

FCC TEST REPORT

For

Mobile Phone

Model Number: RMX3370

FCC ID: 2AUYFRMX3370

Report Number : WT218002354

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 E 15.407 (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 and 15.407.

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


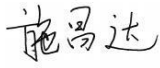
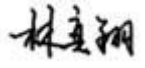
Project Engineer:	 _____ (Zhou Fangai 周芳媛)	Date:	<u>Oct.12, 2021</u>
Checked by:	 _____ (Shi Changda 施昌达)	Date:	<u>Oct.12, 2021</u>
Approved by:	 _____ (Lin Yixiang 林奕翔)	Date:	<u>Oct.12, 2021</u>

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1. TEST RESULTS SUMMARY

Table 1 Test Results Summary

Test Items	FCC Rules	Test Results
6dB Bandwidth	FCC §15.407 (e)	Pass
26dB Bandwidth	FCC §15.407 (a)	Pass
Maximum Peak Conducted Power	FCC §15.407 (a)	Pass
Maximum Power Spectral Density Level	FCC §15.407 (a)	Pass
Radiated Bandedge and Spurious	15.407 (b) 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 : U-NII 1(5180~5240 MHz)
 U-NII 2A(5260~5320 MHz)
 U-NII 2C(5500~5700 MHz)
 U-NII 3(5745~5825 MHz)
 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.

Frequency List:

Band 1		Band 2A		Band 2C		Band 3	
Ch.	Frequency (MHz)	Ch.	Frequency (MHz)	Ch.	Frequency (MHz)	Ch.	Frequency (MHz)
36	5180	52	5260	100	5500	149	5745
40	5200	56	5280	104	5520	153	5765
44	5220	60	5300	108	5540	157	5785
48	5240	64	5320	112	5560	161	5805
				116	5580	165	5825
				120	5600		
				124	5620		
				128	5640		
				132	5660		
				136	5680		
				140	5700		

Table 2 802.11a/802.11n/802.11ac/802.11ax (20MHz) Frequency /Channel operations

Band 1		Band 2A		Band 2C		Band 3	
Ch.	Frequency (MHz)	Ch.	Frequency (MHz)	Ch.	Frequency (MHz)	Ch.	Frequency (MHz)
38	5190	54	5270	102	5510	151	5755
46	5230	62	5310	110	5550	159	5795
				118	5590		
				126	5630		
				134	5670		

Table 3 802.11n/802.11ac/802.11ax (40MHz BW) Frequency /Channel operations

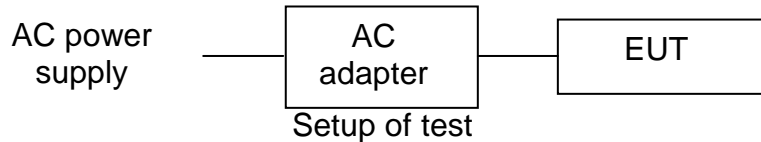
Band 1		Band 2A		Band 2C		Band 3	
Ch.	Frequency (MHz)	Ch.	Frequency (MHz)	Ch.	Frequency (MHz)	Ch.	Frequency (MHz)
42	5210	58	5290	106	5530	155	5775
				122	5610		

Table 4 802.11ac/802.11ax (80MHz) BW Frequency /Channel operations

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, 15.407 of the FCC Part 15, Subpart E .

3.3. Block Diagram of EUT Configuration



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:

802.11a mode: 6 Mbps

802.11n HT20 mode: MCS0

802.11n HT40 mode: MCS0

802.11ac VHT20 mode: MCS0

802.11ac VHT40 mode: MCS0

802.11ac VHT80 mode: MCS0

802.11ax HEW20 mode: MCS0

802.11ax HEW40 mode: MCS0

802.11ax HEW80 mode: MCS0

802.11a operates in SISO mode. For SISO conducted measurements, the modes tested in this report will be considered as a worst case mode.

802.11n operate in SISO/MIMO mode. For SISO/MIMO conducted measurements, the modes tested in this report will be considered as a worst case mode.

802.11ac operate in SISO/MIMO mode. For SISO/MIMO conducted measurements, the modes tested in this report will be considered as a worst case mode.

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)
802.11a	support	No support
802.11n HT20	support	support
802.11n HT40	support	support
802.11ac VHT20	support	support
802.11ac VHT40	support	support
802.11ac VHT80	support	support
802.11ax HEW20	support	support
802.11ax HEW40	support	support
802.11ax HEW80	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 5 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.12, 2021

Date of EUT Receive : Aug.12, 2021

Temperature: 20°C-25°C

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 6 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
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
SB9962	Fully Anechoic Chamber	SAEMC	7.7*4.0*3.4(m)	Jan.04, 2021	1 Year

Table 7 Test software

Name	Manufacturer	Version
Bluetooth and WiFi Test System	Shenzhen JS tonscond co.,ltd	2.6.77.0518

5. DUTY CYCLE

5.1.Limits of Duty Cycle

None; for reporting purposes only

5.2.Test Procedure

1. Set span = Zero
2. RBW = 20MHz
3. VBW = 30MHz,
4. Detector = Peak

5.3.Test Setup

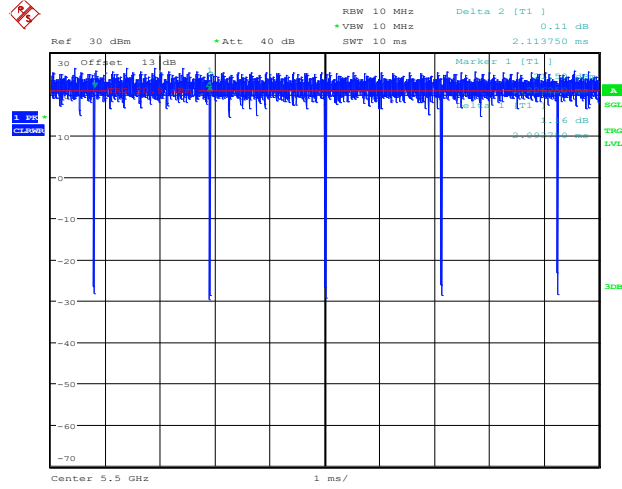


5.4.Test Data

Table 8 Duty Cycle Test Data

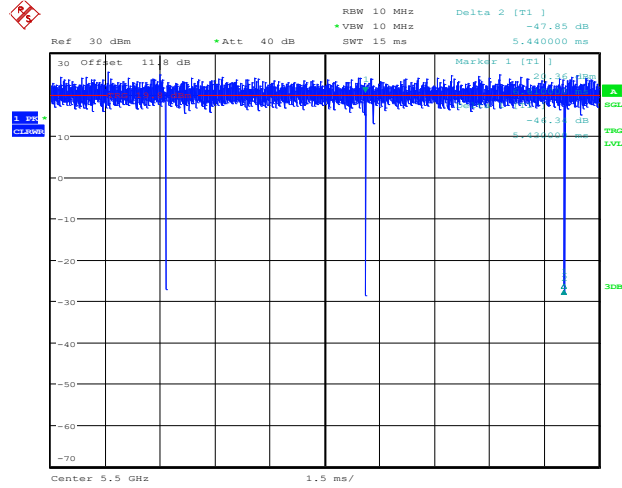
Test Mode	On Time (ms)	Duty Cycle (%)	Duty Factor	1/T Minimum VBW (kHz)
802.11a	2.09	99.05	0.04	0.01
802.11n HT20	5.43	99.82	0	0.01
802.11n HT40	5.43	99.63	0.02	0.01
802.11ac VHT20	5.43	99.82	0	0.01
802.11ac VHT40	5.43	99.82	0	0.01
802.11ac VHT80	5.43	99.82	0	0.01
802.11ax HEW20	5.43	99.63	0.02	0.01
802.11ax HEW40	5.43	99.63	0.02	0.01
802.11ax HEW80	4.73	99.58	0.02	0.01

802.11a_5500 MHz



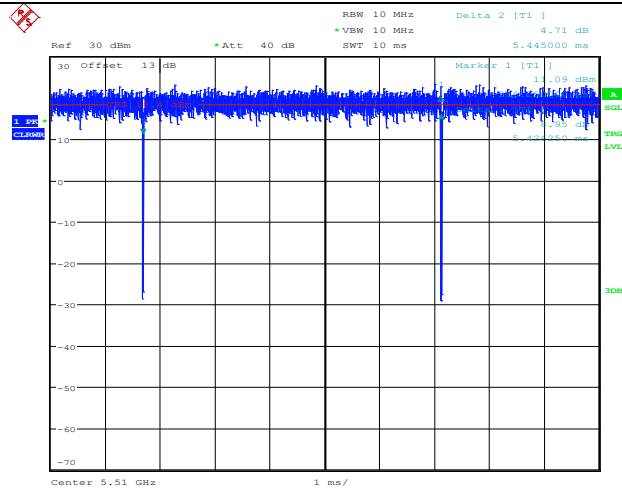
Date: 7.SEP.2021 11:33:19

802.11n HT20_5500 MHz



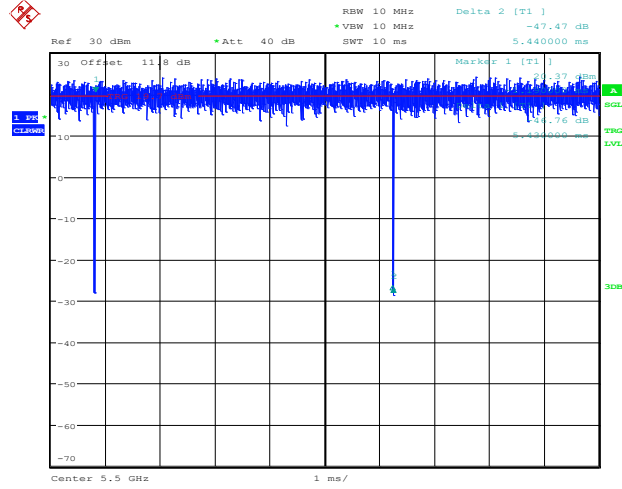
Date: 30.SEP.2021 09:43:28

802.11n HT40_5510 MHz



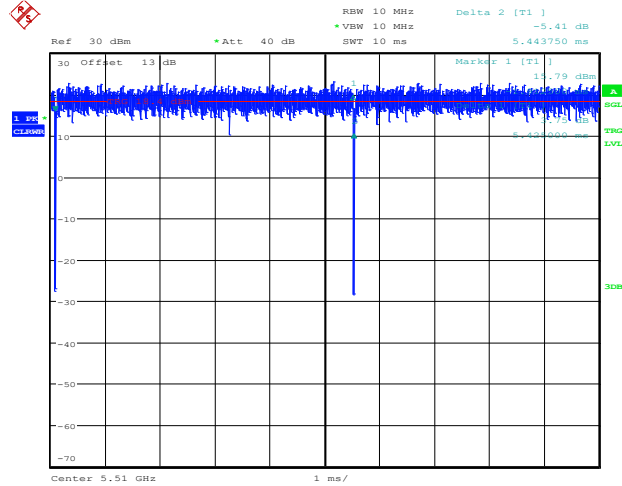
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802.11ac VHT20_5500 MHz



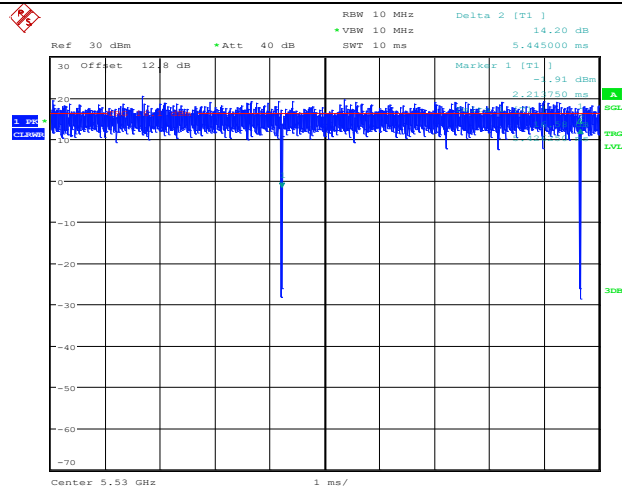
Date: 30.SEP.2021 10:14:21

802.11ac VHT40_5510 MHz



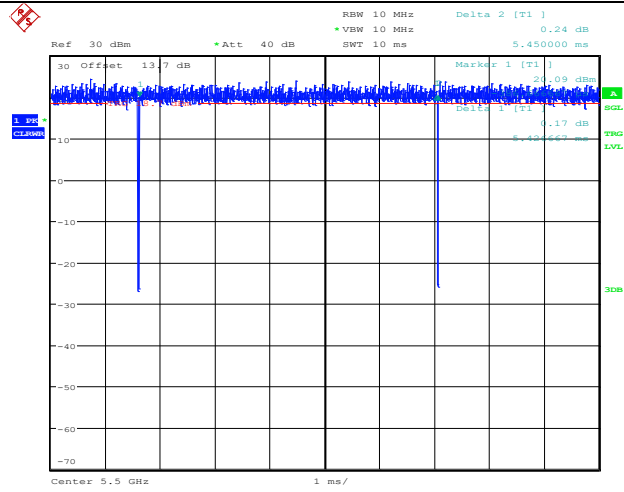
Date: 7.SEP.2021 15:18:37

802.11ac VHT80_5530 MHz



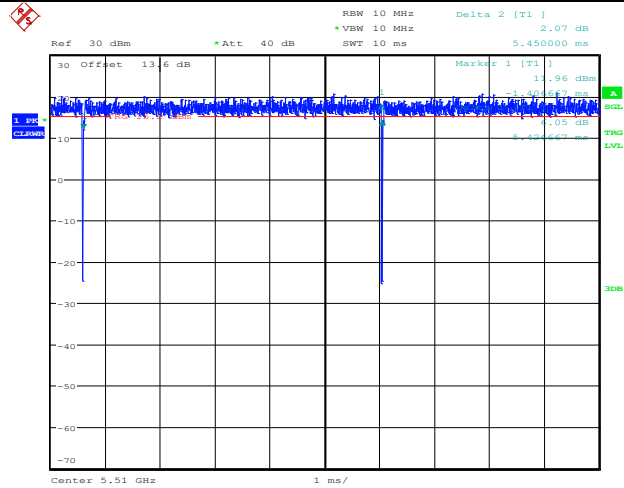
Date: 7.SEP.2021 15:39:34

802.11ax HEW20_5500 MHz



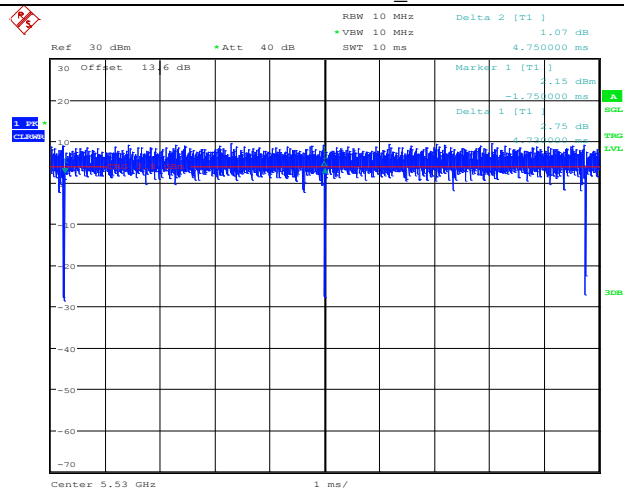
Date: 28.SEP.2021 20:27:13

802.11ax HEW40_5510 MHz



Date: 28.SEP.2021 21:02:16

802.11ax HEW80_5530 MHz



Date: 30.SEP.2021 21:12:30

6. 6DB BANDWIDTH MEASUREMENT

6.1.Limits of 6dB Bandwidth Measurement

The minimum 6 dB emission bandwidth of at least 500 kHz for the band 5.725-5.85 GHz.

6.2.Test Procedure

The transmitter output was connected to the spectrum analyzer.

- a) Set RBW = 100 kHz.
- b) Set the video bandwidth (VBW) $\geq 3 \times$ 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



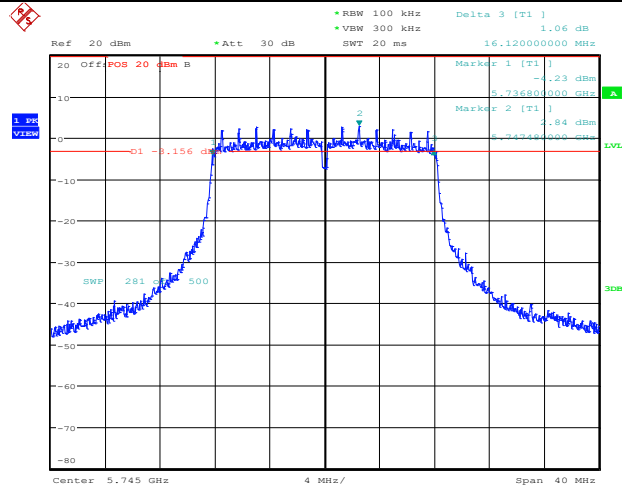
6.4.Test Data

6dB Bandwidth Test Data

802.11a Mode ANT0

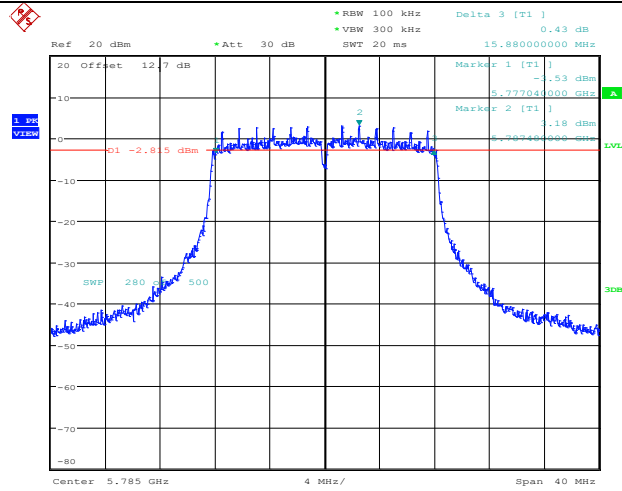
Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
149	5745	16.120	0.5	PASS
157	5785	15.880	0.5	PASS
165	5825	16.360	0.5	PASS

Channel 149, 802.11a



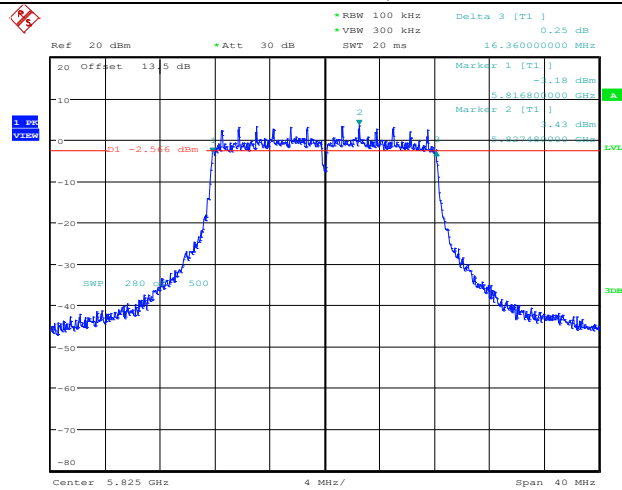
Date: 7.SEP.2021 16:01:45

Channel 157, 802.11a



Date: 7.SEP.2021 16:04:05

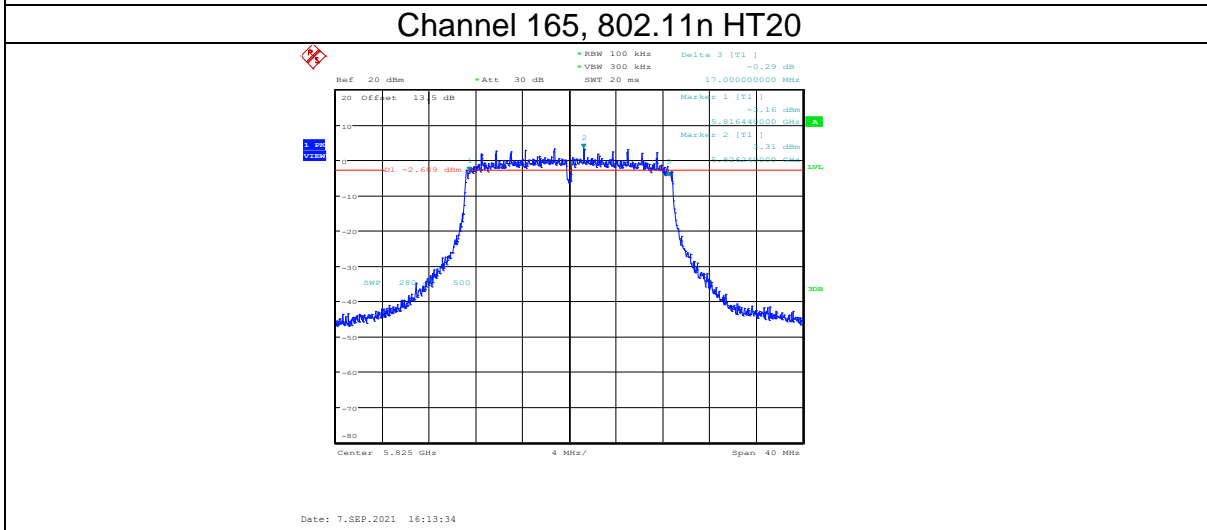
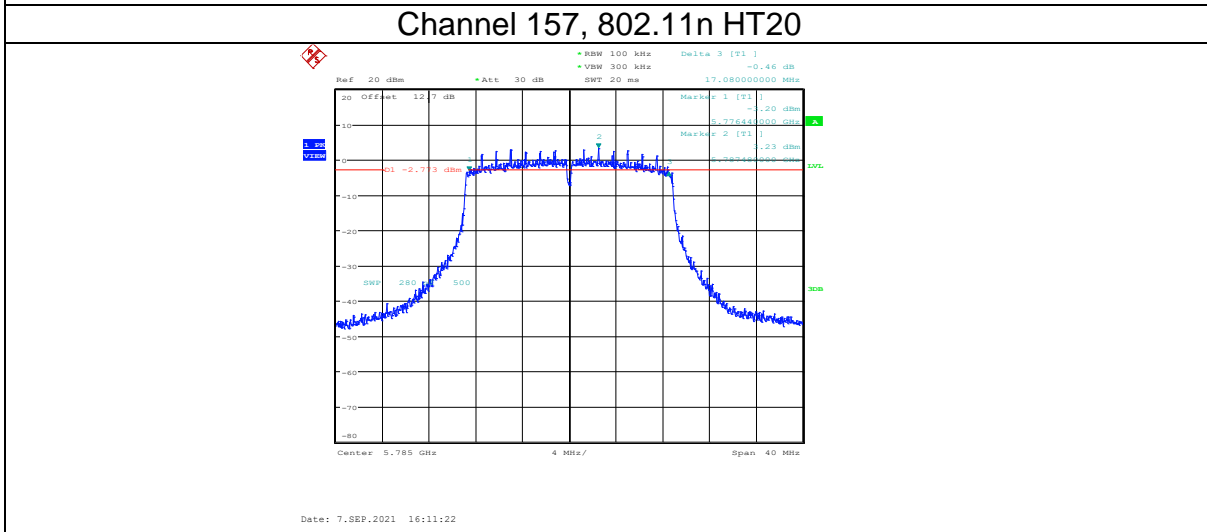
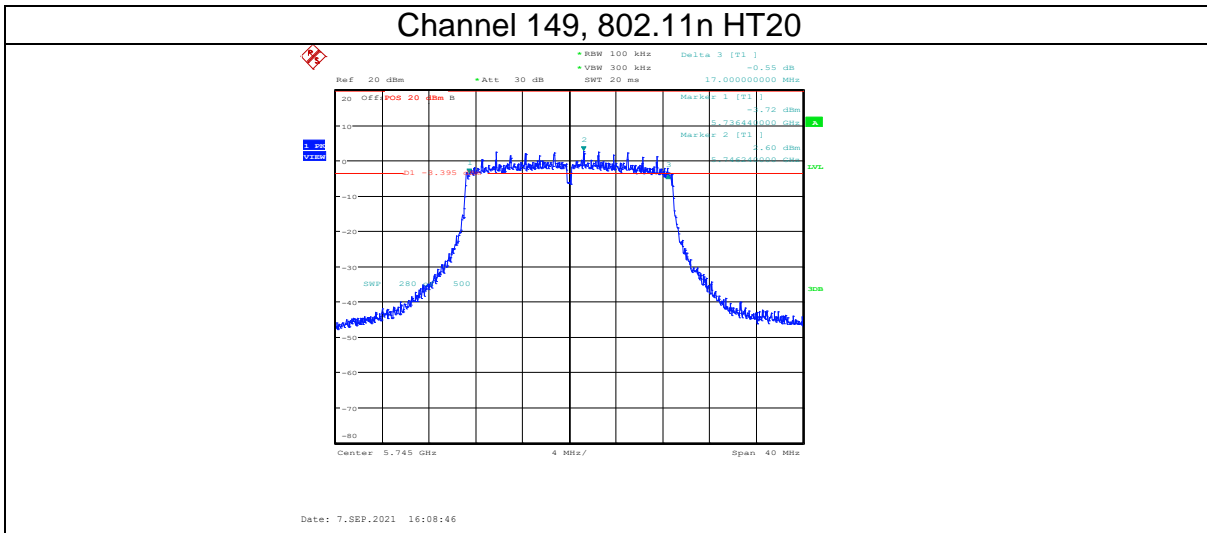
Channel 165, 802.11a



Date: 7.SEP.2021 16:06:07

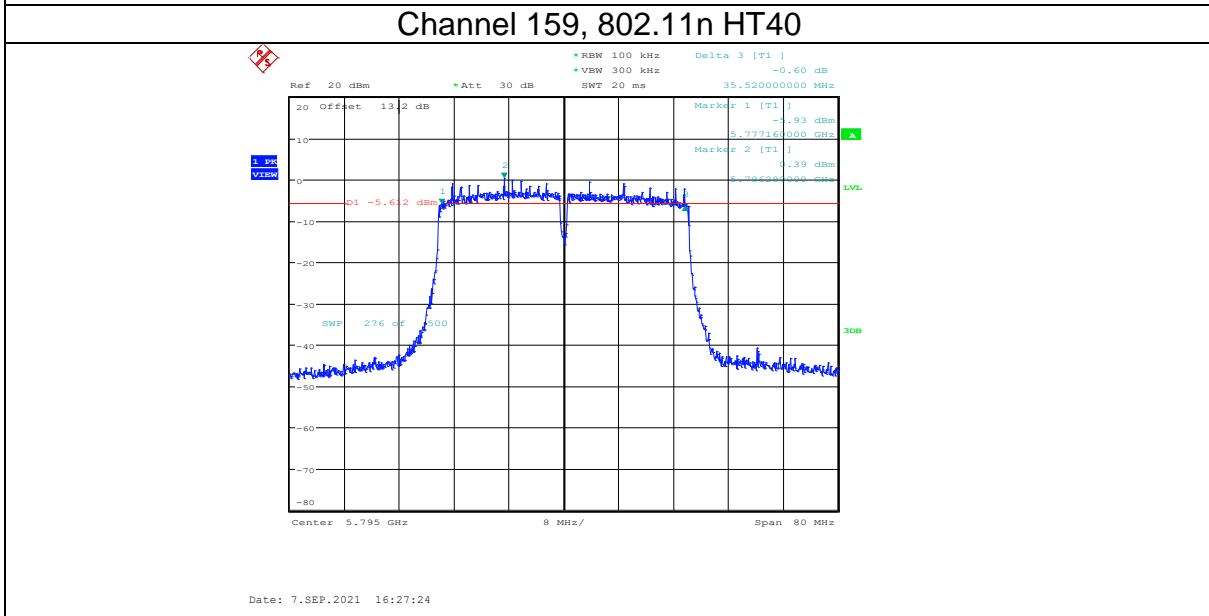
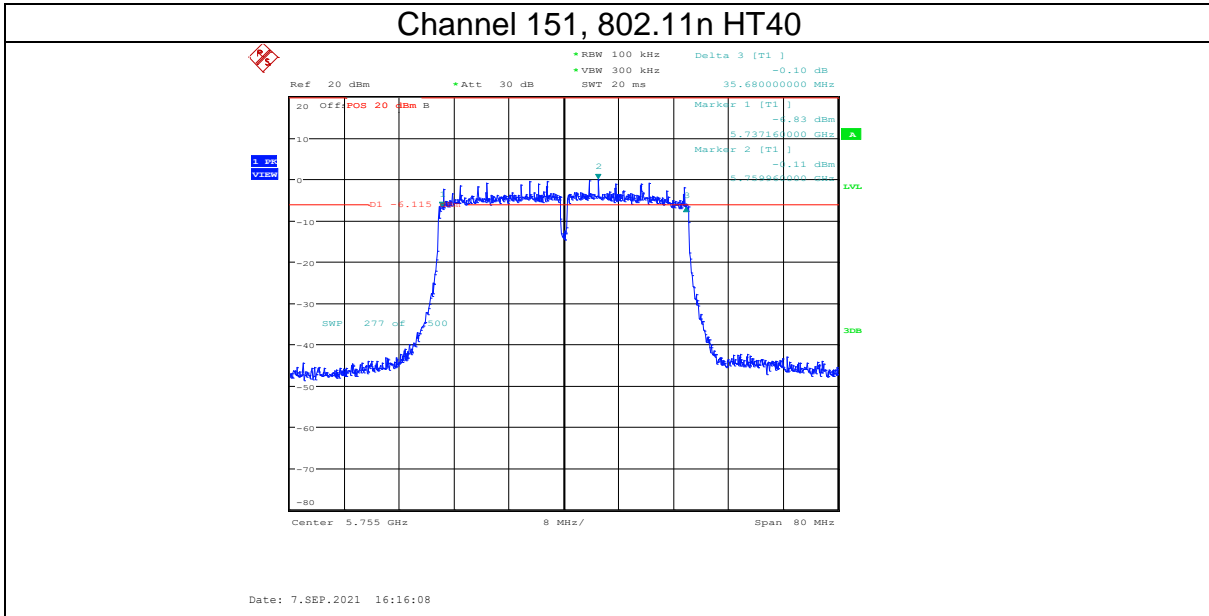
802.11n HT20 Mode ANT0

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
149	5745	17.000	0.5	PASS
157	5785	17.080	0.5	PASS
165	5825	17.000	0.5	PASS



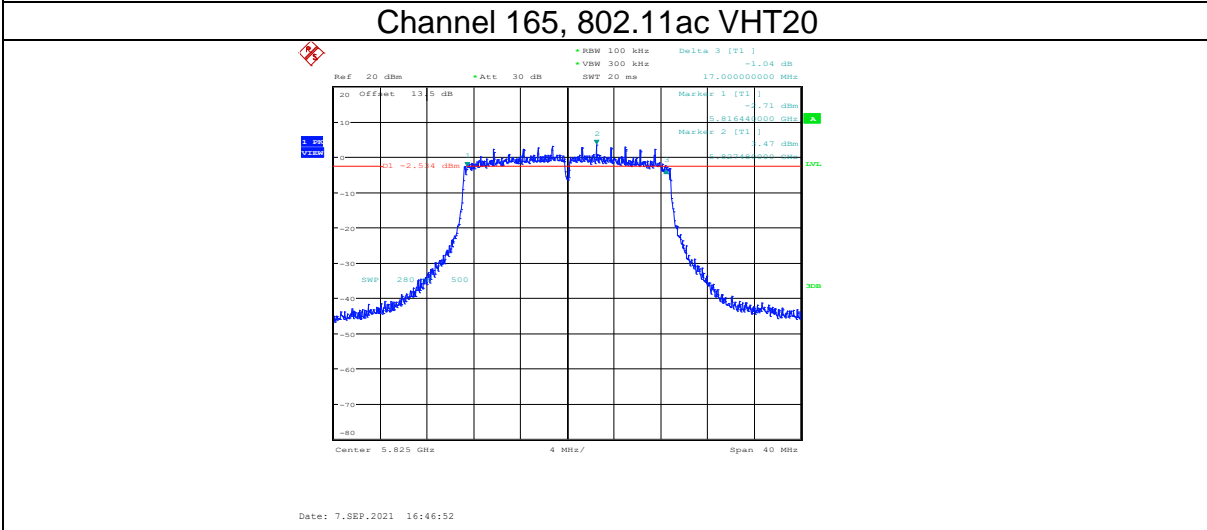
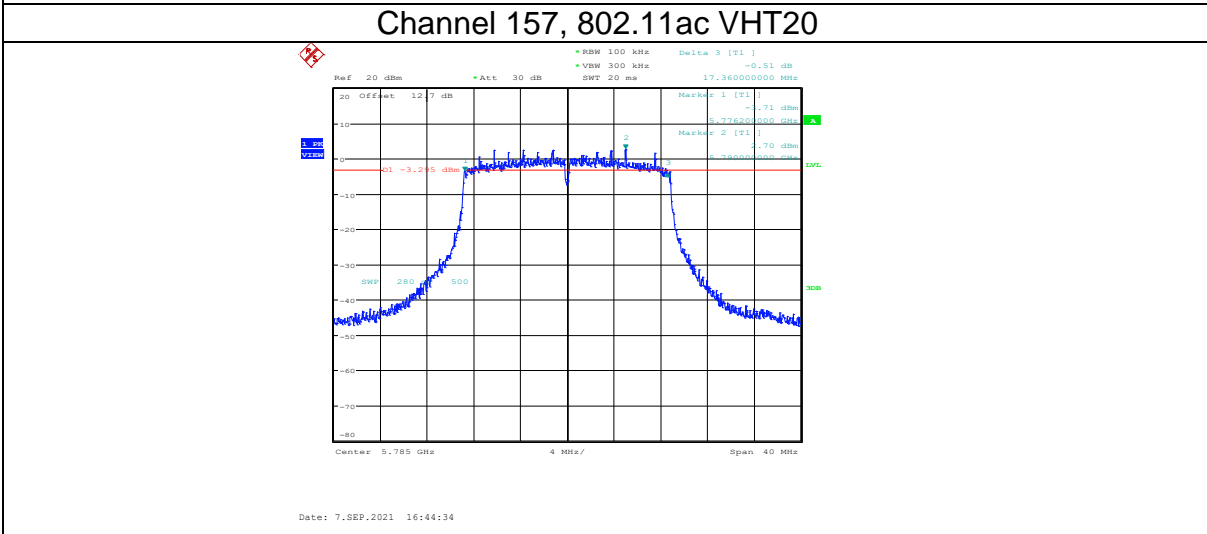
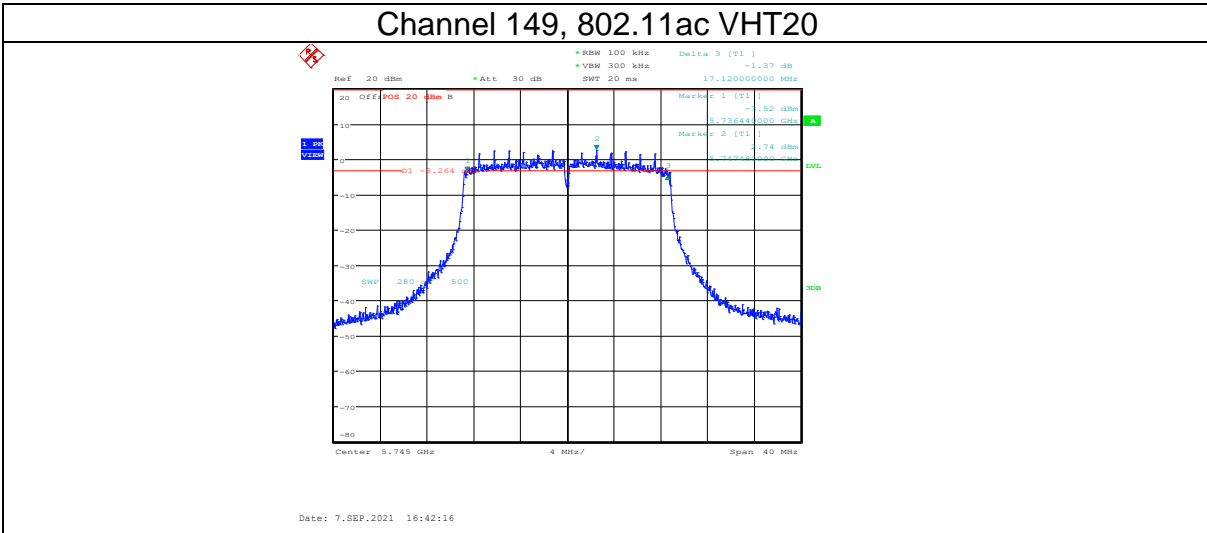
802.11n HT40 Mode ANTO

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
151	5755	35.680	0.5	PASS
159	5795	35.520	0.5	PASS



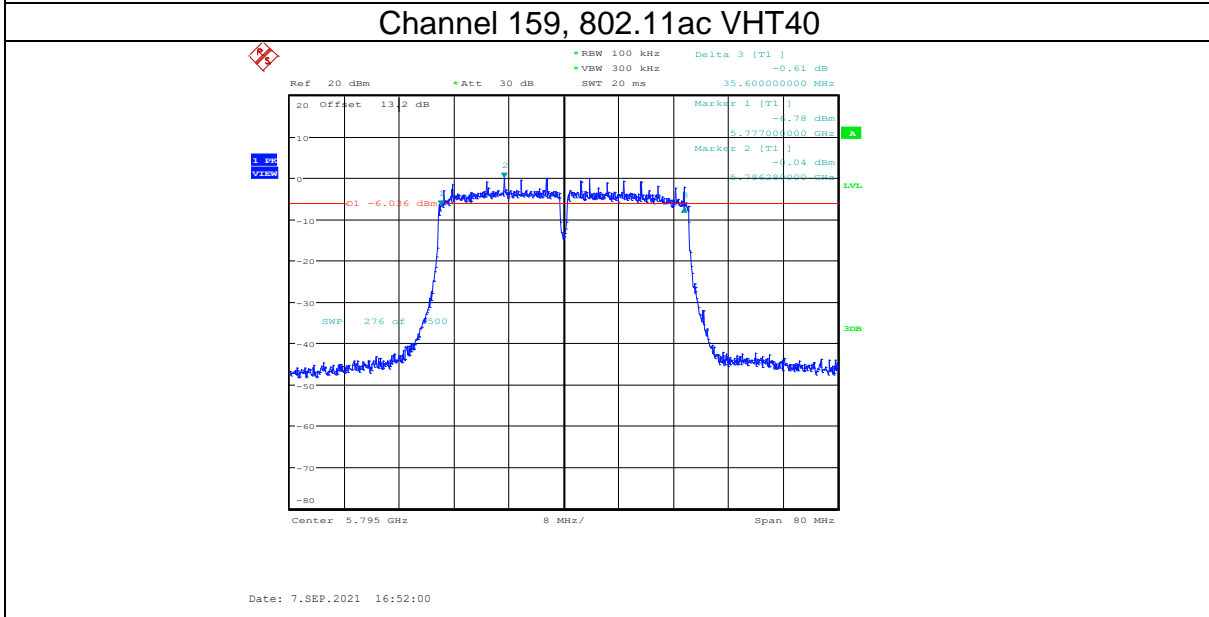
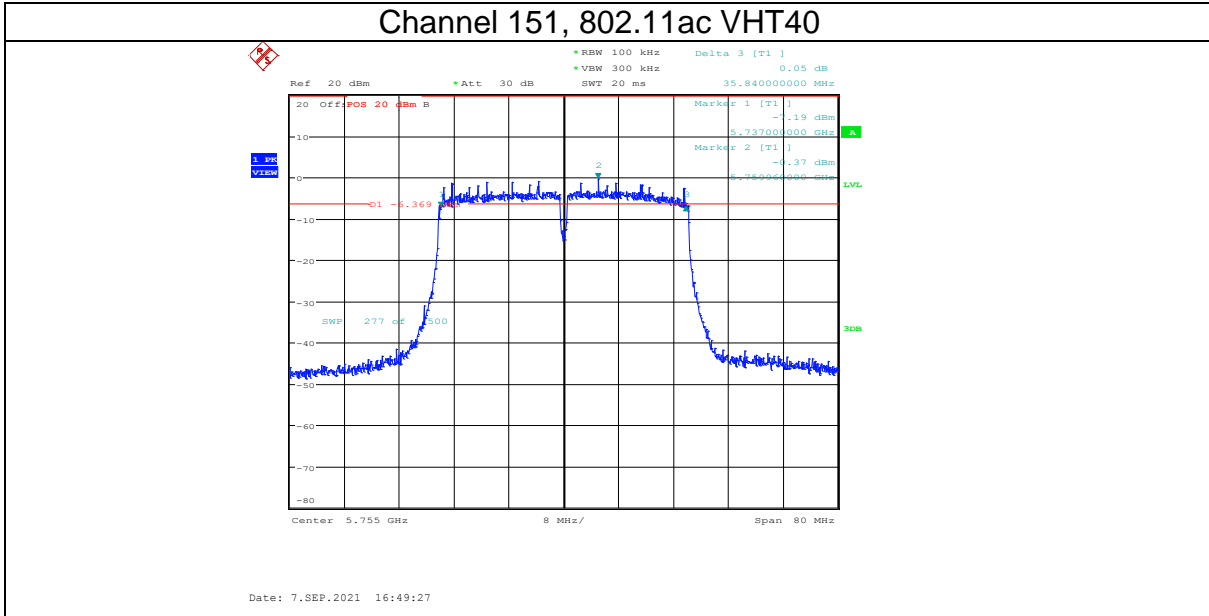
802.11ac VHT20 Mode ANT0

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
149	5745	17.120	0.5	PASS
157	5785	17.360	0.5	PASS
165	5825	17.000	0.5	PASS



