

Appendix for WLAN 5G

Model: ANY-NX1

BTL-FCCP-5-2203G020

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1. APPENDIX A: 6 & 26 DB BANDWIDTH

1.1 TEST RESULT

26dB Bandwidth

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	23.56	5168.68	5192.24	---	Pass
		5200	23.44	5188.88	5212.32	---	Pass
		5240	23.32	5228.92	5252.24	---	Pass
		5260	22.56	5248.96	5271.52	---	Pass
		5280	22.16	5268.92	5291.08	---	Pass
		5300	23.32	5288.96	5312.28	---	Pass
		5320	22.04	5308.92	5330.96	---	Pass
		5500	22.56	5488.52	5511.08	---	Pass
		5520	23.56	5508.72	5532.28	---	Pass
		5580	22.44	5568.64	5591.08	---	Pass
		5680	23.88	5668.40	5692.28	---	Pass
		5700	21.96	5689.04	5711.00	---	Pass
		5720	23.64	5708.64	5732.28	---	Pass
		5720_UNII-2C	16.36	5708.64	5725	---	Pass
		5720_UNII-3	7.28	5725	5732.28	---	Pass
		5745	22.40	5733.60	5756.00	---	Pass
		5785	22.40	5773.64	5796.04	---	Pass
		5825	22.40	5813.60	5836.00	---	Pass

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11N20SISO	Ant1	5180	22.36	5168.88	5191.24	---	Pass
		5200	22.32	5188.96	5211.28	---	Pass
		5240	22.44	5228.88	5251.32	---	Pass
		5260	22.84	5248.64	5271.48	---	Pass
		5280	22.16	5268.88	5291.04	---	Pass
		5300	22.48	5289.04	5311.52	---	Pass
		5320	22.40	5308.88	5331.28	---	Pass
		5500	22.12	5488.68	5510.80	---	Pass
		5520	23.00	5508.64	5531.64	---	Pass
		5580	22.36	5568.68	5591.04	---	Pass
		5680	23.48	5667.84	5691.32	---	Pass
		5700	22.92	5688.76	5711.68	---	Pass
		5720	23.12	5708.60	5731.72	---	Pass
		5720_UNII-2C	16.4	5708.60	5725	---	Pass
		5720_UNII-3	6.72	5725	5731.72	---	Pass
		5745	22.48	5733.64	5756.12	---	Pass
		5785	24.24	5772.48	5796.72	---	Pass
		5825	23.92	5812.40	5836.32	---	Pass
		11N40SISO	Ant1	5190	41.92	5169.04	5210.96
5230	41.92			5209.20	5251.12	---	Pass
5270	41.20			5249.44	5290.64	---	Pass
5310	41.68			5289.28	5330.96	---	Pass
5510	44.64			5488.88	5533.52	---	Pass
5550	41.92			5528.88	5570.80	---	Pass
5630	41.52			5609.36	5650.88	---	Pass
5670	42.24			5648.80	5691.04	---	Pass
5710	41.68			5689.36	5731.04	---	Pass
5710_UNII-2C	35.64			5689.36	5725	---	Pass
5710_UNII-3	6.04			5725	5731.04	---	Pass
5755	41.84			5733.88	5775.72	---	Pass
5795	41.52			5774.44	5815.96	---	Pass

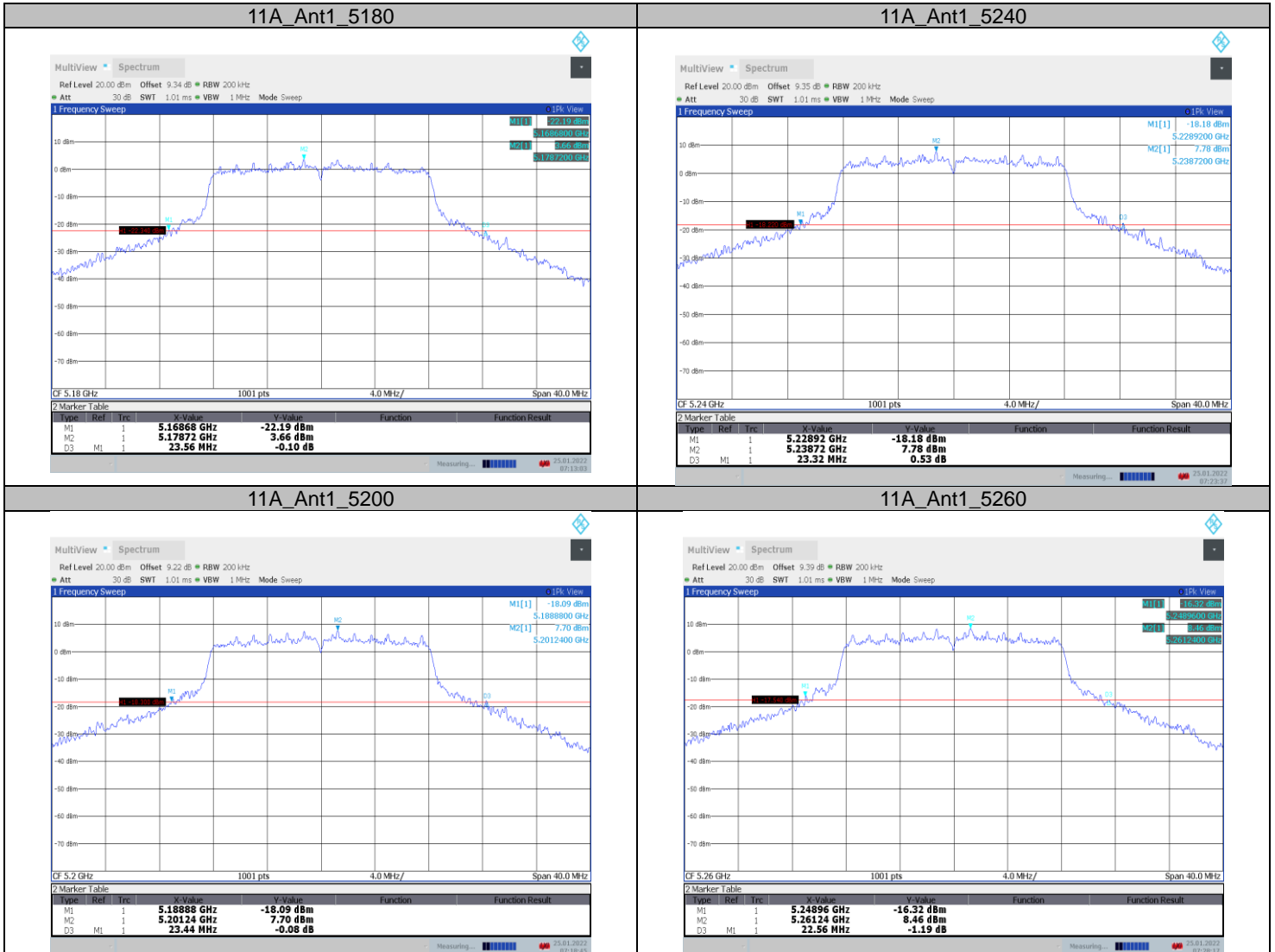
TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11AC20SISO	Ant1	5180	23.08	5168.60	5191.68	---	Pass
		5200	22.80	5188.88	5211.68	---	Pass
		5240	23.76	5228.44	5252.20	---	Pass
		5260	22.32	5248.64	5270.96	---	Pass
		5280	22.64	5268.68	5291.32	---	Pass
		5300	22.64	5288.64	5311.28	---	Pass
		5320	22.76	5308.56	5331.32	---	Pass
		5500	22.92	5488.72	5511.64	---	Pass
		5520	23.92	5508.04	5531.96	---	Pass
		5580	23.08	5568.44	5591.52	---	Pass
		5680	23.88	5667.40	5691.28	---	Pass
		5700	22.72	5688.68	5711.40	---	Pass
		5720	22.64	5708.68	5731.32	---	Pass
		5720_UNII-2C	16.32	5708.68	5725	---	Pass
		5720_UNII-3	6.32	5725	5731.32	---	Pass
		5745	23.40	5732.88	5756.28	---	Pass
		5785	24.28	5772.44	5796.72	---	Pass
		5825	23.04	5813.64	5836.68	---	Pass
11AC40SISO	Ant1	5190	41.76	5169.28	5211.04	---	Pass
		5230	42.08	5208.96	5251.04	---	Pass
		5270	41.60	5249.28	5290.88	---	Pass
		5310	41.68	5289.20	5330.88	---	Pass
		5510	42.00	5488.96	5530.96	---	Pass
		5550	42.00	5528.88	5570.88	---	Pass
		5630	41.44	5609.52	5650.96	---	Pass
		5670	42.24	5648.80	5691.04	---	Pass
		5710	41.60	5689.36	5730.96	---	Pass
		5710_UNII-2C	35.64	5689.36	5725	---	Pass
		5710_UNII-3	5.96	5725	5730.96	---	Pass
		5755	41.36	5734.28	5775.64	---	Pass
5795	42.16	5773.96	5816.12	---	Pass		
11AC80SISO	Ant1	5210	83.84	5168.24	5252.08	---	Pass
		5290	84.16	5248.08	5332.24	---	Pass
		5530	84.32	5487.60	5571.92	---	Pass
		5610	83.68	5568.24	5651.92	---	Pass
		5690	85.12	5647.44	5732.56	---	Pass
		5690_UNII-2C	77.56	5647.44	5725	---	Pass
		5690_UNII-3	7.56	5725	5732.56	---	Pass
		5775	84.16	5732.76	5816.92	---	Pass

