



FCC PART 15C TEST REPORT No.I23Z61525-IOT05

for

TCL Communication Ltd.

LTE Mobile phone

T434W

FCC ID: 2ACCJH177

with

Hardware Version: 03

Software Version: 6VS7

Issued Date: 2023-09-12

Note:

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

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REPORT HISTORY

Report Number	Revision	Description	Issue Date
I23Z61525-IOT05	Rev.0	1st edition	2023-09-07
I23Z61525-IOT05	Rev.1	Add the test method description.	2023-09-12

Note: the latest revision of the test report supersedes all previous version.

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1. Test Laboratory

1.1. Introduction & Accreditation

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

1.2. Testing Location

Conducted testing Location: CTTL(huayuan North Road)

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

Radiated testing Location: CTTL(uayuan North Road)

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

1.3. TestingEnvironment

Normal Temperature: 15-35°C
Relative Humidity: 20-75%

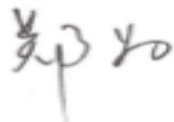
1.4. Project date

Testing Start Date: 2023-08-08
Testing End Date: 2023-09-07

1.5. Signature

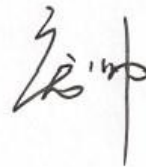
Yao Xingyu

(Prepared this test report)



Zheng Wei

(Reviewed this test report)



Pang Shuai

(Approved this test report)

2. Client Information

2.1. Applicant Information

Company Name: TCL Communication Ltd.
Address: 5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science
Park, Shatin, NT, Hong Kong
City: Hong Kong
Postal Code: /
Country: China
Telephone: +86 755 3661 1621
Fax: +86 755 3661 2000-81722

2.2. Manufacturer Information

Company Name: TCL Communication Ltd.
Address: 5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science
Park, Shatin, NT, Hong Kong
City: Hong Kong
Postal Code: /
Country: China
Telephone: +86 755 3661 1621
Fax: +86 755 3661 2000-81722

3. Equipment Under Test (EUT) and Ancillary Equipment (AE)

3.1. About EUT

Description	LTE Mobile phone
Model name	T434W
FCC ID	2ACCJH177
WLAN Frequency Band	ISM Band: 5725MHz~5850MHz
Type of modulation	OFDM
Nominal Voltage	3.85V
Extreme High Voltage	4.4V
Extreme Low Voltage	3.6V

3.2. Internal Identification of EUT used during the test

EUT ID*	IMEI	HW Version	SW Version	Date of receipt
UT43a	016459000201178	03	6VS7	2023-08-29
UT27a	016459000201293	03	6VS7	2023-08-08

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

UT43a is used for Conduction test, UT27a is used for Radiation test.

3.3. Internal Identification of AE used during the test

AE ID*	Description	Type	SN
AE1	Battery	/	/
AE2	Charger	/	/
AE3	Data Cable	/	/

AE1

Model	CAC3860040C7
Manufacturer	VEKEN
Capacity(mAh)	3860 mAh

AE2

Model	CBA0071AGTC7
Manufacturer	CHENYANG
Length of cable	/

AE3

Model	CDA0000123C8
Manufacturer	PUAN
Length of cable	/

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

3.4. General Description

Equipment Under Test (EUT) is a model of LTE Mobile phone with integrated antenna. It consists of normal options: Battery and Charger.

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

Samples undergoing test were selected by the Client.

4. Reference Documents

4.1. Documents supplied by applicant

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

4.2. Reference Documents for testing

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

FCC Part15	FCC CFR 47, Part 15, Subpart C and E:	
	15.205 Restricted bands of operation;	2021
	15.209 Radiated emission limits, general requirements;	
	15.407 General technical requirements	
ANSI C63.10	Methods of Measurement of Radio-Noise Emissions from	2013
	Low-Voltage Electrical and Electronic Equipment in the	
	Range of 9 kHz to 40 GHz	
UNII: KDB 789033 D02	General U-NII Test Procedures New Rules v02r01	2017-12

5. Laboratory Environment

Conducted RF performance testing is performed in shielding room.

EMC performance testing is performed in Semi-anechoic chamber.

6. Test Results

6.1. Summary of Test Results

SUMMARY OF MEASUREMENT RESULTS	Sub-clause of Part15C	Sub-clause of IC	Verdict
Maximum Peak Output Power	15.407 (a)	/	P
Peak Power Spectral Density	15.407 (a)	/	P
6dB Emission Bandwidth	15.407 (e)	/	P
Band Edges Compliance - Conducted& Radiated	15.407 (b)	/	P
Transmitter Spurious Emission - Radiated	15.407, 15.205, 15.209	/	P
AC Powerline Conducted Emission	15.107, 15.207	/	P

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

Terms used in Verdict column

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

6.2. Statements

CTTL has evaluated the test cases as listed in section 6.1 of this report for the EUT specified in section 3 according to the standards or reference documents listed in section 4.

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

6.3. Test Conditions

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

Temperature	26°C
Voltage	3.85V
Humidity	44%

7. Test Facilities Utilized

Conducted test system

No.	Equipment	Model	Serial Number	Manufacturer	Calibration Period	Calibration Due date
1	Vector Signal Analyzer	FSQ40	200089	Rohde & Schwarz	1 year	2024-07-04
2	LISN	ENV216	101200	R&S	1 year	2024-06-05
3	Test Receiver	ESCI	100344	R&S	1 year	2024-02-21
4	Attenuator	10dB/2W	/	Rosenberger	/	/
5	Shielding Room	S81	/	ETS-Lindgren	/	/

Radiated emission test system

No.	Equipment	Model	Serial Number	Manufacturer	Calibration Period	Calibration Due date
1	Test Receiver	ESW44	103144	R&S	1 year	2023-10-25
2	EMI Antenna	VULB 9163	01222	SCHWARZBECK	1 year	2024-02-28
3	EMI Antenna	3115	6914	ETS-Lindgren	1 year	2024-04-25
4	EMI Antenna	3116	2663	ETS-Lindgren	1 year	2023-11-22

8. Measurement Uncertainty

8.1. Transmitter Output Power

Measurement Uncertainty: 0.387dB,k=1.96

8.2. Peak Power Spectral Density

Measurement Uncertainty: 0.705dB,k=1.96

8.3. 6dB Emission Bandwidth

Measurement Uncertainty: 60.80Hz,k=1.96

8.4. Band Edges Compliance

Measurement Uncertainty : 0.62dB,k=1.96

8.5. Spurious Emissions

Conducted (k=1.96)

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

Radiated (k=2)

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

8.6. AC Power-line Conducted Emission

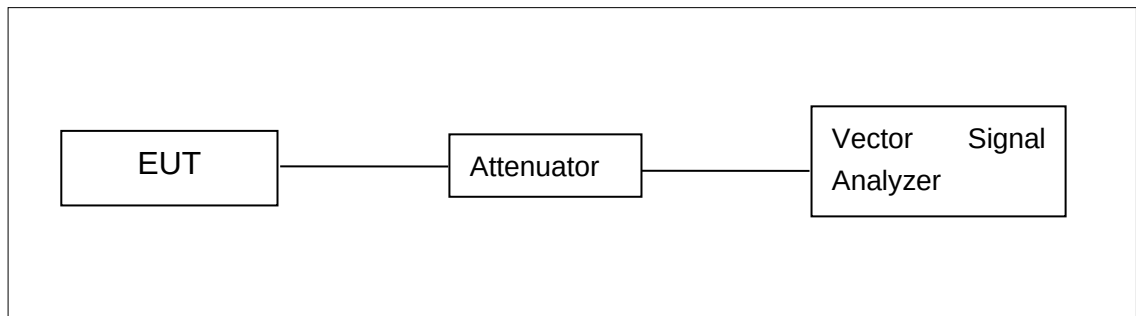
Measurement Uncertainty : 3.08dB,k=2

ANNEX A: MEASUREMENT RESULTS

A.1. Measurement Method

A.1.1. Conducted Measurements

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

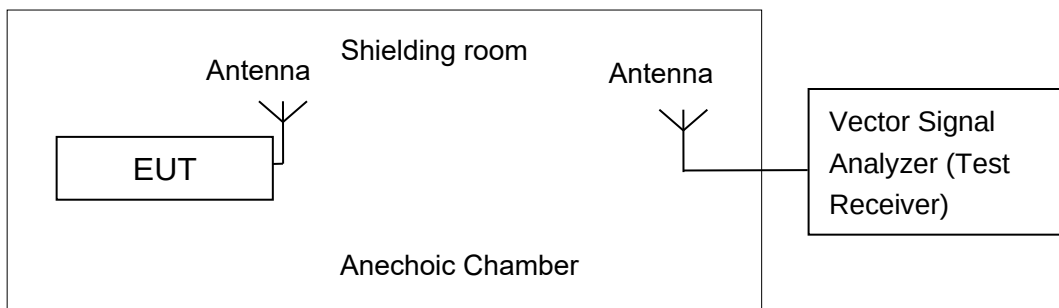


A.1.2. Radiated Emission Measurements

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

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

Sweep frequency from 1 GHz to 26GHz, RBW = 1MHz, VBW = 3MHz;



The measurement is made according to ANSI C63.10.

The radiated emission test is performed in semi-anechoic chamber. The distance from the EUT to the reference point of measurement antenna is 3m. The test is carried out on both vertical and horizontal polarization and only maximization result of both polarizations is kept. During the test, the turntable is rotated 360° and the measurement antenna is moved from 1m to 4m to get the maximization result.

A.2. Maximum Peak Output Power

Measurement Limit and Method:

Standard	Limit (dBm)
FCC CRF Part 15.407(a)	< 30

Set span to encompass the EBW (or, alternatively, the entire 99% occupied bandwidth) of the signal.

