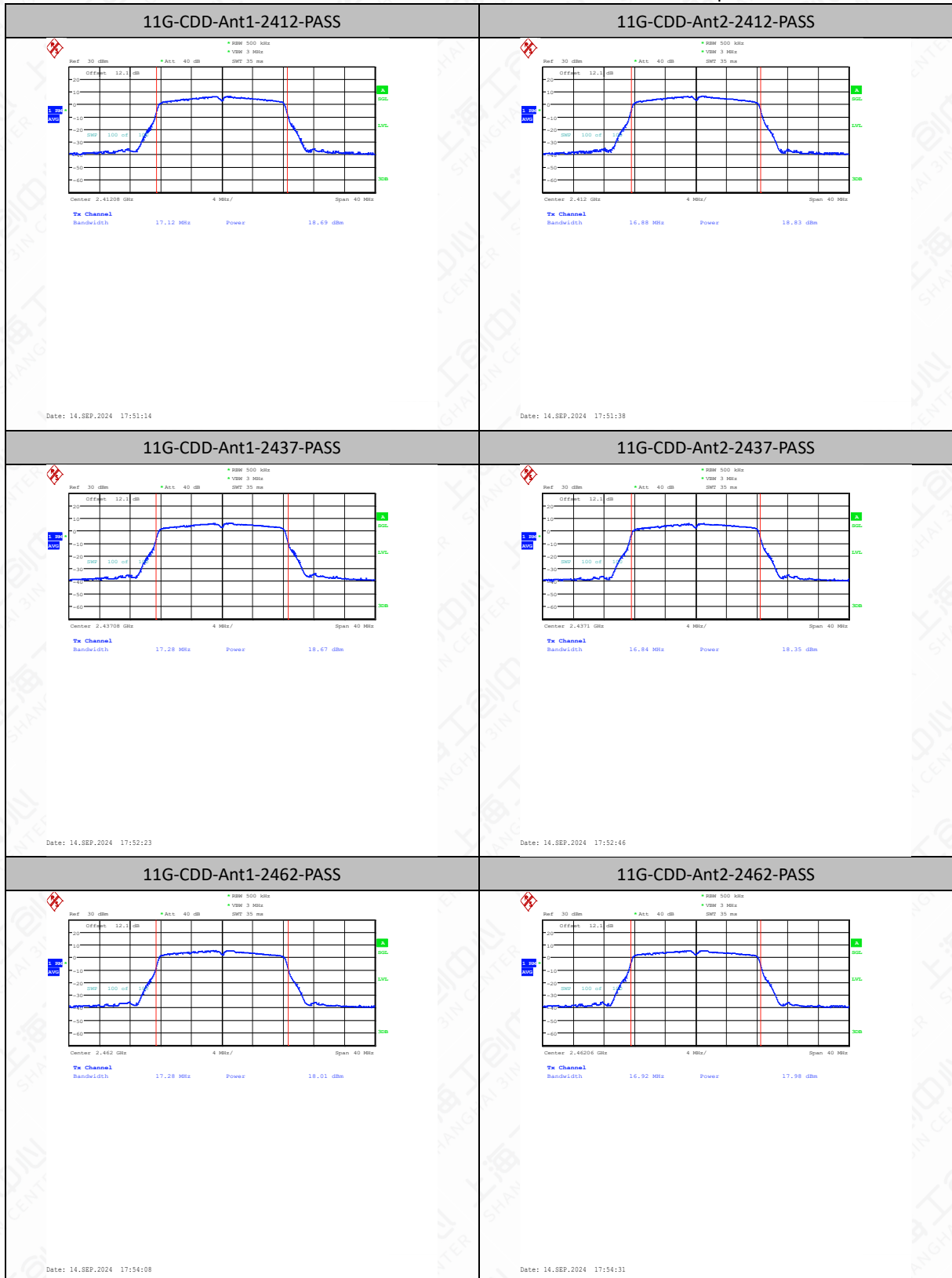
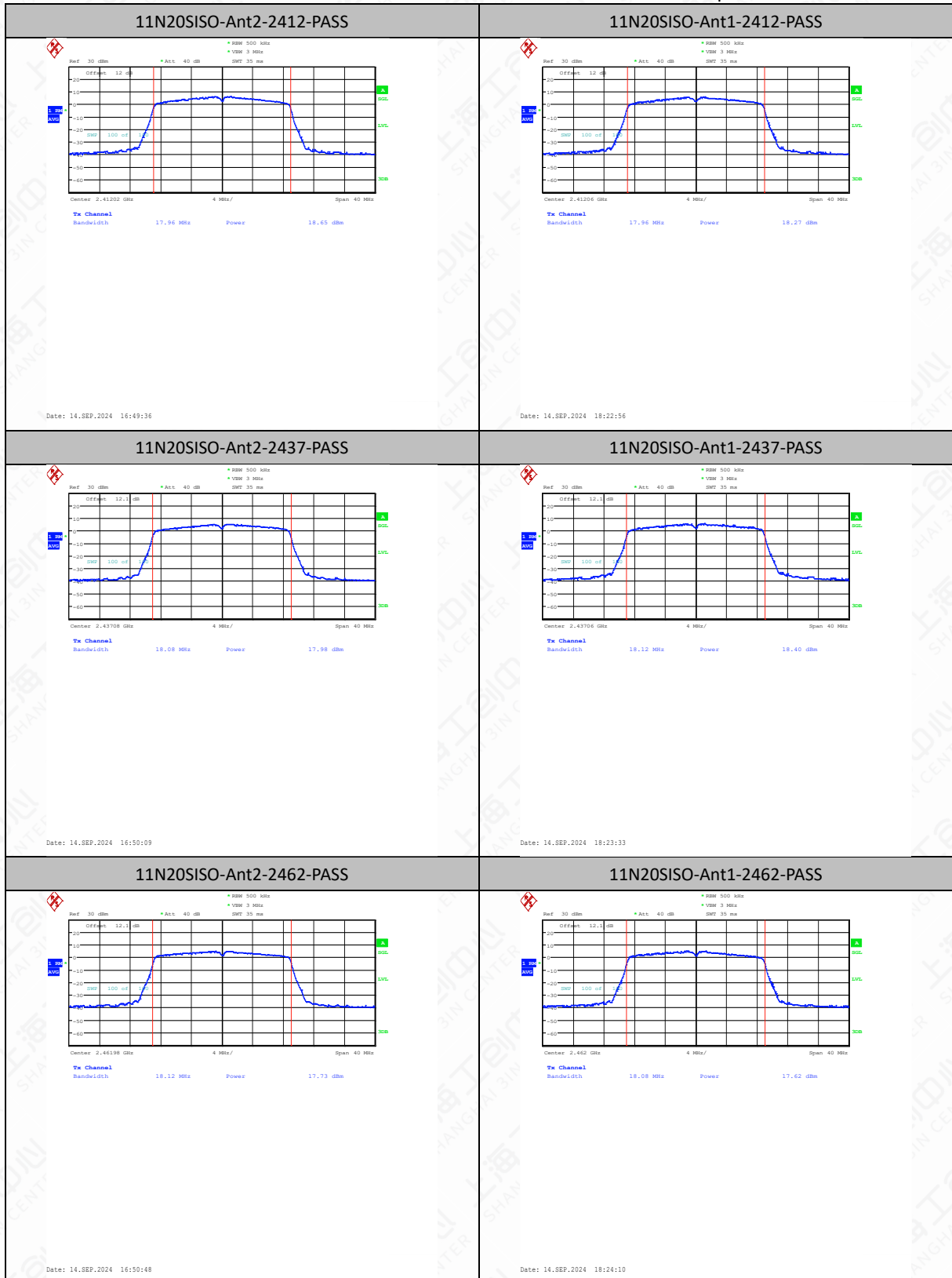
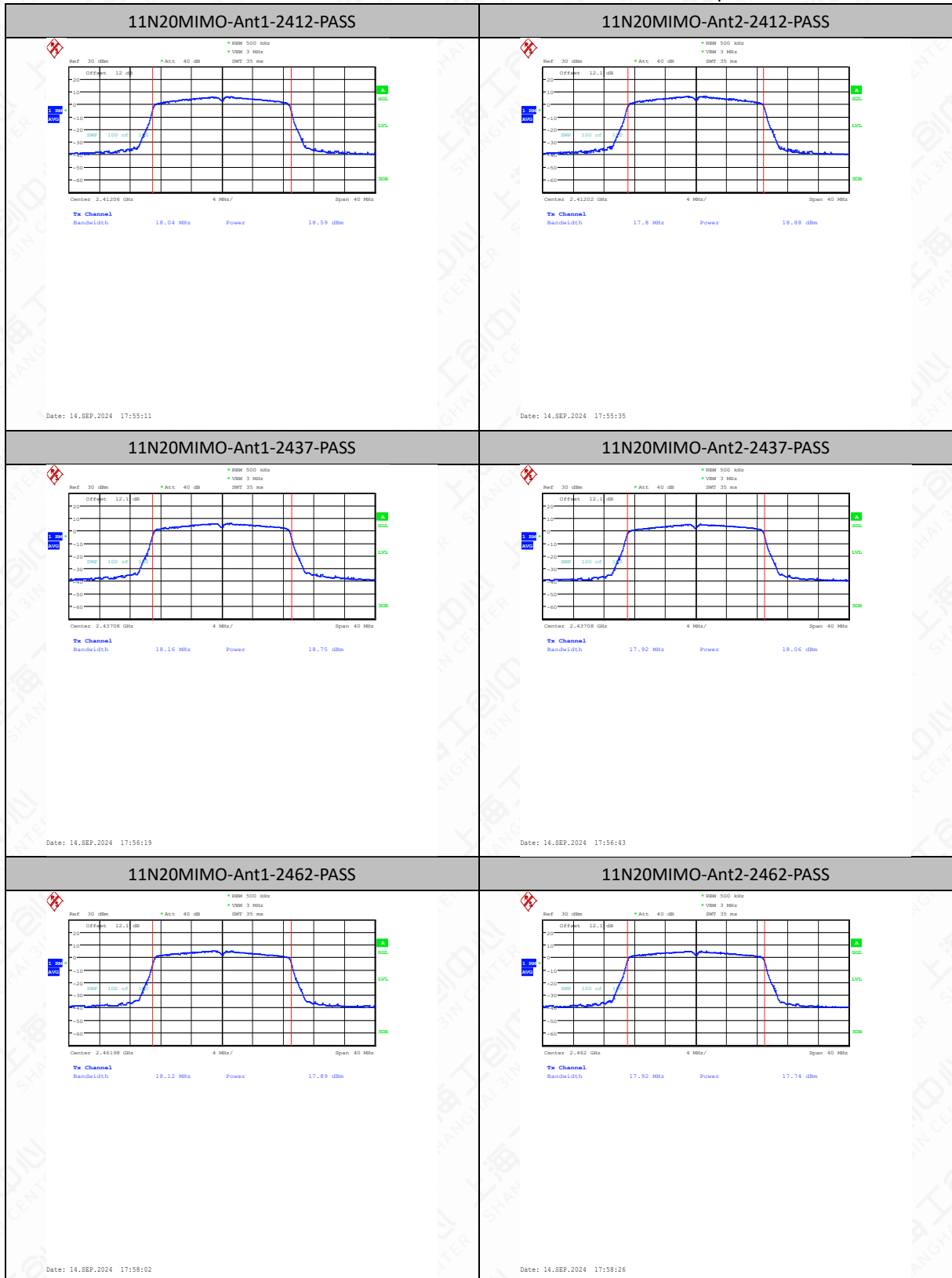
