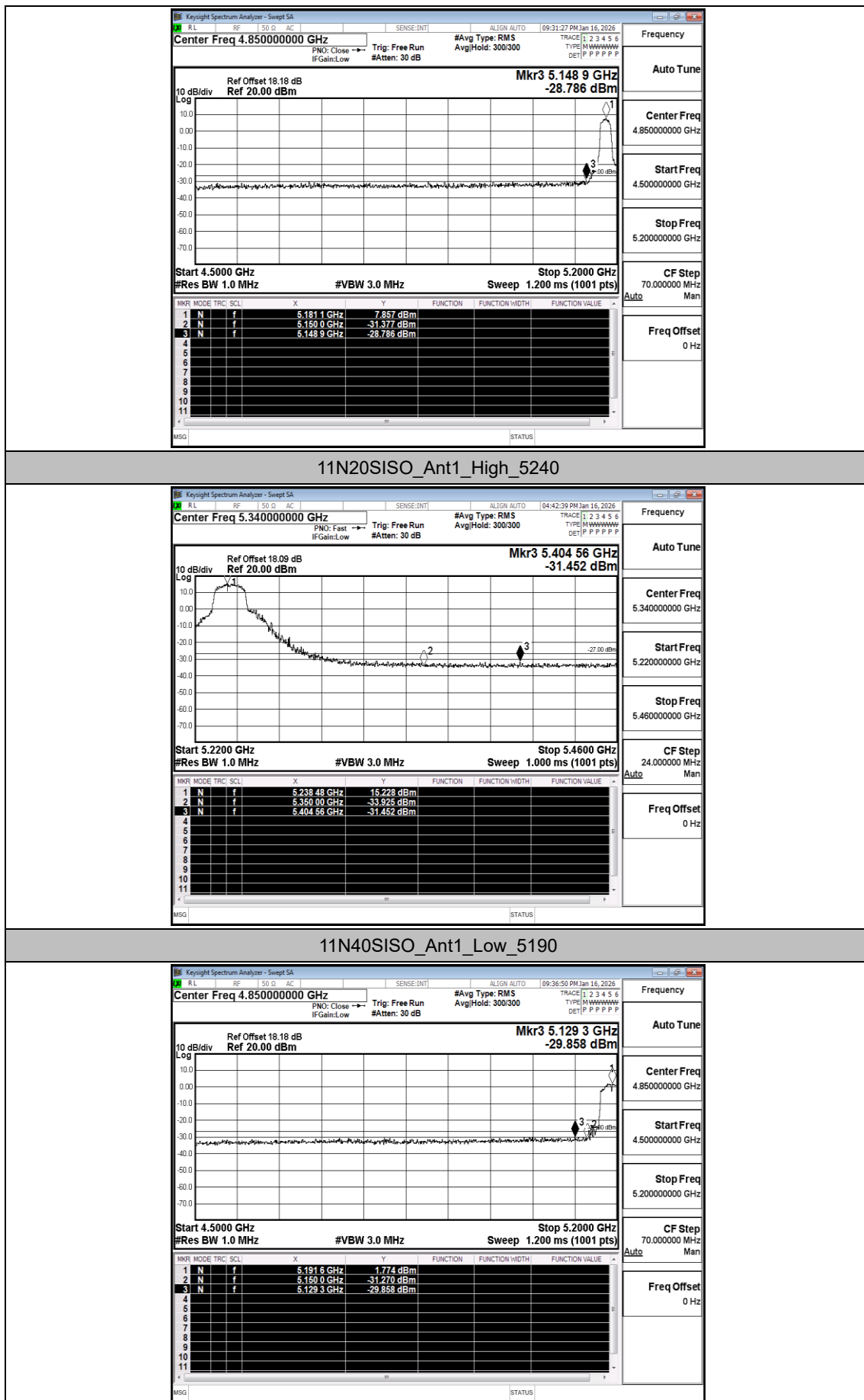


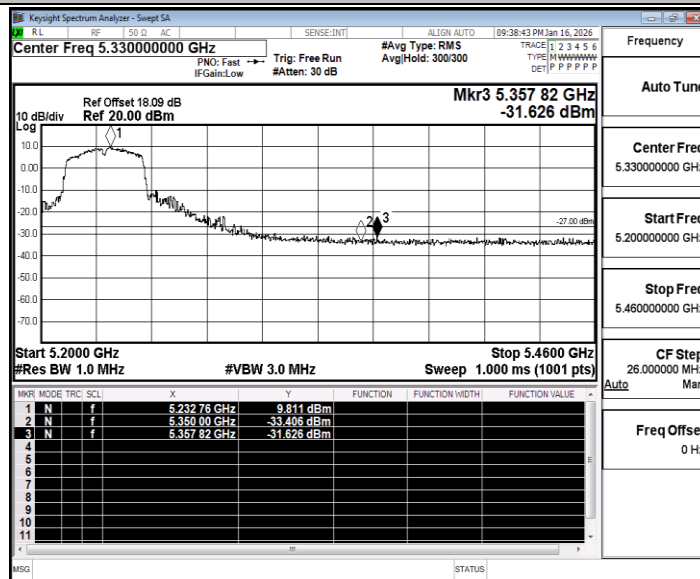


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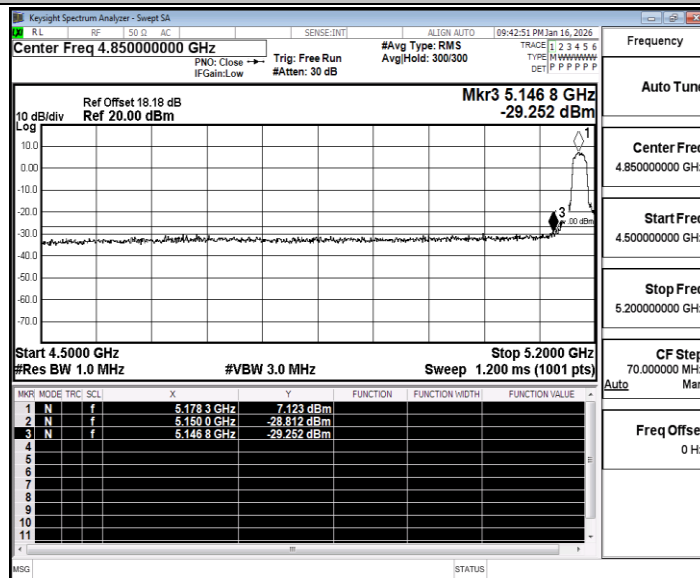
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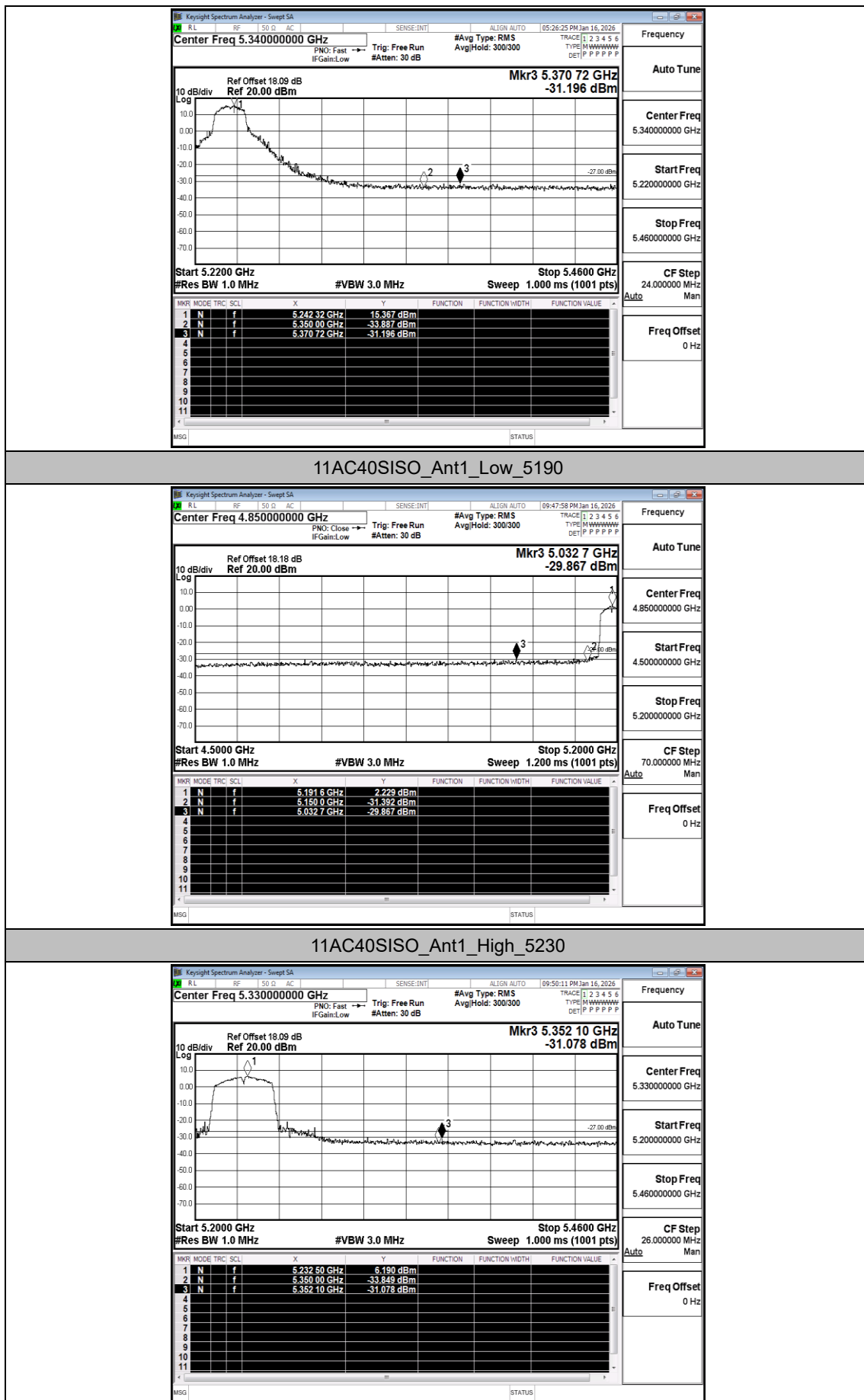
11N40SISO_Ant1_High_5230



