FCC TEST REPORT

For

Mobile Phone

Model Number: RMX3370

FCC ID: 2AUYFRMX3370

Report Number : WT218002353

Test Laboratory	:	Shenzhen Academy of Metrology and Quality Inspection
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TEST REPORT DECLARATION

Applicant	:	Realme Chongqing Mobile Telecommunications Corp., Ltd.
Address	:	No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China
Manufacturer	:	Realme Chongqing Mobile Telecommunications Corp., Ltd.
Address	:	No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China
EUT Description	:	Mobile Phone
Model No.	:	RMX3370
Trade mark	:	realme
Serial Number	:	/
FCC ID	:	2AUYFRMX3370

Test Standards:

FCC Part 15 Subpart C 15.247 (2020)

The EUT described above is tested by Shenzhen Academy of Metrology and Quality Inspection EMC Laboratory to determine the maximum emissions from the EUT. Shenzhen Academy of Metrology and Quality Inspection EMC Laboratory is assumed full responsibility for the accuracy of the test results. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10 (2013) and the energy emitted by the sample EUT tested as described in this report is in compliance with FCC Rules Part 15.207, 15.209, 15.247.

The test report is valid for above tested sample only and shall not be reproduced in part without written approval of the laboratory.

Project Engineer:	周芳媛	Date:	Oct.11, 2021
	(Zhou Fangai 周芳媛)		
Checked by:	施昌达	Date:	Oct.11, 2021
	(Shi Changda 施昌达)		
Approved by:	林奕翔	Date:	Oct.11, 2021
	(Lin Yixiang 林奕翔)		

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1. TEST RESULTS SUMMARY

Table 1 Test Results Summary

Test Items	FCC Rules	Test Results
6dB DTS bandwidth measurement	15.247 (a) (2)	Pass
Maximum Peak Conducted Power	15.247 (b) (3)	Pass
Maximum Power Spectral Density Level	15.247 (e)	Pass
Conducted Bandedge and Spurious	15.247 (d)	Pass
Radiated Bandedge and Spurious	15.247 (d) 15.209 15.205	Pass
Conducted emission test for AC power port	15.207	Pass
Antenna Requirement	15.203	Pass

Remark: “N/A” means “Not applicable.”

2. GENERAL INFORMATION

2.1. Report information

This report is not a certificate of quality; it only applies to the sample of the specific product/equipment given at the time of its testing. The results are not used to indicate or imply that they are application to the similar items. In addition, such results must not be used to indicate or imply that SMQ approves recommends or endorses the manufacture, supplier or use of such product/equipment, or that SMQ in any way guarantees the later performance of the product/equipment.

The sample/s mentioned in this report is/are supplied by Applicant, SMQ therefore assumes no responsibility for the accuracy of information on the brand name, model number, origin of manufacture or any information supplied.

Additional copies of the report are available to the Applicant at an additional fee. No third part can obtain a copy of this report through SMQ, unless the applicant has authorized SMQ in writing to do so.

The lab will not be liable for any loss or damage resulting for false, inaccurate, inappropriate or incomplete product information provided by the applicant/manufacturer.

2.2. Laboratory Accreditation and Relationship to Customer

The testing report were performed by the Shenzhen Academy of Metrology and quality Inspection EMC Laboratory (Guangdong EMC compliance testing center), in their facilities located at NETC Building, No.4 Tongfa Rd., Xili, Nanshan, Shenzhen, China. At the time of testing, Laboratory is accredited by the following organizations:

China National Accreditation Service for Conformity Assessment (CNAS) accredits the Laboratory for conformance to FCC standards, EMC international standards and EN standards. The Registration Number is CNAS L0579.

The Laboratory is Accredited Testing Laboratory of FCC with Designation number CN1165 and Site registration number 582918.

The Laboratory is registered to perform emission tests with Innovation, Science and Economic Development (ISED), and the registration number is 11177A.

The Laboratory is registered to perform emission tests with VCCI, and the registration number are C-20048, G20076, R-20077, R-20078 and T-20047.

The Laboratory is Accredited Testing Laboratory of American Association for

Laboratory Accreditation (A2LA) and certificate number is 3292.01.

2.3. Measurement Uncertainty

Conducted Emission
9 kHz~150 kHz U=3.7dB k=2
150 kHz~30MHz U=3.3dB k=2

Radiated Emission
30MHz~1000MHz U=4.3dB k=2
1GHz~6GHz U=4.6 dB k=2
6GHz~40GHz U=5.1dB k=2

3. PRODUCT DESCRIPTION

NOTE: The extreme test conditions for temperature and antenna gain were declared by the manufacturer.

3.1. EUT Description

Description	:	Mobile Phone
Manufacturer	:	Realme Chongqing Mobile Telecommunications Corp., Ltd.
Model Number	:	RMX3370
Operate Frequency	:	2.412GHz~2.462GHz
Antenna Designation	:	PIFA Antenna:Chain0:-3.5dBi, Chain1:-5dBi
Operating voltage	:	DC6.8V (Low)/DC7.74V (Nominal)/DC8.9V (Max)
Software Version	:	realme UI V2.0
Hardware Version	:	11

Remark: There are three adapters, only the worst data of VCA7JDUH (1#) shown in this report.

WLAN:

Table 2 Working Frequencies Lists (802.11b, 802.11g, 802.11n HT20, 802.11ac VHT20, and 802.11ax HEW20)

Channel	Frequency	Channel	Frequency
1	2412MHz	8	2447MHz
2	2417MHz	9	2452MHz
3	2422MHz	10	2457MHz
4	2427MHz	11	2462MHz
5	2432MHz	---	---
6	2437MHz	---	---
7	2442MHz	---	---

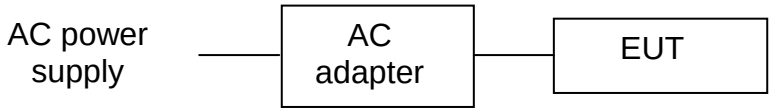
Table 3 Working Frequencies Lists (802.11n HT40, 802.11ac VHT40, and 802.11ax HEW40)

Channel	Frequency	Channel	Frequency
3	2422MHz	8	2447MHz
4	2427MHz	9	2452MHz
5	2432MHz	---	---
6	2437MHz	---	---
7	2442MHz	---	---

3.2. Related Submittal(s) / Grant (s)

This submittal(s) (test report) is intended for FCC ID: **2AUYFRMX3370** filing to comply with Section 15.207,15.209，15.247 of the FCC Part 15, Subpart C Rules.

3.3. Block Diagram of EUT Configuration



Setup of test

3.4. Operating Condition of EUT

The Radiated spurious emission measurements were carried out in semi-anechoic chamber with 3-meter test range, and EUT is rotated on three test planes to find out the worst emission (X plane).
Worst-case mode and channel used for 30-1000 MHz radiated and power line conducted emissions was the mode and channel with the highest output power.
Worst-case data rates as provided by the client were:
802.11b mode: 1 Mbps
802.11g mode: 6 Mbps
802.11n HT20 mode: MCS0
802.11n HT40 mode: MCS0
802.11ac VHT20 mode: MCS0
802.11ac VHT40 mode: MCS0
802.11ax HEW20 mode: MCS0
802.11ax HEW40 mode: MCS0
802.11b and 802.11g operates in SISO mode. For SISO conducted measurements, the modes tested in this report will be considered as a worst case mode.
802.11n, 802.11ac and 802.11ax operate in SISO/MIMO mode. For SISO/MIMO conducted measurements, the modes tested in this report will be considered as a worst case mode.

The EUT supports a MIMO function.

Modulation Mode:	Single(TX)	Two(TX)
802.11b/g	support	No support
802.11n HT20	support	support
802.11n HT40	support	support
802.11ac VHT20	support	support
802.11ac VHT40	support	support
802.11ax HEW20	support	support
802.11ax HEW40	support	support

For RSE and bandedge test, both of Single (TX) and Two (TX) mode are evaluated, only the worst case is recorded in this report.

3.5. Directional Antenna Gain

Directional gain need NOT to be considered.

3.6. Support Equipment List

Table 4 Support Equipment List

Name	Model No.	S/N	Manufacturer
Adapter 1# for EUT	VCA7JDUH	---	HUIZHOU GOLDEN LAKE INDUSTRIAL CO., LTD
Adapter 2# for EUT	VCA7HAUH	---	SHENZHEN HUNTKEY ELECTRIC CO., LTD.
Adapter 3# for EUT	VCA7JAUH	---	HUIZHOU GOLDEN LAKE INDUSTRIAL CO., LTD
Rechargeable Li-Ion Polymer Battery for EUT	BLP887	---	Dongguan Nvt Technology Co., Ltd.
USB Cable for EUT	DL129	---	---

3.7. Test Conditions

Date of test：Sep.07, 2021- Oct.11, 2021
Date of EUT Receive：Aug.12, 2021
Temperature: 20℃-25℃
Relative Humidity: 40%-55%

3.8. Special Accessories

Not available for this EUT intended for grant.

3.9. Equipment Modifications

Not available for this EUT intended for grant.

4. TEST EQUIPMENT USED

Table 5 Test Equipment

No.	Equipment	Manufacturer	Model No.	Last Cal.	Cal. Interval
SB9058/05	Test Receiver	R&S	ESCI 3	Sep.25,2020	1 Year
SB9058/05	Test Receiver	R&S	ESCI 3	Sep.24,2021	1 year
SB4357	AMN	R&S	ENN216	Aug.25,2021	1 Year
SB9549	Shielded Room	Albatross	SR	Sep.25,2020	1 year
SB9549	Shielded Room	Albatross	SR	Sep.24,2021	1 year
SB15044/01	Test Receiver	R&S	ESW8	Oct.09,2020	1 Year
SB15044/01	Test Receiver	R&S	ESW8	Oct.08,2021	1 Year
SB12944	Broadband Antenna	R&S	VULB9163	Jan.08,2021	1 Year
SB18844	Semi Anechoic Chamber	Albatross	9×6×6(m)	Mar.23,2021	1 Year
SB13956	Test Receiver	R&S	ESR26	Feb.05,2021	1 Year
SB13961	Horn Antenna	R&S	HF907	Mar.23,2021	1 Year
SB13964	Broadband Antenna	R&S	VULB 9163	Jan.05,2021	1 Year
SB9962	Fully Anechoic Chamber	SAEMC	7.7*4.0*3.4(m)	Jan.04, 2021	1 Year
SB8501/09	Test Receiver	R&S	ESU40	Feb.05,2021	1 Year
SB9058/03	Pre-Amplifier	R&S	SCU 18	Feb.05,2021	1 Year
SB8501/10	Horn Antenna	R&S	3160-09	Mar.10,2020	3 Years
SB8501/11	Horn Antenna	R&S	3160-09	Mar.09,2020	3 Years
SB8501/12	Horn Antenna	R&S	3160-10	Mar.17,2020	3 Years
SB8501/13	Horn Antenna	R&S	3160-10	Mar.10,2020	3 Years
SB8501/14	Pre-Amplifier	R&S	SCU-03	Feb.05,2021	1 Year
SB8501/15	Pre-Amplifier	R&S	SCU-03	Feb.05,2021	1 Year
SB8501/16	Pre-Amplifier	R&S	SCU 26	Feb.05,2021	1 Year
SB8501/17	Pre-Amplifier	R&S	SCU-18	Feb.05,2021	1 Year
SB9555/02	Fully Anechoic Chamber	Albatross	10.0×5.2×5.4(m)	Aug.25,2021	1 Year
SB7941/02	Spectrum Analyzer	R&S	FSU26	May.17, 2021	1 Year

Table 6 Test software

Name	Manufacturer	Version
Bluetooth and WiFi Test System	Shenzhen JS tonscend co.,ltd	2.6.88.0330

5. DUTY CYCLE

5.1. LIMITS OF DUTY CYCLE

None; for reporting purposes only

5.2. TEST PROCEDURE

1. Set span = Zero
2. RBW = 10MHz
3. VBW = 10MHz,
4. Detector = Peak

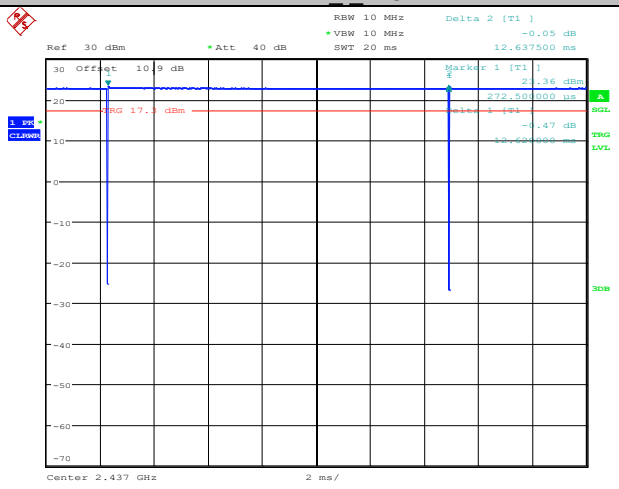
5.3. TEST SETUP

5.4. TEST DATA

Table 7 Duty Cycle Test Data

Test Mode	On Time (ms)	Duty Cycle (%)	Duty Factor	1/T Minimum VBW (kHz)
802.11b	12.62	99.84	0	0.01
802.11g	2.09	99.05	0	0.01
802.11n HT20	5.43	99.82	0	0.01
802.11n HT40	5.43	99.82	0	0.01
802.11ac VHT20	5.42	99.63	0	0.01
802.11ac VHT40	5.43	99.82	0	0.01
802.11ax HEW20	5.44	99.63	0	0.01
802.11ax HEW40	5.44	99.63	0	0.01

11B__2437



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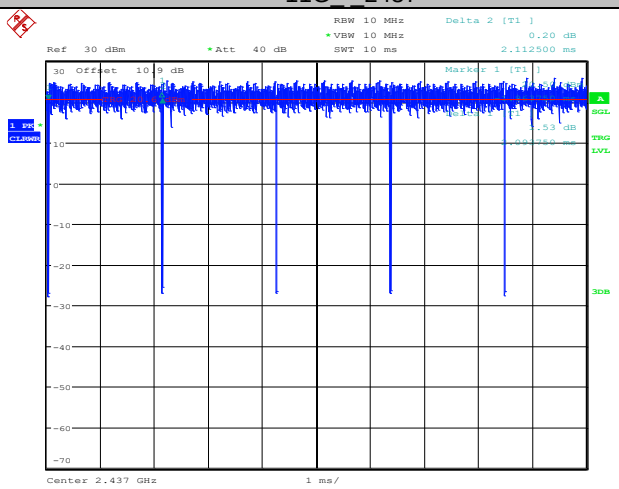

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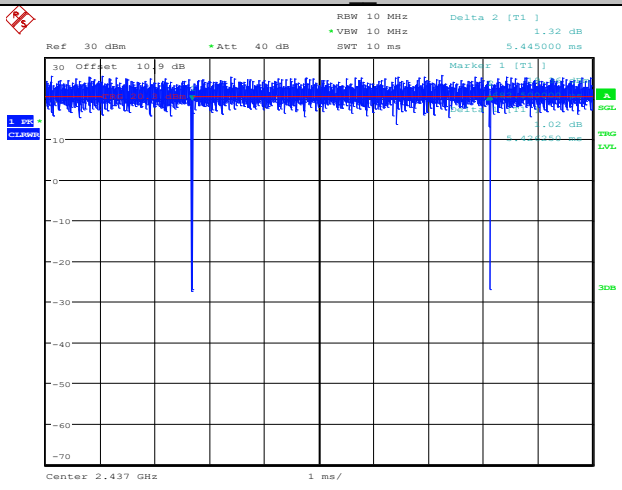

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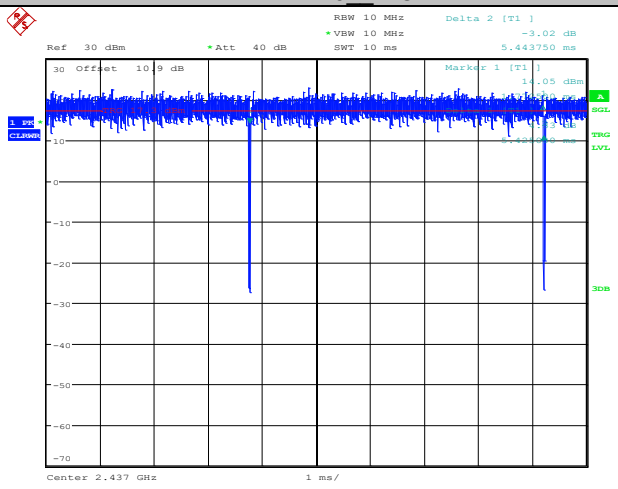

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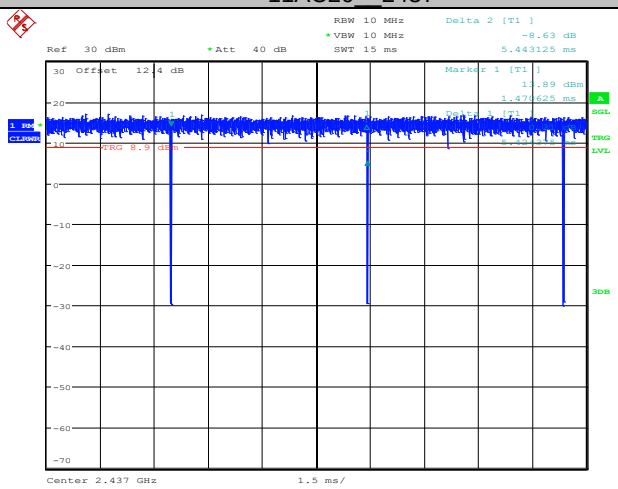

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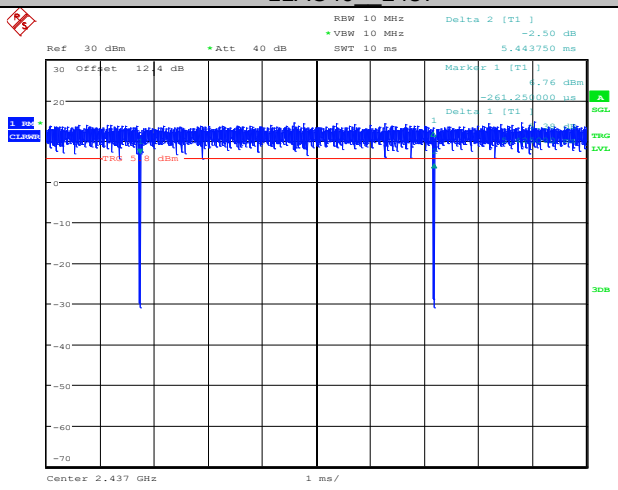

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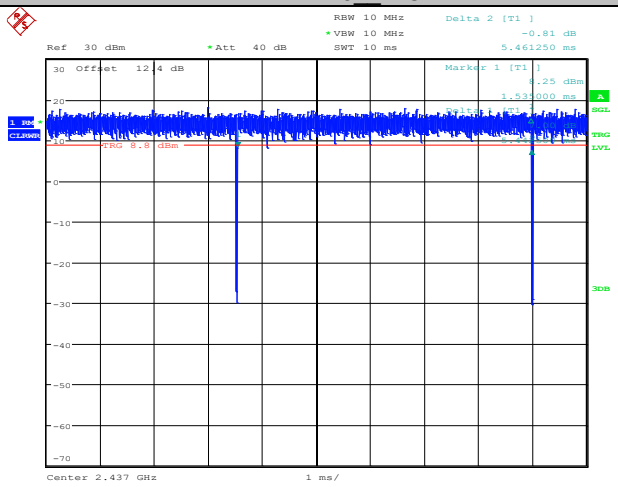 Date: 29.SEP.2021 18:12:33
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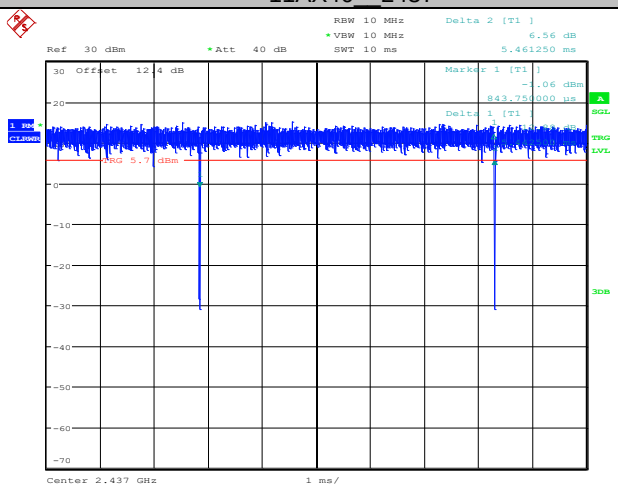
 Date: 29.SEP.2021 20:23:15

6. 6DB BANDWIDTH MEASUREMENT

6.1. LIMITS OF 6dB BANDWIDTH MEASUREMENT

CFR 47 (FCC) part 15.247 (a) (2)

6.2. TEST PROCEDURE

ANSI C63.10-2013 Clause 11.8
The transmitter output was connected to the spectrum analyzer.
a) Set RBW = 100 kHz.
b) Set the VBW ≥ [3 × RBW].
c)Detector = Peak.
d)Trace mode = max hold.
e)Sweep = auto couple.
f)Allow the trace to stabilize.
g)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

6.3. TEST SETUP

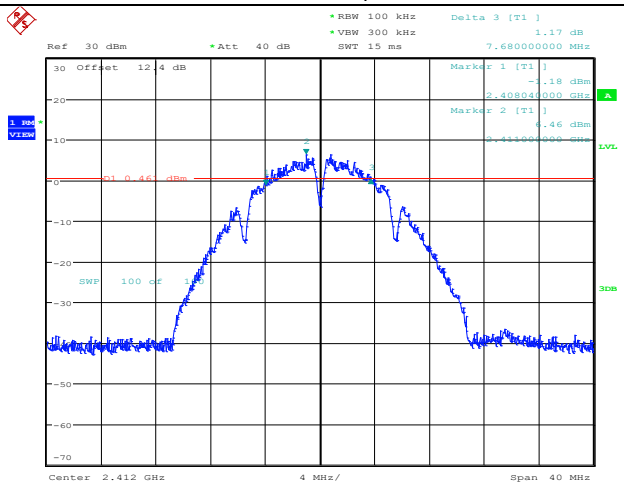
6.4. Test Data

6dB Bandwidth Test Data

802.11b Mode ANT0

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
1	2412	7.680	≥ 0.5	PASS
6	2437	8.000	≥ 0.5	PASS
11	2462	8.000	≥ 0.5	PASS

Channel 1, 802.11b



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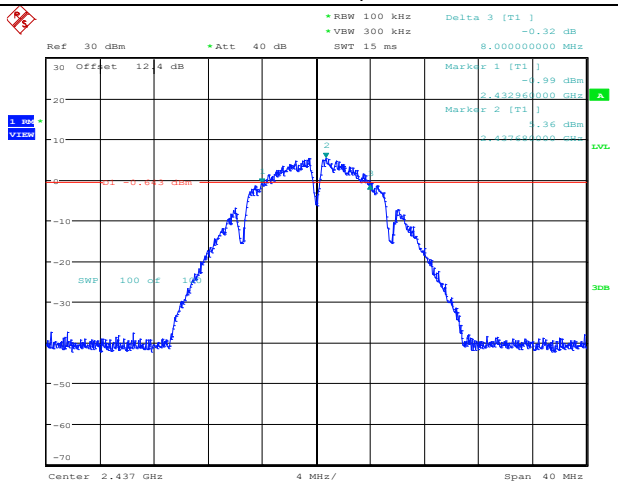
Channel 6, 802.11b



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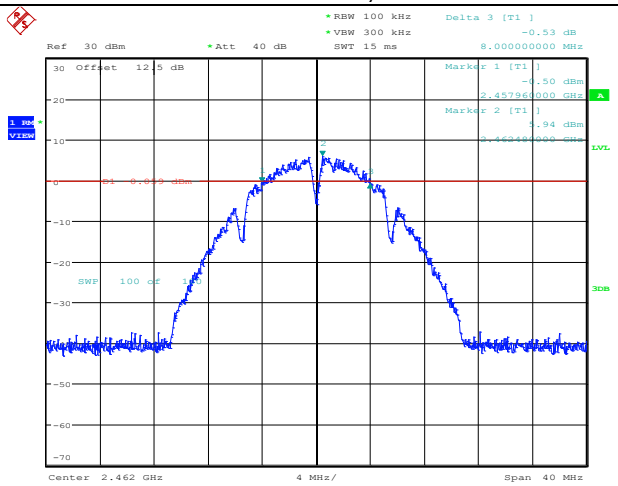
Channel 11, 802.11b



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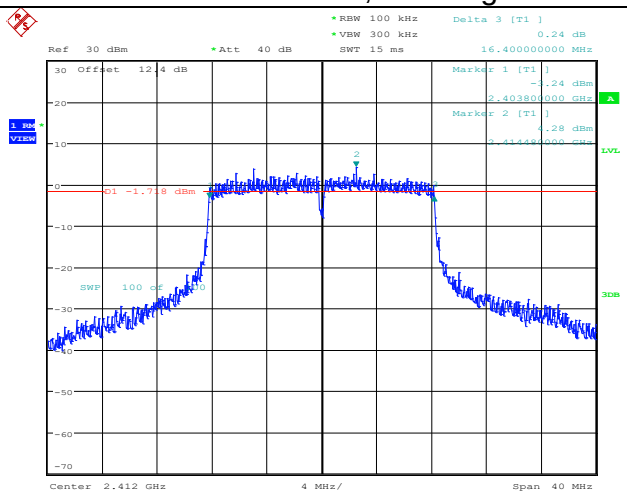
802.11g Mode ANT0

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
1	2412	16.400	≥ 0.5	PASS
6	2437	16.400	≥ 0.5	PASS
11	2462	16.400	≥ 0.5	PASS

Channel 1, 802.11g



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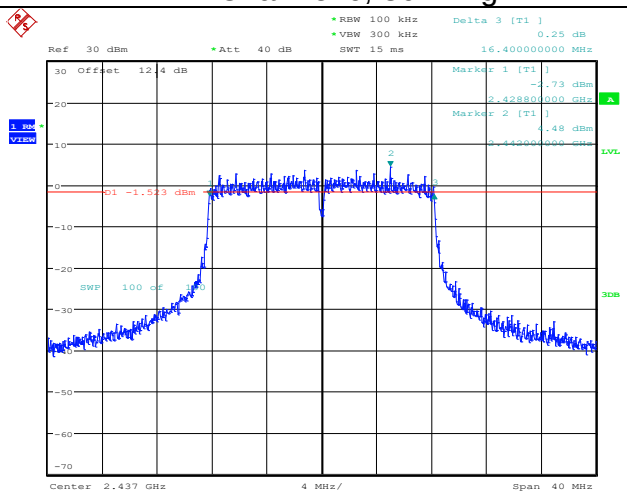
Channel 6, 802.11g



