

Appendix Test Data

Report No:	18220WC30182402	Test Sample NO:	1-2-2
Start Test Date:	2023.09.21	Finish Test Date:	2023.09.28
Test Engineer:	Hayman Chen	Auditor:	Rock Luo
Temperature:	26.4℃	Relative Humidity:	48.8%
Pressure:	101kPa		

Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11N20SISO	Ant1	5500	21.320	5489.240	5510.560	---	---
		5600	21.240	5589.560	5610.800	---	---
		5700	21.200	5689.240	5710.440	---	---
		5745	21.120	5734.400	5755.520	---	---
		5785	20.920	5774.480	5795.400	---	---
		5825	21.120	5814.520	5835.640	---	---
11N40SISO	Ant1	5510	43.120	5488.960	5532.080	---	---
		5590	41.760	5569.840	5611.600	---	---
		5670	40.720	5649.760	5690.480	---	---
		5755	41.760	5733.880	5775.640	---	---
		5795	42.320	5774.120	5816.440	---	---
11AC20SISO	Ant1	5500	21.280	5489.200	5510.480	---	---
		5600	21.280	5589.320	5610.600	---	---
		5700	21.040	5689.560	5710.600	---	---
		5745	20.800	5734.560	5755.360	---	---
		5785	21.080	5774.520	5795.600	---	---
		5825	20.960	5814.360	5835.320	---	---
11AC40SISO	Ant1	5510	42.560	5489.440	5532.000	---	---
		5590	41.520	5569.520	5611.040	---	---
		5670	42.240	5649.280	5691.520	---	---
		5755	41.920	5734.280	5776.200	---	---
		5795	42.320	5773.720	5816.040	---	---
11AC80SISO	Ant1	5530	82.400	5489.520	5571.920	---	---

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		5610	81.760	5569.840	5651.600	---	---
		5775	82.560	5733.880	5816.440	---	---

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Test Graphs



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11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



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11N20SISO_Ant1_5825



11N40SISO_Ant1_5510



11N40SISO_Ant1_5590

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11N40SISO_Ant1_5670



11N40SISO_Ant1_5755



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11N40SISO_Ant1_5795



11AC20SISO_Ant1_5500



11AC20SISO_Ant1_5600

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11AC20SISO_Ant1_5700



11AC20SISO_Ant1_5745



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11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5510

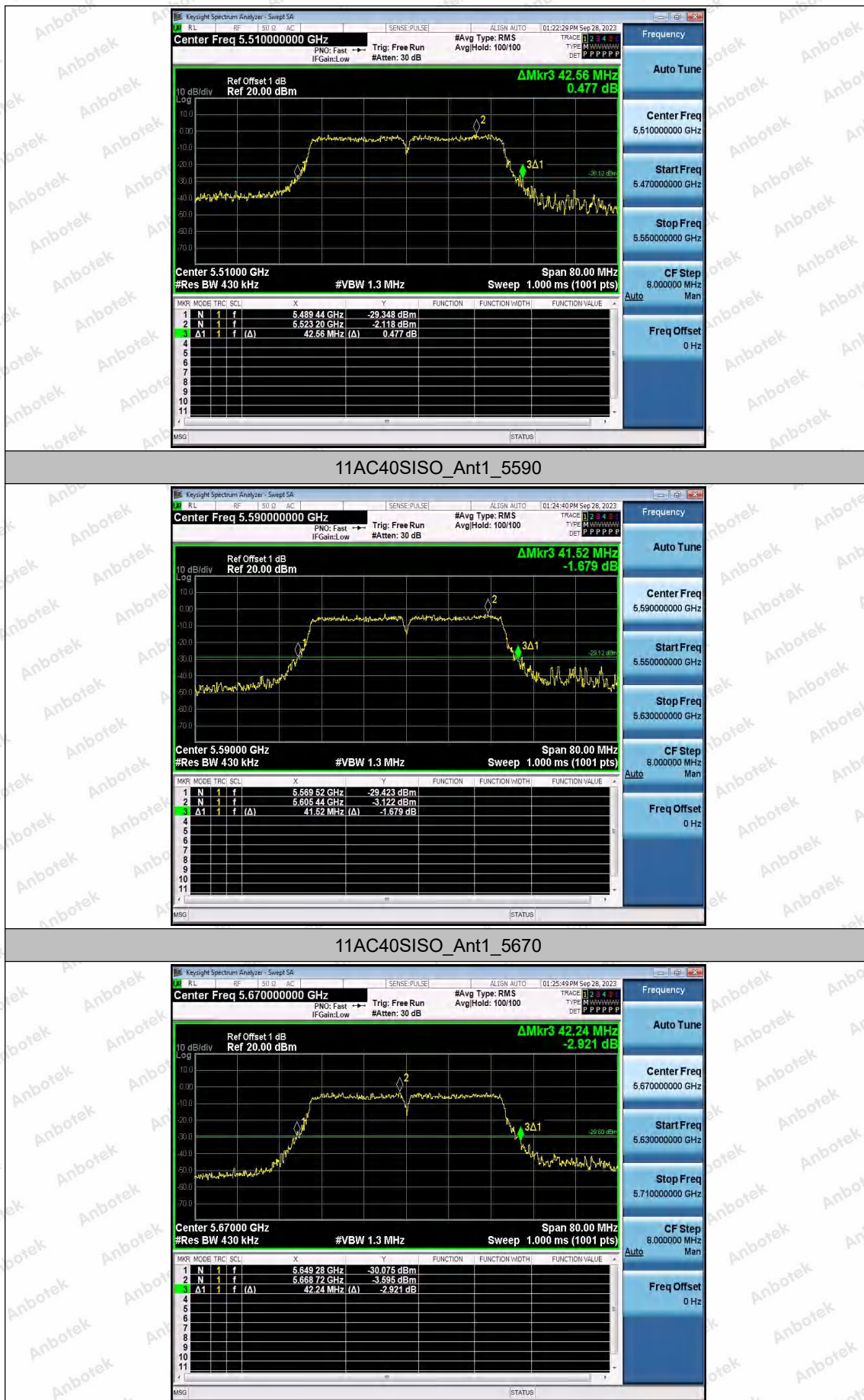
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11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5530

