

TEST REPORT

Report No.: SHE19090021-01HE

Date: 2019-12-11

Page 1 of 44

Applicant : Shanghai ZoomSmart Technology Co.,Ltd.
Address of Applicant : Room 802 Hengxi Road No.809 Pujiang Town Minhang district, Shanghai, China

Product Name : Rugged Phone
Model No. : LT600
Sample No. : E19090021-01#03
E19090021-01#05
FCC ID : 2AUFL-LT600

Standards : FCC CFR47 Part 15, Subpart C

Date of Receipt : 2019-09-16
Date of Test : 2019-09-23 ~ 2019-11-27
Date of Issue : 2019-12-11

Remark:

This report details the results of the testing carried out on one sample, the results contained in this report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

Prepared by: Jennifer Zhou Reviewed by: Adrian Shi Approved by: Guoyou Chi
(Jennifer Zhou) (Adrian Shi) (Authorized signatory: Guoyou Chi)

TEST REPORT

Report No.: SHE19090021-01HE

Date: 2019-12-11

Page 2 of 44

Revision Record			
Version	Date	Revisions	Revised By
1.0	2019-12-11	Original	--

TEST REPORT

Report No.: SHE19090021-01HE

Date: 2019-12-11

Page 3 of 44

Contents

1	GENERAL INFORMATION	4
1.1	TESTING LABORATORY	4
1.2	DETAILS OF APPLICATION	4
1.3	DETAILS OF EUT	4
1.4	TEST METHODOLOGY	5
1.5	TEST VERDICT	5
2	TEST CONDITION	6
2.1	TEST FACILITY	6
2.2	ENVIRONMENTAL CONDITIONS	6
2.3	EQUIPMENT LIST	6
2.4	MEASUREMENT UNCERTAINTY	6
3	TEST SET-UP AND OPERATION MODES	7
3.1	DETAILS OF TEST MODE	7
3.2	SPECIAL ACCESSORIES AND AUXILIARY EQUIPMENT	7
3.3	SUPPORT SOFTWARE	7
3.4	TEST SETUP DIAGRAM	8
4	TEST RESULTS	10
4.1	TRANSMITTER REQUIREMENT & TEST SUITES	10
4.1.1	<i>Antenna Requirement</i>	10
4.1.2	<i>Peak Output Power</i>	11
4.1.3	<i>6dB Bandwidth and 99% Bandwidth</i>	12
4.1.4	<i>Power Spectral Density</i>	18
4.1.5	<i>Conducted Spurious Emission & Authorized-band band-edge</i>	24
4.1.6	<i>Spurious Emission</i>	37
4.1.7	<i>Band Edge (Restricted-band band-edge)</i>	38
4.2	MAINS EMISSIONS	39
4.2.1	<i>Conducted Emission on AC Mains</i>	39
5	APPENDIXES	42
5.1	PHOTOGRAPHS OF THE SAMPLE	42
5.2	SET-UP FOR CONDUCTED EMISSIONS	43
5.3	SET-UP FOR CONDUCTED RF TEST AT ANTENNA PORT	43
5.4	SET-UP FOR SPURIOUS EMISSIONS BELOW 1GHZ	44
5.5	SET-UP FOR SPURIOUS EMISSIONS ABOVE 1GHZ	44

TEST REPORT

Report No.: SHE19090021-01HE

Date: 2019-12-11

Page 4 of 44

1 General Information

1.1 Testing Laboratory

Company Name	ICAS Testing Technology Services (Shanghai) Co., Ltd.
Address	155 Pingbei Rd, Minhang District, Shanghai, China
Telephone	0086 21-51682999
Fax	0086 21-54711112
Homepage	www.icasiso.com

1.2 Details of Application

Company Name	Shanghai ZoomSmart Technology Co.,Ltd.
Address	Room 802 Hengxi Road No.809 Pujiang Town Minhang district, Shanghai, China
Contact Person	yc.qiao
Telephone	15800844215
Email	yc.qiao@zoomsmart.com.cn

1.3 Details of EUT

Product Name	Rugged Phone
Brand Name	ZOOMSMART
Model No.	LT600
FCC ID	2AUFL-LT600
Mode of Operation	WLAN 802.11b/g/n(HT20)
Frequency Range	2400MHz ~ 2483.5MHz
Channel Separation	5 MHz
Modulation Type	DSSS, OFDM
Antenna Type	Internal Antenna
Antenna Gain	2.03 dBi
Extreme Temperature Range	0℃~ +40℃
Test Voltage	DC 3.85V

TEST REPORT

Report No.: SHE19090021-01HE

Date: 2019-12-11

Page 5 of 44

1.4 Test Methodology

47 CFR Part 15, Subpart C	Miscellaneous Wireless Communications Services
KDB Publication 558074 D01 v05r02	15.247 Meas Guidance.
KDB Publication 662911 D01 v02r01	Emissions Testing of Transmitters with Multiple Outputs in the Same Band (e.g., MIMO, Smart Antenna, etc)
ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices

Note(s):

All test items were verified and recorded according to the standards and without any addition/deviation/exclusion during the test.

1.5 Test Verdict

No.	FCC Part No.	ISED Part No.	Description	Test Result	Verdict
1	15.203	RSS-247, 5.4(6)	Antenna Requirement	Clause 4.1.1	PASS
2	15.247(b)	RSS-247, 5.4(4)	Peak Output Power	Clause 4.1.2	PASS
3	15.247(a)	RSS-Gen, 6.6; RSS-247, 5.2(1)	6dB Bandwidth and 99% Bandwidth	Clause 4.1.3	PASS
4	15.247(e)	RSS-247, 5.2(2)	Power Spectral Density	Clause 4.1.4	PASS
5	15.247(d), 15.209	RSS0Gen, 8.9; RSS-247, 5.5	Conducted Spurious Emission & Authorized-band band-edge	Clause 4.1.5	PASS
6	15.247(d), 15.205, 15.209	RSS-247, 5.5	Spurious Emission	Clause 4.1.6	PASS
7	15.247(d), 15.205, 15.209	RSS-247, 5.5	Band Edge (Restricted-band band-edge)	Clause 4.1.7	PASS
8	15.207(a)	RSS-Gen 8.8	Conducted Emission	Clause 4.2.1	PASS

TEST REPORT

Report No.: SHE19090021-01HE

Date: 2019-12-11

Page 6 of 44

2 Test Condition

2.1 Test Facility

2.2 Environmental conditions

Temperature (°C)	18-25
Humidity (%RH)	40-65
Barometric Pressure (mbar)	960-1060

2.3 Equipment List

Name of Equipment	Manufacturer	Model	Serial No.	Cal. Due Date
Spectrum Analyzer	Keysight	N9020B	MY59260184	2020-07-28
Spectrum Analyzer	Rohde & Schwarz	FSV40N	101450	2020-06-24
EMI Test Receiver	Rohde & Schwarz	ESPI3	100173	2020-06-19
EMI Test Receiver	Rohde & Schwarz	ESR 7	101911	2020-06-19
V-network	SCHWARZBECK	NSLK 8127	8127-902	2020-02-20
Wideband Radio Communication Tester	Rohde & Schwarz	CMW 500	100687	2020-08-22
Broadband Antenna	SCHWARZBECK	VULB9163	9163-1037	2020-06-06
Horn Antenna-18G	SCHWARZBECK	BBHA9120D	9120D-1775	2020-06-06
Loop Antenna	SCHWARZBECK	FMZB 1513	N/A	2021-03-19
Horn Antenna-40G	YINGLIAN	LB-180400-KF	N/A	2020-07-26
EMC chamber 9*6*6 (L*W*H)	CHANGNING	966	N/A	2020-06-26
Shielded Enclosure 8*5*4 (L*W*H)	CHANGNING	854	N/A	2020-08-28
Test Software	BL	BL410_E	N/A	N/A

2.4 Measurement Uncertainty

Parameter	Frequency	Uncertainty
Antenna Port Conducted Emission	< 1GHz	± 1.5 dB
	> 1GHz	± 1.5 dB
Radiated Emission	30 MHz – 1 GHz	± 3 dB
	> 1GHz	± 3 dB

TEST REPORT

Report No.: SHE19090021-01HE

Date: 2019-12-11

Page 7 of 44

3 Test Set-up and Operation Modes

3.1 Details of Test Mode

Using test software was control EUT work in continuous transmitter and receiver mode. Select test channel as below:
For 802.11b/g/n (HT20)

Channel	Frequency
The lowest channel(CH1)	2412MHz
The middle channel(CH6)	2437MHz
The Highest channel(CH11)	2462MHz

Through Pre-scan under all rate at lowest channel, the data rate as below table described is the worst case, so we choose these data rate for test.

Type	Data rate
802.11b	11Mbps
802.11g	54Mbps
802.11n(20M)	MCS7

The basic operation modes are:

- A. On
 - 1. WLAN mode
 - a. Transmitting
 - i. Low Channel
 - ii. Middle Channel
 - iii. High Channel
 - b. Receiving
- B. Standby
- C. Off

3.2 Special Accessories and Auxiliary Equipment

Description	Manufacturer	Model No.	Serial No.
Laptop	Lenovo	TP00083A	N/A

3.3 Support Software

Description	Manufacturer	Software Name
Software	Qualcomm	QRCT3

TEST REPORT

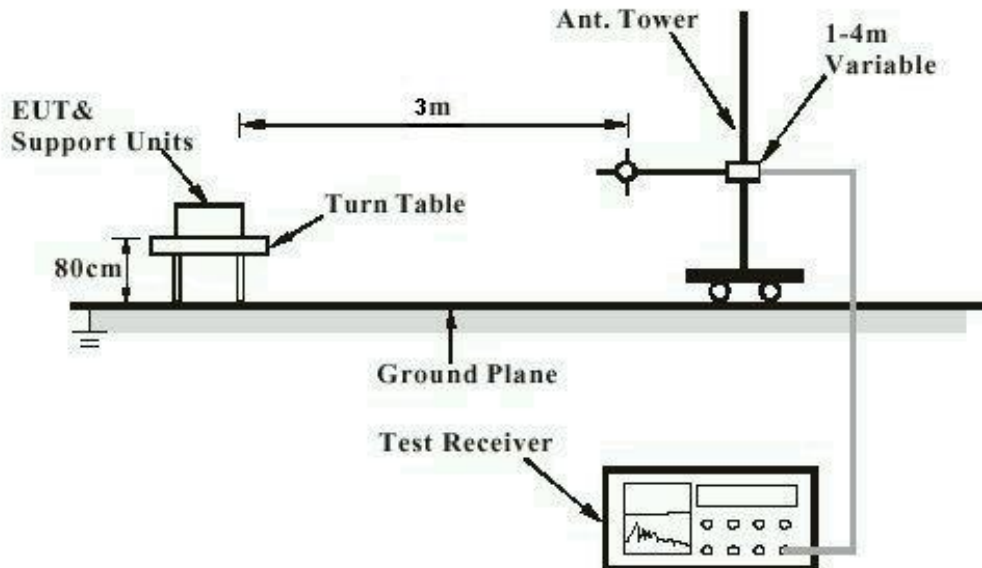
Report No.: SHE19090021-01HE

Date: 2019-12-11

Page 8 of 44

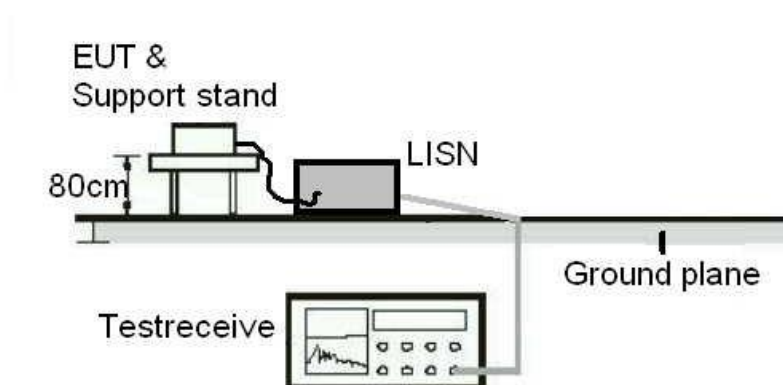
3.4 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test



Note: Measurements above 1GHz are done with a table height of 1.5m. In addition, there is RF absorbing material on the floor of the test site for above 1GHz measurement.

