

RF TEST REPORT

Test Equipment : RC-TGU
Model Name : RC-TGU (300611-02665)
FCC ID : 2AXDMTGU5GWIFI6
IC : 26419-TGU5GWIFI6
Date of receipt : 2024-09-30
Test duration : 2024-10-16 ~ 2024-11-20
Date of issue : 2024-12-06

Applicant : DASAN Networks, Inc.
DASAN Tower, 49, Daewangpangyo-ro644Beon-gil, Bundang-gu,
Seongnam-si, Gyeonggi-do, 13493 KOREA

Test Laboratory Lab-T, Inc.
2182-42 Baegok-daero, Mohyeon-eup, Cheoin-gu, Yongin-si
Gyeonggi-do 17036, Korea

Test specification : FCC Part 15 Subpart E 15.407
RSS-247 Issue 3 (2023-08), RSS-GEN Issue 5 A2 (2021-02)

RF Output Power : 19.93 dBm

Test result : Pass

The above equipment was tested by Lab-T Testing Laboratory for compliance
with the requirements of FCC, IC Rules and Regulations.
The test results presented in this test report are limited only to the sample supplied by applicant
and the use of this test report is inhibited other than its purpose.
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Tested by:



Engineer
HyunWoo Lee

Reviewed by:



Technical Manager
SangHoon Yu

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1. Revision history

Test Report No.	Date	Description
TRRFCC24-0020	2024-12-06	Initial issue

2. Information

2.1 Applicant Information

Applicant name	DASAN Networks, Inc.
Address	DASAN Tower, 49, Daewangpangyo-ro644Beon-gil, Bundang-gu, Seongnam-si, Gyeonggi-do, 13493 KOREA
Telephone No.	+82 70-7010-1567
Person in charge	Kee Ryong Sung / kryong07@dasannetworks.com
Manufacturer	DASAN Networks, Inc.
Address	DASAN Tower, 49, Daewangpangyo-ro644Beon-gil, Bundang-gu, Seongnam-si, Gyeonggi-do, 13493 KOREA

2.2 Test Laboratory information

Corporate name	Lab-T, Inc.
Representative	Duke (Jongyoung) Kim
Address	2182-42 Baegok-daero, Mohyeon-eup, Cheoin-gu, Yongin-si, Gyeonggi-do 17036, Korea(Republic of)
Telephone	+82-31-322-6767
Fax	+82-31-322-6768
E-mail	info@lab-t.net

2.3 Test Location

Test Site	used	Address
Building L	☒	2182-40 Baegok-daero, Mohyeon-eup, Cheoin-gu, Yongin-si, Gyeonggi-do 17036, Korea(Republic of)
Building T	☒	2182-42 Baegok-daero, Mohyeon-eup, Cheoin-gu, Yongin-si, Gyeonggi-do 17036, Korea(Republic of)
Building A	☐	2182-44 Baegok-daero, Mohyeon-eup, Cheoin-gu, Yongin-si, Gyeonggi-do 17036, Korea(Republic of)

3. Information About Test Equipment

3.1 Equipment Information

Equipment type	RC-TGU
Equipment model name	RC-TGU (300611-02665)
Frequency range	5 180 MHz ~ 5 825 MHz / 5 190 MHz ~ 5 795 MHz 5 210 MHz ~ 5 775 MHz
Modulation type	OFDM, OFDMA
Power supply ^{Note 2}	DC 12 V, DC 24 V
H/W version	B1
S/W version	V0.10

Note 1 : The above EUT information was declared by the manufacturer.

Note 2 : The test was performed only at DC 24V.

3.2 Antenna Information

Type	Model No.	Gain				Note.
		5150 ~ 5250	5250 ~ 5350	5470 ~ 5725	5725 ~ 5850	
External antenna	HAG-TGU-WIFI-D	4.19 dBi	5.79 dBi	3.78 dBi	4.30 dBi	WLAN_5G_ANT 1
External antenna	HAG-TGU-WIFI-D	3.44 dBi	6.22 dBi	2.90 dBi	4.09 dBi	WLAN_5G_ANT 2

Note 1 : Antenna gain and antenna cable (LMR200) were considered together.

3.3 Test frequency

Test mode	Test frequency (MHz)			
	Band	Lowest Frequency	Middle Frequency	Highest Frequency
802.11a /802.11n(HT20) /802.11ac(VHT20) /802.11ax(HE20)_OFDM /802.11ax(HE20)_OFDMA	5150 ~ 5250	5 180	5 200	5 240
	5250 ~ 5350	5 260	5 300	5 320
	5470 ~ 5725	5 500	5 580	5 700
	straddle	5 720	-	-
	5725 ~ 5850	5 745	5 785	5 825
802.11n(HT40) /802.11ac(VHT40) /802.11ax(HE40)_OFDM /802.11ax(HE40)_OFDMA	5150 ~ 5250	5 190	5 230	-
	5250 ~ 5350	5 270	5 310	-
	5470 ~ 5725	5 510	5 550	5 670
	straddle	5 710	-	-
	5725 ~ 5850	5 755	5 795	-
802.11ac(VHT80) /802.11ax(HE80)_OFDM /802.11ax(HE80)_OFDMA	5150 ~ 5250	5 210	-	-
	5250 ~ 5350	5 290	-	-
	5470 ~ 5725	5 530	5 690	-
	5725 ~ 5850	5 775	-	-

3.4 Worst-case

802.11a_SISO	6 Mbps	802.11ax(HE20)_OFDM_MIMO	MCS0
802.11n(HT20)_SISO	MCS0	802.11ax(HE20)_OFDMA_SISO	MCS0
802.11n(HT20)_MIMO	MCS8	802.11ax(HE20)_OFDMA_MIMO	MCS0
802.11n(HT40)_SISO	MCS0	802.11ax(HE40)_OFDM_SISO	MCS0
802.11n(HT40)_MIMO	MCS8	802.11ax(HE40)_OFDM_MIMO	MCS0
802.11ac(VHT20)_SISO	MCS0	802.11ax(HE40)_OFDMA_SISO	MCS0
802.11ac(VHT20)_MIMO	MCS0	802.11ax(HE40)_OFDMA_MIMO	MCS0
802.11ac(VHT40)_SISO	MCS0	802.11ax(HE80)_OFDM_SISO	MCS0
802.11ac(VHT40)_MIMO	MCS0	802.11ax(HE80)_OFDM_MIMO	MCS0
802.11ac(VHT80)_SISO	MCS0	802.11ax(HE80)_OFDMA_SISO	MCS0
802.11ac(VHT80)_MIMO	MCS0	802.11ax(HE80)_OFDMA_MIMO	MCS0
802.11ax(HE20)_OFDM_SISO	MCS0	-	-

Note1 : The power measurement has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates.

3.5 Tested Companion Device Information

Type	Manufacturer	Model	Note
NXP EVB	-	-	Used OFDMA Test
Ublox EVB	-	-	Used OFDMA Test
Access Point	DASAN Zhone Solutions, Inc	H680GM	Used DFS Test (FCC ID : PJZH680GM)

3.6 Operating conditions for the EUT

Firmware state		V0.1
Test software name(version)		Used native test mode (-)
Test power setting		Declared setting value
Serial number (Setup mode)	EUT #1	#1 (Conducted / Radiated Emission)

4. Test Report

4.1 Summary

FCC Part 15E 407				
FCC Rule	IC Rule	Parameter	Clause	Status
Transmitter Requirements				
15.203 15.407(a)	RSS-247 5.4(f)	Antenna Requirement	4.3.1	C
15.407(a)	RSS-247 6.2.1.1 RSS-247 6.2.2.1	Maximum Conducted Output Power	4.3.2	C
15.407(a)	RSS-247 6.2.3.1 RSS-247 6.2.4.1	Maximum Power Spectral Density	4.3.3	C
15.403(i) 15.407(e)	-	Emission Bandwidth	4.3.4	C
-	RSS-GEN 6.7	Occupied Bandwidth	4.3.4	C
15.407(g)	RSS-GEN 6.11	Frequency Stability	4.3.5	C
15.407(b) 15.205(a) 15.209(a)	RSS-247 6.2.1.2 RSS-247 6.2.2.2 RSS-247 6.2.3.2 RSS-247 6.2.4.2	Radiated Emission, Band Edge and Restricted bands	4.3.6	C
15.207(a)	RSS-GEN 8.8	Conducted Emissions	4.3.7	N/A ^{NOTE2}
15.407(h)	RSS-247 6.3	Dynamic Frequency Selection	4.3.8	C
NOTE 1 : C = Comply N/C = Not Comply N/T = Not Tested N/A = Not Applicable				
NOTE 2 : This device only uses DC power.				

* The general test methods used to test this device is ANSI C63.10:2020

4.2 Measurement Uncertainty

Mesurement items	Expanded Uncertainty	
RF Output Power	1.16 dB	(The confidence level is about 95 %, k=2)
Power Spectral Density	1.48 dB	(The confidence level is about 95 %, k=2)
Occupied Channel Bandwidth	12.98 kHz	(The confidence level is about 95 %, k=2)
Conducted Spurious Emissions	0.47 dB	(The confidence level is about 95 %, k=2)
Radiated Spurious Emissions (1 GHz under)	4.78 dB	(The confidence level is about 95 %, k=2)
Radiated Spurious Emissions (Above 1 GHz)	5.96 dB	(The confidence level is about 95 %, k=2)

4.3 Transmitter Requirements

4.3.1 Antenna Requirement

4.3.1.1 Regulation

According to §15.203 An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

And according to §15.407(a)(1)(2)(3), If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

According to §RSS-247 5.4(f)(ii) If the transmitter employs an antenna system that emits multiple directional beams, but does not emit multiple directional beams simultaneously, the total output power conducted to the array or arrays that comprise the device (i.e. the sum of the power supplied to all antennas, antenna elements, staves, etc., and summed across all carriers or frequency channels) shall not exceed the applicable output power limit specified in sections 5.4(b) and 5.4(d). However, the total conducted output power shall be reduced by 1 dB below the specified limits for each 3 dB that the directional gain of the antenna/antenna array exceeds 6 dBi. The directional antenna gain shall be computed as the sum of $10 \log$ (number of array elements or staves) plus the directional gain of the element or stave having the highest gain.

4.3.1.2 Result

Comply (measurement data : refer to the next page)

4.3.1.3 Measurement data

		Antenna 1	Antenna 2
Type		External Antenna	
Connector type		SMA	
Gain	5150 ~ 5250	4.19 dBi	3.44 dBi
	5250 ~ 5350	5.79 dBi	6.22 dBi
	5470 ~ 5725	3.78 dBi	2.90 dBi
	5725 ~ 5850	4.30 dBi	4.09 dBi

Antenna	Directional Gain For Power(dBi)	Directional Gain For PSD(dBi)	Power Limit Reduction(dB)	PSD Limit Reduction(dB)
Band	5150 ~ 5250			
1	4.19	4.19	0.00	0.00
2	3.44	3.44	0.00	0.00
1+2	4.19	6.83	0.00	0.83
Band	5250 ~ 5350			
1	5.79	5.79	0.00	0.28
2	6.22	6.22	0.22	0.51
1+2	6.22	9.02	0.22	3.02
Band	5470 ~ 5725			
1	3.78	3.78	0.00	0.00
2	2.90	2.90	0.00	0.00
1+2	3.78	6.36	0.00	0.36
Band	5725 ~ 5850			
1	4.30	4.30	0.00	0.00
2	4.09	4.09	0.00	0.00
1+2	4.30	7.21	0.00	1.21

Note 1 : Antenna gain and antenna cable (LMR200) were considered together.

4.3.2 Maximum Conducted Output Power

4.3.2.1 Regulation

According to §15.407(a)(1)(iv) For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

According to §RSS-247 6.2.1.1 Frequency Band 5150-5250 MHz For OEM devices installed in vehicles, the maximum e.i.r.p. shall not exceed 30 mW or $1.76 + 10 \log_{10} B$, dBm, whichever is less, where B is the 99% emission bandwidth in megahertz. Devices shall implement transmitter power control (TPC) in order to have the capability to operate at least 3 dB below the maximum permitted e.i.r.p. of 30 mW.

According to §RSS-247 6.2.2.1 Frequency Band 5250-5350 MHz For OEM devices installed in vehicles, the maximum e.i.r.p. shall not exceed 30 mW or $1.76 + 10 \log_{10} B$, dBm, whichever is less, where B is the 99% emission bandwidth in megahertz. Devices shall implement TPC in order to have the capability to operate at least 3 dB below the maximum permitted e.i.r.p. of 30 mW.

According to §15.407(a)(2) For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

According to §RSS-247 6.2.3.1 Frequency Band 5470-5725 MHz The maximum conducted output power shall not exceed 250 mW or $11 + 10 \log_{10} B$, dBm, whichever is less. The power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

The maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log_{10} B$, dBm, whichever is less. B is the 99% emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

According to §15.407(a)(3) and RSS-247 6.2.4.1 For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

4.3.2.2 Measurement Procedure

These test measurement settings are specified in section E of 789033 D02 General UNII Test Procedures.

4.3.2.2.1 Measurement using a Power Meter (PM)

(i) Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the conditions listed below are satisfied.

The EUT is configured to transmit continuously or to transmit with a constant duty cycle.

At all times when the EUT is transmitting, it must be transmitting at its maximum power control level.

The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.

(ii) If the transmitter does not transmit continuously, measure the duty cycle, x , of the transmitter output signal as described in section II.B.

(iii) Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter.

(iv) Adjust the measurement in dBm by adding $10 \log (1/x)$ where x is the duty cycle (e.g., $10 \log (1/0.25)$ if the duty cycle is 25%).

4.3.2.3 Result

Comply (measurement data : refer to the next page)

4.3.2.4 Measurement data

Test mode : 802.11a

Antenna	Freq. (MHz)	Result (dBm)	Result (mW)	Limit (mW)
SISO ANT1	5 180	14.77	29.99	250.00
	5 200	15.81	38.11	250.00
	5 240	16.03	40.09	250.00
	5 260	16.96	49.66	249.90
	5 300	16.95	49.55	249.09
	5 320	15.01	31.70	250.00
	5 500	12.81	19.10	245.47
	5 580	16.15	41.21	244.81
	5 700	13.41	21.93	246.07
	5 720	16.58	45.50	249.09
	5 745	17.31	53.83	1 000.00
	5 785	17.41	55.08	1 000.00
	5 825	17.38	54.70	1 000.00
SISO ANT2	5 180	15.09	32.28	250.00
	5 200	16.19	41.59	250.00
	5 240	16.46	44.26	250.00
	5 260	17.08	51.05	233.20
	5 300	17.18	52.24	235.93
	5 320	15.22	33.27	233.58
	5 500	13.54	22.59	243.55
	5 580	19.09	81.10	246.62
	5 700	14.52	28.31	243.55
	5 720	18.22	66.37	246.17
	5 745	17.64	58.08	1 000.00
	5 785	17.46	55.72	1 000.00
	5 825	17.55	56.89	1 000.00

Note 1 : refer to 4.3.1 for information on limit reduction.

Note 2 : We took the insertion loss of the cable loss into consideration within the measuring instrument.