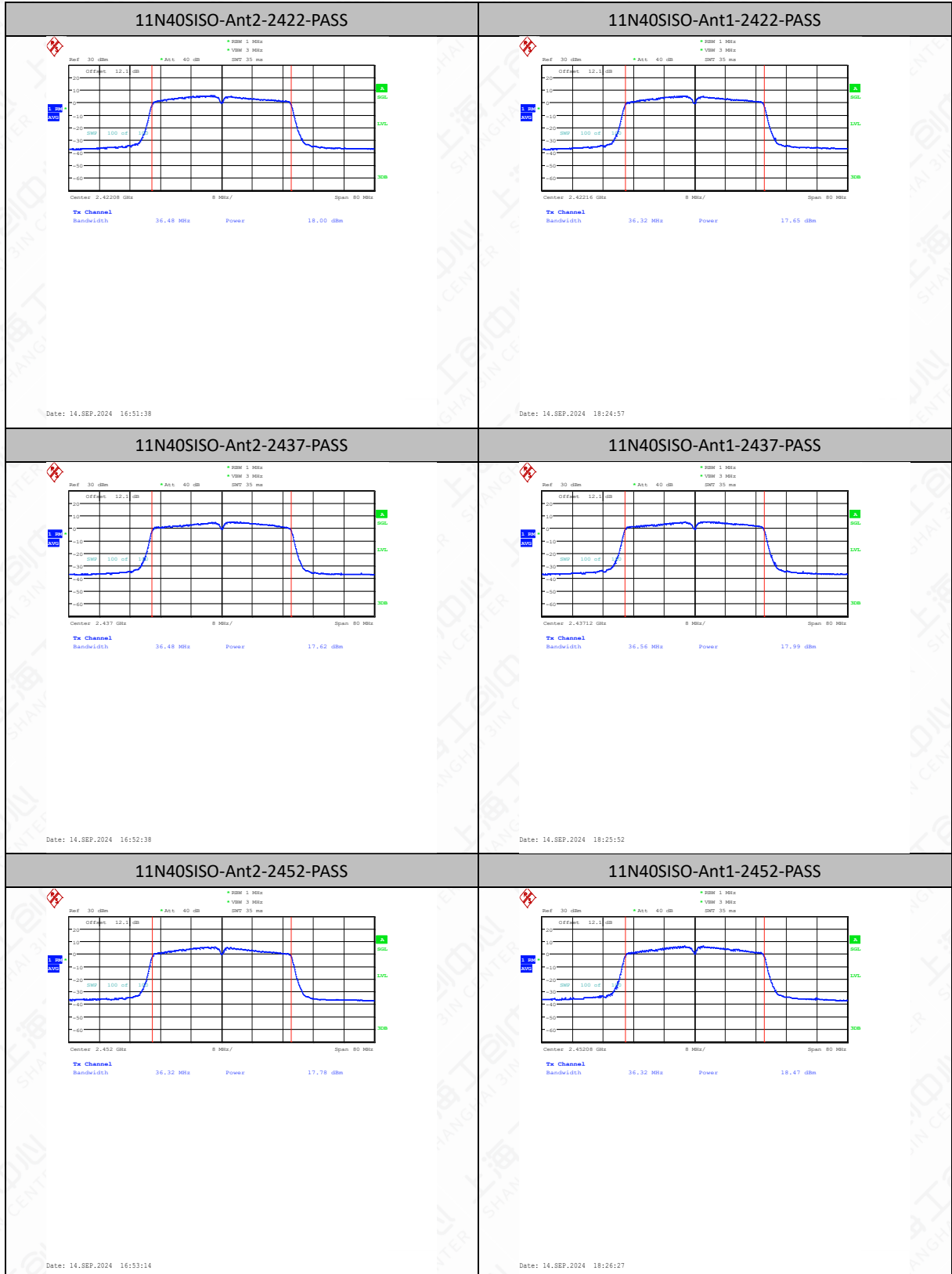
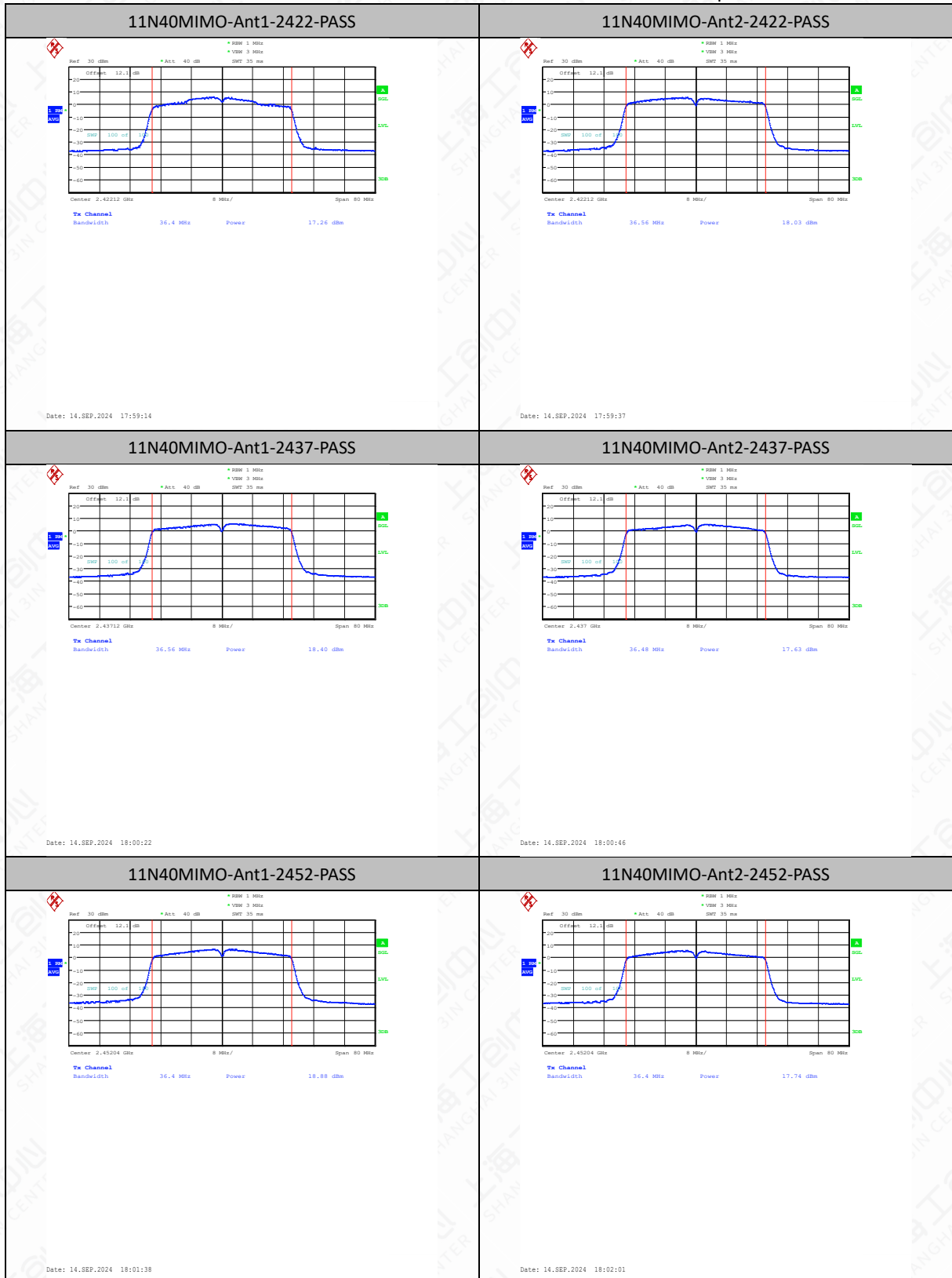


