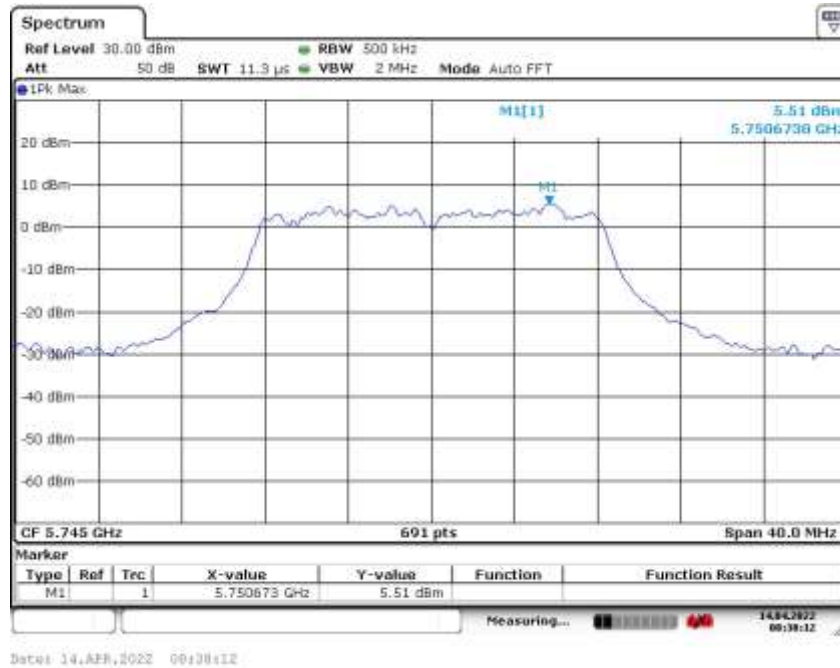


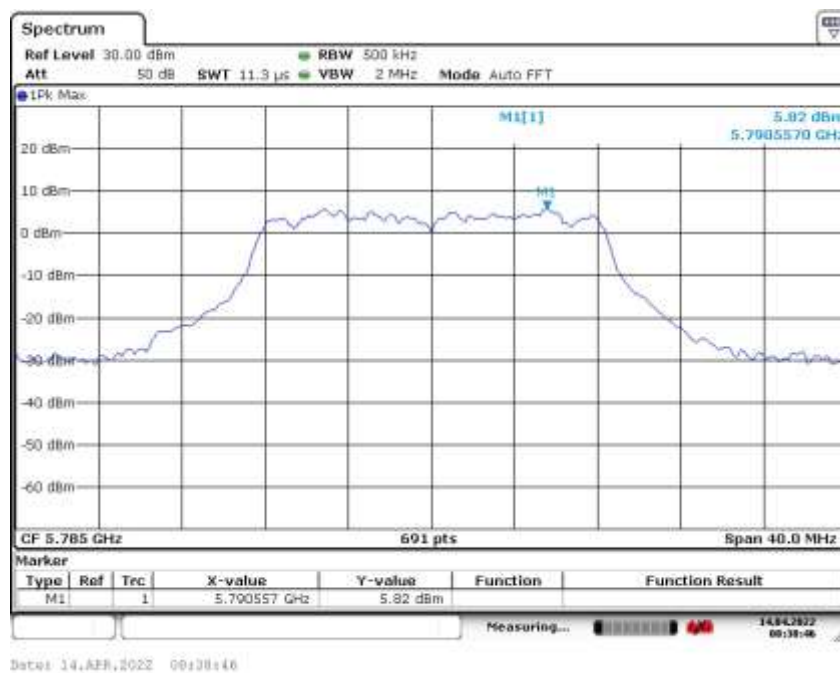
Report No.: AAEMT/EMC/220321-06-03

Test plots as followed: 5GHZ_4

802.11a
Channel: 149

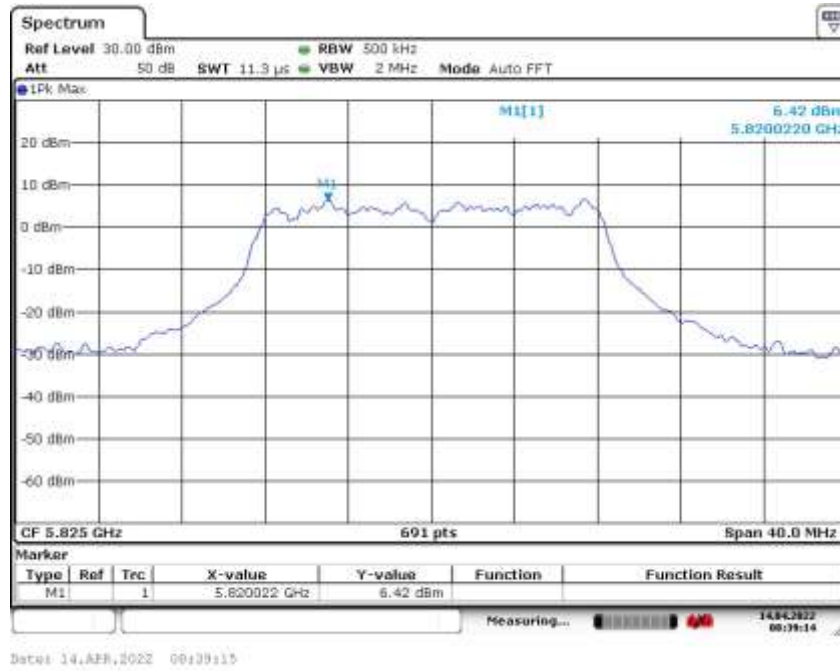


Channel: 157



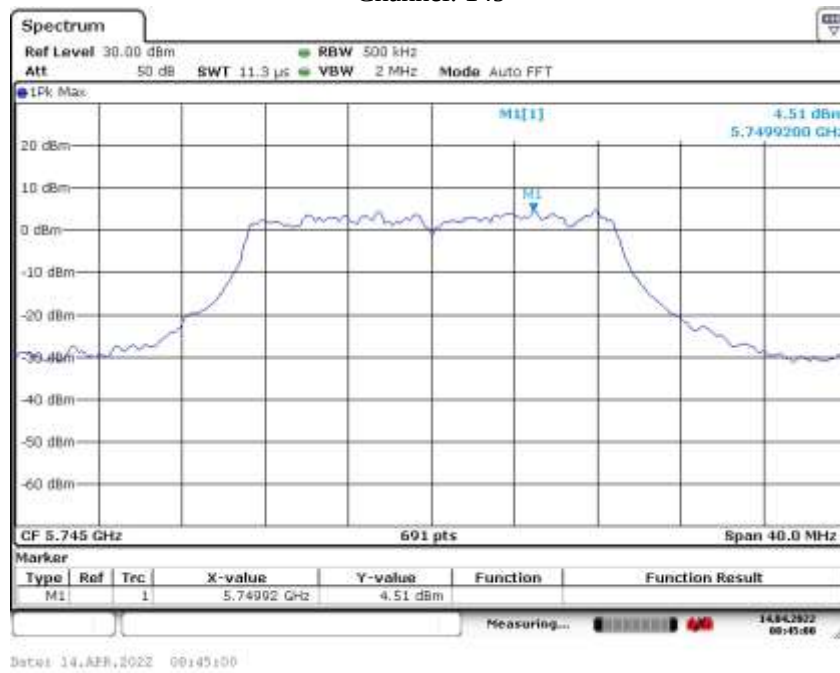
Report No.: AAEMT/EMC/220321-06-03

Channel: 165

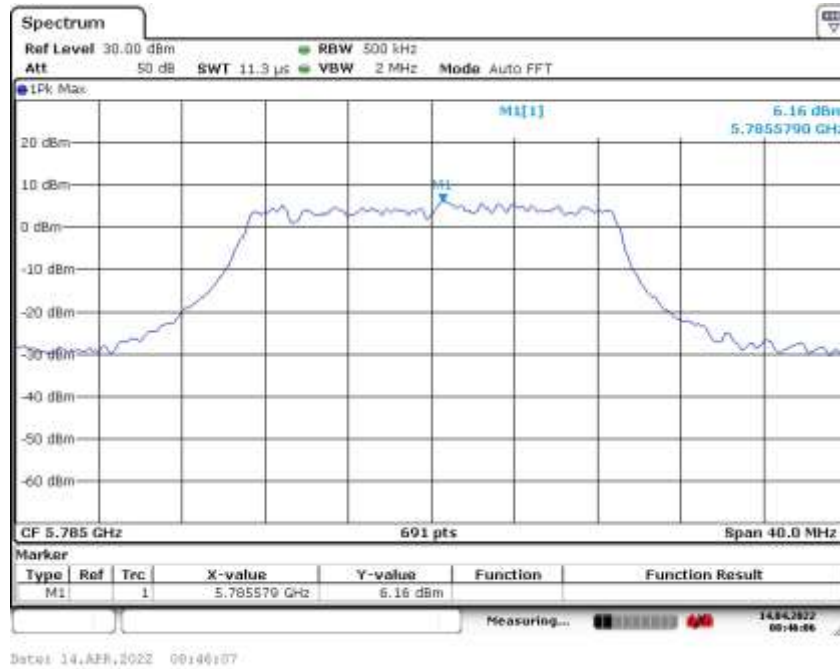


Report No.: AAEMT/EMC/220321-06-03

802.11n20
Channel: 149

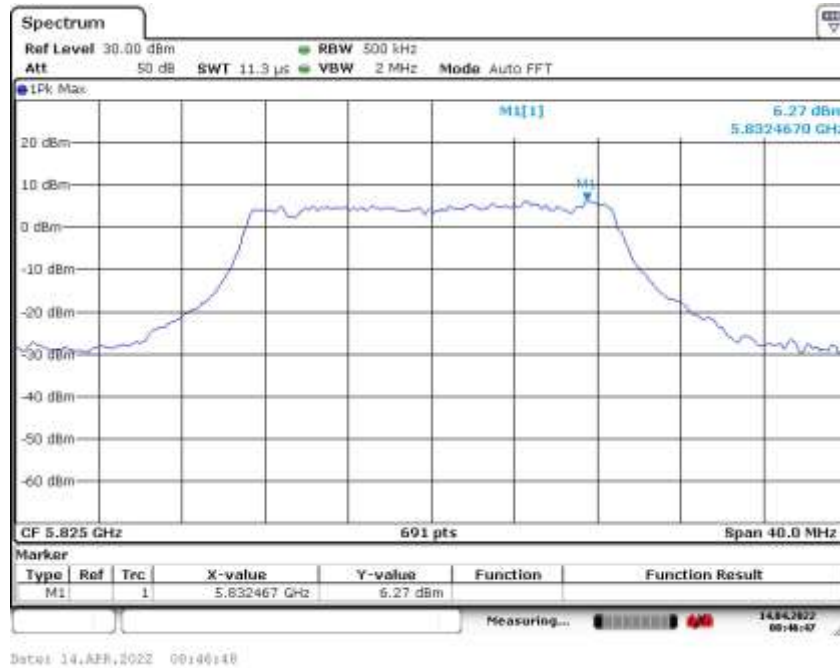


Channel: 157



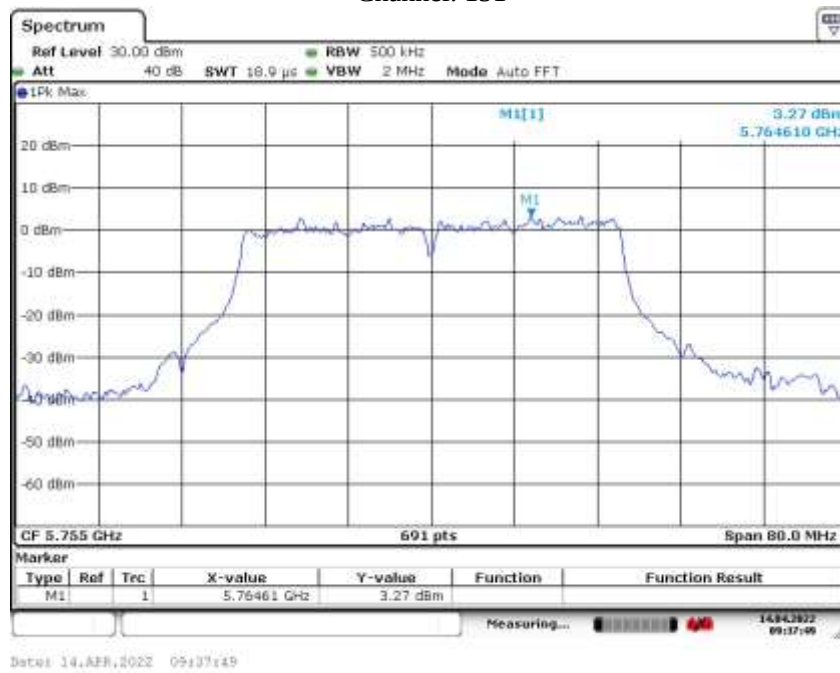
Report No.: AAEMT/EMC/220321-06-03

Channel: 165

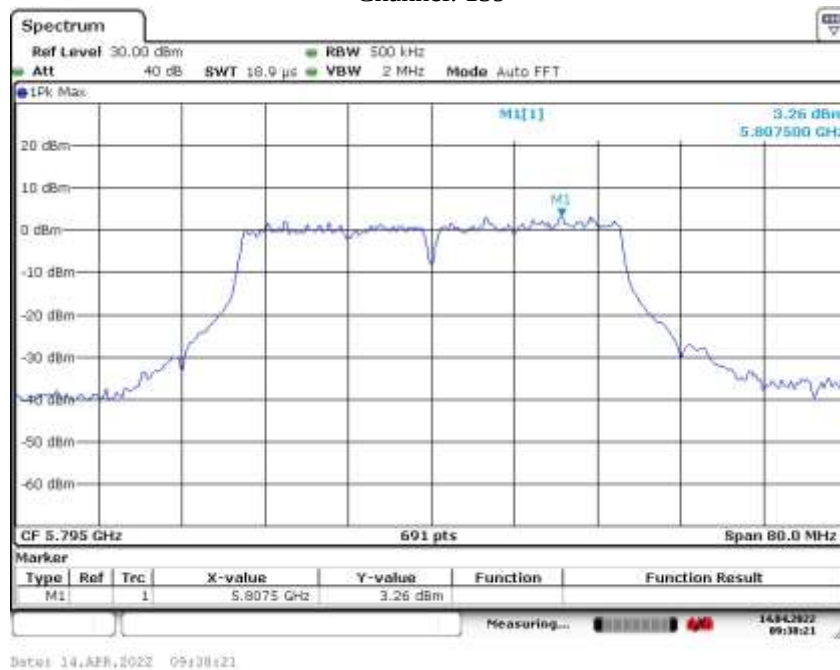


Report No.: AAEMT/EMC/220321-06-03

802.11n40
Channel: 151

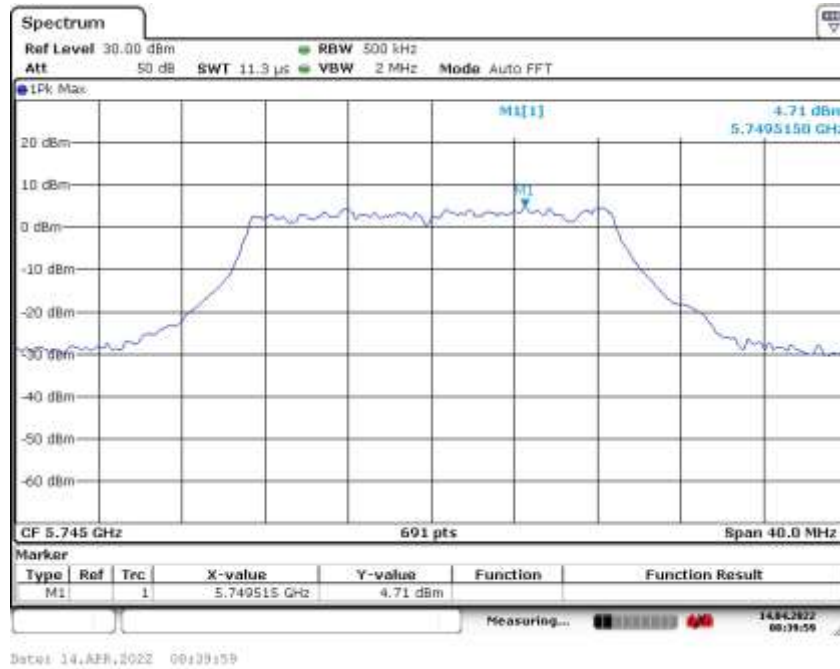


Channel: 159

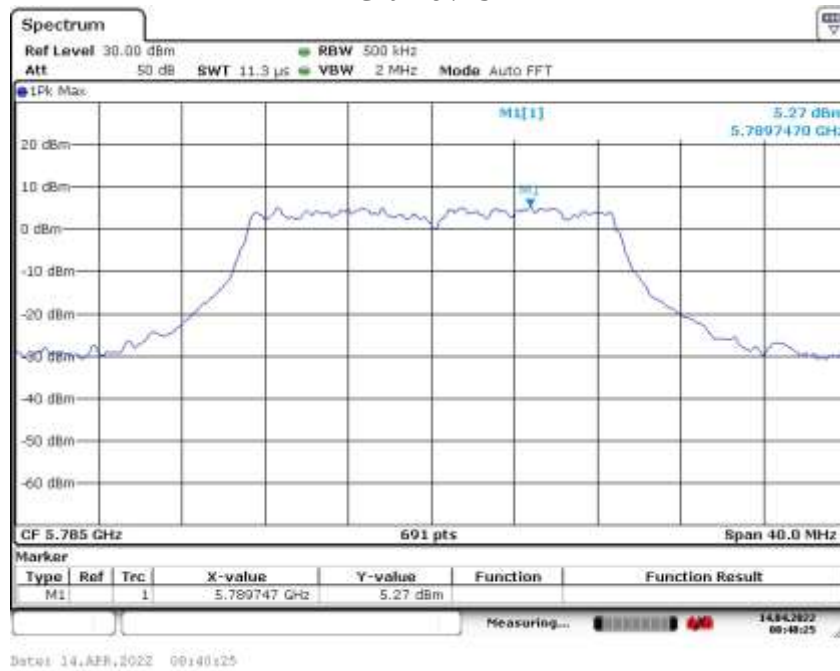


Report No.: AAEMT/EMC/220321-06-03

802.11ac20
Channel: 149

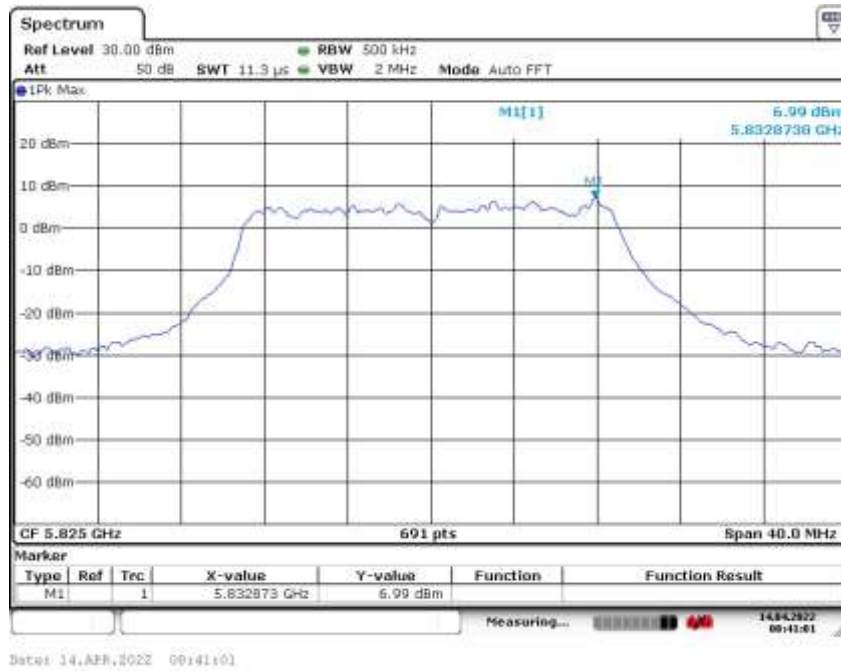


Channel: 157



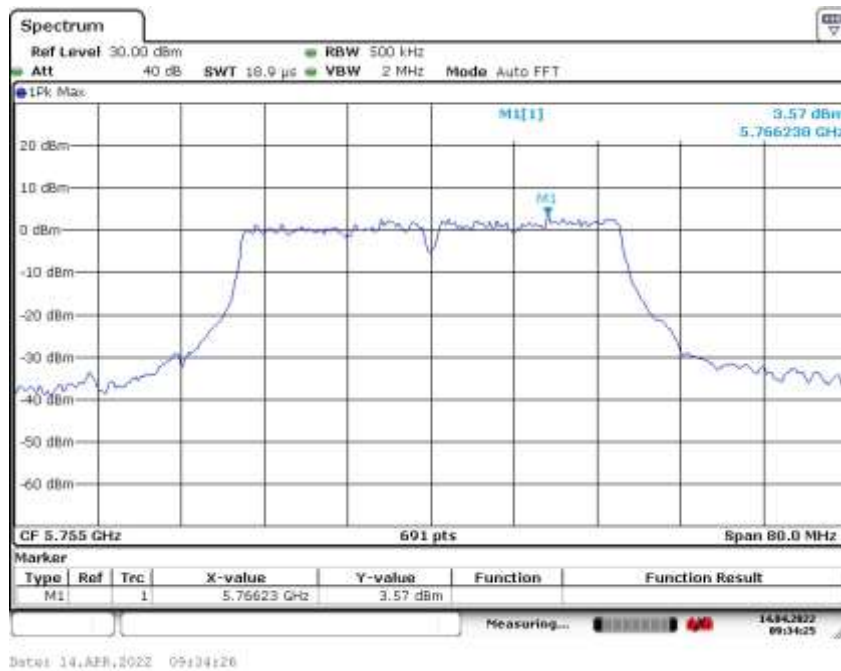
Report No.: AAEMT/EMC/220321-06-03

Channel: 165



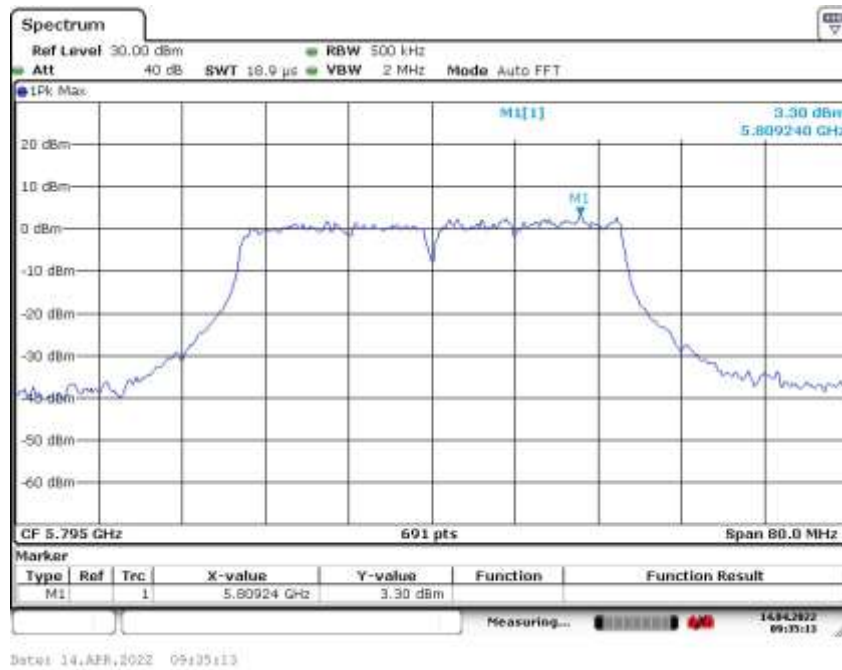
802.11ac40

Channel: 151



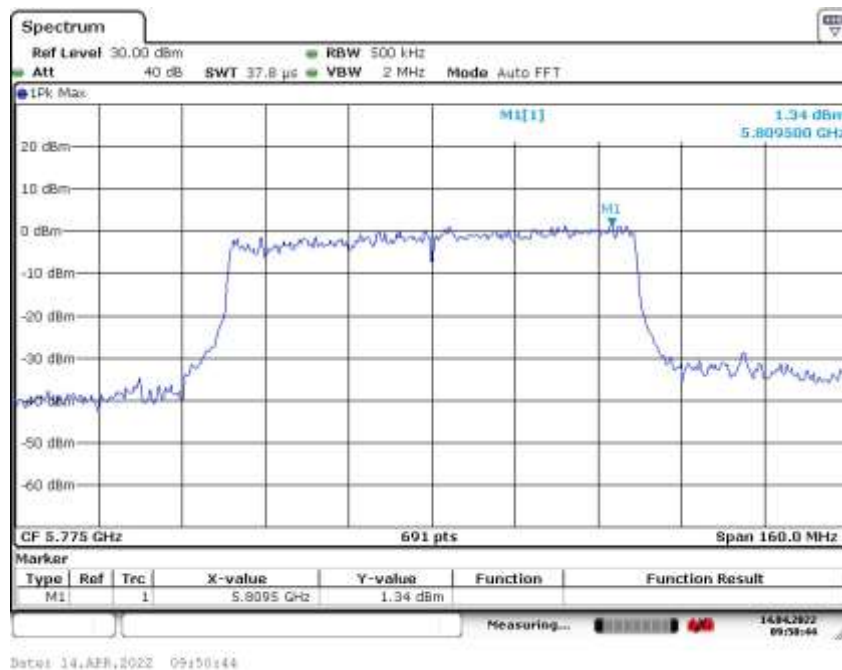
Report No.: AAEMT/EMC/220321-06-03

Channel: 159



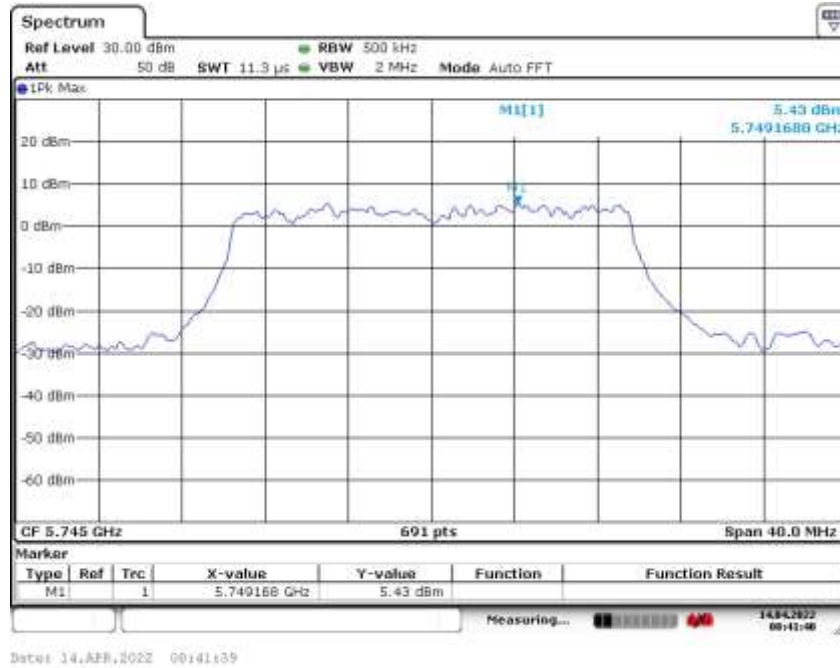
802.11ac80

Channel: 155

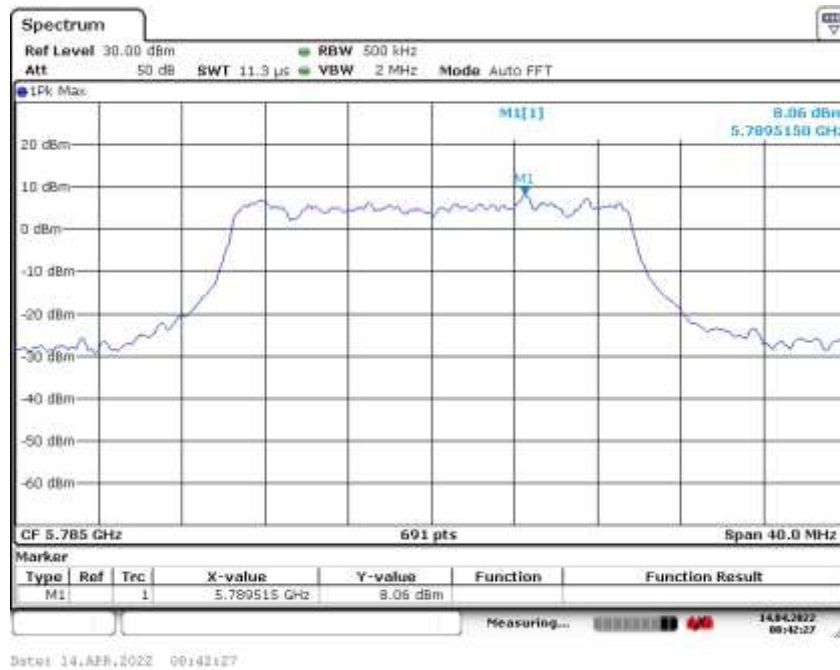


Report No.: AAEMT/EMC/220321-06-03

802.11ax20
Channel: 149

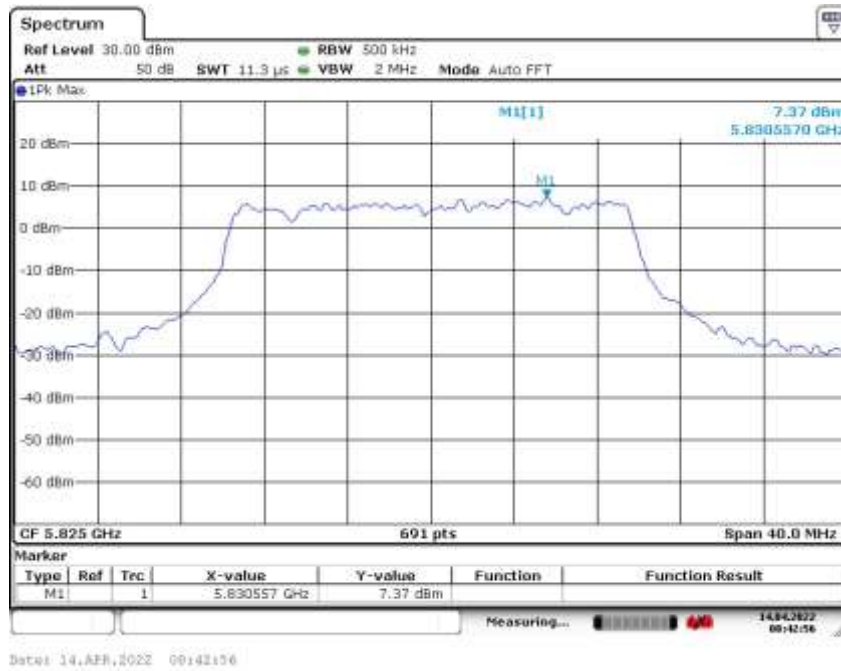


Channel: 157



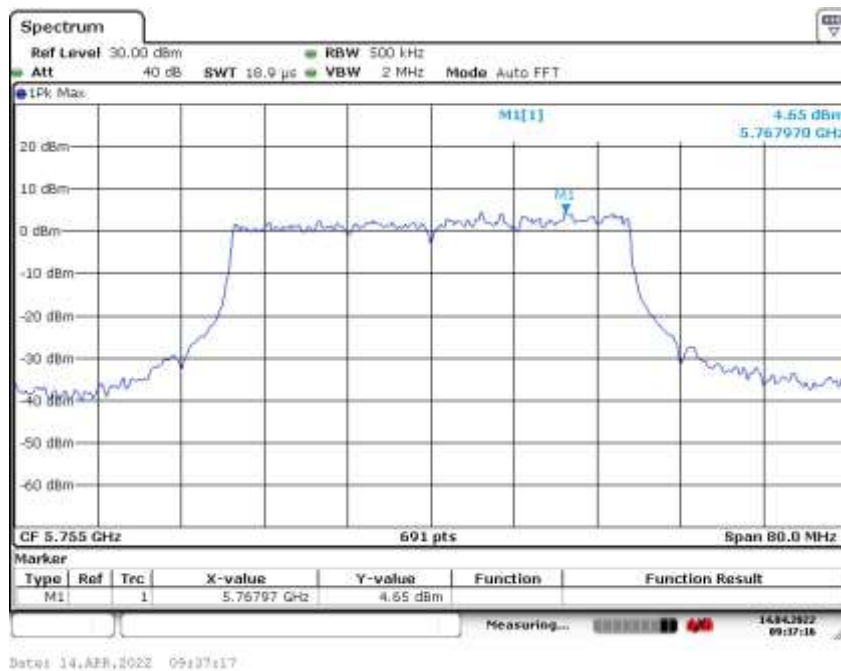
Report No.: AAEMT/EMC/220321-06-03

Channel: 165



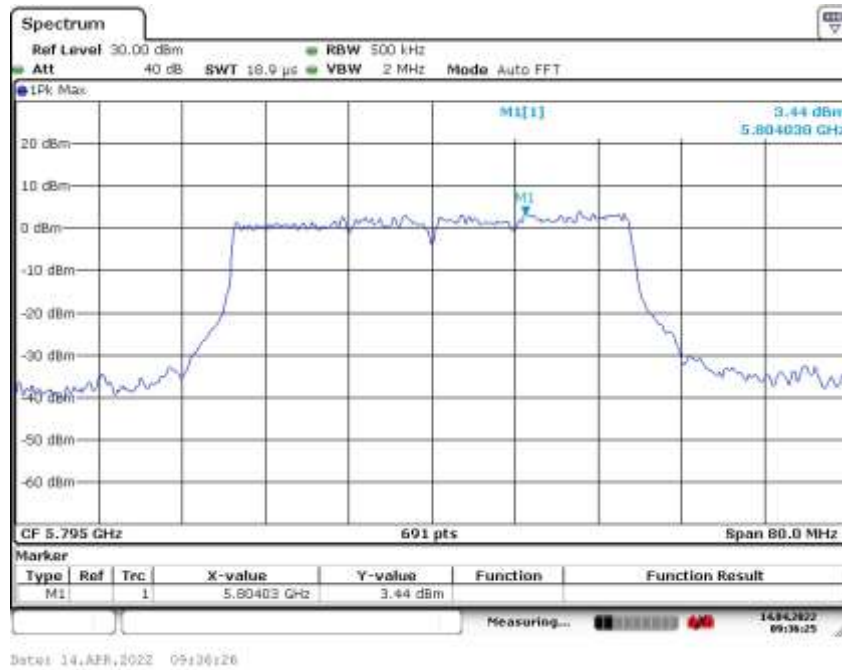
802.11ax40

Channel: 151



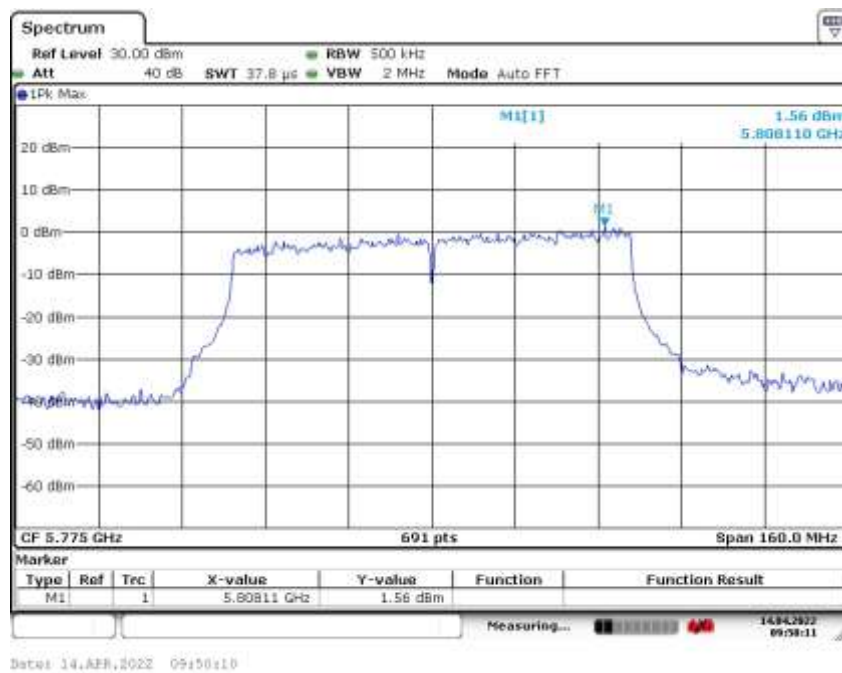
Report No.: AAEMT/EMC/220321-06-03

Channel: 159



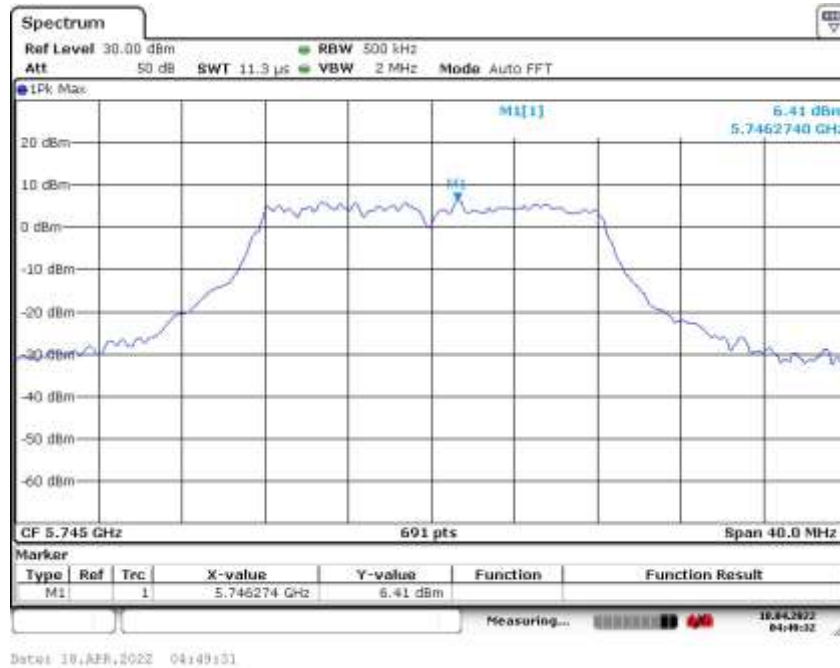
802.11ax80

Channel: 155

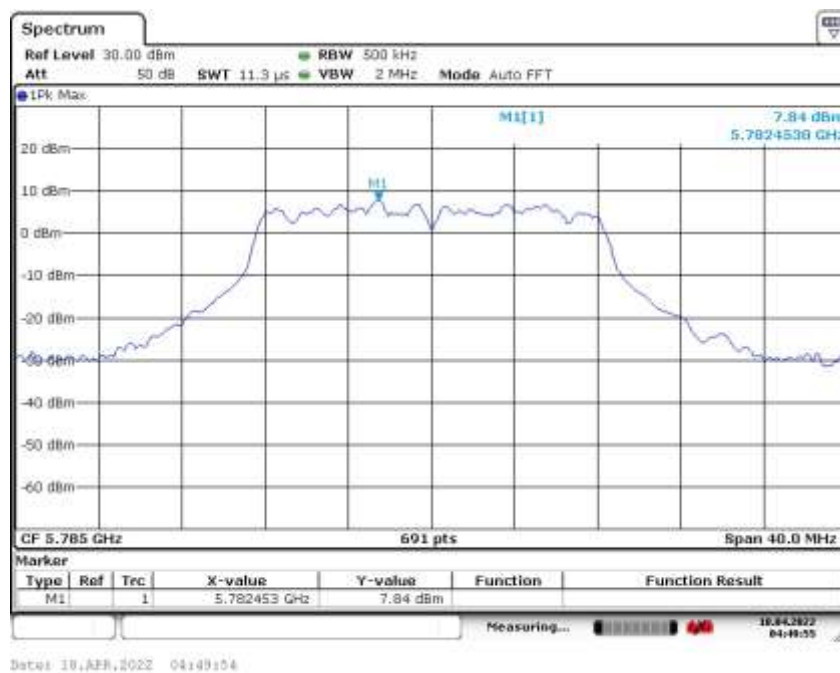


Test plots as followed: 5GHZ_5

802.11a
Channel: 149

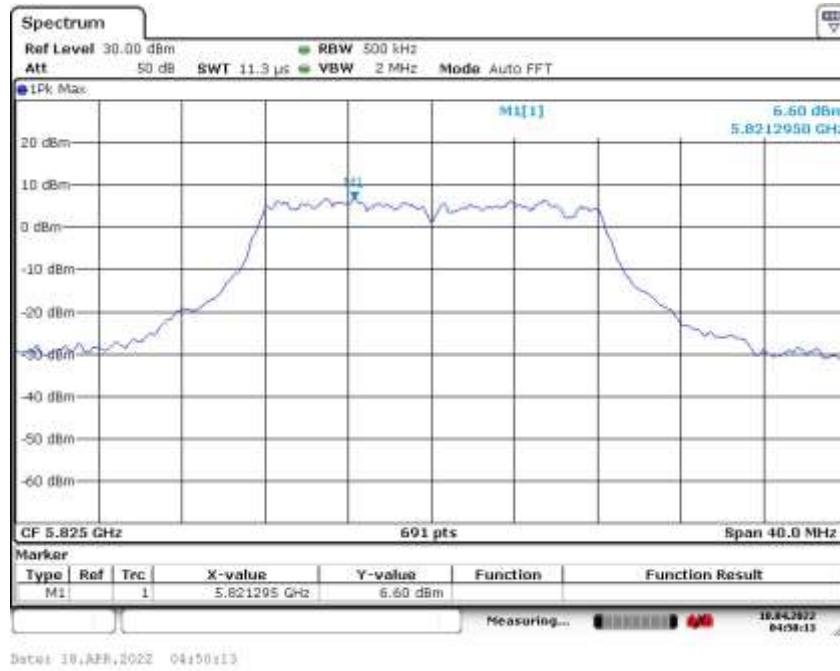


Channel: 157



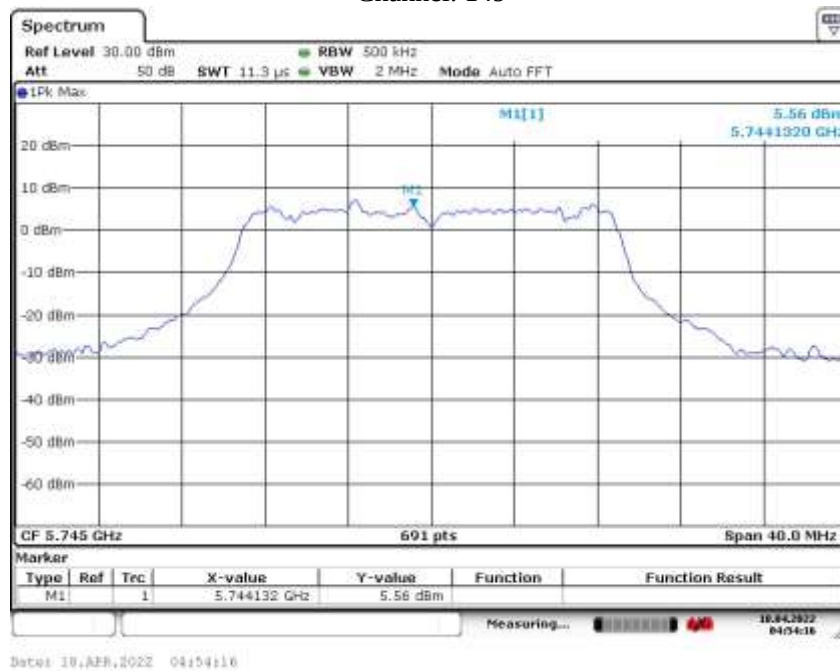
Report No.: AAEMT/EMC/220321-06-03

Channel: 165

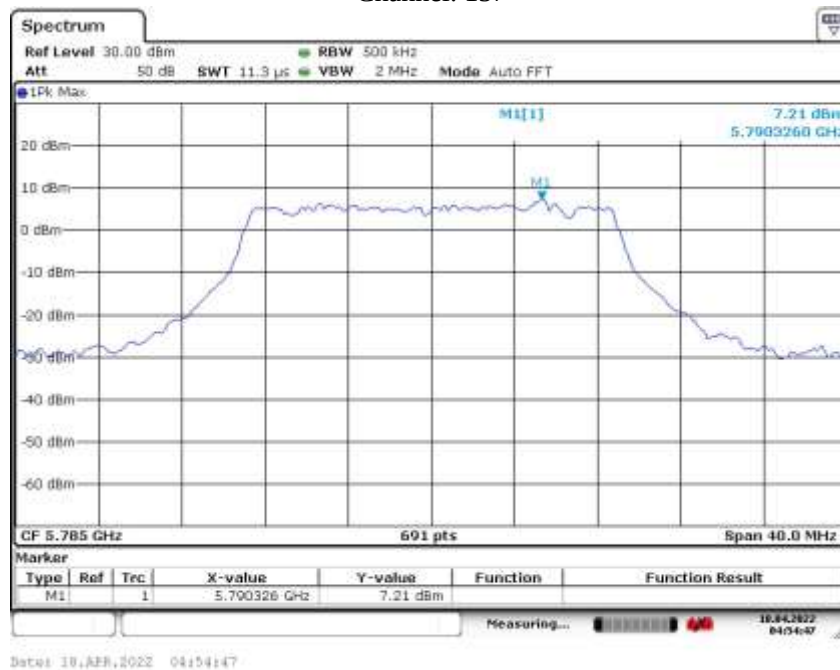


Report No.: AAEMT/EMC/220321-06-03

802.11n20
Channel: 149

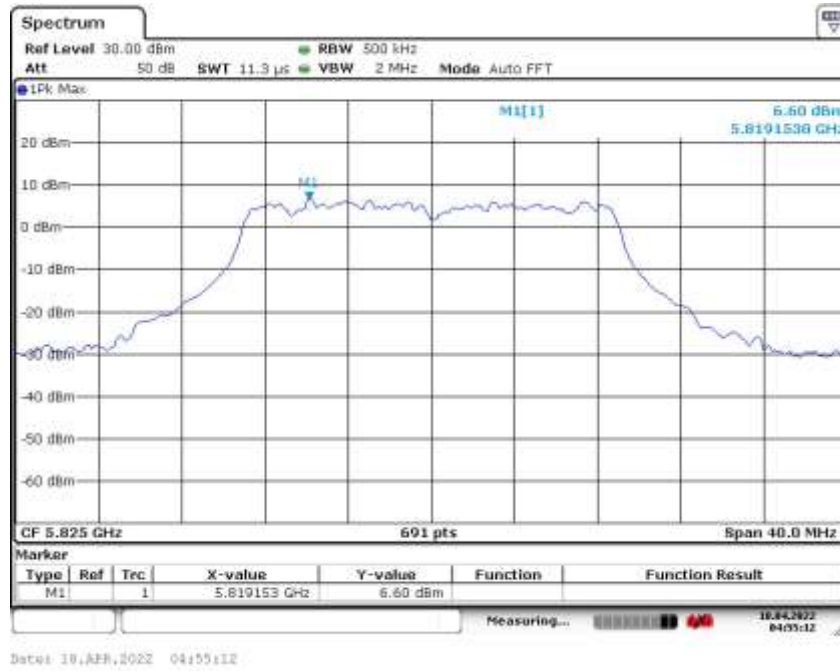


Channel: 157



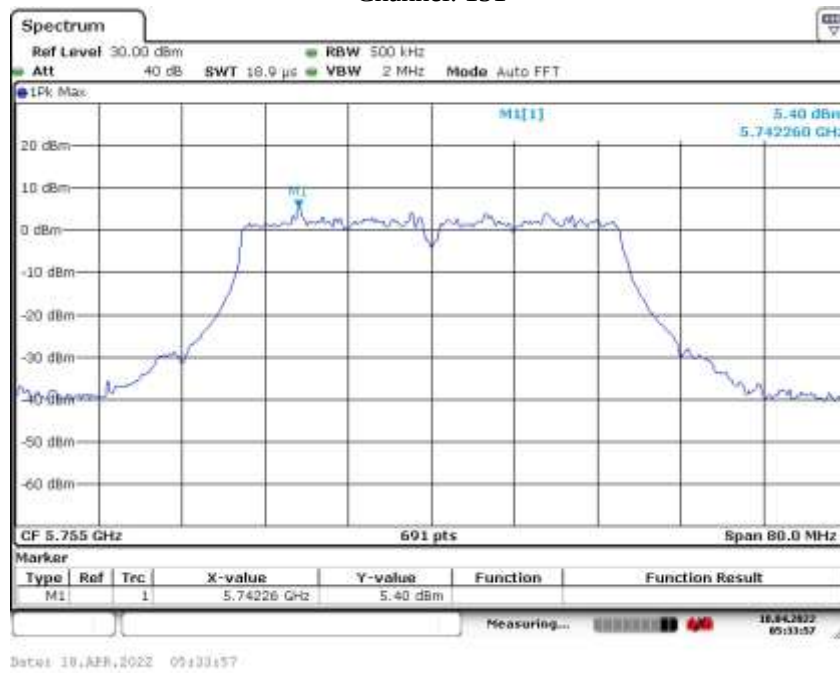
Report No.: AAEMT/EMC/220321-06-03

Channel: 165

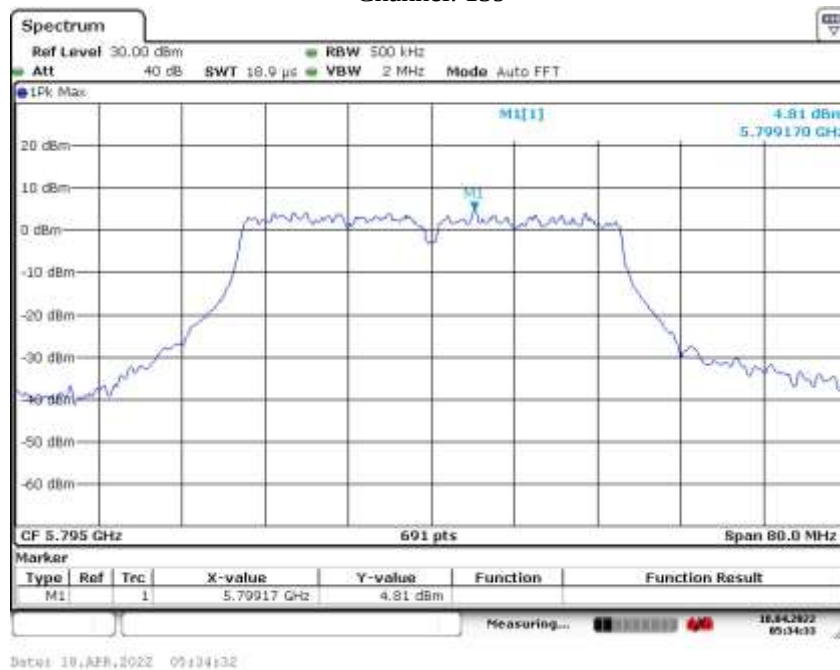


Report No.: AAEMT/EMC/220321-06-03

802.11n40
Channel: 151

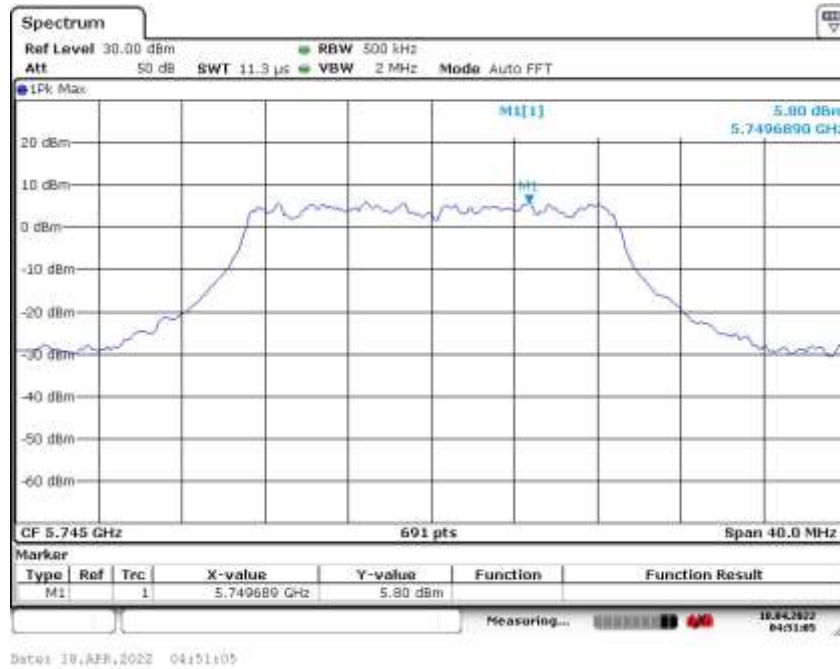


Channel: 159

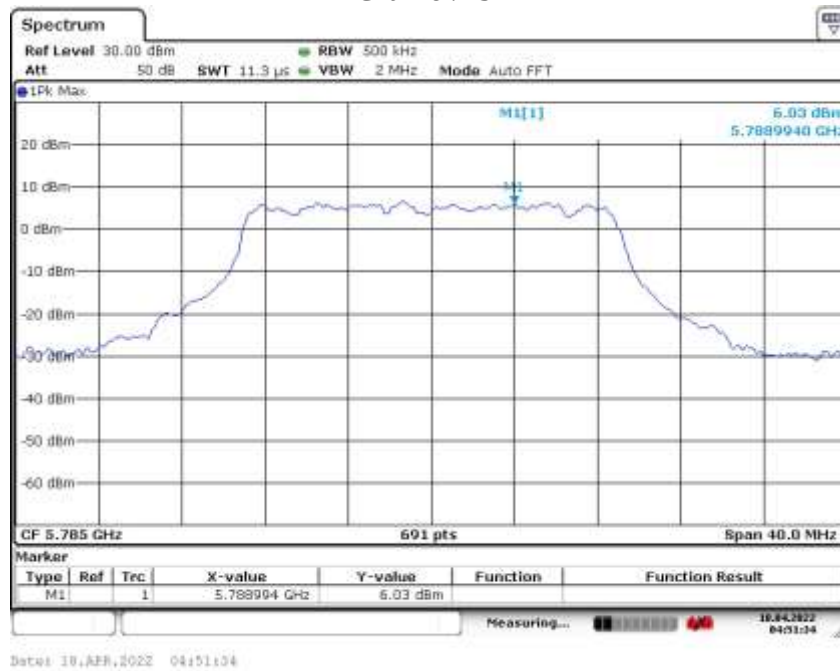


Report No.: AAEMT/EMC/220321-06-03

802.11ac20
Channel: 149

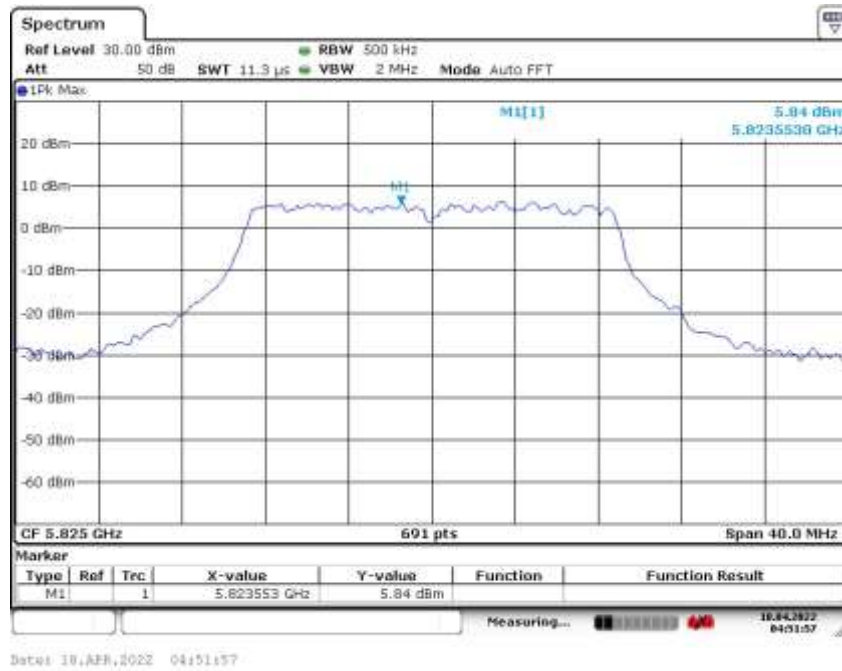


Channel: 157

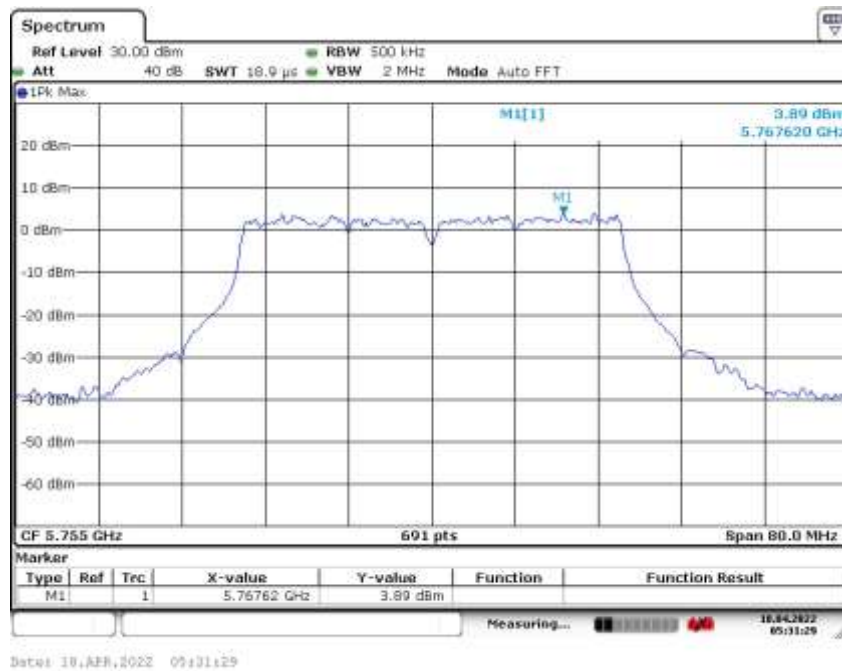


Report No.: AAEMT/EMC/220321-06-03

Channel: 165

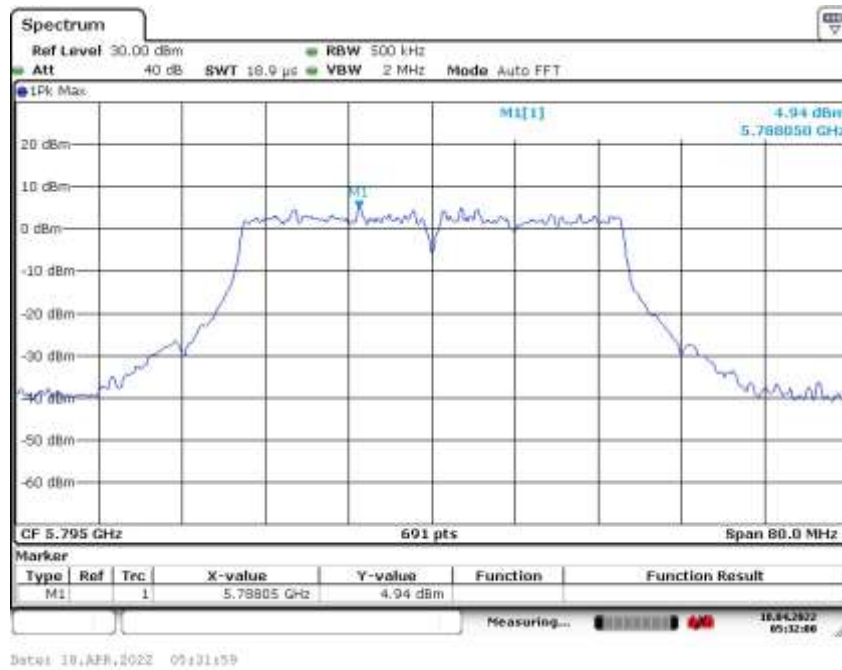


802.11ac40
Channel: 151



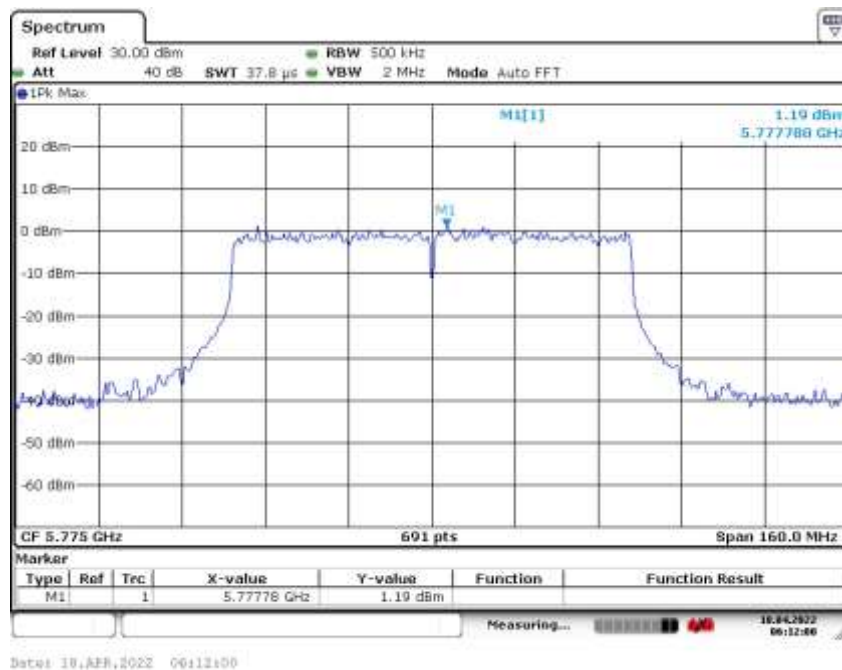
Report No.: AAEMT/EMC/220321-06-03

Channel: 159



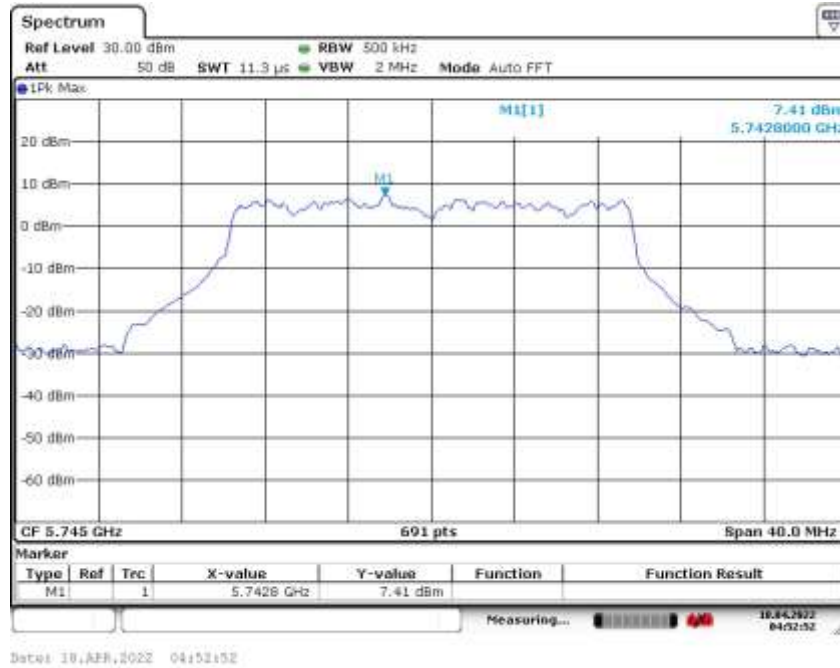
802.11ac80

Channel: 155

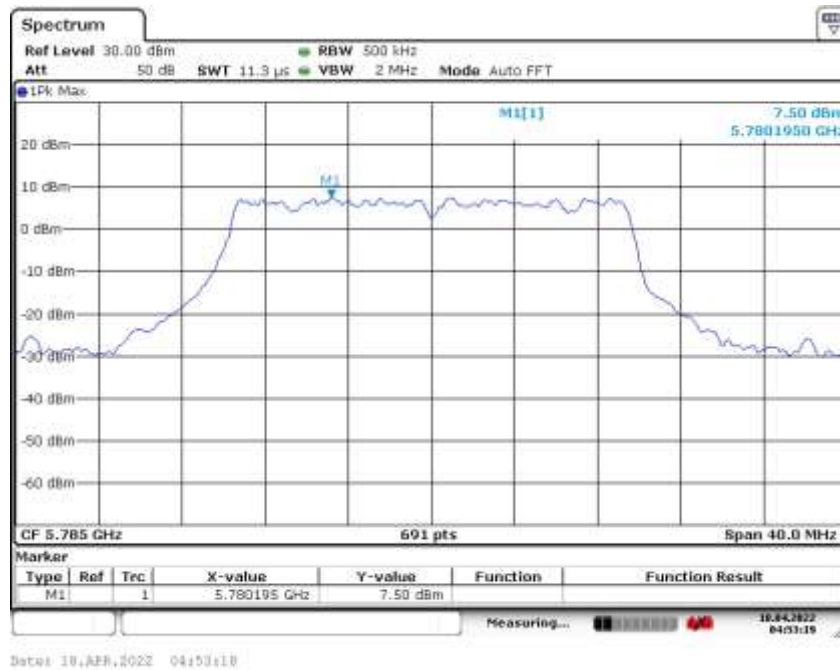


Report No.: AAEMT/EMC/220321-06-03

802.11ax20
Channel: 149

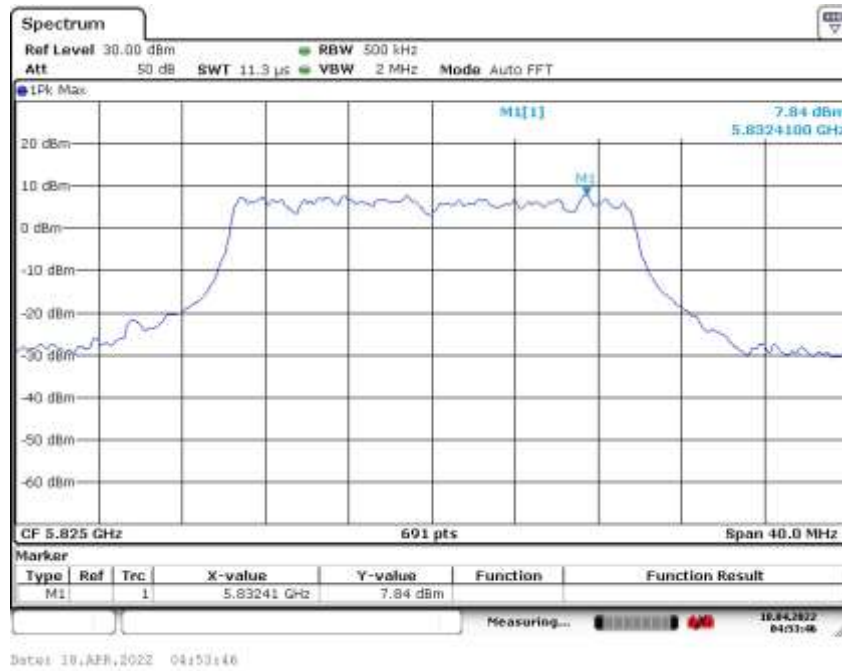


Channel: 157



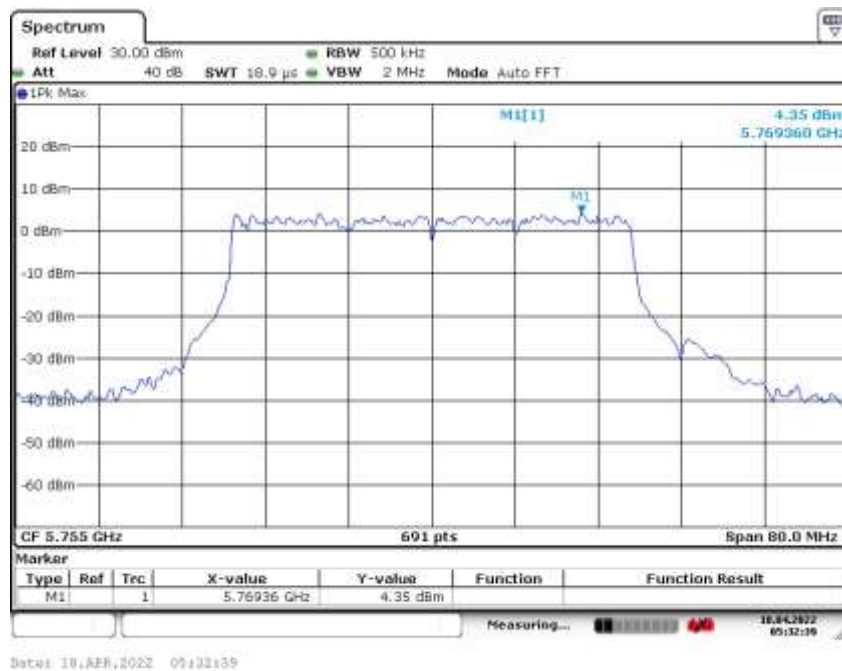
Report No.: AAEMT/EMC/220321-06-03

Channel: 165



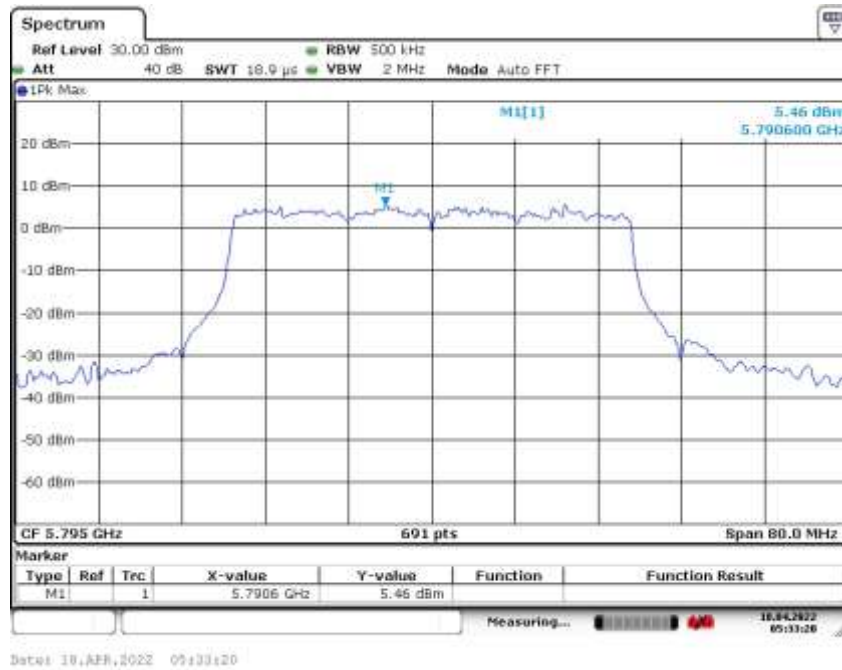
802.11ax40

Channel: 151



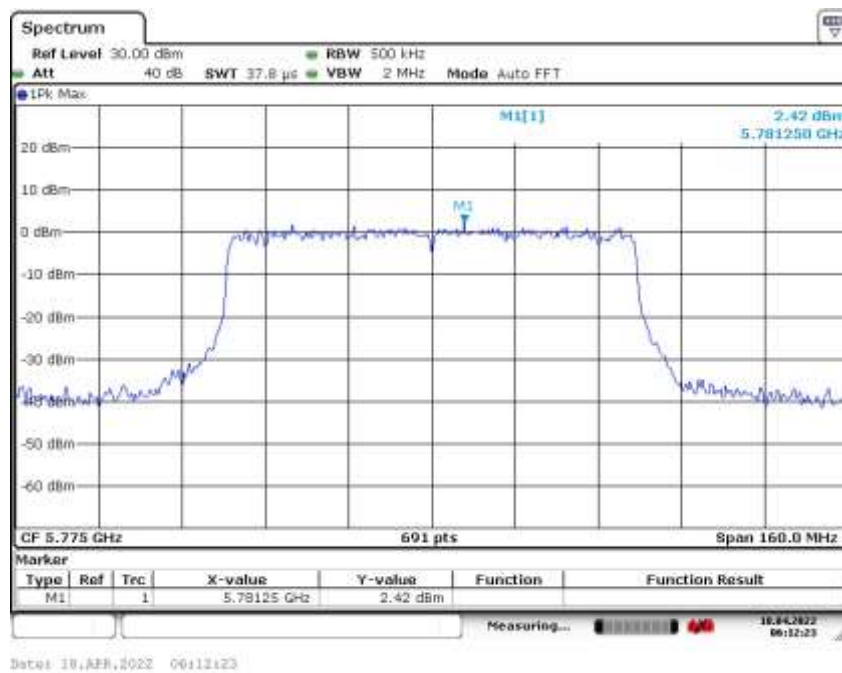
Report No.: AAEMT/EMC/220321-06-03

Channel: 159



802.11ax80

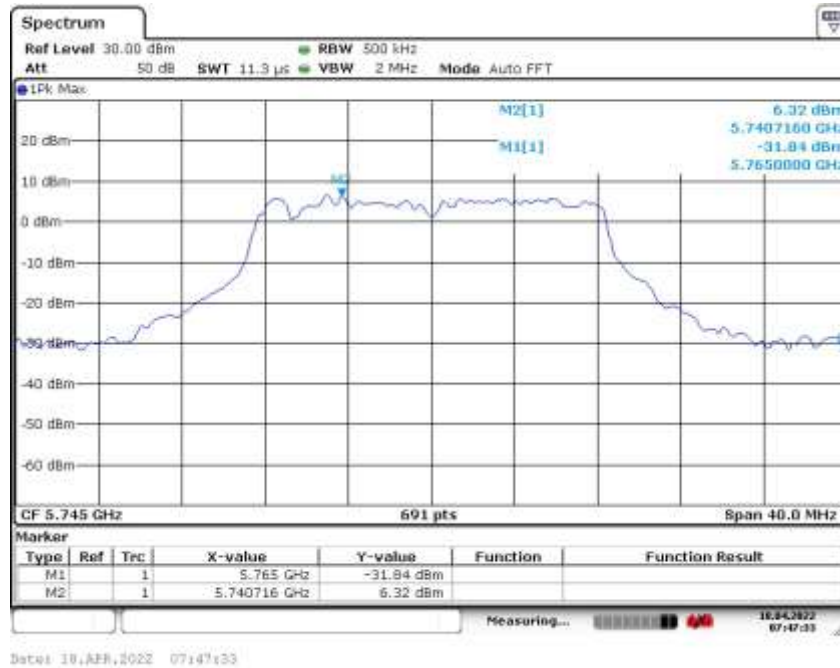
Channel: 155



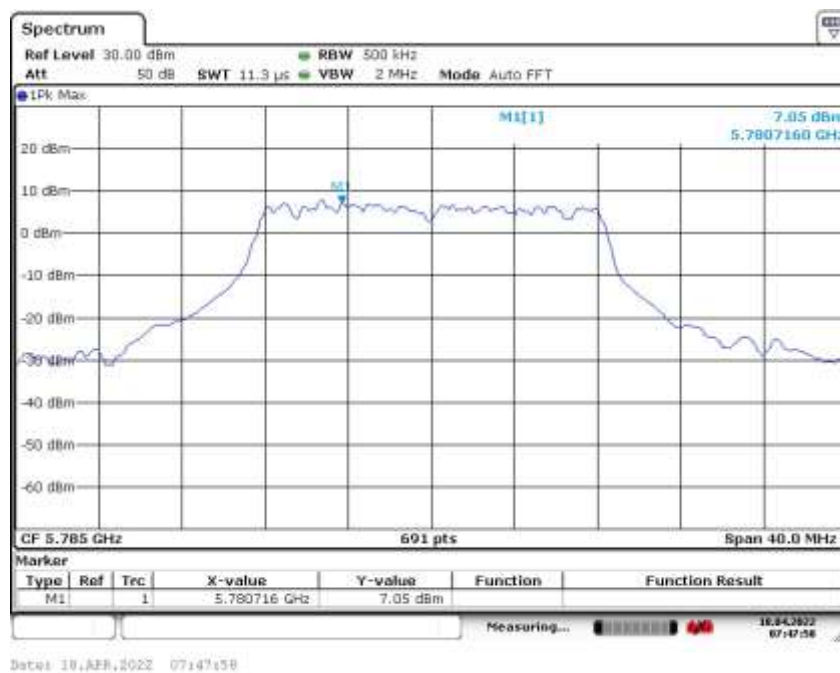
Report No.: AAEMT/EMC/220321-06-03

Test plots as followed: 5GHZ_6

802.11a
Channel: 149

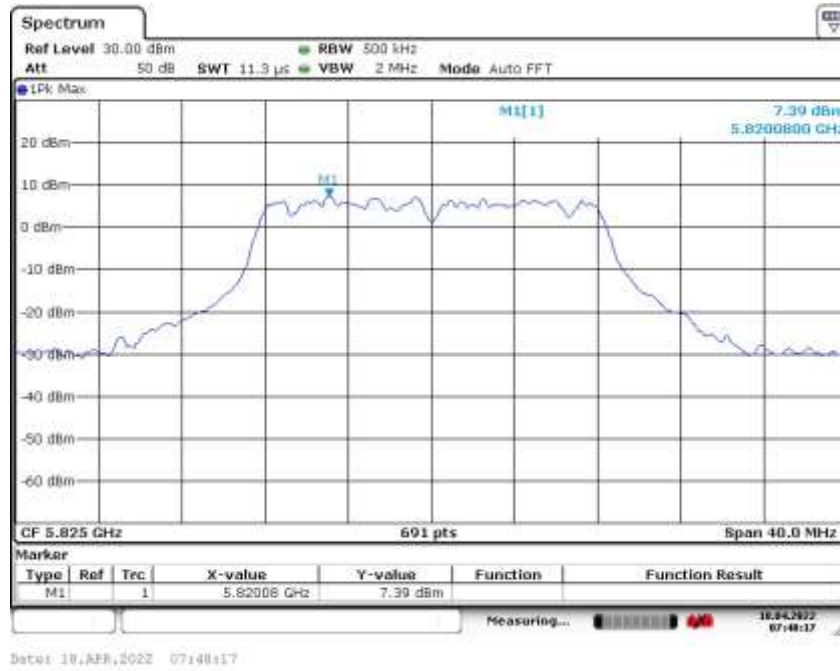


Channel: 157



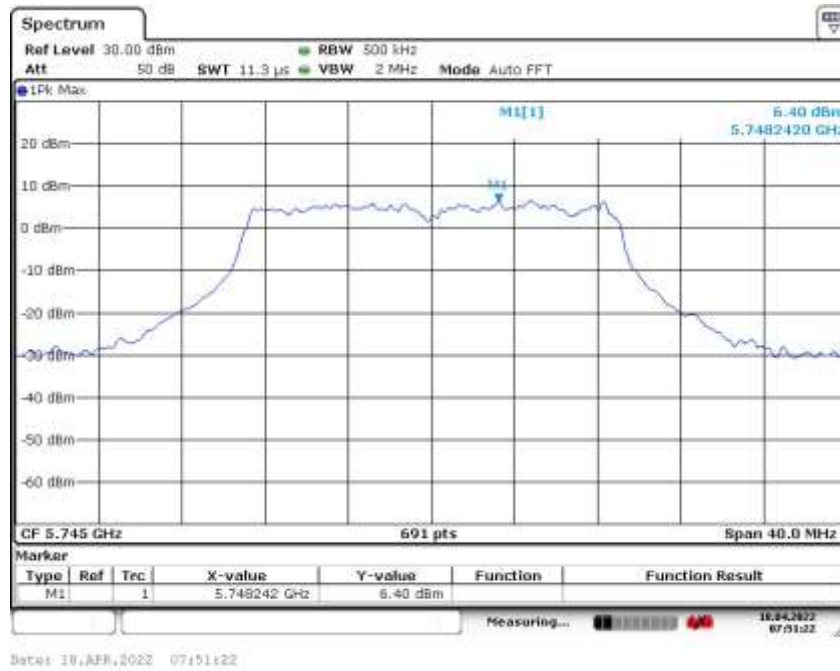
Report No.: AAEMT/EMC/220321-06-03

Channel: 165

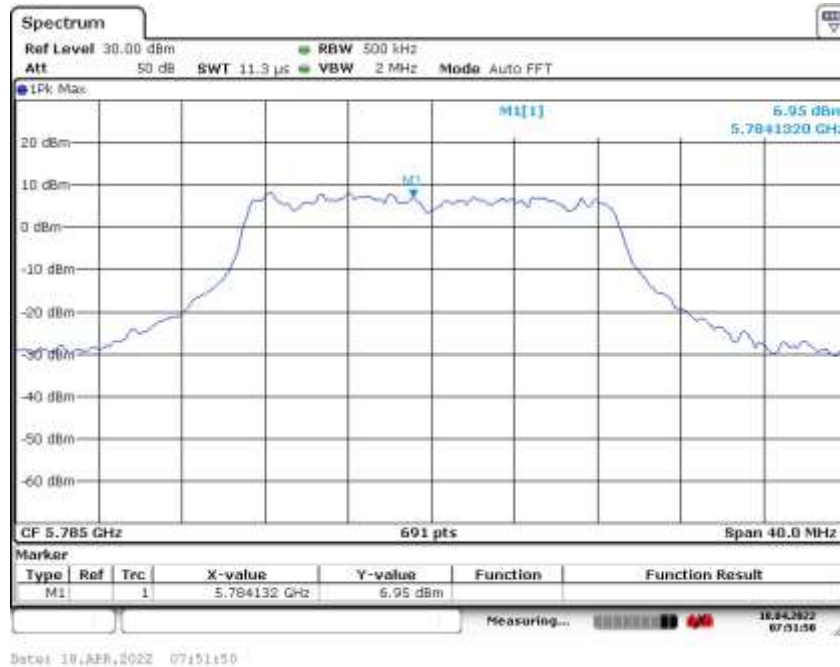


Report No.: AAEMT/EMC/220321-06-03

802.11n20
Channel: 149

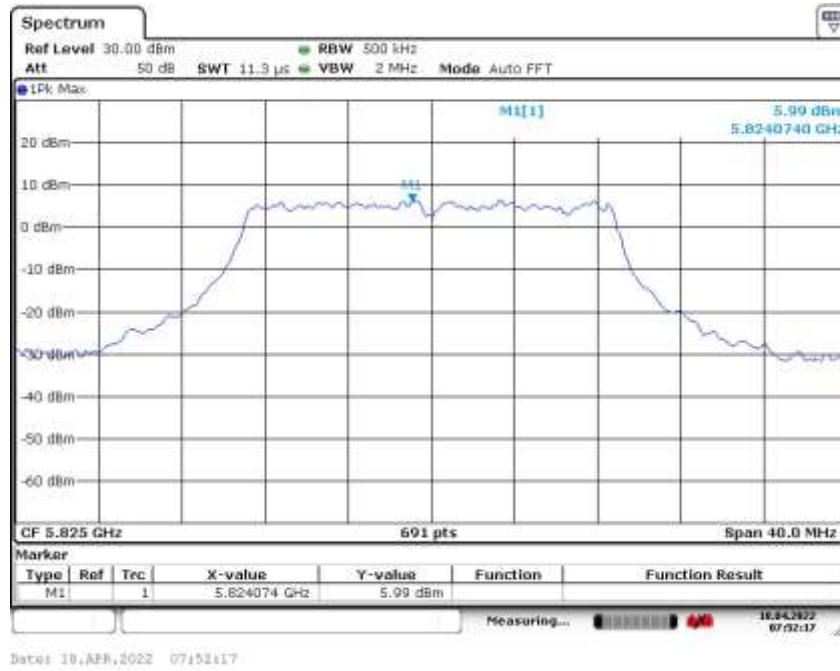


Channel: 157



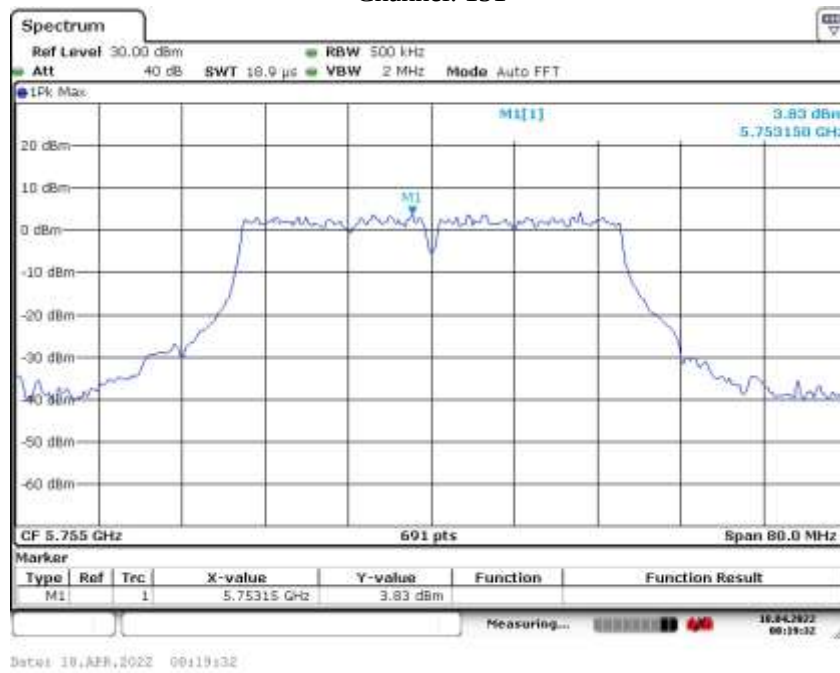
Report No.: AAEMT/EMC/220321-06-03

Channel: 165

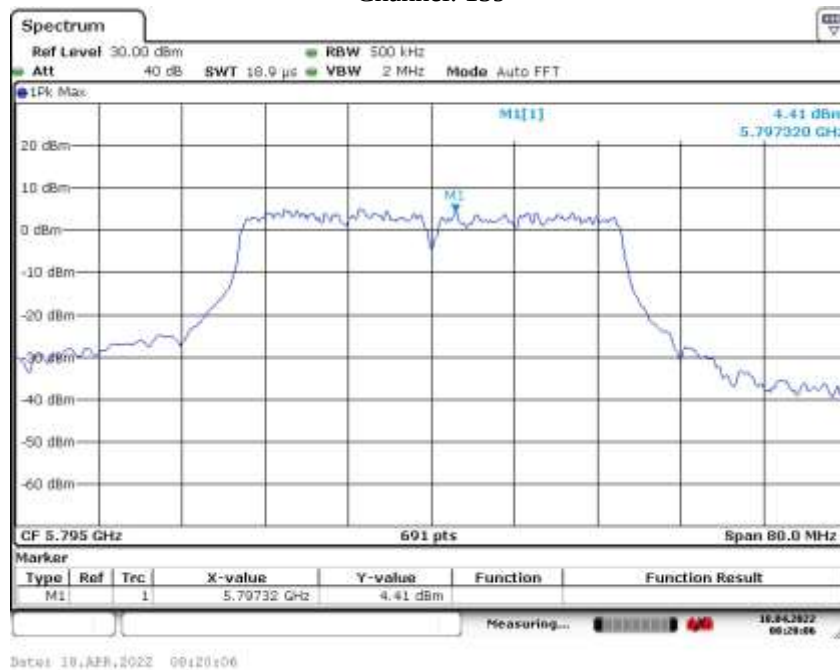


Report No.: AAEMT/EMC/220321-06-03

802.11n40
Channel: 151

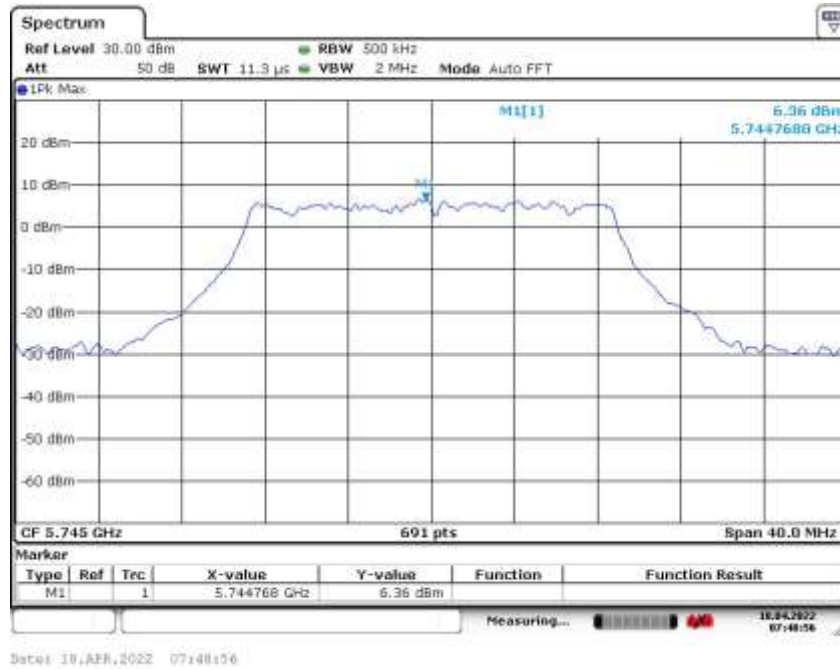


Channel: 159

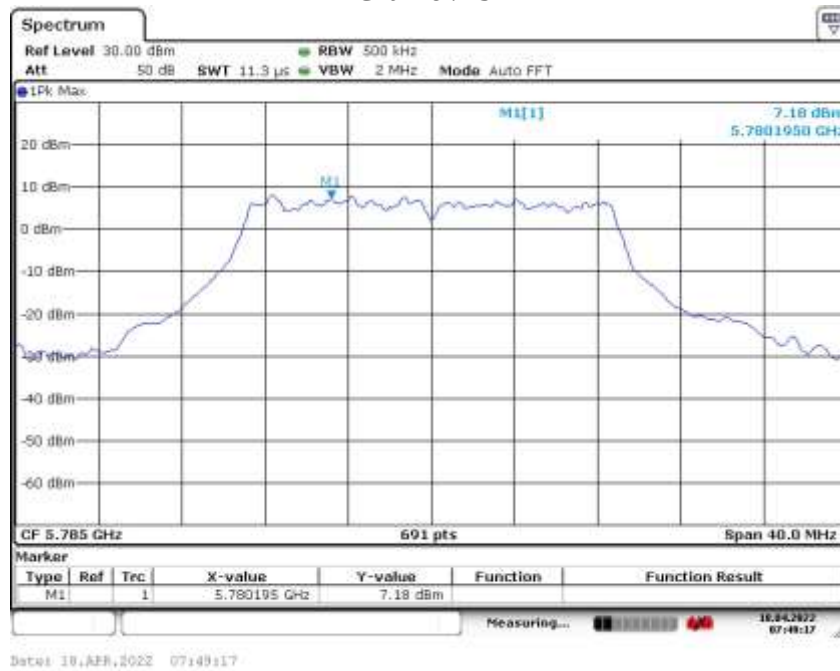


Report No.: AAEMT/EMC/220321-06-03

802.11ac20
Channel: 149

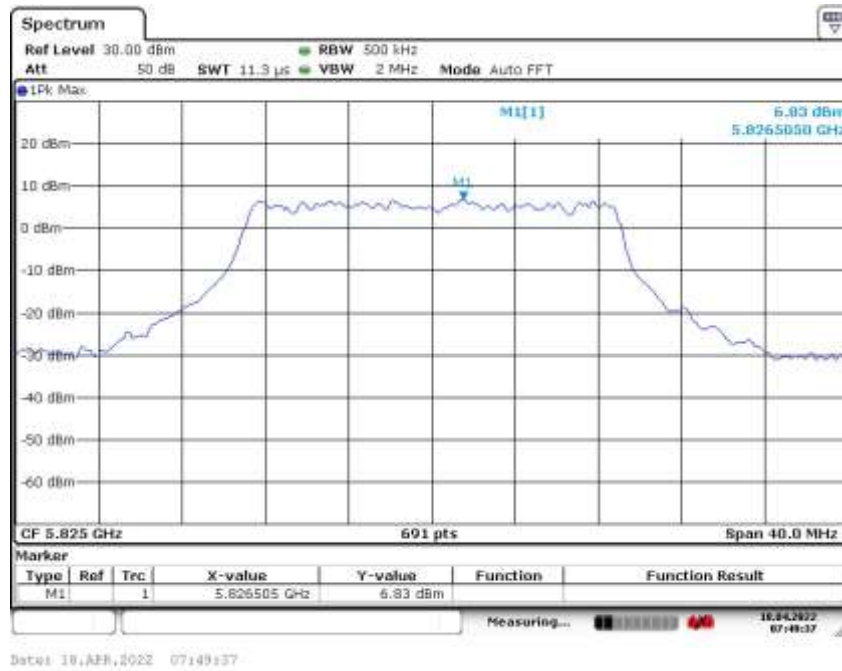


Channel: 157

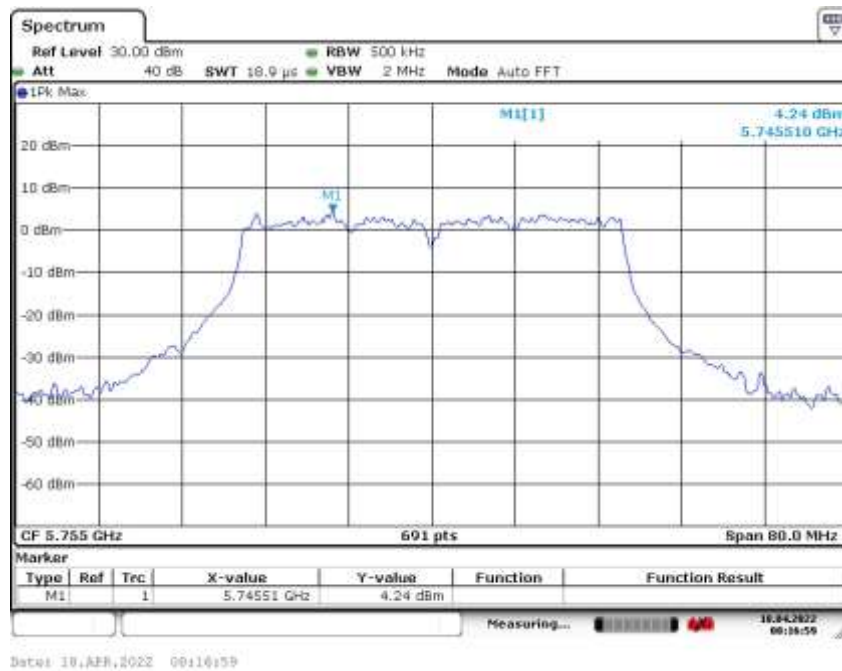


Report No.: AAEMT/EMC/220321-06-03

Channel: 165

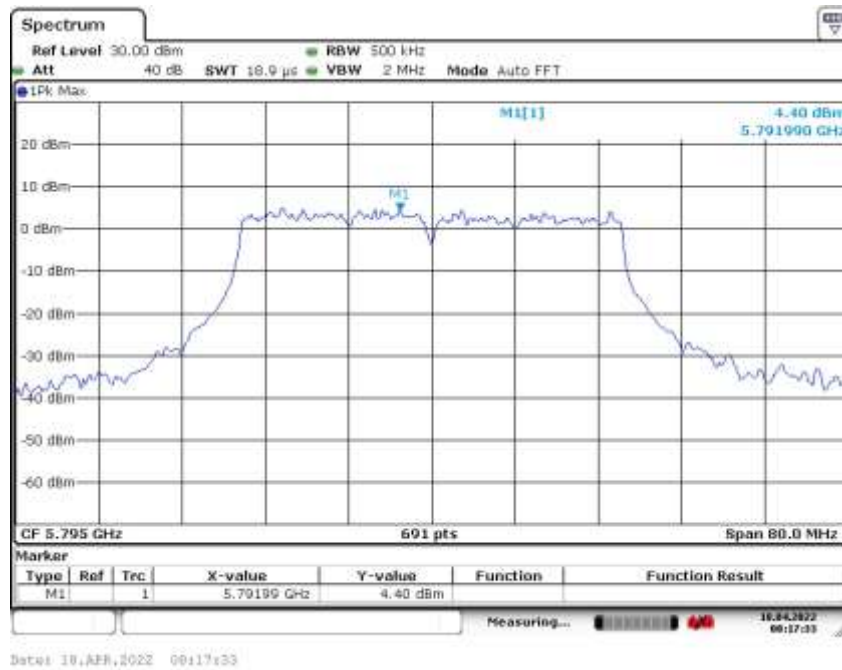


802.11ac40
 Channel: 151



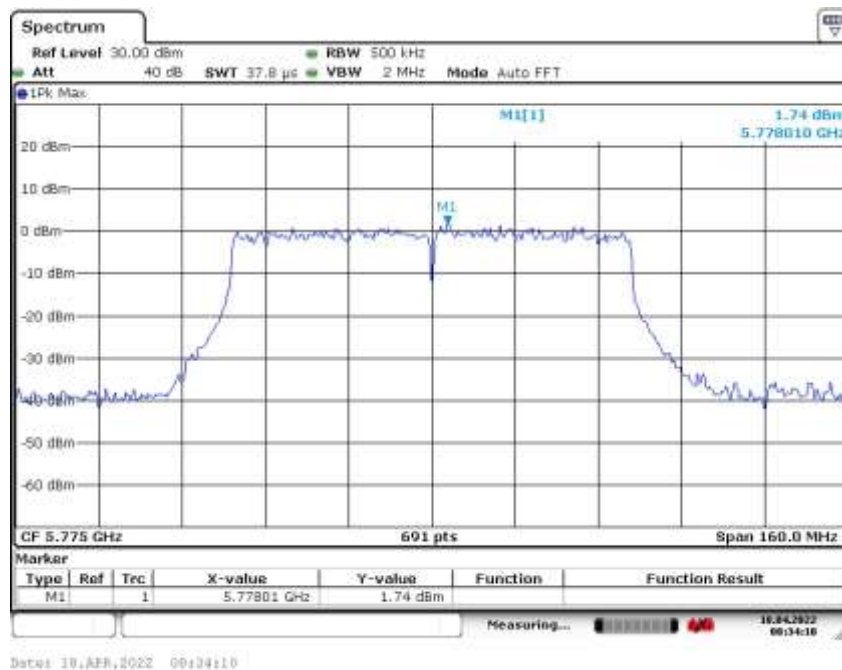
Report No.: AAEMT/EMC/220321-06-03

Channel: 159



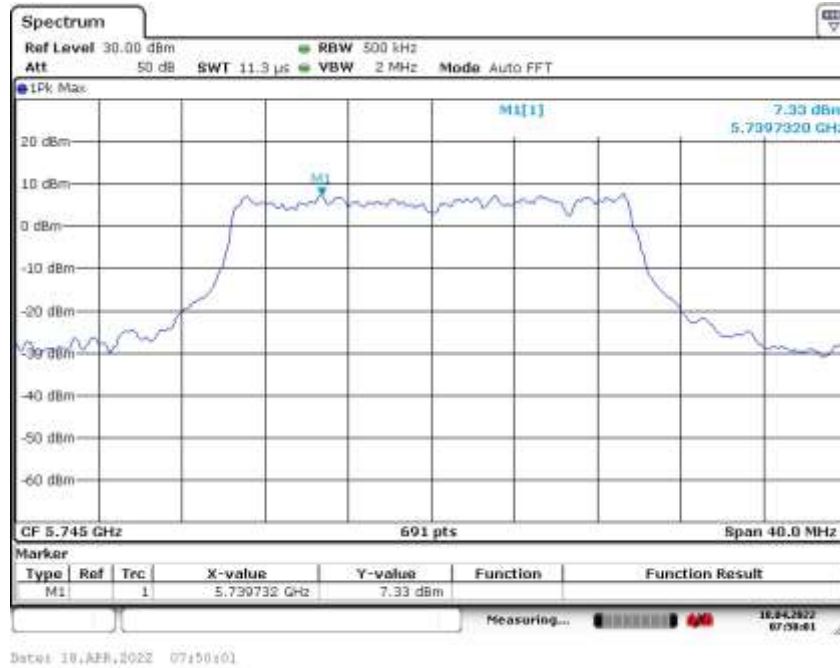
802.11ac80

Channel: 155

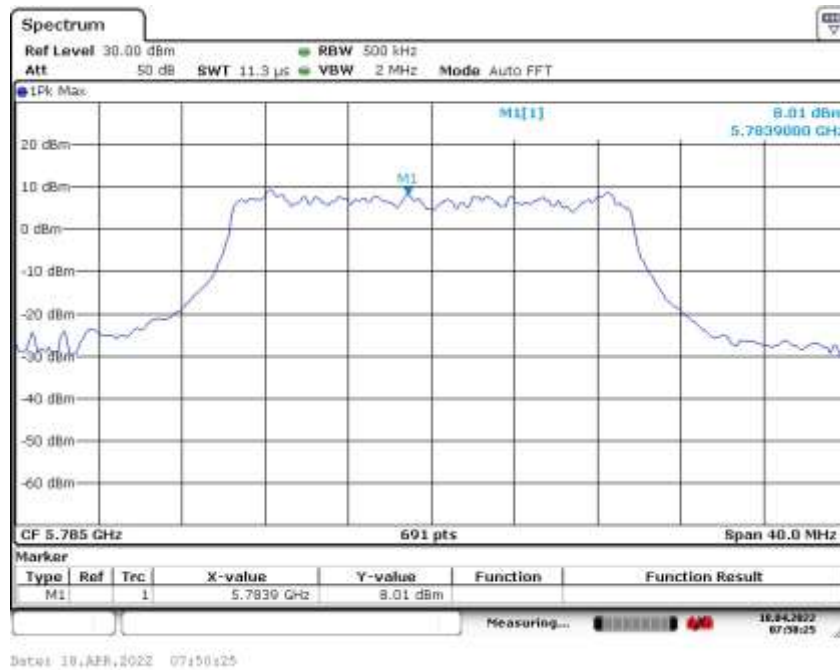


Report No.: AAEMT/EMC/220321-06-03

802.11ax20
Channel: 149

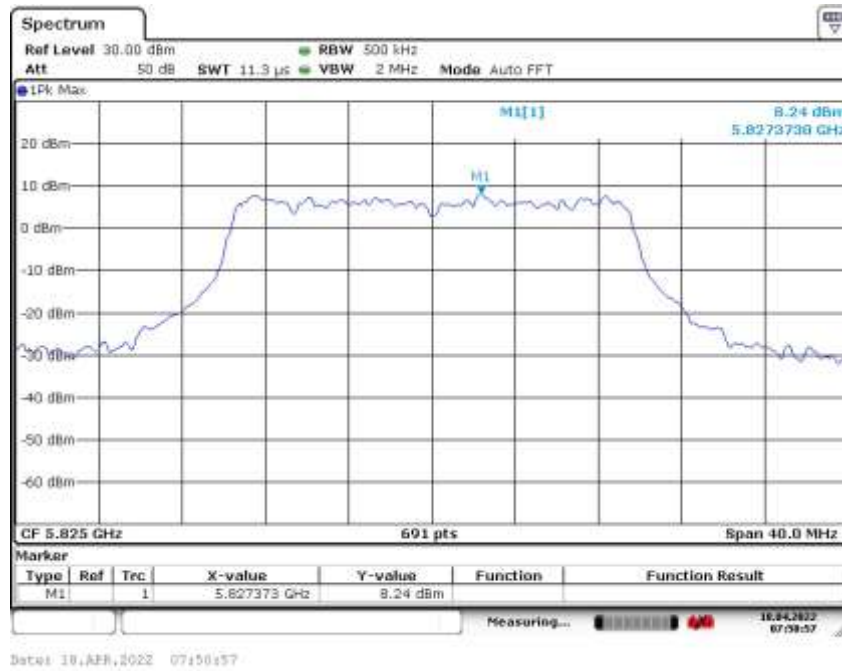


Channel: 157



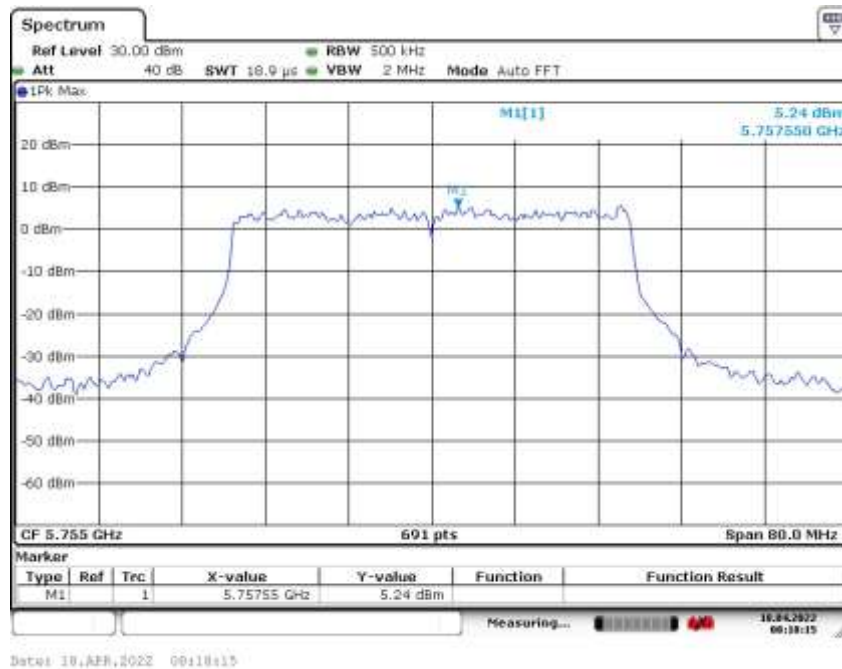
Report No.: AAEMT/EMC/220321-06-03

Channel: 165



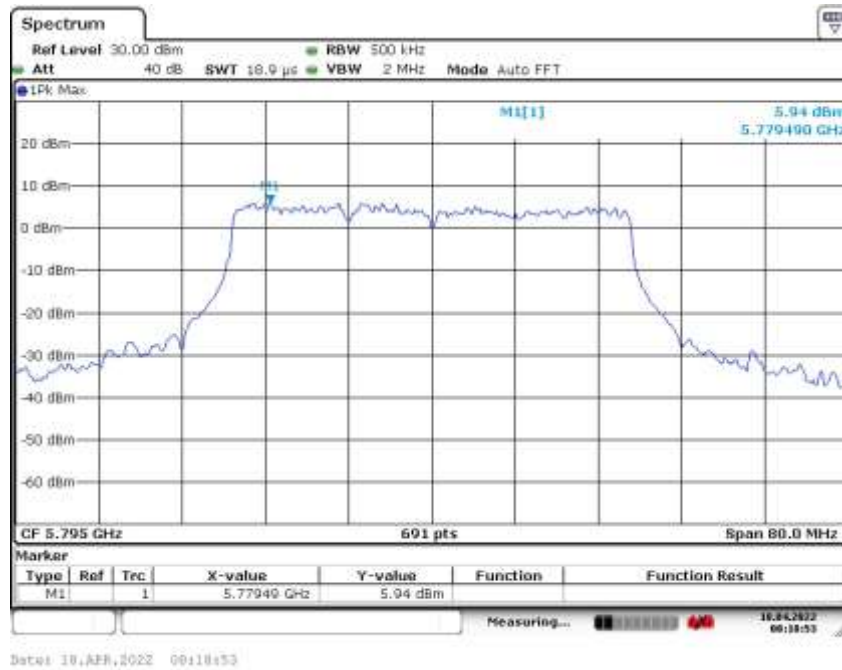
802.11ax40

Channel: 151



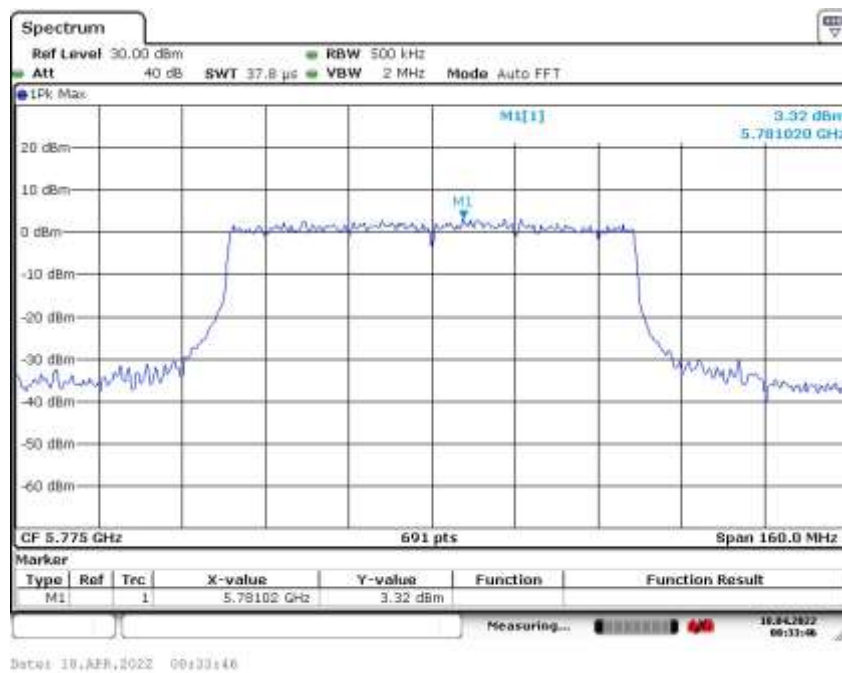
Report No.: AAEMT/EMC/220321-06-03

Channel: 159



802.11ax80

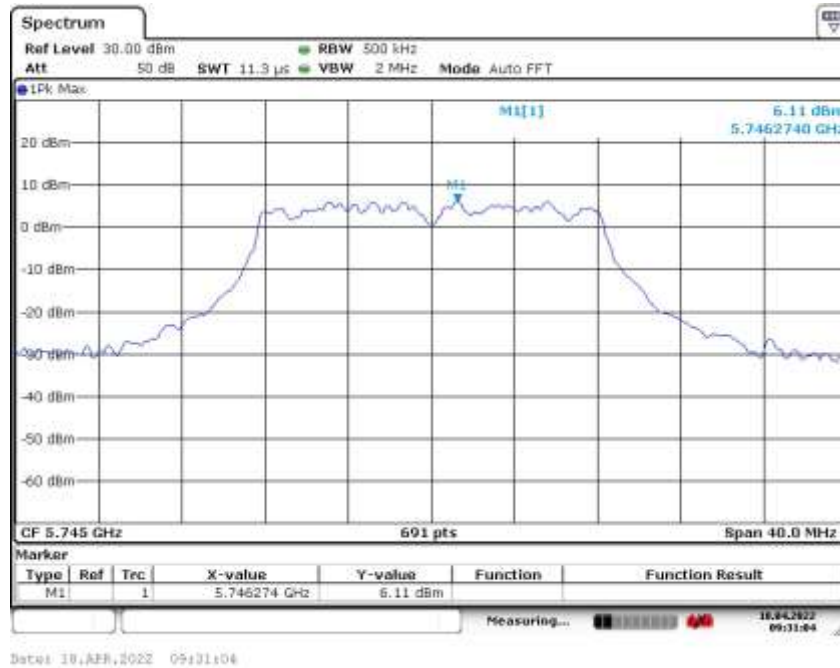
Channel: 155



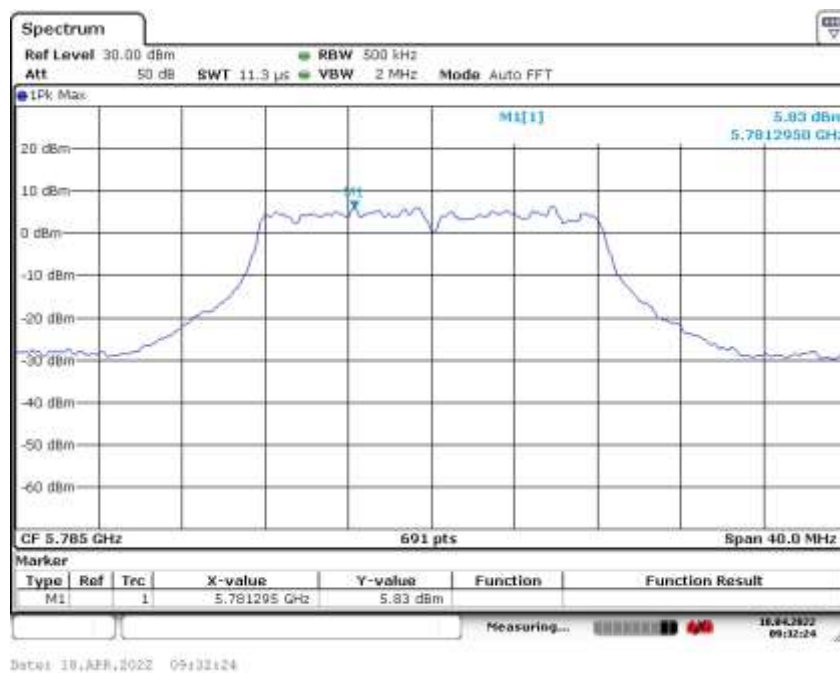
Report No.: AAEMT/EMC/220321-06-03

Test plots as followed: 5GHZ_7

802.11a
Channel: 149

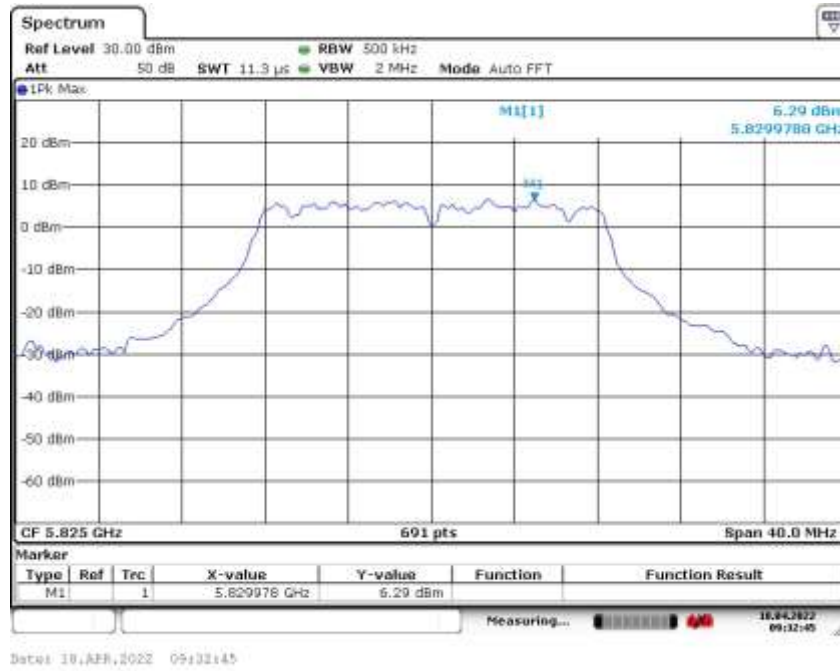


Channel: 157



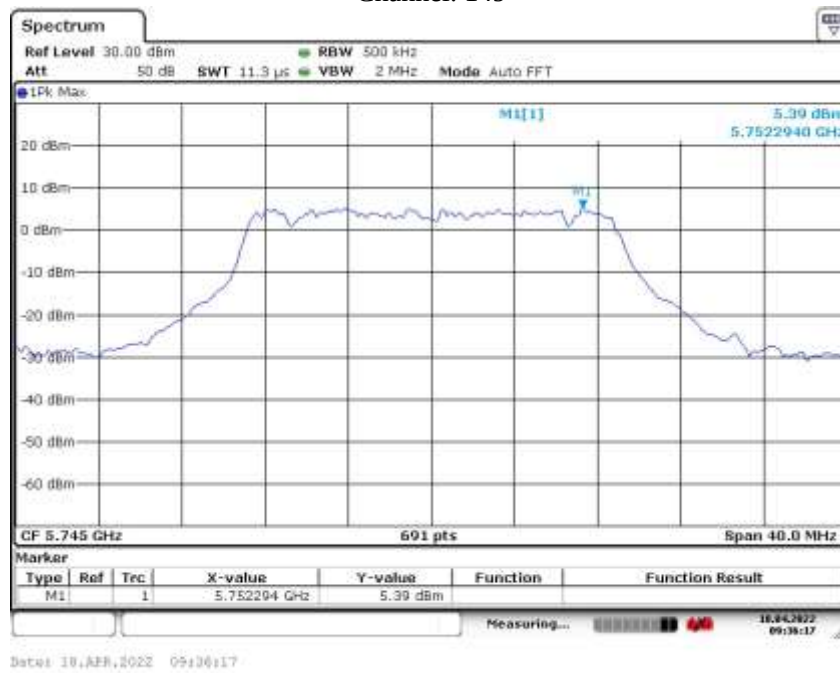
Report No.: AAEMT/EMC/220321-06-03

Channel: 165

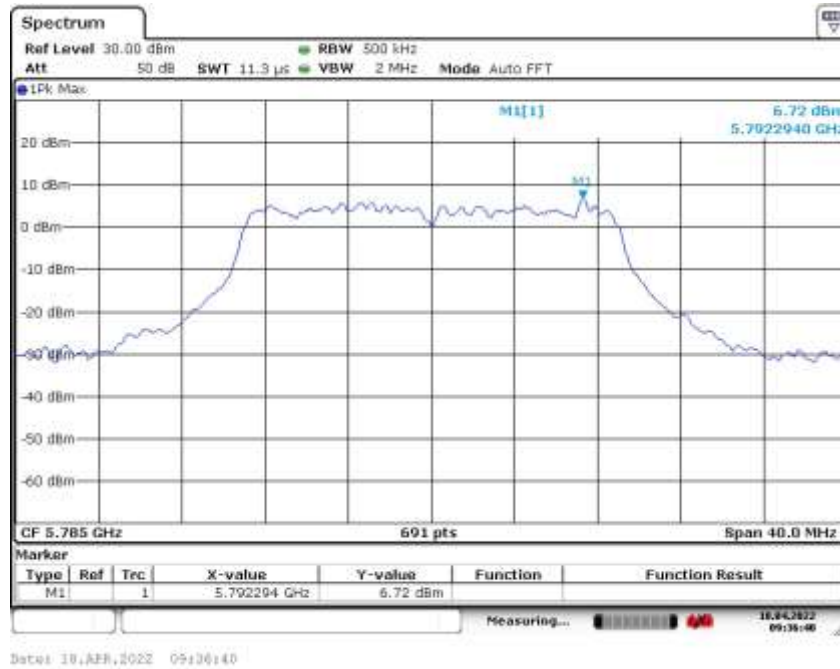


Report No.: AAEMT/EMC/220321-06-03

802.11n20
Channel: 149

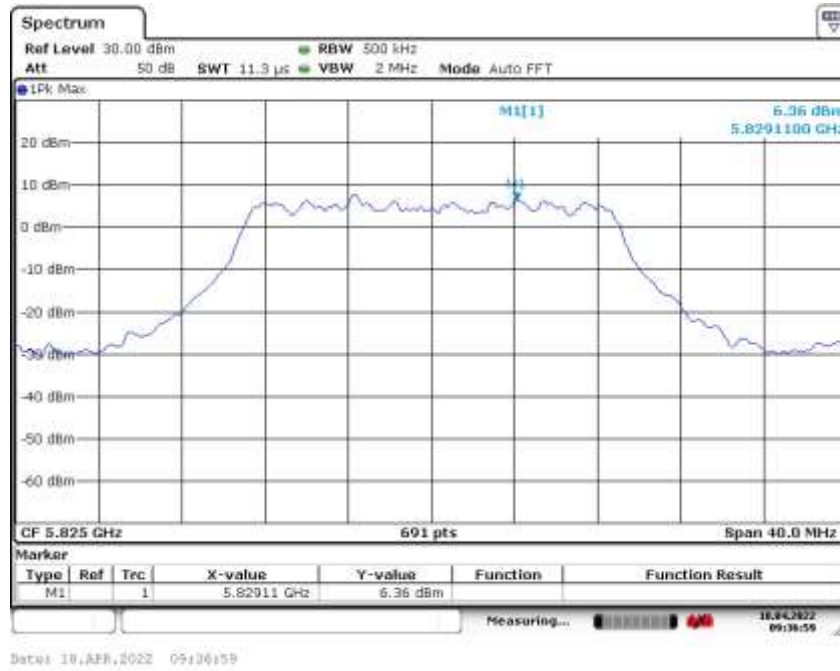


Channel: 157



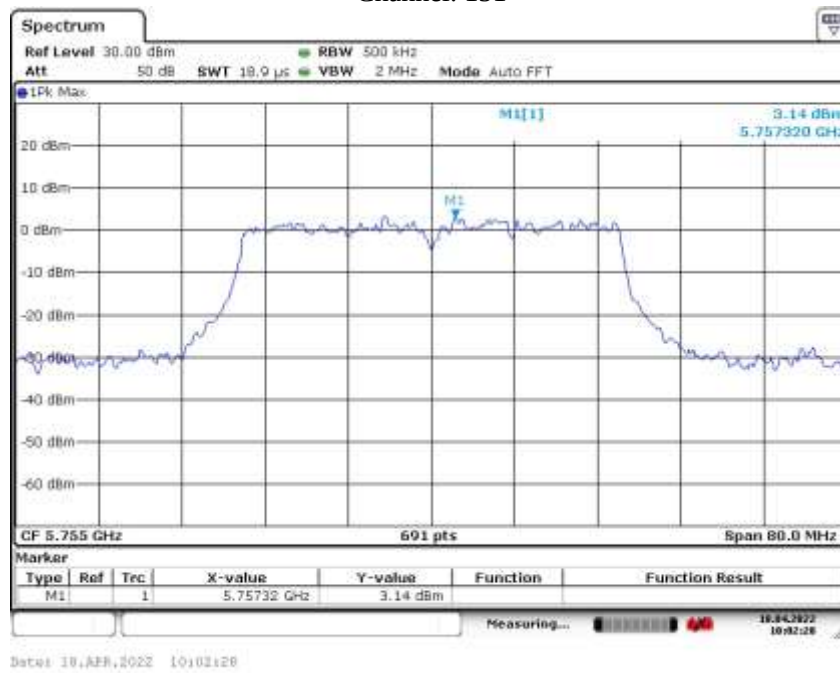
Report No.: AAEMT/EMC/220321-06-03

Channel: 165

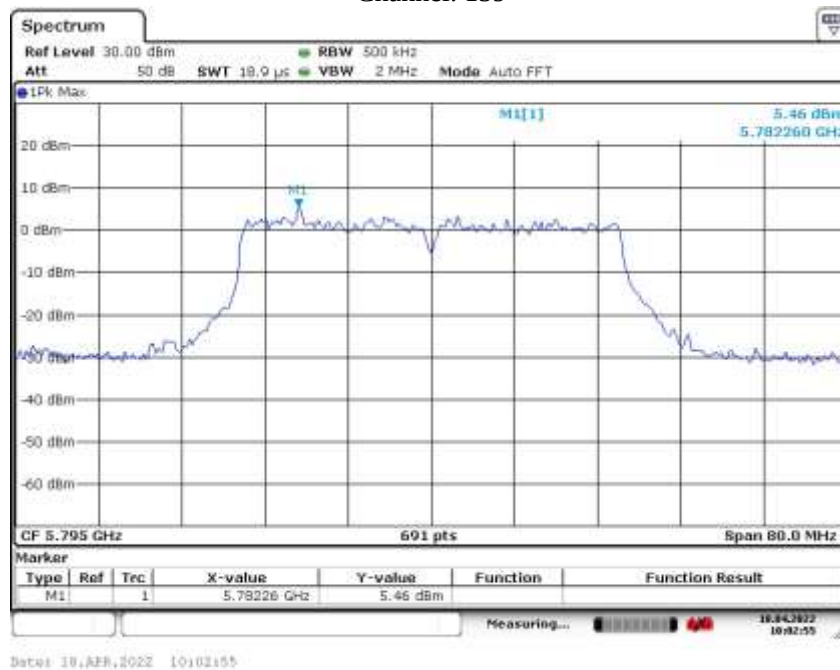


Report No.: AAEMT/EMC/220321-06-03

802.11n40
Channel: 151

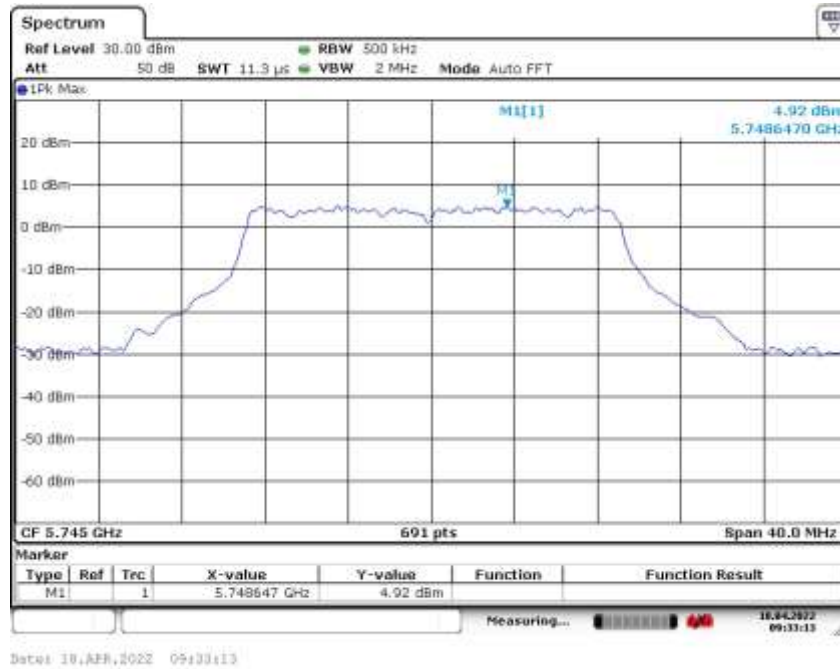


Channel: 159

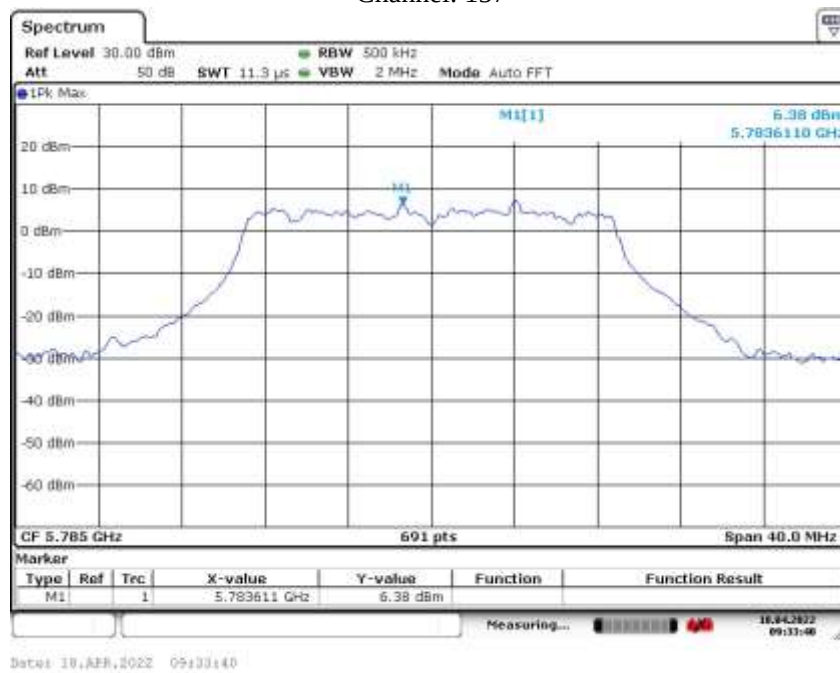


Report No.: AAEMT/EMC/220321-06-03

802.11ac20
Channel: 149

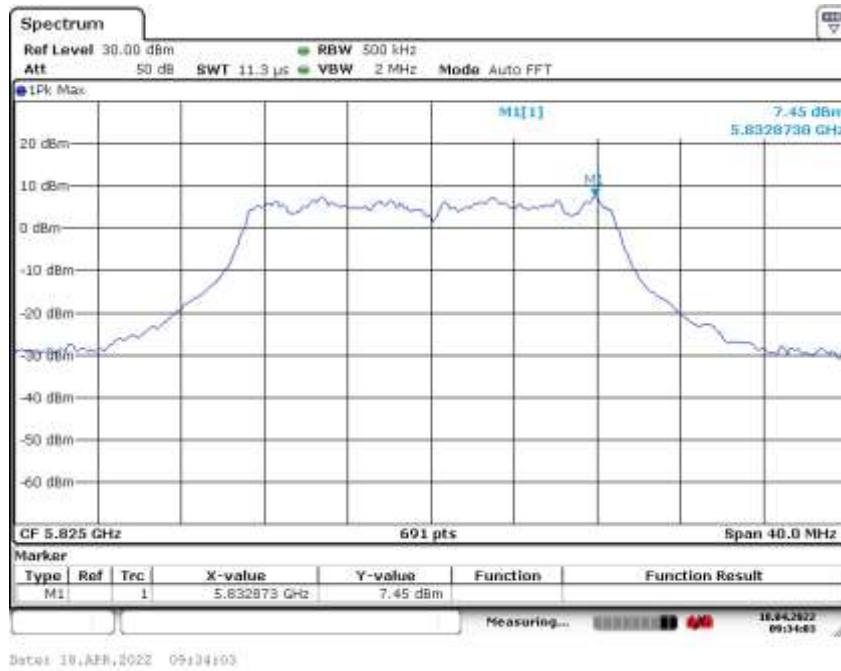


Channel: 157

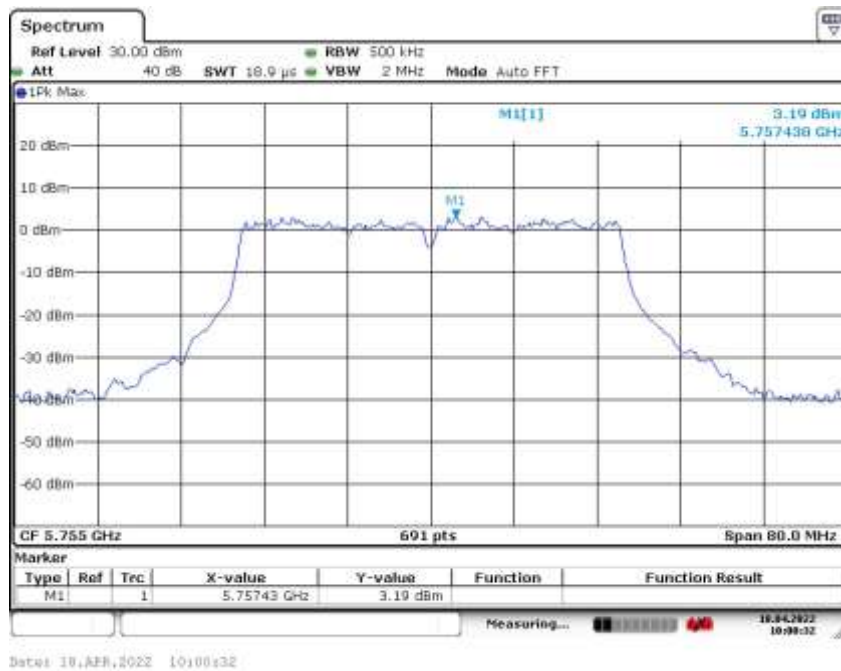


Report No.: AAEMT/EMC/220321-06-03

Channel: 165

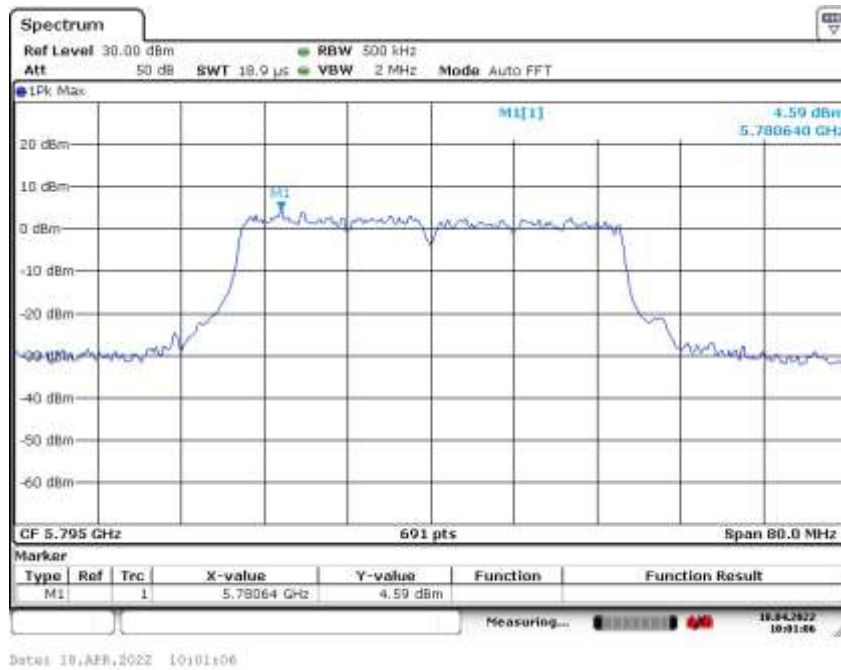


802.11ac40
 Channel: 151



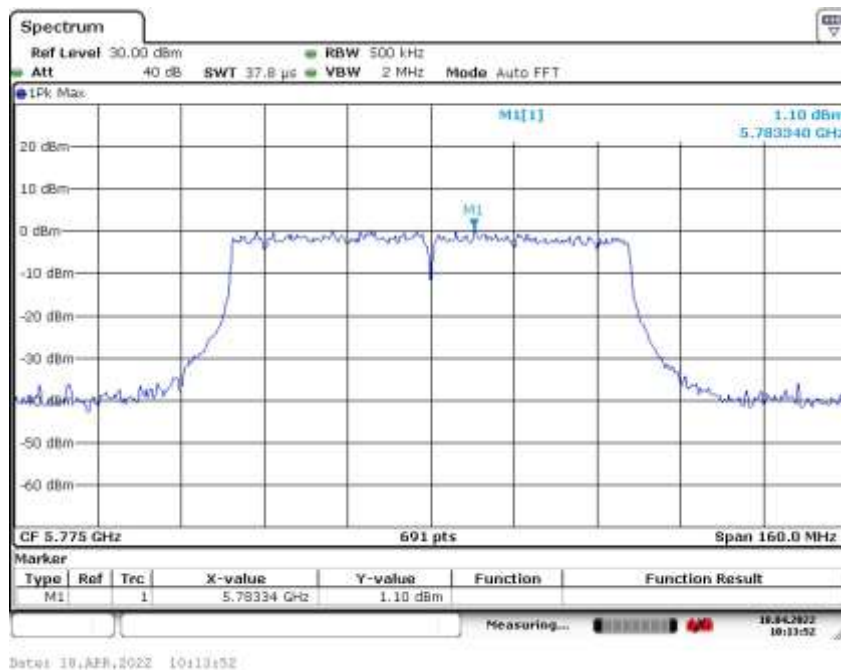
Report No.: AAEMT/EMC/220321-06-03