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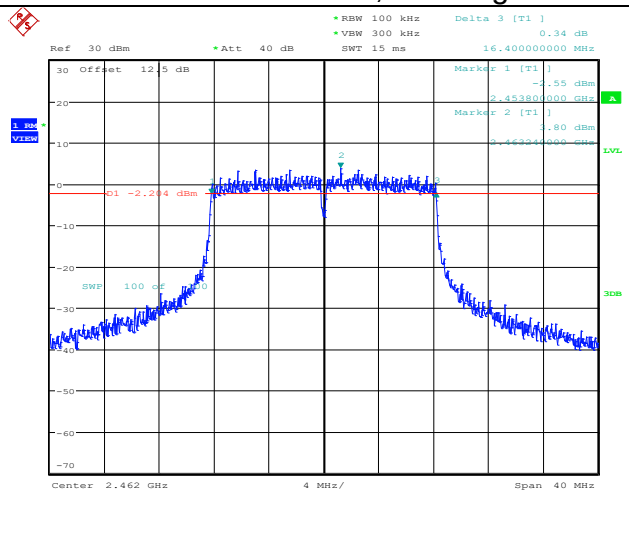
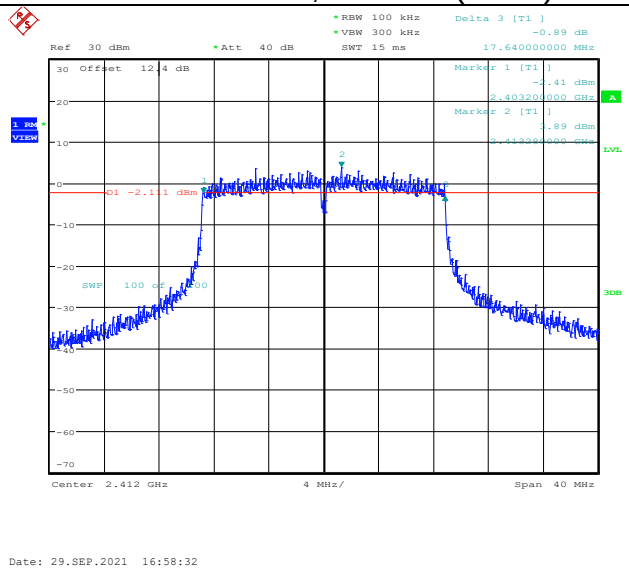
Channel 11, 802.11g


802.11n (HT20) Mode ANT0

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
1	2412	17.640	≥ 0.5	PASS
6	2437	17.680	≥ 0.5	PASS
11	2462	17.680	≥ 0.5	PASS

Channel 1, 802.11n (HT20)


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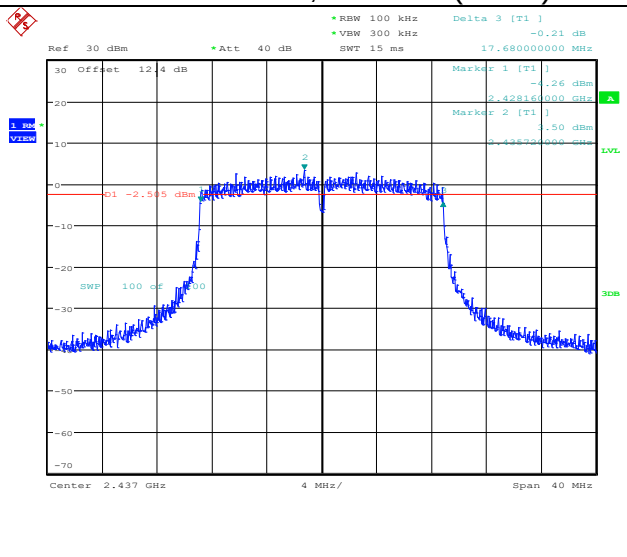

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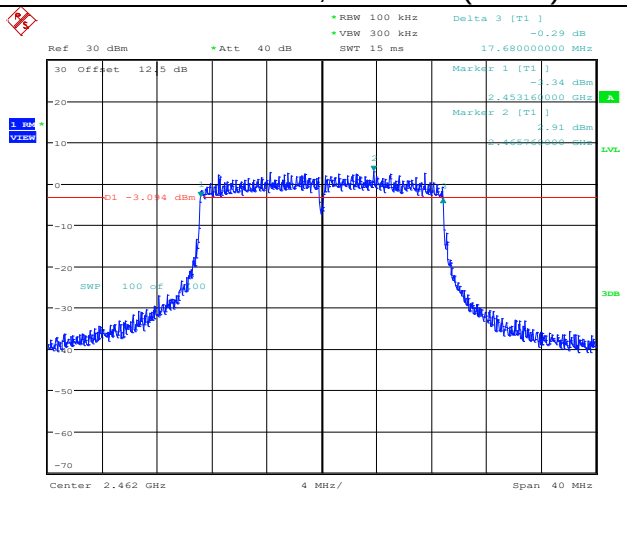
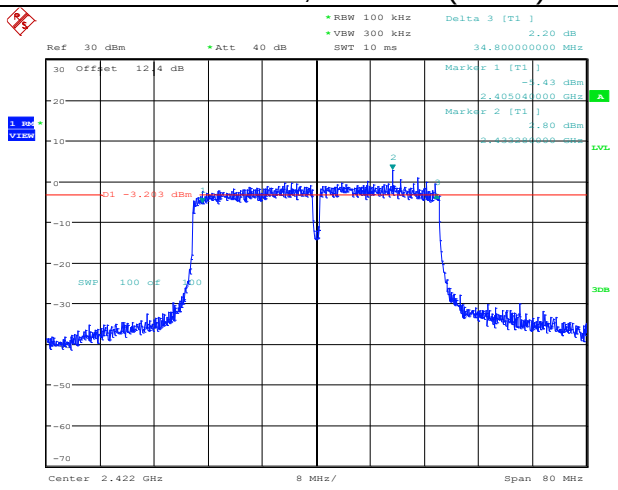


802.11n (HT40) Mode ANT0

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
3	2422	34.800	≥ 0.5	PASS
6	2437	36.080	≥ 0.5	PASS
9	2452	36.480	≥ 0.5	PASS

Channel 3, 802.11n (HT40)



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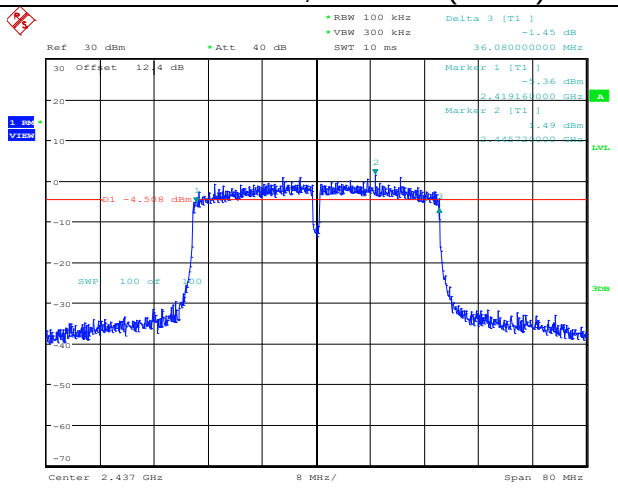
Channel 6, 802.11n (HT40)



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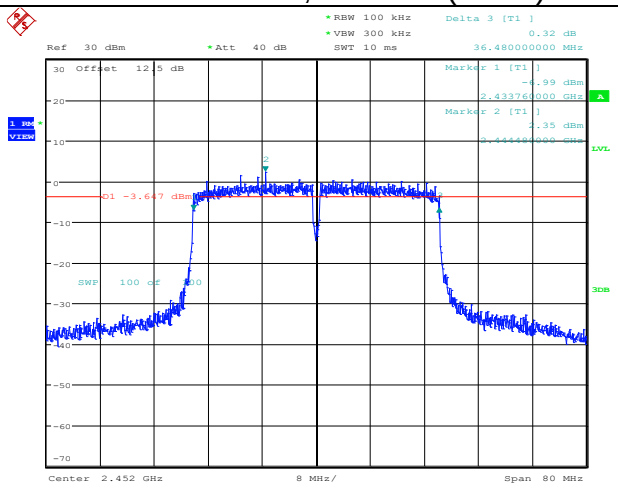
Channel 9, 802.11n (HT20)



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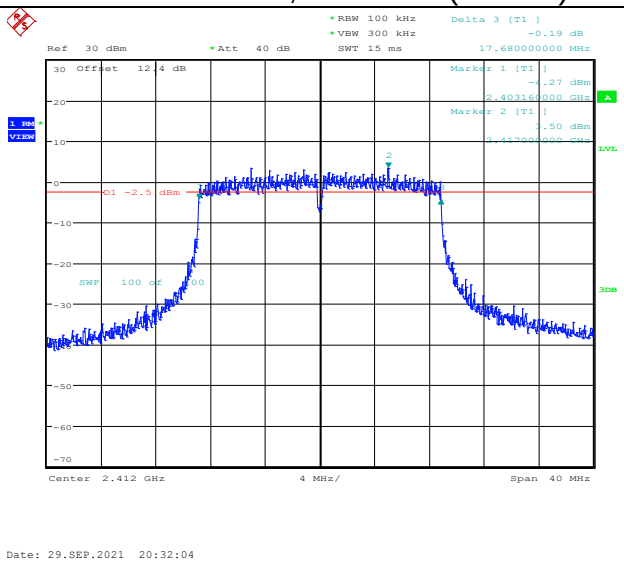
802.11ac (VHT20) Mode ANT0

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
1	2412	17.680	≥ 0.5	PASS
6	2437	17.600	≥ 0.5	PASS
11	2462	17.640	≥ 0.5	PASS

Channel 1, 802.11ac (VHT20)



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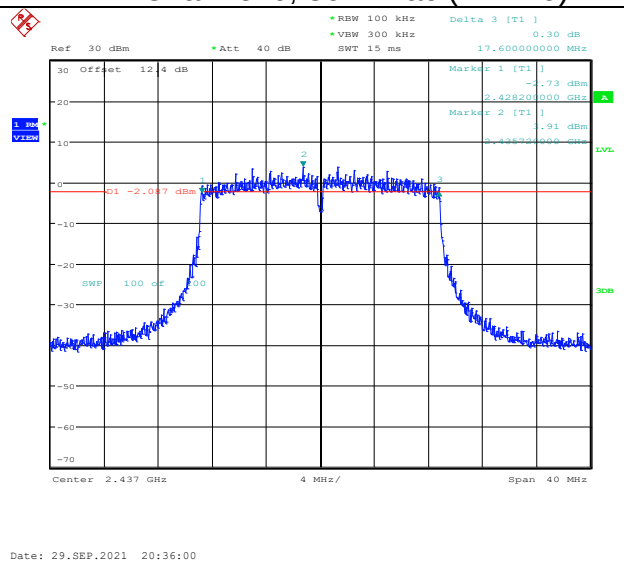
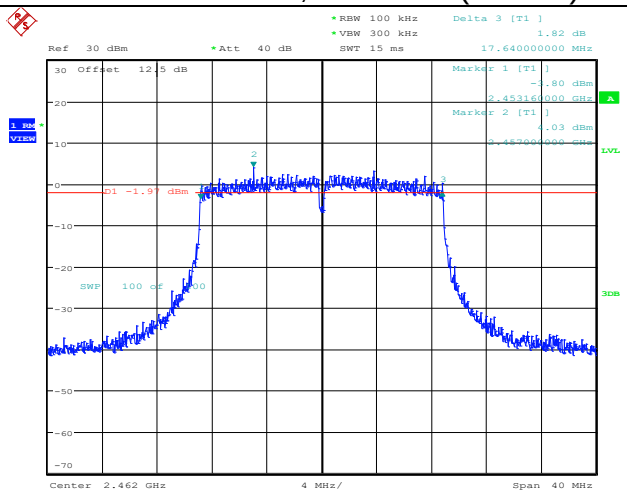


Channel 11, 802.11ac (VHT20)



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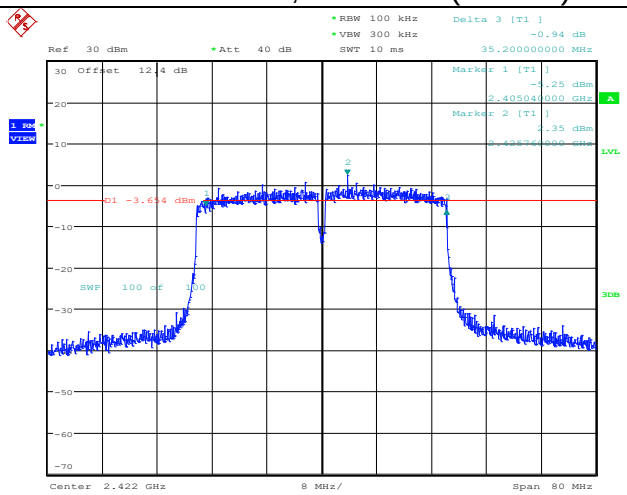
802.11ac (VHT40) Mode ANT0

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
3	2422	35.200	≥ 0.5	PASS
6	2437	36.480	≥ 0.5	PASS
9	2452	36.480	≥ 0.5	PASS

Channel 3, 802.11ac (VHT40)



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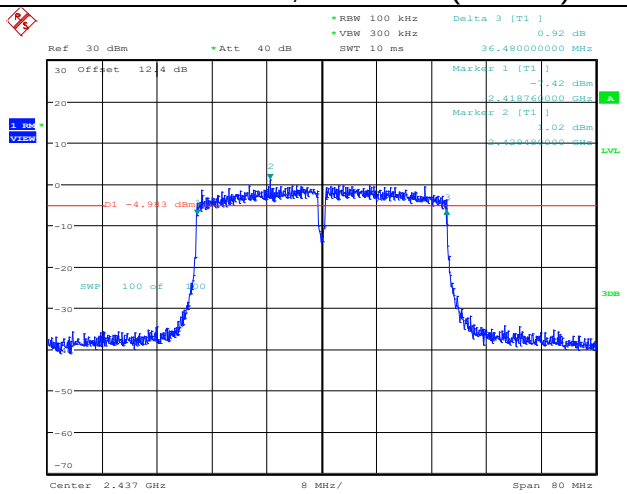
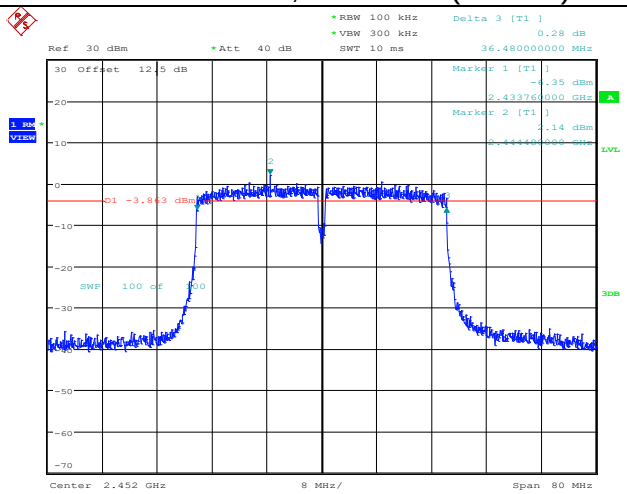
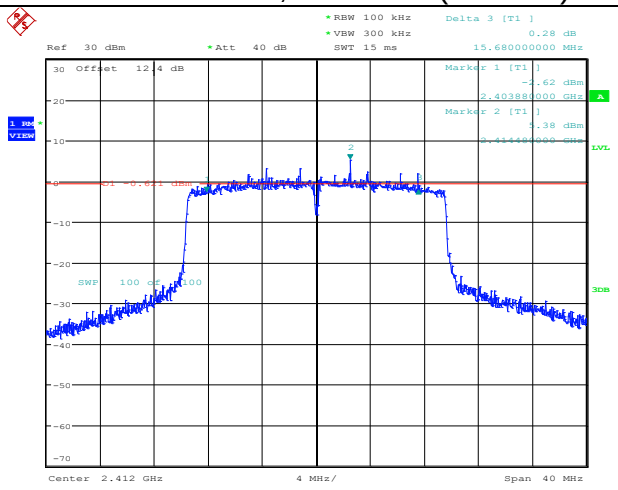
Channel 6, 802.11ac (VHT40)

Channel 9, 802.11ac (VHT40)


802.11ax (HEW20) Mode ANT0

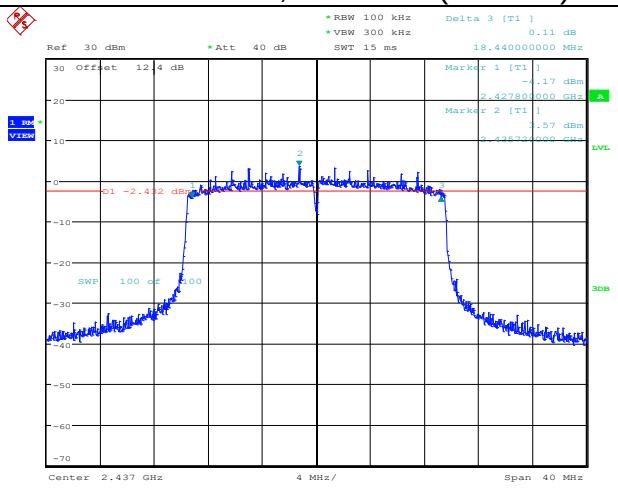
Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
1	2412	15.680	≥ 0.5	PASS
6	2437	18.440	≥ 0.5	PASS
11	2462	16.960	≥ 0.5	PASS

Channel 1, 802.11ax (HEW20)



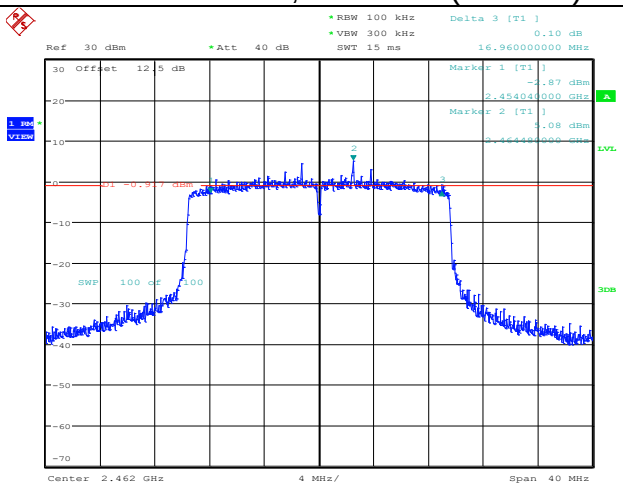
Date: 29.SEP.2021 18:09:05

Channel 6, 802.11ax (HEW20)



Date: 29.SEP.2021 18:12:48

Channel 11, 802.11ax (HEW20)



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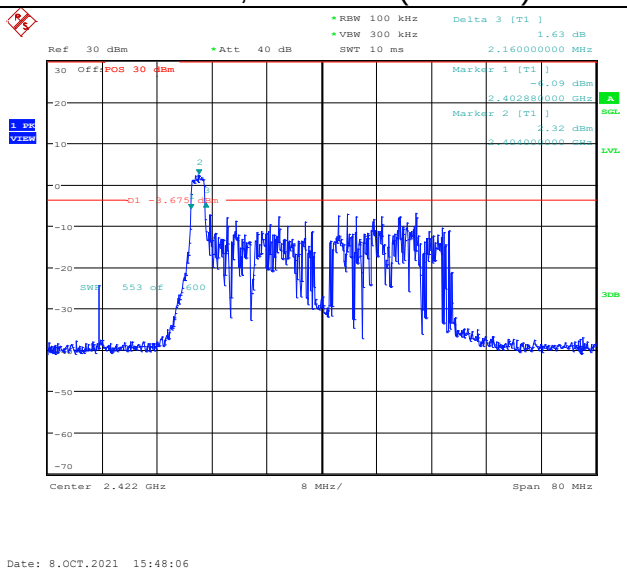
802.11ax (HEW40) RU26 Mode ANT0

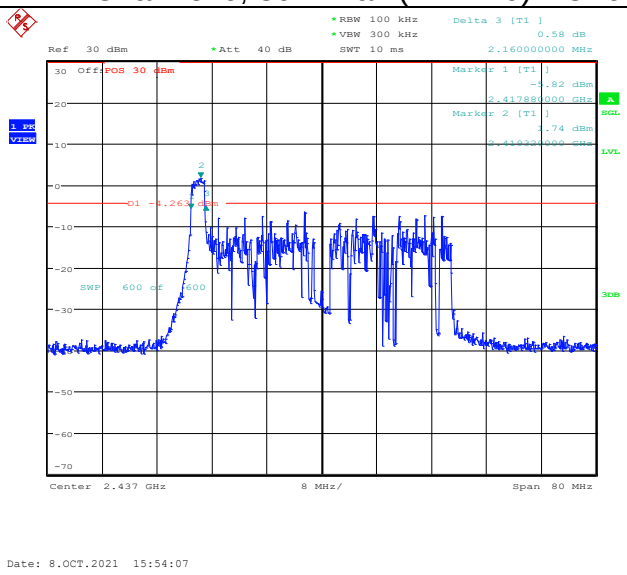
Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
3	2422	2.160	≥ 0.5	PASS
6	2437	2.160	≥ 0.5	PASS
9	2452	2.160	≥ 0.5	PASS

Channel 3, 802.11ax (HEW40) RU26

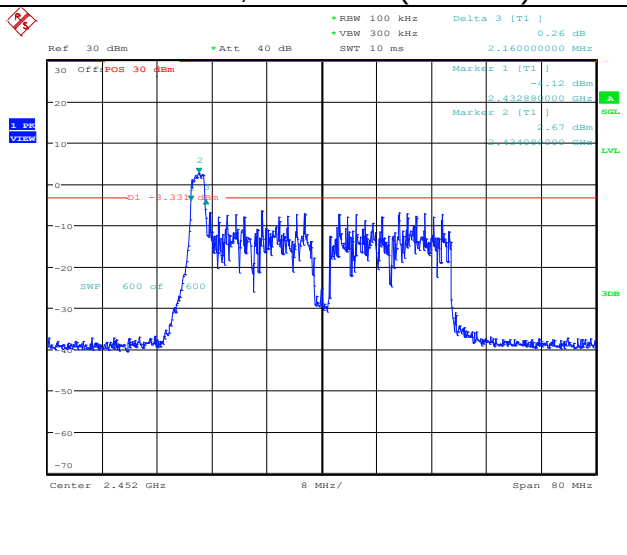


Date: 8.OCT.2021 15:48:06

Channel 6, 802.11ax (HEW40) RU26

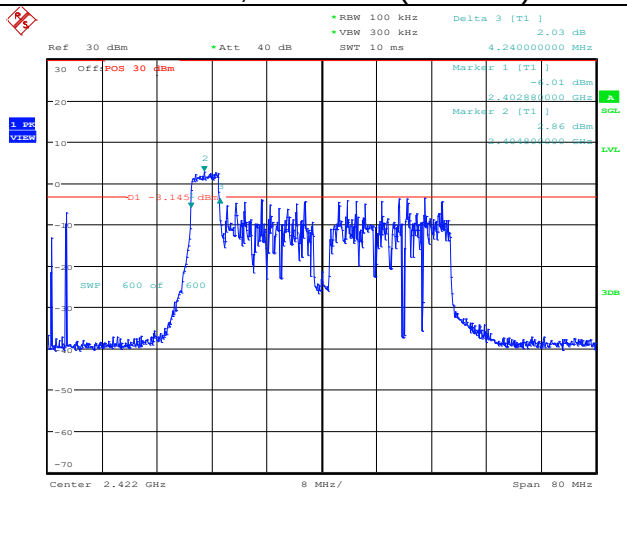


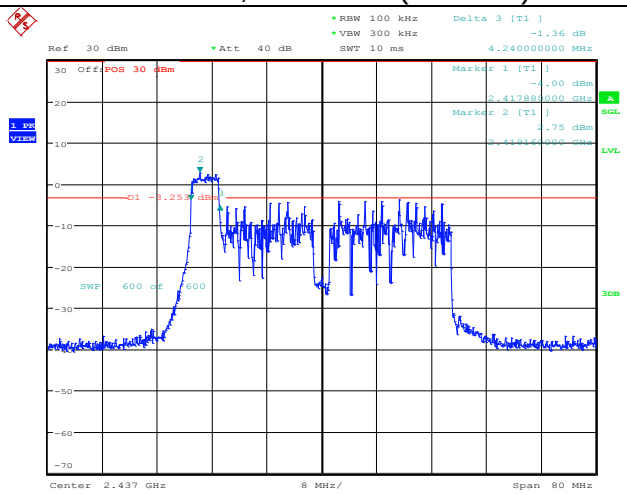
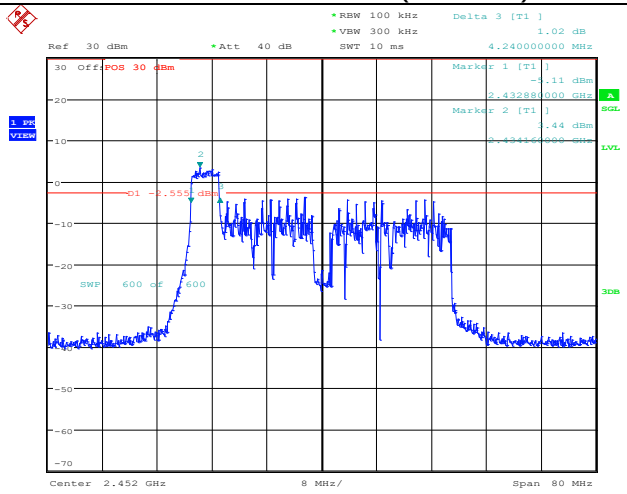
Date: 8.OCT.2021 15:54:07

Channel 9, 802.11ax (HEW40) RU26


802.11ax (HEW40) RU52 Mode ANT0

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
3	2422	4.240	≥ 0.5	PASS
6	2437	4.240	≥ 0.5	PASS
9	2452	4.240	≥ 0.5	PASS

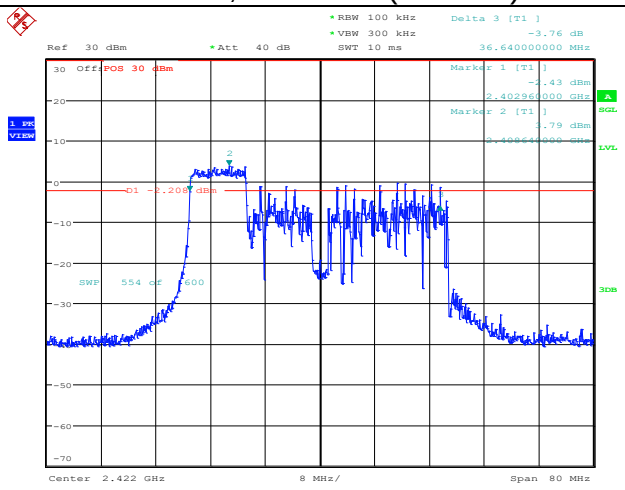
Channel 3, 802.11ax (HEW40) RU52


Channel 6, 802.11ax (HEW40) RU52

Channel 9, 802.11ax (HEW40) RU52


802.11ax (HEW40) RU106 Mode ANT0

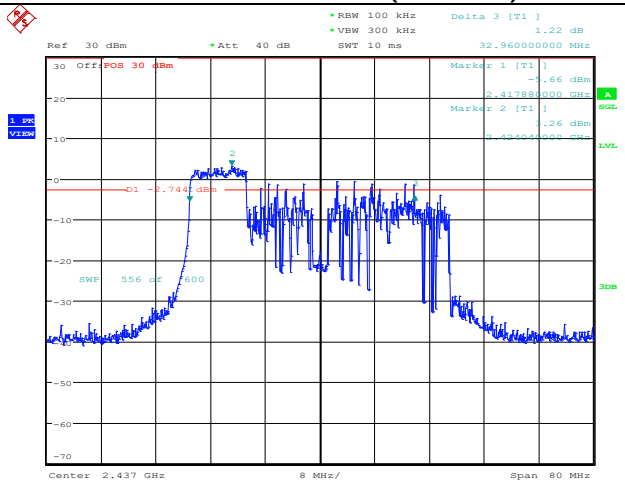
Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
3	2422	36.640	≥ 0.5	PASS
6	2437	32.960	≥ 0.5	PASS
9	2452	36.720	≥ 0.5	PASS

