



Appendix D

RF Test Data for 5.2GWIFI (Conducted Measurement)

Product Name: Tablet

Test Model: 01-10967

Environmental Conditions

Temperature:	23.8 °C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Nick Peng
	<i>Nick Peng</i>
Supervised by:	Ling Zhu
	<i>Ling Zhu</i>





D.1 Emission Bandwidth

Test Result

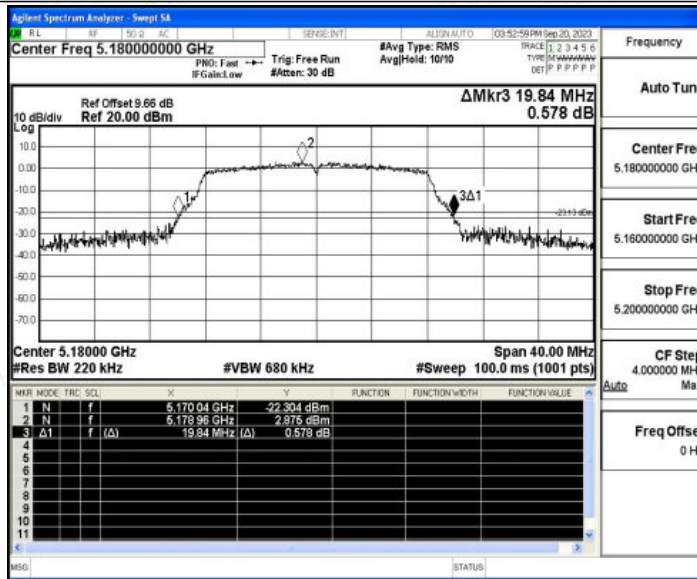
TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	19.840	5170.040	5189.880	---	---
		5220	20.080	5209.880	5229.960	---	---
		5240	19.840	5230.040	5249.880	---	---
11N20SISO	Ant1	5180	20.320	5169.840	5190.160	---	---
		5220	20.280	5209.760	5230.040	---	---
		5240	20.160	5229.920	5250.080	---	---
11N40SISO	Ant1	5190	66.800	5157.360	5224.160	---	---
		5230	40.480	5209.840	5250.320	---	---
11AC20SISO	Ant1	5180	20.320	5169.880	5190.200	---	---
		5220	20.280	5209.880	5230.160	---	---
		5240	20.360	5229.800	5250.160	---	---
11AC40SISO	Ant1	5190	40.240	5170.000	5210.240	---	---
		5230	40.320	5209.840	5250.160	---	---
11AX20SISO	Ant1	5180	20.480	5169.840	5190.320	---	---
		5220	20.360	5209.840	5230.200	---	---
		5240	20.280	5229.840	5250.120	---	---
11AX40SISO	Ant1	5190	40.960	5169.280	5210.240	---	---
		5230	40.400	5209.920	5250.320	---	---



