



FCC PART 15 TEST REPORT No.24T04Z101591-019

for

Guangdong OPPO Mobile Telecommunications Corp., Ltd.

Mobile Phone

CPH2659

FCC ID: R9C-OP23216

with

Hardware Version: 11

Software Version: Color OS 15.0

Issued Date: 2024-09-26

Note:

The test results in this test report relate only to the devices specified in this report. This report shall not be reproduced except in full without the written approval of CTTL.

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No.24T04Z101591-019

REPORT HISTORY

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1. TEST LATORATORY

1.1. Introduction & Accreditation

Telecommunication Technology Labs, CAICT is an ISO/IEC 17025:2017 accredited test laboratory under American Association for Laboratory Accreditation (A2LA) with lab code 7049.01, and is also an FCC accredited test laboratory (CN1349), and ISED accredited test laboratory (CAB identifier:CN0066). The detail accreditation scope can be found on A2LA website.

1.2. Testing Location

Conducted testing Location: CTTL(Huayuan North Road)

Address: No. 52, Huayuan North Road, Haidian District, Beijing, P. R. China100191

Radiated testing Location: CTTL(Huayuan North Road)

Address: No. 52, Huayuan North Road, Haidian District, Beijing, 100191, P. R. China

1.3. Testing Environment

Normal Temperature: 15-35°C

Relative Humidity: 20-75%

1.4. Project date

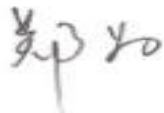
Testing Start Date: 2024-08-27

Testing End Date: 2024-09-25

1.5. Signature



Dong Jiaxuan
(Prepared this test report)



Zheng Wei
(Reviewed this test report)



Pang Shuai
(Approved this test report)



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2. CLIENT INFORMATION

2.1. Applicant Information

Company Name: Guangdong OPPO Mobile Telecommunications Corp., Ltd.
Company Addr: NO.18 HaiBin Road, Wusha Village, Chang'an Town, DongGuan City,
Guangdong Province, P.R. China
Contact Name: Xiong Bo
Tel No: (86)76986076999
E-mail: xiongbo@oppo.com

2.2. Manufacturer Information

Company Name: Guangdong OPPO Mobile Telecommunications Corp., Ltd.
Company Addr: NO.18 HaiBin Road, Wusha Village, Chang'an Town, DongGuan City,
Guangdong Province, P.R. China
Contact Name: Xiong Bo
Tel No: (86)76986076999
E-mail: xiongbo@oppo.com

3. EQUIPMENT UNDER TEST (EUT) AND

ANCILLARY EQUIPMENT (AE)

3.1. About EUT

Description	Mobile Phone
Model name	CPH2659
FCC ID	R9C-OP23216
WLAN Frequency Band	ISM Bands: -5925MHz~6425MHz -6425MHz~6525MHz -6525MHz~6875MHz -6875MHz~7125MHz
Type of modulation	OFDM/OFDMA
Antenna	Embedded Antenna
Voltage	3.87V
Equipment class	Indoor Client

3.2. Internal Identification of EUT used during the test

EUT ID*	SN or IMEI	HW Version	SW Version
UT02a	866185070019957 866185070019940	11	Color OS 15.0
UT12a	866185070033131	11	Color OS 15.0
UT10a	866185070033115	11	Color OS 15.0

*EUT ID: is used to identify the test sample in the lab internally.

* UT02a is used for Conduction test, UT12a and UT10a is used for Radiation test.

3.3. Internal Identification of AE used during the test

AE ID*	Description	Model	Manufacturer
AE1	Battery	BLPB05	Dongguan NVT Technology Co., Ltd
AE2	Adapter	VCB80AUH	Dongguan Aohai Technology Co.,Ltd.
AE3	Cable	DL129	DUWEI

AE ID: is used to identify the test sample in the lab internally.

3.4. General Description

The Equipment under Test (EUT) is a model of Mobile Phone with embedded antenna and inbuilt battery.

It consists of normal options: travel charger, USB cable.

Manual and specifications of the EUT were provided to fulfil the test.

Samples undergoing test were selected by the client.

3.5. Interpretation of the Test Environment

For the test methods, the test environment uncertainty figures correspond to an expansion factor $k=2$.

Measurement Uncertainty

Parameter	Uncertainty
temperature	0.48°C
humidity	2 %
DC voltages	0.003V

4. REFERENCE DOCUMENTS

4.1. Documents supplied by applicant

EUT feature information is supplied by the applicant or manufacturer, which is the basis of testing.

4.2. Reference Documents for testing

The following documents listed in this section are referred for testing.

FCC Part15	Title 47 of the Code of Federal Regulations; Chapter I Part 15 - Radio frequency devices	2021
ANSI C63.10	Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz	2013
UNII: KDB 789033 D02	General U-NII Test Procedures New Rules v02r01	2017-12
KDB 987594 D02	GUIDELINES FOR COMPLIANCE TESTING OF UNLICENSED NATIONAL INFORMATION INFRASTRUCTURE 6 GHz (U-NII) DEVICES PART 15, SUBPART E	2023-08
KDB 662911 D01	Emissions Testing of Transmitters with Multiple Outputs in the Same Band(e.g., MIMO, Smart Antenna, etc)	2013-10

5. LABORATORY ENVIRONMENT

Conducted RF performance testing is performed in shielding room.

EMC performance testing is performed in Semi-anechoic chamber.

6. SUMMARY OF TEST RESULTS

6.1. Summary of Test Results

SUMMARY OF MEASUREMENT RESULTS	Sub-clause of Part15E	Sub-clause of IC	Verdict
Maximum Output Power	15.407	/	P
Peak Power Spectral Density	15.407	/	P
26dB Emission Bandwidth	15.403	/	P
99% Occupied bandwidth	/	/	P
Contention Based Protocol	/	/	P
In-Band Emissions	/	/	P
Radiated Unwanted Emission	15.209,15.407	/	P
AC Powerline Conducted Emission (150kHz- 30MHz)	15.107, 15.207	/	P

Please refer to **ANNEX A** for detail.

Terms used in Verdict column

P	Pass, The EUT complies with the essential requirements in the standard.
NM	Not measured, The test was not measured by CTTL
NA	Not Applicable, The test was not applicable
F	Fail, The EUT does not comply with the essential requirements in the standard

6.2. For conducted result :

- The standard client and indoor client are the same power level, thus test items according to indoor client standard to test, which is stringent limit.
- EUT support 802.11a/ax/be modes on U-NII-5/-6/-7/-8, and can't transmit simultaneously in U-NII-5/-6/-7/-8.
- As WLAN SISO(1x1) & MIMO(2x2) mode have the same power setting, the whole testing has assessed only MIMO mode.
- 802.11ax support full RU and single RU modes.
- 802.11be support full RU, single RU, small MRU, large MRU and puncturing modes.
- For 802.11ax full RU and 802.11be full RU modes, the whole testing (include PSD/In-band Emissions) has reported only 802.11be-EHT20/40/80/160/320 by referring to the higher output power.
- For 802.11ax single RU and 802.11be single RU modes, the whole testing (include PSD/In-band Emissions) has reported only 802.11be-EHT20-single RU by referring to the higher output power.
- For 802.11be-EHT20/40MHz small MRU mode, the whole testing (include PSD/In-band Emissions) has reported only 802.11be- EHT20 by referring to the higher output power.
 - For low channel : 52 Tone,index38 + 26Tone,index1 and 106 Tone,index53 +

- 26Tone,index4;
- b. For high channel : 52 Tone,index39 + 26Tone,index7 and 106 Tone,index54 + 26Tone,index4.
- 9. For 802.11be-EHT80/160/320MHz large MRU and Puncturing modes are tested for conducted power/PSD/In-band Emissions.
- 10. CBP test with minimum antenna gain :
 - Antenna 10 path (band 5) :minimum gain= -6.2dBi ;
 - Antenna 10 path (band 6) :minimum gain= -6.9dBi ;
 - Antenna 10 path (band 7) :minimum gain= -9.8dBi ;
 - Antenna 10 path (band 8) :minimum gain= -10.7dBi.
- 11. EUT supports two combinations of 2X2 antennas(chain0/1,chain1/2), the whole testing (include 26dB/99%Bandwidth/PSD/In-band Emissions) has reported only chain1/2 by referring to the higher output power.

Bandwidth	Pattern	index
80MHz		484+242-tone Index 1 484+242-tone Index 2 484+242-tone Index 3 484+242-tone Index 4
160MHz		996+484+242-tone Index 1 996+484+242-tone Index 2 996+484+242-tone Index 3 996+484+242-tone Index 4 996+484+242-tone Index 5 996+484+242-tone Index 6 996+484+242-tone Index 7 996+484+242-tone Index 8
160MHz		996+484-tone Index1 996+484-tone Index 2 996+484-tone Index 3 996+484-tone Index 4

320MHz		3×996+484-tone Index 1 3×996+484-tone Index 2 3×996+484-tone Index 3 3×996+484-tone Index 4 3×996+484-tone Index 5 3×996+484-tone Index 6 3×996+484-tone Index 7 3×996+484-tone Index 8
320MHz		3×996-tone Index 1 3×996-tone Index 2 3×996-tone Index 3 3×996-tone Index 4
320MHz		2×996+484-tone Index 1 2×996+484-tone Index 2 2×996+484-tone Index 3 2×996+484-tone Index 4 2×996+484-tone Index 5 2×996+484-tone Index 6 2×996+484-tone Index 7 2×996+484-tone Index 8 2×996+484-tone Index 9 2×996+484-tone Index 10 2×996+484-tone Index 11 2×996+484-tone Index 12

6.3. Antenna Gain

chain0/1

Mode	Bnad	Ant9(dBi)	Ant10(dBi)	Power(dBi)	PSD(dBi)
CDD	UNII-5	-1.69	-6.2	-1.69	-0.65
	UNII-6	-4.5	-6.9	-4.5	-2.61
	UNII-7	-4.9	-9.8	-4.9	-4.00
	UNII-8	-6	-10.7	-6	-5.03
BF	UNII-5	-1.69	-6.2	-0.65	-0.65
	UNII-6	-4.5	-6.9	-2.61	-2.61

	UNII-7	-4.9	-9.8	-4.00	-4.00
	UNII-8	-6	-10.7	-5.03	-5.03

chain12

Mode	Bnad	Ant10(dBi)	Ant14(dBi)	Power(dBi)	PSD(dBi)
CDD	UNII-5	-6.2	1.3	1.3	1.35
	UNII-6	-6.9	-0.24	-0.24	0.06
	UNII-7	-9.8	-1.5	-1.5	-1.68
	UNII-8	-10.7	-4.7	-4.7	-4.18
BF	UNII-5	-6.2	1.3	1.35	1.35
	UNII-6	-6.9	-0.24	0.06	0.06
	UNII-7	-9.8	-1.5	-1.68	-1.68
	UNII-8	-10.7	-4.7	-4.18	-4.18

Note :

- For BF transmissions, power and PSD directional gain is calculated as:

Directional gain = $10 \log [(10^{G1/20} + 10^{G2/20} + \dots + 10^{Gn/20})^2 / \text{NANT}]$ dBi, as following table for PSD. NANT = number of transmit antennas NSS = number of spatial streams. (When NSS=1 or 2, both powersettings are the same. The worst case directional gain will occur when NSS = 1)

- For CDD transmissions, directional gain is calculated as:

a. For power, the directional gain GANT is set equal to the antenna having the highest gain, i.e., Directional gain = GANT MAX (Ant.1 Gain, Ant.2 Gain, ...) + Array Gain, where Array Gain = 0 dB (i.e., no array gain) for NANT ≤ 4.

- For PSD, the directional gain calculation is following:

Directional gain = $10 \log [(10^{G1/20} + 10^{G2/20} + \dots + 10^{Gn/20})^2 / \text{NANT}]$ dBi. NANT = number of transmit antennas NSS = number of spatial streams. (When NSS=1 or 2, both powersettings are the same. The worst case directional gain will occur when NSS = 1).

3. 802.11a support CDD and STBC mode, as both of the STBC and CDD use the same power setting, only eirp results of CDD have been reported.

4. 802.11ax/be support CDD, BF and STBC mode, as they use the same power setting, only eirp results of BF have been reported.

5. The device what use a permanently attached antenna were considered sufficient to comply withthe provisions of 15.203.

6.4. Statements

CTTL has evaluated the test cases requested by the client/manufacturer as listed in section 6.1 of this report for the EUT specified in section 3 according to the standards or reference documents listed in section 4.2.

This report only deals with the WLAN function among the features described in section 3.

6.5. Test Conditions

For this report, all the test cases are tested under normal temperature and normal voltage, and also under norm humidity, the specific condition is shown as follows:

Temperature	26°C
Voltage	3.87V
Humidity	44%

7. TEST EQUIPMENTS UTILIZED

Conducted test system

No.	Equipment	Model	Serial Number	Manufacturer	Calibration Period	Calibration Due date
1	Vector Signal Analyzer	FSQ40	200089	Rohde & Schwarz	1 year	2025-06-15
2	Vector Signal Generator	SMW200A	103421	Rohde & Schwarz	1 year	2025-06-15
3	Test Receiver	ESCI	100344	R&S	1 year	2025-04-01
4	LISN	ENV216	101200	R&S	1 year	2025-05-16
5	Attenuator	10dB/2W	/	Rosenberger	/	/
6	Shielding Room	S81	/	ETS-Lindgren	/	/

Instrument	Brand Name	Model
WLAN AP	ASUS	GT-AXE11000

Radiated emission test system

No.	Equipment	Model	Serial Number	Manufacturer	Calibration Period	Calibration Due date
1	Test Receiver	ESW44	103144	R&S	1 year	2024-11-26
2	EMI Antenna	VULB 9163	01222	SCHWARZBECK	1 year	2025-07-30
3	EMI Antenna	3115	00167250	ETS-Lindgren	1 year	2025-04-11
4	EMI Antenna	3116	2663	ETS-Lindgren	1 year	2025-04-31

8. Measurement Uncertainty

8.1 Transmitter Output Power

Measurement Uncertainty: 0.387dB, k=1.96

8.2 Peak Power Spectral Density

Measurement Uncertainty: 0.705dB, k=1.96

8.3 99% Occupied bandwidth

Measurement Uncertainty: 60.80Hz, k=1.96

8.4 Occupied Channel Bandwidth

Measurement Uncertainty: 60.80Hz, k=1.96

8.5 Band Edges Compliance

Measurement Uncertainty : 0.62dB,k=1.96

8.6 Spurious Emissions

Conducted (k=1.96)

Frequency Range	Uncertainty(dB)
$30\text{MHz} \leq f \leq 2\text{GHz}$	1.22
$2\text{GHz} \leq f \leq 3.6\text{GHz}$	1.22
$3.6\text{GHz} \leq f \leq 8\text{GHz}$	1.22
$8\text{GHz} \leq f \leq 12.75\text{GHz}$	1.51
$12.75\text{GHz} \leq f \leq 26\text{GHz}$	1.51
$26\text{GHz} \leq f \leq 40\text{GHz}$	1.59

Radiated (k=2)

Frequency Range	Uncertainty(dB)
9kHz-30MHz	/
$30\text{MHz} \leq f \leq 1\text{GHz}$	4.72
$1\text{GHz} \leq f \leq 18\text{GHz}$	4.84
$18\text{GHz} \leq f \leq 40\text{GHz}$	5.12

8.7 AC Power-line Conducted Emission

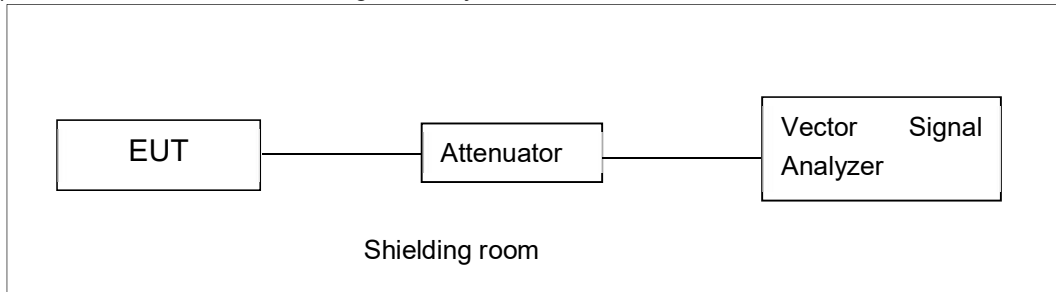
8.8 Measurement Uncertainty : 3.08,k=2

ANNEX A: MEASUREMENT RESULTS

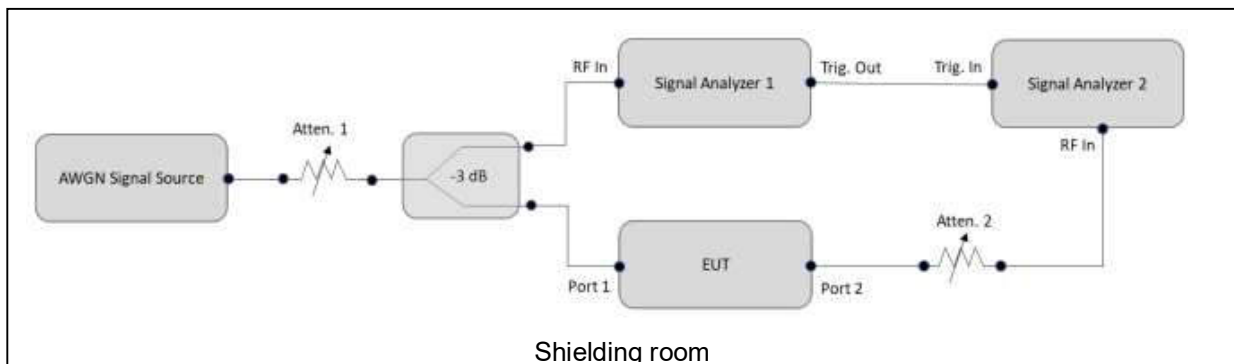
A.1. Measurement Method

A.1.1. Conducted Measurements

- 1). Connect the EUT to the test system correctly.
- 2). Set the EUT to the required work mode.
- 3). Set the EUT to the required channel.
- 4). Set the spectrum analyzer to start measurement.
- 5). Record the values. Vector Signal Analyzer



Test Setup for Maximum Output Power, Peak Power Spectral Density, Occupied 26dB Bandwidth, 99% Occupied bandwidth, In-Band Emissions



Test Setup for Contention Based Protocol



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A.1.2. Radiated Emission Measurements

Measurement performed according to Clause 6.4, 6.5, 6.6 in ANSI C63.10-2013 and II.G.4, II.G.5, II.G.6 in KDB 789033.

The radiated emission test is performed in semi-anechoic chamber. The EUT was placed on a non-conductive table with 80cm above the ground plane for measurement below 1GHz and 1.5m above the ground plane for measurement above 1GHz. The measurement antenna was placed at a distance of 3 meters from the EUT. The test is carried out on both vertical and horizontal polarization and only maximization result of both polarizations is kept. During the test, the turntable is rotated from 0° to 360° and the measurement antenna is moved from 1m to 4m to get the maximization result. The maximization process was repeated with the EUT positioned in each of its three orthogonal orientation.

A.2. Maximum output Power

Measurement Limit and Method:

Standard	Frequency (MHz)	e.i.r.p Limit (dBm)
FCC CRF Part 15.407(a)	5925MHz~6425MHz	24dBm
	6425MHz~6525MHz	24dBm
	6525MHz~6875MHz	24dBm
	6875MHz~7125MHz	24dBm

The measurement method SA-2 is made according to KDB 987594 and KDB 789033.

Note: mimo eirp value=Conducted values (with conducted samples) + Directional Gain.

Measurement Results:

MIMO

Chain0/1

802.11a mode

Mode	Channel	Test Result (dBm)				
		ant9	Ant10	mimo	Directional Gain	mimo eirp
		6M	6M	6M	6M	6M
802.11a	5955MHz (Ch1)	3.55	3.71	6.64	-1.69	4.95
	6175MHz (Ch45)	3.43	3.00	6.23	-1.69	4.54
	6415MHz (Ch93)	3.63	4.07	6.87	-1.69	5.18
	6435MHz (Ch97)	3.86	3.68	6.78	-4.50	2.28
	6475MHz (Ch105)	3.76	3.65	6.72	-4.50	2.22
	6515MHz (Ch113)	4.24	3.62	6.95	-4.50	2.45
	6535MHz (Ch117)	5.61	4.65	8.17	-4.90	3.27
	6695MHz (Ch149)	4.99	4.60	7.81	-4.90	2.91
	6855MHz (Ch181)	4.97	5.22	8.11	-4.90	3.21
	6875MHz (Ch185)	7.89	8.87	11.42	-6.00	5.42
	6895MHz (ch189)	7.79	8.63	11.24	-6.00	5.24
	6995MHz (Ch209)	7.11	7.32	10.23	-6.00	4.23
7115MHz (Ch233)	-16.05	-16.05	-13.04	-6.00	-19.04	

The data rate 6Mbps is selected as worse condition, and the following cases are performed with this condition.

802.11ax HE20(full RU) mode

Mode	Channel	Test Result (dBm)				
		ant9	Ant10	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
802.11ax-20 full RU	5955MHz (Ch1)	3.67	3.91	6.80	-0.65	6.15
	6175MHz (Ch45)	3.58	2.90	6.26	-0.65	5.61
	6415MHz (Ch93)	3.69	3.90	6.81	-0.65	6.16
	6435MHz (Ch97)	4.13	3.69	6.93	-2.61	4.32
	6475MHz (Ch105)	4.26	3.82	7.06	-2.61	4.45
	6515MHz (Ch113)	4.52	3.51	7.05	-2.61	4.44
	6535MHz (Ch117)	5.55	4.79	8.20	-4.00	4.20
	6695MHz (Ch149)	5.37	4.53	7.98	-4.00	3.98
	6855MHz (Ch181)	5.01	5.18	8.11	-4.00	4.11
	6875MHz (Ch185)	7.93	8.98	11.50	-5.03	6.47
	6895MHz (ch189)	7.88	8.67	11.30	-5.03	6.27
	6995MHz (Ch209)	7.19	7.61	10.42	-5.03	5.39
	7115MHz (Ch233)	-16.15	-16.23	-13.18	-5.03	-18.21

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

802.11ax-HE40(full RU) mode

Mode	Channel	Test Result (dBm)				
		ant9	Ant10	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
802.11ax-40 full RU	5965MHz (Ch3)	3.87	3.27	6.59	-0.65	5.94
	6165MHz (Ch43)	3.71	3.13	6.44	-0.65	5.79
	6405MHz (Ch91)	3.76	3.11	6.46	-0.65	5.81
	6445MHz (Ch99)	4.48	3.91	7.21	-2.61	4.60
	6485MHz (Ch107)	4.34	3.84	7.11	-2.61	4.50
	6525MHz (Ch115)	4.50	3.82	7.18	-2.61	4.57
	6565MHz (Ch123)	5.61	4.88	8.27	-4.00	4.27
	6685MHz (Ch147)	5.64	4.79	8.25	-4.00	4.25
	6845MHz (Ch179)	5.26	5.37	8.33	-4.00	4.33
	6885MHz (Ch187)	8.11	8.92	11.54	-5.03	6.51
	6925MHz (ch195)	8.02	8.24	11.14	-5.03	6.11
	6965MHz (Ch203)	7.56	7.78	10.68	-5.03	5.65
	7085MHz (Ch227)	8.33	8.22	11.29	-5.03	6.26

The data rate MCS0 is selected as worse condition, and the following cases are performed with

this condition.