Channel: 159



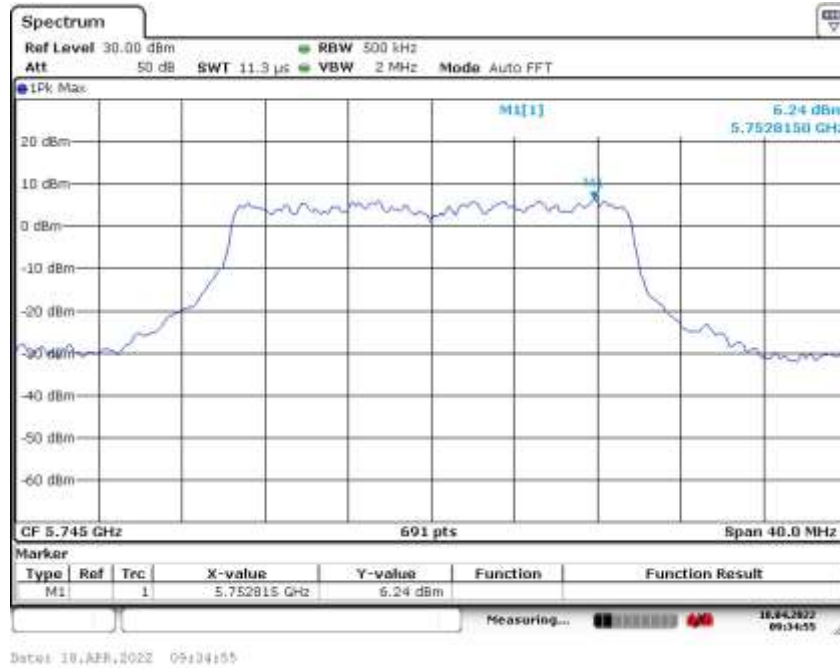
802.11ac80

Channel: 155

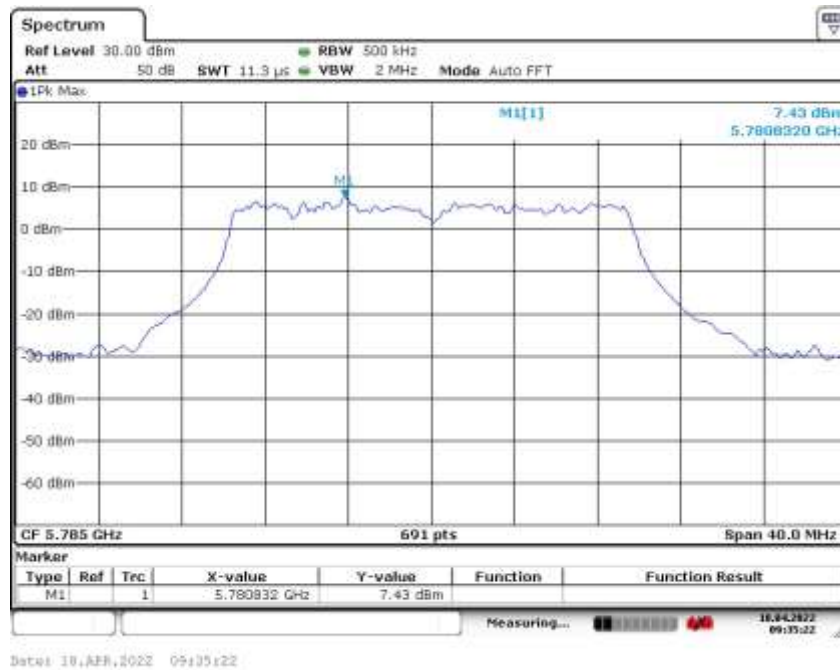


Report No.: AAEMT/EMC/220321-06-03

802.11ax20
Channel: 149

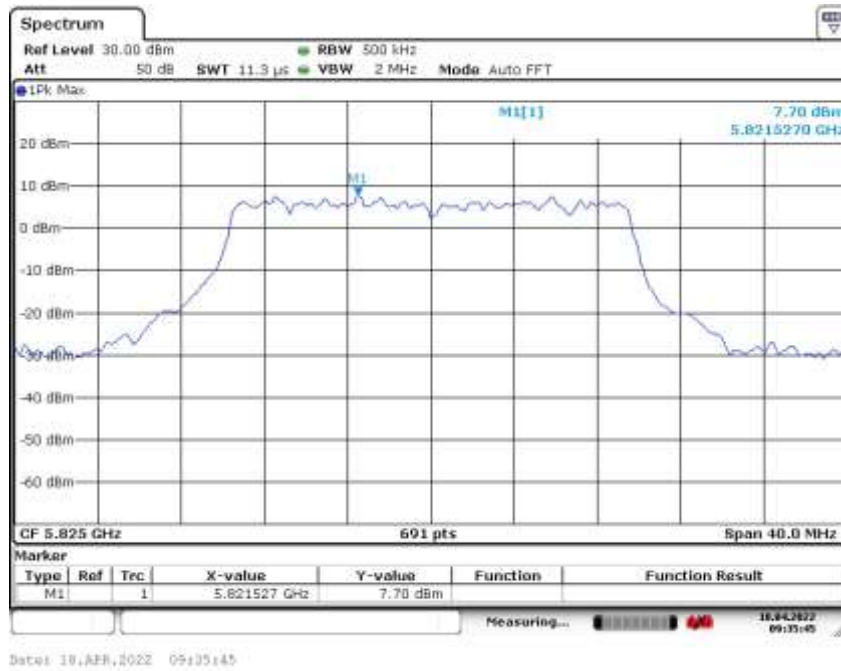


Channel: 157



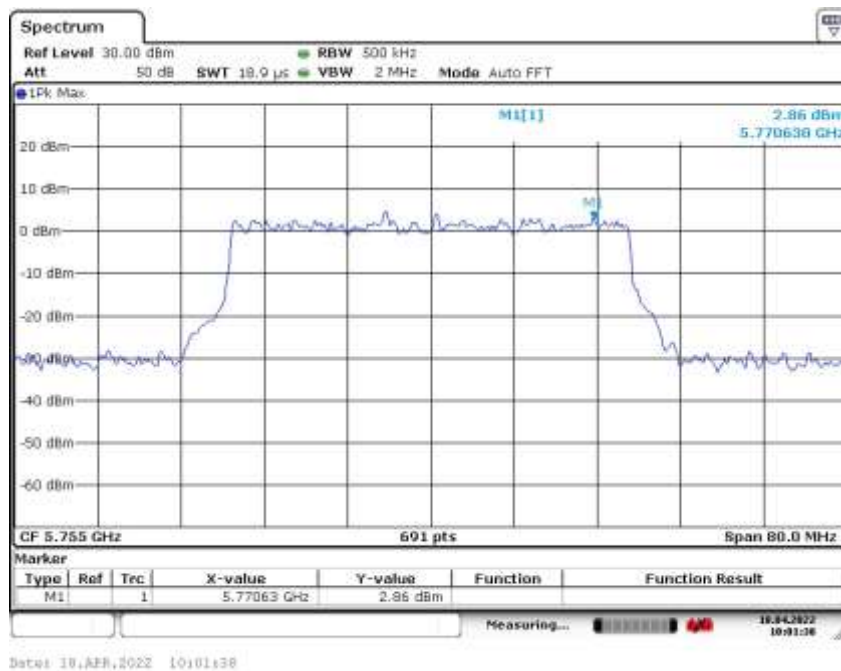
Report No.: AAEMT/EMC/220321-06-03

Channel: 165



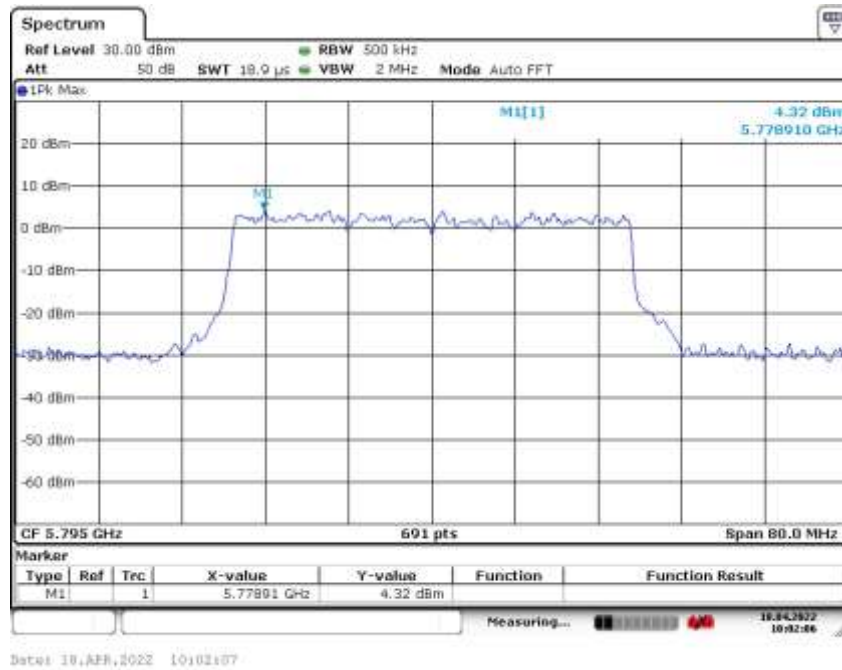
802.11ax40

Channel: 151



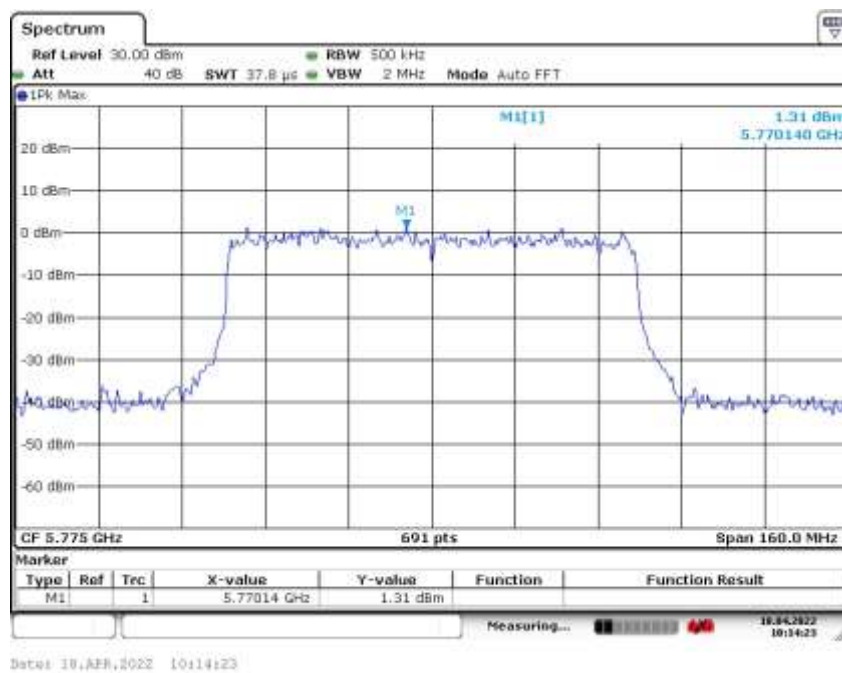
Report No.: AAEMT/EMC/220321-06-03

Channel: 159



802.11ax80

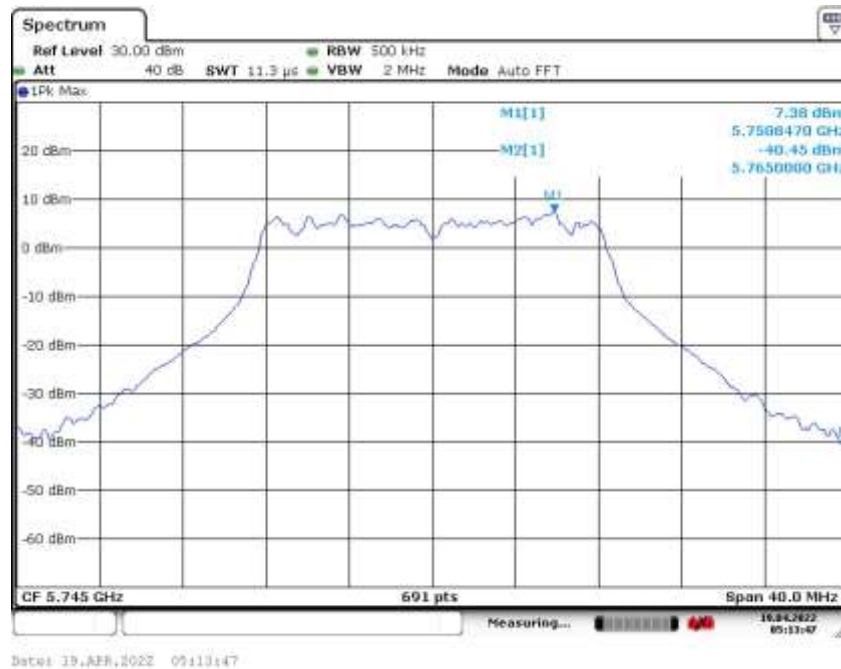
Channel: 155



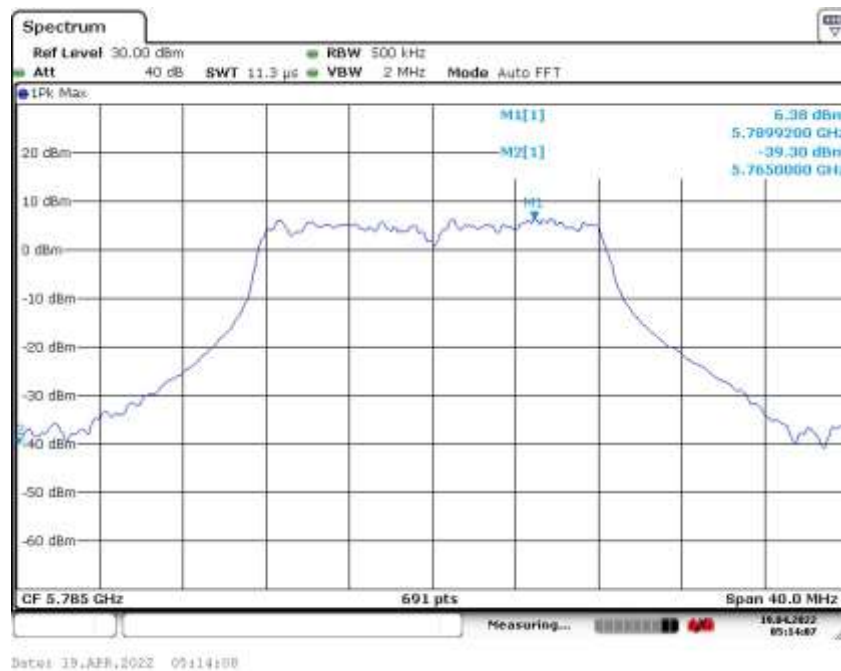
Report No.: AAEMT/EMC/220321-06-03

Test plots as followed: 5GHZ_8

802.11a
Channel: 149

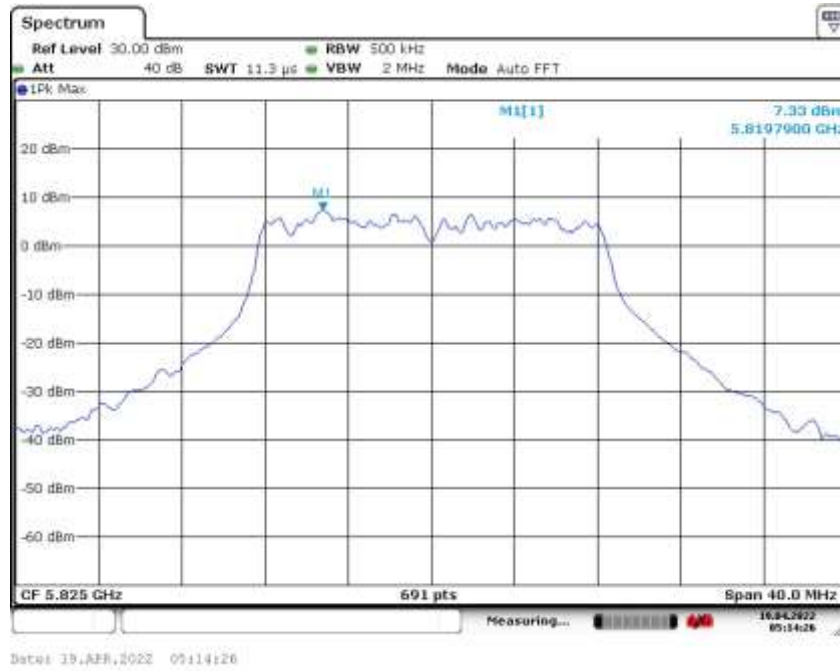


Channel: 157



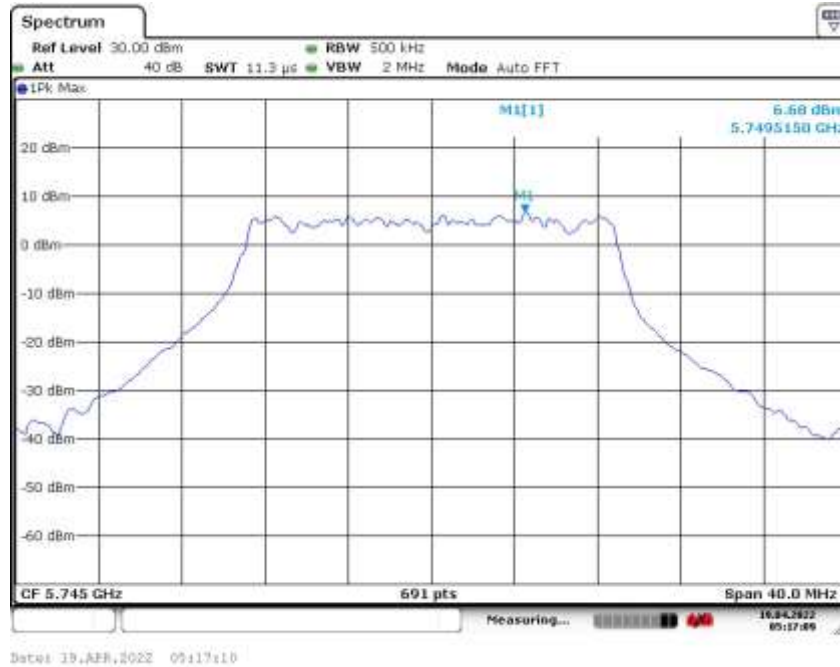
Report No.: AAEMT/EMC/220321-06-03

Channel: 165

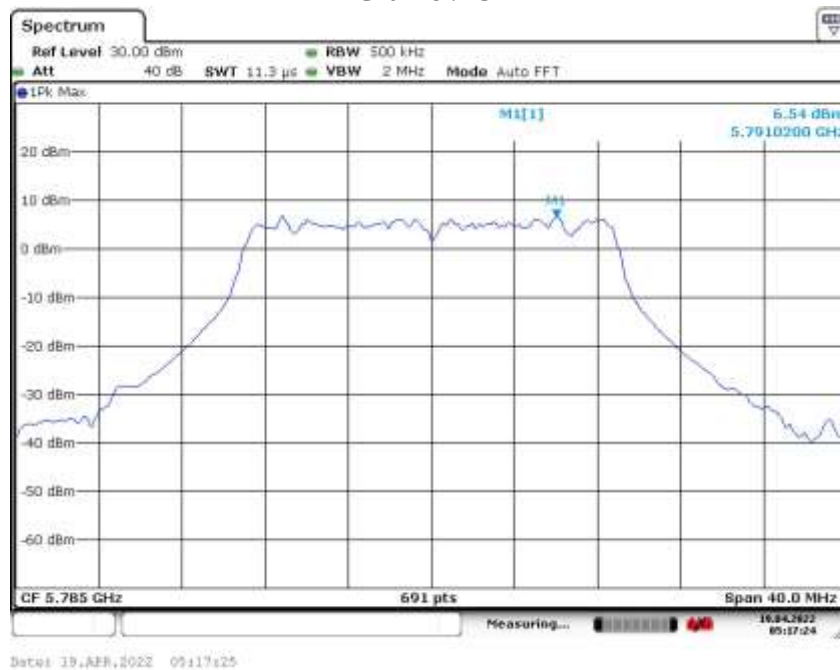


Report No.: AAEMT/EMC/220321-06-03

802.11n20
Channel: 149

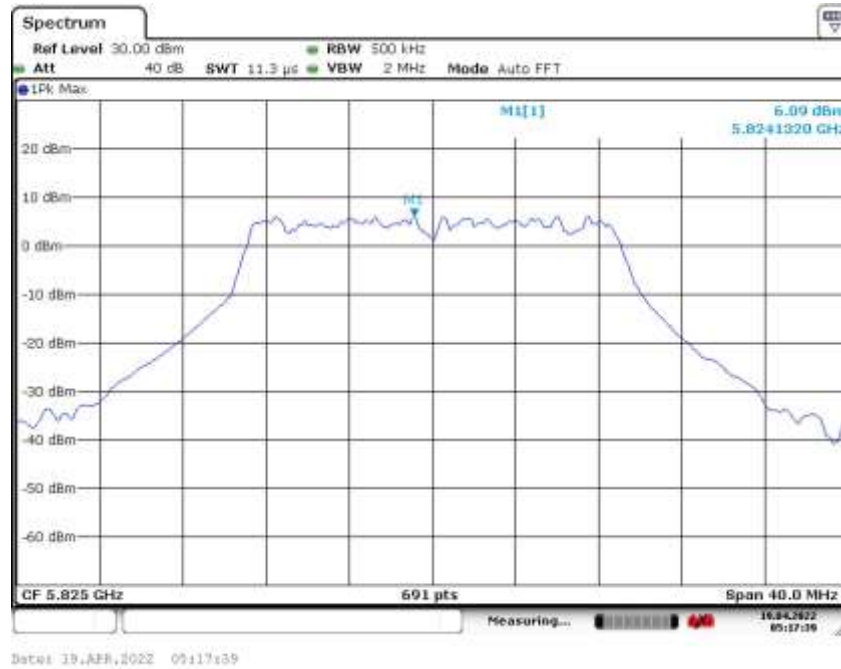


Channel: 157



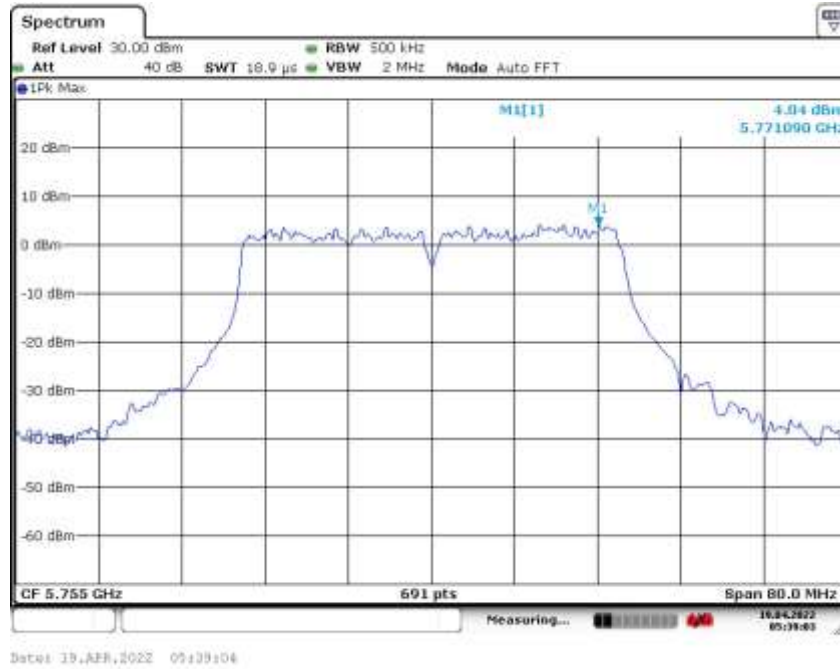
Report No.: AAEMT/EMC/220321-06-03

Channel: 165

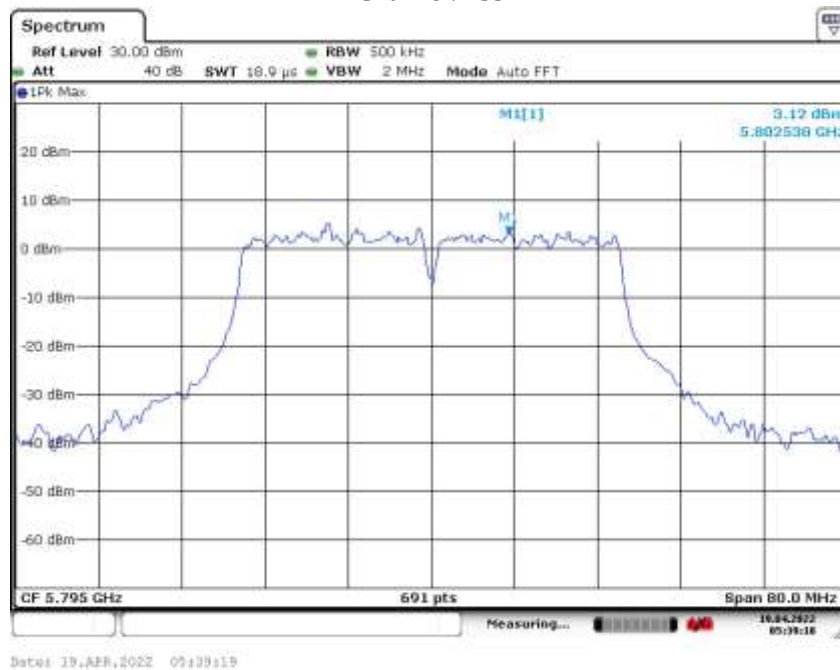


Report No.: AAEMT/EMC/220321-06-03

802.11n40
Channel: 151

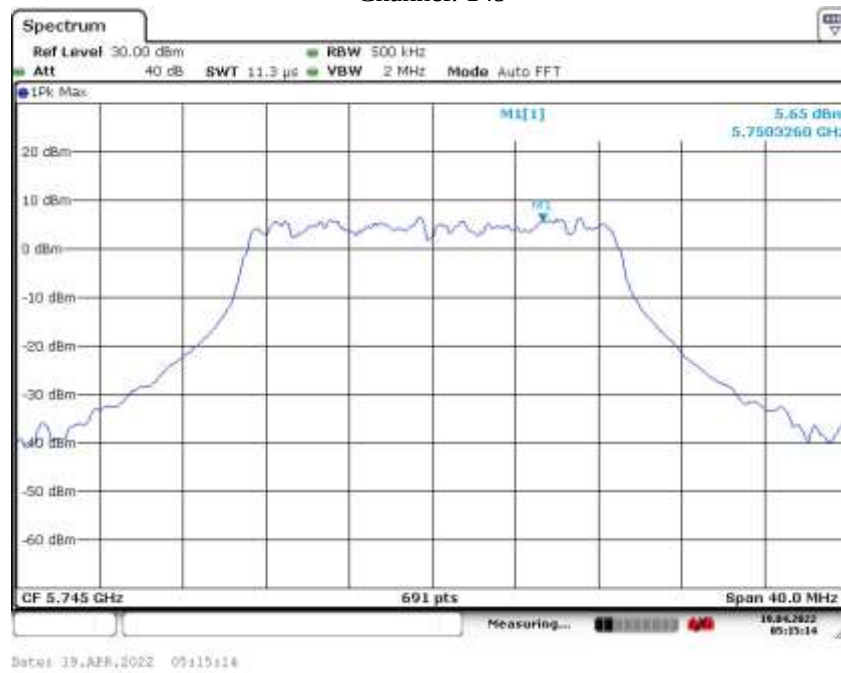


Channel: 159

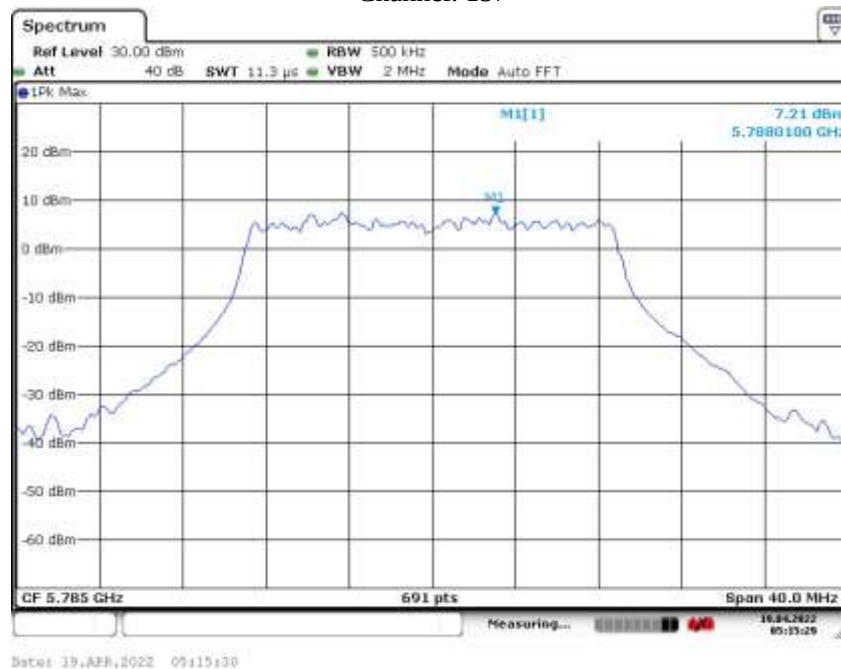


Report No.: AAEMT/EMC/220321-06-03

802.11ac20
Channel: 149

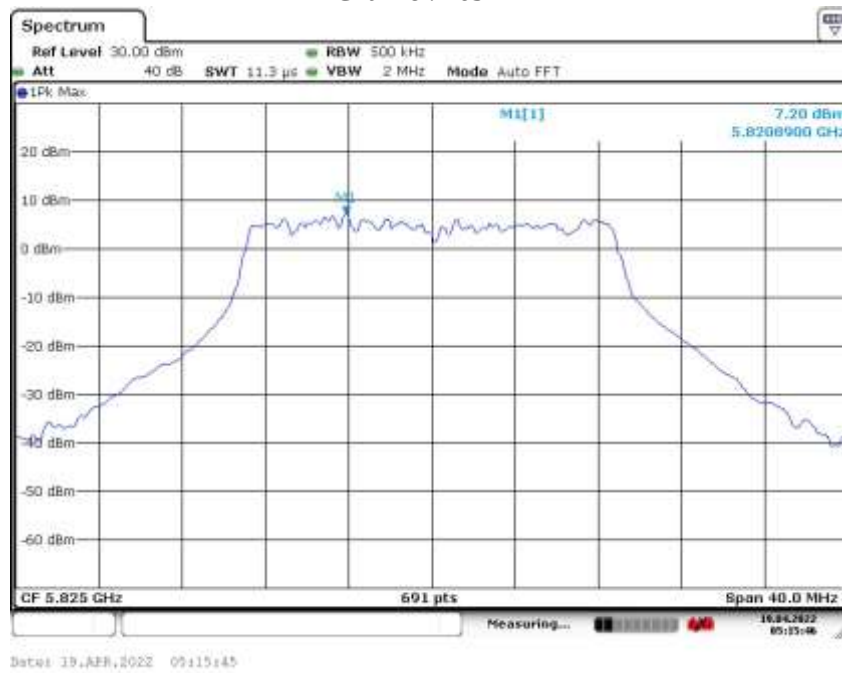


Channel: 157

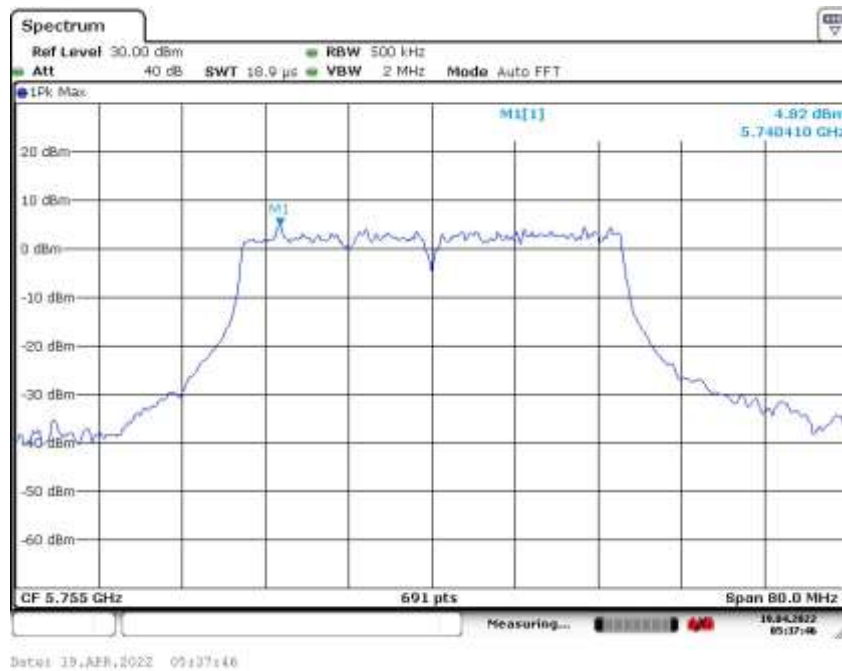


Report No.: AAEMT/EMC/220321-06-03

Channel: 165

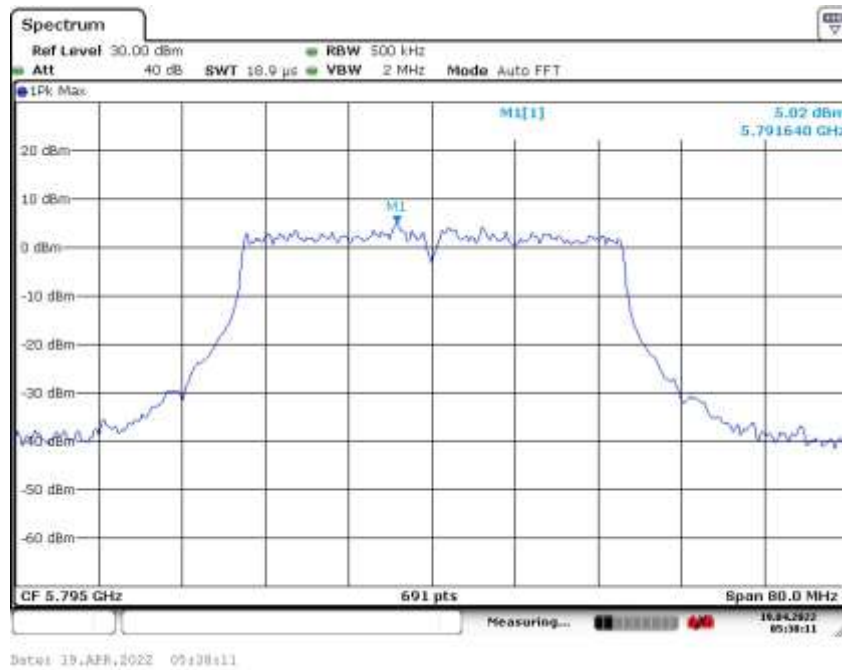


802.11ac40
Channel: 151



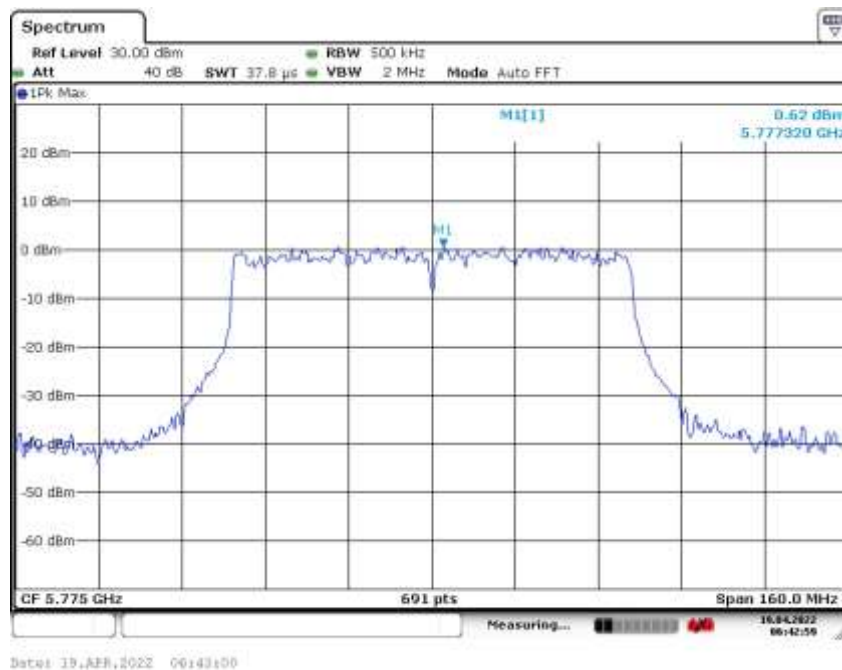
Report No.: AAEMT/EMC/220321-06-03

Channel: 159



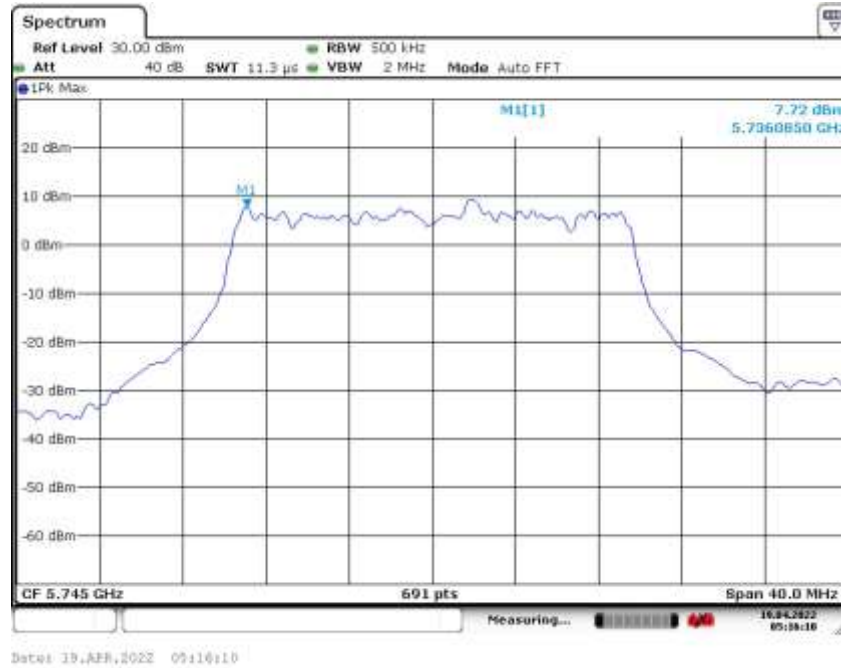
802.11ac80

Channel: 155

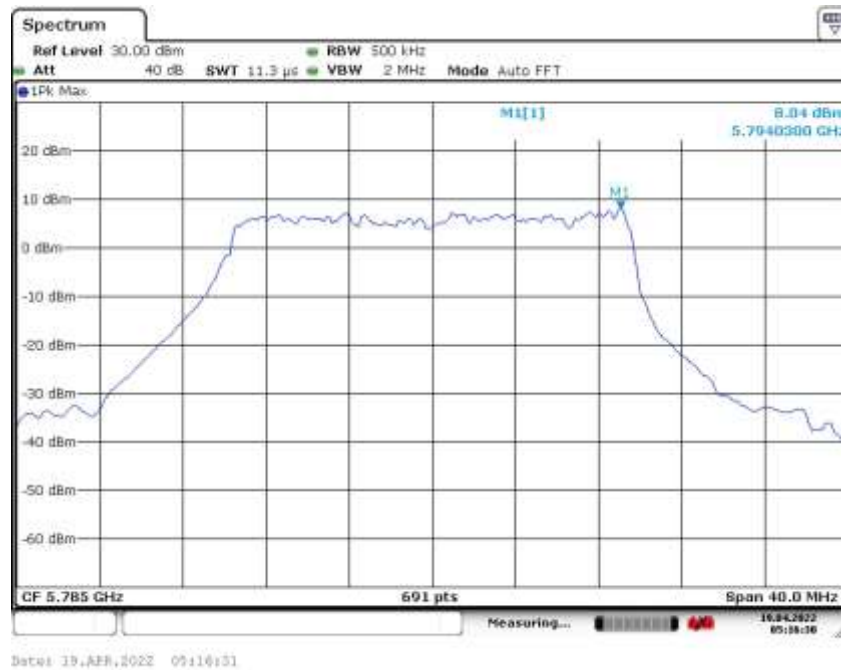


Report No.: AAEMT/EMC/220321-06-03

802.11ax20
Channel: 149

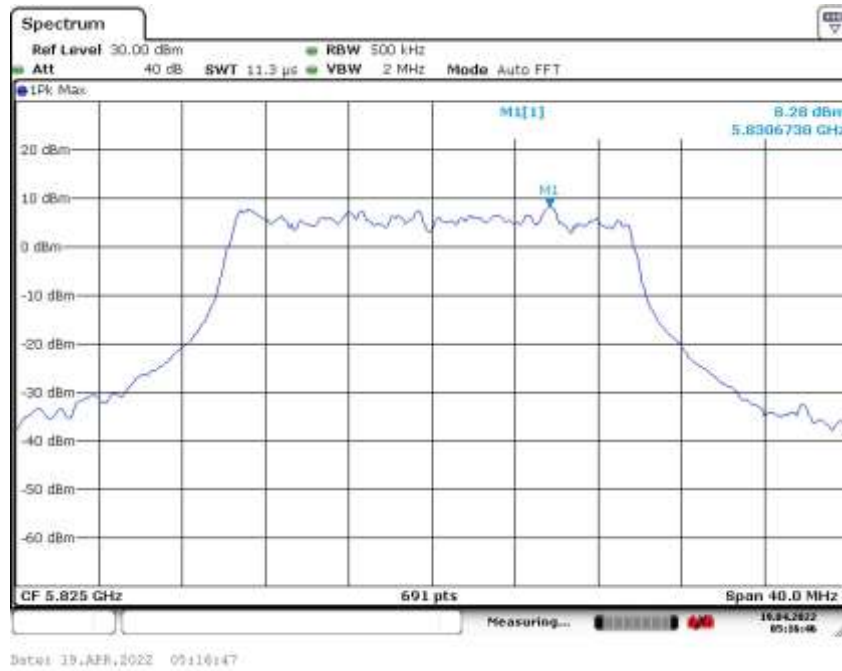


Channel: 157

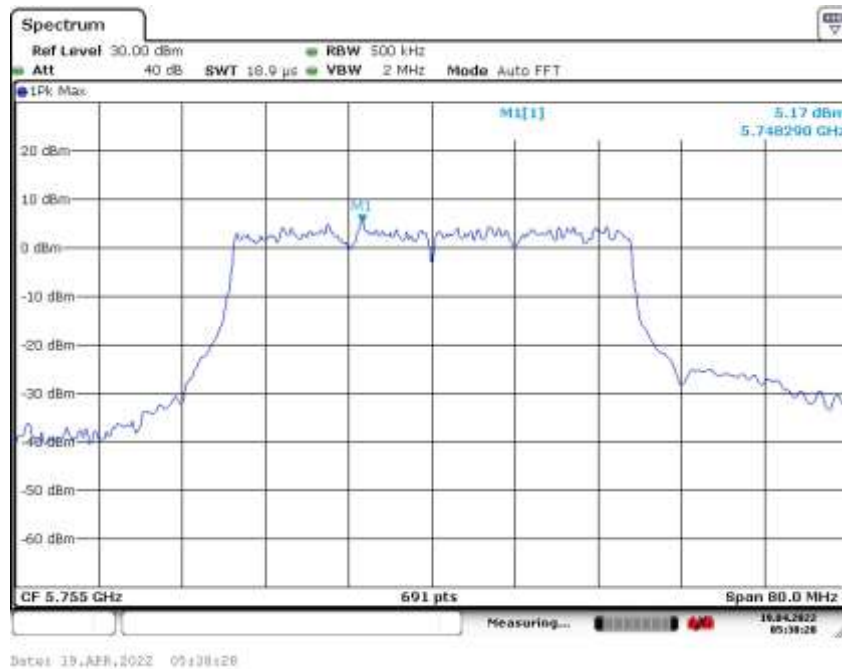


Report No.: AAEMT/EMC/220321-06-03

Channel: 165

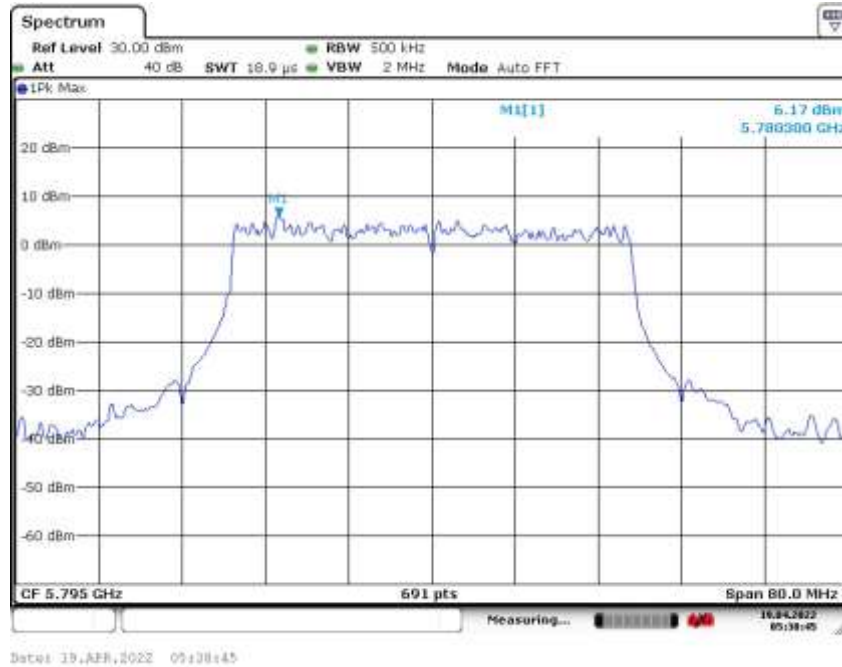


802.11ax40
Channel: 151



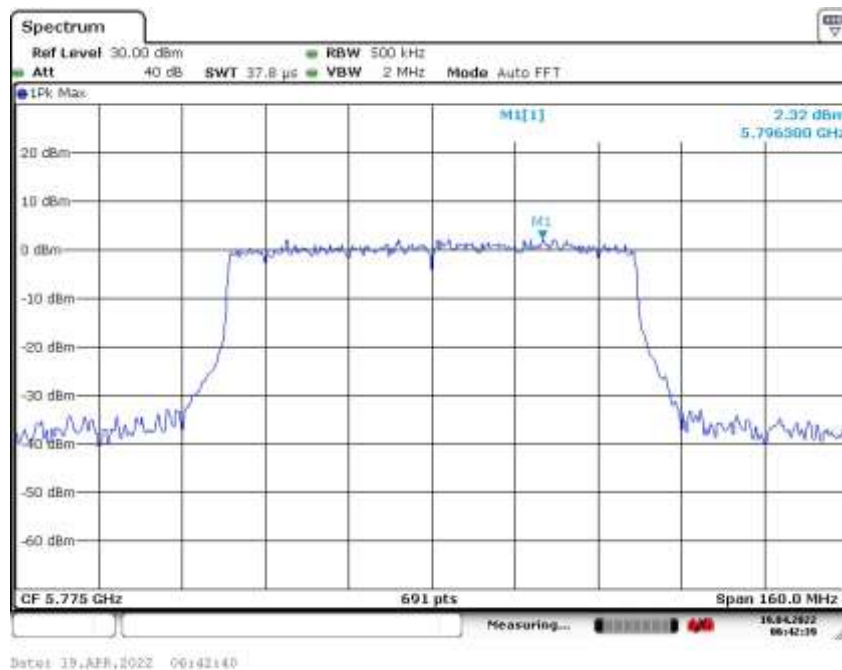
Report No.: AAEMT/EMC/220321-06-03

Channel: 159



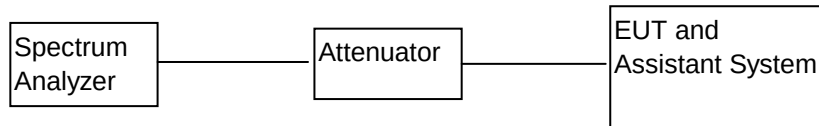
802.11ax80

Channel: 155



5. 26 dB & 99% Emission Bandwidth

5.1 BLOCK DIAGRAM OF TEST SETUP



5.2 APPLIED PROCEDURES / LIMIT

The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test. If the device cannot be connected directly, alternative techniques acceptable to the Commission may be used. Measurements in the 5.725-5.85 GHz band are made over a reference bandwidth of 500 kHz or the 26 dB emission bandwidth of the device, whichever is less. Measurements in the 5.15-5.25 GHz, 5.25-5.35 GHz, and the 5.47-5.725 GHz bands are made over a bandwidth of 1 MHz or the 26 dB emission bandwidth of the device, whichever is less. A narrower resolution bandwidth can be used, provided that the measured power is integrated over the full reference bandwidth.

5.3. TEST PROCEDURE

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

The following procedure shall be used for measuring (99 %) power bandwidth:

- Set center frequency to the nominal EUT channel center frequency.
- Set span = 1.5 times to 5.0 times the OBW.
- Set RBW = 1 % to 5 % of the OBW
- Set $VBW \geq 3 \cdot RBW$
- Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.
- Use the 99 % power bandwidth function of the instrument (if available).
- If the instrument does not have a 99 % power bandwidth function, the trace data points are recovered and directly summed in power units. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5 % of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5 % of the total is reached; that frequency is recorded as the upper frequency. The 99% occupied bandwidth is the difference between these two frequencies.

5.4. TEST RESULT: 5GHZ_1

CH. No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)				99% Occupied Bandwidth (MHz)			
		802.11a	802.11n (HT20)	802.11ac (VHT20)	802.11ax (HE20)	802.11a	802.11n (HT20)	802.11ac (VHT20)	802.11ax (HE20)
36	5180.00	20.608	21.997	21.534	21.939	16.613	17.829	17.829	18.986
44	5220.00	19.74	21.476	21.881	22.46	16.555	17.887	17.829	19.102
48	5240.00	20.434	21.534	21.418	22.113	16.497	17.771	17.771	19.044
CH. No.	Frequency (MHz)	6dB Occupied Bandwidth (MHz)				99% Occupied Bandwidth (MHz)			
		802.11a	802.11n (HT20)	802.11ac (VHT20)	802.11ax (HE20)	802.11a	802.11n (HT20)	802.11ac (VHT20)	802.11ax (HE20)
149	5745.00	16.498	17.829	17.829	19.161	16.555	17.829	17.829	19.102
157	5785.00	16.498	17.829	17.771	19.103	16.555	17.771	17.829	19.044
165	5825.00	16.498	17.771	17.771	19.161	16.497	17.829	17.829	19.102

CH. No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)			99% Occupied Bandwidth (MHz)		
		802.11n (HT40)	802.11ac (VHT40)	802.11ax (HE40)	802.11n (HT40)	802.11ac (VHT40)	802.11ax (HE40)
38	5190.00	43.76	43.88	44.34	36.468	36.353	38.089
46	5230.00	43.42	43.76	44.69	36.584	36.584	37.858
CH. No.	Frequency (MHz)	6dB Occupied Bandwidth (MHz)			99% Occupied Bandwidth (MHz)		
		802.11n (HT40)	802.11ac (VHT40)	802.11ax (HE40)	802.11n (HT40)	802.11ac (VHT40)	802.11ax (HE40)
151	5755.00	36.58	36.58	38.44	36.584	36.700	38.089
159	5795.00	36.58	36.58	38.32	36.468	36.700	38.089

CH. No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)		99% Occupied Bandwidth (MHz)	
		802.11ac (VHT80)	802.11ax (HE80)	802.11ac (VHT80)	802.11ax (HE80)
42	5210.00	88.22	84.28	76.179	77.800
CH. No.	Frequency (MHz)	6dB Occupied Bandwidth (MHz)		99% Occupied Bandwidth (MHz)	
		802.11ac (VHT80)	802.11ax (HE80)	802.11ac (VHT80)	802.11ax (HE80)
155	5775.00	76.41	78.26	76.179	77.568

TEST RESULT: 5GHZ_2

CH. No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)				99% Occupied Bandwidth (MHz)			
		802.11a	802.11n (HT20)	802.11ac (VHT20)	802.11ax (HE20)	802.11a	802.11n (HT20)	802.11ac (VHT20)	802.11ax (HE20)
36	5180.00	20.781	22.46	22.055	22.518	16.555	17.771	17.829	19.044
44	5220.00	20.434	22.981	21.534	22.229	16.555	17.945	17.887	19.102
48	5240.00	20.318	21.823	22.229	21.997	16.555	17.887	17.829	19.044
