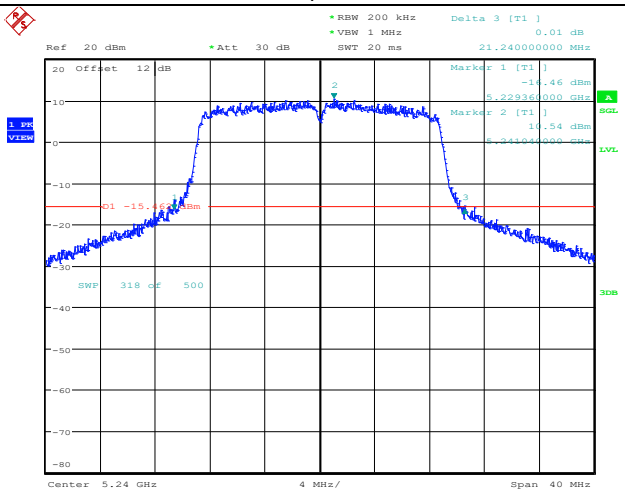
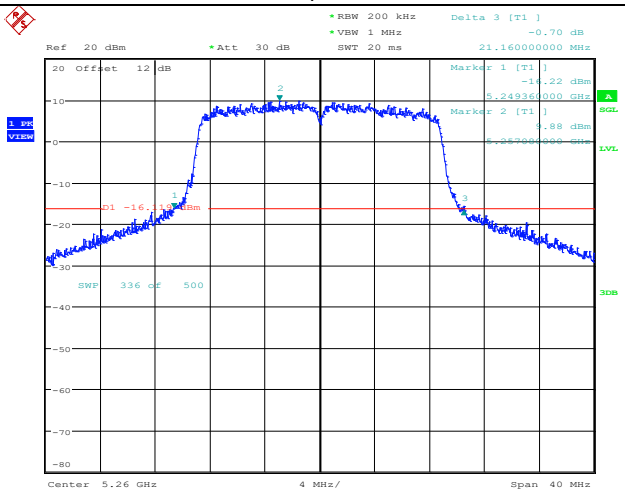
Channel 48, 802.11ac VHT20



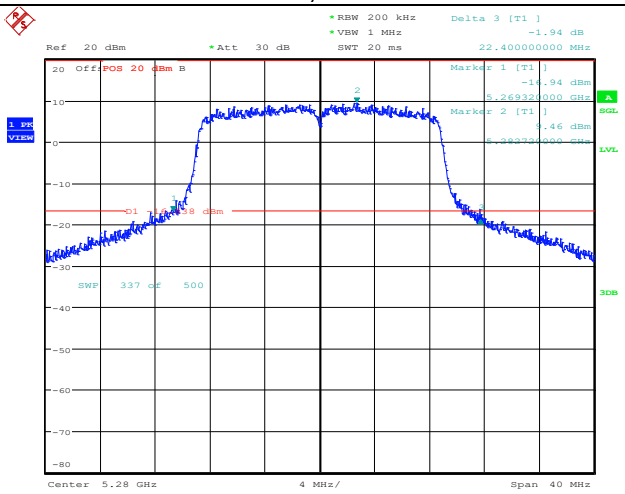
Date: 29.SEP.2021 20:05:45

Channel 52, 802.11ac VHT20



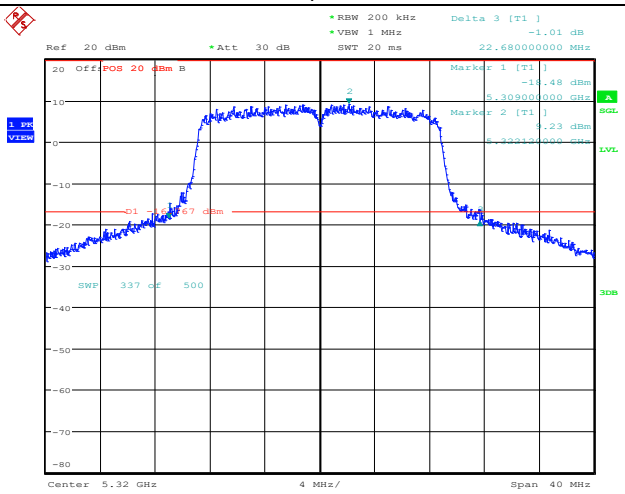
Date: 29.SEP.2021 20:07:03

Channel 56, 802.11ac VHT20



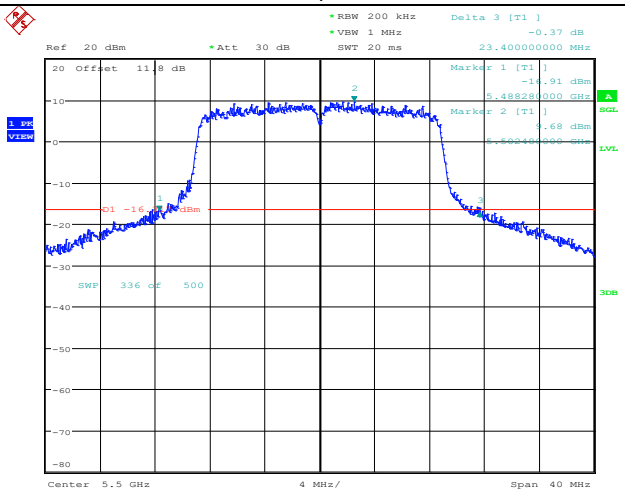
Date: 29.SEP.2021 20:08:17

Channel 64, 802.11ac VHT20



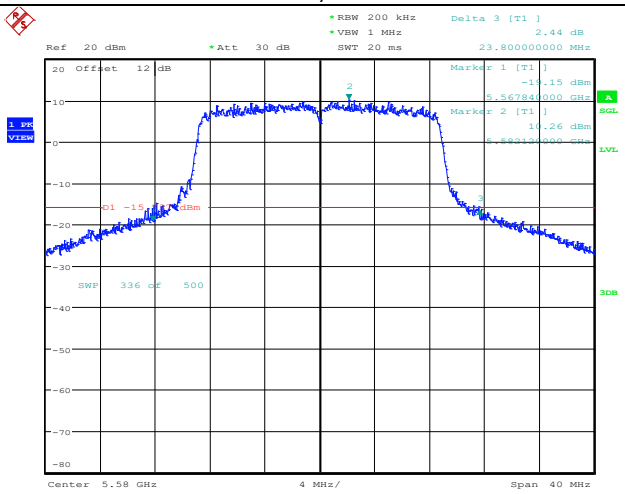
Date: 11.OCT.2021 13:30:20

Channel 100, 802.11ac VHT20



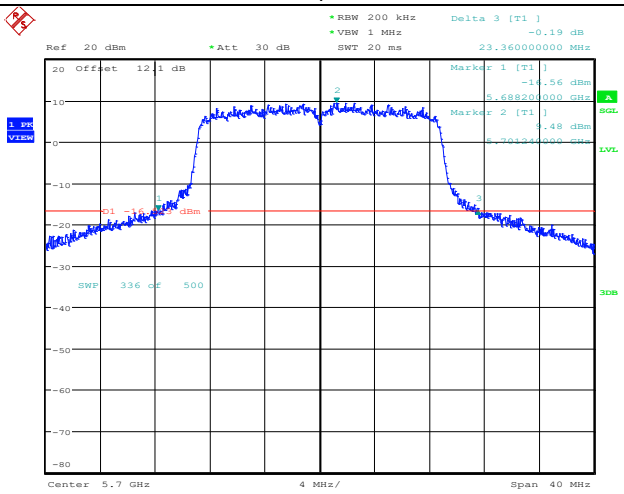
Date: 11.OCT.2021 13:31:13

Channel 116, 802.11ac VHT20



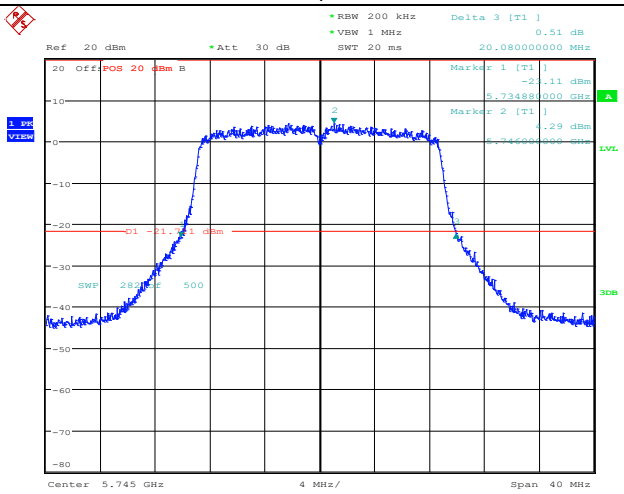
Date: 11.OCT.2021 13:32:01

Channel 140, 802.11ac VHT20



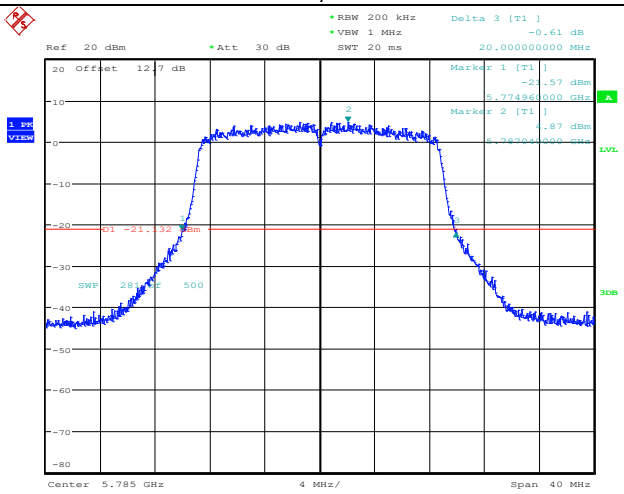
Date: 11.OCT.2021 13:11:36

Channel 149, 802.11ac VHT20



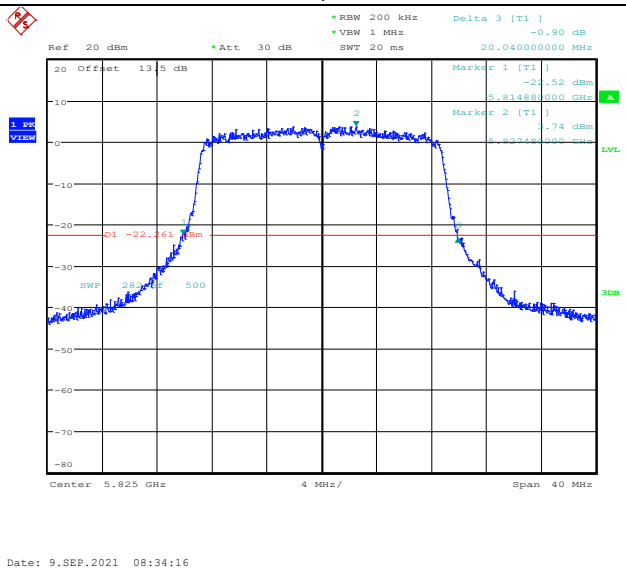
Date: 8.SEP.2021 09:18:28

Channel 157, 802.11ac VHT20



Date: 8.SEP.2021 09:23:23

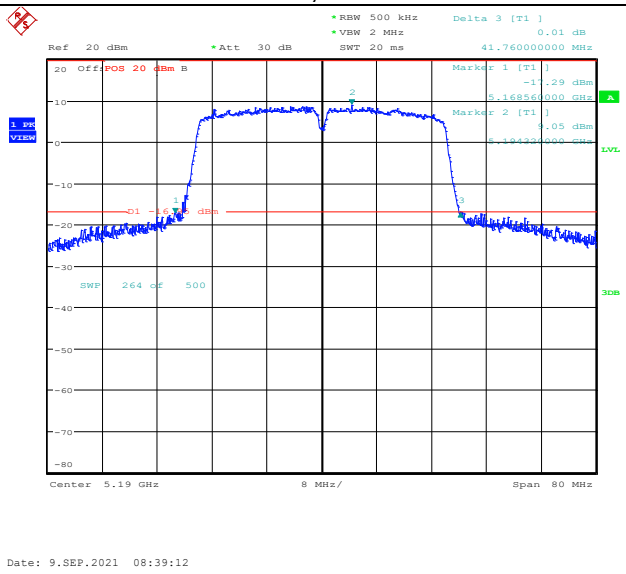
Channel 165, 802.11ac VHT20



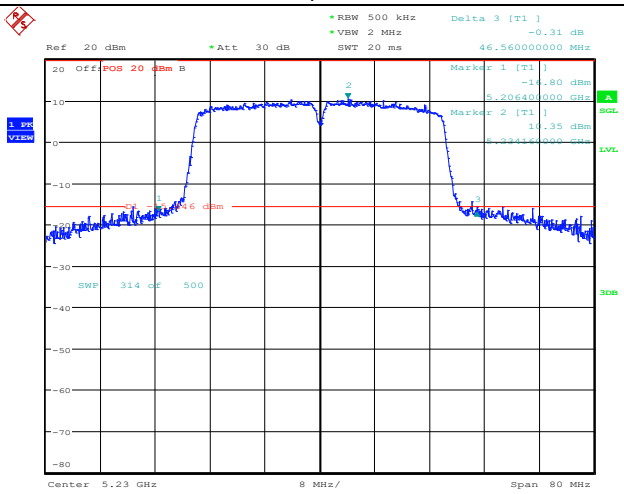
802.11ac VHT40 Mode ANT1

Channel	Frequency (MHz)	26dB Bandwidth [MHz]	Limit[MHz]	Verdict
38	5190	41.76	---	PASS
46	5230	46.560	---	PASS
54	5270	46.240	---	PASS
62	5310	46.080	---	PASS
102	5510	42.240	---	PASS
110	5550	45.440	---	PASS
134	5670	40.480	---	PASS
151	5755	40.080	---	PASS
159	5795	39.760	---	PASS

Channel 38, 802.11ac VHT40

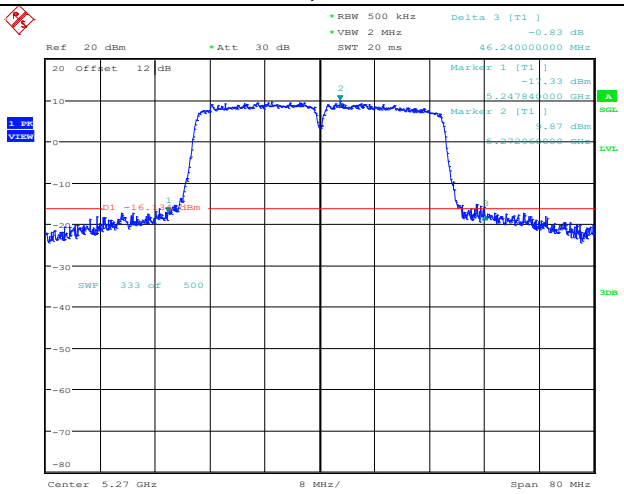


Channel 46, 802.11ac VHT40



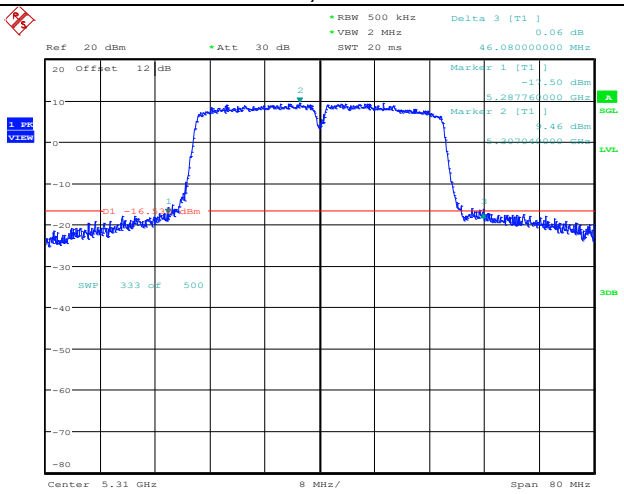
Date: 11.OCT.2021 12:48:26

Channel 54, 802.11ac VHT40



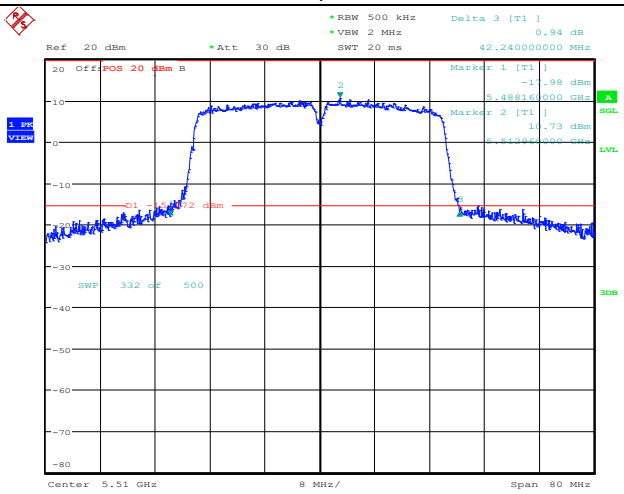
Date: 11.OCT.2021 12:50:04

Channel 62, 802.11ac VHT40



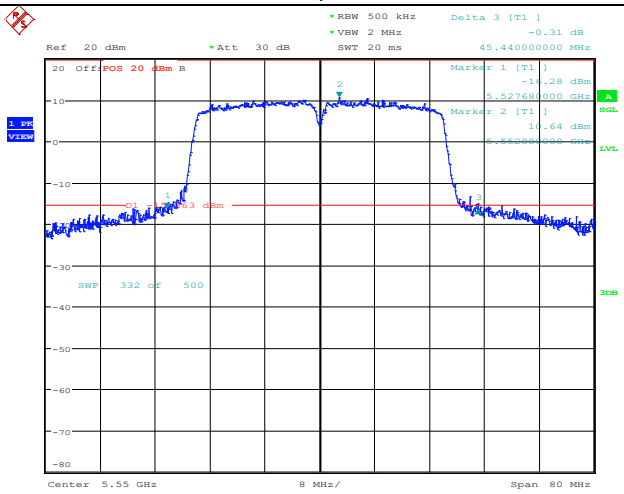
Date: 11.OCT.2021 12:50:53

Channel 102, 802.11ac VHT40



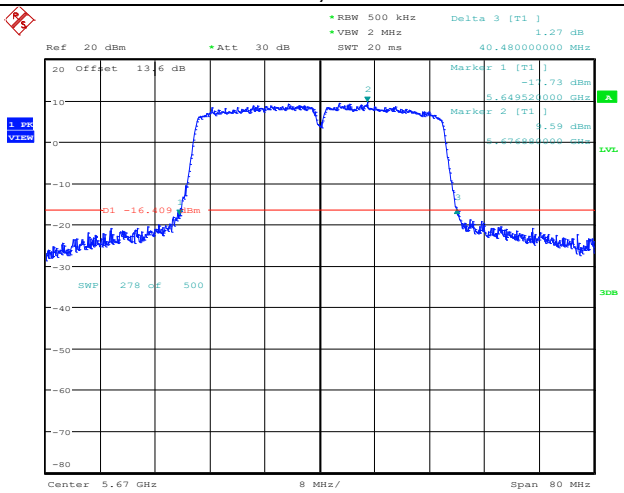
Date: 11.OCT.2021 13:34:10

Channel 110, 802.11ac VHT40



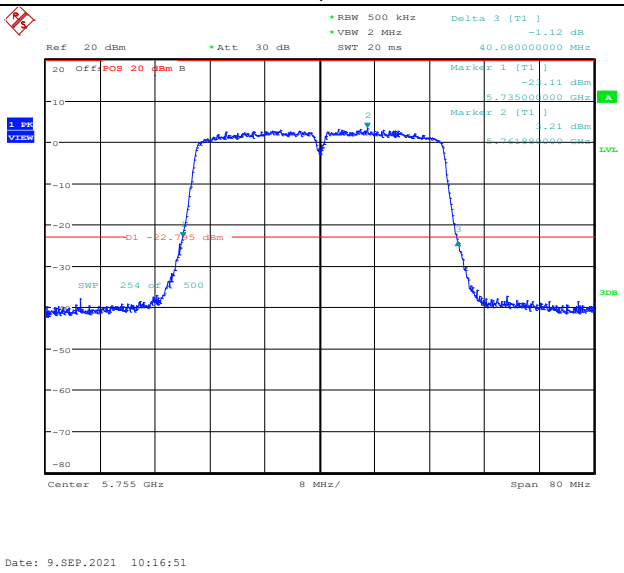
Date: 11.OCT.2021 13:35:01

Channel 134, 802.11ac VHT40

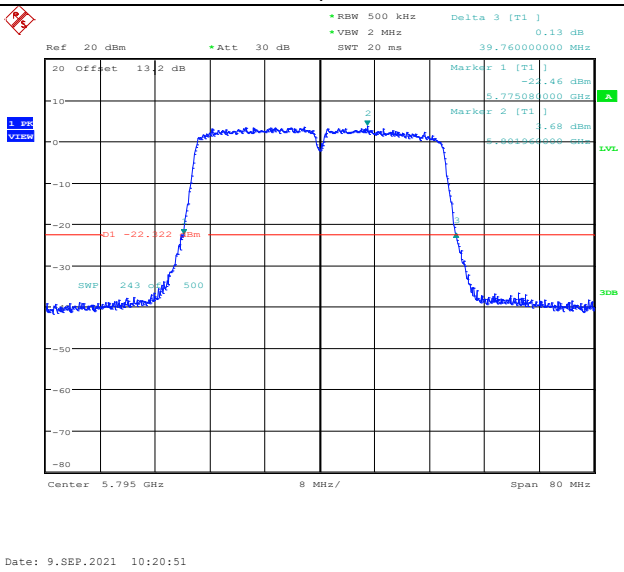


Date: 9.SEP.2021 08:52:45

Channel 151, 802.11ac VHT40



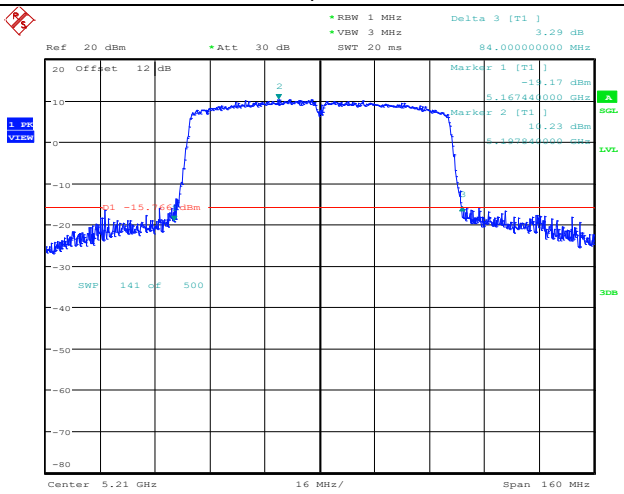
Channel 159, 802.11ac VHT40



802.11ac VHT80 Mode ANT1

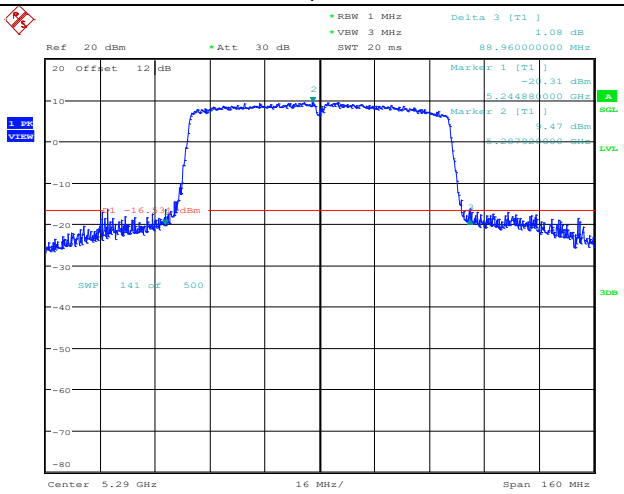
Channel	Frequency (MHz)	26dB Bandwidth [MHz]	Limit[MHz]	Verdict
42	5210	84.000	---	PASS
58	5290	88.960	---	PASS
106	5530	85.600	---	PASS
122	5610	83.680	---	PASS
155	5775	82.560	---	PASS

Channel 42, 802.11ac VHT80



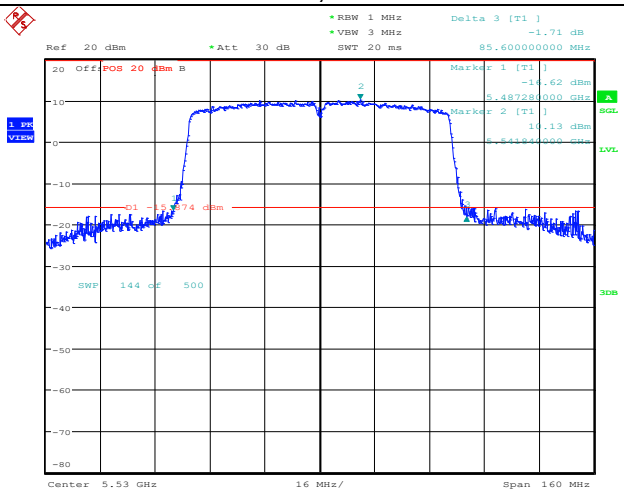
Date: 11.OCT.2021 12:55:08

Channel 58, 802.11ac VHT80



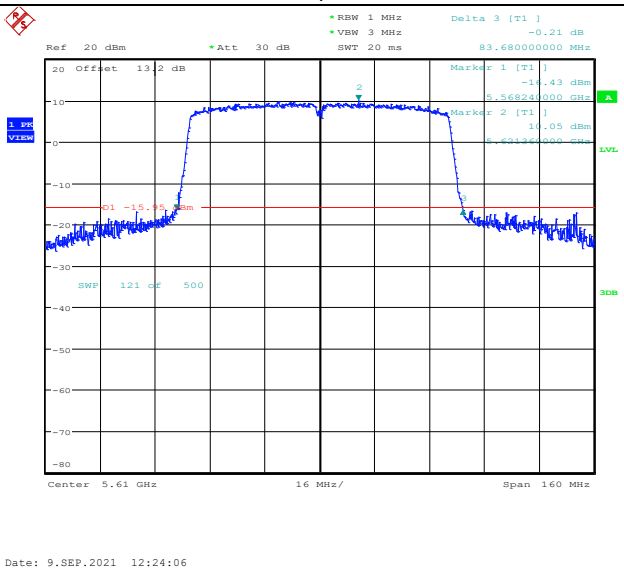
Date: 11.OCT.2021 13:37:05

Channel 106, 802.11ac VHT80

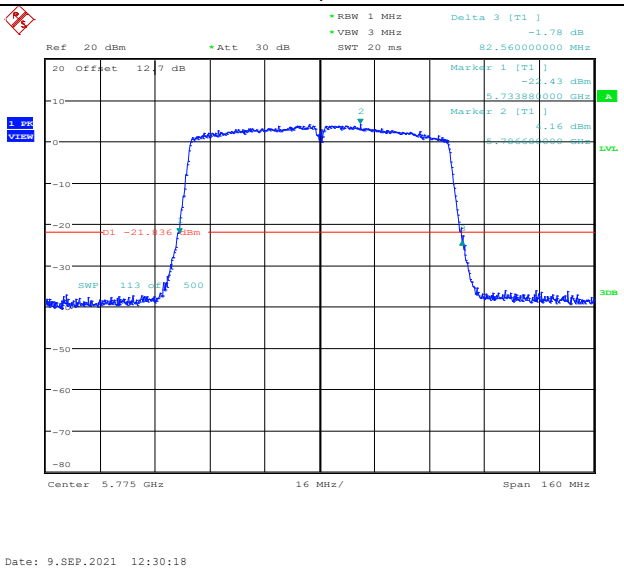


Date: 11.OCT.2021 12:58:08

Channel 122, 802.11ac VHT80



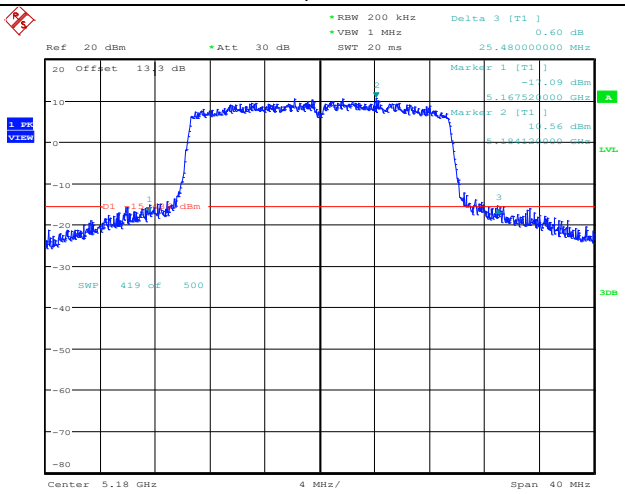
Channel 155, 802.11ac VHT80



802.11ax HEW20 Mode ANT1

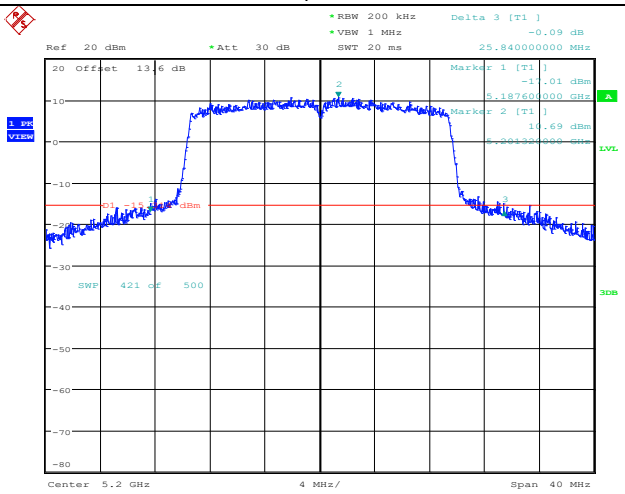
Channel	Frequency (MHz)	26dB Bandwidth [MHz]	Limit[MHz]	Verdict
36	5180	25.480	---	PASS
40	5200	25.840	---	PASS
48	5240	25.520	---	PASS
52	5260	25.640	---	PASS
56	5280	27.440	---	PASS
64	5320	24.000	---	PASS
100	5500	25.880	---	PASS
116	5580	25.400	---	PASS
140	5700	26.080	---	PASS
149	5745	20.880	---	PASS
157	5785	20.840	---	PASS
165	5825	20.920	---	PASS

