FCC PART 15
TEST REPORT
No.23T04Z80206-08

for

OnePlus Technology (Shenzhen) Co., Ltd.

Mobile Phone

CPH2611

2ABZ2-AA560

with

Hardware Version: 11

Software Version: OxygenOS V14.0

Issued Date: 2023-12-18

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.

The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S.Government.

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REPORT HISTORY

Report Number	Revision	Description	Issue Date
23T04Z80206-08	Rev.0	1st edition	2023-11-10
23T04Z80206-08	Rev.1	1. Added calculation and description of BF. 2. Added description of channel pumping and the situation of channel injected. 3. Added Spectrum analyzer plots for Output power and PSD. 4. Updated Spectrum analyzer plots for duty cycle. 5. Added the note for single RU26 (MIMO) in PSD and IN-BAND EMISSIONS.	2023-11-28
23T04Z80206-08	Rev.2	1.Deleted Demonstration of Proper Power Adjustment based on Associated AP. 2. Added note for PSD and output power. 3.Added a column of Directional Gain value in the PSD and output power . 4.Modified "incloud" to include. 5.Modified the measurement limit and method for 26 dB BW and 99% BW. 6. Added a column of Antenna Gain value in Contention Based Protocol and updated results. 7. Added note in the	2023-12-18

		Content Based Protocol. 8. In Chapter 6.3 Note, the CDD in the eirp results that only reported CDD was modified to be BF, and updated the output power results.	

CONTENTS

1. TEST LATORATORY

1.1. Introduction & Accreditation

Telecommunication Technology Labs, CAICT is an ISO/IEC 17025:2017 accredited test laboratory under NATIONAL VOLUNTARY LABORATORY ACCREDITATION PROGRAM (NVLAP) with lab code 600118-0, and is also an FCC accredited test laboratory (CN5017), and ISED accredited test laboratory (ISED#: 24849). The detail accreditation scope can be found on NVLAP 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℃

Relative Humidity: 20-75%

1.4. Project date

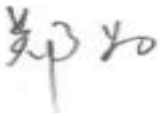
Testing Start Date: 2023-09-26

Testing End Date: 2023-12-18

1.5. Signature

Dong Jiaxuan

(Prepared this test report)



Zheng Wei

(Reviewed this test report)

Pang Shuai

(Approved this test report)

2. CLIENT INFORMATION

2.1. Applicant Information

Company Name:	OnePlus Technology (Shenzhen) Co., Ltd.
Address:	18C02, 18C03, 18C04, and 18C05, Shum Yip Terra Building, Binhe Avenue North, Futian District, Shenzhen, Guangdong, P.R. China.
City:	Guangdong
Postal Code:	/
Country:	China
Telephone:	(86)75561882366
Fax:	/

2.2. Manufacturer Information

Company Name:	OnePlus Technology (Shenzhen) Co., Ltd.
Address:	18C02, 18C03, 18C04, and 18C05, Shum Yip Terra Building, Binhe Avenue North, Futian District, Shenzhen, Guangdong, P.R. China.
City:	Guangdong
Postal Code:	/
Country:	China
Telephone:	(86)75561882366
Fax:	/

3. EQUIPMENT UNDER TEST (EUT) AND ANCILLARYEQUIPMENT(AE)

3.1. About EUT

Description	Mobile Phone
Model name	CPH2611
FCC ID	2ABZ2-AA560
WLAN Frequency Band	ISM Bands: -5925MHz~6425MHz -6425MHz~6525MHz -6525MHz~6875MHz -6875MHz~7125MHz
Type of modulation	OFDM/OFDMA
Antenna	Internal Antenna
Voltage	7.82V
Equipment class	Dual Client

3.2. Internal Identification of EUT used during the test

EUT ID*	SN or IMEI	HW Version	SW Version
UT11a	869135060027210/ 869135060027202	11	OxygenOS V14.0
UT02a	869135060023870	11	OxygenOS V14.0

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

* UT02a is used for Conduction test, UT11a is used for Radiation test.

3.3. Internal Identification of AE used during the test

AE ID*	Description
AE1	Battery
AE2	Charger
AE3	USB Cable

AE1

Model	BLPA33
Manufacturer	Sunwoda Electronic Co., Ltd.
Capacity	2680mAh
Nominal Voltage	/

AE2

Model	VCBAHBUH
Manufacturer	Shenzhen Huntkey Electric Co.,Ltd

Length of cable /

AE3

Model DL129

Manufacturer Changzhou Duwei Electronics Co., Ltd.

Length of cable /

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**
Band edge compliance (Radiated)	15.209,15.407	/	**P**
AC Powerline Conducted Emission (150kHz- 30MHz)	15.107, 15.207	/	**P**
Transmitter spurious emissions(Radiated)	15.407	/	**P**

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

Terms used in Verdict column

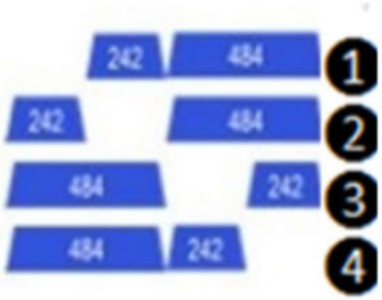
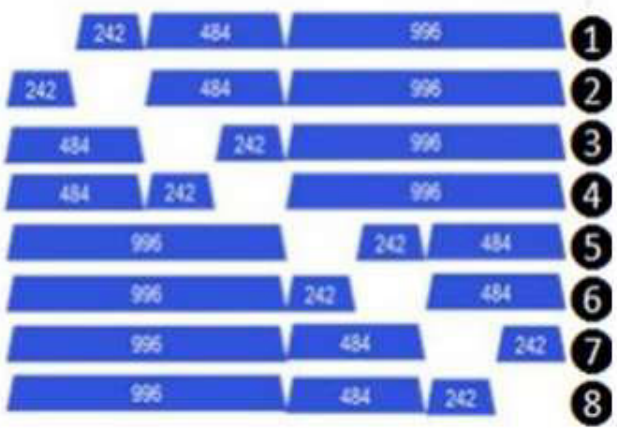
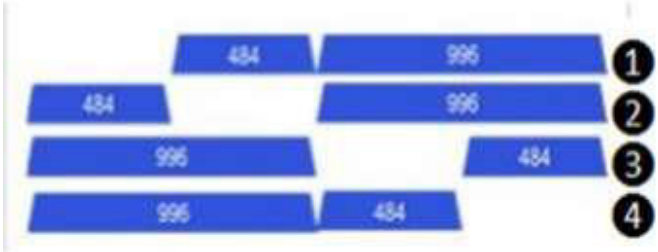
P	Pass, The EUT complies with the essential requirements in the standard.
NM	Not measured, The test was not measured by CTTL
NA	Not Applicable, The test was not applicable
F	Fail, The EUT does not comply with the essential requirements in the standard

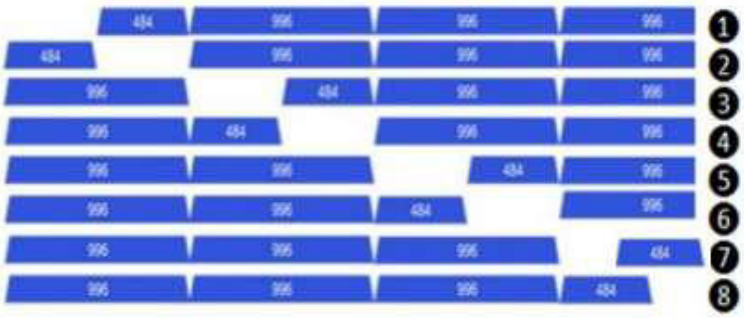
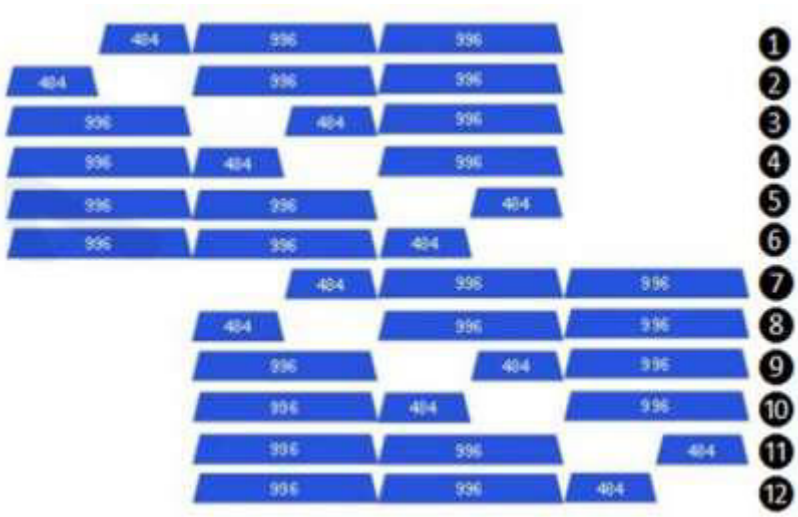
6.2. For conducted result :

1. 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.
2. 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.
3. As WLAN SISO(1x1) & MIMO(2x2) mode have the same power setting, the whole testing has assessed only MIMO mode.
4. 802.11ax support full RU and single RU modes.
5. 802.11be support full RU, single RU, small MRU, large MRU and puncturing modes.
6. For 802.11ax full RU and 802.11be full RU modes, the whole testing (include PSD/In-band Emissions) has reported only 802.11be-EHT20/40/80/320 and 802.11ax-HE160 by referring to the higher output power.
7. For 802.11ax single RU and 802.11be singlel 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.
8. 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.

a. 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 15 path (band 5) :minimum gain= -2.5dBi ;
Antenna 9 path (band 6) :minimum gain= -3.9dBi ;
Antenna 9 path (band 7) :minimum gain= -3.5dBi ;
Antenna 9 path (band 8) :minimum gain= -3.4dBi.

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

Mode	Bnad	Ant9(dBi)	Ant15(dBi)	Power(dBi)	PSD(dBi)
CDD	UNII-5	-1.7	-2.5	-1.7	0.92
	UNII-6	-3.9	-2.3	-2.3	-0.05
	UNII-7	-3.5	-1.5	-1.5	0.57
	UNII-8	-3.4	-1.5	-1.5	0.61
BF	UNII-5	-1.7	-2.5	0.92	0.92
	UNII-6	-3.9	-2.3	-0.05	-0.05

	UNII-7	-3.5	-1.5	0.57	0.57
	UNII-8	-3.4	-1.5	0.61	0.61

Note :

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

Directional gain = 10 log [$(10^{G1/20} + 10^{G2/20} + \ldots + 10^{Gn/20})^2$ /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)

2. 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.

b. For PSD, the directional gain calculation is following:

Directional gain = 10 log [$(10^{G1/20} + 10^{G2/20} + \ldots + 10^{Gn/20})^2$ /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.

KDB 987594 is not accredited by the NVLAP.

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℃
Voltage	7.82V
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	2024-06-15
2	Vector Signal Generator	SMW200A	103421	Rohde & Schwarz	1 year	2024-06-15
3	Test Receiver	ESCI	100344	R&S	1 year	2024-02-21
4	LISN	ENV216	101200	R&S	1 year	2024-06-05
5	Attenuator	10dB/2W	/	Rosenberger	/	/
6	Shielding Room	S81	/	ETS-Lindgren	/	/

Radiated emission test system

No.	Equipment	Model	Serial Number	Manufacturer	Calibration Period	Calibration Due date
1	Test Receiver	ESW44	103023	R&S	1 year	2024-07-08
2	EMI Antenna	VULB 9163	01223	SCHWARZBECK	1 year	2024-08-18
3	EMI Antenna	3115	6914	ETS-Lindgren	1 year	2024-04-25
4	EMI Antenna	3116	2661	ETS-Lindgren	1 year	2024-01-30

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)
30MHz ≤ f ≤ 2GHz	1.22
2GHz ≤ f ≤3.6GHz	1.22
3.6GHz ≤ f ≤8GHz	1.22
8GHz ≤ f ≤12.75GHz	1.51
12.75GHz ≤ f ≤26GHz	1.51
26GHz ≤ f ≤40GHz	1.59

Radiated (k=2)

Frequency Range	Uncertainty(dB)
9kHz-30MHz	/
30MHz ≤ f ≤ 1GHz	4.72
1GHz ≤ f ≤18GHz	4.84
18GHz ≤ f ≤40GHz	5.12

8.7 AC Power-line Conducted Emission

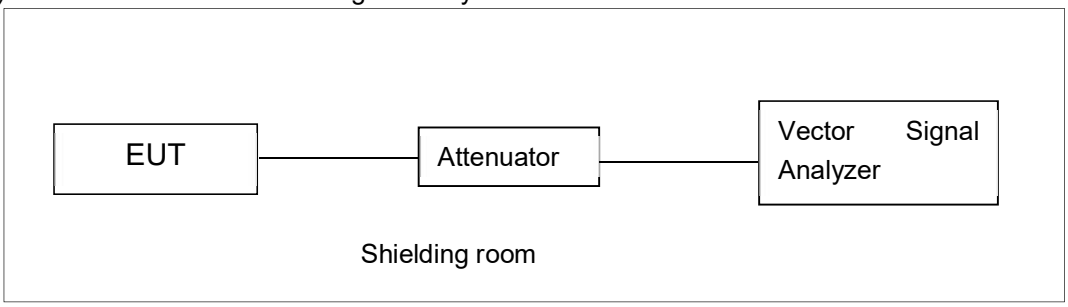
8.8 Measurement Uncertainty : 3.08,k=2

ANNEX A: MEASUREMENT RESULTS

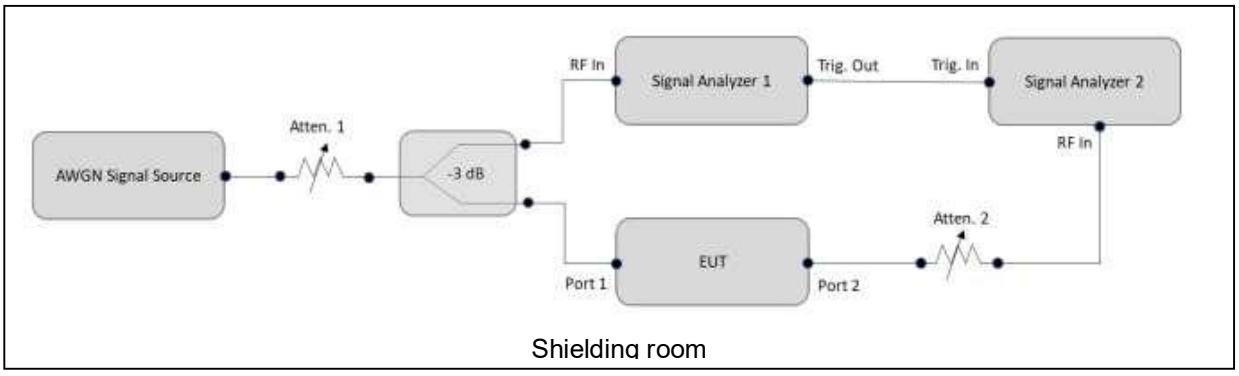
A.1. Measurement Method

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



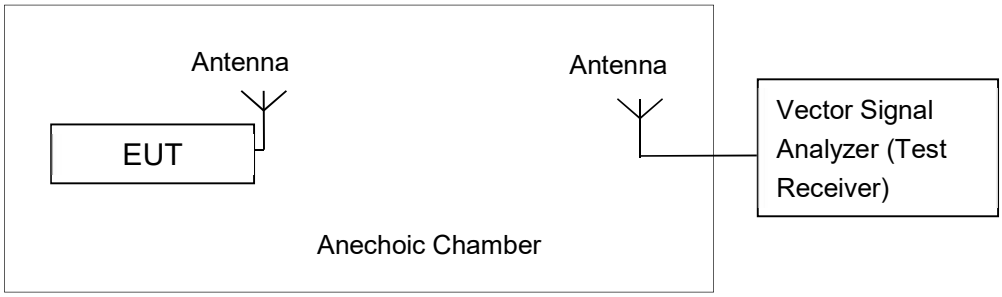
Test Setup for Contention Based Protocol

A.1.2. Radiated Emission Measurements

In the case of radiated emission, the used settings are as follows,

Sweep frequency from 30 MHz to 1GHz, RBW = 100 kHz, VBW = 300 kHz;

Sweep frequency from 1 GHz to 40GHz, RBW = 1MHz, VBW = 10Hz;



The measurement is made according to KDB 789033 and 987594

The radiated emission test is performed in semi-anechoic chamber. The distance from the EUT to the reference point of measurement antenna is 3m. 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 360° and the measurement antenna is moved from 1m to 4m to get the maximization result.

