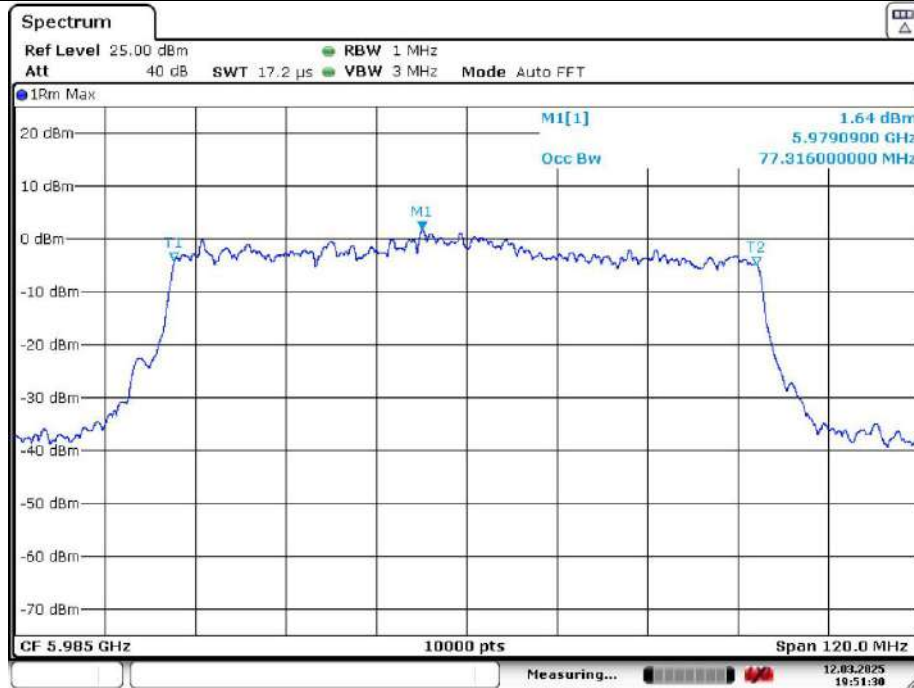


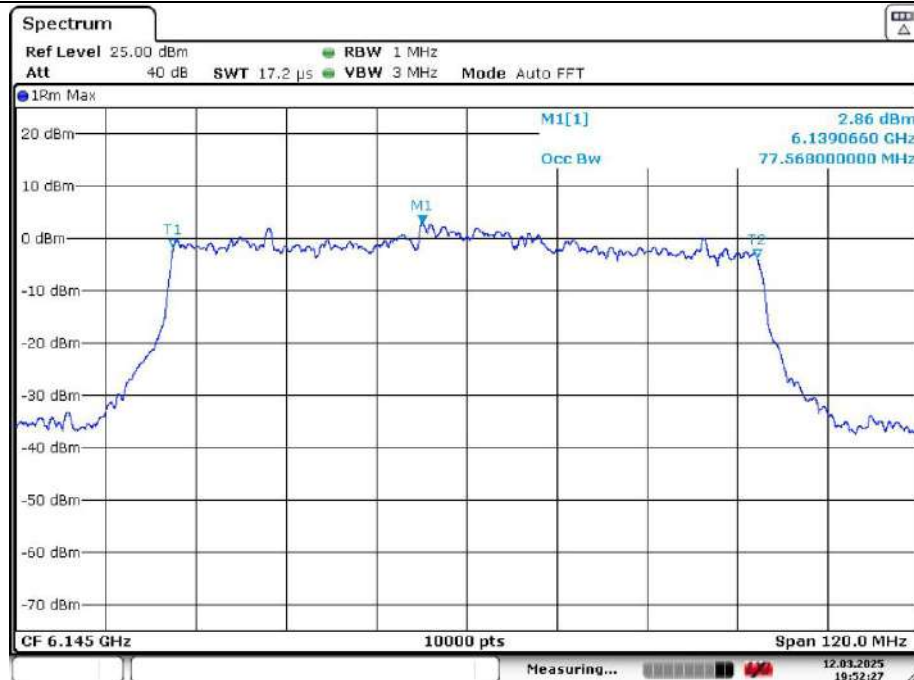
99% BW 802.11b80

Channel 7: 5985MHz

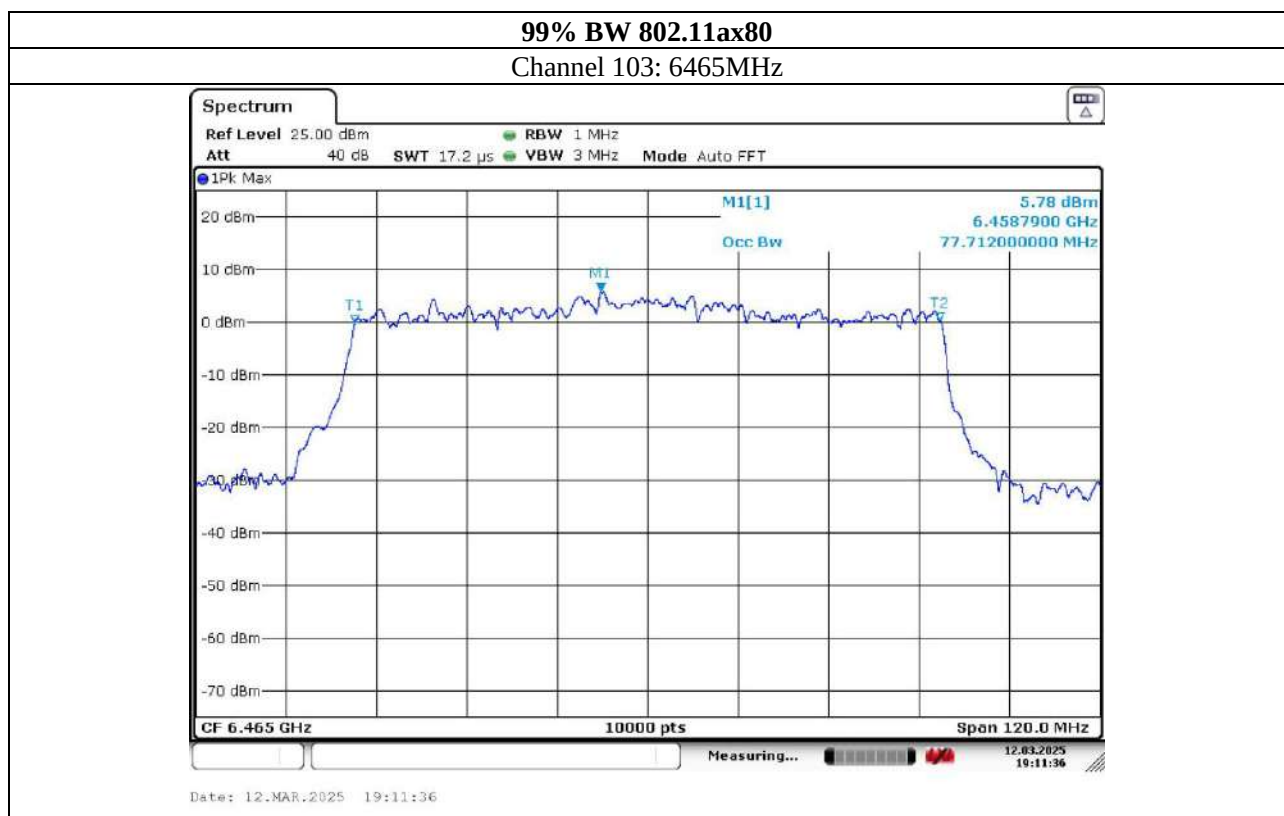
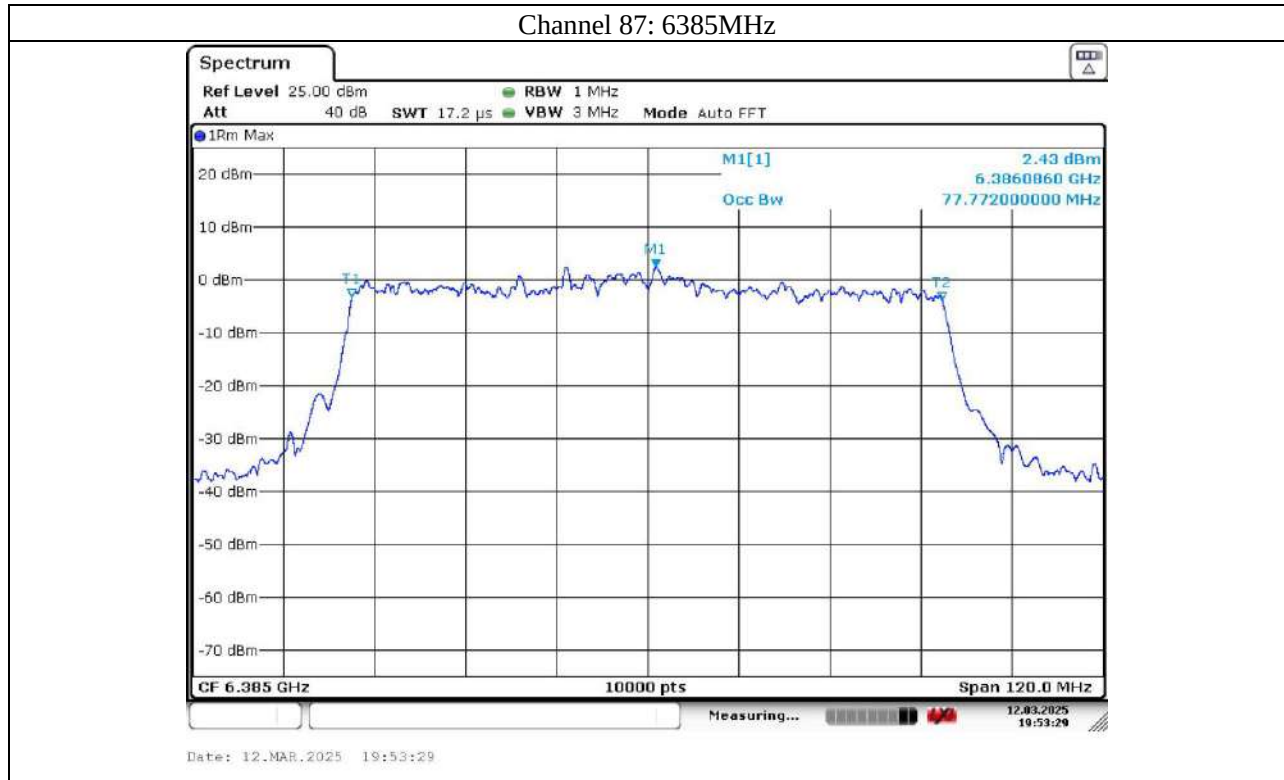


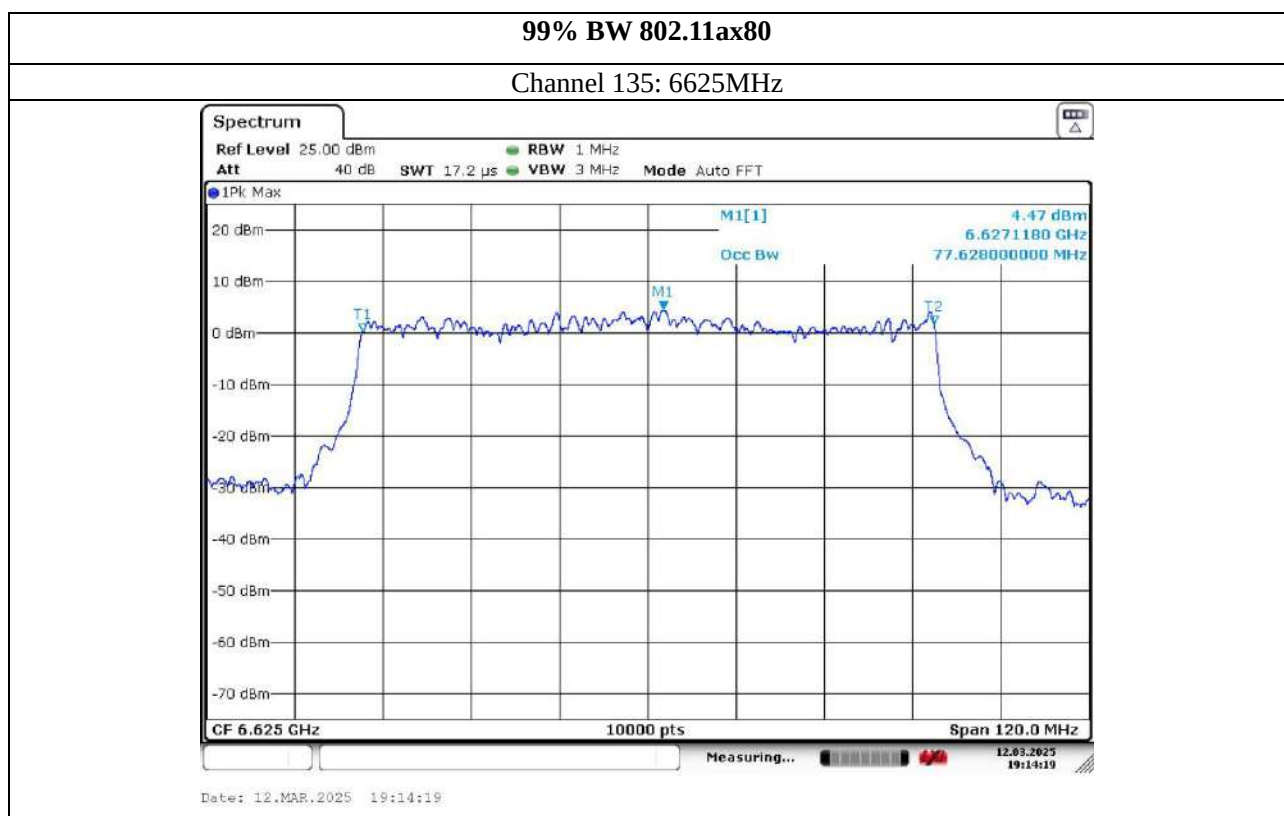
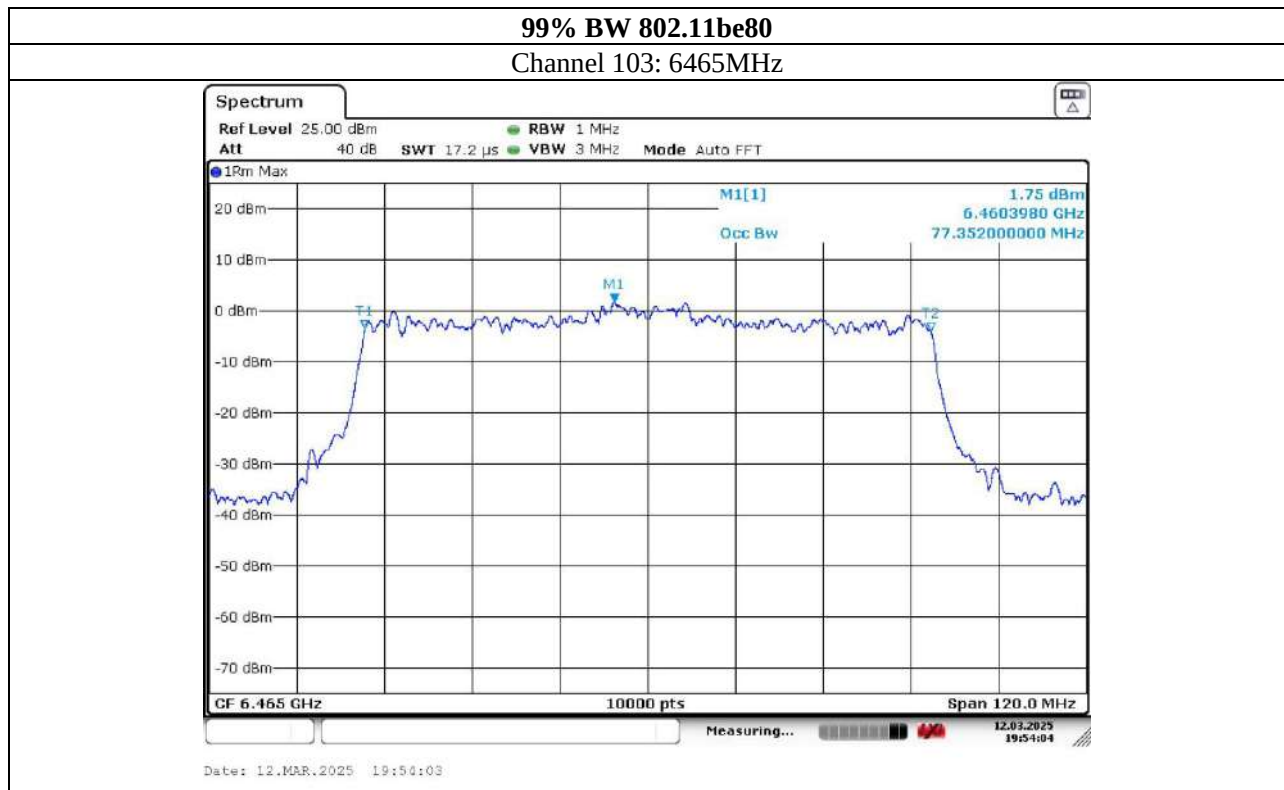
Date: 12.MAR.2025 19:51:30

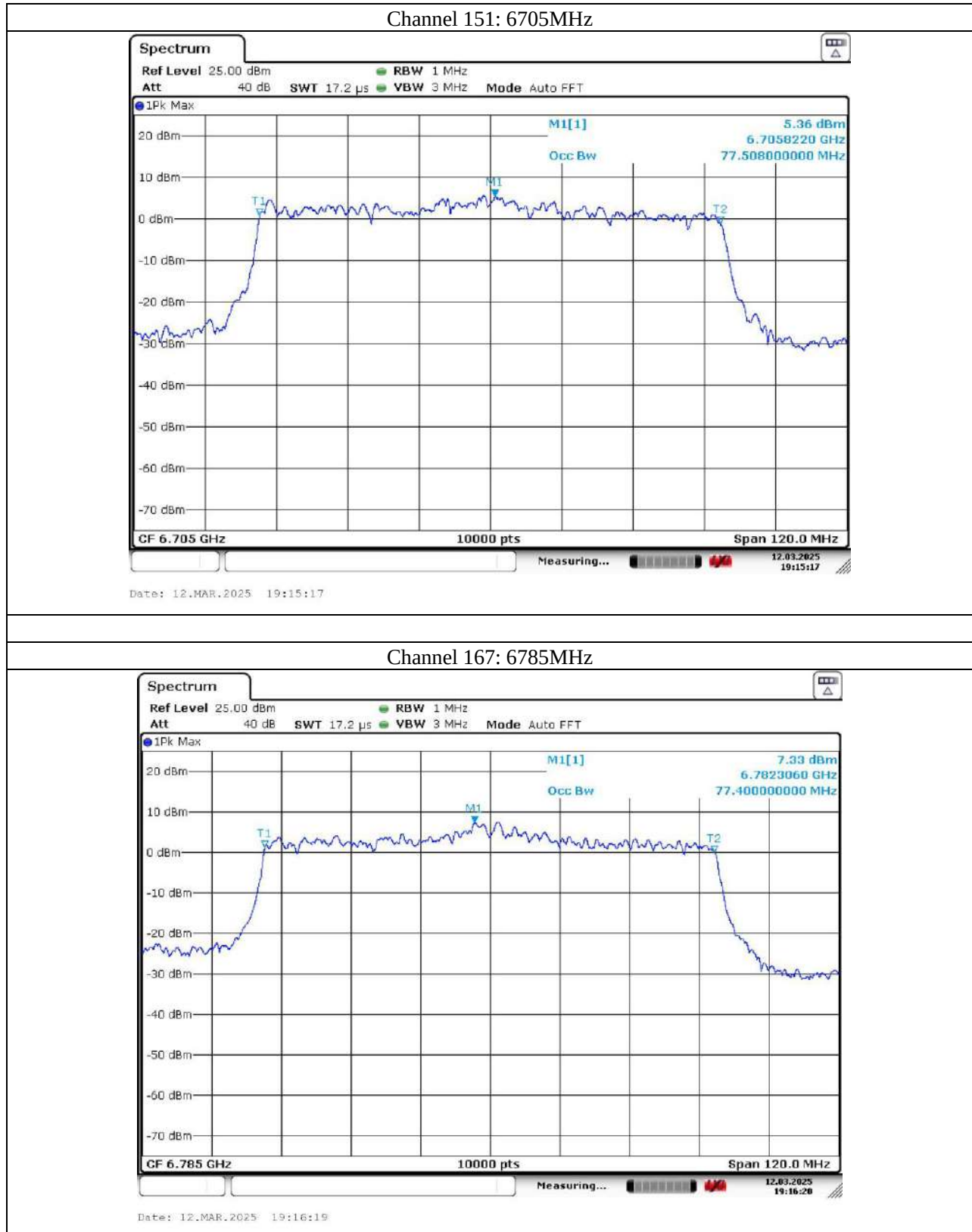
Channel 39: 6145MHz



Date: 12.MAR.2025 19:52:27

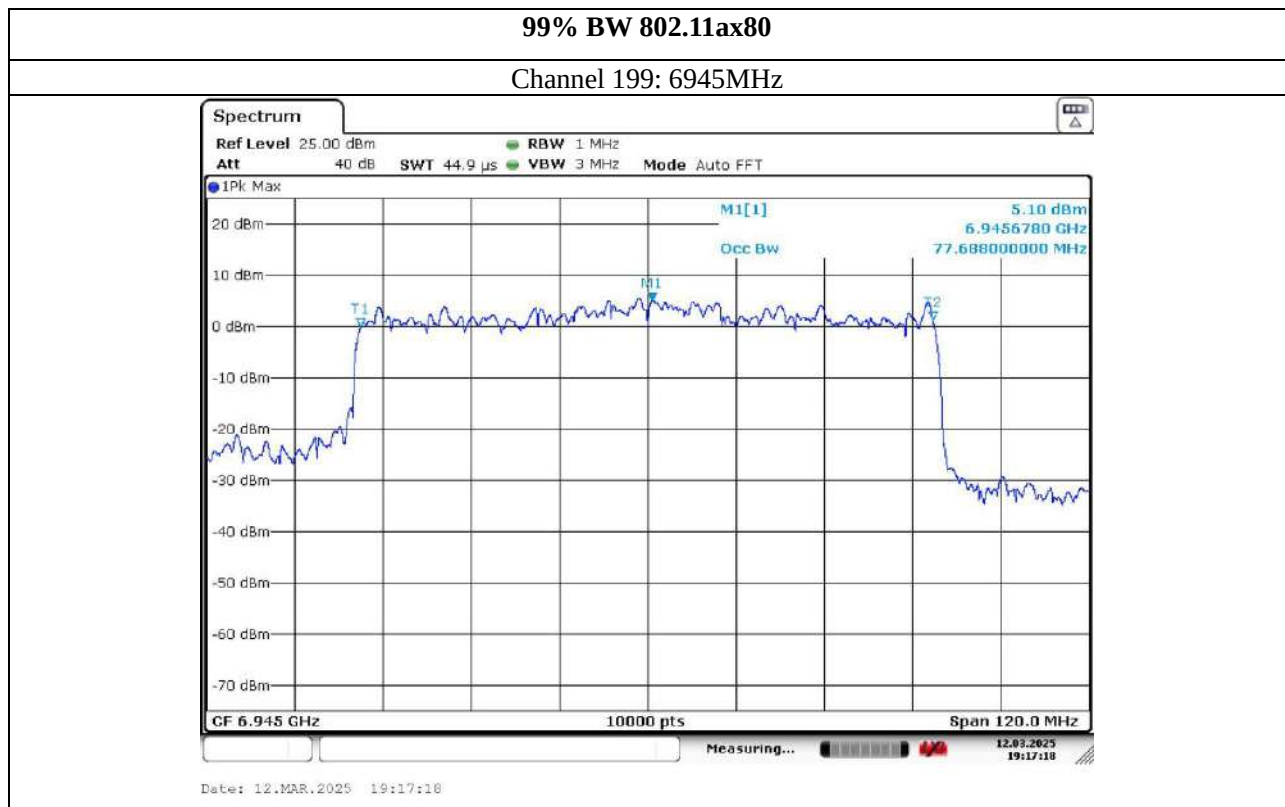
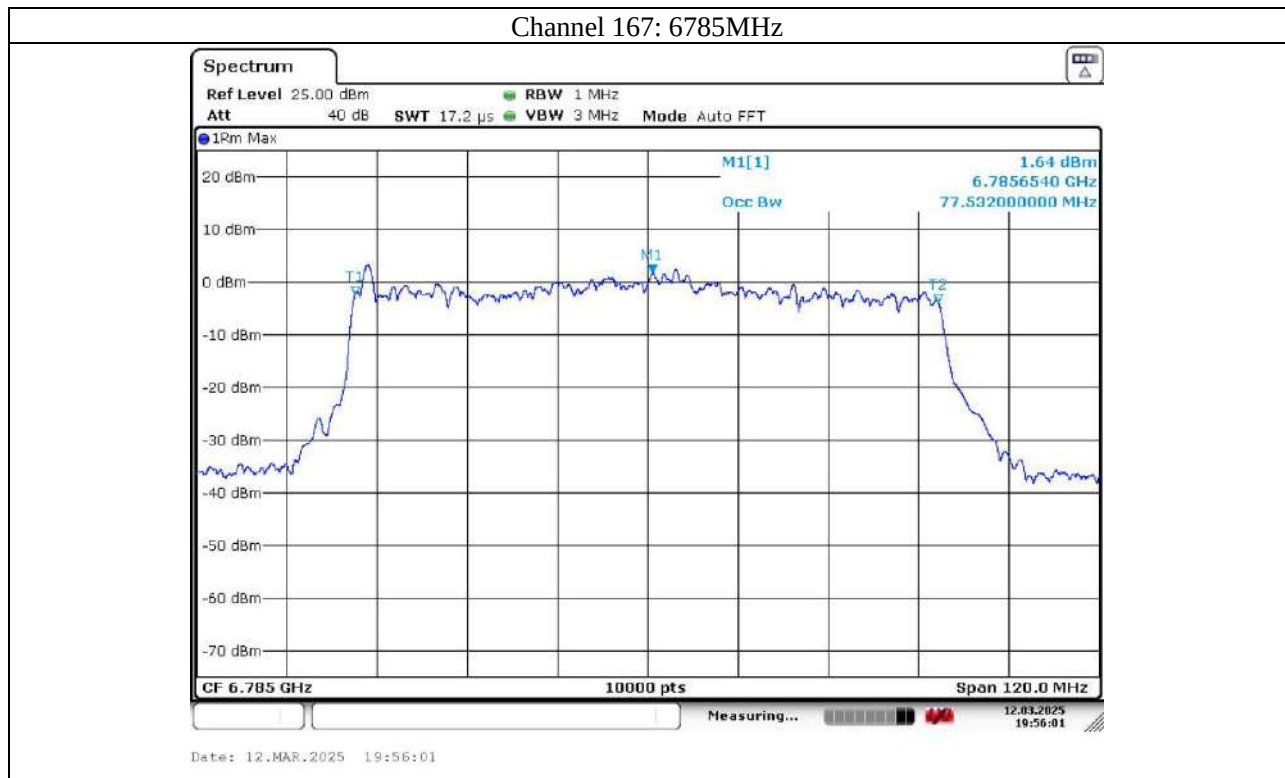