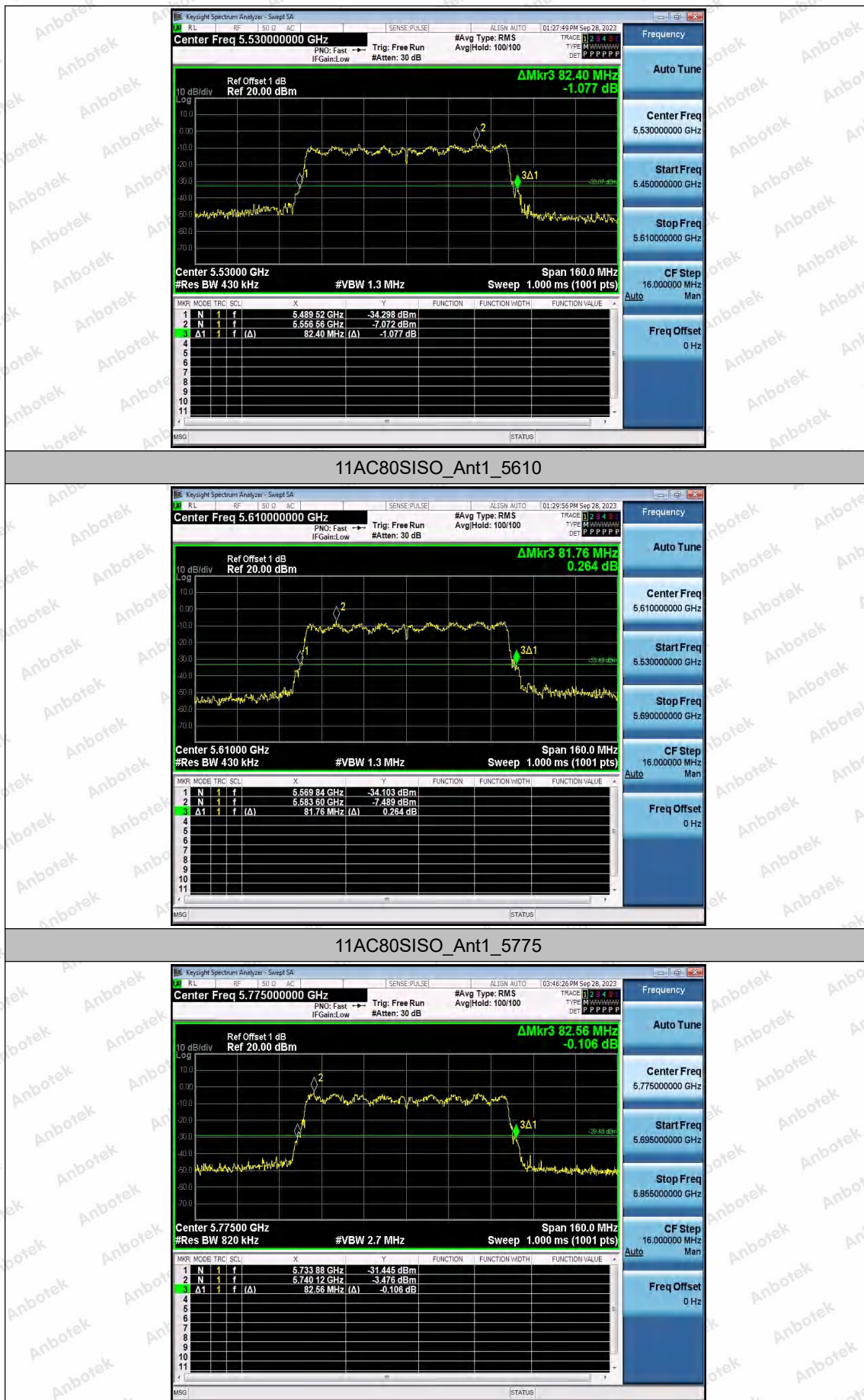
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Appendix A2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11N20SISO	Ant1	5500	18.055	5490.9579	5509.0129	---	---
		5600	18.036	5591.0302	5609.0662	---	---
		5700	18.034	5690.9537	5708.9877	---	---
		5745	18.079	5735.9391	5754.0181	---	---
		5785	18.094	5775.9422	5794.0362	---	---
		5825	18.093	5815.9448	5834.0378	---	---
11N40SISO	Ant1	5510	36.371	5491.8973	5528.2683	---	---
		5590	36.379	5571.9390	5608.3180	---	---
		5670	36.302	5651.9417	5688.2437	---	---
		5755	36.928	5736.6111	5773.5391	---	---
		5795	36.901	5776.6279	5813.5289	---	---
11AC20SISO	Ant1	5500	18.095	5490.9504	5509.0454	---	---
		5600	18.085	5590.9554	5609.0404	---	---
		5700	18.064	5690.9470	5709.0110	---	---
		5745	18.101	5735.8900	5753.9910	---	---
		5785	18.097	5775.8984	5793.9954	---	---
		5825	18.124	5815.9010	5834.0250	---	---
11AC40SISO	Ant1	5510	36.598	5491.7538	5528.3518	---	---
		5590	36.502	5571.8858	5608.3878	---	---
		5670	36.451	5651.8830	5688.3340	---	---
		5755	36.860	5736.7056	5773.5656	---	---
		5795	36.860	5776.6315	5813.4915	---	---
11AC80SISO	Ant1	5530	75.763	5492.3701	5568.1331	---	---
		5610	75.743	5572.4540	5648.1970	---	---
		5775	76.208	5736.9912	5813.1992	---	---



Test Graphs



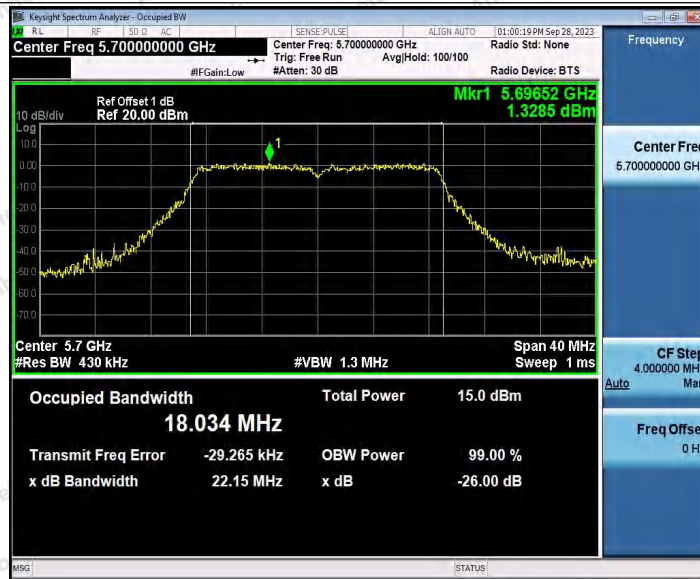
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11N20SISO_Ant1_5745



11N20SISO_Ant1_5785

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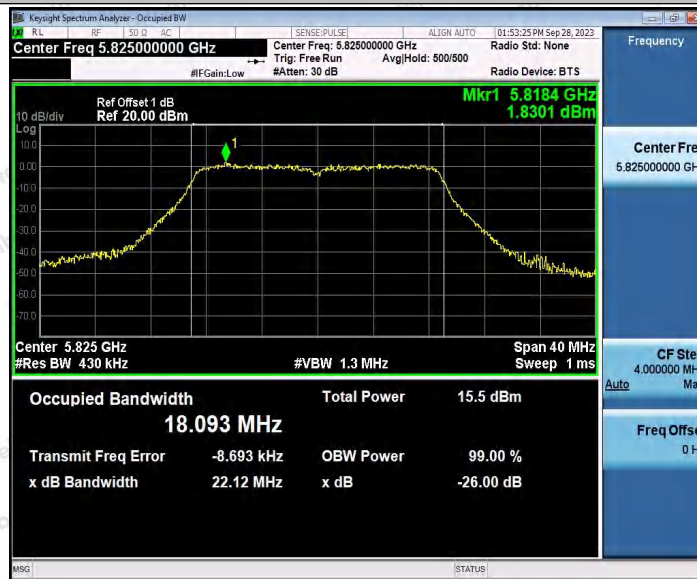
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11N20SISO_Ant1_5825



11N40SISO_Ant1_5510



11N40SISO_Ant1_5590

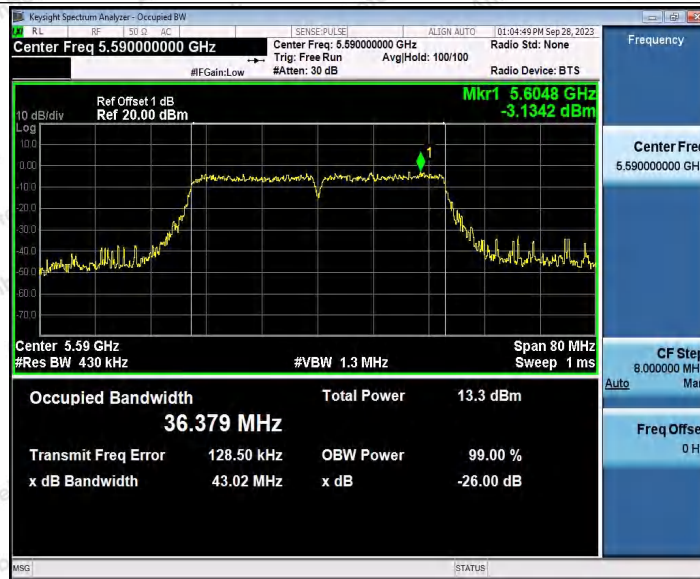
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11N40SISO_Ant1_5670