11AC20SISO_Ant1_Low_5180



11AC20SISO_Ant1_High_5240

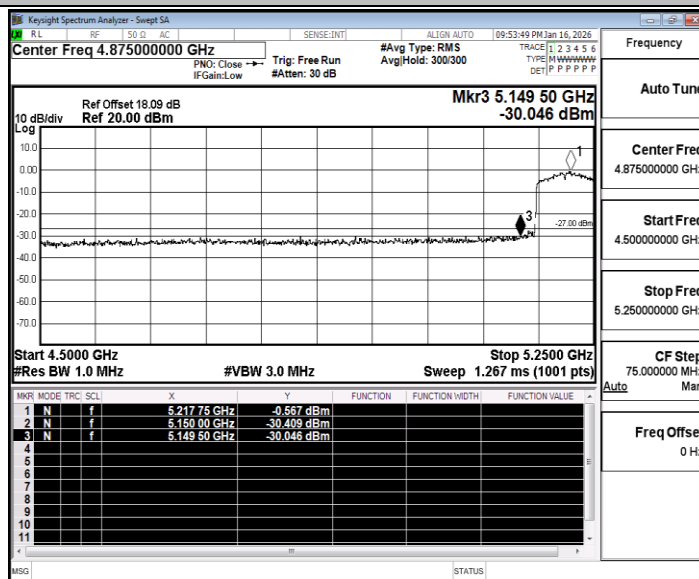


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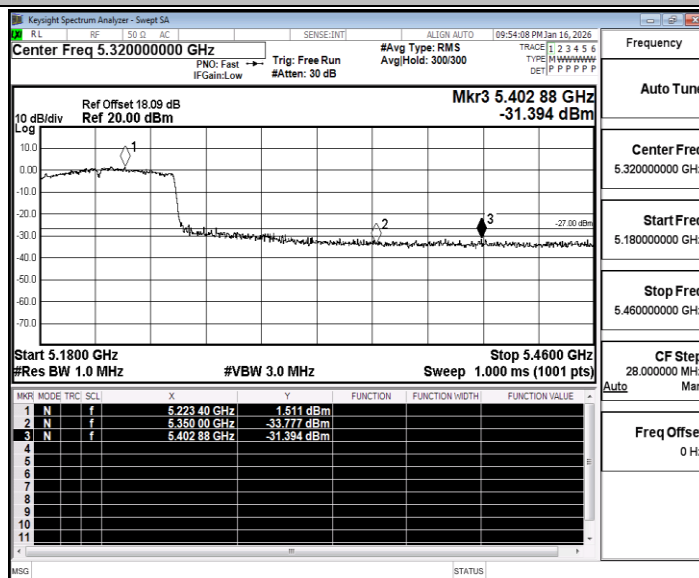
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11AC80SISO_Ant1_Low_5210



11AC80SISO_Ant1_High_5210

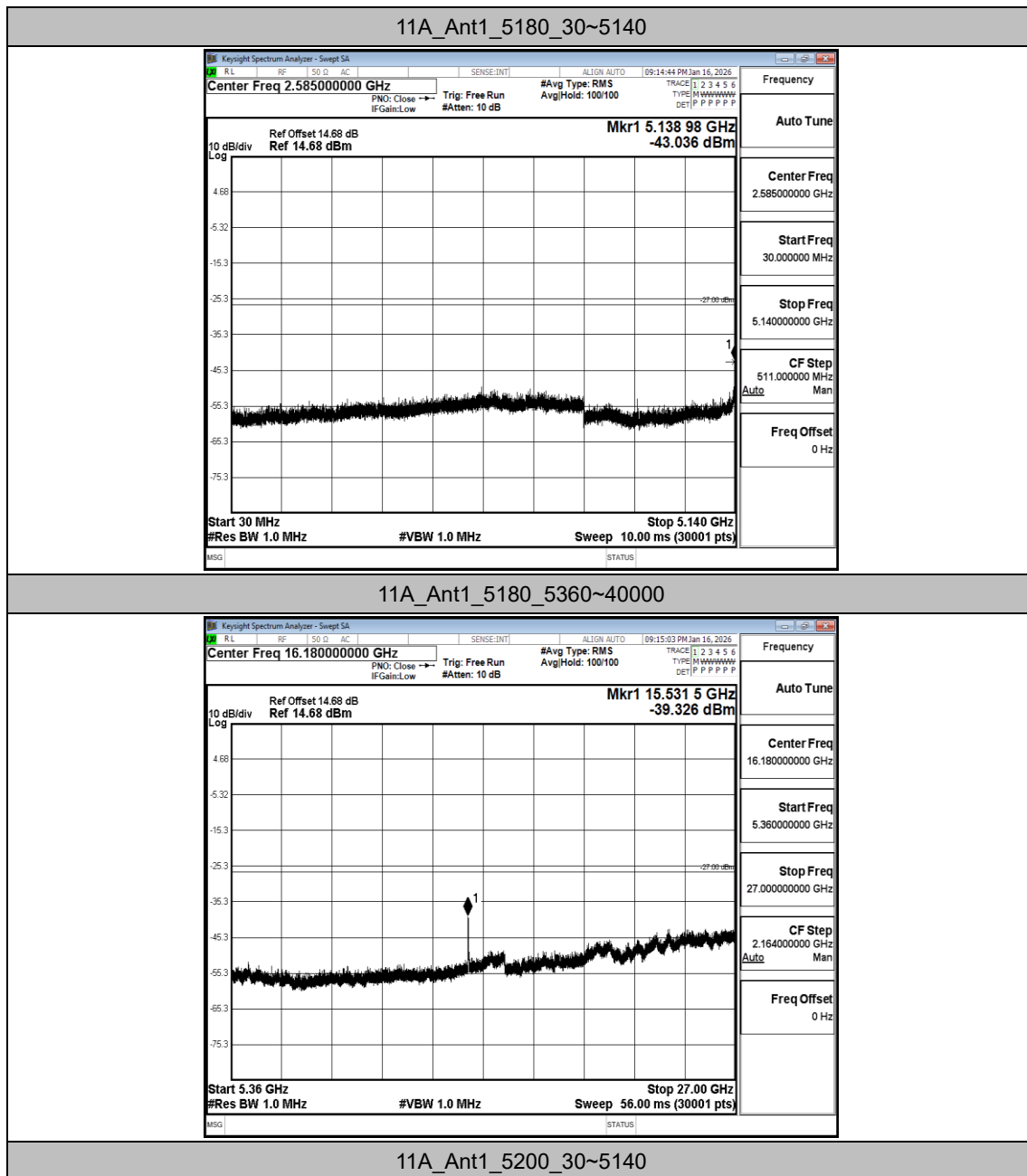


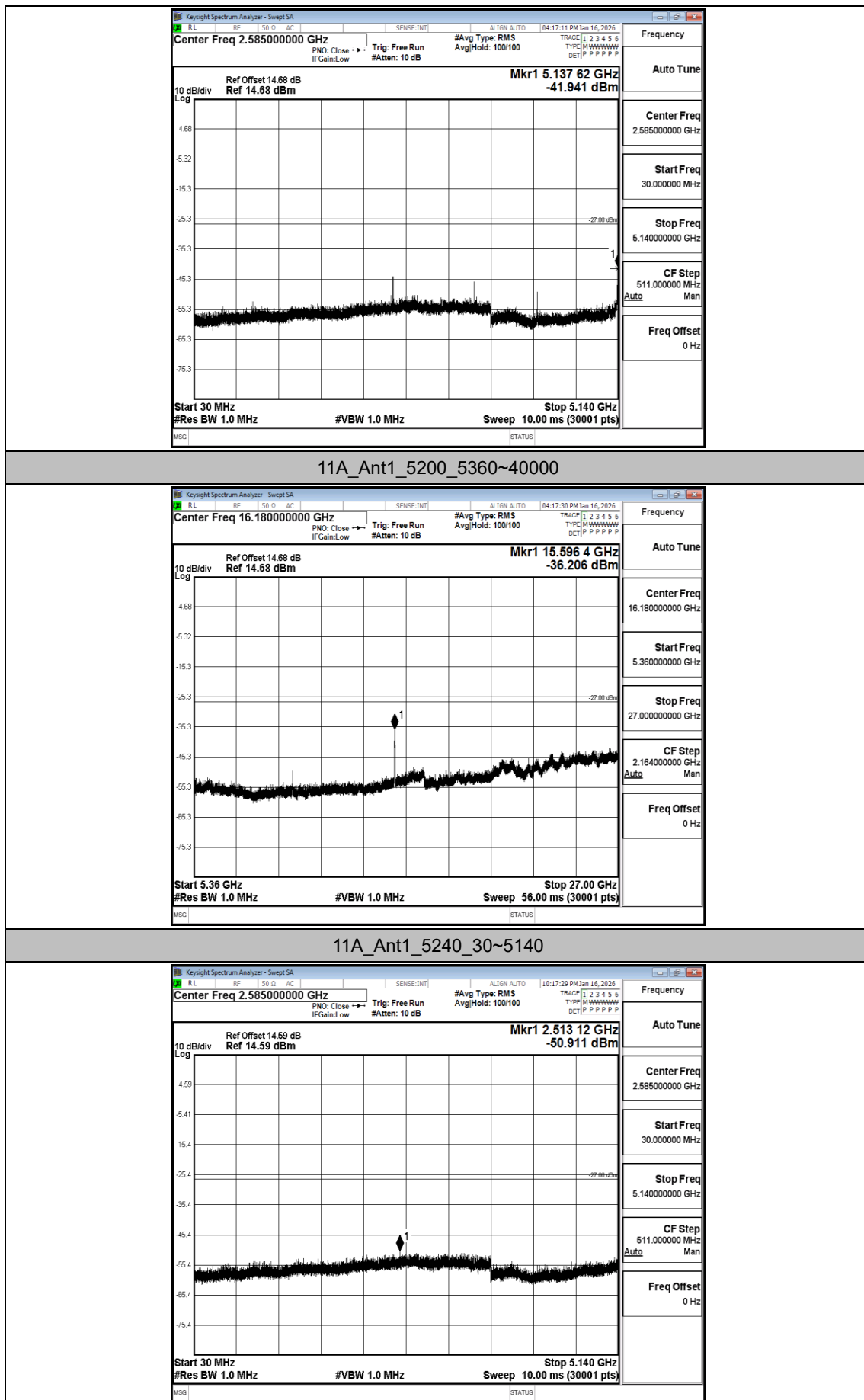
Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq (MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	5138.98	-43.04	≤-27	PASS
			5360~40000	15531.52	-39.33	≤-27	PASS
		5200	30~5140	5137.62	-41.94	≤-27	PASS
			5360~40000	15596.44	-36.21	≤-27	PASS
		5240	30~5140	2513.12	-50.91	≤-27	PASS
			5360~40000	26562.15	-42.07	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	5139.83	-38.75	≤-27	PASS
			5360~40000	15541.62	-39.33	≤-27	PASS
		5200	30~5140	2419.78	-38.73	≤-27	PASS
			5360~40000	15588.51	-36.29	≤-27	PASS
		5240	30~5140	3156.13	-50.93	≤-27	PASS
			5360~40000	26930.03	-42.2	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	5133.02	-42.51	≤-27	PASS
			5360~40000	26867.27	-42.42	≤-27	PASS
		5230	30~5140	3179.63	-51	≤-27	PASS
			5360~40000	26983.41	-42.2	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	5140	-41.23	≤-27	PASS
			5360~40000	15541.62	-38.6	≤-27	PASS
		5200	30~5140	5138.13	-41.26	≤-27	PASS
			5360~40000	15603.65	-36.65	≤-27	PASS
		5240	30~5140	2405.3	-51.05	≤-27	PASS
			5360~40000	26176.24	-42.49	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	5136.59	-41.75	≤-27	PASS
			5360~40000	26856.45	-41.19	≤-27	PASS
		5230	30~5140	3082.03	-51.09	≤-27	PASS
			5360~40000	26996.39	-42.19	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	5132.68	-38.02	≤-27	PASS
			5360~40000	26594.61	-42.34	≤-27	PASS