Diagram of Measurement Equipment Configuration for Conduction Measurement



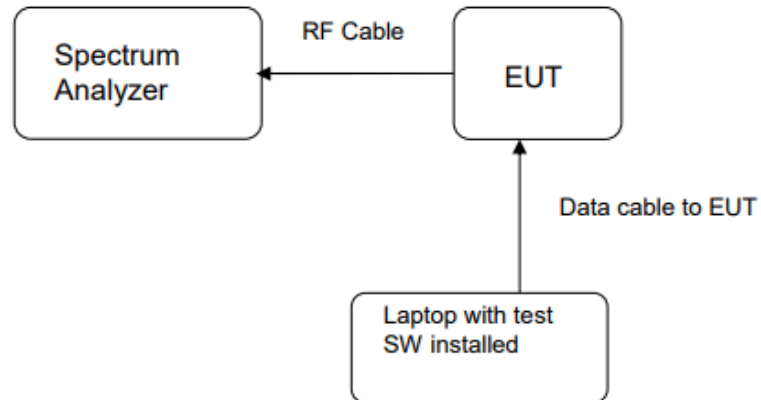
TEST REPORT

Report No.: SHE19090021-01HE

Date: 2019-12-11

Page 9 of 44

Diagram of Measurement Equipment Configuration for Transmitter Measurement



TEST REPORT

Report No.: SHE19090021-01HE

Date: 2019-12-11

Page 10 of 44

4 Test Results

4.1 Transmitter Requirement & Test Suites

4.1.1 Antenna Requirement

RESULT:

PASS

Test standard : FCC Part 15.247(b)(4), Part 15.203

Requirement : The use of approved antennas only with directional gains that do not exceed 6 dBi

According to the manufacturer declaration, the EUT has an antenna with a directional gain of 2.03 dBi. The antenna is an internal antenna with no possibility of replacement with a non-approved antenna by the end-user.

Therefore, the EUT is considered to comply with this provision.

TEST REPORT

Report No.: SHE19090021-01HE

Date: 2019-12-11

Page 11 of 44

4.1.2 Peak Output Power

RESULT:

PASS

Test standard : FCC Part 15.247(b)(3)

Requirement : ANSI C63.10-2013, KDB 558074

Kind of test site : Shielded room

Test setup

Test Channel : Low/Middle/High

Operation Mode : A.1.a

Ambient temperature : 25°C

Relative humidity : 52%

Table 1: Peak Output Power

Test Mode	Test Channel (MHz)	Measured Peak Power		Limit (W)
		(dBm)	(mW)	
802.11b	2412	17.08	51.05	< 1
	2437	16.03	40.09	
	2462	16.75	47.32	
802.11g	2412	14.06	25.47	
	2437	12.99	19.91	
	2462	13.36	21.68	
802.11n(HT20)	2412	14.41	27.61	
	2437	13.11	20.46	
	2462	13.83	24.15	

TEST REPORT

Report No.: SHE19090021-01HE

Date: 2019-12-11

Page 12 of 44

4.1.3 6dB Bandwidth and 99% Bandwidth

RESULT:

PASS

Test standard : FCC Part 15.247(a)(2)

Requirement : ANSI C63.10-2013, KDB 558074

Kind of test site : Shielded room

Test setup

Test Channel : Low/Middle/High

Operation Mode : A.1.a

Ambient temperature : 25°C

Relative humidity : 52%

Table 2: 6dB Bandwidth and 99% Bandwidth

Test Mode	Test Channel (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)	6 dB Bandwidth Limit (MHz)
802.11b	2412	7.392	12.116	0.5
	2437	7.840	12.122	
	2462	7.719	12.068	
802.11g	2412	16.530	16.520	
	2437	16.530	16.502	
	2462	16.500	16.479	
802.11n(HT20)	2412	17.410	17.704	
	2437	17.760	17.688	
	2462	17.690	17.647	

TEST REPORT

Report No.: SHE19090021-01HE

Date: 2019-12-11

Page 13 of 44

Figure 1: 6dB Bandwidth and 99% Bandwidth, 802.11b, 2412MHz

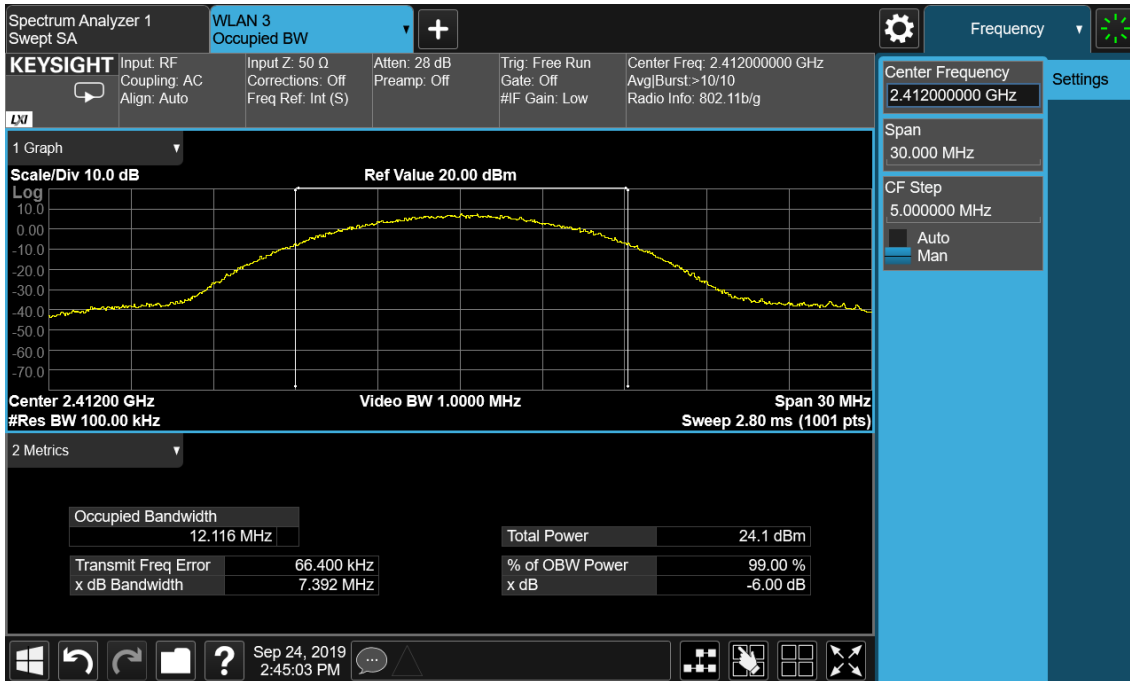
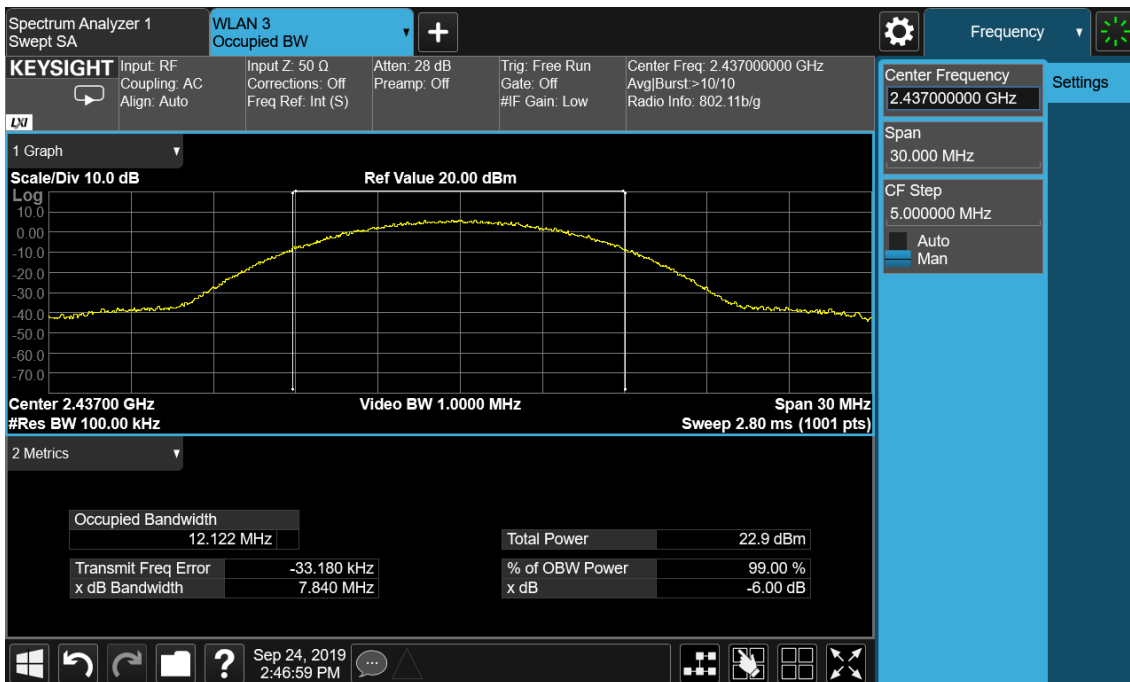


Figure 2: 6dB Bandwidth and 99% Bandwidth, 802.11b, 2437MHz



TEST REPORT

Report No.: SHE19090021-01HE

Date: 2019-12-11

Page 14 of 44

Figure 3: 6dB Bandwidth and 99% Bandwidth, 802.11b, 2462MHz

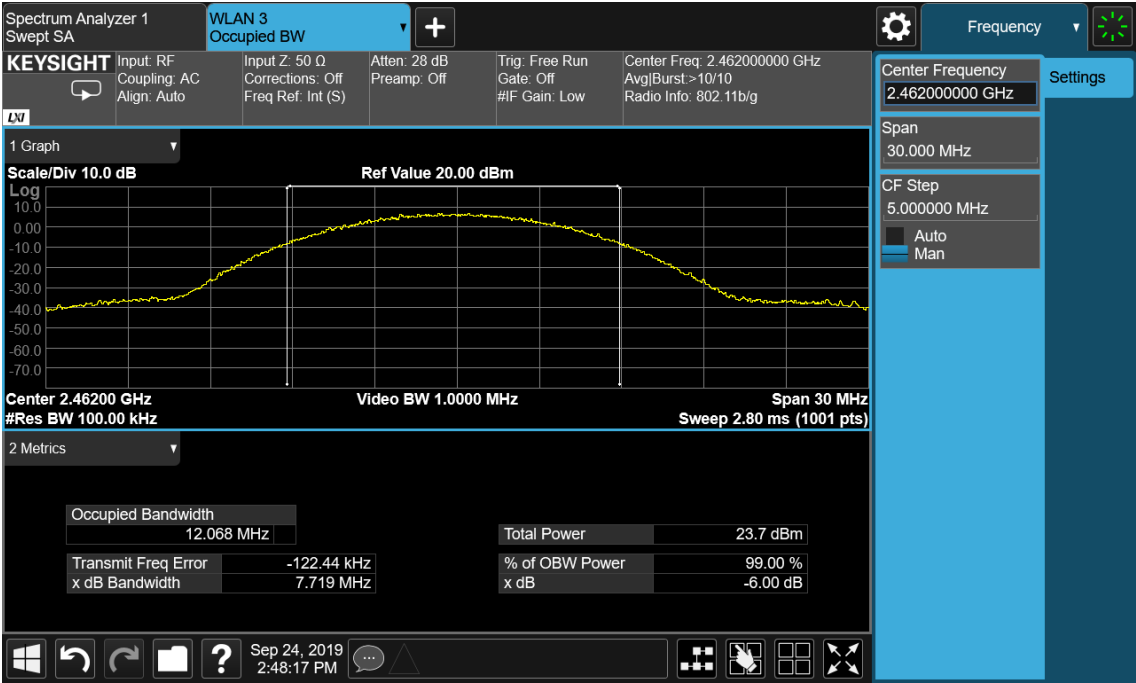
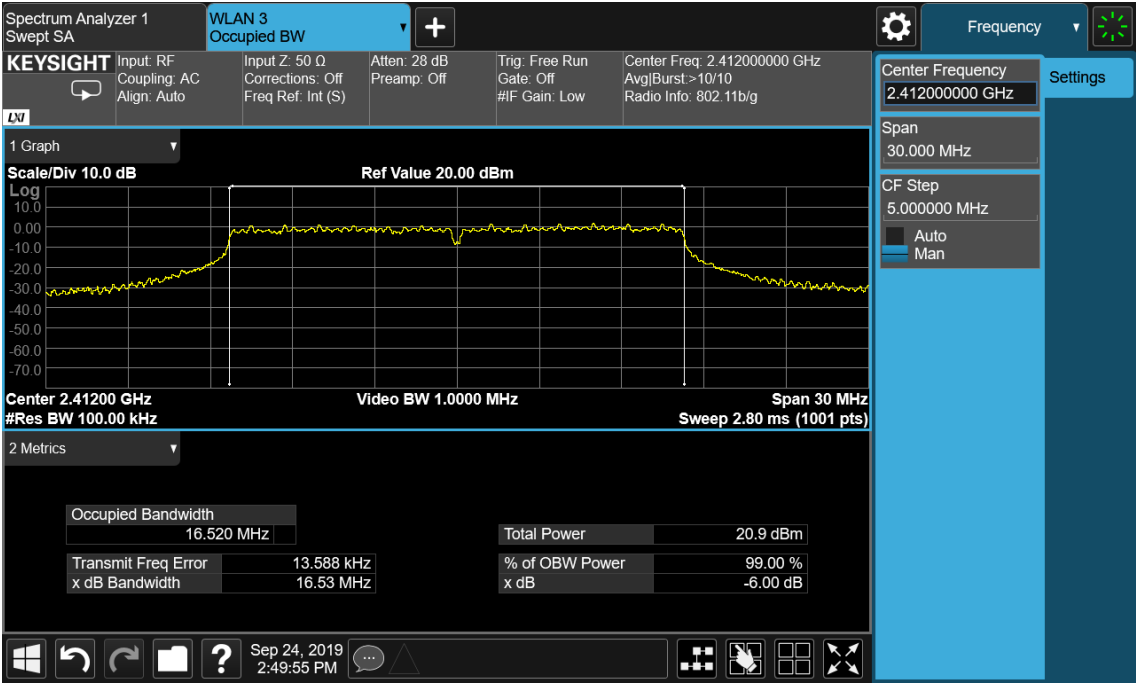


