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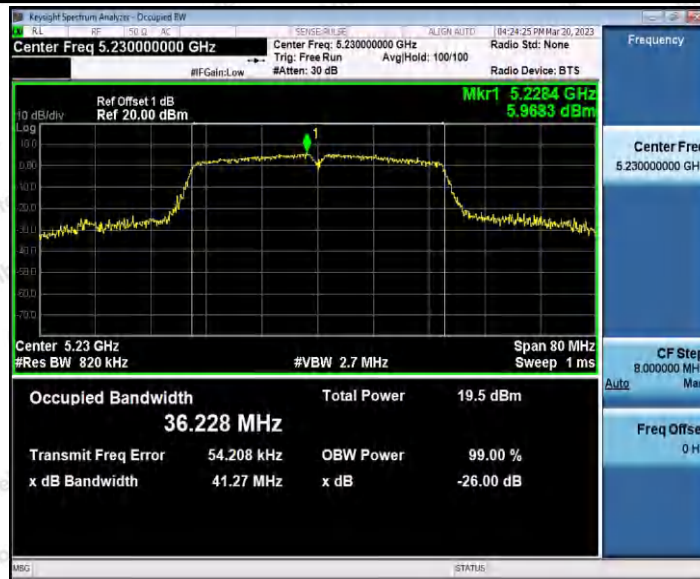


11AC40SISO_Ant2_5190



11AC40SISO_Ant1_5230





11AC40SISO_Ant2_5230



11AC40SISO_Ant1_5270



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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@anbotech.com



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11AC40SISO_Ant2_5270



11AC40SISO_Ant1_5310



11AC40SISO_Ant2_5310





11AC40SISO_Ant1_5510



11AC40SISO_Ant2_5510



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11AC40SISO_Ant1_5590

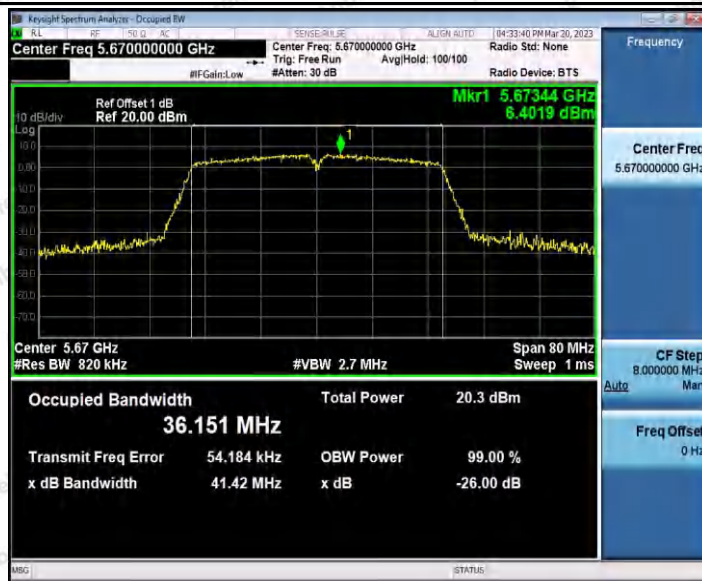


11AC40SISO_Ant2_5590



11AC40SISO_Ant1_5670





11AC40SISO_Ant2_5670



11AC40SISO_Ant1_5755



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11AC40SISO_Ant2_5755



11AC40SISO_Ant1_5795



11AC40SISO_Ant2_5795





11AC80SISO_Ant1_5210



11AC80SISO_Ant2_5210



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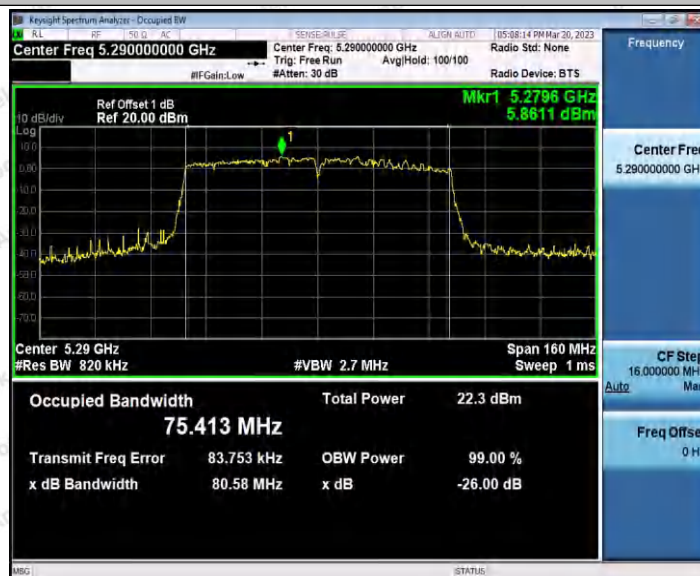
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11AC80SISO_Ant1_5290



11AC80SISO_Ant2_5290



11AC80SISO_Ant1_5530





11AC80SISO_Ant2_5530



11AC80SISO_Ant1_5610



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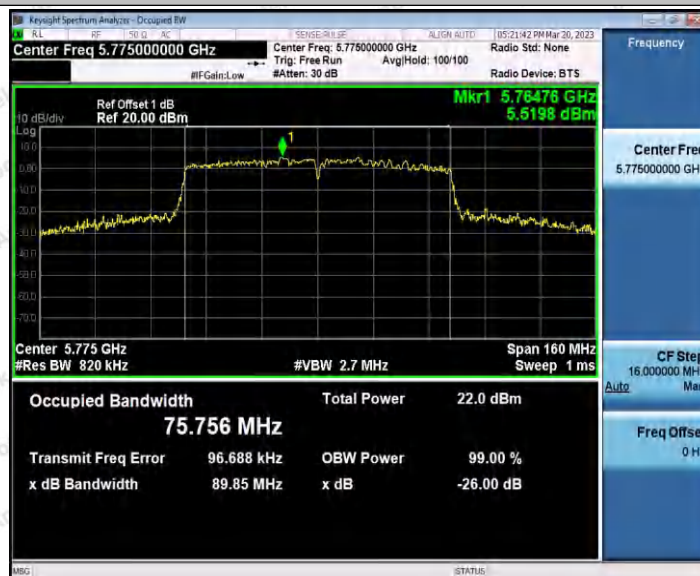
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11AC80SISO_Ant2_5610



11AC80SISO_Ant1_5775



11AC80SISO_Ant2_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
11A	Ant1	5745	13.280	5738.320	5751.600	0.5	PASS
	Ant2	5745	15.040	5737.440	5752.480	0.5	PASS
	Ant1	5785	12.280	5778.080	5790.360	0.5	PASS
	Ant2	5785	14.080	5777.480	5791.560	0.5	PASS
	Ant1	5825	15.040	5817.440	5832.480	0.5	PASS
	Ant2	5825	14.360	5817.800	5832.160	0.5	PASS
11N20SISO	Ant1	5745	14.160	5738.320	5752.480	0.5	PASS
	Ant2	5745	17.120	5736.600	5753.720	0.5	PASS
	Ant1	5785	15.000	5777.520	5792.520	0.5	PASS
	Ant2	5785	13.760	5778.640	5792.400	0.5	PASS
	Ant1	5825	13.800	5818.640	5832.440	0.5	PASS
	Ant2	5825	12.840	5819.680	5832.520	0.5	PASS
11N40SISO	Ant1	5755	33.840	5738.680	5772.520	0.5	PASS
	Ant2	5755	35.120	5737.400	5772.520	0.5	PASS
	Ant1	5795	35.040	5777.480	5812.520	0.5	PASS
	Ant2	5795	35.120	5777.400	5812.520	0.5	PASS
11AC20SISO	Ant1	5745	11.760	5739.720	5751.480	0.5	PASS
	Ant2	5745	15.040	5737.440	5752.480	0.5	PASS
	Ant1	5785	13.840	5778.640	5792.480	0.5	PASS
	Ant2	5785	11.920	5779.320	5791.240	0.5	PASS
	Ant1	5825	15.120	5817.400	5832.520	0.5	PASS
	Ant2	5825	15.120	5817.400	5832.520	0.5	PASS
11AC40SISO	Ant1	5755	35.040	5737.480	5772.520	0.5	PASS
	Ant2	5755	32.640	5737.400	5770.040	0.5	PASS
	Ant1	5795	33.920	5777.400	5811.320	0.5	PASS
	Ant2	5795	33.760	5777.480	5811.240	0.5	PASS
11AC80SISO	Ant1	5775	73.760	5738.680	5812.440	0.5	PASS
	Ant2	5775	73.920	5738.680	5812.600	0.5	PASS



Test Graphs B4

11A_Ant1_5745



11A_Ant2_5745



11A_Ant1_5785





11A_Ant2_5785



11A_Ant1_5825



11A_Ant2_5825



11N20SISO_Ant1_5745



11N20SISO_Ant2_5745





11N20SISO_Ant1_5785



11N20SISO_Ant2_5785



11N20SISO_Ant1_5825



11N20SISO_Ant2_5825



11N40SISO_Ant1_5755





11N40SISO_Ant2_5755



11N40SISO_Ant1_5795



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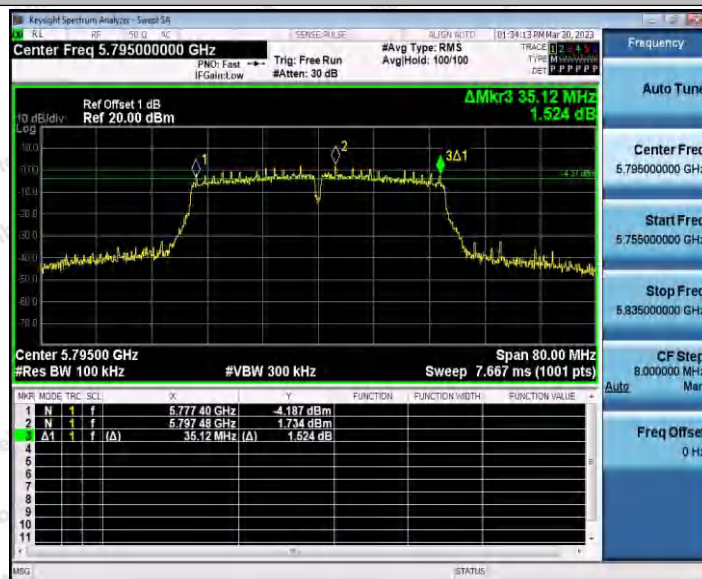
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11N40SISO_Ant2_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant2_5745





11AC20SISO_Ant1_5785



11AC20SISO_Ant2_5785



11AC20SISO_Ant1_5825



11AC20SISO_Ant2_5825



11AC40SISO_Ant1_5755

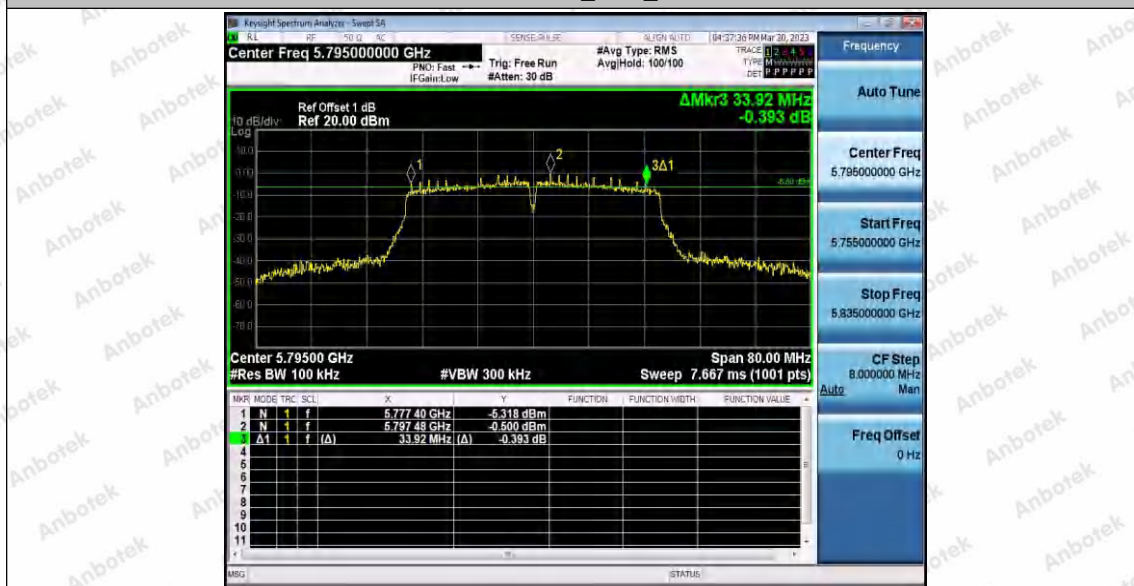




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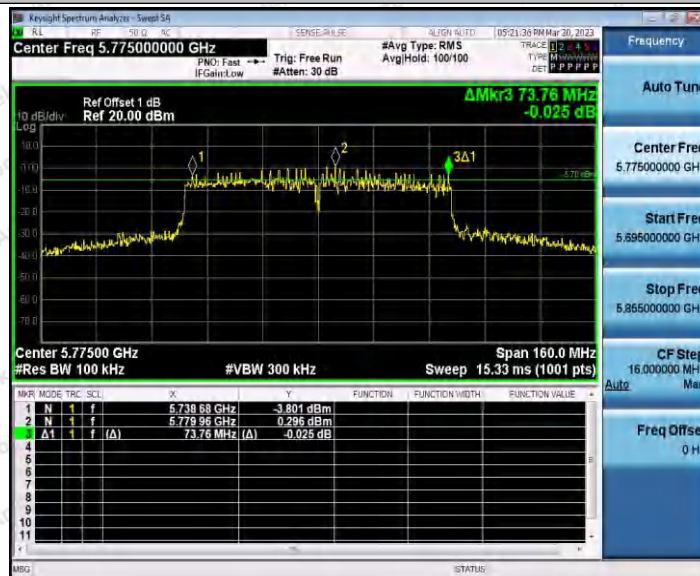
11AC40SISO_Ant1_5795



11AC40SISO_Ant2_5795

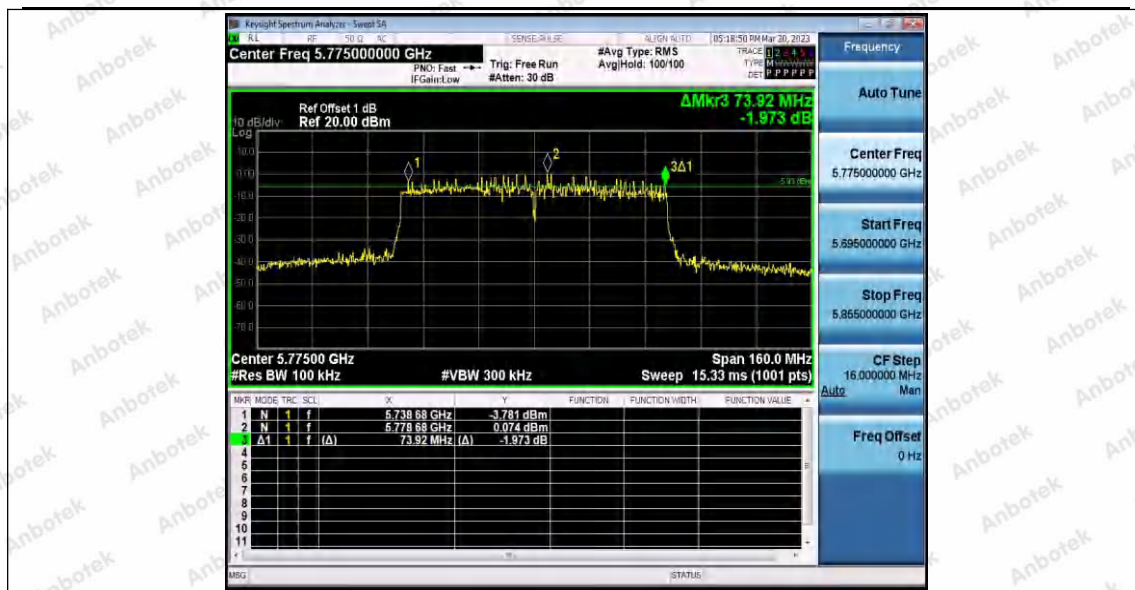


11AC80SISO_Ant1_5775



11AC80SISO_Ant2_5775





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Appendix B: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	1.40	1.46	95.89
	Ant2	5180	1.40	1.46	95.89
	Ant1	5200	1.40	1.46	95.89
	Ant2	5200	1.40	1.46	95.89
	Ant1	5240	1.40	1.46	95.89
	Ant2	5240	1.40	1.46	95.89
	Ant1	5260	1.40	1.46	95.89
	Ant2	5260	1.39	1.46	95.21
	Ant1	5300	1.39	1.45	95.86
	Ant2	5300	1.39	1.45	95.86
	Ant1	5320	1.40	1.46	95.89
	Ant2	5320	1.40	1.46	95.89
	Ant1	5500	1.40	1.46	95.89
	Ant2	5500	1.39	1.45	95.86
	Ant1	5600	1.39	1.46	95.21
	Ant2	5600	1.40	1.46	95.89
	Ant1	5700	1.39	1.45	95.86
	Ant2	5700	1.39	1.45	95.86
	Ant1	5745	1.40	1.46	95.89
	Ant2	5745	1.39	1.45	95.86
	Ant1	5785	1.40	1.46	95.89
	Ant2	5785	1.39	1.45	95.86
	Ant1	5825	1.40	1.46	95.89
	Ant2	5825	1.40	1.46	95.89
11N20SISO	Ant1	5180	1.31	1.37	95.62
	Ant2	5180	1.31	1.37	95.62
	Ant1	5200	1.31	1.37	95.62
	Ant2	5200	1.31	1.37	95.62
	Ant1	5240	1.31	1.37	95.62
	Ant2	5240	1.31	1.37	95.62
	Ant1	5260	1.31	1.37	95.62
	Ant2	5260	1.31	1.37	95.62
	Ant1	5300	1.31	1.37	95.62
	Ant2	5300	1.30	1.37	94.89
	Ant1	5320	1.31	1.37	95.62
	Ant2	5320	1.30	1.36	95.59
	Ant1	5500	1.31	1.37	95.62



	Ant2	5500	1.30	1.36	95.59
	Ant1	5600	1.31	1.37	95.62
	Ant2	5600	1.31	1.37	95.62
	Ant1	5700	1.31	1.37	95.62
	Ant2	5700	1.31	1.37	95.62
	Ant1	5745	1.31	1.37	95.62
	Ant2	5745	1.31	1.37	95.62
	Ant1	5785	1.31	1.37	95.62
	Ant2	5785	1.31	1.37	95.62
	Ant1	5825	1.31	1.37	95.62
	Ant2	5825	1.30	1.37	94.89
	Ant1	5190	0.65	0.71	91.55
	Ant2	5190	0.65	0.71	91.55
	Ant1	5230	0.65	0.71	91.55
	Ant2	5230	0.65	0.70	92.86
	Ant1	5270	0.65	0.71	91.55
	Ant2	5270	0.65	0.71	91.55
	Ant1	5310	0.64	0.70	91.43
	Ant2	5310	0.65	0.71	91.55
	Ant1	5510	0.65	0.71	91.55
11N40SISO	Ant2	5510	0.65	0.71	91.55
	Ant1	5590	0.65	0.71	91.55
	Ant2	5590	0.65	0.71	91.55
	Ant1	5670	0.65	0.71	91.55
	Ant2	5670	0.65	0.71	91.55
	Ant1	5755	0.65	0.71	91.55
	Ant2	5755	0.65	0.71	91.55
	Ant1	5795	0.65	0.71	91.55
	Ant2	5795	0.65	0.71	91.55
	Ant1	5180	1.30	1.36	95.59
	Ant2	5180	1.30	1.36	95.59
	Ant1	5200	1.29	1.35	95.56
	Ant2	5200	1.30	1.36	95.59
	Ant1	5240	1.30	1.36	95.59
	Ant2	5240	1.29	1.35	95.56
	Ant1	5260	1.29	1.36	94.85
	Ant2	5260	1.30	1.36	95.59
	Ant1	5300	1.30	1.36	95.59
	Ant2	5300	1.30	1.36	95.59
	Ant1	5320	1.30	1.36	95.59
11AC20SISO	Ant2	5320	1.30	1.36	95.59
	Ant1	5500	1.29	1.35	95.56

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 Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
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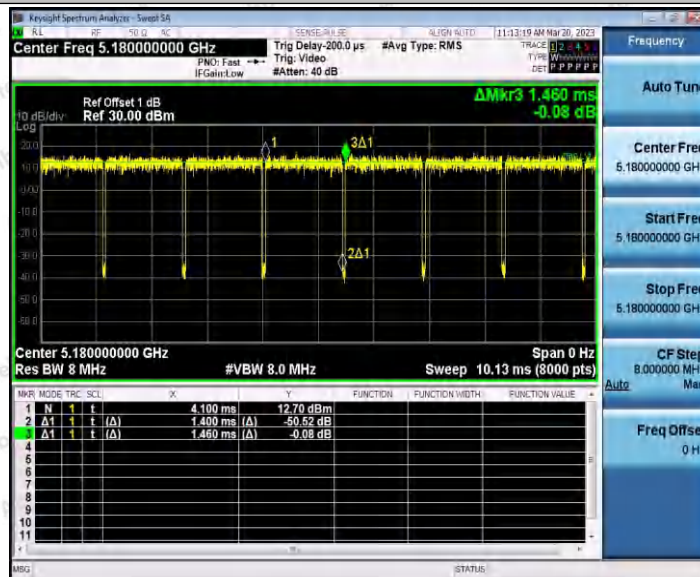


	Ant2	5500	1.30	1.36	95.59
	Ant1	5600	1.30	1.36	95.59
	Ant2	5600	1.30	1.36	95.59
	Ant1	5700	1.30	1.36	95.59
	Ant2	5700	1.30	1.36	95.59
	Ant1	5745	1.29	1.35	95.56
	Ant2	5745	1.30	1.36	95.59
	Ant1	5785	1.29	1.36	94.85
	Ant2	5785	1.30	1.36	95.59
	Ant1	5825	1.30	1.36	95.59
	Ant2	5825	1.30	1.36	95.59
11AC40SISO	Ant1	5190	0.63	0.69	91.30
	Ant2	5190	0.64	0.70	91.43
	Ant1	5230	0.63	0.70	90.00
	Ant2	5230	0.64	0.70	91.43
	Ant1	5270	0.63	0.70	90.00
	Ant2	5270	0.63	0.69	91.30
	Ant1	5310	0.64	0.70	91.43
	Ant2	5310	0.63	0.69	91.30
	Ant1	5510	0.64	0.70	91.43
	Ant2	5510	0.64	0.70	91.43
	Ant1	5590	0.63	0.69	91.30
	Ant2	5590	0.64	0.70	91.43
	Ant1	5670	0.63	0.70	90.00
	Ant2	5670	0.64	0.70	91.43
	Ant1	5755	0.63	0.69	91.30
	Ant2	5755	0.63	0.69	91.30
	Ant1	5795	0.64	0.70	91.43
	Ant2	5795	0.64	0.70	91.43
11AC80SISO	Ant1	5210	1.05	1.11	94.59
	Ant2	5210	1.06	1.11	95.50
	Ant1	5290	1.05	1.11	94.59
	Ant2	5290	1.06	1.11	95.50
	Ant1	5530	1.06	1.11	95.50
	Ant2	5530	1.05	1.11	94.59
	Ant1	5610	1.06	1.11	95.50
	Ant2	5610	1.05	1.11	94.59
	Ant1	5775	1.06	1.11	95.50
	Ant2	5775	1.05	1.11	94.59

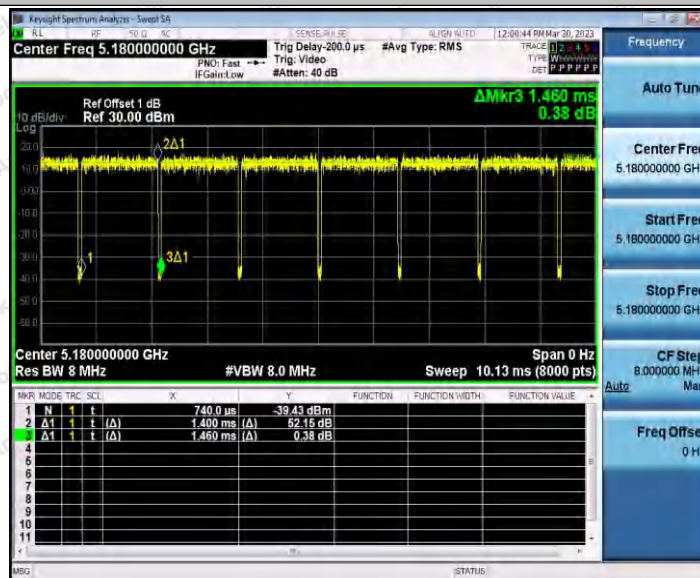


Test Graphs

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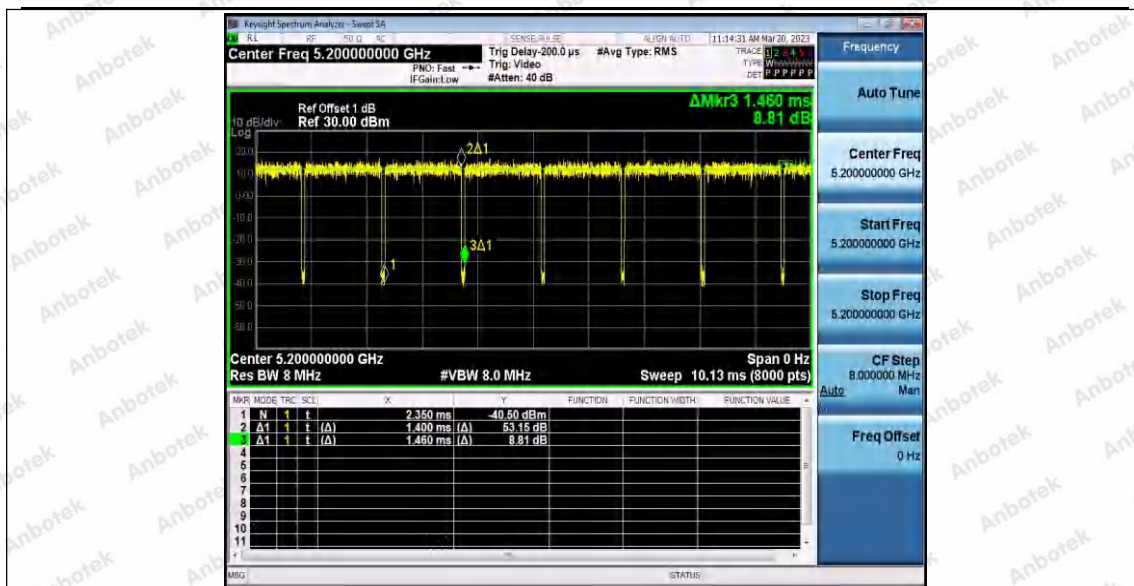


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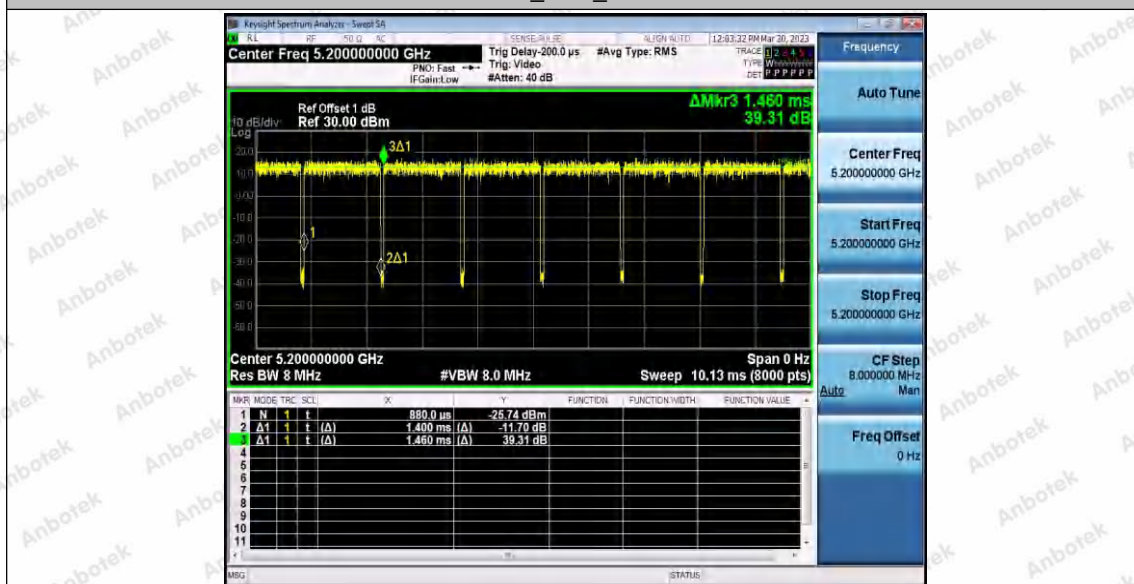


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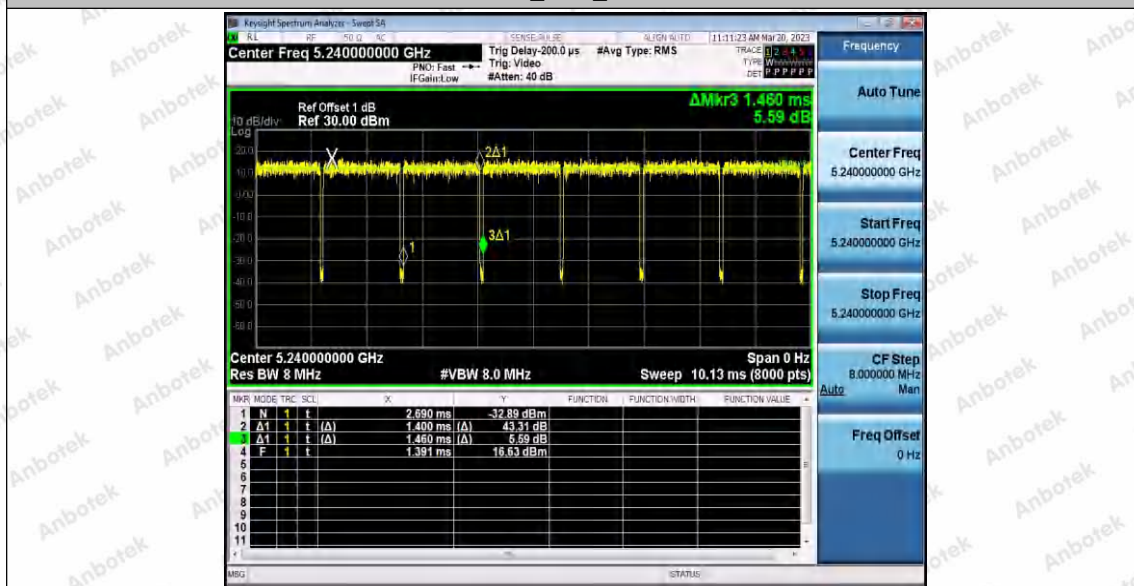




