Certificate Number: 5055.02

TEST REPORT FOR WLAN TESTING

Report No.: SRTC2021-9004(F)-21040801(F)

Product Name: Mobile phone

Applicant: Sharp Corporation

Manufacturer: Sharp Corporation

Specification: FCC Part 15 Subpart C (2020)

FCC ID: APYHRO00296

The State Radio_monitoring_center Testing Center (SRTC)

15th Building, No.30 Shixing Street, Shijingshan District, Beijing, P.R.China

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1. GENERAL INFORMATION

1.1 Notes of the test report

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1.2 Information about the testing laboratory

Company:	The State Radio_monitoring_center Testing Center (SRTC)
Address:	15th Building, No.30 Shixing Street, Shijingshan District, P.R.China
City:	Beijing
Country or Region:	P.R.China
Contacted person:	Liu Jia
Tel:	+86 10 57996183
Fax:	+86 10 57996388
Email:	liujiaf@srtc.org.cn

1.3 Applicant's details

Company:	Sharp Corporation
Address:	1 Takumi-cho, Sakai-ku, Sakai City,Osaka 590-8522,Japan
City:	Osaka
Country or Region:	Japan
Contacted person:	Mr.Masaaki Nishikawa
Tel:	---
Fax:	---
Email:	---

1.4 Manufacturer's details

Company:	Sharp Corporation
Address:	1 Takumi-cho, Sakai-ku, Sakai City,Osaka 590-8522,Japan
City:	Osaka
Country or Region:	Japan
Contacted person:	Mr.Masaaki Nishikawa
Tel:	---
Fax:	---
Email:	---

1.5 Factory's details

Company:	Futaijing Precision Electronics (Yantai) Co., Ltd.
Address:	No. 50-50, Beijingzhong Road, Yantai Economic & Technological Development Area, Shandong Province, P.R. China
City:	---
Country or Region:	China
Contacted person:	Tommy Chao
Tel:	+886-2-2268-3466 #5010-10245
Fax:	---
Email:	tommy.kp.chao@foxconn.com

1.6 Test Environment

Date of Receipt of test sample at SRTC:	2021-04-08
Testing Start Date:	2021-04-25
Testing End Date:	2021-04-25

Environmental Data:	Temperature (°C)	Humidity (%)
Ambient:	23	32

Normal Supply Voltage (V d.c.):	4.0

2 DESCRIPTION OF THE DEVICE UNDER TEST

2.1Final Equipment Build Status

Frequency Band:	2.412GHz~2.462GHz
Number of Channel For 20MHz:	11
Number of Channel For 40MHz:	7
Modulation Type:	802.11b 802.11g 802.11n (HT20/HT40) 802.11ax(HE20/HE40)
Power Supply:	Battery or Charger
Hardware Version:	DVT(Remodeled to the equivalent of MP products)
Software Version:	01.00.00
IMEI or Sample:	004401230191252/004401230211399
Antenna type:	Refer to Note
Antenna connector:	Refer to Note

Note: Antenna requirement (FCC part 15.203)

An intentional radiator antenna shall be designed to ensure that no antenna other than that furnished by the responsible party can be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.

•The antenna(s) of the EUT are permanently attached.

•There are no provisions for connection to an external antenna.

Note: The antenna provides to the EUT, please refer to the following table:

Brand	Model	Antenna gain	Frequency band (GHz)	Antenna type	Connecter Type
N/A	N/A	Ant7:-3.1dBi Ant8:-2.8dBi	2.4GHz~2.4835GHz	PIFA	N/A
The antenna gain is provided by the customer and involved in the calculation and influence of the test results. Our laboratory takes the value declared by the customer as the criterion, and the customer is responsible for the antenna gain value. Manufacturers ensure that their designs will not be modified by the user or third party's arbitrary antenna parameters and performance.					

2.2 Description of Test Modes

11 channels are provided to this EUT:

CHANNEL	FREQ. (MHz)	CHANNEL	FREQ. (MHz)
1	2412	7	2442
2	2417	8	2447
3	2422	9	2452
4	2427	10	2457
5	2432	11	2462
6	2437	---	---

2.2.1 Test Mode Applicability and Tested Channel Detail

EUT CONFIGURE MODE	APPLICABLE TO				DESCRIPTION
	RE ≥ 1G	RE<1G	PLC	APCM	-
-	√	√	√	√	-

Where
RE ≥ 1G: Radiated Emission above 1GHz
RE<1G: Radiated Emission below 1GHz
PLC: Power Line Conducted Emission
APCM: Antenna Port Conducted Measurement

Radiated Emission Test (Above 1GHz):

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

Following channel(s) was (were) selected for the final test as listed below.

AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TYPE	DATA RATE (Mbps)
1 to 11	1/6/11 For HT20 3/6/9 For HT40	DBPSK/BPSK	1,6, 6.5,13.5 8.6,17.2

Radiated Emission Test (Below 1GHz):

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

Following channel(s) was (were) selected for the final test as listed below.

AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TYPE	DATA RATE (Mbps)
1 to 11	1/6/11 For HT20 3/6/9 For HT40	DBPSK/BPSK	1,6, 6.5,13.5 8.6,17.2

Power Line Conducted Emission Test:

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

Following channel(s) was (were) selected for the final test as listed below.

AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TYPE	DATA RATE (Mbps)
1 to 11	6	DBPSK	1

Antenna Port Conducted Measurement:

This item includes all test value of each mode, but only includes spectrum plot of worst value of each mode.

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

Following channel(s) was (were) selected for the final test as listed below.

AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TYPE	DATA RATE (Mbps)
1 to 11	1/6/11 For HT20 3/6/9 For HT40	DBPSK/BPSK	1,6, 6.5,13.5 8.6,17.2

2.3 EUT Operating conditions

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

2.4 Support Equipment

The following support equipment was used to exercise the DUT during testing:

Equipment:	Battery
Manufacturer:	Tohoku murata manufacturing
Model Number:	UBATIA306AFN1

3 REFERENCE SPECIFICATION

Specification	Version	Title
FCC part15 Subpart C	2020	Intentional radiators
ANSI C63.10	2013	Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices
KDB 558074D01 V05R02	April 2, 2019	Guidance for compliance measurements on Digital transmission system, frequency hopping spread spectrum system, and hybrid system devices operating under section 15.247 of the FCC rules

4 KEY TO NOTES AND RESULT CODES

Code	Meaning
PASS	Test result shows that the requirements of the relevant specification have been met.
FAIL	Test result shows that the requirements of the relevant specification have not been met.
N/T	Test case is not tested.

5 RESULT SUMMARY

No.	Test case	Reference	Verdict
1	Transmitter Output Power	15.247(b)(3)	Pass
2	6dB Bandwidth	15.247(a)(2)	Pass
3	Transmitter Power Spectral Density	15.247(e))	Pass
4	Conducted Out of band emission measurement	15.247(d)	Pass
5	Band Edge	15.247(d)	Pass
6	Spurious Radiated Emissions	15.205/15.209	Pass
7	AC Power line Conducted Emission	15.207	Pass
8	Antenna requirement	15.203	Pass(refer to section 2.1)

This Test Report Is Issued by: Mr. Peng Zhen	Checked by: Mr. Li Bin
Tested by: Mr. Hou Siyu	Issued date: 20210426

6 TEST RESULT

6.1 Peak Power Output

6.2.1 Test limit

Part15.247 (b) (3)
The maximum permissible conducted output power is 1 Watt.

6.2.2 Test Procedure Used

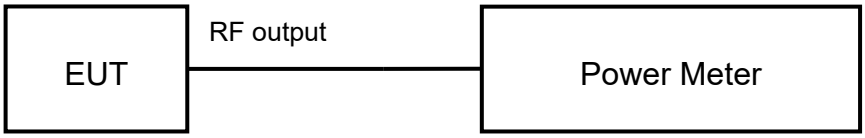
ANSI C63.10-2013 – Section 11.9.1.3
ANSI C63.10-2013 – Section 11.9.2.3.2
KDB 558074 D01 v05r02 – Section 8.3.1.3

6.2.3 Test Settings

Peak Power Measurement
The maximum peak conducted output power may be measured using a broadband peak RF power meter. The power meter shall have a video bandwidth that is greater than or equal to the DTS bandwidth and shall utilize a fast-responding diode detector.
Average Power Measurement
Average power measurements were performed only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter. The trace was averaged over 100 traces to obtain the final measured average power.

6.2.4 Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.



6.2.5 Test result

The test results are shown in Appendix A.

6.2 6dB Bandwidth

6.1.1 Test limit

Part15.247 (a) (2)
The minimum permissible 6dB bandwidth is 500 kHz

6.1.2 Test Procedure Used

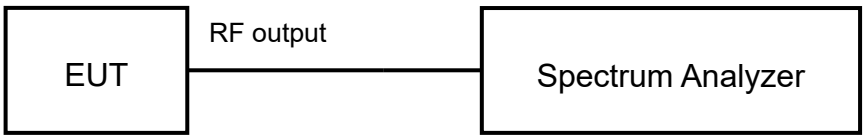
ANSI C63.10-2013 – Section 11.8.2 Option 2
KDB 558074 D01 v05r02 – Section 8.2

6.1.3 Test Settings

1. The signal analyzers' automatic bandwidth measurement capability of the spectrum analyzer was used to perform the 6dB bandwidth measurement. The "X" dB bandwidth parameter was set to X = 6. The bandwidth measurement was not influenced by any intermediate power nulls in the fundamental emission.
2. RBW = 100 kHz
3. VBW ≥ 3 x RBW
4. Detector = Peak
5. Trace mode = max hold
6. Sweep = auto couple
7. The trace was allowed to stabilize

6.1.4 Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.



6.1.5 Test result

The test results are shown in Appendix A.

6.3 Transmitter Power Spectral Density

6.3.1 Test limit

Part15.247 (e)
The maximum permissible power spectral density is 8.0dBm in any 3 kHz band.

6.3.2 Test Procedure Used

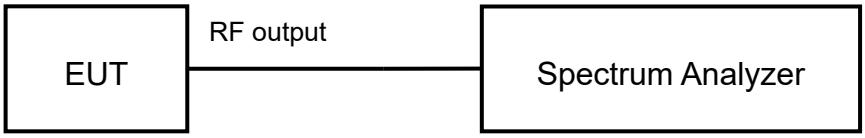
ANSI C63.10-2013 – Section 11.10.2 Method PKPSD
KDB 558074 D01 v05r02 – Section 8.4

6.3.3 Test Settings

1. Analyzer was set to the center frequency of the DTS channel under investigation
2. Span = 1.5 times the DTS channel bandwidth
3. RBW = 3 kHz
4. VBW = 10 kHz
5. Detector = peak
6. Sweep time = auto couple
7. Trace mode = max hold
8. Trace was allowed to stabilize

6.3.4 Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.



6.3.5 Test result

The test results are shown in Appendix A.

6.4 Conducted Out of band emission measurement

6.4.1 Test limit

Part 15.247(d): The limit for out-of-band spurious emissions at the band edge is 20dB below the fundamental emission level, as determined from the in-band power measurement of the DTS channel performed in a 100 kHz bandwidth.

6.4.2 Test Procedure Used

ANSI C63.10-2013 – Section 11.11.3
KDB 558074 D01 v05r02 – Section 8.5

6.4.3 Reference level measurement Settings

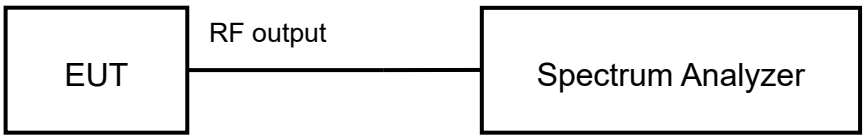
Establish a reference level by using the following procedure:
a) Set instrument center frequency to DTS channel center frequency.
b) Set the span to ≥ 1.5 MHz
c) Set the RBW = 100 kHz.
d) Set the VBW ≥ 300 kHz.
e) Detector = peak.
f) Sweep time = auto couple.
g) Trace mode = max hold.
h) Allow trace to fully stabilize.
i) Use the peak marker function to determine the maximum PSD level.

6.4.4 Test Settings

a) Set the center frequency and span to encompass frequency range to be measured.
b) Set the RBW = 100 kHz.
c) Set the VBW ≥ 300 kHz.
d) Detector = peak.
e) Set span to encompass the spectrum to be examined
f) Sweep time = auto couple.
g) Trace mode = max hold.
h) Allow trace to fully stabilize.
i) Use the peak marker function to determine the maximum amplitude level.

6.4.5 Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.



6.4.6 Test result

The spectrum plots are attached on the following pages. D1 line indicates the highest level, and D2 line indicates the 20dB offset below D1. It shows compliance with the requirement. The test results are shown in Appendix A.

6.5 Band-edge measurement

6.5.1 Test limit

Part 15.247(d): The limit for out-of-band spurious emissions at the band edge is 20dB below the fundamental emission level, as determined from the in-band power measurement of the DTS channel performed in a 100 kHz bandwidth.

6.5.2 Test Procedure Used

ANSI C63.10-2013 – Section 11.11.3
KDB 558074 D01 v05r02 – Section 8.7.2

6.5.3 Reference level measurement Settings

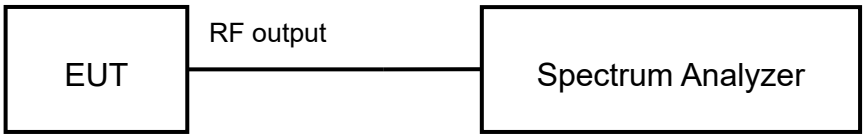
Establish a reference level by using the following procedure:
a) Set instrument center frequency to DTS channel center frequency.
b) Set the span to ≥ 1.5 MHz
c) Set the RBW = 100 kHz.
d) Set the VBW ≥ 300 kHz.
e) Detector = peak.
f) Sweep time = auto couple.
g) Trace mode = max hold.
h) Allow trace to fully stabilize.
i) Use the peak marker function to determine the maximum PSD level.

6.5.4 Test Settings

a) Set the center frequency and span to encompass frequency range to be measured.
b) Set the RBW = 100 kHz.
c) Set the VBW ≥ 300 kHz.
d) Detector = peak.
e) Set span to encompass the spectrum to be examined
f) Sweep time = auto couple.
g) Trace mode = max hold.
h) Allow trace to fully stabilize.
i) Use the peak marker function to determine the maximum amplitude level.

6.5.5 Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.



6.5.6 Test result

The spectrum plots are attached on the following pages. D1 line indicates the highest level, and D2 line indicates the 20dB offset below D1. It shows compliance with the requirement. The test results are shown in Appendix A.

6.6 Spurious Radiated Emissions

6.6.1 Test Description

All out of band radiated spurious emissions are measured with a spectrum analyzer connected to a receive antenna while the EUT is operating at maximum power and at the appropriate frequencies. Only the radiated emissions of the configuration that produced the worst case emissions are reported in this section.

6.6.2 Test limit

Part15.205, 15.209, 15.247(d)

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in below Table per Section 15.209. The spectrum shall be investigated from the lowest radio frequency signal generated in the device

Frequency [MHz]	Field strength [μV/m]	Measured Distance [meters]
0.009~0.490	2400/F(kHz)	300
0.490~1.705	24000/F(kHz)	30
1.705~30.0	30	30
30～88	100	3
88～216	150	3
216～960	200	3
Above 960	500	3

Radiated Limits

Part15.35(b):

There is also a limit on the radio frequency emissions, as measured using instrumentation with a peak detector function, corresponding to 20 dB above the maximum permitted average limit

Used conversion factor: Limit (dBμV/m) = 20 log (Limit (μV/m)/1μV/m)

Frequency [MHz]	Detector	Unit (dBμV/m)
30～88	Quasi-peak	40.0
88～216	Quasi-peak	43.5
216～960	Quasi-peak	46.0
960～1000	Quasi-peak	54.0
1000～5th harmonic of the highest frequency or 40GHz, whichever is lower	Average	54.0
	Peak	74.0

Conversion Radiated limits

6.6.3 Test Procedure Used

ANSI C63.10-2013

For Radiated emission below 30MHz

a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.
b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
c. Both X and Y axes of the antenna are set to make the measurement.
d. For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
e. The test-receiver system was set to Quasi-Peak Detect Function and recorded the reading with Maximum Hold Mode.

NOTE:
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer complied the following setting:

Frequency	RBW
9-150kHz	200-300Hz
0.15-30MHz	9-10kHz

2. Signals below 30MHz are not recorded in the report because they are lower than the limits by more than 20dB.

For Radiated emission above 30MHz
a. The EUT was placed on the top of a rotating table 0.8 meters (for 30MHz ~ 1GHz) / 1.5 meters (for above 1GHz) above the ground in chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
e. The test-receiver system was set to quasi-peak detect function and recorded the reading with Maximum Hold Mode when the test frequency is below 1 GHz.
f. The test-receiver system was set to peak and average detector and recorded the reading with Maximum Hold Mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

For the radiated emission test above 1GHz:
Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.

NOTE:
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Quasi-peak detection (QP) at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1GHz.
3. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Average detection (AV) at frequency above 1GHz. If duty cycle of test signal is < 98%, the duty factor need added to measured value.
4. All modes of operation were investigated and the worst-case emissions are reported.

