



Appendix D

RF Test Data for 5.2G WIFI (Conducted Measurement)

Product Name: Tablet PC

Test Model: IX90_CQA1103

Environmental Conditions

Temperature:	23.8 ° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	Li Huan





D.1 Emission Bandwidth

Test Result

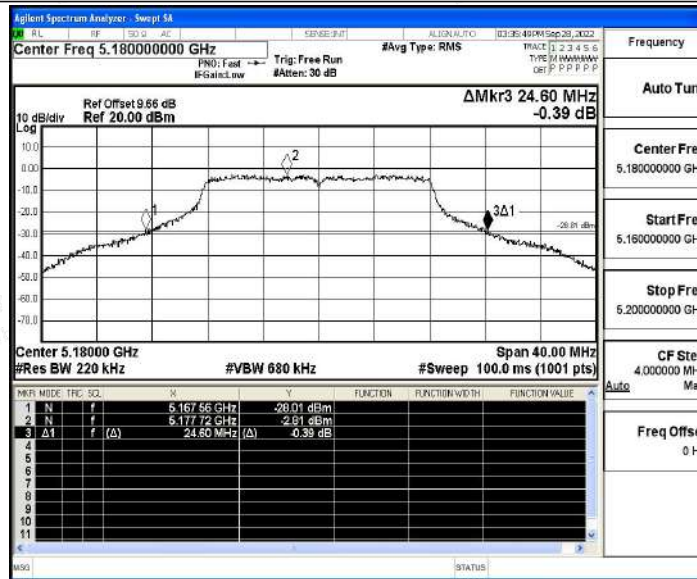
TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	24.600	5167.560	5192.160	---	---
		5220	24.480	5207.520	5232.000	---	---
		5240	24.120	5227.640	5251.760	---	---
11N20SISO	Ant1	5180	25.680	5166.920	5192.600	---	---
		5220	25.680	5207.120	5232.800	---	---
		5240	25.560	5227.000	5252.560	---	---
11N40SISO	Ant1	5190	48.240	5166.160	5214.400	---	---
		5230	48.320	5205.760	5254.080	---	---
11AC20SISO	Ant1	5180	25.560	5167.440	5193.000	---	---
		5220	25.720	5207.160	5232.880	---	---
		5240	26.000	5226.880	5252.880	---	---
11AC40SISO	Ant1	5190	46.080	5166.960	5213.040	---	---
		5230	47.040	5206.400	5253.440	---	---
11AX20SISO	Ant1	5180	24.840	5167.480	5192.320	---	---
		5220	24.79	5207.605	5212.395	---	---
		5240	24.800	5227.360	5252.160	---	---
11AX40SISO	Ant1	5190	44.240	5168.000	5212.240	---	---
		5230	44.960	5207.600	5252.560	---	---



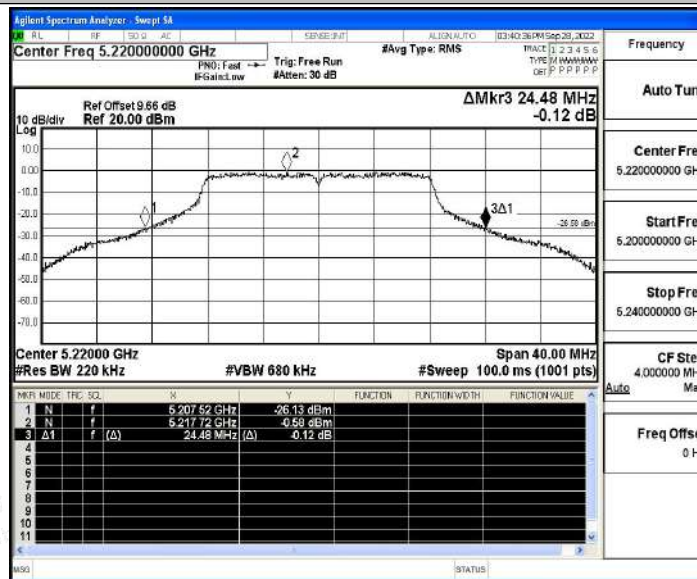


Test Graphs

11A_Ant1_5180

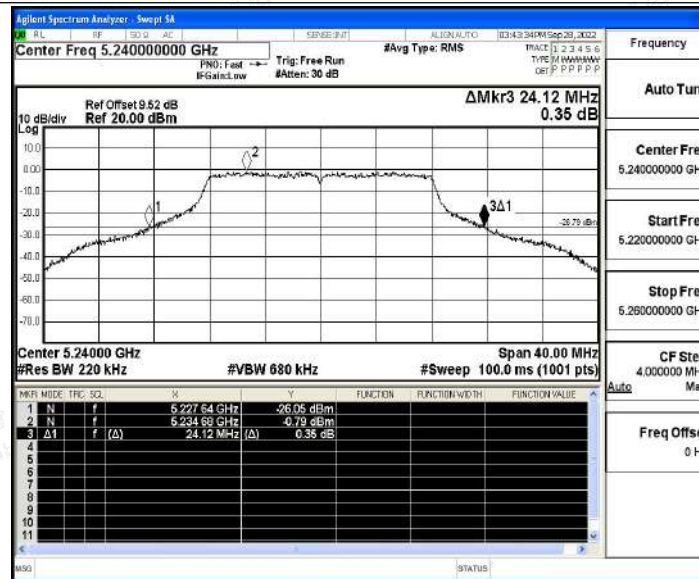


11A_Ant1_5220

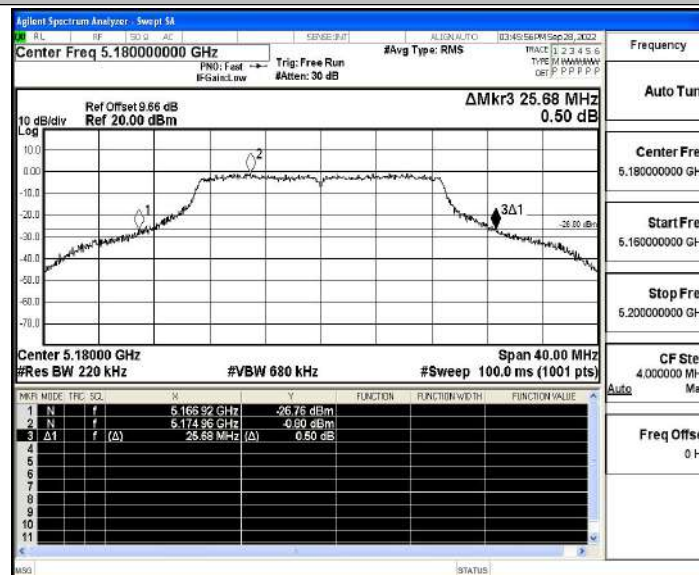


11A_Ant1_5240



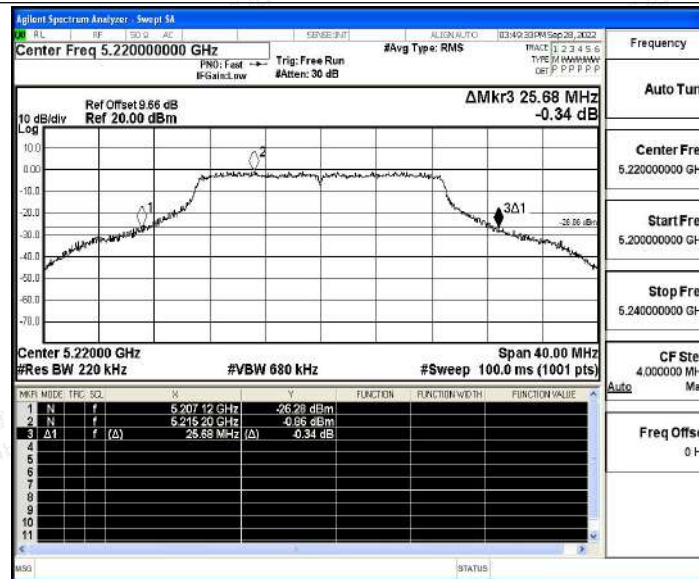


11N20SISO_Ant1_5180

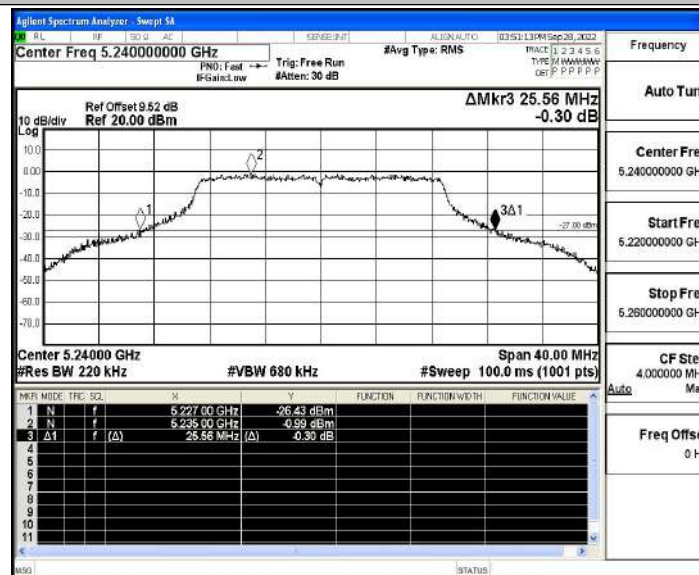


11N20SISO_Ant1_5220



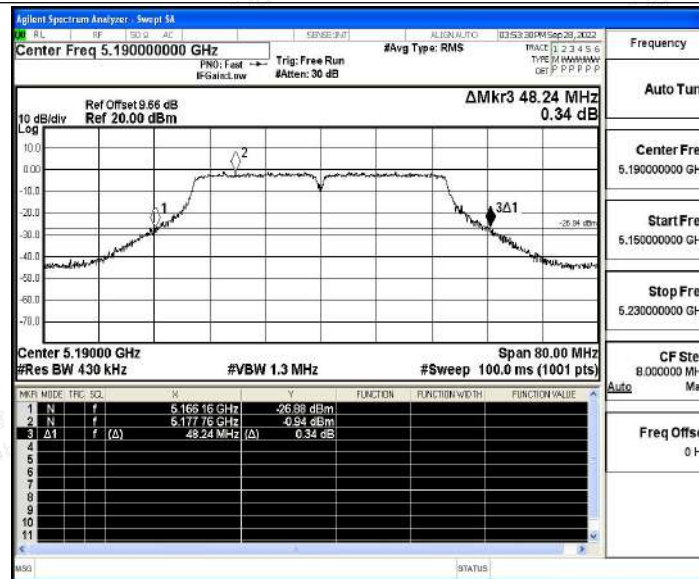


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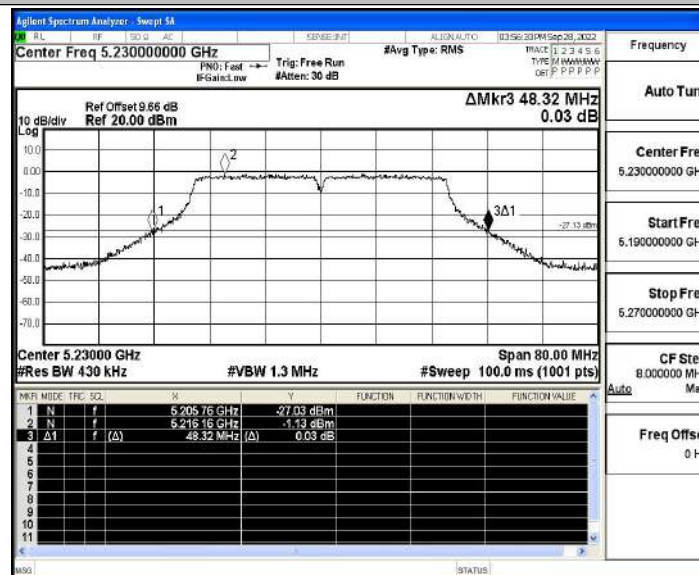


11N40SISO_Ant1_5190



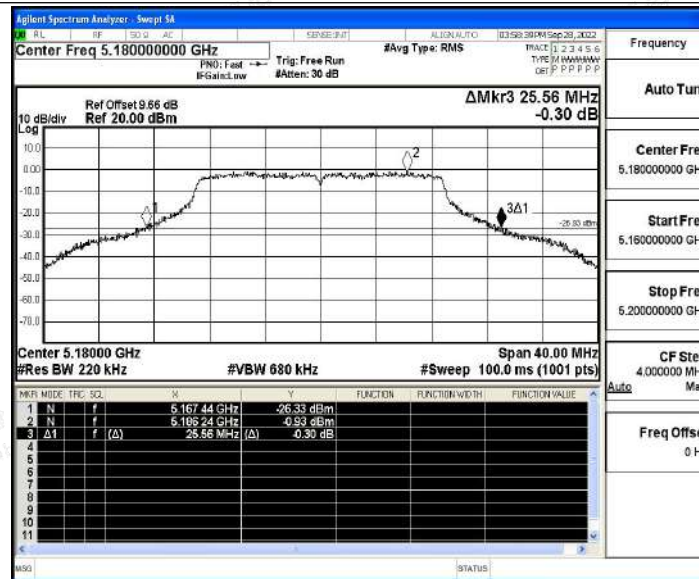


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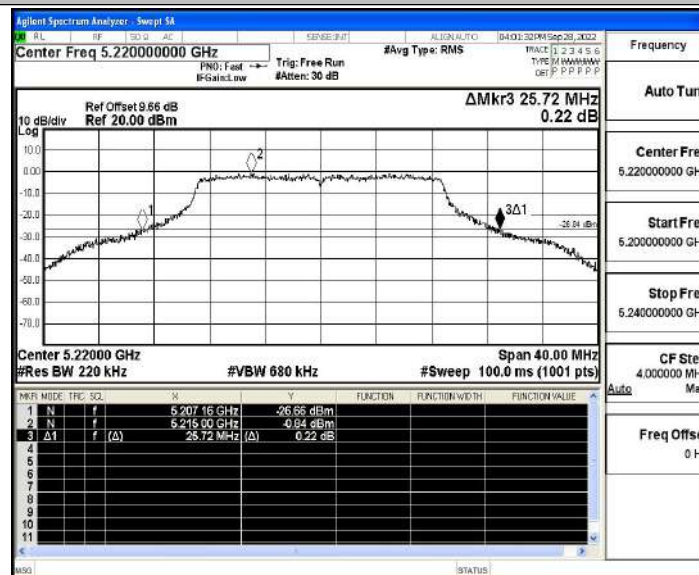


11AC20SISO_Ant1_5180



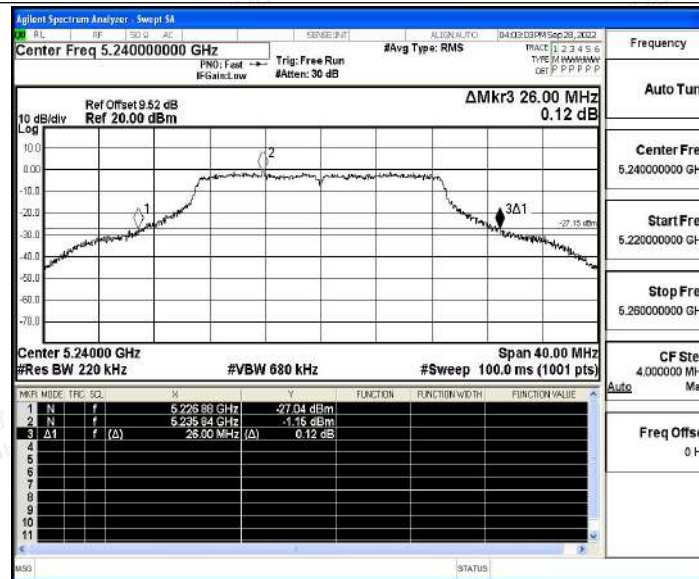


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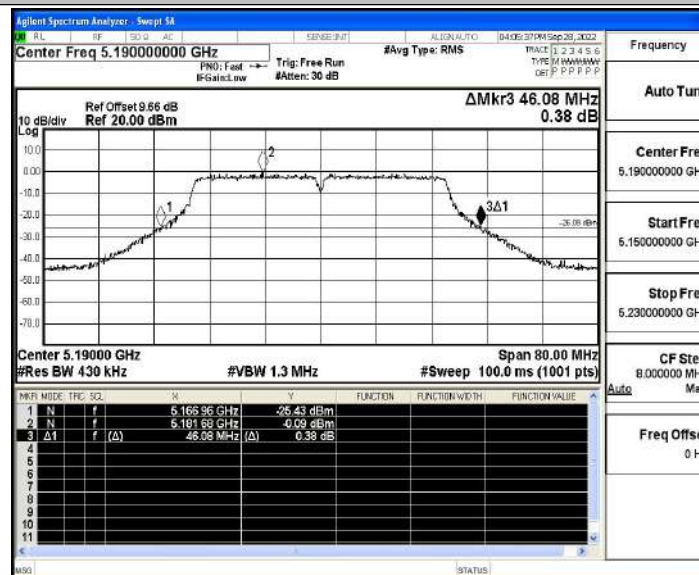