CH. No.	Frequency (MHz)	6dB Occupied Bandwidth (MHz)				99% Occupied Bandwidth (MHz)			
		802.11a	802.11n (HT20)	802.11ac (VHT20)	802.11ax (HE20)	802.11a	802.11n (HT20)	802.11ac (VHT20)	802.11ax (HE20)
149	5745.00	16.498	17.771	17.829	19.161	16.555	17.829	17.829	19.102
157	5785.00	16.498	17.829	17.887	19.161	16.555	17.771	17.829	19.044
165	5825.00	16.498	17.771	17.887	19.161	16.497	17.829	17.829	19.102

CH. No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)			99% Occupied Bandwidth (MHz)		
		802.11n (HT40)	802.11ac (VHT40)	802.11ax (HE40)	802.11n (HT40)	802.11ac (VHT40)	802.11ax (HE40)
38	5190.00	42.49	43.53	43.65	36.468	36.700	37.973
46	5230.00	43.99	42.14	42.37	36.468	36.584	37.973
CH. No.	Frequency (MHz)	6dB Occupied Bandwidth (MHz)			99% Occupied Bandwidth (MHz)		
		802.11n (HT40)	802.11ac (VHT40)	802.11ax (HE40)	802.11n (HT40)	802.11ac (VHT40)	802.11ax (HE40)
151	5755.00	36.58	36.58	38.32	36.468	36.353	37.973
159	5795.00	36.47	36.7	38.32	36.700	36.584	37.973

CH. No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)		99% Occupied Bandwidth (MHz)	
		802.11ac (VHT80)	802.11ax (HE80)	802.11ac (VHT80)	802.11ax (HE80)
42	5210.00	85.67	87.76	76.179	77.568
CH. No.	Frequency (MHz)	6dB Occupied Bandwidth (MHz)		99% Occupied Bandwidth (MHz)	
		802.11ac (VHT80)	802.11ax (HE80)	802.11ac (VHT80)	802.11ax (HE80)
155	5775.00	76.41	78.26	75.947	77.800

TEST RESULT: 5GHZ_3

CH. No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)				99% Occupied Bandwidth (MHz)			
		802.11a	802.11n (HT20)	802.11ac (VHT20)	802.11ax (HE20)	802.11a	802.11n (HT20)	802.11ac (VHT20)	802.11ax (HE20)
36	5180.00	20.203	22.113	22.576	22.229	16.555	17.887	17.771	19.102
44	5220.00	20.376	21.476	21.418	22.46	16.555	17.829	17.771	19.102
48	5240.00	19.556	21.939	21.592	22.65	16.555	17.713	17.829	19.044
CH. No.	Frequency (MHz)	6dB Occupied Bandwidth (MHz)				99% Occupied Bandwidth (MHz)			
		802.11a	802.11n (HT20)	802.11ac (VHT20)	802.11ax (HE20)	802.11a	802.11n (HT20)	802.11ac (VHT20)	802.11ax (HE20)
149	5745.00	16.498	17.829	17.829	19.161	16.555	17.829	17.829	19.102
157	5785.00	16.498	17.829	17.771	19.103	16.555	17.771	17.771	19.102
165	5825.00	16.498	17.771	17.771	19.219	16.947	17.771	17.771	19.044

CH. No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)			99% Occupied Bandwidth (MHz)		
		802.11n (HT40)	802.11ac (VHT40)	802.11ax (HE40)	802.11n (HT40)	802.11ac (VHT40)	802.11ax (HE40)
38	5190.00	43.42	44.34	43.3	36.58	36.46	38.089
46	5230.00	43.07	44.69	42.14	36.58	36.70	37.97
CH. No.	Frequency (MHz)	6dB Occupied Bandwidth (MHz)			99% Occupied Bandwidth (MHz)		
		802.11n (HT40)	802.11ac (VHT40)	802.11ax (HE40)	802.11n (HT40)	802.11ac (VHT40)	802.11ax (HE40)
151	5755.00	36.58	36.58	38.32	36.58	36.468	38.089
159	5795.00	36.58	36.58	38.32	36.58	36.468	37.973

CH. No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)		99% Occupied Bandwidth (MHz)	
		802.11ac (VHT80)	802.11ax (HE80)	802.11ac (VHT80)	802.11ax (HE80)
42	5210.00	87.29	82.2	76.17	77.80
CH. No.	Frequency (MHz)	6dB Occupied Bandwidth (MHz)		99% Occupied Bandwidth (MHz)	
		802.11ac (VHT80)	802.11ax (HE80)	802.11ac (VHT80)	802.11ax (HE80)
155	5775.00	76.64	78.26	76.179	77.337

TEST RESULT: 5GHZ_4

CH. No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)				99% Occupied Bandwidth (MHz)			
		802.11a	802.11n (HT20)	802.11ac (VHT20)	802.11ax (HE20)	802.11a	802.11n (HT20)	802.11ac (VHT20)	802.11ax (HE20)
36	5180.00	20.955	22.113	21.766	22.634	16.497	17.829	17.829	19.044
44	5220.00	20.203	21.766	21.766	21.881	16.555	17.829	17.829	19.044
48	5240.00	20.492	21.939	21.302	21.881	16.497	17.771	17.829	19.160
CH. No.	Frequency (MHz)	6dB Occupied Bandwidth (MHz)				99% Occupied Bandwidth (MHz)			
		802.11a	802.11n (HT20)	802.11ac (VHT20)	802.11ax (HE20)	802.11a	802.11n (HT20)	802.11ac (VHT20)	802.11ax (HE20)
149	5745.00	16.498	17.829	17.829	19.103	16.555	17.771	17.829	19.102
157	5785.00	16.498	17.713	17.829	19.103	16.555	17.829	17.771	19.102
165	5825.00	16.498	17.771	17.771	19.161	16.497	17.829	17.771	19.044

CH. No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)			99% Occupied Bandwidth (MHz)		
		802.11n (HT40)	802.11ac (VHT40)	802.11ax (HE40)	802.11n (HT40)	802.11ac (VHT40)	802.11ax (HE40)
38	5190.00	41.72	43.18	43.07	36.584	36.584	37.973
46	5230.00	42.6	43.88	43.07	36.700	36.468	37.973
CH. No.	Frequency (MHz)	6dB Occupied Bandwidth (MHz)			99% Occupied Bandwidth (MHz)		
		802.11n (HT40)	802.11ac (VHT40)	802.11ax (HE40)	802.11n (HT40)	802.11ac (VHT40)	802.11ax (HE40)
151	5755.00	36.58	36.58	38.21	36.353	36.468	38.089
159	5795.00	36.58	36.58	38.44	36.584	36.584	38.089

CH. No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)		99% Occupied Bandwidth (MHz)	
		802.11ac (VHT80)	802.11ax (HE80)	802.11ac (VHT80)	802.11ax (HE80)
42	5210.00	91.69	84.75	76.179	77.337
CH. No.	Frequency (MHz)	6dB Occupied Bandwidth (MHz)		99% Occupied Bandwidth (MHz)	
		802.11ac (VHT80)	802.11ax (HE80)	802.11ac (VHT80)	802.11ax (HE80)
155	5775.00	74.33	77.57	76.410	77.800

TEST RESULT: 5GHZ_5

CH. No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)				99% Occupied Bandwidth (MHz)			
		802.11a	802.11n (HT20)	802.11ac (VHT20)	802.11ax (HE20)	802.11a	802.11n (HT20)	802.11ac (VHT20)	802.11ax (HE20)
36	5180.00	20.55	22.171	22.171	22.46	16.555	17.771	17.829	19.102
44	5220.00	20.26	21.766	21.476	22.402	16.497	17.829	17.771	19.102
48	5240.00	19.913	21.65	22.923	21.823	16.497	17.771	17.829	19.102
CH. No.	Frequency (MHz)	6dB Occupied Bandwidth (MHz)				99% Occupied Bandwidth (MHz)			
		802.11a	802.11n (HT20)	802.11ac (VHT20)	802.11ax (HE20)	802.11a	802.11n (HT20)	802.11ac (VHT20)	802.11ax (HE20)
149	5745.00	16.556	17.829	17.829	19.161	16.555	17.829	17.829	19.102
157	5785.00	16.498	17.829	17.771	19.161	16.613	17.829	17.829	19.044
165	5825.00	16.556	17.829	17.771	19.161	16.497	17.829	17.887	19.102

CH. No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)			99% Occupied Bandwidth (MHz)		
		802.11n (HT40)	802.11ac (VHT40)	802.11ax (HE40)	802.11n (HT40)	802.11ac (VHT40)	802.11ax (HE40)
38	5190.00	44.57	44.69	41.68	36.700	36.584	38.089
46	5230.00	42.49	42.6	42.26	37.973	36.468	37.973