802.11ax-HE80(full RU) mode

Mode	Channel	Tone	Test Result (dBm)					
			configure	ant9	Ant10	mimo	Directional Gain	mimo eirp
				MCS0	MCS0	MCS0	MCS0	MCS0
802.11ax -80 full RU	5985MHz (Ch7)	/	/	3.75	3.71	6.74	-0.65	6.09
	6145MHz (Ch39)	/	/	3.97	3.01	6.53	-0.65	5.88
	6385MHz (Ch87)	/	/	3.74	2.89	6.35	-0.65	5.70
	6465MHz (Ch103)	/	/	4.32	3.68	7.02	-2.61	4.41
	6545MHz (Ch119)	/	/	5.79	4.64	8.26	-4.00	4.26
	6625MHz (Ch135)	/	/	5.84	4.77	8.35	-4.00	4.35
	6705MHz (Ch151)	/	/	5.30	4.35	7.86	-4.00	3.86
	6785MHz (Ch167)	/	/	5.03	4.85	7.95	-4.00	3.95
	6865MHz (Ch183)	/	/	5.30	5.60	8.46	-4.00	4.46
	6945MHz (Ch199)	/	/	7.85	8.35	11.12	-5.03	6.09
	7025MHz (Ch215)	/	/	7.41	7.62	10.53	-5.03	5.50

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

802.11ax-HE160(full RU) mode

Mode	Channel	Tone	Test Result (dBm)					
			configure	ant9	Ant10	mimo	Directional Gain	mimo eirp
				MCS0	MCS0	MCS0	MCS0	MCS0
802.11ax-160 full RU	6025MHz (Ch15)	/	/	3.73	3.10	6.44	-0.65	5.79
	6185MHz (Ch47)	/	/	3.43	3.53	6.49	-0.65	5.84
	6345MHz (Ch79)	/	/	3.31	3.44	6.39	-0.65	5.74
	6505MHz (Ch111)	/	/	3.85	3.12	6.51	-2.61	3.90
	6665MHz (Ch143)	/	/	5.23	4.18	7.75	-4.00	3.75
	6825MHz (Ch175)	/	/	4.88	4.96	7.93	-4.00	3.93
	6985MHz (Ch207)	/	/	7.13	7.56	10.36	-5.03	5.33

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

802.11be HE20(full RU) mode

Mode	Channel	Test Result (dBm)				
		ant9	Ant10	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
802.11be-20 full RU	5955MHz (Ch1)	3.76	3.54	6.66	-0.65	6.01
	6175MHz (Ch45)	3.68	2.93	6.33	-0.65	5.68
	6415MHz (Ch93)	3.59	3.79	6.70	-0.65	6.05
	6435MHz (Ch97)	3.90	3.68	6.80	-2.61	4.19
	6475MHz (Ch105)	3.72	3.62	6.68	-2.61	4.07
	6515MHz (Ch113)	4.00	3.14	6.60	-2.61	3.99
	6535MHz (Ch117)	5.94	4.21	8.17	-4.00	4.17
	6695MHz (Ch149)	5.23	4.16	7.74	-4.00	3.74
	6855MHz (Ch181)	5.20	5.35	8.29	-4.00	4.29
	6875MHz (Ch185)	8.08	8.96	11.55	-5.03	6.52
	6895MHz (ch189)	7.80	8.73	11.30	-5.03	6.27
	6995MHz (Ch209)	7.27	7.41	10.35	-5.03	5.32
7115MHz (Ch233)	-15.56	-16.25	-12.88	-5.03	-17.91	

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

802.11be-HE40(full RU) mode

Mode	Channel	Test Result (dBm)				
		ant9	Ant10	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
802.11be-40 full RU	5965MHz (Ch3)	3.88	3.28	6.60	-0.65	5.95
	6165MHz (Ch43)	3.72	2.68	6.24	-0.65	5.59
	6405MHz (Ch91)	3.82	2.96	6.42	-0.65	5.77
	6445MHz (Ch99)	4.03	3.48	6.77	-2.61	4.16
	6485MHz (Ch107)	3.97	3.63	6.81	-2.61	4.20
	6525MHz (Ch115)	4.01	3.25	6.66	-2.61	4.05
	6565MHz (Ch123)	5.47	4.60	8.07	-4.00	4.07
	6685MHz (Ch147)	5.63	4.61	8.16	-4.00	4.16
	6845MHz (Ch179)	5.44	5.53	8.50	-4.00	4.50
	6885MHz (Ch187)	8.35	9.15	11.78	-5.03	6.75
	6925MHz (ch195)	7.79	8.36	11.09	-5.03	6.06
	6965MHz (Ch203)	7.59	7.94	10.78	-5.03	5.75
	7085MHz (Ch227)	8.24	8.21	11.24	-5.03	6.21

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

802.11be-HE80(full RU) mode

Mode	Channel	Tone	Test Result (dBm)					
			configure	ant9	Ant10	mimo	Directional Gain	mimo eirp
				MCS0	MCS0	MCS0	MCS0	MCS0
802.11be-80 full RU	5985MHz (Ch7)	/	/	3.91	3.63	6.78	-0.65	6.13
	6145MHz (Ch39)	/	/	3.80	2.97	6.42	-0.65	5.77
	6385MHz (Ch87)	/	/	3.55	2.99	6.29	-0.65	5.64
	6465MHz (Ch103)	/	/	4.14	3.31	6.76	-2.61	4.15
	6545MHz (Ch119)	/	/	5.99	4.32	8.25	-4.00	4.25
	6625MHz (Ch135)	/	/	5.81	4.85	8.37	-4.00	4.37
	6705MHz (Ch151)	/	/	5.54	4.65	8.13	-4.00	4.13
	6785MHz (Ch167)	/	/	4.92	4.96	7.95	-4.00	3.95
	6865MHz (Ch183)	/	/	5.39	5.65	8.53	-4.00	4.53

	6945MHz (Ch199)	/	/	7.99	7.93	10.97	-5.03	5.94
	7025MHz (Ch215)	/	/	7.39	7.90	10.66	-5.03	5.63

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

802.11be-HE160(full RU) mode

Mode	Channel	Tone	Test Result (dBm)					
			configure	ant9	Ant10	mimo	Directional Gain	mimo eirp
				MCS0	MCS0	MCS0	MCS0	MCS0
802.11be-160 full RU	6025MHz (Ch15)	/	/	3.75	3.12	6.46	-0.65	5.81
	6185MHz (Ch47)	/	/	3.73	3.72	6.74	-0.65	6.09
	6345MHz (Ch79)	/	/	3.19	3.62	6.42	-0.65	5.77
	6505MHz (Ch111)	/	/	3.41	3.07	6.25	-2.61	3.64
	6665MHz (Ch143)	/	/	5.26	4.53	7.92	-4.00	3.92
	6825MHz (Ch175)	/	/	4.96	5.02	8.00	-4.00	4.00
	6985MHz (Ch207)	/	/	7.39	7.46	10.44	-5.03	5.41

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

802.11be-HE320(full RU) mode

Mode	Channel	Tone	Test Result (dBm)					
			configure	ant9	Ant10	mimo	Directional Gain	mimo eirp
				MCS0	MCS0	MCS0	MCS0	MCS0
802.11be-320 full RU	6105MHz (Ch31)	/	/	2.64	2.81	5.74	-0.65	5.09
	6265MHz (Ch63)	/	/	2.79	3.19	6.00	-0.65	5.35
	6425MHz (Ch95)	/	/	3.47	3.98	6.74	-2.61	4.13
	6585MHz (Ch127)	/	/	4.75	5.00	7.89	-4.00	3.89
	6745MHz (Ch159)	/	/	4.65	4.65	7.66	-4.00	3.66
	6905MHz (Ch191)	/	/	7.54	7.70	10.63	-5.03	5.60

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

802.11ax-20 single RU

Mode	Channel	Test Result (dBm)				
		ant9	Ant10	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
RU26-I	5955MHz (Ch1)	-6.52	-8.03	-4.20	-0.65	-4.85
	6175MHz (Ch45)	-6.42	-8.13	-4.18	-0.65	-4.83
	6415MHz (Ch93)	-6.63	-7.64	-4.10	-0.65	-4.75
	6435MHz (Ch97)	-6.46	-7.75	-4.05	-2.61	-6.66
	6475MHz (Ch105)	-6.46	-8.06	-4.18	-2.61	-6.79
	6515MHz (Ch113)	-6.59	-7.55	-4.03	-2.61	-6.64
RU26-R	6535MHz (Ch117)	-6.50	-7.92	-4.14	-4.00	-8.14
	6695MHz (Ch149)	-6.52	-7.50	-3.97	-4.00	-7.97
	6855MHz (Ch181)	-6.58	-7.74	-4.11	-4.00	-8.11
	6875MHz (Ch185)	-6.44	-7.56	-3.95	-5.03	-8.98
	6895MHz (ch189)	-6.88	-8.24	-4.50	-5.03	-9.53
	6995MHz (Ch209)	-6.99	-8.32	-4.59	-5.03	-9.62
	7115MHz (Ch233)	-6.55	-7.67	-4.06	-5.03	-9.09

Mode	Channel	Test Result (dBm)				
		ant9	Ant10	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
RU52-I	5955MHz (Ch1)	-2.58	-3.45	0.02	-0.65	-0.63
	6175MHz (Ch45)	-2.63	-3.58	-0.07	-0.65	-0.72
	6415MHz (Ch93)	-2.85	-3.75	-0.27	-0.65	-0.92
	6435MHz (Ch97)	-2.74	-3.79	-0.22	-2.61	-2.83
	6475MHz (Ch105)	-2.79	-3.97	-0.33	-2.61	-2.94
	6515MHz (Ch113)	-2.67	-3.99	-0.27	-2.61	-2.88
RU52-R	6535MHz (Ch117)	-2.38	-3.77	-0.01	-4.00	-4.01
	6695MHz (Ch149)	-2.86	-3.69	-0.24	-4.00	-4.24
	6855MHz (Ch181)	-2.89	-3.78	-0.30	-4.00	-4.30
	6875MHz (Ch185)	-2.97	-3.81	-0.36	-5.03	-5.39
	6895MHz (ch189)	-3.07	-3.98	-0.49	-5.03	-5.52
	6995MHz (Ch209)	-3.00	-4.02	-0.47	-5.03	-5.50
	7115MHz (Ch233)	-3.14	-3.96	-0.52	-5.03	-5.55
Mode	Channel	Test Result (dBm)				

		ant9	Ant10	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
RU106-I	5955MHz (Ch1)	1.75	1.28	4.53	-0.65	3.88
	6175MHz (Ch45)	1.61	0.54	4.12	-0.65	3.47
	6415MHz (Ch93)	1.83	1.73	4.79	-0.65	4.14
	6435MHz (Ch97)	1.58	0.53	4.10	-2.61	1.49
	6475MHz (Ch105)	1.53	0.63	4.11	-2.61	1.50
	6515MHz (Ch113)	1.53	0.51	4.06	-2.61	1.45
RU106-R	6535MHz (Ch117)	1.38	1.00	4.20	-4.00	0.20
	6695MHz (Ch149)	1.32	1.09	4.22	-4.00	0.22
	6855MHz (Ch181)	1.50	1.07	4.30	-4.00	0.30
	6875MHz (Ch185)	1.52	1.26	4.40	-5.03	-0.63
	6895MHz (ch189)	1.22	0.96	4.10	-5.03	-0.93
	6995MHz (Ch209)	1.13	0.81	3.98	-5.03	-1.05
	7115MHz (Ch233)	1.74	0.83	4.32	-5.03	-0.71

802.11be-20 single RU

Mode	Channel	Test Result (dBm)				
		ant9	Ant10	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
RU26-I	5955MHz (Ch1)	-6.85	-7.54	-4.17	-0.65	-4.82
	6175MHz (Ch45)	-6.70	-7.62	-4.13	-0.65	-4.78
	6415MHz (Ch93)	-6.94	-7.35	-4.13	-0.65	-4.78
	6435MHz (Ch97)	-6.80	-7.58	-4.16	-2.61	-6.77
	6475MHz (Ch105)	-6.68	-7.30	-3.97	-2.61	-6.58
	6515MHz (Ch113)	-6.76	-7.54	-4.12	-2.61	-6.73
RU26-R	6535MHz (Ch117)	-6.97	-7.78	-4.35	-4.00	-8.35
	6695MHz (Ch149)	-7.08	-7.82	-4.42	-4.00	-8.42
	6855MHz (Ch181)	-6.72	-7.80	-4.22	-4.00	-8.22
	6875MHz (Ch185)	-6.79	-7.54	-4.14	-5.03	-9.17
	6895MHz (ch189)	-6.84	-7.95	-4.35	-5.03	-9.38
	6995MHz (Ch209)	-7.06	-7.91	-4.45	-5.03	-9.48
	7115MHz (Ch233)	-7.16	-7.87	-4.49	-5.03	-9.52

Mode	Channel	Test Result (dBm)				
		ant9	Ant10	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
RU52-I	5955MHz (Ch1)	-2.66	-3.13	0.12	-0.65	-0.53
	6175MHz (Ch45)	-2.78	-3.18	0.03	-0.65	-0.62
	6415MHz (Ch93)	-2.87	-3.14	0.01	-0.65	-0.64
	6435MHz (Ch97)	-2.88	-3.31	-0.08	-2.61	-2.69
	6475MHz (Ch105)	-2.81	-3.16	0.03	-2.61	-2.58
	6515MHz (Ch113)	-2.71	-3.69	-0.16	-2.61	-2.77
RU52-R	6535MHz (Ch117)	-2.68	-3.45	-0.04	-4.00	-4.04
	6695MHz (Ch149)	-2.82	-3.42	-0.10	-4.00	-4.10
	6855MHz (Ch181)	-2.93	-3.19	-0.05	-4.00	-4.05
	6875MHz (Ch185)	-3.00	-3.21	-0.09	-5.03	-5.12
	6895MHz (ch189)	-3.05	-3.14	-0.08	-5.03	-5.11
	6995MHz (Ch209)	-3.44	-3.99	-0.70	-5.03	-5.73
	7115MHz (Ch233)	-3.13	-3.42	-0.26	-5.03	-5.29
Mode	Channel	Test Result (dBm)				
		ant9	Ant10	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
RU106-I	5955MHz (Ch1)	1.52	1.38	4.46	-0.65	3.81
	6175MHz (Ch45)	1.20	0.87	4.05	-0.65	3.40
	6415MHz (Ch93)	1.42	1.81	4.63	-0.65	3.98
	6435MHz (Ch97)	1.20	0.77	4.00	-2.61	1.39
	6475MHz (Ch105)	1.11	0.76	3.95	-2.61	1.34
	6515MHz (Ch113)	1.19	0.90	4.06	-2.61	1.45
RU106-R	6535MHz (Ch117)	1.05	1.25	4.16	-4.00	0.16
	6695MHz (Ch149)	1.02	1.22	4.13	-4.00	0.13
	6855MHz (Ch181)	1.06	1.30	4.19	-4.00	0.19
	6875MHz (Ch185)	1.12	1.32	4.23	-5.03	-0.80
	6895MHz (ch189)	0.89	1.28	4.10	-5.03	-0.93
	6995MHz (Ch209)	0.96	1.01	4.00	-5.03	-1.03
	7115MHz (Ch233)	1.23	0.91	4.08	-5.03	-0.95

802.11be-20 MRU(small)

Mode	Channel	Test Result (dBm)				
		ant9	Ant10	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
52 Tone,index38 + 26Tone,index1	5955MHz (Ch1)	-2.36	-3.34	0.19	-0.65	-0.46
	6175MHz (Ch45)	-2.69	-3.03	0.15	-0.65	-0.50
	6415MHz (Ch93)	-2.73	-3.06	0.12	-0.65	-0.53
	6435MHz (Ch97)	-2.82	-3.17	0.02	-2.61	-2.59
	6475MHz (Ch105)	-2.90	-3.29	-0.08	-2.61	-2.69
	6515MHz (Ch113)	-3.01	-3.24	-0.11	-2.61	-2.72
52 Tone,index39 + 26Tone,index7	6535MHz (Ch117)	-3.59	-4.00	-0.78	-4.00	-4.78
	6695MHz (Ch149)	-3.34	-3.58	-0.45	-4.00	-4.45
	6855MHz (Ch181)	-3.30	-3.35	-0.31	-4.00	-4.31
	6875MHz (Ch185)	-3.06	-3.24	-0.14	-5.03	-5.17
	6895MHz (ch189)	-3.01	-3.47	-0.22	-5.03	-5.25
	6995MHz (Ch209)	-3.08	-3.39	-0.22	-5.03	-5.25
	7115MHz (Ch233)	-3.24	-2.71	0.04	-5.03	-4.99
Mode	Channel	Test Result (dBm)				
		ant9	Ant10	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
106 Tone,index53 + 26Tone,index4	5955MHz (Ch1)	1.41	0.94	4.19	-0.65	3.54
	6175MHz (Ch45)	1.04	0.46	3.77	-0.65	3.12
	6415MHz (Ch93)	1.42	0.88	4.17	-0.65	3.52
	6435MHz (Ch97)	1.04	0.74	3.90	-2.61	1.29
	6475MHz (Ch105)	0.95	0.59	3.78	-2.61	1.17
	6515MHz (Ch113)	0.99	0.62	3.82	-2.61	1.21
106 Tone,index54 + 26Tone,index4	6535MHz (Ch117)	1.01	0.53	3.79	-4.00	-0.21
	6695MHz (Ch149)	0.87	0.25	3.58	-4.00	-0.42
	6855MHz (Ch181)	1.12	0.60	3.88	-4.00	-0.12
	6875MHz (Ch185)	1.55	0.57	4.10	-5.03	-0.93
	6895MHz (ch189)	1.33	0.77	4.07	-5.03	-0.96
	6995MHz (Ch209)	1.26	1.55	4.42	-5.03	-0.61
	7115MHz (Ch233)	1.32	0.88	4.12	-5.03	-0.91

802.11be-80 MRU(large) & punctured

Mode	Channel	Tone	Test Result (dBm)					
			configure	ant9	Ant10	mimo	Directional Gain	mimo eirp
				MCS0	MCS0	MCS0	MCS0	MCS0
802.11be-80	5985MHz (Ch7)	484+242 Tone	1	3.99	3.12	6.59	-0.65	5.94
			2	3.83	2.67	6.30	-0.65	5.65
			3	3.86	2.95	6.44	-0.65	5.79
			4	4.37	2.15	6.41	-0.65	5.76
	6145MHz (Ch39)	484+242 Tone	1	2.94	2.51	5.74	-0.65	5.09
			2	2.58	2.19	5.40	-0.65	4.75
			3	2.75	2.46	5.62	-0.65	4.97
			4	3.06	2.45	5.78	-0.65	5.13
	6385MHz (Ch87)	484+242 Tone	1	3.76	3.08	6.44	-0.65	5.79
			2	2.81	2.43	5.63	-0.65	4.98
			3	2.65	2.35	5.51	-0.65	4.86
			4	3.24	2.51	5.90	-0.65	5.25
	6465MHz (Ch103)	484+242 Tone	1	3.75	2.62	6.23	-2.61	3.62
			2	3.83	2.96	6.43	-2.61	3.82
			3	3.59	2.85	6.25	-2.61	3.64
			4	3.79	2.95	6.40	-2.61	3.79
	6545MHz (Ch119)	484+242 Tone	1	4.82	3.98	5.45	-4.00	1.45
			2	4.58	4.21	5.43	-4.00	1.43
			3	4.60	4.12	5.40	-4.00	1.40
			4	4.50	4.25	5.41	-4.00	1.41
	6625MHz (Ch135)	484+242 Tone	1	4.69	4.49	5.62	-4.00	1.62
			2	4.65	4.30	5.51	-4.00	1.51
			3	4.50	4.67	5.62	-4.00	1.62
			4	4.58	4.02	5.34	-4.00	1.34
	6705MHz (Ch151)	484+242 Tone	1	4.62	4.41	5.55	-4.00	1.55
			2	4.72	4.22	5.51	-4.00	1.51
			3	4.39	4.09	5.27	-4.00	1.27
			4	4.54	4.15	5.38	-4.00	1.38
	6785MHz (Ch167)	484+242 Tone	1	5.04	4.33	5.73	-4.00	1.73
			2	4.87	4.51	5.72	-4.00	1.72
			3	5.14	4.62	5.92	-4.00	1.92
			4	5.20	4.46	5.88	-4.00	1.88
6865MHz (Ch183)	484+242 Tone	1	5.20	4.39	5.84	-4.00	1.84	
		2	5.78	4.39	6.17	-4.00	2.17	
		3	5.38	4.43	5.96	-4.00	1.96	

			4	5.19	4.56	5.92	-4.00	1.92
	6945MHz (Ch199)	484+242 Tone	1	8.37	7.89	11.15	-5.03	6.12
			2	8.57	7.52	11.09	-5.03	6.06
			3	8.52	7.24	10.94	-5.03	5.91
			4	8.40	7.21	10.86	-5.03	5.83
	7025MHz (Ch215)	484+242 Tone	1	8.11	7.44	10.80	-5.03	5.77
			2	7.90	7.67	10.80	-5.03	5.77
			3	8.28	7.35	10.85	-5.03	5.82
			4	7.73	7.30	10.53	-5.03	5.50

802.11be-160 MRU(large) & punctured

Mode	Channel	Tone	Test Result (dBm)					
			configure	ant9	Ant10	mimo	Directional Gain	mimo eirp
				MCS0	MCS0	MCS0	MCS0	MCS0
802.11be-160	6025MHz (Ch15)	996+484+242 Tone	1	4.25	3.06	6.71	-0.65	6.06
			2	4.04	3.14	6.62	-0.65	5.97
			3	4.11	3.22	6.70	-0.65	6.05
			4	4.30	3.07	6.74	-0.65	6.09
			5	4.53	3.79	7.19	-0.65	6.54
			6	4.30	4.14	7.23	-0.65	6.58
			7	4.16	3.95	7.07	-0.65	6.42
			8	4.36	3.34	6.89	-0.65	6.24
	6185MHz (Ch47)	996+484+242 Tone	1	4.39	3.04	6.78	-0.65	6.13
			2	4.22	3.07	6.69	-0.65	6.04
			3	4.28	2.64	6.55	-0.65	5.90
			4	4.37	2.71	6.63	-0.65	5.98
			5	4.28	2.64	6.55	-0.65	5.90
			6	4.43	2.82	6.71	-0.65	6.06
			7	4.34	2.93	6.70	-0.65	6.05
			8	4.30	2.82	6.63	-0.65	5.98
	6345MHz (Ch79)	996+484+242 Tone	1	4.16	2.80	6.54	-0.65	5.89
			2	4.42	3.22	6.87	-0.65	6.22
			3	4.28	2.97	6.68	-0.65	6.03
			4	4.48	3.21	6.90	-0.65	6.25
			5	4.44	3.12	6.84	-0.65	6.19
			6	4.44	3.22	6.88	-0.65	6.23
			7	4.25	3.59	6.94	-0.65	6.29
			8	4.49	2.95	6.80	-0.65	6.15
6505MHz (Ch111)	996+484+242 Tone	1	3.06	2.43	5.77	-2.61	3.16	
		2	3.07	2.64	5.87	-2.61	3.26	