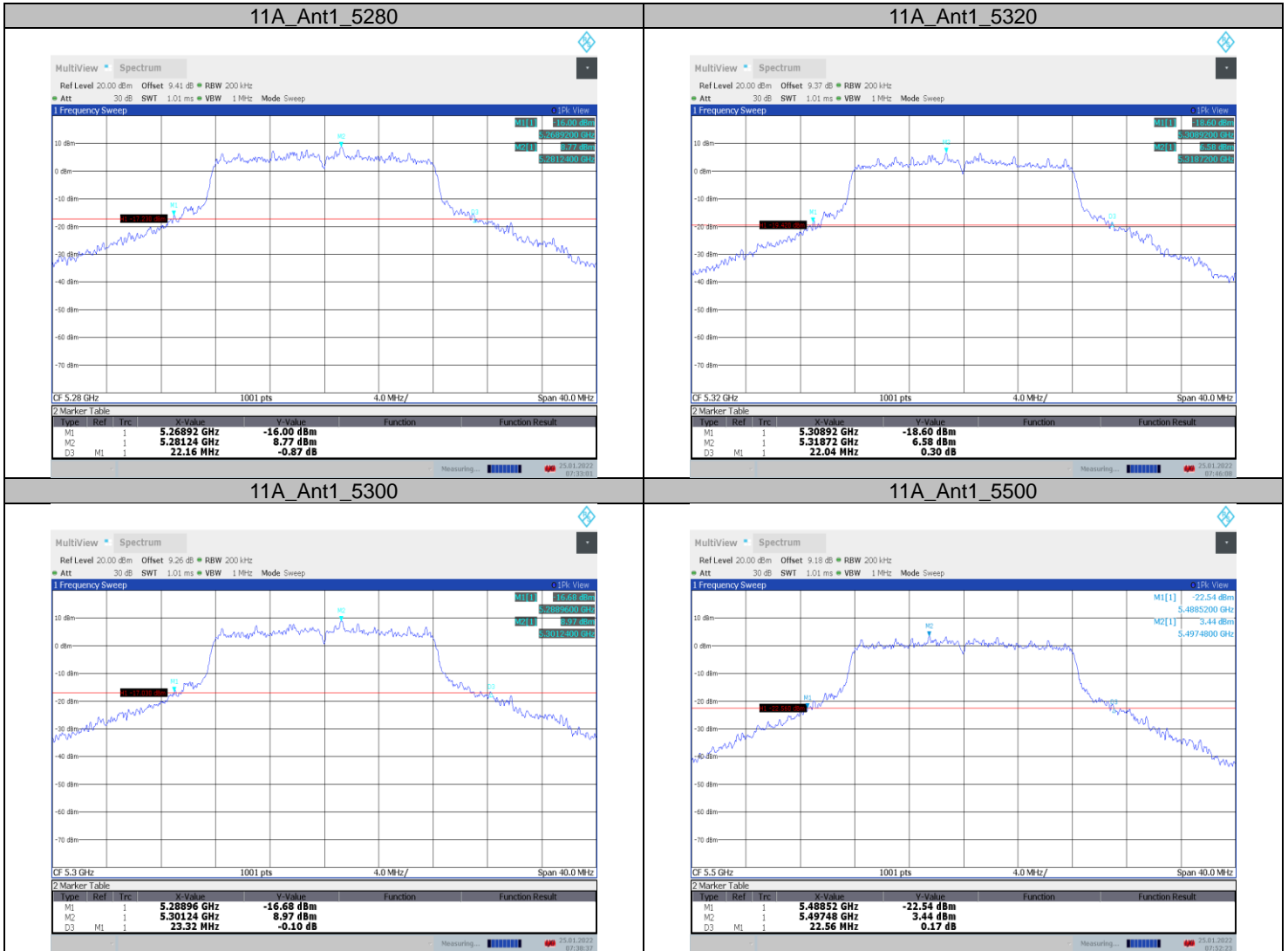
6dB Bandwidth

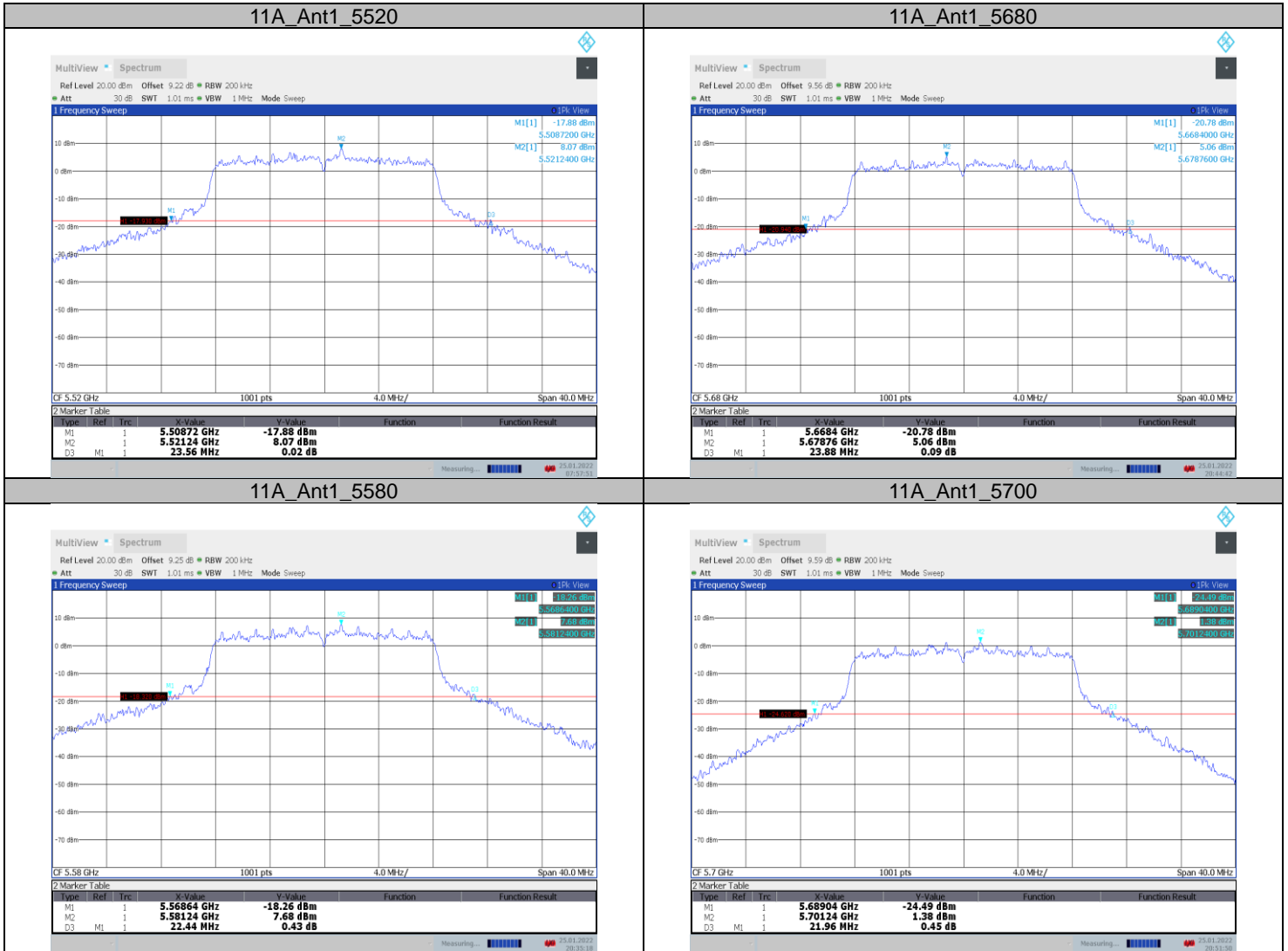
TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.52	5737.20	5752.72	0.5	PASS
		5785	15.52	5777.20	5792.72	0.5	PASS
		5825	15.52	5817.20	5832.72	0.5	PASS
11N20SISO	Ant1	5745	15.44	5737.08	5752.52	0.5	PASS
		5785	16.00	5776.56	5792.56	0.5	PASS
		5825	16.00	5816.56	5832.56	0.5	PASS
11N40SISO	Ant1	5755	35.12	5737.40	5772.52	0.5	PASS
		5795	35.12	5777.40	5812.52	0.5	PASS
11AC20SISO	Ant1	5745	15.12	5737.40	5752.52	0.5	PASS
		5785	15.96	5776.56	5792.52	0.5	PASS
		5825	15.16	5817.40	5832.56	0.5	PASS
11AC40SISO	Ant1	5755	35.12	5737.40	5772.52	0.5	PASS
		5795	35.12	5777.40	5812.52	0.5	PASS
11AC80SISO	Ant1	5775	75.20	5737.40	5812.60	0.5	PASS