CH. No.	Frequency (MHz)	6dB Occupied Bandwidth (MHz)			99% Occupied Bandwidth (MHz)		
		802.11n (HT40)	802.11ac (VHT40)	802.11ax (HE40)	802.11n (HT40)	802.11ac (VHT40)	802.11ax (HE40)
151	5755.00	36.58	36.58	38.44	36.584	36.584	38.089
159	5795.00	36.47	36.58	38.21	36.584	36.468	37.973

CH. No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)		99% Occupied Bandwidth (MHz)	
		802.11ac (VHT80)	802.11ax (HE80)	802.11ac (VHT80)	802.11ax (HE80)
42	5210.00	90.0	82.2	75.947	77.568
CH. No.	Frequency (MHz)	6dB Occupied Bandwidth (MHz)		99% Occupied Bandwidth (MHz)	
		802.11ac (VHT80)	802.11ax (HE80)	802.11ac (VHT80)	802.11ax (HE80)
155	5775.00	76.41	78.26	75.945	77.568

TEST RESULT: 5GHZ_6

CH. No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)				99% Occupied Bandwidth (MHz)			
		802.11a	802.11n (HT20)	802.11ac (VHT20)	802.11ax (HE20)	802.11a	802.11n (HT20)	802.11ac (VHT20)	802.11ax (HE20)
36	5180.00	20.955	22.75	21.245	21.939	16.555	17.829	17.887	19.160
44	5220.00	20.318	21.766	21.534	21.766	16.671	17.887	17.771	19.102
48	5240.00	21.071	21.592	22.055	22.113	16.497	17.829	17.829	19.102
CH. No.	Frequency (MHz)	6dB Occupied Bandwidth (MHz)				99% Occupied Bandwidth (MHz)			
		802.11a	802.11n (HT20)	802.11ac (VHT20)	802.11ax (HE20)	802.11a	802.11n (HT20)	802.11ac (VHT20)	802.11ax (HE20)
149	5745.00	16.498	17.829	17.771	19.161	16.613	17.829	17.771	19.102
157	5785.00	16.44	17.771	17.771	19.161	16.497	17.829	17.829	19.102
165	5825.00	16.498	17.829	17.771	19.103	16.555	17.713	17.771	19.044

CH. No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)			99% Occupied Bandwidth (MHz)		
		802.11n (HT40)	802.11ac (VHT40)	802.11ax (HE40)	802.11n (HT40)	802.11ac (VHT40)	802.11ax (HE40)
38	5190.00	44.92	45.85	43.42	36.468	36.468	38.089
46	5230.00	45.38	43.99	43.65	36.353	36.468	37.973
CH. No.	Frequency (MHz)	6dB Occupied Bandwidth (MHz)			99% Occupied Bandwidth (MHz)		
		802.11n (HT40)	802.11ac (VHT40)	802.11ax (HE40)	802.11n (HT40)	802.11ac (VHT40)	802.11ax (HE40)
151	5755.00	36.58	36.58	38.21	36.584	36.468	38.089
159	5795.00	28.94	22.0	35.31	36.584	36.700	38.089

CH. No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)		99% Occupied Bandwidth (MHz)	
		802.11ac (VHT80)	802.11ax (HE80)	802.11ac (VHT80)	802.11ax (HE80)
42	5210.00	87.99	83.82	76.179	77.568
CH. No.	Frequency (MHz)	6dB Occupied Bandwidth (MHz)		99% Occupied Bandwidth (MHz)	
		802.11ac (VHT80)	802.11ax (HE80)	802.11ac (VHT80)	802.11ax (HE80)
155	5775.00	76.41	78.26	76.179	77.568

TEST RESULT: 5GHZ_7

CH. No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)				99% Occupied Bandwidth (MHz)			
		802.11a	802.11n (HT20)	802.11ac (VHT20)	802.11ax (HE20)	802.11a	802.11n (HT20)	802.11ac (VHT20)	802.11ax (HE20)
36	5180.00	20.087	22.229	21.65	22.171	16.555	17.829	17.829	19.044
44	5220.00	20.26	22.518	21.592	21.65	16.555	17.829	17.829	18.986
48	5240.00	20.434	22.171	21.881	22.287	16.497	17.771	17.771	19.044
CH. No.	Frequency (MHz)	6dB Occupied Bandwidth (MHz)				99% Occupied Bandwidth (MHz)			
		802.11a	802.11n (HT20)	802.11ac (VHT20)	802.11ax (HE20)	802.11a	802.11n (HT20)	802.11ac (VHT20)	802.11ax (HE20)
149	5745.00	16.498	17.829	17.829	19.161	16.613	17.771	17.771	19.044
157	5785.00	16.498	17.771	17.771	19.161	16.553	17.829	17.829	19.160
165	5825.00	16.498	17.829	17.829	19.161	16.497	17.829	17.887	19.102

CH. No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)			99% Occupied Bandwidth (MHz)		
		802.11n (HT40)	802.11ac (VHT40)	802.11ax (HE40)	802.11n (HT40)	802.11ac (VHT40)	802.11ax (HE40)
38	5190.00	44.92	44.69	43.76	36.816	36.700	37.973
46	5230.00	43.42	43.53	44.11	36.816	36.468	37.973
CH. No.	Frequency (MHz)	6dB Occupied Bandwidth (MHz)			99% Occupied Bandwidth (MHz)		
		802.11n (HT40)	802.11ac (VHT40)	802.11ax (HE40)	802.11n (HT40)	802.11ac (VHT40)	802.11ax (HE40)
151	5755.00	36.58	36.585	38.09	36.468	36.468	37.973
159	5795.00	36.58	22.0	38.32	36.584	36.584	38.205

CH. No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)		99% Occupied Bandwidth (MHz)	
		802.11ac (VHT80)	802.11ax (HE80)	802.11ac (VHT80)	802.11ax (HE80)
42	5210.00	84.98	86.37	75.947	77.337
CH. No.	Frequency (MHz)	6dB Occupied Bandwidth (MHz)		99% Occupied Bandwidth (MHz)	
		802.11ac (VHT80)	802.11ax (HE80)	802.11ac (VHT80)	802.11ax (HE80)
155	5775.00	76.41	77.57	76.179	77.105

TEST RESULT: 5GHZ_8

CH. No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)				99% Occupied Bandwidth (MHz)			
		802.11a	802.11n (HT20)	802.11ac (VHT20)	802.11ax (HE20)	802.11a	802.11n (HT20)	802.11ac (VHT20)	802.11ax (HE20)
36	5180.00	20.608	21.766	21.187	22.518	16.555	17.771	17.829	19.160
44	5220.00	20.376	22.229	22.055	21.997	16.671	17.771	17.713	18.968
48	5240.00	20.087	21.823	21.708	22.46	16.497	17.829	17.771	19.044
CH. No.	Frequency (MHz)	6dB Occupied Bandwidth (MHz)				99% Occupied Bandwidth (MHz)			
		802.11a	802.11n (HT20)	802.11ac (VHT20)	802.11ax (HE20)	802.11a	802.11n (HT20)	802.11ac (VHT20)	802.11ax (HE20)
149	5745.00	16.382	17.771	17.771	19.103	16.555	17.771	17.713	19.044
157	5785.00	16.498	17.771	17.771	19.219	16.555	17.771	17.771	19.102
165	5825.00	16.498	17.829	17.713	19.161	16.613	17.829	17.713	19.102

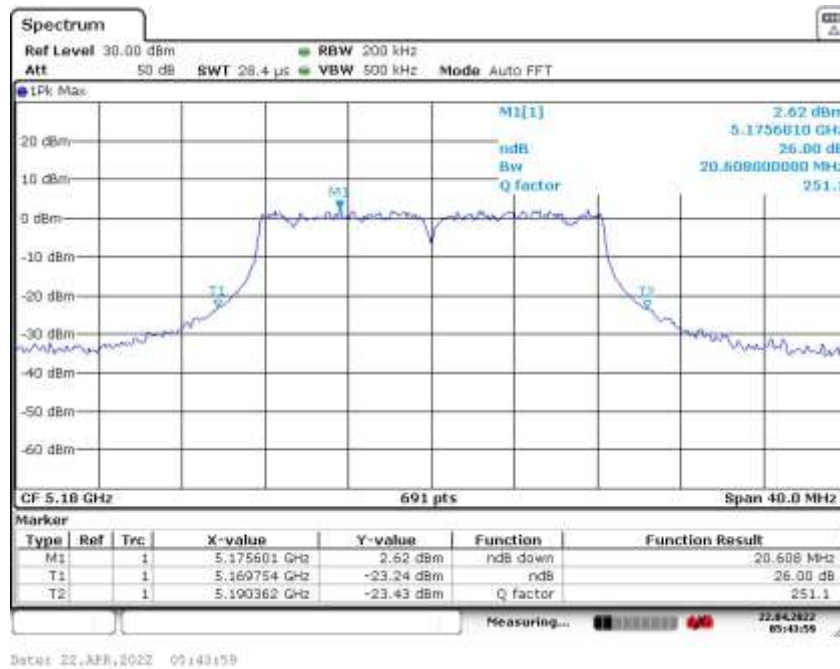
CH. No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)			99% Occupied Bandwidth (MHz)		
		802.11n (HT40)	802.11ac (VHT40)	802.11ax (HE40)	802.11n (HT40)	802.11ac (VHT40)	802.11ax (HE40)
38	5190.00	42.84	42.23	43.3	36.700	36.584	38.089
46	5230.00	41.91	43.07	42.6	36.468	36.468	37.973
CH. No.	Frequency (MHz)	6dB Occupied Bandwidth (MHz)			99% Occupied Bandwidth (MHz)		
		802.11n (HT40)	802.11ac (VHT40)	802.11ax (HE40)	802.11n (HT40)	802.11ac (VHT40)	802.11ax (HE40)
151	5755.00	36.47	36.58	38.09	36.468	36.353	37.973
159	5795.00	36.58	36.47	38.32	36.353	36.353	37.973

CH. No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)		99% Occupied Bandwidth (MHz)	
		802.11ac (VHT80)	802.11ax (HE80)	802.11ac (VHT80)	802.11ax (HE80)
42	5210.00	89.84	87.76	75.947	77.337
CH. No.	Frequency (MHz)	6dB Occupied Bandwidth (MHz)		99% Occupied Bandwidth (MHz)	
		802.11ac (VHT80)	802.11ax (HE80)	802.11ac (VHT80)	802.11ax (HE80)
155	5775.00	76.41	78.26	75.947	77.568