Figure 4: 6dB Bandwidth and 99% Bandwidth, 802.11g, 2412MHz



TEST REPORT

Report No.: SHE19090021-01HE

Date: 2019-12-11

Page 15 of 44

Figure 5: 6dB Bandwidth and 99% Bandwidth, 802.11g, 2437MHz

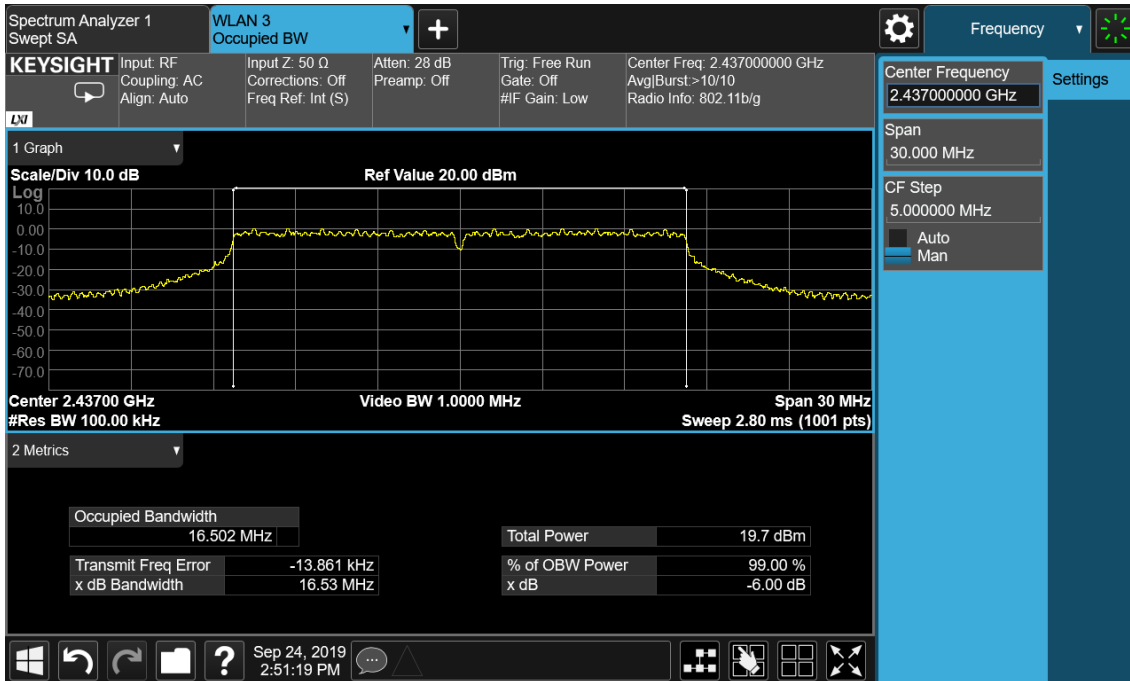
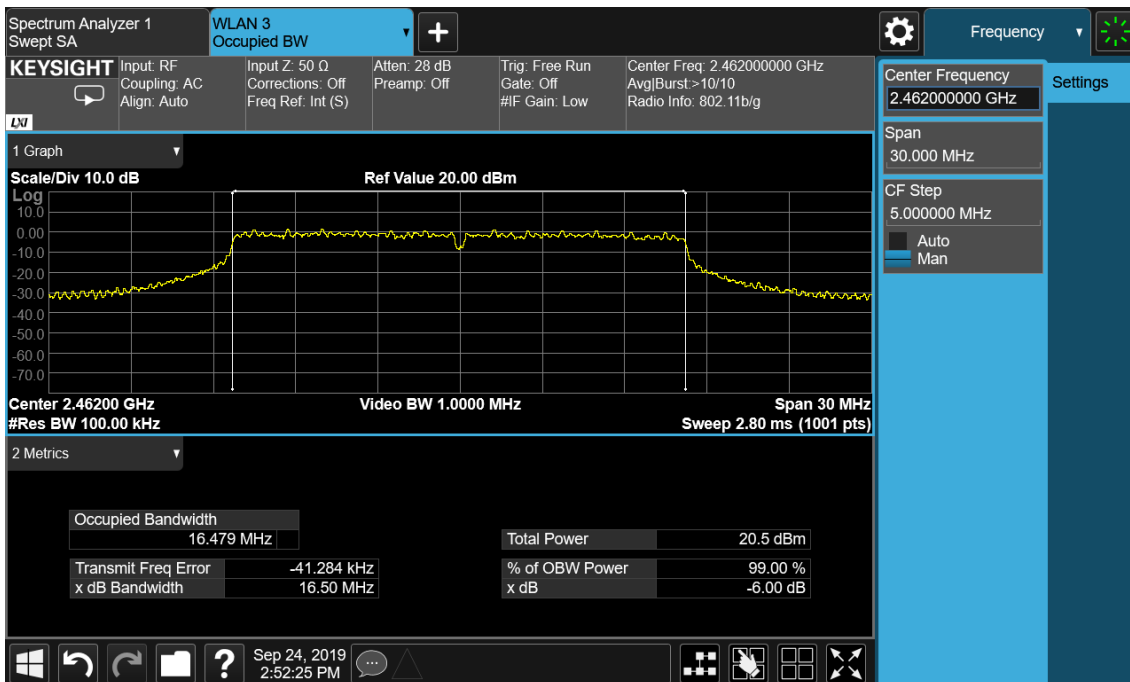


Figure 6: 6dB Bandwidth and 99% Bandwidth, 802.11g, 2462MHz



TEST REPORT

Report No.: SHE19090021-01HE

Date: 2019-12-11

Page 16 of 44

Figure 7: 6dB Bandwidth and 99% Bandwidth, 802.11n(HT20), 2412MHz

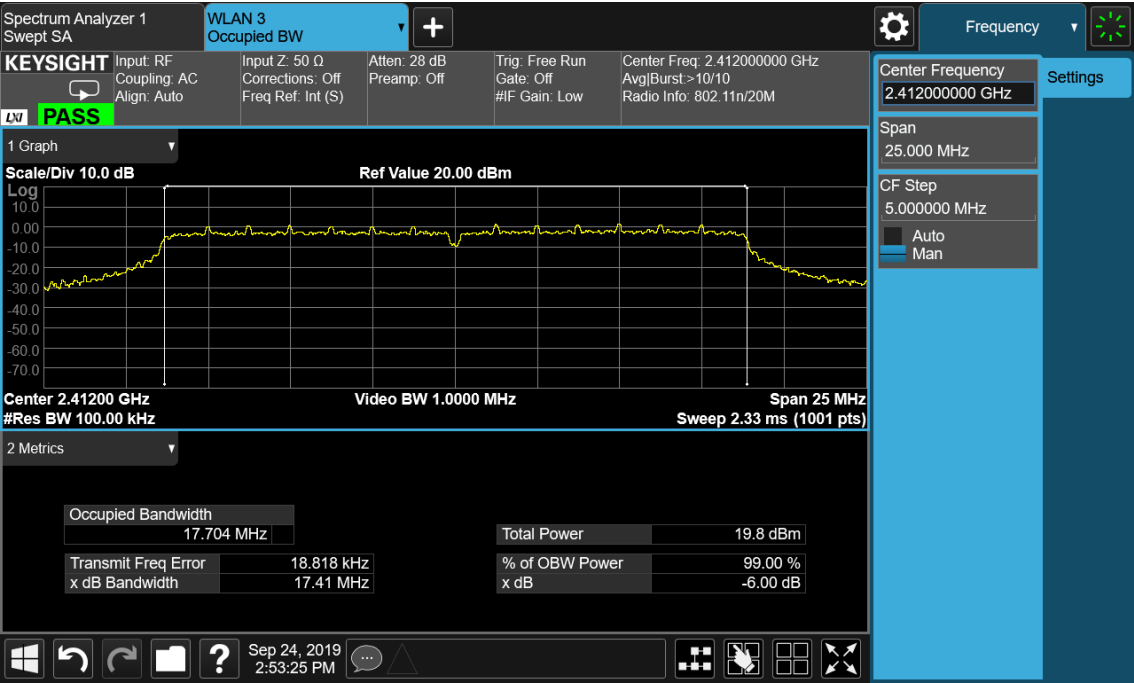
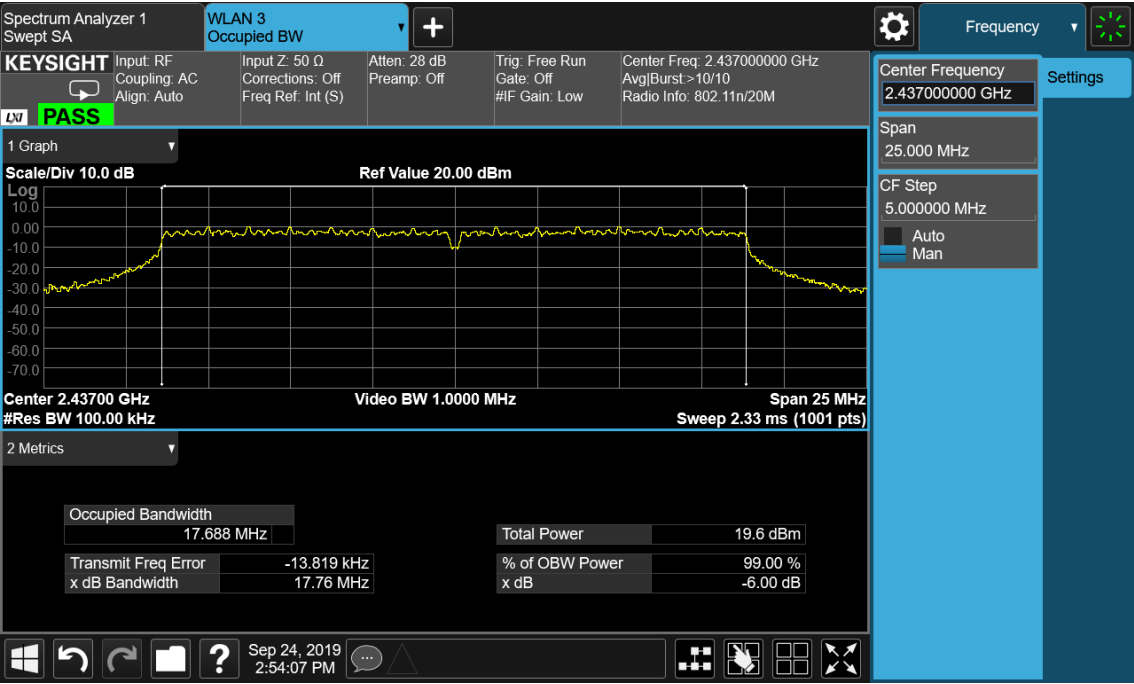


Figure 8: 6dB Bandwidth and 99% Bandwidth, 802.11n(HT20), 2437MHz



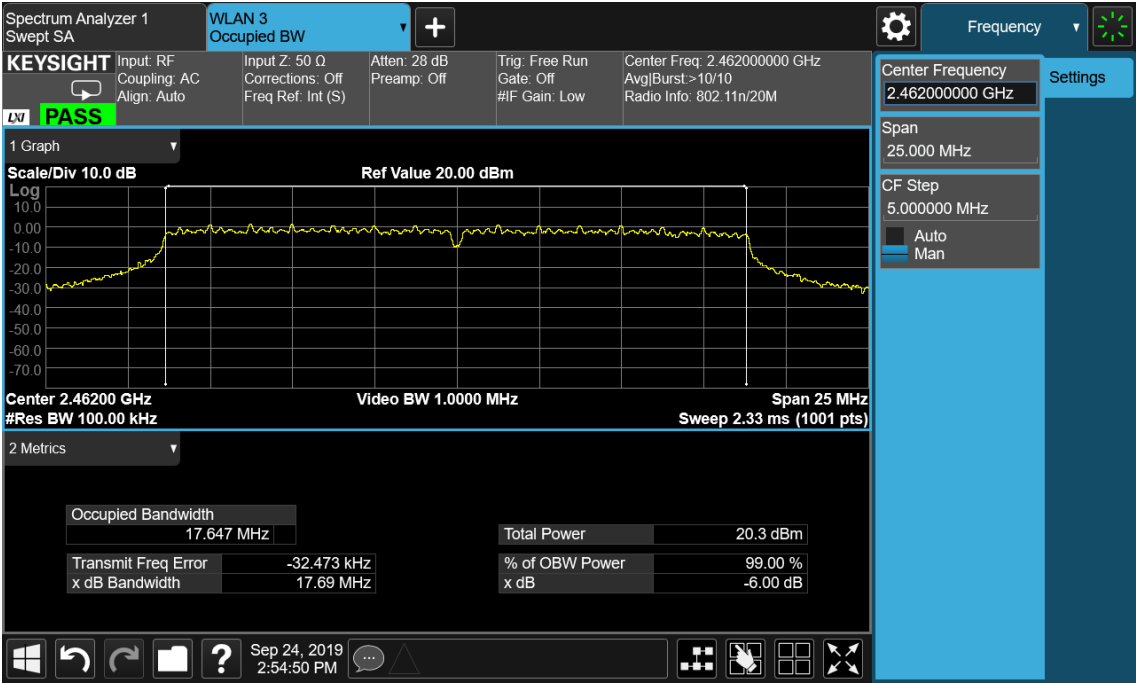
TEST REPORT

Report No.: SHE19090021-01HE

Date: 2019-12-11

Page 17 of 44

Figure 9: 6dB Bandwidth and 99% Bandwidth, 802.11n(HT20), 2462MHz



TEST REPORT

Report No.: SHE19090021-01HE

Date: 2019-12-11

Page 18 of 44

4.1.4 Power Spectral Density

RESULT:

PASS

Test standard : FCC Part 15.247(e)

Requirement : ANSI C63.10-2013, KDB 558074

Kind of test site : Shielded room

Test setup

Test Channel : Low/Middle/High

Operation Mode : A.1.a

Ambient temperature : 25°C

Relative humidity : 52%

Table 3: Power Spectral Density

Test Mode	Test Channel (MHz)	Measured Result (dBm/3kHz)	Limit (dBm/3kHz)
802.11b	2412	-8.84	8
	2437	-8.67	
	2462	-8.80	
802.11g	2412	-13.72	
	2437	-14.87	
	2462	-14.41	
802.11n(HT20)	2412	-13.76	
	2437	-15.63	
	2462	-14.76	

TEST REPORT

Report No.: SHE19090021-01HE

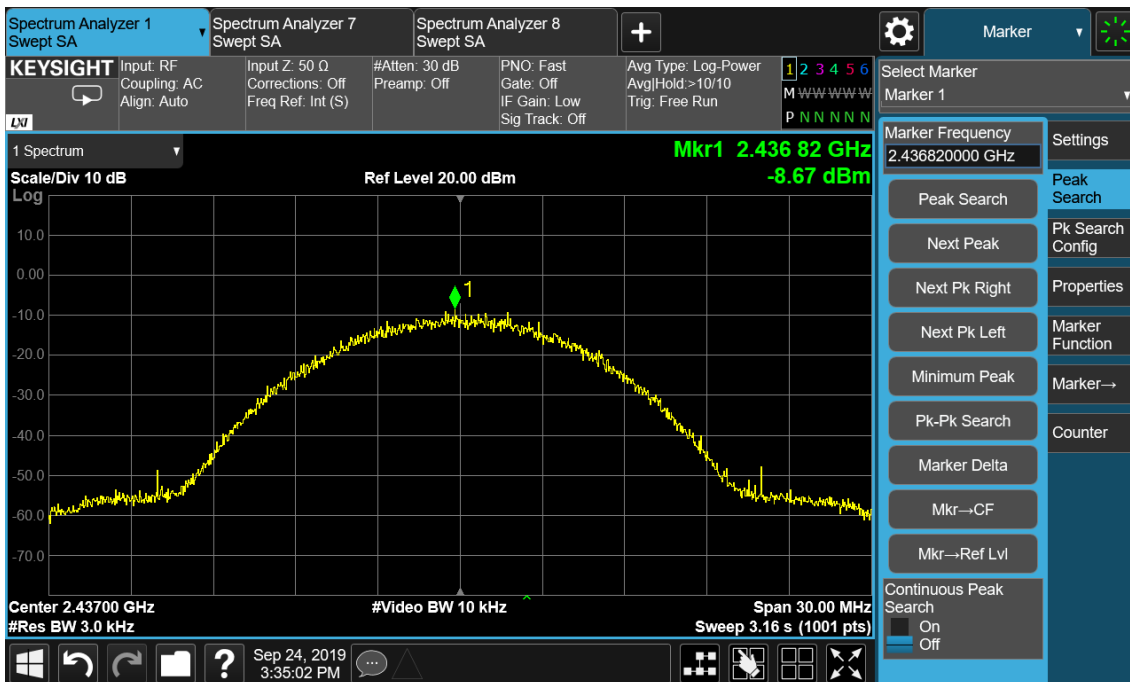
Date: 2019-12-11

Page 19 of 44

Figure 10: Power Spectral Density, 802.11b, 2412MHz



Figure 11: Power Spectral Density, 802.11b, 2437MHz



TEST REPORT

Report No.: SHE19090021-01HE

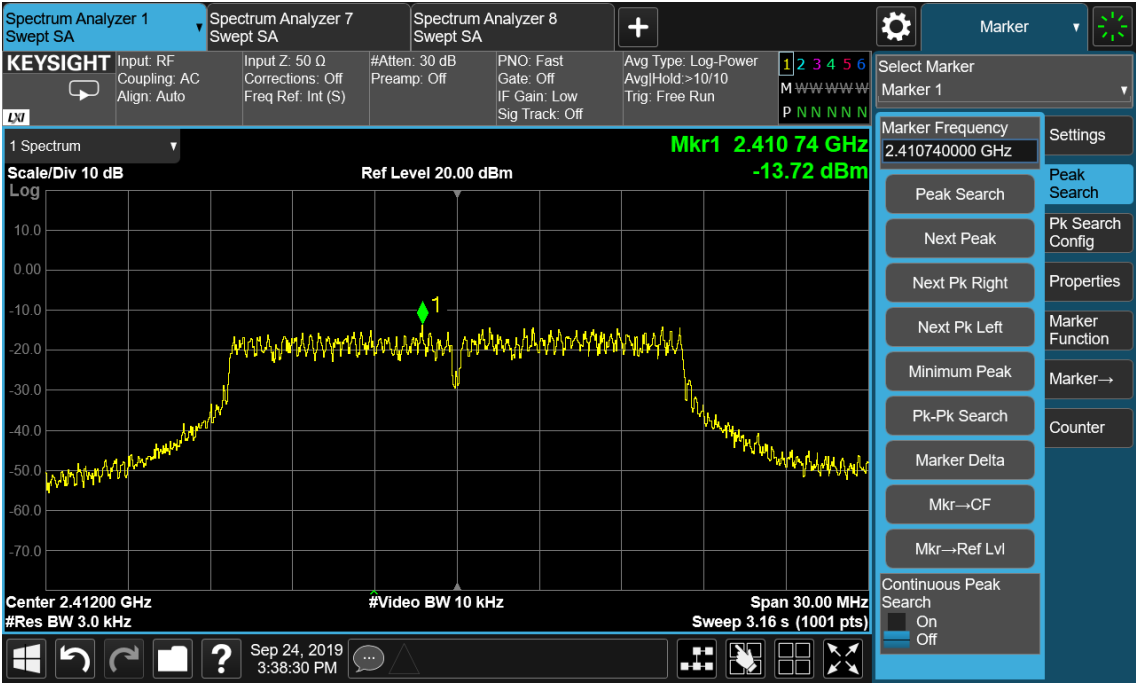
Date: 2019-12-11

Page 20 of 44

Figure 12: Power Spectral Density, 802.11b, 2462MHz



Figure 13: Power Spectral Density, 802.11g, 2412MHz



TEST REPORT

Report No.: SHE19090021-01HE

Date: 2019-12-11

Page 21 of 44

Figure 14: Power Spectral Density, 802.11g, 2437MHz

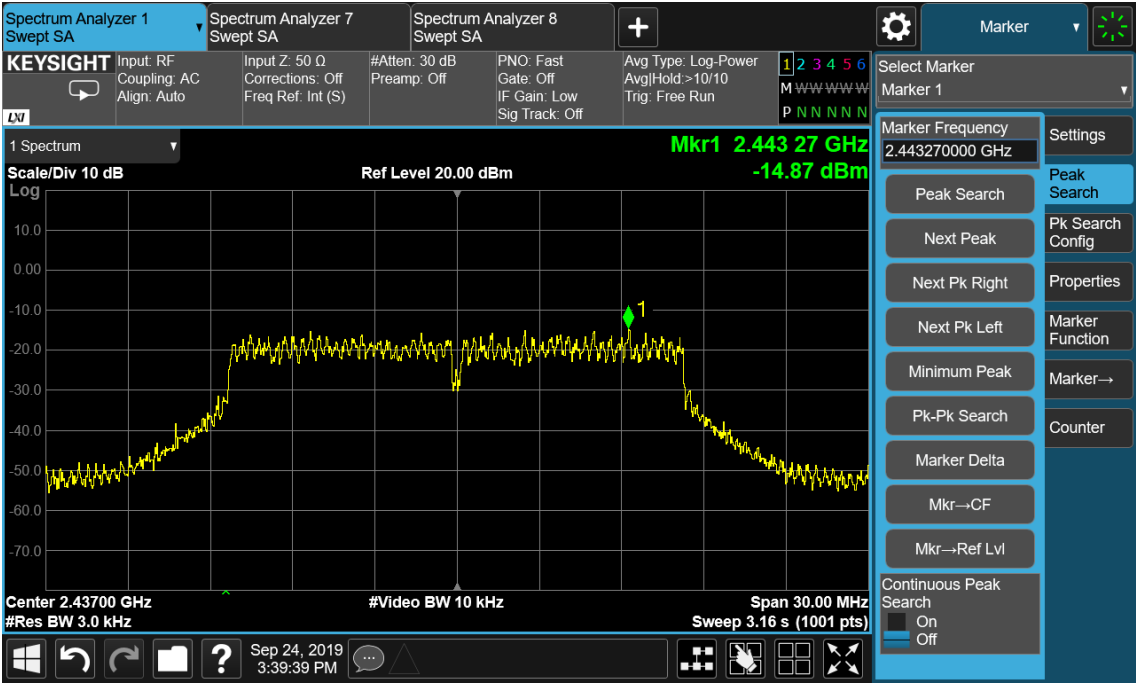
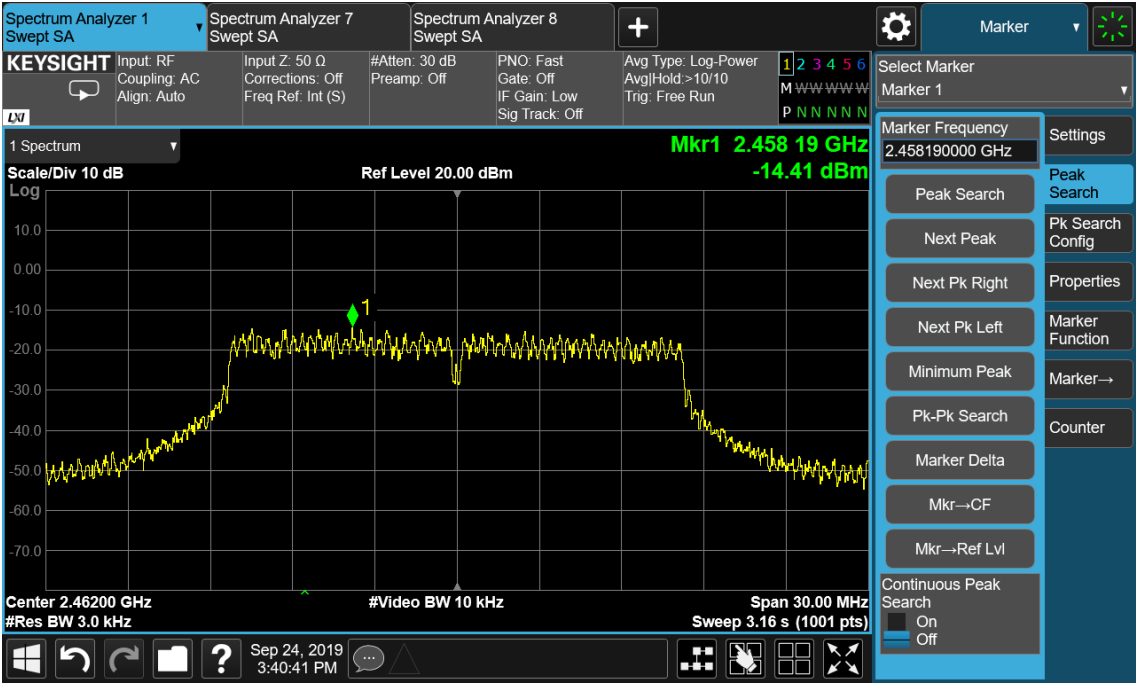