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

802.11a mode

Mode	Channel	Test Result (dBm)				
		ant9	Ant15	mimo	Directional Gain	mimo eirp
		6M	6M	6M	6M	6M
802.11a	5955MHz (Ch1)	4.79	5.88	8.38	-1.7	6.68
	6175MHz (Ch45)	4.97	5.87	8.45	-1.7	6.75
	6415MHz (Ch93)	5.24	5.85	8.57	-1.7	6.87
	6435MHz (Ch97)	5.46	5.76	8.62	-2.3	6.32
	6475MHz (Ch105)	4.90	5.78	8.37	-2.3	6.07
	6515MHz (Ch113)	5.15	5.66	8.42	-2.3	6.12
	6535MHz (Ch117)	4.71	4.36	7.55	-1.5	6.05
	6695MHz (Ch149)	5.49	4.34	7.96	-1.5	6.46
	6855MHz (Ch181)	6.00	5.77	8.90	-1.5	7.4
	6875MHz (Ch185)	5.97	5.68	8.84	-1.5	7.34
	6895MHz (ch189)	5.88	5.77	8.84	-1.5	7.34
	6995MHz (Ch209)	5.67	5.75	8.72	-1.5	7.22
	7115MHz (Ch233)	1.51	0.96	4.25	-1.5	2.75

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	Ant15	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
802.11ax-20 full RU	5955MHz (Ch1)	4.74	5.61	8.21	0.92	9.13
	6175MHz (Ch45)	4.87	5.88	8.41	0.92	9.33
	6415MHz (Ch93)	5.20	5.99	8.62	0.92	9.54

	6435MHz (Ch97)	5.35	5.89	8.64	-0.05	8.59
	6475MHz (Ch105)	4.75	6.00	8.43	-0.05	8.38
	6515MHz (Ch113)	5.01	5.79	8.43	-0.05	8.38
	6535MHz (Ch117)	4.03	4.00	7.03	0.57	7.6
	6695MHz (Ch149)	4.73	4.09	7.43	0.57	8
	6855MHz (Ch181)	5.85	5.33	8.61	0.57	9.18
	6875MHz (Ch185)	5.56	5.28	8.43	0.61	9.04
	6895MHz (ch189)	5.42	5.35	8.40	0.61	9.01
	6995MHz (Ch209)	5.14	5.71	8.44	0.61	9.05
	7115MHz (Ch233)	-13.64	-14.92	-11.22	0.61	-10.61

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	Ant15	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
802.11ax-40 full RU	5965MHz (Ch3)	7.00	8.41	10.77	0.92	11.69
	6165MHz (Ch43)	7.39	8.45	10.96	0.92	11.88
	6405MHz (Ch91)	8.22	8.95	11.61	0.92	12.53
	6445MHz (Ch99)	8.33	8.96	11.67	-0.05	11.62
	6485MHz (Ch107)	8.17	8.92	11.57	-0.05	11.52
	6525MHz (Ch115)	8.03	8.57	11.32	-0.05	11.27
	6565MHz (Ch123)	8.30	8.82	11.58	0.57	12.15
	6685MHz (Ch147)	8.75	8.50	11.64	0.57	12.21
	6845MHz (Ch179)	8.58	8.04	11.33	0.57	11.9
	6885MHz (Ch187)	8.10	7.93	11.03	0.61	11.64
	6925MHz (ch195)	8.08	7.98	11.04	0.61	11.65
	6965MHz (Ch203)	7.97	7.43	10.72	0.61	11.33
	7085MHz (Ch227)	7.82	7.59	10.72	0.61	11.33

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	Ant15	mimo	Directional Gain	mimo eirp
				MCS0	MCS0	MCS0	MCS0	MCS0
802.11ax -80 full RU	5985MHz (Ch7)	/	/	9.94	10.68	13.34	0.92	14.26
	6145MHz (Ch39)	/	/	9.58	10.75	13.21	0.92	14.13
	6385MHz (Ch87)	/	/	9.68	10.33	13.03	0.92	13.95
	6465MHz (Ch103)	/	/	9.70	10.20	12.97	-0.05	12.92
	6545MHz (Ch119)	/	/	9.54	10.33	12.96	0.57	13.53
	6625MHz (Ch135)	/	/	10.54	10.76	13.66	0.57	14.23
	6705MHz (Ch151)	/	/	10.90	10.42	13.68	0.57	14.25
	6785MHz (Ch167)	/	/	10.97	10.34	13.68	0.57	14.25
	6865MHz (Ch183)	/	/	10.12	10.10	13.12	0.61	13.73
	6945MHz (Ch199)	/	/	10.13	10.14	13.15	0.61	13.76
	7025MHz (Ch215)	/	/	9.94	9.95	12.96	0.61	13.57

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	Ant15	mimo	Directional Gain	mimo eirp
				MCS0	MCS0	MCS0	MCS0	MCS0
802.11ax-160 full RU	6025MHz (Ch15)	/	/	12.36	13.98	16.26	0.92	17.18
	6185MHz (Ch47)	/	/	9.87	10.74	13.34	0.92	14.26
	6345MHz (Ch79)	/	/	9.71	10.73	13.26	0.92	14.18
	6505MHz (Ch111)	/	/	10.04	10.79	13.44	-0.05	13.39
	6665MHz (Ch143)	/	/	10.50	10.86	13.69	0.57	14.26
	6825MHz (Ch175)	/	/	10.15	9.20	12.71	0.57	13.28

	6985MHz (Ch207)	/	/	9.81	9.60	12.72	0.61	13.33

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	Ant15	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
802.11be-20 full RU	5955MHz (Ch1)	4.96	5.70	8.36	0.92	9.28
	6175MHz (Ch45)	5.15	5.88	8.54	0.92	9.46
	6415MHz (Ch93)	5.49	5.91	8.72	0.92	9.64
	6435MHz (Ch97)	5.50	5.87	8.70	-0.05	8.65
	6475MHz (Ch105)	5.07	5.80	8.46	-0.05	8.41
	6515MHz (Ch113)	5.36	5.78	8.59	-0.05	8.54
	6535MHz (Ch117)	4.07	4.08	7.09	0.57	7.66
	6695MHz (Ch149)	4.73	4.15	7.46	0.57	8.03
	6855MHz (Ch181)	5.96	5.38	8.69	0.57	9.26
	6875MHz (Ch185)	5.51	5.24	8.39	0.61	9
	6895MHz (ch189)	5.42	5.33	8.39	0.61	9
	6995MHz (Ch209)	5.17	5.75	8.48	0.61	9.09
	7115MHz (Ch233)	-13.61	-14.95	-11.22	0.61	-10.61

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	Ant15	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
802.11be-40 full RU	5965MHz (Ch3)	7.92	8.62	11.29	0.92	12.21
	6165MHz (Ch43)	7.97	8.58	11.30	0.92	12.22
	6405MHz (Ch91)	8.36	9.00	11.70	0.92	12.62
	6445MHz (Ch99)	8.46	8.94	11.72	-0.05	11.67
	6485MHz (Ch107)	8.34	8.91	11.64	-0.05	11.59
	6525MHz (Ch115)	8.28	8.70	11.51	-0.05	11.46
	6565MHz (Ch123)	8.53	8.83	11.69	0.57	12.26
	6685MHz (Ch147)	8.78	8.43	11.62	0.57	12.19
	6845MHz (Ch179)	8.71	7.81	11.29	0.57	11.86
	6885MHz (Ch187)	8.06	7.79	10.94	0.61	11.55

	6925MHz (ch195)	8.21	7.94	11.09	0.61	11.7
	6965MHz (Ch203)	7.81	7.31	10.58	0.61	11.19
	7085MHz (Ch227)	7.60	7.30	10.46	0.61	11.07

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	Ant15	mimo	Directional Gain	mimo eirp
				MCS0	MCS0	MCS0	MCS0	MCS0
802.11be -80 full RU	5985MHz (Ch7)	/	/	9.70	10.77	13.28	0.92	14.2
	6145MHz (Ch39)	/	/	9.48	10.95	13.29	0.92	14.21
	6385MHz (Ch87)	/	/	9.75	10.55	13.18	0.92	14.1
	6465MHz (Ch103)	/	/	9.66	10.32	13.01	-0.05	12.96
	6545MHz (Ch119)	/	/	9.54	10.49	13.05	0.57	13.62
	6625MHz (Ch135)	/	/	10.62	10.97	13.81	0.57	14.38
	6705MHz (Ch151)	/	/	11.00	10.60	13.81	0.57	14.38
	6785MHz (Ch167)	/	/	11.00	10.47	13.75	0.57	14.32
	6865MHz (Ch183)	/	/	10.18	10.31	13.26	0.61	13.87
	6945MHz (Ch199)	/	/	10.34	10.40	13.38	0.61	13.99
	7025MHz (Ch215)	/	/	9.90	10.20	13.06	0.61	13.67

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	Ant15	mimo	Directional Gain	mimo eirp
				MCS0	MCS0	MCS0	MCS0	MCS0
802.11be-160 full RU	6025MHz (Ch15)	/	/	12.03	13.53	15.85	0.92	16.77
	6185MHz (Ch47)	/	/	9.06	10.10	12.62	0.92	13.54

	6345MHz (Ch79)	/	/	9.05	10.07	12.60	0.92	13.52
	6505MHz (Ch111)	/	/	9.44	10.15	12.82	-0.05	12.77
	6665MHz (Ch143)	/	/	10.12	10.34	13.24	0.57	13.81
	6825MHz (Ch175)	/	/	10.03	9.35	12.71	0.57	13.28
	6985MHz (Ch207)	/	/	9.39	9.42	12.42	0.61	13.03

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	Ant15	mimo	Directional Gain	mimo eirp
				MCS0	MCS0	MCS0	MCS0	MCS0
802.11be-320 full RU	6105MHz (Ch31)	/	/	9.25	10.11	12.71	0.92	13.63
	6265MHz (Ch63)	/	/	9.53	10.13	12.85	0.92	13.77
	6425MHz (Ch95)	/	/	9.40	10.04	12.74	-0.05	12.69
	6585MHz (Ch127)	/	/	9.59	9.62	12.62	0.57	13.19
	6745MHz (Ch159)	/	/	10.27	9.15	12.76	0.57	13.33
	6905MHz (Ch191)	/	/	9.34	9.02	12.19	0.61	12.8

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	Ant15	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
RU26-I	5955MHz (Ch1)	-4.23	-3.66	-0.93	0.92	-0.01
	6175MHz (Ch45)	-4.04	-3.69	-0.85	0.92	0.07
	6415MHz (Ch93)	-4.22	-3.28	-0.71	0.92	0.21
	6435MHz (Ch97)	-4.28	-3.34	-0.77	-0.05	-0.82
	6475MHz (Ch105)	-4.23	-3.01	-0.57	-0.05	-0.62
	6515MHz (Ch113)	-4.14	-3.00	-0.52	-0.05	-0.57
RU26-R	6535MHz (Ch117)	-4.64	-3.03	-0.75	0.57	-0.18

	6695MHz (Ch149)	-4.08	-3.74	-0.90	0.57	-0.33
	6855MHz (Ch181)	-3.54	-4.84	-1.13	0.57	-0.56
	6875MHz (Ch185)	-3.48	-4.94	-1.14	0.61	-0.53
	6895MHz (ch189)	-3.54	-4.95	-1.18	0.61	-0.57
	6995MHz (Ch209)	-3.62	-4.89	-1.20	0.61	-0.59
	7115MHz (Ch233)	-13.16	-14.12	-10.60	0.61	-9.99

Mode	Channel	Test Result (dBm)				
		ant9	Ant15	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
RU52-I	5955MHz (Ch1)	-1.25	-0.57	2.11	0.92	3.03
	6175MHz (Ch45)	-1.05	-0.70	2.14	0.92	3.06
	6415MHz (Ch93)	-1.01	-0.13	2.46	0.92	3.38
	6435MHz (Ch97)	-0.96	-0.15	2.47	-0.05	2.42
	6475MHz (Ch105)	-2.00	-0.43	1.87	-0.05	1.82
	6515MHz (Ch113)	-1.90	-0.59	1.81	-0.05	1.76
RU52-R	6535MHz (Ch117)	-1.84	-0.12	2.11	0.57	2.68
	6695MHz (Ch149)	-0.67	-0.54	2.41	0.57	2.98
	6855MHz (Ch181)	0.38	-1.78	2.44	0.57	3.01
	6875MHz (Ch185)	0.42	-1.84	2.45	0.61	3.06
	6895MHz (ch189)	0.37	-1.89	2.40	0.61	3.01
	6995MHz (Ch209)	0.40	-1.98	2.38	0.61	2.99
	7115MHz (Ch233)	-13.05	-14.13	-10.55	0.61	-9.94
Mode	Channel	Test Result (dBm)				
		ant9	Ant15	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
RU106-I	5955MHz (Ch1)	1.20	2.32	4.81	0.92	5.73
	6175MHz (Ch45)	1.48	2.59	5.08	0.92	6
	6415MHz (Ch93)	2.55	2.77	5.67	0.92	6.59
	6435MHz (Ch97)	2.63	2.91	5.78	-0.05	5.73
	6475MHz (Ch105)	2.08	2.90	5.52	-0.05	5.47
	6515MHz (Ch113)	2.29	2.76	5.54	-0.05	5.49
RU106-R	6535MHz (Ch117)	1.44	2.57	5.05	0.57	5.62
	6695MHz (Ch149)	1.58	2.80	5.24	0.57	5.81
	6855MHz (Ch181)	2.21	1.16	4.73	0.57	5.3
	6875MHz (Ch185)	2.01	1.05	4.57	0.61	5.18
	6895MHz (ch189)	1.88	1.62	4.76	0.61	5.37
	6995MHz (Ch209)	2.08	1.45	4.79	0.61	5.4

	7115MHz (Ch233)	-13.15	-14.20	-10.63	0.61	-10.02

802.11be-20 single RU

Mode	Channel	Test Result (dBm)				
		ant9	Ant15	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
RU26-l	5955MHz (Ch1)	-3.96	-3.29	-0.60	0.92	0.32
	6175MHz (Ch45)	-3.92	-3.38	-0.63	0.92	0.29
	6415MHz (Ch93)	-4.44	-3.30	-0.82	0.92	0.1
	6435MHz (Ch97)	-4.49	-3.44	-0.92	-0.05	-0.97
	6475MHz (Ch105)	-4.99	-3.30	-1.05	-0.05	-1.1
	6515MHz (Ch113)	-4.97	-3.37	-1.09	-0.05	-1.14
RU26-R	6535MHz (Ch117)	-5.00	-3.36	-1.09	0.57	-0.52
	6695MHz (Ch149)	-3.73	-3.29	-0.49	0.57	0.08
	6855MHz (Ch181)	-2.60	-4.64	-0.49	0.57	0.08
	6875MHz (Ch185)	-2.62	-4.68	-0.52	0.61	0.09
	6895MHz (ch189)	-2.69	-4.71	-0.57	0.61	0.04
	6995MHz (Ch209)	-2.62	-4.60	-0.49	0.61	0.12
	7115MHz (Ch233)	-13.35	-14.88	-11.04	0.61	-10.43