			3	3.46	2.44	5.99	-2.61	3.38		
			4	3.16	2.52	5.86	-2.61	3.25		
			5	3.14	2.49	5.84	-2.61	3.23		
			6	3.27	2.61	5.96	-2.61	3.35		
			7	3.99	3.39	6.71	-2.61	4.10		
			8	3.24	2.57	5.93	-2.61	3.32		
			6665MHz (Ch143)	996+484+242 Tone	1	5.01	4.28	7.67	-4.00	3.67
					2	5.34	4.22	7.83	-4.00	3.83
3	5.38	3.98			7.75	-4.00	3.75			
4	5.11	4.11			7.65	-4.00	3.65			
5	5.12	4.38			7.78	-4.00	3.78			
6	5.17	4.89			8.04	-4.00	4.04			
7	5.67	4.80			8.27	-4.00	4.27			
8	5.28	5.19			8.25	-4.00	4.25			
6825MHz (Ch175)	996+484+242 Tone	1	5.55	4.50	8.07	-4.00	4.07			
		2	5.22	4.59	7.93	-4.00	3.93			
		3	5.67	4.34	8.07	-4.00	4.07			
		4	5.45	4.17	7.87	-4.00	3.87			
		5	5.46	4.81	8.16	-4.00	4.16			
		6	5.45	4.62	8.07	-4.00	4.07			
		7	5.66	4.53	8.14	-4.00	4.14			
		8	5.31	4.30	7.84	-4.00	3.84			
6985MHz (Ch207)	996+484+242 Tone	1	8.19	7.29	10.77	-5.03	5.74			
		2	8.33	7.10	10.77	-5.03	5.74			
		3	8.31	7.10	10.76	-5.03	5.73			
		4	8.32	7.02	10.73	-5.03	5.70			
		5	8.28	7.65	10.99	-5.03	5.96			
		6	8.31	7.26	10.83	-5.03	5.80			
		7	8.95	8.06	11.54	-5.03	6.51			
		8	7.96	7.30	10.65	-5.03	5.62			

Mode	Channel	Tone	Test Result (dBm)					
			configure	ant9	Ant10	mimo	Directional Gain	mimo eirp
				MCS0	MCS0	MCS0	MCS0	MCS0
802.11be-160	6025MHz (Ch15)	996+484 Tone	1	3.79	3.54	6.68	-0.65	6.03
			2	3.86	3.35	6.62	-0.65	5.97
			3	3.81	3.39	6.62	-0.65	5.97
			4	4.04	3.48	6.78	-0.65	6.13
	6185MHz (Ch47)	996+484 Tone	1	3.90	3.09	6.52	-0.65	5.87
			2	3.90	3.09	6.52	-0.65	5.87
			3	3.97	3.28	6.65	-0.65	6.00
			4	3.57	3.21	6.40	-0.65	5.75
	6345MHz (Ch79)	996+484 Tone	1	3.77	3.51	6.65	-0.65	6.00
			2	3.98	3.27	6.65	-0.65	6.00
			3	3.83	3.22	6.55	-0.65	5.90
			4	3.58	3.18	6.39	-0.65	5.74
	6505MHz (Ch111)	996+484 Tone	1	3.85	3.62	6.75	-2.61	4.14
			2	4.31	3.45	6.91	-2.61	4.30
			3	4.10	3.74	6.93	-2.61	4.32
			4	4.28	3.89	7.10	-2.61	4.49
	6665MHz (Ch143)	996+484 Tone	1	5.50	4.51	8.04	-4.00	4.04
			2	5.68	4.46	8.12	-4.00	4.12
			3	5.34	4.45	7.93	-4.00	3.93
			4	5.61	4.53	8.11	-4.00	4.11
	6825MHz (Ch175)	996+484 Tone	1	5.55	4.88	8.24	-4.00	4.24
			2	5.64	4.62	8.17	-4.00	4.17
			3	5.49	4.79	8.16	-4.00	4.16
			4	5.70	4.59	8.19	-4.00	4.19
	6985MHz (Ch207)	996+484 Tone	1	8.03	8.22	11.14	-5.03	6.11
			2	8.04	7.87	10.97	-5.03	5.94
			3	8.66	7.74	11.23	-5.03	6.20
			4	8.37	7.98	11.19	-5.03	6.16

802.11be-320 MRU(large) & punctured

Mode	Channel	Tone	Test Result (dBm)						
			configure	ant9	Ant10	mimo	Directional Gain	mimo eirp	
				MCS0	MCS0	MCS0	MCS0	MCS0	
802.11be-320	6105MHz (Ch31)	2x996+484 Tone	1	4.61	3.71	7.19	-0.65	6.54	
			2	4.48	3.25	6.92	-0.65	6.27	
			3	4.84	4.03	7.46	-0.65	6.81	
			4	4.44	3.60	7.05	-0.65	6.40	
			5	4.71	3.69	7.24	-0.65	6.59	
			6	4.61	3.75	7.21	-0.65	6.56	
			7	4.73	3.79	7.30	-0.65	6.65	
			8	4.58	3.59	7.12	-0.65	6.47	
			9	4.52	3.48	7.04	-0.65	6.39	
			10	4.66	3.42	7.09	-0.65	6.44	
			11	4.73	3.57	7.20	-0.65	6.55	
			12	4.86	3.76	7.36	-0.65	6.71	
		3x996 Tone		1	3.95	3.08	6.55	-0.65	5.90
				2	3.97	3.40	6.70	-0.65	6.05
				3	3.42	3.08	6.26	-0.65	5.61
				4	4.77	3.65	7.26	-0.65	6.61
		3x996+484 Tone		1	3.94	3.65	6.81	-0.65	6.16
				2	4.13	3.29	6.74	-0.65	6.09
				3	4.18	3.08	6.68	-0.65	6.03
				4	4.05	3.37	6.73	-0.65	6.08
				5	3.31	3.54	6.44	-0.65	5.79
				6	3.34	3.40	6.38	-0.65	5.73
				7	3.09	3.68	6.41	-0.65	5.76
				8	3.50	4.04	6.79	-0.65	6.14
		2x996+484 Tone		1	4.01	3.86	6.95	-0.65	6.30
				2	4.08	3.42	6.77	-0.65	6.12
				3	3.83	3.79	6.82	-0.65	6.17
				4	4.00	3.67	6.85	-0.65	6.20
				5	4.02	3.50	6.78	-0.65	6.13
				6	3.99	3.61	6.81	-0.65	6.16
				7	4.09	3.46	6.80	-0.65	6.15
				8	4.37	3.50	6.97	-0.65	6.32
				9	4.40	3.72	7.08	-0.65	6.43
	10			3.95	3.05	6.53	-0.65	5.88	
	11			4.50	3.18	6.90	-0.65	6.25	

			12	4.51	3.52	7.05	-0.65	6.40		
		3x996 Tone	1	4.00	3.34	6.69	-0.65	6.04		
			2	4.19	3.40	6.82	-0.65	6.17		
			3	4.34	3.86	7.12	-0.65	6.47		
			4	4.19	3.48	6.86	-0.65	6.21		
		3x996+484 Tone	1	3.94	3.44	6.71	-0.65	6.06		
			2	4.22	3.41	6.84	-0.65	6.19		
			3	3.99	3.01	6.54	-0.65	5.89		
			4	4.06	3.67	6.88	-0.65	6.23		
			5	3.25	3.14	6.21	-0.65	5.56		
			6	3.43	2.87	6.17	-0.65	5.52		
			7	3.34	3.09	6.23	-0.65	5.58		
			8	3.36	3.38	6.38	-0.65	5.73		
	6425MHz (Ch95)	2x996+484 Tone	1	4.01	2.84	6.47	-2.61	3.86		
				2	4.00	2.88	6.49	-2.61	3.88	
				3	4.11	2.89	6.55	-2.61	3.94	
				4	4.08	2.85	6.52	-2.61	3.91	
				5	4.34	3.10	6.77	-2.61	4.16	
				6	4.37	2.89	6.70	-2.61	4.09	
				7	4.63	3.24	7.00	-2.61	4.39	
				8	4.13	2.79	6.52	-2.61	3.91	
				9	4.23	2.76	6.57	-2.61	3.96	
				10	4.22	3.11	6.71	-2.61	4.10	
				11	4.51	3.18	6.91	-2.61	4.30	
				12	4.34	3.59	6.99	-2.61	4.38	
			3x996 Tone	1	4.60	4.82	7.72	-2.61	5.11	
				2	4.25	3.74	7.01	-2.61	4.40	
				3	4.22	3.61	6.94	-2.61	4.33	
				4	4.27	4.18	7.24	-2.61	4.63	
			3x996+484 Tone	1	2.99	3.05	6.03	-2.61	3.42	
				2	4.17	3.66	6.93	-2.61	4.32	
				3	4.36	3.61	7.01	-2.61	4.40	
				4	4.04	3.27	6.68	-2.61	4.07	
				5	4.13	3.30	6.75	-2.61	4.14	
				6	4.15	3.61	6.90	-2.61	4.29	
				7	4.45	3.18	6.87	-2.61	4.26	
				8	4.14	3.24	6.72	-2.61	4.11	
		6585MHz (Ch127)	2x996+484 Tone	1	4.68	3.56	7.17	-4.00	3.17	
					2	4.73	3.58	7.20	-4.00	3.20
					3	4.66	3.86	7.29	-4.00	3.29

6745MHz (Ch159)			4	4.67	3.96	7.34	-4.00	3.34	
			5	4.71	3.73	7.26	-4.00	3.26	
			6	4.69	4.03	7.38	-4.00	3.38	
			7	4.72	3.76	7.28	-4.00	3.28	
			8	5.06	1.87	6.76	-4.00	2.76	
			9	4.80	3.56	7.23	-4.00	3.23	
			10	4.75	3.49	7.18	-4.00	3.18	
			11	5.01	3.41	7.29	-4.00	3.29	
			12	5.03	4.53	7.80	-4.00	3.80	
			3x996 Tone	1	5.02	3.35	7.28	-4.00	3.28
				2	4.85	3.51	7.24	-4.00	3.24
				3	4.96	3.99	7.51	-4.00	3.51
	4	5.20		3.85	7.59	-4.00	3.59		
	3x996+484 Tone	1	4.87	3.71	7.34	-4.00	3.34		
		2	4.66	3.28	7.03	-4.00	3.03		
		3	4.66	3.53	7.14	-4.00	3.14		
		4	4.70	3.46	7.13	-4.00	3.13		
		5	4.81	3.80	7.34	-4.00	3.34		
		6	4.80	3.48	7.20	-4.00	3.20		
		7	4.79	3.67	7.28	-4.00	3.28		
		8	4.71	3.44	7.13	-4.00	3.13		
	2x996+484 Tone	1	4.42	3.23	6.88	-4.00	2.88		
		2	4.47	3.11	6.85	-4.00	2.85		
		3	4.57	3.04	6.88	-4.00	2.88		
		4	4.85	3.12	7.08	-4.00	3.08		
		5	4.78	3.35	7.13	-4.00	3.13		
		6	4.80	2.88	6.96	-4.00	2.96		
		7	4.63	3.32	7.03	-4.00	3.03		
		8	4.33	3.04	6.74	-4.00	2.74		
		9	4.78	3.01	6.99	-4.00	2.99		
		10	4.43	3.26	6.89	-4.00	2.89		
		11	4.82	3.30	7.14	-4.00	3.14		
		12	4.82	3.24	7.11	-4.00	3.11		
	3x996 Tone	1	4.89	2.92	7.03	-4.00	3.03		
		2	4.44	3.08	6.82	-4.00	2.82		
		3	5.06	2.84	7.10	-4.00	3.10		
4		4.80	2.90	6.96	-4.00	2.96			
3x996+484 Tone	1	4.62	2.84	6.83	-4.00	2.83			
	2	4.52	3.48	7.04	-4.00	3.04			
	3	4.75	3.42	7.15	-4.00	3.15			

6905MHz (Ch191)		4	4.89	2.88	7.01	-4.00	3.01	
		5	4.78	3.16	7.06	-4.00	3.06	
		6	4.82	3.19	7.09	-4.00	3.09	
		7	5.05	3.21	7.24	-4.00	3.24	
		8	4.71	2.92	6.92	-4.00	2.92	
		2x996+484 Tone	1	7.77	6.31	10.11	-5.03	5.08
			2	7.86	6.74	10.35	-5.03	5.32
			3	7.87	6.75	10.36	-5.03	5.33
	4		7.90	6.46	10.25	-5.03	5.22	
	5		7.69	6.38	10.09	-5.03	5.06	
	6		7.63	6.74	10.22	-5.03	5.19	
	7		7.57	6.68	10.16	-5.03	5.13	
	8		7.56	6.64	10.13	-5.03	5.10	
	9		7.60	6.65	10.16	-5.03	5.13	
	10		7.89	6.46	10.24	-5.03	5.21	
	11		7.59	6.43	10.06	-5.03	5.03	
	12		7.92	7.06	10.52	-5.03	5.49	
	3x996 Tone	1	7.92	6.73	10.38	-5.03	5.35	
		2	8.11	6.70	10.47	-5.03	5.44	
		3	8.07	7.57	10.84	-5.03	5.81	
		4	7.71	6.37	10.10	-5.03	5.07	
	3x996+484 Tone	1	7.75	6.58	10.21	-5.03	5.18	
		2	7.30	6.32	9.85	-5.03	4.82	
		3	7.30	6.40	9.88	-5.03	4.85	
		4	7.46	6.50	10.02	-5.03	4.99	
		5	7.51	4.72	9.35	-5.03	4.32	
		6	7.48	6.46	10.01	-5.03	4.98	
		7	7.40	6.36	9.92	-5.03	4.89	
		8	7.38	6.58	10.01	-5.03	4.98	

Chain1/2
802.11a mode

Mode	Channel	Test Result (dBm)				
		Ant10	Ant14	mimo	Directional Gain	mimo eirp
		6M	6M	6M	6M	6M
802.11a	5955MHz (Ch1)	3.74	3.17	6.47	1.30	7.77
	6175MHz (Ch45)	2.88	2.77	5.84	1.30	7.14
	6415MHz (Ch93)	4.04	3.95	7.01	1.30	8.31
	6435MHz (Ch97)	3.42	3.87	6.66	-0.24	6.42
	6475MHz (Ch105)	3.44	3.35	6.41	-0.24	6.17
	6515MHz (Ch113)	3.56	3.52	6.55	-0.24	6.31
	6535MHz (Ch117)	4.94	4.41	7.69	-1.50	6.19
	6695MHz (Ch149)	4.97	4.39	7.70	-1.50	6.20
	6855MHz (Ch181)	5.08	4.29	7.71	-1.50	6.21
	6875MHz (Ch185)	8.67	8.14	11.42	-4.70	6.72
	6895MHz (ch189)	8.49	7.82	11.18	-4.70	6.48
	6995MHz (Ch209)	8.26	7.80	11.05	-4.70	6.35
	7115MHz (Ch233)	-16.11	-16.09	-13.09	-4.70	-17.79

The data rate 6Mbps is selected as worse condition, and the following cases are performed with this condition.

802.11ax HE20(full RU) mode

Mode	Channel	Test Result (dBm)				
		Ant10	Ant14	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
802.11ax-20 full RU	5955MHz (Ch1)	3.79	3.47	6.64	1.35	7.99
	6175MHz (Ch45)	3.29	2.87	6.10	1.35	7.45
	6415MHz (Ch93)	3.95	3.54	6.76	1.35	8.11
	6435MHz (Ch97)	4.00	3.79	6.91	0.06	6.97
	6475MHz (Ch105)	4.03	3.44	6.76	0.06	6.82
	6515MHz (Ch113)	3.65	3.62	6.65	0.06	6.71
	6535MHz (Ch117)	5.02	4.54	7.80	-1.68	6.12
	6695MHz (Ch149)	5.08	4.28	7.71	-1.68	6.03
	6855MHz (Ch181)	5.45	4.47	8.00	-1.68	6.32
	6875MHz (Ch185)	8.74	8.24	11.51	-4.18	7.33
	6895MHz (ch189)	8.54	7.77	11.18	-4.18	7.00
	6995MHz (Ch209)	8.44	7.86	11.17	-4.18	6.99
	7115MHz (Ch233)	-16.35	-16.40	-13.36	-4.18	-17.54

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

802.11ax-HE40(full RU) mode

Mode	Channel	Test Result (dBm)				
		Ant10	Ant14	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
802.11ax-40 full RU	5965MHz (Ch3)	3.27	2.70	6.00	1.35	7.35
	6165MHz (Ch43)	3.03	2.52	5.79	1.35	7.14
	6405MHz (Ch91)	2.99	3.36	6.19	1.35	7.54
	6445MHz (Ch99)	3.80	3.66	6.74	0.06	6.80
	6485MHz (Ch107)	3.61	3.38	6.51	0.06	6.57
	6525MHz (Ch115)	3.41	3.18	6.31	0.06	6.37
	6565MHz (Ch123)	4.82	4.49	7.67	-1.68	5.99
	6685MHz (Ch147)	4.69	4.31	7.51	-1.68	5.83
	6845MHz (Ch179)	5.29	4.58	7.96	-1.68	6.28
	6885MHz (Ch187)	8.90	8.30	11.62	-4.18	7.44
	6925MHz (ch195)	8.08	7.70	10.90	-4.18	6.72
	6965MHz (Ch203)	8.03	7.76	10.91	-4.18	6.73
	7085MHz (Ch227)	7.98	7.60	10.80	-4.18	6.62

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

802.11ax-HE80(full RU) mode

Mode	Channel	Tone	Test Result (dBm)					
			configure	Ant10	Ant14	mimo	Directional Gain	mimo eirp
				MCS0	MCS0	MCS0	MCS0	MCS0
802.11ax -80 full RU	5985MHz (Ch7)	/	/	3.74	3.12	6.45	1.35	7.80
	6145MHz (Ch39)	/	/	3.34	2.67	6.03	1.35	7.38
	6385MHz (Ch87)	/	/	3.21	3.26	6.25	1.35	7.60
	6465MHz (Ch103)	/	/	3.85	3.26	6.58	0.06	6.64
	6545MHz (Ch119)	/	/	5.02	4.68	7.86	-1.68	6.18
	6625MHz (Ch135)	/	/	4.89	4.61	7.76	-1.68	6.08
	6705MHz (Ch151)	/	/	4.92	4.67	7.81	-1.68	6.13
	6785MHz (Ch167)	/	/	4.88	4.43	7.67	-1.68	5.99
	6865MHz (Ch183)	/	/	5.00	4.59	7.81	-1.68	6.13
	6945MHz (Ch199)	/	/	8.03	7.53	10.80	-4.18	6.62
	7025MHz (Ch215)	/	/	7.95	7.22	10.61	-4.18	6.43

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

802.11ax-HE160(full RU) mode

Mode	Channel	Tone	Test Result (dBm)					
			configure	Ant10	Ant14	mimo	Directional Gain	mimo eirp
				MCS0	MCS0	MCS0	MCS0	MCS0
802.11ax-160 full RU	6025MHz (Ch15)	/	/	3.38	2.70	6.06	1.35	7.41
	6185MHz (Ch47)	/	/	3.48	3.08	6.29	1.35	7.64
	6345MHz (Ch79)	/	/	3.56	3.36	6.47	1.35	7.82
	6505MHz (Ch111)	/	/	3.65	3.19	6.44	0.06	6.50
	6665MHz (Ch143)	/	/	4.74	4.42	7.59	-1.68	5.91
	6825MHz (Ch175)	/	/	4.82	4.49	7.67	-1.68	5.99
	6985MHz (Ch207)	/	/	7.64	7.43	10.55	-4.18	6.37

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

802.11be HE20(full RU) mode

Mode	Channel	Test Result (dBm)				
		Ant10	Ant14	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
802.11be-20 full RU	5955MHz (Ch1)	3.89	3.71	6.81	1.35	8.16
	6175MHz (Ch45)	3.39	3.10	6.26	1.35	7.61
	6415MHz (Ch93)	3.55	3.28	6.43	1.35	7.78
	6435MHz (Ch97)	3.73	3.15	6.46	0.06	6.52
	6475MHz (Ch105)	3.77	3.06	6.44	0.06	6.50
	6515MHz (Ch113)	4.20	3.49	6.87	0.06	6.93
	6535MHz (Ch117)	5.45	4.11	7.84	-1.68	6.16
	6695MHz (Ch149)	5.13	3.98	7.60	-1.68	5.92
	6855MHz (Ch181)	5.10	5.20	8.16	-1.68	6.48
	6875MHz (Ch185)	8.73	7.95	11.37	-4.18	7.19
	6895MHz (ch189)	8.60	7.72	11.19	-4.18	7.01
	6995MHz (Ch209)	8.05	7.85	10.96	-4.18	6.78
7115MHz (Ch233)	-16.26	-16.20	-13.22	-4.18	-17.40	

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

802.11be-HE40(full RU) mode

Mode	Channel	Test Result (dBm)				
		Ant10	Ant14	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
802.11be-40 full RU	5965MHz (Ch3)	3.65	3.02	6.36	1.35	7.71
	6165MHz (Ch43)	3.18	2.76	5.99	1.35	7.34
	6405MHz (Ch91)	3.34	3.57	6.47	1.35	7.82
	6445MHz (Ch99)	3.49	3.39	6.45	0.06	6.51
	6485MHz (Ch107)	3.64	3.39	6.53	0.06	6.59
	6525MHz (Ch115)	3.02	3.06	6.05	0.06	6.11
	6565MHz (Ch123)	4.98	5.02	8.01	-1.68	6.33
	6685MHz (Ch147)	5.08	4.76	7.93	-1.68	6.25
	6845MHz (Ch179)	5.37	4.94	8.17	-1.68	6.49
	6885MHz (Ch187)	8.88	8.01	11.48	-4.18	7.30
	6925MHz (ch195)	8.21	8.00	11.12	-4.18	6.94
	6965MHz (Ch203)	8.17	7.95	11.07	-4.18	6.89
	7085MHz (Ch227)	8.10	7.64	10.89	-4.18	6.71

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

802.11be-HE80(full RU) mode

Mode	Channel	Tone	Test Result (dBm)					
			configure	Ant10	Ant14	mimo	Directional Gain	mimo eirp
				MCS0	MCS0	MCS0	MCS0	MCS0
802.11be -80 full RU	5985MHz (Ch7)	/	/	3.97	3.54	6.77	1.35	8.12
	6145MHz (Ch39)	/	/	3.38	2.93	6.17	1.35	7.52
	6385MHz (Ch87)	/	/	3.93	3.00	6.50	1.35	7.85
	6465MHz (Ch103)	/	/	3.34	3.26	6.31	0.06	6.37
	6545MHz (Ch119)	/	/	5.22	5.17	8.21	-1.68	6.53
	6625MHz (Ch135)	/	/	5.50	4.79	8.17	-1.68	6.49
	6705MHz (Ch151)	/	/	5.31	5.08	8.21	-1.68	6.53
	6785MHz (Ch167)	/	/	5.30	5.01	8.17	-1.68	6.49
	6865MHz (Ch183)	/	/	5.41	5.02	8.23	-1.68	6.55
	6945MHz (Ch199)	/	/	8.09	7.54	10.83	-4.18	6.65
	7025MHz (Ch215)	/	/	8.09	7.73	10.92	-4.18	6.74

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

802.11be-HE160(full RU) mode

Mode	Channel	Tone	Test Result (dBm)					
			configure	Ant10	Ant14	mimo	Directional Gain	mimo eirp
				MCS0	MCS0	MCS0	MCS0	MCS0
802.11be-160 full RU	6025MHz (Ch15)	/	/	3.64	3.13	6.40	1.35	7.75
	6185MHz (Ch47)	/	/	3.44	3.86	6.67	1.35	8.02
	6345MHz (Ch79)	/	/	3.48	2.90	6.21	1.35	7.56
	6505MHz (Ch111)	/	/	3.24	2.99	6.13	0.06	6.19
	6665MHz (Ch143)	/	/	5.28	5.13	8.22	-1.68	6.54
	6825MHz (Ch175)	/	/	5.31	4.91	8.12	-1.68	6.44
	6985MHz (Ch207)	/	/	8.06	7.97	11.03	-4.18	6.85