11A_Ant2_5200



11A_Ant1_5240



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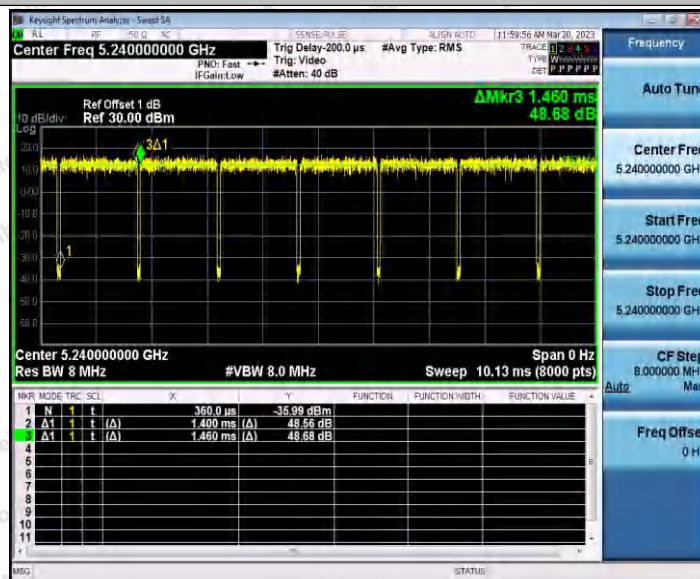
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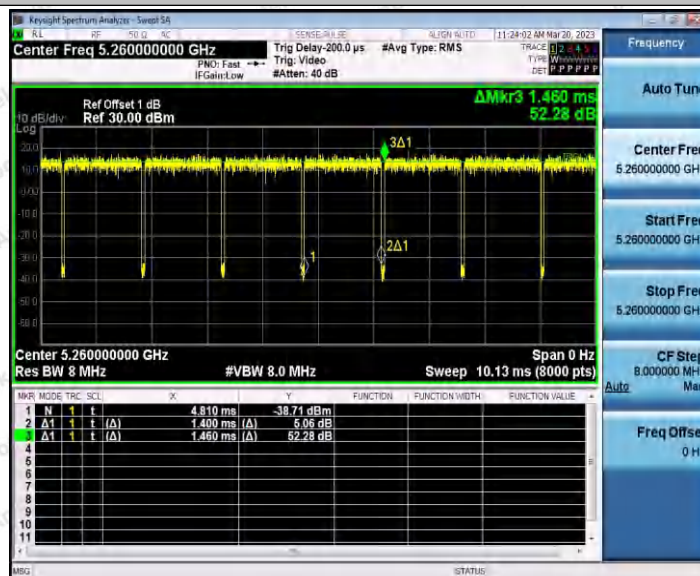
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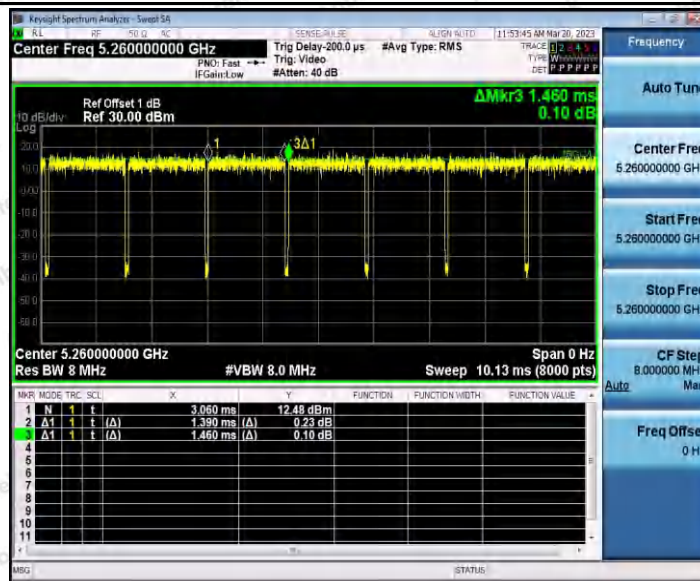


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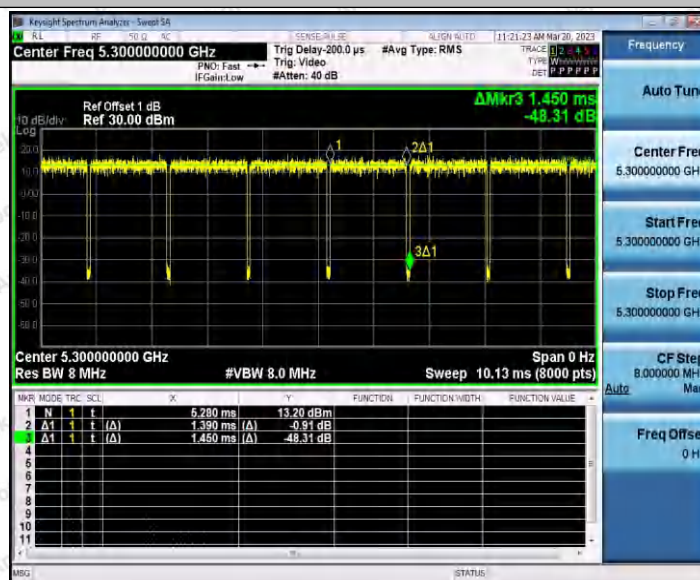


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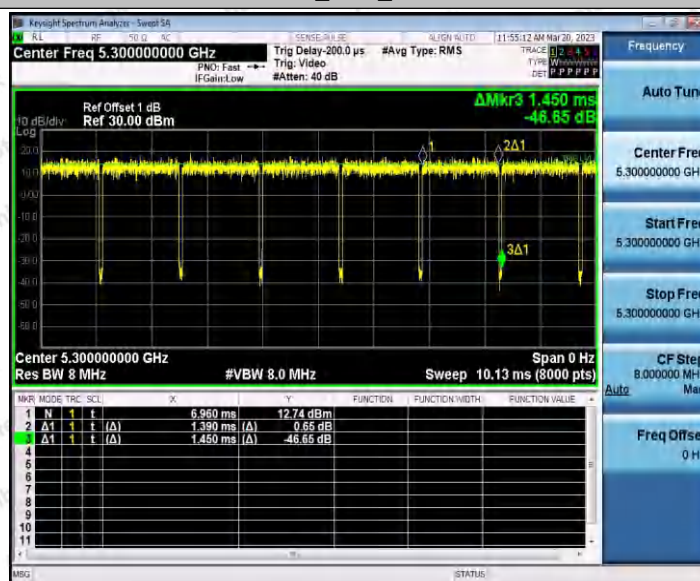




11A_Ant1_5300



11A_Ant2_5300



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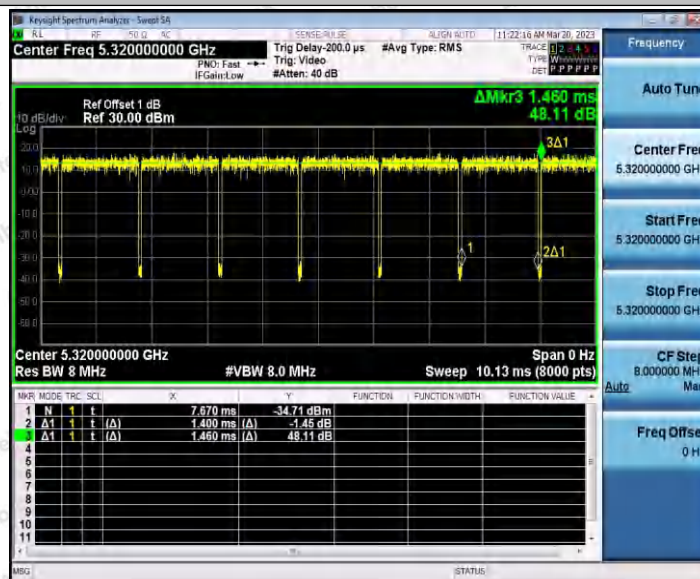
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
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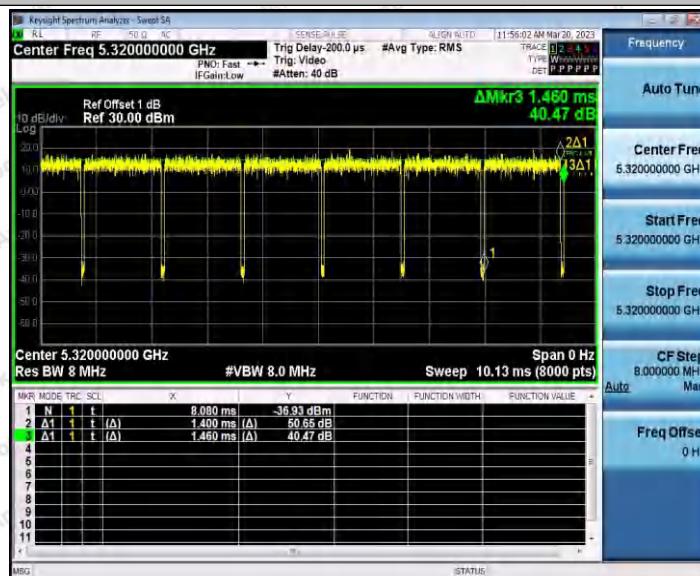
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11A_Ant1_5320

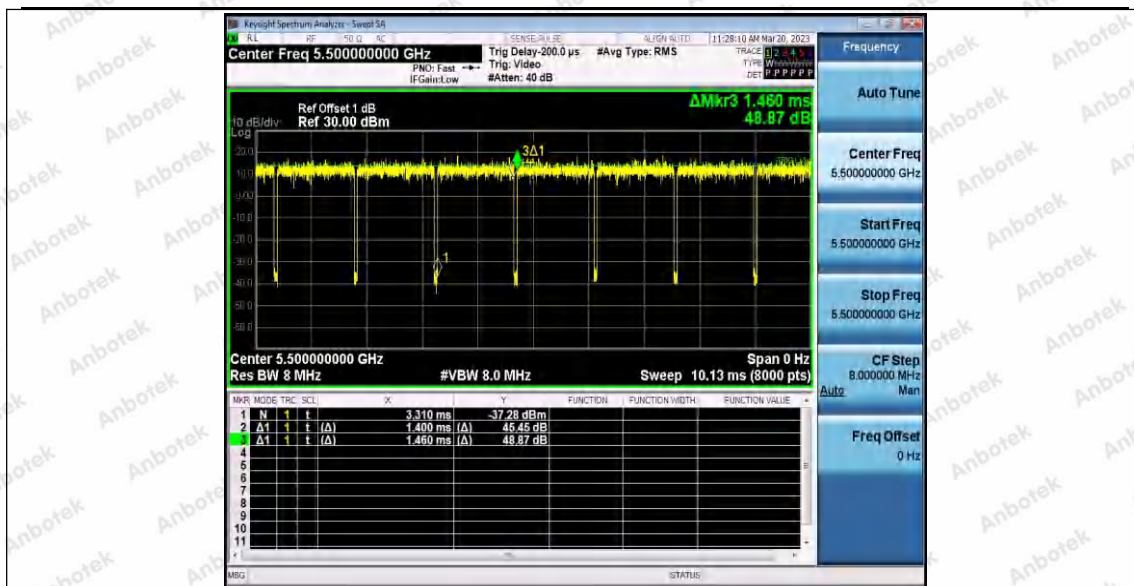


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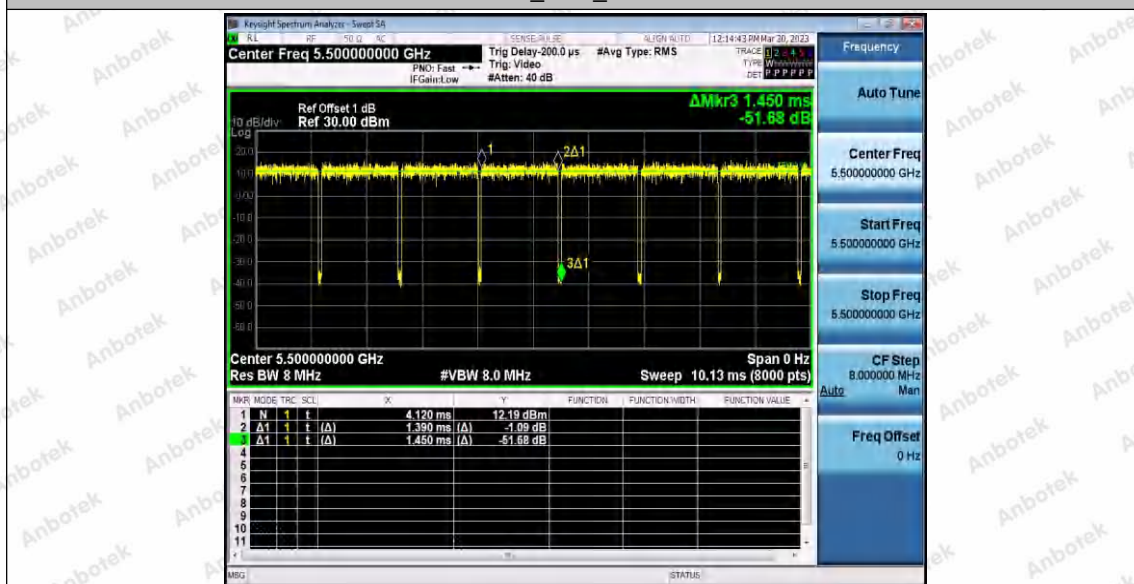


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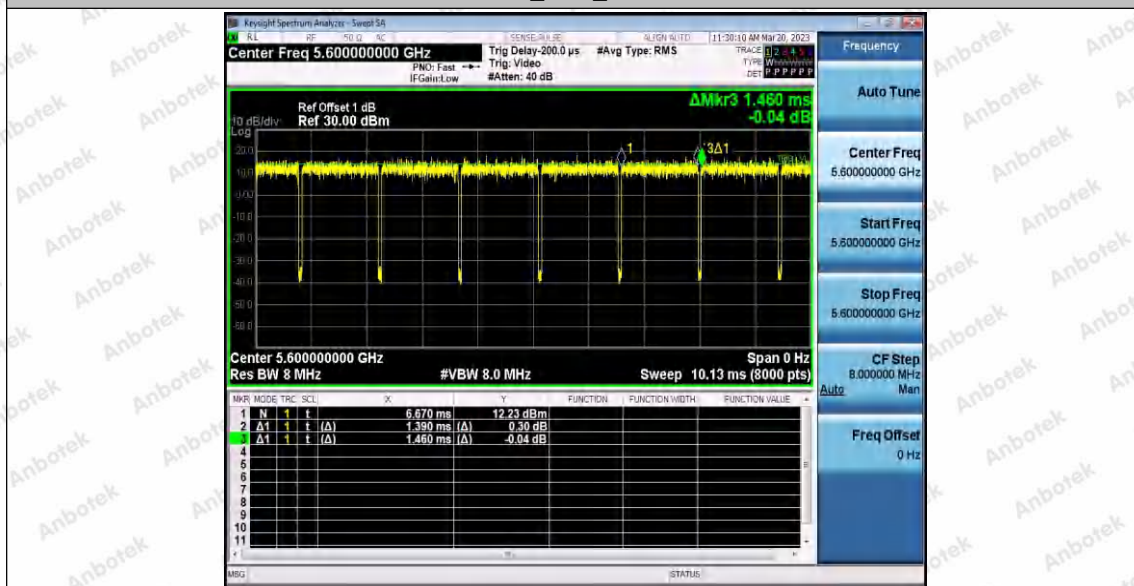




11A_Ant2_5500



11A_Ant1_5600



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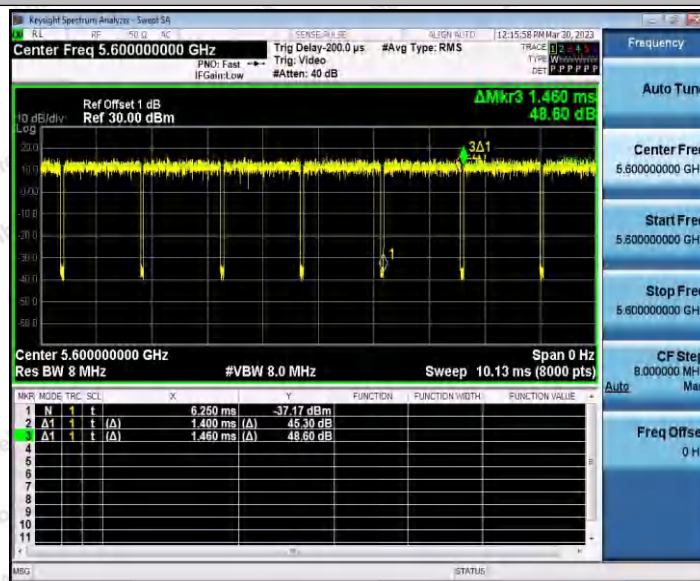
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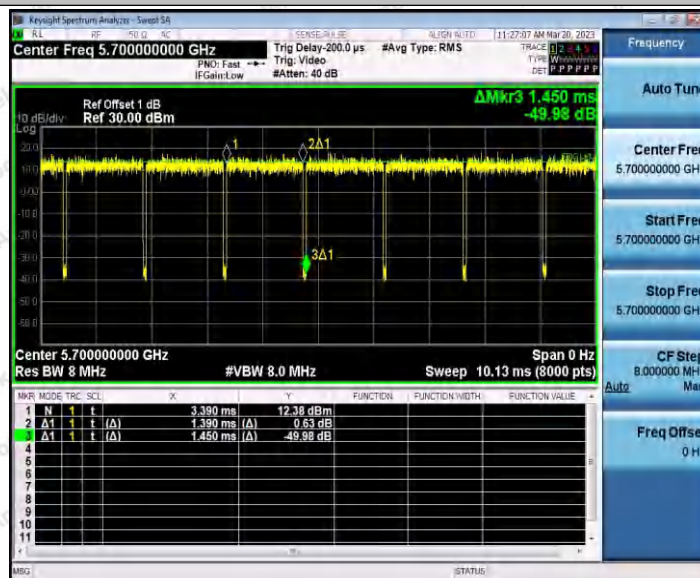
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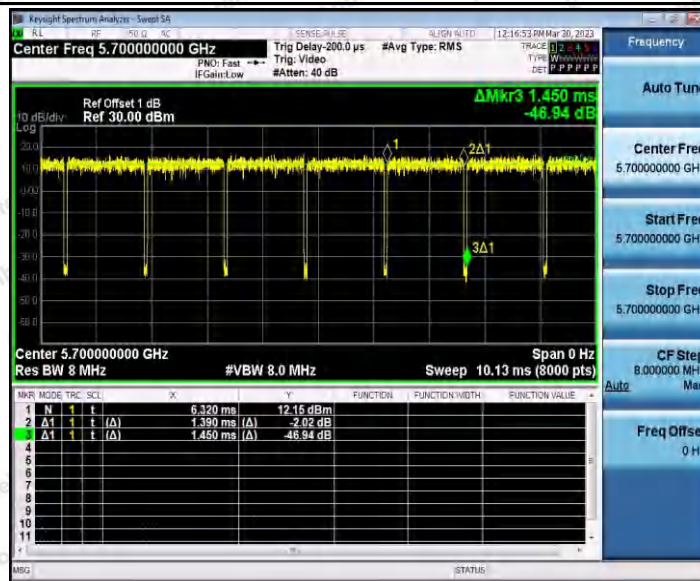


11A_Ant1_5700



11A_Ant2_5700

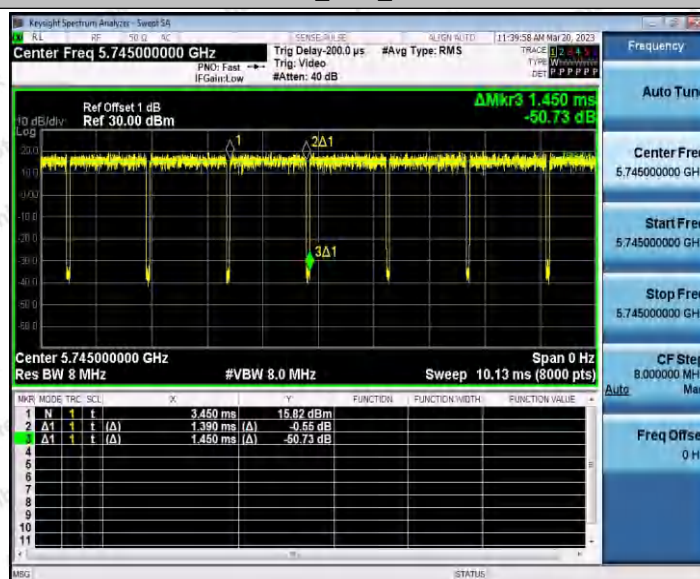




11A_Ant1_5745



11A_Ant2_5745



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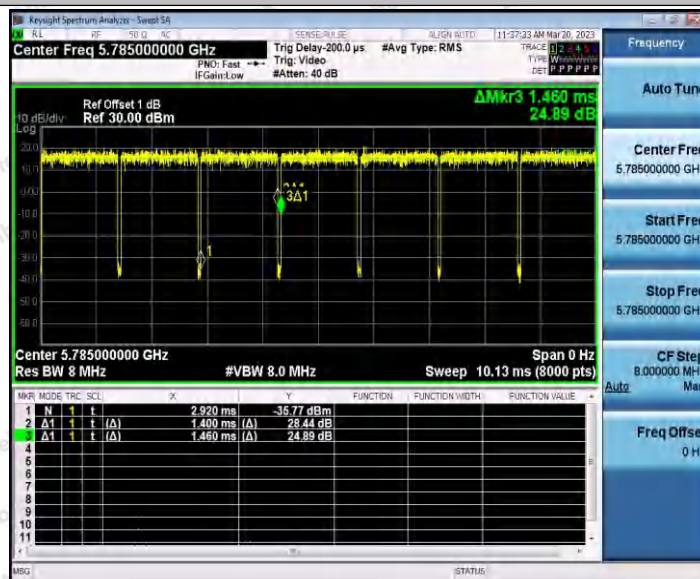
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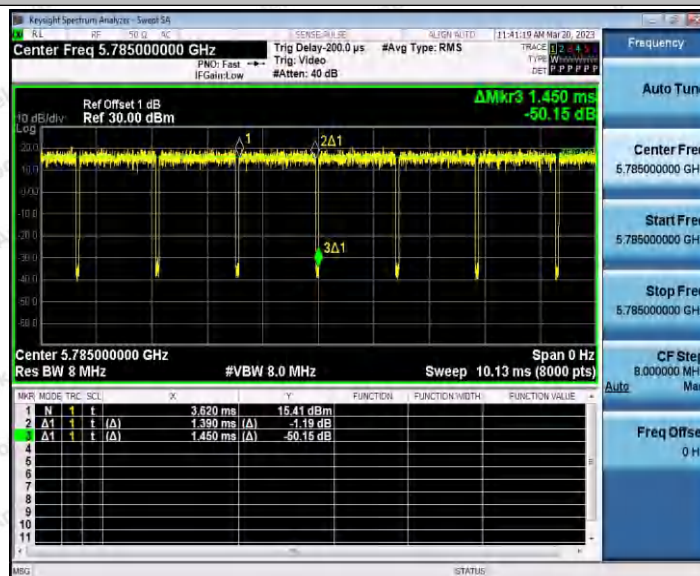
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11A_Ant1_5785

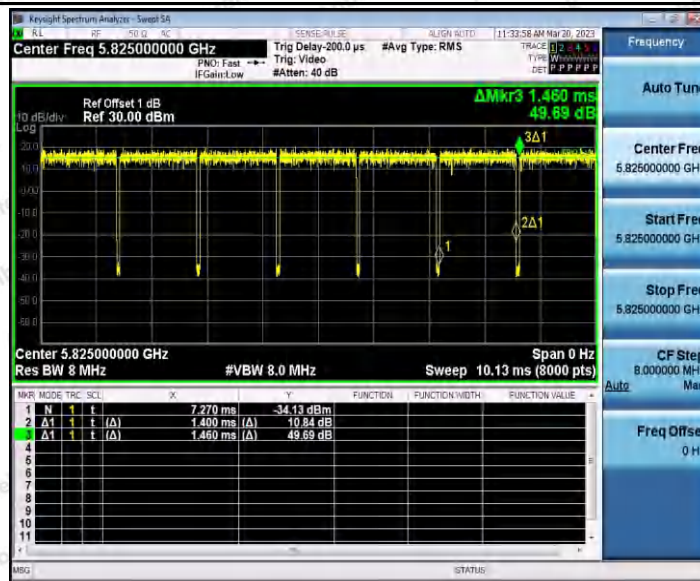


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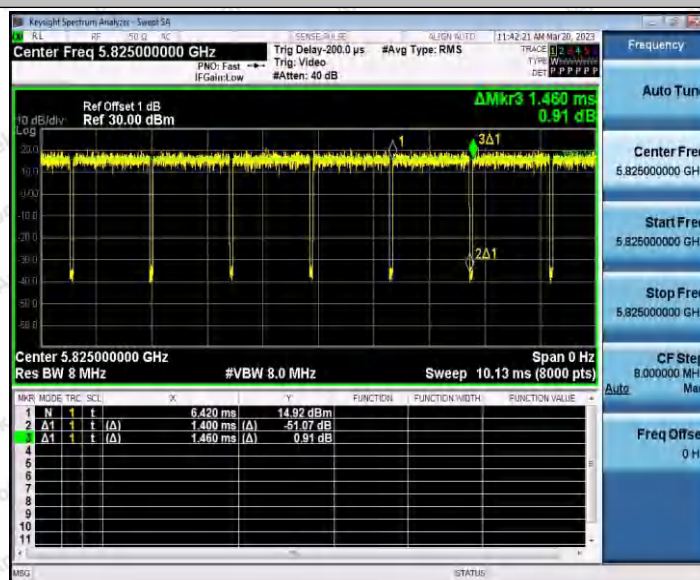


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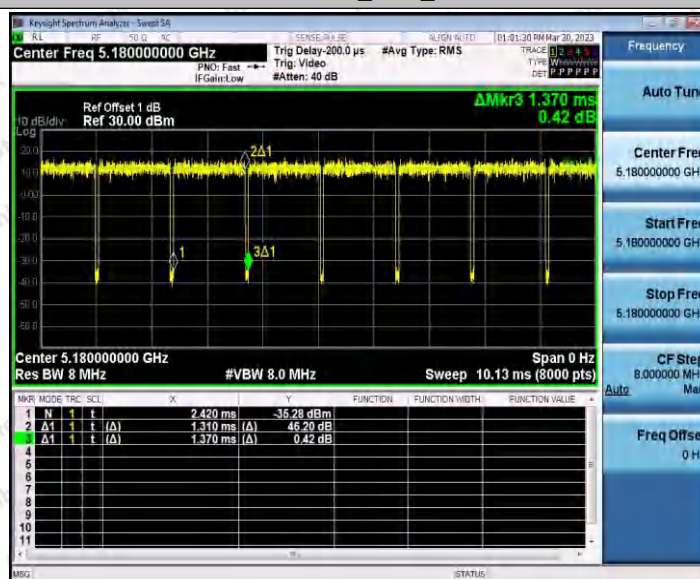




11A_Ant2_5825



11N20SISO_Ant1_5180



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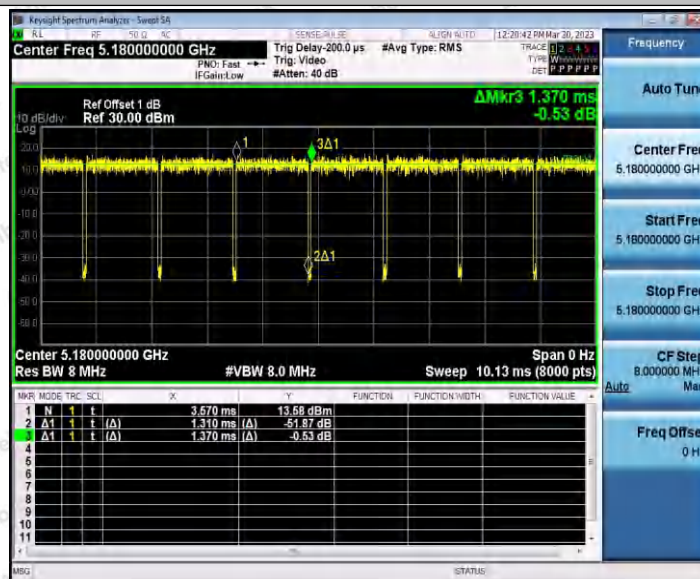
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community,
Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
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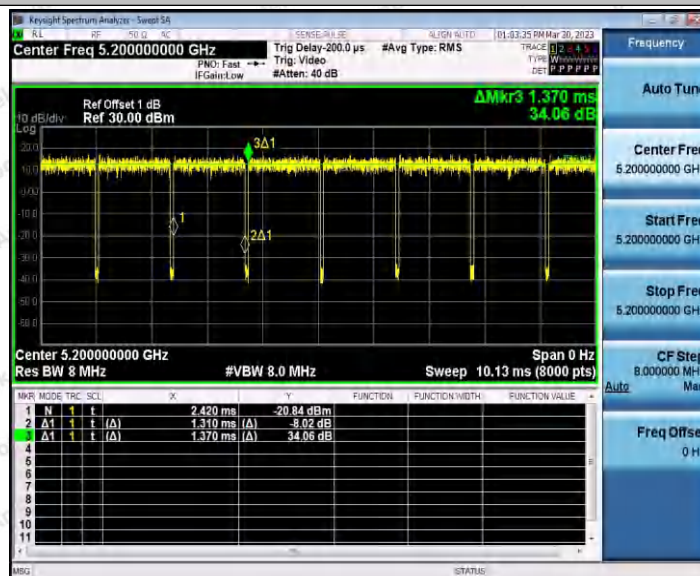
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11N20SISO_Ant2_5180

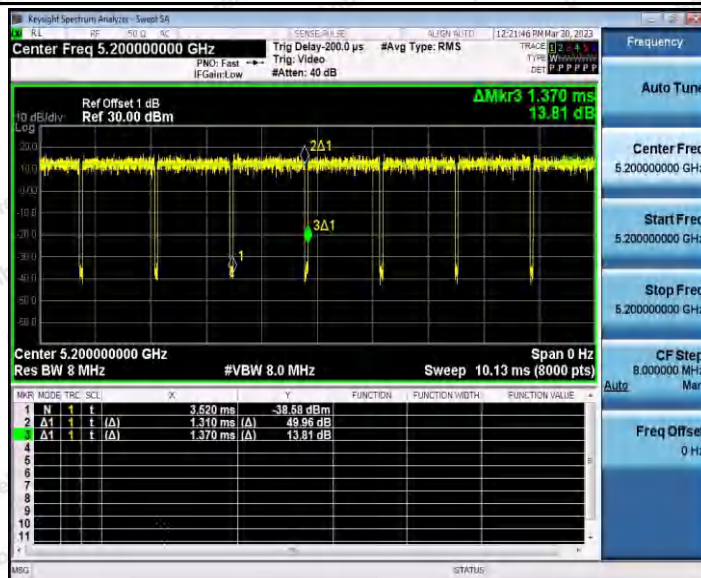


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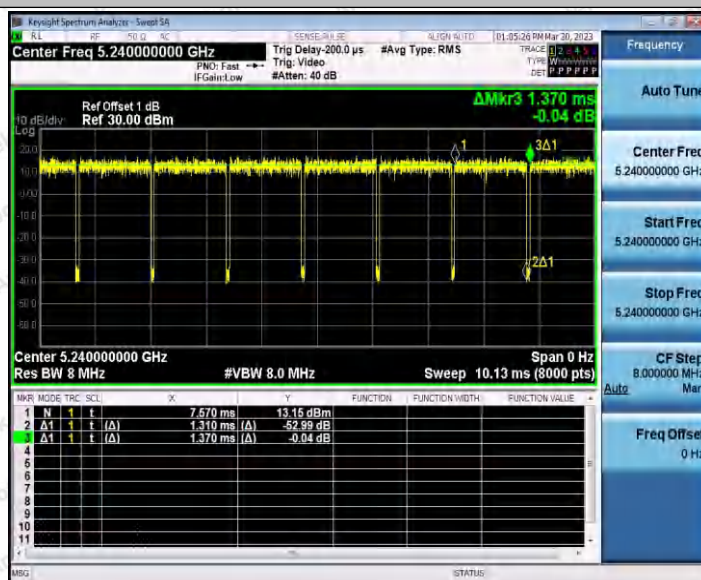