Mode	Channel	Test Result (dBm)				
		ant9	Ant15	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
RU52-l	5955MHz (Ch1)	-0.91	-0.36	2.38	0.92	3.3
	6175MHz (Ch45)	-0.79	-0.52	2.36	0.92	3.28
	6415MHz (Ch93)	-0.81	-0.09	2.58	0.92	3.5
	6435MHz (Ch97)	-0.84	-0.02	2.60	-0.05	2.55
	6475MHz (Ch105)	-1.86	-0.28	2.01	-0.05	1.96
	6515MHz (Ch113)	-1.73	-0.45	1.97	-0.05	1.92
RU52-R	6535MHz (Ch117)	-1.64	0.00	2.27	0.57	2.84
	6695MHz (Ch149)	-0.56	-0.41	2.53	0.57	3.1
	6855MHz (Ch181)	0.58	-1.70	2.60	0.57	3.17
	6875MHz (Ch185)	0.51	-1.78	2.52	0.61	3.13
	6895MHz (ch189)	0.46	-1.82	2.48	0.61	3.09
	6995MHz (Ch209)	0.52	-1.83	2.51	0.61	3.12
	7115MHz (Ch233)	-13.32	-14.94	-11.04	0.61	-10.43
Mode	Channel	Test Result (dBm)				

		ant9	Ant15	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
RU106-l	5955MHz (Ch1)	1.28	2.29	4.82	0.92	5.74
	6175MHz (Ch45)	1.41	2.57	5.04	0.92	5.96
	6415MHz (Ch93)	2.41	2.96	5.70	0.92	6.62
	6435MHz (Ch97)	2.53	2.97	5.77	-0.05	5.72
	6475MHz (Ch105)	1.94	2.93	5.47	-0.05	5.42
	6515MHz (Ch113)	2.31	2.81	5.58	-0.05	5.53
RU106-R	6535MHz (Ch117)	1.45	2.50	5.02	0.57	5.59
	6695MHz (Ch149)	1.55	2.93	5.30	0.57	5.87
	6855MHz (Ch181)	1.78	1.19	4.51	0.57	5.08
	6875MHz (Ch185)	1.54	1.00	4.29	0.61	4.9
	6895MHz (ch189)	1.87	1.67	4.78	0.61	5.39
	6995MHz (Ch209)	2.04	1.59	4.83	0.61	5.44
	7115MHz (Ch233)	-13.47	-14.98	-11.15	0.61	-10.54

802.11be-20 MRU(small)

Mode	Channel	Test Result (dBm)				
		ant9	Ant15	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
52 Tone,index38 + 26Tone,index1	5955MHz (Ch1)	-0.80	-0.53	2.35	0.92	3.27
	6175MHz (Ch45)	-0.77	-0.68	2.29	0.92	3.21
	6415MHz (Ch93)	-0.81	-0.08	2.58	0.92	3.5
	6435MHz (Ch97)	-0.88	-0.18	2.49	-0.05	2.44
	6475MHz (Ch105)	-1.35	-0.03	2.37	-0.05	2.32
	6515MHz (Ch113)	-1.20	-0.09	2.40	-0.05	2.35
52 Tone,index39 + 26Tone,index7	6535MHz (Ch117)	-1.66	-0.06	2.22	0.57	2.79
	6695MHz (Ch149)	-0.15	-0.05	2.91	0.57	3.48
	6855MHz (Ch181)	0.67	-1.42	2.76	0.57	3.33
	6875MHz (Ch185)	0.61	-1.46	2.71	0.61	3.32
	6895MHz (ch189)	0.54	-1.47	2.66	0.61	3.27
	6995MHz (Ch209)	0.68	-1.46	2.75	0.61	3.36
	7115MHz (Ch233)	-13.41	-14.98	-11.11	0.61	-10.5
Mode	Channel	Test Result (dBm)				
		ant9	Ant15	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
106 Tone,index53 + 26Tone,index4	5955MHz (Ch1)	1.63	2.68	5.20	0.92	6.12
	6175MHz (Ch45)	1.81	2.93	5.42	0.92	6.34

	6415MHz (Ch93)	2.28	2.80	5.56	0.92	6.48
	6435MHz (Ch97)	2.31	2.79	5.57	-0.05	5.52
	6475MHz (Ch105)	1.86	2.78	5.35	-0.05	5.3
	6515MHz (Ch113)	2.07	2.56	5.33	-0.05	5.28
106 Tone,index54 + 26Tone,index4	6535MHz (Ch117)	1.76	2.86	5.36	0.57	5.93
	6695MHz (Ch149)	1.29	2.68	5.05	0.57	5.62
	6855MHz (Ch181)	1.52	1.09	4.32	0.57	4.89
	6875MHz (Ch185)	1.27	1.02	4.16	0.61	4.77
	6895MHz (ch189)	1.53	1.55	4.55	0.61	5.16
	6995MHz (Ch209)	1.67	1.52	4.61	0.61	5.22
	7115MHz (Ch233)	-13.49	-15.00	-11.17	0.61	-10.56

802.11be-80 MRU(large) & punctured

Mode	Channel	Tone	Test Result (dBm)					
			configure	ant9	Ant15	mimo	Directional Gain	mimo eirp
				MCS0	MCS0	MCS0	MCS0	MCS0
802.11be-80	5985MHz (Ch7)	484+242 Tone	1	7.83	8.65	11.27	0.92	12.19
			2	7.76	8.63	11.23	0.92	12.15
			3	7.72	8.61	11.20	0.92	12.12
			4	7.71	8.62	11.20	0.92	12.12
	6145MHz (Ch39)	484+242 Tone	1	7.79	8.47	11.15	0.92	12.07
			2	7.80	8.48	11.16	0.92	12.08
			3	7.83	8.46	11.17	0.92	12.09
			4	7.90	8.45	11.19	0.92	12.11
	6385MHz (Ch87)	484+242 Tone	1	7.97	8.96	11.50	0.92	12.42
			2	8.02	8.90	11.49	0.92	12.41
			3	7.94	8.89	11.45	0.92	12.37
			4	8.00	8.88	11.47	0.92	12.39
	6465MHz (Ch103)	484+242 Tone	1	8.12	8.84	11.51	-0.05	11.46
			2	8.14	8.83	11.51	-0.05	11.46
			3	8.13	8.84	11.51	-0.05	11.46
			4	8.11	8.85	11.51	-0.05	11.46
	6545MHz (Ch119)	484+242 Tone	1	8.00	8.73	11.39	0.57	11.96
			2	7.98	8.70	11.37	0.57	11.94
			3	8.02	8.74	11.41	0.57	11.98
			4	7.97	8.79	11.41	0.57	11.98
	6625MHz (Ch135)	484+242 Tone	1	8.40	8.66	11.54	0.57	12.11
			2	8.24	8.64	11.45	0.57	12.02

			3	8.32	8.67	11.51	0.57	12.08
			4	8.24	8.63	11.45	0.57	12.02
	6705MHz (Ch151)	484+242 Tone	1	8.85	8.45	11.66	0.57	12.23
			2	8.82	8.47	11.66	0.57	12.23
			3	8.77	8.51	11.65	0.57	12.22
			4	8.82	8.55	11.70	0.57	12.27
	6785MHz (Ch167)	484+242 Tone	1	8.43	7.41	10.96	0.57	11.53
			2	8.45	7.48	11.00	0.57	11.57
			3	8.44	7.50	11.01	0.57	11.58
			4	8.50	7.50	11.04	0.57	11.61
	6865MHz (Ch183)	484+242 Tone	1	8.28	7.87	11.09	0.61	11.7
			2	8.25	7.89	11.08	0.61	11.69
			3	8.25	7.85	11.06	0.61	11.67
			4	8.29	7.89	11.10	0.61	11.71
	6945MHz (Ch199)	484+242 Tone	1	7.48	7.46	10.48	0.61	11.09
			2	7.46	7.45	10.47	0.61	11.08
			3	7.52	7.44	10.49	0.61	11.1
			4	7.48	7.43	10.47	0.61	11.08
	7025MHz (Ch215)	484+242 Tone	1	7.58	7.64	10.62	0.61	11.23
			2	7.54	7.61	10.59	0.61	11.2
			3	7.52	7.64	10.59	0.61	11.2
			4	7.54	7.64	10.60	0.61	11.21

802.11be-160 MRU(large) & punctured

Mode	Channel	Tone	Test Result (dBm)					
			configure	ant9	Ant15	mimo	Directional Gain	mimo eirp
				MCS0	MCS0	MCS0	MCS0	MCS0
802.11be-160	6025MHz (Ch15)	996+484+242 Tone	1	10.02	10.36	13.20	0.92	14.12
			2	9.83	10.40	13.13	0.92	14.05
			3	9.99	10.38	13.20	0.92	14.12
			4	9.88	10.39	13.15	0.92	14.07
			5	9.95	10.45	13.22	0.92	14.14
			6	9.92	10.39	13.17	0.92	14.09
			7	9.95	10.40	13.19	0.92	14.11
			8	9.91	10.35	13.15	0.92	14.07
	6185MHz (Ch47)	996+484+242 Tone	1	10.02	10.66	13.36	0.92	14.28
			2	10.05	10.74	13.42	0.92	14.34
			3	10.10	10.70	13.42	0.92	14.34
			4	10.10	10.71	13.43	0.92	14.35
			5	10.07	10.68	13.40	0.92	14.32

			6	10.03	10.71	13.39	0.92	14.31
			7	10.09	10.71	13.42	0.92	14.34
			8	10.10	10.72	13.43	0.92	14.35
	6345MHz (Ch79)	996+484+242 Tone	1	10.00	10.53	13.28	0.92	14.2
			2	10.00	10.58	13.31	0.92	14.23
			3	9.98	10.55	13.28	0.92	14.2
			4	9.94	10.56	13.27	0.92	14.19
			5	9.99	10.57	13.30	0.92	14.22
			6	9.96	10.57	13.29	0.92	14.21
			7	9.95	10.52	13.25	0.92	14.17
			8	9.92	10.54	13.25	0.92	14.17
	6505MHz (Ch111)	996+484+242 Tone	1	10.41	10.66	13.55	-0.05	13.5
			2	10.32	10.71	13.53	-0.05	13.48
			3	10.41	10.74	13.59	-0.05	13.54
			4	10.36	10.71	13.55	-0.05	13.5
			5	10.42	10.74	13.59	-0.05	13.54
			6	10.32	10.72	13.53	-0.05	13.48
			7	10.38	10.75	13.58	-0.05	13.53
			8	10.33	10.70	13.53	-0.05	13.48
	6665MHz (Ch143)	996+484+242 Tone	1	10.52	10.63	13.59	0.57	14.16
			2	10.51	10.58	13.56	0.57	14.13
			3	10.50	10.61	13.57	0.57	14.14
			4	10.53	10.65	13.60	0.57	14.17
			5	10.47	10.57	13.53	0.57	14.1
			6	10.44	10.66	13.56	0.57	14.13
			7	10.45	10.60	13.54	0.57	14.11
			8	10.51	10.66	13.60	0.57	14.17
	6825MHz (Ch175)	996+484+242 Tone	1	10.96	10.01	13.52	0.57	14.09
			2	10.97	9.98	13.51	0.57	14.08
			3	10.94	10.08	13.54	0.57	14.11
			4	10.97	10.06	13.55	0.57	14.12
			5	10.97	10.08	13.56	0.57	14.13
			6	10.98	10.03	13.54	0.57	14.11
			7	10.97	10.07	13.55	0.57	14.12
			8	11.00	10.06	13.57	0.57	14.14
	6985MHz (Ch207)	996+484+242 Tone	1	10.19	10.07	13.14	0.61	13.75
			2	10.16	10.18	13.18	0.61	13.79
			3	10.18	10.11	13.16	0.61	13.77
			4	10.24	10.16	13.21	0.61	13.82
			5	10.34	10.14	13.25	0.61	13.86

			6	10.19	10.08	13.15	0.61	13.76
			7	10.27	10.12	13.21	0.61	13.82
			8	10.16	10.10	13.14	0.61	13.75

Mode	Channel	Tone	Test Result (dBm)					
			configure	ant9	Ant15	mimo	Directional Gain	mimo eirp
				MCS0	MCS0	MCS0	MCS0	MCS0
802.11be-160	6025MHz (Ch15)	996+484 Tone	1	10.15	10.58	13.38	0.92	14.3
			2	10.09	10.58	13.35	0.92	14.27
			3	10.07	10.59	13.35	0.92	14.27
			4	10.04	10.57	13.32	0.92	14.24
	6185MHz (Ch47)	996+484 Tone	1	9.79	10.76	13.31	0.92	14.23
			2	9.85	10.79	13.36	0.92	14.28
			3	9.96	10.86	13.44	0.92	14.36
			4	10.00	10.92	13.49	0.92	14.41
	6345MHz (Ch79)	996+484 Tone	1	9.52	10.73	13.18	0.92	14.1
			2	9.53	10.75	13.19	0.92	14.11
			3	9.43	10.65	13.09	0.92	14.01
			4	9.44	10.69	13.12	0.92	14.04
	6505MHz (Ch111)	996+484 Tone	1	9.75	10.28	13.03	-0.05	12.98
			2	9.73	10.33	13.05	-0.05	13
			3	9.78	10.32	13.07	-0.05	13.02
			4	9.78	10.33	13.07	-0.05	13.02
	6665MHz (Ch143)	996+484 Tone	1	10.53	10.47	13.51	0.57	14.08
			2	10.50	10.46	13.49	0.57	14.06
			3	10.46	10.49	13.49	0.57	14.06
			4	10.49	10.55	13.53	0.57	14.1
	6825MHz (Ch175)	996+484 Tone	1	10.73	9.84	13.32	0.57	13.89
			2	10.74	9.94	13.37	0.57	13.94
			3	10.77	9.91	13.37	0.57	13.94
			4	10.79	9.92	13.39	0.57	13.96
	6985MHz (Ch207)	996+484 Tone	1	10.26	10.30	13.29	0.61	13.9
			2	10.23	10.35	13.30	0.61	13.91
			3	10.26	10.28	13.28	0.61	13.89
			4	10.23	10.27	13.26	0.61	13.87

802.11be-320 MRU(large) & punctured

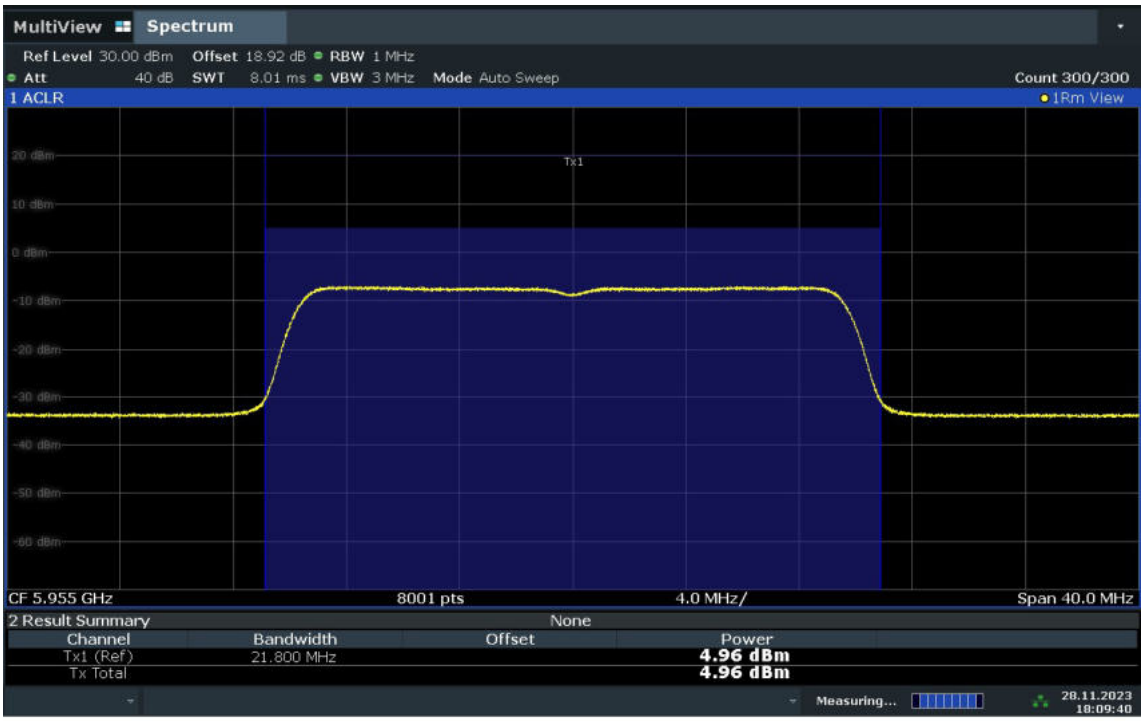
Mode	Channel	Tone	Test Result (dBm)

			configure	ant9	Ant15	mimo	Directional Gain	mimo eirp
				MCS0	MCS0	MCS0	MCS0	MCS0
802.11be-320	6105MHz (Ch31)	2x996+484 Tone	1	9.36	10.44	12.94	0.92	13.86
			2	9.32	10.42	12.92	0.92	13.84
			3	9.3	10.38	12.88	0.92	13.8
			4	9.27	10.39	12.88	0.92	13.8
			5	9.27	10.43	12.90	0.92	13.82
			6	9.31	10.46	12.93	0.92	13.85
			7	9.34	10.5	12.97	0.92	13.89
			8	9.31	10.48	12.94	0.92	13.86
			9	9.29	10.47	12.93	0.92	13.85
			10	9.36	10.48	12.97	0.92	13.89
			11	9.4	10.48	12.98	0.92	13.9
			12	9.41	10.5	13.00	0.92	13.92
		3x996 Tone	1	9.26	10.43	12.89	0.92	13.81
			2	9.21	10.42	12.87	0.92	13.79
			3	9.24	10.44	12.89	0.92	13.81
			4	9.39	10.5	12.99	0.92	13.91
		3x996+484 Tone	1	9.21	10.34	12.82	0.92	13.74
			2	9.19	10.39	12.84	0.92	13.76
			3	9.15	10.37	12.81	0.92	13.73
			4	9.14	10.34	12.79	0.92	13.71
			5	9.15	10.39	12.82	0.92	13.74
			6	9.15	10.39	12.82	0.92	13.74
			7	9.26	10.4	12.88	0.92	13.8
			8	9.21	10.42	12.87	0.92	13.79
	6265MHz (Ch63)	2x996+484 Tone	1	9.51	10.4	12.99	0.92	13.91
			2	9.53	10.39	12.99	0.92	13.91
			3	9.57	10.42	13.03	0.92	13.95
			4	9.6	10.47	13.07	0.92	13.99
			5	9.55	10.49	13.06	0.92	13.98
			6	9.46	10.45	12.99	0.92	13.91
			7	9.82	10.5	13.18	0.92	14.1
			8	9.82	10.48	13.17	0.92	14.09
			9	9.77	10.46	13.14	0.92	14.06
			10	9.75	10.49	13.15	0.92	14.07
			11	9.7	10.5	13.13	0.92	14.05
			12	9.76	10.5	13.16	0.92	14.08
			1	9.61	10.39	13.03	0.92	13.95