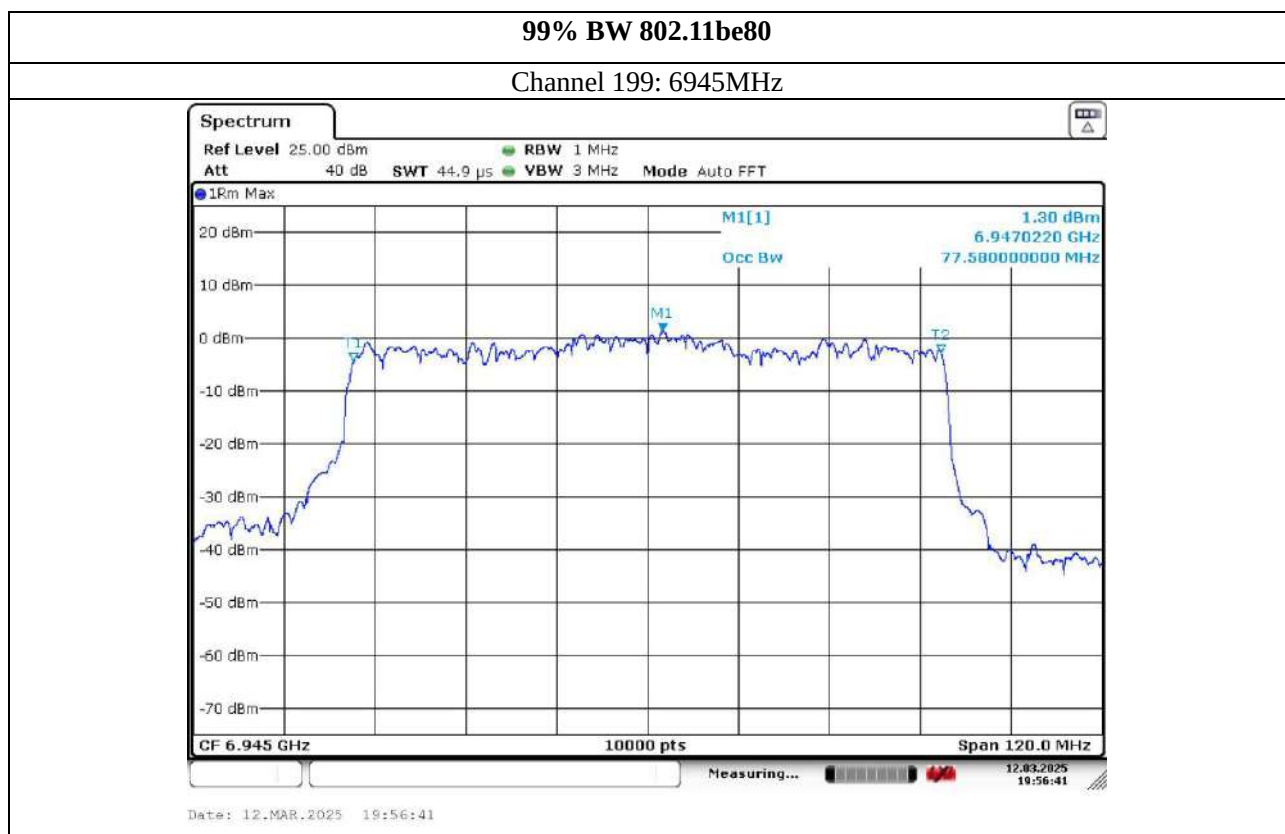
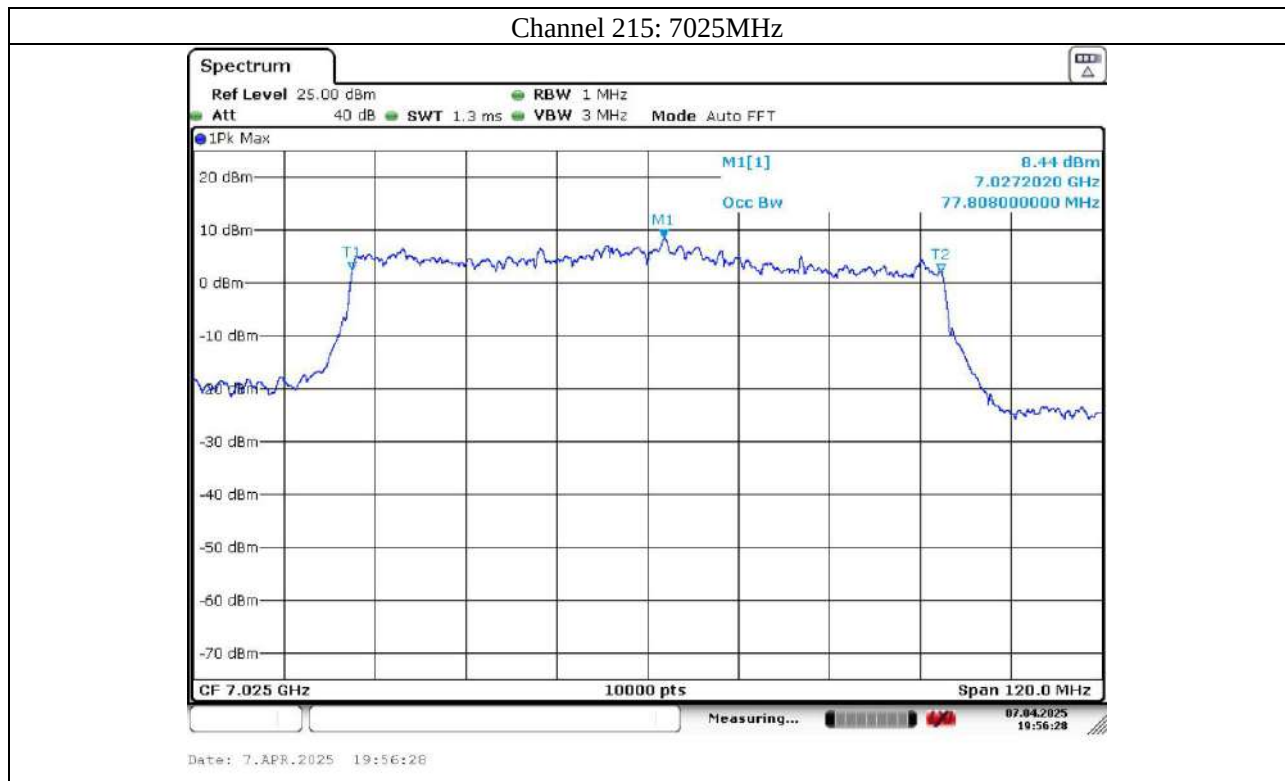


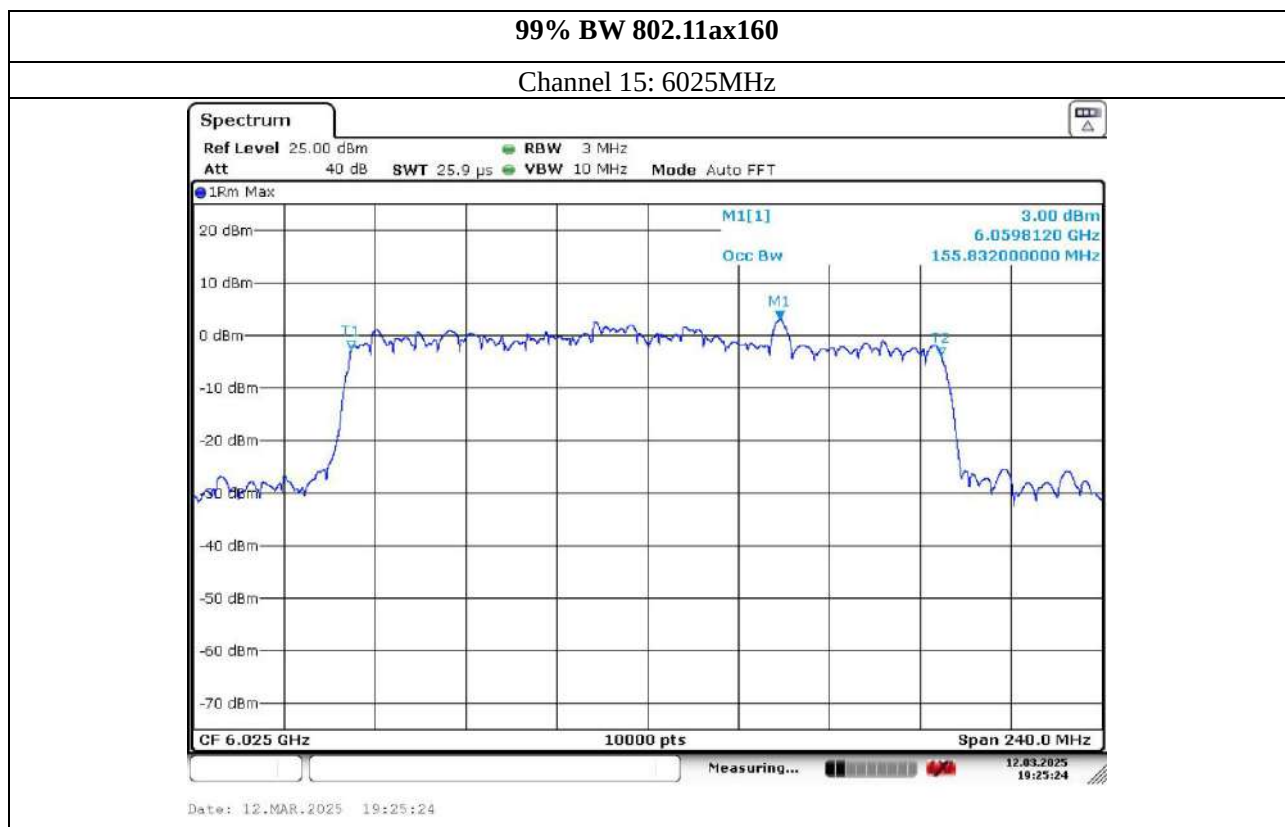
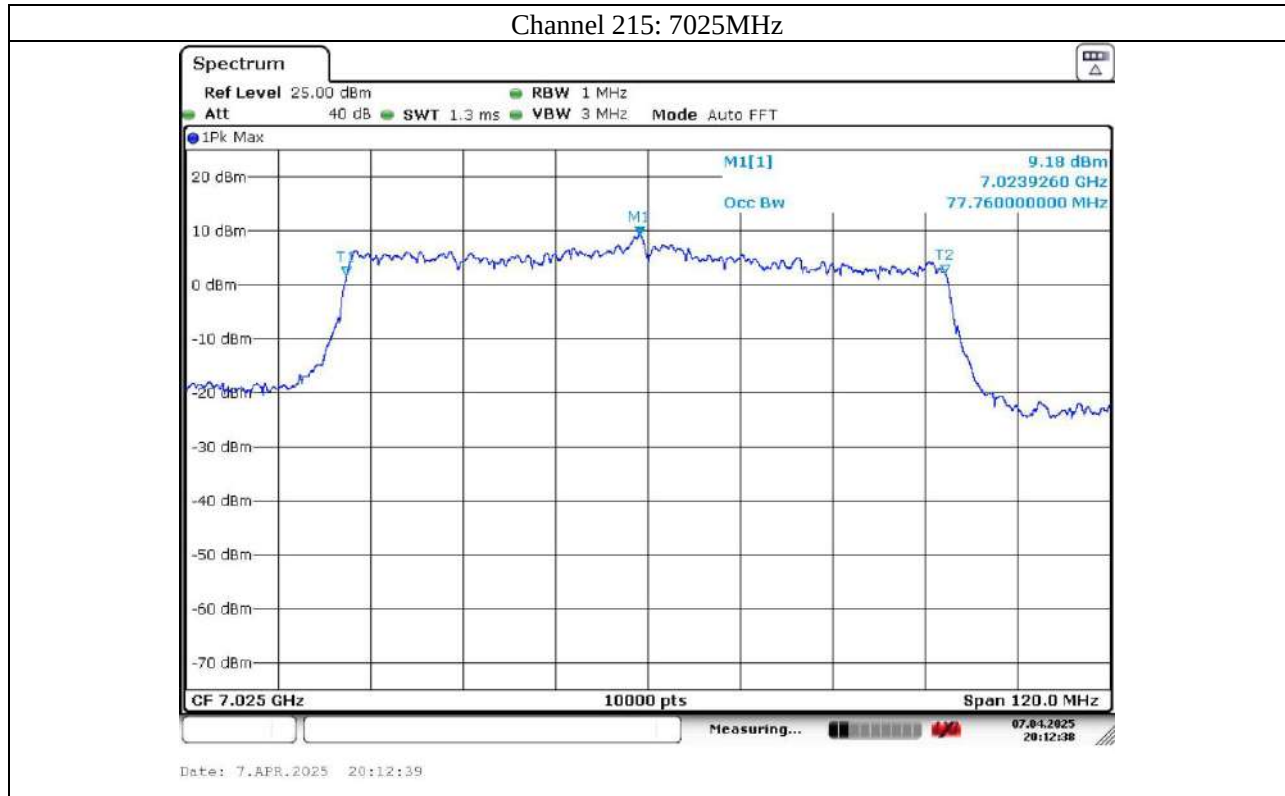


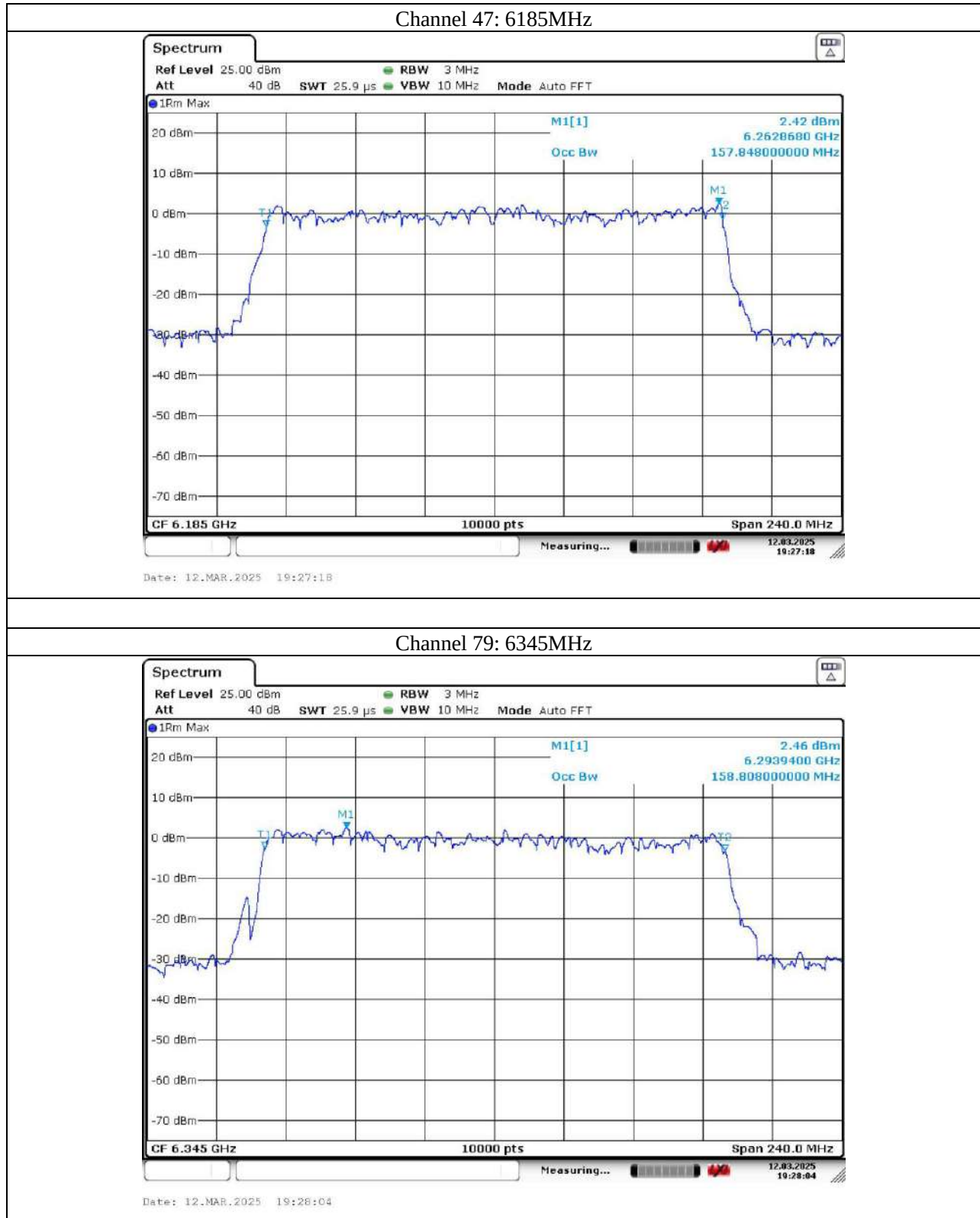
Report No.: AAEMT/RF/250131-01-03





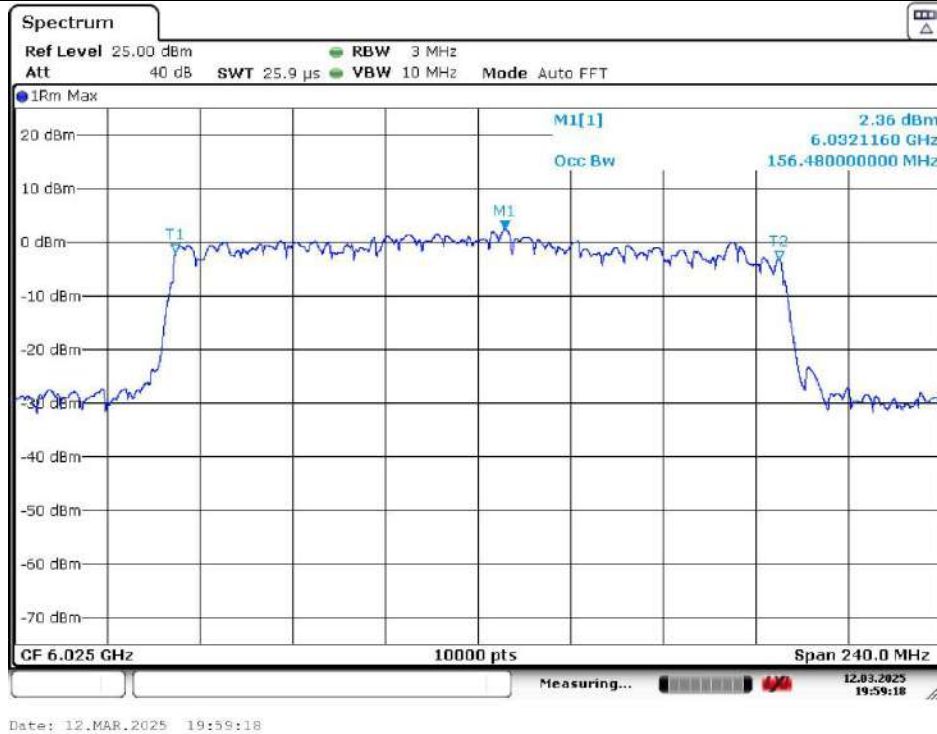




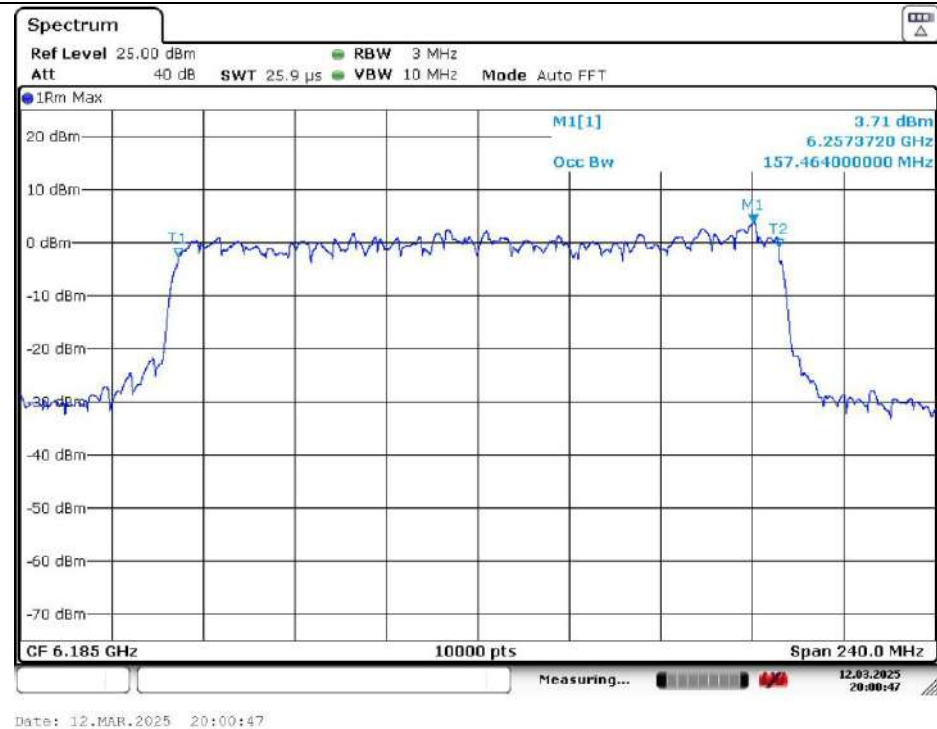


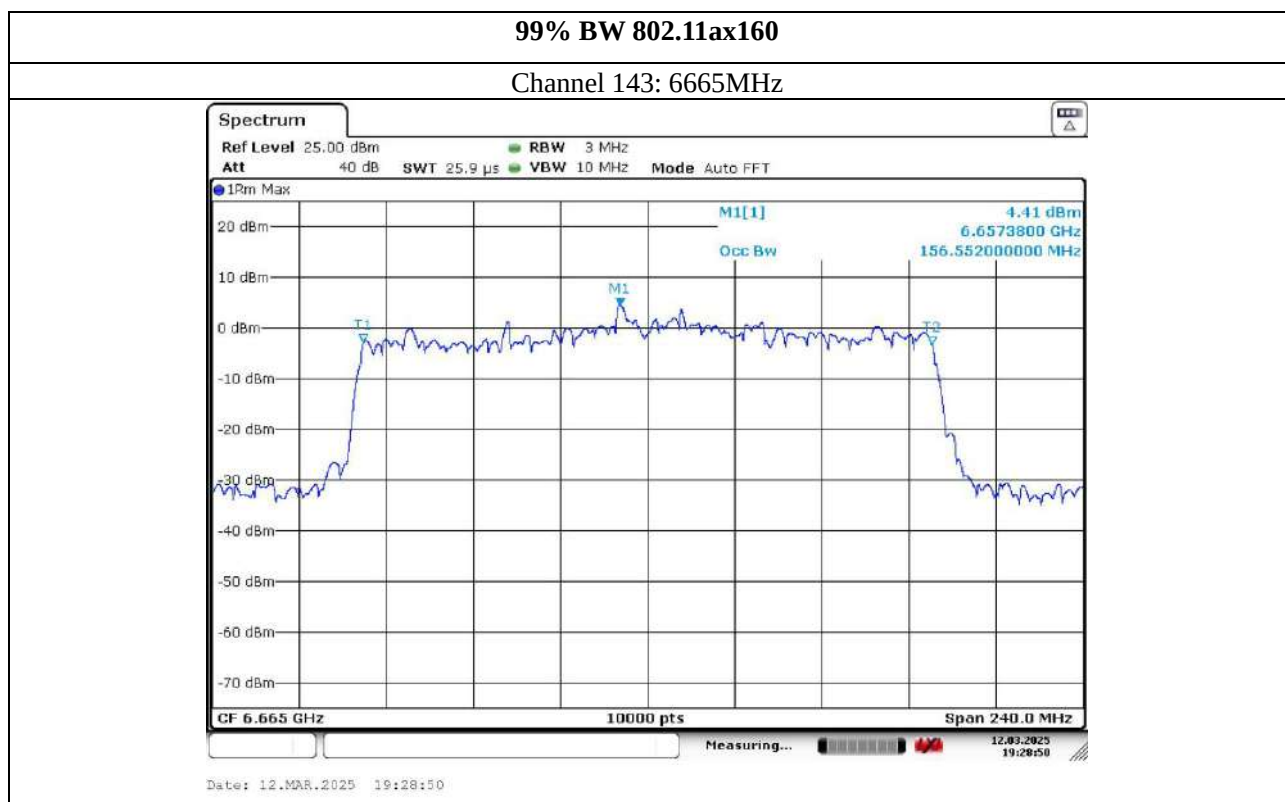
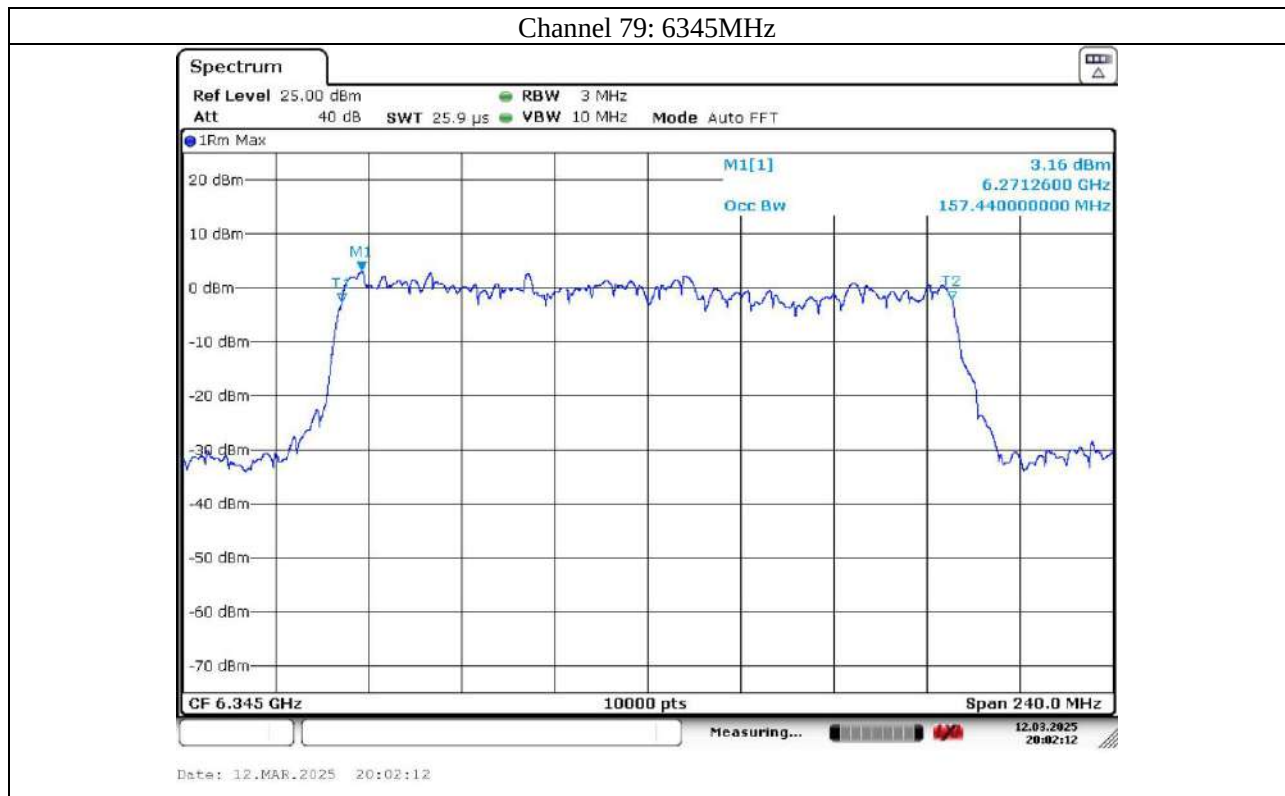
99% BW 802.11be160

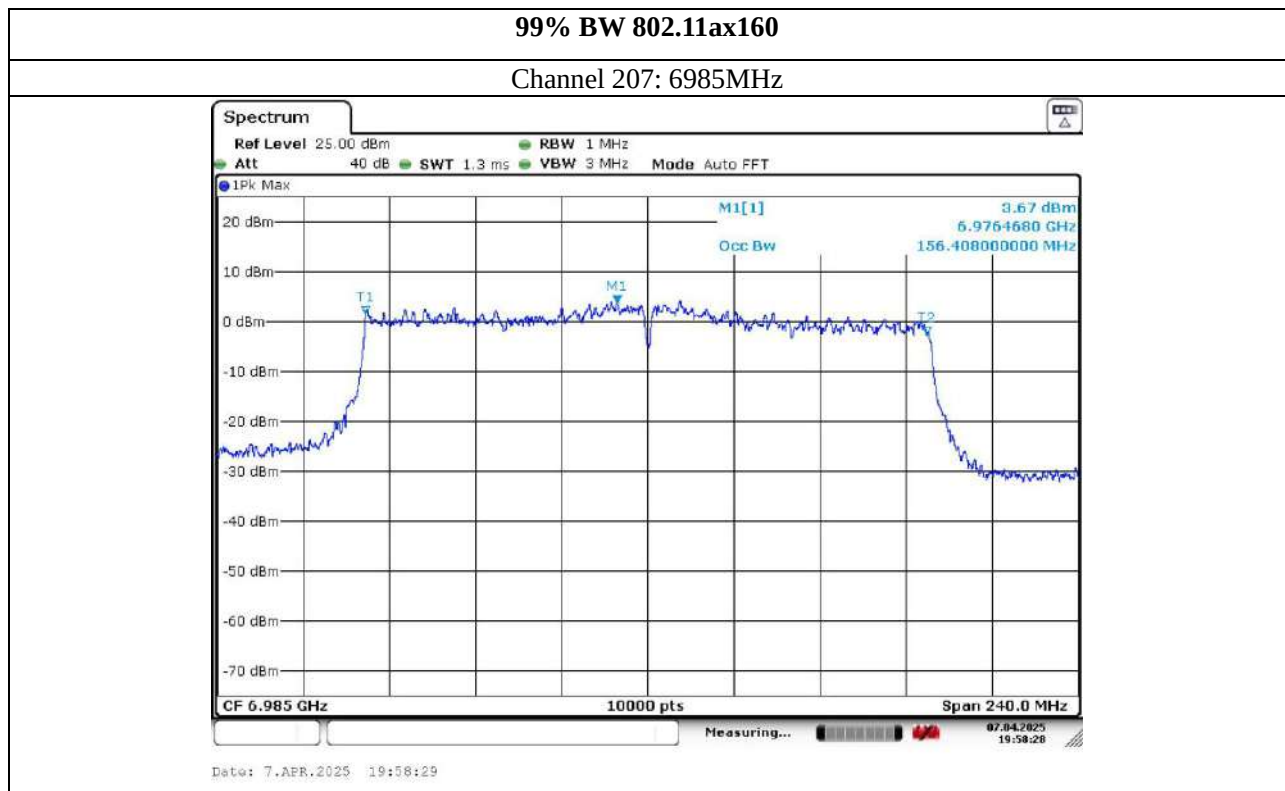
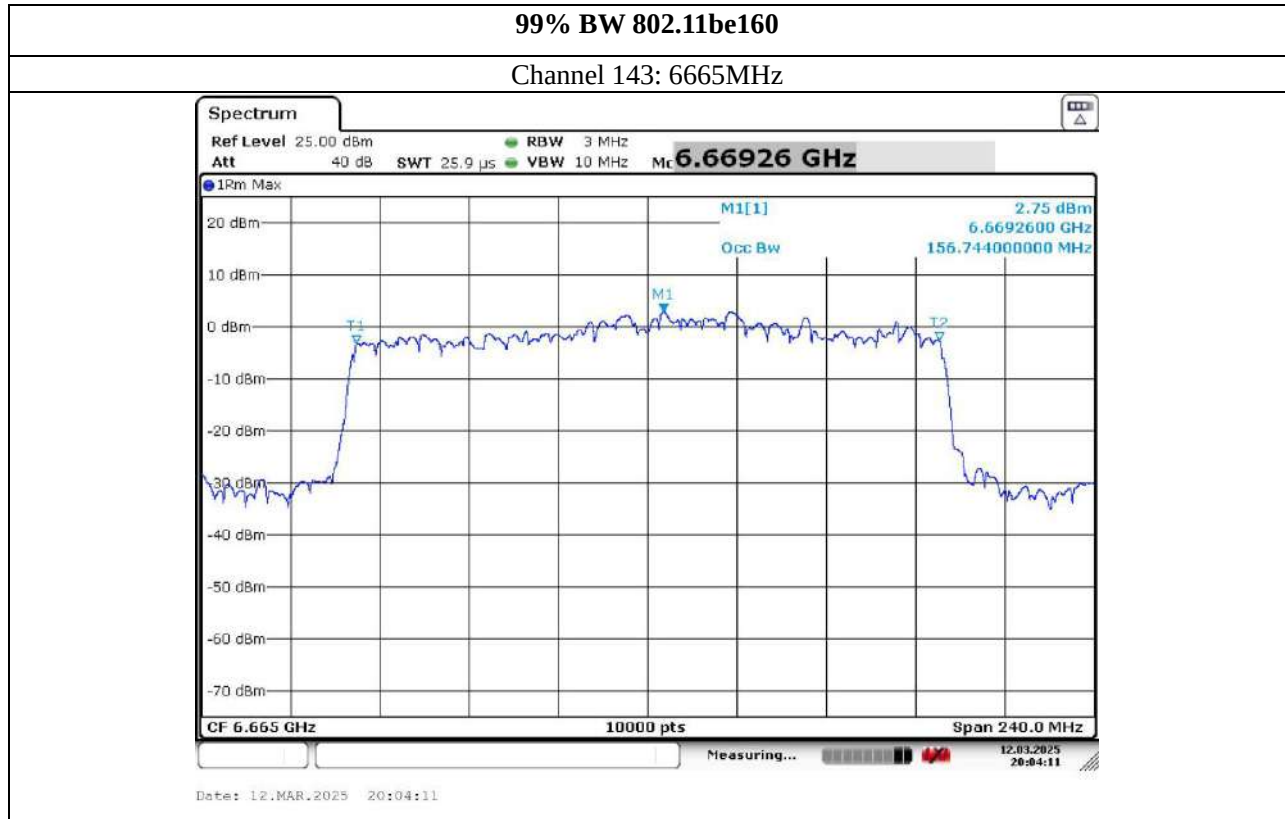
Channel 15: 6025MHz