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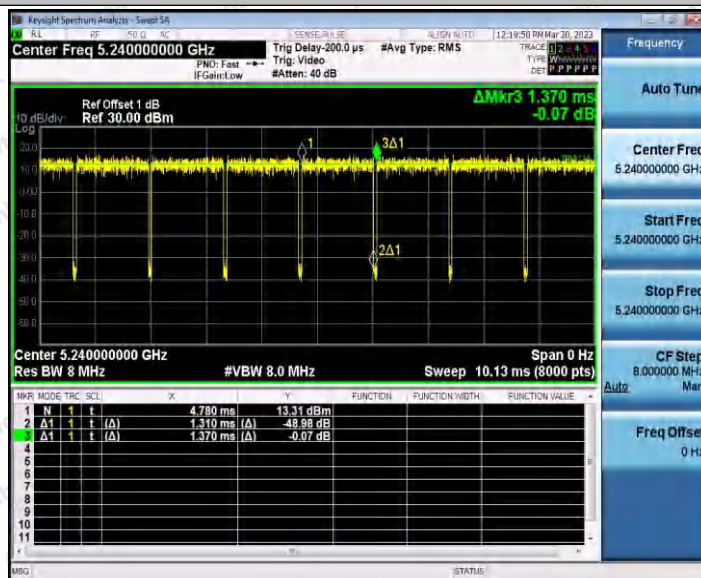




11N20SISO Ant1 5240



11N20SISO Ant2 5240



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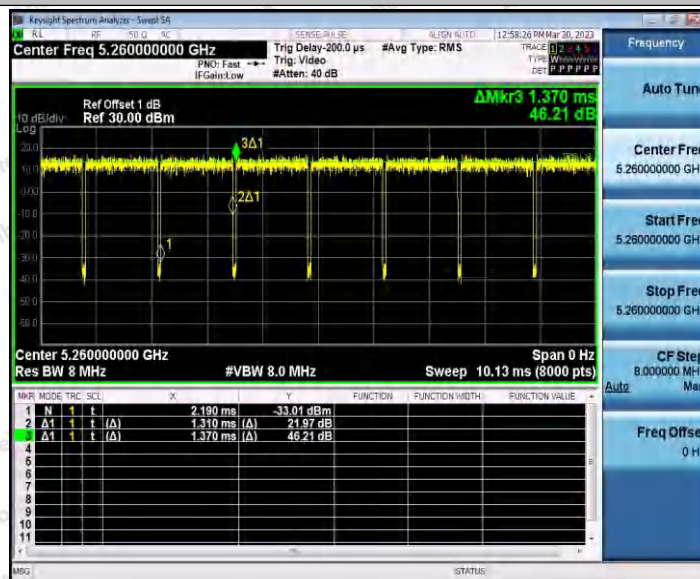
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community,
Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
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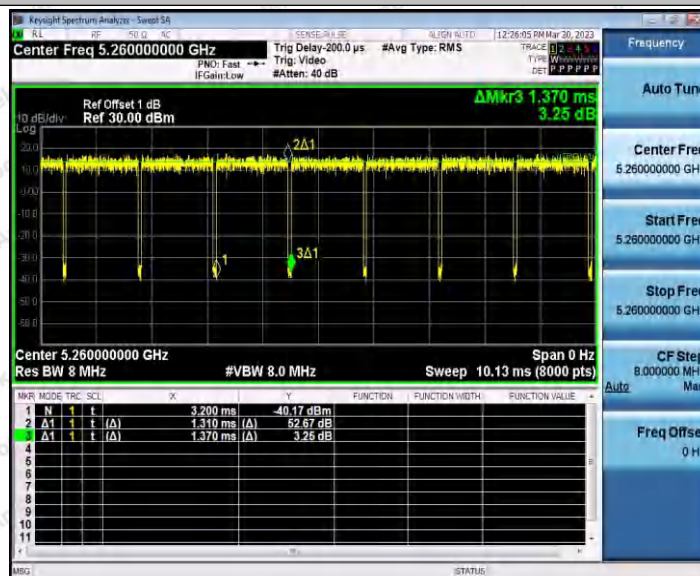
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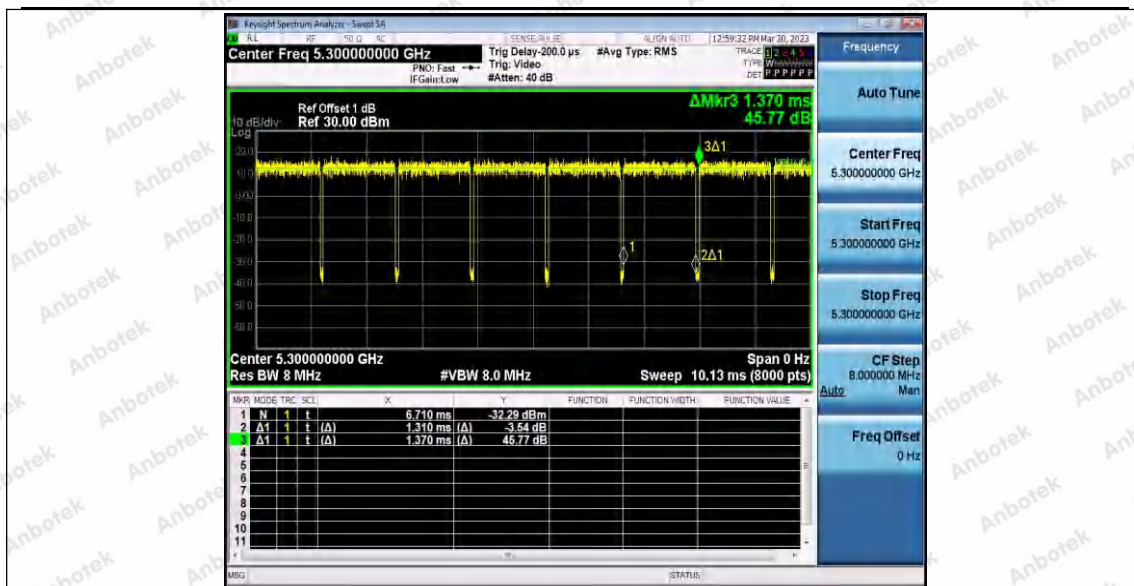


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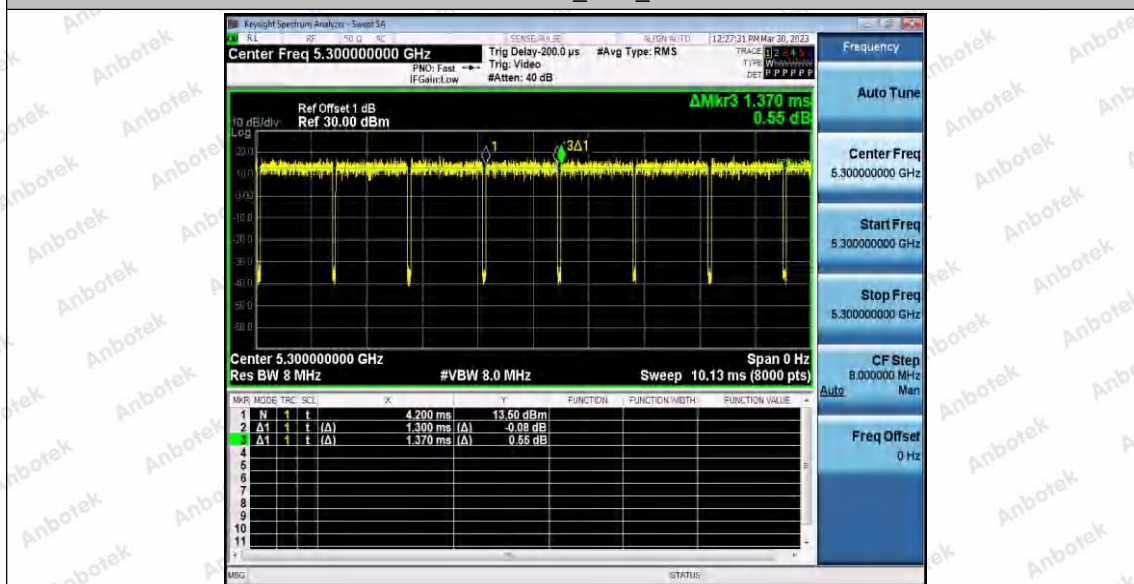


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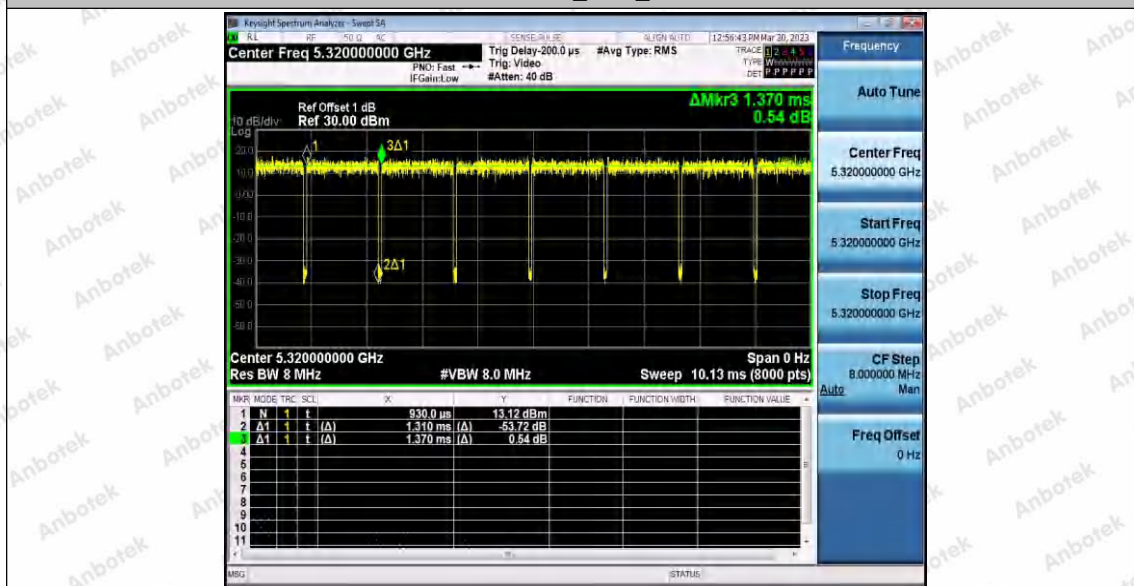




11N20SISO_Ant2_5300



11N20SISO_Ant1_5320



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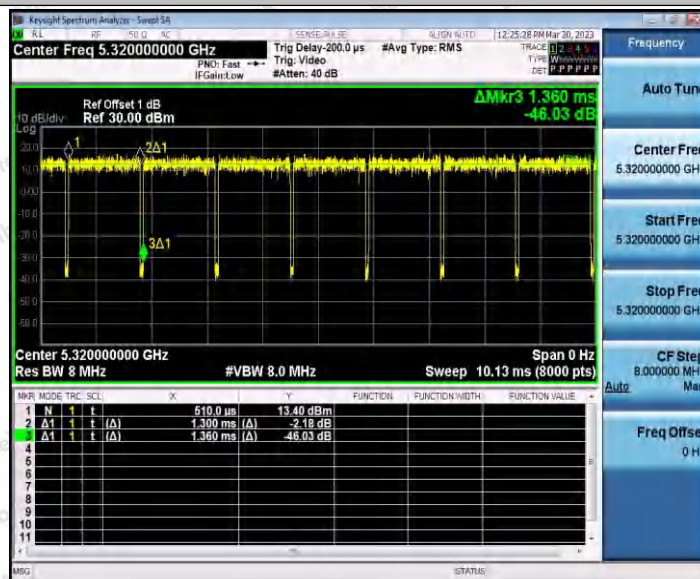
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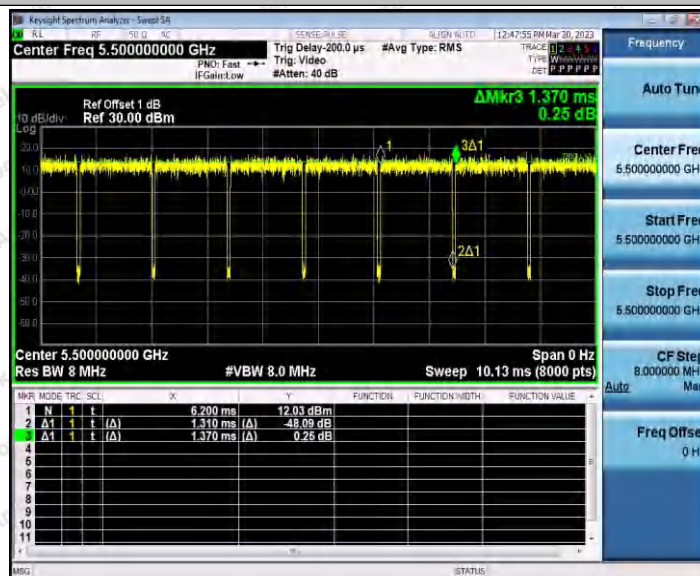
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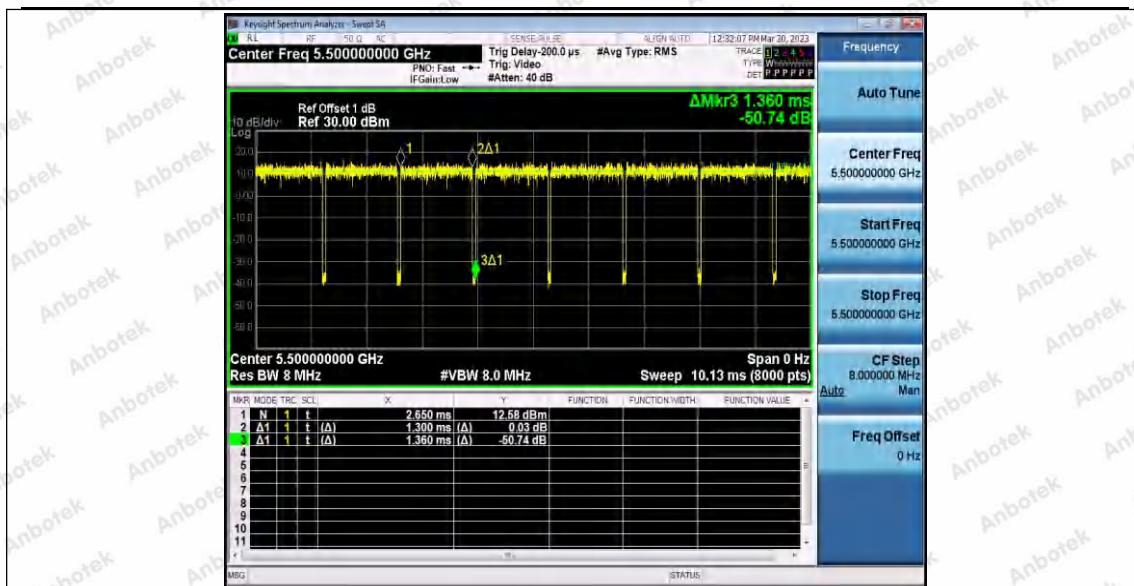


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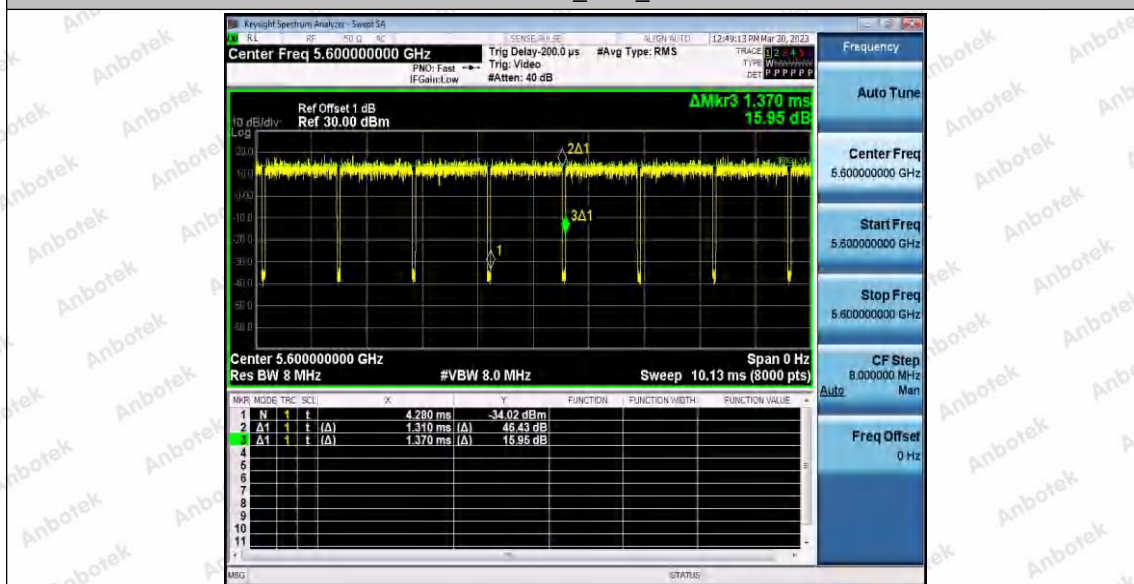


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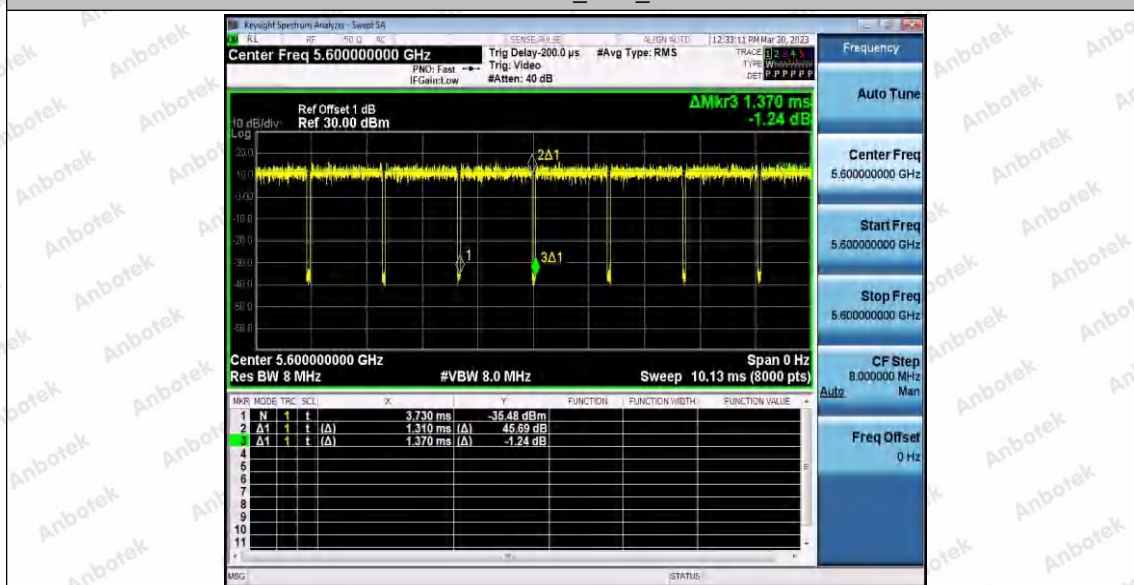




11N20SISO_Ant1_5600



11N20SISO_Ant2_5600



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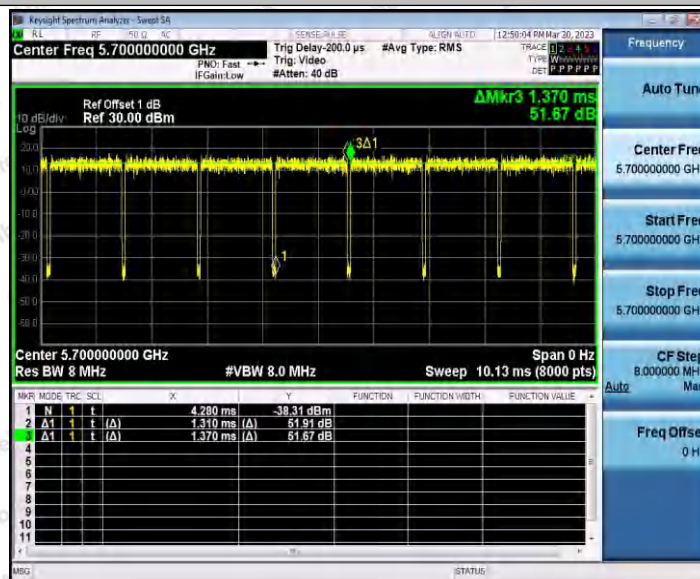
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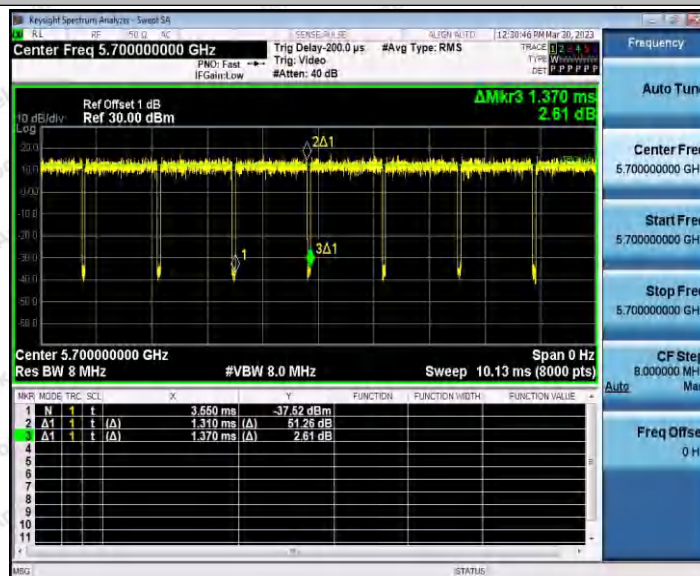
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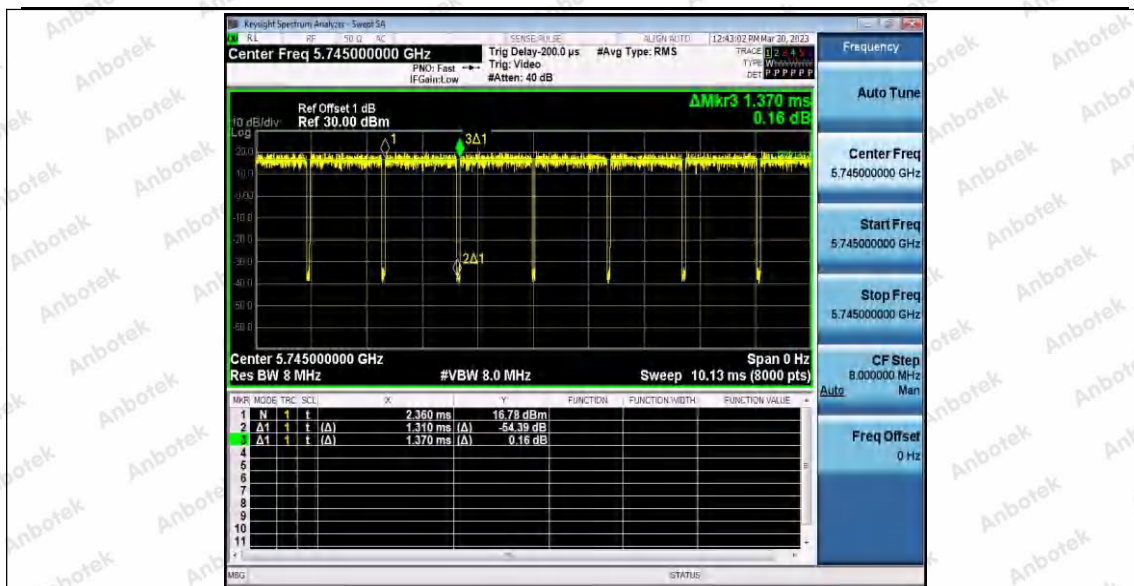


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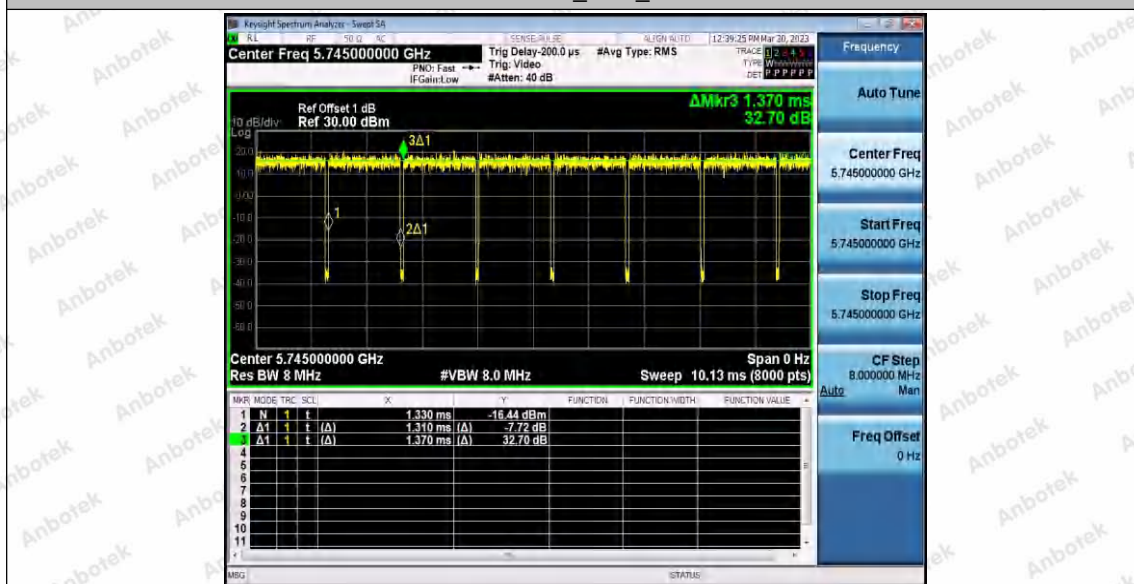


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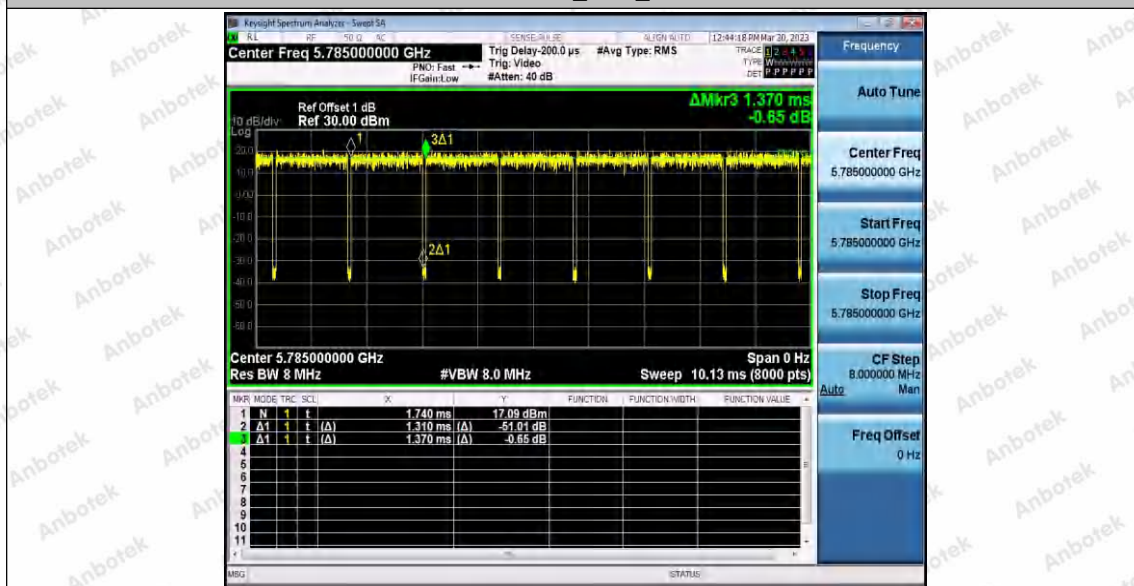