6.6.4 Test Settings

Average Field Strength Measurements

Frequency	Detector
＜1000MHz	Quasi-peak
>1000MHz	Peak and average

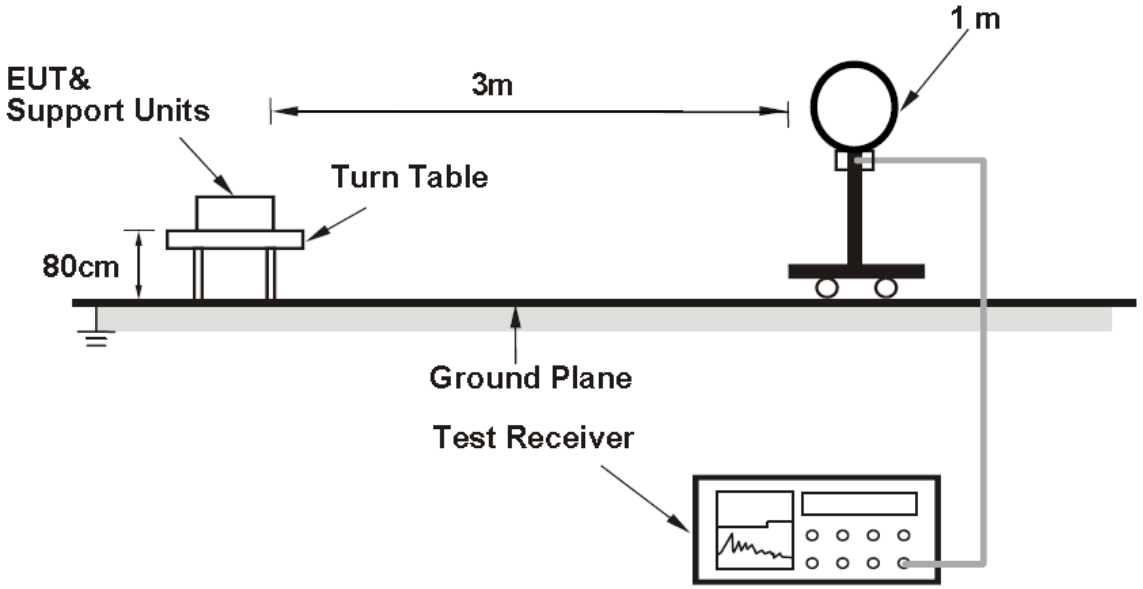
Peak Field Strength Measurements
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW is set depending on measurement frequency, as specified in following table

Frequency	RBW
9-150kHz	200-300Hz
0.15-30MHz	9-10kHz
30-1000MHz	100-120kHz
>1000MHz	1MHz

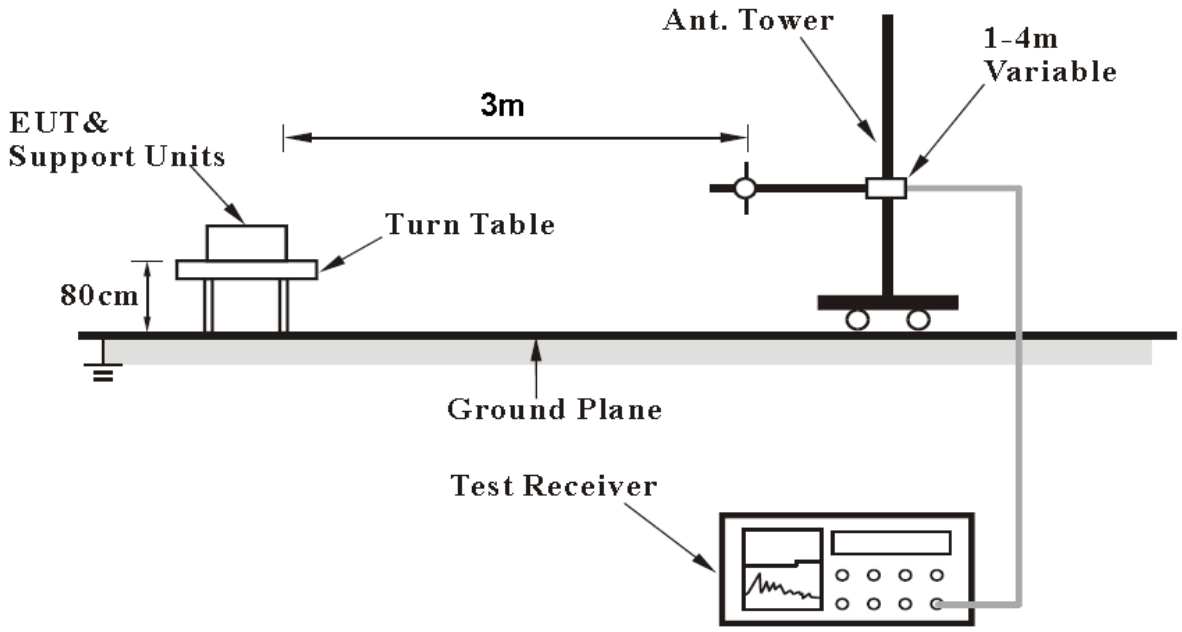
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

6.6.5 Test Setup

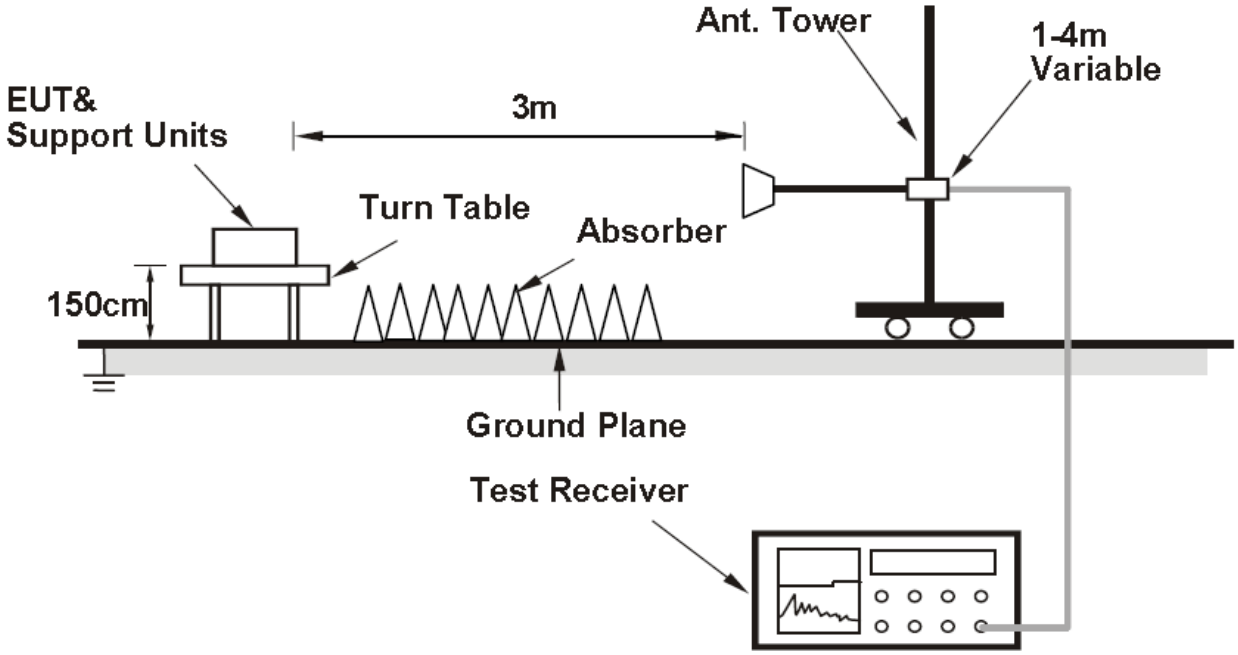
For Radiated emission below 30MHz



For Radiated emission 30MHz to 1GHz



For Radiated emission above 1GHz



6.6.6 Test result

The test results are shown in Appendix B.

6.7 AC Power line Conducted Emission

6.7.1 Test limit

FCC Part15.207

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	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.

The measurement is made according to ANSI C63.10-2013

6.7.2 Test Procedures

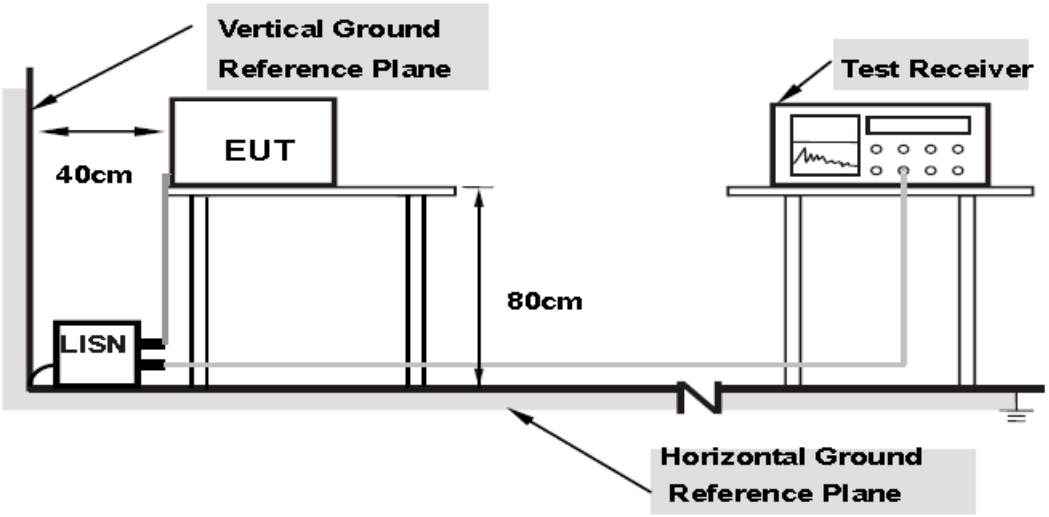
a. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.

b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.

c. The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit -20dB) were not recorded.

NOTE: The resolution bandwidth and video bandwidth of test receiver is 9kHz for quasi-peak detection (QP) and average detection (AV) at frequency 0.15MHz-30MHz.
The EUT shall test under the power AC120V/240V/60Hz.

6.7.3 Test Setup



For the actual test configuration, please refer to the attached file (Test Setup Photo).

6.7.4 Test result

The test results are shown in Appendix B.

7 MEASUREMENT UNCERTAINTIES

Items	Uncertainty	
6dB Bandwidth	3kHz	
Peak power output	0.67dB	
Transmitter Power Spectral Density	0.75dB	
Band edge compliance	1.20dB	
Conducted Out of band emission measurement	30MHz～1GHz	2.83dB
	1GHz～12.75GHz	2.50dB
	12.75GHz～25GHz	2.75dB
Spurious Radiated Emissions	30MHz～200MHz	4.88dB
	200MHz～1GHz	4.87dB
	1GHz～18GHz	4.58dB
	18GHz~40GHz	4.35dB
AC Power line Conducted Emission	3.92dB	

8 TEST EQUIPMENTS

No.	Name/ Model	Manufacturer	S/N	Cal date	Cal Due date
1.	Spectrum Analyzer FSV	ROHDE&SCHWARZ	101065	2020.08.20	2021.08.19
2.	N9020A Spectrum Analyzer	Agilent	MY48010771	2020.08.20	2021.08.19
3.	Power Meter E4416A	Agilent	MY52370013	2020.04.13	2021.04.12
4.	Power Sensor E9327A	Agilent	MY52420006	2020.04.13	2021.04.12
5.	Attenuator 6810.17.B	HUBER+SUHNER	768710	2020.08.20	2021.08.19
6.	23.18m×16.88m×9.60m Semi-Anechoic Chamber	FRANKONIA	---	-----	-----
7.	Turn table Diameter:5m	FRANKONIA	-----	-----	-----
8.	Antenna master SAC(MA4.0)	MATURO	-----	-----	-----
9.	9.080m×5.255m×3.525m Shielding room	FRANKONIA	-----	-----	-----
10.	HF 907 Double-Ridged Waveguide Horn Antenna	R&S	100512	2020.08.20	2021.08.19
11.	3160-09 Receive antenna	SCHWARZ-BECK	002058-002	2020.08.20	2021.08.19
12.	ESI 40 EMI test receiver	R&S	100015	2020.08.20	2021.08.19
13.	ESCS30 EMI test receiver	R&S	100029	2020.08.20	2021.08.19
14.	HL562 Receive antenna	R&S	100167	2020.08.20	2021.08.19
15.	ENV216 AMN	R&S	3560.6550.12	2020.08.20	2021.08.19

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

In order to find the worst case condition, Pre-tests are needed at the presence of different data rate. Data rate below means worst-case rate of each test item.
Worst-case data rates are shown as following table.

Test Mode	Data Rate
802.11b	1Mbps
802.11g	6Mbps
802.11n HT20	MCS0(6.5Mbps)
802.11n HT40	MCS0(13.5Mbps)
802.11ax HT20	MCS0(8.6Mbps)
802.11ax HT40	MCS0(17.2Mbps)

Directional gain

Band	Ant7 Gain (dBi)	Ant8 Gain (dBi)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/3kHz)
2.4GHz	-3.1	-2.8	0.5	30.0	8.0

Duty cycle

Test Mode	Duty Cycle (%)	Correction Factor(dB)
802.11b	98.66	0.06
802.11g	98.63	0.06
802.11n HT20	99.54	0.02
802.11n HT40	99.45	0.02
802.11ax HE20	99.52	0.02
802.11ax HE40	99.32	0.03

Conducted power

Mode	Tones/ RU Index	Freq(MHz)	Ant	Peak power output (dBm)	Average power output (dBm)
802.11b	NA	2412MHz	Ant7	14.11	11.63
	NA		Ant8	13.52	10.93
	NA	2437MHz	Ant7	13.88	11.21
	NA		Ant8	13.34	10.73
	NA	2462MHz	Ant7	13.95	11.32
	NA		Ant8	13.27	10.65
802.11g	NA	2412MHz	Ant7	18.92	11.56
	NA		Ant8	18.21	10.82
	NA	2437MHz	Ant7	18.67	11.15
	NA		Ant8	17.98	10.63
	NA	2462MHz	Ant7	18.73	11.27
	NA		Ant8	17.92	10.57
802.11n20M	NA	2412MHz	Ant7	19.22	11.48
	NA		Ant8	18.55	10.78
	NA		MIMO	21.91	14.15
	NA	2437MHz	Ant7	18.98	11.06
	NA		Ant8	18.31	10.41
	NA		MIMO	21.67	13.76
	NA	2462MHz	Ant7	18.97	11.13
	NA		Ant8	18.28	10.48
	NA		MIMO	21.65	13.83
802.11n40M	NA	2422MHz	Ant7	19.35	11.41
	NA		Ant8	18.46	10.56
	NA		MIMO	21.94	14.02
	NA	2437MHz	Ant7	19.24	11.27
	NA		Ant8	18.53	10.58
	NA		MIMO	21.91	13.95
	NA	2452MHz	Ant7	19.33	11.36
	NA		Ant8	18.45	10.43
	NA		MIMO	21.92	13.93

Mode	Tones/ RU Index	Freq(MHz)	Ant	Peak power output (dBm)	Average power output (dBm)
802.11ax20M	26T/0	2412MHz	Ant7	16.37	7.15
			Ant8	17.04	7.05
			MIMO	19.73	10.11
		2437MHz	Ant7	16.58	7.28
			Ant8	16.87	6.94
			MIMO	19.74	10.12
		2462MHz	Ant7	17.78	7.52
			Ant8	16.45	7.43
			MIMO	20.18	10.75
	26T/4	2412MHz	Ant7	17.21	7.13
			Ant8	17.24	7.05
			MIMO	20.24	10.1
		2437MHz	Ant7	17.02	7.05
			Ant8	16.65	6.71
			MIMO	19.85	9.89
		2462MHz	Ant7	17.05	7.15
			Ant8	15.83	6.67
			MIMO	19.49	9.93
	26T/8	2412MHz	Ant7	17.88	7.84
			Ant8	18.22	7.92
			MIMO	21.06	10.89
		2437MHz	Ant7	16.96	7.56
			Ant8	16.33	6.77
			MIMO	19.67	10.19
		2462MHz	Ant7	17.11	7.11
			Ant8	16.71	7.37
			MIMO	19.92	10.25
	52T/37	2412MHz	Ant7	17.36	6.94
			Ant8	17.31	6.84
			MIMO	20.35	9.9
		2437MHz	Ant7	17.21	7.31
			Ant8	16.82	6.75
			MIMO	20.03	10.05
		2462MHz	Ant7	17.77	7.82
			Ant8	17.56	7.34
			MIMO	20.68	10.6
	52T/39	2412MHz	Ant7	17.52	7.33
			Ant8	17.42	7.24
			MIMO	20.48	10.3
		2437MHz	Ant7	16.98	6.95
			Ant8	16.66	6.45
			MIMO	19.83	9.72
		2462MHz	Ant7	17.02	6.91

Mode	Tones/ RU Index	Freq(MHz)	Ant	Peak power output (dBm)	Average power output (dBm)
			Ant8	17.27	6.77
			MIMO	20.16	9.85
	52T/40	2412MHz	Ant7	17.27	7.66
			Ant8	17.56	7.68
			MIMO	20.43	10.68
		2437MHz	Ant7	17.35	7.31
			Ant8	16.65	6.61
			MIMO	20.02	9.98
		2462MHz	Ant7	17.02	7.03
			Ant8	17.38	7.38
			MIMO	20.21	10.22
	106T/53	2412MHz	Ant7	16.88	7.18
			Ant8	16.61	6.95
			MIMO	19.76	10.08
		2437MHz	Ant7	16.62	7.13
			Ant8	15.85	6.87
			MIMO	19.26	10.01
		2462MHz	Ant7	16.77	7.63
			Ant8	16.32	7.07
			MIMO	19.56	10.37
	106T/54	2412MHz	Ant7	17.41	7.62
			Ant8	17.13	7.57
			MIMO	20.28	10.61
		2437MHz	Ant7	16.65	7.24
			Ant8	15.97	6.66
			MIMO	19.33	9.97
		2462MHz	Ant7	16.77	7.13
			Ant8	16.55	7.04
			MIMO	19.67	10.1
	242T/61	2412MHz	Ant7	21.57	11.63
			Ant8	20.64	11.24
			MIMO	24.14	14.72
		2437MHz	Ant7	21.18	11.83
			Ant8	20.66	11.11
			MIMO	23.94	14.5
		2462MHz	Ant7	21.24	11.85
			Ant8	20.57	11.13
			MIMO	23.93	14.52

Mode	Tones/ RU Index	Freq(MHz)	Ant	Peak power output (dBm)	Average power output (dBm)
802.11ax40M	26T/0	2422MHz	Ant7	17.41	6.96
			Ant8	15.92	6.19
			MIMO	19.74	9.60
		2437MHz	Ant7	17.39	7.37
			Ant8	16.93	6.84
			MIMO	20.18	10.12
		2452MHz	Ant7	17.13	7.31
			Ant8	17.51	7.95
			MIMO	20.33	10.65
	26T/10	2422MHz	Ant7	17.25	7.48
			Ant8	17.73	6.98
			MIMO	20.51	10.25
		2437MHz	Ant7	16.91	7.05
			Ant8	16.90	6.90
			MIMO	19.92	9.99
		2452MHz	Ant7	16.88	7.25
			Ant8	17.03	7.05
			MIMO	19.97	10.16
	26T/17	2422MHz	Ant7	17.21	7.48
			Ant8	17.00	7.27
			MIMO	20.12	10.39
		2437MHz	Ant7	17.92	7.32
			Ant8	17.04	6.15
			MIMO	20.51	9.78
		2452MHz	Ant7	16.60	6.48
			Ant8	16.94	6.83
			MIMO	19.78	9.67
	52T/37	2422MHz	Ant7	17.10	7.03
			Ant8	16.35	6.29
			MIMO	19.75	9.69
		2437MHz	Ant7	17.46	7.46
			Ant8	17.19	6.86
			MIMO	20.34	10.18
		2452MHz	Ant7	17.34	7.42
			Ant8	18.49	8.33
			MIMO	20.96	10.91
	52T/41	2422MHz	Ant7	17.96	7.58
			Ant8	17.27	7.11
			MIMO	20.64	10.36
		2437MHz	Ant7	17.72	7.20
			Ant8	17.69	7.39
			MIMO	20.72	10.31
		2452MHz	Ant7	17.47	7.34

