SGS Korea Co., Ltd.
4, LS-ro 182beon-gil, Gunpo-si, Gyeonggi-do, Korea, 15807
Tel. +82 31 428 5700 / Fax. +82 31 427 2370
http://www.sgsgroup.kr

TEST REPORT

of

FCC Part 15 Subpart C §15.247

FCC ID: A3LSMT875

1. Equipment Under Test	:	Portable Tablet
2. Model Name	:	SM-T875
3. Variant Model Name(s)	:	-
4. Applicant	:	Samsung Electronics Co., Ltd.
5. Date of Receipt	:	2020.06.04
6. Date of Test(s)	:	2020.06.05 ~ 2020.07.09
7. Date of Issue	:	2020.07.20

In the configuration tested, the EUT complied with the standards specified above. This test report does not assure KOLAS accreditation.

1) The results of this test report are effective only to the items tested.
2) The SGS Korea is not responsible for the sampling, the results of this test report apply to the sample as received.

Tested by: **Nancy Park**

Technical Manager: **Jungmin Yang**

SGS Korea Co., Ltd. Gunpo Laboratory

Table of contents

1. General Information 3

2. Transmitter Radiated Spurious Emissions and Conducted Spurious Emission 9

3. 6 dB Bandwidth 111

4. Maximum Peak Conducted Output Power.....115

5. Power Spectral Density.....125

6. Transmitter AC Power Line Conducted Emission 166

7. Antenna Requirement 170

1. General Information

1.1. Testing Laboratory

SGS Korea Co., Ltd. (Gunpo Laboratory)
- 10-2, LS-ro 182beon-gil, Gunpo-si, Gyeonggi-do, Korea, 15807
- 4, LS-ro 182beon-gil, Gunpo-si, Gyeonggi-do, Korea, 15807
- Designation number: KR0150

All SGS services are rendered in accordance with the applicable SGS conditions of service available on request and accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx.
Phone No. : +82 31 688 0901
Fax No. : +82 31 688 0921

1.2. Details of Applicant

Applicant : Samsung Electronics Co., Ltd.
Address : 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Rep. of Korea
Contact Person : Seo, Deok-ho
Phone No. : +82 10 3955 6246

1.3. Description of EUT

Kind of Product		Portable Tablet
Model Name		SM-T875
Power Supply		DC 3.86 V
Frequency Range		2 412 ㎒ ~ 2 472 ㎒ (11ax_HE20)
Modulation Technique		OFDMA
Number of Channels		13 channels (11ax_HE20)
Antenna Type		Metal Frame Antenna
Antenna Gain	**Ant.1**	-5.10 ㏈i
	Ant.2	-4.80 ㏈i

1.4. Test Equipment List

Equipment	Manufacturer	Model	S/N	Cal. Date	Cal. Interval	Cal. Due
Signal Generator	R&S	SMR40	100272	Jun. 18, 2020	Annual	Jun. 18, 2021
Signal Generator	R&S	SMBV100A	255834	Jun. 03, 2020	Annual	Jun. 03, 2021
Spectrum Analyzer	R&S	FSV30	103455	Dec. 22, 2019	Annual	Dec. 22, 2020
Spectrum Analyzer	Agilent	N9020A	MY53421758	Sep. 11, 2019	Annual	Sep. 11, 2020
Attenuator	MCLI	FAS-23-20	23834	Dec. 04, 2019	Annual	Dec. 04, 2020
High Pass Filter	Wainwright Instrument GmbH	WHK3.0/18G-10SS	344	May 18, 2020	Annual	May 18, 2021
High Pass Filter	Wainwright Instrument GmbH	WHNX7.5/26.5G-6SS	15	Jun. 05, 2020	Annual	Jun. 05, 2021
Low Pass Filter	Mini-Circuits	NLP-1200+	V9500401023-2	Jun. 01, 2020	Annual	Jun. 01, 2021
Power Sensor	R&S	NRP-Z81	101421	Dec. 26, 2019	Annual	Dec. 26, 2020
DC Power Supply	Agilent	HMP2020	020089489	May 20, 2020	Annual	May 20, 2021
Preamplifier	H.P.	8447F	2944A03909	Aug. 07, 2019	Annual	Aug. 07, 2020
Signal Conditioning Unit	R&S	SCU-18	10117	Jun. 10, 2020	Annual	Jun. 10, 2021
Preamplifier	MITEQ Inc.	JS44-18004000-35-8P	1546891	May 08, 2020	Annual	May 08, 2021
Loop Antenna	Schwarzbeck Mess-Elektronik	FMZB 1519	1519-039	Aug. 22, 2019	Biennial	Aug. 22, 2021
Bilog Antenna	Schwarzbeck Mess-Elektronik	VULB 9163	396	Mar. 21, 2019	Biennial	Mar. 21, 2021
Horn Antenna	R&S	HF906	100326	Feb. 14, 2020	Annual	Feb. 14, 2021
Horn Antenna	Schwarzbeck Mess-Elektronik	BBHA 9170	BBHA9170431	Sep. 10, 2018	Biennial	Sep. 10, 2020
Test Receiver	R&S	ESU26	100109	Feb. 18, 2020	Annual	Feb. 18, 2021
Test Receiver	R&S	ESCI 7	100911	Feb. 19, 2020	Annual	Feb. 19, 2021
Two-Line V-Network	R&S	ENV216	100190	May 08, 2020	Annual	May 08, 2021
Turn Table	Innco systems GmbH	DS 1200 S	N/A	N.C.R.	N/A	N.C.R.
Controller	Innco systems GmbH	CONTROLLER CO3000-4P	CO3000/963/383 30516/L	N.C.R.	N/A	N.C.R.
Antenna Mast	Innco systems GmbH	MA4640-XP-ET	MA4640/536/383 30516/L	N.C.R.	N/A	N.C.R.
Shield Room	SY Corporation	L × W × H (6.5 m × 3.5 m × 3.5 m)	N/A	N.C.R.	N/A	N.C.R.
Anechoic Chamber	SY Corporation	L × W × H (9.6 m × 6.4 m × 6.6 m)	N/A	N.C.R.	N/A	N.C.R.
Coaxial Cable	SUCOFLEX	104 (3 m)	MY3258414	Jan. 28, 2020	Semi-annual	Jul. 28, 2020
Coaxial Cable	SUCOFLEX	104 (10 m)	MY3145814	Jan. 28, 2020	Semi-annual	Jul. 28, 2020
Coaxial Cable	Rosenberger	LA1-C006-1500	131014 10/20	Feb. 23, 2020	Semi-annual	Aug. 23, 2020

1.5. Summary of Test Results

The EUT has been tested according to the following specifications:

APPLIED STANDARD: FCC Part15 Subpart C		
Section	**Test Item(s)**	**Result**
15.205(a) 15.209 15.247(d)	Transmitter Radiated Spurious Emissions and Conducted Spurious Emission	Complied
15.247(a)(2)	6 dB Bandwidth	Complied
15.247(b)(3)	Maximum Peak Conducted Output Power	Complied
15.247(e)	Power Spectral Density	Complied
15.207	AC Power Line Conducted Emission	Complied

1.6. Test Report Revision

Revision	Report Number	Date of Issue	Description
0	F690501-RF-RTL000917	2020.07.09	Initial
1	F690501-RF-RTL000917-1	2020.07.15	Added note for below 30 ㎒ test site, modified the equipment under test.
2	F690501-RF-RTL000917-2	2020.07.20	Modified the details of applicant.

1.7. Test Procedure(s)

The measurement procedures described in the American National Standard of Procedure for Compliance Testing of unlicensed Wireless Devices (ANSI C63.10-2013) and the guidance provided in KDB 558074 D01 15.247 Meas Guidance v05r02 were used in the measurement of the DUT.

1.8. Sample Calculation

Where relevant, the following sample calculation is provided:

1.8.1. Conducted Test

Offset value (㏈) = Attenuator (㏈) + Cable loss (㏈)

1.8.2. Radiation Test

Field strength level (㏈㎶/m) = Measured level (㏈㎶) + Antenna factor (㏈) + Cable loss (㏈) - Amplifier gain (㏈) + Duty factor (㏈)

1.9. Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Parameter	Uncertainty
Conducted Disturbance	± 3.45 dB
Radiated Disturbance, 9 kHz to 30 MHz	± 3.59 dB
Radiated Disturbance, below 1 GHz	± 5.88 dB
Radiated Disturbance, above 1 GHz	± 5.94 dB

Uncertainty figures are valid to a confidence level of 95 %.

1.10. Simultaneous Condition

2.4G		5G		BT		Test Case
Chain 0 (Ant.1)	Chain 1 (Ant.2)	Chain 0 (Ant.1)	Chain 1 (Ant.2)	Chain 0 (Ant.1)	Chain 1 (Ant.2)	
V	V	-	-	-	-	-
-	-	V	V	V	-	-
-	-	V	V	-	V	-
-	-	V	V	-	-	-
-	-	V	-	-	-	-
-	-	-	V	-	-	-
-	V	-	-	-	-	-
V	V	V	V	-	-	V
-	V	V	V	V	-	V
-	V	-	-	V	-	-

Remark;

- Spurious emissions for Simultaneous transmission were reported on the UNII 802.11ax test report (F690501-RF-RTL000921) section 2.4.3.

1.11. Worst Case Configuration and Mode

Radiated emission below 1 GHz and power line conducted emission were performed with the EUT set to transmit at the channel with highest output power as worst case scenario.

Radiated emission above 1 GHz was performed with the EUT set to transmit low/mid/high channels.

For the radiated band edge/spurious emissions test, it was tested at RU allocations adjacent to band edge for each RU tones.

1.12. Duty Cycle of EUT

Regarding to KDB 558074 D01 15.247 Meas Guidance v05r02, 6, the maximum duty cycles of all modes were investigated and set the spectrum analyzer as below;
Set RBW ≥ OBW if possible; otherwise, set RBW to the largest available value. Set detector = peak or average. The zero-span measurement method shall not be used unless both RBW and VBW are > 50/T and the number of sweep points across duration T exceeds 100.