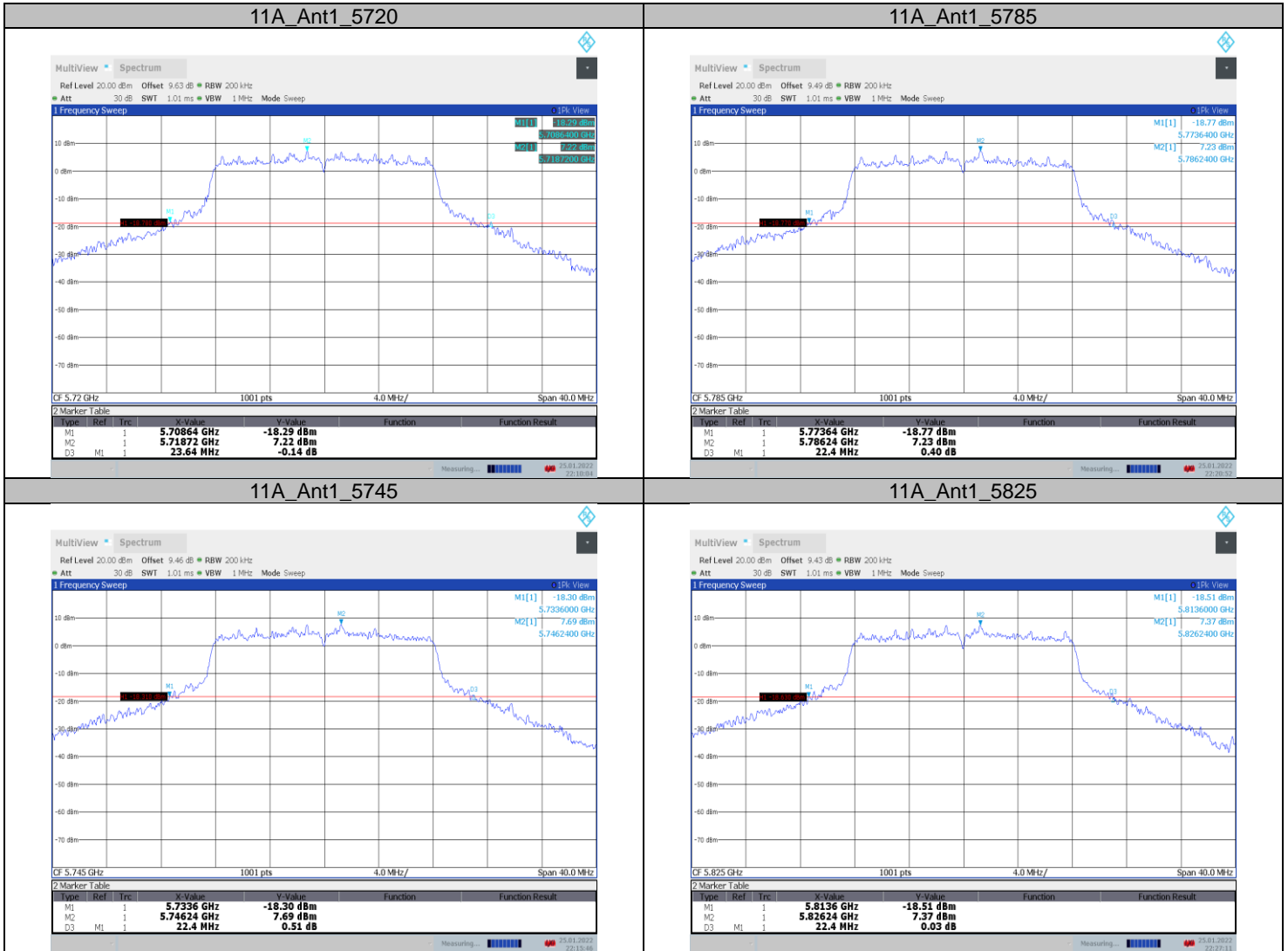
1.2 TEST GRAPHS

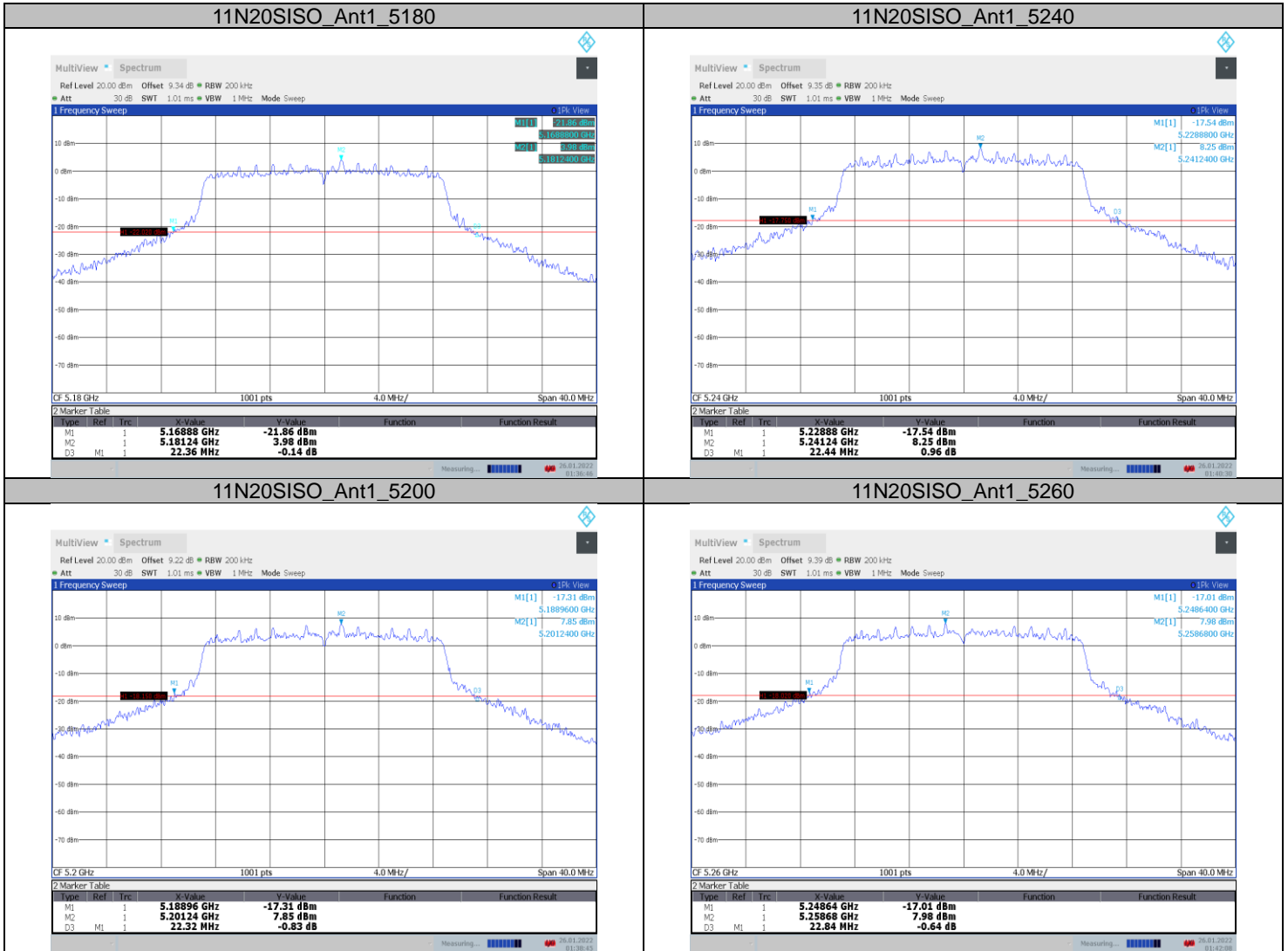
26dB Bandwidth

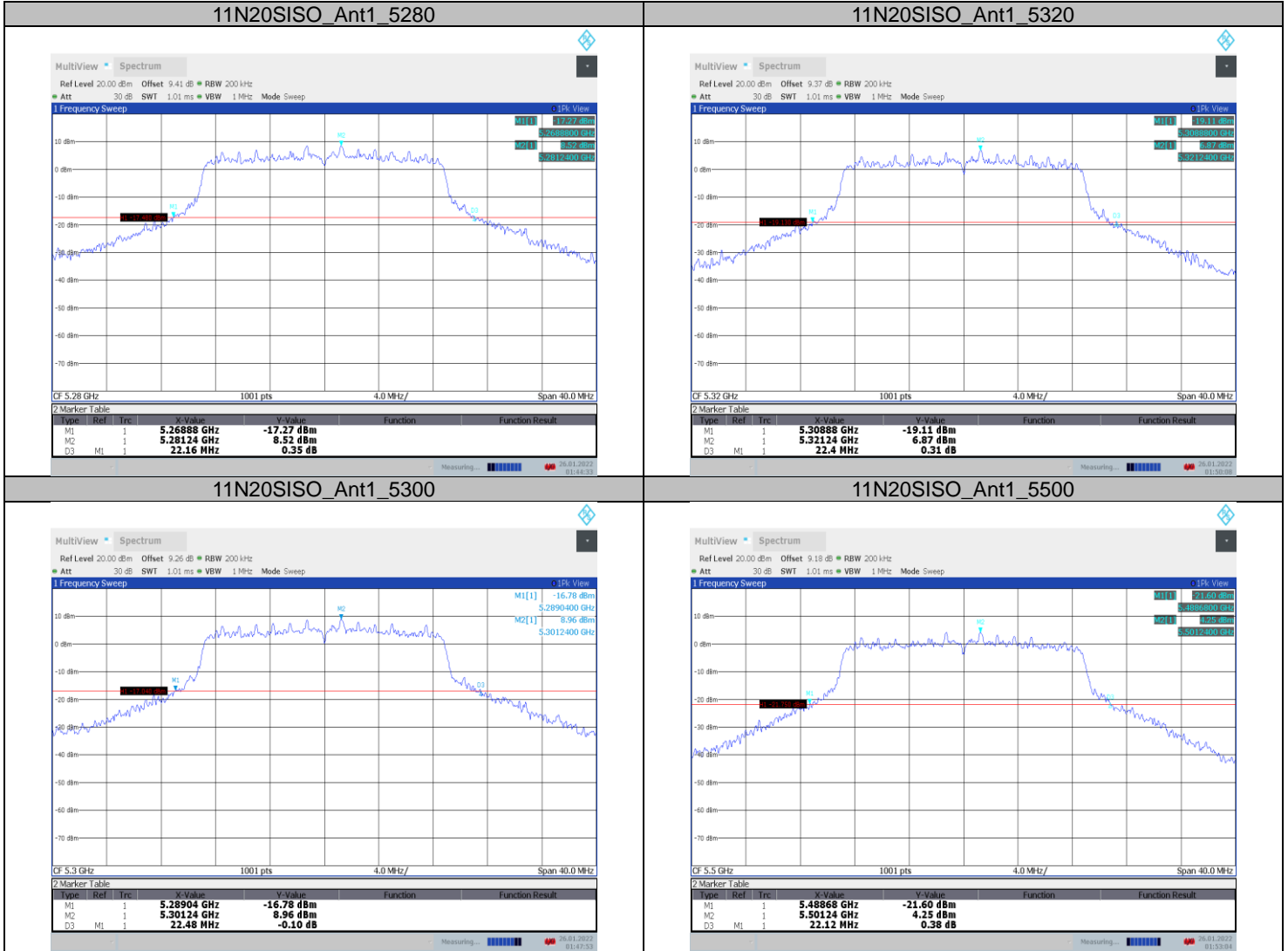


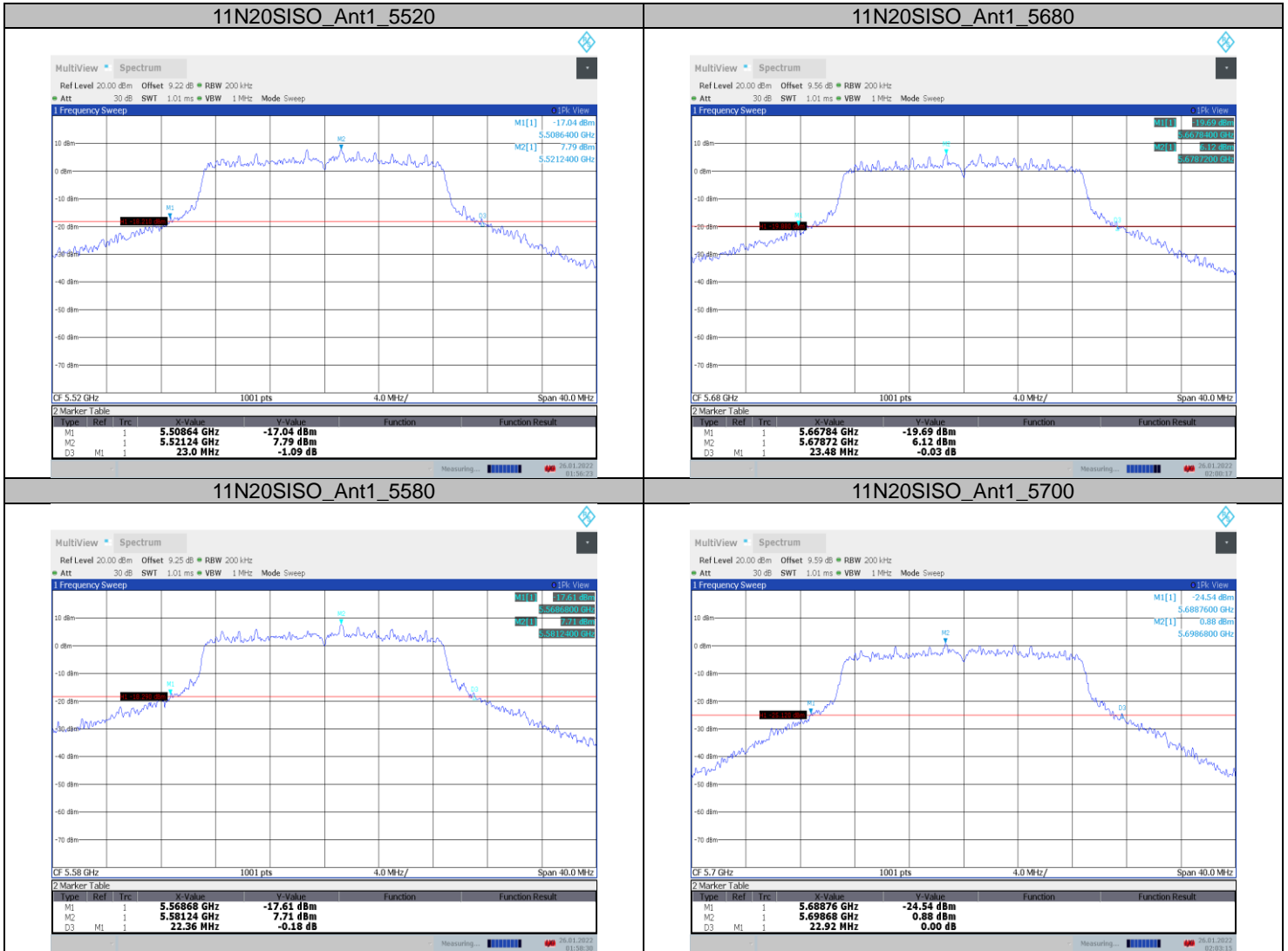


