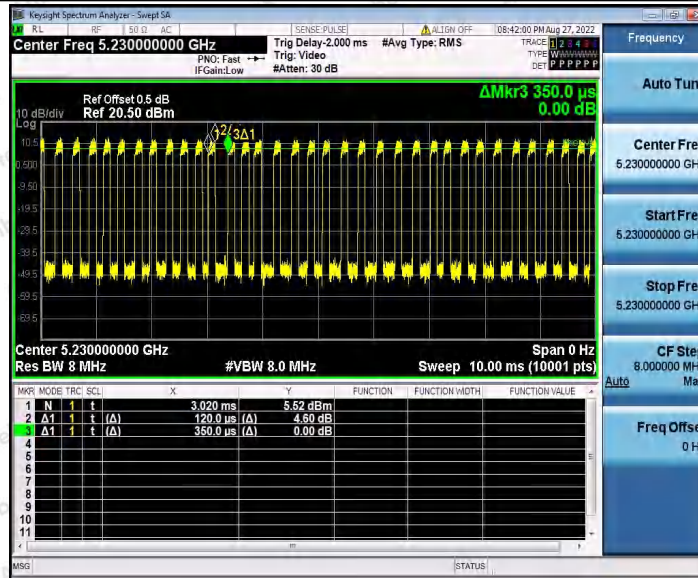
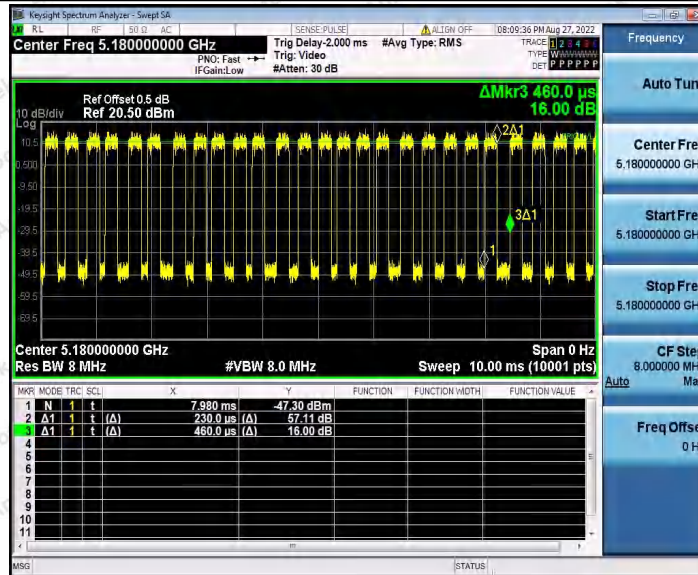


11N40SISO_Ant2_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant2_5180

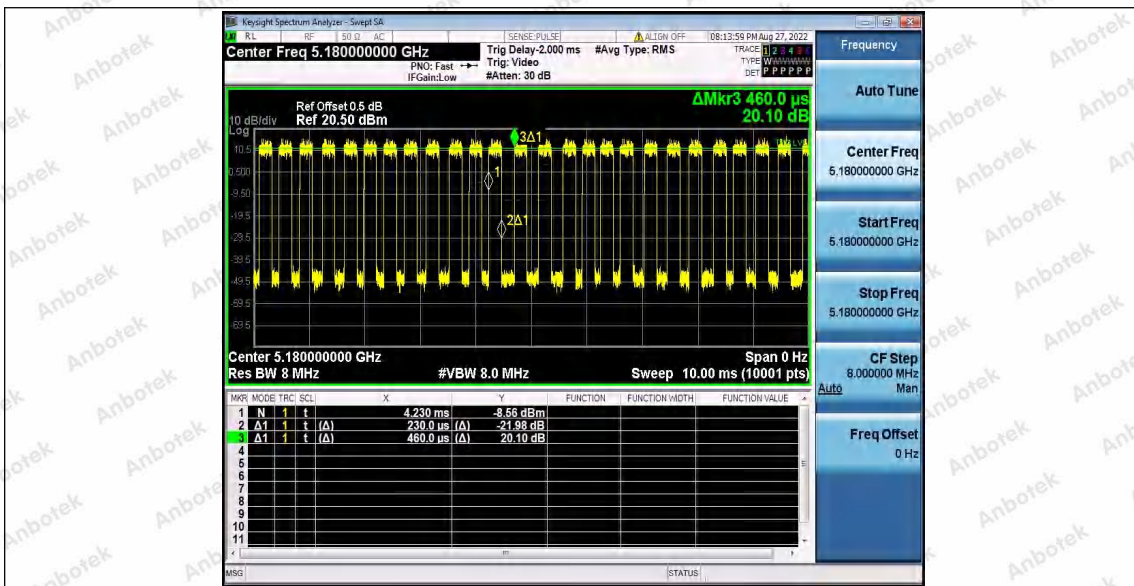
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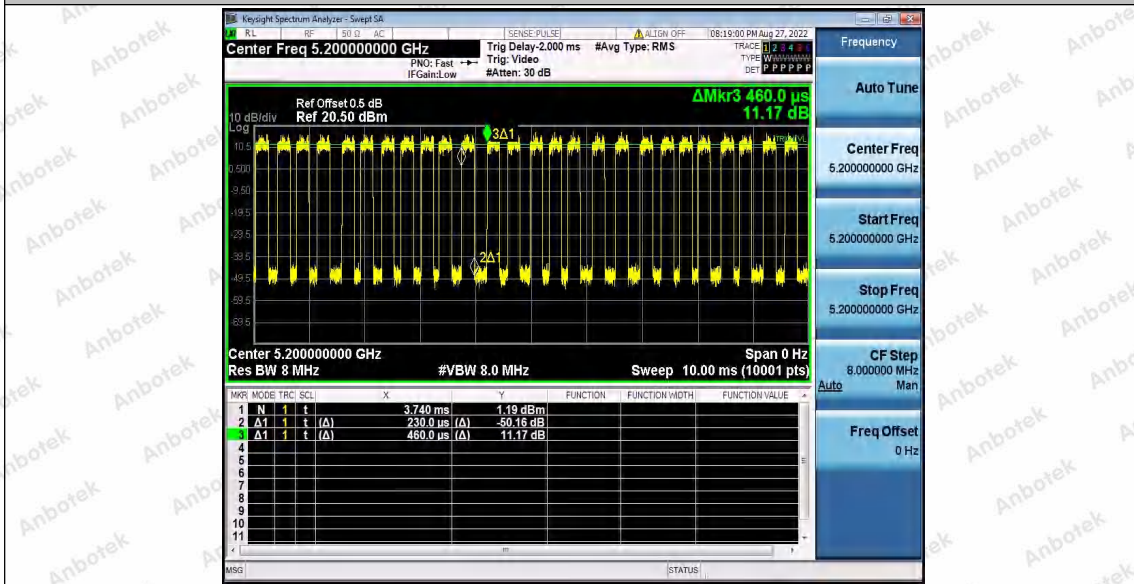


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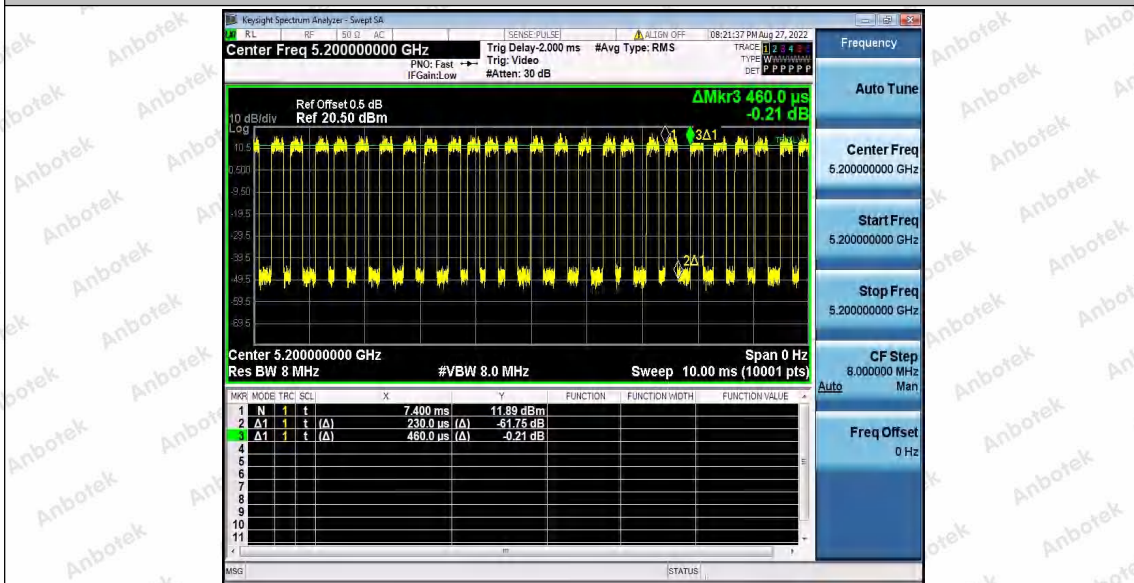




