

6.4 6dB & 26dB Occupied Bandwidth

6.4.1 Measurement Limit

Standard	Limit(KHz)
FCC 47 CFR Part 15.407(e)	≥500

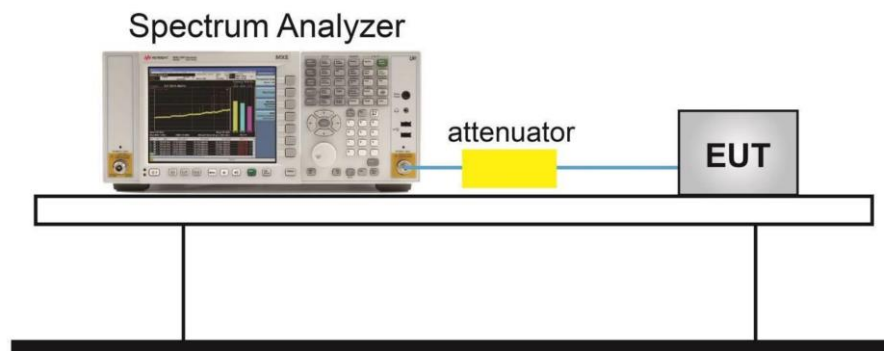
6.4.2 Test Procedure

The measurement is made according to KDB 789033 C

Section 15.407(e) specifies the minimum 6 dB emission bandwidth of at least 500 kHz for the band 5.725-5.85GHz. The following procedure shall be used for measuring this bandwidth:

- a) Set RBW= 100 kHz.
- b) Set the video bandwidth (VBW) $\geq 3 \times$ RBW.
- c) Detector = Peak.
- d) Trace mode = max hold.
- e) Sweep = auto couple.
- f) Allow the trace to stabilize.
- g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB and 26dB relative to the maximum level measured in the fundamental emission.

6.4.3 Test Setup



6.4.4 Measurement Result

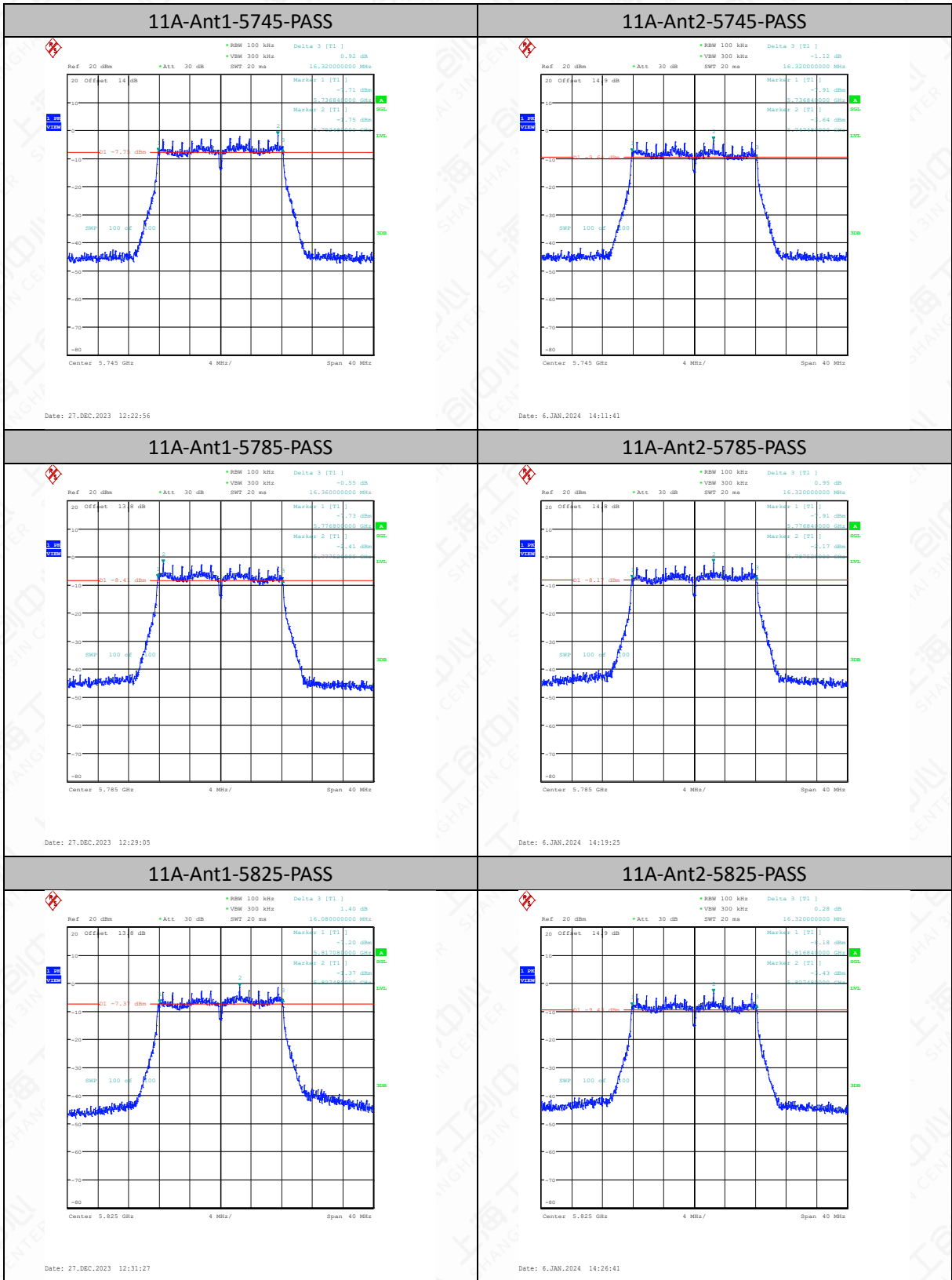
6dB Occupied Bandwidth Measurement Results

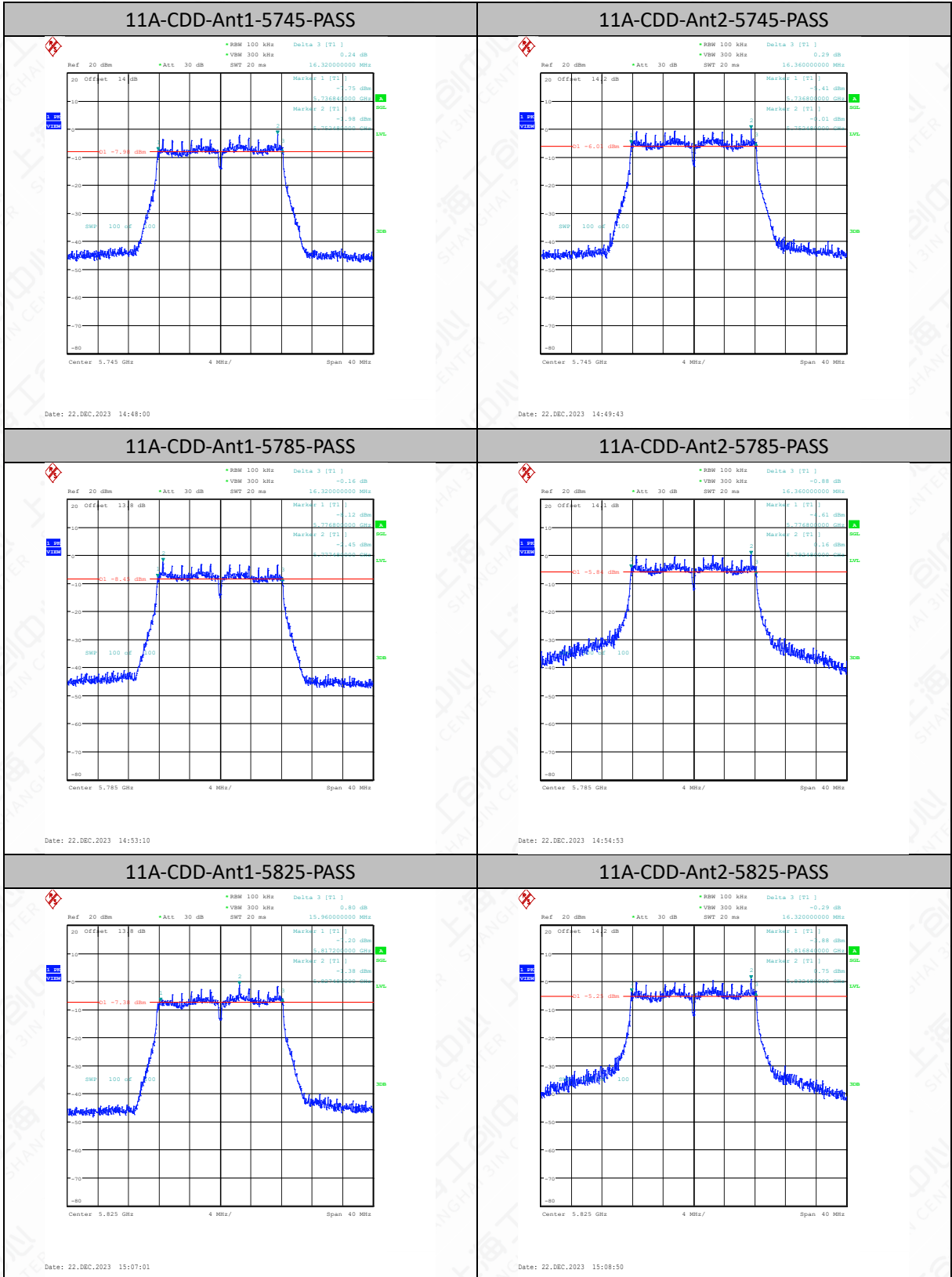
TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.32	5736.84	5753.16	0.5	PASS
11A	Ant2	5745	16.32	5736.84	5753.16	0.5	PASS
11A	Ant1	5785	16.36	5776.80	5793.16	0.5	PASS
11A	Ant2	5785	16.32	5776.84	5793.16	0.5	PASS
11A	Ant1	5825	16.08	5817.08	5833.16	0.5	PASS
11A	Ant2	5825	16.32	5816.84	5833.16	0.5	PASS

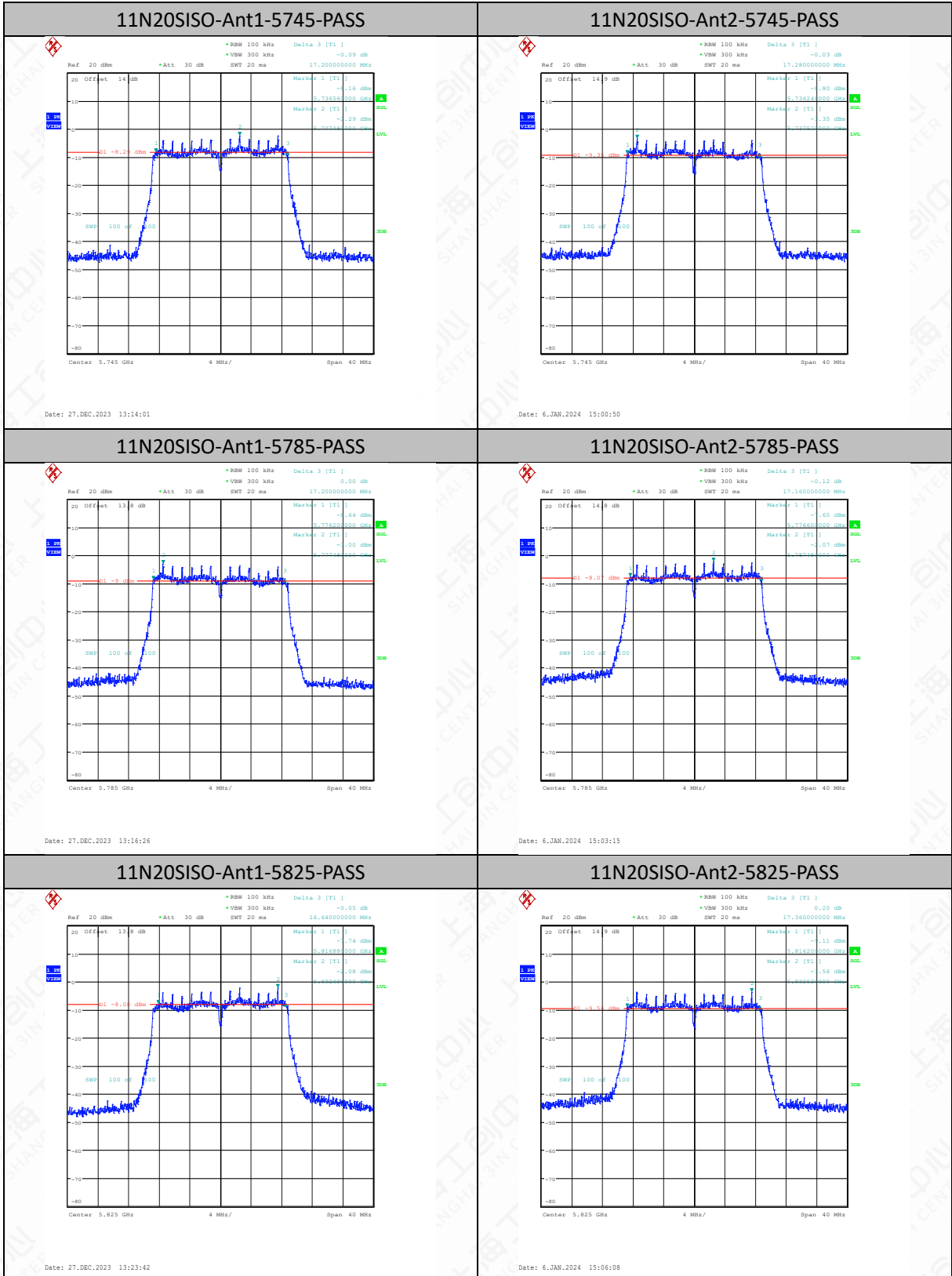
11A-CDD	Ant1	5745	16.32	5736.84	5753.16	0.5	PASS
11A-CDD	Ant2	5745	16.36	5736.80	5753.16	0.5	PASS
11A-CDD	Ant1	5785	16.32	5776.80	5793.12	0.5	PASS
11A-CDD	Ant2	5785	16.36	5776.80	5793.16	0.5	PASS
11A-CDD	Ant1	5825	15.96	5817.20	5833.16	0.5	PASS
11A-CDD	Ant2	5825	16.32	5816.84	5833.16	0.5	PASS
11N20SISO	Ant1	5745	17.20	5736.56	5753.76	0.5	PASS
11N20SISO	Ant2	5745	17.28	5736.24	5753.52	0.5	PASS
11N20SISO	Ant1	5785	17.20	5776.20	5793.40	0.5	PASS
11N20SISO	Ant2	5785	17.16	5776.60	5793.76	0.5	PASS
11N20SISO	Ant1	5825	16.64	5816.88	5833.52	0.5	PASS
11N20SISO	Ant2	5825	17.36	5816.20	5833.56	0.5	PASS
11N20MIMO	Ant1	5745	17.16	5736.60	5753.76	0.5	PASS
11N20MIMO	Ant2	5745	17.32	5736.20	5753.52	0.5	PASS
11N20MIMO	Ant1	5785	17.32	5776.20	5793.52	0.5	PASS
11N20MIMO	Ant2	5785	17.56	5776.20	5793.76	0.5	PASS
11N20MIMO	Ant1	5825	16.92	5816.60	5833.52	0.5	PASS
11N20MIMO	Ant2	5825	17.04	5816.44	5833.48	0.5	PASS
11N40SISO	Ant1	5755	35.28	5737.40	5772.68	0.5	PASS
11N40SISO	Ant2	5755	35.68	5737.08	5772.76	0.5	PASS
11N40SISO	Ant1	5795	35.68	5777.08	5812.76	0.5	PASS
11N40SISO	Ant2	5795	35.20	5777.40	5812.60	0.5	PASS
11N40MIMO	Ant1	5755	35.20	5737.40	5772.60	0.5	PASS
11N40MIMO	Ant2	5755	35.12	5737.40	5772.52	0.5	PASS
11N40MIMO	Ant1	5795	35.60	5777.16	5812.76	0.5	PASS
11N40MIMO	Ant2	5795	35.12	5777.40	5812.52	0.5	PASS
11AC20SISO	Ant1	5745	17.28	5736.48	5753.76	0.5	PASS
11AC20SISO	Ant2	5745	17.32	5736.20	5753.52	0.5	PASS
11AC20SISO	Ant1	5785	17.28	5776.24	5793.52	0.5	PASS
11AC20SISO	Ant2	5785	17.16	5776.60	5793.76	0.5	PASS
11AC20SISO	Ant1	5825	16.96	5816.60	5833.56	0.5	PASS
11AC20SISO	Ant2	5825	17.28	5816.24	5833.52	0.5	PASS
11AC20MIMO	Ant1	5745	17.16	5736.60	5753.76	0.5	PASS
11AC20MIMO	Ant2	5745	17.52	5736.20	5753.72	0.5	PASS
11AC20MIMO	Ant1	5785	17.32	5776.20	5793.52	0.5	PASS
11AC20MIMO	Ant2	5785	17.32	5776.44	5793.76	0.5	PASS
11AC20MIMO	Ant1	5825	16.92	5816.60	5833.52	0.5	PASS
11AC20MIMO	Ant2	5825	17.32	5816.44	5833.76	0.5	PASS
11AC40SISO	Ant1	5755	35.52	5737.40	5772.92	0.5	PASS
11AC40SISO	Ant2	5755	35.20	5737.40	5772.60	0.5	PASS
11AC40SISO	Ant1	5795	35.68	5777.24	5812.92	0.5	PASS
11AC40SISO	Ant2	5795	35.36	5777.40	5812.76	0.5	PASS