Mode	Tones/ RU Index	Freq(MHz)	Ant	Peak power output (dBm)	Average power output (dBm)
			Ant8	17.71	7.21
			MIMO	20.60	10.29
	52T/44	2422MHz	Ant7	17.56	7.70
			Ant8	17.77	7.46
			MIMO	20.68	10.59
		2437MHz	Ant7	17.66	7.41
			Ant8	16.73	6.38
			MIMO	20.23	9.94
		2452MHz	Ant7	17.04	6.69
			Ant8	17.67	6.85
			MIMO	20.38	9.78
	106T/53	2422MHz	Ant7	17.09	7.16
			Ant8	16.68	6.37
			MIMO	19.90	9.79
		2437MHz	Ant7	17.46	7.54
			Ant8	16.49	6.83
			MIMO	20.01	10.21
		2452MHz	Ant7	17.13	7.38
			Ant8	17.90	8.19
			MIMO	20.54	10.81
	106T/55	2422MHz	Ant7	17.31	7.51
			Ant8	17.30	7.48
			MIMO	20.32	10.51
		2437MHz	Ant7	16.96	7.17
			Ant8	17.19	7.37
			MIMO	20.09	10.28
		2452MHz	Ant7	16.99	7.17
			Ant8	17.00	7.09
			MIMO	20.01	10.14
	106T/56	2422MHz	Ant7	17.04	7.66
			Ant8	16.56	7.49
			MIMO	19.82	10.59
		2437MHz	Ant7	17.23	7.45
			Ant8	16.39	6.50
			MIMO	19.84	10.01
		2452MHz	Ant7	16.61	6.76
			Ant8	16.83	6.83
			MIMO	19.73	9.81
	242T/61	2422MHz	Ant7	17.05	7.25
			Ant8	16.24	6.64
			MIMO	19.67	9.97
		2437MHz	Ant7	16.81	7.16
			Ant8	16.18	6.89
			MIMO	19.52	10.04

Mode	Tones/ RU Index	Freq(MHz)	Ant	Peak power output (dBm)	Average power output (dBm)
		2452MHz	Ant7	16.60	7.28
			Ant8	17.06	7.86
			MIMO	19.85	10.59
	242T/62	2422MHz	Ant7	16.94	7.43
			Ant8	16.52	7.33
			MIMO	19.75	10.39
		2437MHz	Ant7	16.80	7.25
			Ant8	16.47	6.64
			MIMO	19.65	9.97
		2452MHz	Ant7	16.71	6.87
			Ant8	16.73	6.79
			MIMO	19.73	9.84
	484T/65	2422MHz	Ant7	20.40	11.30
			Ant8	20.20	11.05
			MIMO	23.31	14.19
		2437MHz	Ant7	20.12	10.98
			Ant8	20.08	10.95
			MIMO	23.11	13.98
		2452MHz	Ant7	20.17	11.04
			Ant8	20.06	11.03
			MIMO	23.13	14.05

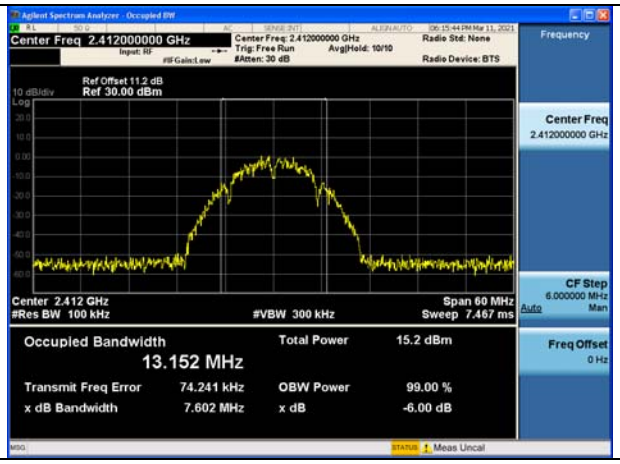
6dB Bandwidth

Offset 11.2dB =Attenuator 10dB+ Temporary antenna connector loss 0.2dB+ Cable loss 1dB

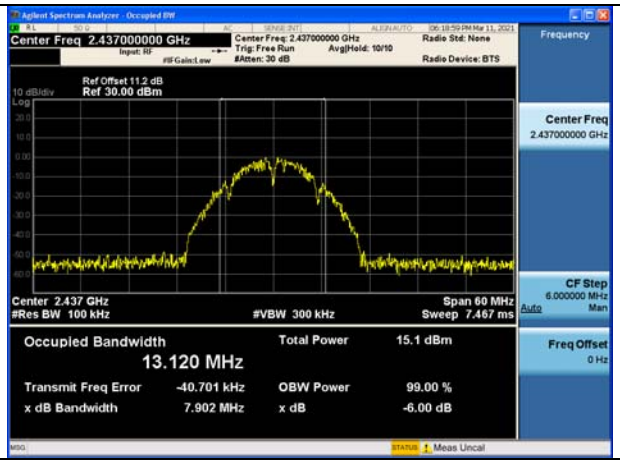
Test Mode:802.11b

Carrier frequency (MHz)	Channel No.	Ant	6 dB bandwidth (MHz)
2412MHz	1	Ant7	7.60
		Ant8	7.59
2437MHz	6	Ant7	7.90
		Ant8	7.96
2462MHz	11	Ant7	7.16
		Ant8	6.40

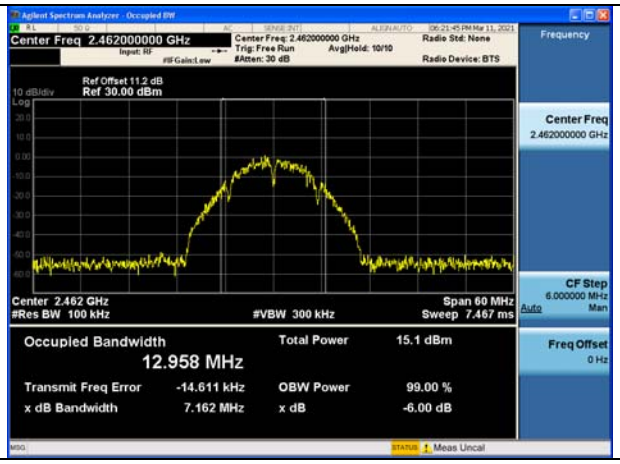
Test Mode:802.11b Ant7



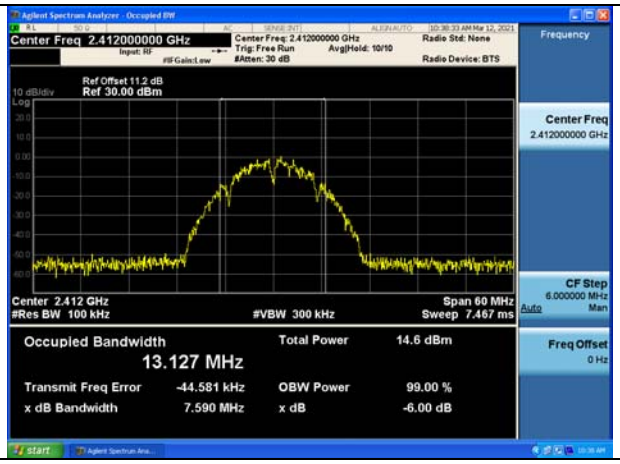
Test Mode:802.11b Ant7



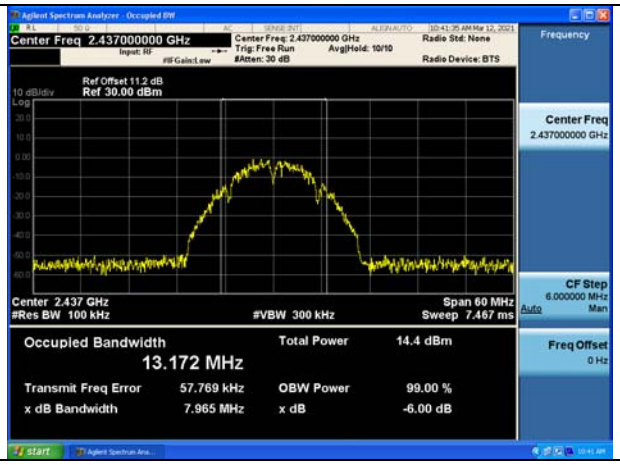
Test Mode:802.11b Ant7



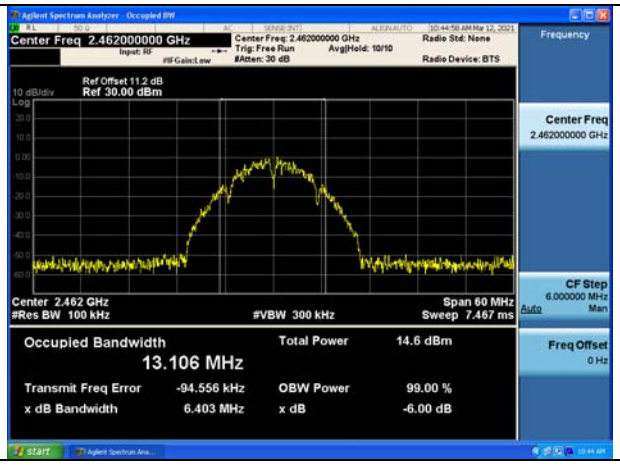
Test Mode:802.11b Ant8



Test Mode:802.11b Ant8



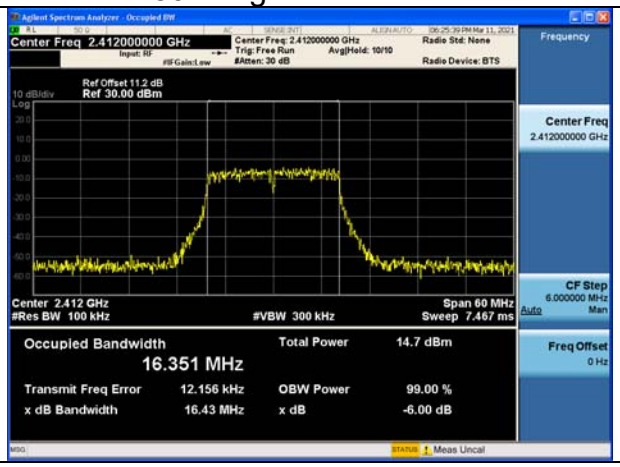
Test Mode:802.11b Ant8



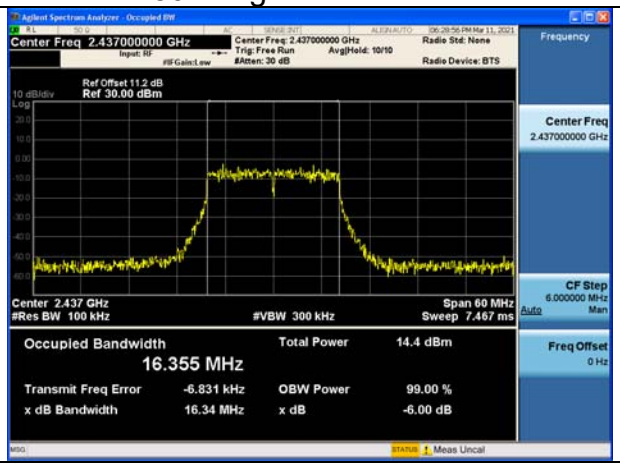
Test Mode:802.11g

Carrier frequency (MHz)	Channel No.	Ant	6 dB bandwidth (MHz)
2412MHz	1	Ant7	16.43
		Ant8	16.30
2437MHz	6	Ant7	16.34
		Ant8	16.47
2462MHz	11	Ant7	16.29
		Ant8	16.42

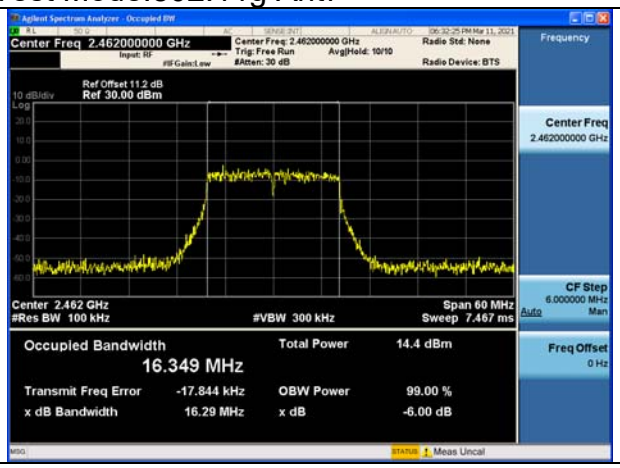
Test Mode:802.11g Ant7



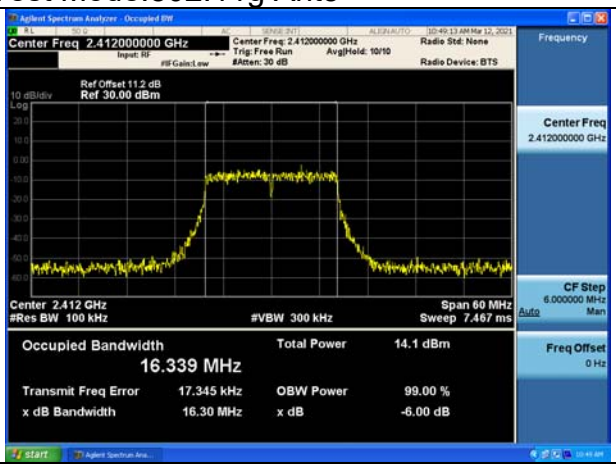
Test Mode:802.11g Ant7



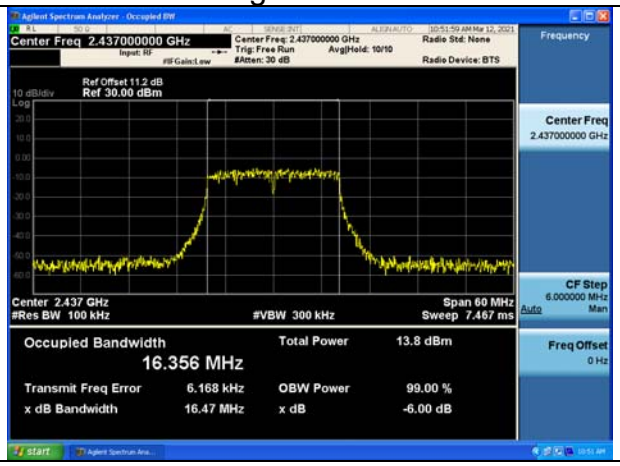
Test Mode:802.11g Ant7



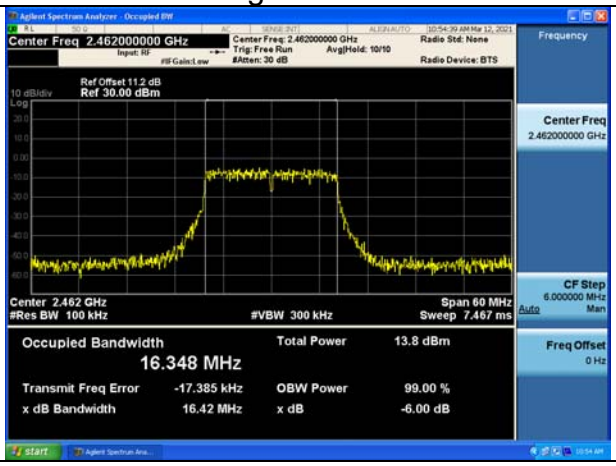
Test Mode:802.11g Ant8



Test Mode:802.11g Ant8



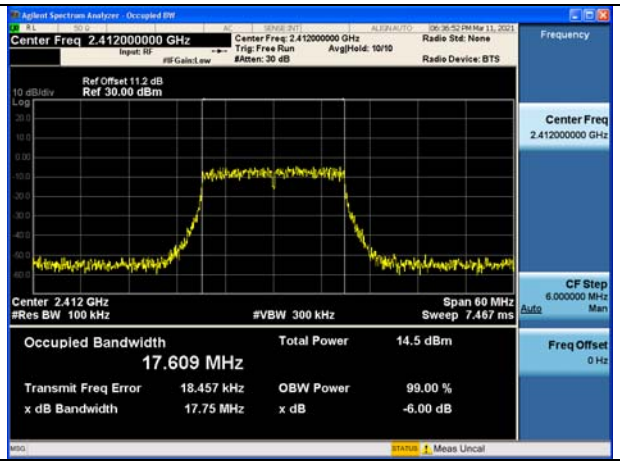
Test Mode:802.11g Ant8



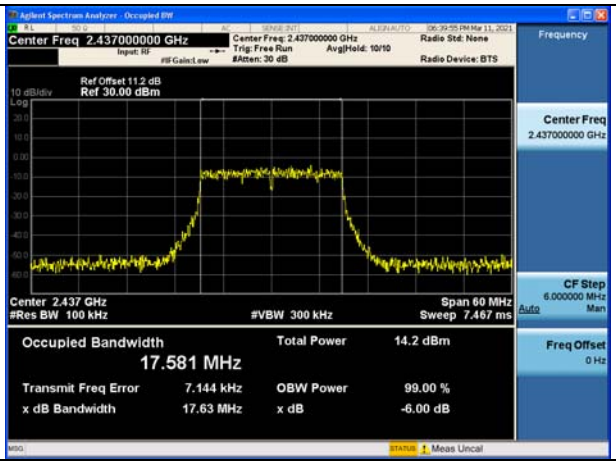
Test Mode:802. 11n HT20

Carrier frequency (MHz)	Channel No.	Ant	6 dB bandwidth (MHz)
2412MHz	1	Ant7	17.75
		Ant8	17.61
2437MHz	6	Ant7	17.63
		Ant8	17.64
2462MHz	11	Ant7	16.51
		Ant8	17.57