11AC20SISO_Ant1_5200



11AC20SISO_Ant2_5200



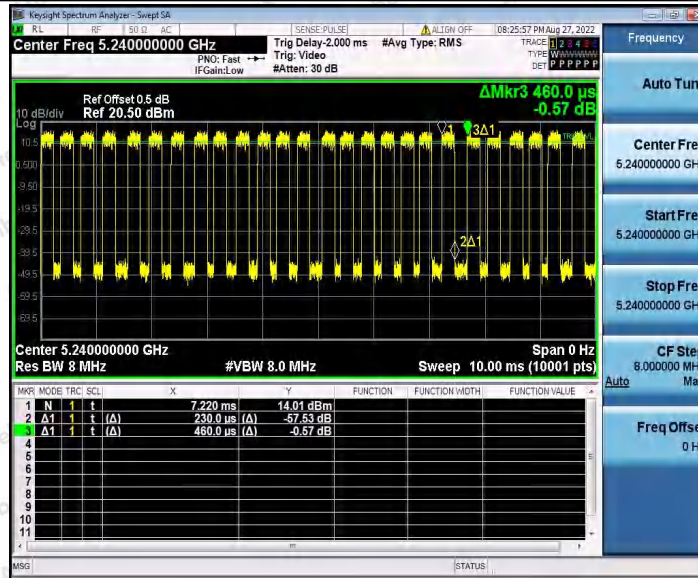
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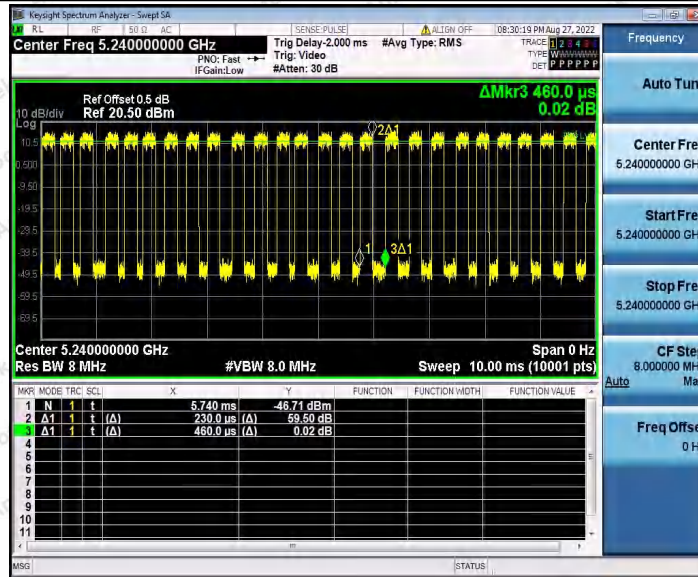
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11AC20SISO_Ant1_5240



11AC20SISO_Ant2_5240



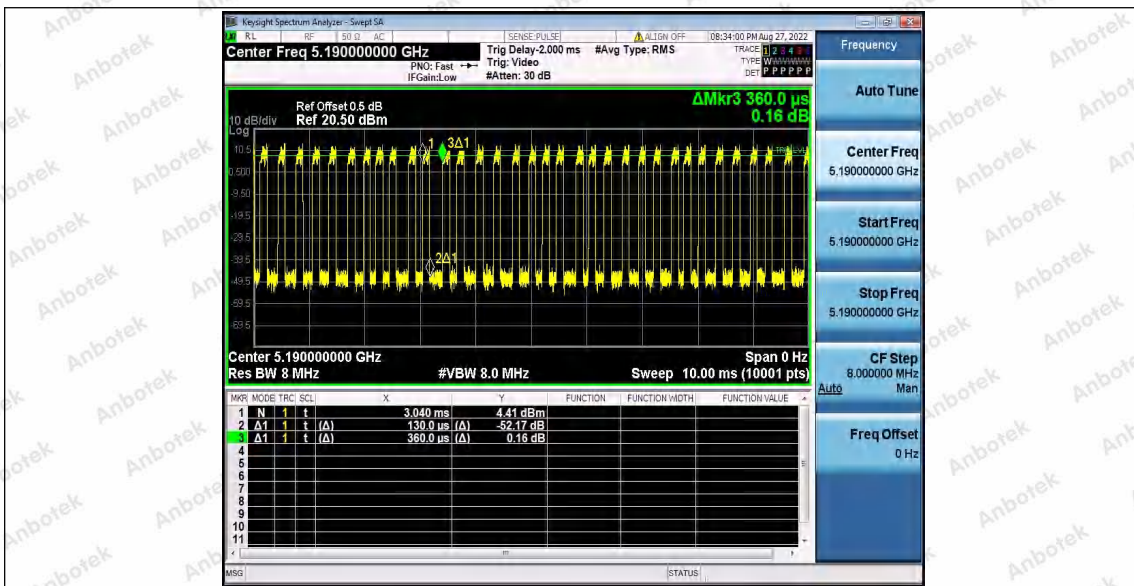
11AC40SISO_Ant1_5190

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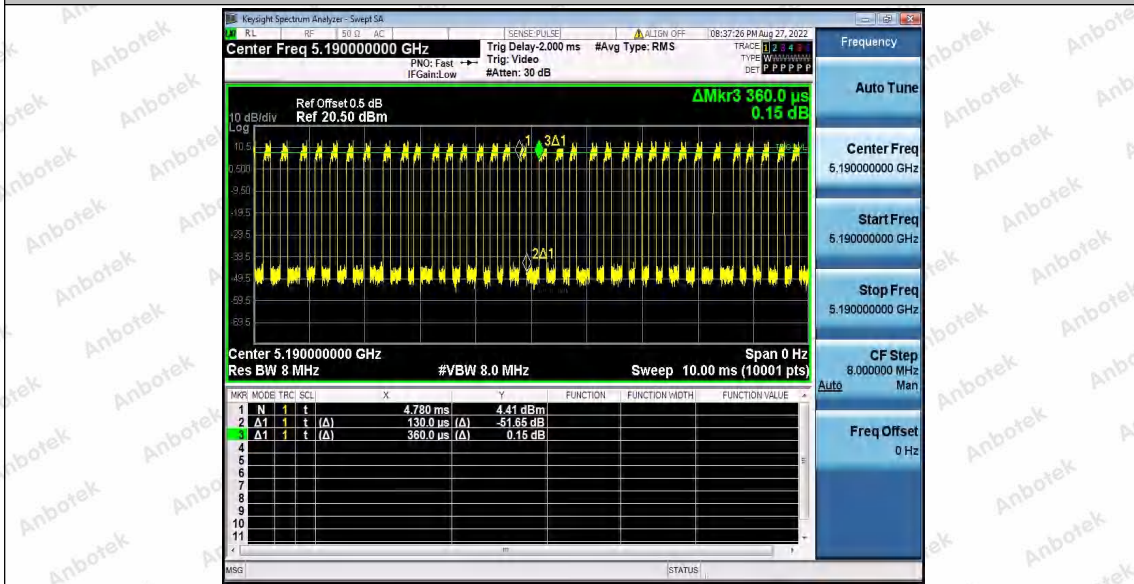
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
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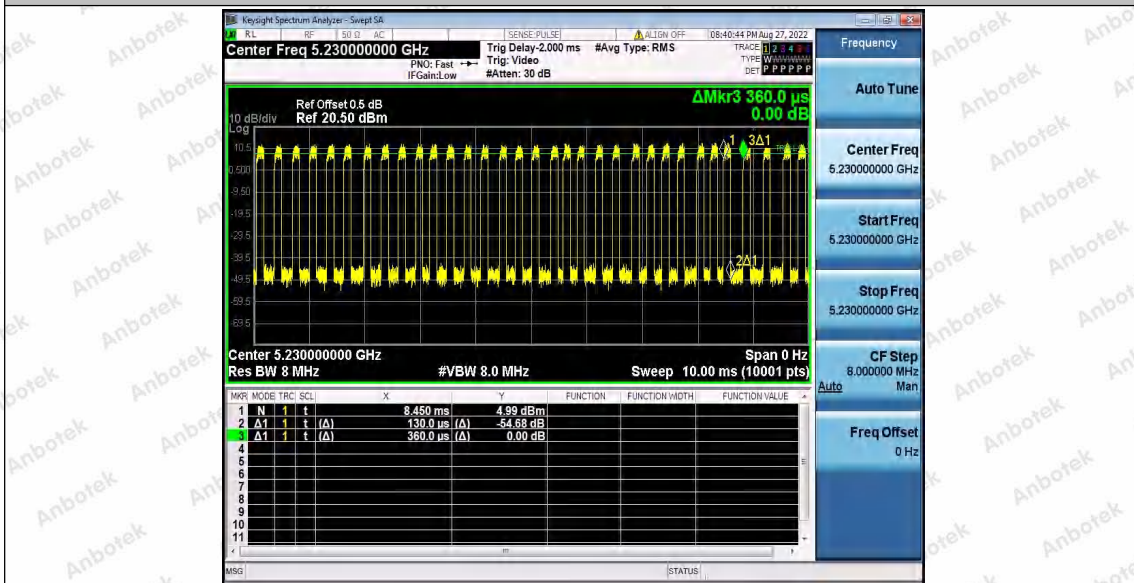