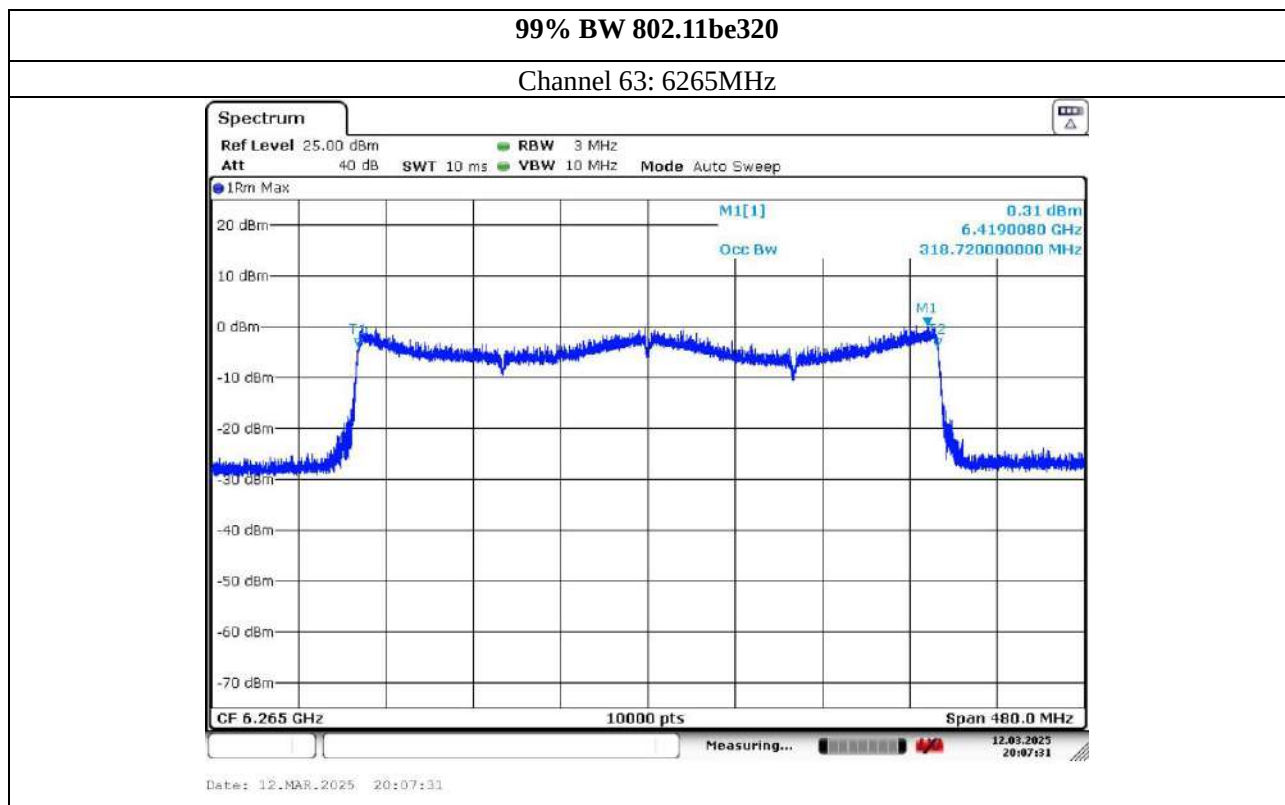
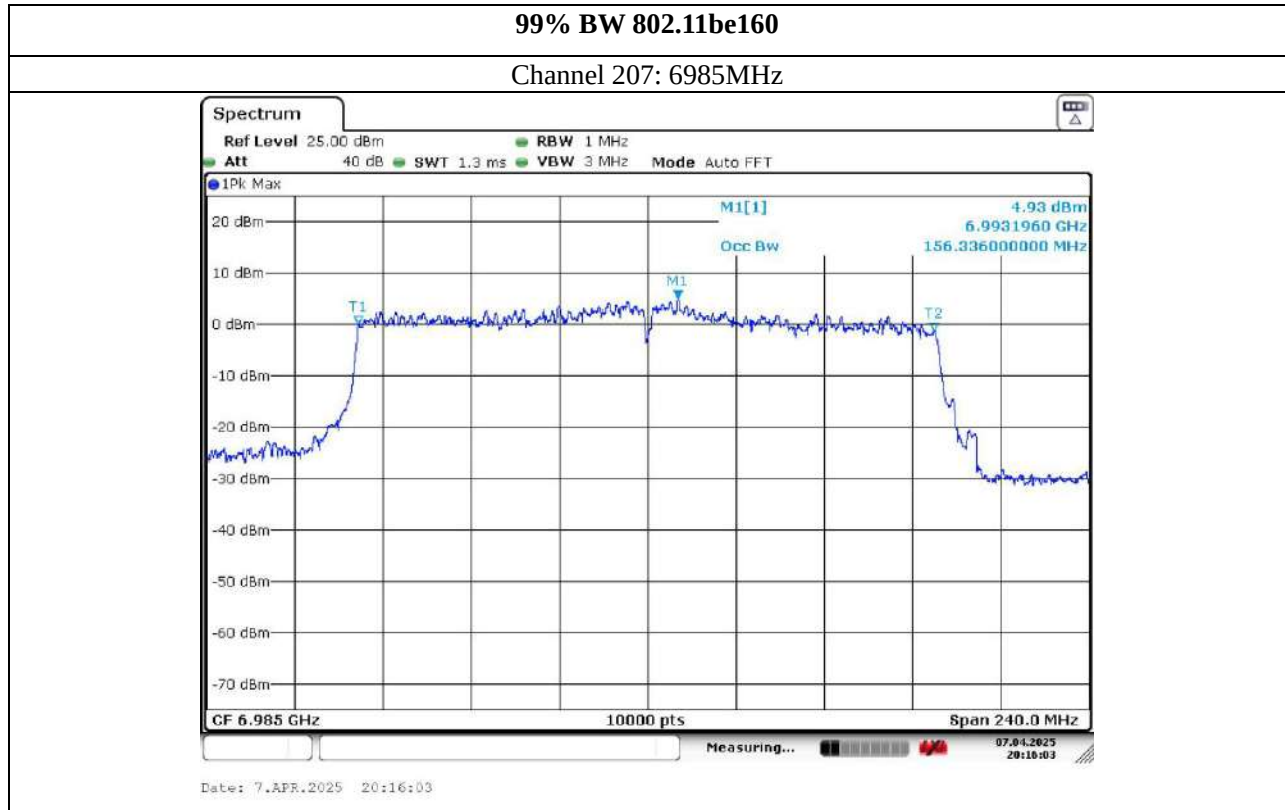


Channel 47: 6185MHz

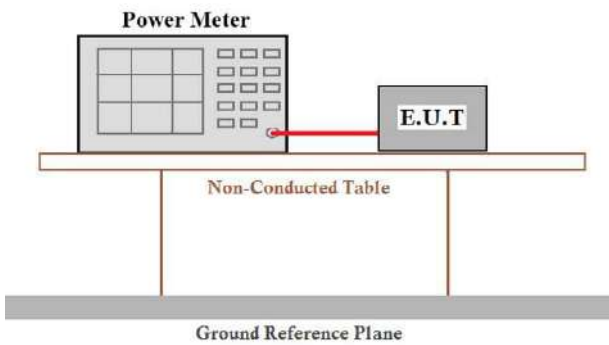








6. MAXIMUM CONDUCTED OUTPUT POWER

Test Requirement:	FCC Part15 E Section 15.407
Test Method:	KDB 789033 D02 General UNII Test Procedures New Rules v02r01
Limit:	For the band 5.925-7.125 GHz, the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm.
Test setup:	
Test procedure:	Measurement using an RF average power meter (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 a) The EUT is configured to transmit continuously or to transmit with a constant duty cycle. b) At all times when the EUT is transmitting, it must be transmitting at its maximum power control level. c) 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 B). (iii) Measure the average power of the transmitter. This measurement is an average over both 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 percent).
Test Instruments:	Refer to section 3 for details
Test mode:	Refer to section 6 for details

6.1. TEST RESULT

Antenna 0:

CH. No.	Frequency (MHz)	Conducted Output Power (dBm)		e.i.r.p. (dBm)		Limit e.i.r.p. (dBm)	Result
		802.11ax (HE20)	802.11be (EHT20)	802.11ax (HE20)	802.11be (EHT20)		
CH2	5935	17.79	17.19	23.29	22.69	30.00	Pass
CH45	6175	17.23	17.13	22.73	22.63	30.00	Pass
CH93	6415	17.93	18.00	23.43	23.50	30.00	Pass
CH97	6435	17.83	17.61	23.33	23.11	30.00	Pass
CH105	6475	14.75	17.74	20.25	23.24	30.00	Pass
CH113	6515	18.06	17.75	23.56	23.25	30.00	Pass
CH117	6535	17.60	17.80	23.10	23.30	30.00	Pass
CH153	6715	17.89	17.60	23.39	23.10	30.00	Pass
CH181	6855	17.30	17.60	22.8	23.10	30.00	Pass
CH189	6895	17.79	17.74	23.29	23.24	30.00	Pass
CH213	7015	16.87	17.07	22.37	22.50	30.00	Pass
CH233	7115	17.03	17.07	22.53	22.57	30.00	Pass

CH. No.	Frequency (MHz)	Conducted Output Power (dBm)		e.i.r.p. (dBm)		Limit e.i.r.p. (dBm)	Result
		802.11ax (HE40)	802.11be (EHT40)	802.11ax (HE40)	802.11be (EHT40)		
CH3	5965	17.63	16.61	23.13	22.11	30.00	Pass
CH43	6165	17.89	16.72	23.39	22.22	30.00	Pass
CH91	6405	17.18	16.92	22.68	22.42	30.00	Pass
CH99	6445	16.89	16.71	22.39	22.21	30.00	Pass
CH107	6485	17.63	16.57	23.13	22.07	30.00	Pass
CH123	6565	16.07	16.87	21.57	22.37	30.00	Pass
CH155	6725	16.02	16.98	21.52	22.48	30.00	Pass
CH179	6845	16.72	16.47	22.22	21.97	30.00	Pass
CH195	6925	16.29	17.33	21.79	22.83	30.00	Pass
CH211	7005	16.77	17.63	22.27	27.77	30.00	Pass
CH227	7085	16.63	16.5	22.13	27.63	30.00	Pass

CH. No.	Frequency (MHz)	Conducted Output Power (dBm)		e.i.r.p. (dBm)		Limit e.i.r.p. (dBm)	Result
		802.11ax (HE80)	802.11be (EHT80)	802.11ax (HE80)	802.11be (EHT80)		
CH7	5985	16.49	17.27	21.99	22.77	30.00	Pass
CH39	6145	16.44	16.44	21.94	21.94	30.00	Pass
CH87	6385	16.37	16.42	21.87	21.92	30.00	Pass
CH103	6465	17.17	16.05	22.67	21.55	30.00	Pass
CH135	6625	16.68	16.93	22.18	22.43	30.00	Pass
CH151	6705	16.98	16.13	22.48	21.63	30.00	Pass
CH167	6785	16.89	15.86	22.39	21.36	30.00	Pass
CH199	6945	16.27	16.55	21.77	22.05	30.00	Pass
CH215	7025	16.12	16.30	21.62	21.80	30.00	Pass

CH. No.	Frequency (MHz)	Conducted Output Power (dBm)		e.i.r.p. (dBm)		Limit e.i.r.p. (dBm)	Result
		802.11ax (HE160)	802.11be (EHT160)	802.11ax (HE160)	802.11be (EHT160)		
CH15	6025	15.66	15.88	21.16	21.38	30.00	Pass
CH47	6185	16.07	15.08	21.57	20.58	30.00	Pass
CH79	6345	16.51	15.70	22.01	21.20	30.00	Pass
CH143	6665	15.93	15.09	21.43	20.59	30.00	Pass
CH207	6985	15.19	15.63	20.69	21.13	30.00	Pass

CH. No.	Frequency (MHz)	Conducted Output Power (dBm)	e.i.r.p. (dBm)	Limit e.i.r.p. (dBm)	Result
		802.11be (EHT320)	802.11be (EHT320)		
CH63	6265	14.06	19.56	30.00	Pass

Antenna 1:

CH. No.	Frequency (MHz)	Conducted Output Power (dBm)		e.i.r.p. (dBm)		Limit e.i.r.p. (dBm)	Result
		802.11ax (HE20)	802.11be (EHT20)	802.11ax (HE20)	802.11be (EHT20)		
CH2	5935	16.85	17.76	22.35	23.26	30.00	Pass
CH45	6175	16.96	17.47	22.46	22.97	30.00	Pass
CH93	6415	17.13	17.76	22.63	23.26	30.00	Pass
CH97	6435	17.39	17.48	22.89	22.98	30.00	Pass
CH105	6475	14.25	17.51	19.75	23.01	30.00	Pass
CH113	6515	17.25	17.58	22.75	23.08	30.00	Pass
CH117	6535	17.60	17.55	23.10	23.05	30.00	Pass
CH153	6715	17.49	17.71	22.99	23.21	30.00	Pass
CH181	6855	17.09	17.23	22.59	22.73	30.00	Pass
CH189	6895	17.40	17.64	22.90	23.14	30.00	Pass
CH213	7015	16.88	17.67	22.38	23.17	30.00	Pass
CH233	7115	16.92	17.78	22.42	23.28	30.00	Pass

CH. No.	Frequency (MHz)	Conducted Output Power (dBm)		e.i.r.p. (dBm)		Limit e.i.r.p. (dBm)	Result
		802.11ax (HE40)	802.11be (EHT40)	802.11ax (HE40)	802.11be (EHT40)		
CH3	5965	17.37	16.73	22.87	22.23	30.00	Pass
CH43	6165	17.66	16.56	23.16	22.06	30.00	Pass
CH91	6405	17.03	17.23	22.53	22.73	30.00	Pass
CH99	6445	16.76	16.99	22.26	22.49	30.00	Pass
CH107	6485	16.98	16.83	22.48	22.33	30.00	Pass
CH123	6565	16.84	17.08	22.34	22.58	30.00	Pass
CH155	6725	16.41	17.28	21.91	22.78	30.00	Pass
CH179	6845	16.62	16.63	22.12	22.13	30.00	Pass
CH195	6925	16.79	17.29	22.29	22.79	30.00	Pass
CH211	7005	16.49	17.71	21.99	23.21	30.00	Pass
CH227	7085	16.68	16.60	22.18	22.10	30.00	Pass

CH. No.	Frequency (MHz)	Conducted Output Power (dBm)		e.i.r.p. (dBm)		Limit e.i.r.p. (dBm)	Result
		802.11ax (HE80)	802.11be (EHT80)	802.11ax (HE80)	802.11be (EHT80)		
CH7	5985	16.24	17.37	21.74	22.87	30.00	Pass
CH39	6145	16.97	17.09	22.47	22.59	30.00	Pass
CH87	6385	16.36	16.80	21.86	22.30	30.00	Pass
CH103	6465	17.25	16.61	22.75	22.11	30.00	Pass
CH135	6625	17.14	17.35	22.64	22.85	30.00	Pass
CH151	6705	16.68	16.67	22.18	22.17	30.00	Pass
CH167	6785	17.42	16.37	22.92	21.87	30.00	Pass
CH199	6945	16.16	16.74	21.66	27.16	30.00	Pass
CH215	7025	16.15	16.51	21.65	27.15	30.00	Pass

CH. No.	Frequency (MHz)	Conducted Output Power (dBm)		e.i.r.p. (dBm)		Limit e.i.r.p. (dBm)	Result
		802.11ax (HE160)	802.11be (EHT160)	802.11ax (HE160)	802.11be (EHT160)		
CH15	6025	15.64	14.86	21.14	20.36	30.00	Pass
CH47	6185	15.51	15.80	21.01	21.30	30.00	Pass
CH79	6345	15.20	15.40	20.70	20.90	30.00	Pass
CH143	6665	15.43	16.17	20.93	21.67	30.00	Pass
CH207	6985	15.25	15.38	20.75	20.88	30.00	Pass

CH. No.	Frequency (MHz)	Conducted Output Power (dBm)	e.i.r.p. (dBm)	Limit e.i.r.p. (dBm)	Result
		802.11be (EHT320)	802.11be (EHT320)		
CH63	6265	14.93	20.43	30.00	Pass

7. Band Edges Measurement

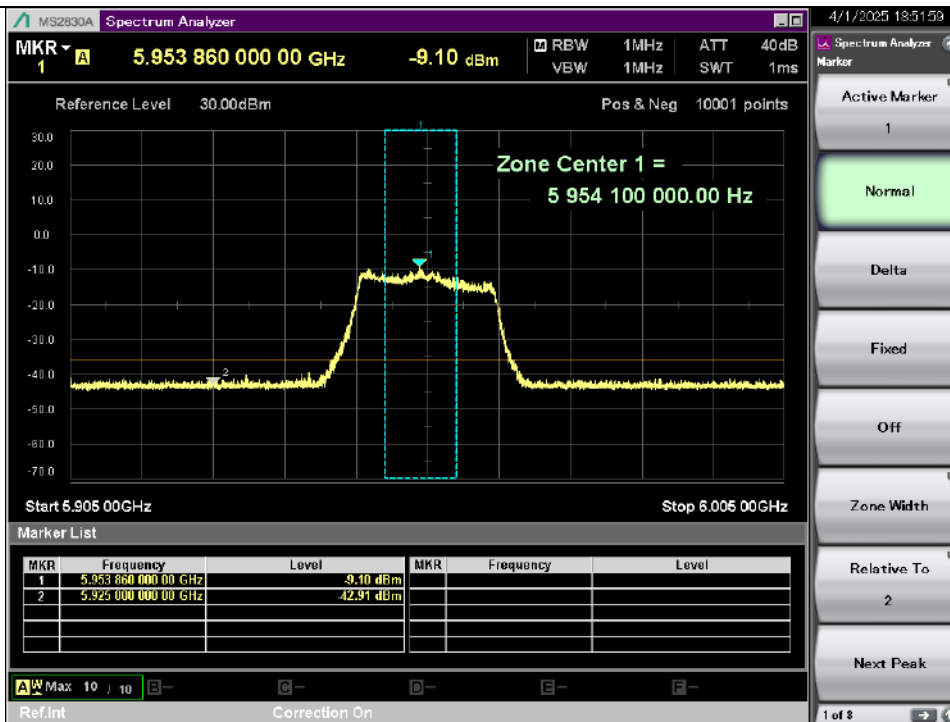
Test Requirement:	FCC Part15 E Section 15.407 and 15.205
Test Method:	ANSI C63.10:2020
Limit:	Undesirable emission limits: (1) For transmitters operating in the 5.925-7.125GHz band: all emissions outside of the 5.925-7.125GHz band shall not exceed an EIRP of -27 dBm/MHz.
Test Procedure:	a. The Transmitter output of EUT was connected to the spectrum analyzer. Equipment mode: Spectrum analyzer Detector function: Peak mode SPAN: 100MHz RBW: 1 MHz VBW: 1 MHz Sweep time= Auto. b. Using Peak Search to read the peak power of Carrier frequencies after Maximum Hold function is completed. c. Find the next peak frequency outside the operation frequency band.
Test setup:	
Test results:	Pass

7.1. TEST RESULT

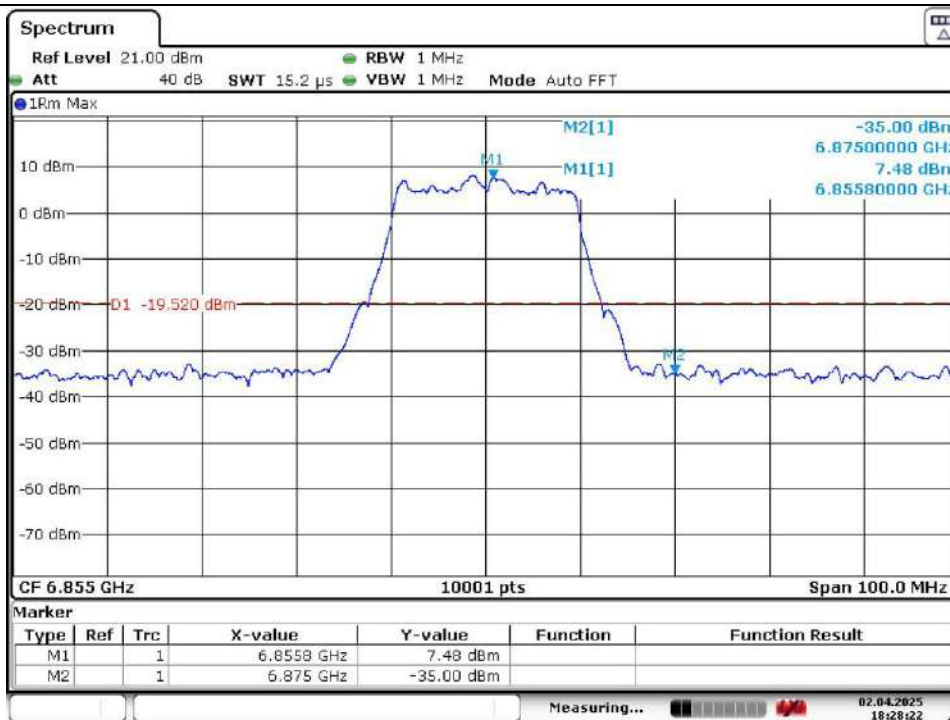
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802.11ax20

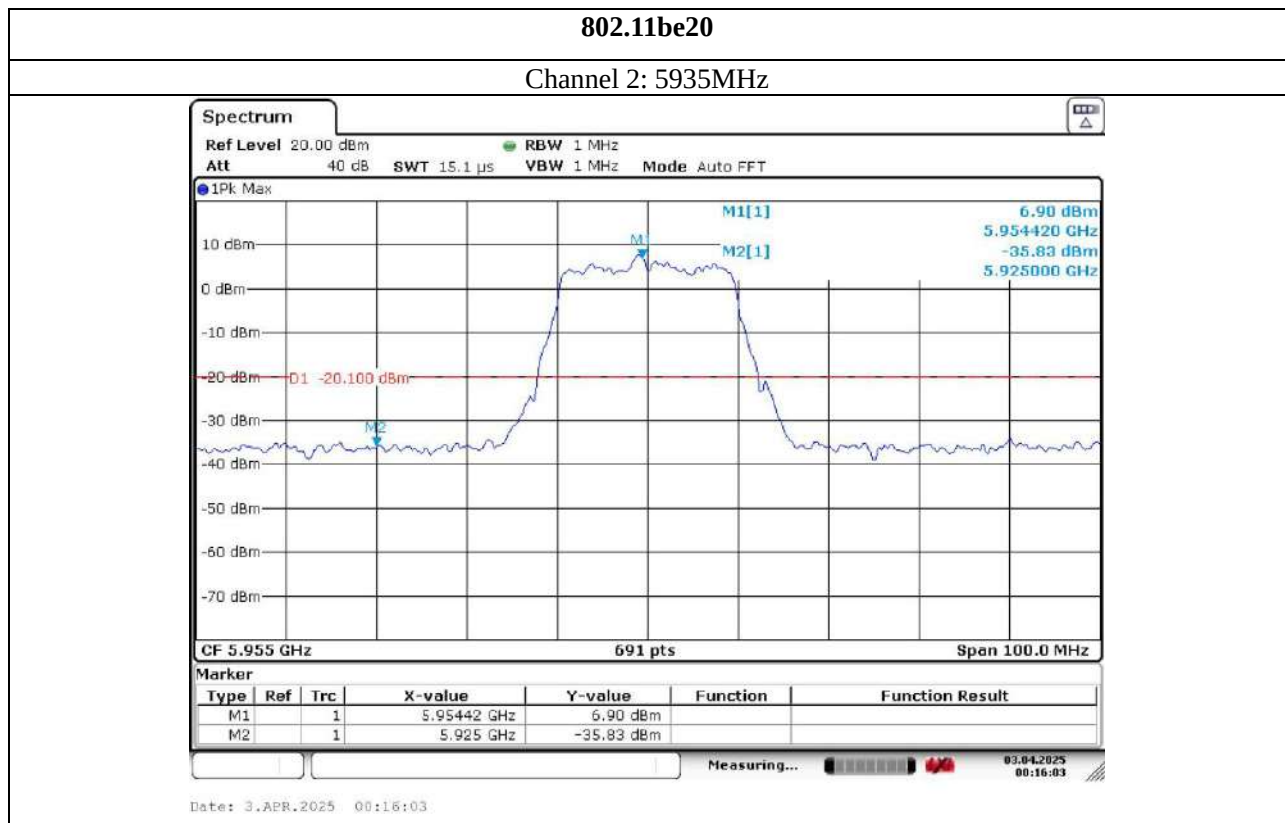
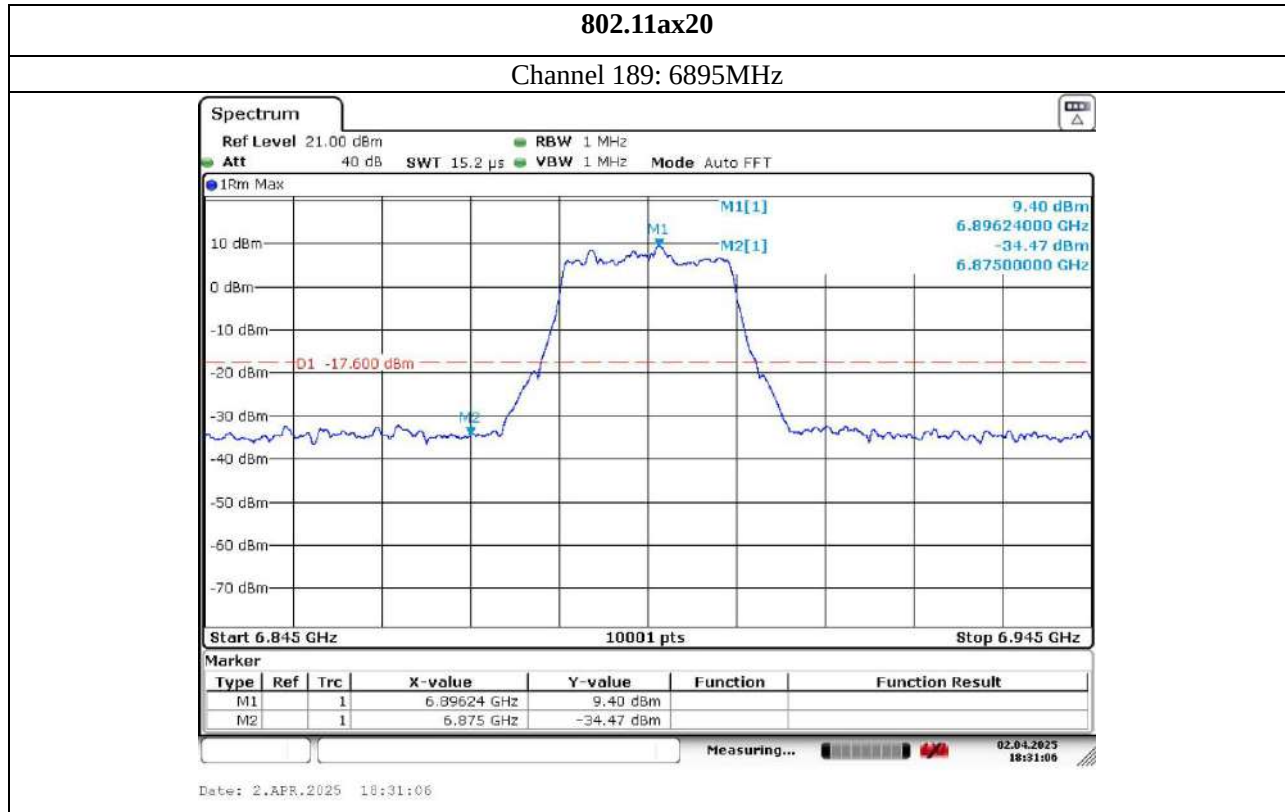
Channel 2: 5935MHz