11N20SISO_Ant2_5745



11N20SISO_Ant1_5785



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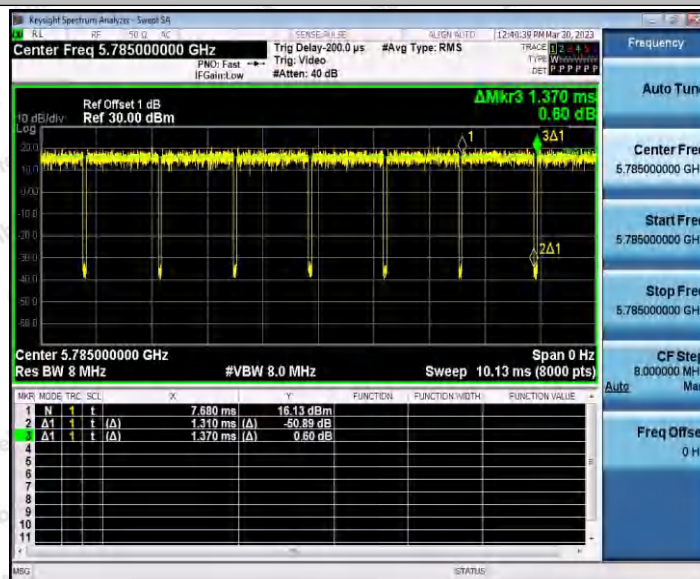
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
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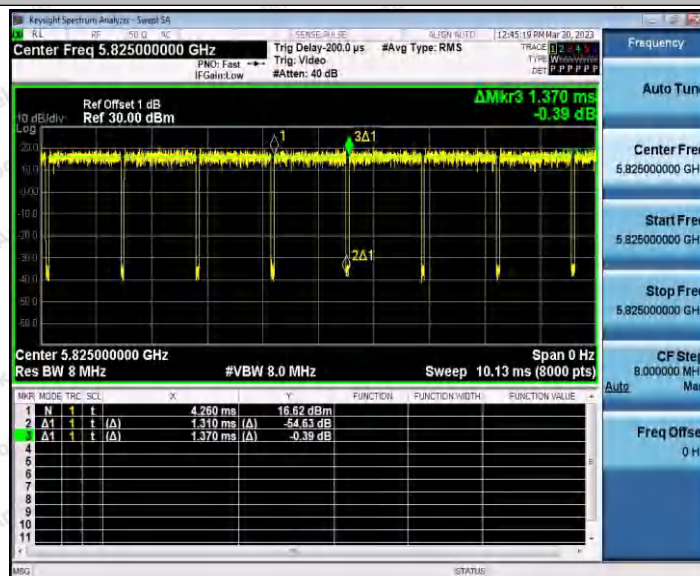
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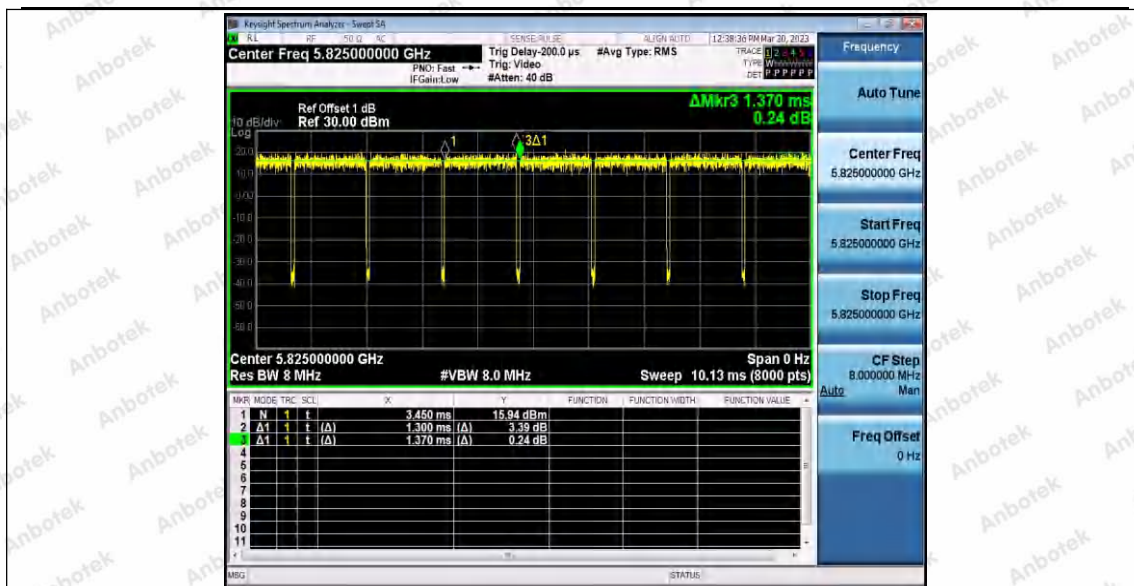


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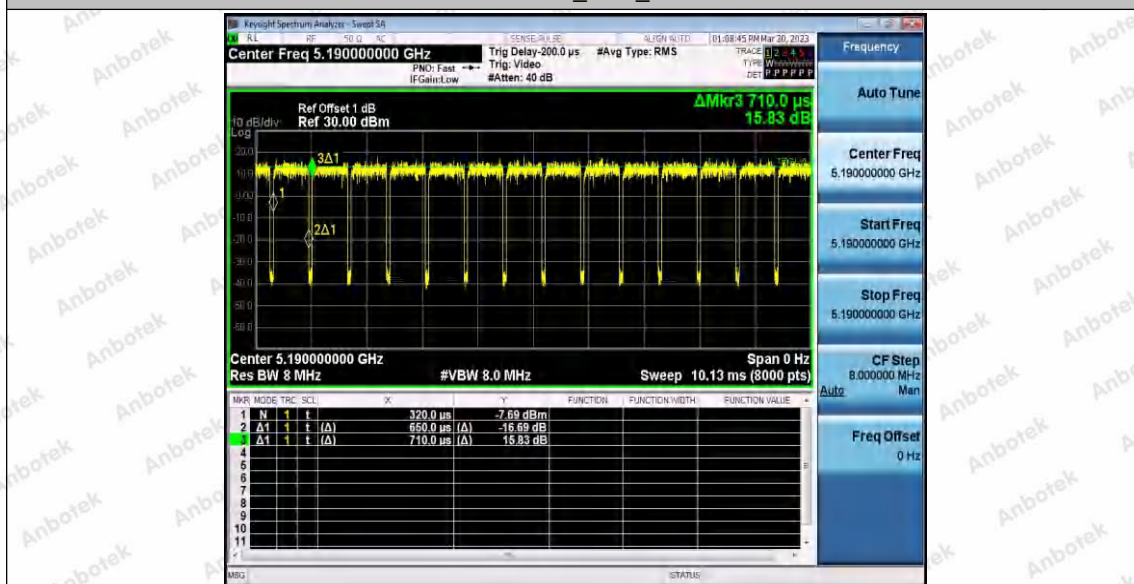


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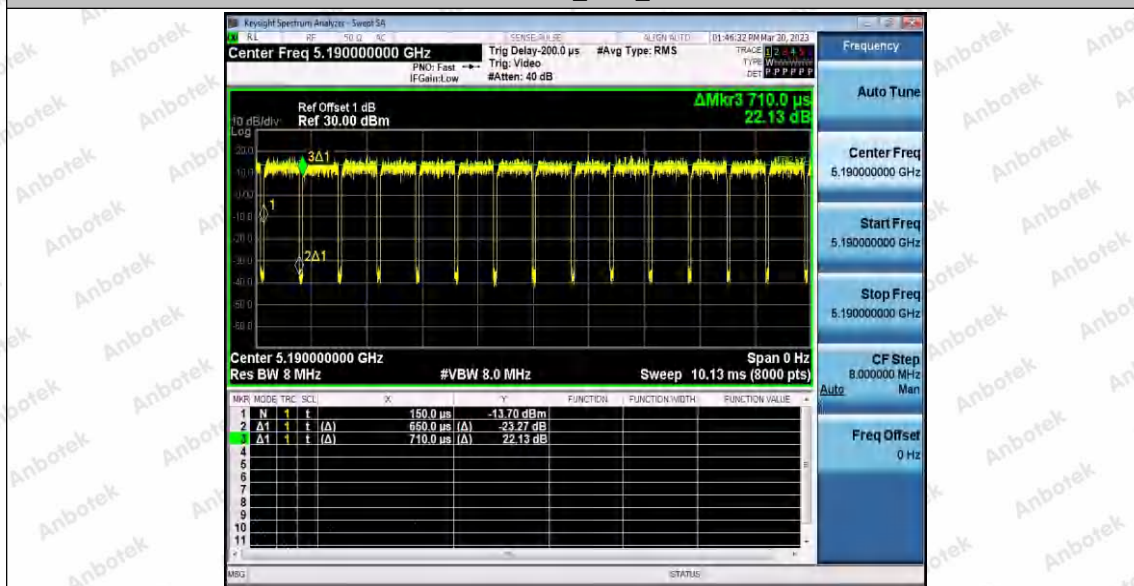




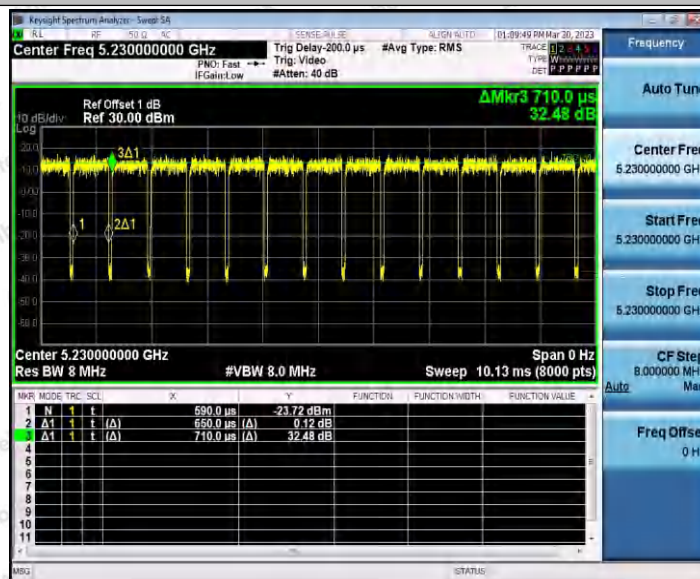
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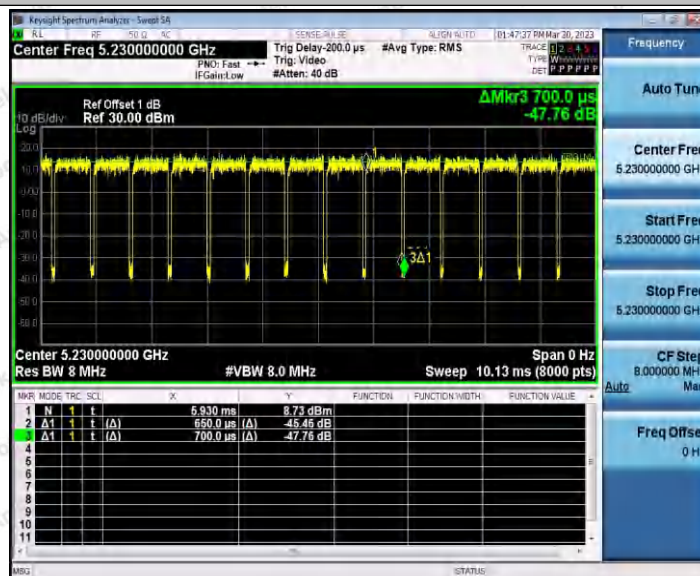
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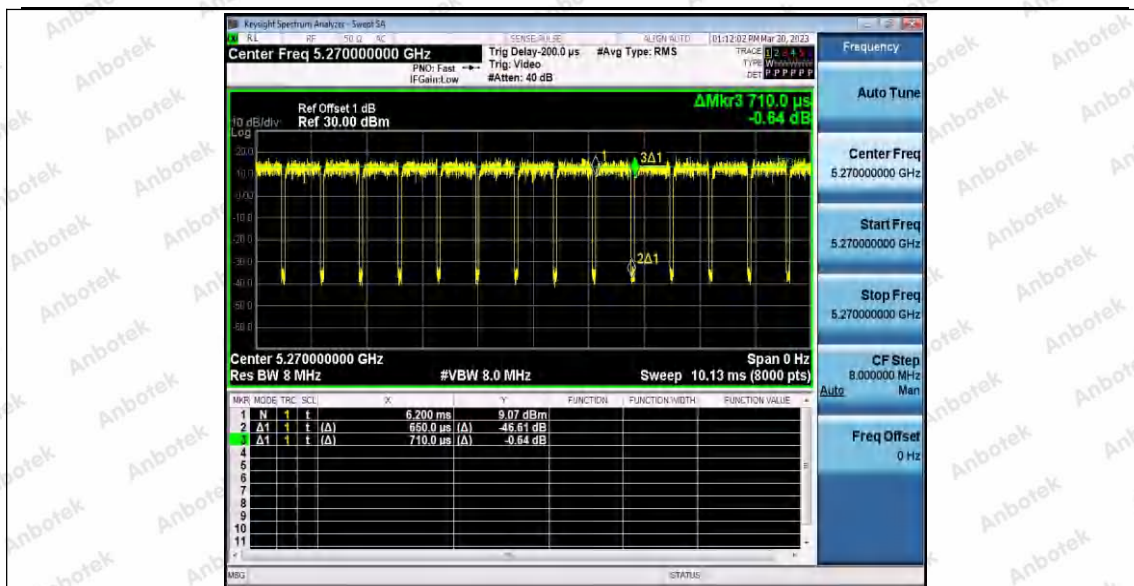


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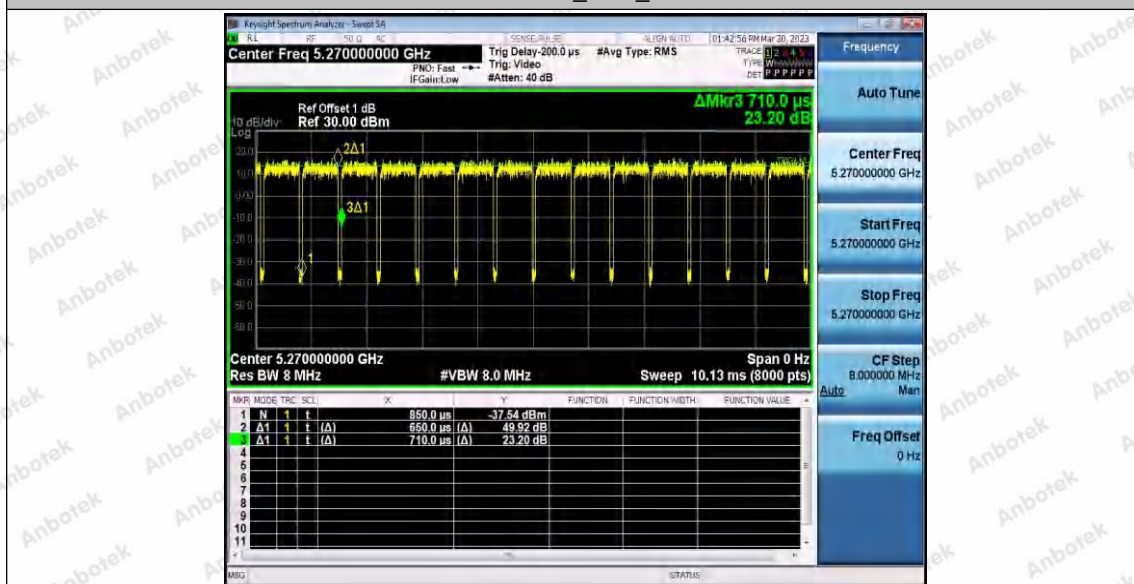


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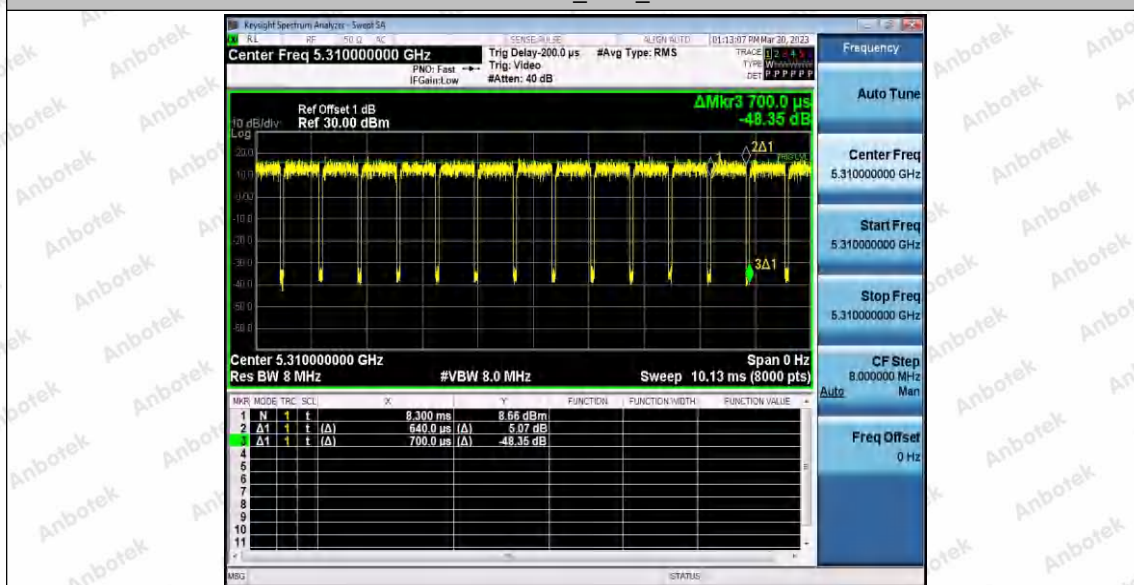




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11N40SISO_Ant1_5310



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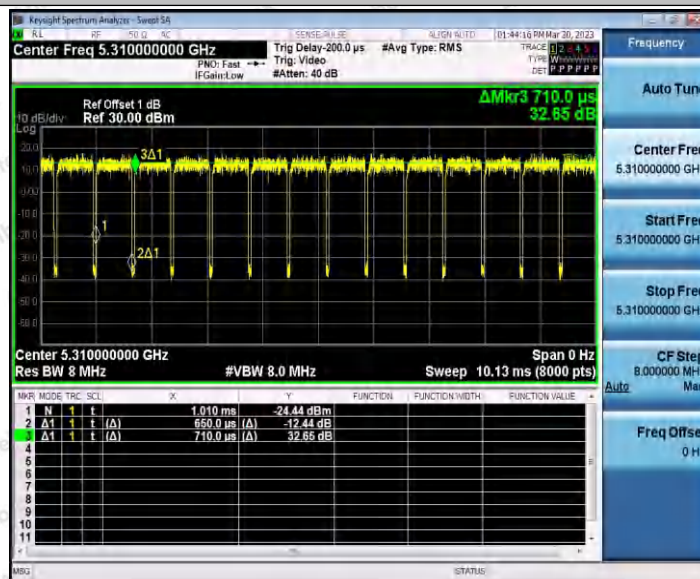
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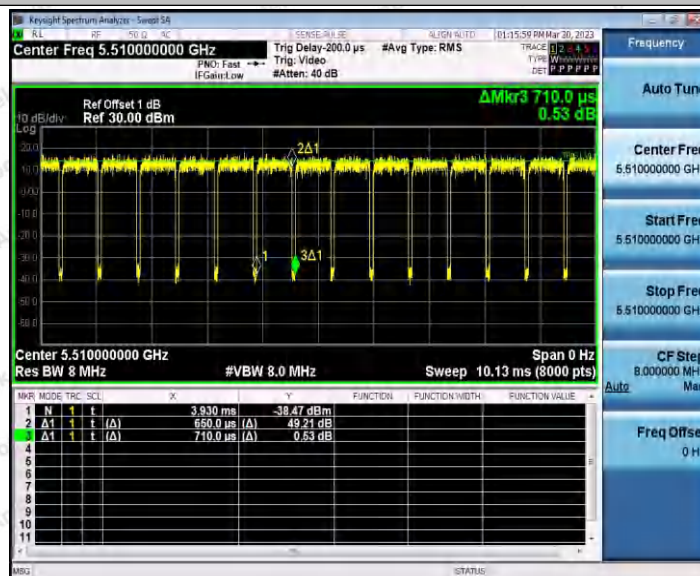
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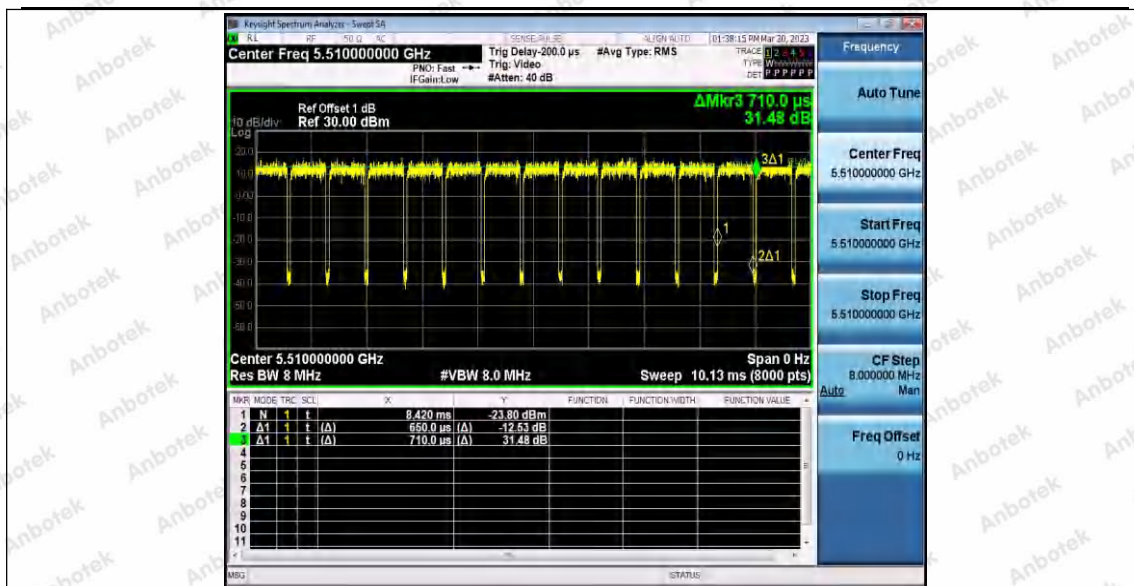


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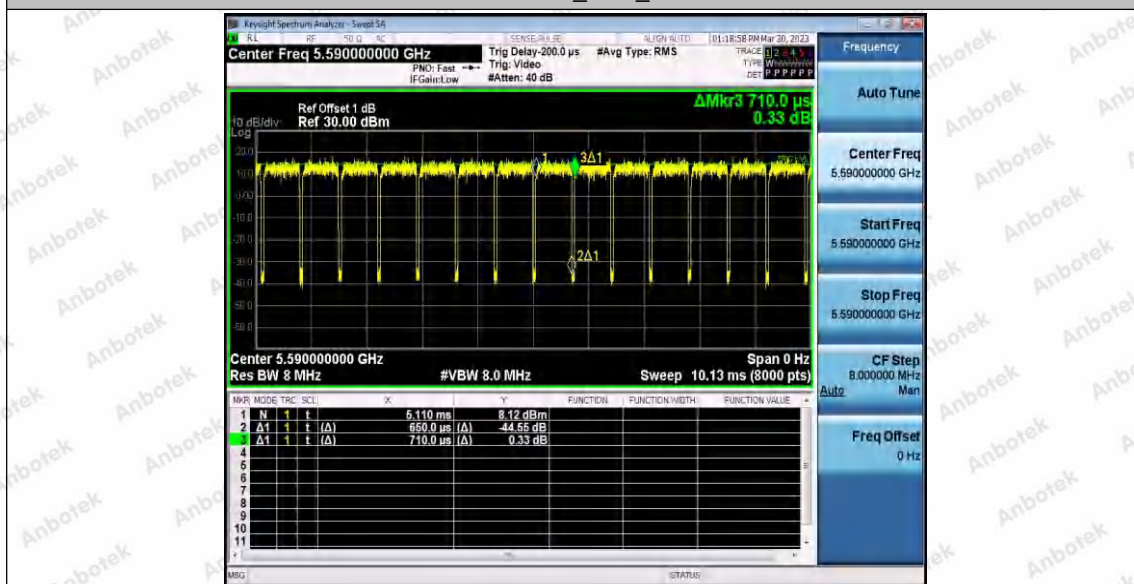


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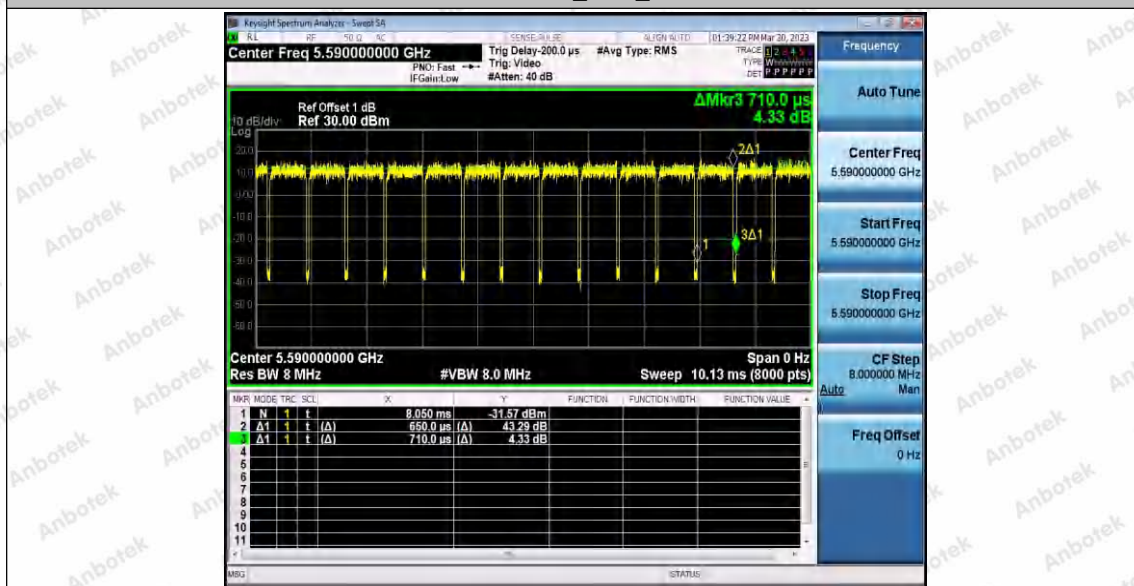




11N40SISO_Ant1_5590



11N40SISO_Ant2_5590



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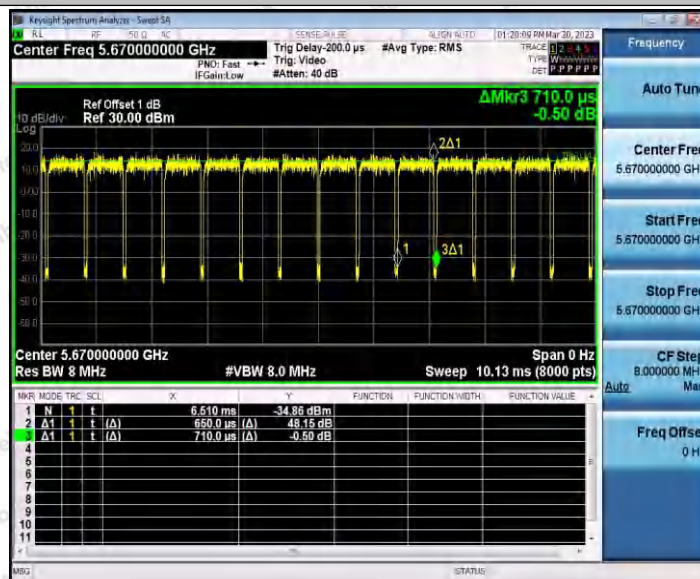
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
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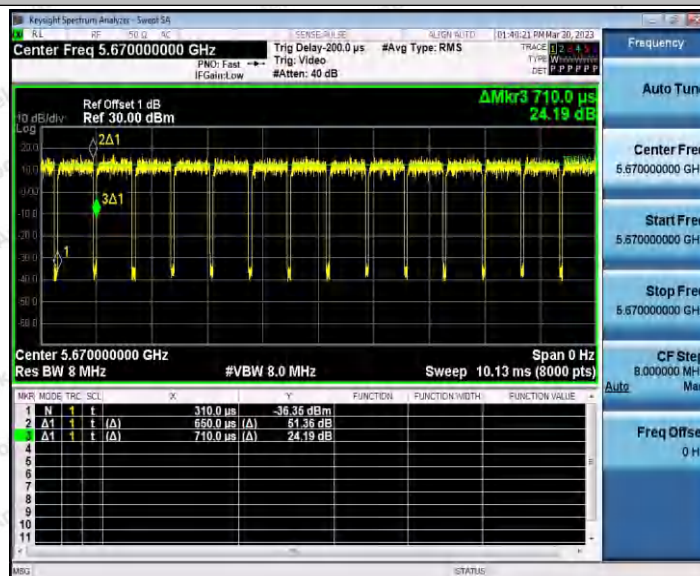
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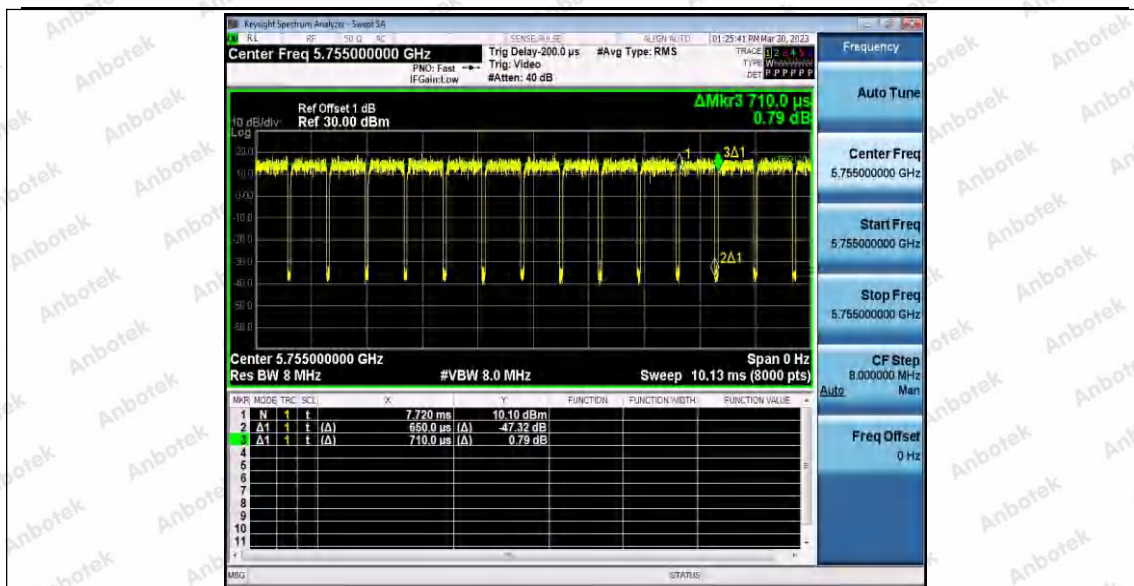


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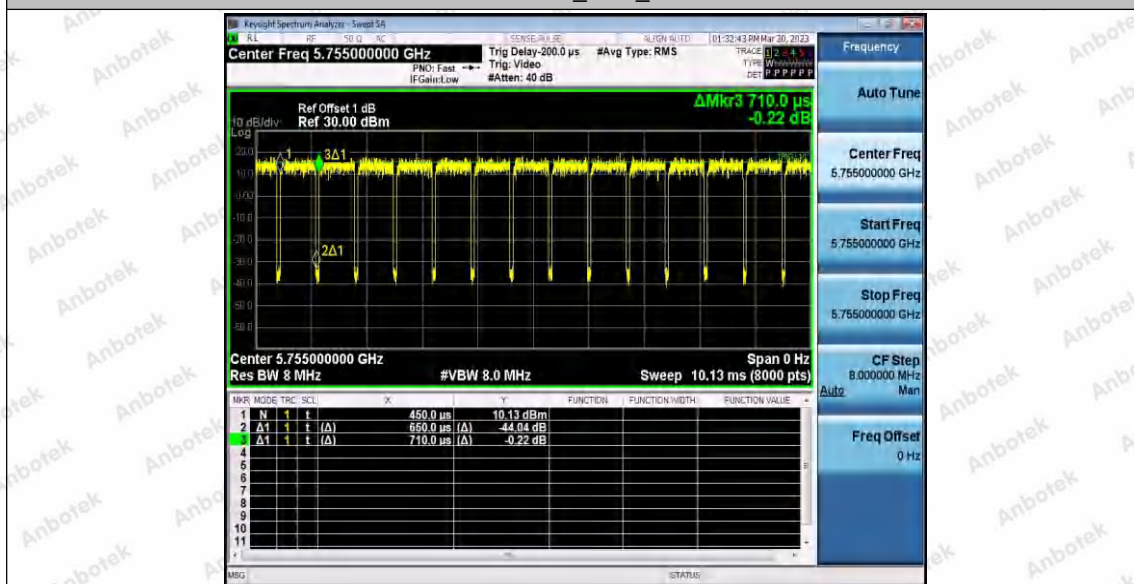