Test Graphs



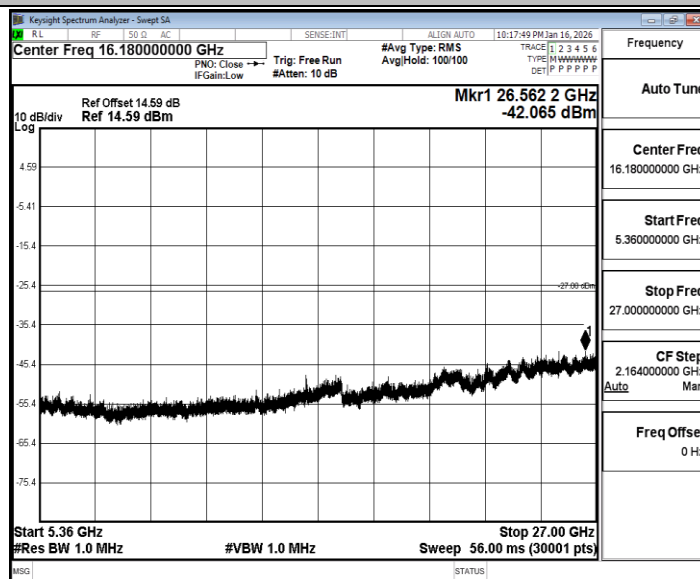


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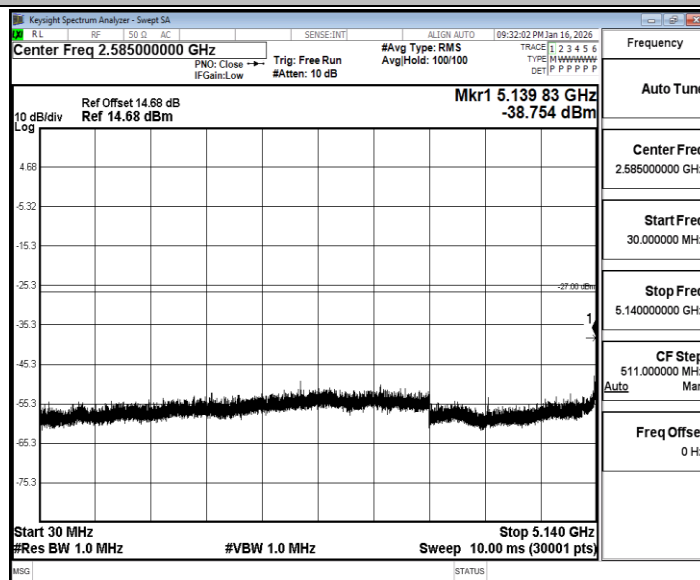
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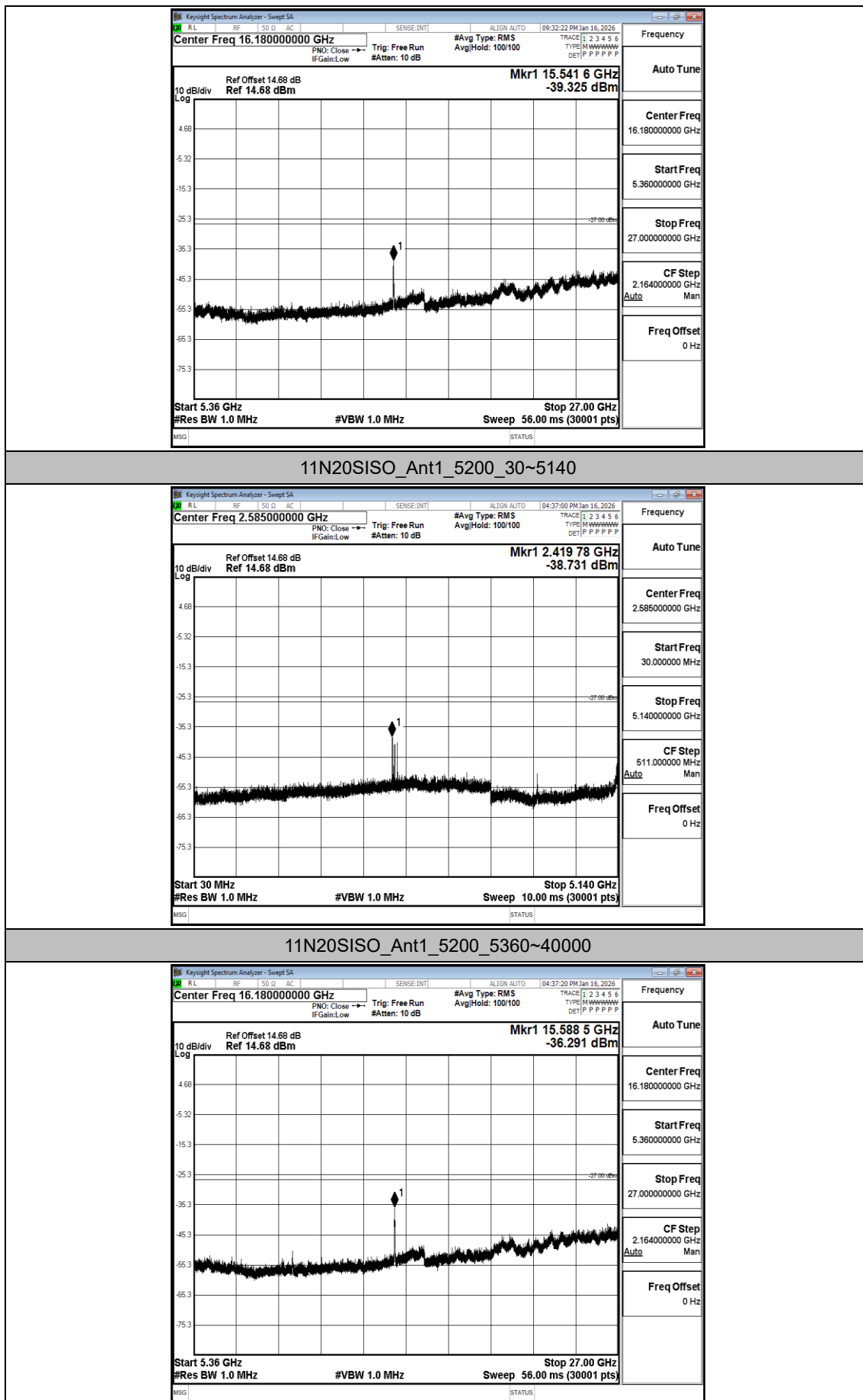
11A_Ant1_5240_5360~40000



11N20SISO_Ant1_5180_30~5140



11N20SISO_Ant1_5180_5360~40000

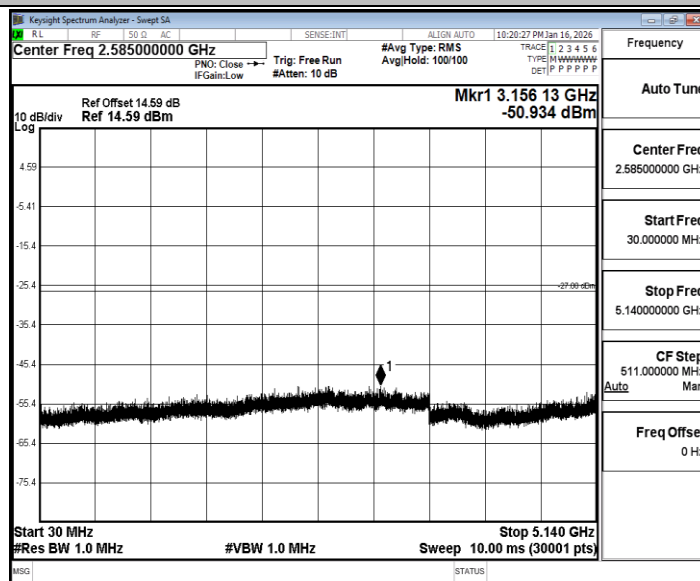


Guangzhou LCS Compliance Testing Laboratory Ltd.