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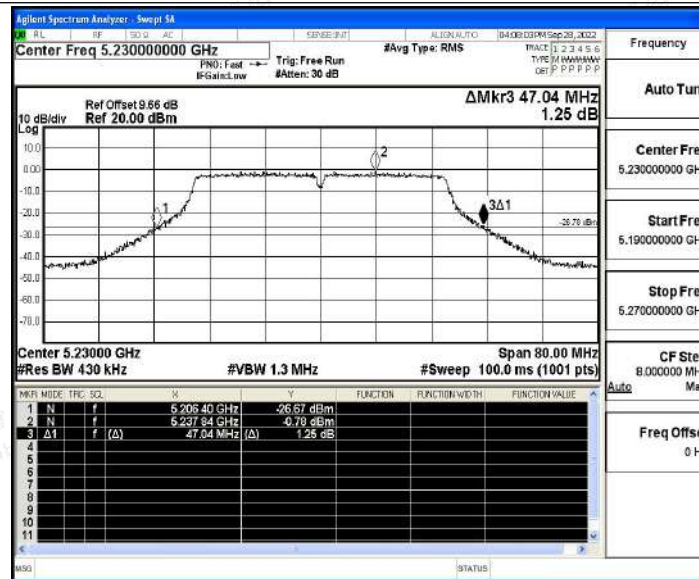


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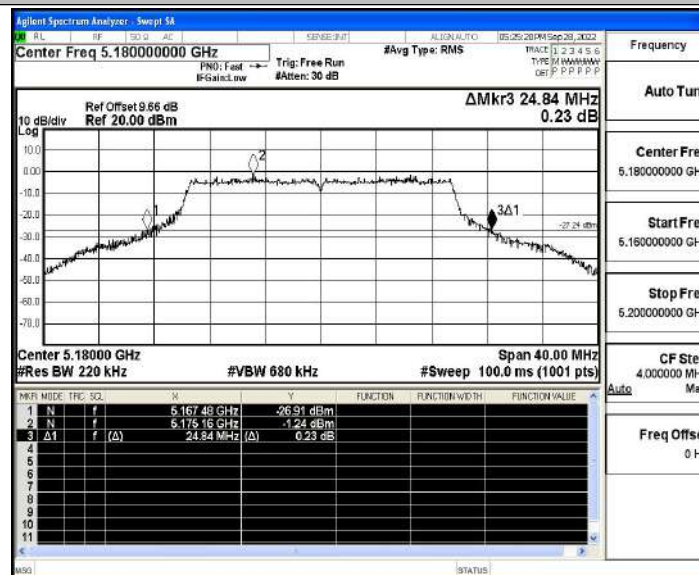


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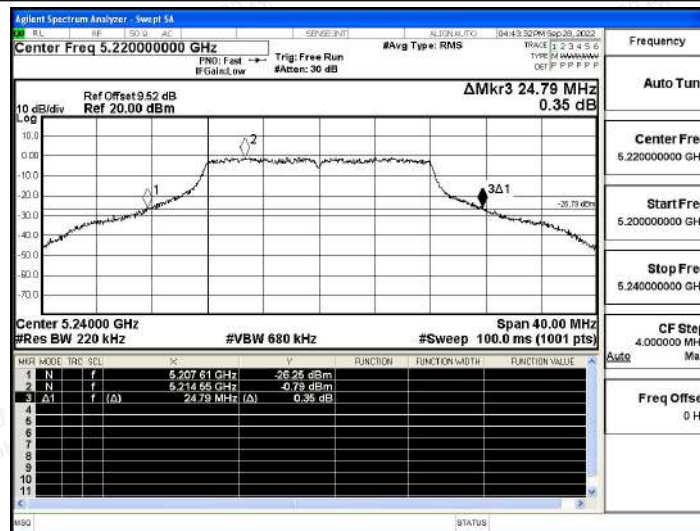


11AX20SISO_Ant1_5180

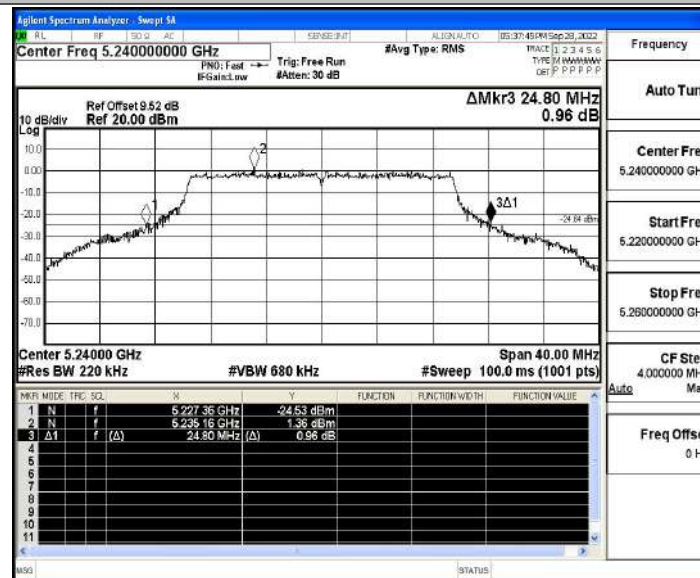


11AX20SISO_Ant1_5220



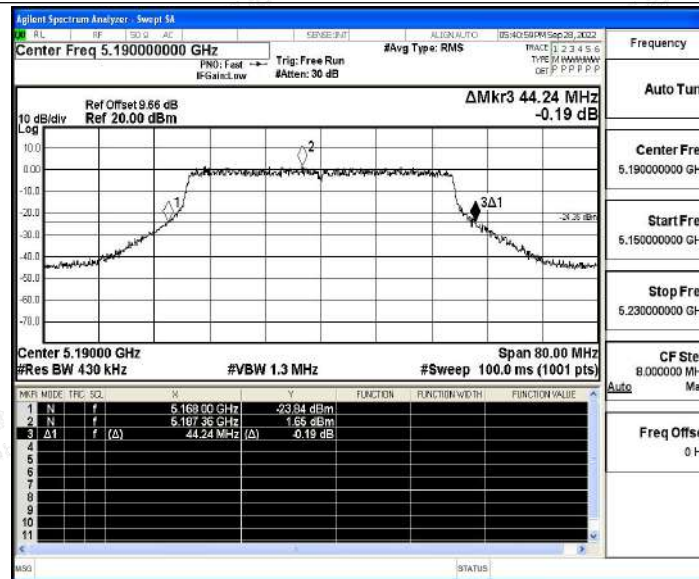


11AX20SISO_Ant1_5240

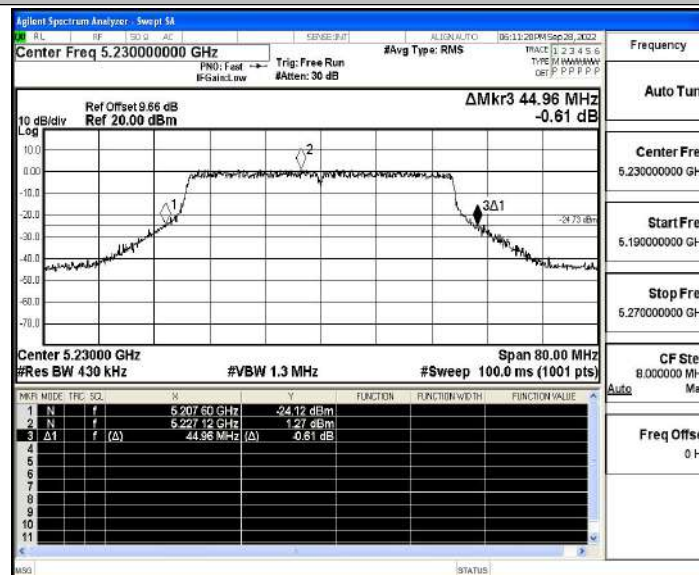


11AX40SISO_Ant1_5190





11AX40SISO_Ant1_5230





D.2 Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency[MHz]	Channel Power[dBm]	Duty Cycle [%]	DC Factor[dBm]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	9.44	94.42	0.25	9.69	≤23.98	PASS
		5220	9.53	91.86	0.37	9.90	≤23.98	PASS
		5240	9.22	93.55	0.29	9.51	≤23.98	PASS
11N20SISO	Ant1	5180	9.38	89.15	0.50	9.88	≤23.98	PASS
		5220	9.39	94.97	0.22	9.61	≤23.98	PASS
		5240	9.11	90.48	0.43	9.54	≤23.98	PASS
11N40SISO	Ant1	5190	8.88	90.29	0.44	9.32	≤23.98	PASS
		5230	8.85	90.38	0.44	9.29	≤23.98	PASS
11AC20SISO	Ant1	5180	9.32	94.53	0.24	9.56	≤23.98	PASS
		5220	9.31	93.10	0.31	9.62	≤23.98	PASS
		5240	9.10	93.60	0.29	9.39	≤23.98	PASS
11AC40SISO	Ant1	5190	8.98	86.11	0.65	9.63	≤23.98	PASS
		5230	8.93	84.68	0.72	9.65	≤23.98	PASS
11AX20SISO	Ant1	5180	9.32	88.41	0.53	9.85	≤23.98	PASS
		5220	9.30	94.16	0.26	9.56	≤23.98	PASS
		5240	9.09	88.96	0.51	9.60	≤23.98	PASS
11AX40SISO	Ant1	5190	8.90	89.16	0.50	9.40	≤23.98	PASS
		5230	8.99	83.33	0.79	9.78	≤23.98	PASS

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



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D.3 Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	-1.5	≤11.00	PASS
		5220	-1.39	≤11.00	PASS
		5240	-1.69	≤11.00	PASS
11N20SISO	Ant1	5180	-1.59	≤11.00	PASS
		5220	-1.93	≤11.00	PASS
		5240	-2.01	≤11.00	PASS
11N40SISO	Ant1	5190	-5.4	≤11.00	PASS
		5230	-5.42	≤11.00	PASS
11AC20SISO	Ant1	5180	-1.99	≤11.00	PASS
		5220	-1.88	≤11.00	PASS
		5240	-2.12	≤11.00	PASS
11AC40SISO	Ant1	5190	-5.17	≤11.00	PASS
		5230	-5.24	≤11.00	PASS
11AX20SISO	Ant1	5180	-1.89	≤11.00	PASS
		5220	-2.04	≤11.00	PASS
		5240	-2.21	≤11.00	PASS
11AX40SISO	Ant1	5190	-5.52	≤11.00	PASS
		5230	-5.31	≤11.00	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

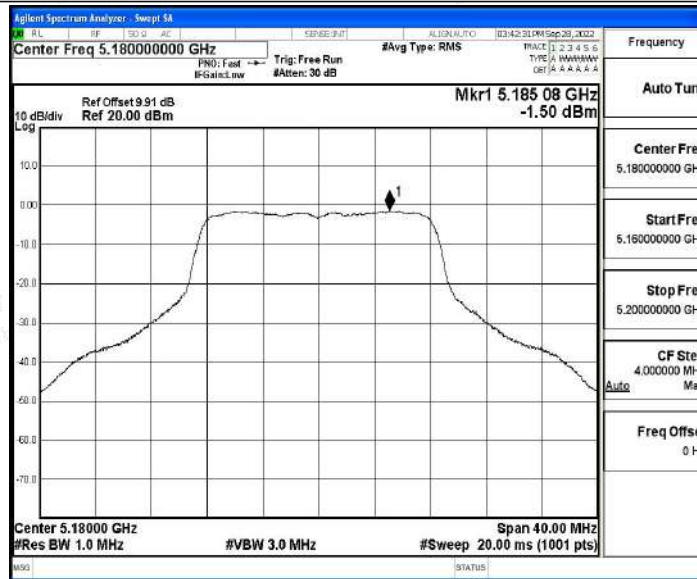


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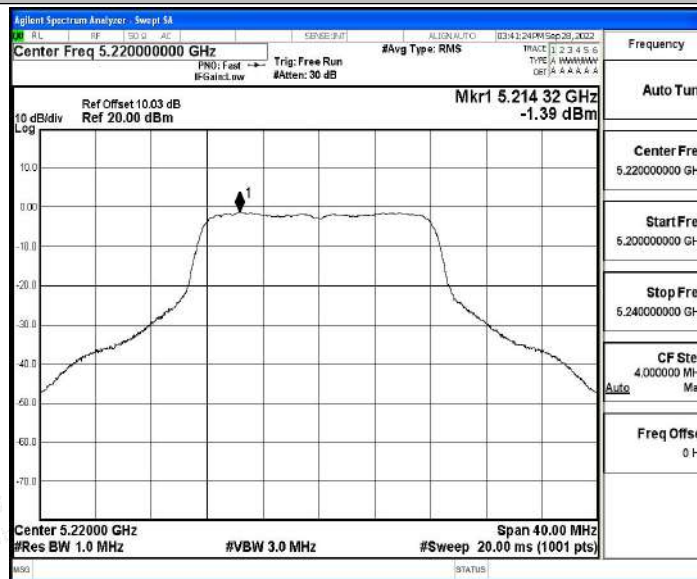