		3x996 Tone	2	9.77	10.44	13.13	0.92	14.05
			3	9.66	10.54	13.13	0.92	14.05
			4	9.56	10.46	13.04	0.92	13.96
		3x996+484 Tone	1	9.49	10.34	12.95	0.92	13.87
			2	9.48	10.38	12.96	0.92	13.88
			3	9.54	10.4	13.00	0.92	13.92
			4	9.57	10.43	13.03	0.92	13.95
			5	9.52	10.45	13.02	0.92	13.94
			6	9.45	10.42	12.97	0.92	13.89
			7	9.45	10.43	12.98	0.92	13.9
			8	9.42	10.41	12.95	0.92	13.87
	6425MHz (Ch95)	2x996+484 Tone	1	9.8	10.39	13.12	-0.05	13.07
			2	9.79	10.46	13.15	-0.05	13.1
			3	9.76	10.4	13.10	-0.05	13.05
			4	9.72	10.42	13.09	-0.05	13.04
			5	9.78	10.49	13.16	-0.05	13.11
			6	9.8	10.51	13.18	-0.05	13.13
			7	9.9	10.55	13.25	-0.05	13.2
			8	9.92	10.53	13.25	-0.05	13.2
			9	9.91	10.56	13.26	-0.05	13.21
			10	9.97	10.58	13.30	-0.05	13.25
			11	9.94	10.58	13.28	-0.05	13.23
			12	9.94	10.62	13.30	-0.05	13.25
		3x996 Tone	1	9.76	10.55	13.18	-0.05	13.13
			2	9.72	10.49	13.13	-0.05	13.08
			3	9.77	10.56	13.19	-0.05	13.14
			4	9.81	10.63	13.25	-0.05	13.2
		3x996+484 Tone	1	9.88	10.92	13.44	-0.05	13.39
			2	9.9	10.88	13.43	-0.05	13.38
			3	9.92	10.91	13.45	-0.05	13.4
			4	9.91	10.92	13.45	-0.05	13.4
			5	9.93	10.94	13.47	-0.05	13.42
			6	9.96	10.97	13.50	-0.05	13.45
			7	9.94	11	13.51	-0.05	13.46
			8	9.95	10.99	13.51	-0.05	13.46
	6585MHz (Ch127)	2x996+484 Tone	1	10.08	10.45	13.28	0.57	13.85
			2	10.07	10.5	13.30	0.57	13.87
			3	10.14	10.54	13.35	0.57	13.92
			4	10.11	10.58	13.36	0.57	13.93
			5	10.05	10.57	13.33	0.57	13.9

			6	10.01	10.59	13.32	0.57	13.89
			7	10.42	10.54	13.49	0.57	14.06
			8	10.41	10.5	13.47	0.57	14.04
			9	10.41	10.57	13.50	0.57	14.07
			10	10.26	10.57	13.43	0.57	14
			11	10.24	10.61	13.44	0.57	14.01
			12	10.29	10.7	13.51	0.57	14.08
		3x996 Tone	1	9.65	9.91	12.79	0.57	13.36
			2	9.73	9.97	12.86	0.57	13.43
			3	9.65	10.05	12.86	0.57	13.43
			4	9.57	10.1	12.85	0.57	13.42
		3x996+484 Tone	1	9.98	10.38	13.19	0.57	13.76
			2	9.99	10.49	13.26	0.57	13.83
			3	10	10.46	13.25	0.57	13.82
			4	10.01	10.47	13.26	0.57	13.83
			5	9.99	10.52	13.27	0.57	13.84
			6	9.93	10.5	13.23	0.57	13.8
			7	9.93	10.54	13.26	0.57	13.83
			8	9.94	10.55	13.27	0.57	13.84
	6745MHz (Ch159)	2x996+484 Tone	1	10.58	9.46	13.07	0.57	13.64
			2	10.53	9.52	13.06	0.57	13.63
			3	10.45	9.52	13.02	0.57	13.59
			4	10.48	9.59	13.07	0.57	13.64
			5	10.52	9.66	13.12	0.57	13.69
			6	10.55	9.69	13.15	0.57	13.72
			7	10.56	9.36	13.01	0.57	13.58
			8	10.58	9.41	13.04	0.57	13.61
			9	10.56	9.5	13.07	0.57	13.64
			10	10.48	9.53	13.04	0.57	13.61
			11	10.66	9.51	13.13	0.57	13.7
			12	10.65	9.54	13.14	0.57	13.71
		3x996 Tone	1	10.47	9.34	12.95	0.57	13.52
			2	10.48	9.42	12.99	0.57	13.56
			3	10.47	9.66	13.09	0.57	13.66
			4	10.5	9.63	13.10	0.57	13.67
		3x996+484 Tone	1	10.24	9.29	12.80	0.57	13.37
			2	10.31	9.31	12.85	0.57	13.42
			3	10.25	9.34	12.83	0.57	13.4
			4	10.33	9.39	12.90	0.57	13.47
			5	10.37	9.46	12.95	0.57	13.52

			6	10.36	9.48	12.95	0.57	13.52
			7	10.39	9.47	12.96	0.57	13.53
			8	10.34	9.46	12.93	0.57	13.5
	6905MHz (Ch191)	2x996+484 Tone	1	10.09	9.89	13.00	0.61	13.61
			2	10.11	9.94	13.04	0.61	13.65
			3	10.14	9.93	13.05	0.61	13.66
			4	10.17	9.95	13.07	0.61	13.68
			5	10.22	10	13.12	0.61	13.73
			6	10.2	10.01	13.12	0.61	13.73
			7	10.1	10.03	13.08	0.61	13.69
			8	10.15	10.02	13.10	0.61	13.71
			9	10.21	10.07	13.15	0.61	13.76
			10	10.23	10.09	13.17	0.61	13.78
			11	10.24	10.08	13.17	0.61	13.78
			12	10.18	10.09	13.15	0.61	13.76
		3x996 Tone	1	10.53	10.4	13.48	0.61	14.09
			2	10.53	10.47	13.51	0.61	14.12
			3	10.71	10.55	13.64	0.61	14.25
			4	10.66	10.52	13.60	0.61	14.21
		3x996+484 Tone	1	10.64	10.66	13.66	0.61	14.27
			2	10.68	10.72	13.71	0.61	14.32
			3	10.67	10.73	13.71	0.61	14.32
			4	10.75	10.73	13.75	0.61	14.36
			5	10.75	10.76	13.77	0.61	14.38
			6	10.77	10.77	13.78	0.61	14.39
			7	10.76	10.78	13.78	0.61	14.39
			8	10.74	10.73	13.75	0.61	14.36



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802.11be HE20(full RU) mode 5955MHz (Ch1)

Duty Cycle

Mode	11a
Duty Cycle	99%

Mode	11ax-HE 20M	11ax-HE 40M	11ax-HE 80M	11ax-HE 160M
Duty Cycle	90%	90%	90%	90%
Mode	11ax-HE 20M RU	11ax-HE 40M RU	11ax-HE 80M RU	11ax-HE 160M RU
Duty Cycle	95%	94%	94%	95%

Mode	11be-EHT 20M	11be-EHT 40M	11be-EHT 80M	11be-EHT 160M	11be-EHT 320M
Duty Cycle	89%	89%	89%	90%	90%

Mode	11be-EHT 20M RU	11be-EHT 40M RU	11be-EHT 80M RU	11be-EHT 160M RU	11be-EHT 320M RU	11be-EHT 20M 52+26 MRU	
Duty Cycle	95%	95%	94%	95%	95%	94%	
Mode	11be-EHT 20M 106+26 MRU	11be-EHT 80M 484+242 MRU	11be-EHT 160M 996+484+242 MRU	11be-EHT 160M 996+484 MRU	11be-EHT 320M 2*996+484 MRU	11be-EHT 320M 3*996 MRU	11be-EHT 320M 3*996+484 MRU
Duty Cycle	95%	94%	90%	90%	90%	89%	90%

11A-MIMO_Ant9_5955


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:

11a

Mode	Channel	Test Result (dBm)				
		ant9	Ant15	mimo	Directional Gain	mimo eirp
		6M	6M	6M	6M	6M
802.11a	5955MHz (Ch1)	-8.47	-7.21	-4.78	0.92	-3.86
	6175MHz (Ch45)	-8.09	-7.10	-4.56	0.92	-3.64
	6415MHz (Ch93)	-7.80	-6.78	-4.25	0.92	-3.33
	6435MHz (Ch97)	-7.96	-7.06	-4.48	-0.05	-4.53
	6475MHz (Ch105)	-8.58	-7.03	-4.73	-0.05	-4.78
	6515MHz (Ch113)	-8.19	-7.15	-4.63	-0.05	-4.68
	6535MHz (Ch117)	-9.48	-8.09	-5.72	0.57	-5.15
	6695MHz (Ch149)	-8.42	-8.02	-5.21	0.57	-4.64
	6855MHz (Ch181)	-7.98	-6.95	-4.42	0.57	-3.85
	6875MHz (Ch185)	-8.16	-6.90	-4.47	0.61	-3.86
	6895MHz (ch189)	-8.28	-6.99	-4.58	0.61	-3.97
	6995MHz (Ch209)	-8.57	-6.95	-4.67	0.61	-4.06
	7115MHz (Ch233)	-12.19	-11.16	-8.63	0.61	-8.02

802.11be-EHT20 full RU

Mode	Channel	Test Result (dBm)				
		ant9	Ant15	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
802.11be-EHT20 full RU	5955MHz (Ch1)	-9.24	-8.07	-5.61	0.92	-4.69
	6175MHz (Ch45)	-8.99	-7.95	-5.43	0.92	-4.51
	6415MHz (Ch93)	-8.73	-7.69	-5.17	0.92	-4.25
	6435MHz (Ch97)	-8.75	-7.88	-5.28	-0.05	-5.33
	6475MHz (Ch105)	-9.43	-7.98	-5.63	-0.05	-5.68
	6515MHz (Ch113)	-9.13	-7.94	-5.48	-0.05	-5.53
	6535MHz (Ch117)	-10.32	-8.84	-6.51	0.57	-5.94
	6695MHz (Ch149)	-9.15	-8.70	-5.91	0.57	-5.34
	6855MHz (Ch181)	-8.57	-7.54	-5.01	0.57	-4.44
	6875MHz (Ch185)	-8.74	-7.40	-5.01	0.61	-4.40
	6895MHz (ch189)	-8.80	-7.68	-5.19	0.61	-4.58
	6995MHz (Ch209)	-9.17	-7.60	-5.30	0.61	-4.69
	7115MHz (Ch233)	-28.05	-27.91	-24.97	0.61	-24.36

802.11be-EHT40 full RU

Mode	Channel	Test Result (dBm)				
		ant9	Ant15	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
802.11be-EHT40 full RU	5965MHz (Ch3)	-10.12	-6.60	-5.00	0.92	-4.08
	6165MHz (Ch43)	-9.64	-6.85	-5.01	0.92	-4.09
	6405MHz (Ch91)	-8.53	-6.77	-4.55	0.92	-3.63
	6445MHz (Ch99)	-8.96	-6.92	-4.81	-0.05	-4.86
	6485MHz (Ch107)	-8.90	-6.91	-4.78	-0.05	-4.83
	6525MHz (Ch115)	-9.31	-7.06	-5.03	-0.05	-5.08
	6565MHz (Ch123)	-8.82	-6.87	-4.73	0.57	-4.16
	6685MHz (Ch147)	-8.78	-7.35	-5.00	0.57	-4.43
	6845MHz (Ch179)	-8.00	-7.12	-4.53	0.57	-3.96
	6885MHz (Ch187)	-8.41	-6.93	-4.60	0.61	-3.99
	6925MHz (ch195)	-8.74	-7.10	-4.83	0.61	-4.22
	6965MHz (Ch203)	-9.82	-7.59	-5.55	0.61	-4.94
	7085MHz (Ch227)	-9.12	-7.03	-4.94	0.61	-4.33

802.11be-EHT80 full RU

Mode	Channel	Tone	Test Result (dBm)						
			configure	ant9	Ant15	mimo	Directional Gain	mimo eirp	
				MCS0	MCS0	MCS0	MCS0	MCS0	
802.11be-EHT80 full RU	5985MHz (Ch7)	/	/	-10.08	-7.05	-5.30	0.92	-4.38	
	6145MHz (Ch39)	/	/	-10.53	-8.09	-6.13	0.92	-5.21	
	6385MHz (Ch87)	/	/	-10.30	-8.24	-6.14	0.92	-5.22	
	6465MHz (Ch103)	/	/	-9.97	-8.05	-5.89	-0.05	-5.94	
	6545MHz (Ch119)	/	/	-10.58	-8.49	-6.40	0.57	-5.83	
	6625MHz (Ch135)	/	/	-9.36	-7.99	-5.61	0.57	-5.04	
	6705MHz (Ch151)	/	/	-8.99	-7.72	-5.30	0.57	-4.73	
	6785MHz (Ch167)	/	/	-7.76	-7.38	-4.56	0.57	-3.99	
	6865MHz (Ch183)	/	/	-9.37	-8.03	-5.64	0.57	-5.07	
	6945MHz (Ch199)	/	/	-9.92	-8.19	-5.96	0.61	-5.35	
	7025MHz (Ch215)	/	/	-9.90	-7.95	-5.81	0.61	-5.20	

802.11ax-HE160 full RU

Mode	Channel	Tone	Test Result (dBm)						
			configure	ant9	Ant15	mimo	Directional Gain	mimo eirp	
				MCS0	MCS0	MCS0	MCS0	MCS0	
802.11ax-HE160 full RU	6025MHz (Ch15)	/	/	-9.45	-6.22	-4.53	0.92	-3.61	
	6185MHz (Ch47)	/	/	-11.94	-9.57	-7.58	0.92	-6.66	
	6345MHz (Ch79)	/	/	-12.42	-10.38	-8.27	0.92	-7.35	
	6505MHz (Ch111)	/	/	-11.53	-10.31	-7.87	-0.05	-7.92	
	6665MHz (Ch143)	/	/	-11.08	-9.76	-7.36	0.57	-6.79	

	6825MHz (Ch175)	/	/	-11.39	-10.45	-7.88	0.57	-7.31
	6985MHz (Ch207)	/	/	-12.23	-10.21	-8.09	0.61	-7.48

802.11be-EHT320 full RU

Mode	Channel	Tone	Test Result (dBm)					
			configure	ant9	Ant15	mimo	Directional Gain	mimo eirp
				MCS0	MCS0	MCS0	MCS0	MCS0
802.11be-EHT320 full RU	6105MHz (Ch31)	/	/	-15.47	-12.85	-10.96	0.92	-10.04
	6265MHz (Ch63)	/	/	-15.74	-13.14	-11.24	0.92	-10.32
	6425MHz (Ch95)	/	/	-14.72	-12.12	-10.22	-0.05	-10.27
	6585MHz (Ch127)	/	/	-14.96	-13.06	-10.90	0.57	-10.33
	6745MHz (Ch159)	/	/	-13.08	-12.96	-10.01	0.57	-9.44
	6905MHz (Ch191)	/	/	-15.05	-13.17	-11.00	0.61	-10.39