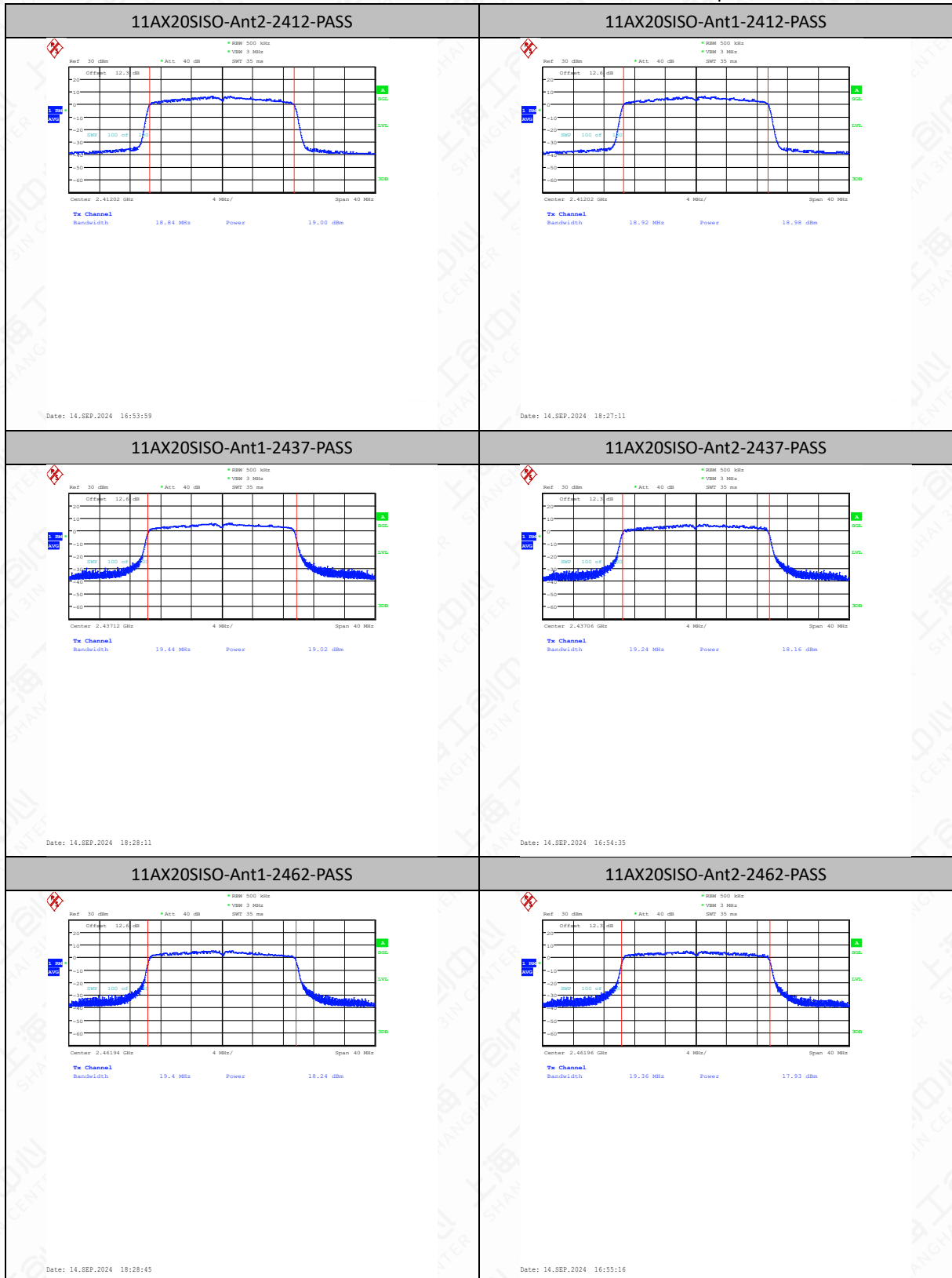


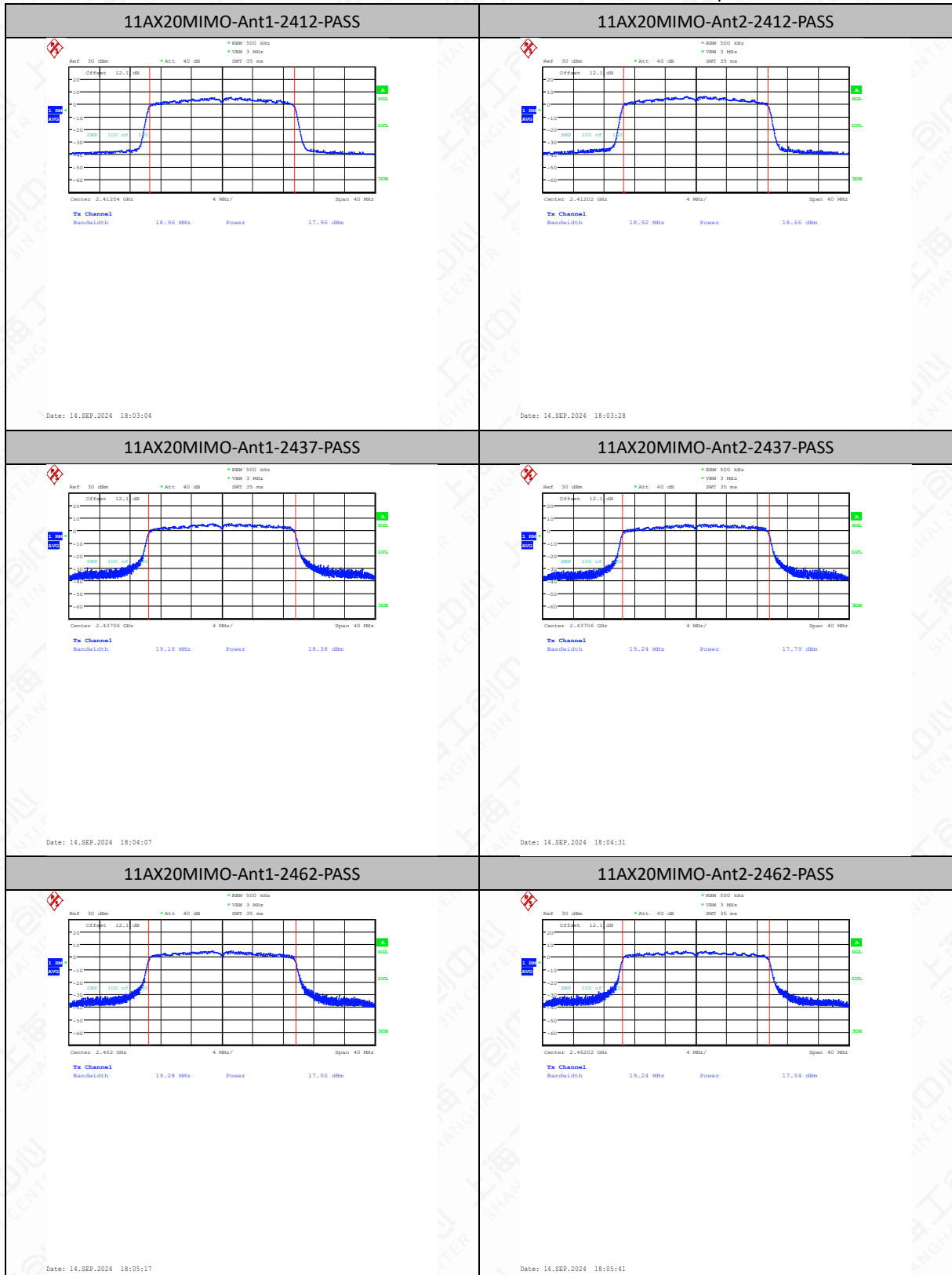


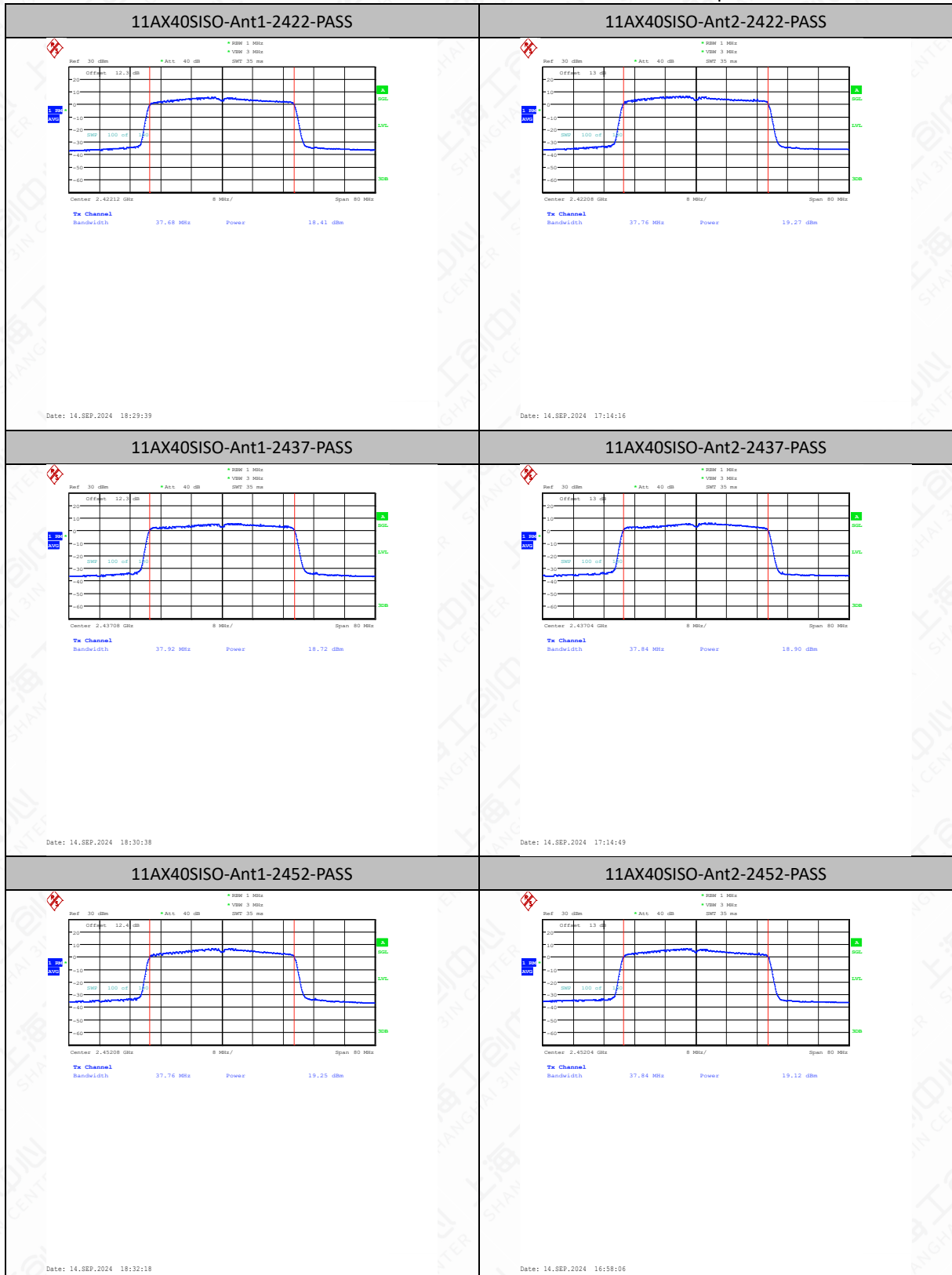


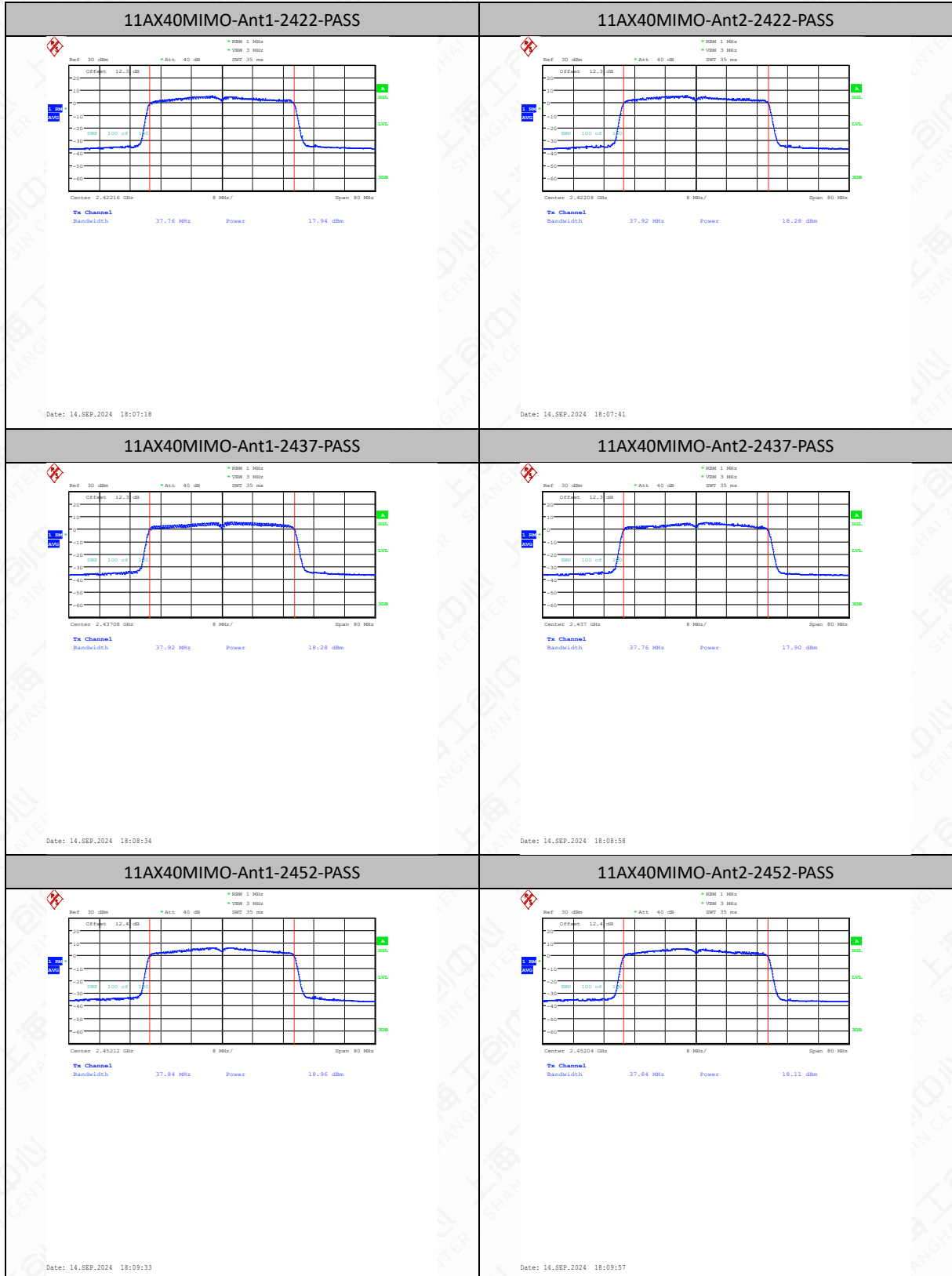




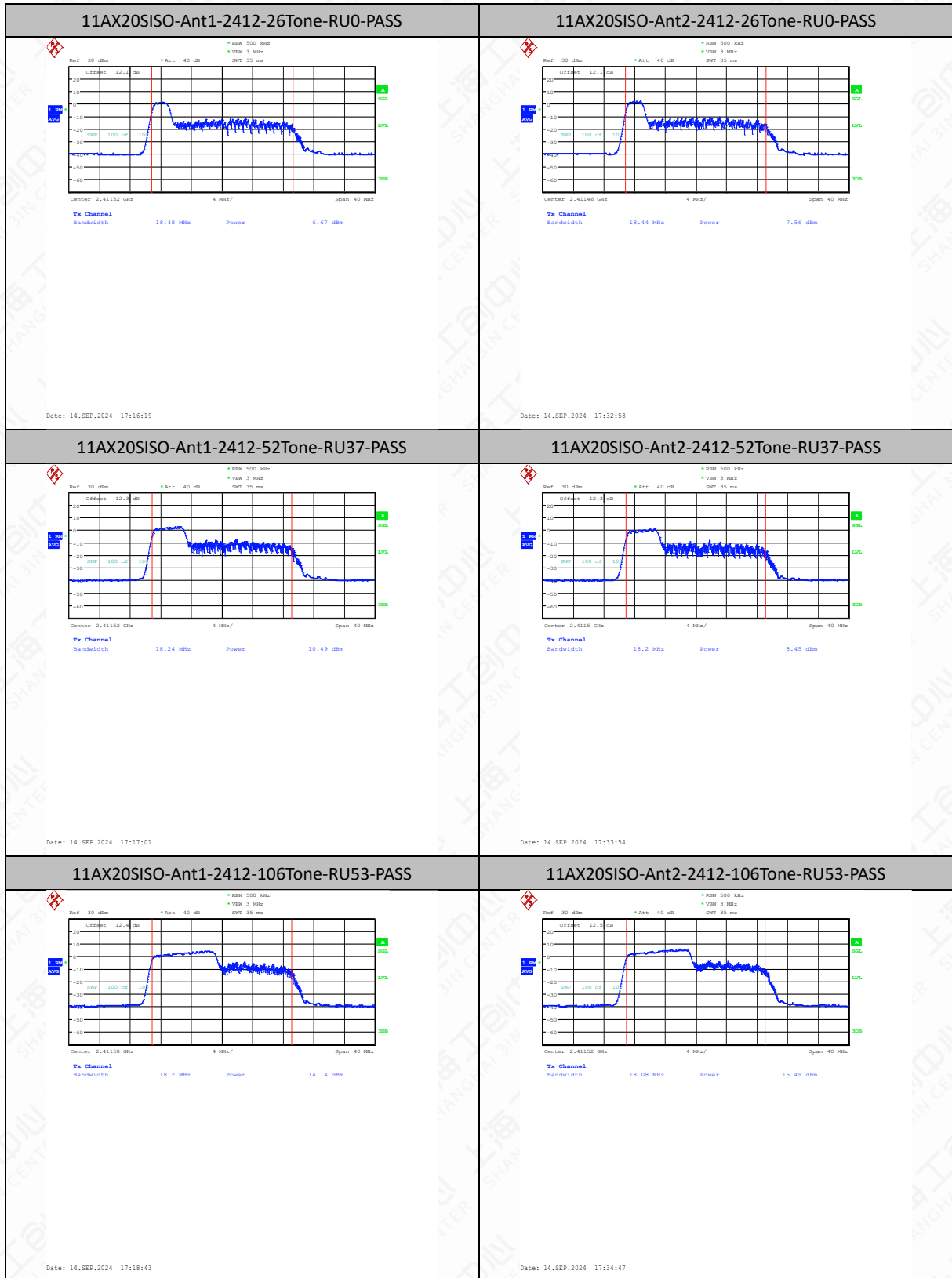


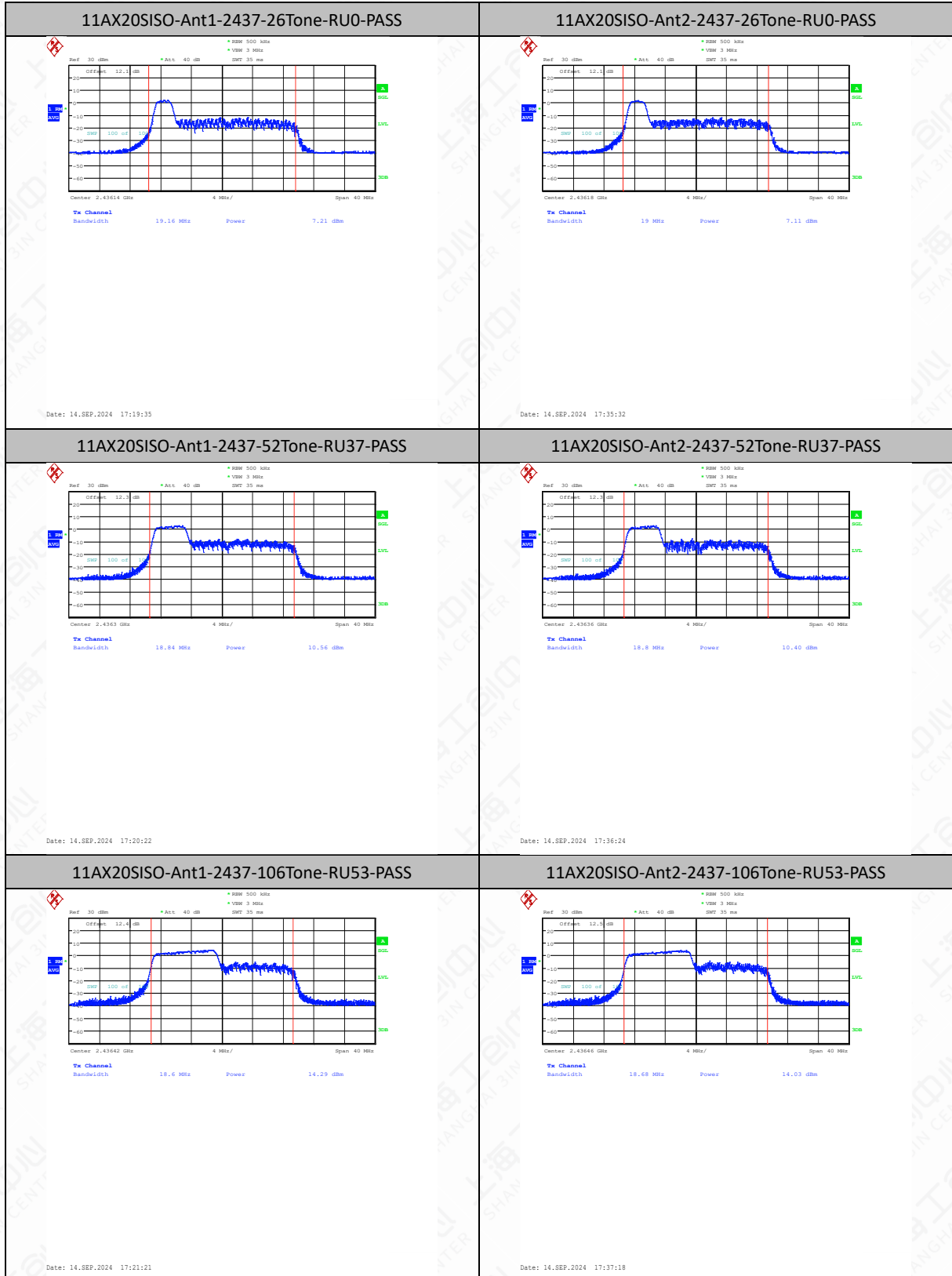


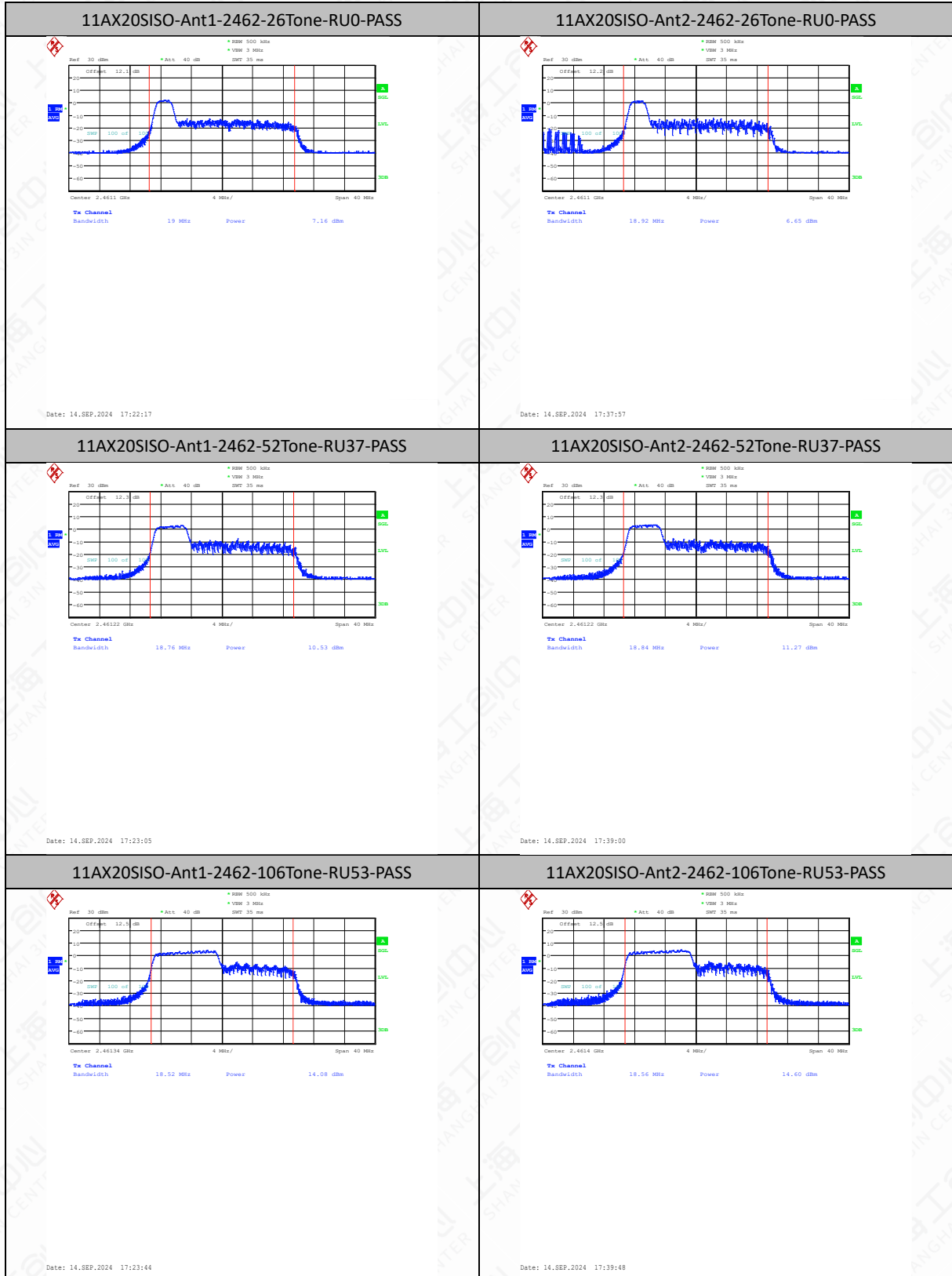


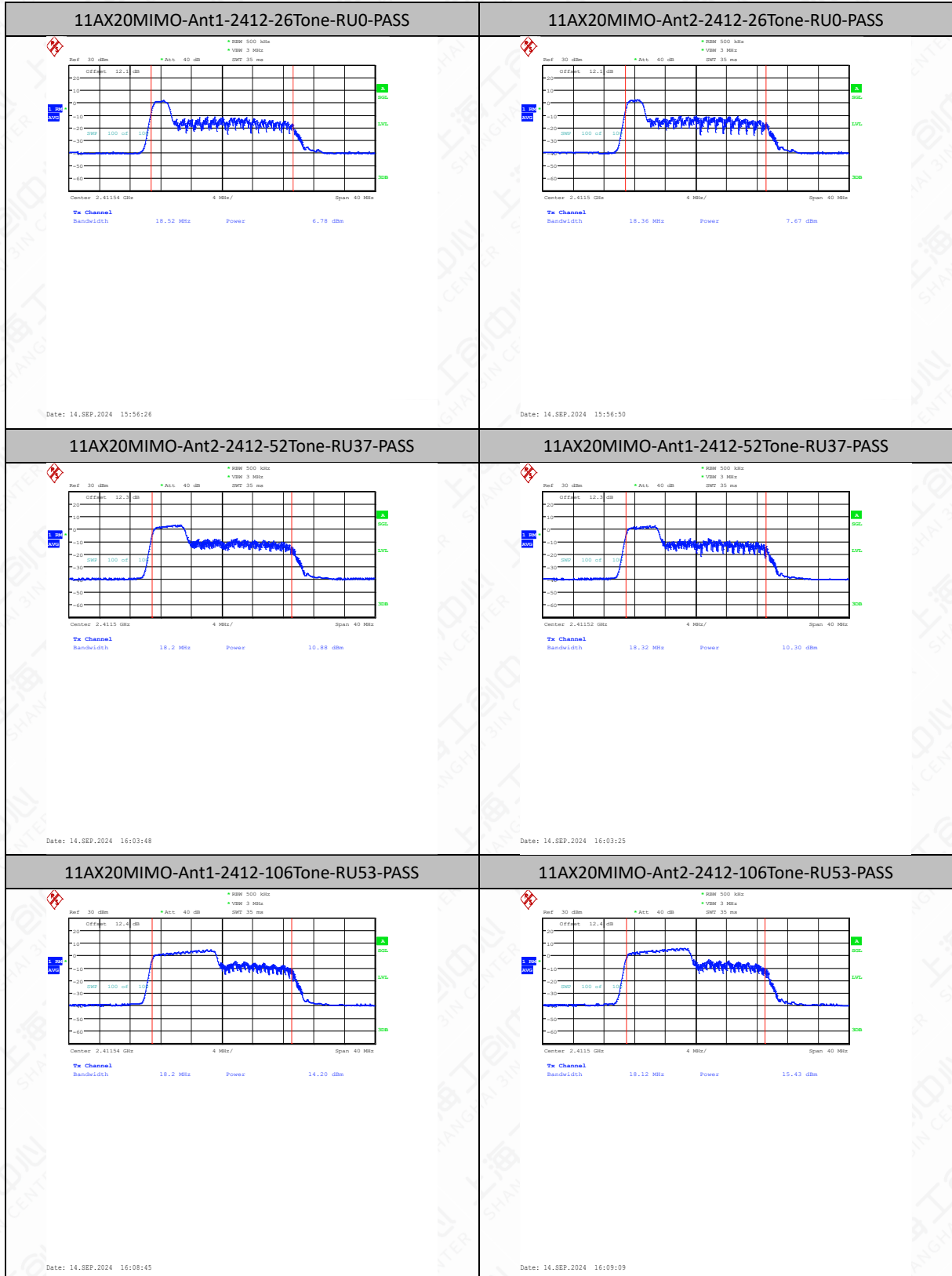


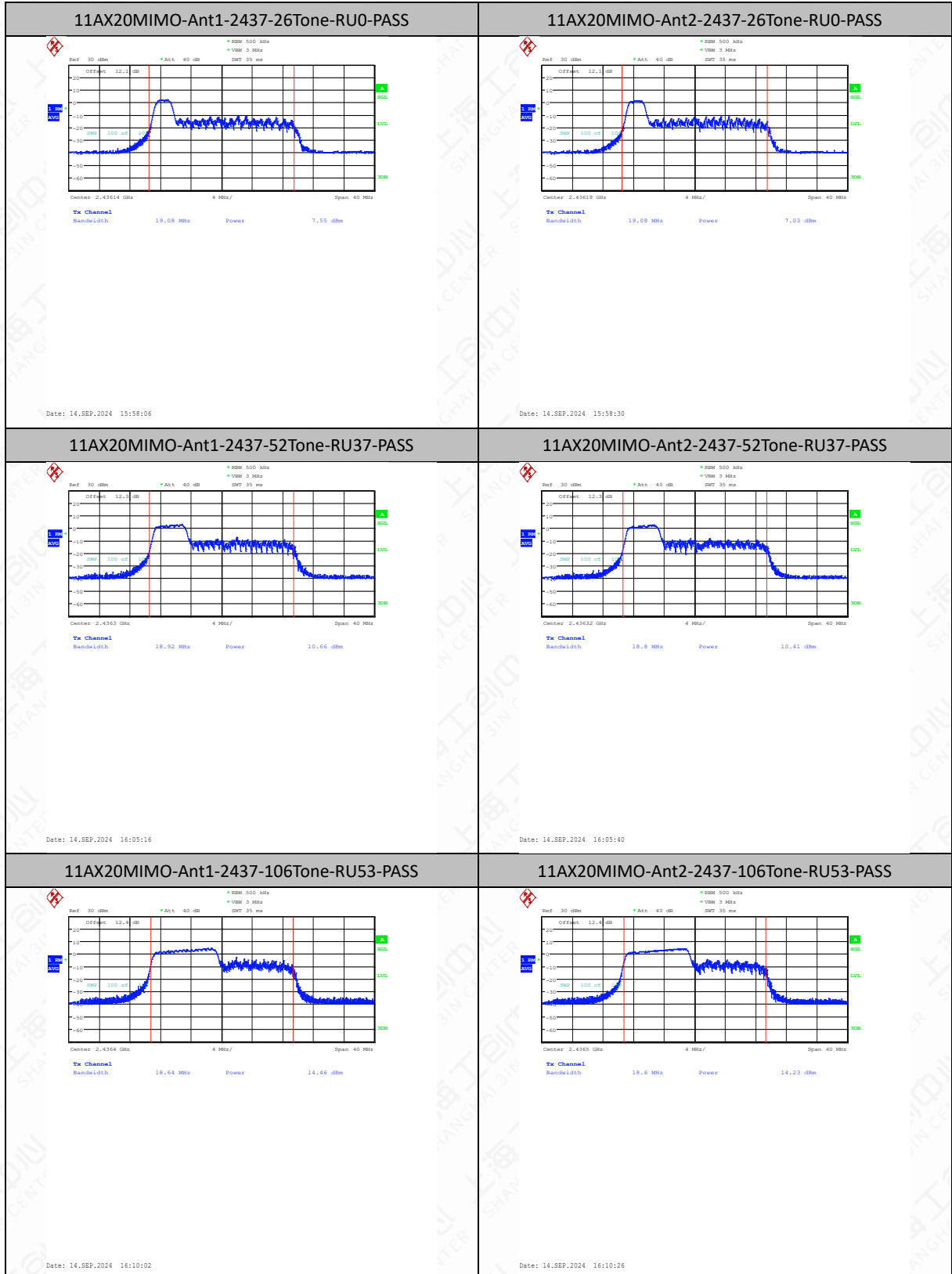
AX Part RU_Multi-User Test Graph

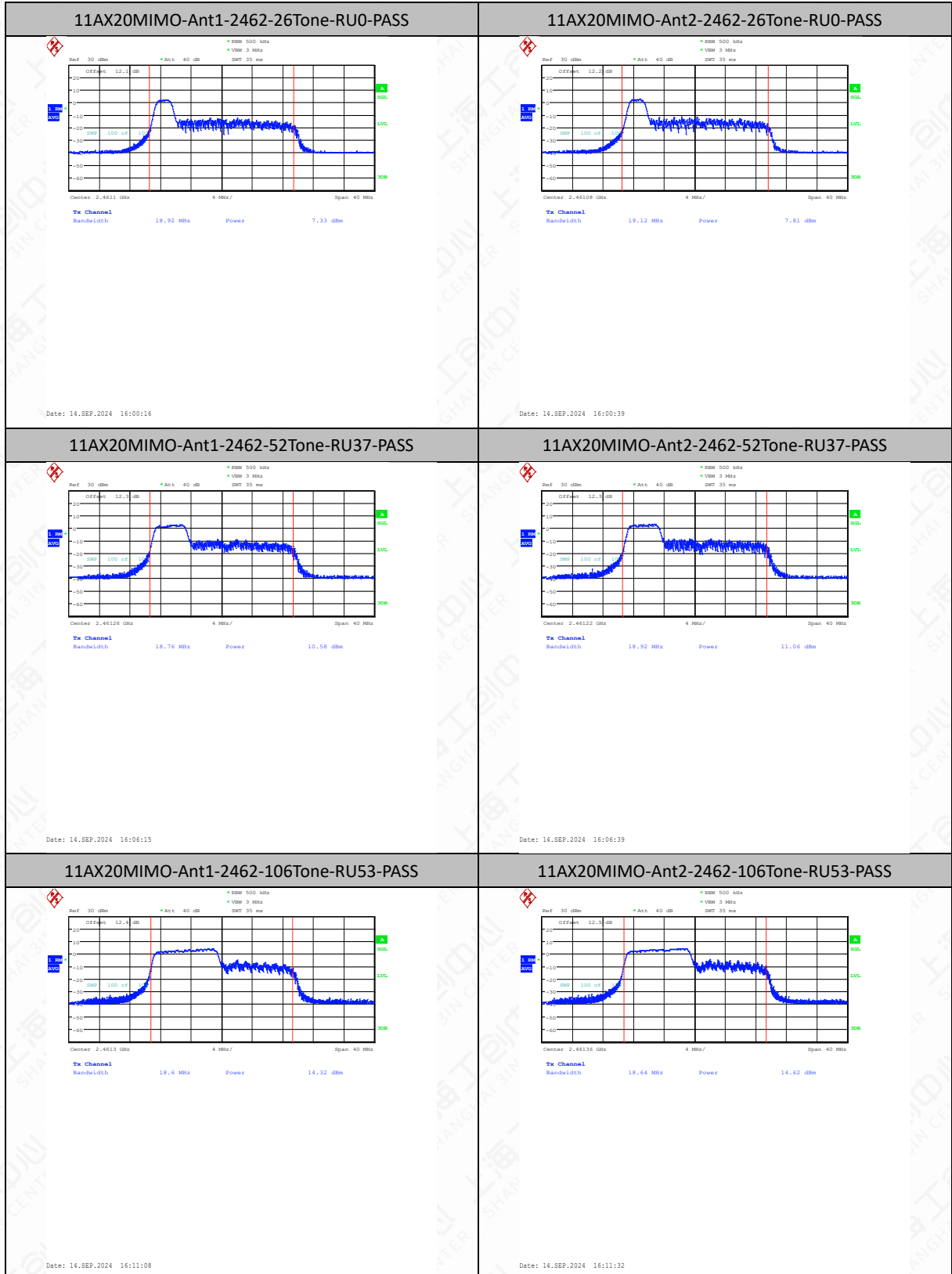




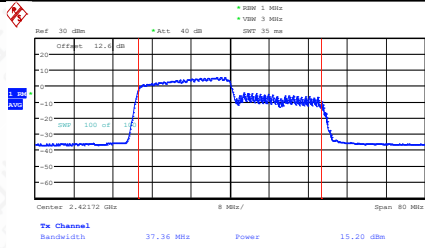