Mode	Ant port	Tone	Duty Cycle (%)	Correction Factor (dB)
11ax_HE20	Single	26T	99.41	0.03
		52T	99.12	0.04
		106T	99.06	0.04
		SU	99.36	0.03
	ALL	26T	98.29	0.07
		52T	98.47	0.07
		106T	98.88	0.05
		SU	99.27	0.03

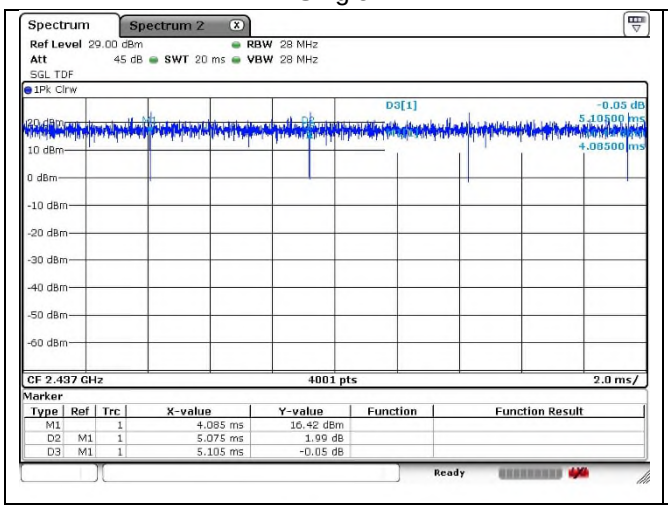
Remark;

1. As measured duty cycles of EUT, all of mode and data rate keeps constant period and are converted to log scale (power averaging) to compensate correction factor to result of average test items.
2. Duty Cycle (%) = (Tx on time / Tx on + off time) x 100
3. Correction Factor (dB) = 10 log (1 / Duty Cycle)