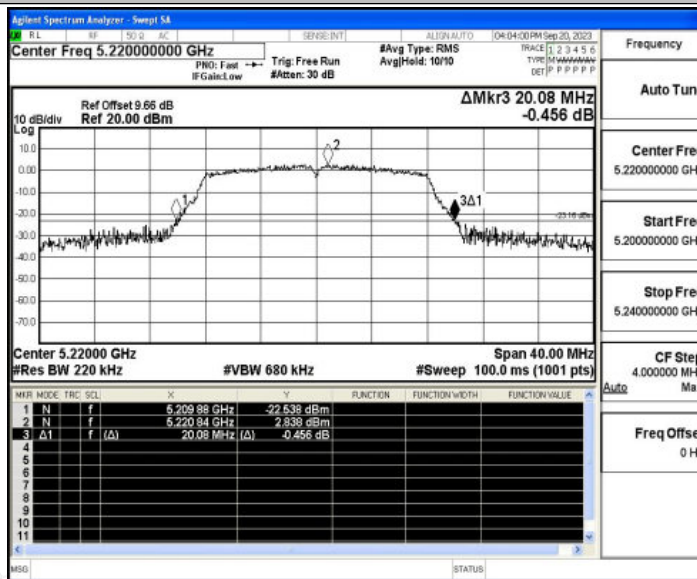


Test Graphs

11A_Ant1_5180

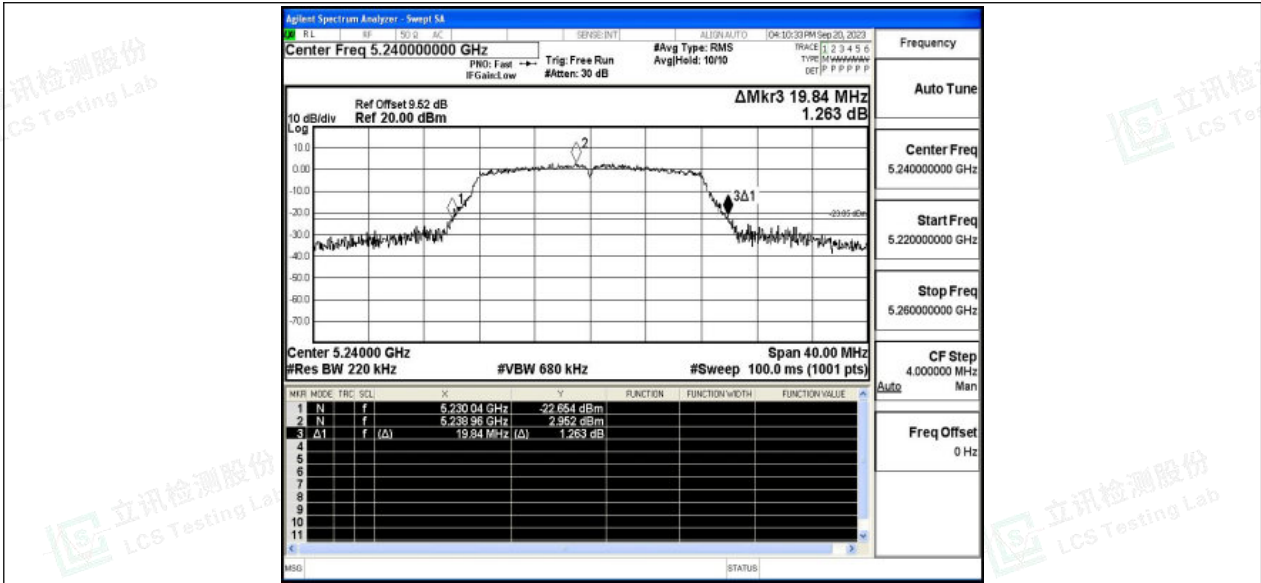


11A_Ant1_5220

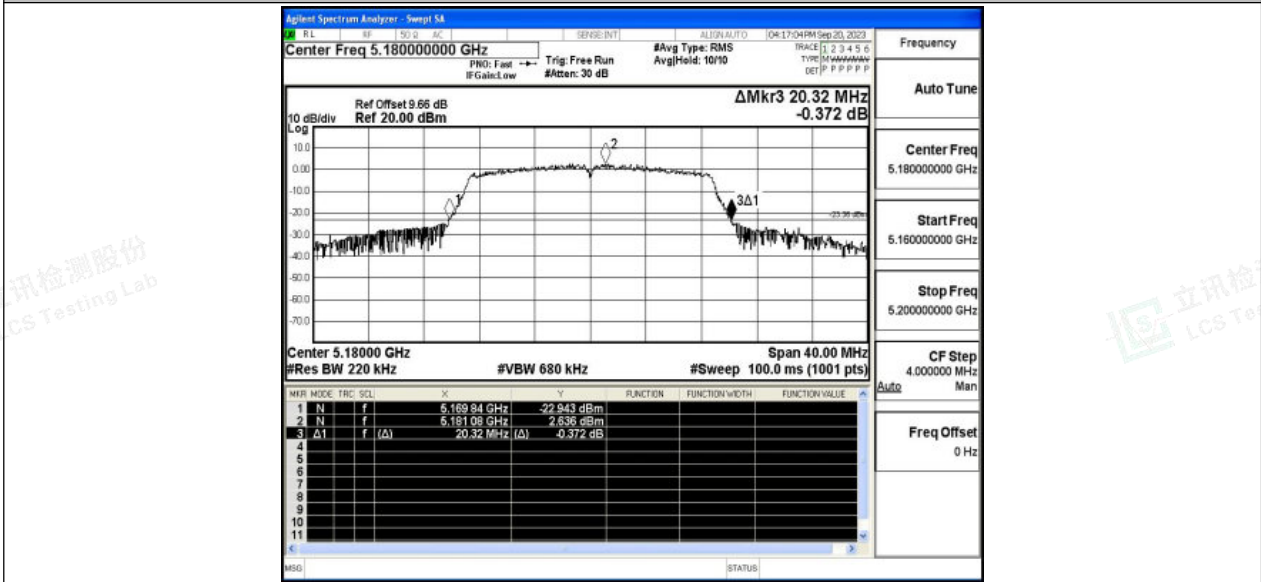


11A_Ant1_5240

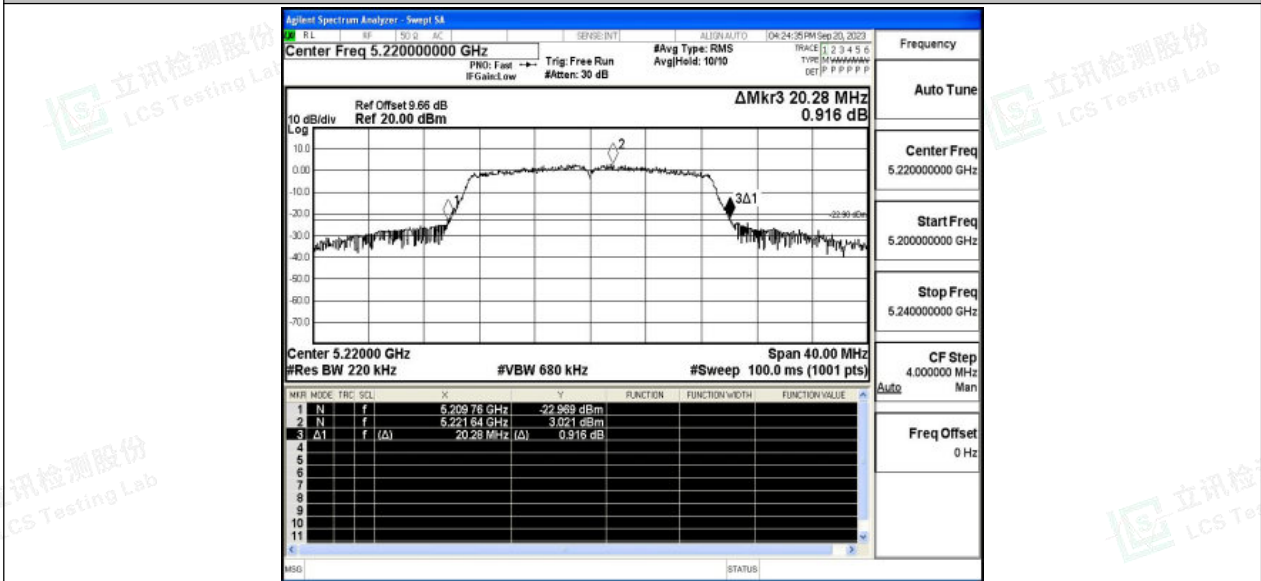




11N20SISO_Ant1_5180

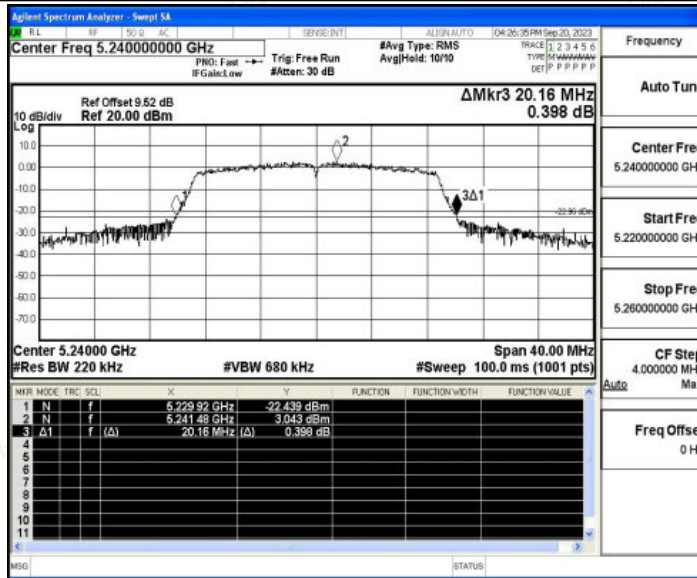


11N20SISO_Ant1_5220

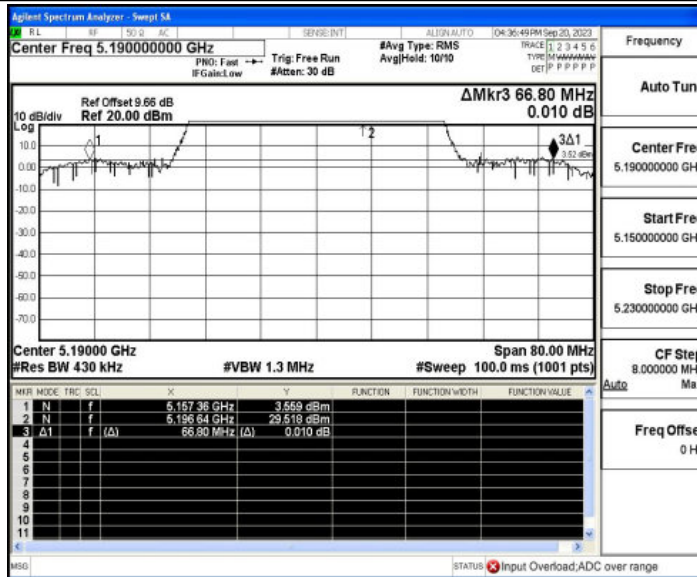




11N20SISO_Ant1_5240

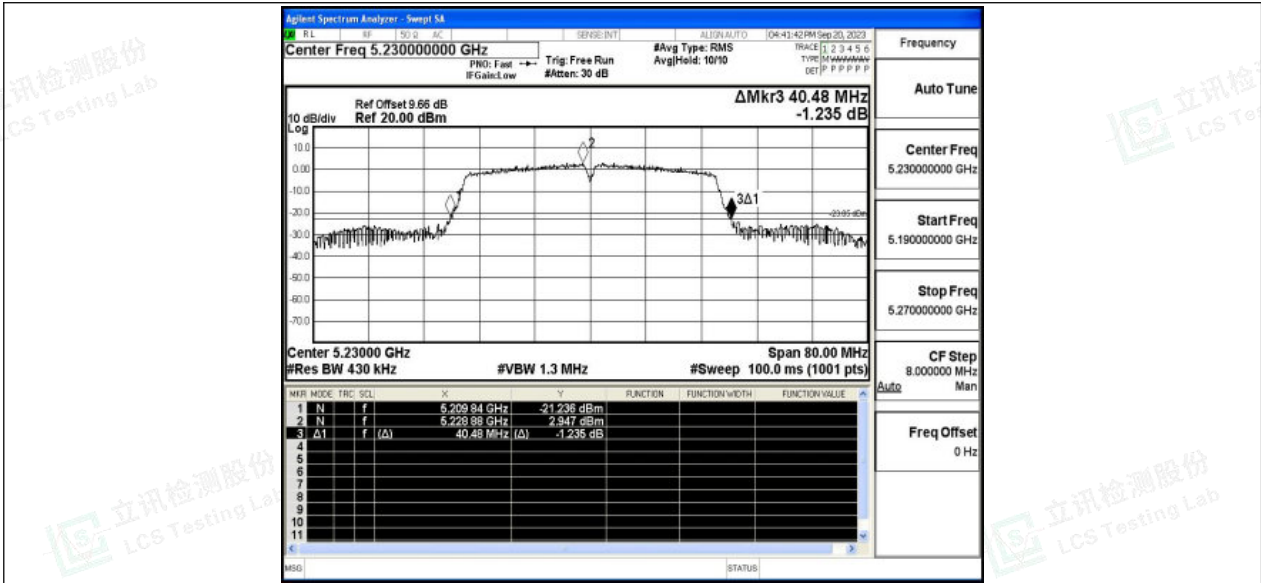


11N40SISO_Ant1_5190

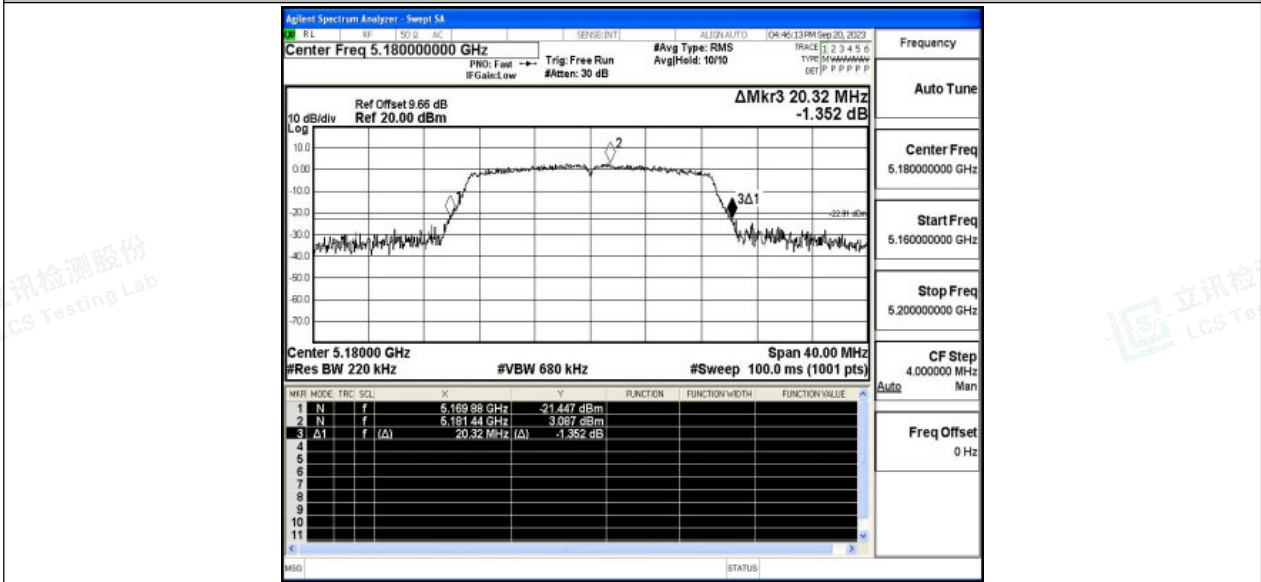


11N40SISO_Ant1_5230

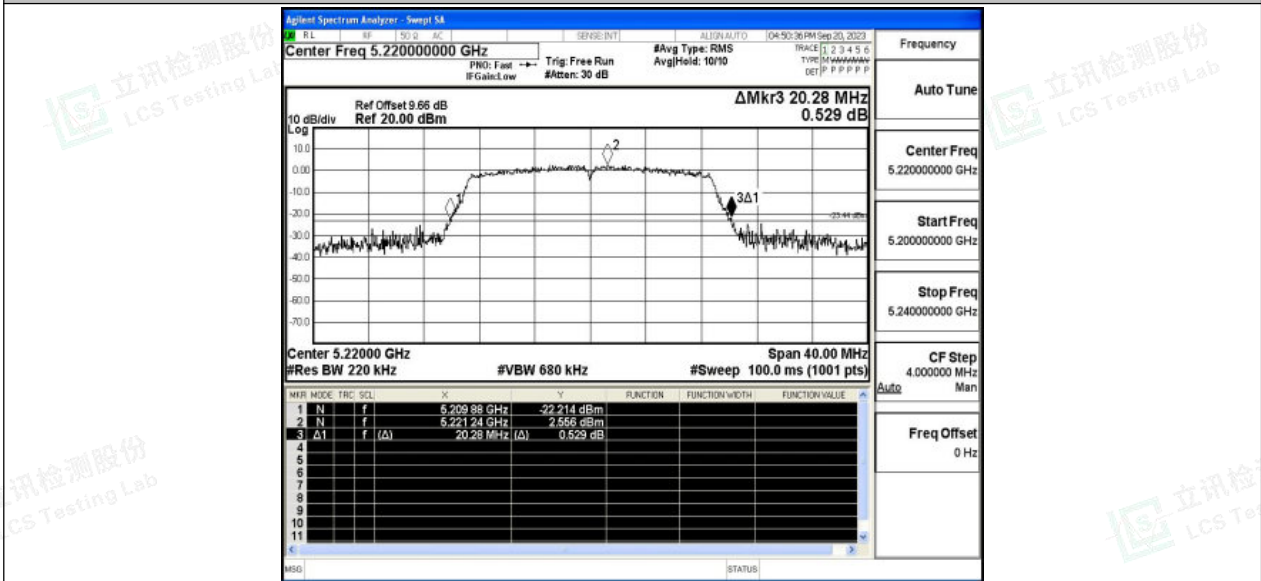




11AC20SISO_Ant1_5180

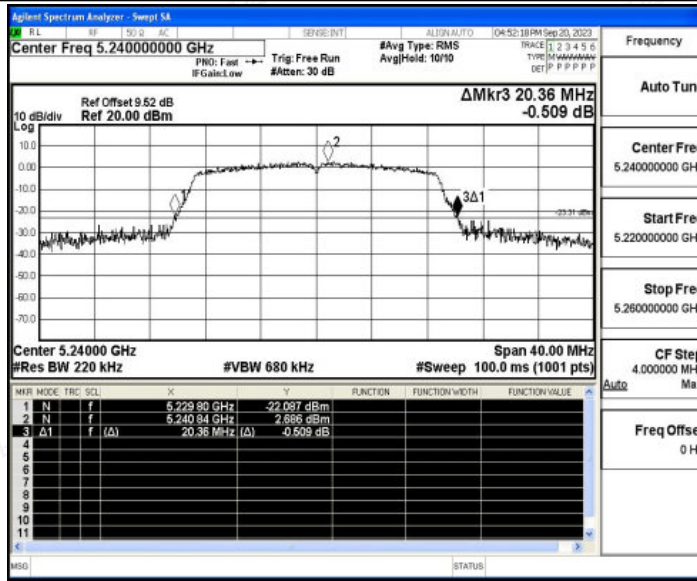


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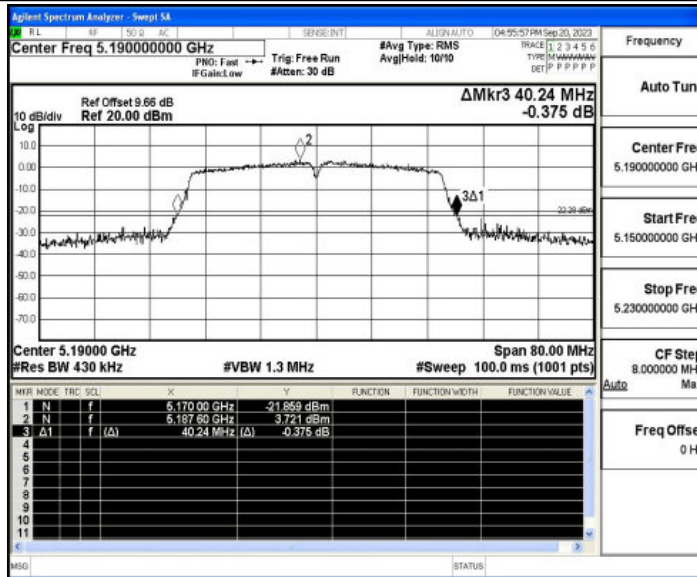




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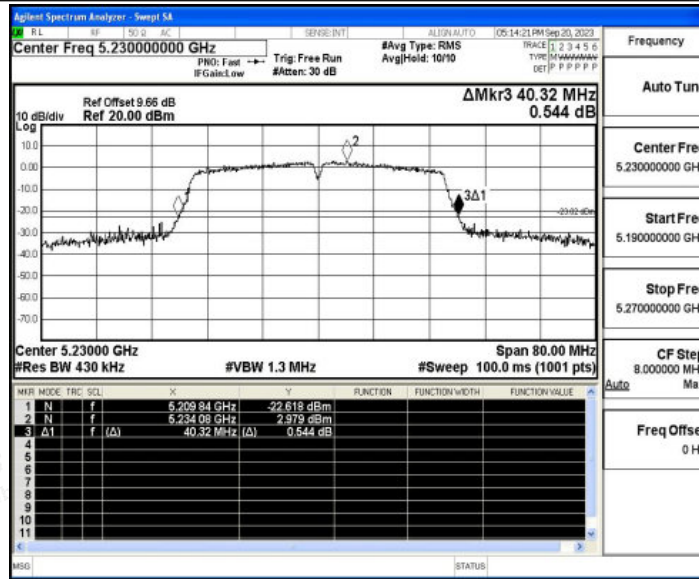


11AC40SISO_Ant1_5190

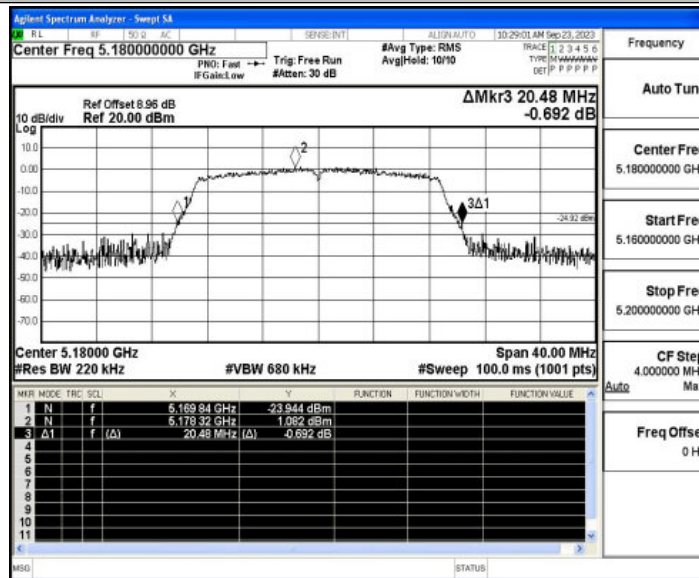


11AC40SISO_Ant1_5230

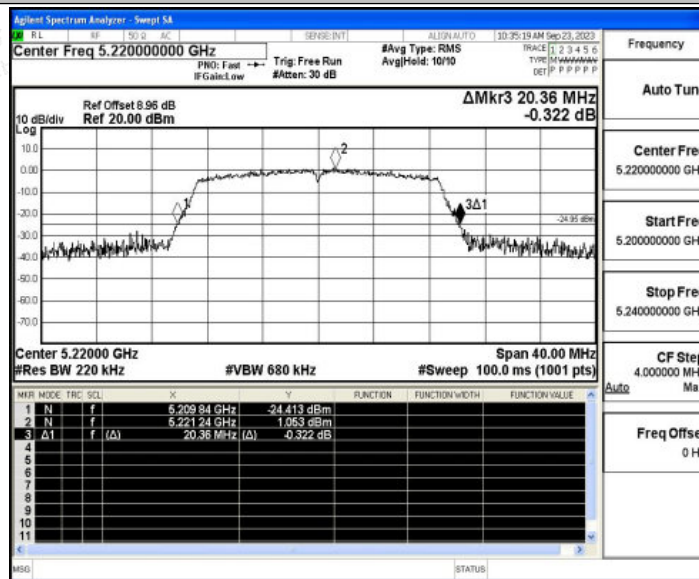




11AX20SISO_Ant1_5180

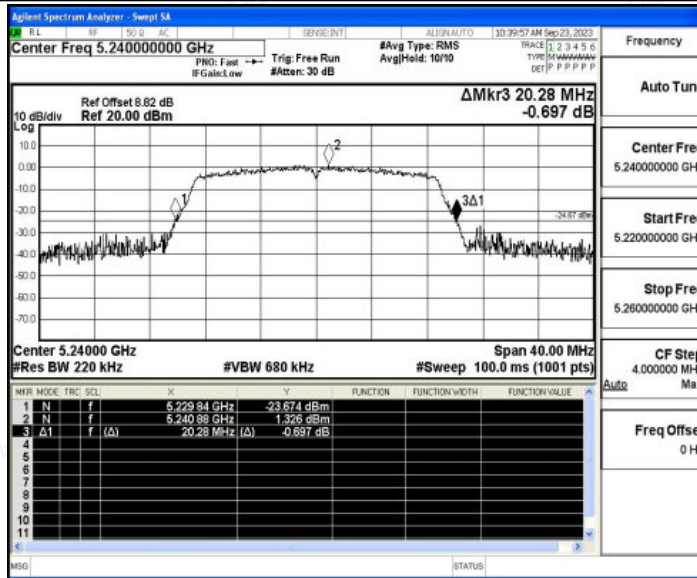


11AX20SISO_Ant1_5220

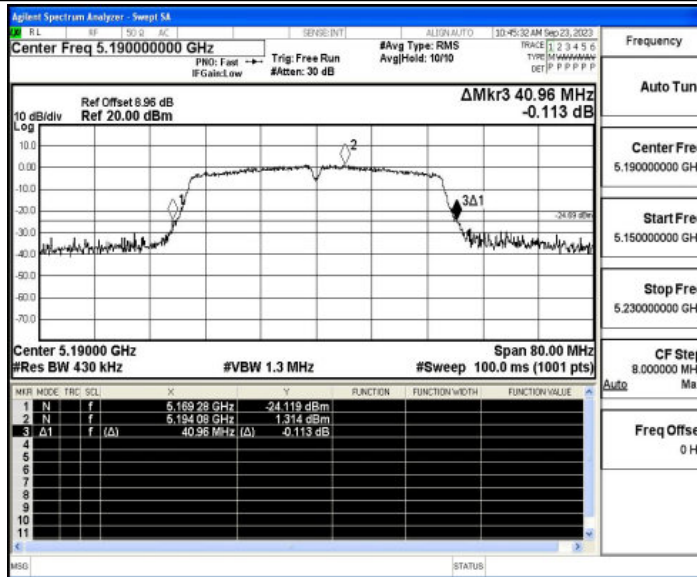




11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190

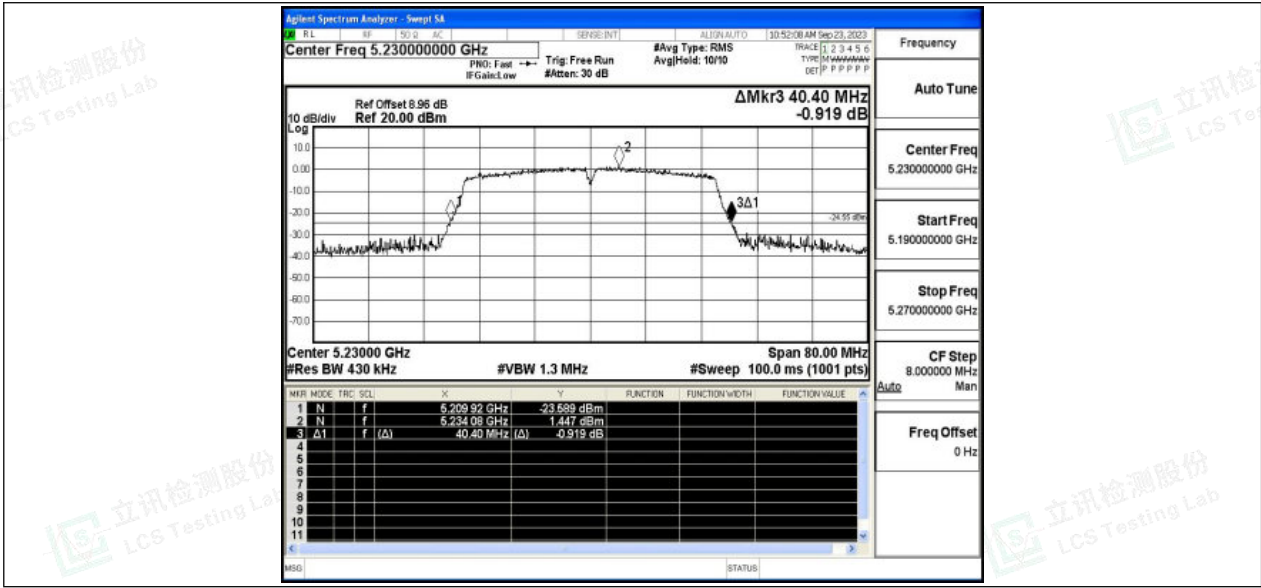


11AX40SISO_Ant1_5230





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D.2 Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	12.57	≤23.98	PASS
		5220	12.54	≤23.98	PASS
		5240	12.51	≤23.98	PASS
11N20SISO	Ant1	5180	12.41	≤23.98	PASS
		5220	12.10	≤23.98	PASS
		5240	12.09	≤23.98	PASS
11N40SISO	Ant1	5190	12.32	≤23.98	PASS
		5230	11.98	≤23.98	PASS
11AC20SISO	Ant1	5180	12.22	≤23.98	PASS
		5220	12.12	≤23.98	PASS
		5240	12.12	≤23.98	PASS
11AC40SISO	Ant1	5190	12.14	≤23.98	PASS
		5230	12.01	≤23.98	PASS
11AX20SISO	Ant1	5180	10.47	≤23.98	PASS
		5220	10.41	≤23.98	PASS
		5240	10.52	≤23.98	PASS
11AX40SISO	Ant1	5190	10.58	≤23.98	PASS
		5230	10.51	≤23.98	PASS