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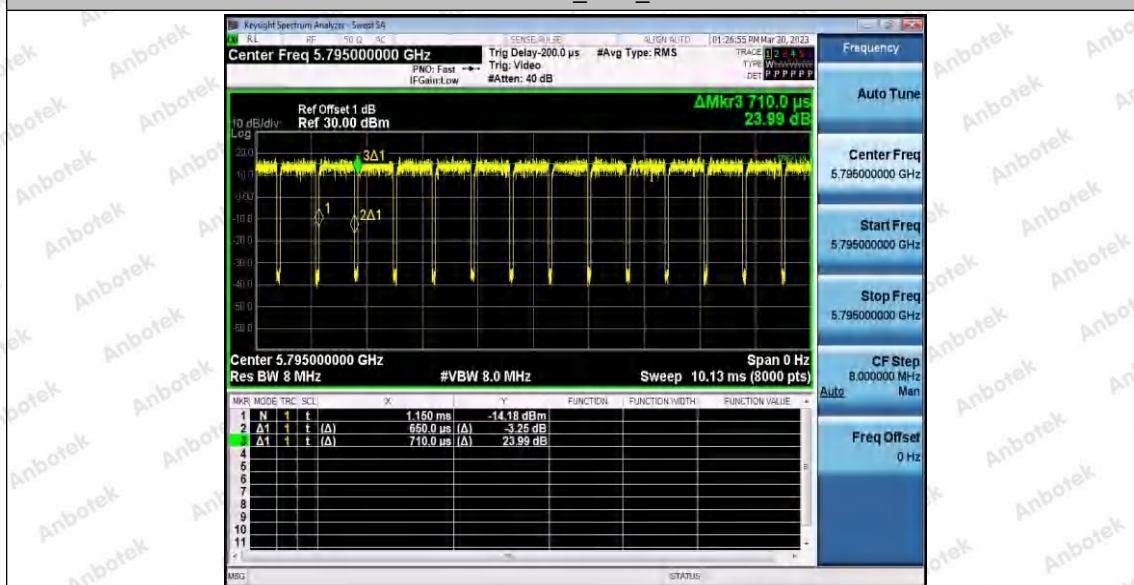




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11N40SISO_Ant1_5795



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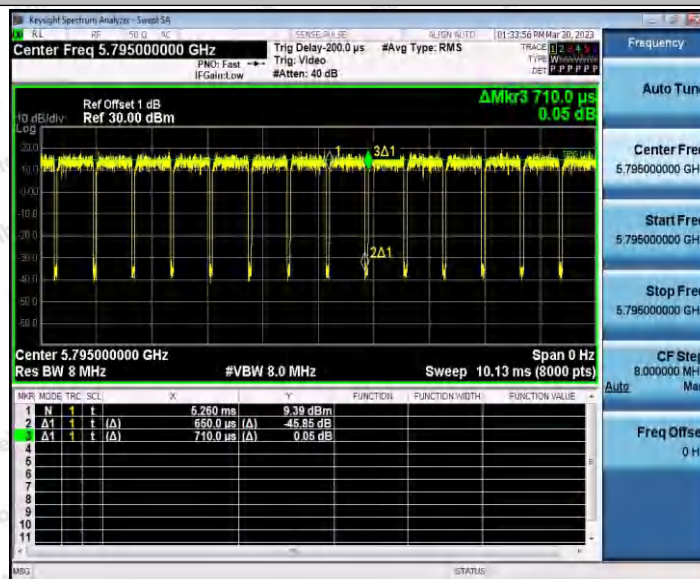
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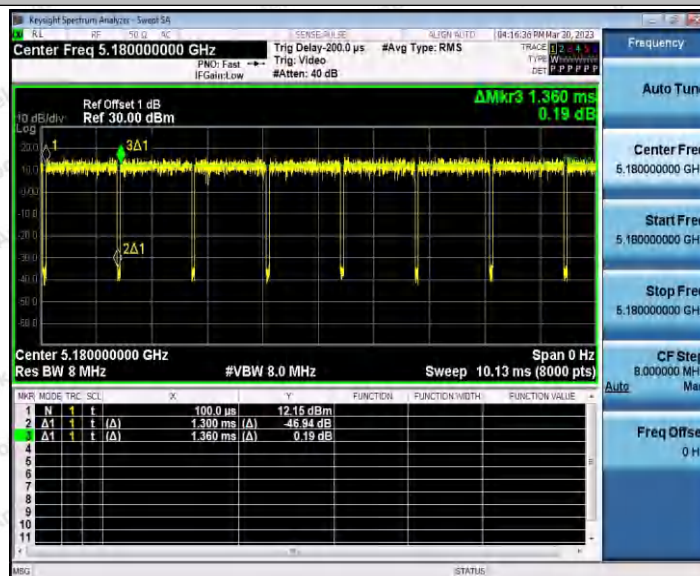
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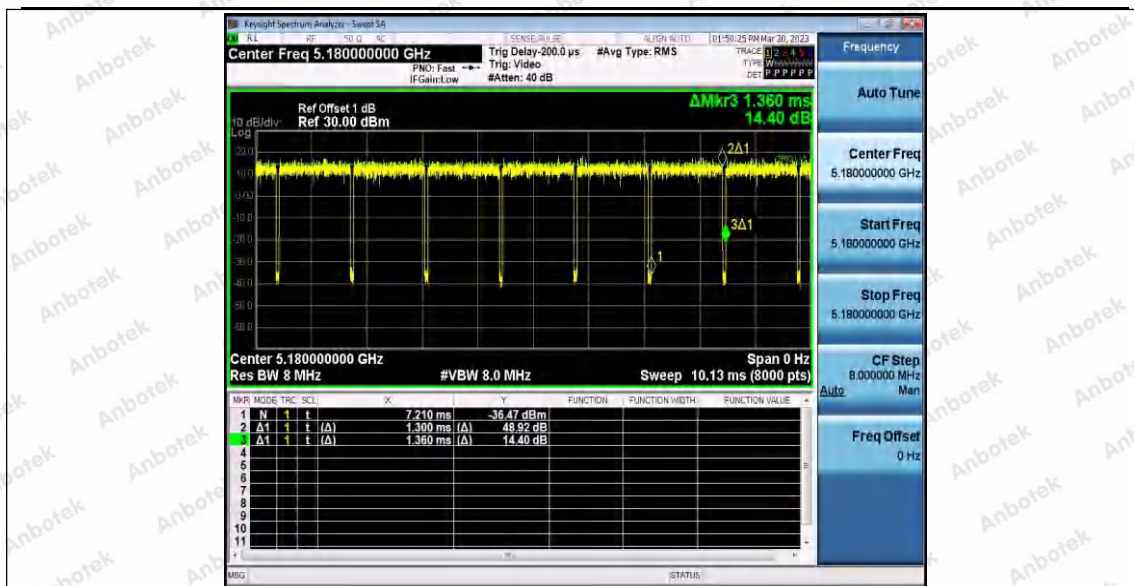


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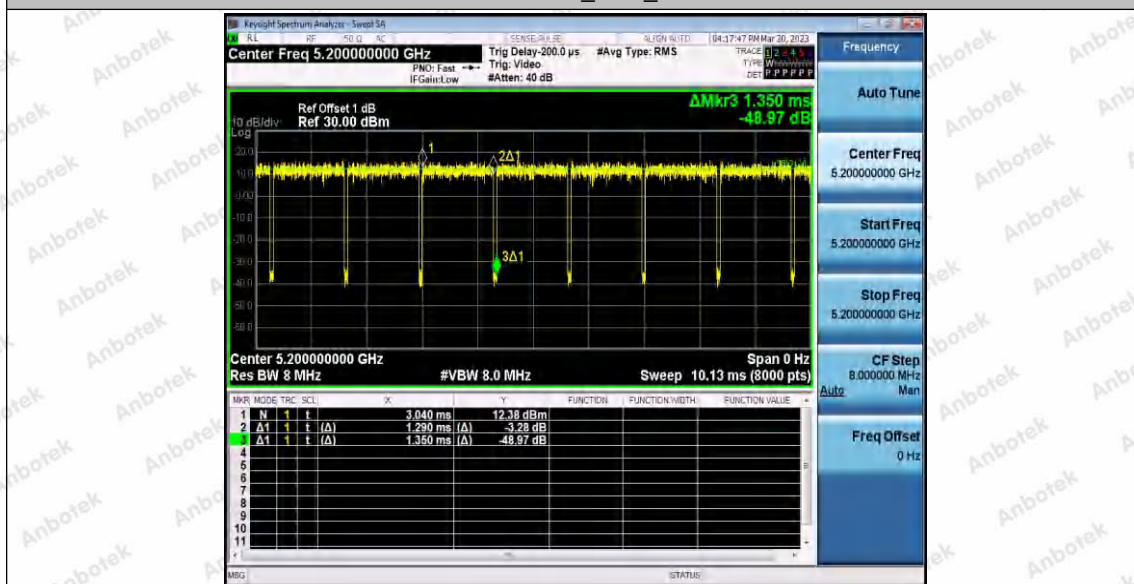


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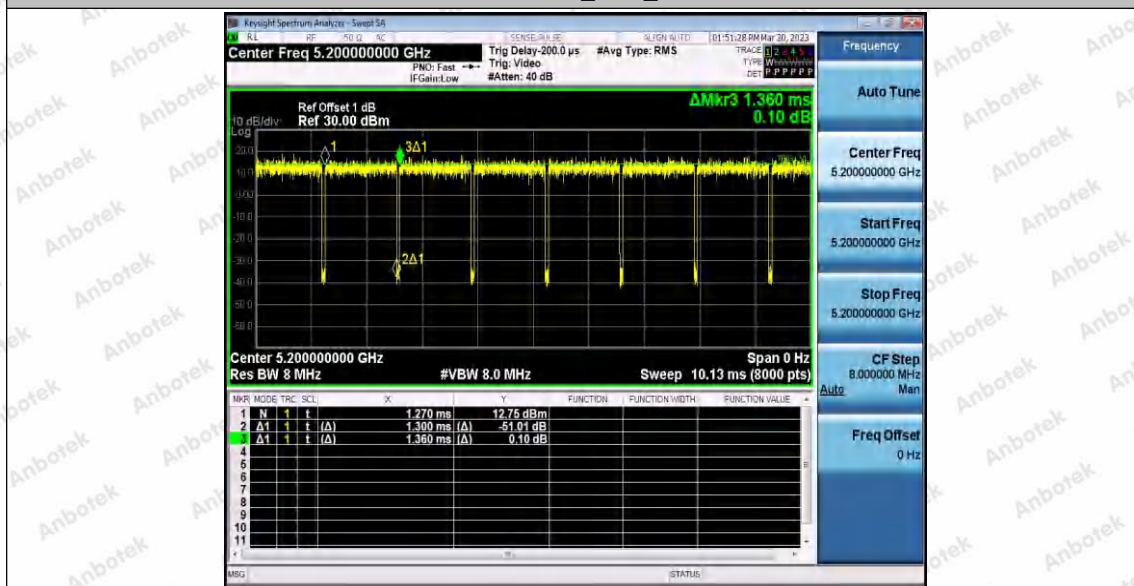




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11AC20SISO_Ant2_5200



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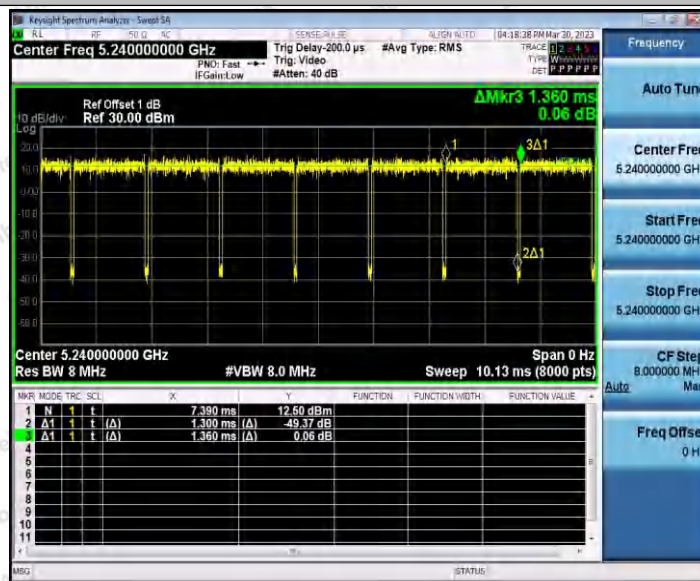
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
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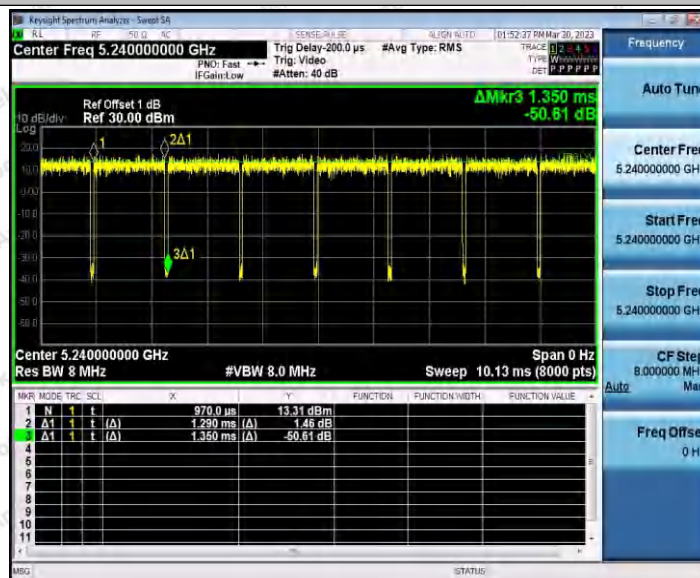
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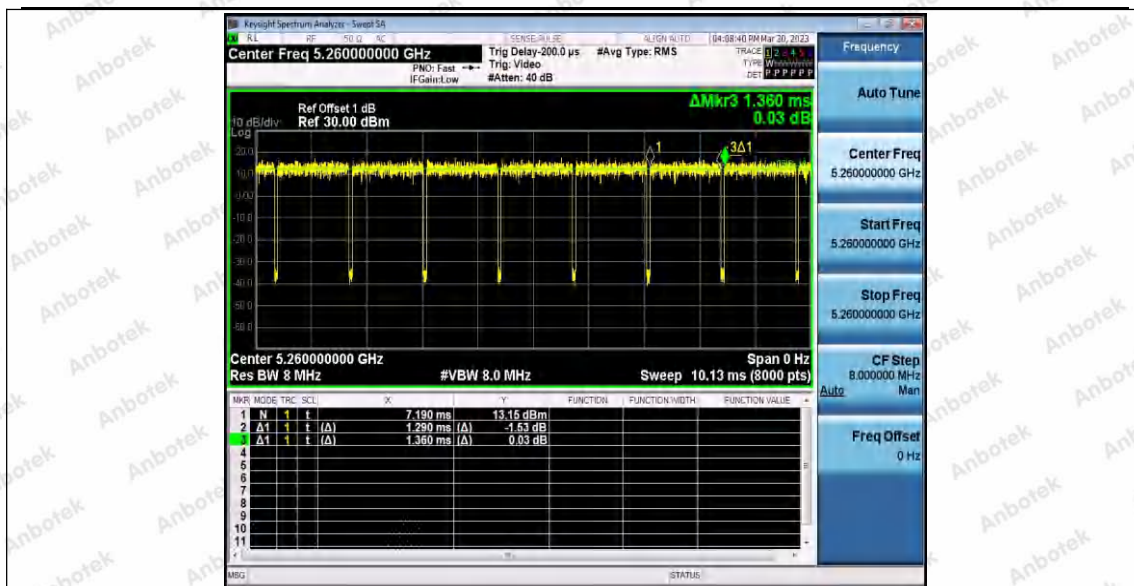


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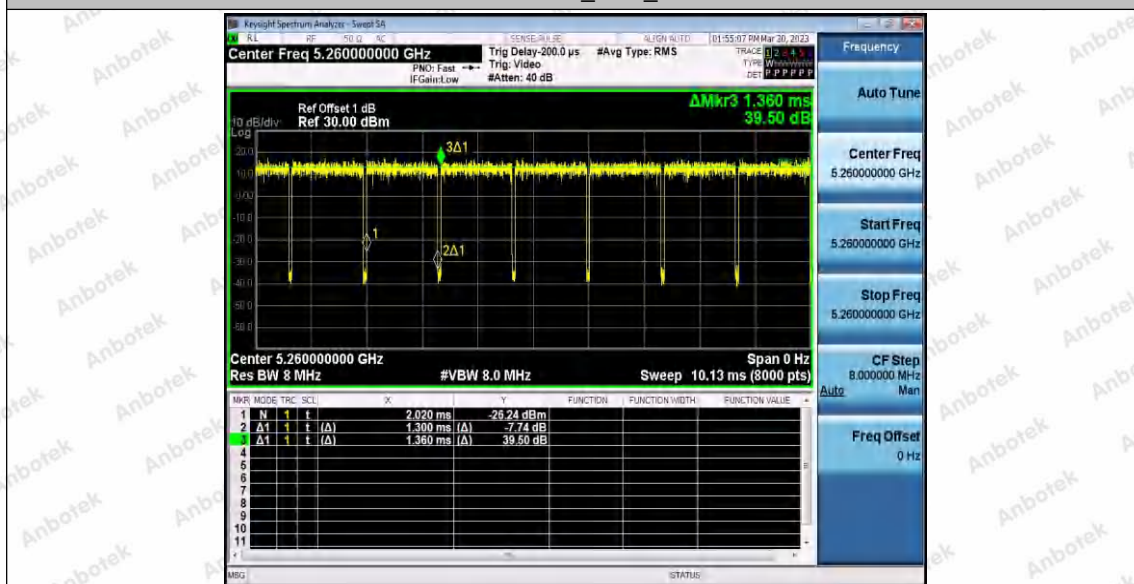


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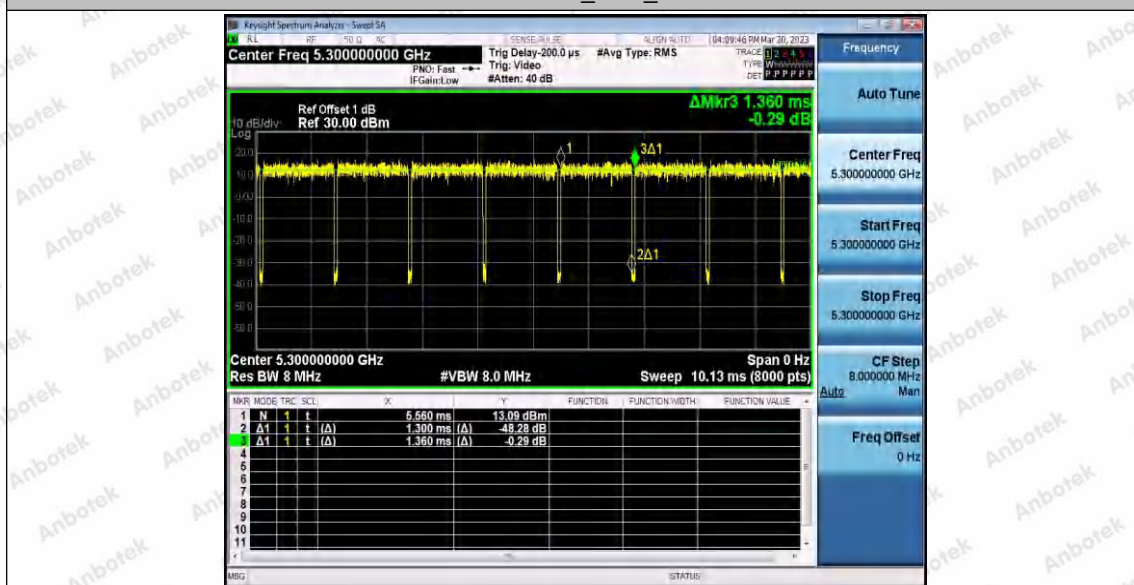




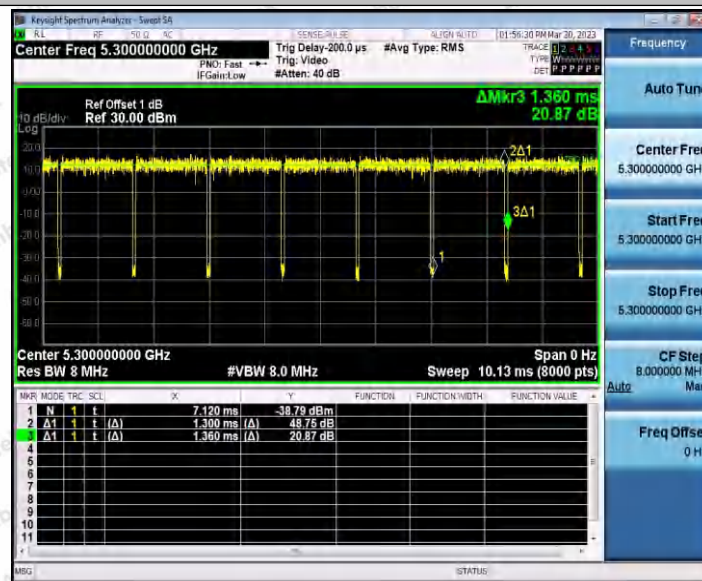
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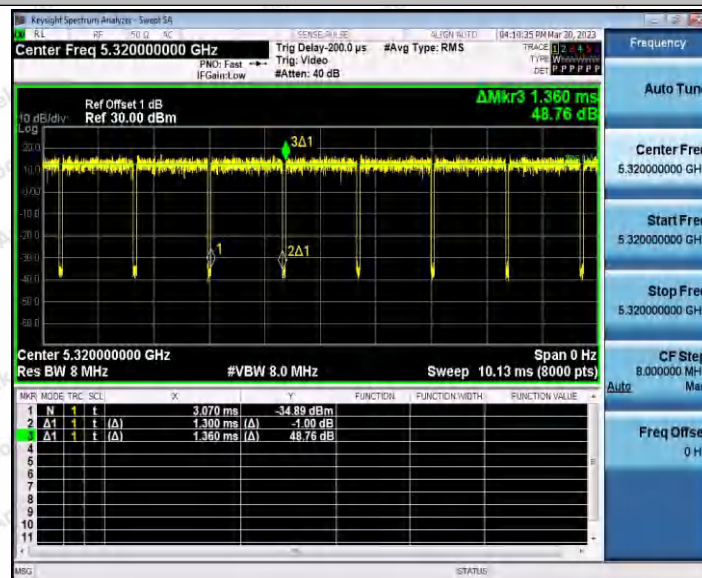
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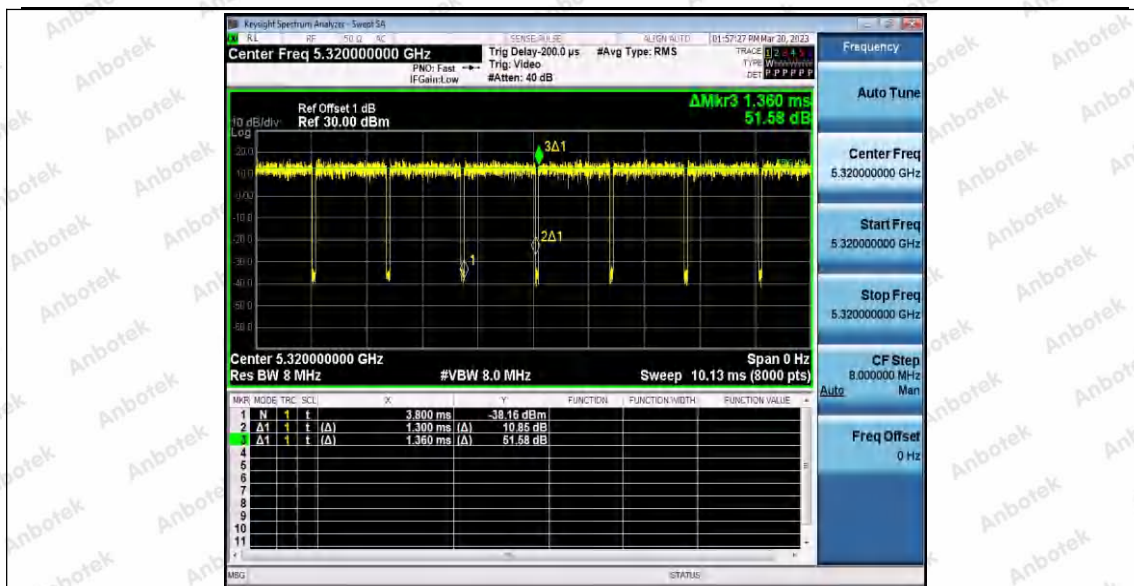


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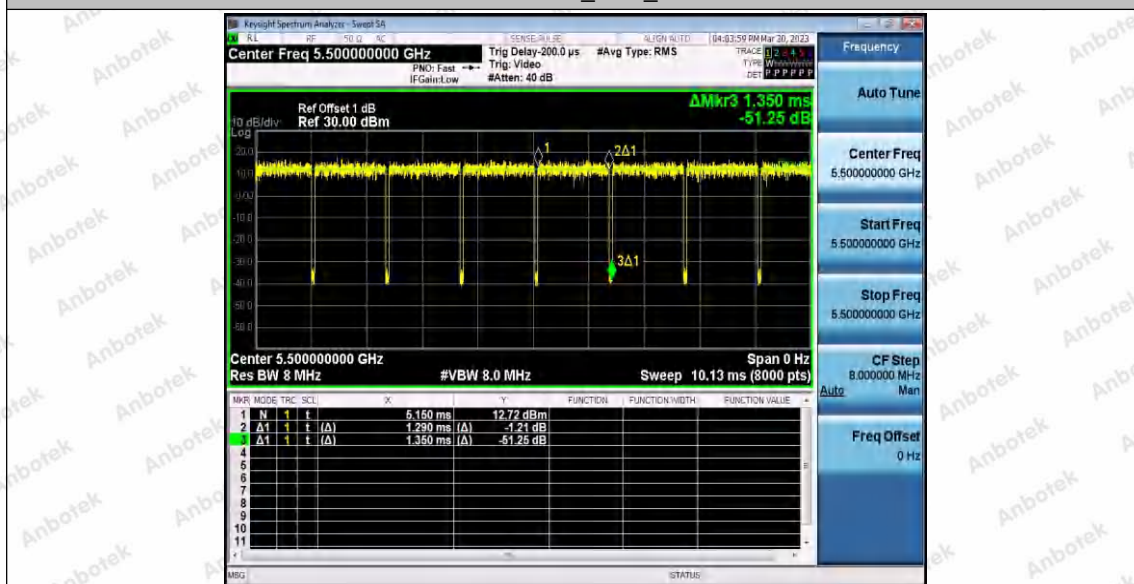


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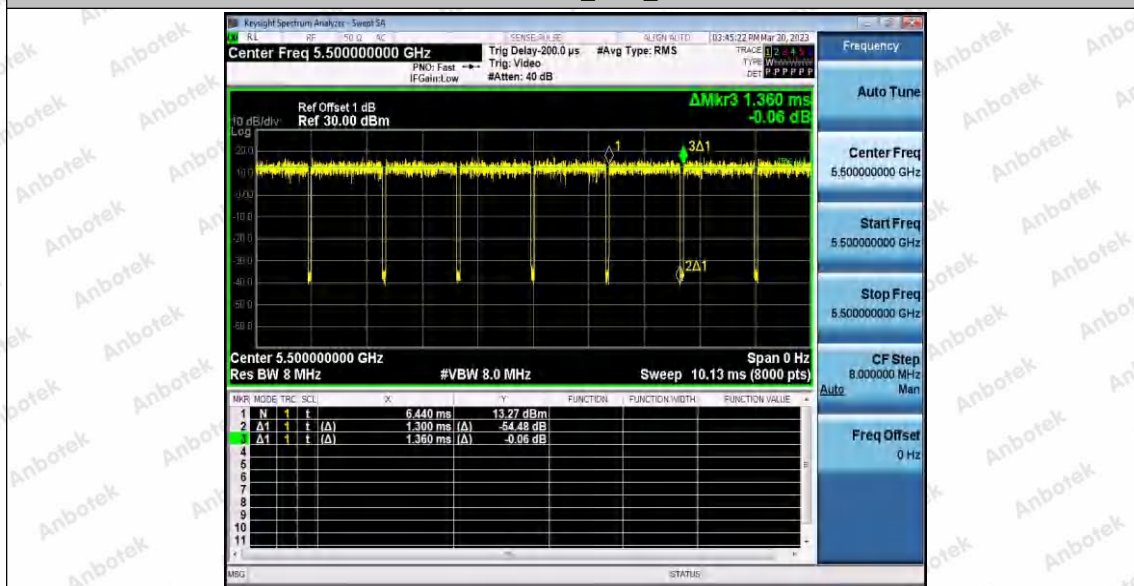




11AC20SISO_Ant1_5500



11AC20SISO_Ant2_5500



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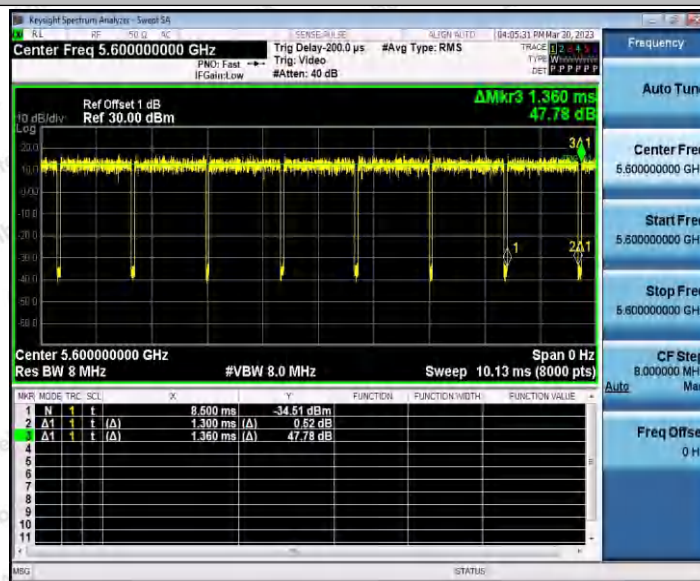
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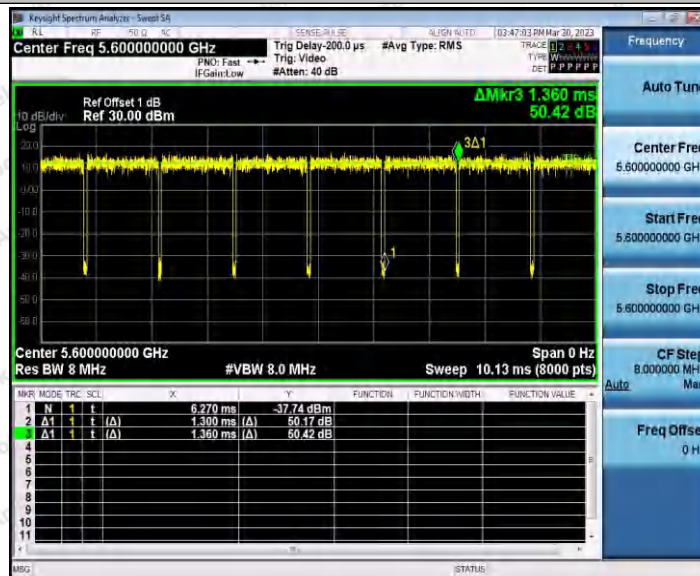
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11AC20SISO_Ant1_5600