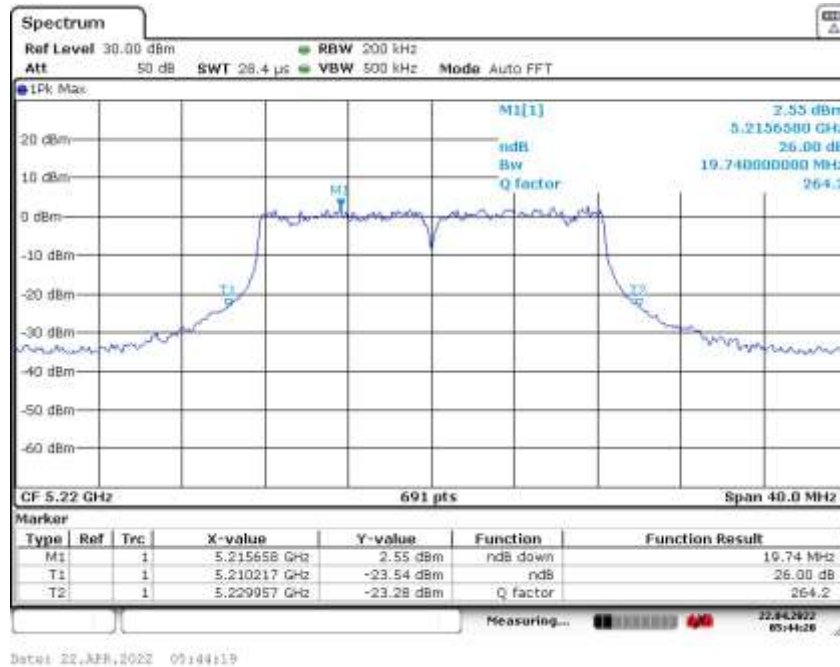
Report No.: AAEMT/EMC/220321-06-03

Test plots as followed: 5GHz_1

26dB BW 802.11a
Channel: 36

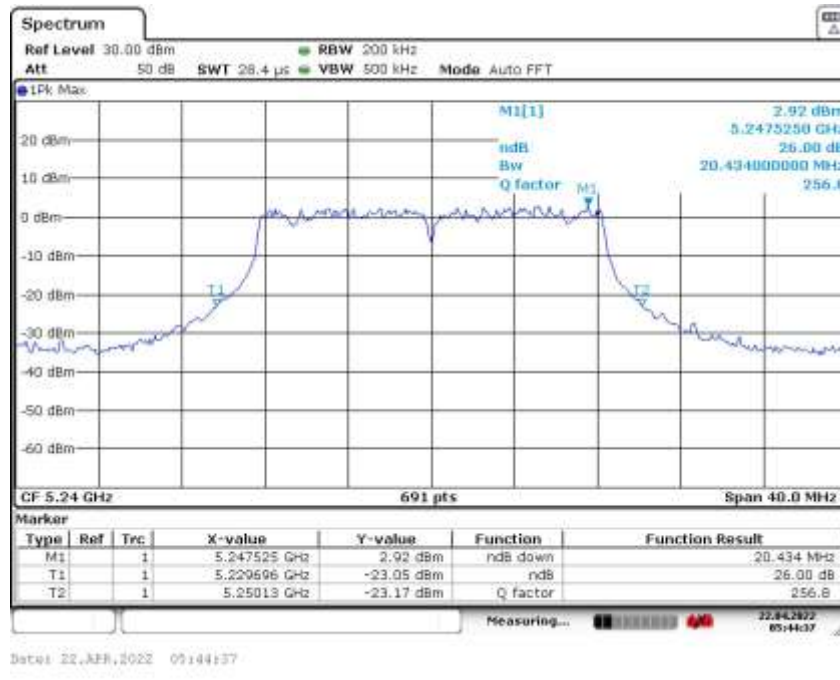


Channel: 44



Report No.: AAEMT/EMC/220321-06-03

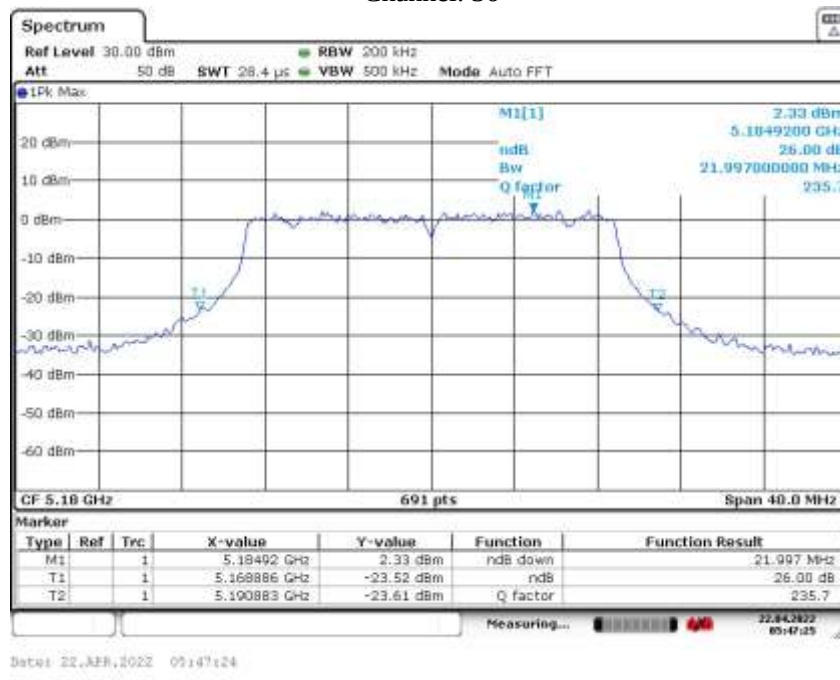
Channel: 48



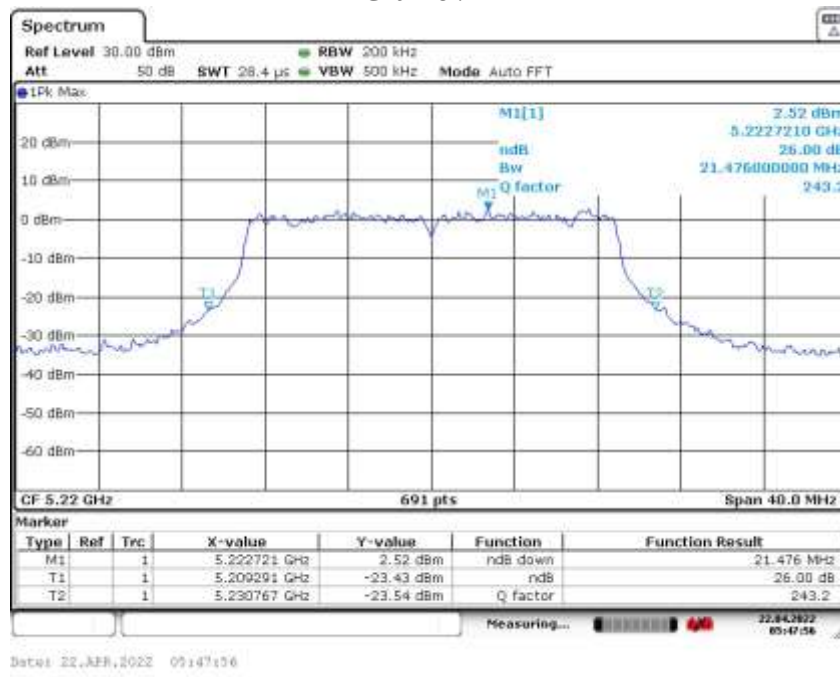
Report No.: AAEMT/EMC/220321-06-03

26dB BW 802.11n20

Channel: 36

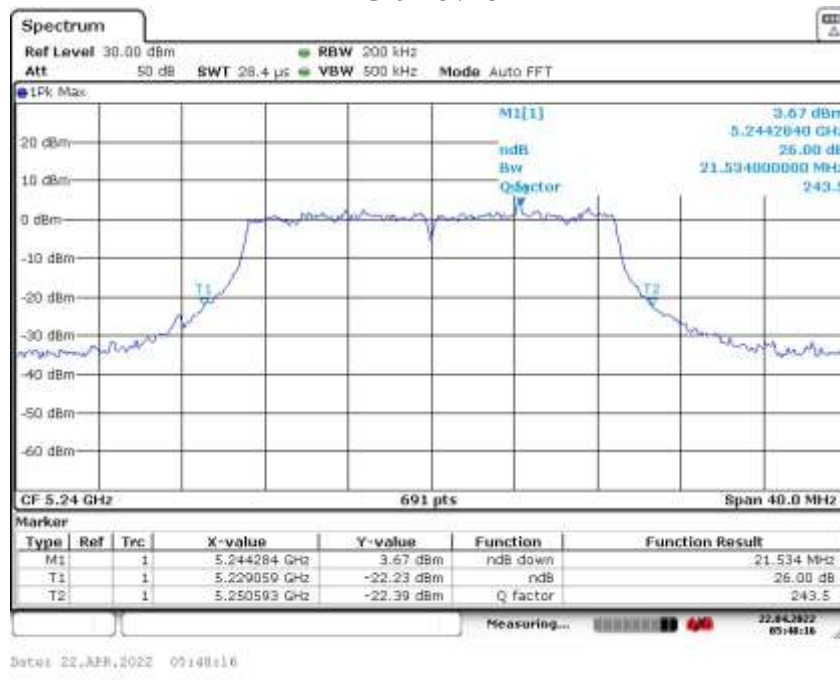


Channel: 44



Report No.: AAEMT/EMC/220321-06-03

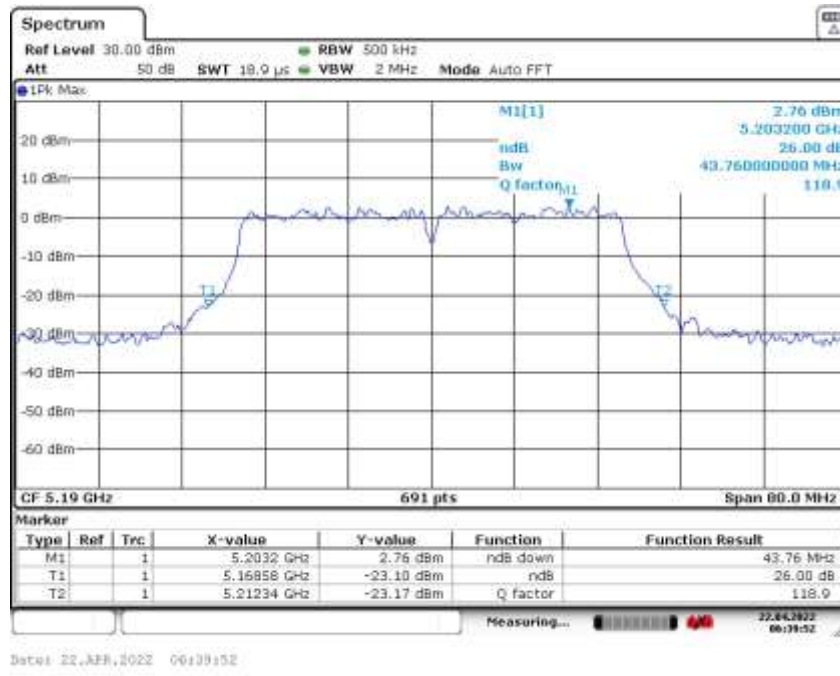
Channel: 48



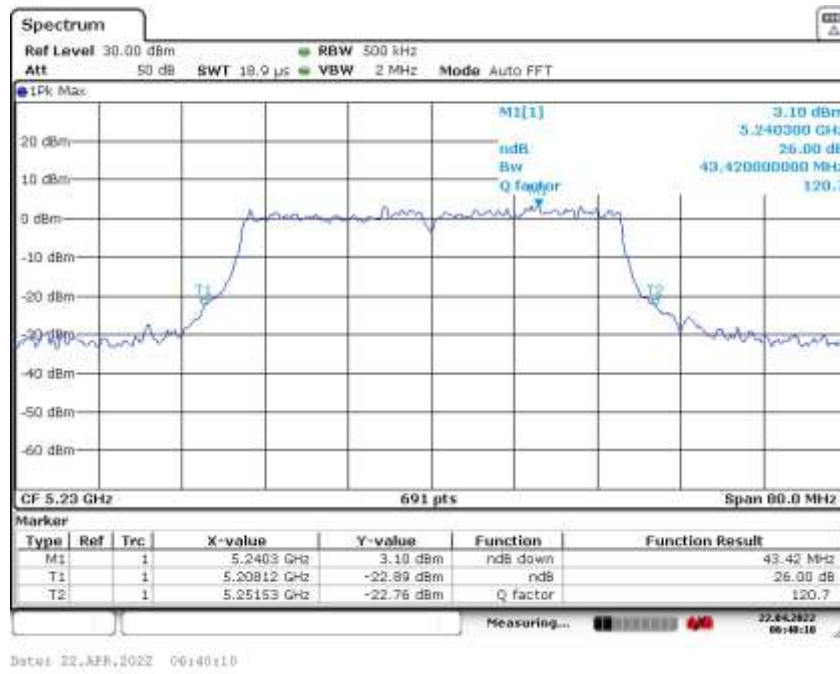
Report No.: AAEMT/EMC/220321-06-03

26dB BW 802.11n40

Channel: 38

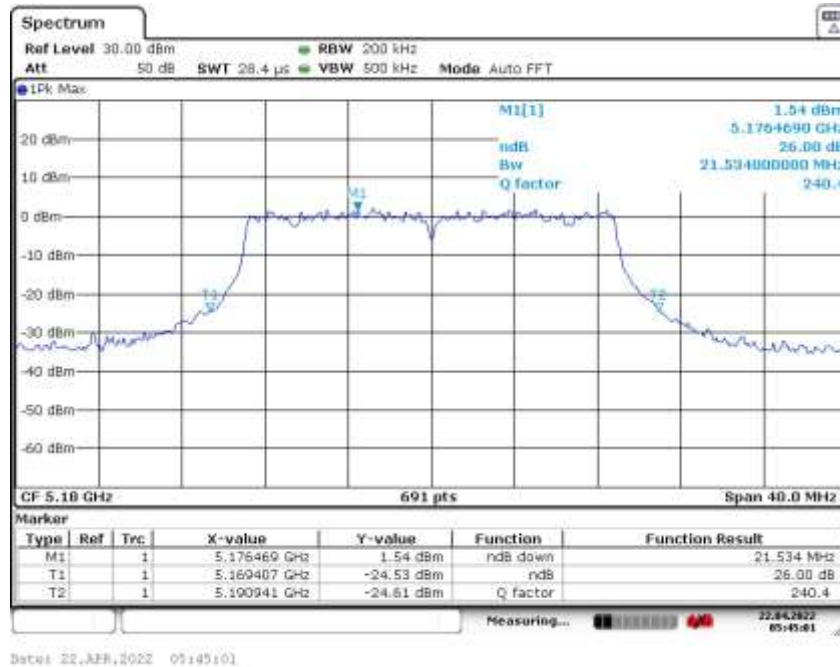


Channel: 46

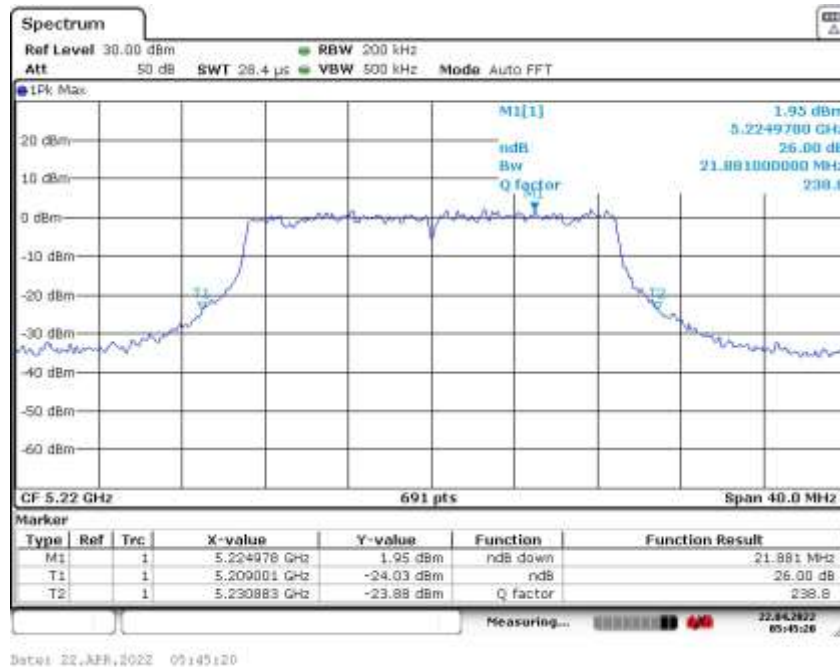


26dB BW 802.11ac20

Channel: 36

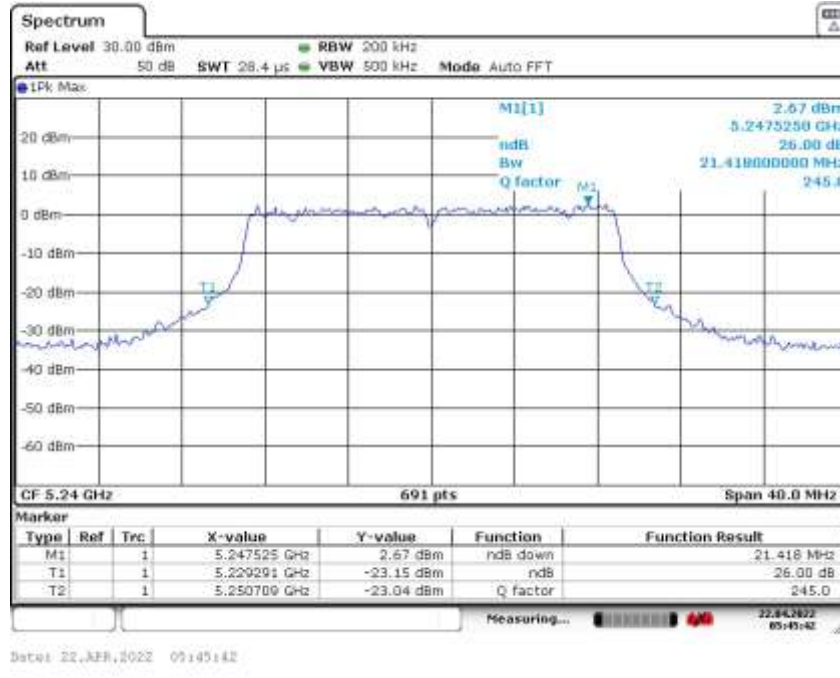


Channel: 44



Report No.: AAEMT/EMC/220321-06-03

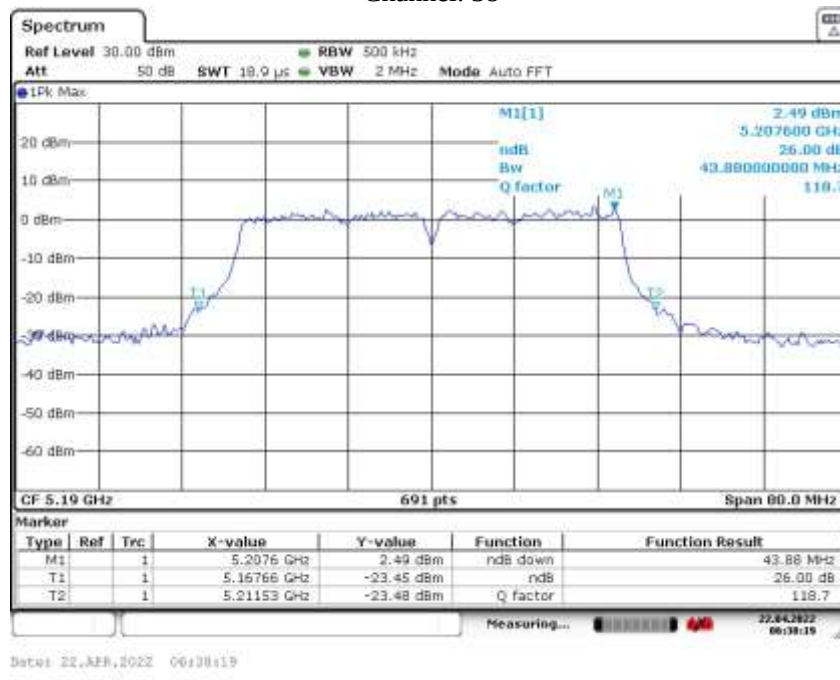
Channel: 48



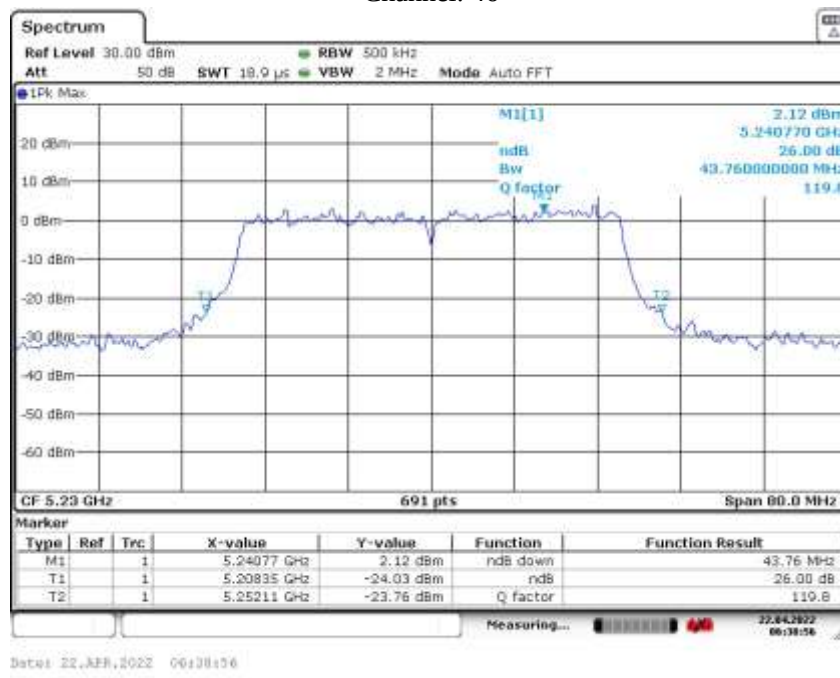
Report No.: AAEMT/EMC/220321-06-03

26dB BW 802.11ac40

Channel: 38



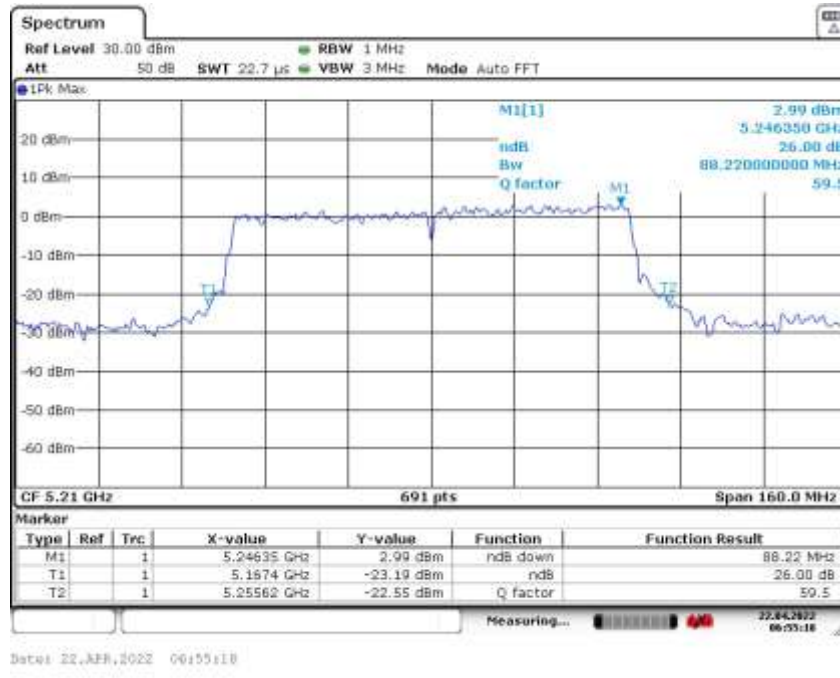
Channel: 46



Report No.: AAEMT/EMC/220321-06-03

26dB BW 802.11ac80

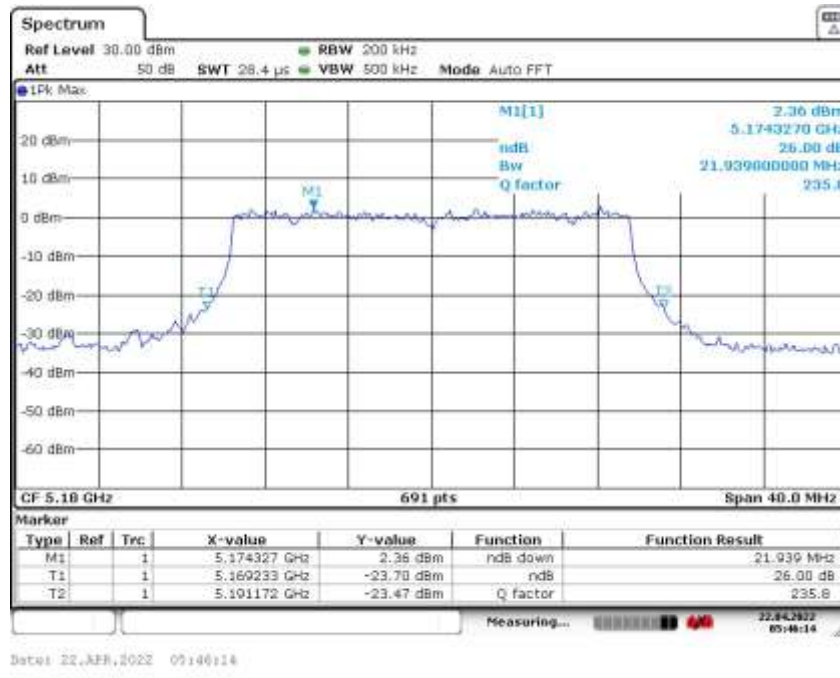
Channel: 42



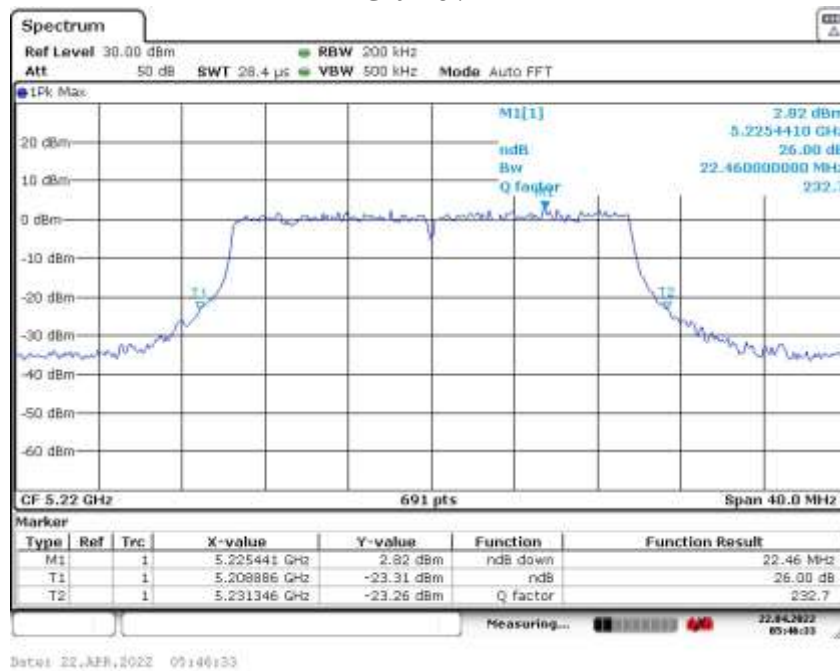
Report No.: AAEMT/EMC/220321-06-03

26dB BW 802.11ax20

Channel: 36

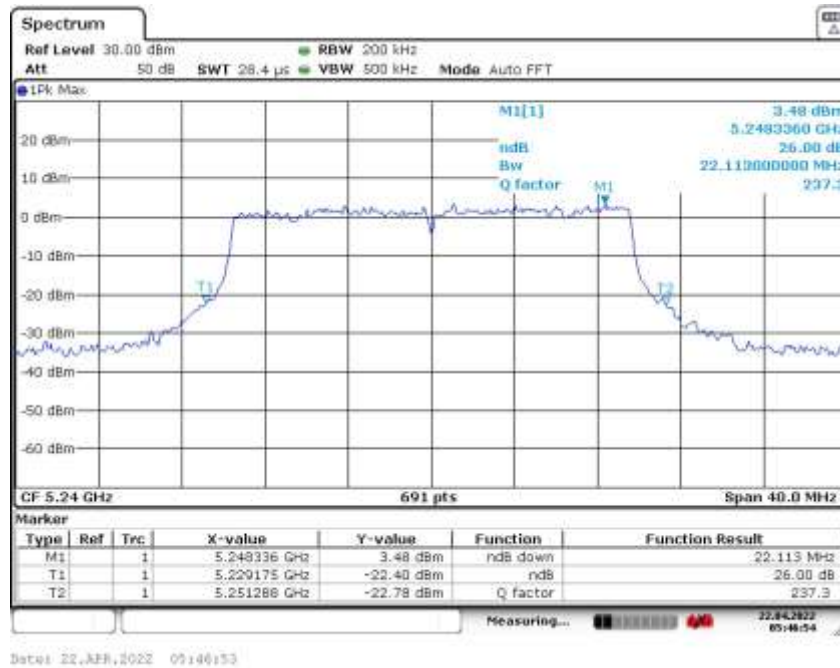


Channel: 44



Report No.: AAEMT/EMC/220321-06-03

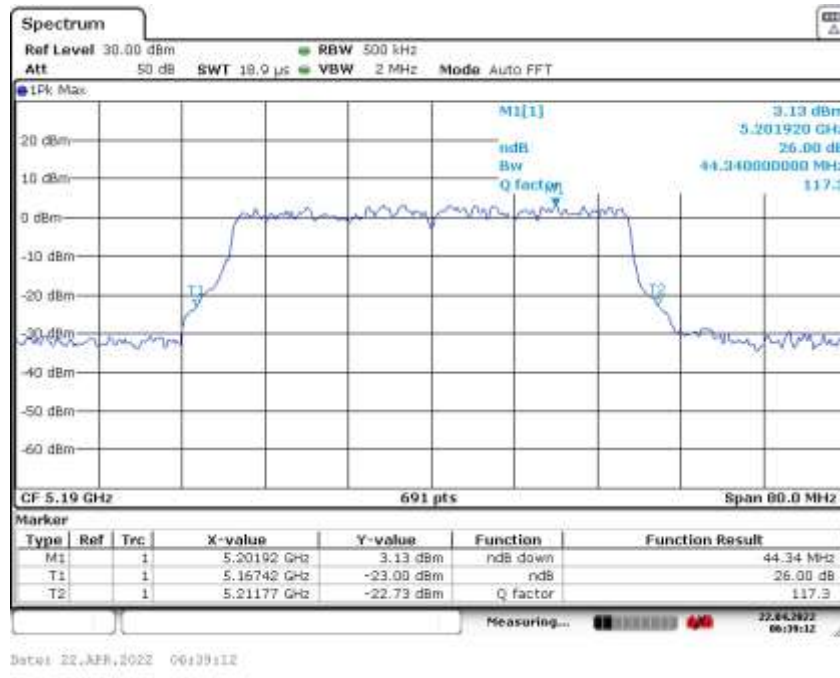
Channel: 48



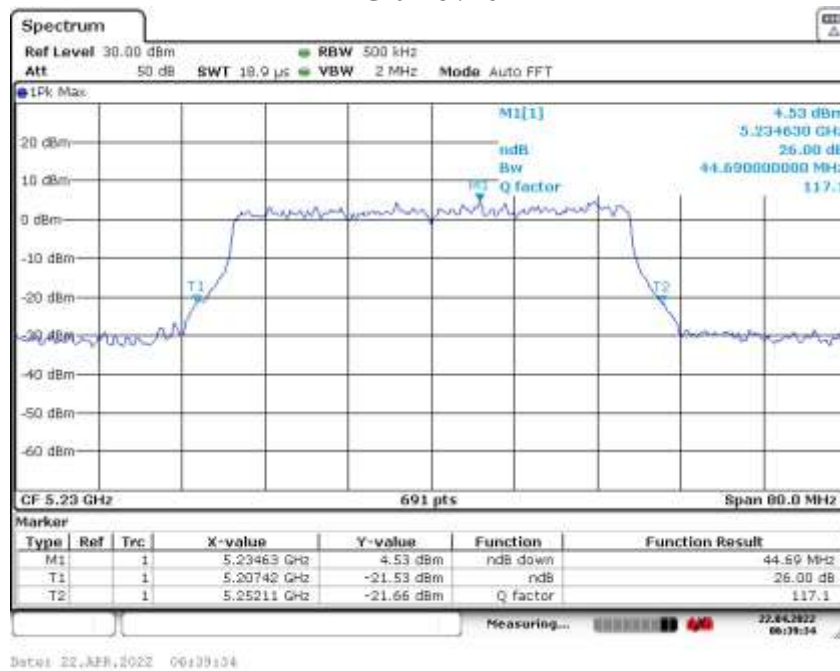
Report No.: AAEMT/EMC/220321-06-03

26dB BW 802.11ax40

Channel: 38

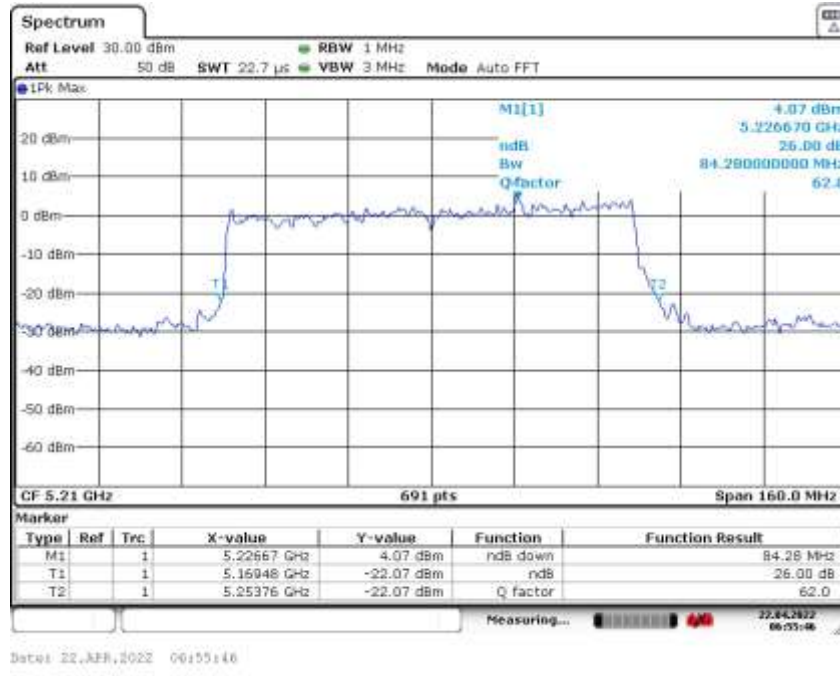


Channel: 46



26dB BW 802.11ax80

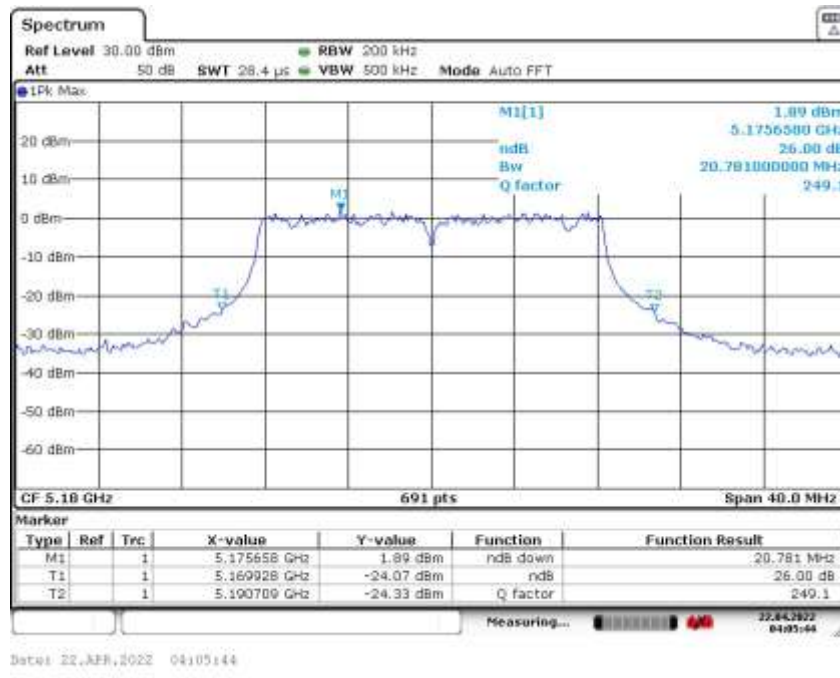
Channel: 42



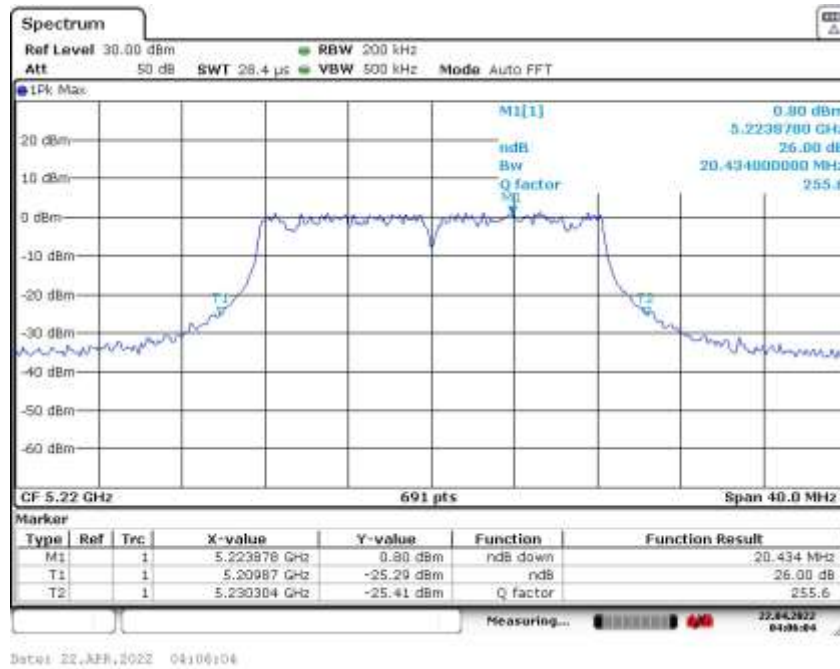
Report No.: AAEMT/EMC/220321-06-03

Test plots as followed: 5GHz_2

26dB BW 802.11a
Channel: 36

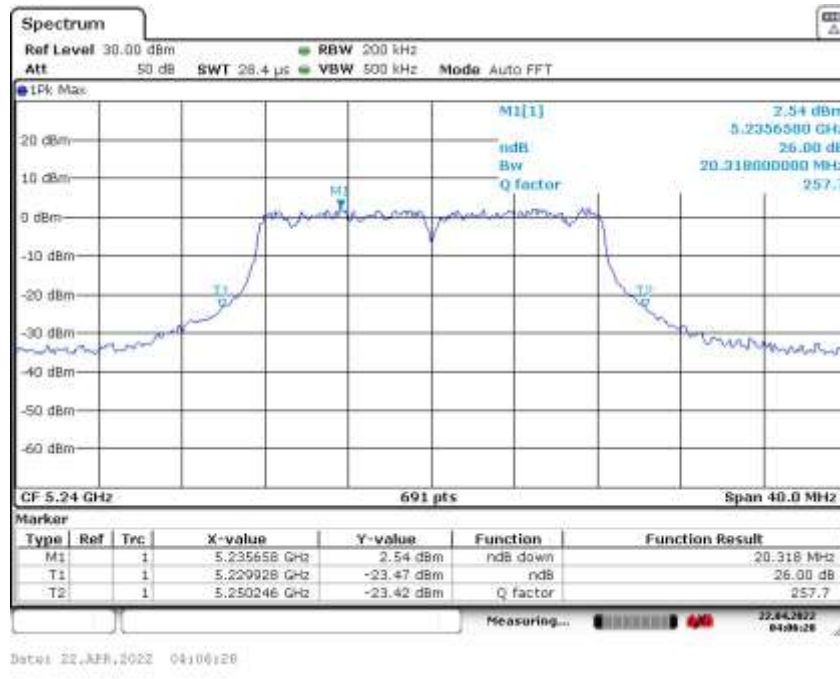


Channel: 44



Report No.: AAEMT/EMC/220321-06-03

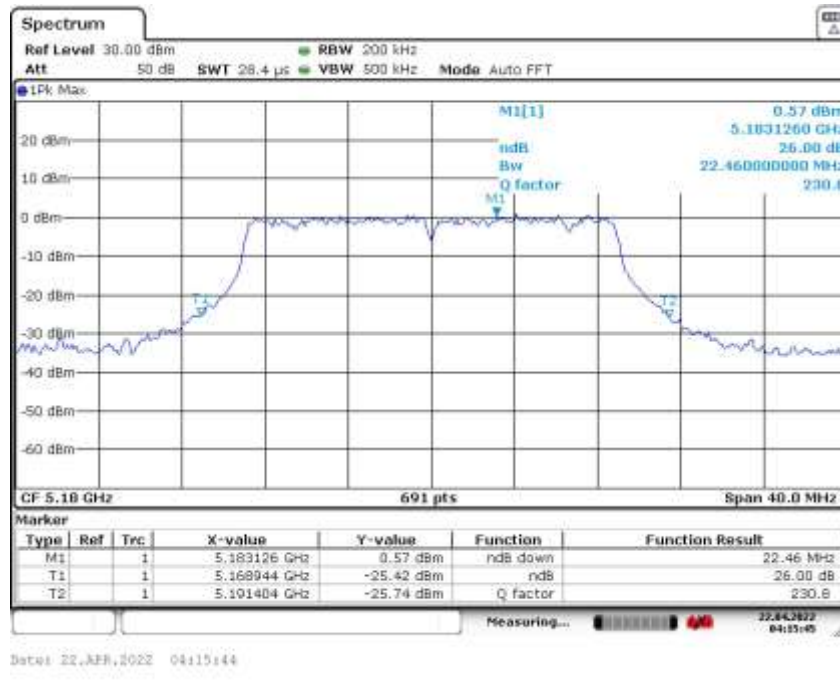
Channel: 48



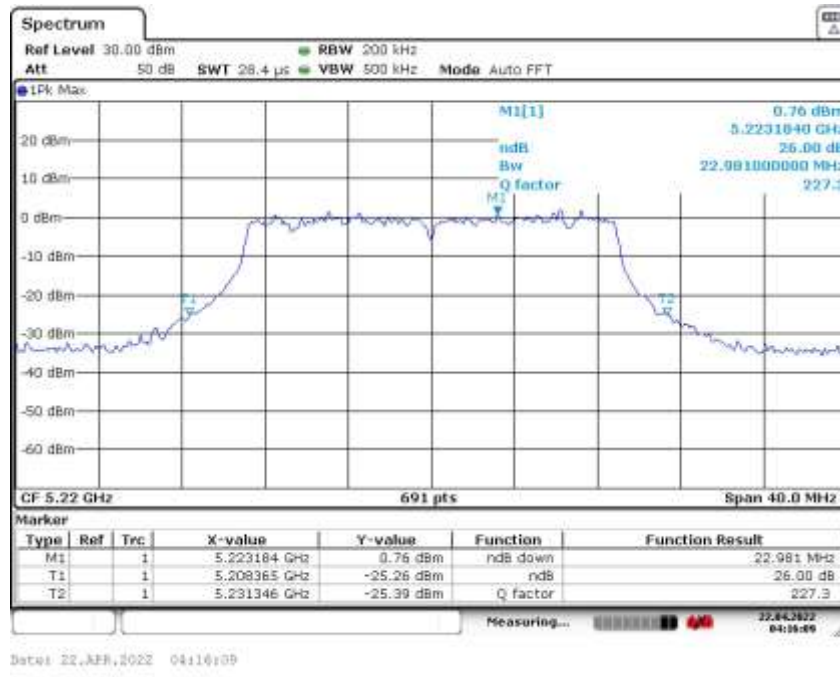
Report No.: AAEMT/EMC/220321-06-03

26dB BW 802.11n20

Channel: 36

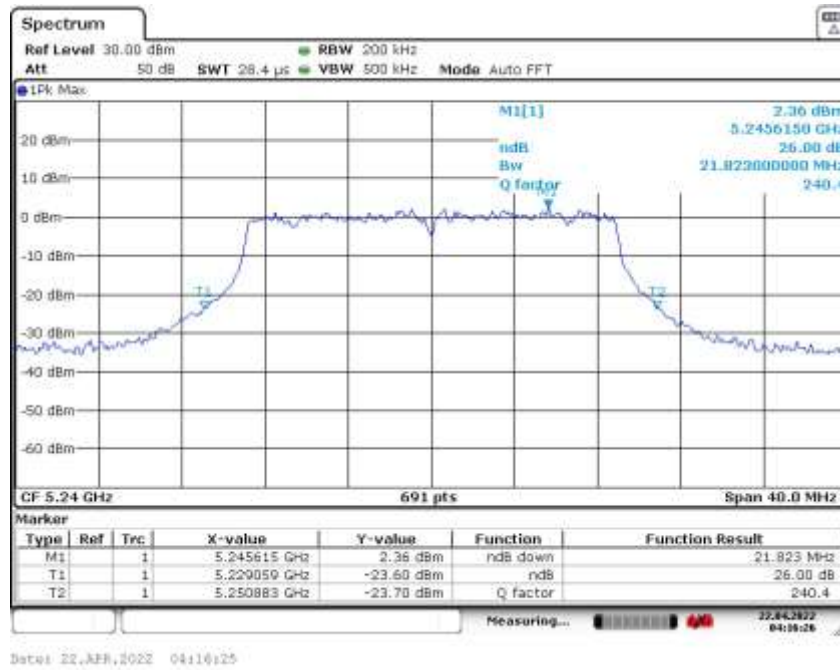


Channel: 44



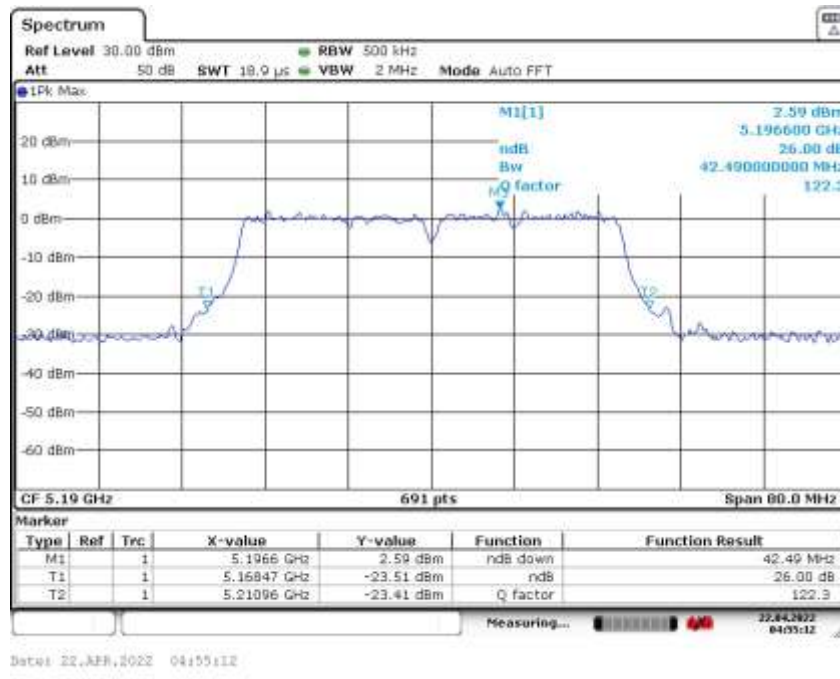
Report No.: AAEMT/EMC/220321-06-03

Channel: 48

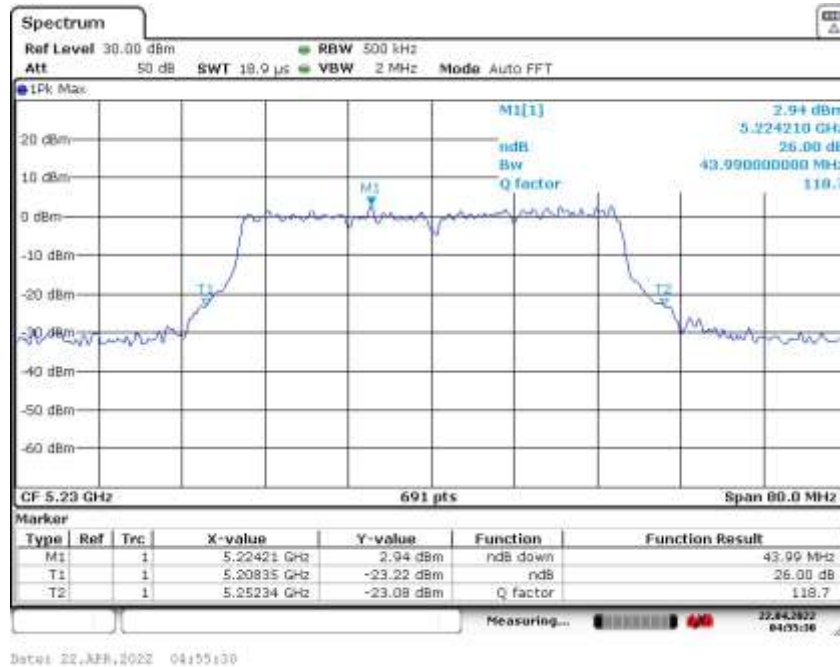


Report No.: AAEMT/EMC/220321-06-03

26dB BW 802.11n40
Channel: 38



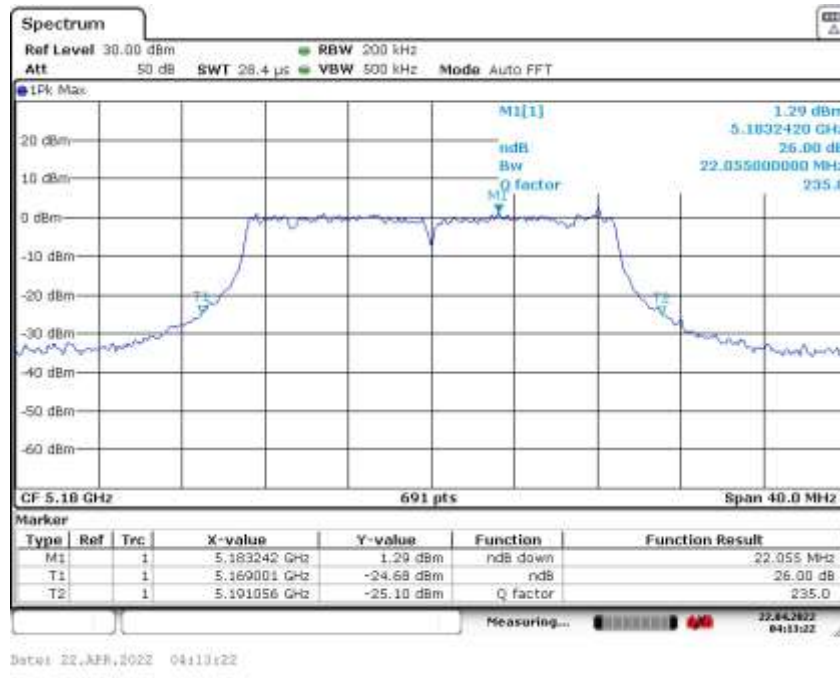
Channel: 46



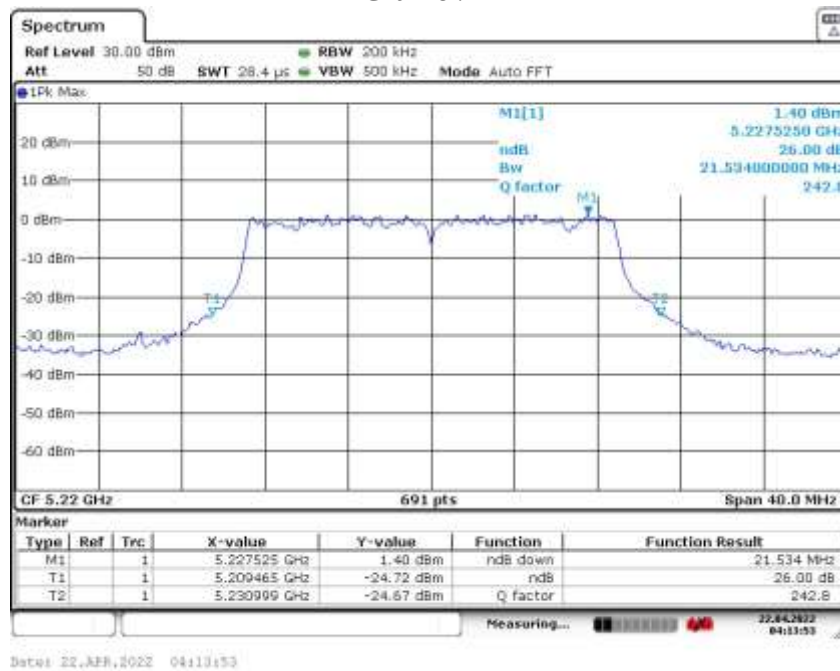
Report No.: AAEMT/EMC/220321-06-03

26dB BW 802.11ac20

Channel: 36

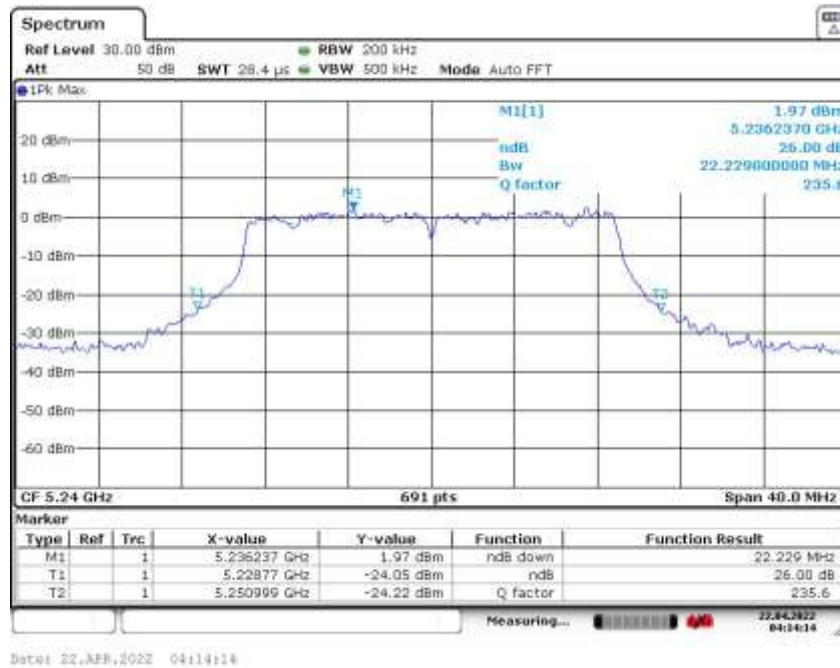


Channel: 44



Report No.: AAEMT/EMC/220321-06-03

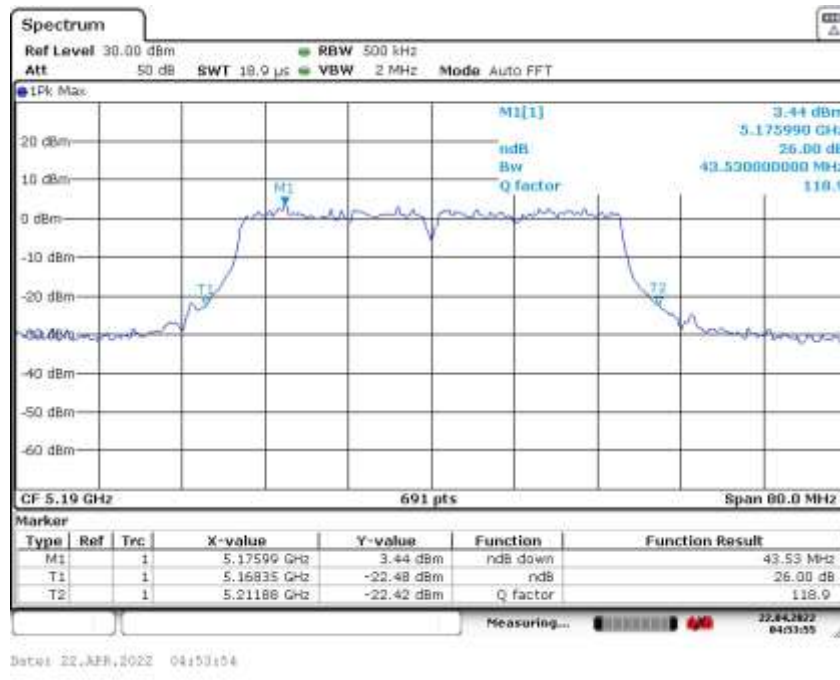
Channel: 48



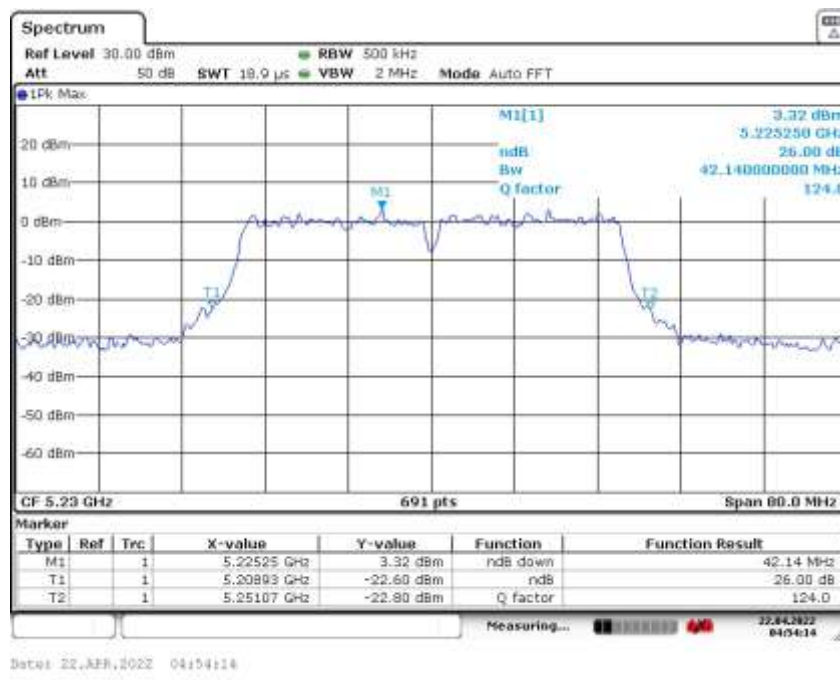
Report No.: AAEMT/EMC/220321-06-03

26dB BW 802.11ac40