11AC40SISO_Ant2_5190



11AC40SISO_Ant1_5230



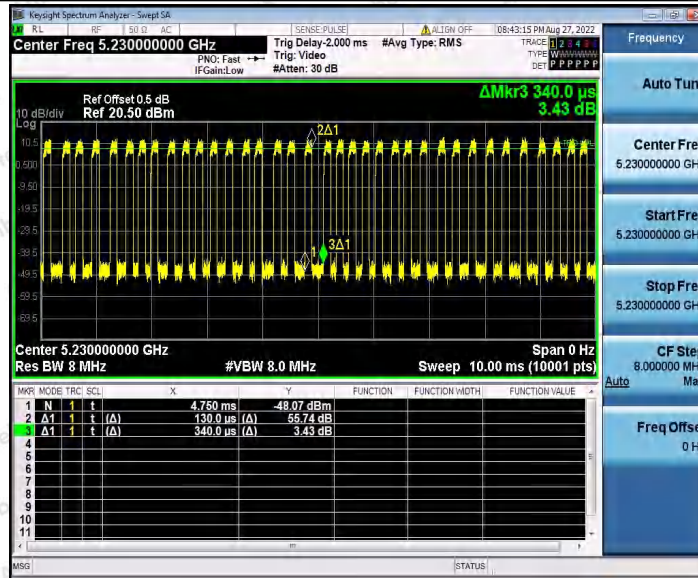
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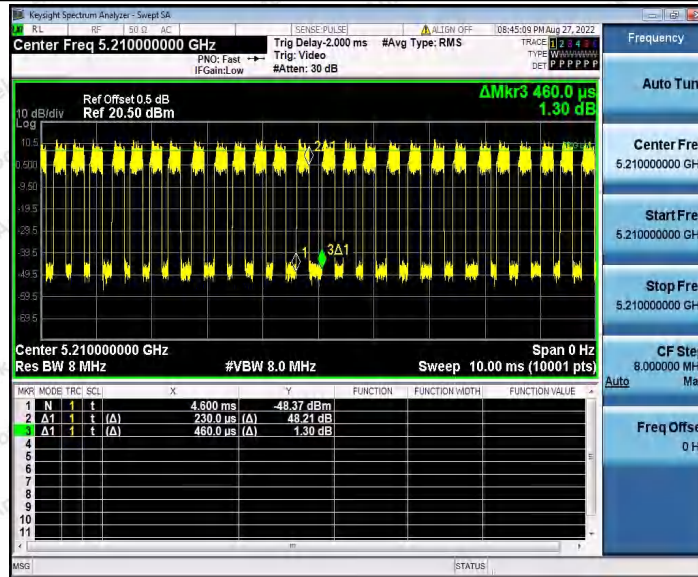
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11AC40SISO_Ant2_5230



11AC80SISO_Ant1_5210



11AC80SISO_Ant2_5210

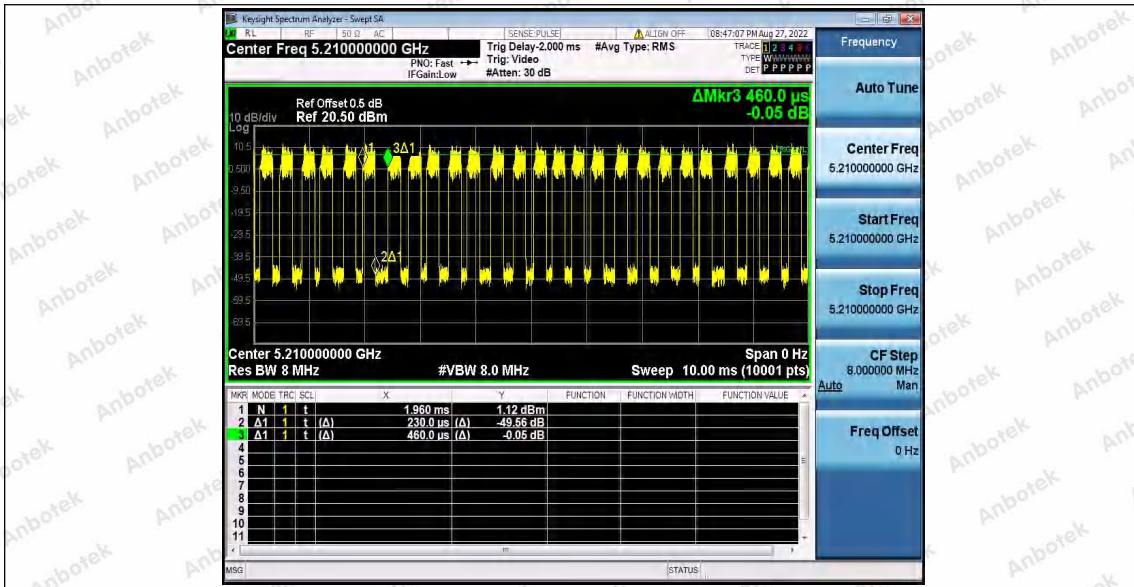
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Appendix C: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Frequency [MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	8.02	50.00	3.01	11.03	≤22.27	PASS
	Ant2	5180	8.20	50.00	3.01	11.21	≤22.27	PASS
	Ant1	5200	8.48	44.00	3.57	12.05	≤22.27	PASS
	Ant2	5200	8.48	50.00	3.01	11.49	≤22.27	PASS
	Ant1	5240	8.84	50.00	3.01	11.85	≤22.27	PASS
	Ant2	5240	9.08	50.00	3.01	12.09	≤22.27	PASS
11N20SISO	Ant1	5180	8.11	50.00	3.01	11.12	≤22.27	PASS
	Ant2	5180	8.23	48.89	3.11	11.34	≤22.27	PASS
	Ant1	5200	8.35	48.89	3.11	11.46	≤22.27	PASS
	Ant2	5200	8.54	50.00	3.01	11.55	≤22.27	PASS
	Ant1	5240	8.83	50.00	3.01	11.84	≤22.27	PASS
	Ant2	5240	8.82	50.00	3.01	11.83	≤22.27	PASS
11N40SISO	Ant1	5190	7.27	36.11	4.42	11.69	≤22.27	PASS
	Ant2	5190	7.16	36.11	4.42	11.58	≤22.27	PASS
	Ant1	5230	7.41	36.11	4.42	11.83	≤22.27	PASS
	Ant2	5230	7.46	34.29	4.65	12.11	≤22.27	PASS
11AC20SISO	Ant1	5180	8.19	50.00	3.01	11.20	≤22.27	PASS
	Ant2	5180	8.32	50.00	3.01	11.33	≤22.27	PASS
	Ant1	5200	8.42	50.00	3.01	11.43	≤22.27	PASS
	Ant2	5200	8.47	50.00	3.01	11.48	≤22.27	PASS
	Ant1	5240	8.94	50.00	3.01	11.95	≤22.27	PASS
	Ant2	5240	8.51	50.00	3.01	11.52	≤22.27	PASS
11AC40SISO	Ant1	5190	7.29	36.11	4.42	11.71	≤22.27	PASS
	Ant2	5190	7.18	36.11	4.42	11.60	≤22.27	PASS
	Ant1	5230	7.55	36.11	4.42	11.97	≤22.27	PASS
	Ant2	5230	7.39	38.24	4.17	11.56	≤22.27	PASS
11AC80SISO	Ant1	5210	8.78	50.00	3.01	11.79	≤22.27	PASS
	Ant2	5210	8.67	50.00	3.01	11.68	≤22.27	PASS