Note 3 : Result : Measured Value(ANT1, ANT2, ANT1 + ANT2) + Duty cycle Factor

Note 4 : Duty cycle Factor : $10 \cdot \log(1/(\text{on-time}/\text{Period}))$ refer to 4.3.6.7

Test mode : 802.11n(HT20)

Antenna	Freq. (MHz)	Result (dBm)	Result (mW)	Limit (mW)
SISO ANT1	5 180	12.73	18.75	250.00
	5 200	15.81	38.11	250.00
	5 240	16.05	40.27	250.00
	5 260	15.83	38.28	250.00
	5 300	15.98	39.63	250.00
	5 320	12.99	19.91	250.00
	5 500	12.78	18.97	250.00
	5 580	15.19	33.04	250.00
	5 700	13.38	21.78	250.00
	5 720	15.55	35.89	250.00
	5 745	16.35	43.15	1 000.00
	5 785	16.34	43.05	1 000.00
	5 825	16.45	44.16	1 000.00
SISO ANT2	5 180	13.11	20.46	250.00
	5 200	16.04	40.18	250.00
	5 240	16.46	44.26	250.00
	5 260	16.08	40.55	237.65
	5 300	16.19	41.59	237.65
	5 320	13.38	21.78	237.65
	5 500	13.54	22.59	250.00
	5 580	19.04	80.17	250.00
	5 700	14.52	28.31	250.00
	5 720	17.09	51.17	250.00
	5 745	16.59	45.60	1 000.00
	5 785	16.49	44.57	1 000.00
	5 825	16.67	46.45	1 000.00

Antenna	Freq. (MHz)	ANT1 (dBm)	ANT2 (dBm)	Result (dBm)	Result (mW)	Limit (mW)
MIMO	5 180	13.11	13.15	16.25	42.19	250.00
	5 200	14.14	14.30	17.34	54.24	250.00
	5 240	14.34	14.57	17.58	57.26	250.00
	5 260	16.32	16.09	19.33	85.68	237.65
	5 300	16.39	16.21	19.42	87.56	237.65
	5 320	13.38	13.36	16.49	44.59	237.65
	5 500	12.19	12.89	15.68	36.95	250.00
	5 580	15.58	17.76	19.93	98.34	250.00
	5 700	12.76	13.64	16.34	43.10	250.00
	5 720	15.86	17.11	19.65	92.30	250.00
	5 745	16.67	16.57	19.74	94.24	1 000.00
	5 785	16.65	16.48	19.69	93.07	1 000.00
	5 825	16.74	16.64	19.81	95.77	1 000.00

Note 1 : refer to 4.3.1 for information on limit reduction.

Note 2 : We took the insertion loss of the cable loss into consideration within the measuring instrument.

Note 3 : Result : Measured Value(ANT1, ANT2, ANT1 + ANT2) + Duty cycle Factor

Note 4 : Duty cycle Factor : $10 \cdot \log(1/(\text{on-time}/\text{Period}))$ refer to 4.3.6.7

Test mode : 802.11n(HT40)

Antenna	Freq. (MHz)	Result (dBm)	Result (mW)	Limit (mW)		
SISO ANT1	5 190	11.80	15.14	250.00		
	5 230	11.92	15.56	250.00		
	5 270	15.02	31.77	250.00		
	5 310	12.50	17.79	250.00		
	5 510	10.36	10.87	250.00		
	5 550	14.09	25.65	250.00		
	5 670	13.31	21.43	250.00		
	5 710	14.54	28.45	250.00		
	5 755	15.41	34.76	1 000.00		
	5 795	15.42	34.84	1 000.00		
SISO ANT2	5 190	12.32	17.06	250.00		
	5 230	12.61	18.24	250.00		
	5 270	15.07	32.14	237.65		
	5 310	12.40	17.38	237.65		
	5 510	10.53	11.30	250.00		
	5 550	15.27	33.66	250.00		
	5 670	13.92	24.66	250.00		
	5 710	15.80	38.02	250.00		
	5 755	15.32	34.05	1 000.00		
	5 795	15.25	33.50	1 000.00		
Antenna	Freq. (MHz)	ANT1 (dBm)	ANT2 (dBm)	Result (dBm)	Result (mW)	Limit (mW)
MIMO	5 190	11.24	11.01	14.34	27.16	250.00
	5 230	11.49	11.36	14.64	29.10	250.00
	5 270	15.06	14.79	18.14	65.17	237.65
	5 310	11.48	11.09	14.50	28.20	237.65
	5 510	9.32	9.09	12.42	17.46	250.00
	5 550	14.11	15.05	17.82	60.52	250.00
	5 670	13.27	14.01	16.87	48.63	250.00
	5 710	14.58	15.53	18.18	65.79	250.00
	5 755	15.37	15.12	18.46	70.15	1 000.00
	5 795	15.46	15.11	18.50	70.83	1 000.00

Note 1 : refer to 4.3.1 for information on limit reduction.

Note 2 : We took the insertion loss of the cable loss into consideration within the measuring instrument.

Note 3 : Result : Measured Value(ANT1, ANT2, ANT1 + ANT2) + Duty cycle Factor

Note 4 : Duty cycle Factor : $10 \cdot \log(1/(\text{on-time}/\text{Period}))$ refer to 4.3.6.7

Test mode : 802.11ac(VHT20)

Antenna	Freq. (MHz)	Result (dBm)	Result (mW)	Limit (mW)
SISO ANT1	5 180	12.73	18.75	250.00
	5 200	15.83	38.28	250.00
	5 240	16.06	40.36	250.00
	5 260	15.99	39.72	250.00
	5 300	16.04	40.18	250.00
	5 320	13.06	20.23	250.00
	5 500	12.81	19.10	250.00
	5 580	15.21	33.19	250.00
	5 700	13.42	21.98	250.00
	5 720	15.49	35.40	250.00
	5 745	16.41	43.75	1 000.00
	5 785	16.56	45.29	1 000.00
	5 825	16.51	44.77	1 000.00
SISO ANT2	5 180	13.13	20.56	250.00
	5 200	16.16	41.30	250.00
	5 240	16.46	44.26	250.00
	5 260	16.04	40.18	237.65
	5 300	16.20	41.69	237.65
	5 320	13.41	21.93	237.65
	5 500	13.58	22.80	250.00
	5 580	17.73	59.29	250.00
	5 700	14.48	28.05	250.00
	5 720	17.04	50.58	250.00
	5 745	16.64	46.13	1 000.00
	5 785	16.49	44.57	1 000.00
	5 825	16.68	46.56	1 000.00

Antenna	Freq. (MHz)	ANT1 (dBm)	ANT2 (dBm)	Result (dBm)	Result (mW)	Limit (mW)
MIMO	5 180	13.11	13.22	16.18	41.45	250.00
	5 200	14.26	14.34	17.31	53.83	250.00
	5 240	14.36	14.60	17.49	56.13	250.00
	5 260	16.40	16.17	19.30	85.05	237.65
	5 300	16.45	16.22	19.35	86.04	237.65
	5 320	13.39	13.43	16.42	43.86	237.65
	5 500	12.31	12.93	15.64	36.66	250.00
	5 580	15.62	17.88	19.91	97.85	250.00
	5 700	12.72	13.68	16.24	42.04	250.00
	5 720	16.04	17.09	19.61	91.35	250.00
	5 745	16.68	16.51	19.61	91.33	1 000.00
	5 785	16.78	16.49	19.65	92.21	1 000.00
	5 825	16.73	16.68	19.72	93.66	1 000.00

Note 1 : refer to 4.3.1 for information on limit reduction.

Note 2 : We took the insertion loss of the cable loss into consideration within the measuring instrument.

Note 3 : Result : Measured Value(ANT1, ANT2, ANT1 + ANT2) + Duty cycle Factor

Note 4 : Duty cycle Factor : $10 \cdot \log(1/(\text{on-time}/\text{Period}))$ refer to 4.3.6.7

Test mode : 802.11ac(VHT40)

Antenna	Freq. (MHz)		Result (dBm)	Result (mW)		Limit (mW)
SISO ANT1	5 190		11.84	15.26		250.00
	5 230		12.01	15.87		250.00
	5 270		15.03	31.81		250.00
	5 310		12.53	17.89		250.00
	5 510		10.38	10.90		250.00
	5 550		14.12	25.80		250.00
	5 670		13.31	21.41		250.00
	5 710		14.54	28.42		250.00
	5 755		15.43	34.88		1 000.00
	5 795		15.56	35.94		1 000.00
SISO ANT2	5 190		12.31	17.01		250.00
	5 230		12.61	18.22		250.00
	5 270		15.18	32.93		237.65
	5 310		12.43	17.48		237.65
	5 510		10.60	11.47		250.00
	5 550		15.31	33.93		250.00
	5 670		14.38	27.39		250.00
	5 710		15.87	38.60		250.00
	5 755		15.43	34.88		1 000.00
	5 795		15.55	35.86		1 000.00
Antenna	Freq. (MHz)	ANT1 (dBm)	ANT2 (dBm)	Result (dBm)	Result (mW)	Limit (mW)
MIMO	5 190	11.35	11.07	14.32	27.03	250.00
	5 230	11.61	11.44	14.63	29.05	250.00
	5 270	15.14	14.89	18.12	64.91	237.65
	5 310	11.57	11.20	14.50	28.15	237.65
	5 510	9.41	9.20	12.41	17.43	250.00
	5 550	14.24	15.11	17.80	60.30	250.00
	5 670	13.39	14.16	16.90	48.96	250.00
	5 710	14.67	15.58	18.25	66.91	250.00
	5 755	15.45	15.24	18.45	70.02	1 000.00
	5 795	15.60	15.27	18.54	71.52	1 000.00

Note 1 : refer to 4.3.1 for information on limit reduction.

Note 2 : We took the insertion loss of the cable loss into consideration within the measuring instrument.

Note 3 : Result : Measured Value(ANT1, ANT2, ANT1 + ANT2) + Duty cycle Factor

Note 4 : Duty cycle Factor : $10 \cdot \log(1/(\text{on-time}/\text{Period}))$ refer to 4.3.6.7

Test mode : 802.11ac(VHT80)

Antenna	Freq. (MHz)		Result (dBm)	Result (mW)	Limit (mW)	
SISO ANT1	5 210		11.44	13.95	250.00	
	5 290		11.53	14.24	250.00	
	5 530		10.52	11.28	250.00	
	5 690		14.46	27.95	250.00	
	5 775		15.54	35.85	1 000.00	
SISO ANT2	5 210		11.52	14.20	250.00	
	5 290		11.41	13.85	237.65	
	5 530		10.72	11.82	250.00	
	5 690		15.61	36.43	250.00	
	5 775		15.53	35.76	1 000.00	
Antenna	Freq. (MHz)	ANT1 (dBm)	ANT2 (dBm)	Result (dBm)	Result (mW)	Limit (mW)
MIMO	5 210	10.11	10.21	13.37	21.75	250.00
	5 290	10.24	10.04	13.36	21.66	237.65
	5 530	9.19	9.30	12.46	17.62	250.00
	5 690	14.14	15.27	17.96	62.46	250.00
	5 775	15.13	15.21	18.38	68.94	1 000.00

Note 1 : refer to 4.3.1 for information on limit reduction.

Note 2 : We took the insertion loss of the cable loss into consideration within the measuring instrument.

Note 3 : Result : Measured Value(ANT1, ANT2, ANT1 + ANT2) + Duty cycle Factor

Note 4 : Duty cycle Factor : $10 \cdot \log(1/(\text{on-time}/\text{Period}))$ refer to 4.3.6.7

Test mode : 802.11ax(HE20)_OFDM

Antenna	Freq. (MHz)	Result (dBm)	Result (mW)	Limit (mW)
SISO ANT1	5 180	13.03	20.09	250.00
	5 200	14.12	25.82	250.00
	5 240	14.27	26.73	250.00
	5 260	14.16	26.06	250.00
	5 300	14.25	26.61	250.00
	5 320	13.30	21.38	250.00
	5 500	12.06	16.07	250.00
	5 580	13.48	22.28	250.00
	5 700	13.69	23.39	250.00
	5 720	13.79	23.93	250.00
	5 745	14.57	28.64	1 000.00
	5 785	14.73	29.72	1 000.00
	5 825	14.78	30.06	1 000.00
SISO ANT2	5 180	13.37	21.73	250.00
	5 200	14.56	28.58	250.00
	5 240	14.76	29.92	250.00
	5 260	14.33	27.10	237.65
	5 300	14.46	27.93	237.65
	5 320	13.63	23.07	237.65
	5 500	13.15	20.65	250.00
	5 580	15.22	33.27	250.00
	5 700	14.79	30.13	250.00
	5 720	15.87	38.64	250.00
	5 745	14.83	30.41	1 000.00
	5 785	14.78	30.06	1 000.00
	5 825	14.99	31.55	1 000.00

Antenna	Freq. (MHz)	ANT1 (dBm)	ANT2 (dBm)	Result (dBm)	Result (mW)	Limit (mW)
MIMO	5 180	12.87	13.25	16.07	40.50	250.00
	5 200	13.09	13.46	16.29	42.55	250.00
	5 240	13.12	13.69	16.42	43.90	250.00
	5 260	14.13	14.23	17.19	52.37	237.65
	5 300	14.24	14.32	17.29	53.59	237.65
	5 320	13.25	13.46	16.37	43.32	237.65
	5 500	12.04	13.06	15.59	36.23	250.00
	5 580	13.49	15.18	17.43	55.30	250.00
	5 700	12.61	13.79	16.25	42.17	250.00
	5 720	13.83	15.81	17.94	62.26	250.00
	5 745	14.52	14.69	17.62	57.76	1 000.00
	5 785	14.51	14.68	17.61	57.63	1 000.00
	5 825	14.63	14.80	17.73	59.24	1 000.00

Note 1 : refer to 4.3.1 for information on limit reduction.

Note 2 : We took the insertion loss of the cable loss into consideration within the measuring instrument.

Note 3 : Result : Measured Value(ANT1, ANT2, ANT1 + ANT2) + Duty cycle Factor

Note 4 : Duty cycle Factor : $10 \cdot \log(1/(\text{on-time}/\text{Period}))$ refer to 4.3.6.7

Test mode : 802.11ax(HE40)_OFDM

Antenna	Freq. (MHz)	Result (dBm)	Result (mW)	Limit (mW)		
SISO ANT1	5 190	12.41	17.40	250.00		
	5 230	12.67	18.48	250.00		
	5 270	14.26	26.65	250.00		
	5 310	12.71	18.65	250.00		
	5 510	10.68	11.69	250.00		
	5 550	13.28	21.26	250.00		
	5 670	13.56	22.68	250.00		
	5 710	13.85	24.25	250.00		
	5 755	14.61	28.88	1 000.00		
	5 795	14.73	29.69	1 000.00		
SISO ANT2	5 190	12.61	18.22	250.00		
	5 230	12.89	19.44	250.00		
	5 270	14.42	27.65	237.65		
	5 310	12.73	18.74	237.65		
	5 510	10.92	12.35	250.00		
	5 550	14.40	27.52	250.00		
	5 670	14.76	29.90	250.00		
	5 710	15.91	38.96	250.00		
	5 755	14.80	30.18	1 000.00		
	5 795	14.88	30.74	1 000.00		
Antenna	Freq. (MHz)	ANT1 (dBm)	ANT2 (dBm)	Result (dBm)	Result (mW)	Limit (mW)
MIMO	5 190	11.39	11.44	14.54	28.46	250.00
	5 230	11.59	11.73	14.79	30.11	250.00
	5 270	14.14	14.19	17.29	53.60	237.65
	5 310	11.59	11.47	14.66	29.22	237.65
	5 510	9.43	9.49	12.59	18.14	250.00
	5 550	13.30	14.16	16.88	48.73	250.00
	5 670	13.39	14.43	17.07	50.91	250.00
	5 710	13.63	15.62	17.86	61.16	250.00
	5 755	14.49	14.54	17.64	58.10	1 000.00
	5 795	14.56	14.61	17.71	59.05	1 000.00

Note 1 : refer to 4.3.1 for information on limit reduction.

Note 2 : We took the insertion loss of the cable loss into consideration within the measuring instrument.

Note 3 : Result : Measured Value(ANT1, ANT2, ANT1 + ANT2) + Duty cycle Factor

Note 4 : Duty cycle Factor : $10 \cdot \log(1/(\text{on-time}/\text{Period}))$ refer to 4.3.6.7

Test mode : 802.11ax(HE80)_OFDM

Antenna	Freq. (MHz)		Result (dBm)	Result (mW)	Limit (mW)	
SISO ANT1	5 210		11.54	14.27	250.00	
	5 290		11.66	14.67	250.00	
	5 530		10.78	11.98	250.00	
	5 690		13.64	23.14	250.00	
	5 775		14.61	28.94	1 000.00	
SISO ANT2	5 210		11.74	14.94	250.00	
	5 290		11.66	14.67	237.65	
	5 530		11.10	12.90	250.00	
	5 690		14.71	29.61	250.00	
	5 775		14.83	30.44	1 000.00	
Antenna	Freq. (MHz)	ANT1 (dBm)	ANT2 (dBm)	Result (dBm)	Result (mW)	Limit (mW)
MIMO	5 210	10.35	10.48	13.63	23.07	250.00
	5 290	10.46	10.31	13.60	22.91	237.65
	5 530	9.41	9.61	12.73	18.73	250.00
	5 690	13.41	14.34	17.11	51.46	250.00
	5 775	14.37	14.45	17.62	57.87	1 000.00

Note 1 : refer to 4.3.1 for information on limit reduction.