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





D.3 Maximum power spectral density

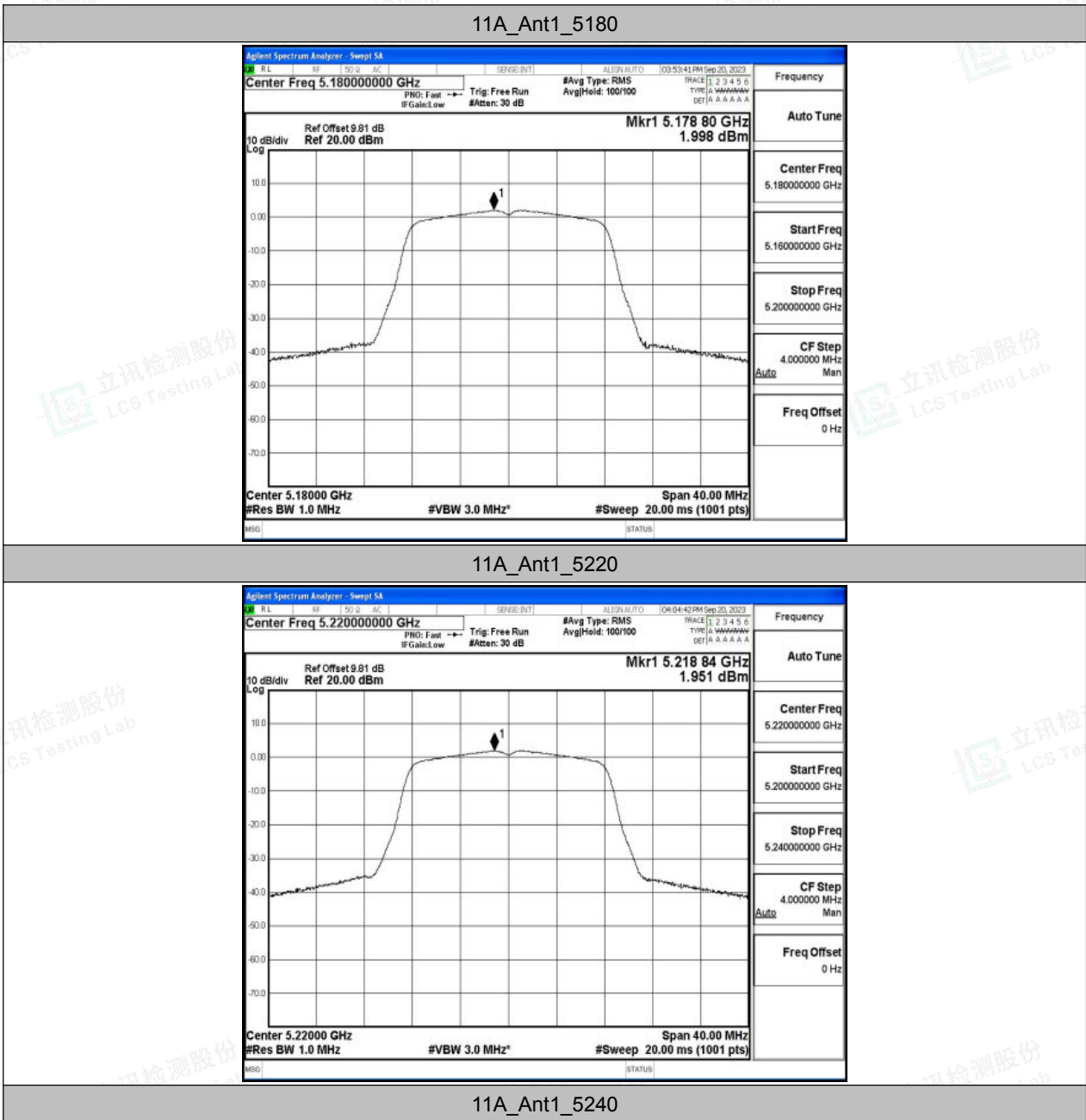
Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	2	≤11.00	PASS
		5220	1.95	≤11.00	PASS
		5240	1.95	≤11.00	PASS
11N20SISO	Ant1	5180	1.69	≤11.00	PASS
		5220	1.53	≤11.00	PASS
		5240	1.6	≤11.00	PASS
11N40SISO	Ant1	5190	-1.05	≤11.00	PASS
		5230	-1.47	≤11.00	PASS
11AC20SISO	Ant1	5180	1.69	≤11.00	PASS
		5220	1.5	≤11.00	PASS
		5240	1.52	≤11.00	PASS
11AC40SISO	Ant1	5190	-1.23	≤11.00	PASS
		5230	-1.44	≤11.00	PASS
11AX20SISO	Ant1	5180	-0.12	≤11.00	PASS
		5220	-0.16	≤11.00	PASS
		5240	0	≤11.00	PASS
11AX40SISO	Ant1	5190	-2.87	≤11.00	PASS
		5230	-2.9	≤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.