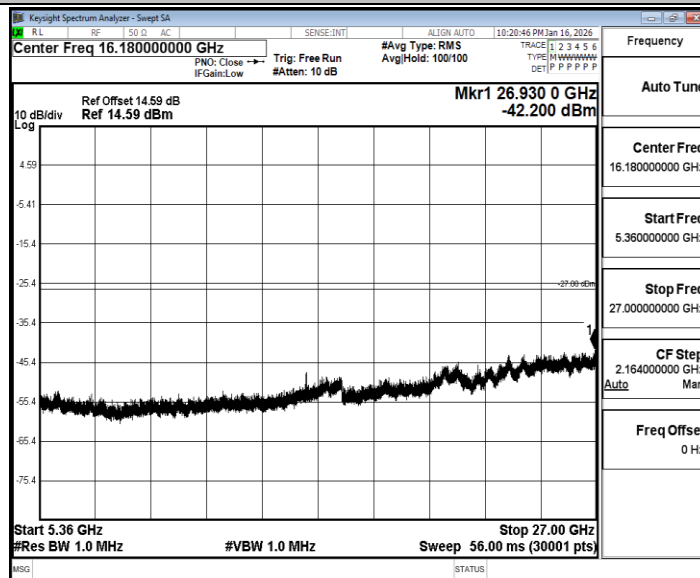
Add: No.44-1, Qianfeng North Road, Shiqi, Panyu District, Guangzhou, Guangdong, China

Tel: +(86) 020-39166689 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

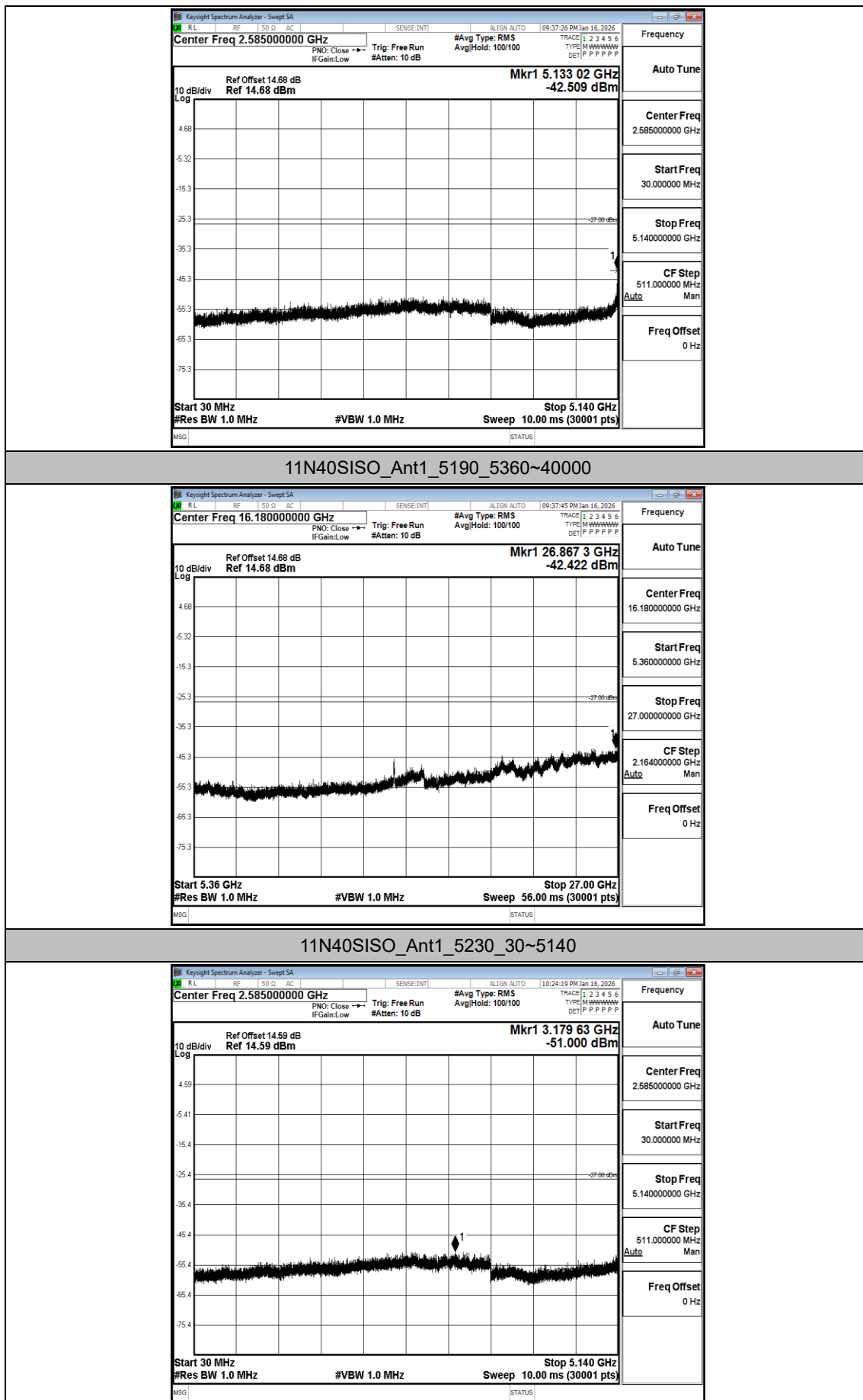
11N20SISO_Ant1_5240_30~5140



11N20SISO_Ant1_5240_5360~40000



11N40SISO_Ant1_5190_30~5140

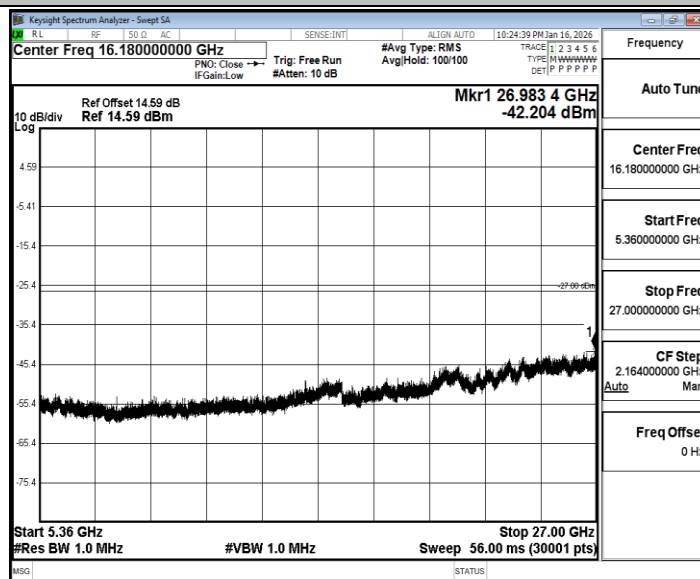


Guangzhou LCS Compliance Testing Laboratory Ltd.

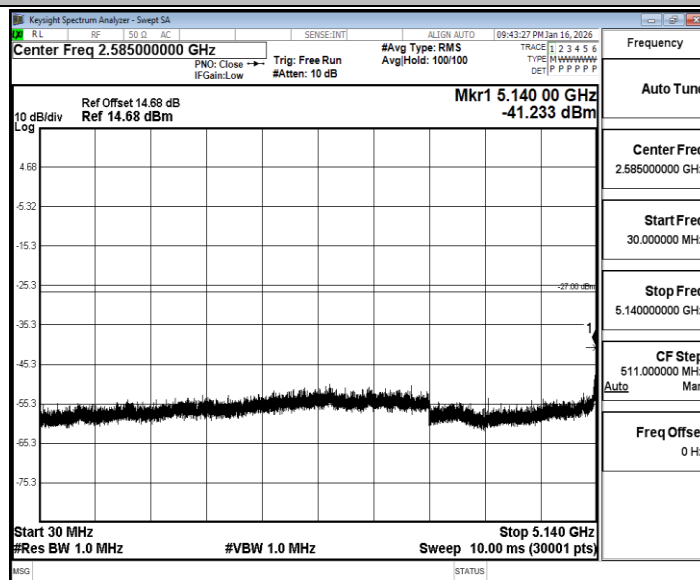
Add: No.44-1, Qianfeng North Road, Shiqi, Panyu District, Guangzhou, Guangdong, China