Test Graphs

11A_Ant1_5180

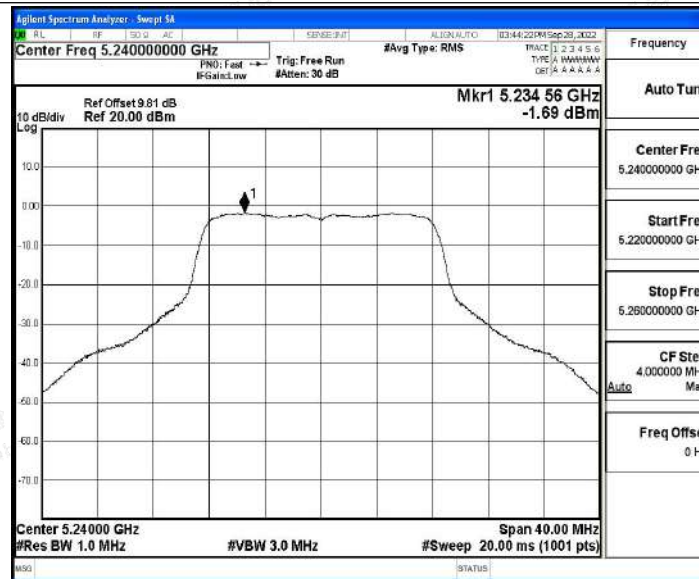


11A_Ant1_5220

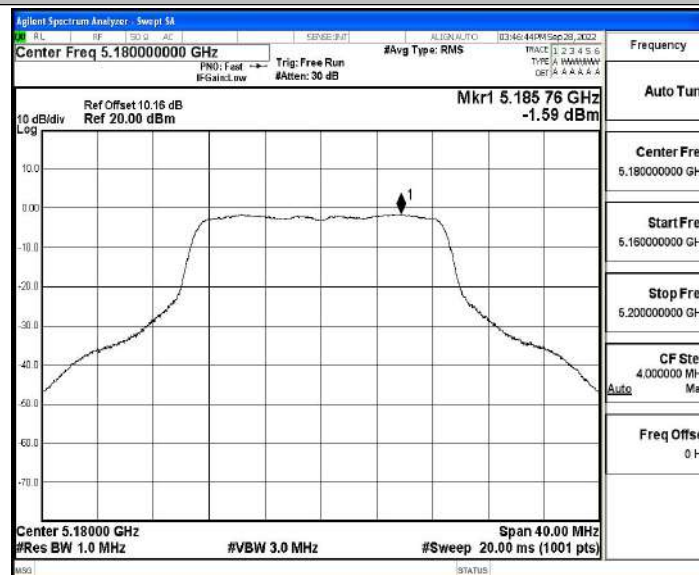


11A_Ant1_5240



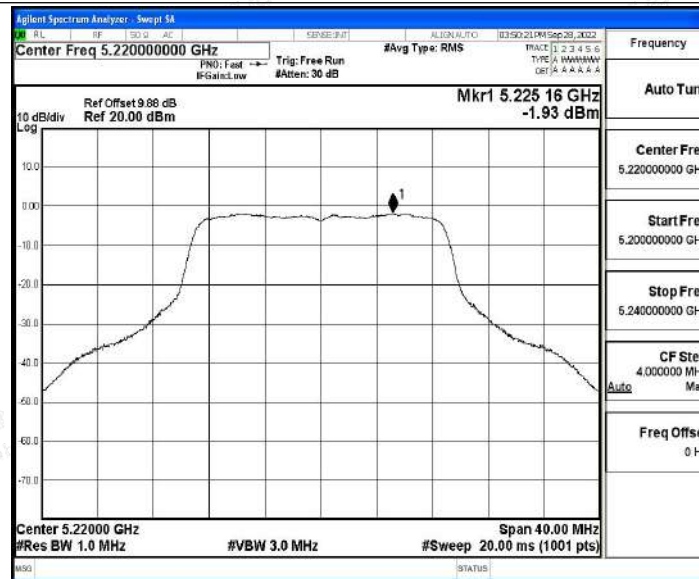


11N20SISO_Ant1_5180

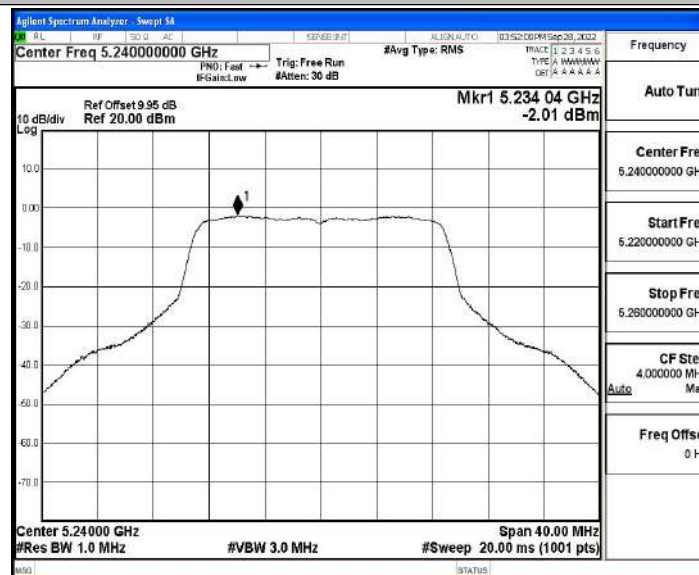


11N20SISO_Ant1_5220



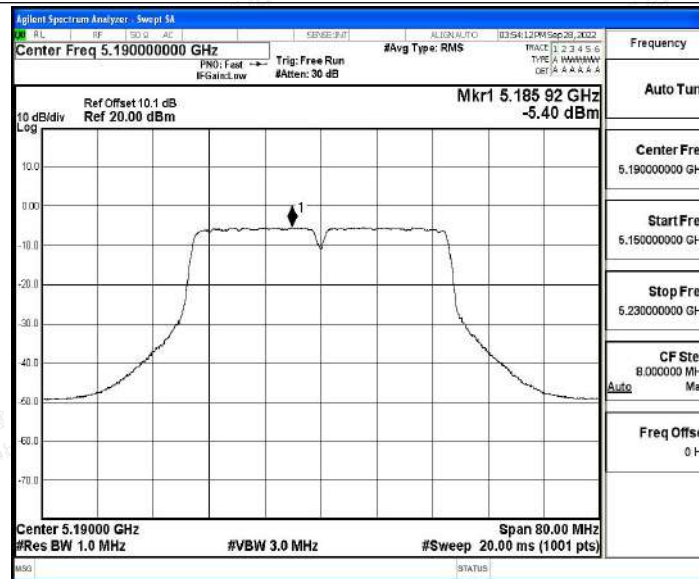


11N20SISO_Ant1_5240

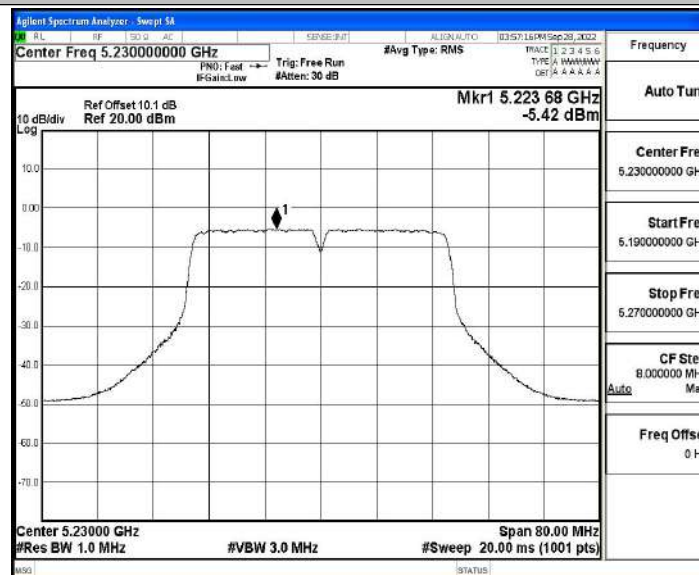


11N40SISO_Ant1_5190



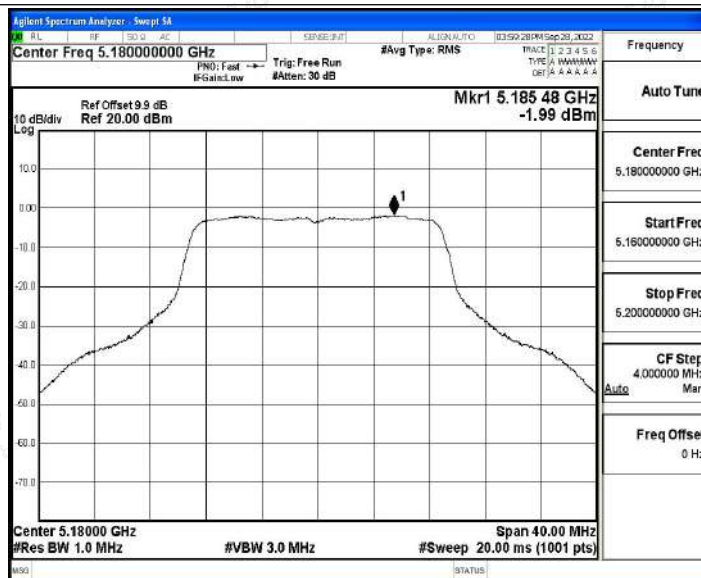


11N40SISO_Ant1_5230

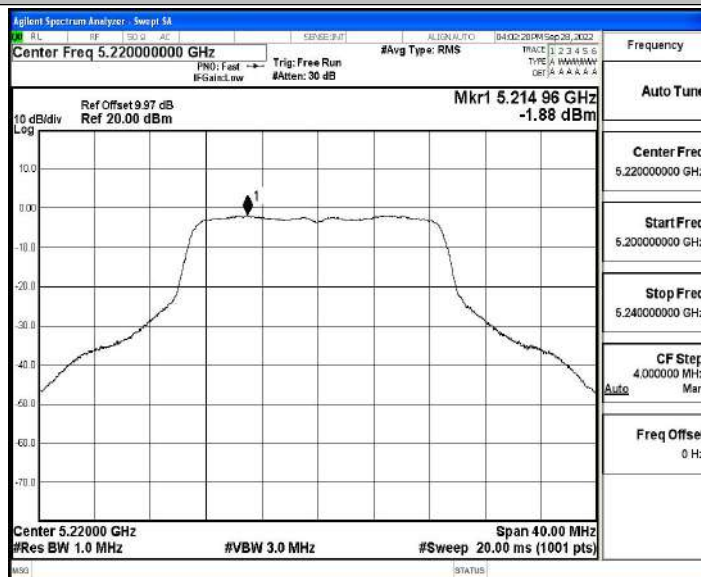


11AC20SISO_Ant1_5180





11AC20SISO_Ant1_5220



11AC20SISO_Ant1_5240

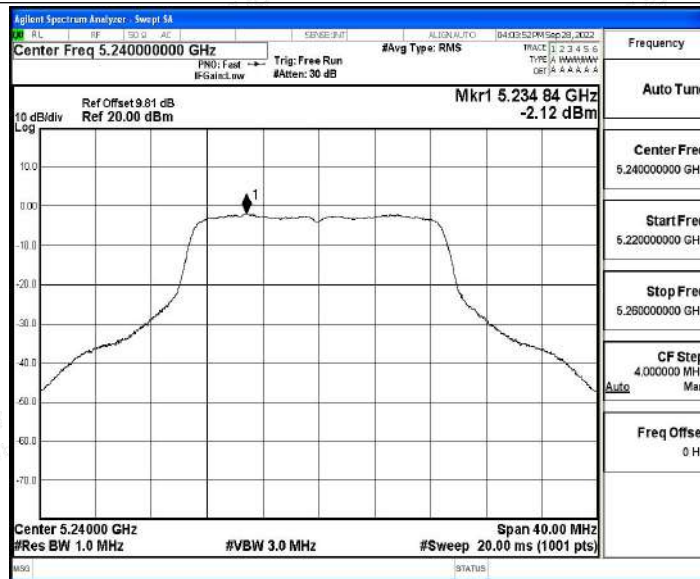


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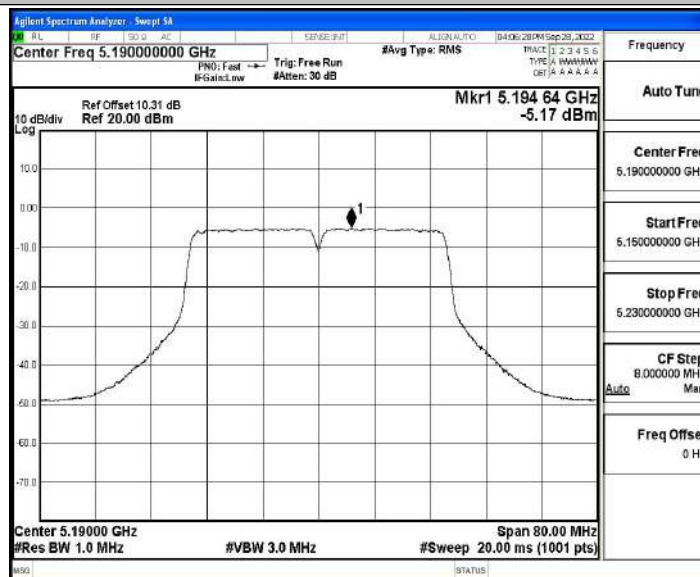
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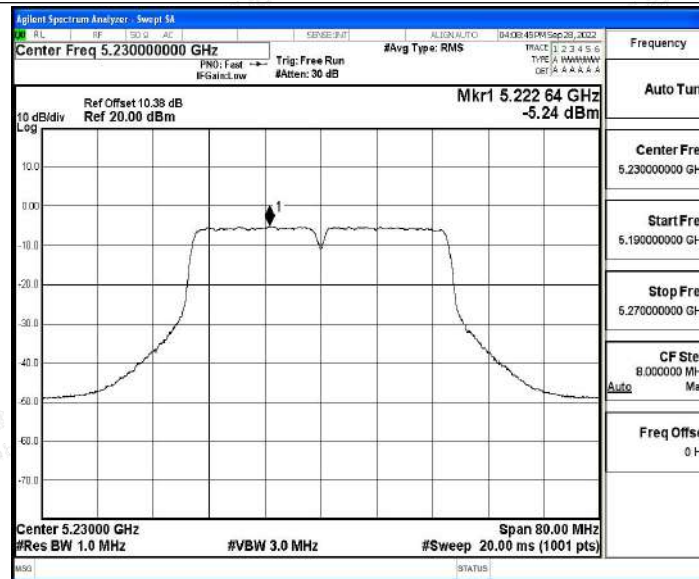


11AC40SISO_Ant1_5190

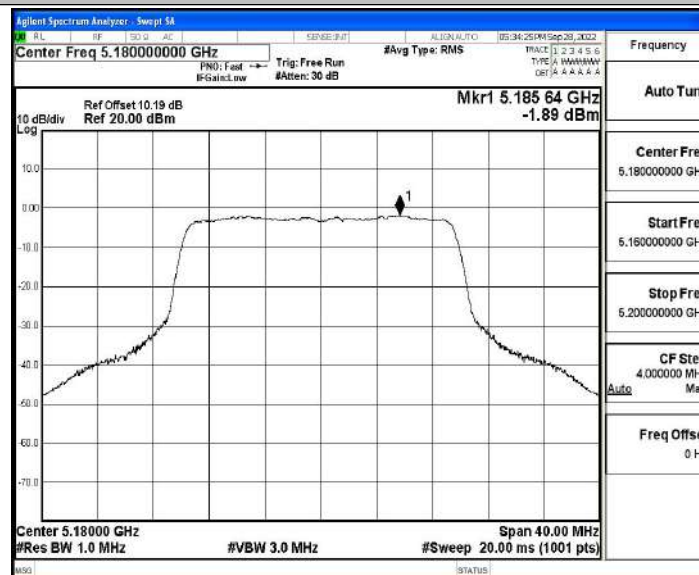


11AC40SISO_Ant1_5230





11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5220

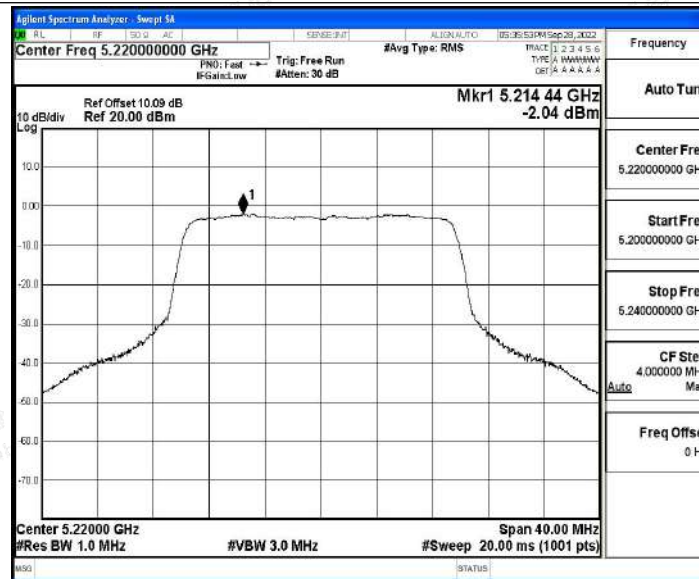


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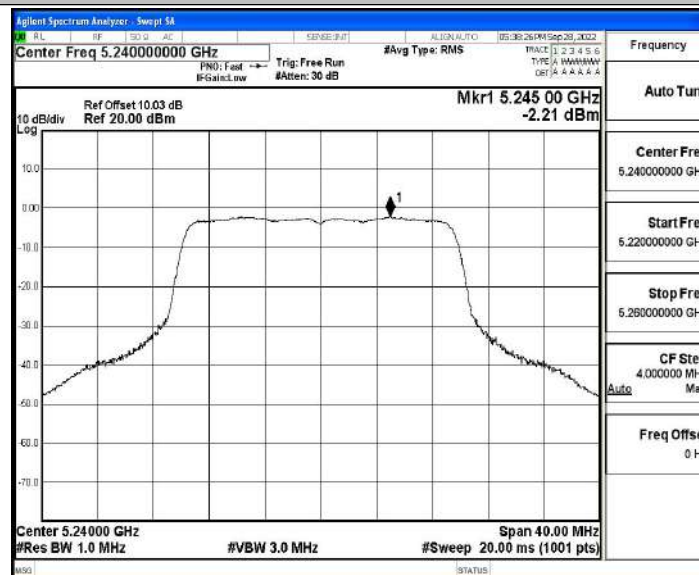
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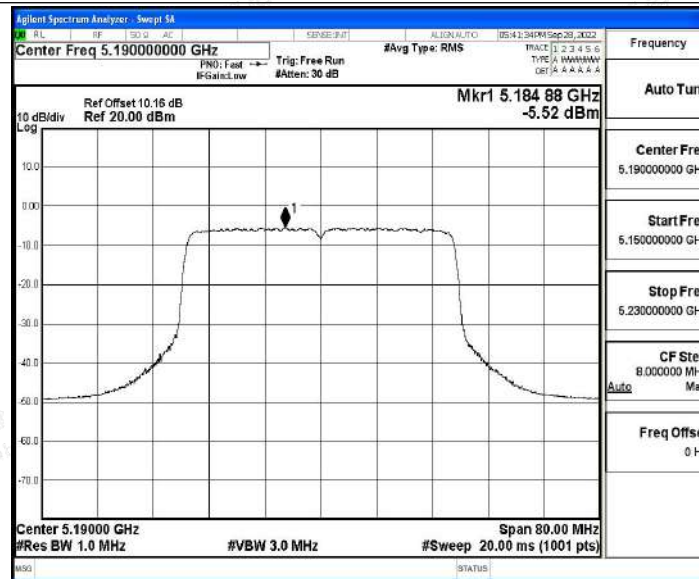