Note 2 : We took the insertion loss of the cable loss into consideration within the measuring instrument.

Note 3 : Result : Measured Value(ANT1, ANT2, ANT1 + ANT2) + Duty cycle Factor

Note 4 : Duty cycle Factor : $10 \cdot \log(1/(\text{on-time}/\text{Period}))$ refer to 4.3.6.7

Test mode : 802.11ax(HE20)_OFDMA

Antenna	Freq. (MHz)	Result (dBm)	Result (mW)	Limit (mW)
SISO ANT1	5 180	8.40	6.91	250.00
	5 200	8.57	7.19	250.00
	5 240	8.70	7.41	250.00
	5 260	8.70	7.41	250.00
	5 300	8.77	7.53	250.00
	5 320	8.75	7.50	250.00
	5 500	7.27	5.33	250.00
	5 580	7.85	6.09	250.00
	5 700	8.57	7.19	250.00
	5 720	9.21	8.33	250.00
	5 745	9.24	8.39	1 000.00
	5 785	9.50	8.91	1 000.00
	5 825	9.67	9.26	1 000.00
SISO ANT2	5 180	8.28	6.73	250.00
	5 200	8.46	7.01	250.00
	5 240	8.74	7.48	250.00
	5 260	8.41	6.93	237.65
	5 300	8.61	7.26	237.65
	5 320	8.59	7.22	237.65
	5 500	7.06	5.08	250.00
	5 580	7.88	6.13	250.00
	5 700	9.00	7.94	250.00
	5 720	9.56	9.03	250.00
	5 745	9.67	9.26	1 000.00
	5 785	9.93	9.84	1 000.00
	5 825	10.26	10.61	1 000.00

Antenna	Freq. (MHz)	ANT1 (dBm)	ANT2 (dBm)	Result (dBm)	Result (mW)	Limit (mW)
MIMO	5 180	8.43	7.80	11.50	14.14	250.00
	5 200	8.55	7.99	11.66	14.65	250.00
	5 240	8.68	8.23	11.84	15.27	250.00
	5 260	8.60	7.95	11.67	14.67	237.65
	5 300	8.71	8.04	11.77	15.02	237.65
	5 320	8.70	8.17	11.82	15.21	237.65
	5 500	7.56	6.73	10.54	11.33	250.00
	5 580	8.00	7.50	11.14	12.99	250.00
	5 700	8.20	8.50	11.73	14.90	250.00
	5 720	8.97	9.18	12.45	17.60	250.00
	5 745	8.98	9.29	12.52	17.85	1 000.00
	5 785	9.26	9.48	12.75	18.83	1 000.00
	5 825	9.43	9.76	12.98	19.84	1 000.00

Note 1 : refer to 4.3.1 for information on limit reduction.

Note 2 : We took the insertion loss of the cable loss into consideration within the measuring instrument.

Note 3 : Result : Measured Value(ANT1, ANT2, ANT1 + ANT2) + Duty cycle Factor

Note 4 : Duty cycle Factor : $10 \cdot \log(1/(\text{on-time}/\text{Period}))$ refer to 4.3.6.7

Test mode : 802.11ax(HE40)_OFDMA

Antenna	Freq. (MHz)		Result (dBm)	Result (mW)		Limit (mW)
SISO ANT1	5 190		7.55	5.69		250.00
	5 230		7.75	5.96		250.00
	5 270		8.88	7.73		250.00
	5 310		8.85	7.67		250.00
	5 510		5.39	3.46		250.00
	5 550		7.79	6.01		250.00
	5 670		8.48	7.05		250.00
	5 710		9.30	8.51		250.00
	5 755		9.46	8.83		1 000.00
	5 795		9.71	9.35		1 000.00
SISO ANT2	5 190		7.63	5.79		250.00
	5 230		7.99	6.29		250.00
	5 270		8.53	7.13		237.65
	5 310		8.78	7.55		237.65
	5 510		5.49	3.54		250.00
	5 550		7.66	5.83		250.00
	5 670		8.81	7.60		250.00
	5 710		9.65	9.22		250.00
	5 755		9.86	9.68		1 000.00
	5 795		10.11	10.26		1 000.00
Antenna	Freq. (MHz)	ANT1 (dBm)	ANT2 (dBm)	Result (dBm)	Result (mW)	Limit (mW)
MIMO	5 190	7.54	7.12	10.72	11.82	250.00
	5 230	7.72	7.52	11.01	12.62	250.00
	5 270	8.75	8.12	11.84	15.26	237.65
	5 310	8.78	8.23	11.90	15.50	237.65
	5 510	5.61	5.09	8.75	7.49	250.00
	5 550	7.93	7.22	10.98	12.53	250.00
	5 670	8.40	8.32	11.75	14.96	250.00
	5 710	8.41	8.74	11.97	15.73	250.00
	5 755	9.19	9.41	12.69	18.58	1 000.00
	5 795	9.41	9.62	12.91	19.53	1 000.00

Note 1 : refer to 4.3.1 for information on limit reduction.

Note 2 : We took the insertion loss of the cable loss into consideration within the measuring instrument.

Note 3 : Result : Measured Value(ANT1, ANT2, ANT1 + ANT2) + Duty cycle Factor

Note 4 : Duty cycle Factor : $10 \cdot \log(1/(\text{on-time}/\text{Period}))$ refer to 4.3.6.7

Test mode : 802.11ax(HE80)_OFDMA

Antenna	Freq. (MHz)		Result (dBm)		Result (mW)		Limit (mW)				
SISO ANT1	5 210		7.86		6.11		250.00				
	5 290		8.79		7.57		250.00				
	5 530		5.77		3.78		250.00				
	5 690		8.85		7.68		250.00				
	5 775		9.71		9.36		1 000.00				
SISO ANT2	5 210		8.03		6.36		250.00				
	5 290		8.67		7.37		237.65				
	5 530		6.07		4.05		250.00				
	5 690		9.20		8.32		250.00				
	5 775		9.77		9.49		1 000.00				
Antenna	Freq. (MHz)	ANT1 (dBm)		ANT2 (dBm)		Result (dBm)		Result (mW)		Limit (mW)	
MIMO	5 210	7.70		7.57		11.01		12.61		250.00	
	5 290	8.74		8.13		11.82		15.20		237.65	
	5 530	5.97		5.67		9.19		8.31		250.00	
	5 690	8.45		8.74		11.97		15.74		250.00	
	5 775	9.56		9.59		12.95		19.71		1 000.00	

Note 1 : refer to 4.3.1 for information on limit reduction.

Note 2 : We took the insertion loss of the cable loss into consideration within the measuring instrument.

Note 3 : Result : Measured Value(ANT1, ANT2, ANT1 + ANT2) + Duty cycle Factor

Note 4 : Duty cycle Factor : $10 \cdot \log(1/(\text{on-time}/\text{Period}))$ refer to 4.3.6.7

4.3.2.5 Measurement data_e.i.r.p._IC

Test mode : 802.11a

Antenna	Freq. (MHz)	Output Power (dBm)	Result eirp (dBm)	Result eirp (mW)	Limit (mW)
SISO ANT1	5 180	7.15	11.34	13.61	24.94
	5 200	7.31	11.50	14.13	24.83
	5 240	7.52	11.71	14.83	24.86
	5 260	6.75	12.54	17.95	24.75
	5 300	6.89	12.68	18.54	24.83
	5 320	6.91	12.70	18.62	24.86
	5 500	12.81	16.59	45.60	828.66
	5 580	16.15	19.93	98.40	829.06
	5 700	13.41	17.19	52.36	831.07
	5 720	16.58	20.36	108.64	829.67
	5 745	17.31	21.61	144.88	4 000.00
	5 785	17.41	21.71	148.25	4 000.00
	5 825	17.38	21.68	147.23	4 000.00
	5 825	17.38	21.68	147.23	4 000.00
SISO ANT2	5 180	7.45	10.89	12.27	24.99
	5 200	7.66	11.10	12.88	24.92
	5 240	8.00	11.44	13.93	24.96
	5 260	6.42	12.64	18.37	25.00
	5 300	6.59	12.81	19.10	24.91
	5 320	6.64	12.86	19.32	24.80
	5 500	13.54	16.44	44.06	825.25
	5 580	19.09	21.99	158.12	831.87
	5 700	14.52	17.42	55.21	832.47
	5 720	18.22	21.12	129.42	827.46
	5 745	17.64	21.73	148.94	4 000.00
	5 785	17.46	21.55	142.89	4 000.00
	5 825	17.55	21.64	145.88	4 000.00
	5 825	17.55	21.64	145.88	4 000.00

Note 1 : refer to 4.3.1 for information on limit reduction and Antenna gain

Note 2 : Result eirp(dBm) : Output Power(dBm) + Antenna gain(dBi)

Test mode : 802.11n(HT20)

Antenna	Freq. (MHz)	Output Power (dBm)	Result eirp (dBm)	Result eirp (mW)	Limit (mW)
SISO ANT1	5 180	7.11	11.30	13.49	26.36
	5 200	7.26	11.45	13.96	26.43
	5 240	7.47	11.66	14.66	26.36
	5 260	6.76	12.55	17.99	26.34
	5 300	6.87	12.66	18.45	26.42
	5 320	6.90	12.69	18.58	26.39
	5 500	12.78	16.56	45.29	881.19
	5 580	15.19	18.97	78.89	882.99
	5 700	13.38	17.16	52.00	882.39
	5 720	15.55	19.33	85.70	880.99
	5 745	16.35	20.65	116.14	4 000.00
	5 785	16.34	20.64	115.88	4 000.00
	5 825	16.45	20.75	118.85	4 000.00
	5 180	7.44	10.88	12.25	26.39
SISO ANT2	5 200	7.65	11.09	12.85	26.45
	5 240	7.97	11.41	13.84	26.45
	5 260	6.42	12.64	18.37	26.34
	5 300	6.59	12.81	19.10	26.42
	5 320	6.65	12.87	19.36	26.37
	5 500	13.54	16.44	44.06	878.98
	5 580	19.04	21.94	156.31	880.99
	5 700	14.52	17.42	55.21	881.99
	5 720	17.09	19.99	99.77	880.79
	5 745	16.59	20.68	116.95	4 000.00
	5 785	16.49	20.58	114.29	4 000.00
	5 825	16.67	20.76	119.12	4 000.00
	5 180	7.92	12.11	16.26	26.43
	5 200	8.09	12.28	16.90	26.43
MIMO	5 240	8.38	12.57	18.05	26.40
	5 260	7.22	13.44	22.07	26.48
	5 300	7.32	13.54	22.60	26.43
	5 320	7.35	13.57	22.76	26.41
	5 500	15.68	19.46	88.23	883.99
	5 580	19.93	23.71	234.83	881.79
	5 700	16.34	20.12	102.91	883.19
	5 720	19.65	23.43	220.39	882.59
	5 745	19.74	24.04	253.65	4 000.00
	5 785	19.69	23.99	250.49	4 000.00
	5 825	19.81	24.11	257.78	4 000.00

Note 1 : refer to 4.3.1 for information on limit reduction and Antenna gain

Note 2 : Result eirp(dBm) : Output Power(dBm) + Antenna gain(dBi)

Test mode : 802.11n(HT40)

Antenna	Freq. (MHz)	Output Power (dBm)	Result eirp (dBm)	Result eirp (mW)	Limit (mW)
SISO ANT1	5 190	7.22	11.41	13.84	30.00
	5 230	7.47	11.66	14.66	30.00
	5 270	6.81	12.60	18.20	30.00
	5 310	6.88	12.67	18.50	30.00
	5 510	10.36	14.14	25.95	1 000.00
	5 550	14.09	17.87	61.24	1 000.00
	5 670	13.31	17.09	51.18	1 000.00
	5 710	14.54	18.32	67.93	1 000.00
	5 755	15.41	19.71	93.55	4 000.00
	5 795	15.42	19.72	93.77	4 000.00
SISO ANT2	5 190	7.53	10.97	12.50	30.00
	5 230	7.88	11.32	13.55	30.00
	5 270	6.47	12.69	18.58	30.00
	5 310	6.60	12.82	19.15	30.00
	5 510	10.53	13.43	22.03	1 000.00
	5 550	15.27	18.17	65.62	1 000.00
	5 670	13.92	16.82	48.09	1 000.00
	5 710	15.80	18.70	74.14	1 000.00
	5 755	15.32	19.41	87.31	4 000.00
	5 795	15.25	19.34	85.91	4 000.00
MIMO	5 190	7.75	11.94	15.63	30.00
	5 230	8.06	12.25	16.80	30.00
	5 270	6.98	13.20	20.89	30.00
	5 310	7.08	13.30	21.37	30.00
	5 510	12.42	16.20	41.69	1 000.00
	5 550	17.82	21.60	144.50	1 000.00
	5 670	16.87	20.65	116.12	1 000.00
	5 710	18.29	22.07	161.23	1 000.00
	5 755	18.46	22.76	188.81	4 000.00
	5 795	18.50	22.80	190.63	4 000.00

Note 1 : refer to 4.3.1 for information on limit reduction and Antenna gain

Note 2 : Result eirp(dBm) : Output Power(dBm) + Antenna gain(dBi)

Test mode : 802.11ac(VHT20)

Antenna	Freq. (MHz)	Output Power (dBm)	Result eirp (dBm)	Result eirp (mW)	Limit (mW)
SISO ANT1	5 180	7.13	11.32	13.55	26.38
	5 200	7.27	11.46	14.00	26.38
	5 240	7.51	11.70	14.79	26.46
	5 260	6.75	12.54	17.95	26.34
	5 300	6.87	12.66	18.45	26.44
	5 320	6.90	12.69	18.58	26.35
	5 500	12.81	16.59	45.60	881.79
	5 580	15.21	18.99	79.25	882.79
	5 700	13.42	17.20	52.48	880.99
	5 720	15.49	19.27	84.53	881.59
	5 745	16.41	20.71	117.76	4 000.00
	5 785	16.56	20.86	121.90	4 000.00
	5 825	16.51	20.81	120.50	4 000.00
SISO ANT2	5 180	7.46	10.90	12.30	26.39
	5 200	7.67	11.11	12.91	26.40
	5 240	7.99	11.43	13.90	26.43
	5 260	6.16	12.38	17.30	26.36
	5 300	6.60	12.82	19.14	26.36
	5 320	6.63	12.85	19.28	26.33
	5 500	13.58	16.48	44.46	881.79
	5 580	17.73	20.63	115.61	881.39
	5 700	14.48	17.38	54.70	880.59
	5 720	17.04	19.94	98.63	880.39
	5 745	16.64	20.73	118.30	4 000.00
	5 785	16.49	20.58	114.29	4 000.00
	5 825	16.68	20.77	119.40	4 000.00
MIMO	5 180	7.83	12.02	15.93	26.42
	5 200	8.02	12.21	16.62	26.40
	5 240	8.29	12.48	17.69	26.43
	5 260	7.16	13.38	21.75	26.37
	5 300	7.25	13.47	22.24	26.38
	5 320	7.24	13.46	22.19	26.48
	5 500	15.64	19.42	87.53	882.39
	5 580	19.91	23.69	233.65	882.39
	5 700	16.24	20.02	100.39	882.59
	5 720	19.61	23.39	218.12	882.19
	5 745	19.61	23.91	245.82	4 000.00
	5 785	19.65	23.95	248.18	4 000.00
	5 825	19.72	24.02	252.08	4 000.00

Note 1 : refer to 4.3.1 for information on limit reduction and Antenna gain

Note 2 : Result eirp(dBm) : Output Power(dBm) + Antenna gain(dBi)

Test mode : 802.11ac(VHT40)