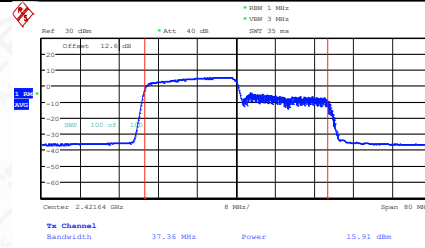


11AX40SISO-Ant1-2422-242Tone-RU61-PASS



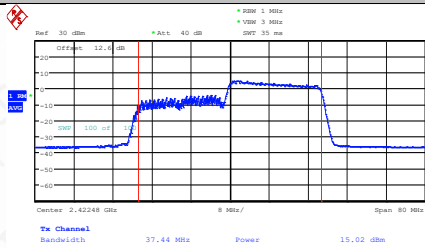
Date: 14.SEP.2024 17:24:50

11AX40SISO-Ant2-2422-242Tone-RU61-PASS



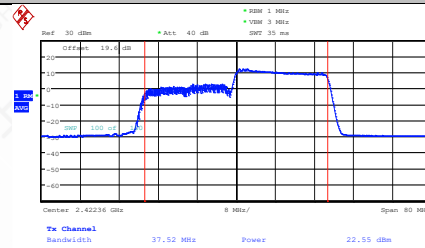
Date: 14.SEP.2024 17:41:14

11AX40SISO-Ant1-2422-242Tone-RU62-PASS



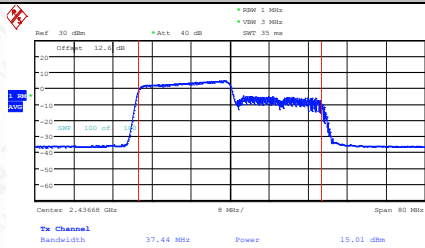
Date: 14.SEP.2024 17:25:58

11AX40SISO-Ant2-2422-242Tone-RU62-PASS



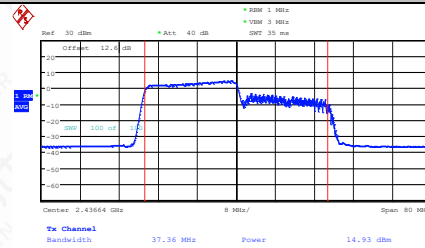
Date: 14.SEP.2024 17:41:47

11AX40SISO-Ant1-2437-242Tone-RU61-PASS



