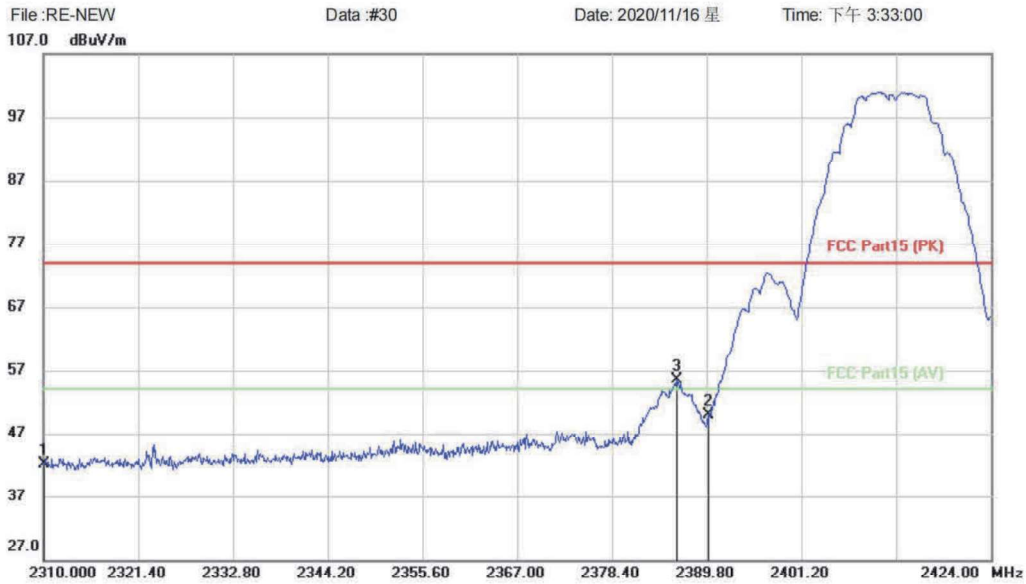


[TestMode: TX]; [Polarity: Vertical]

Radiated Emission Measurement



Site: Polarization: **Vertical** Temperature: Humidity: %
 Limit: FCC Part15 (PK) Power: Distance: 3m
 EUT: router
 M/N: MK600
 Mode: BD-B-2412
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1		2310.000	56.35	-14.30	42.05	74.00	-31.95	peak			
2		2390.000	63.78	-13.95	49.83	74.00	-24.17	peak			
3	*	2386.152	69.52	-13.96	55.56	74.00	-18.44	peak			

*:Maximum data x:Over limit !:over margin

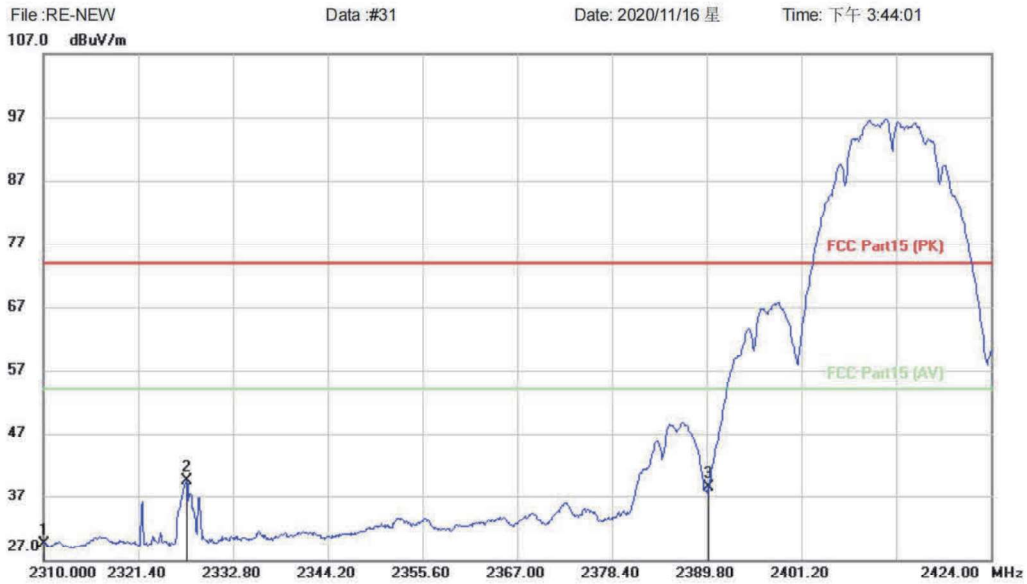
<Reference Only

Test Result: Pass

AVG Value:

[TestMode: TX]; [Polarity: Vertical]

Radiated Emission Measurement



File: RE-NEW Data: #31 Date: 2020/11/16 星 Time: 下午 3:44:01
107.0 dBuV/m

Site: Polarization: **Vertical** Temperature: °C
Limit: FCC Part15 (PK) Power: Humidity: %
EUT: router Distance: 3m
M/N: MK600
Mode: BD-B-2412
Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1		2310.000	43.81	-14.30	29.51	54.00	-24.49	AVG			
2	*	2327.214	53.79	-14.23	39.56	54.00	-14.44	AVG			
3		2390.000	52.36	-13.95	38.41	54.00	-15.59	AVG			

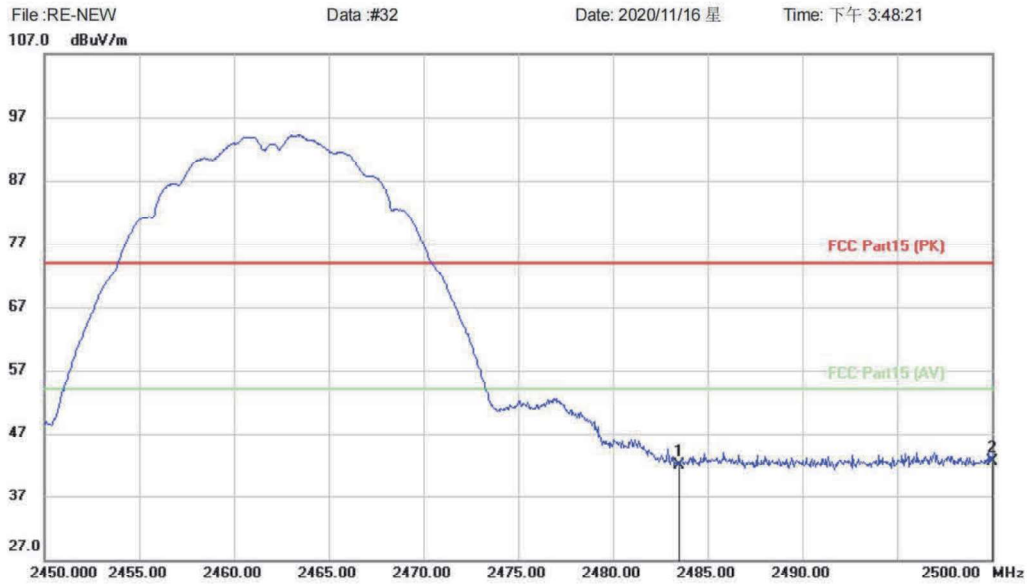
*:Maximum data x:Over limit !:over margin

⟨Reference Only

Test Result: Pass

Highest channel

[TestMode: TX]; [Polarity: Horizontal]

Radiated Emission Measurement


Site	Polarization: Horizontal	Temperature:
Limit: FCC Part15 (PK)	Power:	Humidity: %
EUT: router	Distance: 3m	
M/N: MK600		
Mode: BD-B-2462		
Note:		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2483.500	55.10	-13.11	41.99	74.00	-32.01	peak		
2	*	2500.000	55.53	-13.02	42.51	74.00	-31.49	peak		

*:Maximum data x:Over limit !:over margin

<Reference Only

Test Result: Pass

[TestMode: TX]; [Polarity: Vertical]

Radiated Emission Measurement



Site	Polarization: Vertical	Temperature:
Limit: FCC Part15 (PK)	Power:	Humidity: %
EUT: router	Distance: 3m	
M/N: MK600		
Mode: BD-B-2462		
Note:		

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree	Comment
1	*	2483.500	62.19	-13.50	48.69	74.00	-25.31	peak		
2		2500.000	60.81	-13.42	47.39	74.00	-26.61	peak		

*:Maximum data x:Over limit !:over margin

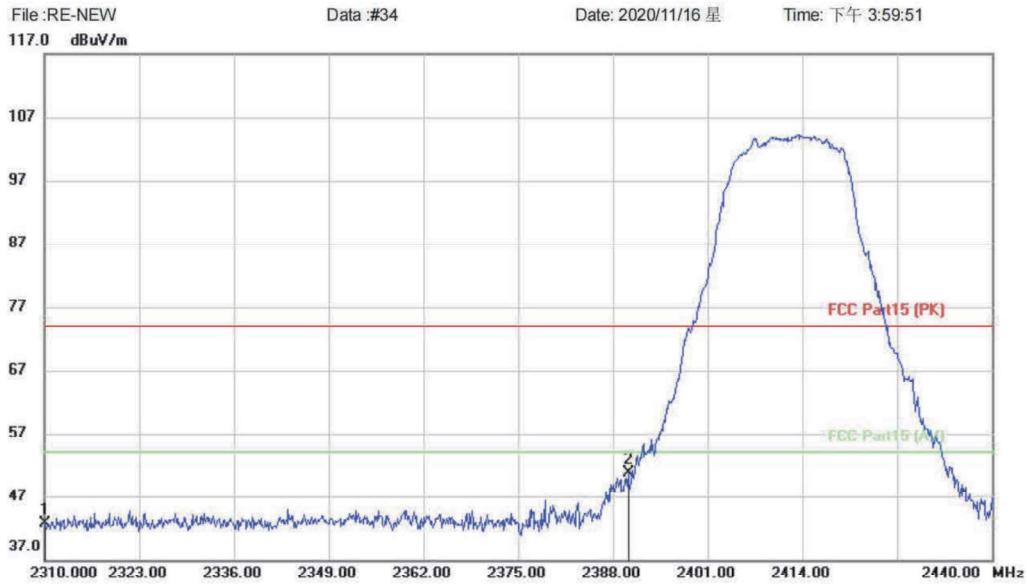
<Reference Only

Test Result: Pass

802.11g: lowest channel

[TestMode: TX]; [Polarity: Horizontal]