Antenna	Freq. (MHz)	Output Power (dBm)	Result eirp (dBm)	Result eirp (mW)	Limit (mW)
SISO ANT1	5 190	7.22	11.41	13.82	30.00
	5 230	7.48	11.67	14.68	30.00
	5 270	6.83	12.62	18.26	30.00
	5 310	6.90	12.69	18.56	30.00
	5 510	10.38	14.16	26.04	1 000.00
	5 550	14.12	17.90	61.60	1 000.00
	5 670	13.31	17.09	51.12	1 000.00
	5 710	14.54	18.32	67.86	1 000.00
	5 755	15.43	19.73	93.88	4 000.00
	5 795	15.56	19.86	96.74	4 000.00
SISO ANT2	5 190	7.57	11.01	12.61	30.00
	5 230	7.92	11.36	13.66	30.00
	5 270	6.48	12.70	18.60	30.00
	5 310	6.62	12.84	19.21	30.00
	5 510	10.60	13.50	22.37	1 000.00
	5 550	15.31	18.21	66.16	1 000.00
	5 670	14.38	17.28	53.41	1 000.00
	5 710	15.87	18.77	75.26	1 000.00
	5 755	15.43	19.52	89.45	4 000.00
	5 795	15.55	19.64	91.96	4 000.00
MIMO	5 190	7.74	11.93	15.60	30.00
	5 230	8.06	12.25	16.79	30.00
	5 270	7.00	13.22	20.97	30.00
	5 310	7.08	13.30	21.40	30.00
	5 510	12.41	16.19	41.61	1 000.00
	5 550	17.80	21.58	143.98	1 000.00
	5 670	16.90	20.68	116.90	1 000.00
	5 710	18.25	22.03	159.77	1 000.00
	5 755	18.45	22.75	188.47	4 000.00
	5 795	18.54	22.84	192.50	4 000.00

Note 1 : refer to 4.3.1 for information on limit reduction and Antenna gain

Note 2 : Result eirp(dBm) : Output Power(dBm) + Antenna gain(dBi)

Test mode : 802.11ac(VHT80)

Antenna	Freq. (MHz)	Output Power (dBm)	Result eirp (dBm)	Result eirp (mW)	Limit (mW)
SISO ANT1	5 210	7.37	11.56	14.34	30.00
	5 290	6.90	12.69	18.60	30.00
	5 530	10.52	14.30	26.94	1 000.00
	5 690	14.46	18.24	66.75	1 000.00
	5 775	15.54	19.84	96.48	4 000.00
SISO ANT2	5 210	7.81	11.25	13.35	30.00
	5 290	6.60	12.82	19.16	30.00
	5 530	10.72	13.62	23.04	1 000.00
	5 690	15.61	18.51	71.03	1 000.00
	5 775	15.53	19.62	91.72	4 000.00
MIMO	5 210	7.87	12.06	16.07	30.00
	5 290	7.05	13.27	21.22	30.00
	5 530	12.46	16.24	42.07	1 000.00
	5 690	17.96	21.74	149.15	1 000.00
	5 775	18.38	22.68	185.56	4 000.00

Note 1 : refer to 4.3.1 for information on limit reduction and Antenna gain

Note 2 : Result eirp(dBm) : Output Power(dBm) + Antenna gain(dBi)

Test mode : 802.11ax(HE20)_OFDM

Antenna	Freq. (MHz)	Output Power (dBm)	Result eirp (dBm)	Result eirp (mW)	Limit (mW)
SISO ANT1	5 180	7.34	11.53	14.22	28.14
	5 200	7.44	11.63	14.55	28.20
	5 240	7.72	11.91	15.52	28.16
	5 260	7.01	12.80	19.05	28.05
	5 300	7.13	12.92	19.59	28.14
	5 320	7.16	12.95	19.72	28.16
	5 500	12.06	15.84	38.37	940.93
	5 580	13.48	17.26	53.21	939.73
	5 700	13.69	17.47	55.85	939.33
	5 720	13.79	17.57	57.15	941.33
	5 745	14.57	18.87	77.09	4 000.00
	5 785	14.73	19.03	79.98	4 000.00
	5 825	14.78	19.08	80.91	4 000.00
SISO ANT2	5 180	7.67	11.11	12.91	28.18
	5 200	7.89	11.33	13.58	28.16
	5 240	8.23	11.67	14.69	28.16
	5 260	6.63	12.85	19.28	28.06
	5 300	6.81	13.03	20.09	28.14
	5 320	6.86	13.08	20.32	28.13
	5 500	13.15	16.05	40.27	940.73
	5 580	15.22	18.12	64.86	940.13
	5 700	14.79	17.69	58.75	941.33
	5 720	15.87	18.77	75.34	938.92
	5 745	14.83	18.92	77.98	4 000.00
	5 785	14.78	18.87	77.09	4 000.00
	5 825	14.99	19.08	80.91	4 000.00
MIMO	5 180	7.76	11.95	15.68	28.20
	5 200	7.96	12.15	16.42	28.08
	5 240	8.19	12.38	17.30	28.16
	5 260	7.09	13.31	21.41	28.20
	5 300	7.22	13.44	22.07	28.16
	5 320	7.25	13.47	22.23	28.26
	5 500	15.59	19.37	86.50	944.94
	5 580	17.43	21.21	132.04	943.54
	5 700	16.25	20.03	100.70	939.33
	5 720	17.94	21.72	148.67	939.73
	5 745	17.62	21.92	155.46	4 000.00
	5 785	17.61	21.91	155.10	4 000.00
	5 825	17.73	22.03	159.45	4 000.00

Note 1 : refer to 4.3.1 for information on limit reduction and Antenna gain

Note 2 : Result eirp(dBm) : Output Power(dBm) + Antenna gain(dBi)

Test mode : 802.11ax(HE40)_OFDM

Antenna	Freq. (MHz)	Output Power (dBm)	Result eirp (dBm)	Result eirp (mW)	Limit (mW)
SISO ANT1	5 190	7.60	11.79	15.09	30.00
	5 230	7.77	11.96	15.69	30.00
	5 270	7.16	12.95	19.71	30.00
	5 310	7.23	13.02	20.03	30.00
	5 510	10.68	14.46	27.90	1 000.00
	5 550	13.28	17.06	50.78	1 000.00
	5 670	13.56	17.34	54.16	1 000.00
	5 710	13.85	17.63	57.90	1 000.00
	5 755	14.61	18.91	77.74	4 000.00
	5 795	14.73	19.03	79.92	4 000.00
SISO ANT2	5 190	7.84	11.28	13.42	30.00
	5 230	8.22	11.66	14.64	30.00
	5 270	6.78	13.00	19.94	30.00
	5 310	6.91	13.13	20.54	30.00
	5 510	10.92	13.82	24.08	1 000.00
	5 550	14.40	17.30	53.66	1 000.00
	5 670	14.76	17.66	58.30	1 000.00
	5 710	15.91	18.81	75.97	1 000.00
	5 755	14.80	18.89	77.39	4 000.00
	5 795	14.88	18.97	78.83	4 000.00
MIMO	5 190	7.93	12.12	16.29	30.00
	5 230	8.27	12.46	17.63	30.00
	5 270	7.18	13.40	21.88	30.00
	5 310	7.25	13.47	22.24	30.00
	5 510	12.59	16.37	43.32	1 000.00
	5 550	16.88	20.66	116.36	1 000.00
	5 670	17.07	20.85	121.56	1 000.00
	5 710	17.86	21.64	146.05	1 000.00
	5 755	17.64	21.94	156.39	4 000.00
	5 795	17.71	22.01	158.93	4 000.00

Note 1 : refer to 4.3.1 for information on limit reduction and Antenna gain

Note 2 : Result eirp(dBm) : Output Power(dBm) + Antenna gain(dBi)

Test mode : 802.11ax(HE80)_OFDM

Antenna	Freq. (MHz)	Output Power (dBm)	Result eirp (dBm)	Result eirp (mW)	Limit (mW)
SISO ANT1	5 210	7.66	11.85	15.33	30.00
	5 290	7.20	12.99	19.93	30.00
	5 530	10.78	14.56	28.60	1 000.00
	5 690	13.64	17.42	55.26	1 000.00
	5 775	14.61	18.91	77.88	4 000.00
SISO ANT2	5 210	8.06	11.50	14.14	30.00
	5 290	6.86	13.08	20.34	30.00
	5 530	11.10	14.00	25.14	1 000.00
	5 690	14.71	17.61	57.74	1 000.00
	5 775	14.83	18.92	78.06	4 000.00
MIMO	5 210	8.08	12.27	16.87	30.00
	5 290	7.28	13.50	22.38	30.00
	5 530	12.73	16.51	44.73	1 000.00
	5 690	17.11	20.89	122.87	1 000.00
	5 775	17.62	21.92	155.77	4 000.00

Note 1 : refer to 4.3.1 for information on limit reduction and Antenna gain

Note 2 : Result eirp(dBm) : Output Power(dBm) + Antenna gain(dBi)

Test mode : 802.11ax(HE20)_OFDMA

Antenna	Freq. (MHz)	Output Power (dBm)	Result eirp (dBm)	Result eirp (mW)	Limit (mW)
SISO ANT1	5 180	4.55	8.74	7.48	28.15
	5 200	4.71	8.90	7.76	28.16
	5 240	4.95	9.14	8.20	28.14
	5 260	3.85	9.64	9.20	28.18
	5 300	3.97	9.76	9.46	28.11
	5 320	3.98	9.77	9.48	28.19
	5 500	7.27	11.05	12.73	941.73
	5 580	7.85	11.63	14.55	940.13
	5 700	8.57	12.35	17.17	941.13
	5 720	9.21	12.99	19.90	939.93
	5 745	9.24	13.54	22.58	4 000.00
	5 785	9.50	13.80	23.98	4 000.00
	5 825	9.67	13.97	24.93	4 000.00
SISO ANT2	5 180	4.39	7.83	6.06	28.14
	5 200	4.59	8.03	6.35	28.12
	5 240	4.92	8.36	6.85	28.11
	5 260	3.40	6.84	4.83	28.06
	5 300	3.57	7.01	5.02	28.13
	5 320	3.61	7.05	5.07	28.12
	5 500	7.06	9.96	9.90	939.33
	5 580	7.88	10.78	11.96	940.53
	5 700	9.00	11.90	15.48	937.92
	5 720	9.56	12.46	17.61	940.53
	5 745	9.67	13.76	23.76	4 000.00
	5 785	9.93	14.02	25.22	4 000.00
	5 825	10.26	14.35	27.21	4 000.00
MIMO	5 180	7.66	11.85	15.30	28.12
	5 200	7.85	12.04	16.00	28.11
	5 240	8.08	12.27	16.87	28.14
	5 260	6.72	12.94	19.70	28.10
	5 300	6.87	13.09	20.39	28.11
	5 320	6.96	13.18	20.78	28.03
	5 500	10.54	14.32	27.06	941.93
	5 580	11.14	14.92	31.01	939.33
	5 700	11.73	15.51	35.57	939.53
	5 720	12.45	16.48	44.51	941.93
	5 745	12.52	16.82	48.04	4 000.00
	5 785	12.75	17.05	50.69	4 000.00
	5 825	12.98	17.28	53.41	4 000.00

Note 1 : refer to 4.3.1 for information on limit reduction and Antenna gain

Note 2 : Result eirp(dBm) : Output Power(dBm) + Antenna gain(dBi)

Test mode : 802.11ax(HE40)_OFDMA

Antenna	Freq. (MHz)	Output Power (dBm)	Result eirp (dBm)	Result eirp (mW)	Limit (mW)
SISO ANT1	5 190	4.76	8.95	7.85	30.00
	5 230	5.03	9.22	8.36	30.00
	5 270	4.04	9.83	9.61	30.00
	5 310	4.12	9.91	9.79	30.00
	5 510	5.39	9.17	8.26	1 000.00
	5 550	7.79	11.57	14.35	1 000.00
	5 670	8.48	12.26	16.82	1 000.00
	5 710	9.30	13.08	20.32	1 000.00
	5 755	9.46	13.76	23.77	4 000.00
	5 795	9.71	14.01	25.17	4 000.00
SISO ANT2	5 190	4.61	8.05	6.38	30.00
	5 230	4.98	8.42	6.95	30.00
	5 270	3.58	7.02	5.03	30.00
	5 310	3.73	7.17	5.21	30.00
	5 510	5.49	8.39	6.90	1 000.00
	5 550	7.66	10.56	11.37	1 000.00
	5 670	8.81	11.71	14.82	1 000.00
	5 710	9.65	12.55	17.99	1 000.00
	5 755	9.86	13.95	24.83	4 000.00
	5 795	10.11	14.20	26.30	4 000.00
MIMO	5 190	7.90	12.09	16.20	30.00
	5 230	8.11	12.30	16.97	30.00
	5 270	6.92	13.14	20.61	30.00
	5 310	7.06	13.28	21.30	30.00
	5 510	8.75	12.53	17.90	1 000.00
	5 550	10.98	14.76	29.92	1 000.00
	5 670	11.75	15.53	35.73	1 000.00
	5 710	11.97	16.00	39.79	1 000.00
	5 755	12.69	16.99	50.02	4 000.00
	5 795	12.91	17.21	52.55	4 000.00

Note 1 : refer to 4.3.1 for information on limit reduction and Antenna gain

Note 2 : Result eirp(dBm) : Output Power(dBm) + Antenna gain(dBi)

Test mode : 802.11ax(HE80)_OFDMA

Antenna	Freq. (MHz)	Output Power (dBm)	Result eirp (dBm)	Result eirp (mW)	Limit (mW)
SISO ANT1	5 210	5.04	9.23	8.38	30.00
	5 290	4.06	9.85	9.66	30.00
	5 530	5.77	9.55	9.02	1 000.00
	5 690	8.85	12.63	18.33	1 000.00
	5 775	9.71	14.01	25.19	4 000.00
SISO ANT2	5 210	5.09	8.53	7.13	30.00
	5 290	3.71	7.15	5.19	30.00
	5 530	6.07	8.97	7.89	1 000.00
	5 690	9.20	12.10	16.23	1 000.00
	5 775	9.77	13.86	24.33	4 000.00
MIMO	5 210	8.15	12.34	17.12	30.00
	5 290	6.97	13.19	20.87	30.00
	5 530	9.19	12.97	19.84	1 000.00
	5 690	11.97	15.75	37.58	1 000.00
	5 775	12.95	17.25	53.05	4 000.00

Note 1 : refer to 4.3.1 for information on limit reduction and Antenna gain

Note 2 : Result eirp(dBm) : Output Power(dBm) + Antenna gain(dBi)

4.3.3 Maximum Power Spectral Density(PSD)

4.3.3.1 Regulation

According to §15.407(a)(1)(iv) For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

According to §15.407(a)(2) For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

According to §RSS-247 6.2.3.1 Frequency Band 5470-5725 MHz The maximum conducted output power shall not exceed 250 mW or $11 + 10 \log_{10} B$, dBm, whichever is less. The power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

The maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log_{10} B$, dBm, whichever is less. B is the 99% emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

According to §15.407(a)(3) and RSS-247 6.2.4.1 For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple colocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

4.3.3.2 Measurement Procedure

These test measurement settings are specified in section F of 789033 D02 General UNII Test Procedures.

4.3.3.2.1 Maximum Power Spectral Density (PSD)

The rules requires “maximum power spectral density” measurements where the intent is to measure the maximum value of the time average of the power spectral density measured during a period of continuous transmission.

1. Create an average power spectrum for the EUT operating mode being tested by following the instructions in section II.E.2. for measuring maximum conducted output power using a spectrum analyzer or EMI receiver: select the appropriate test method (SA-1, SA-2, SA-3, or alternatives to each) and apply it up to, but not including, the step labeled, “Compute power....” (This procedure is required even if the maximum conducted output power measurement was performed using a power meter, method PM.)

2. Use the peak search function on the instrument to find the peak of the spectrum and record its value.

3. Make the following adjustments to the peak value of the spectrum, if applicable:

- a) If Method SA-2 or SA-2 Alternative was used, add $10 \log (1/x)$, where x is the duty cycle, to the peak of the spectrum.
- b) If Method SA-3 Alternative was used and the linear mode was used in step II.E.2.g)(viii), add 1 dB to the final result to compensate for the difference between linear averaging and power averaging.