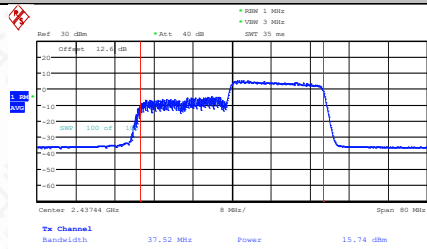
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11AX40SISO-Ant2-2437-242Tone-RU61-PASS



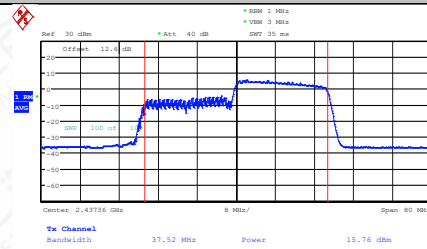
Date: 14.SEP.2024 17:42:33

11AX40SISO-Ant1-2437-242Tone-RU62-PASS



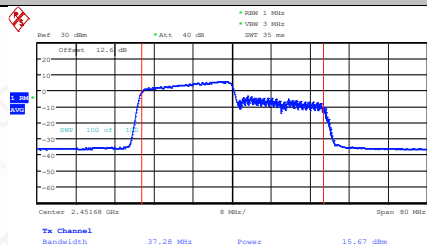
Date: 14.SEP.2024 17:27:40

11AX40SISO-Ant2-2437-242Tone-RU62-PASS



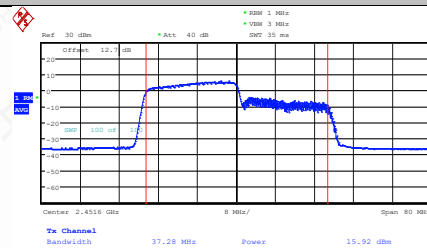
Date: 14.SEP.2024 18:15:33

11AX40SISO-Ant1-2452-242Tone-RU61-PASS



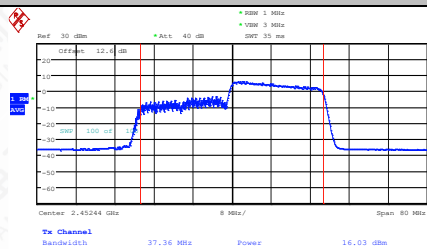
Date: 14.SEP.2024 18:14:02

