



Appendix D

RF Test Data for 5G WIFI (Conducted Measurement)

Product Name: TABLET PC

Trade Mark: Simbans

Test Model: Picasso Tab _ XL

Environmental Conditions

Temperature:	25 ° C
Relative Humidity:	50%
ATM Pressure:	100.0 kPa
Test Engineer:	Jay Li
Supervised by:	Li Huan



Appendix D.1: Duty Cycle

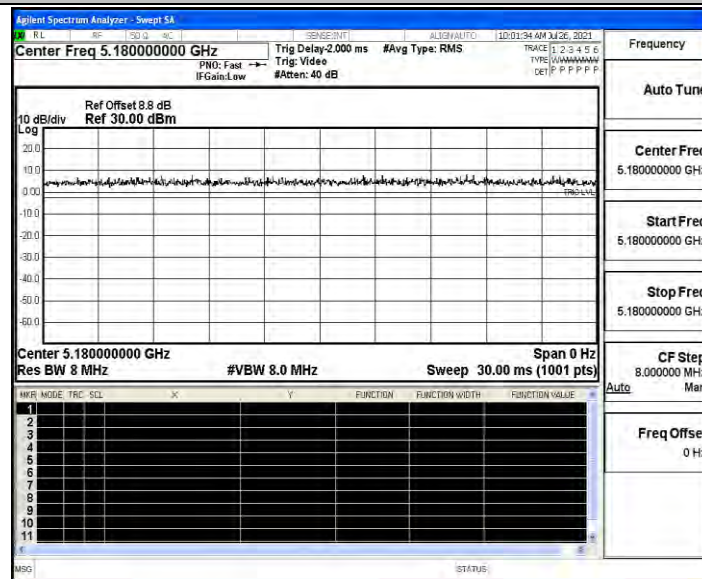
Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5180	30.00	30.00	100.00	---	PASS
		5200	30.00	30.00	100.00	---	PASS
		5240	30.00	30.00	100.00	---	PASS
11N20SISO	Ant1	5180	30.00	30.00	100.00	---	PASS
		5200	30.00	30.00	100.00	---	PASS
		5240	30.00	30.00	100.00	---	PASS
11N40SISO	Ant1	5190	30.00	30.00	100.00	---	PASS
		5230	30.00	30.00	100.00	---	PASS
11AC20SISO	Ant1	5180	30.00	30.00	100.00	---	PASS
		5200	30.00	30.00	100.00	---	PASS
		5240	30.00	30.00	100.00	---	PASS
11AC40SISO	Ant1	5190	30.00	30.00	100.00	---	PASS
		5230	30.00	30.00	100.00	---	PASS
11AC80SISO	Ant1	5210	30.00	30.00	100.00	---	PASS