11AX20ISO_Ant1_5240

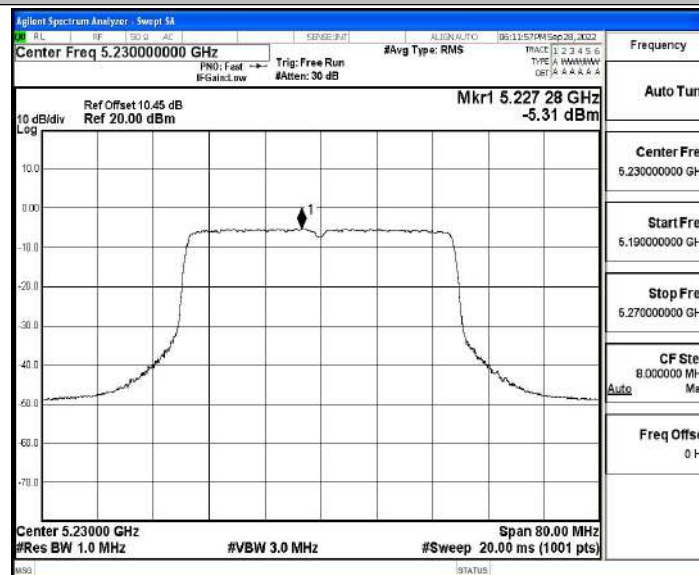


11AX40ISO_Ant1_5190





11AX40SISO_Ant1_5230





D.4 Emissions in Restricted Bands

Test Result

TestMode	Antenna	Channel Name	Frequency [MHz]	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant1	Low	5180	AV	4500.000	-48.83	≤-41.20	46.37	≤54	PASS
				AV	4890.600	-46.14	≤-41.20	49.06	≤54	PASS
				AV	5150.000	-47.15	≤-41.20	48.05	≤54	PASS
				Peak	4500.000	-41.98	≤-21.20	53.22	≤68.2	PASS
				Peak	4822.700	-36.48	≤-21.20	58.72	≤68.2	PASS
				Peak	5150.000	-40.57	≤-21.20	54.63	≤68.2	PASS
		High	5240	AV	5350.000	-47.11	≤-41.20	48.09	≤54	PASS
				AV	5432.160	-46.4	≤-41.20	48.80	≤54	PASS
				AV	5460.000	-47.11	≤-41.20	48.09	≤54	PASS
				Peak	5350.000	-43.61	≤-21.20	51.59	≤68.2	PASS
				Peak	5376.000	-37.64	≤-21.20	57.56	≤68.2	PASS
				Peak	5460.000	-45.21	≤-21.20	49.99	≤68.2	PASS
11N20SI SO	Ant1	Low	5180	AV	4500.000	-48.53	≤-41.20	46.67	≤54	PASS
				AV	4845.800	-46	≤-41.20	49.20	≤54	PASS
				AV	5150.000	-46.95	≤-41.20	48.25	≤54	PASS
				Peak	4500.000	-43.84	≤-21.20	51.36	≤68.2	PASS
				Peak	4850.700	-36.45	≤-21.20	58.75	≤68.2	PASS
				Peak	5150.000	-40.72	≤-21.20	54.48	≤68.2	PASS
		High	5240	AV	5350.000	-47.19	≤-41.20	48.01	≤54	PASS
				AV	5438.400	-46.35	≤-41.20	48.85	≤54	PASS
				AV	5460.000	-46.87	≤-41.20	48.33	≤54	PASS
				Peak	5350.000	-47.98	≤-21.20	47.22	≤68.2	PASS
				Peak	5454.480	-36.85	≤-21.20	58.35	≤68.2	PASS
				Peak	5460.000	-44.15	≤-21.20	51.05	≤68.2	PASS
11N40SI SO	Ant1	Low	5190	AV	4500.000	-48.25	≤-41.20	46.95	≤54	PASS
				AV	5077.500	-45.57	≤-41.20	49.63	≤54	PASS
				AV	5150.000	-46.09	≤-41.20	49.11	≤54	PASS
				Peak	4500.000	-41.99	≤-21.20	53.21	≤68.2	PASS
				Peak	4887.800	-36.85	≤-21.20	58.35	≤68.2	PASS
				Peak	5150.000	-47.31	≤-21.20	47.89	≤68.2	PASS
		High	5230	AV	5350.000	-46.64	≤-41.20	48.56	≤54	PASS
				AV	5457.400	-45.94	≤-41.20	49.26	≤54	PASS
				AV	5460.000	-46.68	≤-41.20	48.52	≤54	PASS
				Peak	5350.000	-42.5	≤-21.20	52.70	≤68.2	PASS
				Peak	5459.740	-38.76	≤-21.20	56.44	≤68.2	PASS



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11AC20S ISO	Ant1	Low	5180	Peak	5460.000	-43.77	≤-21.20	51.43	≤68.2	PASS
				AV	4500.000	-48.55	≤-41.20	46.65	≤54	PASS
				AV	4886.400	-46.06	≤-41.20	49.14	≤54	PASS
				AV	5150.000	-46.81	≤-41.20	48.39	≤54	PASS
				Peak	4500.000	-44.14	≤-21.20	51.06	≤68.2	PASS
				Peak	5120.900	-37.16	≤-21.20	58.04	≤68.2	PASS
		High	5240	Peak	5150.000	-43.14	≤-21.20	52.06	≤68.2	PASS
				AV	5350.000	-47.16	≤-41.20	48.04	≤54	PASS
				AV	5393.040	-46.48	≤-41.20	48.72	≤54	PASS
				AV	5460.000	-46.76	≤-41.20	48.44	≤54	PASS
				Peak	5350.000	-42.28	≤-21.20	52.92	≤68.2	PASS
				Peak	5413.920	-39.01	≤-21.20	56.19	≤68.2	PASS
11AC40S ISO	Ant1	Low	5190	Peak	5460.000	-41.64	≤-21.20	53.56	≤68.2	PASS
				AV	4500.000	-48.54	≤-41.20	46.66	≤54	PASS
				AV	4831.800	-45.74	≤-41.20	49.46	≤54	PASS
				AV	5150.000	-46.35	≤-41.20	48.85	≤54	PASS
				Peak	4500.000	-45.29	≤-21.20	49.91	≤68.2	PASS
				Peak	4968.300	-38.2	≤-21.20	57.00	≤68.2	PASS
		High	5230	Peak	5150.000	-41.11	≤-21.20	54.09	≤68.2	PASS
				AV	5350.000	-46.42	≤-41.20	48.78	≤54	PASS
				AV	5451.940	-46.05	≤-41.20	49.15	≤54	PASS
				AV	5460.000	-46.93	≤-41.20	48.27	≤54	PASS
				Peak	5350.000	-42.79	≤-21.20	52.41	≤68.2	PASS
				Peak	5390.580	-38.72	≤-21.20	56.48	≤68.2	PASS
11AX20S ISO	Ant1	Low	5180	Peak	5460.000	-42.7	≤-21.20	52.50	≤68.2	PASS
				AV	4500.000	-56.4	≤-41.20	38.80	≤54	PASS
				AV	5025.700	-52	≤-41.20	43.20	≤54	PASS
				AV	5150.000	-53.51	≤-41.20	41.69	≤54	PASS
				Peak	4500.000	-55.82	≤-21.20	39.38	≤68.2	PASS
				Peak	4984.400	-42.64	≤-21.20	52.56	≤68.2	PASS
		High	5240	Peak	5150.000	-53.05	≤-21.20	42.15	≤68.2	PASS
				AV	5350.000	-53.27	≤-41.20	41.93	≤54	PASS
				AV	5458.560	-51.43	≤-41.20	43.77	≤54	PASS
				AV	5460.000	-53.24	≤-41.20	41.96	≤54	PASS
				Peak	5350.000	-50.08	≤-21.20	45.12	≤68.2	PASS
				Peak	5401.200	-43.23	≤-21.20	51.97	≤68.2	PASS
11AX40S ISO	Ant1	Low	5190	Peak	5460.000	-49.5	≤-21.20	45.70	≤68.2	PASS
				AV	4500.000	-55.5	≤-41.20	39.70	≤54	PASS
				AV	5078.200	-49.41	≤-41.20	45.79	≤54	PASS



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立讯检测 LCS Testing Lab			立讯检测 LCS Testing Lab	Peak	4500.000	-50.94	≤-21.20	44.26	≤68.2	PASS	
				Peak	5077.500	-42.02	≤-21.20	53.18	≤68.2	PASS	
				Peak	5150.000	-50.45	≤-21.20	44.75	≤68.2	PASS	
		High		5230	AV	5350.000	-51.52	≤-41.20	43.68	≤54	PASS
					AV	5452.460	-50.89	≤-41.20	44.31	≤54	PASS
					AV	5460.000	-51.79	≤-41.20	43.41	≤54	PASS
					Peak	5350.000	-53.24	≤-21.20	41.96	≤68.2	PASS
					Peak	5450.380	-43.49	≤-21.20	51.71	≤68.2	PASS
					Peak	5460.000	-47.93	≤-21.20	47.27	≤68.2	PASS

Note:

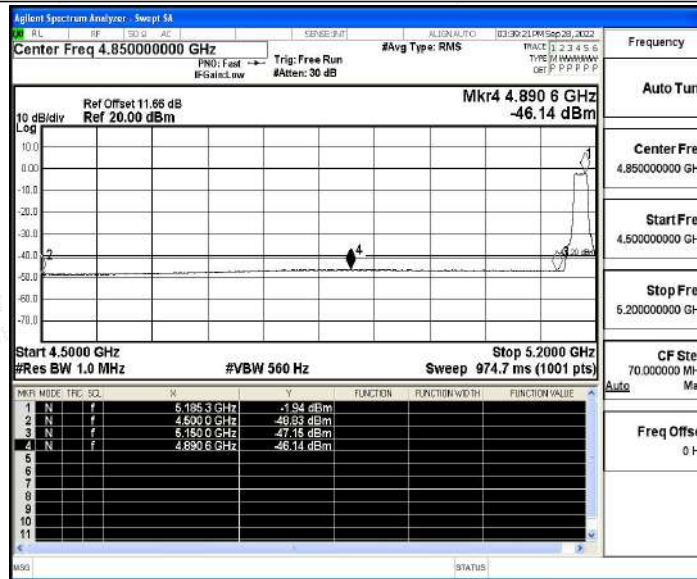
1. The Antenna Gain is compensated in the graph.
2. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.