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

802.11be-HE320(full RU) mode

Mode	Channel	Tone	Test Result (dBm)					
			configure	Ant10	Ant14	mimo	Directional Gain	mimo eirp
				MCS0	MCS0	MCS0	MCS0	MCS0
802.11be-320 full RU	6105MHz (Ch31)	/	/	2.97	3.02	6.01	1.35	7.36
	6265MHz (Ch63)	/	/	3.55	3.29	6.43	1.35	7.78
	6425MHz (Ch95)	/	/	3.61	3.25	6.44	0.06	6.50
	6585MHz (Ch127)	/	/	5.10	4.96	8.04	-1.68	6.36
	6745MHz (Ch159)	/	/	5.05	4.68	7.88	-1.68	6.20
	6905MHz (Ch191)	/	/	8.13	7.62	10.89	-4.18	6.71

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

802.11ax-20 single RU

Mode	Channel	Test Result (dBm)				
		Ant10	Ant14	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
RU26-I	5955MHz (Ch1)	-7.42	-8.48	-4.91	1.35	-3.56
	6175MHz (Ch45)	-7.57	-7.99	-4.76	1.35	-3.41
	6415MHz (Ch93)	-7.15	-8.31	-4.68	1.35	-3.33
	6435MHz (Ch97)	-7.58	-8.11	-4.83	0.06	-4.77
	6475MHz (Ch105)	-7.42	-8.08	-4.73	0.06	-4.67
	6515MHz (Ch113)	-7.19	-8.32	-4.71	0.06	-4.65
RU26-R	6535MHz (Ch117)	-7.29	-8.23	-4.72	-1.68	-6.40
	6695MHz (Ch149)	-7.91	-8.47	-5.17	-1.68	-6.85
	6855MHz (Ch181)	-7.09	-8.13	-4.57	-1.68	-6.25
	6875MHz (Ch185)	-7.13	-8.51	-4.76	-4.18	-8.94
	6895MHz (ch189)	-7.65	-8.30	-4.95	-4.18	-9.13
	6995MHz (Ch209)	-7.33	-7.98	-4.63	-4.18	-8.81
	7115MHz (Ch233)	-8.02	-7.57	-4.78	-4.18	-8.96

Mode	Channel	Test Result (dBm)				
		Ant10	Ant14	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
RU52-I	5955MHz (Ch1)	-2.78	-3.67	-0.19	1.35	1.16
	6175MHz (Ch45)	-3.24	-3.81	-0.51	1.35	0.84
	6415MHz (Ch93)	-3.06	-4.00	-0.49	1.35	0.86
	6435MHz (Ch97)	-3.37	-4.56	-0.91	0.06	-0.85
	6475MHz (Ch105)	-3.30	-3.64	-0.46	0.06	-0.40
	6515MHz (Ch113)	-3.50	-3.76	-0.62	0.06	-0.56
RU52-R	6535MHz (Ch117)	-3.00	-3.76	-0.35	-1.68	-2.03
	6695MHz (Ch149)	-3.34	-3.97	-0.63	-1.68	-2.31
	6855MHz (Ch181)	-3.77	-4.06	-0.90	-1.68	-2.58
	6875MHz (Ch185)	-3.25	-4.21	-0.69	-4.18	-4.87
	6895MHz (ch189)	-3.14	-4.13	-0.60	-4.18	-4.78
	6995MHz (Ch209)	-3.13	-3.54	-0.32	-4.18	-4.50
	7115MHz (Ch233)	-3.11	-3.37	-0.23	-4.18	-4.41
Mode	Channel	Test Result (dBm)				
		Ant10	Ant14	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0

RU106-I	5955MHz (Ch1)	1.37	0.46	3.95	1.35	5.30
	6175MHz (Ch45)	0.65	0.01	3.35	1.35	4.70
	6415MHz (Ch93)	1.61	0.92	4.29	1.35	5.64
	6435MHz (Ch97)	0.77	0.55	3.67	0.06	3.73
	6475MHz (Ch105)	0.68	0.26	3.49	0.06	3.55
	6515MHz (Ch113)	0.56	0.26	3.42	0.06	3.48
RU106-R	6535MHz (Ch117)	0.53	0.09	3.33	-1.68	1.65
	6695MHz (Ch149)	0.79	0.23	3.53	-1.68	1.85
	6855MHz (Ch181)	1.10	0.57	3.85	-1.68	2.17
	6875MHz (Ch185)	1.49	0.44	4.01	-4.18	-0.17
	6895MHz (ch189)	1.50	0.61	4.09	-4.18	-0.09
	6995MHz (Ch209)	0.71	0.29	3.52	-4.18	-0.66
	7115MHz (Ch233)	0.87	0.33	3.62	-4.18	-0.56

802.11be-20 single RU

Mode	Channel	Test Result (dBm)				
		Ant10	Ant14	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
RU26-I	5955MHz (Ch1)	-7.74	-8.43	-5.06	1.35	-3.71
	6175MHz (Ch45)	-7.24	-8.13	-4.65	1.35	-3.30
	6415MHz (Ch93)	-7.59	-8.64	-5.07	1.35	-3.72
	6435MHz (Ch97)	-7.77	-8.88	-5.28	0.06	-5.22
	6475MHz (Ch105)	-7.65	-8.74	-5.15	0.06	-5.09
	6515MHz (Ch113)	-7.66	-8.66	-5.12	0.06	-5.06
RU26-R	6535MHz (Ch117)	-7.35	-8.92	-5.05	-1.68	-6.73
	6695MHz (Ch149)	-7.47	-8.95	-5.14	-1.68	-6.82
	6855MHz (Ch181)	-7.44	-8.64	-4.99	-1.68	-6.67
	6875MHz (Ch185)	-7.57	-8.65	-5.07	-4.18	-9.25
	6895MHz (ch189)	-7.39	-8.93	-5.08	-4.18	-9.26
	6995MHz (Ch209)	-7.47	-8.66	-5.01	-4.18	-9.19
	7115MHz (Ch233)	-7.55	-8.96	-5.19	-4.18	-9.37

Mode	Channel	Test Result (dBm)				
		Ant10	Ant14	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
RU52-I	5955MHz (Ch1)	-3.55	-3.91	-0.72	1.35	0.63
	6175MHz (Ch45)	-3.39	-4.20	-0.77	1.35	0.58
	6415MHz (Ch93)	-3.03	-3.32	-0.16	1.35	1.19
	6435MHz (Ch97)	-3.23	-3.94	-0.56	0.06	-0.50
	6475MHz (Ch105)	-3.14	-3.90	-0.49	0.06	-0.43
	6515MHz (Ch113)	-3.27	-3.95	-0.59	0.06	-0.53
RU52-R	6535MHz (Ch117)	-3.70	-3.97	-0.82	-1.68	-2.50
	6695MHz (Ch149)	-3.25	-4.21	-0.69	-1.68	-2.37
	6855MHz (Ch181)	-3.34	-4.00	-0.65	-1.68	-2.33
	6875MHz (Ch185)	-3.17	-3.94	-0.53	-4.18	-4.71
	6895MHz (ch189)	-3.21	-4.02	-0.59	-4.18	-4.77
	6995MHz (Ch209)	-3.47	-3.76	-0.60	-4.18	-4.78
	7115MHz (Ch233)	-3.52	-4.10	-0.79	-4.18	-4.97
Mode	Channel	Test Result (dBm)				
		Ant10	Ant14	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
RU106-I	5955MHz (Ch1)	1.83	1.82	4.84	1.35	6.19
	6175MHz (Ch45)	0.60	0.63	3.63	1.35	4.98
	6415MHz (Ch93)	1.71	1.77	4.75	1.35	6.10
	6435MHz (Ch97)	0.65	0.72	3.70	0.06	3.76
	6475MHz (Ch105)	0.76	0.81	3.80	0.06	3.86
	6515MHz (Ch113)	0.55	0.55	3.56	0.06	3.62
RU106-R	6535MHz (Ch117)	0.59	0.64	3.63	-1.68	1.95
	6695MHz (Ch149)	0.40	0.40	3.41	-1.68	1.73
	6855MHz (Ch181)	1.21	1.38	4.31	-1.68	2.63
	6875MHz (Ch185)	1.52	1.62	4.58	-4.18	0.40
	6895MHz (ch189)	1.35	1.37	4.37	-4.18	0.19
	6995MHz (Ch209)	0.74	0.82	3.79	-4.18	-0.39
	7115MHz (Ch233)	0.93	1.03	3.99	-4.18	-0.19

802.11be-20 MRU(small)

Mode	Channel	Test Result (dBm)				
		Ant10	Ant14	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
52 Tone,index38 + 26Tone,index1	5955MHz (Ch1)	-3.02	-3.68	-0.33	1.35	1.02
	6175MHz (Ch45)	-3.29	-3.47	-0.37	1.35	0.98
	6415MHz (Ch93)	-2.92	-3.58	-0.23	1.35	1.12
	6435MHz (Ch97)	-3.55	-4.10	-0.81	0.06	-0.75
	6475MHz (Ch105)	-3.66	-4.27	-0.94	0.06	-0.88
	6515MHz (Ch113)	-3.78	-4.20	-0.97	0.06	-0.91
52 Tone,index39 + 26Tone,index7	6535MHz (Ch117)	-3.19	-4.03	-0.58	-1.68	-2.26
	6695MHz (Ch149)	-3.38	-4.09	-0.71	-1.68	-2.39
	6855MHz (Ch181)	-3.43	-4.50	-0.92	-1.68	-2.60
	6875MHz (Ch185)	-2.41	-3.02	0.31	-4.18	-3.87
	6895MHz (ch189)	-2.69	-3.61	-0.12	-4.18	-4.30
	6995MHz (Ch209)	-3.42	-3.13	-0.26	-4.18	-4.44
	7115MHz (Ch233)	-3.40	-2.80	-0.08	-4.18	-4.26
Mode	Channel	Test Result (dBm)				
		Ant10	Ant14	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
106 Tone,index53 + 26Tone,index4	5955MHz (Ch1)	1.38	0.78	4.10	1.35	5.45
	6175MHz (Ch45)	0.92	0.23	3.60	1.35	4.95
	6415MHz (Ch93)	1.64	0.83	4.26	1.35	5.61
	6435MHz (Ch97)	0.95	0.52	3.75	0.06	3.81
	6475MHz (Ch105)	0.84	0.47	3.67	0.06	3.73
	6515MHz (Ch113)	0.86	0.44	3.67	0.06	3.73
106 Tone,index54 + 26Tone,index4	6535MHz (Ch117)	0.83	0.29	3.58	-1.68	1.90
	6695MHz (Ch149)	0.65	0.14	3.41	-1.68	1.73
	6855MHz (Ch181)	1.16	0.49	3.85	-1.68	2.17
	6875MHz (Ch185)	1.49	0.46	4.02	-4.18	-0.16
	6895MHz (ch189)	1.44	0.58	4.04	-4.18	-0.14
	6995MHz (Ch209)	1.08	1.53	4.32	-4.18	0.14
	7115MHz (Ch233)	1.15	0.44	3.82	-4.18	-0.36

802.11be-80 MRU(large) & punctured

Mode	Channel	Tone	Test Result (dBm)					
			configure	Ant10	Ant14	mimo	Directional Gain	mimo eirp
				MCS0	MCS0	MCS0	MCS0	MCS0
802.11be-80	5985MHz (Ch7)	484+242 Tone	1	3.88	2.76	6.37	1.35	7.72
			2	3.64	2.81	6.26	1.35	7.61
			3	3.43	2.62	6.05	1.35	7.40
			4	4.17	2.69	6.50	1.35	7.85
	6145MHz (Ch39)	484+242 Tone	1	3.08	2.65	5.88	1.35	7.23
			2	2.72	2.33	5.54	1.35	6.89
			3	2.89	2.60	5.76	1.35	7.11
			4	3.20	2.59	5.92	1.35	7.27
	6385MHz (Ch87)	484+242 Tone	1	3.90	3.22	6.58	1.35	7.93
			2	2.95	2.57	5.77	1.35	7.12
			3	2.79	2.49	5.65	1.35	7.00
			4	3.38	2.65	6.04	1.35	7.39
	6465MHz (Ch103)	484+242 Tone	1	3.76	2.63	6.24	0.06	6.30
			2	3.84	2.97	6.44	0.06	6.50
			3	3.60	2.86	6.26	0.06	6.32
			4	3.80	2.96	6.41	0.06	6.47
	6545MHz (Ch119)	484+242 Tone	1	4.71	3.93	7.35	-1.68	5.67
			2	4.45	4.08	7.28	-1.68	5.60
			3	4.38	3.99	7.20	-1.68	5.52
			4	4.45	4.06	7.27	-1.68	5.59
	6625MHz (Ch135)	484+242 Tone	1	4.47	4.27	7.38	-1.68	5.70
			2	4.46	4.25	7.37	-1.68	5.69
			3	4.49	4.45	7.48	-1.68	5.80
			4	4.45	3.89	7.19	-1.68	5.51
	6705MHz (Ch151)	484+242 Tone	1	4.35	4.19	7.28	-1.68	5.60
			2	4.48	3.94	7.23	-1.68	5.55
			3	4.34	3.96	7.16	-1.68	5.48
			4	4.41	4.02	7.23	-1.68	5.55
	6785MHz (Ch167)	484+242 Tone	1	4.82	4.28	7.57	-1.68	5.89
			2	4.76	4.32	7.56	-1.68	5.88
			3	5.01	4.48	7.76	-1.68	6.08
			4	4.92	4.33	7.65	-1.68	5.97
6865MHz (Ch183)	484+242 Tone	1	5.15	4.26	7.74	-1.68	6.06	
		2	5.65	4.20	8.00	-1.68	6.32	
		3	5.11	4.12	7.65	-1.68	5.97	

			4	5.14	4.43	7.81	-1.68	6.13
6945MHz (Ch199)	484+242 Tone	1	8.03	7.48	10.77	-4.18	6.59	
		2	8.16	7.18	10.71	-4.18	6.53	
		3	8.09	7.01	10.59	-4.18	6.41	
		4	8.17	7.02	10.64	-4.18	6.46	
7025MHz (Ch215)	484+242 Tone	1	7.64	7.30	10.48	-4.18	6.30	
		2	7.58	6.33	10.01	-4.18	5.83	
		3	7.81	6.83	10.36	-4.18	6.18	
		4	7.59	7.01	10.32	-4.18	6.14	

802.11be-160 MRU(large) & punctured

Mode	Channel	Tone	Test Result (dBm)					
			configure	Ant10	Ant14	mimo	Directional Gain	mimo eirp
				MCS0	MCS0	MCS0	MCS0	MCS0
802.11be-160	6025MHz (Ch15)	996+484+242 Tone	1	3.09	2.25	5.70	1.35	7.05
			2	2.88	2.26	5.59	1.35	6.94
			3	2.95	2.38	5.68	1.35	7.03
			4	3.14	2.41	5.80	1.35	7.15
			5	3.37	2.63	6.03	1.35	7.38
			6	3.14	2.98	6.07	1.35	7.42
			7	3.00	2.79	5.91	1.35	7.26
			8	3.20	2.23	5.75	1.35	7.10
	6185MHz (Ch47)	996+484+242 Tone	1	3.23	2.20	5.76	1.35	7.11
			2	3.06	2.24	5.68	1.35	7.03
			3	3.12	2.30	5.74	1.35	7.09
			4	3.21	2.37	5.82	1.35	7.17
			5	3.12	2.26	5.72	1.35	7.07
			6	3.27	2.44	5.89	1.35	7.24
			7	3.18	2.27	5.76	1.35	7.11
			8	3.14	2.06	5.64	1.35	6.99
	6345MHz (Ch79)	996+484+242 Tone	1	3.00	2.02	5.55	1.35	6.90
			2	3.26	2.06	5.71	1.35	7.06
			3	3.12	2.09	5.65	1.35	7.00
			4	3.32	2.83	6.09	1.35	7.44
			5	3.28	2.13	5.75	1.35	7.10
			6	3.28	2.24	5.80	1.35	7.15
			7	3.09	2.15	5.66	1.35	7.01
			8	3.33	2.57	5.98	1.35	7.33
	6505MHz (Ch111)	996+484+242 Tone	1	2.94	2.56	5.76	0.06	5.82
			2	2.85	2.43	5.66	0.06	5.72

			3	2.84	2.27	5.57	0.06	5.63		
			4	3.04	2.40	5.74	0.06	5.80		
			5	3.02	2.37	5.72	0.06	5.78		
			6	3.15	2.35	5.78	0.06	5.84		
			7	3.76	3.27	6.53	0.06	6.59		
			8	3.12	2.45	5.81	0.06	5.87		
			6665MHz (Ch143)	996+484+242 Tone	1	4.83	4.20	7.54	-1.68	5.86
					2	5.16	4.33	7.78	-1.68	6.10
3	5.20	4.42			7.84	-1.68	6.16			
4	4.93	4.28			7.63	-1.68	5.95			
5	4.94	4.39			7.68	-1.68	6.00			
6	4.99	4.56			7.79	-1.68	6.11			
7	5.49	4.47			8.02	-1.68	6.34			
8	5.10	4.76			7.94	-1.68	6.26			
6825MHz (Ch175)	996+484+242 Tone	1	5.37	4.17	7.82	-1.68	6.14			
		2	5.04	4.42	7.75	-1.68	6.07			
		3	5.49	4.44	8.01	-1.68	6.33			
		4	5.27	4.61	7.96	-1.68	6.28			
		5	5.28	4.54	7.94	-1.68	6.26			
		6	5.27	4.72	8.01	-1.68	6.33			
		7	5.62	4.60	8.15	-1.68	6.47			
		8	5.07	4.74	7.92	-1.68	6.24			
6985MHz (Ch207)	996+484+242 Tone	1	8.04	6.94	10.54	-4.18	6.36			
		2	8.26	7.14	10.75	-4.18	6.57			
		3	8.30	6.83	10.64	-4.18	6.46			
		4	8.31	6.84	10.65	-4.18	6.47			
		5	8.20	7.30	10.78	-4.18	6.60			
		6	8.37	6.95	10.73	-4.18	6.55			
		7	8.38	7.61	11.02	-4.18	6.84			
		8	8.23	7.02	10.68	-4.18	6.50			

Mode	Channel	Tone	Test Result (dBm)					
			configure	Ant10	Ant14	mimo	Directional Gain	mimo eirp
				MCS0	MCS0	MCS0	MCS0	MCS0
802.11b-160	6025MHz (Ch15)	996+484 Tone	1	3.51	3.05	6.30	1.35	7.65
			2	3.49	2.86	6.20	1.35	7.55
			3	3.43	3.25	6.35	1.35	7.70
			4	3.50	3.13	6.33	1.35	7.68
	6185MHz (Ch47)	996+484 Tone	1	3.67	2.60	6.18	1.35	7.53
			2	3.50	2.95	6.24	1.35	7.59
			3	3.49	2.94	6.23	1.35	7.58
			4	3.62	3.07	6.36	1.35	7.71
	6345MHz (Ch79)	996+484 Tone	1	3.23	3.38	6.32	1.35	7.67
			2	3.50	2.78	6.17	1.35	7.52
			3	3.29	2.69	6.01	1.35	7.36
			4	3.49	2.98	6.25	1.35	7.60
	6505MHz (Ch111)	996+484 Tone	1	4.00	3.06	6.57	0.06	6.63
			2	4.07	3.15	6.64	0.06	6.70
			3	3.88	3.30	6.61	0.06	6.67
			4	3.84	3.17	6.53	0.06	6.59
	6665MHz (Ch143)	996+484 Tone	1	5.47	4.24	7.91	-1.68	6.23
			2	5.45	4.35	7.95	-1.68	6.27
			3	5.22	4.42	7.85	-1.68	6.17
			4	5.52	4.30	7.96	-1.68	6.28
	6825MHz (Ch175)	996+484 Tone	1	5.46	4.79	8.15	-1.68	6.47
			2	5.27	4.59	7.95	-1.68	6.27
			3	5.46	4.84	8.17	-1.68	6.49
			4	5.33	4.51	7.95	-1.68	6.27
	6985MHz (Ch207)	996+484 Tone	1	7.76	7.71	10.75	-4.18	6.57
			2	7.91	7.60	10.77	-4.18	6.59
			3	8.11	7.61	10.88	-4.18	6.70
			4	8.18	7.43	10.83	-4.18	6.65

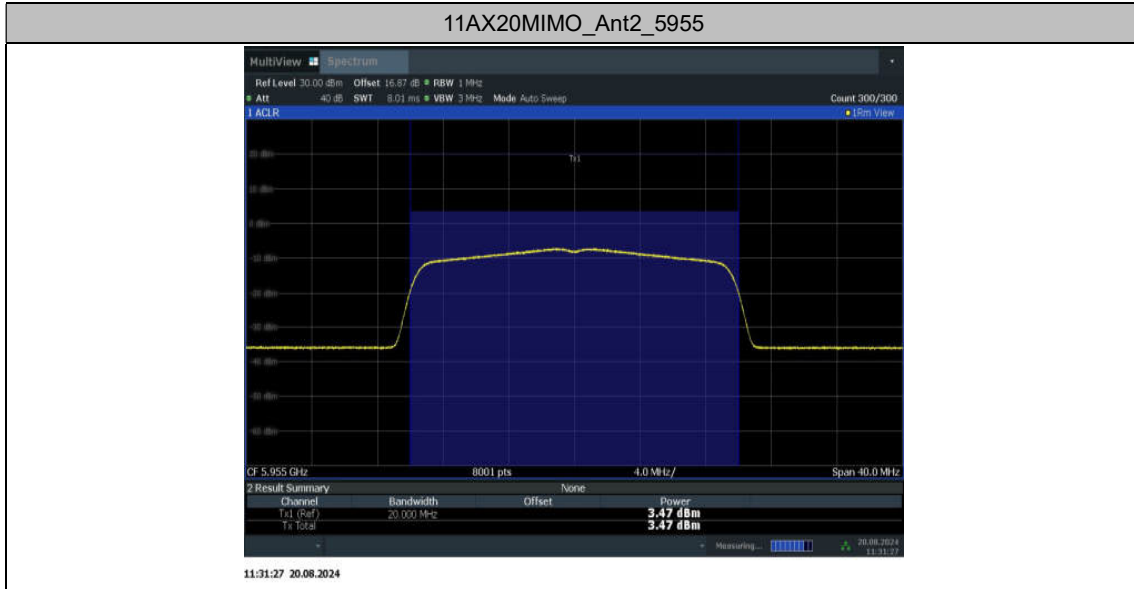
802.11be-320 MRU(large) & punctured

Mode	Channel	Tone	Test Result (dBm)						
			configure	Ant10	Ant14	mimo	Directional Gain	mimo eirp	
				MCS0	MCS0	MCS0	MCS0	MCS0	
802.11be-320	6105MHz (Ch31)	2x996+484 Tone	1	3.44	2.38	5.95	1.35	7.30	
			2	3.38	2.31	5.89	1.35	7.24	
			3	3.51	2.70	6.13	1.35	7.48	
			4	3.34	2.43	5.92	1.35	7.27	
			5	3.38	2.36	5.91	1.35	7.26	
			6	3.44	2.42	5.97	1.35	7.32	
			7	3.40	2.69	6.07	1.35	7.42	
			8	3.25	2.26	5.79	1.35	7.14	
			9	3.42	2.15	5.84	1.35	7.19	
			10	3.49	2.32	5.95	1.35	7.30	
			11	3.40	2.40	5.94	1.35	7.29	
			12	3.53	2.43	6.03	1.35	7.38	
		3x996 Tone	1	3.65	2.45	6.10	1.35	7.45	
			2	3.59	2.07	5.91	1.35	7.26	
			3	3.44	2.04	5.81	1.35	7.16	
			4	3.72	2.32	6.09	1.35	7.44	
		3x996+484 Tone	1	3.32	2.32	5.86	1.35	7.21	
			2	3.34	2.06	5.76	1.35	7.11	
			3	3.33	2.08	5.76	1.35	7.11	
			4	3.58	2.04	5.89	1.35	7.24	
			5	2.33	2.21	5.28	1.35	6.63	
			6	2.01	2.23	5.13	1.35	6.48	
			7	2.11	2.35	5.24	1.35	6.59	
			8	2.17	2.71	5.46	1.35	6.81	
		6265MHz (Ch63)	2x996+484 Tone	1	3.70	2.53	6.16	1.35	7.51
				2	3.38	2.09	5.79	1.35	7.14
				3	3.51	2.38	5.99	1.35	7.34
				4	3.75	2.26	6.08	1.35	7.43
				5	3.41	2.45	5.97	1.35	7.32
				6	3.66	2.44	6.10	1.35	7.45
				7	3.47	2.18	5.88	1.35	7.23
				8	3.52	2.22	5.93	1.35	7.28
				9	3.71	2.44	6.13	1.35	7.48
	10			3.33	2.13	5.78	1.35	7.13	
	11			3.68	2.01	5.94	1.35	7.29	