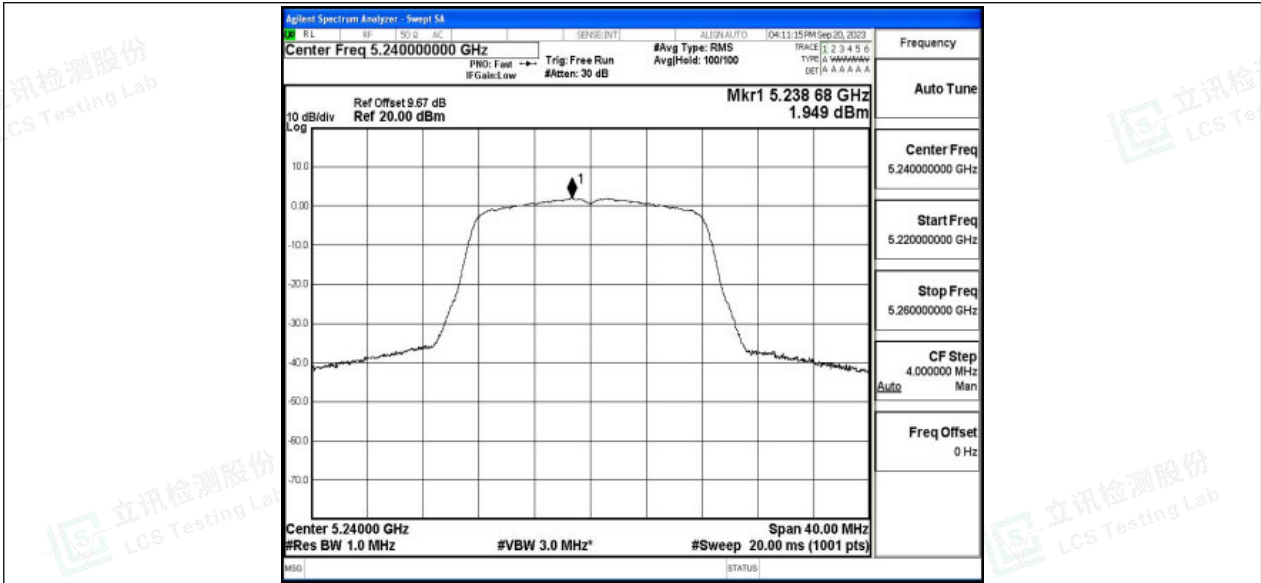


Test Graphs

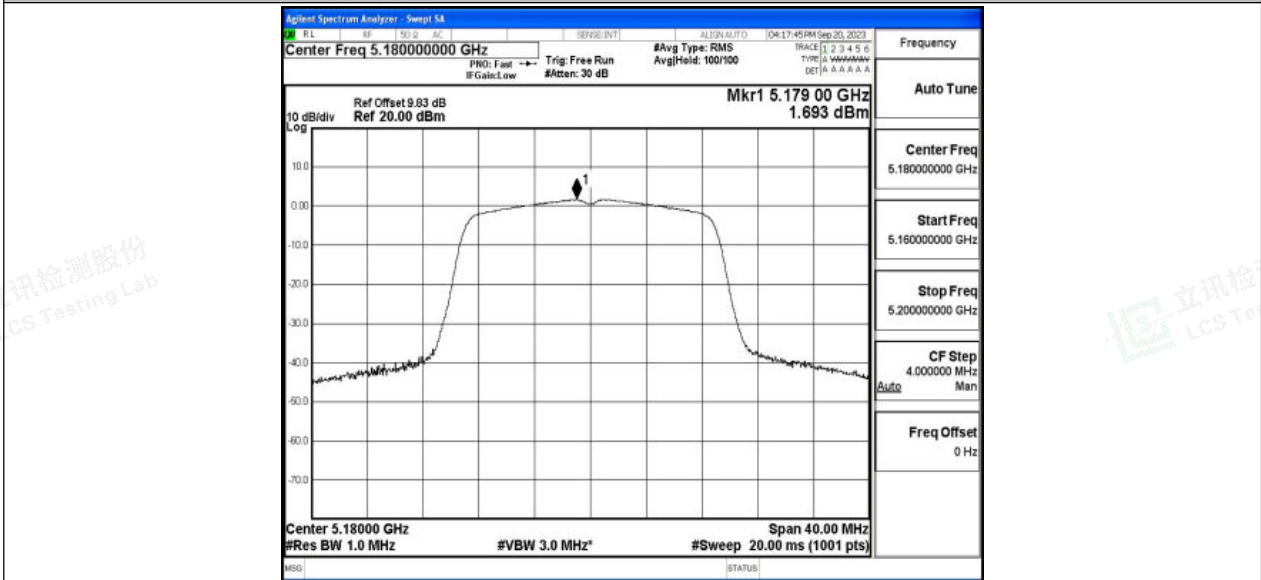




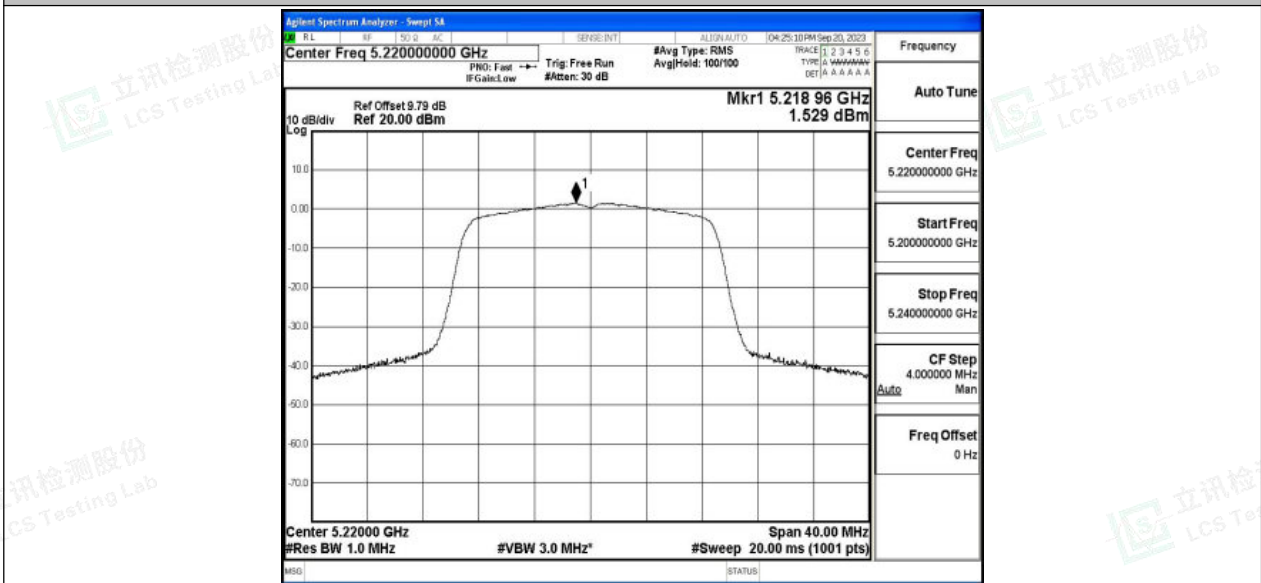
LC SA00143013EE



11N20SISO_Ant1_5180



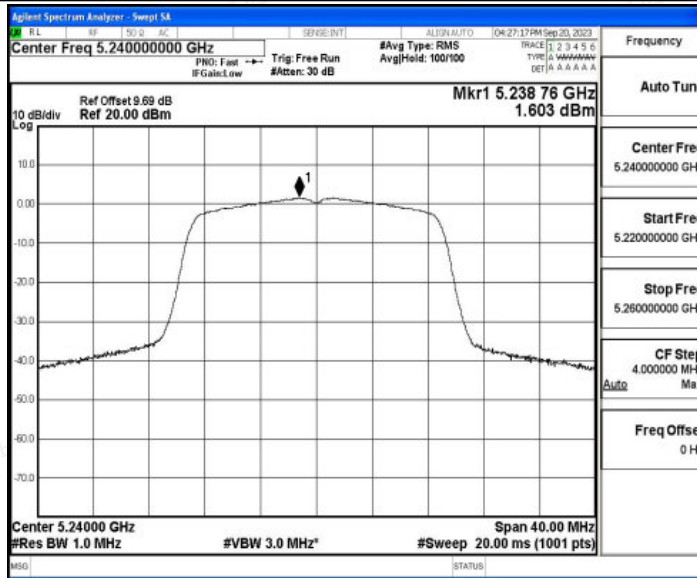
11N20SISO_Ant1_5220



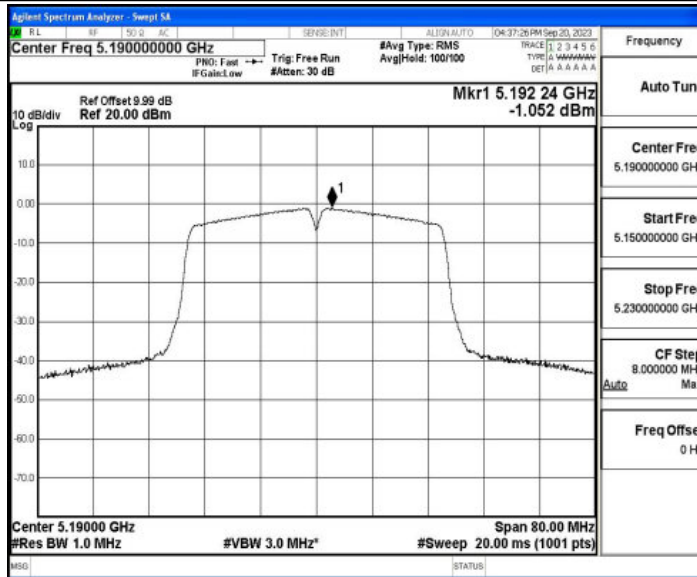


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11N20SISO_Ant1_5240



11N40SISO_Ant1_5190

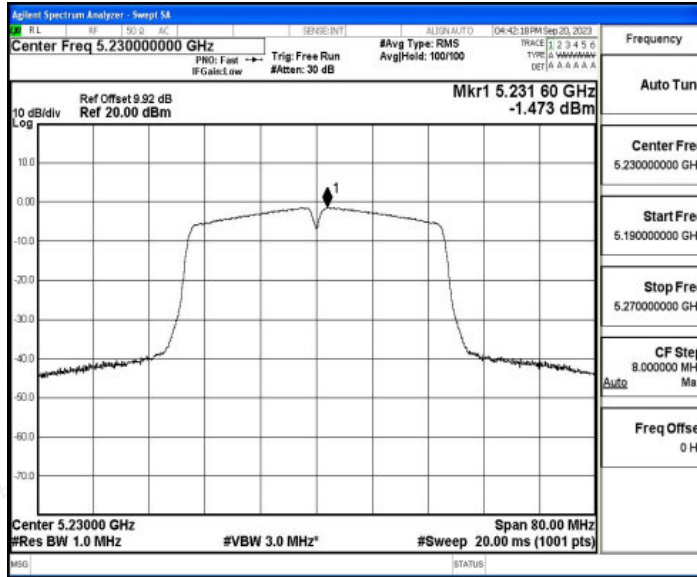


11N40SISO_Ant1_5230

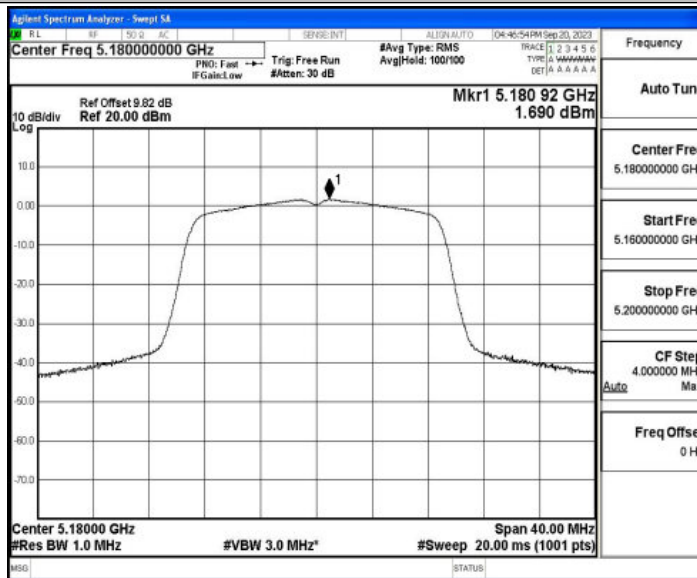




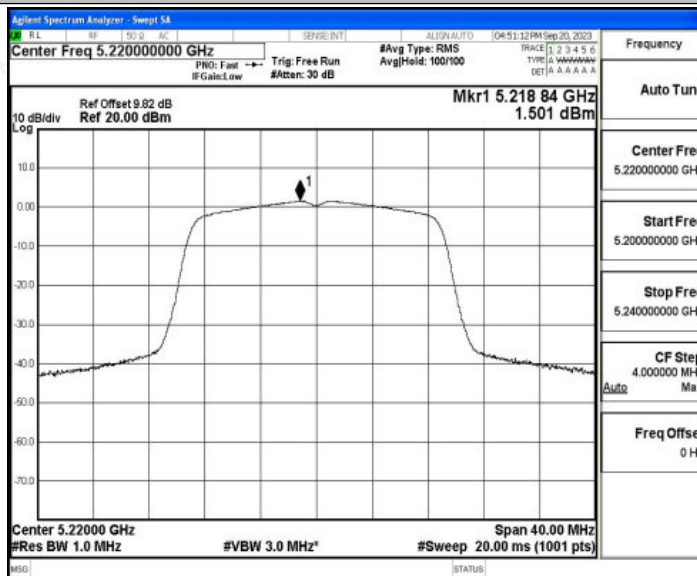
LC-SA-20143013EE



11AC20SISO_Ant1_5180



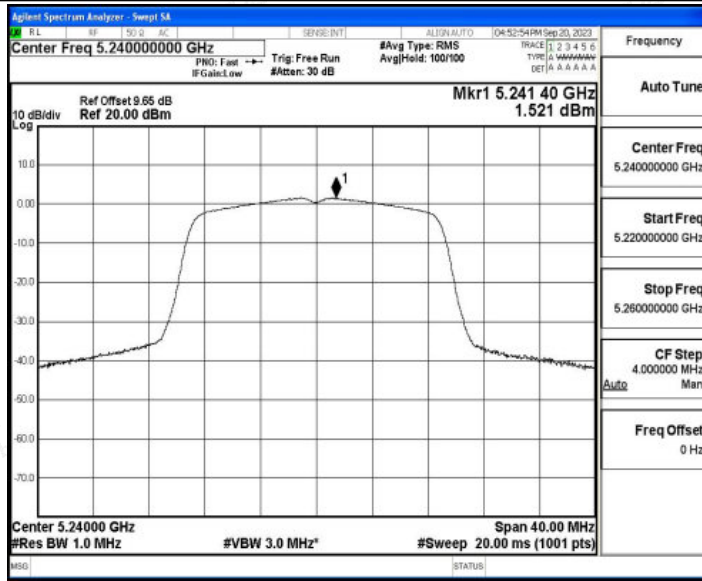
11AC20SISO_Ant1_5220



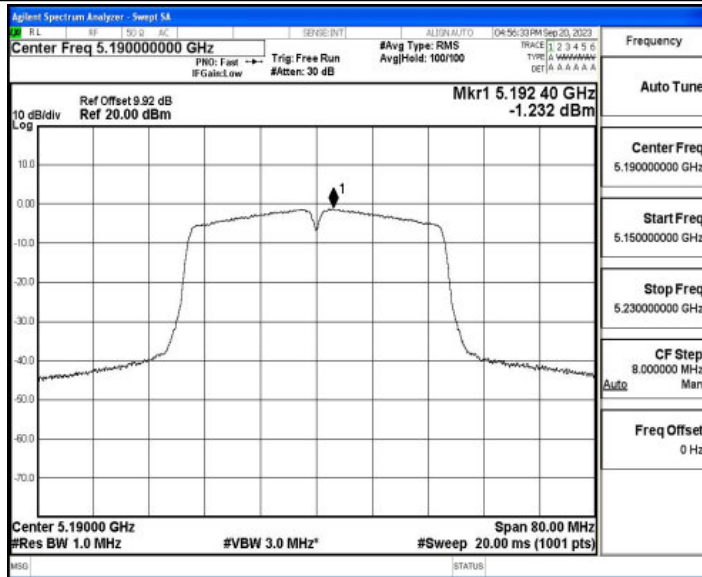


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11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190

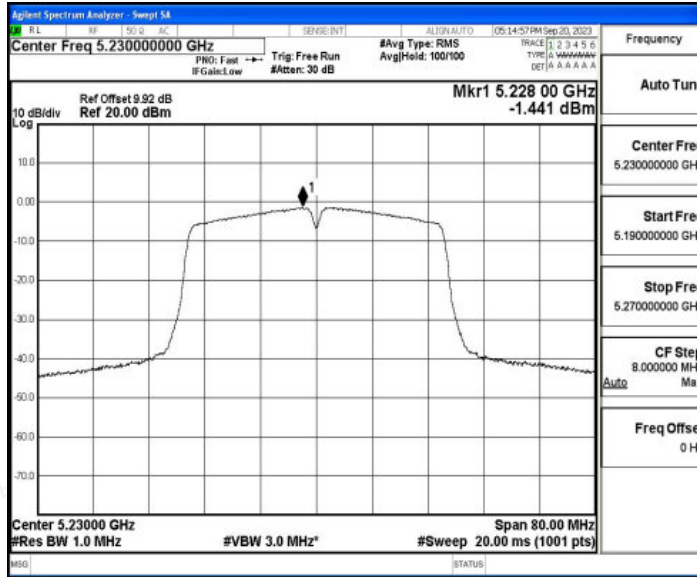


11AC40SISO_Ant1_5230

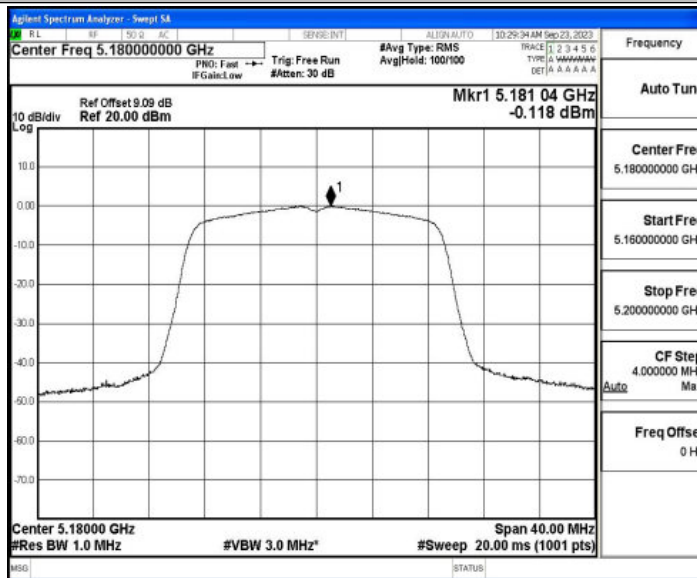




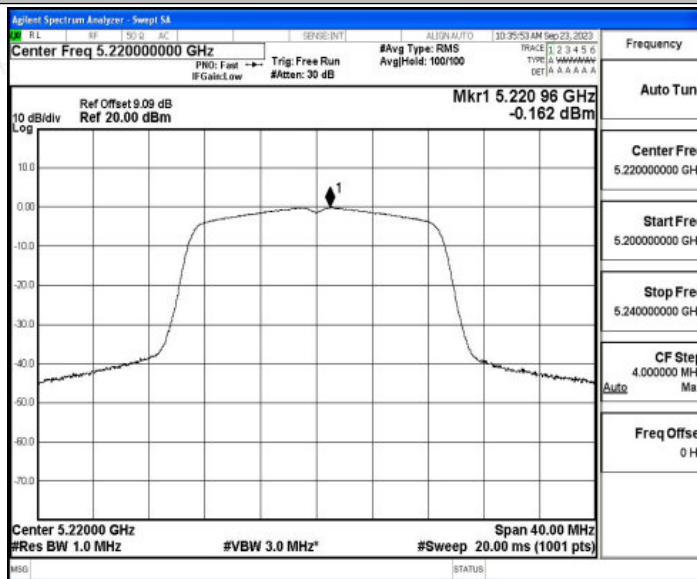
LCSA00143013EE



11AX20SISO_Ant1_5180



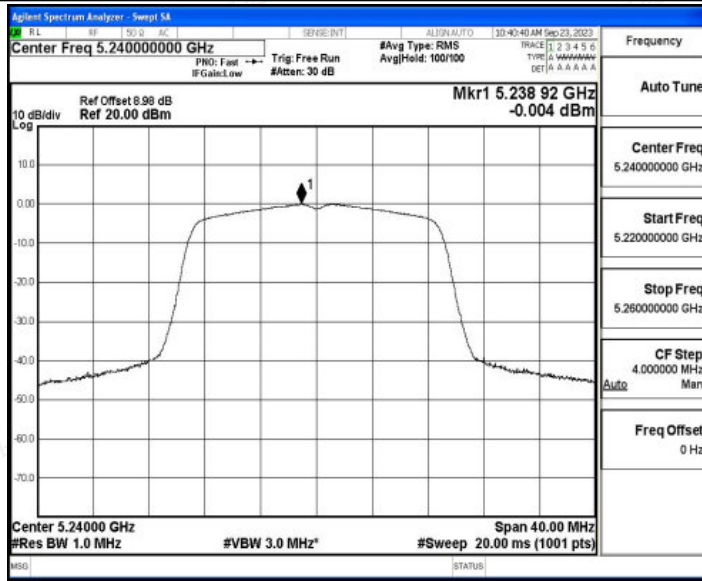
11AX20SISO_Ant1_5220



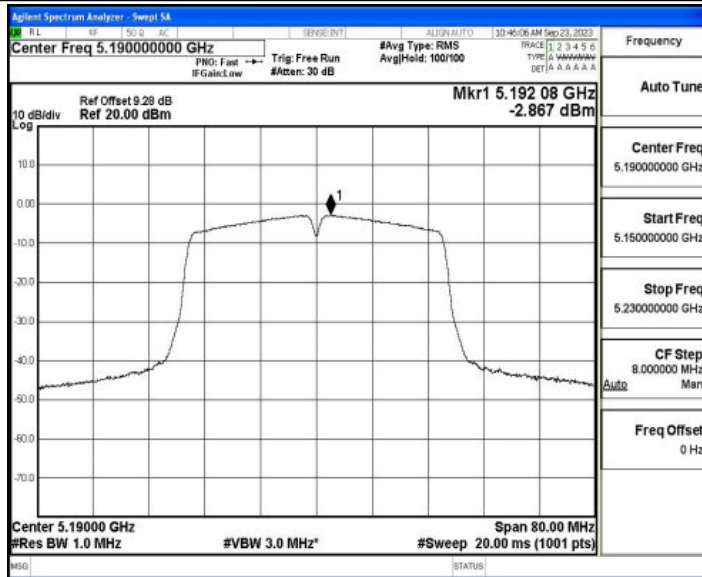


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11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190

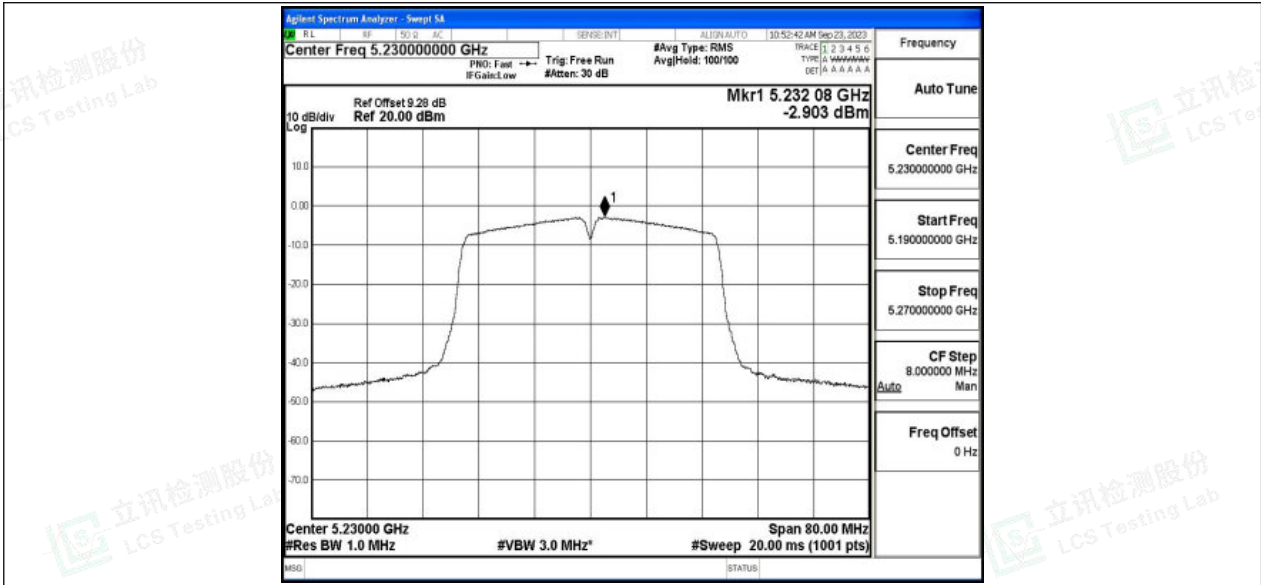


11AX40SISO_Ant1_5230





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D.4 Emissions in Restricted Bands

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	Detector	Freq [MHz]	Result [dBm]	Gain (dBi)	E (dBuV/m)	Limit [dBuV/m]	Verdict
11A	Ant1	Low	5180	AV	4500.000	-57.77	2.36	39.82	≤54	PASS
				AV	5149.600	-44.81	2.36	52.78	≤54	PASS
				AV	5150.000	-44.45	2.36	53.14	≤54	PASS
				Peak	4500.000	-50.25	2.36	47.34	≤74	PASS
				Peak	5148.200	-35.99	2.36	61.60	≤74	PASS
				Peak	5150.000	-36.77	2.36	60.82	≤74	PASS
		High	5240	AV	5350.000	-54.07	2.36	43.52	≤54	PASS
				AV	5351.520	-54.06	2.36	43.53	≤54	PASS
				AV	5460.000	-56.05	2.36	41.54	≤54	PASS
				Peak	5350.000	-50.55	2.36	47.04	≤74	PASS
				Peak	5401.680	-47.27	2.36	50.32	≤74	PASS
				Peak	5460.000	-50.72	2.36	46.87	≤74	PASS
11N20 SISO	Ant1	Low	5180	AV	4500.000	-57.92	2.36	39.67	≤54	PASS
				AV	5149.600	-45.63	2.36	51.96	≤54	PASS
				AV	5150.000	-45.67	2.36	51.92	≤54	PASS
				Peak	4500.000	-50.65	2.36	46.94	≤74	PASS
				Peak	5143.300	-35.57	2.36	62.02	≤74	PASS
				Peak	5150.000	-36.21	2.36	61.38	≤74	PASS
		High	5240	AV	5350.000	-54.13	2.36	43.46	≤54	PASS
				AV	5352.000	-53.88	2.36	43.71	≤54	PASS
				AV	5460.000	-56.21	2.36	41.38	≤54	PASS
				Peak	5350.000	-48.66	2.36	48.93	≤74	PASS
				Peak	5400.000	-45.38	2.36	52.21	≤74	PASS
				Peak	5460.000	-51.84	2.36	45.75	≤74	PASS
11N40 SISO	Ant1	Low	5190	AV	4500.000	-57.64	2.36	39.95	≤54	PASS
				AV	5149.600	-50.28	2.36	47.31	≤54	PASS
				AV	5150.000	-50.98	2.36	46.61	≤54	PASS
				Peak	4500.000	-50.74	2.36	46.85	≤74	PASS
				Peak	5144.000	-43.23	2.36	54.36	≤74	PASS
				Peak	5150.000	-40.82	2.36	56.77	≤74	PASS
		High	5230	AV	5350.000	-53.49	2.36	44.10	≤54	PASS
				AV	5350.280	-53.44	2.36	44.15	≤54	PASS
				AV	5460.000	-55.98	2.36	41.61	≤54	PASS
				Peak	5350.000	-48.4	2.36	49.19	≤74	PASS
				Peak	5363.280	-44.13	2.36	53.46	≤74	PASS
				Peak	5460.000	-49.82	2.36	47.77	≤74	PASS
11AC2	Ant1	Low	5180	AV	4500.000	-57.81	2.36	39.78	≤54	PASS