Set RBW = 1 MHz.

Set VBW $\geq$ 3 MHz.

Number of points in sweep $\geq 2 \times \text{span} / \text{RBW}$.

Sweep time = auto.

Detector = power averaging (rms)

Trace average at least 100 traces in power averaging (rms) mode; however, the number of traces to be averaged shall be increased above 100 as needed to ensure that the average accurately represents the true average over the on and off periods of the transmitter.

Compute power by integrating the spectrum across the EBW (or, alternatively, the entire 99% occupied bandwidth) of the signal using the instrument's band power measurement function with band limits set equal to the EBW (or occupied bandwidth) band edges. If the instrument does not have a band power function, sum the spectrum levels (in power units) at 1 MHz intervals extending across the EBW (or, alternatively, the entire 99% occupied bandwidth) of the signal. Add 10 log (1/x), where x is the duty cycle.

A.2.1 Antenna Gain

Antenna gain is -0.33dBi and the value is supplied by the applicant or manufacturer.

A.2.2. Maximum Average Output Power-Conducted

EUT ID: UT43a

Measurement Results:

802.11a mode

Mode	Data Rate (Mbps)	Test Result (dBm)		
		5745MHz (Ch149)	5785MHz (Ch157)	5825MHz (Ch165)
802.11a	6	20.83	20.45	19.82
	9	/	/	/
	12	/	/	/
	18	/	/	/
	24	/	/	/
	36	/	/	/
	48	/	/	/
	54	/	/	/

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

802.11n-HT20 mode

Mode	Data Rate (Index)	Test Result (dBm)		
		5745MHz (Ch149)	5785MHz (Ch157)	5825MHz (Ch165)
802.11n (20MHz)	MCS0	20.44	19.85	18.38
	MCS1	/	/	/
	MCS2	/	/	/
	MCS3	/	/	/
	MCS4	/	/	/
	MCS5	/	/	/
	MCS6	/	/	/
	MCS7	/	/	/

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

802.11ac-HT20 mode

Mode	Data Rate (Index)	Test Result (dBm)		
		5745MHz (Ch149)	5785MHz (Ch157)	5825MHz (Ch165)
802.11ac (20MHz)	MCS0	20.32	19.79	18.63
	MCS1	/	/	/
	MCS2	/	/	/
	MCS3	/	/	/
	MCS4	/	/	/
	MCS5	/	/	/
	MCS6	/	/	/
	MCS7	/	/	/
	MCS8	/	/	/

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

802.11n-HT40 mode

Mode	Data Rate (Index)	Test Result (dBm)	
		5755MHz (Ch151)	5795MHz (Ch159)
802.11n (40MHz)	MCS0	19.17	18.62
	MCS1	/	/
	MCS2	/	/
	MCS3	/	/
	MCS4	/	/
	MCS5	/	/
	MCS6	/	/
	MCS7	/	/

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

802.11ac-HT40 mode

Mode	Data Rate (Index)	Test Result (dBm)	
		5755MHz (Ch151)	5795MHz (Ch159)
802.11ac (40MHz)	MCS0	19.47	18.73
	MCS1	/	/
	MCS2	/	/
	MCS3	/	/
	MCS4	/	/
	MCS5	/	/
	MCS6	/	/
	MCS7	/	/
	MCS8	/	/
	MCS9	/	/

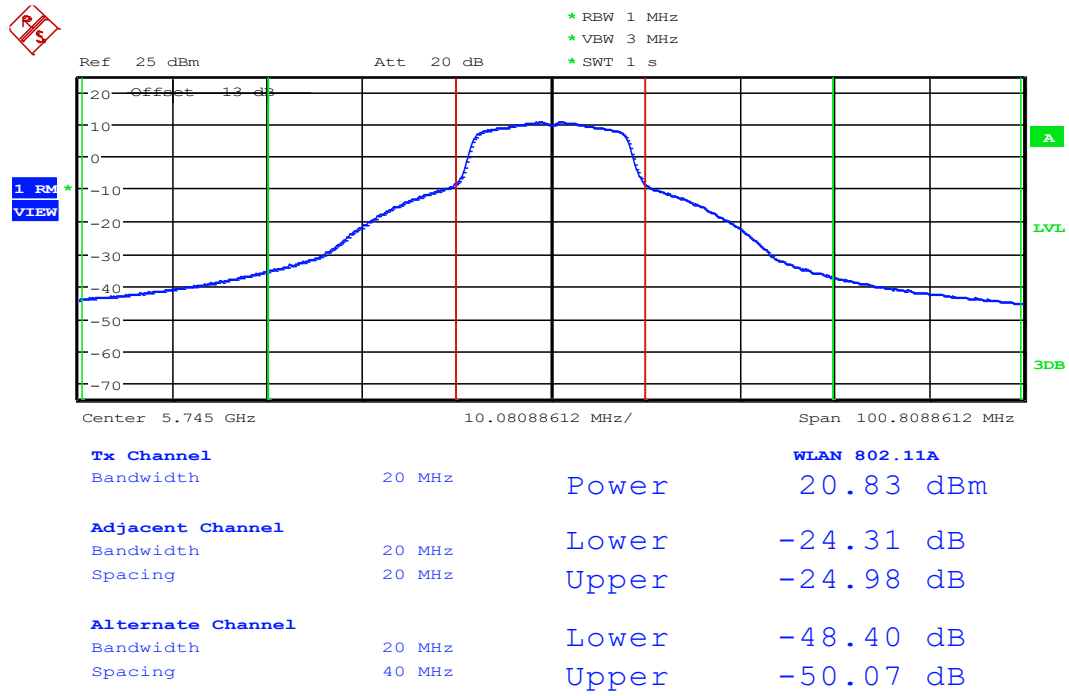
The data rate MCS0 is selected as worst condition, and the following cases are performed with this condition.

802.11ac-HT80 mode

Mode	Data Rate (Index)	Test Result (dBm)
		5775MHz (Ch155)
802.11ac (80MHz)	MCS0	18.49
	MCS1	/
	MCS2	/
	MCS3	/
	MCS4	/
	MCS5	/
	MCS6	/
	MCS7	/
	MCS8	/
	MCS9	/

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

The duty cycle of all mode are 100%.



Date: 7.SEP.2023 16:37:09

Maximum output Power: 11a CH149

Conclusion: PASS

A.3. Peak Power Spectral Density

Measurement Limit:

Standard	Limit
FCC 47 CFR Part 15.407(a)	< 30 dBm/500 kHz

Set span to encompass the EBW (or, alternatively, the entire 99% occupied bandwidth) of the signal.

Set RBW = 500 kHz.

Set VBW $\geq$ 3 MHz.

Number of points in sweep $\geq 2 \times \text{span} / \text{RBW}$.

Sweep time = auto.

Detector = power averaging (rms)

Trace average at least 100 traces in power averaging (rms) mode; however, the number of traces to be averaged shall be increased above 100 as needed to ensure that the average accurately represents the true average over the on and off periods of the transmitter. Use the peak search function on the instrument to find the peak of the spectrum and record its value. Add $10 \log (1/x)$, where x is the duty cycle.

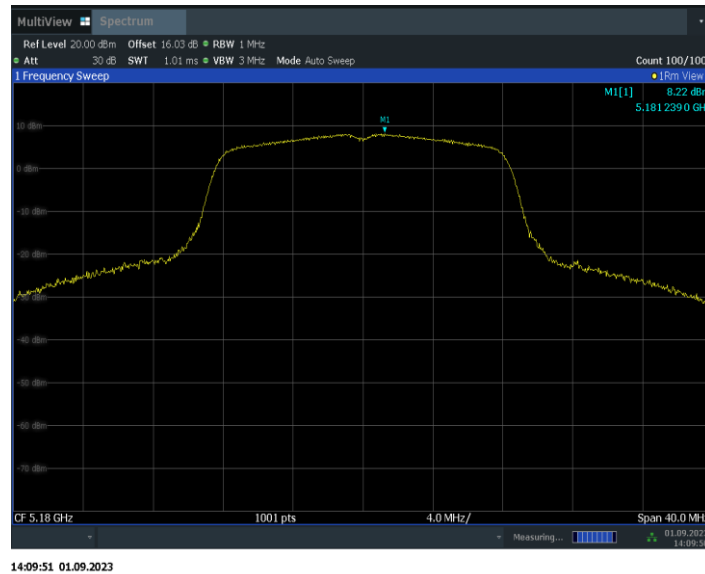
Measurement Uncertainty:

Measurement Uncertainty	0.75dB
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EUT ID: UT43a

Measurement Results:

Mode	Channel	Power Spectral Density (dBm/500kHz)	Conclusion
802.11a	149	7.47	P
	157	6.67	P
	165	5.48	P
802.11n HT20	149	7.40	P
	157	6.56	P
	165	5.65	P
802.11ac HT40	151	3.55	P
	159	2.62	P
802.11ac HT80	155	-1.03	P



Peak Power Spectral Density

Conclusion: PASS

A.4. 6dB Emission Bandwidth

Measurement Limit:

Standard	Limit (kHz)
FCC 47 CFR Part 15.407 (e)	≥ 500

Set RBW = 100 kHz.

Set the video bandwidth (VBW) $\geq 3 \times$ RBW.

Detector = Peak.

Trace mode = max hold.

Sweep = auto couple.

Allow the trace to stabilize.

Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission. Measurement

Uncertainty:

Measurement Uncertainty	60.80Hz
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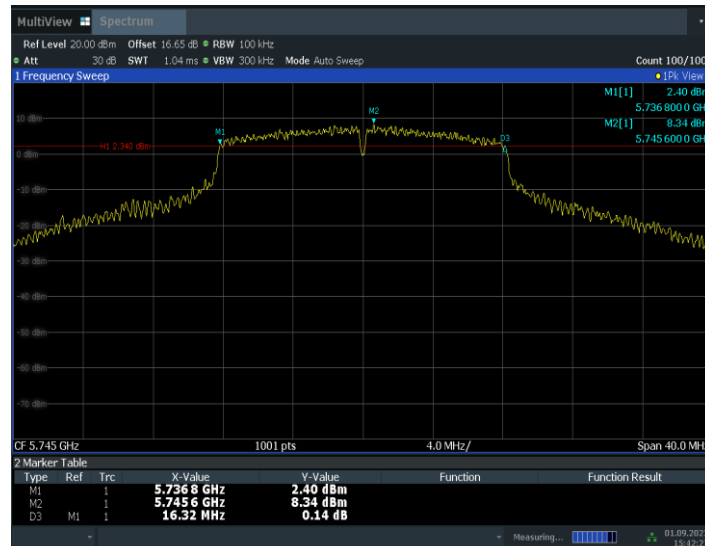
EUT ID: UT43a

Measurement Result:

Mode	Channel	6dB Emission Bandwidth (MHz)		conclusion
802.11a	149	Fig.1	16.32	P
	157	Fig.2	16.36	P
	165	Fig.3	16.36	P
802.11n HT20	149	Fig.4	17.60	P
	157	Fig.5	17.56	P
	165	Fig.6	17.56	P

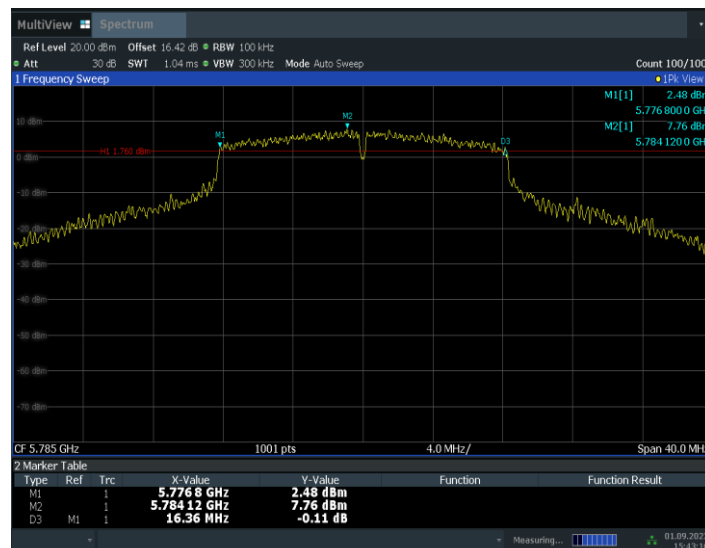
802.11ac (VHT40)	151	Fig.7	36.32	P
	159	Fig.8	36.00	P
802.11ac (VHT80)	155	Fig.9	76.00	P

Test graphs as below:



15:42:27 01.09.2023

Fig. 1 6dB Emission Bandwidth (802.11a, Ch 149)



15:43:16 01.09.2023

Fig. 2 6dB Emission Bandwidth (802.11a, Ch 157)

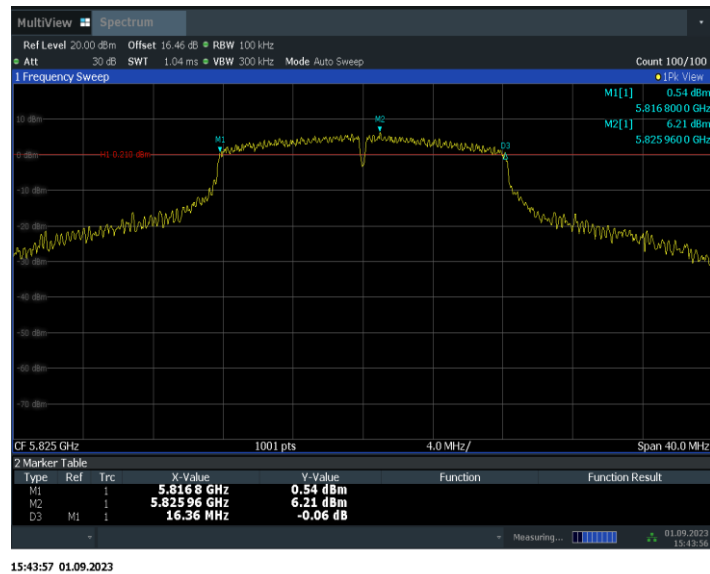


Fig. 3 6dB Emission Bandwidth (802.11a, Ch 165)

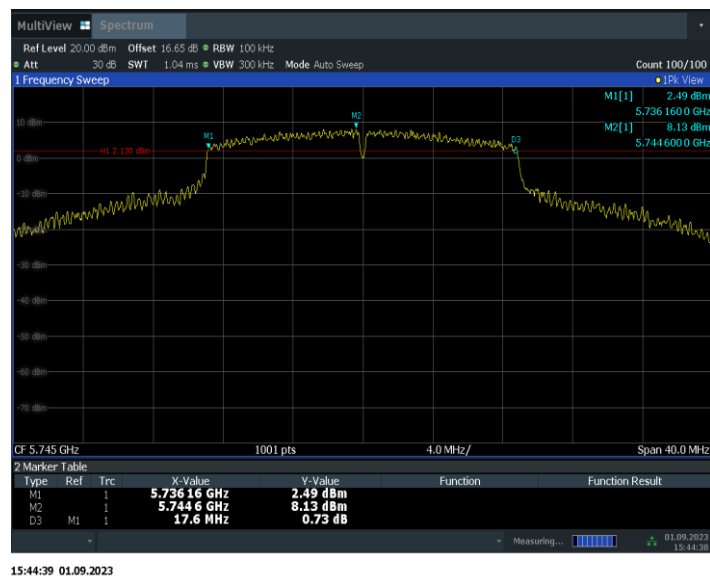


Fig. 4 6dB Emission Bandwidth (802.11n-HT20, Ch 149)

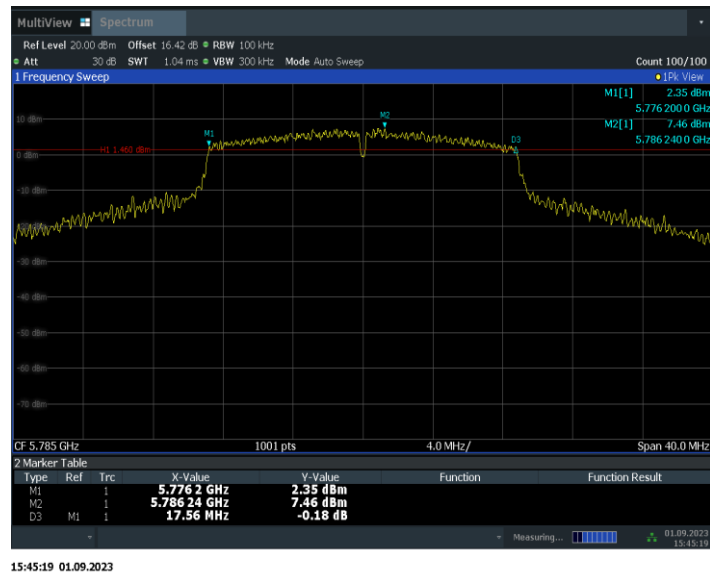


Fig. 5 6dB Emission Bandwidth (802.11n-HT20, Ch 157)

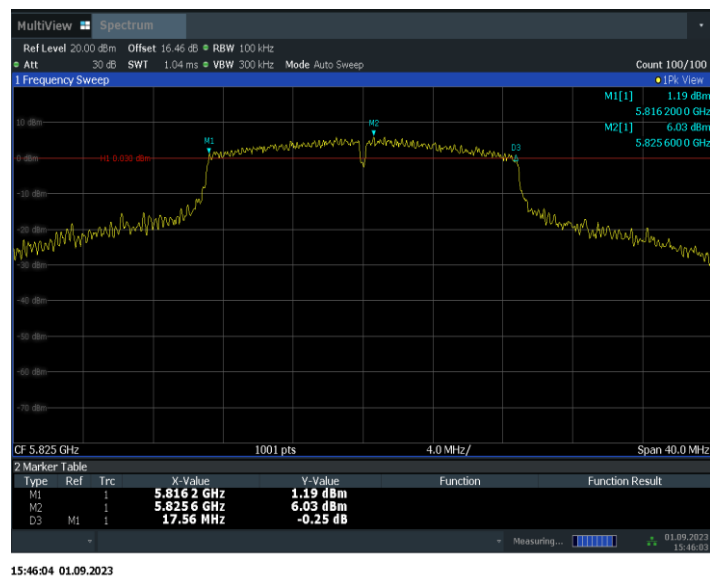


Fig. 6 6dB Emission Bandwidth (802.11n-HT20, Ch 165)