Tel: +(86) 020-39166689 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

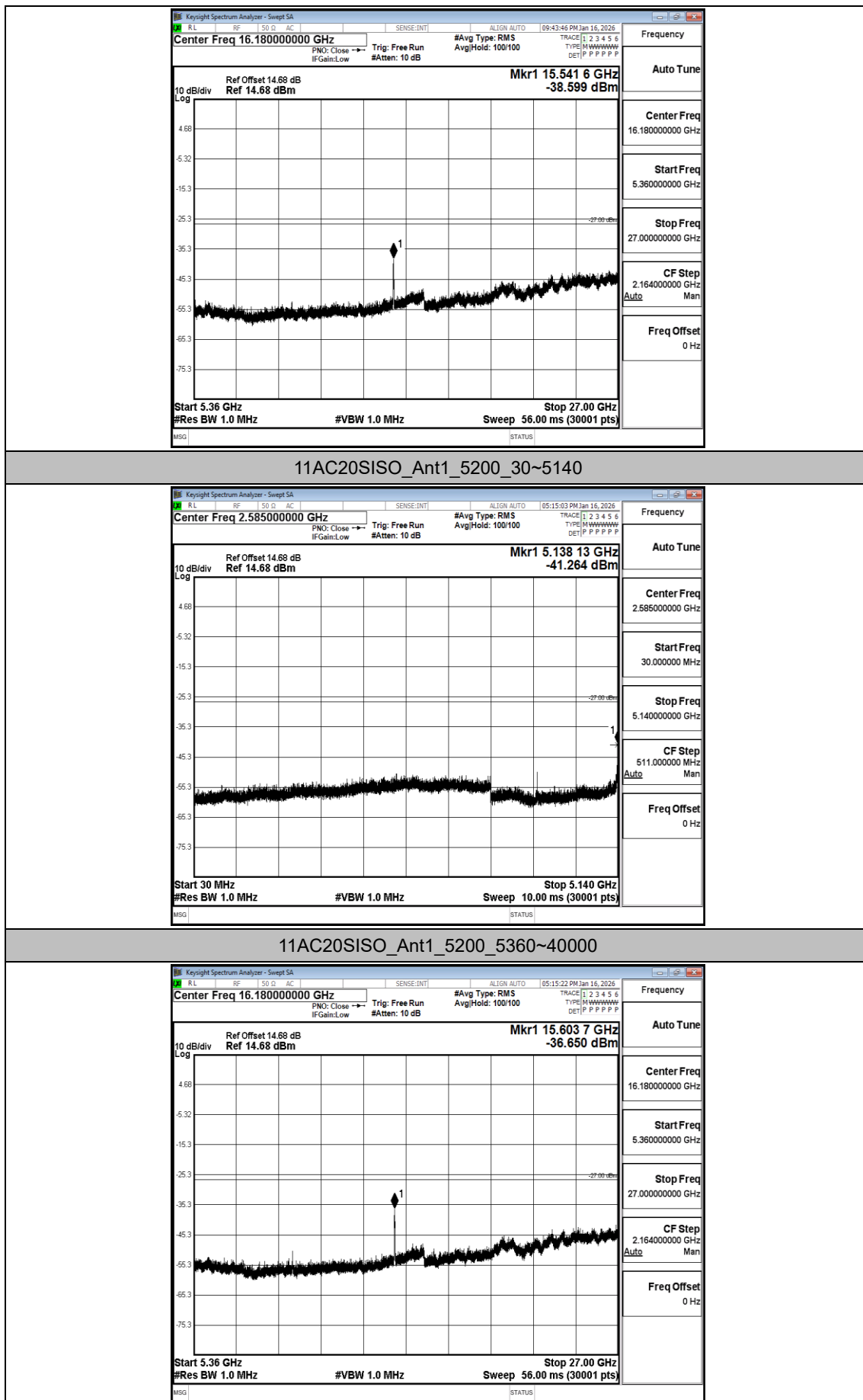
11N40SISO_Ant1_5230_5360~40000



11AC20SISO_Ant1_5180_30~5140



11AC20SISO_Ant1_5180_5360~40000

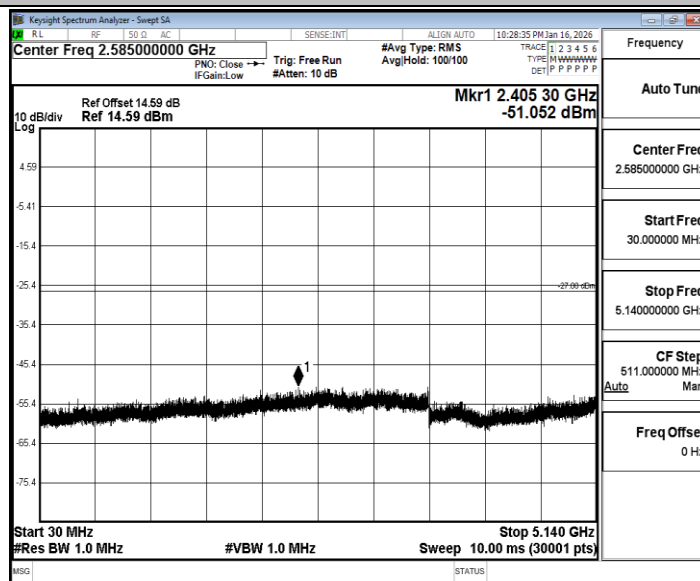


Guangzhou LCS Compliance Testing Laboratory Ltd.

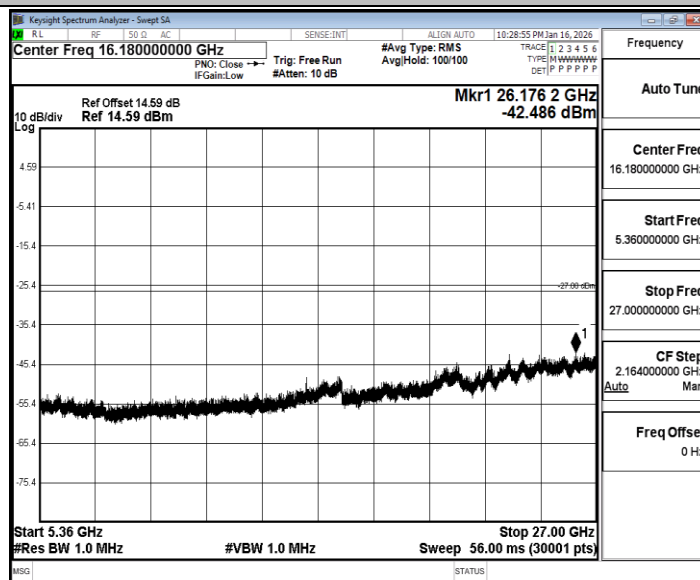
Add: No.44-1, Qianfeng North Road, Shiqi, Panyu District, Guangzhou, Guangdong, China

Tel: +(86) 020-39166689 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

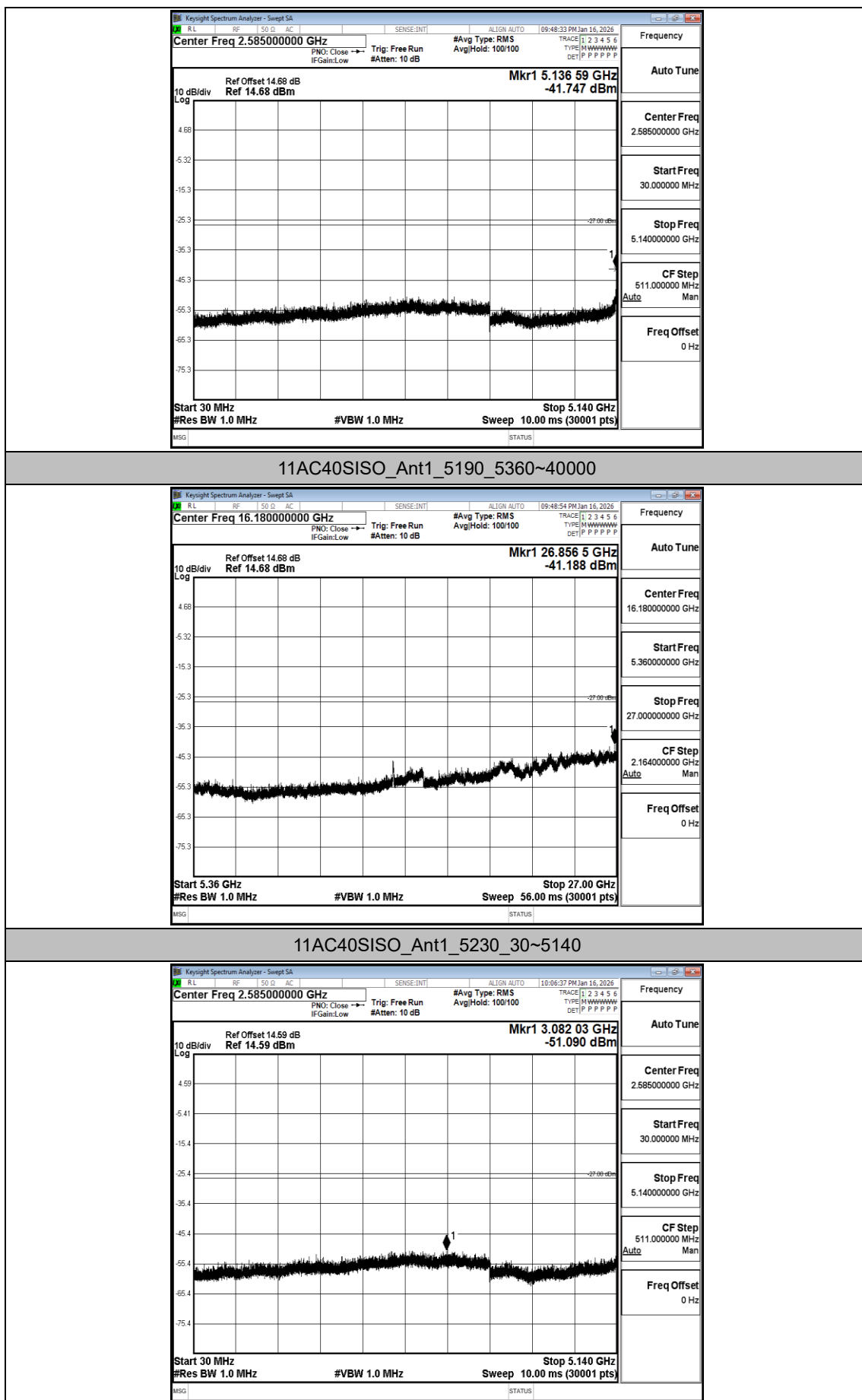
11AC20SISO_Ant1_5240_30~5140



11AC20SISO_Ant1_5240_5360~40000



11AC40SISO_Ant1_5190_30~5140

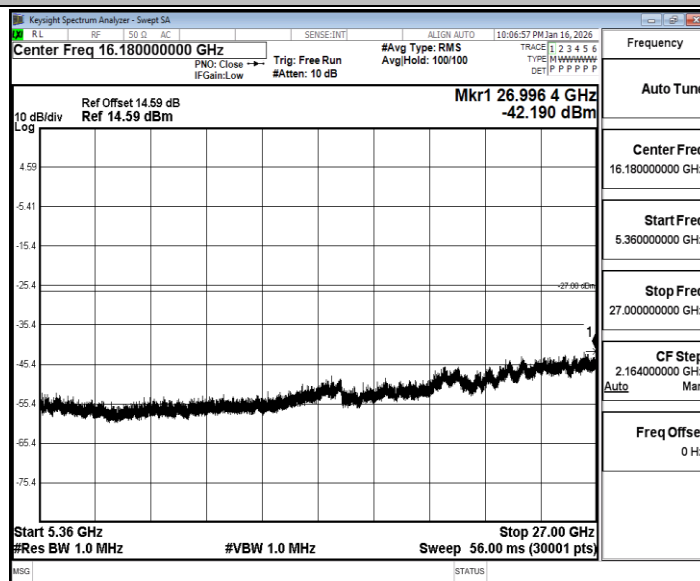


Guangzhou LCS Compliance Testing Laboratory Ltd.

