

Appendix: 5G Wi-Fi Band 1

Contents

Appendix A1: Emission Bandwidth3

 Test Result 3

 Test Graphs 6

Appendix A2: Occupied channel bandwidth 50

 Test Result 50

 Test Graphs 53

Appendix B: Duty Cycle97

 Test Result 97

 Test Graphs 100

Appendix C: Maximum conducted output power144

 Test Result Channel Power144

 Test Graphs Channel Power 150

Appendix D: Maximum power spectral density 233

 Test Result 233

 Test Graphs 238

Appendix E: Frequency Stability 321

 Test Result 321

Appendix A1: Emission Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	21.24	5169.76	5191.00	---	---
11A	Ant2	5180	20.88	5170.72	5191.60	---	---
11A	Ant3	5180	20.84	5169.16	5190.00	---	---
11A	Ant1	5220	18.44	5210.76	5229.20	---	---
11A	Ant2	5220	18.36	5210.80	5229.16	---	---
11A	Ant3	5220	18.48	5210.76	5229.24	---	---
11A	Ant1	5240	18.40	5230.76	5249.16	---	---
11A	Ant2	5240	18.56	5230.76	5249.32	---	---
11A	Ant3	5240	18.44	5230.76	5249.20	---	---
11N20SISO	Ant1	5180	21.16	5169.68	5190.84	---	---
11N20SISO	Ant2	5180	19.56	5170.04	5189.60	---	---
11N20SISO	Ant3	5180	19.56	5170.36	5189.92	---	---
11N20SISO	Ant1	5220	19.00	5210.52	5229.52	---	---
11N20SISO	Ant2	5220	19.04	5210.48	5229.52	---	---
11N20SISO	Ant3	5220	19.00	5210.48	5229.48	---	---
11N20SISO	Ant1	5240	19.00	5230.52	5249.52	---	---
11N20SISO	Ant2	5240	18.96	5230.52	5249.48	---	---
11N20SISO	Ant3	5240	19.04	5230.48	5249.52	---	---
11N40SISO	Ant1	5190	39.92	5170.56	5210.48	---	---
11N40SISO	Ant2	5190	40.32	5170.48	5210.80	---	---
11N40SISO	Ant3	5190	44.08	5165.36	5209.44	---	---
11N40SISO	Ant1	5230	38.80	5210.64	5249.44	---	---
11N40SISO	Ant2	5230	38.80	5210.64	5249.44	---	---
11N40SISO	Ant3	5230	38.80	5210.56	5249.36	---	---
11AC20SISO	Ant1	5180	20.24	5169.48	5189.72	---	---
11AC20SISO	Ant2	5180	23.16	5169.88	5193.04	---	---
11AC20SISO	Ant3	5180	20.44	5169.52	5189.96	---	---
11AC20SISO	Ant1	5220	18.96	5210.48	5229.44	---	---
11AC20SISO	Ant2	5220	19.00	5210.52	5229.52	---	---
11AC20SISO	Ant3	5220	18.92	5210.52	5229.44	---	---
11AC20SISO	Ant1	5240	19.00	5230.48	5249.48	---	---
11AC20SISO	Ant2	5240	19.00	5230.48	5249.48	---	---
11AC20SISO	Ant3	5240	19.00	5230.48	5249.48	---	---
11AC40SISO	Ant1	5190	38.88	5170.56	5209.44	---	---
11AC40SISO	Ant2	5190	38.64	5170.80	5209.44	---	---

11AC40SISO	Ant3	5190	39.20	5170.40	5209.60	---	---
11AC40SISO	Ant1	5230	38.72	5210.64	5249.36	---	---
11AC40SISO	Ant2	5230	38.56	5210.72	5249.28	---	---
11AC40SISO	Ant3	5230	38.48	5210.72	5249.20	---	---
11AC80SISO	Ant1	5210	85.44	5170.16	5255.60	---	---
11AC80SISO	Ant2	5210	85.28	5170.16	5255.44	---	---
11AC80SISO	Ant3	5210	79.52	5170.16	5249.68	---	---
11AC160SISO	Ant1	5250	169.28	5165.84	5335.12	---	---
11AC160SISO	Ant2	5250	163.52	5169.04	5332.56	---	---
11AC160SISO	Ant3	5250	168.00	5164.56	5332.56	---	---
11AC160SISO	Ant1	5250_UNII-1	84.16	5165.84	5250	---	---
11AC160SISO	Ant2	5250_UNII-1	80.96	5169.04	5250	---	---
11AC160SISO	Ant3	5250_UNII-1	85.44	5164.56	5250	---	---
11AX20SISO	Ant1	5180	21.44	5168.56	5190.00	---	---
11AX20SISO	Ant2	5180	20.00	5170.00	5190.00	---	---
11AX20SISO	Ant3	5180	20.40	5169.60	5190.00	---	---
11AX20SISO	Ant1	5220	19.96	5210.00	5229.96	---	---
11AX20SISO	Ant2	5220	19.96	5210.04	5230.00	---	---
11AX20SISO	Ant3	5220	20.04	5209.92	5229.96	---	---
11AX20SISO	Ant1	5240	19.88	5230.04	5249.92	---	---
11AX20SISO	Ant2	5240	20.00	5230.00	5250.00	---	---
11AX20SISO	Ant3	5240	19.92	5230.00	5249.92	---	---
11AX40SISO	Ant1	5190	39.84	5170.08	5209.92	---	---
11AX40SISO	Ant2	5190	39.84	5170.16	5210.00	---	---
11AX40SISO	Ant3	5190	40.00	5170.08	5210.08	---	---
11AX40SISO	Ant1	5230	39.76	5210.16	5249.92	---	---
11AX40SISO	Ant2	5230	39.84	5210.08	5249.92	---	---
11AX40SISO	Ant3	5230	39.76	5210.16	5249.92	---	---
11AX80SISO	Ant1	5210	80.64	5169.68	5250.32	---	---
11AX80SISO	Ant2	5210	80.48	5169.84	5250.32	---	---
11AX80SISO	Ant3	5210	80.48	5169.68	5250.16	---	---
11AX160SISO	Ant1	5250	162.88	5168.40	5331.28	---	---
11AX160SISO	Ant2	5250	163.20	5168.72	5331.92	---	---
11AX160SISO	Ant3	5250	320.00	5090.00	5410.00	---	---
11AX160SISO	Ant1	5250_UNII-1	81.6	5168.40	5250	---	---
11AX160SISO	Ant2	5250_UNII-1	81.28	5168.72	5250	---	---
11AX160SISO	Ant3	5250_UNII-1	160	5090.00	5250	---	---
11BE20SISO	Ant1	5180	19.96	5170.00	5189.96	---	---
11BE20SISO	Ant2	5180	23.60	5169.44	5193.04	---	---
11BE20SISO	Ant3	5180	20.00	5169.96	5189.96	---	---
11BE20SISO	Ant1	5220	19.96	5210.00	5229.96	---	---

11BE20SISO	Ant2	5220	19.96	5210.00	5229.96	---	---
11BE20SISO	Ant3	5220	19.92	5210.00	5229.92	---	---
11BE20SISO	Ant1	5240	19.92	5230.04	5249.96	---	---
11BE20SISO	Ant2	5240	19.96	5230.00	5249.96	---	---
11BE20SISO	Ant3	5240	20.00	5230.00	5250.00	---	---
11BE40SISO	Ant1	5190	39.76	5170.08	5209.84	---	---
11BE40SISO	Ant2	5190	39.84	5170.16	5210.00	---	---
11BE40SISO	Ant3	5190	39.84	5170.00	5209.84	---	---
11BE40SISO	Ant1	5230	39.76	5210.08	5249.84	---	---
11BE40SISO	Ant2	5230	39.68	5210.16	5249.84	---	---
11BE40SISO	Ant3	5230	39.92	5210.00	5249.92	---	---
11BE80SISO	Ant1	5210	81.44	5169.68	5251.12	---	---
11BE80SISO	Ant2	5210	81.60	5169.52	5251.12	---	---
11BE80SISO	Ant3	5210	82.88	5167.60	5250.48	---	---
11BE160SISO	Ant1	5250	162.88	5168.40	5331.28	---	---
11BE160SISO	Ant2	5250	162.88	5168.72	5331.60	---	---
11BE160SISO	Ant3	5250	166.08	5165.52	5331.60	---	---
11BE160SISO	Ant1	5250_UNII-1	81.6	5168.40	5250	---	---
11BE160SISO	Ant2	5250_UNII-1	81.28	5168.72	5250	---	---
11BE160SISO	Ant3	5250_UNII-1	84.48	5165.52	5250	---	---