Channel: 38



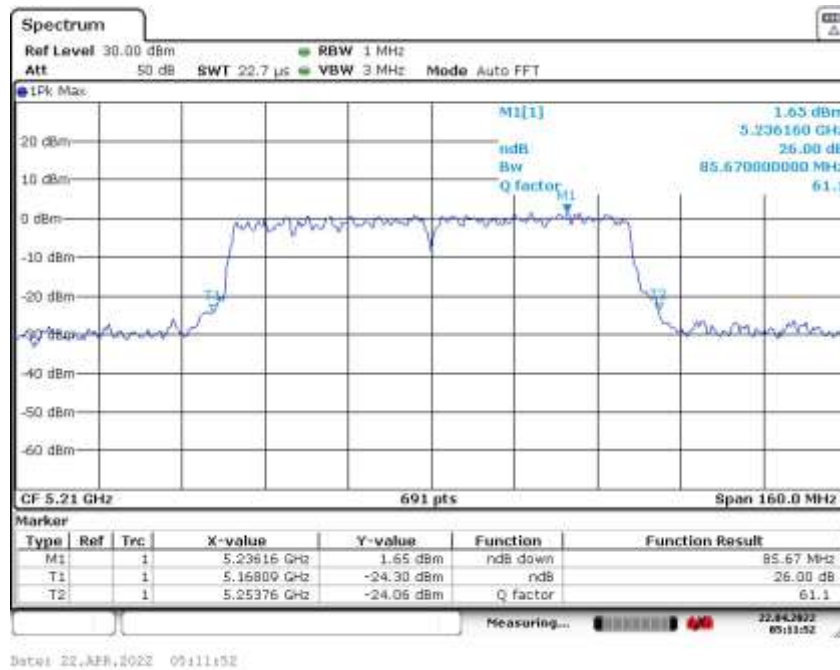
Channel: 46



Report No.: AAEMT/EMC/220321-06-03

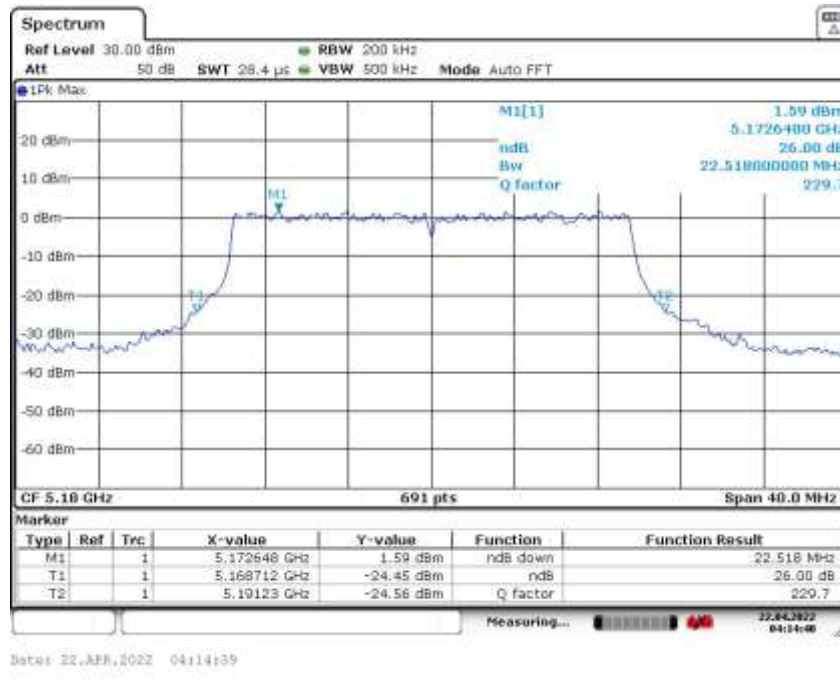
26dB BW 802.11ac80

Channel: 42

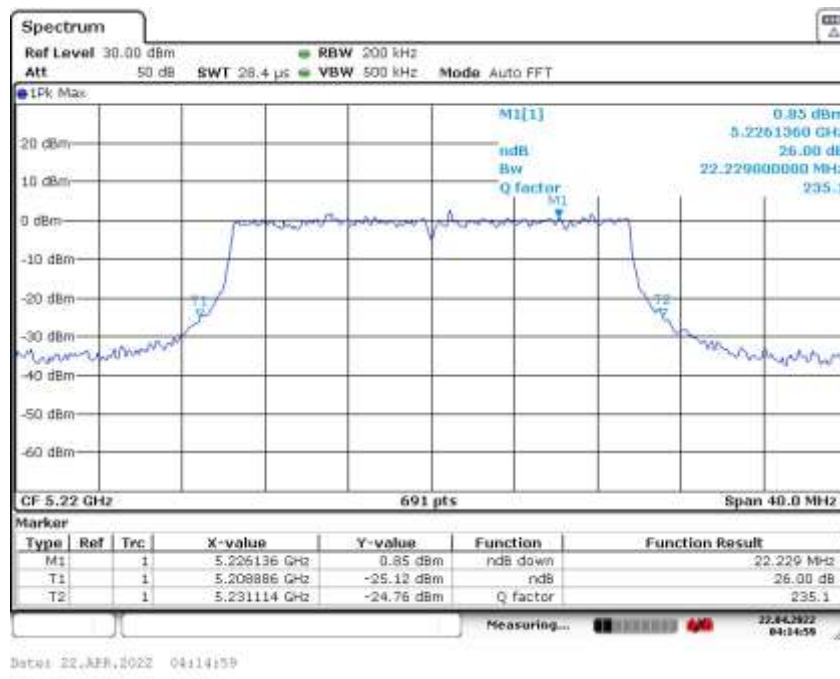


Report No.: AAEMT/EMC/220321-06-03

26dB BW 802.11ax20
Channel: 36

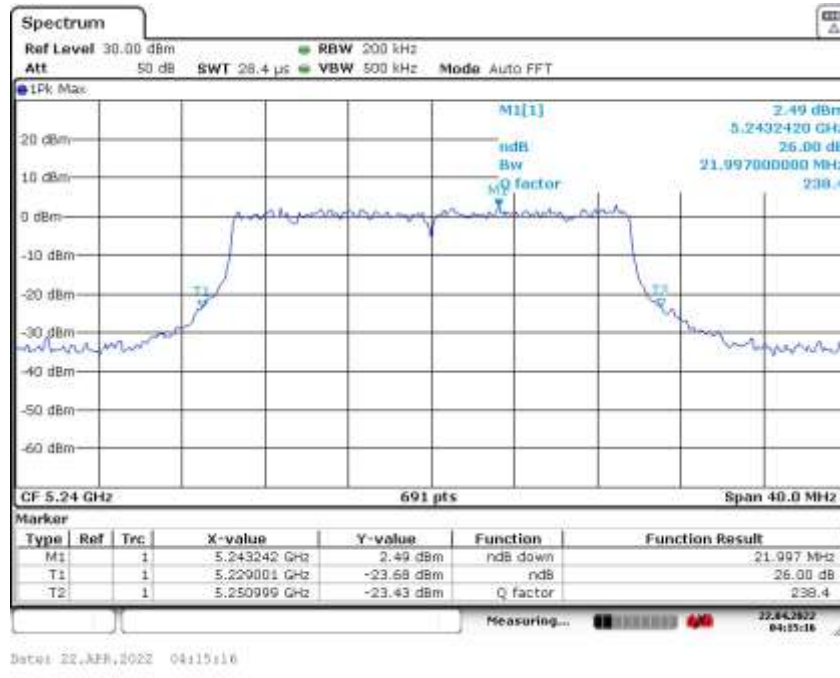


Channel: 44



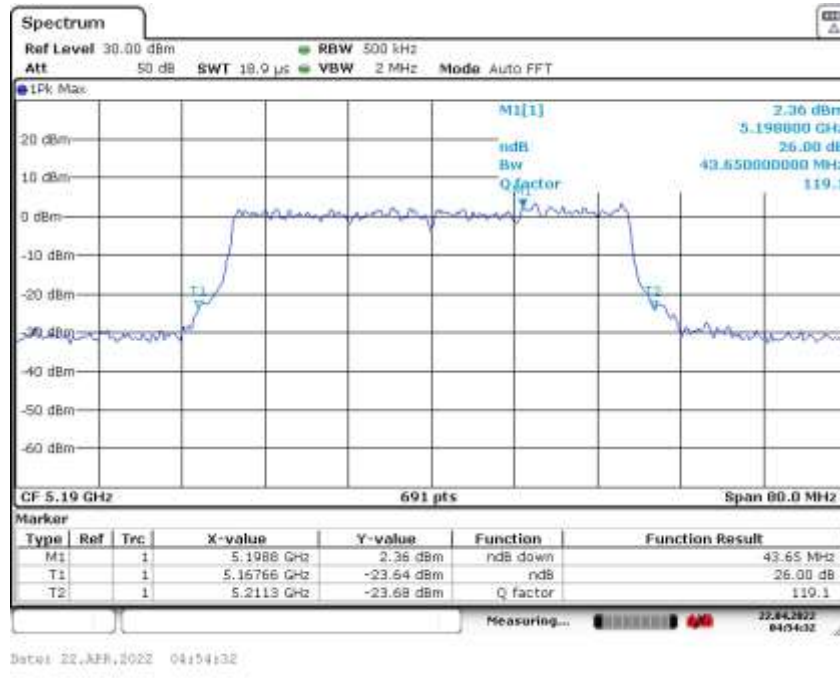
Report No.: AAEMT/EMC/220321-06-03

Channel: 48

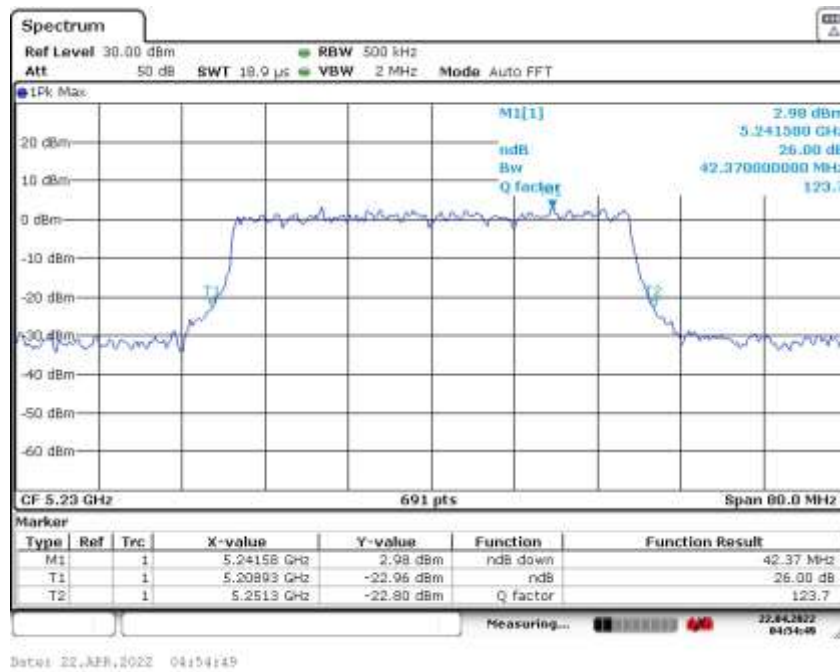


26dB BW 802.11ax40

Channel: 38

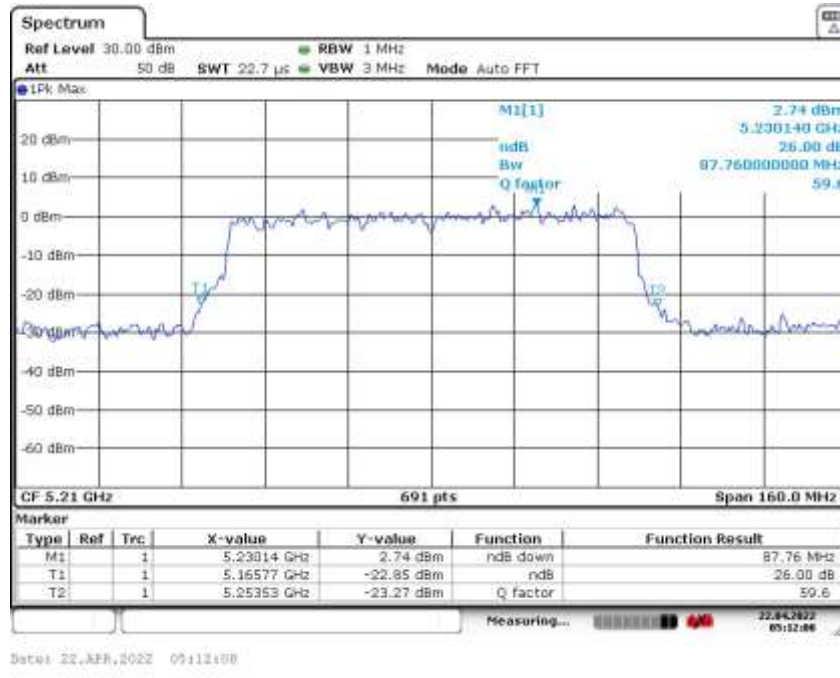


Channel: 46



26dB BW 802.11ax80

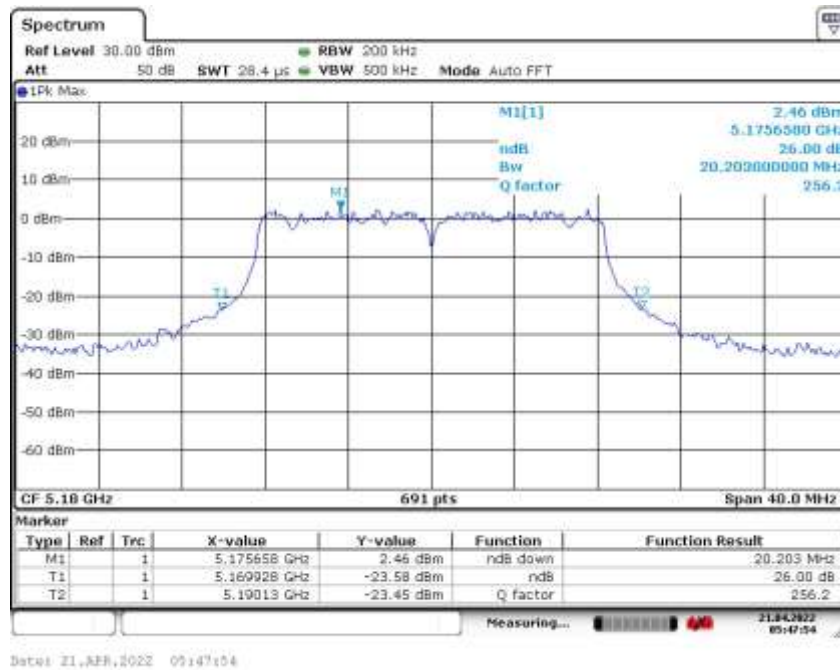
Channel: 42



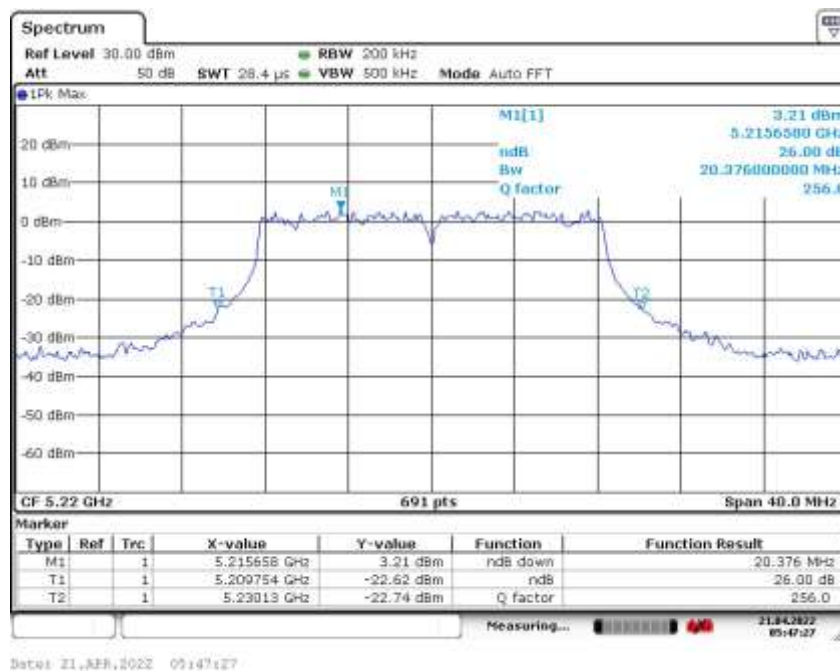
Report No.: AAEMT/EMC/220321-06-03

Test plots as followed: 5GHz_3

26dB BW 802.11a
Channel: 36

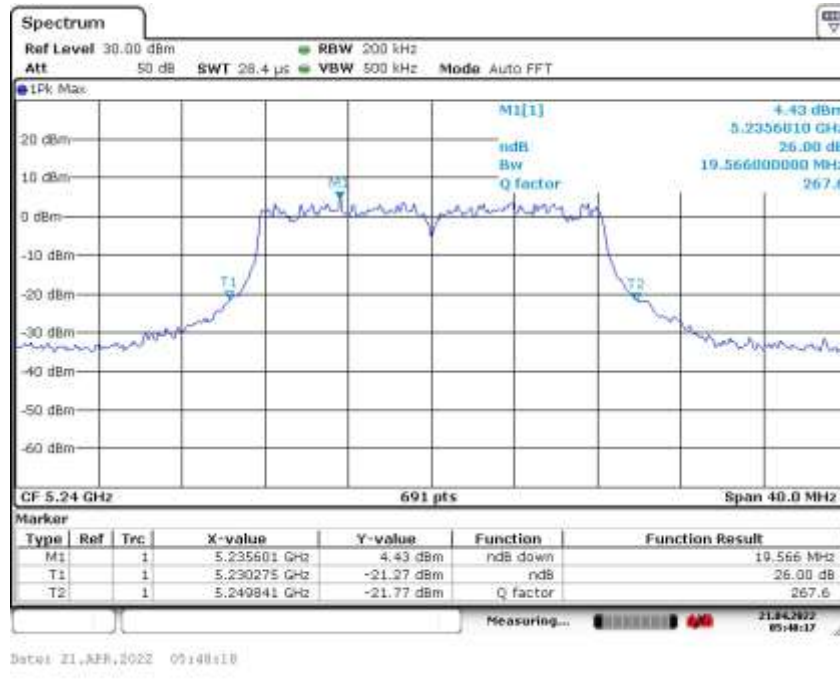


Channel: 44



Report No.: AAEMT/EMC/220321-06-03

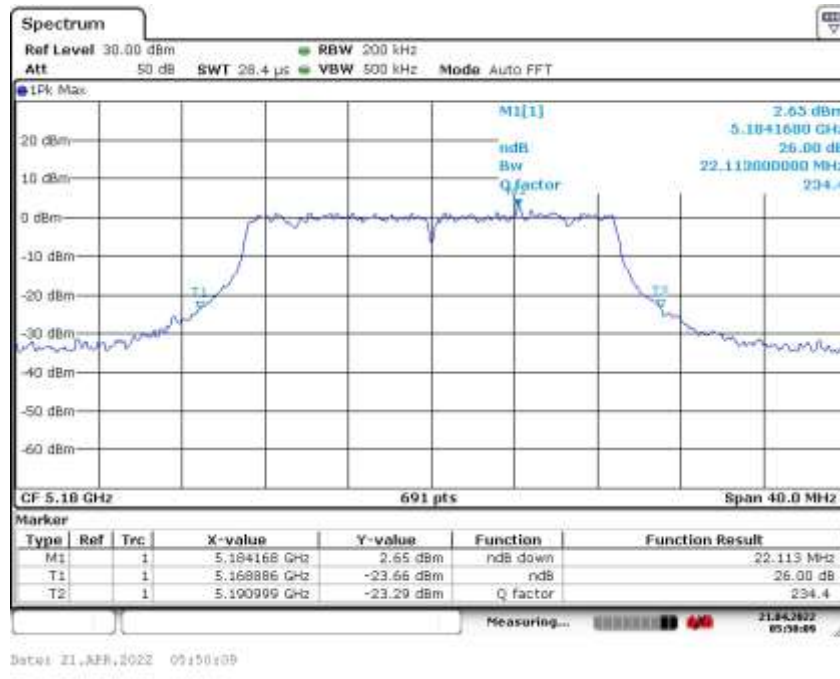
Channel: 48



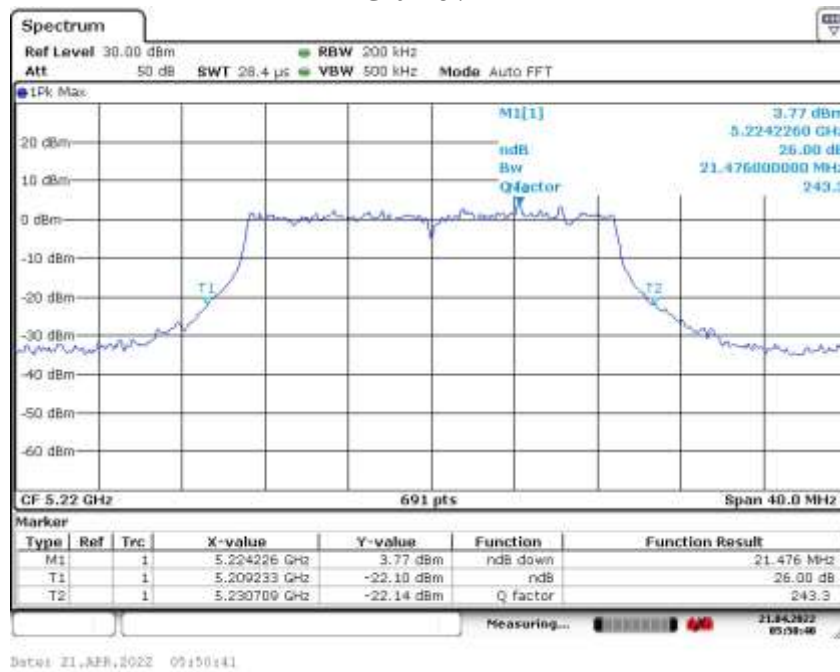
Report No.: AAEMT/EMC/220321-06-03

26dB BW 802.11n20

Channel: 36

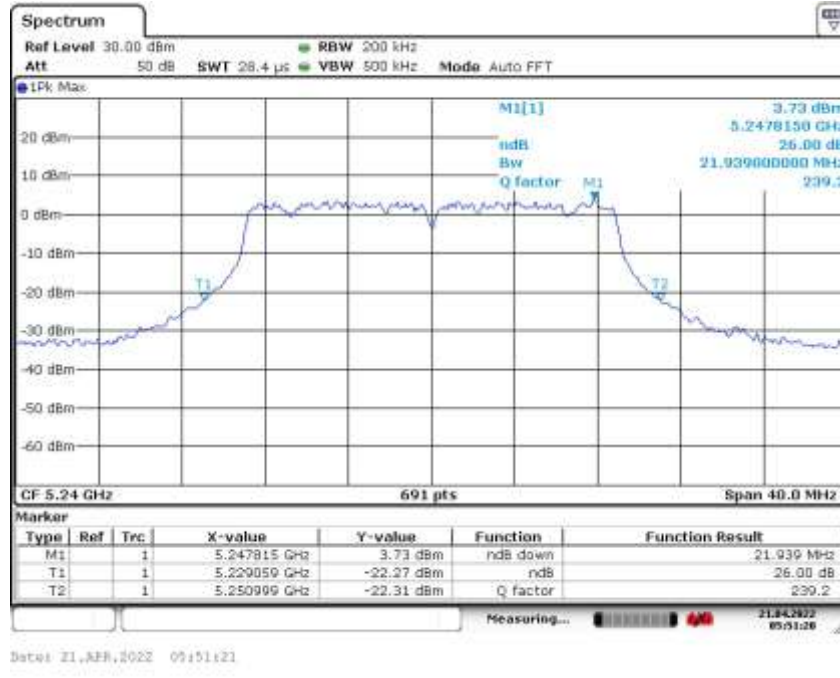


Channel: 44

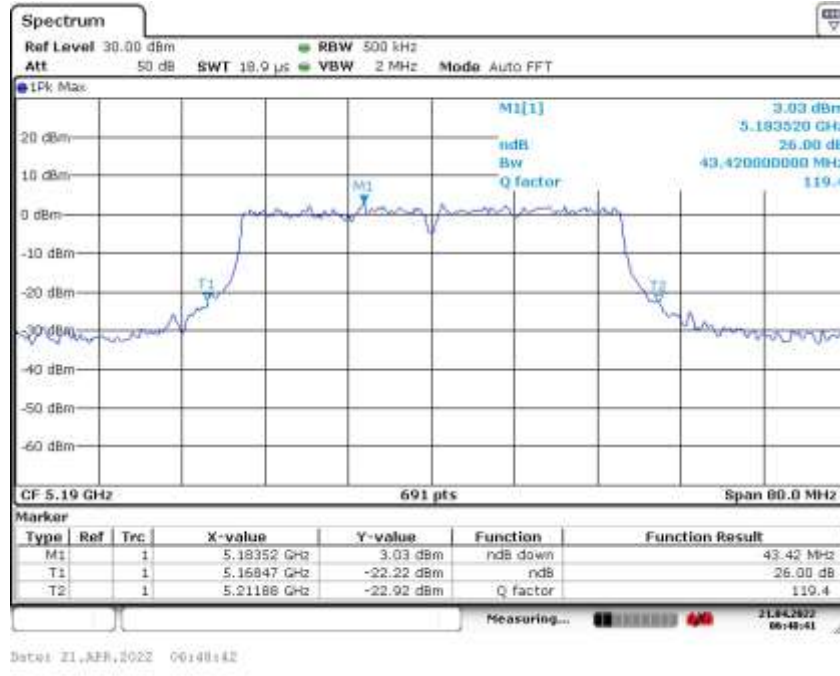


Report No.: AAEMT/EMC/220321-06-03

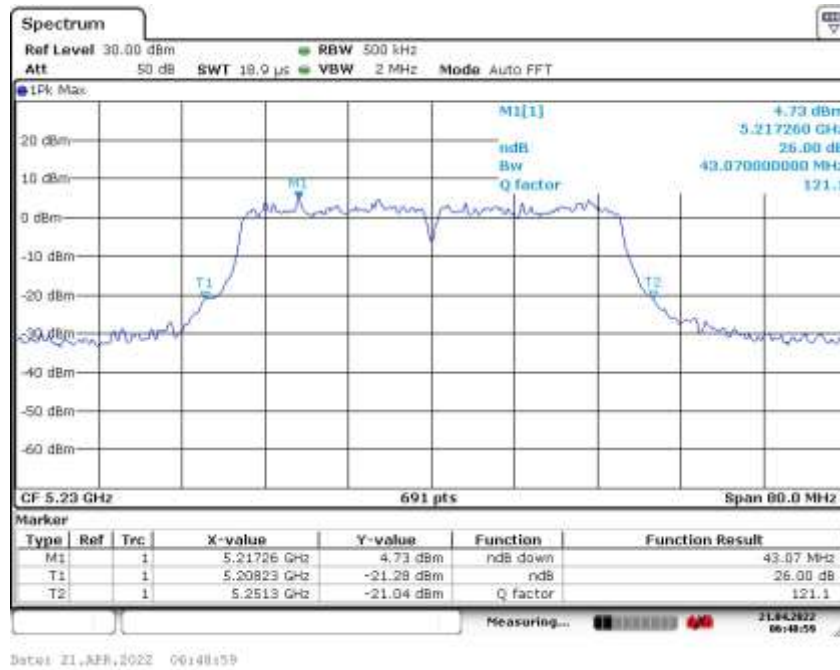
Channel: 48



26dB BW 802.11n40
Channel: 38



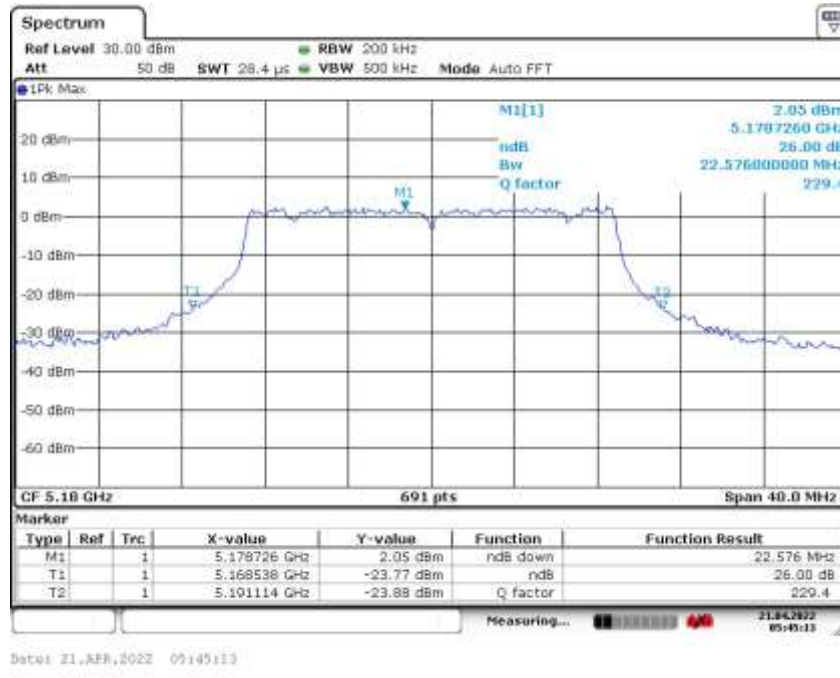
Channel: 46



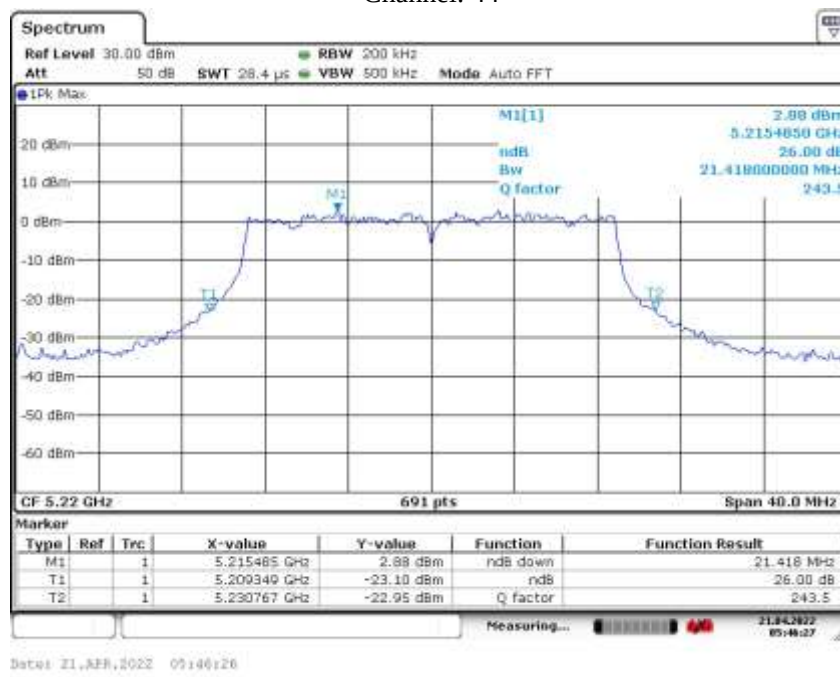
Report No.: AAEMT/EMC/220321-06-03

26dB BW 802.11ac20

Channel: 36

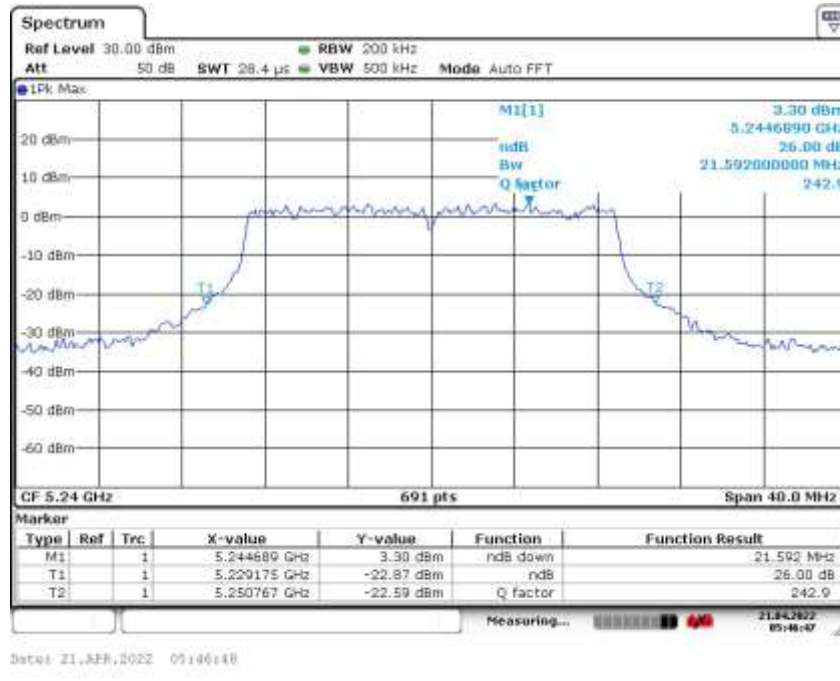


Channel: 44



Report No.: AAEMT/EMC/220321-06-03

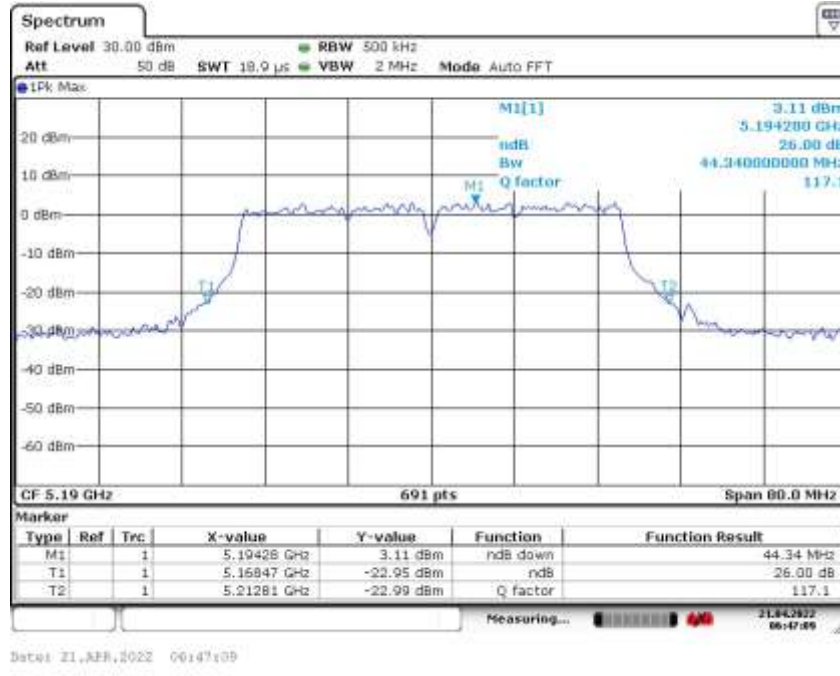
Channel: 48



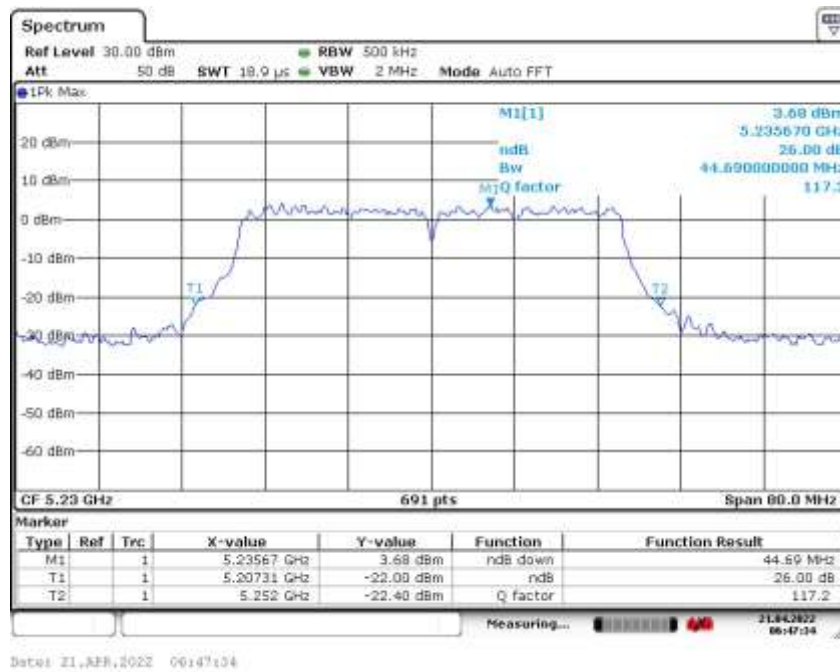
Report No.: AAEMT/EMC/220321-06-03

26dB BW 802.11ac40

Channel: 38

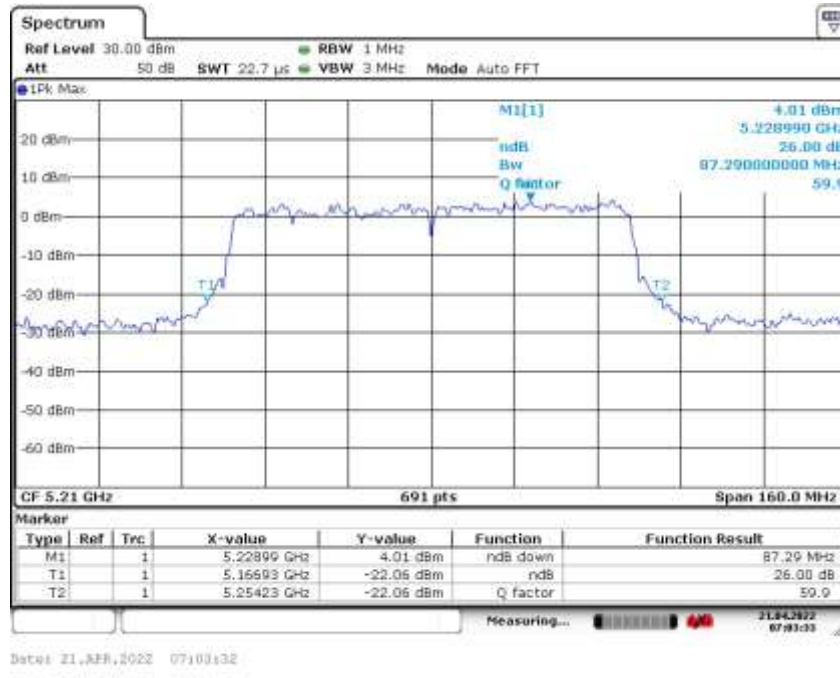


Channel: 46



26dB BW 802.11ac80

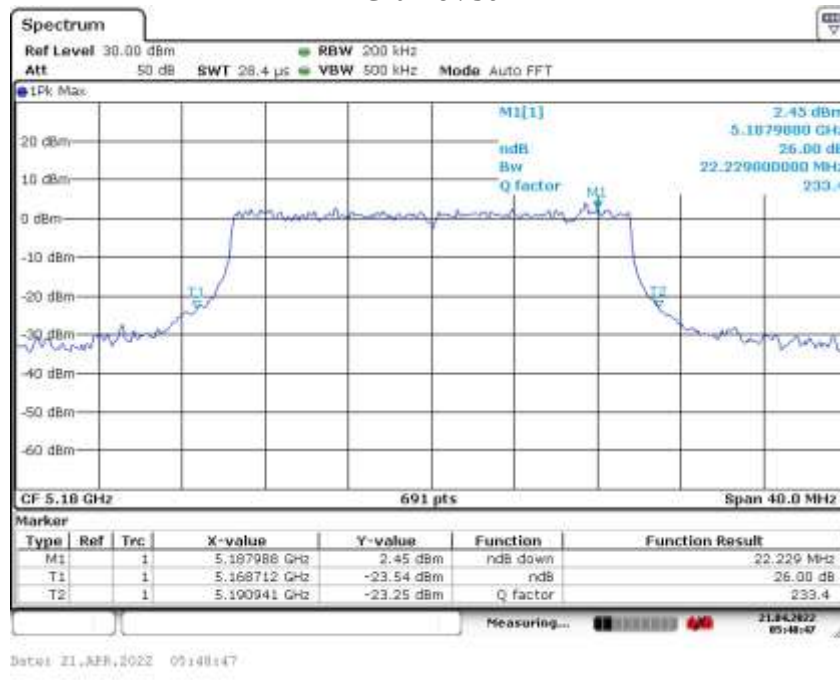
Channel: 42



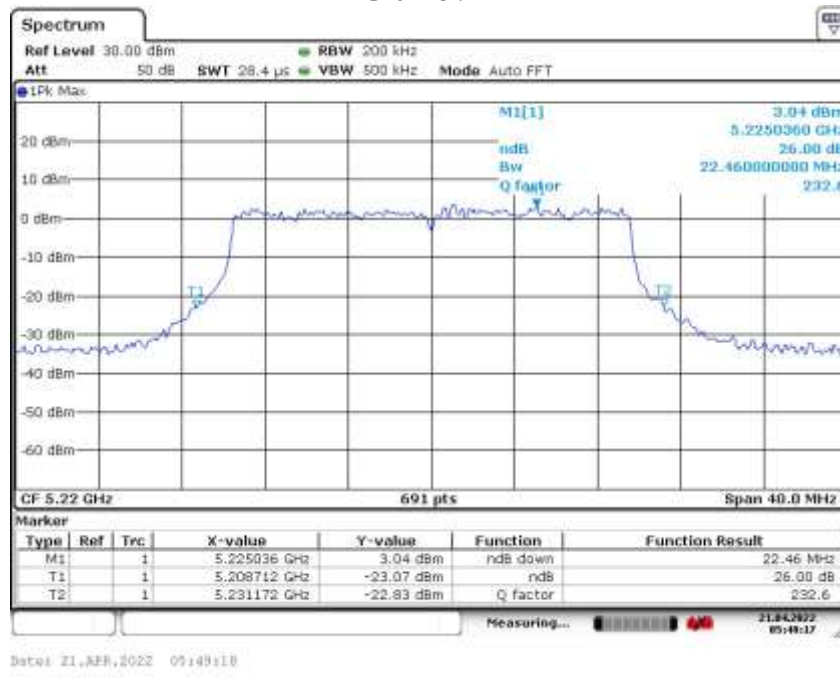
Report No.: AAEMT/EMC/220321-06-03

26dB BW 802.11ax20

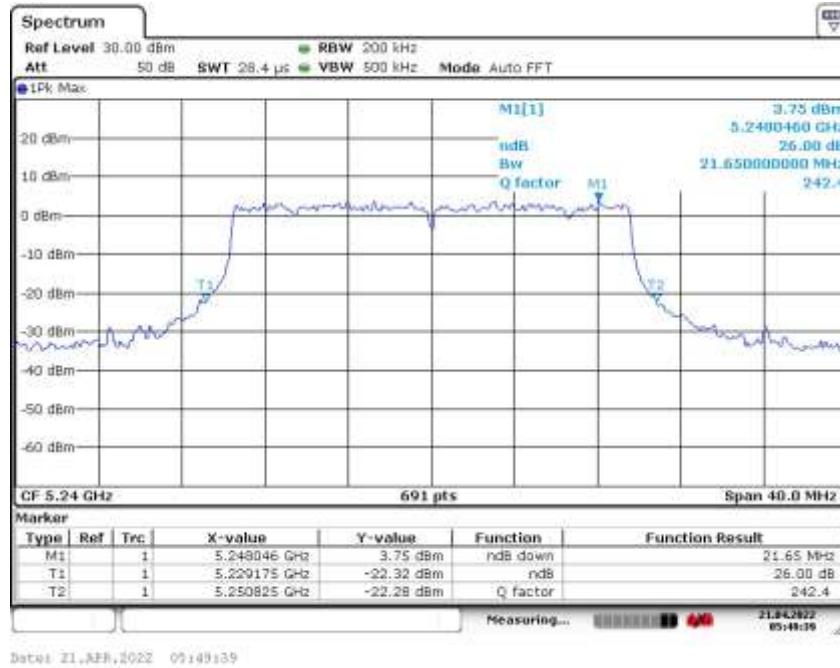
Channel: 36



Channel: 44

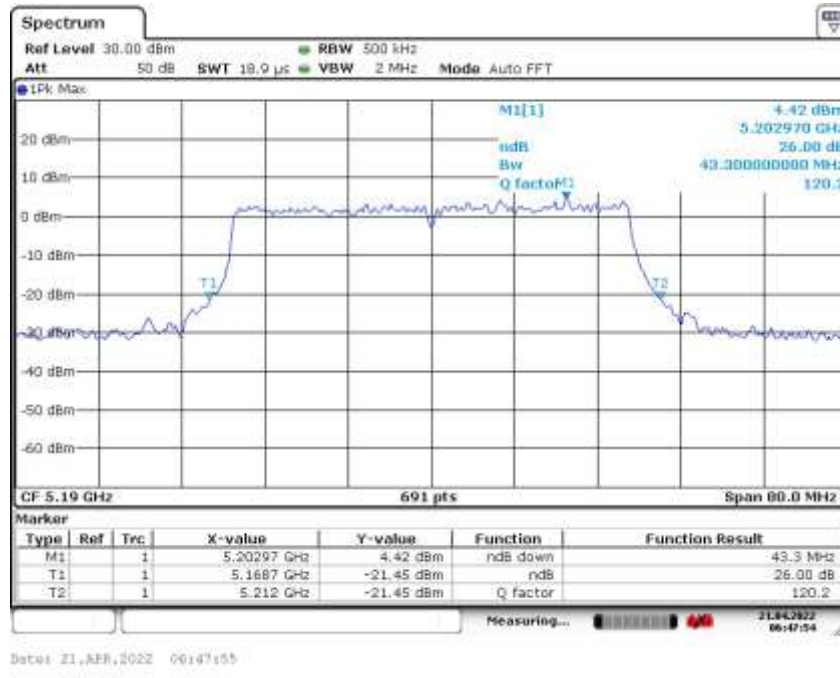


Channel: 48

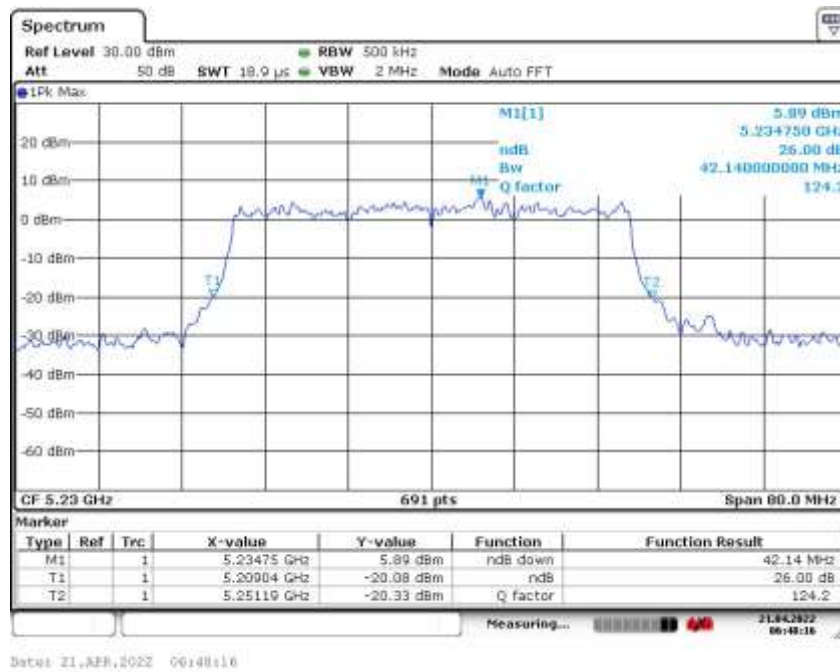


26dB BW 802.11ax40

Channel: 38



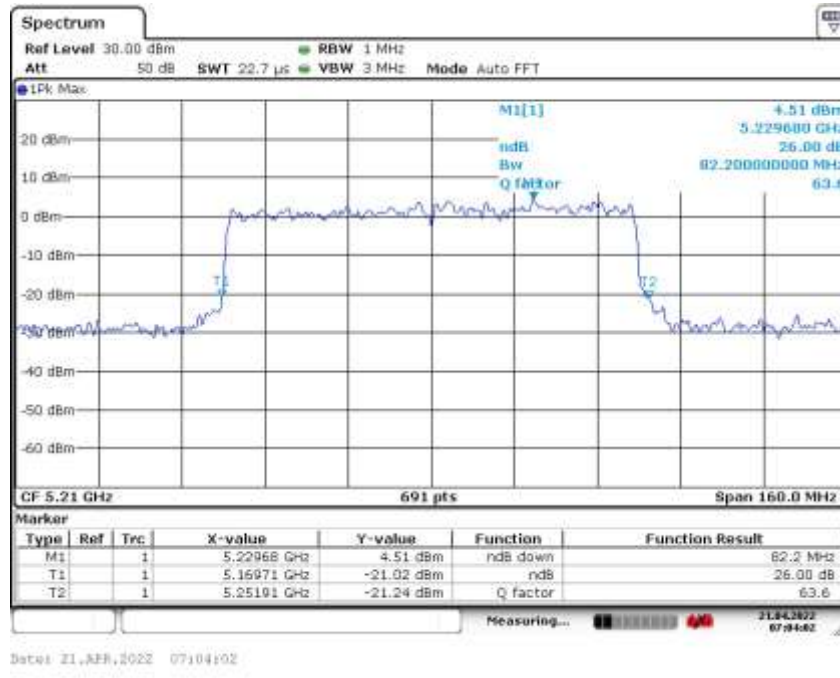
Channel: 46



Report No.: AAEMT/EMC/220321-06-03

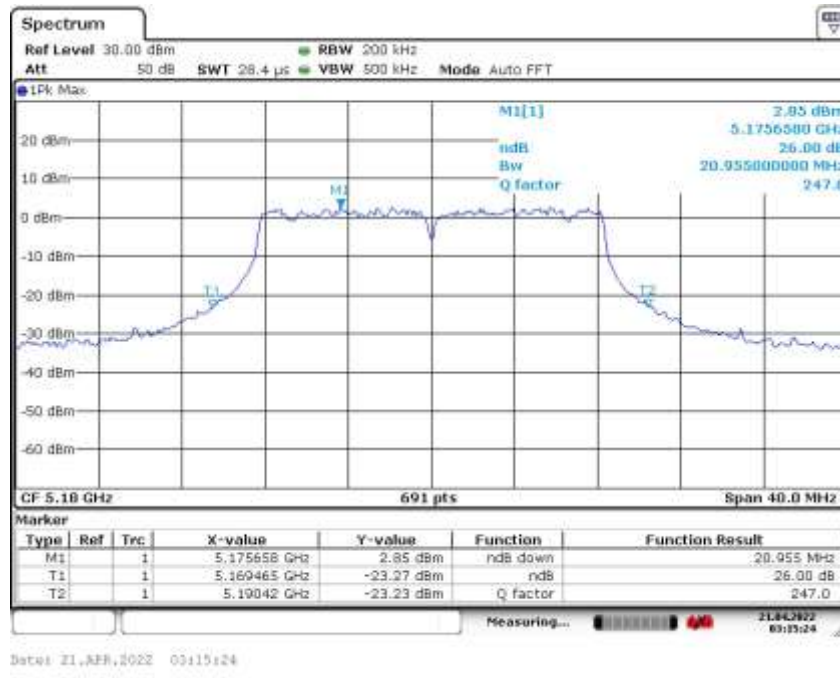
26dB BW 802.11ax80

Channel: 42

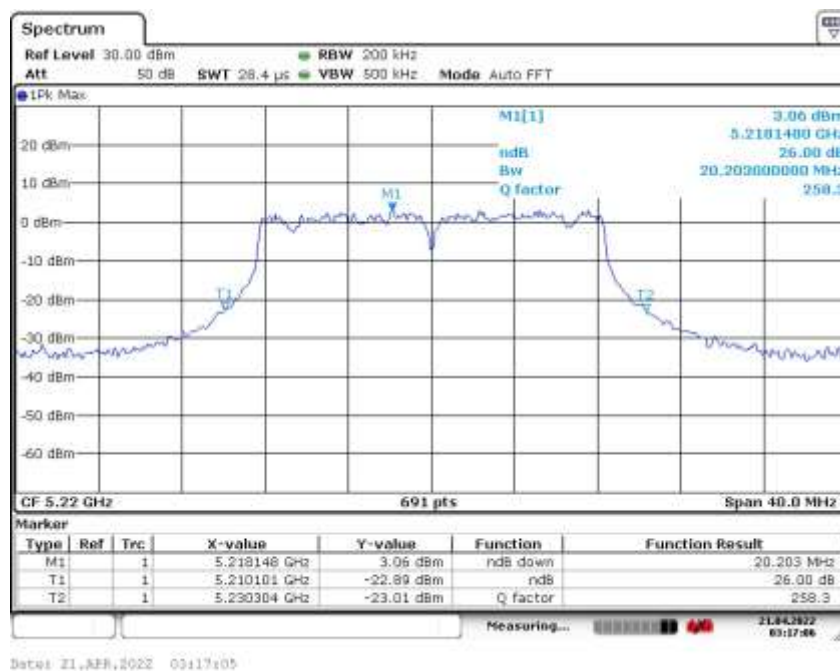


Test plots as followed: 5GHz_4

26dB BW 802.11a
Channel: 36

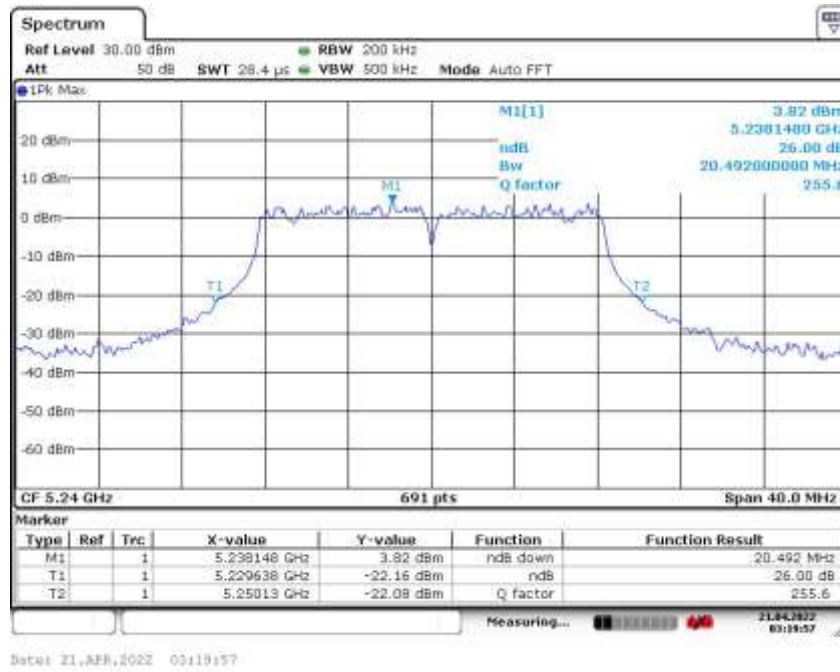


Channel: 44



Report No.: AAEMT/EMC/220321-06-03

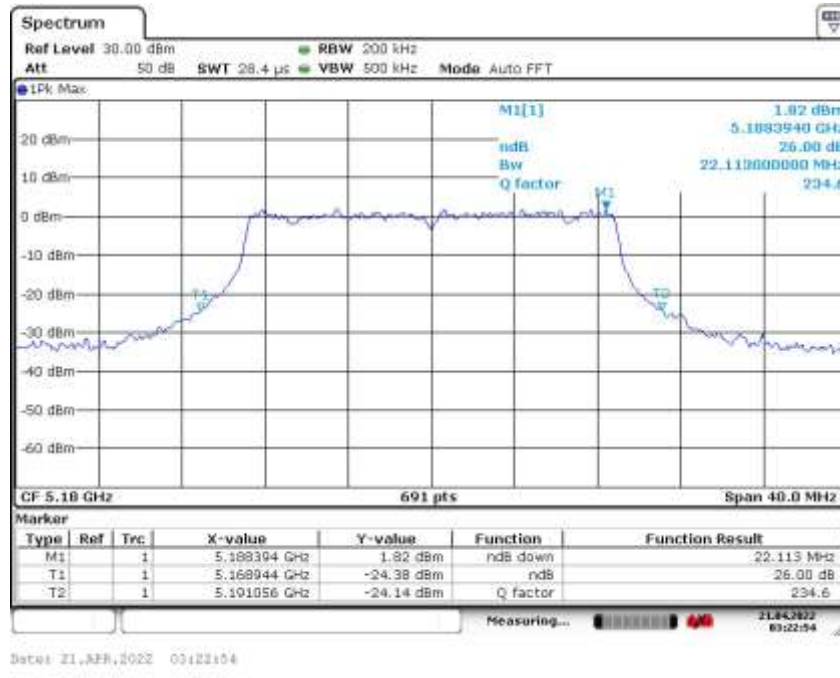
Channel: 48



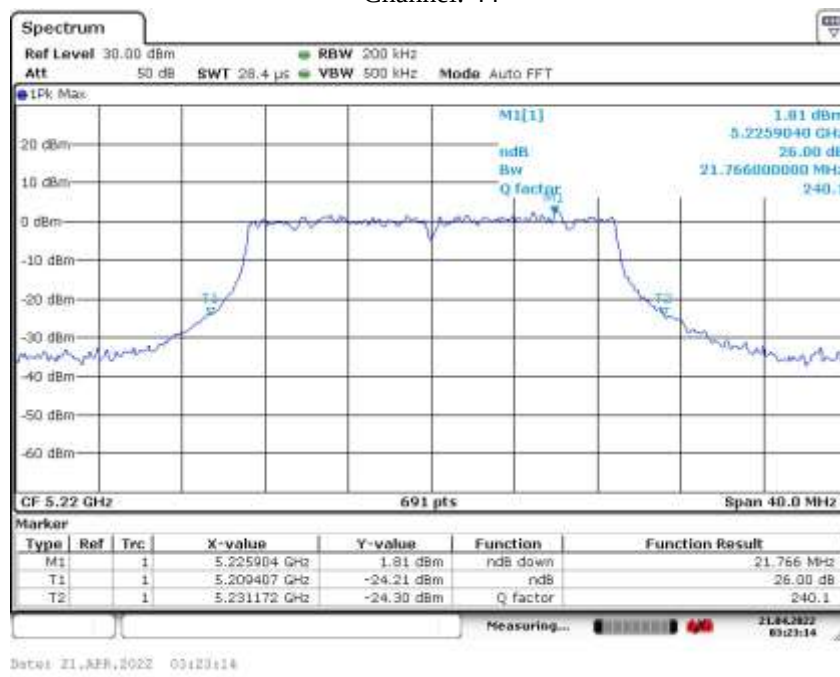
Report No.: AAEMT/EMC/220321-06-03

26dB BW 802.11n20

Channel: 36

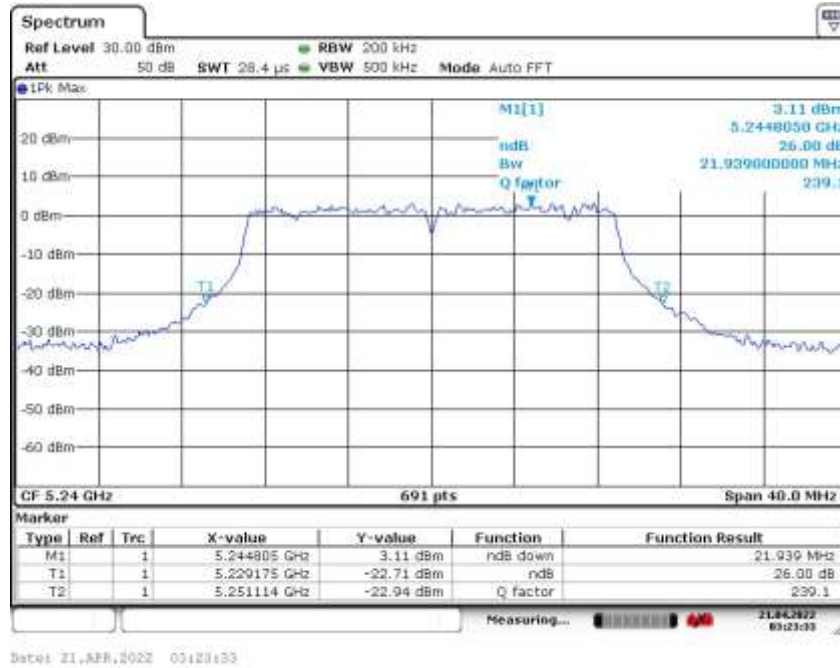


Channel: 44



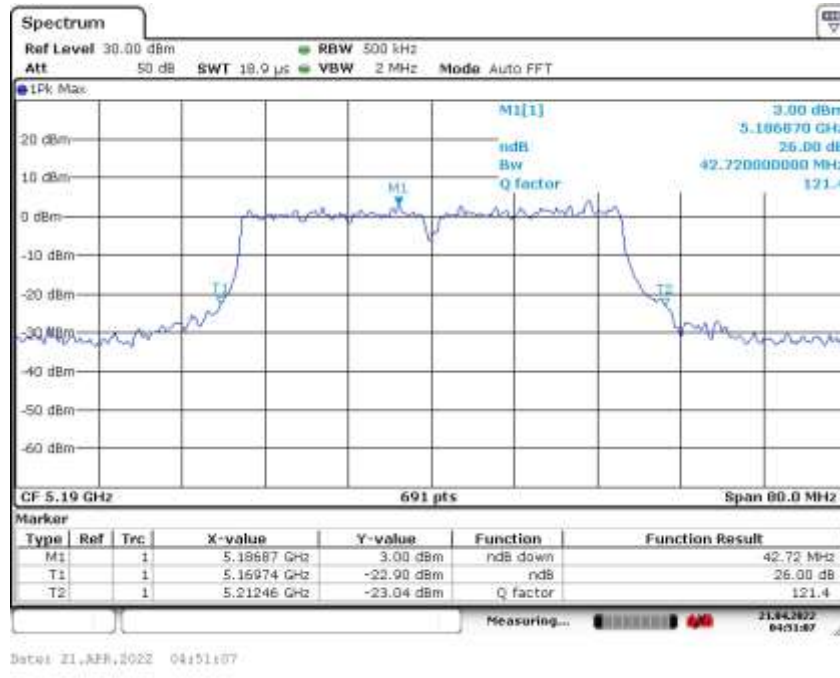