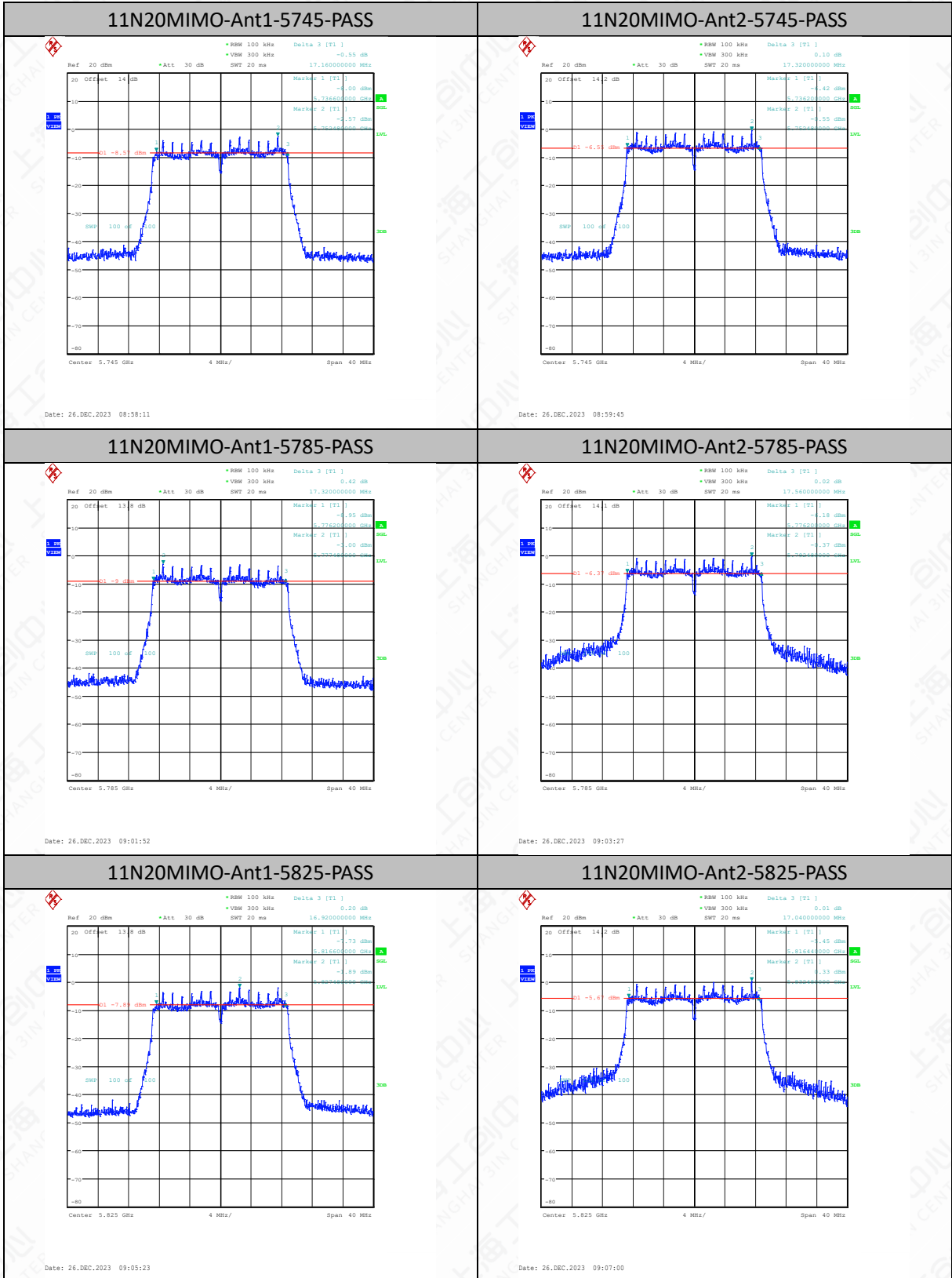
11AC40MIMO	Ant1	5755	35.20	5737.40	5772.60	0.5	PASS
11AC40MIMO	Ant2	5755	35.76	5737.40	5773.16	0.5	PASS
11AC40MIMO	Ant1	5795	35.36	5777.24	5812.60	0.5	PASS
11AC40MIMO	Ant2	5795	35.36	5777.24	5812.60	0.5	PASS
11AC80SISO	Ant1	5775	76.48	5736.76	5813.24	0.5	PASS
11AC80SISO	Ant2	5775	76.16	5737.08	5813.24	0.5	PASS
11AC80MIMO	Ant1	5775	75.68	5737.40	5813.08	0.5	PASS
11AC80MIMO	Ant2	5775	76.16	5737.08	5813.24	0.5	PASS
11AX20SISO	Ant1	5745	18.32	5735.80	5754.12	0.5	PASS
11AX20SISO	Ant2	5745	18.36	5735.84	5754.20	0.5	PASS
11AX20SISO	Ant1	5785	18.12	5776.08	5794.20	0.5	PASS
11AX20SISO	Ant2	5785	18.00	5776.20	5794.20	0.5	PASS
11AX20SISO	Ant1	5825	18.44	5815.76	5834.20	0.5	PASS
11AX20SISO	Ant2	5825	18.24	5815.88	5834.12	0.5	PASS
11AX20MIMO	Ant1	5745	18.00	5736.24	5754.24	0.5	PASS
11AX20MIMO	Ant2	5745	17.92	5735.96	5753.88	0.5	PASS
11AX20MIMO	Ant1	5785	18.04	5775.80	5793.84	0.5	PASS
11AX20MIMO	Ant2	5785	17.92	5776.08	5794.00	0.5	PASS
11AX20MIMO	Ant1	5825	17.80	5816.28	5834.08	0.5	PASS
11AX20MIMO	Ant2	5825	17.68	5816.20	5833.88	0.5	PASS
11AX40SISO	Ant1	5755	36.08	5736.84	5772.92	0.5	PASS
11AX40SISO	Ant2	5755	36.24	5736.76	5773.00	0.5	PASS
11AX40SISO	Ant1	5795	36.32	5777.16	5813.48	0.5	PASS
11AX40SISO	Ant2	5795	35.84	5777.08	5812.92	0.5	PASS
11AX40MIMO	Ant1	5755	35.52	5737.40	5772.92	0.5	PASS
11AX40MIMO	Ant2	5755	35.60	5737.16	5772.76	0.5	PASS
11AX40MIMO	Ant1	5795	36.00	5776.84	5812.84	0.5	PASS
11AX40MIMO	Ant2	5795	36.40	5776.76	5813.16	0.5	PASS
11AX80SISO	Ant1	5775	77.76	5736.12	5813.88	0.5	PASS
11AX80SISO	Ant2	5775	77.92	5736.12	5814.04	0.5	PASS
11AX80MIMO	Ant1	5775	77.76	5736.12	5813.88	0.5	PASS
11AX80MIMO	Ant2	5775	77.76	5736.12	5813.88	0.5	PASS

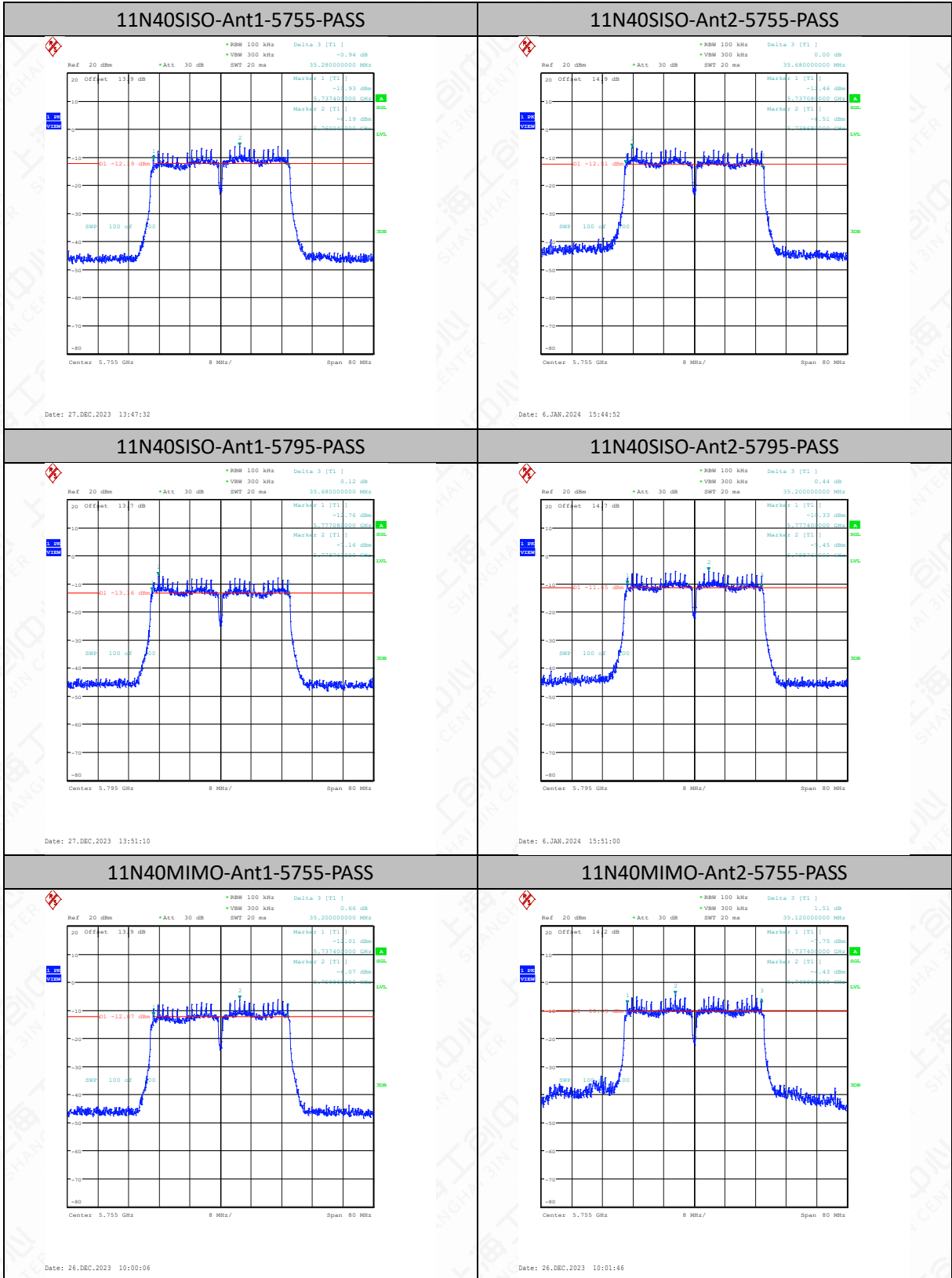
Test graphs as below:

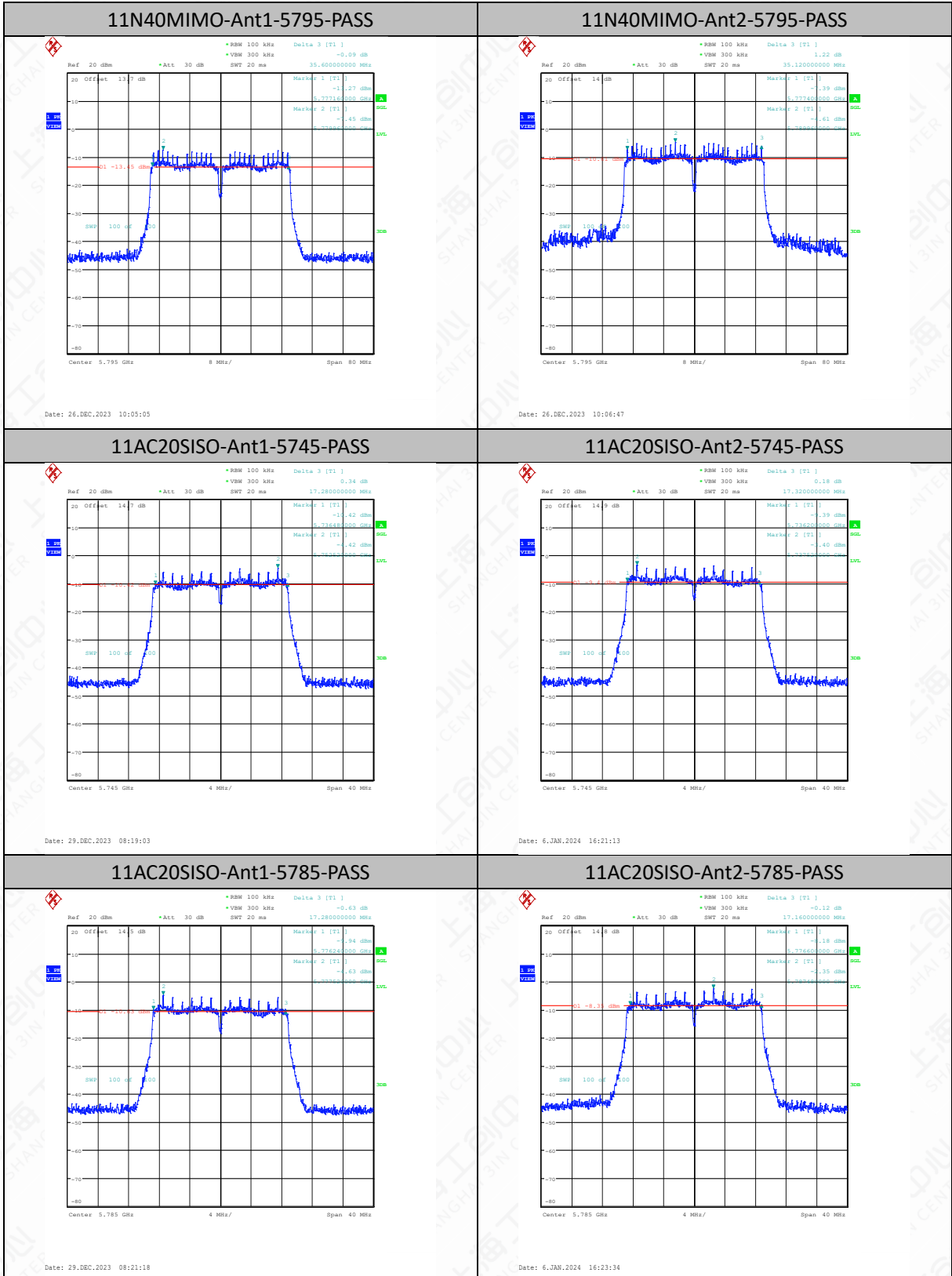


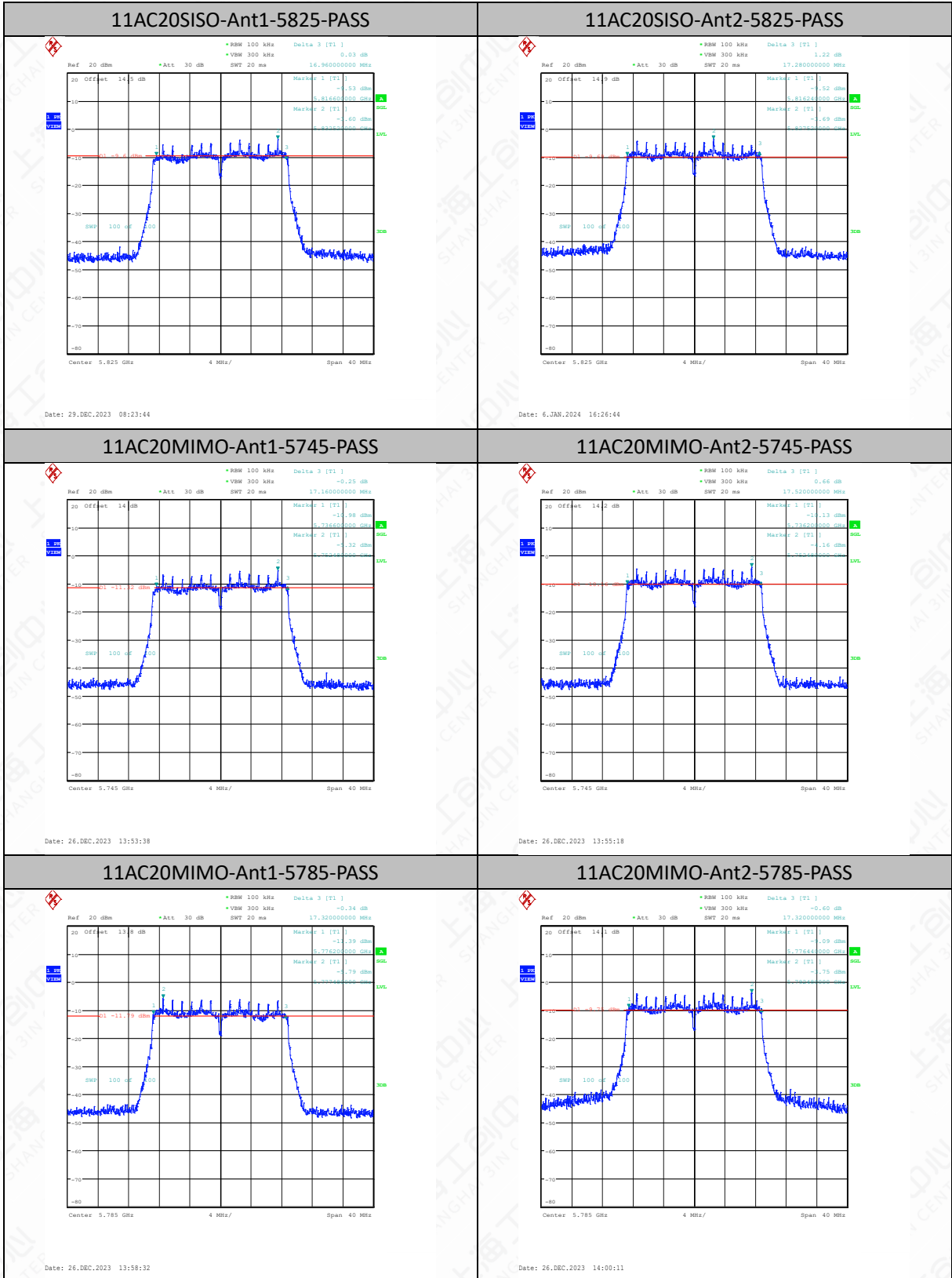


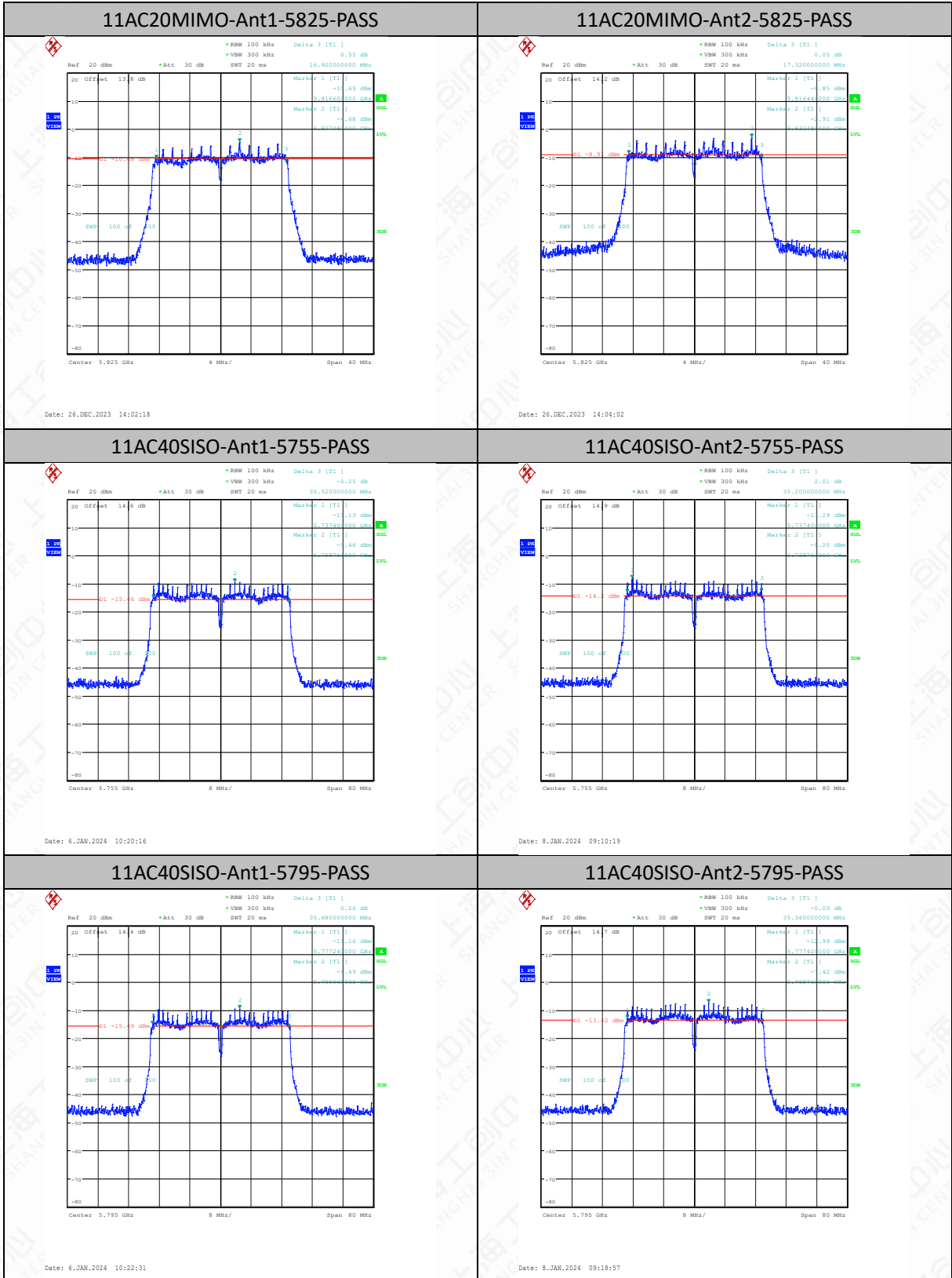


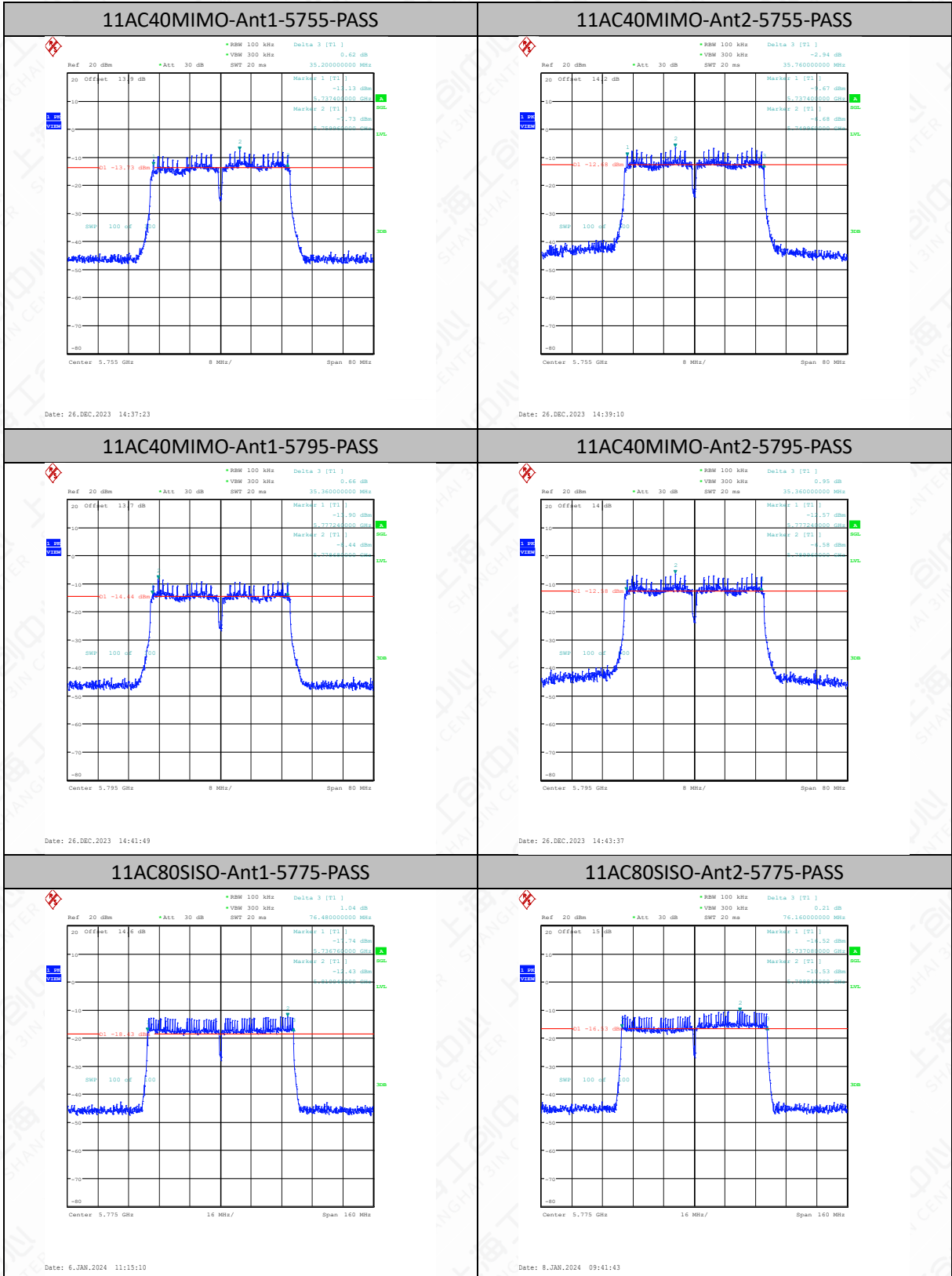


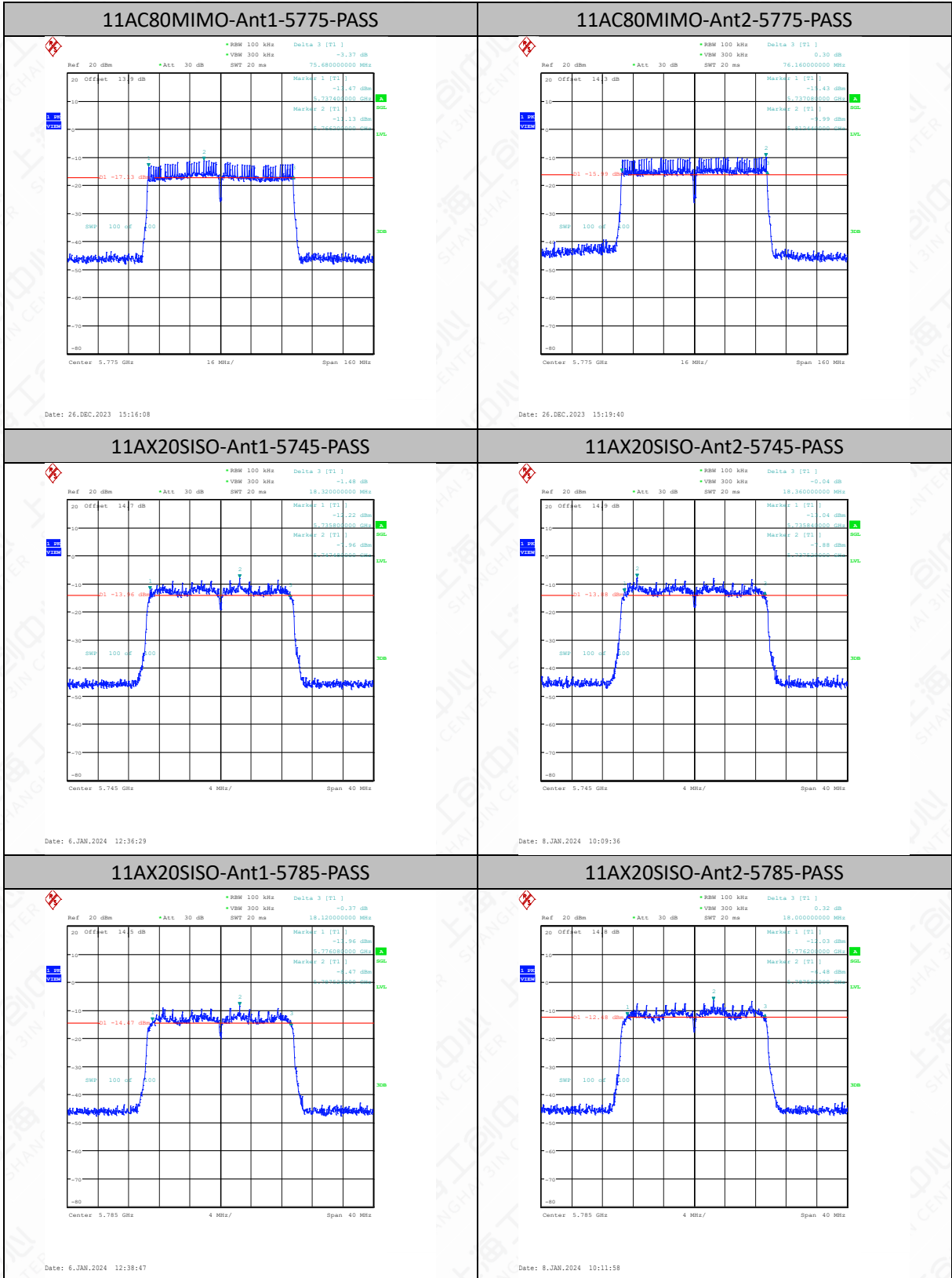


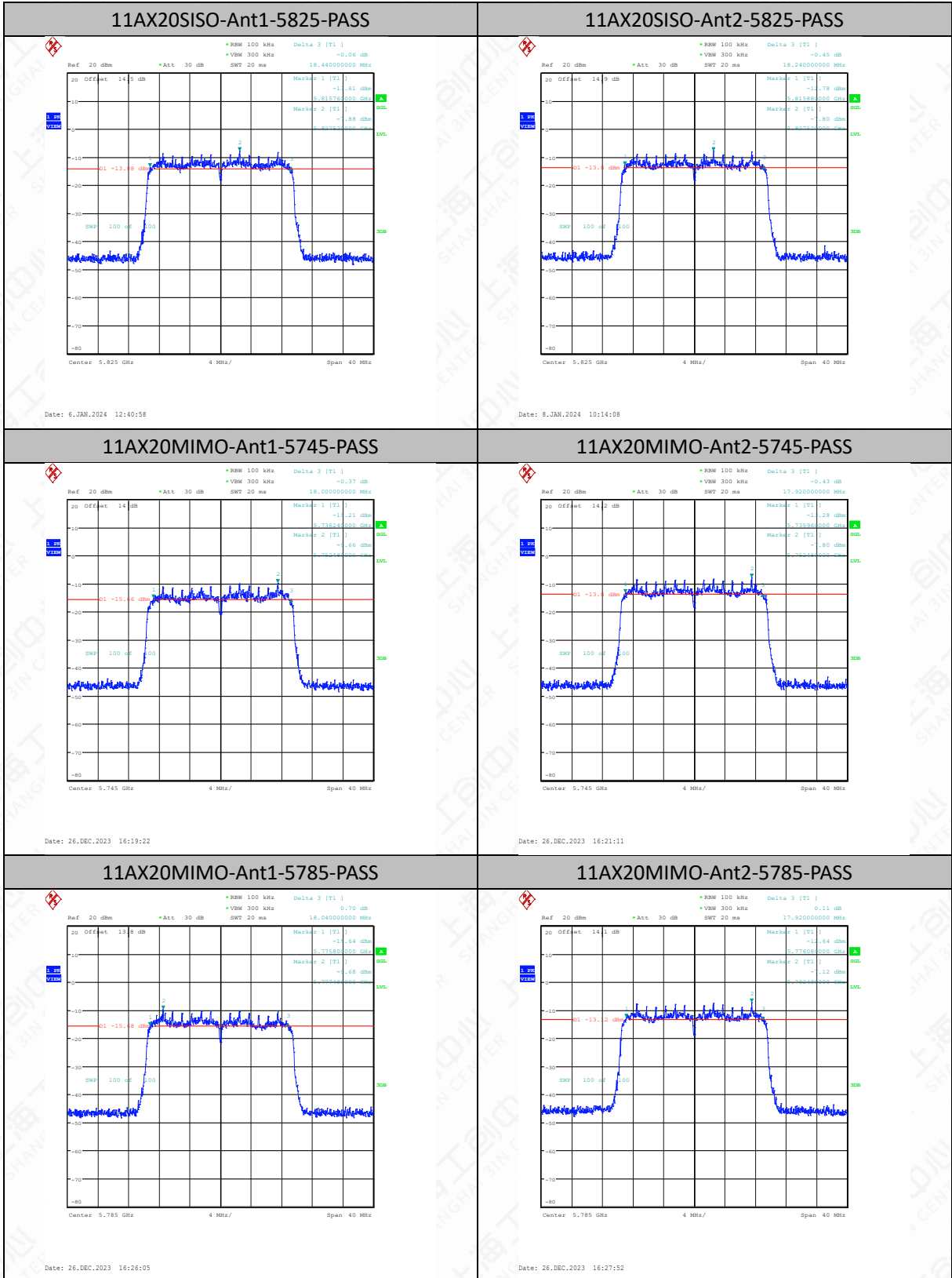


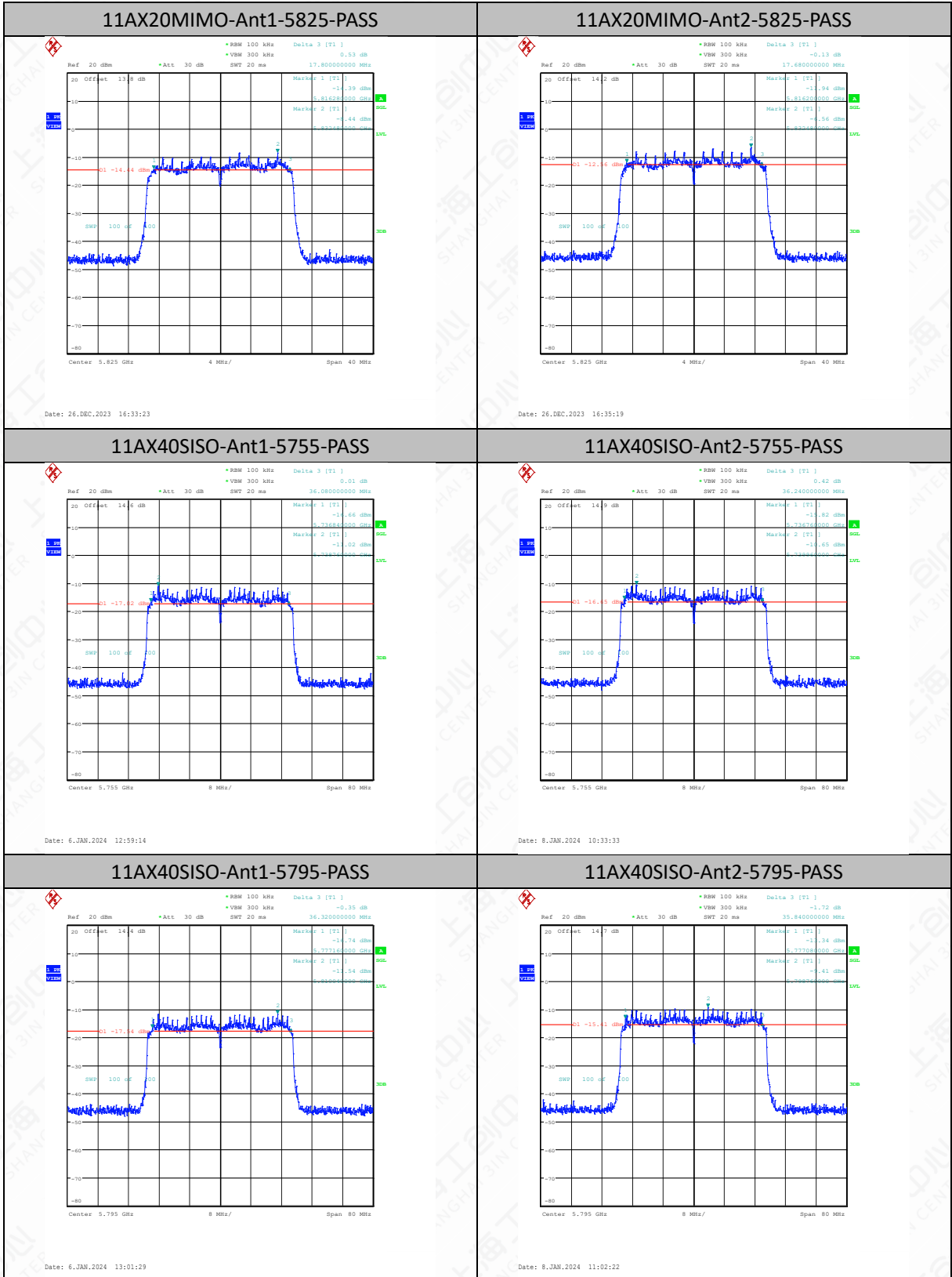


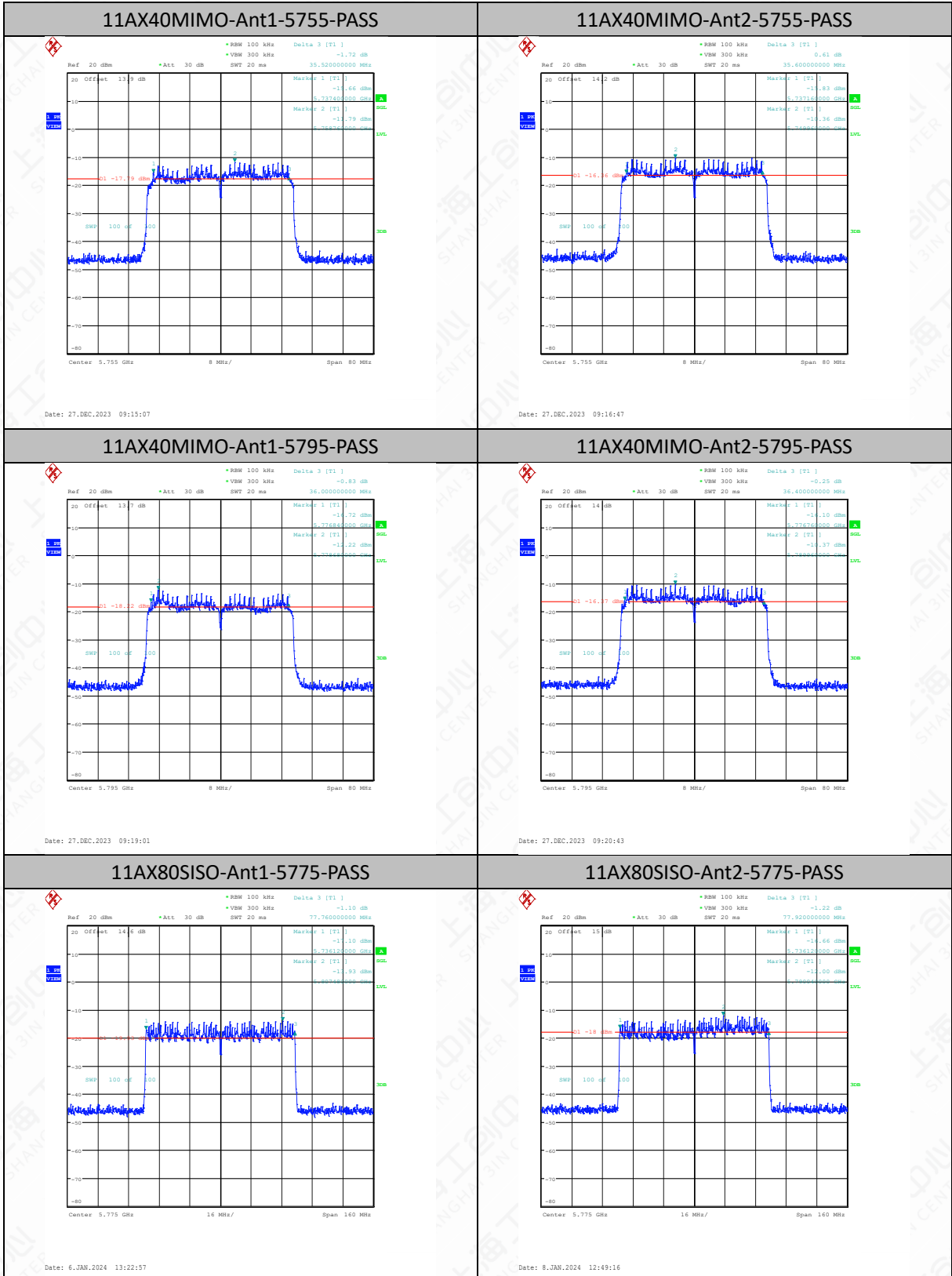


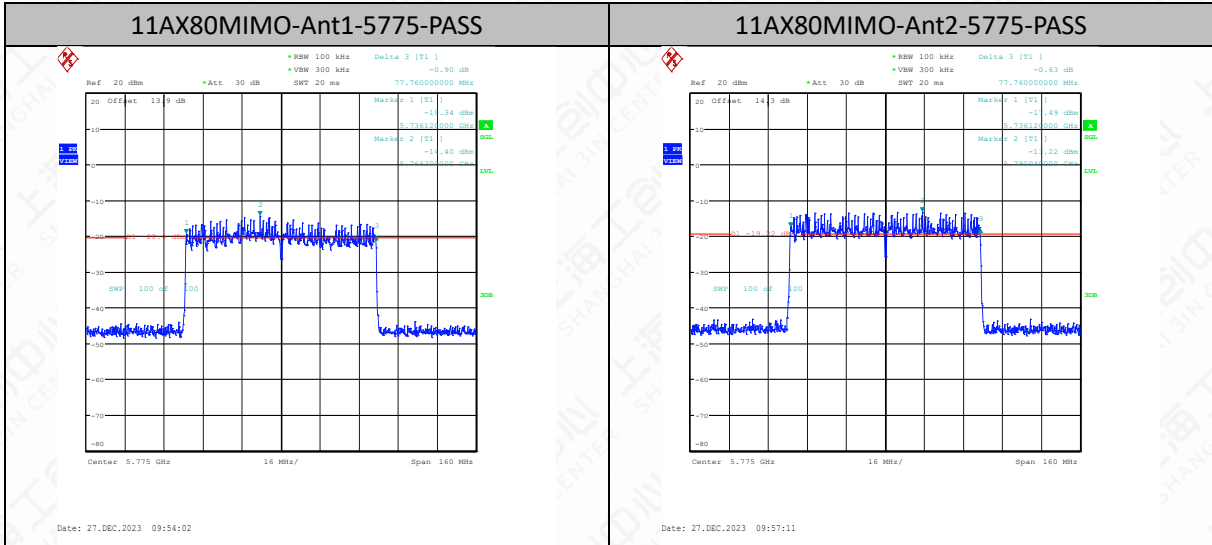










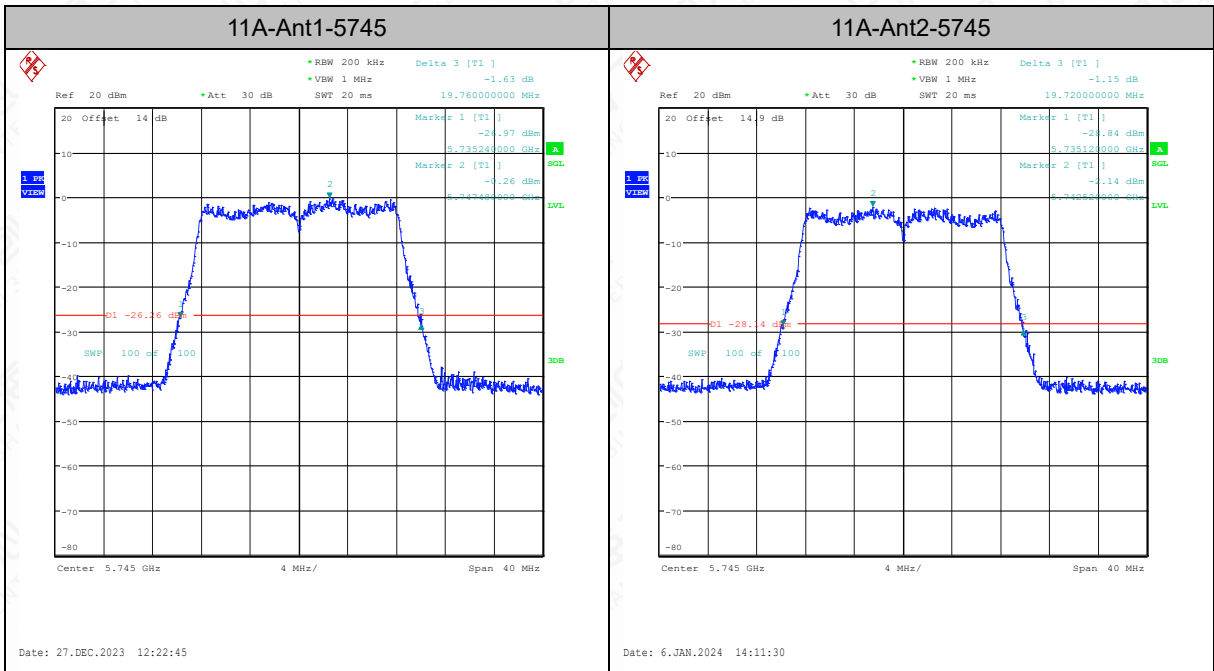


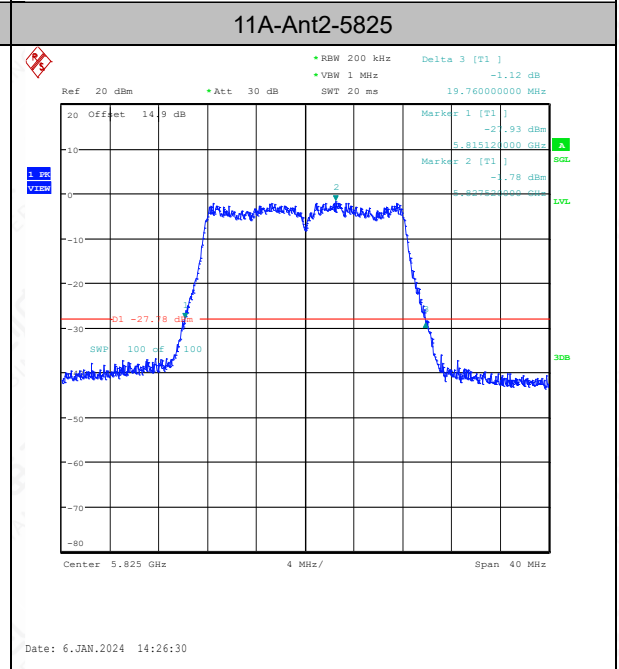
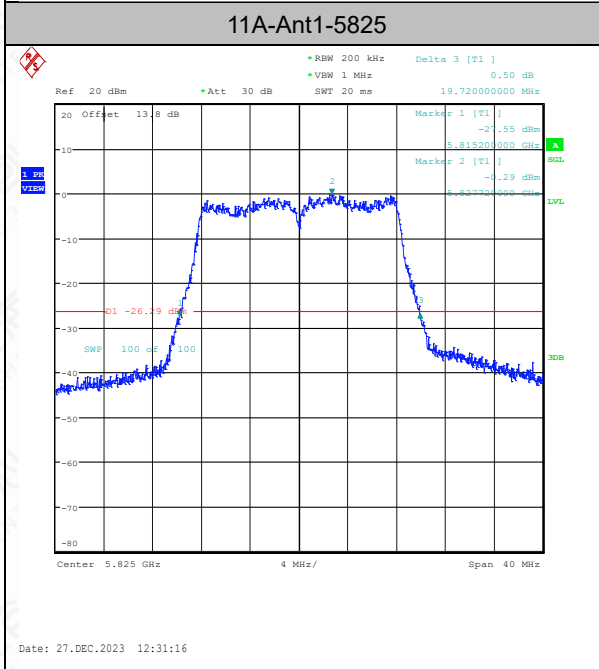
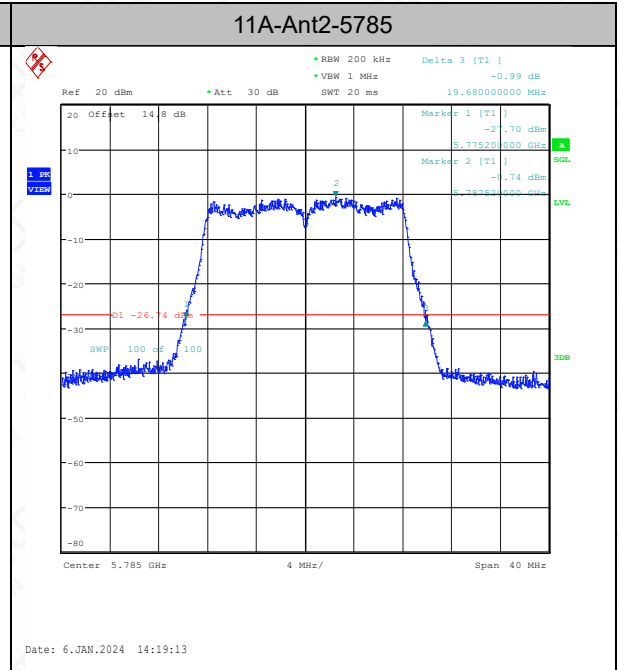
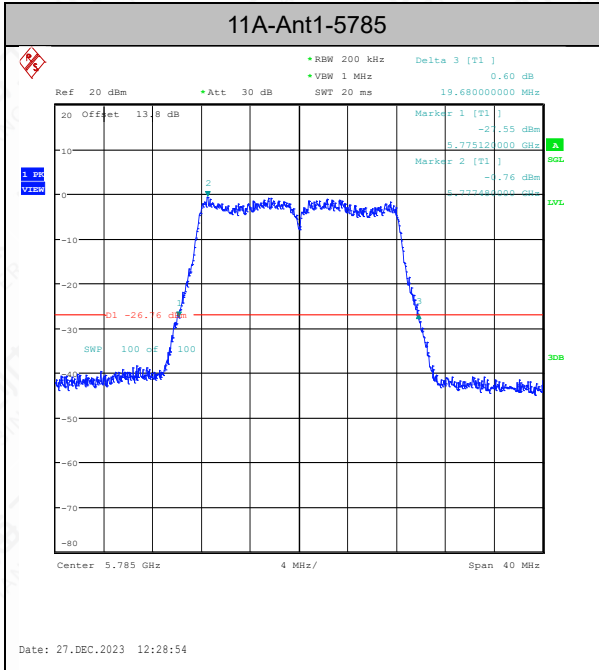
26dB Occupied Bandwidth Measurement Results

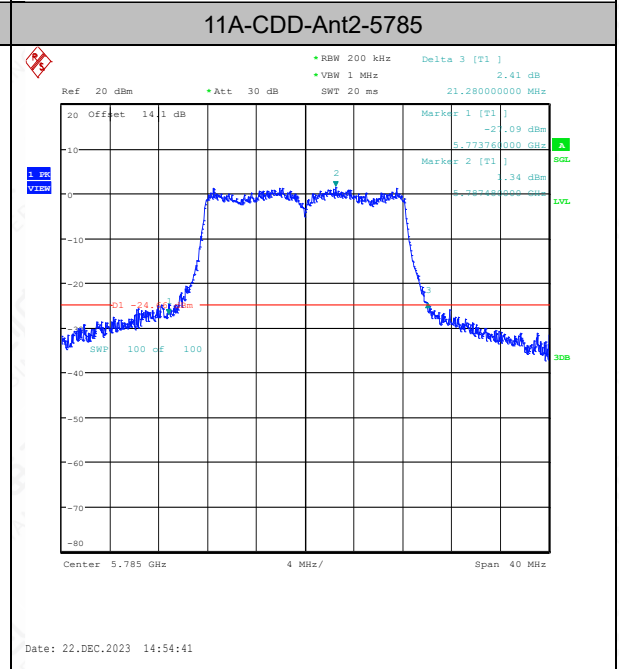
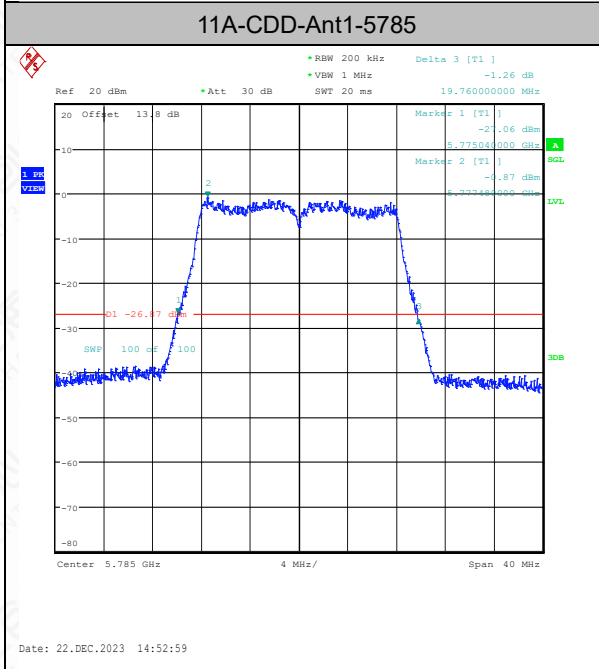
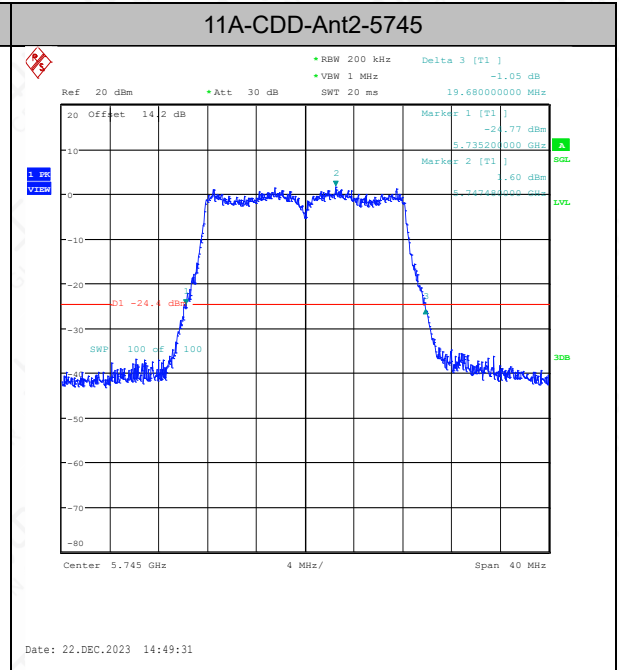
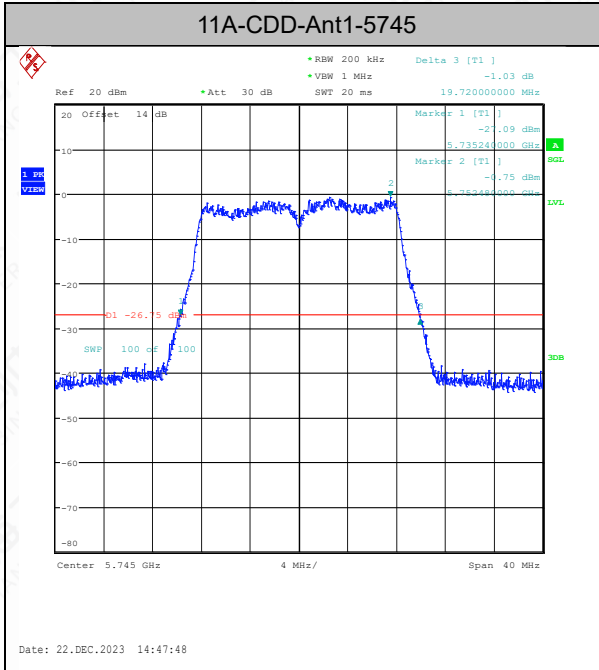
TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	19.76	5735.24	5755.00	---	---
11A	Ant2	5745	19.72	5735.12	5754.84	---	---
11A	Ant1	5785	19.68	5775.12	5794.80	---	---
11A	Ant2	5785	19.68	5775.20	5794.88	---	---
11A	Ant1	5825	19.72	5815.20	5834.92	---	---
11A	Ant2	5825	19.76	5815.12	5834.88	---	---
11A-CDD	Ant1	5745	19.72	5735.24	5754.96	---	---
11A-CDD	Ant2	5745	19.68	5735.20	5754.88	---	---
11A-CDD	Ant1	5785	19.76	5775.04	5794.80	---	---
11A-CDD	Ant2	5785	21.28	5773.76	5795.04	---	---
11A-CDD	Ant1	5825	19.64	5815.24	5834.88	---	---
11A-CDD	Ant2	5825	20.32	5814.68	5835.00	---	---
11N20SISO	Ant1	5745	20.00	5735.04	5755.04	---	---
11N20SISO	Ant2	5745	20.08	5735.00	5755.08	---	---
11N20SISO	Ant1	5785	20.00	5774.96	5794.96	---	---
11N20SISO	Ant2	5785	19.96	5775.08	5795.04	---	---
11N20SISO	Ant1	5825	19.96	5815.16	5835.12	---	---
11N20SISO	Ant2	5825	20.20	5814.92	5835.12	---	---
11N20MIMO	Ant1	5745	20.12	5734.96	5755.08	---	---
11N20MIMO	Ant2	5745	20.16	5735.00	5755.16	---	---
11N20MIMO	Ant1	5785	20.04	5774.92	5794.96	---	---
11N20MIMO	Ant2	5785	22.52	5772.56	5795.08	---	---
11N20MIMO	Ant1	5825	19.92	5815.04	5834.96	---	---
11N20MIMO	Ant2	5825	20.24	5814.92	5835.16	---	---
11N40SISO	Ant1	5755	40.96	5734.44	5775.40	---	---

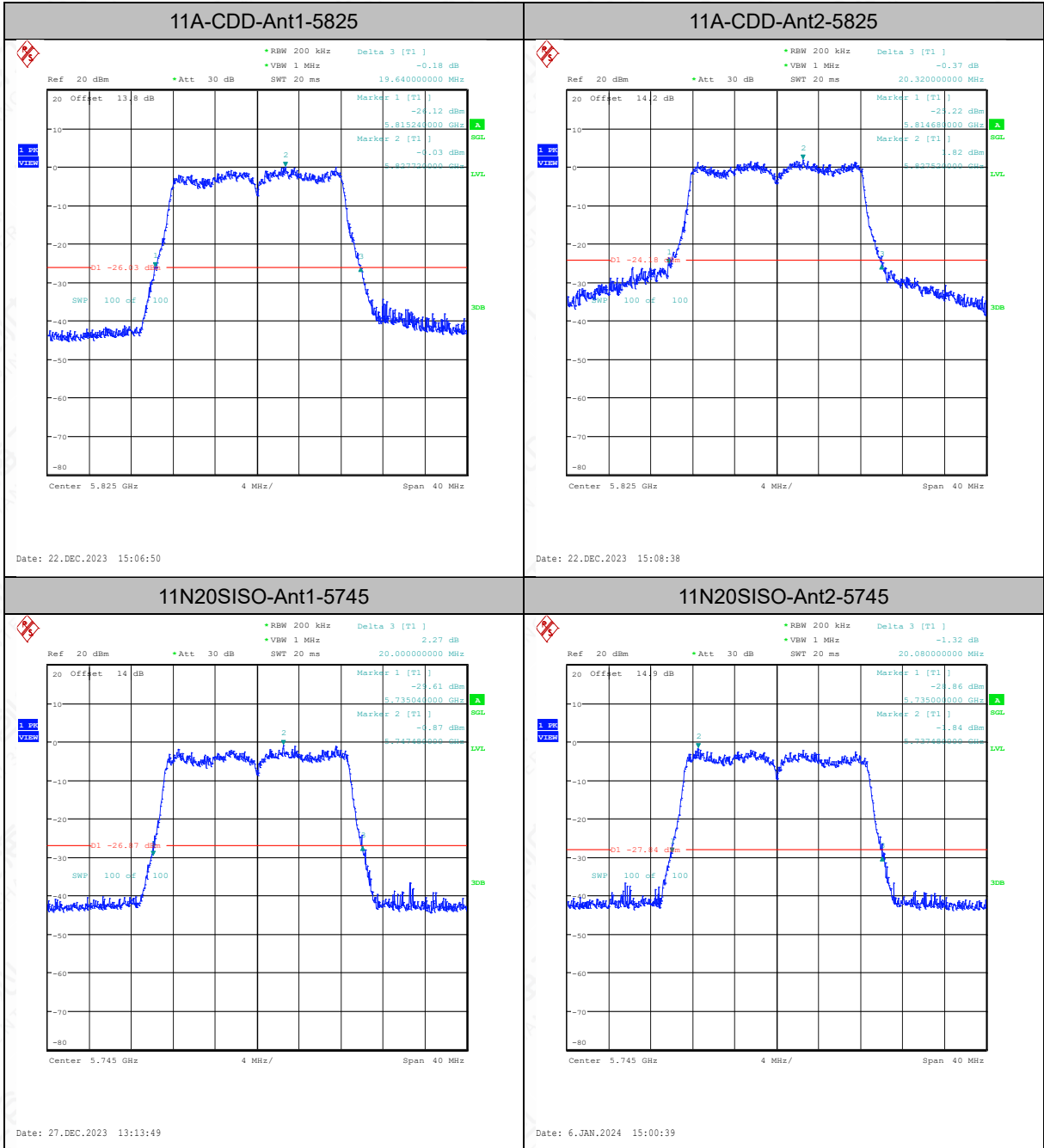