Figure 15: Power Spectral Density, 802.11g, 2462MHz



TEST REPORT

Report No.: SHE19090021-01HE

Date: 2019-12-11

Page 22 of 44

Figure 16: Power Spectral Density, 802.11n(HT20), 2412MHz

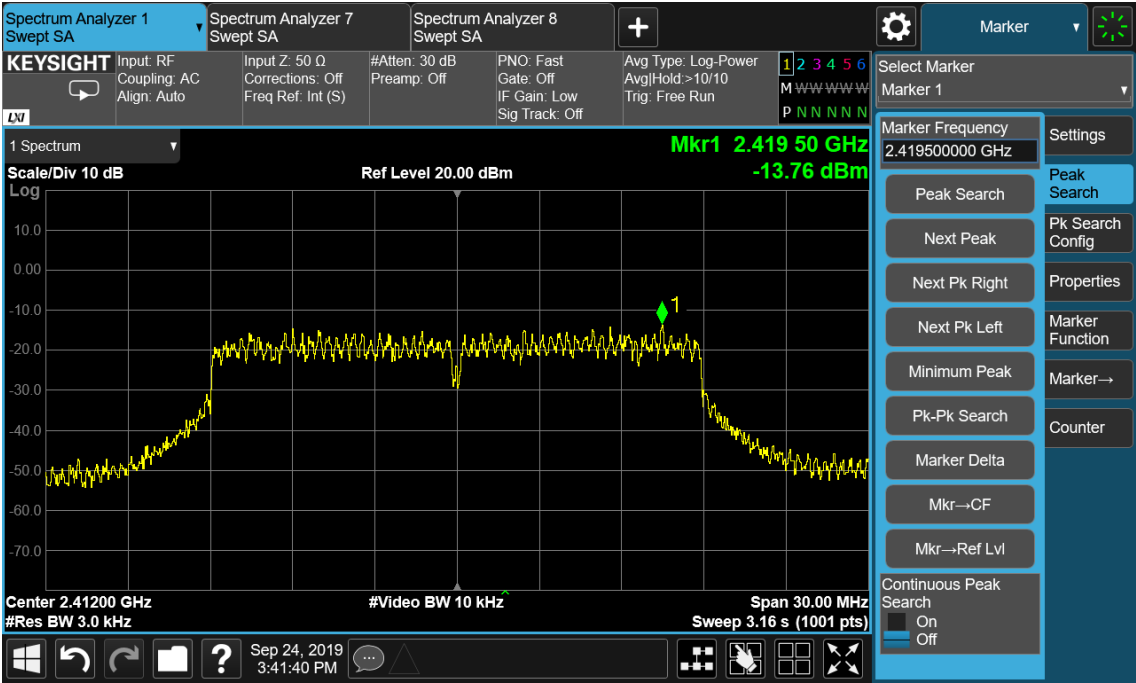
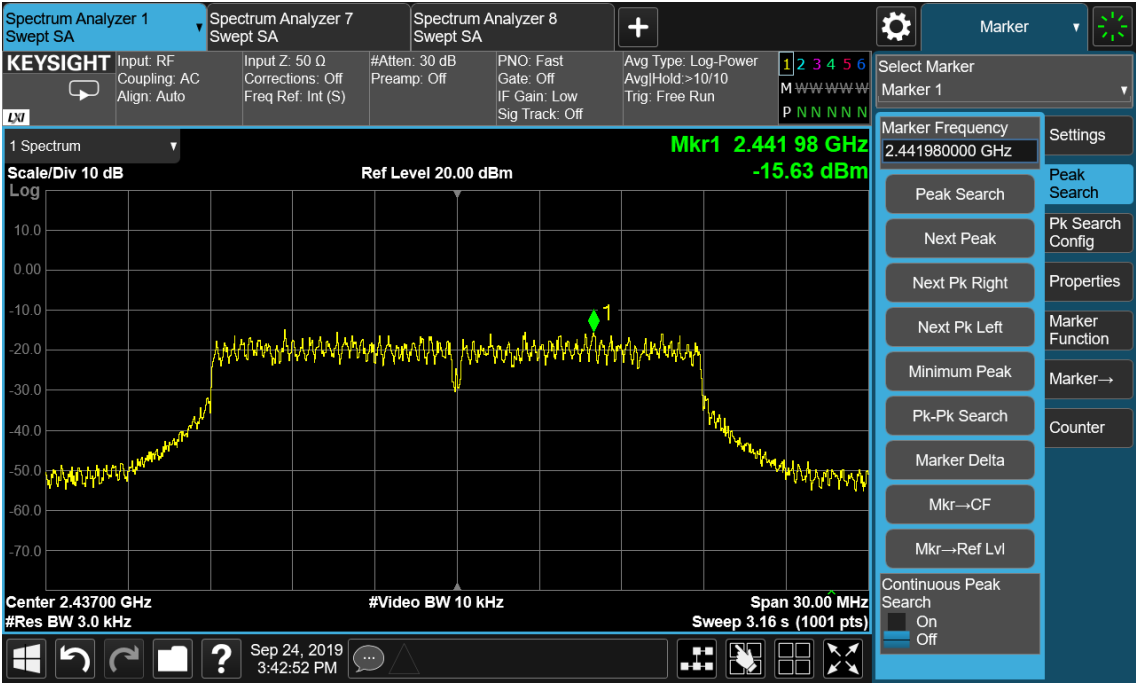


Figure 17: Power Spectral Density, 802.11n(HT20), 2437MHz



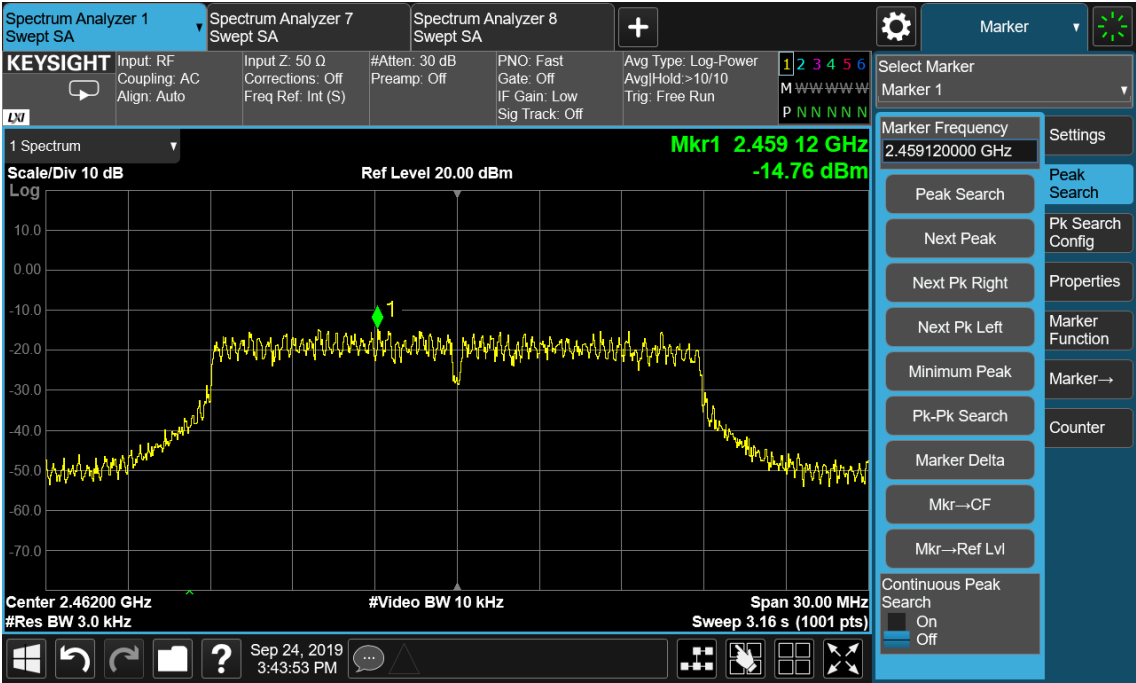
TEST REPORT

Report No.: SHE19090021-01HE

Date: 2019-12-11

Page 23 of 44

Figure 18: Power Spectral Density, 802.11n(HT20), 2462MHz



TEST REPORT

Report No.: SHE19090021-01HE

Date: 2019-12-11

Page 24 of 44

4.1.5 Conducted Spurious Emission & Authorized-band band-edge

RESULT:

PASS

Test standard : FCC Part 15.247(d), 15.209

Requirement : ANSI C63.10-2013, KDB 558074

Kind of test site : Shielded room

Test setup

Test Channel : Low/Middle/High for spurious, Low/High for Band Edge

Operation Mode : A.1.a

Ambient temperature : 25°C

Relative humidity : 52%

For details refer to following test plot.

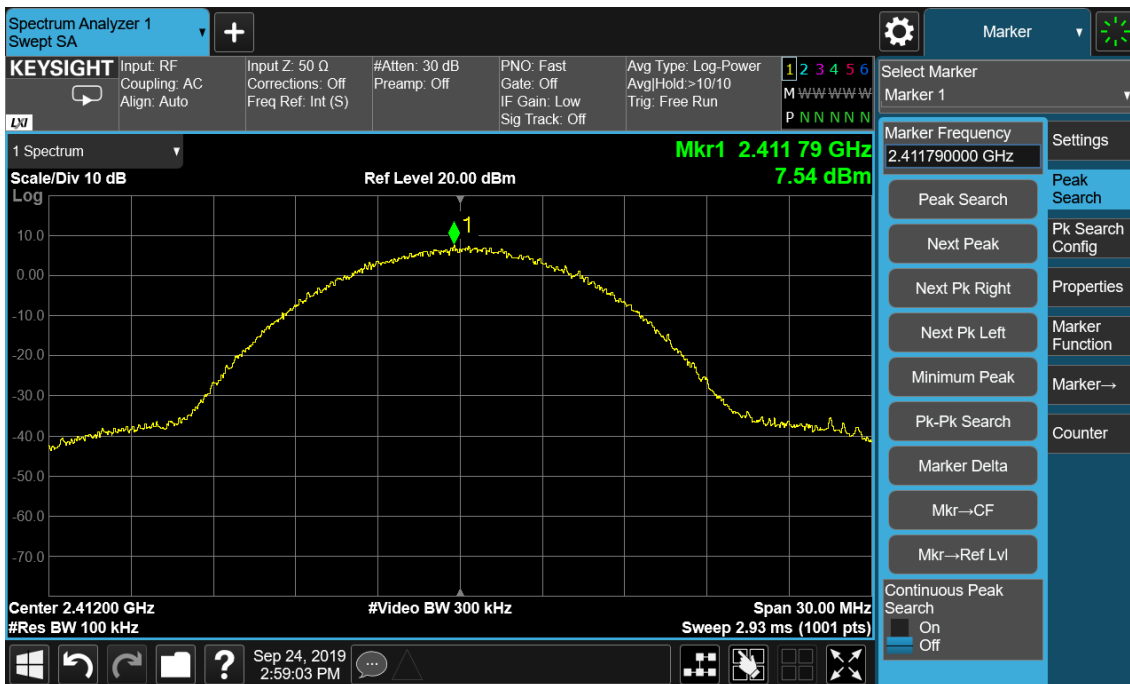
TEST REPORT

Report No.: SHE19090021-01HE

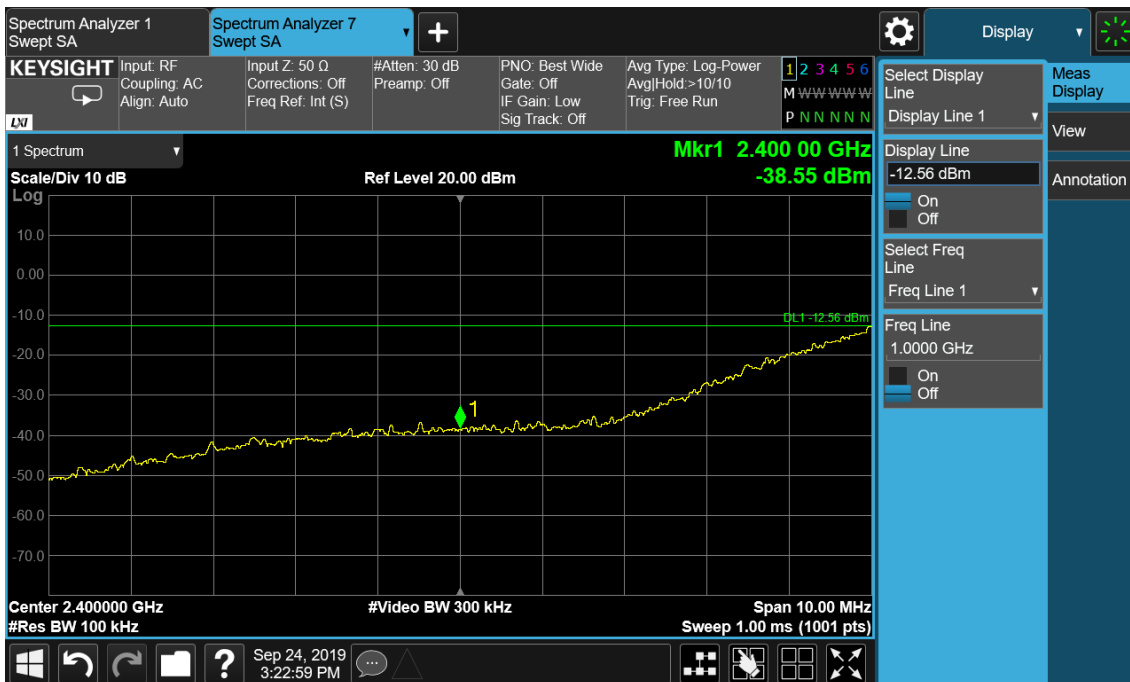
Date: 2019-12-11

Page 25 of 44

Figure 19: Conducted Spurious Emission & Authorized-band band-edge, 802.11b, 2412MHz Carrier Level