Radiated Emission Measurement



Site	Polarization: Horizontal	Temperature:
Limit: FCC Part15 (PK)	Power:	Humidity: %
EUT: router	Distance: 3m	
M/N: MK600		
Mode: BD-G-2412		
Note:		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2310.000	56.65	-14.01	42.64	74.00	-31.36	peak		
2	*	2390.000	64.42	-13.62	50.80	74.00	-23.20	peak		

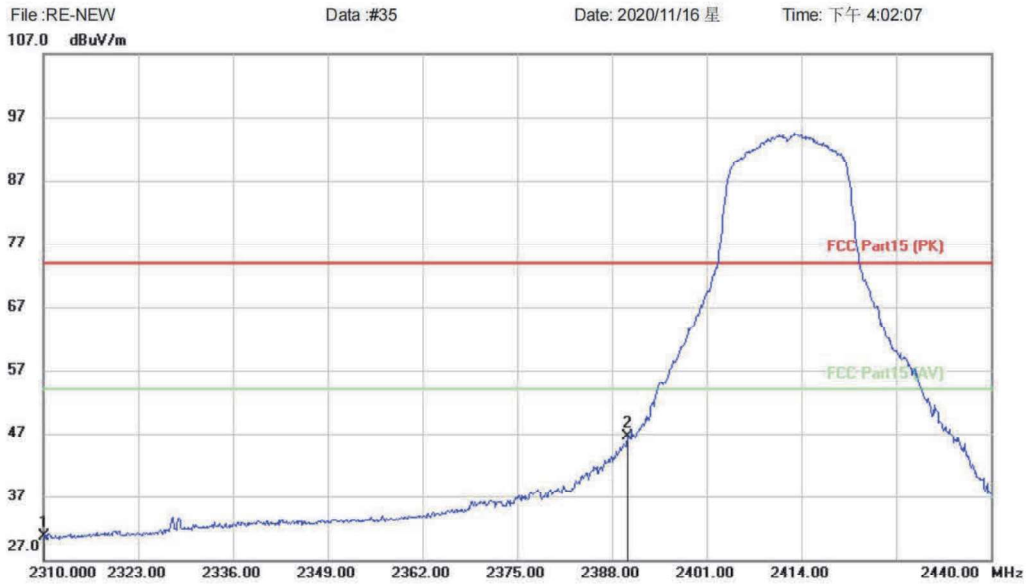
*:Maximum data x:Over limit !:over margin

<Reference Only

Test Result: Pass

[TestMode: TX]; [Polarity: Horizontal]

Radiated Emission Measurement



Site	Polarization: Horizontal	Temperature:
Limit: FCC Part15 (PK)	Power:	Humidity: %
EUT: router	Distance: 3m	
M/N: MK600		
Mode: BD-G-2412		
Note:		

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1		2310.000	44.65	-14.01	30.64	54.00	-23.36	AVG			
2	*	2390.000	60.17	-13.62	46.55	54.00	-7.45	AVG			

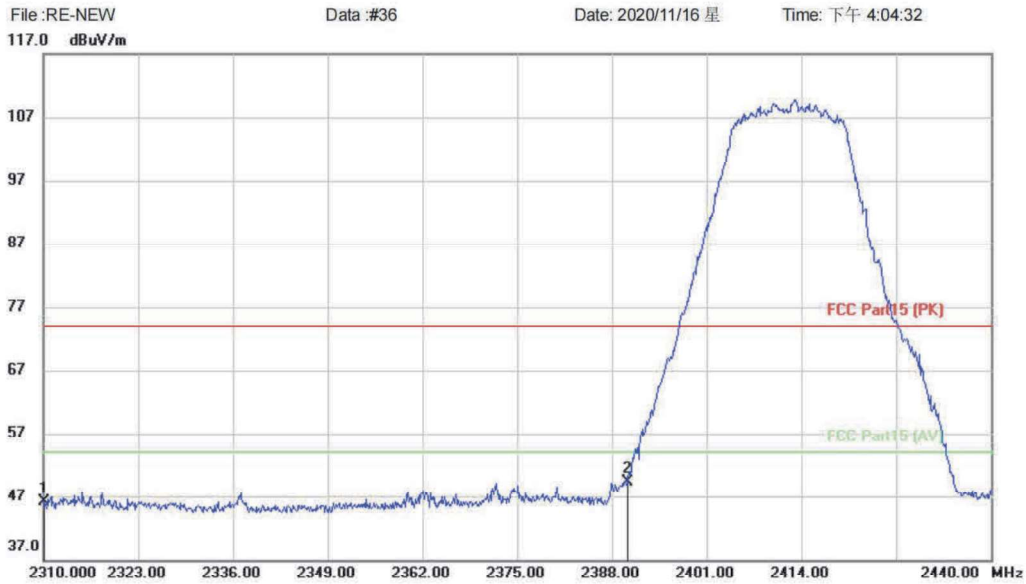
*:Maximum data x:Over limit !:over margin

⟨Reference Only

Test Result: Pass

[TestMode: TX]; [Polarity: Vertical]

Radiated Emission Measurement



Site: Polarization: **Vertical** Temperature: Humidity: %
 Limit: FCC Part15 (PK) Power: Distance: 3m
 EUT: router
 M/N: MK600
 Mode: BD-G-2412
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree	Comment
1		2310.000	60.39	-14.30	46.09	74.00	-27.91	peak		
2	*	2390.000	63.26	-13.95	49.31	74.00	-24.69	peak		

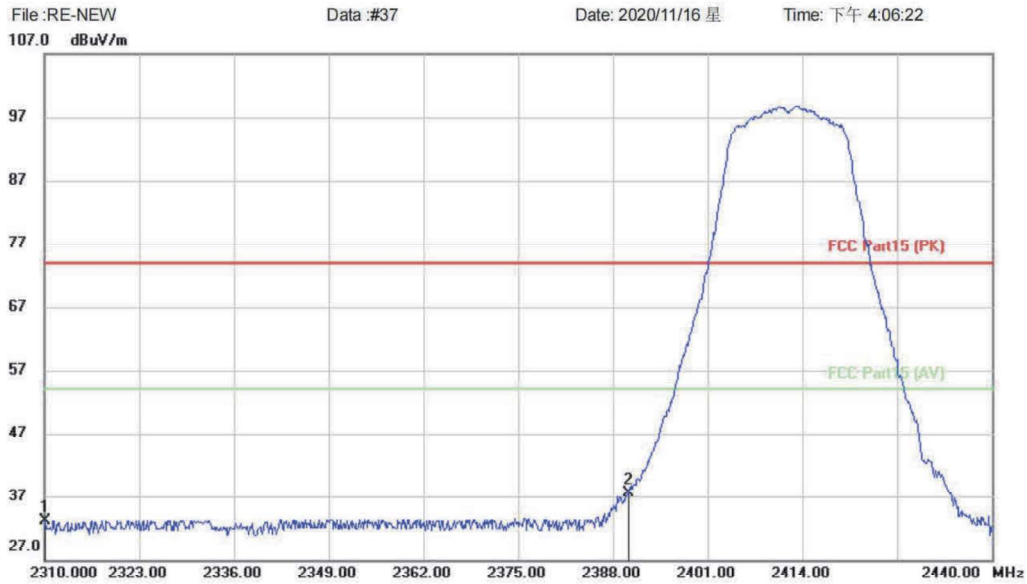
*:Maximum data x:Over limit !:over margin

<Reference Only

Test Result: Pass

[TestMode: TX]; [Polarity: Vertical]

Radiated Emission Measurement



Site	Polarization: Vertical	Temperature:
Limit: FCC Part15 (PK)	Power:	Humidity: %
EUT: router	Distance: 3m	
M/N: MK600		
Mode: BD-G-2412		
Note:		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2310.000	47.46	-14.30	33.16	54.00	-20.84	AVG		
2	*	2390.000	51.51	-13.95	37.56	54.00	-16.44	AVG		

*:Maximum data x:Over limit !:over margin

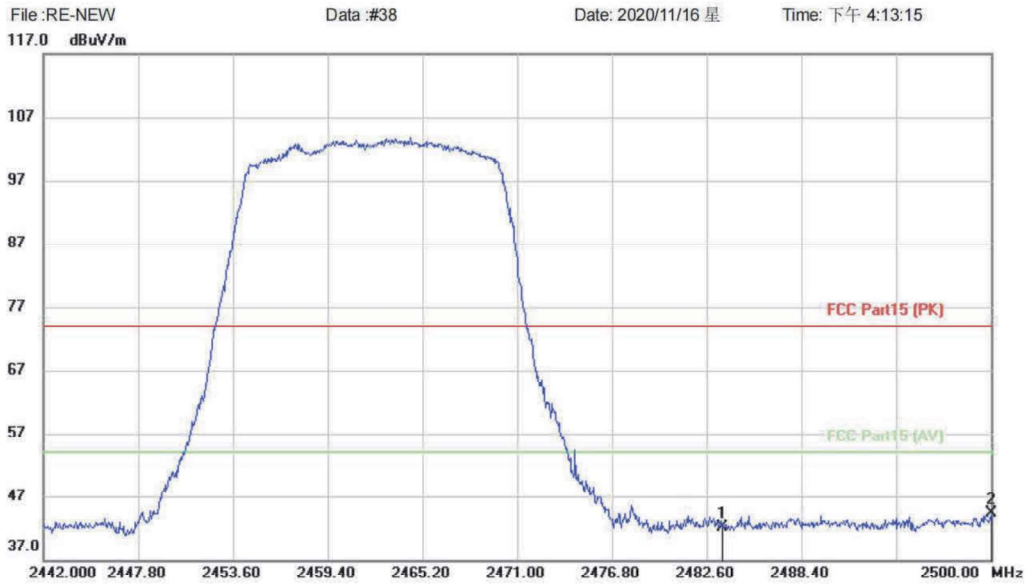
(Reference Only)