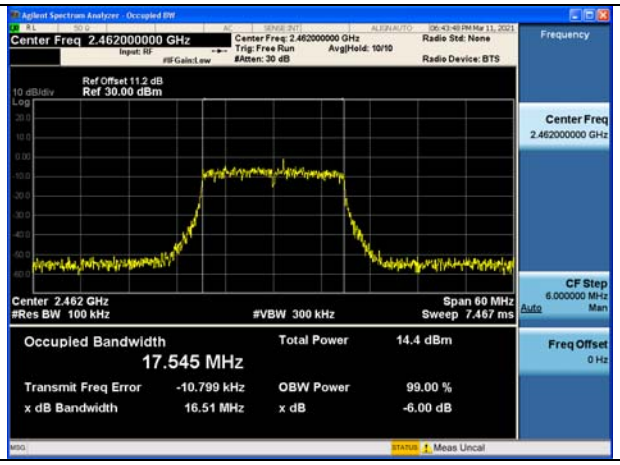
Test Mode:802. 11n HT20 Ant7



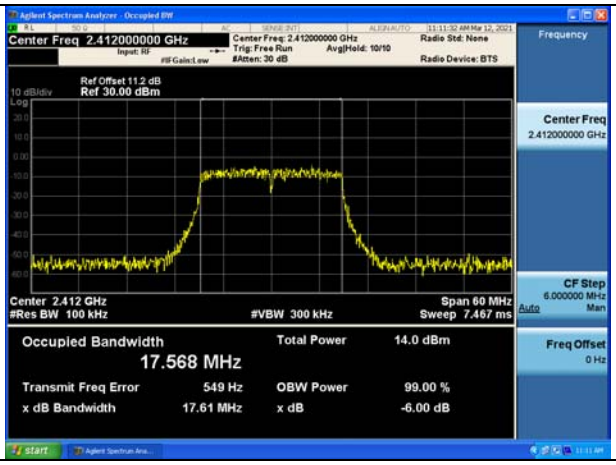
Test Mode:802. 11n HT20 Ant7



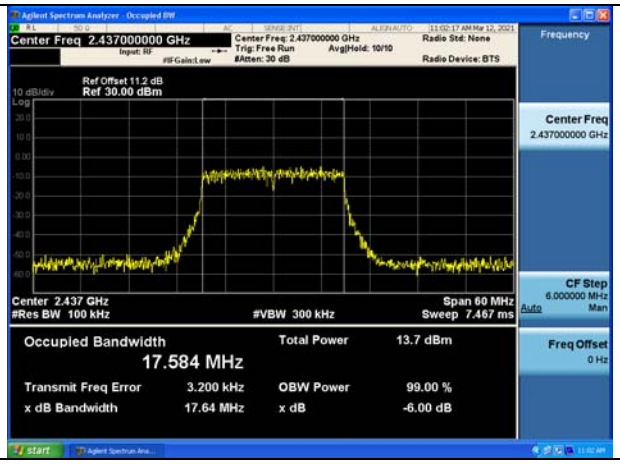
Test Mode:802. 11n HT20 Ant7



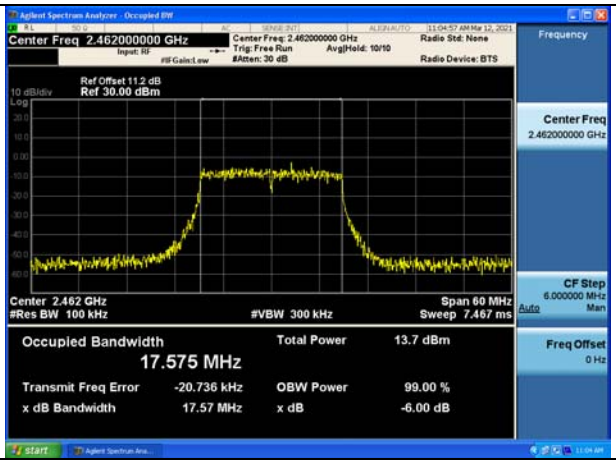
Test Mode:802. 11n HT20 Ant8



Test Mode:802. 11n HT20 Ant8



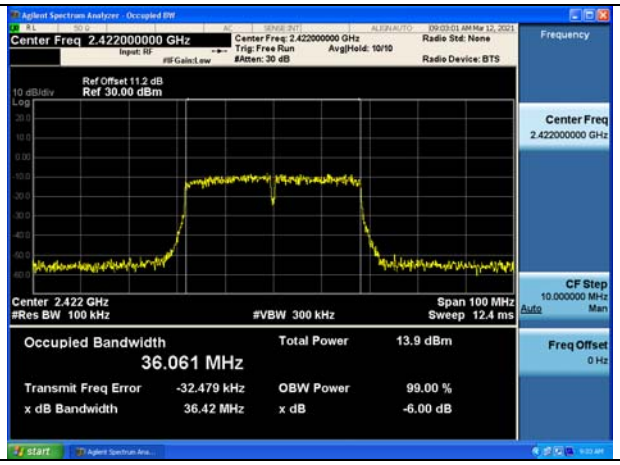
Test Mode:802. 11n HT20 Ant8



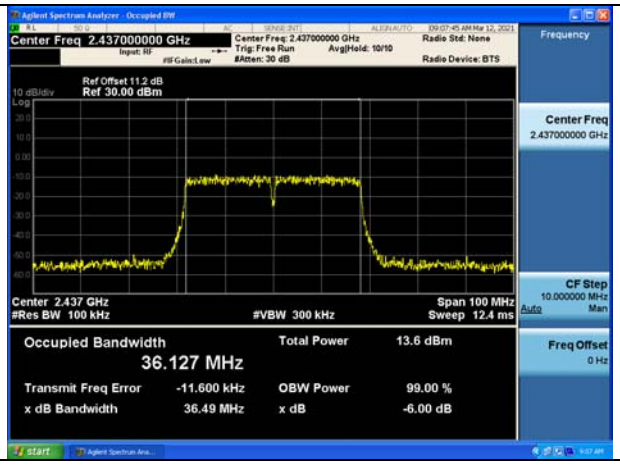
Test Mode:802. 11n HT40

Carrier frequency (MHz)	Channel No.	Ant	6 dB bandwidth (MHz)
2422MHz	3	Ant7	36.42
		Ant8	36.49
2437MHz	6	Ant7	36.49
		Ant8	36.48
2452MHz	9	Ant7	36.44
		Ant8	36.45

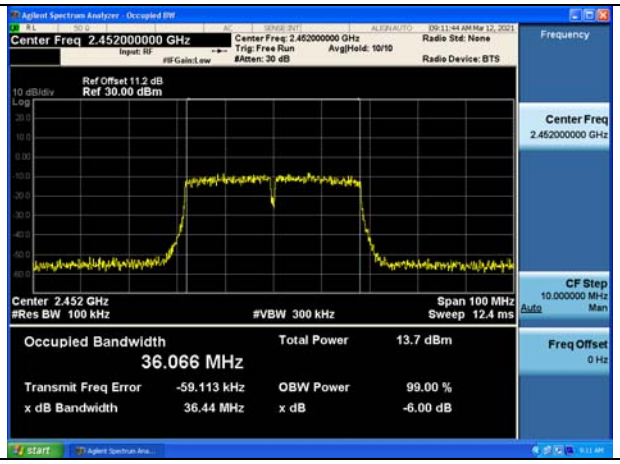
Test Mode:802. 11n HT40 Ant7



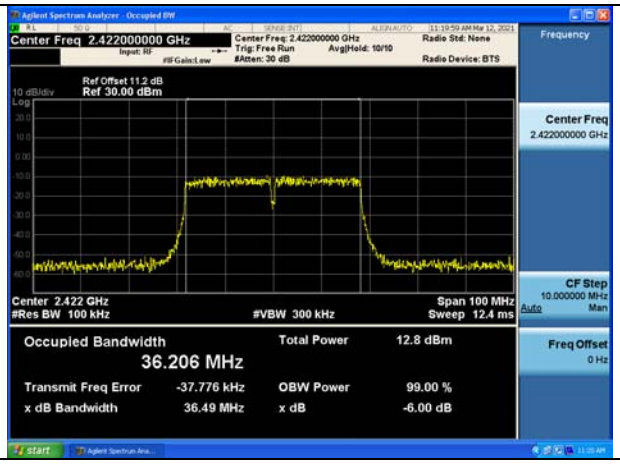
Test Mode:802. 11n HT40 Ant7



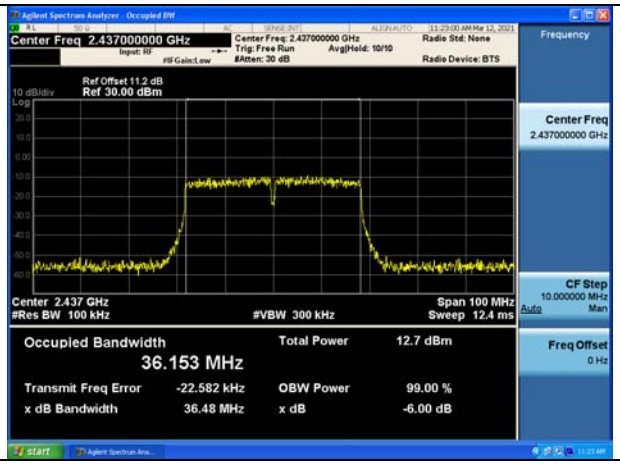
Test Mode:802. 11n HT40 Ant7



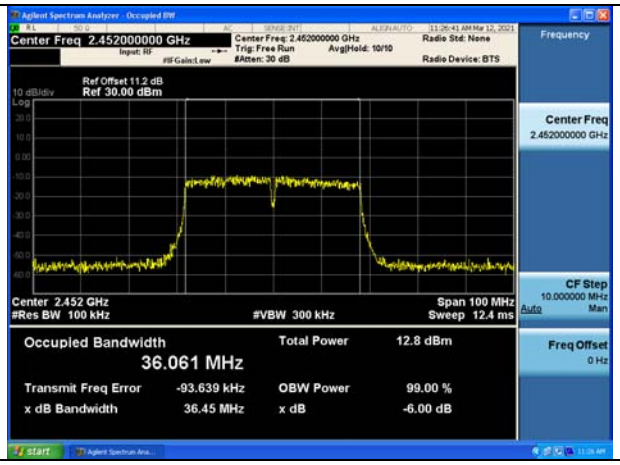
Test Mode:802. 11n HT40 Ant8



Test Mode:802. 11n HT40 Ant8



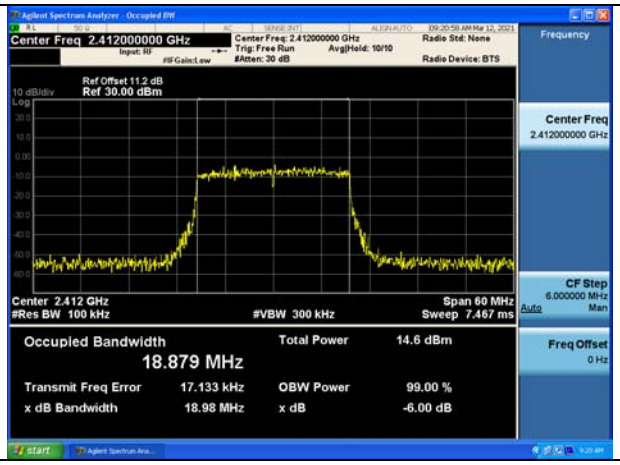
Test Mode:802. 11n HT40 Ant8



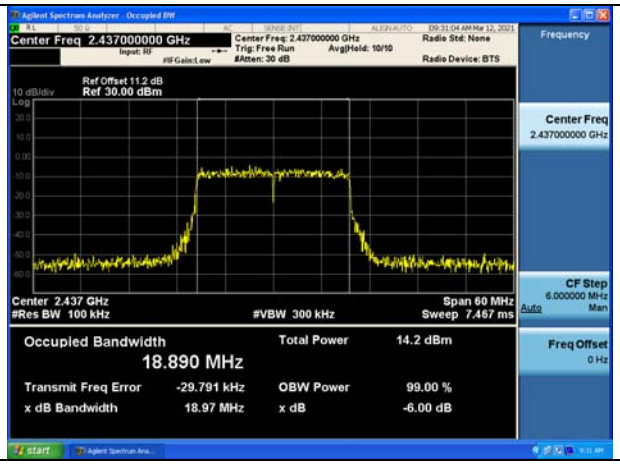
Test Mode:802.11ax HE20(242)

Carrier frequency (MHz)	Channel No.	Ant	6 dB bandwidth (MHz)
2412MHz	1	Ant7	18.98
		Ant8	18.94
2437MHz	6	Ant7	18.97
		Ant8	18.93
2462MHz	11	Ant7	19.02
		Ant8	19.00

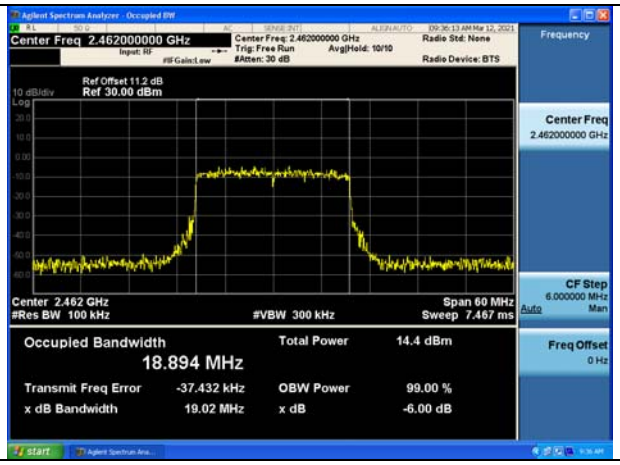
Test Mode:802. 11ax HE20 Ant7



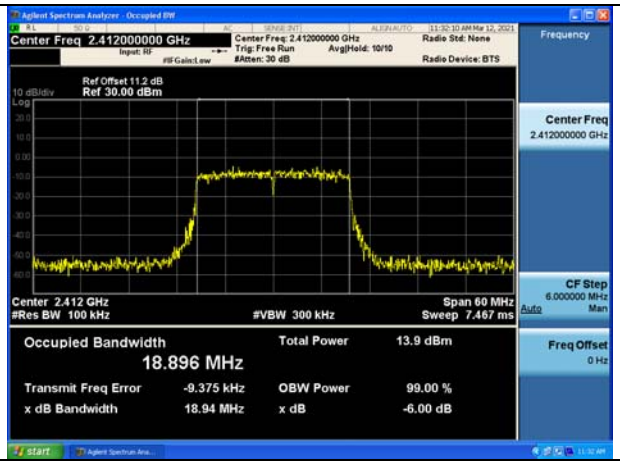
Test Mode:802. 11ax HE20 Ant7



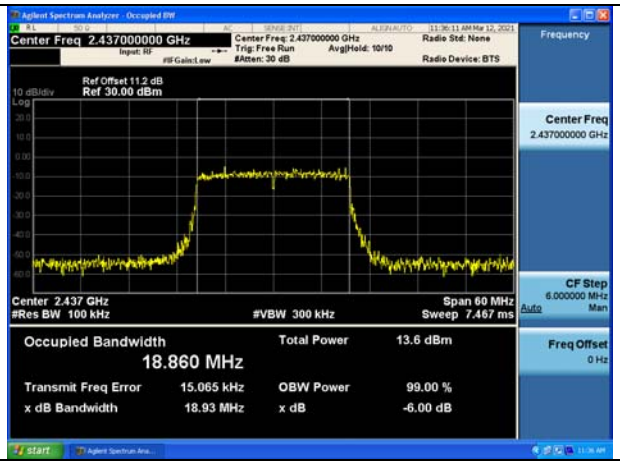
Test Mode:802. 11ax HE20 Ant7



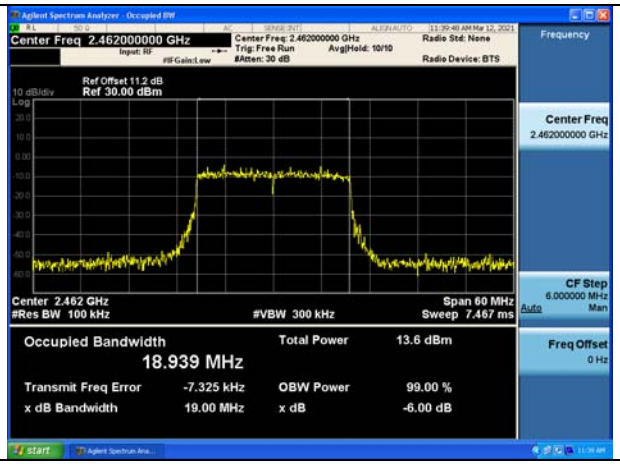
Test Mode:802. 11ax HE20 Ant8



Test Mode:802. 11ax HE20 Ant8



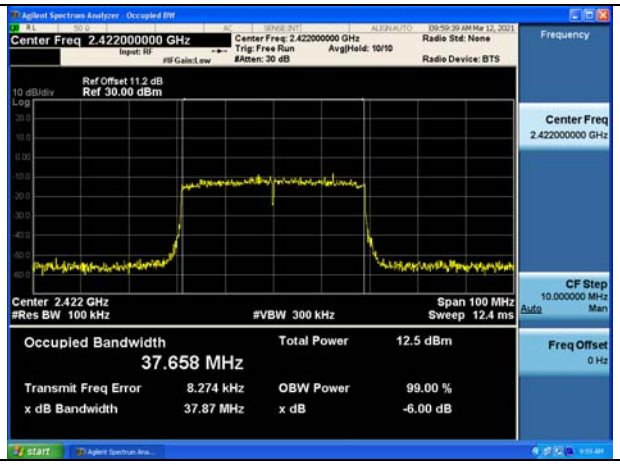
Test Mode:802. 11ax HE20 Ant8



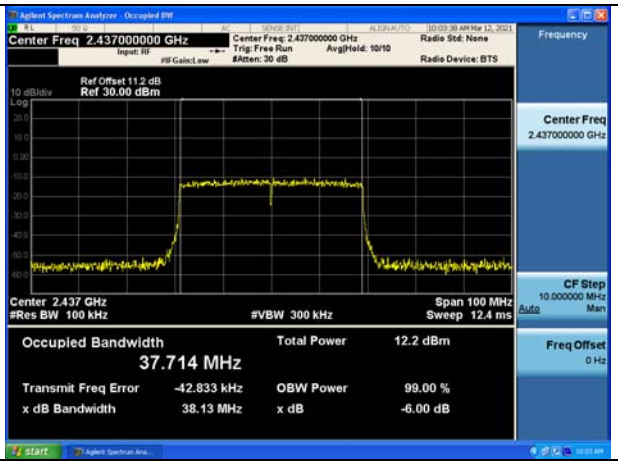
Test Mode:802.11ax HE40(484)

Carrier frequency (MHz)	Channel No.	Ant	6 dB bandwidth (MHz)
2422MHz	3	Ant7	37.87
		Ant8	38.01
2437MHz	6	Ant7	38.13
		Ant8	37.86
2452MHz	9	Ant7	38.08
		Ant8	38.06