Channel 36, 802.11ax HEW20



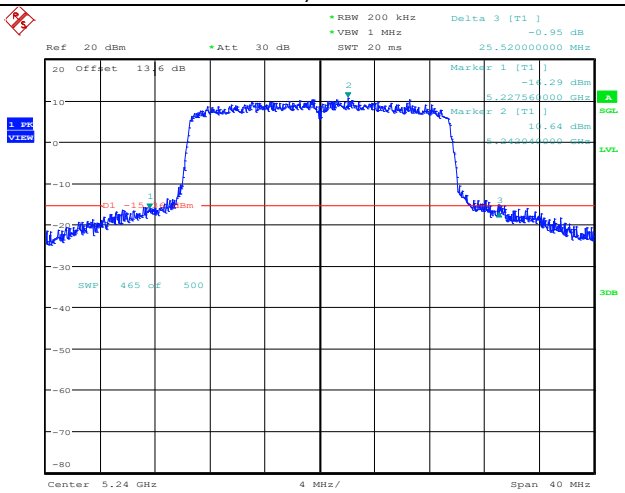
Date: 29.SEP.2021 09:42:43

Channel 40, 802.11ax HEW20



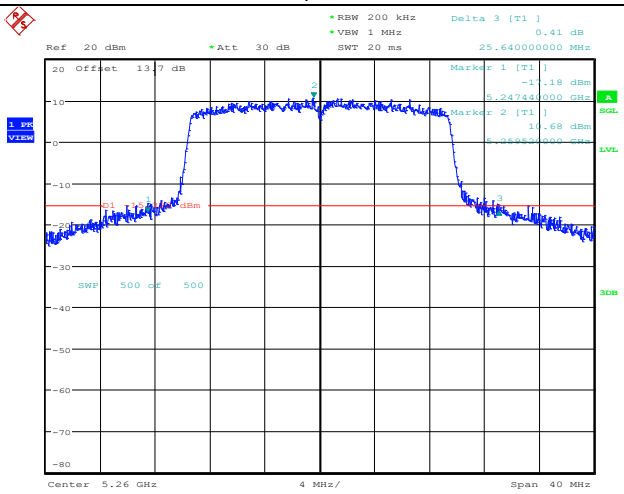
Date: 29.SEP.2021 09:45:13

Channel 48, 802.11ax HEW20



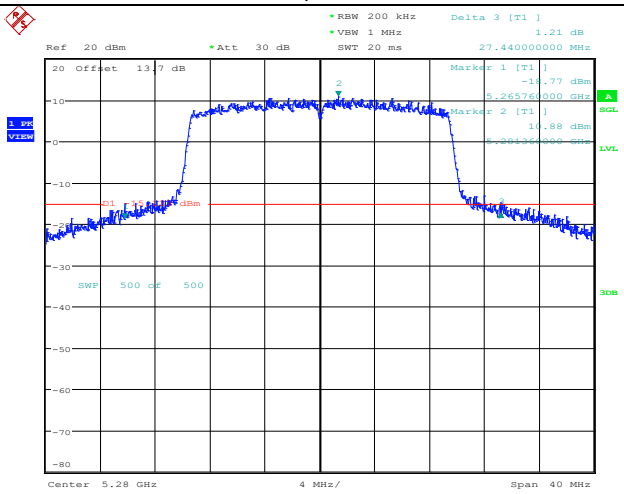
Date: 12.OCT.2021 09:01:58

Channel 52, 802.11ax HEW20



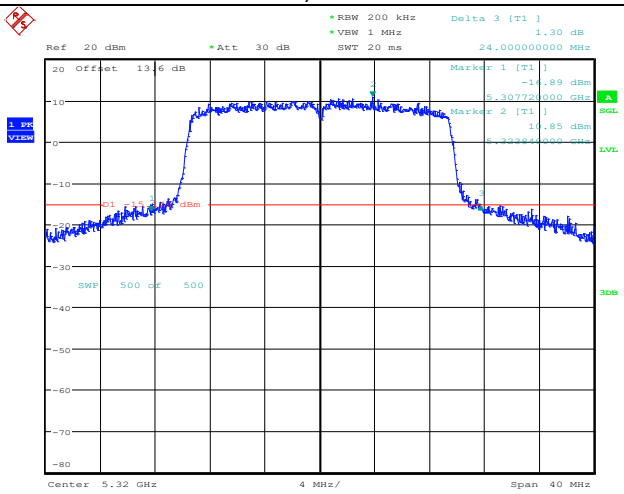
Date: 12.OCT.2021 09:03:18

Channel 56, 802.11ax HEW20



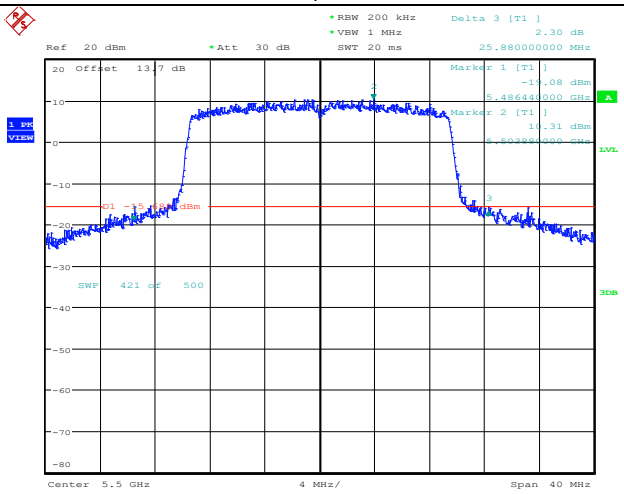
Date: 12.OCT.2021 09:13:13

Channel 64, 802.11ax HEW20



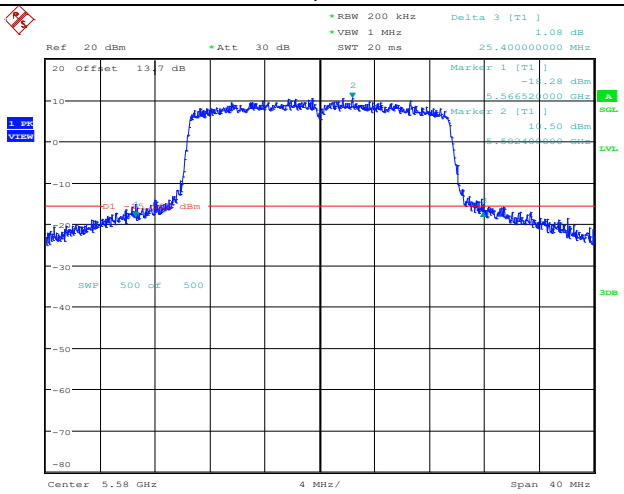
Date: 12.OCT.2021 09:09:19

Channel 100, 802.11ax HEW20



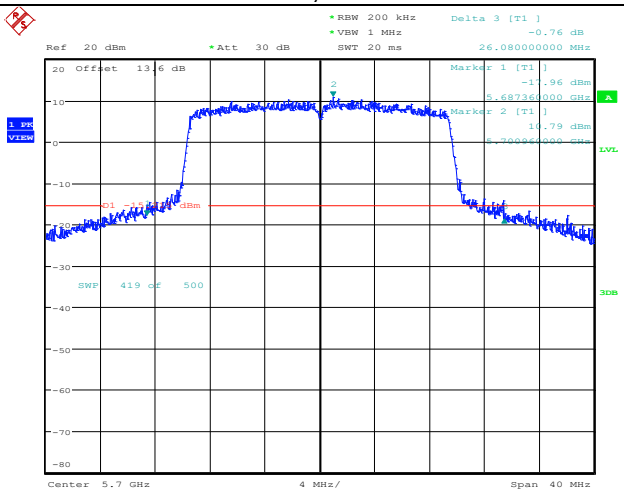
Date: 29.SEP.2021 10:01:28

Channel 116, 802.11ax HEW20



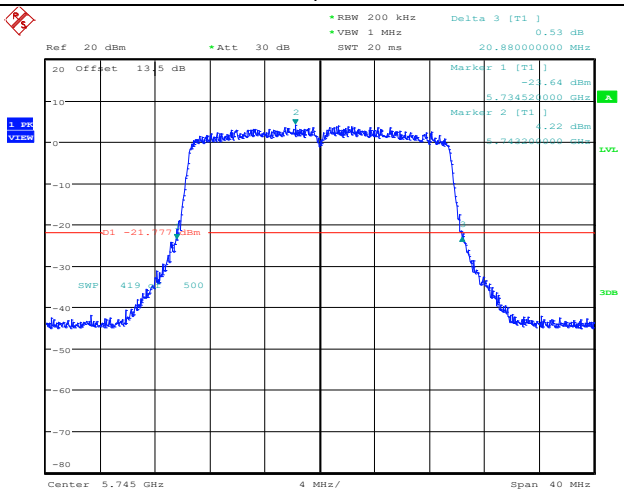
Date: 12.OCT.2021 08:46:43

Channel 140, 802.11ax HEW20



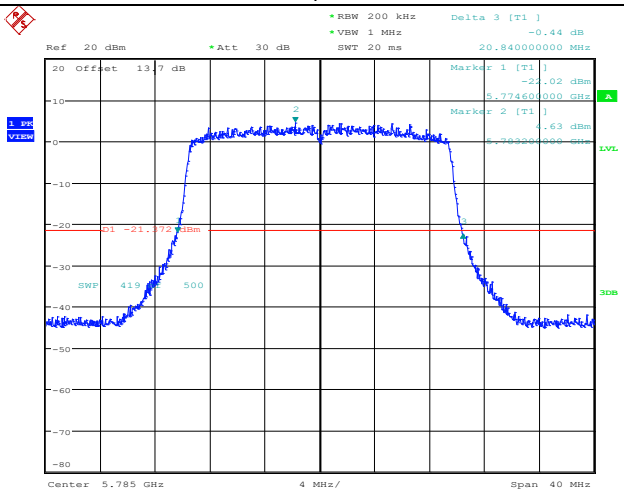
Date: 29.SEP.2021 10:05:50

Channel 149, 802.11ax HEW20



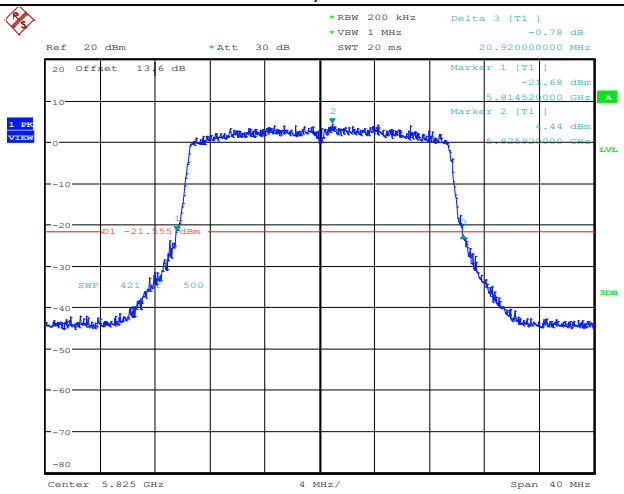
Date: 29.SEP.2021 10:08:11

Channel 157, 802.11ax HEW20



Date: 29.SEP.2021 10:11:51

Channel 165, 802.11ax HEW20

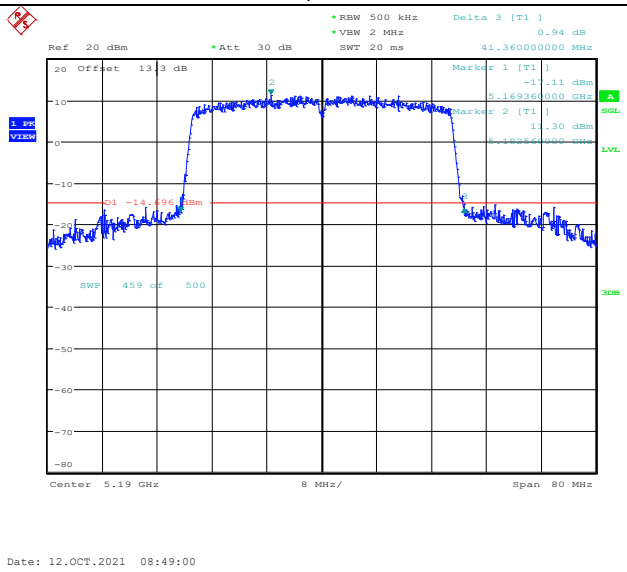


Date: 29.SEP.2021 10:14:11

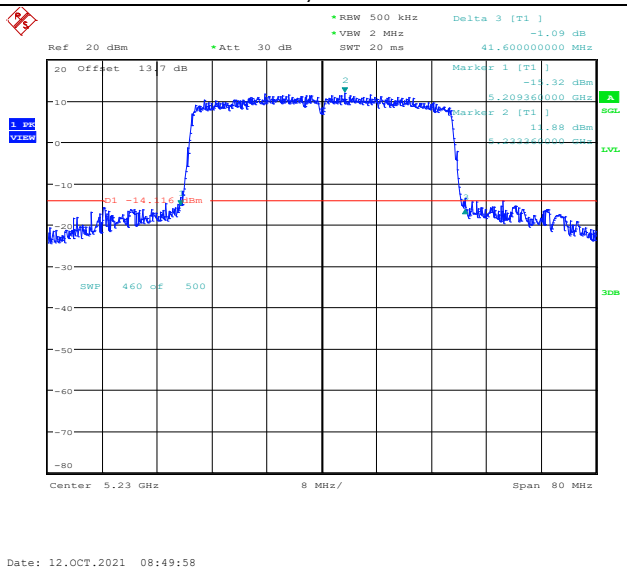
802.11ax HEW40 Mode ANT1

Channel	Frequency (MHz)	26dB Bandwidth [MHz]	Limit[MHz]	Verdict
38	5190	41.360	---	PASS
46	5230	41.600	---	PASS
54	5270	41.840	---	PASS
62	5310	41.120	---	PASS
102	5510	41.200	---	PASS
110	5550	42.000	---	PASS
134	5670	41.360	---	PASS
151	5755	40.640	---	PASS
159	5795	40.720	---	PASS

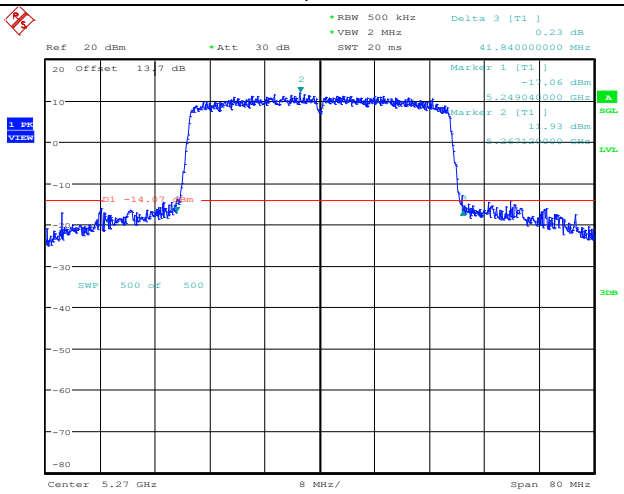
Channel 38, 802.11ax HEW40



Channel 46, 802.11ax HEW40

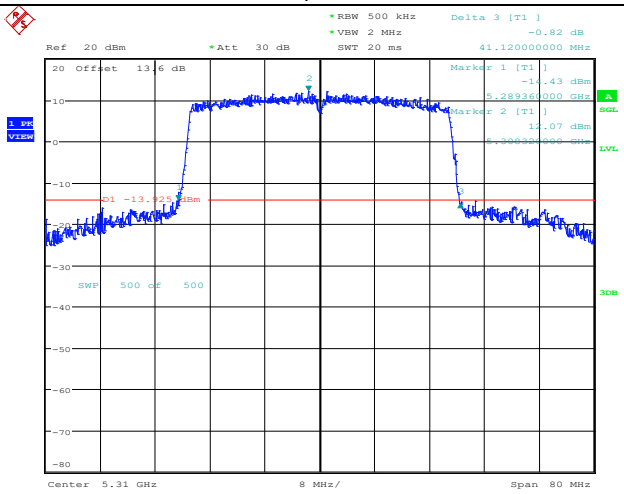


Channel 54, 802.11ax HEW40



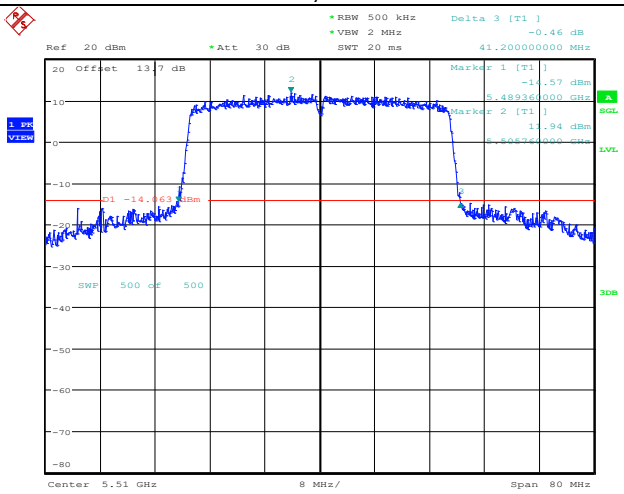
Date: 12.OCT.2021 08:54:02

Channel 62, 802.11ax HEW40



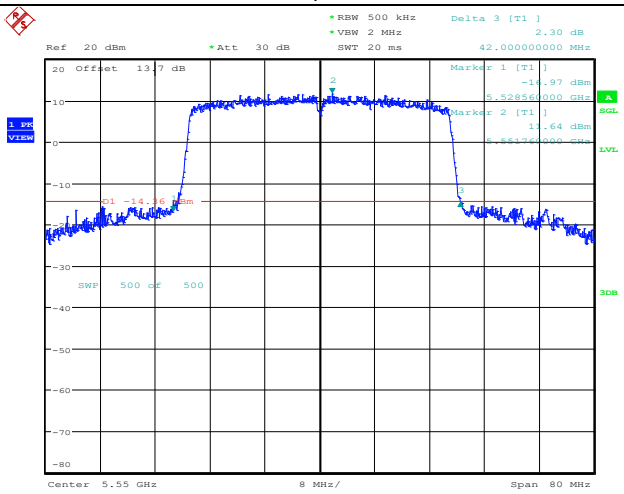
Date: 12.OCT.2021 08:55:01

Channel 102, 802.11ax HEW40



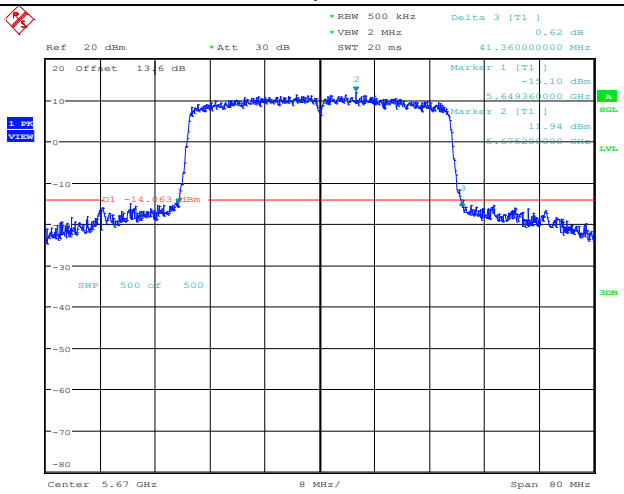
Date: 12.OCT.2021 08:56:13

Channel 110, 802.11ax HEW40



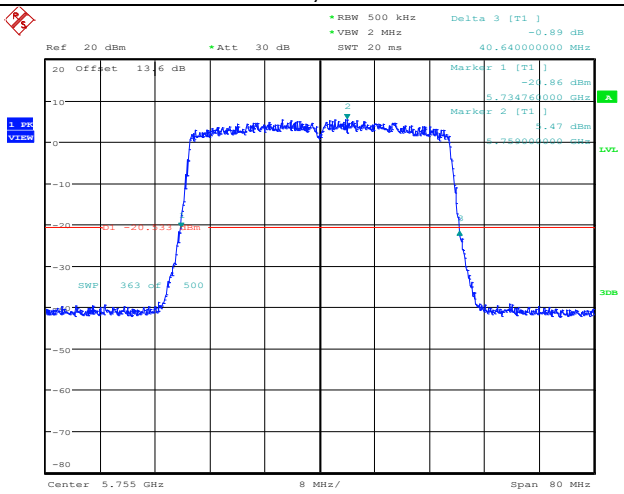
Date: 12.OCT.2021 08:57:09

Channel 134, 802.11ax HEW40



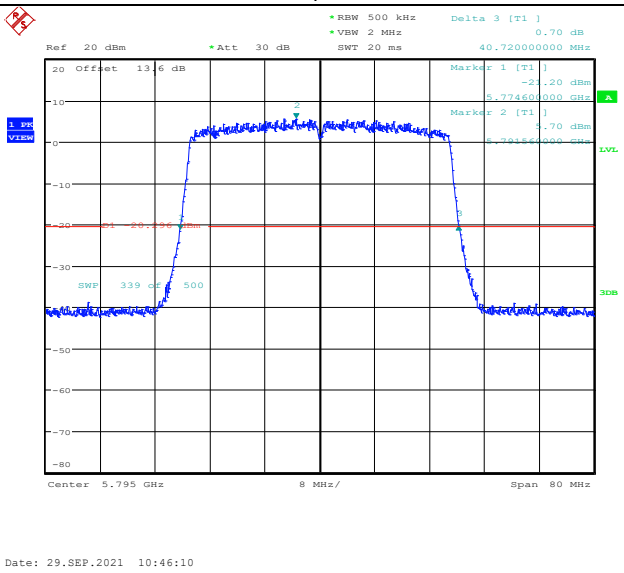
Date: 12.OCT.2021 08:59:49

Channel 151, 802.11ax HEW40



Date: 29.SEP.2021 10:43:16

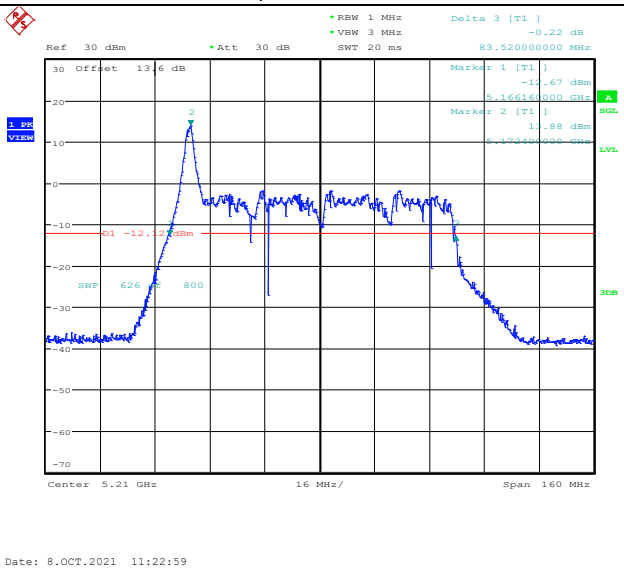
Channel 159, 802.11ax HEW40



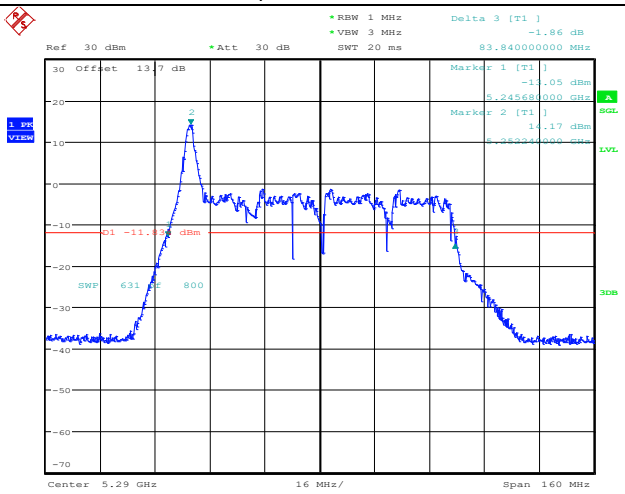
802.11ax HEW80 RU26 Mode ANT1

Channel	Frequency (MHz)	26dB Bandwidth [MHz]	Limit[MHz]	Verdict
42	5210	83.520	---	PASS
58	5290	83.840	---	PASS
106	5530	83.520	---	PASS
122	5610	83.360	---	PASS
155	5775	83.520	---	PASS

Channel 42, 802.11ax HEW80 RU26

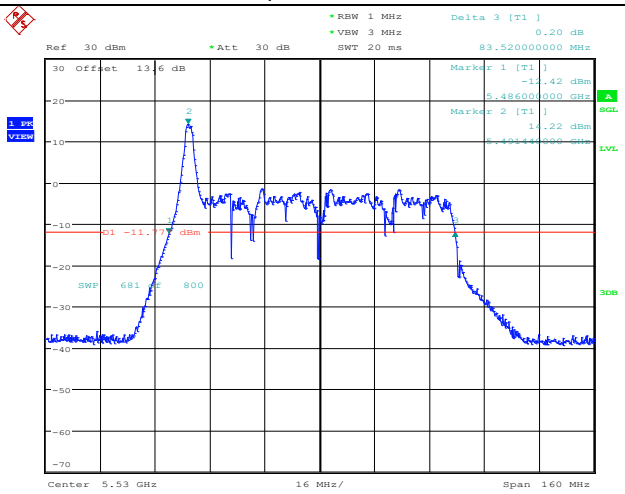


Channel 58, 802.11ax HEW80 RU26



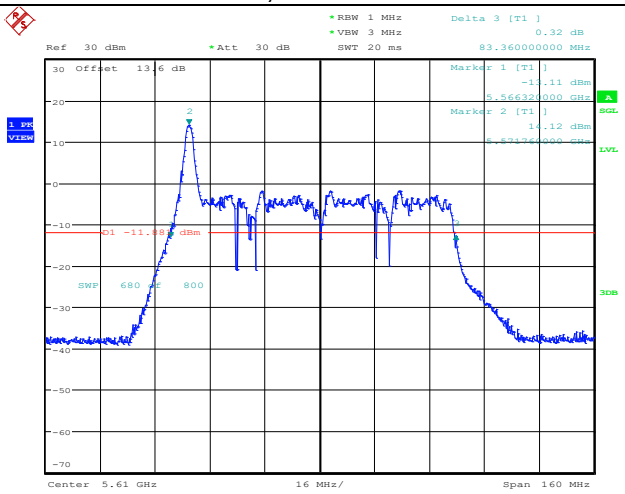
Date: 8.OCT.2021 11:31:57

Channel 106, 802.11ax HEW80 RU26



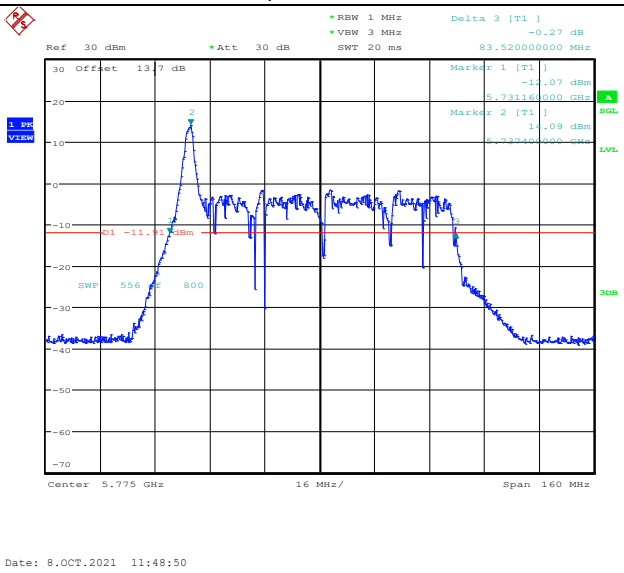
Date: 8.OCT.2021 11:37:31

Channel 122, 802.11ax HEW80 RU26



Date: 8.OCT.2021 11:42:31

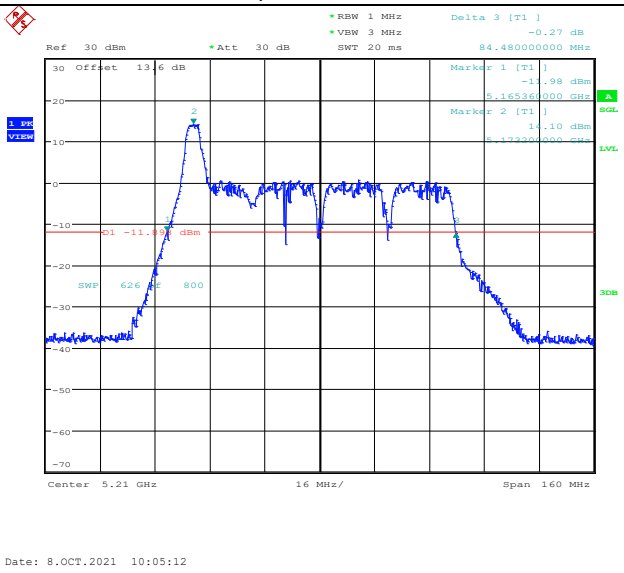
Channel 155, 802.11ax HEW80 RU26



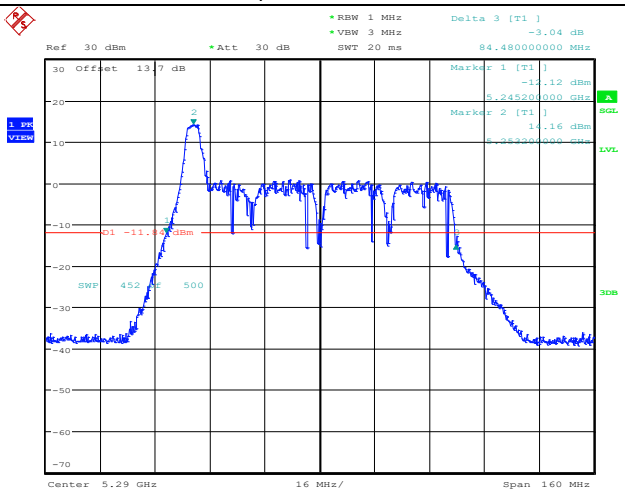
802.11ax HEW80 RU52 Mode ANT1

Channel	Frequency (MHz)	26dB Bandwidth [MHz]	Limit[MHz]	Verdict
42	5210	84.480	---	PASS
58	5290	84.480	---	PASS
106	5530	84.000	---	PASS
122	5610	84.000	---	PASS
155	5775	84.640	---	PASS