11A-MIMO_Ant9_5955

802.11be-EHT20 single RU

Mode	Channel	Test Result (dBm)				
		ant9	Ant15	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
RU26-I	5955MHz (Ch1)	-9.45	-8.29	-5.82	0.92	-4.90
	6175MHz (Ch45)	-8.98	-8.29	-5.61	0.92	-4.69
	6415MHz (Ch93)	-9.25	-8.43	-5.81	0.92	-4.89
	6435MHz (Ch97)	-9.82	-8.73	-6.23	-0.05	-6.28
	6475MHz (Ch105)	-10.30	-8.22	-6.13	-0.05	-6.18
	6515MHz (Ch113)	-9.93	-8.72	-6.27	-0.05	-6.32
RU26-R	6535MHz (Ch117)	-10.60	-8.60	-6.48	0.57	-5.91
	6695MHz (Ch149)	-8.57	-8.47	-5.51	0.57	-4.94
	6855MHz (Ch181)	-8.76	-9.13	-5.93	0.57	-5.36
	6875MHz (Ch185)	-8.48	-9.00	-5.72	0.61	-5.11
	6895MHz (ch189)	-8.90	-9.21	-6.04	0.61	-5.43
	6995MHz (Ch209)	-9.45	-9.38	-6.40	0.61	-5.79
	7115MHz (Ch233)	-18.65	-18.31	-15.47	0.61	-14.86

Mode	Channel	Test Result (dBm)				
		ant9	Ant15	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
RU52-I	5955MHz (Ch1)	-8.62	-8.01	-5.29	0.92	-4.37
	6175MHz (Ch45)	-8.51	-8.26	-5.37	0.92	-4.45

	6415MHz (Ch93)	-8.23	-7.90	-5.05	0.92	-4.13
	6435MHz (Ch97)	-8.77	-7.81	-5.25	-0.05	-5.30
	6475MHz (Ch105)	-9.93	-8.17	-5.95	-0.05	-6.00
	6515MHz (Ch113)	-9.55	-8.42	-5.94	-0.05	-5.99
RU52-R	6535MHz (Ch117)	-9.72	-8.03	-5.78	0.57	-5.21
	6695MHz (Ch149)	-8.36	-8.17	-5.25	0.57	-4.68
	6855MHz (Ch181)	-8.58	-8.78	-5.67	0.57	-5.10
	6875MHz (Ch185)	-8.28	-8.63	-5.44	0.61	-4.83
	6895MHz (ch189)	-8.74	-8.87	-5.79	0.61	-5.18
	6995MHz (Ch209)	-9.19	-9.11	-6.14	0.61	-5.53
	7115MHz (Ch233)	-21.59	-21.09	-18.32	0.61	-17.71
Mode	**Channel**	**Test Result (dBm)**				
		ant9	**Ant15**	**mimo**	**Directional Gain**	**mimo eirp**
		MCS0	**MCS0**	**MCS0**	**MCS0**	**MCS0**
RU106-I	5955MHz (Ch1)	-10.63	-8.68	-6.54	0.92	-5.62
	6175MHz (Ch45)	-9.66	-8.35	-5.95	0.92	-5.03
	6415MHz (Ch93)	-9.15	-8.02	-5.54	0.92	-4.62
	6435MHz (Ch97)	-8.89	-7.87	-5.34	-0.05	-5.39
	6475MHz (Ch105)	-9.78	-7.98	-5.78	-0.05	-5.83
	6515MHz (Ch113)	-9.30	-8.12	-5.66	-0.05	-5.71
RU106-R	6535MHz (Ch117)	-10.12	-8.64	-6.31	0.57	-5.74
	6695MHz (Ch149)	-9.23	-8.61	-5.90	0.57	-5.33

	6855MHz (Ch181)	-11.18	-9.12	-7.02	0.57	-6.45
	6875MHz (Ch185)	-11.00	-9.11	-6.94	0.61	-6.33
	6895MHz (ch189)	-11.20	-8.99	-6.95	0.61	-6.34
	6995MHz (Ch209)	-11.30	-9.08	-7.04	0.61	-6.43
	7115MHz (Ch233)	-24.61	-24.16	-21.37	0.61	-20.76

Note: All tested, only the worst cases were reported.

11BE20MIMO_Ant9_5955_26Tone_RU0


802.11be-EHT20 MRU(small)

Mode	Channel	Test Result (dBm)				
		ant9	Ant15	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
52 Tone,index38 + 26Tone,index1	5955MHz (Ch1)	-10.41	-9.82	-7.09	0.92	-6.17
	6175MHz (Ch45)	-10.44	-10.07	-7.24	0.92	-6.32
	6415MHz (Ch93)	-10.25	-9.72	-6.97	0.92	-6.05
	6435MHz (Ch97)	-10.74	-9.67	-7.16	-0.05	-7.21
	6475MHz (Ch105)	-11.39	-9.59	-7.39	-0.05	-7.44
	6515MHz (Ch113)	-10.99	-9.83	-7.36	-0.05	-7.41
52 Tone,index39 + 26Tone,index7	6535MHz (Ch117)	-11.59	-9.92	-7.66	0.57	-7.09
	6695MHz (Ch149)	-9.72	-9.54	-6.62	0.57	-6.05
	6855MHz (Ch181)	-9.87	-10.21	-7.03	0.57	-6.46
	6875MHz (Ch185)	-9.66	-10.01	-6.82	0.61	-6.21
	6895MHz (ch189)	-10.09	-10.26	-7.16	0.61	-6.55
	6995MHz (Ch209)	-10.44	-10.50	-7.46	0.61	-6.85
	7115MHz (Ch233)	-23.41	-22.93	-20.15	0.61	-19.54
Mode	Channel	Test Result (dBm)				
		ant9	Ant15	mimo	Directional Gain	mimo eirp
		MCS0	MCS0	MCS0	MCS0	MCS0
106 Tone,index53 + 26Tone,index4	5955MHz (Ch1)	-10.84	-8.89	-6.75	0.92	-5.83
	6175MHz (Ch45)	-9.95	-8.72	-6.28	0.92	-5.36
	6415MHz (Ch93)	-9.78	-8.76	-6.23	0.92	-5.31
	6435MHz (Ch97)	-9.65	-8.62	-6.09	-0.05	-6.14
	6475MHz (Ch105)	-10.55	-8.65	-6.49	-0.05	-6.54
	6515MHz (Ch113)	-10.12	-8.97	-6.50	-0.05	-6.55
106 Tone,index54 + 26Tone,index4	6535MHz (Ch117)	-10.32	-8.99	-6.59	0.57	-6.02
	6695MHz (Ch149)	-9.91	-9.51	-6.70	0.57	-6.13
	6855MHz (Ch181)	-12.09	-9.97	-7.89	0.57	-7.32
	6875MHz (Ch185)	-11.88	-9.95	-7.80	0.61	-7.19
	6895MHz (ch189)	-12.08	-9.83	-7.80	0.61	-7.19
	6995MHz (Ch209)	-12.22	-9.93	-7.92	0.61	-7.31
	7115MHz (Ch233)	-25.47	-25.16	-22.30	0.61	-21.69

802.11be-EHT80 MRU(large)

Mode	Channel	Tone	Test Result (dBm)					
			configure	ant9	Ant15	mimo	Directional Gain	mimo eirp
				MCS0	MCS0	MCS0	MCS0	MCS0
802.11be-EHT80	5985MHz (Ch7)	484+242 Tone	1	-10.89	-8.35	-6.43	0.92	-5.51
			2	-10.93	-8.41	-6.48	0.92	-5.56
			3	-10.97	-8.35	-6.46	0.92	-5.54
			4	-11.22	-8.32	-6.52	0.92	-5.60
	6145MHz (Ch39)	484+242 Tone	1	-11.07	-8.44	-6.55	0.92	-5.63
			2	-10.82	-8.43	-6.45	0.92	-5.53
			3	-10.79	-8.39	-6.42	0.92	-5.50
			4	-10.75	-8.29	-6.34	0.92	-5.42
	6385MHz (Ch87)	484+242 Tone	1	-10.59	-8.37	-6.33	0.92	-5.41
			2	-10.59	-8.38	-6.34	0.92	-5.42
			3	-10.56	-8.37	-6.32	0.92	-5.40
			4	-10.55	-8.39	-6.33	0.92	-5.41
	6465MHz (Ch103)	484+242 Tone	1	-10.51	-8.52	-6.39	-0.05	-6.44
			2	-10.46	-8.54	-6.38	-0.05	-6.43
			3	-10.46	-8.55	-6.39	-0.05	-6.44
			4	-10.72	-8.50	-6.46	-0.05	-6.51
	6545MHz (Ch119)	484+242 Tone	1	-10.75	-8.86	-6.69	0.57	-6.12
			2	-10.76	-8.81	-6.67	0.57	-6.10
			3	-10.74	-8.77	-6.63	0.57	-6.06
			4	-10.81	-8.76	-6.65	0.57	-6.08
	6625MHz (Ch135)	484+242 Tone	1	-10.21	-8.89	-6.49	0.57	-5.92
			2	-10.26	-8.88	-6.51	0.57	-5.94
			3	-10.18	-8.94	-6.51	0.57	-5.94
			4	-10.54	-8.95	-6.66	0.57	-6.09
	6705MHz (Ch151)	484+242 Tone	1	-9.77	-8.36	-6.00	0.57	-5.43
			2	-9.82	-8.69	-6.21	0.57	-5.64
			3	-9.78	-8.51	-6.09	0.57	-5.52
			4	-9.81	-8.52	-6.11	0.57	-5.54
	6785MHz (Ch167)	484+242 Tone	1	-9.72	-9.25	-6.47	0.57	-5.90
			2	-9.37	-8.65	-5.98	0.57	-5.41
			3	-9.34	-8.69	-5.99	0.57	-5.42
			4	-9.35	-8.71	-6.01	0.57	-5.44
	6865MHz (Ch183)	484+242 Tone	1	-10.36	-9.07	-6.66	0.57	-6.09
			2	-9.98	-8.97	-6.44	0.57	-5.87
			3	-9.99	-9.00	-6.46	0.57	-5.89

			4	-10.05	-9.05	-6.51	0.57	-5.94
	6945MHz (Ch199)	484+242 Tone	1	-10.95	-9.41	-7.10	0.61	-6.49
			2	-11.00	-9.19	-6.99	0.61	-6.38
			3	-10.96	-9.20	-6.98	0.61	-6.37
			4	-10.98	-9.19	-6.98	0.61	-6.37
	7025MHz (Ch215)	484+242 Tone	1	-11.12	-9.18	-7.03	0.61	-6.42
			2	-11.26	-9.23	-7.12	0.61	-6.51
			3	-11.24	-9.26	-7.13	0.61	-6.52
			4	-11.28	-9.16	-7.08	0.61	-6.47

802.11be-EHT160 MRU(large)

Mode	Channel	Tone	Test Result (dBm)					
			configure	ant9	Ant15	mimo	Directional Gain	mimo eirp
				MCS0	MCS0	MCS0	MCS0	MCS0
802.11be-EHT160	6025MHz (Ch15)	996+484+242 Tone	1	-11.27	-9.20	-7.10	0.92	-6.18
			2	-11.22	-9.23	-7.10	0.92	-6.18
			3	-11.25	-9.18	-7.08	0.92	-6.16
			4	-11.08	-9.08	-6.96	0.92	-6.04
			5	-11.04	-8.97	-6.87	0.92	-5.95
			6	-11.11	-9.13	-7.00	0.92	-6.08
			7	-11.25	-9.25	-7.13	0.92	-6.21
			8	-11.25	-9.18	-7.08	0.92	-6.16
	6185MHz (Ch47)	996+484+242 Tone	1	-11.53	-9.14	-7.16	0.92	-6.24
			2	-11.51	-9.16	-7.17	0.92	-6.25
			3	-11.44	-9.07	-7.08	0.92	-6.16
			4	-11.38	-8.98	-7.01	0.92	-6.09
			5	-11.25	-8.94	-6.93	0.92	-6.01
			6	-11.44	-9.03	-7.06	0.92	-6.14
			7	-11.44	-9.06	-7.08	0.92	-6.16
			8	-11.48	-9.09	-7.11	0.92	-6.19
	6345MHz (Ch79)	996+484+242 Tone	1	-12.15	-10.02	-7.95	0.92	-7.03
			2	-12.15	-9.96	-7.91	0.92	-6.99
			3	-12.06	-9.89	-7.83	0.92	-6.91
			4	-11.84	-9.75	-7.66	0.92	-6.74
			5	-11.98	-10.07	-7.91	0.92	-6.99
			6	-11.92	-9.87	-7.76	0.92	-6.84
			7	-12.06	-9.90	-7.84	0.92	-6.92
			8	-12.07	-9.88	-7.83	0.92	-6.91

	6505MHz (Ch111)	996+484+242 Tone	1	-11.18	-9.83	-7.44	-0.05	-7.49
			2	-11.17	-9.84	-7.44	-0.05	-7.49
			3	-11.07	-9.81	-7.38	-0.05	-7.43
			4	-11.04	-9.67	-7.29	-0.05	-7.34
			5	-10.96	-9.91	-7.39	-0.05	-7.44
			6	-11.03	-9.81	-7.37	-0.05	-7.42
			7	-11.13	-9.86	-7.44	-0.05	-7.49
			8	-11.10	-9.90	-7.45	-0.05	-7.50
	6665MHz (Ch143)	996+484+242 Tone	1	-11.32	-10.14	-7.68	0.57	-7.11
			2	-11.26	-10.08	-7.62	0.57	-7.05
			3	-11.22	-10.08	-7.60	0.57	-7.03
			4	-11.10	-9.91	-7.45	0.57	-6.88
			5	-11.15	-9.94	-7.49	0.57	-6.92
			6	-11.14	-10.06	-7.56	0.57	-6.99
			7	-11.25	-10.06	-7.60	0.57	-7.03
			8	-11.22	-10.15	-7.64	0.57	-7.07
	6825MHz (Ch175)	996+484+242 Tone	1	-10.39	-9.82	-7.09	0.57	-6.52
			2	-10.31	-9.72	-6.99	0.57	-6.42
			3	-10.39	-9.70	-7.02	0.57	-6.45
			4	-10.25	-9.61	-6.91	0.57	-6.34
			5	-10.23	-9.77	-6.98	0.57	-6.41
			6	-10.33	-9.69	-6.99	0.57	-6.42
			7	-10.43	-9.82	-7.10	0.57	-6.53
			8	-10.47	-9.83	-7.13	0.57	-6.56
	6985MHz (Ch207)	996+484+242 Tone	1	-11.81	-9.92	-7.75	0.61	-7.14
			2	-11.79	-9.90	-7.73	0.61	-7.12
			3	-11.75	-9.78	-7.64	0.61	-7.03
			4	-11.81	-9.78	-7.67	0.61	-7.06
			5	-11.64	-9.73	-7.57	0.61	-6.96
			6	-11.79	-9.81	-7.68	0.61	-7.07
			7	-11.93	-9.93	-7.81	0.61	-7.20
			8	-11.90	-9.94	-7.80	0.61	-7.19