11N40SISO_Ant1_5755



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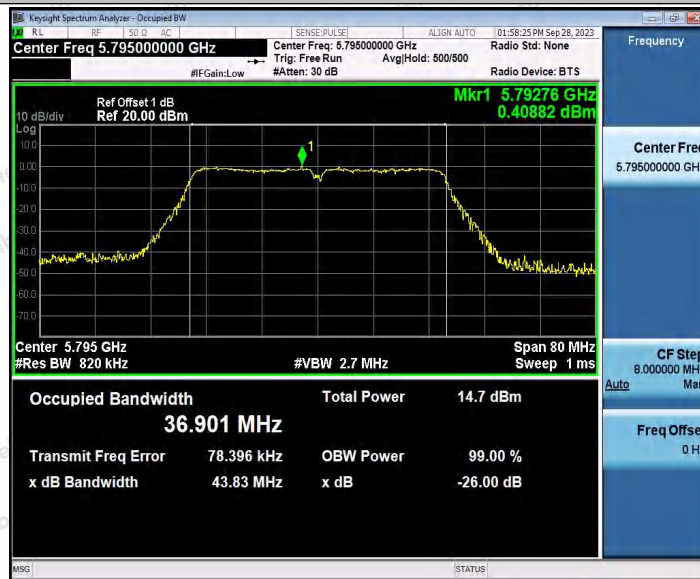
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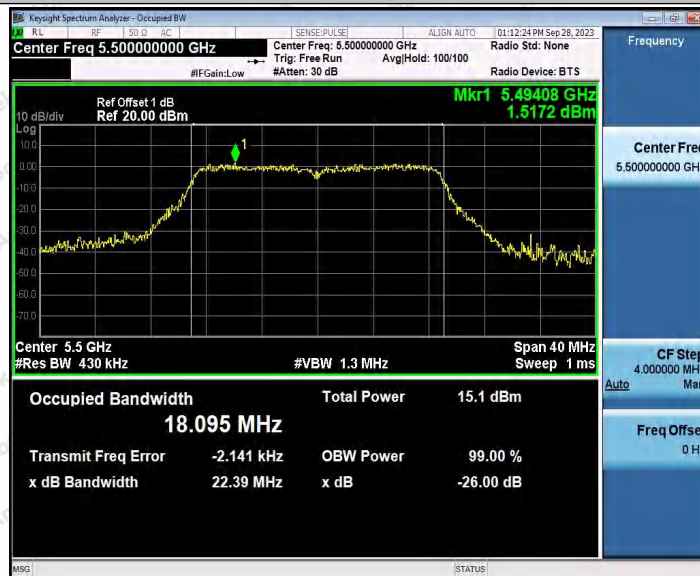
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11N40SISO_Ant1_5795



11AC20SISO_Ant1_5500



11AC20SISO_Ant1_5600

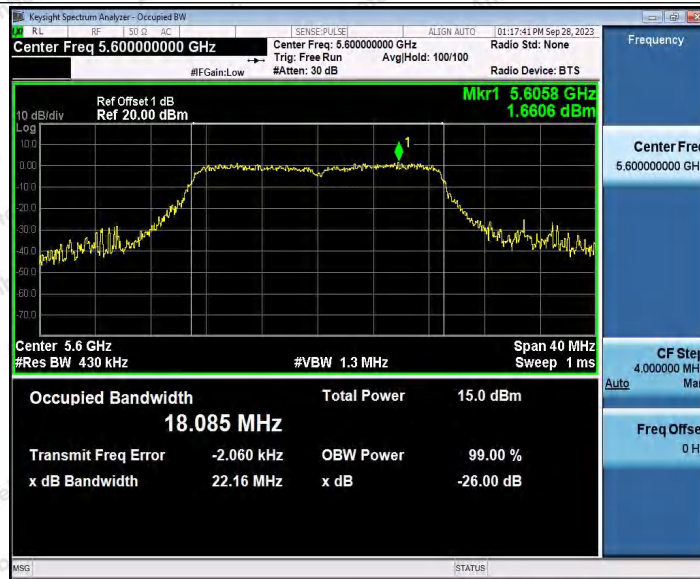
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11AC20SISO_Ant1_5700



11AC20SISO_Ant1_5745



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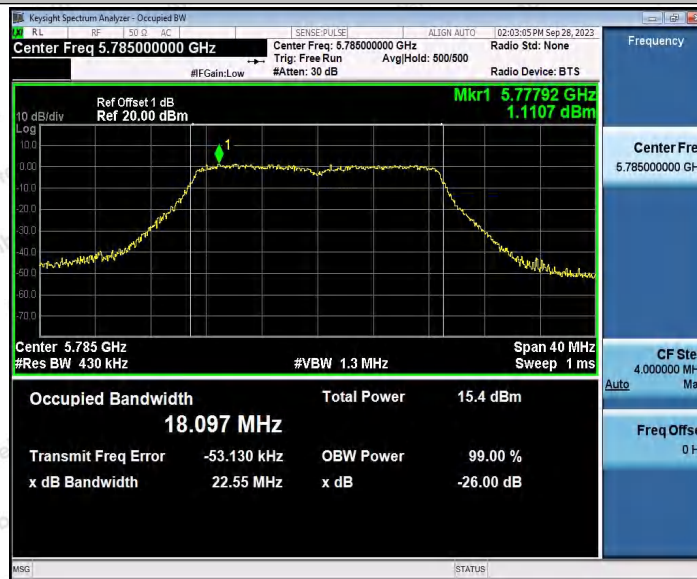
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11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5510

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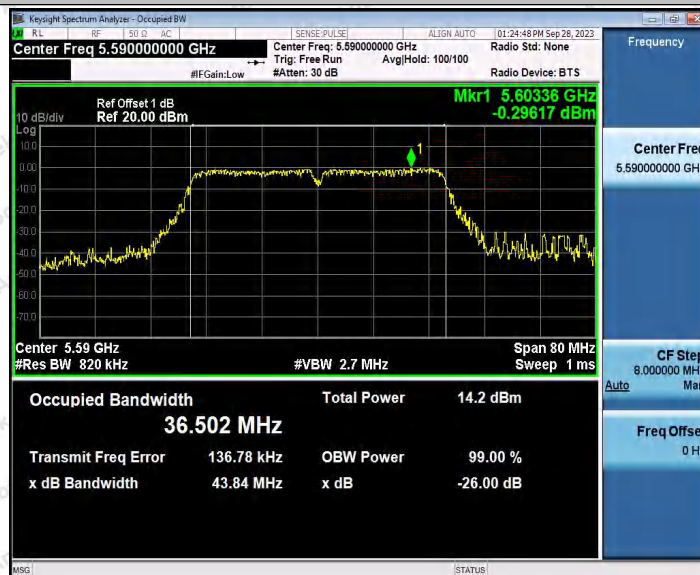


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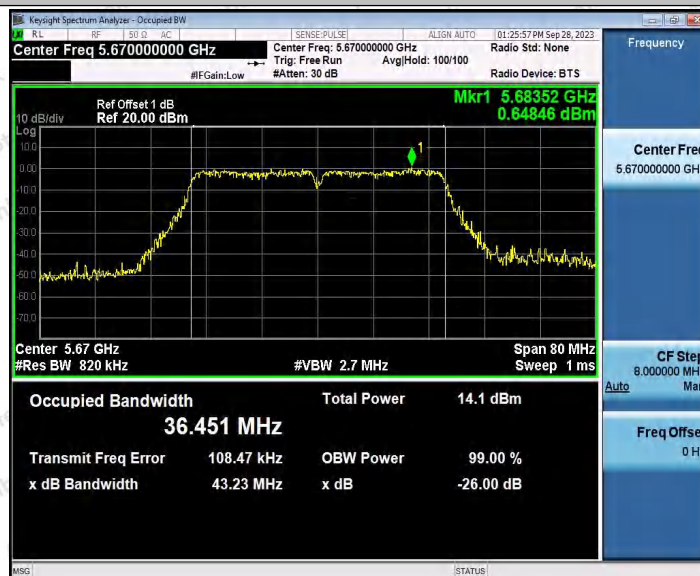