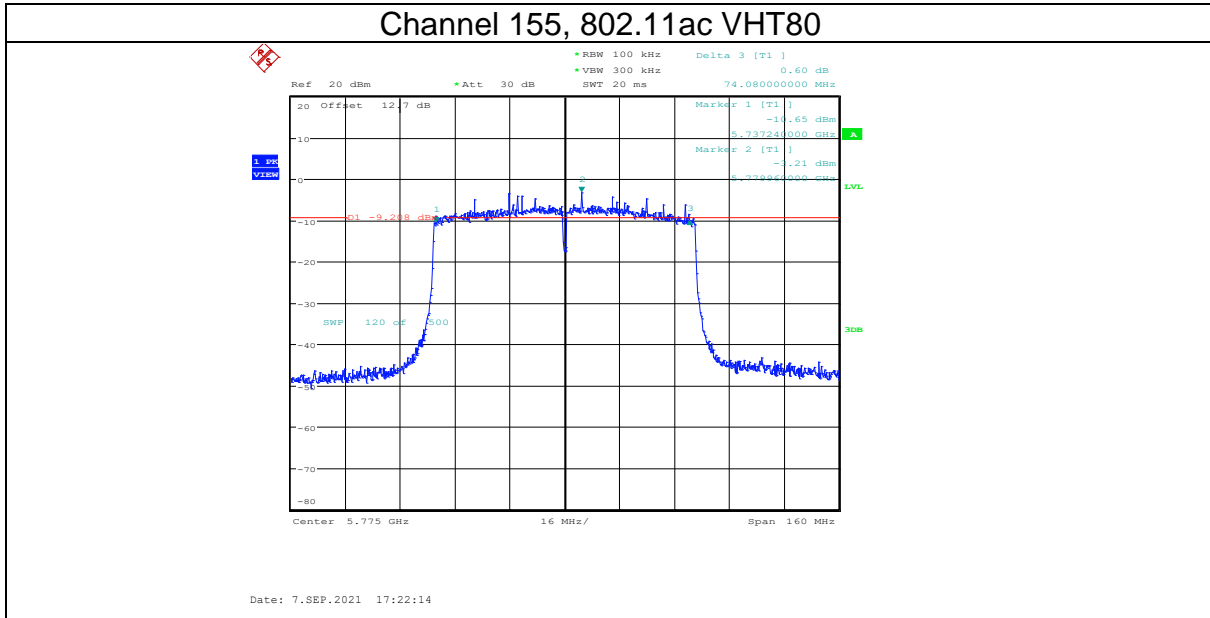
802.11ac VHT40 Mode ANT0

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
151	5755	35.840	0.5	PASS
159	5795	35.600	0.5	PASS



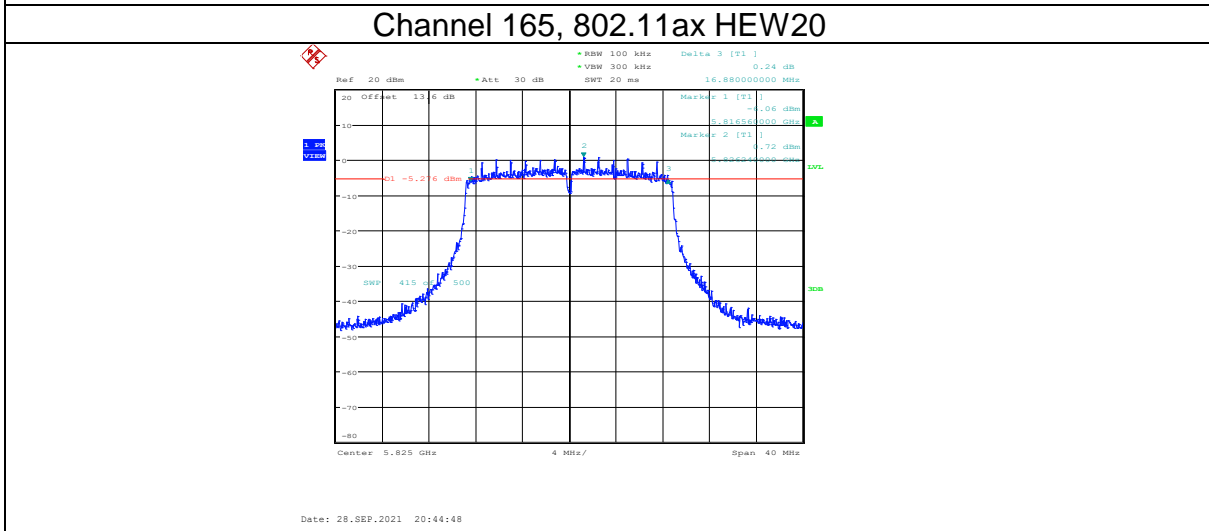
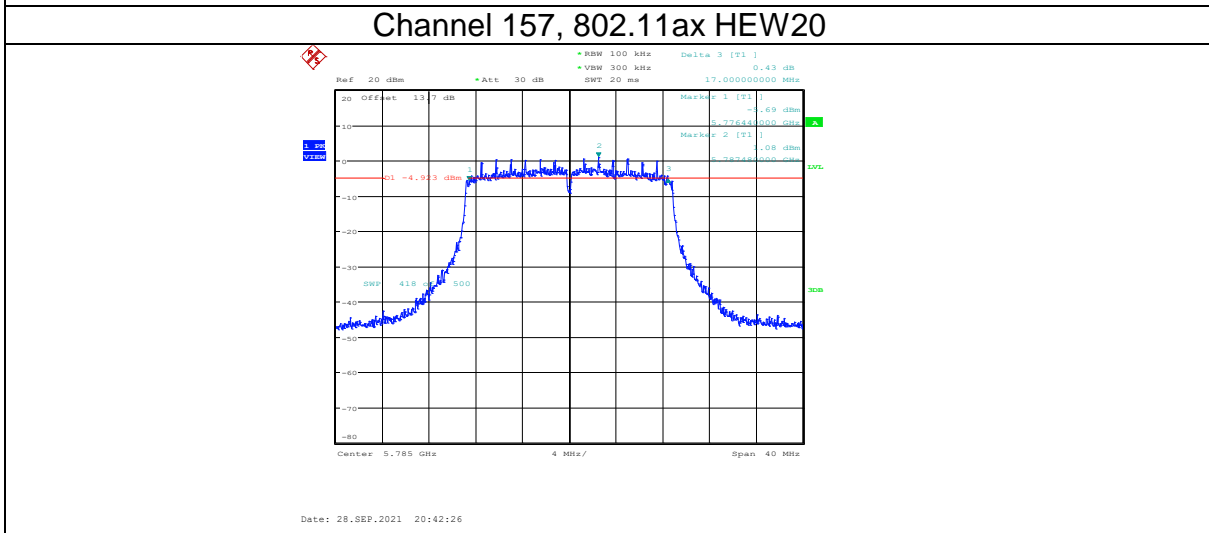
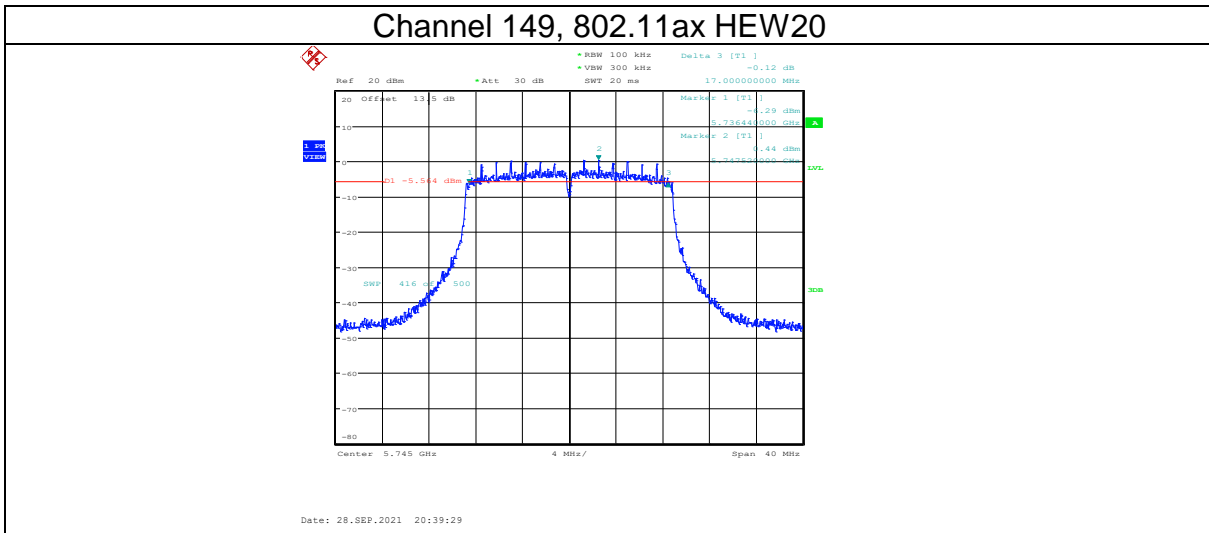
802.11ac VHT80 Mode ANT0

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
155	5775	74.080	0.5	PASS



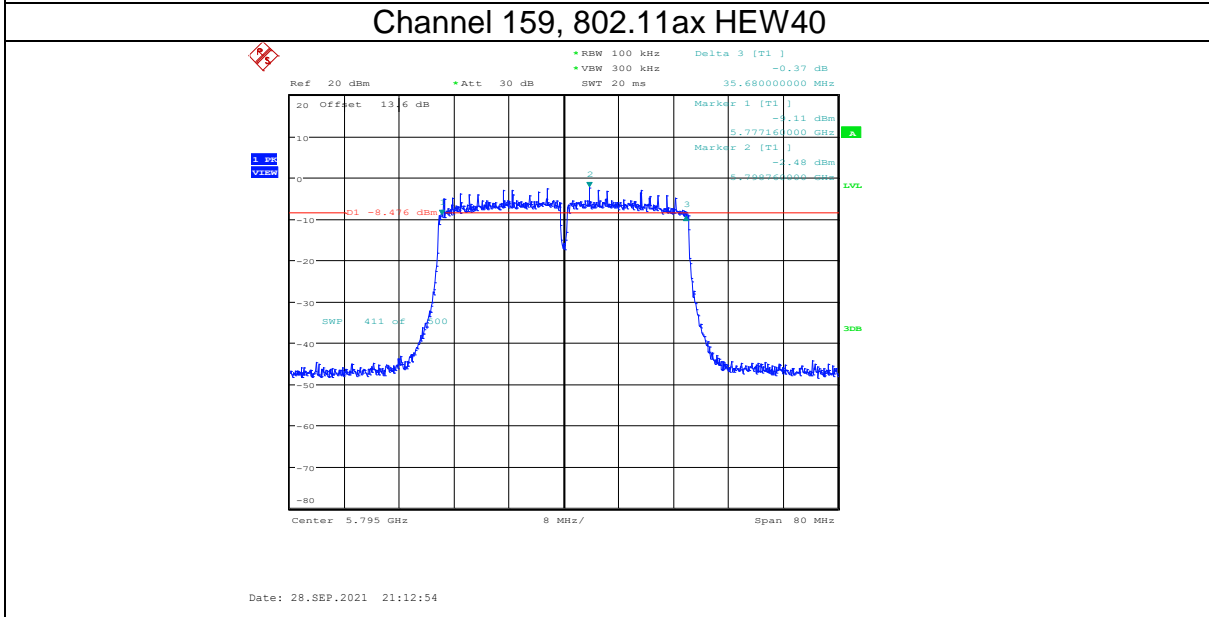
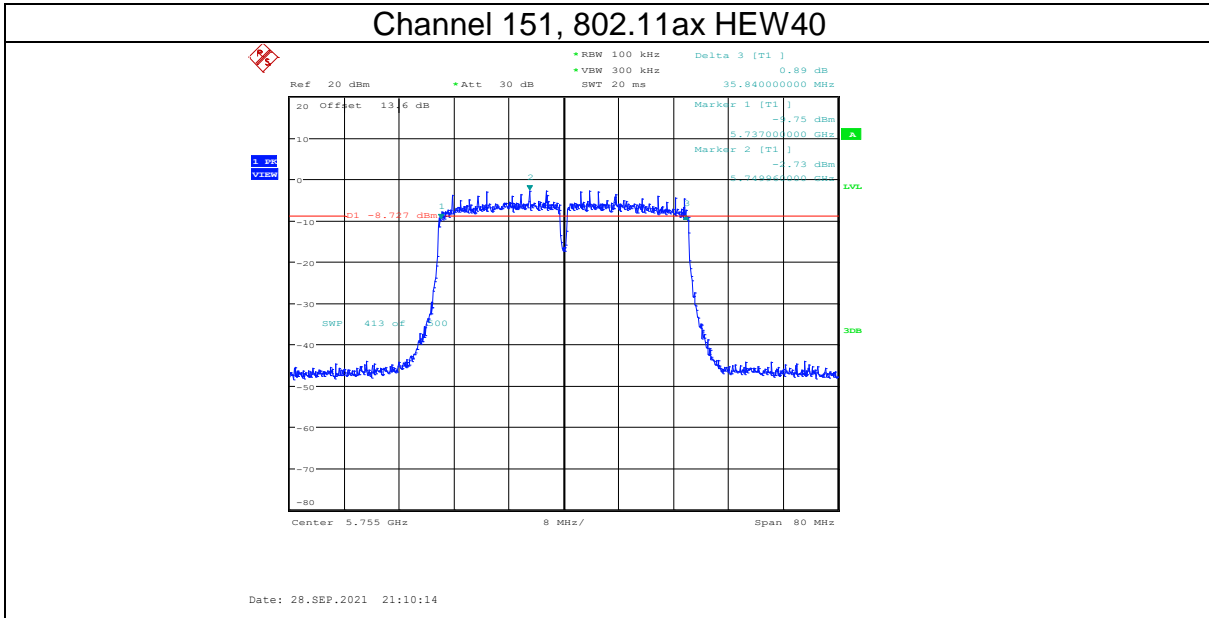
802.11ax HEW20 Mode ANT0

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
149	5745	17.000	0.5	PASS
157	5785	17.000	0.5	PASS
165	5825	16.880	0.5	PASS



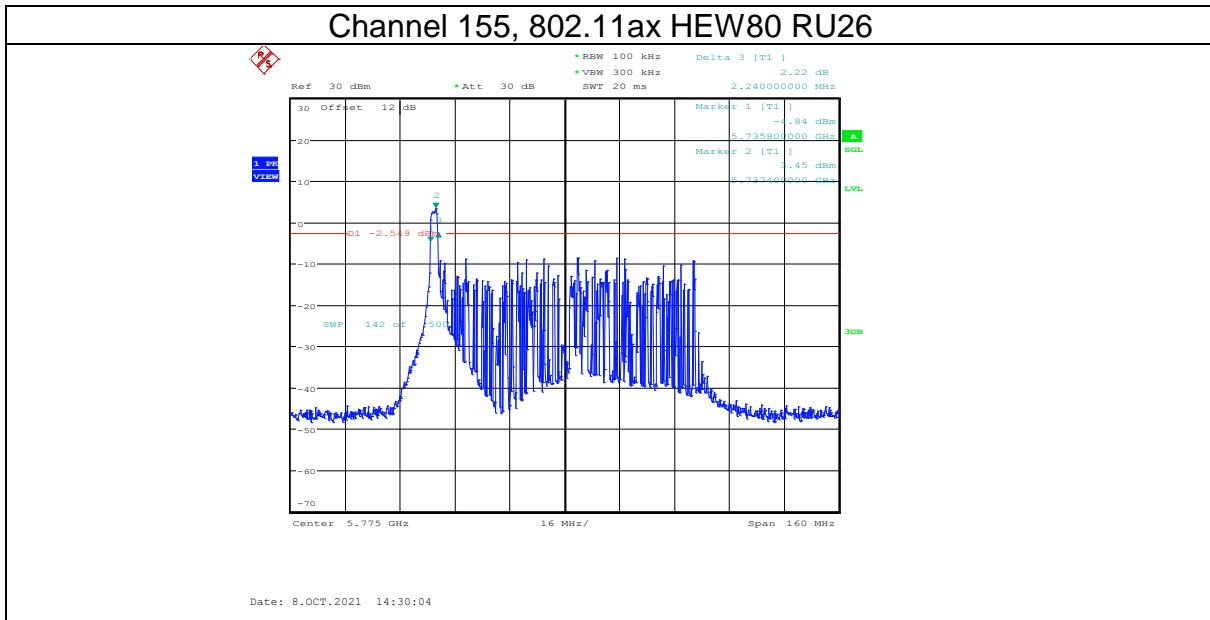
802.11ax HEW40 Mode ANT0

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
151	5755	35.840	0.5	PASS
159	5795	35.680	0.5	PASS



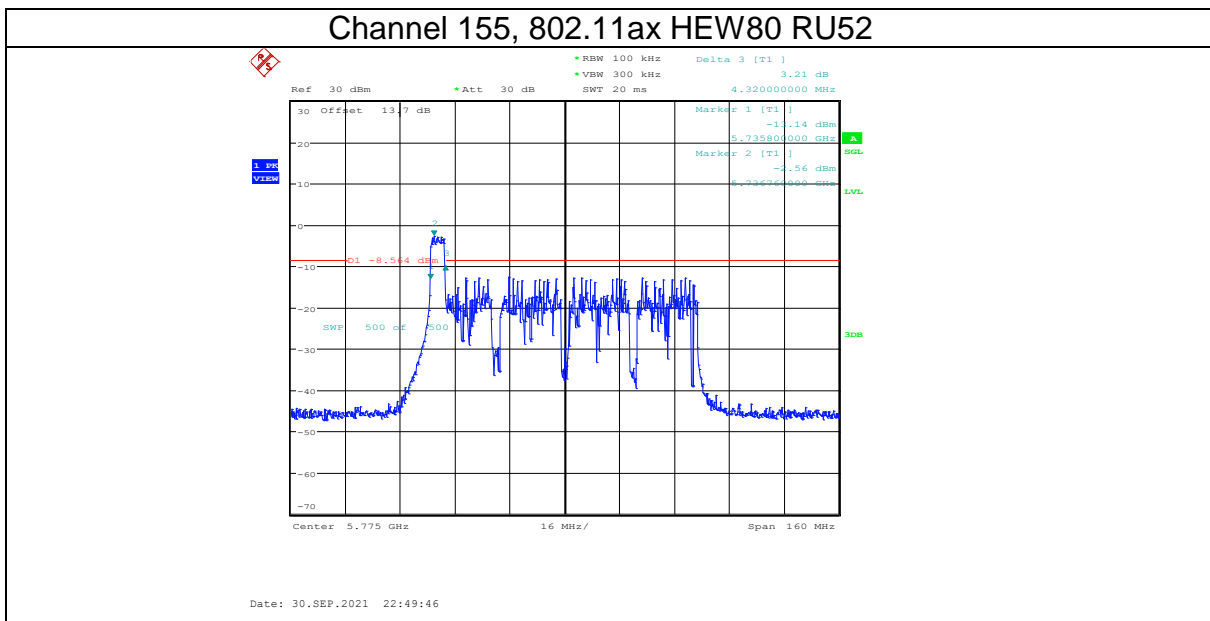
802.11ax HEW80 RU26 Mode ANT0

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
155	5775	2.240	0.5	PASS



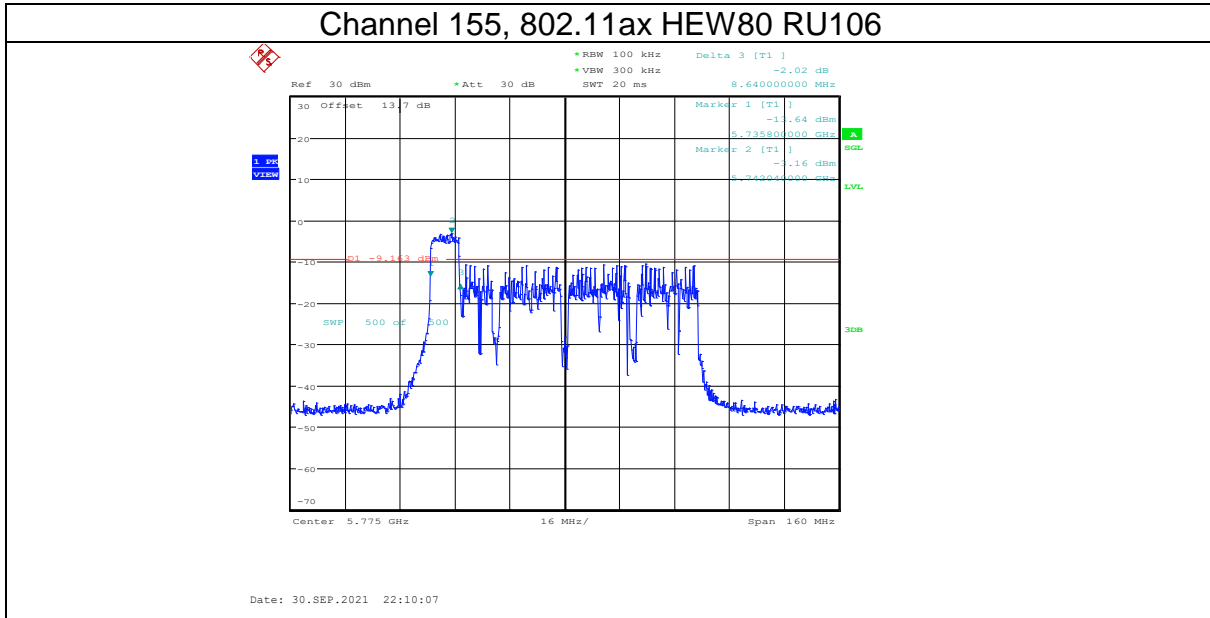
802.11ax HEW80 RU52 Mode ANT0

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
155	5775	4.320	0.5	PASS



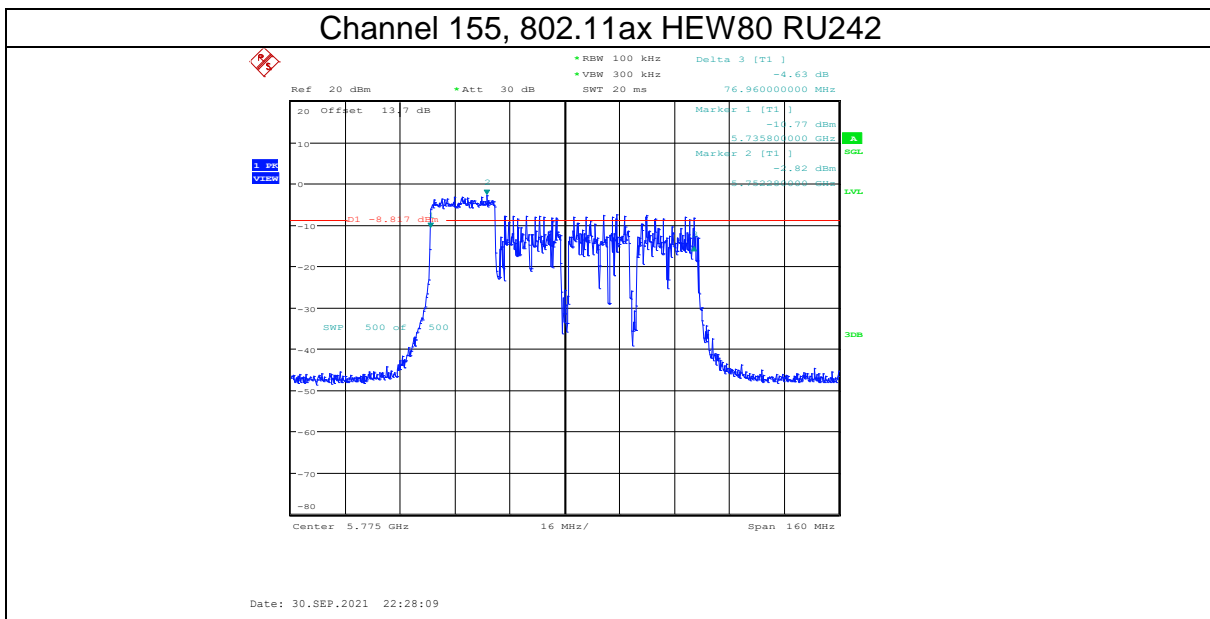
802.11ax HEW80 RU106 Mode ANTO

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
155	5775	8.640	0.5	PASS



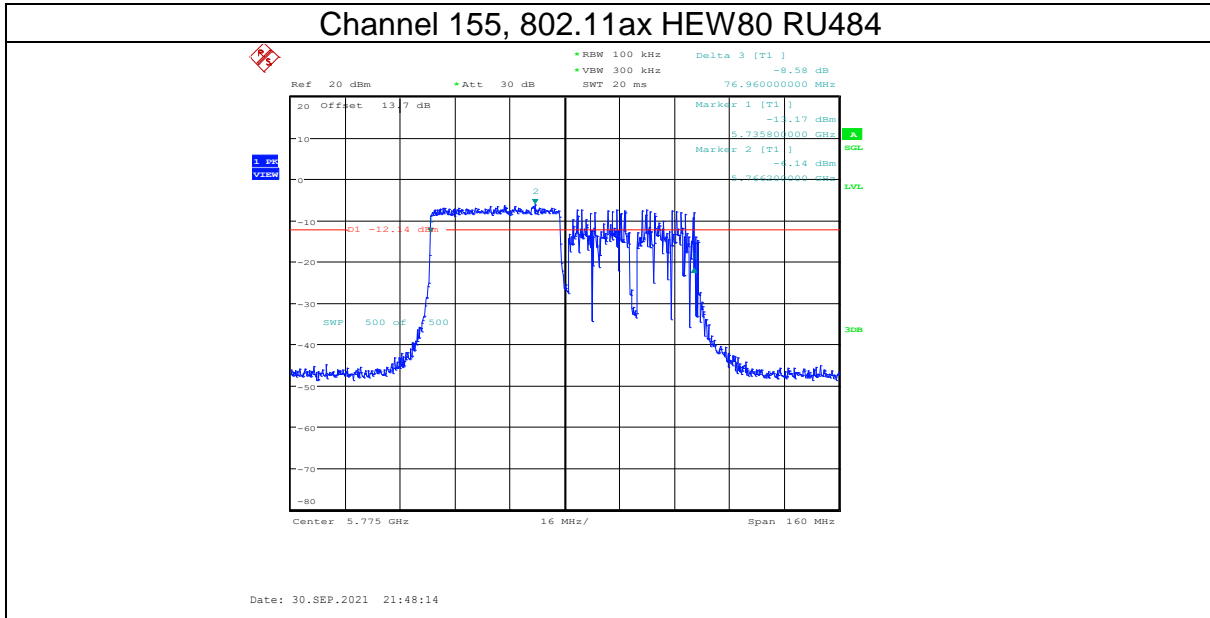
802.11ax HEW80 RU242 Mode ANTO

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
155	5775	76.960	0.5	PASS



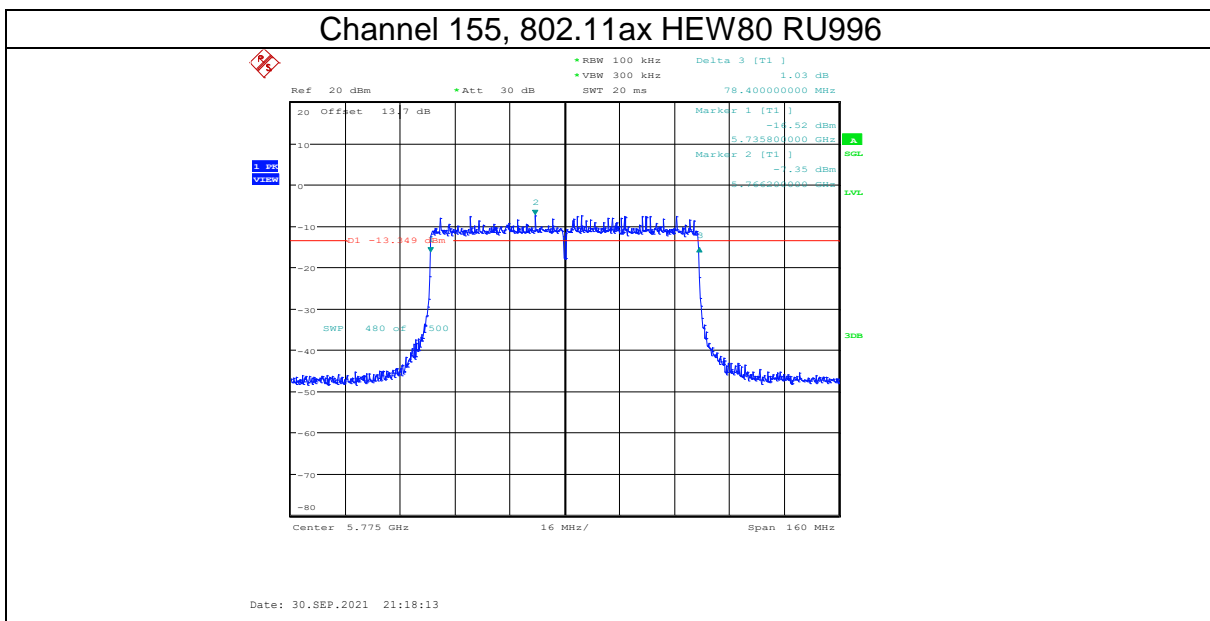
802.11ax HEW80 RU484 Mode ANTO

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
155	5775	76.960	0.5	PASS



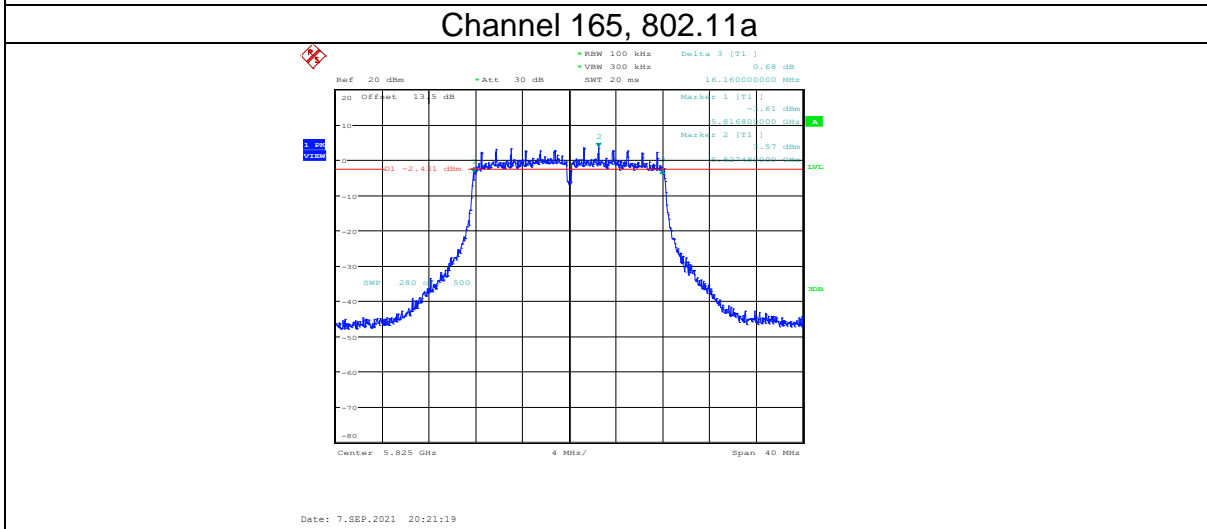
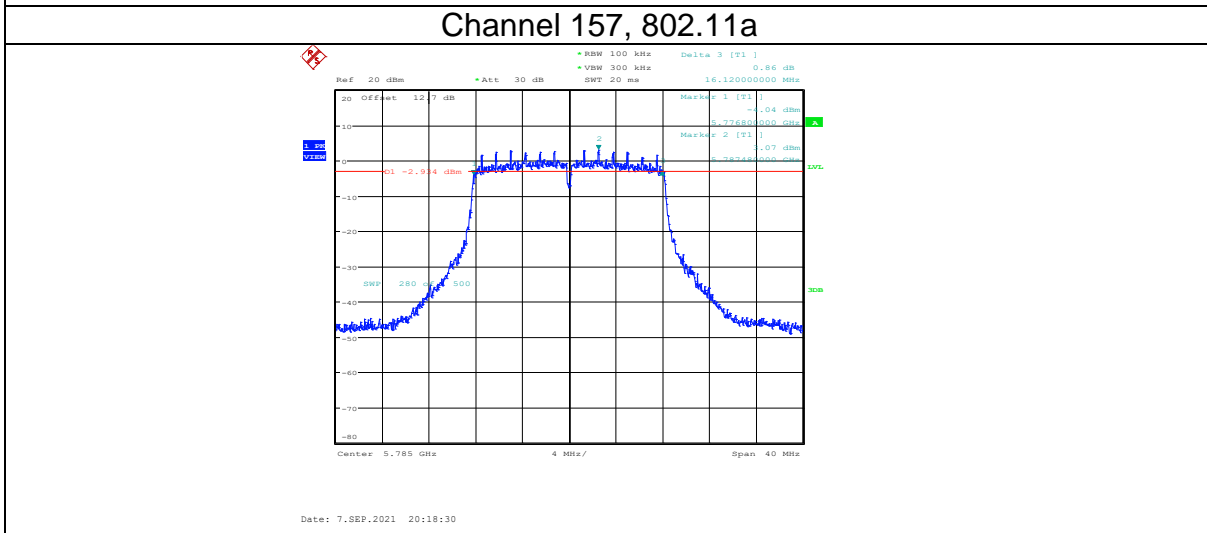
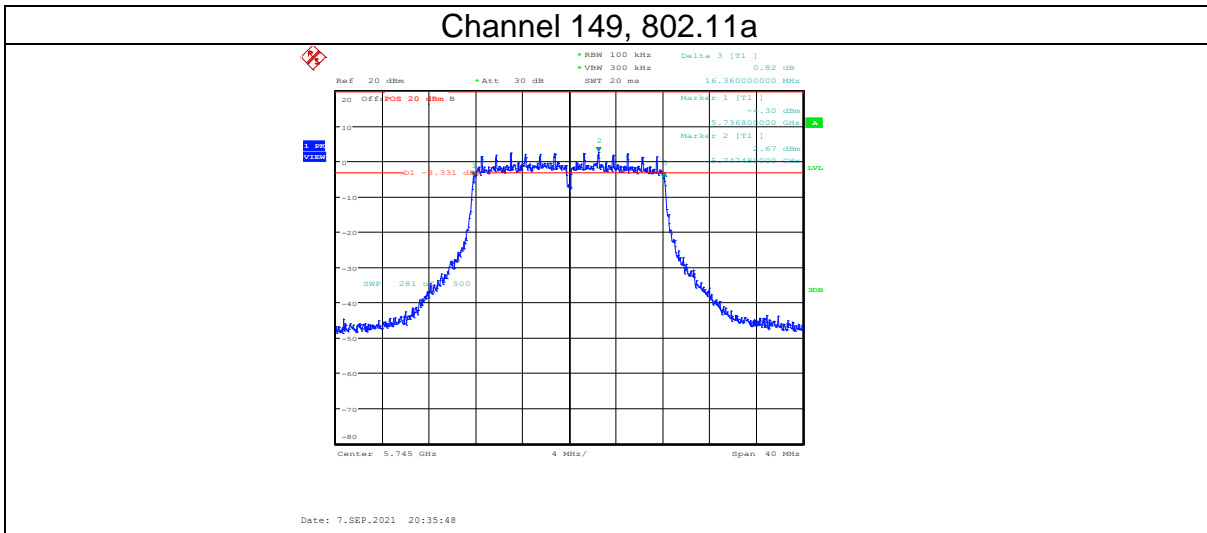
802.11ax HEW80 RU996 Mode ANTO

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
155	5775	78.400	0.5	PASS



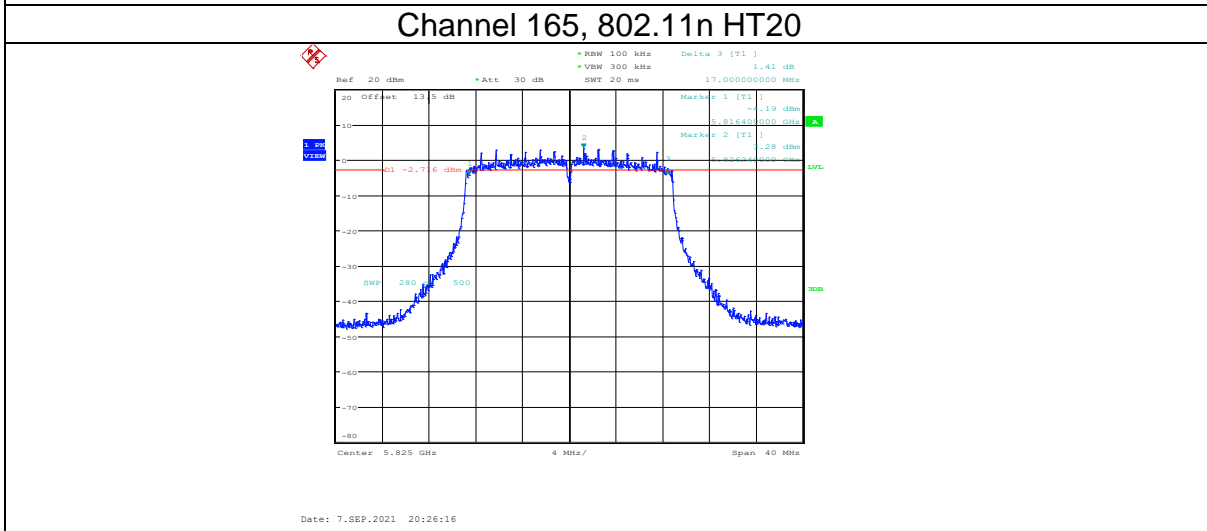
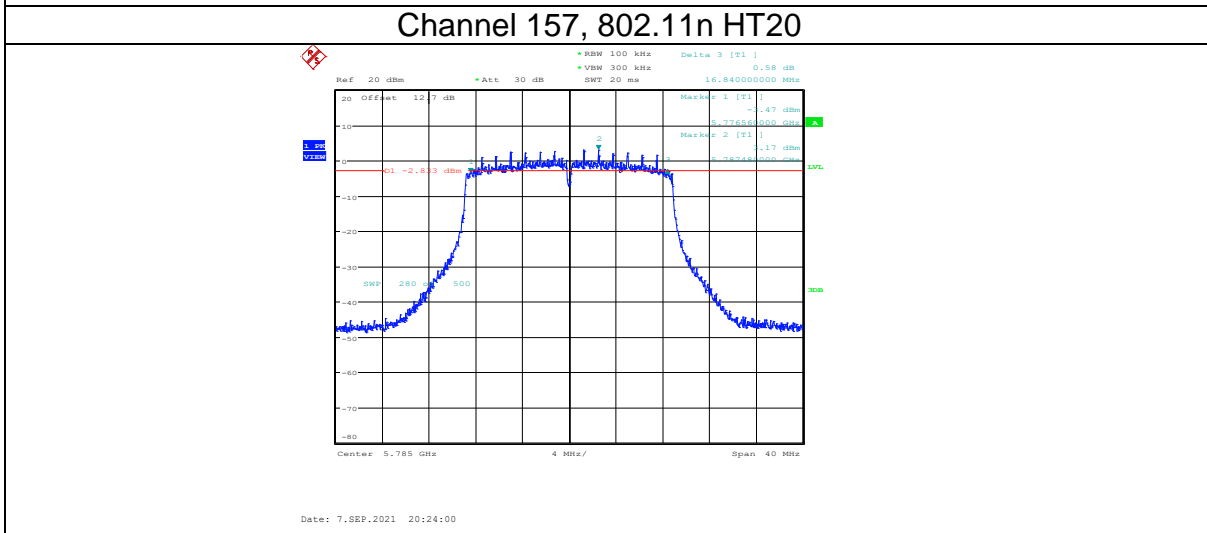
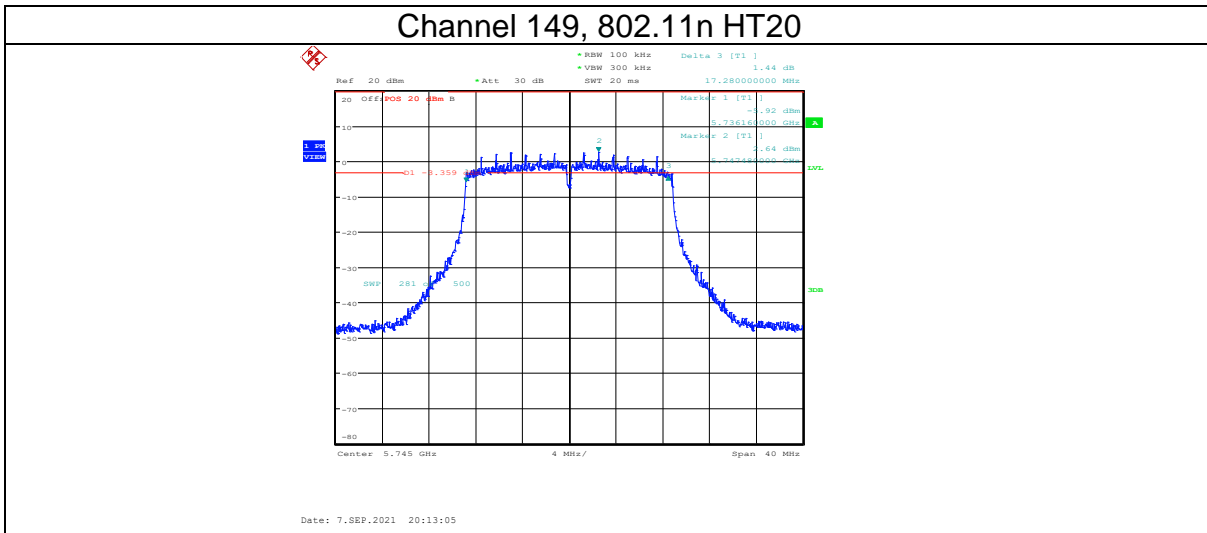
802.11a Mode ANT1

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
149	5745	16.360	0.5	PASS
157	5785	16.120	0.5	PASS
165	5825	16.160	0.5	PASS