Test Graphs





11A-Ant3-5180



11A-Ant1-5220



11A-Ant2-5220



11A-Ant3-5220



11A-Ant1-5240



11A-Ant2-5240























11AC20SISO-Ant2-5220



11AC20SISO-Ant3-5220





















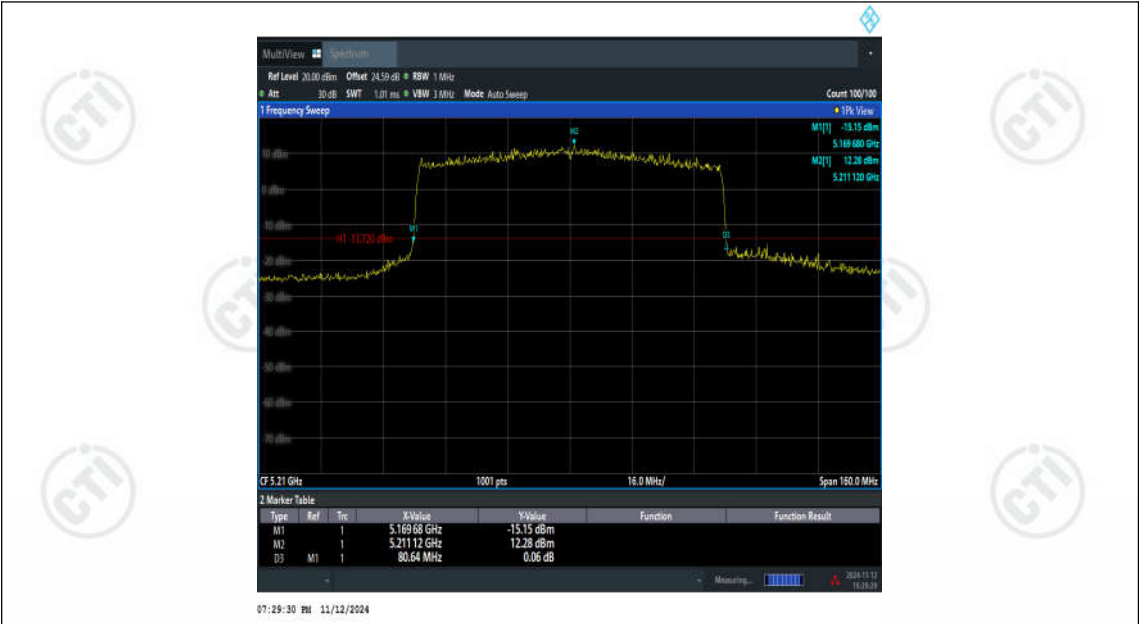




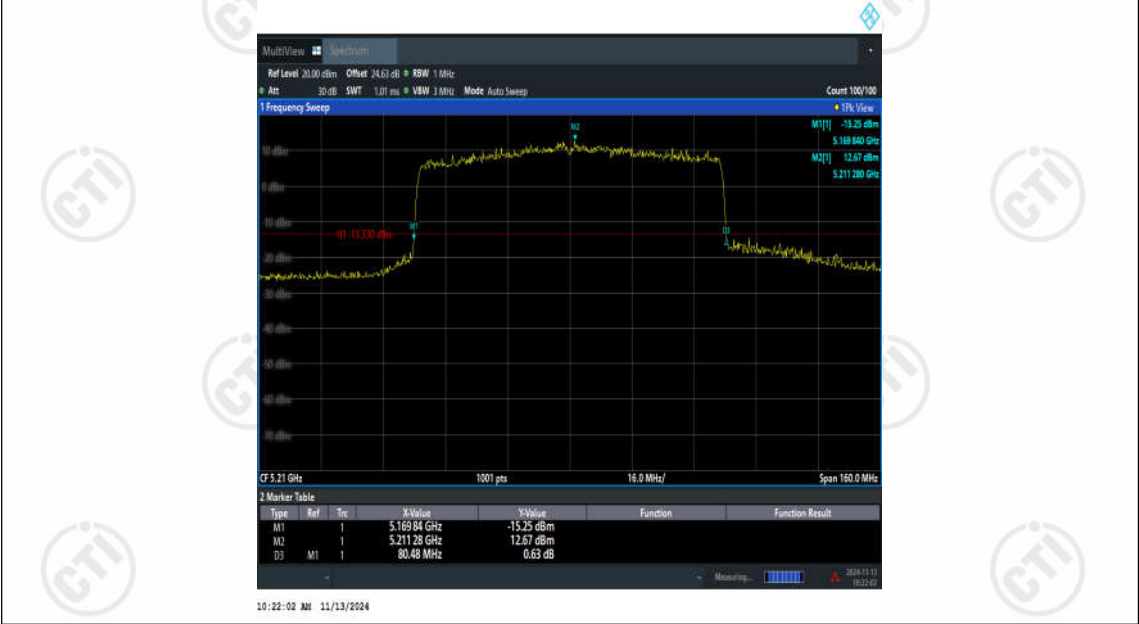








11AX80SISO-Ant1-5210



11AX80SISO-Ant2-5210



























Appendix A2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
11A	Ant1	5180	16.716	5171.6277	5188.3438	---	---
11A	Ant2	5180	16.712	5171.6471	5188.3588	---	---
11A	Ant3	5180	16.732	5171.5976	5188.3300	---	---
11A	Ant1	5220	16.619	5211.6654	5228.2849	---	---
11A	Ant2	5220	16.608	5211.6882	5228.2959	---	---
11A	Ant3	5220	16.606	5211.6709	5228.2772	---	---
11A	Ant1	5240	16.628	5231.6690	5248.2967	---	---
11A	Ant2	5240	16.626	5231.6940	5248.3204	---	---
11A	Ant3	5240	16.659	5231.6448	5248.3038	---	---
11N20SISO	Ant1	5180	17.723	5171.1292	5188.8521	---	---
11N20SISO	Ant2	5180	17.715	5171.1452	5188.8607	---	---
11N20SISO	Ant3	5180	17.731	5171.1135	5188.8441	---	---
11N20SISO	Ant1	5220	17.617	5211.1758	5228.7925	---	---
11N20SISO	Ant2	5220	17.631	5211.1797	5228.8110	---	---
11N20SISO	Ant3	5220	17.61	5211.1589	5228.7686	---	---
11N20SISO	Ant1	5240	17.612	5231.1849	5248.7965	---	---
11N20SISO	Ant2	5240	17.631	5231.2083	5248.8391	---	---
11N20SISO	Ant3	5240	17.637	5231.1571	5248.7938	---	---
11N40SISO	Ant1	5190	35.994	5171.9880	5207.9819	---	---
11N40SISO	Ant2	5190	35.968	5172.0776	5208.0460	---	---
11N40SISO	Ant3	5190	35.994	5171.9350	5207.9291	---	---
11N40SISO	Ant1	5230	35.905	5212.0407	5247.9455	---	---
11N40SISO	Ant2	5230	35.897	5212.0833	5247.9807	---	---
11N40SISO	Ant3	5230	35.909	5211.9846	5247.8931	---	---
11AC20SISO	Ant1	5180	17.753	5171.1153	5188.8680	---	---
11AC20SISO	Ant2	5180	17.673	5171.1678	5188.8406	---	---
11AC20SISO	Ant3	5180	17.699	5171.1174	5188.8165	---	---
11AC20SISO	Ant1	5220	17.617	5211.1705	5228.7872	---	---
11AC20SISO	Ant2	5220	17.563	5211.2134	5228.7768	---	---
11AC20SISO	Ant3	5220	17.587	5211.1554	5228.7422	---	---
11AC20SISO	Ant1	5240	17.62	5231.1753	5248.7952	---	---
11AC20SISO	Ant2	5240	17.583	5231.2036	5248.7871	---	---
11AC20SISO	Ant3	5240	17.605	5231.1585	5248.7633	---	---
11AC40SISO	Ant1	5190	36.017	5171.9892	5208.0061	---	---