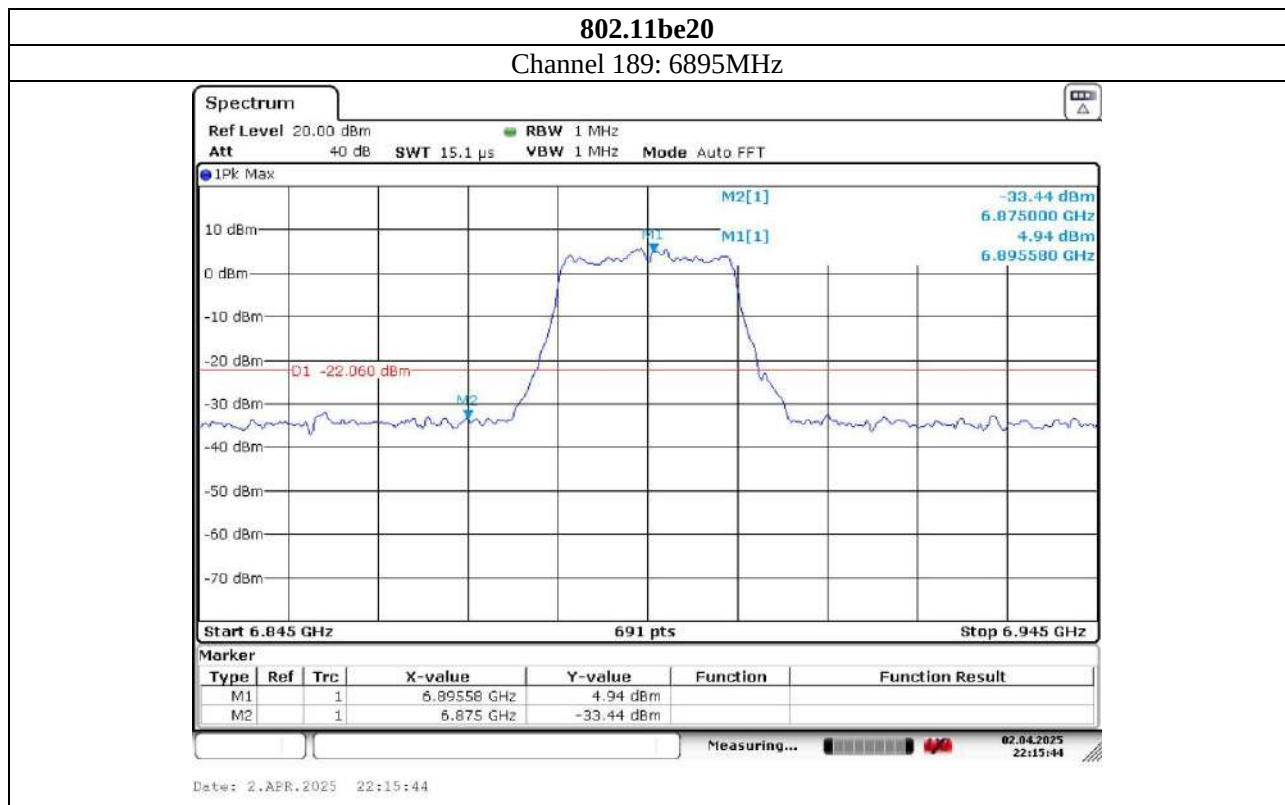
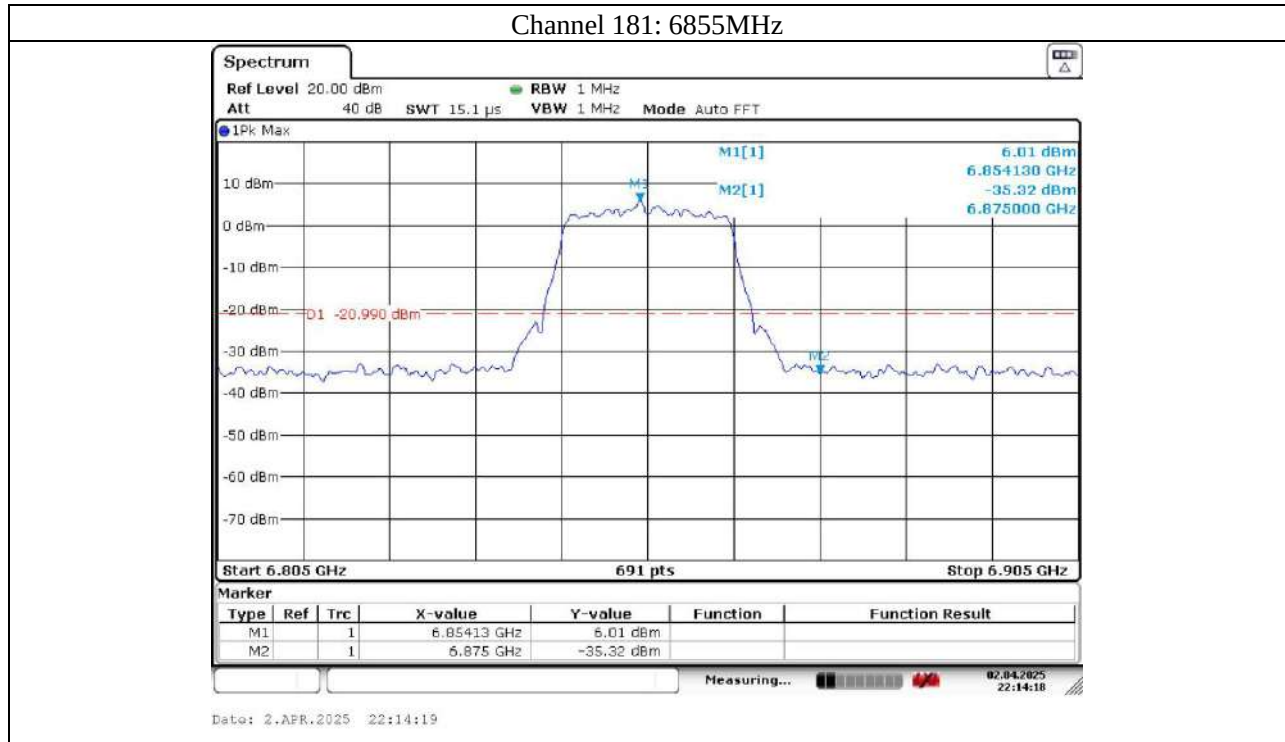


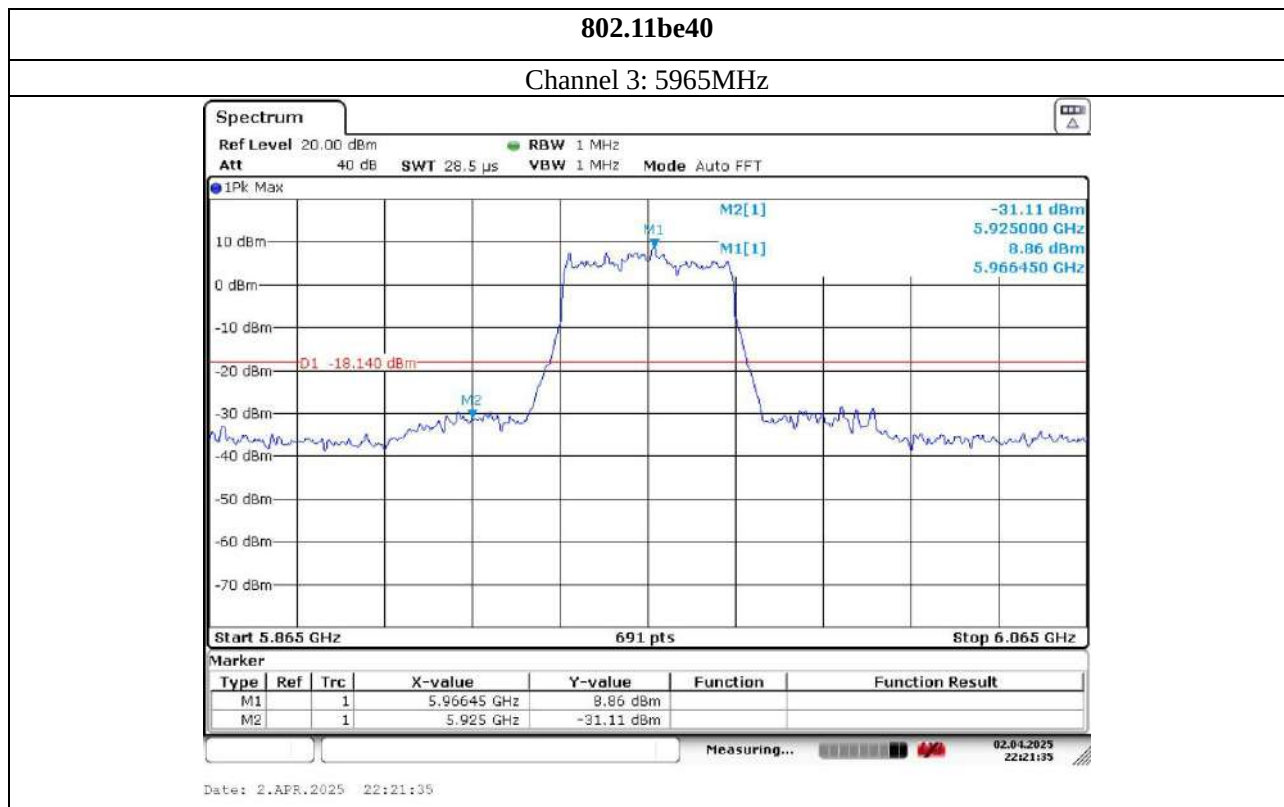
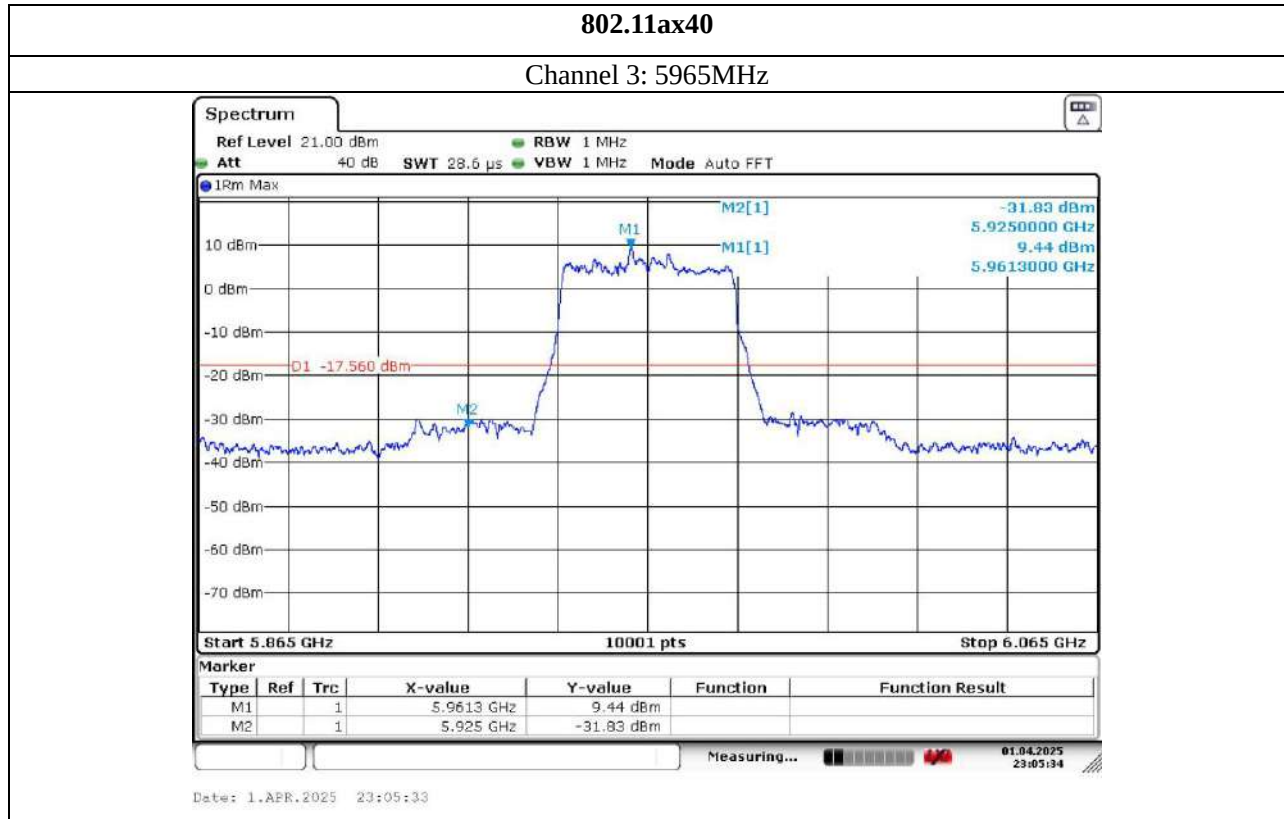
Channel 181: 6855MHz

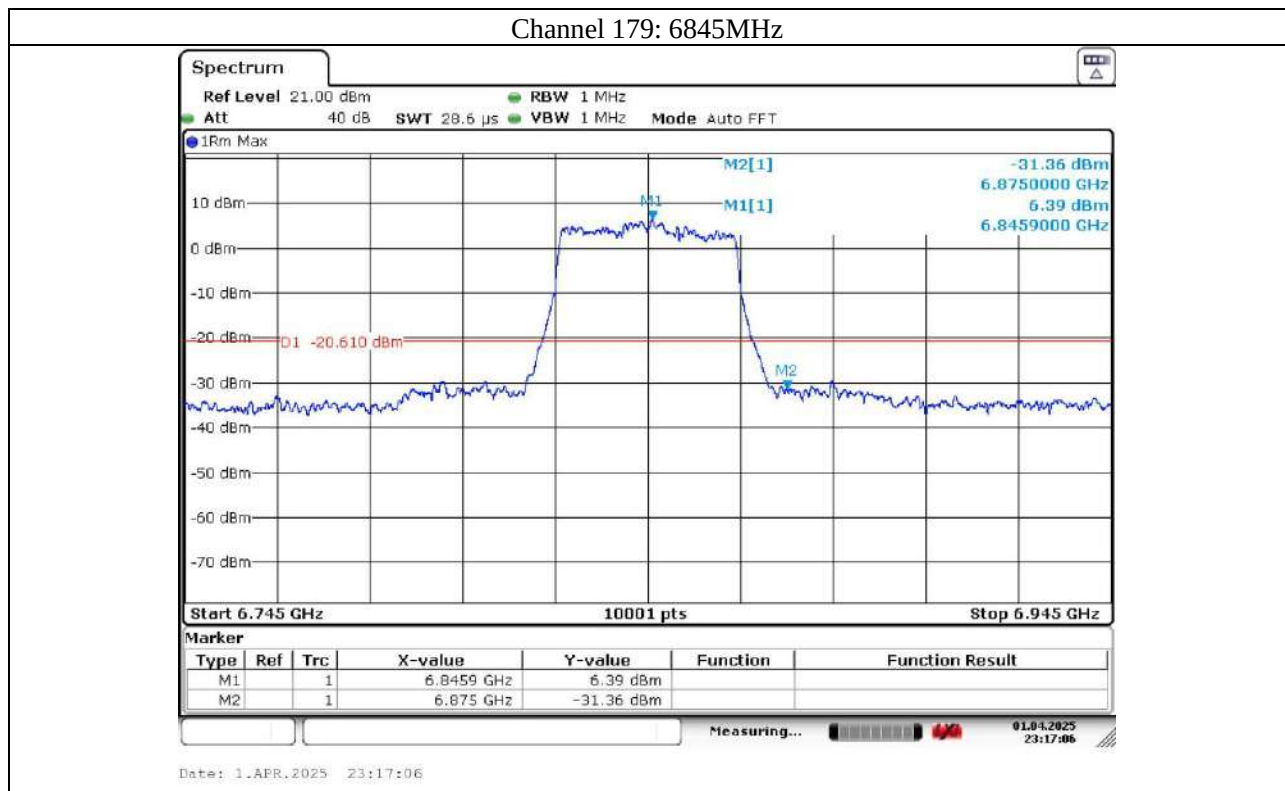
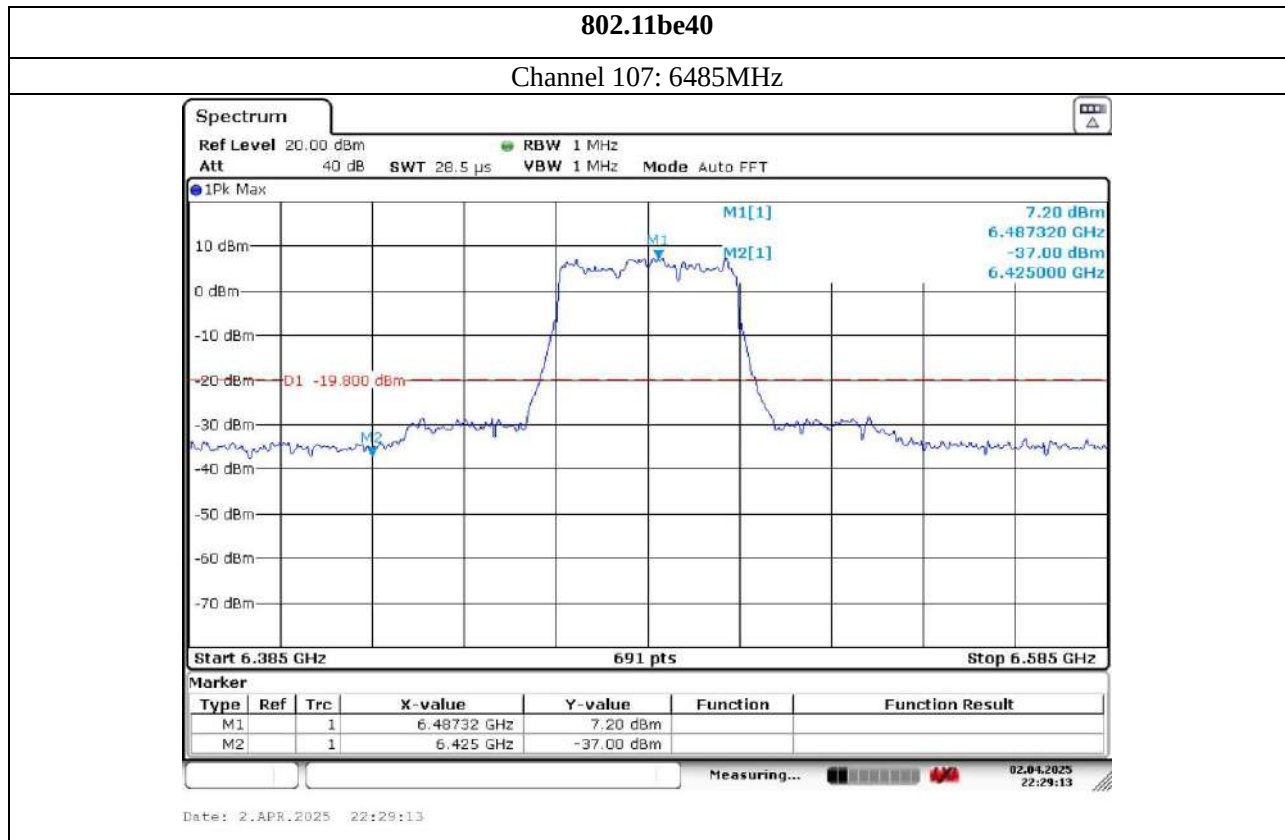


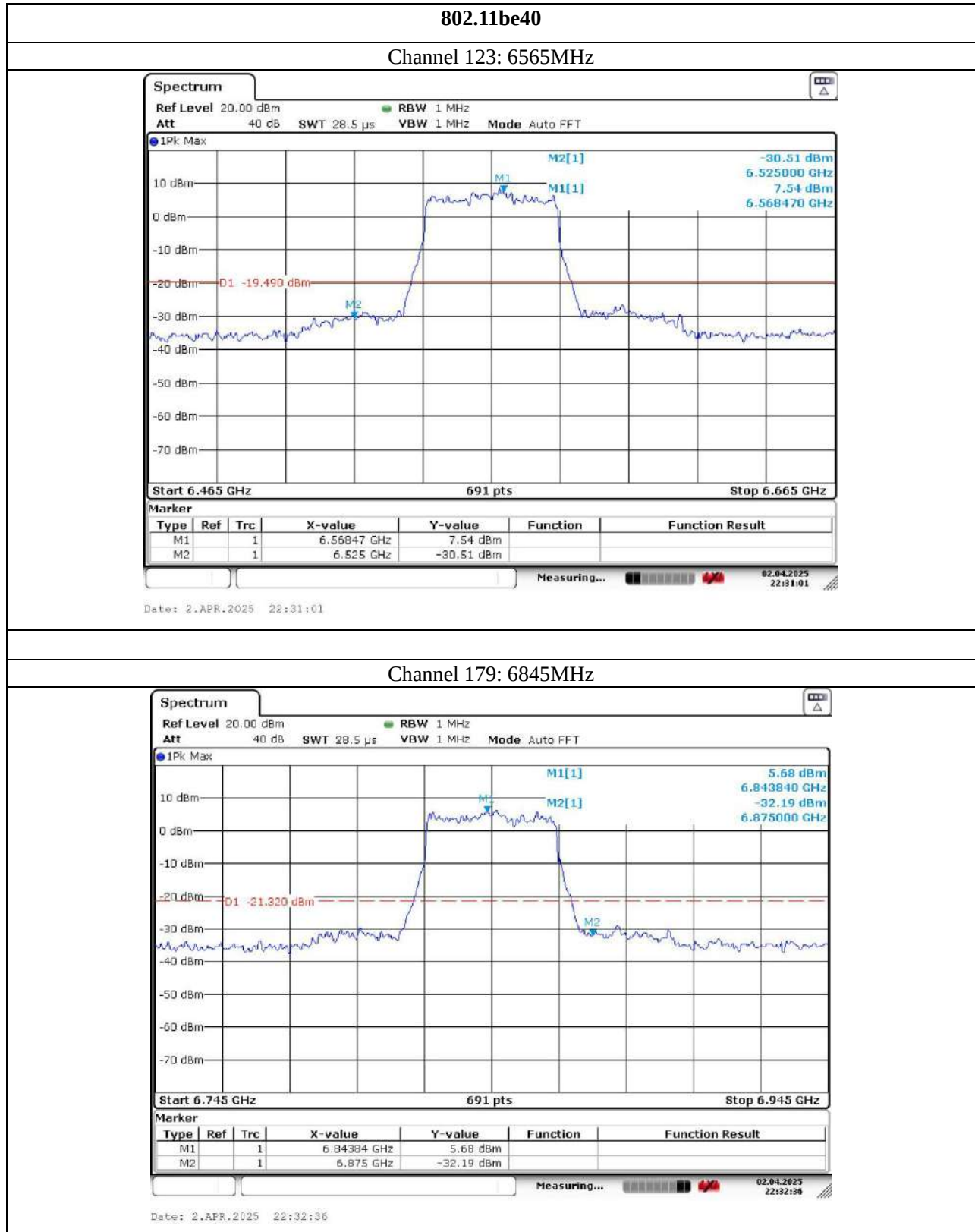
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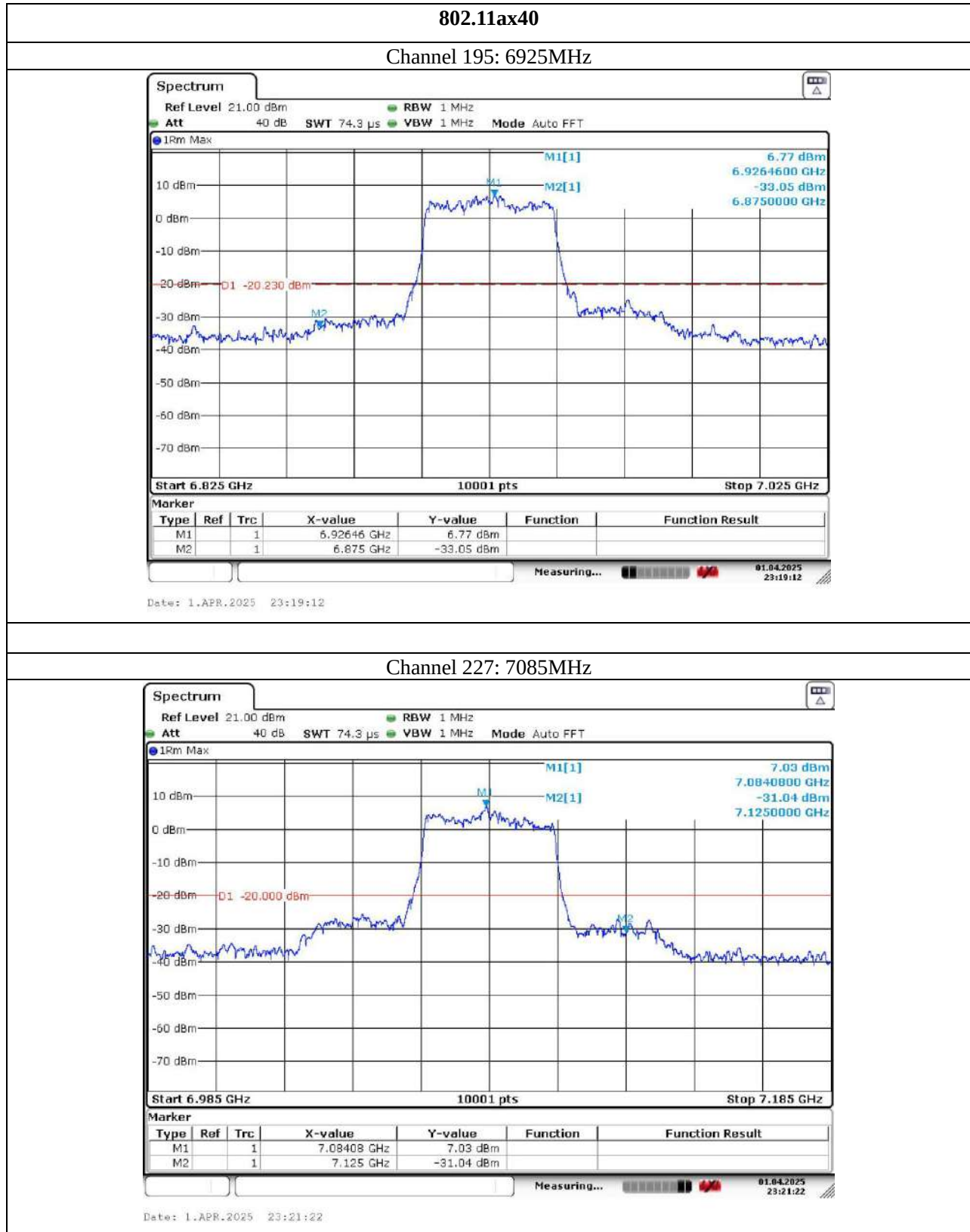