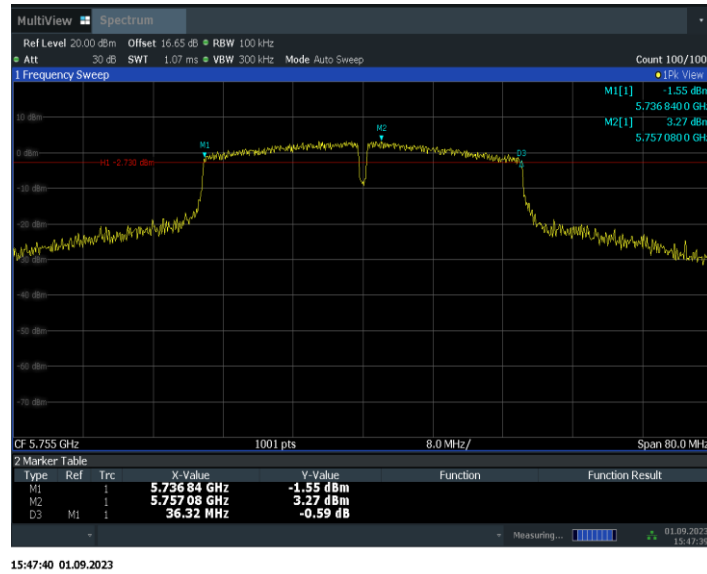


Fig. 7 6dB Emission Bandwidth (802.11ac-VHT40, Ch 151)

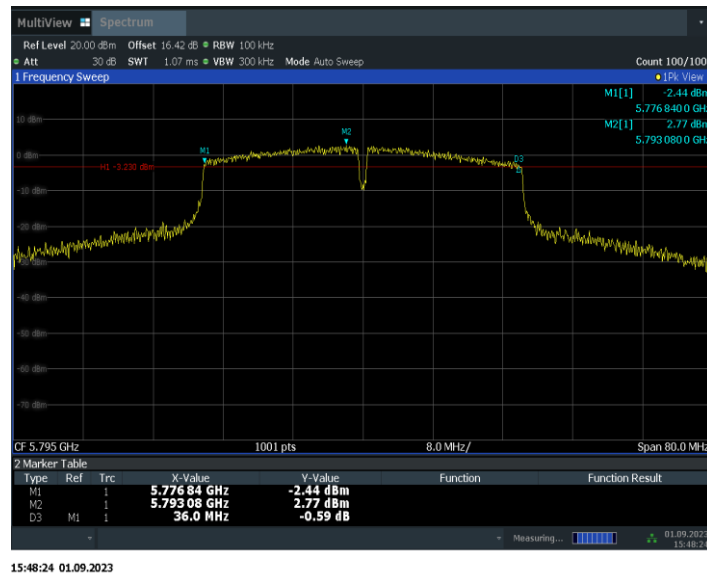


Fig. 8 6dB Emission Bandwidth (802.11ac-VHT40, Ch 159)

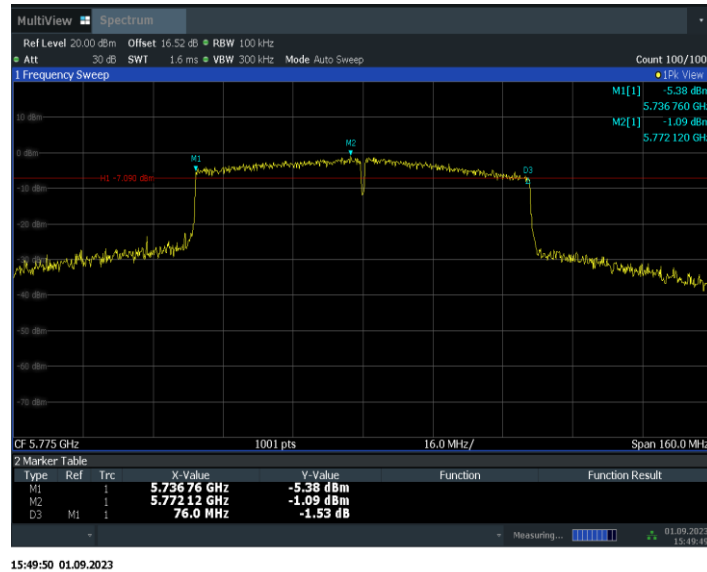


Fig. 9 6dB Emission Bandwidth (802.11ac-VHT80, Ch 155)

Conclusion: PASS

A.5. Transmitter Spurious Emission

A.5.1 Transmitter Spurious Emission - Radiated

Measurement Limit:

Standard	Limit (dBm/MHz)	
FCC 47 CFR Part 15.407	at the band edge	27
	at 5 MHz above or below the band edge	15.6
	at 25 MHz above or below the band edge	10
	at 75 MHz or more above or below the band edge	-27
	Note: Increasing linearly from point to point.	

The measurement is made according to KDB 789033

Measurement Results:

802.11a mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11a	149	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
	157	30 MHz ~1 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
		18 GHz ~ 26.5 GHz	---	P
		26.5 GHz~ 40 GHz	---	P

	165	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P

802.11n-HT20 mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11n (HT20)	149	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
	157	30 MHz ~1 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
		18 GHz ~ 26.5 GHz	---	P
		26.5 GHz~ 40 GHz	---	P
		26.5 GHz~ 40 GHz	---	P
	165	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P

802.11n-HT40 mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11n (HT40)	151	30 MHz ~1 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
		18 GHz ~ 26.5 GHz	---	P
		26.5 GHz~ 40 GHz	---	P
	159	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P

802.11ac-HT20 mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11ac (HT20)	149	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
	157	30 MHz ~1 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
		18 GHz ~ 26.5 GHz	---	P
		26.5 GHz~ 40 GHz	---	P
	165	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P

802.11ac-HT40 mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11ac (HT40)	151	30 MHz ~1 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
		18 GHz ~ 26.5 GHz	---	P
		26.5 GHz~ 40 GHz	---	P
	159	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P

802.11ac-HT80 mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11ac (HT80)	155	30 MHz ~1 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
		18 GHz ~ 26.5 GHz	---	P
		26.5 GHz~ 40 GHz	---	P

Conclusion: PASS

Note:

A "reference path loss" is established and the A_{Rpl} is the attenuation of "reference path loss", and including the gain of receive antenna, the gain of the preamplifier, the cable loss.

P_{Mea} is the field strength recorded from the instrument.

Average Results:
802.11a
Channel 149

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17960.400	40.93	-29.59	45.95	24.57	54.00	13.07	V
17982.400	40.86	-29.59	45.95	24.50	54.00	13.14	V
14491.000	36.29	-29.56	41.90	23.95	54.00	17.71	H
14492.650	36.21	-29.56	41.90	23.87	54.00	17.79	V
11876.300	34.83	-32.73	39.15	28.41	54.00	19.17	H
11864.750	34.58	-32.73	39.15	28.16	54.00	19.42	V

Channel 157

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17982.400	40.84	-29.59	45.95	24.48	54.00	13.16	V
17995.600	40.79	-29.59	45.95	24.43	54.00	13.21	H
14493.750	36.56	-29.56	41.90	24.22	54.00	17.44	V
14495.950	36.02	-29.56	41.90	23.68	54.00	17.98	V
11869.700	34.49	-32.73	39.15	28.07	54.00	19.51	H
11849.350	34.06	-32.73	39.15	27.64	54.00	19.94	H

Channel 165

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17960.950	40.95	-29.59	45.95	24.59	54.00	13.05	V
17976.350	40.80	-29.59	45.95	24.44	54.00	13.20	H
14484.400	36.02	-29.56	41.90	23.68	54.00	17.98	H
14473.400	35.90	-29.56	41.90	23.56	54.00	18.10	V
11886.200	34.46	-32.53	39.10	27.89	54.00	19.54	V
11873.000	34.36	-32.73	39.15	27.94	54.00	19.64	V

802.11n-HT20
Channel 149

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17973.600	41.33	-29.59	45.95	24.97	54.00	12.67	V
17970.300	40.90	-29.59	45.95	24.54	54.00	13.10	V
14489.900	36.37	-29.56	41.90	24.03	54.00	17.63	V
14491.550	36.19	-29.56	41.90	23.85	54.00	17.81	V
11852.100	34.33	-32.73	39.15	27.91	54.00	19.67	H
11781.150	34.31	-32.71	39.20	27.82	54.00	19.69	V

Channel 157

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17967.550	41.01	-29.59	45.95	24.65	54.00	12.99	V
17970.300	41.01	-29.59	45.95	24.65	54.00	12.99	V
14494.300	36.30	-29.56	41.90	23.96	54.00	17.70	V
14492.100	36.28	-29.56	41.90	23.94	54.00	17.72	V
11910.950	34.78	-32.53	39.10	28.21	54.00	19.22	V
11867.500	34.41	-32.73	39.15	27.99	54.00	19.59	V

Channel 165

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17995.600	41.17	-29.59	45.95	24.81	54.00	12.83	H
17967.000	40.80	-29.59	45.95	24.44	54.00	13.20	H
14486.600	36.38	-29.56	41.90	24.04	54.00	17.62	V
14485.500	36.29	-29.56	41.90	23.95	54.00	17.71	H
11875.750	34.48	-32.73	39.15	28.06	54.00	19.52	V
11862.550	34.37	-32.73	39.15	27.95	54.00	19.63	H

802.11n-HT40

Channel 151

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17962.600	40.82	-29.59	45.95	24.46	54.00	13.18	V
17967.550	40.67	-29.59	45.95	24.31	54.00	13.33	V
14475.600	35.62	-29.56	41.90	23.28	54.00	18.38	V
14485.500	35.62	-29.56	41.90	23.28	54.00	18.38	V
11863.650	34.15	-32.73	39.15	27.73	54.00	19.85	V
11892.250	33.84	-32.53	39.10	27.27	54.00	20.16	V

Channel 159

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17987.900	40.64	-29.59	45.95	24.28	54.00	13.36	V
17969.200	40.57	-29.59	45.95	24.21	54.00	13.43	V
14493.200	35.89	-29.56	41.90	23.55	54.00	18.11	V
14496.500	35.69	-29.56	41.90	23.35	54.00	18.31	V
11881.250	34.22	-32.53	39.10	27.65	54.00	19.78	V
11858.700	34.20	-32.73	39.15	27.78	54.00	19.80	V