Channel 3, 802.11ax (HEW40) RU106



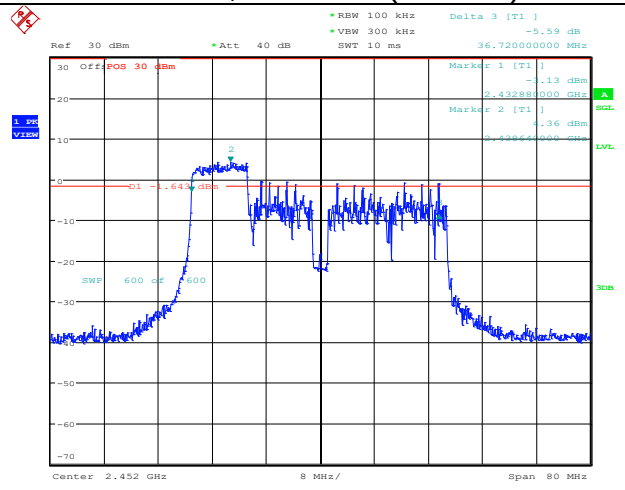
Date: 8.OCT.2021 17:13:09

Channel 6, 802.11ax (HEW40) RU106



Date: 8.OCT.2021 17:19:11

Channel 9, 802.11ax (HEW40) RU106

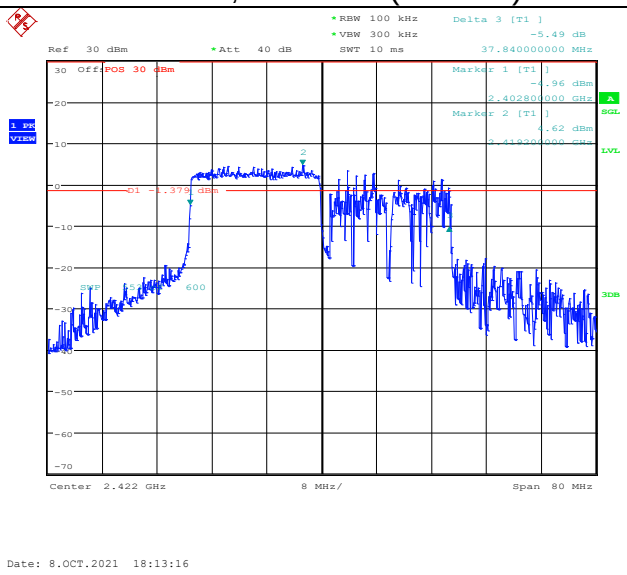


Date: 8.OCT.2021 17:23:36

802.11ax (HEW40) RU242 Mode ANT0

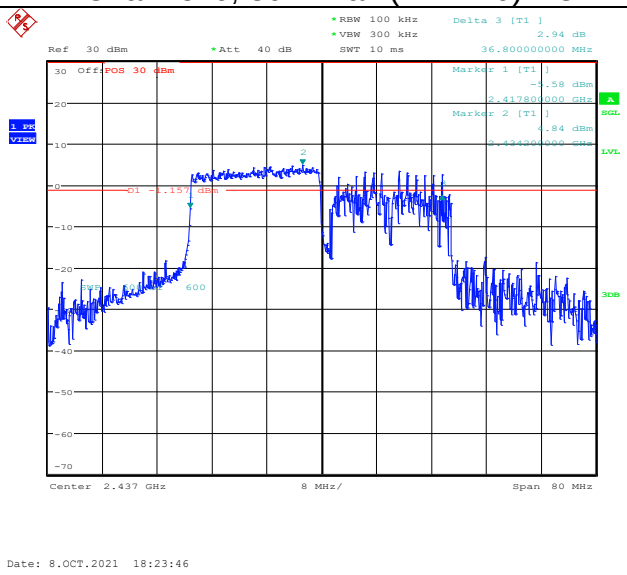
Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
3	2422	37.840	≥ 0.5	PASS
6	2437	36.800	≥ 0.5	PASS
9	2452	36.800	≥ 0.5	PASS

Channel 3, 802.11ax (HEW40) RU242

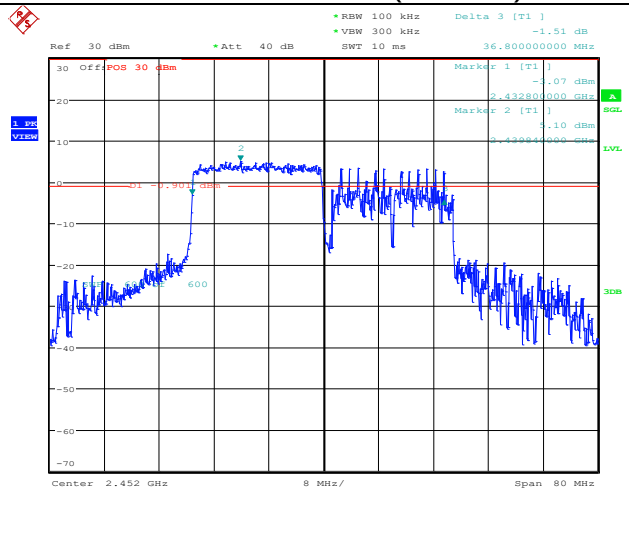


Date: 8.OCT.2021 18:13:16

Channel 6, 802.11ax (HEW40) RU242

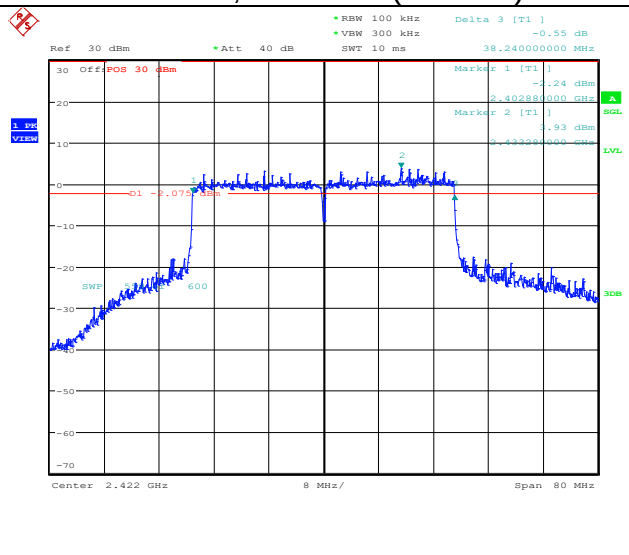


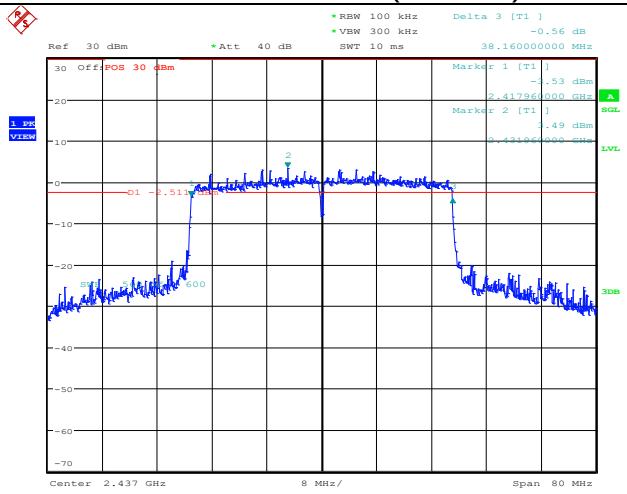
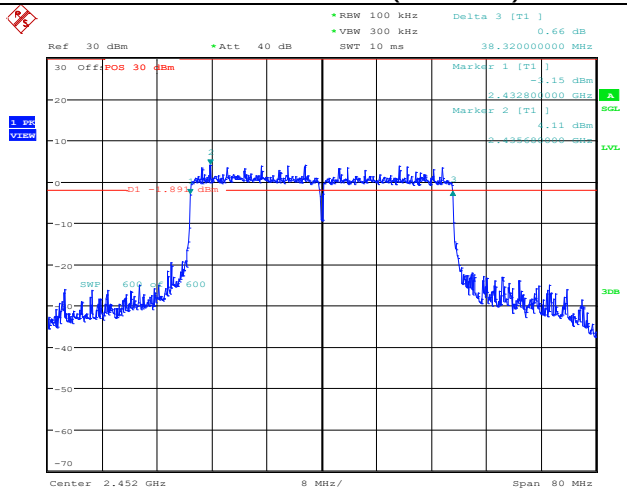
Date: 8.OCT.2021 18:23:46

Channel 9, 802.11ax (HEW40) RU242


802.11ax (HEW40) RU484 Mode ANT0

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
3	2422	38.240	≥ 0.5	PASS
6	2437	38.160	≥ 0.5	PASS
9	2452	38.320	≥ 0.5	PASS

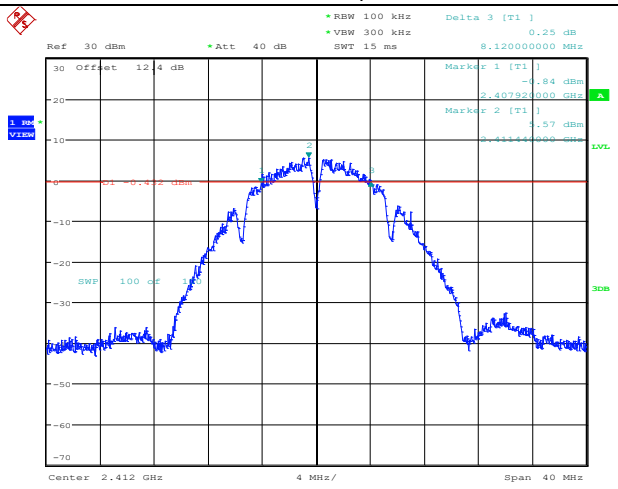
Channel 3, 802.11ax (HEW40) RU484


Channel 6, 802.11ax (HEW40) RU484
 Date: 8.OCT.2021 19:39:15
Channel 9, 802.11ax (HEW40) RU484
 Date: 8.OCT.2021 19:46:59

802.11b Mode ANT1

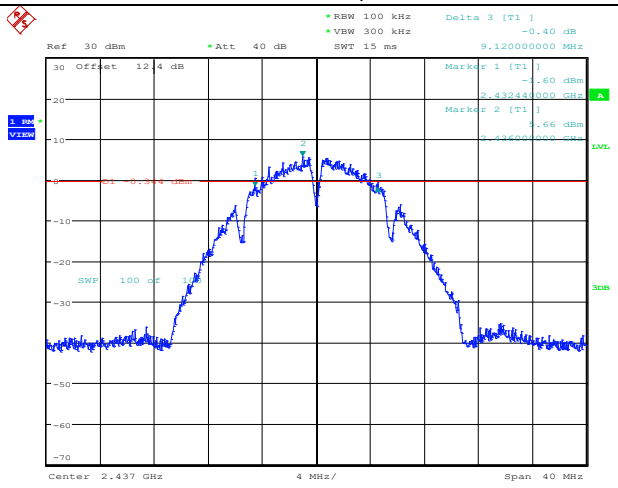
Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
1	2412	8.120	≥ 0.5	PASS
6	2437	9.120	≥ 0.5	PASS
11	2462	8.080	≥ 0.5	PASS

Channel 1, 802.11b



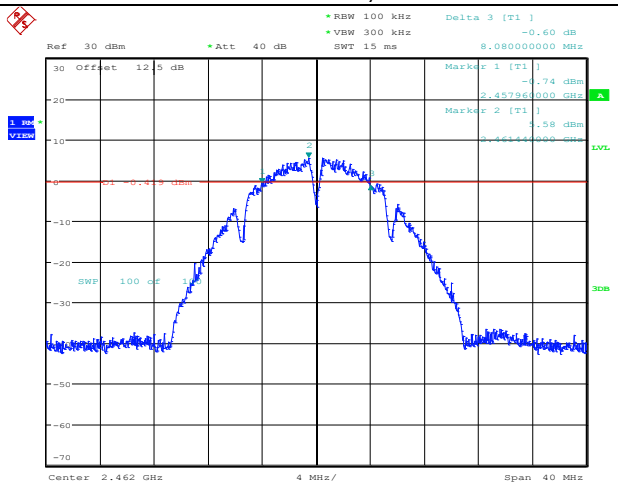
Date: 29.SEP.2021 18:20:51

Channel 6, 802.11b



Date: 29.SEP.2021 18:28:30

Channel 11, 802.11b

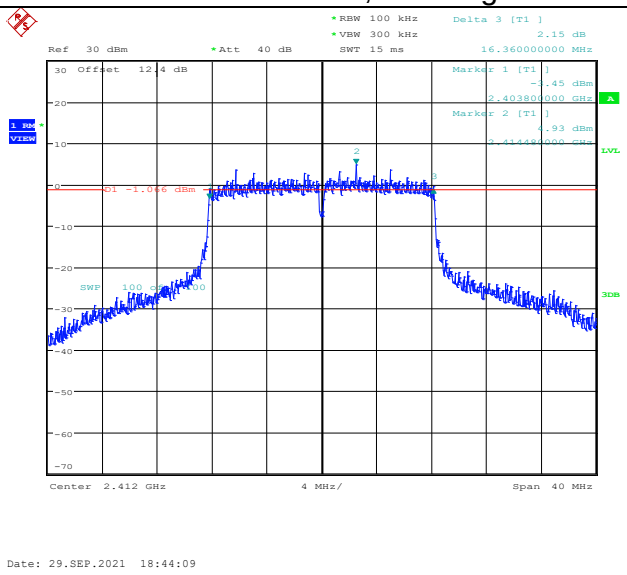


Date: 29.SEP.2021 18:40:19

802.11g Mode ANT1

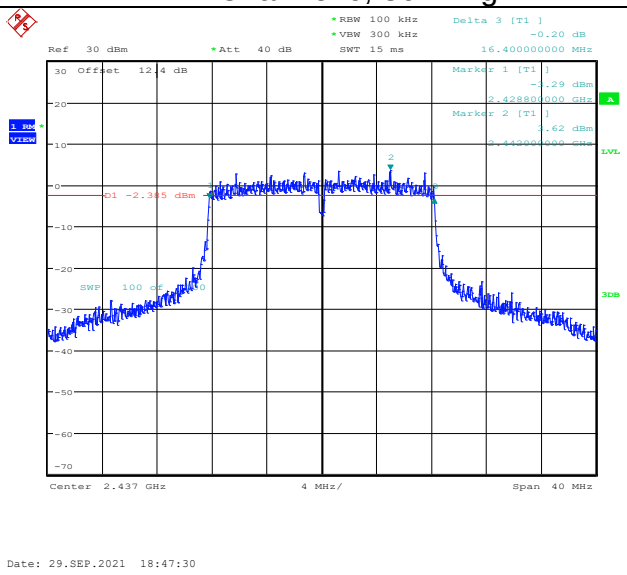
Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
1	2412	16.360	≥ 0.5	PASS
6	2437	16.400	≥ 0.5	PASS
11	2462	16.400	≥ 0.5	PASS

Channel 1, 802.11g

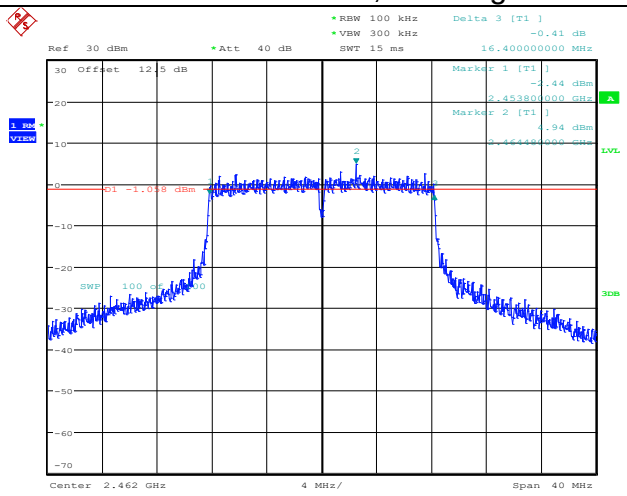


Date: 29.SEP.2021 18:44:09

Channel 6, 802.11g

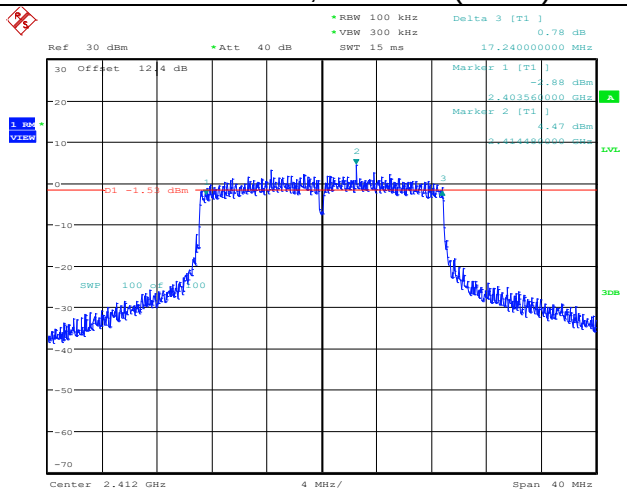


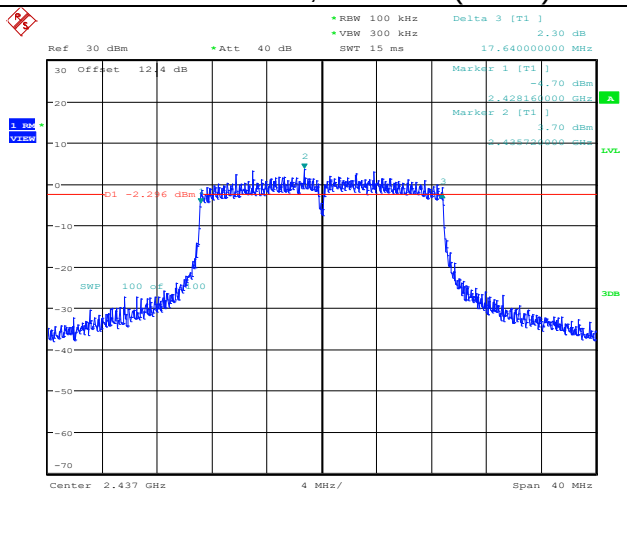
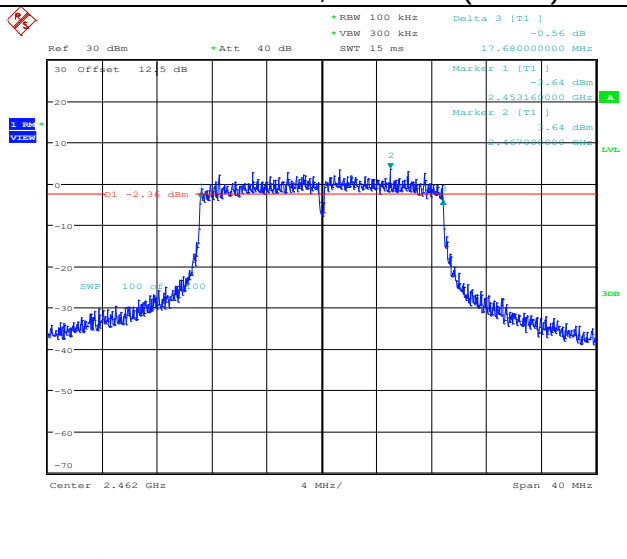
Date: 29.SEP.2021 18:47:30

Channel 11, 802.11g


802.11n (HT20) Mode ANT1

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
1	2412	17.240	≥ 0.5	PASS
6	2437	17.640	≥ 0.5	PASS
11	2462	17.680	≥ 0.5	PASS

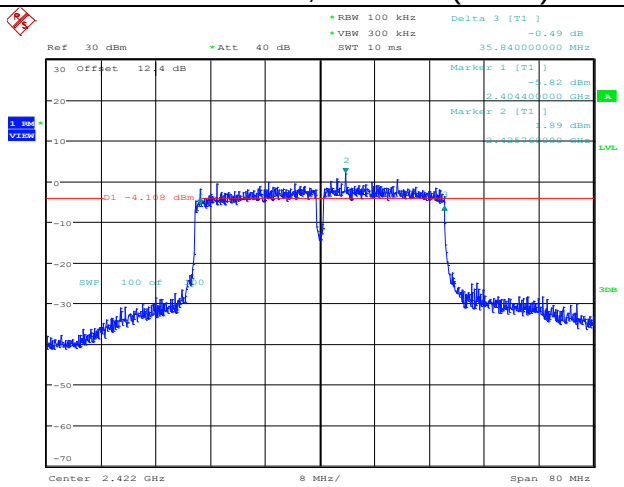
Channel 1, 802.11n (HT20)


Channel 6, 802.11n (HT20)

Channel 11, 802.11n (HT20)


802.11n (HT40) Mode ANT1

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
3	2422	35.840	≥ 0.5	PASS
6	2437	35.440	≥ 0.5	PASS
9	2452	36.480	≥ 0.5	PASS

Channel 3, 802.11n (HT40)



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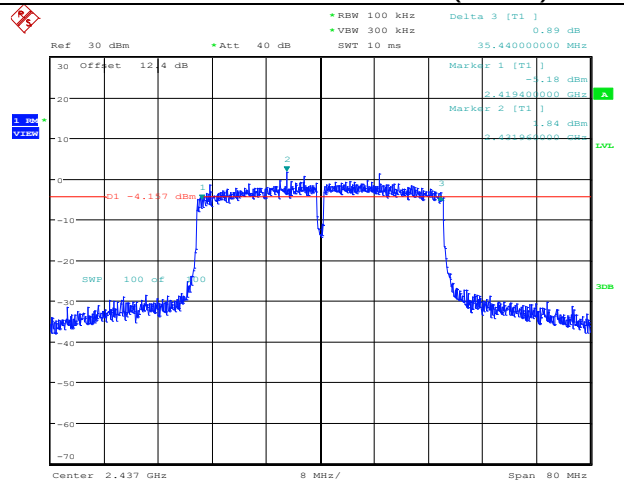
Channel 6, 802.11n (HT40)



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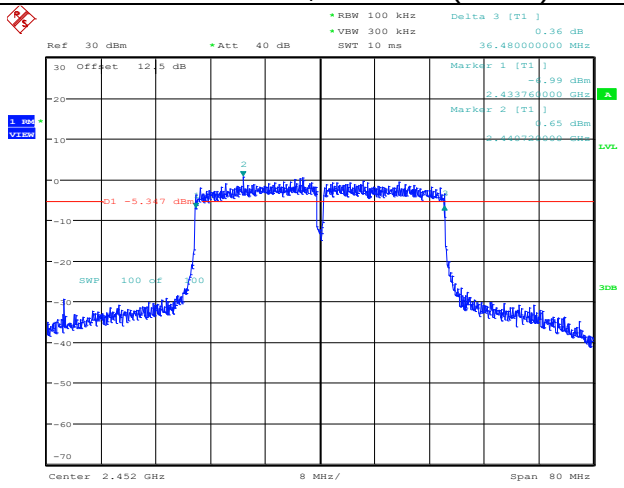
Channel 9, 802.11n (HT40)

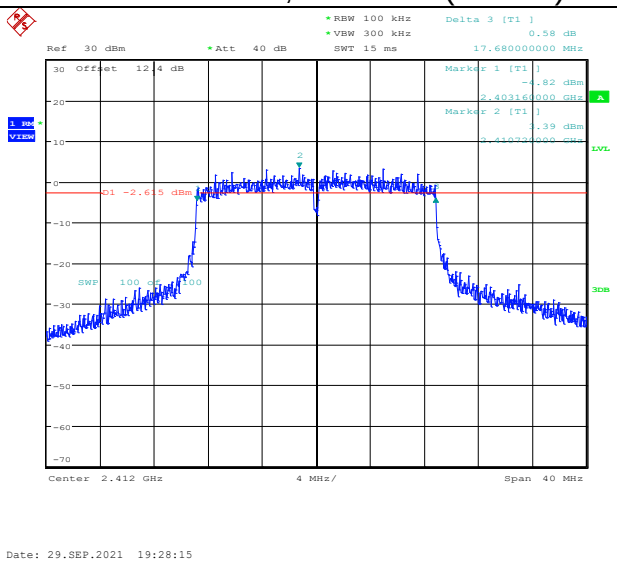


Date: 29.SEP.2021 19:20:45

802.11ac (VHT20) Mode ANT1

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
1	2412	17.680	≥ 0.5	PASS
6	2437	17.680	≥ 0.5	PASS
11	2462	17.640	≥ 0.5	PASS

Channel 1, 802.11ac (VHT20)



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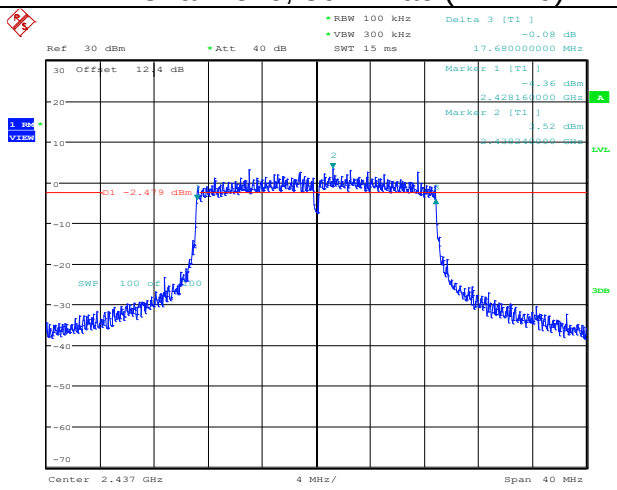
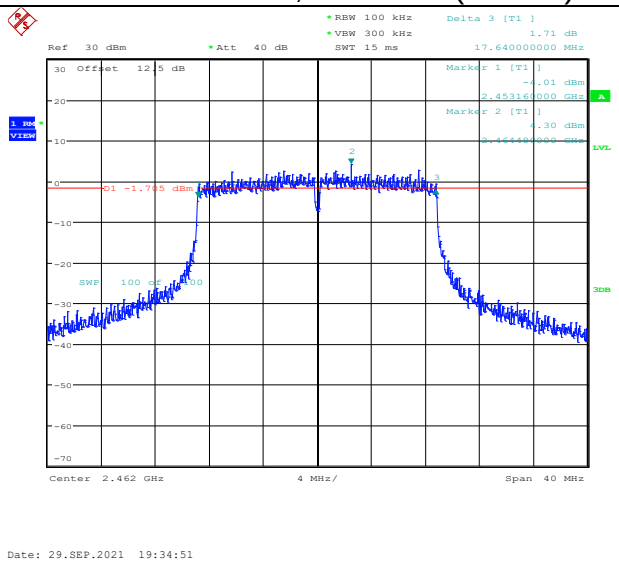
Channel 6, 802.11ac (VHT20)