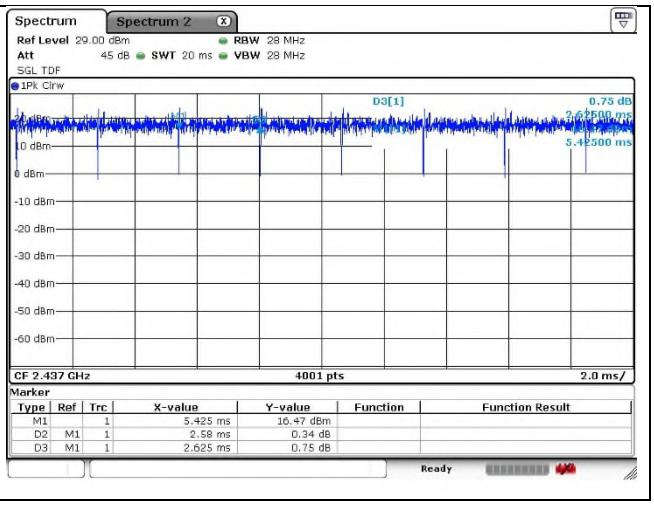
- Test plots

802.11ax_HE20_26T

Single

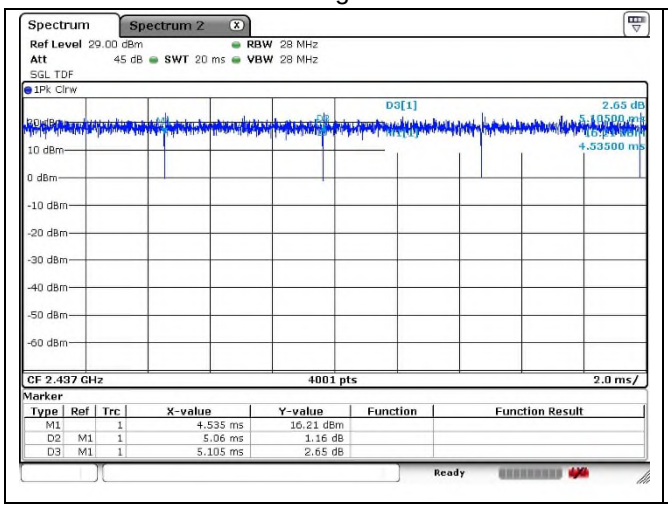


ALL

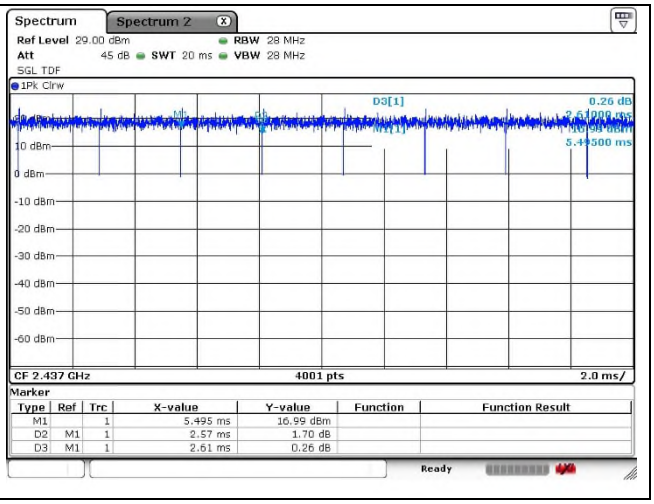


802.11ax_HE20_52T

Single

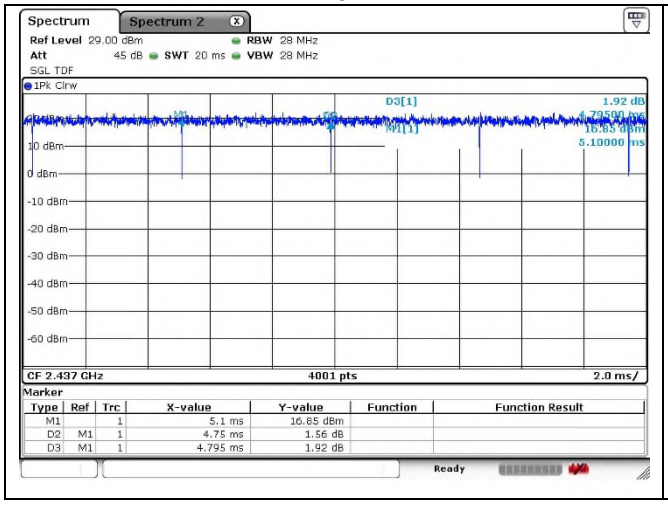


ALL

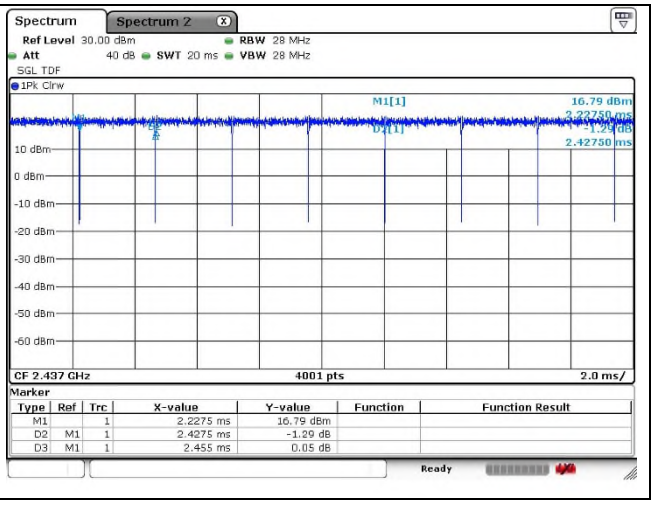


802.11ax_HE20_106T

Single

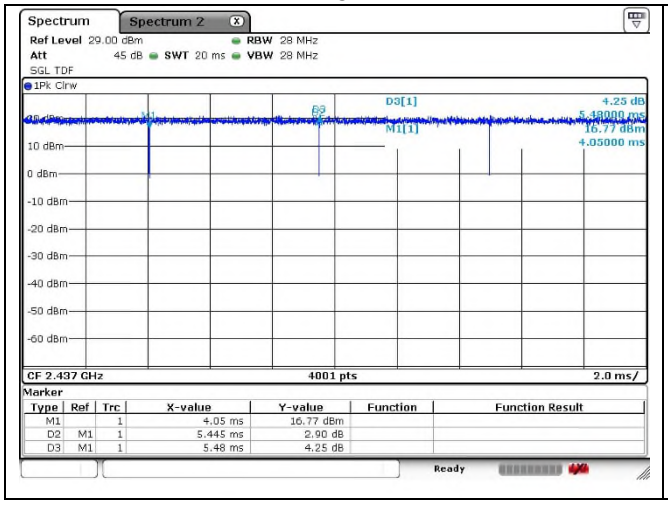


ALL

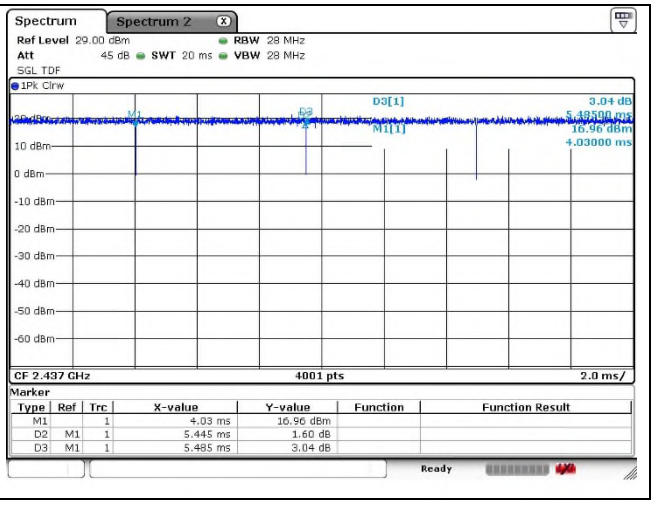


802.11ax_HE20_SU

Single



ALL

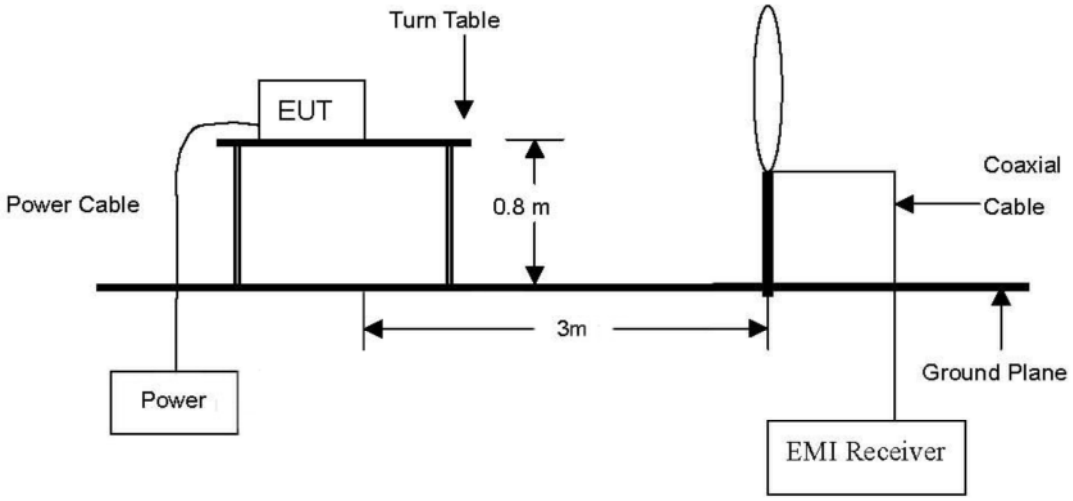


2. Transmitter Radiated Spurious Emissions and Conducted Spurious Emission

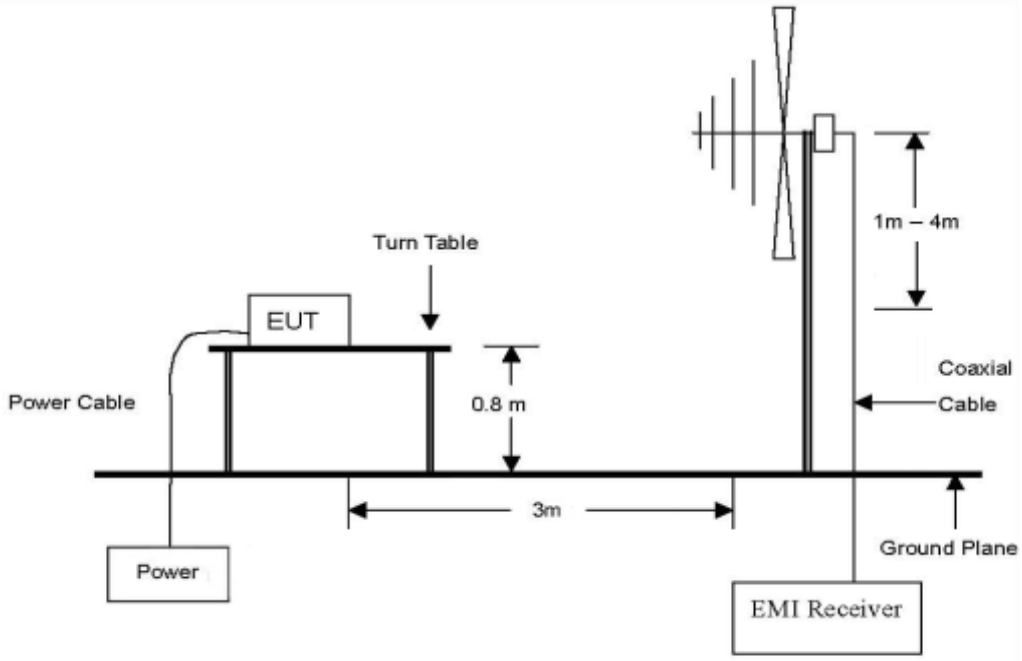
2.1. Test Setup

2.1.1. Transmitter Radiated Spurious Emissions

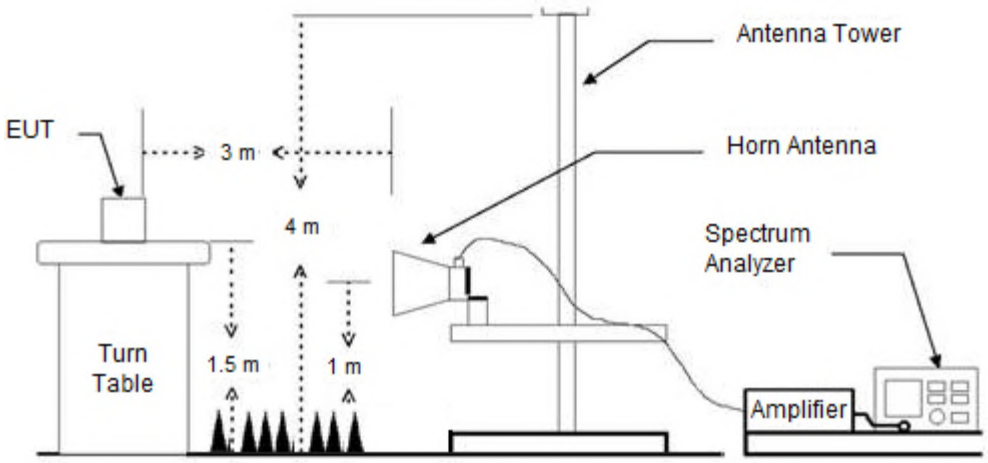
The diagram below shows the test setup that is utilized to make the measurements for emission from 9 ㎑ to 30 ㎒ emissions.



The diagram below shows the test setup that is utilized to make the measurements for emission from 30 ㎒ to 1 ㎓ emissions.



The diagram below shows the test setup that is utilized to make the measurements for emission .The spurious emissions were investigated form 1 ㎓ to the 10th harmonic of the highest fundamental frequency or 40 ㎓, whichever is lower.



2.1.2. Conducted Spurious Emission

2.2. Limit

According to §15.247(d), in any 100 ㎑ bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 ㏈ below that in the 100 ㎑ bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 ㏈ instead of 20 ㏈. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emission which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

According to §15.209(a), except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency (㎒)	Field Strength (㎶/m)	Measurement Distance (Meters)
0.009-0.490	2 400/F(㎑)	300
0.490-1.705	24 000/F(㎑)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 ㎒, 76-88 ㎒, 174-216 ㎒ or 470-806 ㎒. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§15.231 and 15.241.

2.3. Test Procedures

Radiated emissions from the EUT were measured according to the dictates in section 11.11 & 11.12 of ANSI C63.10-2013 and only the radiated emissions of the configuration that produced the worst case emissions are reported in this section.

2.3.1. Test Procedures for emission below 30 ㎒

1. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter anechoic chamber test site. The table was rotated 360 degrees to determine the position of the highest radiation.
2. Then antenna is a loop antenna is fixed at one meter above the ground to determine the maximum value of the field strength. Both parallel and perpendicular of the antenna are set to make the measurement.
3. For each suspected emission, the EUT was arranged to its worst case and then the table was turned from 0 degrees to 360 degrees to find the maximum reading.
4. The test-receiver system was set to average or quasi peak detect function and Specified Bandwidth with Maximum Hold Mode.

Note;

Although these tests were performed other than open field test site, adequate comparison measurements were confirmed against 30 meter open field test site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field based on KDB 414788 D01 Radiated Test Site v01r01.

2.3.2. Test Procedures for emission from above 30 ㎒

1. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter anechoic chamber test site below 1 ㎓ and 1.5 meters above the ground at a 3 meter anechoic chamber test site above 1 ㎓. The table was rotated 360 degrees to determine the position of the highest radiation.
2. During performing radiated emission below 1 ㎓, the EUT was set 3 meters away from the interference receiving antenna, which was mounted on the top of a variable-height antenna tower. During performing radiated emission above 1 ㎓, the EUT was set 3 meter away from the interference-receiving antenna.
3. The antenna is a bi-log antenna, a horn antenna and its height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the table was turned from 0 degrees to 360 degrees to find the maximum reading.
5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

Note;

1. Unwanted Emissions into Non-Restricted Frequency Bands

- The Reference Level Measurement refer to section 11.11.2
Set analyzer center frequency to DTS channel center frequency, SPAN ≥ 1.5 times the DTS bandwidth, the RBW = 100 ㎑ and VBW ≥ 3 x RBW, Detector = Peak, Sweep time = Auto couple, Trace = Max hold.

- Unwanted Emissions Level Measurement refer to section 11.11.3
Set the center frequency and span to encompass frequency range to be measured, the RBW = 100 ㎑ and VBW ≥ 3 x RBW, Detector = Peak, Sweep time = Auto couple, Trace = Max hold.

2. Unwanted Emissions into Restricted Frequency Bands

- Peak Power measurement procedure refer to section 11.12.2.4
Set RBW = as specified in Table 9, VBW ≥ 3 x RBW, Detector = Peak, Sweep time = auto, Trace = Max hold.

Table 9 – RBW as a function of frequency

Frequency	RBW
9 ㎑ to 150 ㎑	200 ㎐ to 300 ㎐
0.15 ㎒ to 30 ㎒	9 ㎑ to 10 ㎑
30 ㎒ to 1 000 ㎒	100 ㎑ to 120 ㎑
> 1 000 ㎒	1 ㎒

If the peak – detected amplitude can be shown to comply with the average limit, then it is not necessary to perform a separate average measurement.

- Average Power measurements procedure refer to section 11.12.2.5.2
The EUT shall be configured to operate at the maximum achievable duty cycle.
Measure the duty cycle D of the transmitter output signal as described in section 11.6.
Set RBW = 1 ㎒, VBW ≥ 3 x RBW, Detector = RMS, if span / (# of points in sweep) ≤ (RBW/2).
Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If this condition cannot be satisfied then the detector mode shall be set to peak.