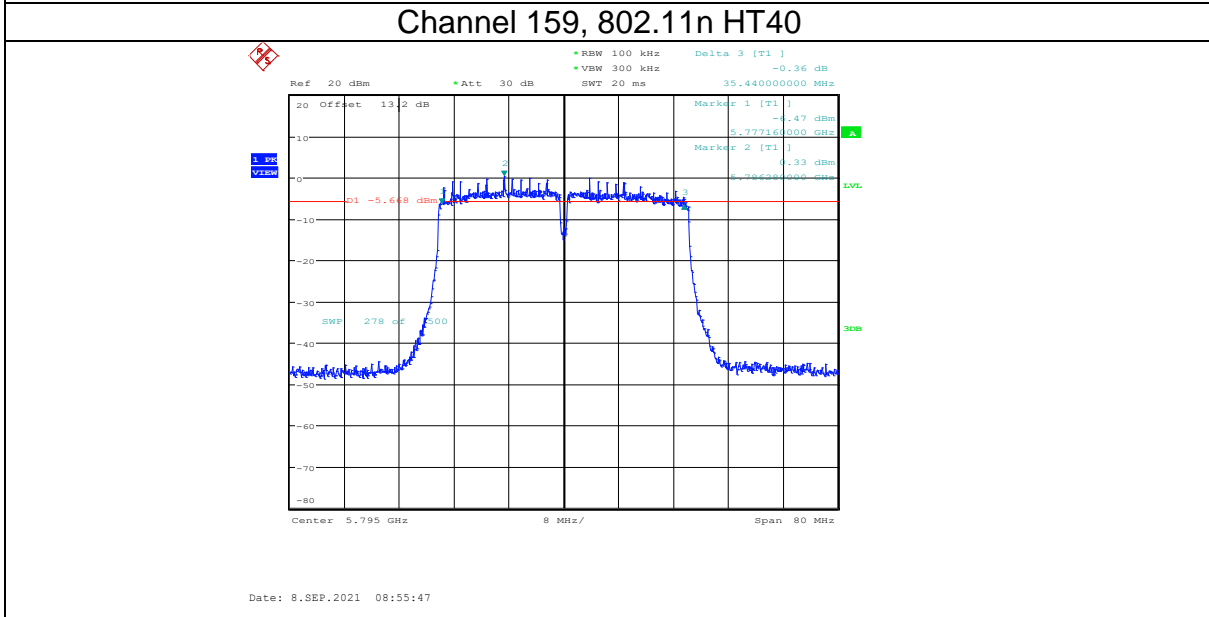
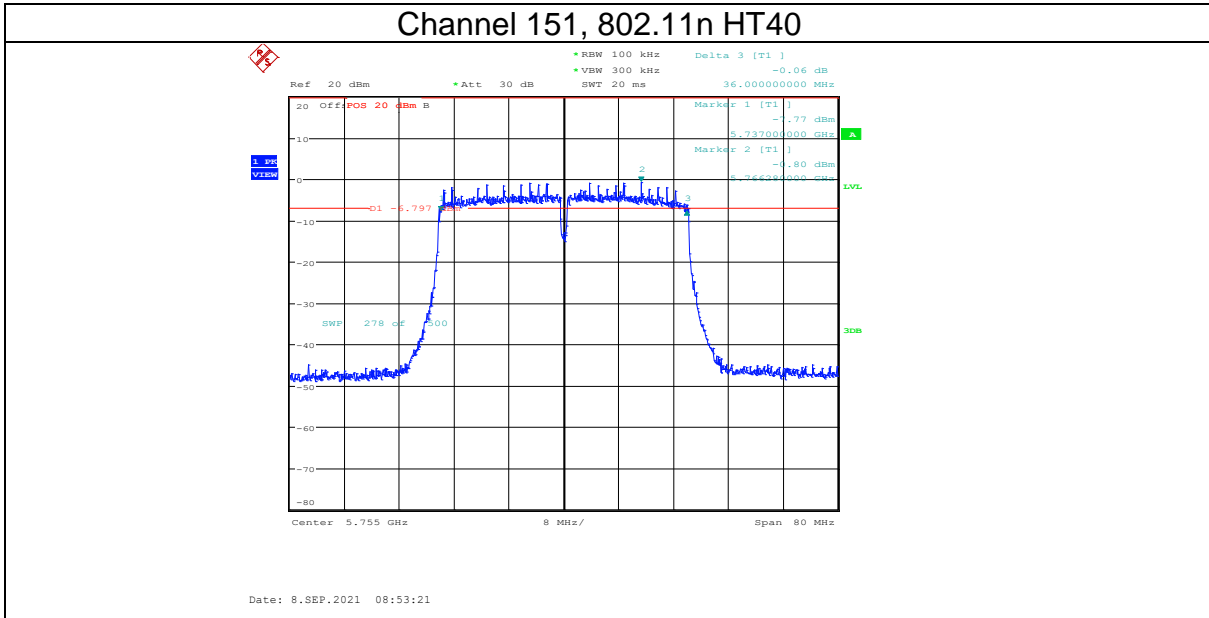
802.11n HT20 Mode ANT1

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
149	5745	17.280	0.5	PASS
157	5785	16.840	0.5	PASS
165	5825	17.000	0.5	PASS



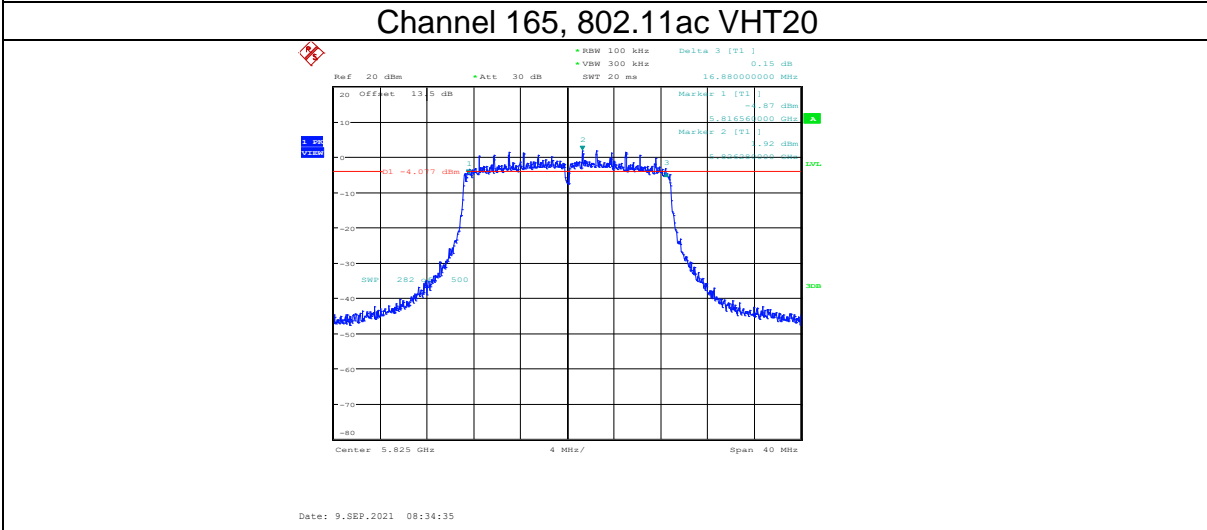
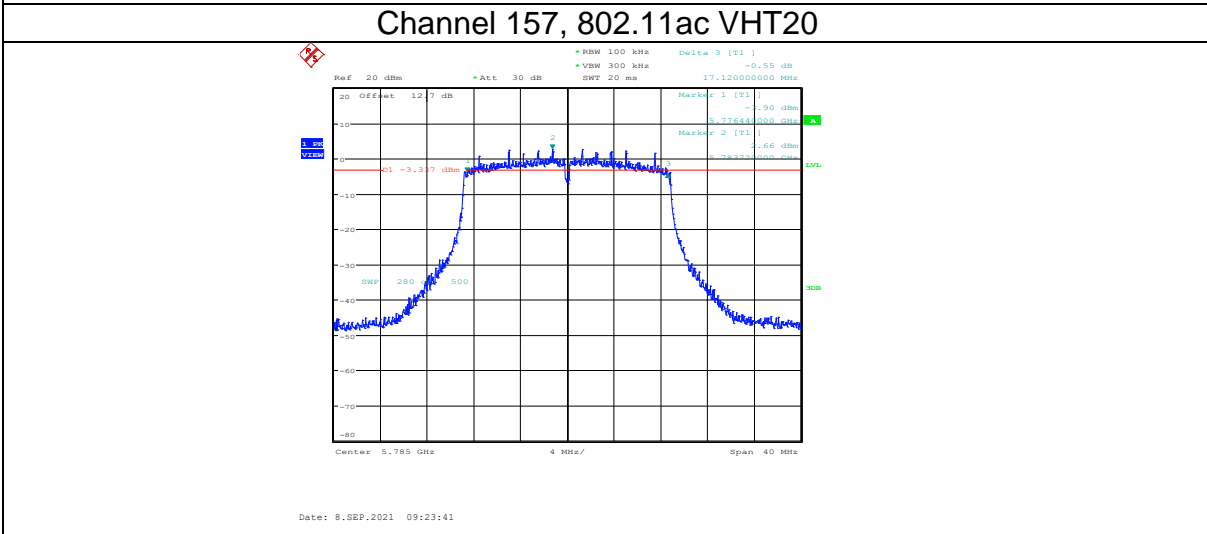
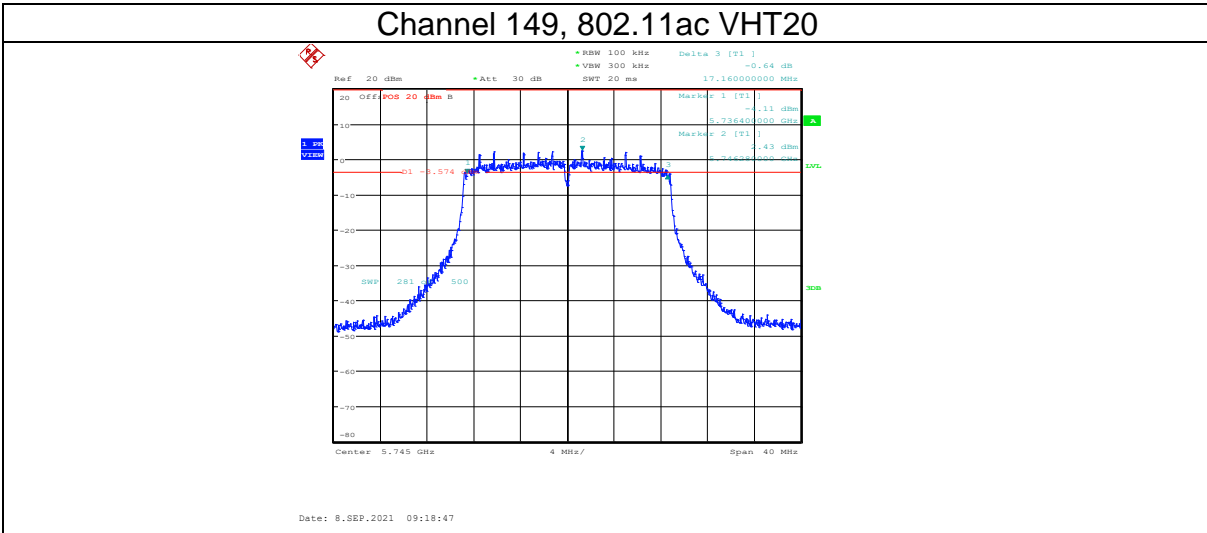
802.11n HT40 Mode ANT1

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
151	5755	36.000	0.5	PASS
159	5795	35.440	0.5	PASS



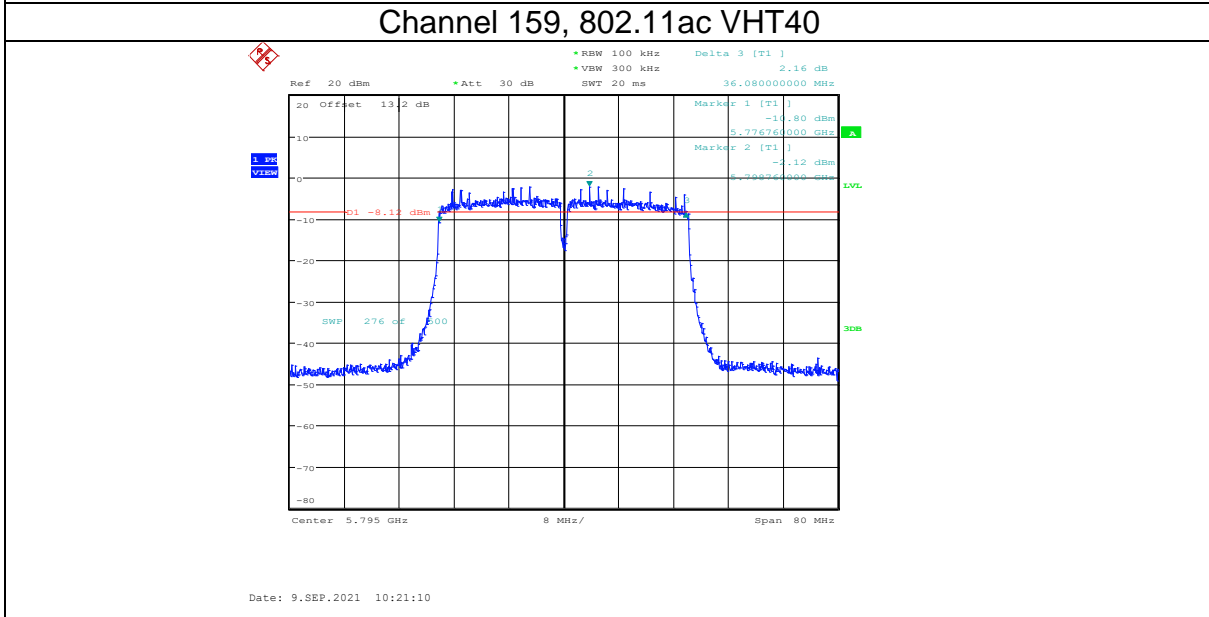
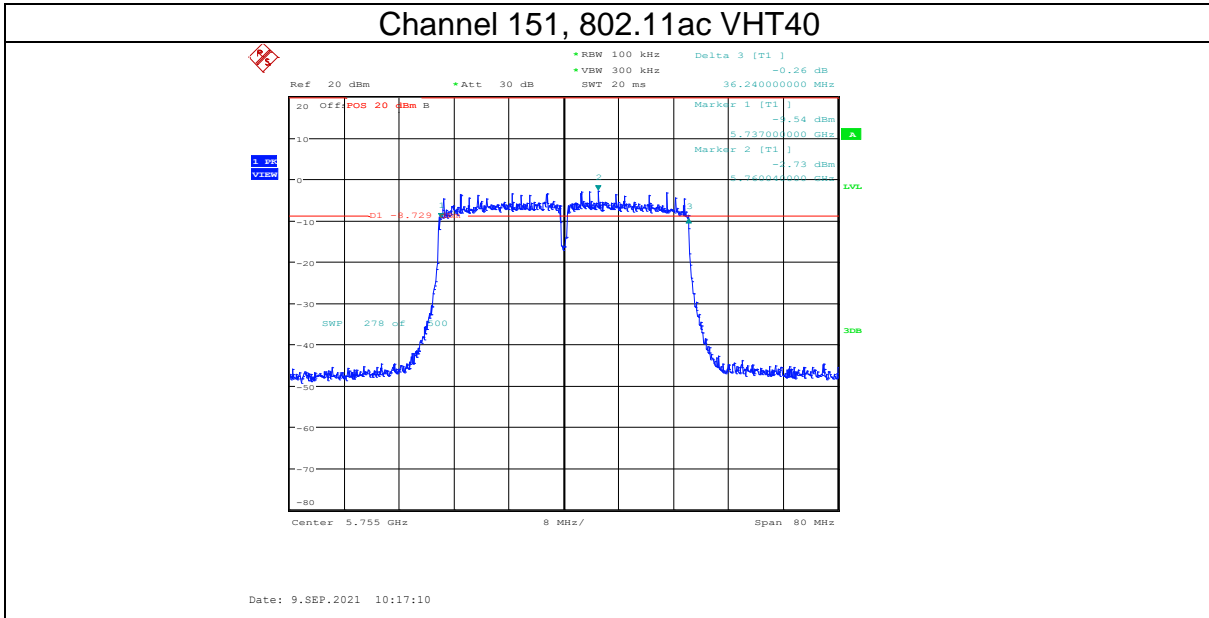
802.11ac VHT20 Mode ANT1

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
149	5745	17.160	0.5	PASS
157	5785	17.120	0.5	PASS
165	5825	16.880	0.5	PASS



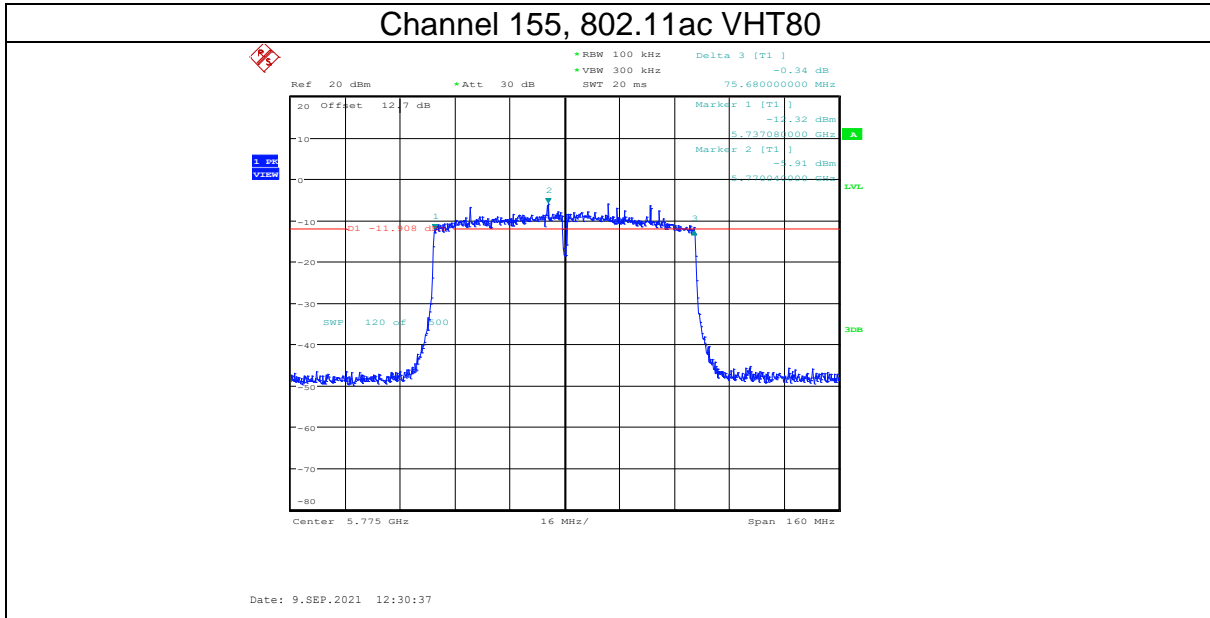
802.11ac VHT40 Mode ANT1

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
151	5755	36.240	0.5	PASS
159	5795	36.080	0.5	PASS



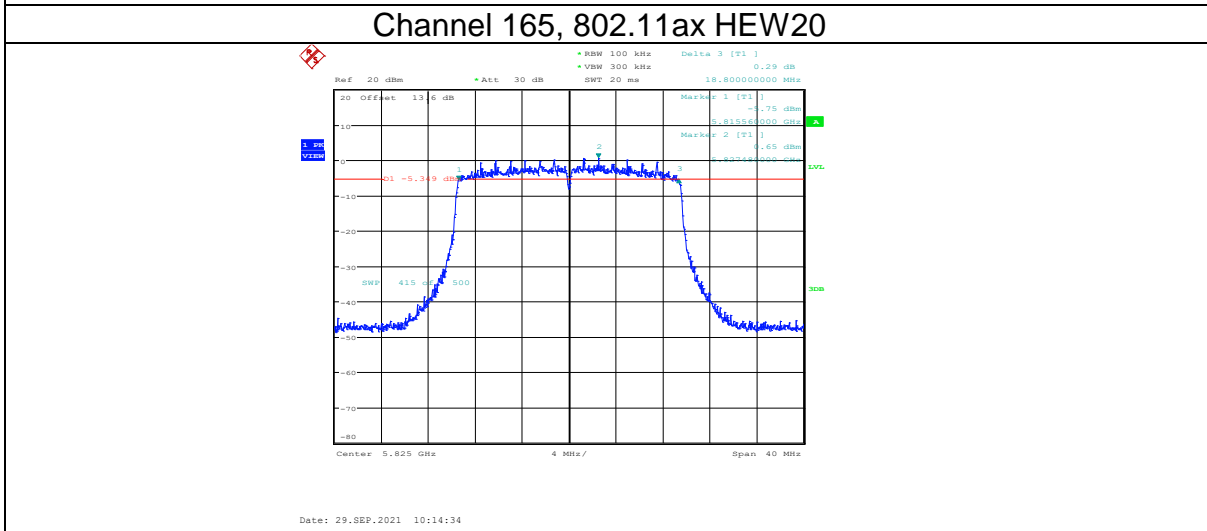
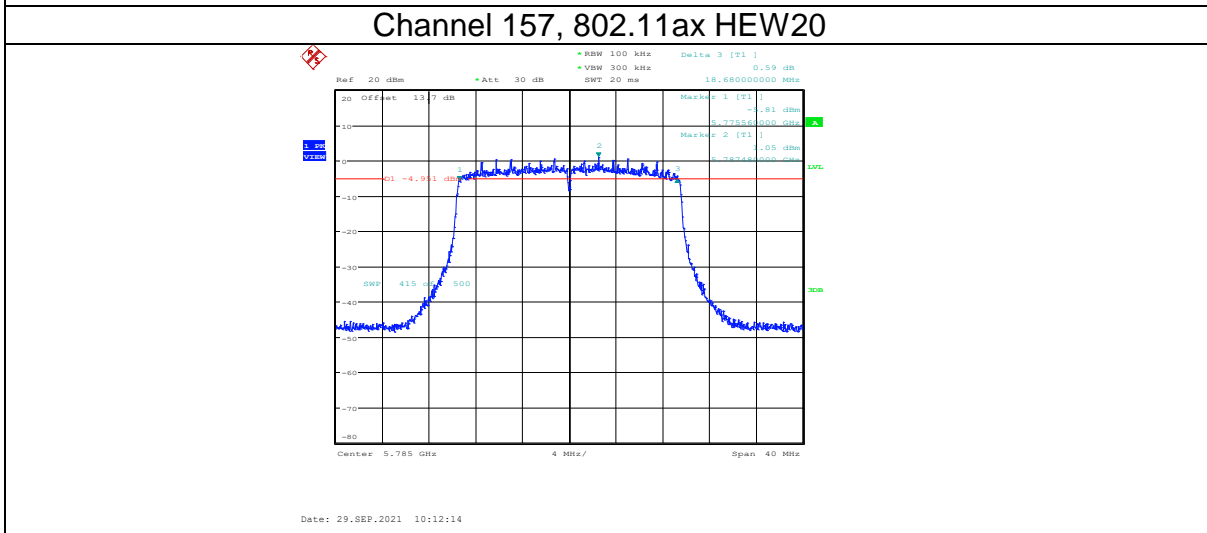
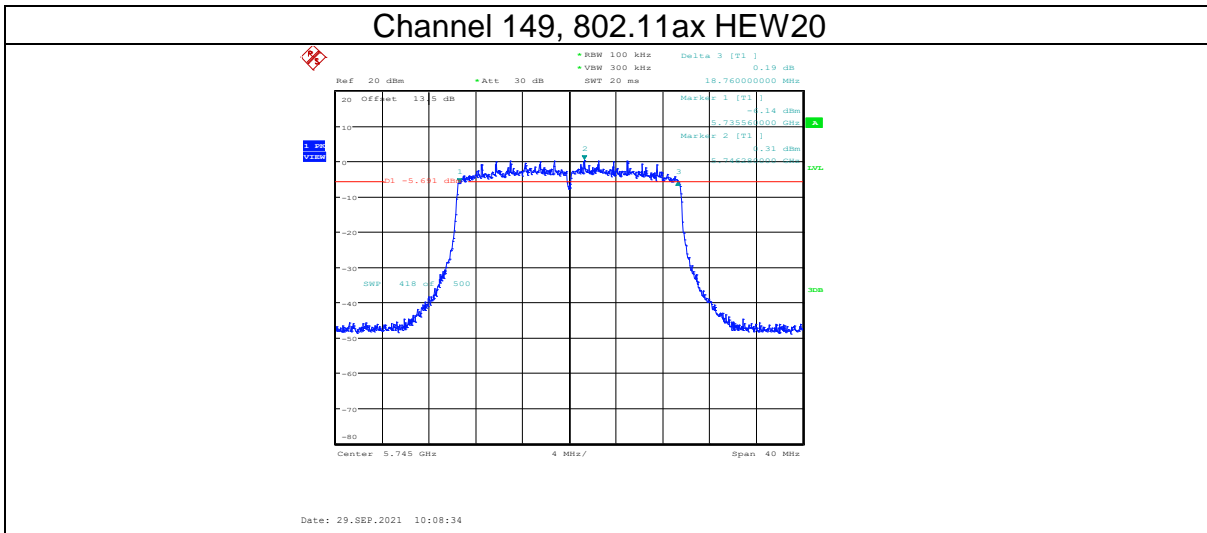
802.11ac VHT80 Mode ANT1

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
155	5775	75.680	0.5	PASS



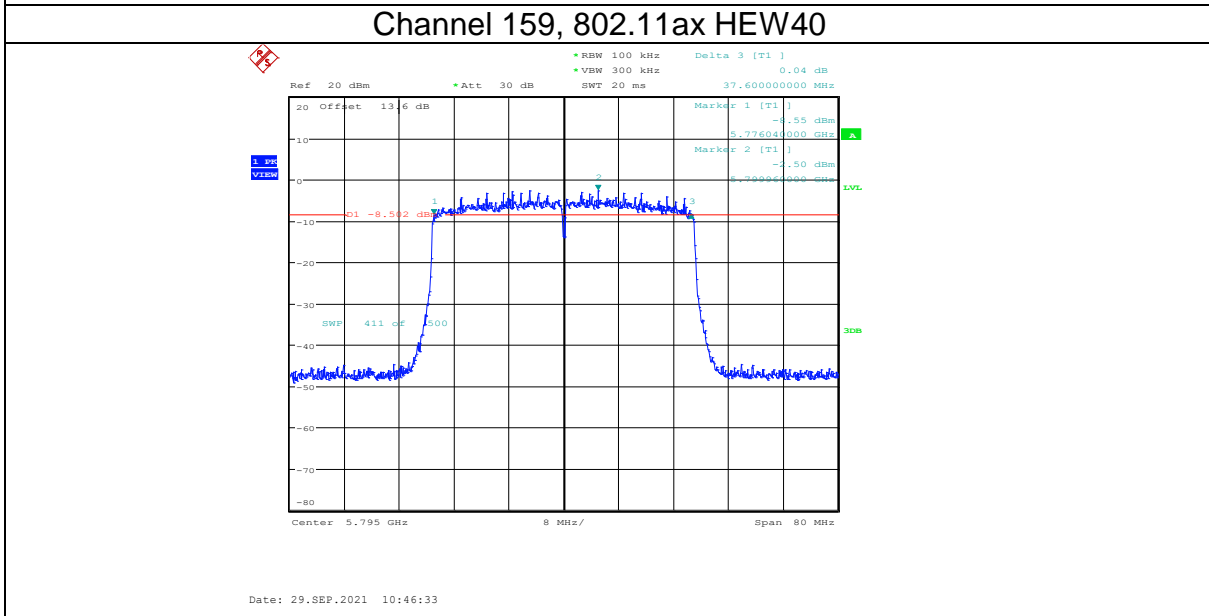
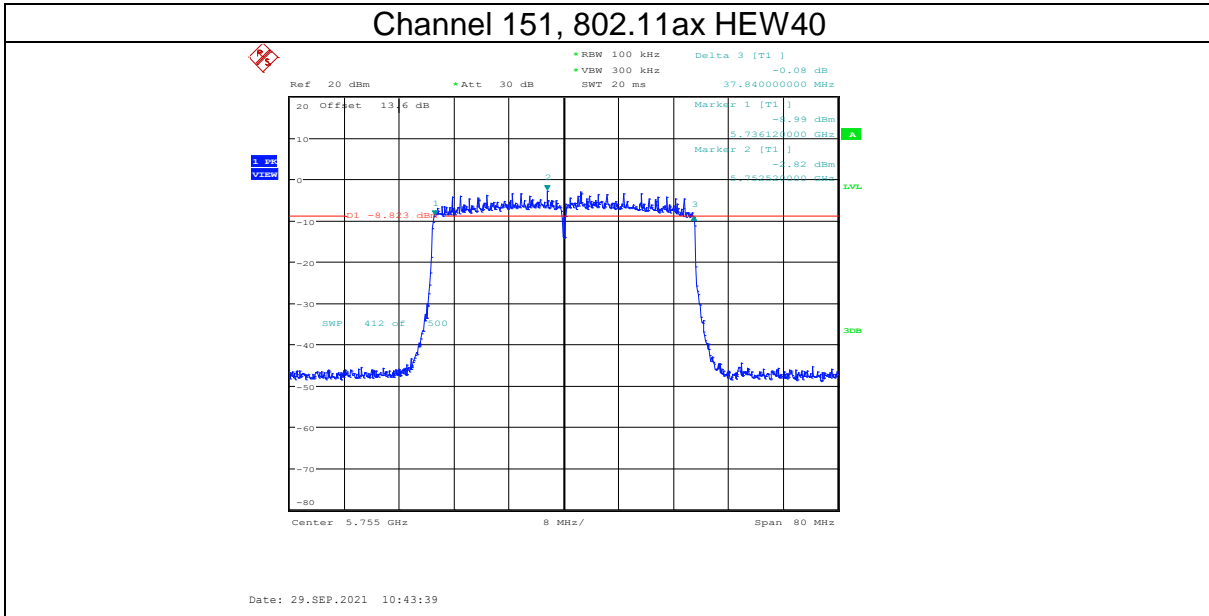
802.11ax HEW20 Mode ANT1

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
149	5745	18.760	0.5	PASS
157	5785	18.680	0.5	PASS
165	5825	18.800	0.5	PASS



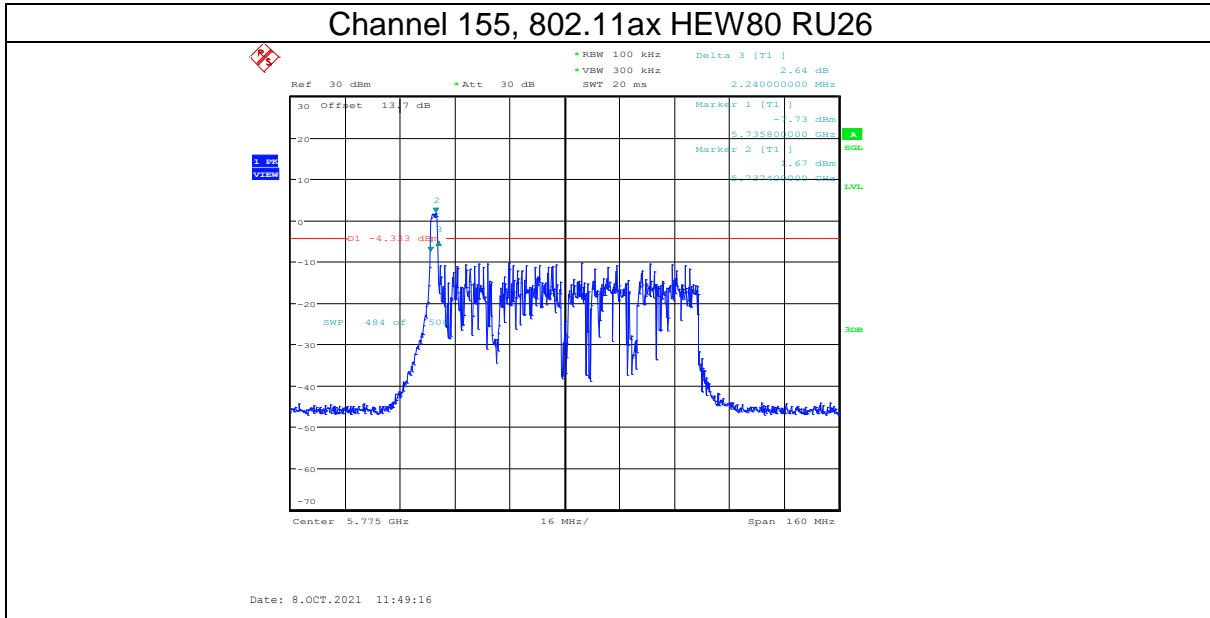
802.11ax HEW40 Mode ANT1

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
151	5755	37.840	0.5	PASS
159	5795	37.600	0.5	PASS



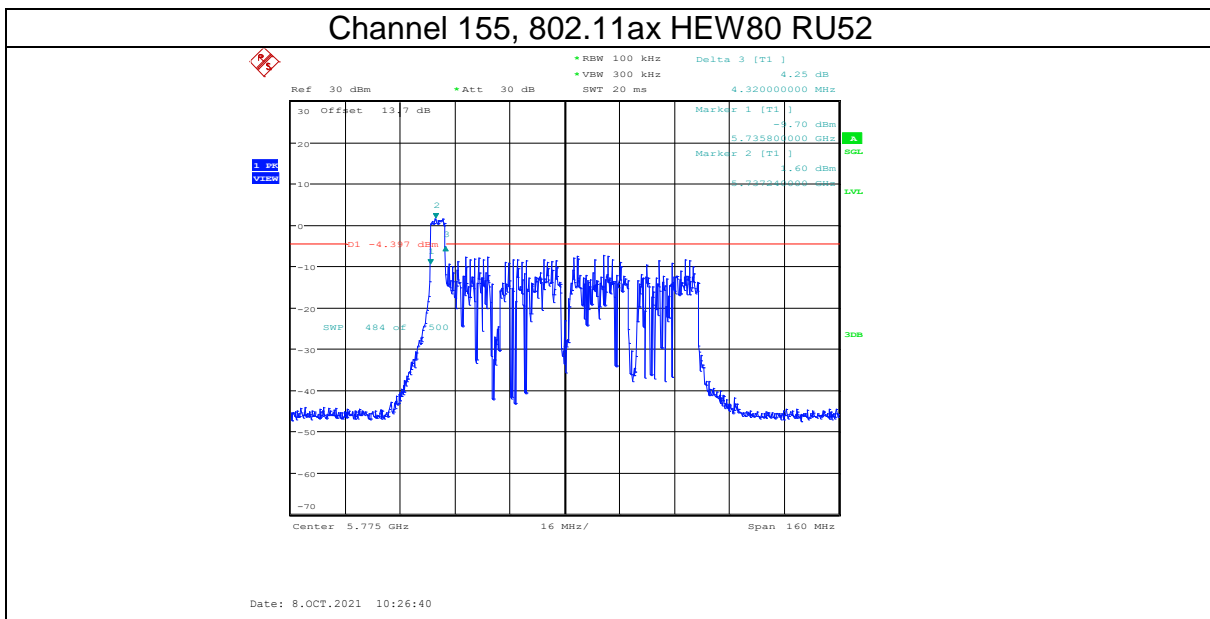
802.11ax HEW80 RU26 Mode ANT1

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
155	5775	2.240	0.5	PASS



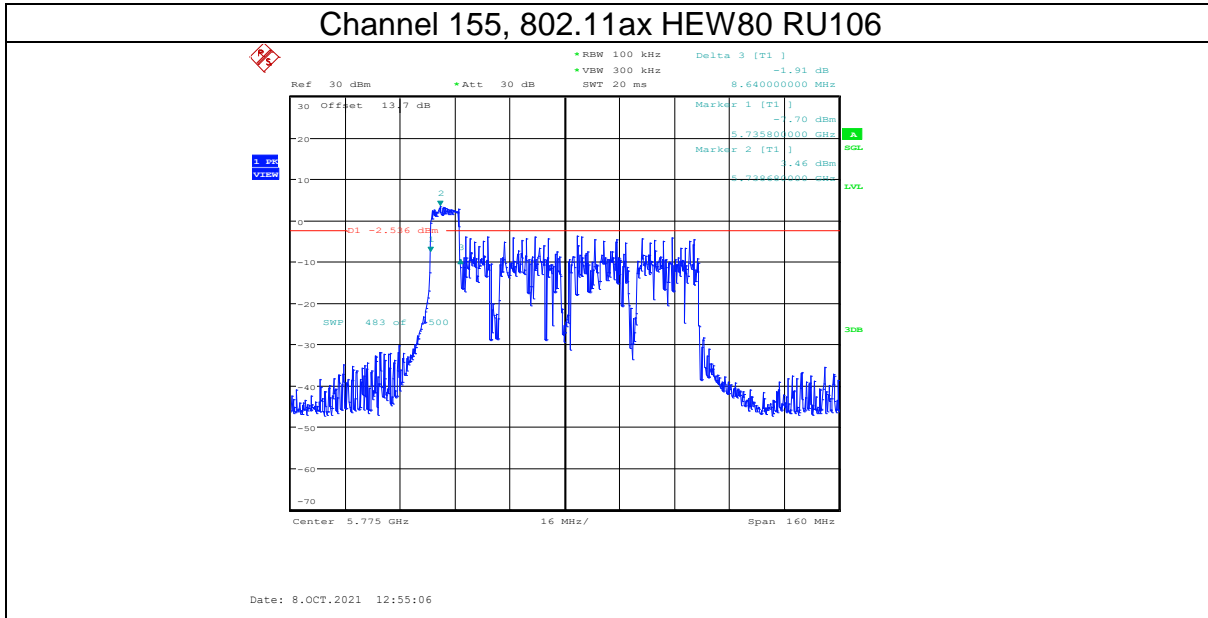
802.11ax HEW80 RU52 Mode ANT1

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
155	5775	4.320	0.5	PASS



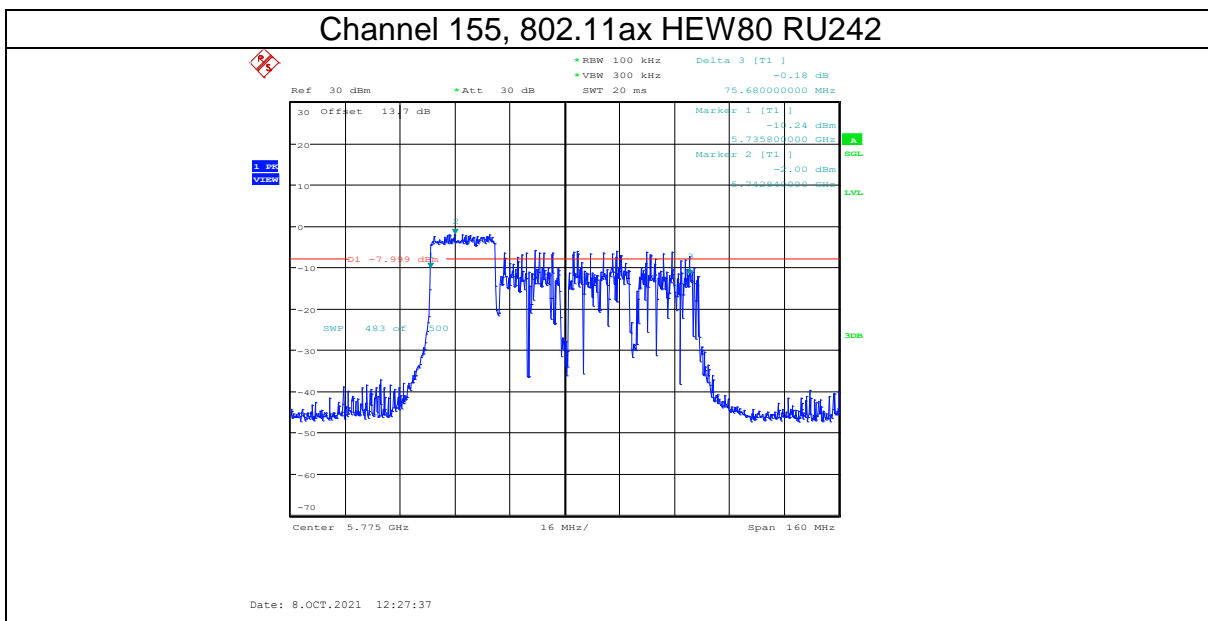
802.11ax HEW80 RU106 Mode ANT1

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
155	5775	8.640	0.5	PASS



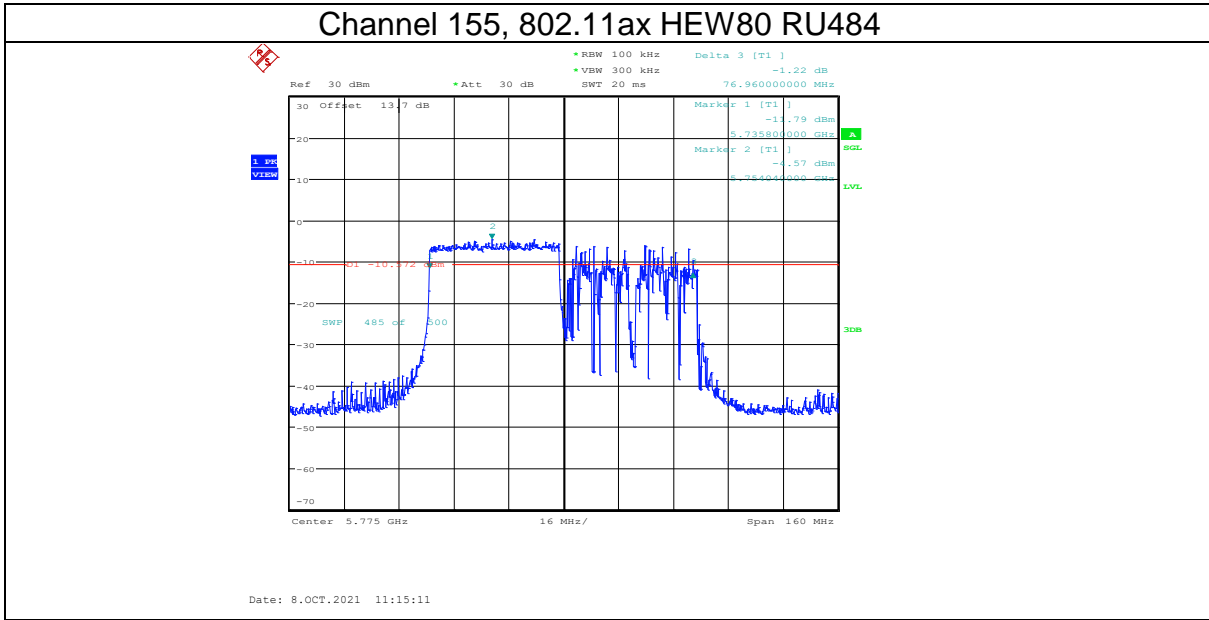
802.11ax HEW80 RU242 Mode ANT1

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
155	5775	75.680	0.5	PASS



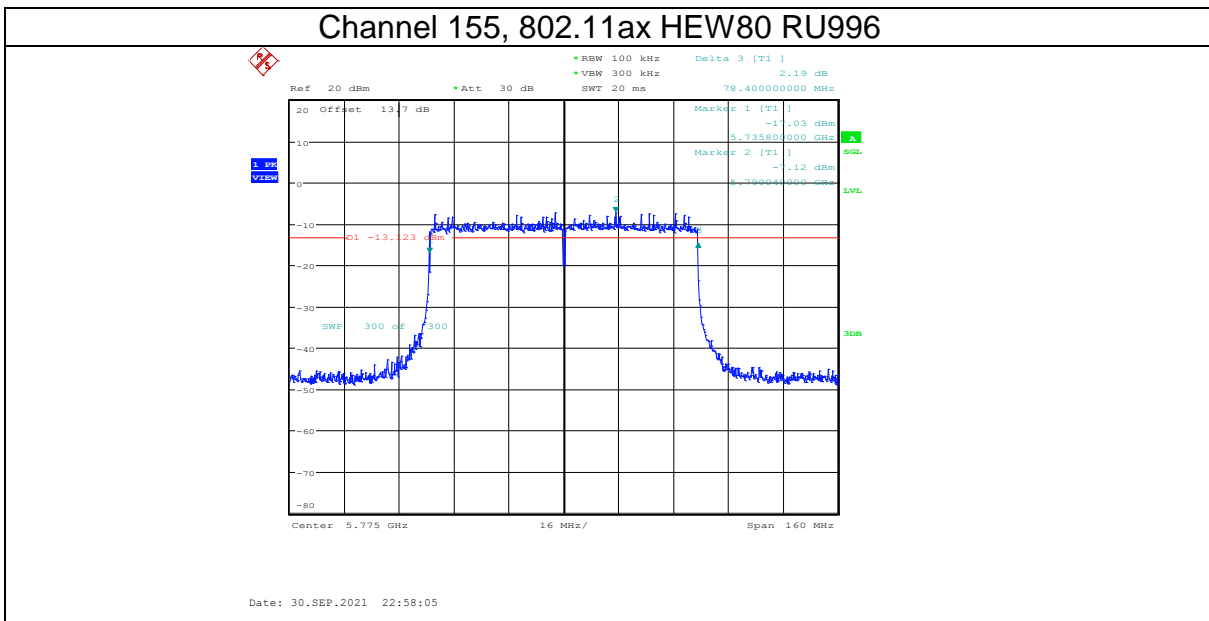
802.11ax HEW80 RU484 Mode ANT1

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
155	5775	76.960	0.5	PASS



802.11ax HEW80 RU996 Mode ANT1

Channel	Frequency (MHz)	6dB Bandwidth [MHz]	Limit[MHz]	Verdict
155	5775	78.400	0.5	PASS



7. 26DB BANDWIDTH MEASUREMENT

7.1.Limits of 26dB Bandwidth Measurement

None; for reporting purposes only.