Test Result: Pass

Highest channel:

[TestMode: TX]; [Polarity: Horizontal]

Radiated Emission Measurement



Site: Polarization: **Horizontal** Temperature:
Limit: FCC Part15 (PK) Power: Humidity: %
EUT: router Distance: 3m
M/N: MK600
Mode: BD-G-2462
Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1		2483.500	55.24	-13.11	42.13	74.00	-31.87	peak			
2	*	2500.000	57.29	-13.02	44.27	74.00	-29.73	peak			

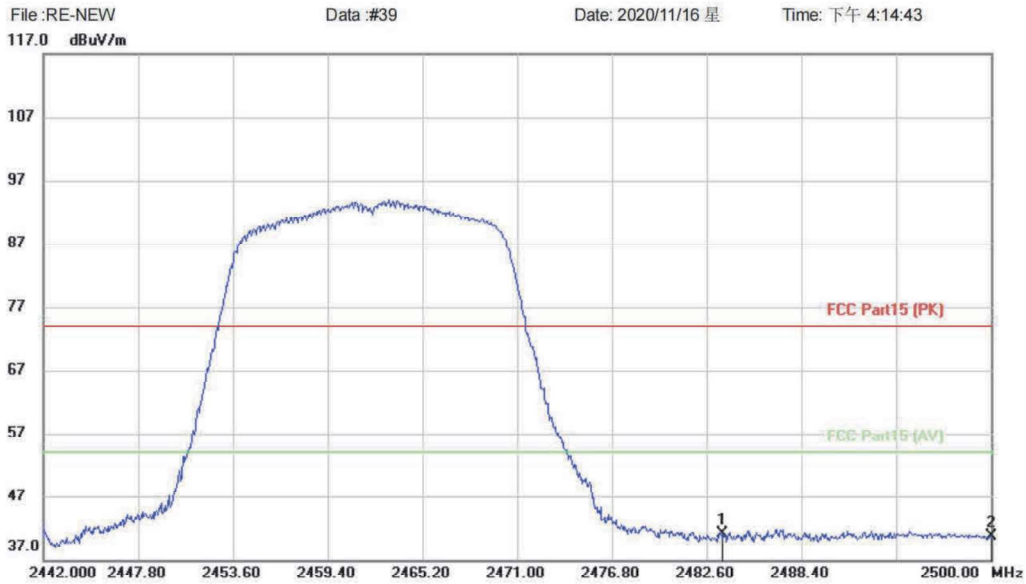
*:Maximum data x:Over limit !:over margin

<Reference Only

Test Result: Pass

[TestMode: TX]; [Polarity: Horizontal]

Radiated Emission Measurement



Site: Polarization: **Horizontal** Temperature: Humidity: %
 Limit: FCC Part15 (PK) Power: Distance: 3m
 EUT: router
 M/N: MK600
 Mode: BD-G-2462
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1	*	2483.500	54.19	-13.11	41.08	54.00	-12.92	AVG			
2		2500.000	53.69	-13.02	40.67	54.00	-13.33	AVG			

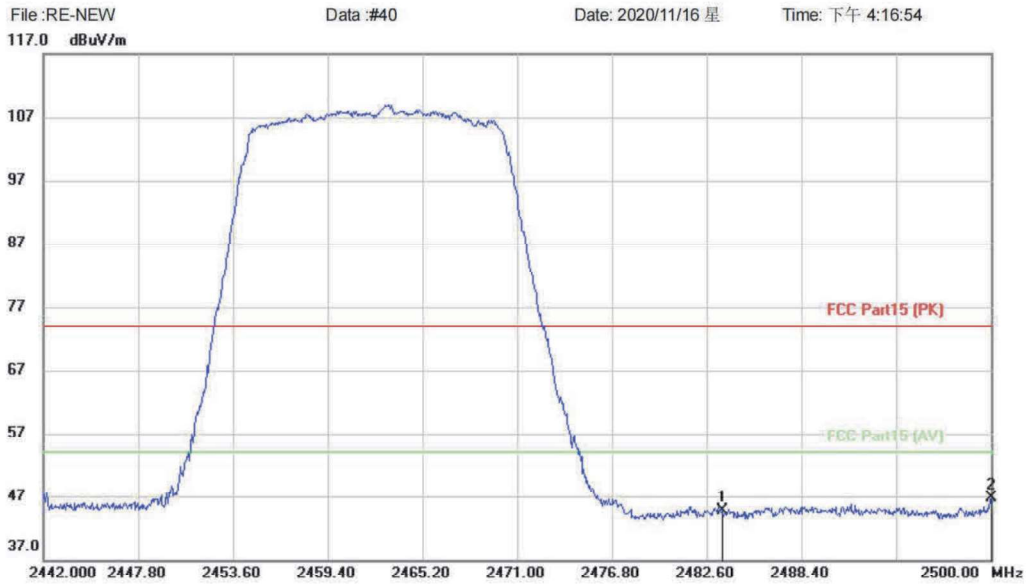
*:Maximum data x:Over limit !:over margin

<Reference Only

Test Result: Pass

[TestMode: TX]; [Polarity: Vertical]

Radiated Emission Measurement



Site	Polarization: Vertical	Temperature:
Limit: FCC Part15 (PK)	Power:	Humidity: %
EUT: router	Distance: 3m	
M/N: MK600		
Mode: BD-G-2462		
Note:		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2483.500	58.22	-13.50	44.72	74.00	-29.28	peak		
2	*	2500.000	60.06	-13.42	46.64	74.00	-27.36	peak		

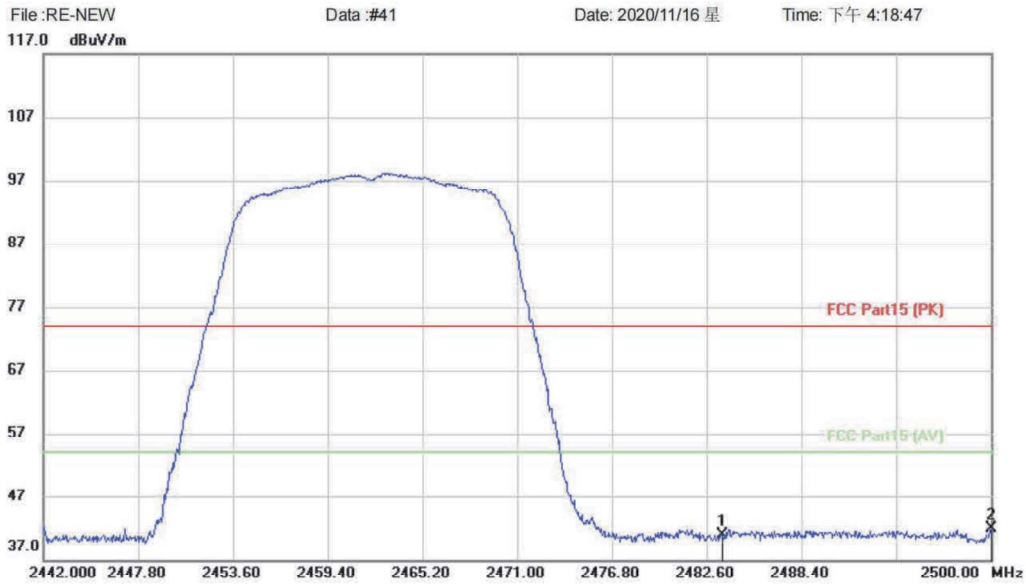
*:Maximum data x:Over limit !:over margin

<Reference Only

Test Result: Pass

[TestMode: TX]; [Polarity: Vertical]

Radiated Emission Measurement



Site	Polarization: Vertical	Temperature:
Limit: FCC Part15 (PK)	Power:	Humidity: %
EUT: router	Distance: 3m	
M/N: MK600		
Mode: BD-G-2462		
Note:		

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1		2483.500	54.42	-13.50	40.92	54.00	-13.08	AVG			
2	*	2500.000	55.24	-13.42	41.82	54.00	-12.18	AVG			

*:Maximum data x:Over limit !:over margin

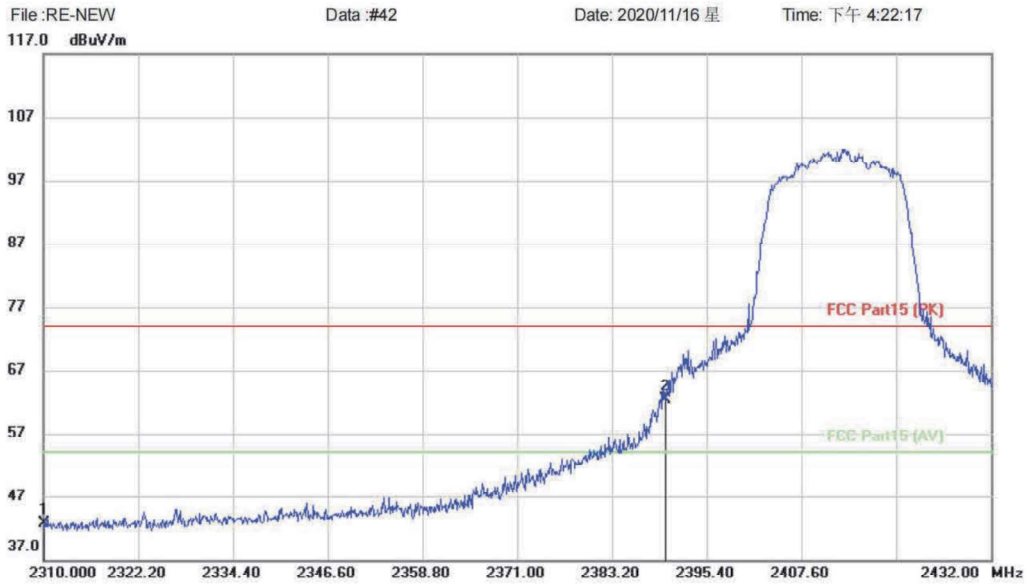
<Reference Only

Test Result: Pass

802.11n20: lowest channel

[TestMode: TX]; [Polarity: Horizontal]