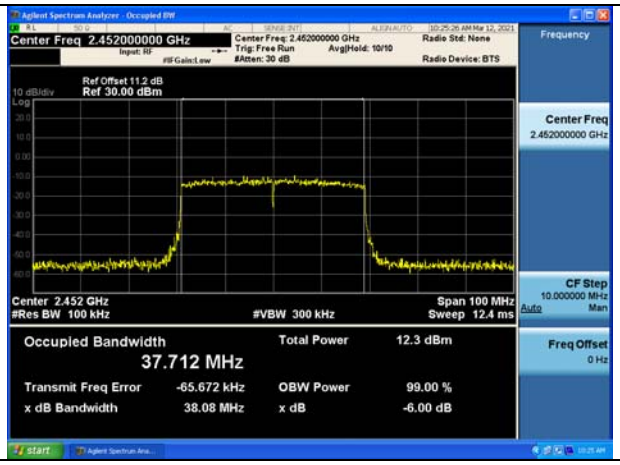
Test Mode:802. 11ax HE40 Ant7



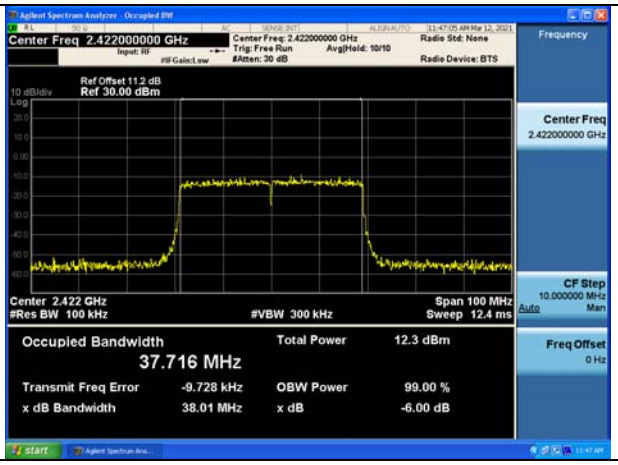
Test Mode:802. 11ax HE40 Ant7



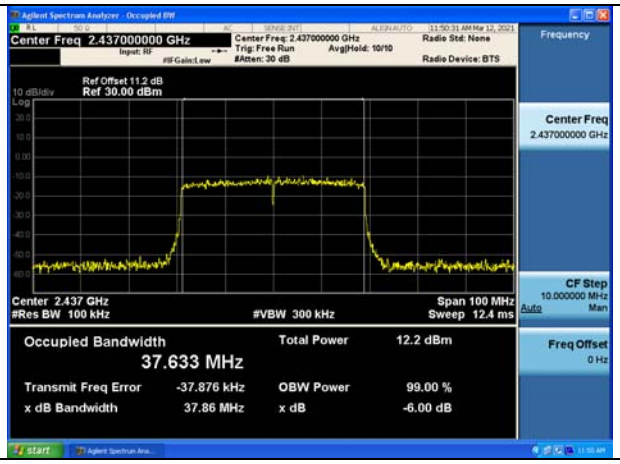
Test Mode:802. 11ax HE40 Ant7



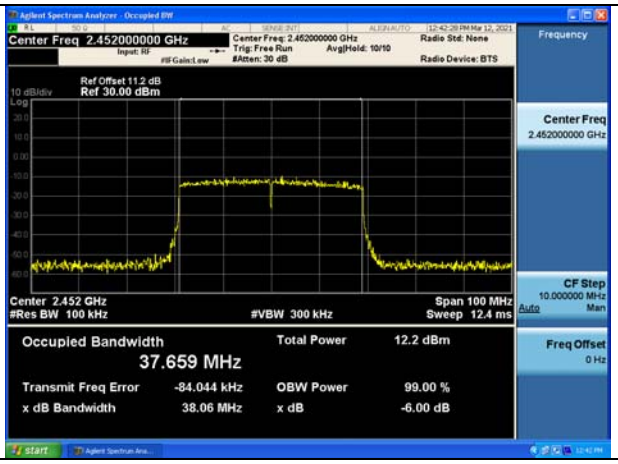
Test Mode:802. 11ax HE40 Ant8



Test Mode:802. 11ax HE40 Ant8



Test Mode:802. 11ax HE40 Ant8



Transmitter Power Spectral Density

Offset 11.2dB =Attenuator 10dB+ Temporary antenna connector loss 0.2dB+ Cable loss 1dB

Test Mode:802.11b

Carrier frequency (MHz)	Channel No.	Ant	Power Density (dBm)
2412MHz	1	Ant7	-10.076
		Ant8	-10.518
2437MHz	6	Ant7	-10.126
		Ant8	-10.326
2462MHz	11	Ant7	-10.004
		Ant8	-10.594

Test Mode:802.11b Ant7

Test Mode:802.11b Ant7

Test Mode:802.11b Ant7

Test Mode:802.11b Ant8

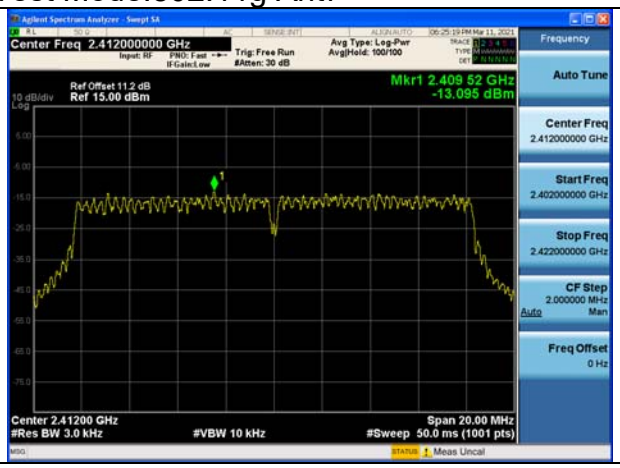
Test Mode:802.11b Ant8

Test Mode:802.11b Ant8

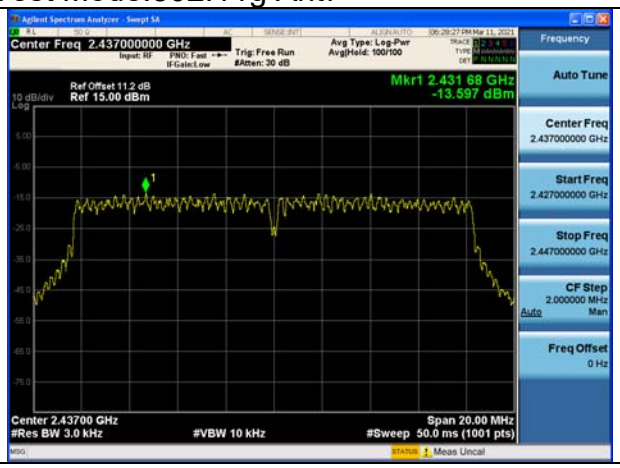
Test Mode:802.11g

Carrier frequency (MHz)	Channel No.	Ant	Power Density (dBm)
2412MHz	1	Ant7	-13.095
		Ant8	-13.984
2437MHz	6	Ant7	-13.597
		Ant8	-14.024
2462MHz	11	Ant7	-13.826
		Ant8	-13.243

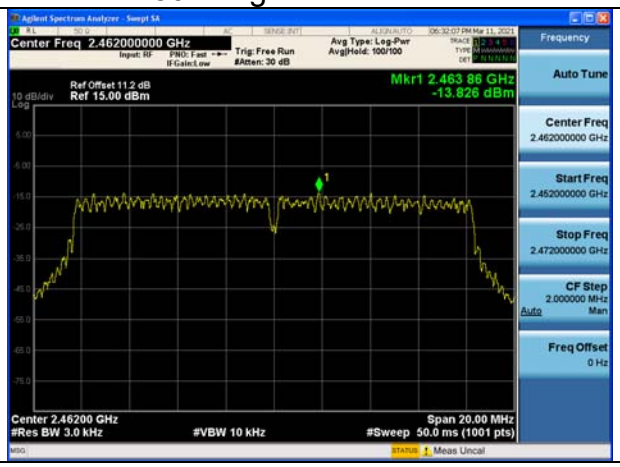
Test Mode:802.11g Ant7



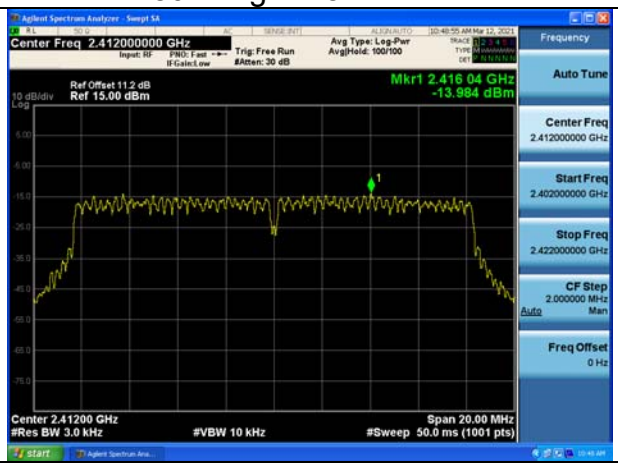
Test Mode:802.11g Ant7



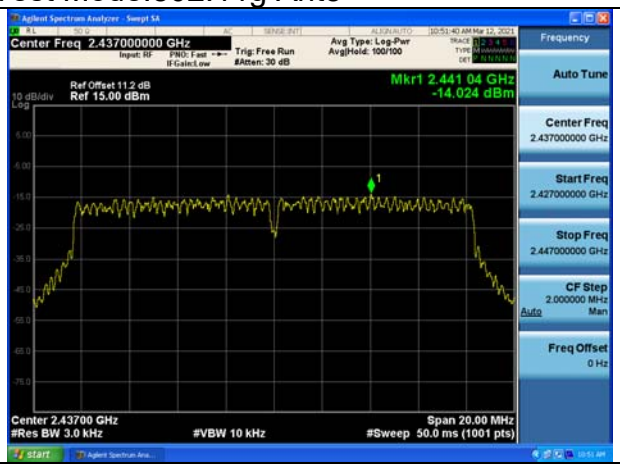
Test Mode:802.11g Ant7



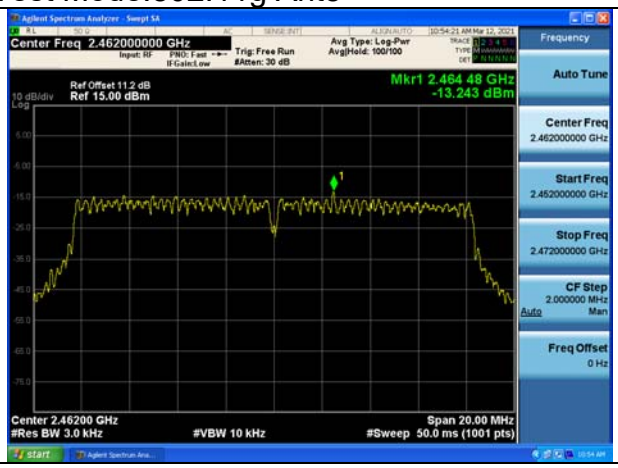
Test Mode:802.11g Ant8



Test Mode:802.11g Ant8



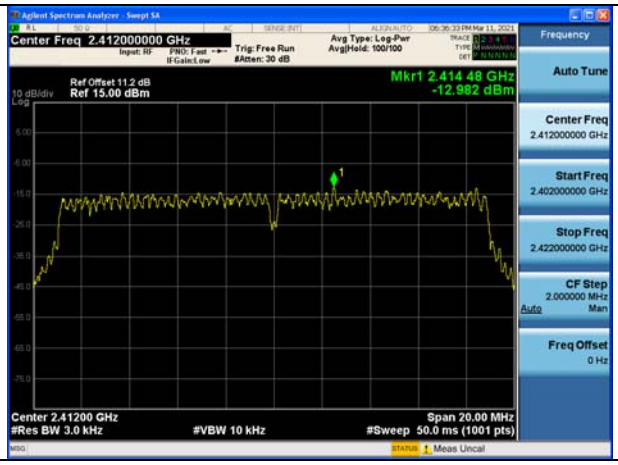
Test Mode:802.11g Ant8



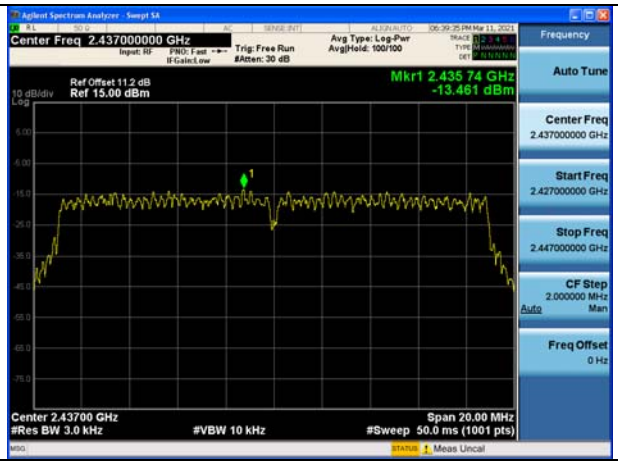
Test Mode:802. 11n HT20

Carrier frequency (MHz)	Channel No.	Ant	Power Density (dBm)
2412MHz	1	Ant7	-12.982
		Ant8	-13.963
		MIMO	-10.43
2437MHz	6	Ant7	-13.461
		Ant8	-14.016
		MIMO	-10.72
2462MHz	11	Ant7	-13.758
		Ant8	-13.265
		MIMO	-10.49

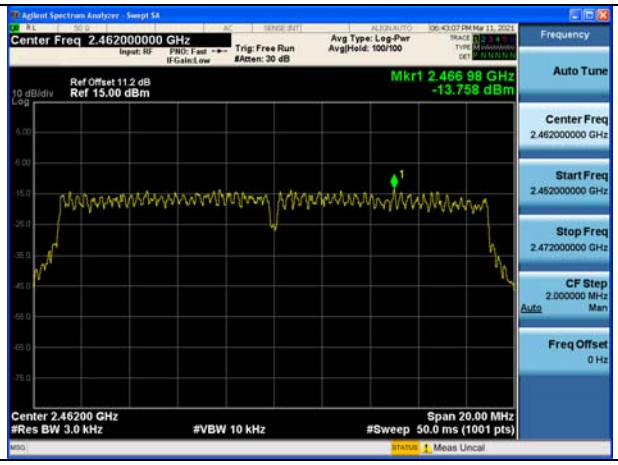
Test Mode:802. 11n HT20 Ant7



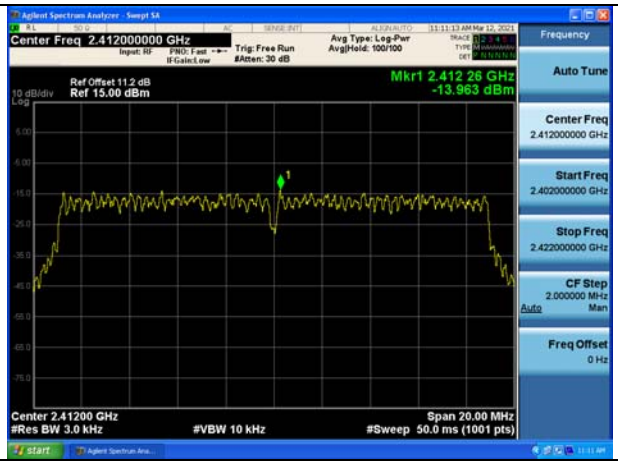
Test Mode:802. 11n HT20 Ant7



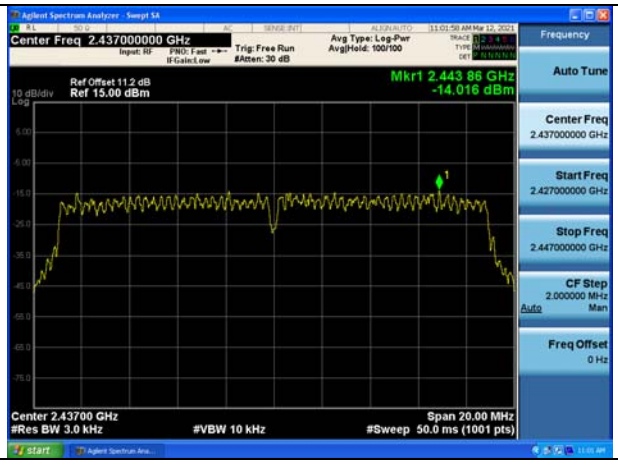
Test Mode:802. 11n HT20 Ant7



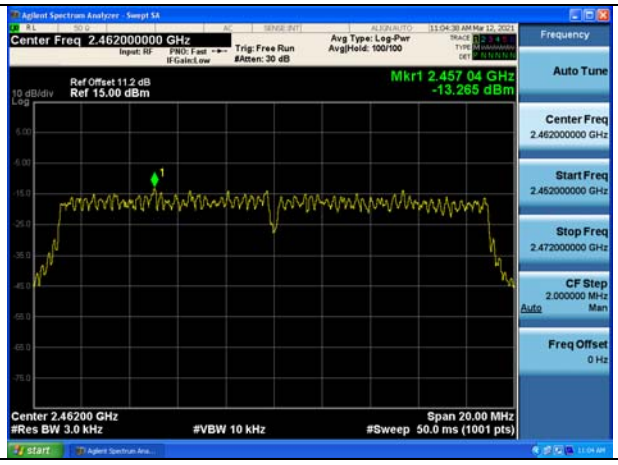
Test Mode:802. 11n HT20 Ant8



Test Mode:802. 11n HT20 Ant8



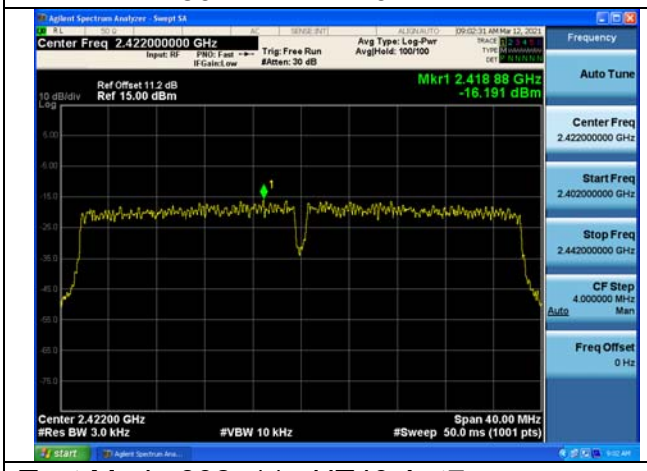
Test Mode:802. 11n HT20 Ant8



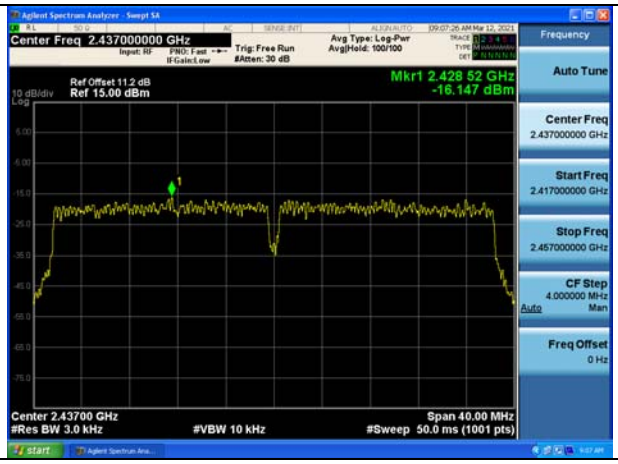
Test Mode:802. 11n HT40

Carrier frequency (MHz)	Channel No.	Ant	Power Density (dBm)
2422MHz	3	Ant7	-16.191
		Ant8	-16.890
		MIMO	-13.52
2437MHz	6	Ant7	-16.147
		Ant8	-16.596
		MIMO	-13.36
2452MHz	9	Ant7	-16.170
		Ant8	-16.300
		MIMO	-13.22