802.11ac-HT20
Channel 149

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17982.950	41.05	-29.59	45.95	24.69	54.00	12.95	V
17991.750	40.86	-29.59	45.95	24.50	54.00	13.14	V
14499.800	36.30	-29.56	41.90	23.96	54.00	17.70	H
14496.500	36.16	-29.56	41.90	23.82	54.00	17.84	V
11885.100	34.14	-32.53	39.10	27.57	54.00	19.86	H
11893.900	34.02	-32.53	39.10	27.45	54.00	19.98	V

Channel 157

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17984.600	41.12	-29.59	45.95	24.76	54.00	12.88	H
17995.050	40.92	-29.59	45.95	24.56	54.00	13.08	V
14497.600	36.18	-29.56	41.90	23.84	54.00	17.82	V
14496.500	35.98	-29.56	41.90	23.64	54.00	18.02	H
11901.600	34.09	-32.53	39.10	27.52	54.00	19.91	H
11870.800	34.04	-32.73	39.15	27.62	54.00	19.96	H

Channel 165

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17951.600	40.73	-29.59	45.95	24.37	54.00	13.27	V
17995.050	40.63	-29.59	45.95	24.27	54.00	13.37	V
14491.550	36.38	-29.56	41.90	24.04	54.00	17.62	H
14497.600	35.91	-29.56	41.90	23.57	54.00	18.09	V
11857.050	34.23	-32.73	39.15	27.81	54.00	19.77	H
11798.200	34.16	-32.09	39.20	27.05	54.00	19.84	V

802.11ac-HT40

Channel 151

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17986.800	40.60	-29.59	45.95	24.24	54.00	13.40	V
17972.500	40.57	-29.59	45.95	24.21	54.00	13.43	V
14498.150	36.11	-29.56	41.90	23.77	54.00	17.89	H
14491.000	35.64	-29.56	41.90	23.30	54.00	18.36	V
11886.750	33.87	-32.53	39.10	27.30	54.00	20.13	H
11858.700	33.78	-32.73	39.15	27.36	54.00	20.22	H

Channel 159

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17972.500	40.94	-29.59	45.95	24.58	54.00	13.06	V
17996.700	40.64	-29.59	45.95	24.28	54.00	13.36	H
14494.850	35.84	-29.56	41.90	23.50	54.00	18.16	H
14497.050	35.63	-29.56	41.90	23.29	54.00	18.37	V
11869.700	34.35	-32.73	39.15	27.93	54.00	19.65	V
11868.600	34.09	-32.73	39.15	27.67	54.00	19.91	H

802.11ac-HT80

Channel 155

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17988.450	40.44	-29.59	45.95	24.08	54.00	13.56	V
17994.500	40.41	-29.59	45.95	24.05	54.00	13.59	V
14491.550	35.67	-29.56	41.90	23.33	54.00	18.33	H
14499.250	35.63	-29.56	41.90	23.29	54.00	18.37	V
11858.700	34.01	-32.73	39.15	27.59	54.00	19.99	V
11888.950	33.94	-32.53	39.10	27.37	54.00	20.06	H

Peak Results:
802.11a
Channel 149

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17989.550	50.69	-29.59	45.95	34.33	74.00	23.31	H
17959.850	50.33	-29.59	45.95	33.97	74.00	23.67	V
14574.600	47.97	-29.14	41.90	35.21	68.20	20.23	V
14539.400	47.75	-30.55	41.90	36.40	68.20	20.45	V
11777.850	44.91	-32.71	39.20	38.42	74.00	29.09	V
11876.300	44.14	-32.73	39.15	37.72	74.00	29.86	H

Channel 157

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17937.300	51.91	-29.59	45.95	35.55	74.00	22.09	H
17920.250	51.34	-29.59	45.95	34.98	74.00	22.66	V
14579.000	47.51	-29.14	41.90	34.75	68.20	20.69	V
14591.100	47.47	-29.14	41.90	34.71	68.20	20.73	V
11877.950	44.78	-32.73	39.15	38.36	74.00	29.22	V
9070.200	44.31	-34.52	37.70	41.13	74.00	29.69	V

Channel 165

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17849.850	51.18	-29.59	45.95	34.82	74.00	22.82	H
17876.800	50.67	-29.59	45.95	34.31	74.00	23.33	H
14691.750	47.15	-30.04	41.50	35.69	68.20	21.05	V
14702.750	47.15	-30.04	41.50	35.69	68.20	21.05	H
11858.150	44.48	-32.73	39.15	38.06	74.00	29.52	V
11837.800	44.13	-32.73	39.15	37.71	74.00	29.87	V

802.11n-HT20

Channel 149

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17965.900	51.73	-29.59	45.95	35.37	74.00	22.27	V
17997.250	50.77	-29.59	45.95	34.41	74.00	23.23	V
14580.650	48.12	-29.14	41.90	35.36	68.20	20.08	V
14729.700	47.82	-30.13	41.35	36.60	68.20	20.38	V
11873.550	44.89	-32.73	39.15	38.47	74.00	29.11	V
11868.600	44.60	-32.73	39.15	38.18	74.00	29.40	V

Channel 157

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17981.850	51.08	-29.59	45.95	34.72	74.00	22.92	V
17988.450	51.08	-29.59	45.95	34.72	74.00	22.92	V
14691.200	48.04	-30.04	41.50	36.58	68.20	20.16	V
14578.450	47.67	-29.14	41.90	34.91	68.20	20.53	H
11775.100	44.86	-32.71	39.20	38.37	74.00	29.14	H
11842.750	44.62	-32.73	39.15	38.20	74.00	29.38	V

Channel 165

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17854.800	52.45	-29.59	45.95	36.09	74.00	21.55	H
17995.600	51.68	-29.59	45.95	35.32	74.00	22.32	H
14580.650	48.02	-29.14	41.90	35.26	68.20	20.18	H
14627.950	47.82	-30.67	41.70	36.79	68.20	20.38	H
11799.850	44.93	-32.09	39.20	37.82	74.00	29.07	V
11768.500	44.81	-32.71	39.20	38.32	74.00	29.19	V

802.11n-HT40

Channel 151

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17955.450	50.84	-29.59	45.95	34.48	74.00	23.16	H
17973.050	50.11	-29.59	45.95	33.75	74.00	23.89	H
14709.350	47.97	-30.13	41.35	36.75	68.20	20.23	H
14678.550	47.28	-30.04	41.50	35.82	68.20	20.92	V
11769.600	44.08	-32.71	39.20	37.59	74.00	29.92	H
11887.850	44.07	-32.53	39.10	37.50	74.00	29.93	V

Channel 159

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17995.600	50.67	-29.59	45.95	34.31	74.00	23.33	V
17967.550	50.35	-29.59	45.95	33.99	74.00	23.65	H
14709.900	47.09	-30.13	41.35	35.87	68.20	21.11	V
14619.700	47.05	-30.67	41.70	36.02	68.20	21.15	V
11910.950	44.88	-32.53	39.10	38.31	74.00	29.12	H
11882.350	44.37	-32.53	39.10	37.80	74.00	29.63	V

802.11ac-HT20
Channel 149

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17979.100	51.17	-29.59	45.95	34.81	74.00	22.83	V
17968.650	50.70	-29.59	45.95	34.34	74.00	23.30	V
14593.850	47.96	-29.14	41.90	35.20	68.20	20.24	V
14500.900	47.63	-29.56	41.90	35.29	68.20	20.57	V
11868.600	44.11	-32.73	39.15	37.69	74.00	29.89	H
11866.950	44.02	-32.73	39.15	37.60	74.00	29.98	V

Channel 157

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17976.900	51.42	-29.59	45.95	35.06	74.00	22.58	V
17992.850	51.19	-29.59	45.95	34.83	74.00	22.81	H
14569.100	48.23	-29.14	41.90	35.47	68.20	19.97	V
14693.400	48.20	-30.04	41.50	36.74	68.20	20.00	H
11744.850	45.04	-32.71	39.20	38.55	74.00	28.96	H
11873.000	44.17	-32.73	39.15	37.75	74.00	29.83	H

Channel 165

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17998.350	50.86	-29.59	45.95	34.50	74.00	23.14	H
17971.950	50.71	-29.59	45.95	34.35	74.00	23.29	V
14695.050	48.38	-30.04	41.50	36.92	68.20	19.82	V
14577.350	47.90	-29.14	41.90	35.14	68.20	20.30	V
11886.750	44.75	-32.53	39.10	38.18	74.00	29.25	H
11298.250	44.45	-32.41	38.70	38.16	74.00	29.55	V

802.11ac-HT40

Channel 151

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17993.950	50.72	-29.59	45.95	34.36	74.00	23.28	H
17957.100	50.41	-29.59	45.95	34.05	74.00	23.59	V
14603.200	47.96	-29.14	41.90	35.20	68.20	20.24	H
14656.550	47.11	-30.04	41.50	35.65	68.20	21.09	H
11880.150	44.54	-32.73	39.15	38.12	74.00	29.46	V
11770.150	44.49	-32.71	39.20	38.00	74.00	29.51	H

Channel 159

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17954.900	50.75	-29.59	45.95	34.39	74.00	23.25	H
17979.100	50.47	-29.59	45.95	34.11	74.00	23.53	V
14589.450	47.82	-29.14	41.90	35.06	68.20	20.38	V
14702.200	47.56	-30.04	41.50	36.10	68.20	20.64	H
10389.100	44.45	-33.64	38.10	39.99	68.20	23.75	H
11800.950	44.12	-32.09	39.20	37.01	74.00	29.88	H

802.11ac-HT80

Channel 155

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17963.150	50.89	-29.59	45.95	34.53	74.00	23.11	H
17998.350	50.58	-29.59	45.95	34.22	74.00	23.42	H
14674.150	47.18	-30.04	41.50	35.72	68.20	21.02	H
14605.950	47.09	-30.67	41.70	36.06	68.20	21.11	V
11853.200	45.02	-32.73	39.15	38.60	74.00	28.98	H
11892.250	43.87	-32.53	39.10	37.30	74.00	30.13	V

A.6. Band Edges Compliance

A6.1 Band Edges - Radiated

Measurement Limit:

Standard	Limit (dBm/MHz)	
FCC 47 CFR Part 15.407	at the band edge	27
	at 5 MHz above or below the band edge	15.6
	at 25 MHz above or below the band edge	10
	at 75 MHz or more above or below the band edge	-27
	Note: increasing linearly from point to point.	