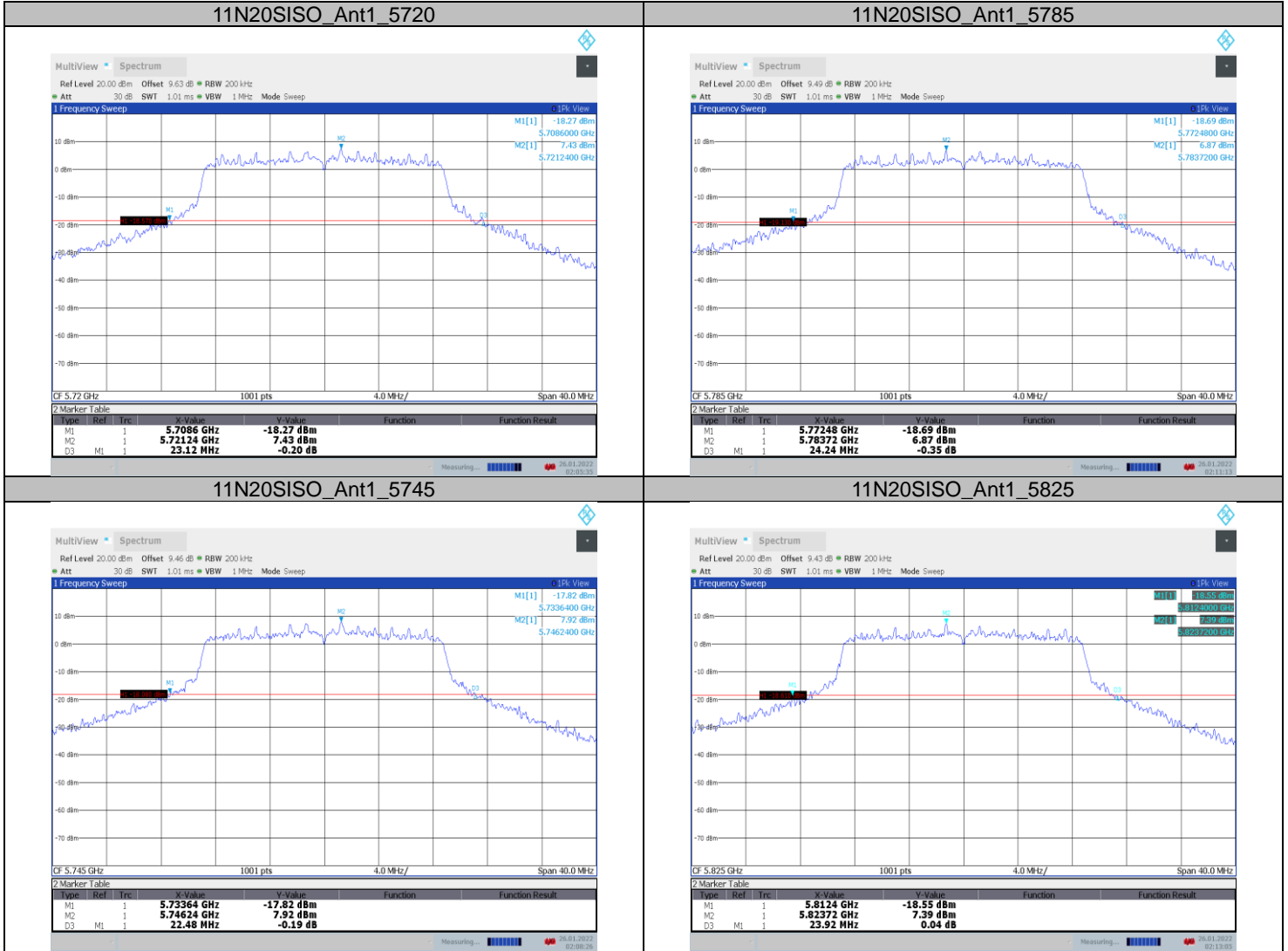


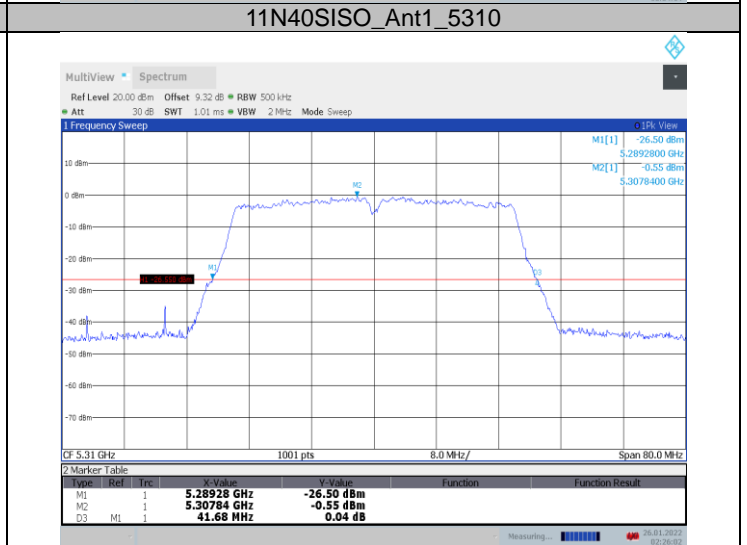
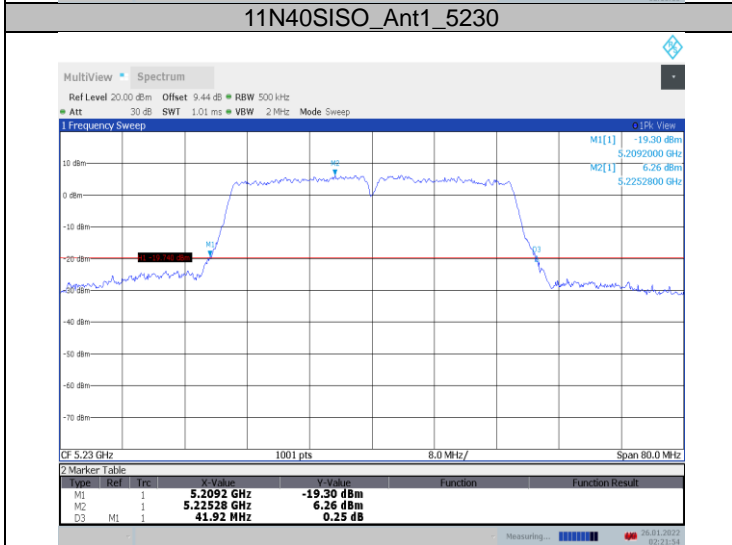
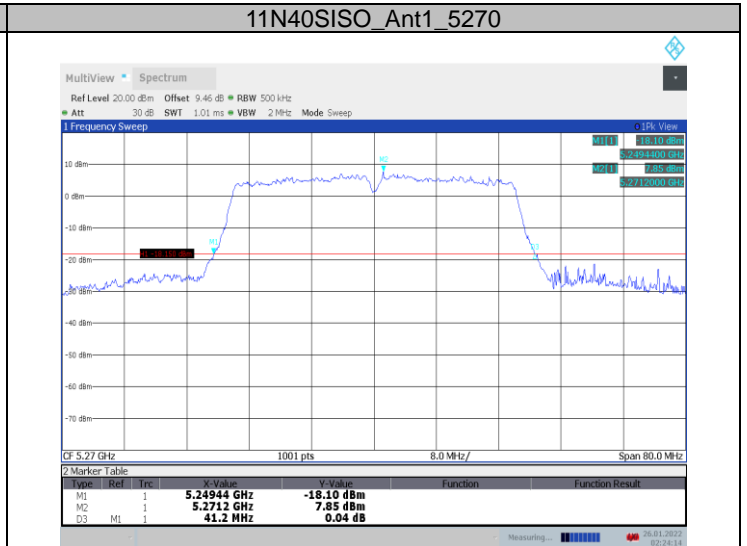