Channel 42, 802.11ax HEW80 RU52

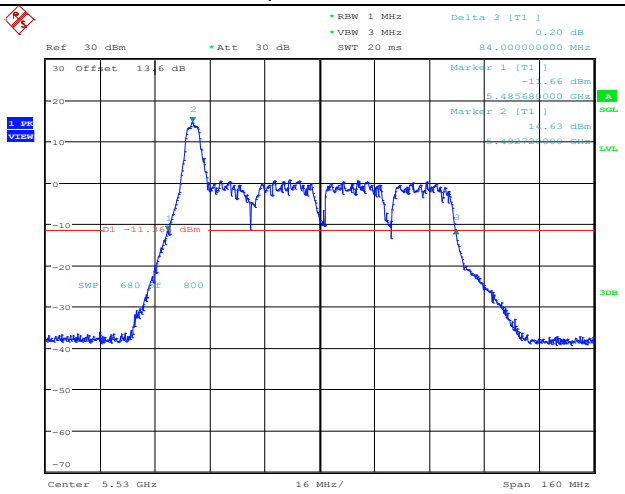


Channel 58, 802.11ax HEW80 RU52



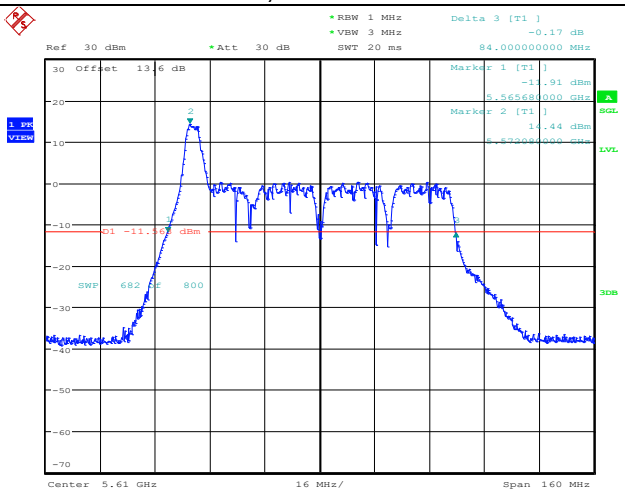
Date: 8.OCT.2021 10:13:14

Channel 106, 802.11ax HEW80 RU52



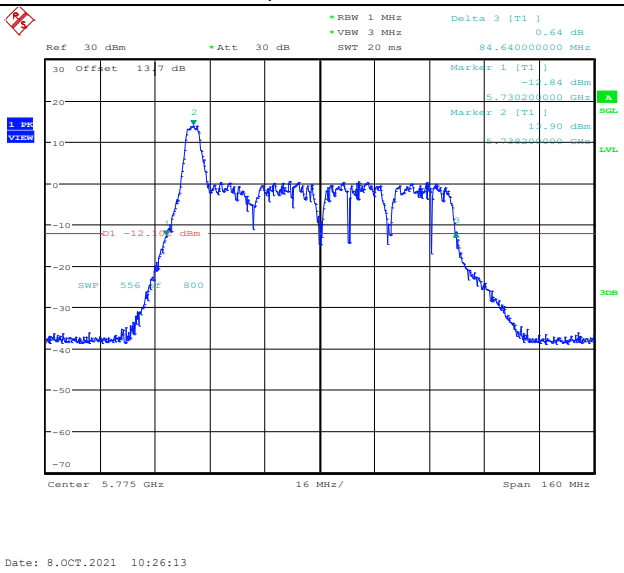
Date: 8.OCT.2021 10:16:59

Channel 122, 802.11ax HEW80 RU52



Date: 8.OCT.2021 10:22:28

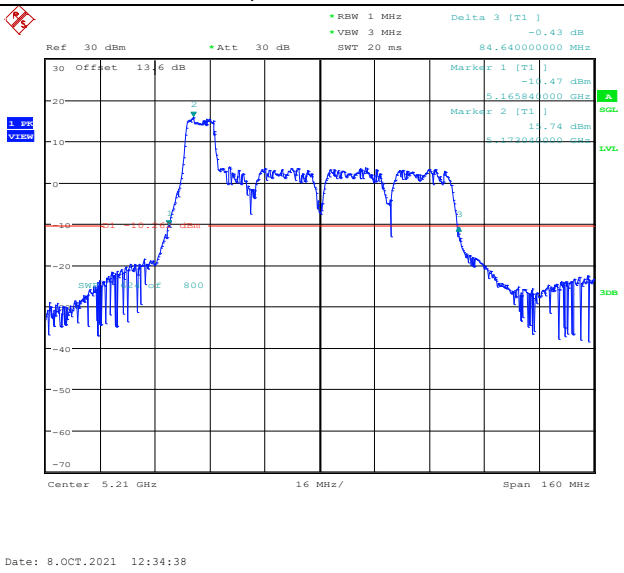
Channel 155, 802.11ax HEW80 RU52



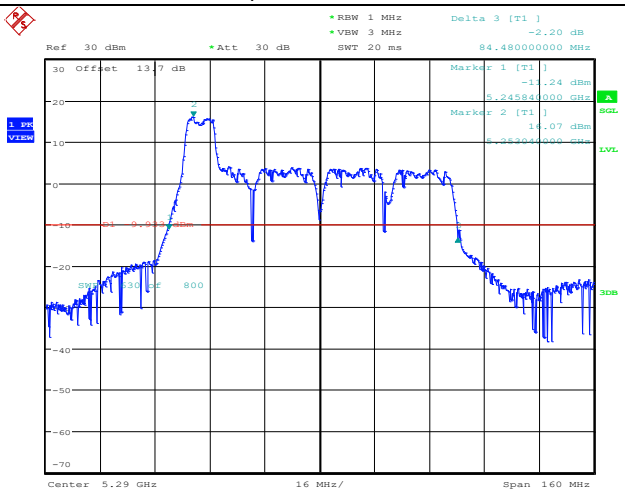
802.11ax HEW80 RU106 Mode ANT1

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

Channel 42, 802.11ax HEW80 RU106

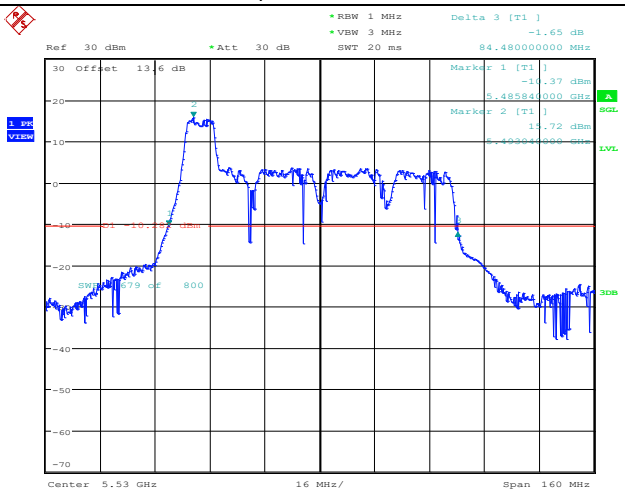


Channel 58, 802.11ax HEW80 RU106



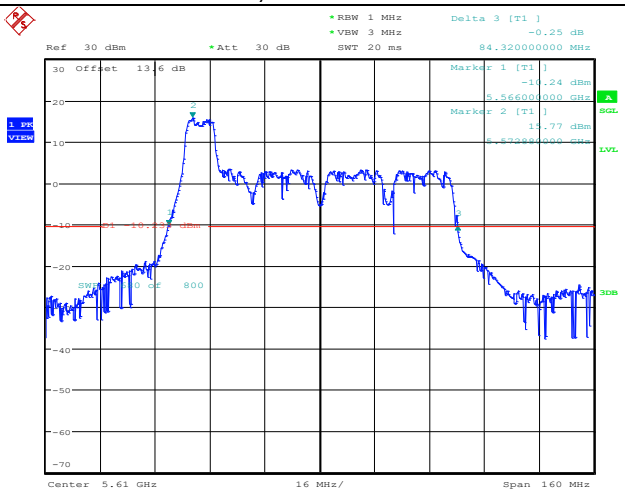
Date: 8.OCT.2021 12:39:12

Channel 106, 802.11ax HEW80 RU106



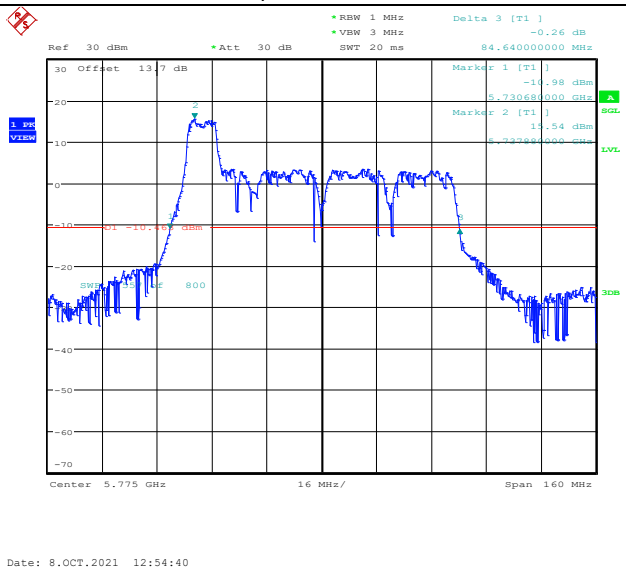
Date: 8.OCT.2021 12:44:28

Channel 122, 802.11ax HEW80 RU106



Date: 8.OCT.2021 12:49:22

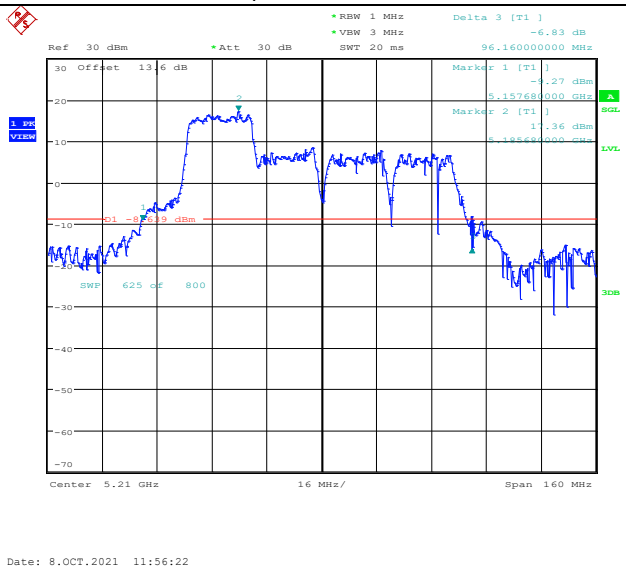
Channel 155, 802.11ax HEW80 RU106



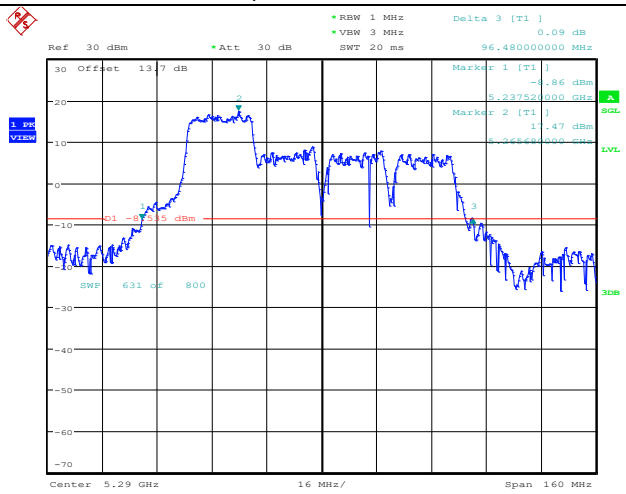
802.11ax HEW80 RU242 Mode ANT1

Channel	Frequency (MHz)	26dB Bandwidth [MHz]	Limit[MHz]	Verdict
42	5210	96.160	---	PASS
58	5290	96.480	---	PASS
106	5530	94.080	---	PASS
122	5610	94.240	---	PASS
155	5775	84.160	---	PASS

Channel 42, 802.11ax HEW80 RU242

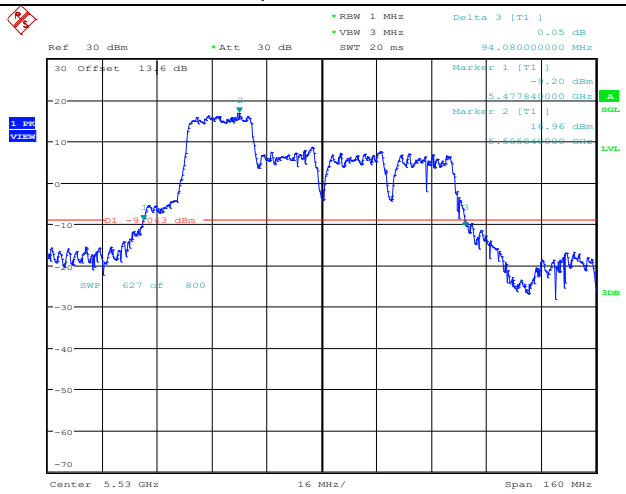


Channel 58, 802.11ax HEW80 RU242



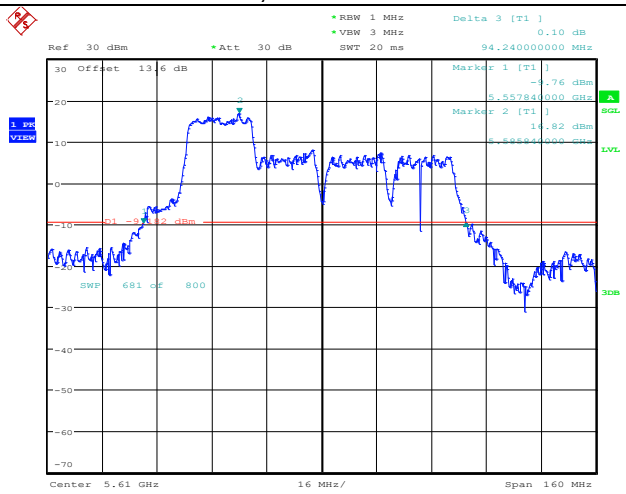
Date: 8.OCT.2021 12:01:22

Channel 106, 802.11ax HEW80 RU242



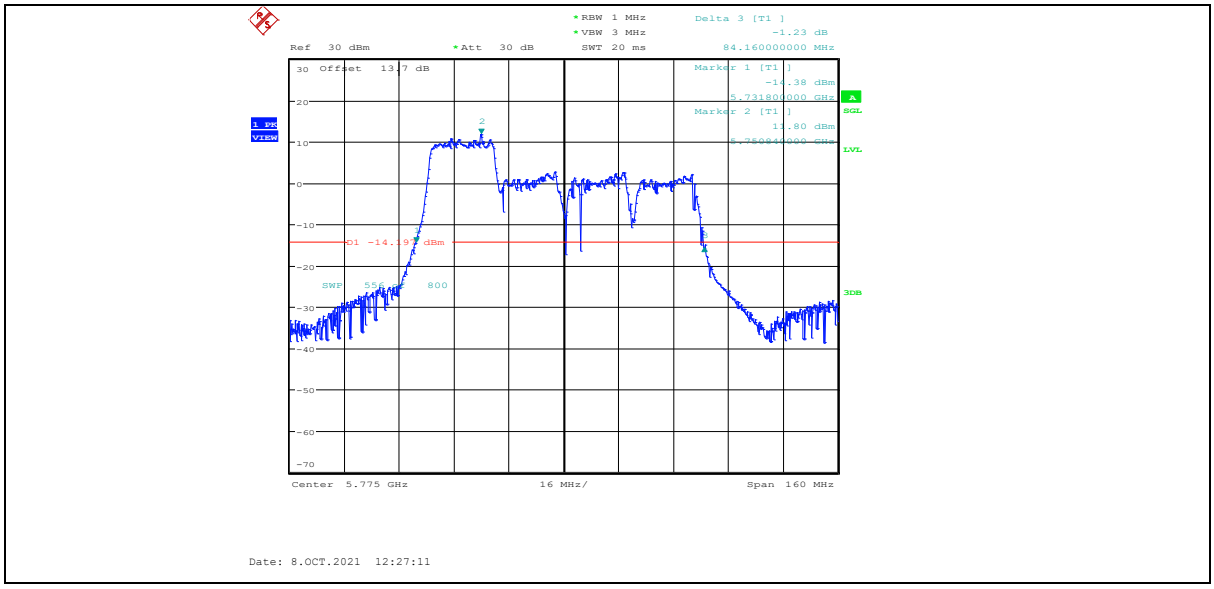
Date: 8.OCT.2021 12:06:25

Channel 122, 802.11ax HEW80 RU242



Date: 8.OCT.2021 12:11:27

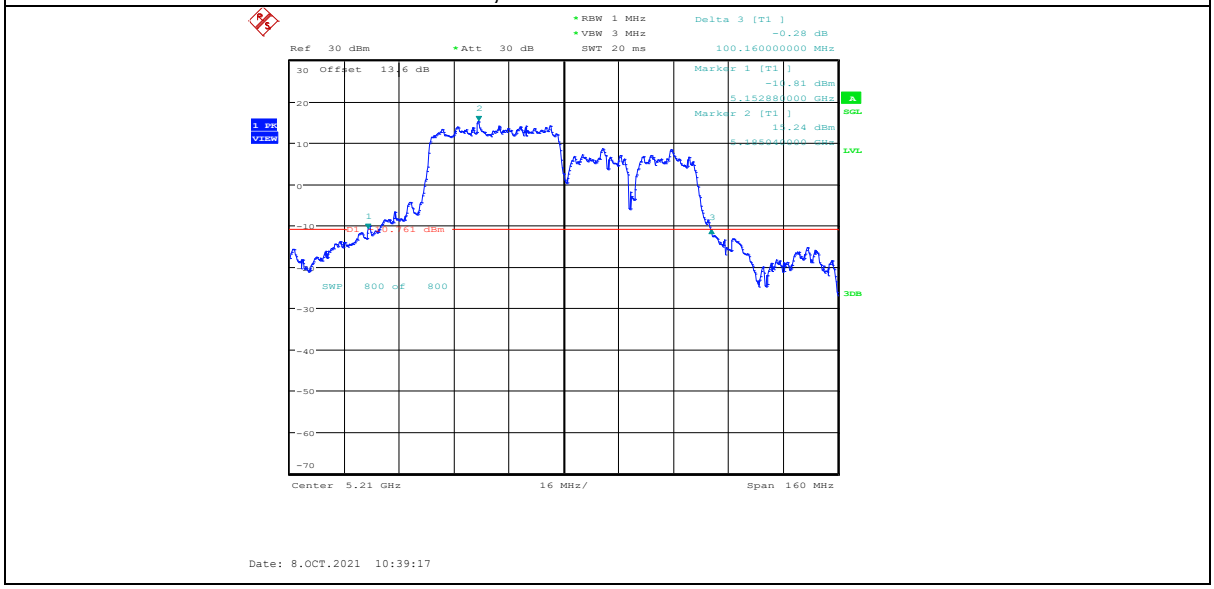
Channel 155, 802.11ax HEW80 RU242



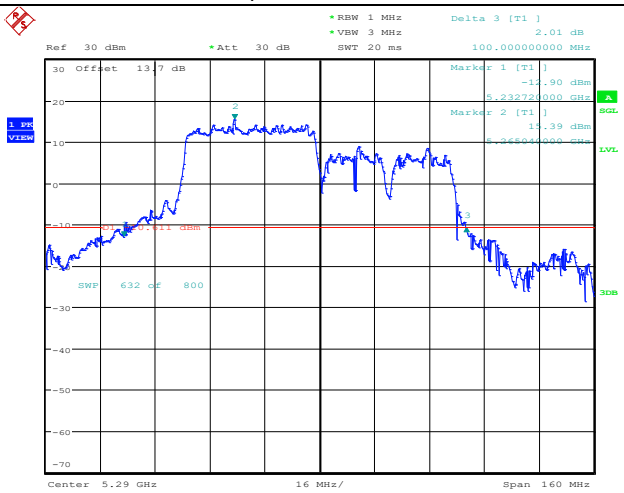
802.11ax HEW80 RU484 Mode ANT1

Channel	Frequency (MHz)	26dB Bandwidth [MHz]	Limit[MHz]	Verdict
42	5210	100.160	---	PASS
58	5290	100.000	---	PASS
106	5530	100.000	---	PASS
122	5610	101.760	---	PASS
155	5775	85.280	---	PASS

Channel 42, 802.11ax HEW80 RU484

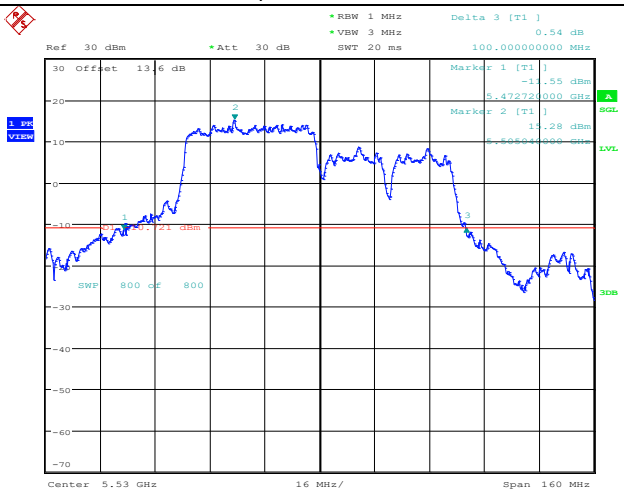


Channel 58, 802.11ax HEW80 RU484



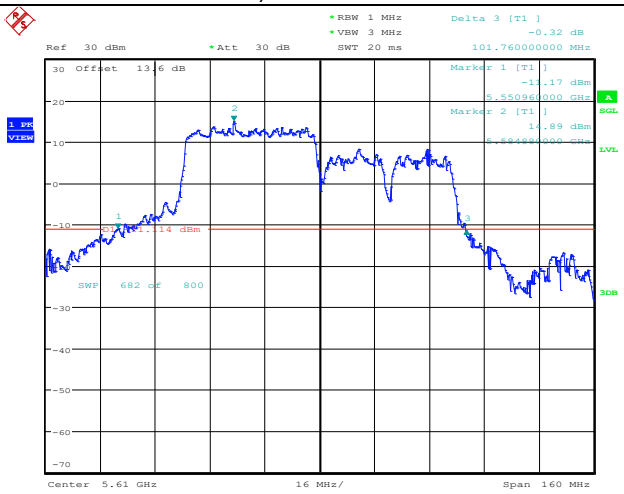
Date: 8.OCT.2021 10:47:58

Channel 106, 802.11ax HEW80 RU484



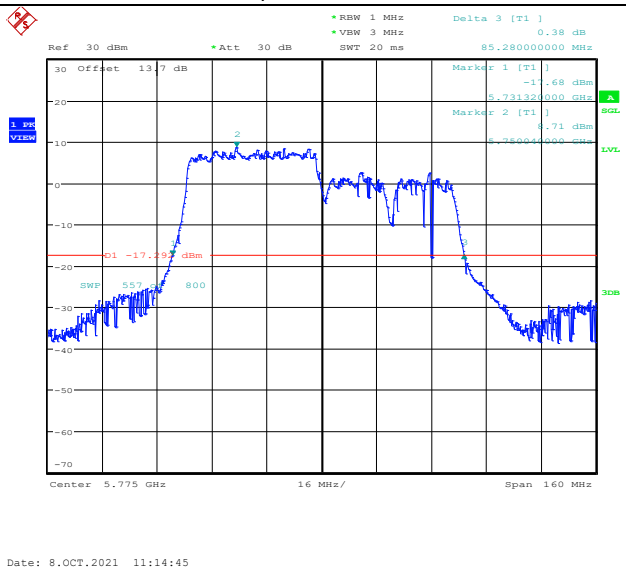
Date: 8.OCT.2021 11:06:13

Channel 122, 802.11ax HEW80 RU484



Date: 8.OCT.2021 11:07:26

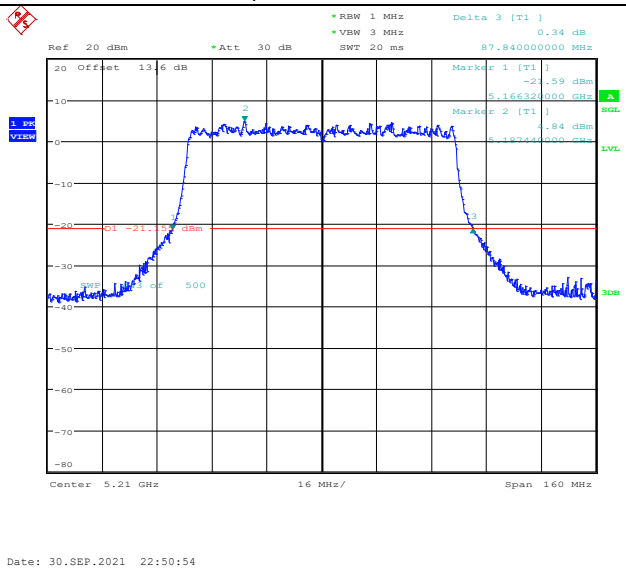
Channel 155, 802.11ax HEW80 RU484



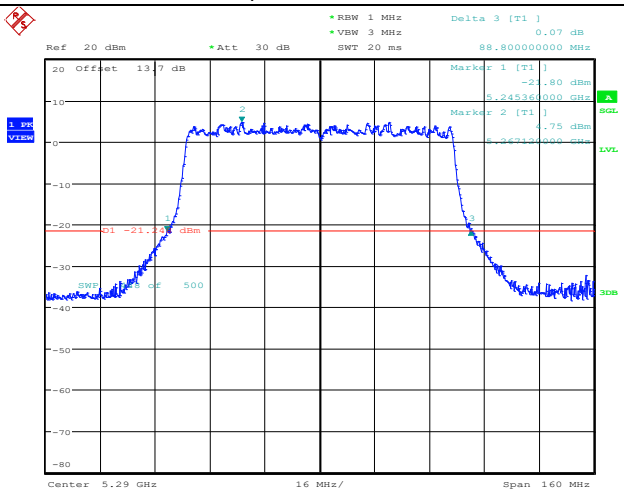
802.11ax HEW80 RU996 Mode ANT1

Channel	Frequency (MHz)	26dB Bandwidth [MHz]	Limit[MHz]	Verdict
42	5210	87.840	---	PASS
58	5290	88.800	---	PASS
106	5530	87.520	---	PASS
122	5610	89.280	---	PASS
155	5775	88.960	---	PASS

Channel 42, 802.11ax HEW80 RU996

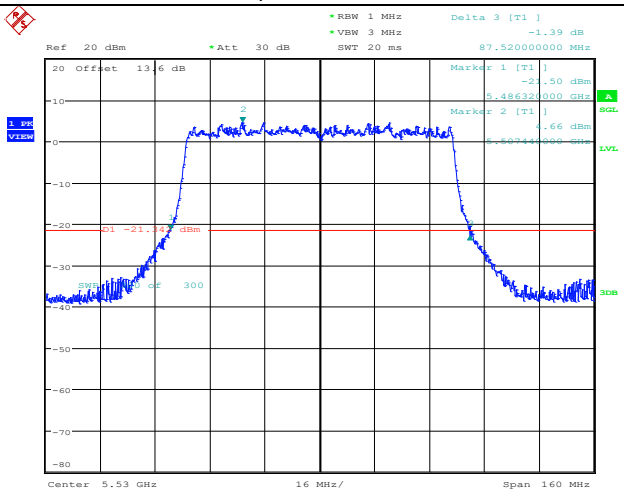


Channel 58, 802.11ax HEW80 RU996



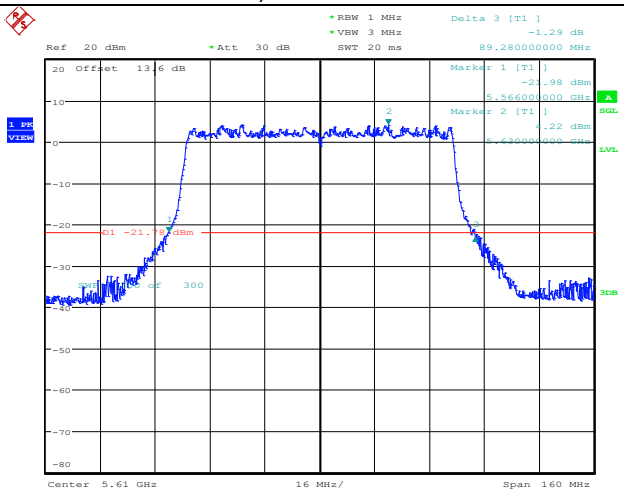
Date: 30.SEP.2021 22:52:50

Channel 106, 802.11ax HEW80 RU996



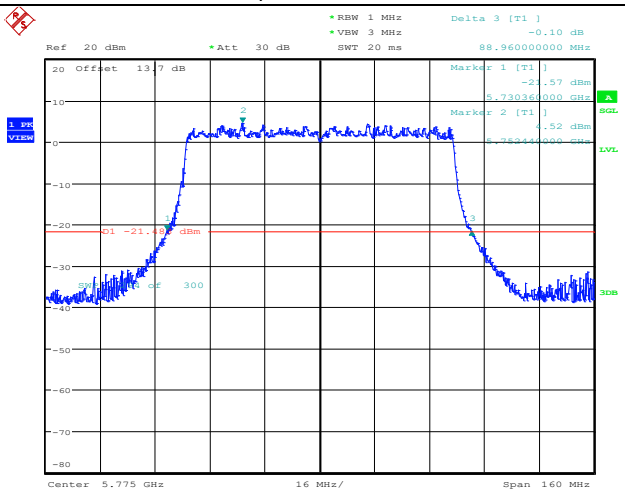
Date: 30.SEP.2021 22:54:20

Channel 122, 802.11ax HEW80 RU996



Date: 30.SEP.2021 22:55:44

Channel 155, 802.11ax HEW80 RU996



Date: 30.SEP.2021 22:57:43

8. MAXIMUM CONDUCTED OUTPUT POWER MEASUREMENT

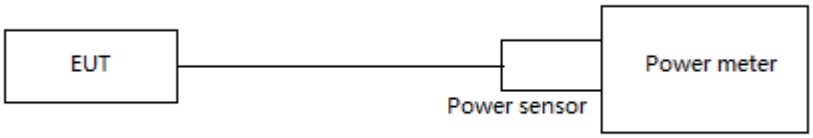
8.1. Limits of Maximum Conducted Output Power Measurement

CFR 47 (FCC) part 15.407 (a)
For the band 5.15–5.25 GHz.
For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the max-imum antenna gain does not exceed 6 dBi.
For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz,the maximum antenna gain does not exceed 6 dBi.
For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

8.2. Test Procedure

(i) Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the conditions listed below are satisfied.
The EUT is configured to transmit continuously or to transmit with a constant duty cycle.
At all times when the EUT is transmitting, it must be transmitting at its maximum power control level.
The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.
(ii) If the transmitter does not transmit continuously, measure the duty cycle, x, of the transmitter output signal as described in section II.B.
(iii) Measure the average power of the transmitter. This measurement is an average overboth the on and off periods of the transmitter.
(iv) Adjust the measurement in dBm by adding 10 log (1/x) where x is the duty cycle (e.g.,10 log (1/0.25) if the duty cycle is 25%).the measurement result.