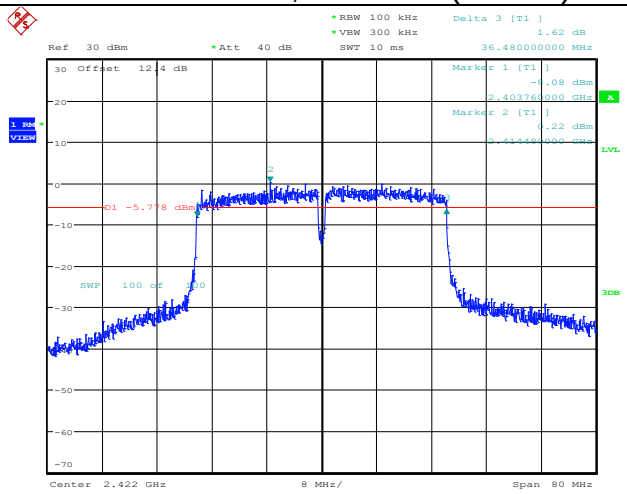


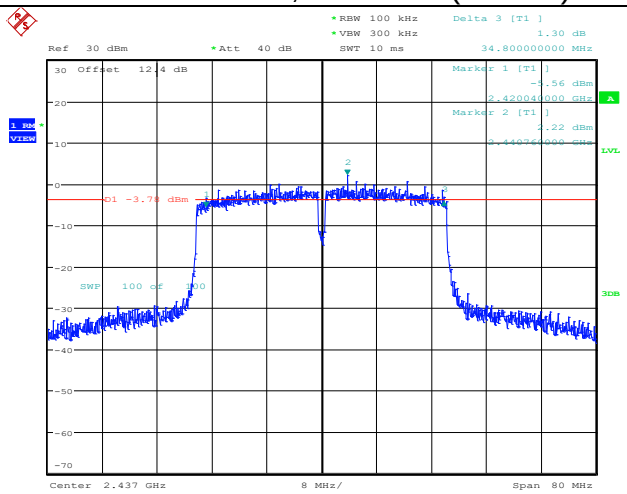
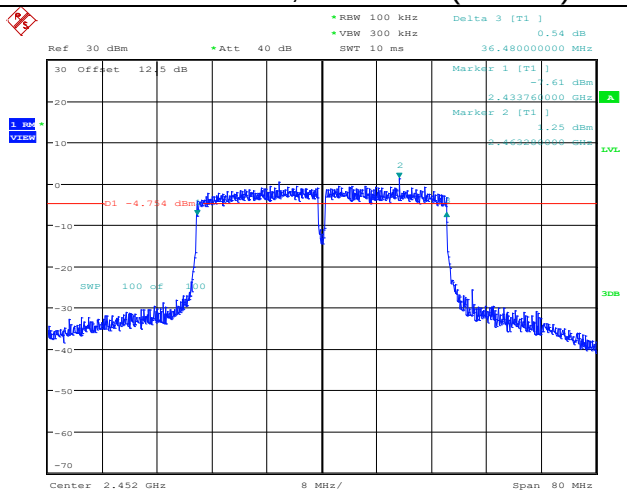
Date: 29.SEP.2021 19:31:40

Channel 11, 802.11ac (VHT20)


802.11ac (VHT40) Mode ANT1

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
3	2422	36.480	≥ 0.5	PASS
6	2437	34.800	≥ 0.5	PASS
9	2452	36.480	≥ 0.5	PASS

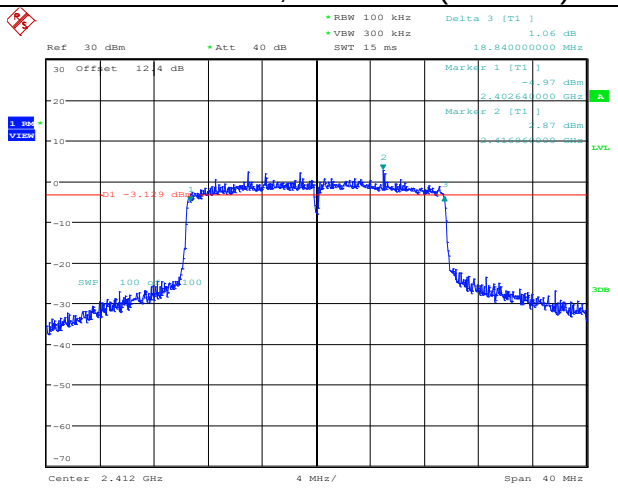
Channel 3, 802.11ac (VHT40)


Channel 6, 802.11ac (VHT40)

Channel 9, 802.11ac (VHT40)


802.11ax (HEW20) Mode ANT1

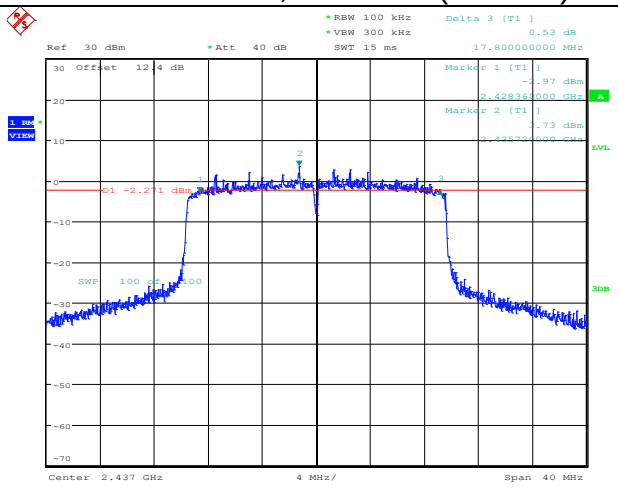
Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
1	2412	18.840	≥ 0.5	PASS
6	2437	17.800	≥ 0.5	PASS
11	2462	18.520	≥ 0.5	PASS

Channel 1, 802.11ax (HEW20)



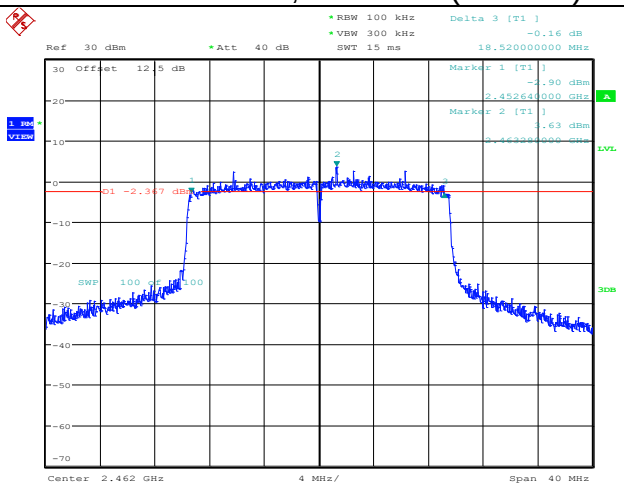
Date: 29.SEP.2021 19:53:22

Channel 6, 802.11ax (HEW20)



Date: 29.SEP.2021 19:56:37

Channel 11, 802.11ax (HEW20)

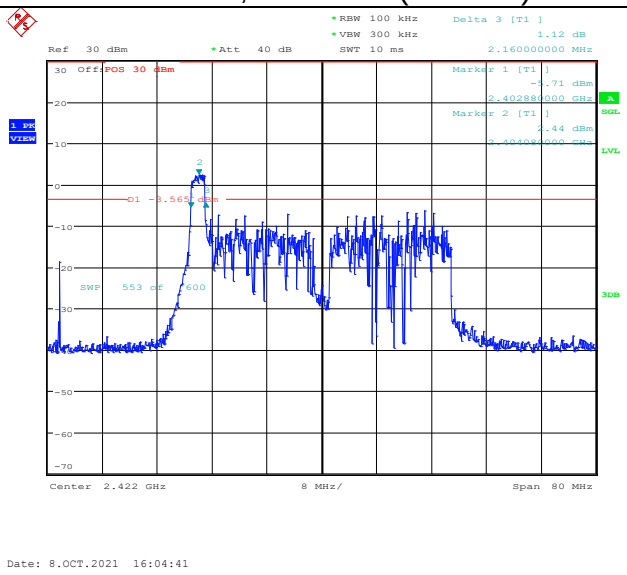


Date: 29.SEP.2021 19:59:52

802.11ax (HEW40) RU26 Mode ANT1

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
3	2422	2.160	≥ 0.5	PASS
6	2437	2.160	≥ 0.5	PASS
9	2452	2.160	≥ 0.5	PASS

Channel 3, 802.11ax (HEW40) RU26



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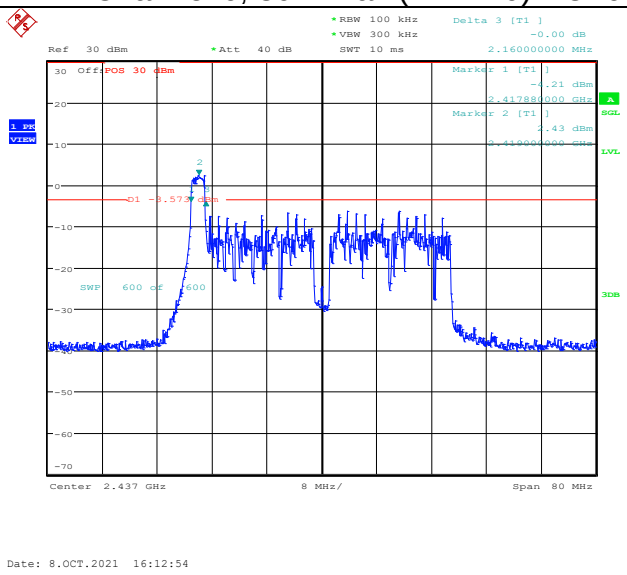
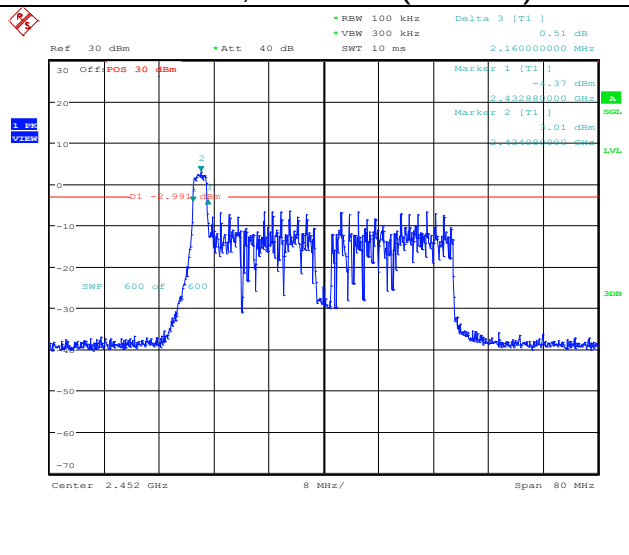
Channel 6, 802.11ax (HEW40) RU26

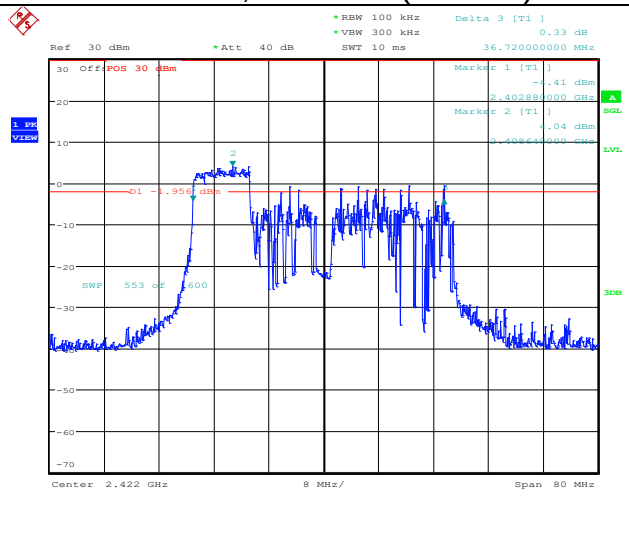


Date: 8.OCT.2021 16:12:54

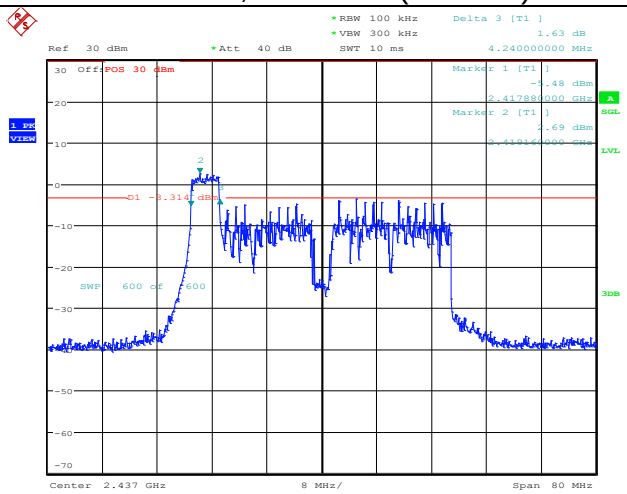
Channel 9, 802.11ax (HEW40) RU26


802.11ax (HEW40) RU52 Mode ANT1

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
3	2422	36.720	≥ 0.5	PASS
6	2437	4.240	≥ 0.5	PASS
9	2452	4.240	≥ 0.5	PASS

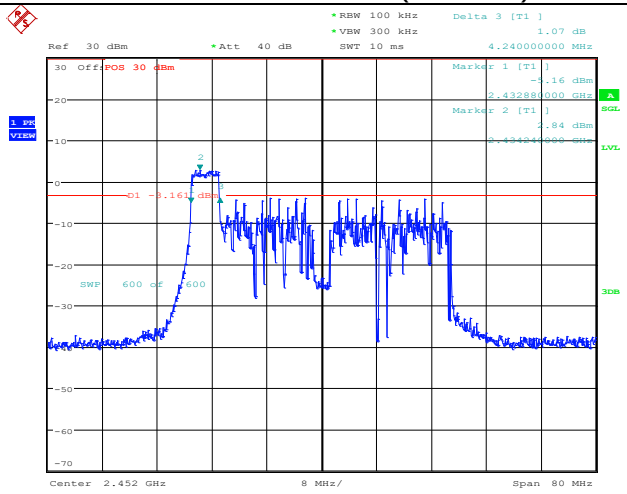
Channel 3, 802.11ax (HEW40) RU52


Channel 6, 802.11ax (HEW40) RU52



Date: 8.OCT.2021 16:48:17

Channel 9, 802.11ax (HEW40) RU52

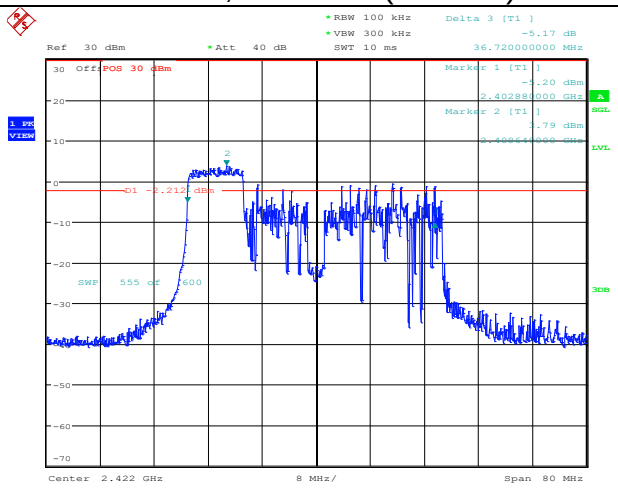


Date: 8.OCT.2021 16:52:13

802.11ax (HEW40) RU106 Mode ANT1

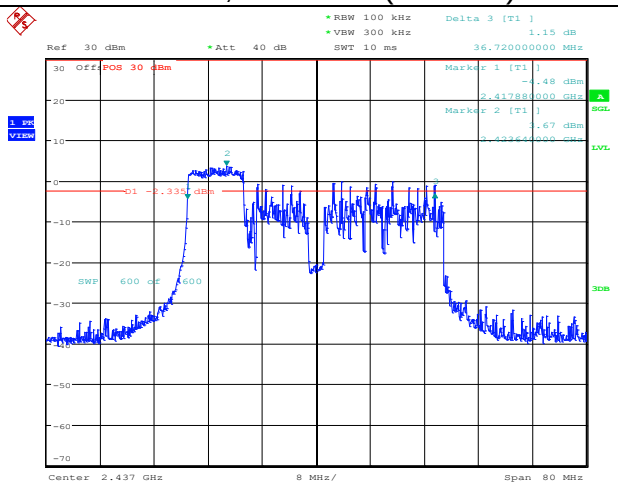
Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
3	2422	36.720	≥ 0.5	PASS
6	2437	36.720	≥ 0.5	PASS
9	2452	34.240	≥ 0.5	PASS

Channel 3, 802.11ax (HEW40) RU106



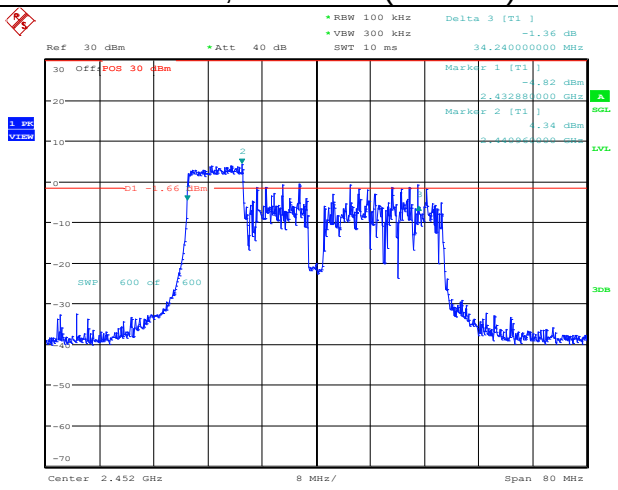
Date: 8.OCT.2021 17:36:40

Channel 6, 802.11ax (HEW40) RU106



Date: 8.OCT.2021 17:43:24

Channel 9, 802.11ax (HEW40) RU106

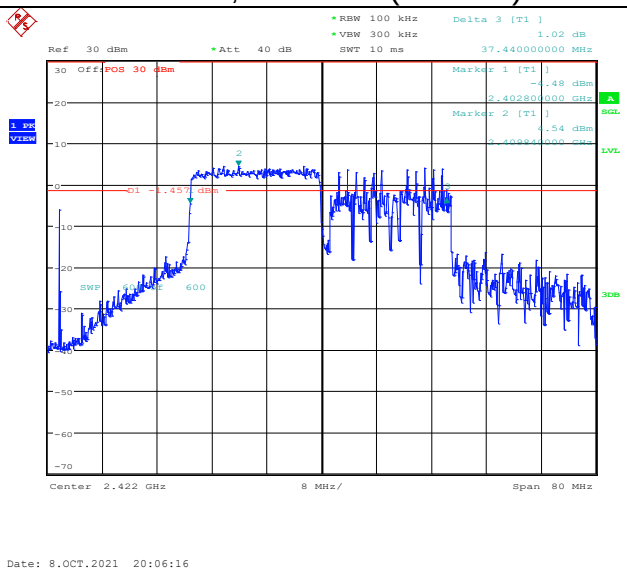


Date: 8.OCT.2021 17:54:58

802.11ax (HEW40) RU242 Mode ANT1

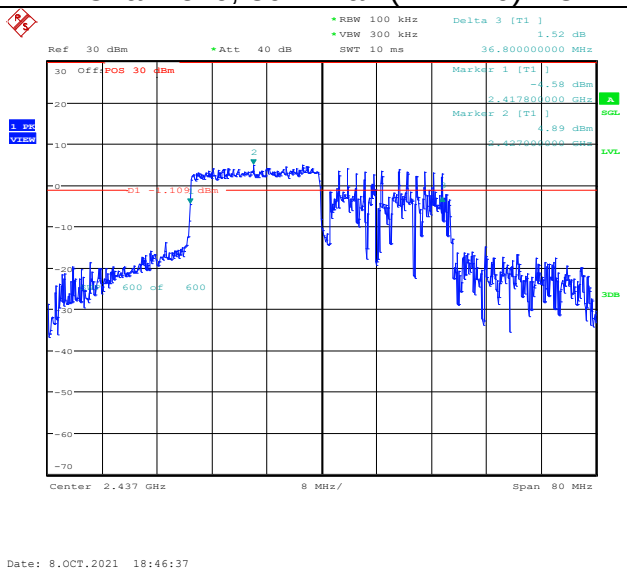
Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
3	2422	37.440	≥ 0.5	PASS
6	2437	36.800	≥ 0.5	PASS
9	2452	36.800	≥ 0.5	PASS

Channel 3, 802.11ax (HEW40) RU242

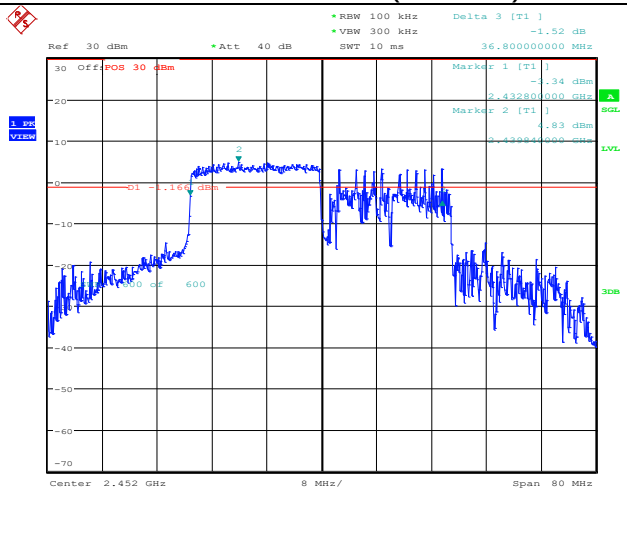


Date: 8.OCT.2021 20:06:16

Channel 6, 802.11ax (HEW40) RU242

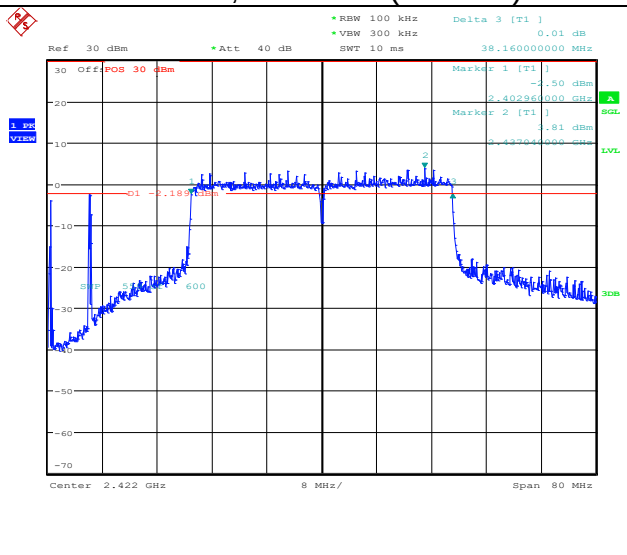


Date: 8.OCT.2021 18:46:37

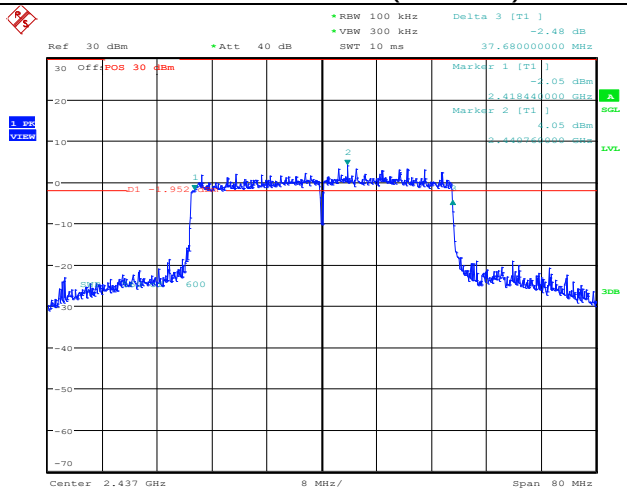
Channel 9, 802.11ax (HEW40) RU242


802.11ax (HEW40) RU484 Mode ANT1

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
3	2422	38.160	≥ 0.5	PASS
6	2437	37.680	≥ 0.5	PASS
9	2452	38.240	≥ 0.5	PASS

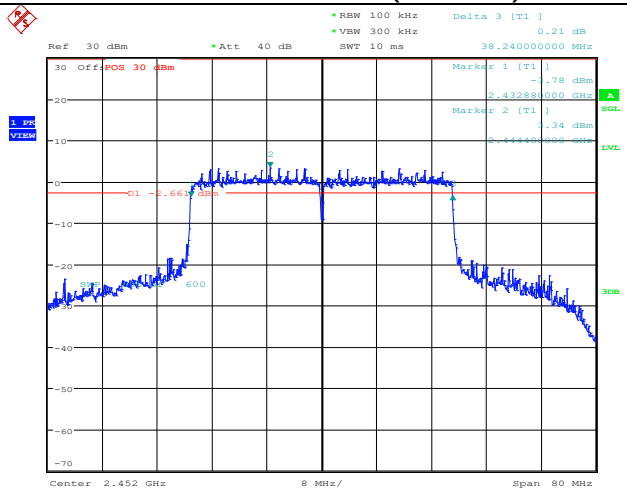
Channel 3, 802.11ax (HEW40) RU484


Channel 6, 802.11ax (HEW40) RU484



Date: 8.OCT.2021 19:58:55

Channel 9, 802.11ax (HEW40) RU484



Date: 8.OCT.2021 20:02:02

7. MAXIMUM CONDUCTED OUTPUT POWER MEASUREMENT

7.1. LIMITS OF Maximum Conducted Output Power Measurement

CFR 47 (FCC) part 15.247 (b) (3)

7.2. TEST PROCEDURE

ANSI C63.10-2013 Clause 11.9
The following procedure can be used when the maximum available RBW of the instrument is less than the
DTS bandwidth:
a) Set the RBW = 1 MHz.
b) Set the VBW ≥ [3 × RBW].
c) Set the span ≥ [1.5 × DTS bandwidth].
d) Detector = peak.
e) Sweep time = auto couple.
f) Trace mode = max hold.
g) Allow trace to fully stabilize.
h) Use the instrument's band/channel power measurement function with the band limits set equal to the DTS bandwidth edges (for some instruments, this may require a manual override to select the peak detector). If the instrument does not have a band power function, then sum the spectrum levels (in linear power units) at intervals equal to the RBW extending across the DTS channel bandwidth.