11N40SISO	Ant2	5755	41.52	5734.12	5775.64	---	---
11N40SISO	Ant1	5795	41.28	5774.44	5815.72	---	---
11N40SISO	Ant2	5795	40.96	5774.60	5815.56	---	---
11N40MIMO	Ant1	5755	40.72	5734.68	5775.40	---	---
11N40MIMO	Ant2	5755	46.64	5728.60	5775.24	---	---
11N40MIMO	Ant1	5795	41.36	5774.28	5815.64	---	---
11N40MIMO	Ant2	5795	46.72	5768.68	5815.40	---	---
11AC20SISO	Ant1	5745	20.08	5735.00	5755.08	---	---
11AC20SISO	Ant2	5745	20.04	5734.96	5755.00	---	---
11AC20SISO	Ant1	5785	20.08	5774.96	5795.04	---	---
11AC20SISO	Ant2	5785	20.00	5775.12	5795.12	---	---
11AC20SISO	Ant1	5825	20.04	5815.12	5835.16	---	---
11AC20SISO	Ant2	5825	20.12	5814.96	5835.08	---	---
11AC20MIMO	Ant1	5745	19.96	5735.08	5755.04	---	---
11AC20MIMO	Ant2	5745	20.08	5735.00	5755.08	---	---
11AC20MIMO	Ant1	5785	20.04	5774.92	5794.96	---	---
11AC20MIMO	Ant2	5785	20.12	5774.96	5795.08	---	---
11AC20MIMO	Ant1	5825	19.92	5815.08	5835.00	---	---
11AC20MIMO	Ant2	5825	20.00	5815.04	5835.04	---	---
11AC40SISO	Ant1	5755	40.96	5734.52	5775.48	---	---
11AC40SISO	Ant2	5755	41.28	5734.44	5775.72	---	---
11AC40SISO	Ant1	5795	40.80	5774.68	5815.48	---	---
11AC40SISO	Ant2	5795	40.56	5774.84	5815.40	---	---
11AC40MIMO	Ant1	5755	40.88	5734.68	5775.56	---	---
11AC40MIMO	Ant2	5755	40.64	5734.68	5775.32	---	---
11AC40MIMO	Ant1	5795	41.68	5774.20	5815.88	---	---
11AC40MIMO	Ant2	5795	40.64	5774.76	5815.40	---	---
11AC80SISO	Ant1	5775	82.72	5733.56	5816.28	---	---
11AC80SISO	Ant2	5775	82.72	5733.72	5816.44	---	---
11AC80MIMO	Ant1	5775	82.40	5733.88	5816.28	---	---
11AC80MIMO	Ant2	5775	82.24	5733.88	5816.12	---	---
11AX20SISO	Ant1	5745	20.52	5734.76	5755.28	---	---
11AX20SISO	Ant2	5745	20.56	5734.60	5755.16	---	---
11AX20SISO	Ant1	5785	20.56	5774.76	5795.32	---	---
11AX20SISO	Ant2	5785	20.52	5774.76	5795.28	---	---
11AX20SISO	Ant1	5825	20.56	5814.72	5835.28	---	---
11AX20SISO	Ant2	5825	20.48	5814.80	5835.28	---	---
11AX20MIMO	Ant1	5745	20.48	5734.88	5755.36	---	---
11AX20MIMO	Ant2	5745	20.32	5734.88	5755.20	---	---
11AX20MIMO	Ant1	5785	20.56	5774.76	5795.32	---	---
11AX20MIMO	Ant2	5785	20.52	5774.68	5795.20	---	---
11AX20MIMO	Ant1	5825	20.44	5814.84	5835.28	---	---