Radiated Emission Measurement



Site: Polarization: **Horizontal** Temperature: Humidity: %
 Limit: FCC Part15 (PK) Power: Distance: 3m
 EUT: router
 M/N: MK600
 Mode: BD-N20-2412
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree	Comment
1		2310.000	56.64	-14.01	42.63	74.00	-31.37	peak		
2	*	2390.000	75.91	-13.62	62.29	74.00	-11.71	peak		

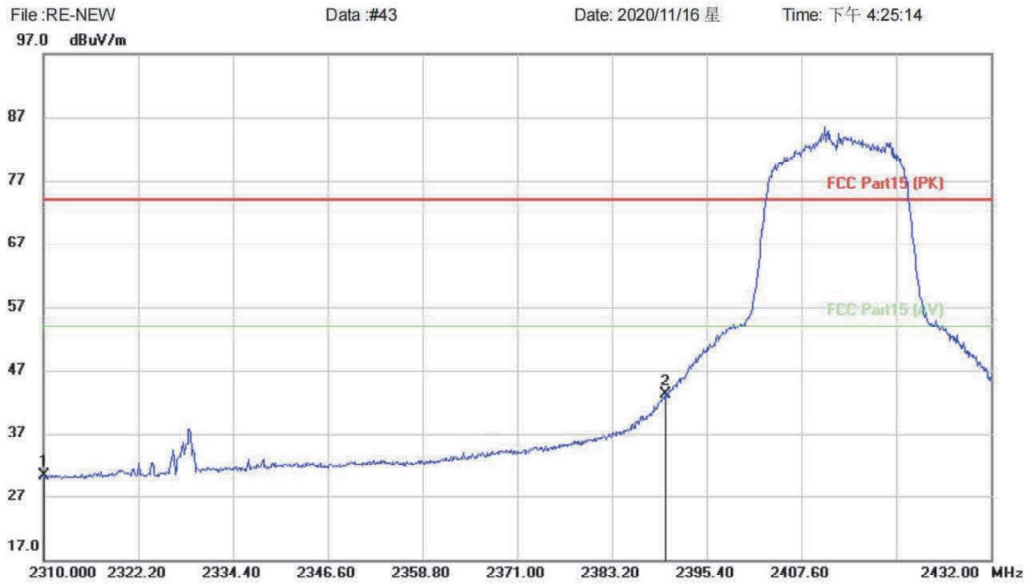
*:Maximum data x:Over limit !:over margin

<Reference Only

Test Result: Pass

[TestMode: TX]; [Polarity: Horizontal]

Radiated Emission Measurement



Site	Polarization: Horizontal	Temperature:
Limit: FCC Part15 (PK)	Power:	Humidity: %
EUT: router	Distance: 3m	
M/N: MK600		
Mode: BD-N20-2412		
Note:		

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1		2310.000	44.39	-14.01	30.38	54.00	-23.62	AVG			
2	*	2390.000	56.67	-13.62	43.05	54.00	-10.95	AVG			

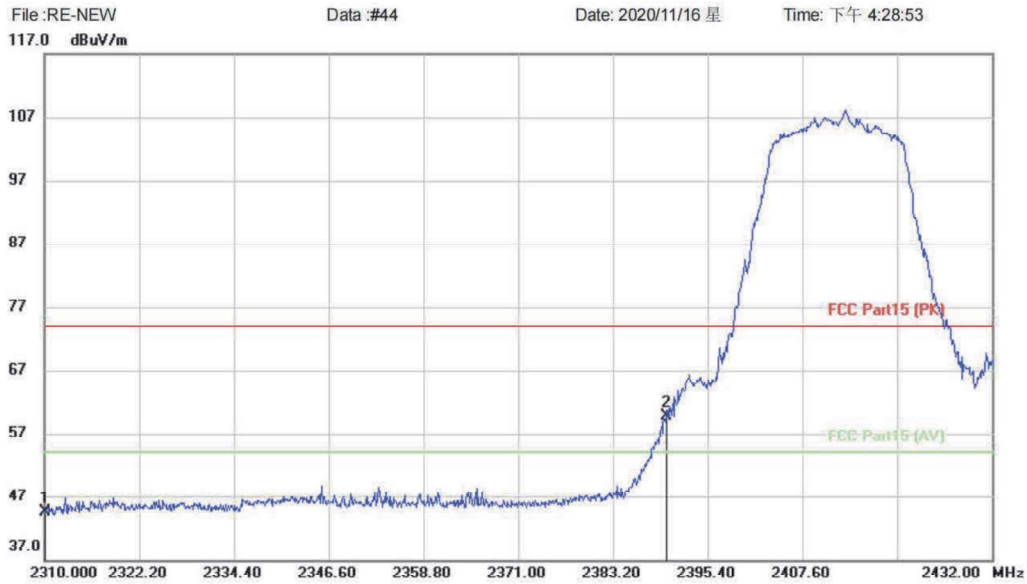
*:Maximum data x:Over limit !:over margin

<Reference Only

Test Result: Pass

[TestMode: TX]; [Polarity: Vertical]

Radiated Emission Measurement



Site	Polarization: Vertical	Temperature:
Limit: FCC Part15 (PK)	Power:	Humidity: %
EUT: router	Distance: 3m	
M/N: MK600		
Mode: BD-N20-2412		
Note:		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2310.000	58.86	-14.30	44.56	74.00	-29.44	peak		
2	*	2390.000	73.68	-13.95	59.73	74.00	-14.27	peak		

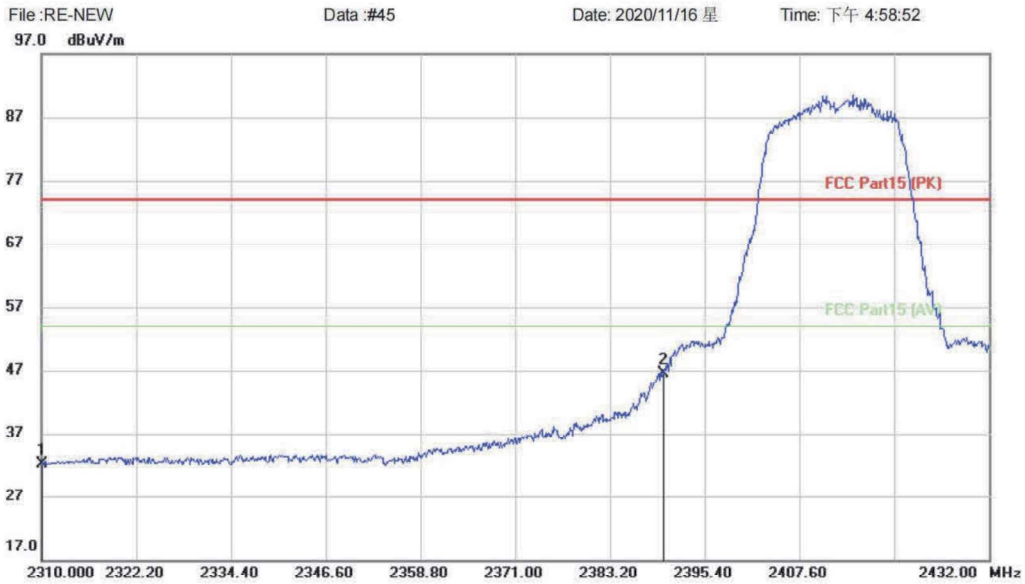
*:Maximum data x:Over limit !:over margin

<Reference Only

Test Result: Pass

[TestMode: TX]; [Polarity: Vertical]

Radiated Emission Measurement



Site	Polarization: Vertical	Temperature:
Limit: FCC Part15 (PK)	Power:	Humidity: %
EUT: router	Distance: 3m	
M/N: MK600		
Mode: BD-N20-2412		
Note:		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2310.000	46.31	-14.30	32.01	54.00	-21.99	AVG		
2	*	2390.000	60.36	-13.95	46.41	54.00	-7.59	AVG		

*:Maximum data x:Over limit !:over margin

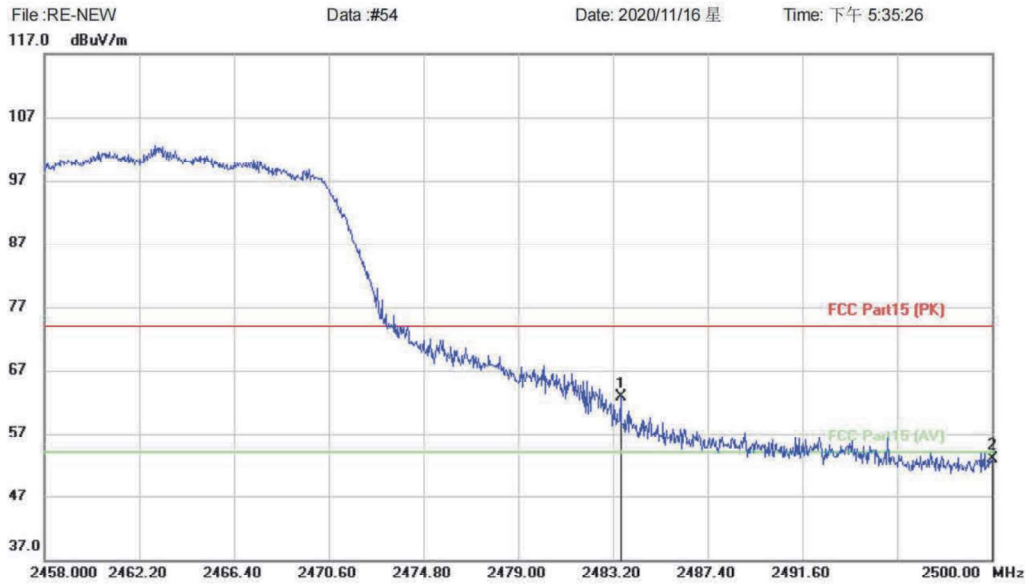
<Reference Only

Test Result: Pass

Highest channel:

[TestMode: TX]; [Polarity: Horizontal]

Radiated Emission Measurement



Site	Polarization: Horizontal	Temperature:
Limit: FCC Part15 (PK)	Power:	Humidity: %
EUT: router	Distance: 3m	
M/N: MK600		
Mode: BD-N20-2462		
Note:		

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree	Comment
1	*	2483.500	75.82	-13.11	62.71	74.00	-11.29	peak		
2		2500.000	65.88	-13.02	52.86	74.00	-21.14	peak		

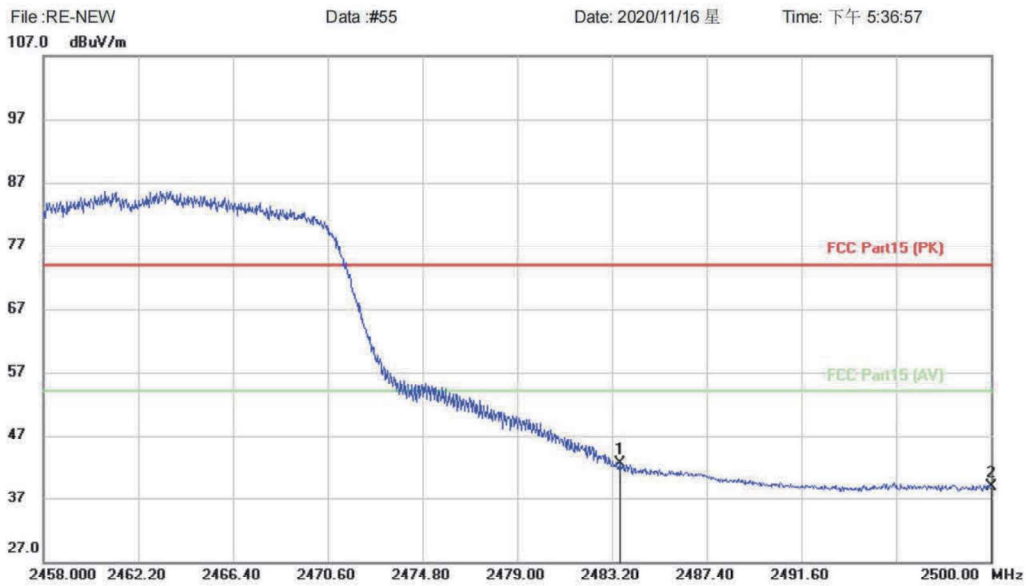
*:Maximum data x:Over limit !:over margin

<Reference Only

Test Result: Pass

[TestMode: TX]; [Polarity: Horizontal]

Radiated Emission Measurement



Site	Polarization: Horizontal	Temperature:
Limit: FCC Part15 (PK)	Power:	Humidity: %
EUT: router	Distance: 3m	
M/N: MK600		
Mode: BD-N20-2462		
Note:		

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree	Comment
1	*	2483.500	55.64	-13.11	42.53	54.00	-11.47	AVG		
2		2500.000	51.91	-13.02	38.89	54.00	-15.11	AVG		

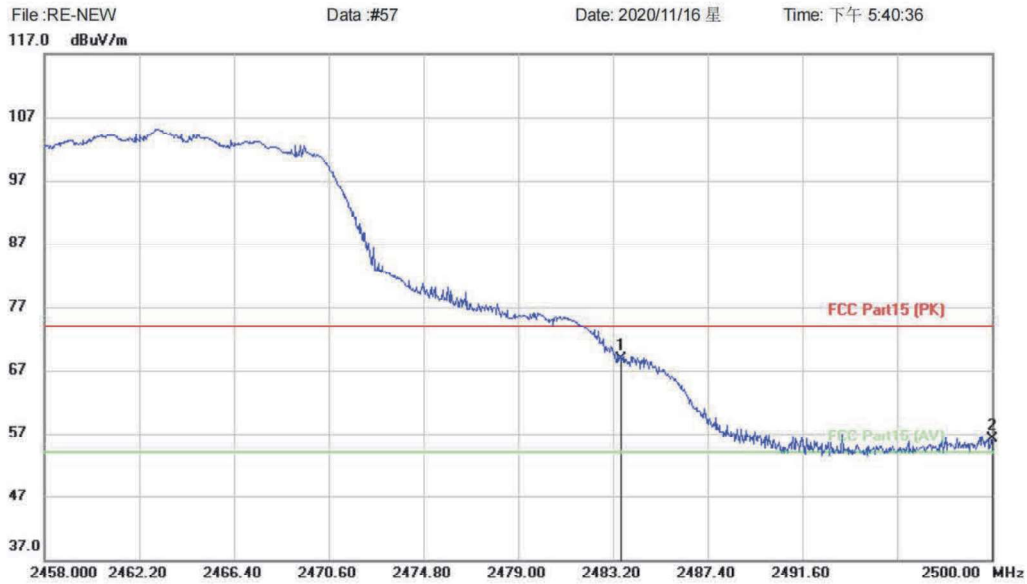
*:Maximum data x:Over limit !:over margin

<Reference Only

Test Result: Pass

[TestMode: TX]; [Polarity: Vertical]

Radiated Emission Measurement



Site	Polarization: Vertical	Temperature:
Limit: FCC Part15 (PK)	Power:	Humidity: %
EUT: router	Distance: 3m	
M/N: MK600		
Mode: BD-N20-2462		
Note:		

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1	*	2483.500	82.29	-13.50	68.79	74.00	-5.21	peak			
2		2500.000	69.45	-13.42	56.03	74.00	-17.97	peak			

*:Maximum data x:Over limit !:over margin

<Reference Only

Test Result: Pass

[TestMode: TX]; [Polarity: Vertical]

Radiated Emission Measurement



Site	Polarization: Vertical	Temperature:
Limit: FCC Part15 (PK)	Power:	Humidity: %
EUT: router	Distance: 3m	
M/N: MK600		
Mode: BD-N20-2462		
Note:		

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1	*	2483.500	62.08	-13.50	48.58	54.00	-5.42	AVG			
2		2500.000	54.80	-13.42	41.38	54.00	-12.62	AVG			

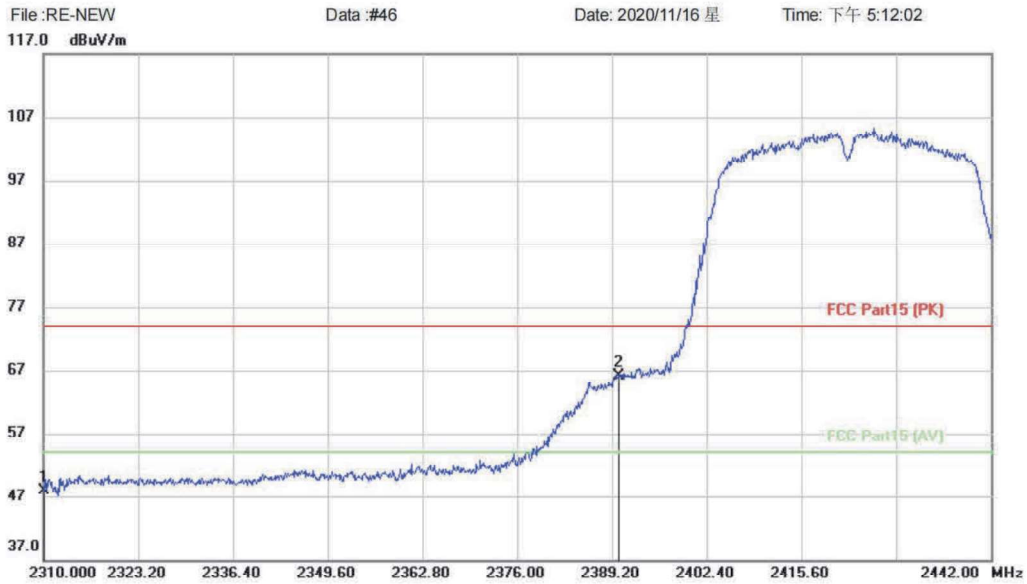
*:Maximum data x:Over limit !:over margin

<Reference Only

Test Result: Pass

802.11n40: lowest channel

[TestMode: TX]; [Polarity: Vertical]

Radiated Emission Measurement


Site	Polarization: Vertical	Temperature:
Limit: FCC Part15 (PK)	Power:	Humidity: %
EUT: router	Distance: 3m	
M/N: MK600		
Mode: BD-N40-2422		
Note:		

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree	Comment
1		2310.000	62.21	-14.30	47.91	74.00	-26.09	peak		
2	*	2390.000	80.08	-13.95	66.13	74.00	-7.87	peak		