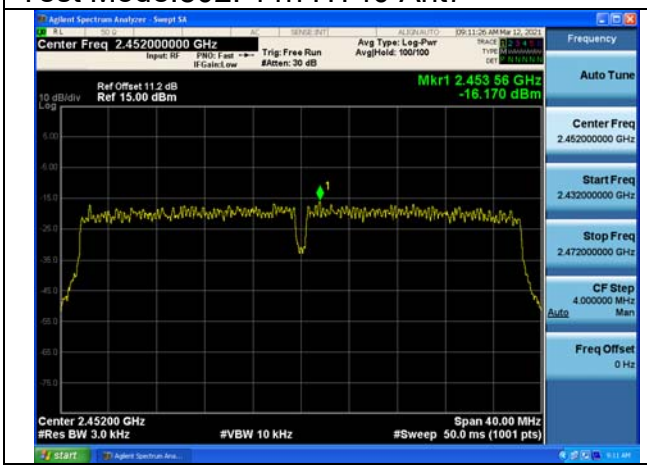
Test Mode:802. 11n HT40 Ant7



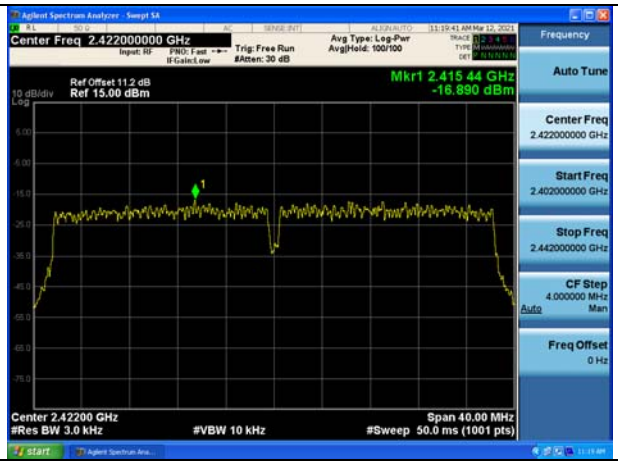
Test Mode:802. 11n HT40 Ant7

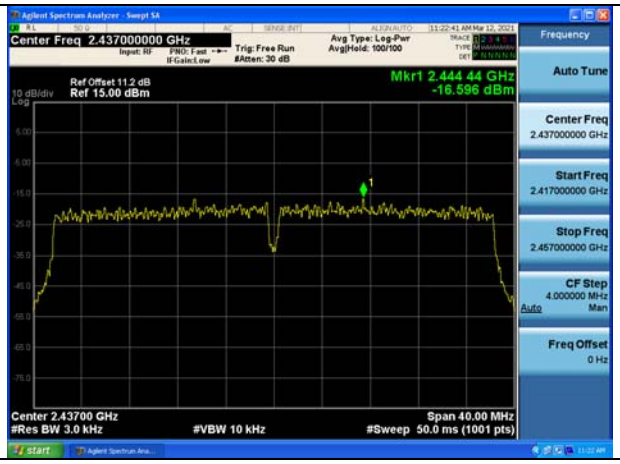
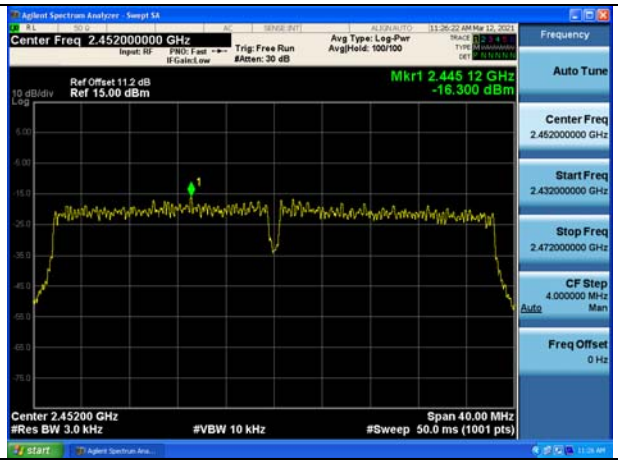


Test Mode:802. 11n HT40 Ant7



Test Mode:802. 11n HT40 Ant8



Test Mode:802. 11n HT40 Ant8	Test Mode:802. 11n HT40 Ant8
	

Test Mode:802.11ax HE20(242)

Carrier frequency (MHz)	Channel No.	Tones	Ant	Power Density (dBm)
2412MHz	1	26T	Ant7	-10.256
			Ant8	-9.090
			MIMO	-6.62
2437MHz	6		Ant7	-9.385
			Ant8	-11.124
			MIMO	-7.16
2462MHz	11		Ant7	-9.959
			Ant8	-9.988
			MIMO	-6.96

Test Mode:802. 11ax HE20 Ant7	Test Mode:802. 11ax HE20 Ant7

Test Mode:802. 11ax HE20 Ant7	Test Mode:802. 11ax HE20 Ant8
Test Mode:802. 11ax HE20 Ant8	Test Mode:802. 11ax HE20 Ant8

Test Mode:802.11ax HE20(242)

Carrier frequency (MHz)	Channel No.	Tones	Ant	Power Density (dBm)
2412MHz	1	52T	Ant7	-12.988
			Ant8	-13.114
			MIMO	-10.04
2437MHz	6		Ant7	-12.469
			Ant8	-13.441
			MIMO	-9.92
2462MHz	11		Ant7	-12.317
			Ant8	-13.539
			MIMO	-9.87

Test Mode:802. 11ax HE20 Ant7

Test Mode:802. 11ax HE20 Ant7

Test Mode:802. 11ax HE20 Ant7

Test Mode:802. 11ax HE20 Ant8

Test Mode:802. 11ax HE20 Ant8	Test Mode:802. 11ax HE20 Ant8

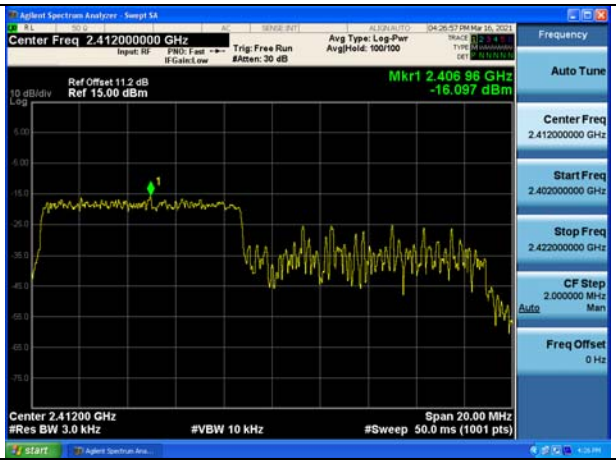
Test Mode:802.11ax HE20(242)

Carrier frequency (MHz)	Channel No.	Tones	Ant	Power Density (dBm)
2412MHz	1	106T	Ant7	-15.752
			Ant8	-16.097
			MIMO	-12.91
2437MHz	6		Ant7	-15.517
			Ant8	-16.657
			MIMO	-13.04
2462MHz	11		Ant7	-15.369
			Ant8	-15.535
			MIMO	-12.44

Test Mode:802. 11ax HE20 Ant7	Test Mode:802. 11ax HE20 Ant7

Test Mode:802. 11ax HE20 Ant7

Test Mode:802. 11ax HE20 Ant8



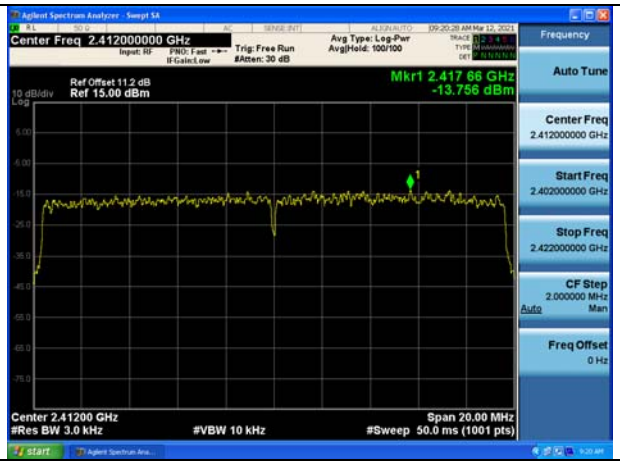
Test Mode:802. 11ax HE20 Ant8

Test Mode:802. 11ax HE20 Ant8

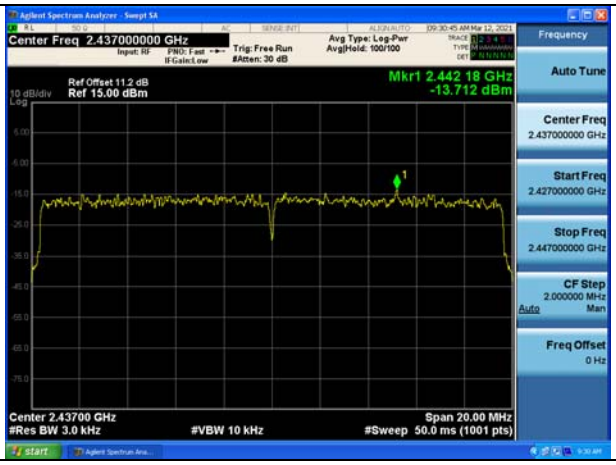
Test Mode:802.11ax HE20(242)

Carrier frequency (MHz)	Channel No.	Tones	Ant	Power Density (dBm)
2412MHz	1	242T	Ant7	-13.756
			Ant8	-14.930
			MIMO	-11.29
2437MHz	6		Ant7	-13.712
			Ant8	-14.750
			MIMO	-11.19
2462MHz	11		Ant7	-13.947
			Ant8	-14.698
			MIMO	-11.30

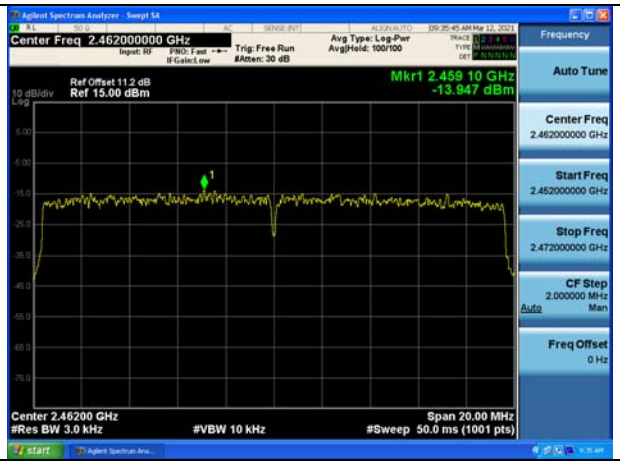
Test Mode:802. 11ax HE20 Ant7



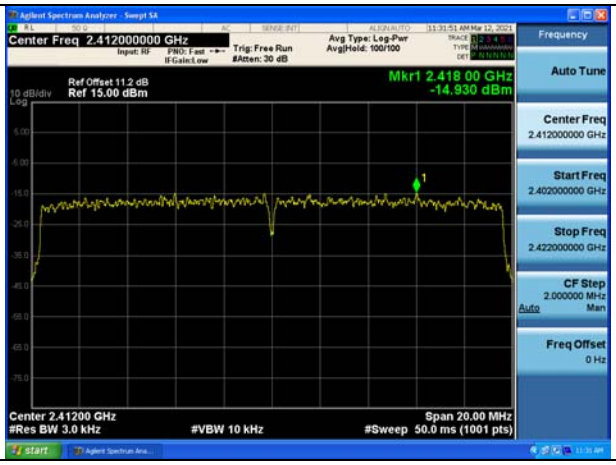
Test Mode:802. 11ax HE20 Ant7



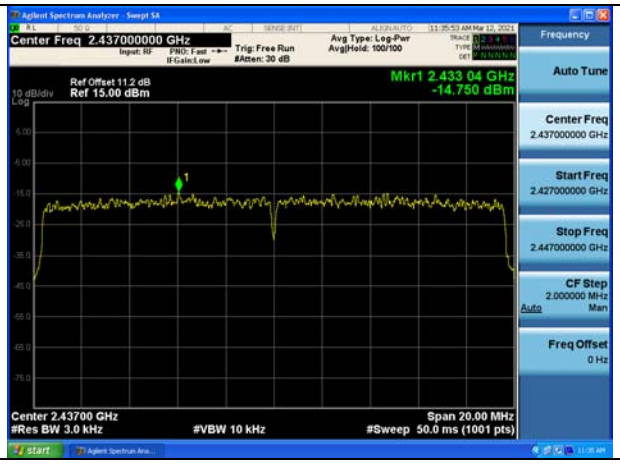
Test Mode:802. 11ax HE20 Ant7



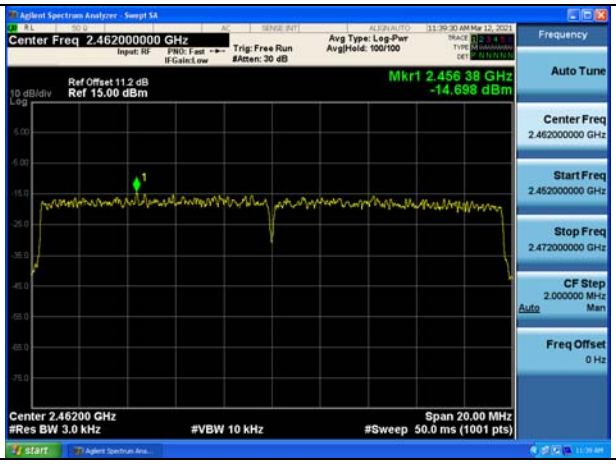
Test Mode:802. 11ax HE20 Ant8



Test Mode:802. 11ax HE20 Ant8



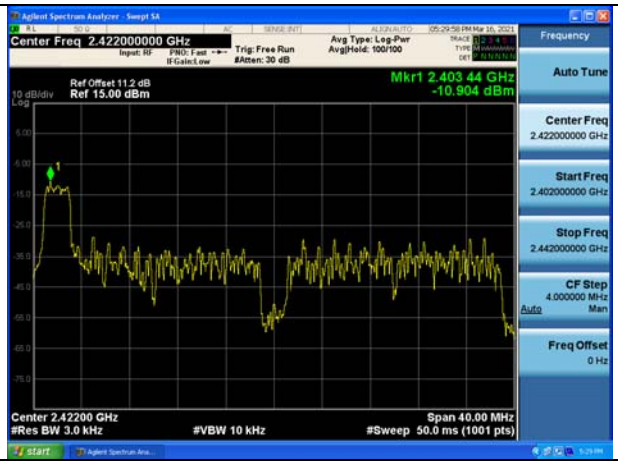
Test Mode:802. 11ax HE20 Ant8



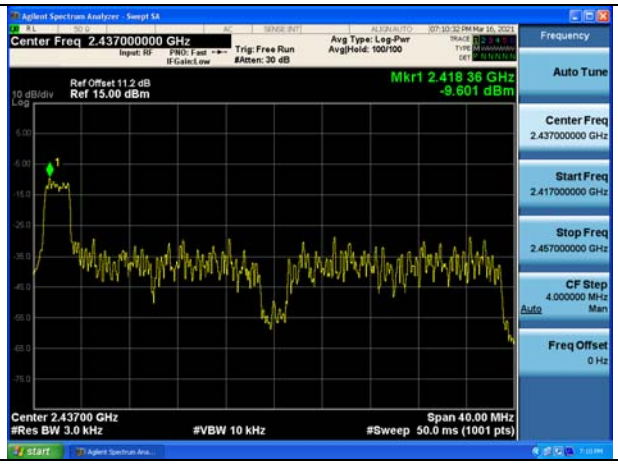
Test Mode:802.11ax HE40(484)

Carrier frequency (MHz)	Channel No.	Tones	Ant	Power Density (dBm)
2422MHz	3	26T	Ant7	-10.904
			Ant8	-11.761
			MIMO	-8.30
2437MHz	6		Ant7	-9.601
			Ant8	-9.906
			MIMO	-6.74
2452MHz	9		Ant7	-11.534
			Ant8	-9.499
			MIMO	-7.39

Test Mode:802. 11ax HE40 Ant7

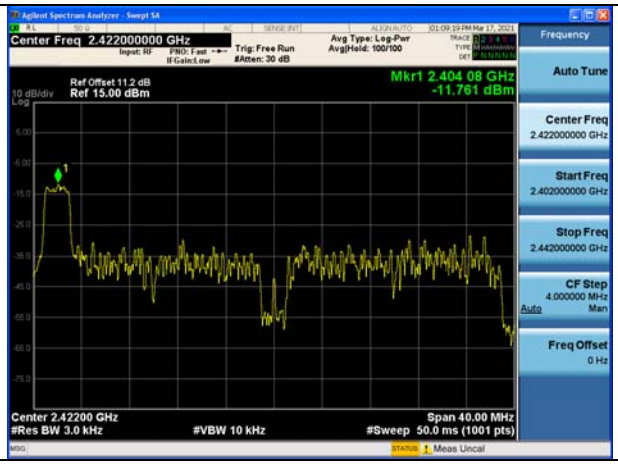


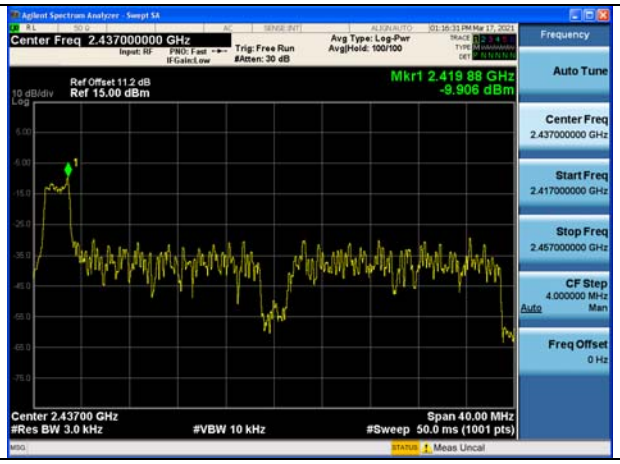
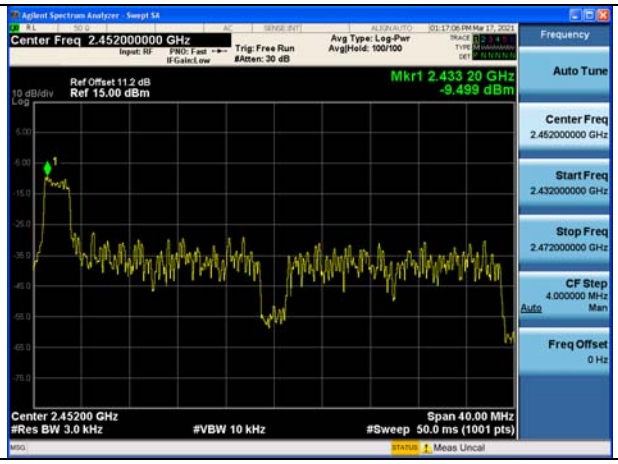
Test Mode:802. 11ax HE40 Ant7