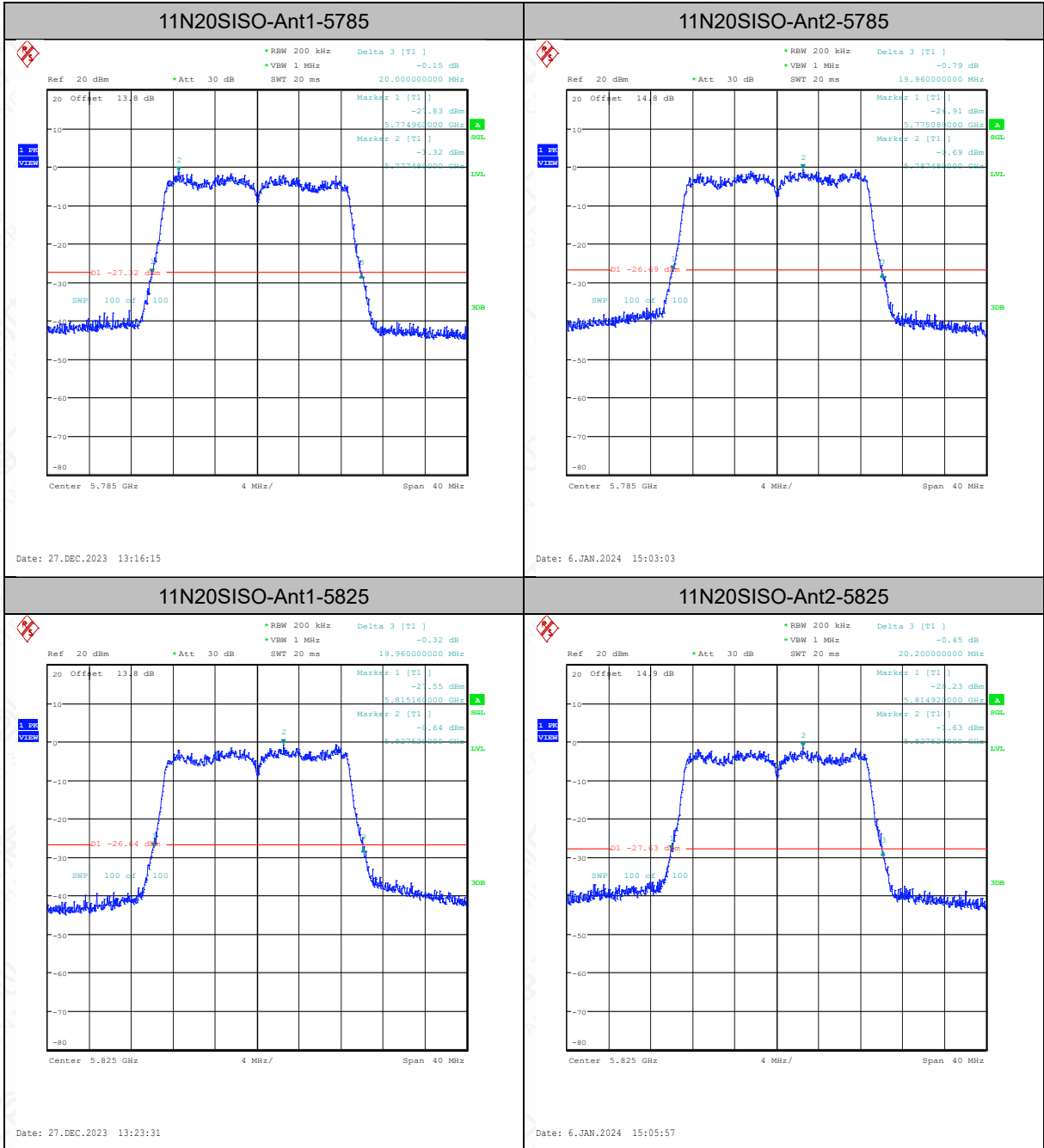
11AX20MIMO	Ant2	5825	20.44	5814.84	5835.28	---	---
11AX40SISO	Ant1	5755	41.12	5734.52	5775.64	---	---
11AX40SISO	Ant2	5755	40.88	5734.60	5775.48	---	---
11AX40SISO	Ant1	5795	40.80	5774.68	5815.48	---	---
11AX40SISO	Ant2	5795	40.40	5774.84	5815.24	---	---
11AX40MIMO	Ant1	5755	40.80	5734.68	5775.48	---	---
11AX40MIMO	Ant2	5755	41.04	5734.44	5775.48	---	---
11AX40MIMO	Ant1	5795	41.12	5774.28	5815.40	---	---
11AX40MIMO	Ant2	5795	40.72	5774.52	5815.24	---	---
11AX80SISO	Ant1	5775	81.76	5734.20	5815.96	---	---
11AX80SISO	Ant2	5775	81.60	5734.36	5815.96	---	---
11AX80MIMO	Ant1	5775	81.28	5734.36	5815.64	---	---
11AX80MIMO	Ant2	5775	81.60	5734.20	5815.80	---	---