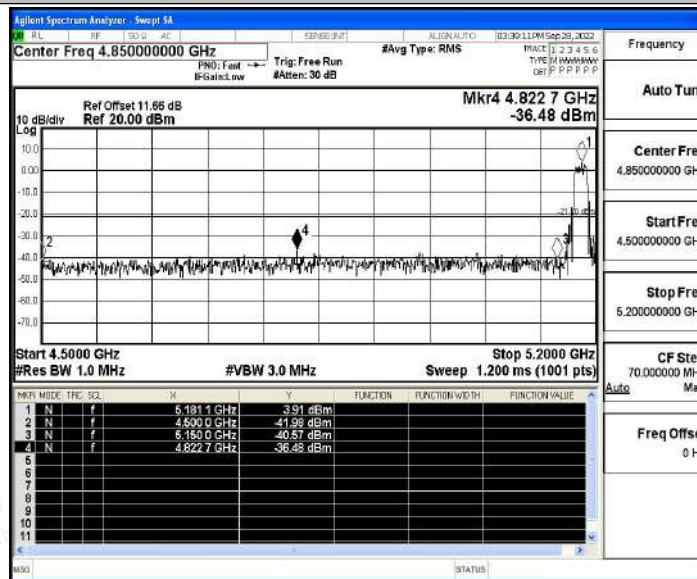


Test Graphs

11A_Ant1_Low_5180_AV

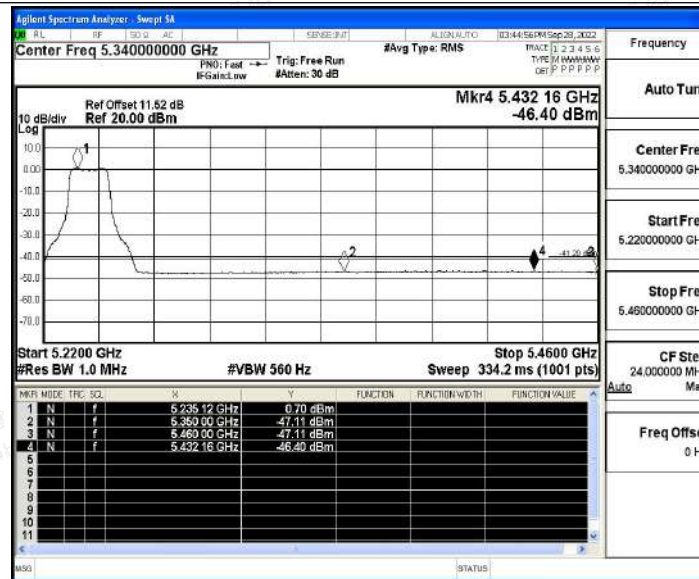


11A_Ant1_Low_5180_Peak

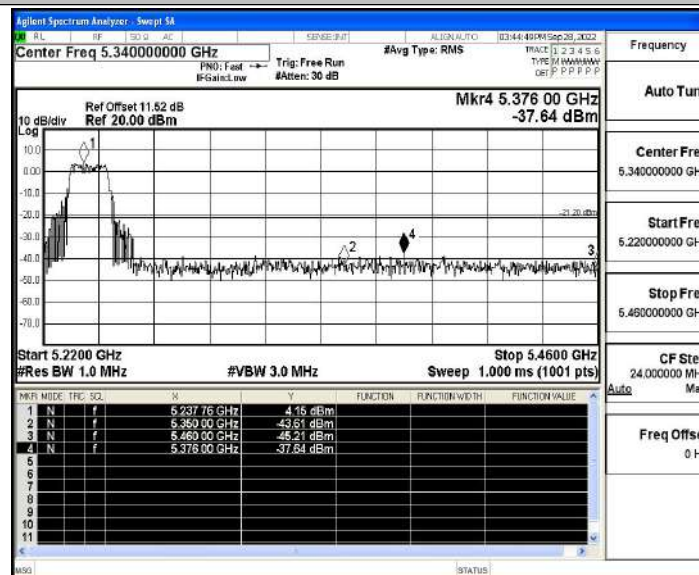


11A_Ant1_High_5240_AV



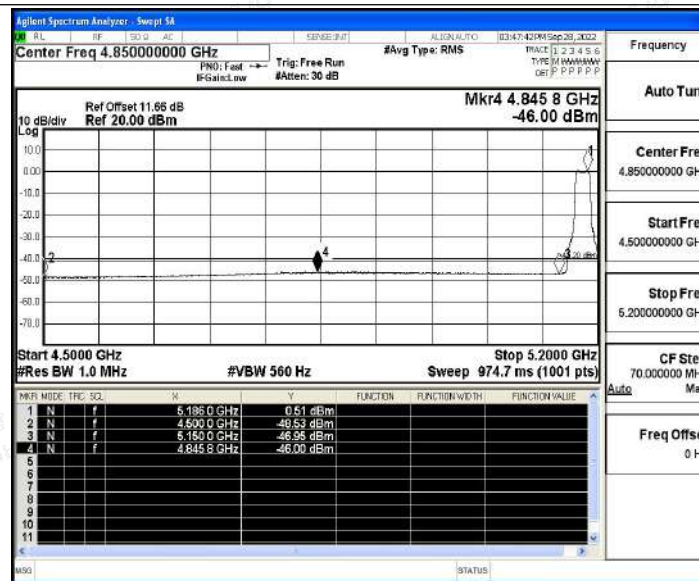


11A_Ant1_High_5240_Peak

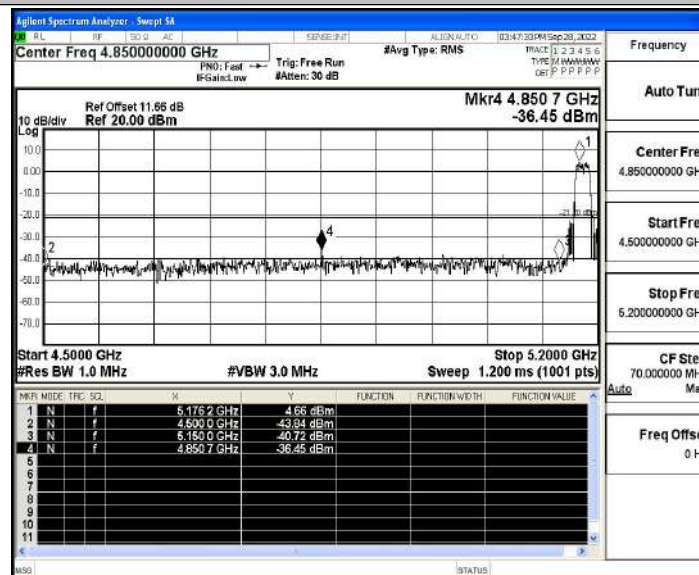


11N20SISO_Ant1_Low_5180_AV





11N20SISO_Ant1_Low_5180_Peak



11N20SISO_Ant1_High_5240_AV

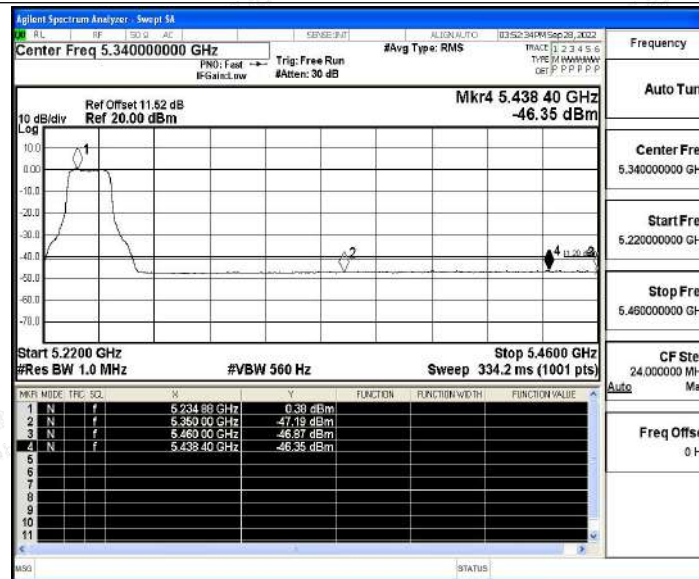


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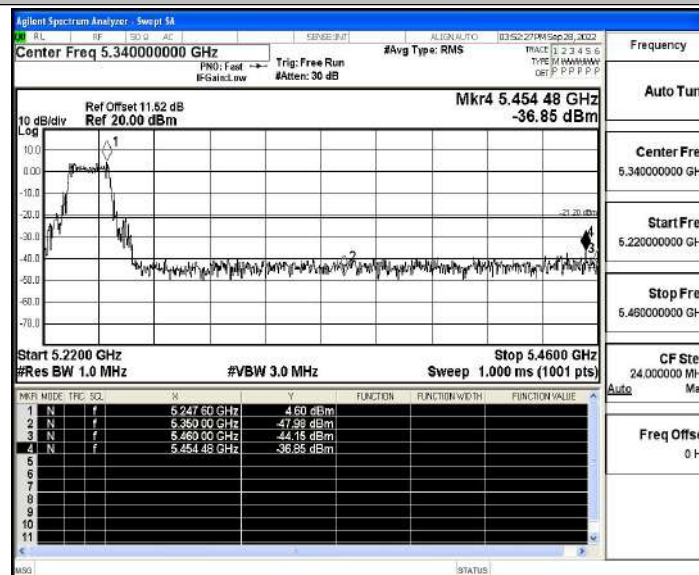
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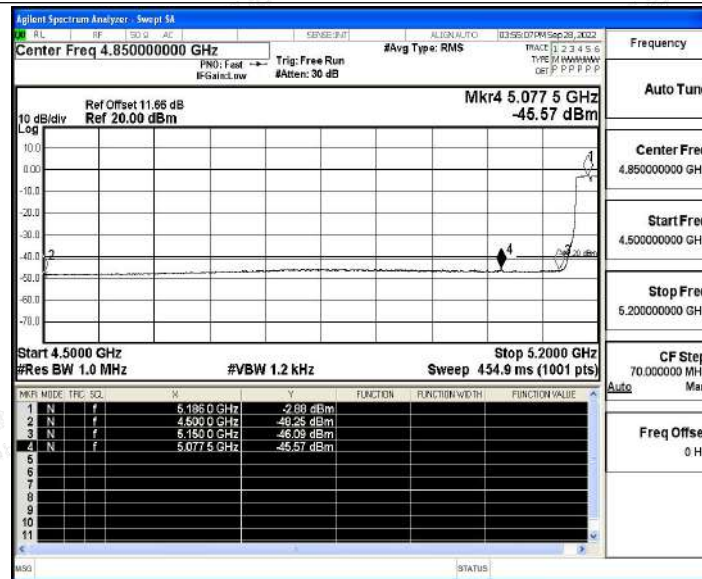


11N20SISO_Ant1_High_5240_Peak

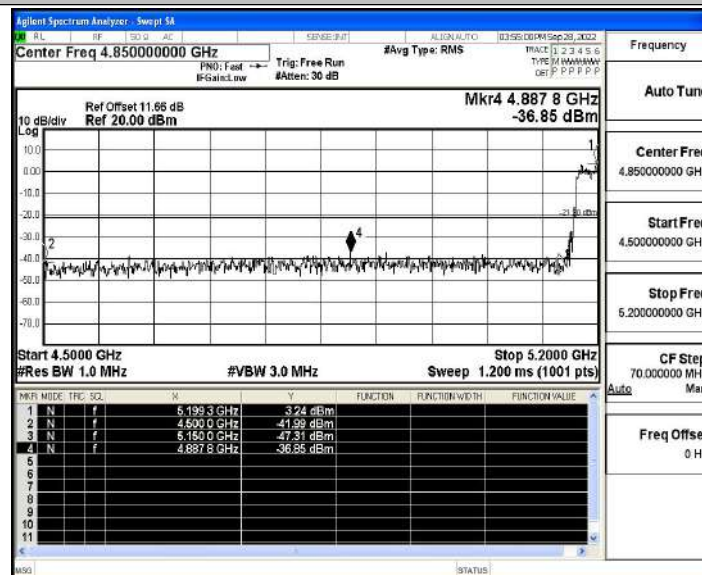


11N40SISO_Ant1_Low_5190_AV



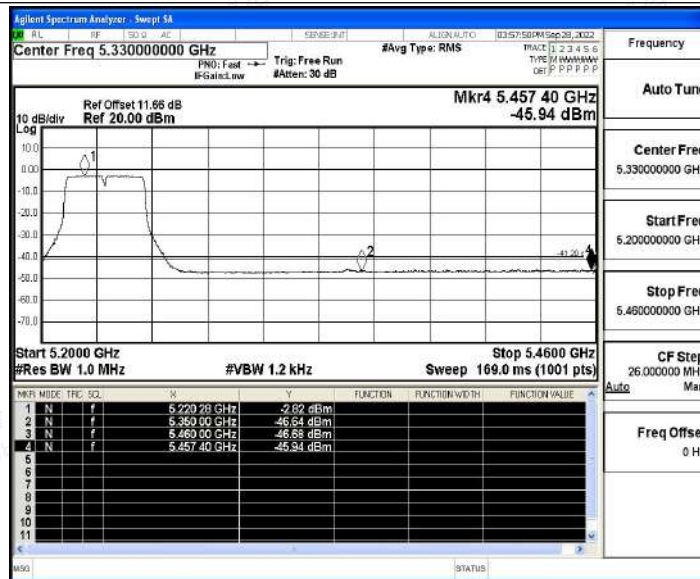


11N40SISO_Ant1_Low_5190_Peak

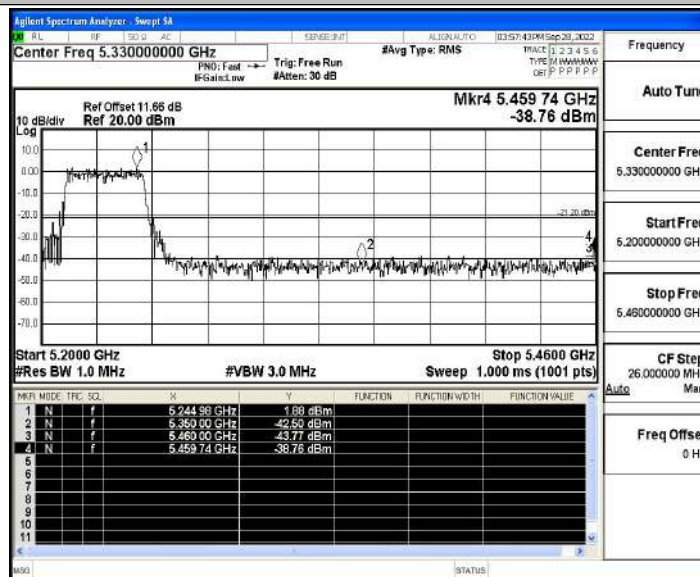


11N40SISO_Ant1_High_5230_AV



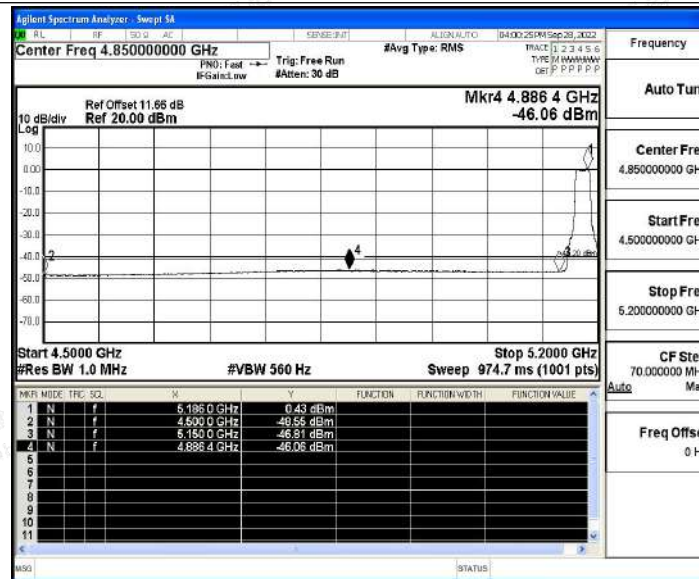


11N40SISO_Ant1_High_5230_Peak

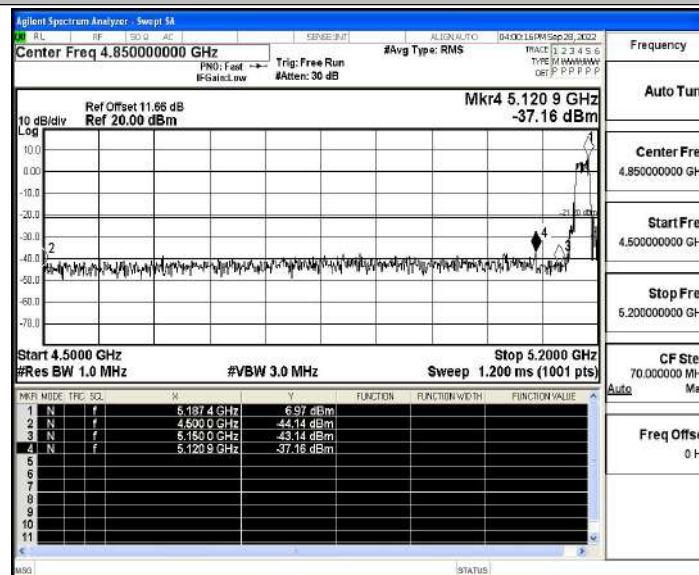


11AC20SISO_Ant1_Low_5180_AV





11AC20SISO_Ant1_Low_5180_Peak



11AC20SISO_Ant1_High_5240_AV

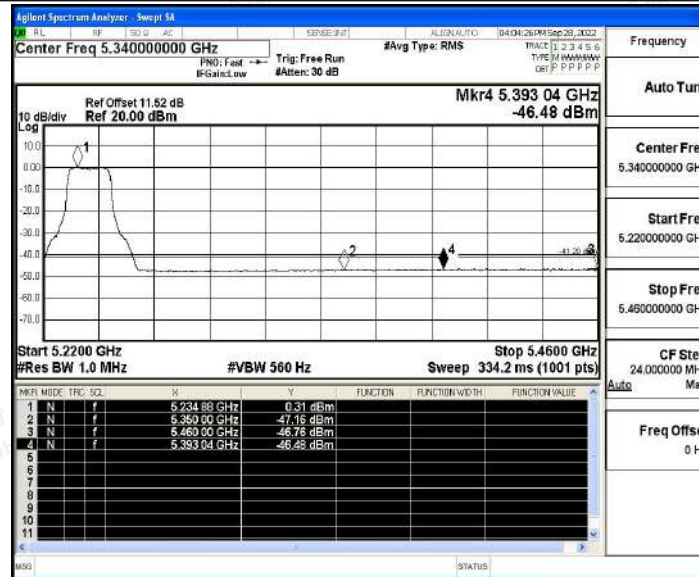


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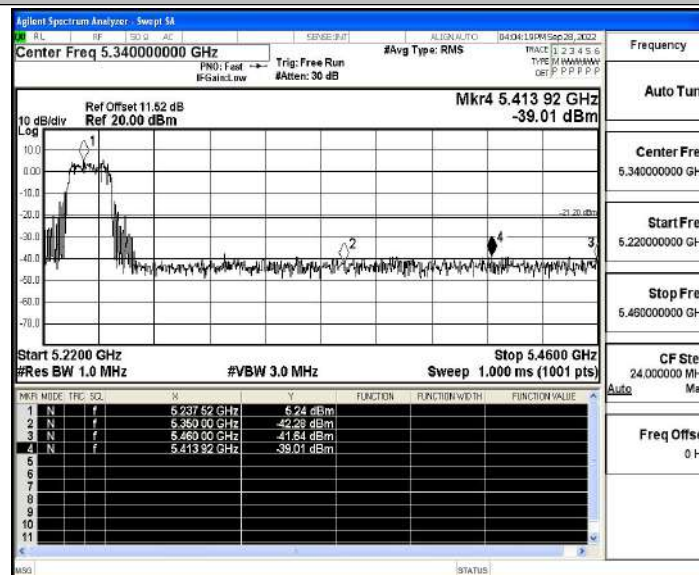
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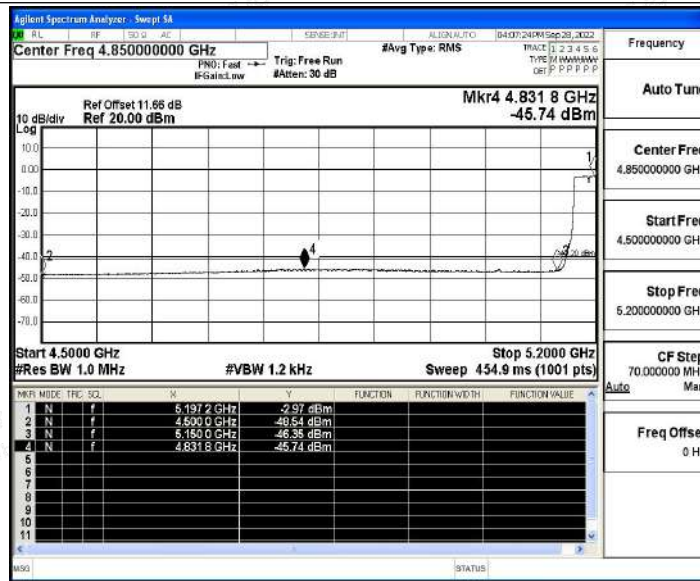