11AX40SISO-Ant2-2452-242Tone-RU61-PASS



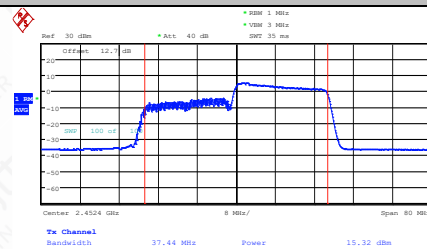
Date: 14.SEP.2024 17:45:29

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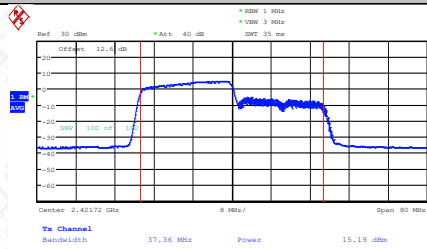
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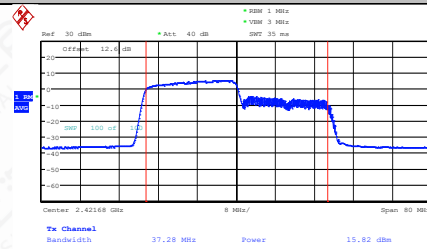
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11AX40MIMO-Ant1-2422-242Tone-RU61-PASS



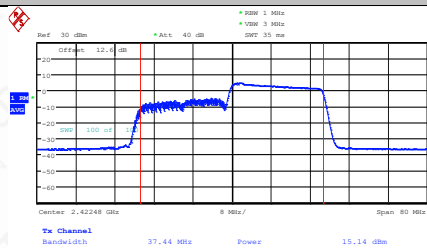
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11AX40MIMO-Ant2-2422-242Tone-RU61-PASS