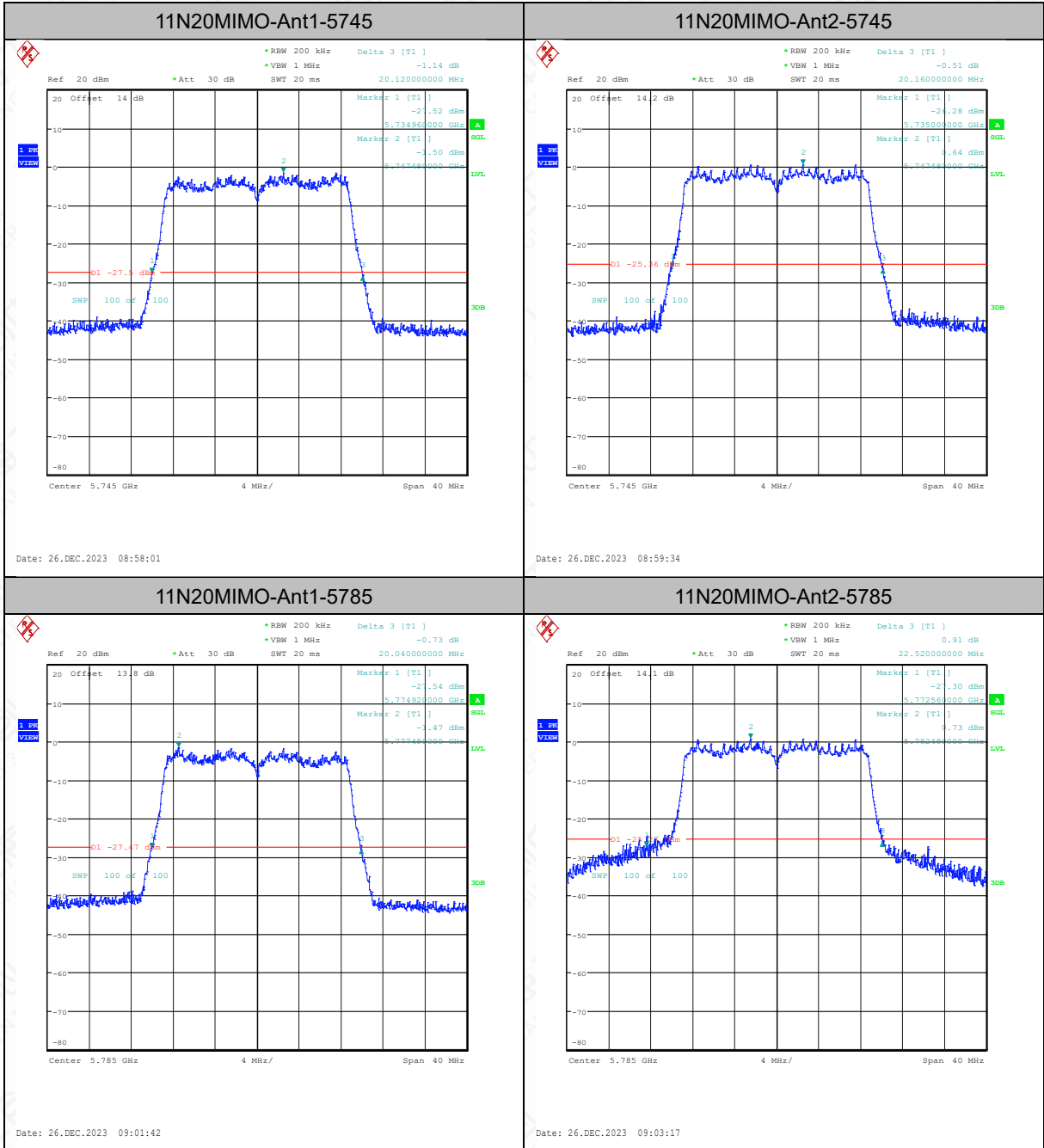


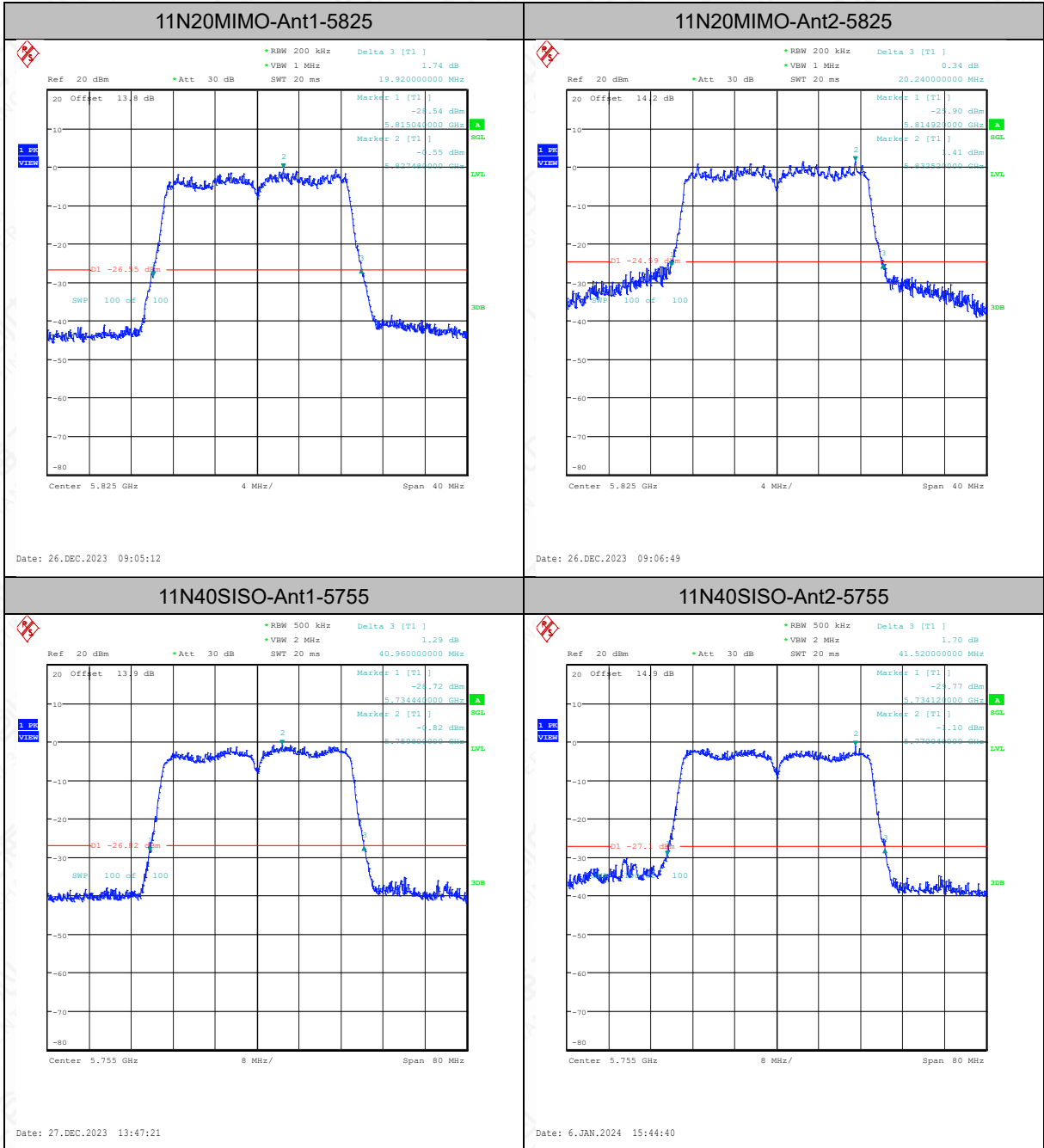


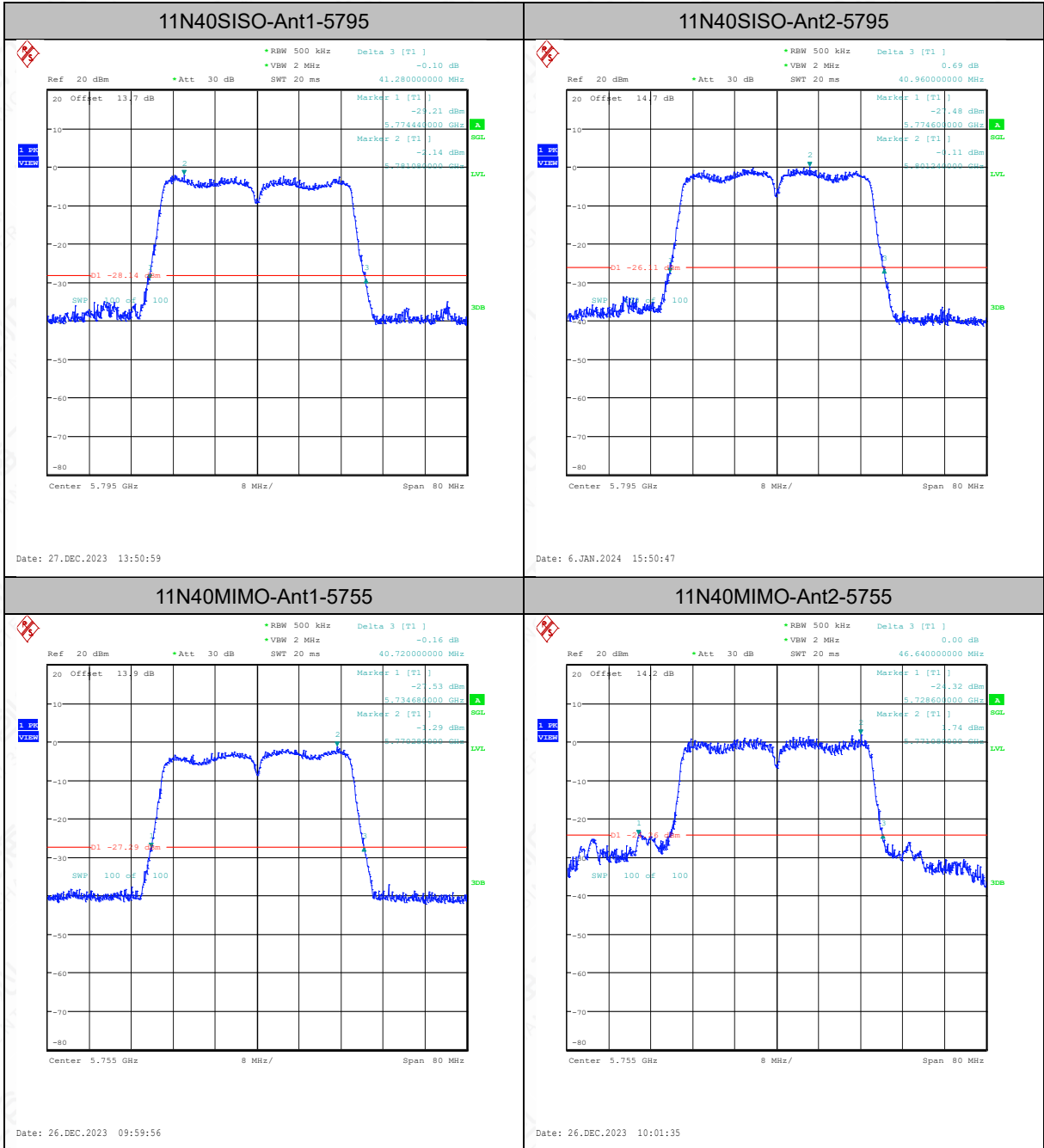


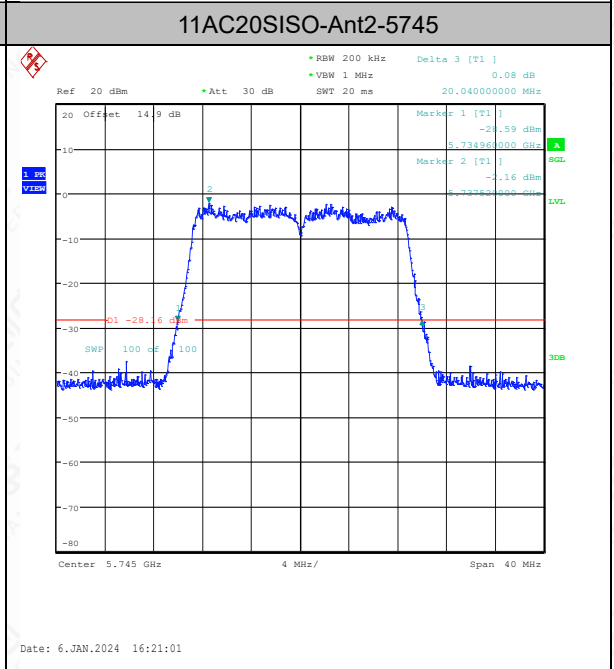
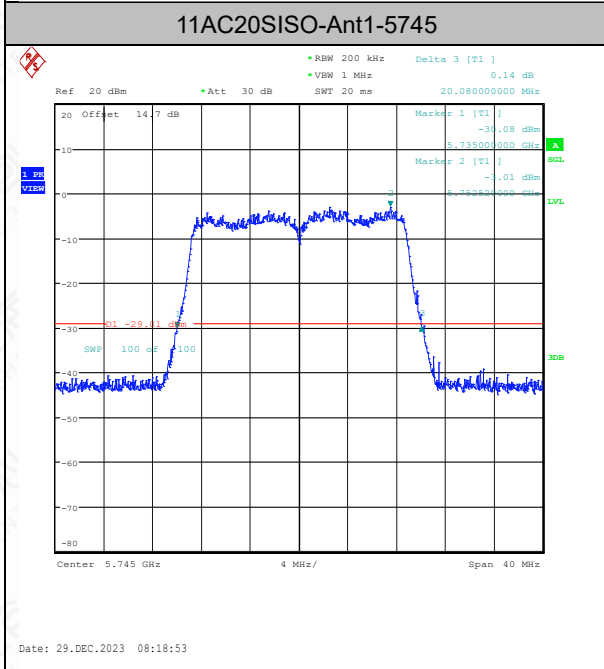
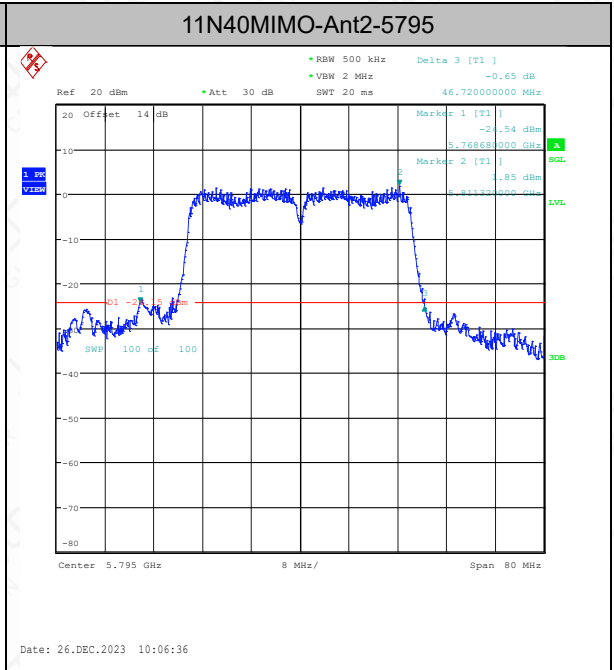
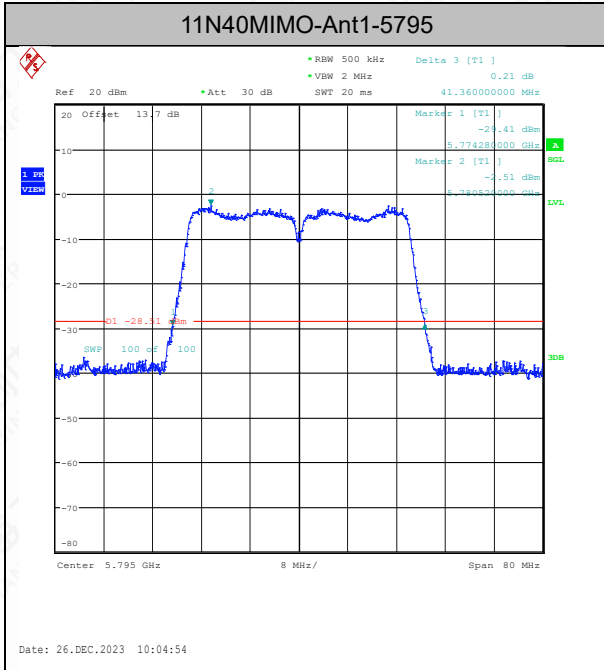


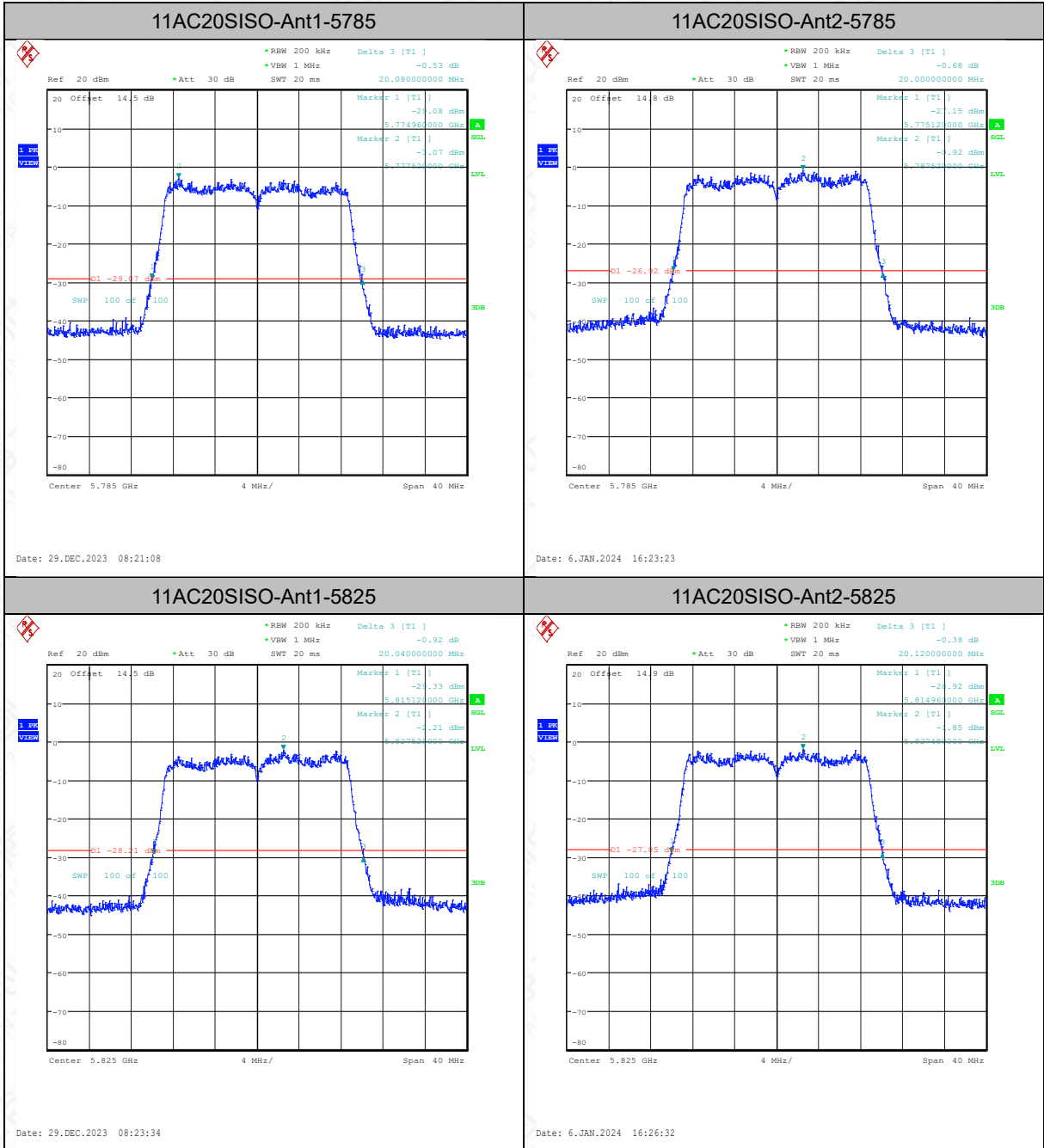


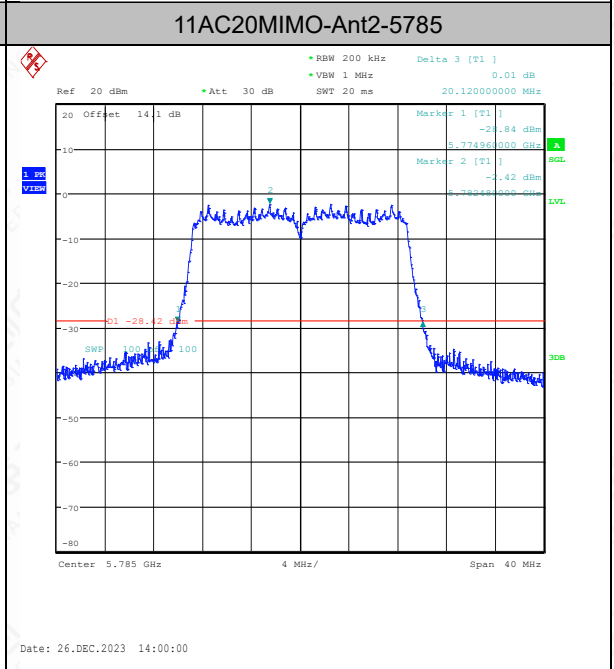
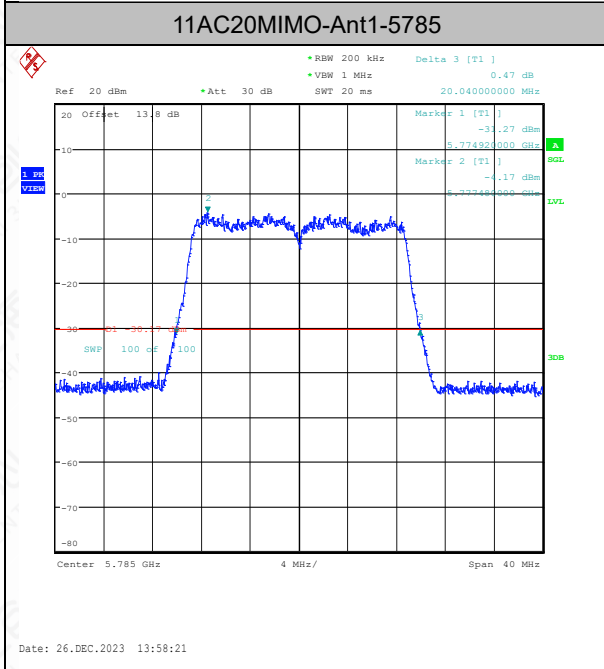
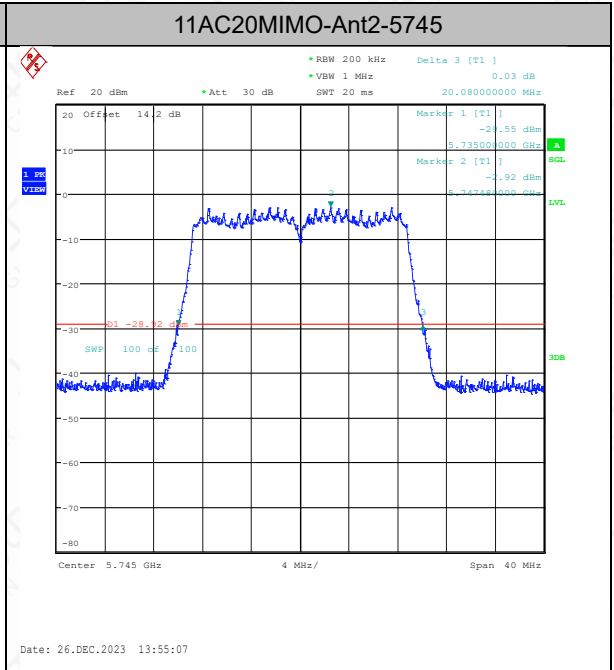
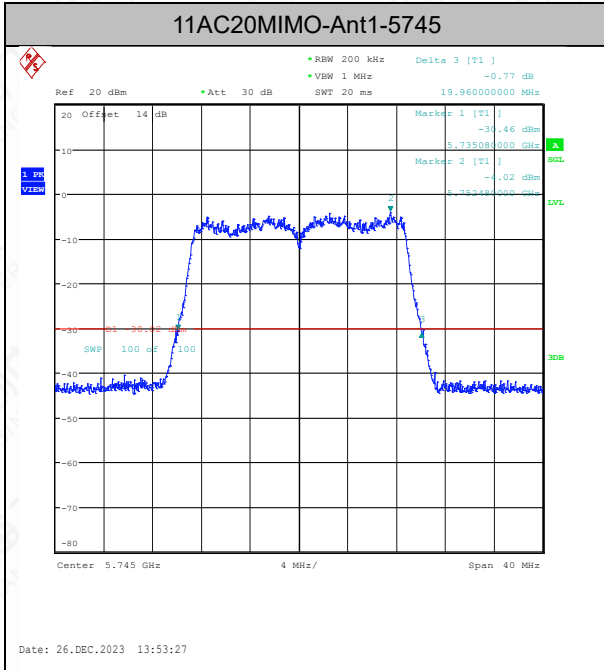