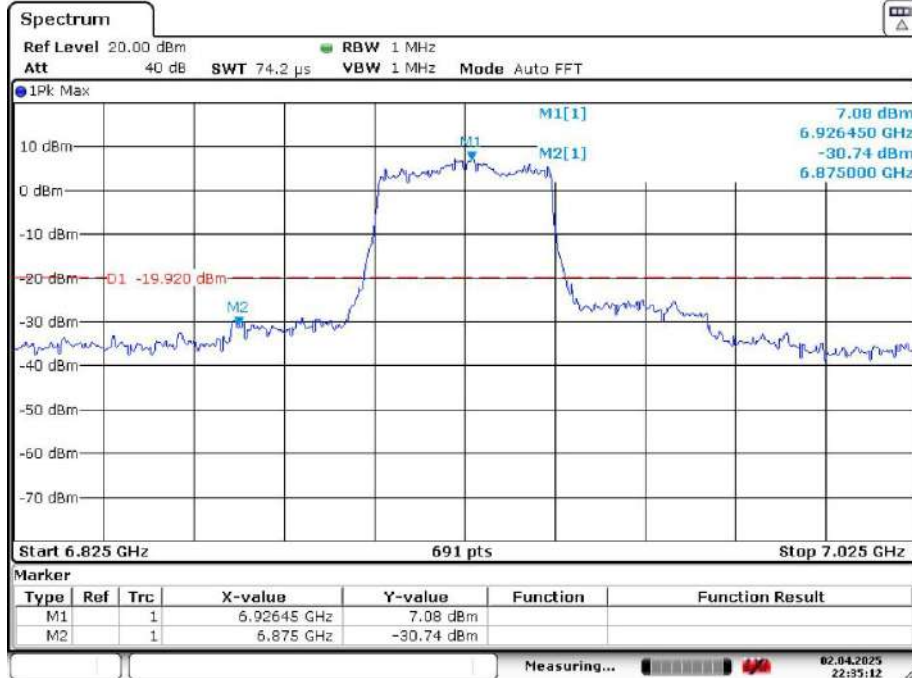




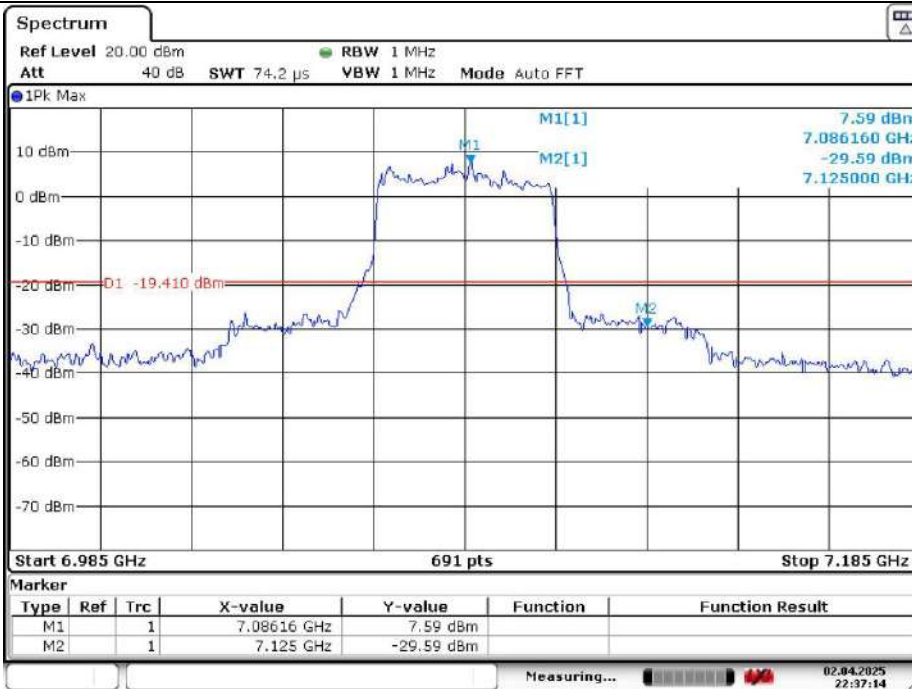


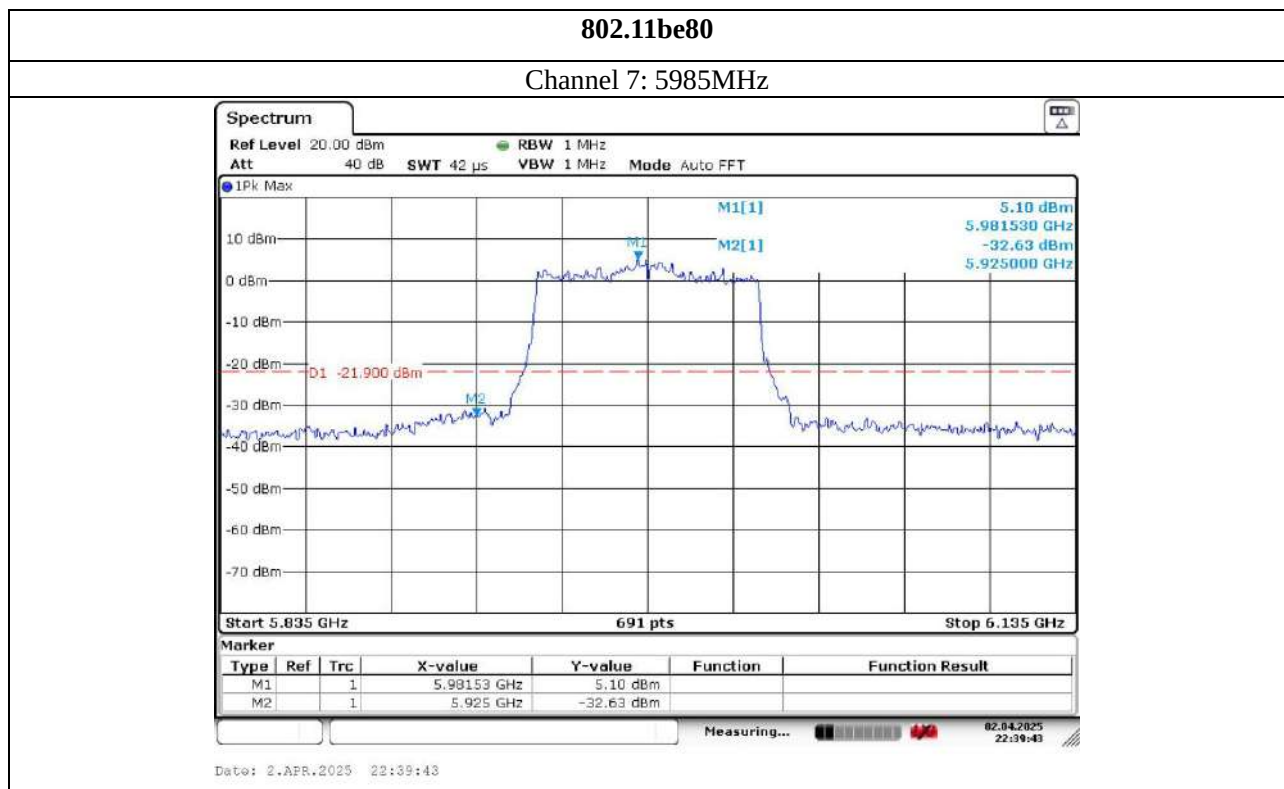
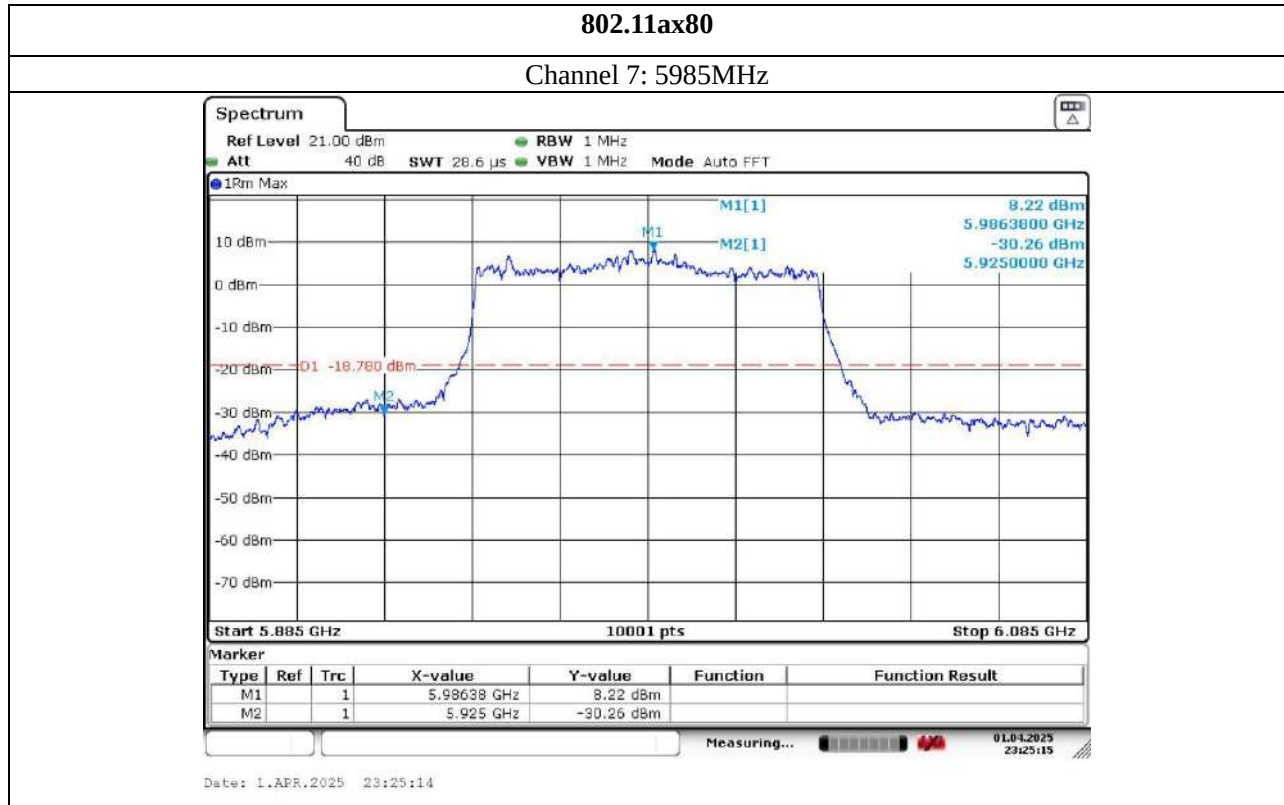
802.11be40

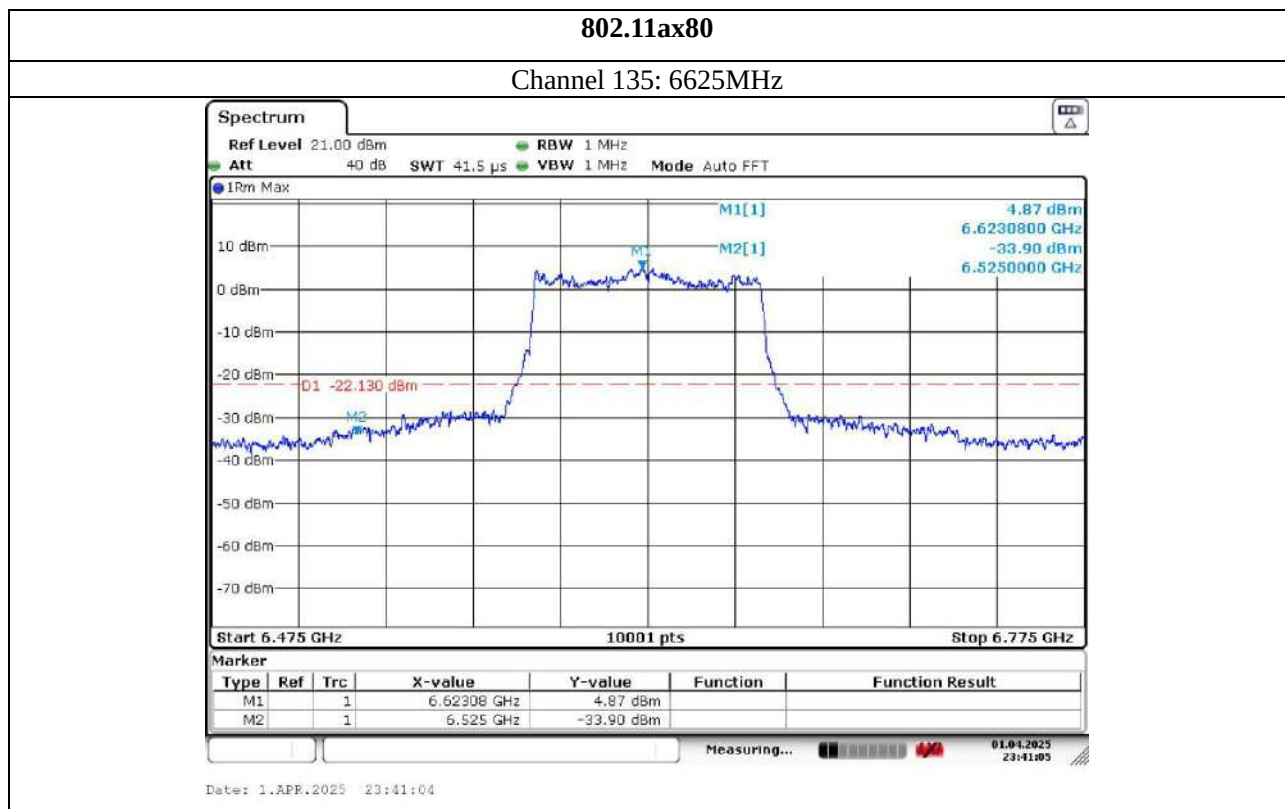
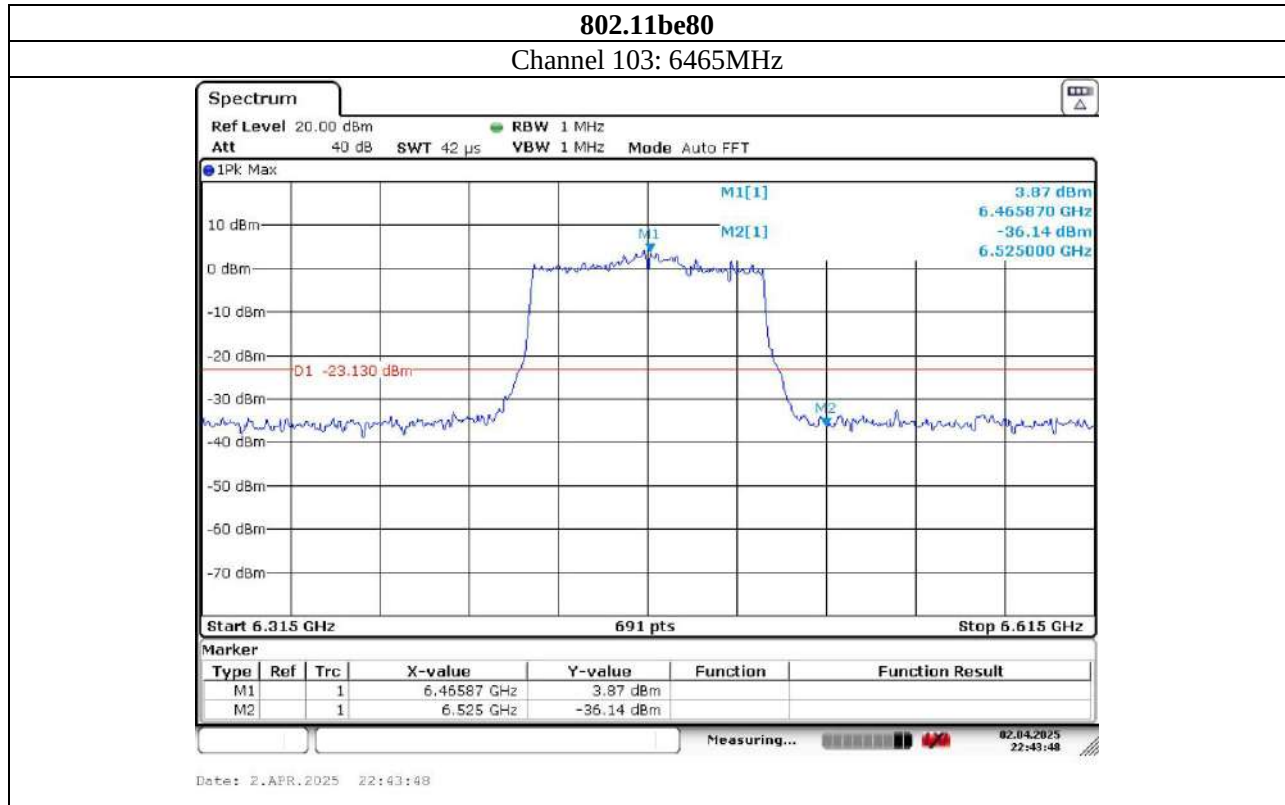
Channel 195: 6925MHz

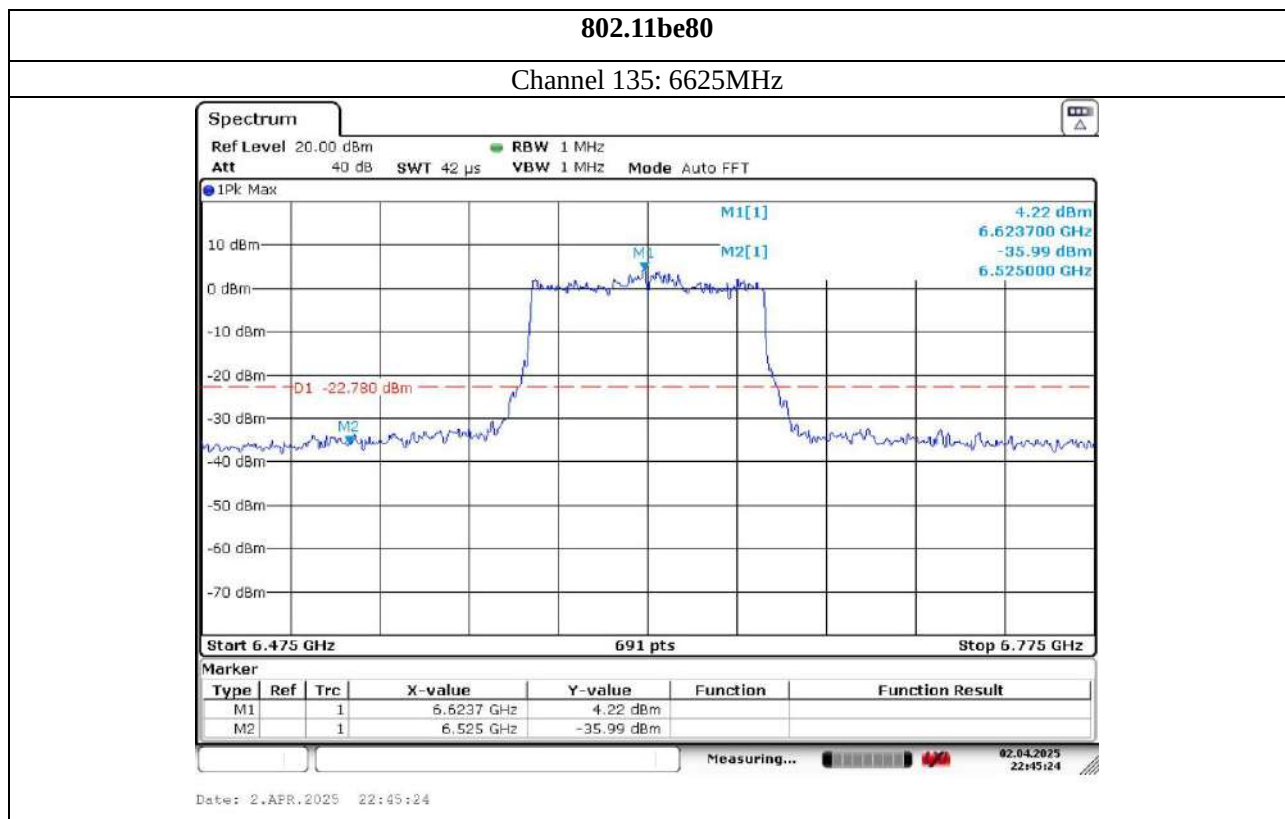
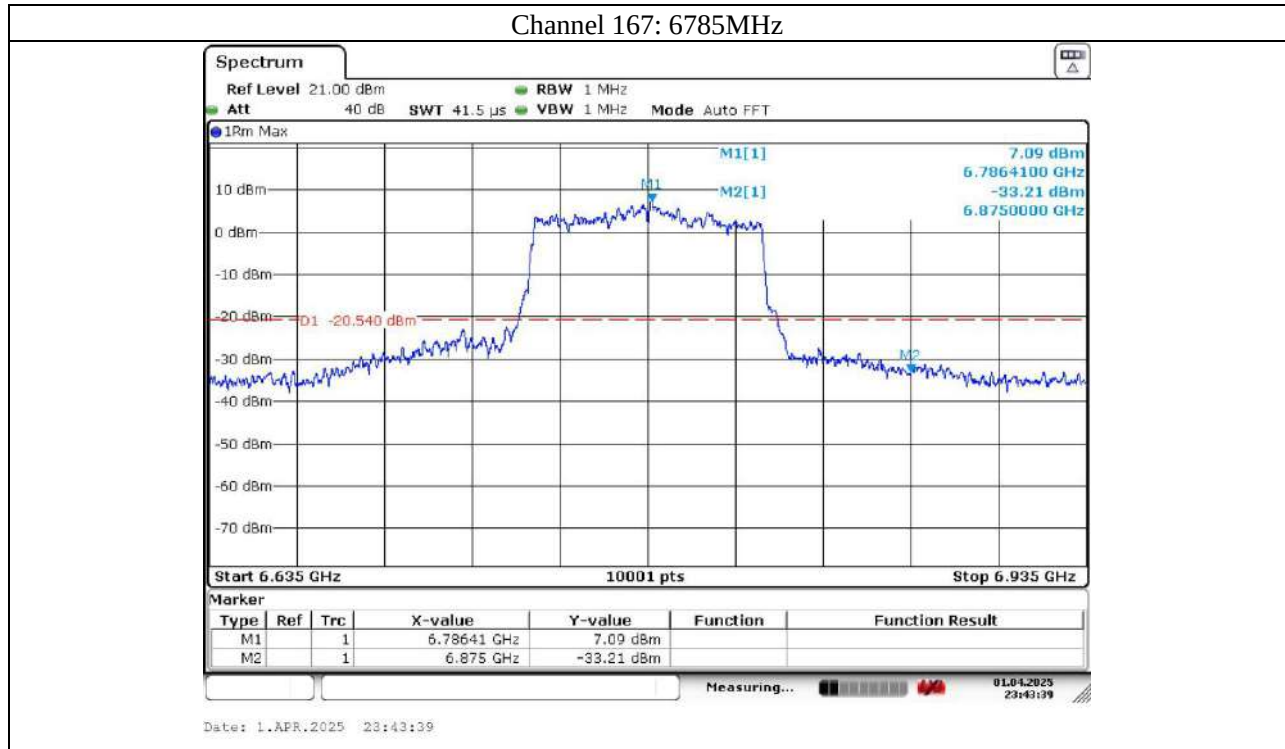


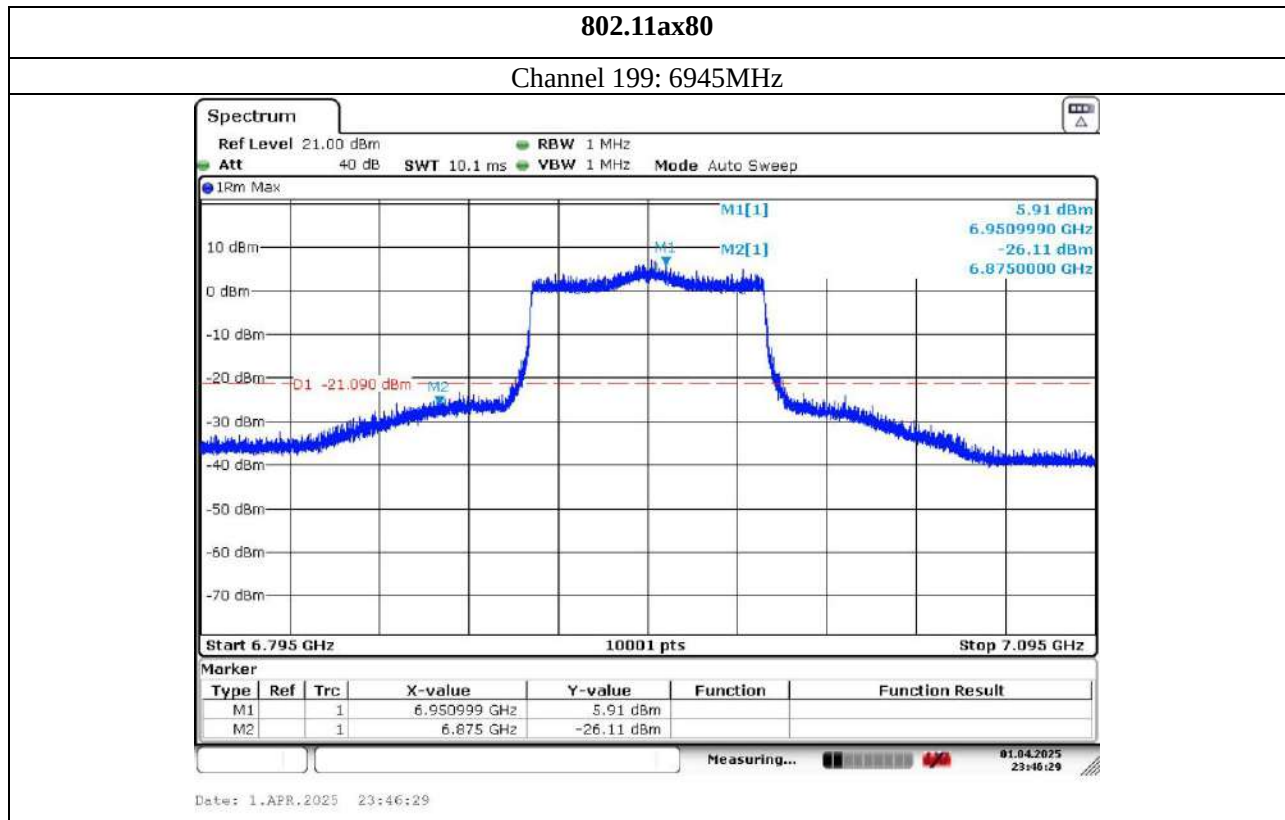
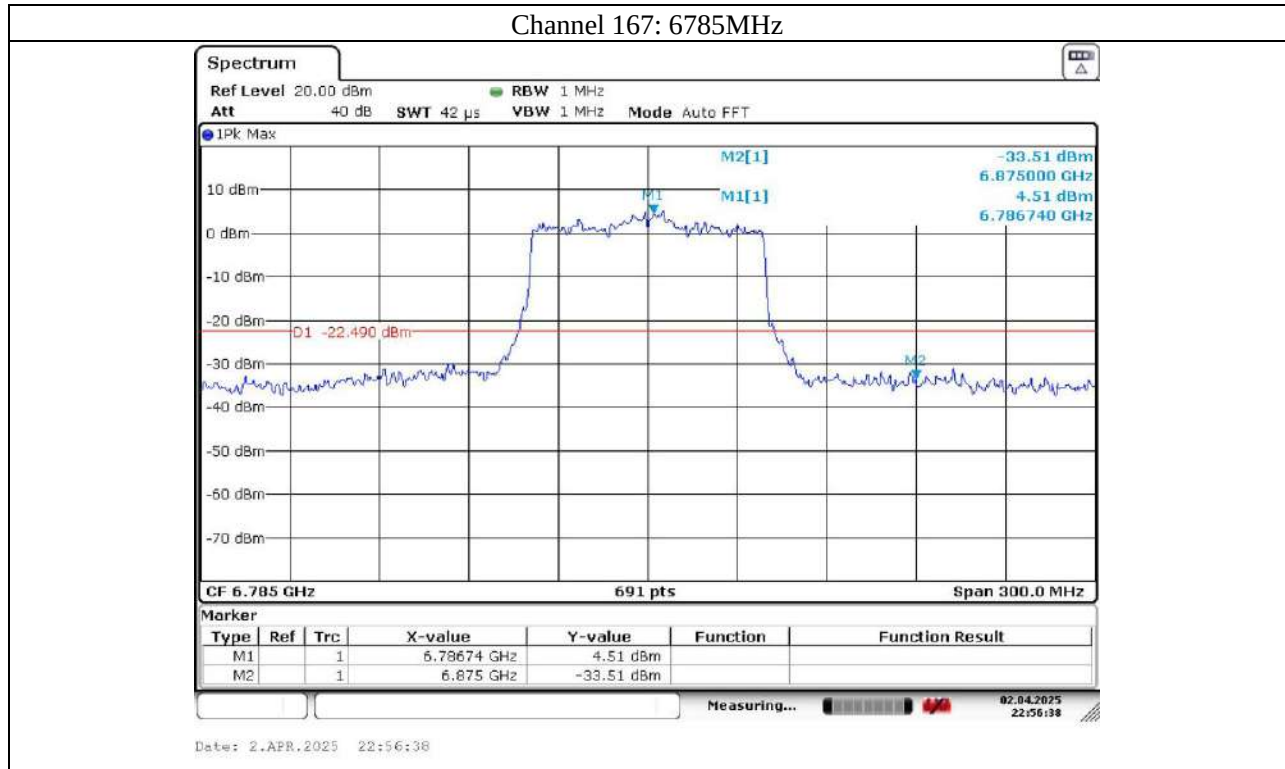
Channel 227: 7085MHz

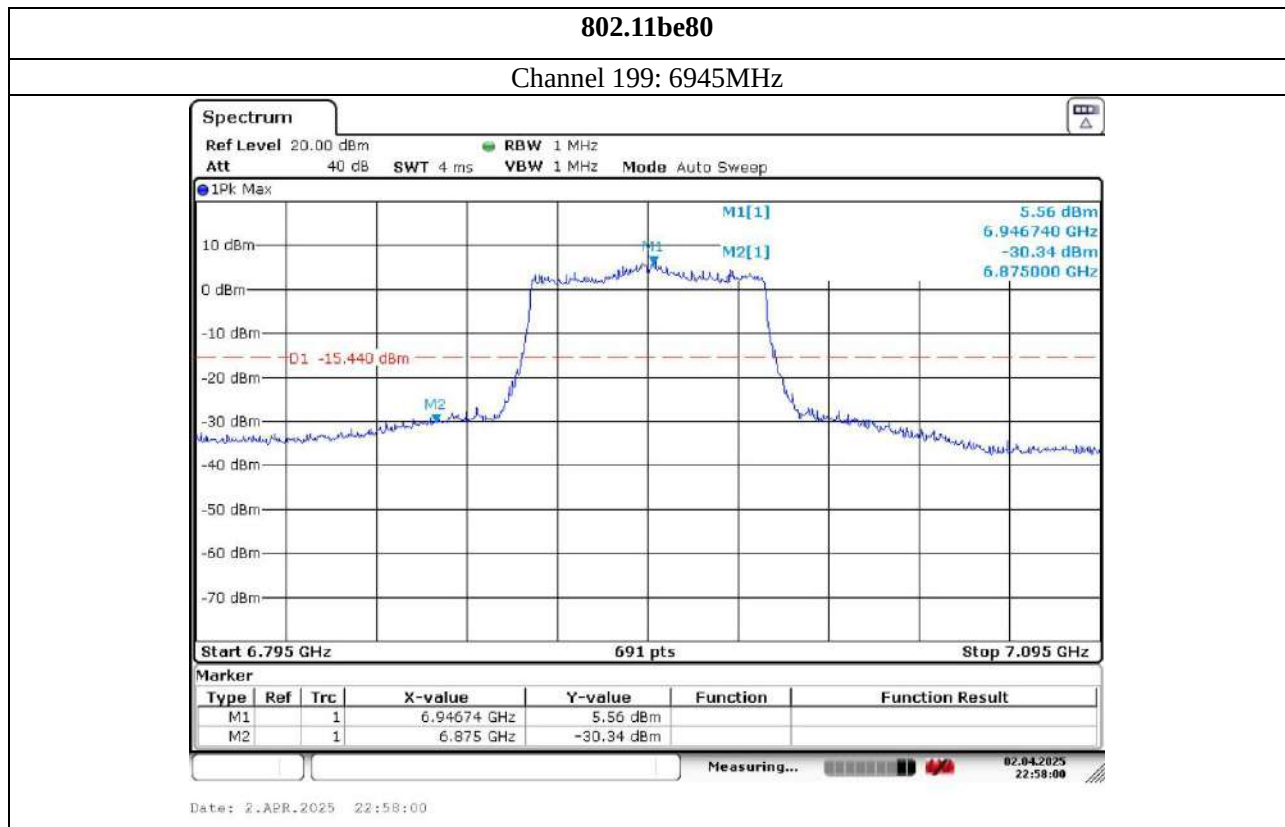
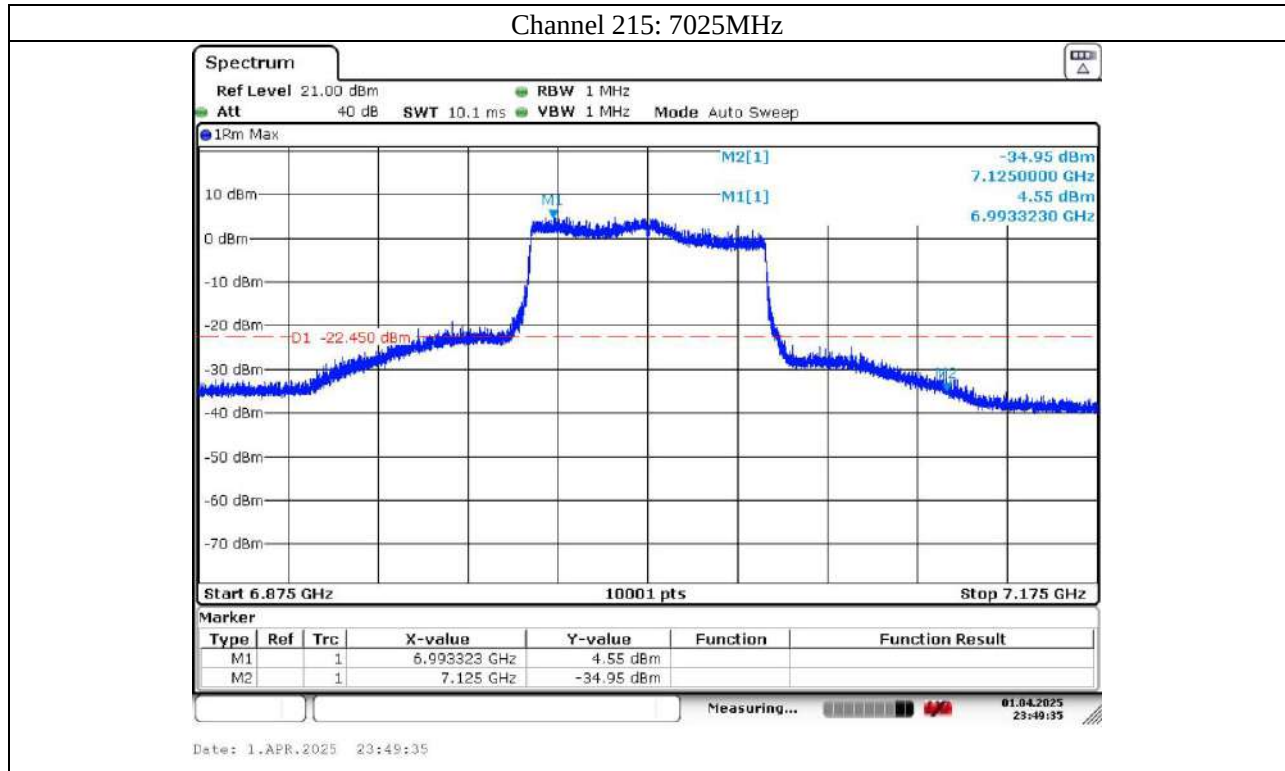