Averaging type = power (i.e., RMS).
As an alternative the detector and averaging type may be set for linear voltage averaging.
Some instruments require linear display mode in order to use linear voltage averaging. Log or ㏈ averaging shall not be used. Sweep time = auto, Perform a trace average of at least 100 traces.

A correction factor shall be added to the measurement results prior to comparing to the emission limit in order to compute the emission level that would have been measured had the test been performed at 100 percent duty cycle. The correction factor is computed as follows:

1) If a specific emission is demonstrated to be continuous (*D* ≥ 98 %) rather than turning ON and OFF with the transmit cycle, then no duty cycle correction is required for that emission.

3. Definition of DUT Axis.

Definition of the test orthogonal plan for EUT was described in the test setup photo.
The test orthogonal plan of EUT is **Z – axis** during radiation test.

2.3.3. Test Procedures for Conducted Spurious Emissions

Per the guidance of ANSI C63.10-2013, section 11.11.1 & 11.11.2 & 11.11.3, the reference level for out of band emissions is established from the plots of this section since the band edge emissions are measured with a RBW of 100 ㎑. This reference level is then used as the limit in subsequent plots for out of band spurious emissions shown in section 2.4.3. The limit for out of band spurious emission at the band edge is 20 ㏈ below the fundamental emission level measured in a 100 ㎑ bandwidth.

1. Conducted Emissions at Band Edge
 - The Measurement refer to section 11.11.2
   Set the center frequency and span to encompass frequency range to be measured, the RBW = 100 ㎑ and VBW ≥ 3 x RBW, Detector = Peak, Sweep time = Auto couple, Trace mode = Max hold, The trace was allowed to stabilize.

2. Conducted Spurious Emissions
 - The Measurement refer to section 11.11.3
   Start frequency was set to 9 ㎑ and stop frequency was set to 25 ㎓ (separated into two plots per channel), RBW = 1 ㎒, VBW ≥ 3 x RBW, Detector = Peak, Sweep time = Auto couple, Trace = Max hold, The trace was allowed to stabilize.

3. TDF function
 - For plots showing conducted spurious emissions from 9 ㎑ to 25 ㎓, all path loss of wide frequency range was investigated and compensated to spectrum analyzer as TDF function.
   So, the reading values shown in plots were final result.

2.4. Test Results

Ambient temperature : (23 ± 1) ℃
Relative humidity : 47 % R.H.

2.4.1. Radiated Spurious Emission below 1 000 ㎒

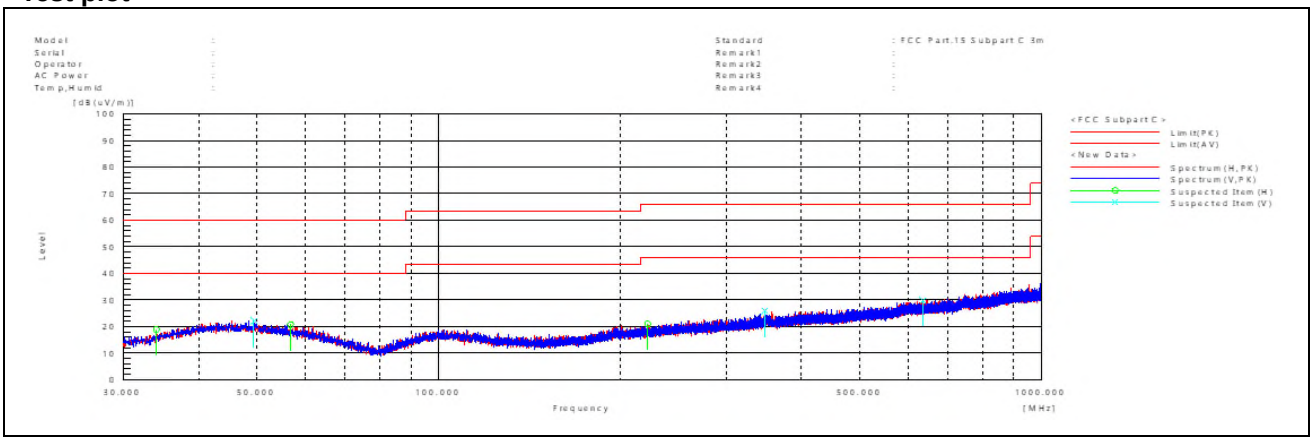
The frequency spectrum from 9 ㎑ to 1 000 ㎒ was investigated. All reading values are peak values.

Radiated Emissions			Ant	Correction Factors		Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	AMP + CL (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
49.36	29.30	Peak	V	20.30	-27.47	22.13	40.00	17.87
56.80	29.20	Peak	H	18.94	-27.26	20.88	40.00	19.12
636.25	30.90	Peak	V	25.13	-25.66	30.37	46.00	15.63
Above 700.00	Not detected	-	-	-	-	-	-	-

Remark;

1. Reported spurious emissions are in **11ax_HE20(MIMO) / Low channel / 26T / 0 RU** as worst case among other modes.
2. Radiated spurious emission measurement as below.
   (Actual = Reading + AF + AMP + CL)
3. According to §15.31(o), emission levels are not report much lower than the limits by over 20 ㏈.

- Test plot



2.4.2. Radiated Spurious Emission above 1 000 ㎒

The frequency spectrum above 1 000 ㎒ was investigated. All reading values are peak and average values.

- Band-edge

OFDMA: 802.11ax_HE20_26T_Ant.1

Low Channel (2 412 ㎒)_0 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 310.00	19.46	Peak	H	27.96	8.64	-	56.06	74.00	17.94
*2 310.00	8.27	Average	H	27.96	8.64	-	44.87	54.00	9.13
*2 378.72	20.73	Peak	H	28.09	7.11	-	55.93	74.00	18.07
*2 388.15	9.13	Average	H	28.18	7.05	-	44.36	54.00	9.64
*2 390.00	18.85	Peak	H	28.20	7.04	-	54.09	74.00	19.91
*2 390.00	8.54	Average	H	28.20	7.04	-	43.78	54.00	10.22

High Channel (2 462 ㎒)_8 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 483.50	19.83	Peak	H	28.37	6.50	-	54.70	74.00	19.30
*2 483.50	9.00	Average	H	28.37	6.50	-	43.87	54.00	10.13
*2 484.87	21.07	Peak	H	28.36	6.49	-	55.92	74.00	18.08
*2 486.14	9.36	Average	H	28.36	6.48	-	44.20	54.00	9.80
*2 500.00	19.11	Peak	H	28.30	6.35	-	53.76	74.00	20.24
*2 500.00	8.66	Average	H	28.30	6.35	-	43.31	54.00	10.69

12 Channel (2 467 ㎒)_8 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 483.50	29.03	Peak	H	28.37	6.50	-	63.90	74.00	10.10
*2 483.50	9.52	Average	H	28.37	6.50	-	44.39	54.00	9.61
*2 483.56	28.11	Peak	H	28.37	6.50	-	62.98	74.00	11.02
*2 483.76	10.53	Average	H	28.36	6.50	-	45.39	54.00	8.61
*2 500.00	18.84	Peak	H	28.30	6.35	-	53.49	74.00	20.51
*2 500.00	8.14	Average	H	28.30	6.35	-	42.79	54.00	11.21

13 Channel (2 472 ㎒)_8 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 483.50	33.33	Peak	H	28.37	6.50	-	68.20	74.00	5.80
*2 483.50	11.22	Average	H	28.37	6.50	-	46.09	54.00	7.91
*2 483.56	33.10	Peak	H	28.37	6.50	-	67.97	74.00	6.03
*2 483.66	11.08	Average	H	28.37	6.50	-	45.95	54.00	8.05
*2 500.00	19.03	Peak	H	28.30	6.35	-	53.68	74.00	20.32
*2 500.00	8.45	Average	H	28.30	6.35	-	43.10	54.00	10.90

OFDMA: 802.11ax_HE20_52T_Ant.1

Low Channel (2 412 ㎒)_37 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 310.00	19.33	Peak	H	27.96	8.64	-	55.93	74.00	18.07
*2 310.00	7.80	Average	H	27.96	8.64	-	44.40	54.00	9.60
*2 389.41	21.16	Peak	H	28.19	7.04	-	56.39	74.00	17.61
*2 388.72	8.99	Average	H	28.19	7.05	-	44.23	54.00	9.77
*2 390.00	20.40	Peak	H	28.20	7.04	-	55.64	74.00	18.36
*2 390.00	8.78	Average	H	28.20	7.04	-	44.02	54.00	9.98

High Channel (2 462 ㎒)_40 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 483.50	18.92	Peak	H	28.37	6.50	-	53.79	74.00	20.21
*2 483.50	8.45	Average	H	28.37	6.50	-	43.32	54.00	10.68
*2 496.26	21.60	Peak	H	28.31	6.38	-	56.29	74.00	17.71
*2 484.82	9.22	Average	H	28.36	6.49	-	44.07	54.00	9.93
*2 500.00	19.06	Peak	H	28.30	6.35	-	53.71	74.00	20.29
*2 500.00	8.06	Average	H	28.30	6.35	-	42.71	54.00	11.29

12 Channel (2 467 ㎒)_40 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 483.50	26.82	Peak	H	28.37	6.50	-	61.69	74.00	12.31
*2 483.50	9.43	Average	H	28.37	6.50	-	44.30	54.00	9.70
*2 483.61	26.16	Peak	H	28.37	6.50	-	61.03	74.00	12.97
*2 483.61	9.30	Average	H	28.37	6.50	-	44.17	54.00	9.83
*2 500.00	18.93	Peak	H	28.30	6.35	-	53.58	74.00	20.42
*2 500.00	8.17	Average	H	28.30	6.35	-	42.82	54.00	11.18

13 Channel (2 472 ㎒)_40 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 483.50	30.67	Peak	H	28.37	6.50	-	65.54	74.00	8.46
*2 483.50	12.41	Average	H	28.37	6.50	-	47.28	54.00	6.72
*2 483.61	30.51	Peak	H	28.37	6.50	-	65.38	74.00	8.62
*2 484.01	11.13	Average	H	28.36	6.50	-	45.99	54.00	8.01
*2 500.00	18.55	Peak	H	28.30	6.35	-	53.20	74.00	20.80
*2 500.00	8.32	Average	H	28.30	6.35	-	42.97	54.00	11.03