11AC40SISO	Ant2	5190	35.965	5172.0990	5208.0639	---	---
11AC40SISO	Ant3	5190	35.949	5171.9682	5207.9177	---	---
11AC40SISO	Ant1	5230	35.91	5212.0495	5247.9592	---	---
11AC40SISO	Ant2	5230	35.86	5212.1162	5247.9762	---	---
11AC40SISO	Ant3	5230	35.868	5211.9821	5247.8505	---	---
11AC80SISO	Ant1	5210	75.597	5172.2294	5247.8268	---	---
11AC80SISO	Ant2	5210	75.386	5172.5470	5247.9327	---	---
11AC80SISO	Ant3	5210	75.321	5172.1534	5247.4749	---	---
11AC160SISO	Ant1	5250	155.115	5172.0129	5327.1281	---	---
11AC160SISO	Ant2	5250	154.7	5172.8009	5327.5009	---	---
11AC160SISO	Ant3	5250	155.478	5171.7786	5327.2566	---	---
11AC160SISO	Ant1	5250_UNII-1	77.987	5172.0129	5250	---	---
11AC160SISO	Ant2	5250_UNII-1	77.199	5172.8009	5250	---	---
11AC160SISO	Ant3	5250_UNII-1	78.221	5171.7786	5250	---	---
11AC160SISO	Ant1	5250_UNII-2 A	77.128	5250	5327.1281	---	---
11AC160SISO	Ant2	5250_UNII-2 A	77.501	5250	5327.5009	---	---
11AC160SISO	Ant3	5250_UNII-2 A	77.257	5250	5327.2566	---	---
11AX20SISO	Ant1	5180	18.969	5170.5062	5189.4757	---	---
11AX20SISO	Ant2	5180	18.957	5170.5227	5189.4792	---	---
11AX20SISO	Ant3	5180	18.984	5170.4765	5189.4601	---	---
11AX20SISO	Ant1	5220	18.936	5210.5178	5229.4538	---	---
11AX20SISO	Ant2	5220	18.915	5210.5349	5229.4503	---	---
11AX20SISO	Ant3	5220	18.916	5210.5098	5229.4261	---	---
11AX20SISO	Ant1	5240	18.902	5230.5295	5249.4312	---	---
11AX20SISO	Ant2	5240	18.885	5230.5579	5249.4427	---	---
11AX20SISO	Ant3	5240	18.915	5230.5047	5249.4195	---	---
11AX40SISO	Ant1	5190	37.757	5171.1227	5208.8794	---	---
11AX40SISO	Ant2	5190	37.73	5171.1787	5208.9087	---	---
11AX40SISO	Ant3	5190	37.736	5171.1086	5208.8448	---	---
11AX40SISO	Ant1	5230	37.664	5211.1660	5248.8298	---	---
11AX40SISO	Ant2	5230	37.661	5211.1900	5248.8507	---	---
11AX40SISO	Ant3	5230	37.651	5211.0880	5248.7389	---	---
11AX80SISO	Ant1	5210	77.207	5171.3493	5248.5560	---	---
11AX80SISO	Ant2	5210	77.143	5171.7305	5248.8736	---	---
11AX80SISO	Ant3	5210	77.093	5171.2457	5248.3388	---	---
11AX160SISO	Ant1	5250	157.114	5170.9715	5328.0854	---	---
11AX160SISO	Ant2	5250	156.475	5172.1275	5328.6027	---	---
11AX160SISO	Ant3	5250	156.855	5171.3913	5328.2459	---	---
11AX160SISO	Ant1	5250_UNII-1	79.029	5170.9715	5250	---	---

11AX160SISO	Ant2	5250_UNII-1	77.873	5172.1275	5250	---	---
11AX160SISO	Ant3	5250_UNII-1	78.609	5171.3913	5250	---	---
11BE20SISO	Ant1	5180	18.985	5170.4951	5189.4797	---	---
11BE20SISO	Ant2	5180	18.968	5170.5064	5189.4748	---	---
11BE20SISO	Ant3	5180	18.958	5170.4879	5189.4456	---	---
11BE20SISO	Ant1	5220	18.916	5210.5290	5229.4452	---	---
11BE20SISO	Ant2	5220	18.905	5210.5309	5229.4363	---	---
11BE20SISO	Ant3	5220	18.942	5210.4910	5229.4329	---	---
11BE20SISO	Ant1	5240	18.943	5230.5140	5249.4570	---	---
11BE20SISO	Ant2	5240	18.934	5230.5224	5249.4564	---	---
11BE20SISO	Ant3	5240	18.924	5230.5140	5249.4382	---	---
11BE40SISO	Ant1	5190	37.863	5171.0932	5208.9559	---	---
11BE40SISO	Ant2	5190	37.706	5171.1934	5208.8997	---	---
11BE40SISO	Ant3	5190	37.762	5171.0265	5208.7882	---	---
11BE40SISO	Ant1	5230	37.797	5211.0630	5248.8604	---	---
11BE40SISO	Ant2	5230	37.565	5211.2017	5248.7668	---	---
11BE40SISO	Ant3	5230	37.818	5210.9798	5248.7979	---	---
11BE80SISO	Ant1	5210	77.246	5171.3268	5248.5733	---	---
11BE80SISO	Ant2	5210	77.183	5171.5711	5248.7538	---	---
11BE80SISO	Ant3	5210	77.314	5171.1835	5248.4978	---	---
11BE160SISO	Ant1	5250	157.052	5171.0520	5328.1039	---	---
11BE160SISO	Ant2	5250	156.412	5172.0834	5328.4955	---	---
11BE160SISO	Ant3	5250	157.573	5170.3476	5327.9206	---	---
11BE160SISO	Ant1	5250_UNII-1	78.948	5171.0520	5250	---	---
11BE160SISO	Ant2	5250_UNII-1	77.917	5172.0834	5250	---	---
11BE160SISO	Ant3	5250_UNII-1	79.652	5170.3476	5250	---	---