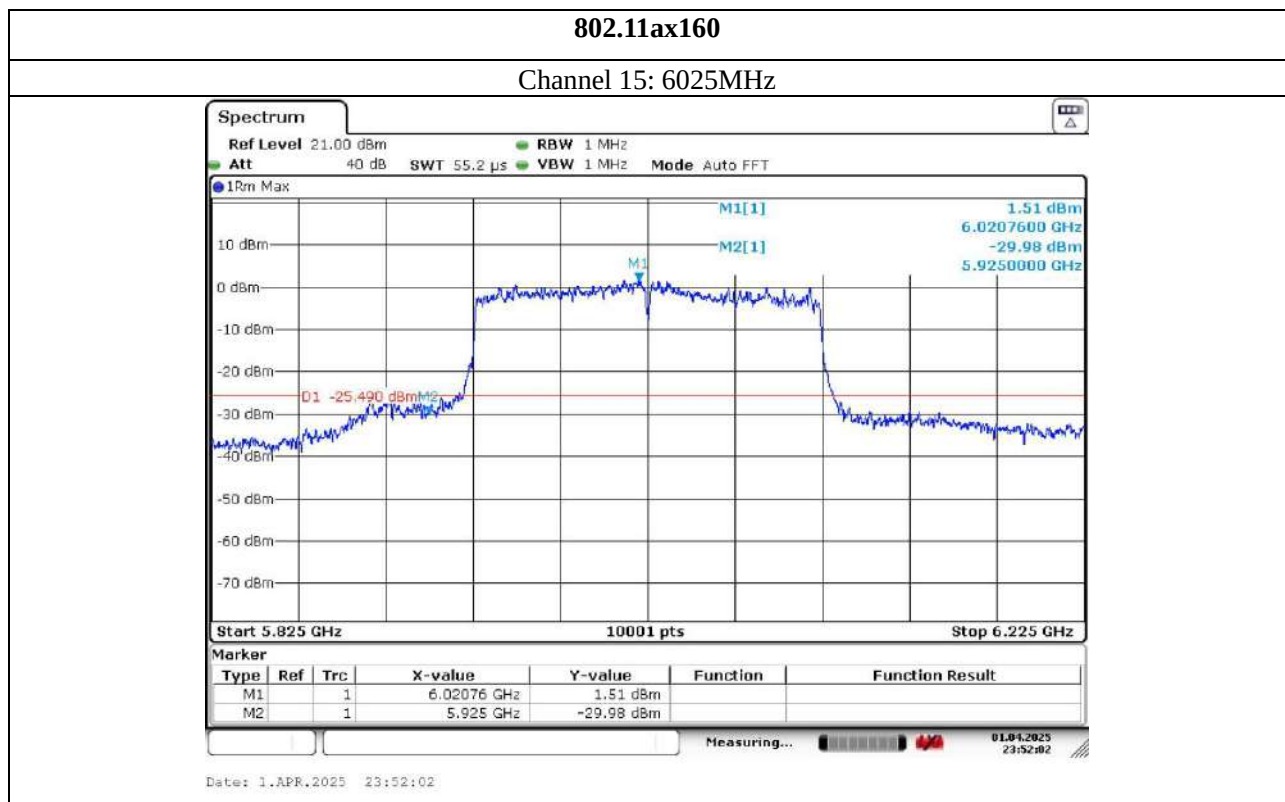
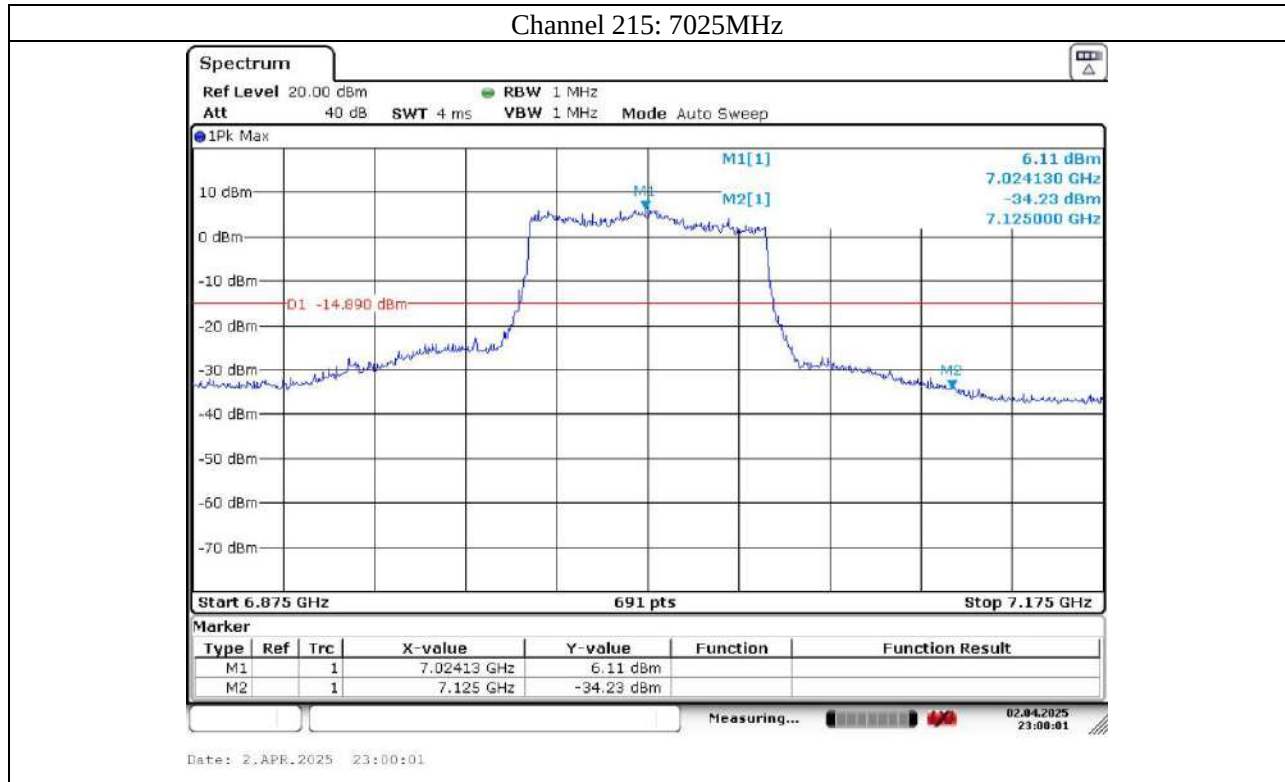


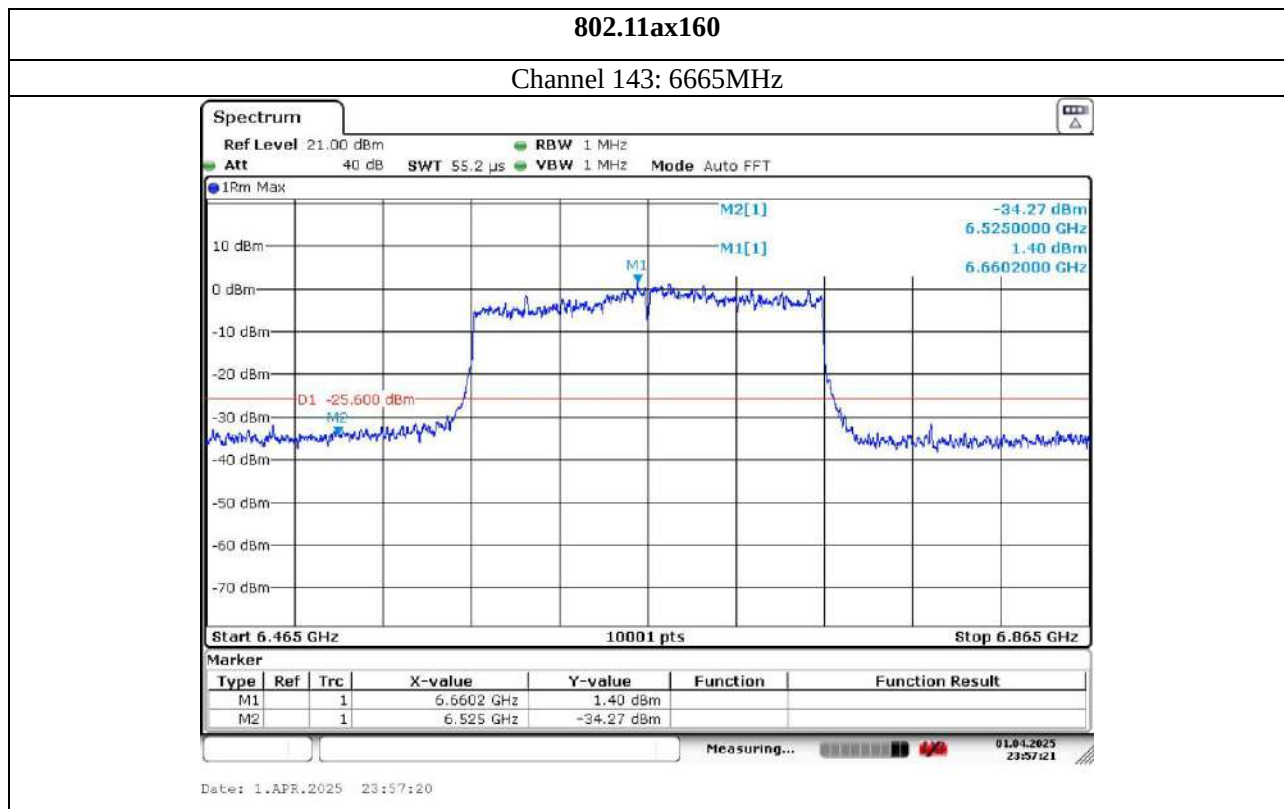
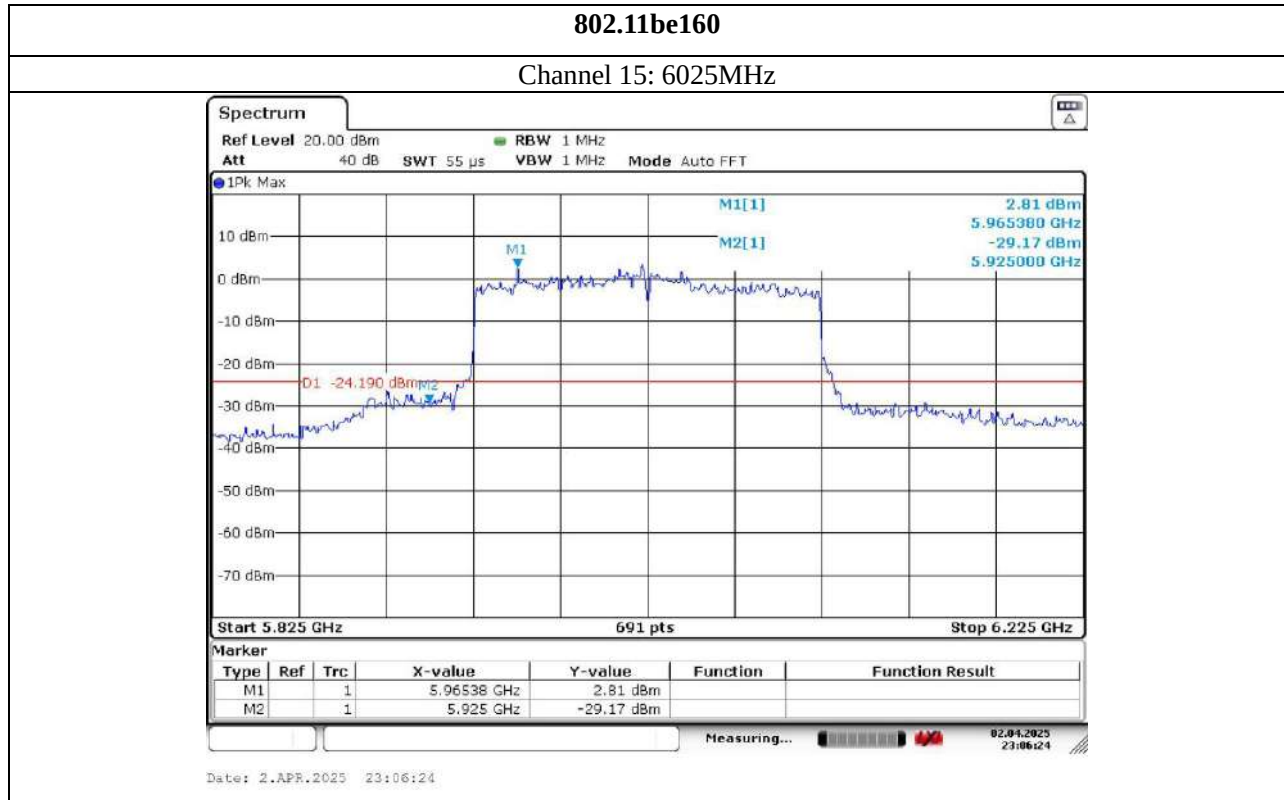


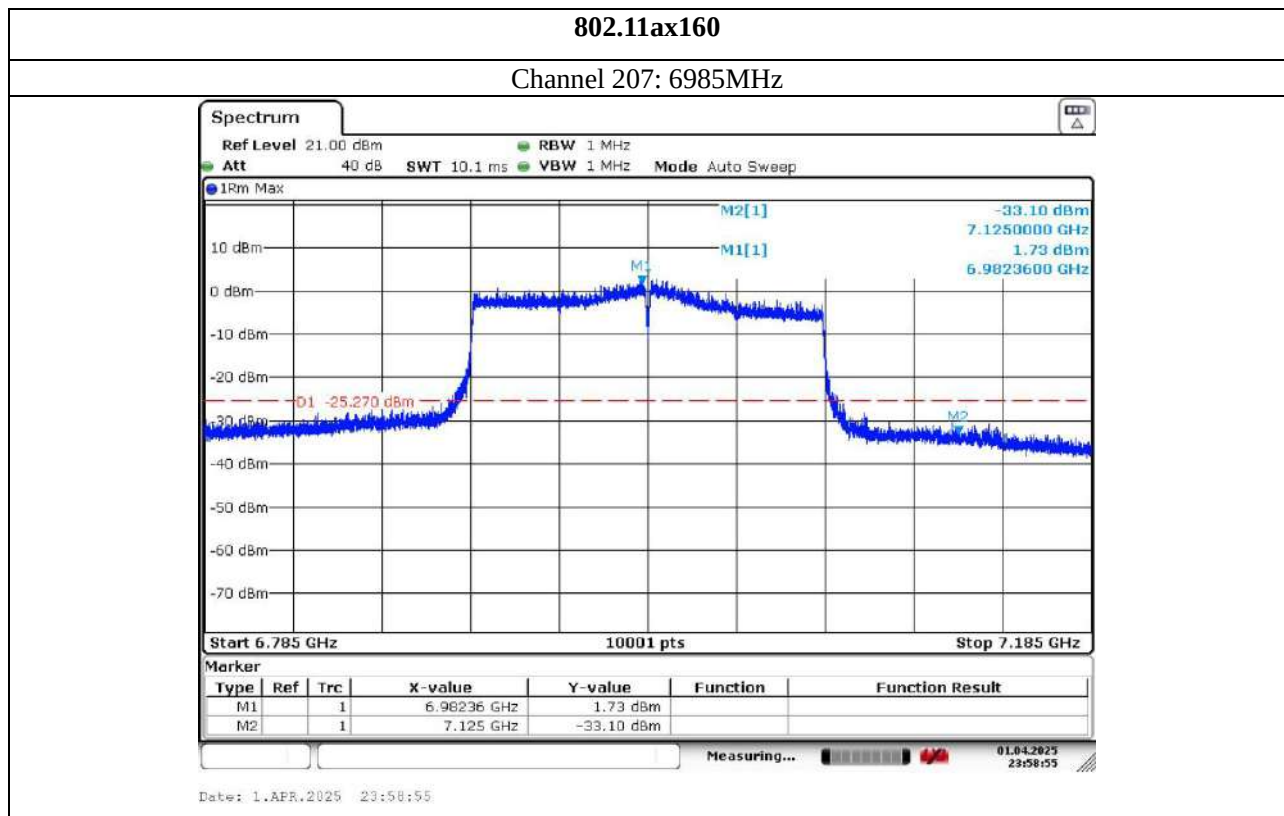
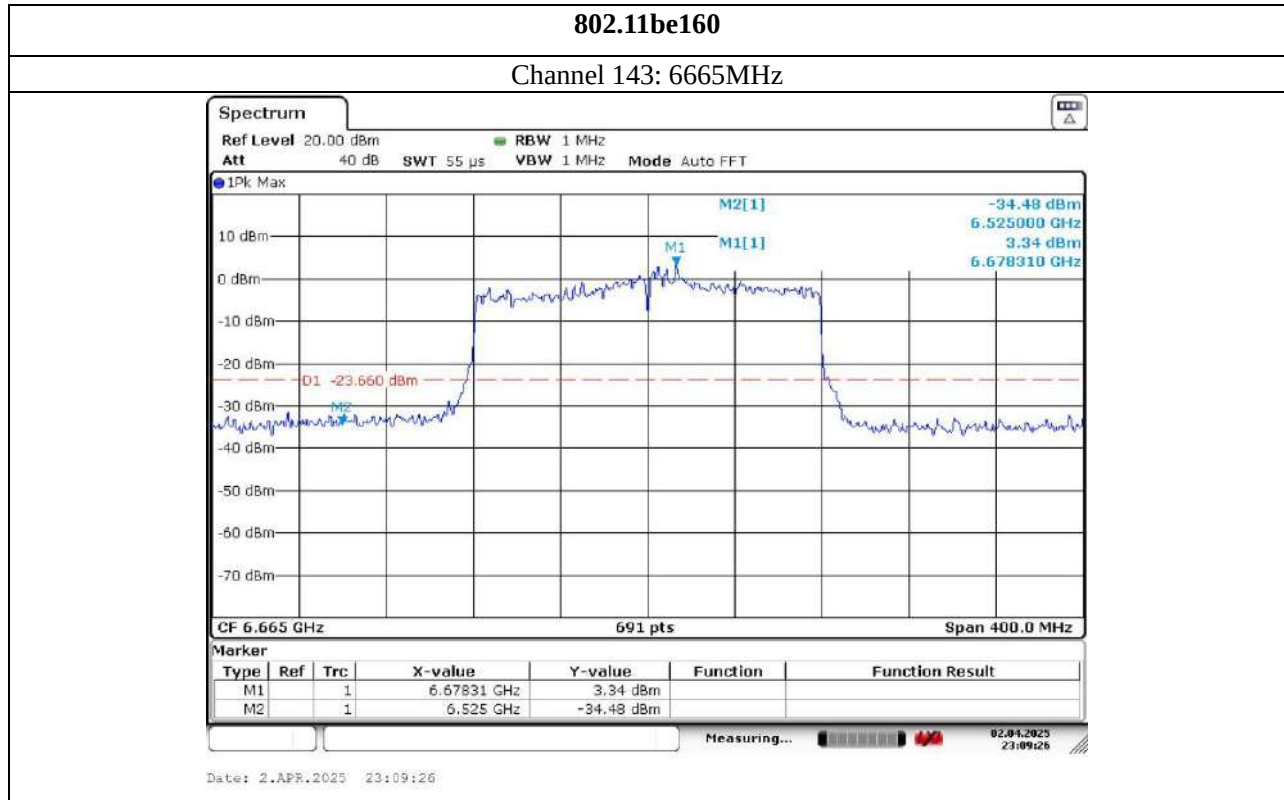


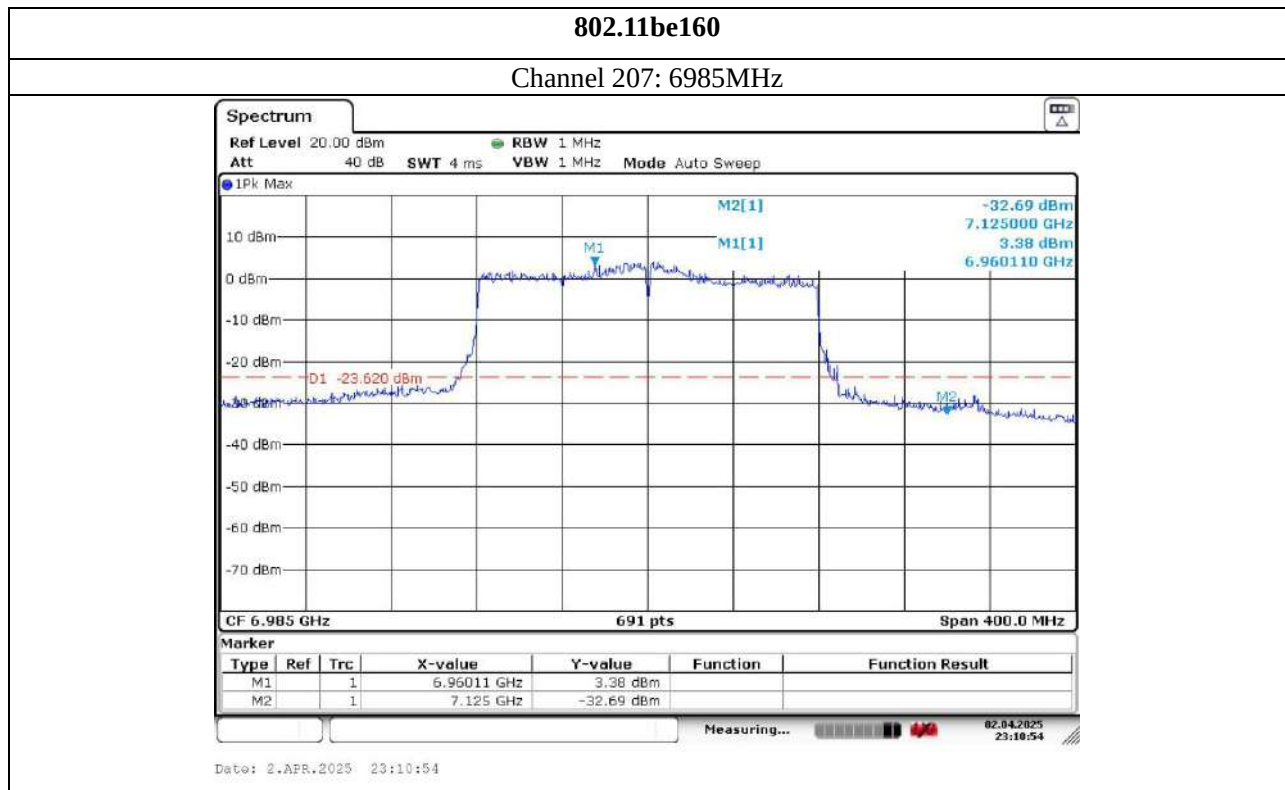




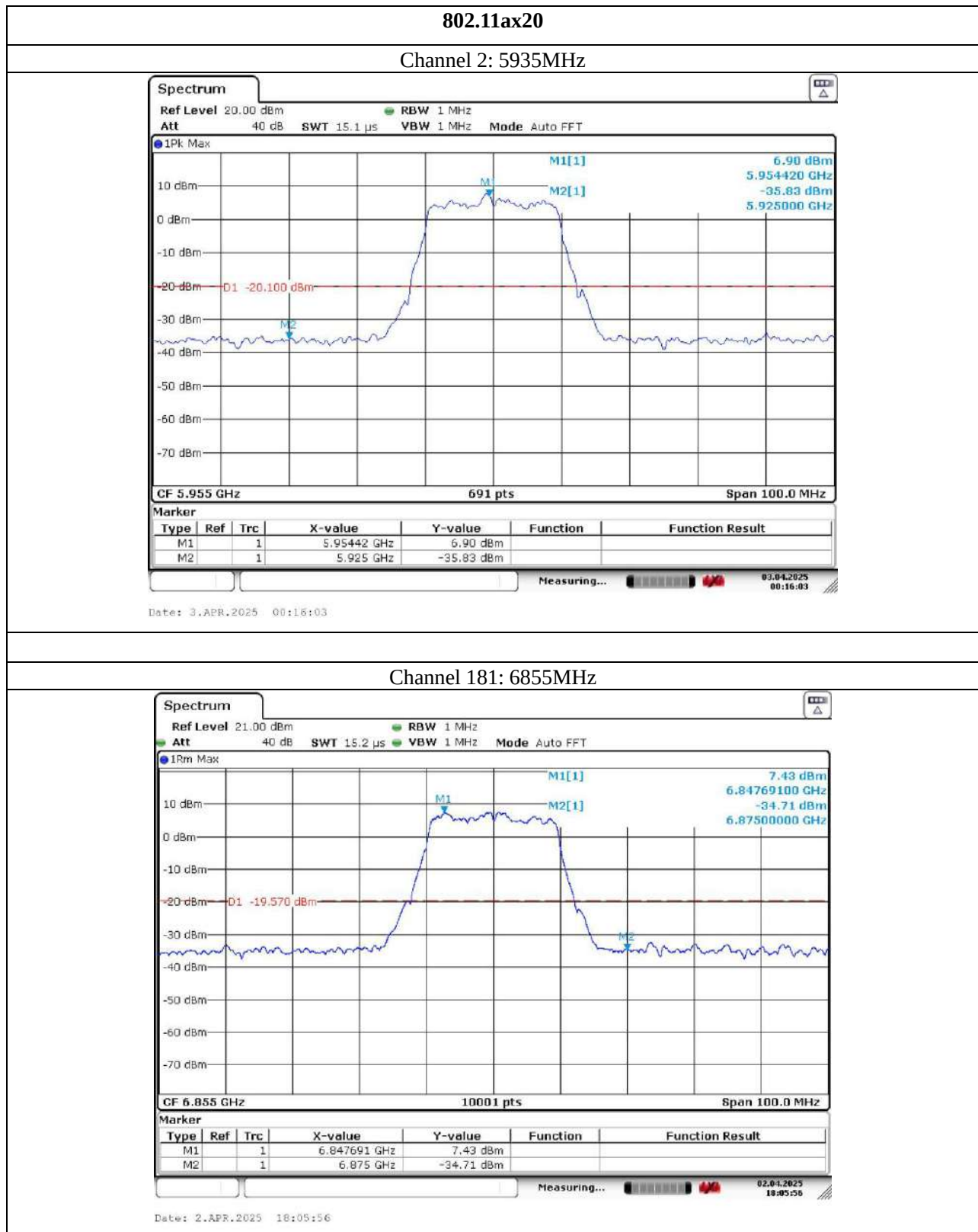


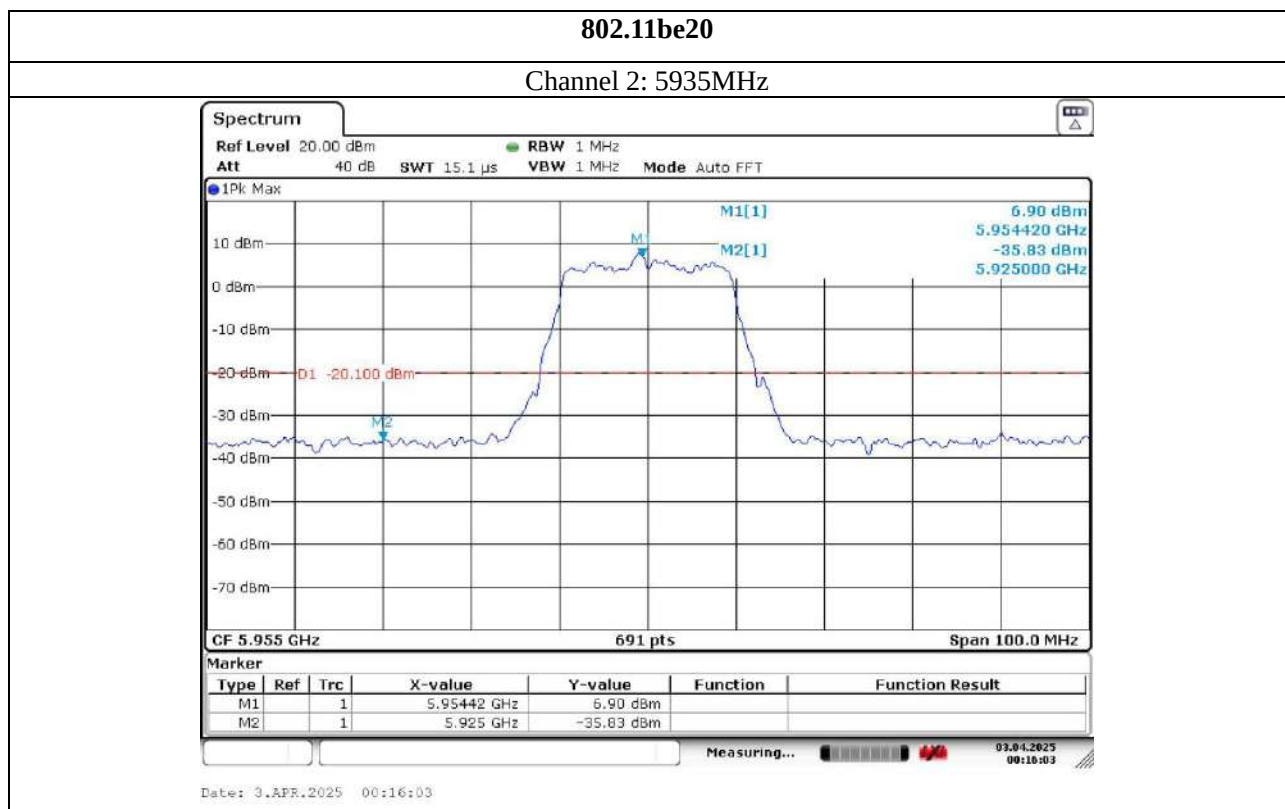
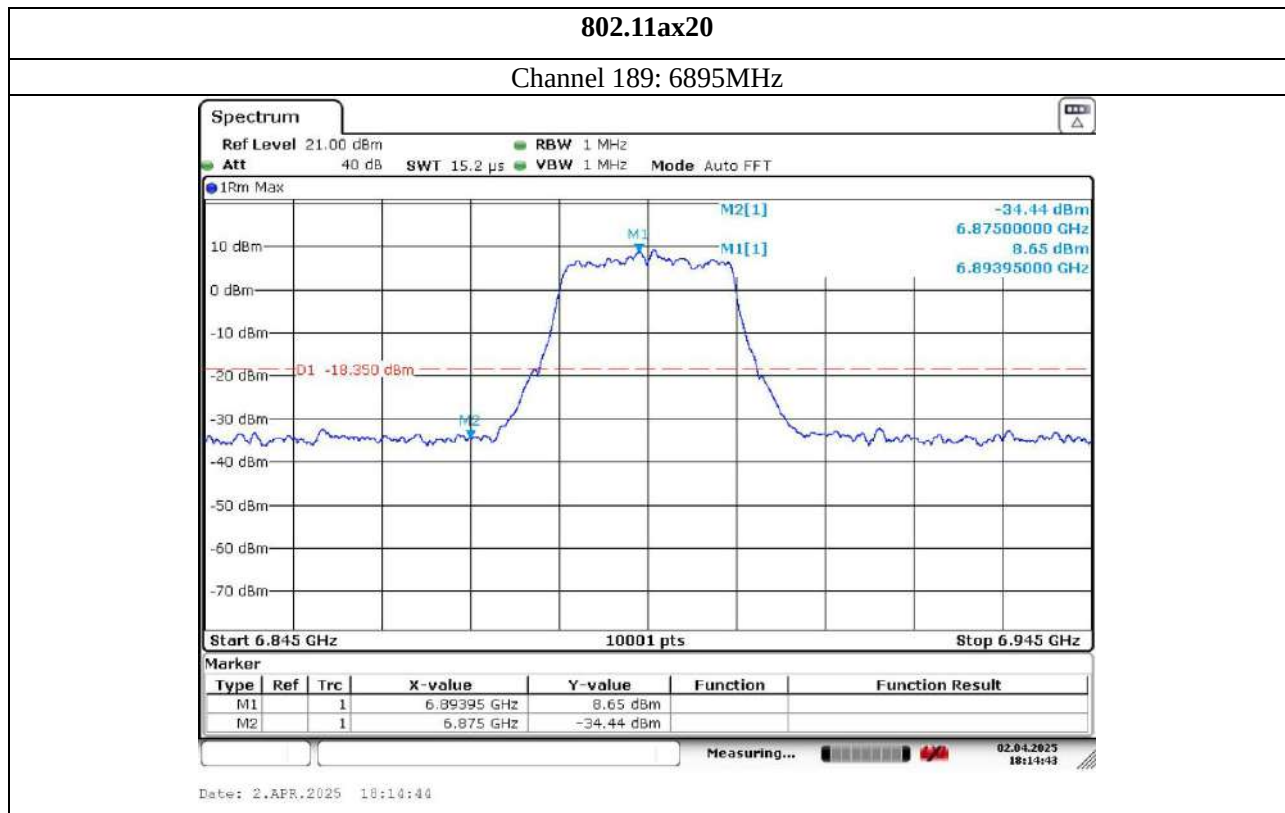