OFDMA: 802.11ax_HE20_106T_Ant.1

Low Channel (2 412 ㎒)_53 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 310.00	18.43	Peak	H	27.96	8.64	-	55.03	74.00	18.97
*2 310.00	7.89	Average	H	27.96	8.64	-	44.49	54.00	9.51
*2 389.76	23.44	Peak	H	28.19	7.05	-	58.68	74.00	15.32
*2 386.19	9.04	Average	H	28.18	7.05	-	44.26	54.00	9.74
*2 390.00	21.89	Peak	H	28.20	7.04	-	57.13	74.00	16.87
*2 390.00	8.58	Average	H	28.20	7.04	-	43.82	54.00	10.18

High Channel (2 462 ㎒)_54 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 483.50	30.93	Peak	H	28.37	6.50	-	65.80	74.00	8.20
*2 483.50	8.74	Average	H	28.37	6.50	-	43.61	54.00	10.39
*2 483.88	30.85	Peak	H	28.36	6.50	-	65.71	74.00	8.29
*2 484.05	10.21	Average	H	28.35	6.47	-	45.07	54.00	8.93
*2 500.00	19.30	Peak	H	28.30	6.35	-	53.95	74.00	20.05
*2 500.00	8.54	Average	H	28.30	6.35	-	43.19	54.00	10.81

12 Channel (2 467 ㎒)_54 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 483.50	26.13	Peak	H	28.37	6.50	-	61.00	74.00	13.00
*2 483.50	9.02	Average	H	28.37	6.50	-	43.89	54.00	10.11
*2 483.56	25.50	Peak	H	28.37	6.50	-	60.37	74.00	13.63
*2 483.56	9.11	Average	H	28.37	6.50	-	43.98	54.00	10.02
*2 500.00	18.94	Peak	H	28.30	6.35	-	53.59	74.00	20.41
*2 500.00	8.40	Average	H	28.30	6.35	-	43.05	54.00	10.95

13 Channel (2 472 ㎒)_54 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 483.50	31.67	Peak	H	28.37	6.50	-	66.54	74.00	7.46
*2 483.50	11.12	Average	H	28.37	6.50	-	45.99	54.00	8.01
*2 484.01	30.13	Peak	H	28.36	6.50	-	64.99	74.00	9.01
*2 484.41	10.93	Average	H	28.36	6.49	-	45.78	54.00	8.22
*2 500.00	18.79	Peak	H	28.30	6.35	-	53.44	74.00	20.56
*2 500.00	8.52	Average	H	28.30	6.35	-	43.17	54.00	10.83

OFDMA: 802.11ax_HE20_SU_Ant.1

Low Channel (2 412 ㎒)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 310.00	18.85	Peak	H	27.96	8.64	-	55.45	74.00	18.55
*2 310.00	8.08	Average	H	27.96	8.64	-	44.68	54.00	9.32
*2 388.15	21.26	Peak	H	28.18	7.05	-	56.49	74.00	17.51
*2 389.87	9.32	Average	H	28.20	7.04	-	44.56	54.00	9.44
*2 390.00	20.76	Peak	H	28.20	7.04	-	56.00	74.00	18.00
*2 390.00	8.72	Average	H	28.20	7.04	-	43.96	54.00	10.04

High Channel (2 462 ㎒)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 483.50	20.03	Peak	H	28.37	6.50	-	54.90	74.00	19.10
*2 483.50	8.98	Average	H	28.37	6.50	-	43.85	54.00	10.15
*2 498.57	21.60	Peak	H	28.31	6.36	-	56.27	74.00	17.73
*2 484.10	9.28	Average	H	28.36	6.50	-	44.14	54.00	9.86
*2 500.00	19.62	Peak	H	28.30	6.35	-	54.27	74.00	19.73
*2 500.00	8.25	Average	H	28.30	6.35	-	42.90	54.00	11.10

12 Channel (2 467 ㎒)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 483.50	18.51	Peak	H	28.37	6.50	-	53.38	74.00	20.62
*2 483.50	8.36	Average	H	28.37	6.50	-	43.23	54.00	10.77
*2 497.31	19.86	Peak	H	28.31	6.37	-	54.54	74.00	19.46
*2 485.21	8.62	Average	H	28.36	6.49	-	43.47	54.00	10.53
*2 500.00	18.08	Peak	H	28.30	6.35	-	52.73	74.00	21.27
*2 500.00	8.19	Average	H	28.30	6.35	-	42.84	54.00	11.16

13 Channel (2 472 ㎒)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 483.50	29.41	Peak	H	28.37	6.50	-	64.28	74.00	9.72
*2 483.50	14.23	Average	H	28.37	6.50	-	49.10	54.00	4.90
*2 483.56	28.86	Peak	H	28.37	6.50	-	63.73	74.00	10.27
*2 483.56	14.00	Average	H	28.37	6.50	-	48.87	54.00	5.13
*2 500.00	19.41	Peak	H	28.30	6.35	-	54.06	74.00	19.94
*2 500.00	8.35	Average	H	28.30	6.35	-	43.00	54.00	11.00

OFDMA: 802.11ax_HE20_26T_Ant.2

Low Channel (2 412 ㎒)_0 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 310.00	18.38	Peak	H	27.96	8.64	-	54.98	74.00	19.02
*2 310.00	7.54	Average	H	27.96	8.64	-	44.14	54.00	9.86
*2 385.50	21.95	Peak	H	28.16	7.07	-	57.18	74.00	16.82
*2 387.11	9.00	Average	H	28.17	7.06	-	44.23	54.00	9.77
*2 390.00	20.96	Peak	H	28.20	7.04	-	56.20	74.00	17.80
*2 390.00	8.90	Average	H	28.20	7.04	-	44.14	54.00	9.86

High Channel (2 462 ㎒)_8 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 483.50	18.96	Peak	H	28.37	6.50	-	53.83	74.00	20.17
*2 483.50	8.15	Average	H	28.37	6.50	-	43.02	54.00	10.98
*2 491.97	20.69	Peak	H	28.33	6.42	-	55.44	74.00	18.56
*2 484.54	8.69	Average	H	28.36	6.49	-	43.54	54.00	10.46
*2 500.00	18.86	Peak	H	28.30	6.35	-	53.51	74.00	20.49
*2 500.00	8.38	Average	H	28.30	6.35	-	43.03	54.00	10.97

12 Channel (2 467 ㎒)_8 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 483.50	24.70	Peak	H	28.37	6.50	-	59.57	74.00	14.43
*2 483.50	8.52	Average	H	28.37	6.50	-	43.39	54.00	10.61
*2 483.56	25.03	Peak	H	28.37	6.50	-	59.90	74.00	14.10
*2 484.06	9.03	Average	H	28.36	6.50	-	43.89	54.00	10.11
*2 500.00	19.23	Peak	H	28.30	6.35	-	53.88	74.00	20.12
*2 500.00	8.35	Average	H	28.30	6.35	-	43.00	54.00	11.00

13 Channel (2 472 ㎒)_8 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 483.50	36.86	Peak	H	28.37	6.50	-	71.73	74.00	2.27
*2 483.50	13.35	Average	H	28.37	6.50	-	48.22	54.00	5.78
*2 483.56	36.59	Peak	H	28.37	6.50	-	71.46	74.00	2.54
*2 483.81	13.34	Average	H	28.36	6.50	-	48.20	54.00	5.80
*2 500.00	19.40	Peak	H	28.30	6.35	-	54.05	74.00	19.95
*2 500.00	8.45	Average	H	28.30	6.35	-	43.10	54.00	10.90

OFDMA: 802.11ax_HE20_52T_Ant.2

Low Channel (2 412 ㎒)_37 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 310.00	19.49	Peak	H	27.96	8.64	-	56.09	74.00	17.91
*2 310.00	7.74	Average	H	27.96	8.64	-	44.34	54.00	9.66
*2 389.64	21.44	Peak	H	28.20	7.04	-	56.68	74.00	17.32
*2 384.58	8.83	Average	H	28.15	7.07	-	44.05	54.00	9.95
*2 390.00	20.80	Peak	H	28.20	7.04	-	56.04	74.00	17.96
*2 390.00	8.31	Average	H	28.20	7.04	-	43.55	54.00	10.45

High Channel (2 462 ㎒)_40 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 483.50	18.74	Peak	H	28.37	6.50	-	53.61	74.00	20.39
*2 483.50	8.48	Average	H	28.37	6.50	-	43.35	54.00	10.65
*2 493.51	20.44	Peak	H	28.33	6.41	-	55.18	74.00	18.82
*2 483.88	8.67	Average	H	28.36	6.50	-	43.53	54.00	10.47
*2 500.00	18.99	Peak	H	28.30	6.35	-	53.64	74.00	20.36
*2 500.00	8.37	Average	H	28.30	6.35	-	43.02	54.00	10.98

12 Channel (2 467 ㎒)_40 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 483.50	24.22	Peak	H	28.37	6.50	-	59.09	74.00	14.91
*2 483.50	8.80	Average	H	28.37	6.50	-	43.67	54.00	10.33
*2 483.56	23.68	Peak	H	28.37	6.50	-	58.55	74.00	15.45
*2 484.16	9.01	Average	H	28.36	6.50	-	43.87	54.00	10.13
*2 500.00	18.59	Peak	H	28.30	6.35	-	53.24	74.00	20.76
*2 500.00	8.38	Average	H	28.30	6.35	-	43.03	54.00	10.97

13 Channel (2 472 ㎒)_40 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 483.50	33.94	Peak	H	28.37	6.50	-	68.81	74.00	5.19
*2 483.50	13.96	Average	H	28.37	6.50	-	48.83	54.00	5.17
*2 483.81	34.32	Peak	H	28.36	6.50	-	69.18	74.00	4.82
*2 483.86	12.79	Average	H	28.36	6.50	-	47.65	54.00	6.35
*2 500.00	19.00	Peak	H	28.30	6.35	-	53.65	74.00	20.35
*2 500.00	8.29	Average	H	28.30	6.35	-	42.94	54.00	11.06