11AC40SISO_Ant1_5590



11AC40SISO_Ant1_5670



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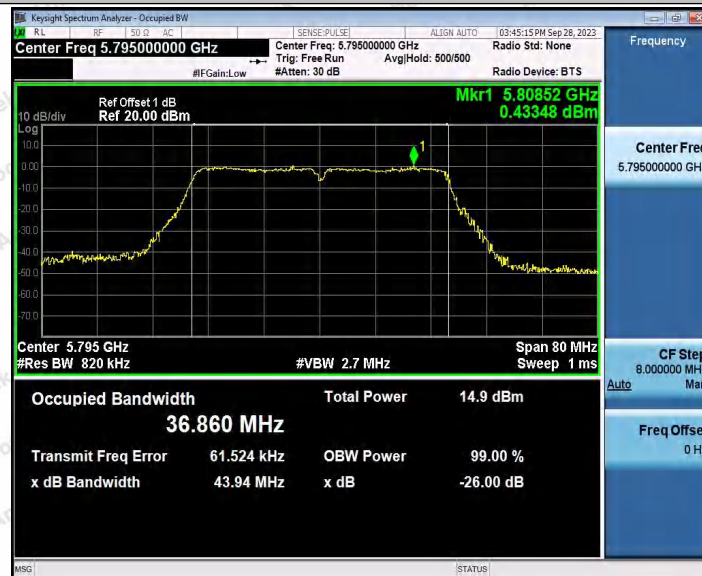
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11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5530

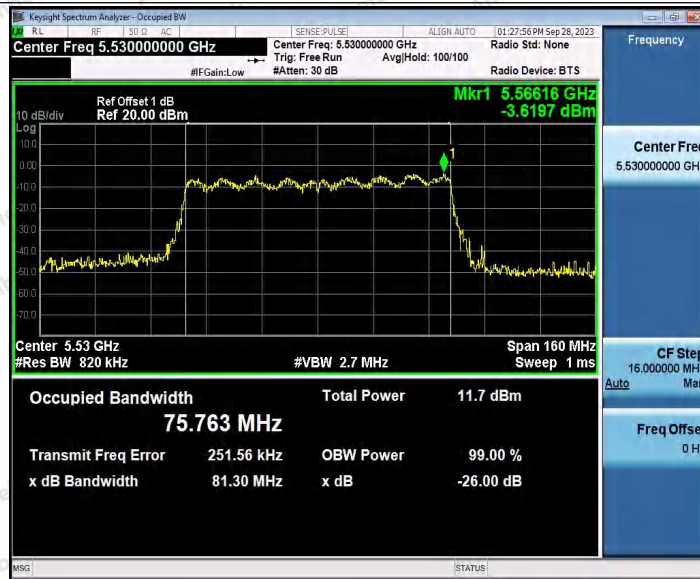
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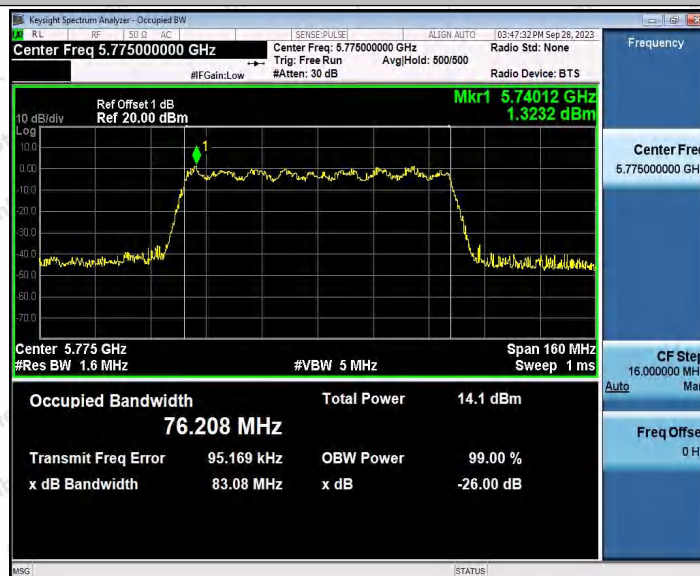




11AC80SISO_Ant1_5610



11AC80SISO_Ant1_5775



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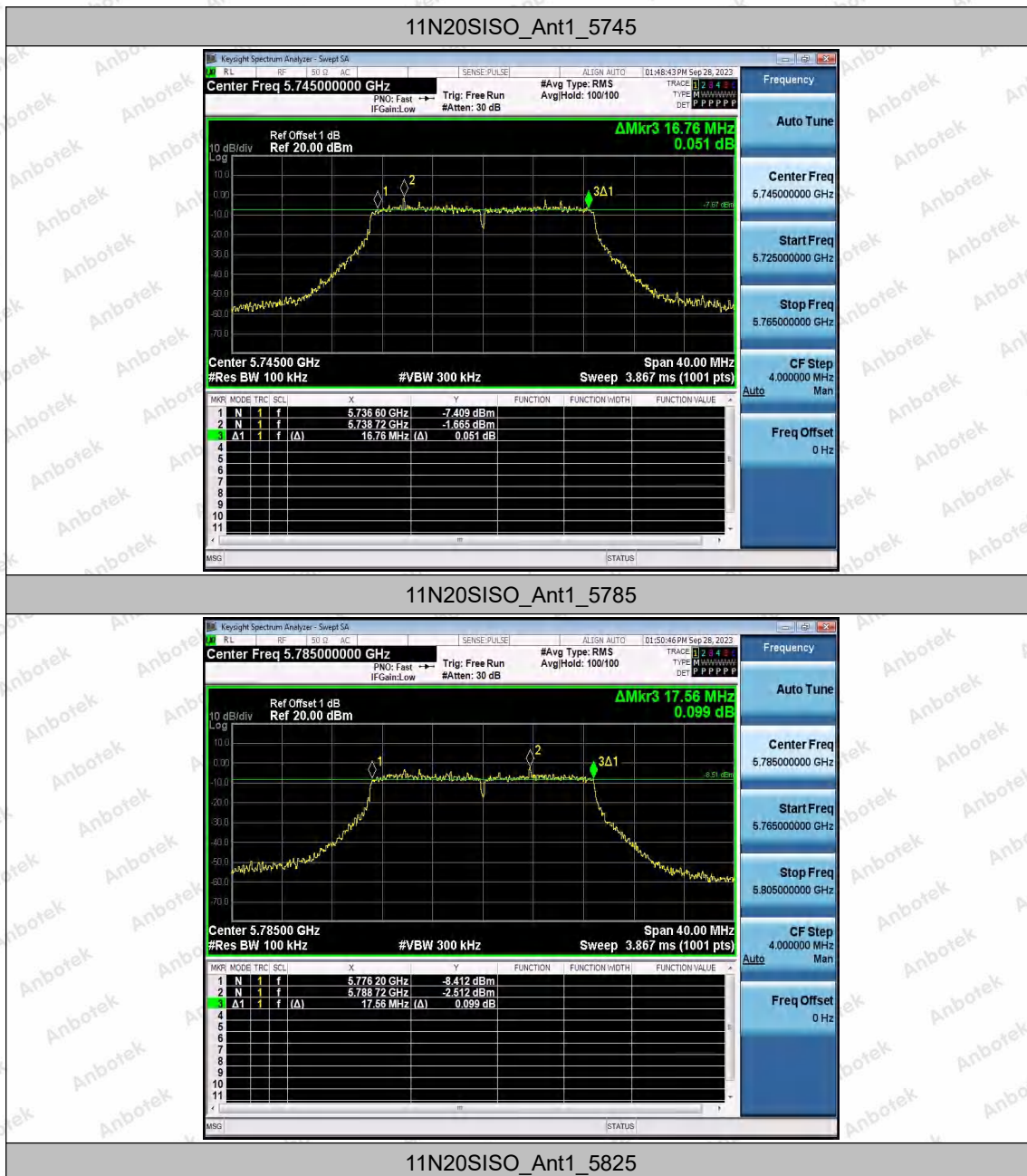
Appendix A3: Min emission bandwidth