4. The result is the Maximum PSD over 1 MHz reference bandwidth.

5. For devices operating in the bands 5.15-5.25 GHz, 5.25-5.35 GHz, and 5.47-5.725 GHz, the above procedures make use of 1 MHz RBW to satisfy directly the 1 MHz reference bandwidth specified in § 15.407(a)(5). For devices operating in the band 5.725-5.85 GHz, the rules specify a measurement bandwidth of 500 kHz. Many spectrum analyzers do not have 500 kHz RBW, thus a narrower RBW may need to be used. The rules permit the use of a RBWs less than 1 MHz, or 500 kHz, “provided that the measured power is integrated over the full reference bandwidth” to show the total power over the specified measurement bandwidth (i.e., 1 MHz, or 500 kHz). If measurements are performed using a reduced resolution bandwidth (< 1 MHz, or < 500 kHz) and integrated over 1 MHz, or 500 kHz bandwidth, the following adjustments to the procedures apply:

- a) Set $RBW \geq 1/T$, where T is defined in section II.B.I.a).
- b) Set $VBW \geq 3$ RBW.
- c) If measurement bandwidth of Maximum PSD is specified in 500 kHz, add $10 \log (500 \text{ kHz}/RBW)$ to the measured result, whereas $RBW (< 500 \text{ kHz})$ is the reduced resolution bandwidth of the spectrum analyzer set during measurement.
- d) If measurement bandwidth of Maximum PSD is specified in 1 MHz, add $10 \log (1\text{MHz}/RBW)$ to the measured result, whereas $RBW (< 1 \text{ MHz})$ is the reduced resolution bandwidth of spectrum analyzer set during measurement.
- e) Care must be taken to ensure that the measurements are performed during a period of continuous transmission or are corrected upward for duty cycle.

Note: As a practical matter, it is recommended to use reduced RBW of 100 kHz for the sections 5.c) and 5.d) above, since $RBW=100 \text{ kHz}$ is available on nearly all spectrum analyzers.

4.3.3.3 Result

Comply (measurement data : refer to the next page)

4.3.3.4 Measurement data

Test mode : 802.11a

Antenna	Freq. (MHz)	Measured (dBm)	Result (dBm)	Limit (dBm)
SISO ANT1	5 180	3.08	3.08	11.00
	5 200	4.32	4.32	11.00
	5 240	4.39	4.39	11.00
	5 260	5.79	5.79	11.00
	5 300	5.89	5.89	11.00
	5 320	3.55	3.55	11.00
	5 500	1.24	1.24	11.00
	5 580	4.66	4.66	11.00
	5 700	1.95	1.95	11.00
	5 720	5.88	5.88	11.00
	5 745	2.46	2.46	30.00
	5 785	2.70	2.70	30.00
	5 825	2.77	2.77	30.00
SISO ANT2	5 180	3.63	3.63	11.00
	5 200	4.79	4.79	11.00
	5 240	5.16	5.16	11.00
	5 260	5.64	5.64	10.78
	5 300	5.59	5.59	10.78
	5 320	3.53	3.53	10.78
	5 500	1.17	1.17	11.00
	5 580	4.96	4.96	11.00
	5 700	2.11	2.11	11.00
	5 720	5.47	5.47	11.00
	5 745	2.97	2.97	30.00
	5 785	3.07	3.07	30.00
	5 825	3.32	3.32	30.00

NOTE1 : refer to 4.3.1 for information on limit reduction.
NOTE2 : We took the insertion loss of the cable loss into consideration within the measuring instrument.
NOTE3 : Duty cycle Factor : $10 \cdot \log(1/(\text{on-time}/\text{Period}))$ refer to 4.3.6.7
NOTE4 : Result : Measured Value(ANT1, ANT2, ANT1 + ANT2) + Duty cycle Factor
NOTE5 : 5150MHz ~ 5725MHz : dBm/MHz
5725MHz ~ 5850MHz : dBm/500kHz

Test mode : 802.11n(HT20)

Antenna	Freq. (MHz)	Measured (dBm)	Result (dBm)	Limit (dBm)
SISO ANT1	5 180	0.94	0.94	11.00
	5 200	3.89	3.89	11.00
	5 240	4.04	4.04	11.00
	5 260	4.37	4.37	11.00
	5 300	4.43	4.43	11.00
	5 320	1.30	1.30	11.00
	5 500	1.09	1.09	11.00
	5 580	3.44	3.44	11.00
	5 700	1.78	1.78	11.00
	5 720	4.44	4.44	11.00
	5 745	1.83	1.83	30.00
	5 785	1.81	1.81	30.00
	5 825	2.07	2.07	30.00
SISO ANT2	5 180	1.84	1.84	11.00
	5 200	4.78	4.78	11.00
	5 240	5.06	5.06	11.00
	5 260	4.31	4.31	10.78
	5 300	4.38	4.38	10.78
	5 320	1.68	1.68	10.78
	5 500	0.68	0.68	11.00
	5 580	3.41	3.41	11.00
	5 700	1.87	1.87	11.00
	5 720	4.21	4.21	11.00
	5 745	1.53	1.53	30.00
	5 785	1.84	1.84	30.00
	5 825	2.05	2.05	30.00

Antenna	Freq. (MHz)	ANT1 (dBm)	ANT2 (dBm)	Result (dBm)	Limit (dBm)
MIMO	5 180	1.18	1.42	4.42	10.17
	5 200	2.37	2.70	5.66	10.17
	5 240	2.88	2.61	5.87	10.17
	5 260	2.77	4.61	6.91	7.98
	5 300	3.46	3.13	6.42	7.98
	5 320	1.52	1.58	4.67	7.98
	5 500	0.32	0.75	3.66	10.64
	5 580	4.05	5.85	8.16	10.64
	5 700	1.01	2.16	4.74	10.64
	5 720	4.46	4.00	7.25	10.64
	5 745	2.29	1.27	4.93	28.79
	5 785	2.64	1.45	5.21	28.79
	5 825	2.29	1.42	5.00	28.79

NOTE1 : refer to 4.3.1 for information on limit reduction.
 NOTE2 : We took the insertion loss of the cable loss into consideration within the measuring instrument.
 NOTE3 : Duty cycle Factor : $10 \cdot \log(1/(\text{on-time}/\text{Period}))$ refer to 4.3.6.7
 NOTE4 : Result : Measured Value(ANT1, ANT2, ANT1 + ANT2) + Duty cycle Factor
 NOTE5 : 5150MHz ~ 5725MHz : dBm/MHz
 5725MHz ~ 5850MHz : dBm/500kHz

Test mode : 802.11n(HT40)

Antenna	Freq. (MHz)	Measured (dBm)	Result (dBm)	Limit (dBm)	
SISO ANT1	5 190	-2.99	-2.90	11.00	
	5 230	-2.85	-2.76	11.00	
	5 270	0.45	0.54	11.00	
	5 310	-2.61	-2.52	11.00	
	5 510	-4.32	-4.23	11.00	
	5 550	-0.46	-0.36	11.00	
	5 670	-1.60	-1.51	11.00	
	5 710	0.23	0.32	11.00	
	5 755	-2.04	-1.95	30.00	
	5 795	-1.99	-1.90	30.00	
SISO ANT2	5 190	-1.98	-1.89	11.00	
	5 230	-1.64	-1.55	11.00	
	5 270	0.38	0.47	10.78	
	5 310	-2.56	-2.47	10.78	
	5 510	-5.12	-5.03	11.00	
	5 550	-0.73	-0.64	11.00	
	5 670	-1.54	-1.45	11.00	
	5 710	0.04	0.13	11.00	
	5 755	-2.12	-2.03	30.00	
	5 795	-2.23	-2.14	30.00	
Antenna	Freq. (MHz)	ANT1 (dBm)	ANT2 (dBm)	Result (dBm)	Limit (dBm)
MIMO	5 190	-3.20	-3.18	0.02	10.17
	5 230	-2.85	-3.03	0.28	10.17
	5 270	0.67	0.45	3.77	7.98
	5 310	-3.01	-3.56	-0.07	7.98
	5 510	-5.21	-5.72	-2.24	10.64
	5 550	-0.31	-0.28	2.92	10.64
	5 670	-1.18	-0.62	2.32	10.64
	5 710	0.28	-0.29	3.10	10.64
	5 755	-1.73	-2.89	0.94	28.79
	5 795	-1.83	-2.64	1.00	28.79

NOTE1 : refer to 4.3.1 for information on limit reduction.
NOTE2 : We took the insertion loss of the cable loss into consideration within the measuring instrument.
NOTE3 : Duty cycle Factor : $10 \cdot \log(1/(\text{on-time}/\text{Period}))$ refer to 4.3.6.7
NOTE4 : Result : Measured Value(ANT1, ANT2, ANT1 + ANT2) + Duty cycle Factor
NOTE5 : 5150MHz ~ 5725MHz : dBm/MHz
5725MHz ~ 5850MHz : dBm/500kHz

Test mode : 802.11ac(VHT20)

Antenna	Freq. (MHz)	Measured (dBm)	Result (dBm)	Limit (dBm)
SISO ANT1	5 180	1.10	1.10	11.00
	5 200	4.04	4.04	11.00
	5 240	4.08	4.08	11.00
	5 260	4.31	4.31	11.00
	5 300	4.46	4.46	11.00
	5 320	1.41	1.41	11.00
	5 500	1.21	1.21	11.00
	5 580	3.26	3.26	11.00
	5 700	1.71	1.71	11.00
	5 720	4.18	4.18	11.00
	5 745	2.01	2.01	30.00
	5 785	2.50	2.50	30.00
	5 825	2.21	2.21	30.00
SISO ANT2	5 180	1.74	1.74	11.00
	5 200	4.88	4.88	11.00
	5 240	5.29	5.29	11.00
	5 260	4.51	4.51	10.78
	5 300	4.33	4.33	10.78
	5 320	1.47	1.47	10.78
	5 500	0.98	0.98	11.00
	5 580	3.57	3.57	11.00
	5 700	1.80	1.80	11.00
	5 720	4.18	4.18	11.00
	5 745	1.42	1.42	30.00
	5 785	1.99	1.99	30.00
	5 825	1.70	1.70	30.00

Antenna	Freq. (MHz)	ANT1 (dBm)	ANT2 (dBm)	Result (dBm)	Limit (dBm)
MIMO	5 180	1.40	1.56	4.49	10.17
	5 200	2.69	2.78	5.74	10.17
	5 240	2.93	2.92	5.93	10.17
	5 260	3.44	2.95	6.21	7.98
	5 300	4.82	4.02	7.45	7.98
	5 320	1.63	1.81	4.73	7.98
	5 500	0.70	0.43	3.58	10.64
	5 580	4.35	5.70	8.08	10.64
	5 700	1.44	0.91	4.19	10.64
	5 720	4.74	4.11	7.44	10.64
	5 745	2.48	1.16	4.88	28.79
	5 785	2.46	1.48	5.01	28.79
	5 825	2.54	1.14	4.91	28.79

NOTE1 : refer to 4.3.1 for information on limit reduction.
NOTE2 : We took the insertion loss of the cable loss into consideration within the measuring instrument.
NOTE3 : Duty cycle Factor : $10 \cdot \log(1/(\text{on-time}/\text{Period}))$ refer to 4.3.6.7
NOTE4 : Result : Measured Value(ANT1, ANT2, ANT1 + ANT2) + Duty cycle Factor
NOTE5 : 5150MHz ~ 5725MHz : dBm/MHz
5725MHz ~ 5850MHz : dBm/500kHz

Test mode : 802.11ac(VHT40)

Antenna	Freq. (MHz)	Measured (dBm)	Result (dBm)	Limit (dBm)	
SISO ANT1	5 190	-3.09	-2.99	11.00	
	5 230	-2.75	-2.66	11.00	
	5 270	0.61	0.71	11.00	
	5 310	-2.62	-2.53	11.00	
	5 510	-4.32	-4.23	11.00	
	5 550	-0.49	-0.39	11.00	
	5 670	-1.55	-1.45	11.00	
	5 710	0.10	0.19	11.00	
	5 755	-1.96	-1.86	30.00	
	5 795	-1.72	-1.62	30.00	
SISO ANT2	5 190	-2.20	-2.11	11.00	
	5 230	-1.93	-1.83	11.00	
	5 270	0.40	0.50	10.78	
	5 310	-2.56	-2.46	10.78	
	5 510	-5.13	-5.04	11.00	
	5 550	-0.71	-0.61	11.00	
	5 670	-1.45	-1.36	11.00	
	5 710	0.10	0.20	11.00	
	5 755	-2.40	-2.30	30.00	
	5 795	-2.29	-2.20	30.00	
Antenna	Freq. (MHz)	ANT1 (dBm)	ANT2 (dBm)	Result (dBm)	Limit (dBm)
MIMO	5 190	-2.92	-3.36	-0.03	10.17
	5 230	-2.79	-3.15	0.14	10.17
	5 270	1.11	0.48	3.91	7.98
	5 310	-2.87	-3.25	0.05	7.98
	5 510	-4.97	-6.47	-2.55	10.64
	5 550	-0.50	-1.23	2.26	10.64
	5 670	-1.03	-1.74	1.74	10.64
	5 710	0.31	-0.12	3.20	10.64
	5 755	-1.91	-2.70	0.82	28.79
	5 795	-1.82	-2.65	0.89	28.79

NOTE1 : refer to 4.3.1 for information on limit reduction.
NOTE2 : We took the insertion loss of the cable loss into consideration within the measuring instrument.
NOTE3 : Duty cycle Factor : $10 \cdot \log(1/(\text{on-time}/\text{Period}))$ refer to 4.3.6.7
NOTE4 : Result : Measured Value(ANT1, ANT2, ANT1 + ANT2) + Duty cycle Factor
NOTE5 : 5150MHz ~ 5725MHz : dBm/MHz
5725MHz ~ 5850MHz : dBm/500kHz

Test mode : 802.11ac(VHT80)

Antenna	Freq. (MHz)	Measured (dBm)	Result (dBm)	Limit (dBm)	
SISO ANT1	5 210	-7.16	-6.95	11.00	
	5 290	-6.79	-6.59	11.00	
	5 530	-7.72	-7.51	11.00	
	5 690	-3.78	-3.57	11.00	
	5 775	-5.38	-5.18	30.00	
SISO ANT2	5 210	-6.44	-6.24	11.00	
	5 290	-7.17	-6.96	10.78	
	5 530	-8.31	-8.11	11.00	
	5 690	-3.74	-3.53	11.00	
	5 775	-5.75	-5.54	30.00	
Antenna	Freq. (MHz)	ANT1 (dBm)	ANT2 (dBm)	Result (dBm)	Limit (dBm)
MIMO	5 210	-7.71	-7.49	-4.38	10.17
	5 290	-7.55	-8.00	-4.55	7.98
	5 530	-8.82	-9.54	-5.95	10.64
	5 690	-3.68	-4.25	-0.74	10.64
	5 775	-5.37	-6.22	-2.56	28.79

NOTE1 : refer to 4.3.1 for information on limit reduction.
NOTE2 : We took the insertion loss of the cable loss into consideration within the measuring instrument.
NOTE3 : Duty cycle Factor : $10 \cdot \log(1/(\text{on-time}/\text{Period}))$ refer to 4.3.6.7
NOTE4 : Result : Measured Value(ANT1, ANT2, ANT1 + ANT2) + Duty cycle Factor
NOTE5 : 5150MHz ~ 5725MHz : dBm/MHz
5725MHz ~ 5850MHz : dBm/500kHz

Test mode : 802.11ax(HE20)_OFDM

Antenna	Freq. (MHz)	Measured (dBm)	Result (dBm)	Limit (dBm)
SISO ANT1	5 180	1.39	1.39	11.00
	5 200	2.38	2.38	11.00
	5 240	2.83	2.83	11.00
	5 260	2.81	2.81	11.00
	5 300	2.76	2.76	11.00
	5 320	1.68	1.68	11.00
	5 500	0.65	0.65	11.00
	5 580	1.85	1.85	11.00
	5 700	1.98	1.98	11.00
	5 720	2.53	2.53	11.00
	5 745	-0.04	-0.04	30.00
	5 785	0.20	0.20	30.00
	5 825	0.31	0.31	30.00
SISO ANT2	5 180	1.25	1.25	11.00
	5 200	2.59	2.59	11.00
	5 240	2.83	2.83	11.00
	5 260	2.22	2.22	10.78
	5 300	2.41	2.41	10.78
	5 320	1.56	1.56	10.78
	5 500	0.07	0.07	11.00
	5 580	1.34	1.34	11.00
	5 700	1.86	1.86	11.00
	5 720	2.01	2.01	11.00
	5 745	-0.48	-0.48	30.00
	5 785	-0.07	-0.07	30.00
	5 825	0.02	0.02	30.00