OFDMA: 802.11ax_HE20_106T_Ant.2

Low Channel (2 412 ㎒)_53 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 310.00	19.18	Peak	H	27.96	8.64	-	55.78	74.00	18.22
*2 310.00	7.68	Average	H	27.96	8.64	-	44.28	54.00	9.72
*2 388.95	28.65	Peak	H	28.19	7.05	-	63.89	74.00	10.11
*2 388.26	9.27	Average	H	28.18	7.05	-	44.50	54.00	9.50
*2 390.00	29.03	Peak	H	28.20	7.04	-	64.27	74.00	9.73
*2 390.00	9.09	Average	H	28.20	7.04	-	44.33	54.00	9.67

High Channel (2 462 ㎒)_54 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 483.50	27.76	Peak	H	28.37	6.50	-	62.63	74.00	11.37
*2 483.50	8.58	Average	H	28.37	6.50	-	43.45	54.00	10.55
*2 484.05	27.53	Peak	H	28.36	6.50	-	62.39	74.00	11.61
*2 486.63	8.87	Average	H	28.35	6.47	-	43.69	54.00	10.31
*2 500.00	19.27	Peak	H	28.30	6.35	-	53.92	74.00	20.08
*2 500.00	8.67	Average	H	28.30	6.35	-	43.32	54.00	10.68

12 Channel (2 467 ㎒)_54 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 483.50	21.71	Peak	H	28.37	6.50	-	56.58	74.00	17.42
*2 483.50	9.08	Average	H	28.37	6.50	-	43.95	54.00	10.05
*2 483.71	21.63	Peak	H	28.37	6.50	-	56.50	74.00	17.50
*2 483.56	8.75	Average	H	28.37	6.50	-	43.62	54.00	10.38
*2 500.00	19.44	Peak	H	28.30	6.35	-	54.09	74.00	19.91
*2 500.00	8.02	Average	H	28.30	6.35	-	42.67	54.00	11.33

13 Channel (2 472 ㎒)_54 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 483.50	34.19	Peak	H	28.37	6.50	-	69.06	74.00	4.94
*2 483.50	11.26	Average	H	28.37	6.50	-	46.13	54.00	7.87
*2 483.56	34.43	Peak	H	28.37	6.50	-	69.30	74.00	4.70
*2 484.46	12.79	Average	H	28.36	6.49	-	47.64	54.00	6.36
*2 500.00	18.83	Peak	H	28.30	6.35	-	53.48	74.00	20.52
*2 500.00	8.45	Average	H	28.30	6.35	-	43.10	54.00	10.90

OFDMA: 802.11ax_HE20_SU_Ant.2

Low Channel (2 412 ㎒)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 310.00	18.84	Peak	H	27.96	8.64	-	55.44	74.00	18.56
*2 310.00	8.02	Average	H	27.96	8.64	-	44.62	54.00	9.38
*2 388.03	20.31	Peak	H	28.18	7.05	-	55.54	74.00	18.46
*2 387.80	8.96	Average	H	28.18	7.05	-	44.19	54.00	9.81
*2 390.00	19.93	Peak	H	28.20	7.04	-	55.17	74.00	18.83
*2 390.00	8.71	Average	H	28.20	7.04	-	43.95	54.00	10.05

High Channel (2 462 ㎒)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 483.50	20.21	Peak	H	28.37	6.50	-	55.08	74.00	18.92
*2 483.50	8.78	Average	H	28.37	6.50	-	43.65	54.00	10.35
*2 495.05	21.03	Peak	H	28.32	6.40	-	55.75	74.00	18.25
*2 485.97	9.07	Average	H	28.36	6.48	-	43.91	54.00	10.09
*2 500.00	18.30	Peak	H	28.30	6.35	-	52.95	74.00	21.05
*2 500.00	8.57	Average	H	28.30	6.35	-	43.22	54.00	10.78

12 Channel (2 467 ㎒)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 483.50	17.74	Peak	H	28.37	6.50	-	52.61	74.00	21.39
*2 483.50	8.26	Average	H	28.37	6.50	-	43.13	54.00	10.87
*2 489.11	19.91	Peak	H	28.34	6.45	-	54.70	74.00	19.30
*2 485.91	8.77	Average	H	28.36	6.48	-	43.61	54.00	10.39
*2 500.00	17.34	Peak	H	28.30	6.35	-	51.99	74.00	22.01
*2 500.00	8.37	Average	H	28.30	6.35	-	43.02	54.00	10.98

13 Channel (2 472 ㎒)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 483.50	25.10	Peak	H	28.37	6.50	-	59.97	74.00	14.03
*2 483.50	12.54	Average	H	28.37	6.50	-	47.41	54.00	6.59
*2 483.61	25.60	Peak	H	28.37	6.50	-	60.47	74.00	13.53
*2 483.61	12.18	Average	H	28.37	6.50	-	47.05	54.00	6.95
*2 500.00	18.70	Peak	H	28.30	6.35	-	53.35	74.00	20.65
*2 500.00	8.17	Average	H	28.30	6.35	-	42.82	54.00	11.18

OFDMA: 802.11ax_HE20_26T_Ant.1+Ant.2

Low Channel (2 412 ㎒)_0 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 310.00	18.18	Peak	H	27.96	8.64	-	54.78	74.00	19.22
*2 310.00	7.88	Average	H	27.96	8.64	-	44.48	54.00	9.52
*2 389.87	24.45	Peak	H	28.20	7.04	-	59.69	74.00	14.31
*2 389.41	9.18	Average	H	28.19	7.04	-	44.41	54.00	9.59
*2 390.00	24.89	Peak	H	28.20	7.04	-	60.13	74.00	13.87
*2 390.00	8.73	Average	H	28.20	7.04	-	43.97	54.00	10.03

High Channel (2 462 ㎒)_8 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 483.50	18.70	Peak	H	28.37	6.50	-	53.57	74.00	20.43
*2 483.50	8.98	Average	H	28.37	6.50	-	43.85	54.00	10.15
*2 484.65	22.36	Peak	H	28.36	6.49	-	57.21	74.00	16.79
*2 483.88	9.39	Average	H	28.36	6.50	-	44.25	54.00	9.75
*2 500.00	19.49	Peak	H	28.30	6.35	-	54.14	74.00	19.86
*2 500.00	8.25	Average	H	28.30	6.35	-	42.90	54.00	11.10

12 Channel (2 467 ㎒)_8 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 483.50	32.25	Peak	H	28.37	6.50	-	67.12	74.00	6.88
*2 483.50	10.16	Average	H	28.37	6.50	-	45.03	54.00	8.97
*2 483.56	31.35	Peak	H	28.37	6.50	-	66.22	74.00	7.78
*2 483.71	10.61	Average	H	28.37	6.50	-	45.48	54.00	8.52
*2 500.00	18.38	Peak	H	28.30	6.35	-	53.03	74.00	20.97
*2 500.00	7.89	Average	H	28.30	6.35	-	42.54	54.00	11.46

13 Channel (2 472 ㎒)_8 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 483.50	35.57	Peak	H	28.37	6.50	-	70.44	74.00	3.56
*2 483.50	13.89	Average	H	28.37	6.50	-	48.76	54.00	5.24
*2 483.55	35.85	Peak	H	28.37	6.50	-	70.72	74.00	3.28
*2 483.55	13.84	Average	H	28.37	6.50	-	48.71	54.00	5.29
*2 500.00	18.62	Peak	H	28.30	6.35	-	53.27	74.00	20.73
*2 500.00	8.21	Average	H	28.30	6.35	-	42.86	54.00	11.14

OFDMA: 802.11ax_HE20_52T_Ant.1+Ant.2

Low Channel (2 412 ㎒)_37 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 310.00	19.00	Peak	H	27.96	8.64	-	55.60	74.00	18.40
*2 310.00	7.92	Average	H	27.96	8.64	-	44.52	54.00	9.48
*2 388.61	22.73	Peak	H	28.19	7.05	-	57.97	74.00	16.03
*2 388.72	9.16	Average	H	28.19	7.05	-	44.40	54.00	9.60
*2 390.00	22.81	Peak	H	28.20	7.04	-	58.05	74.00	15.95
*2 390.00	8.93	Average	H	28.20	7.04	-	44.17	54.00	9.83

High Channel (2 462 ㎒)_40 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 483.50	20.02	Peak	H	28.37	6.50	-	54.89	74.00	19.11
*2 483.50	8.12	Average	H	28.37	6.50	-	42.99	54.00	11.01
*2 485.26	24.16	Peak	H	28.36	6.49	-	59.01	74.00	14.99
*2 486.58	9.49	Average	H	28.35	6.47	-	44.31	54.00	9.69
*2 500.00	18.89	Peak	H	28.30	6.35	-	53.54	74.00	20.46
*2 500.00	8.26	Average	H	28.30	6.35	-	42.91	54.00	11.09

12 Channel (2 467 ㎒)_40 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 483.50	27.53	Peak	H	28.37	6.50	-	62.40	74.00	11.60
*2 483.50	10.33	Average	H	28.37	6.50	-	45.20	54.00	8.80
*2 483.56	28.38	Peak	H	28.37	6.50	-	63.25	74.00	10.75
*2 483.56	10.20	Average	H	28.37	6.50	-	45.07	54.00	8.93
*2 500.00	18.29	Peak	H	28.30	6.35	-	52.94	74.00	21.06
*2 500.00	7.92	Average	H	28.30	6.35	-	42.57	54.00	11.43

13 Channel (2 472 ㎒)_40 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 483.50	33.71	Peak	H	28.37	6.50	-	68.58	74.00	5.42
*2 483.50	11.33	Average	H	28.37	6.50	-	46.20	54.00	7.80
*2 483.55	32.47	Peak	H	28.37	6.50	-	67.34	74.00	6.66
*2 484.09	12.44	Average	H	28.36	6.50	-	47.30	54.00	6.70
*2 500.00	18.63	Peak	H	28.30	6.35	-	53.28	74.00	20.72
*2 500.00	8.59	Average	H	28.30	6.35	-	43.24	54.00	10.76