7.2.Test Setup

- a) Set RBW = approximately 1% of the emission bandwidth.
- b) Set the VBW > RBW.
- c) Detector = Peak.
- d) Trace mode = max hold.
- e) Measure the maximum width of the emission that is 26 dB down from the maximum of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

7.3.Test Setup



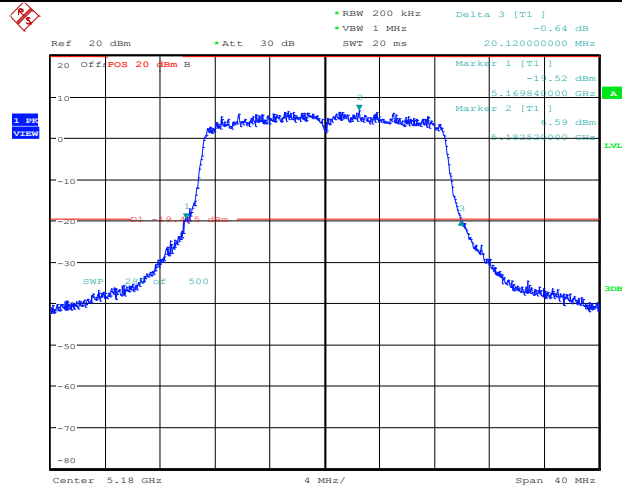
7.4.Test Data

26dB Bandwidth Test Data

802.11a Mode ANT0

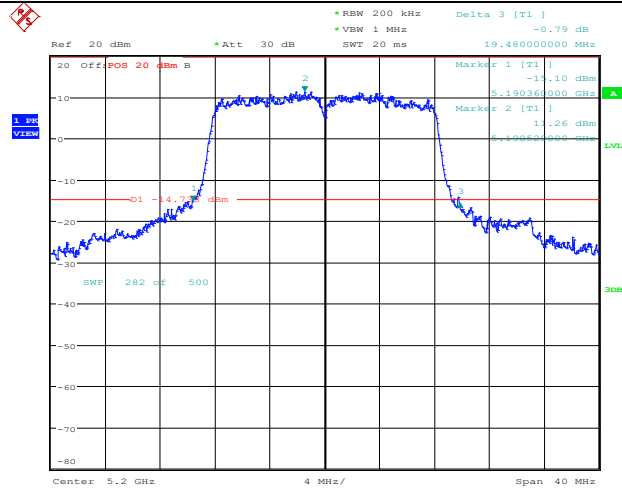
Channel	Frequency (MHz)	26dB Bandwidth [MHz]	Limit[MHz]	Verdict
36	5180	20.120	---	PASS
40	5200	19.480	---	PASS
48	5240	20.040	---	PASS
52	5260	20.560	---	PASS
56	5280	20.160	---	PASS
64	5320	20.440	---	PASS
100	5500	20.440	---	PASS
116	5580	20.520	---	PASS
140	5700	21.040	---	PASS
149	5745	19.040	---	PASS
157	5785	18.640	---	PASS
165	5825	18.760	---	PASS

Channel 36, 802.11a



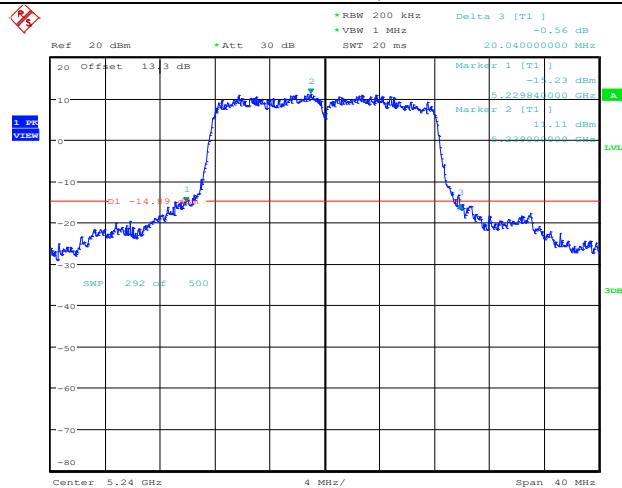
Date: 29.SEP.2021 16:41:43

Channel 40, 802.11a



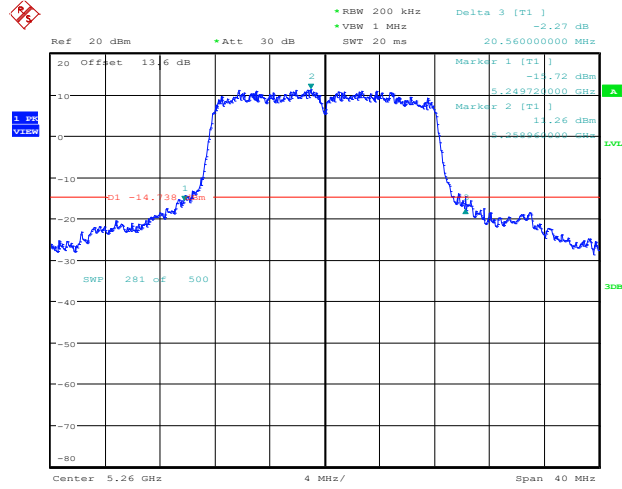
Date: 7.SEP.2021 11:13:52

Channel 48, 802.11a



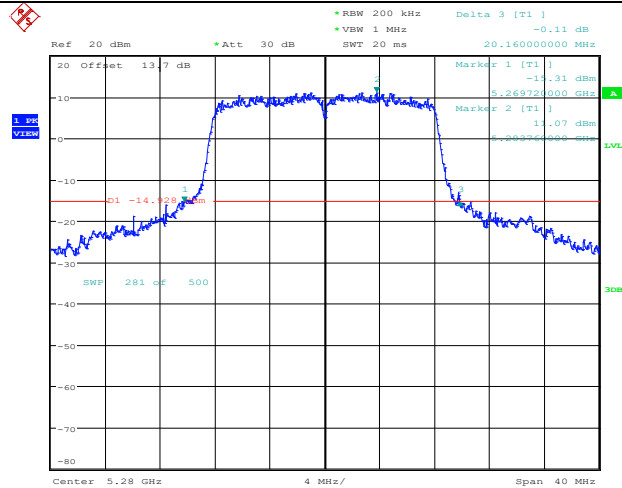
Date: 7.SEP.2021 11:21:53

Channel 52, 802.11a



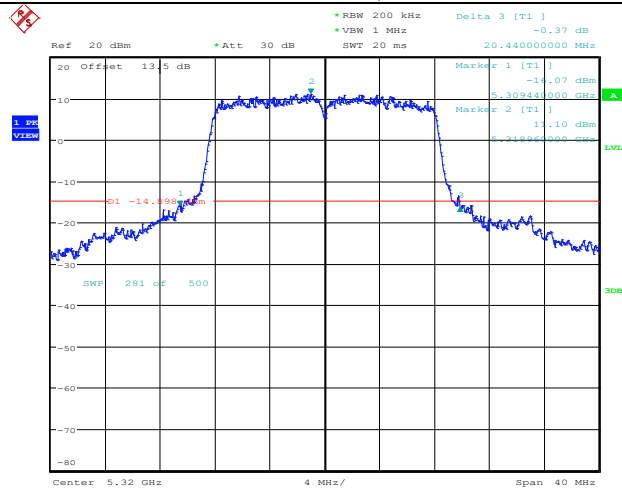
Date: 7.SEP.2021 11:23:49

Channel 56, 802.11a



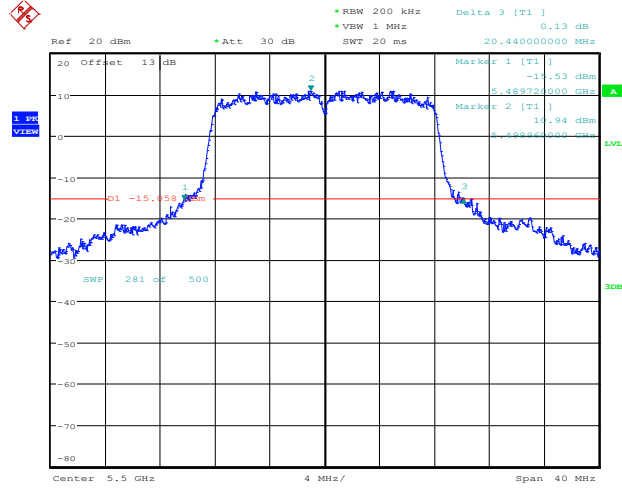
Date: 7.SEP.2021 11:26:33

Channel 64, 802.11a



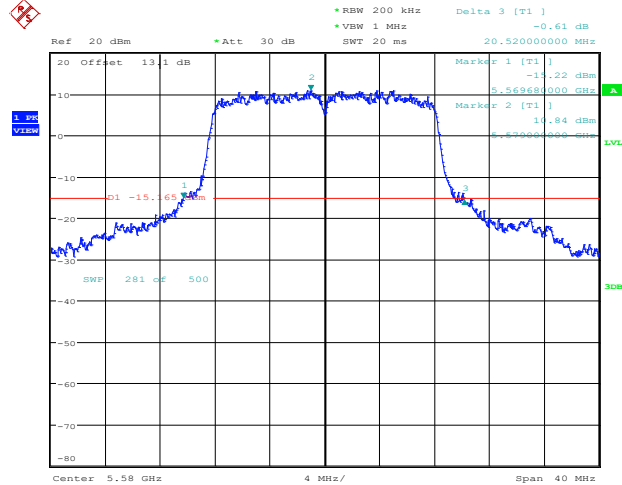
Date: 7.SEP.2021 11:28:17

Channel 100, 802.11a



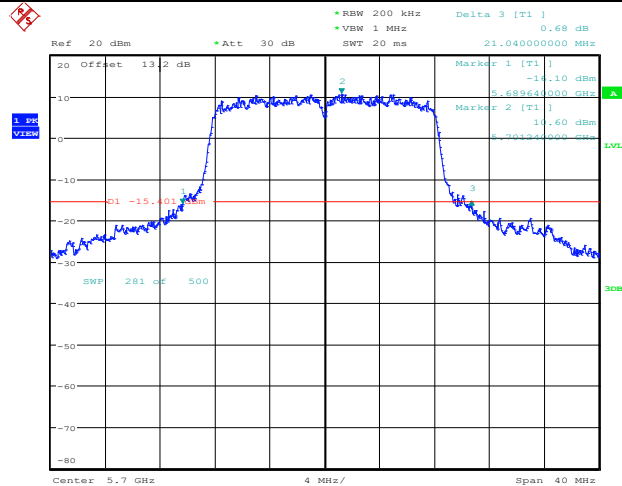
Date: 7.SEP.2021 11:32:44

Channel 116, 802.11a



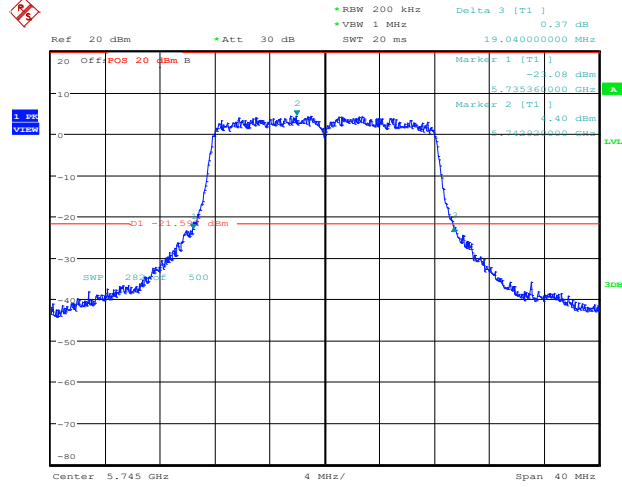
Date: 7.SEP.2021 11:37:11

Channel 140, 802.11a



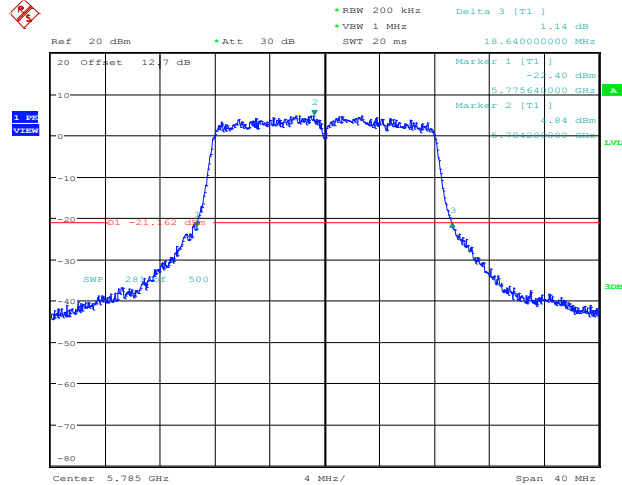
Date: 7.SEP.2021 11:39:00

Channel 149, 802.11a



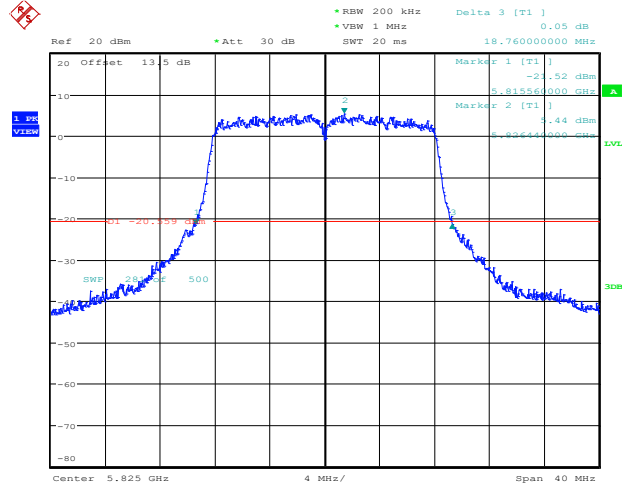
Date: 7.SEP.2021 16:01:27

Channel 157, 802.11a



Date: 7.SEP.2021 16:03:46

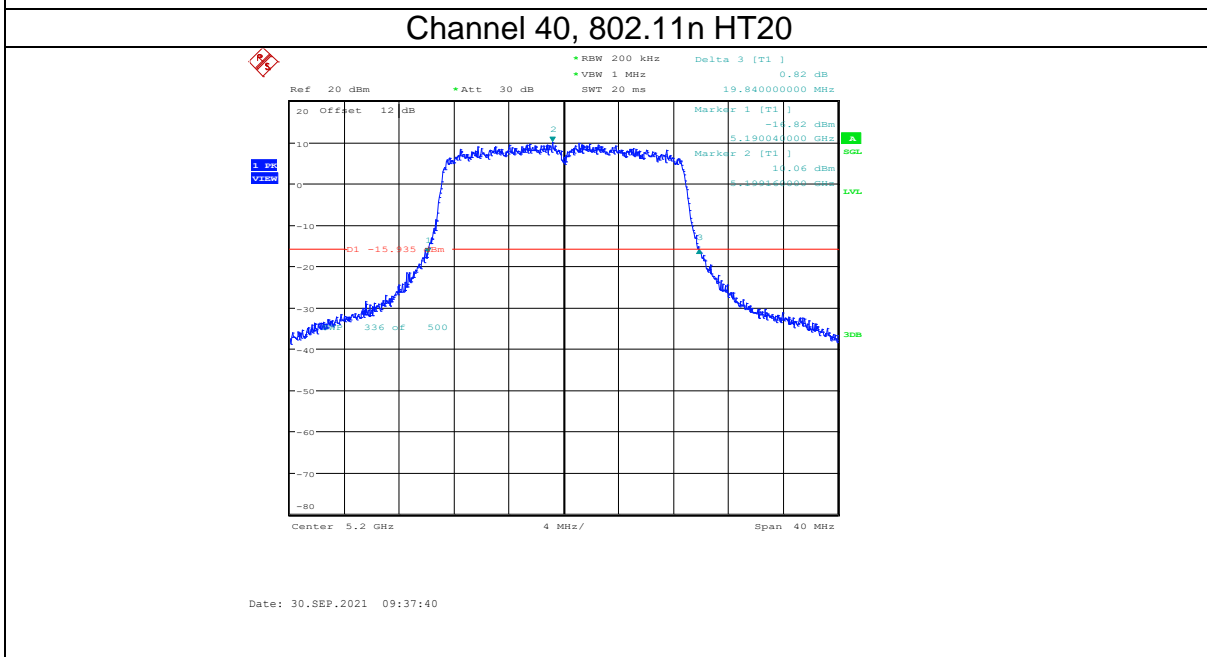
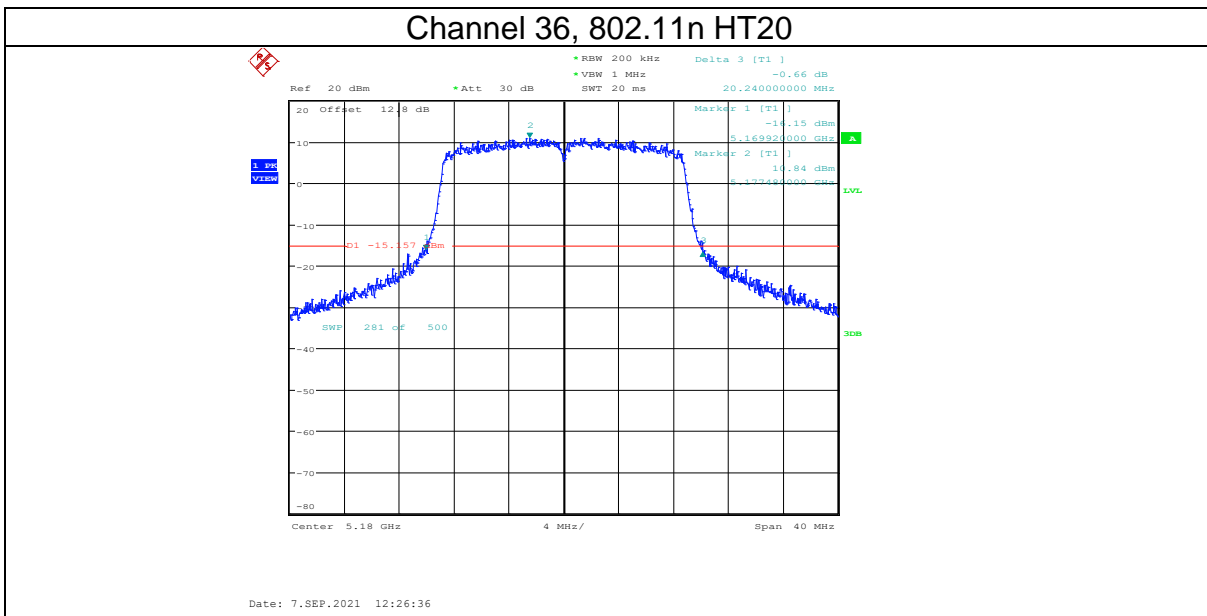
Channel 165, 802.11a



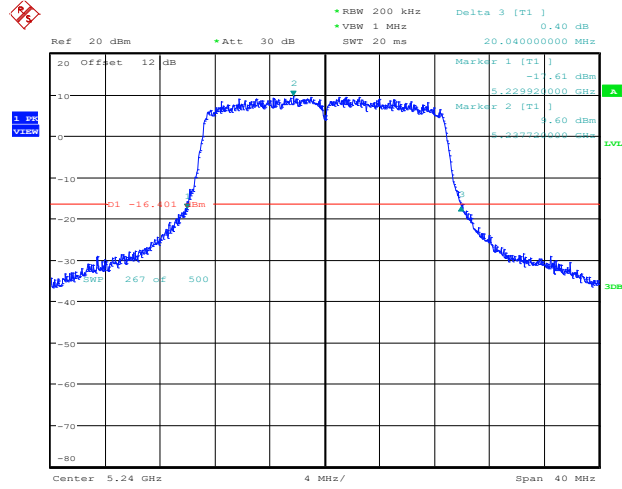
Date: 7.SEP.2021 16:05:48

802.11n HT20 Mode ANTO

Channel	Frequency (MHz)	26dB Bandwidth [MHz]	Limit[MHz]	Verdict
36	5180	20.240	---	PASS
40	5200	19.840	---	PASS
48	5240	20.040	---	PASS
52	5260	20.120	---	PASS
56	5280	20.160	---	PASS
64	5320	20.120	---	PASS
100	5500	20.400	---	PASS
116	5580	20.440	---	PASS
140	5700	20.160	---	PASS
149	5745	20.040	---	PASS
157	5785	19.840	---	PASS
165	5825	20.240	---	PASS

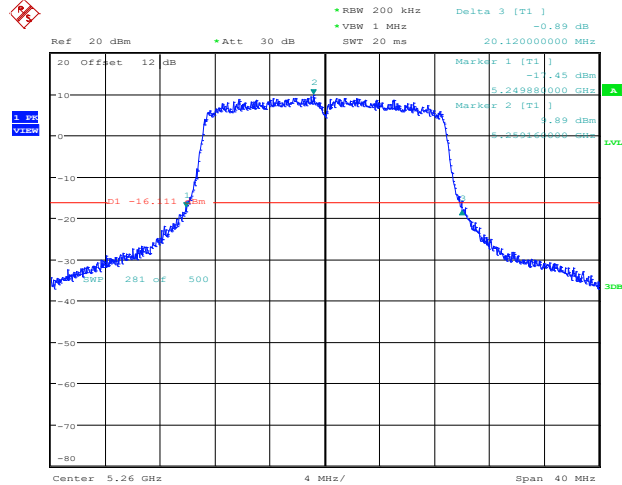


Channel 48, 802.11n HT20



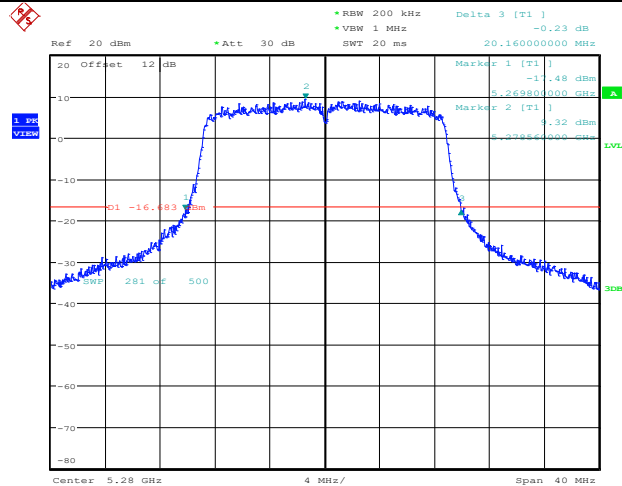
Date: 29.SEP.2021 17:38:28

Channel 52, 802.11n HT20



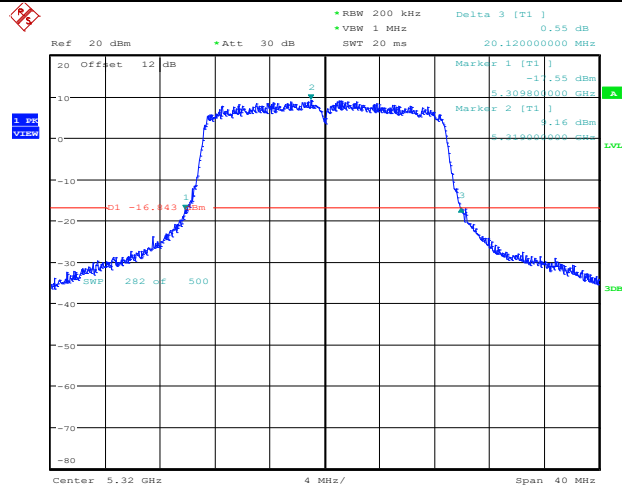
Date: 29.SEP.2021 17:39:56

Channel 56, 802.11n HT20



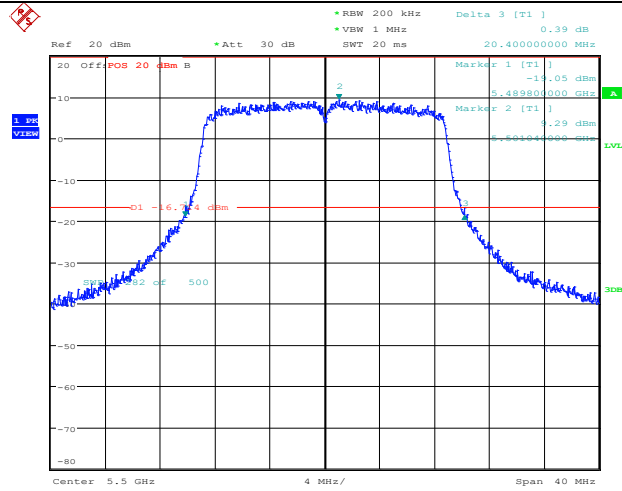
Date: 29.SEP.2021 17:41:07

Channel 64, 802.11n HT20



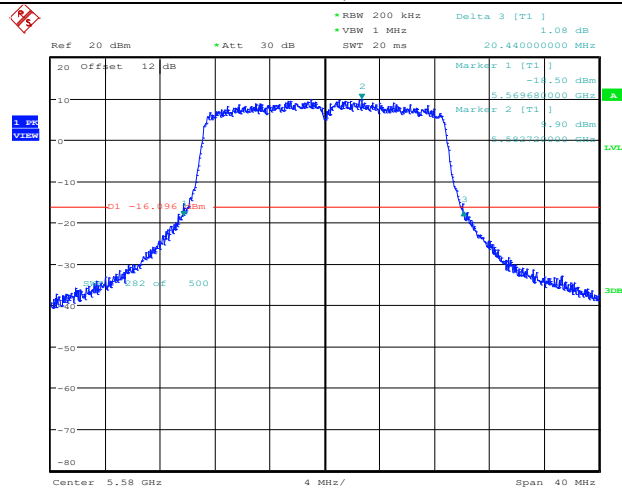
Date: 29.SEP.2021 17:42:42

Channel 100, 802.11n HT20



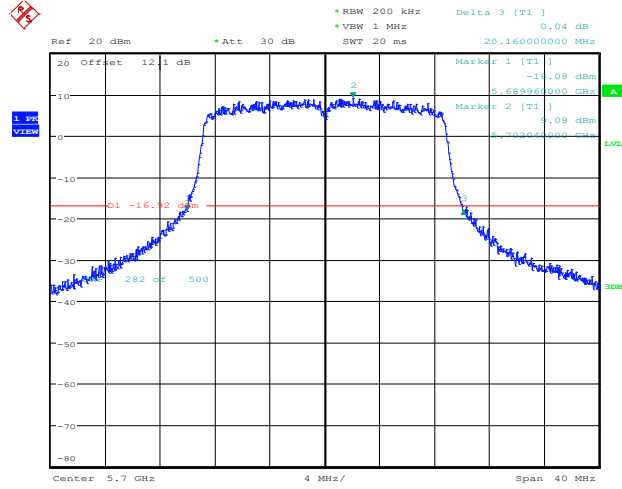
Date: 29.SEP.2021 17:44:00

Channel 116, 802.11n HT20



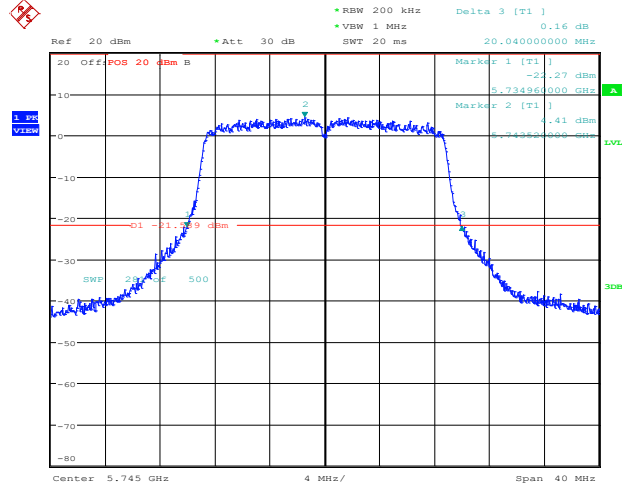
Date: 29.SEP.2021 17:45:12

Channel 140, 802.11n HT20



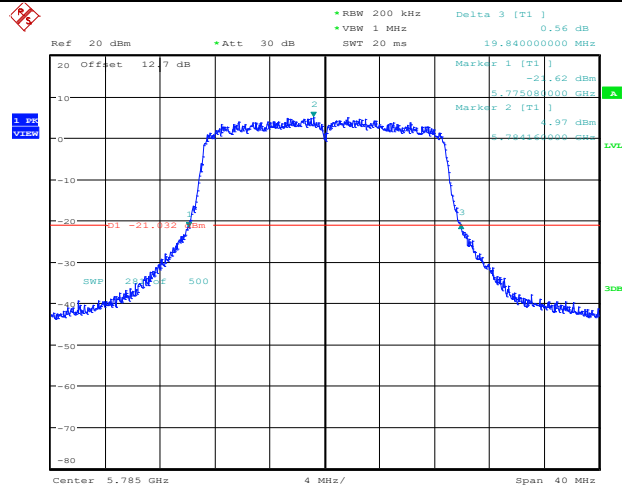
Date: 29.SEP.2021 17:46:24

Channel 149, 802.11n HT20

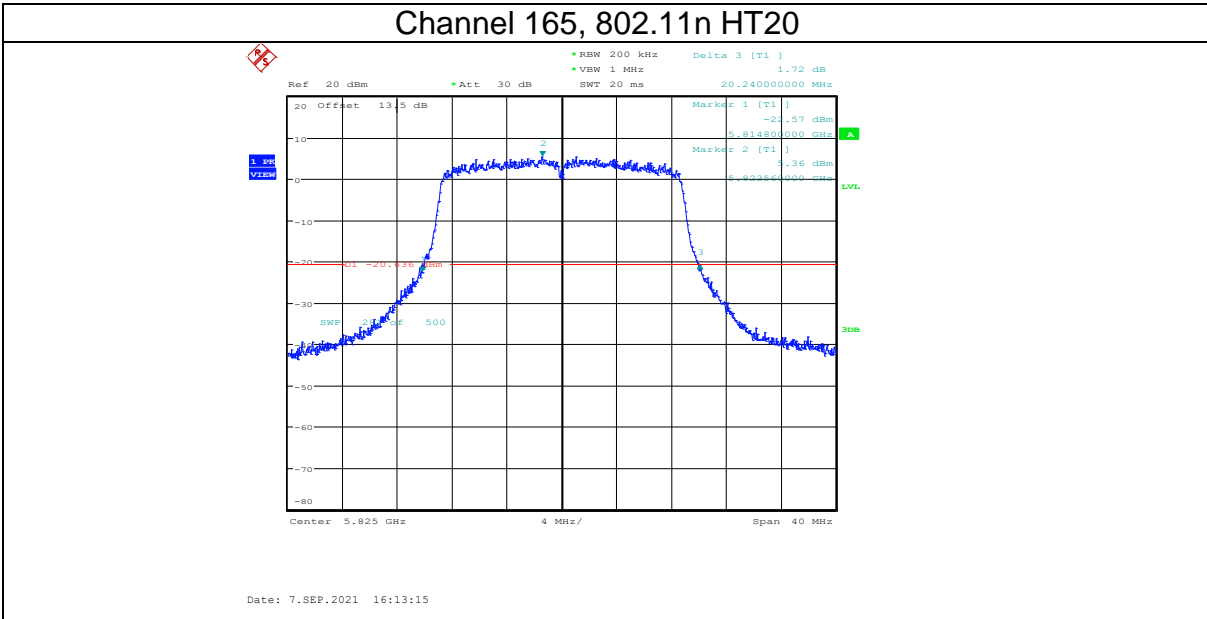


Date: 7.SEP.2021 16:08:27

Channel 157, 802.11n HT20

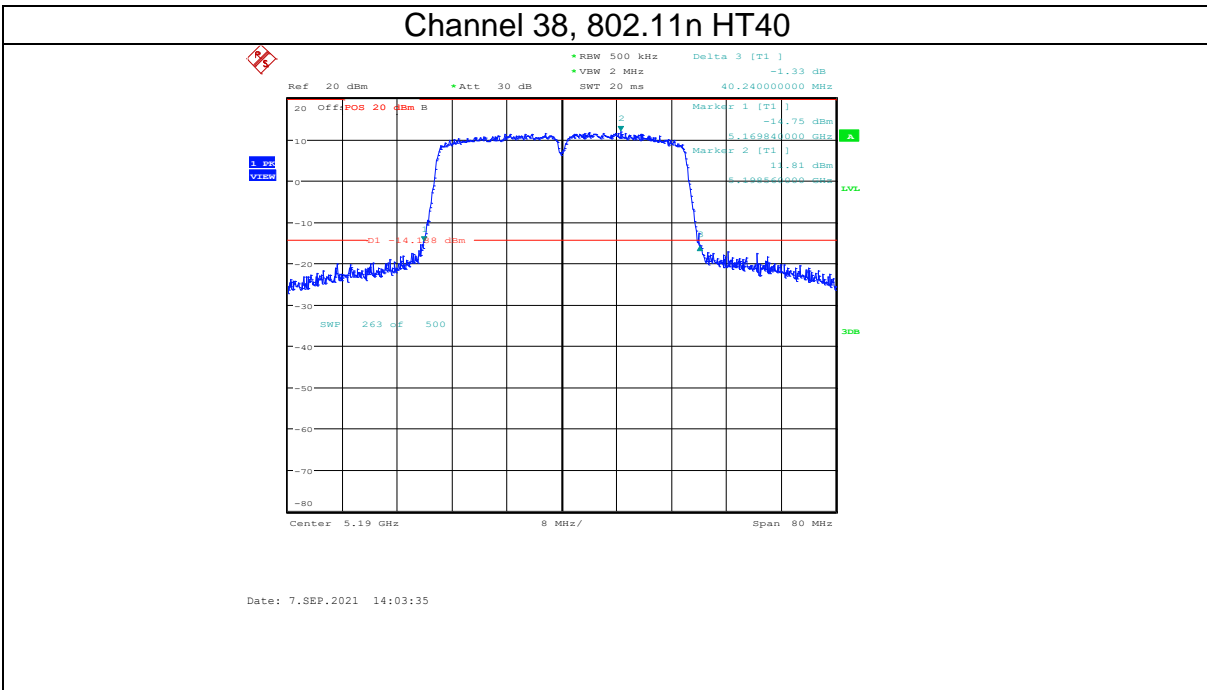


Date: 7.SEP.2021 16:11:03

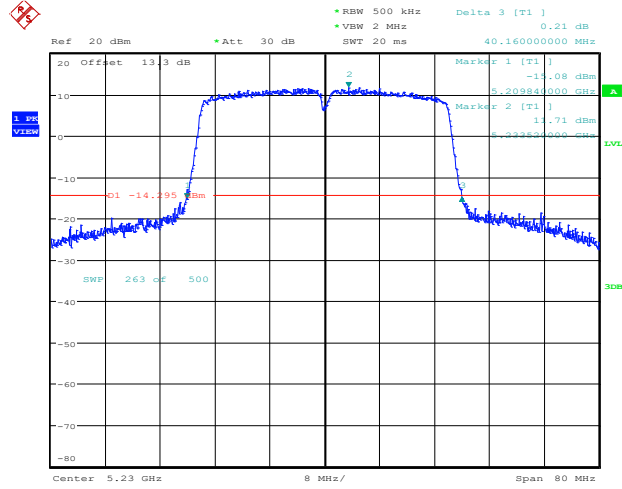


802.11n HT40 Mode ANTO

Channel	Frequency (MHz)	26dB Bandwidth [MHz]	Limit[MHz]	Verdict
38	5190	40.240	---	PASS
46	5230	40.160	---	PASS
54	5270	40.320	---	PASS
62	5310	40.400	---	PASS
102	5510	40.160	---	PASS
110	5550	40.480	---	PASS
134	5670	40.800	---	PASS
151	5755	40.000	---	PASS
159	5795	39.840	---	PASS

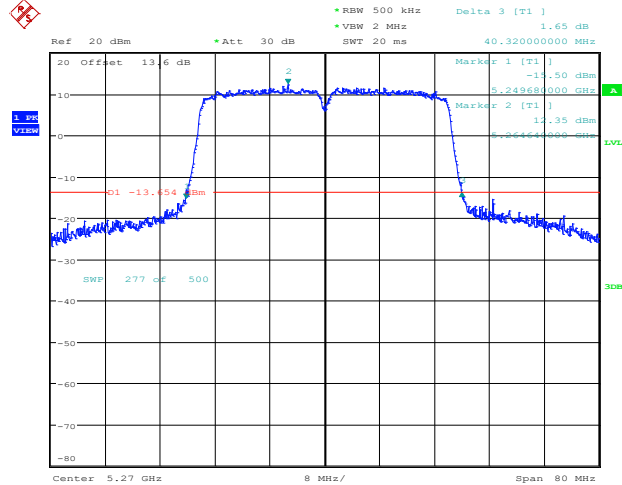


Channel 46, 802.11n HT40



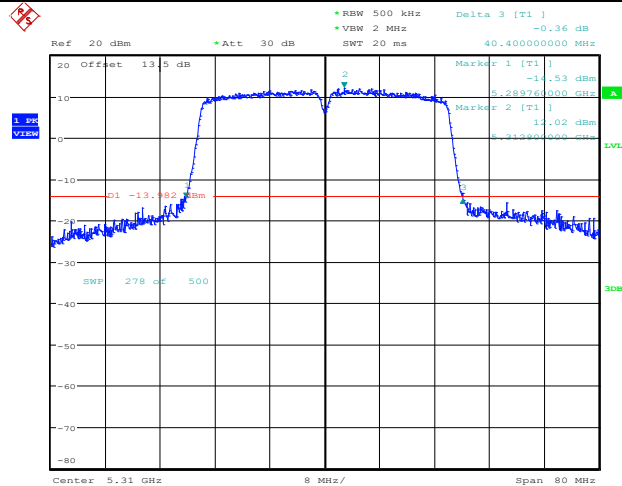
Date: 7.SEP.2021 14:06:12

Channel 54, 802.11n HT40



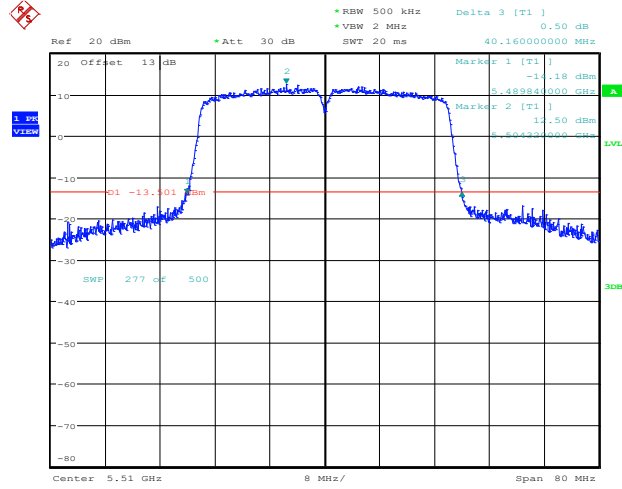
Date: 7.SEP.2021 14:08:26

Channel 62, 802.11n HT40



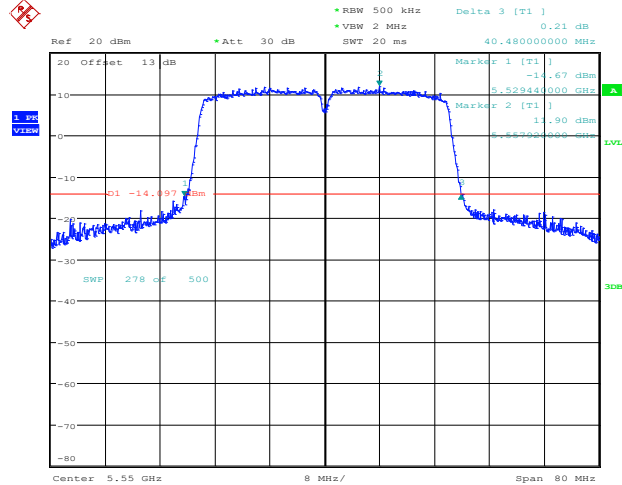
Date: 7.SEP.2021 14:10:41

Channel 102, 802.11n HT40



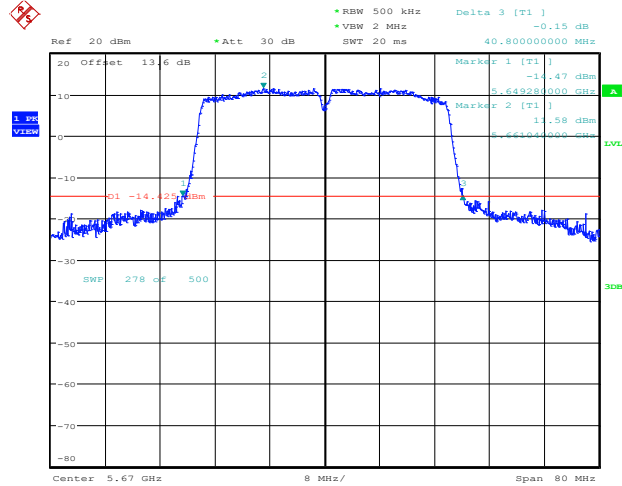
Date: 7.SEP.2021 14:12:38

Channel 110, 802.11n HT40

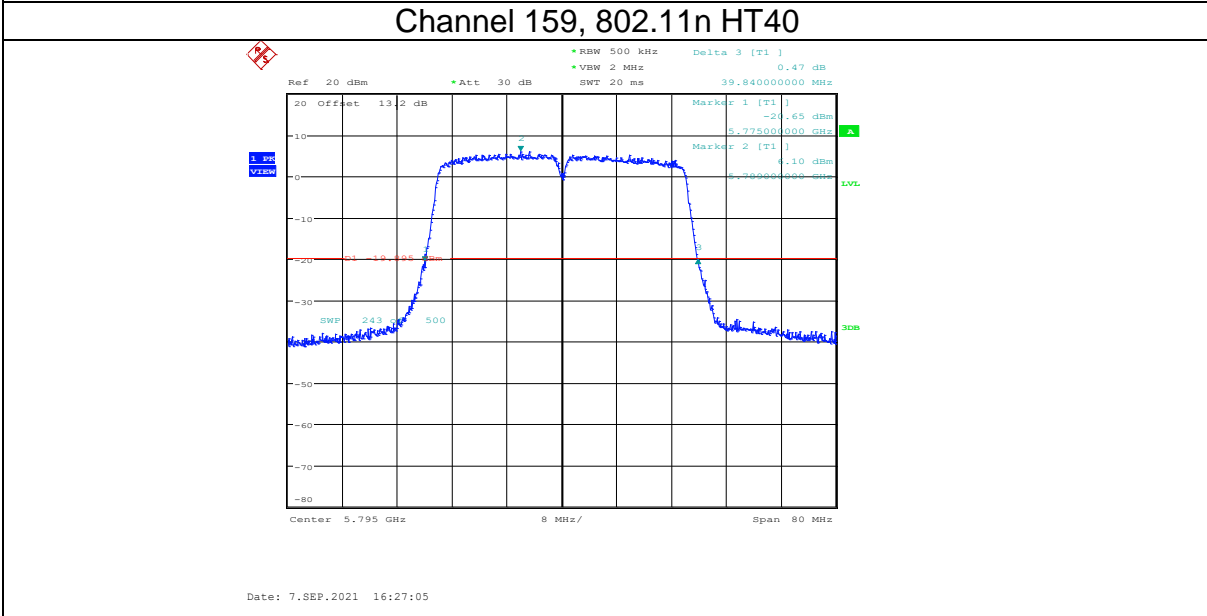
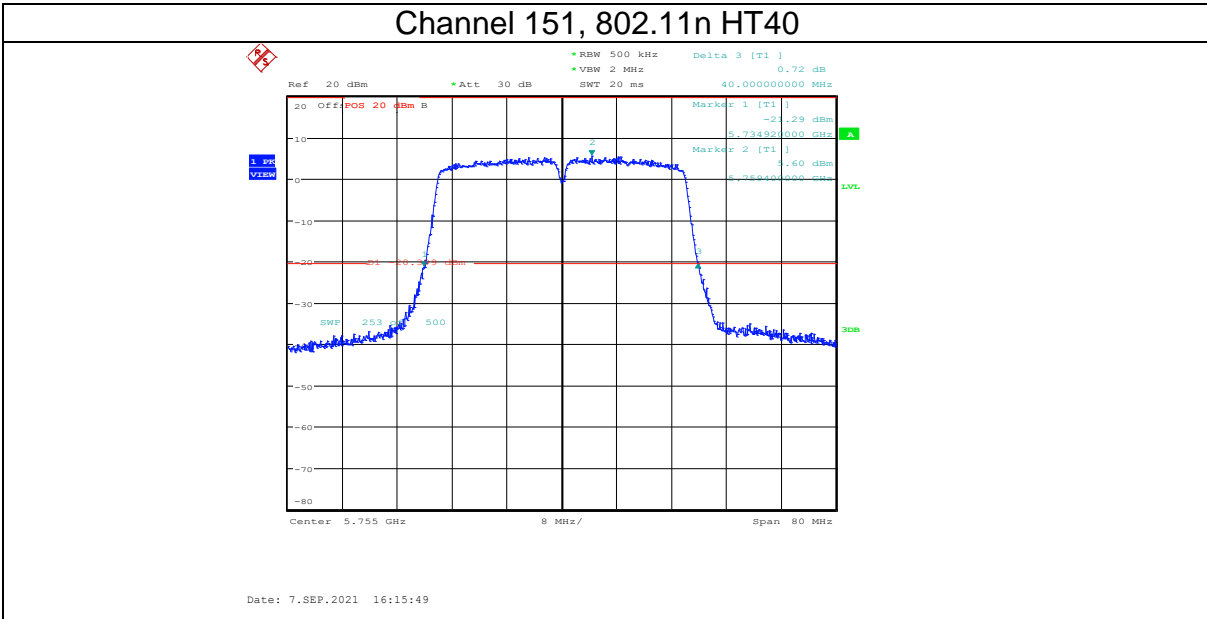