Antenna	Freq. (MHz)	ANT1 (dBm)	ANT2 (dBm)	Result (dBm)	Limit (dBm)
MIMO	5 180	1.20	0.77	4.00	10.17
	5 200	1.39	1.03	4.23	10.17
	5 240	1.74	1.19	4.48	10.17
	5 260	2.58	2.22	5.41	7.98
	5 300	2.70	1.97	5.36	7.98
	5 320	1.29	1.11	4.21	7.98
	5 500	0.44	-0.51	3.00	10.64
	5 580	1.42	1.04	4.25	10.64
	5 700	0.85	0.35	3.62	10.64
	5 720	2.13	1.75	4.95	10.64
	5 745	-0.23	-1.01	2.41	28.79
	5 785	0.26	-0.44	2.93	28.79
	5 825	0.16	-0.60	2.80	28.79

NOTE1 : refer to 4.3.1 for information on limit reduction.
 NOTE2 : We took the insertion loss of the cable loss into consideration within the measuring instrument.
 NOTE3 : Duty cycle Factor : $10 \cdot \log(1/(\text{on-time}/\text{Period}))$ refer to 4.3.6.7
 NOTE4 : Result : Measured Value(ANT1, ANT2, ANT1 + ANT2) + Duty cycle Factor
 NOTE5 : 5150MHz ~ 5725MHz : dBm/MHz
 5725MHz ~ 5850MHz : dBm/500kHz

Test mode : 802.11ax(HE40)_OFDM

Antenna	Freq. (MHz)	Measured (dBm)	Result (dBm)	Limit (dBm)	
SISO ANT1	5 190	-2.28	-2.16	11.00	
	5 230	-2.22	-2.11	11.00	
	5 270	0.12	0.24	11.00	
	5 310	-2.00	-1.88	11.00	
	5 510	-4.00	-3.89	11.00	
	5 550	-0.96	-0.84	11.00	
	5 670	-0.61	-0.49	11.00	
	5 710	-0.51	-0.39	11.00	
	5 755	-2.69	-2.57	30.00	
	5 795	-2.66	-2.54	30.00	
SISO ANT2	5 190	-2.57	-2.45	11.00	
	5 230	-2.04	-1.93	11.00	
	5 270	-0.16	-0.04	10.78	
	5 310	-2.16	-2.04	10.78	
	5 510	-4.69	-4.57	11.00	
	5 550	-1.67	-1.55	11.00	
	5 670	-1.45	-1.34	11.00	
	5 710	-0.99	-0.88	11.00	
	5 755	-3.24	-3.12	30.00	
	5 795	-3.11	-2.99	30.00	
Antenna	Freq. (MHz)	ANT1 (dBm)	ANT2 (dBm)	Result (dBm)	Limit (dBm)
MIMO	5 190	-3.13	-4.07	-0.45	10.17
	5 230	-2.89	-3.67	-0.14	10.17
	5 270	-0.02	-0.89	2.69	7.98
	5 310	-2.96	-4.07	-0.36	7.98
	5 510	-5.24	-6.27	-2.60	10.64
	5 550	-1.23	-1.91	1.57	10.64
	5 670	-1.09	-1.58	1.80	10.64
	5 710	-0.84	-0.92	2.25	10.64
	5 755	-2.69	-3.65	-0.02	28.79
	5 795	-2.77	-3.57	-0.03	28.79

NOTE1 : refer to 4.3.1 for information on limit reduction.

NOTE2 : We took the insertion loss of the cable loss into consideration within the measuring instrument.

NOTE3 : Duty cycle Factor : $10 \cdot \log(1/(\text{on-time}/\text{Period}))$ refer to 4.3.6.7

NOTE4 : Result : Measured Value(ANT1, ANT2, ANT1 + ANT2) + Duty cycle Factor

NOTE5 : 5150MHz ~ 5725MHz : dBm/MHz

5725MHz ~ 5850MHz : dBm/500kHz

Test mode : 802.11ax(HE80)_OFDM

Antenna	Freq. (MHz)	Measured (dBm)	Result (dBm)	Limit (dBm)	
SISO ANT1	5 210	-5.98	-5.77	11.00	
	5 290	-5.50	-5.29	11.00	
	5 530	-6.73	-6.52	11.00	
	5 690	-3.69	-3.48	11.00	
	5 775	-5.30	-5.10	30.00	
SISO ANT2	5 210	-6.02	-5.81	11.00	
	5 290	-6.41	-6.20	10.78	
	5 530	-7.61	-7.41	11.00	
	5 690	-3.83	-3.63	11.00	
	5 775	-6.12	-5.92	30.00	
Antenna	Freq. (MHz)	ANT1 (dBm)	ANT2 (dBm)	Result (dBm)	Limit (dBm)
MIMO	5 210	-6.90	-7.44	-3.95	10.17
	5 290	-6.76	-7.88	-4.07	7.98
	5 530	-7.98	-8.99	-5.24	10.64
	5 690	-3.84	-4.39	-0.89	10.64
	5 775	-5.75	-6.35	-2.82	28.79

NOTE1 : refer to 4.3.1 for information on limit reduction.
NOTE2 : We took the insertion loss of the cable loss into consideration within the measuring instrument.
NOTE3 : Duty cycle Factor : $10 \cdot \log(1/(\text{on-time}/\text{Period}))$ refer to 4.3.6.7
NOTE4 : Result : Measured Value(ANT1, ANT2, ANT1 + ANT2) + Duty cycle Factor
NOTE5 : 5150MHz ~ 5725MHz : dBm/MHz
5725MHz ~ 5850MHz : dBm/500kHz

Test mode : 802.11ax(HE20)_OFDMA

Antenna	Freq. (MHz)	Measured (dBm)	Result (dBm)	Limit (dBm)
SISO ANT1	5 180	2.43	2.80	11.00
	5 200	2.39	2.75	11.00
	5 240	2.15	2.52	11.00
	5 260	1.07	1.43	11.00
	5 300	0.95	1.32	11.00
	5 320	0.98	1.35	11.00
	5 500	0.96	1.33	11.00
	5 580	2.48	2.85	11.00
	5 700	2.58	2.95	11.00
	5 720	3.64	4.01	11.00
	5 745	1.38	1.75	30.00
	5 785	1.78	2.15	30.00
	5 825	1.86	2.23	30.00
SISO ANT2	5 180	4.72	5.08	11.00
	5 200	4.81	5.18	11.00
	5 240	5.30	5.67	11.00
	5 260	3.94	4.31	10.78
	5 300	4.15	4.52	10.78
	5 320	4.22	4.59	10.78
	5 500	3.91	4.28	11.00
	5 580	4.67	5.03	11.00
	5 700	5.46	5.83	11.00
	5 720	6.20	6.57	11.00
	5 745	4.24	4.61	30.00
	5 785	4.37	4.74	30.00
	5 825	4.78	5.15	30.00

Antenna	Freq. (MHz)	ANT1 (dBm)	ANT2 (dBm)	Result (dBm)	Limit (dBm)
MIMO	5 180	4.66	4.03	7.73	10.17
	5 200	4.92	4.16	7.93	10.17
	5 240	5.10	4.23	8.06	10.17
	5 260	3.89	3.17	6.92	7.98
	5 300	4.06	3.54	7.18	7.98
	5 320	4.19	3.58	7.27	7.98
	5 500	4.27	3.49	7.27	10.64
	5 580	4.61	4.38	7.87	10.64
	5 700	4.87	4.62	8.12	10.64
	5 720	5.47	5.07	8.65	10.64
	5 745	3.81	3.29	6.93	28.79
	5 785	3.83	3.47	7.03	28.79
	5 825	4.00	4.09	7.43	28.79

NOTE1 : refer to 4.3.1 for information on limit reduction.
 NOTE2 : We took the insertion loss of the cable loss into consideration within the measuring instrument.
 NOTE3 : Duty cycle Factor : $10 \cdot \log(1/(\text{on-time}/\text{Period}))$ refer to 4.3.6.7
 NOTE4 : Result : Measured Value(ANT1, ANT2, ANT1 + ANT2) + Duty cycle Factor
 NOTE5 : 5150MHz ~ 5725MHz : dBm/MHz
 5725MHz ~ 5850MHz : dBm/500kHz

Test mode : 802.11ax(HE40)_OFDMA

Antenna	Freq. (MHz)	Measured (dBm)	Result (dBm)	Limit (dBm)	
SISO ANT1	5 190	2.41	2.79	11.00	
	5 230	2.38	2.76	11.00	
	5 270	1.38	1.76	11.00	
	5 310	1.45	1.83	11.00	
	5 510	1.00	1.38	11.00	
	5 550	3.70	4.08	11.00	
	5 670	4.14	4.51	11.00	
	5 710	4.85	5.23	11.00	
	5 755	1.92	2.30	30.00	
	5 795	2.20	2.58	30.00	
SISO ANT2	5 190	4.99	5.37	11.00	
	5 230	5.24	5.62	11.00	
	5 270	3.99	4.37	10.78	
	5 310	4.20	4.58	10.78	
	5 510	3.36	3.73	11.00	
	5 550	5.31	5.69	11.00	
	5 670	6.13	6.51	11.00	
	5 710	7.15	7.53	11.00	
	5 755	4.43	4.81	30.00	
	5 795	4.55	4.93	30.00	
Antenna	Freq. (MHz)	ANT1 (dBm)	ANT2 (dBm)	Result (dBm)	Limit (dBm)
MIMO	5 190	4.51	4.18	7.74	10.17
	5 230	4.68	4.36	7.91	10.17
	5 270	4.11	4.09	7.49	7.98
	5 310	4.50	3.34	7.35	7.98
	5 510	3.30	2.73	6.41	10.64
	5 550	5.48	4.96	8.62	10.64
	5 670	5.68	5.56	9.01	10.64
	5 710	6.35	6.05	9.59	10.64
	5 755	3.89	3.28	6.99	28.79
	5 795	3.95	3.44	7.09	28.79

NOTE1 : refer to 4.3.1 for information on limit reduction.
NOTE2 : We took the insertion loss of the cable loss into consideration within the measuring instrument.
NOTE3 : Duty cycle Factor : $10 \cdot \log(1/(\text{on-time}/\text{Period}))$ refer to 4.3.6.7
NOTE4 : Result : Measured Value(ANT1, ANT2, ANT1 + ANT2) + Duty cycle Factor
NOTE5 : 5150MHz ~ 5725MHz : dBm/MHz
5725MHz ~ 5850MHz : dBm/500kHz

Test mode : 802.11ax(HE80)_OFDMA

Antenna	Freq. (MHz)		Measured (dBm)		Result (dBm)		Limit (dBm)			
SISO ANT1	5 210		1.50		1.86		11.00			
	5 290		0.57		0.93		11.00			
	5 530		2.76		3.12		11.00			
	5 690		4.70		5.06		11.00			
	5 775		3.12		3.48		30.00			
SISO ANT2	5 210		5.16		5.52		11.00			
	5 290		3.83		4.19		10.78			
	5 530		4.30		4.66		11.00			
	5 690		7.14		7.50		11.00			
	5 775		5.50		5.86		30.00			
Antenna	Freq. (MHz)		ANT1 (dBm)		ANT2 (dBm)		Result (dBm)		Limit (dBm)	
MIMO	5 210		4.83		4.44		8.01		10.17	
	5 290		3.97		3.09		6.93		7.98	
	5 530		4.35		4.48		7.79		10.64	
	5 690		6.35		6.68		9.89		10.64	
	5 775		5.27		5.36		8.69		28.79	

NOTE1 : refer to 4.3.1 for information on limit reduction.
 NOTE2 : We took the insertion loss of the cable loss into consideration within the measuring instrument.
 NOTE3 : Duty cycle Factor : $10 \cdot \log(1/(\text{on-time}/\text{Period}))$ refer to 4.3.6.7
 NOTE4 : Result : Measured Value(ANT1, ANT2, ANT1 + ANT2) + Duty cycle Factor
 NOTE5 : 5150MHz ~ 5725MHz : dBm/MHz
 5725MHz ~ 5850MHz : dBm/500kHz

4.3.3.5 Test Plot

Test mode : 802.11a / SISO(ANT1)

5180MHz



5200MHz



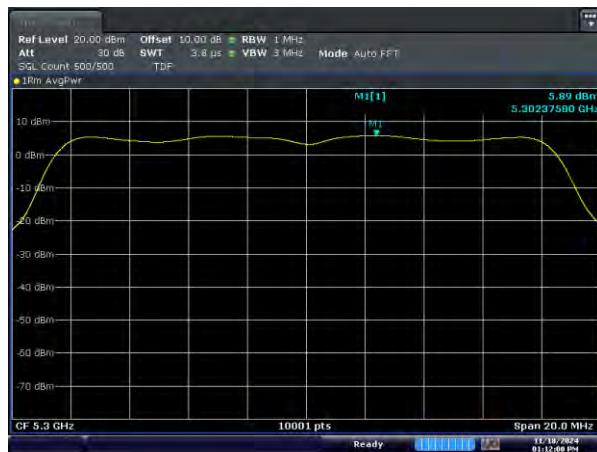
5240MHz



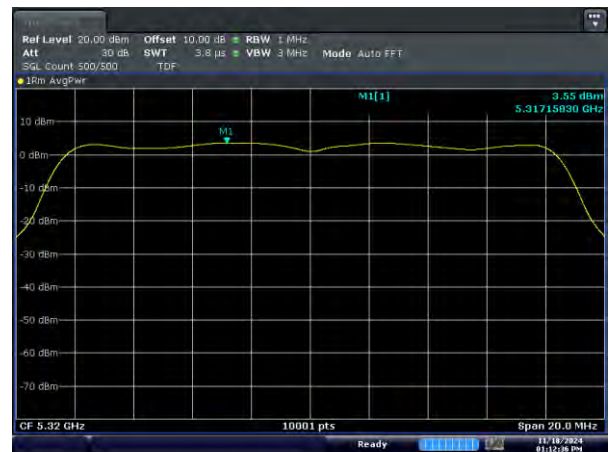
5260MHz



5300MHz



5320MHz



Test mode : 802.11a / SISO(ANT1)