OFDMA: 802.11ax_HE20_106T_Ant.1+Ant.2

Low Channel (2 412 ㎒)_53 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 310.00	18.61	Peak	H	27.96	8.64	-	55.21	74.00	18.79
*2 310.00	8.16	Average	H	27.96	8.64	-	44.76	54.00	9.24
*2 389.87	25.06	Peak	H	28.20	7.04	-	60.30	74.00	13.70
*2 388.95	9.54	Average	H	28.19	7.05	-	44.78	54.00	9.22
*2 390.00	27.08	Peak	H	28.20	7.04	-	62.32	74.00	11.68
*2 390.00	8.68	Average	H	28.20	7.04	-	43.92	54.00	10.08

High Channel (2 462 ㎒)_54 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 483.50	27.51	Peak	H	28.37	6.50	-	62.38	74.00	11.62
*2 483.50	9.19	Average	H	28.37	6.50	-	44.06	54.00	9.94
*2 485.26	31.59	Peak	H	28.36	6.49	-	66.44	74.00	7.56
*2 485.48	12.46	Average	H	28.36	6.48	-	47.30	54.00	6.70
*2 500.00	19.51	Peak	H	28.30	6.35	-	54.16	74.00	19.84
*2 500.00	8.30	Average	H	28.30	6.35	-	42.95	54.00	11.05

12 Channel (2 467 ㎒)_54 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 483.50	25.83	Peak	H	28.37	6.50	-	60.70	74.00	13.30
*2 483.50	9.62	Average	H	28.37	6.50	-	44.49	54.00	9.51
*2 484.16	27.76	Peak	H	28.36	6.50	-	62.62	74.00	11.38
*2 483.56	9.71	Average	H	28.37	6.50	-	44.58	54.00	9.42
*2 500.00	18.64	Peak	H	28.30	6.35	-	53.29	74.00	20.71
*2 500.00	7.92	Average	H	28.30	6.35	-	42.57	54.00	11.43

13 Channel (2 472 ㎒)_54 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 483.50	31.90	Peak	H	28.37	6.50	-	66.77	74.00	7.23
*2 483.70	12.81	Average	H	28.37	6.50	-	47.68	54.00	6.32
*2 483.55	33.33	Peak	H	28.37	6.50	-	68.20	74.00	5.80
*2 483.86	13.08	Average	H	28.36	6.50	-	47.94	54.00	6.06
*2 500.00	17.46	Peak	H	28.30	6.35	-	52.11	74.00	21.89
*2 500.00	8.20	Average	H	28.30	6.35	-	42.85	54.00	11.15

OFDMA: 802.11ax_HE20_SU_Ant.1+Ant.2

Low Channel (2 412 ㎒)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 310.00	20.51	Peak	H	27.96	8.64	-	57.11	74.00	16.89
*2 310.00	7.39	Average	H	27.96	8.64	-	43.99	54.00	10.01
*2 389.53	21.21	Peak	H	28.20	7.04	-	56.45	74.00	17.55
*2 388.84	9.54	Average	H	28.19	7.05	-	44.78	54.00	9.22
*2 390.00	20.15	Peak	H	28.20	7.04	-	55.39	74.00	18.61
*2 390.00	9.43	Average	H	28.20	7.04	-	44.67	54.00	9.33

High Channel (2 462 ㎒)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 483.50	19.82	Peak	H	28.37	6.50	-	54.69	74.00	19.31
*2 483.50	8.70	Average	H	28.37	6.50	-	43.57	54.00	10.43
*2 484.54	20.99	Peak	H	28.36	6.49	-	55.84	74.00	18.16
*2 485.81	9.53	Average	H	28.36	6.48	-	44.37	54.00	9.63
*2 500.00	19.91	Peak	H	28.30	6.35	-	54.56	74.00	19.44
*2 500.00	8.90	Average	H	28.30	6.35	-	43.55	54.00	10.45

12 Channel (2 467 ㎒)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 483.50	19.19	Peak	H	28.37	6.50	-	54.06	74.00	19.94
*2 483.50	8.32	Average	H	28.37	6.50	-	43.19	54.00	10.81
*2 497.61	20.30	Peak	H	28.31	6.37	-	54.98	74.00	19.02
*2 488.41	8.97	Average	H	28.35	6.46	-	43.78	54.00	10.22
*2 500.00	18.82	Peak	H	28.30	6.35	-	53.47	74.00	20.53
*2 500.00	8.10	Average	H	28.30	6.35	-	42.75	54.00	11.25

13 Channel (2 472 ㎒)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
*2 483.50	31.87	Peak	H	28.37	6.50	-	66.74	74.00	7.26
*2 483.50	16.07	Average	H	28.37	6.50	-	50.94	54.00	3.06
*2 483.91	30.83	Peak	H	28.36	6.50	-	65.69	74.00	8.31
*2 483.59	16.21	Average	H	28.37	6.50	-	51.08	54.00	2.92
*2 500.00	18.77	Peak	H	28.30	6.35	-	53.42	74.00	20.58
*2 500.00	8.23	Average	H	28.30	6.35	-	42.88	54.00	11.12

- Spurious

OFDMA: 802.11ax_HE20_26T_Ant.1

Low Channel (2 412 ㎒)_0 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

Middle Channel (2 437 ㎒)_4 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

High channel (2 462 ㎒)_8 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

OFDMA: 802.11ax_HE20_52T_Ant.1

Low Channel (2 412 ㎒)_37 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

Middle Channel (2 437 ㎒)_38 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

High channel (2 462 ㎒)_40 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

OFDMA: 802.11ax_HE20_106T_Ant.1

Low Channel (2 412 ㎒)_53 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

Middle Channel (2 437 ㎒)_53 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

High channel (2 462 ㎒)_54 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

OFDMA: 802.11ax_HE20_SU_Ant.1

Low Channel (2 412 ㎒)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

Middle Channel (2 437 ㎒)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

High channel (2 462 ㎒)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

OFDMA: 802.11ax_HE20_26T_Ant.2

Low Channel (2 412 ㎒)_0 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

Middle Channel (2 437 ㎒)_4 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

High channel (2 462 ㎒)_8 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

OFDMA: 802.11ax_HE20_52T_Ant.2

Low Channel (2 412 ㎒)_37 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

Middle Channel (2 437 ㎒)_38 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

High channel (2 462 ㎒)_40 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

OFDMA: 802.11ax_HE20_106T_Ant.2

Low Channel (2 412 ㎒)_53 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

Middle Channel (2 437 ㎒)_53 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

High channel (2 462 ㎒)_54 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

OFDMA: 802.11ax_HE20_SU_Ant.2

Low Channel (2 412 ㎒)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

Middle Channel (2 437 ㎒)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

High channel (2 462 ㎒)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

OFDMA: 802.11ax_HE20_26T_Ant.1+Ant.2

Low Channel (2 412 ㎒)_0 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

Middle Channel (2 437 ㎒)_4 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

High channel (2 462 ㎒)_8 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

OFDMA: 802.11ax_HE20_52T_Ant.1+Ant.2

Low Channel (2 412 ㎒)_37 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

Middle Channel (2 437 ㎒)_38 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

High channel (2 462 ㎒)_40 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

OFDMA: 802.11ax_HE20_106T_Ant.1+Ant.2

Low Channel (2 412 ㎒)_53 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

Middle Channel (2 437 ㎒)_53 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

High channel (2 462 ㎒)_54 RU

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

OFDMA: 802.11ax_HE20_SU_Ant.1+Ant.2

Low Channel (2 412 ㎒)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

Middle Channel (2 437 ㎒)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

High channel (2 462 ㎒)

Radiated Emissions			Ant.	Correction Factors			Total	Limit	
Frequency (㎒)	Reading (dB㎶)	Detect Mode	Pol.	AF (dB/m)	AMP+CL (dB)	DF (dB)	Actual (dB㎶/m)	Limit (dB㎶/m)	Margin (dB)
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

Remarks;

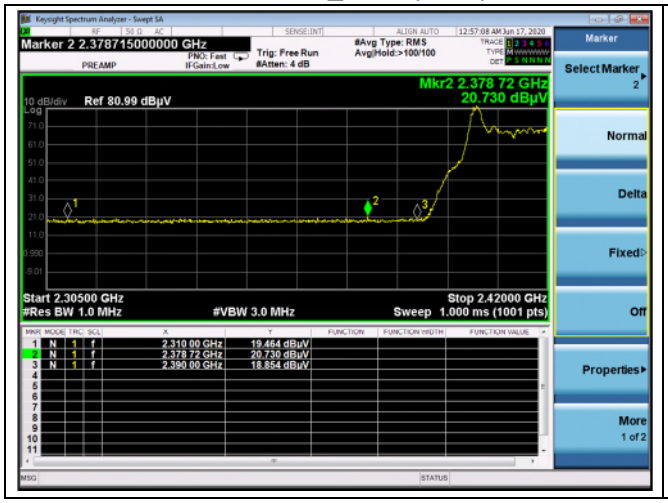
1. "*" means the restricted band.
2. Measuring frequencies from 1 ㎓ to the 10th harmonic of highest fundamental frequency.
3. Radiated emissions measured in frequency above 1 000 ㎒ were made with an instrument using peak/average detector mode.
4. Actual = Reading + AF + CL + (DF) or Reading + AF + AMP + CL + (DF).
5. According to § 15.31(o), emission levels are not reported much lower than the limits by over 20 ㏈.
6. The maximized peak measured value complies with the average limit, to perform an average measurement is unnecessary.