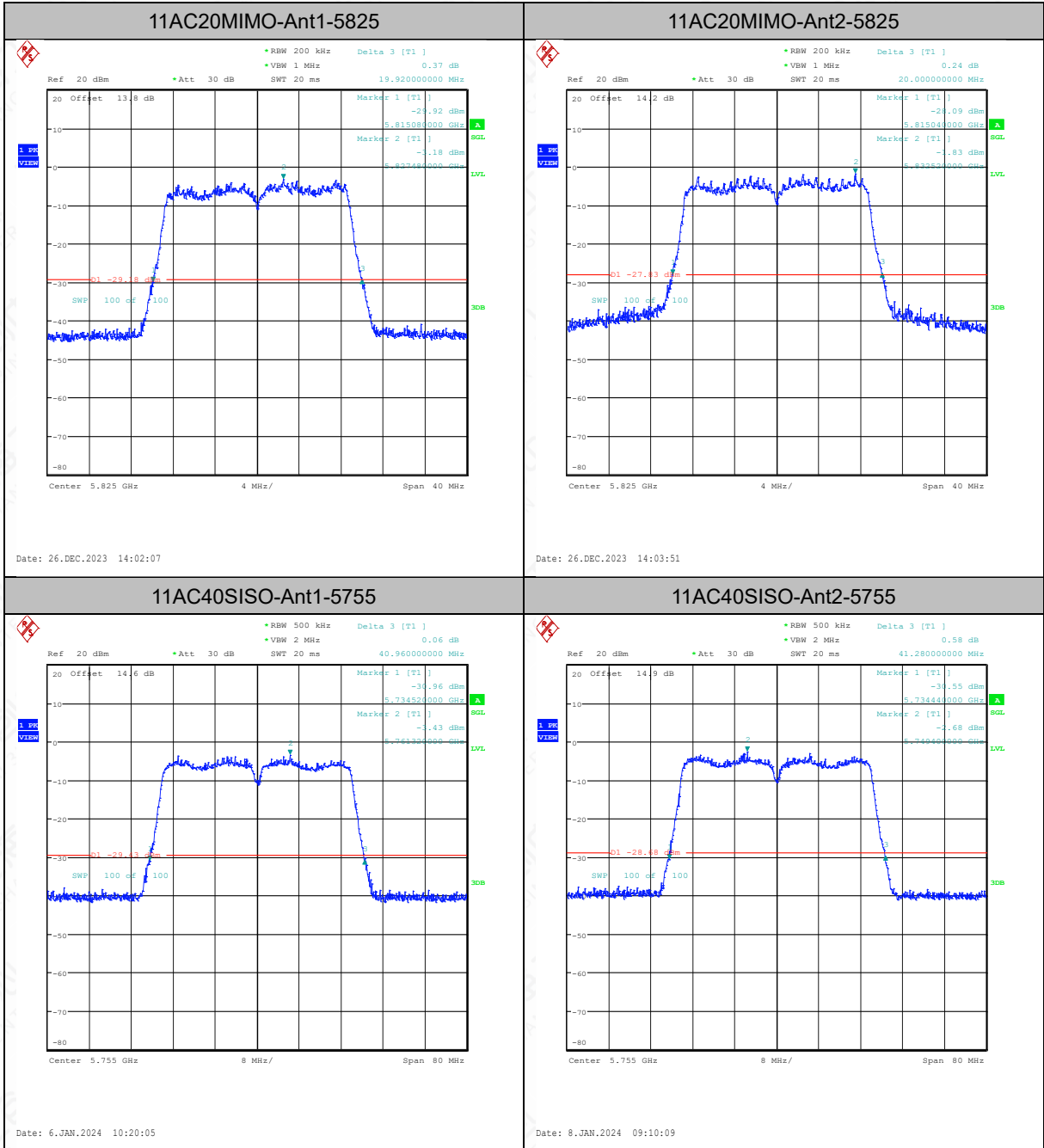


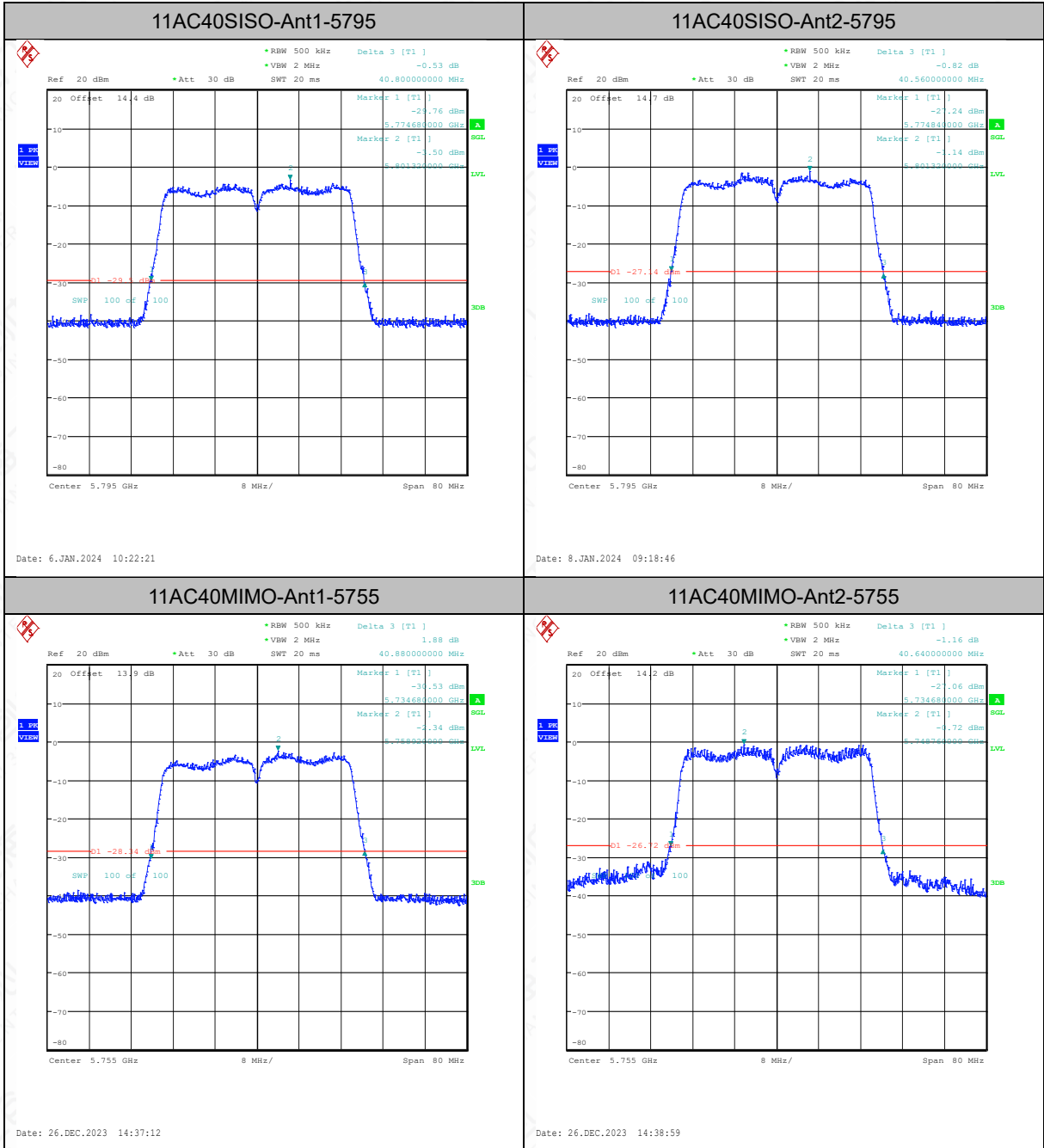


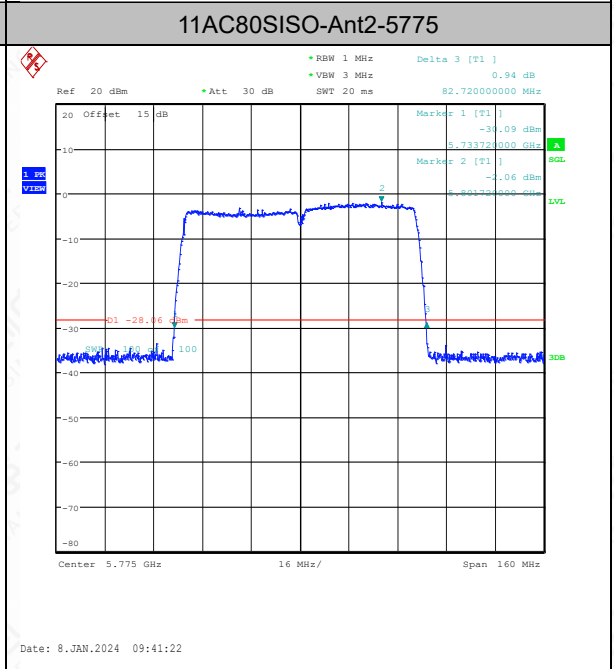
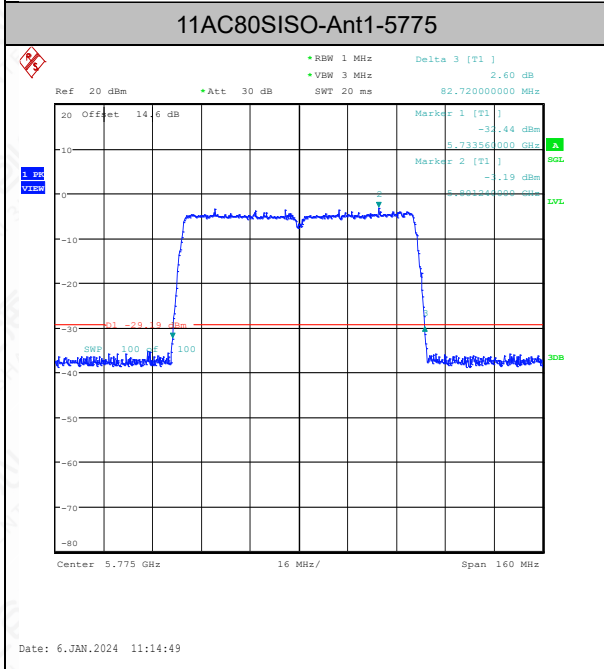
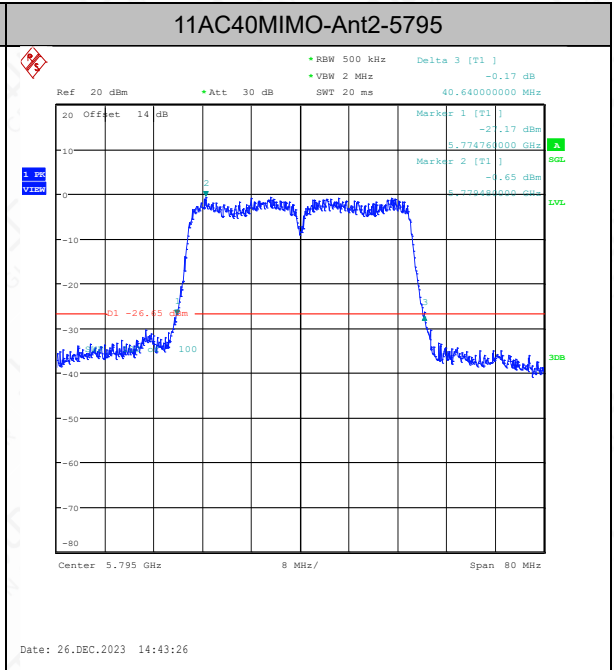
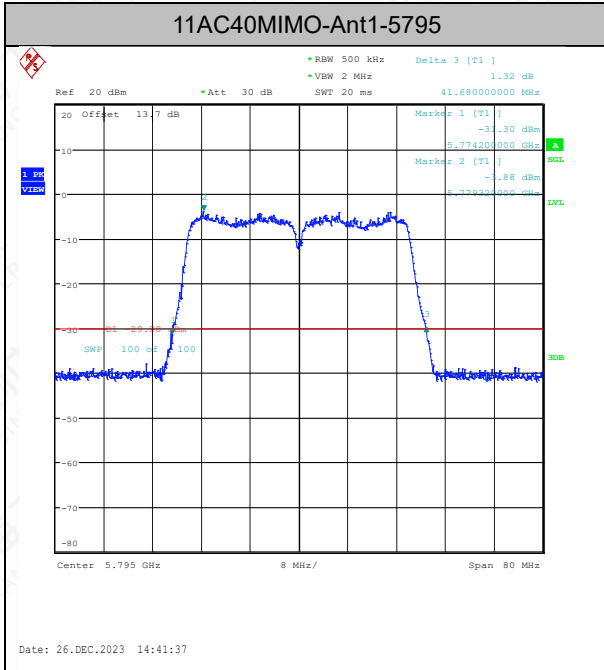


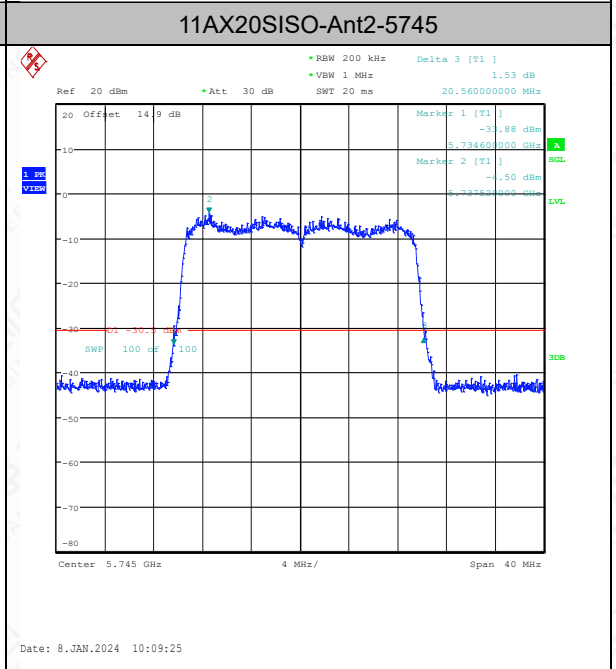
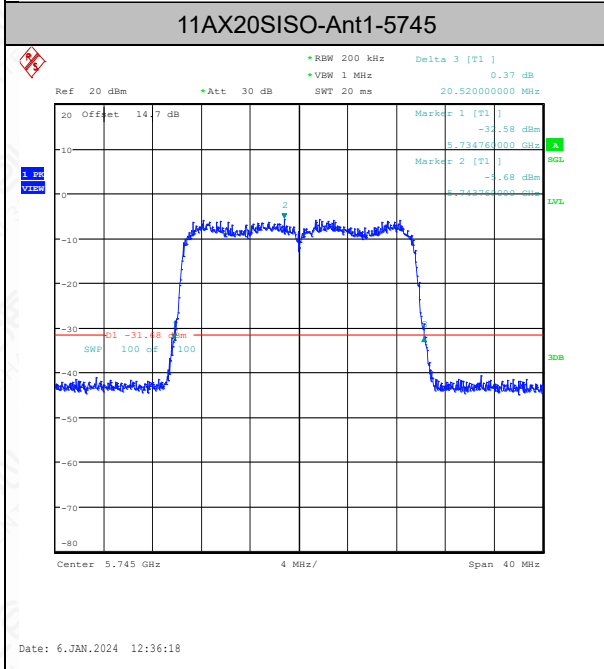
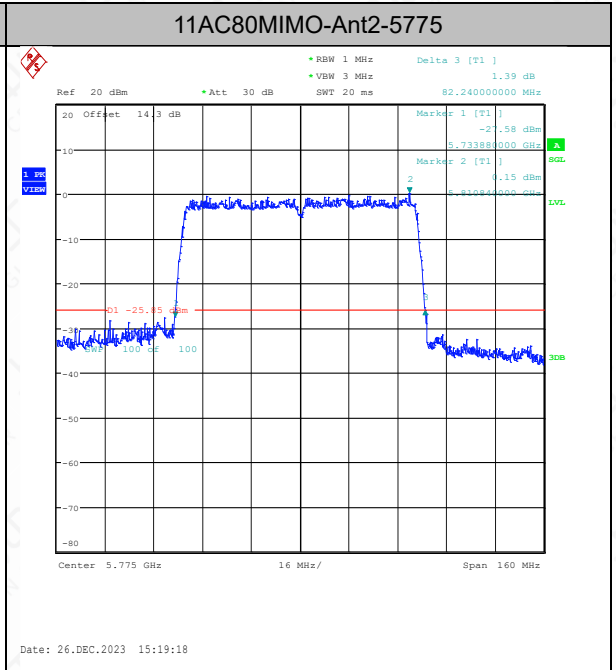
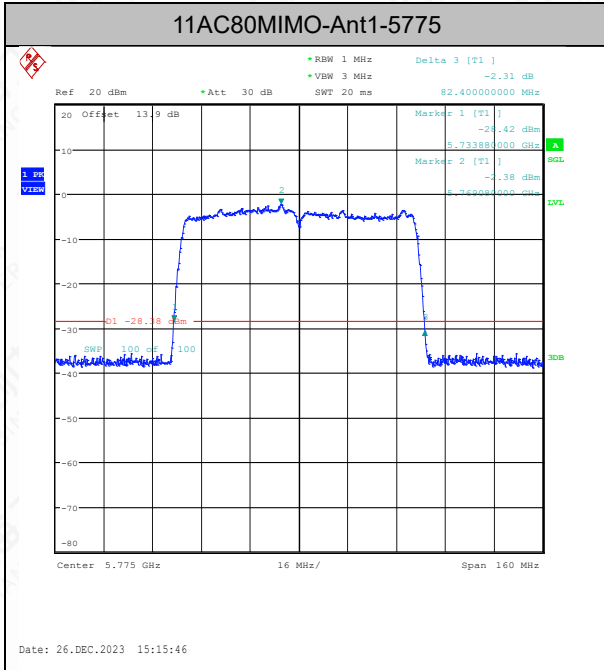