11AC20SISO_Ant2_5600



11AC20SISO_Ant1_5700

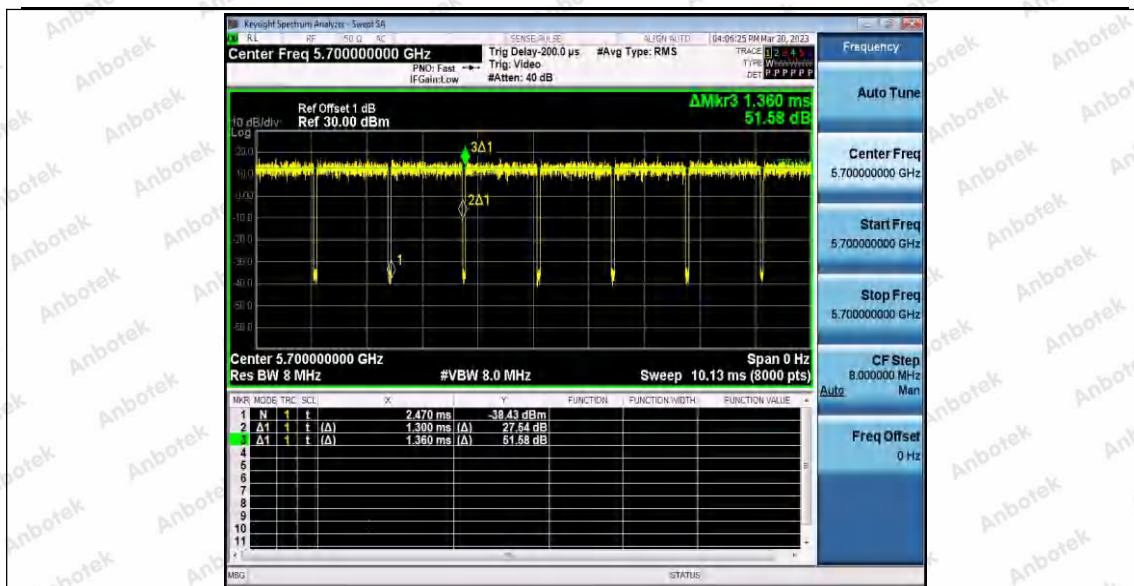
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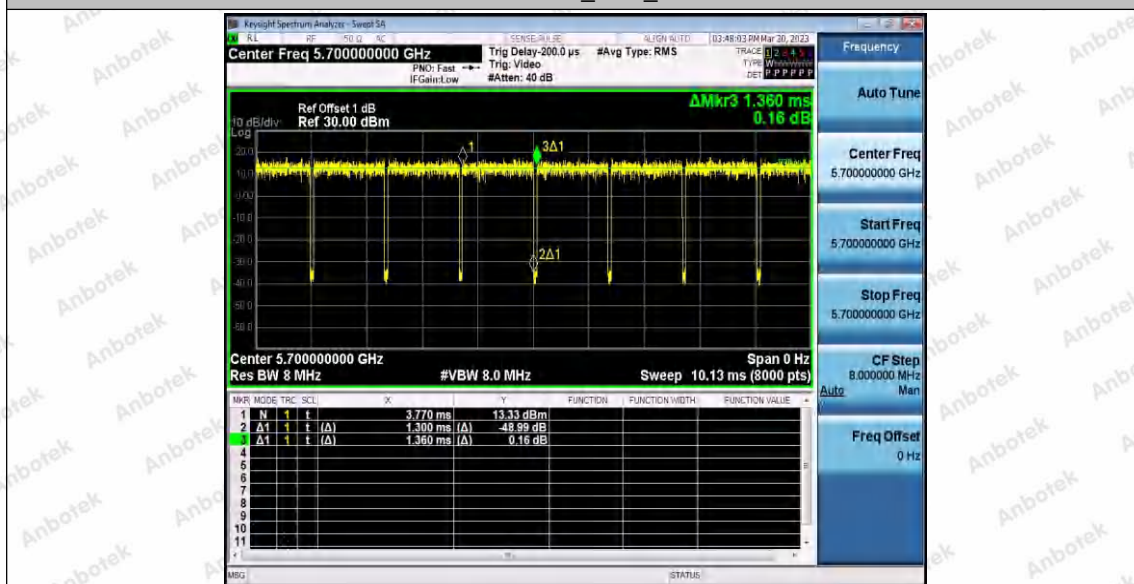


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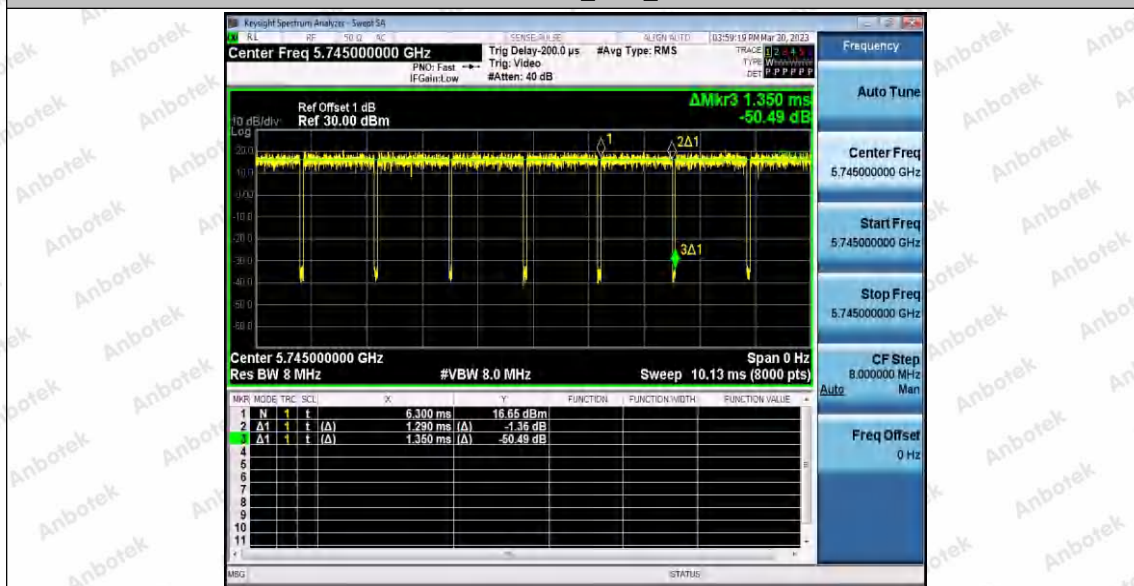




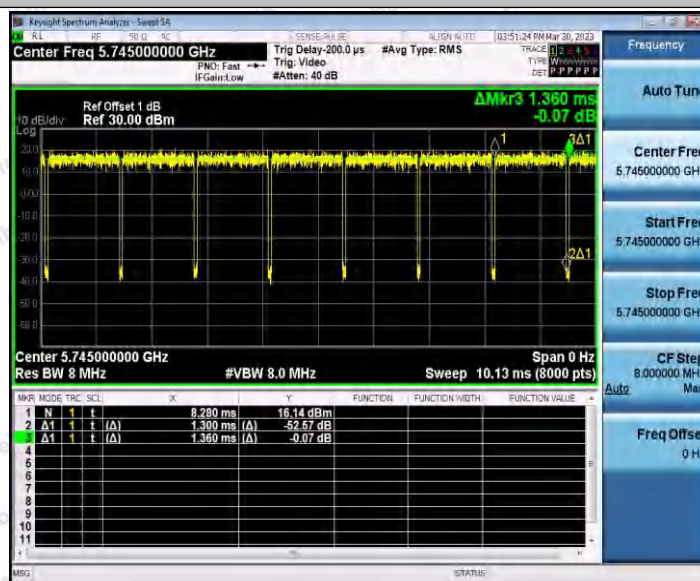
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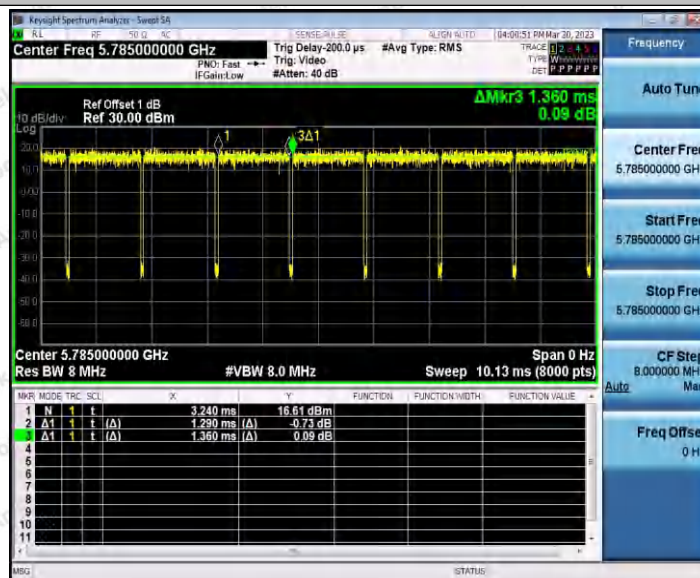
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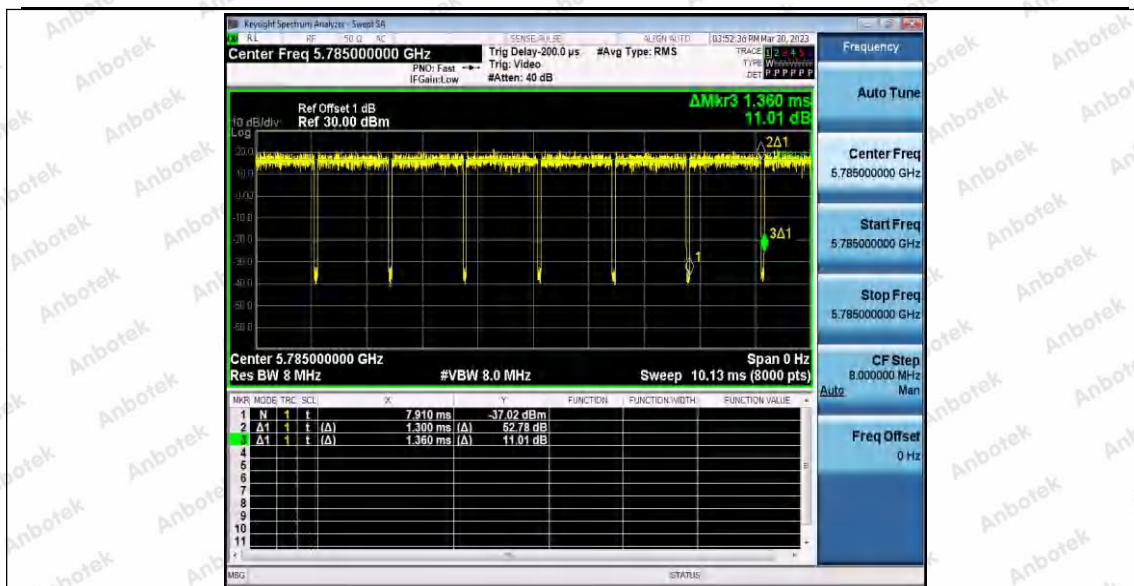


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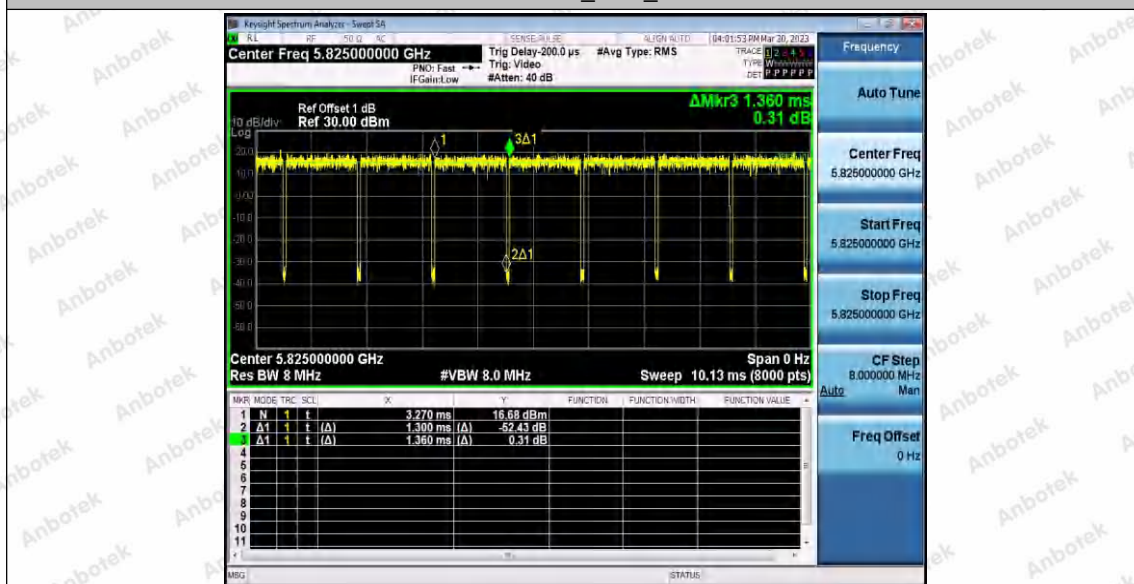


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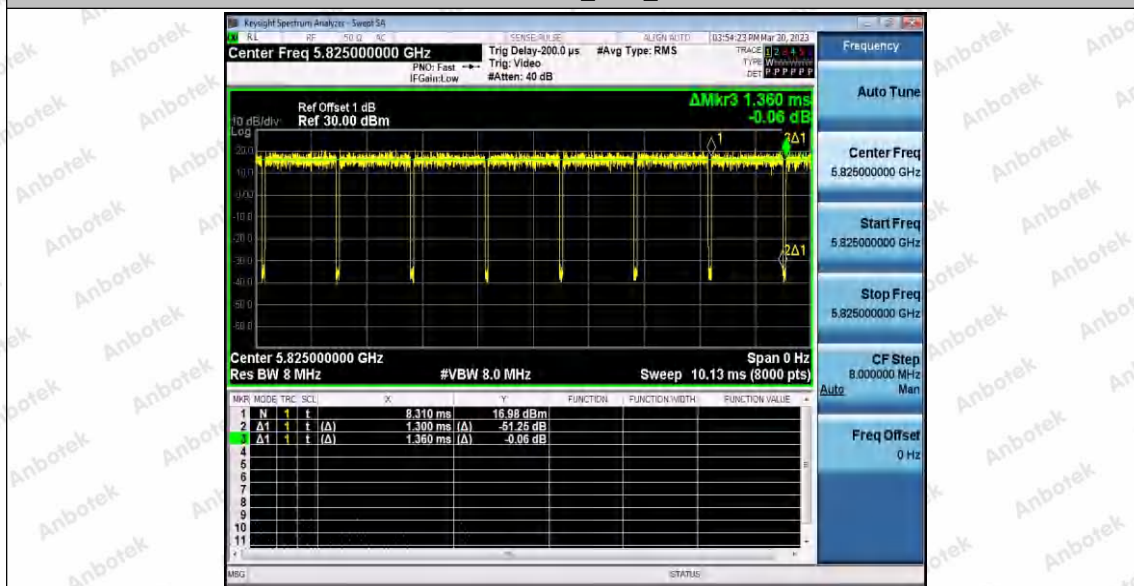




11AC20SISO_Ant1_5825



11AC20SISO_Ant2_5825



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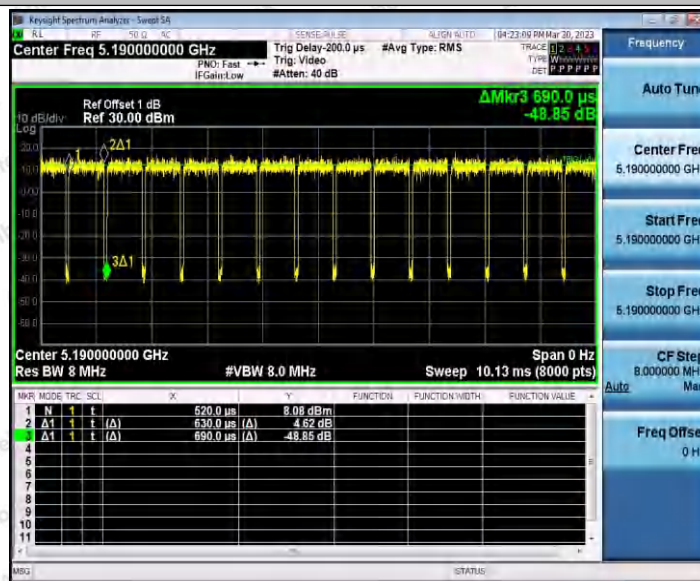
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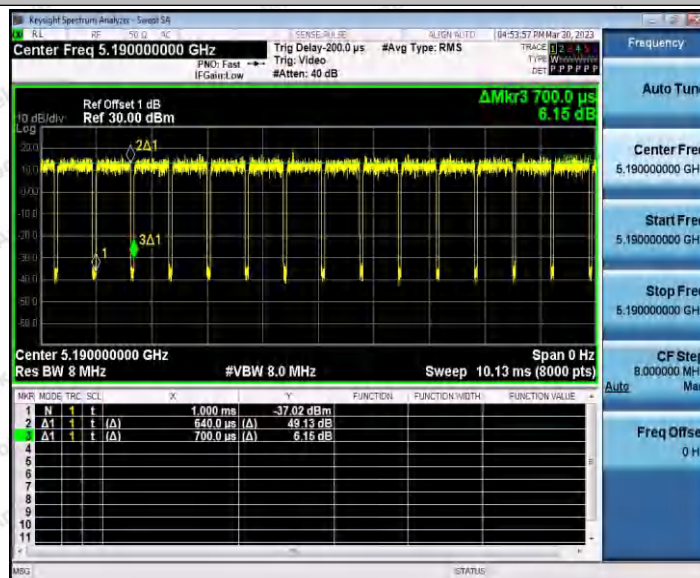
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11AC40SISO_Ant1_5190

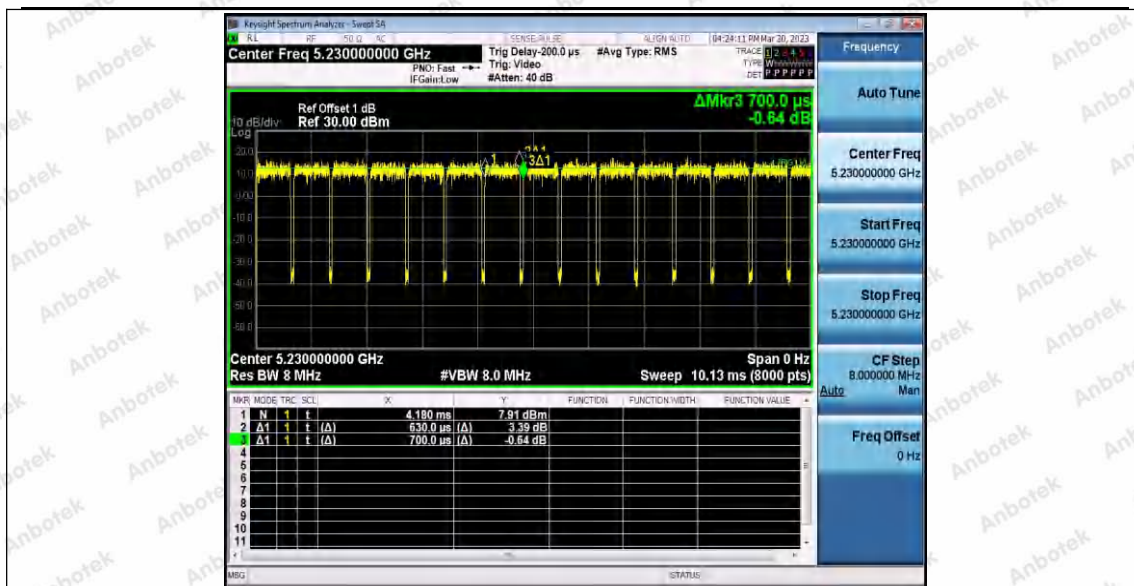


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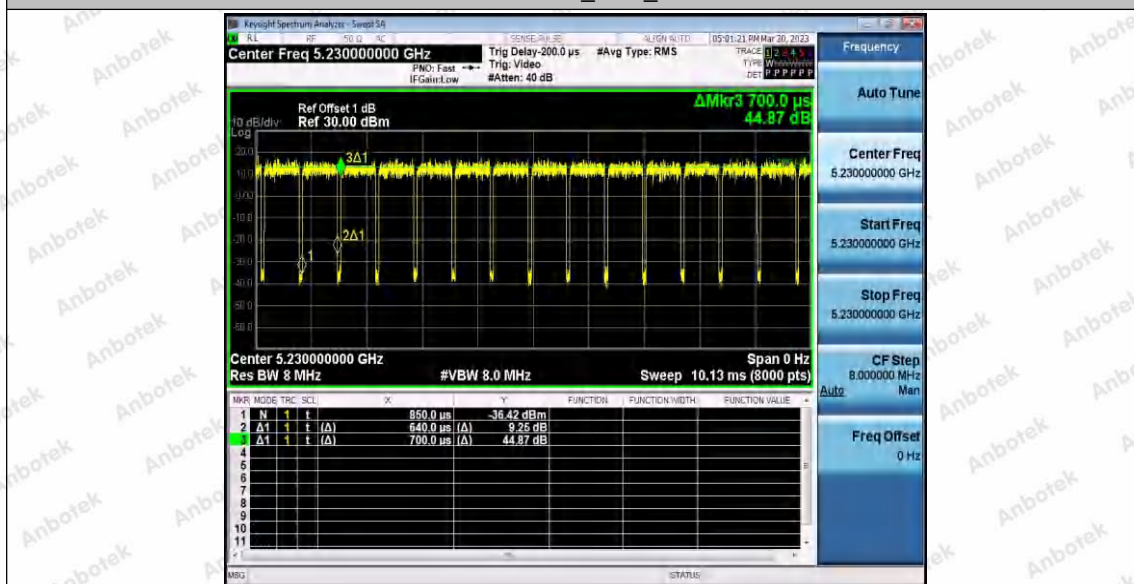


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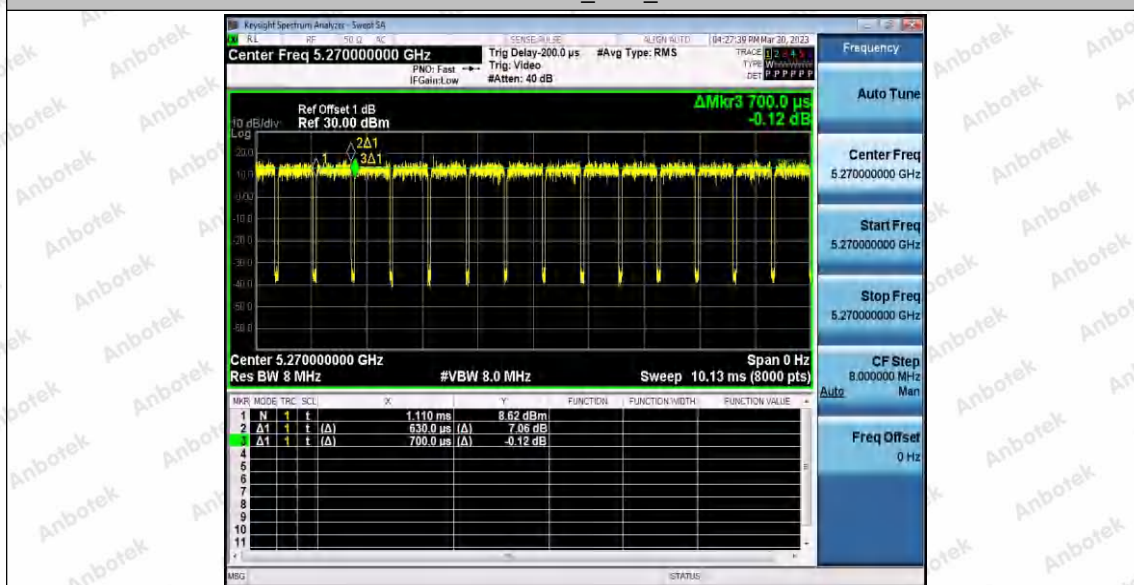




11AC40SISO_Ant2_5230



11AC40SISO_Ant1_5270



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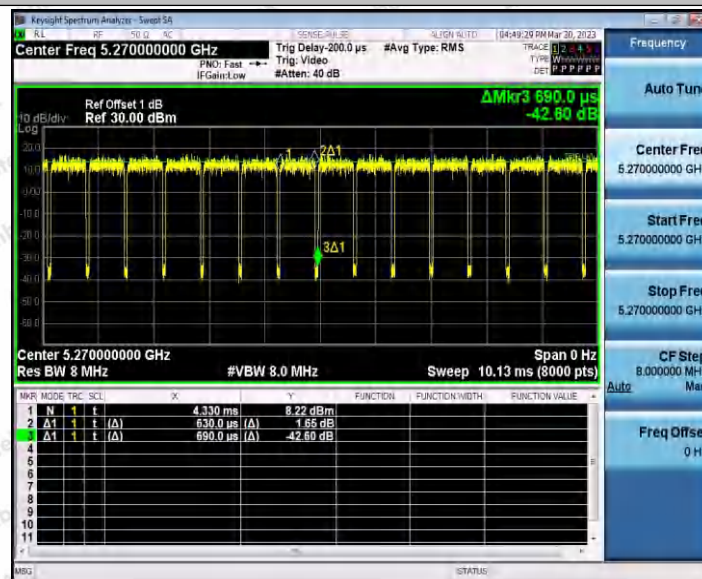
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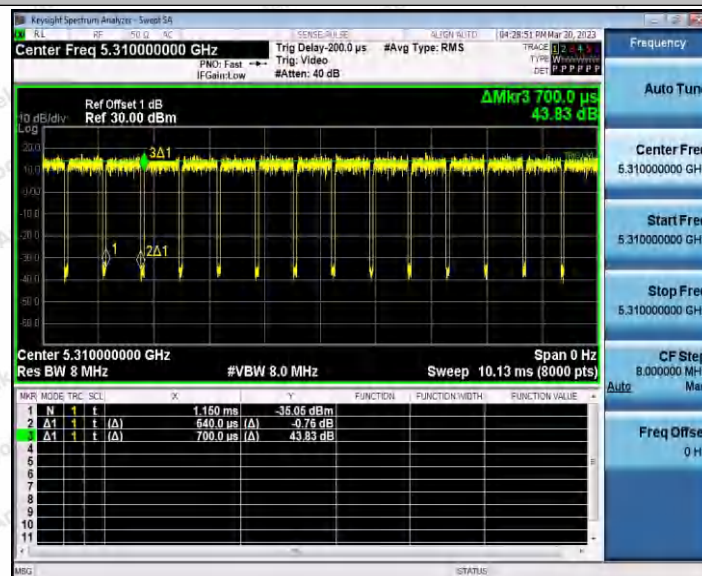
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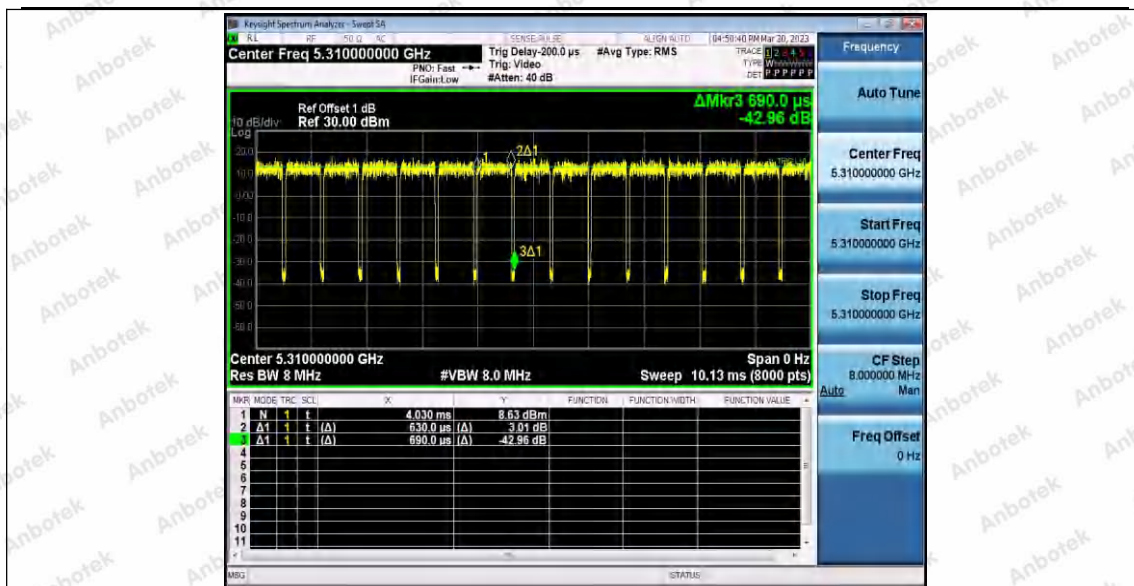


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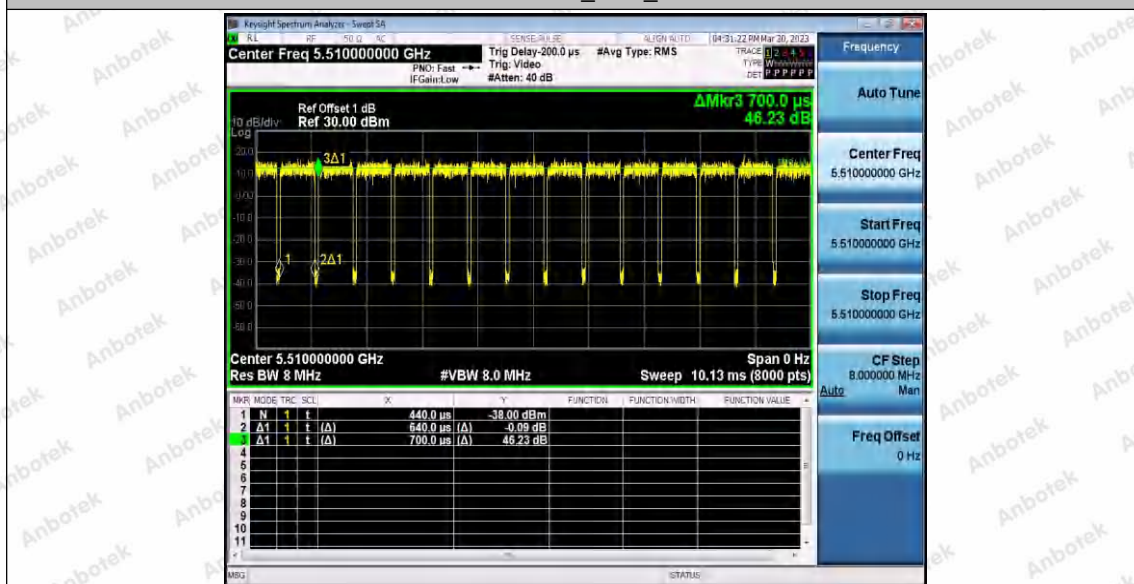