Report No.: AAEMT/EMC/220321-06-03

Channel: 48

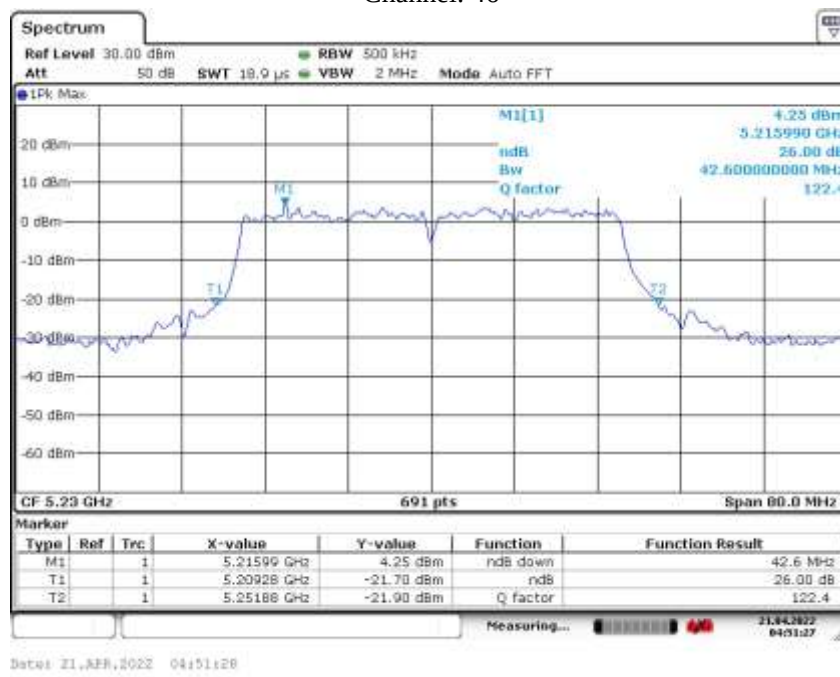


26dB BW 802.11n40

Channel: 38



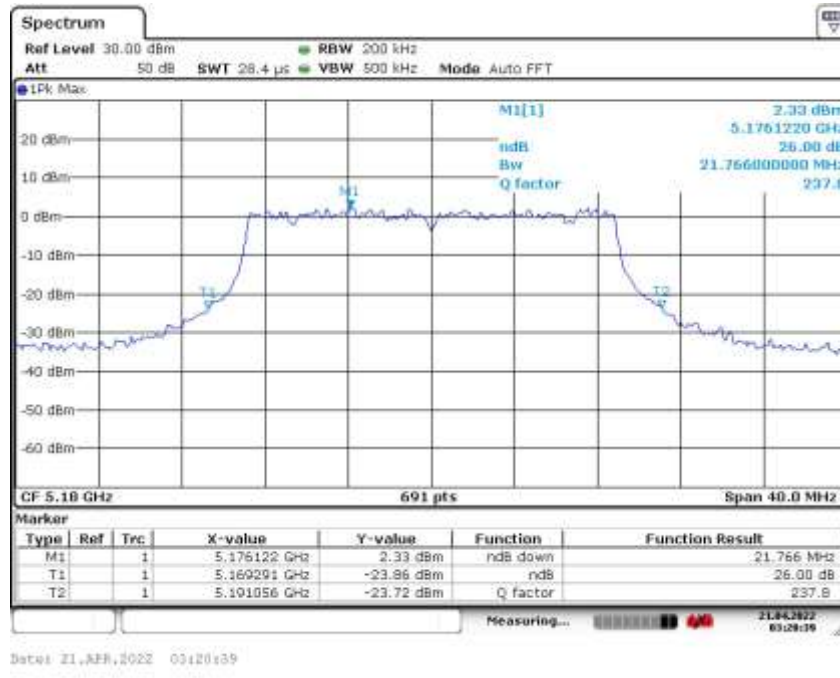
Channel: 46



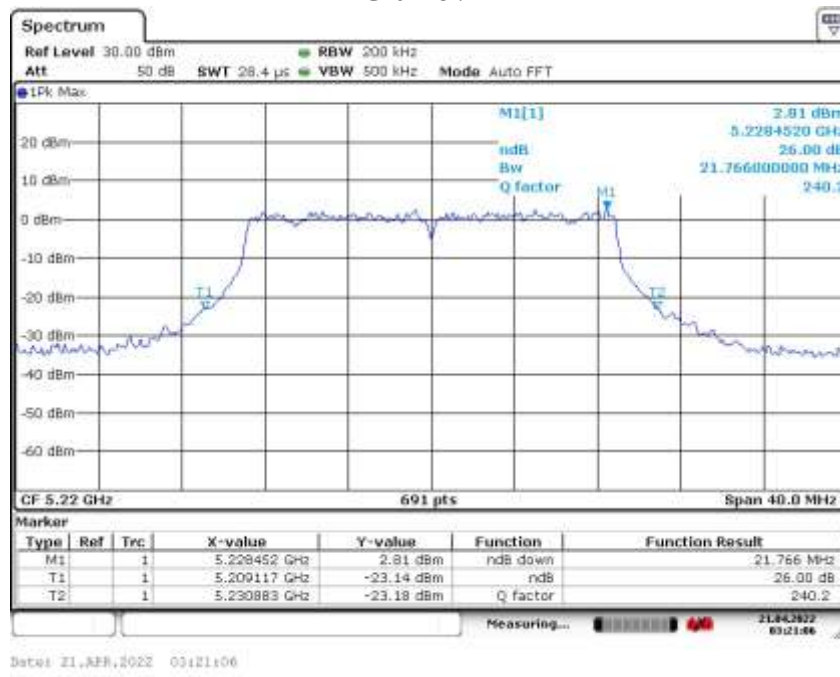
Report No.: AAEMT/EMC/220321-06-03

26dB BW 802.11ac20

Channel: 36

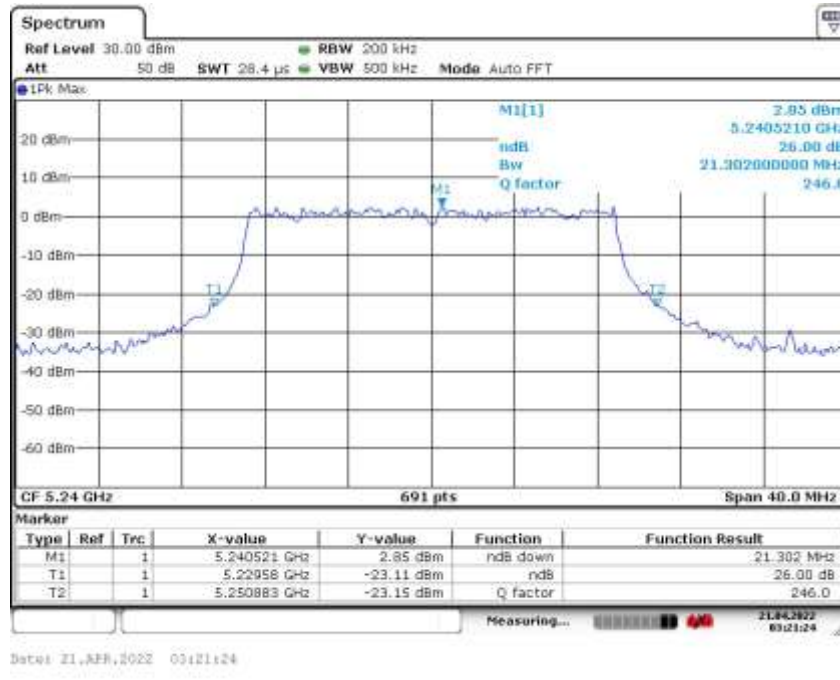


Channel: 44



Report No.: AAEMT/EMC/220321-06-03

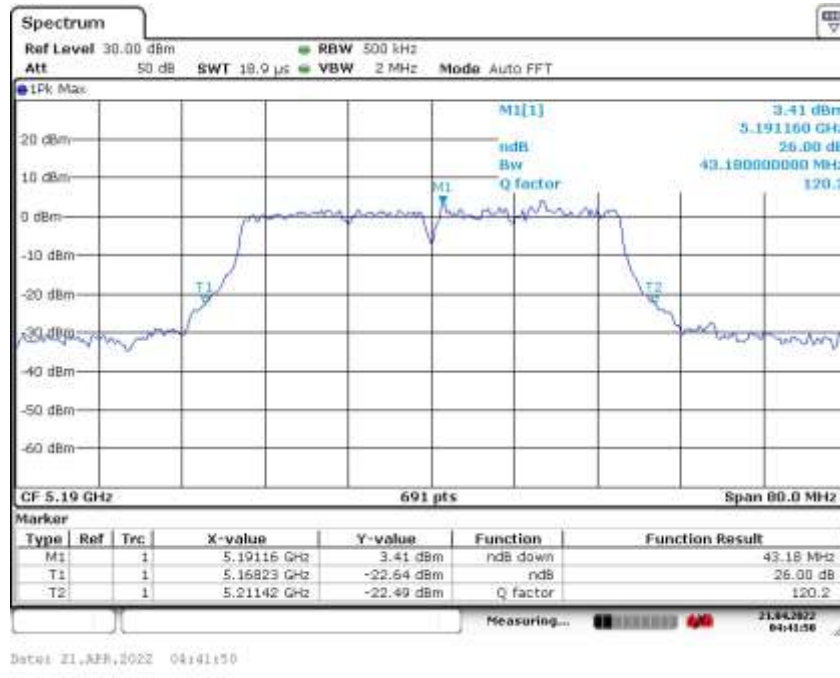
Channel: 48



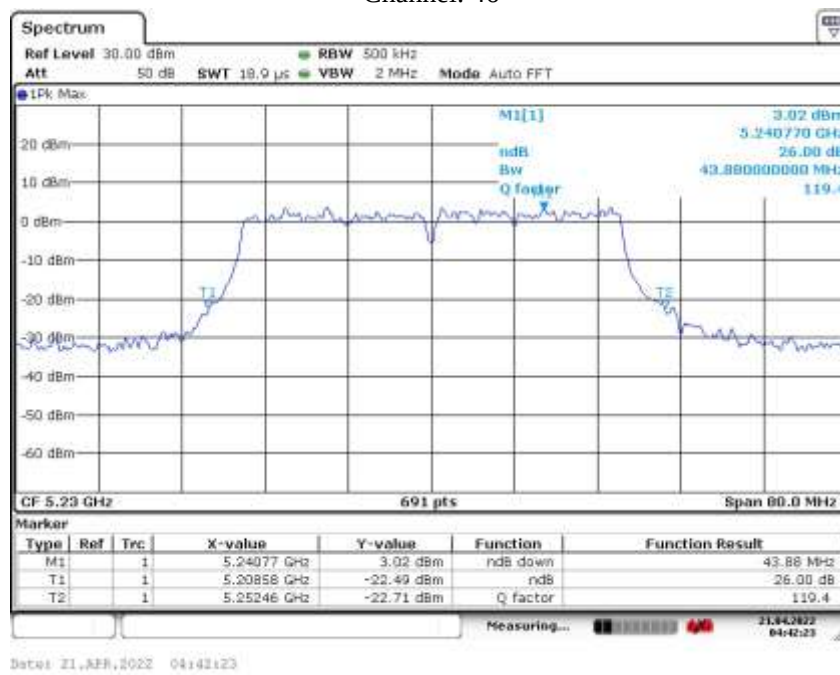
Report No.: AAEMT/EMC/220321-06-03

26dB BW 802.11ac40

Channel: 38

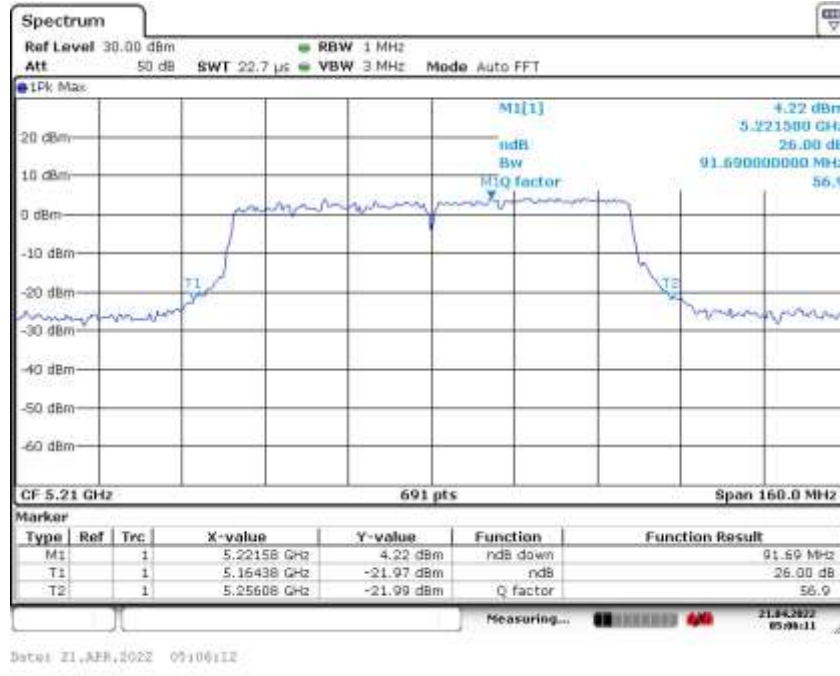


Channel: 46



26dB BW 802.11ac80

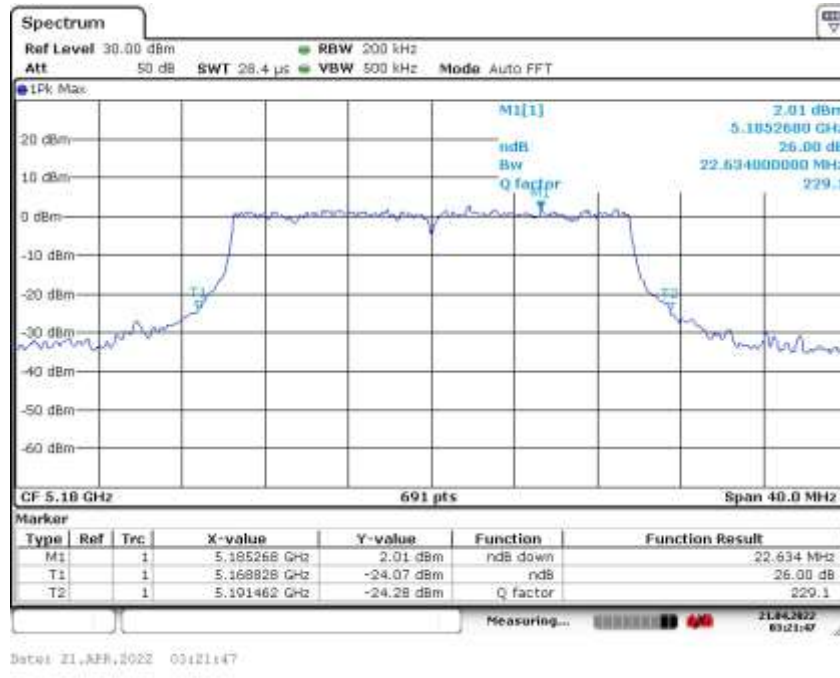
Channel: 42



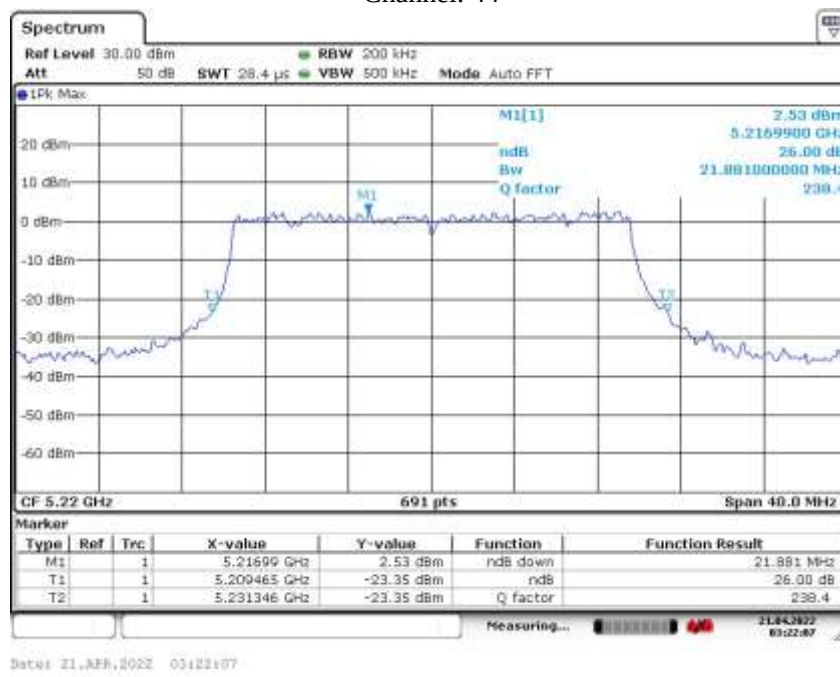
Report No.: AAEMT/EMC/220321-06-03

26dB BW 802.11ax20

Channel: 36

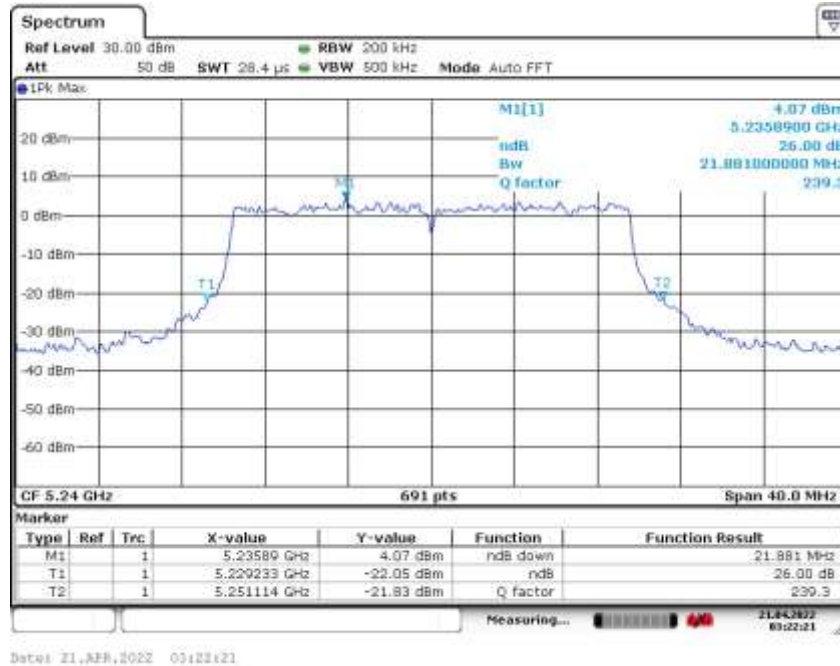


Channel: 44



Report No.: AAEMT/EMC/220321-06-03

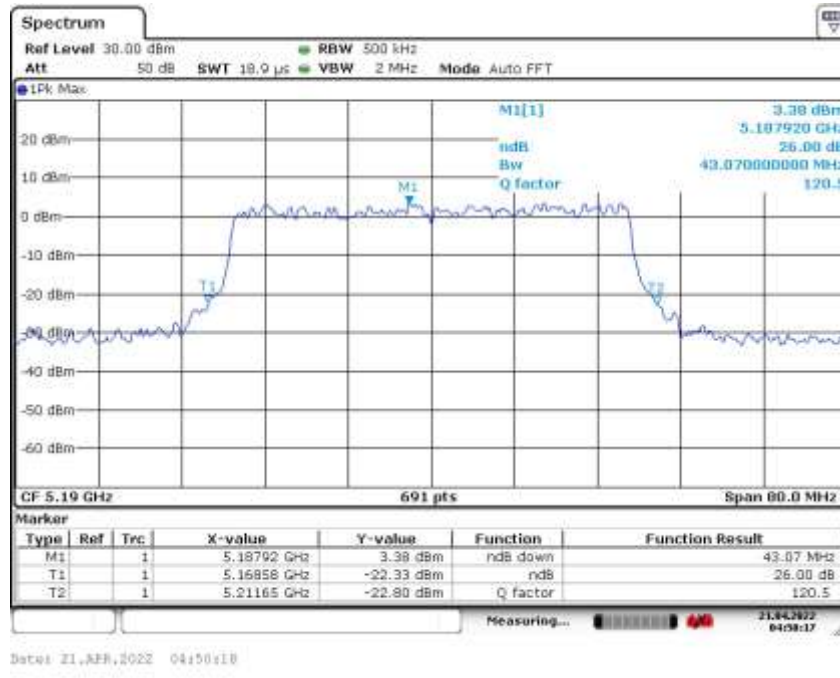
Channel: 48



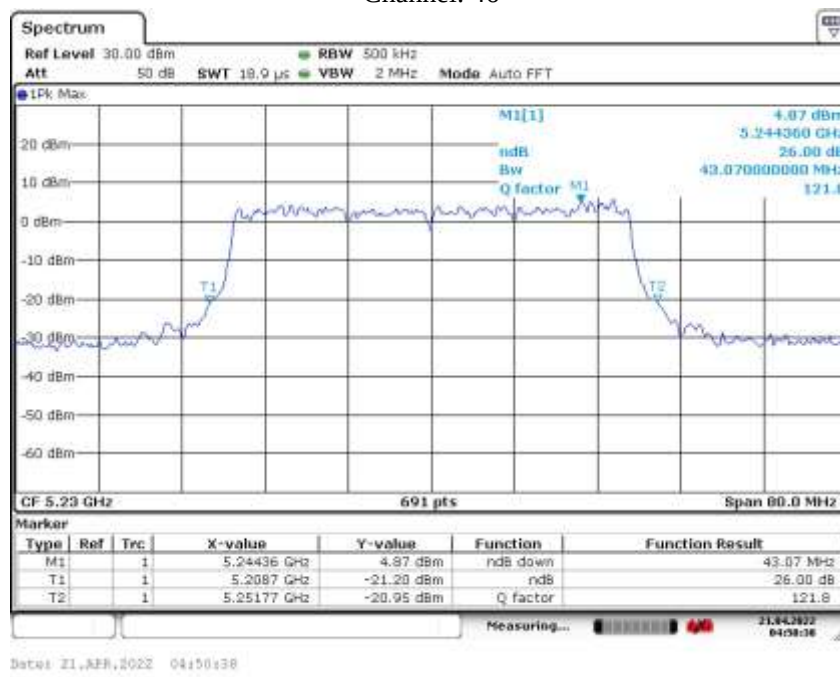
Report No.: AAEMT/EMC/220321-06-03

26dB BW 802.11ax40

Channel: 38

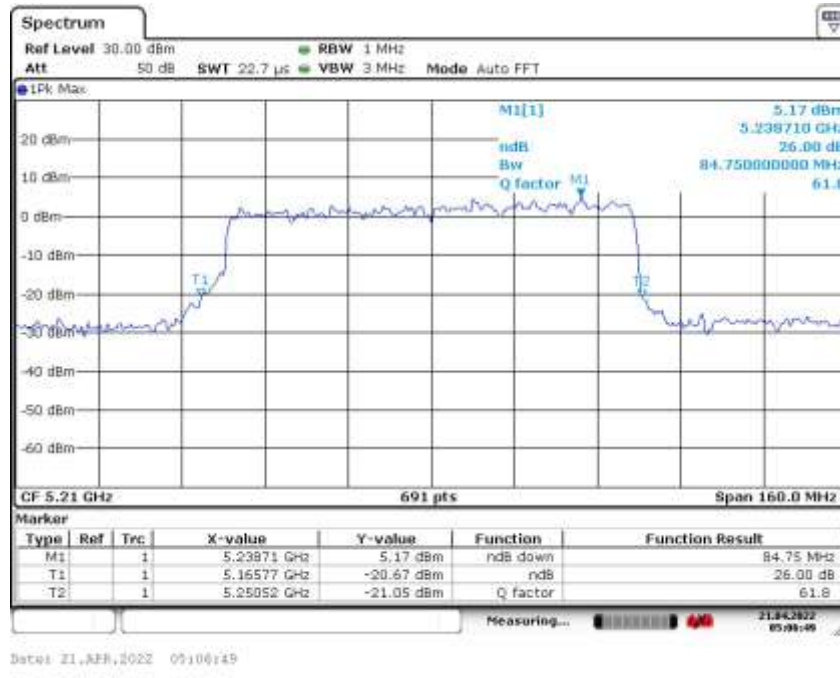


Channel: 46



26dB BW 802.11ax80

Channel: 42

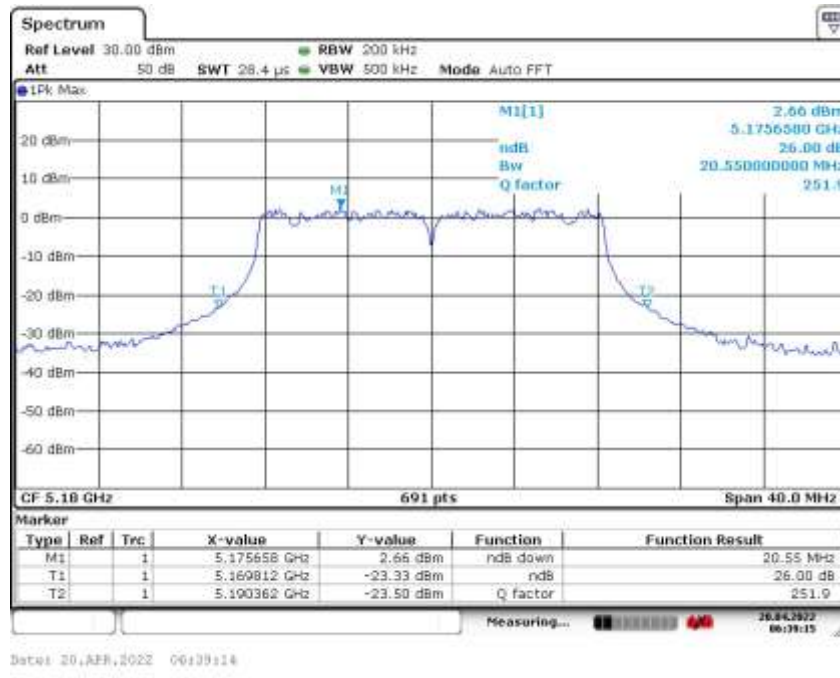


Report No.: AAEMT/EMC/220321-06-03

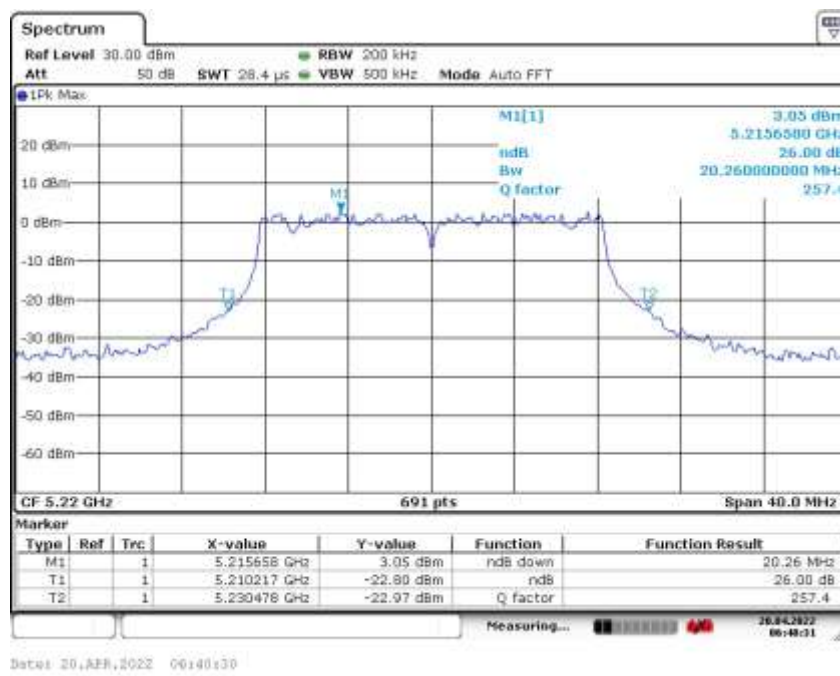
Test plots as followed: 5GHz_5

26dB BW 802.11a

Channel: 36

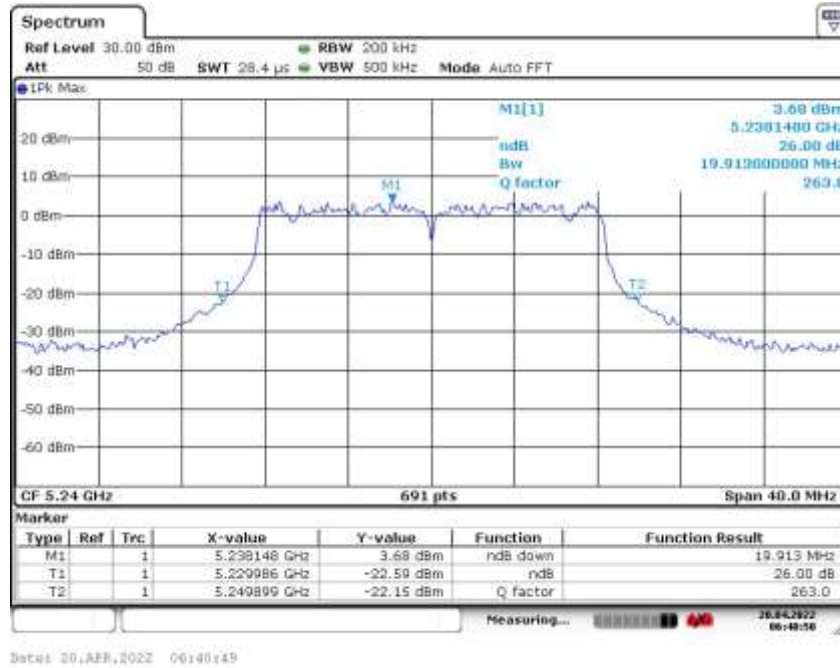


Channel: 44



Report No.: AAEMT/EMC/220321-06-03

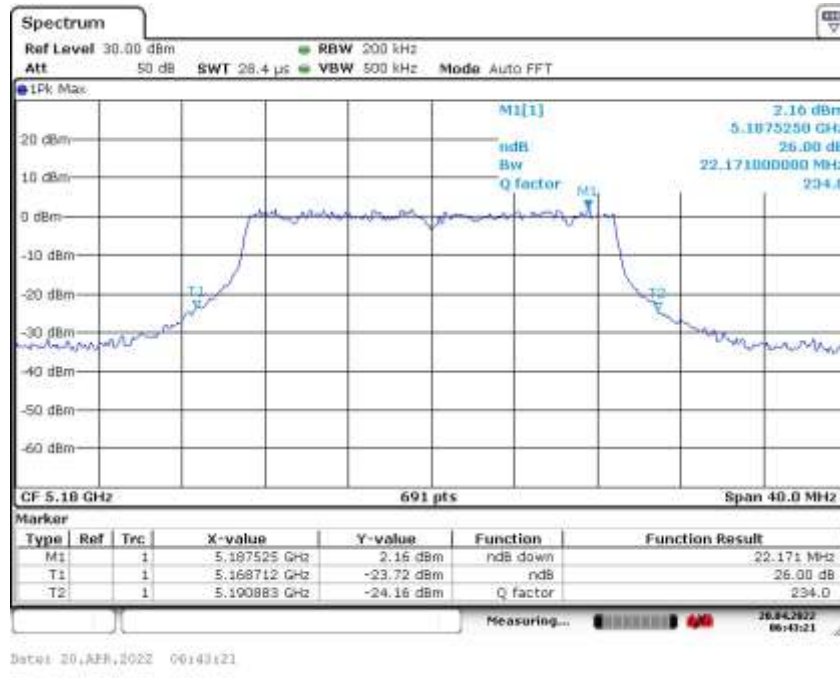
Channel: 48



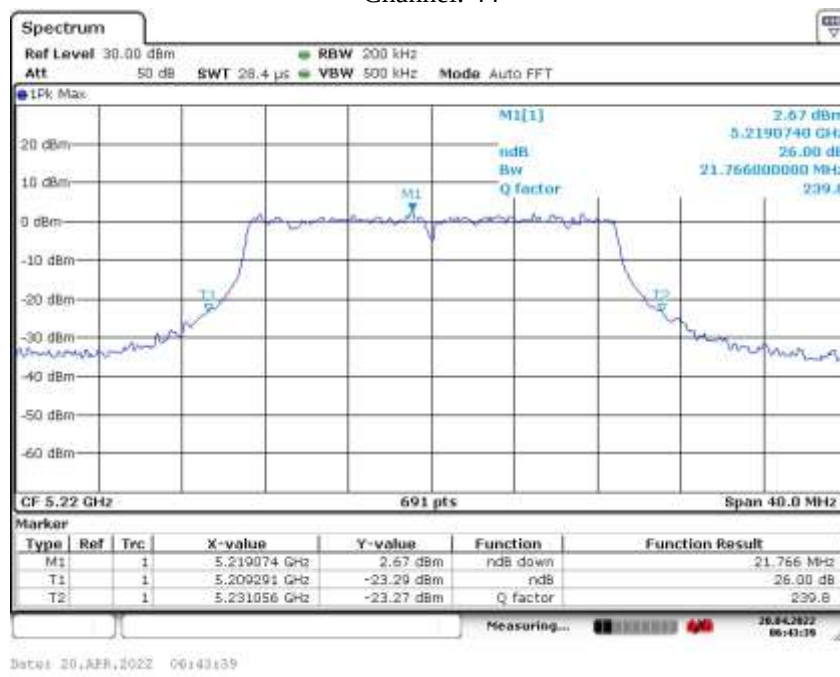
Report No.: AAEMT/EMC/220321-06-03

26dB BW 802.11n20

Channel: 36

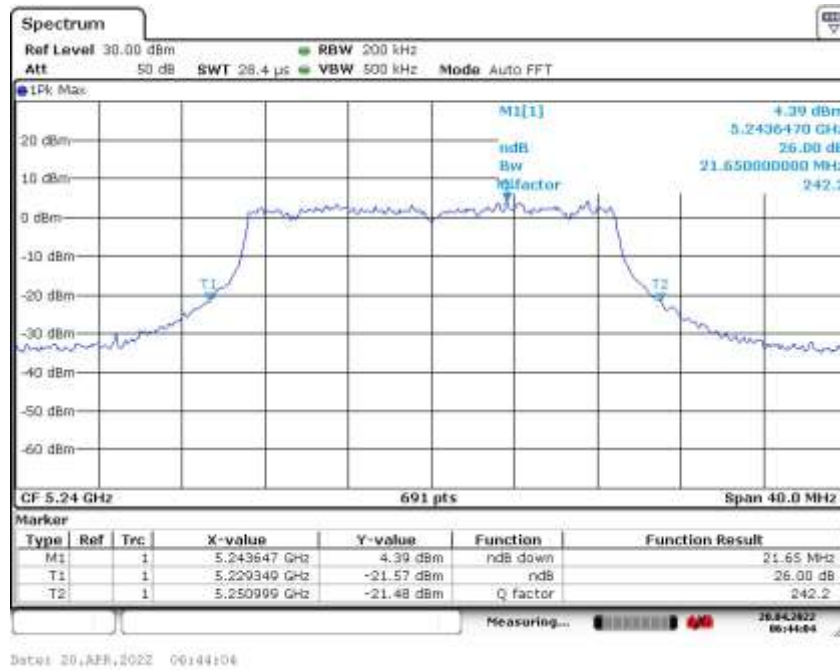


Channel: 44



Report No.: AAEMT/EMC/220321-06-03

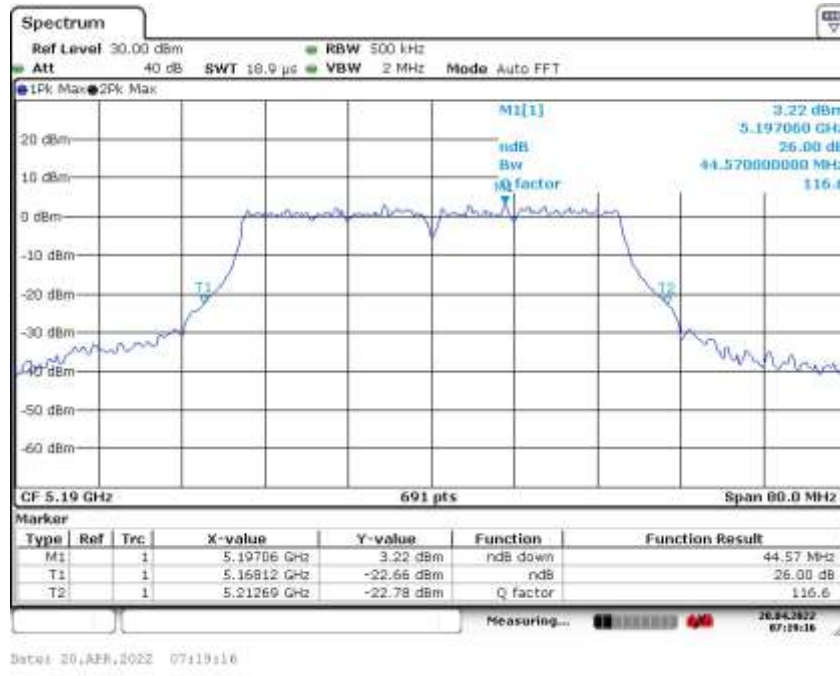
Channel: 48



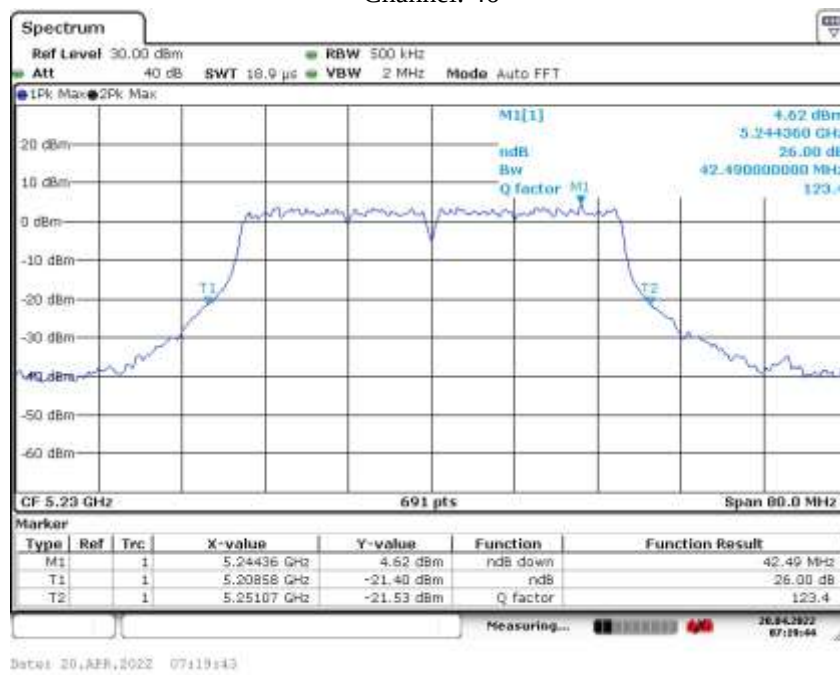
Report No.: AAEMT/EMC/220321-06-03

26dB BW 802.11n40

Channel: 38



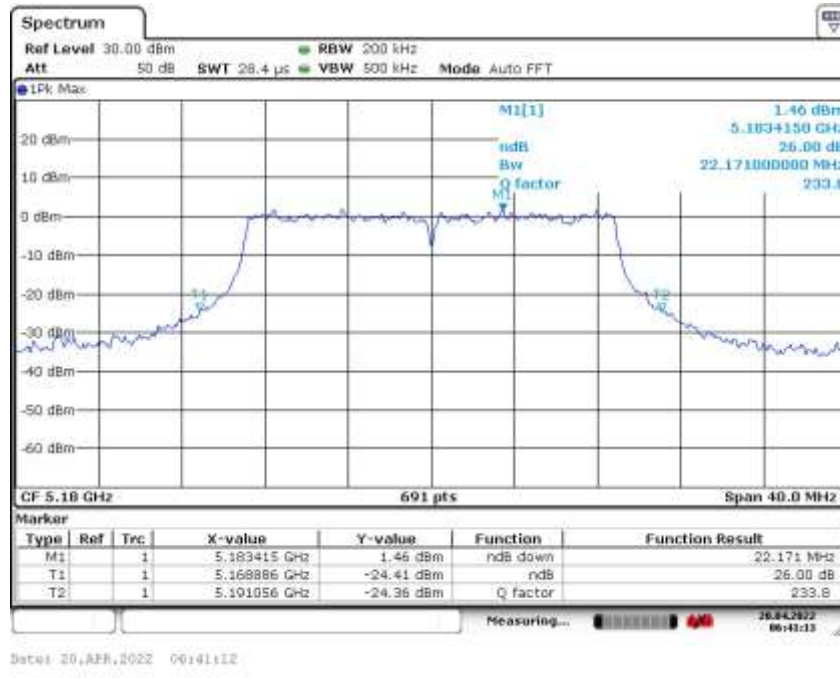
Channel: 46



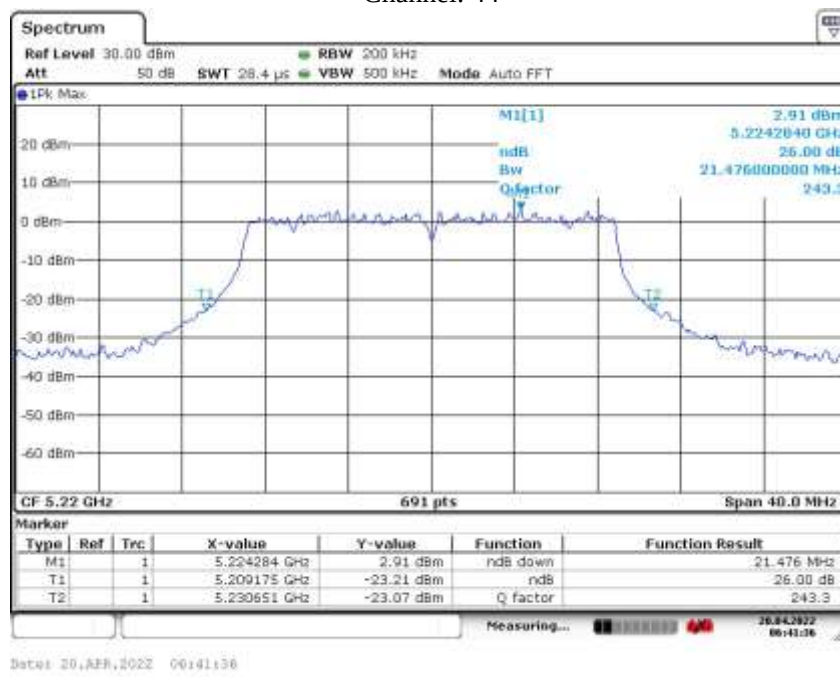
Report No.: AAEMT/EMC/220321-06-03

26dB BW 802.11ac20

Channel: 36

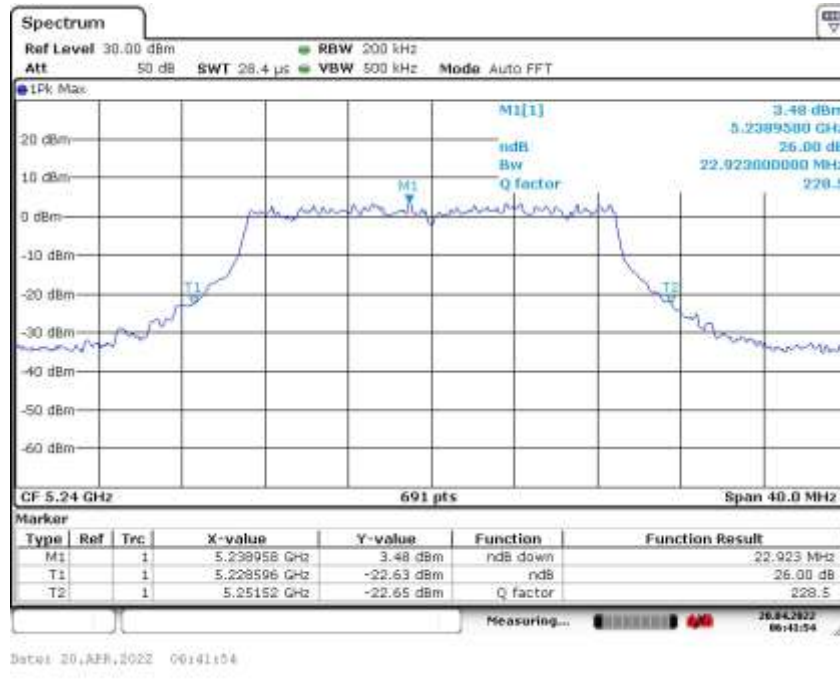


Channel: 44



Report No.: AAEMT/EMC/220321-06-03

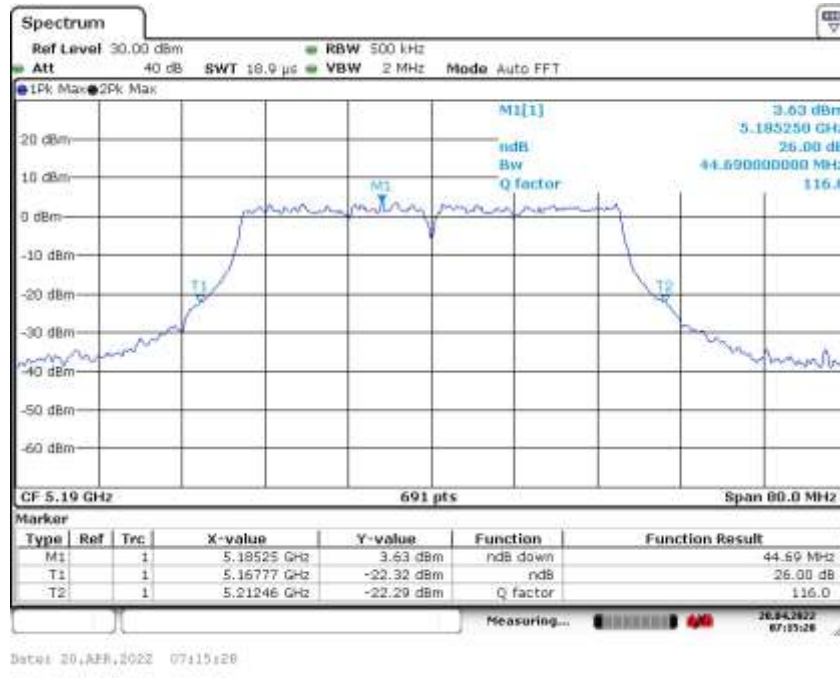
Channel: 48



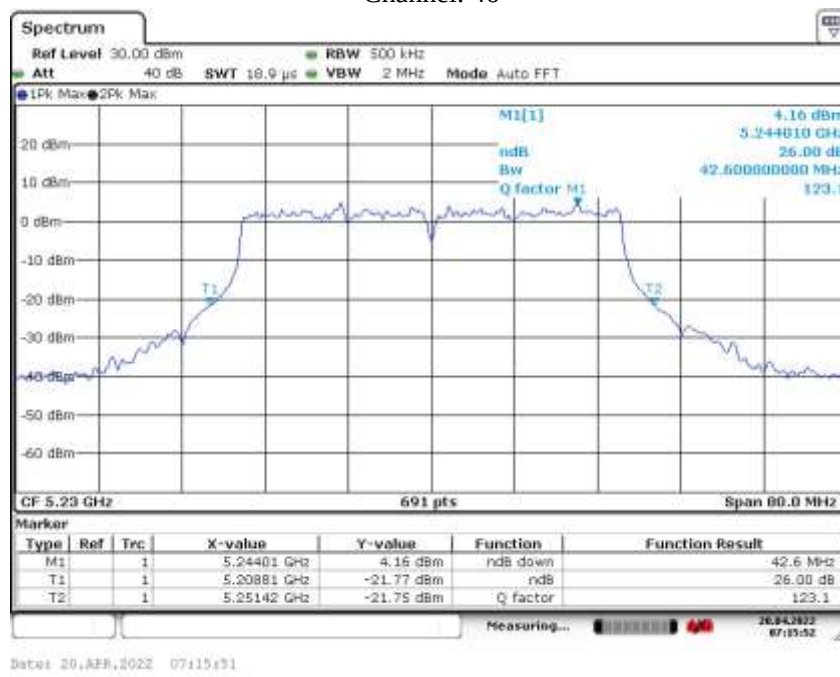
Report No.: AAEMT/EMC/220321-06-03

26dB BW 802.11ac40

Channel: 38



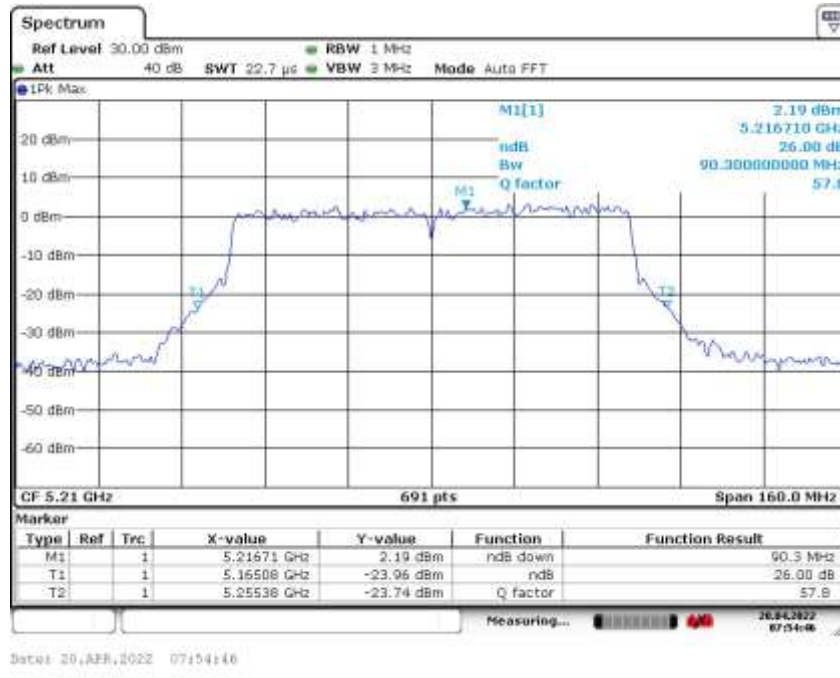
Channel: 46



Report No.: AAEMT/EMC/220321-06-03

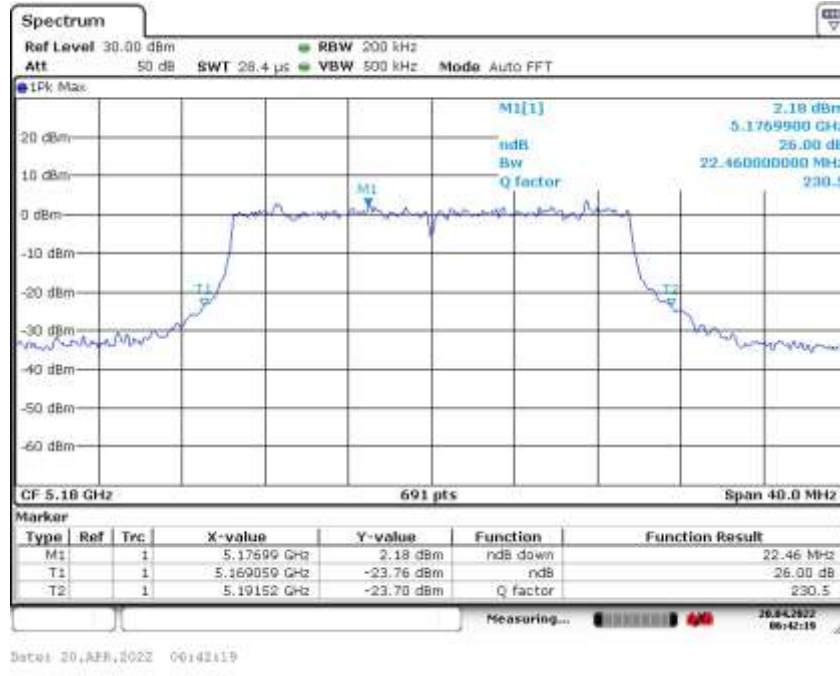
26dB BW 802.11ac80

Channel: 42

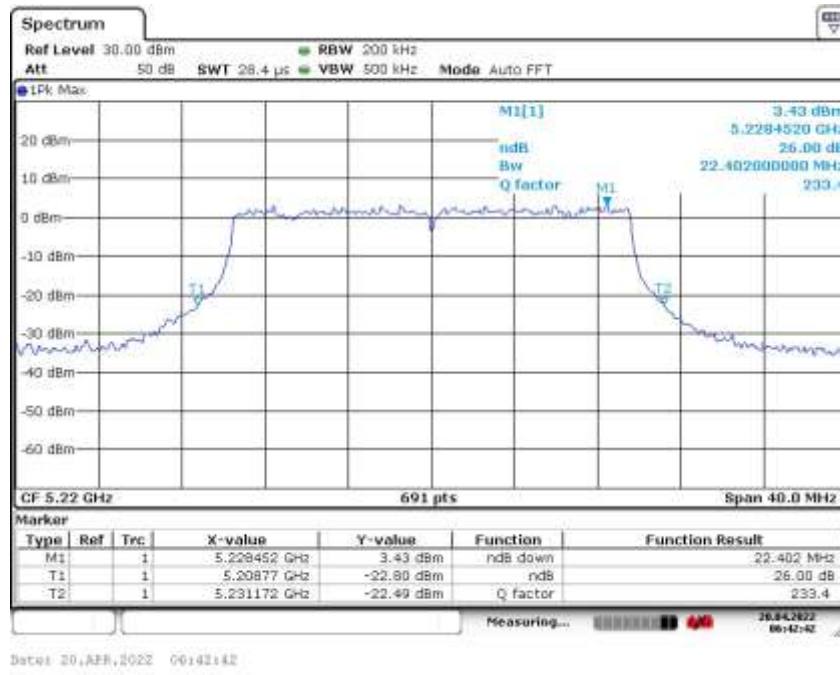


26dB BW 802.11ax20

Channel: 36

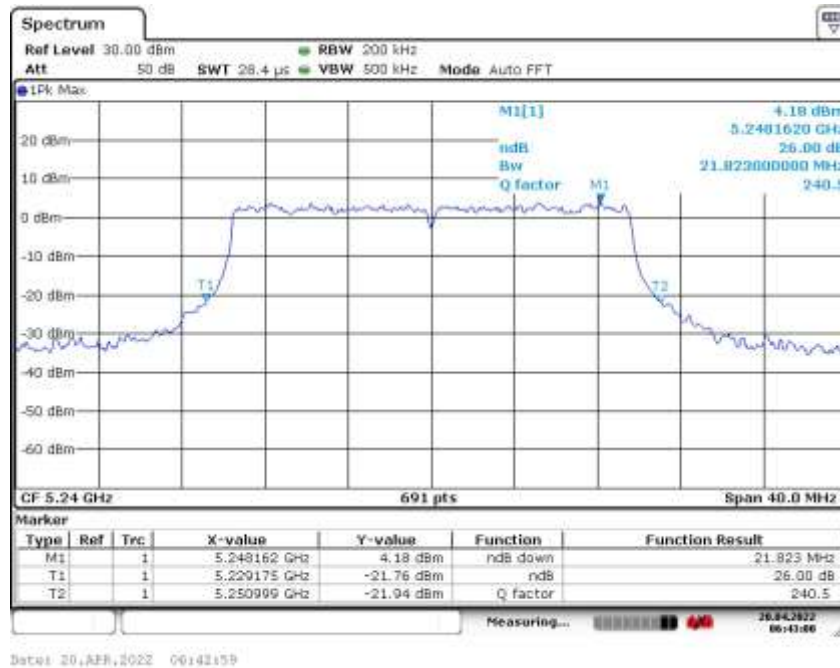


Channel: 44



Report No.: AAEMT/EMC/220321-06-03

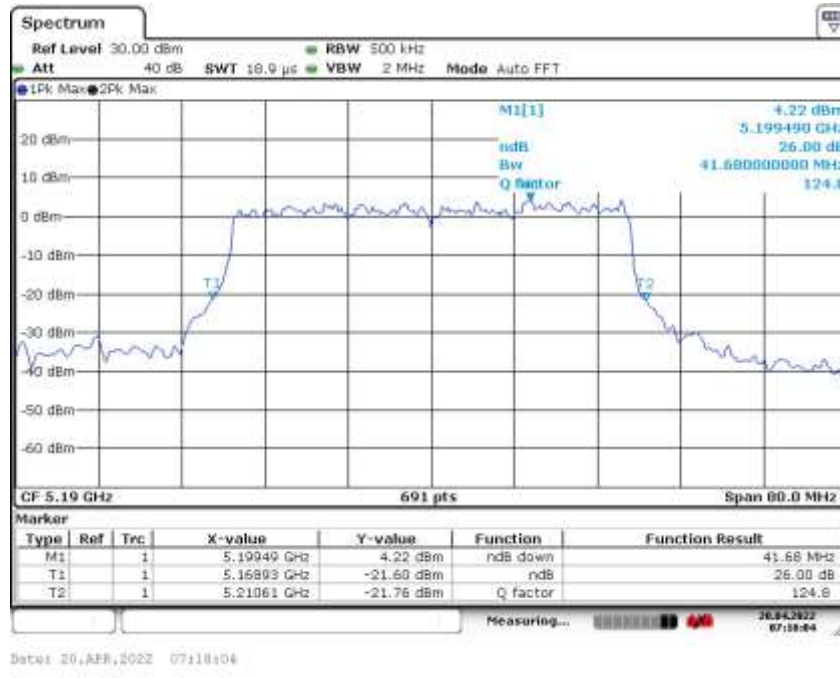
Channel: 48



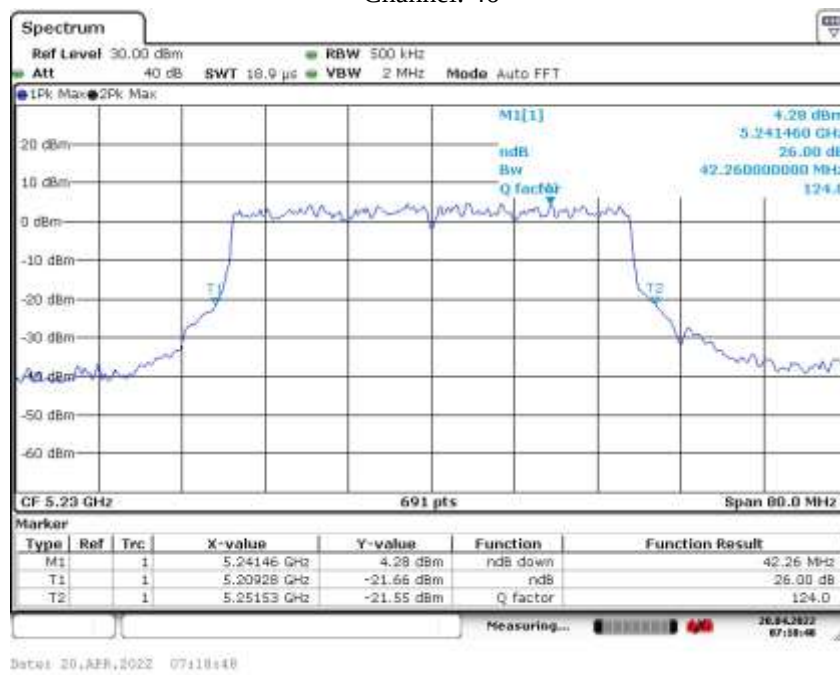
Report No.: AAEMT/EMC/220321-06-03

26dB BW 802.11ax40

Channel: 38

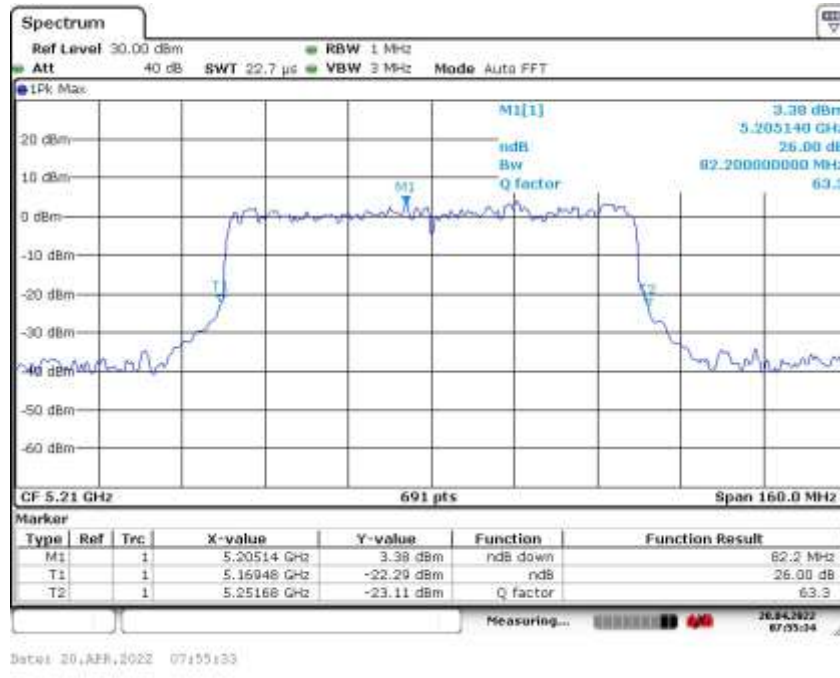