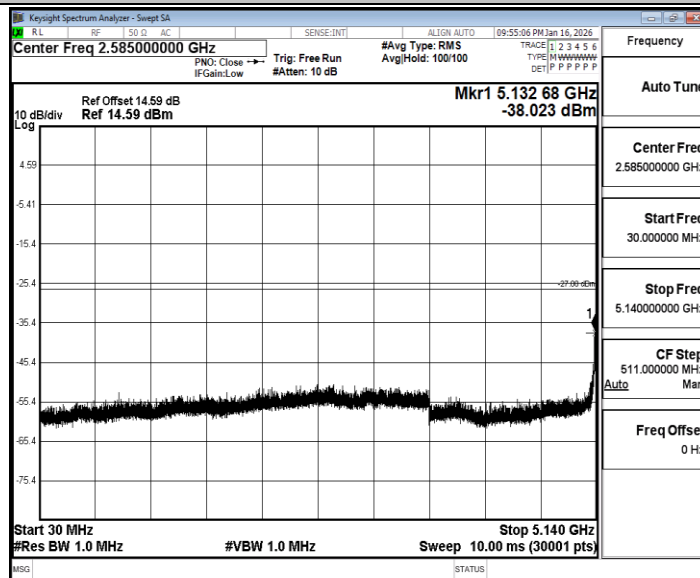
Add: No.44-1, Qianfeng North Road, Shiqi, Panyu District, Guangzhou, Guangdong, China

Tel: +(86) 020-39166689 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

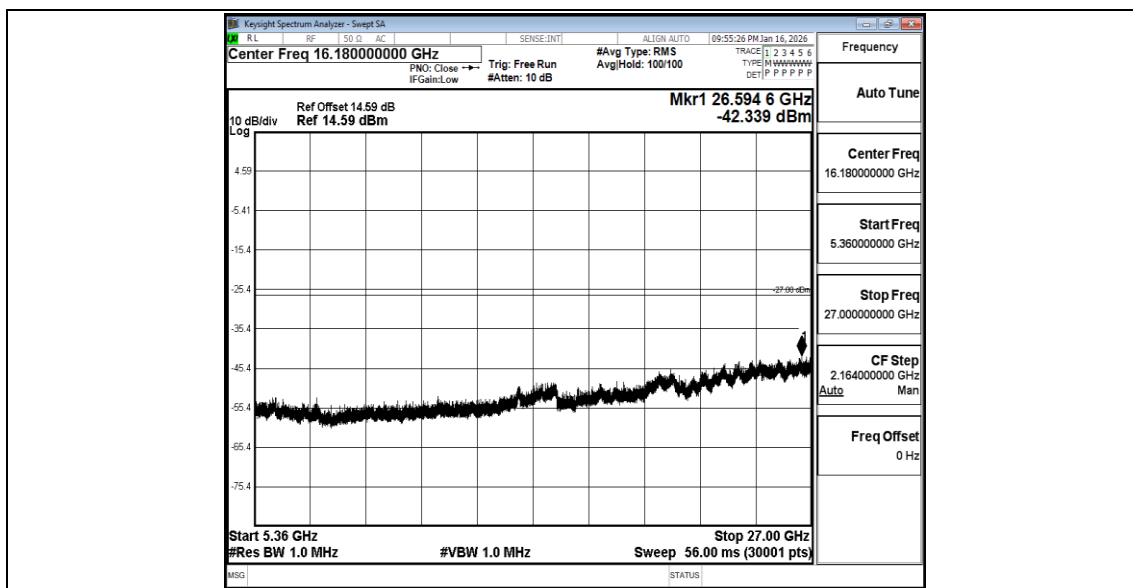
11AC40SISO_Ant1_5230_5360~40000



11AC80SISO_Ant1_5210_30~5140



11AC80SISO_Ant1_5210_5360~40000



B.5 Frequency Stability

Test Result

Voltage								
TestMode	Antenna	Freq (MHz)	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	-20000.00	-3.861004	20	PASS
			LV	NT	-20000.00	-3.861004	20	PASS
			HV	NT	-40000.00	-7.722008	20	PASS
		5200	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-20000.00	-3.846154	20	PASS
			HV	NT	-20000.00	-3.846154	20	PASS
		5240	NV	NT	-40000.00	-7.633588	20	PASS
			LV	NT	-40000.00	-7.633588	20	PASS
			HV	NT	-20000.00	-3.816794	20	PASS
11N20SI SO	Ant1	5180	NV	NT	-40000.00	-7.722008	20	PASS
			LV	NT	-20000.00	-3.861004	20	PASS
			HV	NT	-60000.00	-11.583012	20	PASS
		5200	NV	NT	-20000.00	-3.846154	20	PASS
			LV	NT	-20000.00	-3.846154	20	PASS
			HV	NT	-20000.00	-3.846154	20	PASS
		5240	NV	NT	-40000.00	-7.633588	20	PASS
			LV	NT	-20000.00	-3.816794	20	PASS
			HV	NT	-20000.00	-3.816794	20	PASS
11N40SI SO	Ant1	5190	NV	NT	-80000.00	-15.414258	20	PASS
			LV	NT	-40000.00	-7.707129	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5230	NV	NT	-40000.00	-7.648184	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
11AC20S ISO	Ant1	5180	NV	NT	-20000.00	-3.861004	20	PASS
			LV	NT	-20000.00	-3.861004	20	PASS
			HV	NT	-20000.00	-3.861004	20	PASS
		5200	NV	NT	-40000.00	-7.692308	20	PASS
			LV	NT	-40000.00	-7.692308	20	PASS
			HV	NT	-40000.00	-7.692308	20	PASS
		5240	NV	NT	-20000.00	-3.816794	20	PASS
			LV	NT	-20000.00	-3.816794	20	PASS
			HV	NT	-20000.00	-3.816794	20	PASS
11AC40S ISO	Ant1	5190	NV	NT	-40000.00	-7.707129	20	PASS
			LV	NT	-40000.00	-7.707129	20	PASS
			HV	NT	-40000.00	-7.707129	20	PASS

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		5230	NV	NT	0.00	0.000000	20	PASS
			LV	NT	40000.00	7.648184	20	PASS
			HV	NT	-40000.00	-7.648184	20	PASS
11AC80S ISO	Ant1	5210	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	80000.00	15.355086	20	PASS

Temperature								
TestMode	Antenna	Freq (MHz)	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	-60000.00	-11.583012	20	PASS
			NV	-20	-20000.00	-3.861004	20	PASS
			NV	-10	-20000.00	-3.861004	20	PASS
			NV	0	-40000.00	-7.722008	20	PASS
			NV	10	-40000.00	-7.722008	20	PASS
			NV	20	-60000.00	-11.583012	20	PASS
			NV	30	-40000.00	-7.722008	20	PASS
			NV	40	-20000.00	-3.861004	20	PASS
		5200	NV	50	-20000.00	-3.861004	20	PASS
			NV	-30	-20000.00	-3.846154	20	PASS
			NV	-20	-40000.00	-7.692308	20	PASS
			NV	-10	-20000.00	-3.846154	20	PASS
			NV	0	-20000.00	-3.846154	20	PASS
			NV	10	-20000.00	-3.846154	20	PASS
			NV	20	-20000.00	-3.846154	20	PASS
			NV	30	-40000.00	-7.692308	20	PASS
			NV	40	-20000.00	-3.846154	20	PASS
		5240	NV	50	-40000.00	-7.692308	20	PASS
			NV	-30	-20000.00	-3.816794	20	PASS
			NV	-20	-60000.00	-11.450382	20	PASS
			NV	-10	-20000.00	-3.816794	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-40000.00	-7.633588	20	PASS
			NV	20	-40000.00	-7.633588	20	PASS
			NV	30	-20000.00	-3.816794	20	PASS
			NV	40	-20000.00	-3.816794	20	PASS
			NV	50	-20000.00	-3.816794	20	PASS
11N20SI SO	Ant1	5180	NV	-30	-40000.00	-7.722008	20	PASS
			NV	-20	-60000.00	-11.583012	20	PASS
			NV	-10	-40000.00	-7.722008	20	PASS
			NV	0	-40000.00	-7.722008	20	PASS
			NV	10	-40000.00	-7.722008	20	PASS

			NV	20	-20000.00	-3.861004	20	PASS
			NV	30	-60000.00	-11.583012	20	PASS
			NV	40	-20000.00	-3.861004	20	PASS
			NV	50	-20000.00	-3.861004	20	PASS
		5200	NV	-30	-20000.00	-3.846154	20	PASS
			NV	-20	-40000.00	-7.692308	20	PASS
			NV	-10	-20000.00	-3.846154	20	PASS
			NV	0	-20000.00	-3.846154	20	PASS
			NV	10	-20000.00	-3.846154	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-20000.00	-3.846154	20	PASS
			NV	40	-40000.00	-7.692308	20	PASS
			NV	50	-20000.00	-3.846154	20	PASS
		5240	NV	-30	-20000.00	-3.816794	20	PASS
			NV	-20	-20000.00	-3.816794	20	PASS
			NV	-10	-20000.00	-3.816794	20	PASS
			NV	0	-20000.00	-3.816794	20	PASS
			NV	10	-40000.00	-7.633588	20	PASS
			NV	20	-20000.00	-3.816794	20	PASS
			NV	30	-20000.00	-3.816794	20	PASS
			NV	40	-20000.00	-3.816794	20	PASS
			NV	50	-40000.00	-7.633588	20	PASS
11N40SI SO	Ant1	5190	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-40000.00	-7.707129	20	PASS
			NV	10	-40000.00	-7.707129	20	PASS
			NV	20	-40000.00	-7.707129	20	PASS
			NV	30	-40000.00	-7.707129	20	PASS
			NV	40	-40000.00	-7.707129	20	PASS
			NV	50	-40000.00	-7.707129	20	PASS
		5230	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-40000.00	-7.648184	20	PASS
			NV	0	-40000.00	-7.648184	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-40000.00	-7.648184	20	PASS
			NV	40	40000.00	7.648184	20	PASS
			NV	50	-40000.00	-7.648184	20	PASS
11AC20S ISO	Ant1	5180	NV	-30	-20000.00	-3.861004	20	PASS
			NV	-20	-40000.00	-7.722008	20	PASS