			12	3.47	2.35	5.96	1.35	7.31
	3x996 Tone	1	3.38	2.01	5.76	1.35	7.11	
		2	3.50	2.07	5.85	1.35	7.20	
		3	3.49	2.76	6.15	1.35	7.50	
		4	3.34	2.54	5.97	1.35	7.32	
	3x996+484 Tone	1	3.32	2.18	5.80	1.35	7.15	
		2	3.37	2.16	5.82	1.35	7.17	
		3	3.37	2.07	5.78	1.35	7.13	
		4	3.69	2.34	6.08	1.35	7.43	
		5	2.15	2.01	5.09	1.35	6.44	
		6	2.26	2.14	5.21	1.35	6.56	
		7	2.24	2.09	5.18	1.35	6.53	
		8	2.26	2.21	5.25	1.35	6.60	
6425MHz (Ch95)	2x996+484 Tone	1	4.24	3.20	6.76	0.06	6.82	
		2	4.40	3.24	6.87	0.06	6.93	
		3	4.51	3.25	6.94	0.06	7.00	
		4	4.61	3.21	6.98	0.06	7.04	
		5	4.60	3.19	6.96	0.06	7.02	
		6	4.63	2.98	6.89	0.06	6.95	
		7	4.89	3.77	7.38	0.06	7.44	
		8	4.22	3.32	6.80	0.06	6.86	
		9	4.46	3.16	6.87	0.06	6.93	
		10	4.45	3.51	7.02	0.06	7.08	
		11	4.74	3.58	7.21	0.06	7.27	
		12	4.74	3.99	7.39	0.06	7.45	
		3x996 Tone	1	5.13	4.95	8.05	0.06	8.11
			2	4.78	3.70	7.28	0.06	7.34
			3	4.75	3.57	7.21	0.06	7.27
			4	4.80	4.14	7.49	0.06	7.55
		3x996+484 Tone	1	3.25	3.01	6.14	0.06	6.20
			2	4.26	3.79	7.04	0.06	7.10
			3	4.45	3.87	7.18	0.06	7.24
			4	4.30	3.53	6.94	0.06	7.00
			5	4.66	3.83	7.28	0.06	7.34
			6	4.68	3.97	7.35	0.06	7.41
			7	4.98	3.54	7.33	0.06	7.39
			8	4.54	3.60	7.11	0.06	7.17
6585MHz (Ch127)	2x996+484 Tone	1	5.08	3.79	7.49	-1.68	5.81	
		2	5.13	3.98	7.60	-1.68	5.92	
		3	4.89	4.26	7.60	-1.68	5.92	

6745MHz (Ch159)			4	5.03	4.36	7.72	-1.68	6.04	
			5	4.80	3.99	7.42	-1.68	5.74	
			6	4.95	4.29	7.64	-1.68	5.96	
			7	5.25	4.29	7.81	-1.68	6.13	
			8	5.59	2.40	7.29	-1.68	5.61	
			9	5.33	4.09	7.76	-1.68	6.08	
			10	5.15	3.85	7.56	-1.68	5.88	
			11	5.41	3.77	7.68	-1.68	6.00	
			12	5.16	4.62	7.91	-1.68	6.23	
			3x996 Tone	1	5.15	3.44	7.39	-1.68	5.71
				2	4.98	3.47	7.30	-1.68	5.62
				3	5.05	4.12	7.62	-1.68	5.94
	4	5.46		3.98	7.79	-1.68	6.11		
	3x996+484 Tone	1	5.13	3.84	7.54	-1.68	5.86		
		2	4.92	3.54	7.29	-1.68	5.61		
		3	5.06	3.93	7.54	-1.68	5.86		
		4	5.10	3.86	7.53	-1.68	5.85		
		5	5.04	4.20	7.65	-1.68	5.97		
		6	5.03	3.88	7.50	-1.68	5.82		
		7	4.75	3.80	7.31	-1.68	5.63		
		8	4.80	3.70	7.30	-1.68	5.62		
	2x996+484 Tone	1	4.51	3.49	7.04	-1.68	5.36		
		2	4.73	3.37	7.11	-1.68	5.43		
		3	4.70	3.00	6.94	-1.68	5.26		
		4	4.98	3.08	7.14	-1.68	5.46		
		5	4.91	3.48	7.26	-1.68	5.58		
		6	5.20	3.01	7.25	-1.68	5.57		
		7	5.16	3.58	7.45	-1.68	5.77		
		8	4.69	3.30	7.06	-1.68	5.38		
		9	5.14	3.27	7.32	-1.68	5.64		
		10	4.79	3.52	7.21	-1.68	5.53		
		11	5.18	3.83	7.57	-1.68	5.89		
		12	4.91	3.77	7.39	-1.68	5.71		
	3x996 Tone	1	4.98	3.45	7.29	-1.68	5.61		
		2	4.40	3.61	7.03	-1.68	5.35		
		3	5.02	3.37	7.28	-1.68	5.60		
4		4.76	3.43	7.16	-1.68	5.48			
3x996+484 Tone	1	4.85	3.10	7.07	-1.68	5.39			
	2	4.92	3.74	7.38	-1.68	5.70			
	3	5.15	3.68	7.49	-1.68	5.81			

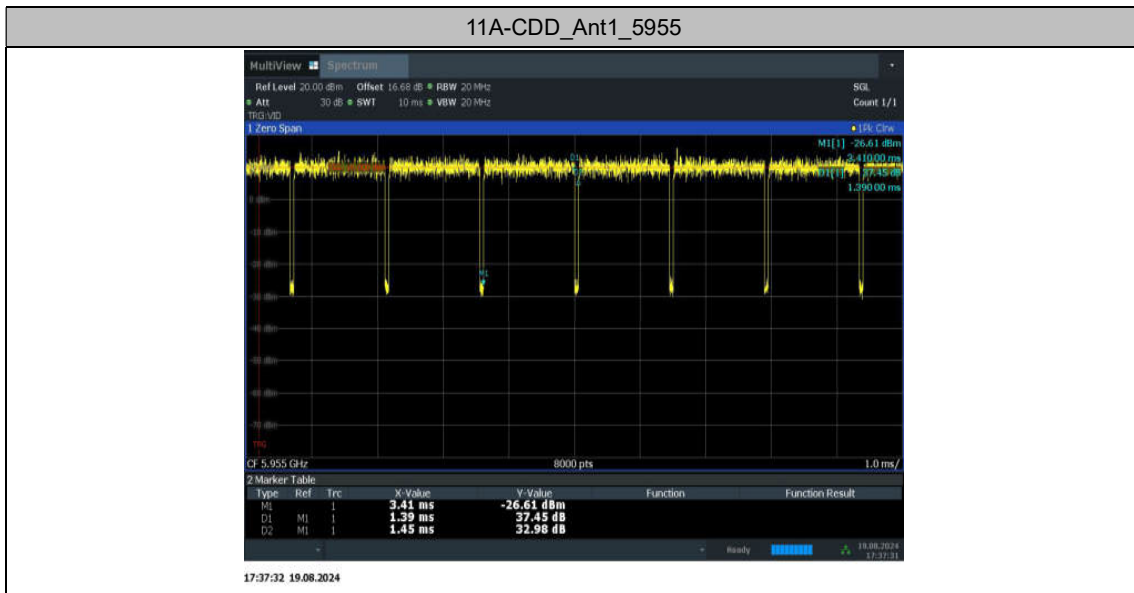
6905MHz (Ch191)	2x996+484 Tone	4	5.42	3.14	7.44	-1.68	5.76
		5	5.04	3.29	7.26	-1.68	5.58
		6	5.08	3.32	7.30	-1.68	5.62
		7	5.58	3.34	7.61	-1.68	5.93
		8	5.24	3.05	7.29	-1.68	5.61
		1	8.30	6.27	10.41	-4.18	6.23
		2	8.39	6.70	10.64	-4.18	6.46
		3	8.40	6.71	10.65	-4.18	6.47
	4	8.26	6.42	10.45	-4.18	6.27	
	5	7.78	6.64	10.26	-4.18	6.08	
	6	7.72	7.00	10.39	-4.18	6.21	
	7	7.83	7.21	10.54	-4.18	6.36	
	8	7.82	7.17	10.52	-4.18	6.34	
	9	7.73	7.18	10.47	-4.18	6.29	
	10	7.85	6.99	10.45	-4.18	6.27	
	11	7.82	6.96	10.42	-4.18	6.24	
	12	8.32	7.59	10.98	-4.18	6.80	
	3x996 Tone	1	8.32	6.99	10.72	-4.18	6.54
		2	8.51	6.96	10.81	-4.18	6.63
		3	8.47	7.53	11.04	-4.18	6.86
		4	8.11	6.33	10.32	-4.18	6.14
	3x996+484 Tone	1	7.88	6.54	10.27	-4.18	6.09
		2	7.56	6.55	10.09	-4.18	5.91
		3	7.56	6.63	10.13	-4.18	5.95
		4	7.82	7.03	10.45	-4.18	6.27
		5	7.74	4.98	9.59	-4.18	5.41
		6	7.71	6.72	10.25	-4.18	6.07
		7	7.63	6.62	10.16	-4.18	5.98
		8	7.34	6.67	10.03	-4.18	5.85



Duty Cycle

Mode	11a							
Duty Cycle	97%							
Mode	11ax-HE 20M	11ax-HE 40M	11ax-HE 80M	11ax-HE 160M				
Duty Cycle	95%	91%	85%	77%				
Mode	11ax-HE 20M RU							
Duty Cycle	99%							
Mode	11be-EHT 20M	11be-EHT 40M	11be-EHT 80M	11be-EHT 160M	11be-EHT 320M			
Duty Cycle	95%	86%	79%	77%	69%			
Mode	11be-EHT 20M RU	11be-EHT 20M 52+26 MRU						
Duty Cycle	99%	97%						
Mode	11be-EHT	11be-EHT	11be-EHT	11be-EHT	11be-EHT	11be-EHT	11be-EHT	11be-EHT

	20M 106+26 MRU	80M 484+242 MRU	160M 996+484+242 MRU	160M 996+484 MRU	320M 2*996+484 MRU	320M 3*996 MRU	320M 3*996+484 MRU
Duty Cycle	94%	83%	74%	75%	71%	69%	67%



Conclusion: PASS

A.3. Peak Power Spectral Density (conducted)

Measurement Limit and Method:

Standard	Frequency (MHz)	e.i.r.p Limit (dBm/MHz)
FCC CRF Part 15.407(a)	5925MHz~6425MHz	-1
	6425MHz~6525MHz	-1
	6525MHz~6875MHz	-1
	6875MHz~7125MHz	-1

The output power measurement method Section F is made according to KDB 987594 and KDB 789033.

Note: mimo eirp value=Conducted values (with conducted samples) + Antenna Gain.

Measurement Results:

MIMO:

Chain1/2

802.11a mode

Mode	Channel	Test Result (dBm)				
		Ant10	Ant14	mimo	Directional Gain	mimo eirp
		6M	6M	6M	6M	6M
802.11a	5955MHz (Ch1)	-6.98	-7.40	-4.17	1.35	-2.82
	6175MHz (Ch45)	-7.72	-8.52	-5.09	1.35	-3.74
	6415MHz (Ch93)	-7.19	-7.45	-4.31	1.35	-2.96
	6435MHz (Ch97)	-7.00	-6.60	-3.79	0.06	-3.73
	6475MHz (Ch105)	-6.99	-7.20	-4.08	0.06	-4.02
	6515MHz (Ch113)	-6.93	-7.00	-3.95	0.06	-3.89
	6535MHz (Ch117)	-5.52	-6.11	-2.79	-1.68	-4.47
	6695MHz (Ch149)	-5.36	-6.33	-2.81	-1.68	-4.49
	6855MHz (Ch181)	-5.36	-6.23	-2.76	-1.68	-4.44
	6875MHz (Ch185)	-2.06	-3.15	0.44	-4.18	-3.74
	6895MHz (ch189)	-2.23	-3.18	0.33	-4.18	-3.85
	6995MHz (Ch209)	-3.05	-3.53	-0.27	-4.18	-4.45
7115MHz (Ch233)	-28.28	-28.29	-25.27	-4.18	-29.45	

The data rate 6Mbps is selected as worse condition, and the following cases are performed with this condition.

802.11be HE20(full RU) mode

Mode	Channel	Test Result (dBm)				
		Ant10	Ant14	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
802.11be-20 full RU	5955MHz (Ch1)	-7.47	-7.94	-4.69	1.35	-3.34
	6175MHz (Ch45)	-8.45	-8.83	-5.63	1.35	-4.28
	6415MHz (Ch93)	-7.40	-8.02	-4.69	1.35	-3.34
	6435MHz (Ch97)	-7.05	-7.68	-4.34	0.06	-4.28
	6475MHz (Ch105)	-7.26	-7.72	-4.47	0.06	-4.41
	6515MHz (Ch113)	-7.75	-7.45	-4.59	0.06	-4.53
	6535MHz (Ch117)	-6.29	-5.87	-3.06	-1.68	-4.74
	6695MHz (Ch149)	-6.32	-6.02	-3.16	-1.68	-4.84
	6855MHz (Ch181)	-5.26	-5.77	-2.50	-1.68	-4.18
	6875MHz (Ch185)	-2.31	-3.59	0.11	-4.18	-4.07
	6895MHz (ch189)	-2.53	-3.22	0.15	-4.18	-4.03
	6995MHz (Ch209)	-3.64	-4.59	-1.08	-4.18	-5.26
	7115MHz (Ch233)	-28.76	-28.54	-25.64	-4.18	-29.82

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

802.11be-HE40(full RU) mode

Mode	Channel	Test Result (dBm)				
		Ant10	Ant14	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
802.11be-40 full RU	5965MHz (Ch3)	-9.92	-10.28	-7.09	1.35	-5.74
	6165MHz (Ch43)	-11.06	-11.67	-8.34	1.35	-6.99
	6405MHz (Ch91)	-10.18	-10.36	-7.26	1.35	-5.91
	6445MHz (Ch99)	-10.45	-11.11	-7.76	0.06	-7.70
	6485MHz (Ch107)	-10.43	-11.17	-7.77	0.06	-7.71
	6525MHz (Ch115)	-10.62	-10.85	-7.72	0.06	-7.66
	6565MHz (Ch123)	-9.35	-10.05	-6.68	-1.68	-8.36
	6685MHz (Ch147)	-9.44	-9.85	-6.63	-1.68	-8.31
	6845MHz (Ch179)	-8.48	-9.39	-5.90	-1.68	-7.58
	6885MHz (Ch187)	-4.94	-5.91	-2.39	-4.18	-6.57
	6925MHz (ch195)	-5.96	-6.56	-3.24	-4.18	-7.42
	6965MHz (Ch203)	-6.04	-7.09	-3.52	-4.18	-7.70
	7085MHz (Ch227)	-5.91	-6.61	-3.24	-4.18	-7.42

The data rate MCS0 is selected as worse condition, and the following cases are performed with

this condition.

802.11be-HE80(full RU) mode

Mode	Channel	Tone	Test Result (dBm)					
			configure	Ant10	Ant14	mimo	Directional Gain	mimo eirp
				MCS0	MCS0	MCS0	MCS0	MCS0
802.11be -80 full RU	5985MHz (Ch7)	/	/	-12.58	-13.56	-10.03	1.35	-8.68
	6145MHz (Ch39)	/	/	-13.89	-14.72	-11.27	1.35	-9.92
	6385MHz (Ch87)	/	/	-13.07	-13.99	-10.50	1.35	-9.15
	6465MHz (Ch103)	/	/	-12.94	-13.83	-10.35	0.06	-10.29
	6545MHz (Ch119)	/	/	-12.57	-12.33	-9.44	-1.68	-11.12
	6625MHz (Ch135)	/	/	-12.16	-13.09	-9.59	-1.68	-11.27
	6705MHz (Ch151)	/	/	-12.10	-13.03	-9.53	-1.68	-11.21
	6785MHz (Ch167)	/	/	-11.49	-12.29	-8.86	-1.68	-10.54
	6865MHz (Ch183)	/	/	-11.35	-12.45	-8.85	-1.68	-10.53
	6945MHz (Ch199)	/	/	-8.31	-9.46	-5.84	-4.18	-10.02
	7025MHz (Ch215)	/	/	-9.00	-9.64	-6.30	-4.18	-10.48

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

802.11be-HE160(full RU) mode

Mode	Channel	Tone	Test Result (dBm)					
			configure	Ant10	Ant14	mimo	Directional Gain	mimo eirp
				MCS0	MCS0	MCS0	MCS0	MCS0
802.11be-160 full RU	6025MHz (Ch15)	/	/	-15.82	-16.74	-13.25	1.35	-11.90
	6185MHz (Ch47)	/	/	-15.95	-16.69	-13.29	1.35	-11.94
	6345MHz (Ch79)	/	/	-16.13	-17.57	-13.78	1.35	-12.43
	6505MHz (Ch111)	/	/	-16.13	-16.58	-13.34	0.06	-13.28
	6665MHz (Ch143)	/	/	-14.76	-15.52	-12.11	-1.68	-13.79
	6825MHz (Ch175)	/	/	-14.66	-15.60	-12.09	-1.68	-13.77
	6985MHz (Ch207)	/	/	-12.22	-13.05	-9.60	-4.18	-13.78

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

802.11be-HE320(full RU) mode

Mode	Channel	Tone	Test Result (dBm)					
			configure	Ant10	Ant14	mimo	Directional Gain	mimo eirp
				MCS0	MCS0	MCS0	MCS0	MCS0
802.11be-320 full RU	6105MHz (Ch31)	/	/	-19.11	-20.27	-16.64	1.35	-15.29
	6265MHz (Ch63)	/	/	-19.61	-20.16	-16.87	1.35	-15.52
	6425MHz (Ch95)	/	/	-17.92	-18.71	-15.29	0.06	-15.23
	6585MHz (Ch127)	/	/	-17.95	-18.92	-15.40	-1.68	-17.08
	6745MHz (Ch159)	/	/	-17.51	-18.25	-14.85	-1.68	-16.53
	6905MHz (Ch191)	/	/	-14.49	-15.46	-11.94	-4.18	-16.12

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

802.11be-20 single RU

Mode	Channel	Test Result (dBm)				
		Ant10	Ant14	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
RU26-I	5955MHz (Ch1)	-7.81	-8.10	-4.94	1.35	-3.59
	6175MHz (Ch45)	-5.98	-6.53	-3.24	1.35	-1.89
	6415MHz (Ch93)	-7.19	-7.73	-4.44	1.35	-3.09
	6435MHz (Ch97)	-7.11	-7.90	-4.48	0.06	-4.42
	6475MHz (Ch105)	-7.07	-7.82	-4.42	0.06	-4.36
	6515MHz (Ch113)	-7.18	-7.88	-4.51	0.06	-4.45
RU26-R	6535MHz (Ch117)	-7.28	-7.76	-4.50	-1.68	-6.18
	6695MHz (Ch149)	-8.53	-9.04	-5.77	-1.68	-7.45
	6855MHz (Ch181)	-7.57	-8.00	-4.77	-1.68	-6.45
	6875MHz (Ch185)	-7.43	-8.02	-4.70	-4.18	-8.88
	6895MHz (ch189)	-7.31	-8.43	-4.82	-4.18	-9.00
	6995MHz (Ch209)	-7.81	-8.51	-5.14	-4.18	-9.32
	7115MHz (Ch233)	-9.29	-8.52	-5.88	-4.18	-10.06

Mode	Channel	Test Result (dBm)				
		Ant10	Ant14	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
RU52-I	5955MHz (Ch1)	-6.95	-7.49	-4.20	1.35	-2.85
	6175MHz (Ch45)	-7.50	-8.31	-4.88	1.35	-3.53
	6415MHz (Ch93)	-6.64	-7.78	-4.16	1.35	-2.81
	6435MHz (Ch97)	-7.58	-8.68	-5.08	0.06	-5.02
	6475MHz (Ch105)	-7.66	-8.43	-5.02	0.06	-4.96
	6515MHz (Ch113)	-8.09	-8.53	-5.29	0.06	-5.23
RU52-R	6535MHz (Ch117)	-8.03	-8.77	-5.37	-1.68	-7.05
	6695MHz (Ch149)	-9.18	-9.06	-6.11	-1.68	-7.79
	6855MHz (Ch181)	-7.10	-8.06	-4.54	-1.68	-6.22
	6875MHz (Ch185)	-6.96	-7.94	-4.41	-4.18	-8.59
	6895MHz (ch189)	-6.94	-8.04	-4.44	-4.18	-8.62
	6995MHz (Ch209)	-9.42	-9.09	-6.24	-4.18	-10.42
7115MHz (Ch233)	-9.58	-8.59	-6.05	-4.18	-10.23	
Mode	Channel	Test Result (dBm)				
		Ant10	Ant14	mimo	Directional Gain	mimo eirp

		MCS0	MCS0	MCS0	MCS0	MCS0
RU106-I	5955MHz (Ch1)	-7.27	-8.29	-4.74	1.35	-3.39
	6175MHz (Ch45)	-7.92	-9.40	-5.59	1.35	-4.24
	6415MHz (Ch93)	-7.12	-7.79	-4.43	1.35	-3.08
	6435MHz (Ch97)	-7.80	-8.99	-5.34	0.06	-5.28
	6475MHz (Ch105)	-8.15	-8.81	-5.46	0.06	-5.40
	6515MHz (Ch113)	-8.48	-8.42	-5.44	0.06	-5.38
RU106-R	6535MHz (Ch117)	-8.73	-8.46	-5.58	-1.68	-7.26
	6695MHz (Ch149)	-8.41	-8.76	-5.57	-1.68	-7.25
	6855MHz (Ch181)	-7.44	-8.41	-4.89	-1.68	-6.57
	6875MHz (Ch185)	-7.31	-8.03	-4.64	-4.18	-8.82
	6895MHz (ch189)	-7.43	-8.43	-4.89	-4.18	-9.07
	6995MHz (Ch209)	-8.02	-9.00	-5.47	-4.18	-9.65
	7115MHz (Ch233)	-7.80	-8.70	-5.22	-4.18	-9.40

802.11be-20 MRU(small)