Band Edge



TEST REPORT

Report No.: SHE19090021-01HE

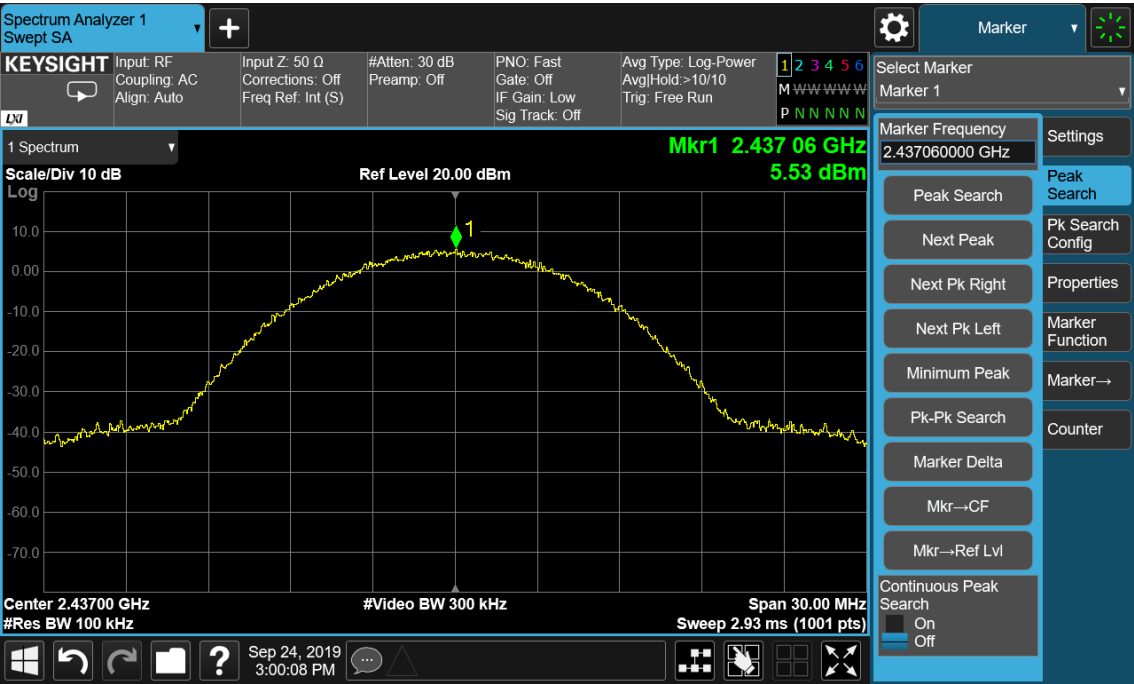
Date: 2019-12-11

Page 26 of 44

Conducted spurious emissions 30MHz-25GHz



Figure 20: Conducted Spurious Emission & Authorized-band band-edge, 802.11b, 2437MHz Carrier Level



TEST REPORT

Report No.: SHE19090021-01HE

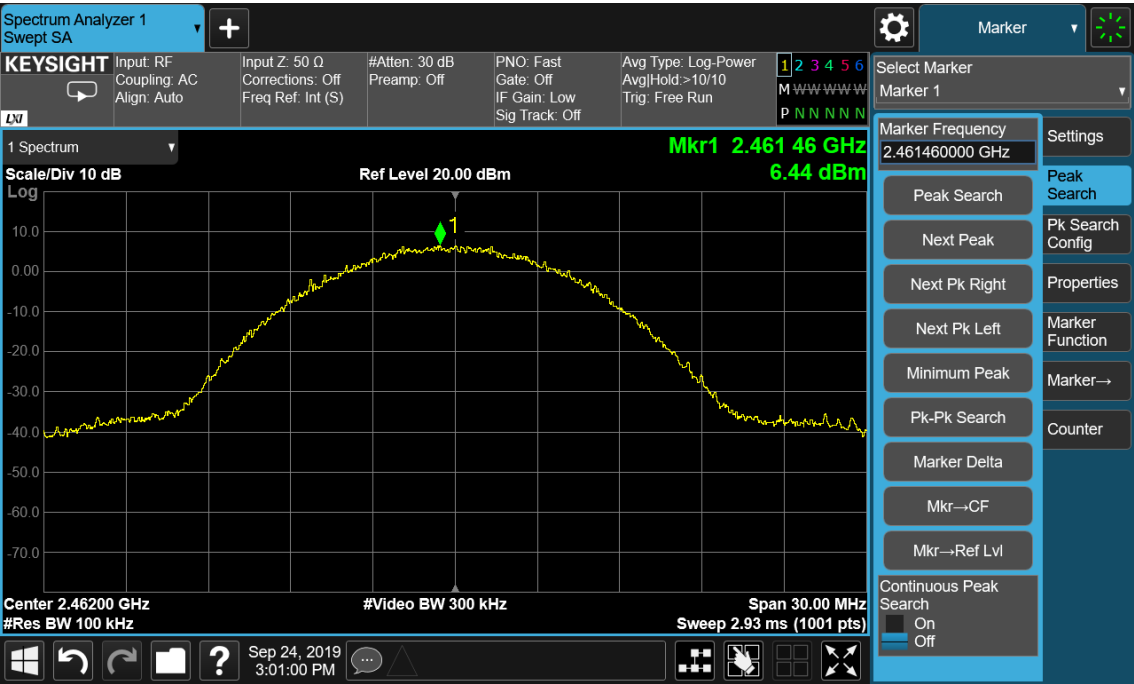
Date: 2019-12-11

Page 27 of 44

Conducted spurious emissions 30MHz-25GHz



Figure 21: Conducted Spurious Emission & Authorized-band band-edge, 802.11b, 2462MHz Carrier Level



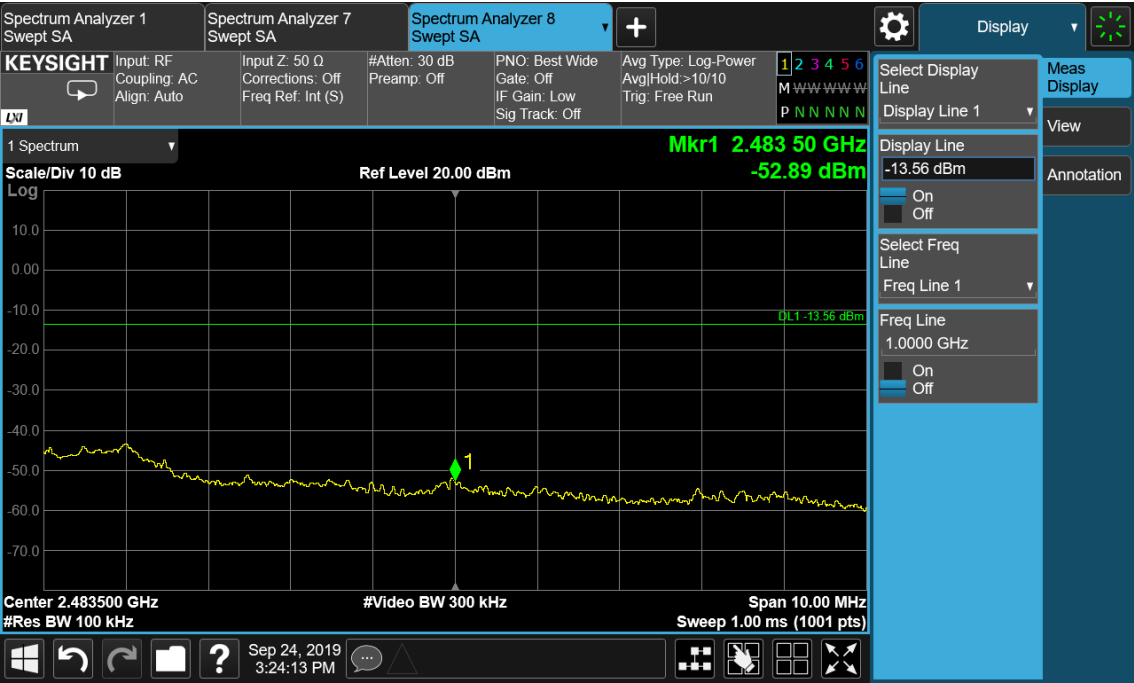
TEST REPORT

Report No.: SHE19090021-01HE

Date: 2019-12-11

Page 28 of 44

Band Edge



Conducted spurious emissions 30MHz-25GHz



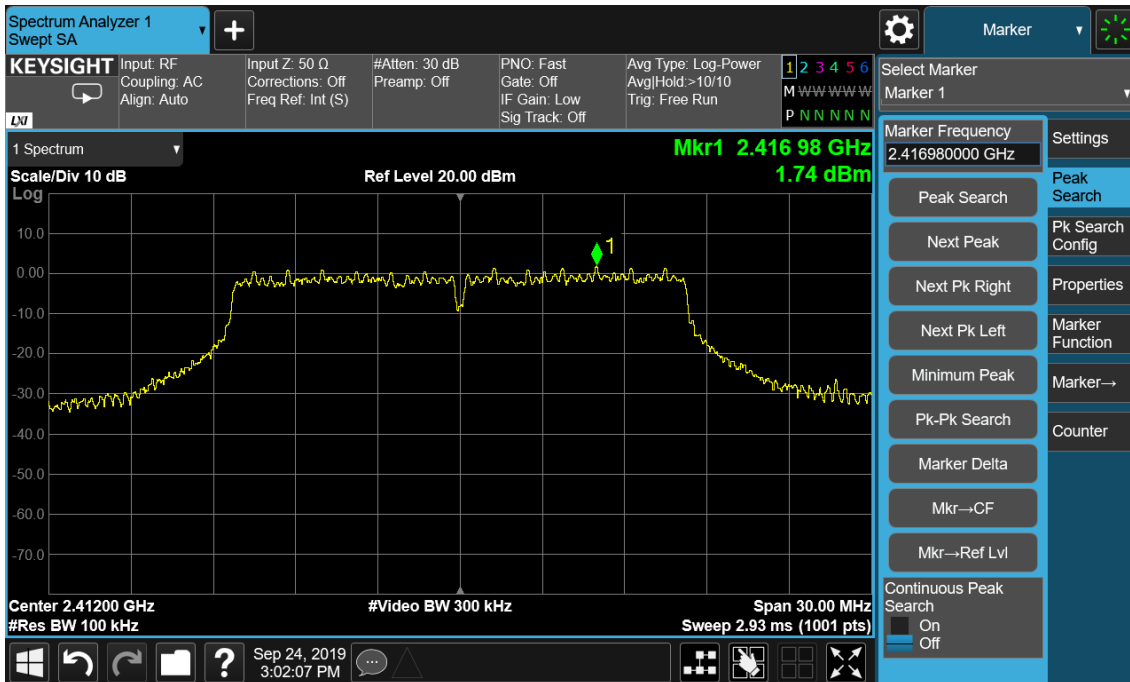
TEST REPORT

Report No.: SHE19090021-01HE

Date: 2019-12-11

Page 29 of 44

Figure 22: Conducted Spurious Emission & Authorized-band band-edge, 802.11g, 2412MHz Carrier Level



Band Edge



TEST REPORT

Report No.: SHE19090021-01HE

Date: 2019-12-11

Page 30 of 44

Conducted spurious emissions 30MHz-25GHz



Figure 23: Conducted Spurious Emission & Authorized-band band-edge, 802.11g, 2437MHz Carrier Level



TEST REPORT

Report No.: SHE19090021-01HE

Date: 2019-12-11

Page 31 of 44

Conducted spurious emissions 30MHz-25GHz



Figure 24: Conducted Spurious Emission & Authorized-band band-edge, 802.11g, 2462MHz Carrier Level