			NV	-10	-40000.00	-7.722008	20	PASS
			NV	0	-20000.00	-3.861004	20	PASS
			NV	10	-20000.00	-3.861004	20	PASS
			NV	20	-20000.00	-3.861004	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-40000.00	-7.722008	20	PASS
		5200	NV	-30	-20000.00	-3.846154	20	PASS
			NV	-20	-40000.00	-7.692308	20	PASS
			NV	-10	-40000.00	-7.692308	20	PASS
			NV	0	-20000.00	-3.846154	20	PASS
			NV	10	-40000.00	-7.692308	20	PASS
			NV	20	-20000.00	-3.846154	20	PASS
			NV	30	-40000.00	-7.692308	20	PASS
			NV	40	-40000.00	-7.692308	20	PASS
			NV	50	-20000.00	-3.846154	20	PASS
		5240	NV	-30	-40000.00	-7.633588	20	PASS
			NV	-20	-40000.00	-7.633588	20	PASS
			NV	-10	-40000.00	-7.633588	20	PASS
			NV	0	-60000.00	-11.450382	20	PASS
			NV	10	-40000.00	-7.633588	20	PASS
			NV	20	-20000.00	-3.816794	20	PASS
			NV	30	-40000.00	-7.633588	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-40000.00	-7.633588	20	PASS
11AC40S ISO	Ant1	5190	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-40000.00	-7.707129	20	PASS
			NV	10	-40000.00	-7.707129	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-40000.00	-7.707129	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-40000.00	-7.707129	20	PASS
		5230	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-40000.00	-7.648184	20	PASS
			NV	10	-40000.00	-7.648184	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS

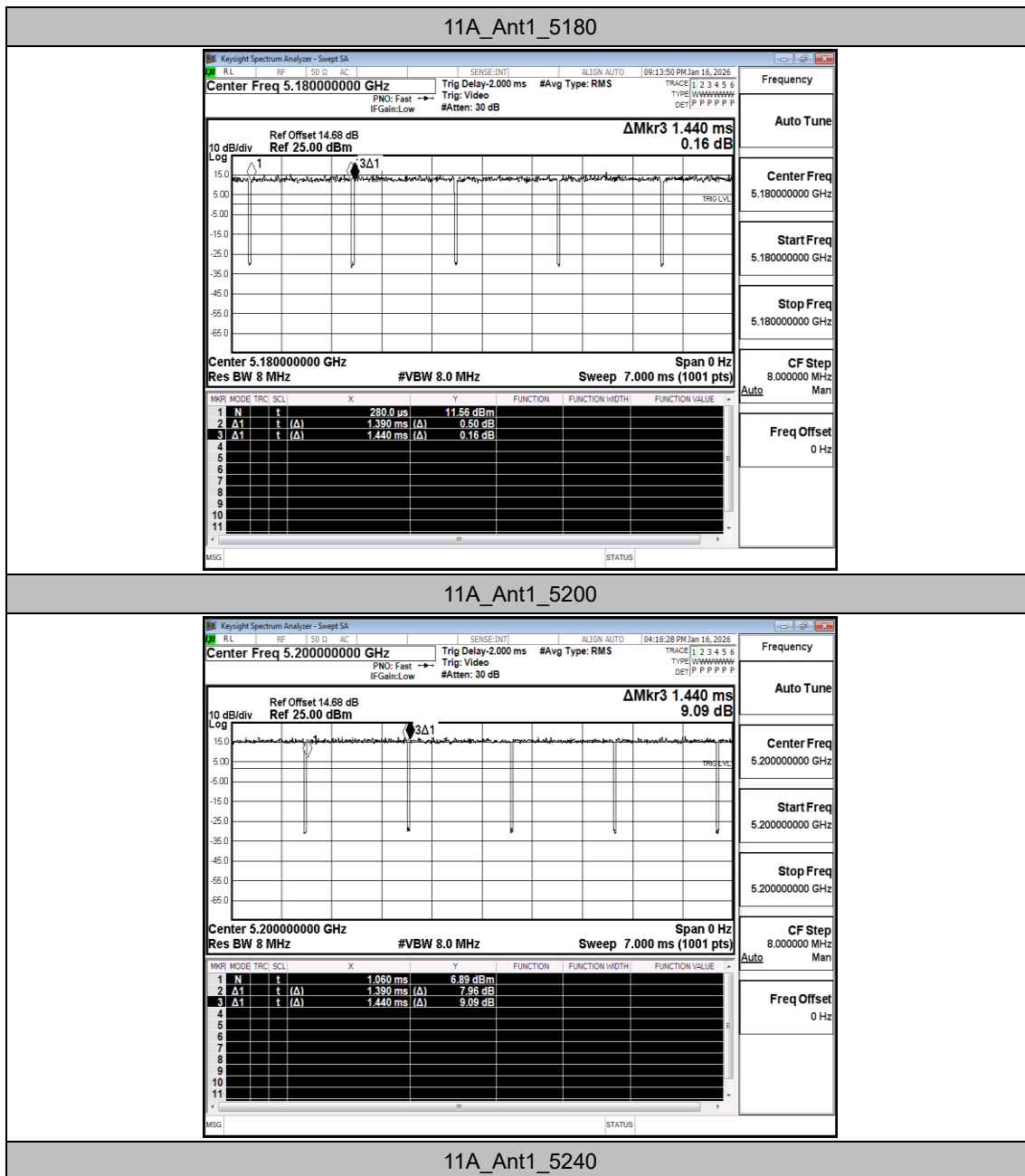
			NV	50	-40000.00	-7.648184	20	PASS
11AC80S ISO	Ant1	5210	NV	-30	0.00	0.000000	20	PASS
			NV	-20	80000.00	15.355086	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	80000.00	15.355086	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	80000.00	15.355086	20	PASS
			NV	50	0.00	0.000000	20	PASS

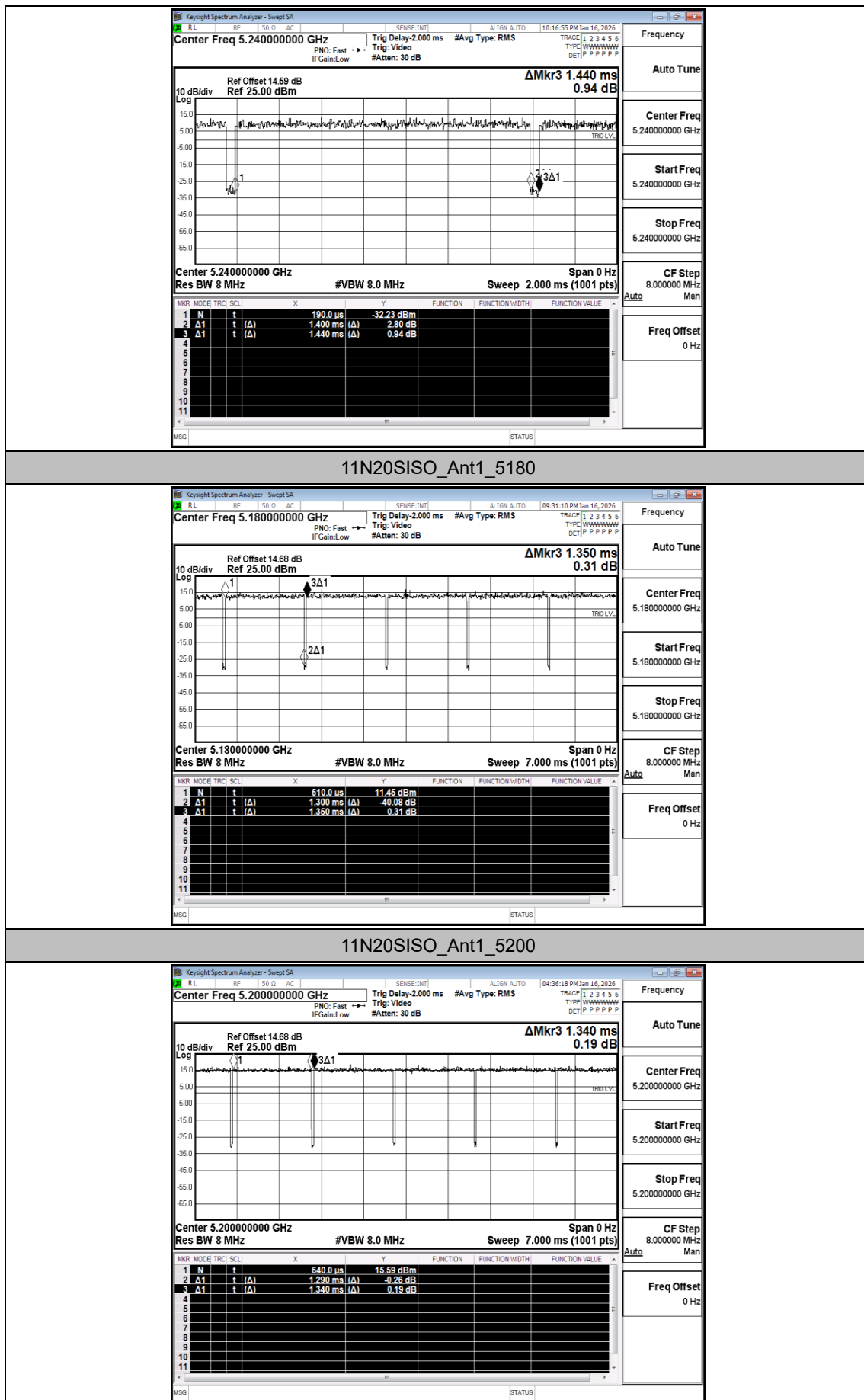
B.6 Duty Cycle

Test Result

TestMode	Antenna	Freq (MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factor	Limit	Verdict
11A	Ant1	5180	1.39	1.44	96.53	0.15	---	---
		5200	1.39	1.44	96.53	0.15	---	---
		5240	1.40	1.44	97.22	0.12	---	---
11N20SISO	Ant1	5180	1.30	1.35	96.30	0.16	---	---
		5200	1.29	1.34	96.27	0.17	---	---
		5240	1.30	1.35	96.30	0.16	---	---
11N40SISO	Ant1	5190	0.65	0.69	94.20	0.26	---	---
		5230	0.64	0.69	92.75	0.33	---	---
11AC20SISO	Ant1	5180	1.31	1.36	96.32	0.16	---	---
		5200	1.32	1.36	97.06	0.13	---	---
		5240	1.31	1.35	97.04	0.13	---	---
11AC40SISO	Ant1	5190	0.65	0.70	92.86	0.32	---	---
		5230	0.65	0.69	94.20	0.26	---	---
11AC80SISO	Ant1	5210	0.32	0.37	86.49	0.63	---	---