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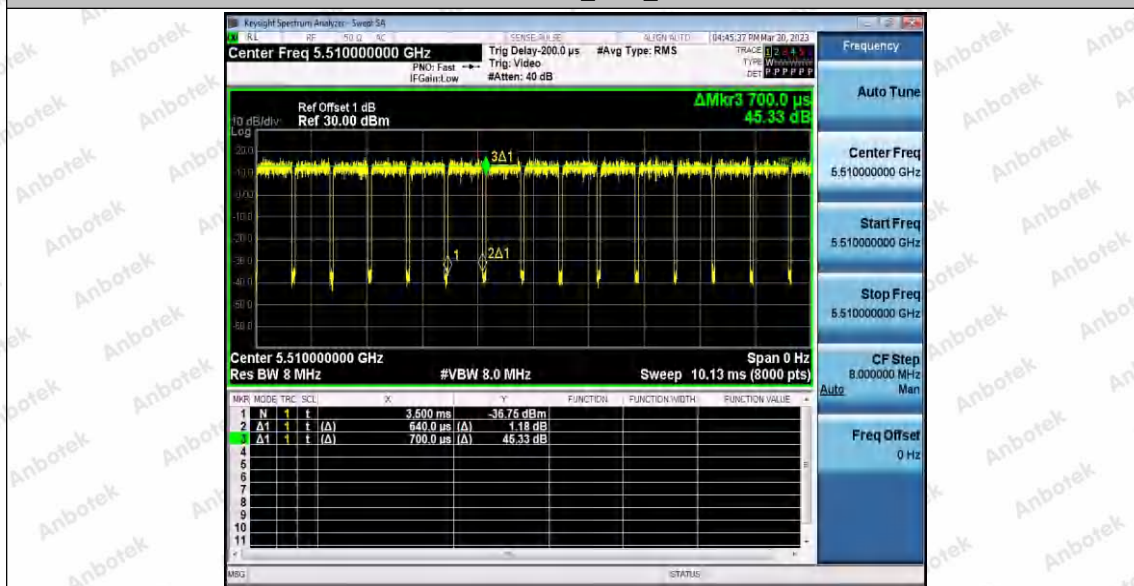




11AC40SISO_Ant1_5510



11AC40SISO_Ant2_5510



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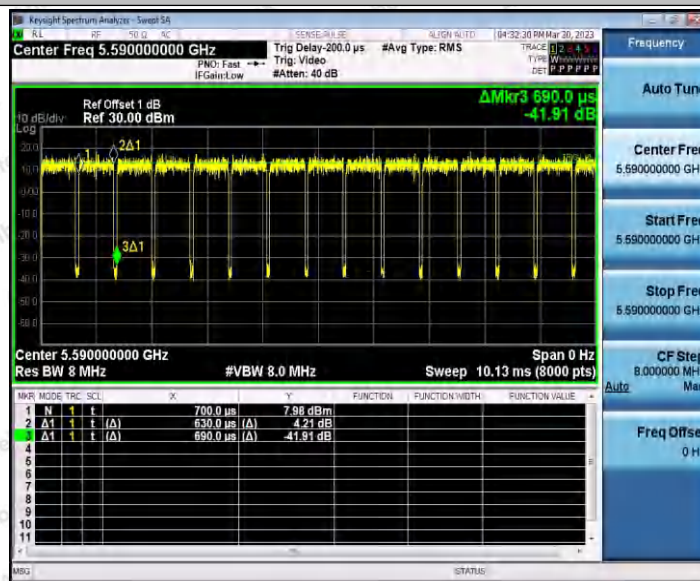
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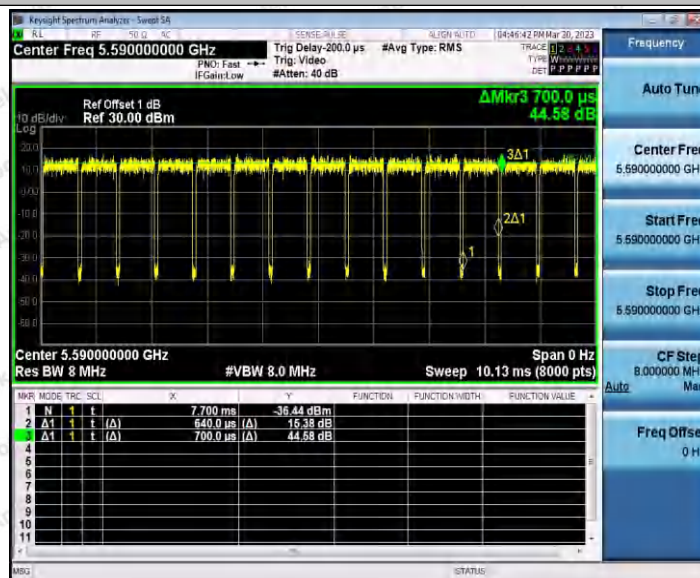
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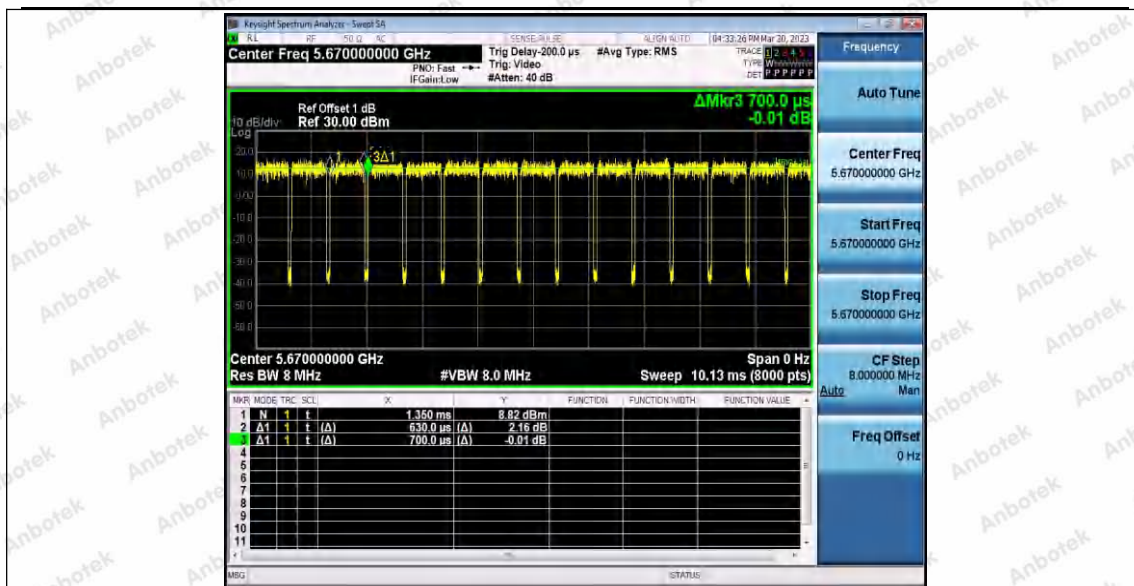


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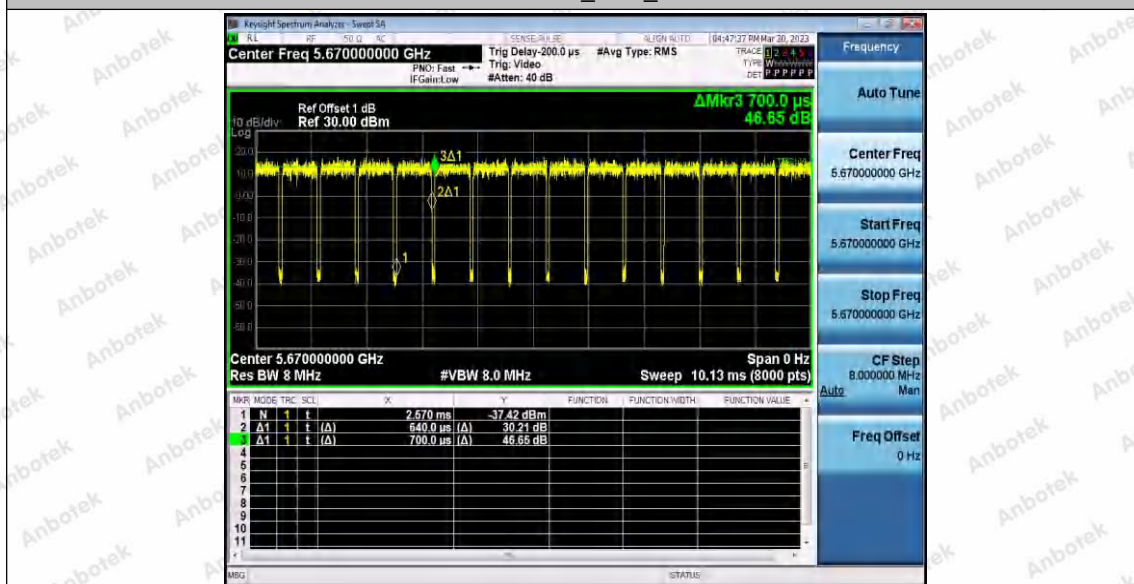


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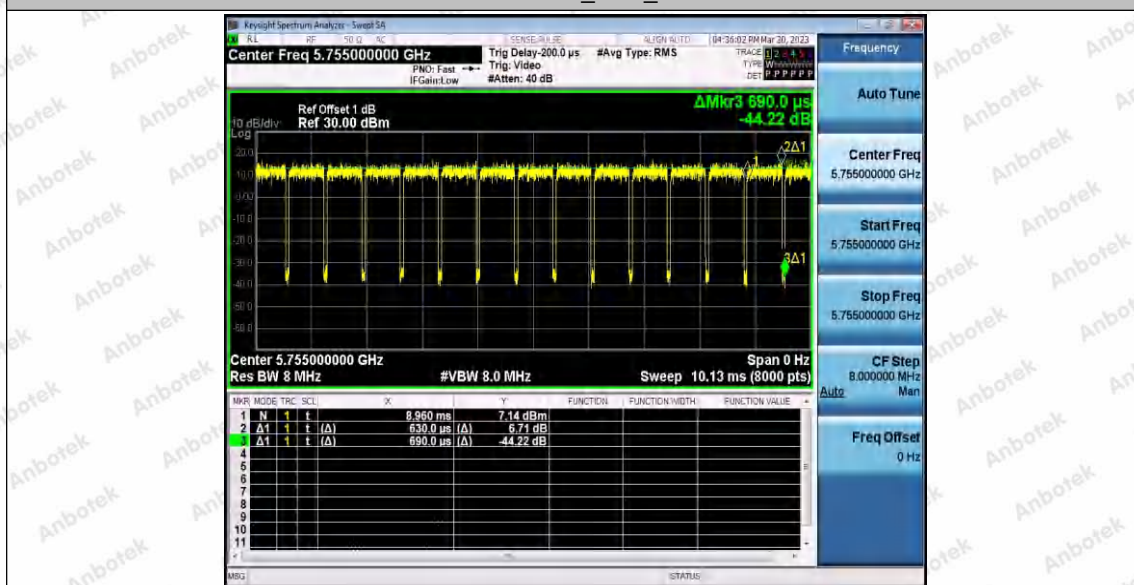




11AC40SISO_Ant2_5670



11AC40SISO_Ant1_5755



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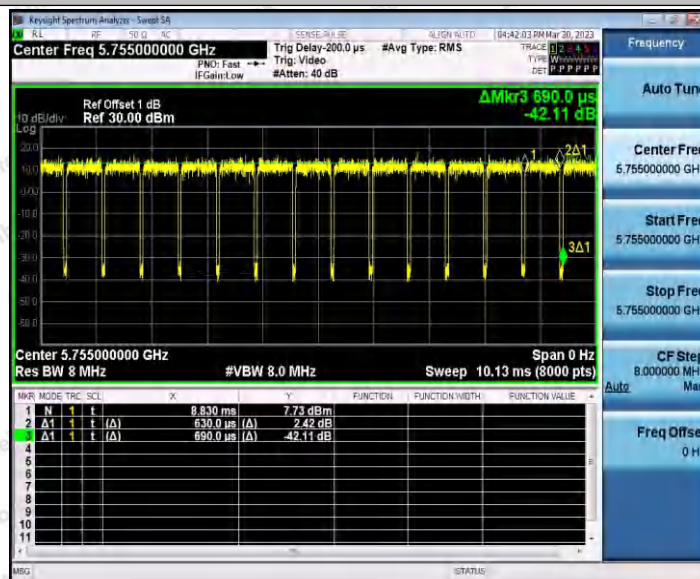
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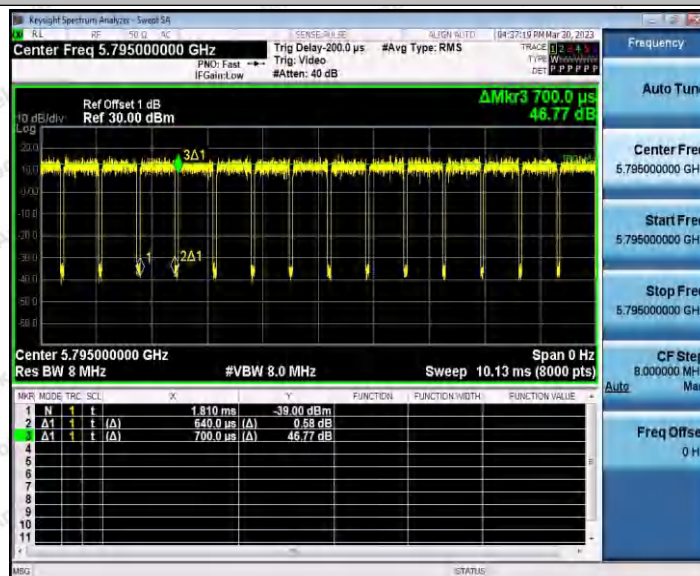
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11AC40SISO_Ant2_5755

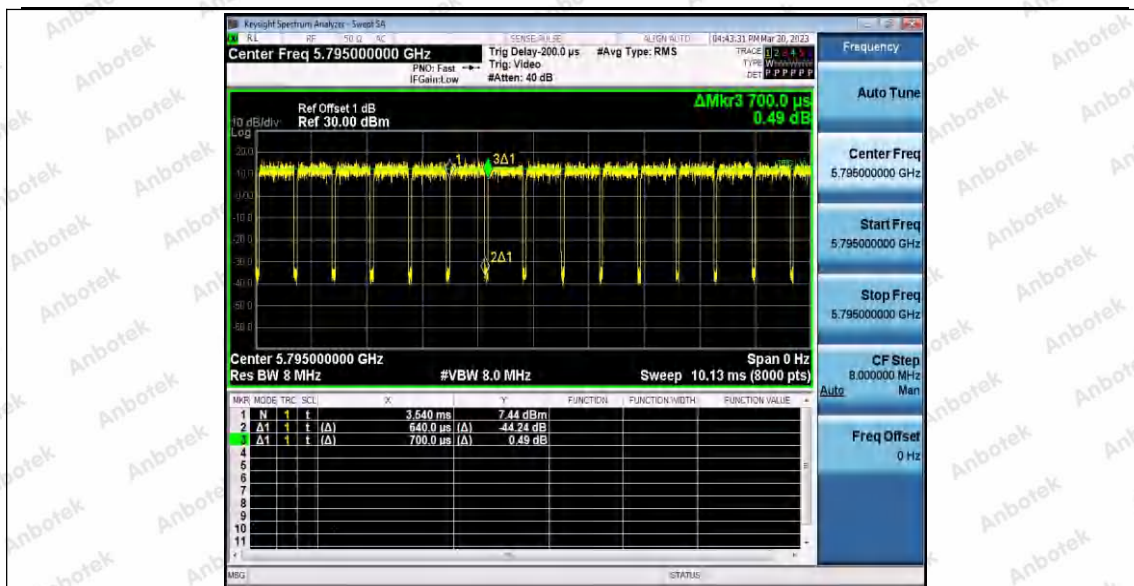


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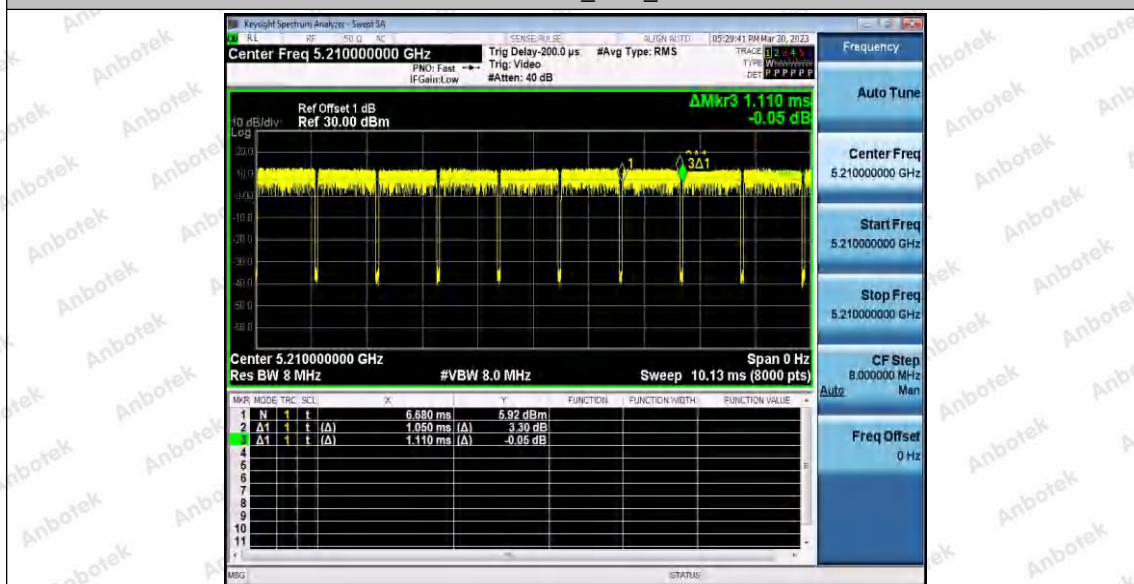


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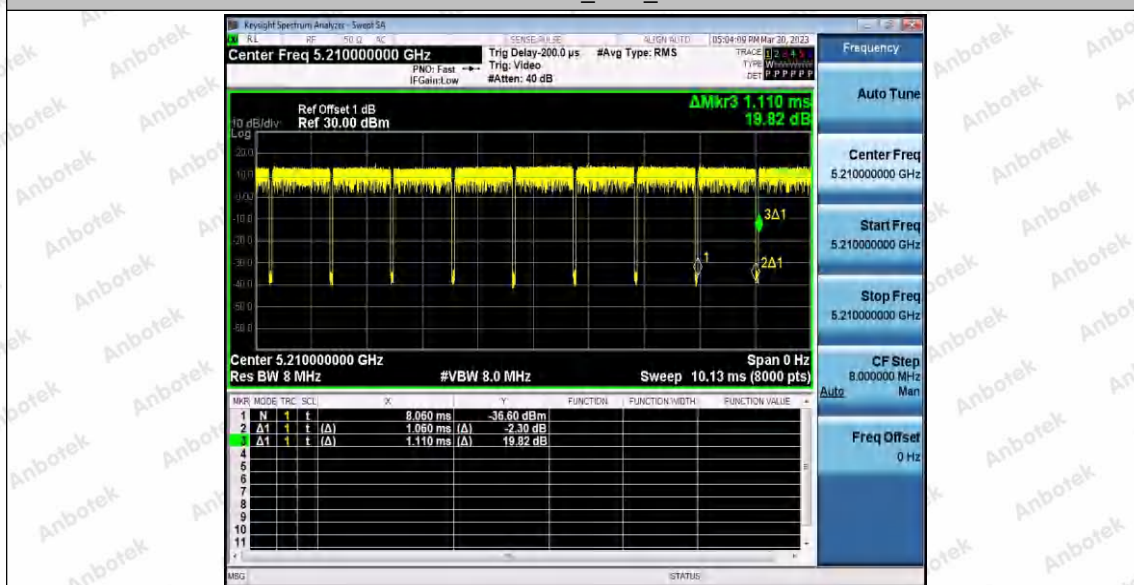




11AC80SISO_Ant1_5210



11AC80SISO_Ant2_5210



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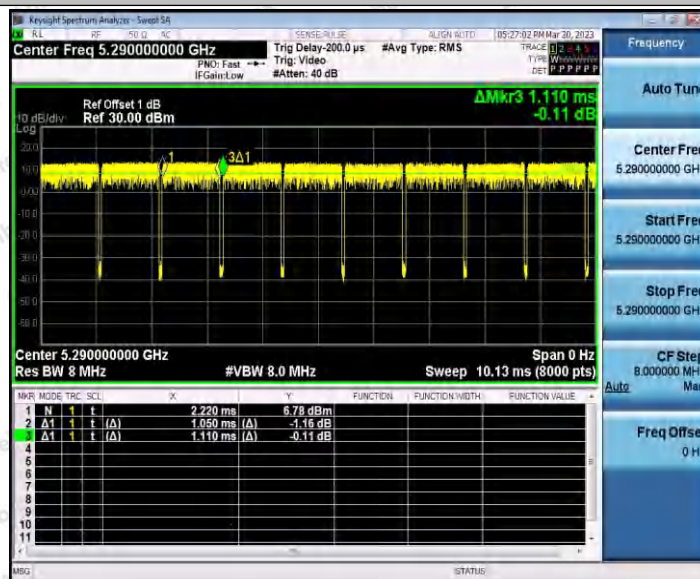
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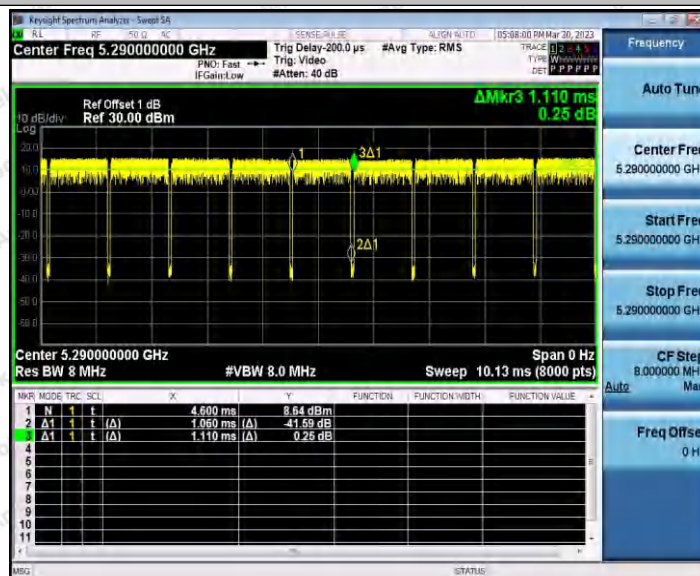
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11AC80SISO_Ant1_5290

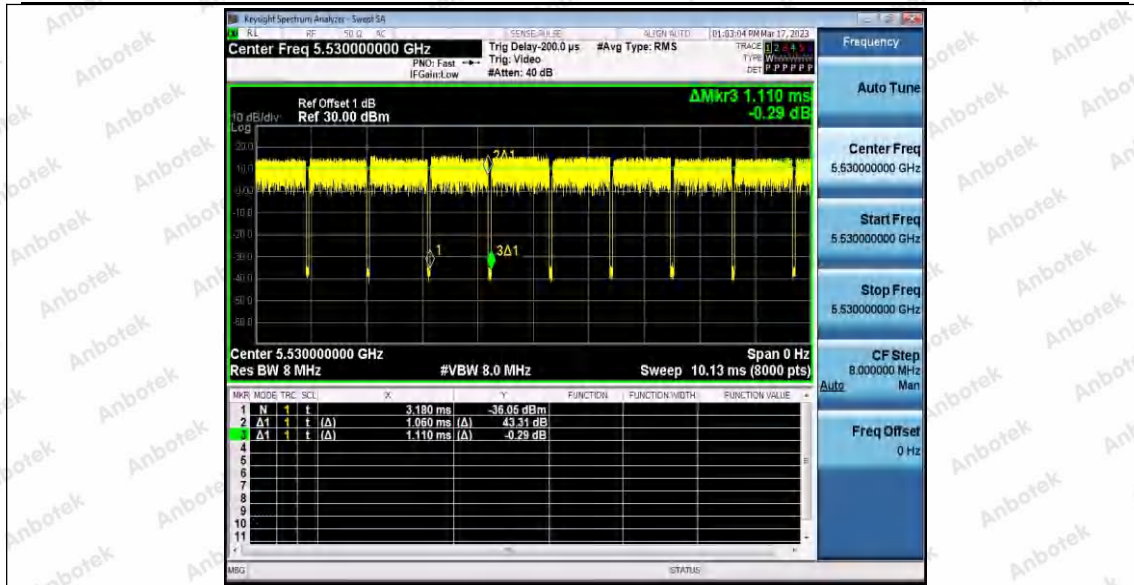


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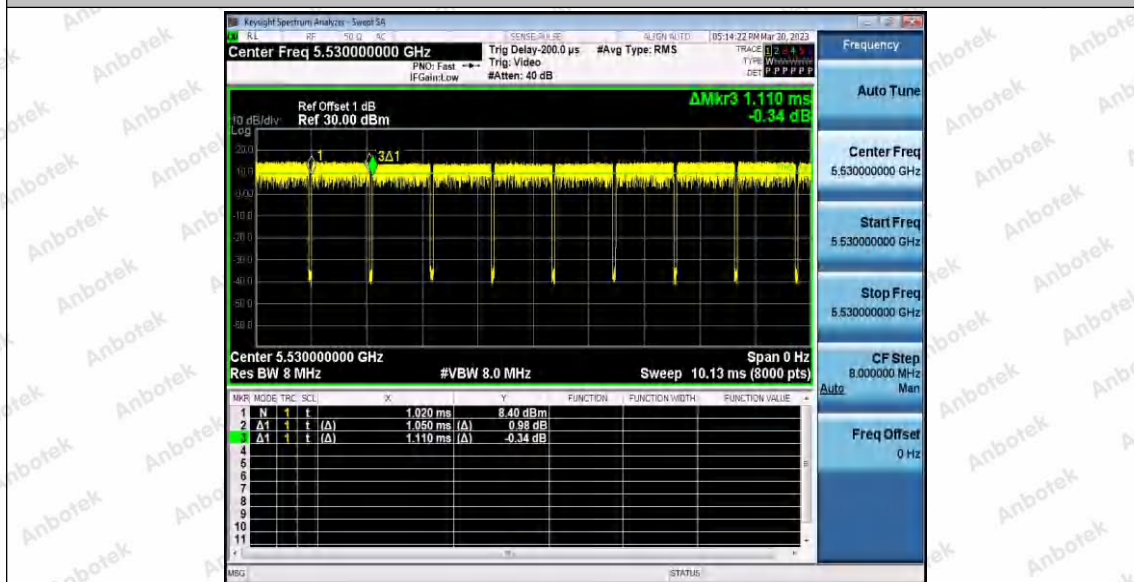