Test Result B4

TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11N20SISO	Ant1	5745	16.760	5736.600	5753.360	0.5	PASS
		5785	17.560	5776.200	5793.760	0.5	PASS
		5825	17.520	5816.200	5833.720	0.5	PASS
11N40SISO	Ant1	5755	35.600	5737.160	5772.760	0.5	PASS
		5795	35.760	5777.080	5812.840	0.5	PASS
11AC20SISO	Ant1	5745	17.080	5736.400	5753.480	0.5	PASS
		5785	17.400	5776.360	5793.760	0.5	PASS
		5825	17.560	5816.200	5833.760	0.5	PASS
11AC40SISO	Ant1	5755	36.080	5736.840	5772.920	0.5	PASS
		5795	36.000	5776.840	5812.840	0.5	PASS
11AC80SISO	Ant1	5775	75.040	5737.400	5812.440	0.5	PASS



Test Graphs B4



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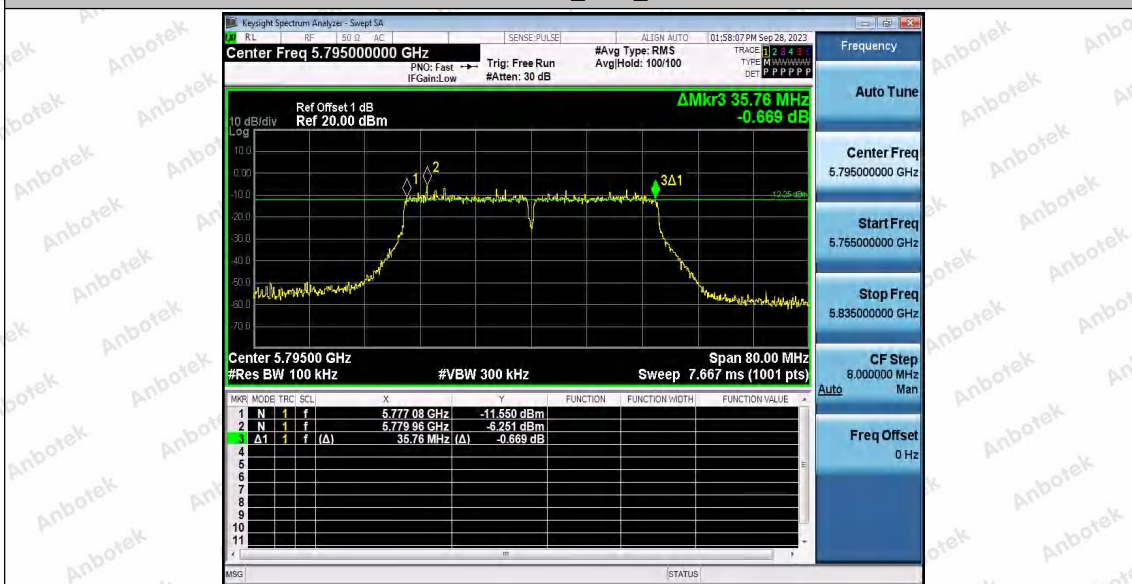




11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



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11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825