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

MIMO ANT gain: 7.71dBi

Limit [dBm]=23.98-(7.71-6)=22.27dBm

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MIMO:

Test Condition	Test Mode	Channel	Result[dBm]	Limit[dBm]	Verdict
NTNV	11N20MIMO	5180	14.242	≤22.27	PASS
		5200	14.516	≤22.27	PASS
		5240	14.845	≤22.27	PASS
	11N40MIMO	5190	14.646	≤22.27	PASS
		5230	14.983	≤22.27	PASS
	11AC20MIMO	5180	14.276	≤22.27	PASS
		5200	14.465	≤22.27	PASS
		5240	14.751	≤22.27	PASS
	11AC40MIMO	5190	14.666	≤22.27	PASS
		5230	14.780	≤22.27	PASS
	11AC80MIMO	5210	14.746	≤22.27	PASS

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Appendix D: Maximum power spectral density

Test Result B1

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	0.01	≤9.29	PASS
	Ant2	5180	0.38	≤9.29	PASS
	Ant1	5200	1.54	≤9.29	PASS
	Ant2	5200	0.6	≤9.29	PASS
	Ant1	5240	1.17	≤9.29	PASS
	Ant2	5240	1.47	≤9.29	PASS
11N20SISO	Ant1	5180	0.65	≤9.29	PASS
	Ant2	5180	0.78	≤9.29	PASS
	Ant1	5200	0.55	≤9.29	PASS
	Ant2	5200	1.22	≤9.29	PASS
	Ant1	5240	1.16	≤9.29	PASS
	Ant2	5240	1.04	≤9.29	PASS
11N40SISO	Ant1	5190	-1.41	≤9.29	PASS
	Ant2	5190	-1.59	≤9.29	PASS
	Ant1	5230	-1.3	≤9.29	PASS
	Ant2	5230	-1.36	≤9.29	PASS
11AC20SISO	Ant1	5180	0.62	≤9.29	PASS
	Ant2	5180	0.85	≤9.29	PASS
	Ant1	5200	0.63	≤9.29	PASS
	Ant2	5200	0.67	≤9.29	PASS
	Ant1	5240	1.14	≤9.29	PASS
	Ant2	5240	1.42	≤9.29	PASS
11AC40SISO	Ant1	5190	-1.94	≤9.29	PASS
	Ant2	5190	-1.89	≤9.29	PASS
	Ant1	5230	-1.88	≤9.29	PASS
	Ant2	5230	-2.12	≤9.29	PASS
11AC80SISO	Ant1	5210	-3.19	≤9.29	PASS
	Ant2	5210	-2.94	≤9.29	PASS

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

MIMO ANT gain: 7.71dBi

Limit [dBm/MHz]=11-(7.71-6)=9.29dBm/MHz

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MIMO:

Test Condition	Test Mode	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
NTNV	11N20MIMO	5180	3.726	≤9.29	PASS
		5200	3.908	≤9.29	PASS
		5240	4.111	≤9.29	PASS
	11N40MIMO	5190	1.511	≤9.29	PASS
		5230	1.680	≤9.29	PASS
	11AC20MIMO	5180	3.747	≤9.29	PASS
		5200	3.660	≤9.29	PASS
		5240	4.293	≤9.29	PASS
	11AC40MIMO	5190	1.095	≤9.29	PASS
		5230	1.012	≤9.29	PASS
	11AC80MIMO	5210	-0.053	≤9.29	PASS

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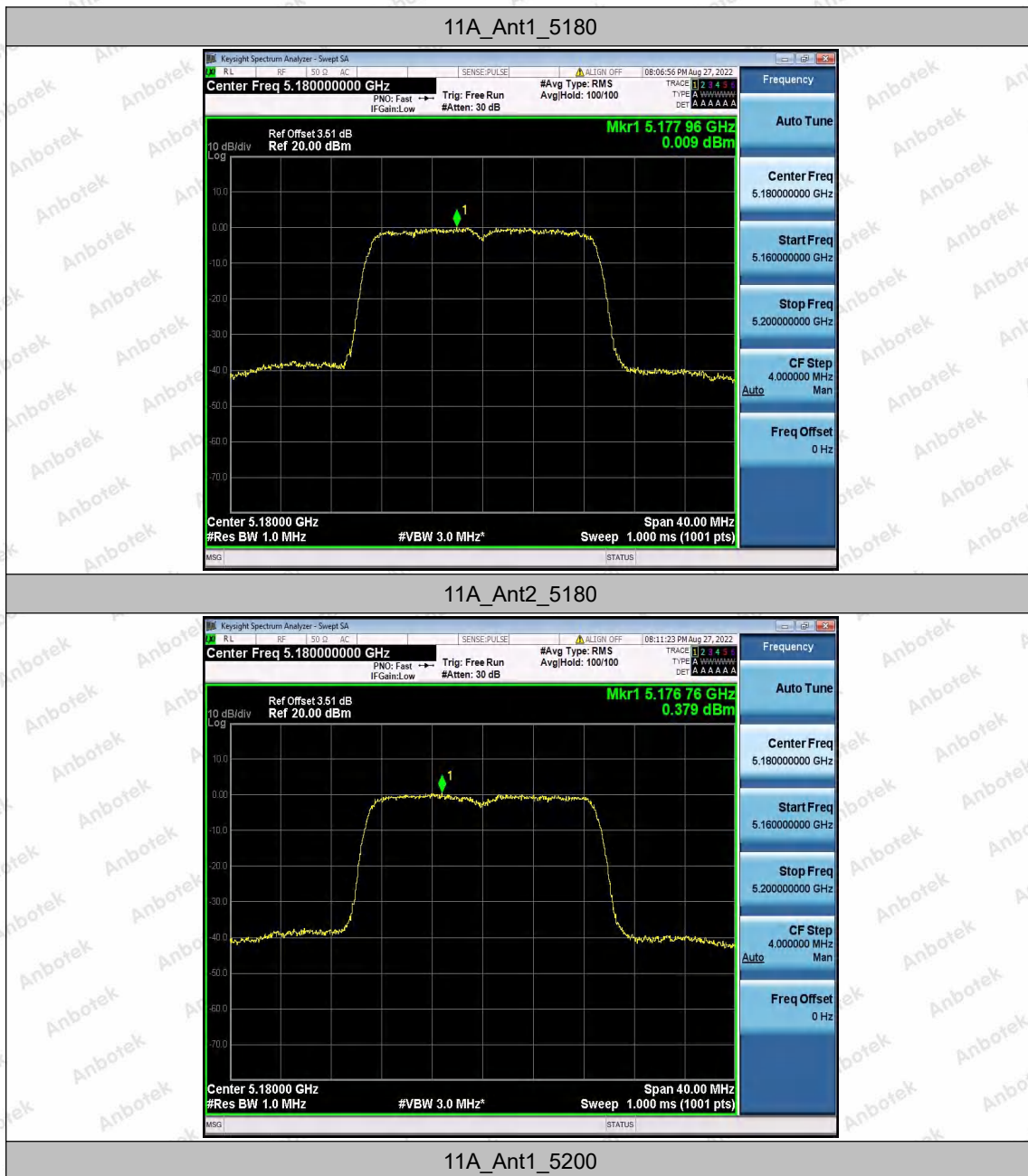
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Test Graphs B1