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OSISO				AV	5149.600	-44.78	2.36	52.81	≤54	PASS
				AV	5150.000	-44.92	2.36	52.67	≤54	PASS
				Peak	4500.000	-49.96	2.36	47.63	≤74	PASS
				Peak	5146.800	-34.38	2.36	63.21	≤74	PASS
				Peak	5150.000	-36.49	2.36	61.10	≤74	PASS
		High	5240	AV	5350.000	-54.05	2.36	43.54	≤54	PASS
				AV	5351.760	-53.74	2.36	43.85	≤54	PASS
				AV	5460.000	-56.12	2.36	41.47	≤54	PASS
				Peak	5350.000	-47.14	2.36	50.45	≤74	PASS
				Peak	5355.600	-45.5	2.36	52.09	≤74	PASS
11AC4 OSISO	Ant1	Low	5190	AV	4500.000	-57.67	2.36	39.92	≤54	PASS
				AV	5137.700	-51.94	2.36	45.65	≤54	PASS
				AV	5150.000	-52.21	2.36	45.38	≤54	PASS
				Peak	4500.000	-52.33	2.36	45.26	≤74	PASS
				Peak	5130.000	-44.93	2.36	52.66	≤74	PASS
		High	5230	Peak	5150.000	-46.92	2.36	50.67	≤74	PASS
				AV	5350.000	-53.63	2.36	43.96	≤54	PASS
				AV	5350.540	-53.55	2.36	44.04	≤54	PASS
				AV	5460.000	-55.82	2.36	41.77	≤54	PASS
				Peak	5350.000	-47.88	2.36	49.71	≤74	PASS
11AX20 SISO	Ant1	Low	5180	Peak	5352.100	-44.04	2.36	53.55	≤74	PASS
				Peak	5460.000	-51.39	2.36	46.20	≤74	PASS
				AV	4500.000	-58.5	2.36	39.09	≤54	PASS
				AV	5148.900	-48.54	2.36	49.05	≤54	PASS
				AV	5150.000	-48.46	2.36	49.13	≤54	PASS
		High	5240	Peak	4500.000	-51.74	2.36	45.85	≤74	PASS
				Peak	5149.600	-46.17	2.36	51.42	≤74	PASS
				Peak	5150.000	-50.01	2.36	47.58	≤74	PASS
				AV	5350.000	-54.79	2.36	42.80	≤54	PASS
				AV	5351.760	-54.74	2.36	42.85	≤54	PASS
11AX40 SISO	Ant1	Low	5190	AV	5460.000	-56.74	2.36	40.85	≤54	PASS
				Peak	5350.000	-52.4	2.36	45.19	≤74	PASS
				Peak	5362.320	-46.31	2.36	51.28	≤74	PASS
				Peak	5460.000	-52.51	2.36	45.08	≤74	PASS
				AV	4500.000	-58.39	2.36	39.20	≤54	PASS
		High	5230	AV	5148.200	-42.98	2.36	54.61	≤54	PASS
				AV	5150.000	-43.22	2.36	54.37	≤54	PASS
				Peak	4500.000	-54.33	2.36	43.26	≤74	PASS
				Peak	5149.600	-35.46	2.36	62.13	≤74	PASS
				Peak	5150.000	-42.93	2.36	54.66	≤74	PASS
AV	5350.000	-54.56	2.36	43.03	≤54	PASS				
AV	5352.100	-54.28	2.36	43.31	≤54	PASS				





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			AV	5460.000	-56.45	2.36	41.14	≤54	PASS
			Peak	5350.000	-48.18	2.36	49.41	≤74	PASS
			Peak	5352.360	-46.23	2.36	51.36	≤74	PASS
			Peak	5460.000	-50.89	2.36	46.70	≤74	PASS

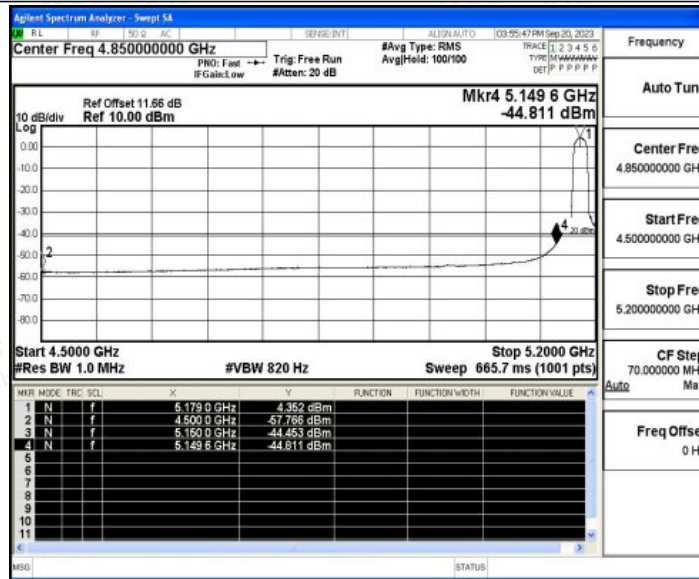
Note:

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.

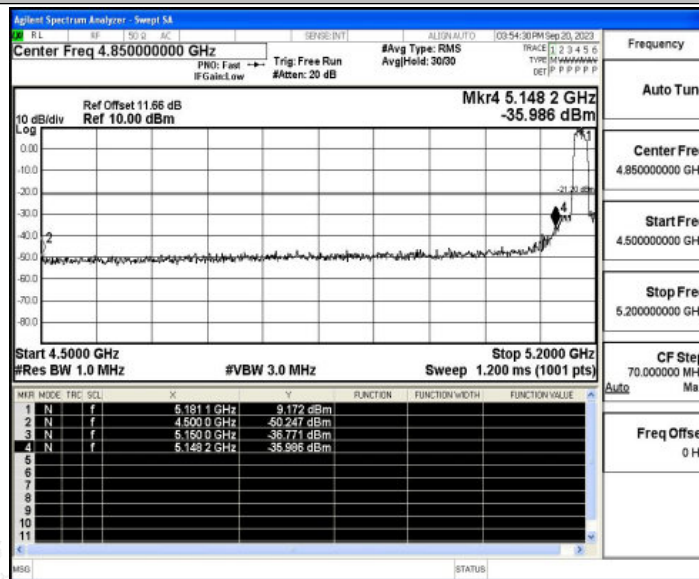


Test Graphs

11A_Ant1_Low_5180_AV

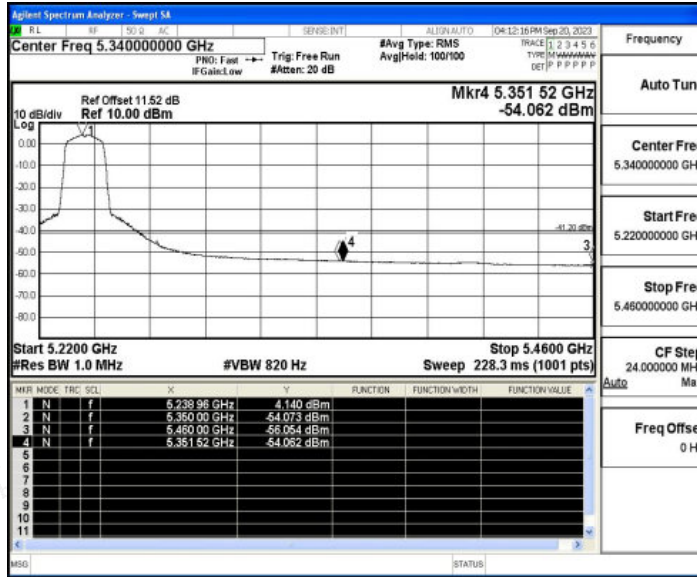


11A_Ant1_Low_5180_Peak

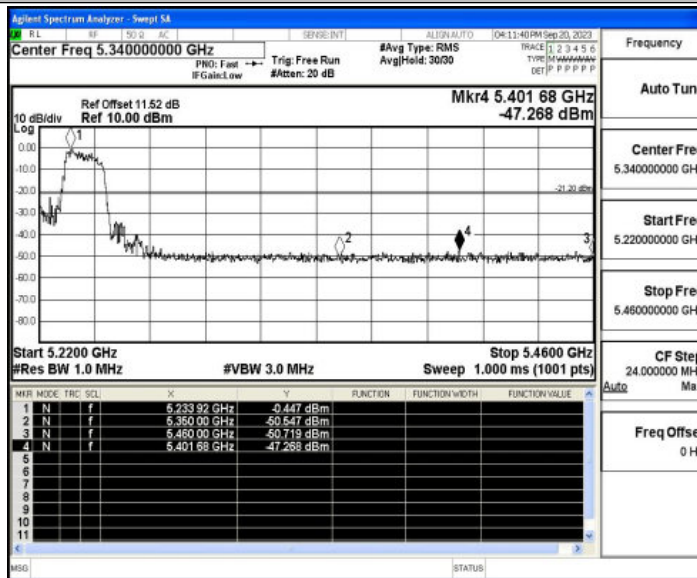


11A_Ant1_High_5240_AV

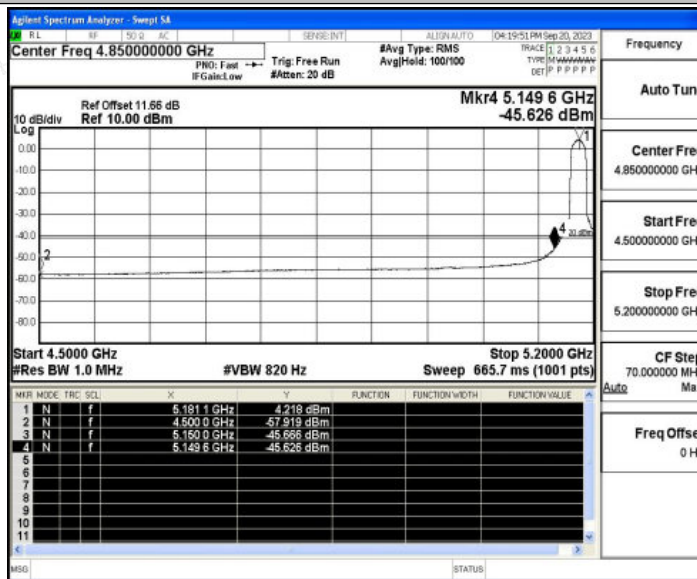




11A_Ant1_High_5240_Peak



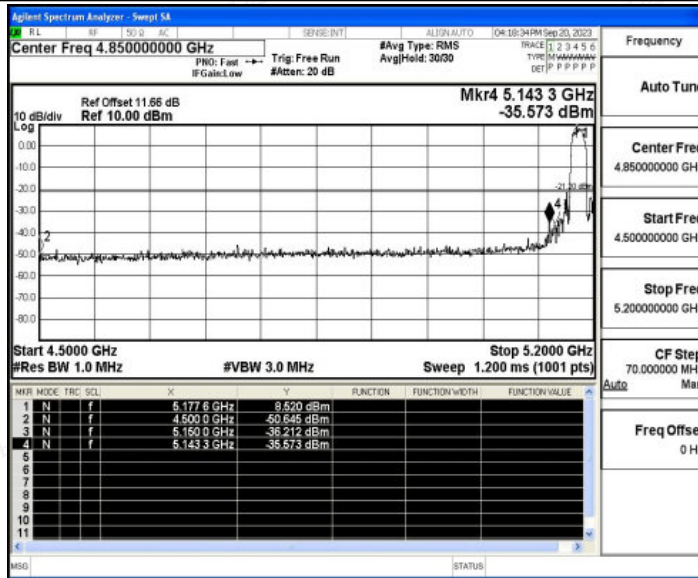
11N20SISO_Ant1_Low_5180_AV



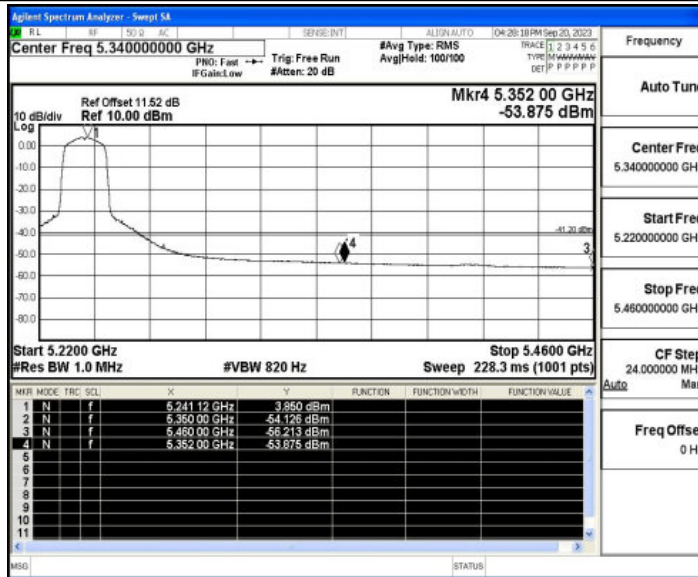


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11N20SISO_Ant1_Low_5180_Peak



11N20SISO_Ant1_High_5240_AV

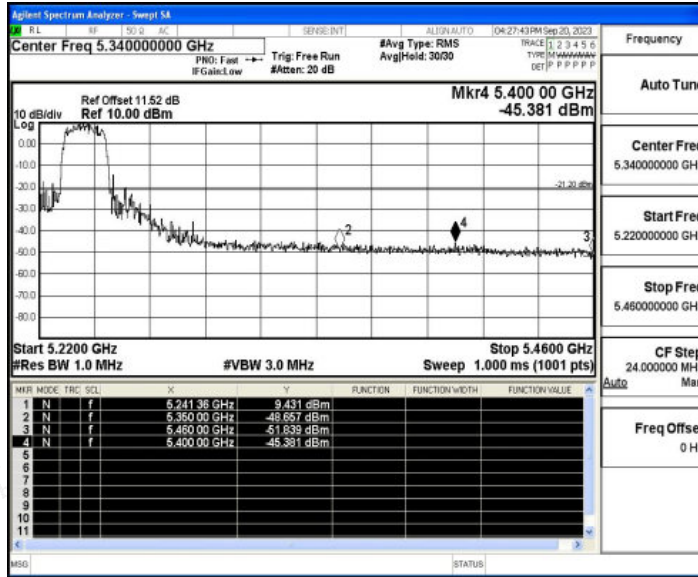


11N20SISO_Ant1_High_5240_Peak

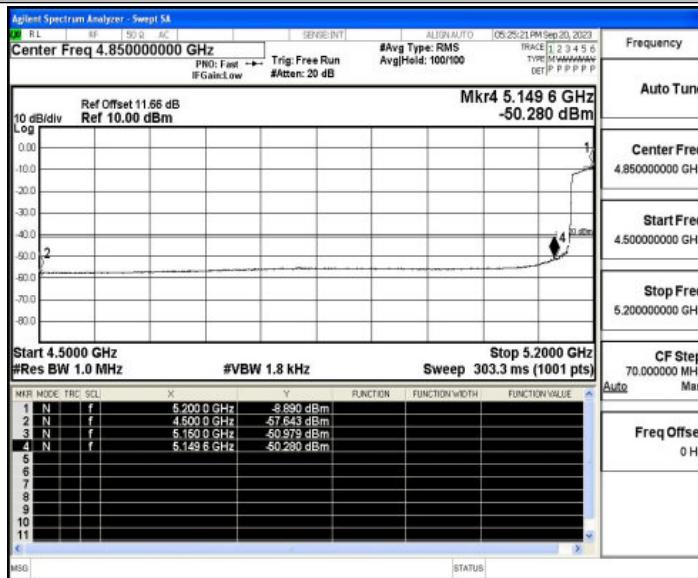




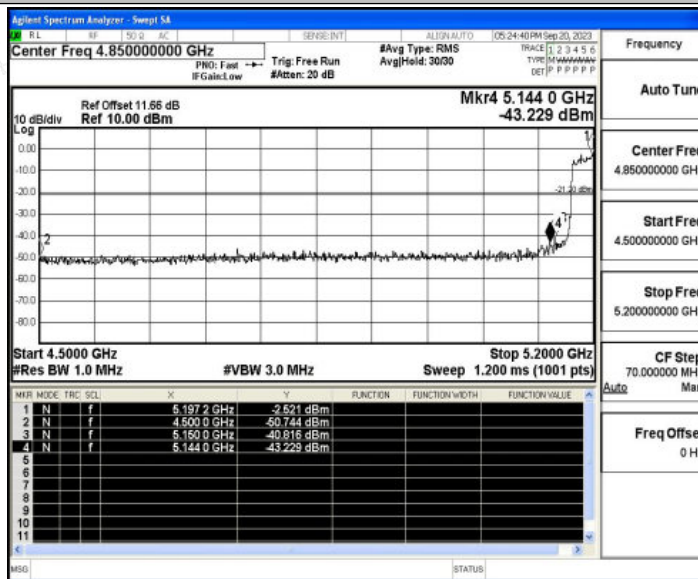
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11N40SISO_Ant1_Low_5190_AV