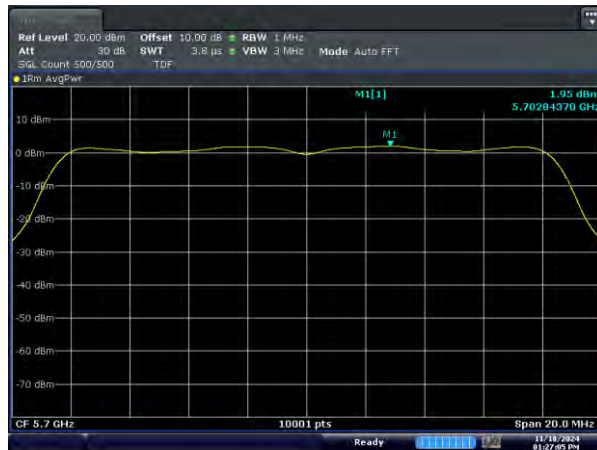
5500MHz



5580MHz



5700MHz



5720MHz



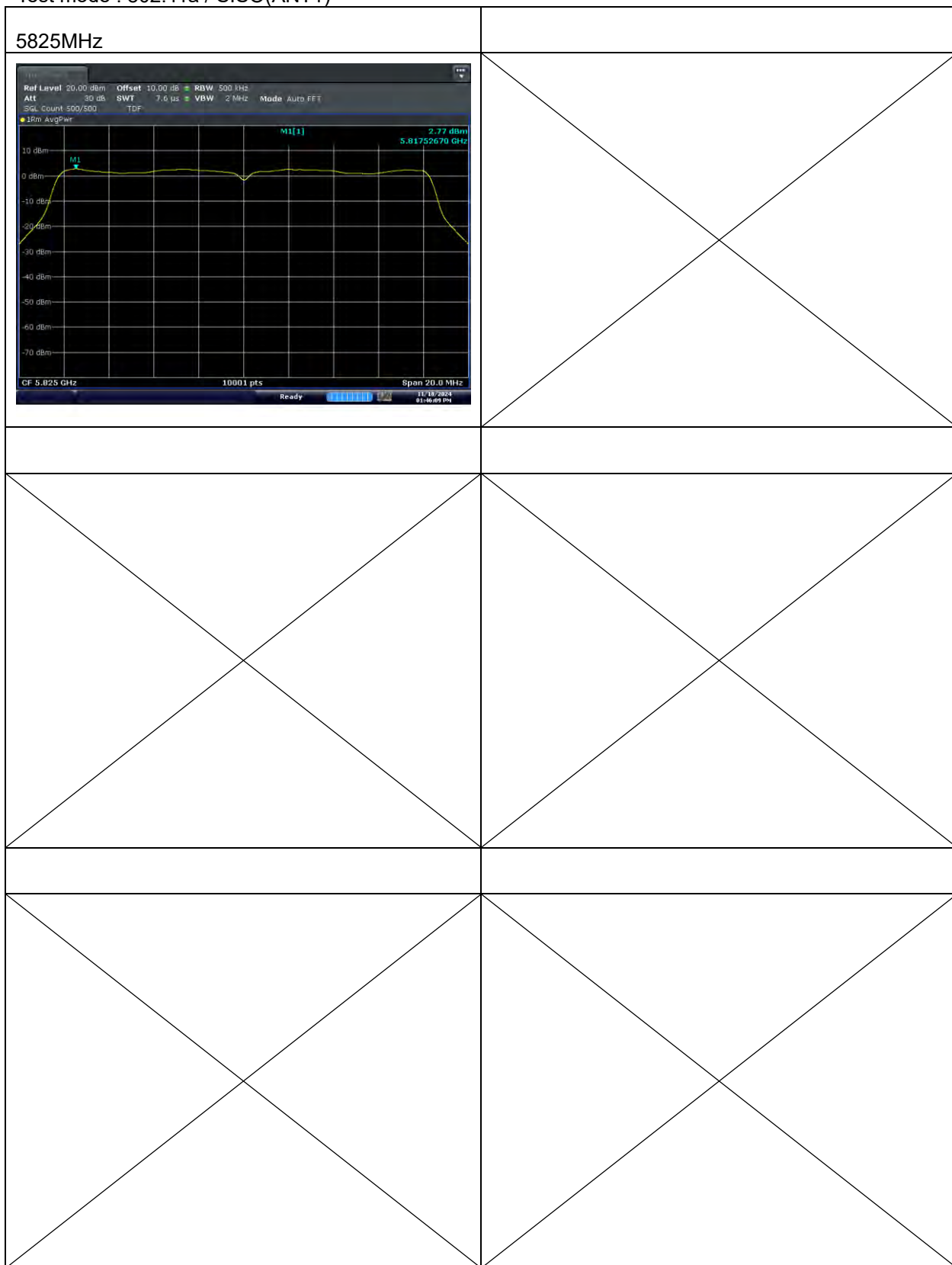
5745MHz



5785MHz

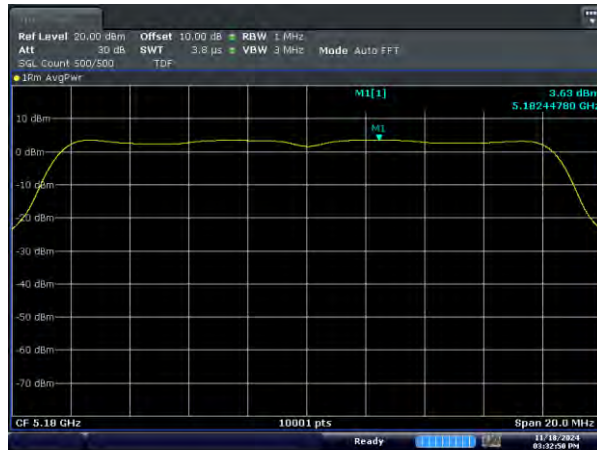


Test mode : 802.11a / SISO(ANT1)



Test mode : 802.11a / SISO(ANT2)

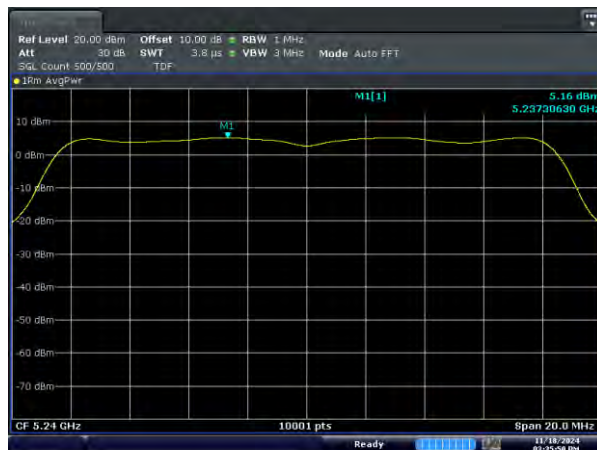
5180MHz



5200MHz



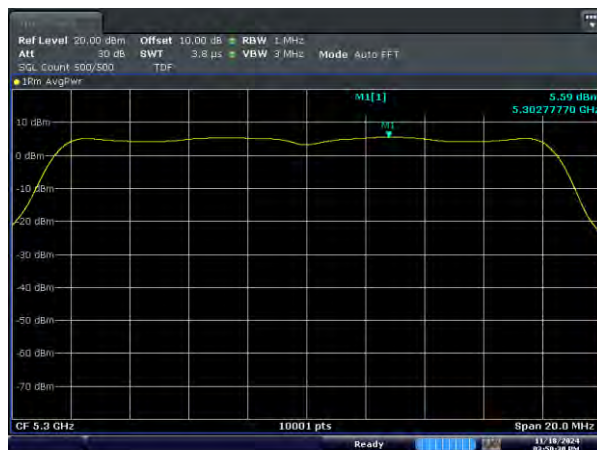
5240MHz



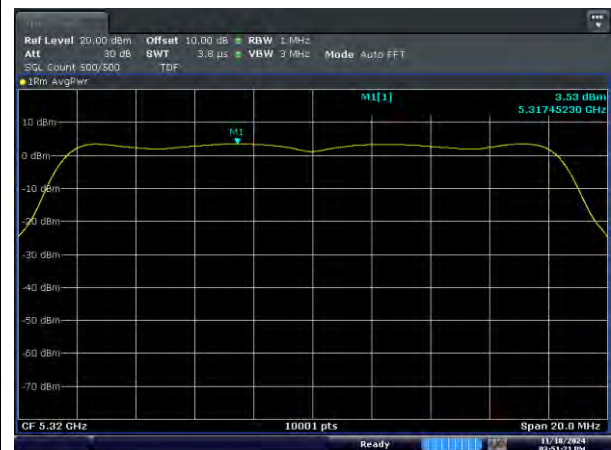
5260MHz



5300MHz

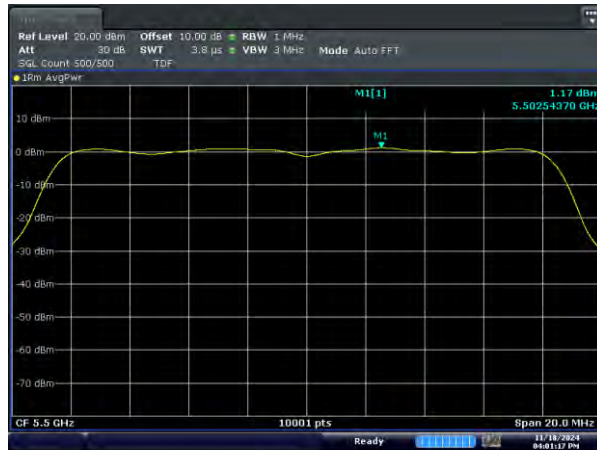


5320MHz



Test mode : 802.11a / SISO(ANT2)

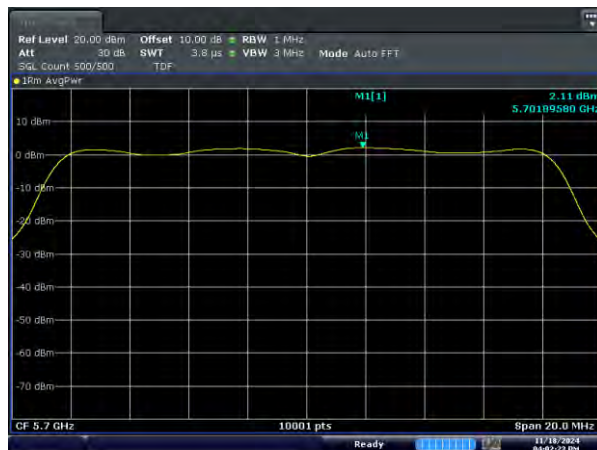
5500MHz



5580MHz



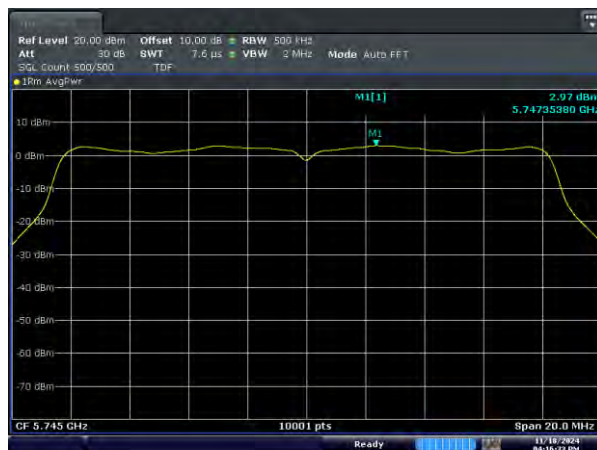
5700MHz



5720MHz



5745MHz



5785MHz



Test mode : 802.11a / SISO(ANT2)

5825MHz



Test mode : 802.11n(HT20) / SISO(ANT1)

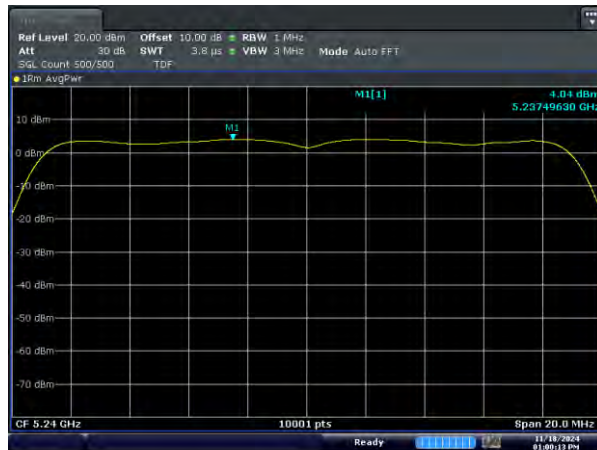
5180MHz



5200MHz



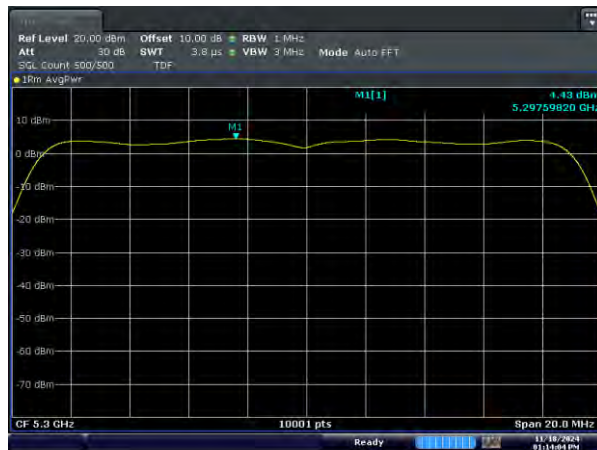
5240MHz



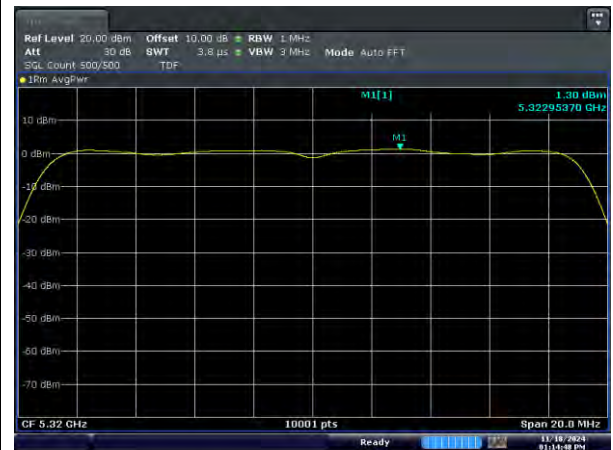
5260MHz



5300MHz

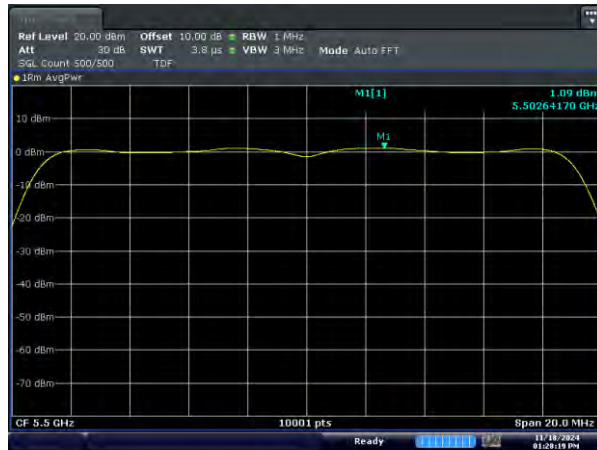


5320MHz



Test mode : 802.11n(HT20) / SISO(ANT1)

5500MHz



5580MHz



5700MHz



5720MHz



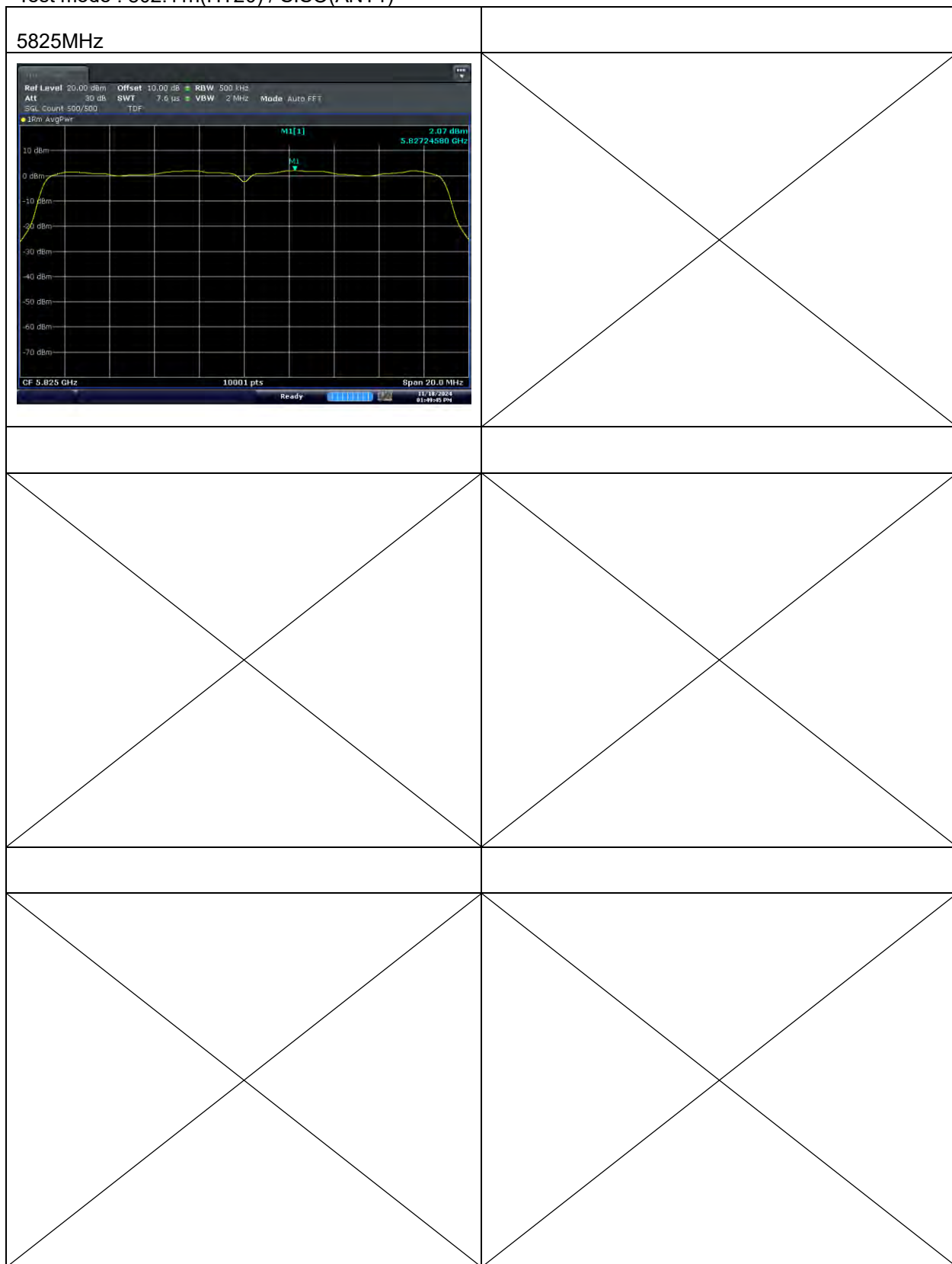
5745MHz



5785MHz

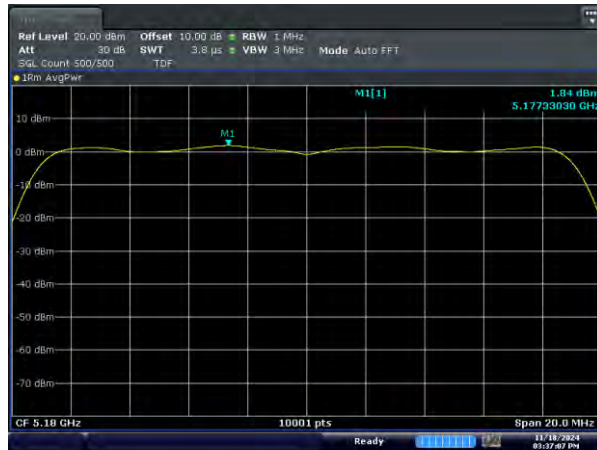


Test mode : 802.11n(HT20) / SISO(ANT1)