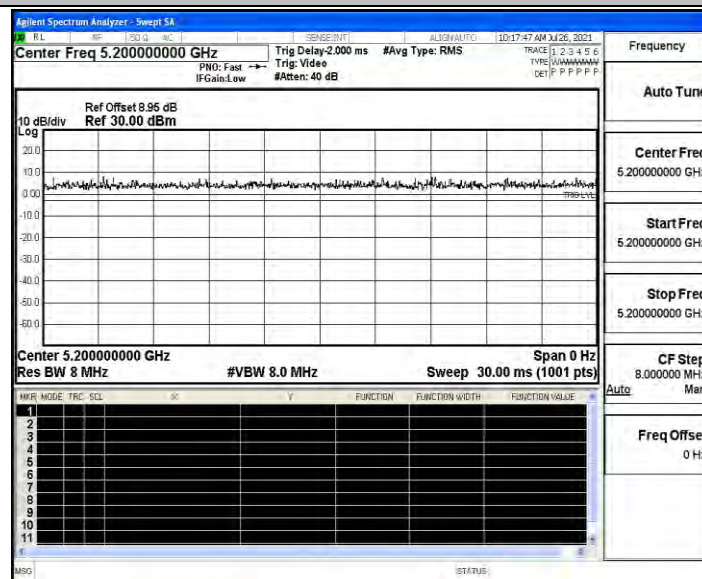


Test Graphs

11A_Ant1_5180

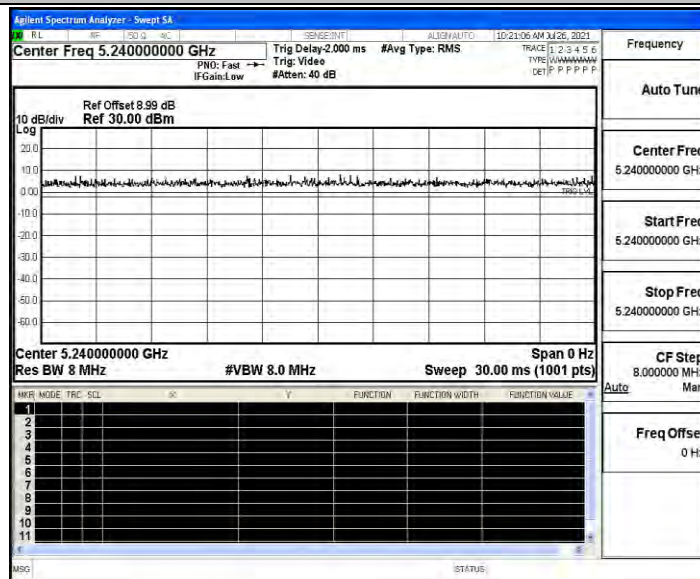


11A_Ant1_5200

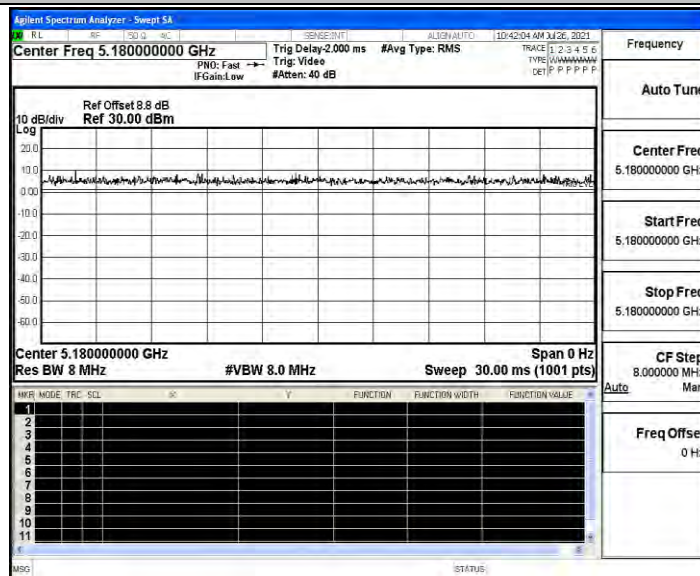




11A_Ant1_5240

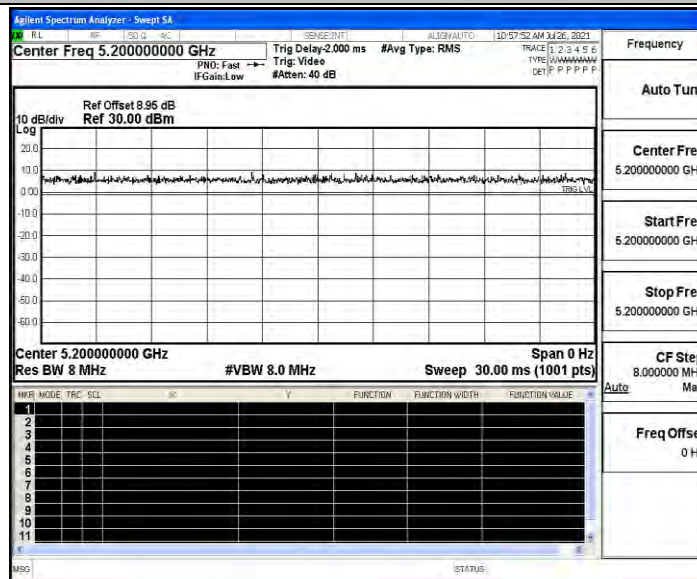


11N20SISO_Ant1_5180

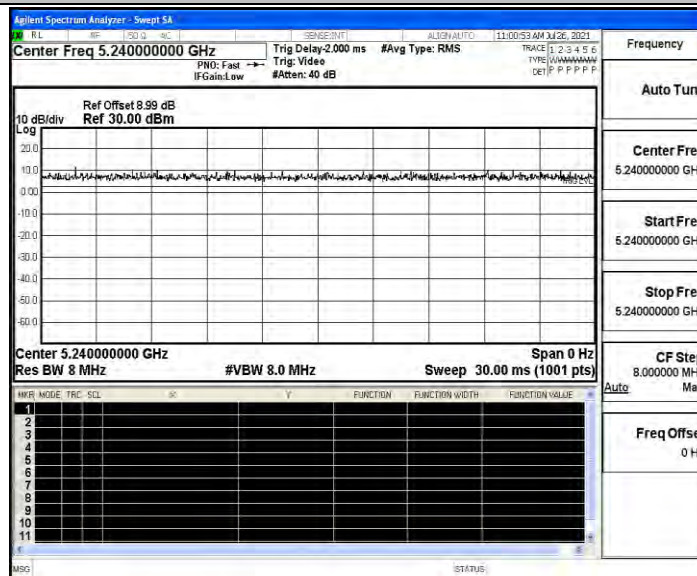




11N20SISO_Ant1_5200

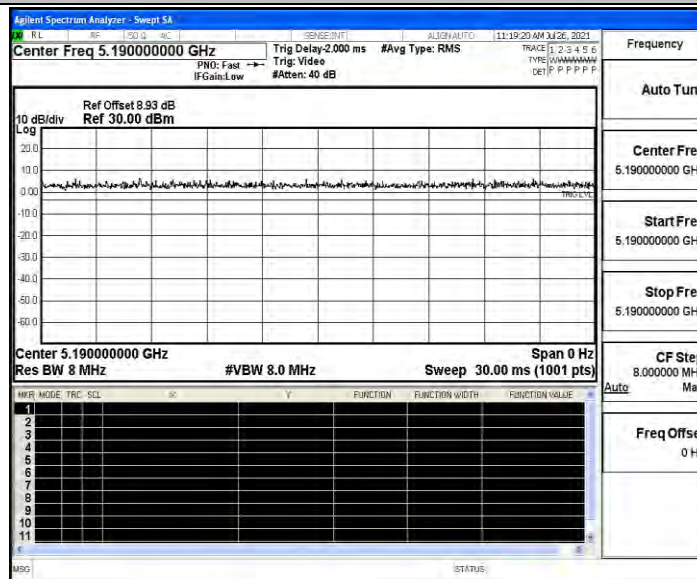


11N20SISO_Ant1_5240

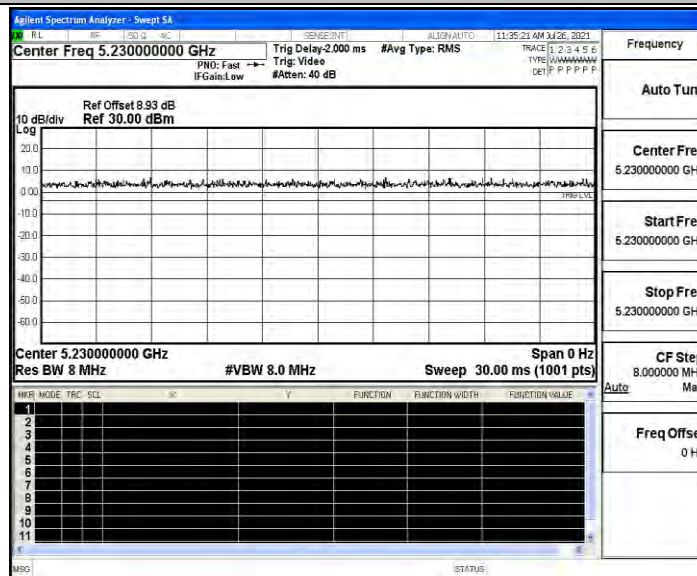




11N40SISO_Ant1_5190