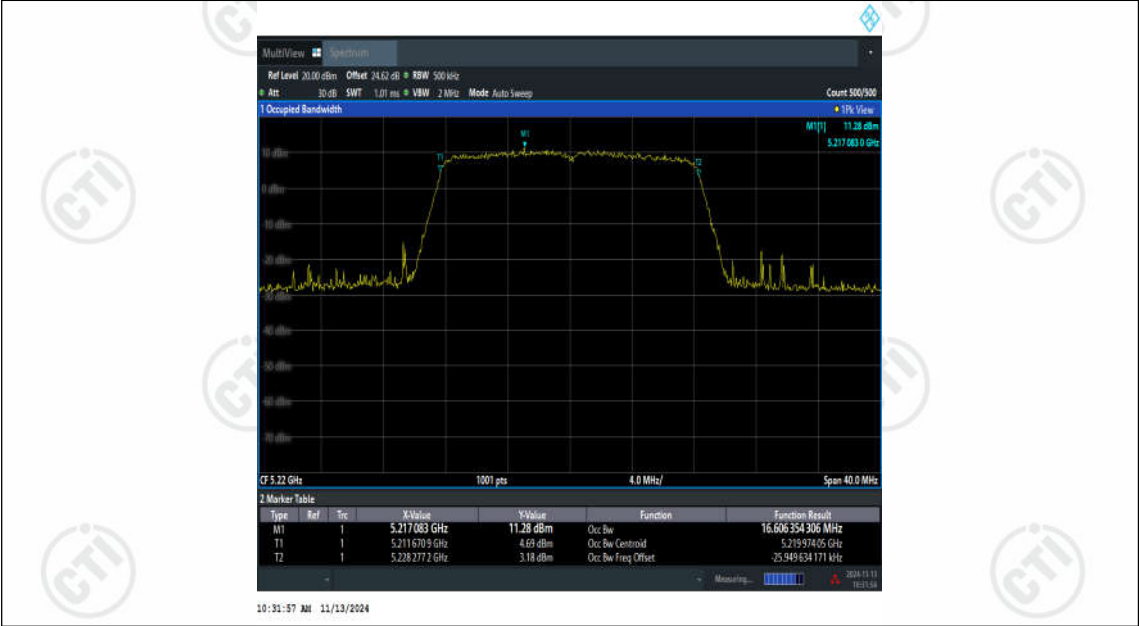
Test Graphs







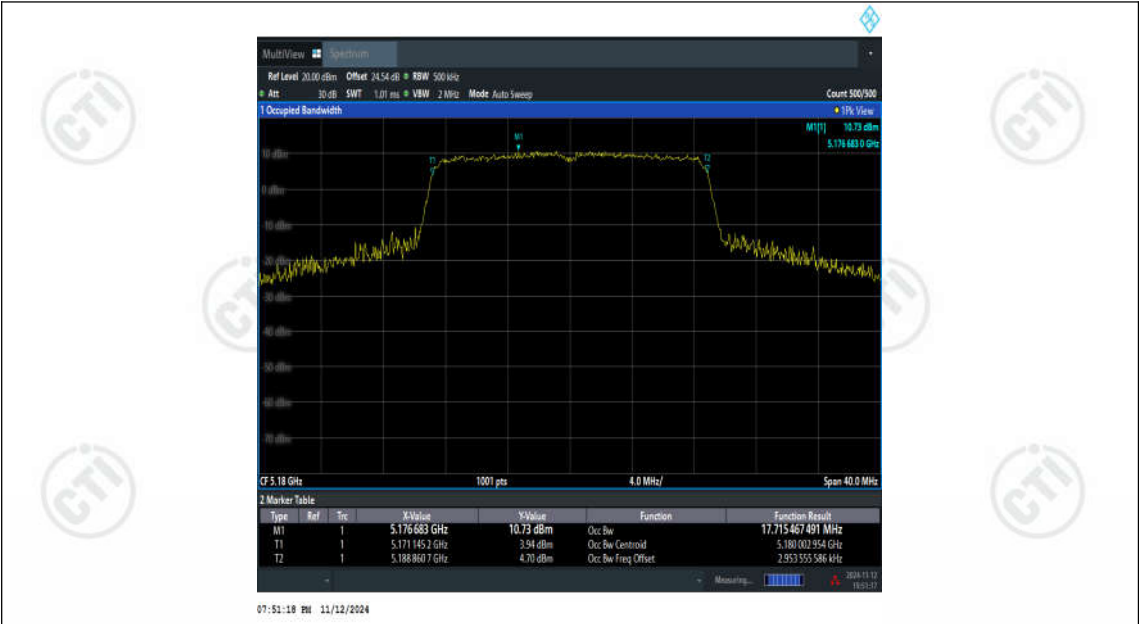
11A-Ant2-5220



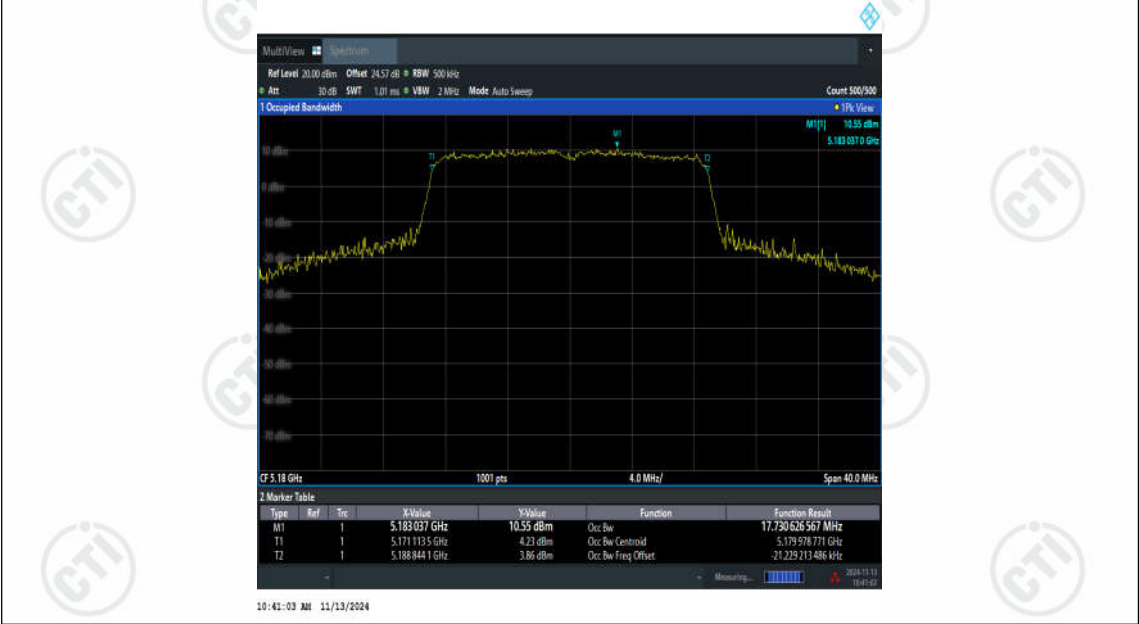