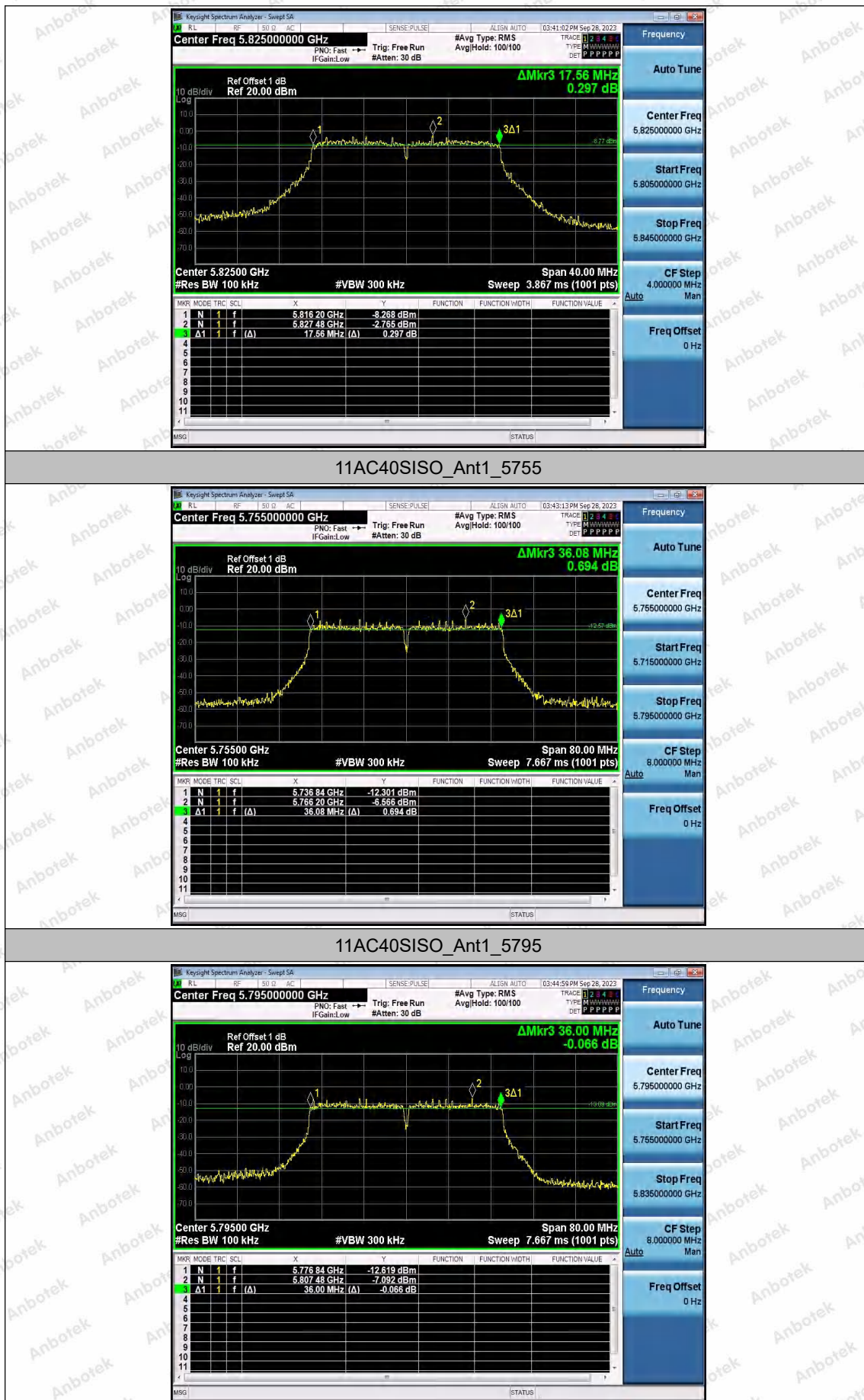
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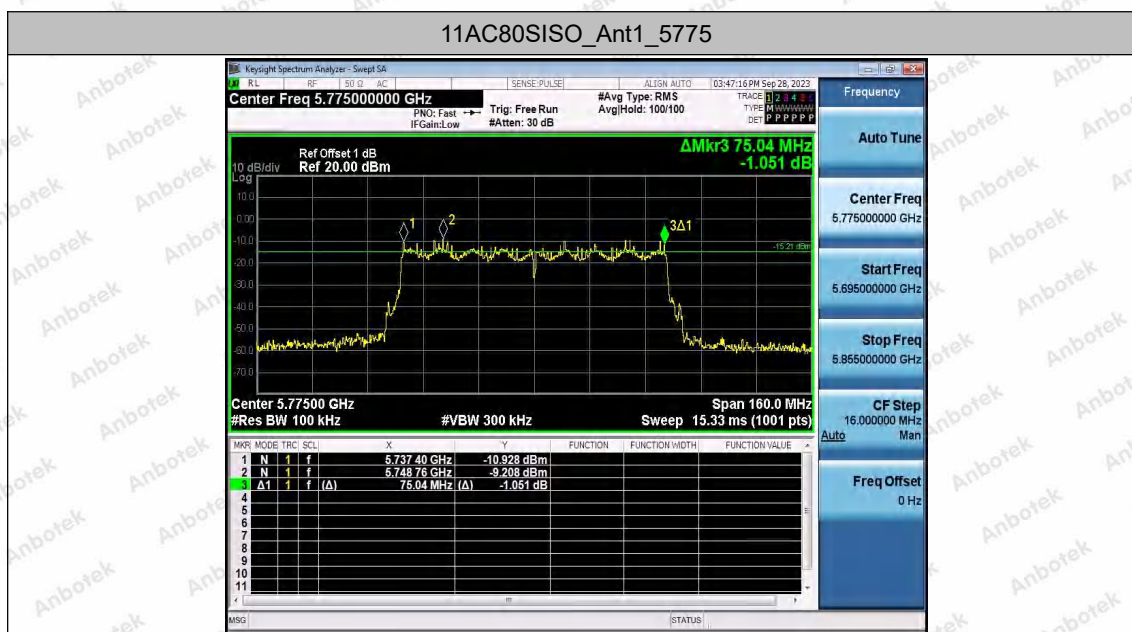
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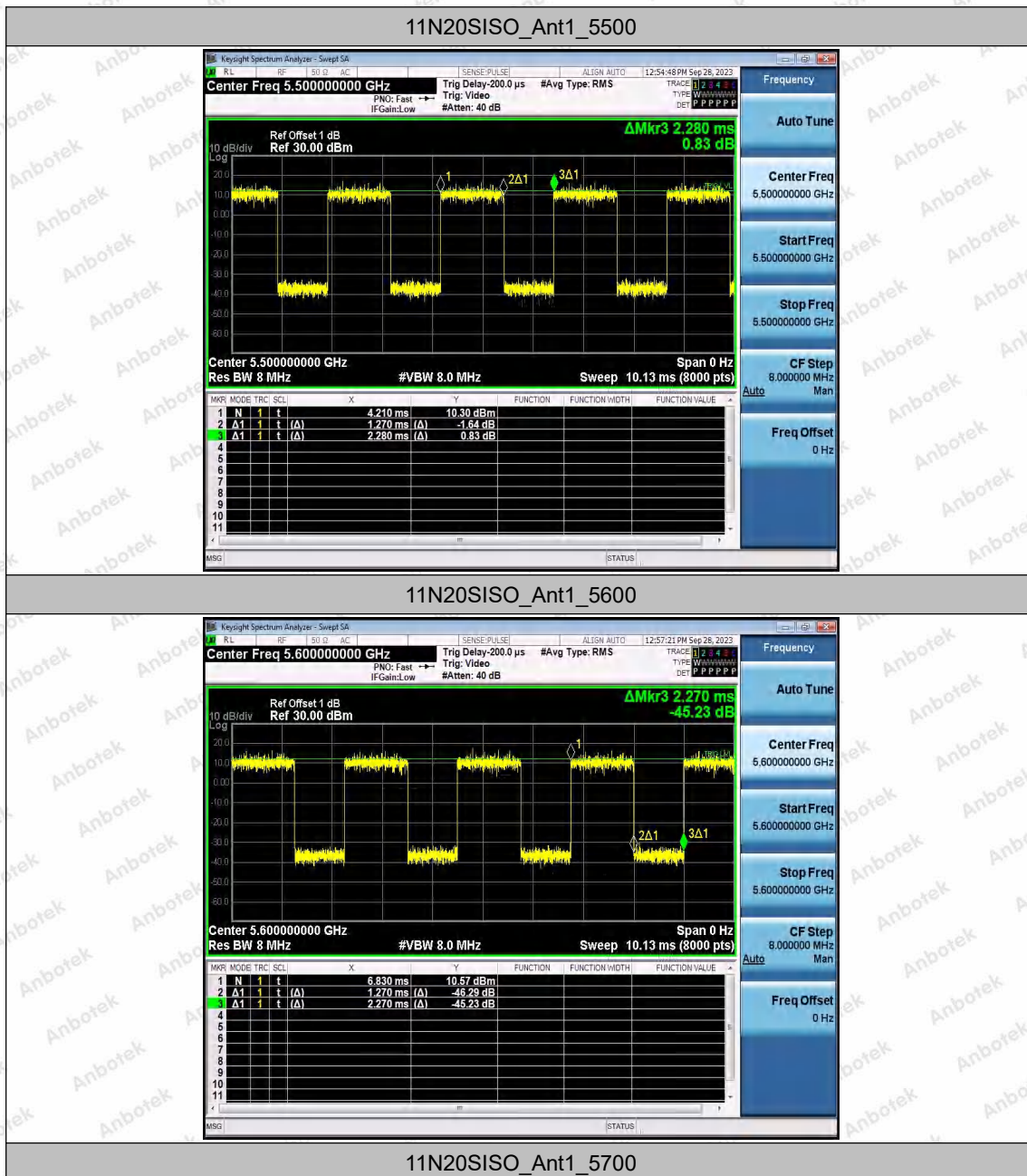
Appendix B: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11N20SISO	Ant1	5500	1.27	2.28	55.70
		5600	1.27	2.27	55.95
		5700	1.27	2.28	55.70
		5745	1.27	2.28	55.70
		5785	1.27	2.28	55.70
		5825	1.27	2.28	55.70
11N40SISO	Ant1	5510	0.63	1.63	38.65
		5590	0.63	1.63	38.65
		5670	0.63	1.63	38.65
		5755	0.63	1.63	38.65
		5795	0.63	1.64	38.41
11AC20SISO	Ant1	5500	1.28	2.28	56.14
		5600	1.28	2.28	56.14
		5700	1.28	2.28	56.14
		5745	1.27	2.28	55.70
		5785	1.28	2.28	56.14
		5825	1.28	2.28	56.14
11AC40SISO	Ant1	5510	0.63	1.64	38.41
		5590	0.64	1.64	39.02
		5670	0.64	1.64	39.02
		5755	0.64	1.64	39.02
		5795	0.64	1.64	39.02
11AC80SISO	Ant1	5530	0.32	1.32	24.24
		5610	0.31	1.32	23.48
		5775	0.32	1.32	24.24



Test Graphs



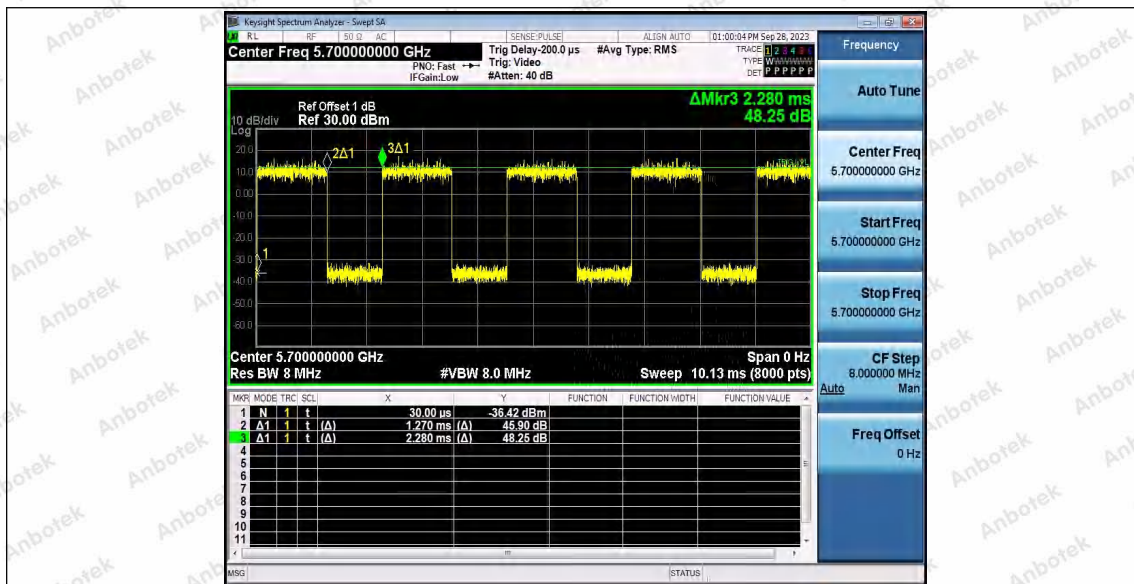
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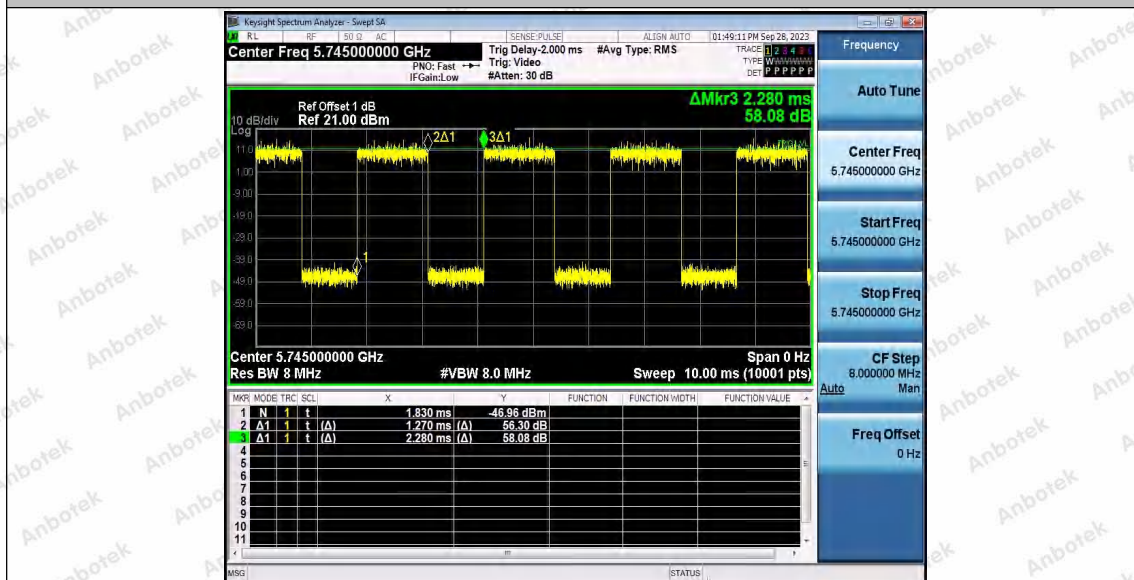