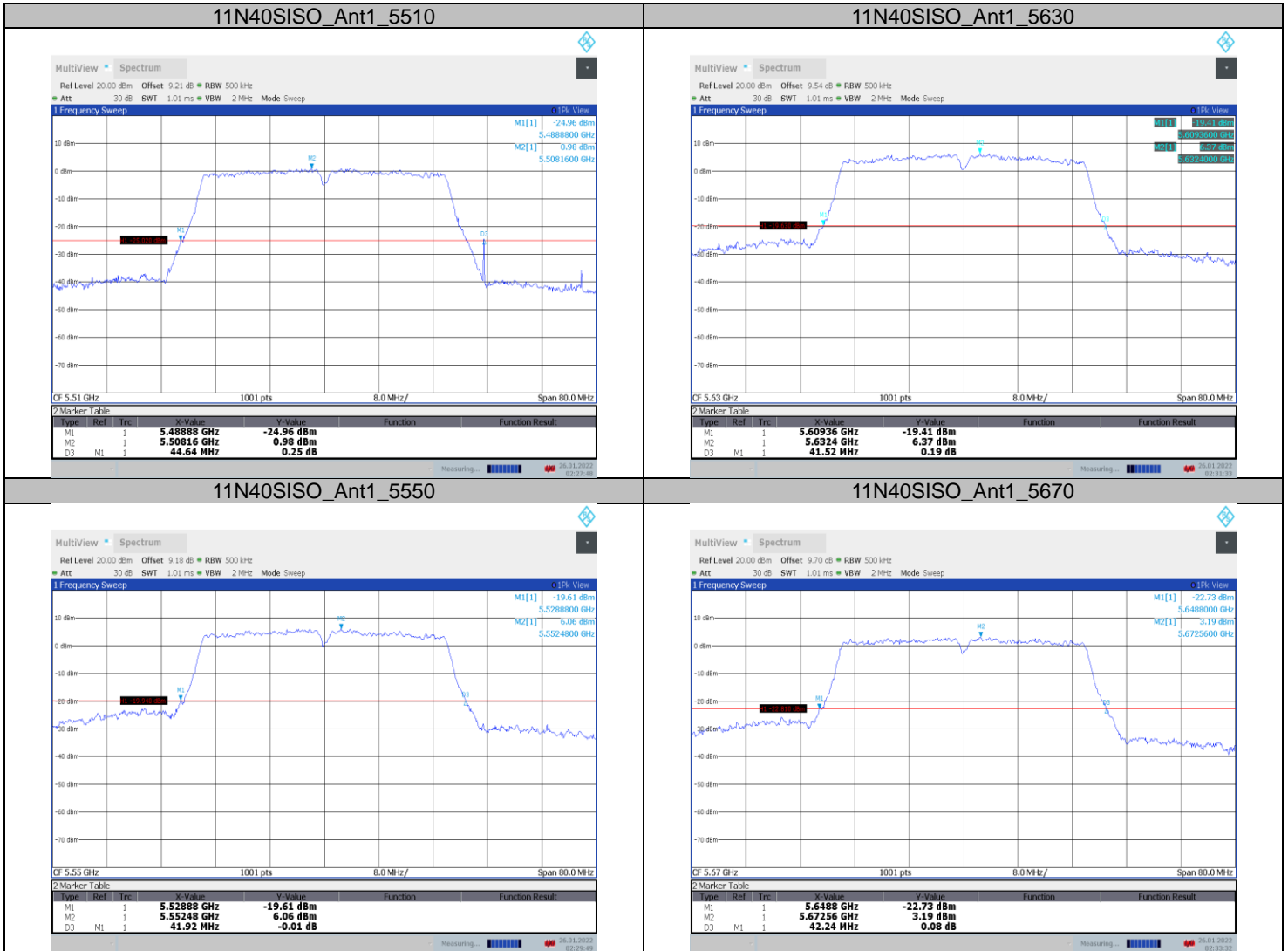


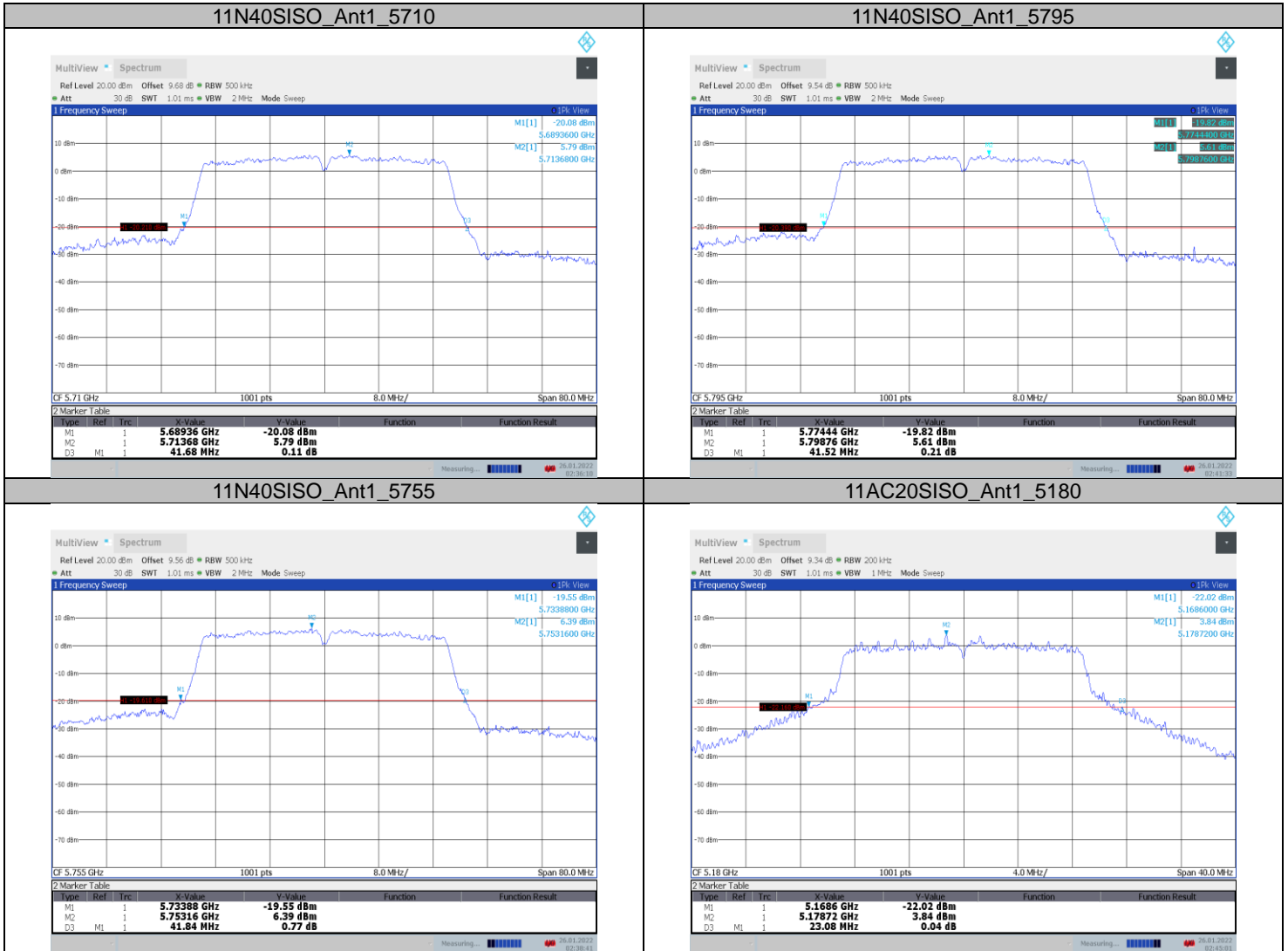


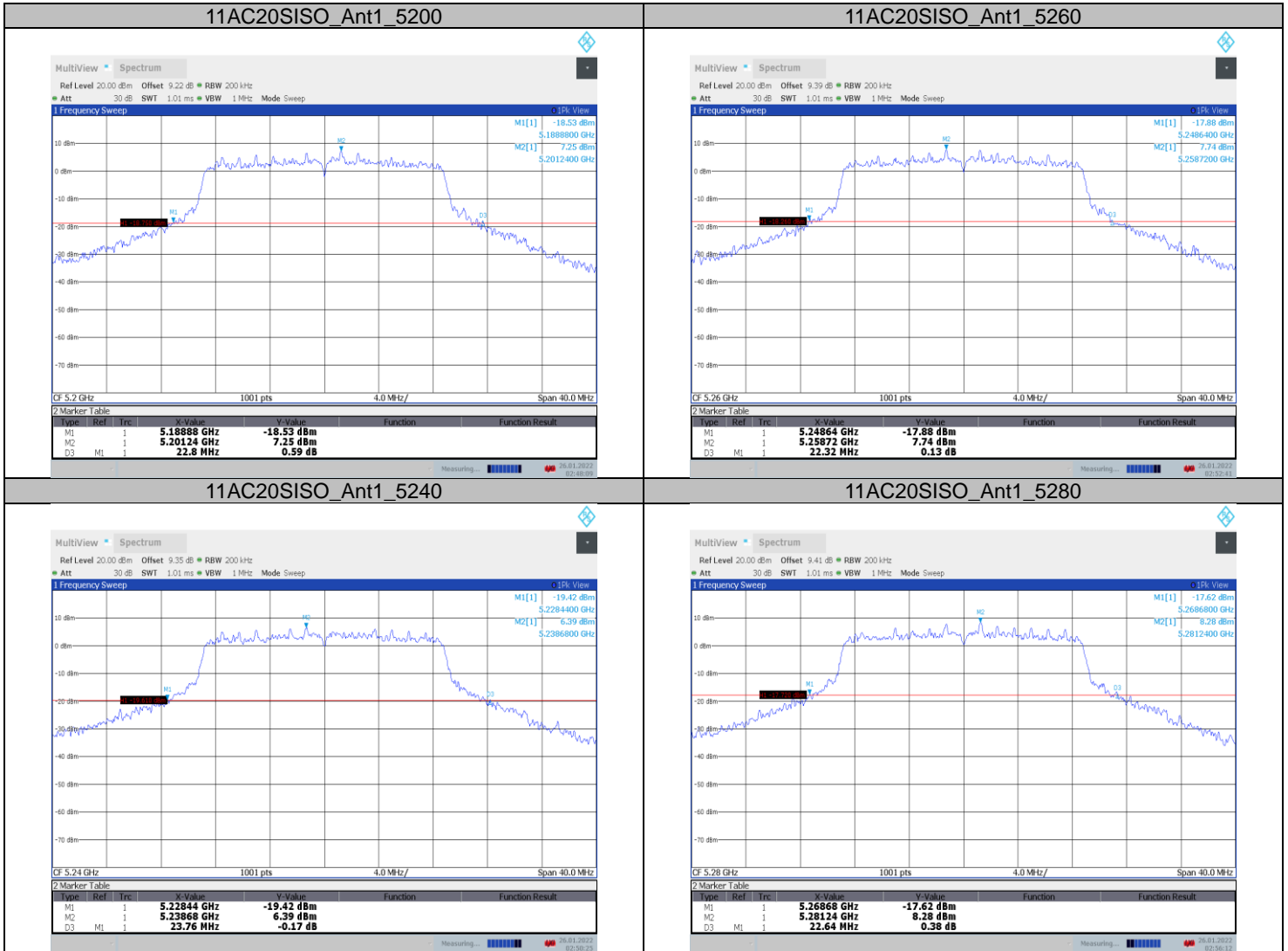


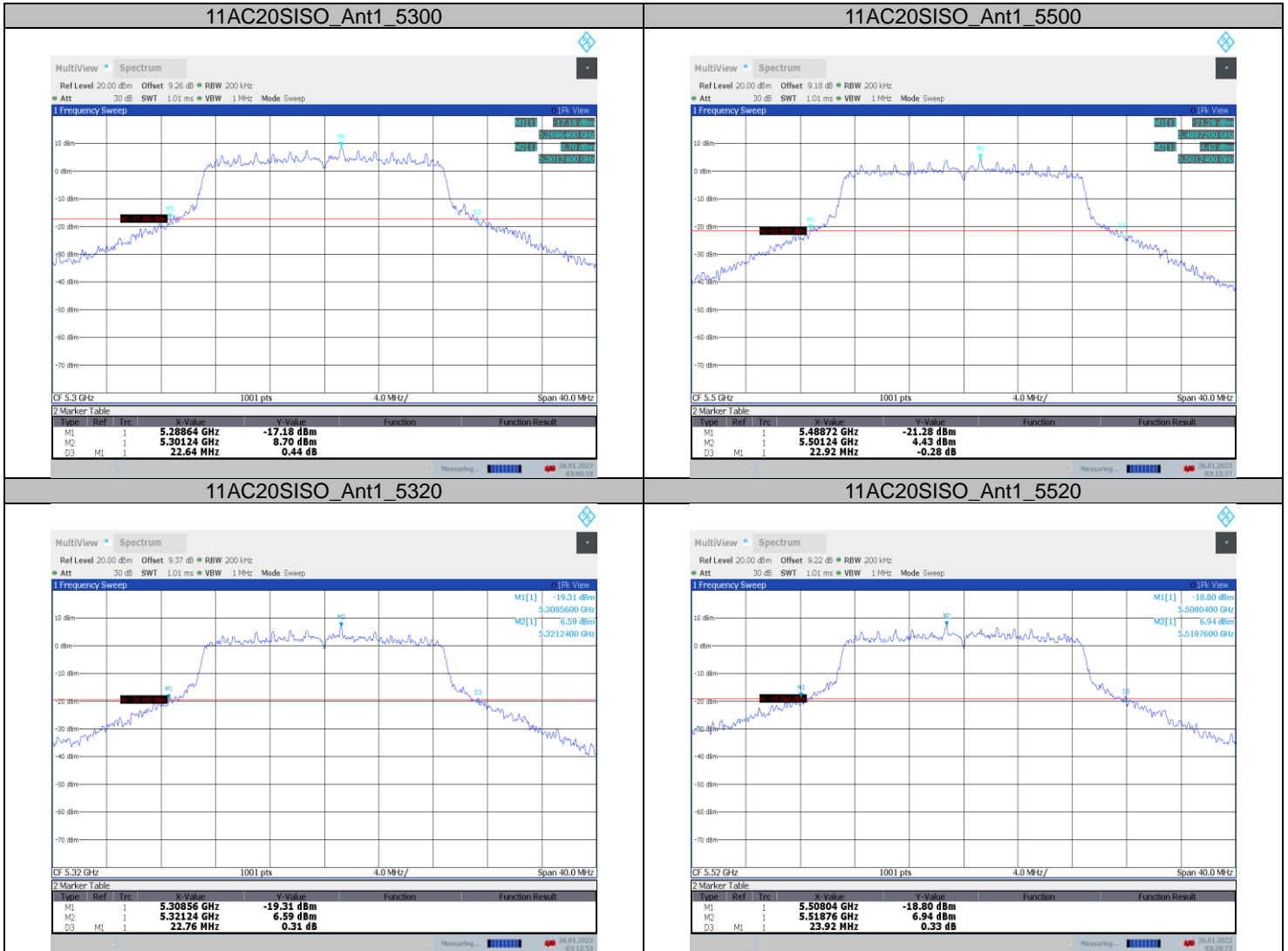


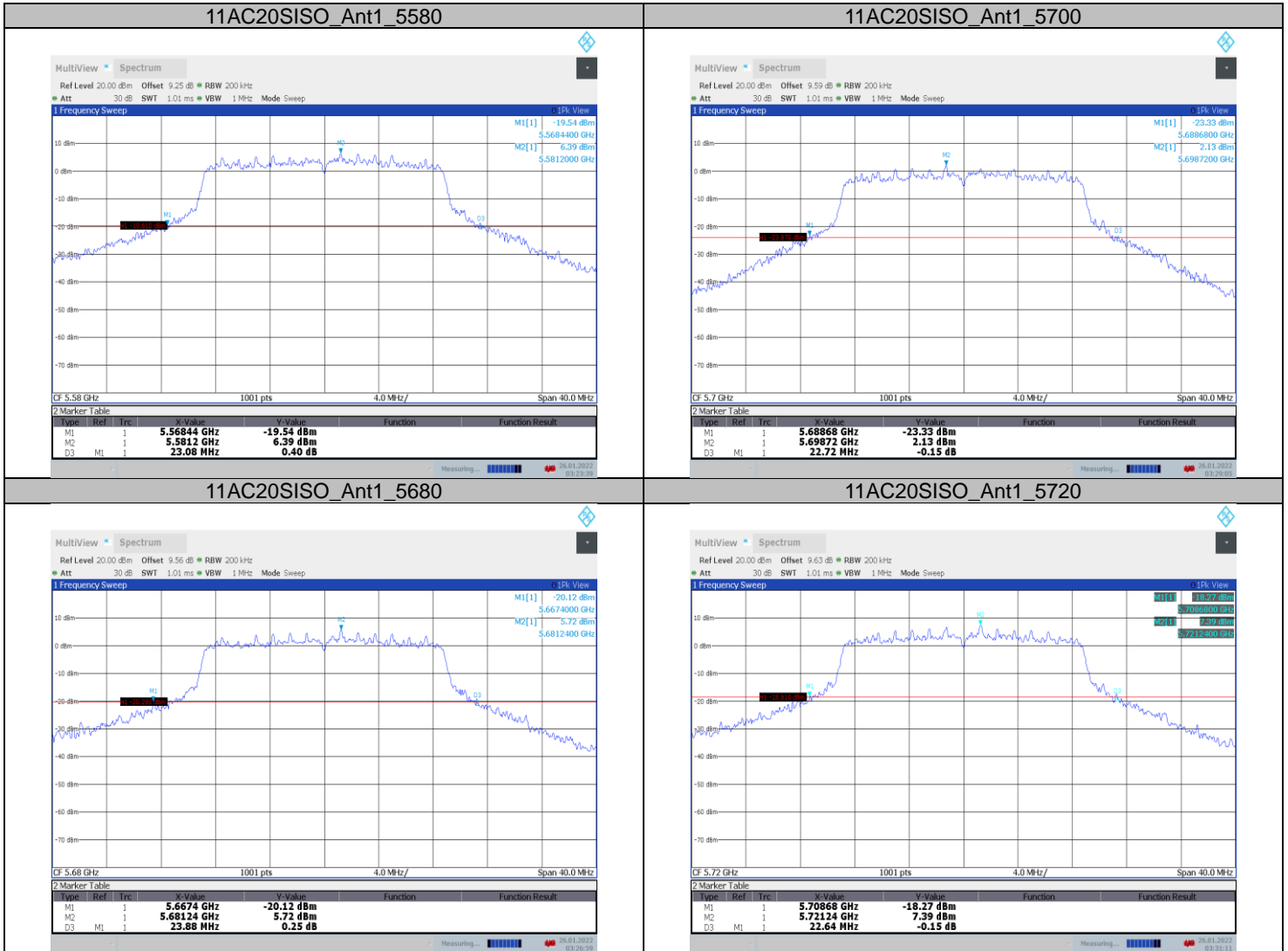


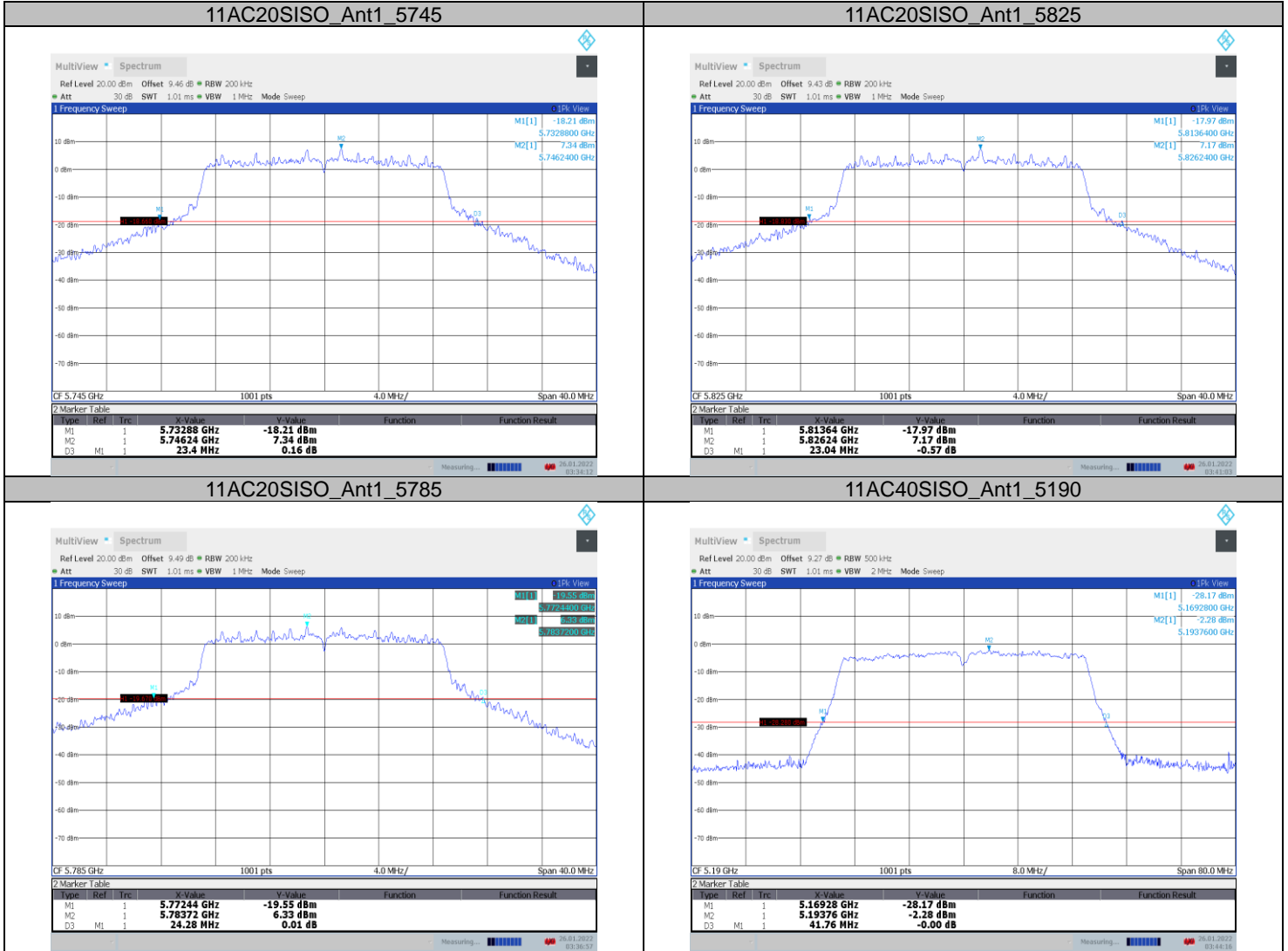




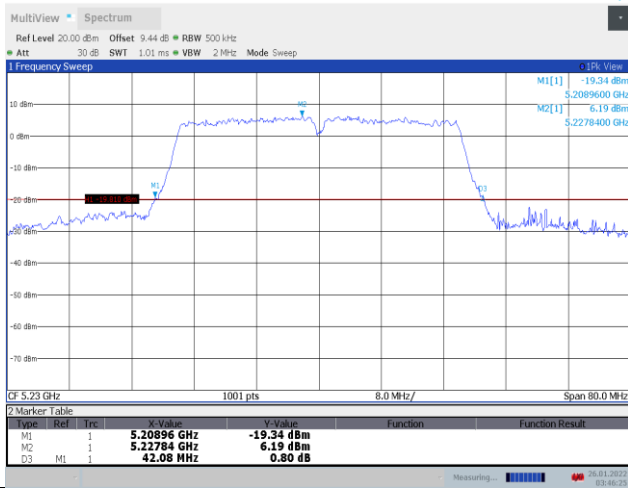








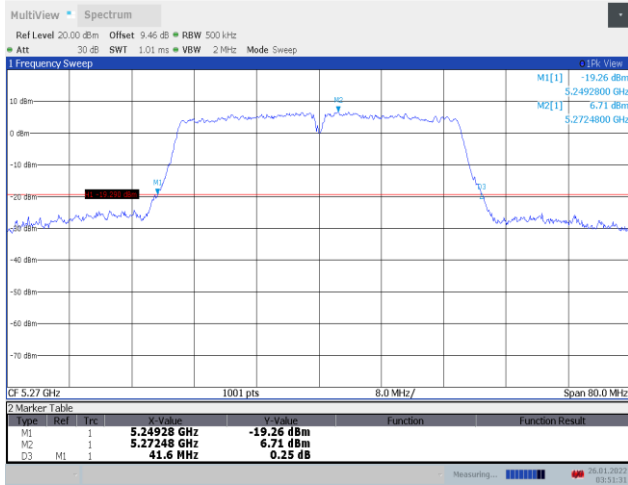