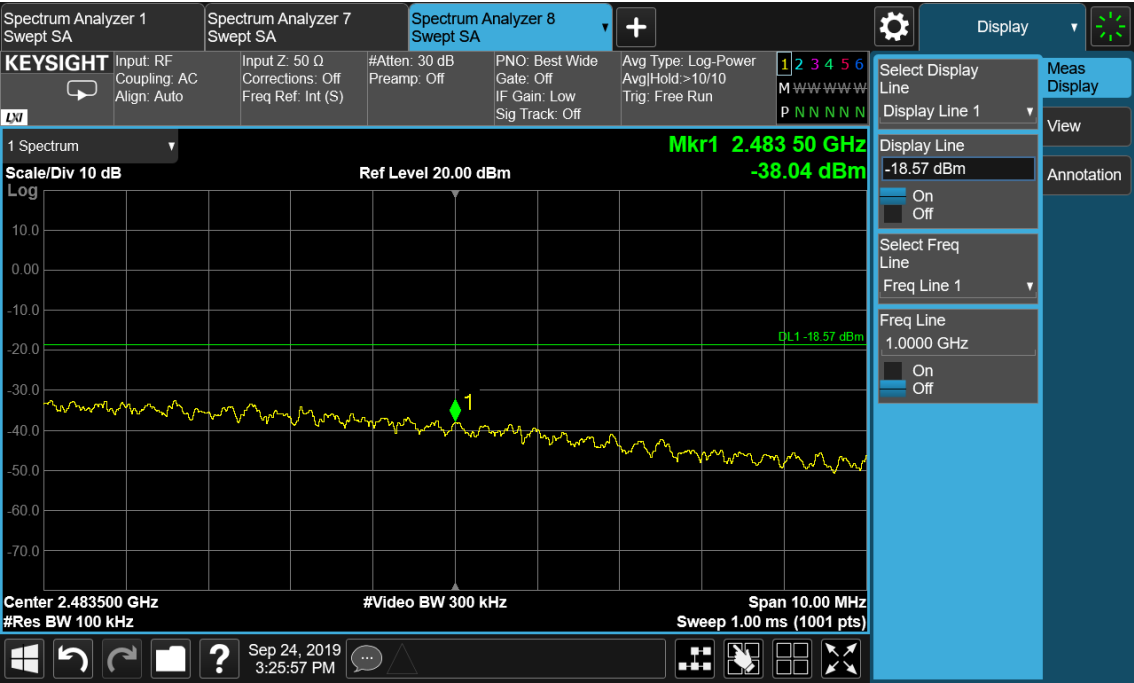
TEST REPORT

Report No.: SHE19090021-01HE

Date: 2019-12-11

Page 32 of 44

Band Edge



Conducted spurious emissions 30MHz-25GHz



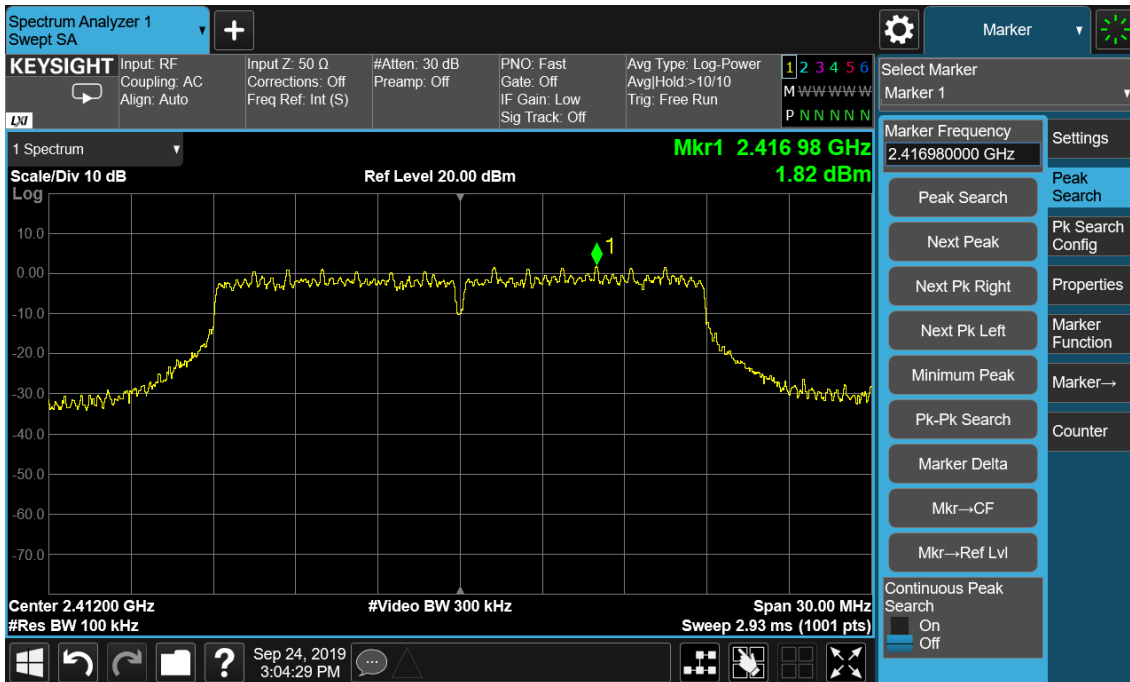
TEST REPORT

Report No.: SHE19090021-01HE

Date: 2019-12-11

Page 33 of 44

Figure 25: Conducted Spurious Emission & Authorized-band band-edge, 802.11n(HT20), 2412MHz Carrier Level



Band Edge



TEST REPORT

Report No.: SHE19090021-01HE

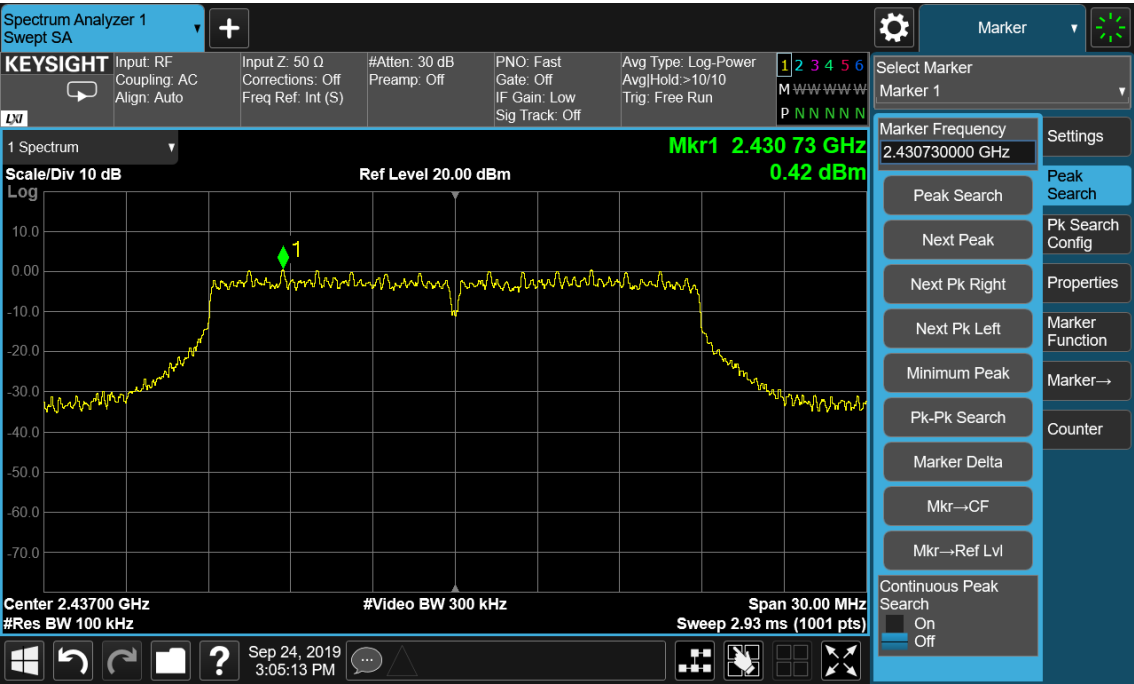
Date: 2019-12-11

Page 34 of 44

Conducted spurious emissions 30MHz-25GHz



Figure 26: Conducted Spurious Emission & Authorized-band band-edge, 802.11n(HT20), 2437MHz Carrier Level



TEST REPORT

Report No.: SHE19090021-01HE

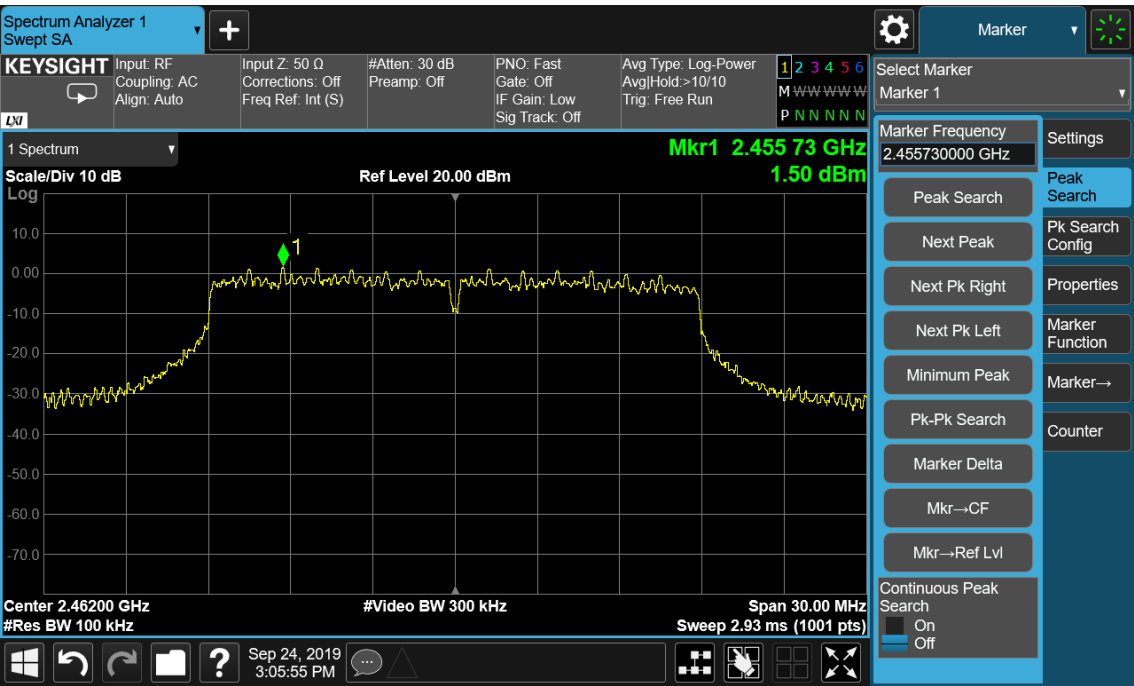
Date: 2019-12-11

Page 35 of 44

Conducted spurious emissions 30MHz-25GHz



Figure 27: Conducted Spurious Emission & Authorized-band band-edge, 802.11n(HT20), 2462MHz Carrier Level



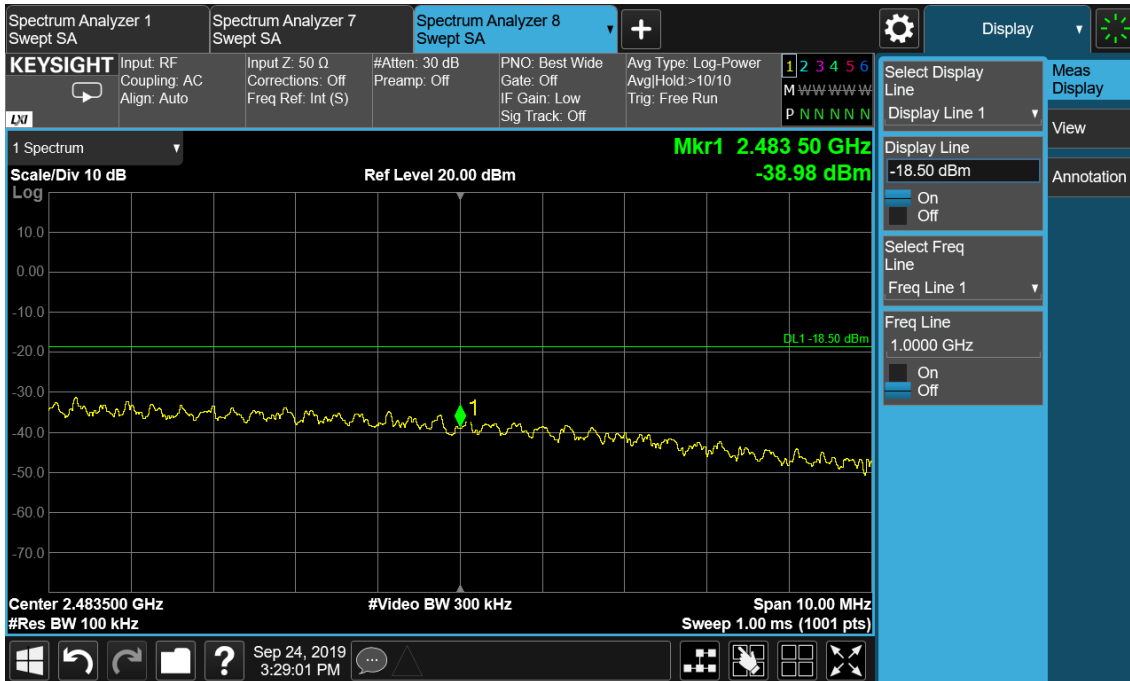
TEST REPORT

Report No.: SHE19090021-01HE

Date: 2019-12-11

Page 36 of 44

Band Edge



Conducted spurious emissions 30MHz-25GHz



TEST REPORT

Report No.: SHE19090021-01HE

Date: 2019-12-11

Page 37 of 44

4.1.6 Spurious Emission

RESULT:

PASS

Test standard : FCC Part 15.247(d), 15.205, 15.209

Requirement : ANSI C63.10-2013, KDB 558074

Kind of test site : 3m Semi-Anechoic Chamber

Test setup

Test Channel : Low/Middle/High

Operation Mode : A

Ambient temperature : 25°C

Relative humidity : 52%

Notes:

1. Test plots please refer to the annex document "EXHIBIT A of SHE19090021-01HE".
2. For 9 kHz ~ 30 MHz, the amplitude of spurious emissions that are attenuated by more than 20dB below the permissible. The value has no need to be reported.
3. The spurious above 18GHz is noise only and 20dB below the limit. The value has no need to be reported.
4. The EUT is working in the Normal link mode below 1 GHz.