7.3. TEST SETUP

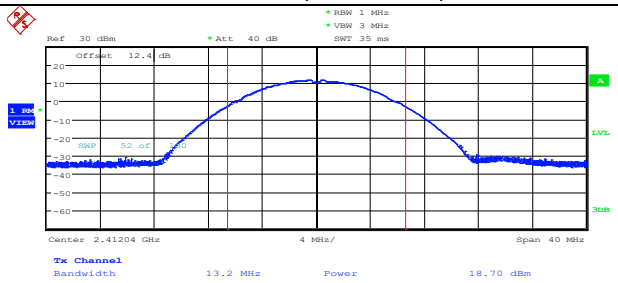
7.4. TEST DATA

Maximum Conducted Output Power

802.11b Mode

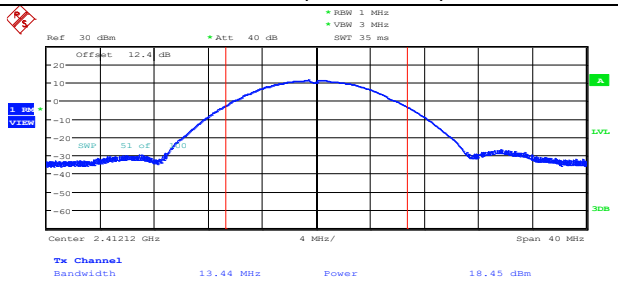
Frequency (MHz)	Measured		Duty Factor	Limit	Verdict
	ANT 0	ANT 1			
	dBm	dBm		dBm	
2412	18.70	18.45	0	30	PASS
2437	18.46	18.36	0	30	PASS
2462	18.92	18.71	0	30	PASS

2412MHz, 802.11b,ANT 0



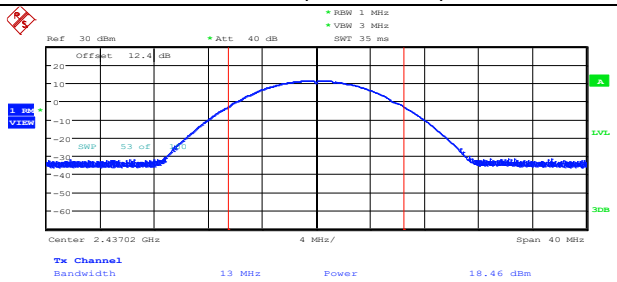
Date: 29.SEP.2021 16:27:53

2412MHz, 802.11b,ANT 1



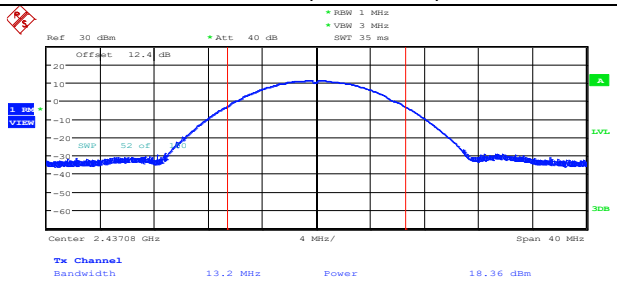
Date: 29.SEP.2021 18:21:19

2437MHz, 802.11b,ANT 0



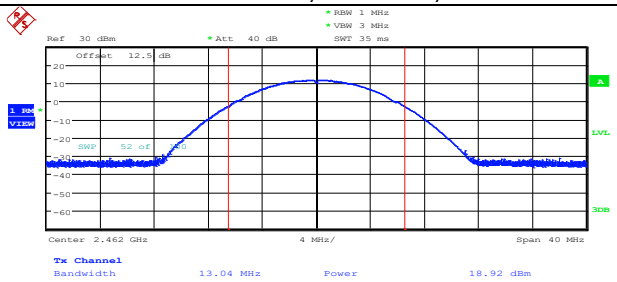
Date: 29.SEP.2021 16:31:13

2437MHz,802.11b,ANT 1



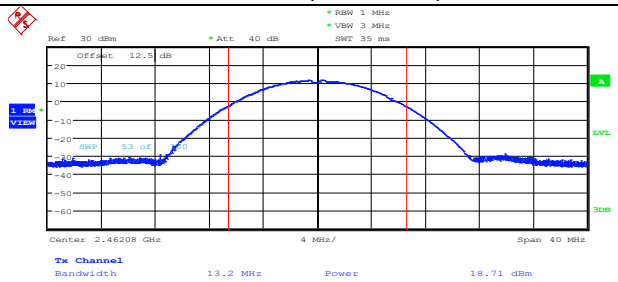
Date: 29.SEP.2021 18:28:57

2462MHz,802.11b,ANT 0



Date: 29.SEP.2021 16:36:46

2462MHz,802.11b,ANT 1

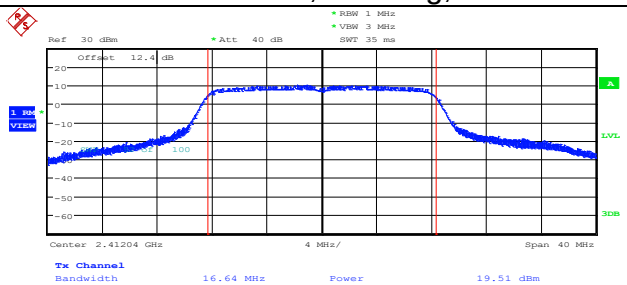


Date: 29.SEP.2021 18:40:47

802.11g Mode

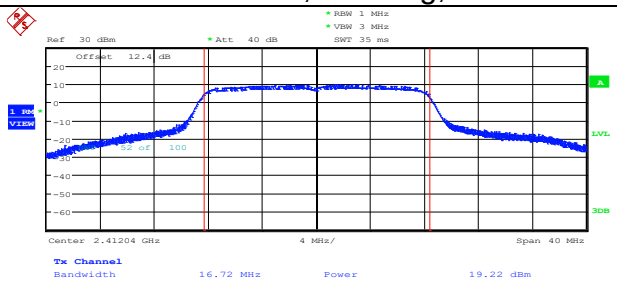
Frequency (MHz)	Measured		Duty Factor	Limit	Verdict
	ANT 0	ANT 1			
	dBm	dBm		dBm	
2412	19.51	19.22	0	30	PASS
2437	19.39	19.20	0	30	PASS
2462	19.80	19.57	0	30	PASS

2412MHz, 802.11g,ANT 0



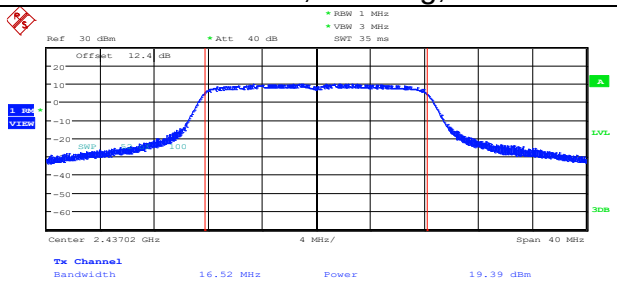
Date: 29.SEP.2021 16:42:11

2412MHz, 802.11g,ANT 1



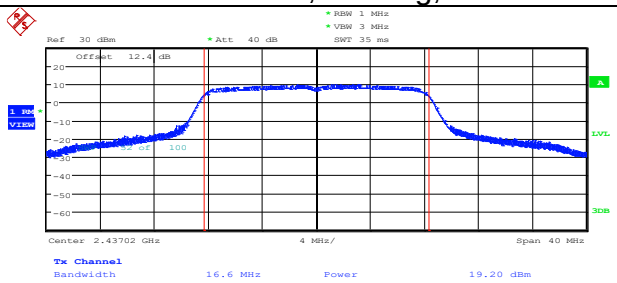
Date: 29.SEP.2021 18:44:37

2437MHz, 802.11g,ANT 0

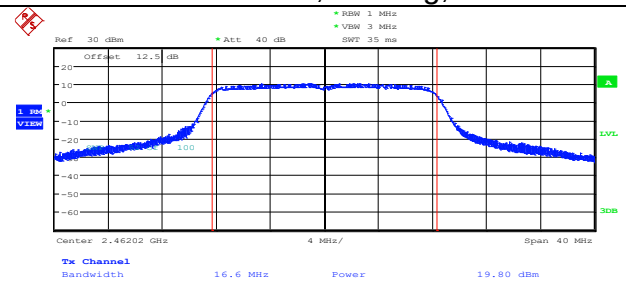
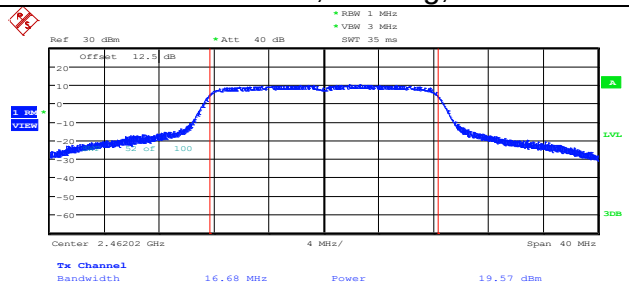


Date: 29.SEP.2021 16:45:26

2437MHz,802.11g,ANT 1



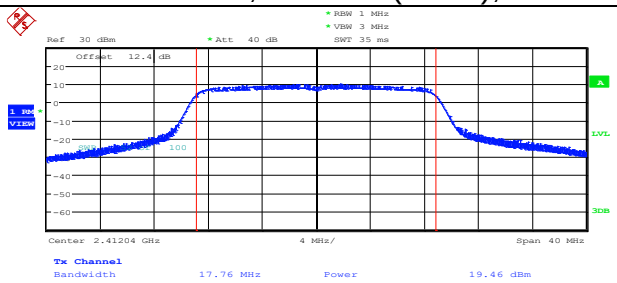
Date: 29.SEP.2021 18:53:42

2462MHz,802.11g,ANT 0
 Date: 29.SEP.2021 16:54:00
2462MHz,802.11g,ANT 1
 Date: 29.SEP.2021 18:57:42

802.11n (HT20) Mode

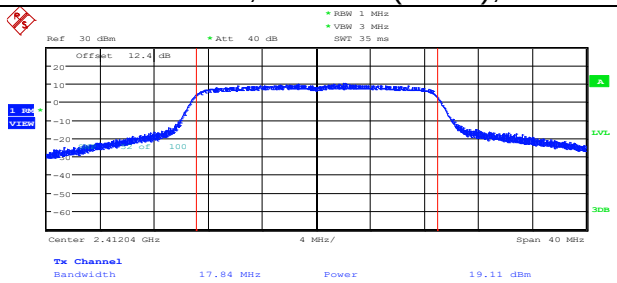
Frequency (MHz)	Measured		Duty Factor	Total Power with Duty Factor	Limit	Verdict
	ANT 0	ANT 1				
	dBm	dBm		dBm	dBm	
2412	19.46	19.11	0	22.30	30	PASS
2437	19.33	19.08	0	22.22	30	PASS
2462	19.75	19.43	0	22.60	30	PASS

2412MHz, 802.11n (HT20),ANT 0



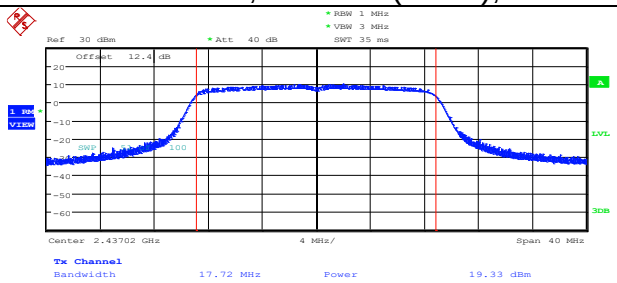
Date: 29.SEP.2021 16:59:00

2412MHz, 802.11n (HT20),ANT 1



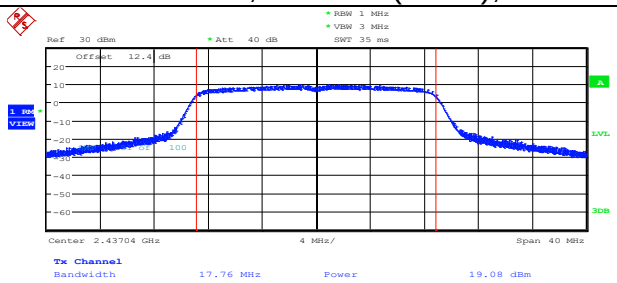
Date: 29.SEP.2021 19:01:36

2437MHz, 802.11n (HT20),ANT 0



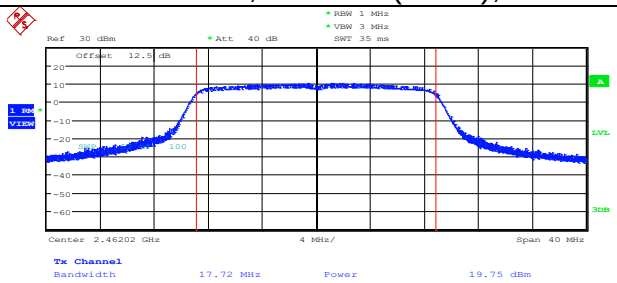
Date: 29.SEP.2021 17:05:54

2437MHz, 802.11n (HT20),ANT 1



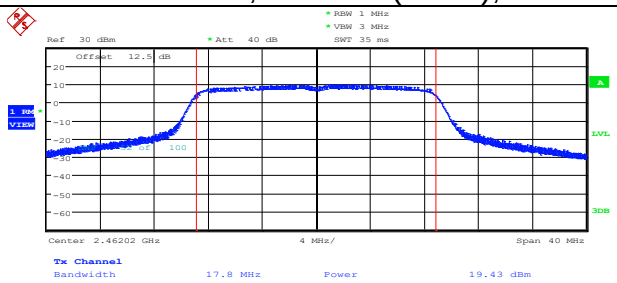
Date: 29.SEP.2021 19:05:19

2462MHz, 802.11n (HT20),ANT 0



Date: 29.SEP.2021 17:08:51

2462MHz, 802.11n (HT20),ANT 1

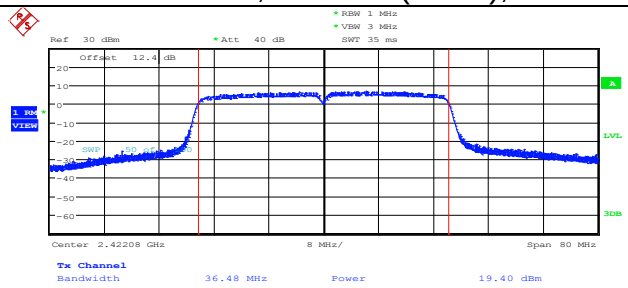


Date: 29.SEP.2021 19:08:30

802.11n (HT40) Mode

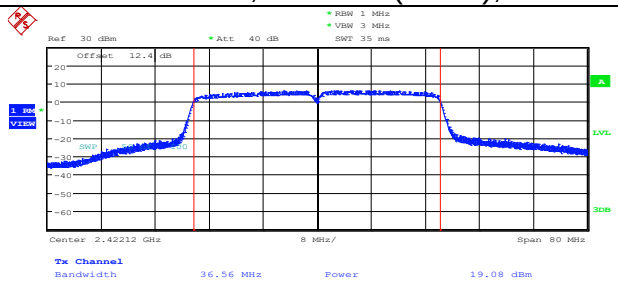
Frequency (MHz)	Measured		Duty Factor	Total Power with Duty Factor	Limit	Verdict
	ANT 0	ANT 1				
	dBm	dBm		dBm	dBm	
2422	19.40	19.08	0	22.25	30	PASS
2437	19.44	19.12	0	22.29	30	PASS
2452	19.82	19.27	0	22.56	30	PASS

2422MHz, 802.11n (HT40),ANT 0



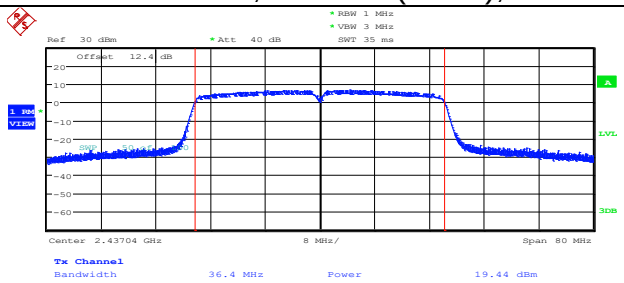
Date: 29.SEP.2021 17:53:24

2422MHz, 802.11n (HT40),ANT 1



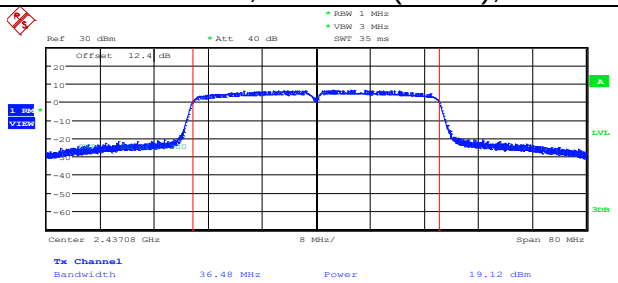
Date: 29.SEP.2021 19:11:57

2437MHz, 802.11n (HT40),ANT 0



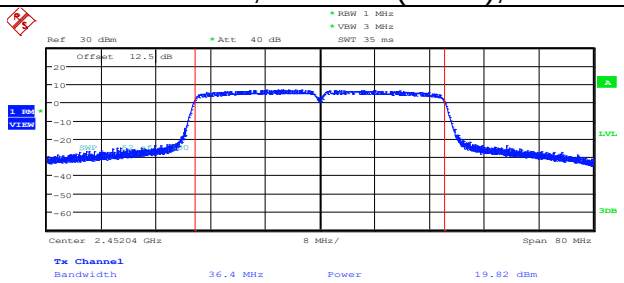
Date: 29.SEP.2021 17:58:03

2437MHz, 802.11n (HT40),ANT 1

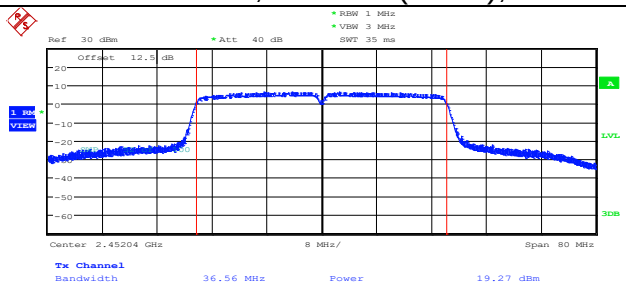


Date: 29.SEP.2021 19:16:32

2452MHz, 802.11n (HT40),ANT 0

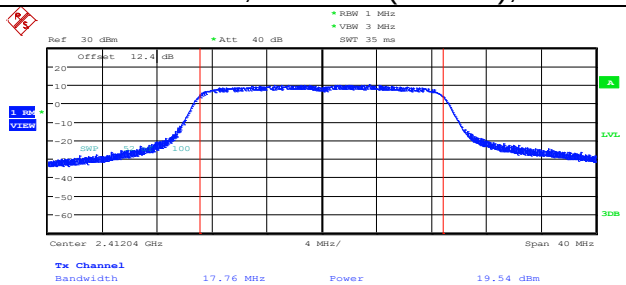


Date: 29.SEP.2021 18:02:08

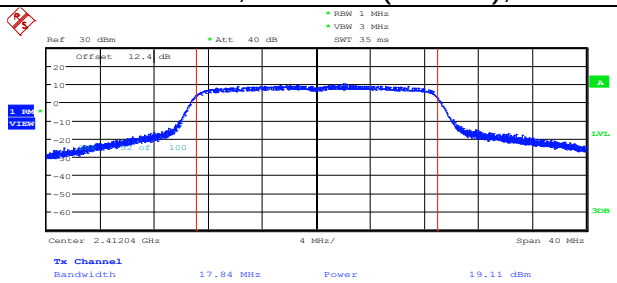
2452MHz, 802.11n (HT40),ANT 1


802.11ac (VHT20) Mode

Frequency (MHz)	Measured		Duty Factor	Total Power with Duty Factor	Limit	Verdict
	ANT 0	ANT 1				
	dBm	dBm		dBm	dBm	
2412	19.54	19.13	0	22.35	30	PASS
2437	19.31	19.12	0	22.23	30	PASS
2462	19.84	19.49	0	22.68	30	PASS

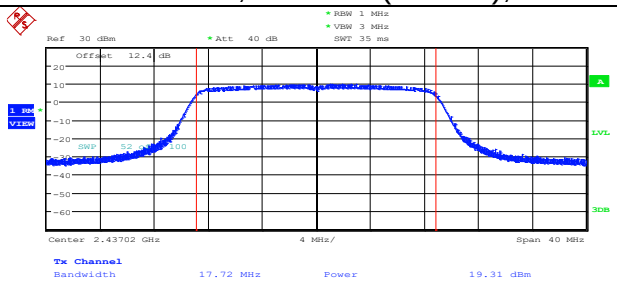
2412MHz, 802.11n (VHT20),ANT 0


2412MHz, 802.11n (VHT20),ANT 1



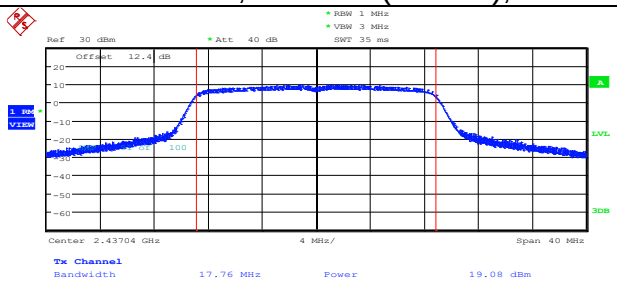
Date: 29.SEP.2021 19:01:36

2437MHz, 802.11n (VHT20),ANT 0



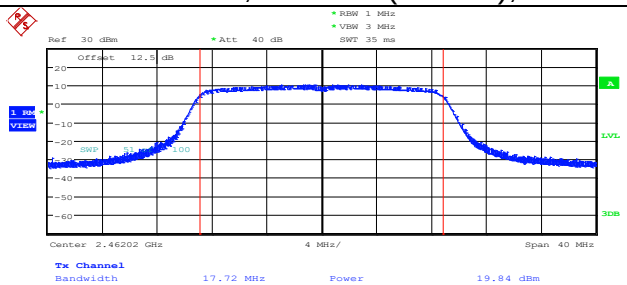
Date: 29.SEP.2021 20:36:28

2437MHz, 802.11n (VHT20),ANT 1



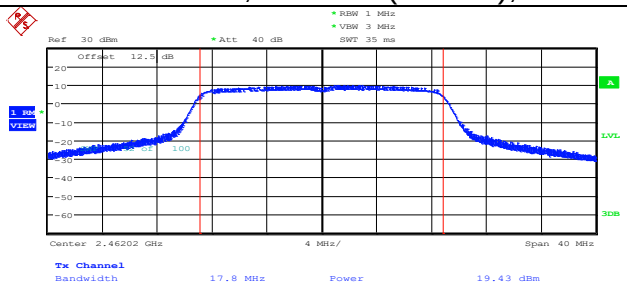
Date: 29.SEP.2021 19:05:19

2462MHz, 802.11n (VHT20),ANT 0



Date: 29.SEP.2021 20:39:41

2462MHz, 802.11n (VHT20),ANT 1

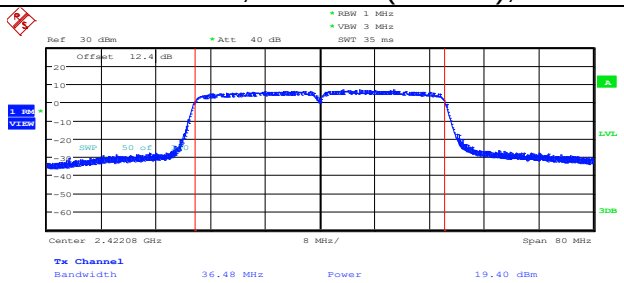


Date: 29.SEP.2021 19:08:30

802.11ac (VHT40) Mode

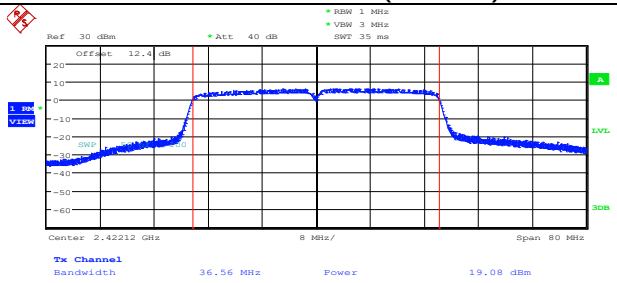
Frequency (MHz)	Measured		Duty Factor	Total Power with Duty Factor	Limit	Verdict
	ANT 0	ANT 1				
	dBm	dBm		dBm	dBm	
2422	19.40	19.04	0	22.23	30	PASS
2437	19.49	19.11	0	22.31	30	PASS
2452	19.86	19.32	0	22.61	30	PASS

2422MHz, 802.11n (VHT40),ANT 0



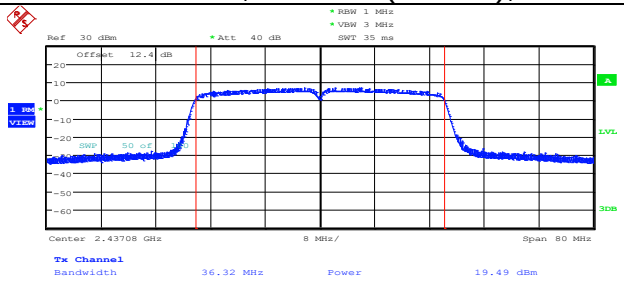
Date: 29.SEP.2021 20:43:19

2422MHz, 802.11n (VHT40),ANT 1



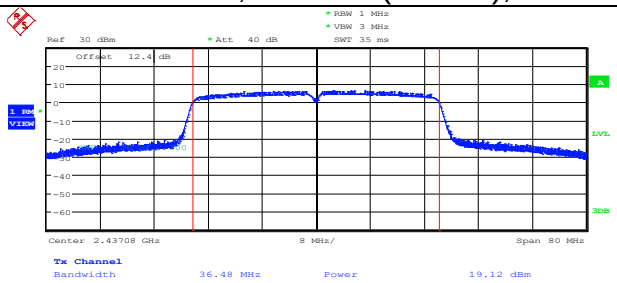
Date: 29.SEP.2021 19:11:57

2437MHz, 802.11n (VHT40),ANT 0



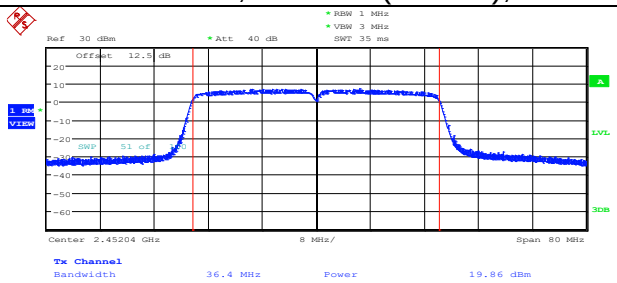
Date: 29.SEP.2021 20:47:46

2437MHz, 802.11n (VHT40),ANT 1



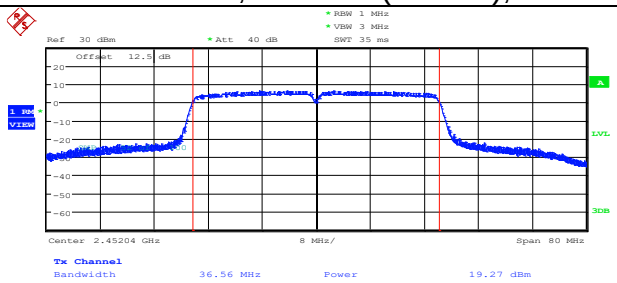
Date: 29.SEP.2021 19:16:32

2452MHz, 802.11n (VHT40),ANT 0



Date: 29.SEP.2021 20:51:35

2452MHz, 802.11n (VHT40),ANT 1

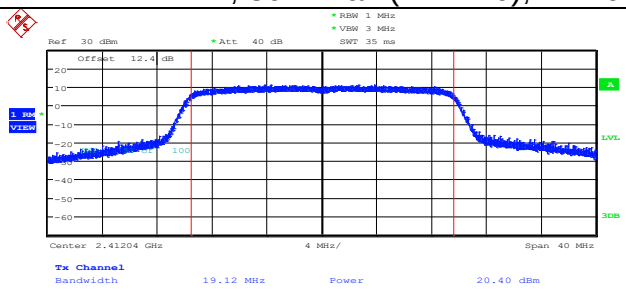


Date: 29.SEP.2021 19:21:12

802.11ax (HEW20) Mode

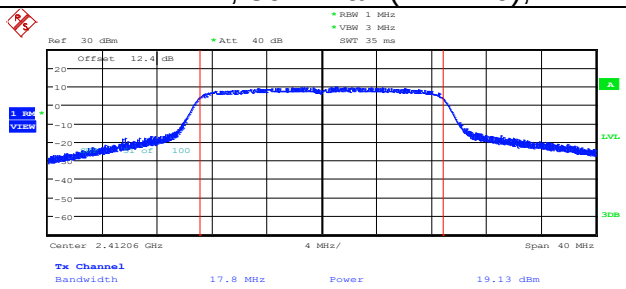
Frequency (MHz)	Measured		Duty Factor	Total Power with Duty Factor	Limit	Verdict
	ANT 0	ANT 1				
	dBm	dBm		dBm	dBm	
2412	20.40	20.08	0	23.25	30	PASS
2437	20.21	20.10	0	23.17	30	PASS
2462	20.60	20.49	0	23.56	30	PASS