8.3. Test Setup



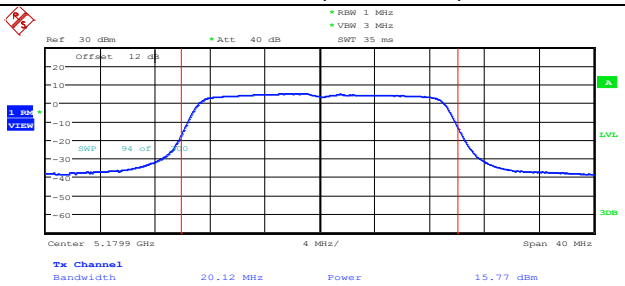
8.4. Test Data

802.11a Mode

Channel	Frequency (MHz)	Measured ANT 0 dBm	Duty Factor	Total Power with Duty Factor dBm	Limit dBm	Verdict
36	5180	15.77	0.04	15.81	<=23.98	PASS
40	5200	20.32	0.04	20.36	<=23.98	PASS
48	5240	20.27	0.04	20.31	<=23.98	PASS
52	5260	20.47	0.04	20.51	<=23.98	PASS
56	5280	20.37	0.04	20.41	<=23.98	PASS
64	5320	20.37	0.04	20.41	<=23.98	PASS
100	5500	20.17	0.04	20.21	<=23.98	PASS
116	5580	20.14	0.04	20.18	<=23.98	PASS
140	5700	19.87	0.04	19.91	<=23.98	PASS
149	5745	13.95	0.04	13.99	<=30	PASS
157	5785	14.25	0.04	14.29	<=30	PASS
165	5825	14.76	0.04	14.80	<=30	PASS

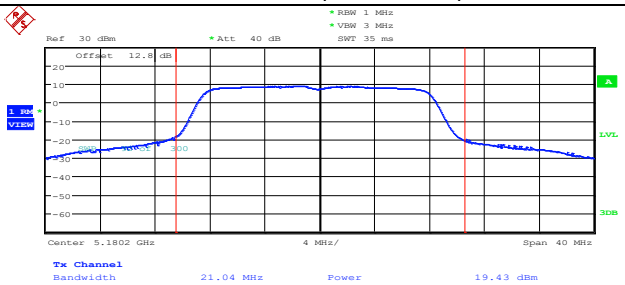
Channel	Frequency (MHz)	Measured ANT 1 dBm	Duty Factor	Total Power with Duty Factor dBm	Limit dBm	Verdict
36	5180	19.43	0.04	19.47	<=23.98	PASS
40	5200	19.87	0.04	19.91	<=23.98	PASS
48	5240	19.83	0.04	19.87	<=23.98	PASS
52	5260	19.99	0.04	20.03	<=23.98	PASS
56	5280	19.89	0.04	19.93	<=23.98	PASS
64	5320	19.77	0.04	19.81	<=23.98	PASS
100	5500	19.58	0.04	19.62	<=23.98	PASS
116	5580	19.58	0.04	19.62	<=23.98	PASS
140	5700	19.39	0.04	19.43	<=23.98	PASS
149	5745	13.84	0.04	13.88	<=30	PASS
157	5785	14.17	0.04	14.21	<=30	PASS
165	5825	14.69	0.04	14.73	<=30	PASS

Channel 36, 802.11a,ANT 0



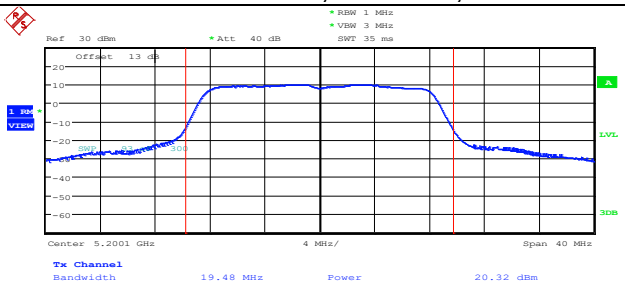
Date: 29.SEP.2021 16:42:35

Channel 36, 802.11a,ANT 1



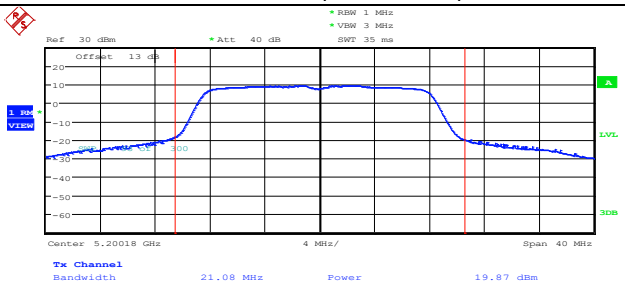
Date: 7.SEP.2021 18:34:01

Channel 40, 802.11a,ANT 0



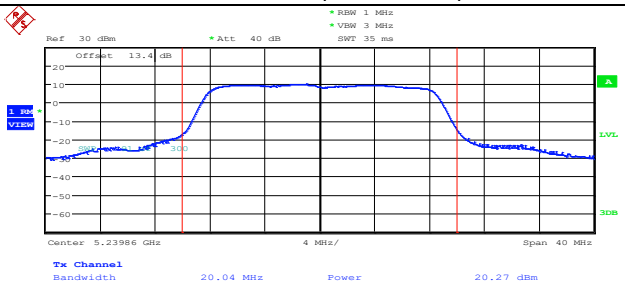
Date: 7.SEP.2021 11:14:41

Channel 40, 802.11a,ANT 1



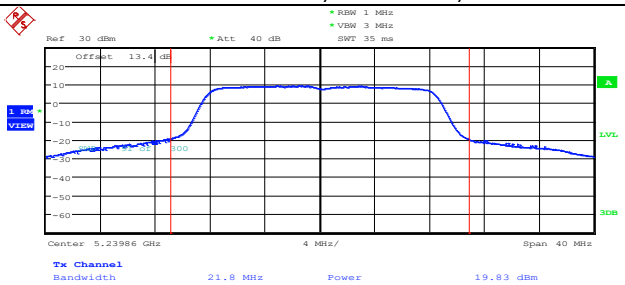
Date: 7.SEP.2021 18:35:48

Channel 48, 802.11a,ANT 0



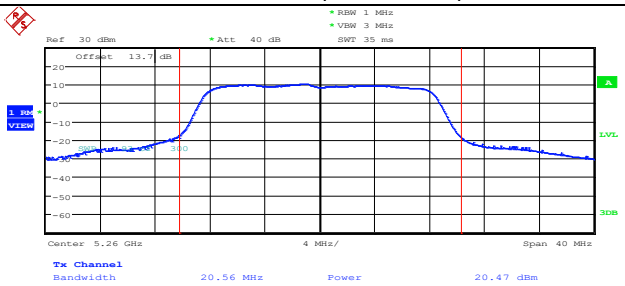
Date: 7.SEP.2021 11:22:44

Channel 48, 802.11a,ANT 1



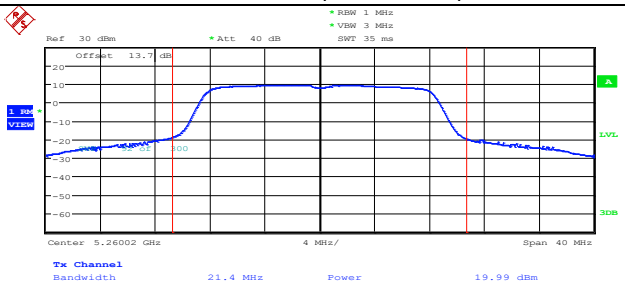
Date: 7.SEP.2021 18:38:27

Channel 52, 802.11a,ANT 0



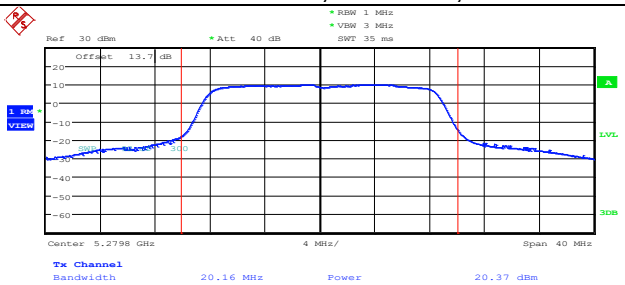
Date: 7.SEP.2021 11:24:41

Channel 52, 802.11a,ANT 1



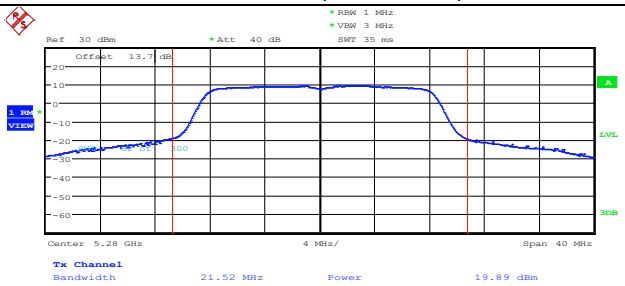
Date: 7.SEP.2021 18:40:26

Channel 56, 802.11a,ANT 0



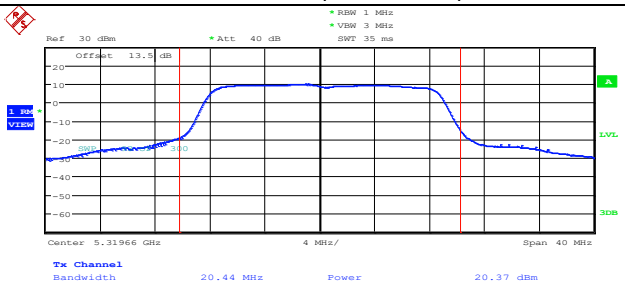
Date: 7.SEP.2021 11:27:22

Channel 56, 802.11a,ANT 1



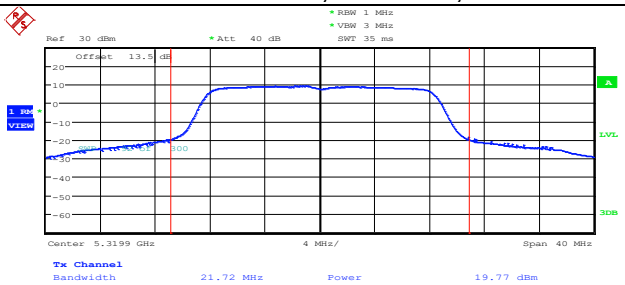
Date: 7.SEP.2021 18:42:37

Channel 64, 802.11a,ANT 0



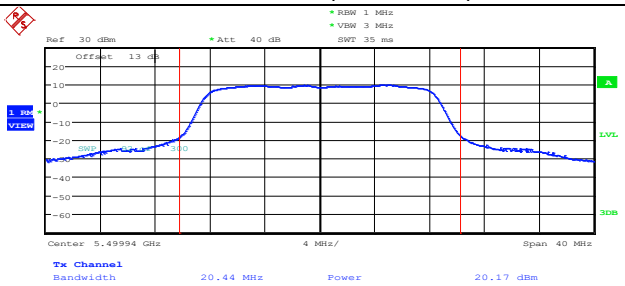
Date: 7.SEP.2021 11:29:06

Channel 64, 802.11a,ANT 1



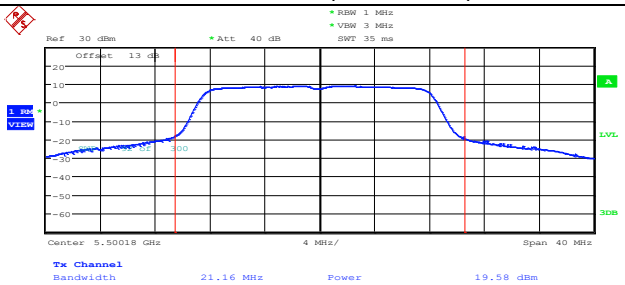
Date: 7.SEP.2021 18:45:46

Channel 100, 802.11a,ANT 0



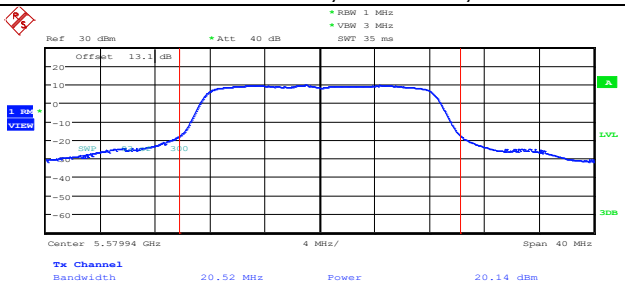
Date: 7.SEP.2021 11:33:35

Channel 100, 802.11a,ANT 1



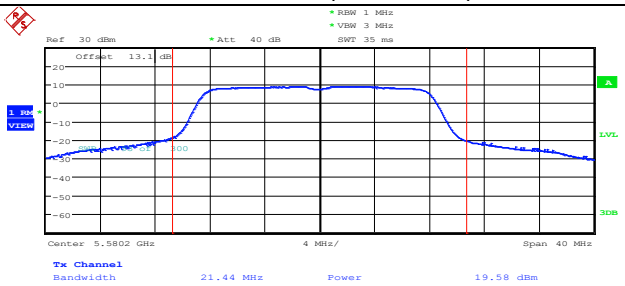
Date: 7.SEP.2021 18:47:32

Channel 116, 802.11a,ANT 0



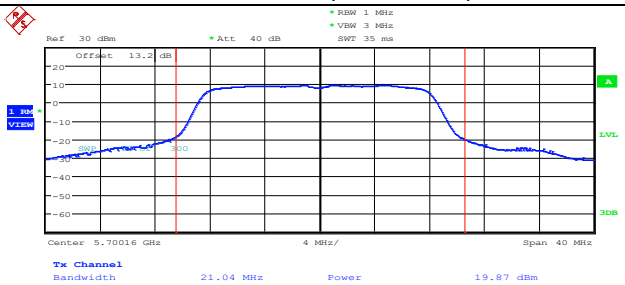
Date: 7.SEP.2021 11:37:59

Channel 116, 802.11a,ANT 1



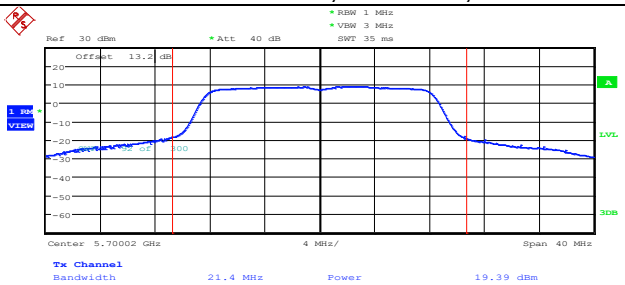
Date: 7.SEP.2021 18:49:25

Channel 140, 802.11a,ANT 0



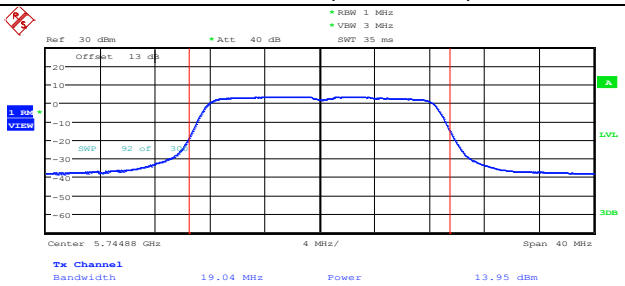
Date: 7.SEP.2021 11:39:48

Channel 140, 802.11a,ANT 1



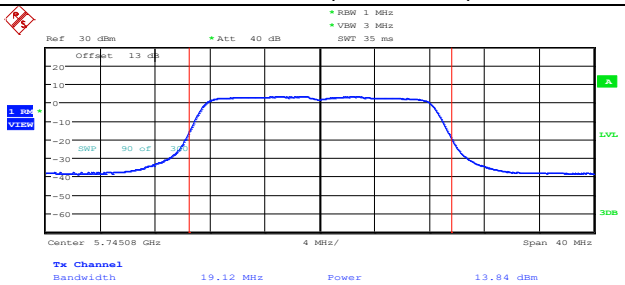
Date: 7.SEP.2021 18:51:32

Channel 149, 802.11a,ANT 0



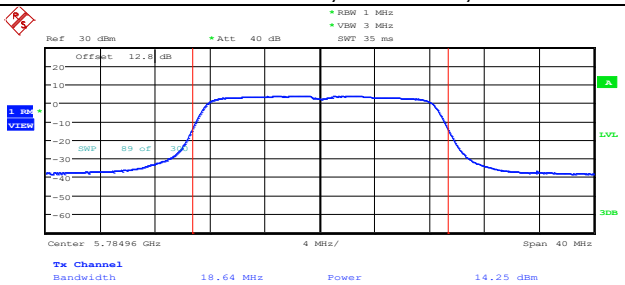
Date: 7.SEP.2021 16:02:37

Channel 149, 802.11a,ANT 1



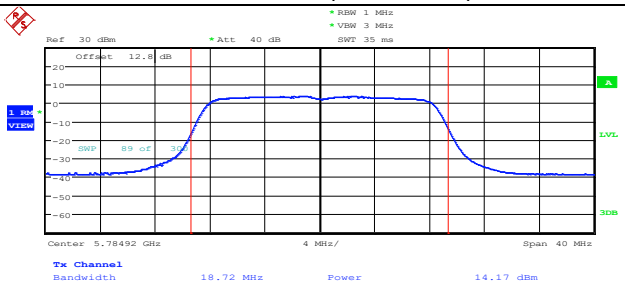
Date: 7.SEP.2021 20:36:38

Channel 157, 802.11a,ANT 0



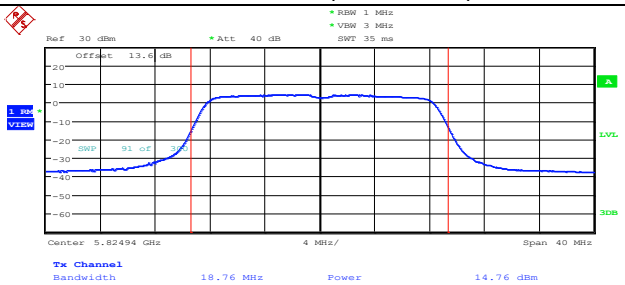
Date: 7.SEP.2021 16:04:54

Channel 157, 802.11a,ANT 1



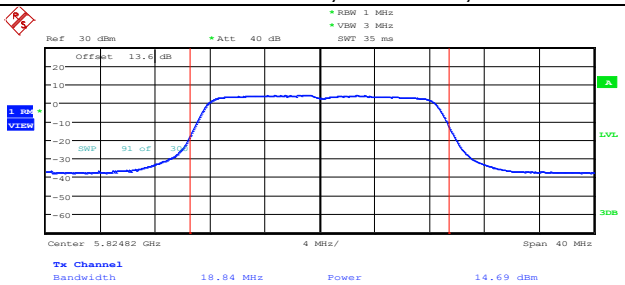
Date: 7.SEP.2021 20:19:19

Channel 165, 802.11a,ANT 0



Date: 7.SEP.2021 16:06:57

Channel 165, 802.11a,ANT 1

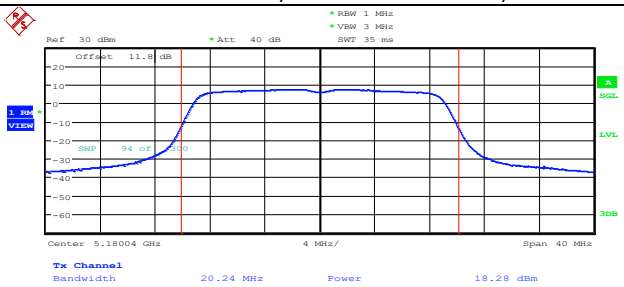


Date: 7.SEP.2021 20:22:08

802.11n HT20 Mode

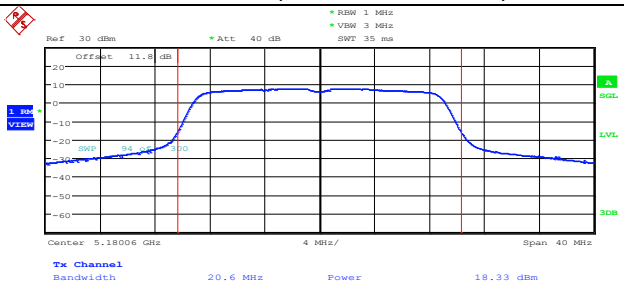
Channel	Frequency (MHz)	Measured		Duty Factor	Total Power with Duty Factor	Limit	Verdict
		ANT 0	ANT 1				
		dBm	dBm		dBm	dBm	
36	5180	18.28	18.33	0	21.32	<=23.98	PASS
40	5200	18.73	18.96	0	21.86	<=23.98	PASS
48	5240	18.35	18.79	0	21.59	<=23.98	PASS
52	5260	18.24	18.61	0	21.44	<=23.98	PASS
56	5280	17.77	18.19	0	21.00	<=23.98	PASS
64	5320	17.95	18.22	0	21.10	<=23.98	PASS
100	5500	18.11	18.75	0	21.45	<=23.98	PASS
116	5580	18.46	19.11	0	21.81	<=23.98	PASS
140	5700	17.98	18.54	0	21.28	<=23.98	PASS
149	5745	13.67	13.58	0	16.64	<=30	PASS
157	5785	14.06	13.88	0	16.98	<=30	PASS
165	5825	14.48	14.41	0	17.46	<=30	PASS