Test Mode:802. 11ax HE40 Ant7

Test Mode:802. 11ax HE40 Ant8



Test Mode:802. 11ax HE40 Ant8	Test Mode:802. 11ax HE40 Ant8
	

Test Mode:802.11ax HE40(484)

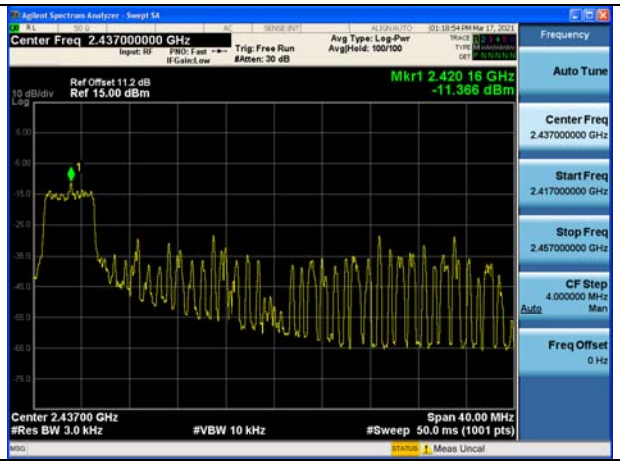
Carrier frequency (MHz)	Channel No.	Tones	Ant	Power Density (dBm)
2422MHz	3	52T	Ant7	-13.612
			Ant8	-13.758
			MIMO	-10.67
2437MHz	6		Ant7	-11.902
			Ant8	-11.366
			MIMO	-8.62
2452MHz	9		Ant7	-13.261
			Ant8	-11.558
			MIMO	-9.32

Test Mode:802. 11ax HE40 Ant7	Test Mode:802. 11ax HE40 Ant7

Test Mode:802. 11ax HE40 Ant7

Test Mode:802. 11ax HE40 Ant8

Test Mode:802. 11ax HE40 Ant8

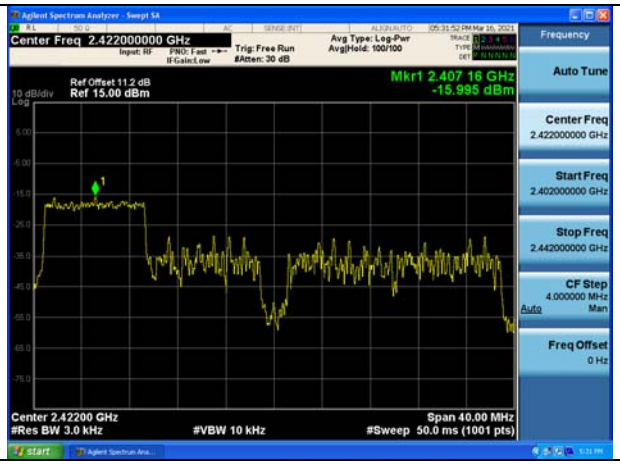


Test Mode:802. 11ax HE40 Ant8

Test Mode:802.11ax HE40(484)

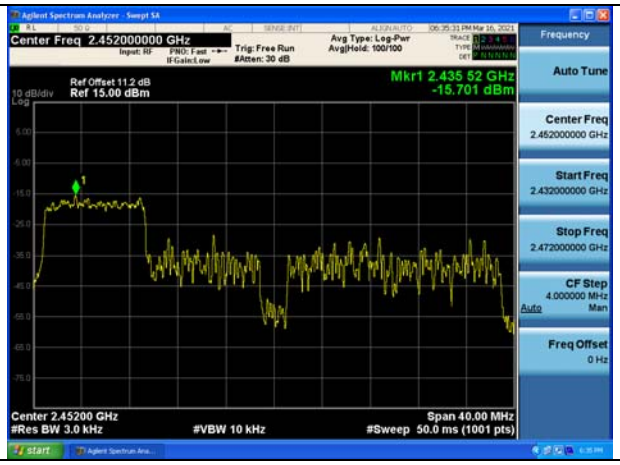
Carrier frequency (MHz)	Channel No.	Tones	Ant	Power Density (dBm)
2422MHz	3	106T	Ant7	-15.995
			Ant8	-16.854
			MIMO	-13.39
2437MHz	6		Ant7	-15.662
			Ant8	-15.476
			MIMO	-12.56
2452MHz	9		Ant7	-15.701
			Ant8	-14.457
			MIMO	-12.02

Test Mode:802. 11ax HE40 Ant7

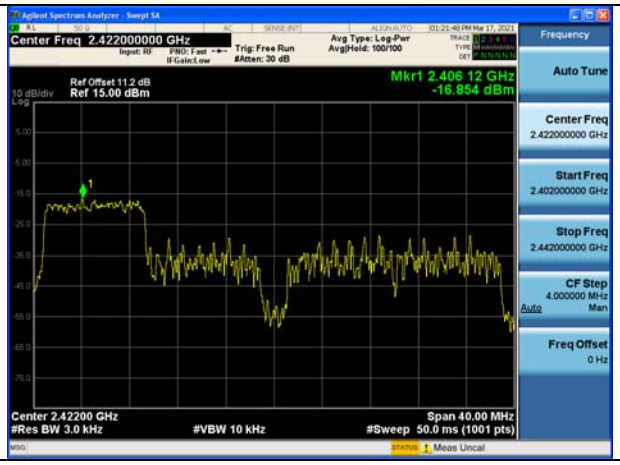


Test Mode:802. 11ax HE40 Ant7

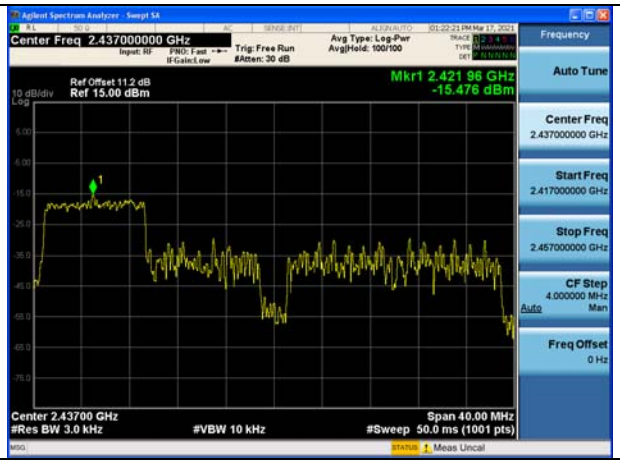
Test Mode:802. 11ax HE40 Ant7



Test Mode:802. 11ax HE40 Ant8



Test Mode:802. 11ax HE40 Ant8



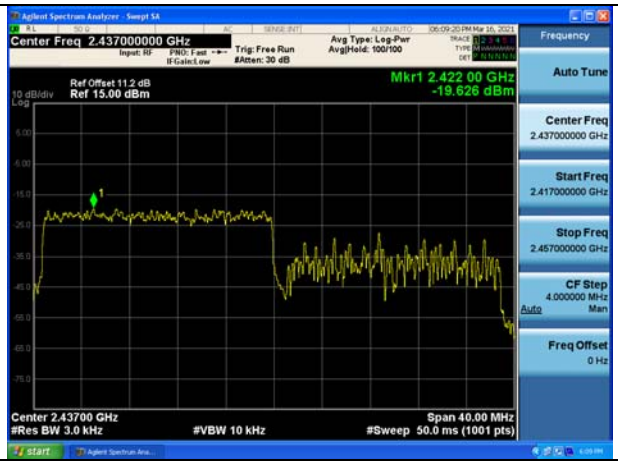
Test Mode:802. 11ax HE40 Ant8

Test Mode:802.11ax HE40(484)

Carrier frequency (MHz)	Channel No.	Tones	Ant	Power Density (dBm)
2422MHz	3	242T	Ant7	-18.643
			Ant8	-19.946
			MIMO	-16.24
2437MHz	6		Ant7	-19.626
			Ant8	-19.984
			MIMO	-16.79
2452MHz	9		Ant7	-19.376
			Ant8	-19.226
			MIMO	-16.29

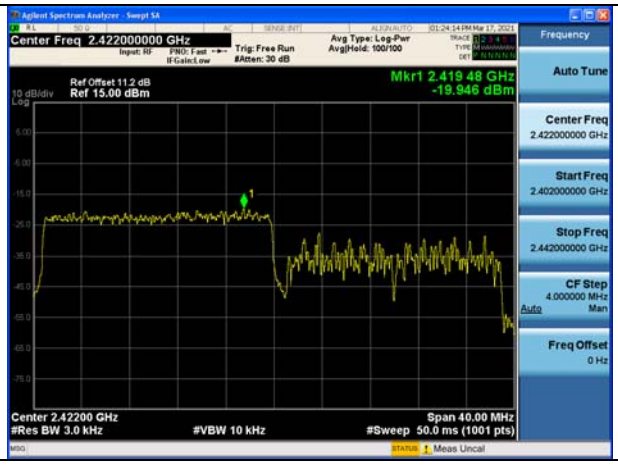
Test Mode:802. 11ax HE40 Ant7

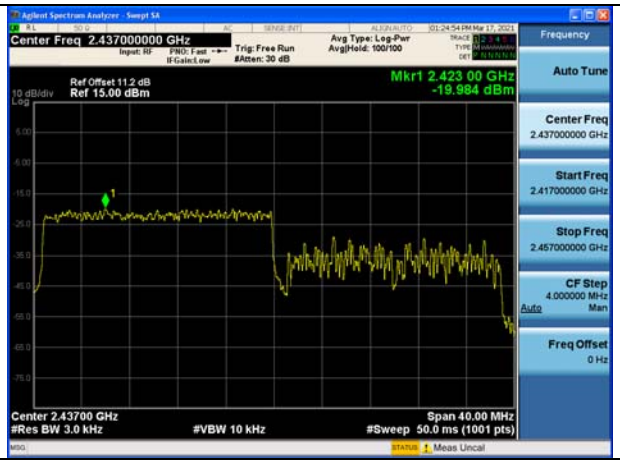
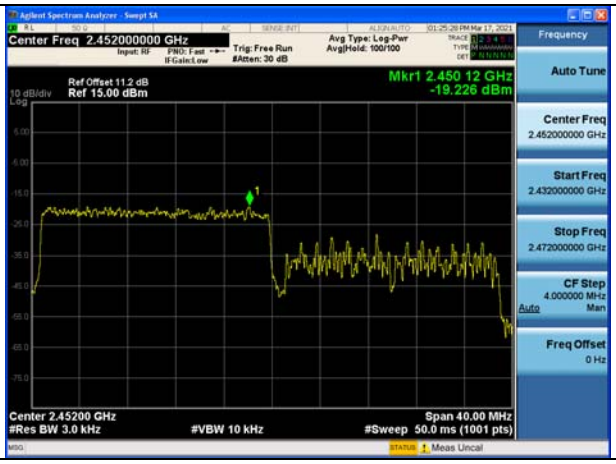
Test Mode:802. 11ax HE40 Ant7



Test Mode:802. 11ax HE40 Ant7

Test Mode:802. 11ax HE40 Ant8

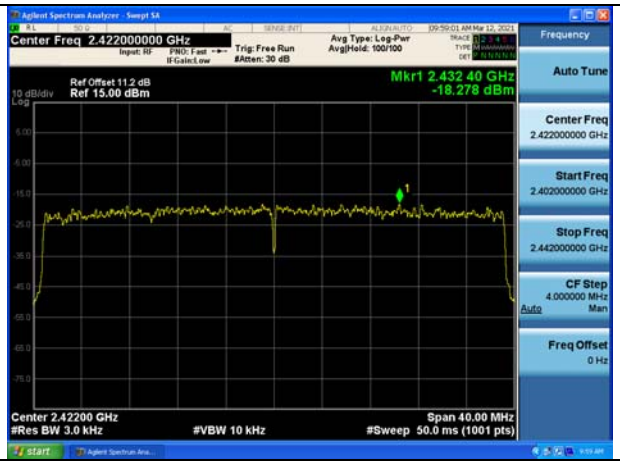


Test Mode:802. 11ax HE40 Ant8	Test Mode:802. 11ax HE40 Ant8
	

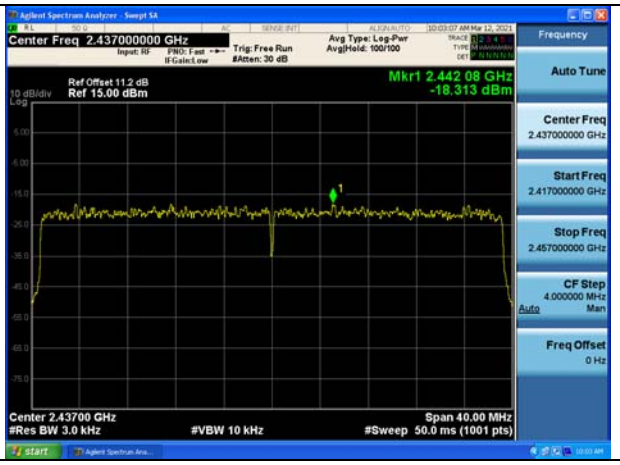
Test Mode:802.11ax HE40(484)

Carrier frequency (MHz)	Channel No.	Tones	Ant	Power Density (dBm)
2422MHz	3	484T	Ant7	-18.278
			Ant8	-17.532
			MIMO	-14.88
2437MHz	6		Ant7	-18.313
			Ant8	-17.393
			MIMO	-14.82
2452MHz	9		Ant7	-18.239
			Ant8	-18.274
			MIMO	-15.25

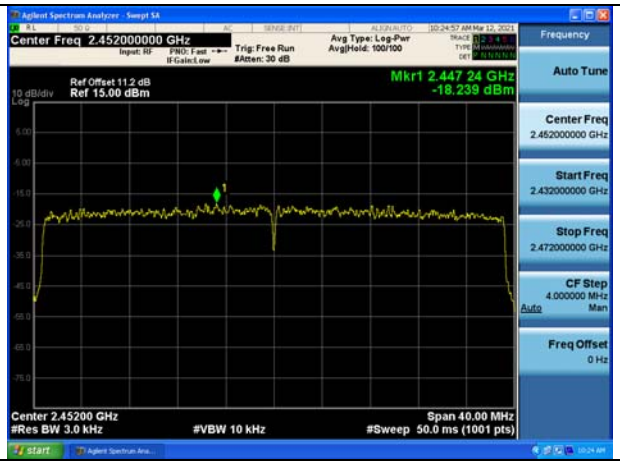
Test Mode:802. 11ax HE40 Ant7



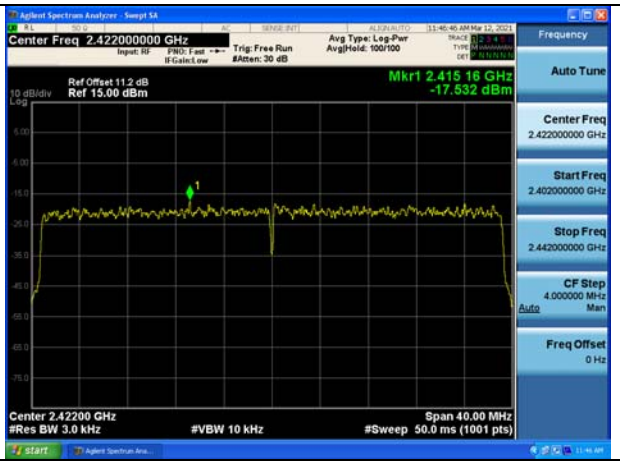
Test Mode:802. 11ax HE40 Ant7



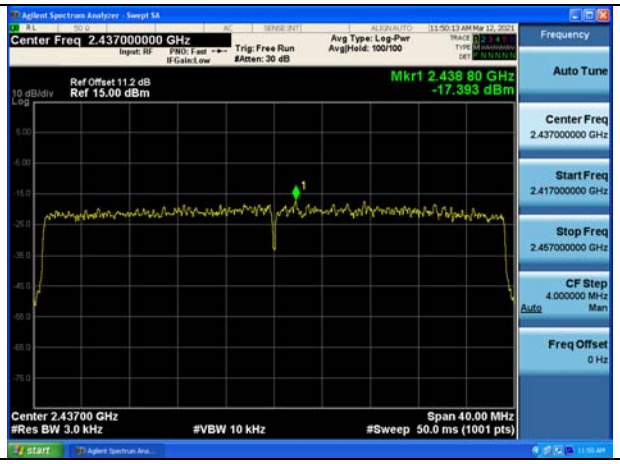
Test Mode:802. 11ax HE40 Ant7



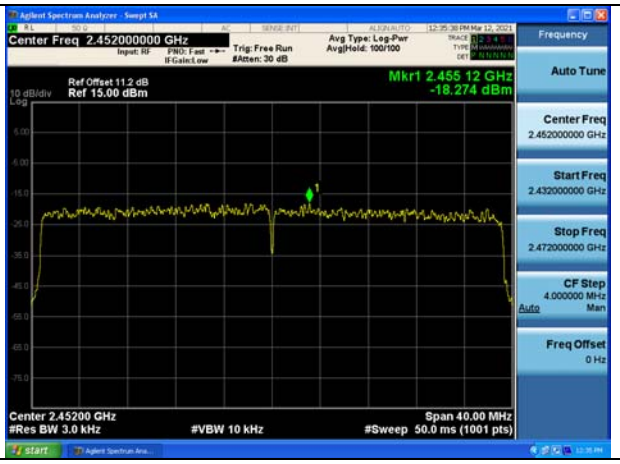
Test Mode:802. 11ax HE40 Ant8



Test Mode:802. 11ax HE40 Ant8



Test Mode:802. 11ax HE40 Ant8

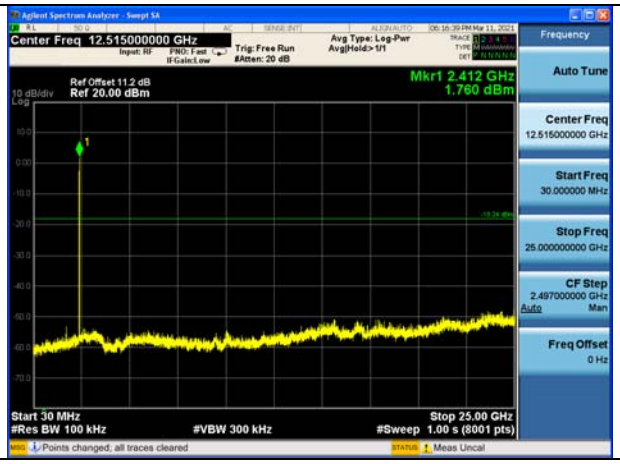


Conducted Out of band emission measurement

Offset 11.2dB =Attenuator 10dB+ Temporary antenna connector loss 0.2dB+ Cable loss 1.0dB