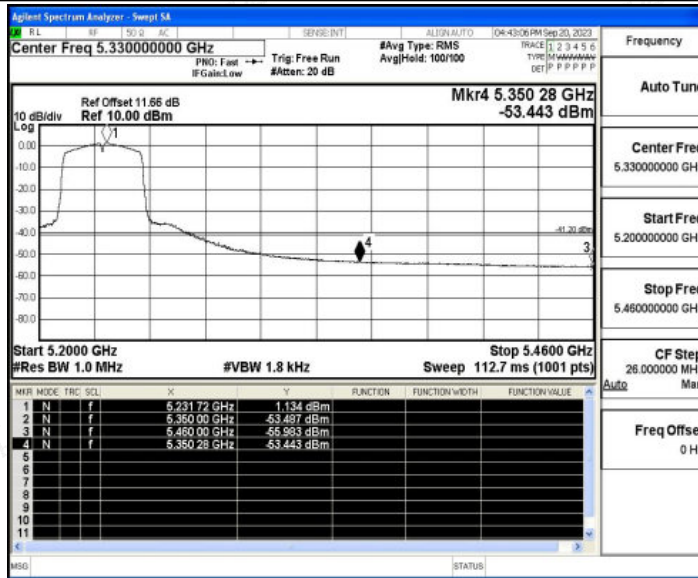
11N40SISO_Ant1_Low_5190_Peak



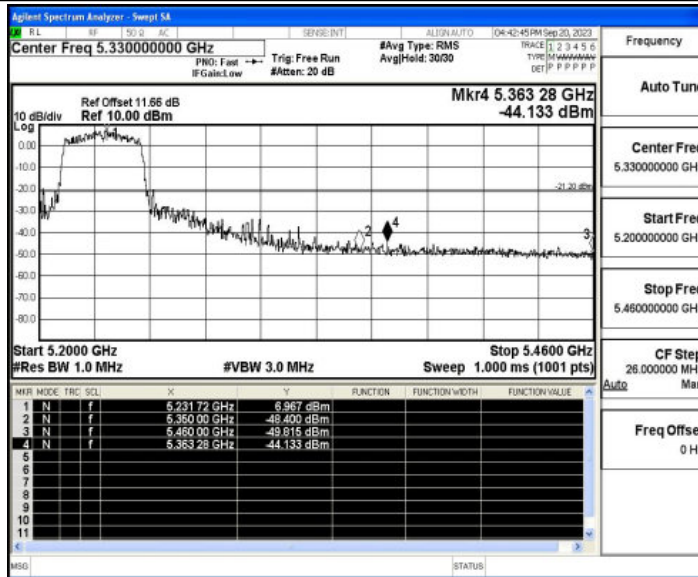


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11N40SISO_Ant1_High_5230_AV

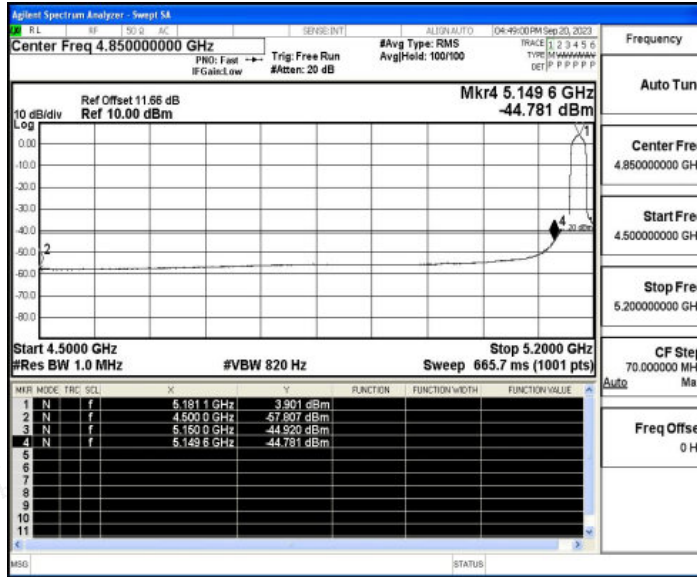


11N40SISO_Ant1_High_5230_Peak

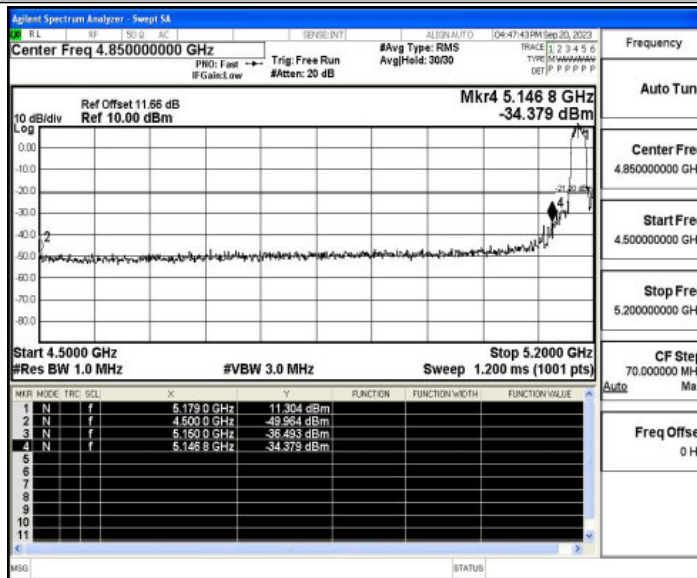


11AC20SISO_Ant1_Low_5180_AV

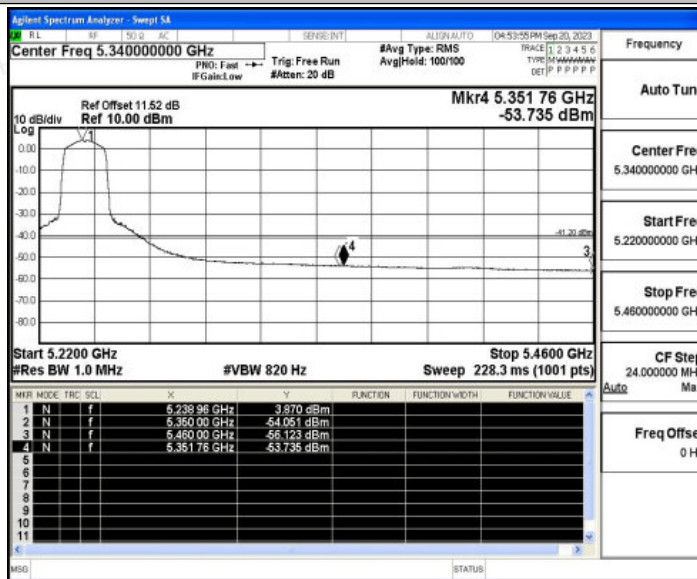




11AC20SISO_Ant1_Low_5180_Peak



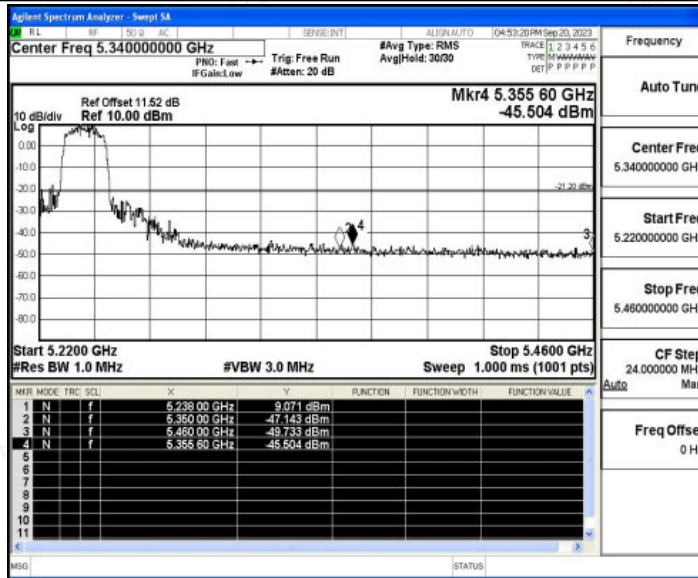
11AC20SISO_Ant1_High_5240_AV



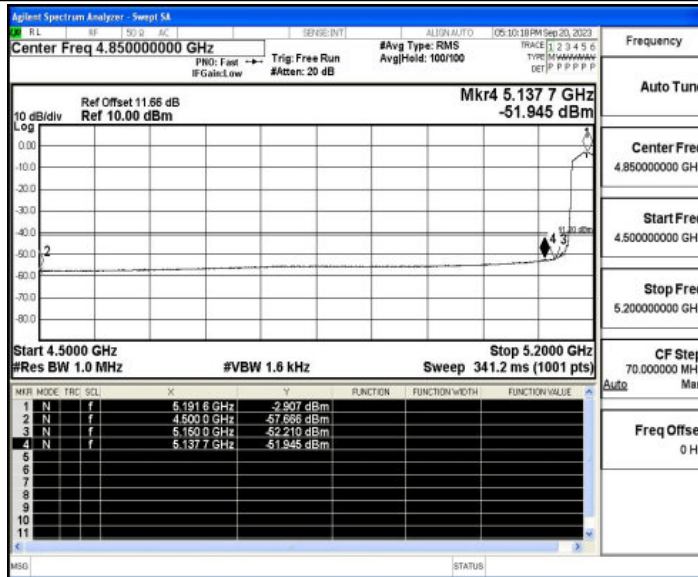


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11AC20SISO_Ant1_High_5240_Peak