Date: 7.SEP.2021 14:15:18

Channel 134, 802.11n HT40



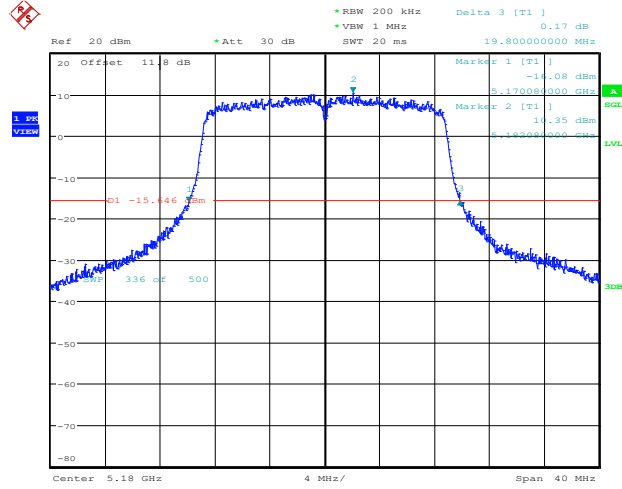
Date: 7.SEP.2021 18:03:30



802.11ac VHT20 Mode ANT0

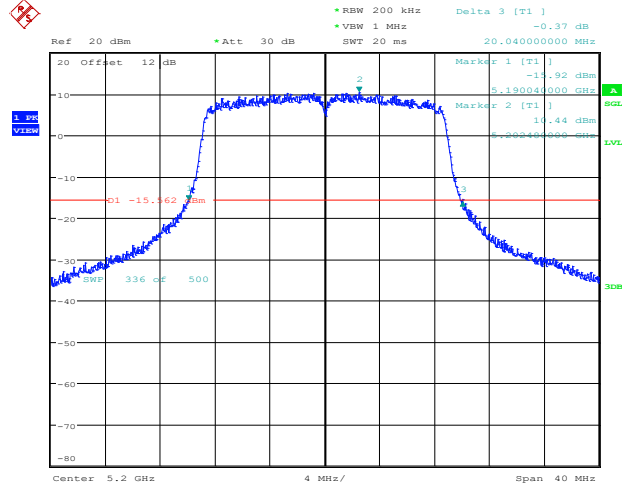
Channel	Frequency (MHz)	26dB Bandwidth [MHz]	Limit[MHz]	Verdict
36	5180	19.800	---	PASS
40	5200	20.040	---	PASS
48	5240	20.240	---	PASS
52	5260	20.200	---	PASS
56	5280	20.200	---	PASS
64	5320	19.880	---	PASS
100	5500	20.160	---	PASS
116	5580	20.280	---	PASS
140	5700	20.480	---	PASS
149	5745	19.880	---	PASS
157	5785	19.960	---	PASS
165	5825	19.840	---	PASS

Channel 36, 802.11ac VHT20



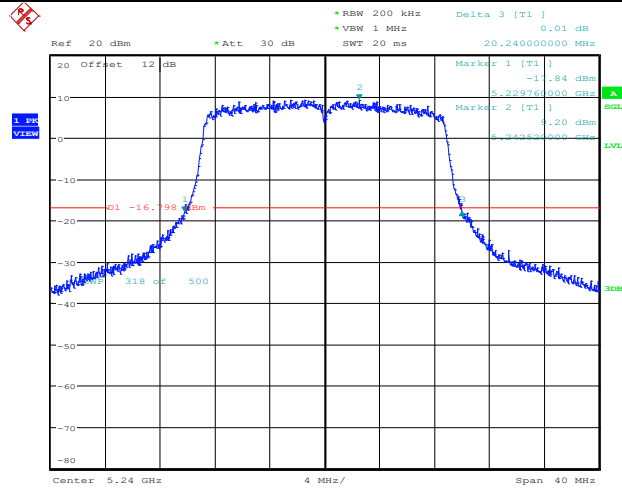
Date: 29.SEP.2021 20:22:13

Channel 40, 802.11ac VHT20



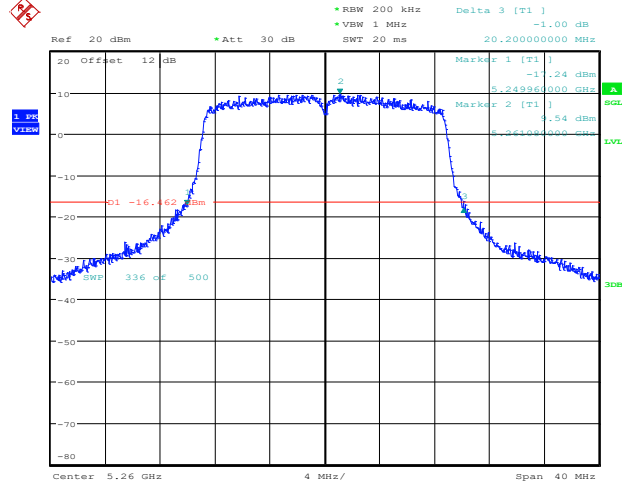
Date: 29.SEP.2021 20:23:32

Channel 48, 802.11ac VHT20



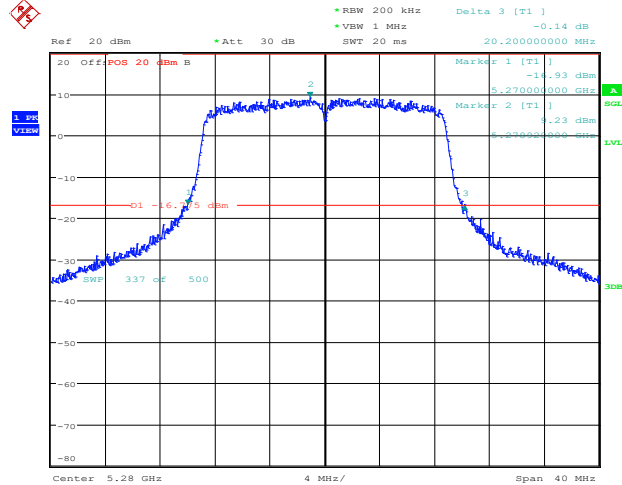
Date: 30.SEP.2021 09:56:41

Channel 52, 802.11ac VHT20



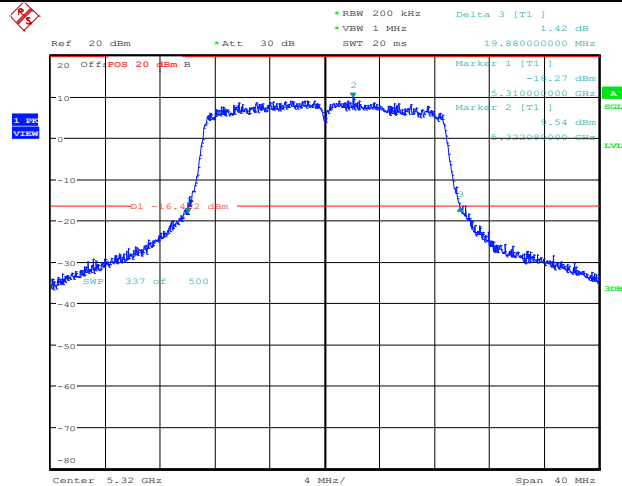
Date: 29.SEP.2021 20:26:16

Channel 56, 802.11ac VHT20



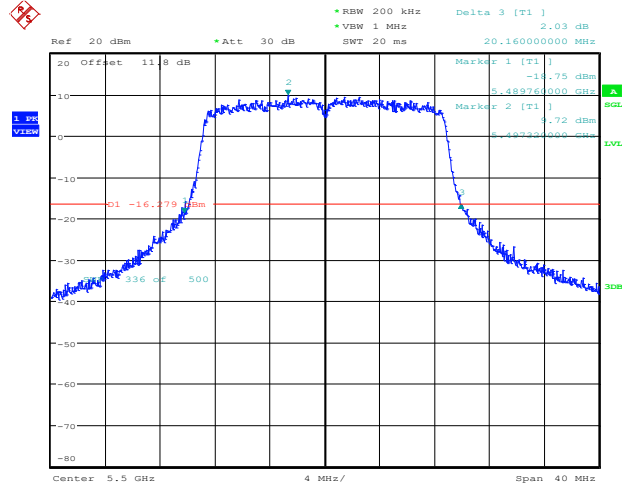
Date: 29.SEP.2021 20:27:31

Channel 64, 802.11ac VHT20



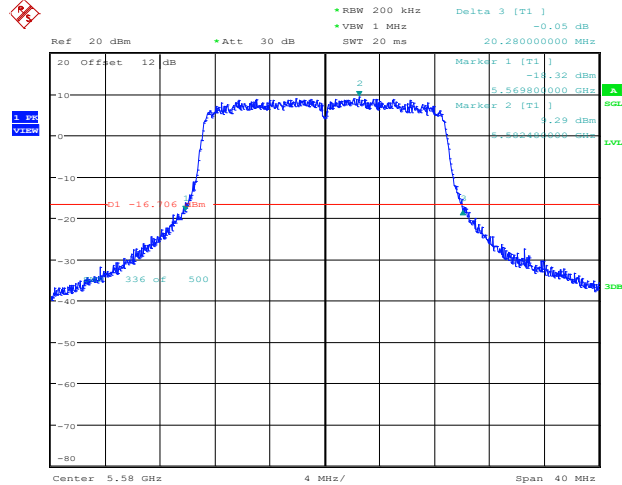
Date: 29.SEP.2021 20:30:53

Channel 100, 802.11ac VHT20



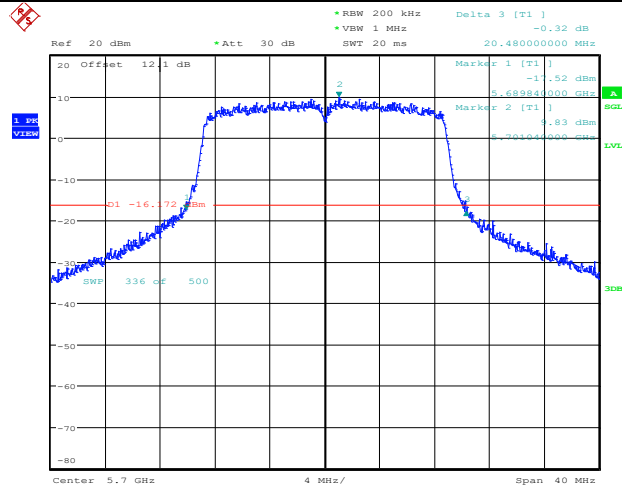
Date: 29.SEP.2021 20:32:09

Channel 116, 802.11ac VHT20



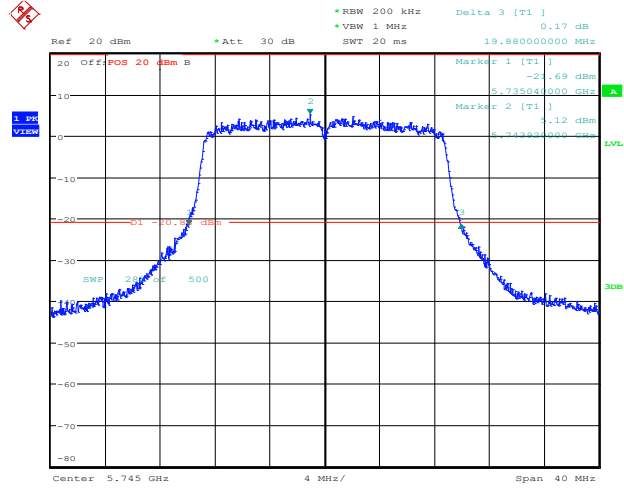
Date: 9.OCT.2021 13:14:35

Channel 140, 802.11ac VHT20



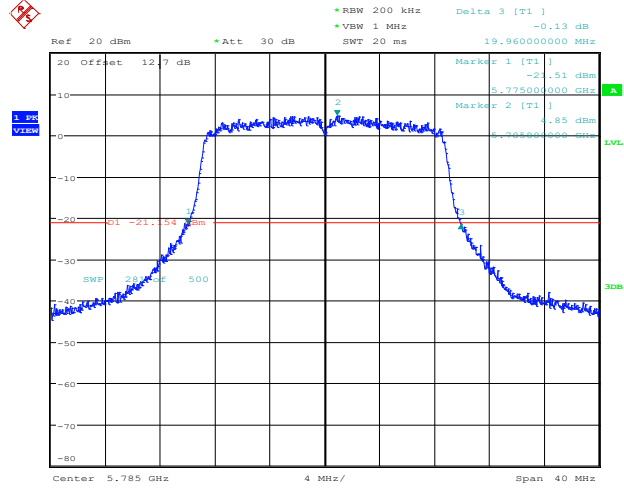
Date: 29.SEP.2021 20:34:44

Channel 149, 802.11ac VHT20



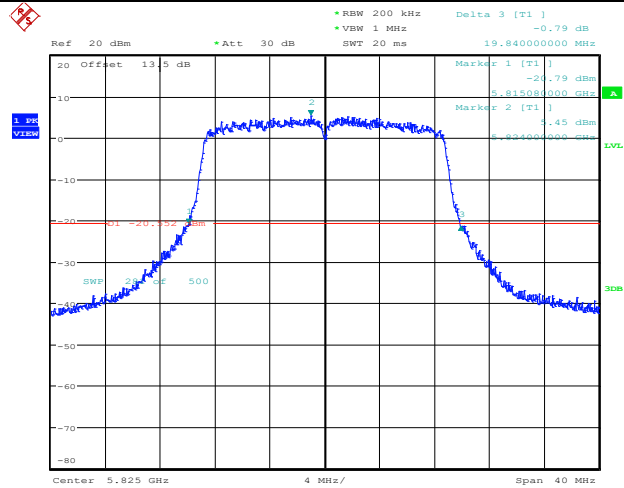
Date: 7.SEP.2021 16:41:58

Channel 157, 802.11ac VHT20



Date: 7.SEP.2021 16:44:16

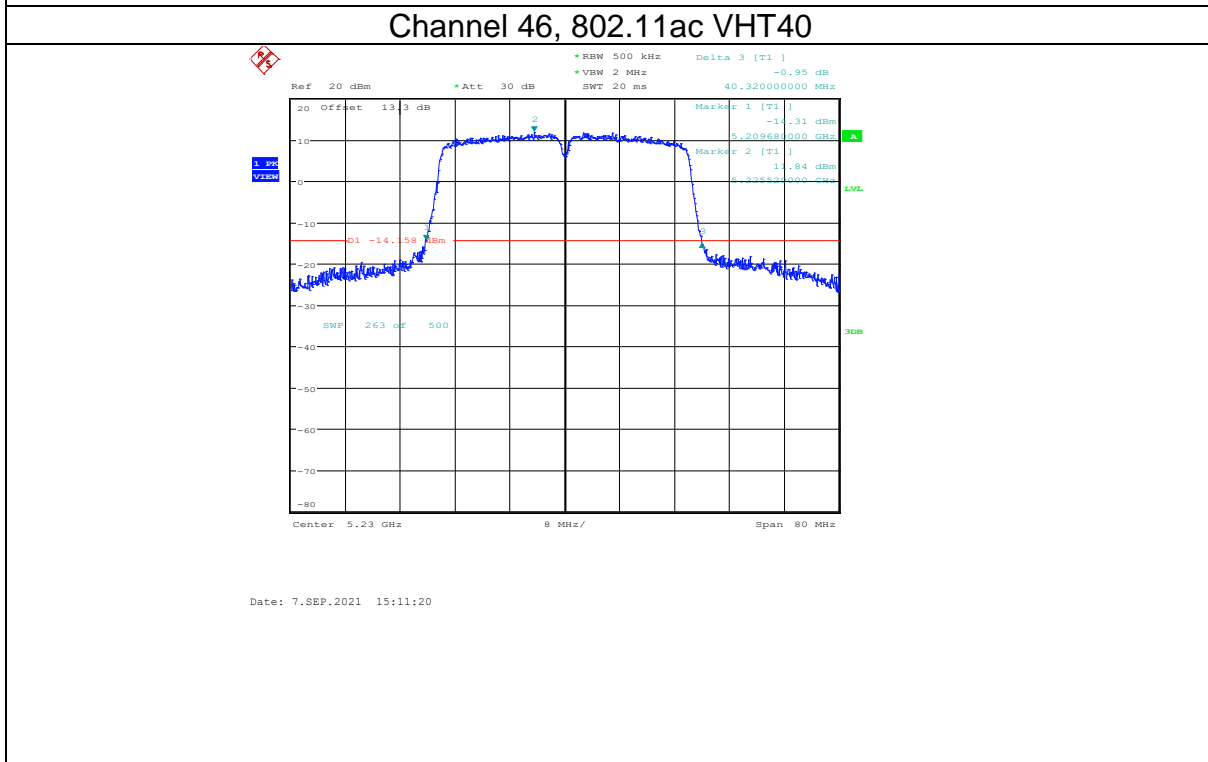
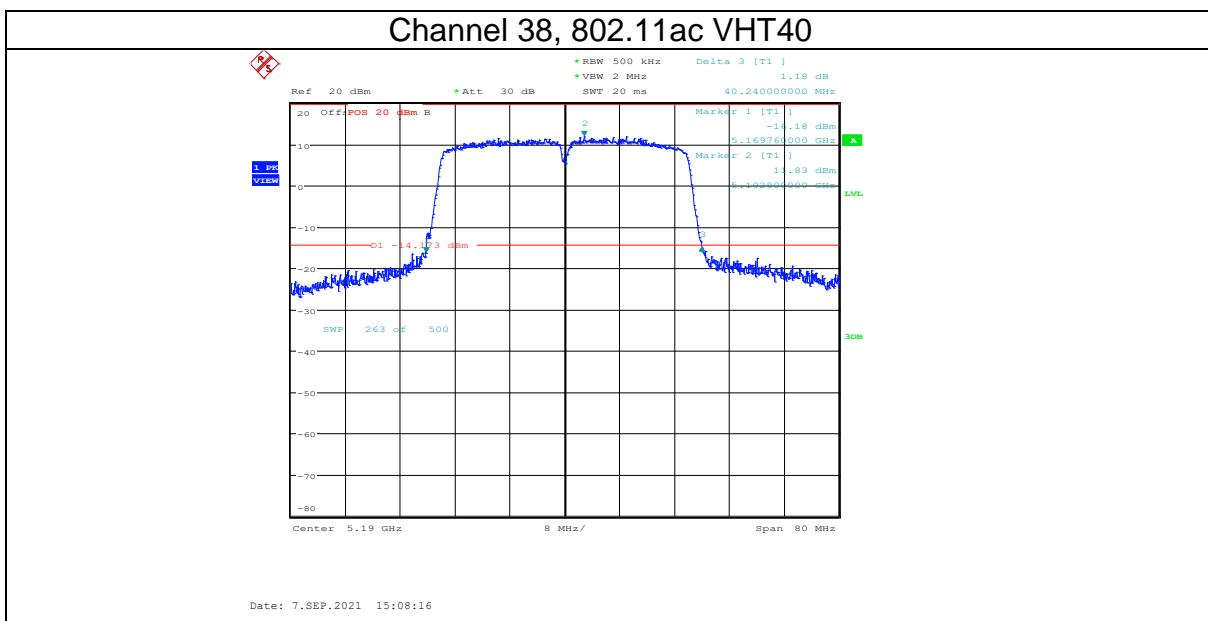
Channel 165, 802.11ac VHT20



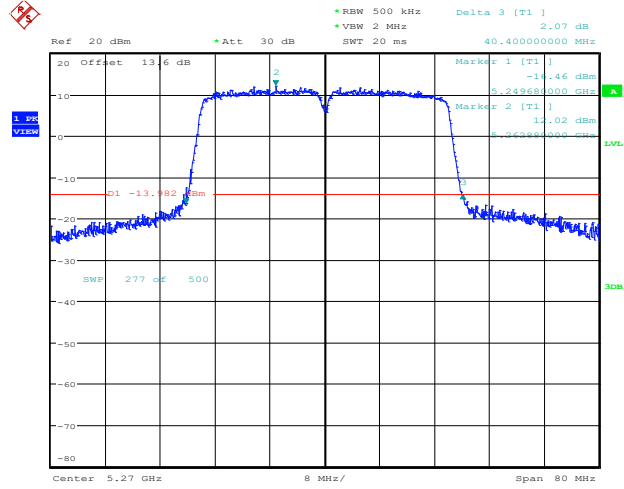
Date: 7.SEP.2021 16:46:33

802.11ac VHT40 Mode ANT0

Channel	Frequency (MHz)	26dB Bandwidth [MHz]	Limit[MHz]	Verdict
38	5190	40.240	---	PASS
46	5230	40.320	---	PASS
54	5270	40.400	---	PASS
62	5310	40.400	---	PASS
102	5510	40.400	---	PASS
110	5550	40.640	---	PASS
134	5670	40.640	---	PASS
151	5755	40.000	---	PASS
159	5795	40.240	---	PASS

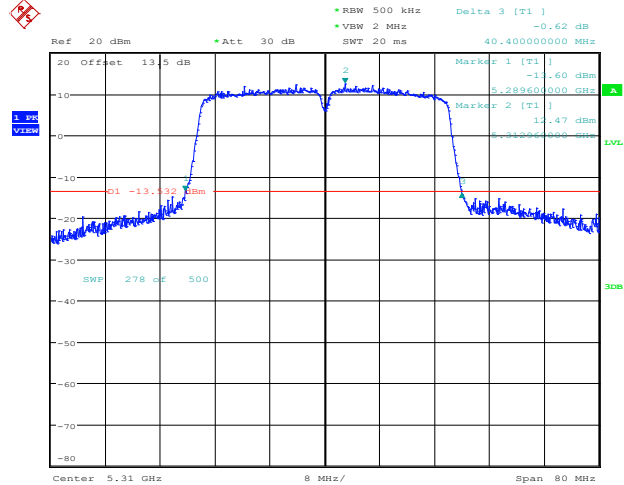


Channel 54, 802.11ac VHT40



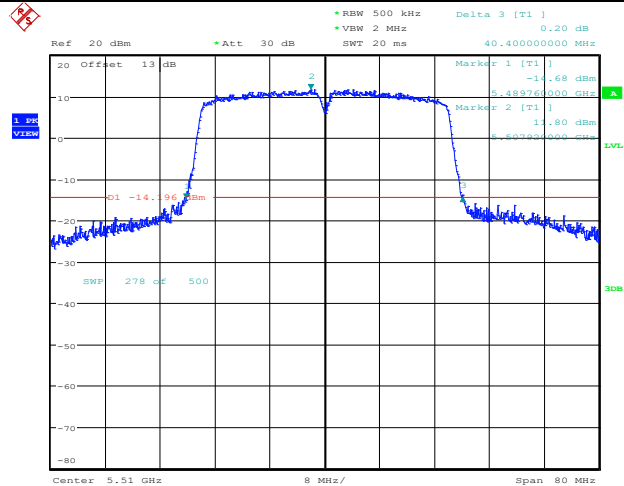
Date: 7.SEP.2021 15:13:38

Channel 62, 802.11ac VHT40



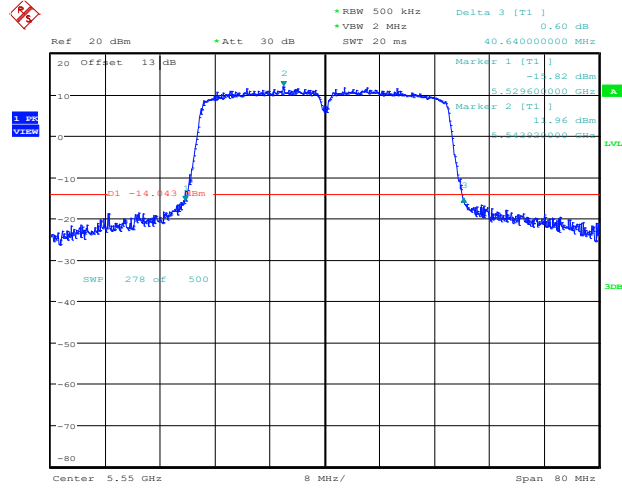
Date: 7.SEP.2021 15:15:18

Channel 102, 802.11ac VHT40



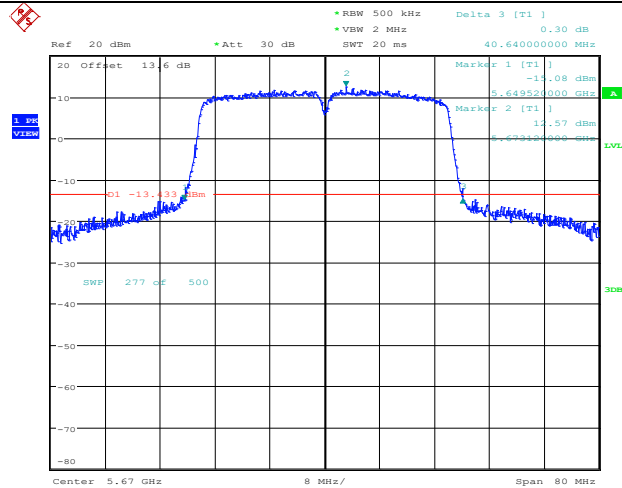
Date: 7.SEP.2021 15:18:05

Channel 110, 802.11ac VHT40



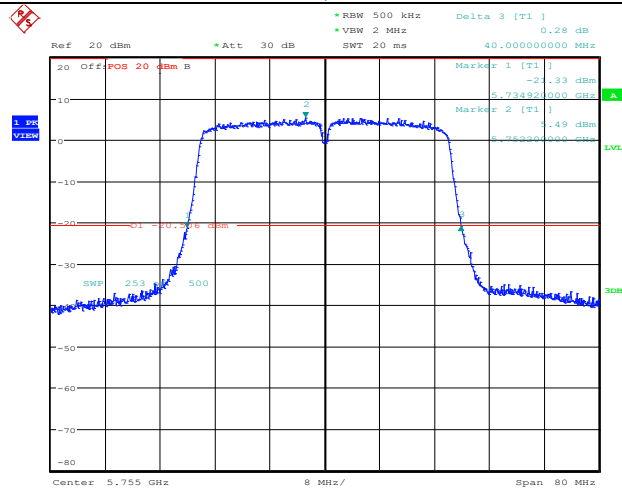
Date: 7.SEP.2021 15:20:06

Channel 134, 802.11ac VHT40

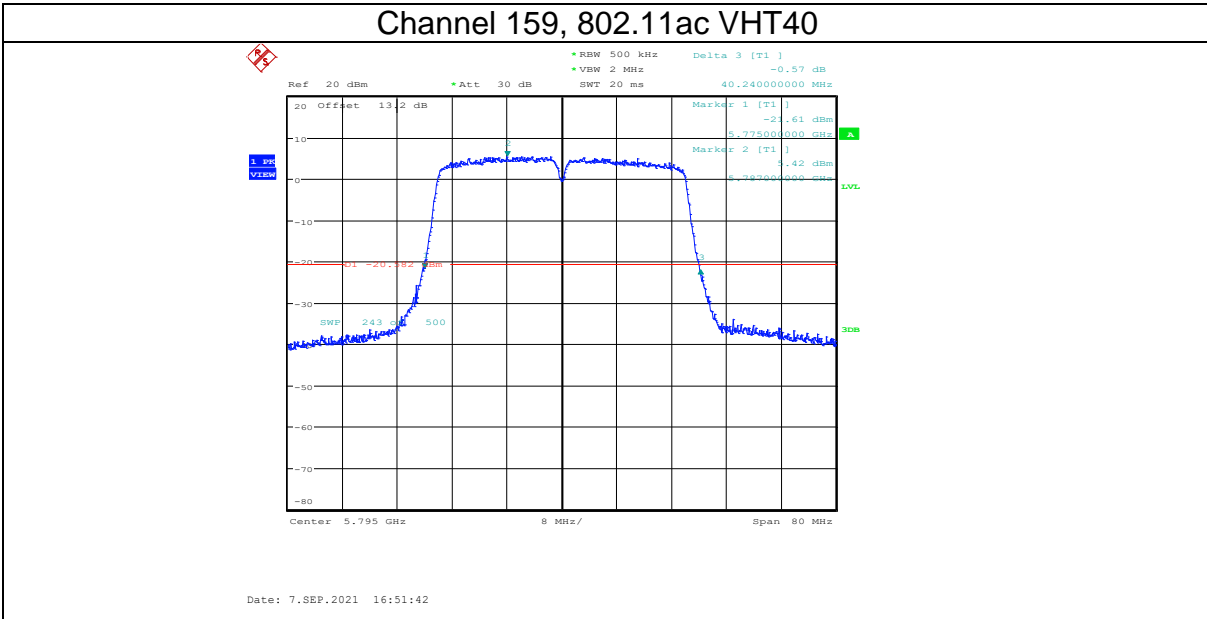


Date: 7.SEP.2021 15:21:53

Channel 151, 802.11ac VHT40

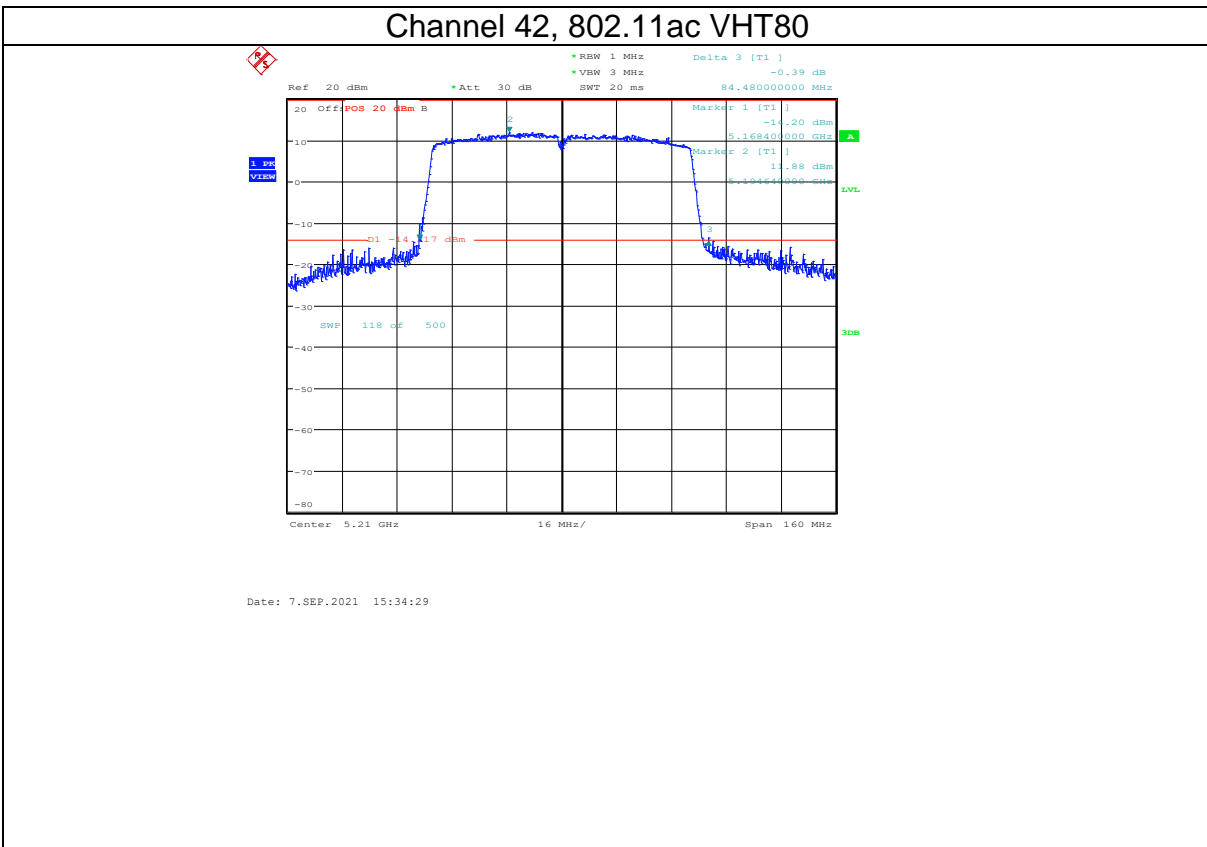


Date: 7.SEP.2021 16:49:08

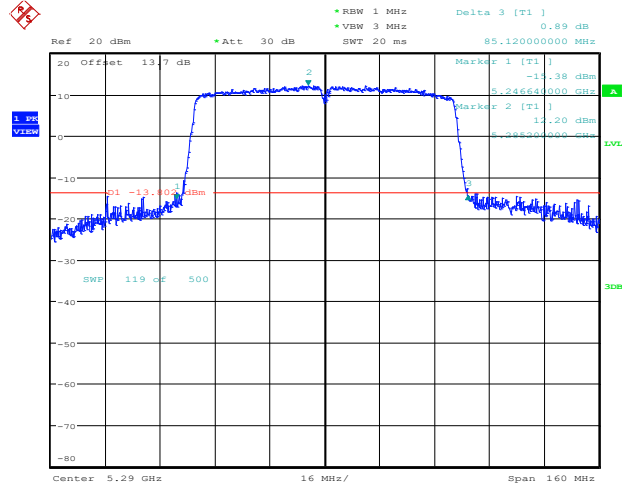


802.11ac VHT80 Mode ANTO

Channel	Frequency (MHz)	26dB Bandwidth [MHz]	Limit[MHz]	Verdict
42	5210	84.480	---	PASS
58	5290	85.120	---	PASS
106	5530	83.520	---	PASS
122	5610	83.520	---	PASS
155	5775	83.200	---	PASS

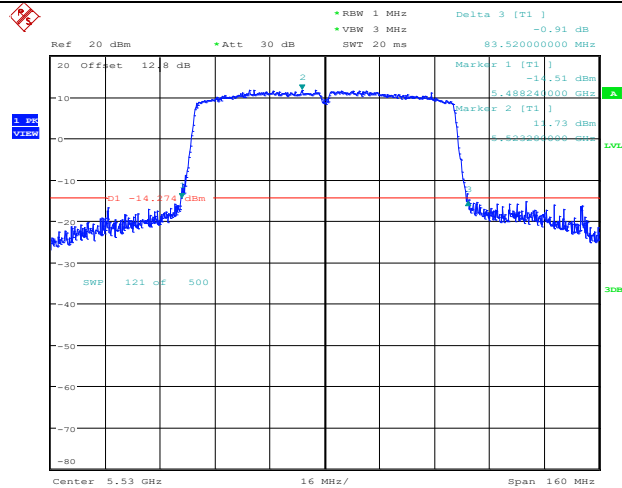


Channel 58, 802.11ac VHT80



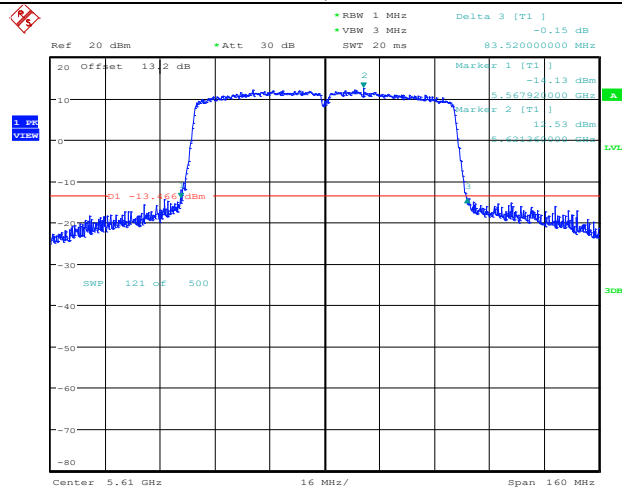
Date: 7.SEP.2021 15:36:40

Channel 106, 802.11ac VHT80

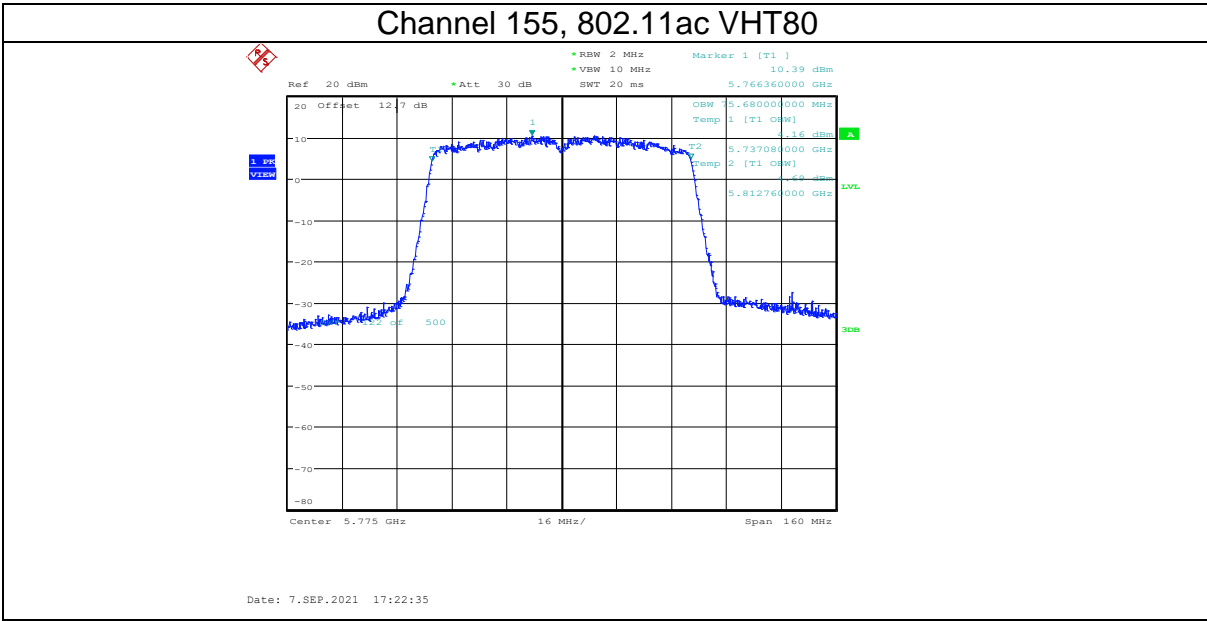


Date: 7.SEP.2021 15:38:58

Channel 122, 802.11ac VHT80

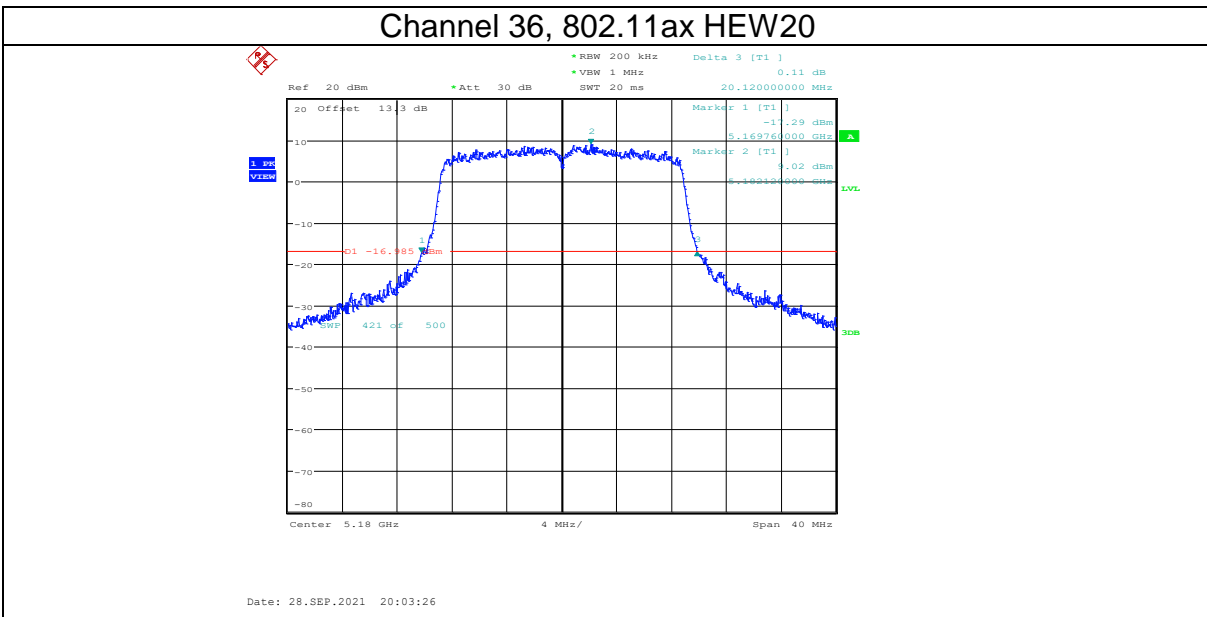


Date: 7.SEP.2021 15:44:27

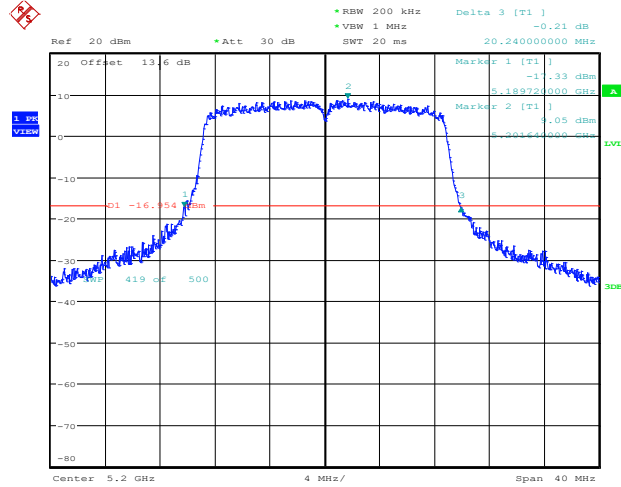


802.11ax HEW20 Mode ANT0

Channel	Frequency (MHz)	26dB Bandwidth [MHz]	Limit[MHz]	Verdict
36	5180	20.120	---	PASS
40	5200	20.240	---	PASS
48	5240	20.240	---	PASS
52	5260	20.200	---	PASS
56	5280	20.320	---	PASS
64	5320	20.320	---	PASS
100	5500	20.360	---	PASS
116	5580	21.680	---	PASS
140	5700	20.560	---	PASS
149	5745	20.280	---	PASS
157	5785	20.160	---	PASS
165	5825	20.200	---	PASS