Measurement Result:

Mode	Channel	Test Results	Conclusion
802.11a	5745 MHz	Fig.10	P
	5825 MHz	Fig.11	P
802.11n HT20	5745 MHz	Fig.12	P
	5825 MHz	Fig.13	P
802.11n HT40	5755 MHz	Fig.14	P
	5795 MHz	Fig.15	P
802.11ac HT20	5745 MHz	Fig.16	P
	5825 MHz	Fig.17	P
802.11ac HT40	5755 MHz	Fig.18	P
	5795 MHz	Fig.19	P
802.11ac HT80	5775 MHz	Fig.20 Fig.21	P

Conclusion: PASS

Test graphs as below:

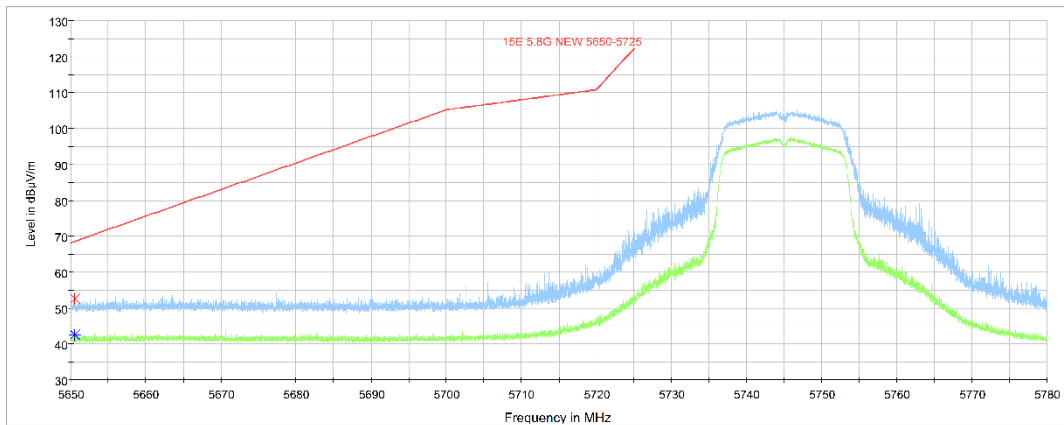


Fig. 10 Band Edges (802.11a Ch149,5745MHz)

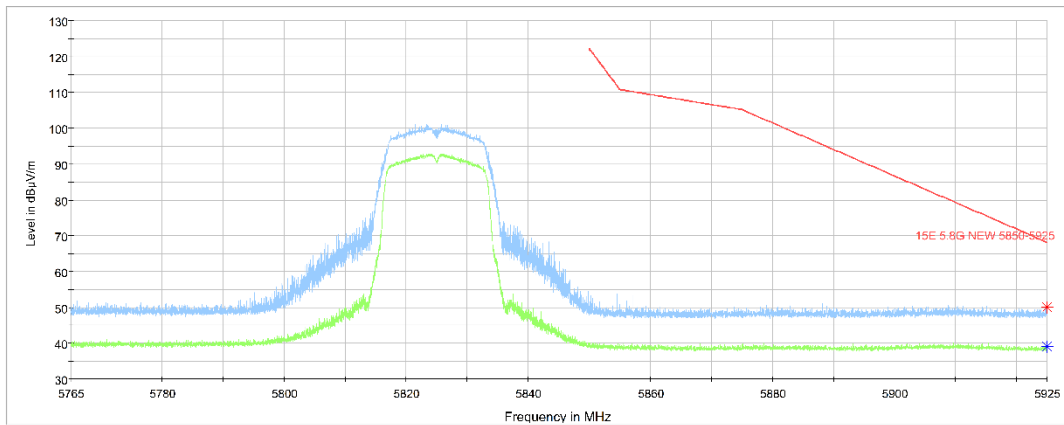


Fig. 11 Band Edges (802.11a Ch165, 5825MHz)

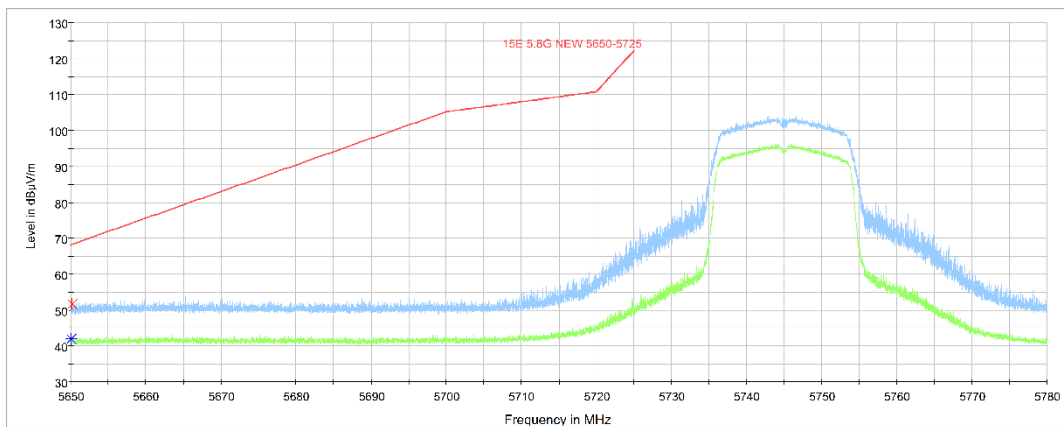


Fig. 12 Band Edges (802.11n-HT20 Ch149, 5745MHz)

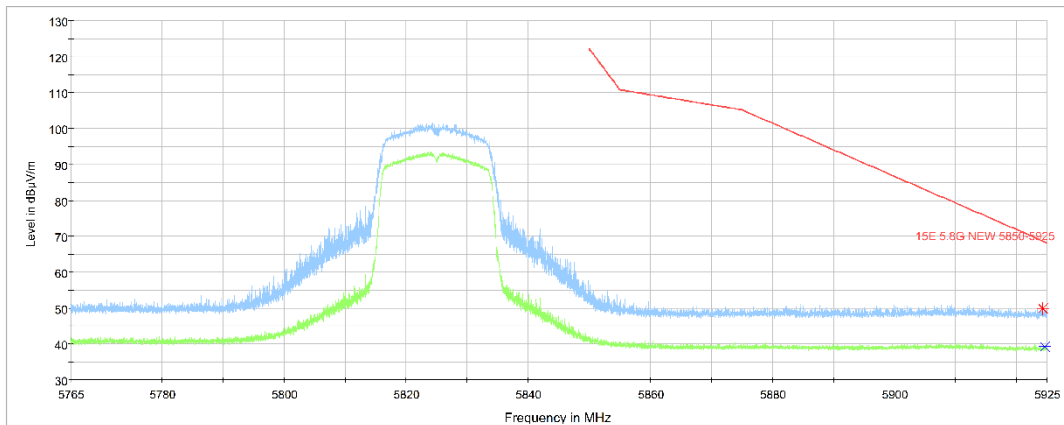


Fig. 13 Band Edges (802.11n-HT20 Ch165, 5825MHz)

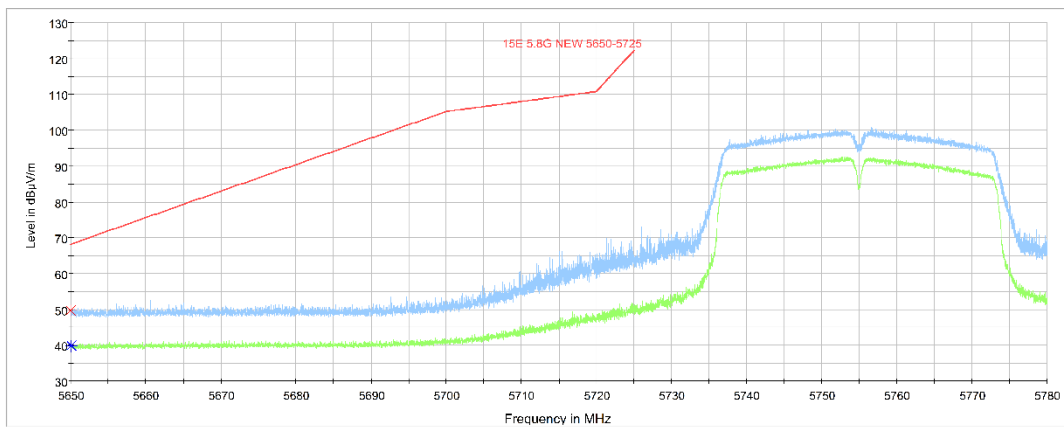


Fig. 14 Band Edges (802.11n-HT40 Ch151, 5755MHz)