11A-Ant3-5220





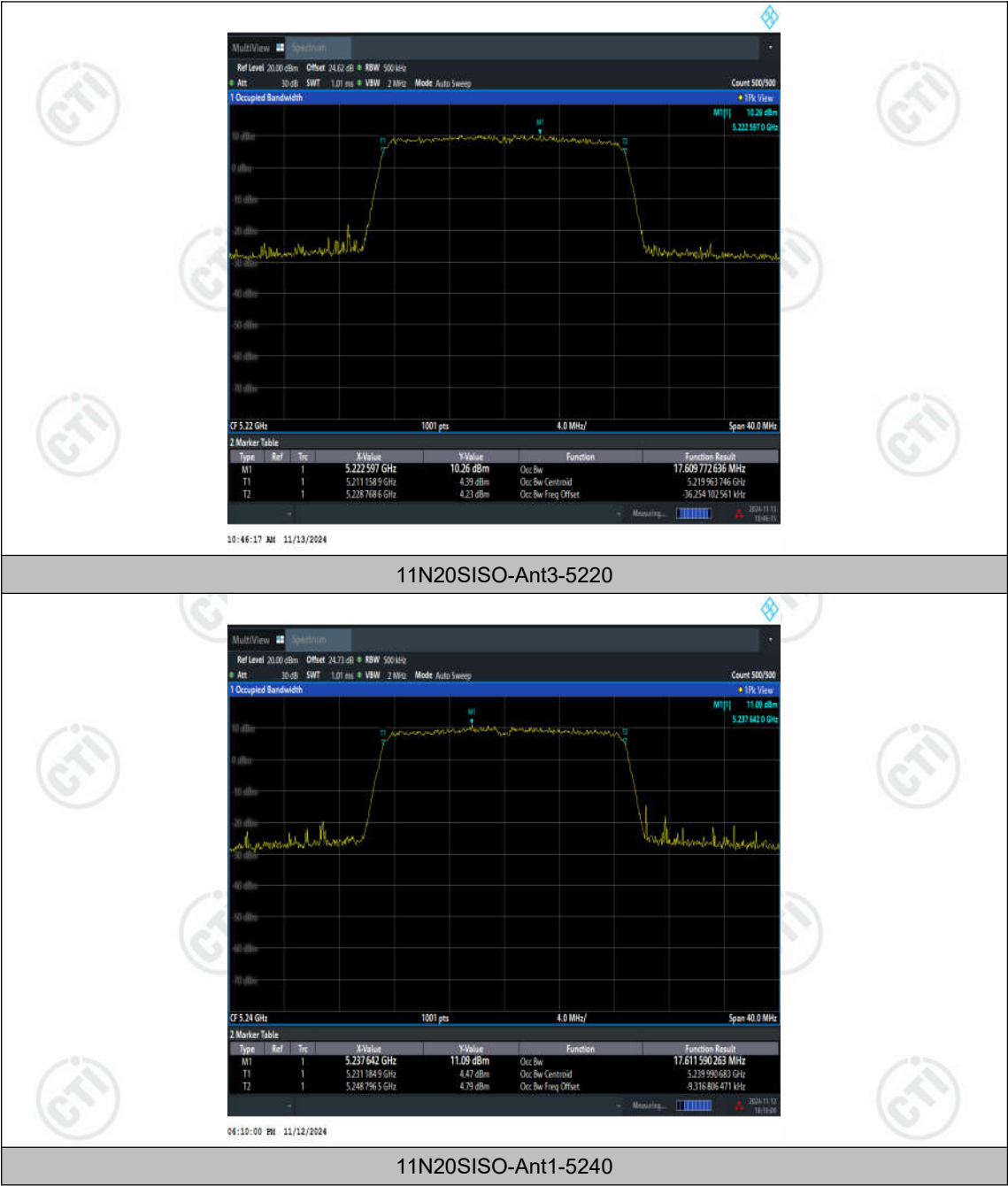


11N20SISO-Ant2-5180



11N20SISO-Ant3-5180









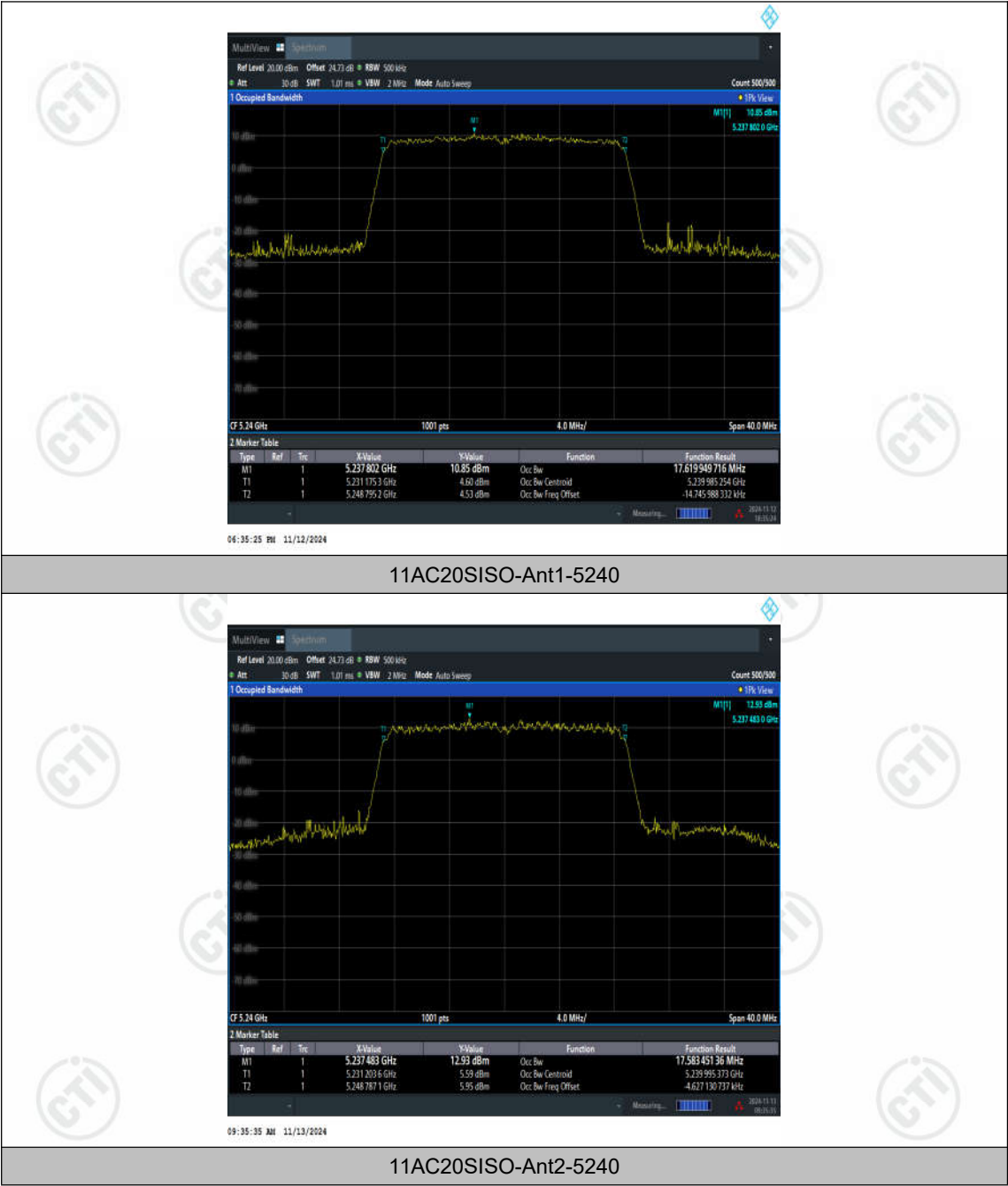




