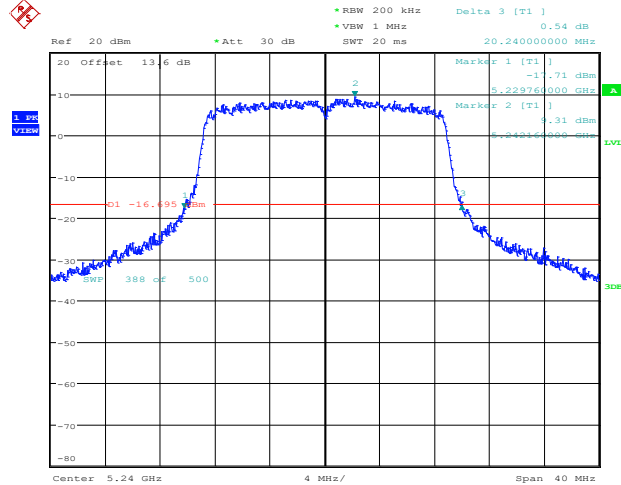


Channel 40, 802.11ax HEW20



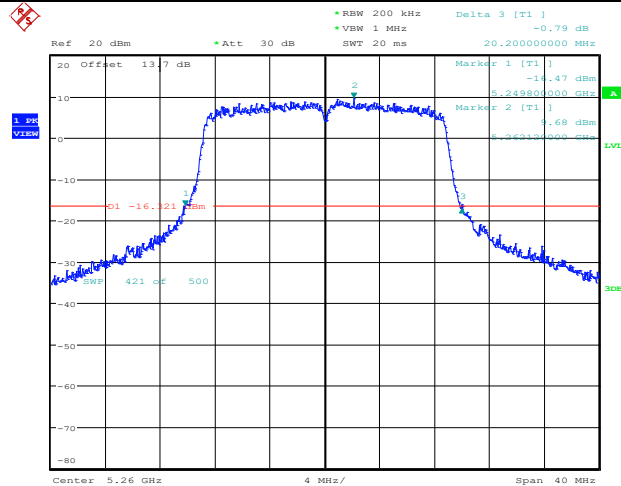
Date: 28.SEP.2021 20:06:12

Channel 48, 802.11ax HEW20



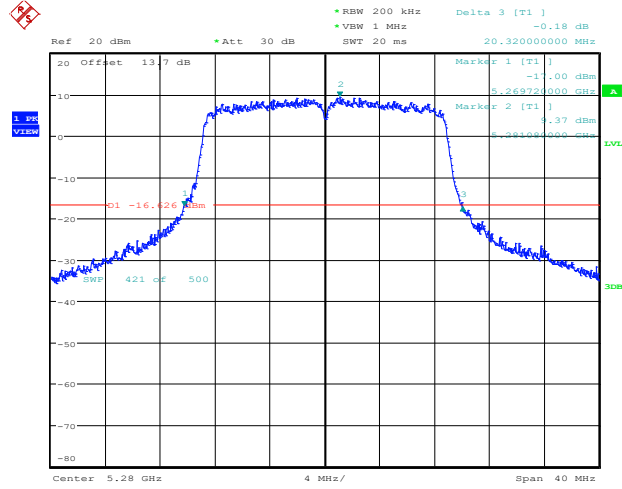
Date: 28.SEP.2021 20:11:51

Channel 52, 802.11ax HEW20



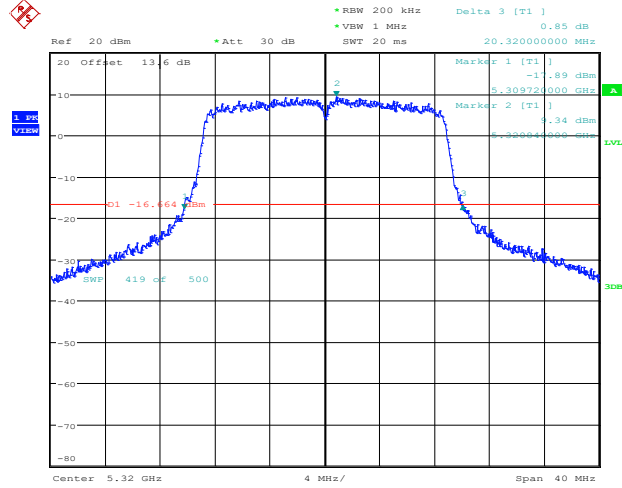
Date: 28.SEP.2021 20:19:31

Channel 56, 802.11ax HEW20



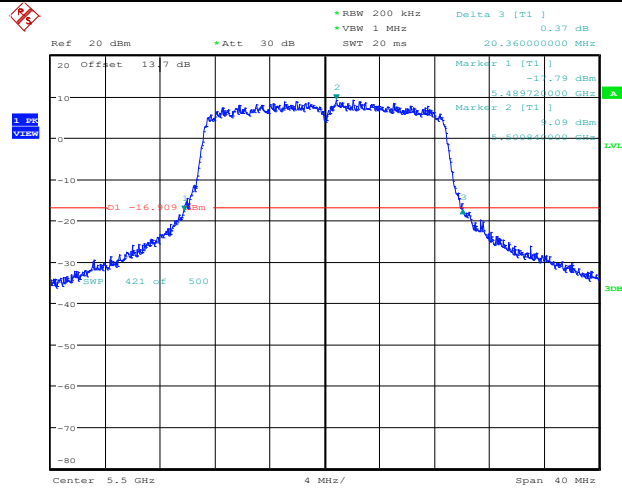
Date: 28.SEP.2021 20:22:36

Channel 64, 802.11ax HEW20

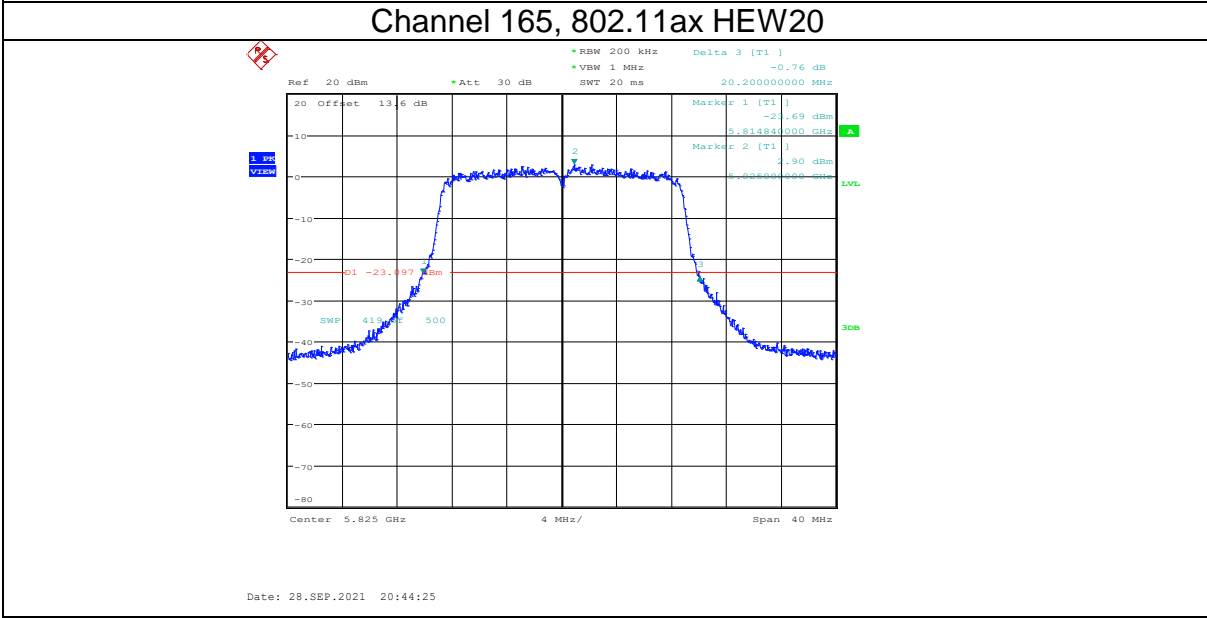
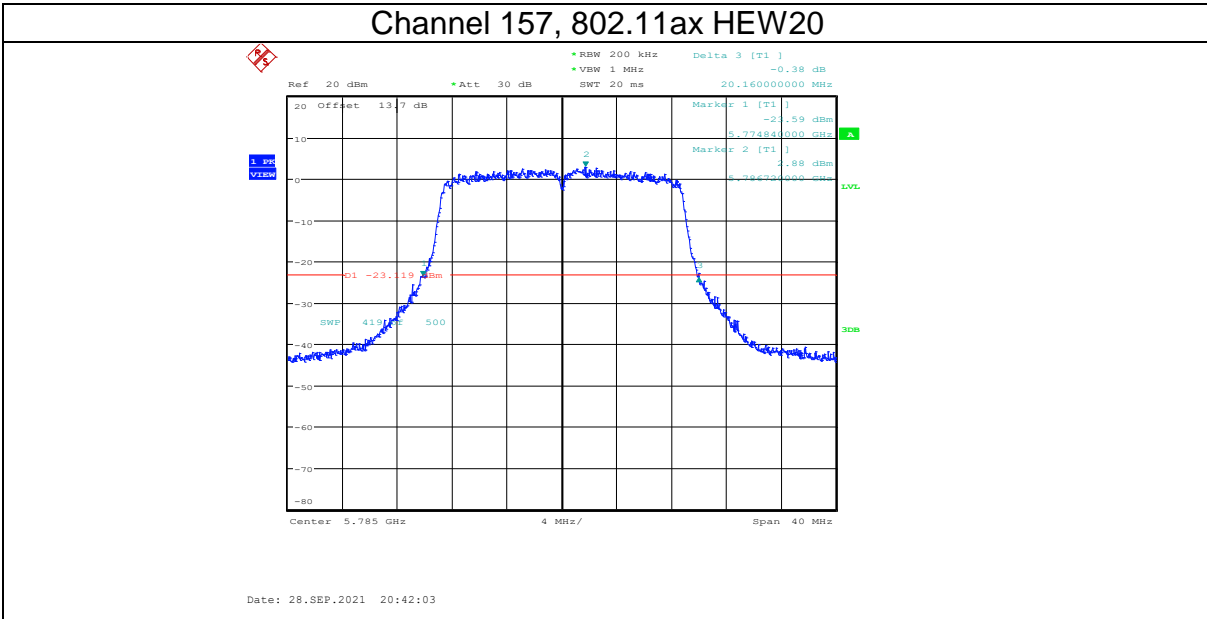


Date: 28.SEP.2021 20:24:41

Channel 100, 802.11ax HEW20



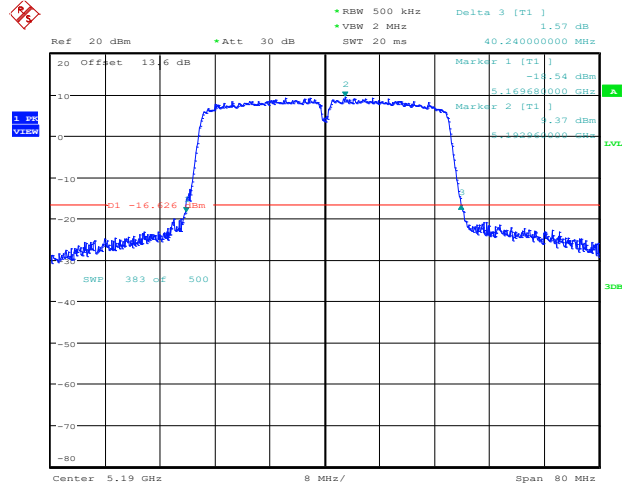
Date: 28.SEP.2021 20:26:32



802.11ax HEW40 Mode ANT0

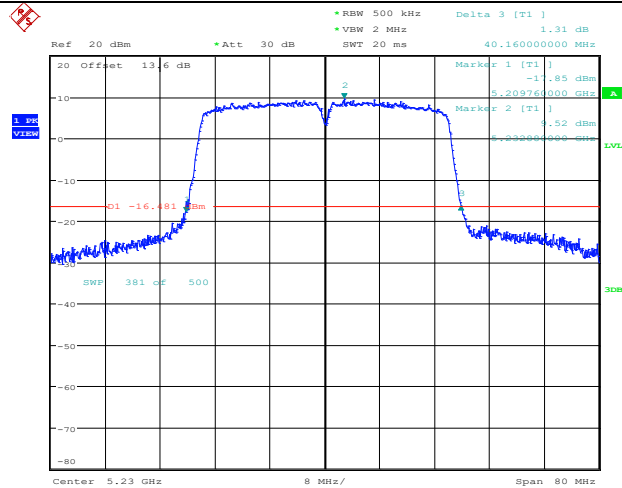
Channel	Frequency (MHz)	26dB Bandwidth [MHz]	Limit[MHz]	Verdict
38	5190	40.240	---	PASS
46	5230	40.160	---	PASS
54	5270	40.320	---	PASS
62	5310	40.480	---	PASS
102	5510	40.000	---	PASS
110	5550	41.520	---	PASS
134	5670	40.480	---	PASS
151	5755	40.000	---	PASS
159	5795	39.920	---	PASS

Channel 38, 802.11ax HEW40



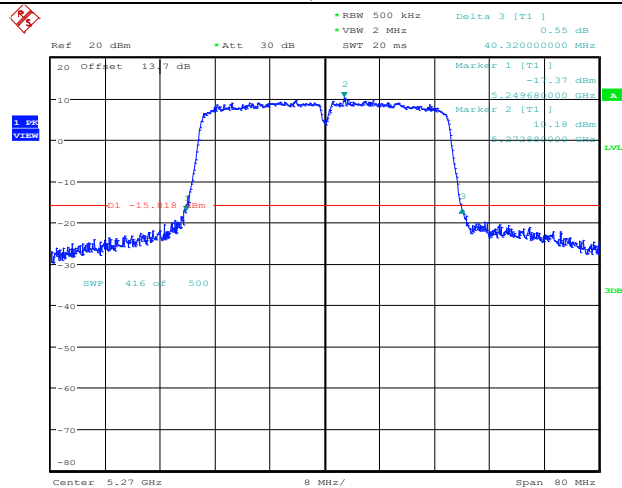
Date: 28.SEP.2021 20:49:10

Channel 46, 802.11ax HEW40



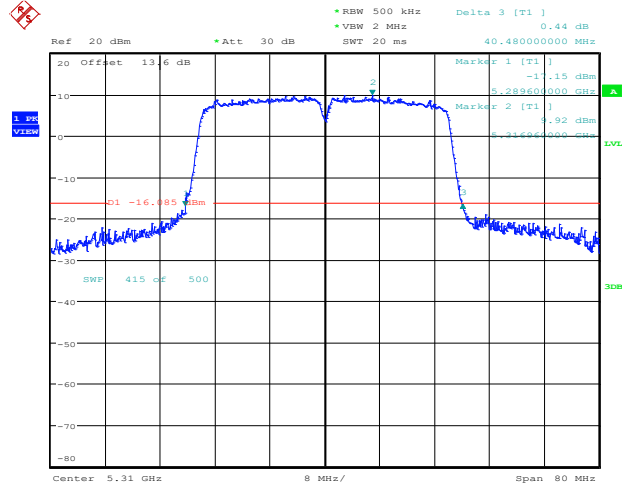
Date: 28.SEP.2021 20:52:30

Channel 54, 802.11ax HEW40



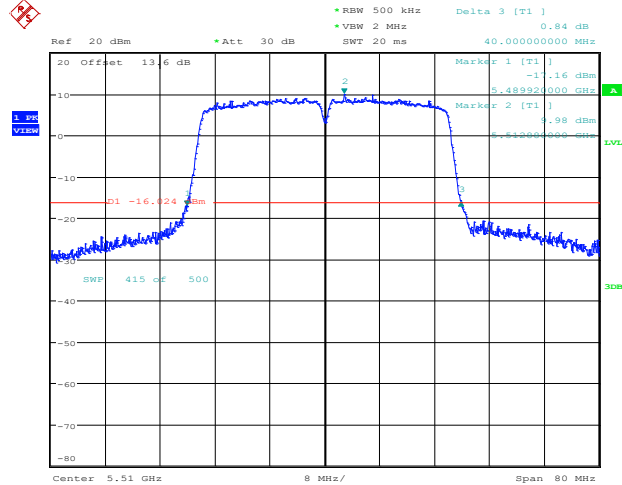
Date: 28.SEP.2021 20:54:58

Channel 62, 802.11ax HEW40



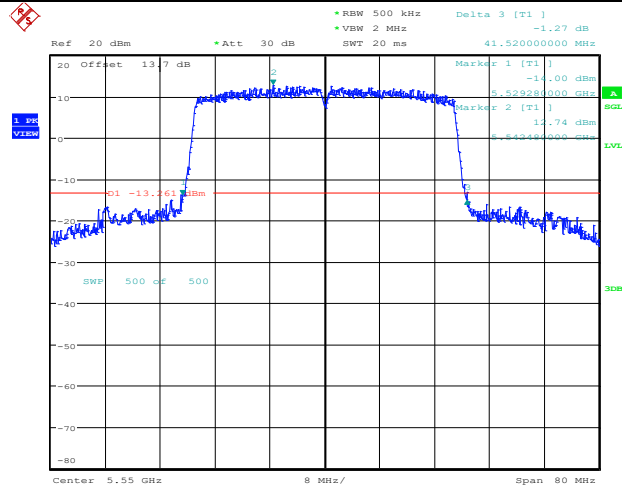
Date: 28.SEP.2021 20:59:15

Channel 102, 802.11ax HEW40



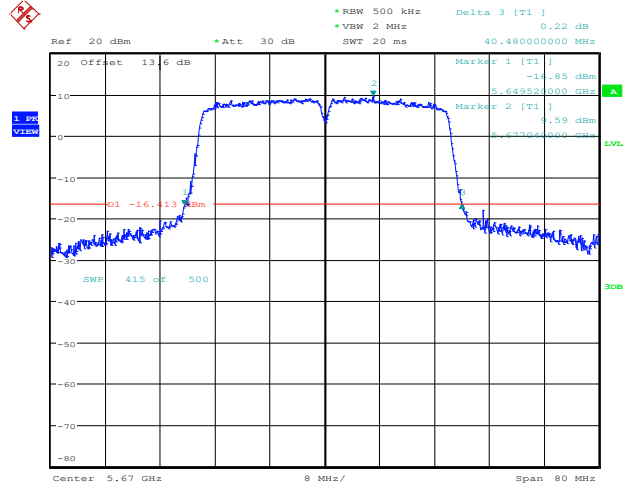
Date: 28.SEP.2021 21:01:36

Channel 110, 802.11ax HEW40



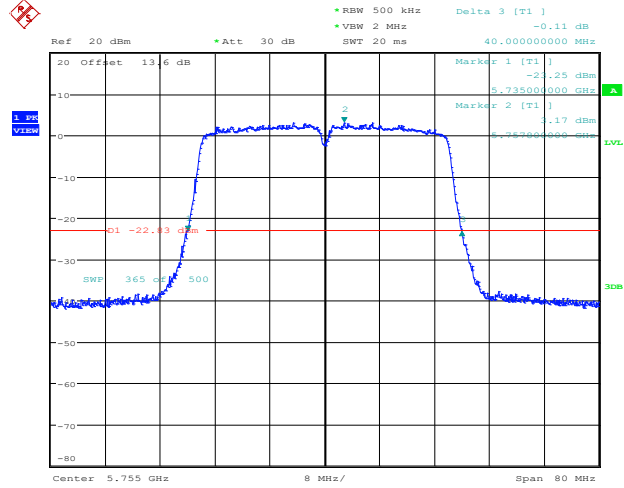
Date: 9.OCT.2021 10:19:03

Channel 134, 802.11ax HEW40



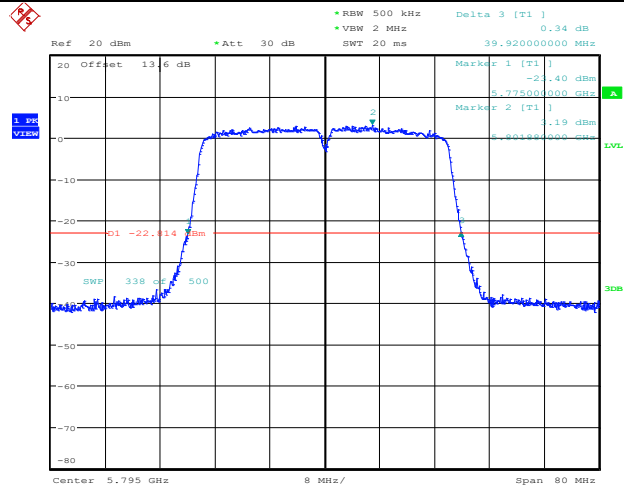
Date: 28.SEP.2021 21:06:12

Channel 151, 802.11ax HEW40



Date: 28.SEP.2021 21:09:51

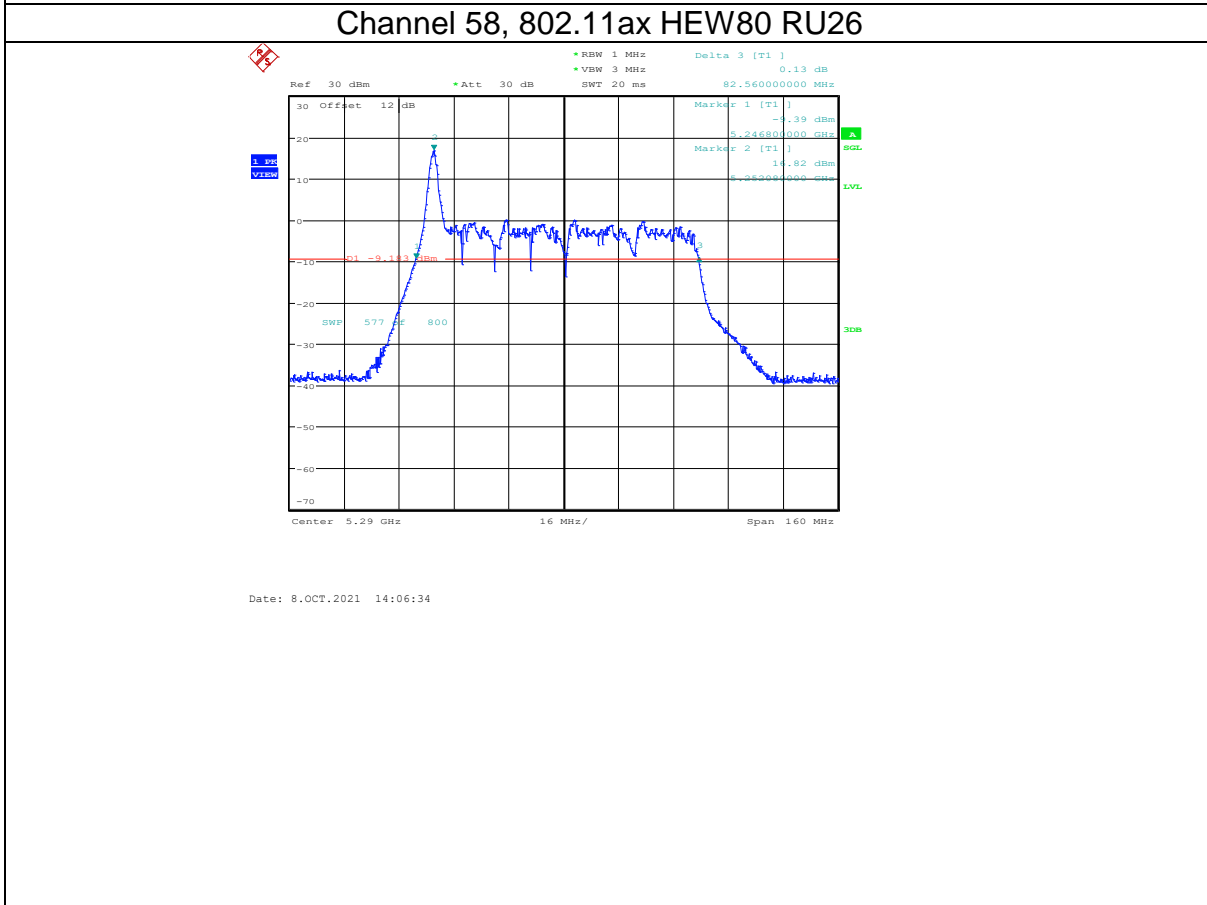
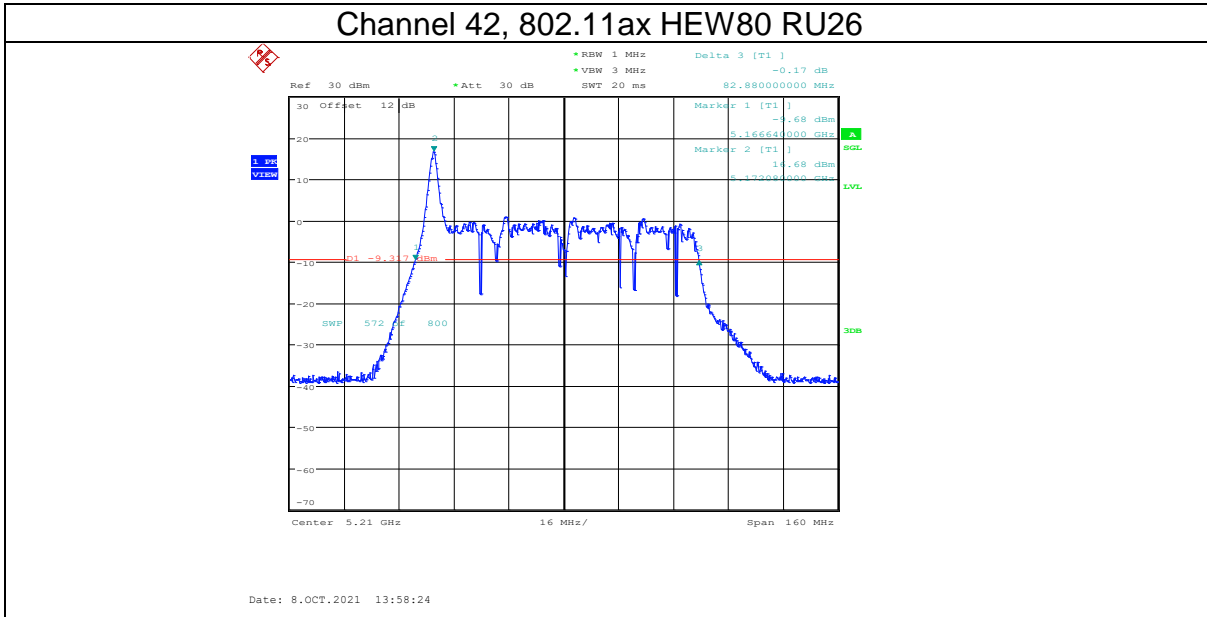
Channel 159, 802.11ax HEW40



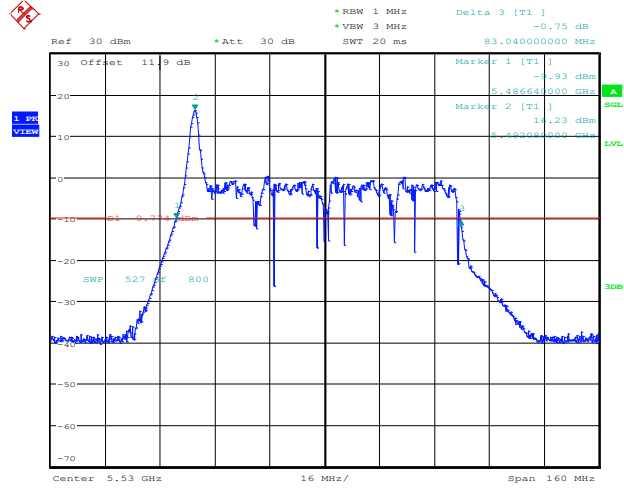
Date: 28.SEP.2021 21:12:31

802.11ax HEW80 RU26 Mode ANTO

Channel	Frequency (MHz)	26dB Bandwidth [MHz]	Limit[MHz]	Verdict
42	5210	82.880	---	PASS
58	5290	82.560	---	PASS
106	5530	83.040	---	PASS
122	5610	82.720	---	PASS
155	5775	82.720	---	PASS

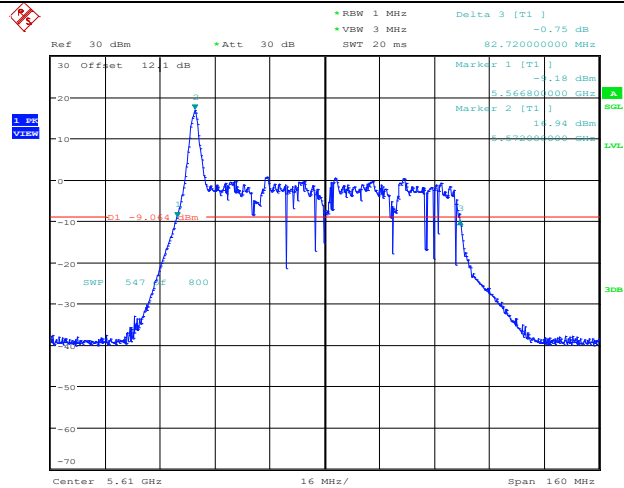


Channel 106, 802.11ax HEW80 RU26



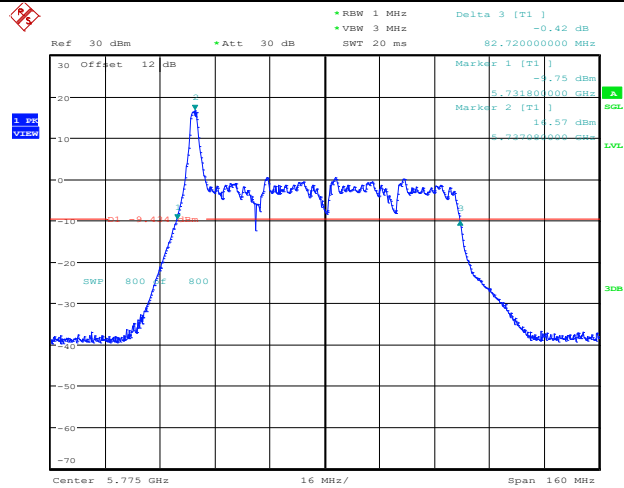
Date: 8.OCT.2021 14:13:56

Channel 122, 802.11ax HEW80 RU26



Date: 8.OCT.2021 14:20:55

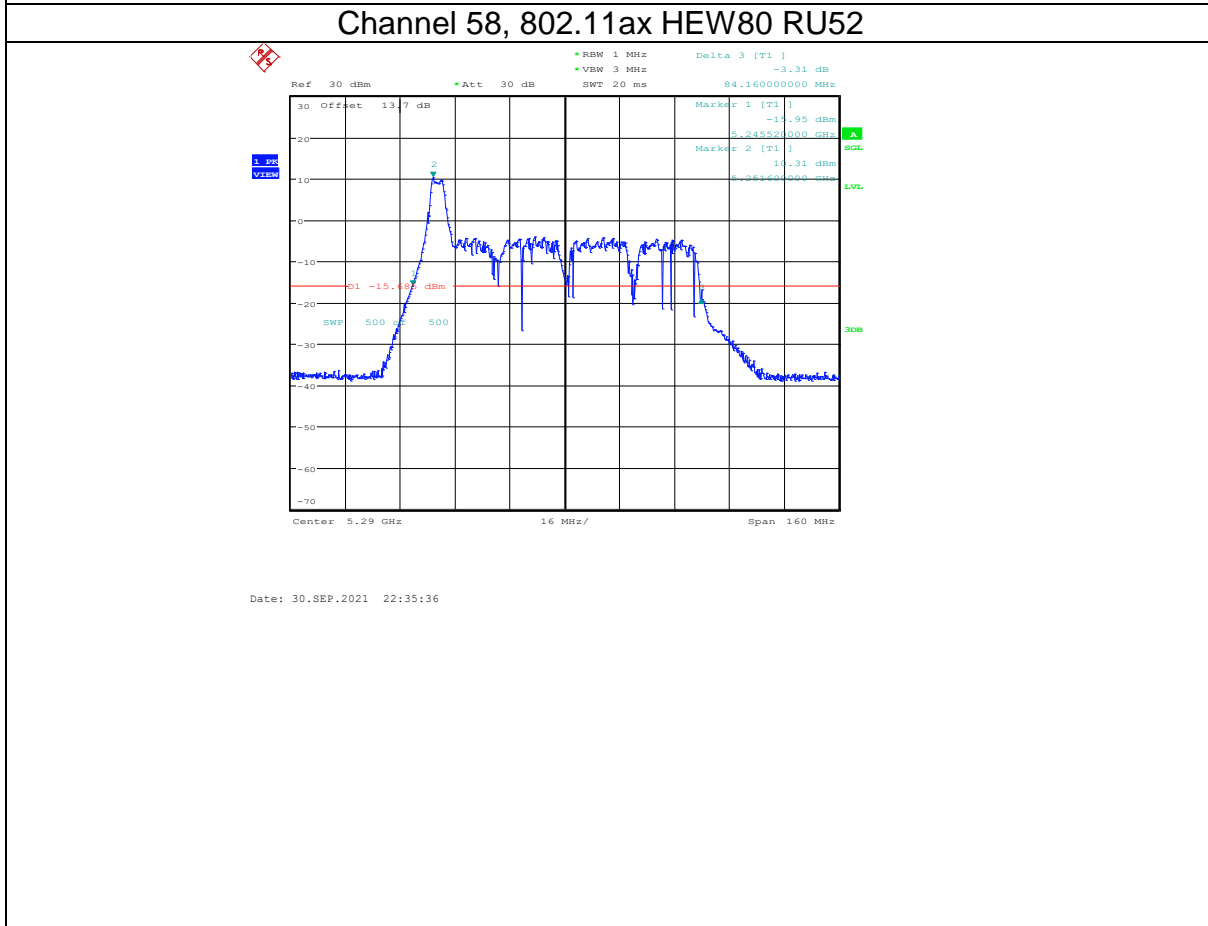
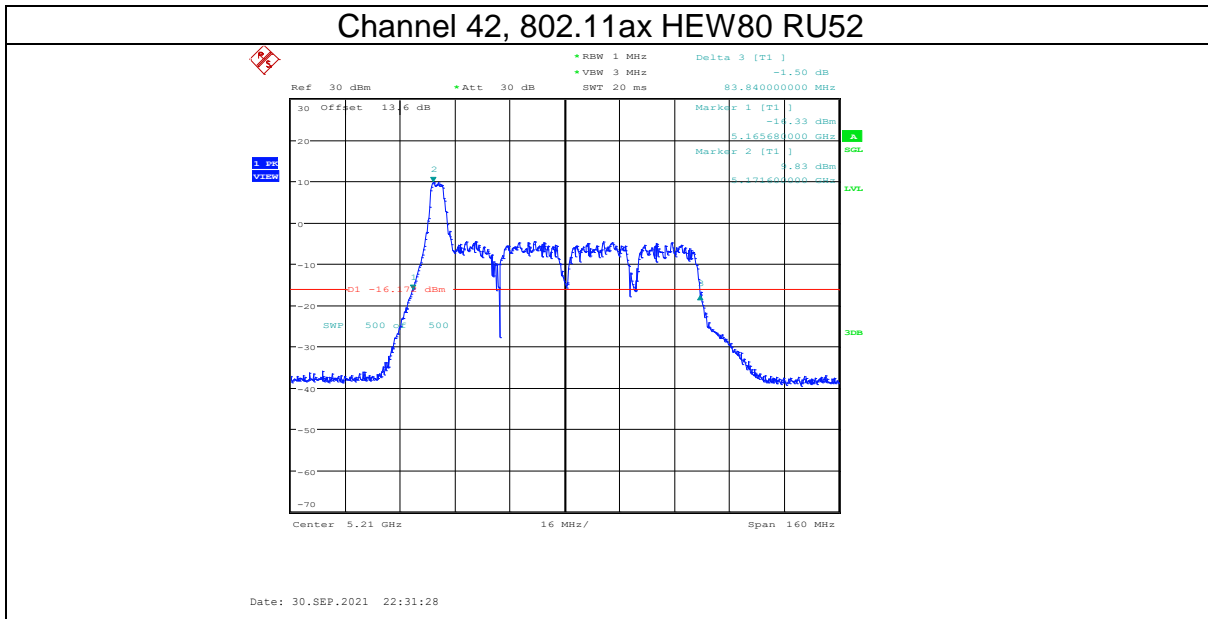
Channel 155, 802.11ax HEW80 RU26



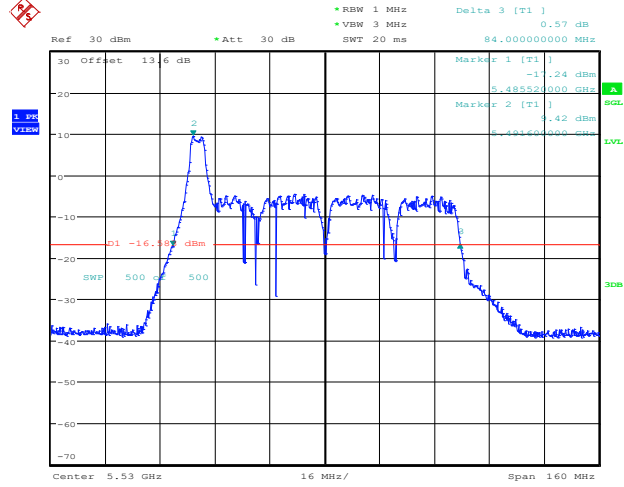
Date: 8.OCT.2021 14:29:42

802.11ax HEW80 RU52 Mode ANT0

Channel	Frequency (MHz)	26dB Bandwidth [MHz]	Limit[MHz]	Verdict
42	5210	83.840	---	PASS
58	5290	84.160	---	PASS
106	5530	84.000	---	PASS
122	5610	84.160	---	PASS
155	5775	84.000	---	PASS