- Test plots (Band-edge)

Ant.1

OFDMA: 802.11ax_HE20_26T

Low channel_0 RU (Peak)



Low channel_0 RU (Average)

High channel_8 RU (Peak)

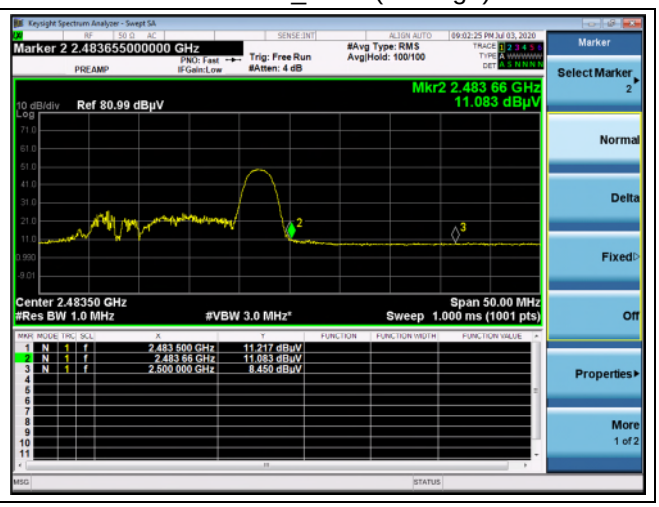
High channel_8 RU (Average)

12 channel_8 RU (Peak)

12 channel_8 RU (Average)

13 channel_8 RU (Peak)

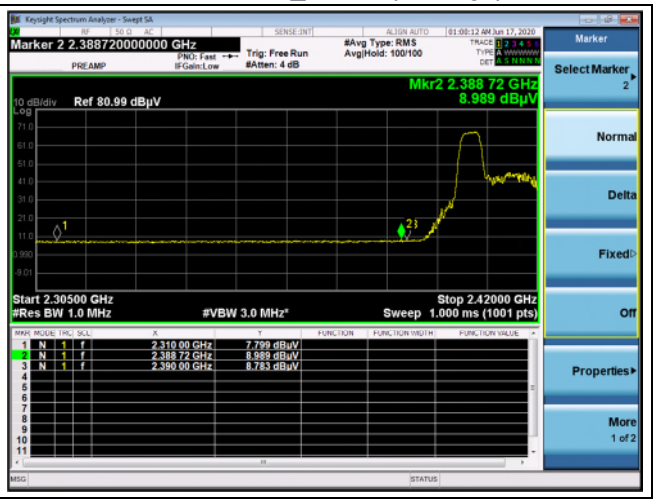
13 channel_8 RU (Average)



OFDMA: 802.11ax_HE20_52T

Low channel_37 RU (Peak)

Low channel_37 RU (Average)

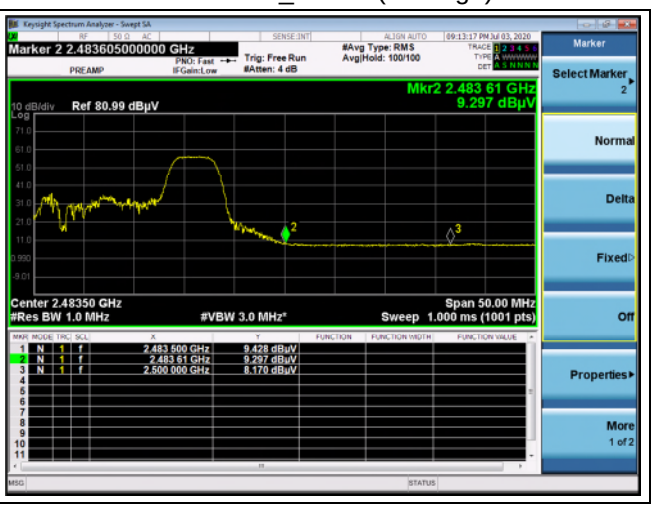


High channel_40 RU (Peak)

High channel_40 RU (Average)

12 channel_40 RU (Peak)

12 channel_40 RU (Average)



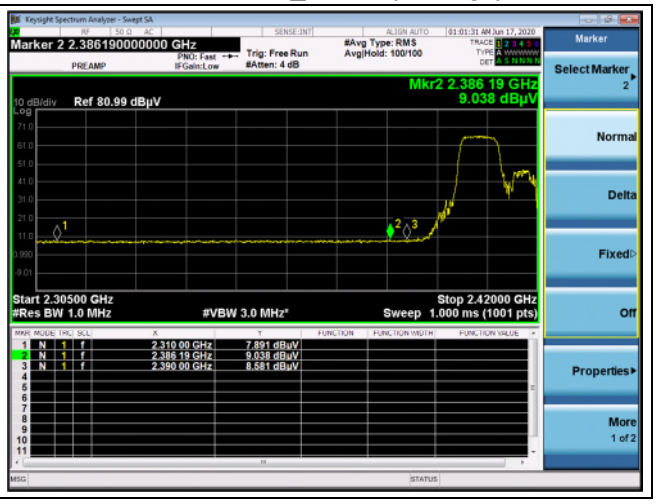
13 channel_40 RU (Peak)

13 channel_40 RU (Average)

OFDMA: 802.11ax_HE20_106T

Low channel_53 RU (Peak)

Low channel_53 RU (Average)

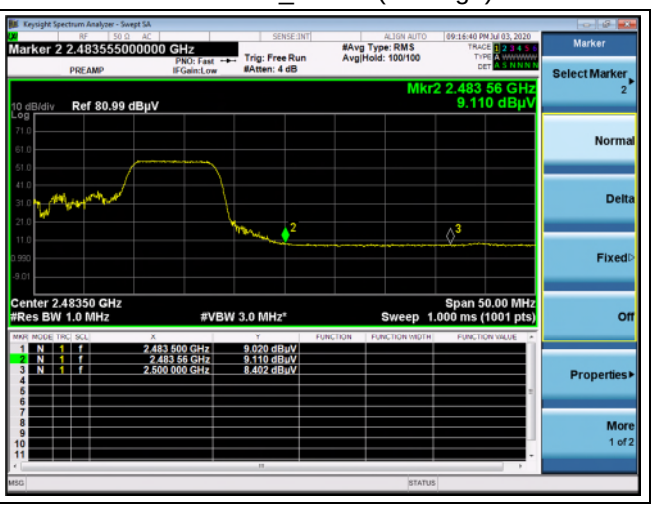


High channel_54 RU (Peak)

High channel_54 RU (Average)

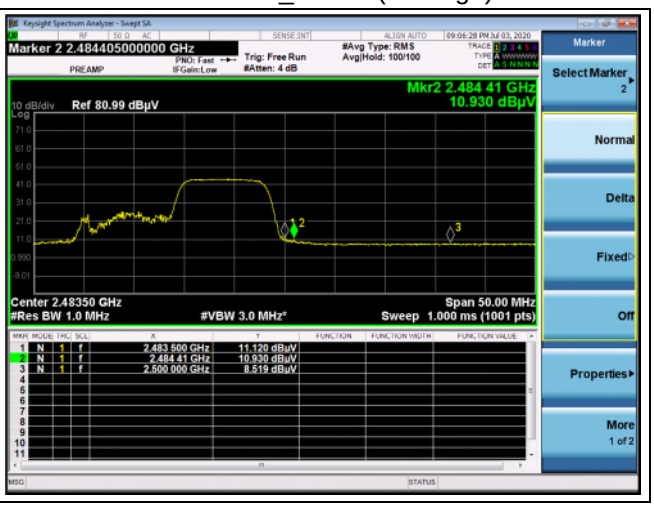
12 channel_54 RU (Peak)

12 channel_54 RU (Average)



13 channel_54 RU (Peak)

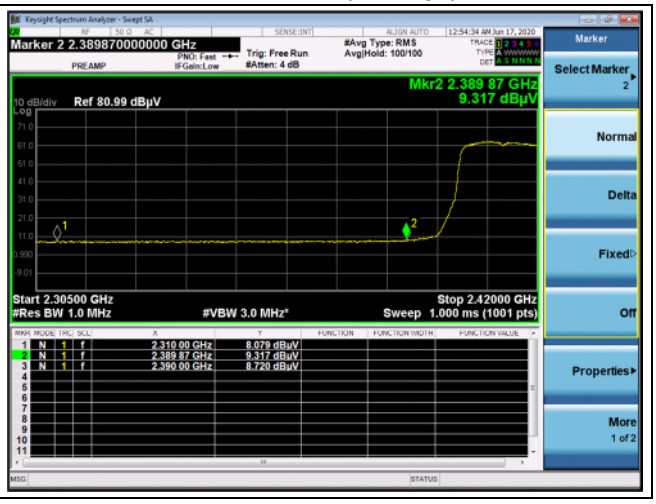
13 channel_54 RU (Average)



OFDMA: 802.11ax_HE20_SU

Low channel (Peak)

Low channel (Average)



High channel (Peak)

High channel (Average)

12 channel (Peak)

12 channel (Average)

13 channel (Peak)

13 channel (Average)

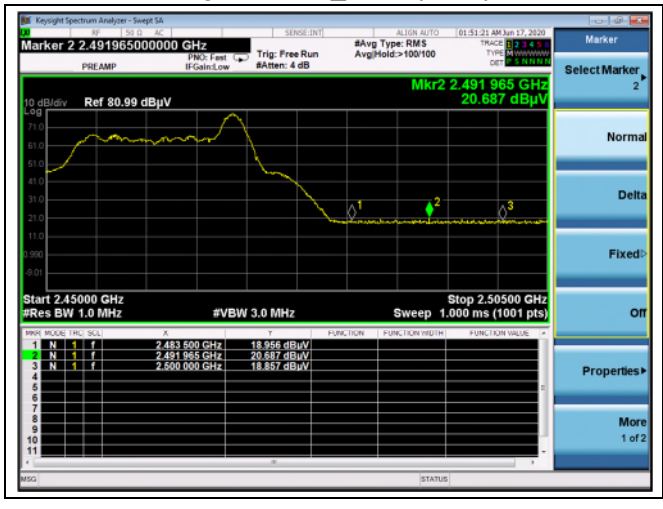
Ant.2

OFDMA: 802.11ax_HE20_26T

Low channel_0 RU (Peak)

Low channel_0 RU (Average)

High channel_8 RU (Peak)



High channel_8 RU (Average)