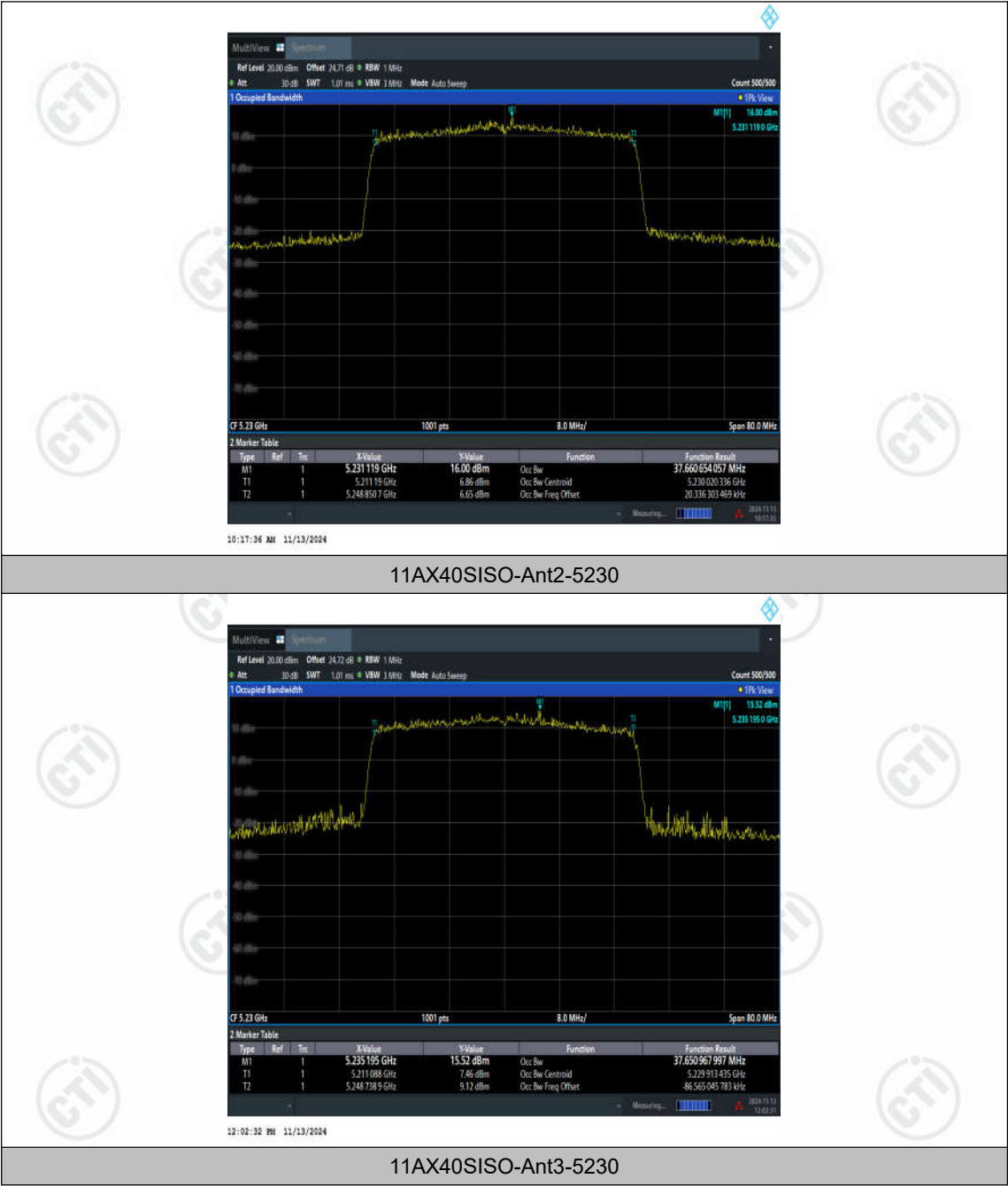




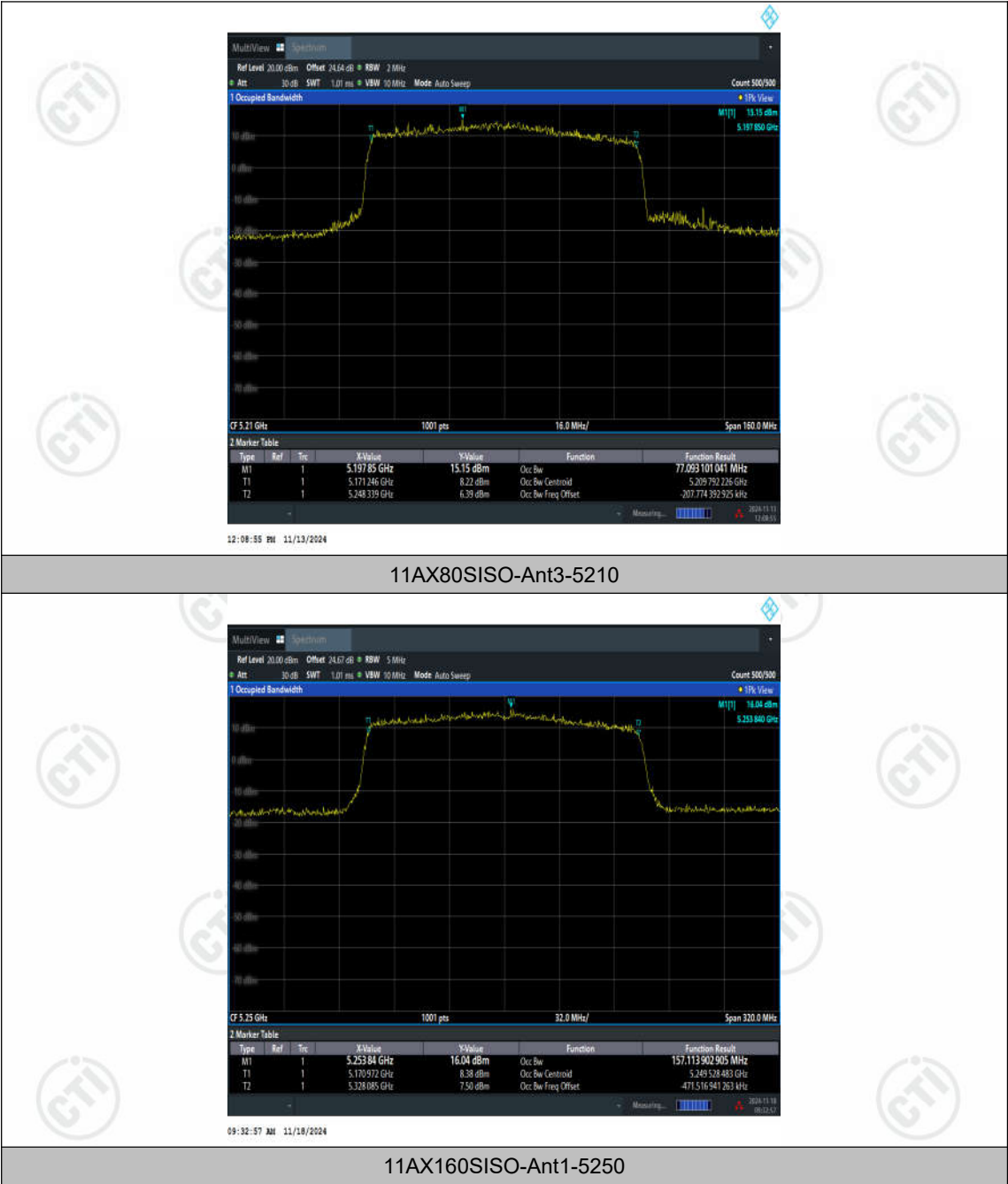


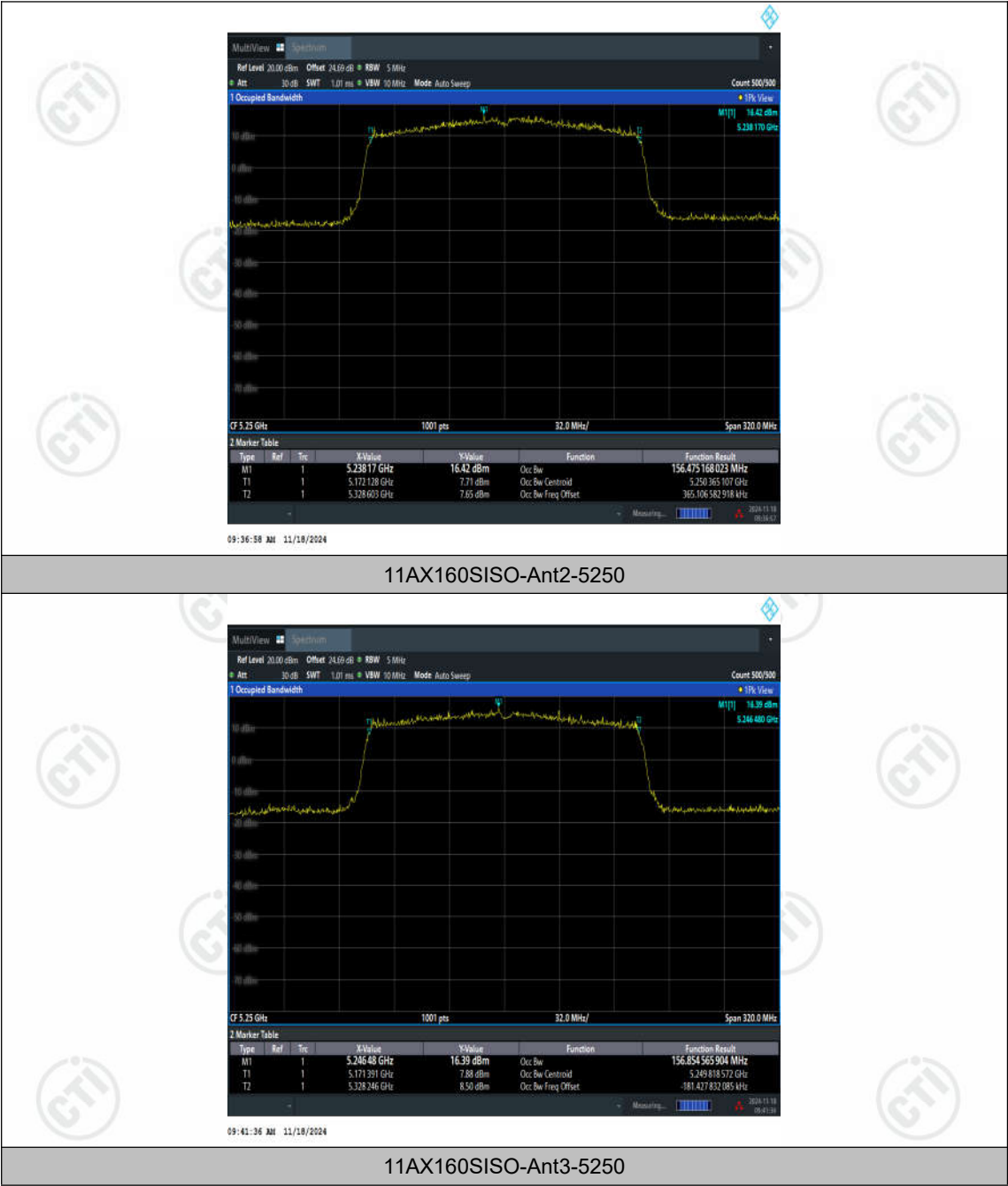




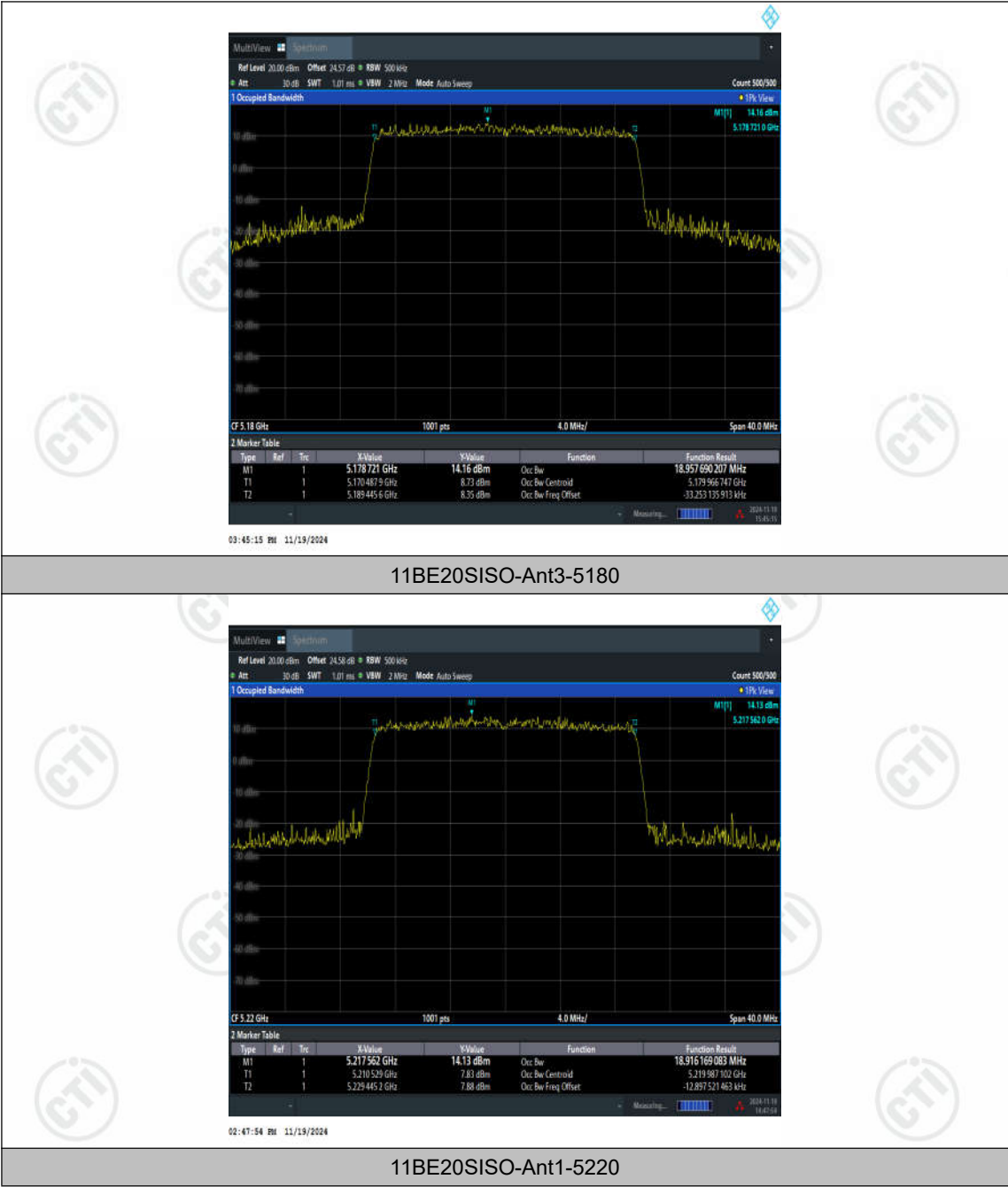