Mode	Channel	Test Result (dBm)				
		Ant10	Ant14	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
52 Tone,index38 + 26Tone,index1	5955MHz (Ch1)	-9.71	-11.94	-7.67	1.35	-6.32
	6175MHz (Ch45)	-10.52	-11.74	-8.08	1.35	-6.73
	6415MHz (Ch93)	-9.59	-10.75	-7.12	1.35	-5.77
	6435MHz (Ch97)	-10.44	-11.01	-7.71	0.06	-7.65
	6475MHz (Ch105)	-10.50	-11.47	-7.95	0.06	-7.89
	6515MHz (Ch113)	-10.64	-11.62	-8.09	0.06	-8.03
52 Tone,index39 + 26Tone,index7	6535MHz (Ch117)	-11.21	-11.47	-8.33	-1.68	-10.01
	6695MHz (Ch149)	-11.20	-11.77	-8.47	-1.68	-10.15
	6855MHz (Ch181)	-10.49	-11.48	-7.95	-1.68	-9.63
	6875MHz (Ch185)	-10.00	-11.16	-7.53	-4.18	-11.71
	6895MHz (ch189)	-9.93	-10.95	-7.40	-4.18	-11.58
	6995MHz (Ch209)	-10.22	-10.20	-7.20	-4.18	-11.38
	7115MHz (Ch233)	-10.19	-10.62	-7.39	-4.18	-11.57
Mode	Channel	Test Result (dBm)				
		Ant10	Ant14	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
106 Tone,index53 + 26Tone,index4	5955MHz (Ch1)	-6.98	-7.96	-4.43	1.35	-3.08
	6175MHz (Ch45)	-7.64	-8.91	-5.22	1.35	-3.87
	6415MHz (Ch93)	-6.57	-7.30	-3.91	1.35	-2.56
	6435MHz (Ch97)	-7.64	-8.67	-5.11	0.06	-5.05

	6475MHz (Ch105)	-7.67	-8.24	-4.94	0.06	-4.88
	6515MHz (Ch113)	-8.21	-8.58	-5.38	0.06	-5.32
106 Tone,index54 + 26Tone,index4	6535MHz (Ch117)	-7.86	-8.51	-5.16	-1.68	-6.84
	6695MHz (Ch149)	-7.87	-8.01	-4.93	-1.68	-6.61
	6855MHz (Ch181)	-7.89	-8.13	-5.00	-1.68	-6.68
	6875MHz (Ch185)	-6.90	-8.04	-4.42	-4.18	-8.60
	6895MHz (ch189)	-7.12	-8.71	-4.83	-4.18	-9.01
	6995MHz (Ch209)	-7.74	-6.75	-4.21	-4.18	-8.39
	7115MHz (Ch233)	-7.41	-8.33	-4.84	-4.18	-9.02

802.11be-80 MRU(large) & punctured

Mode	Channel	Tone	Test Result (dBm)					
			configure	Ant10	Ant14	mimo	Directional Gain	mimo eirp
				MCS0	MCS0	MCS0	MCS0	MCS0
802.11be-80	5985MHz (Ch7)	484+242 Tone	1	-11.56	-12.29	-8.90	1.35	-7.55
			2	-11.38	-12.21	-8.76	1.35	-7.41
			3	-11.49	-11.99	-8.72	1.35	-7.37
			4	-11.48	-12.48	-8.94	1.35	-7.59
	6145MHz (Ch39)	484+242 Tone	1	-12.13	-13.04	-9.55	1.35	-8.20
			2	-11.74	-12.63	-9.15	1.35	-7.80
			3	-11.52	-12.40	-8.93	1.35	-7.58
			4	-12.25	-12.70	-9.46	1.35	-8.11
	6385MHz (Ch87)	484+242 Tone	1	-9.82	-11.38	-7.52	1.35	-6.17
			2	-9.87	-10.60	-7.21	1.35	-5.86
			3	-9.65	-10.53	-7.06	1.35	-5.71
			4	-10.40	-11.28	-7.81	1.35	-6.46
	6465MHz (Ch103)	484+242 Tone	1	-11.93	-11.82	-8.86	0.06	-8.80
			2	-11.07	-11.59	-8.31	0.06	-8.25
			3	-11.28	-11.65	-8.45	0.06	-8.39
			4	-11.86	-12.87	-9.33	0.06	-9.27
	6545MHz (Ch119)	484+242 Tone	1	-11.28	-11.47	-8.36	-1.68	-10.04
			2	-10.82	-11.61	-8.19	-1.68	-9.87
			3	-10.40	-11.30	-7.82	-1.68	-9.50
			4	-11.37	-11.94	-8.64	-1.68	-10.32
	6625MHz (Ch135)	484+242 Tone	1	-11.48	-11.83	-8.64	-1.68	-10.32
			2	-10.66	-11.38	-7.99	-1.68	-9.67
			3	-10.66	-11.58	-8.09	-1.68	-9.77
			4	-11.42	-12.80	-9.05	-1.68	-10.73

	6705MHz (Ch151)	484+242 Tone	1	-11.14	-11.55	-8.33	-1.68	-10.01
			2	-10.60	-11.86	-8.17	-1.68	-9.85
			3	-10.36	-11.26	-7.78	-1.68	-9.46
			4	-11.38	-12.10	-8.71	-1.68	-10.39
	6785MHz (Ch167)	484+242 Tone	1	-10.40	-11.56	-7.93	-1.68	-9.61
			2	-9.75	-10.92	-7.29	-1.68	-8.97
			3	-9.56	-10.79	-7.12	-1.68	-8.80
			4	-10.48	-11.64	-8.01	-1.68	-9.69
	6865MHz (Ch183)	484+242 Tone	1	-10.32	-11.42	-7.82	-1.68	-9.50
			2	-9.10	-10.45	-6.71	-1.68	-8.39
			3	-9.65	-10.57	-7.08	-1.68	-8.76
			4	-10.33	-11.49	-7.86	-1.68	-9.54
	6945MHz (Ch199)	484+242 Tone	1	-7.31	-8.37	-4.80	-4.18	-8.98
			2	-6.46	-8.10	-4.19	-4.18	-8.37
			3	-6.59	-8.32	-4.36	-4.18	-8.54
			4	-7.22	-8.93	-4.98	-4.18	-9.16
	7025MHz (Ch215)	484+242 Tone	1	-7.80	-8.29	-5.03	-4.18	-9.21
			2	-7.18	-7.97	-4.55	-4.18	-8.73
			3	-6.96	-7.88	-4.39	-4.18	-8.57
			4	-7.87	-8.37	-5.10	-4.18	-9.28

802.11be-160 MRU(large) & punctured

Mode	Channel	Tone	Test Result (dBm)					
			configure	Ant10	Ant14	mimo	Directional Gain	mimo eirp
				MCS0	MCS0	MCS0	MCS0	MCS0
802.11be-160	6025MHz (Ch15)	996+484+242 Tone	1	-17.44	-18.18	-14.78	1.35	-13.43
			2	-17.56	-17.98	-14.75	1.35	-13.40
			3	-17.27	-17.76	-14.50	1.35	-13.15
			4	-16.89	-17.49	-14.17	1.35	-12.82
			5	-16.90	-16.47	-13.67	1.35	-12.32
			6	-17.07	-16.22	-13.61	1.35	-12.26
			7	-17.36	-16.54	-13.92	1.35	-12.57
			8	-17.27	-17.99	-14.60	1.35	-13.25
	6185MHz (Ch47)	996+484+242 Tone	1	-17.36	-18.58	-14.92	1.35	-13.57
			2	-17.52	-18.42	-14.94	1.35	-13.59
			3	-17.22	-18.70	-14.89	1.35	-13.54
			4	-16.86	-18.41	-14.56	1.35	-13.21
			5	-17.18	-17.77	-14.45	1.35	-13.10
			6	-17.05	-17.69	-14.35	1.35	-13.00
			7	-17.31	-17.79	-14.53	1.35	-13.18

		8	-17.57	-17.44	-14.49	1.35	-13.14
6345MHz (Ch79)	996+484+242 Tone	1	-17.83	-19.16	-15.43	1.35	-14.08
		2	-17.43	-18.11	-14.75	1.35	-13.40
		3	-17.37	-18.16	-14.74	1.35	-13.39
		4	-16.94	-17.63	-14.26	1.35	-12.91
		5	-17.13	-17.88	-14.48	1.35	-13.13
		6	-17.17	-17.74	-14.44	1.35	-13.09
		7	-17.50	-17.49	-14.48	1.35	-13.13
		8	-17.36	-18.34	-14.81	1.35	-13.46
6505MHz (Ch111)	996+484+242 Tone	1	-15.95	-16.56	-13.23	0.06	-13.17
		2	-15.81	-16.47	-13.12	0.06	-13.06
		3	-15.49	-16.44	-12.93	0.06	-12.87
		4	-15.07	-15.69	-12.36	0.06	-12.30
		5	-15.35	-15.75	-12.54	0.06	-12.48
		6	-15.22	-15.76	-12.47	0.06	-12.41
		7	-14.70	-15.44	-12.04	0.06	-11.98
		8	-15.60	-16.32	-12.93	0.06	-12.87
6665MHz (Ch143)	996+484+242 Tone	1	-14.60	-15.64	-12.08	-1.68	-13.76
		2	-14.15	-15.52	-11.77	-1.68	-13.45
		3	-13.87	-15.48	-11.59	-1.68	-13.27
		4	-13.99	-14.83	-11.38	-1.68	-13.06
		5	-14.16	-15.61	-11.81	-1.68	-13.49
		6	-14.18	-15.71	-11.87	-1.68	-13.55
		7	-13.92	-15.32	-11.55	-1.68	-13.23
		8	-14.35	-15.86	-12.03	-1.68	-13.71
6825MHz (Ch175)	996+484+242 Tone	1	-14.03	-15.23	-11.58	-1.68	-13.26
		2	-14.23	-15.05	-11.61	-1.68	-13.29
		3	-13.65	-15.11	-11.31	-1.68	-12.99
		4	-13.65	-14.77	-11.16	-1.68	-12.84
		5	-13.97	-14.41	-11.17	-1.68	-12.85
		6	-13.94	-14.76	-11.32	-1.68	-13.00
		7	-13.36	-14.80	-11.01	-1.68	-12.69
		8	-14.33	-15.21	-11.74	-1.68	-13.42
6985MHz (Ch207)	996+484+242 Tone	1	-11.73	-12.88	-9.26	-4.18	-13.44
		2	-11.51	-13.09	-9.22	-4.18	-13.40
		3	-11.33	-12.25	-8.76	-4.18	-12.94
		4	-11.14	-12.14	-8.60	-4.18	-12.78
		5	-11.33	-12.50	-8.87	-4.18	-13.05
		6	-11.42	-12.51	-8.92	-4.18	-13.10
		7	-10.92	-12.90	-8.79	-4.18	-12.97

			8	-11.91	-12.27	-9.08	-4.18	-13.26
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Mode	Channel	Tone	Test Result (dBm)					
			configure	Ant10	Ant14	mimo	Directional Gain	mimo eirp
				MCS0	MCS0	MCS0	MCS0	MCS0
802.11be-160	6025MHz (Ch15)	996+484 Tone	1	-14.05	-15.28	-11.61	1.35	-10.26
			2	-13.66	-14.64	-11.11	1.35	-9.76
			3	-14.01	-15.20	-11.55	1.35	-10.20
			4	-14.31	-15.52	-11.86	1.35	-10.51
	6185MHz (Ch47)	996+484 Tone	1	-14.31	-15.43	-11.82	1.35	-10.47
			2	-13.22	-14.60	-10.85	1.35	-9.50
			3	-13.73	-14.61	-11.14	1.35	-9.79
			4	-13.92	-14.89	-11.37	1.35	-10.02
	6345MHz (Ch79)	996+484 Tone	1	-14.55	-15.51	-11.99	1.35	-10.64
			2	-13.47	-14.69	-11.03	1.35	-9.68
			3	-13.60	-14.71	-11.11	1.35	-9.76
			4	-14.08	-15.40	-11.68	1.35	-10.33
	6505MHz (Ch111)	996+484 Tone	1	-14.57	-15.25	-11.89	0.06	-11.83
			2	-13.69	-14.13	-10.89	0.06	-10.83
			3	-14.13	-14.03	-11.07	0.06	-11.01
			4	-14.12	-15.17	-11.60	0.06	-11.54
	6665MHz (Ch143)	996+484 Tone	1	-13.47	-14.98	-11.15	-1.68	-12.83
			2	-12.52	-13.54	-9.99	-1.68	-11.67
			3	-12.56	-13.98	-10.20	-1.68	-11.88
			4	-13.40	-14.85	-11.05	-1.68	-12.73
	6825MHz (Ch175)	996+484 Tone	1	-12.81	-14.76	-10.67	-1.68	-12.35
			2	-12.26	-13.31	-9.74	-1.68	-11.42
			3	-12.38	-13.98	-10.10	-1.68	-11.78
			4	-13.12	-13.13	-10.11	-1.68	-11.79
	6985MHz (Ch207)	996+484 Tone	1	-10.81	-11.93	-8.32	-4.18	-12.50
			2	-9.81	-11.19	-7.44	-4.18	-11.62
			3	-9.87	-11.08	-7.42	-4.18	-11.60
			4	-10.50	-11.98	-8.17	-4.18	-12.35

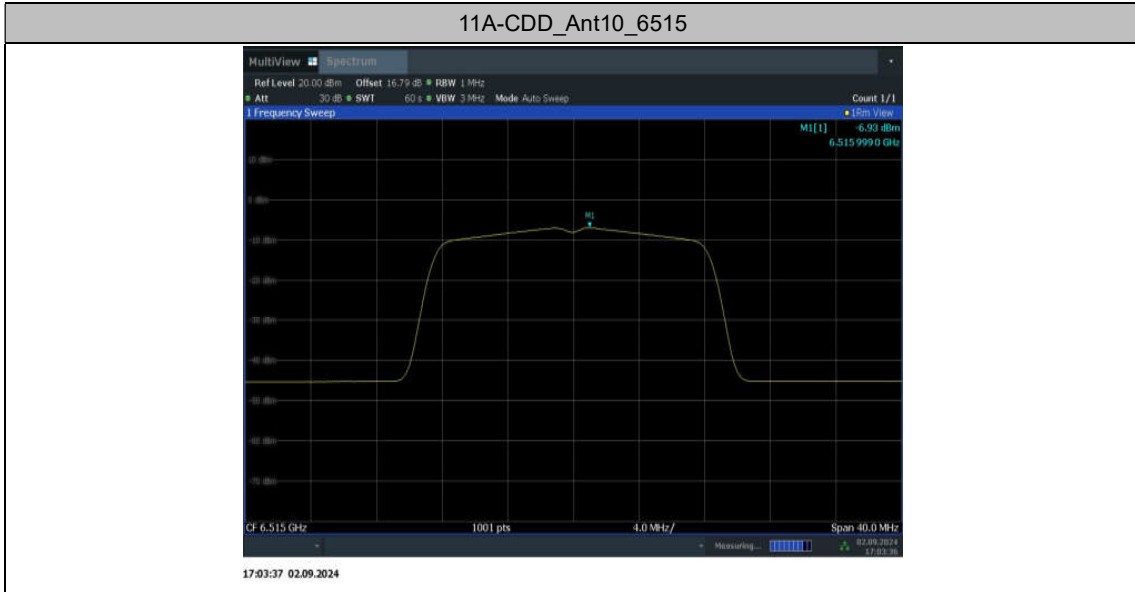
802.11be-320 MRU(large) & punctured

Mode	Channel	Tone	Test Result (dBm)						
			configure	Ant10	Ant14	mimo	Directional Gain	mimo eirp	
				MCS0	MCS0	MCS0	MCS0	MCS0	
802.11be-320	6105MHz (Ch31)	2x996+484 Tone	1	-17.72	-18.98	-15.29	1.35	-13.94	
			2	-17.61	-18.88	-15.19	1.35	-13.84	
			3	-17.26	-18.33	-14.75	1.35	-13.40	
			4	-17.02	-18.23	-14.57	1.35	-13.22	
			5	-17.18	-18.26	-14.68	1.35	-13.33	
			6	-17.35	-18.47	-14.86	1.35	-13.51	
			7	-17.31	-18.33	-14.78	1.35	-13.43	
			8	-17.11	-18.38	-14.69	1.35	-13.34	
			9	-17.13	-18.45	-14.73	1.35	-13.38	
			10	-17.27	-18.55	-14.85	1.35	-13.50	
			11	-17.60	-18.75	-15.13	1.35	-13.78	
			12	-17.62	-18.92	-15.21	1.35	-13.86	
		3x996 Tone	3x996 Tone	1	-17.90	-19.03	-15.42	1.35	-14.07
				2	-17.01	-18.21	-14.56	1.35	-13.21
				3	-17.51	-18.21	-14.84	1.35	-13.49
				4	-17.79	-18.71	-15.22	1.35	-13.87
		3x996+484 Tone	3x996+484 Tone	1	-18.71	-19.57	-16.11	1.35	-14.76
				2	-18.56	-19.45	-15.97	1.35	-14.62
				3	-18.36	-19.32	-15.80	1.35	-14.45
				4	-17.73	-18.63	-15.15	1.35	-13.80
				5	-19.65	-19.45	-16.54	1.35	-15.19
				6	-19.76	-19.42	-16.58	1.35	-15.23
				7	-19.87	-19.33	-16.58	1.35	-15.23
				8	-19.93	-19.70	-16.80	1.35	-15.45
		2x996+484 Tone	2x996+484 Tone	1	-17.62	-18.33	-14.95	1.35	-13.60
				2	-17.78	-18.57	-15.15	1.35	-13.80
				3	-17.44	-18.76	-15.04	1.35	-13.69
				4	-16.86	-18.27	-14.50	1.35	-13.15
				5	-17.41	-18.77	-15.03	1.35	-13.68
				6	-17.28	-18.20	-14.71	1.35	-13.36
				7	-17.62	-18.80	-15.16	1.35	-13.81
				8	-17.29	-18.25	-14.73	1.35	-13.38
				9	-17.29	-18.49	-14.84	1.35	-13.49
	10			-17.75	-18.32	-15.02	1.35	-13.67	
	11			-17.61	-18.55	-15.04	1.35	-13.69	

			12	-17.72	-18.32	-15.00	1.35	-13.65	
		3x996 Tone	1	-18.45	-19.10	-15.75	1.35	-14.40	
			2	-17.48	-18.55	-14.97	1.35	-13.62	
			3	-17.85	-18.72	-15.25	1.35	-13.90	
			4	-18.36	-19.58	-15.92	1.35	-14.57	
		3x996+484 Tone	1	-19.02	-19.58	-16.28	1.35	-14.93	
			2	-18.79	-19.45	-16.10	1.35	-14.75	
			3	-18.58	-19.25	-15.89	1.35	-14.54	
			4	-18.32	-19.37	-15.80	1.35	-14.45	
			5	-19.43	-20.02	-16.70	1.35	-15.35	
			6	-19.55	-19.78	-16.65	1.35	-15.30	
			7	-19.65	-19.93	-16.78	1.35	-15.43	
			8	-19.73	-19.77	-16.74	1.35	-15.39	
	6425MHz (Ch95)	2x996+484 Tone	1	-16.74	-17.94	-14.29	0.06	-14.23	
				2	-16.65	-17.71	-14.14	0.06	-14.08
				3	-16.26	-17.48	-13.82	0.06	-13.76
				4	-15.93	-17.29	-13.55	0.06	-13.49
				5	-15.77	-16.95	-13.31	0.06	-13.25
				6	-15.91	-17.45	-13.60	0.06	-13.54
				7	-15.85	-17.14	-13.44	0.06	-13.38
				8	-16.02	-17.40	-13.65	0.06	-13.59
				9	-16.04	-17.33	-13.63	0.06	-13.57
				10	-16.20	-17.25	-13.68	0.06	-13.62
				11	-16.15	-17.42	-13.73	0.06	-13.67
				12	-16.49	-17.12	-13.78	0.06	-13.72
			3x996 Tone	1	-16.59	-17.19	-13.87	0.06	-13.81
				2	-16.00	-17.50	-13.68	0.06	-13.62
				3	-16.15	-17.39	-13.72	0.06	-13.66
				4	-16.80	-17.79	-14.26	0.06	-14.20
			3x996+484 Tone	1	-18.58	-18.51	-15.53	0.06	-15.47
				2	-17.28	-18.70	-14.92	0.06	-14.86
				3	-16.85	-18.58	-14.62	0.06	-14.56
				4	-16.90	-20.31	-15.27	0.06	-15.21
				5	-17.00	-20.16	-15.29	0.06	-15.23
				6	-17.04	-18.60	-14.74	0.06	-14.68
				7	-16.95	-20.52	-15.37	0.06	-15.31
				8	-17.40	-20.65	-15.72	0.06	-15.66
	6585MHz (Ch127)	2x996+484 Tone	1	-16.49	-17.36	-13.89	-1.68	-15.57	
				2	-16.29	-17.25	-13.73	-1.68	-15.41
				3	-16.12	-15.73	-12.91	-1.68	-14.59

6745MHz (Ch159)			4	-15.91	-15.48	-12.68	-1.68	-14.36	
			5	-15.79	-15.72	-12.74	-1.68	-14.42	
			6	-16.08	-15.65	-12.85	-1.68	-14.53	
			7	-16.06	-15.66	-12.85	-1.68	-14.53	
			8	-15.51	-17.36	-13.33	-1.68	-15.01	
			9	-15.76	-15.72	-12.73	-1.68	-14.41	
			10	-16.03	-15.99	-13.00	-1.68	-14.68	
			11	-16.00	-16.33	-13.15	-1.68	-14.83	
			12	-16.06	-15.33	-12.67	-1.68	-14.35	
			3x996 Tone	1	-16.55	-17.05	-13.78	-1.68	-15.46
				2	-15.53	-16.21	-12.85	-1.68	-14.53
				3	-15.90	-15.88	-12.88	-1.68	-14.56
	4	-16.38		-16.65	-13.50	-1.68	-15.18		
	3x996+484 Tone	1	-17.15	-17.19	-14.16	-1.68	-15.84		
		2	-17.21	-17.63	-14.40	-1.68	-16.08		
		3	-17.08	-17.19	-14.12	-1.68	-15.80		
		4	-16.83	-17.19	-14.00	-1.68	-15.68		
		5	-16.70	-17.90	-14.25	-1.68	-15.93		
		6	-16.90	-17.33	-14.10	-1.68	-15.78		
		7	-17.11	-18.34	-14.67	-1.68	-16.35		
		8	-17.30	-17.69	-14.48	-1.68	-16.16		
	2x996+484 Tone	1	-16.30	-16.96	-13.61	-1.68	-15.29		
		2	-16.05	-16.39	-13.21	-1.68	-14.89		
		3	-15.66	-16.23	-12.93	-1.68	-14.61		
		4	-15.36	-15.82	-12.57	-1.68	-14.25		
		5	-15.32	-17.77	-13.36	-1.68	-15.04		
		6	-15.67	-16.47	-13.04	-1.68	-14.72		
		7	-15.43	-16.52	-12.93	-1.68	-14.61		
		8	-15.69	-16.71	-13.16	-1.68	-14.84		
		9	-15.19	-15.94	-12.54	-1.68	-14.22		
		10	-15.90	-16.42	-13.14	-1.68	-14.82		
		11	-15.68	-16.61	-13.11	-1.68	-14.79		
		12	-15.81	-16.43	-13.10	-1.68	-14.78		
	3x996 Tone	1	-16.19	-17.05	-13.59	-1.68	-15.27		
		2	-15.85	-16.48	-13.14	-1.68	-14.82		
		3	-15.40	-16.50	-12.90	-1.68	-14.58		
4		-16.43	-16.78	-13.59	-1.68	-15.27			
3x996+484 Tone	1	-16.98	-17.78	-14.35	-1.68	-16.03			
	2	-16.88	-17.93	-14.36	-1.68	-16.04			
	3	-16.41	-17.80	-14.04	-1.68	-15.72			

			4	-16.32	-17.06	-13.66	-1.68	-15.34	
			5	-16.31	-17.44	-13.83	-1.68	-15.51	
			6	-16.54	-17.63	-14.04	-1.68	-15.72	
			7	-16.45	-17.79	-14.06	-1.68	-15.74	
			8	-16.88	-17.69	-14.26	-1.68	-15.94	
6905MHz (Ch191)	2x996+484 Tone		1	-12.94	-14.67	-10.71	-4.18	-14.89	
			2	-12.69	-14.06	-10.31	-4.18	-14.49	
			3	-12.48	-13.86	-10.11	-4.18	-14.29	
			4	-12.11	-13.86	-9.89	-4.18	-14.07	
			5	-12.50	-14.29	-10.29	-4.18	-14.47	
			6	-12.71	-13.84	-10.23	-4.18	-14.41	
			7	-12.88	-13.08	-9.97	-4.18	-14.15	
			8	-12.55	-12.85	-9.69	-4.18	-13.87	
			9	-12.72	-13.26	-9.97	-4.18	-14.15	
			10	-12.56	-13.30	-9.90	-4.18	-14.08	
			11	-13.03	-13.54	-10.27	-4.18	-14.45	
			12	-12.89	-12.87	-9.87	-4.18	-14.05	
		3x996 Tone		1	-13.34	-14.81	-11.00	-4.18	-15.18
			2	-12.36	-13.02	-9.67	-4.18	-13.85	
			3	-12.63	-13.69	-10.12	-4.18	-14.30	
			4	-13.51	-14.00	-10.74	-4.18	-14.92	
		3x996+484 Tone		1	-13.90	-13.87	-10.87	-4.18	-15.05
			2	-14.31	-14.56	-11.42	-4.18	-15.60	
			3	-14.12	-14.31	-11.20	-4.18	-15.38	
			4	-13.72	-14.03	-10.86	-4.18	-15.04	
			5	-13.92	-15.36	-11.57	-4.18	-15.75	
			6	-13.95	-14.25	-11.09	-4.18	-15.27	
			7	-14.16	-14.46	-11.30	-4.18	-15.48	
			8	-14.28	-14.33	-11.29	-4.18	-15.47	



Conclusion: PASS

A.4. 26dB Emission Bandwidth (conducted)

Measurement Limit and Method:

According to FCC guidance, the 26 dB bandwidth has been applied for all channels below 320MHz.