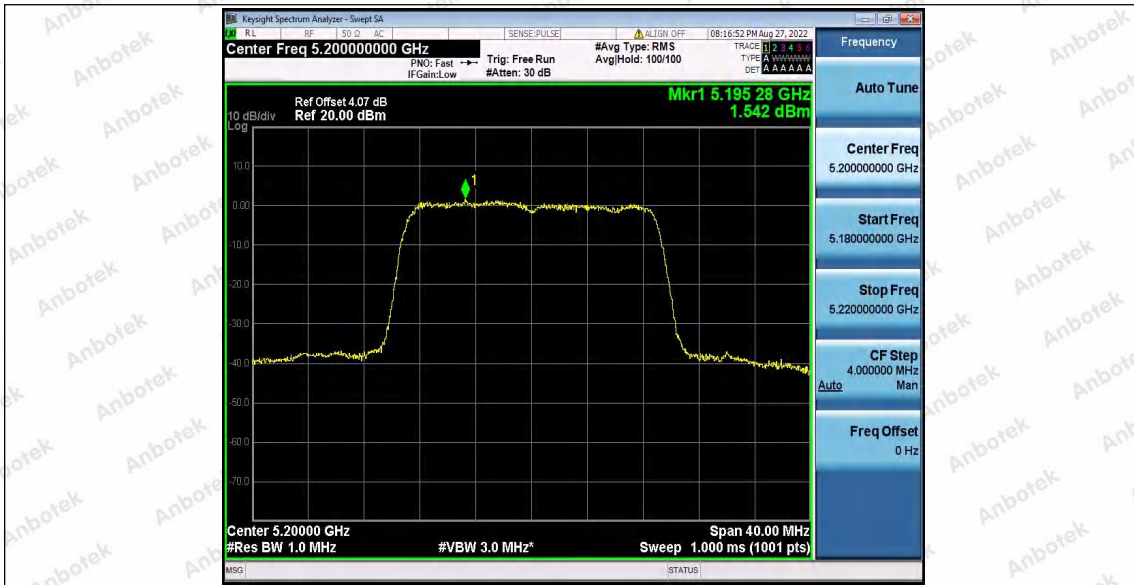
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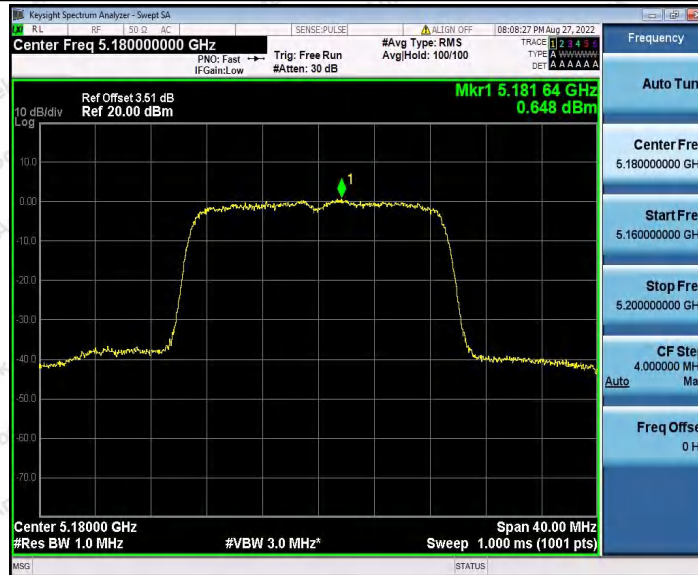
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11A_Ant2_5240



11N20SISO_Ant1_5180



11N20SISO_Ant2_5180

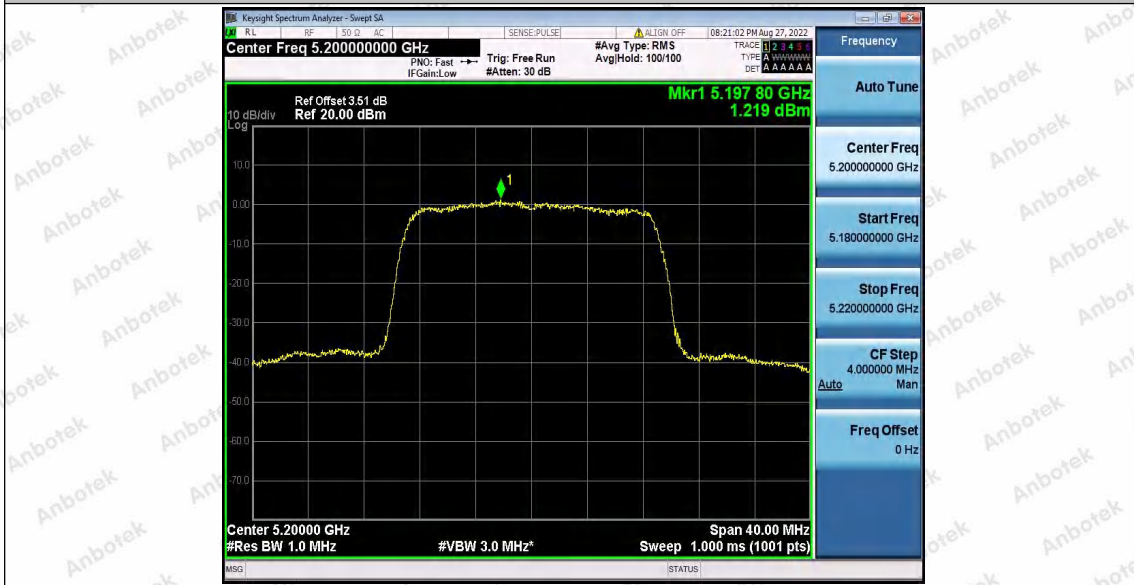
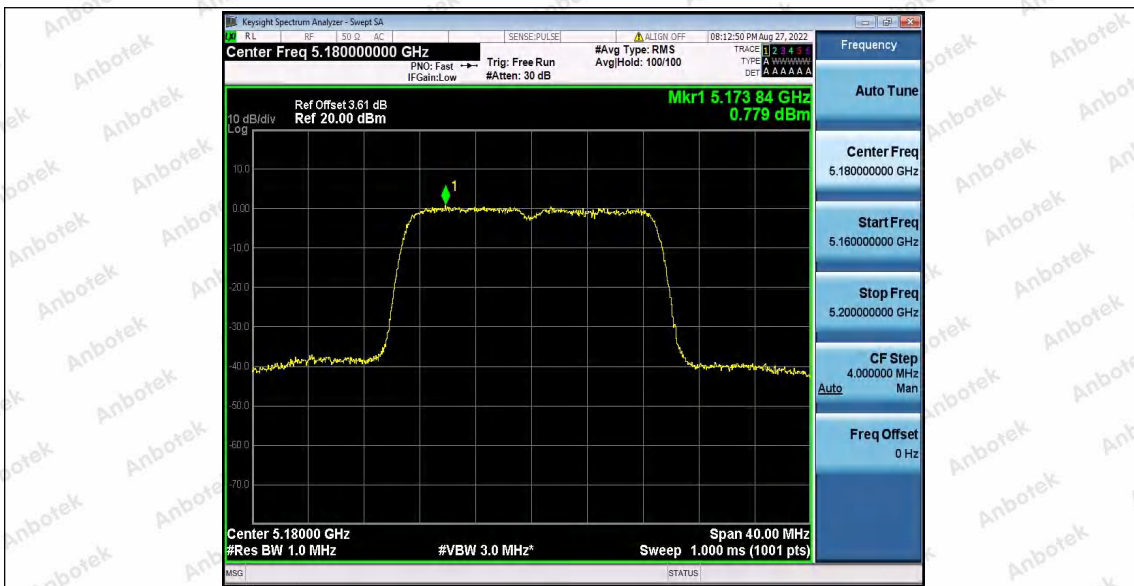
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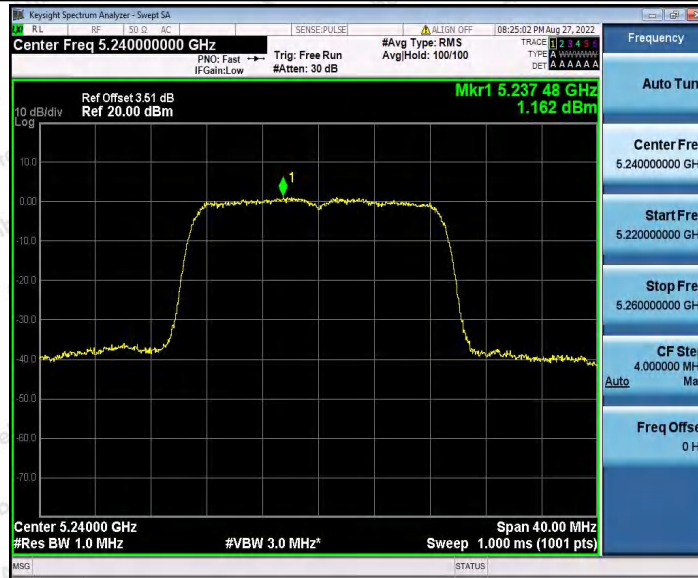
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Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