2412MHz, 802.11ax (HEW20),ANT 0



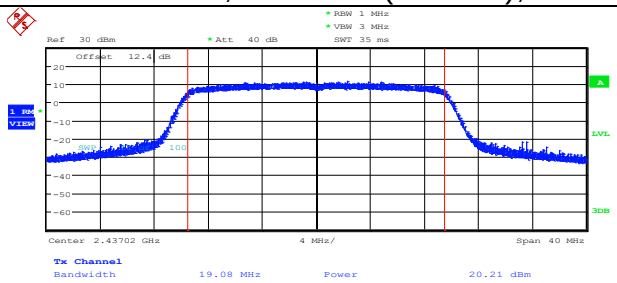
Date: 29.SEP.2021 18:09:33

2412MHz, 802.11ax (HEW20),ANT 1



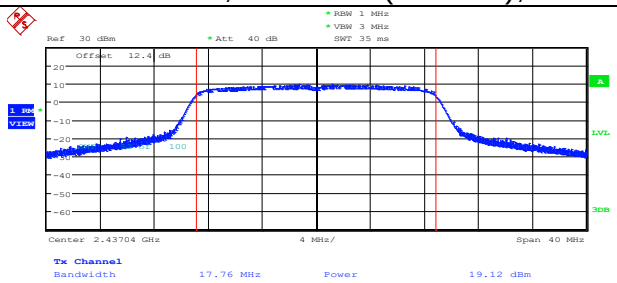
Date: 29.SEP.2021 19:28:42

2437MHz, 802.11ax (HEW20),ANT 0



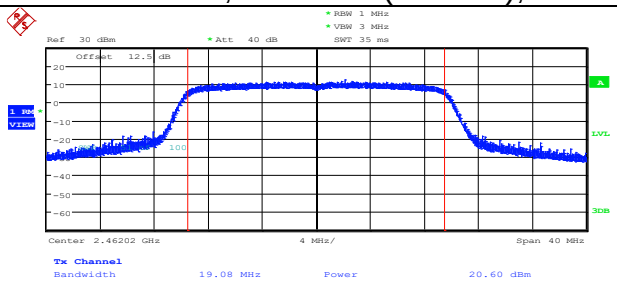
Date: 29.SEP.2021 18:13:16

2437MHz, 802.11ax (HEW20),ANT 1



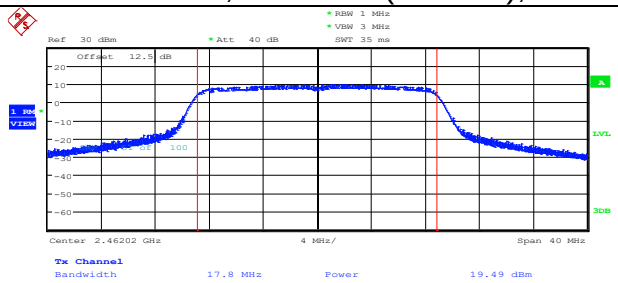
Date: 29.SEP.2021 19:32:07

2462MHz, 802.11ax (HEW20),ANT 0



Date: 29.SEP.2021 18:16:30

2462MHz, 802.11ax (HEW20),ANT 1

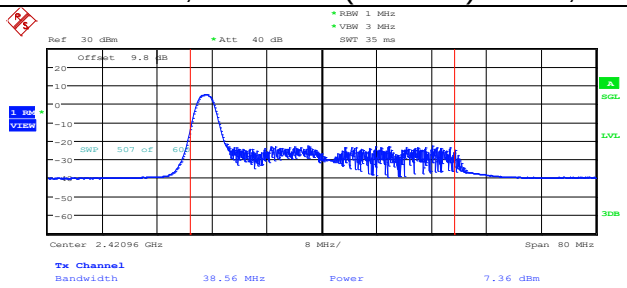


Date: 29.SEP.2021 19:35:19

802.11ax (HEW40) RU26 Mode

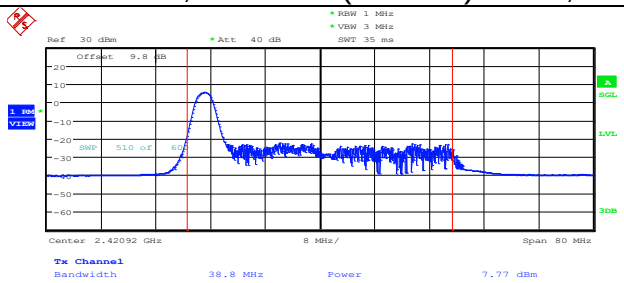
Frequency (MHz)	Measured		Duty Factor	Total Power with Duty Factor	Limit	Verdict
	ANT 0	ANT 1				
	dBm	dBm		dBm	dBm	
2422	7.36	7.77	0	10.58	30	PASS
2437	6.83	7.34	0	10.10	30	PASS
2452	7.71	7.72	0	10.73	30	PASS

2422MHz, 802.11ax (HEW40) RU26,ANT 0



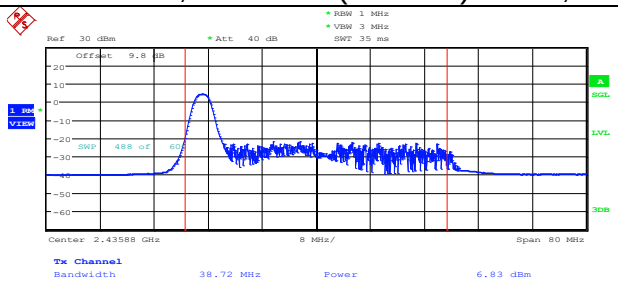
Date: 8.OCT.2021 15:50:50

2422MHz, 802.11ax (HEW40) RU26,ANT 1



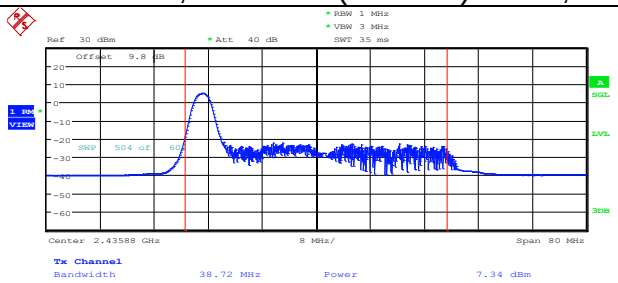
Date: 8.OCT.2021 16:06:03

2437MHz, 802.11ax (HEW40) RU26,ANT 0



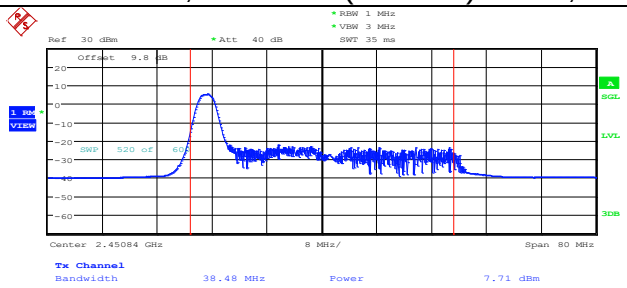
Date: 8.OCT.2021 15:55:30

2437MHz, 802.11ax (HEW40) RU26,ANT 1



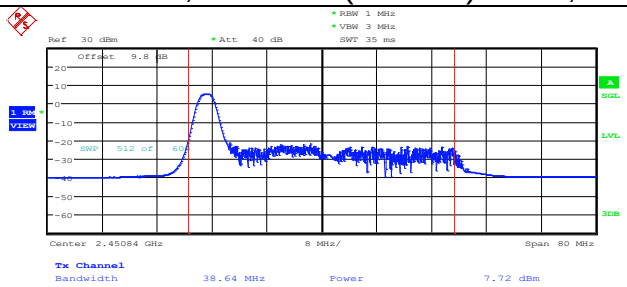
Date: 8.OCT.2021 16:10:23

2452MHz, 802.11ax (HEW40) RU26,ANT 0



Date: 8.OCT.2021 16:01:04

2452MHz, 802.11ax (HEW40) RU26,ANT 1

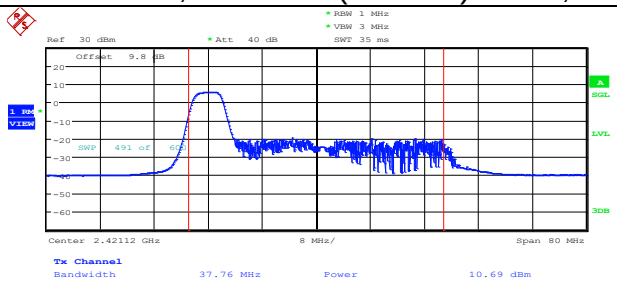


Date: 8.OCT.2021 16:15:55

802.11ax (HEW40) RU52 Mode

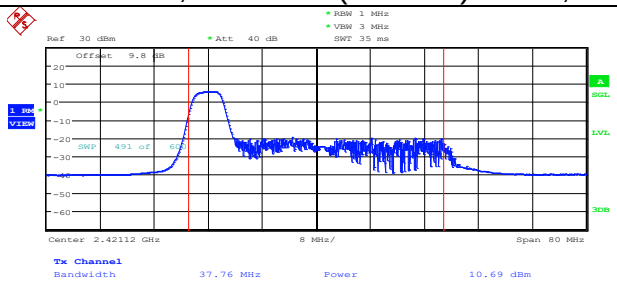
Frequency (MHz)	Measured		Duty Factor	Total Power with Duty Factor	Limit	Verdict
	ANT 0	ANT 1				
	dBm	dBm		dBm	dBm	
2422	10.69	10.36	0	13.54	30	PASS
2437	10.32	9.98	0	13.16	30	PASS
2452	10.88	10.74	0	13.82	30	PASS

2422MHz, 802.11ax (HEW40) RU52,ANT 0



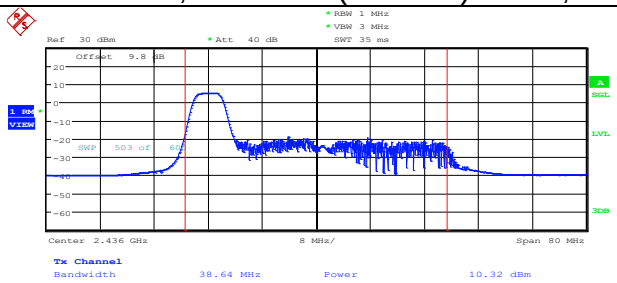
Date: 8.OCT.2021 18:02:05

2422MHz, 802.11ax (HEW40) RU52,ANT 1



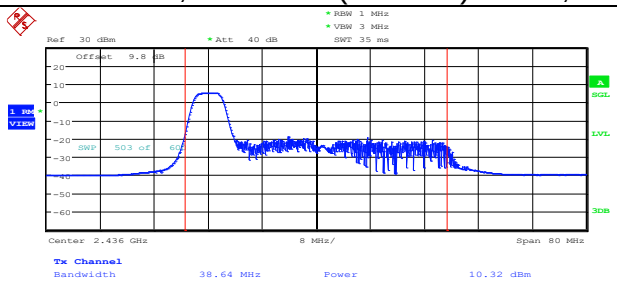
Date: 8.OCT.2021 18:02:05

2437MHz, 802.11ax (HEW40) RU52,ANT 0



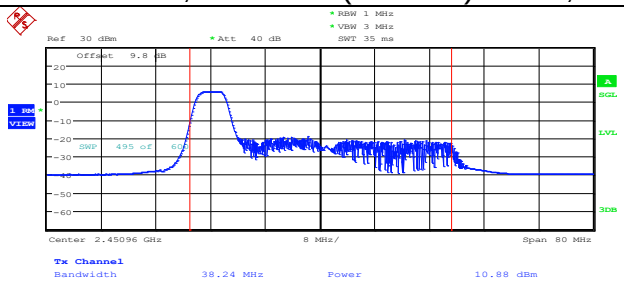
Date: 8.OCT.2021 18:05:07

2437MHz, 802.11ax (HEW40) RU52,ANT 1



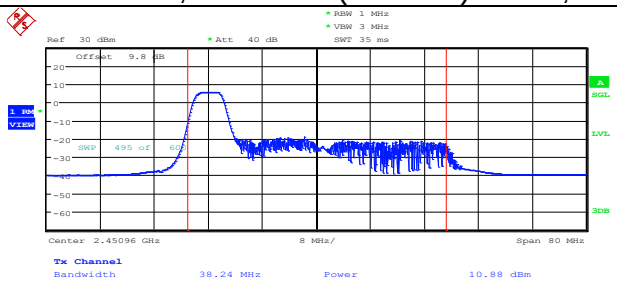
Date: 8.OCT.2021 18:05:07

2452MHz, 802.11ax (HEW40) RU52,ANT 0



Date: 8.OCT.2021 18:08:16

2452MHz, 802.11ax (HEW40) RU52,ANT 1

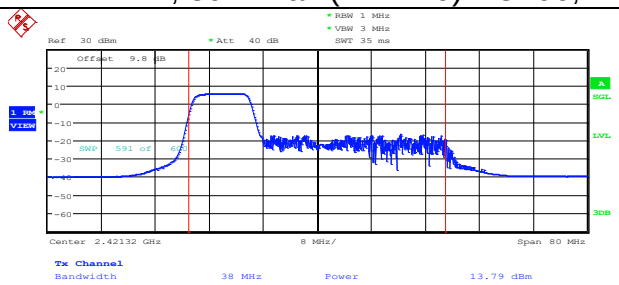


Date: 8.OCT.2021 18:08:16

802.11ax (HEW40) RU106 Mode

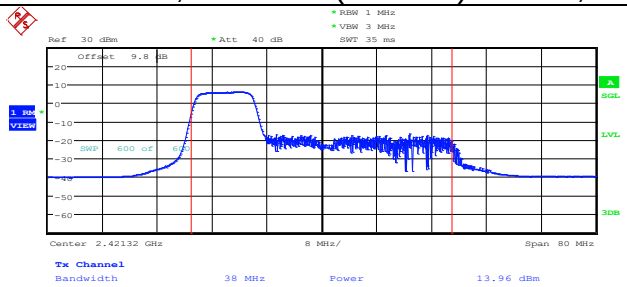
Frequency (MHz)	Measured		Duty Factor	Total Power with Duty Factor	Limit	Verdict
	ANT 0	ANT 1				
	dBm	dBm		dBm	dBm	
2422	13.79	13.96	0	16.89	30	PASS
2437	13.27	13.68	0	16.49	30	PASS
2452	14.35	14.10	0	17.24	30	PASS

2422MHz, 802.11ax (HEW40) RU106,ANT 0



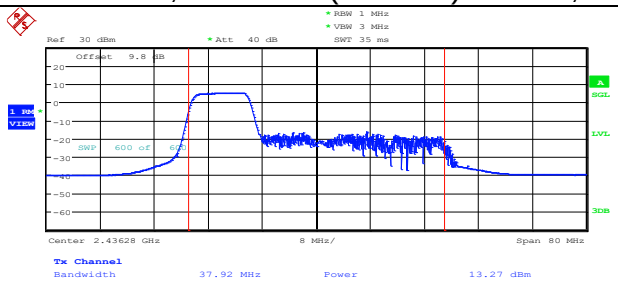
Date: 8.OCT.2021 17:16:49

2422MHz, 802.11ax (HEW40) RU106,ANT 1



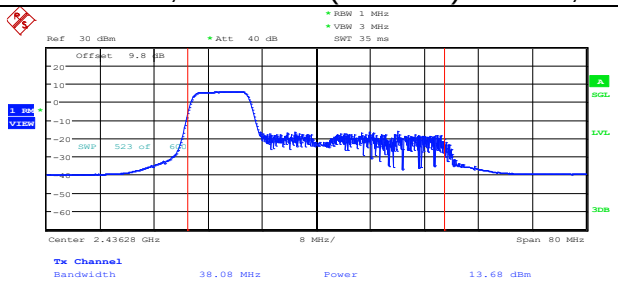
Date: 8.OCT.2021 17:38:13

2437MHz, 802.11ax (HEW40) RU106,ANT 0



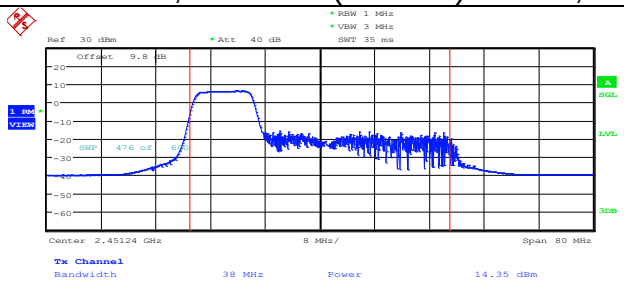
Date: 8.OCT.2021 17:20:46

2437MHz, 802.11ax (HEW40) RU106,ANT 1



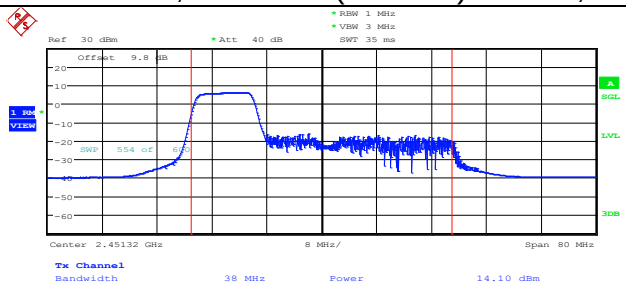
Date: 8.OCT.2021 17:48:37

2452MHz, 802.11ax (HEW40) RU106,ANT 0



Date: 8.OCT.2021 17:24:53

2452MHz, 802.11ax (HEW40) RU106,ANT 1

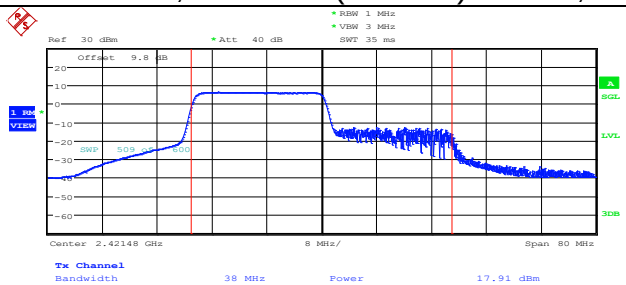


Date: 8.OCT.2021 17:58:32

802.11ax (HEW40) RU242 Mode

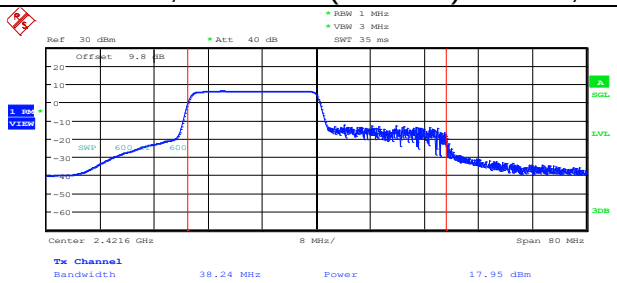
Frequency (MHz)	Measured		Duty Factor	Total Power with Duty Factor	Limit	Verdict
	ANT 0	ANT 1				
	dBm	dBm		dBm	dBm	
2422	17.91	17.95	0	20.94	30	PASS
2437	17.98	18.07	0	21.04	30	PASS
2452	18.57	18.37	0	21.48	30	PASS

2422MHz, 802.11ax (HEW40) RU242,ANT 0



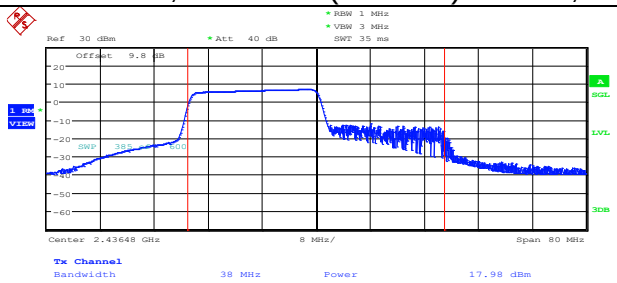
Date: 8.OCT.2021 18:18:51

2422MHz, 802.11ax (HEW40) RU242,ANT 1



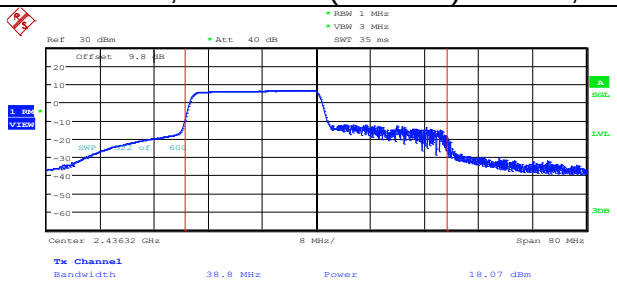
Date: 8.OCT.2021 20:09:20

2437MHz, 802.11ax (HEW40) RU242,ANT 0



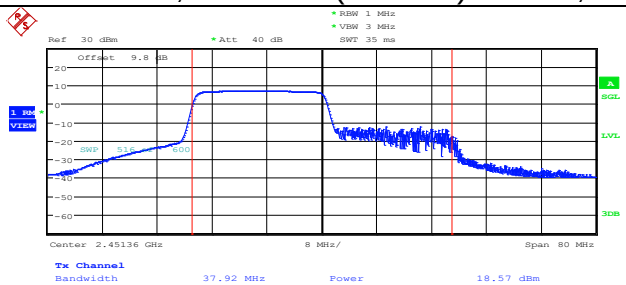
Date: 8.OCT.2021 18:24:56

2437MHz, 802.11ax (HEW40) RU242,ANT 1



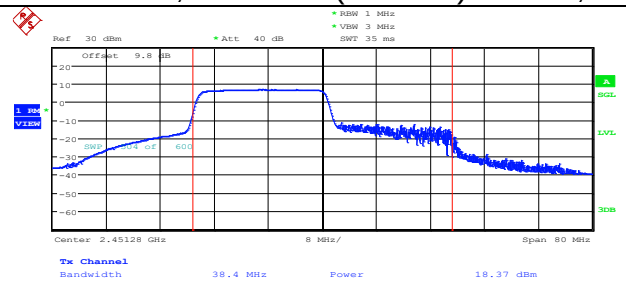
Date: 8.OCT.2021 18:39:57

2452MHz, 802.11ax (HEW40) RU242,ANT 0



Date: 8.OCT.2021 18:30:43

2452MHz, 802.11ax (HEW40) RU242,ANT 1

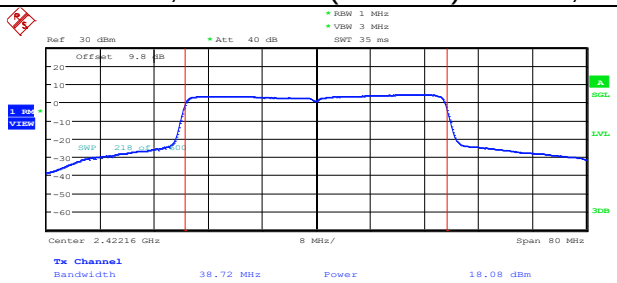


Date: 8.OCT.2021 18:44:27

802.11ax (HEW40) RU484 Mode

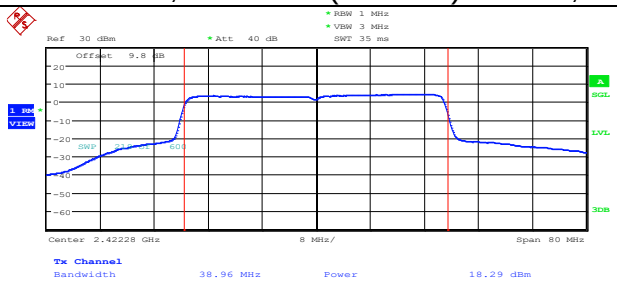
Frequency (MHz)	Measured		Duty Factor	Total Power with Duty Factor	Limit	Verdict
	ANT 0	ANT 1				
	dBm	dBm		dBm	dBm	
2422	18.29	18.08	0	21.20	30	PASS
2437	18.41	18.03	0	21.23	30	PASS
2452	18.37	18.83	0	21.62	30	PASS