Channel: 46



26dB BW 802.11ax80

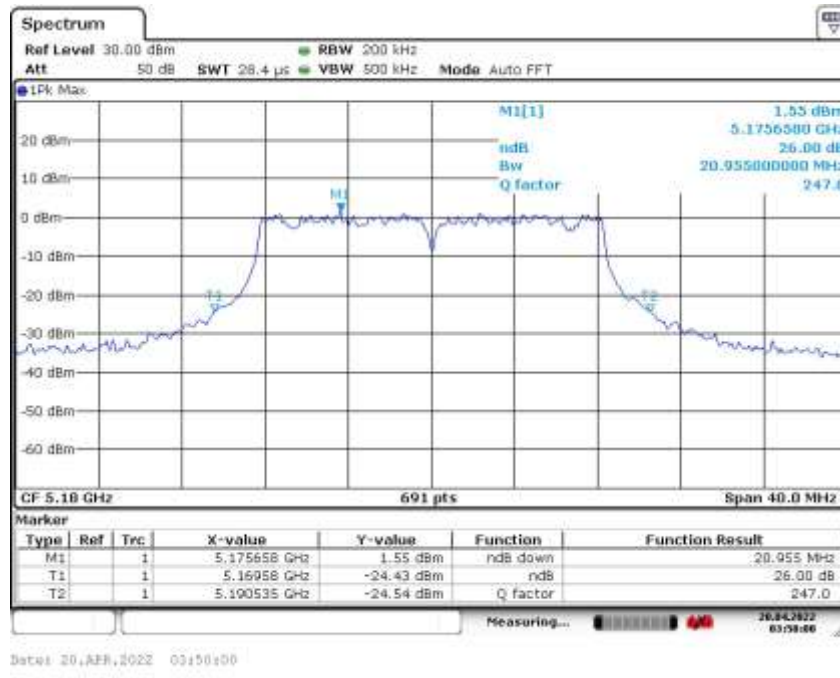
Channel: 42



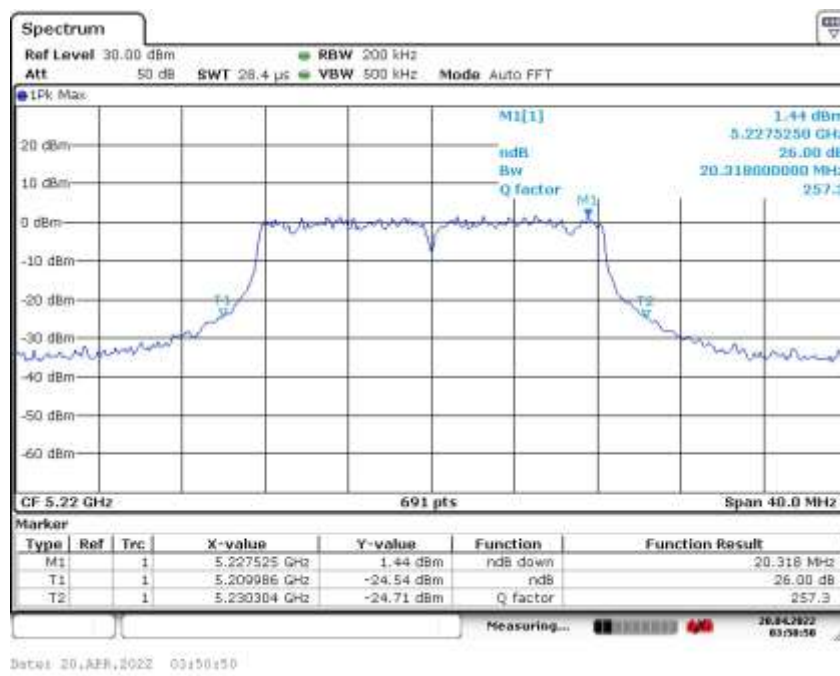
Report No.: AAEMT/EMC/220321-06-03

Test plots as followed: 5GHz_6

26dB BW 802.11a
Channel: 36

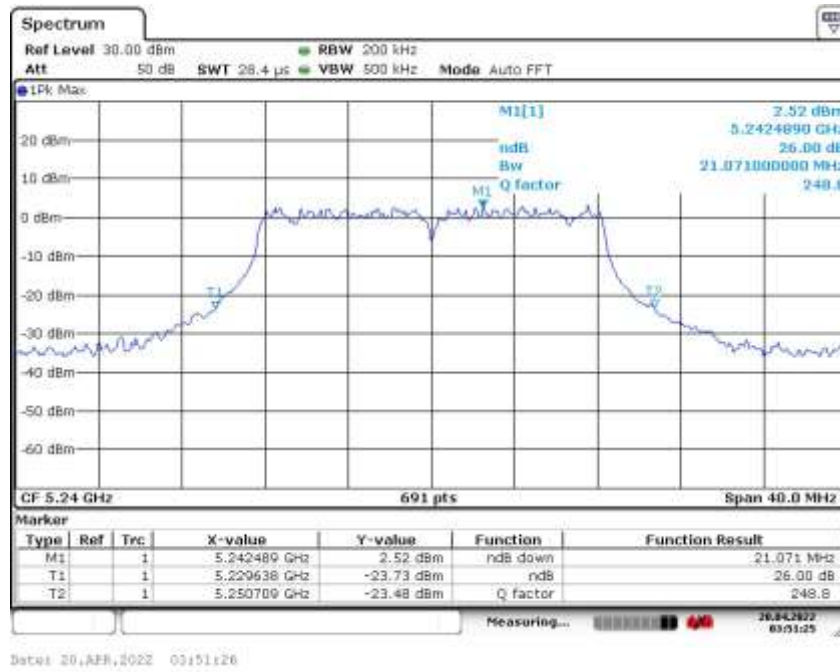


Channel: 44



Report No.: AAEMT/EMC/220321-06-03

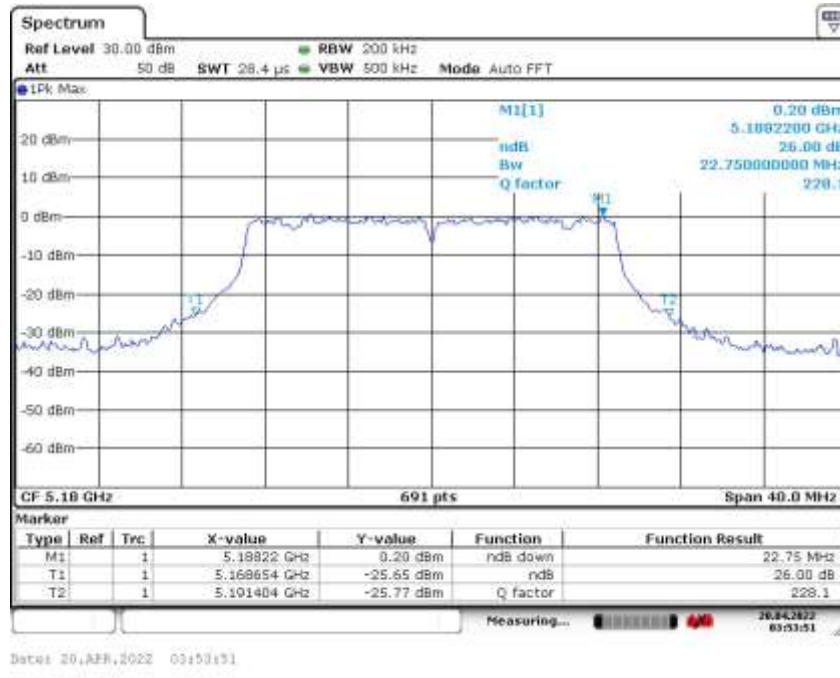
Channel: 48



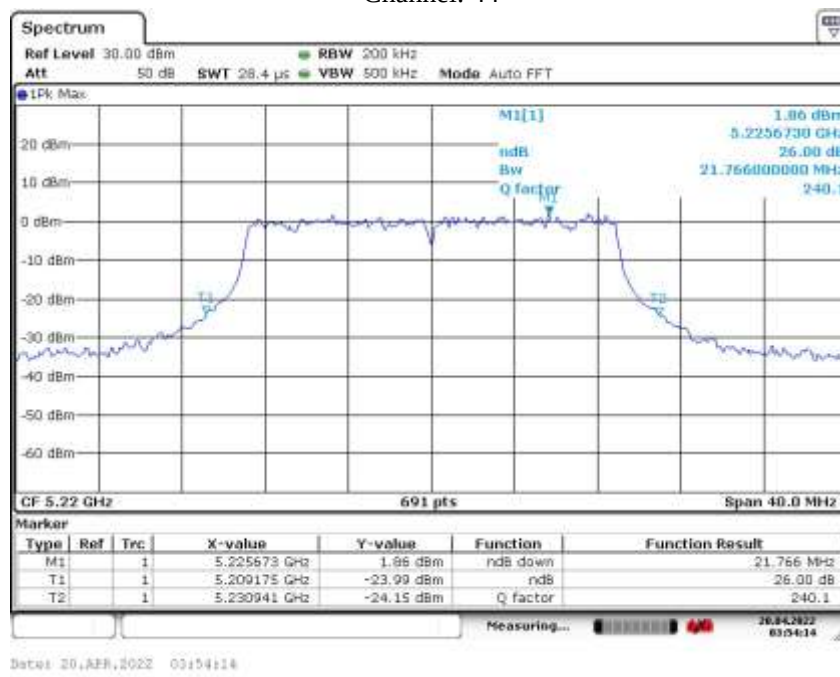
Report No.: AAEMT/EMC/220321-06-03

26dB BW 802.11n20

Channel: 36

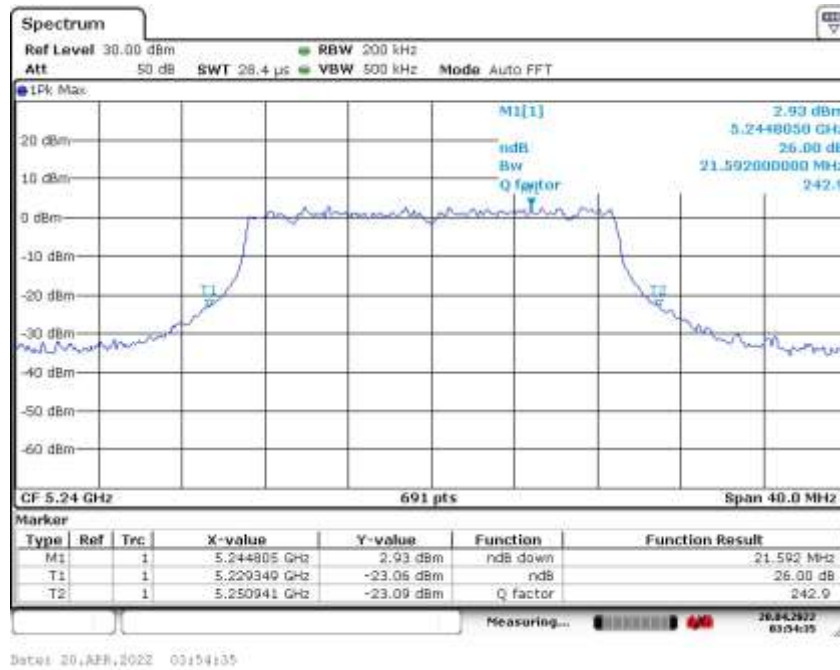


Channel: 44



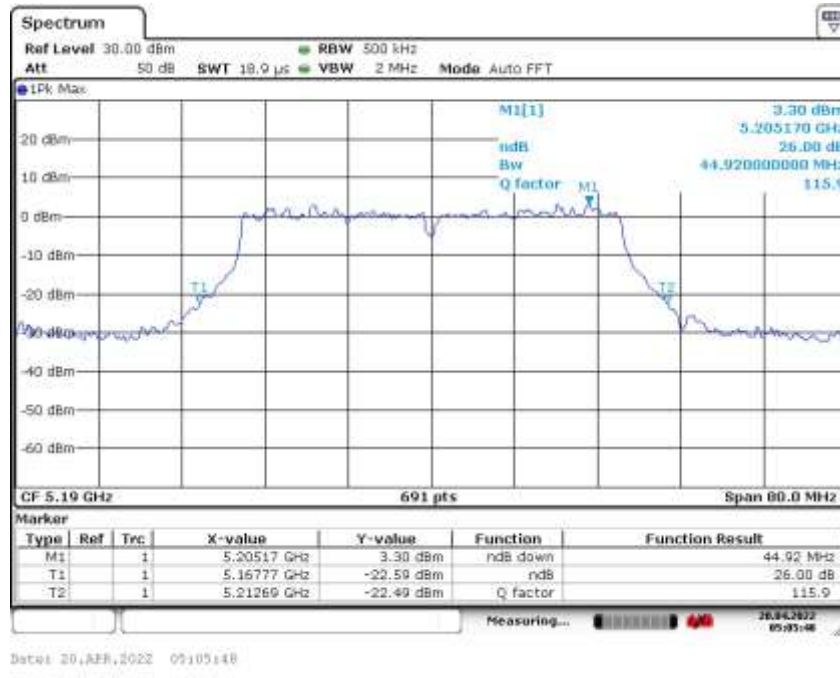
Report No.: AAEMT/EMC/220321-06-03

Channel: 48

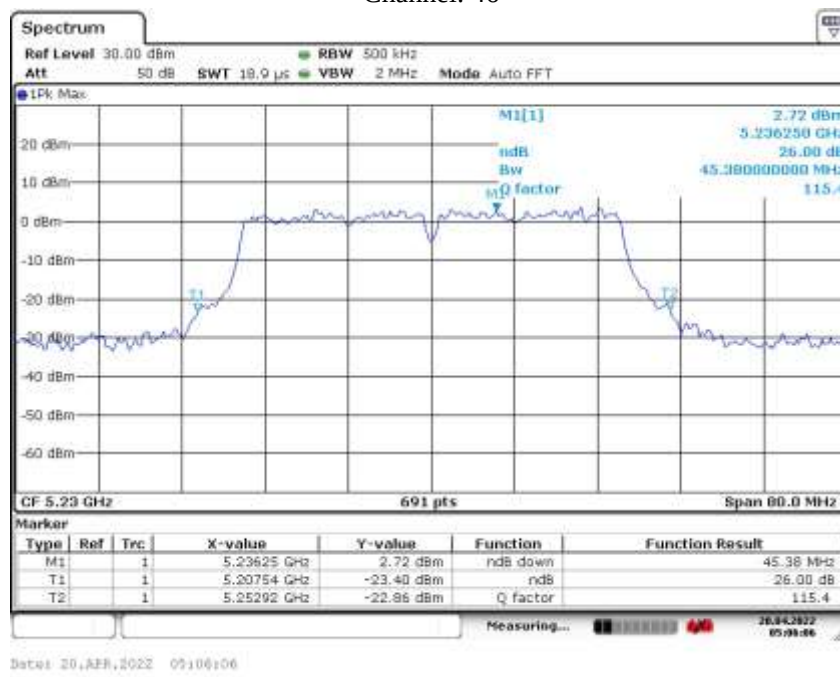


26dB BW 802.11n40

Channel: 38



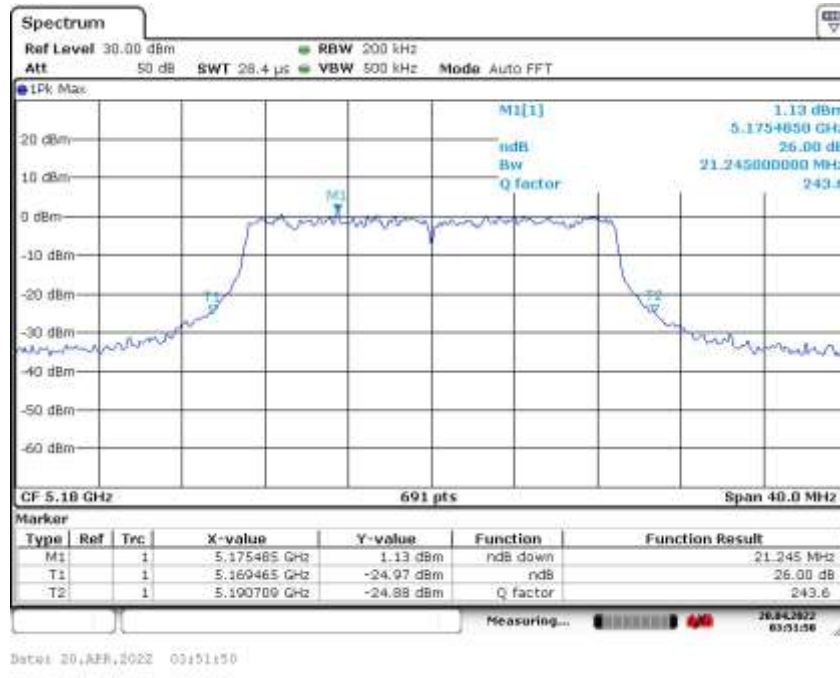
Channel: 46



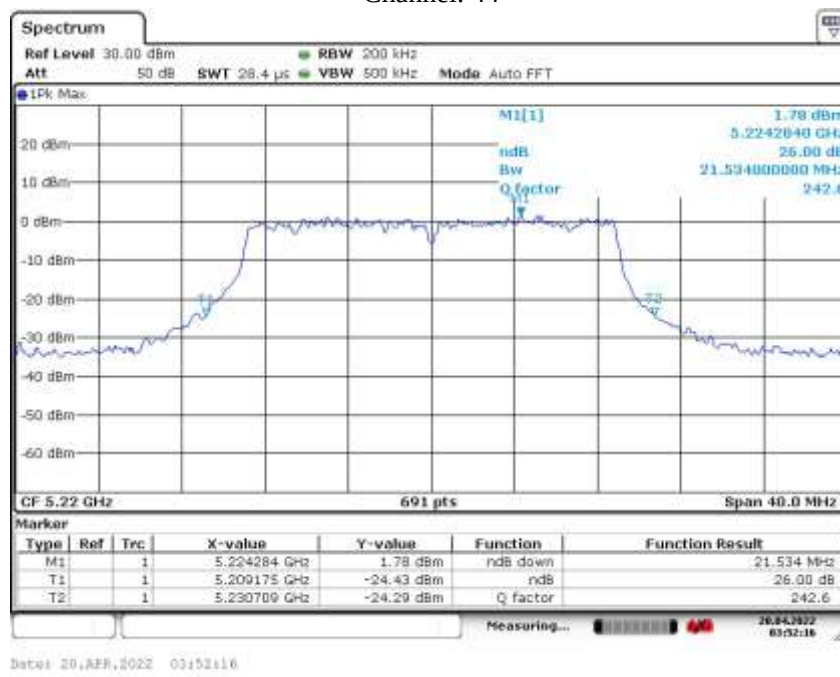
Report No.: AAEMT/EMC/220321-06-03

26dB BW 802.11ac20

Channel: 36

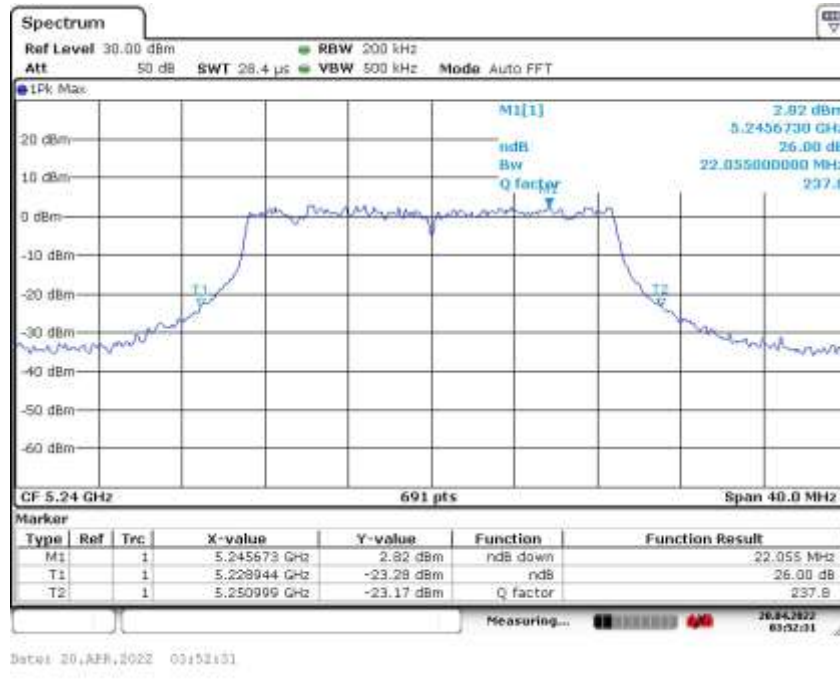


Channel: 44



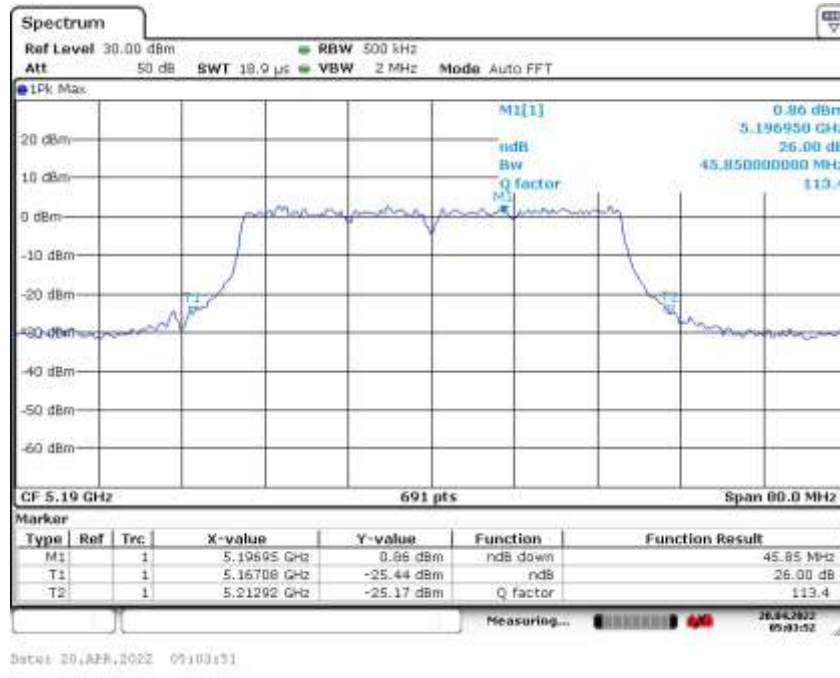
Report No.: AAEMT/EMC/220321-06-03

Channel: 48

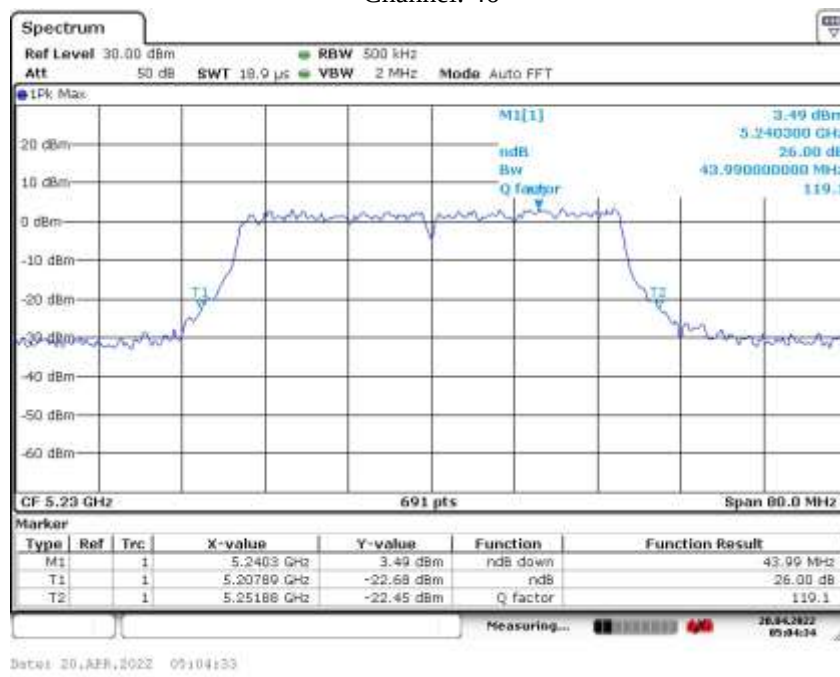


26dB BW 802.11ac40

Channel: 38

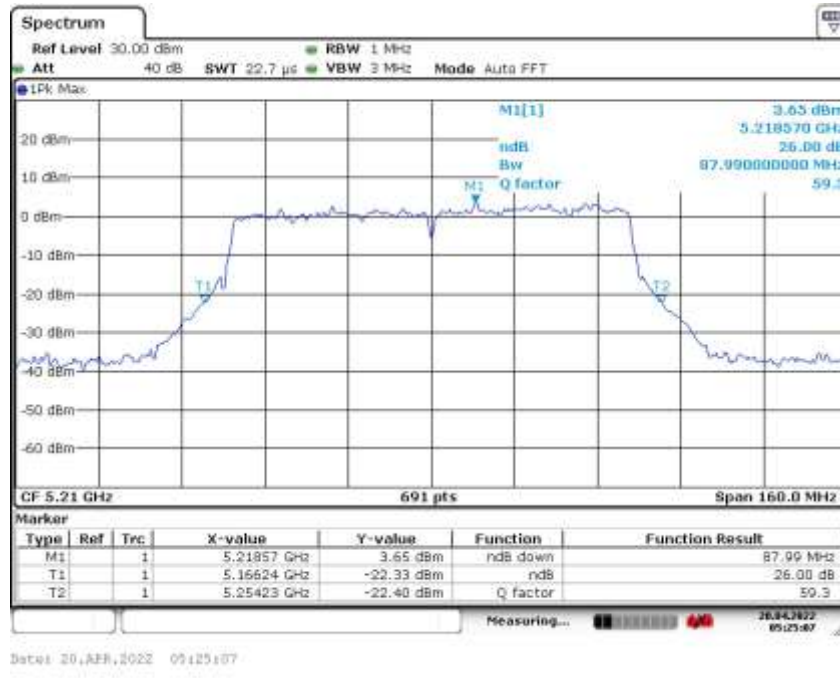


Channel: 46



26dB BW 802.11ac80

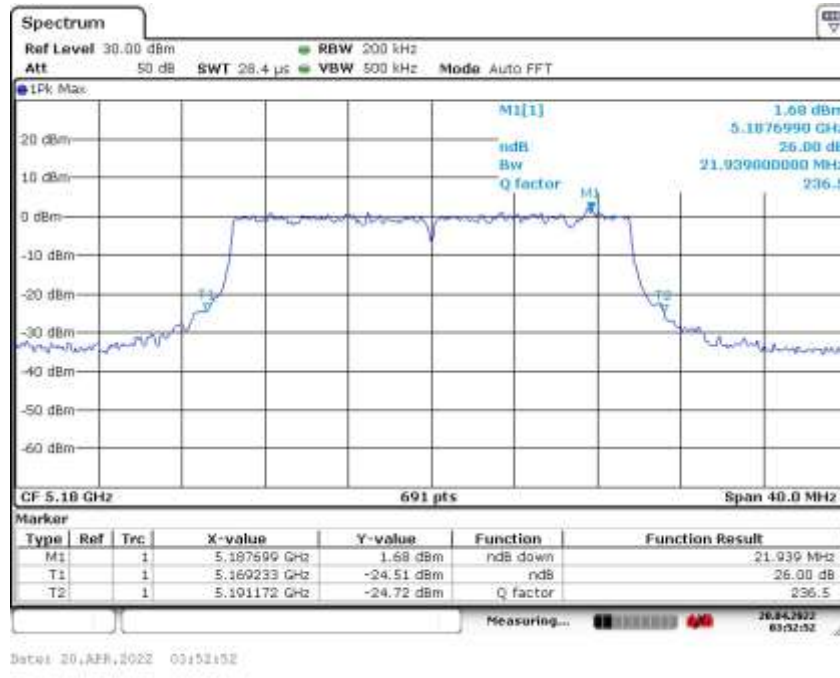
Channel: 42



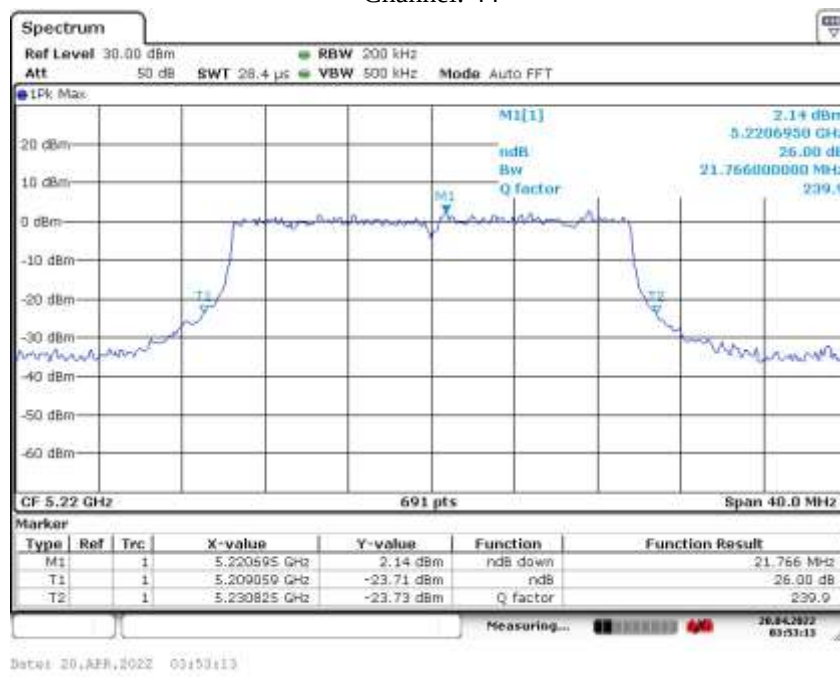
Report No.: AAEMT/EMC/220321-06-03

26dB BW 802.11ax20

Channel: 36

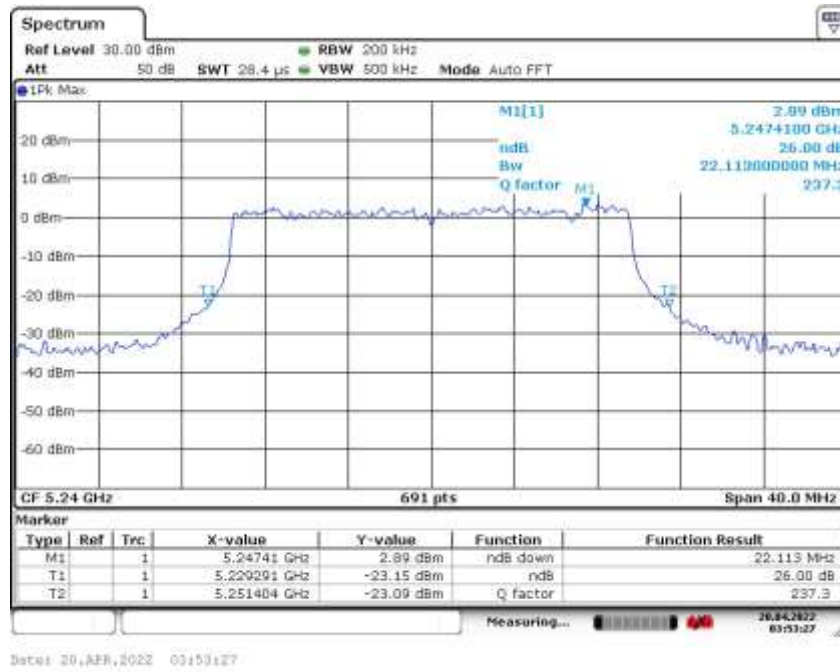


Channel: 44



Report No.: AAEMT/EMC/220321-06-03

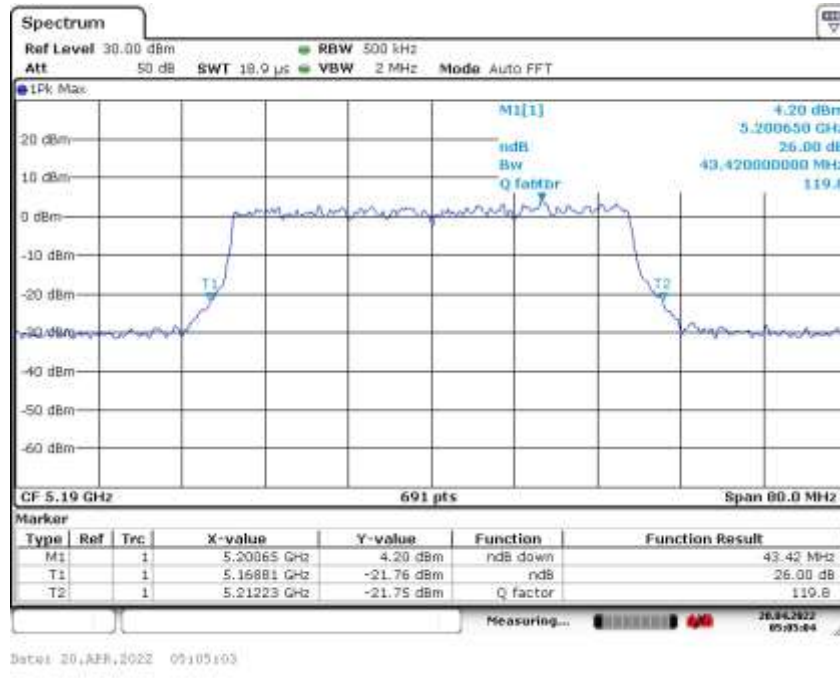
Channel: 48



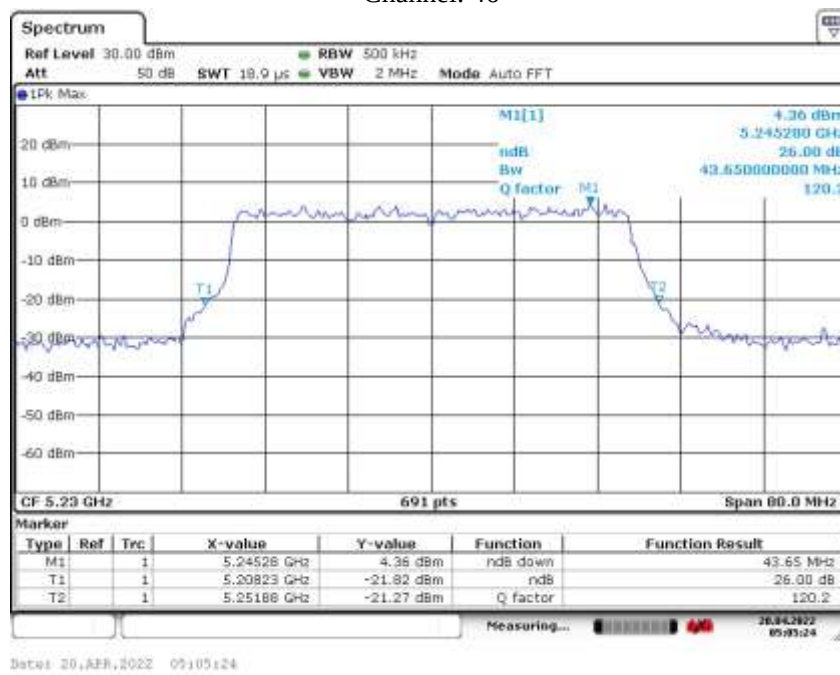
Report No.: AAEMT/EMC/220321-06-03

26dB BW 802.11ax40

Channel: 38



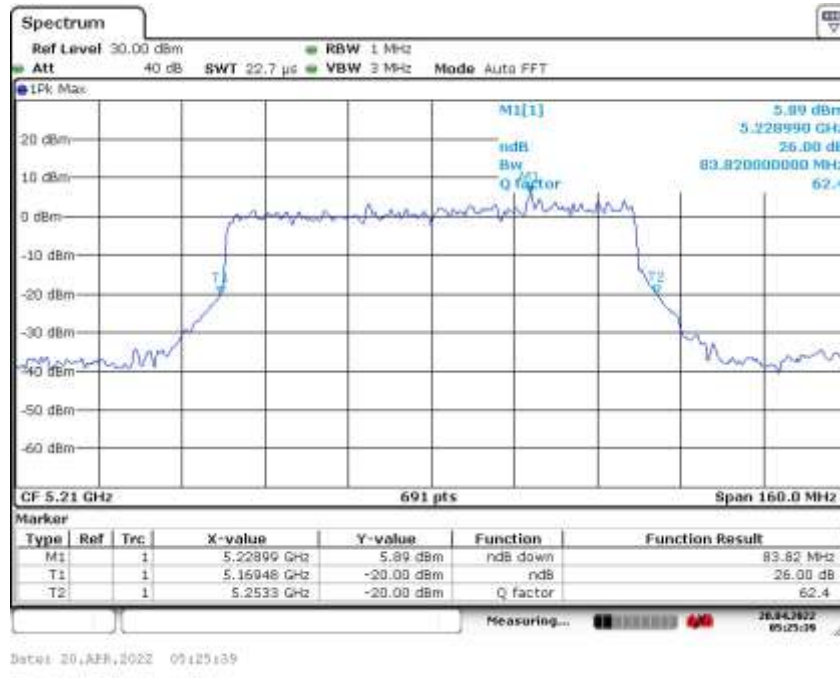
Channel: 46



Report No.: AAEMT/EMC/220321-06-03

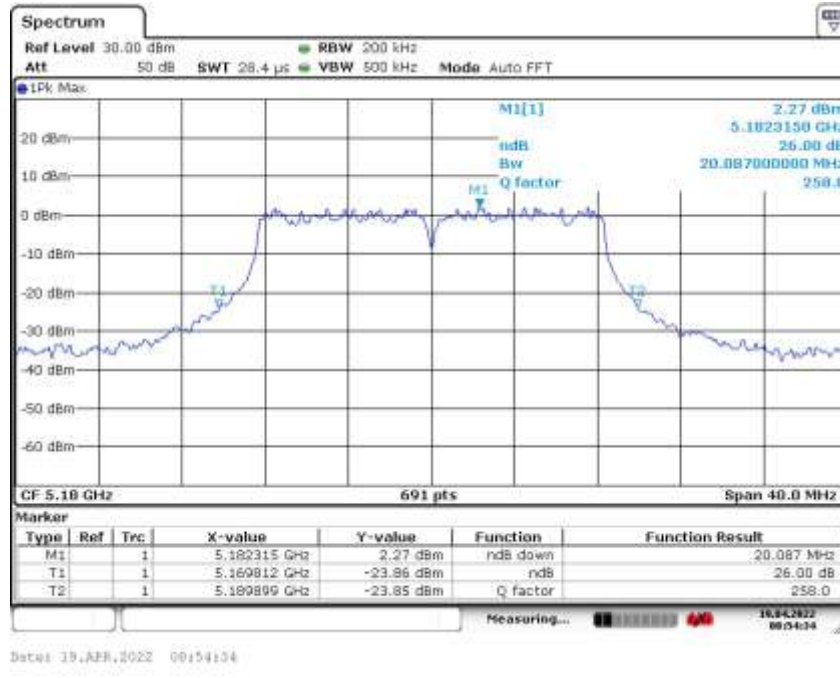
26dB BW 802.11ax80

Channel: 42

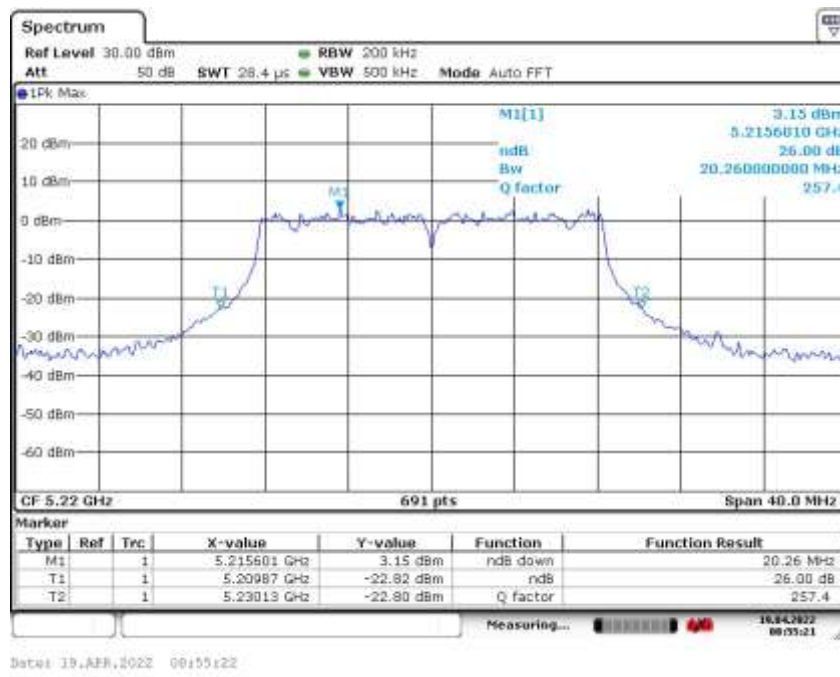


Test plots as followed: 5GHz_7

26dB BW 802.11a
Channel: 36

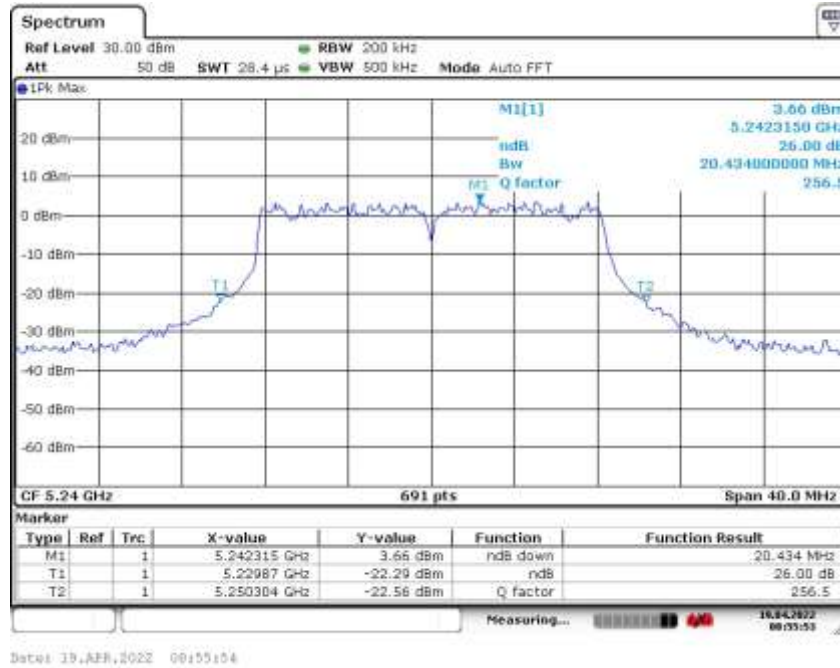


Channel: 44



Report No.: AAEMT/EMC/220321-06-03

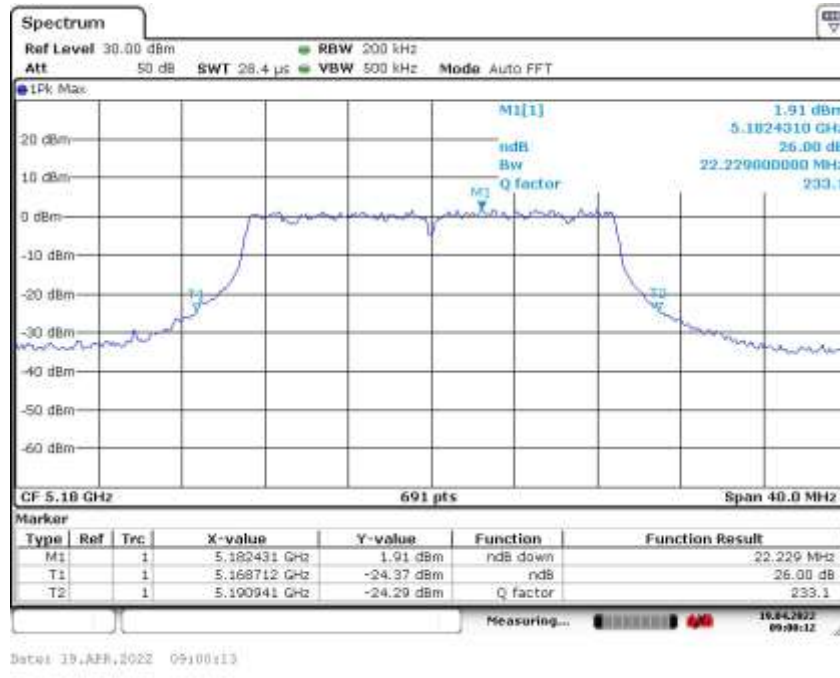
Channel: 48



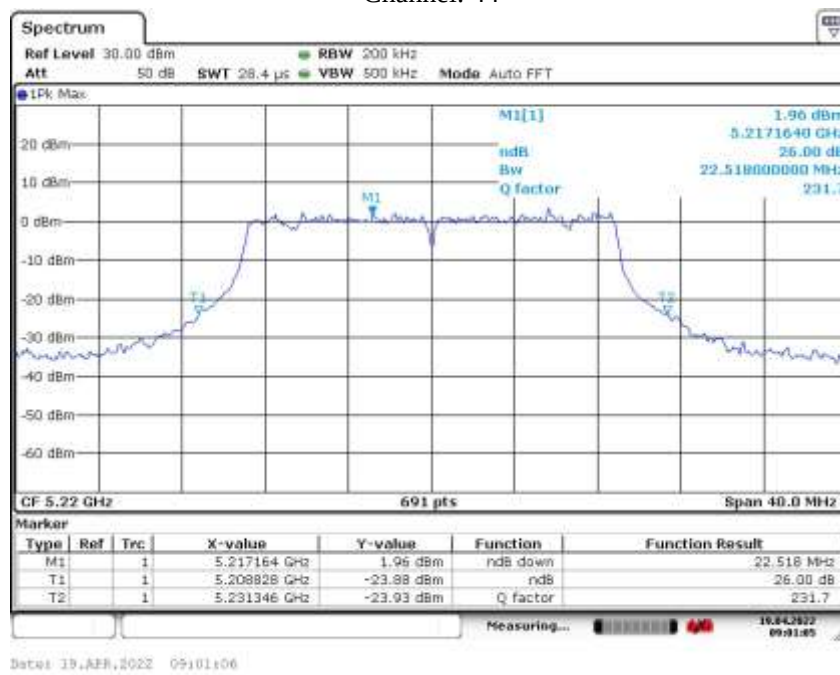
Report No.: AAEMT/EMC/220321-06-03

26dB BW 802.11n20

Channel: 36

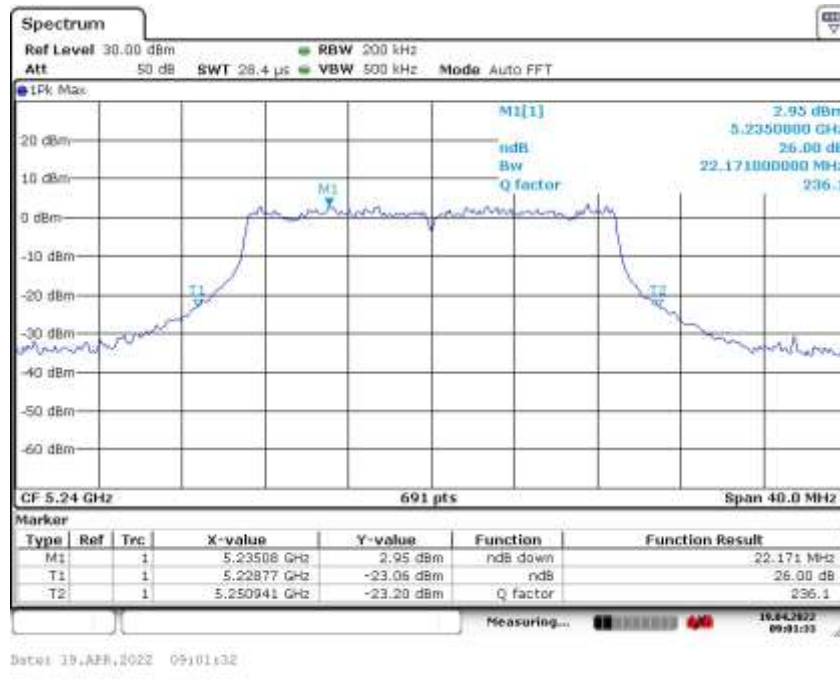


Channel: 44



Report No.: AAEMT/EMC/220321-06-03

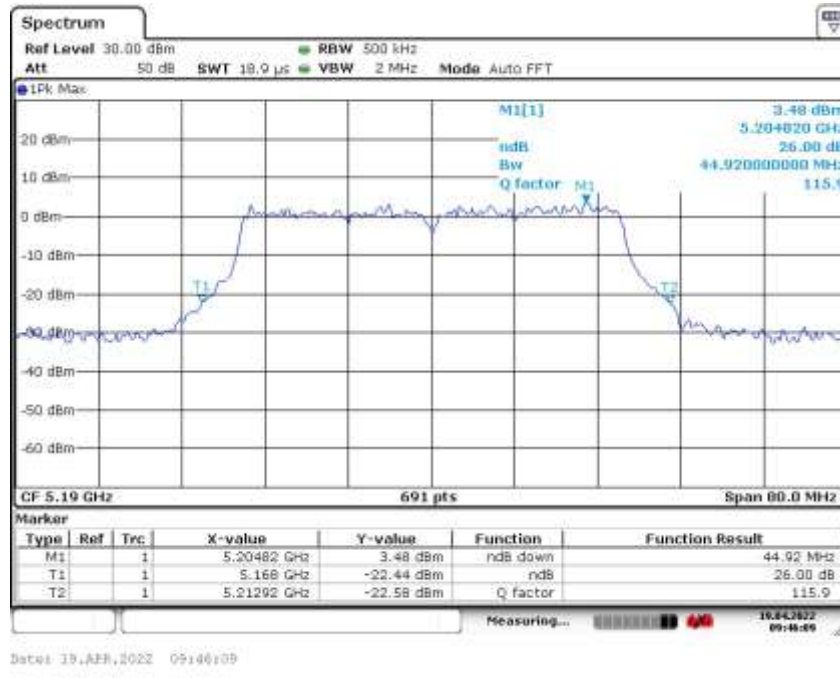
Channel: 48



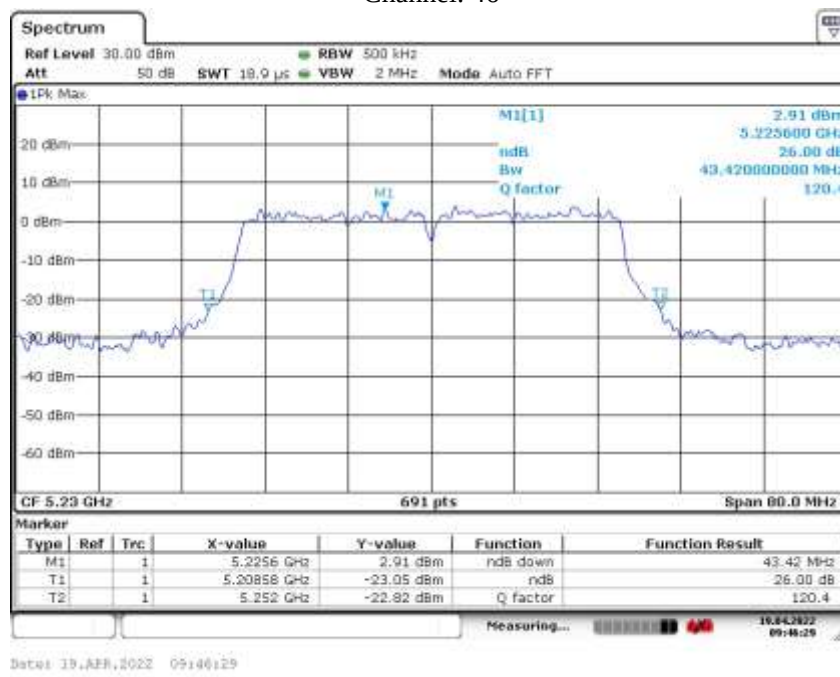
Report No.: AAEMT/EMC/220321-06-03

26dB BW 802.11n40

Channel: 38



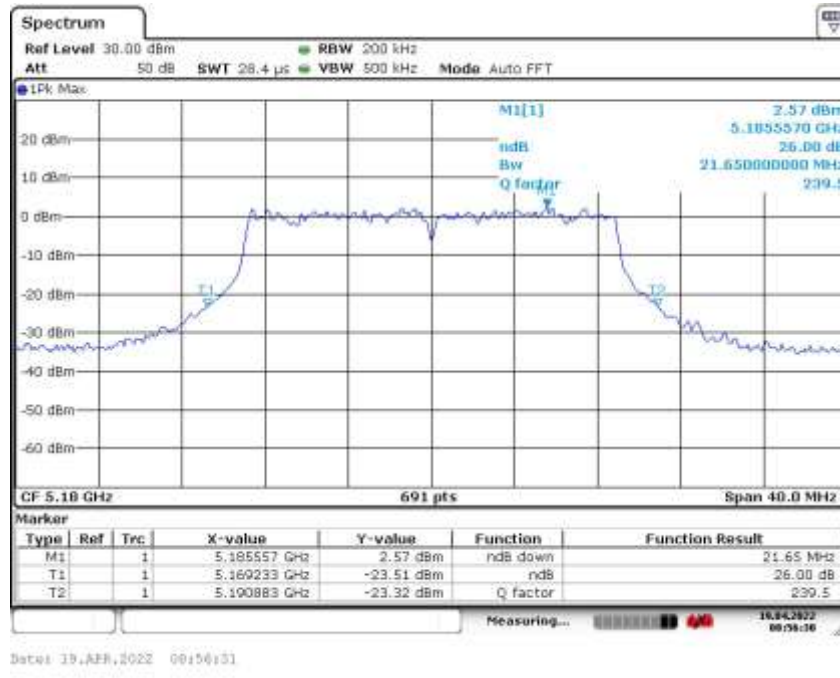
Channel: 46



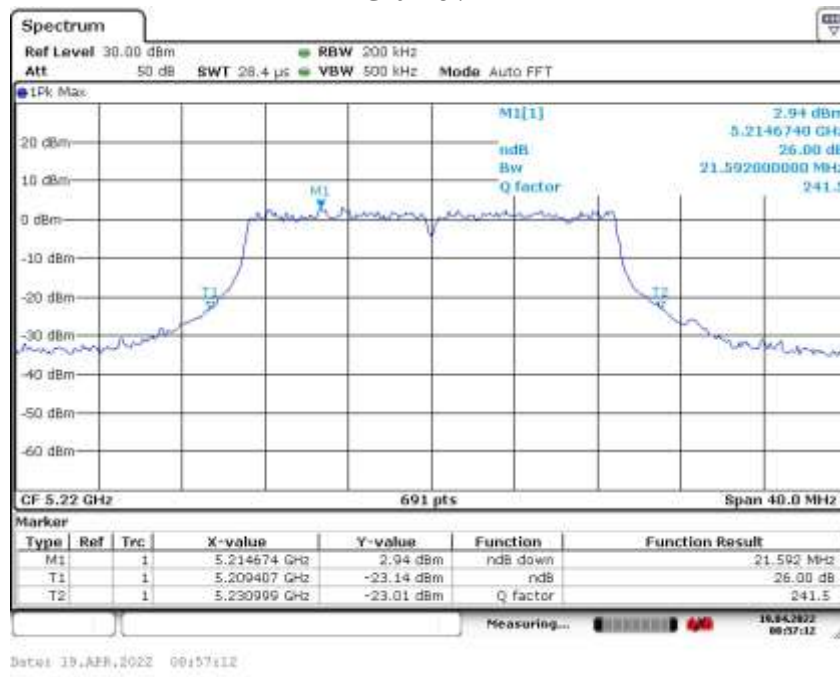
Report No.: AAEMT/EMC/220321-06-03

26dB BW 802.11ac20

Channel: 36

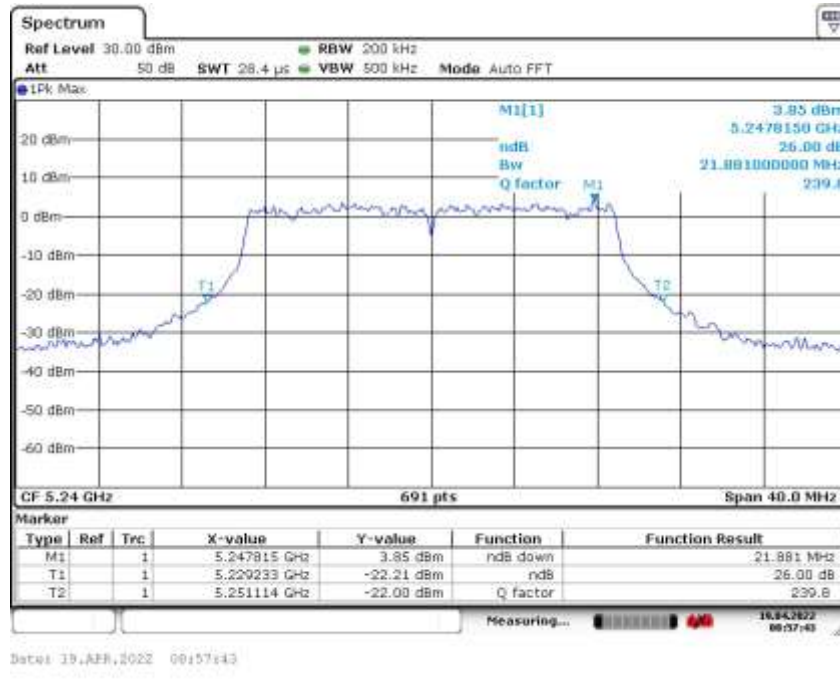


Channel: 44



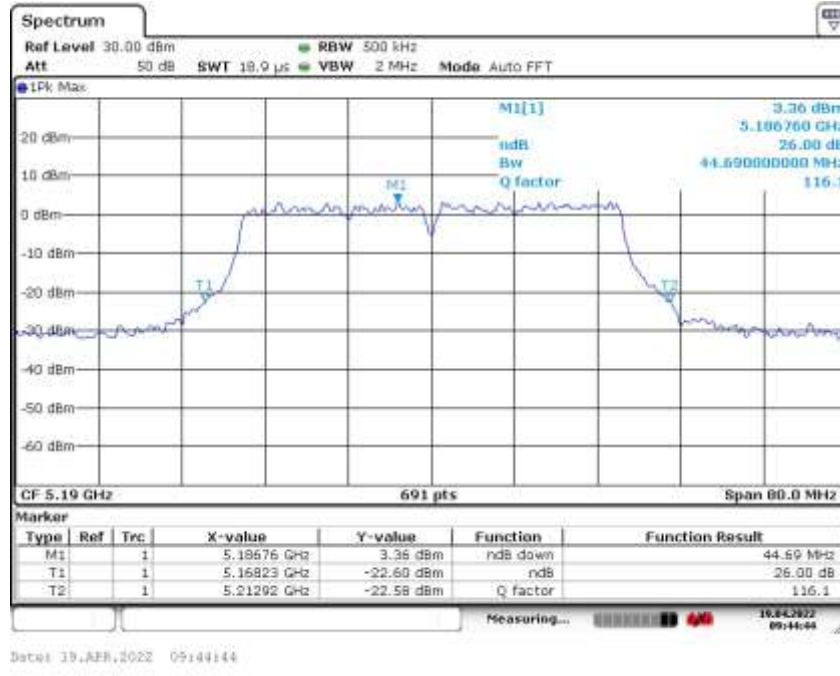
Report No.: AAEMT/EMC/220321-06-03

Channel: 48



26dB BW 802.11ac40

Channel: 38



Channel: 46