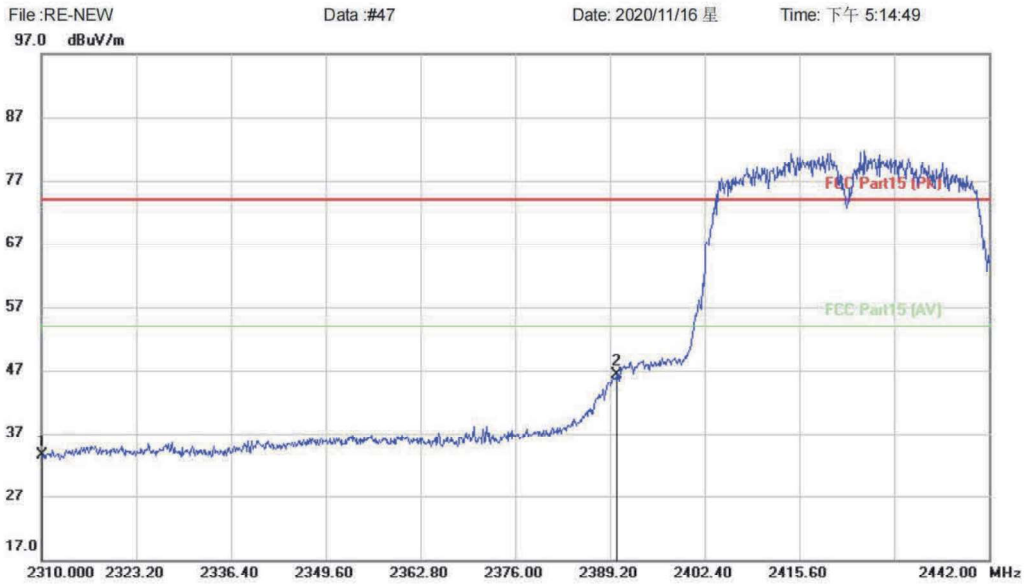
*:Maximum data x:Over limit !:over margin

(Reference Only)

Test Result: Pass

[TestMode: TX]; [Polarity: Vertical]

Radiated Emission Measurement



Site	Polarization: Vertical	Temperature:
Limit: FCC Part15 (PK)	Power:	Humidity: %
EUT: router	Distance: 3m	
M/N: MK600		
Mode: BD-N40-2422		
Note:		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2310.000	47.71	-14.30	33.41	54.00	-20.59	AVG		
2	*	2390.000	60.27	-13.95	46.32	54.00	-7.68	AVG		

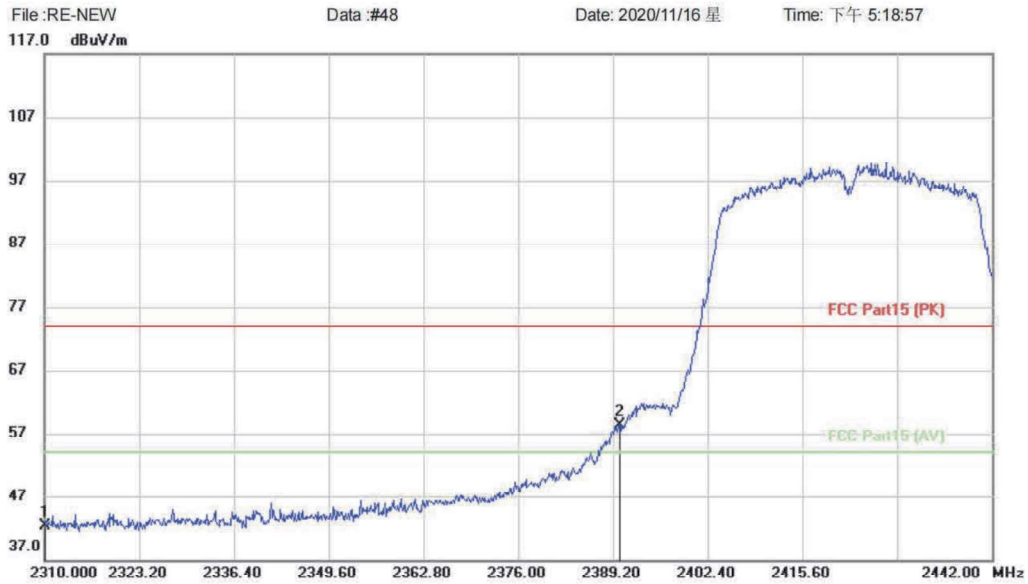
*:Maximum data x:Over limit !:over margin

<Reference Only

Test Result: Pass

[TestMode: TX]; [Polarity: Horizontal]

Radiated Emission Measurement



Site	Polarization: Horizontal	Temperature:
Limit: FCC Part15 (PK)	Power:	Humidity: %
EUT: router	Distance: 3m	
M/N: MK600		
Mode: BD-N40-2422		
Note:		

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree	Comment
1		2310.000	56.23	-14.01	42.22	74.00	-31.78	peak		
2	*	2390.000	71.98	-13.62	58.36	74.00	-15.64	peak		

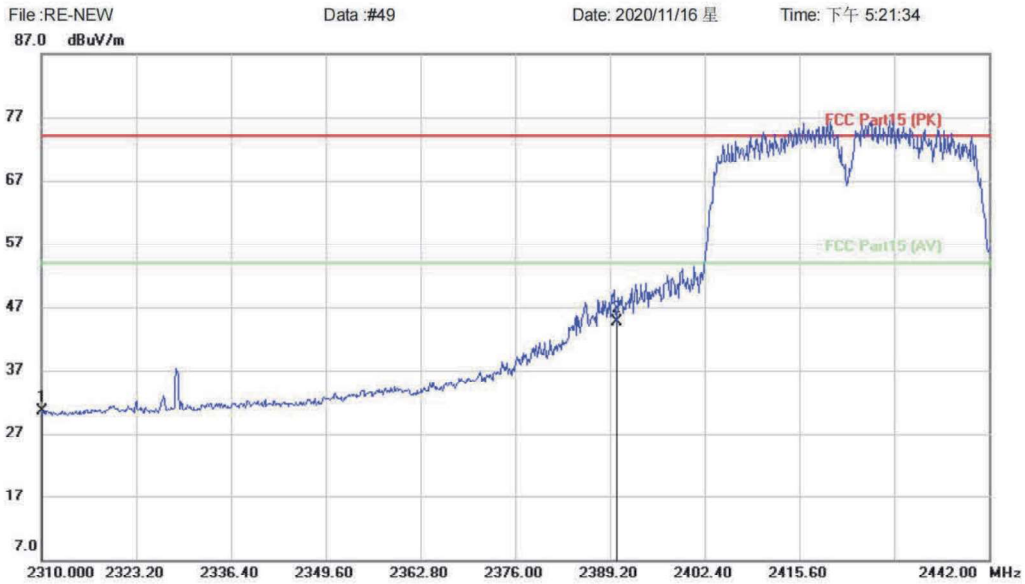
*:Maximum data x:Over limit !:over margin

<Reference Only

Test Result: Pass

[TestMode: TX]; [Polarity: Horizontal]

Radiated Emission Measurement



Site	Polarization: Horizontal	Temperature:
Limit: FCC Part15 (PK)	Power:	Humidity: %
EUT: router	Distance: 3m	
M/N: MK600		
Mode: BD-N40-2422		
Note:		

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1		2310.000	44.47	-14.01	30.46	54.00	-23.54	AVG			
2	*	2390.000	58.32	-13.62	44.70	54.00	-9.30	AVG			

*:Maximum data x:Over limit !:over margin

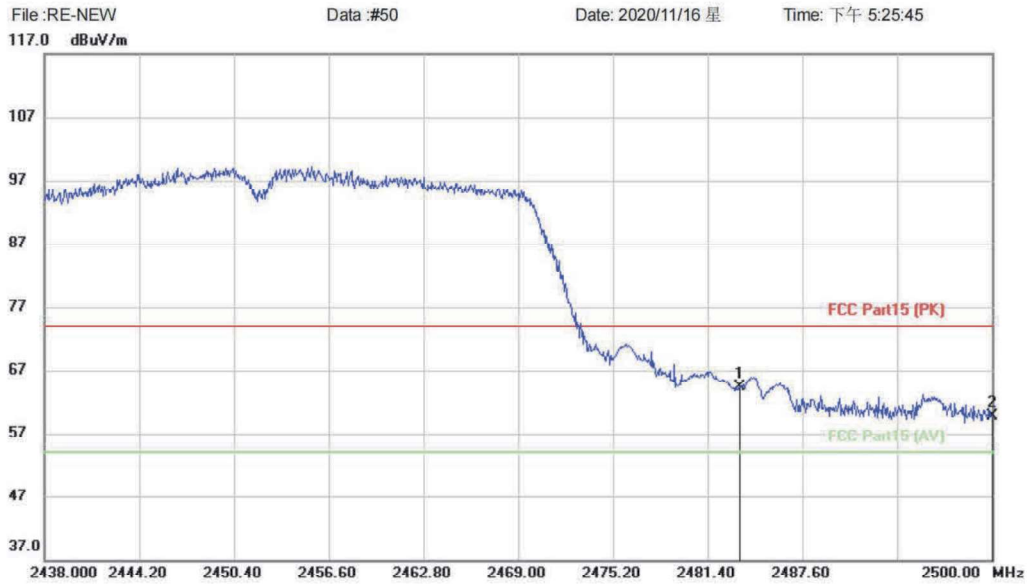
<Reference Only

Test Result: Pass

Highest channel:

[TestMode: TX]; [Polarity: Horizontal]

Radiated Emission Measurement



Site: Polarization: **Horizontal** Temperature:
Limit: FCC Part15 (PK) Power: Humidity: %
EUT: router Distance: 3m
M/N: MK600
Mode: BD-N40-2452
Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1	*	2483.500	77.36	-13.11	64.25	74.00	-9.75	peak			
2		2500.000	72.75	-13.02	59.73	74.00	-14.27	peak			

*:Maximum data x:Over limit !:over margin

<Reference Only

Test Result: Pass

[TestMode: TX]; [Polarity: Horizontal]

Radiated Emission Measurement



Site	Polarization: Horizontal	Temperature:
Limit: FCC Part15 (PK)	Power:	Humidity: %
EUT: router	Distance: 3m	
M/N: MK600		
Mode: BD-N40-2452		
Note:		

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree	Comment
1	*	2483.500	57.63	-13.11	44.52	54.00	-9.48	AVG		
2		2500.000	55.64	-13.02	42.62	54.00	-11.38	AVG		