2422MHz, 802.11ax (HEW40) RU484,ANT 0



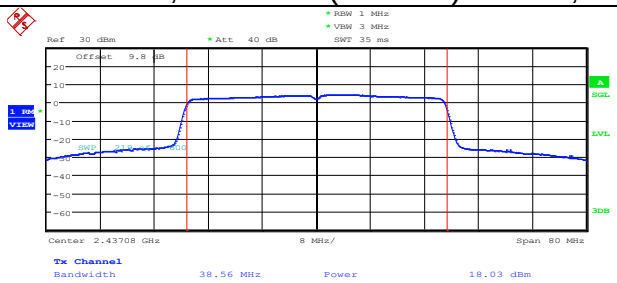
Date: 8.OCT.2021 19:36:35

2422MHz, 802.11ax (HEW40) RU484,ANT 1



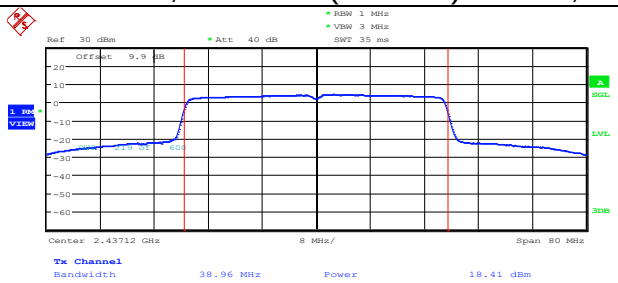
Date: 8.OCT.2021 19:56:05

2437MHz, 802.11ax (HEW40) RU484,ANT 0



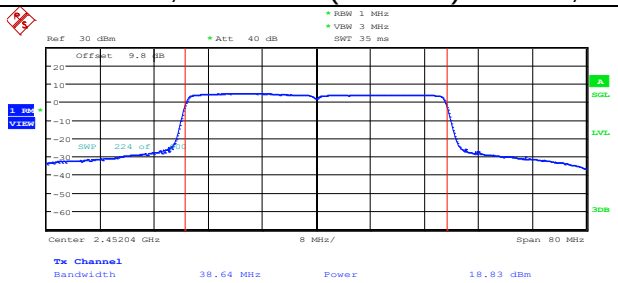
Date: 8.OCT.2021 19:39:59

2437MHz, 802.11ax (HEW40) RU484,ANT 1



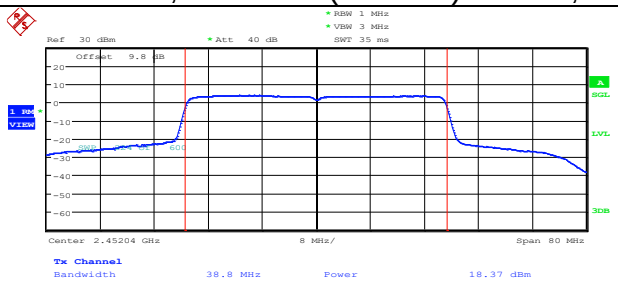
Date: 8.OCT.2021 19:59:40

2452MHz, 802.11ax (HEW40) RU484,ANT 0



Date: 8.OCT.2021 19:47:44

2452MHz, 802.11ax (HEW40) RU484,ANT 1



Date: 8.OCT.2021 20:02:47

8. MAXIMUM POWER SPECTRAL DENSITY LEVEL MEASUREMENT

8.1. LIMITS OF Maximum Power Spectral Density Level Measurement

CFR 47 (FCC) part 15.247 (e)

8.2. TEST PROCEDURE

ANSI C63.10-2013 Clause 11.10
The transmitter output was connected to the spectrum analyzer.
a)Set analyzer center frequency to DTS channel center frequency.
b) Set the span to 1.5 times the DTS bandwidth.
c) Set RBW to：3kHz≤RBW≤100 kHz.
d) Set VBW ≥ 3 x RBW.
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 amplitude level within the RBW.
j)If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

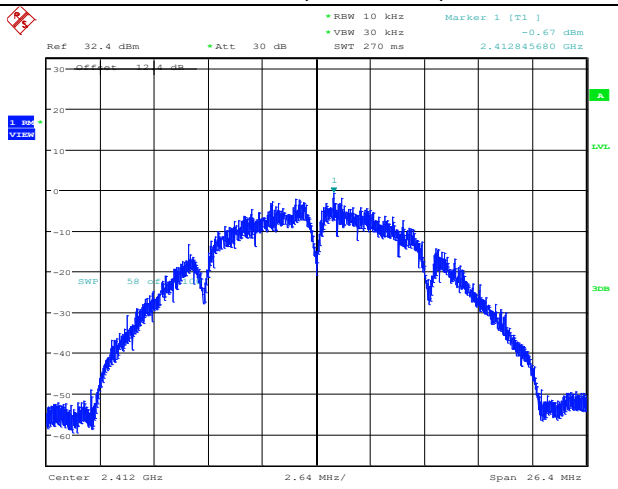
8.3. TEST DATA

Maximum Power Spectral Density Level

802.11b Mode

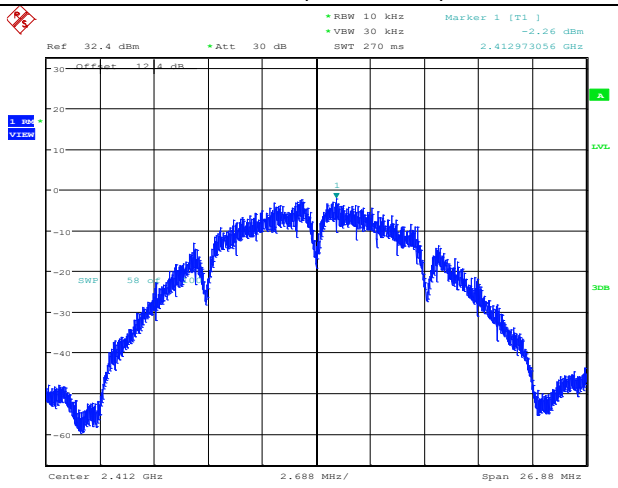
Frequency (MHz)	Measured		Duty Factor	Limit	Verdict
	ANT 0	ANT 1			
	dBm	dBm		dBm	
2412	-0.67	-2.26	0	8	PASS
2437	-1.46	-0.69	0	8	PASS
2462	-0.94	-1.16	0	8	PASS

2412MHz, 802.11b,ANT 0



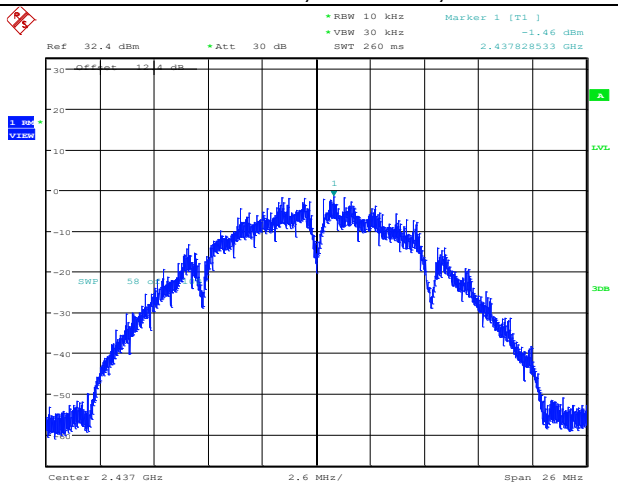
Date: 29.SEP.2021 16:28:36

2412MHz, 802.11b,ANT 1



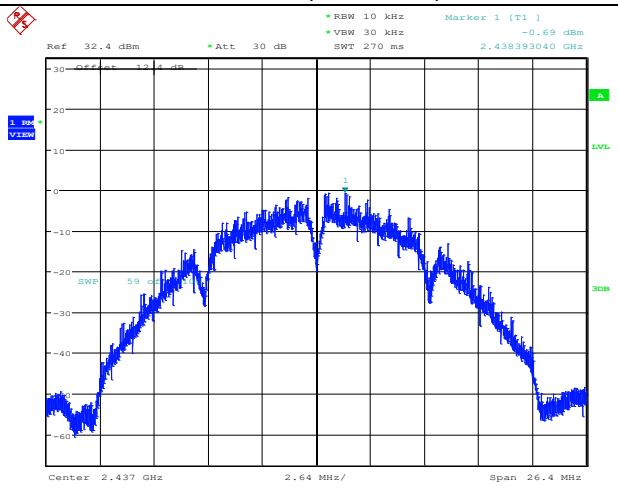
Date: 29.SEP.2021 18:22:02

2437MHz, 802.11b,ANT 0



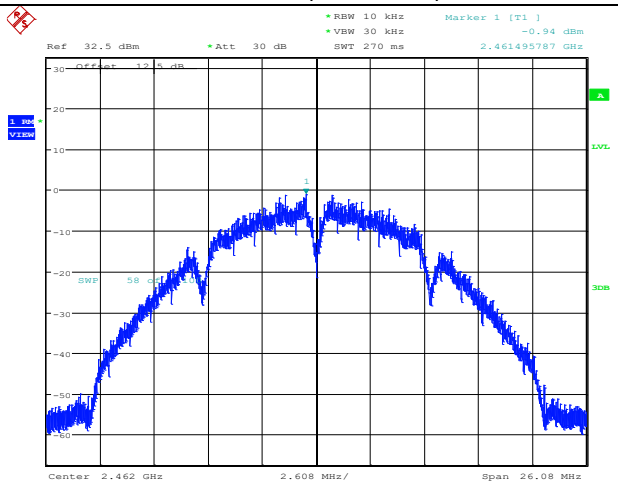
Date: 29.SEP.2021 16:31:54

2437MHz,802.11b,ANT 1



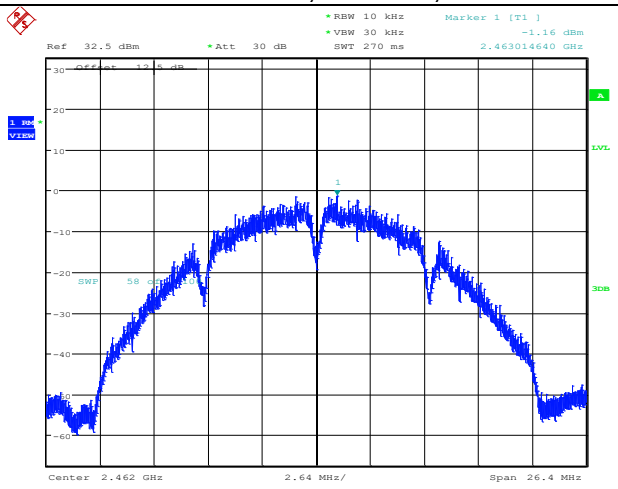
Date: 29.SEP.2021 18:29:40

2462MHz,802.11b,ANT 0



Date: 29.SEP.2021 16:37:29

2462MHz,802.11b,ANT 1

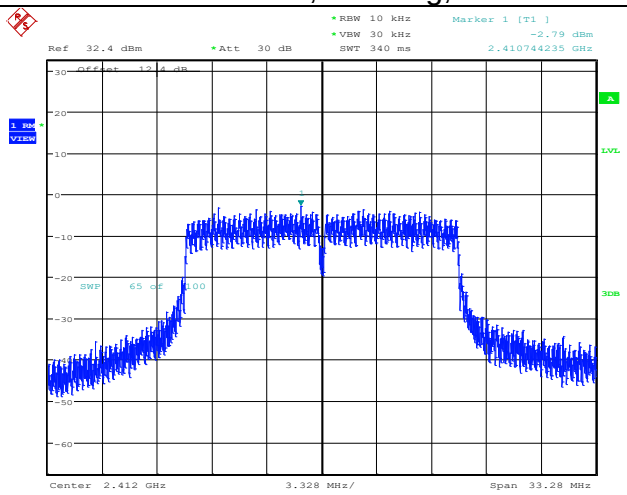


Date: 29.SEP.2021 18:41:30

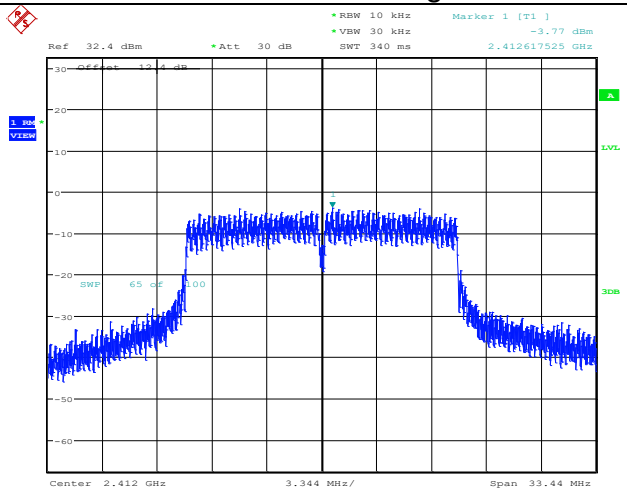
802.11g Mode

Frequency (MHz)	Measured		Duty Factor	Limit	Verdict
	ANT 0	ANT 1			
	dBm	dBm		dBm	
2412	-2.79	-3.77	0	8	PASS
2437	-3.41	-3.31	0	8	PASS
2462	-2.6	-2.67	0	8	PASS

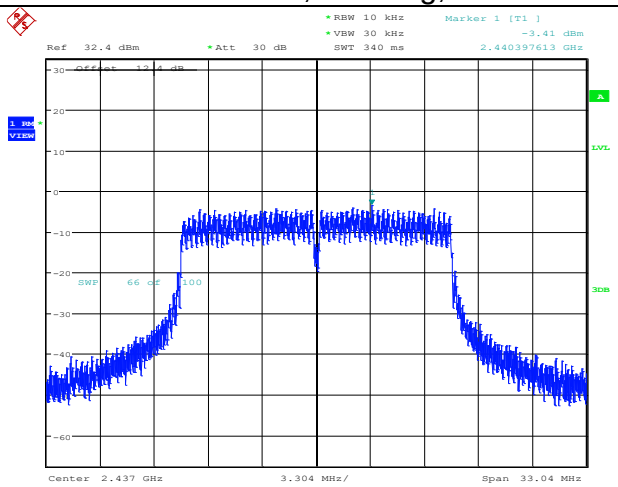
2412MHz, 802.11g,ANT 0



2412MHz, 802.11g,ANT 1

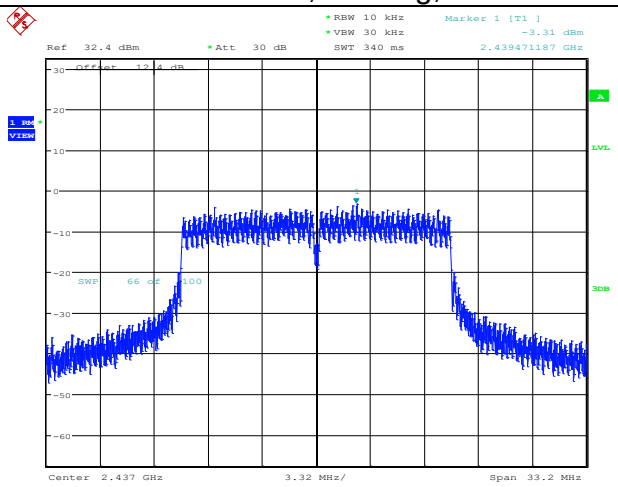


2437MHz, 802.11g,ANT 0



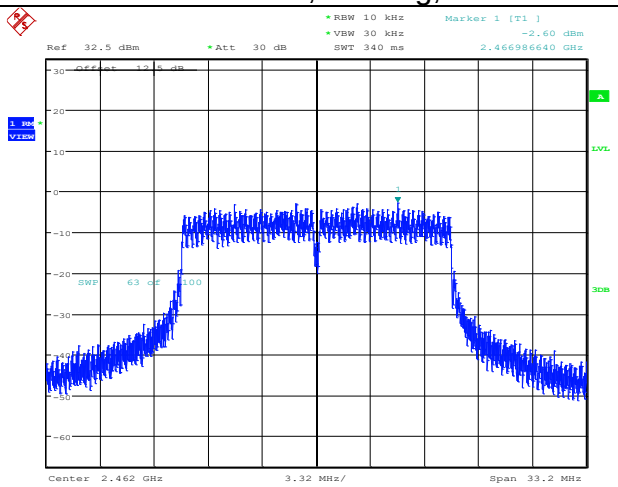
Date: 29.SEP.2021 16:46:18

2437MHz,802.11g,ANT 1

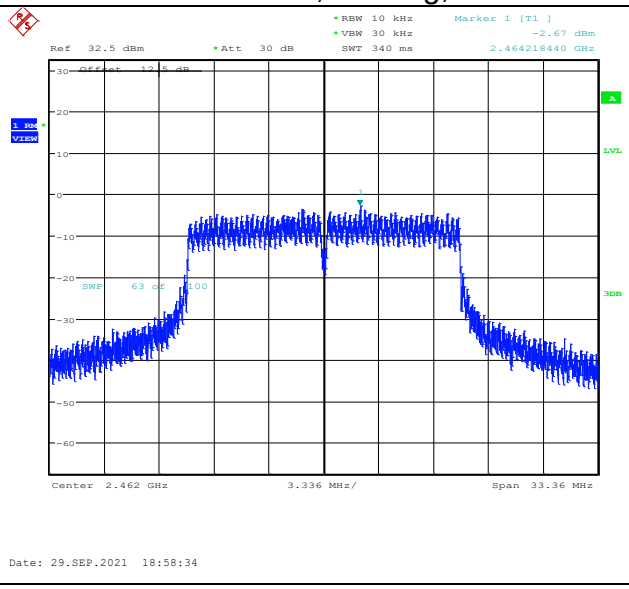


Date: 29.SEP.2021 18:54:34

2462MHz,802.11g,ANT 0

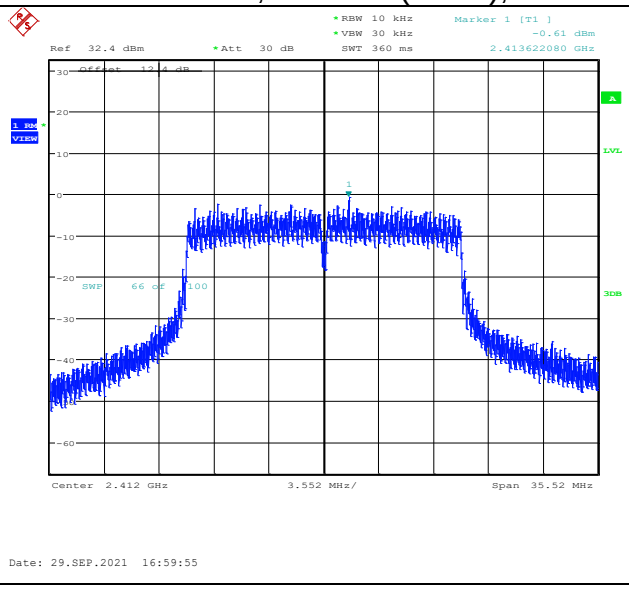


Date: 29.SEP.2021 16:54:52

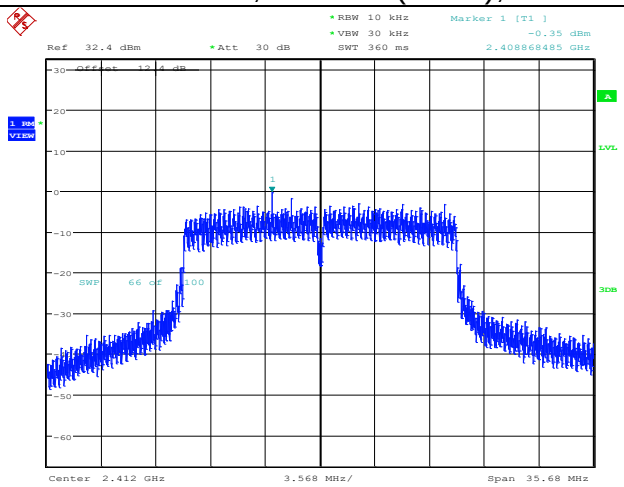
2462MHz,802.11g,ANT 1


802.11n (HT20) Mode

Frequency (MHz)	Measured		Duty Factor	Total PSD with Duty Factor	Limit	Verdict
	ANT 0	ANT 1				
	dBm	dBm		dBm	dBm	
2412	-0.61	-0.35	0	2.53	8	PASS
2437	-1.67	-0.86	0	1.76	8	PASS
2462	-1.12	-0.33	0	2.30	8	PASS

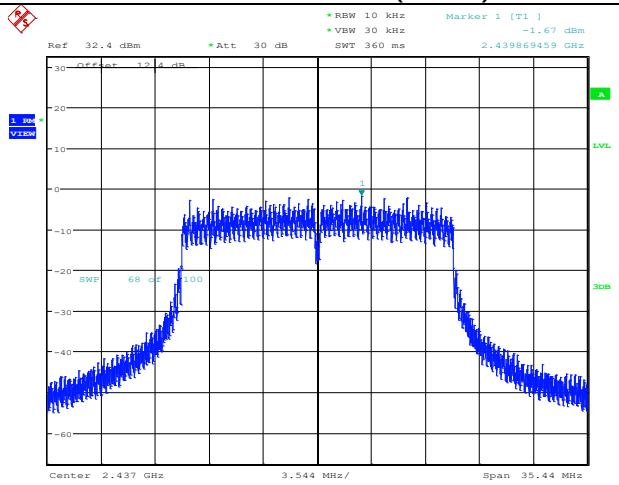
2412MHz, 802.11n (HT20),ANT 0


2412MHz, 802.11n (HT20),ANT 1



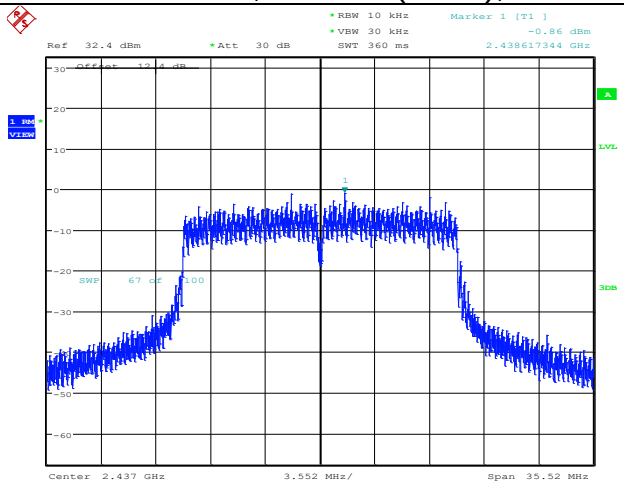
Date: 29.SEP.2021 19:02:30

2437MHz, 802.11n (HT20),ANT 0

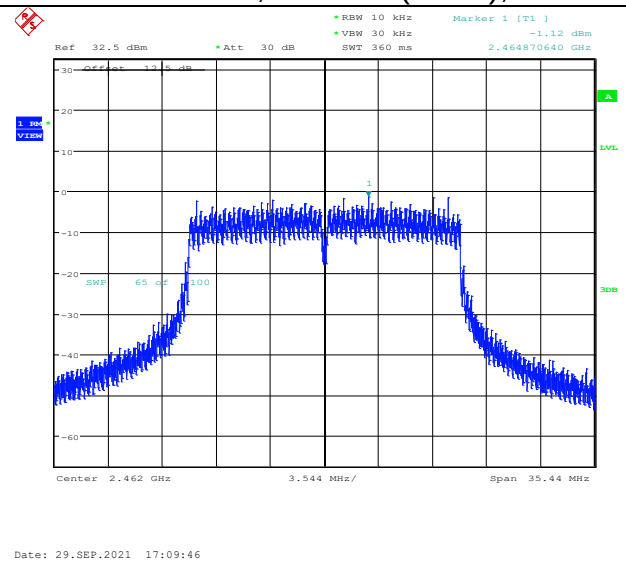


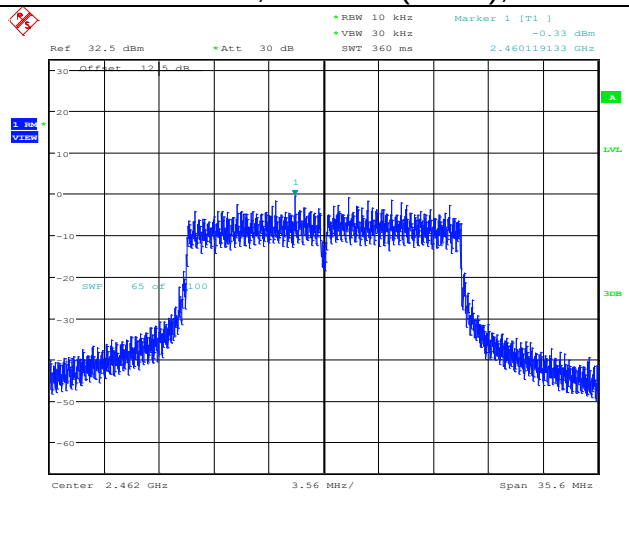
Date: 29.SEP.2021 17:06:48

2437MHz, 802.11n (HT20),ANT 1



Date: 29.SEP.2021 19:06:13

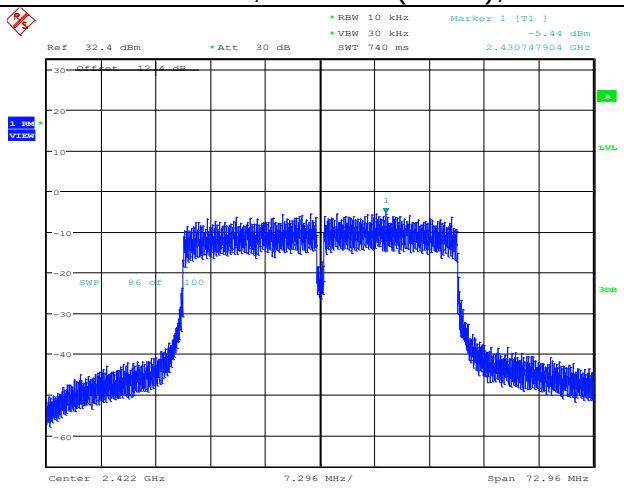
2462MHz, 802.11n (HT20),ANT 0


2462MHz, 802.11n (HT20),ANT 1


802.11n (HT40) Mode

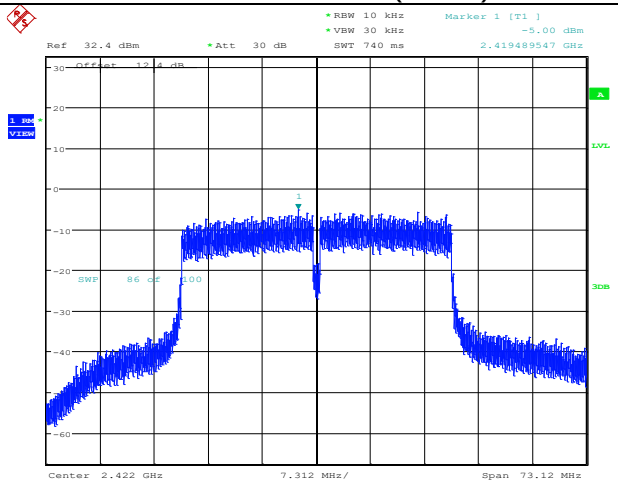
Frequency (MHz)	Measured		Duty Factor	Total PSD with Duty Factor	Limit	Verdict
	ANT 0	ANT 1				
	dBm	dBm		dBm	dBm	
2422	-5.44	-5	0	-2.20	8	PASS
2437	-5.01	-4.99	0	-1.99	8	PASS
2452	-4.61	-5.44	0	-1.99	8	PASS