Channel 36, 802.11n HT20,ANT 0



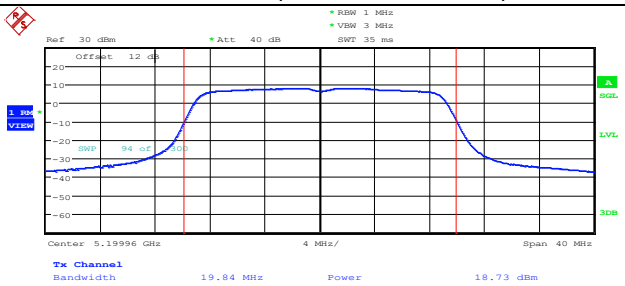
Date: 30.SEP.2021 09:36:37

Channel 36, 802.11n HT20,ANT 1



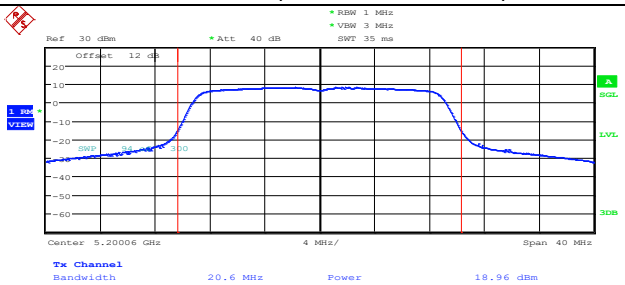
Date: 30.SEP.2021 10:57:49

Channel 40, 802.11n HT20,ANT 0



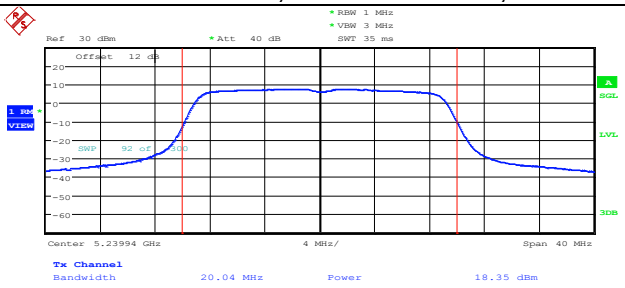
Date: 30.SEP.2021 09:38:09

Channel 40, 802.11n HT20,ANT 1



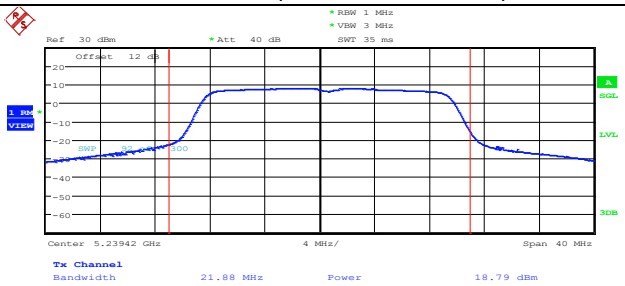
Date: 30.SEP.2021 11:03:35

Channel 48, 802.11n HT20,ANT 0



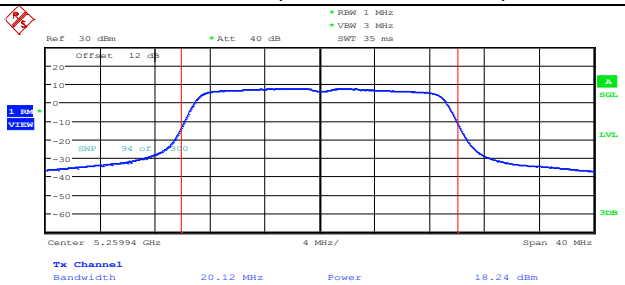
Date: 30.SEP.2021 09:39:26

Channel 48, 802.11n HT20,ANT 1



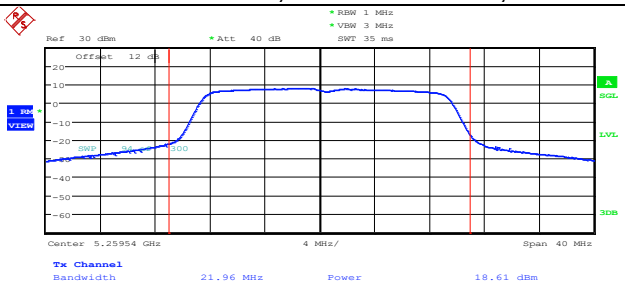
Date: 30.SEP.2021 11:05:28

Channel 52, 802.11n HT20,ANT 0



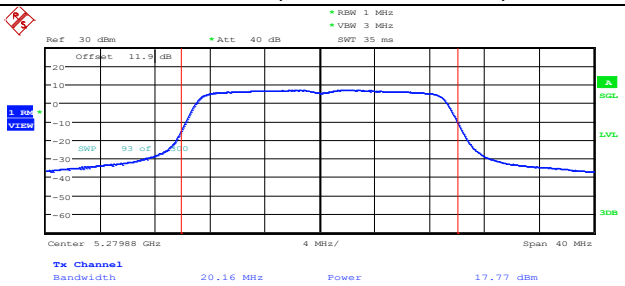
Date: 30.SEP.2021 09:40:37

Channel 52, 802.11n HT20,ANT 1



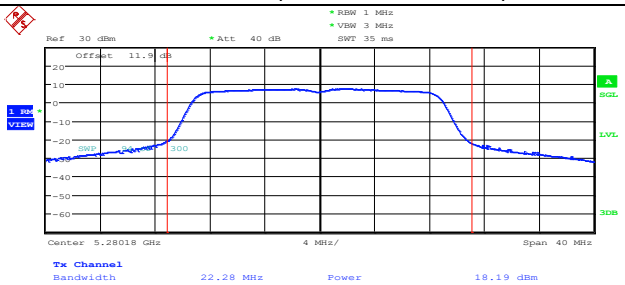
Date: 30.SEP.2021 11:09:57

Channel 56, 802.11n HT20,ANT 0



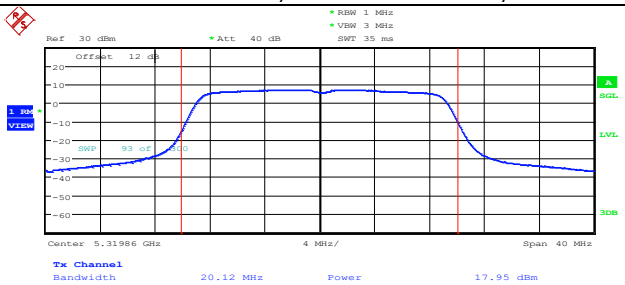
Date: 30.SEP.2021 09:41:38

Channel 56, 802.11n HT20,ANT 1



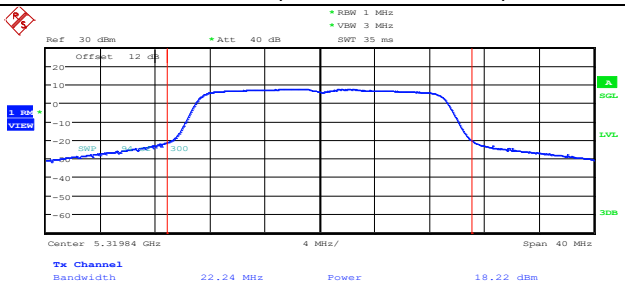
Date: 30.SEP.2021 11:13:51

Channel 64, 802.11n HT20,ANT 0



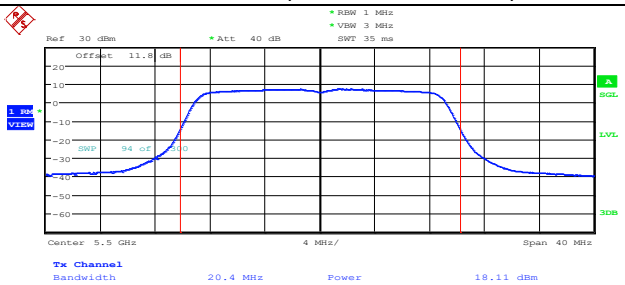
Date: 30.SEP.2021 09:42:50

Channel 64, 802.11n HT20,ANT 1



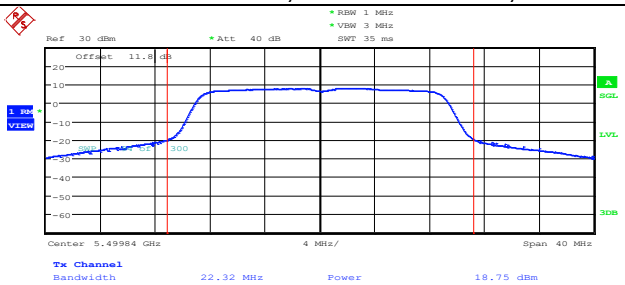
Date: 30.SEP.2021 11:16:35

Channel 100, 802.11n HT20,ANT 0



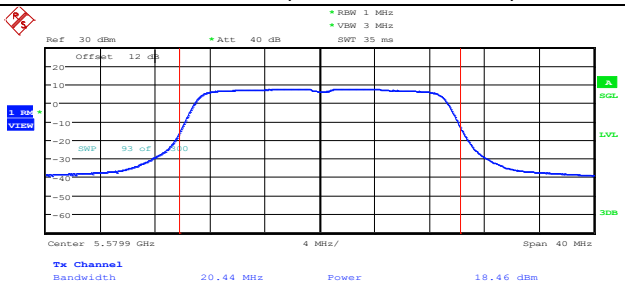
Date: 30.SEP.2021 09:43:45

Channel 100, 802.11n HT20,ANT 1



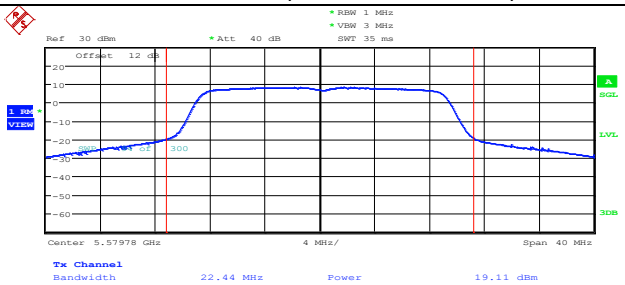
Date: 11.OCT.2021 13:13:49

Channel 116, 802.11n HT20,ANT 0



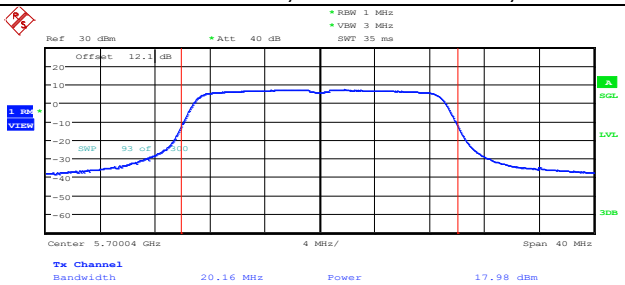
Date: 30.SEP.2021 09:46:36

Channel 116, 802.11n HT20,ANT 1



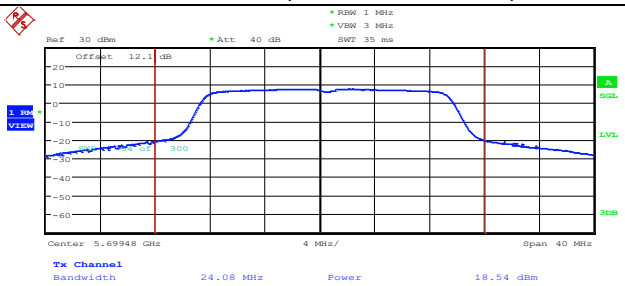
Date: 11.OCT.2021 13:14:40

Channel 140, 802.11n HT20,ANT 0



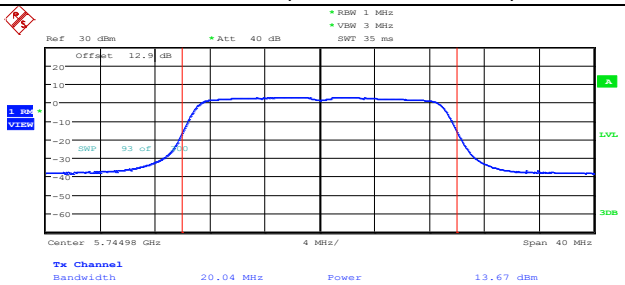
Date: 30.SEP.2021 09:48:06

Channel 140, 802.11n HT20,ANT 1



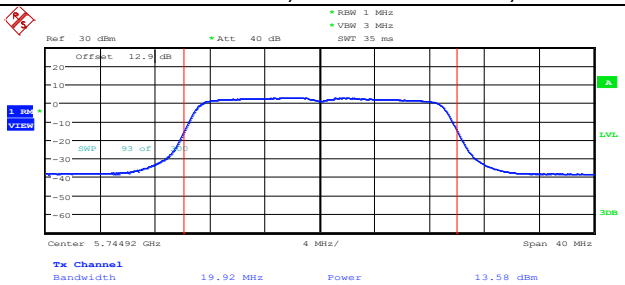
Date: 11.OCT.2021 13:15:31

Channel 149, 802.11n HT20,ANT 0



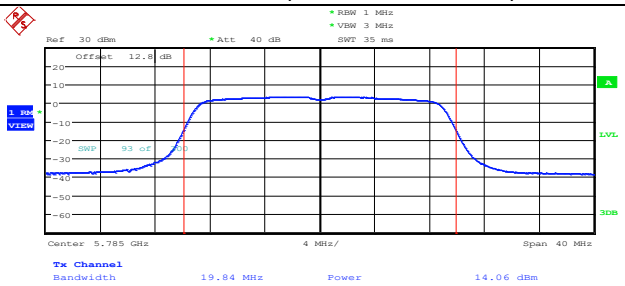
Date: 7.SEP.2021 16:09:35

Channel 149, 802.11n HT20,ANT 1



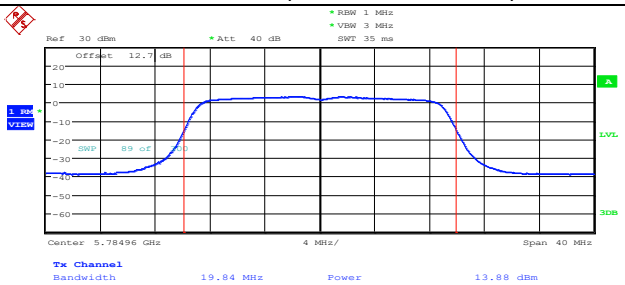
Date: 7.SEP.2021 20:13:57

Channel 157, 802.11n HT20,ANT 0



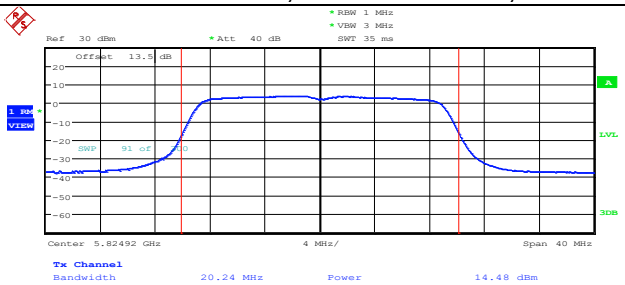
Date: 7.SEP.2021 16:12:14

Channel 157, 802.11n HT20,ANT 1



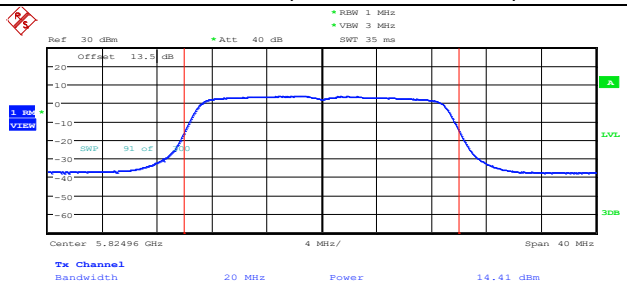
Date: 7.SEP.2021 20:24:49

Channel 165, 802.11n HT20,ANT 0



Date: 7.SEP.2021 16:14:25

Channel 165, 802.11n HT20,ANT 1

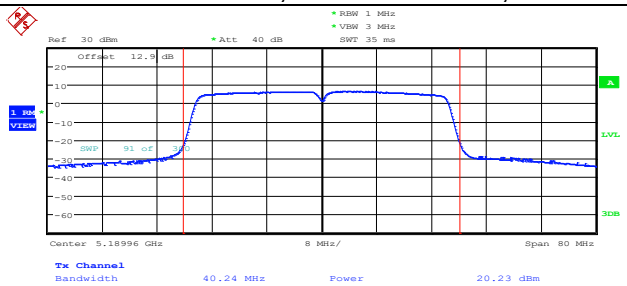


Date: 7.SEP.2021 20:27:07

802.11n HT40 Mode

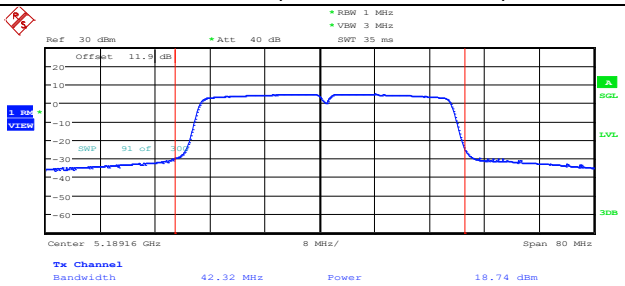
Channel	Frequency (MHz)	Measured		Duty Factor	Total Power with Duty Factor	Limit	Verdict
		ANT 0	ANT 1				
		dBm	dBm		dBm	dBm	
38	5190	20.23	18.74	0.02	22.58	<=23.98	PASS
46	5230	20.17	18.59	0.02	22.48	<=23.98	PASS
54	5270	20.40	18.38	0.02	22.54	<=23.98	PASS
62	5310	20.49	18.21	0.02	22.53	<=23.98	PASS
102	5510	20.30	18.60	0.02	22.56	<=23.98	PASS
110	5550	20.18	18.76	0.02	22.56	<=23.98	PASS
134	5670	20.27	20.29	0.02	23.31	<=23.98	PASS
151	5755	13.97	13.73	0.02	16.88	<=30	PASS
159	5795	14.25	14.18	0.02	17.25	<=30	PASS

Channel 38, 802.11n HT40,ANT 0



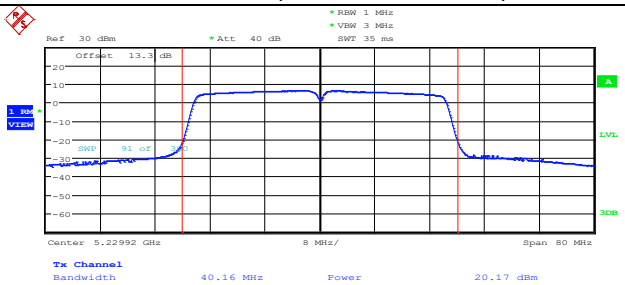
Date: 7.SEP.2021 14:04:24

Channel 38, 802.11n HT40,ANT 1



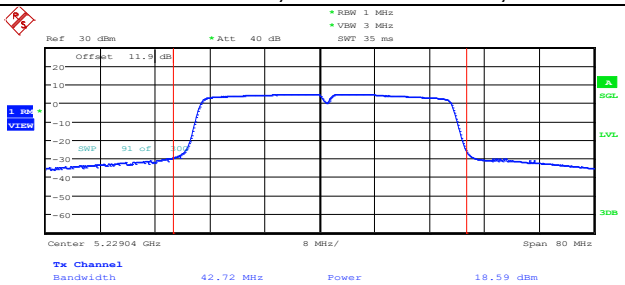
Date: 9.OCT.2021 21:57:53

Channel 46, 802.11n HT40,ANT 0



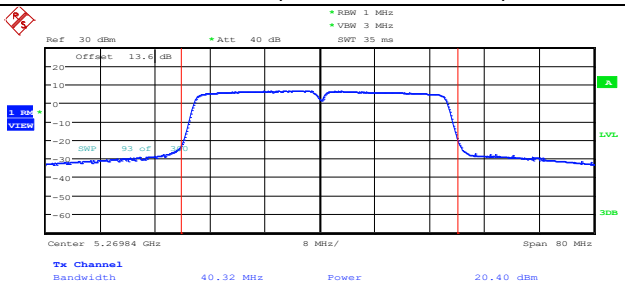
Date: 7.SEP.2021 14:07:03

Channel 46, 802.11n HT40,ANT 1



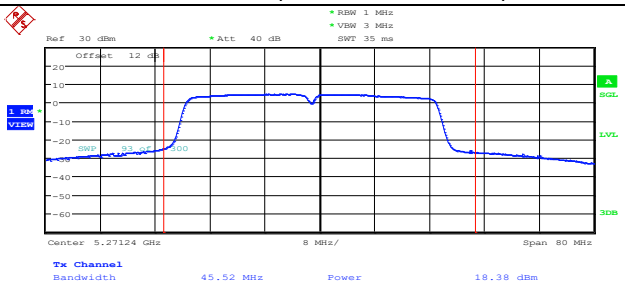
Date: 9.OCT.2021 21:59:02

Channel 54, 802.11n HT40,ANT 0



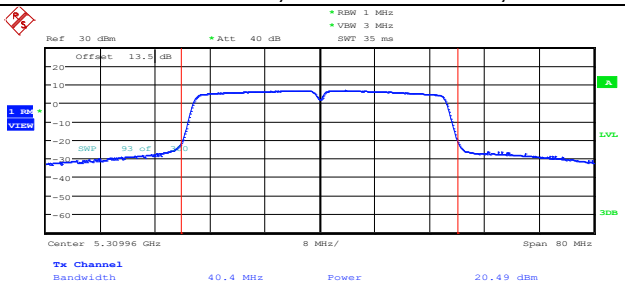
Date: 7.SEP.2021 14:09:17

Channel 54, 802.11n HT40,ANT 1



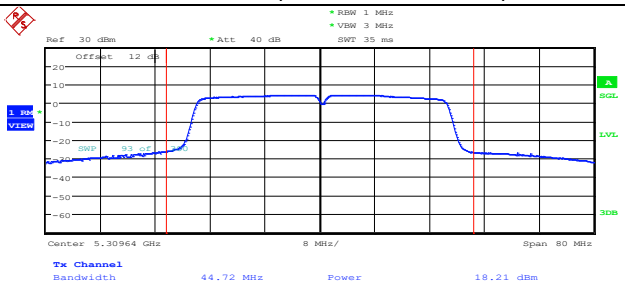
Date: 11.OCT.2021 13:26:33

Channel 62, 802.11n HT40,ANT 0



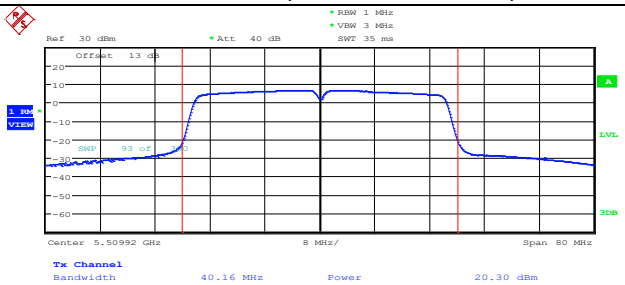
Date: 7.SEP.2021 14:11:30

Channel 62, 802.11n HT40,ANT 1



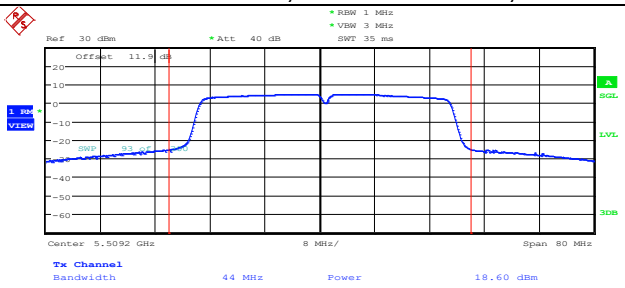
Date: 11.OCT.2021 13:27:27

Channel 102, 802.11n HT40,ANT 0



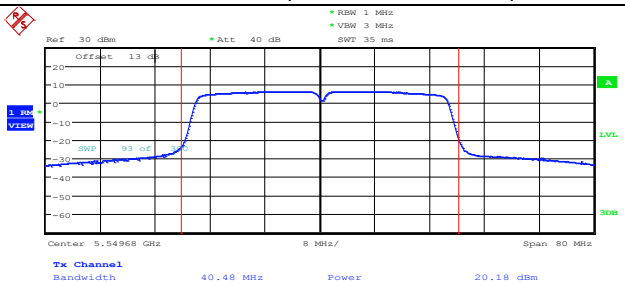
Date: 7.SEP.2021 14:13:27

Channel 102, 802.11n HT40,ANT 1



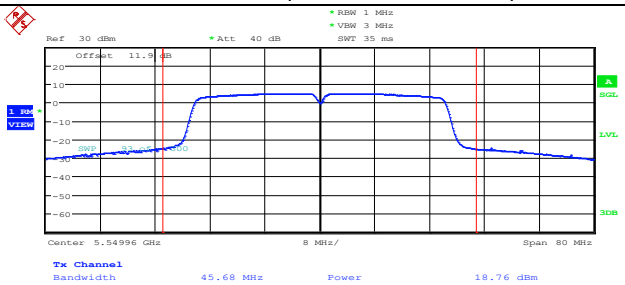
Date: 11.OCT.2021 13:28:24

Channel 110, 802.11n HT40,ANT 0



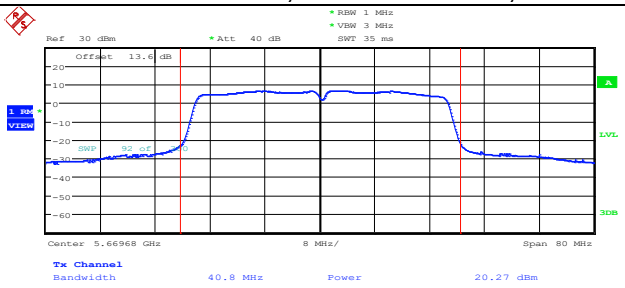
Date: 7.SEP.2021 14:16:09

Channel 110, 802.11n HT40,ANT 1



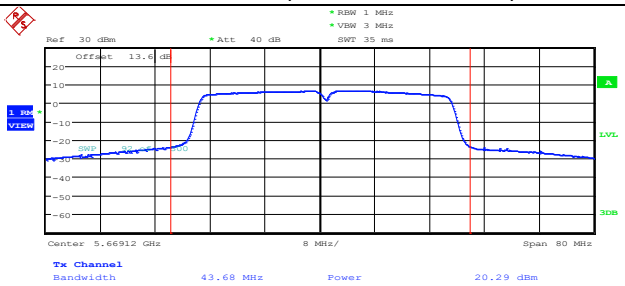
Date: 11.OCT.2021 13:29:23

Channel 134, 802.11n HT40,ANT 0



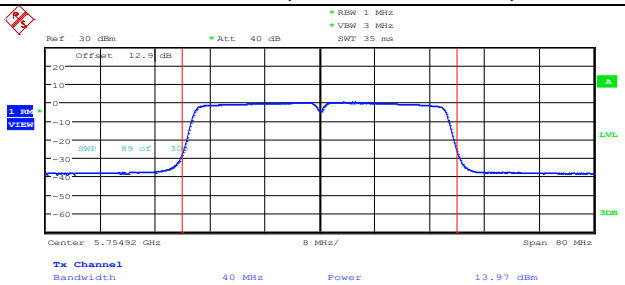
Date: 7.SEP.2021 18:03:46

Channel 134, 802.11n HT40,ANT 1



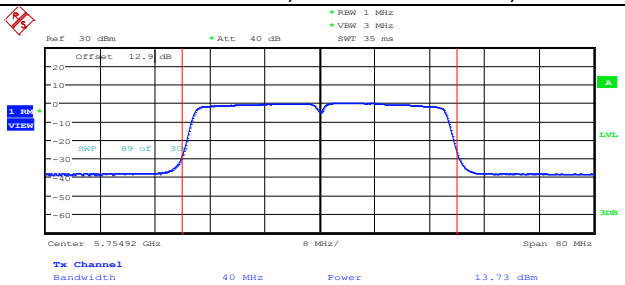
Date: 8.SEP.2021 08:30:01

Channel 151, 802.11n HT40,ANT 0



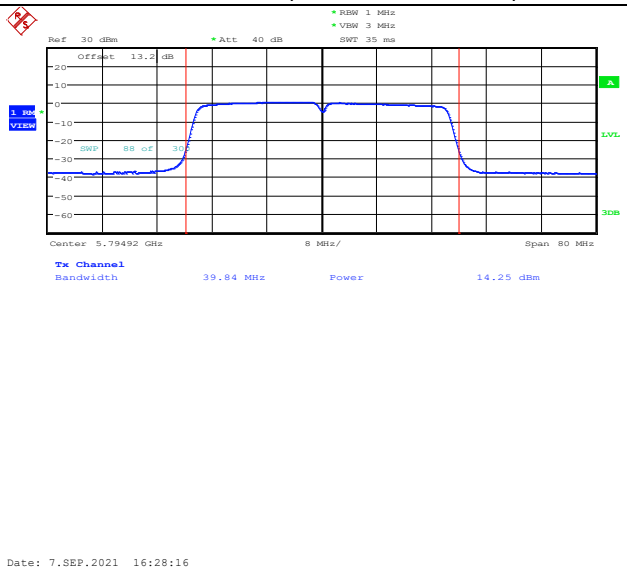
Date: 7.SEP.2021 16:16:56

Channel 151, 802.11n HT40,ANT 1

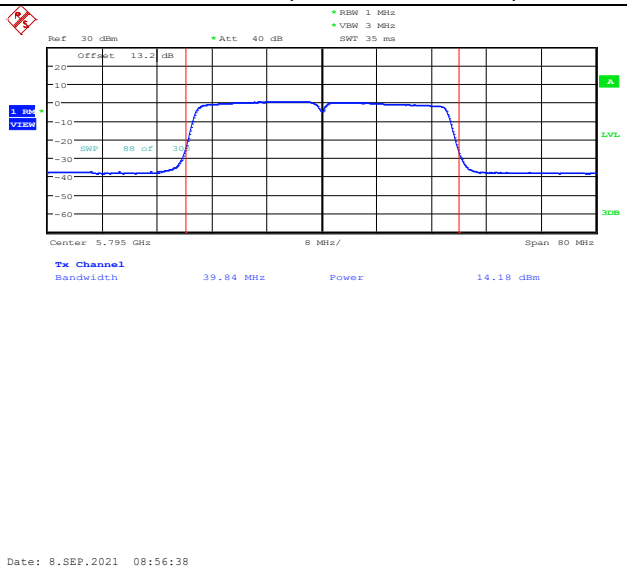


Date: 8.SEP.2021 08:54:09

Channel 159, 802.11n HT40,ANT 0



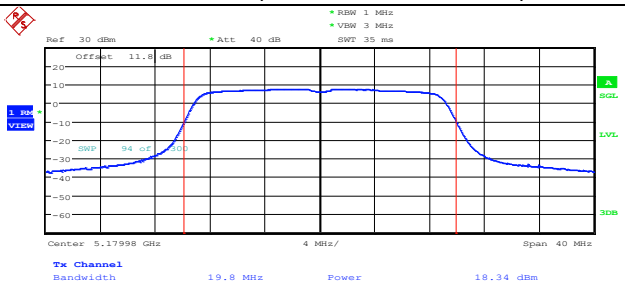
Channel 159, 802.11n HT40,ANT 1



802.11ac VHT20 Mode

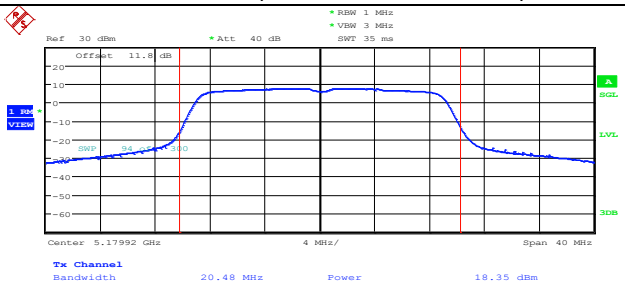
Channel	Frequency (MHz)	Measured		Duty Factor	Total Power with Duty Factor	Limit	Verdict
		ANT 0	ANT 1				
		dBm	dBm		dBm	dBm	
36	5180	18.34	18.35	0	21.36	<=23.98	PASS
40	5200	18.77	18.89	0	21.84	<=23.98	PASS
48	5240	18.36	18.75	0	21.57	<=23.98	PASS
52	5260	18.28	18.52	0	21.41	<=23.98	PASS
56	5280	17.83	18.15	0	21.00	<=23.98	PASS
64	5320	17.89	18.55	0	21.24	<=23.98	PASS
100	5500	18.13	18.75	0	21.46	<=23.98	PASS
116	5580	18.41	19.11	0	21.78	<=23.98	PASS
140	5700	18.44	18.54	0	21.50	<=23.98	PASS
149	5745	13.63	13.51	0	16.58	<=30	PASS
157	5785	13.92	13.80	0	16.87	<=30	PASS
165	5825	14.43	13.12	0	16.83	<=30	PASS