Test Graphs



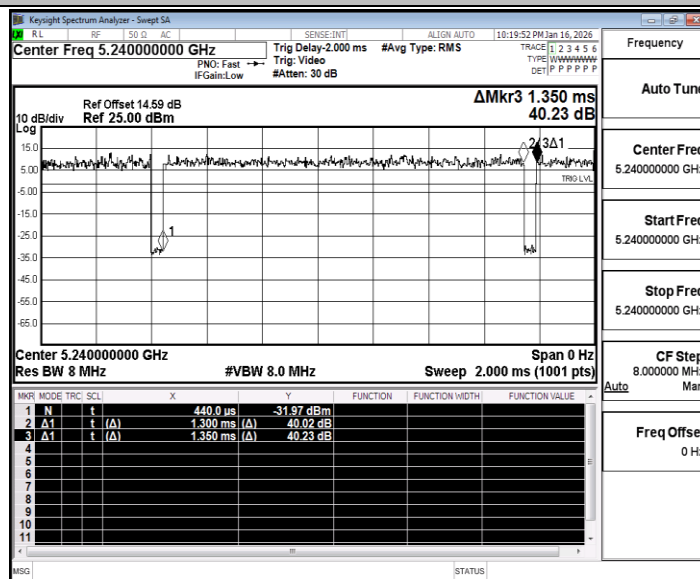


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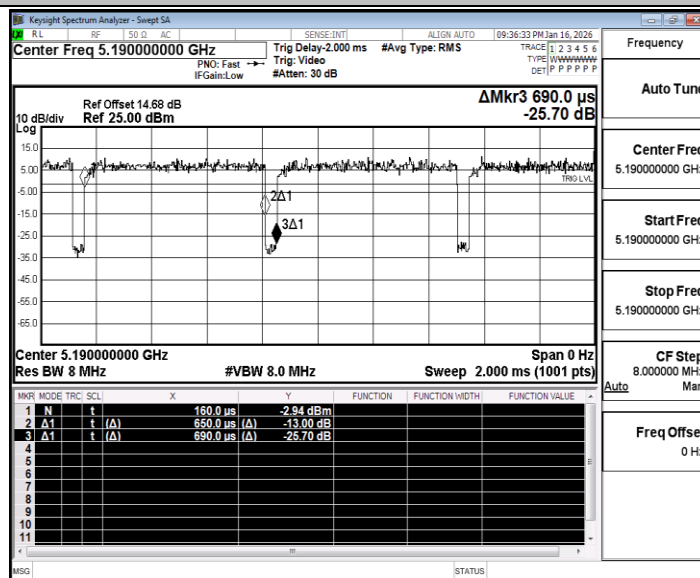
Add: No.44-1, Qianfeng North Road, Shiqi, Panyu District, Guangzhou, Guangdong, China

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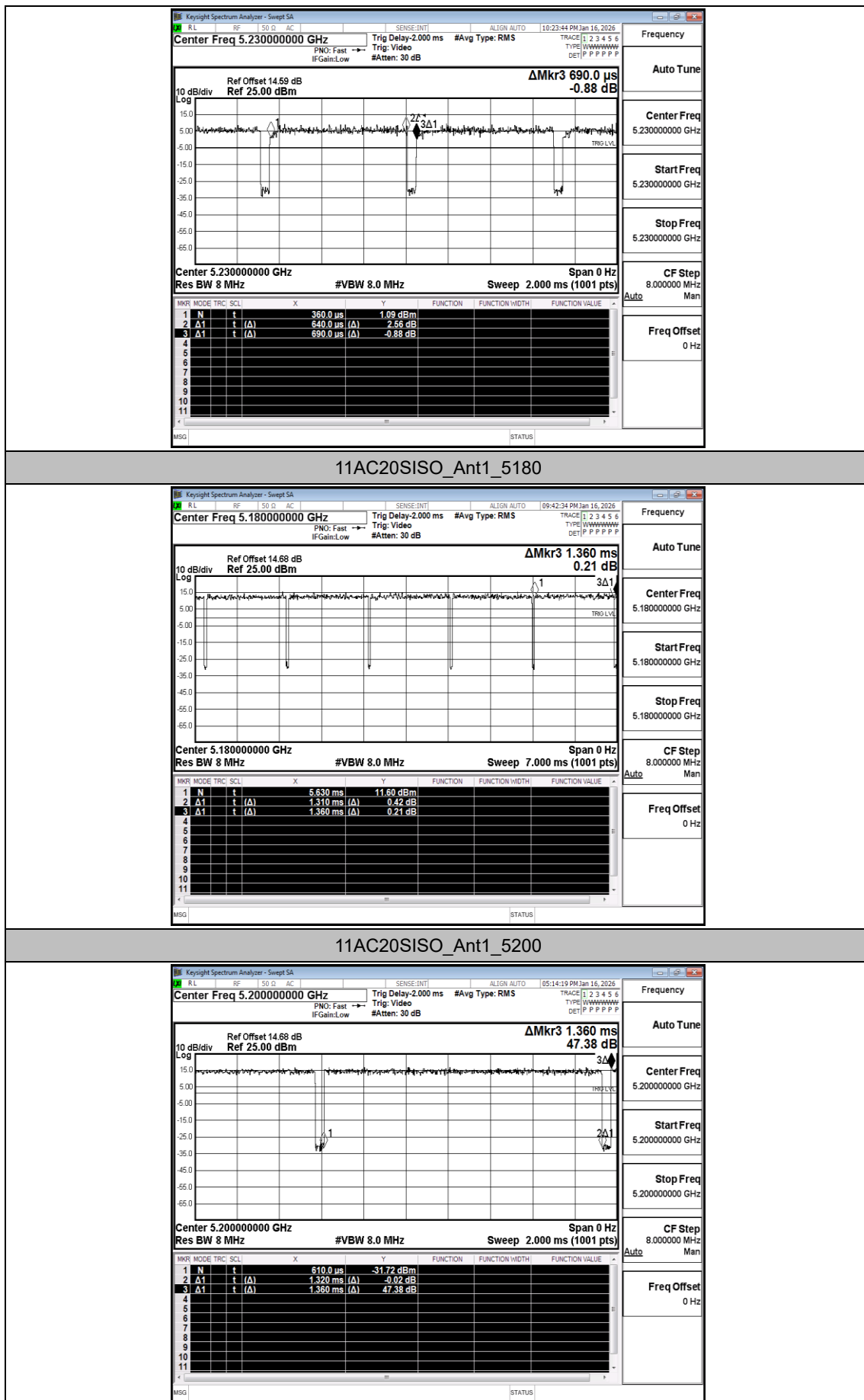
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11N40SISO_Ant1_5190



11N40SISO_Ant1_5230

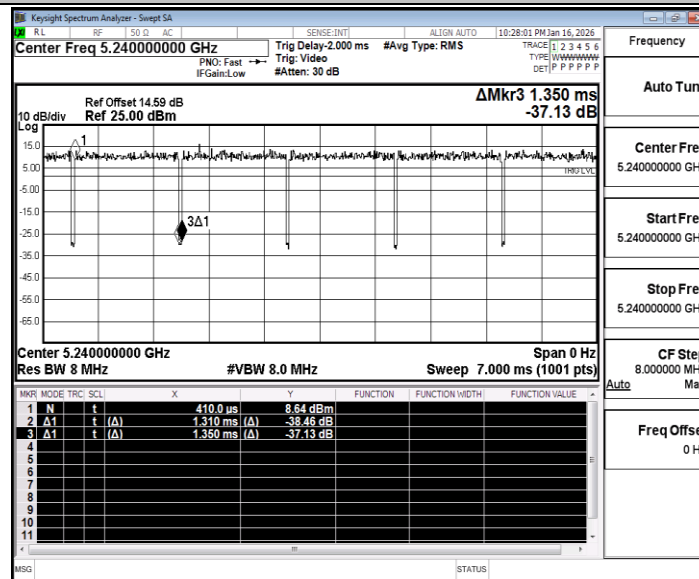


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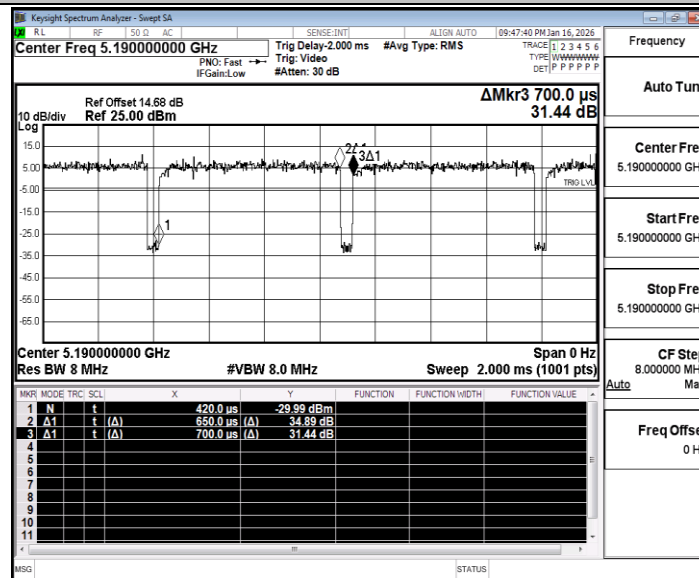
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11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230