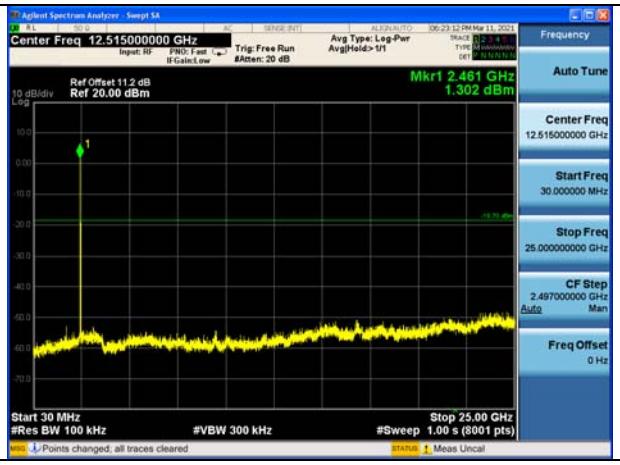
Test Mode:802.11b

Test Mode:802.11b Ant7 CH1



Test Mode:802.11b Ant7 CH6

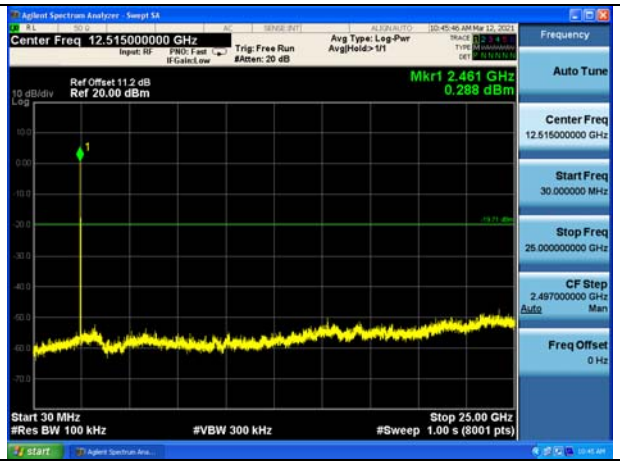
Test Mode:802.11b Ant7 CH11



Test Mode:802.11b Ant8 CH1

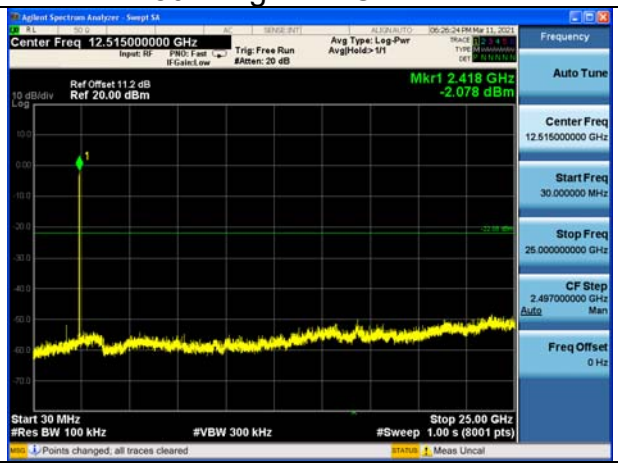
Test Mode:802.11b Ant8 CH6

Test Mode:802.11b Ant8 CH11

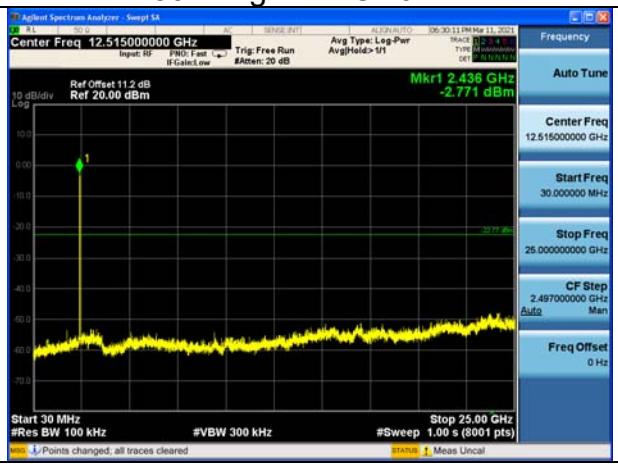


Test Mode:802.11g

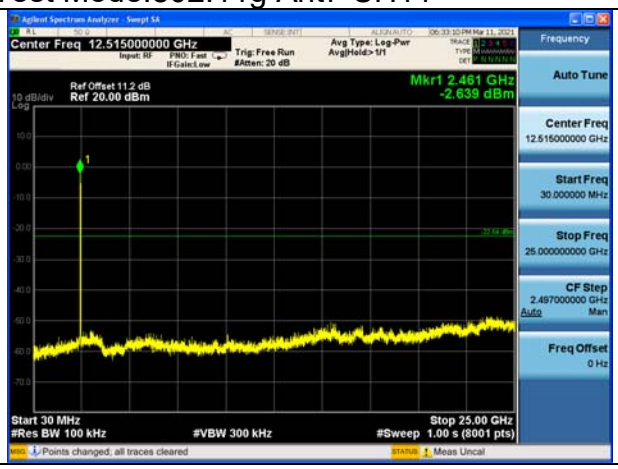
Test Mode:802.11g Ant7 CH1



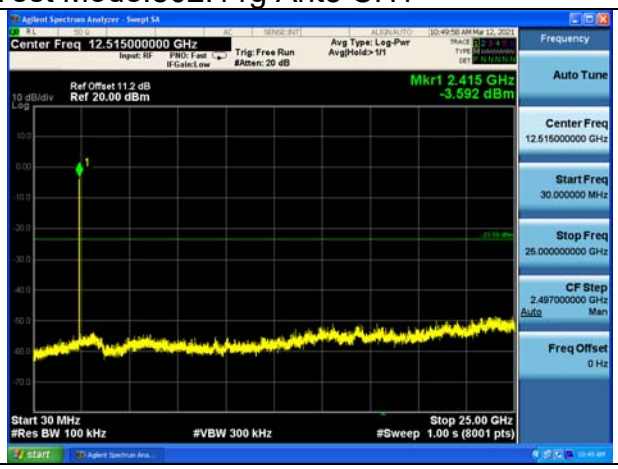
Test Mode:802.11g Ant7 CH6



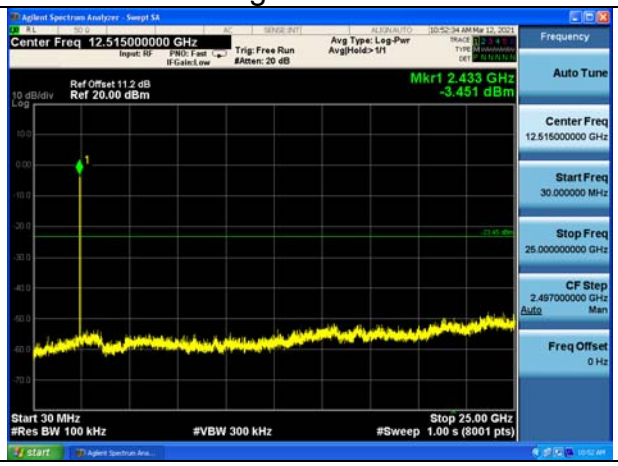
Test Mode:802.11g Ant7 CH11



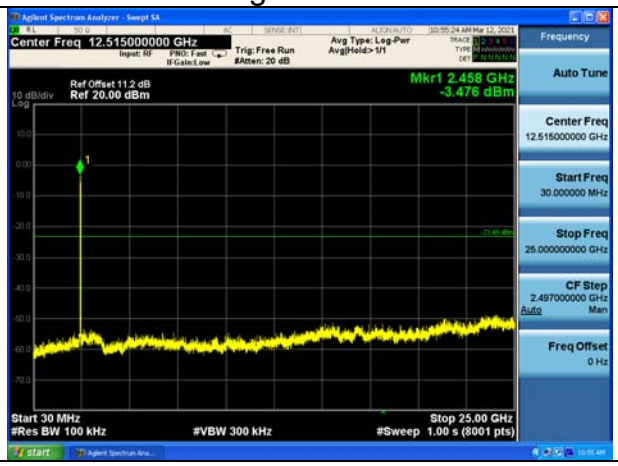
Test Mode:802.11g Ant8 CH1



Test Mode:802.11g Ant8 CH6

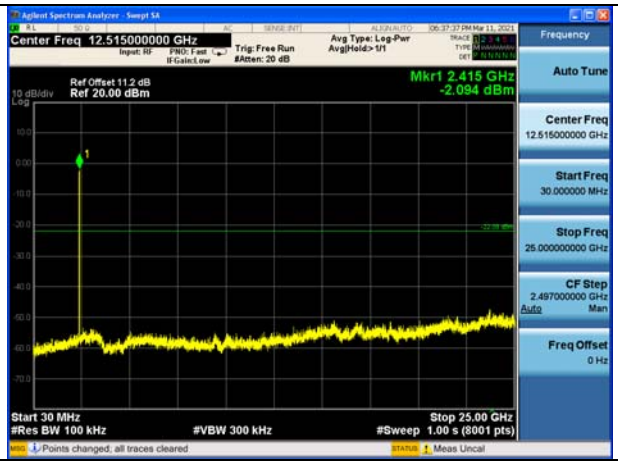


Test Mode:802.11g Ant8 CH11

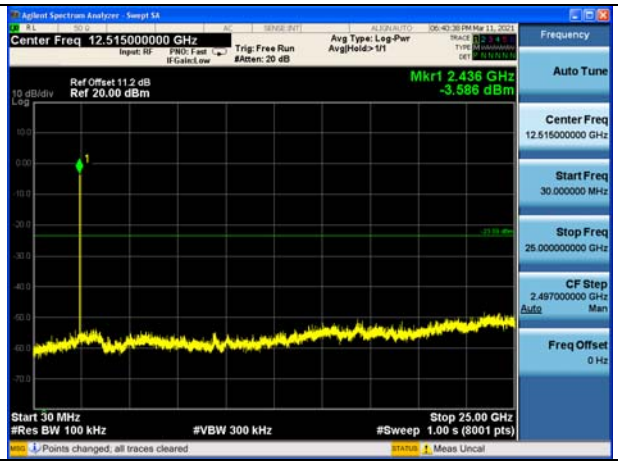


Test Mode:802. 11n HT20

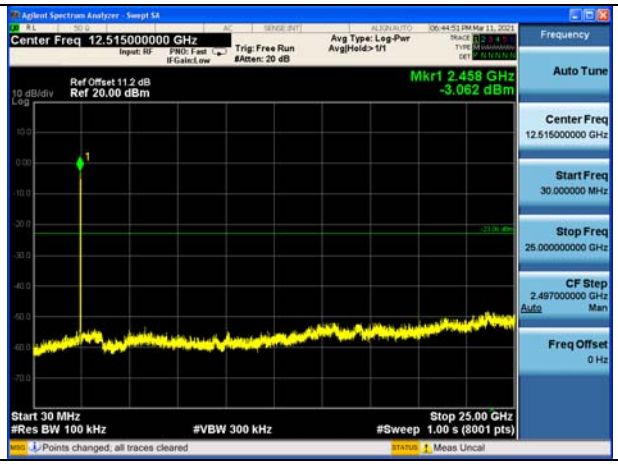
Test Mode:802. 11n HT20 Ant7 CH1



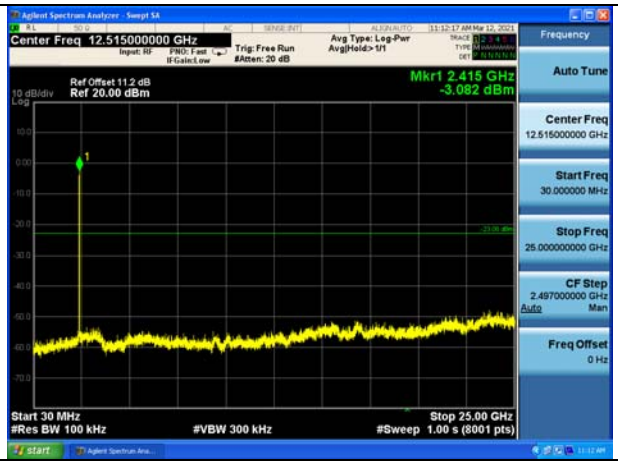
Test Mode:802. 11n HT20 Ant7 CH6



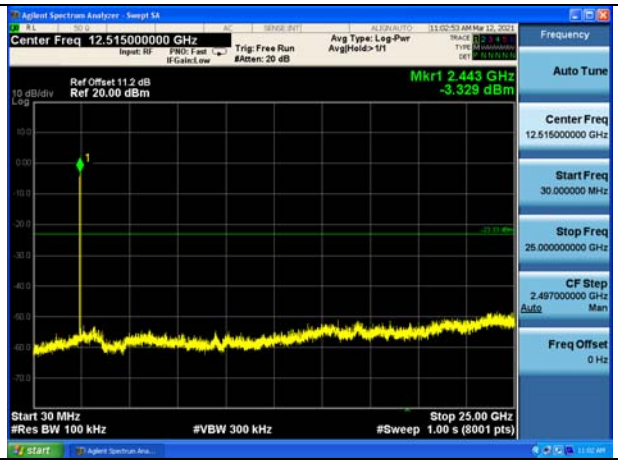
Test Mode:802. 11n HT20 Ant7 CH11



Test Mode:802. 11n HT20 Ant8 CH1



Test Mode:802. 11n HT20 Ant8 CH6



Test Mode:802. 11n HT20 Ant8 CH11

Test Mode:802. 11n HT40

Test Mode:802. 11n HT40 Ant7 CH3

Test Mode:802. 11n HT40 Ant7 CH6

Test Mode:802. 11n HT40 Ant7 CH9

Test Mode:802. 11n HT40 Ant8 CH3

Test Mode:802. 11n HT40 Ant8 CH6

Test Mode:802. 11n HT40 Ant8 CH9

Test Mode:802.11ax HE20(242)

Test Mode:802. 11ax HE20 Ant7 CH1

Test Mode:802. 11ax HE20 Ant7 CH6

Test Mode:802. 11ax HE20 Ant7 CH11

Test Mode:802. 11ax HE20 Ant8 CH1

Test Mode:802. 11ax HE20 Ant8 CH6

Test Mode:802. 11ax HE20 Ant8 CH11

Test Mode:802.11ax HE40(484)

Test Mode:802. 11ax HE40 Ant7 CH3

Test Mode:802. 11ax HE40 Ant7 CH6

Test Mode:802. 11ax HE40 Ant7 CH9

Test Mode:802. 11ax HE40 Ant8 CH3

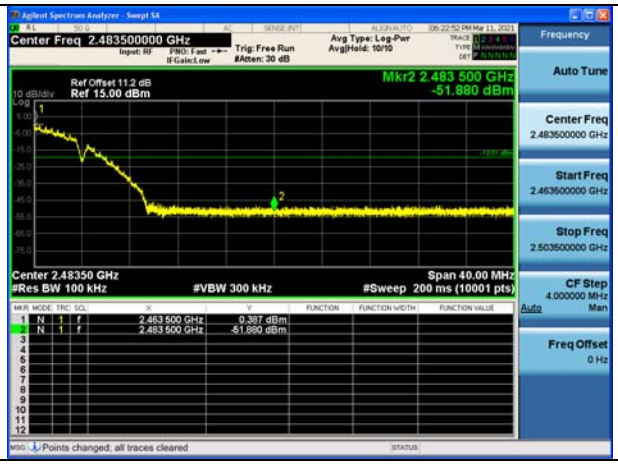
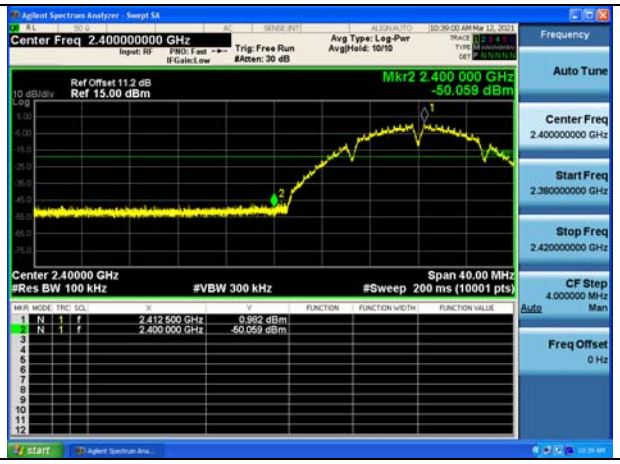
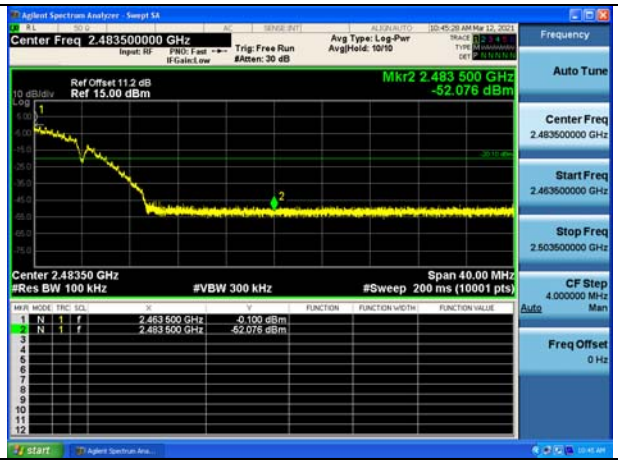
Test Mode:802. 11ax HE40 Ant8 CH6

Test Mode:802. 11ax HE40 Ant8 CH9

Band edge measurement (RF Conducted measurement)

Offset 11.2dB = Attenuator 10dB+ Temporary antenna connector loss 0.2dB+ Cable loss 1.0dB

Test Mode:802.11b

Test Mode:802.11b Ant7 CH1	Test Mode:802.11b Ant7 CH11
	
Test Mode:802.11b Ant8 CH1	Test Mode:802.11b Ant8 CH11