2422MHz, 802.11n (HT40),ANT 0



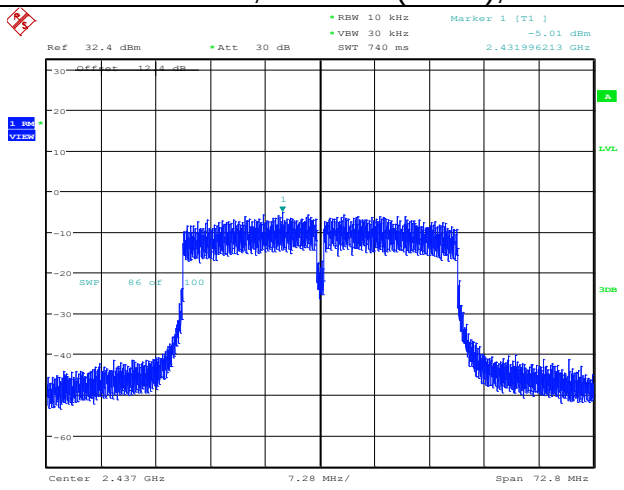
Date: 29.SEP.2021 17:55:08

2422MHz, 802.11n (HT40),ANT 1



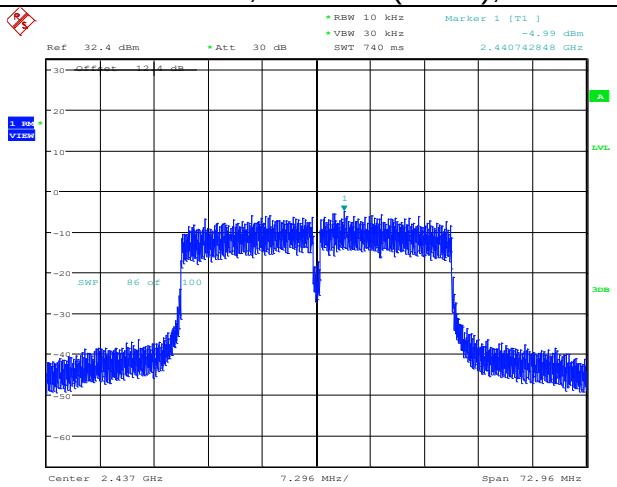
Date: 29.SEP.2021 19:13:41

2437MHz, 802.11n (HT40),ANT 0



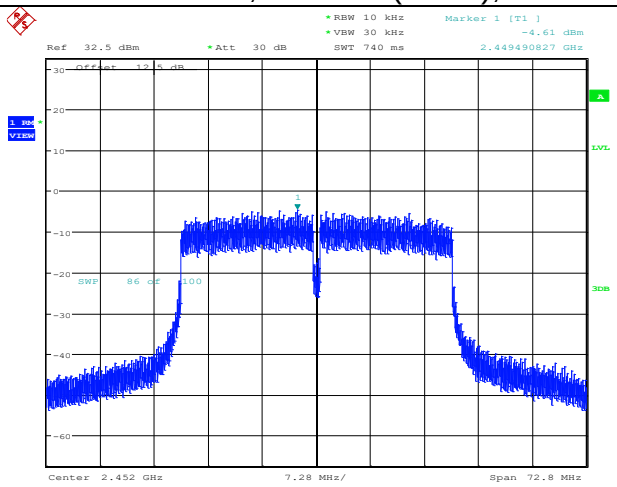
Date: 29.SEP.2021 17:59:47

2437MHz, 802.11n (HT40),ANT 1



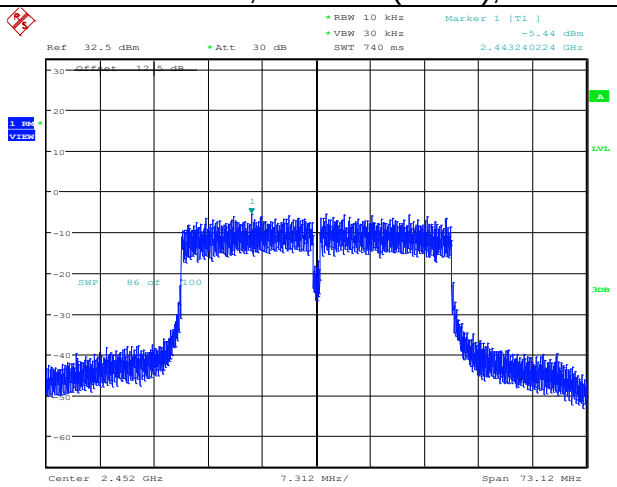
Date: 29.SEP.2021 19:18:15

2452MHz, 802.11n (HT40),ANT 0



Date: 29.SEP.2021 18:03:52

2452MHz, 802.11n (HT40),ANT 1

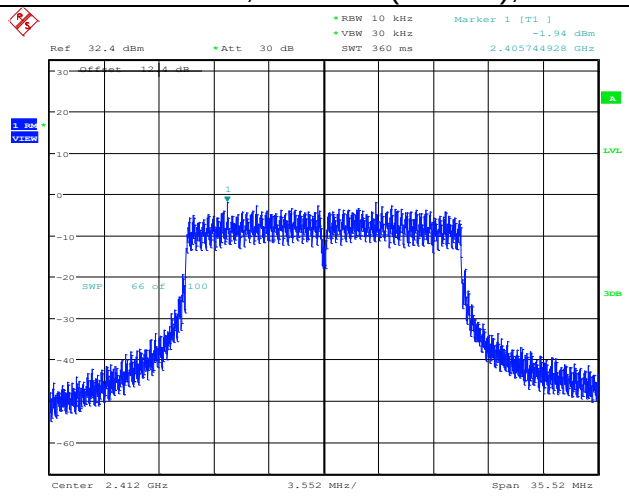


Date: 29.SEP.2021 19:22:56

802.11ac (VHT20) Mode

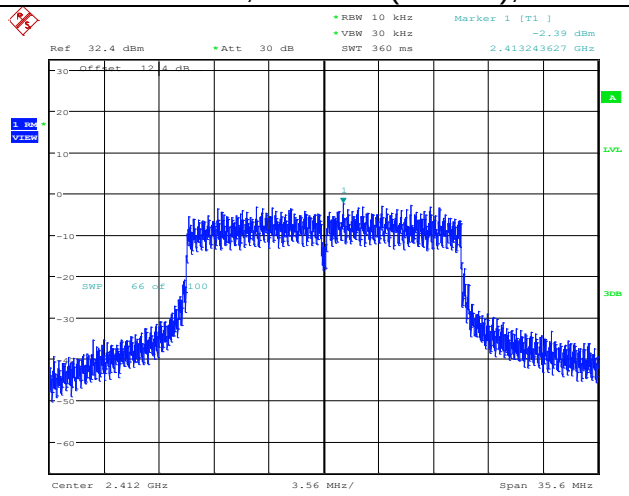
Frequency (MHz)	Measured		Duty Factor	Total PSD with Duty Factor	Limit	Verdict
	ANT 0	ANT 1				
	dBm	dBm		dBm	dBm	
2412	-1.94	-2.39	0	0.85	8	PASS
2437	-2.1	-2.52	0	0.71	8	PASS
2462	-0.79	-2.4	0	1.49	8	PASS

2412MHz, 802.11n (VHT20),ANT 0



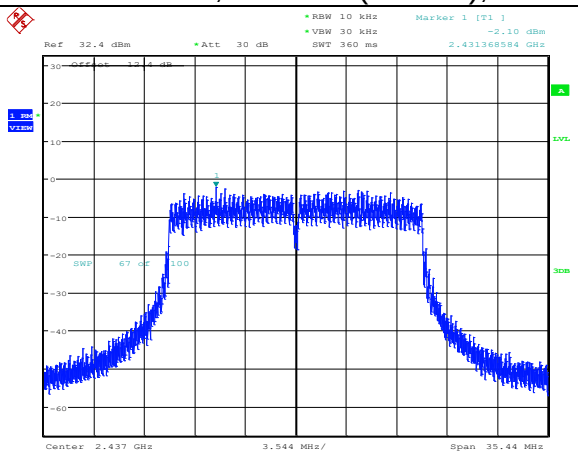
Date: 29.SEP.2021 20:33:26

2412MHz, 802.11n (VHT20),ANT 1



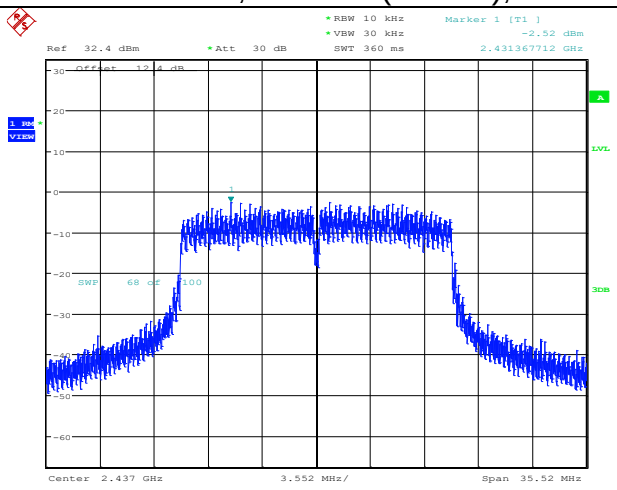
Date: 29.SEP.2021 19:29:37

2437MHz, 802.11n (VHT20),ANT 0



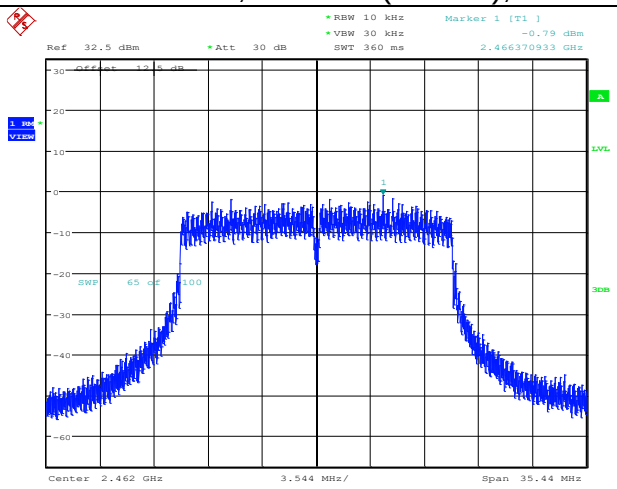
Date: 29.SEP.2021 20:37:22

2437MHz, 802.11n (VHT20),ANT 1

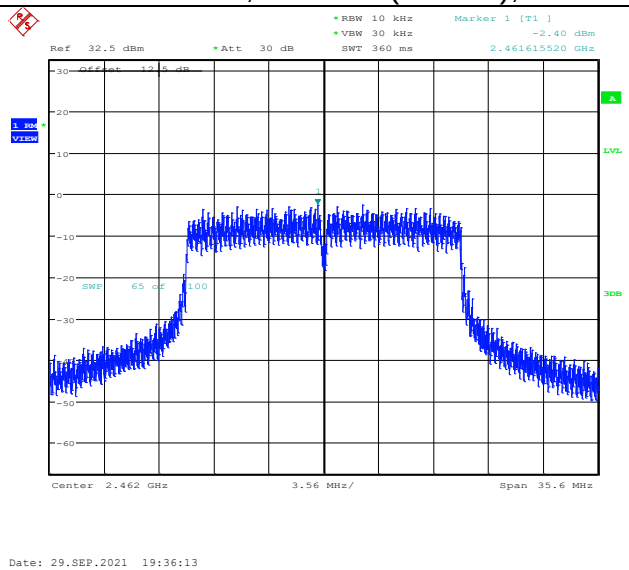


Date: 29.SEP.2021 19:33:02

2462MHz, 802.11n (VHT20),ANT 0

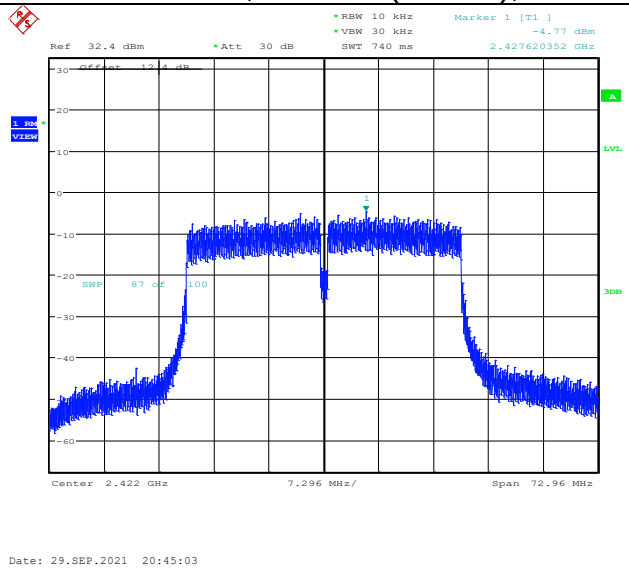


Date: 29.SEP.2021 20:40:36

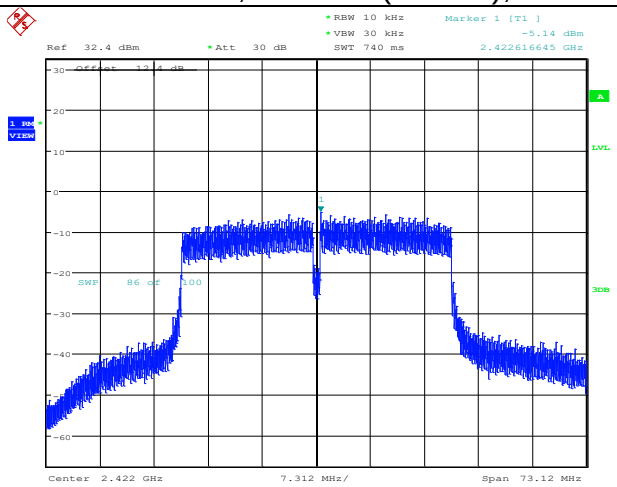
2462MHz, 802.11n (VHT20),ANT 1


802.11ac (VHT40) Mode

Frequency (MHz)	Measured		Duty Factor	Total PSD with Duty Factor	Limit	Verdict
	ANT 0	ANT 1				
	dBm	dBm		dBm	dBm	
2422	-4.77	-5.14	0	-1.94	8	PASS
2437	-5.42	-5.04	0	-2.22	8	PASS
2452	-3.92	-4.73	0	-1.30	8	PASS

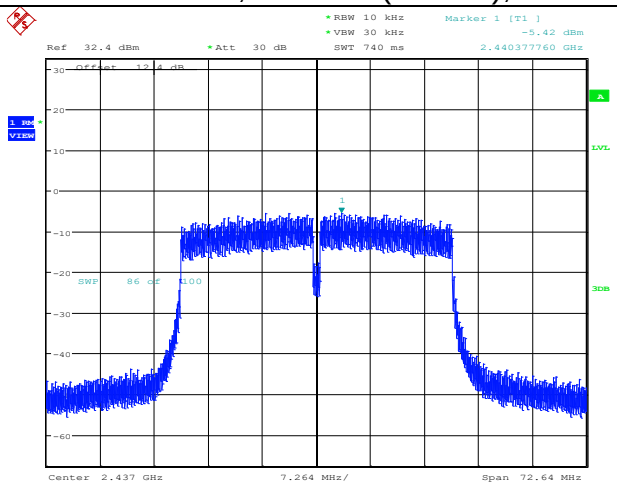
2422MHz, 802.11n (VHT40),ANT 0


2422MHz, 802.11n (VHT40),ANT 1



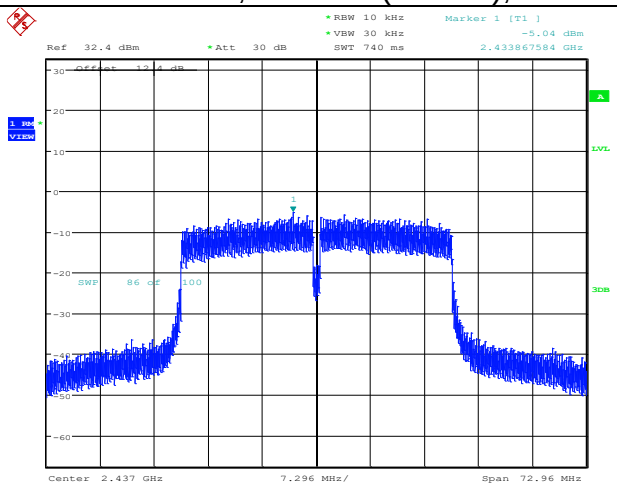
Date: 29.SEP.2021 19:40:26

2437MHz, 802.11n (VHT40),ANT 0



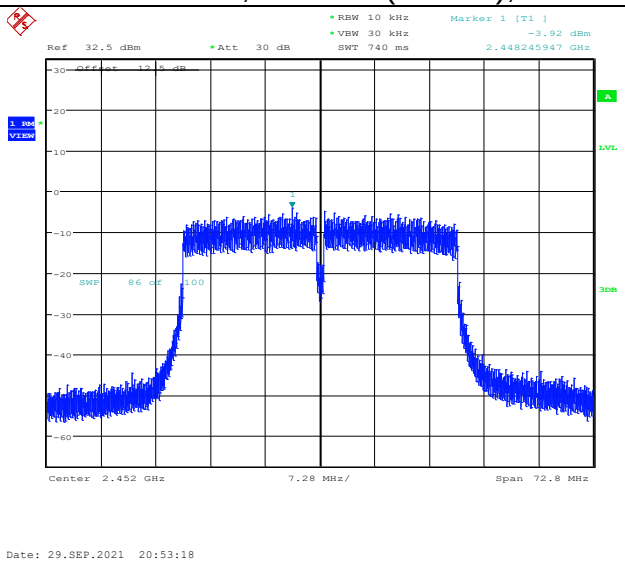
Date: 29.SEP.2021 20:49:30

2437MHz, 802.11n (VHT40),ANT 1

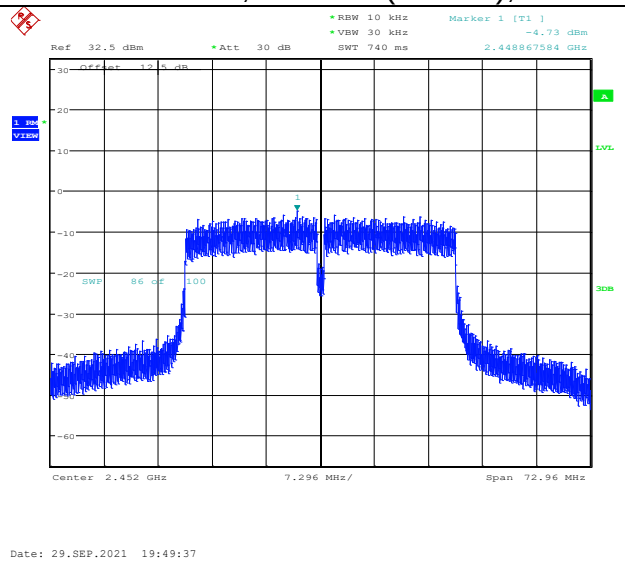


Date: 29.SEP.2021 19:45:14

2452MHz, 802.11n (VHT40),ANT 0



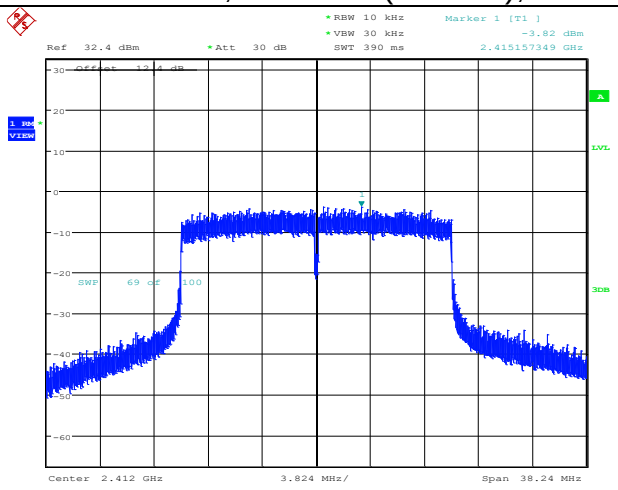
2452MHz, 802.11n (VHT40),ANT 1



802.11ax (HEW20) Mode

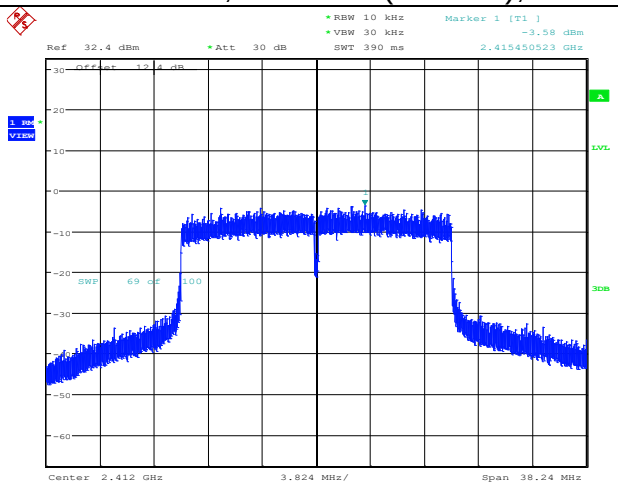
Frequency (MHz)	Measured		Duty Factor	Total PSD with Duty Factor	Limit	Verdict
	ANT 0	ANT 1				
	dBm	dBm		dBm	dBm	
2412	-3.82	-3.58	0	-0.69	8	PASS
2437	-3.35	-3.81	0	-0.56	8	PASS
2462	-2.71	-2.6	0	0.36	8	PASS

2412MHz, 802.11ax (HEW20),ANT 0



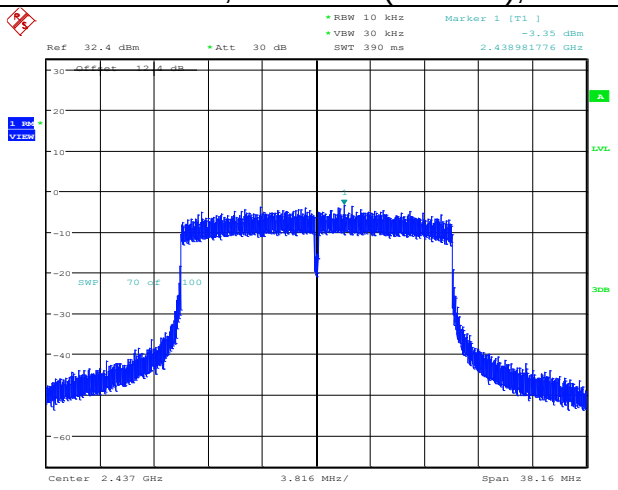
Date: 29.SEP.2021 18:10:31

2412MHz, 802.11ax (HEW20),ANT 1



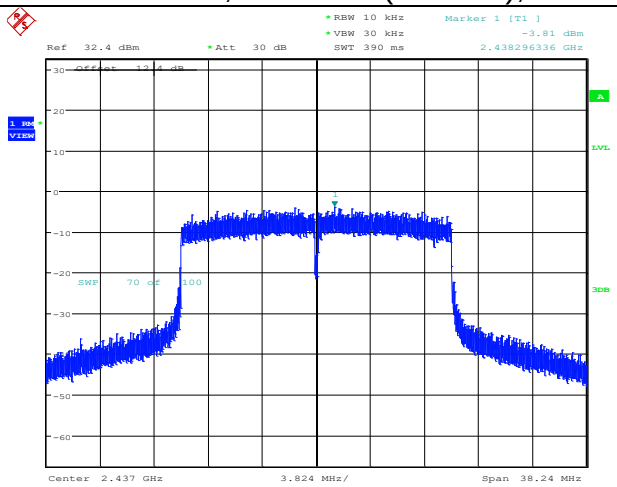
Date: 29.SEP.2021 19:54:48

2437MHz, 802.11ax (HEW20),ANT 0



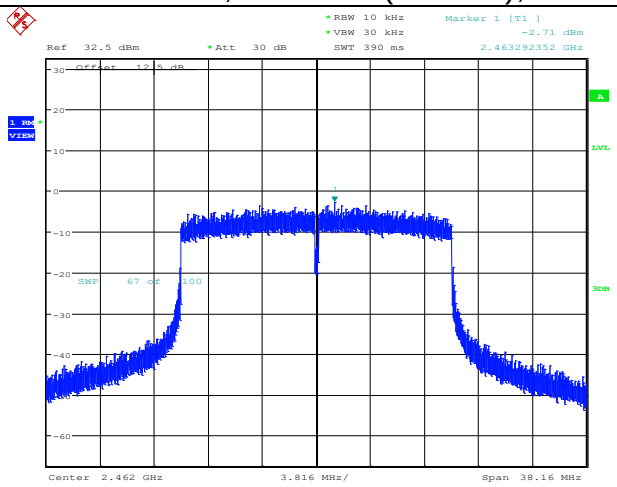
Date: 29.SEP.2021 18:14:14

2437MHz, 802.11ax (HEW20),ANT 1



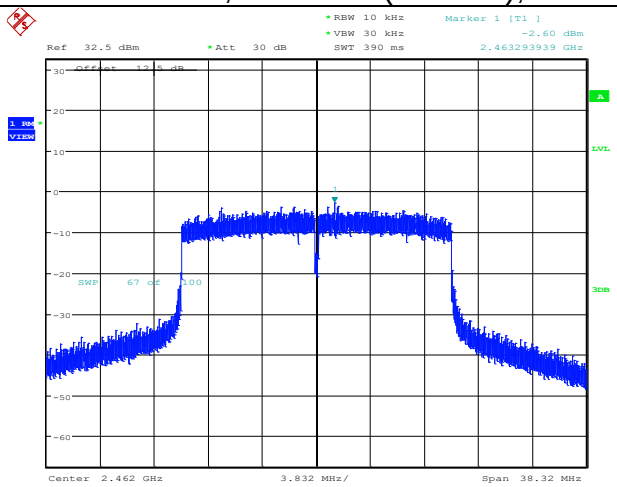
Date: 29.SEP.2021 19:58:03

2462MHz, 802.11ax (HEW20),ANT 0



Date: 29.SEP.2021 18:17:28

2462MHz, 802.11ax (HEW20),ANT 1

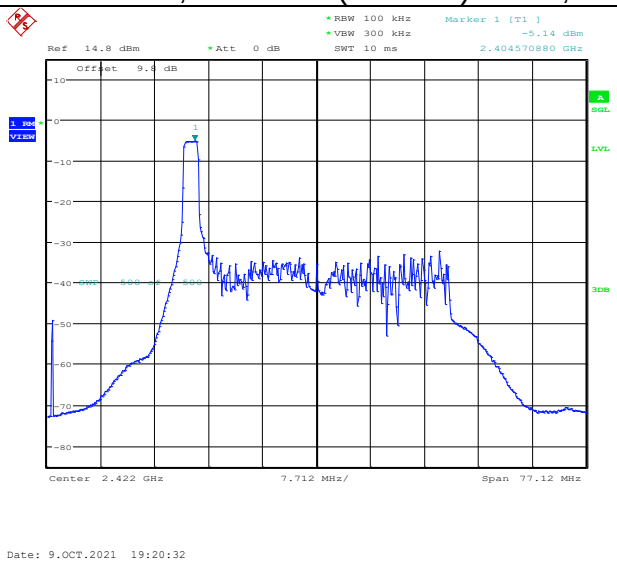


Date: 29.SEP.2021 20:01:18

802.11ax (HEW40) RU26 Mode

Frequency (MHz)	Measured		Duty Factor	Total PSD with Duty Factor	Limit	Verdict
	ANT 0	ANT 1				
	dBm	dBm		dBm	dBm	
2422	-5.14	-6.12	0	-2.59	8	PASS
2437	-5.6	-6.45	0	-2.99	8	PASS
2452	-4.1	-5.23	0	-1.62	8	PASS

2422MHz, 802.11ax (HEW40) RU26,ANT 0



2422MHz, 802.11ax (HEW40) RU26,ANT 1