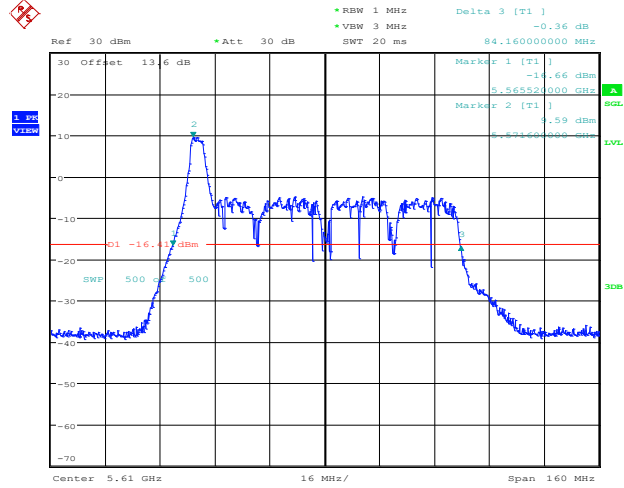


Channel 106, 802.11ax HEW80 RU52



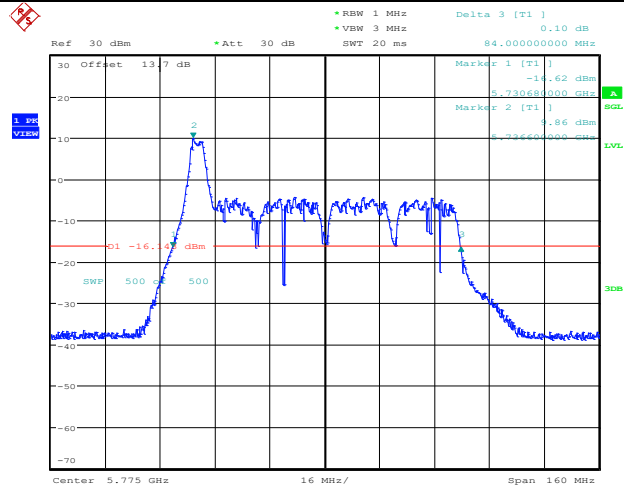
Date: 30.SEP.2021 22:38:41

Channel 122, 802.11ax HEW80 RU52



Date: 30.SEP.2021 22:41:38

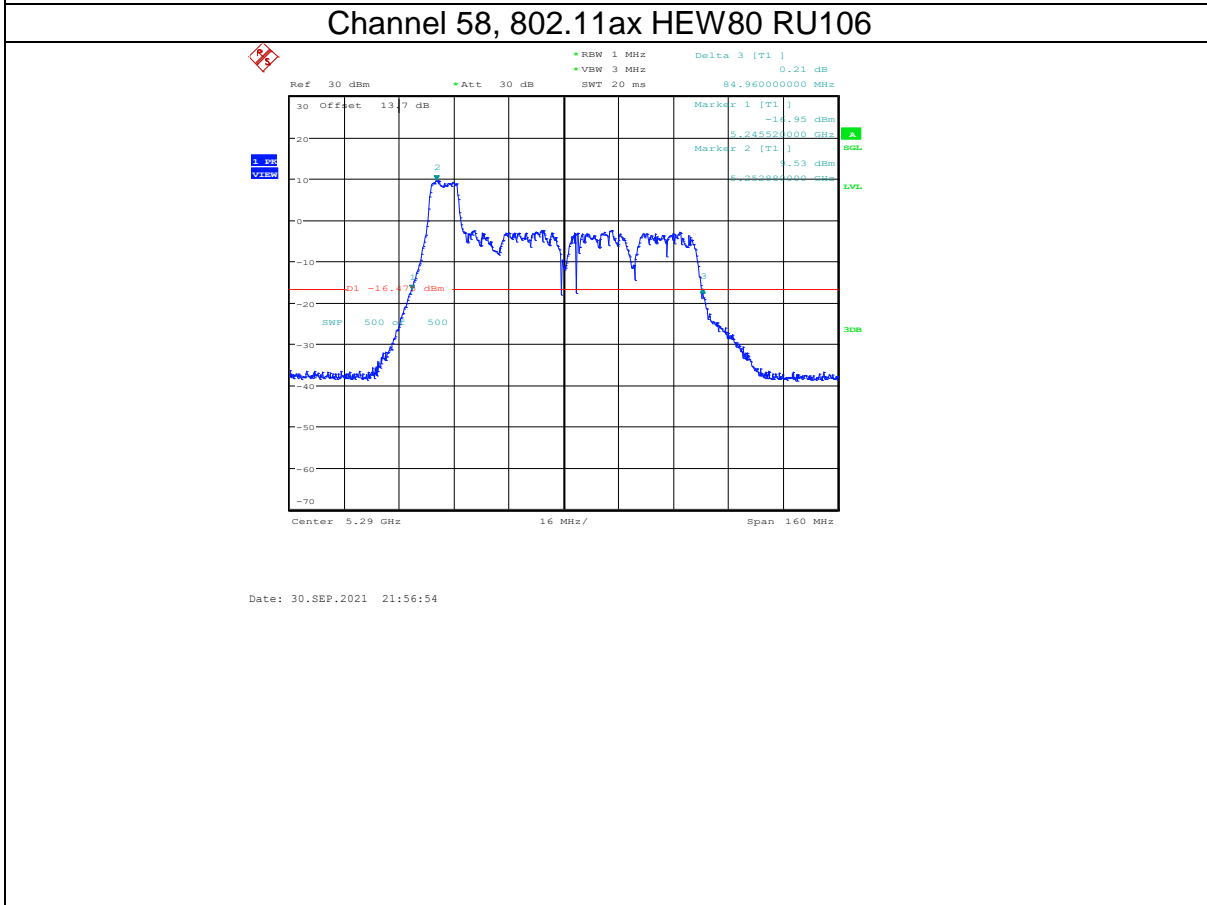
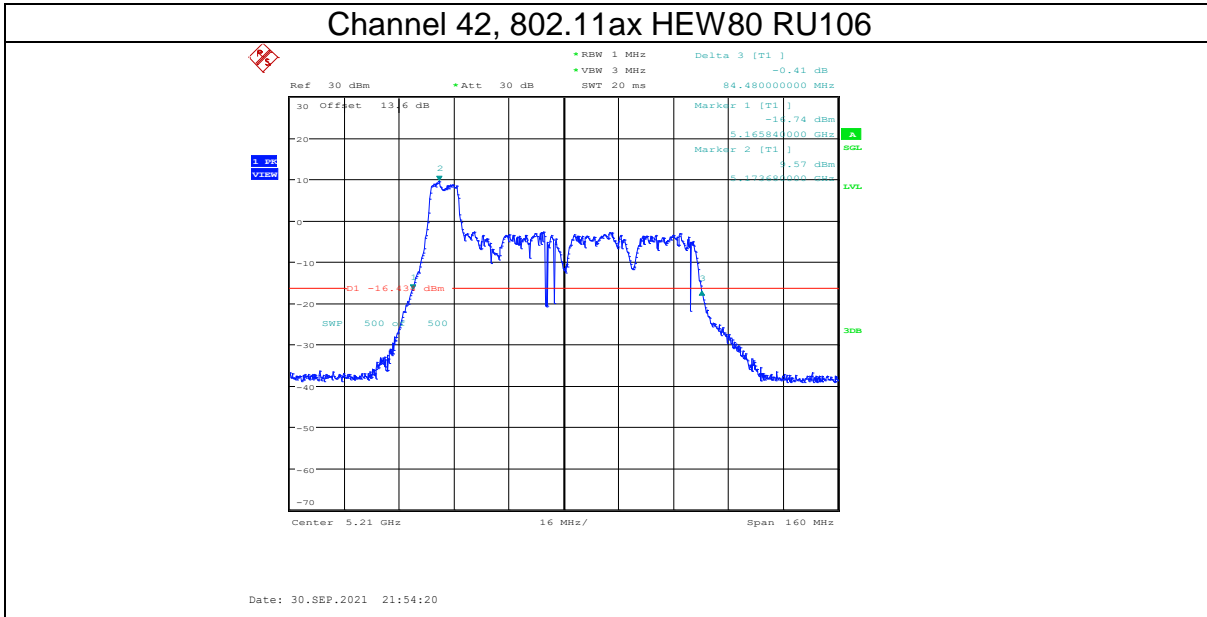
Channel 155, 802.11ax HEW80 RU52



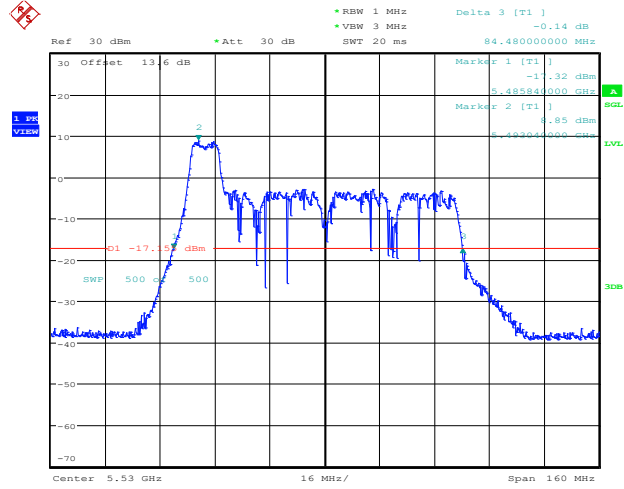
Date: 30.SEP.2021 22:45:50

802.11ax HEW80 RU106 Mode ANTO

Channel	Frequency (MHz)	26dB Bandwidth [MHz]	Limit[MHz]	Verdict
42	5210	84.480	---	PASS
58	5290	84.960	---	PASS
106	5530	84.480	---	PASS
122	5610	84.800	---	PASS
155	5775	84.640	---	PASS

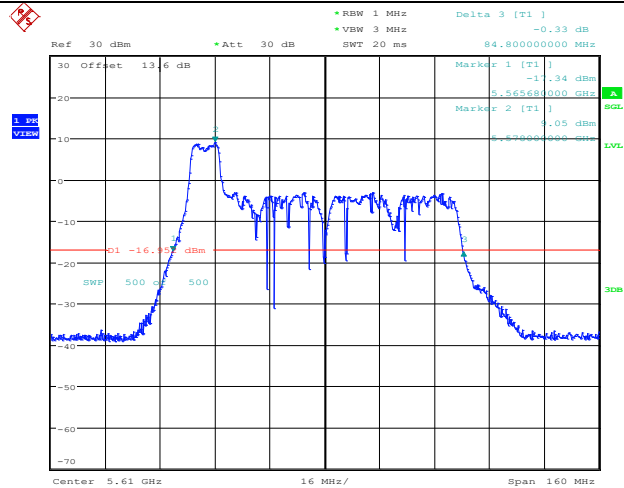


Channel 106, 802.11ax HEW80 RU106



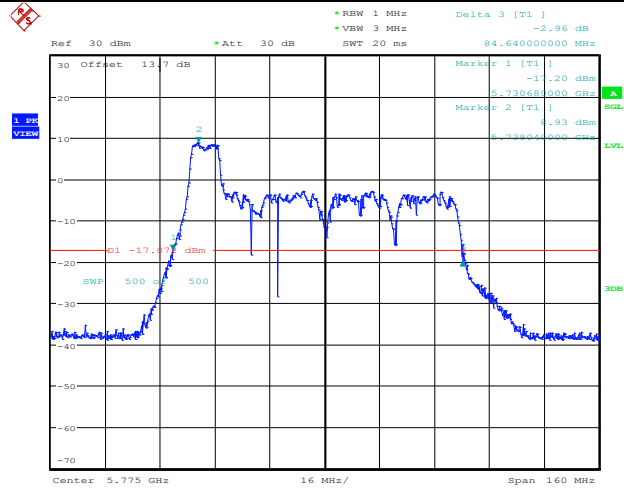
Date: 30.SEP.2021 22:00:54

Channel 122, 802.11ax HEW80 RU106



Date: 30.SEP.2021 22:03:44

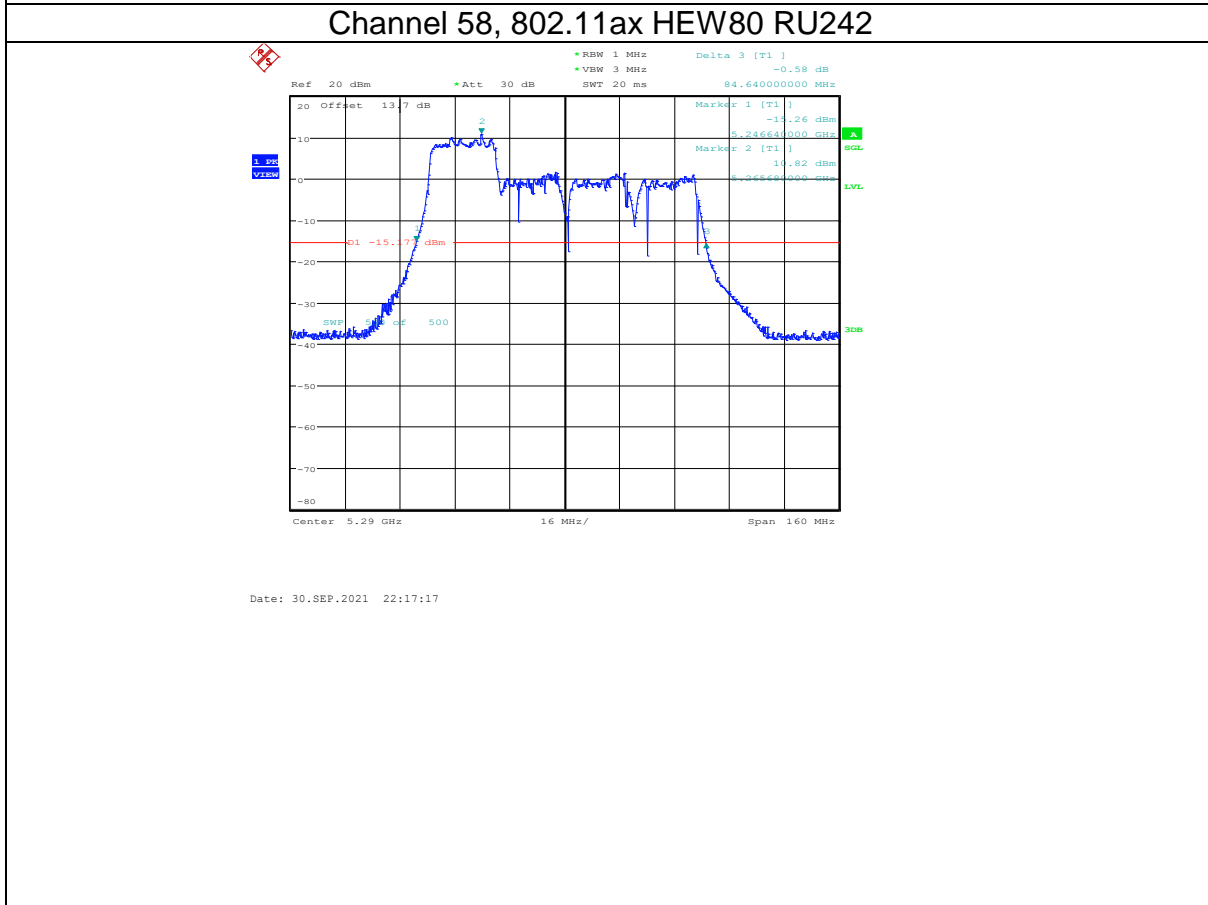
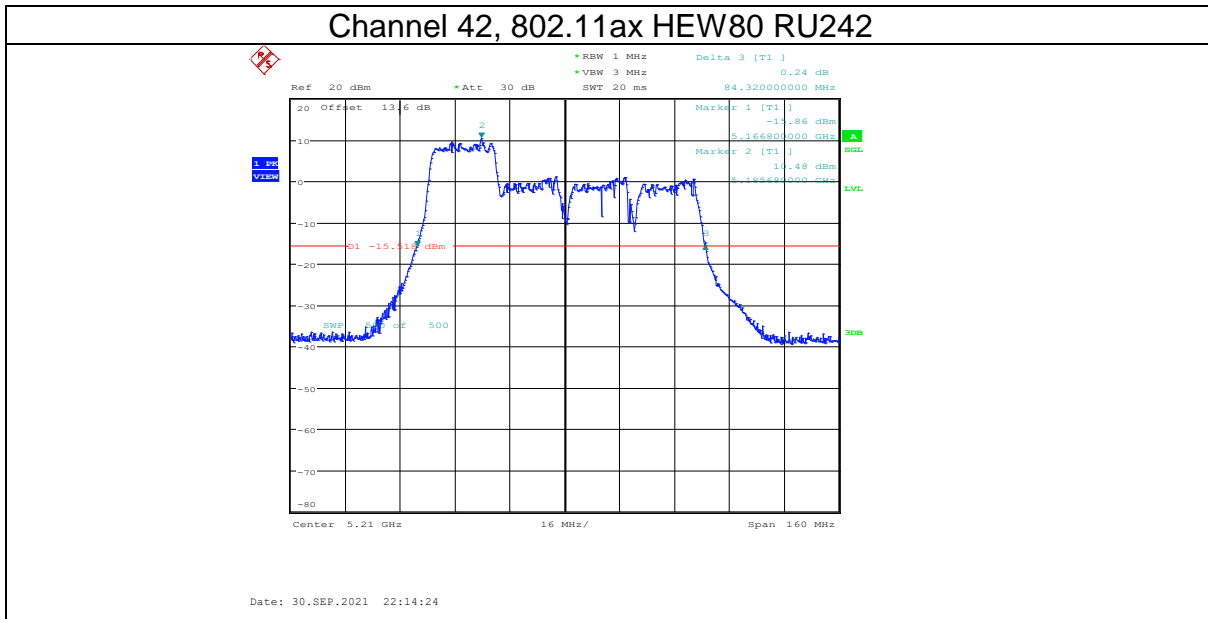
Channel 155, 802.11ax HEW80 RU106



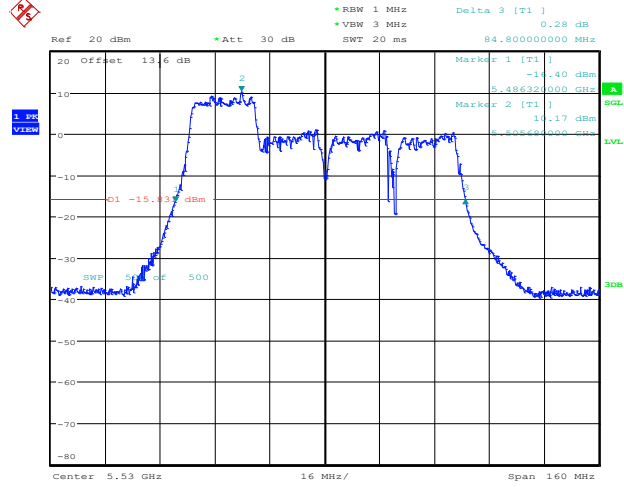
Date: 30.SEP.2021 22:07:45

802.11ax HEW80 RU242 Mode ANTO

Channel	Frequency (MHz)	26dB Bandwidth [MHz]	Limit[MHz]	Verdict
42	5210	84.320	---	PASS
58	5290	84.640	---	PASS
106	5530	84.800	---	PASS
122	5610	84.480	---	PASS
155	5775	84.480	---	PASS

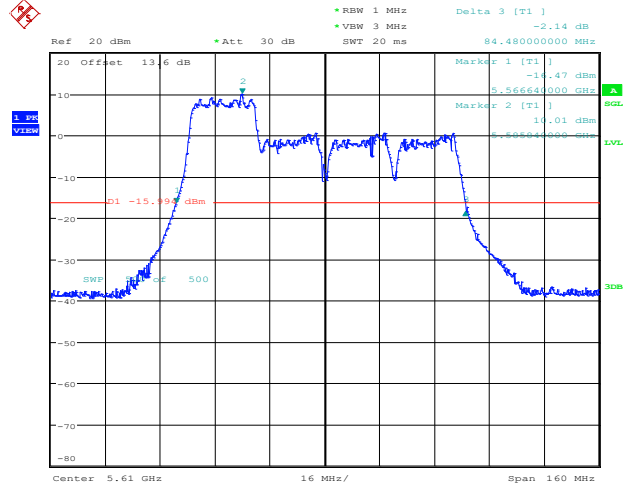


Channel 106, 802.11ax HEW80 RU242



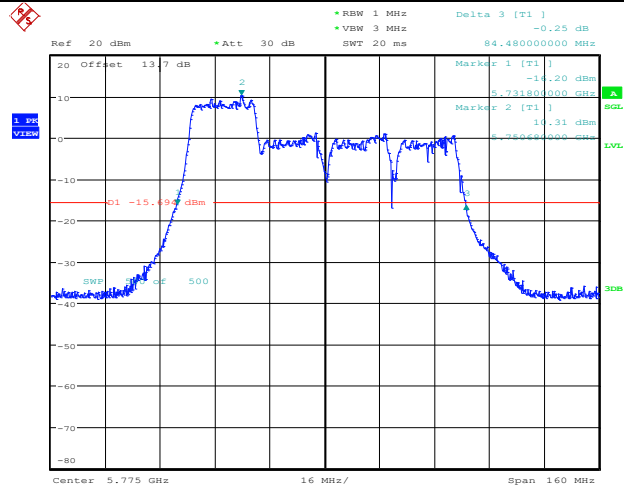
Date: 30.SEP.2021 22:20:31

Channel 122, 802.11ax HEW80 RU242



Date: 30.SEP.2021 22:23:36

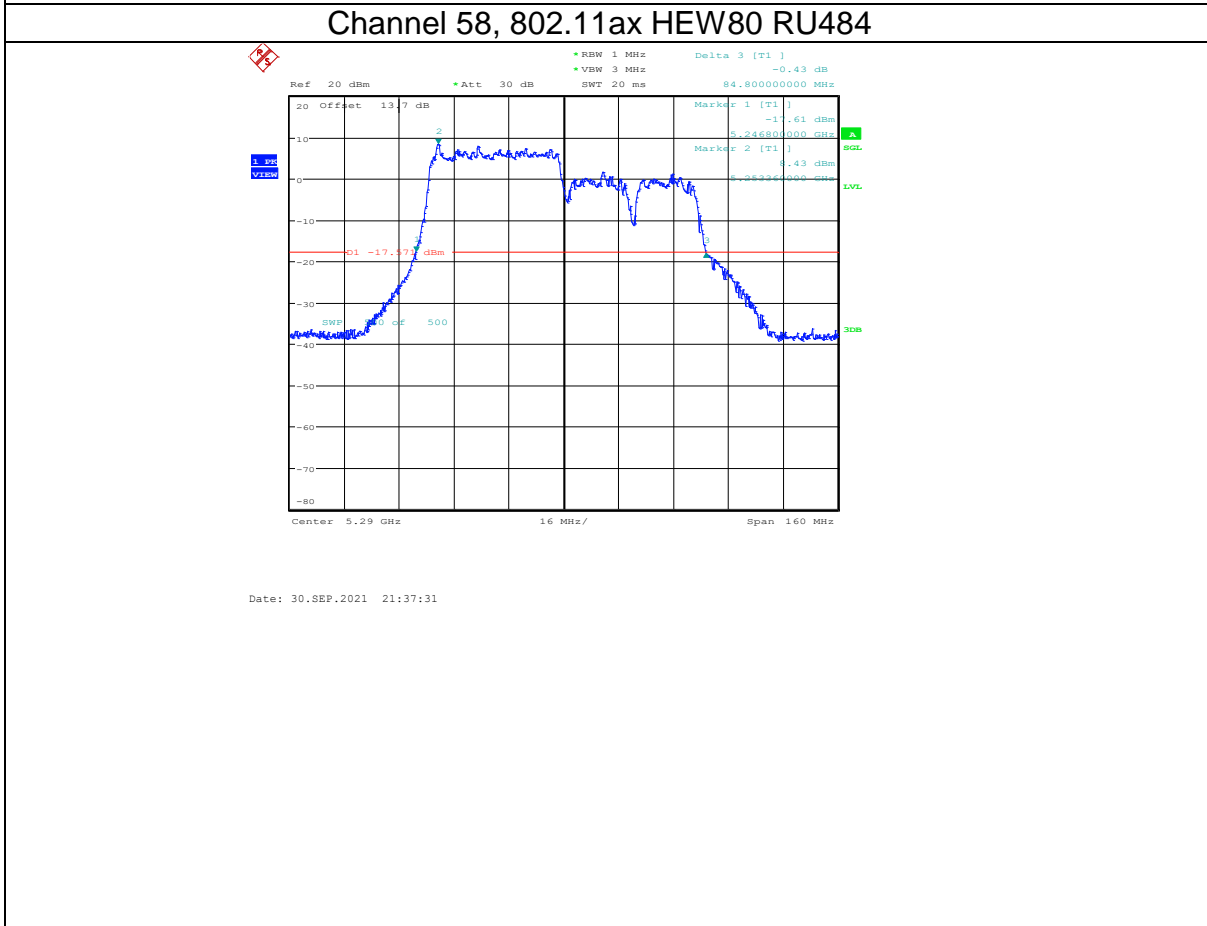
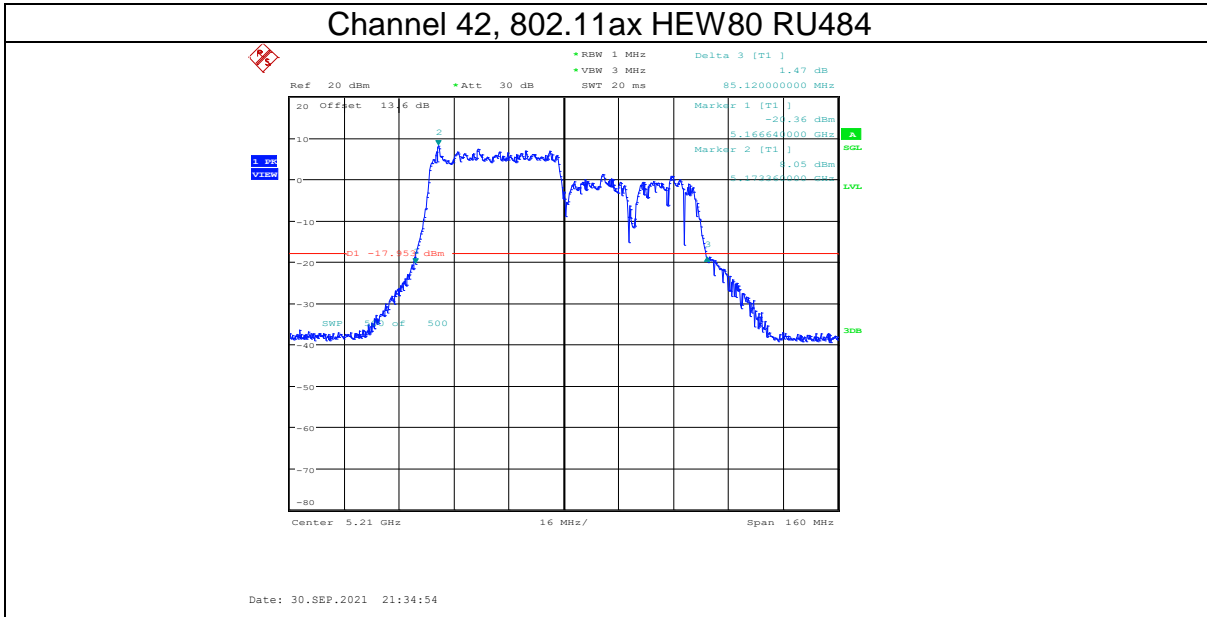
Channel 155, 802.11ax HEW80 RU242



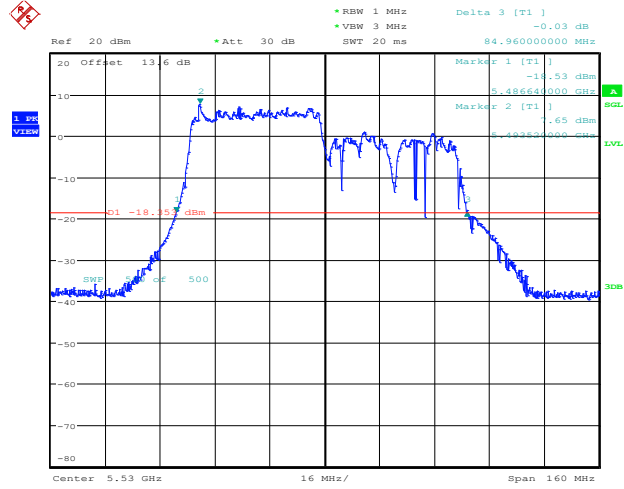
Date: 30.SEP.2021 22:27:06

802.11ax HEW80 RU484 Mode ANTO

Channel	Frequency (MHz)	26dB Bandwidth [MHz]	Limit[MHz]	Verdict
42	5210	85.120	---	PASS
58	5290	84.800	---	PASS
106	5530	84.960	---	PASS
122	5610	84.960	---	PASS
155	5775	84.800	---	PASS

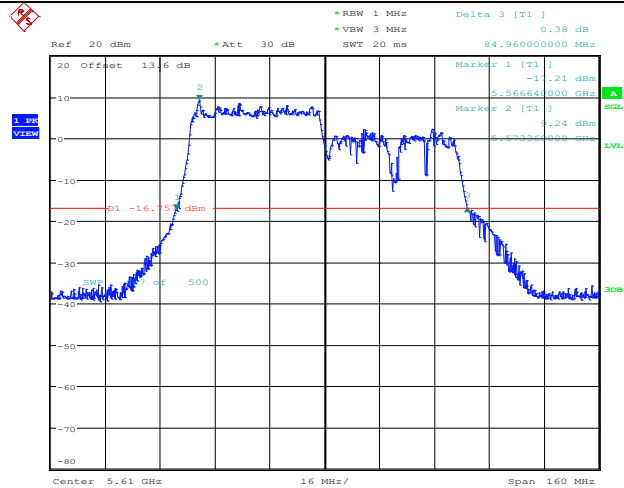


Channel 106, 802.11ax HEW80 RU484



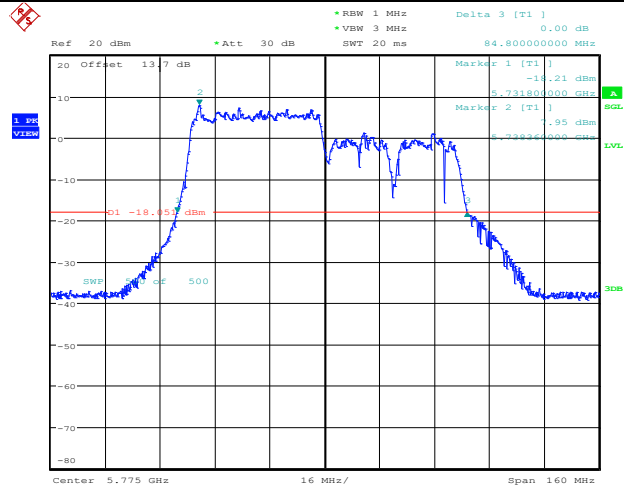
Date: 30.SEP.2021 21:41:27

Channel 122, 802.11ax HEW80 RU484



Date: 9.OCT.2021 09:13:39

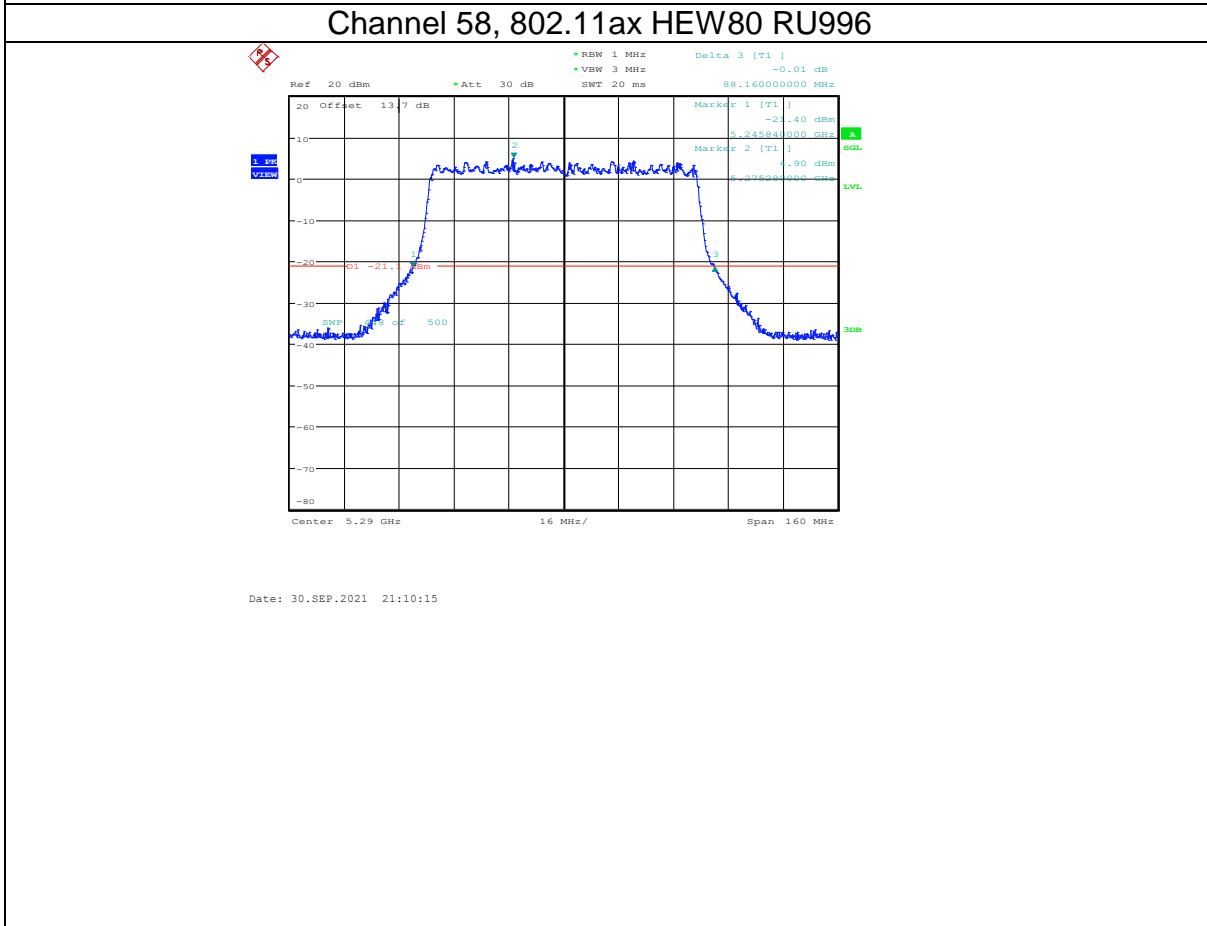
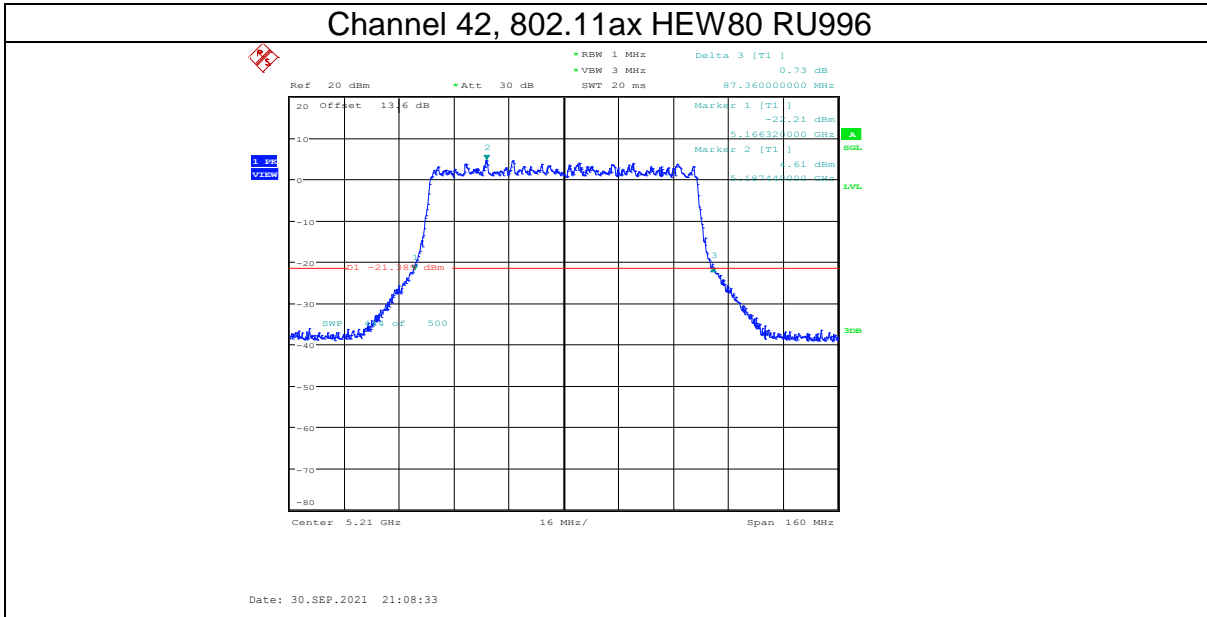
Channel 155, 802.11ax HEW80 RU484



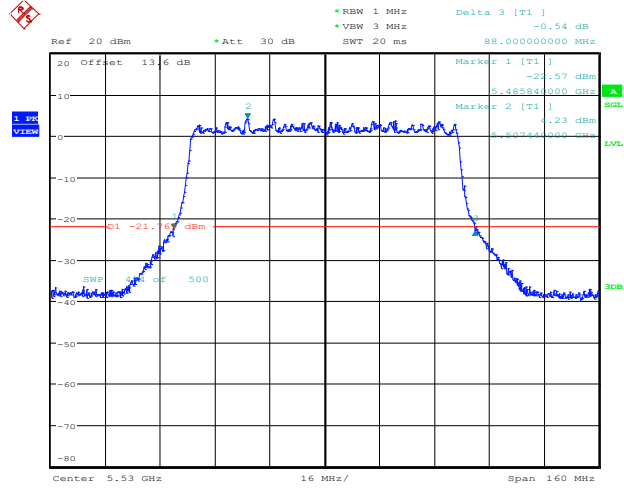
Date: 30.SEP.2021 21:44:31

802.11ax HEW80 RU996 Mode ANTO

Channel	Frequency (MHz)	26dB Bandwidth [MHz]	Limit[MHz]	Verdict
42	5210	87.360	---	PASS
58	5290	88.160	---	PASS
106	5530	88.000	---	PASS
122	5610	89.120	---	PASS
155	5775	88.160	---	PASS

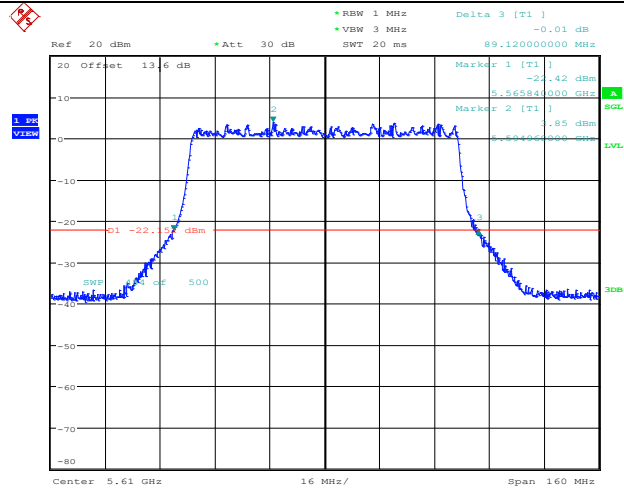


Channel 106, 802.11ax HEW80 RU996



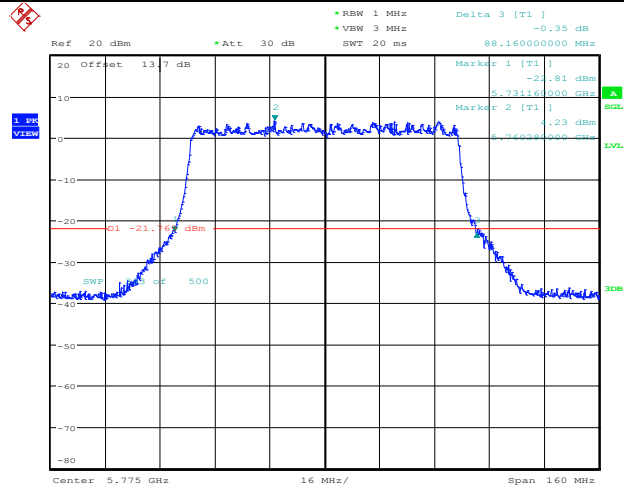
Date: 30.SEP.2021 21:12:13

Channel 122, 802.11ax HEW80 RU996



Date: 30.SEP.2021 21:13:50

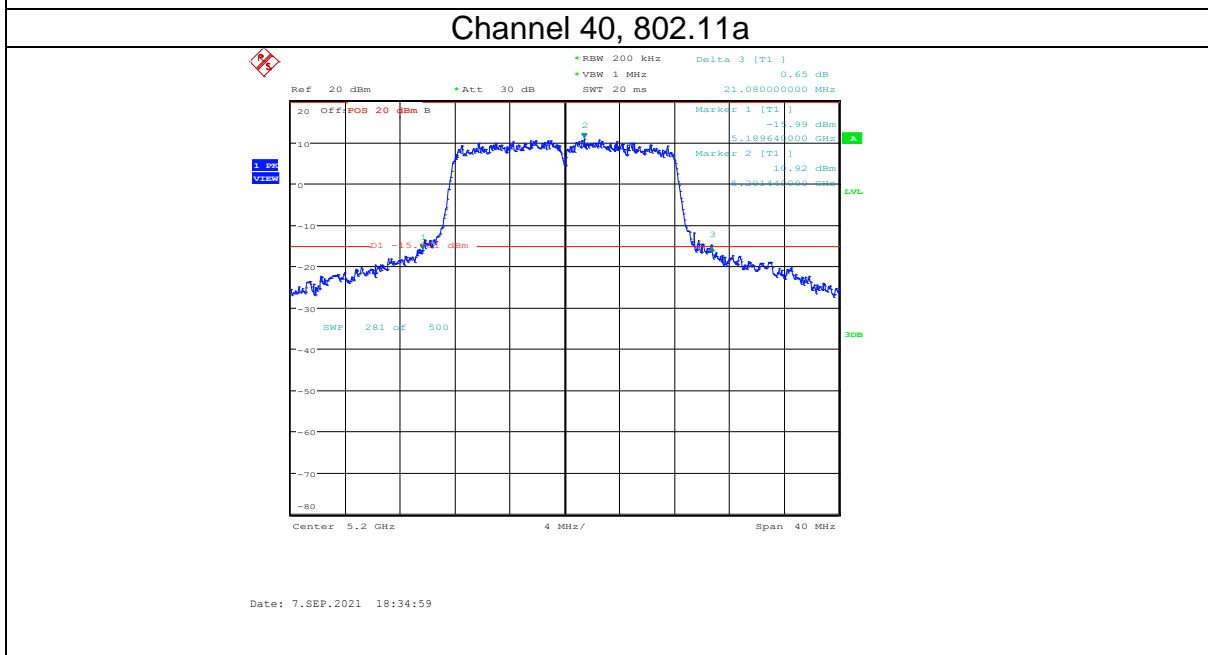
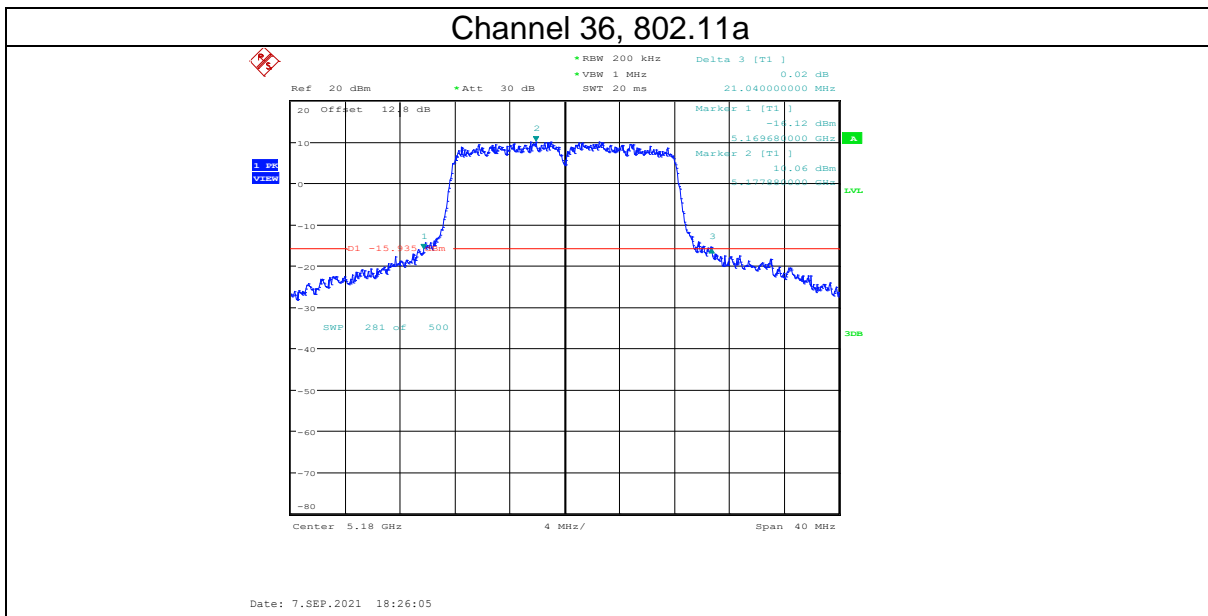
Channel 155, 802.11ax HEW80 RU996