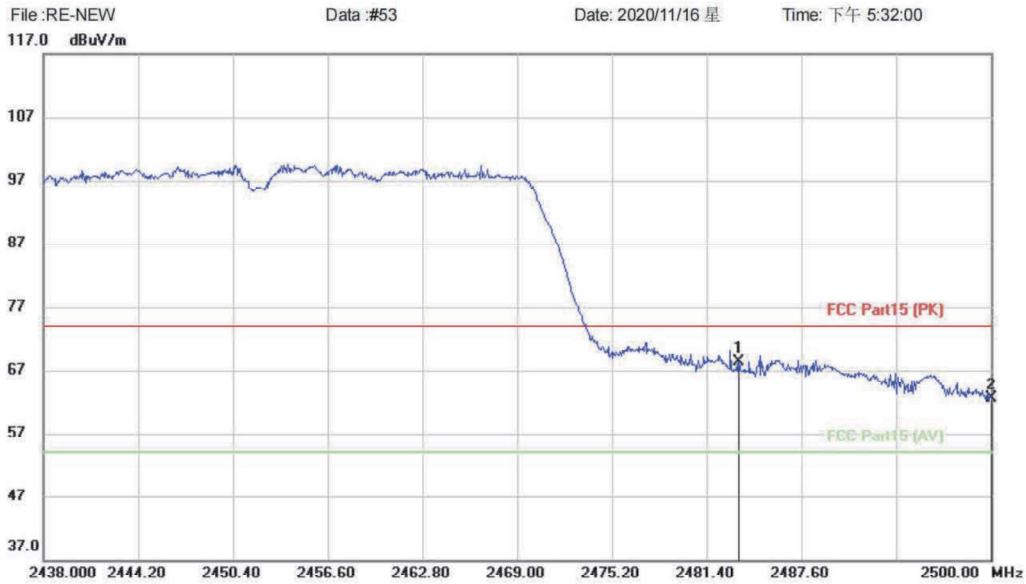
*:Maximum data x:Over limit !:over margin

⟨Reference Only

Test Result: Pass

[TestMode: TX]; [Polarity: Vertical]

Radiated Emission Measurement



Site	Polarization: Vertical	Temperature:
Limit: FCC Part15 (PK)	Power:	Humidity: %
EUT: router	Distance: 3m	
M/N: MK600		
Mode: BD-N40-2452		
Note:		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	2483.500	81.87	-13.50	68.37	74.00	-5.63	peak		
2		2500.000	75.83	-13.42	62.41	74.00	-11.59	peak		

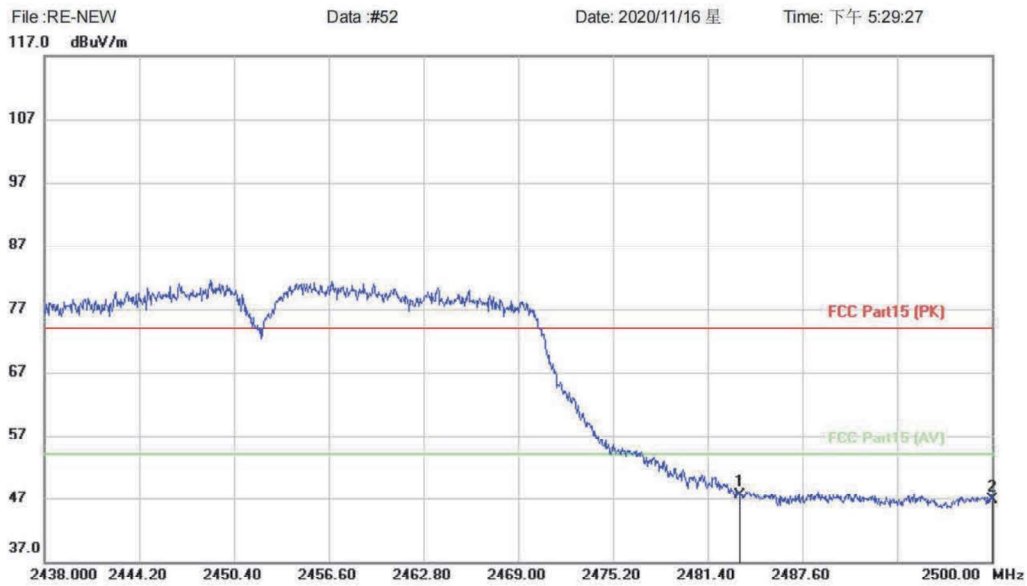
*:Maximum data x:Over limit !:over margin

<Reference Only

Test Result: Pass

[TestMode: TX]; [Polarity: Vertical]

Radiated Emission Measurement



Site	Polarization: Vertical	Temperature:
Limit: FCC Part15 (PK)	Power:	Humidity: %
EUT: router	Distance: 3m	
M/N: MK600		
Mode: BD-N40-2452		
Note:		

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1	*	2483.500	60.92	-13.50	47.42	54.00	-6.58	AVG			
2		2500.000	60.21	-13.42	46.79	54.00	-7.21	AVG			

*:Maximum data x:Over limit !:over margin

<Reference Only

Test Result: Pass

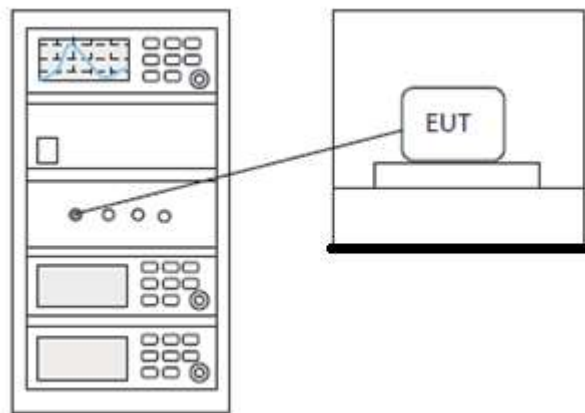
CONDUCTED SPURIOUS EMISSIONS

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 7.8.6 & Section 11.11
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX
Tester	Jozu
Temperature	25°C
Humidity	60%

LIMITS

Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power 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 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions 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)).
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BLOCK DIAGRAM OF TEST SETUP



TEST DATA

Pass: Please Refer To Appendix: Appendix1 For Details

BlueAsia

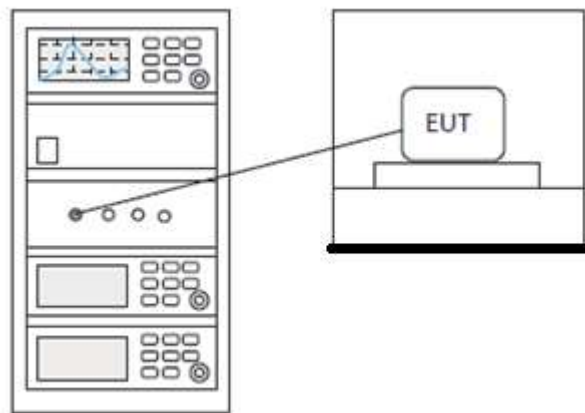
CONDUCTED BAND EDGES MEASUREMENT

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 7.8.8 & Section 11.13.3.2
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX
Tester	Jozu
Temperature	25°C
Humidity	60%

LIMITS

Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power 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 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions 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)).
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BLOCK DIAGRAM OF TEST SETUP



TEST DATA

Pass: Please Refer To Appendix: Appendix1 For Details

BlueAsia

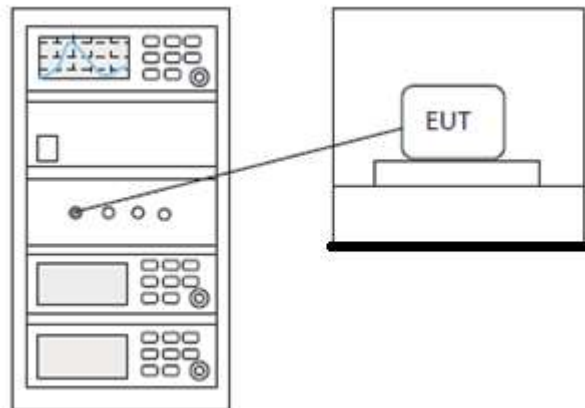
MINIMUM 6DB BANDWIDTH

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 11.8.1
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX
Tester	Jozu
Temperature	25°C
Humidity	60%

LIMITS

Limit:	≥500 kHz
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BLOCK DIAGRAM OF TEST SETUP



TEST DATA

Pass: Please Refer To Appendix: Appendix1 For Details

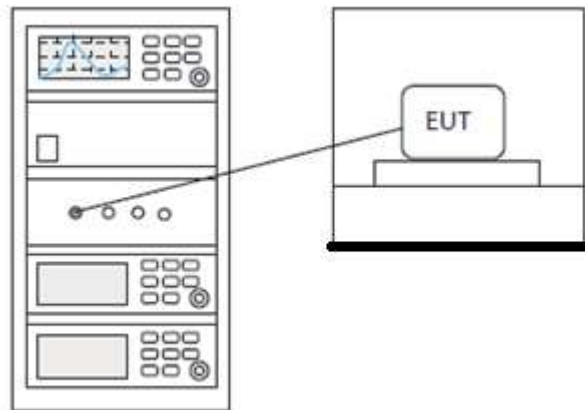
POWER SPECTRUM DENSITY

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 11.10.2
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX
Tester	Jozu
Temperature	25°C
Humidity	60%

LIMITS

Limit: $\leq 8\text{dBm}$ in any 3 kHz band during any time interval of continuous transmission