11AC20SISO_Ant1_High_5240_Peak

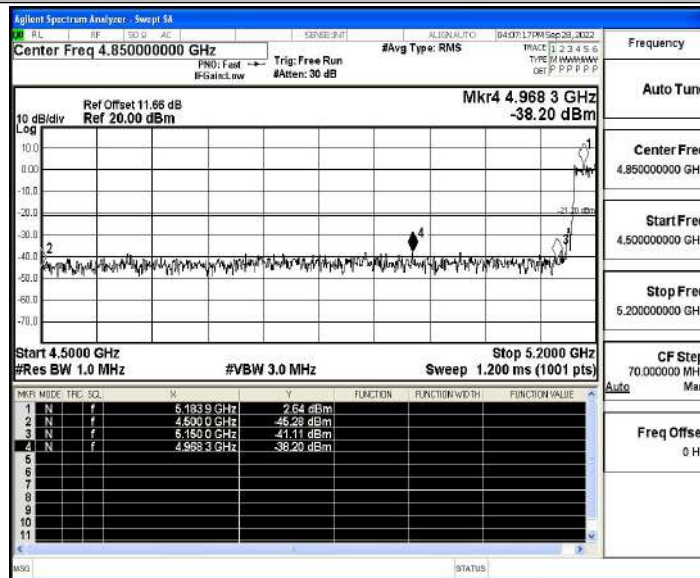


11AC40SISO_Ant1_Low_5190_AV





11AC40SISO_Ant1_Low_5190_Peak



11AC40SISO_Ant1_High_5230_AV

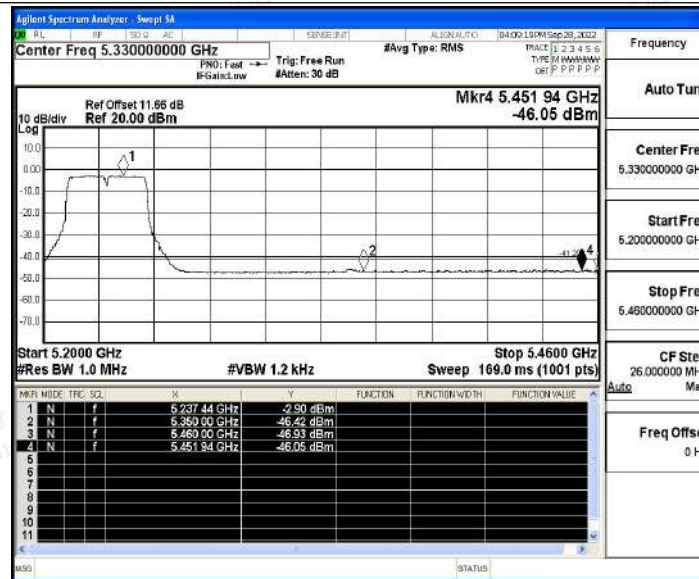


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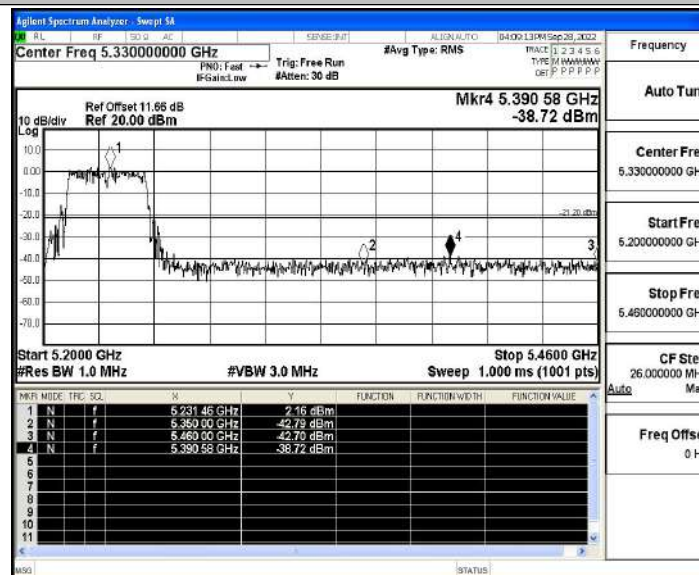
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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11AC40ISO_Ant1_High_5230_Peak



11AX20ISO_Ant1_Low_5180_AV

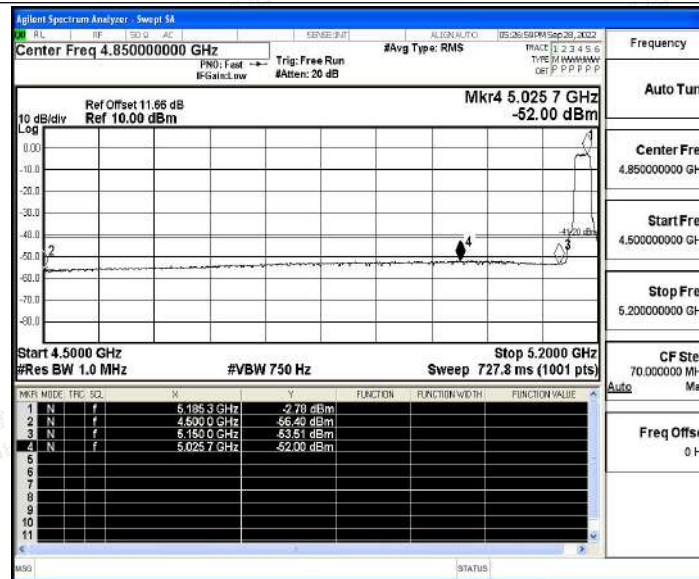


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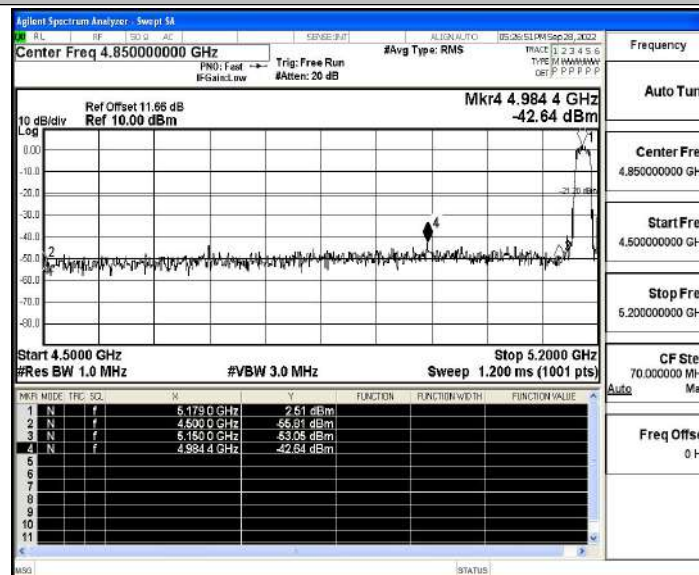
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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11AX20SISO_Ant1_Low_5180_Peak



11AX20SISO_Ant1_High_5240_AV

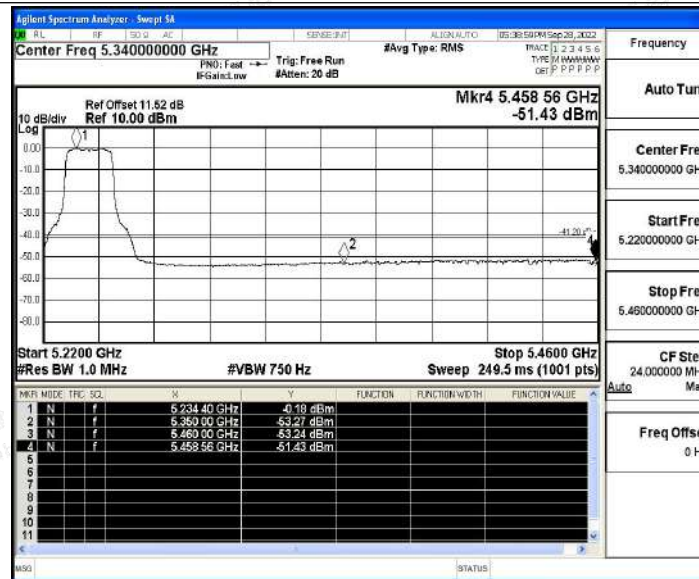


Shenzhen LCS Compliance Testing Laboratory Ltd.

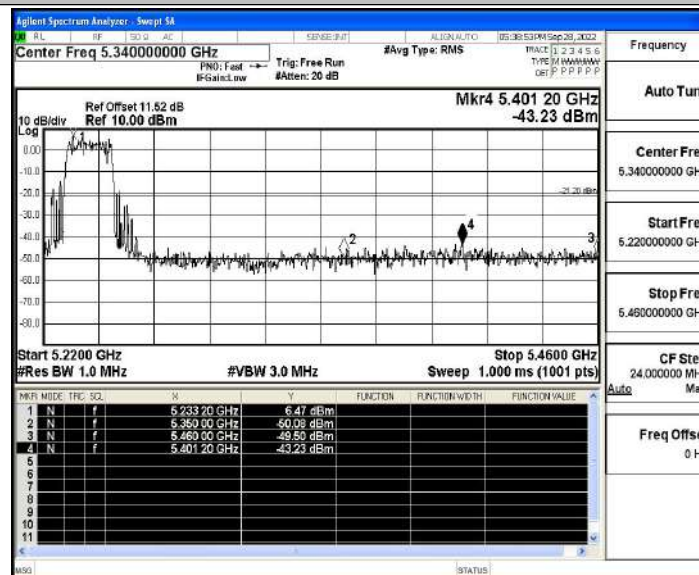
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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11AX20ISO_Ant1_High_5240_Peak



11AX40ISO_Ant1_Low_5190_AV

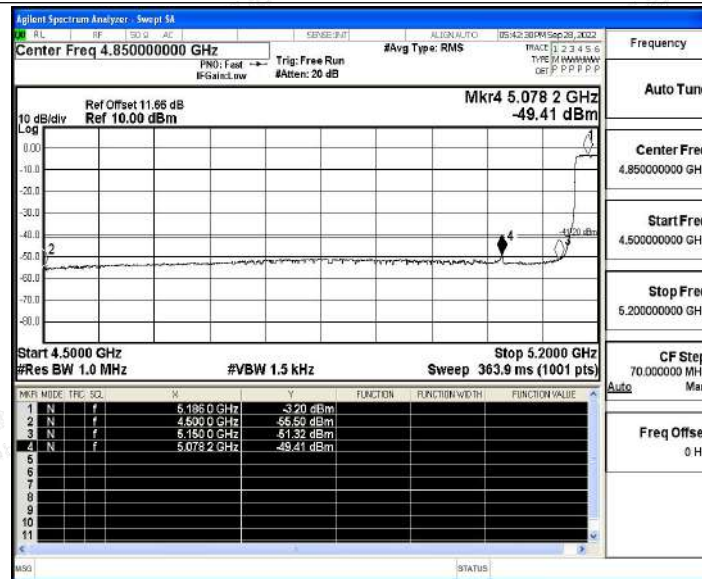


Shenzhen LCS Compliance Testing Laboratory Ltd.

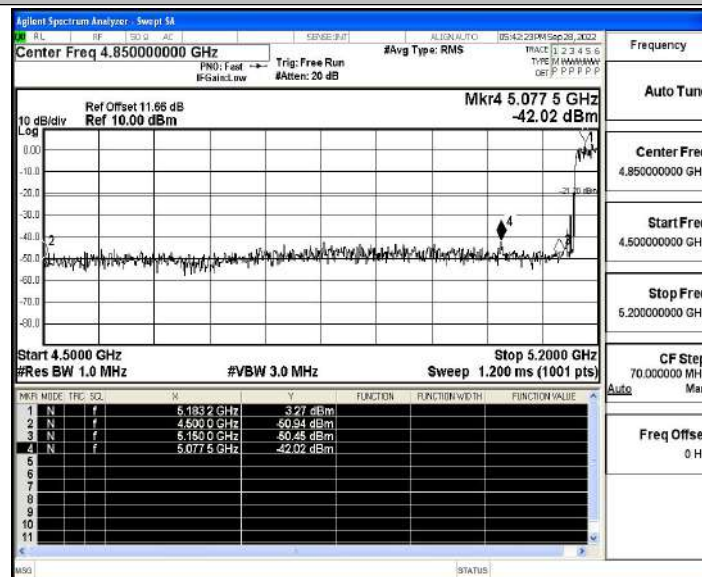
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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11AX40SISO_Ant1_Low_5190_Peak



11AX40SISO_Ant1_High_5230_AV

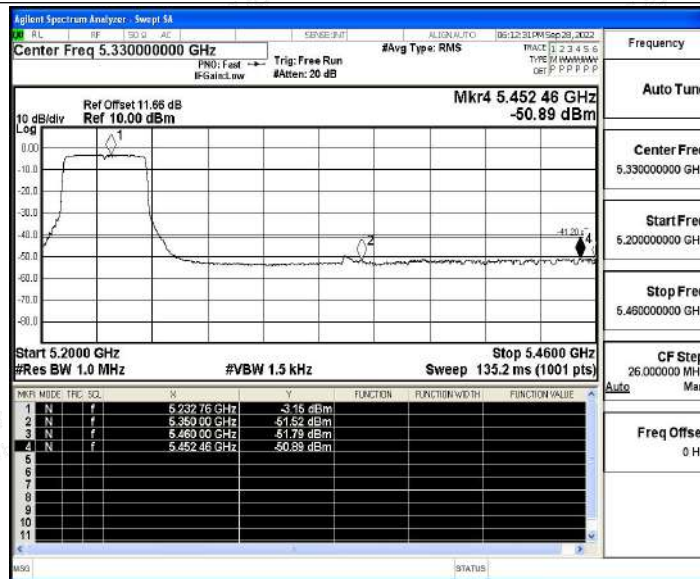


Shenzhen LCS Compliance Testing Laboratory Ltd.