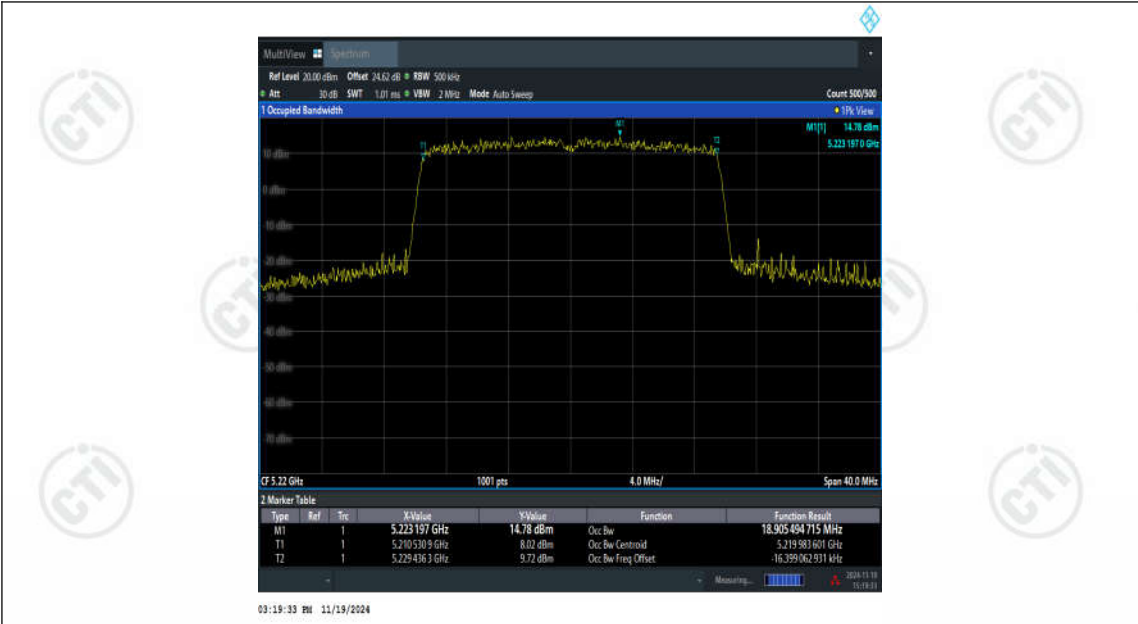




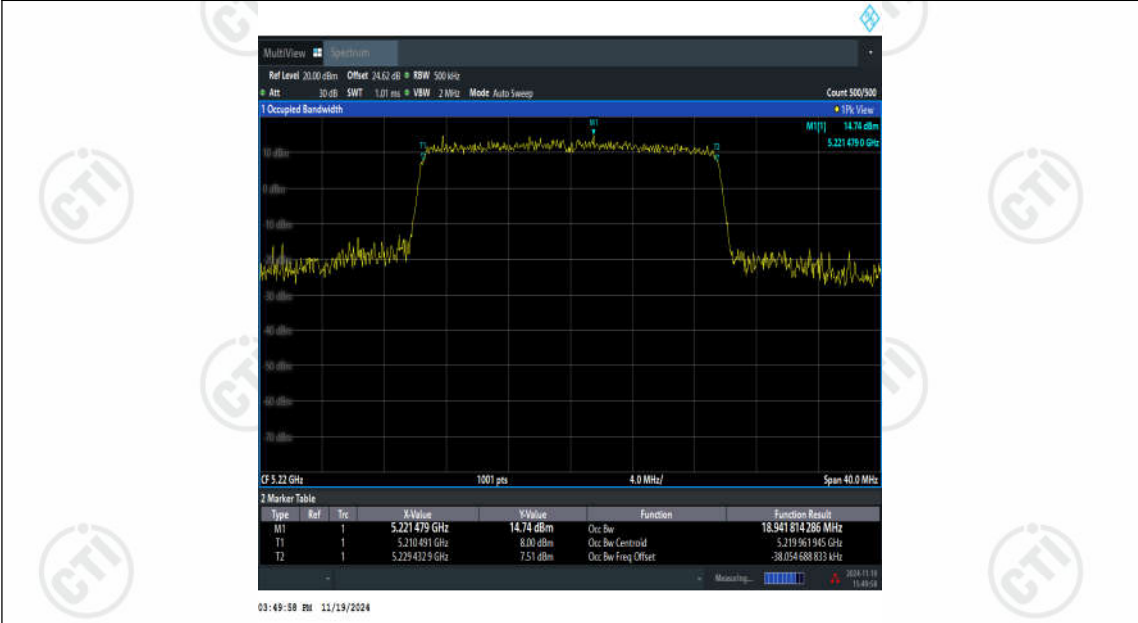




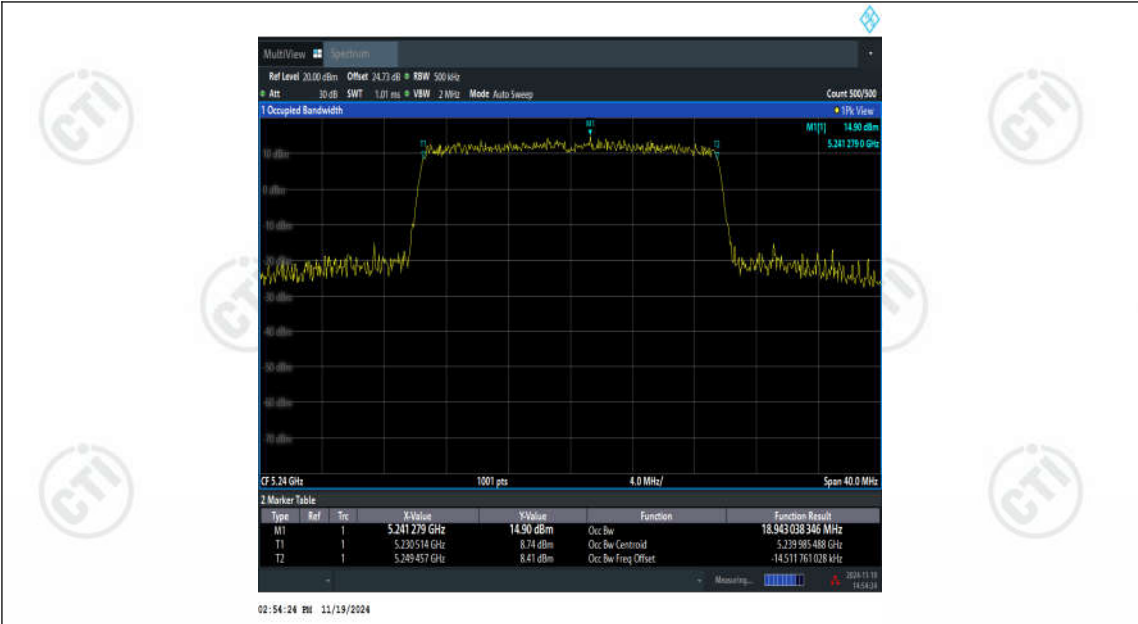




11BE20SISO-Ant2-5220