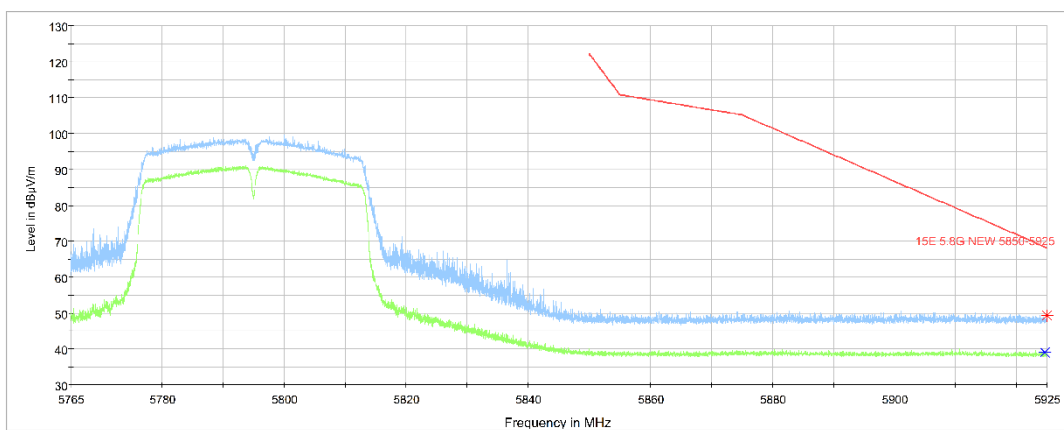


Fig. 15 Band Edges (802.11n-HT40 Ch159, 5795MHz)

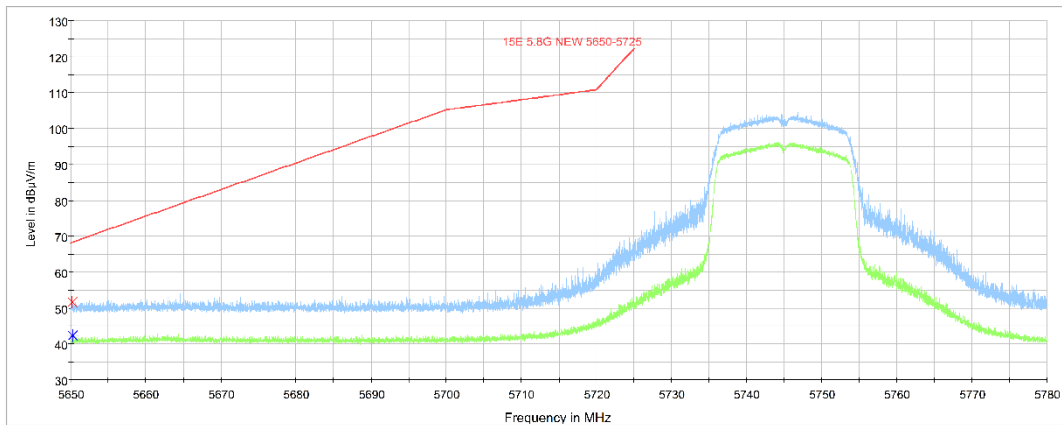


Fig. 16 Band Edges (802.11ac-HT20 Ch149, 5745MHz)

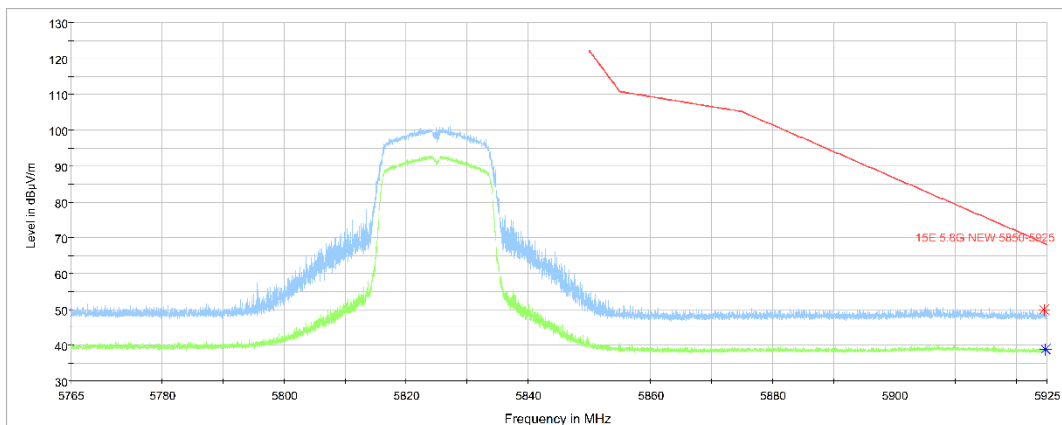


Fig. 17 Band Edges (802.11ac-HT20 Ch165, 5825MHz)

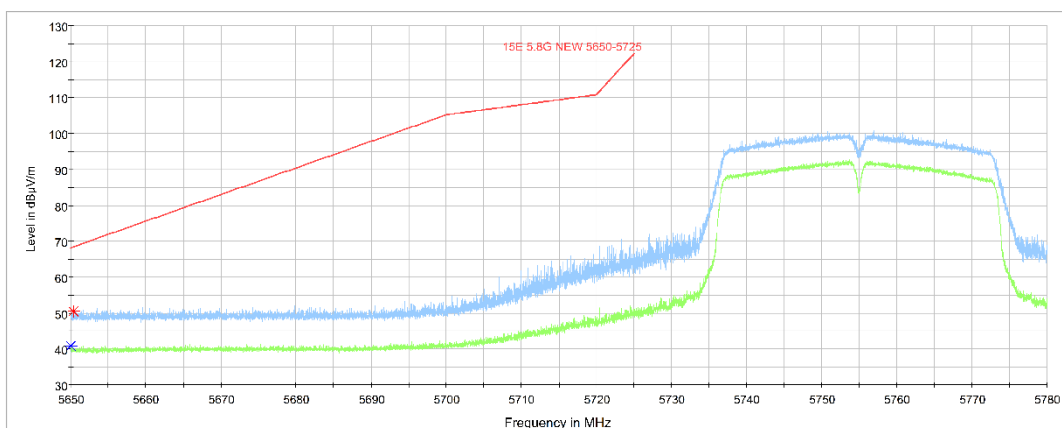


Fig. 18 Band Edges (802.11ac-HT40 Ch151, 5755MHz)

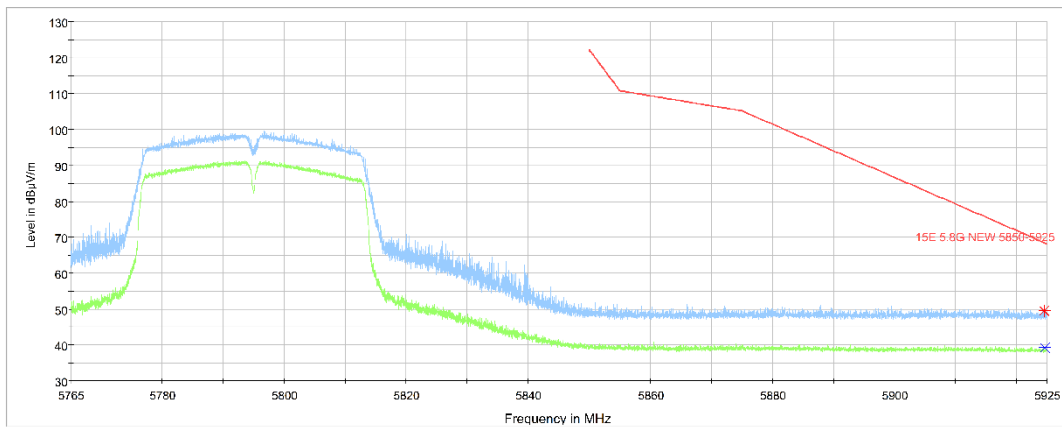


Fig. 19 Band Edges (802.11ac-HT40 Ch159, 5795MHz)

Full Spectrum

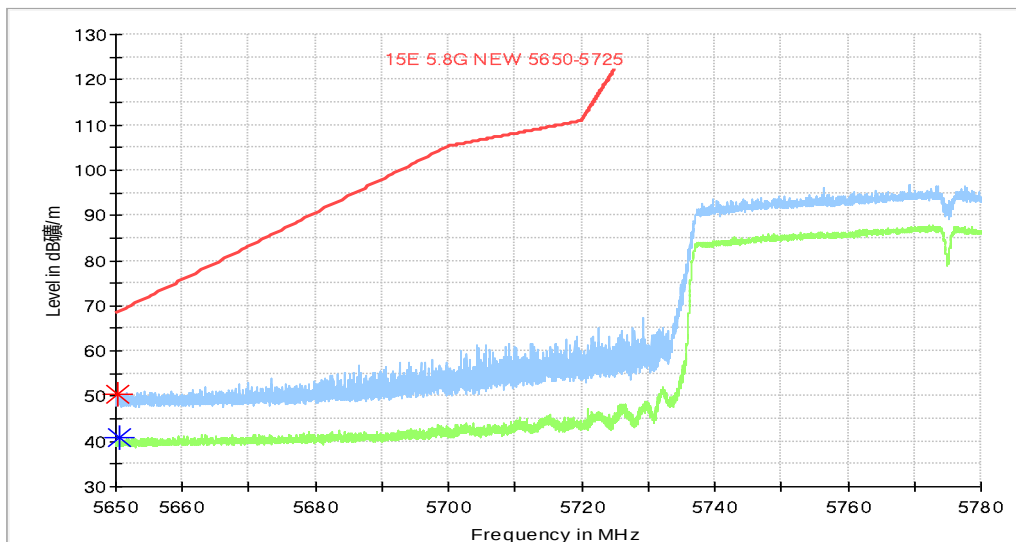


Fig. 20 Band Edges (802.11ac-HT80 Ch155, 5775MHz)