Mode	Channel	Tone	Test Result (dBm)					
			configure	ant9	Ant15	mimo	Directional Gain	mimo eirp
				MCS0	MCS0	MCS0	MCS0	MCS0
802.11be-EHT160	6025MHz (Ch15)	996+484 Tone	1	-10.89	-8.49	-6.52	0.92	-5.60
			2	-10.73	-8.48	-6.45	0.92	-5.53
			3	-10.66	-8.13	-6.20	0.92	-5.28
			4	-10.86	-8.46	-6.49	0.92	-5.57
	6185MHz (Ch47)	996+484 Tone	1	-10.88	-8.98	-6.82	0.92	-5.90
			2	-10.71	-8.65	-6.55	0.92	-5.63
			3	-10.54	-8.59	-6.45	0.92	-5.53
			4	-10.65	-8.86	-6.65	0.92	-5.73
	6345MHz (Ch79)	996+484 Tone	1	-12.56	-9.98	-8.07	0.92	-7.15
			2	-12.19	-9.54	-7.66	0.92	-6.74
			3	-12.20	-9.70	-7.76	0.92	-6.84
			4	-12.18	-9.79	-7.81	0.92	-6.89
	6505MHz (Ch111)	996+484 Tone	1	-11.51	-9.58	-7.43	-0.05	-7.48
			2	-11.19	-9.27	-7.11	-0.05	-7.16
			3	-11.04	-9.38	-7.12	-0.05	-7.17
			4	-11.21	-9.63	-7.34	-0.05	-7.39
	6665MHz (Ch143)	996+484 Tone	1	-10.47	-9.52	-6.96	0.57	-6.39
			2	-10.19	-9.42	-6.78	0.57	-6.21
			3	-10.17	-9.20	-6.65	0.57	-6.08
			4	-10.28	-9.60	-6.92	0.57	-6.35
	6825MHz (Ch175)	996+484 Tone	1	-9.73	-8.99	-6.33	0.57	-5.76
			2	-9.51	-8.72	-6.09	0.57	-5.52
			3	-9.60	-8.97	-6.26	0.57	-5.69
			4	-9.85	-8.94	-6.36	0.57	-5.79
	6985MHz (Ch207)	996+484 Tone	1	-10.86	-9.29	-6.99	0.61	-6.38
			2	-10.72	-9.08	-6.81	0.61	-6.20
			3	-10.62	-8.99	-6.72	0.61	-6.11
			4	-10.98	-9.33	-7.07	0.61	-6.46

802.11be-EHT320 MRU(large)

Mode	Channel	Tone	Test Result (dBm)					
			configure	ant9	Ant15	mimo	Directional Gain	mimo eirp
				MCS0	MCS0	MCS0	MCS0	MCS0
802.11be-EHT320	6105MHz (Ch31)	2x996+484 Tone	1	-13.51	-13.39	-10.44	0.92	-9.52
			2	-13.57	-13.32	-10.43	0.92	-9.51
			3	-13.46	-13.20	-10.32	0.92	-9.40
			4	-13.26	-13.05	-10.14	0.92	-9.22
			5	-15.47	-12.98	-11.04	0.92	-10.12
			6	-15.40	-13.09	-11.08	0.92	-10.16
			7	-15.33	-13.33	-11.21	0.92	-10.29
			8	-15.52	-13.28	-11.25	0.92	-10.33
			9	-15.69	-13.15	-11.23	0.92	-10.31
			10	-15.60	-13.34	-11.31	0.92	-10.39
			11	-15.73	-13.39	-11.39	0.92	-10.47
			12	-15.77	-13.45	-11.45	0.92	-10.53
		3x996 Tone	1	-15.59	-13.36	-11.32	0.92	-10.40
			2	-15.21	-13.04	-10.98	0.92	-10.06
			3	-15.35	-12.87	-10.93	0.92	-10.01
			4	-15.36	-13.27	-11.18	0.92	-10.26
		3x996+484 Tone	1	-15.59	-13.19	-11.22	0.92	-10.30
			2	-15.51	-13.20	-11.19	0.92	-10.27
			3	-15.44	-13.06	-11.08	0.92	-10.16
			4	-15.21	-13.06	-10.99	0.92	-10.07
			5	-15.48	-12.83	-10.95	0.92	-10.03
			6	-15.38	-12.98	-11.01	0.92	-10.09
			7	-15.46	-13.12	-11.12	0.92	-10.20
			8	-15.42	-13.14	-11.12	0.92	-10.20
	6265MHz (Ch63)	2x996+484 Tone	1	-16.09	-13.76	-11.76	0.92	-10.84
			2	-15.98	-13.69	-11.68	0.92	-10.76
			3	-15.88	-13.52	-11.53	0.92	-10.61
			4	-15.68	-13.43	-11.40	0.92	-10.48
			5	-15.86	-13.26	-11.36	0.92	-10.44
			6	-15.76	-13.39	-11.40	0.92	-10.48
			7	-16.37	-13.88	-11.94	0.92	-11.02
			8	-16.05	-13.76	-11.75	0.92	-10.83
			9	-16.45	-13.63	-11.80	0.92	-10.88
			10	-16.24	-13.78	-11.83	0.92	-10.91
			11	-16.33	-13.91	-11.94	0.92	-11.02

			12	-16.32	-13.94	-11.96	0.92	-11.04
		3x996 Tone	1	-16.38	-13.74	-11.85	0.92	-10.93
			2	-15.87	-13.29	-11.38	0.92	-10.46
			3	-16.01	-13.12	-11.32	0.92	-10.40
			4	-15.89	-13.51	-11.53	0.92	-10.61
		3x996+484 Tone	1	-16.17	-16.02	-13.08	0.92	-12.16
			2	-16.10	-15.95	-13.01	0.92	-12.09
			3	-15.96	-15.88	-12.91	0.92	-11.99
			4	-15.81	-15.74	-12.76	0.92	-11.84
			5	-16.07	-16.01	-13.03	0.92	-12.11
			6	-15.84	-15.77	-12.79	0.92	-11.87
			7	-15.85	-15.80	-12.81	0.92	-11.89
			8	-15.87	-15.75	-12.80	0.92	-11.88
	6425MHz (Ch95)	2x996+484 Tone	1	-15.26	-13.16	-11.07	-0.05	-11.12
			2	-15.26	-13.11	-11.04	-0.05	-11.09
			3	-15.13	-12.96	-10.90	-0.05	-10.95
			4	-14.98	-13.01	-10.87	-0.05	-10.92
			5	-14.82	-12.73	-10.64	-0.05	-10.69
			6	-14.92	-12.93	-10.80	-0.05	-10.85
			7	-15.51	-13.01	-11.07	-0.05	-11.12
			8	-15.49	-13.00	-11.06	-0.05	-11.11
			9	-15.31	-12.87	-10.91	-0.05	-10.96
			10	-15.42	-13.01	-11.04	-0.05	-11.09
			11	-15.50	-13.06	-11.10	-0.05	-11.15
			12	-15.52	-13.19	-11.19	-0.05	-11.24
		3x996 Tone	1	-15.37	-12.90	-10.95	-0.05	-11.00
			2	-14.97	-12.61	-10.62	-0.05	-10.67
			3	-14.75	-12.41	-10.41	-0.05	-10.46
			4	-15.02	-12.80	-10.76	-0.05	-10.81
		3x996+484 Tone	1	-14.65	-12.10	-10.18	-0.05	-10.23
			2	-14.56	-12.04	-10.11	-0.05	-10.16
			3	-14.46	-11.91	-9.99	-0.05	-10.04
			4	-14.35	-12.00	-10.01	-0.05	-10.06
			5	-14.17	-11.74	-9.78	-0.05	-9.83
			6	-14.24	-11.65	-9.74	-0.05	-9.79
			7	-14.39	-11.96	-10.00	-0.05	-10.05
			8	-14.45	-11.98	-10.03	-0.05	-10.08
	6585MHz (Ch127)	2x996+484 Tone	1	-15.12	-15.03	-12.06	0.57	-11.49
			2	-15.12	-14.91	-12.00	0.57	-11.43
			3	-14.93	-14.88	-11.89	0.57	-11.32

			4	-14.68	-14.55	-11.60	0.57	-11.03
			5	-14.75	-14.59	-11.66	0.57	-11.09
			6	-14.80	-14.72	-11.75	0.57	-11.18
			7	-15.38	-15.15	-12.25	0.57	-11.68
			8	-15.23	-14.96	-12.08	0.57	-11.51
			9	-15.14	-14.97	-12.04	0.57	-11.47
			10	-15.23	-14.90	-12.05	0.57	-11.48
			11	-15.23	-14.95	-12.08	0.57	-11.51
			12	-15.31	-15.08	-12.18	0.57	-11.61
		3x996 Tone	1	-15.71	-13.57	-11.50	0.57	-10.93
			2	-15.16	-13.15	-11.03	0.57	-10.46
			3	-15.07	-13.14	-10.99	0.57	-10.42
			4	-15.44	-13.64	-11.44	0.57	-10.87
		3x996+484 Tone	1	-14.79	-13.05	-10.82	0.57	-10.25
			2	-14.84	-13.03	-10.83	0.57	-10.26
			3	-14.69	-12.88	-10.68	0.57	-10.11
			4	-14.46	-12.95	-10.63	0.57	-10.06
			5	-14.46	-12.87	-10.58	0.57	-10.01
			6	-14.56	-13.10	-10.76	0.57	-10.19
			7	-14.70	-13.16	-10.85	0.57	-10.28
			8	-14.70	-13.25	-10.90	0.57	-10.33
	6745MHz (Ch159)	2x996+484 Tone	1	-14.16	-13.97	-11.05	0.57	-10.48
			2	-14.05	-13.91	-10.97	0.57	-10.40
			3	-13.84	-13.79	-10.80	0.57	-10.23
			4	-13.90	-13.70	-10.79	0.57	-10.22
			5	-13.55	-13.51	-10.52	0.57	-9.95
			6	-13.81	-13.74	-10.76	0.57	-10.19
			7	-13.92	-13.76	-10.83	0.57	-10.26
			8	-13.93	-13.81	-10.86	0.57	-10.29
			9	-13.64	-13.44	-10.53	0.57	-9.96
			10	-13.91	-13.74	-10.81	0.57	-10.24
			11	-14.03	-13.88	-10.94	0.57	-10.37
			12	-14.06	-13.97	-11.00	0.57	-10.43
		3x996 Tone	1	-13.69	-13.58	-10.62	0.57	-10.05
			2	-13.36	-13.33	-10.33	0.57	-9.76
			3	-13.21	-13.30	-10.24	0.57	-9.67
			4	-13.69	-13.77	-10.72	0.57	-10.15
		3x996+484 Tone	1	-13.78	-13.70	-10.73	0.57	-10.16
			2	-13.71	-13.64	-10.66	0.57	-10.09
			3	-13.57	-13.59	-10.57	0.57	-10.00

			4	-13.64	-13.51	-10.56	0.57	-9.99
			5	-13.34	-13.44	-10.38	0.57	-9.81
			6	-13.48	-13.55	-10.50	0.57	-9.93
			7	-13.63	-13.67	-10.64	0.57	-10.07
			8	-13.77	-13.78	-10.76	0.57	-10.19
	6905MHz (Ch191)	2x996+484 Tone	1	-14.76	-13.45	-11.05	0.61	-10.44
			2	-14.77	-13.44	-11.04	0.61	-10.43
			3	-14.63	-13.22	-10.86	0.61	-10.25
			4	-14.49	-12.95	-10.64	0.61	-10.03
			5	-14.59	-13.24	-10.85	0.61	-10.24
			6	-14.77	-13.19	-10.90	0.61	-10.29
			7	-14.23	-13.03	-10.58	0.61	-9.97
			8	-14.13	-12.89	-10.46	0.61	-9.85
			9	-14.13	-13.08	-10.56	0.61	-9.95
			10	-14.32	-13.11	-10.66	0.61	-10.05
			11	-14.46	-13.27	-10.81	0.61	-10.20
			12	-14.56	-13.25	-10.85	0.61	-10.24
		3x996 Tone	1	-14.22	-12.61	-10.33	0.61	-9.72
			2	-13.98	-12.12	-9.94	0.61	-9.33
			3	-14.09	-12.46	-10.19	0.61	-9.58
			4	-14.57	-12.62	-10.48	0.61	-9.87
		3x996+484 Tone	1	-14.36	-12.59	-10.38	0.61	-9.77
			2	-14.22	-12.59	-10.32	0.61	-9.71
			3	-14.23	-12.43	-10.23	0.61	-9.62
			4	-14.08	-12.33	-10.11	0.61	-9.50
			5	-14.05	-12.57	-10.24	0.61	-9.63
			6	-14.29	-12.47	-10.28	0.61	-9.67
			7	-14.38	-12.58	-10.38	0.61	-9.77
			8	-14.49	-12.61	-10.44	0.61	-9.83

11BE20MIMO_Ant9_5955_52+26_OFDMA_1


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:

Test Mode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Verdict
11A-MIMO	Ant9	5955	21.12	5944.48	5965.60	PASS
	Ant15	5955	21.16	5944.48	5965.64	PASS
	Ant9	6175	21.16	6164.44	6185.60	PASS
	Ant15	6175	21.16	6164.36	6185.52	PASS
	Ant9	6415	21.52	6404.08	6425.60	PASS
	Ant15	6415	21.04	6404.48	6425.52	PASS
	Ant9	6435	21.20	6424.44	6445.64	PASS
	Ant15	6435	21.12	6424.44	6445.56	PASS
	Ant9	6475	21.60	6464.16	6485.76	PASS
	Ant15	6475	21.16	6464.40	6485.56	PASS
	Ant9	6515	21.56	6504.08	6525.64	PASS
	Ant15	6515	21.00	6504.52	6525.52	PASS
	Ant9	6535	21.16	6524.52	6545.68	PASS

	Ant15	6535	21.28	6524.36	6545.64	PASS
	Ant9	6695	21.20	6684.44	6705.64	PASS
	Ant15	6695	21.20	6684.40	6705.60	PASS
	Ant9	6855	21.28	6844.36	6865.64	PASS
	Ant15	6855	21.24	6844.32	6865.56	PASS
	Ant9	6875	21.20	6864.44	6885.64	PASS
	Ant15	6875	21.08	6864.44	6885.52	PASS
	Ant9	6895	21.40	6884.12	6905.52	PASS
	Ant15	6895	21.24	6884.36	6905.60	PASS
	Ant9	6995	21.48	6984.12	7005.60	PASS
	Ant15	6995	21.32	6984.32	7005.64	PASS
	Ant9	7115	20.68	7104.48	7125.16	PASS
	Ant15	7115	21.08	7104.44	7125.52	PASS
11AX160MIMO full RU	Ant9	6025	176.00	5937.32	6113.32	PASS
	Ant15	6025	173.76	5938.28	6112.04	PASS
	Ant9	6185	176.32	6095.72	6272.04	PASS
	Ant15	6185	174.08	6097.32	6271.40	PASS
	Ant9	6345	173.76	6258.92	6432.68	PASS
	Ant15	6345	173.12	6258.28	6431.40	PASS
	Ant9	6505	173.44	6417.96	6591.40	PASS
	Ant15	6505	172.80	6417.96	6590.76	PASS
	Ant9	6665	173.44	6578.60	6752.04	PASS
	Ant15	6665	173.76	6578.60	6752.36	PASS
	Ant9	6825	175.68	6736.04	6911.72	PASS
	Ant15	6825	176.00	6736.68	6912.68	PASS
	Ant9	6985	175.36	6896.68	7072.04	PASS
	Ant15	6985	174.72	6897.32	7072.04	PASS
11BE20MIMO full RU	Ant9	5955	21.80	5944.16	5965.96	PASS
	Ant15	5955	21.40	5944.28	5965.68	PASS
	Ant9	6175	21.52	6164.16	6185.68	PASS
	Ant15	6175	21.44	6164.32	6185.76	PASS
	Ant9	6415	22.00	6404.04	6426.04	PASS
	Ant15	6415	21.40	6404.28	6425.68	PASS
	Ant9	6435	21.44	6424.36	6445.80	PASS
	Ant15	6435	21.48	6424.24	6445.72	PASS
	Ant9	6475	21.44	6464.36	6485.80	PASS
	Ant15	6475	21.56	6464.20	6485.76	PASS
	Ant9	6515	21.68	6504.12	6525.80	PASS
	Ant15	6515	21.48	6504.16	6525.64	PASS
	Ant9	6535	21.40	6524.24	6545.64	PASS
	Ant15	6535	21.48	6524.20	6545.68	PASS
	Ant9	6695	21.52	6684.16	6705.68	PASS
	Ant15	6695	22.04	6683.96	6706.00	PASS