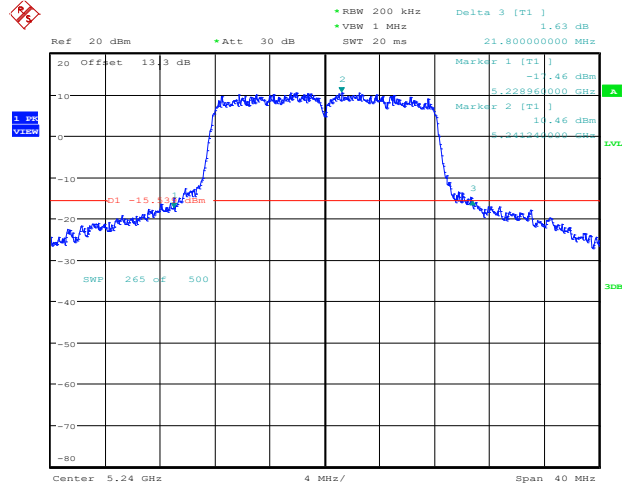
Date: 30.SEP.2021 21:17:46

802.11a Mode ANT1

Channel	Frequency (MHz)	26dB Bandwidth [MHz]	Limit[MHz]	Verdict
36	5180	21.040	---	PASS
40	5200	21.080	---	PASS
48	5240	21.800	---	PASS
52	5260	21.400	---	PASS
56	5280	21.520	---	PASS
64	5320	21.720	---	PASS
100	5500	21.160	---	PASS
116	5580	21.440	---	PASS
140	5700	21.400	---	PASS
149	5745	19.120	---	PASS
157	5785	18.720	---	PASS
165	5825	18.840	---	PASS

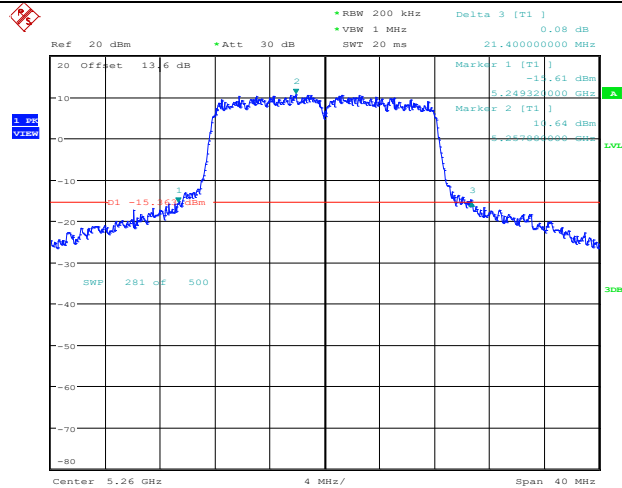


Channel 48, 802.11a



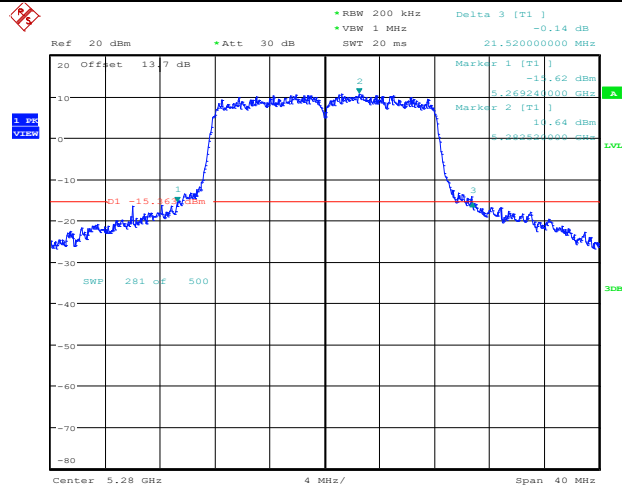
Date: 7.SEP.2021 18:37:38

Channel 52, 802.11a



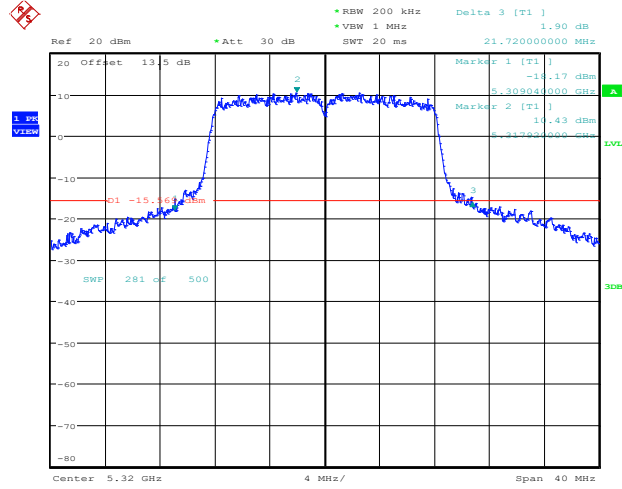
Date: 7.SEP.2021 18:39:35

Channel 56, 802.11a



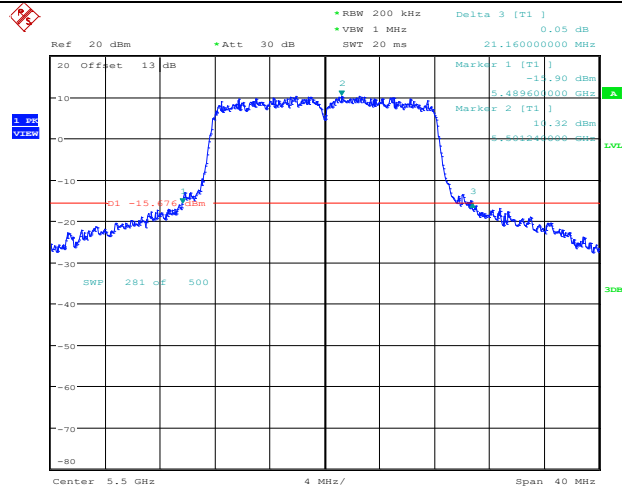
Date: 7.SEP.2021 18:41:48

Channel 64, 802.11a



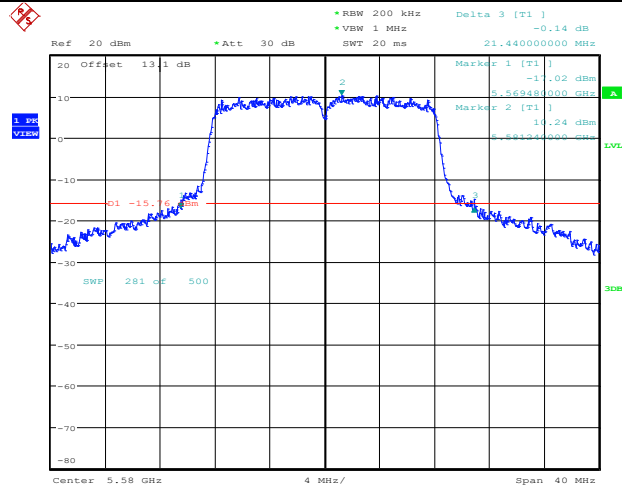
Date: 7.SEP.2021 18:44:54

Channel 100, 802.11a



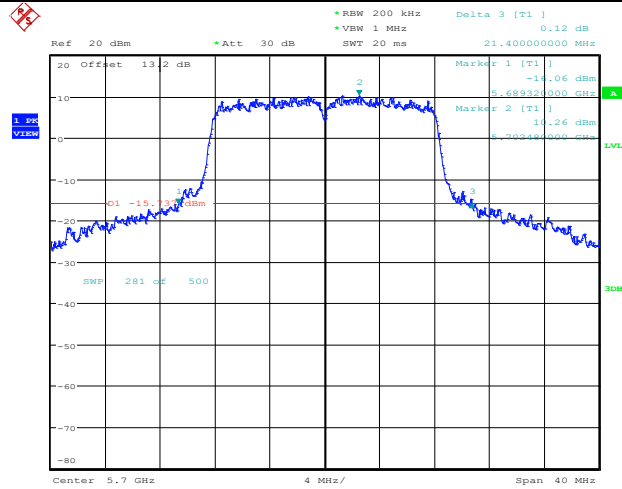
Date: 7.SEP.2021 18:46:41

Channel 116, 802.11a



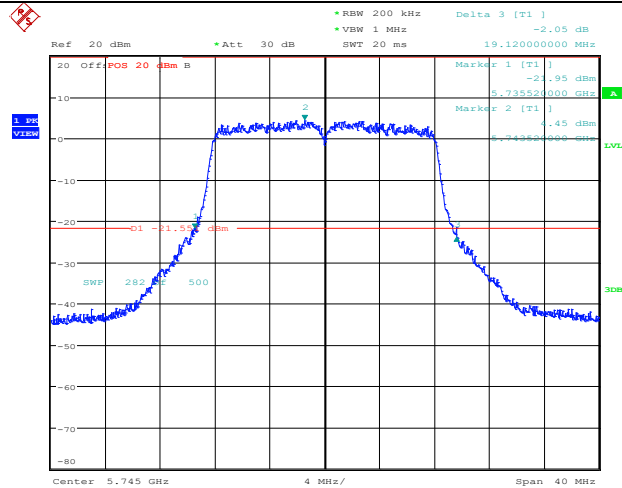
Date: 7.SEP.2021 18:48:37

Channel 140, 802.11a



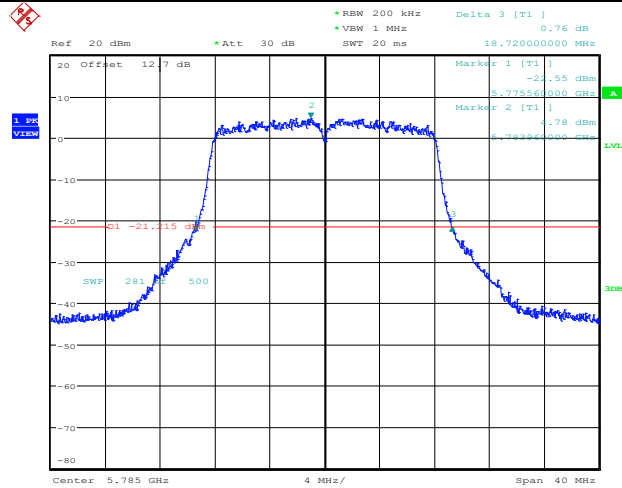
Date: 7.SEP.2021 18:50:41

Channel 149, 802.11a

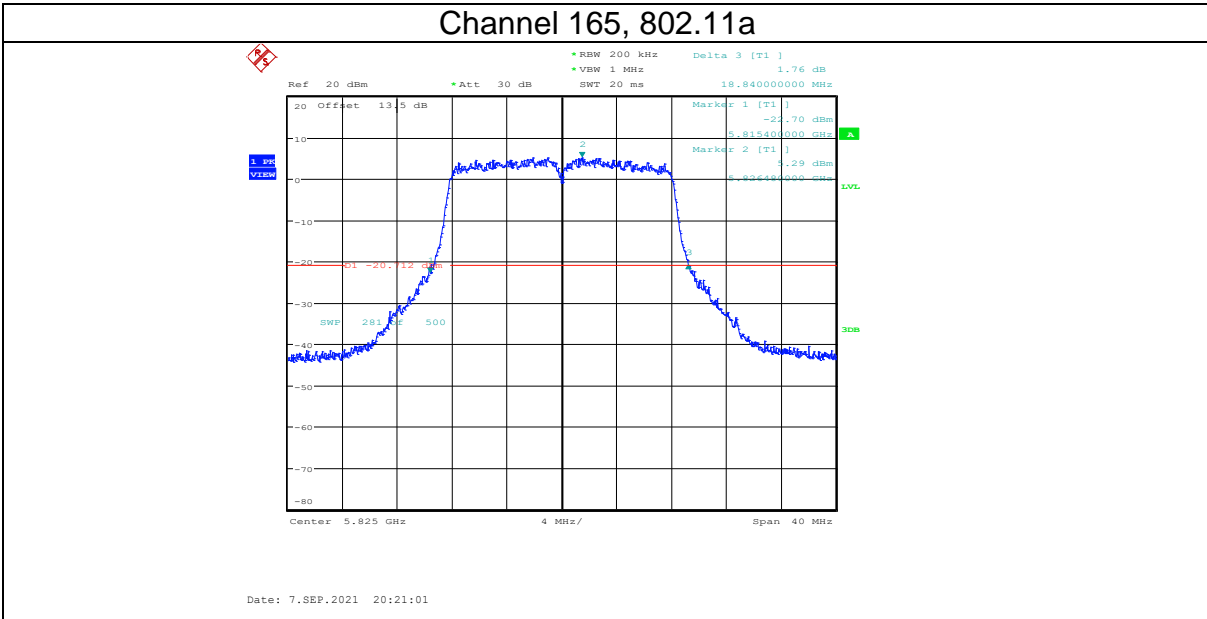


Date: 7.SEP.2021 20:35:29

Channel 157, 802.11a

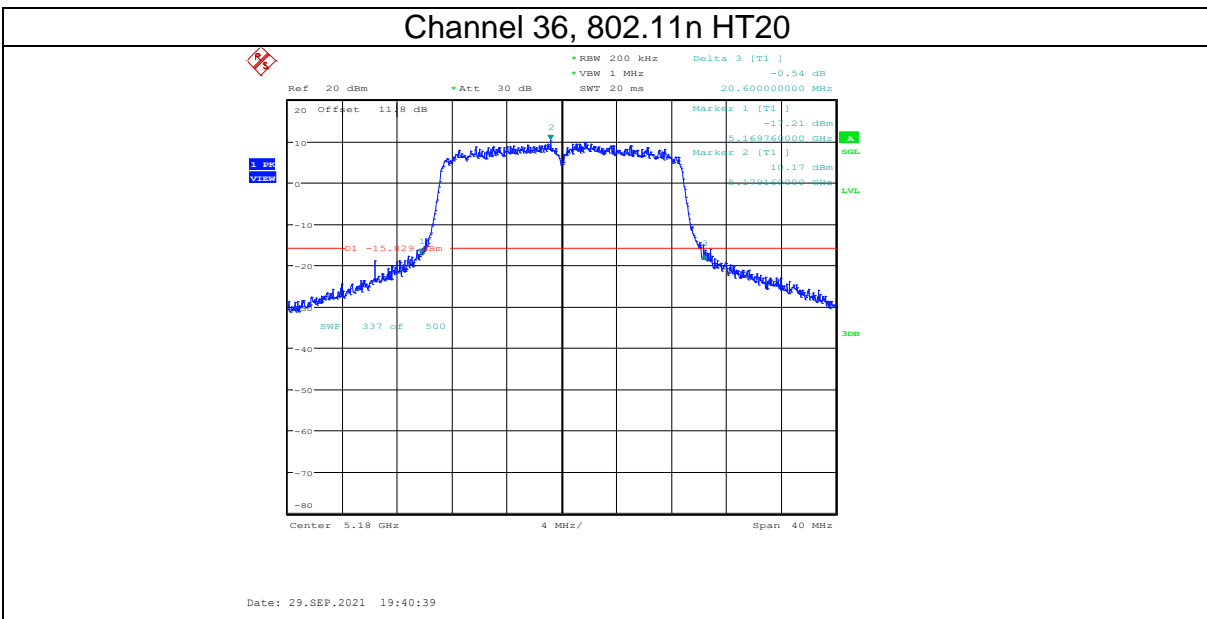


Date: 7.SEP.2021 20:18:12

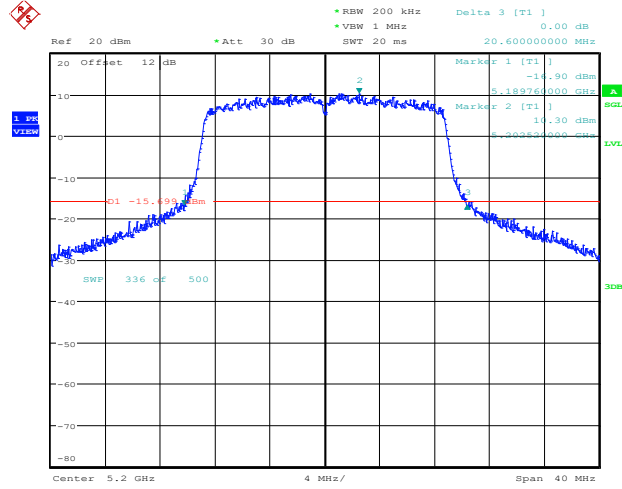


802.11n HT20 Mode ANT1

Channel	Frequency (MHz)	26dB Bandwidth [MHz]	Limit[MHz]	Verdict
36	5180	20.600	---	PASS
40	5200	20.600	---	PASS
48	5240	21.880	---	PASS
52	5260	21.960	---	PASS
56	5280	22.280	---	PASS
64	5320	22.240	---	PASS
100	5500	22.320	---	PASS
116	5580	22.440	---	PASS
140	5700	24.080	---	PASS
149	5745	19.920	---	PASS
157	5785	19.840	---	PASS
165	5825	20.000	---	PASS

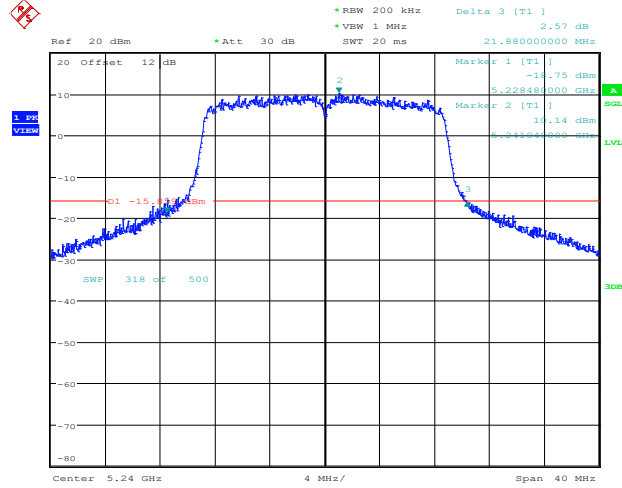


Channel 40, 802.11n HT20



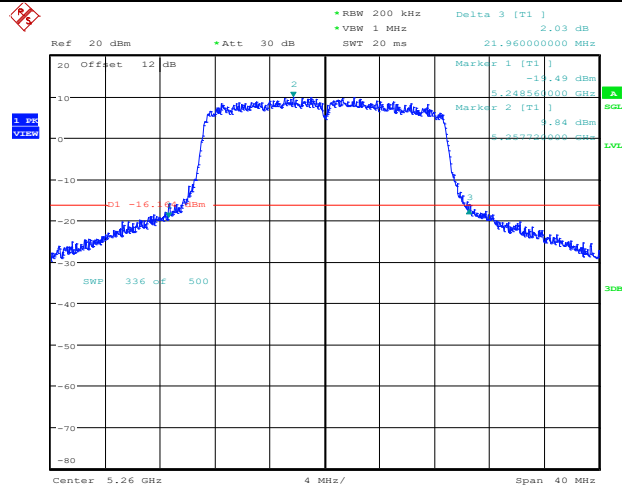
Date: 29.SEP.2021 19:43:33

Channel 48, 802.11n HT20



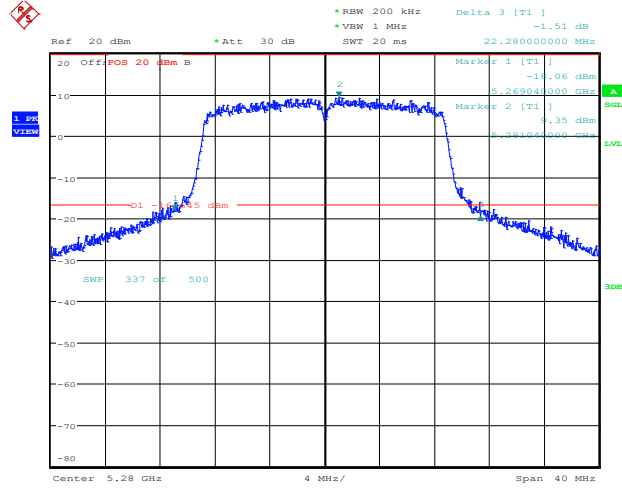
Date: 29.SEP.2021 19:45:18

Channel 52, 802.11n HT20



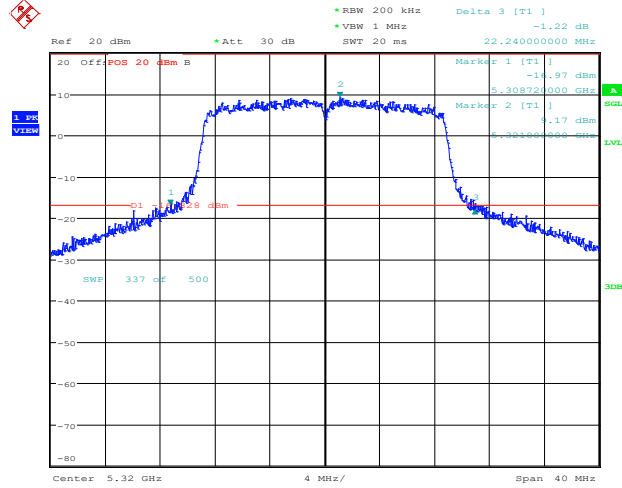
Date: 29.SEP.2021 19:46:51

Channel 56, 802.11n HT20



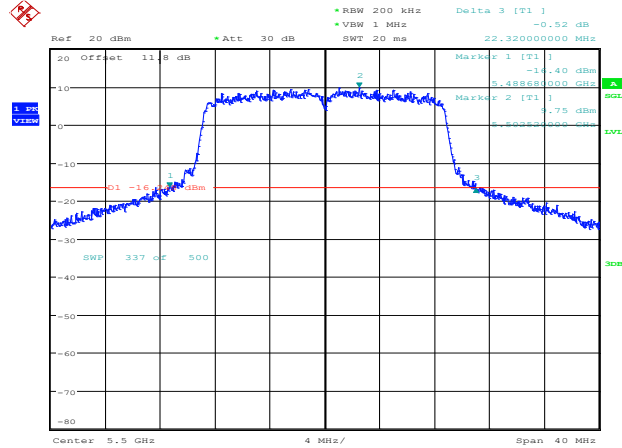
Date: 29.SEP.2021 19:48:29

Channel 64, 802.11n HT20



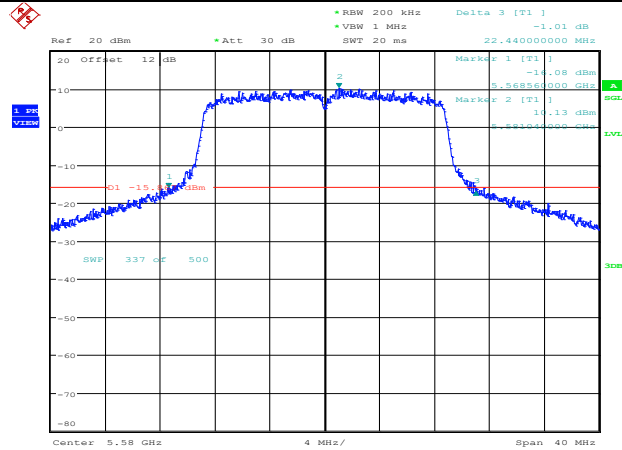
Date: 29.SEP.2021 19:50:09

Channel 100, 802.11n HT20



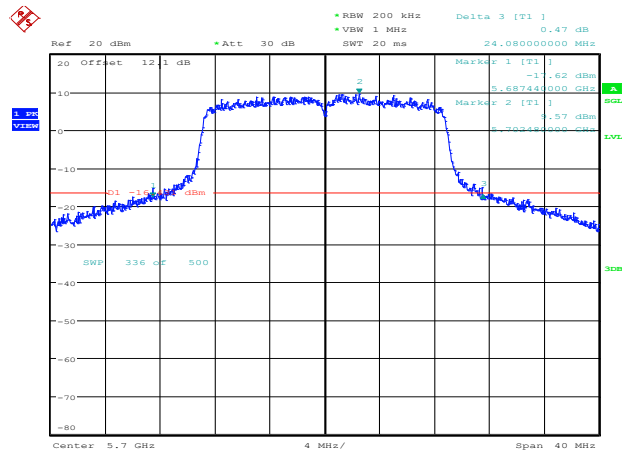
Date: 11.OCT.2021 13:13:33

Channel 116, 802.11n HT20



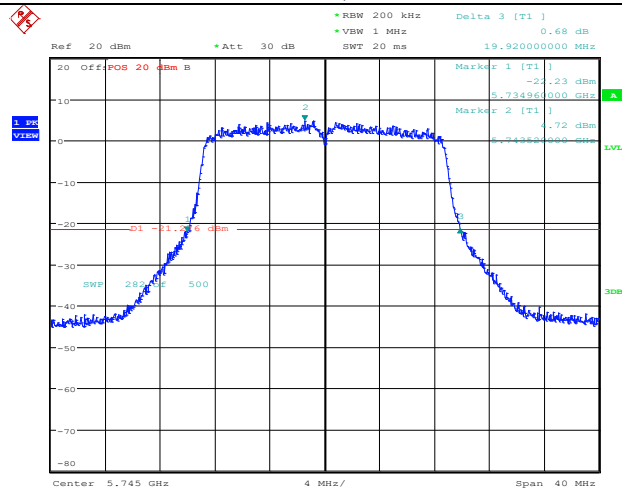
Date: 11.OCT.2021 13:14:23

Channel 140, 802.11n HT20

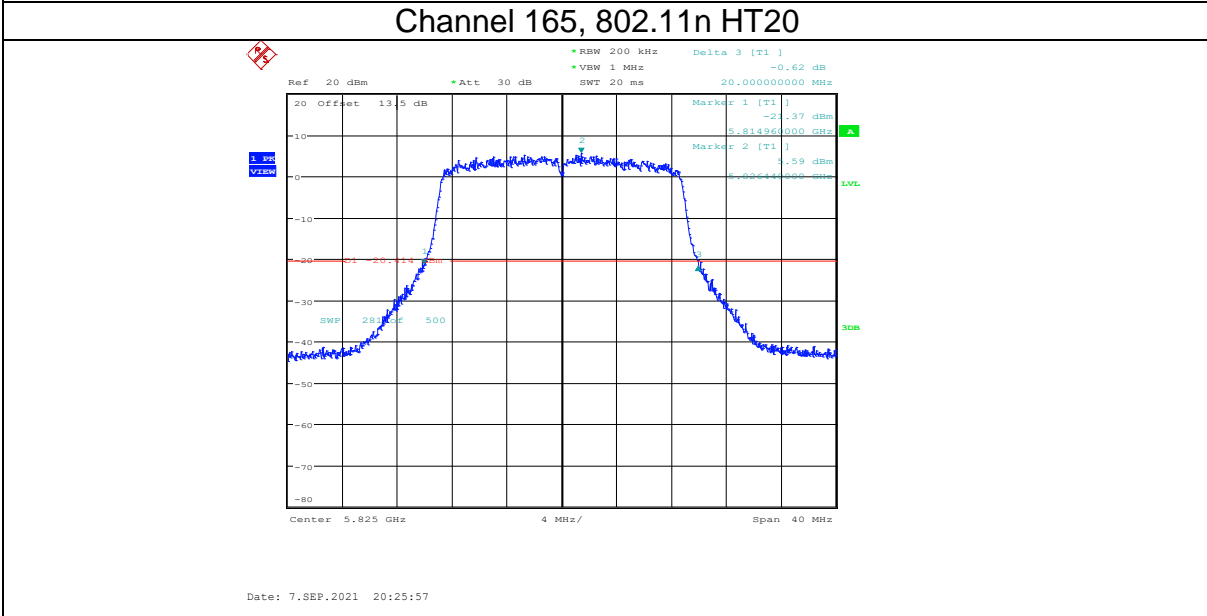
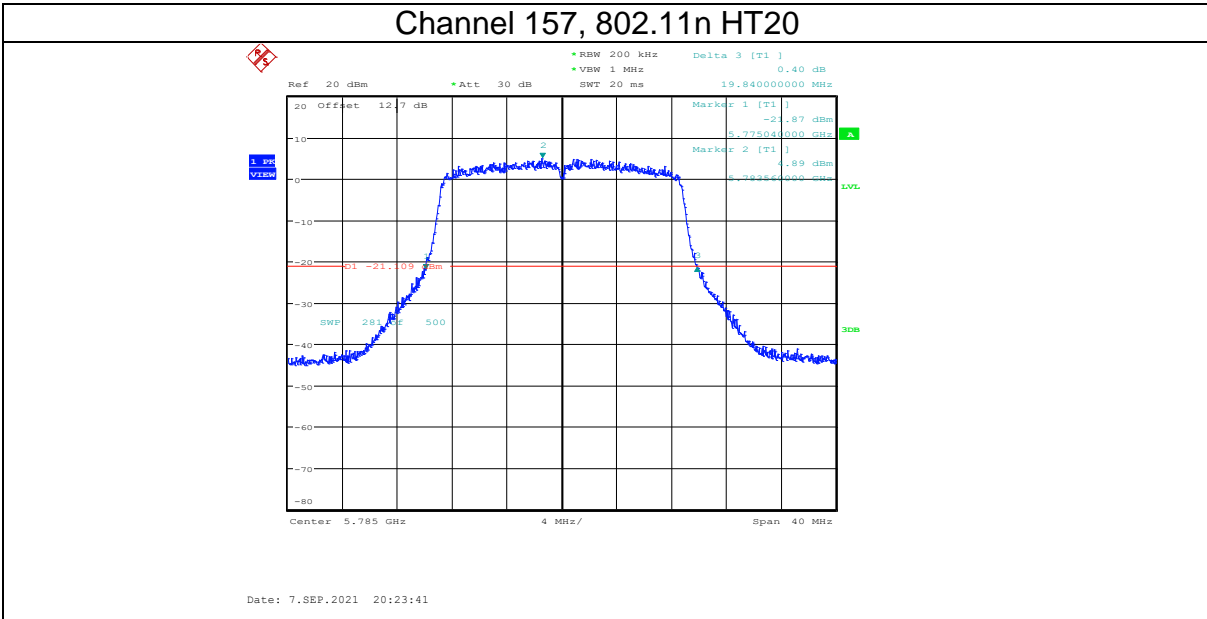


Date: 11.OCT.2021 13:15:14

Channel 149, 802.11n HT20



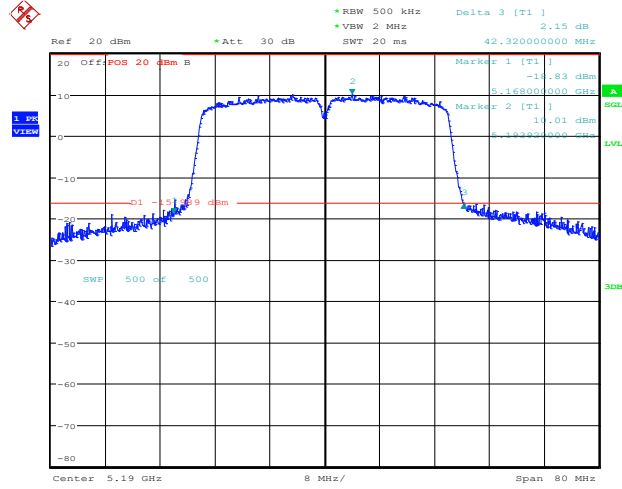
Date: 7.SEP.2021 20:12:46



802.11n HT40 Mode ANT1

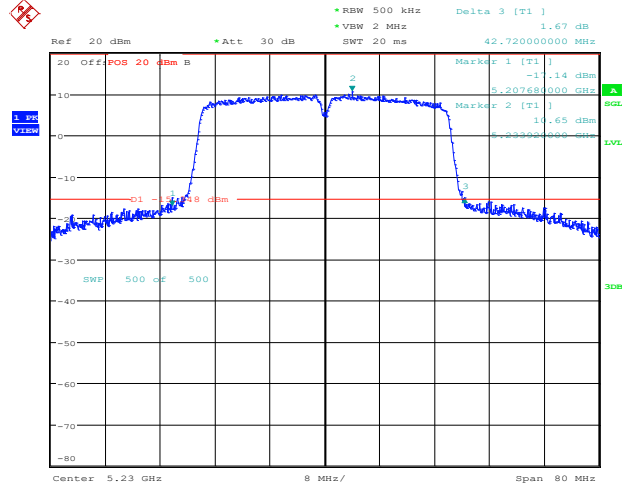
Channel	Frequency (MHz)	26dB Bandwidth [MHz]	Limit[MHz]	Verdict
38	5190	42.320	---	PASS
46	5230	42.720	---	PASS
54	5270	45.520	---	PASS
62	5310	44.720	---	PASS
102	5510	44.000	---	PASS
110	5550	45.680	---	PASS
134	5670	43.680	---	PASS
151	5755	40.000	---	PASS
159	5795	39.840	---	PASS

Channel 38, 802.11n HT40



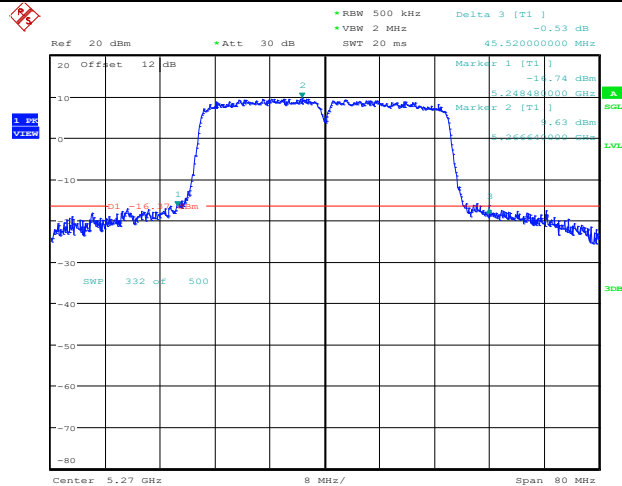
Date: 9.OCT.2021 17:21:21

Channel 46, 802.11n HT40



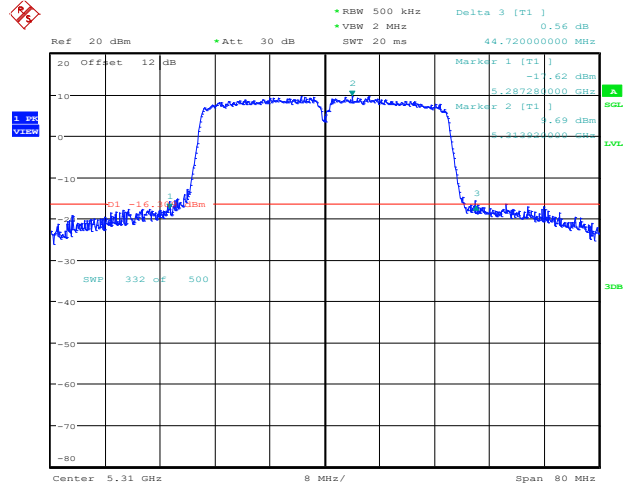
Date: 9.OCT.2021 17:22:21

Channel 54, 802.11n HT40



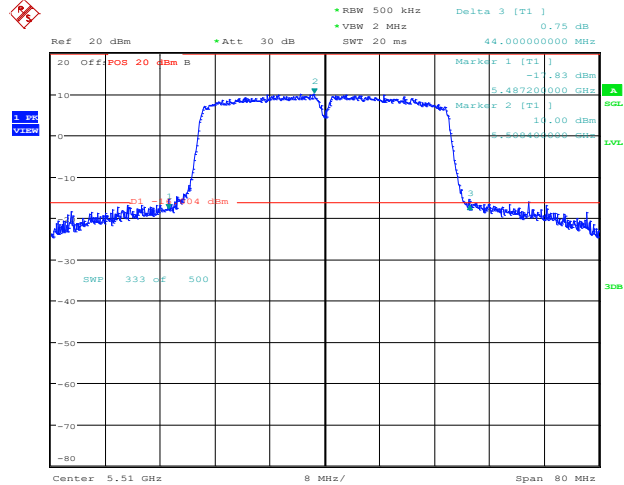
Date: 11.OCT.2021 13:26:16

Channel 62, 802.11n HT40



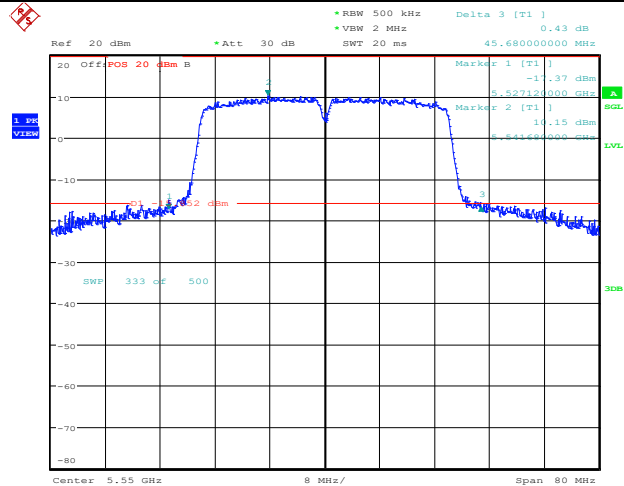
Date: 11.OCT.2021 13:27:11

Channel 102, 802.11n HT40



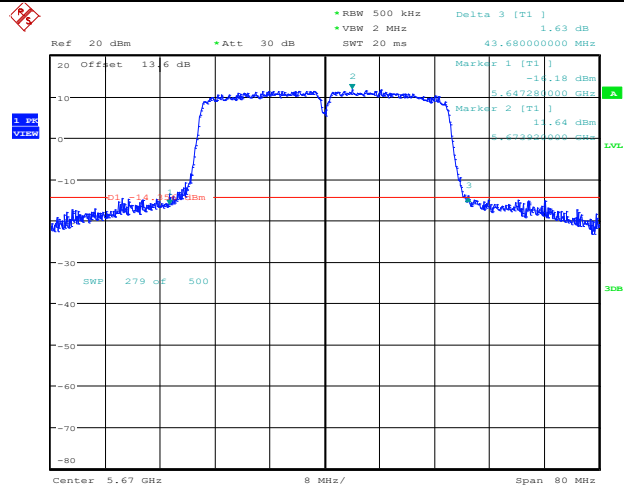
Date: 11.OCT.2021 13:28:07

Channel 110, 802.11n HT40



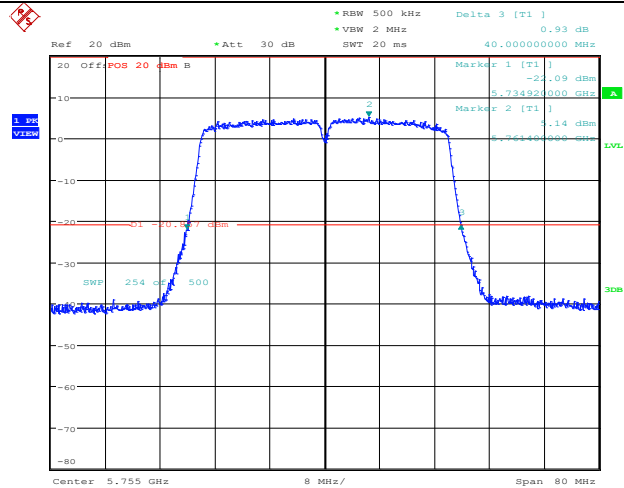
Date: 11.OCT.2021 13:29:07

Channel 134, 802.11n HT40



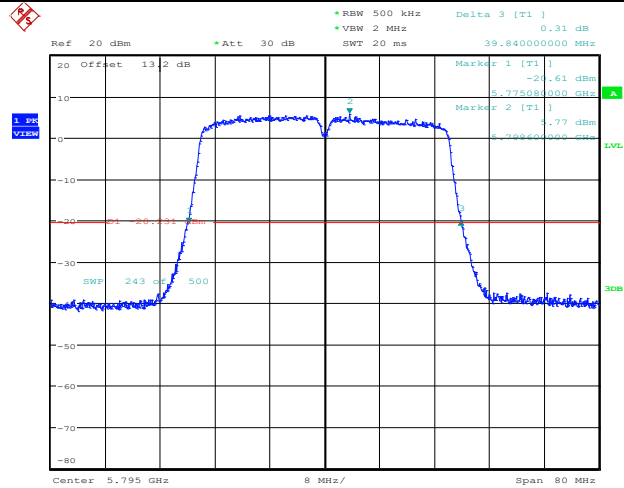
Date: 8.SEP.2021 08:29:10

Channel 151, 802.11n HT40



Date: 8.SEP.2021 08:53:02

Channel 159, 802.11n HT40



Date: 8.SEP.2021 08:55:28

802.11ac VHT20 Mode ANT1

Channel	Frequency (MHz)	26dB Bandwidth [MHz]	Limit[MHz]	Verdict
36	5180	20.480	---	PASS
40	5200	21.080	---	PASS
48	5240	21.240	---	PASS
52	5260	21.160	---	PASS
56	5280	22.400	---	PASS
64	5320	22.680	---	PASS
100	5500	23.400	---	PASS
116	5580	23.800	---	PASS
140	5700	23.360	---	PASS
149	5745	20.080	---	PASS
157	5785	20.000	---	PASS
165	5825	20.040	---	PASS