Channel 36, 802.11ac VHT20,ANT 0



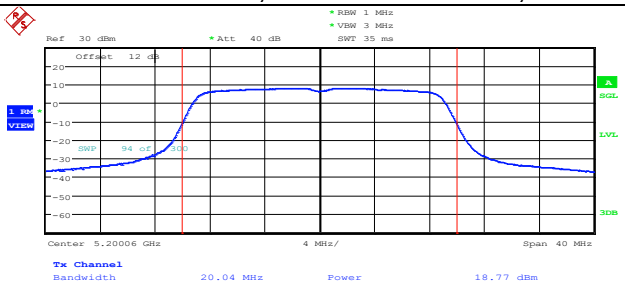
Date: 30.SEP.2021 09:49:04

Channel 36, 802.11ac VHT20,ANT 1



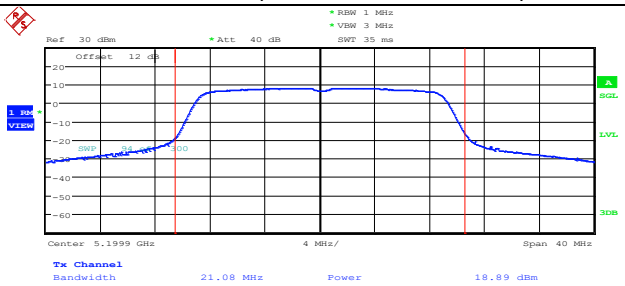
Date: 30.SEP.2021 11:30:24

Channel 40, 802.11ac VHT20,ANT 0



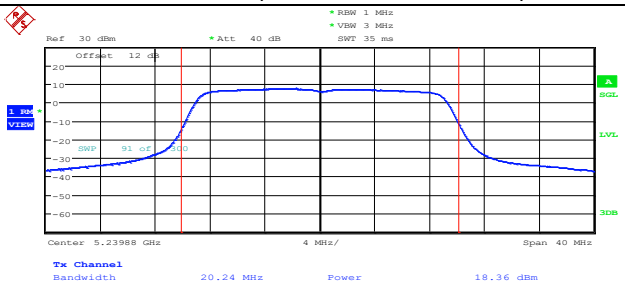
Date: 30.SEP.2021 09:50:36

Channel 40, 802.11ac VHT20,ANT 1



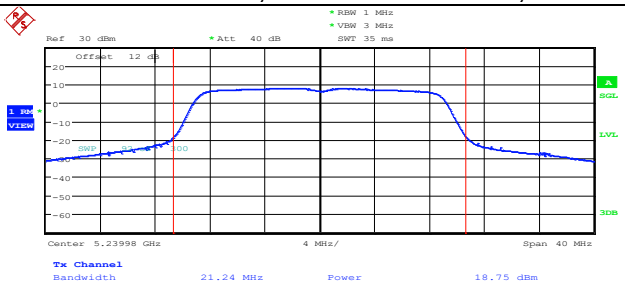
Date: 30.SEP.2021 11:31:29

Channel 48, 802.11ac VHT20,ANT 0



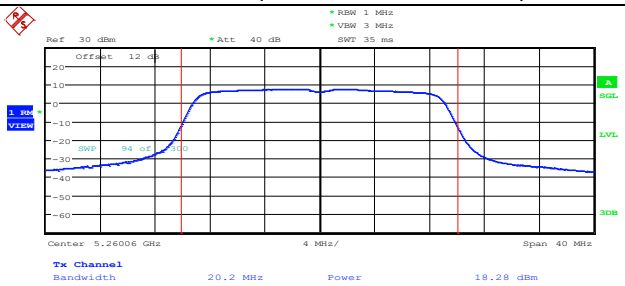
Date: 30.SEP.2021 09:57:13

Channel 48, 802.11ac VHT20,ANT 1



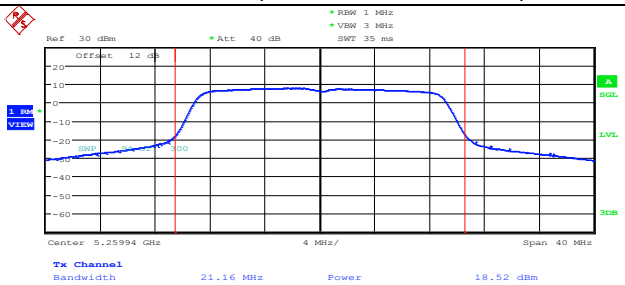
Date: 30.SEP.2021 11:32:36

Channel 52, 802.11ac VHT20,ANT 0



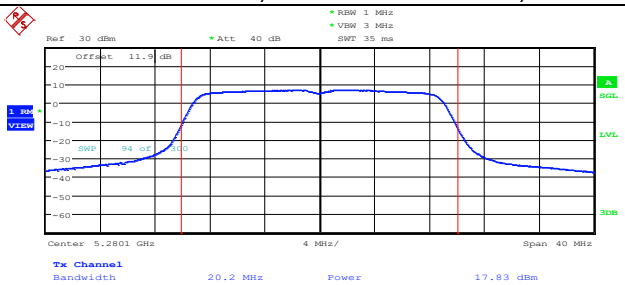
Date: 30.SEP.2021 09:58:04

Channel 52, 802.11ac VHT20,ANT 1



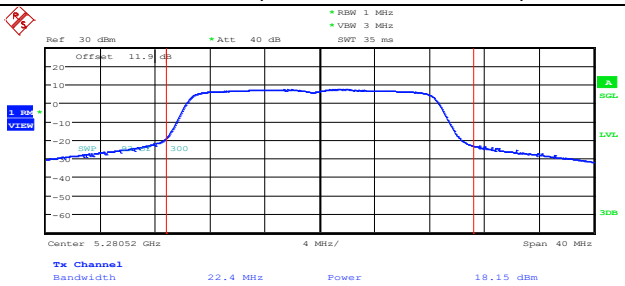
Date: 30.SEP.2021 11:33:57

Channel 56, 802.11ac VHT20,ANT 0



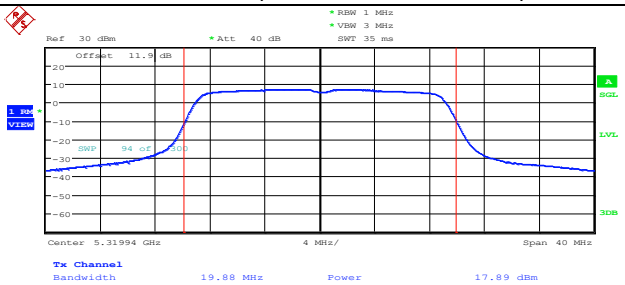
Date: 30.SEP.2021 09:59:18

Channel 56, 802.11ac VHT20,ANT 1



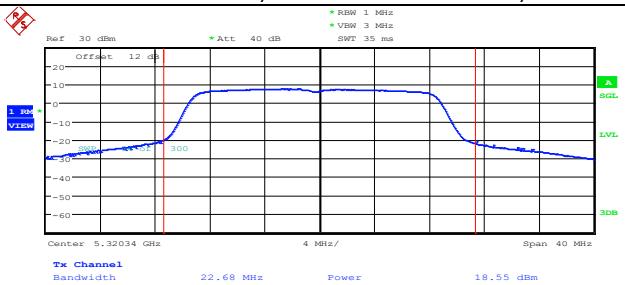
Date: 30.SEP.2021 11:35:52

Channel 64, 802.11ac VHT20,ANT 0



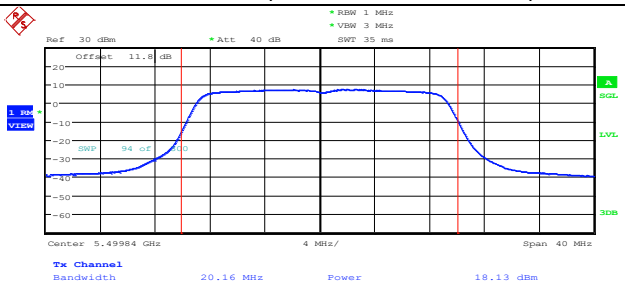
Date: 30.SEP.2021 10:12:28

Channel 64, 802.11ac VHT20,ANT 1



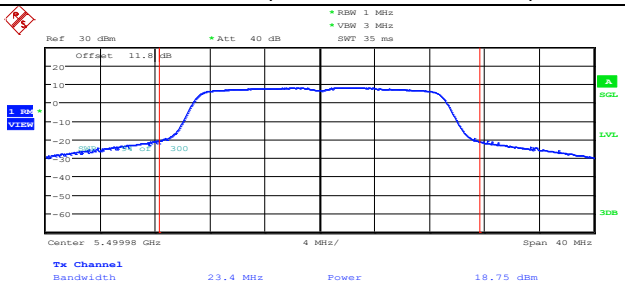
Date: 11.OCT.2021 13:30:37

Channel 100, 802.11ac VHT20,ANT 0



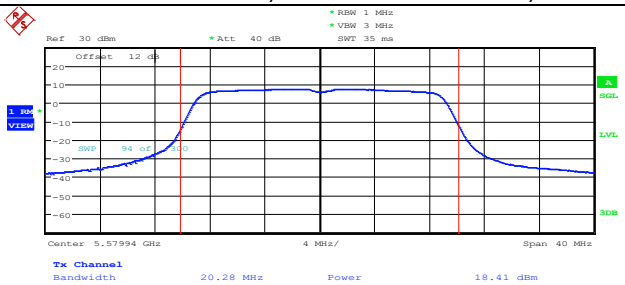
Date: 30.SEP.2021 10:14:38

Channel 100, 802.11ac VHT20,ANT 1



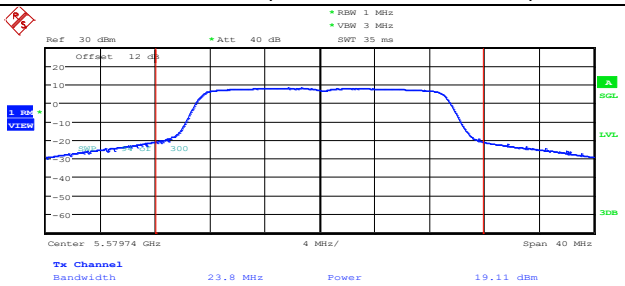
Date: 11.OCT.2021 13:31:30

Channel 116, 802.11ac VHT20,ANT 0



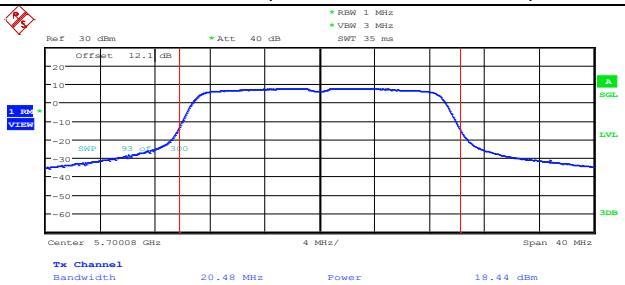
Date: 9.OCT.2021 13:15:26

Channel 116, 802.11ac VHT20,ANT 1



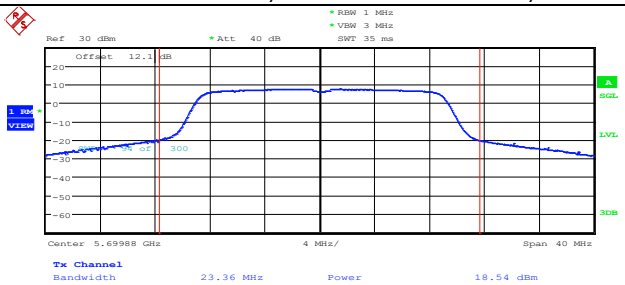
Date: 11.OCT.2021 13:32:18

Channel 140, 802.11ac VHT20,ANT 0



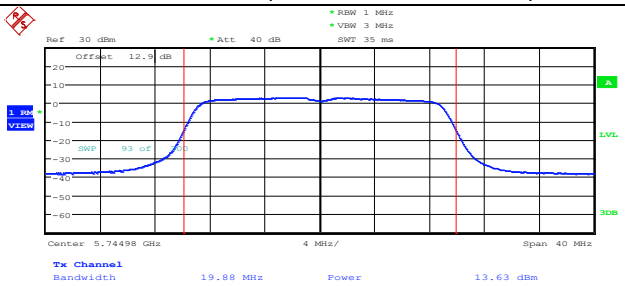
Date: 29.SEP.2021 20:35:16

Channel 140, 802.11ac VHT20,ANT 1



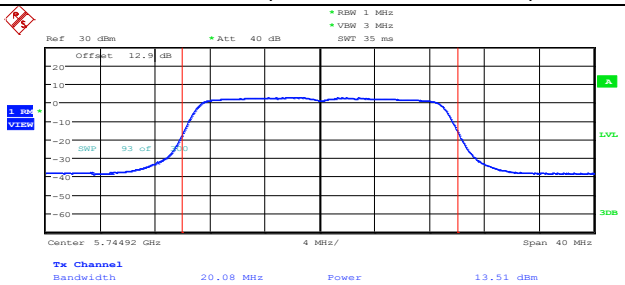
Date: 11.OCT.2021 13:33:05

Channel 149, 802.11ac VHT20,ANT 0



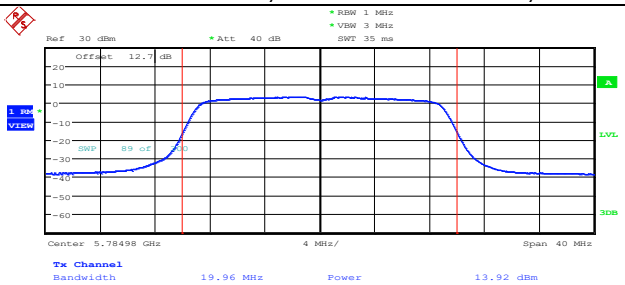
Date: 7.SEP.2021 16:43:05

Channel 149, 802.11ac VHT20,ANT 1



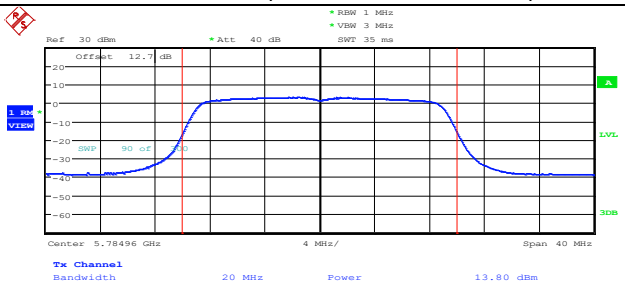
Date: 8.SEP.2021 09:19:38

Channel 157, 802.11ac VHT20,ANT 0



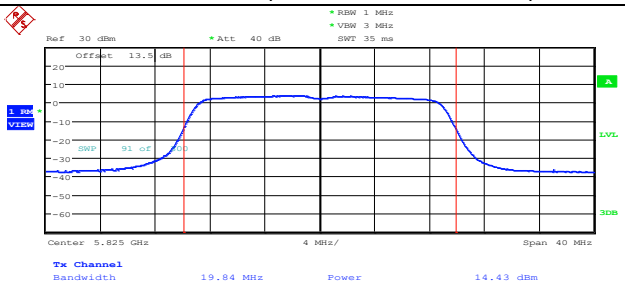
Date: 7.SEP.2021 16:45:24

Channel 157, 802.11ac VHT20,ANT 1



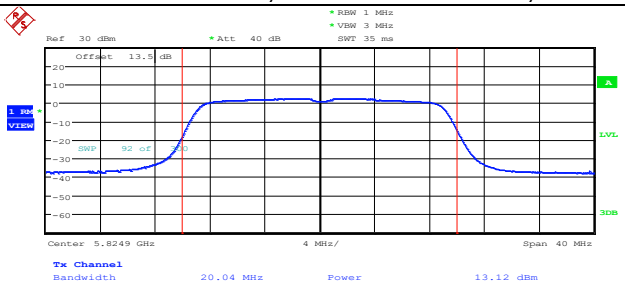
Date: 8.SEP.2021 09:24:30

Channel 165, 802.11ac VHT20,ANT 0



Date: 7.SEP.2021 16:47:41

Channel 165, 802.11ac VHT20,ANT 1

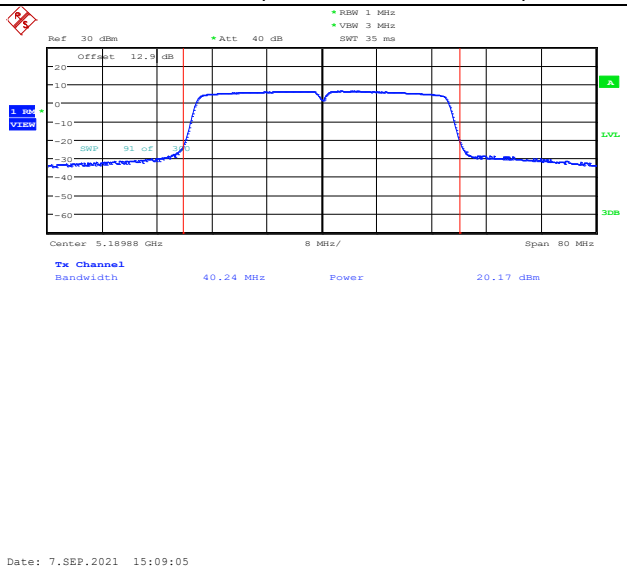


Date: 9.SEP.2021 08:35:24

802.11ac VHT40 Mode

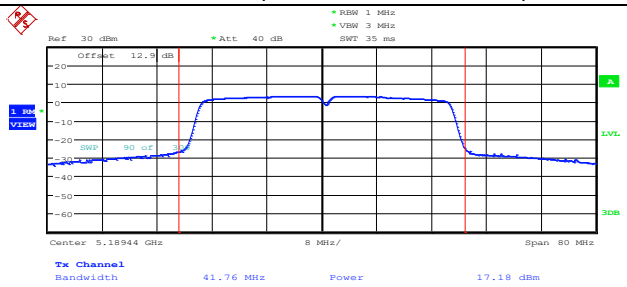
Channel	Frequency (MHz)	Measured		Duty Factor	Total Power with Duty Factor	Limit	Verdict
		ANT 0	ANT 1				
		dBm	dBm		dBm	dBm	
38	5190	20.17	17.18	0	21.94	<=23.98	PASS
46	5230	20.11	18.78	0	22.51	<=23.98	PASS
54	5270	20.33	18.39	0	22.48	<=23.98	PASS
62	5310	20.43	18.21	0	22.47	<=23.98	PASS
102	5510	20.22	18.59	0	22.49	<=23.98	PASS
110	5550	20.10	18.75	0	22.49	<=23.98	PASS
134	5670	20.43	17.79	0	22.32	<=23.98	PASS
151	5755	13.95	11.88	0	16.05	<=30	PASS
159	5795	14.23	12.32	0	16.39	<=30	PASS

Channel 38, 802.11ac VHT40,ANT 0



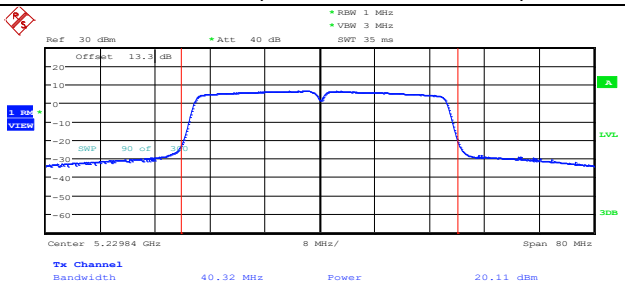
Date: 7.SEP.2021 15:09:05

Channel 38, 802.11ac VHT40,ANT 1



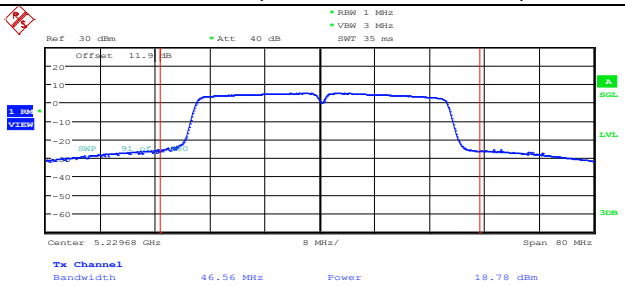
Date: 9.SEP.2021 08:40:01

Channel 46, 802.11ac VHT40,ANT 0



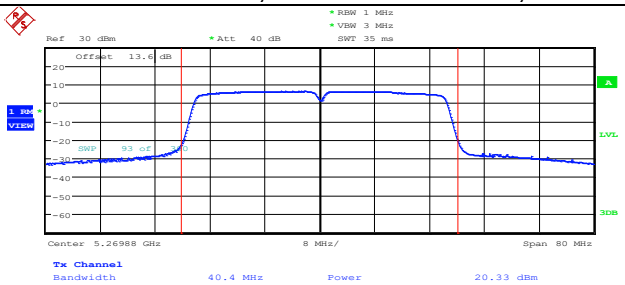
Date: 7.SEP.2021 15:12:08

Channel 46, 802.11ac VHT40,ANT 1



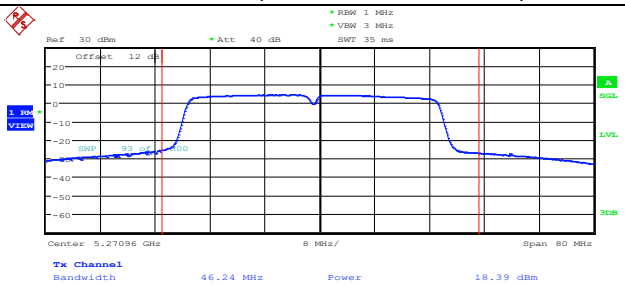
Date: 11.OCT.2021 12:48:43

Channel 54, 802.11ac VHT40,ANT 0



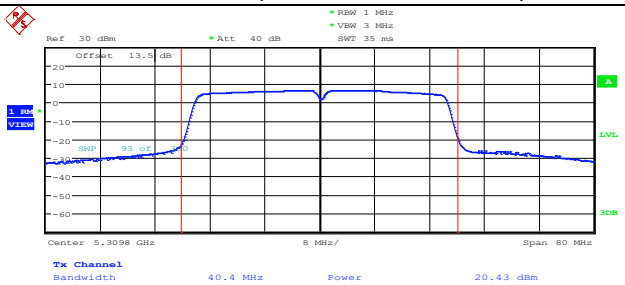
Date: 7.SEP.2021 15:14:30

Channel 54, 802.11ac VHT40,ANT 1



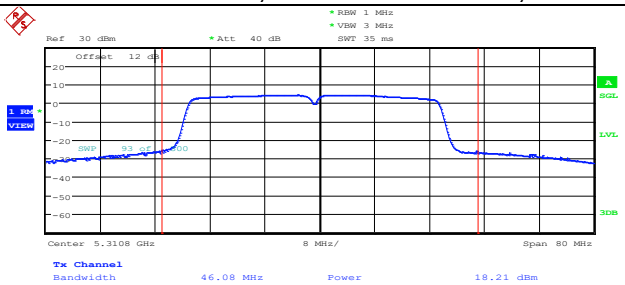
Date: 11.OCT.2021 12:50:21

Channel 62, 802.11ac VHT40,ANT 0



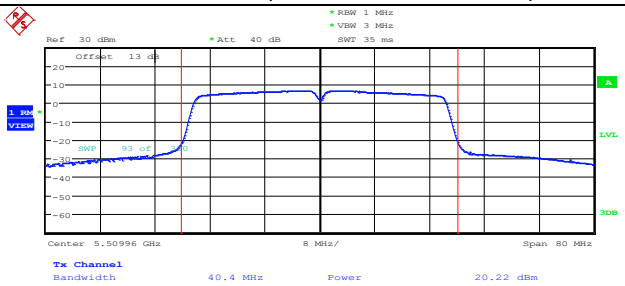
Date: 7.SEP.2021 15:16:07

Channel 62, 802.11ac VHT40,ANT 1



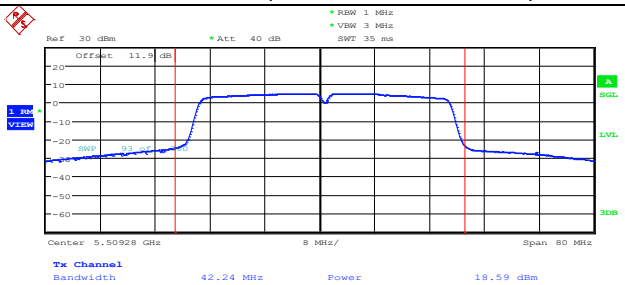
Date: 11.OCT.2021 12:51:10

Channel 102, 802.11ac VHT40,ANT 0



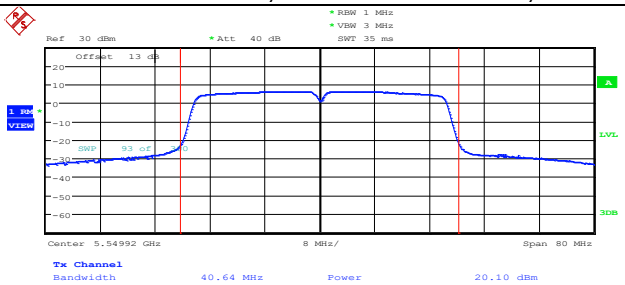
Date: 7.SEP.2021 15:18:54

Channel 102, 802.11ac VHT40,ANT 1



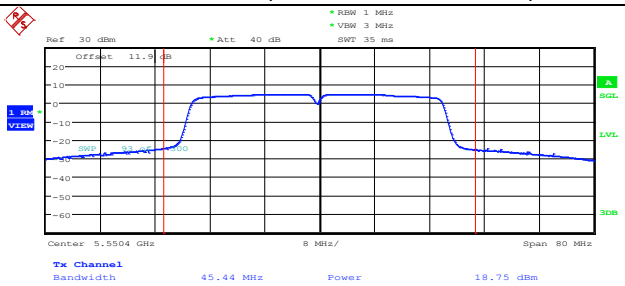
Date: 11.OCT.2021 13:34:27

Channel 110, 802.11ac VHT40,ANT 0



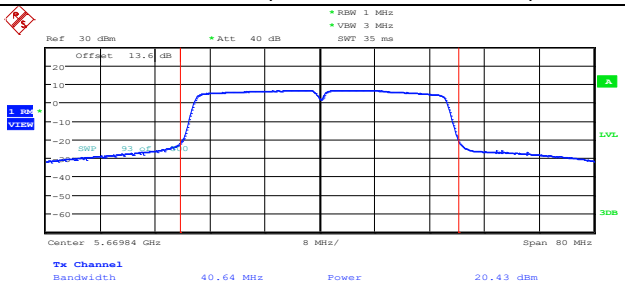
Date: 7.SEP.2021 15:20:58

Channel 110, 802.11ac VHT40,ANT 1



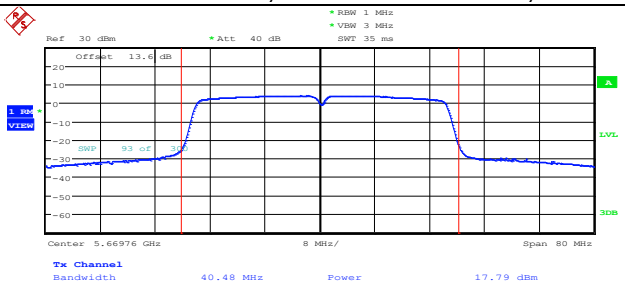
Date: 11.OCT.2021 13:35:18

Channel 134, 802.11ac VHT40,ANT 0



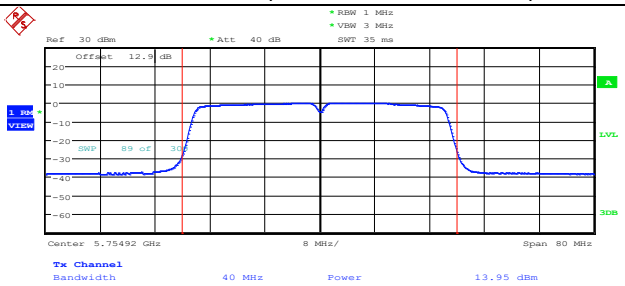
Date: 7.SEP.2021 15:22:45

Channel 134, 802.11ac VHT40,ANT 1



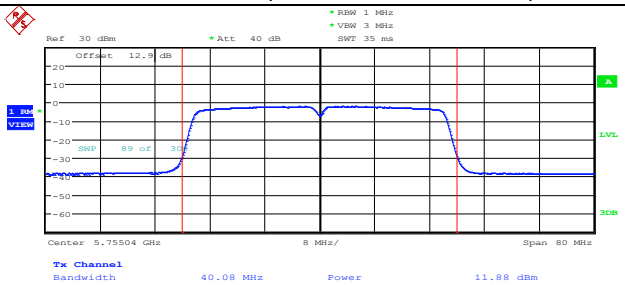
Date: 9.SEP.2021 08:53:34

Channel 151, 802.11ac VHT40,ANT 0



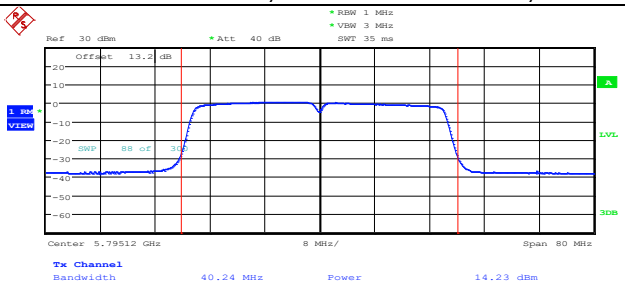
Date: 7.SEP.2021 16:50:17

Channel 151, 802.11ac VHT40,ANT 1



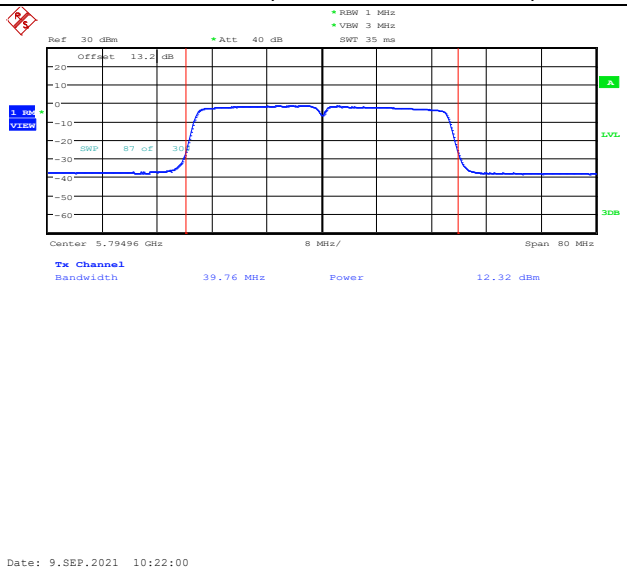
Date: 9.SEP.2021 10:17:59

Channel 159, 802.11ac VHT40,ANT 0



Date: 7.SEP.2021 16:52:49

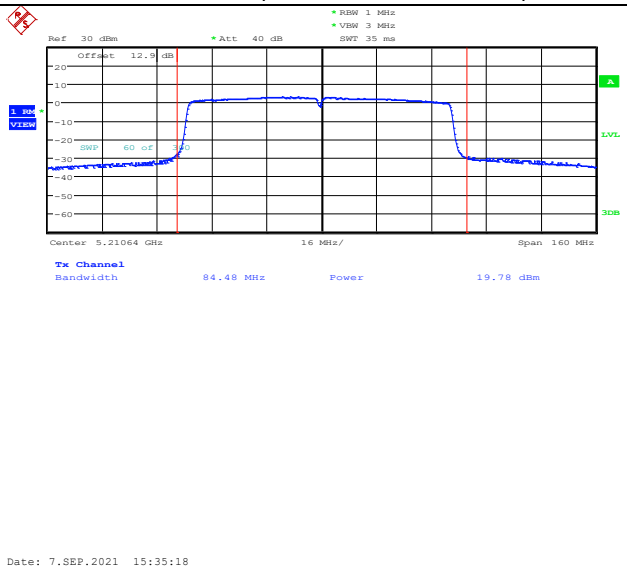
Channel 159, 802.11ac VHT40,ANT 1



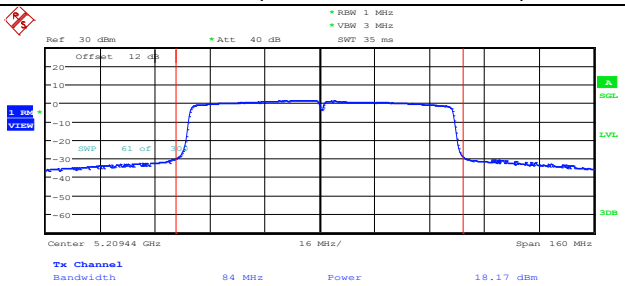
802.11ac VHT80 Mode

Channel	Frequency (MHz)	Measured		Duty Factor	Total Power with Duty Factor	Limit	Verdict
		ANT 0	ANT 1				
		dBm	dBm		dBm	dBm	
42	5210	19.78	18.17	0	22.06	<=23.98	PASS
58	5290	20.31	17.64	0	22.19	<=23.98	PASS
106	5530	19.75	18.07	0	22.00	<=23.98	PASS
122	5610	20.05	17.75	0	22.06	<=23.98	PASS
155	5775	13.64	12.00	0	15.91	<=30	PASS