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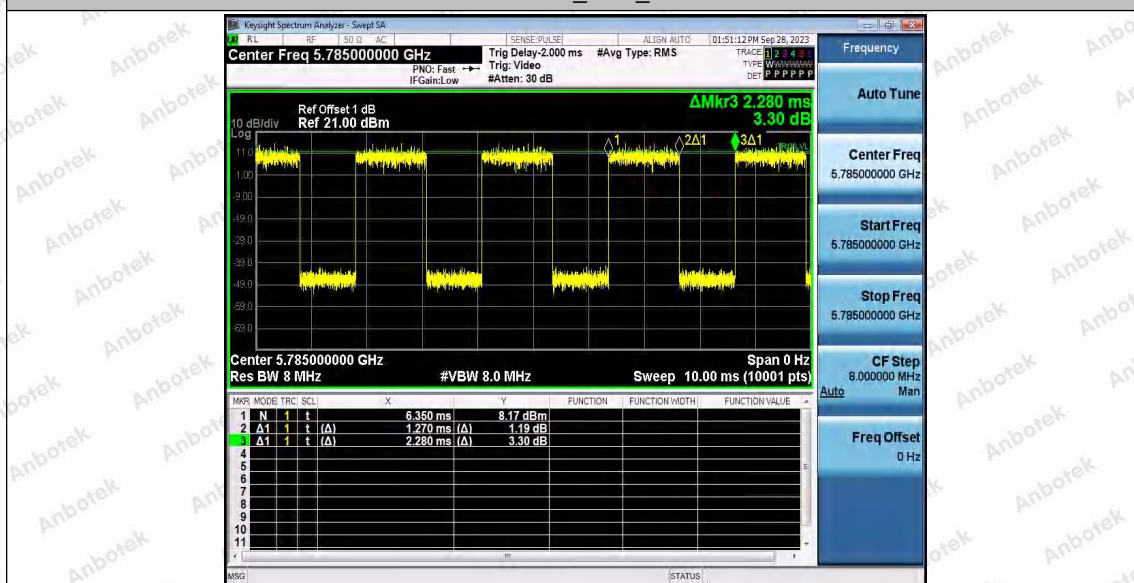




11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



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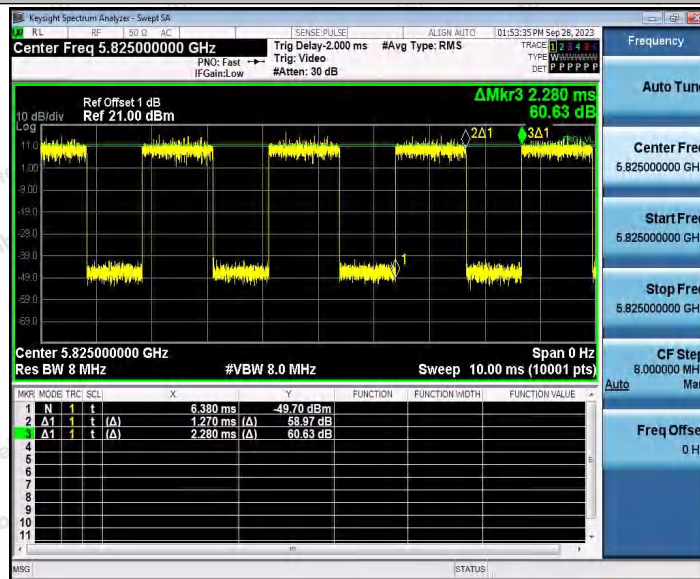
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



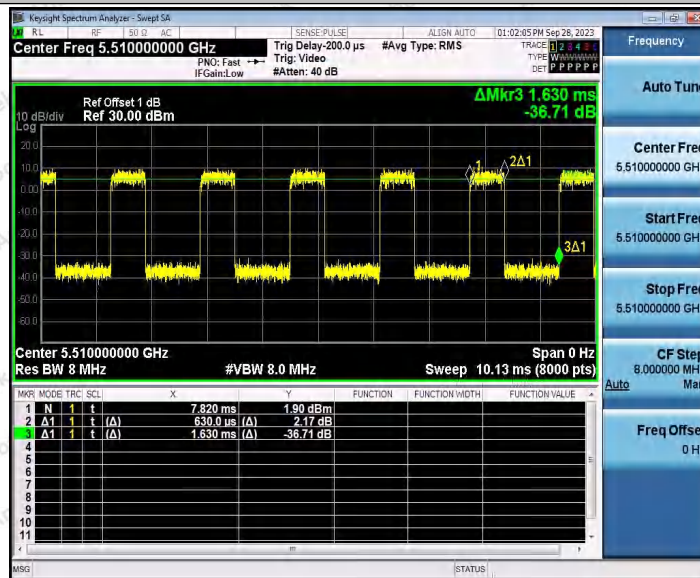
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11N20SISO_Ant1_5825