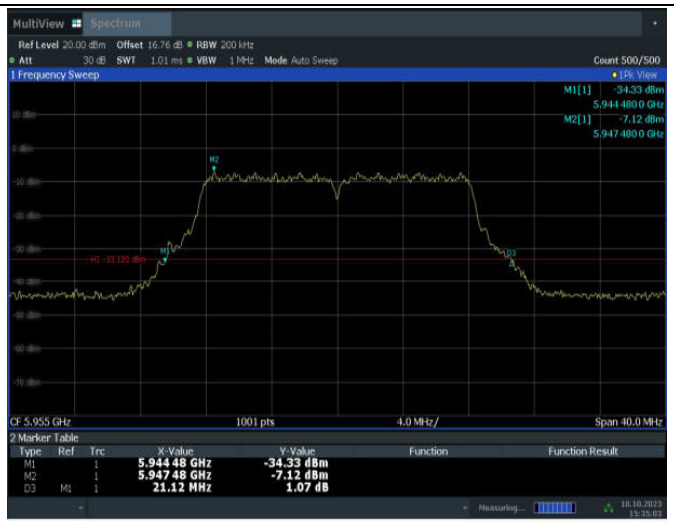
	Ant9	6855	21.52	6844.20	6865.72	PASS
	Ant15	6855	21.52	6844.16	6865.68	PASS
	Ant9	6875	21.72	6864.20	6885.92	PASS
	Ant15	6875	21.64	6864.12	6885.76	PASS
	Ant9	6895	21.52	6884.20	6905.72	PASS
	Ant15	6895	21.64	6884.12	6905.76	PASS
	Ant9	6995	21.24	6984.32	7005.56	PASS
	Ant15	6995	22.00	6984.08	7006.08	PASS
	Ant9	7115	21.64	7104.00	7125.64	PASS
	Ant15	7115	21.52	7104.20	7125.72	PASS
11BE40MIMO full RU	Ant9	5965	42.16	5943.80	5985.96	PASS
	Ant15	5965	43.04	5943.24	5986.28	PASS
	Ant9	6165	42.40	6143.64	6186.04	PASS
	Ant15	6165	42.16	6144.04	6186.20	PASS
	Ant9	6405	42.72	6383.72	6426.44	PASS
	Ant15	6405	42.32	6383.88	6426.20	PASS
	Ant9	6445	42.48	6423.72	6466.20	PASS
	Ant15	6445	42.56	6423.56	6466.12	PASS
	Ant9	6485	42.64	6463.80	6506.44	PASS
	Ant15	6485	42.48	6463.64	6506.12	PASS
	Ant9	6525	42.80	6503.64	6546.44	PASS
	Ant15	6525	41.76	6504.04	6545.80	PASS
	Ant9	6565	42.48	6543.72	6586.20	PASS
	Ant15	6565	42.32	6543.80	6586.12	PASS
	Ant9	6685	42.24	6663.72	6705.96	PASS
	Ant15	6685	42.40	6663.64	6706.04	PASS
	Ant9	6845	42.48	6823.72	6866.20	PASS
	Ant15	6845	42.56	6823.64	6866.20	PASS
	Ant9	6885	42.96	6863.56	6906.52	PASS
	Ant15	6885	42.48	6863.72	6906.20	PASS
	Ant9	6925	42.80	6903.40	6946.20	PASS
	Ant15	6925	42.40	6903.72	6946.12	PASS
	Ant9	6965	42.64	6943.72	6986.36	PASS
	Ant15	6965	42.64	6943.64	6986.28	PASS
	Ant9	7085	42.56	7063.80	7106.36	PASS
	Ant15	7085	42.40	7063.88	7106.28	PASS
11BE80MIMO full RU	Ant9	5985	89.92	5939.56	6029.48	PASS
	Ant15	5985	89.76	5939.24	6029.00	PASS
	Ant9	6145	90.08	6099.08	6189.16	PASS
	Ant15	6145	88.96	6100.36	6189.32	PASS
	Ant9	6385	88.48	6341.32	6429.80	PASS
	Ant15	6385	88.80	6340.68	6429.48	PASS
	Ant9	6465	90.40	6420.84	6511.24	PASS

	Ant15	6465	87.52	6420.84	6508.36	PASS
	Ant9	6545	89.76	6500.04	6589.80	PASS
	Ant15	6545	88.64	6499.56	6588.20	PASS
	Ant9	6625	89.92	6579.88	6669.80	PASS
	Ant15	6625	88.16	6580.68	6668.84	PASS
	Ant9	6705	88.80	6660.20	6749.00	PASS
	Ant15	6705	88.64	6660.68	6749.32	PASS
	Ant9	6785	89.60	6740.68	6830.28	PASS
	Ant15	6785	89.12	6740.36	6829.48	PASS
	Ant9	6865	88.96	6820.52	6909.48	PASS
	Ant15	6865	89.28	6820.04	6909.32	PASS
	Ant9	6945	88.48	6900.68	6989.16	PASS
	Ant15	6945	88.00	6900.68	6988.68	PASS
	Ant9	7025	90.40	6979.24	7069.64	PASS
	Ant15	7025	88.32	6980.84	7069.16	PASS
11BE320MIMO full RU	Ant9	6105	339.84	5934.12	6273.96	PASS
	Ant15	6105	336.64	5936.04	6272.68	PASS
	Ant9	6265	340.48	6095.40	6435.88	PASS
	Ant15	6265	340.48	6095.40	6435.88	PASS
	Ant9	6425	337.28	6257.32	6594.60	PASS
	Ant15	6425	336.64	6256.68	6593.32	PASS
	Ant9	6585	337.92	6417.32	6755.24	PASS
	Ant15	6585	337.92	6415.40	6753.32	PASS
	Ant9	6745	336.64	6576.68	6913.32	PASS
	Ant15	6745	336.00	6576.04	6912.04	PASS
	Ant9	6905	341.76	6734.12	7075.88	PASS
	Ant15	6905	339.84	6736.04	7075.88	PASS

Conclusion: PASS

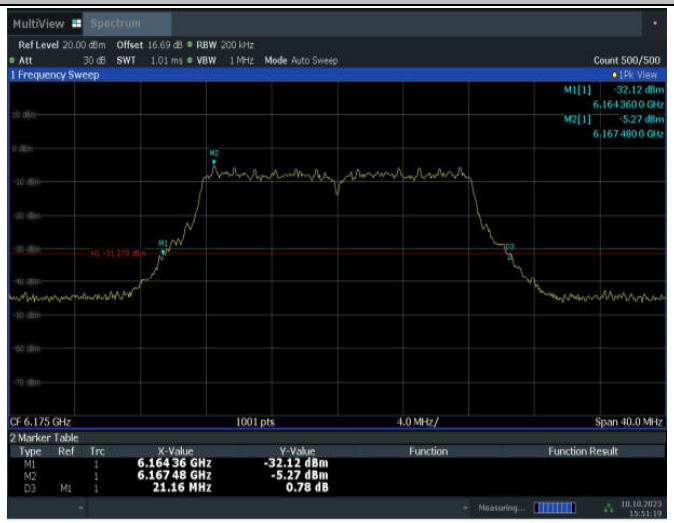
Test graphs as below:

11A-MIMO_Ant9_5955



11A-MIMO_Ant15_5955

11A-MIMO_Ant9_6175

11A-MIMO_Ant15_6175

11A-MIMO_Ant9_6415

11A-MIMO_Ant15_6415

11A-MIMO_Ant9_6435

11A-MIMO_Ant15_6435

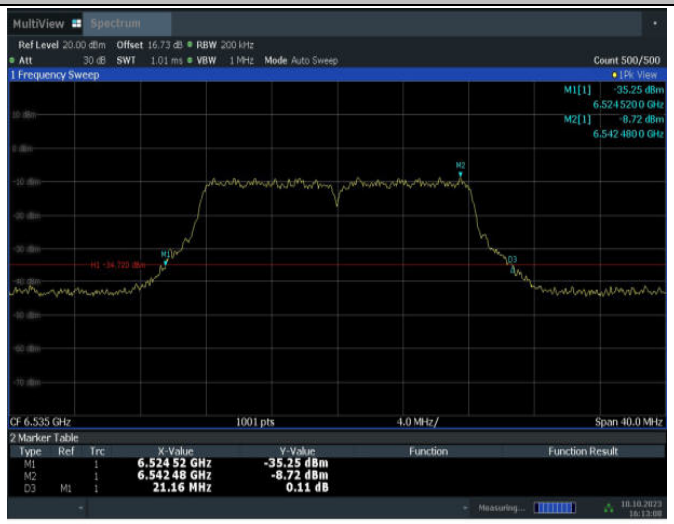
11A-MIMO_Ant9_6475

11A-MIMO_Ant15_6475

11A-MIMO_Ant9_6515

11A-MIMO_Ant15_6515

11A-MIMO_Ant9_6535



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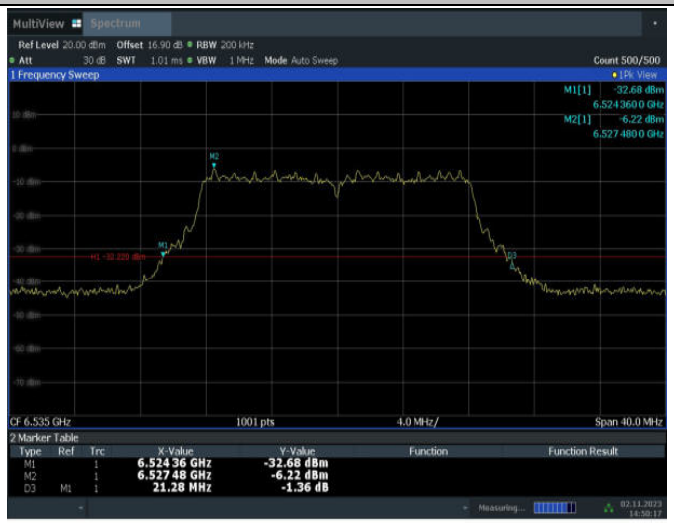
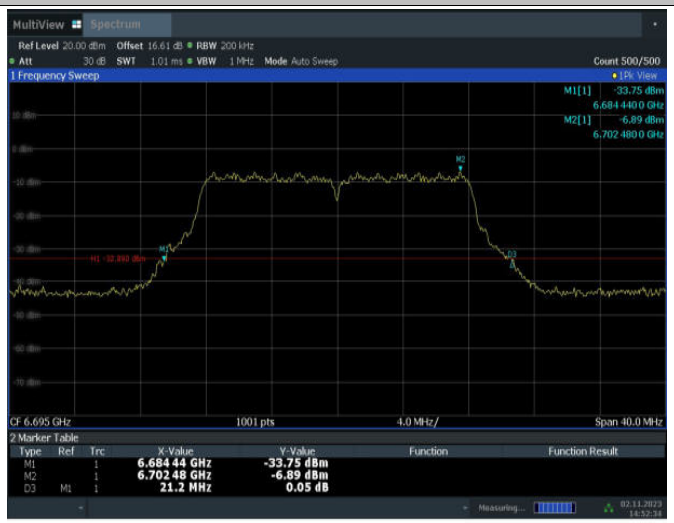


11A-MIMO_Ant9_6695


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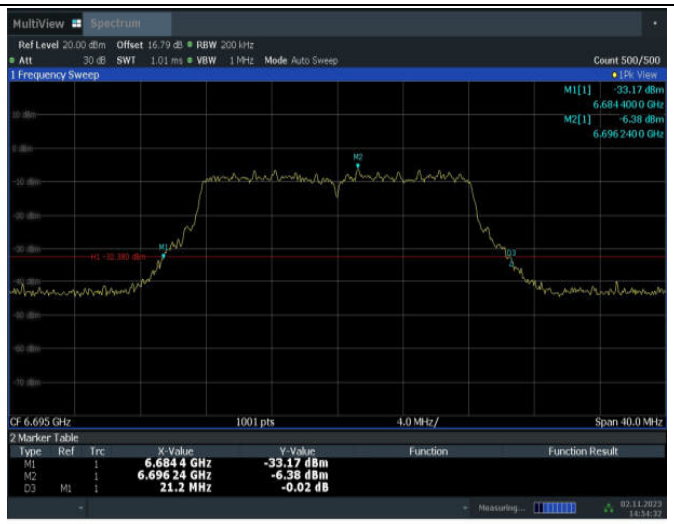

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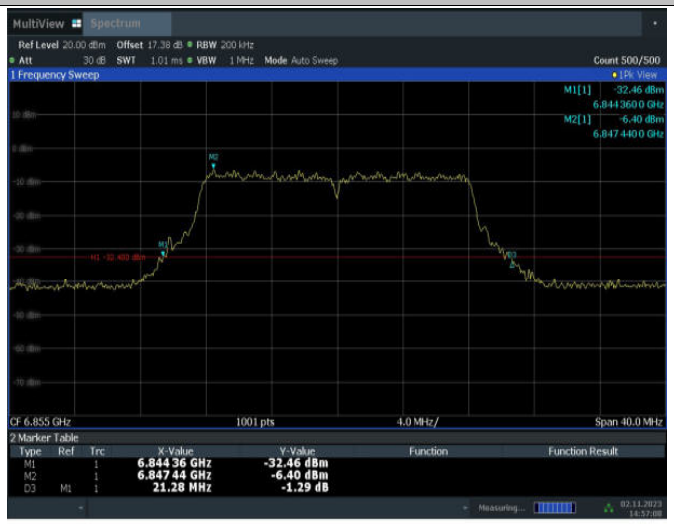
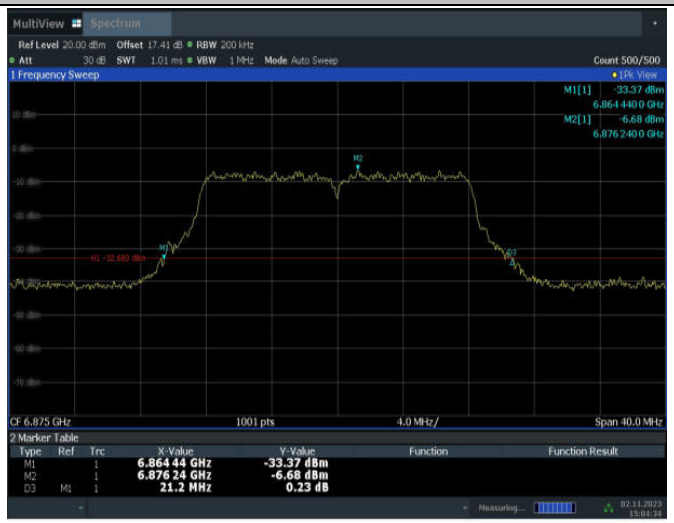
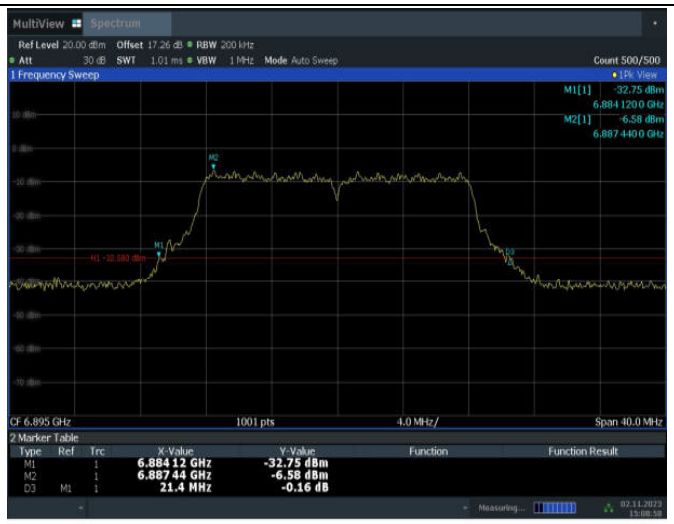


11A-MIMO_Ant15_6855

11A-MIMO_Ant9_6875

11A-MIMO_Ant15_6875

11A-MIMO_Ant9_6895



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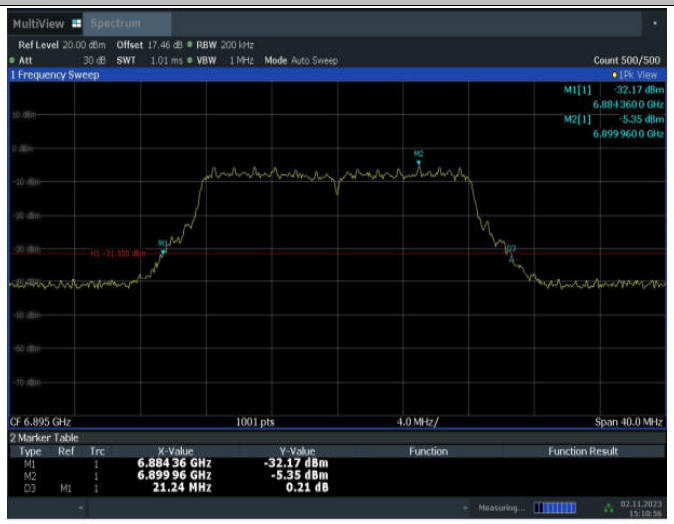