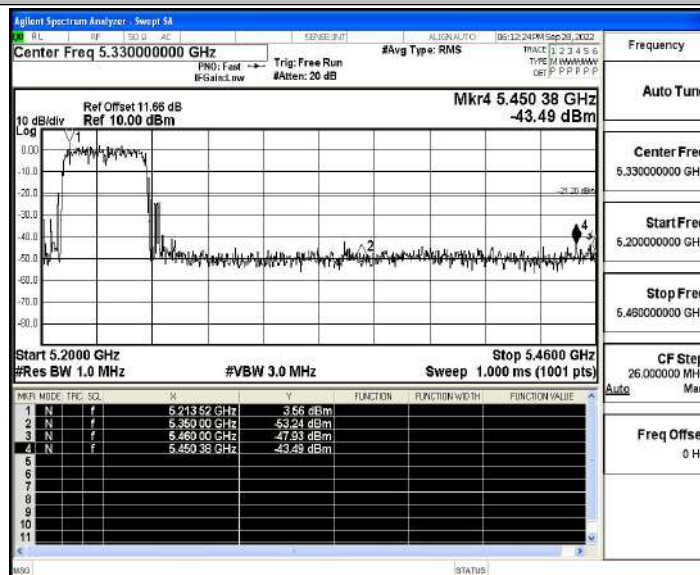
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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11AX40ISO_Ant1_High_5230_Peak



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D.5 Frequency Stability

Test Result

Voltage								
TestMode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20SIS O	Ant1	5180	NV	NT	-20000.00	-3.861004	20	PASS
			LV	NT	-40000.00	-7.722008	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5220	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-20000.00	-3.831418	20	PASS
		5240	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-20000.00	-3.816794	20	PASS
11AC40SIS O	Ant1	5190	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5230	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-40000.00	-7.648184	20	PASS
11AX20SIS O	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
		5220	NV	NT	-20000.00	-3.831418	20	PASS
			LV	NT	-40000.00	-7.662835	20	PASS
			HV	NT	-20000.00	-3.831418	20	PASS
		5240	NV	NT	-20000.00	-3.816794	20	PASS
			LV	NT	-20000.00	-3.816794	20	PASS
			HV	NT	0.00	0.000000	20	PASS
11AX40SIS O	Ant1	5190	NV	NT	-40000.00	-7.707129	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5230	NV	NT	-40000.00	-7.648184	20	PASS
			LV	NT	-40000.00	-7.648184	20	PASS
			HV	NT	-40000.00	-7.648184	20	PASS

Temperature								
TestMode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict



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11AC20SIS O	Ant1	5180	NV	-30	-40000.00	-7.722008	20	PASS
			NV	-20	-20000.00	-3.861004	20	PASS
			NV	-10	-20000.00	-3.861004	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	-40000.00	-7.722008	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-60000.00	-11.583012	20	PASS
		5220	NV	-30	-40000.00	-7.662835	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-20000.00	-3.831418	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-20000.00	-3.831418	20	PASS
			NV	30	-20000.00	-3.831418	20	PASS
			NV	40	-40000.00	-7.662835	20	PASS
			NV	50	-40000.00	-7.662835	20	PASS
		5240	NV	-30	-20000.00	-3.816794	20	PASS
			NV	-20	-40000.00	-7.633588	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-20000.00	-3.816794	20	PASS
			NV	10	-20000.00	-3.816794	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-20000.00	-3.816794	20	PASS
			NV	40	-20000.00	-3.816794	20	PASS
			NV	50	-60000.00	-11.450382	20	PASS
11AC40SIS O	Ant1	5190	NV	-30	0.00	0.000000	20	PASS
			NV	-20	-40000.00	-7.707129	20	PASS
			NV	-10	-40000.00	-7.707129	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-40000.00	-7.707129	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	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



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			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	0.00	0.000000	20	PASS
11AX20SIS O	Ant1	5180	NV	-30	-20000.00	-3.861004	20	PASS
			NV	-20	-20000.00	-3.861004	20	PASS
			NV	-10	-20000.00	-3.861004	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	-20000.00	-3.861004	20	PASS
			NV	40	-20000.00	-3.861004	20	PASS
			NV	50	-20000.00	-3.861004	20	PASS
		5220	NV	-30	-20000.00	-3.831418	20	PASS
			NV	-20	-20000.00	-3.831418	20	PASS
			NV	-10	-20000.00	-3.831418	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-20000.00	-3.831418	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-40000.00	-7.662835	20	PASS
			NV	40	-20000.00	-3.831418	20	PASS
			NV	50	0.00	0.000000	20	PASS
		5240	NV	-30	-20000.00	-3.816794	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-40000.00	-7.633588	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-20000.00	-3.816794	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	-20000.00	-3.816794	20	PASS
11AX40SIS O	Ant1	5190	NV	-30	-40000.00	-7.707129	20	PASS
			NV	-20	-40000.00	-7.707129	20	PASS
			NV	-10	-40000.00	-7.707129	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



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	5230	NV	50	-40000.00	-7.707129	20	PASS
		NV	-30	-40000.00	-7.648184	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	-40000.00	-7.648184	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





D.6 Duty Cycle

Test Result

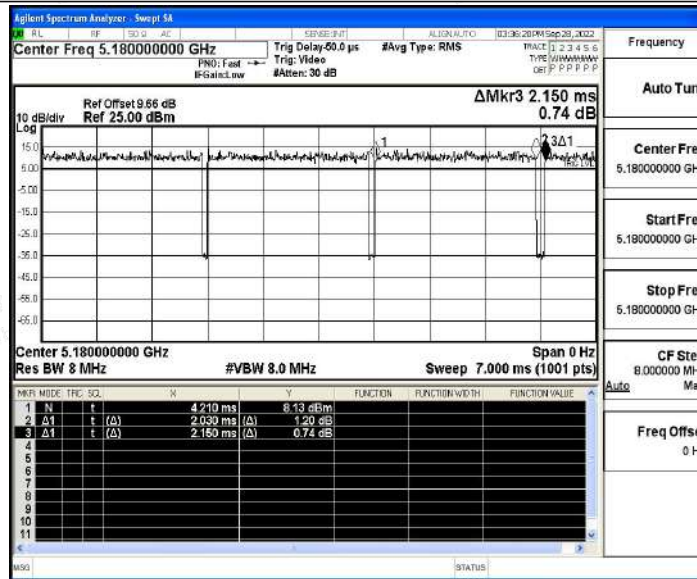
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor	1/T[kHz]
11A	Ant1	5180	2.03	2.15	94.42	0.25	0.49
		5220	2.03	2.21	91.86	0.37	0.49
		5240	2.03	2.17	93.55	0.29	0.49
11N20SISO	Ant1	5180	1.89	2.12	89.15	0.50	0.53
		5220	1.89	1.99	94.97	0.22	0.53
		5240	1.90	2.10	90.48	0.43	0.53
11N40SISO	Ant1	5190	0.93	1.03	90.29	0.44	1.08
		5230	0.94	1.04	90.38	0.44	1.08
11AC20SISO	Ant1	5180	1.90	2.01	94.53	0.24	0.53
		5220	1.89	2.03	93.10	0.31	0.53
		5240	1.90	2.03	93.60	0.29	0.53
11AC40SISO	Ant1	5190	0.93	1.08	86.11	0.65	1.08
		5230	0.94	1.11	84.68	0.72	1.08
11AX20SISO	Ant1	5180	1.45	1.64	88.41	0.53	0.69
		5220	1.45	1.54	94.16	0.26	0.69
		5240	1.45	1.63	88.96	0.51	0.69
11AX40SISO	Ant1	5190	0.74	0.83	89.16	0.50	1.33
		5230	0.75	0.90	83.33	0.79	1.33



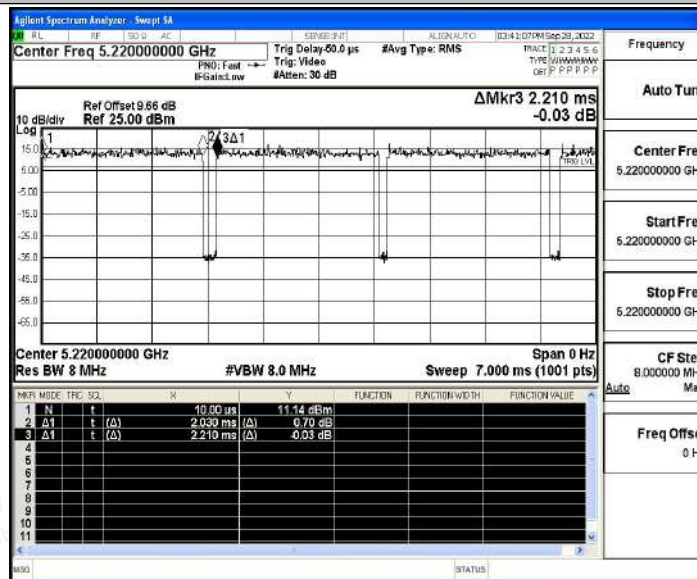


Test Graphs

11A_Ant1_5180

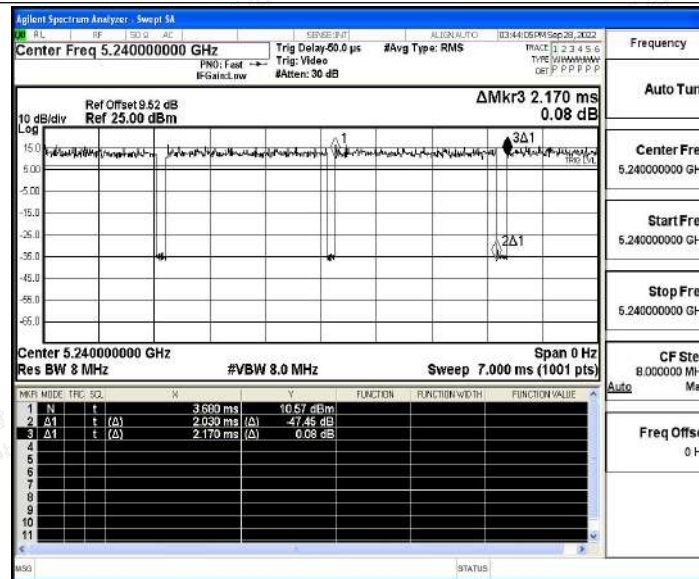


11A_Ant1_5220

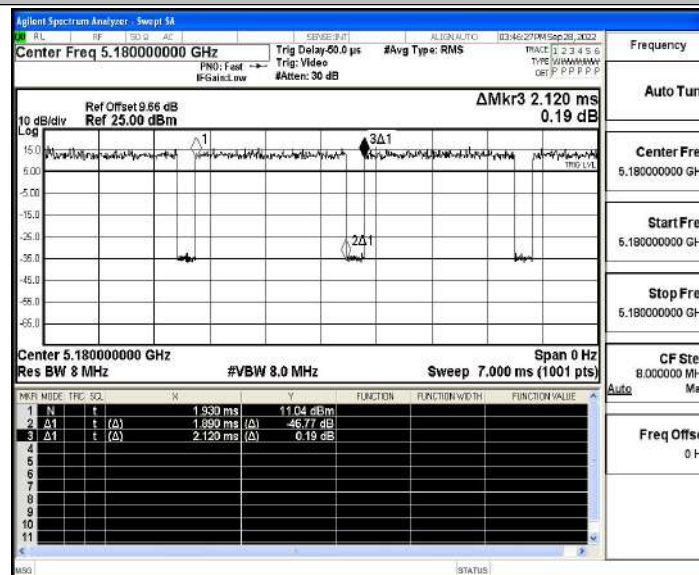


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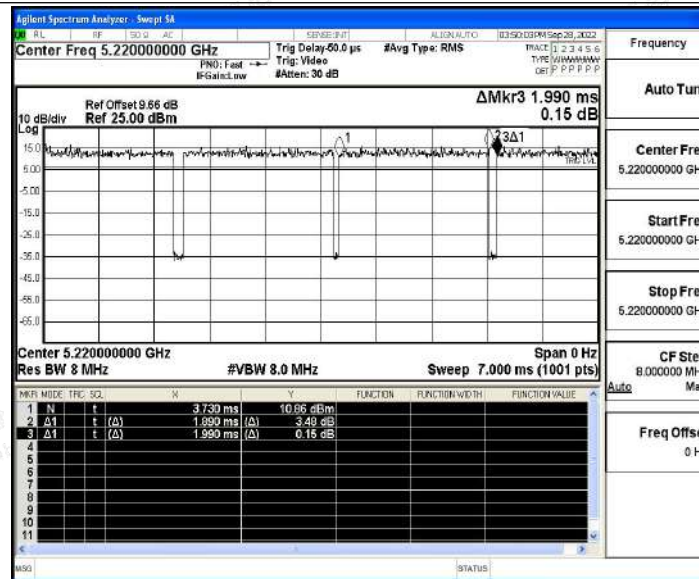


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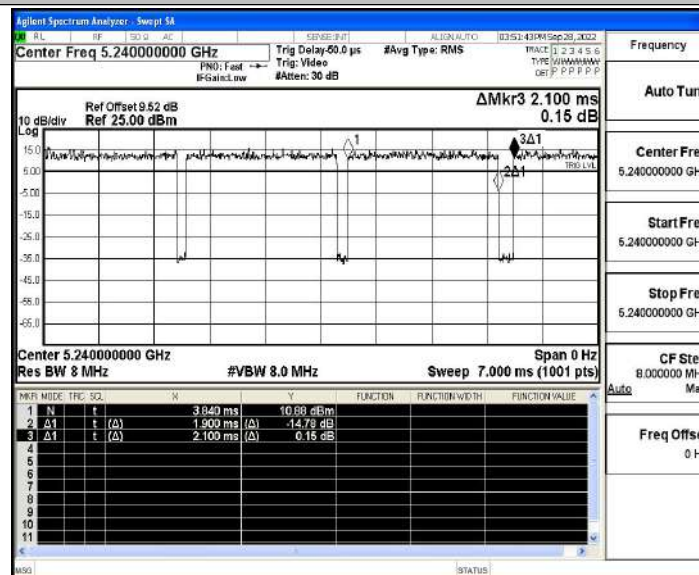


11N20SISO_Ant1_5220





11N20SISO_Ant1_5240



11N40SISO_Ant1_5190

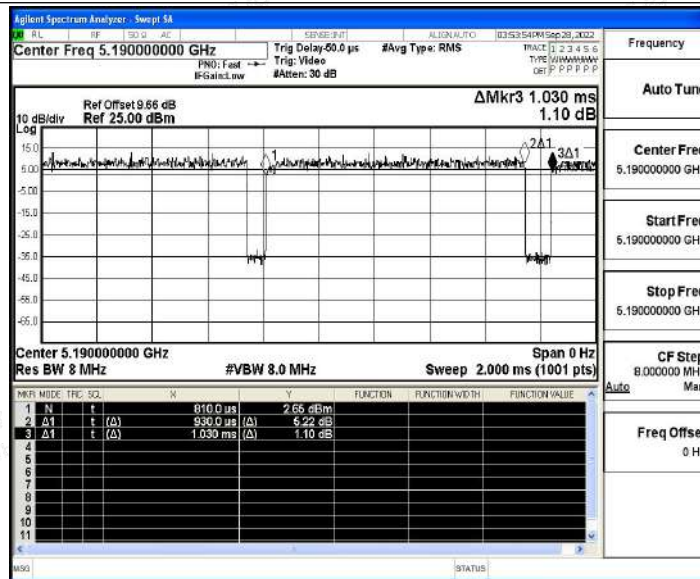


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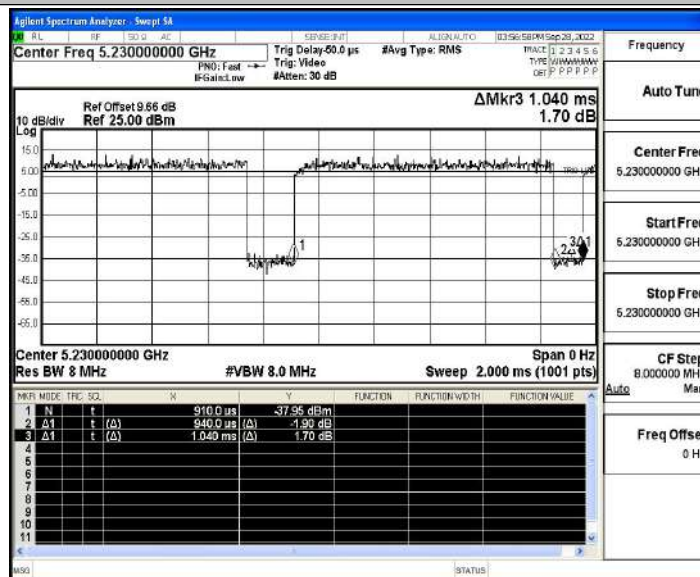
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180