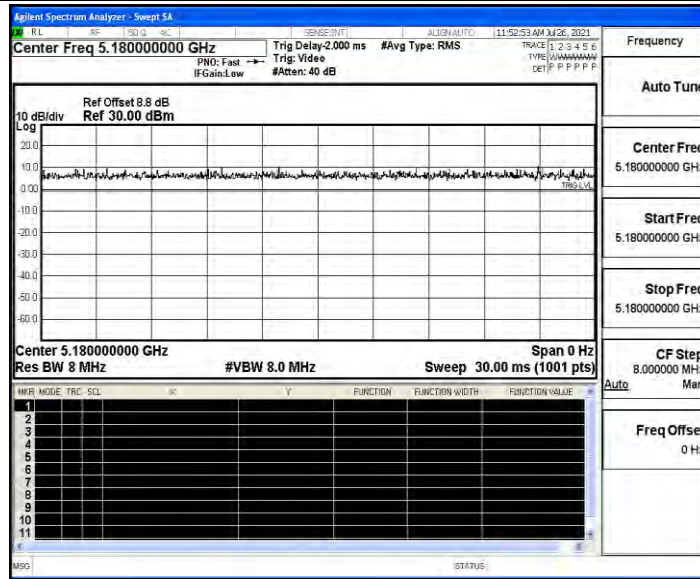


11N40SISO_Ant1_5230

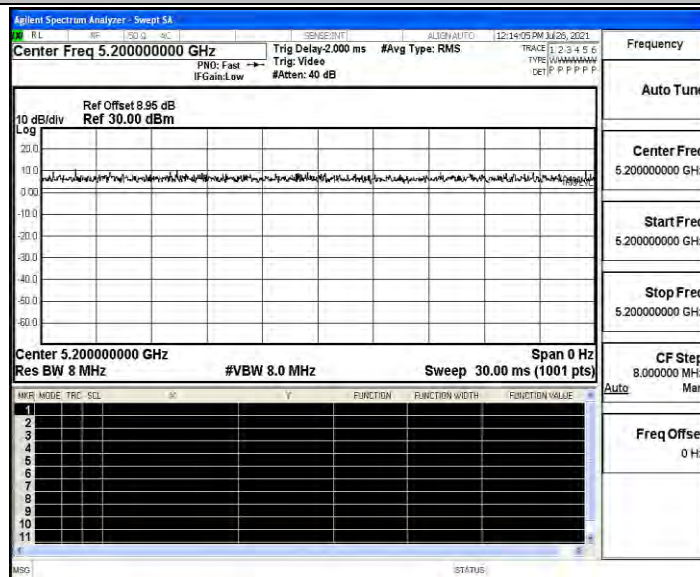




11AC20SISO_Ant1_5180

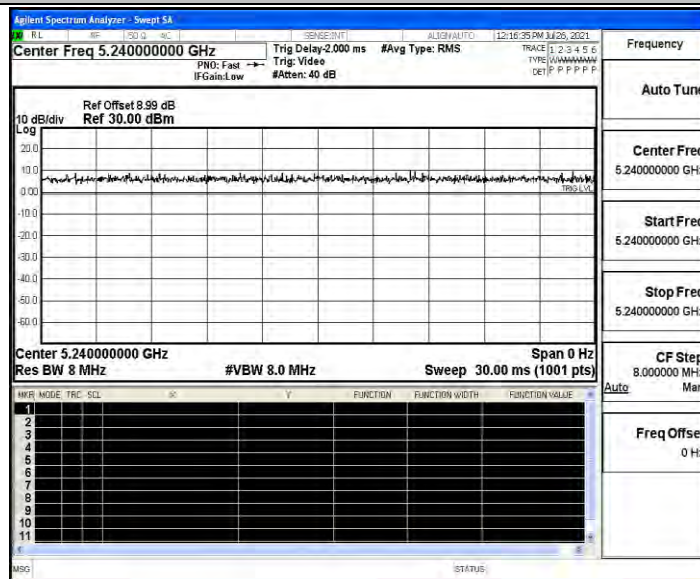


11AC20SISO_Ant1_5200

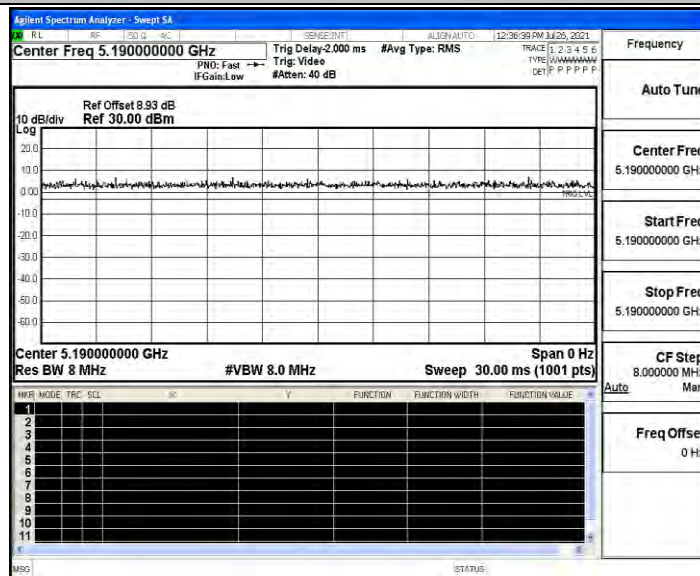




11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190





Appendix D.2: Maximum conducted output power

Test Result

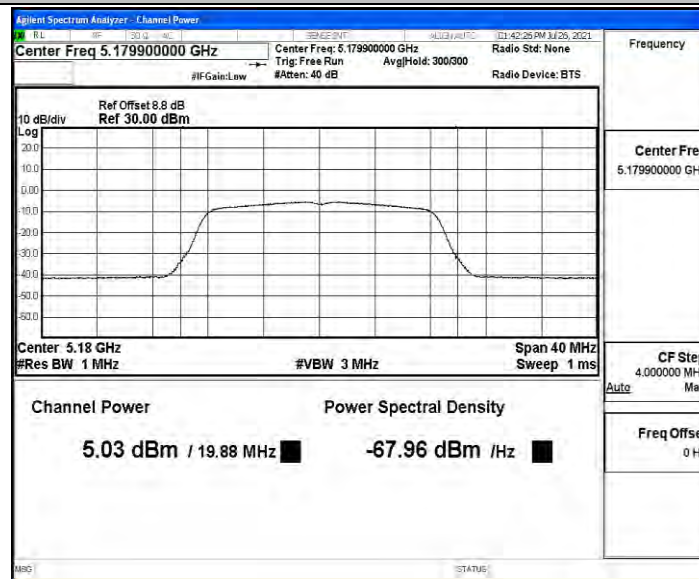
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	5.03	≤ 23.98	PASS
		5200	5.27	≤ 23.98	PASS
		5240	5.06	≤ 23.98	PASS
11N20SISO	Ant1	5180	4.69	≤ 23.98	PASS
		5200	5.16	≤ 23.98	PASS
		5240	4.72	≤ 23.98	PASS
11N40SISO	Ant1	5190	4.86	≤ 23.98	PASS
		5230	4.97	≤ 23.98	PASS
11AC20SISO	Ant1	5180	4.83	≤ 23.98	PASS
		5200	4.96	≤ 23.98	PASS
		5240	5.02	≤ 23.98	PASS
11AC40SISO	Ant1	5190	5.11	≤ 23.98	PASS
		5230	4.97	≤ 23.98	PASS
11AC80SISO	Ant1	5210	4.30	≤ 23.98	PASS