For 320MHz, the 99% bandwidth has been used.

47CFR 15.407(a)(10) The maximum transmitter channel bandwidth for U-NII devices in the 5.925–7.125 GHz band is 320 megahertz.

The measurement is made according to KDB 987594 and KDB 789033

Measurement Result:

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]
11A-CDD	Ant1	5955	18.12	5945.92	5964.04
	Ant2	5955	18.20	5945.88	5964.08
	Ant1	6175	18.04	6165.96	6184.00
	Ant2	6175	18.28	6165.88	6184.16
	Ant1	6415	18.20	6405.84	6424.04
	Ant2	6415	18.28	6405.84	6424.12
	Ant1	6435	18.24	6425.88	6444.12
	Ant2	6435	18.36	6425.76	6444.12
	Ant1	6475	18.20	6465.88	6484.08
	Ant2	6475	18.24	6465.84	6484.08
	Ant1	6515	18.12	6505.92	6524.04
	Ant2	6515	19.44	6504.76	6524.20
	Ant1	6535	18.20	6525.88	6544.08
	Ant2	6535	19.56	6525.80	6545.36
	Ant1	6695	18.12	6685.92	6704.04
	Ant2	6695	20.24	6684.80	6705.04
	Ant1	6855	18.24	6845.84	6864.08
	Ant2	6855	23.92	6843.24	6867.16
	Ant1	6875	19.00	6865.72	6884.72
	Ant2	6875	24.56	6863.32	6887.88
Ant1	6895	19.36	6885.00	6904.36	
Ant2	6895	29.64	6880.32	6909.96	
Ant1	6995	20.16	6985.12	7005.28	
Ant2	6995	25.28	6982.64	7007.92	
Ant1	7115	18.12	7105.92	7124.04	
Ant2	7115	18.20	7105.88	7124.08	
11BE20MIMO	Ant1	5955	19.88	5945.04	5964.92
	Ant2	5955	19.88	5945.04	5964.92
	Ant1	6175	19.84	6165.04	6184.88
	Ant2	6175	19.80	6165.08	6184.88
	Ant1	6415	19.88	6405.04	6424.92

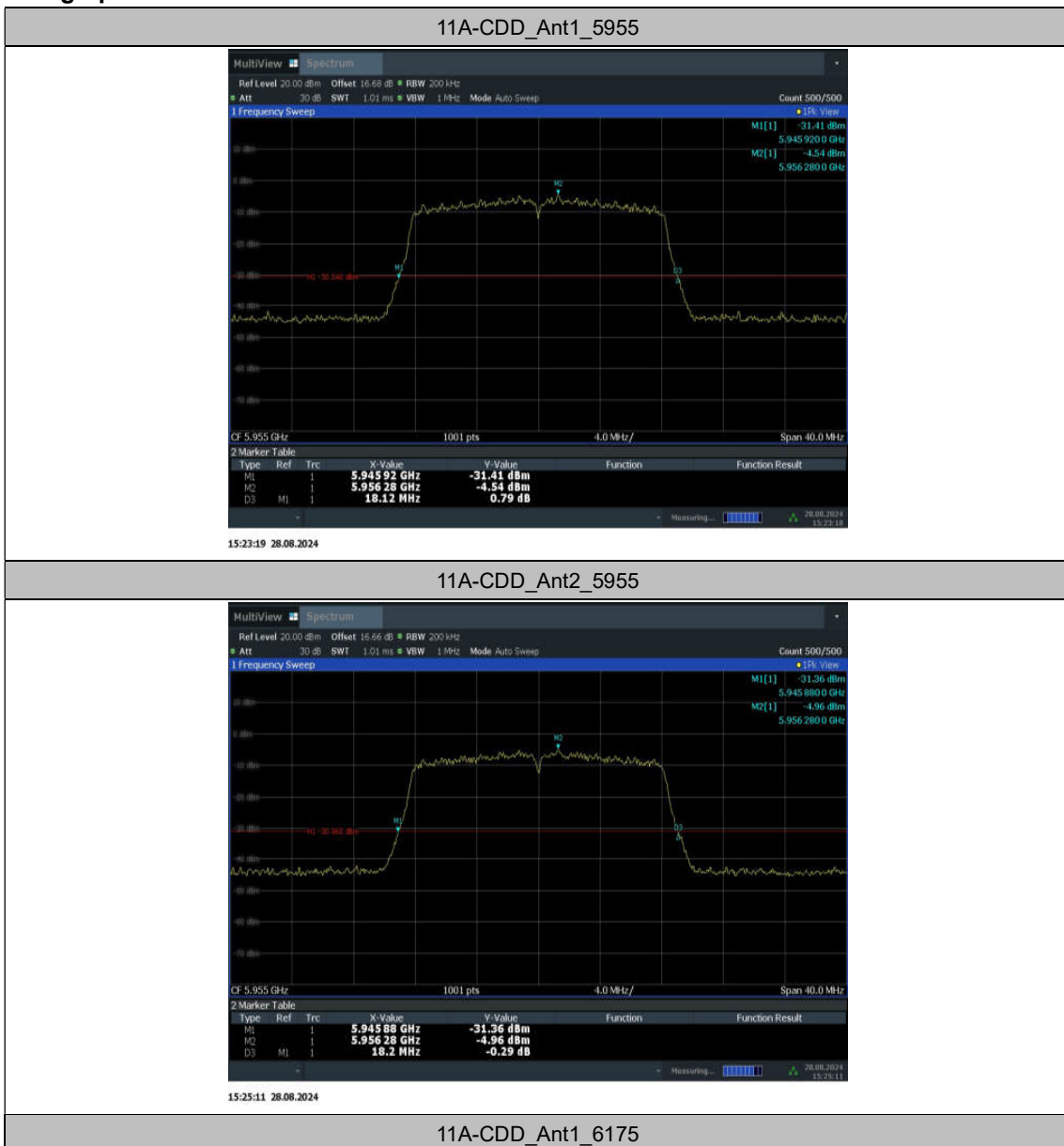
	Ant2	6415	19.80	6405.08	6424.88
	Ant1	6435	19.88	6425.04	6444.92
	Ant2	6435	19.88	6425.04	6444.92
	Ant1	6475	19.88	6465.04	6484.92
	Ant2	6475	19.88	6465.04	6484.92
	Ant1	6515	19.88	6505.08	6524.96
	Ant2	6515	19.84	6505.04	6524.88
	Ant1	6535	19.80	6525.08	6544.88
	Ant2	6535	19.88	6525.04	6544.92
	Ant1	6695	19.88	6685.04	6704.92
	Ant2	6695	23.64	6683.64	6707.28
	Ant1	6855	19.88	6845.04	6864.92
	Ant2	6855	26.60	6841.44	6868.04
	Ant1	6875	19.92	6865.04	6884.96
	Ant2	6875	28.28	6859.72	6888.00
	Ant1	6895	20.04	6885.08	6905.12
	Ant2	6895	31.08	6878.72	6909.80
	Ant1	6995	19.88	6985.04	7004.92
	Ant2	6995	27.88	6981.92	7009.80
	Ant1	7115	19.88	7105.04	7124.92
	Ant2	7115	19.80	7105.08	7124.88
11BE40MIMO	Ant1	5965	39.68	5945.16	5984.84
	Ant2	5965	39.60	5945.16	5984.76
	Ant1	6165	39.76	6145.08	6184.84
	Ant2	6165	39.76	6145.08	6184.84
	Ant1	6405	39.68	6385.16	6424.84
	Ant2	6405	39.76	6385.16	6424.92
	Ant1	6445	39.68	6425.16	6464.84
	Ant2	6445	39.92	6425.00	6464.92
	Ant1	6485	39.68	6465.16	6504.84
	Ant2	6485	39.68	6465.16	6504.84
	Ant1	6525	39.76	6505.16	6544.92
	Ant2	6525	39.68	6505.08	6544.76
	Ant1	6565	39.60	6545.16	6584.76
	Ant2	6565	39.68	6545.16	6584.84
	Ant1	6685	39.68	6665.08	6704.76
	Ant2	6685	47.12	6657.72	6704.84
	Ant1	6845	39.68	6825.08	6864.76
	Ant2	6845	54.08	6816.60	6870.68
	Ant1	6885	44.24	6860.52	6904.76
	Ant2	6885	72.00	6849.80	6921.80
Ant1	6925	39.68	6905.16	6944.84	
Ant2	6925	55.76	6896.76	6952.52	

	Ant1	6965	40.88	6943.96	6984.84
	Ant2	6965	58.24	6933.96	6992.20
	Ant1	7085	39.68	7065.16	7104.84
	Ant2	7085	53.44	7056.92	7110.36
11BE80MIMO	Ant1	5985	80.48	5944.68	6025.16
	Ant2	5985	80.48	5944.68	6025.16
	Ant1	6145	80.32	6104.84	6185.16
	Ant2	6145	80.48	6104.68	6185.16
	Ant1	6385	80.32	6344.84	6425.16
	Ant2	6385	80.48	6344.68	6425.16
	Ant1	6465	80.48	6424.68	6505.16
	Ant2	6465	80.32	6424.84	6505.16
	Ant1	6545	80.32	6504.84	6585.16
	Ant2	6545	80.64	6504.52	6585.16
	Ant1	6625	80.48	6584.68	6665.16
	Ant2	6625	108.32	6573.32	6681.64
	Ant1	6705	80.48	6664.68	6745.16
	Ant2	6705	92.48	6657.48	6749.96
	Ant1	6785	80.32	6744.84	6825.16
	Ant2	6785	88.00	6744.68	6832.68
	Ant1	6865	80.16	6824.84	6905.00
	Ant2	6865	131.04	6796.04	6927.08
	Ant1	6945	85.92	6904.68	6990.60
	Ant2	6945	80.48	6904.68	6985.16
Ant1	7025	80.48	6984.68	7065.16	
Ant2	7025	131.68	6956.52	7088.20	
11BE160MIMO	Ant1	6025	162.56	5943.72	6106.28
	Ant2	6025	162.24	5943.72	6105.96
	Ant1	6185	162.24	6103.72	6265.96
	Ant2	6185	162.56	6103.72	6266.28
	Ant1	6345	162.56	6263.72	6426.28
	Ant2	6345	162.56	6263.72	6426.28
	Ant1	6505	162.24	6423.72	6585.96
	Ant2	6505	235.52	6423.40	6658.92
	Ant1	6665	162.56	6583.72	6746.28
	Ant2	6665	162.24	6583.72	6745.96
	Ant1	6825	162.88	6743.40	6906.28
	Ant2	6825	162.56	6743.40	6905.96
	Ant1	6985	210.88	6855.40	7066.28
	Ant2	6985	318.72	6825.96	7144.68
11BE320MIMO	Ant1	6105	328.96	5940.52	6269.48
	Ant2	6105	328.96	5940.52	6269.48
	Ant1	6265	328.96	6100.52	6429.48

Ant2	6265	330.88	6099.88	6430.76
Ant1	6425	328.96	6260.52	6589.48
Ant2	6425	608.00	6137.00	6745.00
Ant1	6585	328.96	6420.52	6749.48
Ant2	6585	640.00	6265.00	6905.00
Ant1	6745	436.48	6473.00	6909.48
Ant2	6745	640.00	6425.00	7065.00
Ant1	6905	328.96	6740.52	7069.48
Ant2	6905	328.96	6740.52	7069.48

Conclusion: PASS

Test graphs as below:

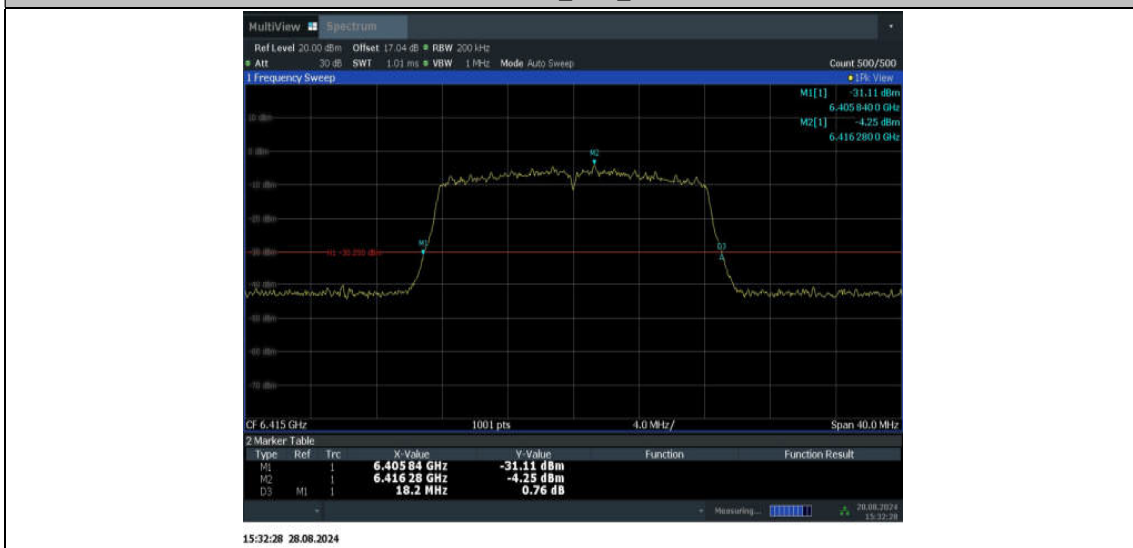




11A-CDD_Ant2_6175



11A-CDD_Ant1_6415



11A-CDD_Ant2_6415



15:34:17 28.08.2024

11A-CDD_Ant1_6435



15:36:27 28.08.2024

11A-CDD_Ant2_6435



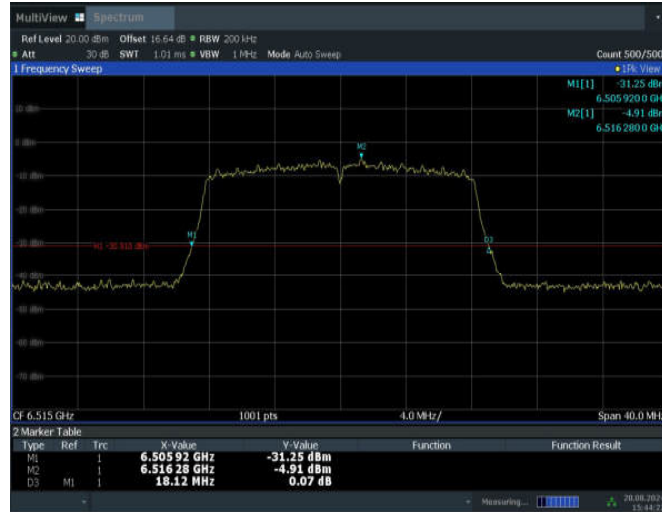
11A-CDD_Ant1_6475



11A-CDD_Ant2_6475



11A-CDD_Ant1_6515



15:44:23 28.08.2024

11A-CDD_Ant2_6515



15:46:12 28.08.2024

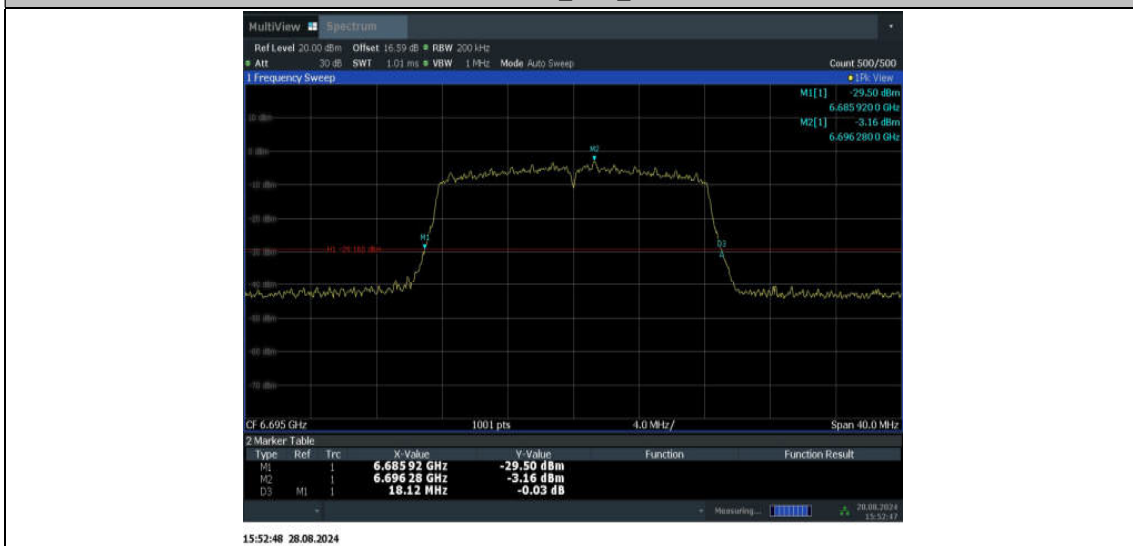
11A-CDD_Ant1_6535



11A-CDD_Ant2_6535



11A-CDD_Ant1_6695



11A-CDD_Ant2_6695



15:54:38 28.08.2024

11A-CDD_Ant1_6855



15:56:48 28.08.2024

11A-CDD_Ant2_6855



11A-CDD_Ant1_6875



11A-CDD_Ant2_6875



11A-CDD_Ant1_6895



16:03:38 28.08.2024

11A-CDD_Ant2_6895



16:05:27 28.08.2024

11A-CDD_Ant1_6995



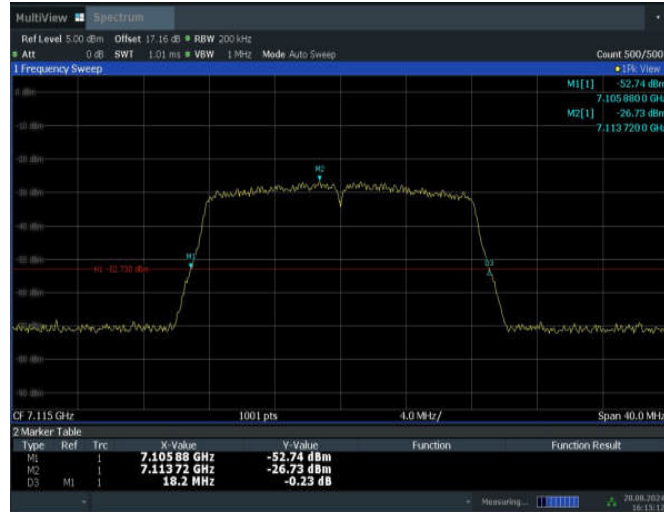
11A-CDD_Ant2_6995



11A-CDD_Ant1_7115



11A-CDD_Ant2_7115



16:15:13 28.08.2024

11BE20MIMO_Ant1_5955



16:25:01 28.08.2024

11BE20MIMO_Ant2_5955



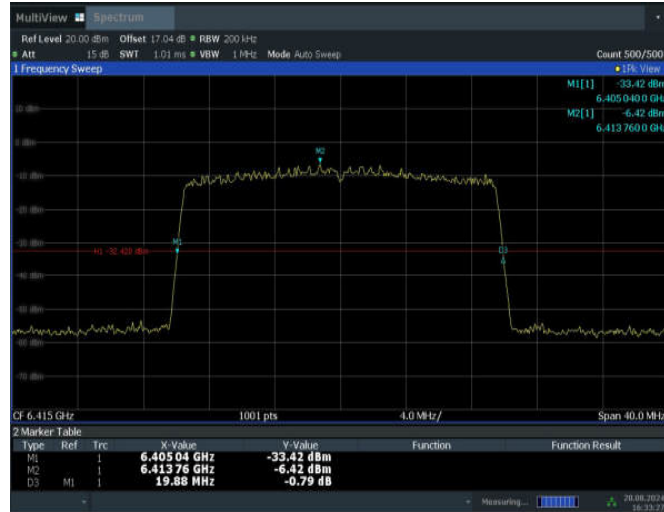
11BE20MIMO_Ant1_6175



11BE20MIMO_Ant2_6175



11BE20MIMO_Ant1_6415



16:33:27 28.08.2024

11BE20MIMO_Ant2_6415



16:35:16 28.08.2024

11BE20MIMO_Ant1_6435



11BE20MIMO_Ant2_6435



11BE20MIMO_Ant1_6475



11BE20MIMO_Ant2_6475



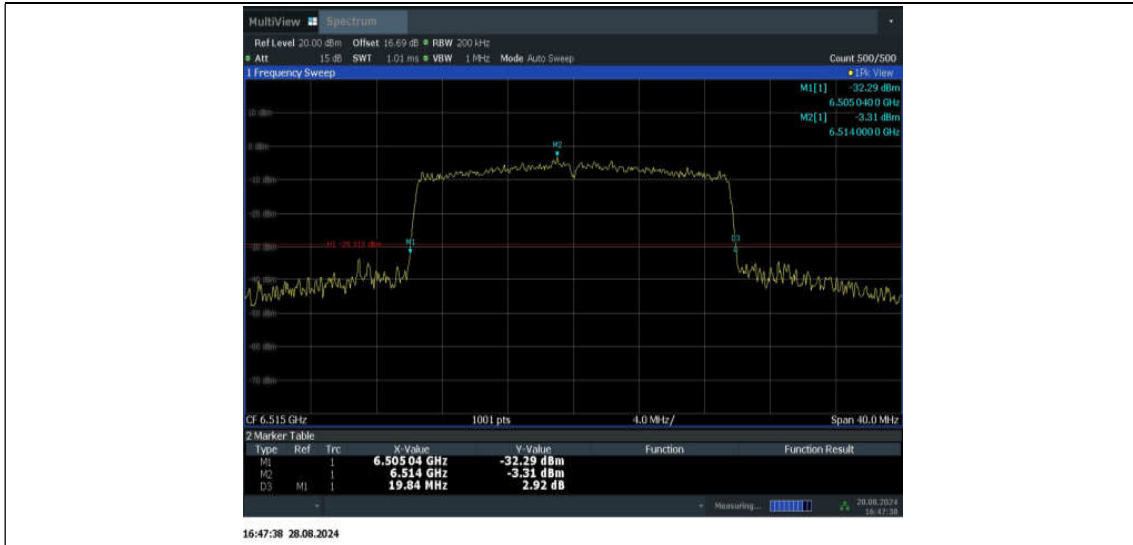
16:43:46 28.08.2024

11BE20MIMO_Ant1_6515



16:45:49 28.08.2024

11BE20MIMO_Ant2_6515



11BE20MIMO_Ant1_6535



11BE20MIMO_Ant2_6535



11BE20MIMO_Ant1_6695



16:54:09 28.08.2024

11BE20MIMO_Ant2_6695



16:55:58 28.08.2024

11BE20MIMO_Ant1_6855



11BE20MIMO_Ant2_6855



11BE20MIMO_Ant1_6875



11BE20MIMO_Ant2_6875



17:04:29 28.08.2024

11BE20MIMO_Ant1_6895



17:06:39 28.08.2024

11BE20MIMO_Ant2_6895



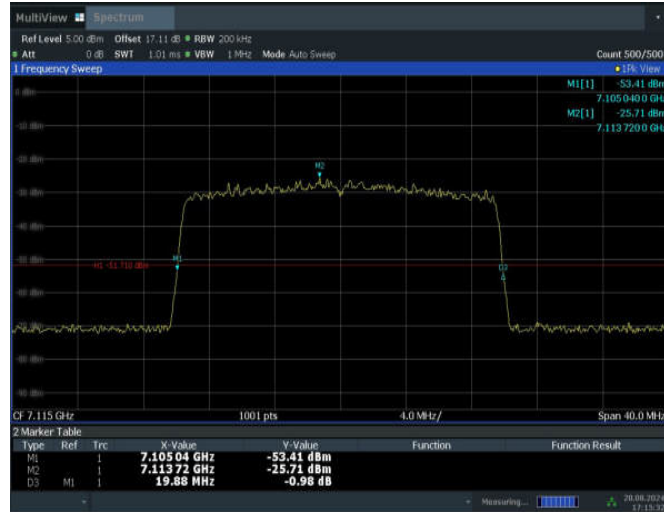
11BE20MIMO_Ant1_6995



11BE20MIMO_Ant2_6995

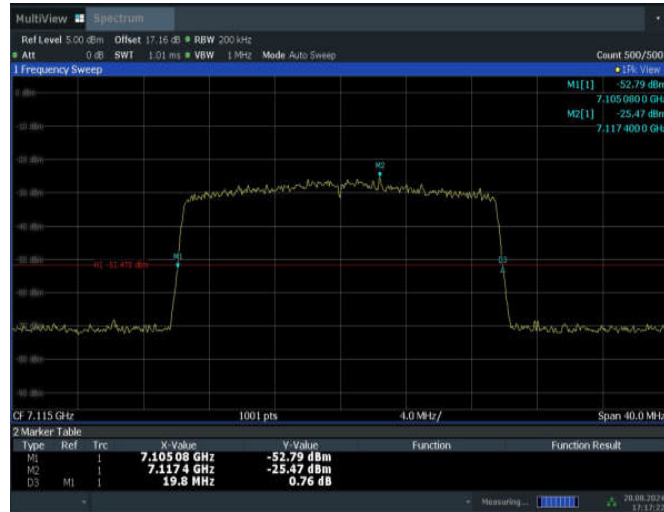


11BE20MIMO_Ant1_7115



17:15:33 28.08.2024

11BE20MIMO_Ant2_7115



17:17:23 28.08.2024

11BE40MIMO_Ant1_5965



11BE40MIMO_Ant2_5965



11BE40MIMO_Ant1_6165



11BE40MIMO_Ant2_6165



17:25:47 28.08.2024

11BE40MIMO_Ant1_6405

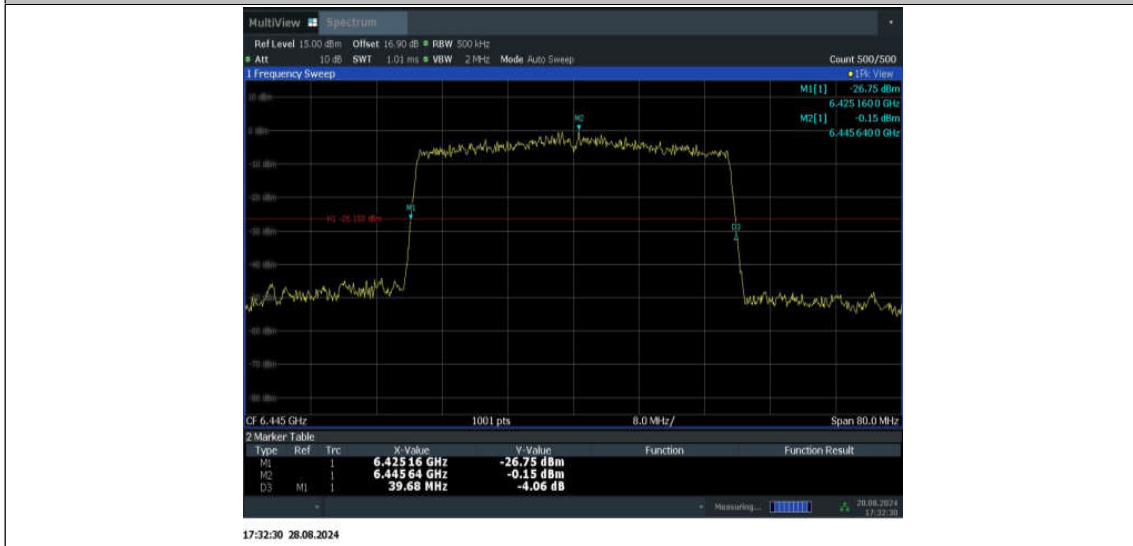


17:27:59 28.08.2024

11BE40MIMO_Ant2_6405



11BE40MIMO_Ant1_6445



11BE40MIMO_Ant2_6445



11BE40MIMO_Ant1_6485



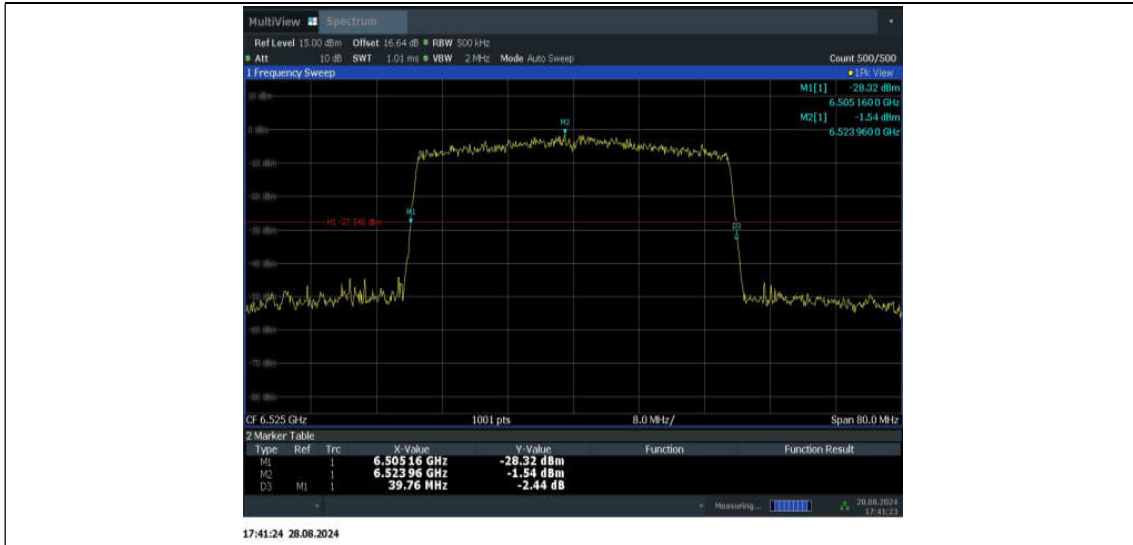
17:36:38 28.08.2024

11BE40MIMO_Ant2_6485



17:36:27 28.08.2024

11BE40MIMO_Ant1_6525



11BE40MIMO_Ant2_6525



11BE40MIMO_Ant1_6565



11BE40MIMO_Ant2_6565



17:47:30 28.08.2024

11BE40MIMO_Ant1_6685



17:49:31 28.08.2024

11BE40MIMO_Ant2_6685



11BE40MIMO_Ant1_6845



11BE40MIMO_Ant2_6845



11BE40MIMO_Ant1_6885



17:57:46 28.08.2024

11BE40MIMO_Ant2_6885



17:59:37 28.08.2024

11BE40MIMO_Ant1_6925



11BE40MIMO_Ant2_6925



11BE40MIMO_Ant1_6965



11BE40MIMO_Ant2_6965



18:07:39 28.08.2024

11BE40MIMO_Ant1_7085



18:09:41 28.08.2024

11BE40MIMO_Ant2_7085



11BE80MIMO_Ant1_5985



11BE80MIMO_Ant2_5985



11BE80MIMO_Ant1_6145



18:17:38 28.08.2024

11BE80MIMO_Ant2_6145



18:19:26 28.08.2024

11BE80MIMO_Ant1_6385



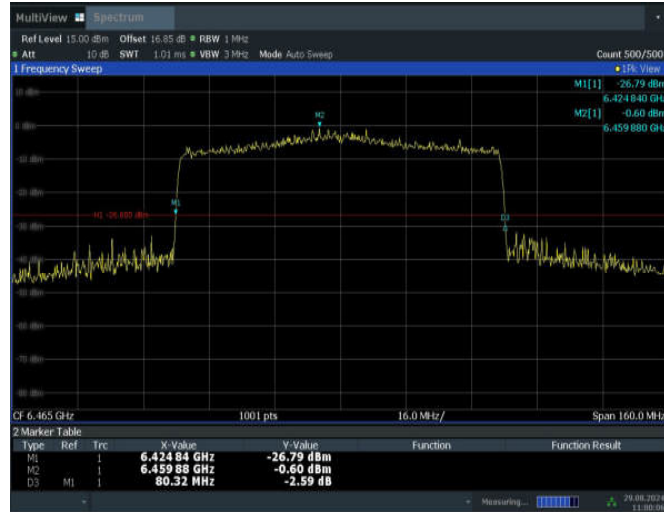
11BE80MIMO_Ant2_6385



11BE80MIMO_Ant1_6465



11BE80MIMO_Ant2_6465



11:00:07 29.08.2024

11BE80MIMO_Ant1_6545

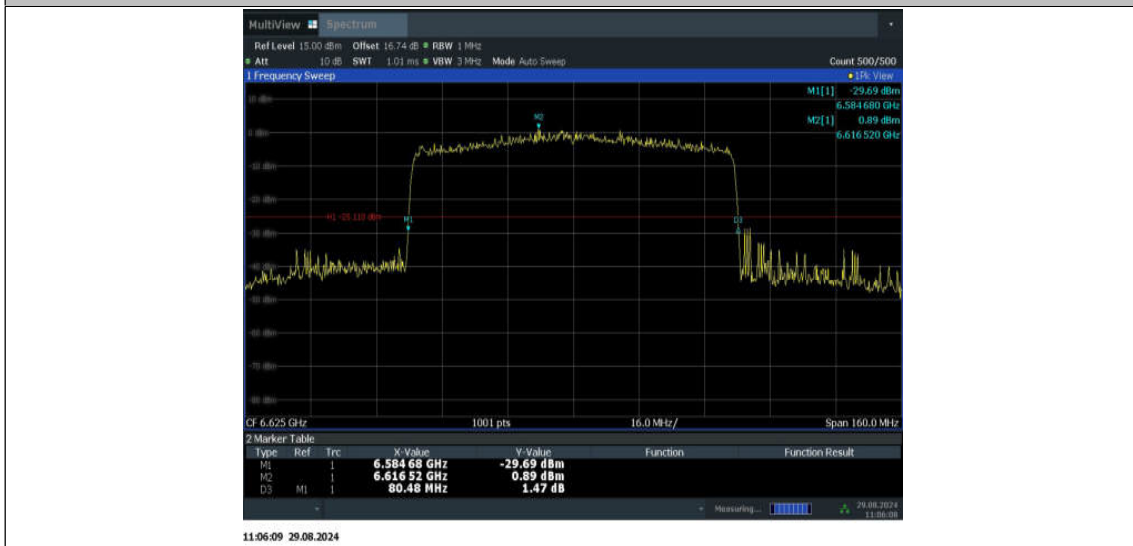


11:02:15 29.08.2024

11BE80MIMO_Ant2_6545



11BE80MIMO_Ant1_6625



11BE80MIMO_Ant2_6625



11BE80MIMO_Ant1_6705



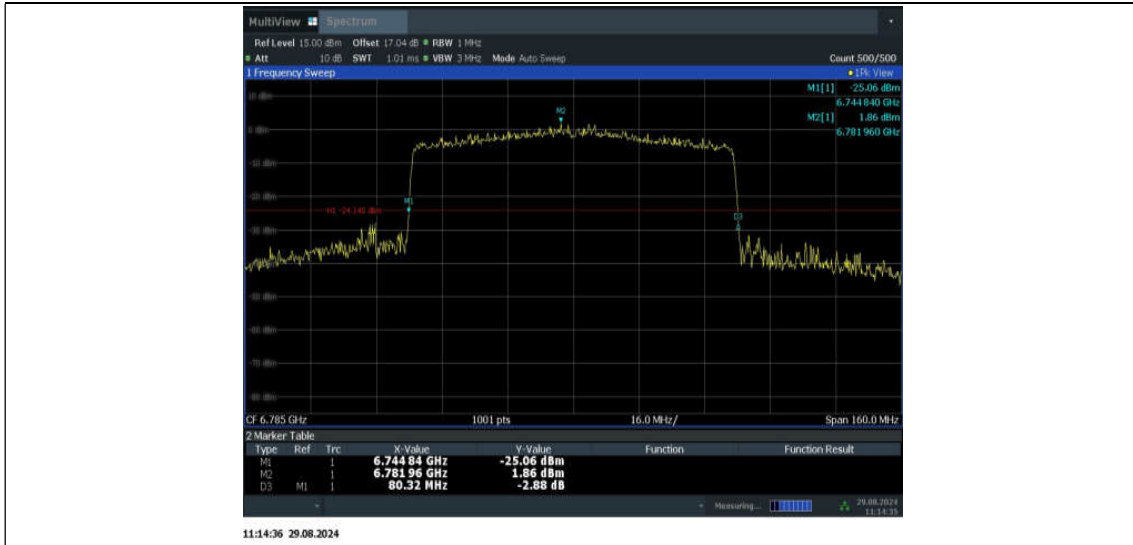
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11BE80MIMO_Ant2_6705



11:12:26 29.08.2024

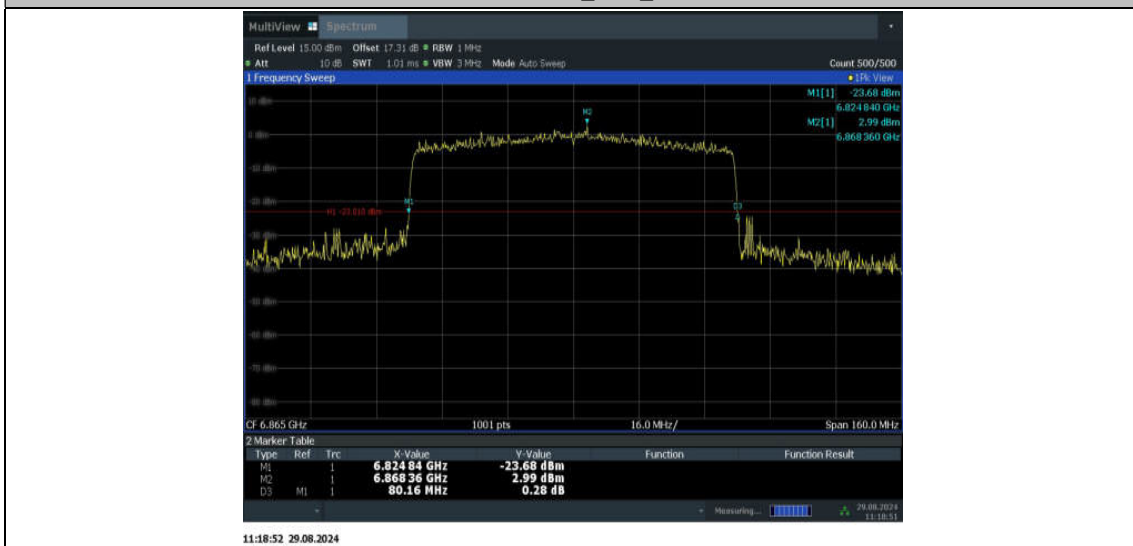
11BE80MIMO_Ant1_6785



11BE80MIMO_Ant2_6785



11BE80MIMO_Ant1_6865

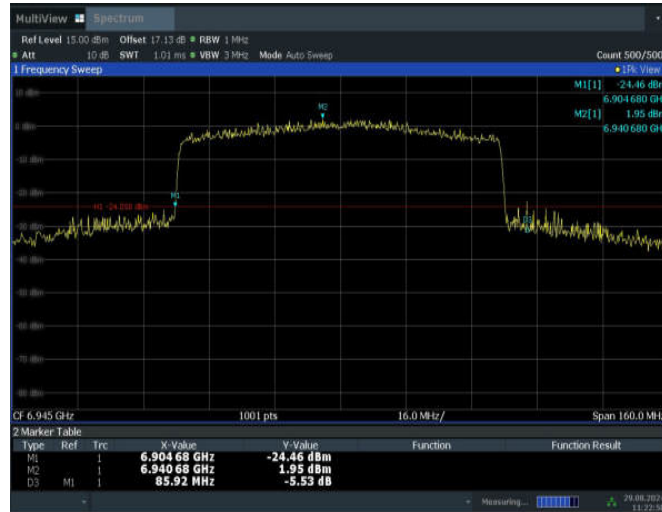


11BE80MIMO_Ant2_6865



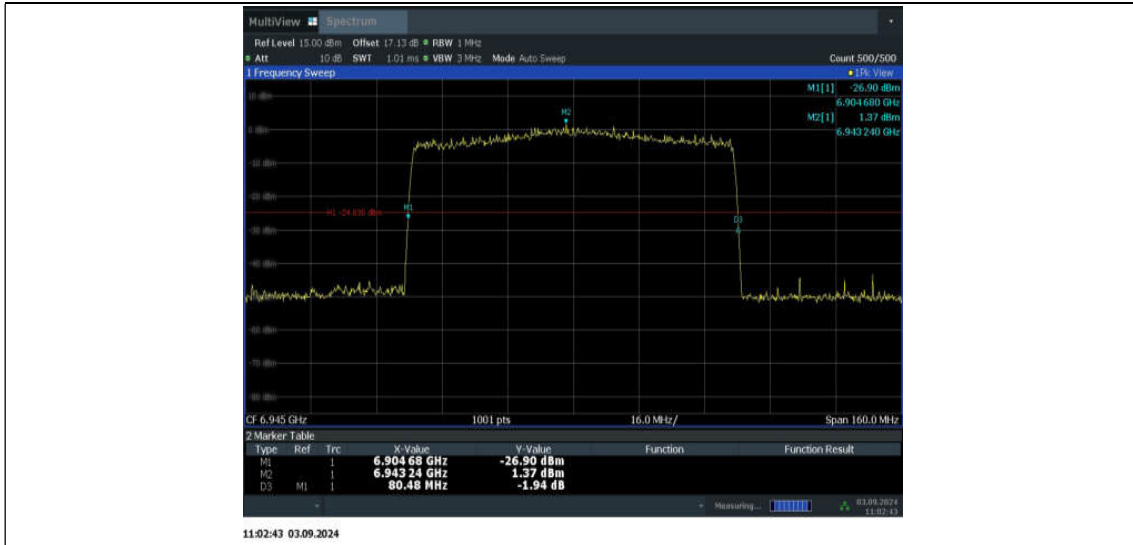
11:20:42 29.08.2024

11BE80MIMO_Ant1_6945



11:22:51 29.08.2024

11BE80MIMO_Ant2_6945



11BE80MIMO_Ant1_7025



11BE80MIMO_Ant2_7025



11BE160MIMO_Ant1_6025



11:33:08 29.08.2024

11BE160MIMO_Ant2_6025



11:34:57 29.08.2024

11BE160MIMO_Ant1_6185



11BE160MIMO_Ant2_6185



11BE160MIMO_Ant1_6345



11BE160MIMO_Ant2_6345



11:46:19 29.08.2024

11BE160MIMO_Ant1_6505



11:46:43 29.08.2024

11BE160MIMO_Ant2_6505



11BE160MIMO_Ant1_6665



11BE160MIMO_Ant2_6665



11BE160MIMO_Ant1_6825



11:56:33 29.08.2024

11BE160MIMO_Ant2_6825



11:10:58 03.09.2024

11BE160MIMO_Ant1_6985



11BE160MIMO_Ant2_6985



11BE320MIMO_Ant1_6105



11BE320MIMO_Ant2_6105



12:08:02 29.08.2024

11BE320MIMO_Ant1_6265



12:10:06 29.08.2024

11BE320MIMO_Ant2_6265



11BE320MIMO_Ant1_6425



11BE320MIMO_Ant2_6425



11BE320MIMO_Ant1_6585



12:17:53 29.08.2024

11BE320MIMO_Ant2_6585



12:19:41 29.08.2024

11BE320MIMO_Ant1_6745



11BE320MIMO_Ant2_6745



11BE320MIMO_Ant1_6905





A.5. 99% Occupied bandwidth

Method of Measurement: See ANSI C63.10-2013-clause 12.4.2.

- a) The instrument center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be between 1.5 times and 5.0 times the OBW.
- b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW, and VBW shall be approximately three times the RBW, unless otherwise specified by the applicable requirement.
- c) Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than $[10 \log (OBW/RBW)]$ below the reference level. Specific guidance is given in 4.1.5.2.
- d) Step a) through step c) might require iteration to adjust within the specified range.
- e) Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.
- f) Use the 99% power bandwidth function of the instrument (if available) and report the measured bandwidth.
- g) If the instrument does not have a 99% power bandwidth function, then the trace data points are recovered and directly summed in linear power terms. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5% of the total is reached; that frequency is recorded as the upper frequency. The 99% power bandwidth is the difference between these two frequencies.
- h) The occupied bandwidth shall be reported by providing plot(s) of the measuring instrument display; the plot axes and the scale units per division shall be clearly labeled. Tabular data may be reported in addition to the plot(s).

Measurement Limit:

According to FCC guidance, the 26 dB bandwidth has been applied for all channels below 320MHz. For 320MHz, the 99% bandwidth has been used.

47CFR 15.407(a)(10) The maximum transmitter channel bandwidth for U-NII devices in the 5.925–7.125 GHz band is 320 megahertz.