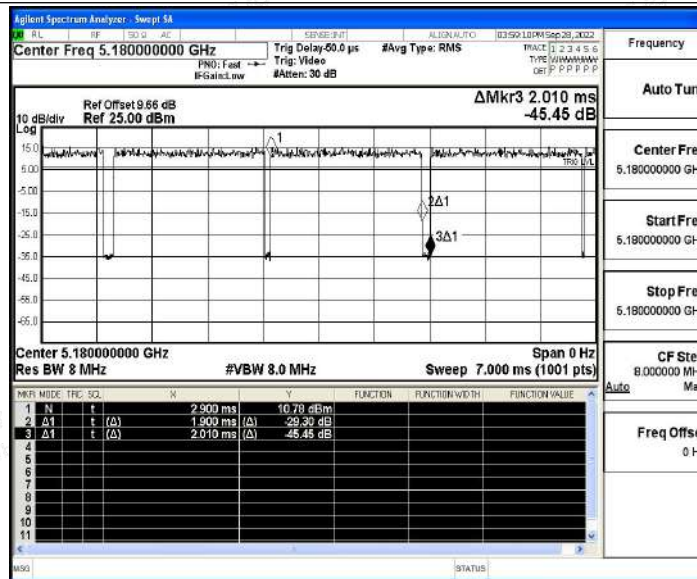


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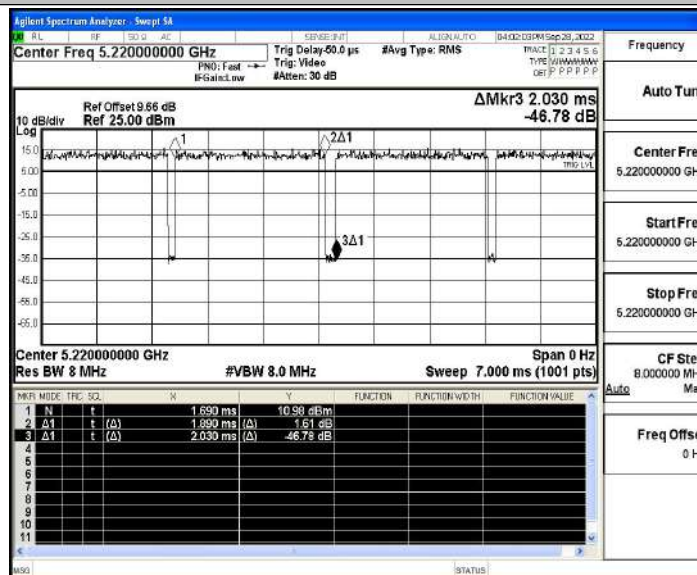
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11AC20SISO_Ant1_5220



11AC20SISO_Ant1_5240

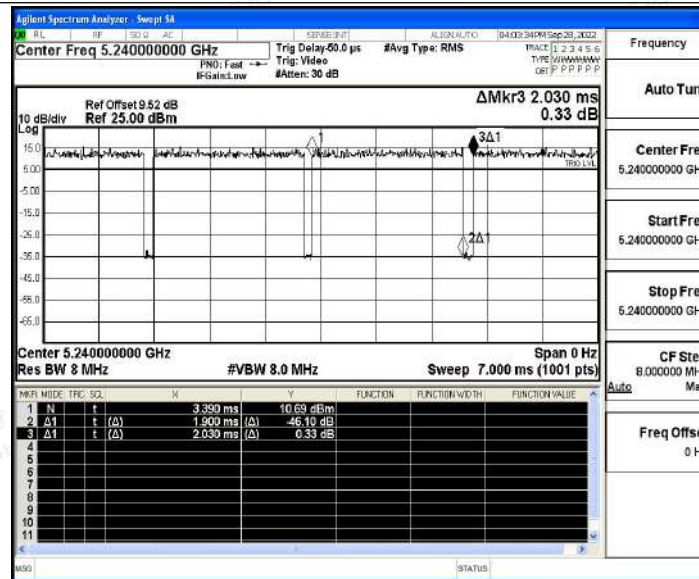


Shenzhen LCS Compliance Testing Laboratory Ltd.

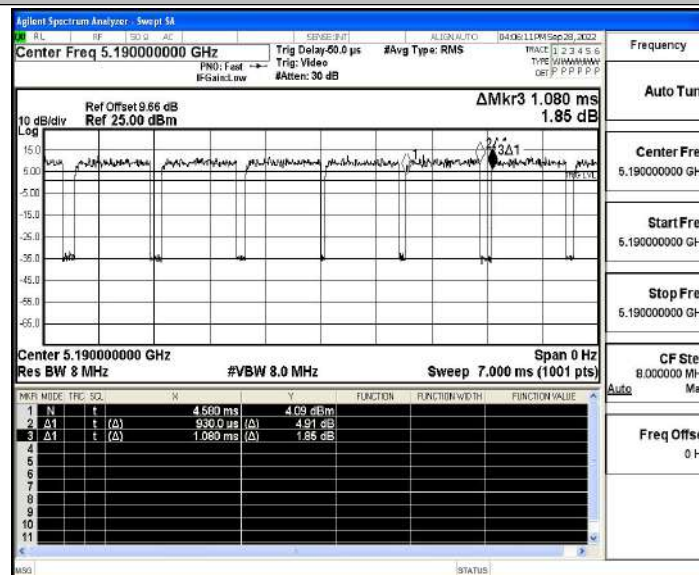
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11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230

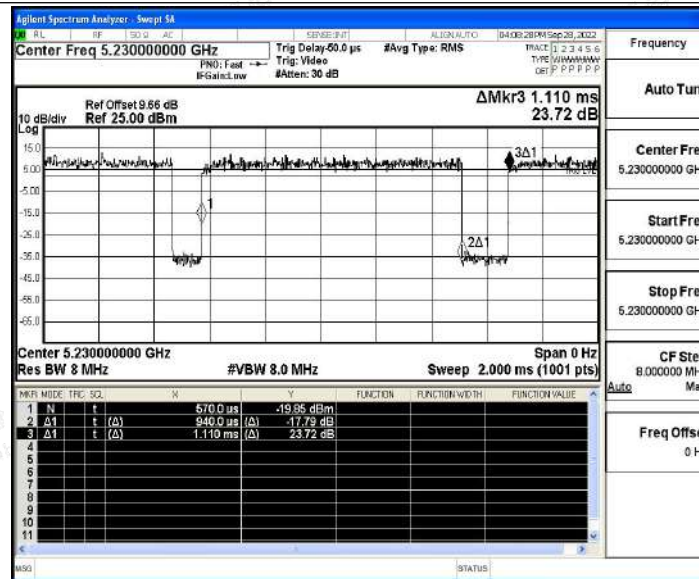


Shenzhen LCS Compliance Testing Laboratory Ltd.

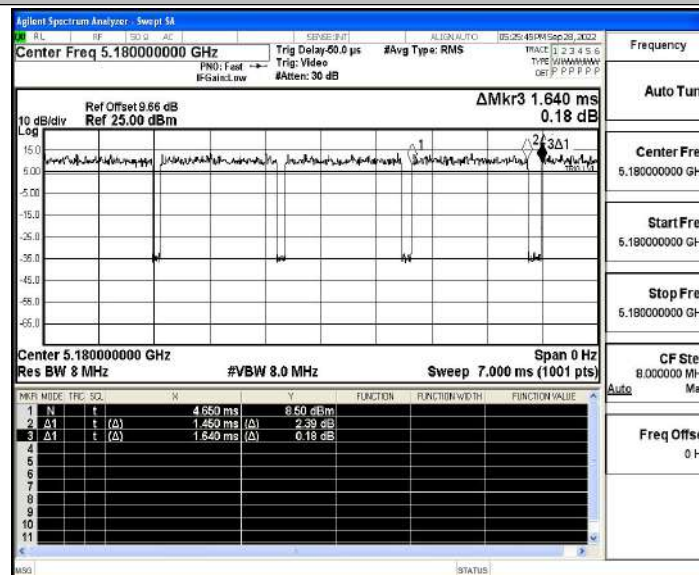
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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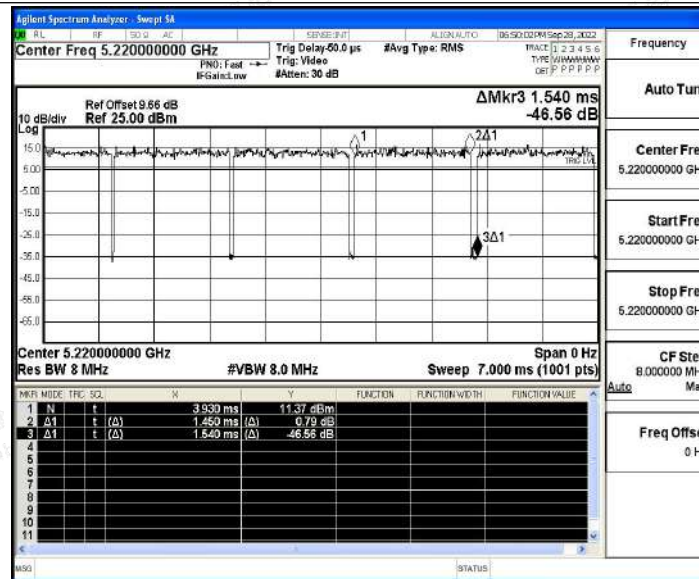


11AX20SISO_Ant1_5180

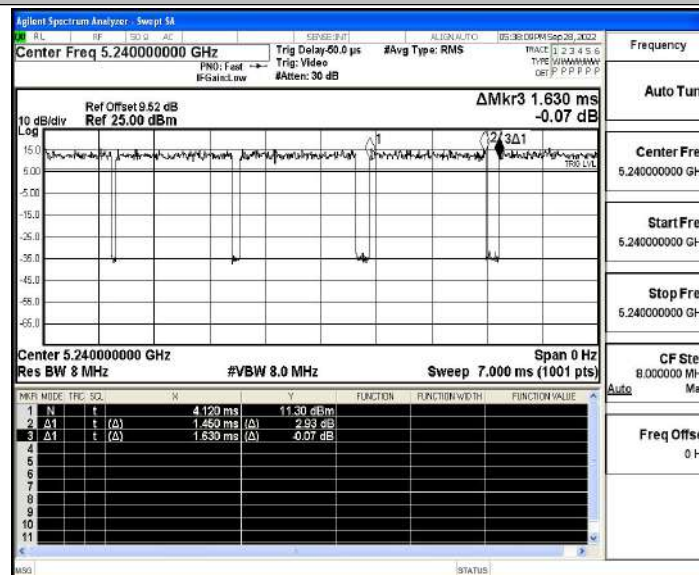


11AX20SISO_Ant1_5220





11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190

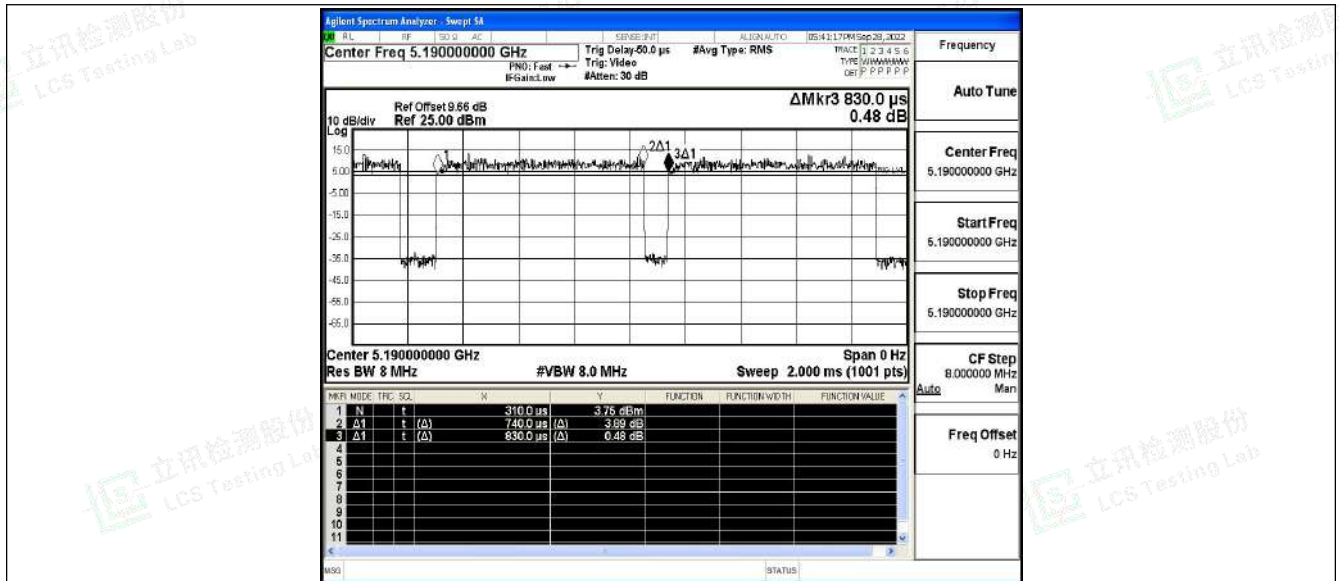


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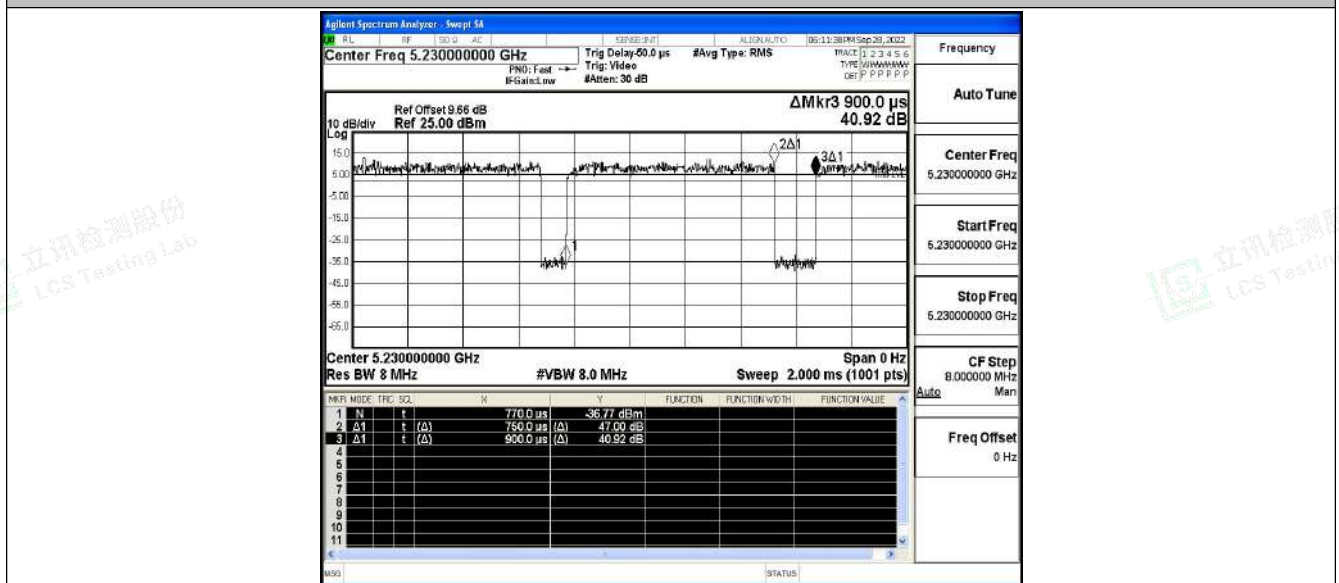
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