Channel 42, 802.11ac VHT80,ANT 0

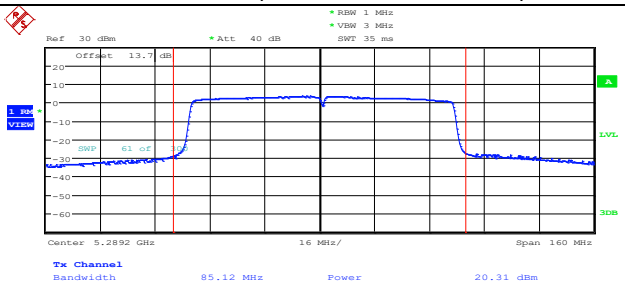


Channel 42, 802.11ac VHT80,ANT 1



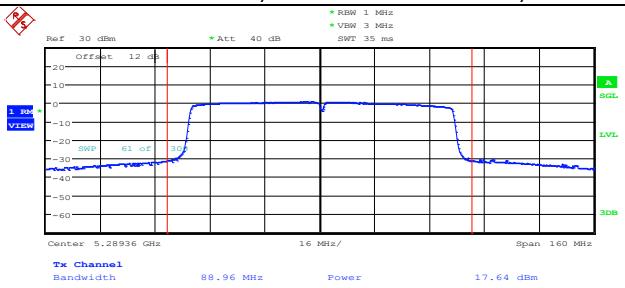
Date: 11.OCT.2021 12:55:25

Channel 58, 802.11ac VHT80,ANT 0



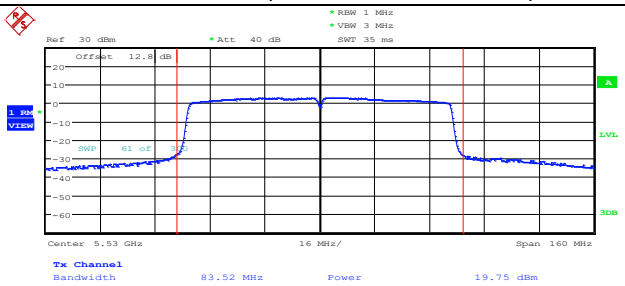
Date: 7.SEP.2021 15:37:29

Channel 58, 802.11ac VHT80,ANT 1



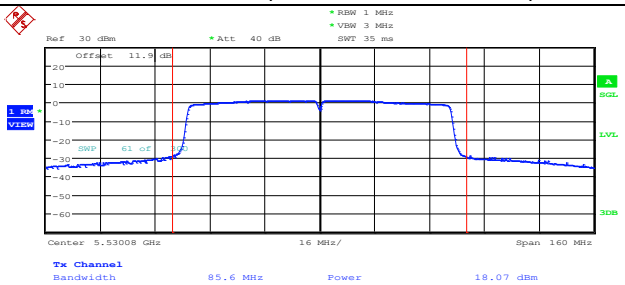
Date: 11.OCT.2021 13:37:22

Channel 106, 802.11ac VHT80,ANT 0



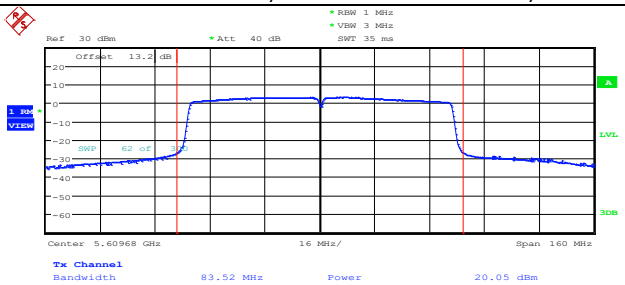
Date: 7.SEP.2021 15:39:50

Channel 106, 802.11ac VHT80,ANT 1



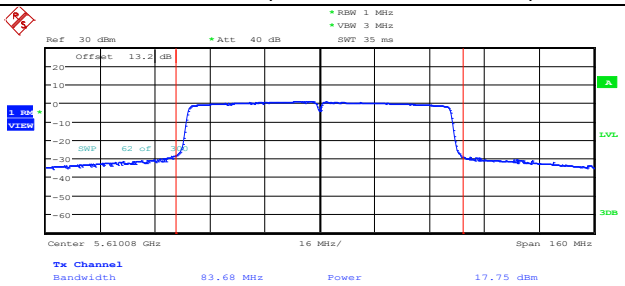
Date: 11.OCT.2021 12:58:25

Channel 122, 802.11ac VHT80,ANT 0



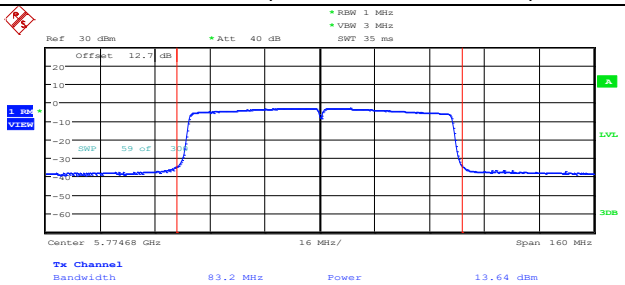
Date: 7.SEP.2021 15:45:18

Channel 122, 802.11ac VHT80,ANT 1



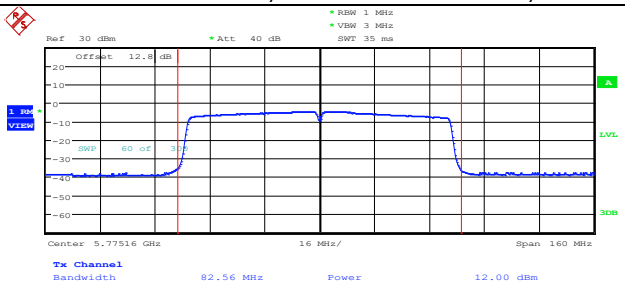
Date: 9.SEP.2021 12:25:03

Channel 155, 802.11ac VHT80,ANT 0



Date: 7.SEP.2021 17:23:03

Channel 155, 802.11ac VHT80,ANT 1

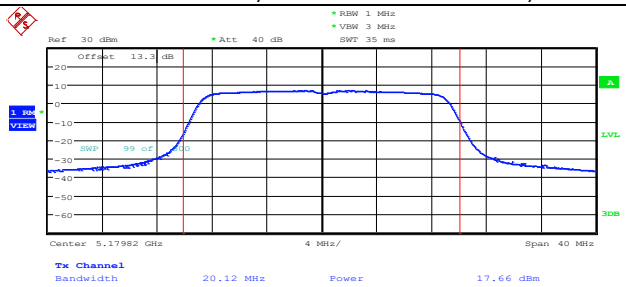


Date: 9.SEP.2021 12:31:29

802.11ax HEW20 Mode

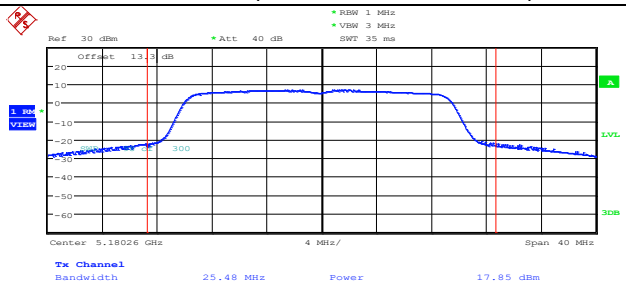
Channel	Frequency (MHz)	Measured		Duty Factor	Total Power with Duty Factor	Limit	Verdict
		ANT 0	ANT 1				
		dBm	dBm		dBm	dBm	
36	5180	17.66	17.85	0.02	20.79	<=23.98	PASS
40	5200	17.86	18.10	0.02	21.01	<=23.98	PASS
48	5240	17.90	17.95	0.02	20.96	<=23.98	PASS
52	5260	18.07	18.04	0.02	21.09	<=23.98	PASS
56	5280	18.03	18.16	0.02	21.13	<=23.98	PASS
64	5320	18.22	18.09	0.02	21.19	<=23.98	PASS
100	5500	17.78	17.80	0.02	20.82	<=23.98	PASS
116	5580	18.72	17.79	0.02	21.31	<=23.98	PASS
140	5700	18.01	17.85	0.02	20.96	<=23.98	PASS
149	5745	11.18	11.39	0.02	14.32	<=30	PASS
157	5785	11.65	11.81	0.02	14.76	<=30	PASS
165	5825	11.45	11.50	0.02	14.51	<=30	PASS

Channel 36, 802.11ax HEW20,ANT 0



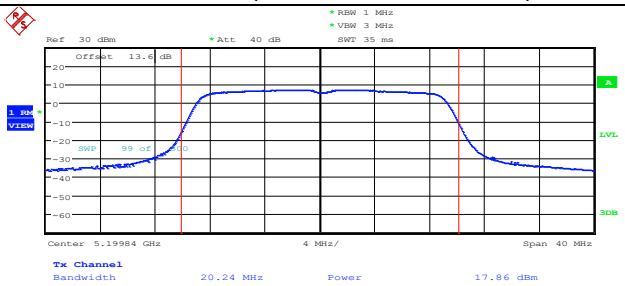
Date: 28.SEP.2021 20:04:30

Channel 36, 802.11ax HEW20,ANT 1



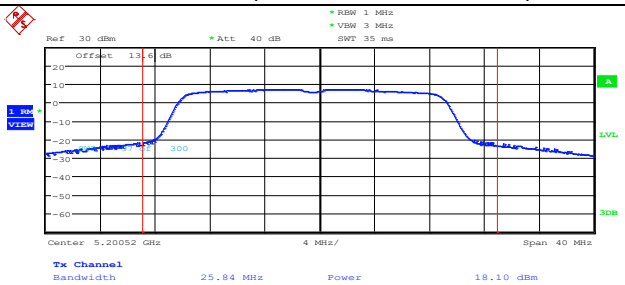
Date: 29.SEP.2021 09:43:45

Channel 40, 802.11ax HEW20,ANT 0



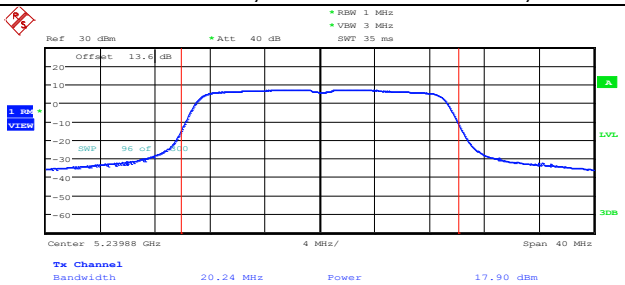
Date: 28.SEP.2021 20:09:41

Channel 40, 802.11ax HEW20,ANT 1



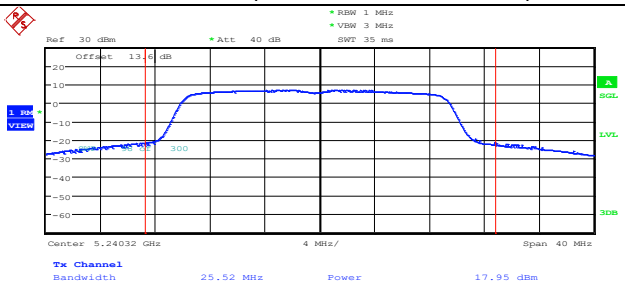
Date: 30.SEP.2021 09:25:16

Channel 48, 802.11ax HEW20,ANT 0



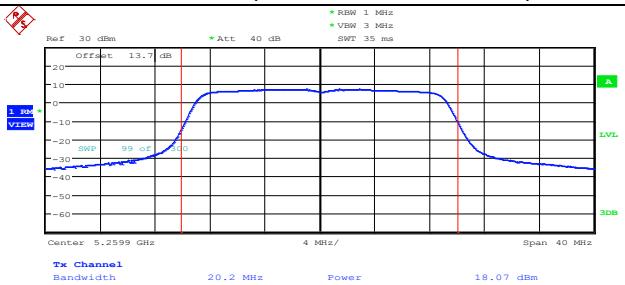
Date: 28.SEP.2021 20:12:52

Channel 48, 802.11ax HEW20,ANT 1



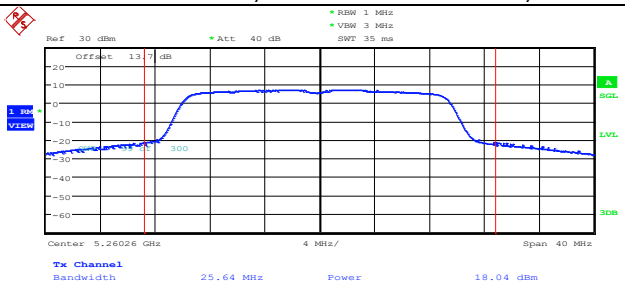
Date: 12.OCT.2021 09:02:19

Channel 52, 802.11ax HEW20,ANT 0



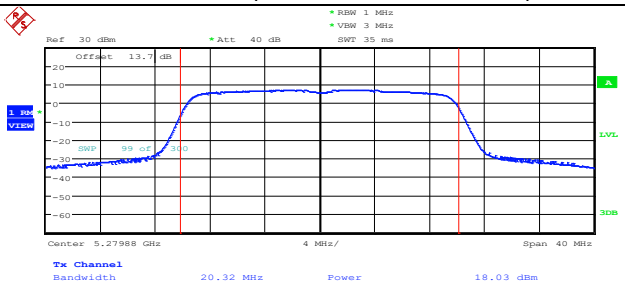
Date: 28.SEP.2021 20:20:32

Channel 52, 802.11ax HEW20,ANT 1



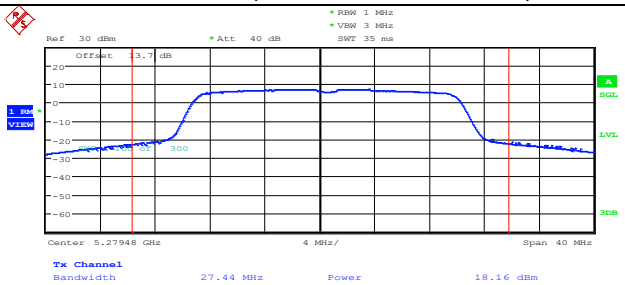
Date: 12.OCT.2021 09:03:39

Channel 56, 802.11ax HEW20,ANT 0



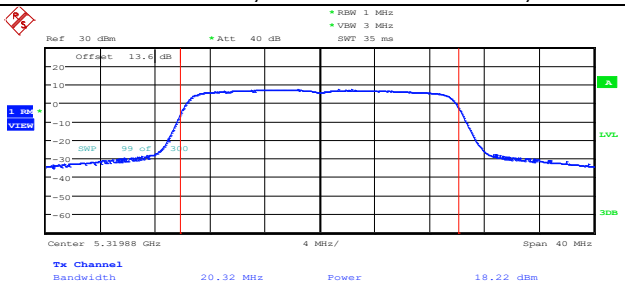
Date: 30.SEP.2021 09:17:49

Channel 56, 802.11ax HEW20,ANT 1



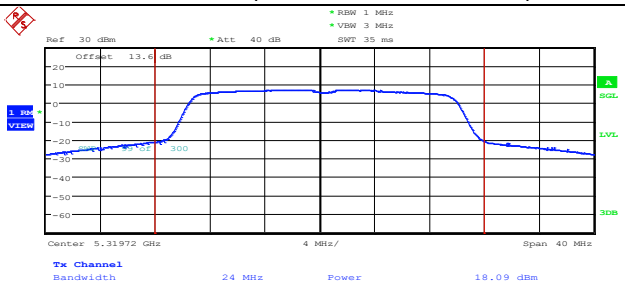
Date: 12.OCT.2021 09:13:34

Channel 64, 802.11ax HEW20,ANT 0



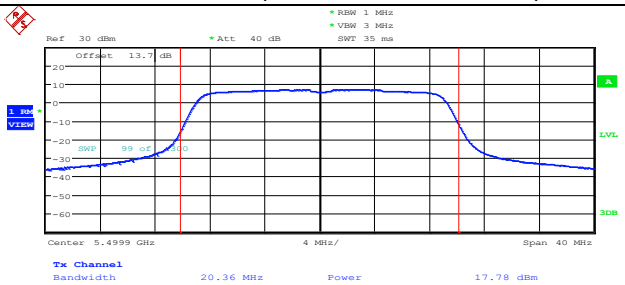
Date: 30.SEP.2021 09:19:07

Channel 64, 802.11ax HEW20,ANT 1



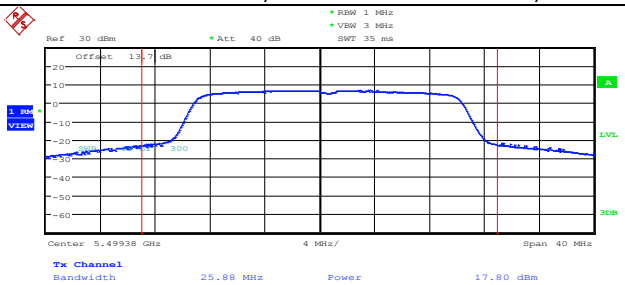
Date: 12.OCT.2021 09:09:40

Channel 100, 802.11ax HEW20,ANT 0



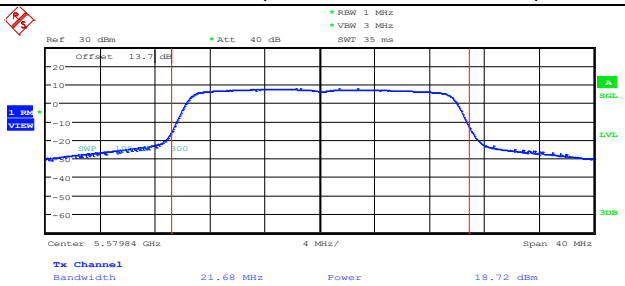
Date: 28.SEP.2021 20:27:34

Channel 100, 802.11ax HEW20,ANT 1



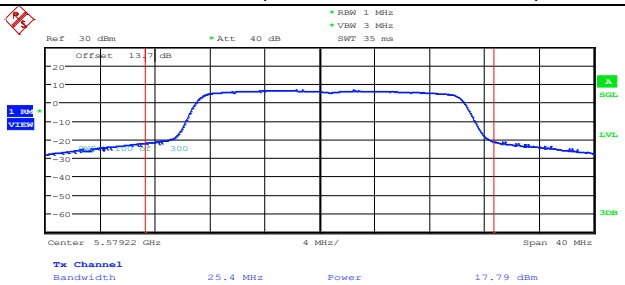
Date: 29.SEP.2021 10:02:31

Channel 116, 802.11ax HEW20,ANT 0



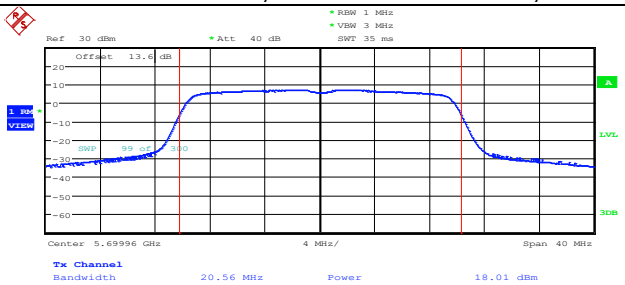
Date: 9.OCT.2021 10:16:40

Channel 116, 802.11ax HEW20,ANT 1



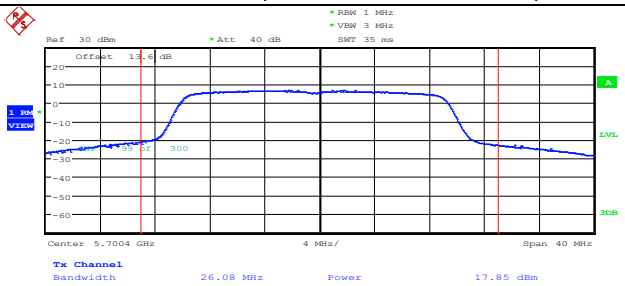
Date: 12.OCT.2021 08:47:04

Channel 140, 802.11ax HEW20,ANT 0



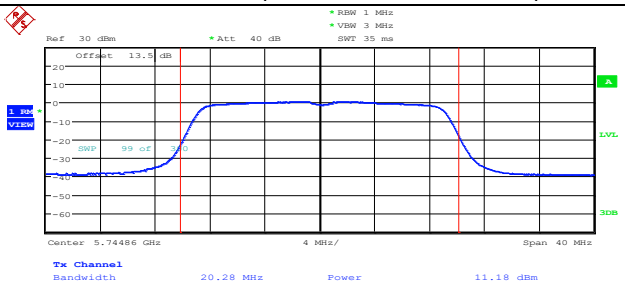
Date: 30.SEP.2021 09:21:01

Channel 140, 802.11ax HEW20,ANT 1



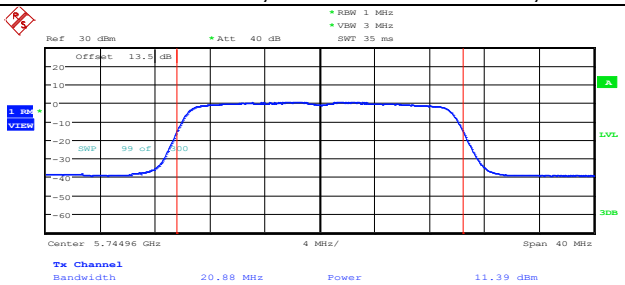
Date: 29.SEP.2021 10:06:53

Channel 149, 802.11ax HEW20,ANT 0



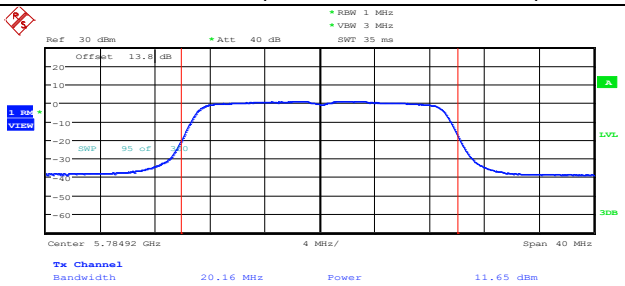
Date: 28.SEP.2021 20:40:30

Channel 149, 802.11ax HEW20,ANT 1



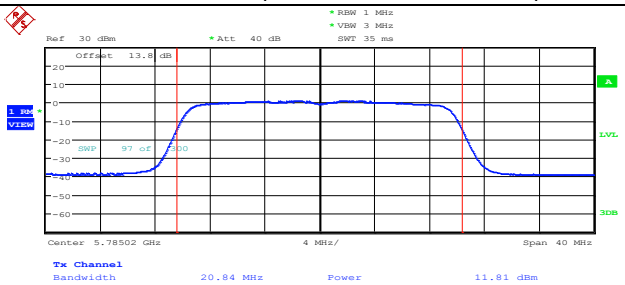
Date: 29.SEP.2021 10:09:38

Channel 157, 802.11ax HEW20,ANT 0



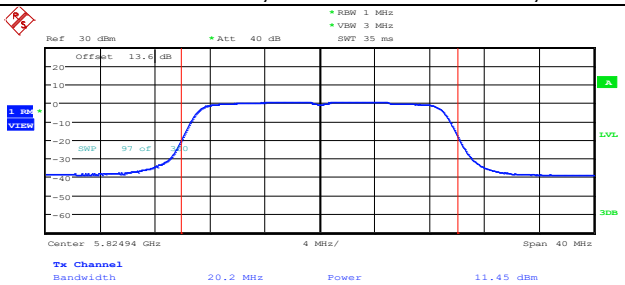
Date: 28.SEP.2021 20:43:27

Channel 157, 802.11ax HEW20,ANT 1



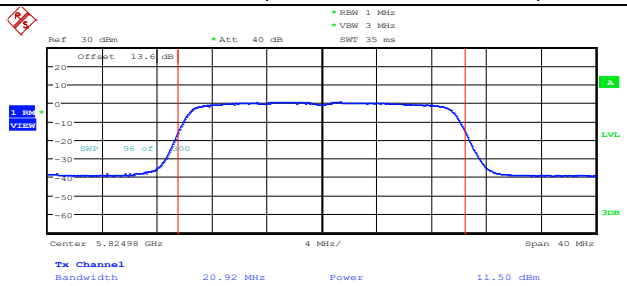
Date: 29.SEP.2021 10:13:15

Channel 165, 802.11ax HEW20,ANT 0



Date: 28.SEP.2021 20:45:50

Channel 165, 802.11ax HEW20,ANT 1

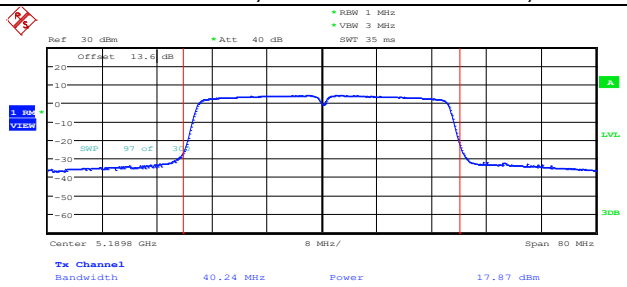


Date: 29.SEP.2021 10:15:38

802.11ax HEW40 Mode

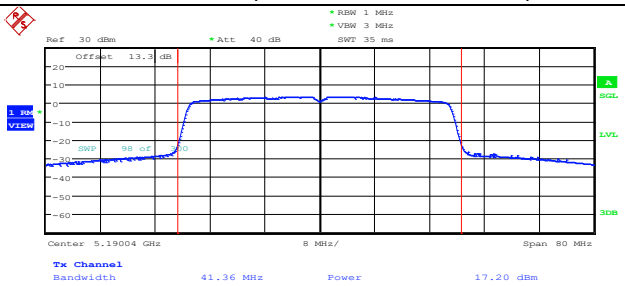
Channel	Frequency (MHz)	Measured		Duty Factor	Total Power with Duty Factor	Limit	Verdict
		ANT 0	ANT 1				
		dBm	dBm		dBm	dBm	
38	5190	17.87	17.20	0.02	20.58	<=23.98	PASS
46	5230	17.90	17.75	0.02	20.86	<=23.98	PASS
54	5270	18.20	17.60	0.02	20.94	<=23.98	PASS
62	5310	18.24	17.62	0.02	20.97	<=23.98	PASS
102	5510	17.81	17.49	0.02	20.68	<=23.98	PASS
110	5550	17.58	17.57	0.02	20.61	<=23.98	PASS
134	5670	17.87	17.40	0.02	20.67	<=23.98	PASS
151	5755	11.48	11.24	0.02	14.39	<=30	PASS
159	5795	11.46	11.34	0.02	14.43	<=30	PASS