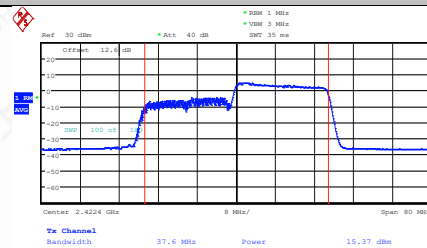
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11AX40MIMO-Ant1-2422-242Tone-RU62-PASS



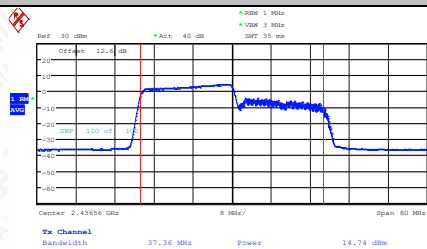
Date: 14.SEP.2024 16:25:16

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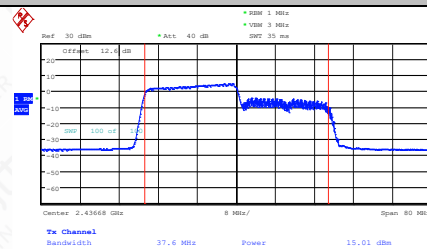
Date: 14.SEP.2024 16:25:40

11AX40MIMO-Ant2-2437-242Tone-RU61-PASS



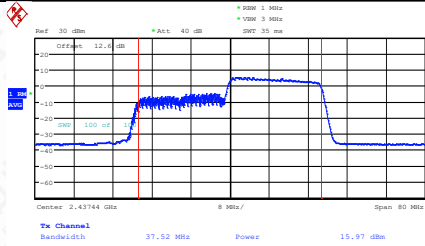
Date: 14.SEP.2024 16:22:13

11AX40MIMO-Ant1-2437-242Tone-RU61-PASS



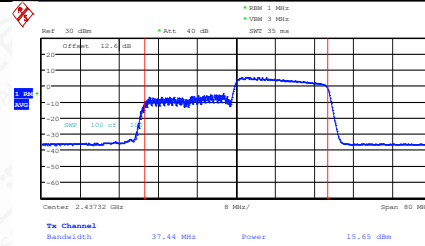
Date: 14.SEP.2024 16:21:49

11AX40MIMO-Ant1-2437-242Tone-RU62-PASS



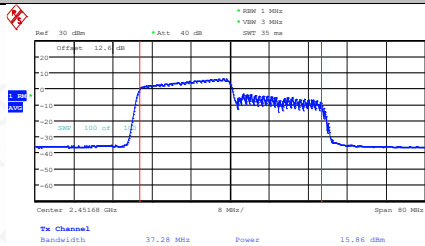
Date: 14.SEP.2024 16:26:22

11AX40MIMO-Ant2-2437-242Tone-RU62-PASS



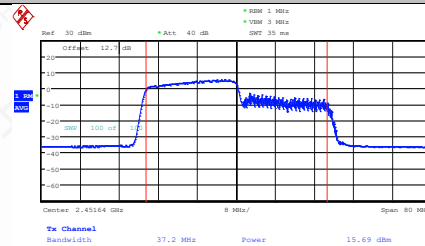
Date: 14.SEP.2024 16:26:46

11AX40MIMO-Ant1-2452-242Tone-RU61-PASS



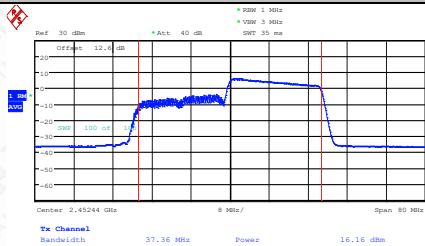
Date: 14.SEP.2024 16:22:50

11AX40MIMO-Ant2-2452-242Tone-RU61-PASS



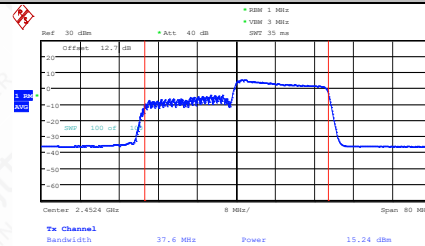
Date: 14.SEP.2024 16:23:13

11AX40MIMO-Ant1-2452-242Tone-RU62-PASS



Date: 14.SEP.2024 16:27:25

11AX40MIMO-Ant2-2452-242Tone-RU62-PASS



Date: 14.SEP.2024 16:27:49

6.3 Peak Power Spectral Density

6.3.1 Measurement Limit

Standard	Limit
FCC 47 Part 15.247(e)	$\leq 8\text{dBm}/3\text{ KHz}$

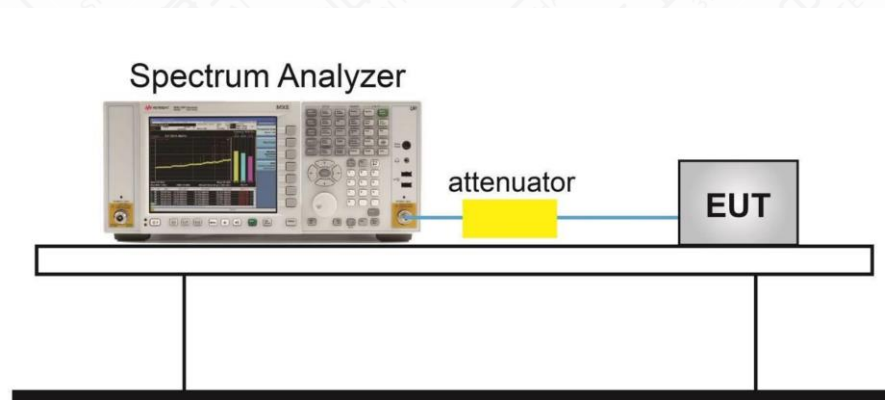
6.3.2 Test procedures

The measurement is according to ANSI C63.10 clause 11.10.

The output power of EUT was connected to the spectrum analyzer. The path loss was compensated to the results for each measurement.

1. Measure the duty cycle (D) of the transmitter output signal as described in 11.6.
2. Set instrument center frequency to DTS channel center frequency.
3. Set span to at least 1.5 times the OBW.
4. Set RBW to: $3\text{ kHz} \leq \text{RBW} \leq 100\text{ kHz}$.
5. Set VBW $\geq [3 \times \text{RBW}]$.
6. Detector = power averaging (rms) or sample detector (when rms not available).
7. Ensure that the number of measurement points in the sweep $\geq [2 \times \text{span} / \text{RBW}]$.
8. Sweep time = auto couple.
9. Do not use sweep triggering; allow sweep to “free run.”
10. Employ trace averaging (rms) mode over a minimum of 100 traces.
11. Use the peak marker function to determine the maximum amplitude level.
12. Add $[10 \log (1 / D)]$, where D is the duty cycle measured in step a), to the measured PSD to compute the average PSD during the actual transmission time.
13. If measured value exceeds requirement specified by regulatory agency, then reduce RBW (but no less than 3 kHz) and repeat (note that this may require zooming in on the emission of interest and reducing the span to meet the minimum measurement point requirement as the RBW is reduced).

6.3.3 Test setup



6.3.4 Measurement Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-5.90	≤8.00	PASS
11B	Ant2	2412	-4.48	≤8.00	PASS
11B	Ant1	2437	-6.56	≤8.00	PASS
11B	Ant2	2437	-5.82	≤8.00	PASS
11B	Ant1	2462	-7.11	≤8.00	PASS
11B	Ant2	2462	-6.82	≤8.00	PASS
11B-CDD	Ant1	2412	-5.33	≤8.00	PASS
11B-CDD	Ant2	2412	-5.96	≤8.00	PASS
11B-CDD	total	2412	-2.62	≤8.00	PASS
11B-CDD	Ant1	2437	-5.81	≤8.00	PASS
11B-CDD	Ant2	2437	-6.08	≤8.00	PASS
11B-CDD	total	2437	-2.93	≤8.00	PASS
11B-CDD	Ant1	2462	-7.26	≤8.00	PASS
11B-CDD	Ant2	2462	-6.65	≤8.00	PASS
11B-CDD	total	2462	-3.93	≤8.00	PASS
11G	Ant1	2412	-10.00	≤8.00	PASS
11G	Ant2	2412	-9.80	≤8.00	PASS
11G	Ant1	2437	-10.56	≤8.00	PASS
11G	Ant2	2437	-10.68	≤8.00	PASS
11G	Ant1	2462	-11.19	≤8.00	PASS
11G	Ant2	2462	-11.20	≤8.00	PASS
11G-CDD	Ant1	2412	-10.50	≤8.00	PASS
11G-CDD	Ant2	2412	-10.36	≤8.00	PASS
11G-CDD	total	2412	-7.42	≤7.44	PASS
11G-CDD	Ant1	2437	-10.36	≤8.00	PASS
11G-CDD	Ant2	2437	-10.56	≤8.00	PASS
11G-CDD	total	2437	-7.45	≤7.44	PASS
11G-CDD	Ant1	2462	-11.41	≤8.00	PASS
11G-CDD	Ant2	2462	-11.53	≤8.00	PASS
11G-CDD	total	2462	-8.46	≤7.44	PASS
11N20SISO	Ant1	2412	-9.78	≤8.00	PASS
11N20SISO	Ant2	2412	-9.60	≤8.00	PASS
11N20SISO	Ant1	2437	-10.51	≤8.00	PASS
11N20SISO	Ant2	2437	-10.57	≤8.00	PASS
11N20SISO	Ant1	2462	-11.29	≤8.00	PASS
11N20SISO	Ant2	2462	-10.94	≤8.00	PASS
11N20MIMO	Ant1	2412	-10.53	≤8.00	PASS
11N20MIMO	Ant2	2412	-9.72	≤8.00	PASS
11N20MIMO	total	2412	-7.10	≤7.44	PASS
11N20MIMO	Ant1	2437	-10.23	≤8.00	PASS