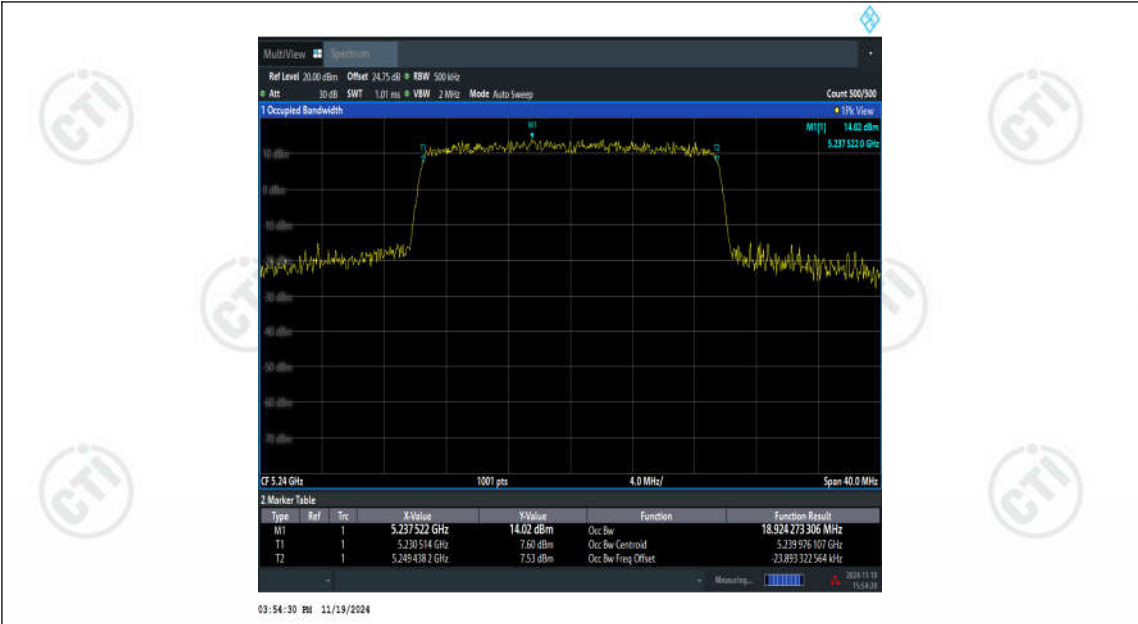
11BE20SISO-Ant3-5220



11BE20SISO-Ant1-5240



11BE20SISO-Ant2-5240



11BE20ISO-Ant3-5240



11BE40ISO-Ant1-5190