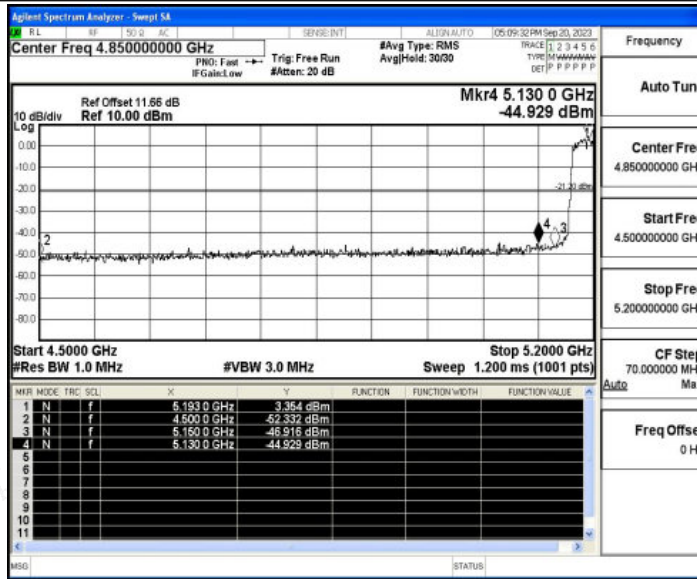


11AC40SISO_Ant1_Low_5190_AV

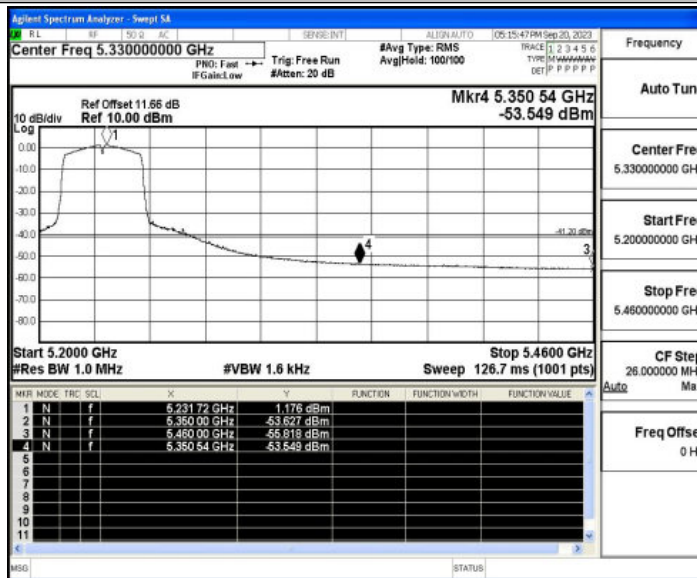


11AC40SISO_Ant1_Low_5190_Peak

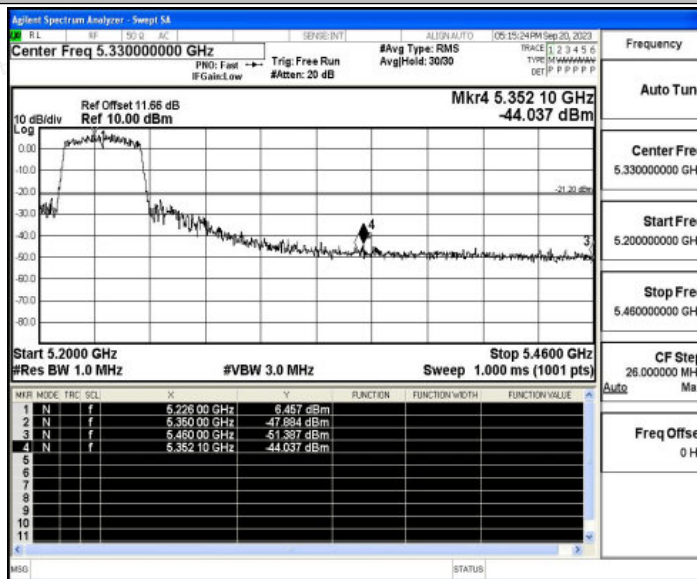




11AC40SISO_Ant1_High_5230_AV



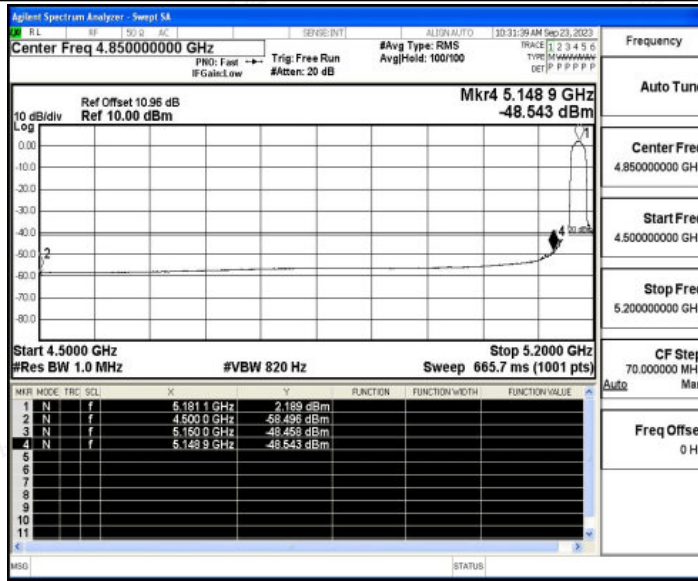
11AC40SISO_Ant1_High_5230_Peak



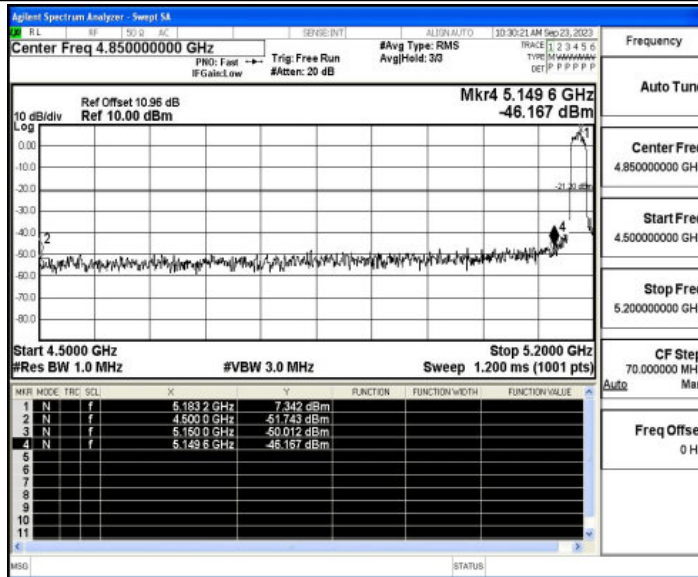


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11AX20SISO_Ant1_Low_5180_AV

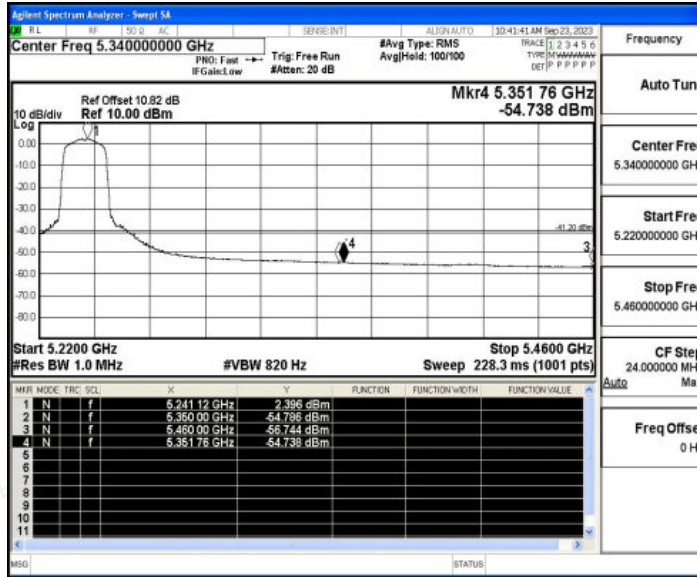


11AX20SISO_Ant1_Low_5180_Peak

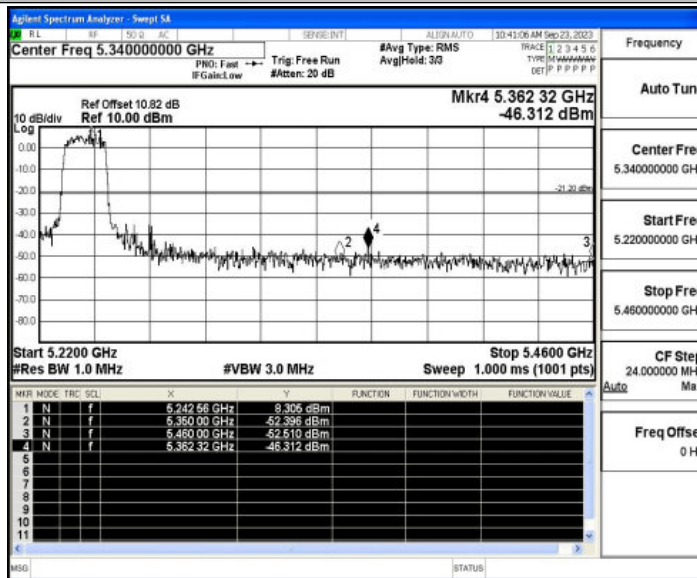


11AX20SISO_Ant1_High_5240_AV

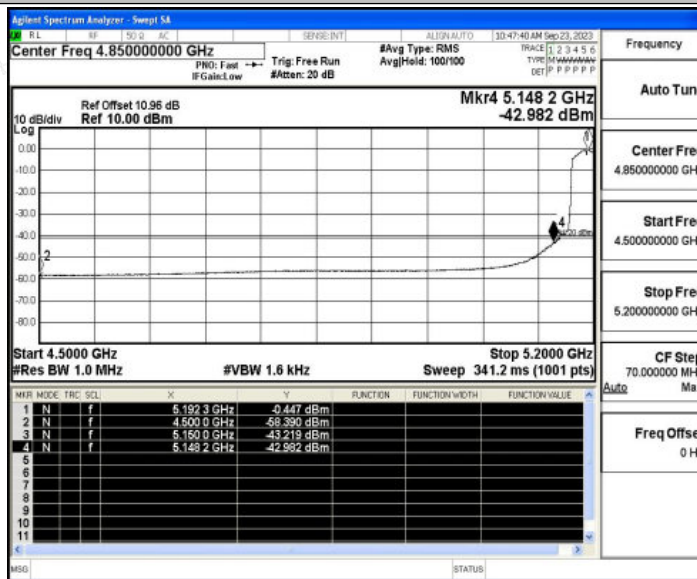




11AX20SISO_Ant1_High_5240_Peak



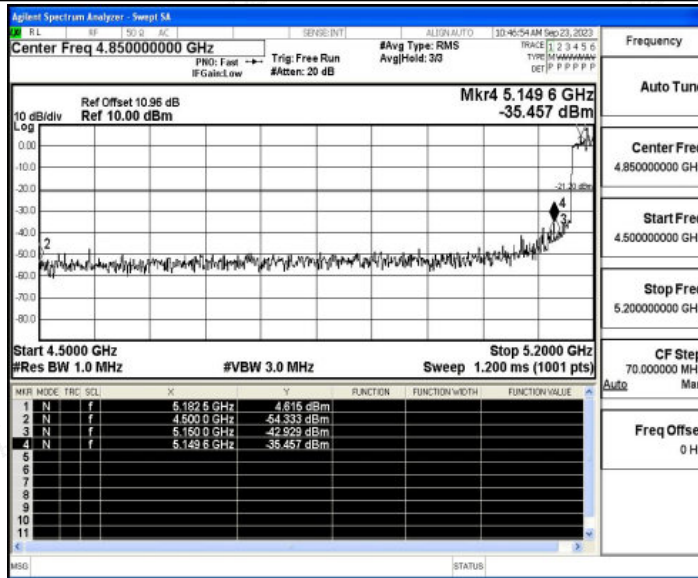
11AX40SISO_Ant1_Low_5190_AV



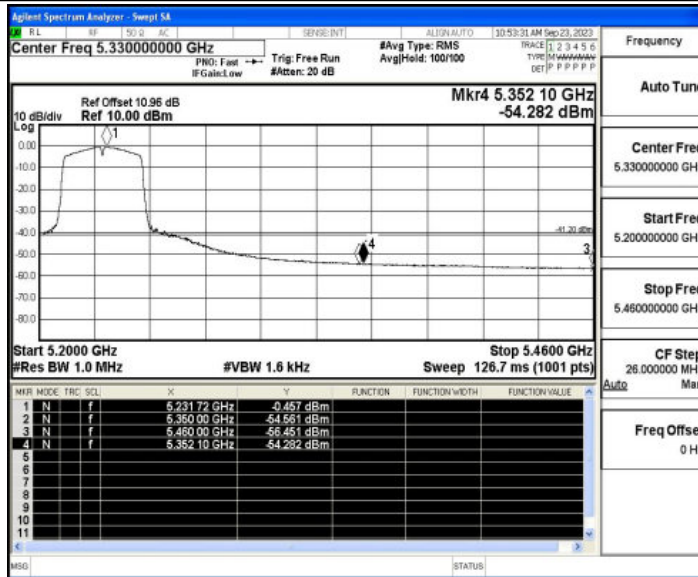


LC-SA-20143013EE

11AX40SISO_Ant1_Low_5190_Peak



11AX40SISO_Ant1_High_5230_AV

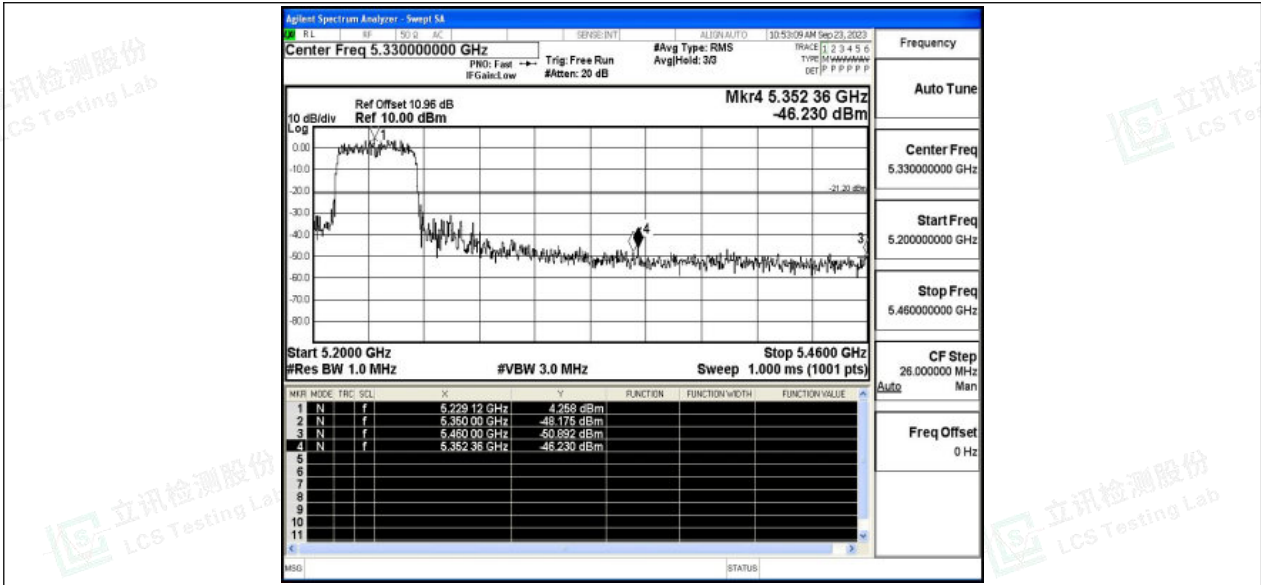


11AX40SISO_Ant1_High_5230_Peak





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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
11A	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	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5240	NV	NT	20000.00	3.816794	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	20000.00	3.816794	20	PASS
11N40SISO	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
		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
11AX20SISO	Ant1	5180	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	20000.00	3.861004	20	PASS
		5220	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	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
11AX40SISO	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	0.00	0.000000	20	PASS

Temperature								
TestMode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS





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		5220	NV	-10	20000.00	3.861004	20	PASS
			NV	0	-20000.00	-3.861004	20	PASS
			NV	10	-40000.00	-7.722008	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-20000.00	-3.861004	20	PASS
			NV	50	0.00	0.000000	20	PASS
		5240	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-40000.00	-7.662835	20	PASS
			NV	0	-20000.00	-3.831418	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-20000.00	-3.831418	20	PASS
			NV	30	0.00	0.000000	20	PASS
		5240	NV	40	-20000.00	-3.831418	20	PASS
			NV	50	0.00	0.000000	20	PASS
			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	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
		5190	NV	20	-20000.00	-3.816794	20	PASS
			NV	30	-40000.00	-7.633588	20	PASS
			NV	40	-20000.00	-3.816794	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	-30	-40000.00	-7.707129	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-40000.00	-7.707129	20	PASS
			NV	0	40000.00	7.707129	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-80000.00	-15.414258	20	PASS
			NV	40	-40000.00	-7.707129	20	PASS
			NV	50	-40000.00	-7.707129	20	PASS
			5230	NV	-30	40000.00	7.648184	20
		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	-40000.00		-7.648184	20	PASS		
NV	20	-40000.00		-7.648184	20	PASS		
NV	30	0.00		0.000000	20	PASS		
NV	40	-40000.00		-7.648184	20	PASS		
			NV	50	0.00	0.000000	20	PASS

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Ant1





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11AX20SI SO	Ant1	5180	NV	-30	0.00	0.000000	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	0.00	0.000000	20	PASS
			NV	20	20000.00	3.861004	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	20000.00	3.861004	20	PASS
			NV	50	-20000.00	-3.861004	20	PASS
		5220	NV	-30	0.00	0.000000	20	PASS
			NV	-20	20000.00	3.831418	20	PASS
			NV	-10	0.00	0.000000	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	0.00	0.000000	20	PASS	
	NV		40	20000.00	3.831418	20	PASS	
	NV		50	20000.00	3.831418	20	PASS	
	5240	NV	-30	0.00	0.000000	20	PASS	
		NV	-20	20000.00	3.816794	20	PASS	
		NV	-10	0.00	0.000000	20	PASS	
		NV	0	-20000.00	-3.816794	20	PASS	
		NV	10	0.00	0.000000	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	
	11AX40SI SO	Ant1	5190	NV	-30	0.00	0.000000	20
NV				-20	0.00	0.000000	20	PASS
NV				-10	0.00	0.000000	20	PASS
NV				0	0.00	0.000000	20	PASS
NV				10	-40000.00	-7.707129	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
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	0.00	0.000000	20	PASS	
		NV	10	0.00	0.000000	20	PASS	
		NV	20	-40000.00	-7.648184	20	PASS	
		NV	30	0.00	0.000000	20	PASS	





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			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS





D.6 Duty Cycle

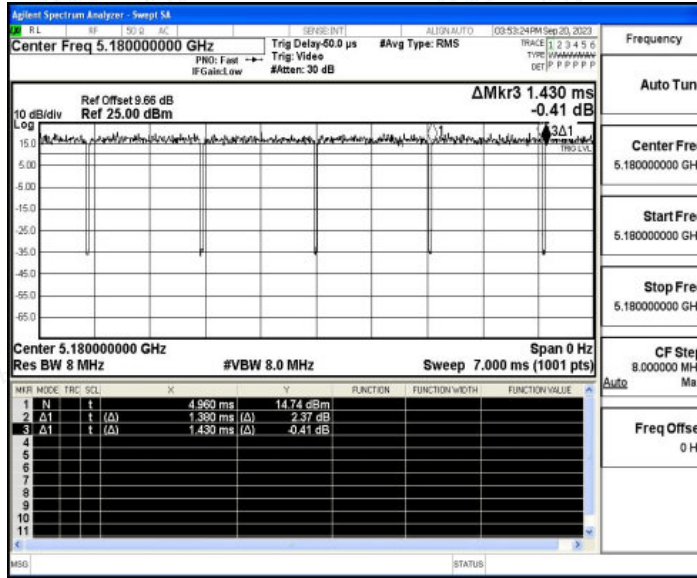
Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	1.38	1.43	96.50
		5220	1.39	1.44	96.53
		5240	1.39	1.44	96.53
11N20SISO	Ant1	5180	1.28	1.33	96.24
		5220	1.29	1.33	96.99
		5240	1.29	1.34	96.27
11N40SISO	Ant1	5190	0.63	0.68	92.65
		5230	0.64	0.68	94.12
11AC20SISO	Ant1	5180	1.31	1.36	96.32
		5220	1.31	1.36	96.32
		5240	1.31	1.35	97.04
11AC40SISO	Ant1	5190	0.65	0.69	94.20
		5230	0.65	0.69	94.20
11AX20SISO	Ant1	5180	1.31	1.35	97.04
		5220	1.31	1.35	97.04
		5240	1.30	1.35	96.30
11AX40SISO	Ant1	5190	0.65	0.70	92.86
		5230	0.65	0.70	92.86

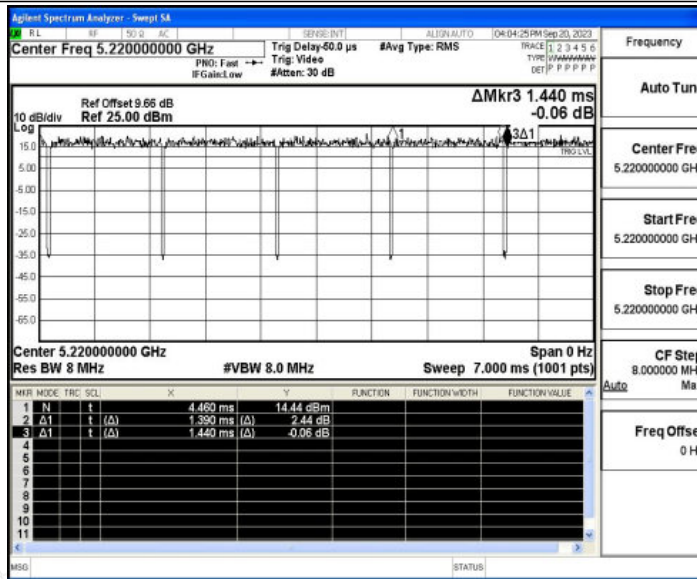


Test Graphs

11A_Ant1_5180



11A_Ant1_5220

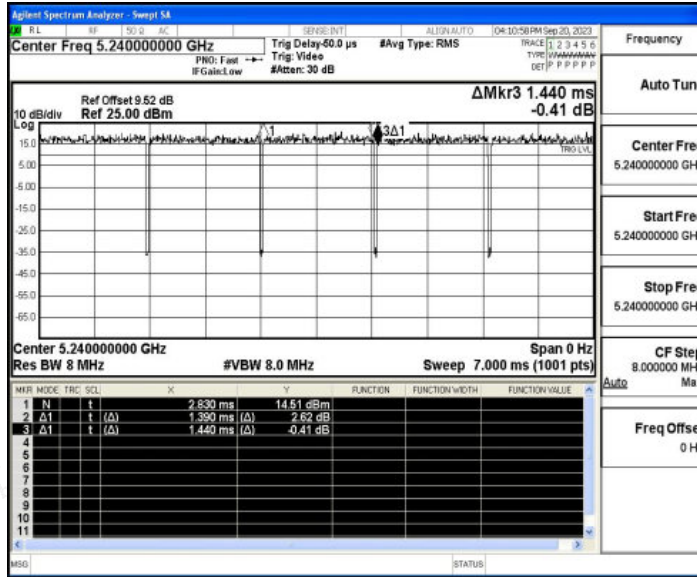


11A_Ant1_5240

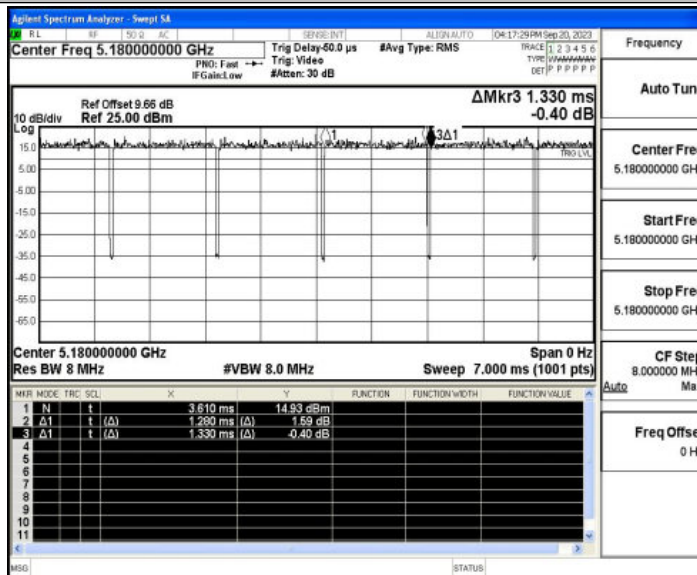




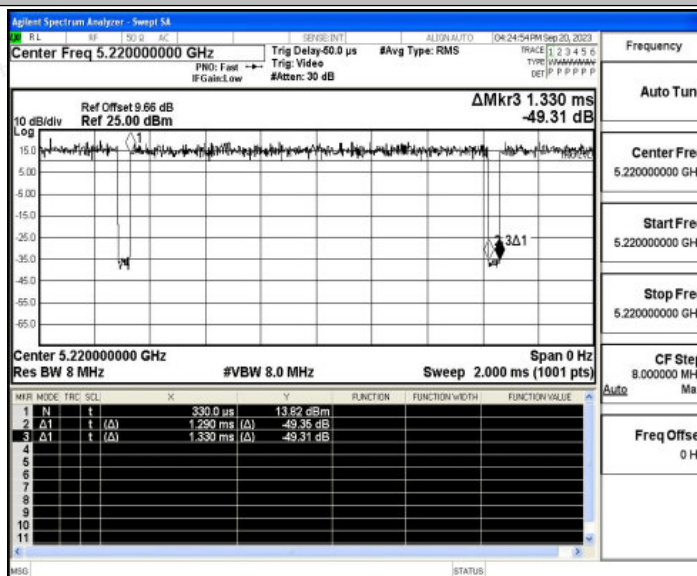
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11N20SISO_Ant1_5180