BLOCK DIAGRAM OF TEST SETUP



TEST DATA

Pass: Please Refer To Appendix: Appendix1 For Details

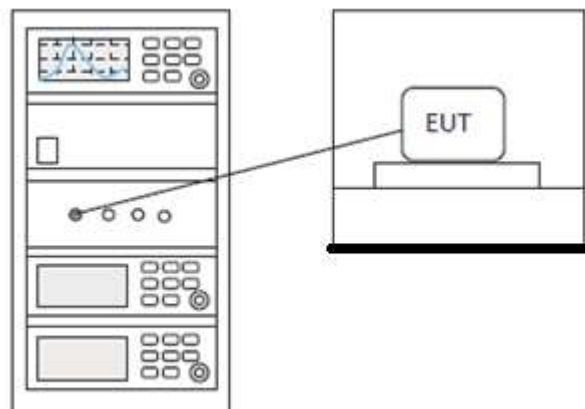
CONDUCTED PEAK OUTPUT POWER

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 7.8.5 & Section 11.9.1
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX
Tester	Jozu
Temperature	25°C
Humidity	60%

LIMITS

Frequency range(MHz)	Output power of the intentional radiator(watt)
902-928	1 for ≥ 50 hopping channels
	0.25 for $25 \leq$ hopping channels < 50
	1 for digital modulation
2400-2483.5	1 for ≥ 75 non-overlapping hopping channels
	0.125 for all other frequency hopping systems
	1 for digital modulation
5725-5850	1 for frequency hopping systems and digital modulation

BLOCK DIAGRAM OF TEST SETUP



TEST DATA

Pass: Please Refer To Appendix: Appendix1 For Details

BlueAsia

CONDUCTED EMISSIONS AT AC POWER LINE (150KHZ-30MHZ)

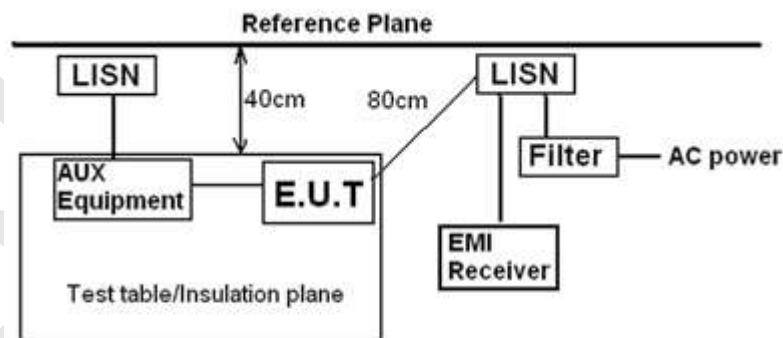
Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 6.2
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX
Tester	Jozu
Temperature	25°C
Humidity	60%

LIMITS

Frequency of emission(MHz)	Conducted limit(dBμV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

BLOCK DIAGRAM OF TEST SETUP



Remark:
 E.U.T: Equipment Under Test
 LISN: Line Impedance Stabilization Network
 Test table height=0.8m

PROCEDURE

- 1) The mains terminal disturbance voltage test was conducted in a shielded room.
- 2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50ohm/50μH + 5ohm linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.

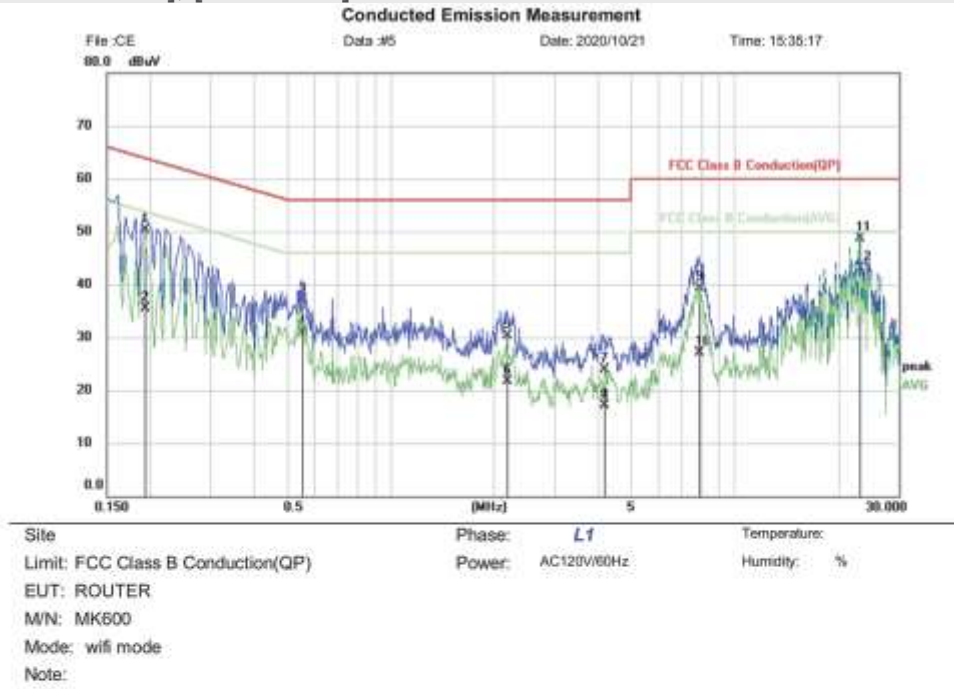
- 3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane,
- 4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2.
- 5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement.

Remark: LISN=Read Level+ Cable Loss+ LISN Factor

BlueAsia

TEST DATA

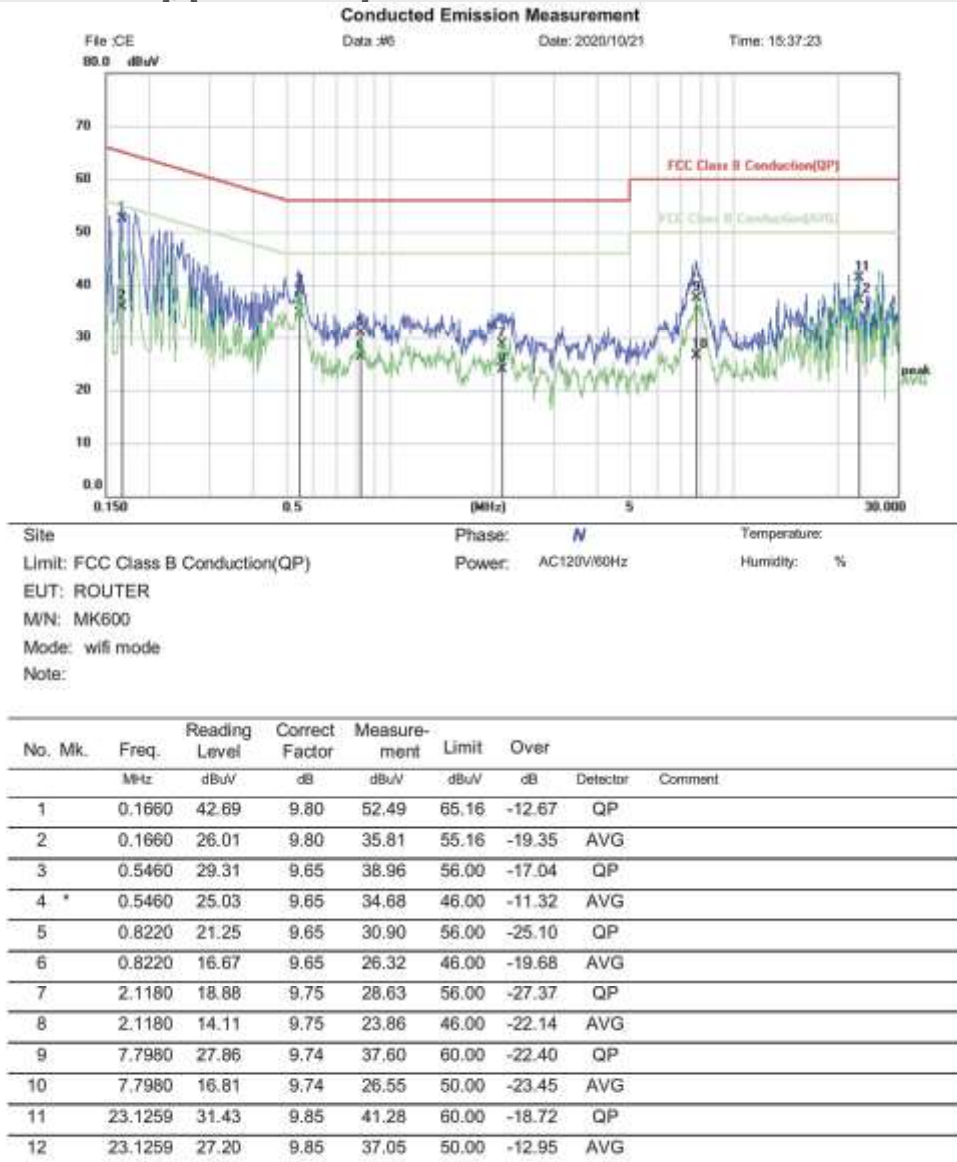
[TestMode: TX]; [Line: Line]



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1940	40.52	9.81	50.33	63.86	-13.53	QP	
2		0.1940	25.66	9.81	35.47	53.86	-18.39	AVG	
3		0.5540	27.37	9.66	37.03	56.00	-18.97	QP	
4		0.5540	21.27	9.66	30.93	46.00	-15.07	AVG	
5		2.1820	20.60	9.71	30.31	56.00	-25.69	QP	
6		2.1820	12.06	9.71	21.77	46.00	-24.23	AVG	
7		4.1660	14.25	9.74	23.99	56.00	-32.01	QP	
8		4.1660	7.43	9.74	17.17	46.00	-28.83	AVG	
9		7.8540	29.60	9.75	39.35	60.00	-20.65	QP	
10		7.8540	17.42	9.75	27.17	50.00	-22.83	AVG	
11		23.1299	38.95	9.84	48.79	60.00	-11.21	QP	
12	*	23.1299	33.34	9.84	43.18	50.00	-6.82	AVG	

Test Result: Pass

[TestMode: TX]; [Line: Nutral]



Test Result: Pass