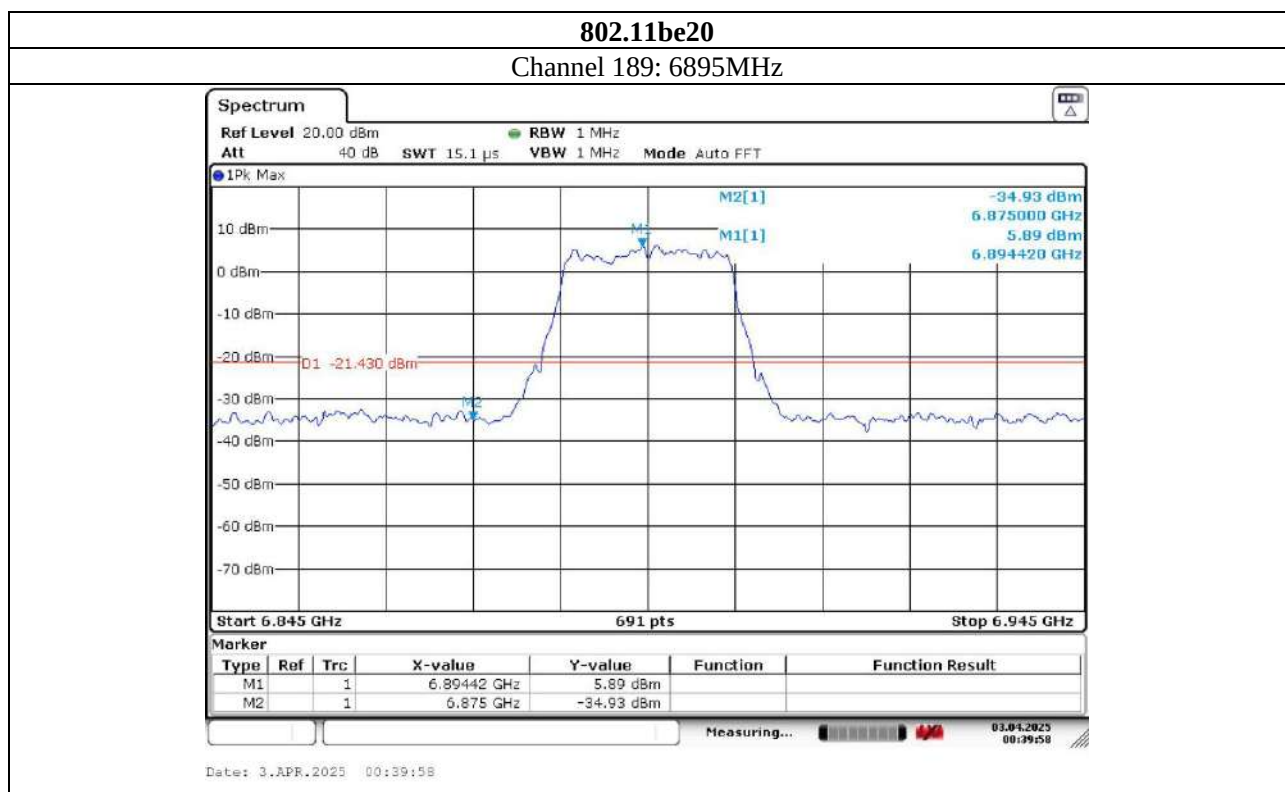
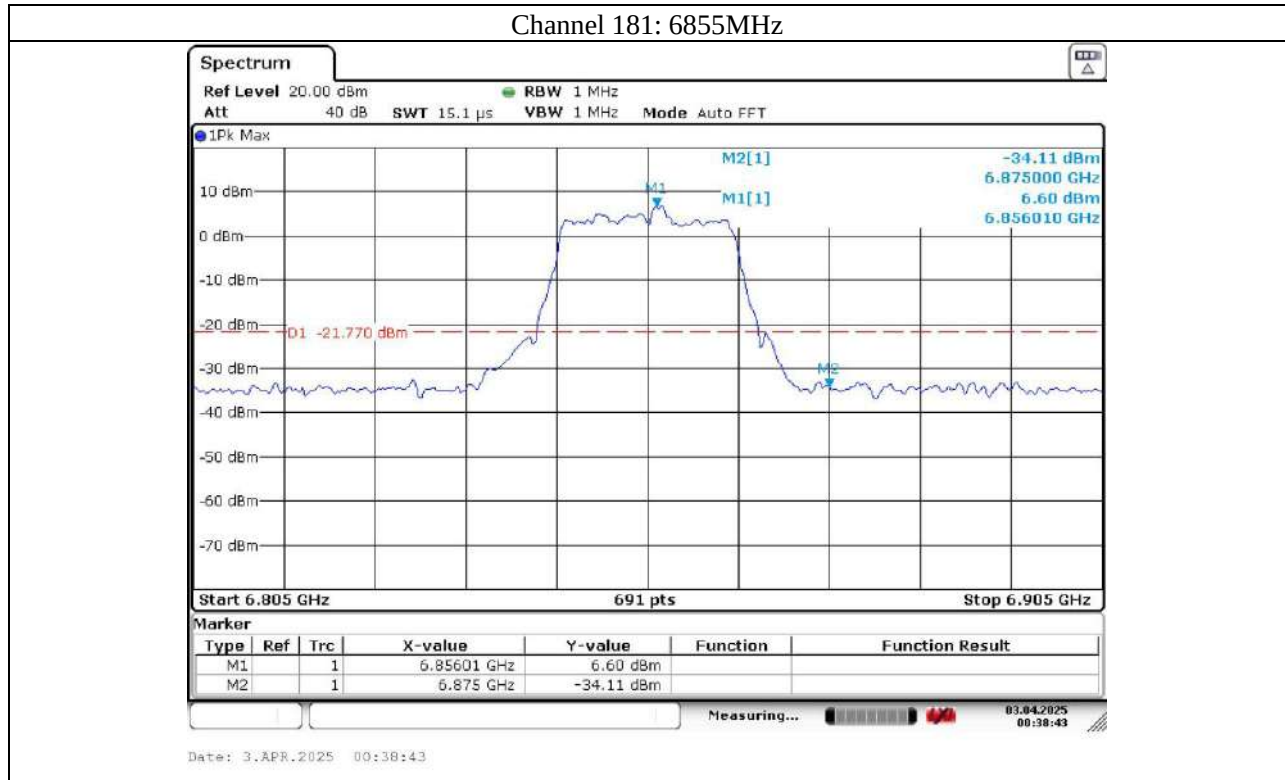


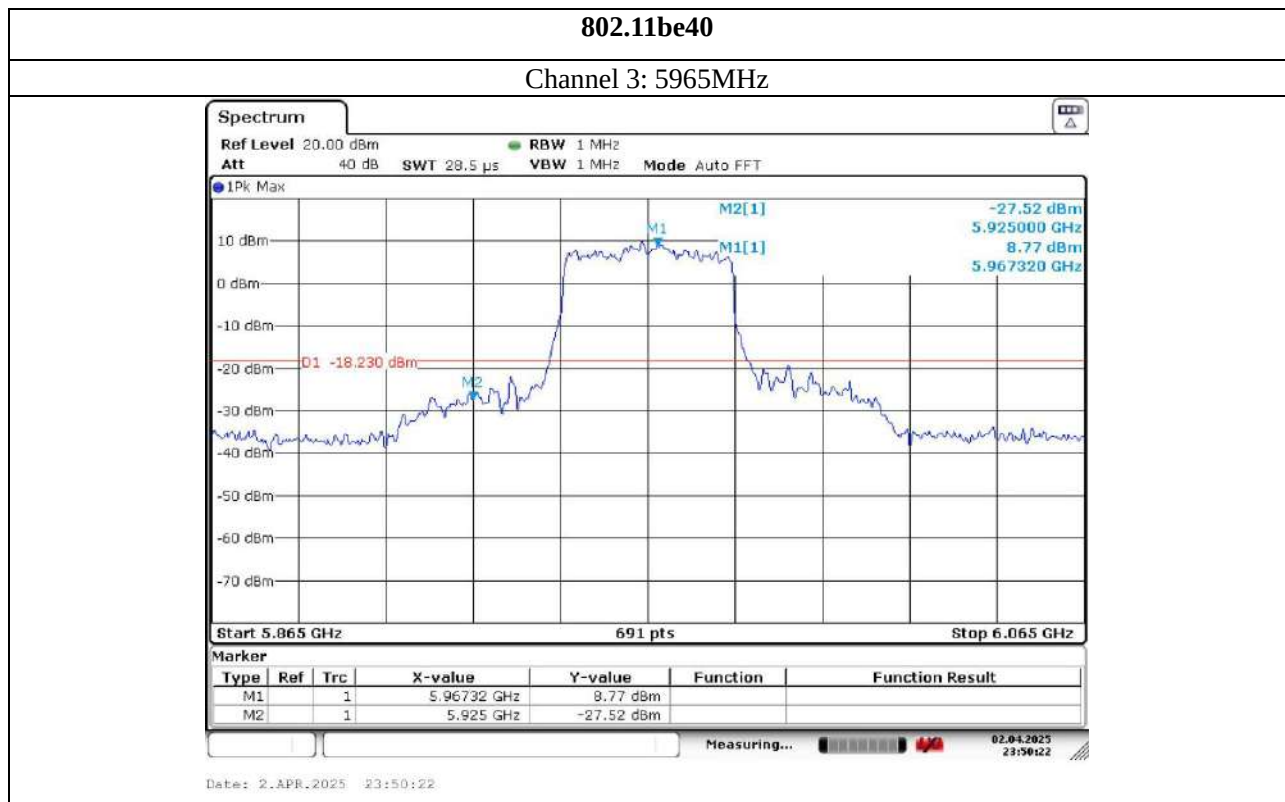
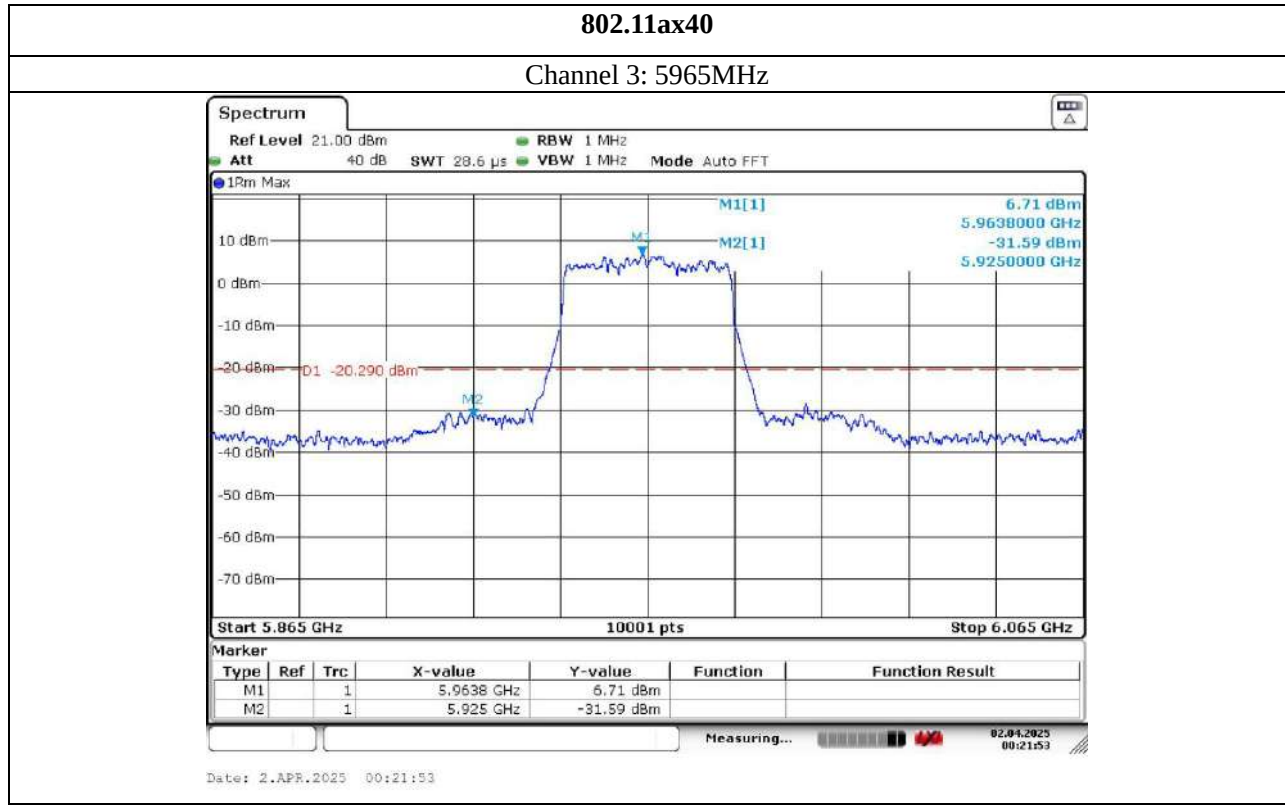


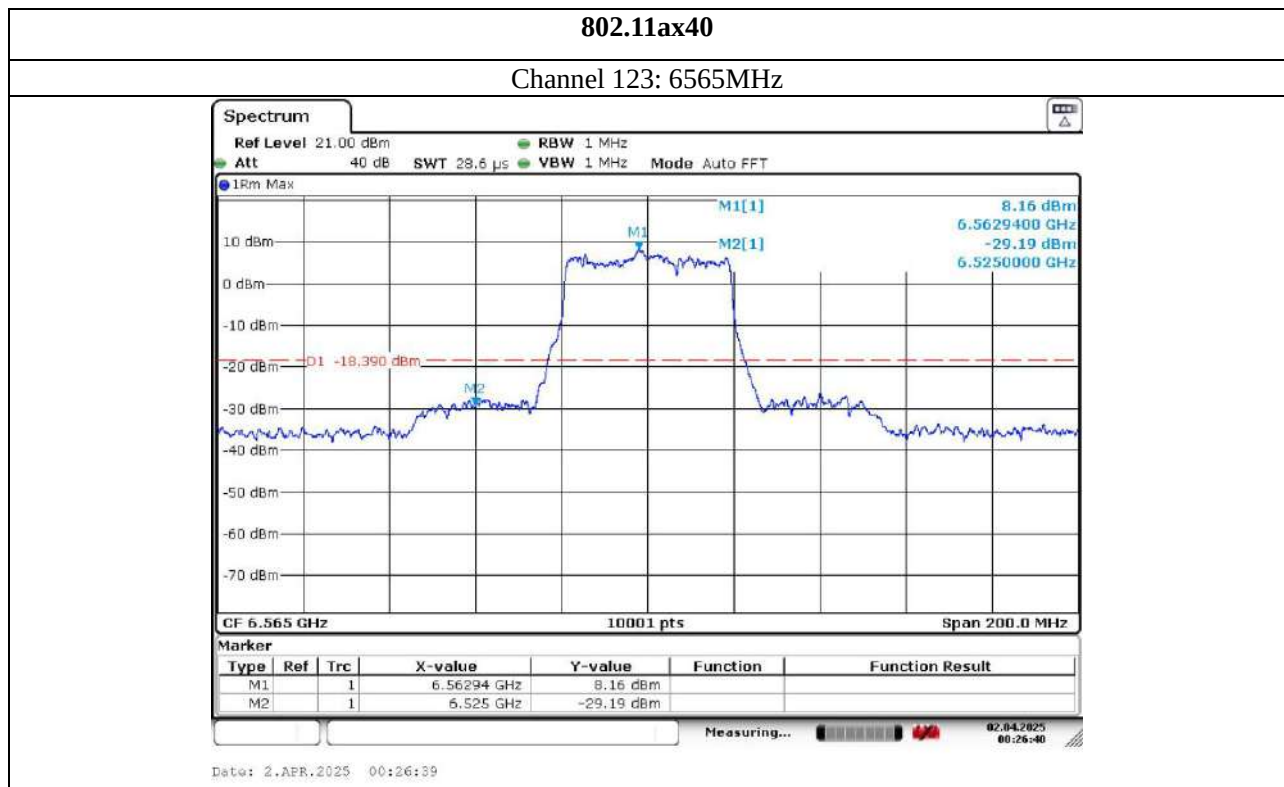
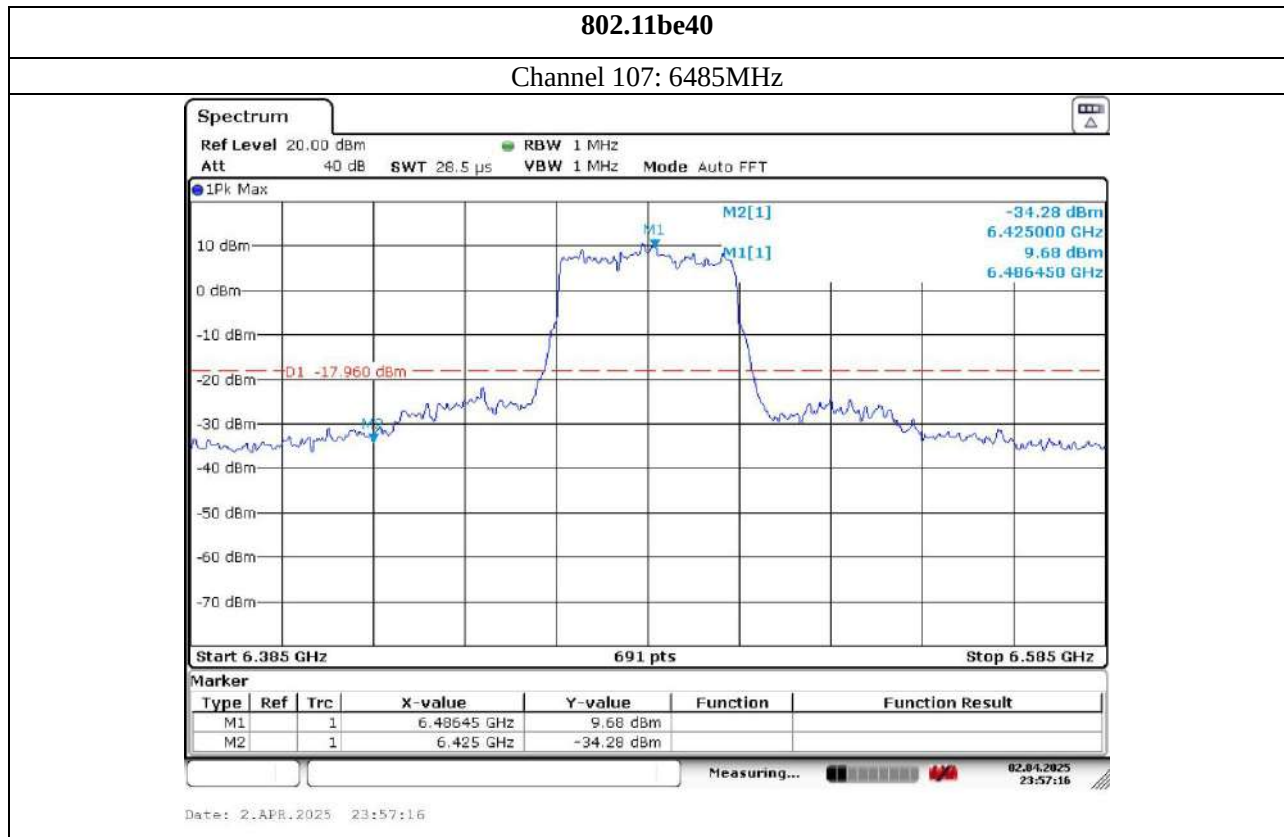
Antenna 1:

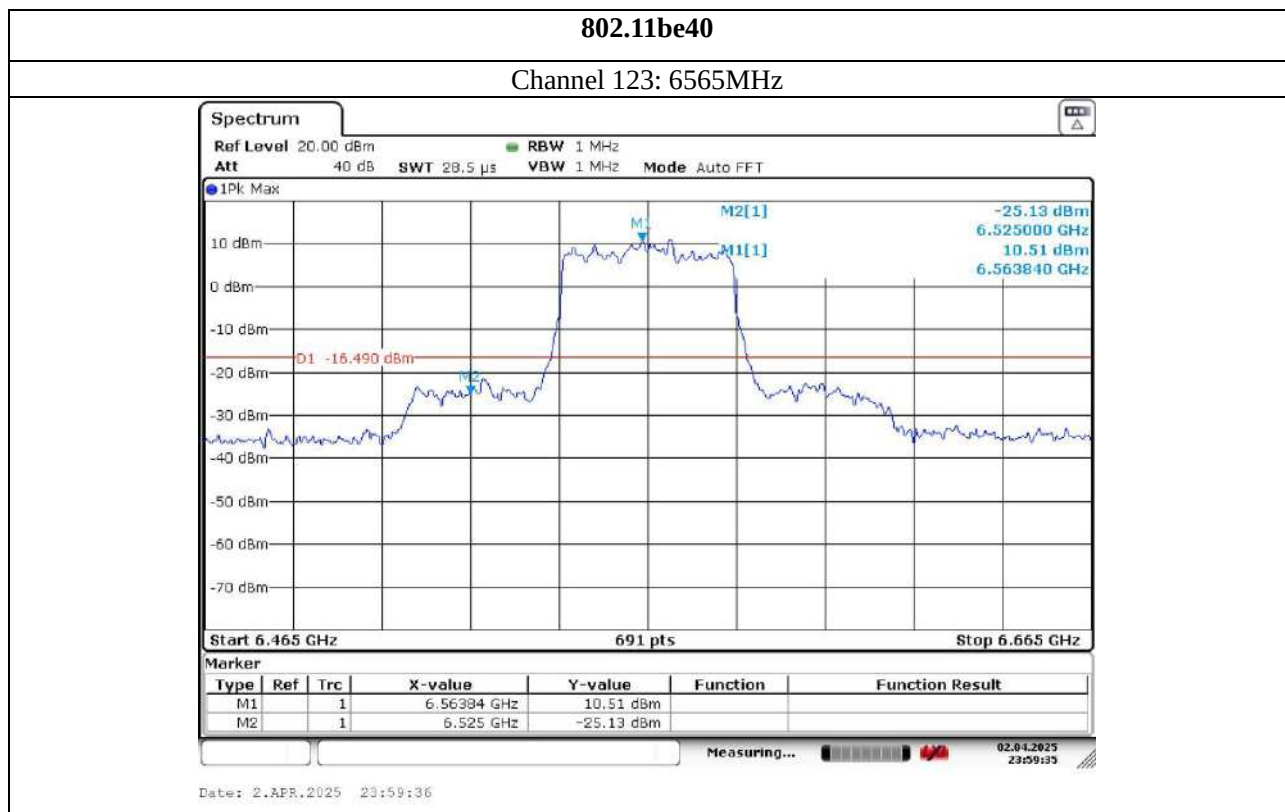
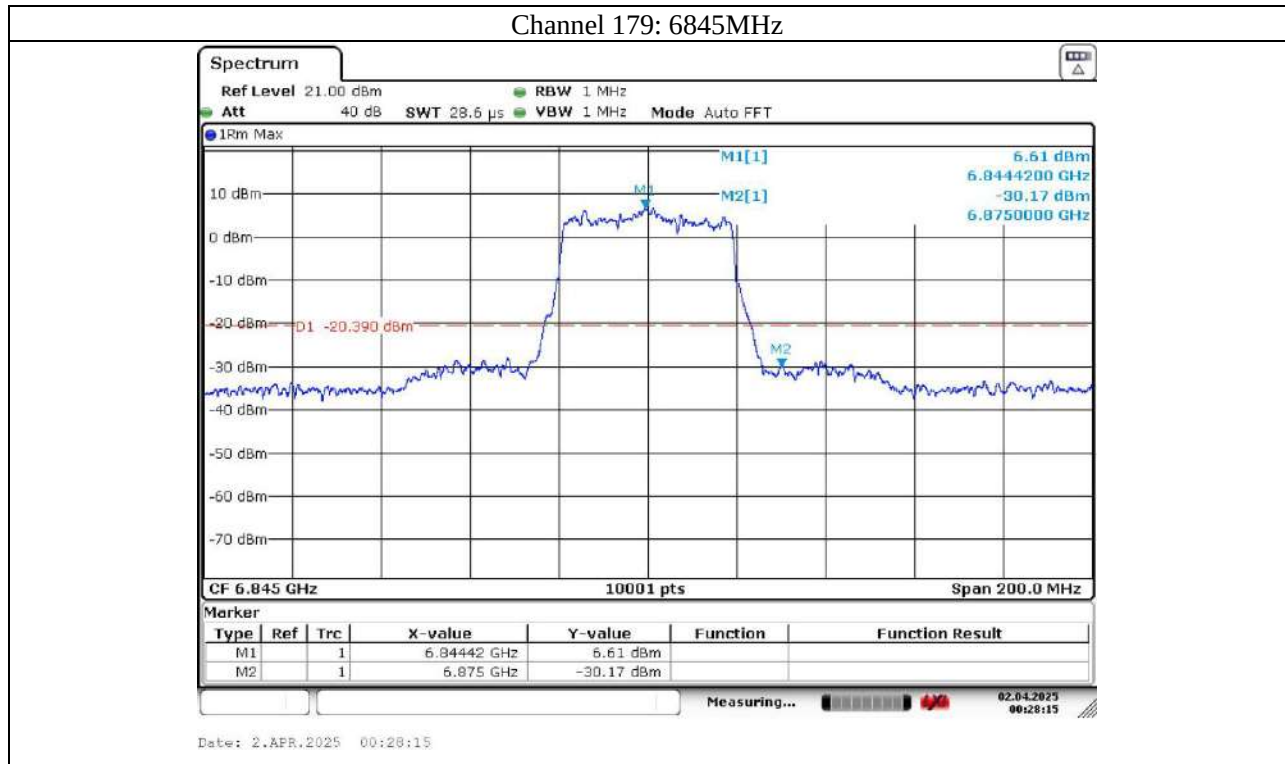