11N20MIMO	Ant2	2437	-10.67	≤8.00	PASS
11N20MIMO	total	2437	-7.43	≤7.44	PASS
11N20MIMO	Ant1	2462	-10.96	≤8.00	PASS
11N20MIMO	Ant2	2462	-10.80	≤8.00	PASS
11N20MIMO	total	2462	-7.87	≤7.44	PASS
11N40SISO	Ant1	2422	-12.97	≤8.00	PASS
11N40SISO	Ant2	2422	-12.83	≤8.00	PASS
11N40SISO	Ant1	2437	-12.56	≤8.00	PASS
11N40SISO	Ant2	2437	-12.70	≤8.00	PASS
11N40SISO	Ant1	2452	-12.51	≤8.00	PASS
11N40SISO	Ant2	2452	-12.94	≤8.00	PASS
11N40MIMO	Ant1	2422	-13.48	≤8.00	PASS
11N40MIMO	Ant2	2422	-13.67	≤8.00	PASS
11N40MIMO	total	2422	-10.56	≤7.44	PASS
11N40MIMO	Ant1	2437	-12.07	≤8.00	PASS
11N40MIMO	Ant2	2437	-13.43	≤8.00	PASS
11N40MIMO	total	2437	-9.69	≤7.44	PASS
11N40MIMO	Ant1	2452	-12.53	≤8.00	PASS
11N40MIMO	Ant2	2452	-13.36	≤8.00	PASS
11N40MIMO	total	2452	-9.91	≤7.44	PASS
11AX20SISO	Ant1	2412	-8.83	≤8.00	PASS
11AX20SISO	Ant2	2412	-10.60	≤8.00	PASS
11AX20SISO	Ant1	2437	-9.26	≤8.00	PASS
11AX20SISO	Ant2	2437	-10.99	≤8.00	PASS
11AX20SISO	Ant1	2462	-9.96	≤8.00	PASS
11AX20SISO	Ant2	2462	-12.00	≤8.00	PASS
11AX20MIMO	Ant1	2412	-11.98	≤8.00	PASS
11AX20MIMO	Ant2	2412	-11.14	≤8.00	PASS
11AX20MIMO	total	2412	-8.53	≤7.44	PASS
11AX20MIMO	Ant1	2437	-11.40	≤8.00	PASS
11AX20MIMO	Ant2	2437	-11.41	≤8.00	PASS
11AX20MIMO	total	2437	-8.39	≤7.44	PASS
11AX20MIMO	Ant1	2462	-12.70	≤8.00	PASS
11AX20MIMO	Ant2	2462	-12.80	≤8.00	PASS
11AX20MIMO	total	2462	-9.74	≤7.44	PASS
11AX40SISO	Ant1	2422	-14.15	≤8.00	PASS
11AX40SISO	Ant2	2422	-11.60	≤8.00	PASS
11AX40SISO	Ant1	2437	-14.66	≤8.00	PASS
11AX40SISO	Ant2	2437	-12.44	≤8.00	PASS
11AX40SISO	Ant1	2452	-14.00	≤8.00	PASS
11AX40SISO	Ant2	2452	-11.60	≤8.00	PASS
11AX40MIMO	Ant1	2422	-15.46	≤8.00	PASS
11AX40MIMO	Ant2	2422	-15.18	≤8.00	PASS

11AX40MIMO	total	2422	-12.31	≤7.44	PASS
11AX40MIMO	Ant1	2437	-14.38	≤8.00	PASS
11AX40MIMO	Ant2	2437	-14.63	≤8.00	PASS
11AX40MIMO	total	2437	-11.49	≤7.44	PASS
11AX40MIMO	Ant1	2452	-13.87	≤8.00	PASS
11AX40MIMO	Ant2	2452	-14.45	≤8.00	PASS
11AX40MIMO	total	2452	-11.14	≤7.44	PASS

AX Part RU_Multi-User

TestMode	Antenna	Frequency [MHz]	RuSize	RuIndex	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11AX20SISO	Ant1	2412	26Tone	RU0	-15.98	≤8.00	PASS
11AX20SISO	Ant2	2412	26Tone	RU0	-15.22	≤8.00	PASS
11AX20SISO	Ant1	2412	52Tone	RU37	-13.56	≤8.00	PASS
11AX20SISO	Ant2	2412	52Tone	RU37	-12.81	≤8.00	PASS
11AX20SISO	Ant1	2412	106Tone	RU53	-12.69	≤8.00	PASS
11AX20SISO	Ant2	2412	106Tone	RU53	-11.01	≤8.00	PASS
11AX20SISO	Ant1	2437	26Tone	RU0	-15.30	≤8.00	PASS
11AX20SISO	Ant2	2437	26Tone	RU0	-15.66	≤8.00	PASS
11AX20SISO	Ant1	2437	52Tone	RU37	-13.32	≤8.00	PASS
11AX20SISO	Ant2	2437	52Tone	RU37	-13.95	≤8.00	PASS
11AX20SISO	Ant1	2437	106Tone	RU53	-12.57	≤8.00	PASS
11AX20SISO	Ant2	2437	106Tone	RU53	-12.00	≤8.00	PASS
11AX20SISO	Ant1	2462	26Tone	RU0	-15.27	≤8.00	PASS
11AX20SISO	Ant2	2462	26Tone	RU0	-14.81	≤8.00	PASS
11AX20SISO	Ant1	2462	52Tone	RU37	-13.46	≤8.00	PASS
11AX20SISO	Ant2	2462	52Tone	RU37	-13.77	≤8.00	PASS
11AX20SISO	Ant1	2462	106Tone	RU53	-12.67	≤8.00	PASS
11AX20SISO	Ant2	2462	106Tone	RU53	-12.15	≤8.00	PASS
11AX20MIMO	Ant1	2412	26Tone	RU0	-16.19	≤8.00	PASS
11AX20MIMO	Ant2	2412	26Tone	RU0	-14.97	≤8.00	PASS
11AX20MIMO	total	2412	26Tone	RU0	-12.53	≤7.44	PASS
11AX20MIMO	Ant1	2412	52Tone	RU37	-14.27	≤8.00	PASS
11AX20MIMO	Ant2	2412	52Tone	RU37	-13.57	≤8.00	PASS
11AX20MIMO	total	2412	52Tone	RU37	-10.90	≤7.44	PASS
11AX20MIMO	Ant1	2412	106Tone	RU53	-12.68	≤8.00	PASS
11AX20MIMO	Ant2	2412	106Tone	RU53	-12.00	≤8.00	PASS
11AX20MIMO	total	2412	106Tone	RU53	-9.32	≤7.44	PASS
11AX20MIMO	Ant1	2437	26Tone	RU0	-15.35	≤8.00	PASS
11AX20MIMO	Ant2	2437	26Tone	RU0	-15.54	≤8.00	PASS
11AX20MIMO	total	2437	26Tone	RU0	-12.43	≤7.44	PASS
11AX20MIMO	Ant1	2437	52Tone	RU37	-13.87	≤8.00	PASS
11AX20MIMO	Ant2	2437	52Tone	RU37	-14.35	≤8.00	PASS
11AX20MIMO	total	2437	52Tone	RU37	-11.09	≤7.44	PASS

11AX20MIMO	Ant1	2437	106Tone	RU53	-12.87	≤8.00	PASS
11AX20MIMO	Ant2	2437	106Tone	RU53	-13.25	≤8.00	PASS
11AX20MIMO	total	2437	106Tone	RU53	-10.05	≤7.44	PASS
11AX20MIMO	Ant1	2462	26Tone	RU0	-15.88	≤8.00	PASS
11AX20MIMO	Ant2	2462	26Tone	RU0	-15.19	≤8.00	PASS
11AX20MIMO	total	2462	26Tone	RU0	-12.51	≤7.44	PASS
11AX20MIMO	Ant1	2462	52Tone	RU37	-14.24	≤8.00	PASS
11AX20MIMO	Ant2	2462	52Tone	RU37	-13.70	≤8.00	PASS
11AX20MIMO	total	2462	52Tone	RU37	-10.95	≤7.44	PASS
11AX20MIMO	Ant1	2462	106Tone	RU53	-13.03	≤8.00	PASS
11AX20MIMO	Ant2	2462	106Tone	RU53	-13.07	≤8.00	PASS
11AX20MIMO	total	2462	106Tone	RU53	-10.04	≤7.44	PASS
11AX40SISO	Ant1	2422	242Tone	RU61	-14.19	≤8.00	PASS
11AX40SISO	Ant2	2422	242Tone	RU61	-14.03	≤8.00	PASS
11AX40SISO	Ant1	2422	242Tone	RU62	-13.78	≤8.00	PASS
11AX40SISO	Ant2	2422	242Tone	RU62	-8.22	≤8.00	PASS
11AX40SISO	Ant1	2437	242Tone	RU61	-13.95	≤8.00	PASS
11AX40SISO	Ant2	2437	242Tone	RU61	-15.50	≤8.00	PASS
11AX40SISO	Ant1	2437	242Tone	RU62	-13.59	≤8.00	PASS
11AX40SISO	Ant2	2437	242Tone	RU62	-14.01	≤8.00	PASS
11AX40SISO	Ant1	2452	242Tone	RU61	-12.57	≤8.00	PASS
11AX40SISO	Ant2	2452	242Tone	RU61	-14.01	≤8.00	PASS
11AX40SISO	Ant1	2452	242Tone	RU62	-13.16	≤8.00	PASS
11AX40SISO	Ant2	2452	242Tone	RU62	-14.63	≤8.00	PASS
11AX40MIMO	Ant1	2422	242Tone	RU61	-14.11	≤8.00	PASS
11AX40MIMO	Ant2	2422	242Tone	RU61	-14.13	≤8.00	PASS
11AX40MIMO	total	2422	242Tone	RU61	-11.11	≤7.44	PASS
11AX40MIMO	Ant1	2422	242Tone	RU62	-14.30	≤8.00	PASS
11AX40MIMO	Ant2	2422	242Tone	RU62	-15.12	≤8.00	PASS
11AX40MIMO	total	2422	242Tone	RU62	-11.68	≤7.44	PASS
11AX40MIMO	Ant1	2437	242Tone	RU61	-13.81	≤8.00	PASS
11AX40MIMO	Ant2	2437	242Tone	RU61	-15.50	≤8.00	PASS
11AX40MIMO	total	2437	242Tone	RU61	-11.56	≤7.44	PASS
11AX40MIMO	Ant1	2437	242Tone	RU62	-13.01	≤8.00	PASS
11AX40MIMO	Ant2	2437	242Tone	RU62	-14.39	≤8.00	PASS
11AX40MIMO	total	2437	242Tone	RU62	-10.64	≤7.44	PASS
11AX40MIMO	Ant1	2452	242Tone	RU61	-12.74	≤8.00	PASS
11AX40MIMO	Ant2	2452	242Tone	RU61	-13.99	≤8.00	PASS
11AX40MIMO	total	2452	242Tone	RU61	-10.31	≤7.44	PASS
11AX40MIMO	Ant1	2452	242Tone	RU62	-12.60	≤8.00	PASS
11AX40MIMO	Ant2	2452	242Tone	RU62	-14.78	≤8.00	PASS
11AX40MIMO	total	2452	242Tone	RU62	-10.54	≤7.44	PASS

Note: The Duty Cycle Factor is compensated in the graph

Test Graphs