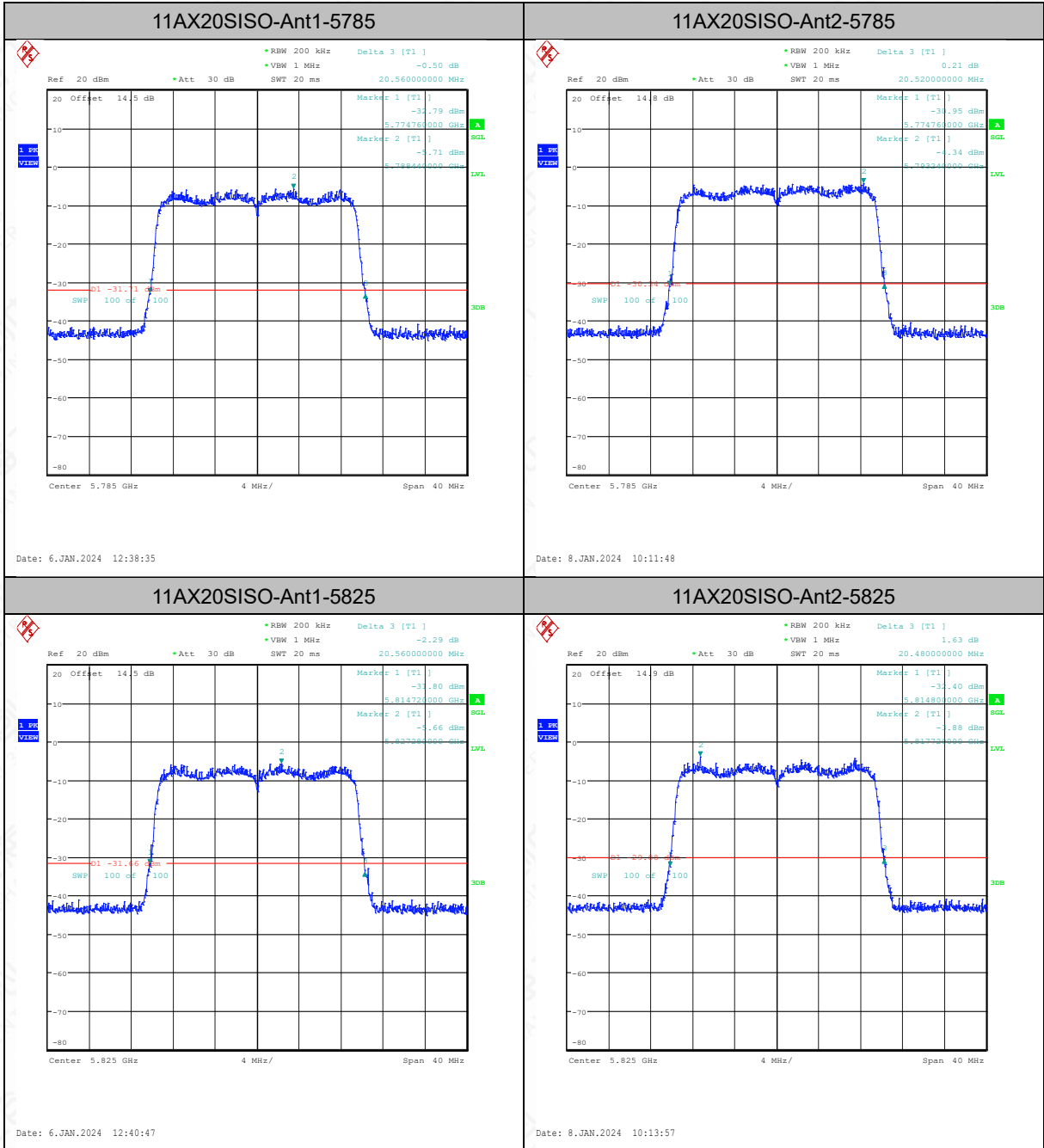


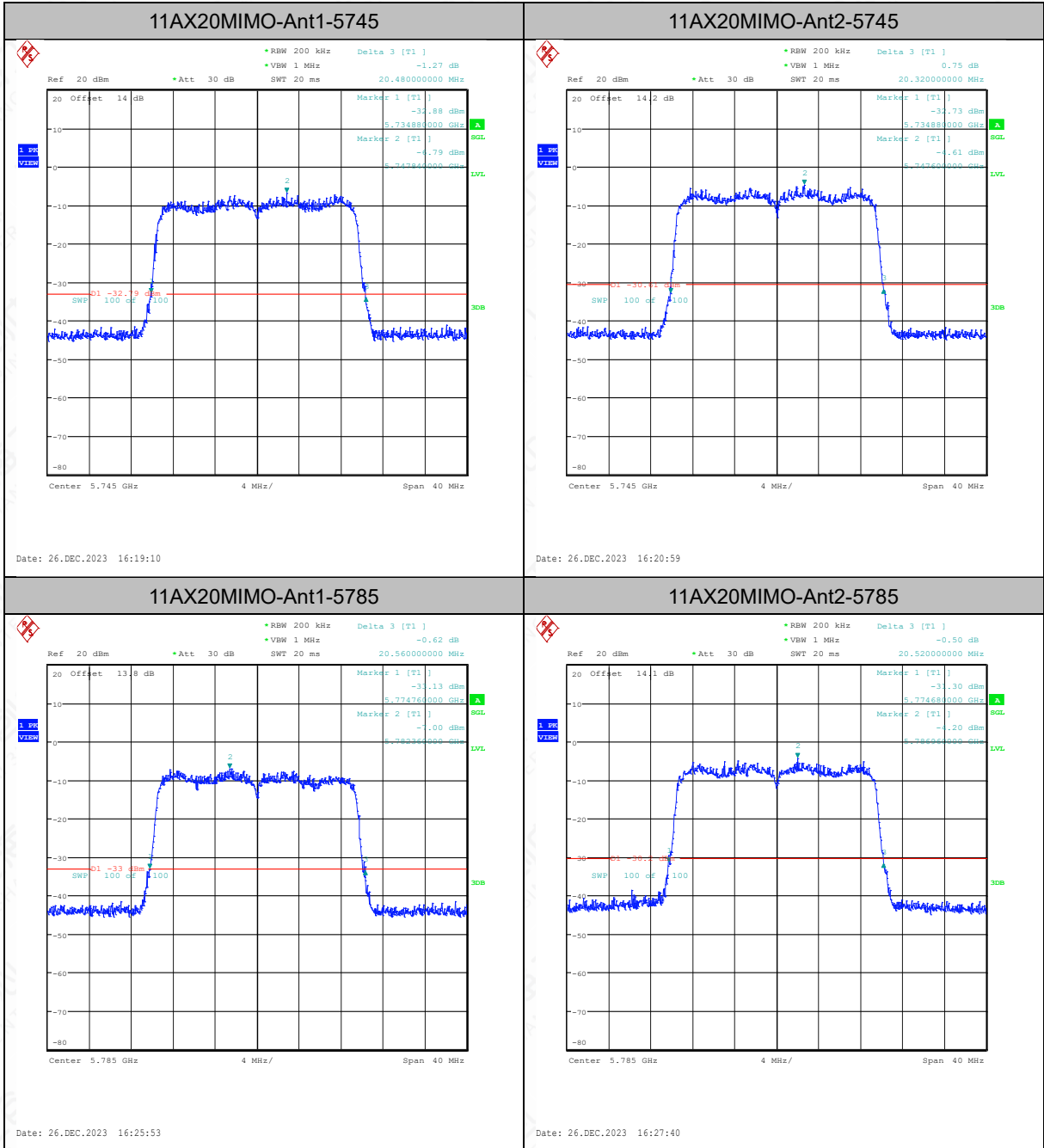


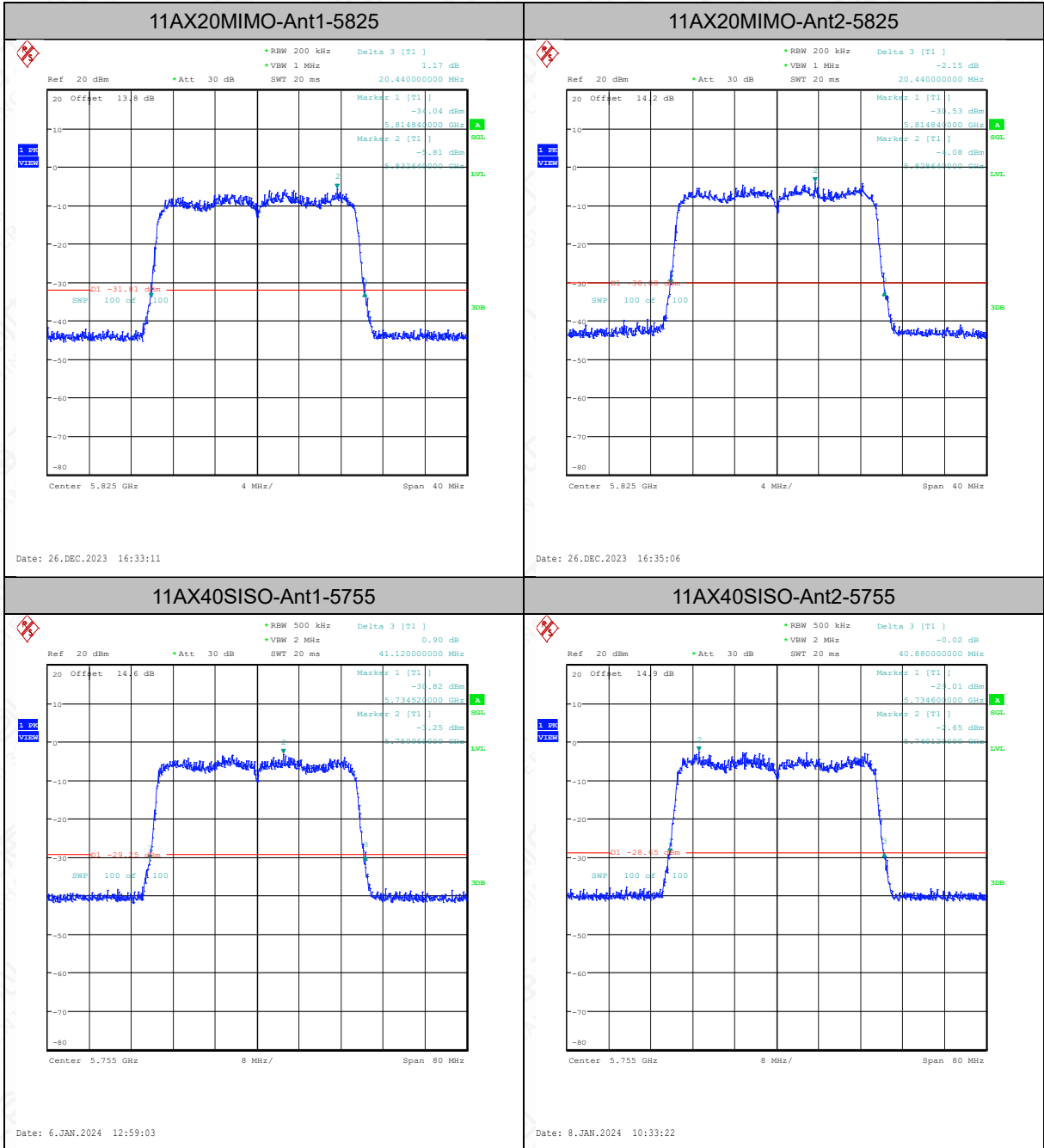


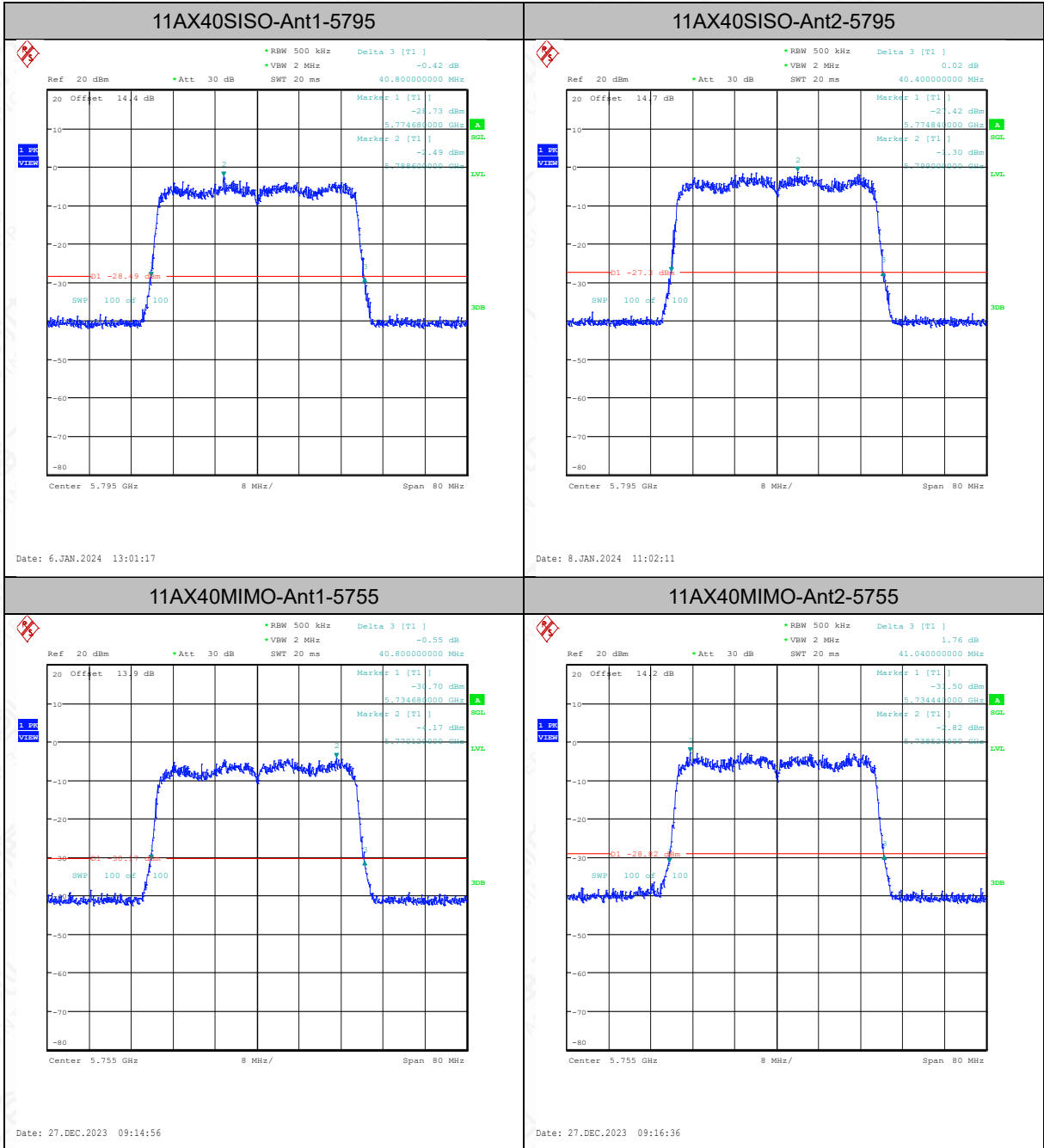


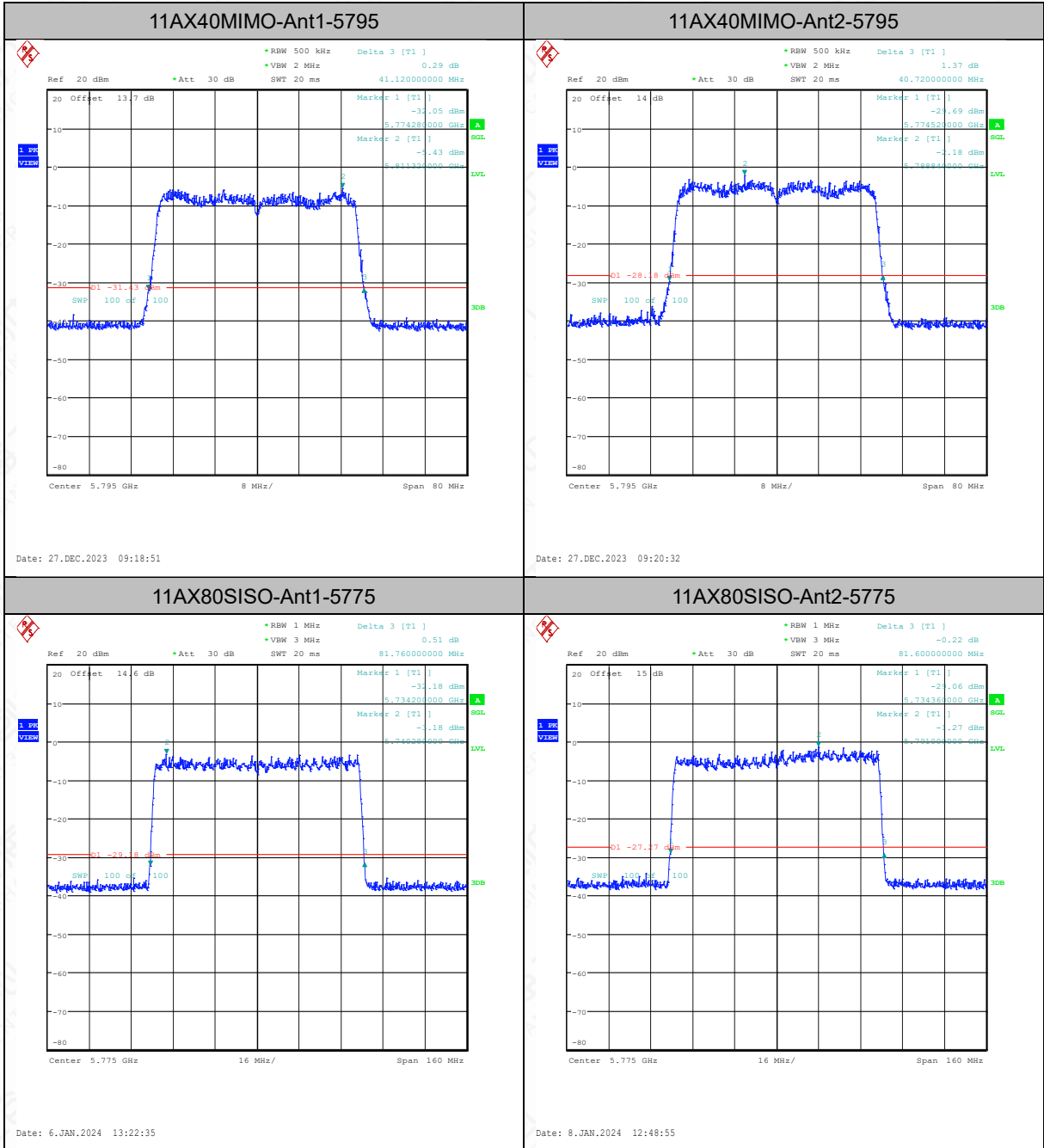


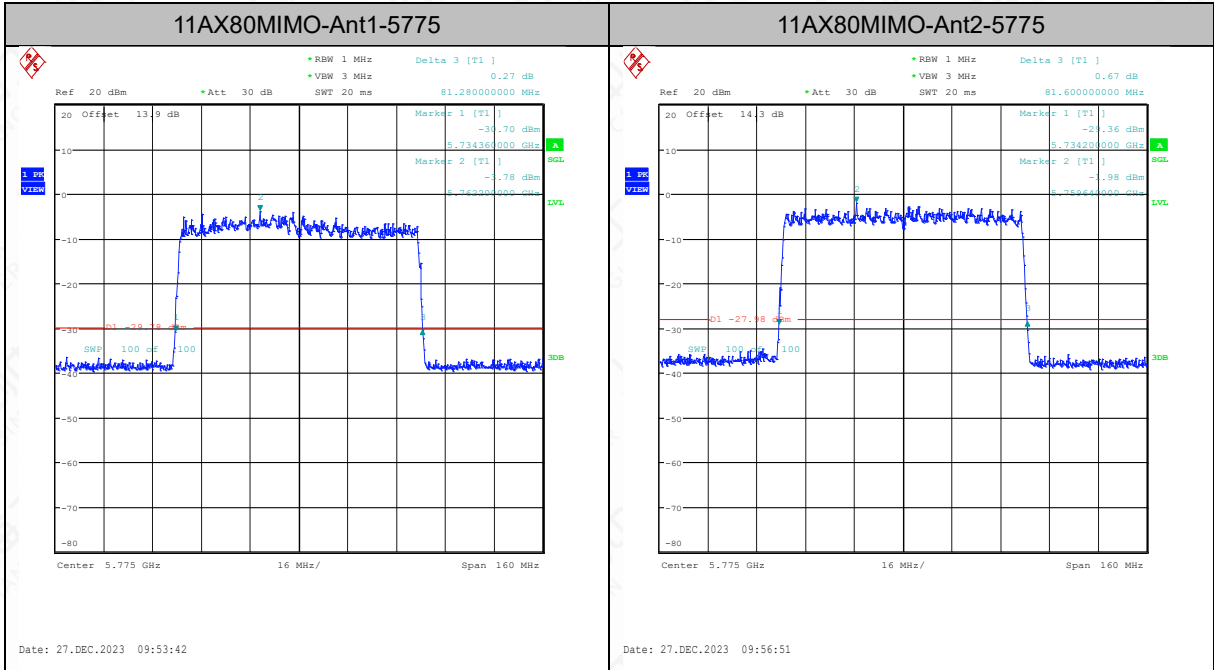












6.5 99% Occupied Bandwidth

6.5.1 Measurement Limit

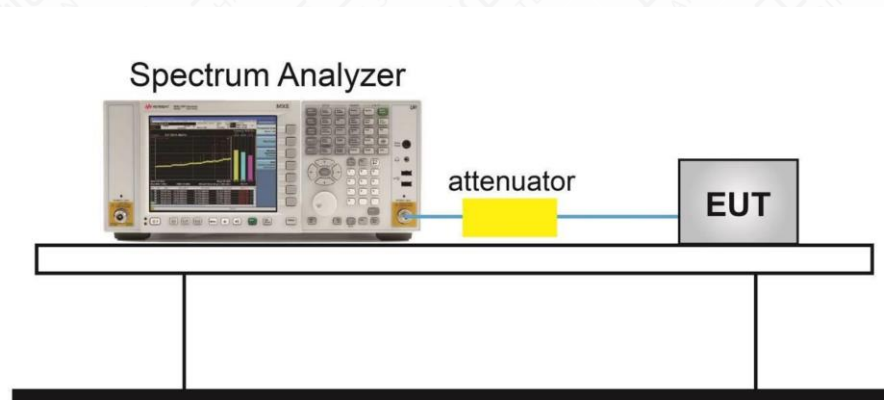
Standard	Limit(KHz)
FCC 47 Part 15.247(e)	N/A

6.5.2 The measurement is made according to KDB 789033

The measurement method is made according to KDB 789033 D

1. Set center frequency to the nominal EUT channel center frequency.
2. Set span = 1.5 times to 5.0 times the OBW.
3. Set RBW = 1 % to 5 % of the OBW
4. Set VBW $\geq 3 \cdot$ RBW
5. 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.
6. Use the 99 % power bandwidth function of the instrument (if available).
7. 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.

6.5.3 Test Setup



6.5.4 Measurement Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	17.36	5736.4000	5753.7600	---	---
11A	Ant2	5745	17.32	5736.3200	5753.6400	---	---
11A	Ant1	5785	17.32	5776.2800	5793.6000	---	---
11A	Ant2	5785	17.32	5776.4000	5793.7200	---	---
11A	Ant1	5825	17.32	5816.4400	5833.7600	---	---
11A	Ant2	5825	17.4	5816.3200	5833.7200	---	---

11A-CDD	Ant1	5745	17.36	5736.4000	5753.7600	---	---
11A-CDD	Ant2	5745	17.08	5736.4400	5753.5200	---	---
11A-CDD	Ant1	5785	17.36	5776.2800	5793.6400	---	---
11A-CDD	Ant2	5785	17.24	5776.3200	5793.5600	---	---
11A-CDD	Ant1	5825	17.32	5816.4400	5833.7600	---	---
11A-CDD	Ant2	5825	17.16	5816.4000	5833.5600	---	---
11N20SISO	Ant1	5745	18.04	5736.0400	5754.0800	---	---
11N20SISO	Ant2	5745	18.04	5735.9600	5754.0000	---	---
11N20SISO	Ant1	5785	18.08	5775.9200	5794.0000	---	---
11N20SISO	Ant2	5785	18.08	5776.0400	5794.1200	---	---
11N20SISO	Ant1	5825	18.08	5816.0400	5834.1200	---	---
11N20SISO	Ant2	5825	18.08	5815.9600	5834.0400	---	---
11N20MIMO	Ant1	5745	18.08	5736.0000	5754.0800	---	---
11N20MIMO	Ant2	5745	17.84	5736.0800	5753.9200	---	---
11N20MIMO	Ant1	5785	18.08	5775.8800	5793.9600	---	---
11N20MIMO	Ant2	5785	18	5775.9600	5793.9600	---	---
11N20MIMO	Ant1	5825	18.04	5816.0400	5834.0800	---	---
11N20MIMO	Ant2	5825	18	5816.0000	5834.0000	---	---
11N40SISO	Ant1	5755	36.56	5736.8400	5773.4000	---	---
11N40SISO	Ant2	5755	36.96	5736.4400	5773.4000	---	---
11N40SISO	Ant1	5795	36.88	5776.5200	5813.4000	---	---
11N40SISO	Ant2	5795	36.48	5776.7600	5813.2400	---	---
11N40MIMO	Ant1	5755	36.64	5736.7600	5773.4000	---	---
11N40MIMO	Ant2	5755	36.88	5736.5200	5773.4000	---	---
11N40MIMO	Ant1	5795	36.96	5776.4400	5813.4000	---	---
11N40MIMO	Ant2	5795	36.88	5776.5200	5813.4000	---	---
11AC20SISO	Ant1	5745	18.08	5736.0400	5754.1200	---	---
11AC20SISO	Ant2	5745	18.04	5735.9600	5754.0000	---	---
11AC20SISO	Ant1	5785	18.08	5775.9200	5794.0000	---	---
11AC20SISO	Ant2	5785	18.04	5776.0400	5794.0800	---	---
11AC20SISO	Ant1	5825	18.08	5816.0400	5834.1200	---	---
11AC20SISO	Ant2	5825	18.08	5815.9600	5834.0400	---	---
11AC20MIMO	Ant1	5745	18.08	5736.0000	5754.0800	---	---
11AC20MIMO	Ant2	5745	17.84	5736.0800	5753.9200	---	---
11AC20MIMO	Ant1	5785	18.08	5775.8800	5793.9600	---	---
11AC20MIMO	Ant2	5785	17.92	5776.0400	5793.9600	---	---
11AC20MIMO	Ant1	5825	18.04	5816.0400	5834.0800	---	---
11AC20MIMO	Ant2	5825	17.88	5816.0800	5833.9600	---	---
11AC40SISO	Ant1	5755	36.64	5736.6800	5773.3200	---	---
11AC40SISO	Ant2	5755	36.88	5736.5200	5773.4000	---	---
11AC40SISO	Ant1	5795	36.8	5776.6800	5813.4800	---	---
11AC40SISO	Ant2	5795	36.56	5776.7600	5813.3200	---	---

11AC40MIMO	Ant1	5755	36.64	5736.8400	5773.4800	---	---
11AC40MIMO	Ant2	5755	36.72	5736.6800	5773.4000	---	---
11AC40MIMO	Ant1	5795	36.96	5776.5200	5813.4800	---	---
11AC40MIMO	Ant2	5795	36.8	5776.6000	5813.4000	---	---
11AC80SISO	Ant1	5775	76.96	5736.6000	5813.5600	---	---
11AC80SISO	Ant2	5775	76.96	5736.6000	5813.5600	---	---
11AC80MIMO	Ant1	5775	76.8	5736.7600	5813.5600	---	---
11AC80MIMO	Ant2	5775	76.96	5736.6000	5813.5600	---	---
11AX20SISO	Ant1	5745	18.92	5735.5600	5754.4800	---	---
11AX20SISO	Ant2	5745	18.96	5735.5200	5754.4800	---	---
11AX20SISO	Ant1	5785	18.92	5775.5600	5794.4800	---	---
11AX20SISO	Ant2	5785	18.88	5775.6000	5794.4800	---	---
11AX20SISO	Ant1	5825	18.92	5815.5600	5834.4800	---	---
11AX20SISO	Ant2	5825	18.96	5815.5200	5834.4800	---	---
11AX20MIMO	Ant1	5745	18.88	5735.6000	5754.4800	---	---
11AX20MIMO	Ant2	5745	18.92	5735.5600	5754.4800	---	---
11AX20MIMO	Ant1	5785	18.88	5775.5200	5794.4000	---	---
11AX20MIMO	Ant2	5785	18.92	5775.5600	5794.4800	---	---
11AX20MIMO	Ant1	5825	18.88	5815.6000	5834.4800	---	---
11AX20MIMO	Ant2	5825	18.92	5815.5600	5834.4800	---	---
11AX40SISO	Ant1	5755	38	5735.9600	5773.9600	---	---
11AX40SISO	Ant2	5755	38.08	5735.9600	5774.0400	---	---
11AX40SISO	Ant1	5795	37.92	5776.0400	5813.9600	---	---
11AX40SISO	Ant2	5795	37.76	5776.1200	5813.8800	---	---
11AX40MIMO	Ant1	5755	37.68	5736.2000	5773.8800	---	---
11AX40MIMO	Ant2	5755	37.92	5736.0400	5773.9600	---	---
11AX40MIMO	Ant1	5795	37.92	5775.9600	5813.8800	---	---
11AX40MIMO	Ant2	5795	37.92	5776.1200	5814.0400	---	---
11AX80SISO	Ant1	5775	78.56	5735.8000	5814.3600	---	---
11AX80SISO	Ant2	5775	78.24	5735.9600	5814.2000	---	---
11AX80MIMO	Ant1	5775	78.4	5735.8000	5814.2000	---	---
11AX80MIMO	Ant2	5775	78.4	5735.8000	5814.2000	---	---

Test graphs as below