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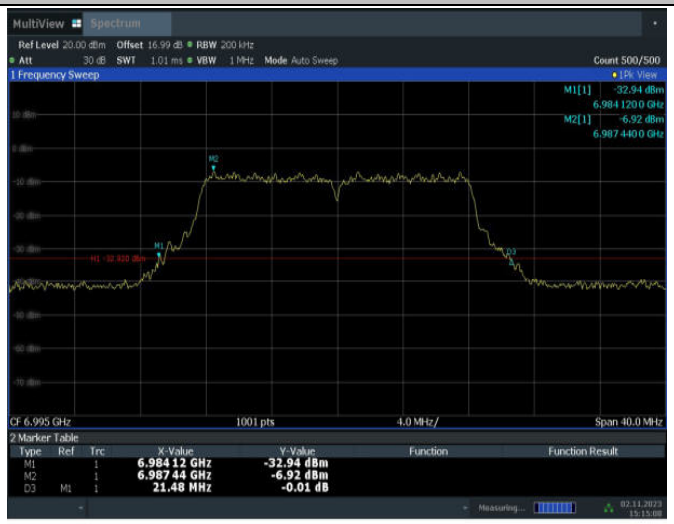
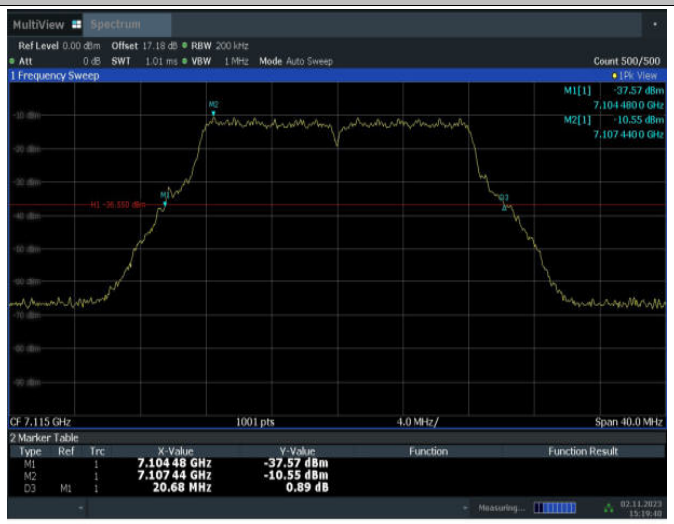


11A-MIMO_Ant15_6995

11A-MIMO_Ant9_7115

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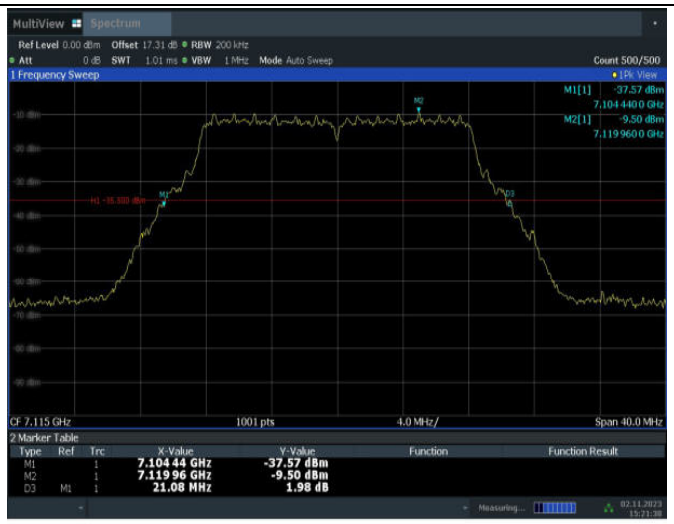

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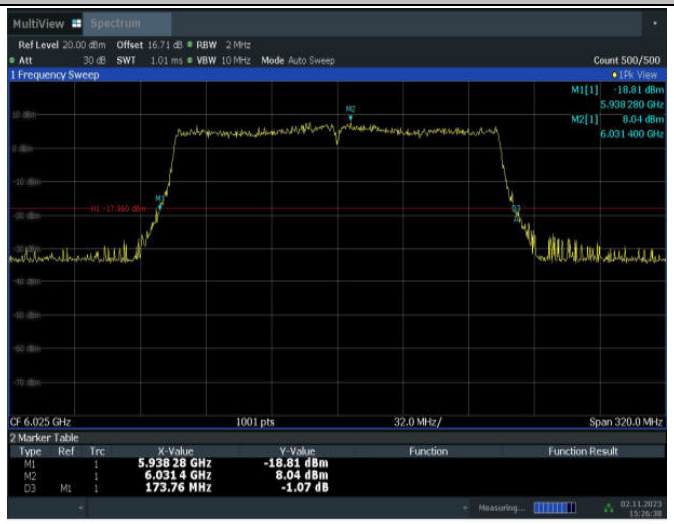
11AX160MIMO_Ant9_6025

15:24:41 02.11.2023

11AX160MIMO_Ant15_6025



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11AX160MIMO_Ant9_6185

11AX160MIMO_Ant15_6185

11AX160MIMO_Ant9_6345

11AX160MIMO_Ant15_6345

11AX160MIMO_Ant9_6505

11AX160MIMO_Ant15_6505

11AX160MIMO_Ant9_6665

11AX160MIMO_Ant15_6665

11AX160MIMO_Ant9_6825

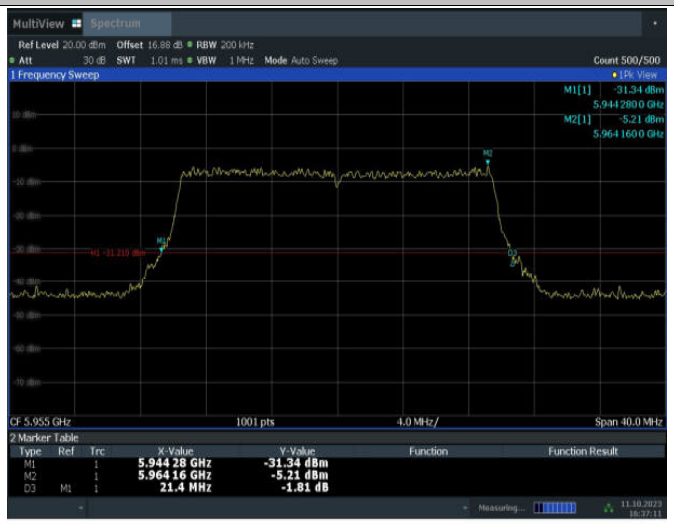
11AX160MIMO_Ant15_6825

11AX160MIMO_Ant9_6985

11AX160MIMO_Ant15_6985

11BE20MIMO_Ant9_5955

11BE20MIMO_Ant15_5955



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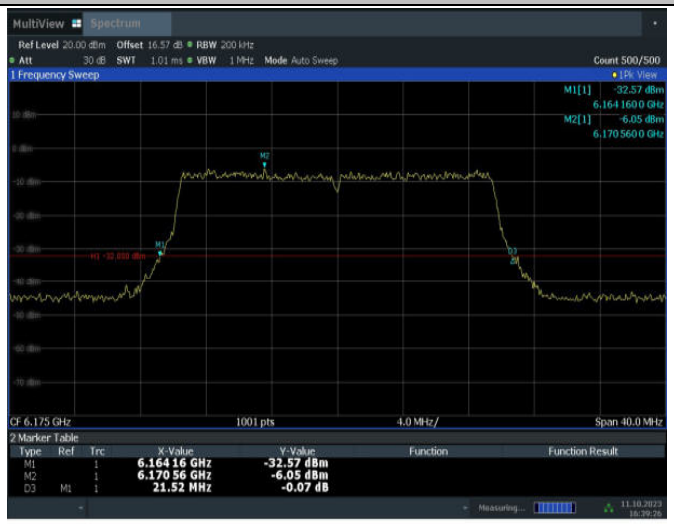
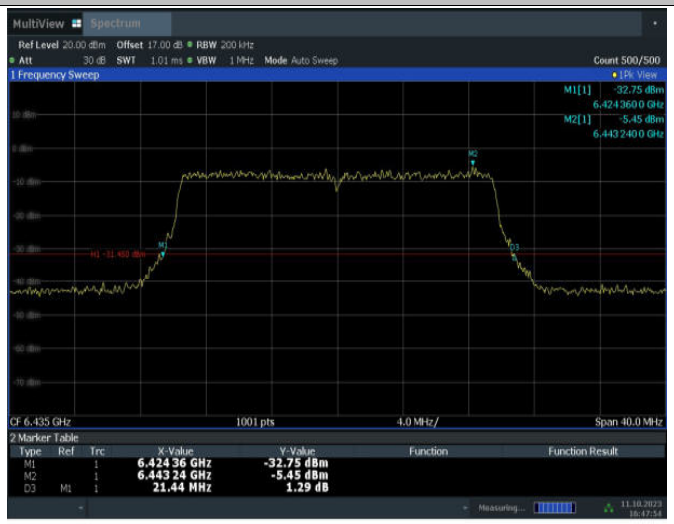


11BE20MIMO_Ant15_6175

11BE20MIMO_Ant9_6415

11BE20MIMO_Ant15_6415

11BE20MIMO_Ant9_6435



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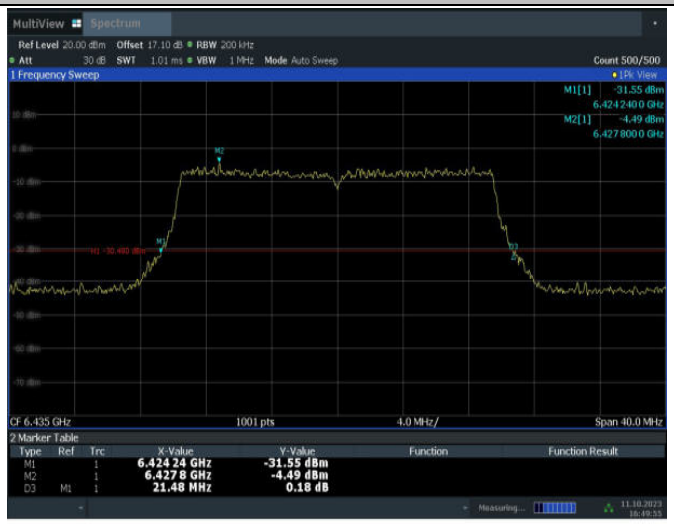

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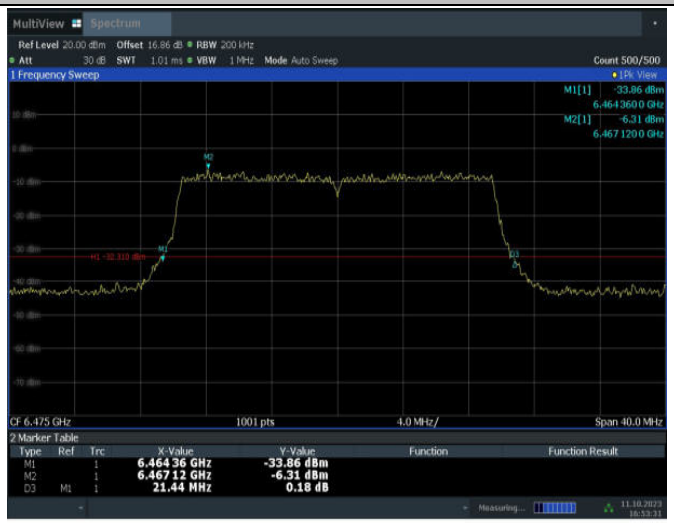
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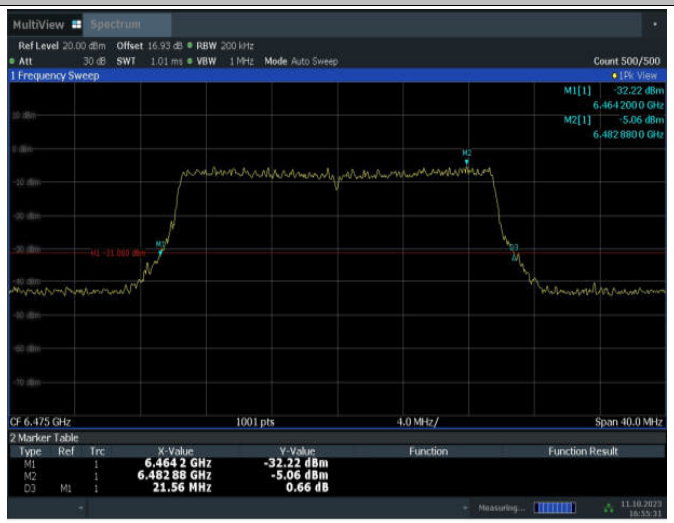
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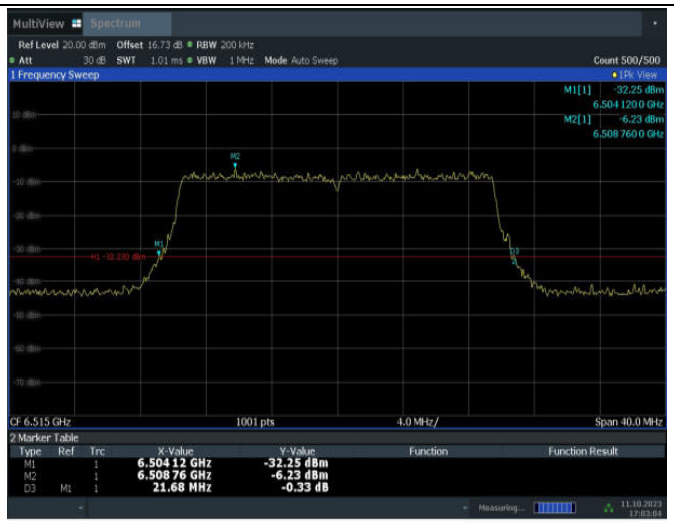

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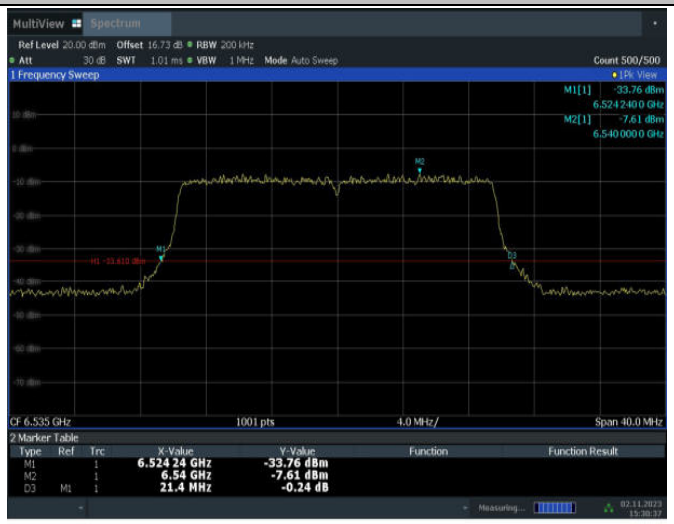

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11BE20MIMO_Ant9_6695

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11BE20MIMO_Ant9_6855

11BE20MIMO_Ant15_6855

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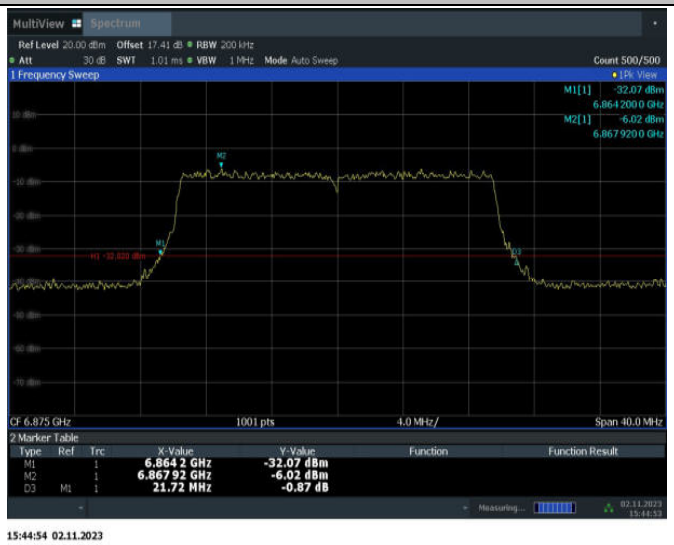
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