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



Test Graphs

11A_Ant1_5180

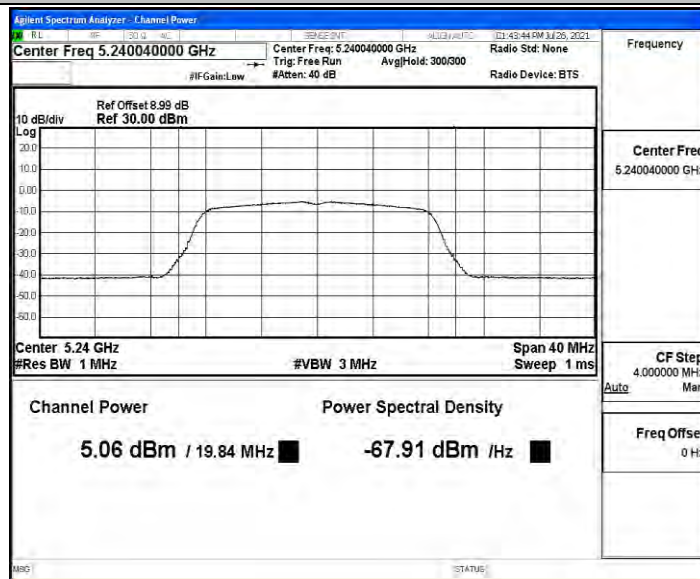


11A_Ant1_5200

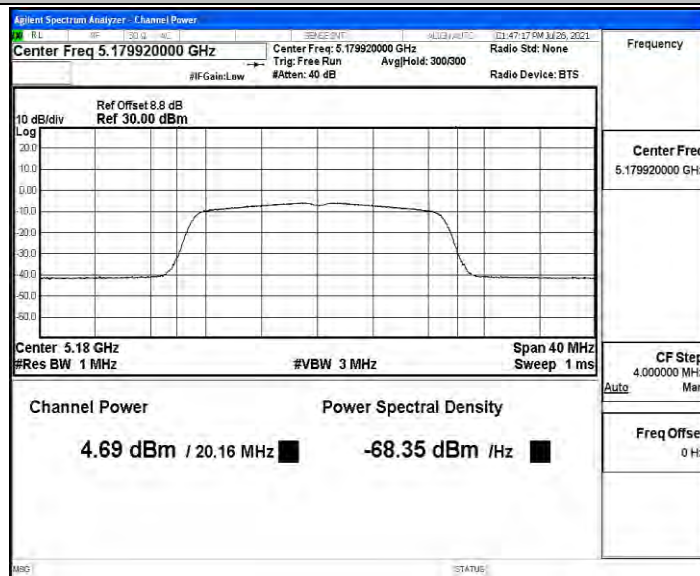




11A_Ant1_5240

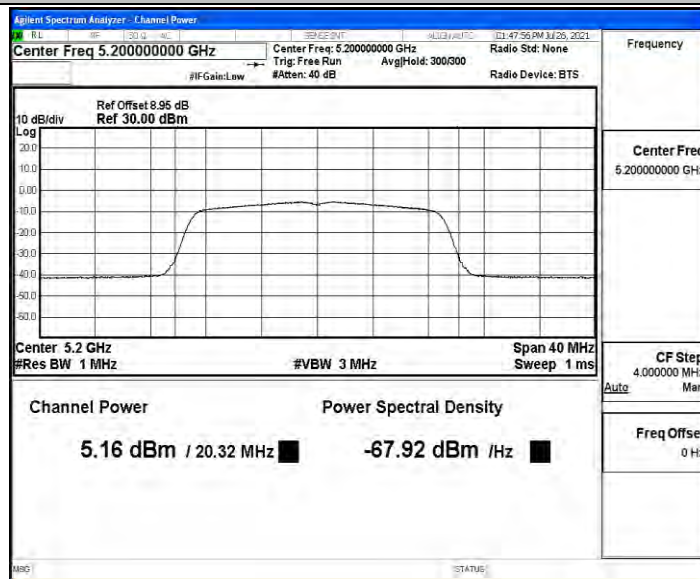


11N20SISO_Ant1_5180

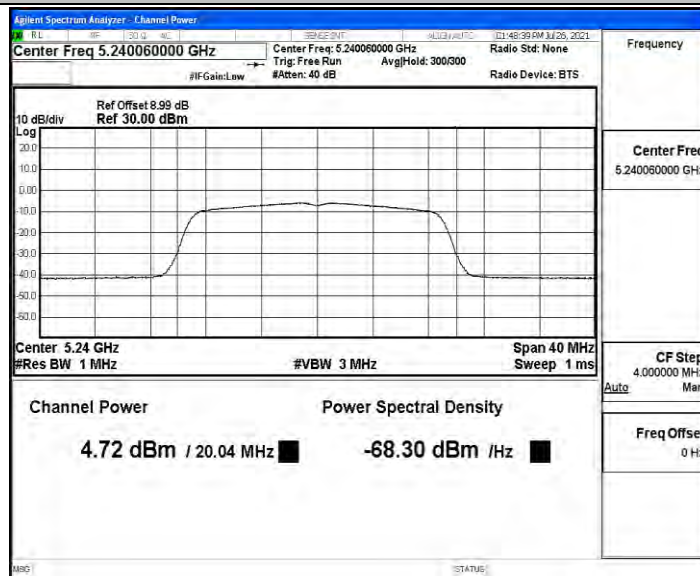




11N20SISO_Ant1_5200

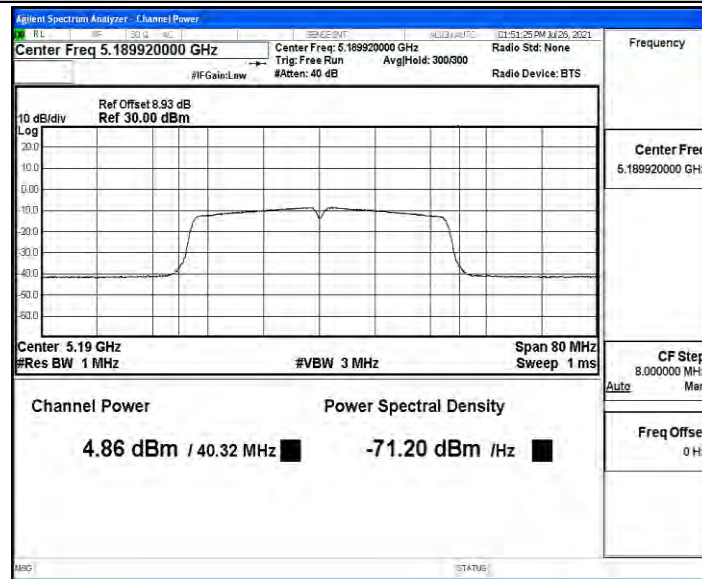


11N20SISO_Ant1_5240

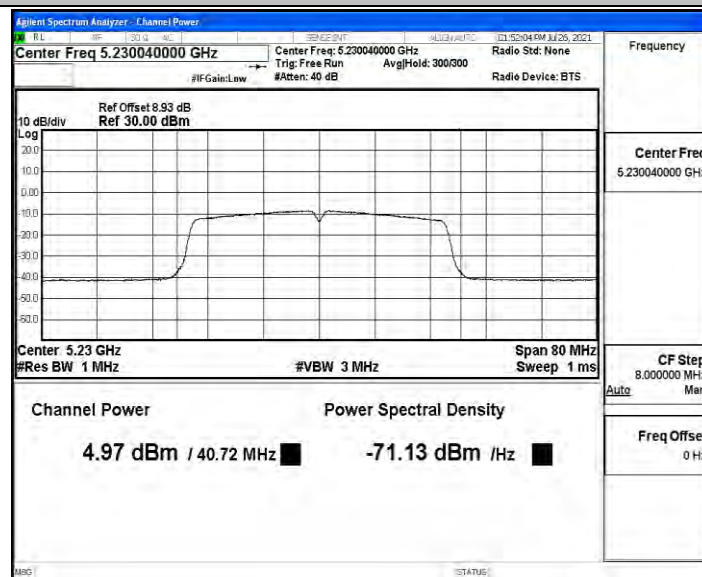




11N40SISO_Ant1_5190