11AC80SISO_Ant1_5530

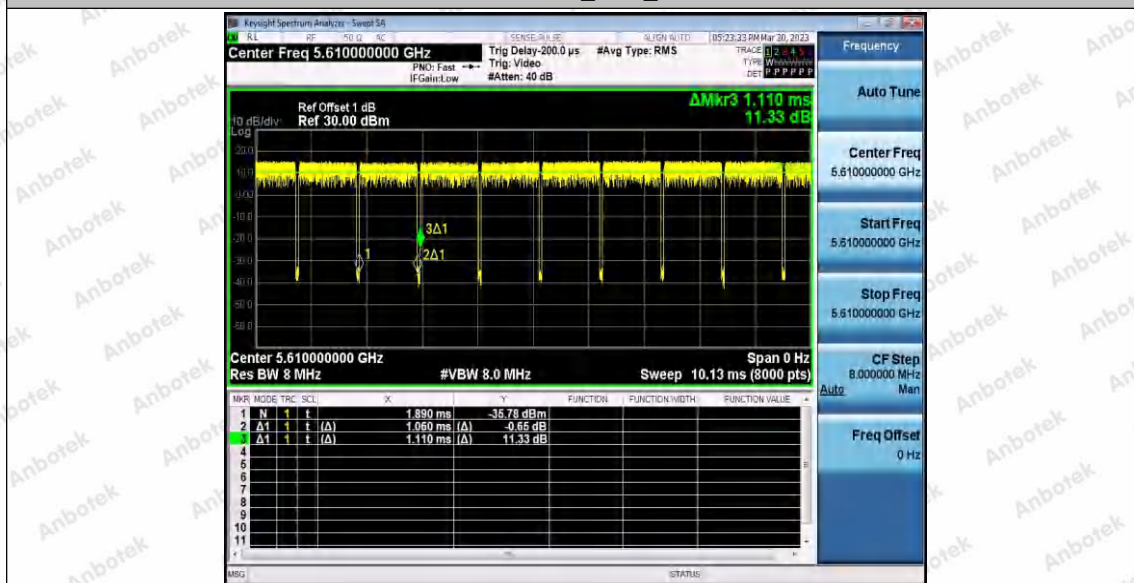




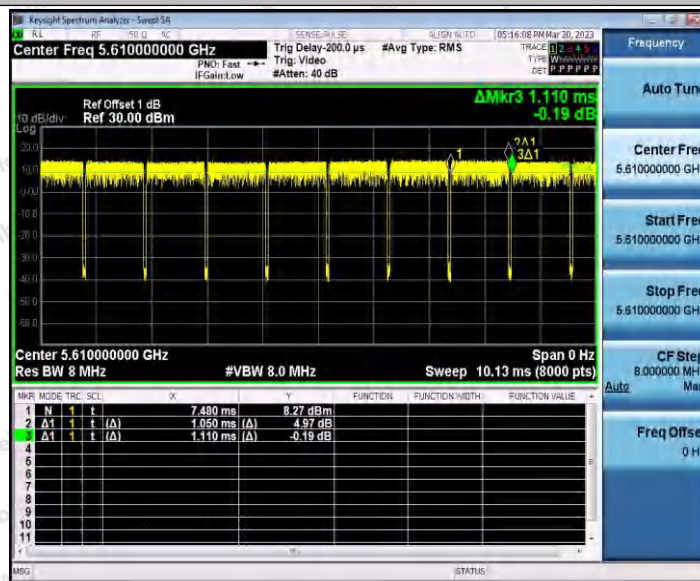
11AC80SISO_Ant2_5530



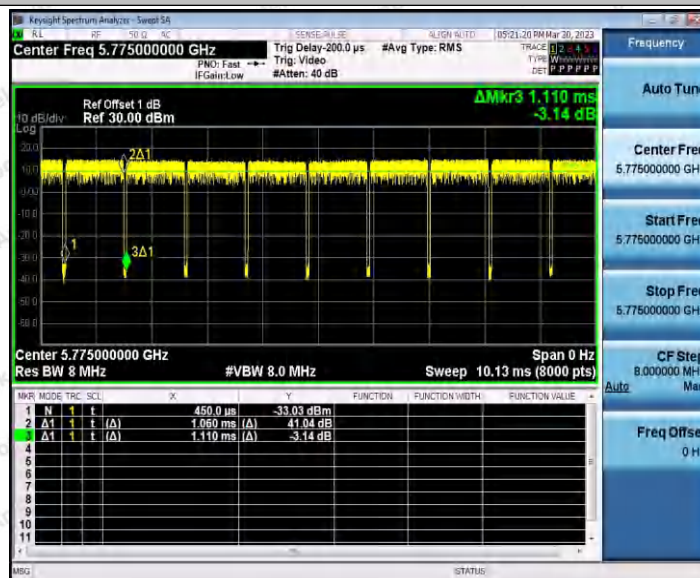
11AC80SISO_Ant1_5610



11AC80SISO_Ant2_5610

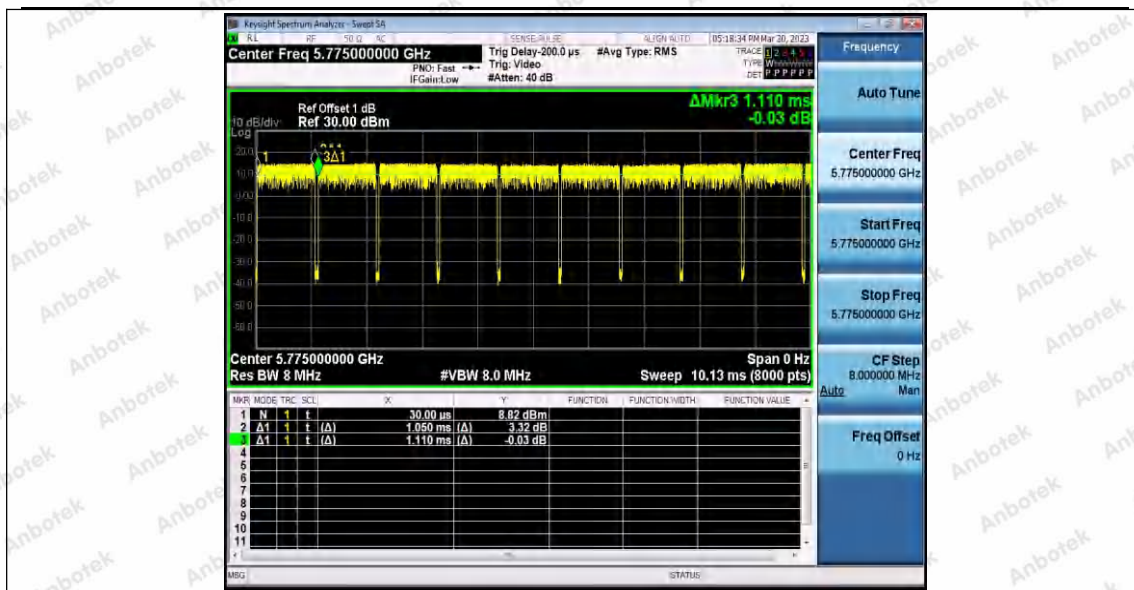


11AC80SISO_Ant1_5775



11AC80SISO_Ant2_5775





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Appendix C: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Frequency [MHz]	Set Power	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]
11A	Ant1	5180	---	15.30	95.89	0.18	15.48	≤23.98
	Ant2	5180	---	15.82	95.89	0.18	16.00	≤23.98
	Ant1	5200	---	15.06	95.89	0.18	15.24	≤23.98
	Ant2	5200	---	15.47	95.89	0.18	15.65	≤23.98
	Ant1	5240	---	14.80	95.86	0.18	14.98	≤23.98
	Ant2	5240	---	15.13	95.46	0.20	15.33	≤23.98
	Ant1	5260	---	10.23	95.86	0.18	10.41	≤23.98
	Ant2	5260	---	9.70	95.21	0.21	9.91	≤23.98
	Ant1	5300	---	9.89	95.86	0.18	10.07	≤23.98
	Ant2	5300	---	9.32	95.86	0.18	9.50	≤23.98
	Ant1	5320	---	10.07	95.89	0.18	10.25	≤23.98
	Ant2	5320	---	9.17	95.89	0.18	9.35	≤23.98
	Ant1	5500	---	14.24	95.89	0.18	14.42	≤23.98
	Ant2	5500	---	14.37	95.86	0.18	14.55	≤23.98
	Ant1	5600	---	14.60	95.21	0.21	14.81	≤23.98
	Ant2	5600	---	14.05	95.89	0.18	14.23	≤23.98
	Ant1	5700	---	14.68	95.89	0.18	14.86	≤23.98
	Ant2	5700	---	14.82	95.86	0.18	15.00	≤23.98
	Ant1	5745	---	18.67	95.89	0.18	18.85	≤30.00
	Ant2	5745	---	18.11	95.86	0.18	18.29	≤30.00
	Ant1	5785	---	18.74	95.89	0.18	18.92	≤30.00
	Ant2	5785	---	18.21	95.86	0.18	18.39	≤30.00
	Ant1	5825	---	18.31	95.89	0.18	18.49	≤30.00
	Ant2	5825	---	18.28	95.89	0.18	18.46	≤30.00
11N20 SISO	Ant1	5180	---	15.45	95.62	0.19	15.64	≤23.98
	Ant2	5180	---	15.62	95.62	0.19	15.81	≤23.98
	Ant1	5200	---	15.63	95.62	0.19	15.82	≤23.98
	Ant2	5200	---	15.44	95.62	0.19	15.63	≤23.98
	Ant1	5240	---	15.48	95.62	0.19	15.67	≤23.98
	Ant2	5240	---	15.10	94.97	0.22	15.32	≤23.98
	Ant1	5260	---	10.26	95.62	0.19	10.45	≤23.98
	Ant2	5260	---	10.34	95.62	0.19	10.53	≤23.98
	Ant1	5300	---	9.89	95.62	0.19	10.08	≤23.98
	Ant2	5300	---	10.05	94.89	0.23	10.28	≤23.98
	Ant1	5320	---	10.11	95.62	0.19	10.30	≤23.98



11N40 SISO	Ant2	5320	---	9.98	94.96	0.22	10.20	≤23.98
	Ant1	5500	---	14.89	95.62	0.19	15.08	≤23.98
	Ant2	5500	---	14.03	95.59	0.20	14.23	≤23.98
	Ant1	5600	---	15.04	95.62	0.19	15.23	≤23.98
	Ant2	5600	---	13.86	95.62	0.19	14.05	≤23.98
	Ant1	5700	---	15.62	95.62	0.19	15.81	≤23.98
	Ant2	5700	---	14.63	95.62	0.19	14.82	≤23.98
	Ant1	5745	---	19.21	95.62	0.19	19.40	≤30.00
	Ant2	5745	---	18.33	95.62	0.19	18.52	≤30.00
	Ant1	5785	---	19.21	95.62	0.19	19.40	≤30.00
	Ant2	5785	---	18.63	95.62	0.19	18.82	≤30.00
	Ant1	5825	---	18.97	95.62	0.19	19.16	≤30.00
	Ant2	5825	---	18.63	94.97	0.22	18.85	≤30.00
	Ant1	5190	---	18.03	91.55	0.38	18.41	≤23.98
	Ant2	5190	---	18.34	91.55	0.38	18.72	≤23.98
	Ant1	5230	---	18.05	91.55	0.38	18.43	≤23.98
	Ant2	5230	---	18.32	92.86	0.32	18.64	≤23.98
	Ant1	5270	---	12.82	91.55	0.38	13.20	≤23.98
	Ant2	5270	---	12.70	91.55	0.38	13.08	≤23.98
	Ant1	5310	---	13.08	91.43	0.39	13.47	≤23.98
	Ant2	5310	---	12.55	91.55	0.38	12.93	≤23.98
	Ant1	5510	---	18.39	91.55	0.38	18.77	≤23.98
	Ant2	5510	---	18.16	91.55	0.38	18.54	≤23.98
	Ant1	5590	---	18.45	91.55	0.38	18.83	≤23.98
	Ant2	5590	---	16.92	91.55	0.38	17.30	≤23.98
11AC2 OSISO	Ant1	5670	---	18.70	91.55	0.38	19.08	≤23.98
	Ant2	5670	---	17.44	91.55	0.38	17.82	≤23.98
	Ant1	5755	---	19.80	91.55	0.38	20.18	≤30.00
	Ant2	5755	---	19.57	91.55	0.38	19.95	≤30.00
	Ant1	5795	---	19.63	91.55	0.38	20.01	≤30.00
	Ant2	5795	---	19.37	91.55	0.38	19.75	≤30.00
	Ant1	5180	---	14.90	95.59	0.20	15.10	≤23.98
	Ant2	5180	---	15.39	95.59	0.20	15.59	≤23.98
	Ant1	5200	---	14.64	95.56	0.20	14.84	≤23.98
	Ant2	5200	---	15.37	95.59	0.20	15.57	≤23.98
	Ant1	5240	---	14.60	95.59	0.20	14.80	≤23.98
	Ant2	5240	---	14.86	95.56	0.20	15.06	≤23.98
	Ant1	5260	---	9.81	94.85	0.23	10.04	≤23.98
	Ant2	5260	---	10.01	95.59	0.20	10.21	≤23.98
	Ant1	5300	---	9.62	95.59	0.20	9.82	≤23.98
	Ant2	5300	---	9.48	95.59	0.20	9.68	≤23.98
	Ant1	5320	---	9.83	95.59	0.20	10.03	≤23.98

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	Ant2	5320	---	9.45	95.59	0.20	9.65	≤23.98
	Ant1	5500	---	15.16	95.56	0.20	15.36	≤23.98
	Ant2	5500	---	15.18	95.59	0.20	15.38	≤23.98
	Ant1	5600	---	15.07	95.59	0.20	15.27	≤23.98
	Ant2	5600	---	14.92	95.59	0.20	15.12	≤23.98
	Ant1	5700	---	15.25	95.59	0.20	15.45	≤23.98
	Ant2	5700	---	15.65	95.59	0.20	15.85	≤23.98
	Ant1	5745	---	18.85	95.56	0.20	19.05	≤30.00
	Ant2	5745	---	18.85	95.59	0.20	19.05	≤30.00
	Ant1	5785	---	18.93	94.85	0.23	19.16	≤30.00
	Ant2	5785	---	19.08	95.59	0.20	19.28	≤30.00
	Ant1	5825	---	18.77	95.59	0.20	18.97	≤30.00
	Ant2	5825	---	19.07	95.59	0.20	19.27	≤30.00
11AC4 OSISO	Ant1	5190	---	19.58	91.30	0.40	19.98	≤23.98
	Ant2	5190	---	19.54	91.43	0.39	19.93	≤23.98
	Ant1	5230	---	17.59	90.00	0.46	18.05	≤23.98
	Ant2	5230	---	17.70	91.43	0.39	18.09	≤23.98
	Ant1	5270	---	15.23	90.00	0.46	15.69	≤23.98
	Ant2	5270	---	15.26	91.30	0.40	15.66	≤23.98
	Ant1	5310	---	12.76	91.43	0.39	13.15	≤23.98
	Ant2	5310	---	12.48	91.30	0.40	12.88	≤23.98
	Ant1	5510	---	18.79	91.43	0.39	19.18	≤23.98
	Ant2	5510	---	18.72	91.43	0.39	19.11	≤23.98
	Ant1	5590	---	18.22	91.30	0.40	18.62	≤23.98
	Ant2	5590	---	17.82	91.43	0.39	18.21	≤23.98
	Ant1	5670	---	18.38	90.00	0.46	18.84	≤23.98
	Ant2	5670	---	18.28	91.43	0.39	18.67	≤23.98
	Ant1	5755	---	18.76	91.30	0.40	19.16	≤30.00
	Ant2	5755	---	18.88	91.30	0.40	19.28	≤30.00
	Ant1	5795	---	17.50	91.43	0.39	17.89	≤30.00
	Ant2	5795	---	17.69	91.43	0.39	18.08	≤30.00
11AC8 OSISO	Ant1	5210	---	17.48	94.59	0.24	17.72	≤23.98
	Ant2	5210	---	18.97	95.50	0.20	19.17	≤23.98
	Ant1	5290	---	13.68	94.59	0.24	13.92	≤23.98
	Ant2	5290	---	15.83	95.50	0.20	16.03	≤23.98
	Ant1	5530	---	18.10	95.50	0.20	18.30	≤23.98
	Ant2	5530	---	19.74	94.59	0.24	19.98	≤23.98
	Ant1	5610	---	19.93	95.50	0.20	20.13	≤23.98
	Ant2	5610	---	19.68	94.59	0.24	19.92	≤23.98
	Ant1	5775	---	19.14	95.50	0.20	19.34	≤30.00
	Ant2	5775	---	19.37	94.59	0.24	19.61	≤30.00

Note: The Duty Cycle Factor is compensated in the graph.

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MIMO

Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Total [dBm]	Limit [dBm]	Verdict
11N20SISO	Ant1	5180	15.64	18.74	≤ 23.38	PASS
	Ant2	5180	15.81			
	Ant1	5200	15.82	18.74	≤ 23.38	PASS
	Ant2	5200	15.63			
	Ant1	5240	15.67	18.51	≤ 23.38	PASS
	Ant2	5240	15.32			
	Ant1	5260	10.45	13.50	≤ 23.73	PASS
	Ant2	5260	10.53			
	Ant1	5300	10.08	13.19	≤ 23.73	PASS
	Ant2	5300	10.28			
	Ant1	5320	10.30	13.26	≤ 23.73	PASS
	Ant2	5320	10.20			
	Ant1	5500	15.08	17.69	≤ 23.39	PASS
	Ant2	5500	14.23			
	Ant1	5600	15.23	17.69	≤ 23.39	PASS
	Ant2	5600	14.05			
	Ant1	5700	15.81	18.35	≤ 23.39	PASS
	Ant2	5700	14.82			
	Ant1	5745	19.40	21.99	≤ 29.13	PASS
	Ant2	5745	18.52			
	Ant1	5785	19.40	22.13	≤ 29.13	PASS
	Ant2	5785	18.82			
	Ant1	5825	19.16	22.02	≤ 29.13	PASS
	Ant2	5825	18.85			
11N40SISO	Ant1	5190	18.41	21.58	≤ 23.38	PASS
	Ant2	5190	18.72			
	Ant1	5230	18.43	21.55	≤ 23.38	PASS
	Ant2	5230	18.64			
	Ant1	5270	13.20	16.15	≤ 23.73	PASS
	Ant2	5270	13.08			
	Ant1	5310	13.47	16.22	≤ 23.73	PASS
	Ant2	5310	12.93			
	Ant1	5510	18.77	21.67	≤ 23.39	PASS
	Ant2	5510	18.54			
	Ant1	5590	18.83	21.14	≤ 23.39	PASS
	Ant2	5590	17.30			
	Ant1	5670	19.08	21.51	≤ 23.39	PASS
	Ant2	5670	17.82			



	Ant1	5755	20.18	23.08	≤ 29.13	PASS
	Ant2	5755	19.95			
	Ant1	5795	20.01	22.89	≤ 29.13	PASS
	Ant2	5795	19.75			
11AC20SISO	Ant1	5180	15.10	18.36	≤ 23.38	PASS
	Ant2	5180	15.59			
	Ant1	5200	14.84	18.23	≤ 23.38	PASS
	Ant2	5200	15.57			
	Ant1	5240	14.80	17.94	≤ 23.38	PASS
	Ant2	5240	15.06			
	Ant1	5260	10.04	13.14	≤ 23.73	PASS
	Ant2	5260	10.21			
	Ant1	5300	9.82	12.76	≤ 23.73	PASS
	Ant2	5300	9.68			
	Ant1	5320	10.03	12.85	≤ 23.73	PASS
	Ant2	5320	9.65			
	Ant1	5500	15.36	18.38	≤ 23.39	PASS
	Ant2	5500	15.38			
	Ant1	5600	15.27	18.21	≤ 23.39	PASS
	Ant2	5600	15.12			
	Ant1	5700	15.45	18.66	≤ 23.39	PASS
	Ant2	5700	15.85			
	Ant1	5745	19.05	22.06	≤ 29.13	PASS
	Ant2	5745	19.05			
	Ant1	5785	19.16	22.23	≤ 29.13	PASS
	Ant2	5785	19.28			
	Ant1	5825	18.97	22.13	≤ 29.13	PASS
	Ant2	5825	19.27			
11AC40SISO	Ant1	5190	19.98	22.97	≤ 23.38	PASS
	Ant2	5190	19.93			
	Ant1	5230	18.05	21.08	≤ 23.38	PASS
	Ant2	5230	18.09			
	Ant1	5270	15.69	18.69	≤ 23.73	PASS
	Ant2	5270	15.66			
	Ant1	5310	13.15	16.03	≤ 23.73	PASS
	Ant2	5310	12.88			
	Ant1	5510	19.18	22.16	≤ 23.39	PASS
	Ant2	5510	19.11			
	Ant1	5590	18.62	21.43	≤ 23.39	PASS
	Ant2	5590	18.21			
	Ant1	5670	18.84	21.77	≤ 23.39	PASS
	Ant2	5670	18.67			



	Ant1	5755	19.16	22.23	≤ 29.13	PASS
	Ant2	5755	19.28			
	Ant1	5795	17.89	21.00	≤ 29.13	PASS
	Ant2	5795	18.08			
11AC80SISO	Ant1	5210	17.72	21.52	≤ 23.38	PASS
	Ant2	5210	19.17			
	Ant1	5290	13.92	18.11	≤ 23.73	PASS
	Ant2	5290	16.03			
	Ant1	5530	18.30	22.23	≤ 23.39	PASS
	Ant2	5530	19.98			
	Ant1	5610	20.13	23.04	≤ 23.39	PASS
	Ant2	5610	19.92			
	Ant1	5775	19.34	22.49	≤ 29.13	PASS
	Ant2	5775	19.61			

Note:

1. Total (dBm) = $10 \times \log(10^{(\text{ANT1 power(dBm)}/10)} + 10^{(\text{ANT2 power(dBm)}/10)} + 10^{(\text{ANT3 power(dBm)}/10)})$
2. As Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + 10^{G3/20})^2 / N_{\text{ANT}}]$ dBi,
so MIMO Limit(dBm) = Limit_{B1/B4} - (Directional gain - 6.00).



Appendix D: Maximum power spectral density

Test Result B1/2/3

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	7.44	≤11.00	PASS
	Ant2	5180	7.64	≤11.00	PASS
	Ant1	5200	7.64	≤11.00	PASS
	Ant2	5200	7.46	≤11.00	PASS
	Ant1	5240	7.06	≤11.00	PASS
	Ant2	5240	7.45	≤11.00	PASS
	Ant1	5260	7.41	≤11.00	PASS
	Ant2	5260	7.13	≤11.00	PASS
	Ant1	5300	7.21	≤11.00	PASS
	Ant2	5300	6.56	≤11.00	PASS
	Ant1	5320	7.48	≤11.00	PASS
	Ant2	5320	6.50	≤11.00	PASS
	Ant1	5500	6.98	≤11.00	PASS
	Ant2	5500	6.34	≤11.00	PASS
	Ant1	5600	6.94	≤11.00	PASS
	Ant2	5600	6.31	≤11.00	PASS
	Ant1	5700	7.04	≤11.00	PASS
	Ant2	5700	7.16	≤11.00	PASS
11N20SISO	Ant1	5180	6.47	≤11.00	PASS
	Ant2	5180	6.95	≤11.00	PASS
	Ant1	5200	6.37	≤11.00	PASS
	Ant2	5200	6.44	≤11.00	PASS
	Ant1	5240	6.39	≤11.00	PASS
	Ant2	5240	6.64	≤11.00	PASS
	Ant1	5260	6.40	≤11.00	PASS
	Ant2	5260	6.43	≤11.00	PASS
	Ant1	5300	6.79	≤11.00	PASS
	Ant2	5300	6.56	≤11.00	PASS
	Ant1	5320	6.62	≤11.00	PASS
	Ant2	5320	6.53	≤11.00	PASS
	Ant1	5500	6.34	≤11.00	PASS
	Ant2	5500	5.43	≤11.00	PASS
	Ant1	5600	6.58	≤11.00	PASS
	Ant2	5600	6.23	≤11.00	PASS
	Ant1	5700	6.63	≤11.00	PASS
	Ant2	5700	6.77	≤11.00	PASS
11N40SISO	Ant1	5190	6.38	≤11.00	PASS



	Ant2	5190	6.66	≤11.00	PASS
	Ant1	5230	6.12	≤11.00	PASS
	Ant2	5230	6.81	≤11.00	PASS
	Ant1	5270	6.44	≤11.00	PASS
	Ant2	5270	6.24	≤11.00	PASS
	Ant1	5310	6.98	≤11.00	PASS
	Ant2	5310	6.48	≤11.00	PASS
	Ant1	5510	6.47	≤11.00	PASS
	Ant2	5510	6.71	≤11.00	PASS
	Ant1	5590	6.55	≤11.00	PASS
	Ant2	5590	6.72	≤11.00	PASS
	Ant1	5670	6.71	≤11.00	PASS
	Ant2	5670	6.92	≤11.00	PASS
11AC20SISO	Ant1	5180	6.14	≤11.00	PASS
	Ant2	5180	6.19	≤11.00	PASS
	Ant1	5200	6.41	≤11.00	PASS
	Ant2	5200	6.39	≤11.00	PASS
	Ant1	5240	6.35	≤11.00	PASS
	Ant2	5240	6.31	≤11.00	PASS
	Ant1	5260	6.50	≤11.00	PASS
	Ant2	5260	6.54	≤11.00	PASS
	Ant1	5300	6.76	≤11.00	PASS
	Ant2	5300	6.48	≤11.00	PASS
	Ant1	5320	6.80	≤11.00	PASS
	Ant2	5320	6.21	≤11.00	PASS
	Ant1	5500	6.48	≤11.00	PASS
	Ant2	5500	6.17	≤11.00	PASS
	Ant1	5600	6.52	≤11.00	PASS
	Ant2	5600	6.13	≤11.00	PASS
	Ant1	5700	6.19	≤11.00	PASS
	Ant2	5700	6.93	≤11.00	PASS
11AC40SISO	Ant1	5190	6.33	≤11.00	PASS
	Ant2	5190	6.34	≤11.00	PASS
	Ant1	5230	6.55	≤11.00	PASS
	Ant2	5230	6.07	≤11.00	PASS
	Ant1	5270	6.40	≤11.00	PASS
	Ant2	5270	6.41	≤11.00	PASS
	Ant1	5310	6.22	≤11.00	PASS
	Ant2	5310	6.38	≤11.00	PASS
	Ant1	5510	6.41	≤11.00	PASS
	Ant2	5510	6.78	≤11.00	PASS
	Ant1	5590	6.61	≤11.00	PASS



11AC80SISO	Ant2	5590	6.54	≤11.00	PASS
	Ant1	5670	6.52	≤11.00	PASS
	Ant2	5670	6.90	≤11.00	PASS
	Ant1	5210	3.53	≤11.00	PASS
	Ant2	5210	5.26	≤11.00	PASS
	Ant1	5290	4.66	≤11.00	PASS
	Ant2	5290	6.82	≤11.00	PASS
	Ant1	5530	4.82	≤11.00	PASS
	Ant2	5530	6.02	≤11.00	PASS
	Ant1	5610	6.98	≤11.00	PASS
	Ant2	5610	5.91	≤11.00	PASS

Note: 1.The Duty Cycle Factor and RBW Factor is compensated in the graph.

MIMO:

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Total [dBm/MHz]	Limit[dBm/MHz]	Verdict
11N20SISO	Ant1	5180	6.47	9.73	≤10.40	PASS
	Ant2	5180	6.95			
	Ant1	5200	6.37	9.42	≤10.40	PASS
	Ant2	5200	6.44			
	Ant1	5240	6.39	9.53	≤10.40	PASS
	Ant2	5240	6.64			
	Ant1	5260	6.40	9.43	≤10.75	PASS
	Ant2	5260	6.43			
	Ant1	5300	6.79	9.69	≤10.75	PASS
	Ant2	5300	6.56			
	Ant1	5320	6.62	9.59	≤10.75	PASS
	Ant2	5320	6.53			
	Ant1	5500	6.34	8.92	≤10.41	PASS
	Ant2	5500	5.43			
	Ant1	5600	6.58	9.42	≤10.41	PASS
	Ant2	5600	6.23			
	Ant1	5700	6.63	9.71	≤10.41	PASS
	Ant2	5700	6.77			
11N40SISO	Ant1	5190	6.38	9.53	≤10.40	PASS
	Ant2	5190	6.66			
	Ant1	5230	6.12	9.49	≤10.40	PASS
	Ant2	5230	6.81			
	Ant1	5270	6.44	9.35	≤10.75	PASS
	Ant2	5270	6.24			
	Ant1	5310	6.98	9.75	≤10.75	PASS



	Ant2	5310	6.48	9.60	≤10.41	PASS
	Ant1	5510	6.47			
	Ant2	5510	6.71	9.65	≤10.41	PASS
	Ant1	5590	6.55			
	Ant2	5590	6.72	9.83	≤10.41	PASS
	Ant1	5670	6.71			
11AC20SISO	Ant2	5670	6.92	9.18	≤10.40	PASS
	Ant1	5180	6.14			
	Ant2	5180	6.19	9.41	≤10.40	PASS
	Ant1	5200	6.41			
	Ant2	5200	6.39	9.34	≤10.40	PASS
	Ant1	5240	6.35			
	Ant2	5240	6.31	9.53	≤10.75	PASS
	Ant1	5260	6.50			
	Ant2	5260	6.54	9.63	≤10.75	PASS
	Ant1	5300	6.76			
	Ant2	5300	6.48	9.53	≤10.75	PASS
	Ant1	5320	6.80			
	Ant2	5320	6.21	9.34	≤10.41	PASS
	Ant1	5500	6.48			
	Ant2	5500	6.17	9.34	≤10.41	PASS
	Ant1	5600	6.52			
	Ant2	5600	6.13	9.59	≤10.41	PASS
	Ant1	5700	6.19			
	Ant2	5700	6.93	9.35	≤10.40	PASS
	Ant1	5190	6.33			
11AC40SISO	Ant2	5190	6.34	9.33	≤10.40	PASS
	Ant1	5230	6.55			
	Ant2	5230	6.07	9.42	≤10.75	PASS
	Ant1	5270	6.40			
	Ant2	5270	6.41	9.31	≤10.75	PASS
	Ant1	5310	6.22			
	Ant2	5310	6.38	9.61	≤10.41	PASS
	Ant1	5510	6.41			
	Ant2	5510	6.78	9.59	≤10.41	PASS
	Ant1	5590	6.61			
	Ant2	5590	6.54	9.72	≤10.41	PASS
	Ant1	5670	6.52			
11AC80SISO	Ant2	5670	6.90	7.49	≤10.40	PASS
	Ant1	5210	3.53			
	Ant2	5210	5.26	8.88	≤10.75	PASS
	Ant1	5290	4.66			



	Ant2	5290	6.82			
	Ant1	5530	4.82	8.47	≤10.41	PASS
	Ant2	5530	6.02			
	Ant1	5610	6.98	9.49	≤10.41	PASS
	Ant2	5610	5.91			

Note:

$$1. \text{Total (dBm)} = 10 \times \log(10^{(\text{ANT1 power(dBm)}/10)} + 10^{(\text{ANT2 power(dBm)}/10)} + 10^{(\text{ANT3 power(dBm)}/10)})$$

$$2. \text{As Directional gain} = 10 \log[(10^{G1/20} + 10^{G2/20} + 10^{G3/20})^2 / N_{\text{ANT}}] \text{ dBi,}$$

$$\text{so MIMO Limit (dBm/MHz)} = \text{Limit}_{B1} - (\text{Directional gain} - 6.00).$$



Test Result B4

TestMode	Antenna	Frequency[MHz]	Result [dBm/500KHz]	Limit[dBm/500KHz]	Verdict
11A	Ant1	5745	7.39	≤30.00	PASS
	Ant2	5745	6.42	≤30.00	PASS
	Ant1	5785	6.63	≤30.00	PASS
	Ant2	5785	7.02	≤30.00	PASS
	Ant1	5825	6.70	≤30.00	PASS
	Ant2	5825	6.39	≤30.00	PASS
11N20SISO	Ant1	5745	7.36	≤30.00	PASS
	Ant2	5745	6.32	≤30.00	PASS
	Ant1	5785	7.84	≤30.00	PASS
	Ant2	5785	7.04	≤30.00	PASS
	Ant1	5825	6.94	≤30.00	PASS
	Ant2	5825	6.86	≤30.00	PASS
11N40SISO	Ant1	5755	4.81	≤30.00	PASS
	Ant2	5755	4.56	≤30.00	PASS
	Ant1	5795	6.17	≤30.00	PASS
	Ant2	5795	5.16	≤30.00	PASS
11AC20SISO	Ant1	5745	7.32	≤30.00	PASS
	Ant2	5745	7.13	≤30.00	PASS
	Ant1	5785	6.92	≤30.00	PASS
	Ant2	5785	6.57	≤30.00	PASS
	Ant1	5825	7.33	≤30.00	PASS
	Ant2	5825	6.46	≤30.00	PASS
11AC40SISO	Ant1	5755	2.34	≤30.00	PASS
	Ant2	5755	3.07	≤30.00	PASS
	Ant1	5795	2.09	≤30.00	PASS
	Ant2	5795	2.91	≤30.00	PASS
11AC80SISO	Ant1	5775	2.90	≤30.00	PASS
	Ant2	5775	2.28	≤30.00	PASS

Shenzhen Anbotek Compliance Laboratory Limited

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



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



MIMO:

TestMode	Antenna	Frequency[MHz]	Result [dBm/500 KHz]	Limit[dBm/500KHz]	Verdict	TestMode
11N20SISO	Ant1	5745	7.36	9.88	≤ 29.13	PASS
	Ant2	5745	6.32			
	Ant1	5785	7.84	10.47	≤ 29.13	PASS
	Ant2	5785	7.04			
	Ant1	5825	6.94	9.91	≤ 29.13	PASS
	Ant2	5828	6.86			
11N40SISO	Ant1	5755	4.81	7.70	≤ 29.13	PASS
	Ant2	5755	4.56			
	Ant1	5795	6.17	8.70	≤ 29.13	PASS
	Ant2	5795	5.16			
11AC20SISO	Ant1	5745	7.32	10.24	≤ 29.13	PASS
	Ant2	5745	7.13			
	Ant1	5785	6.92	9.76	≤ 29.13	PASS
	Ant2	5785	6.57			
	Ant1	5825	7.33	9.93	≤ 29.13	PASS
	Ant2	5828	6.46			
11AC40SISO	Ant1	5755	2.34	5.73	≤ 29.13	PASS
	Ant2	5755	3.07			
	Ant1	5795	2.09	5.53	≤ 29.13	PASS
	Ant2	5795	2.91			
11AC80SISO	Ant1	5775	2.90	5.61	≤ 29.13	PASS
	Ant2	5775	2.28			

Note:

3. Total (dBm)= $10 \times \log(10^{(\text{ANT1 power(dBm)/10})} + 10^{(\text{ANT2 power(dBm)/10})} + 10^{(\text{ANT3 power(dBm)/10})})$

4. As Directional gain= $10 \log[(10^{G1/20} + 10^{G2/20} + 10^{G3/20})^2 / N_{\text{ANT}}]$ dBi,

so MIMO Limit (dBm/MHz)=Limit_{B1}-(Directional gain-6.00).



Test Graphs B1/2/3

11A_Ant1_5180



11A_Ant2_5180



11A_Ant1_5200

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





11A_Ant2_5200



11A_Ant1_5240



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