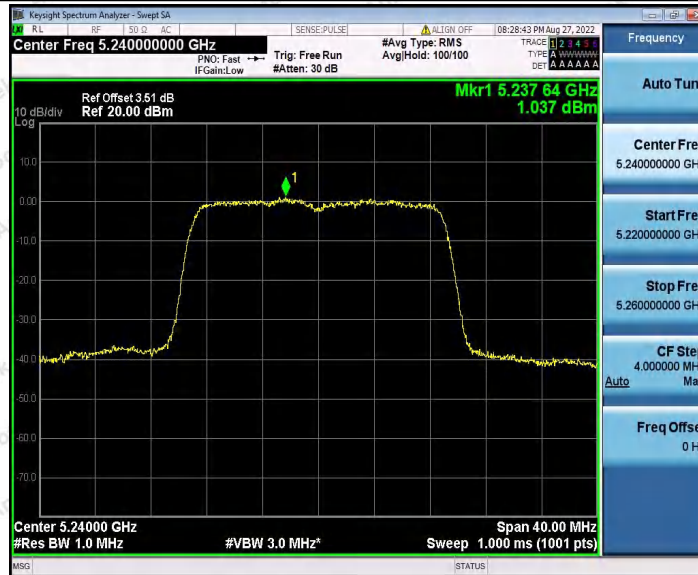
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11N20SISO_Ant1_5240



11N20SISO_Ant2_5240



11N40SISO_Ant1_5190

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11N40SISO_Ant2_5190



11N40SISO_Ant1_5230



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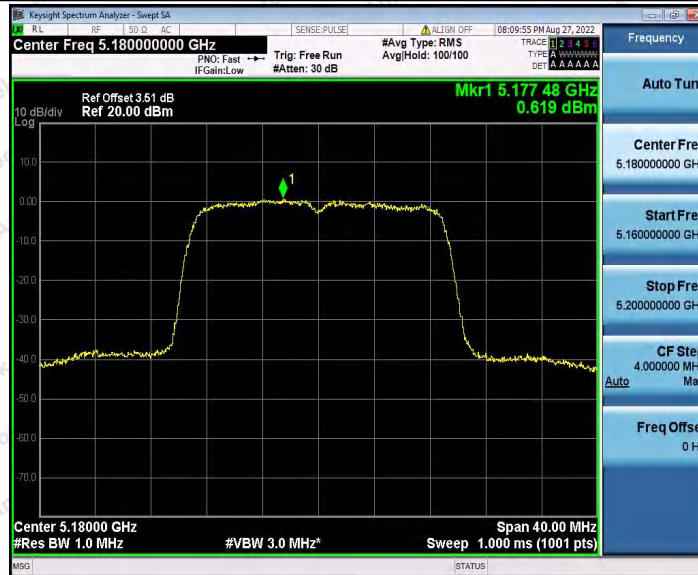
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11N40SISO_Ant2_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant2_5180

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11AC20SISO_Ant1_5200



11AC20SISO_Ant2_5200



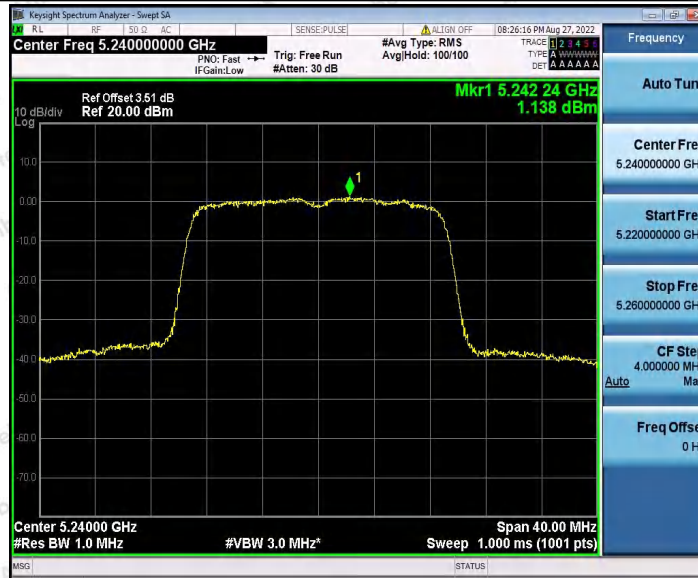
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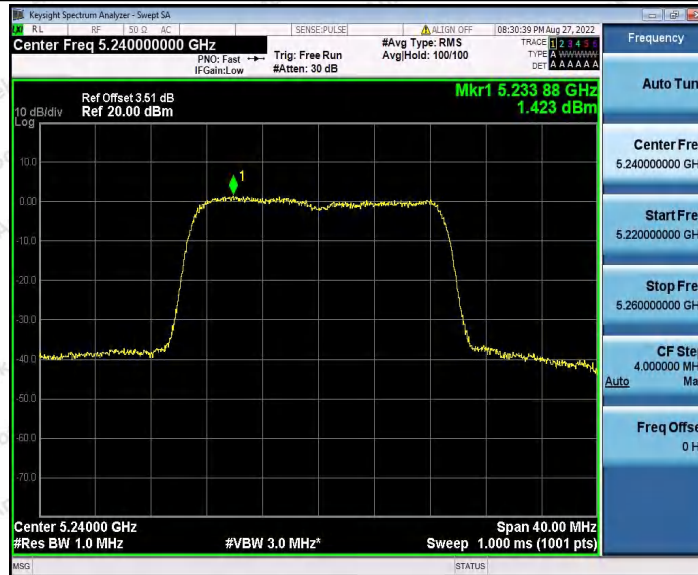
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11AC20SISO_Ant1_5240



11AC20SISO_Ant2_5240



11AC40SISO_Ant1_5190

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11AC40SISO_Ant2_5230



11AC80SISO_Ant1_5210



11AC80SISO_Ant2_5210

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Appendix E: Band edge measurements

Test Result B1

Test Mode	Antenna	Ch Name	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-50.12	≤-27	PASS
	Ant2	Low	5180	-50.02	≤-27	PASS
	Ant1	High	5240	-56.99	≤-27	PASS
	Ant2	High	5240	-57.18	≤-27	PASS
11N20SISO	Ant1	Low	5180	-47.94	≤-27	PASS
	Ant2	Low	5180	-49.41	≤-27	PASS
	Ant1	High	5240	-57	≤-27	PASS
	Ant2	High	5240	-57.32	≤-27	PASS
11N40SISO	Ant1	Low	5190	-40.01	≤-27	PASS
	Ant2	Low	5190	-40.35	≤-27	PASS
	Ant1	High	5230	-56.59	≤-27	PASS
	Ant2	High	5230	-56.77	≤-27	PASS
11AC20SISO	Ant1	Low	5180	-49.13	≤-27	PASS
	Ant2	Low	5180	-49.28	≤-27	PASS
	Ant1	High	5240	-56.89	≤-27	PASS
	Ant2	High	5240	-56.87	≤-27	PASS
11AC40SISO	Ant1	Low	5190	-39.96	≤-27	PASS
	Ant2	Low	5190	-40.46	≤-27	PASS
	Ant1	High	5230	-56.65	≤-27	PASS
	Ant2	High	5230	-56.23	≤-27	PASS
11AC80SISO	Ant1	Low	5210	-37.82	≤-27	PASS
	Ant2	Low	5210	-37.84	≤-27	PASS
	Ant1	High	5210	-45.51	≤-27	PASS
	Ant2	High	5210	-46.06	≤-27	PASS