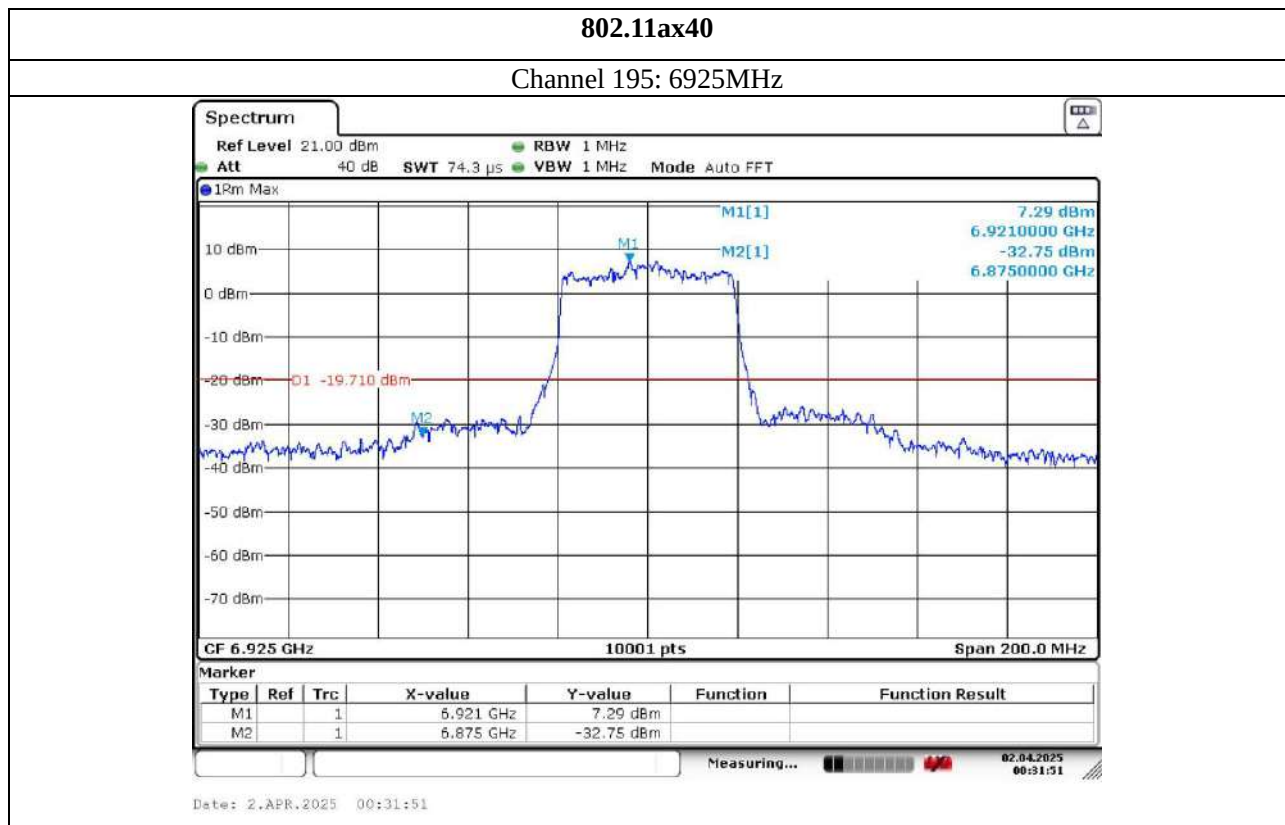
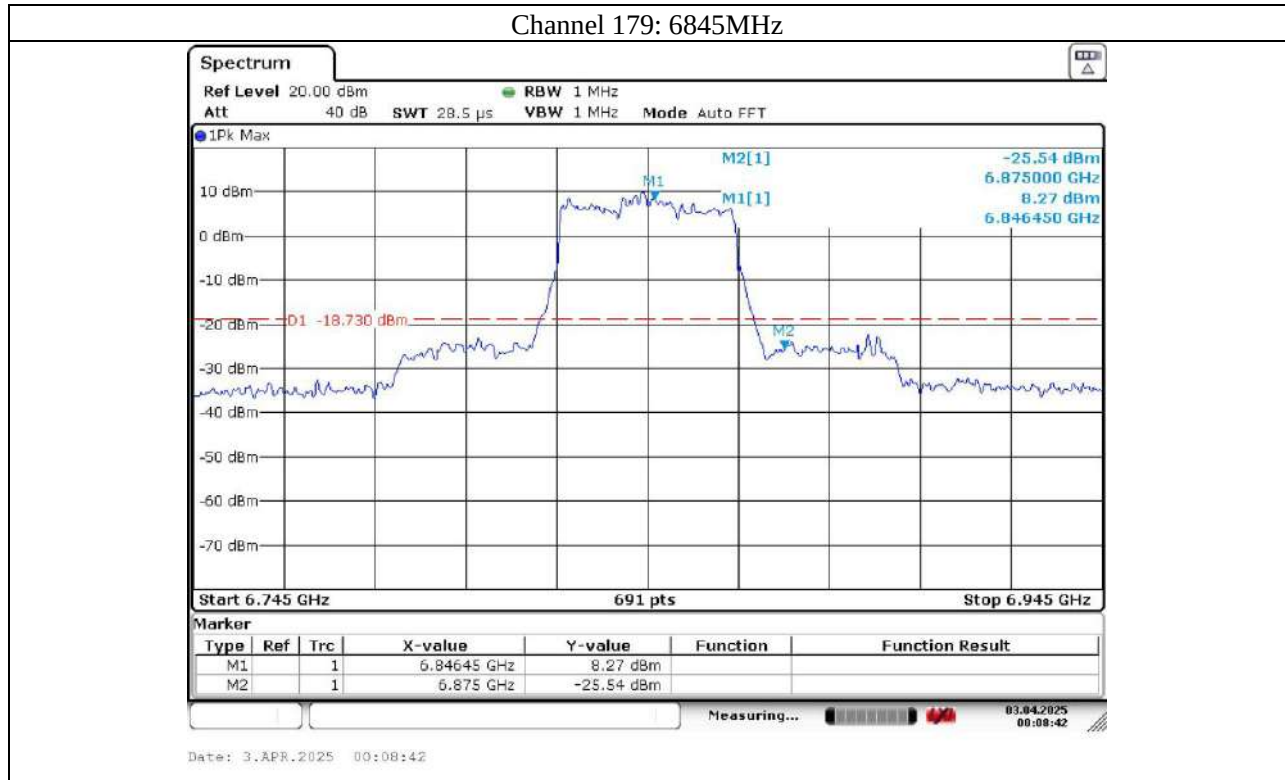


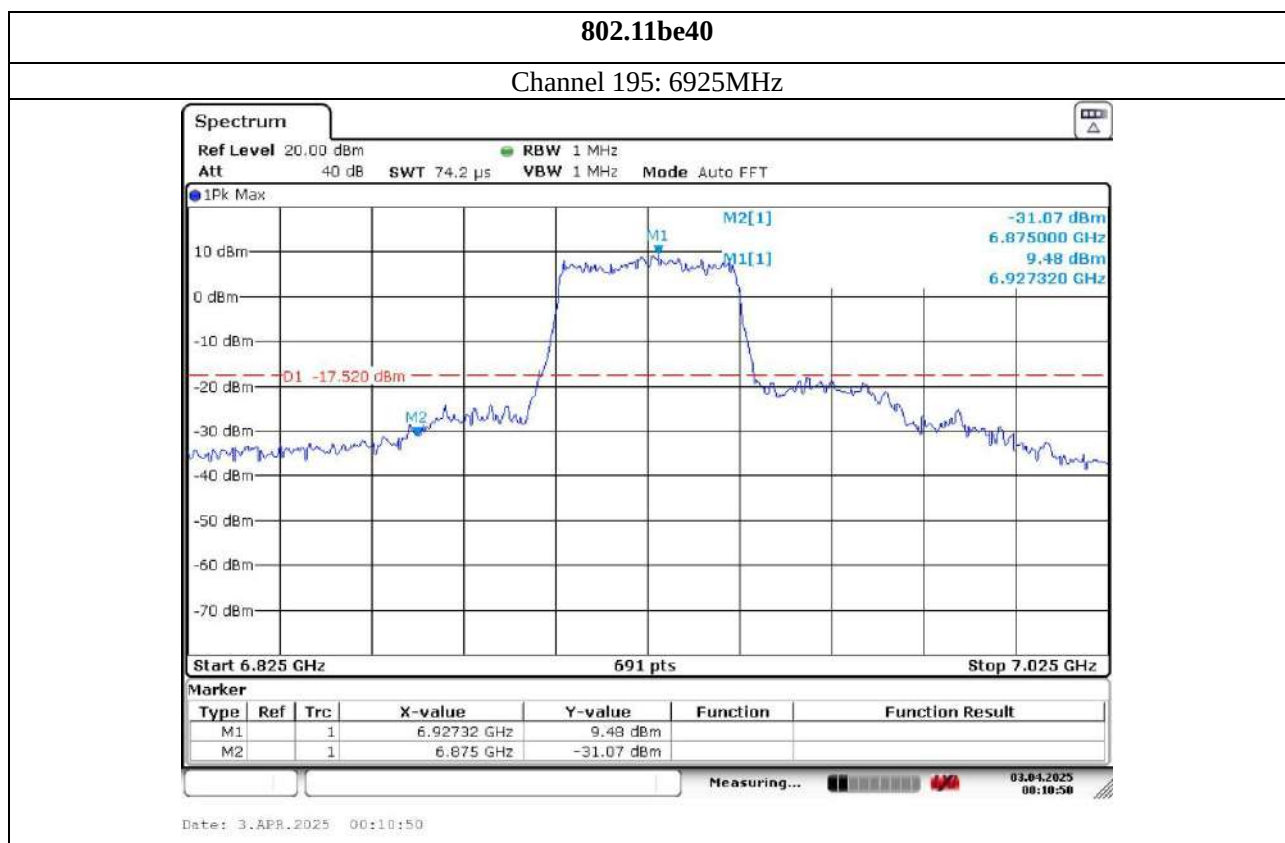
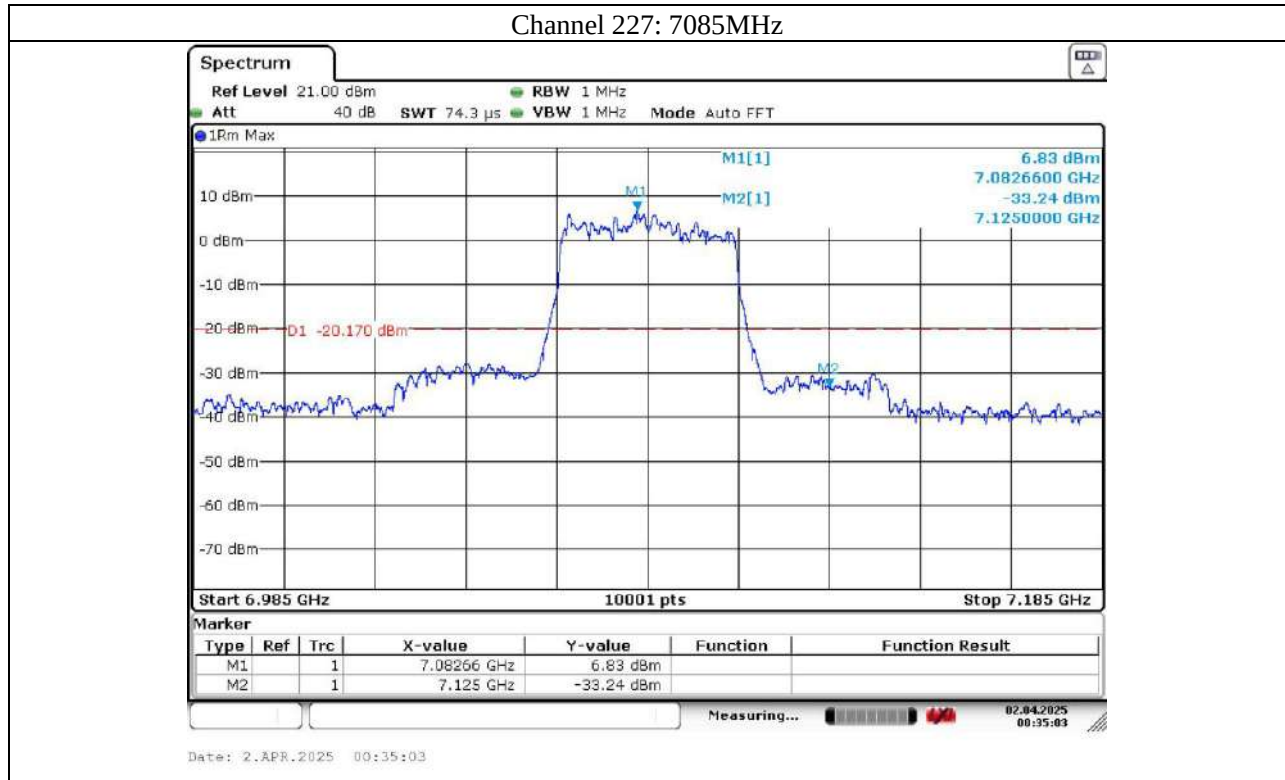


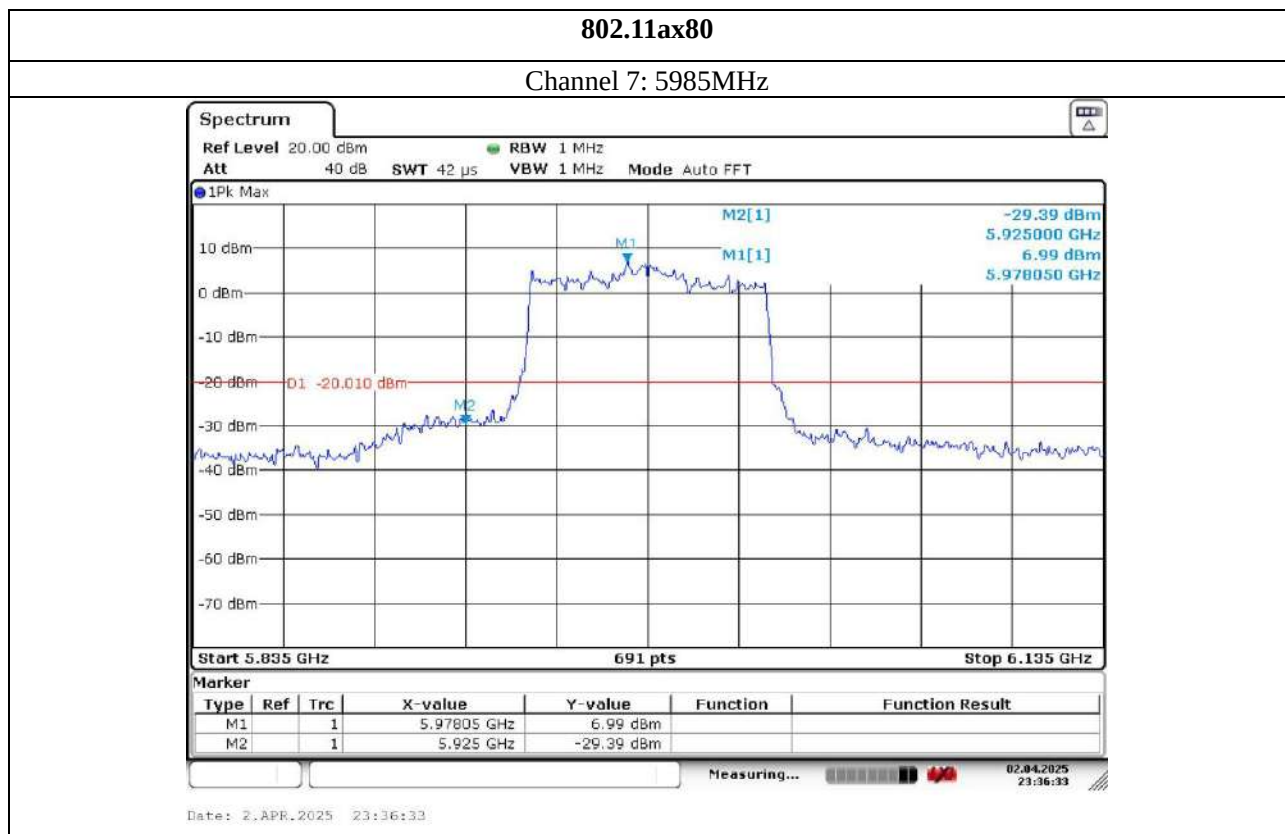
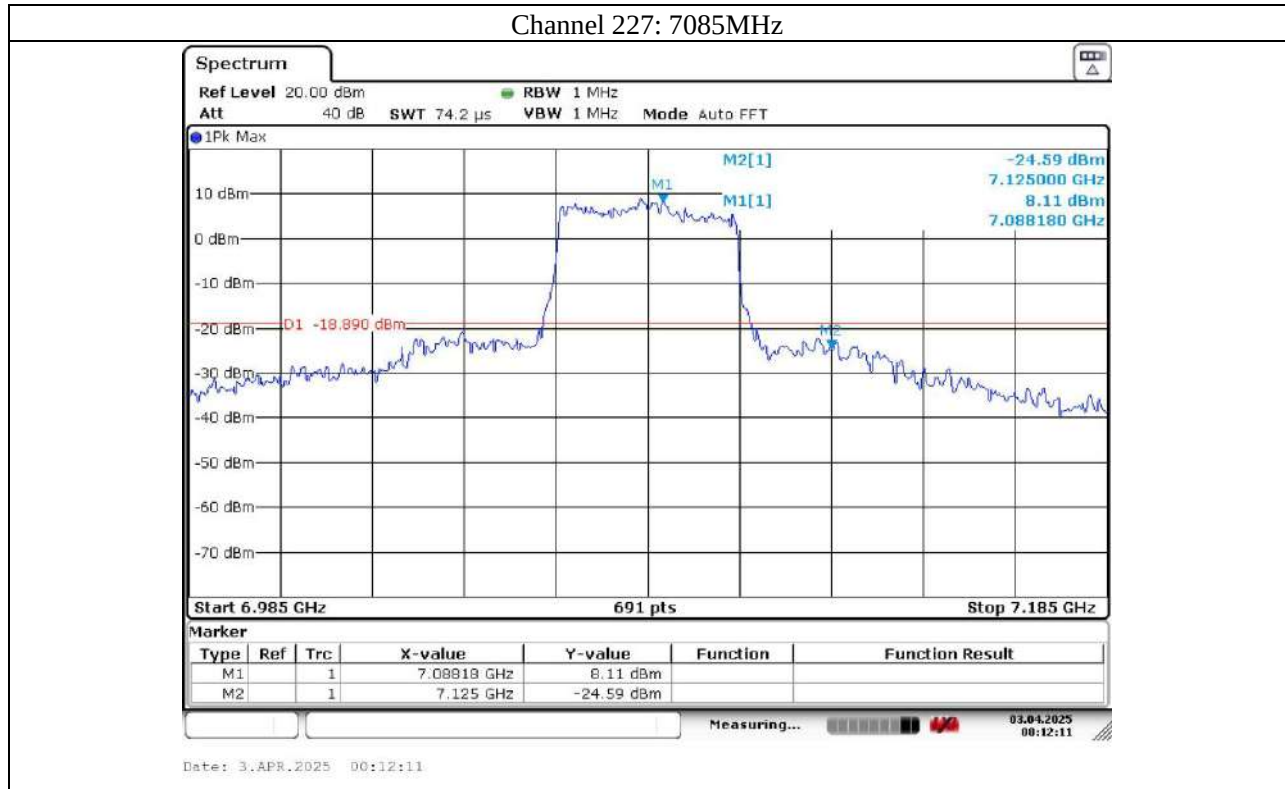


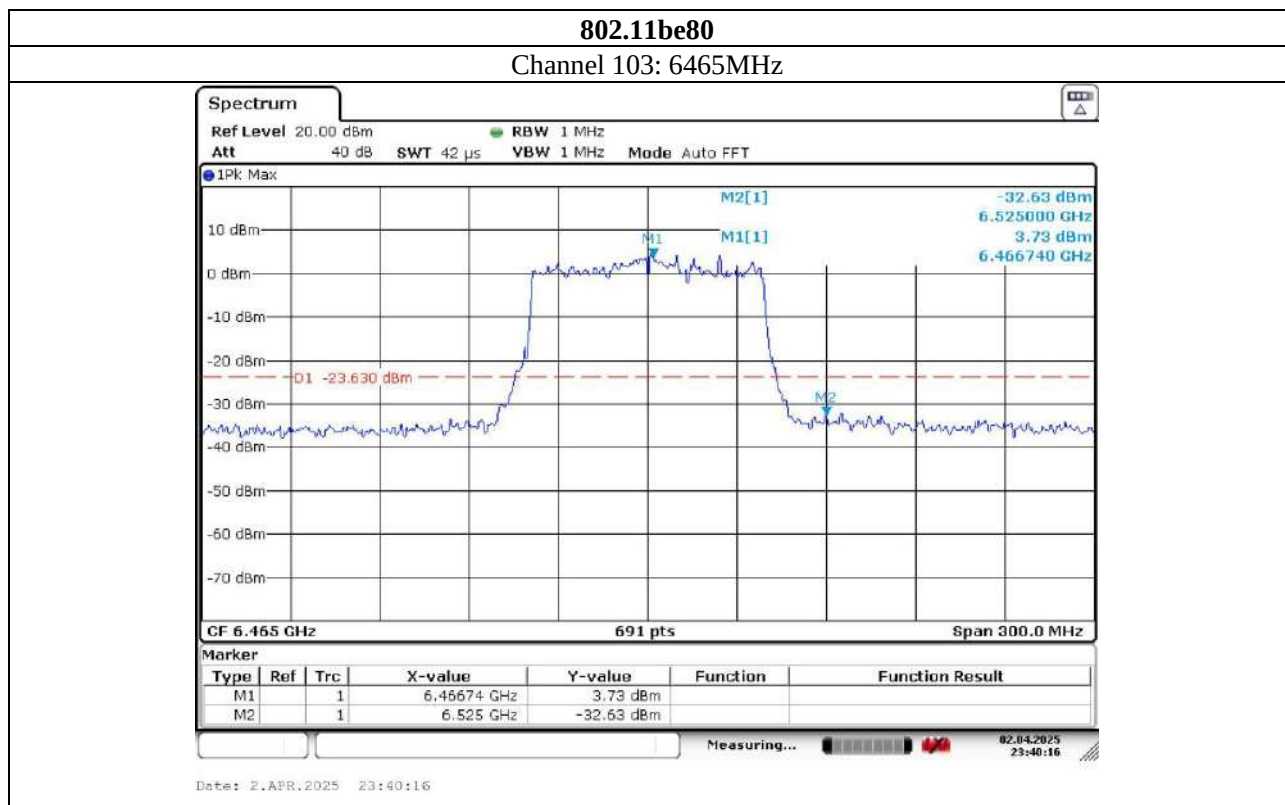
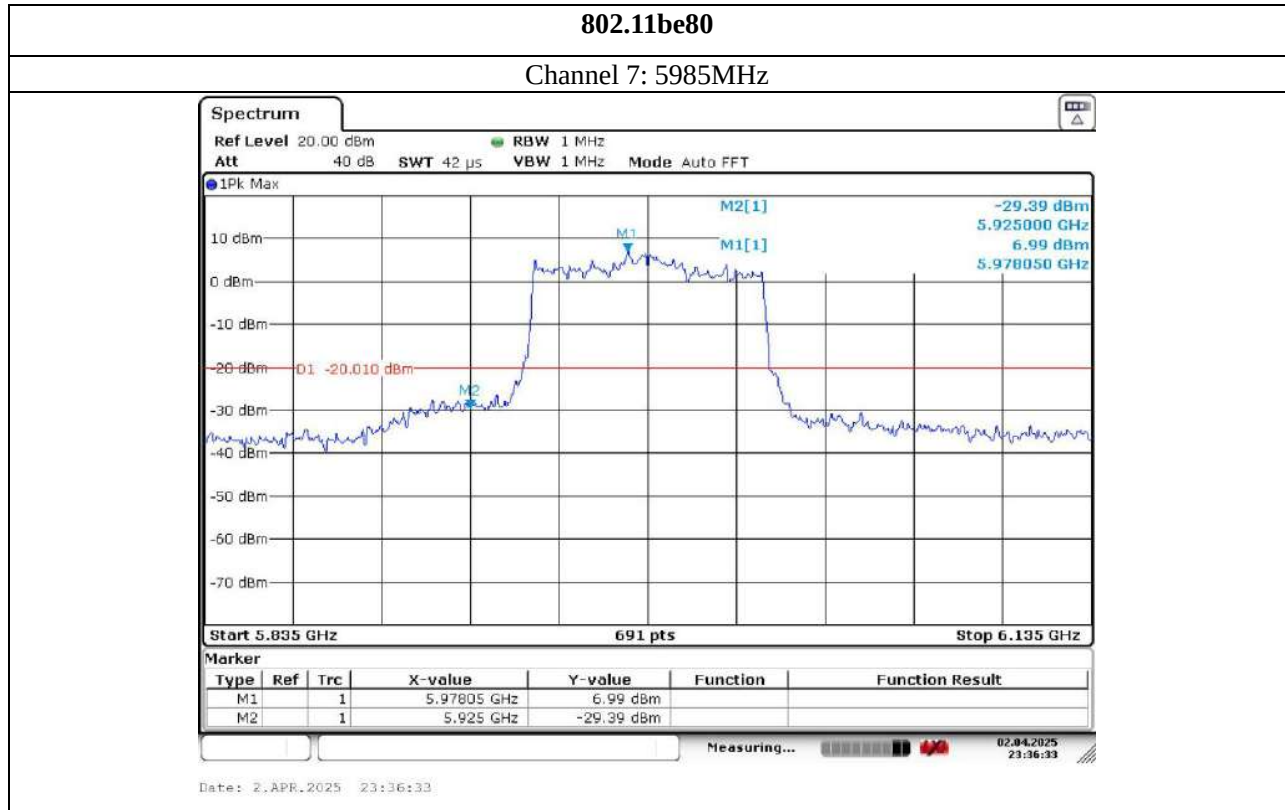


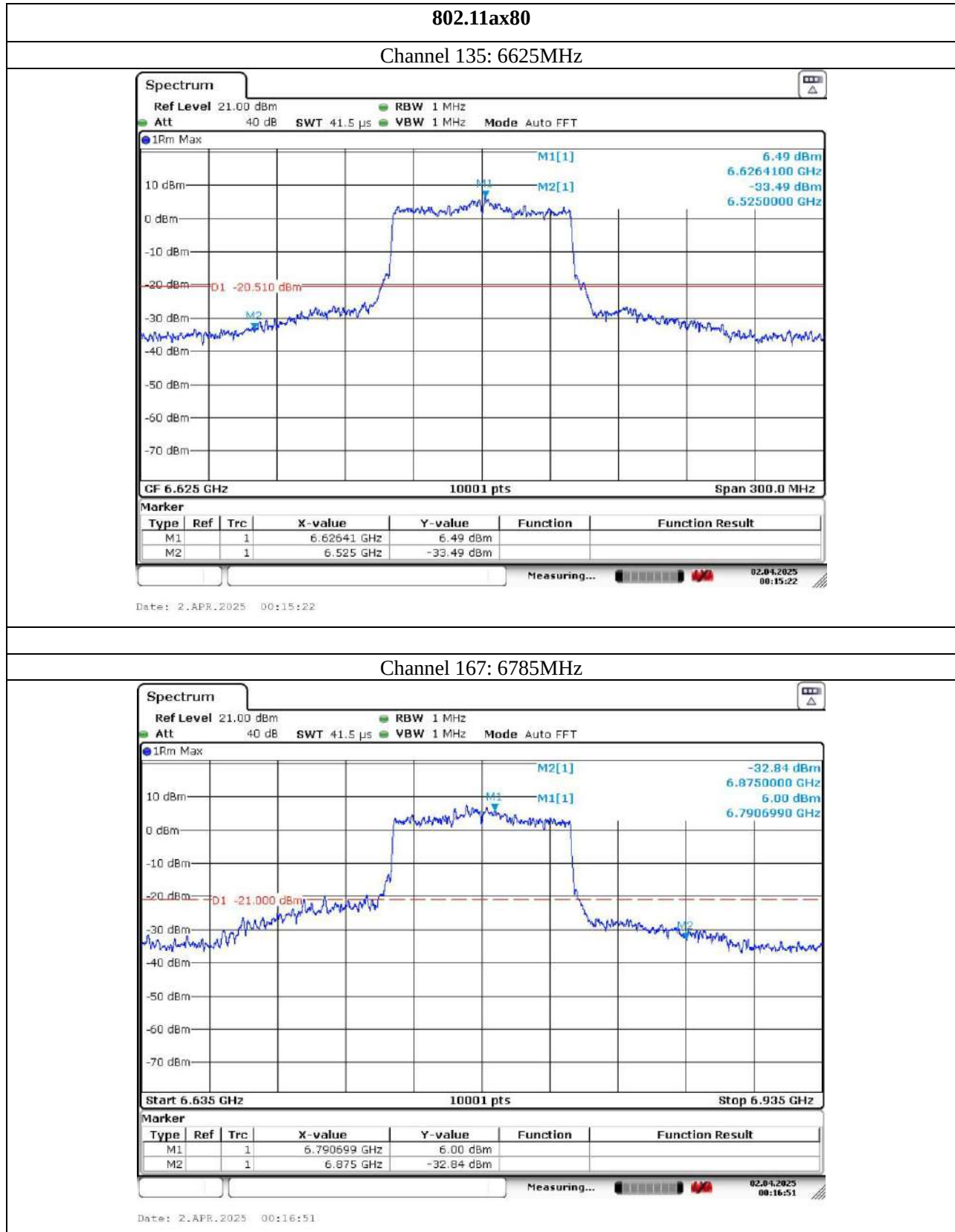






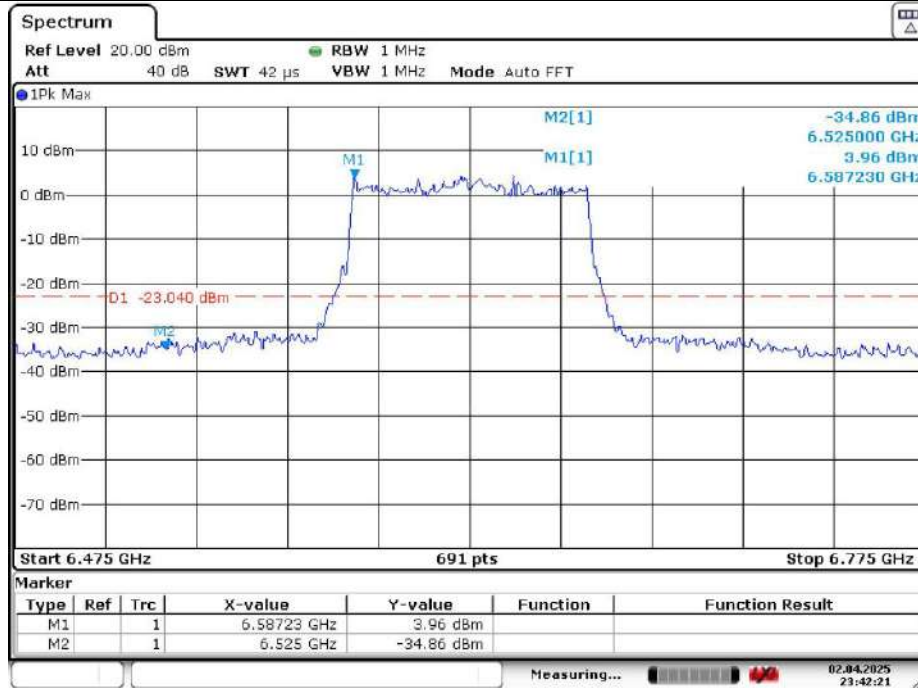






802.11be80

Channel 135: 6625MHz



Channel 167: 6785MHz