11N40SISO_Ant1_5510



11N40SISO_Ant1_5590

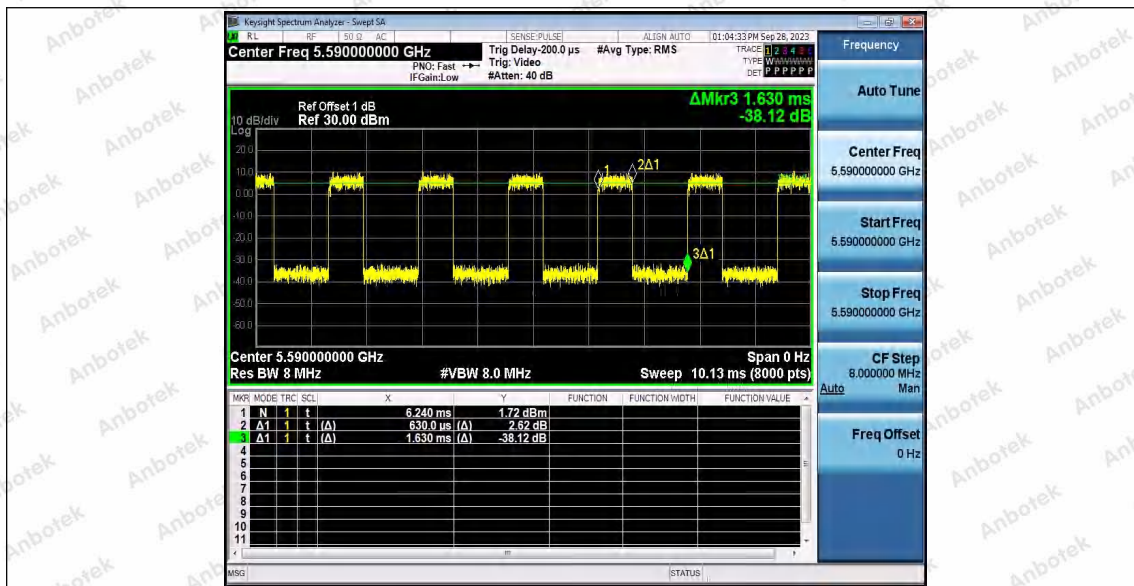
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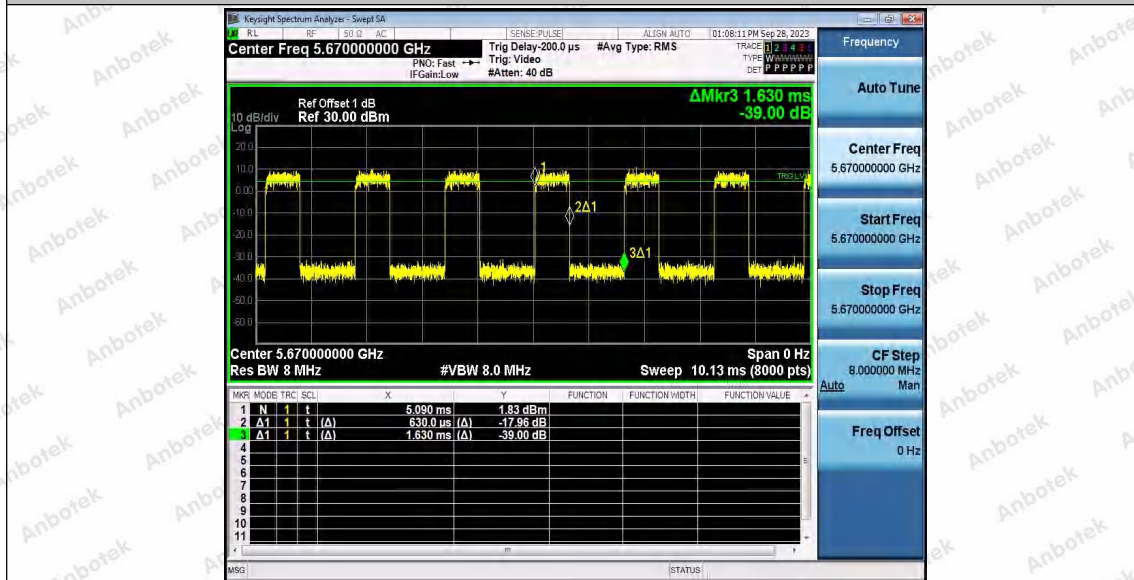


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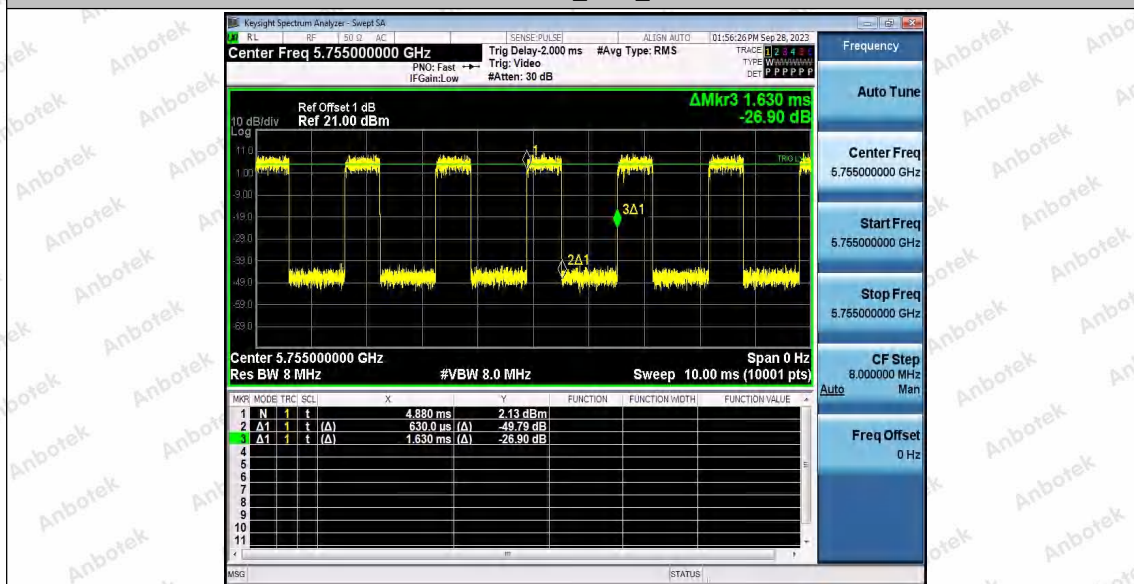




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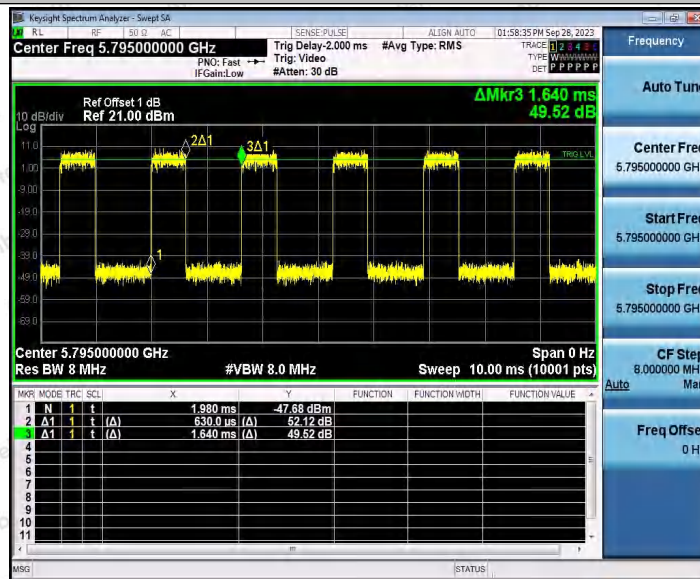
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
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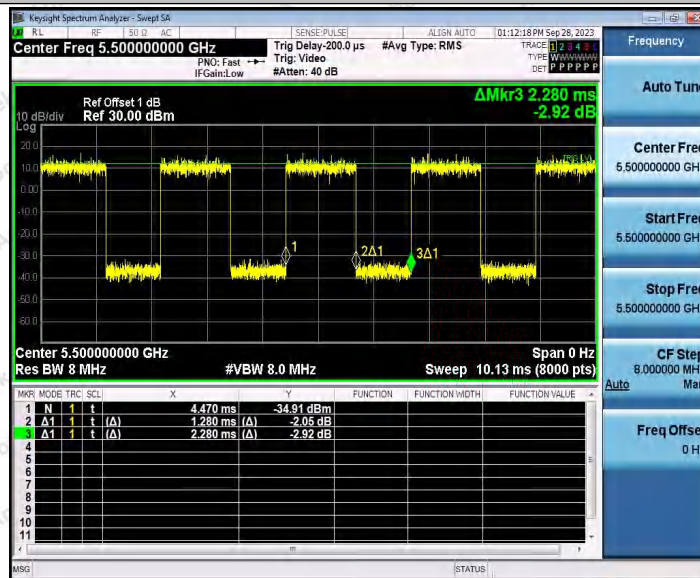
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11N40SISO_Ant1_5795



11AC20SISO_Ant1_5500



11AC20SISO_Ant1_5600

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Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community,
 Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



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 400-003-0500
 www.anbotek.com.cn