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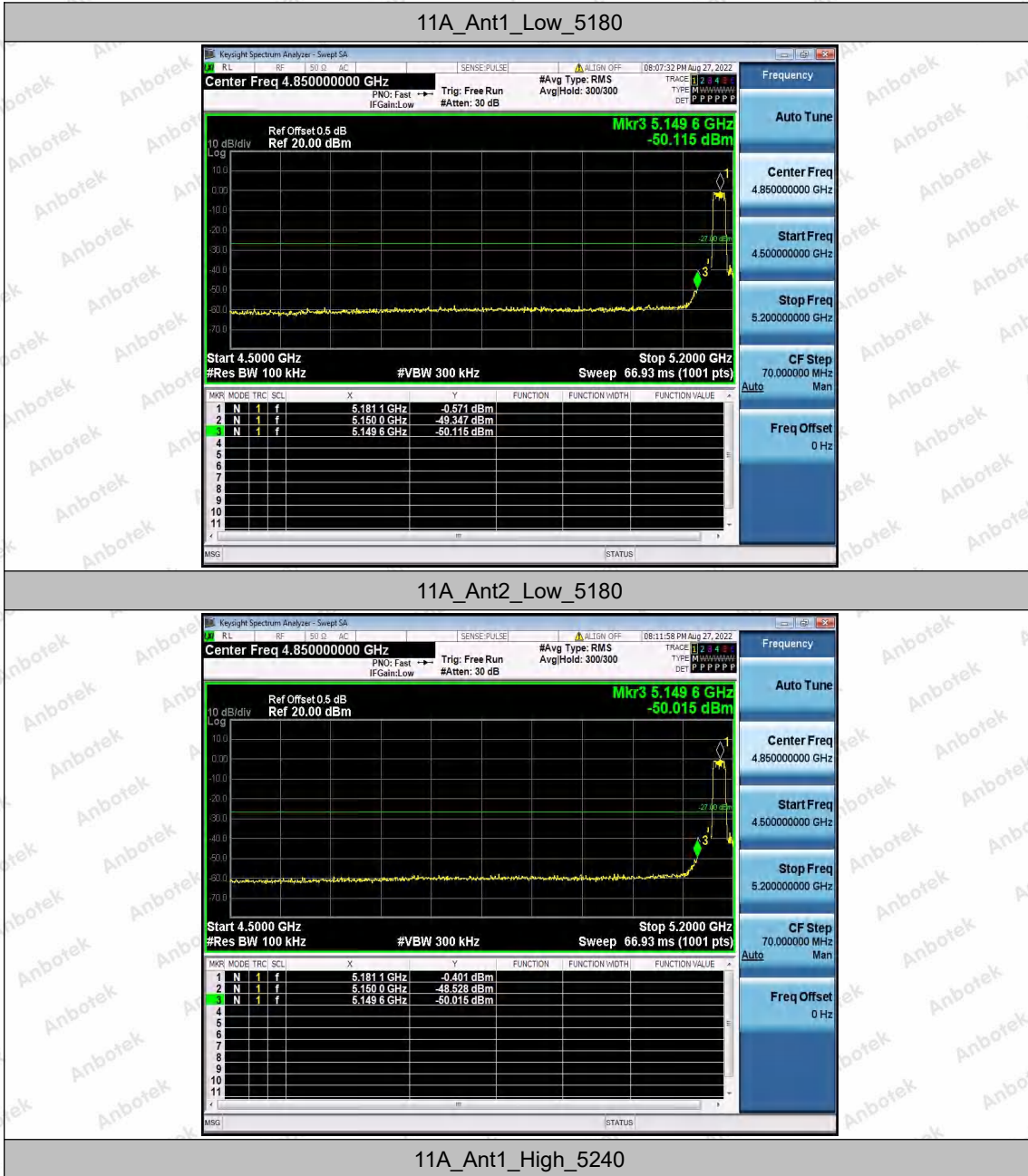
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Test Graphs B1



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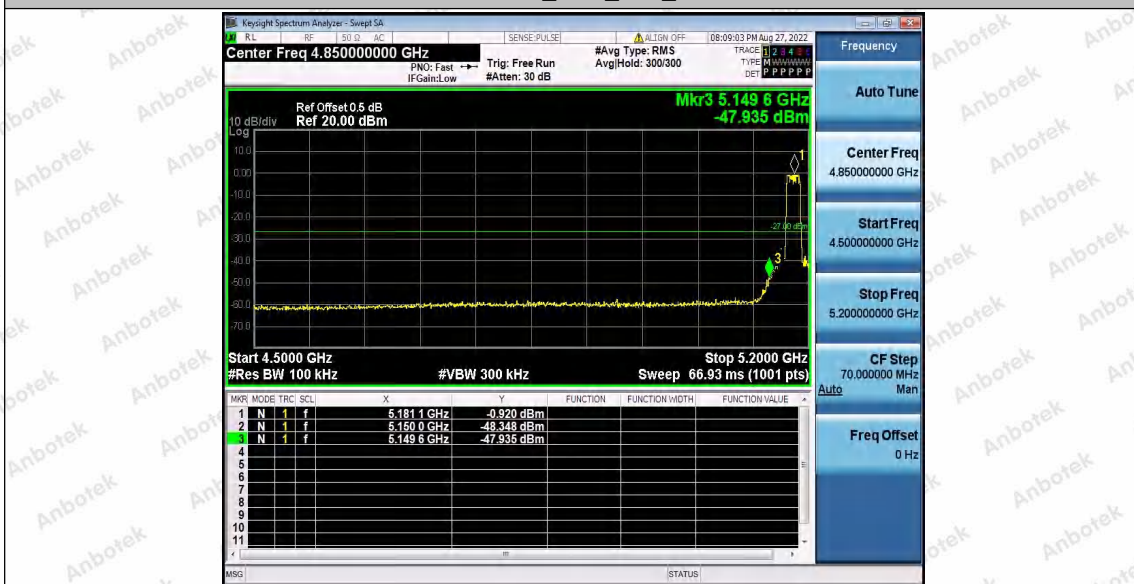




11A_Ant2_High_5240



11N20SISO_Ant1_Low_5180



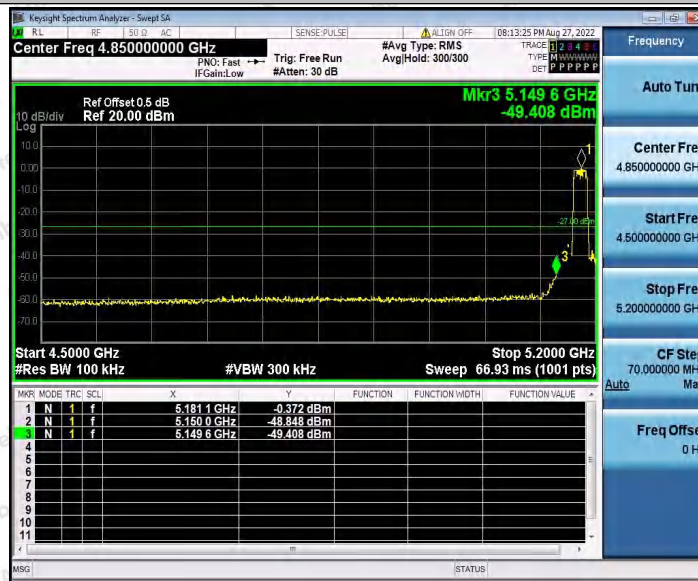
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 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

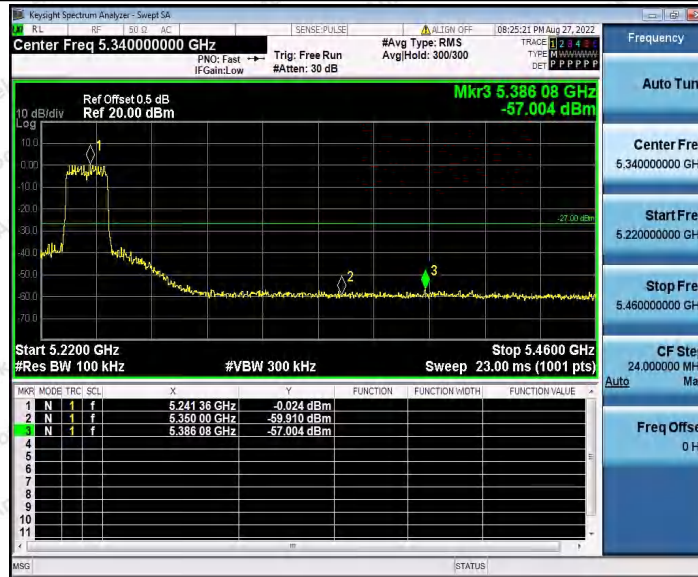
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11N20SISO_Ant2_Low_5180