11AC40SISO_Ant1_5230



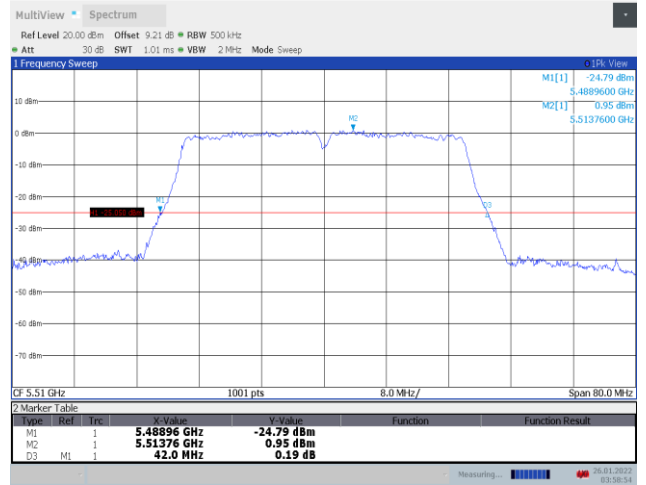
11AC40SISO_Ant1_5310

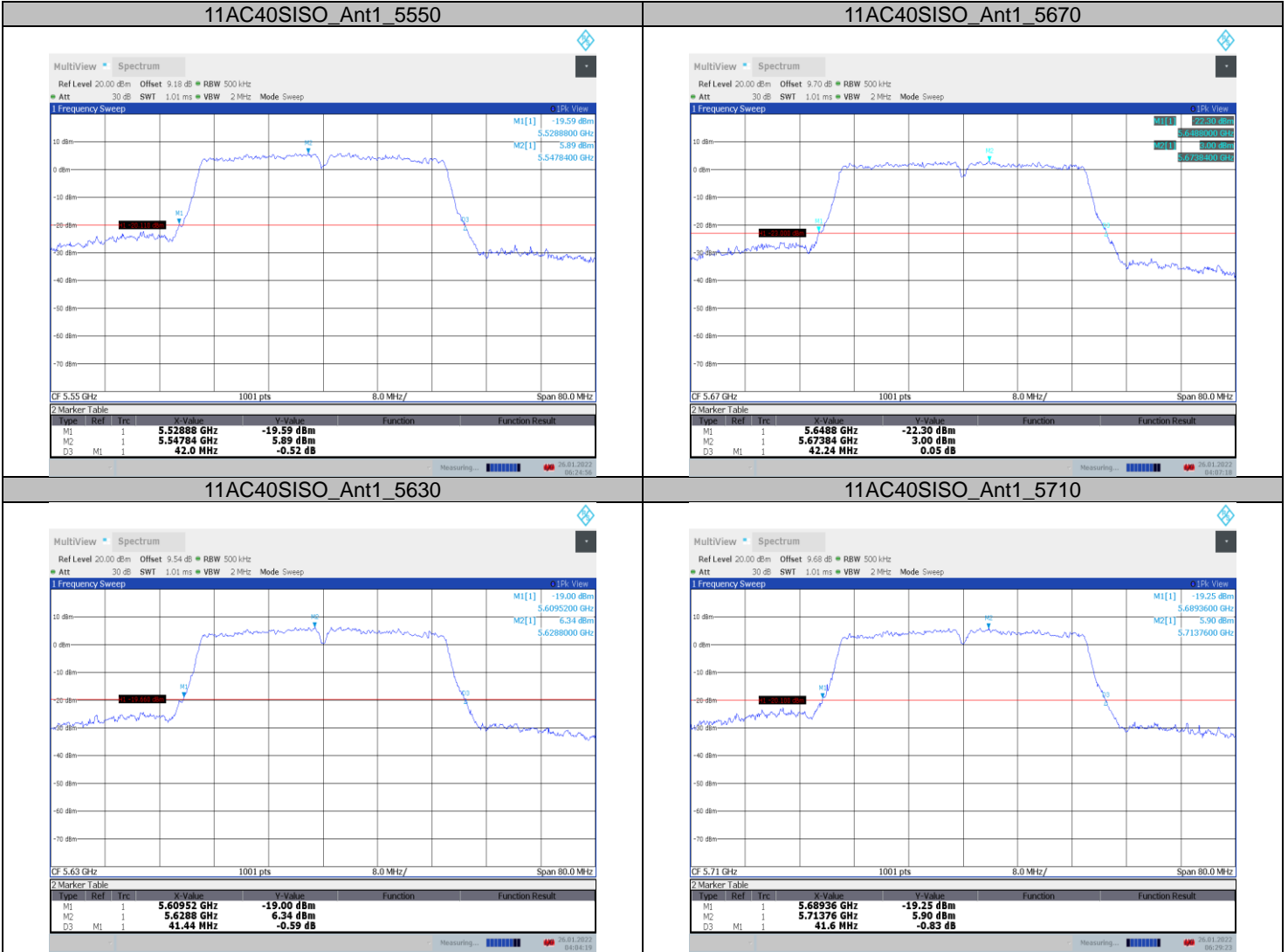


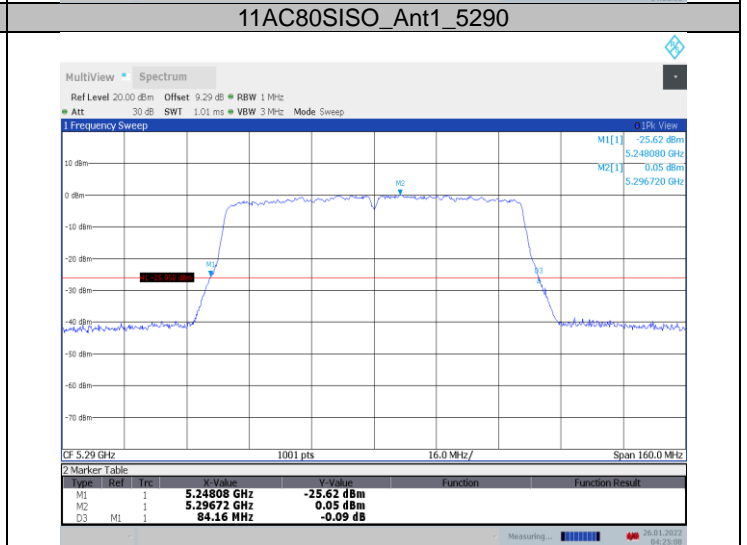
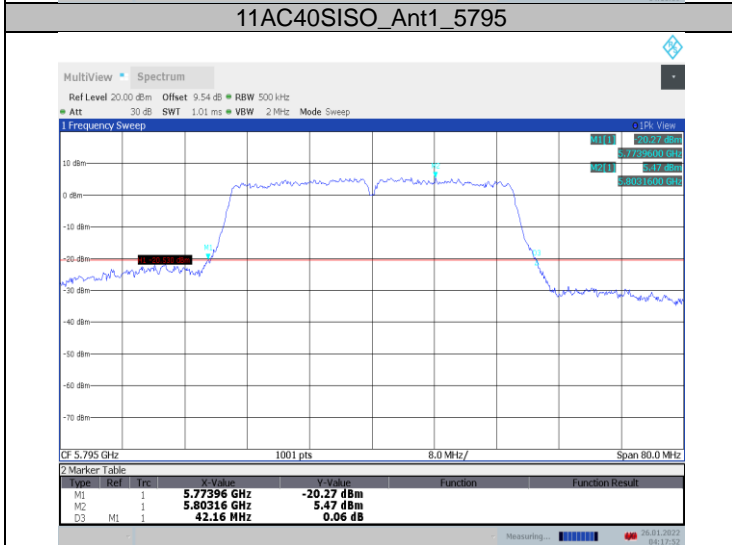
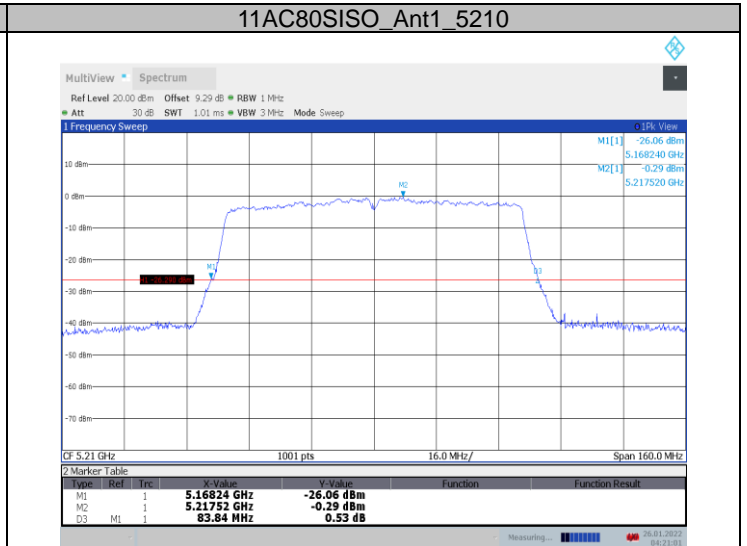
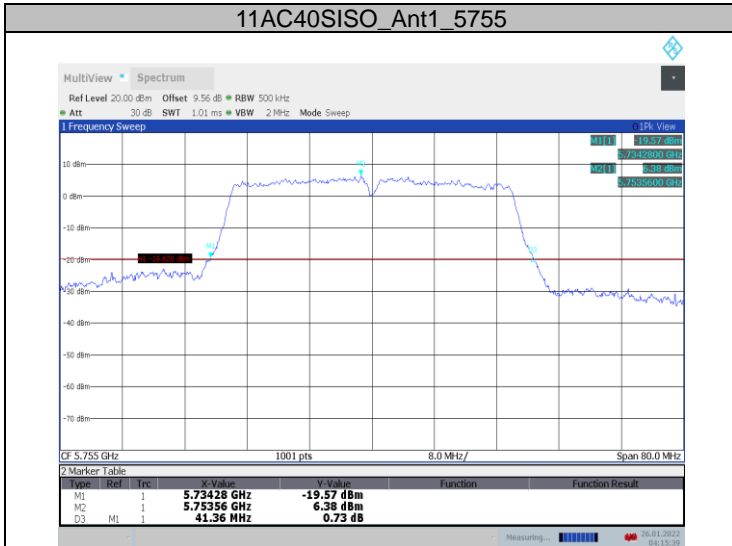
11AC40SISO_Ant1_5270