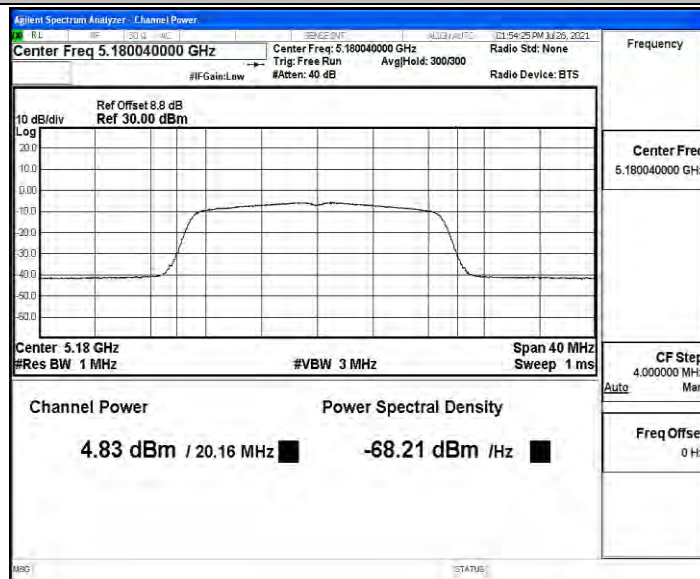


11N40SISO_Ant1_5230

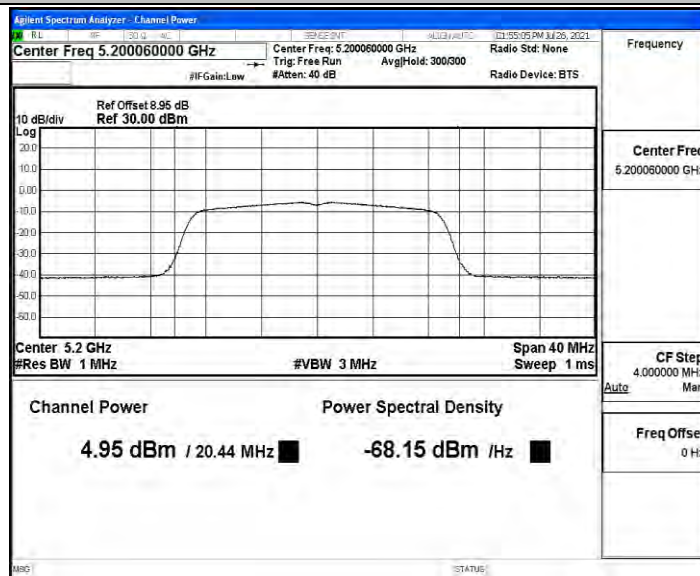




11AC20SISO_Ant1_5180

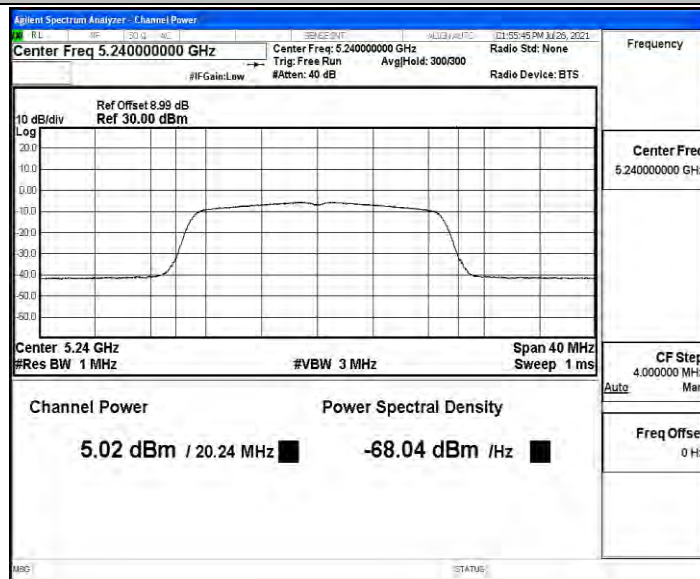


11AC20SISO_Ant1_5200





11AC20SISO_Ant1_5240

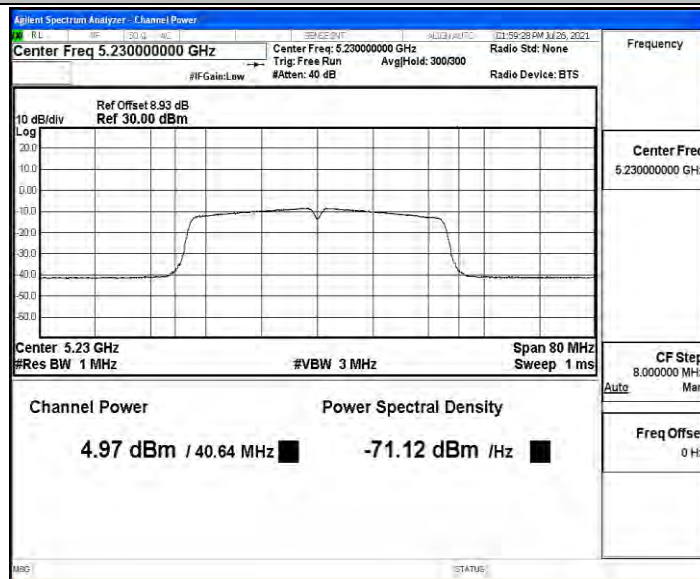


11AC40SISO_Ant1_5190





11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210





Appendix D.3: Maximum power spectral density

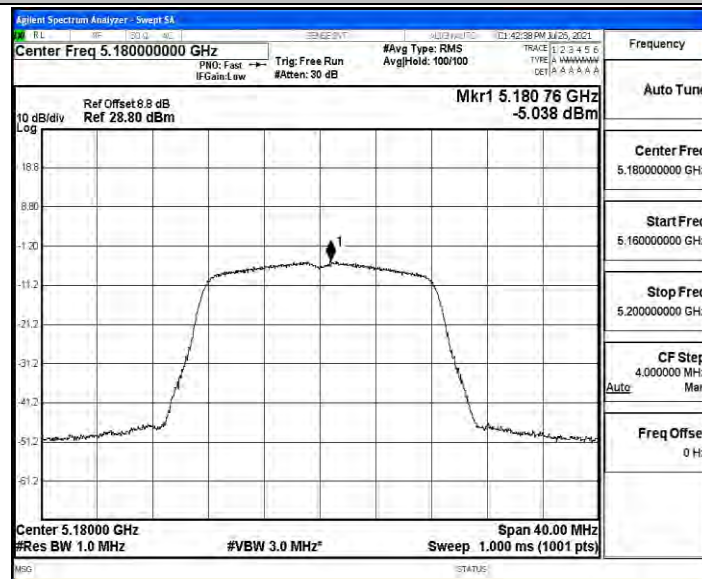
Test Result

TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	-5.04	≤ 11	PASS
		5200	-5.14	≤ 11	PASS
		5240	-5.28	≤ 11	PASS
11N20SISO	Ant1	5180	-5.66	≤ 11	PASS
		5200	-5.44	≤ 11	PASS
		5240	-5.75	≤ 11	PASS
11N40SISO	Ant1	5190	-8.64	≤ 11	PASS
		5230	-8.26	≤ 11	PASS
11AC20SISO	Ant1	5180	-5.28	≤ 11	PASS
		5200	-5.59	≤ 11	PASS
		5240	-5.26	≤ 11	PASS
11AC40SISO	Ant1	5190	-8.15	≤ 11	PASS
		5230	-8.38	≤ 11	PASS
11AC80SISO	Ant1	5210	-12.28	≤ 11	PASS