11N20SISO_Ant1_High_5240



11N20SISO_Ant2_High_5240

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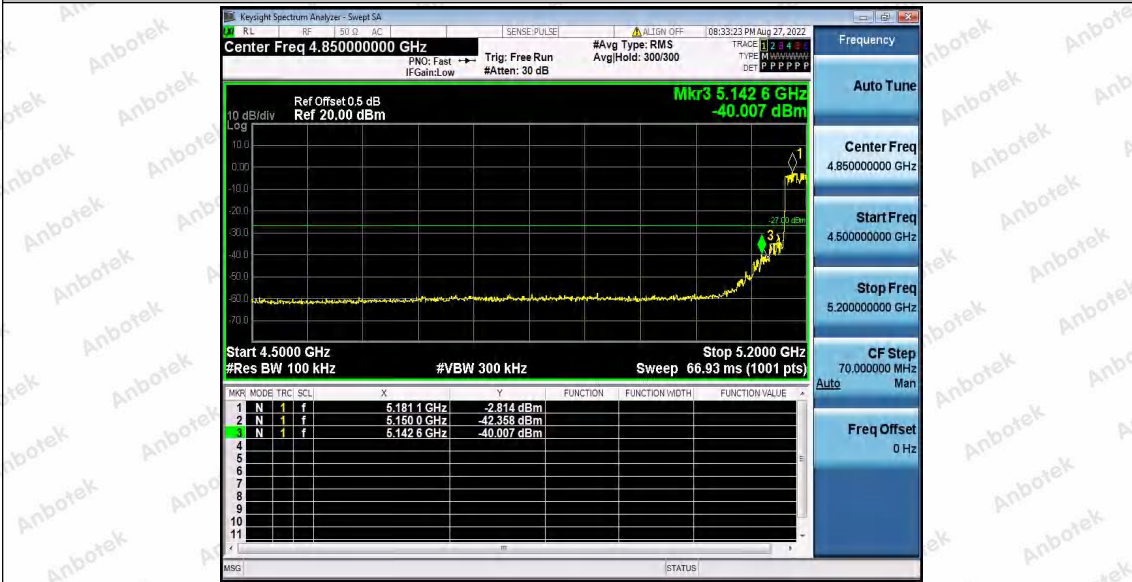
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11N40SISO_Ant1_Low_5190



11N40SISO_Ant2_Low_5190



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11N40SISO_Ant1_High_5230



11N40SISO_Ant2_High_5230



11AC20SISO_Ant1_Low_5180

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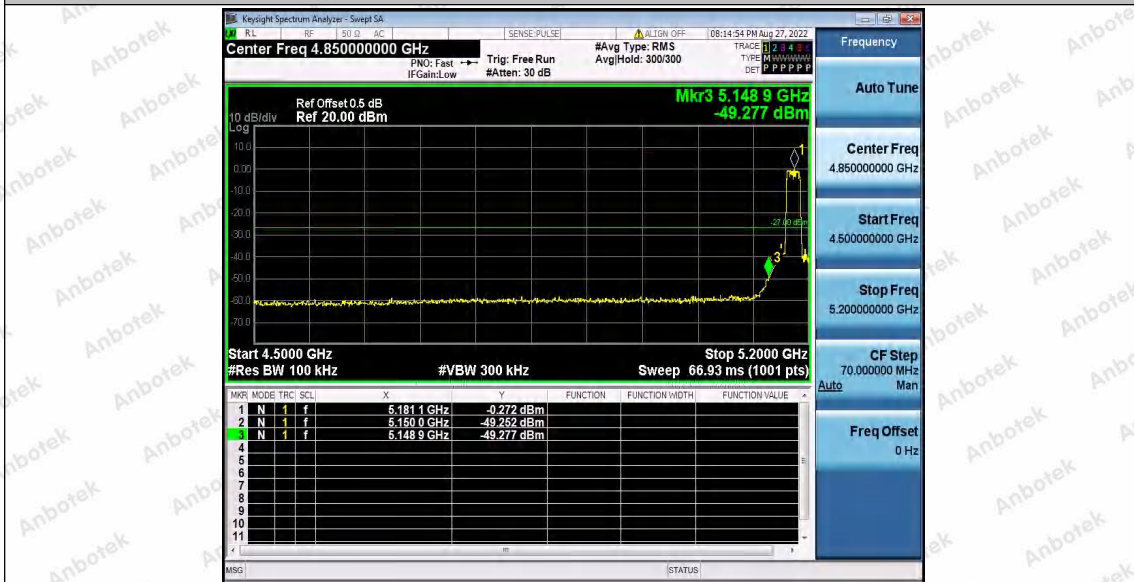


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11AC20SISO_Ant2_Low_5180



11AC20SISO_Ant1_High_5240



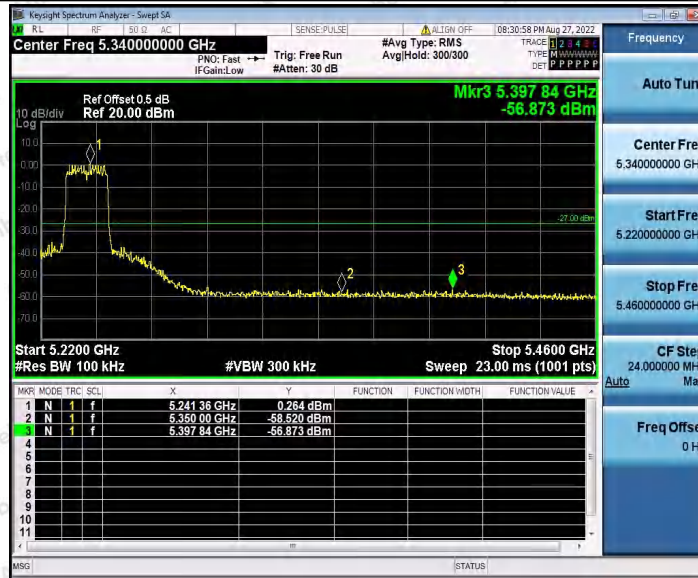
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Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

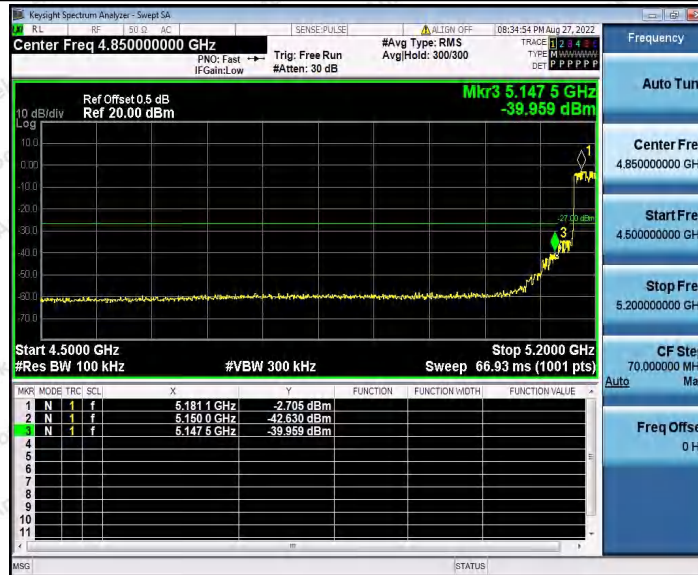
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11AC20SISO_Ant2_High_5240



11AC40SISO_Ant1_Low_5190



11AC40SISO_Ant2_Low_5190

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11AC40SISO_Ant1_High_5230



11AC40SISO_Ant2_High_5230



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11AC80SISO_Ant1_Low_5210



11AC80SISO_Ant2_Low_5210



11AC80SISO_Ant1_High_5210

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11AC80SISO_Ant2_High_5210



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