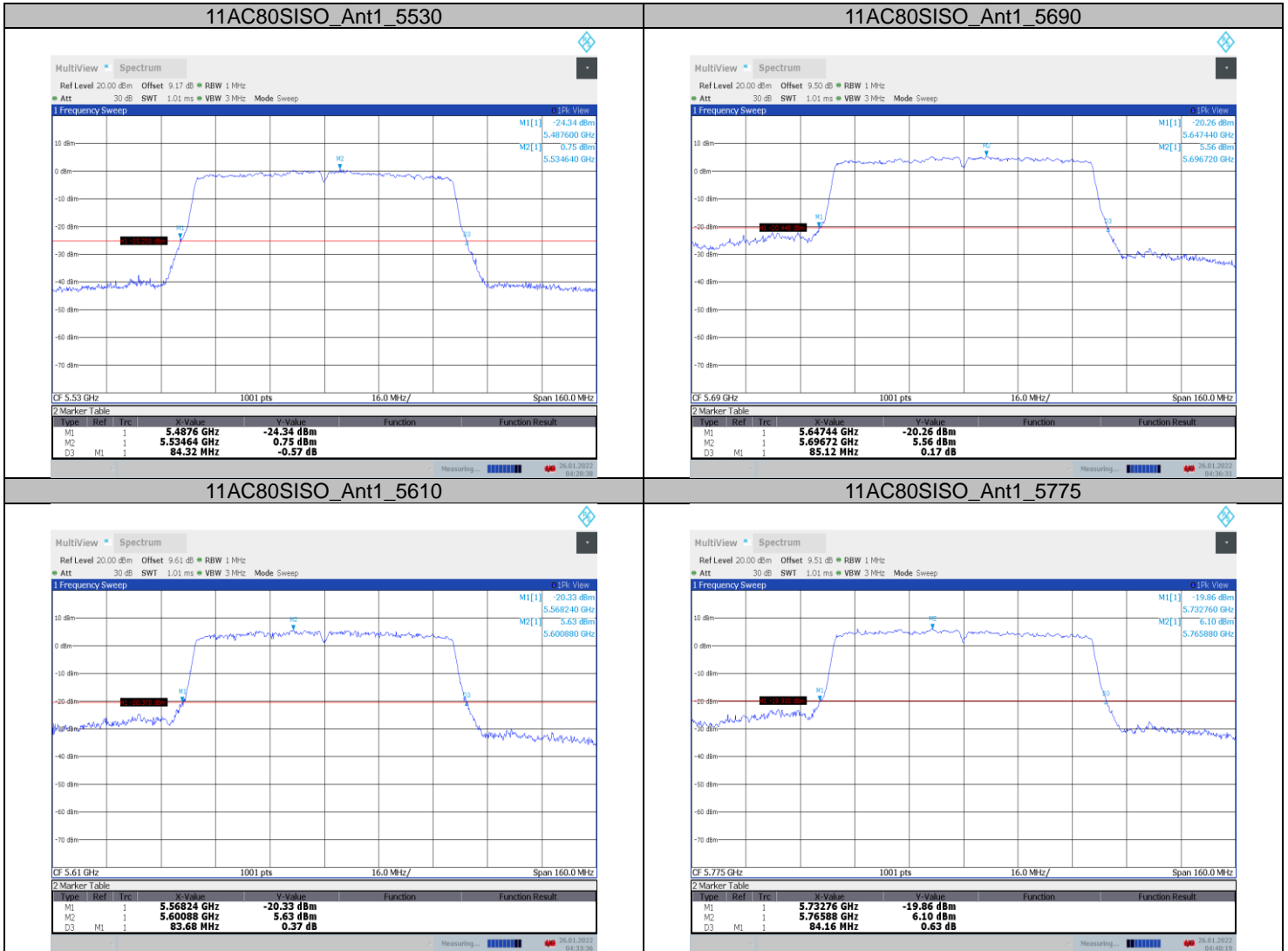


11AC40SISO_Ant1_5510

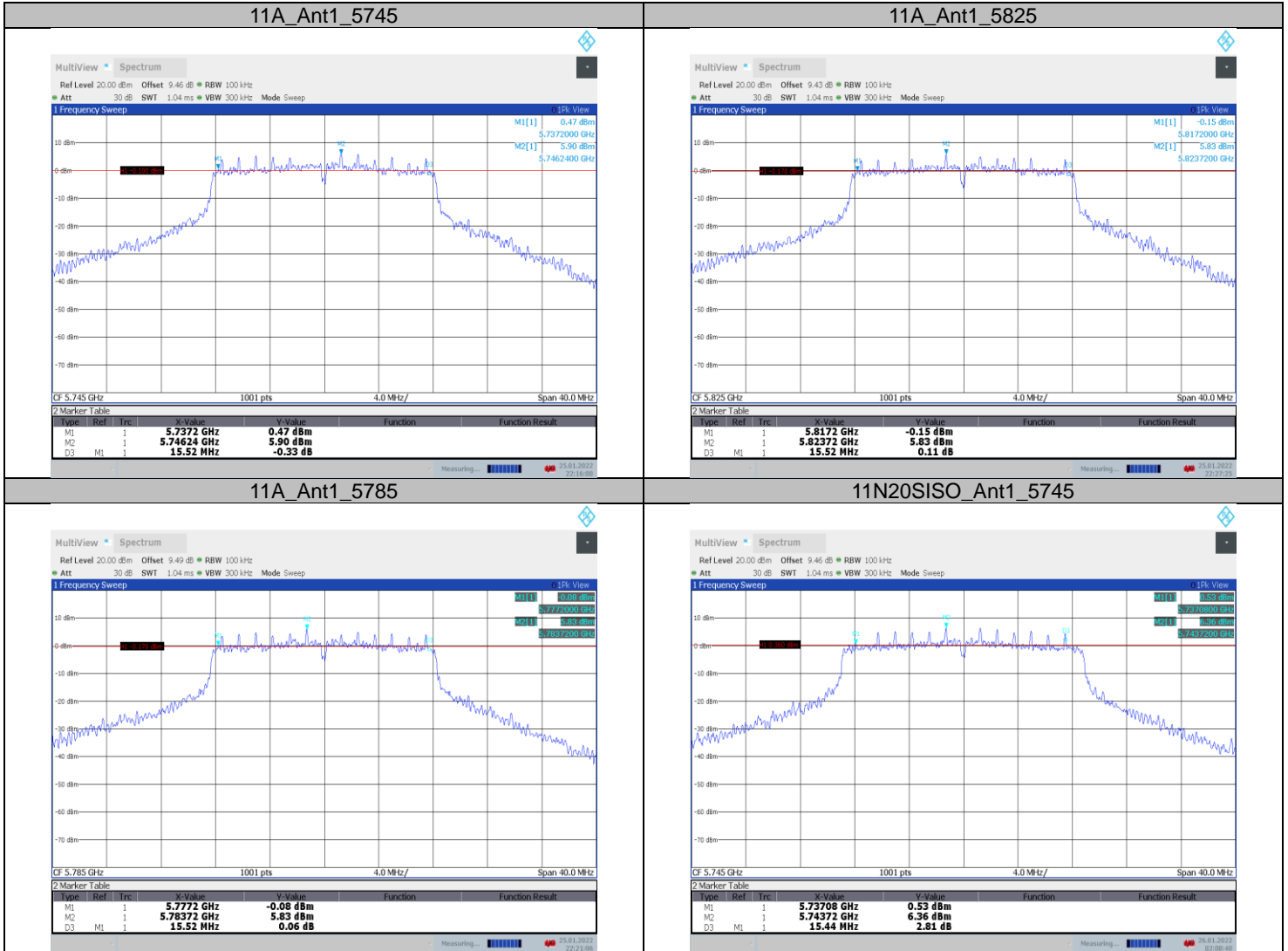


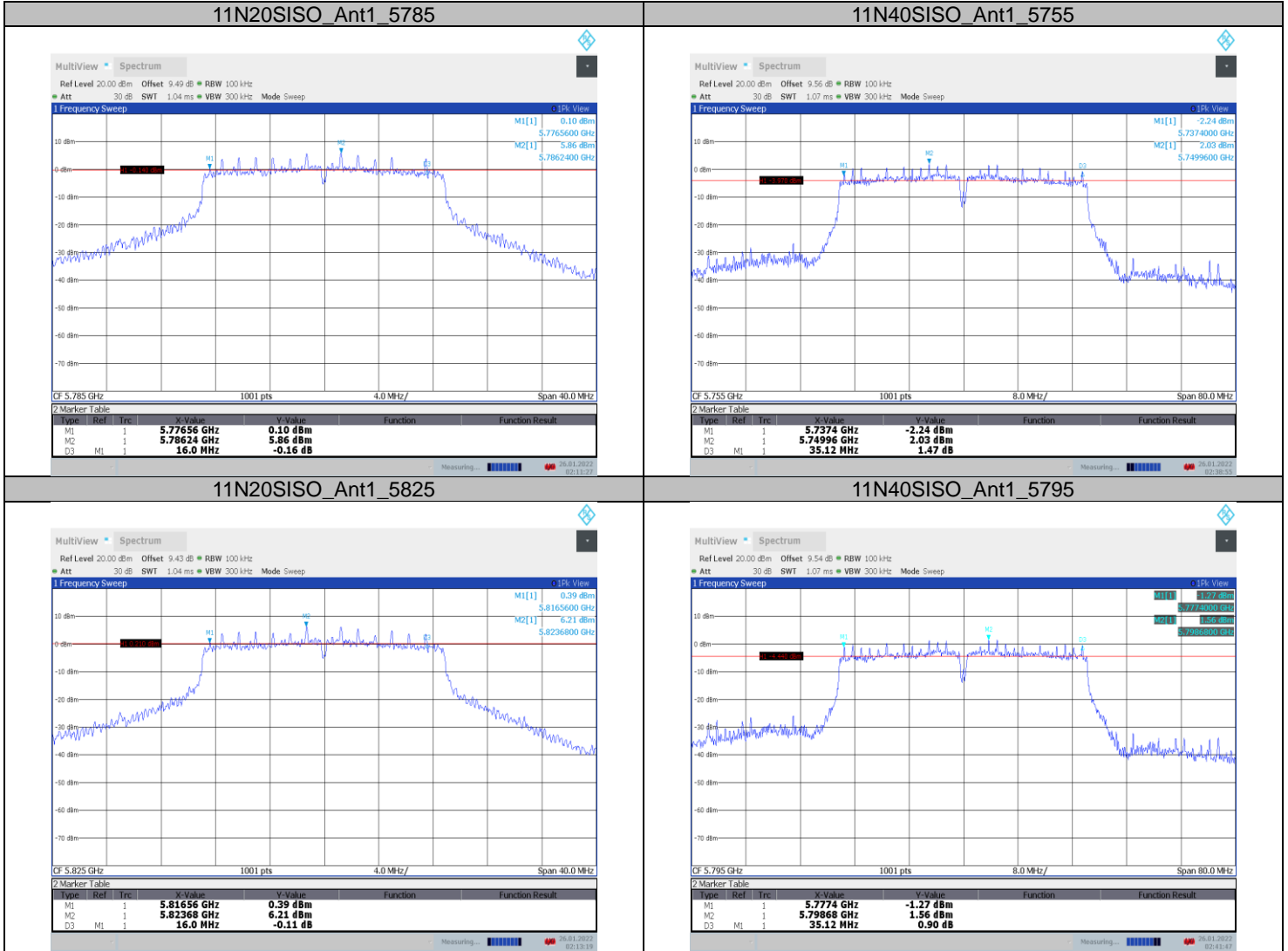


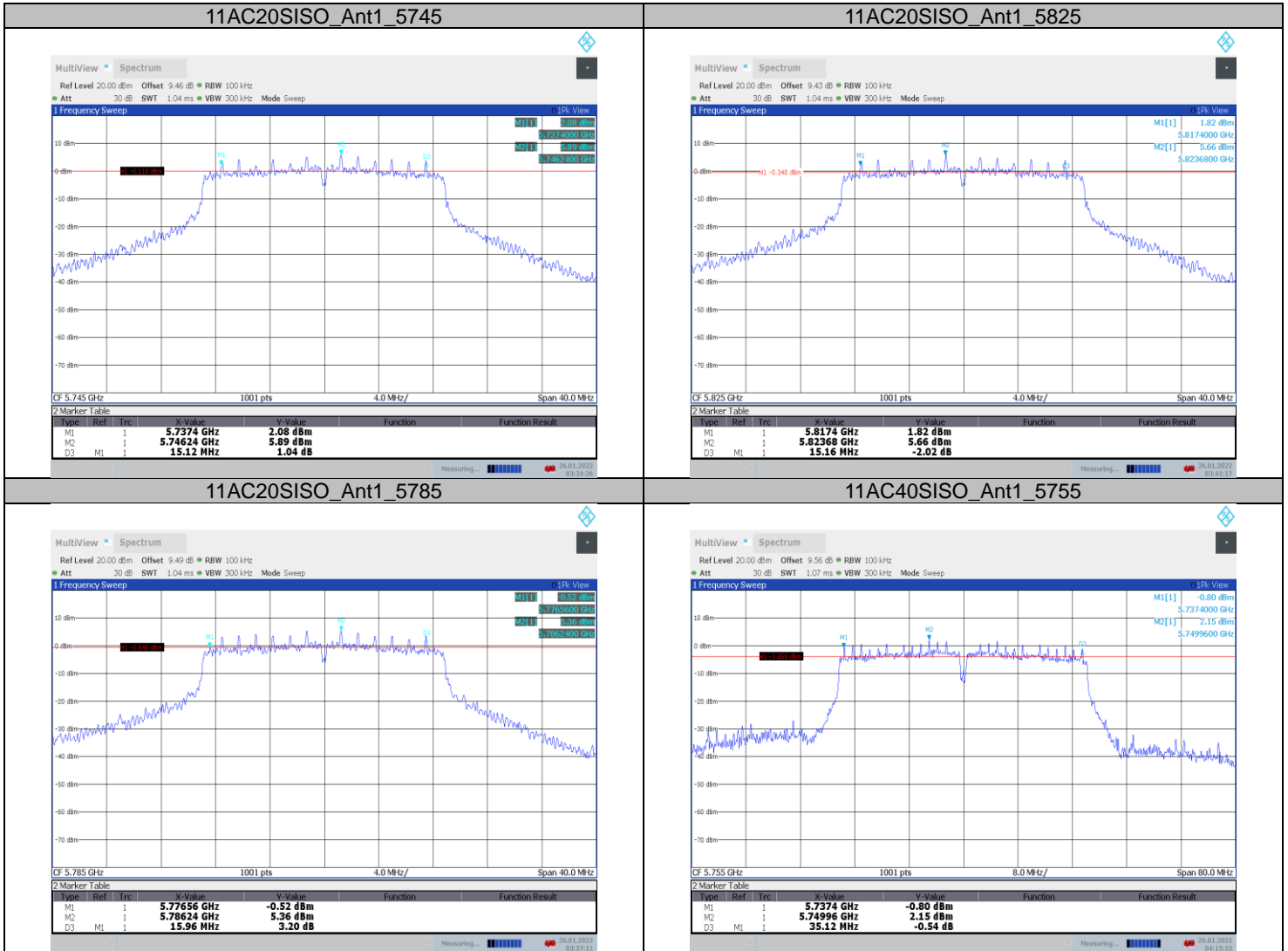


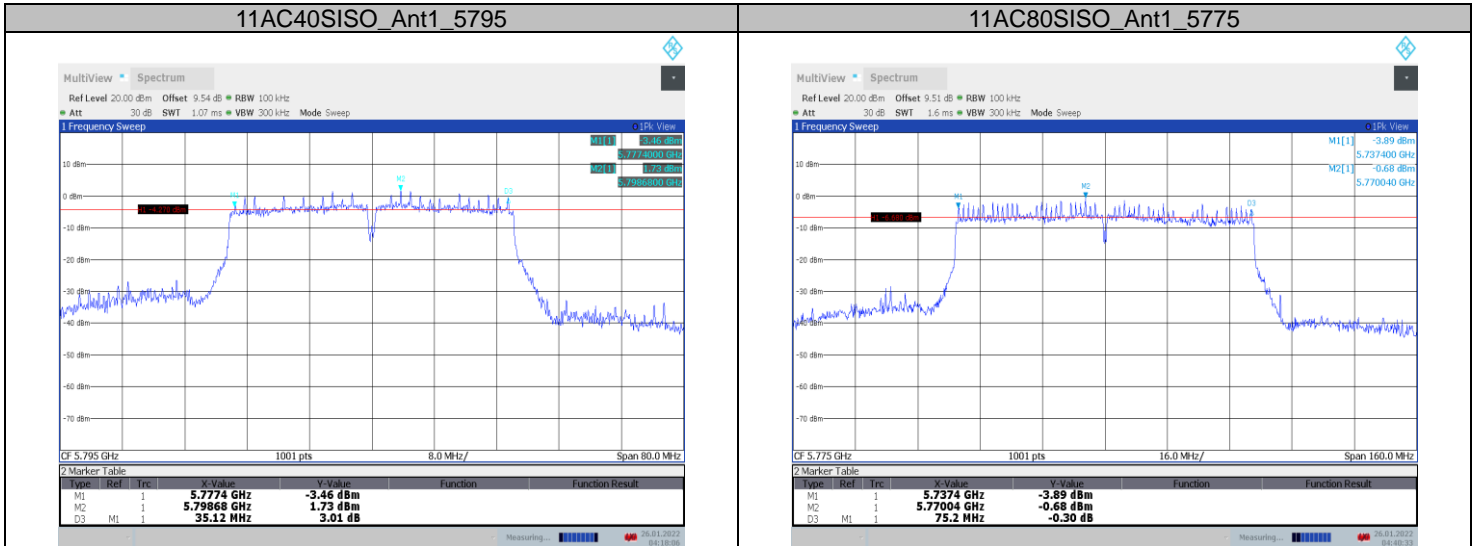


6dB Bandwidth









2. APPENDIX B: 99% EMISSION BANDWIDTH

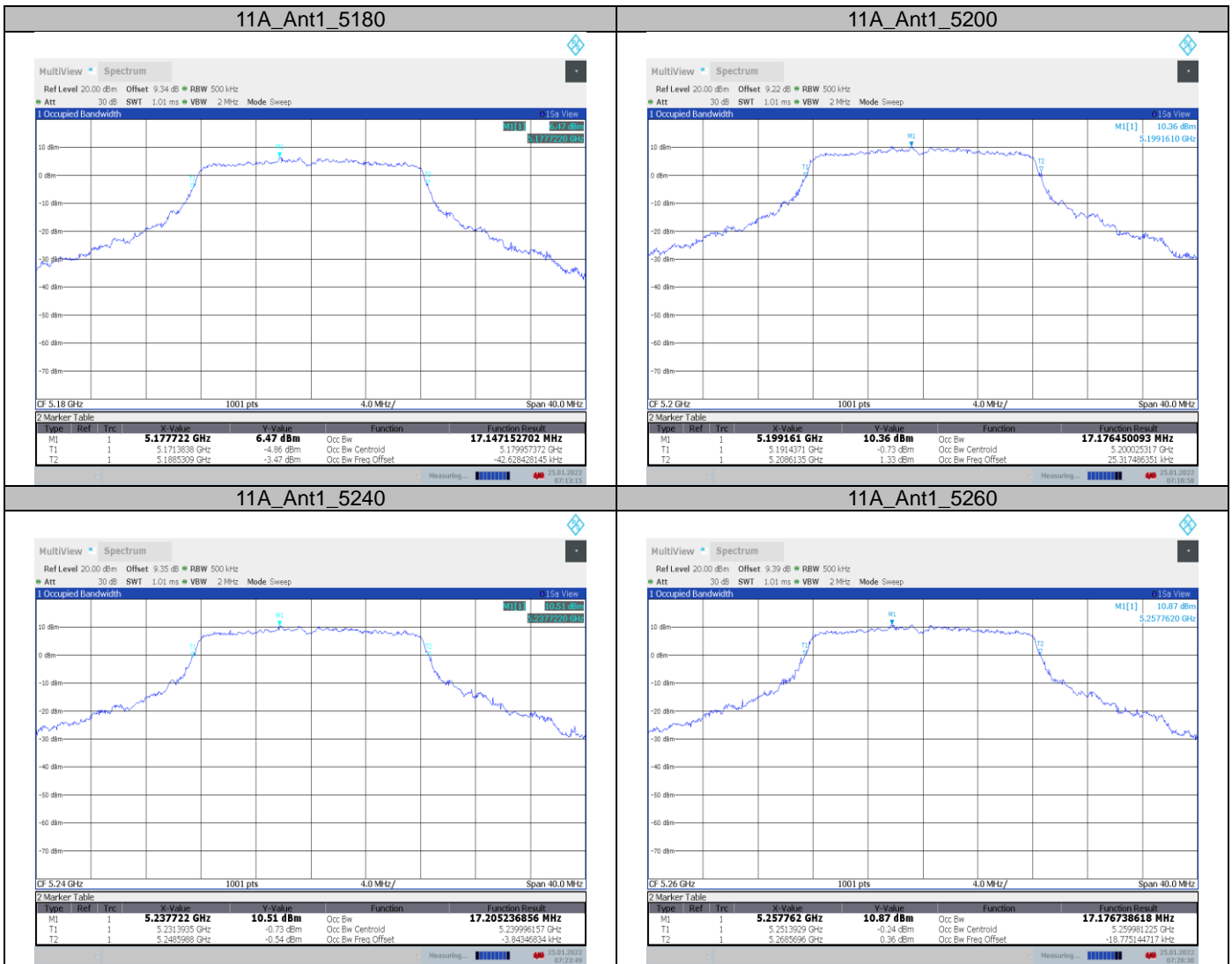
2.1 TEST RESULT

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.147	5171.384	5188.531	---	PASS
		5200	17.176	5191.437	5208.614	---	PASS
		5240	17.205	5231.394	5248.599	---	PASS
		5260	17.177	5251.393	5268.570	---	PASS
		5280	17.195	5271.391	5288.586	---	PASS
		5300	17.221	5291.416	5308.637	---	PASS
		5320	17.11	5311.407	5328.517	---	PASS
		5500	17.145	5491.338	5508.483	---	PASS
		5520	17.207	5511.389	5528.596	---	PASS
		5580	17.161	5571.410	5588.571	---	PASS
		5680	17.14	5671.402	5688.542	---	PASS
		5700	17.103	5691.419	5708.523	---	PASS
		5720	17.156	5711.389	5728.545	---	PASS
		5720_UNII-2C	13.611	5711.389	5725	---	PASS
		5720_UNII-3	3.545	5725	5728.545	---	PASS
		5745	17.146	5736.381	5753.527	---	PASS
		5785	17.219	5776.325	5793.544	---	PASS
		5825	17.139	5816.397	5833.536	---	PASS
11N20SISO	Ant1	5180	18.305	5170.883	5189.188	---	PASS
		5200	18.286	5190.905	5209.191	---	PASS
		5240	18.335	5230.870	5249.206	---	PASS
		5260	18.304	5250.873	5269.177	---	PASS
		5280	18.314	5270.867	5289.181	---	PASS
		5300	18.29	5290.900	5309.191	---	PASS
		5320	18.277	5310.848	5329.125	---	PASS
		5500	18.251	5490.842	5509.092	---	PASS
		5520	18.343	5510.842	5529.185	---	PASS
		5580	18.313	5570.853	5589.166	---	PASS
		5680	18.328	5670.849	5689.177	---	PASS
		5700	18.243	5690.905	5709.149	---	PASS
		5720	18.292	5710.865	5729.157	---	PASS
		5720_UNII-2C	14.135	5710.865	5725	---	PASS
		5720_UNII-3	4.157	5725	5729.157	---	PASS
		5745	18.27	5735.845	5754.116	---	PASS
		5785	18.358	5775.798	5794.156	---	PASS
		5825	18.304	5815.831	5834.135	---	PASS

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11N40SISO	Ant1	5190	36.561	5171.798	5208.359	---	PASS
		5230	36.616	5211.718	5248.334	---	PASS
		5270	36.56	5251.773	5288.334	---	PASS
		5310	36.517	5291.799	5328.316	---	PASS
		5510	36.579	5491.731	5528.310	---	PASS
		5550	36.567	5531.699	5568.266	---	PASS
		5630	36.478	5611.770	5648.248	---	PASS
		5670	36.725	5651.625	5688.351	---	PASS
		5710	36.564	5691.789	5728.353	---	PASS