Channel 38, 802.11ax HEW40,ANT 0



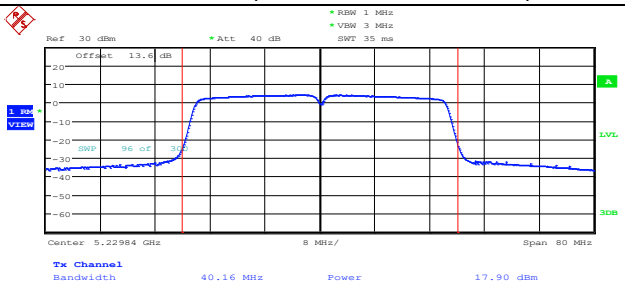
Date: 28.SEP.2021 20:50:11

Channel 38, 802.11ax HEW40,ANT 1



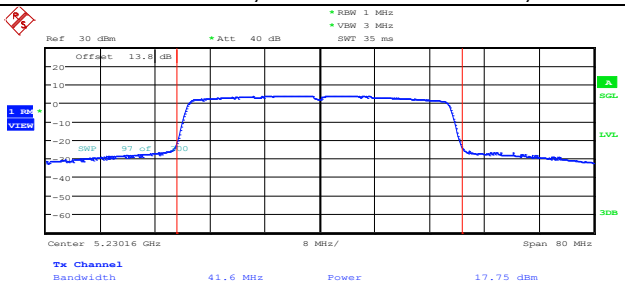
Date: 12.OCT.2021 08:49:21

Channel 46, 802.11ax HEW40,ANT 0



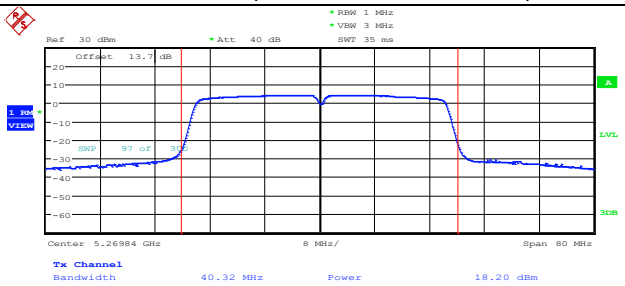
Date: 28.SEP.2021 20:53:35

Channel 46, 802.11ax HEW40,ANT 1



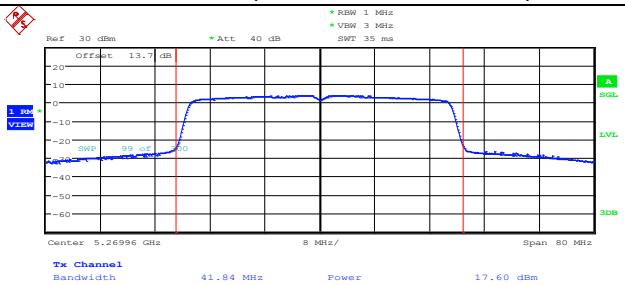
Date: 12.OCT.2021 08:50:19

Channel 54, 802.11ax HEW40,ANT 0



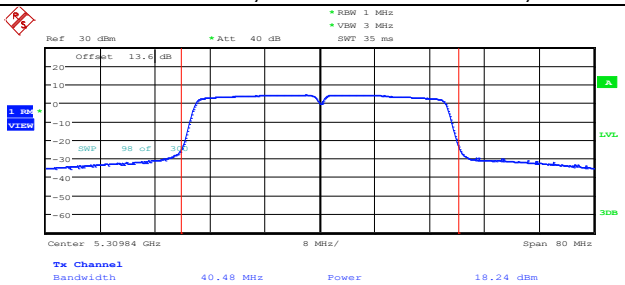
Date: 28.SEP.2021 20:55:59

Channel 54, 802.11ax HEW40,ANT 1



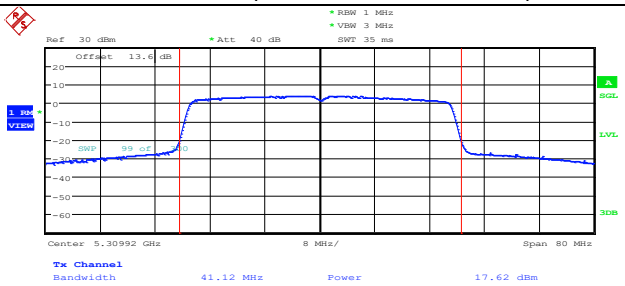
Date: 12.OCT.2021 08:54:23

Channel 62, 802.11ax HEW40,ANT 0



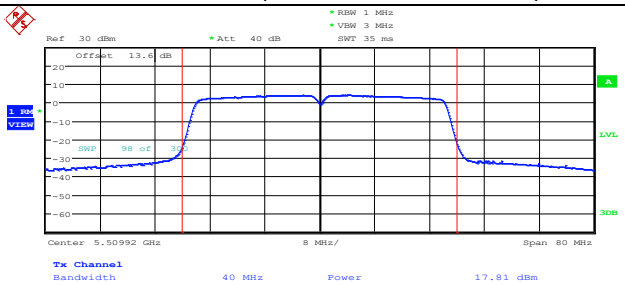
Date: 28.SEP.2021 21:00:16

Channel 62, 802.11ax HEW40,ANT 1



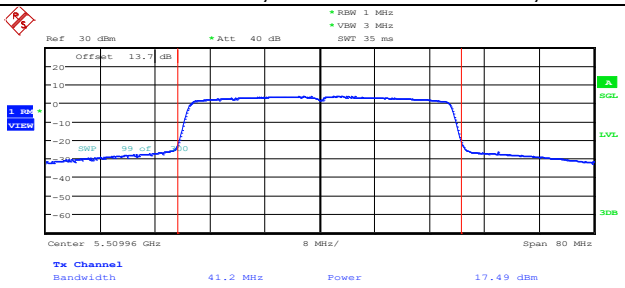
Date: 12.OCT.2021 08:55:22

Channel 102, 802.11ax HEW40,ANT 0



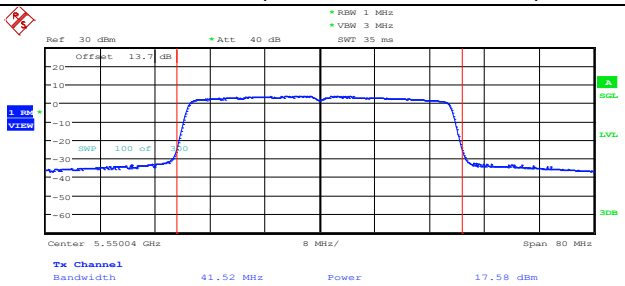
Date: 28.SEP.2021 21:02:36

Channel 102, 802.11ax HEW40,ANT 1



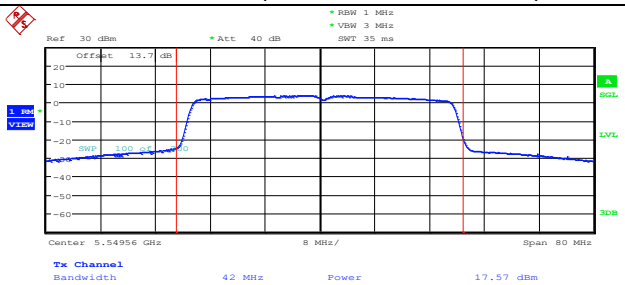
Date: 12.OCT.2021 08:56:34

Channel 110, 802.11ax HEW40,ANT 0



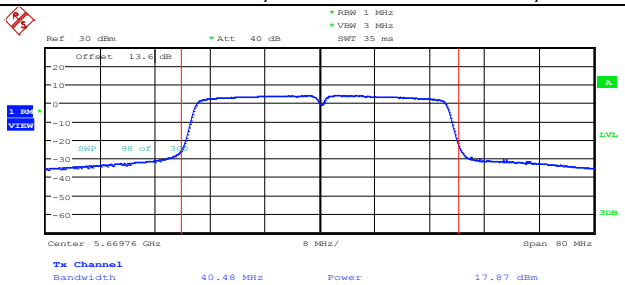
Date: 9.OCT.2021 14:32:38

Channel 110, 802.11ax HEW40,ANT 1



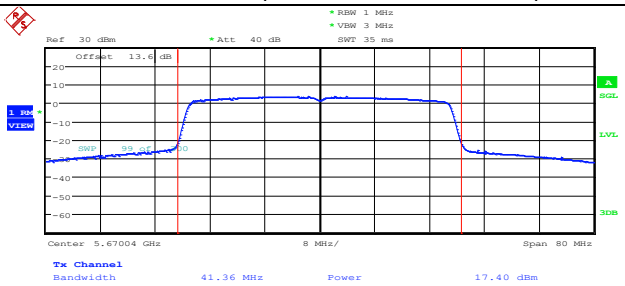
Date: 12.OCT.2021 08:57:30

Channel 134, 802.11ax HEW40,ANT 0



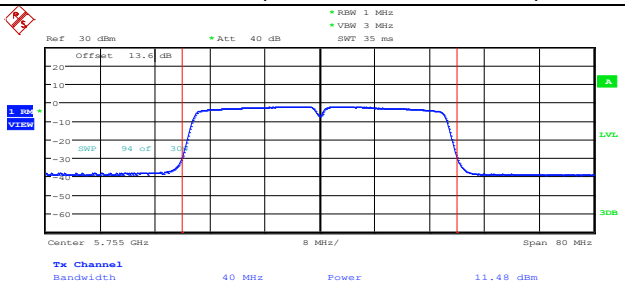
Date: 28.SEP.2021 21:07:15

Channel 134, 802.11ax HEW40,ANT 1



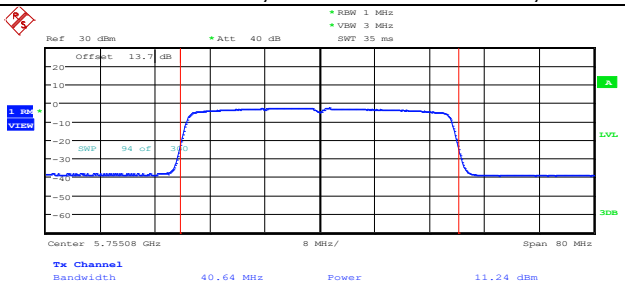
Date: 12.OCT.2021 09:00:10

Channel 151, 802.11ax HEW40,ANT 0



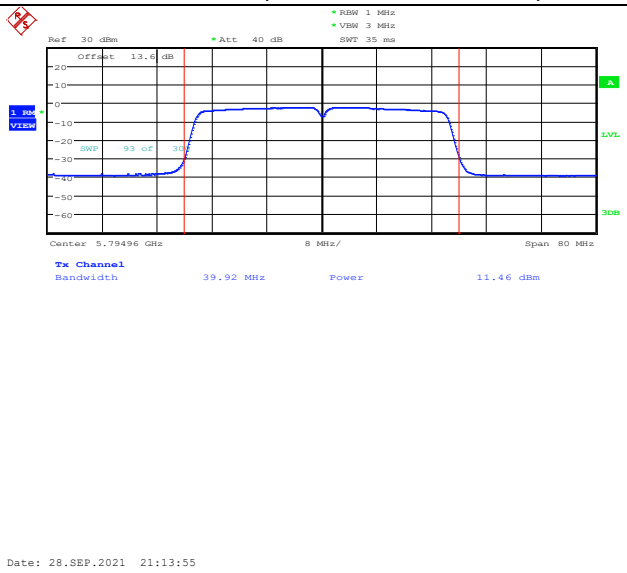
Date: 28.SEP.2021 21:11:18

Channel 151, 802.11ax HEW40,ANT 1

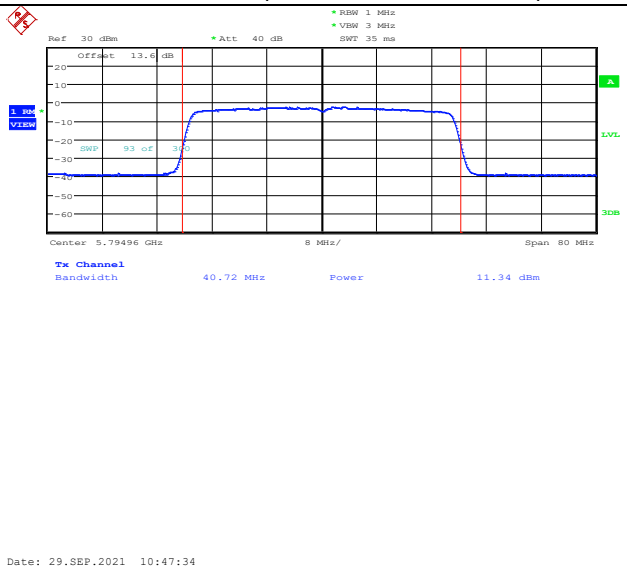


Date: 29.SEP.2021 10:44:42

Channel 159, 802.11ax HEW40,ANT 0



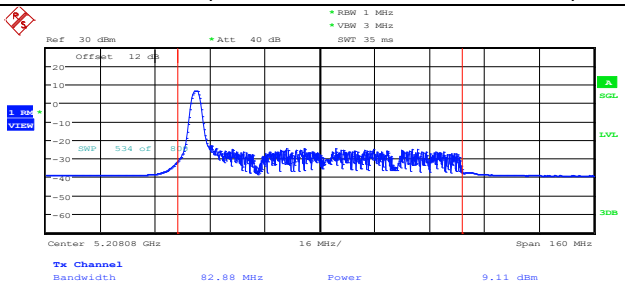
Channel 159, 802.11ax HEW40,ANT 1



802.11ax HEW80 RU26 Mode

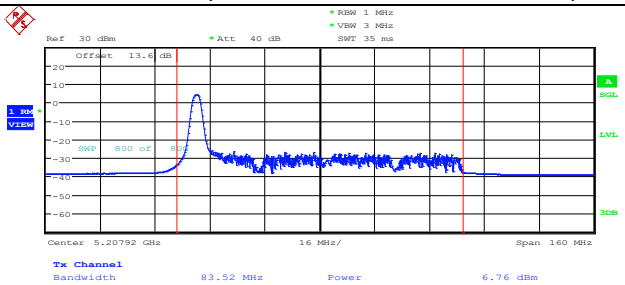
Channel	Frequency (MHz)	Measured		Duty Factor	Total Power with Duty Factor	Limit	Verdict
		ANT 0	ANT 1				
		dBm	dBm		dBm	dBm	
42	5210	9.11	6.76	0.02	11.12	<=23.98	PASS
58	5290	9.20	7.19	0.02	11.34	<=23.98	PASS
106	5530	8.66	6.96	0.02	10.92	<=23.98	PASS
122	5610	9.37	6.95	0.02	11.36	<=23.98	PASS
155	5775	9.01	6.90	0.02	11.11	<=30	PASS

Channel 42, 802.11ax HEW80 RU26,ANT 0



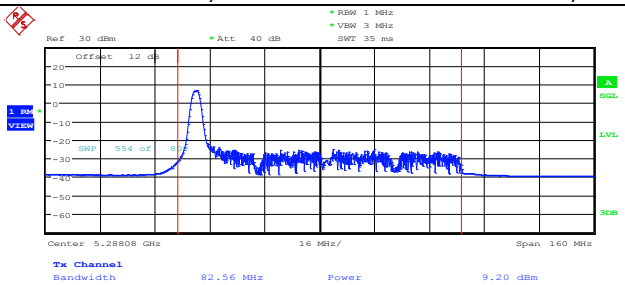
Date: 8.OCT.2021 14:01:43

Channel 42, 802.11ax HEW80 RU26,ANT 1



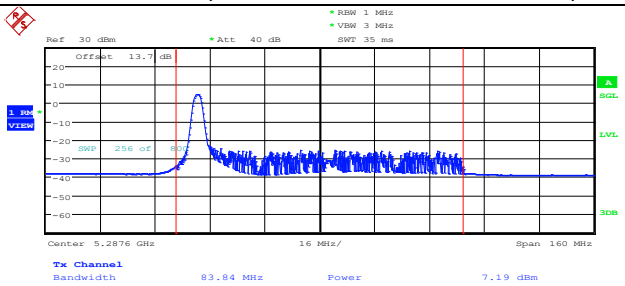
Date: 8.OCT.2021 11:29:28

Channel 58, 802.11ax HEW80 RU26,ANT 0



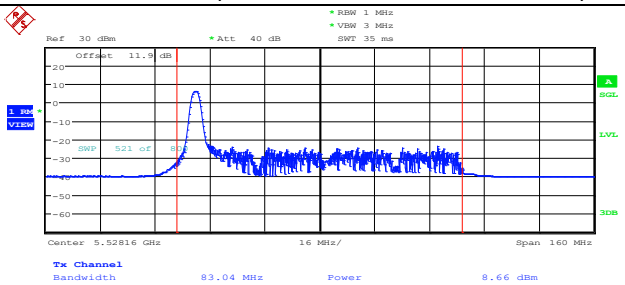
Date: 8.OCT.2021 14:09:57

Channel 58, 802.11ax HEW80 RU26,ANT 1



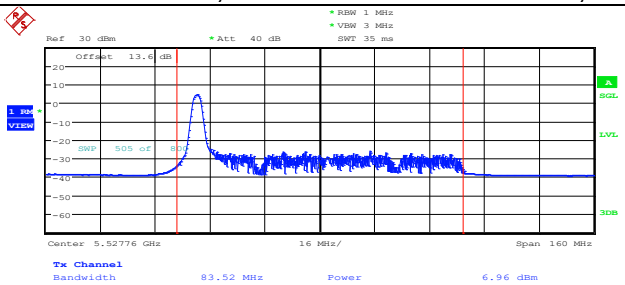
Date: 8.OCT.2021 11:34:03

Channel 106, 802.11ax HEW80 RU26,ANT 0



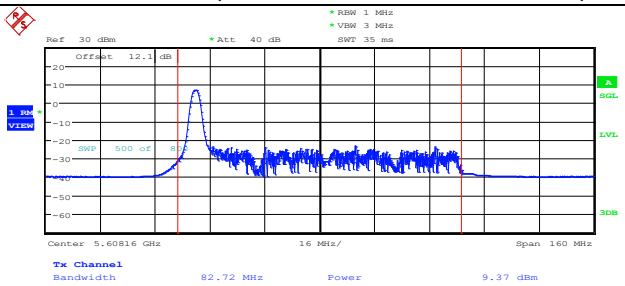
Date: 8.OCT.2021 14:17:10

Channel 106, 802.11ax HEW80 RU26,ANT 1



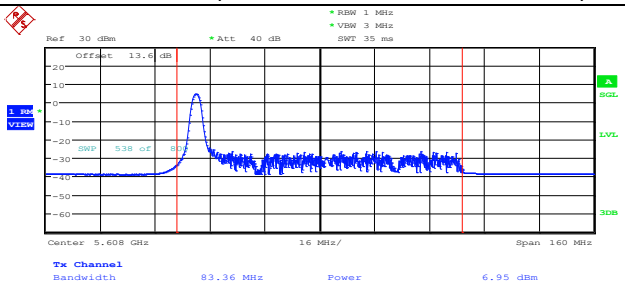
Date: 8.OCT.2021 11:40:12

Channel 122, 802.11ax HEW80 RU26,ANT 0



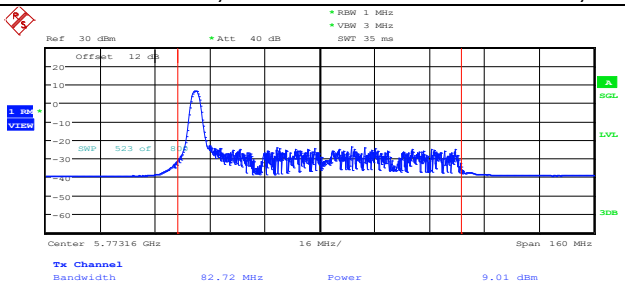
Date: 8.OCT.2021 14:24:05

Channel 122, 802.11ax HEW80 RU26,ANT 1



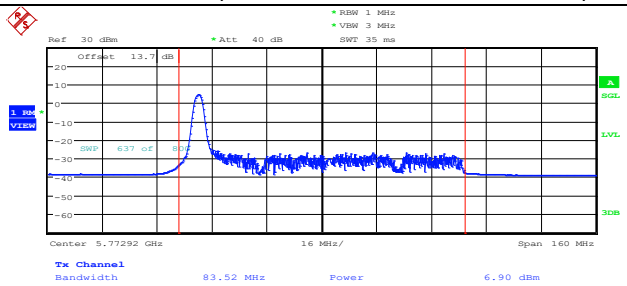
Date: 8.OCT.2021 11:45:15

Channel 155, 802.11ax HEW80 RU26,ANT 0



Date: 8.OCT.2021 14:33:22

Channel 155, 802.11ax HEW80 RU26,ANT 1

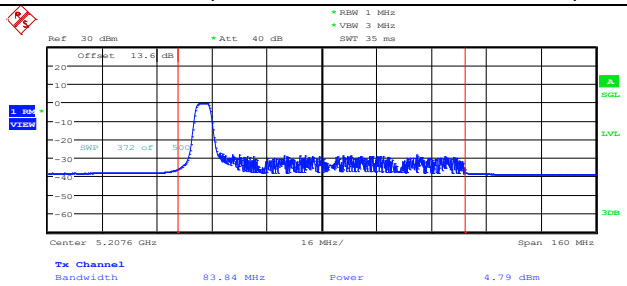


Date: 8.OCT.2021 11:52:18

802.11ax HEW80 RU52 Mode

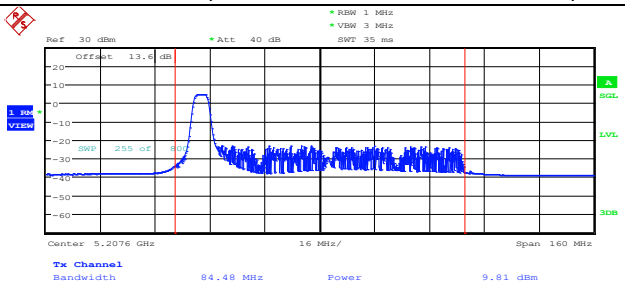
Channel	Frequency (MHz)	Measured		Duty Factor	Total Power with Duty Factor	Limit	Verdict
		ANT 0	ANT 1				
		dBm	dBm		dBm	dBm	
42	5210	4.79	9.81	0.02	11.02	<=23.98	PASS
58	5290	5.22	10.12	0.02	11.36	<=23.98	PASS
106	5530	4.47	9.80	0.02	10.94	<=23.98	PASS
122	5610	4.56	9.75	0.02	10.92	<=23.98	PASS
155	5775	4.63	9.62	0.02	10.84	<=30	PASS

Channel 42, 802.11ax HEW80 RU52,ANT 0



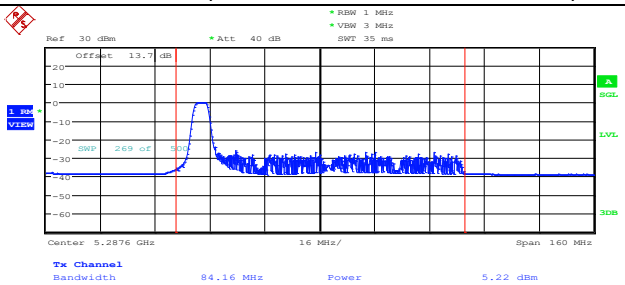
Date: 30.SEP.2021 22:33:26

Channel 42, 802.11ax HEW80 RU52,ANT 1



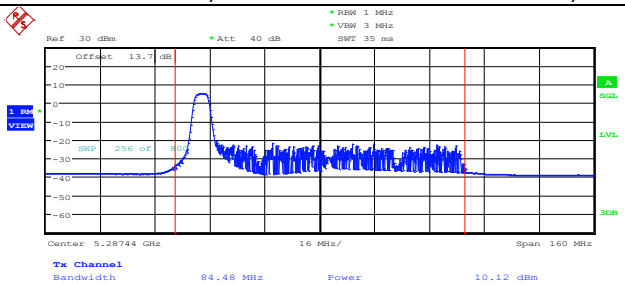
Date: 8.OCT.2021 10:07:18

Channel 58, 802.11ax HEW80 RU52,ANT 0



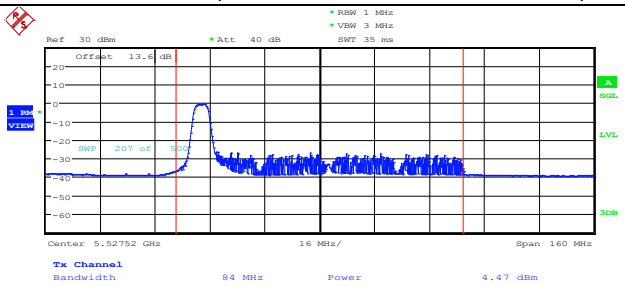
Date: 30.SEP.2021 22:37:17

Channel 58, 802.11ax HEW80 RU52,ANT 1



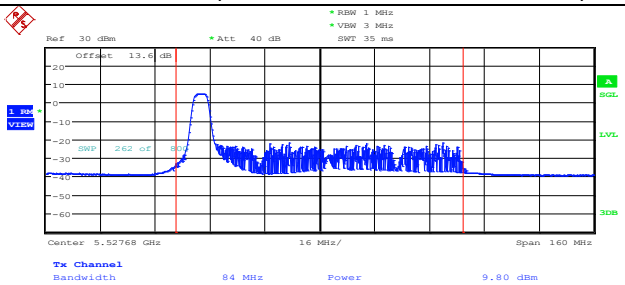
Date: 8.OCT.2021 10:15:20

Channel 106, 802.11ax HEW80 RU52,ANT 0



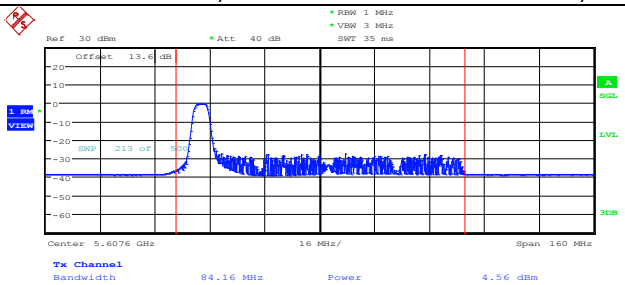
Date: 30.SEP.2021 22:40:14

Channel 106, 802.11ax HEW80 RU52,ANT 1



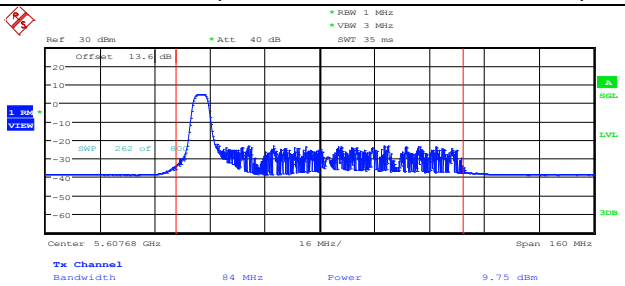
Date: 8.OCT.2021 10:20:46

Channel 122, 802.11ax HEW80 RU52,ANT 0



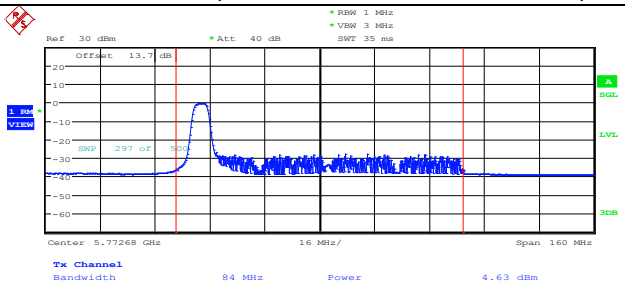
Date: 30.SEP.2021 22:43:11

Channel 122, 802.11ax HEW80 RU52,ANT 1



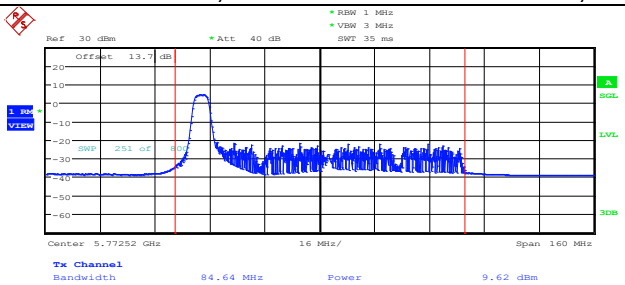
Date: 8.OCT.2021 10:24:34

Channel 155, 802.11ax HEW80 RU52,ANT 0



Date: 30.SEP.2021 22:48:04

Channel 155, 802.11ax HEW80 RU52,ANT 1

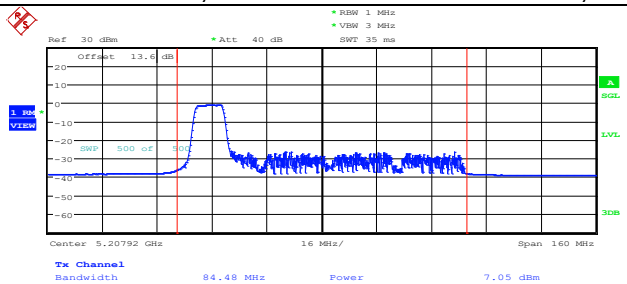


Date: 8.OCT.2021 10:28:46

802.11ax HEW80 RU106 Mode

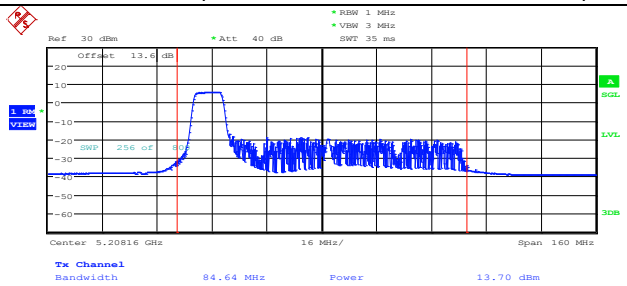
Channel	Frequency (MHz)	Measured		Duty Factor	Total Power with Duty Factor	Limit	Verdict
		ANT 0	ANT 1				
		dBm	dBm		dBm	dBm	
42	5210	7.05	13.70	0.02	14.57	<=23.98	PASS
58	5290	7.40	13.94	0.02	14.83	<=23.98	PASS
106	5530	6.72	13.62	0.02	14.45	<=23.98	PASS
122	5610	6.80	13.67	0.02	14.50	<=23.98	PASS
155	5775	6.75	11.46	0.02	12.74	<=30	PASS

Channel 42, 802.11ax HEW80 RU106,ANT 0



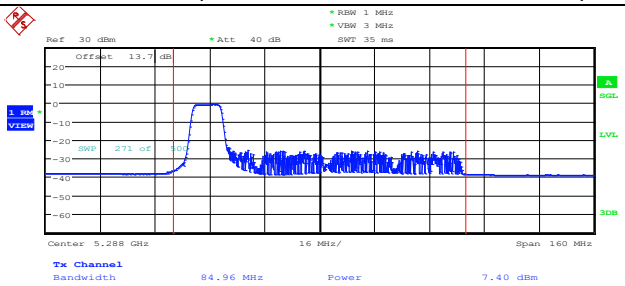
Date: 30.SEP.2021 21:52:33

Channel 42, 802.11ax HEW80 RU106,ANT 1



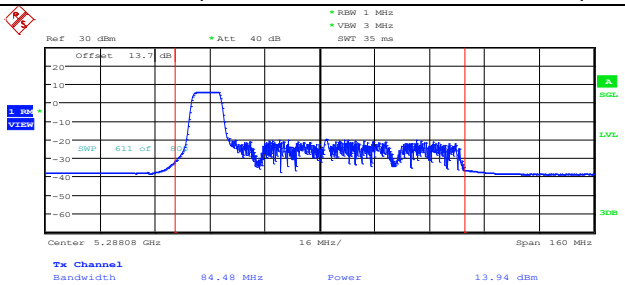
Date: 8.OCT.2021 12:36:46

Channel 58, 802.11ax HEW80 RU106,ANT 0



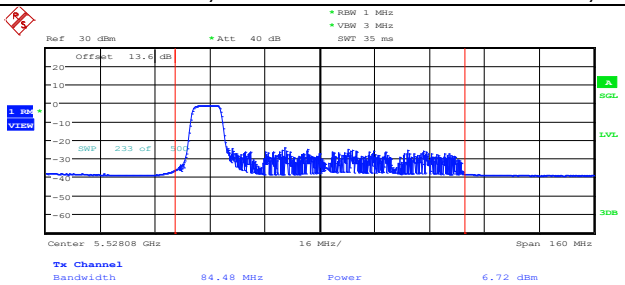
Date: 30.SEP.2021 21:58:38

Channel 58, 802.11ax HEW80 RU106,ANT 1



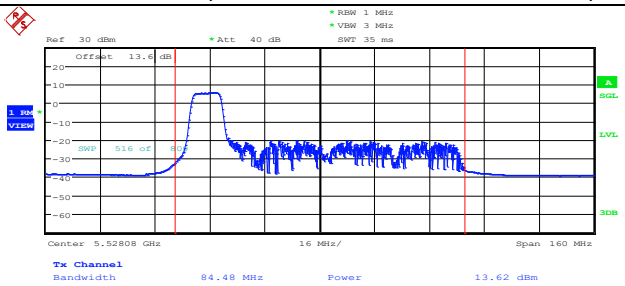
Date: 8.OCT.2021 12:42:09

Channel 106, 802.11ax HEW80 RU106,ANT 0



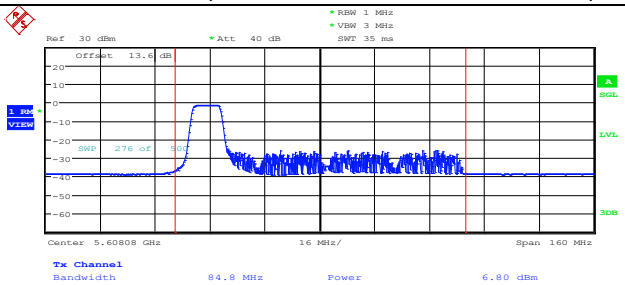
Date: 30.SEP.2021 22:02:28

Channel 106, 802.11ax HEW80 RU106,ANT 1



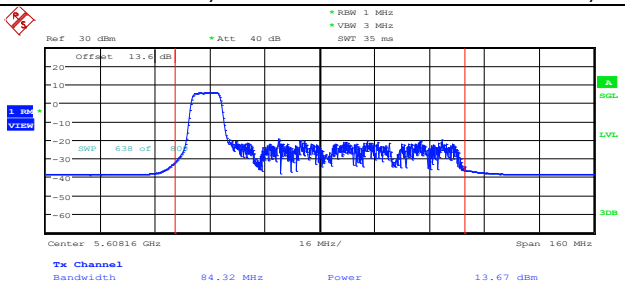
Date: 8.OCT.2021 12:47:09

Channel 122, 802.11ax HEW80 RU106,ANT 0



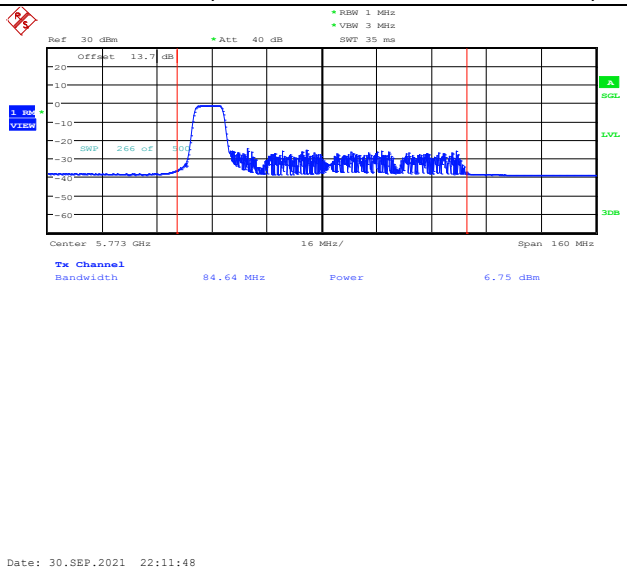
Date: 30.SEP.2021 22:05:24

Channel 122, 802.11ax HEW80 RU106,ANT 1

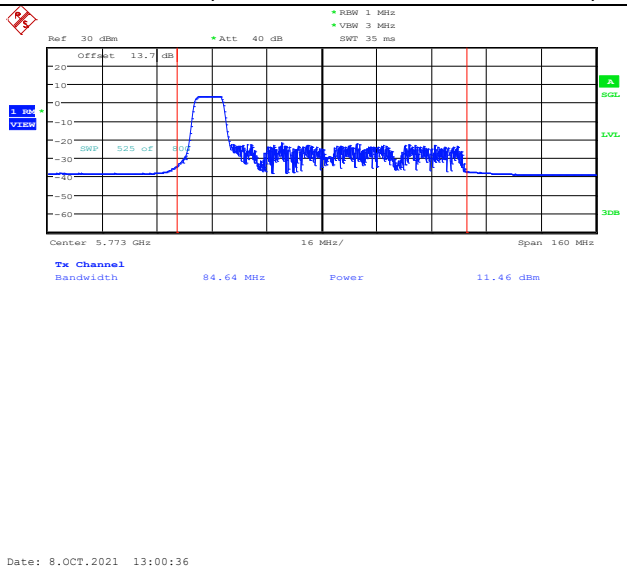


Date: 8.OCT.2021 12:52:21

Channel 155, 802.11ax HEW80 RU106,ANT 0



Channel 155, 802.11ax HEW80 RU106,ANT 1



802.11ax HEW80 RU242 Mode

Channel	Frequency (MHz)	Measured		Duty Factor	Total Power with Duty Factor	Limit	Verdict
		ANT 0	ANT 1				
		dBm	dBm		dBm	dBm	
42	5210	10.28	17.81	0.02	18.54	<=23.98	PASS
58	5290	10.68	18.01	0.02	18.77	<=23.98	PASS
106	5530	9.93	17.84	0.02	18.51	<=23.98	PASS
122	5610	9.89	17.60	0.02	18.30	<=23.98	PASS
155	5775	10.05	11.59	0.02	13.92	<=30	PASS