Test mode : 802.11n(HT20) / SISO(ANT2)

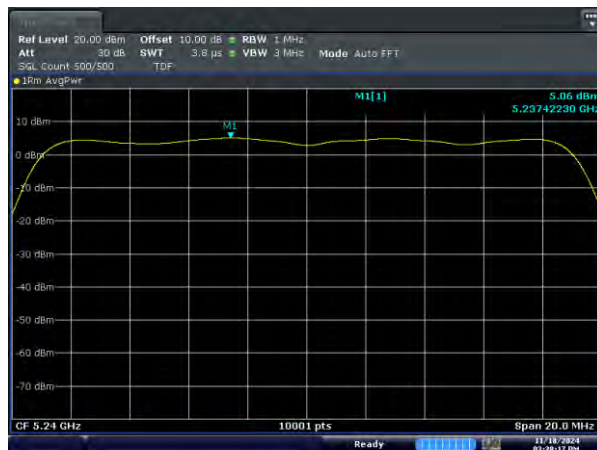
5180MHz



5200MHz



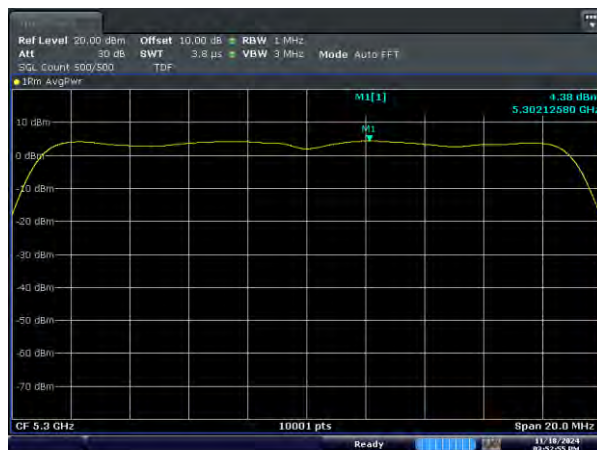
5240MHz



5260MHz



5300MHz



5320MHz



Test mode : 802.11n(HT20) / SISO(ANT2)

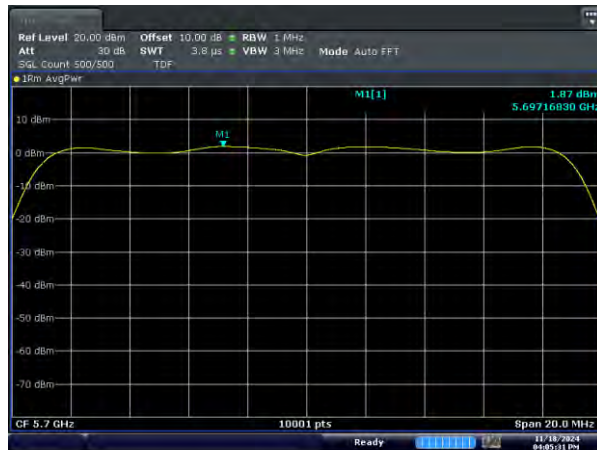
5500MHz



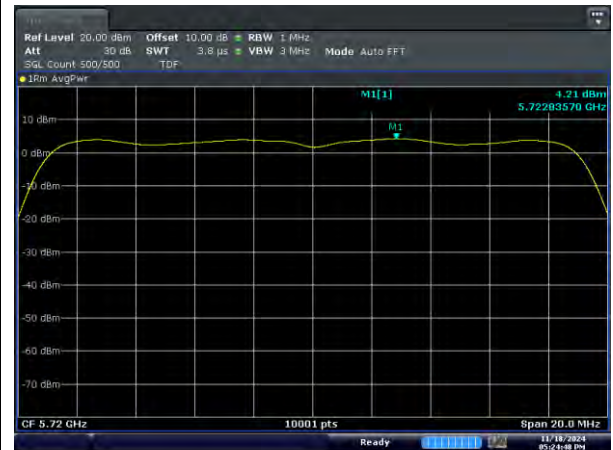
5580MHz



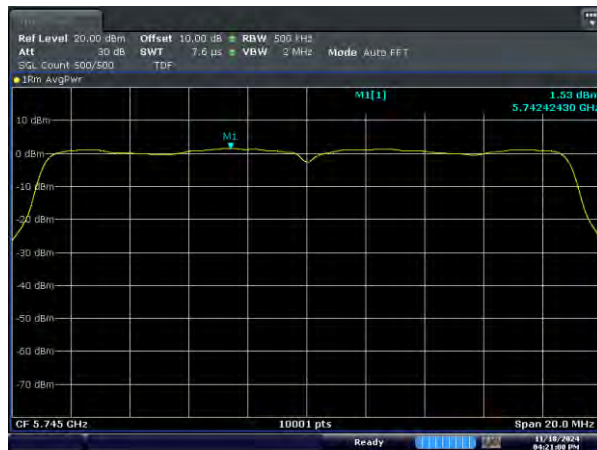
5700MHz



5720MHz



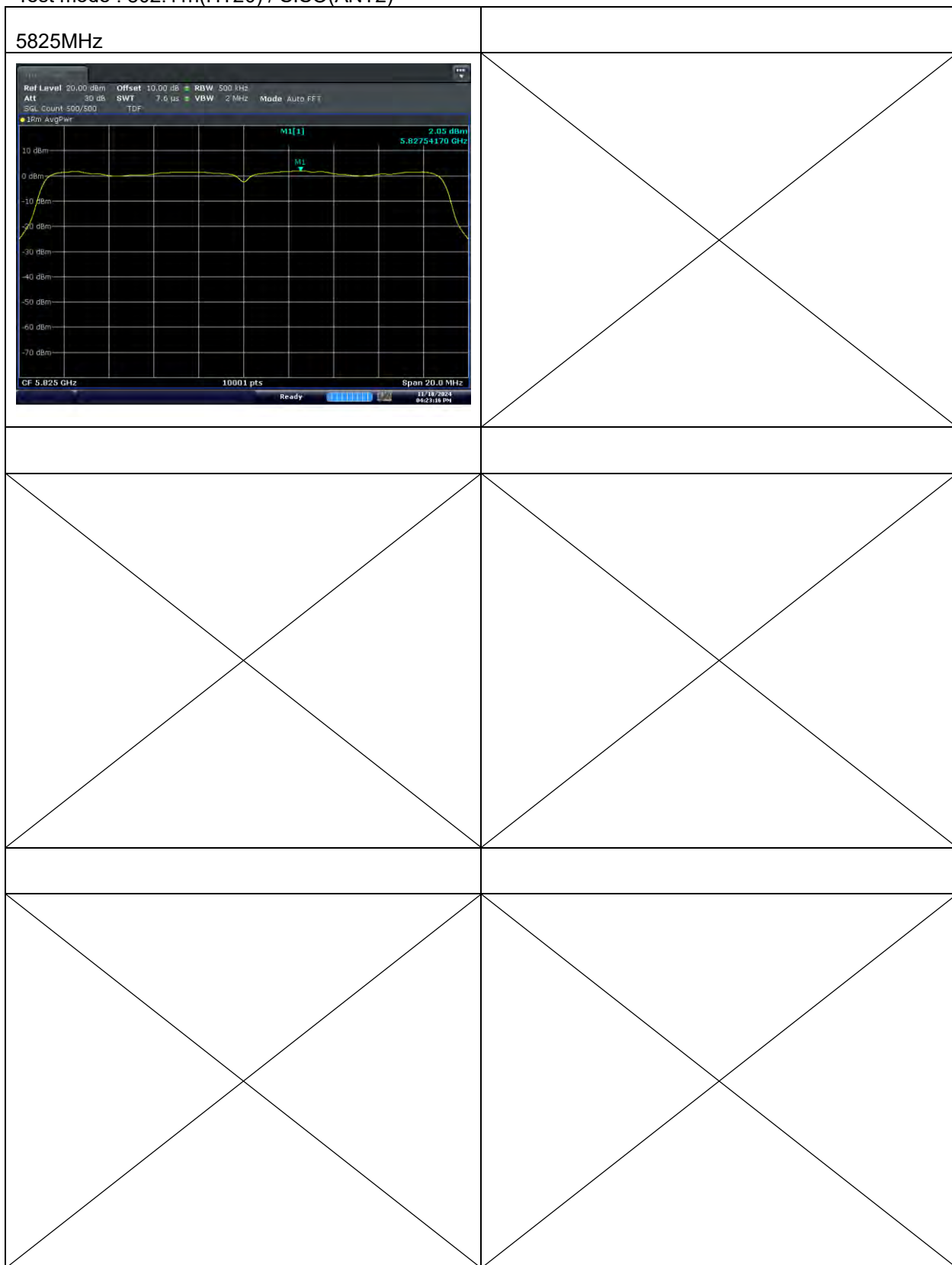
5745MHz



5785MHz

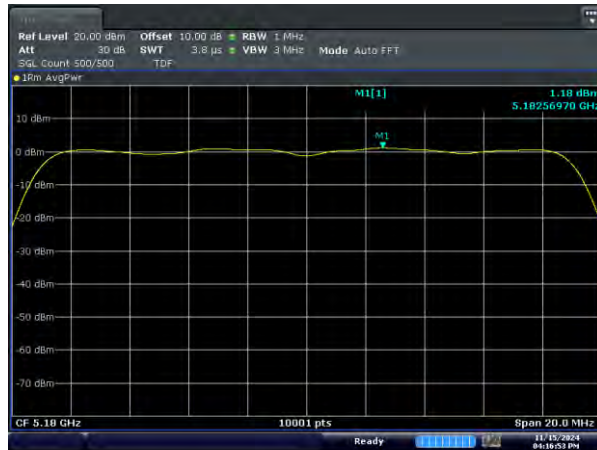


Test mode : 802.11n(HT20) / SISO(ANT2)



Test mode : 802.11n(HT20) / MIMO(ANT1)

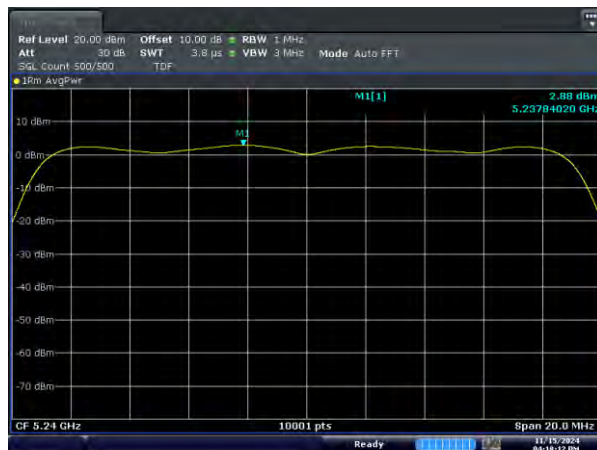
5180MHz



5200MHz



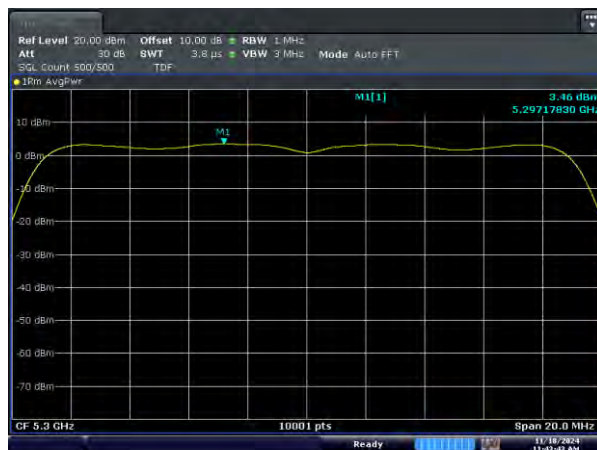
5240MHz



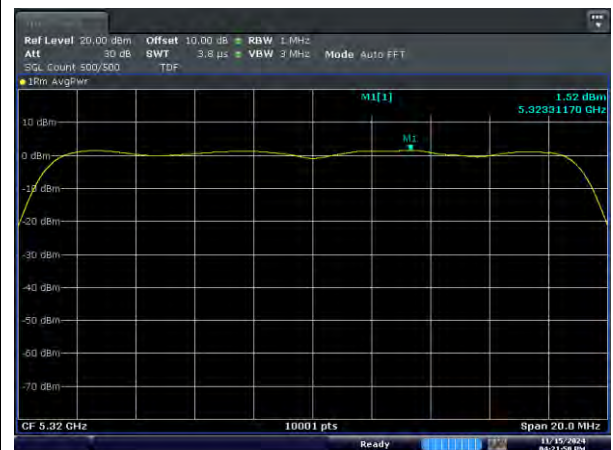
5260MHz



5300MHz

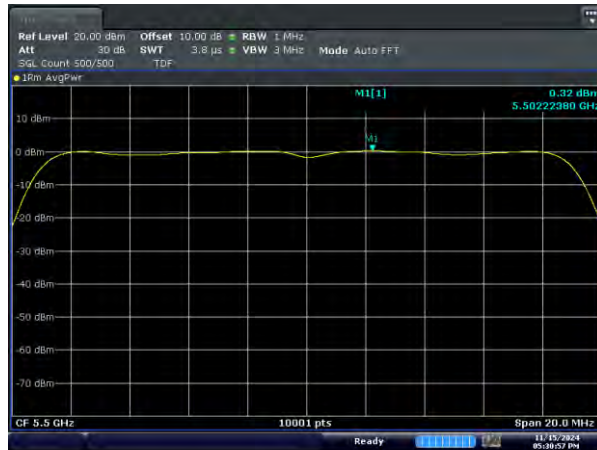


5320MHz



Test mode : 802.11n(HT20) / MIMO(ANT1)

5500MHz



5580MHz



5700MHz



5720MHz



5745MHz



5785MHz



Test mode : 802.11n(HT20) / MIMO(ANT1)