		5710_UNII-2C	33.211	5691.789	5725	---	PASS
		5710_UNII-3	3.353	5725	5728.353	---	PASS
		5755	36.556	5736.691	5773.246	---	PASS
		5795	36.616	5776.714	5813.330	---	PASS
11AC20SISO	Ant1	5180	18.331	5170.859	5189.191	---	PASS
		5200	18.312	5190.893	5209.206	---	PASS
		5240	18.316	5230.869	5249.186	---	PASS
		5260	18.252	5250.886	5269.139	---	PASS
		5280	18.311	5270.853	5289.164	---	PASS
		5300	18.289	5290.895	5309.184	---	PASS
		5320	18.265	5310.855	5329.120	---	PASS
		5500	18.271	5490.838	5509.110	---	PASS
		5520	18.356	5510.834	5529.189	---	PASS
		5580	18.334	5570.838	5589.172	---	PASS
		5680	18.318	5670.854	5689.172	---	PASS
		5700	18.262	5690.902	5709.164	---	PASS
		5720	18.305	5710.859	5729.164	---	PASS
		5720_UNII-2C	14.141	5710.859	5725	---	PASS
		5720_UNII-3	4.164	5725	5729.164	---	PASS
		5745	18.273	5735.849	5754.123	---	PASS
		5785	18.354	5775.799	5794.153	---	PASS
5825	18.304	5815.833	5834.138	---	PASS		

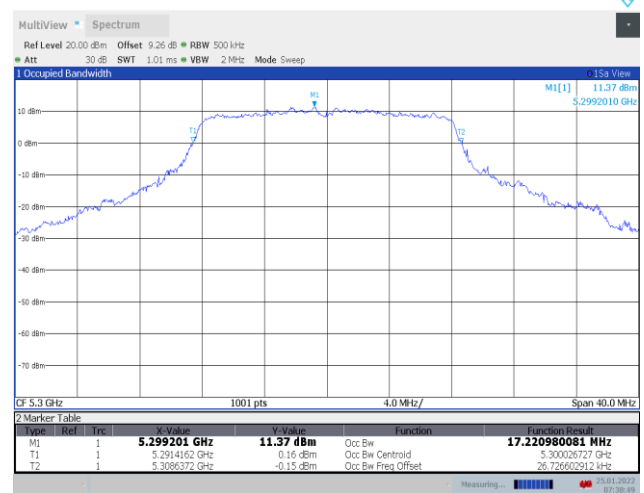
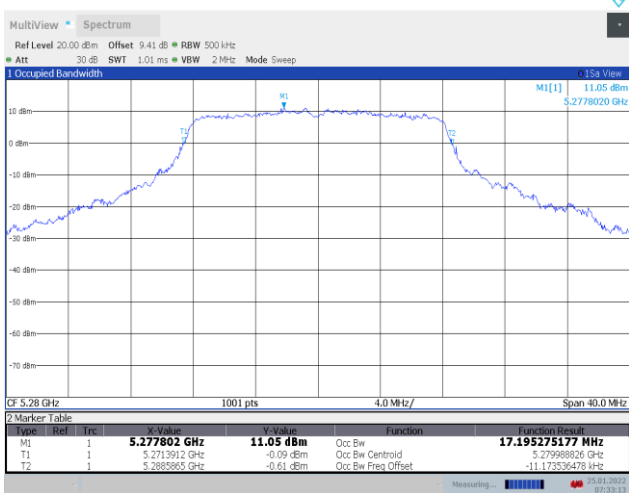
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11AC40SISO	Ant1	5190	36.545	5171.785	5208.331	---	PASS
		5230	36.566	5211.720	5248.286	---	PASS
		5270	36.494	5251.757	5288.251	---	PASS
		5310	36.414	5291.803	5328.217	---	PASS
		5510	36.522	5491.697	5528.218	---	PASS
		5550	36.492	5531.683	5568.176	---	PASS
		5630	36.424	5611.759	5648.183	---	PASS
		5670	36.631	5651.629	5688.259	---	PASS
		5710	36.453	5691.780	5728.233	---	PASS
		5710_UNII-2C	33.22	5691.780	5725	---	PASS
		5710_UNII-3	3.233	5725	5728.233	---	PASS
		5755	36.47	5736.702	5773.172	---	PASS
		5795	36.532	5776.726	5813.258	---	PASS
		11AC80SISO	Ant1	5210	75.779	5172.267	5248.046
5290	75.766			5252.208	5327.974	---	PASS
5530	75.836			5492.020	5567.856	---	PASS
5610	75.784			5572.053	5647.837	---	PASS
5690	76.108			5651.926	5728.034	---	PASS
5690_UNII-2C	73.074			5651.926	5725	---	PASS
5690_UNII-3	3.034			5725	5728.034	---	PASS
5775	75.935			5736.934	5812.868	---	PASS

2.2 TEST GRAPHS



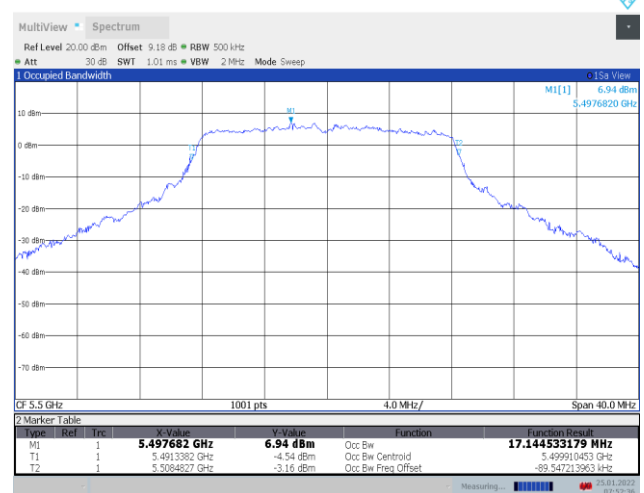
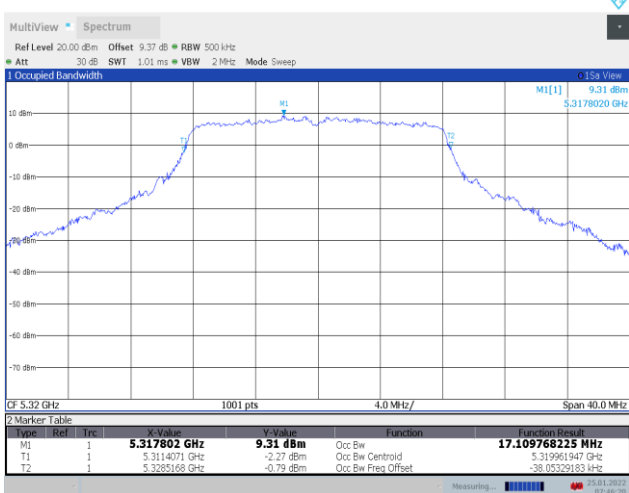
11A_Ant1_5280

11A_Ant1_5300

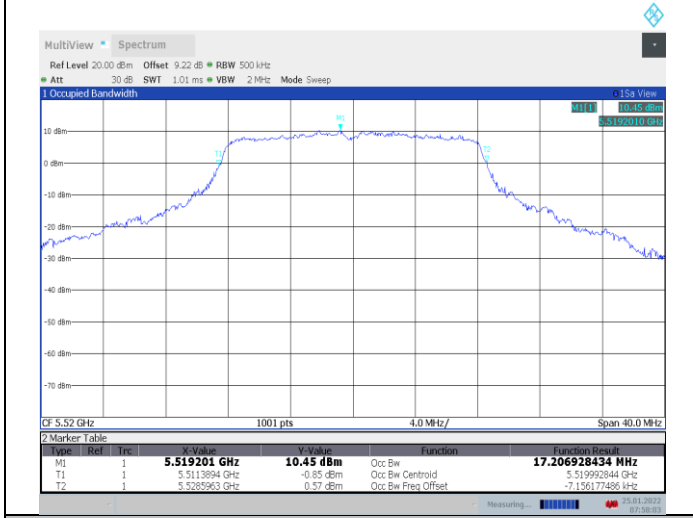


11A_Ant1_5320

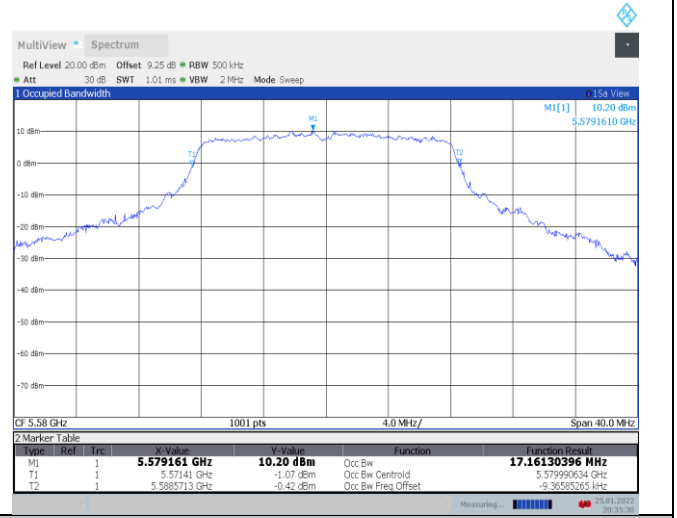
11A_Ant1_5500



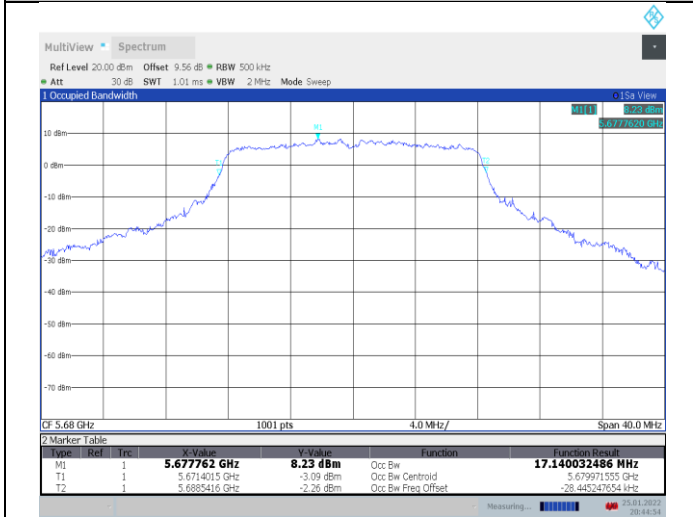
11A_Ant1_5520



11A_Ant1_5580



11A_Ant1_5680



11A_Ant1_5700