TEST REPORT

Report No.: SHE19090021-01HE

Date: 2019-12-11

Page 38 of 44

4.1.7 Band Edge (Restricted-band band-edge)

RESULT:

PASS

Test standard : FCC Part 15.247(d), 15.205, 15.209

Requirement : ANSI C63.10-2013, KDB 558074

Kind of test site : 3m Semi-Anechoic Chamber

Test setup

Test Channel : Low/Middle/High

Operation Mode : A.1

Ambient temperature : 25°C

Relative humidity : 52%

Note:

1. Test plots please refer to the annex document "EXHIBIT A of SHE19090021-01HE".

TEST REPORT

Report No.: SHE19090021-01HE

Date: 2019-12-11

Page 39 of 44

4.2 Mains Emissions

4.2.1 Conducted Emission on AC Mains

RESULT:

PASS

Test standard : FCC Part 15.207(a)

Requirement : ANSI C63.10-2013

Kind of test site : Shielded room

Test setup

Input Voltage : AC 120V, 60Hz; AC 240V, 50Hz

Operation Mode : A

Earthing : Not Connected

Ambient temperature : 25°C

Relative humidity : 52%

For details refer to following test plot.

TEST REPORT

Report No.: SHE19090021-01HE

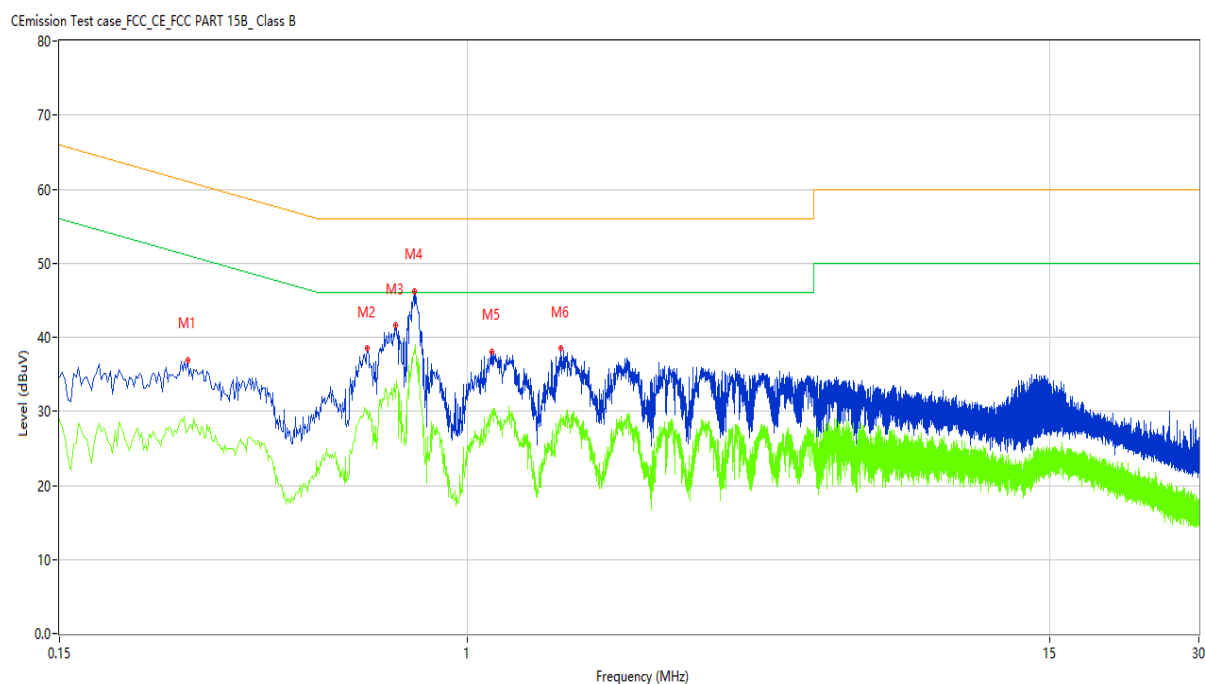
Date: 2019-12-11

Page 40 of 44

Note:

The all configurations were tested respectively, but only the worst configuration shown here.

Figure 28: Conducted Emission on AC Mains, L Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.272	36.93	10.14	61.06	-24.13	Peak	L	Pass
1**	0.272	27.35	10.14	51.06	-23.71	AV	L	Pass
2	0.628	38.48	10.15	56.00	-17.52	Peak	L	Pass
2**	0.628	29.99	10.15	46.00	-16.01	AV	L	Pass
3	0.716	41.57	10.15	56.00	-14.43	Peak	L	Pass
3**	0.716	31.89	10.15	46.00	-14.11	AV	L	Pass
4	0.780	46.20	10.15	56.00	-9.80	Peak	L	Pass
4*	0.780	42.53	10.15	56.00	-13.47	QP	L	Pass
4**	0.780	37.97	10.15	46.00	-8.03	AV	L	Pass
5	1.122	38.11	10.16	56.00	-17.89	Peak	L	Pass
5**	1.122	29.60	10.16	46.00	-16.40	AV	L	Pass
6	1.542	38.54	10.17	56.00	-17.46	Peak	L	Pass
6**	1.542	29.61	10.17	46.00	-16.39	AV	L	Pass

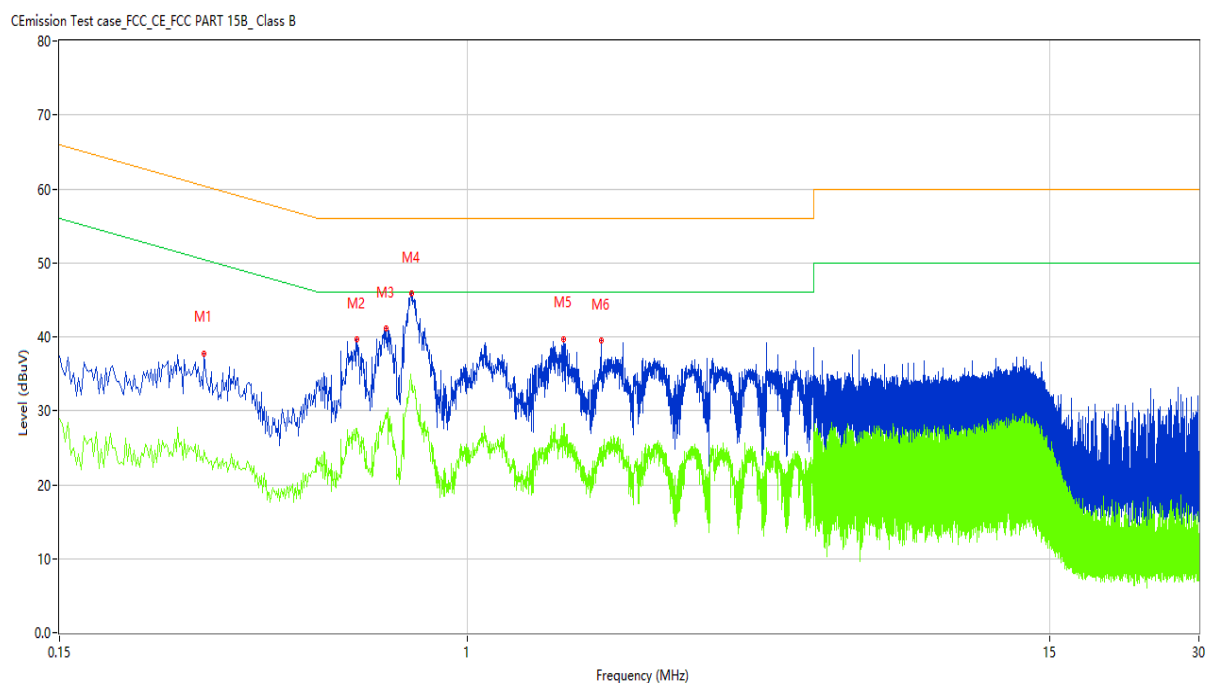
TEST REPORT

Report No.: SHE19090021-01HE

Date: 2019-12-11

Page 41 of 44

Figure 29: Conducted Emission on AC Mains, N Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.294	37.72	10.14	60.41	-22.69	Peak	N	Pass
1**	0.294	24.72	10.14	50.41	-25.69	AV	N	Pass
2	0.598	39.60	10.15	56.00	-16.40	Peak	N	Pass
2**	0.598	27.66	10.15	46.00	-18.34	AV	N	Pass
3	0.686	41.11	10.15	56.00	-14.89	Peak	N	Pass
3**	0.686	29.74	10.15	46.00	-16.26	AV	N	Pass
4	0.772	46.92	10.15	56.00	-9.08	Peak	N	Pass
4*	0.772	43.15	10.15	56.00	-12.85	QP	N	Pass
4**	0.772	32.78	10.15	46.00	-13.22	AV	N	Pass
5	1.562	39.67	10.17	56.00	-16.33	Peak	N	Pass
5**	1.562	28.29	10.17	46.00	-17.71	AV	N	Pass
6	1.864	39.44	10.17	56.00	-16.56	Peak	N	Pass
6**	1.864	25.15	10.17	46.00	-20.85	AV	N	Pass

TEST REPORT

Report No.: SHE19090021-01HE

Date: 2019-12-11

Page 42 of 44

5 Appendixes

5.1 Photographs of the Sample



Front of the sample



Rear of the sample

TEST REPORT

Report No.: SHE19090021-01HE

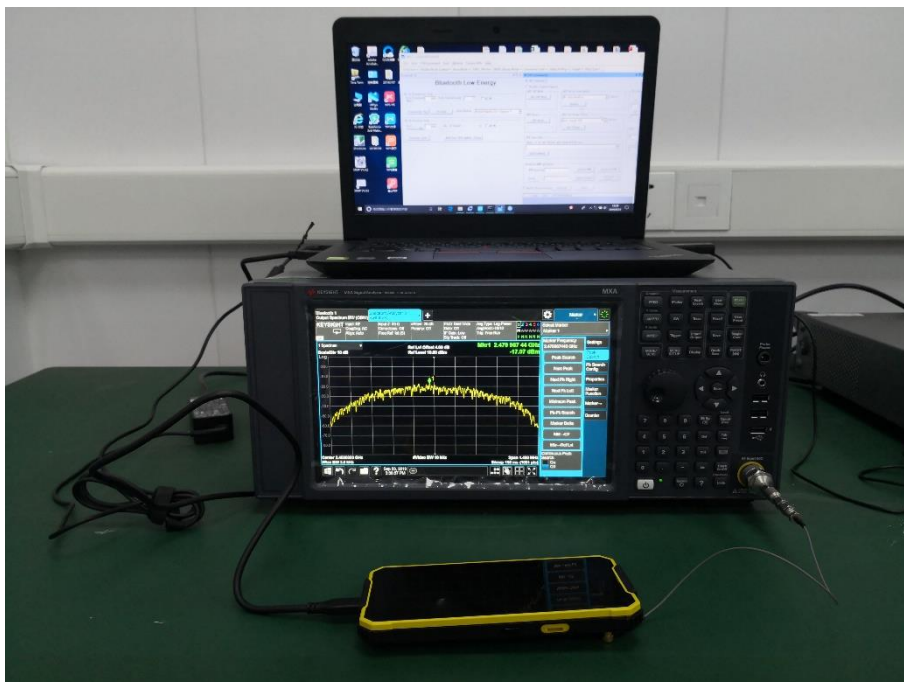
Date: 2019-12-11

Page 43 of 44

5.2 Set-up for Conducted Emissions



5.3 Set-up for Conducted RF test at Antenna Port



TEST REPORT

Report No.: SHE19090021-01HE

Date: 2019-12-11

Page 44 of 44

5.4 Set-up for Spurious Emissions below 1GHz



5.5 Set-up for Spurious Emissions above 1GHz



End of the report