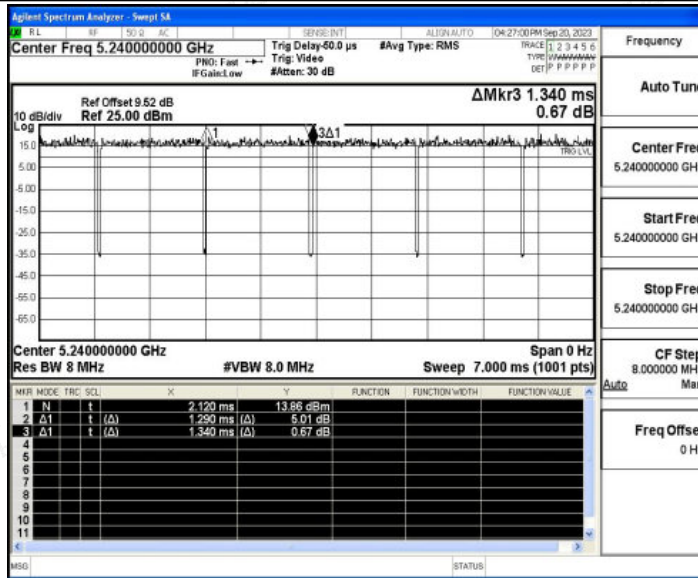
11N20SISO_Ant1_5220



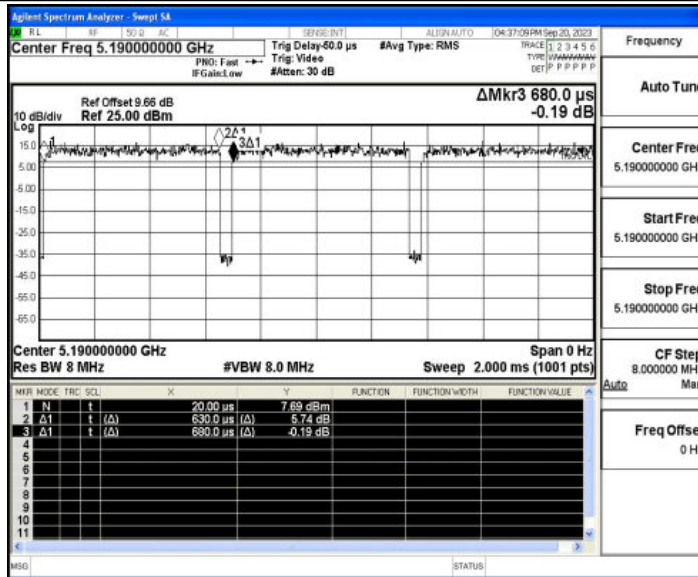


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11N20SISO_Ant1_5240



11N40SISO_Ant1_5190

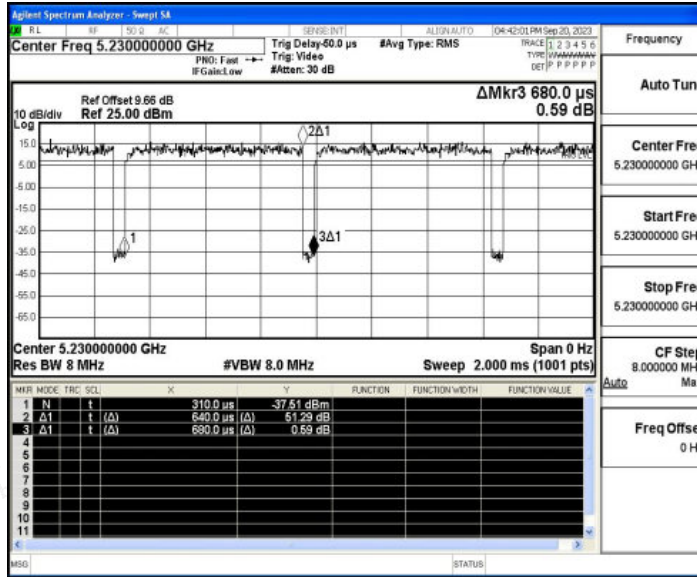


11N40SISO_Ant1_5230

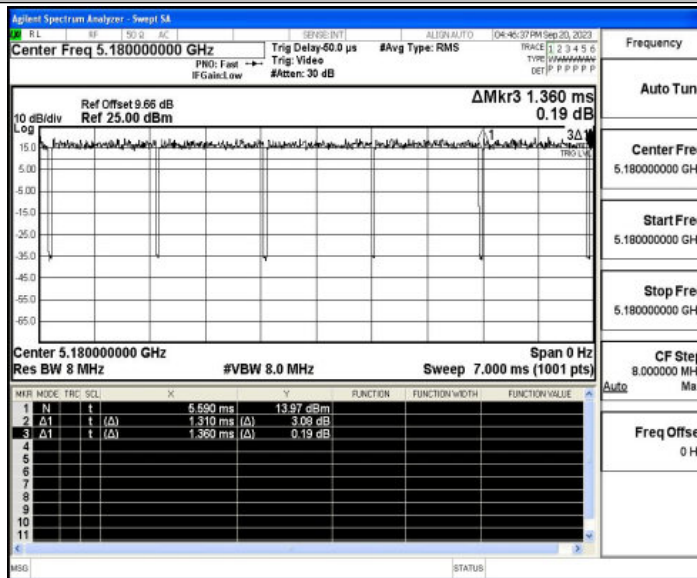




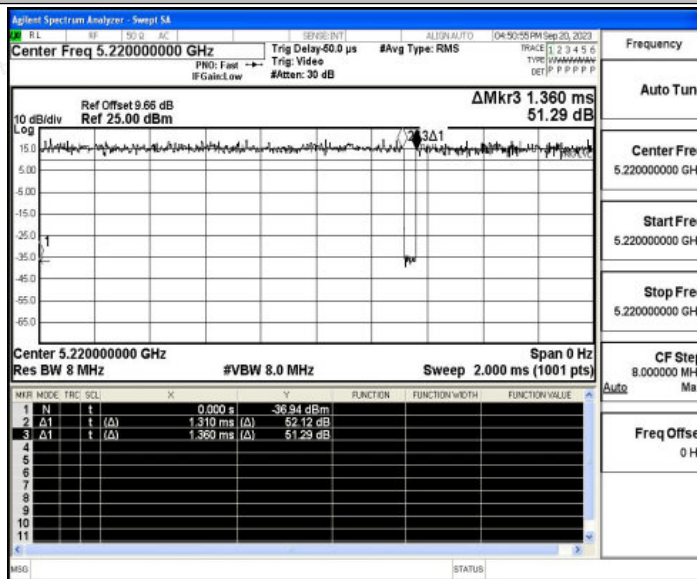
LC-SA-2024113013EE



11AC20SISO_Ant1_5180



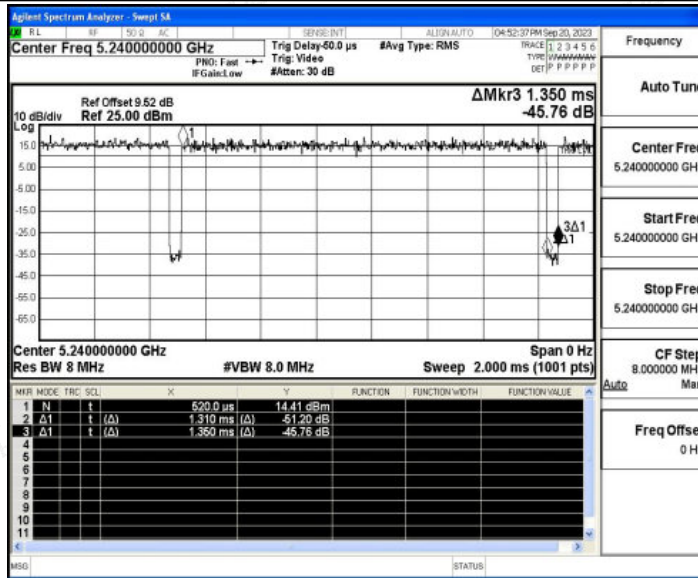
11AC20SISO_Ant1_5220



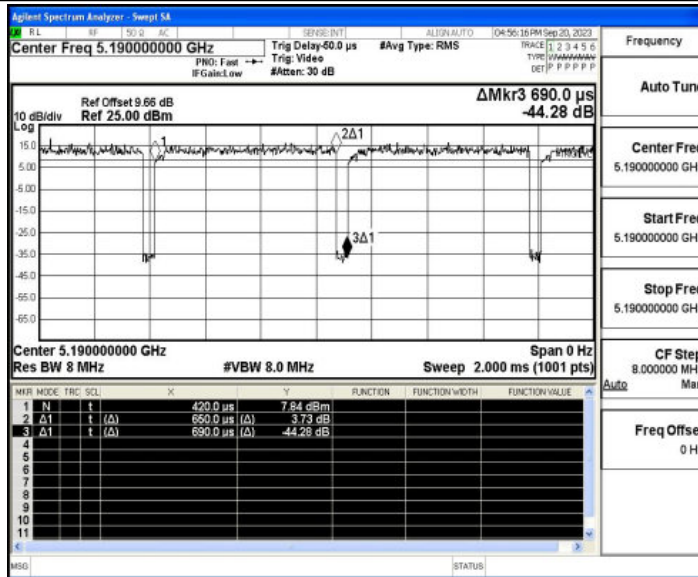


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11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190

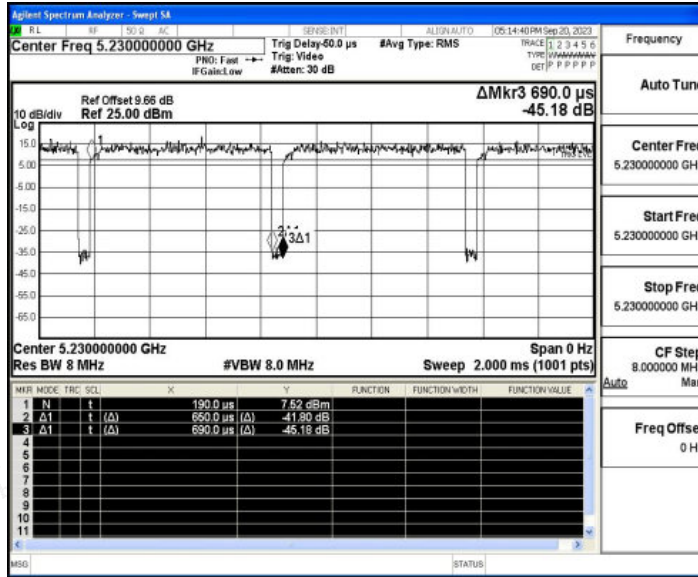


11AC40SISO_Ant1_5230

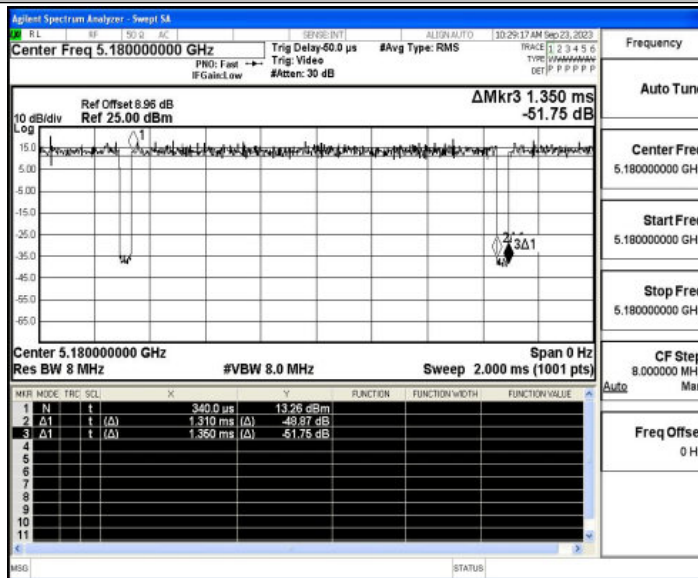




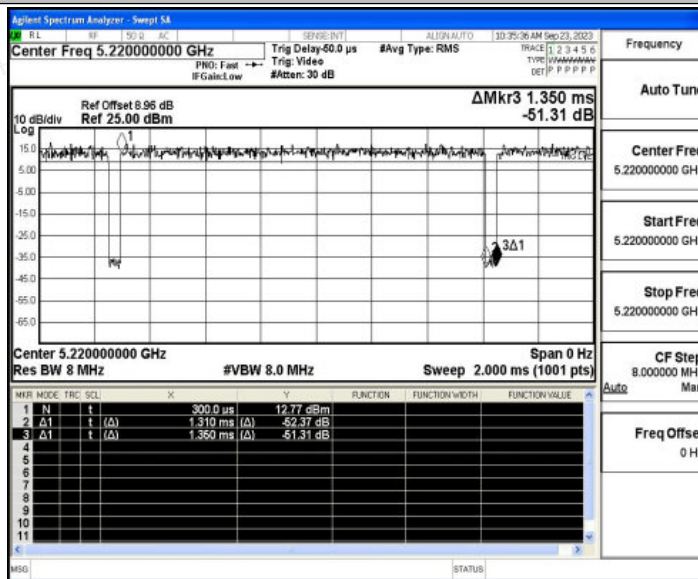
LC-SA-2024113013EE



11AX20SISO_Ant1_5180



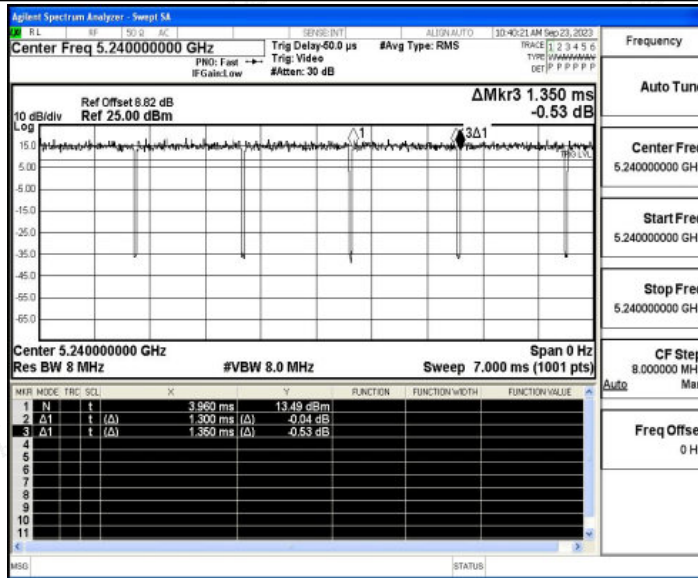
11AX20SISO_Ant1_5220



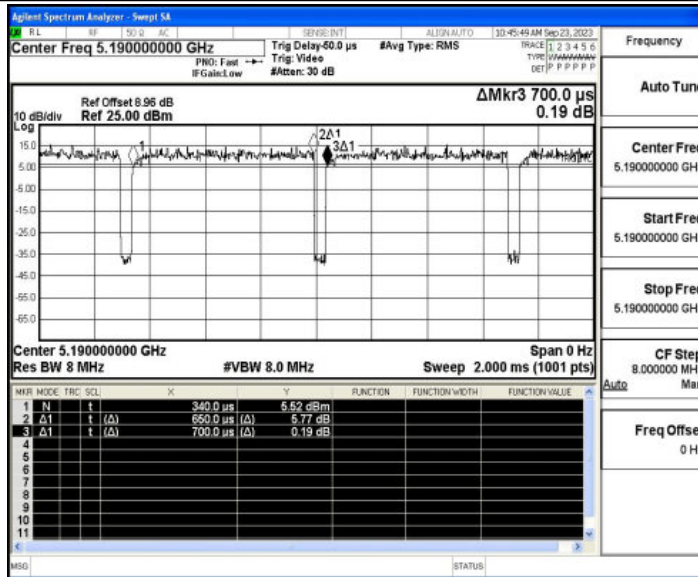


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11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230





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