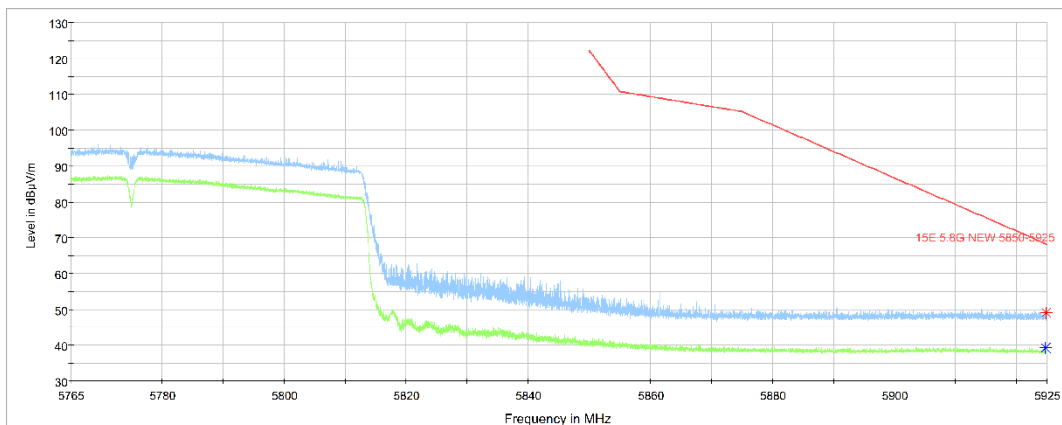


Fig. 21 Band Edges (802.11ac-HT80, 5775MHz)

A.7. AC Powerline Conducted Emission

Test Condition:

Voltage (V)	Frequency (Hz)
120	60

Measurement uncertainty:

Expanded measurement uncertainty for this test item is $U = 3.08\text{dB}$, $k=2$.

Measurement Result and limit:

WLAN (Quasi-peak Limit)

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Result (dBμV)		Conclusion
		With charger		
		802.11a	Idle	
0.15 to 0.5	66 to 56	Fig.22	Fig.23	P
0.5 to 5	56			
5 to 30	60			
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

WLAN (Average Limit)

Frequency range (MHz)	Average Limit (dBμV)	Result (dBμV)		Conclusion
		With charger		
		802.11a	Idle	
0.15 to 0.5	56 to 46	Fig.22	Fig.23	P
0.5 to 5	46			
5 to 30	50			
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

The measurement is made according to ANSI C63.10 .

Conclusion: PASS

Test graphs as below:

Traffic:

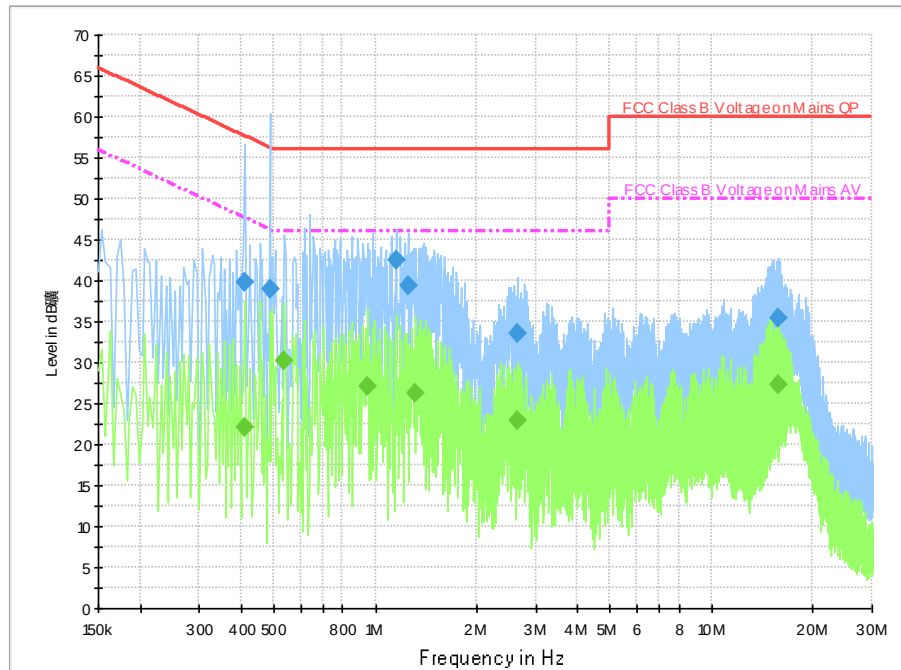


Fig. 22 AC Power line Conducted Emission-802.11a

Note1: The graphic result above is the maximum of the measurements for both phase line and neutral line.

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	Meas. Time	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)	Comment
0.410000	39.9	2000.	9.000	On	N	19.7	17.8	57.6	
0.486000	38.9	2000.	9.000	On	L1	19.7	17.3	56.2	
1.150000	42.4	2000.	9.000	On	L1	19.7	13.6	56.0	
1.250000	39.4	2000.	9.000	On	L1	19.6	16.6	56.0	
2.646000	33.5	2000.	9.000	On	N	19.6	22.5	56.0	
15.734000	35.5	2000.	9.000	On	N	19.7	24.5	60.0	

Final Result 2

Frequency (MHz)	QuasiPeak (dBμV)	Meas. Time	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)	Comment
0.410000	22.1	2000.	9.000	On	N	19.7	25.6	47.6	
0.538000	30.3	2000.	9.000	On	L1	19.7	15.7	46.0	
0.950000	27.0	2000.	9.000	On	L1	19.7	19.0	46.0	
1.314000	26.2	2000.	9.000	On	L1	19.6	19.8	46.0	
2.638000	22.8	2000.	9.000	On	L1	19.6	23.2	46.0	
15.858000	27.2	2000.	9.000	On	L1	19.7	22.8	50.0	

Note2: The measurement results showed here are worst cases of the combinations of different cables and chargers

Idle:

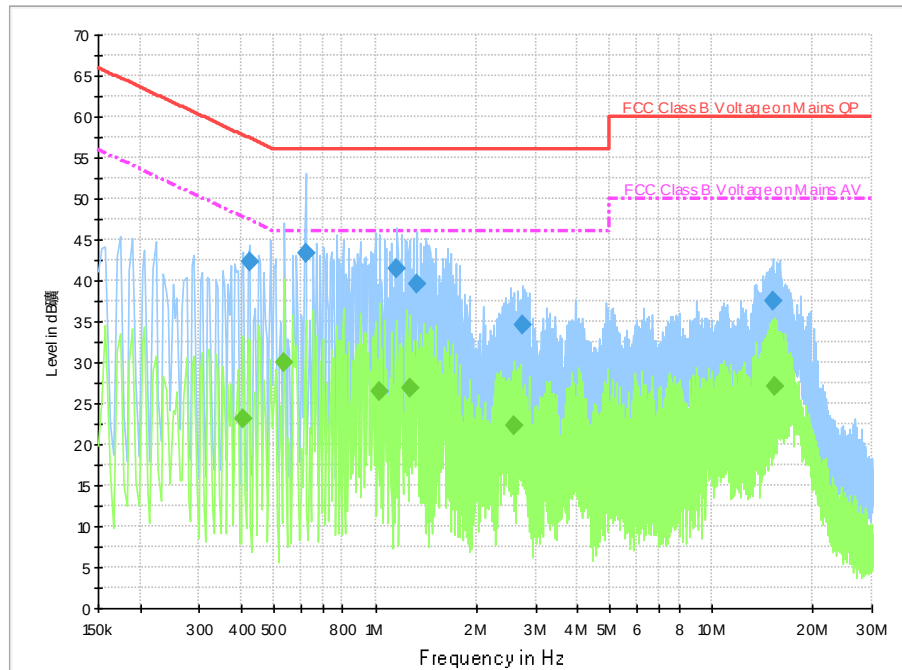


Fig. 23 AC Power line Conducted Emission-Idle

Note1: The graphic result above is the maximum of the measurements for both phase line and neutral line.

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	Meas. Time	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)	Comment
0.422000	42.3	2000.	9.000	On	L1	19.7	15.1	57.4	
0.622000	43.4	2000.	9.000	On	L1	19.7	12.6	56.0	
1.162000	41.4	2000.	9.000	On	N	19.6	14.6	56.0	
1.330000	39.6	2000.	9.000	On	N	19.6	16.4	56.0	
2.742000	34.6	2000.	9.000	On	N	19.6	21.4	56.0	
15.206000	37.4	2000.	9.000	On	L1	19.7	22.6	60.0	

Final Result 2

Frequency (MHz)	QuasiPeak (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)	Comment
0.406000	23.2	2000.0	9.000	On	L1	19.7	24.5	47.7	
0.538000	30.0	2000.0	9.000	On	L1	19.7	16.0	46.0	
1.030000	26.5	2000.0	9.000	On	N	19.6	19.5	46.0	
1.266000	26.8	2000.0	9.000	On	L1	19.7	19.2	46.0	
2.598000	22.2	2000.0	9.000	On	L1	19.6	23.8	46.0	
15.498000	27.2	2000.0	9.000	On	L1	19.7	22.8	50.0	

Note2: The measurement results showed here are worst cases of the combinations of different cables and chargers

ANNEX B: EUT parameters

Disclaimer: The antenna gain and worse case provided by the client may affect the validity of the measurement results in this report, and the client shall bear the impact and consequences arising therefrom.

ANNEX C: Accreditation Certificate



*** END OF REPORT BODY ***