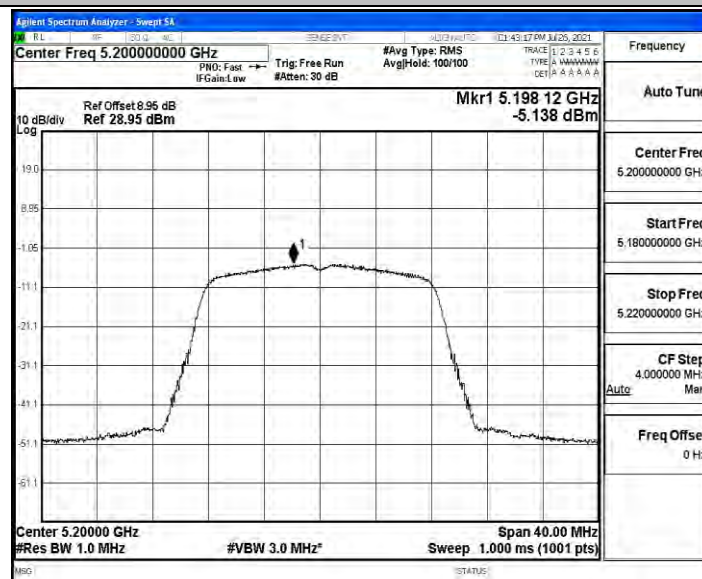


Test Graphs

11A_Ant1_5180

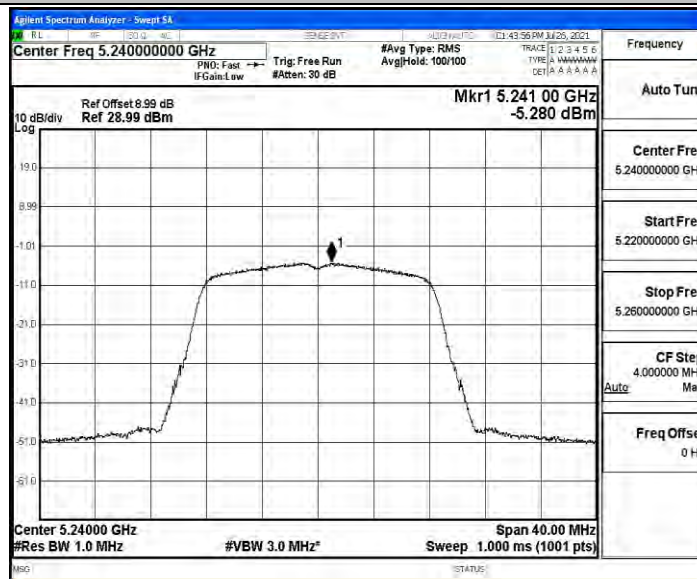


11A_Ant1_5200

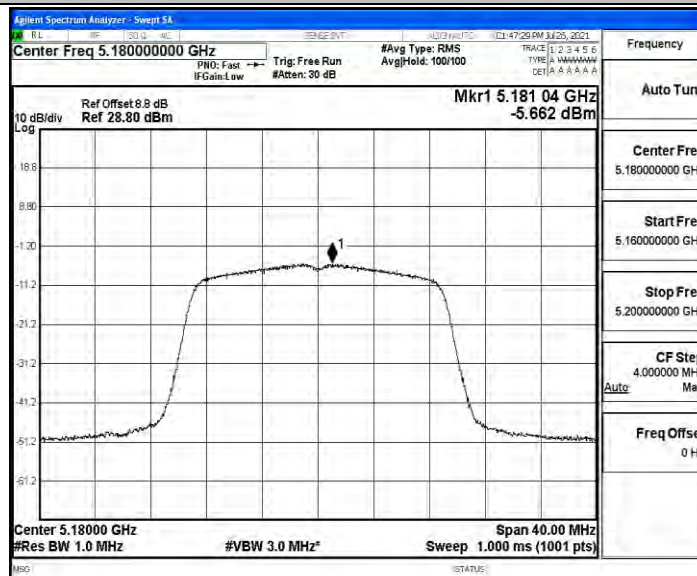




11A_Ant1_5240

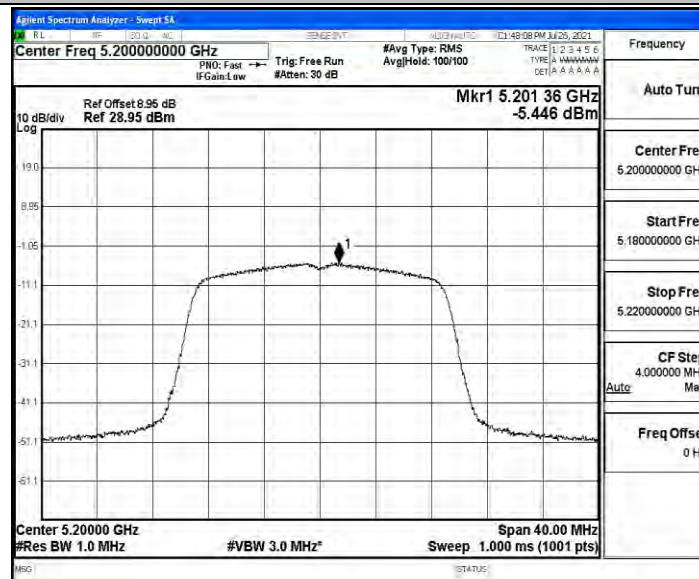


11N20SISO_Ant1_5180

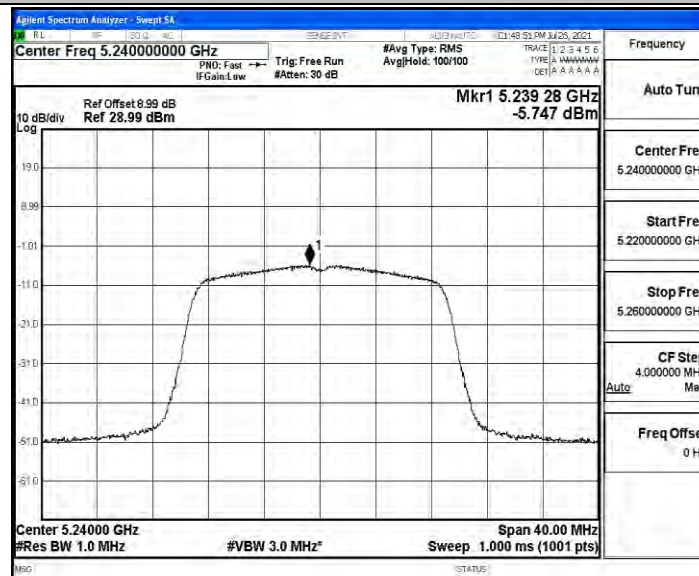




11N20SISO_Ant1_5200

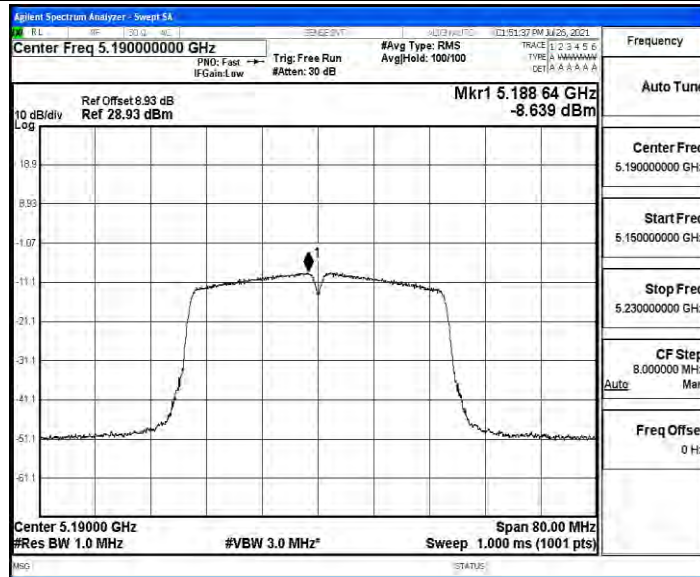


11N20SISO_Ant1_5240

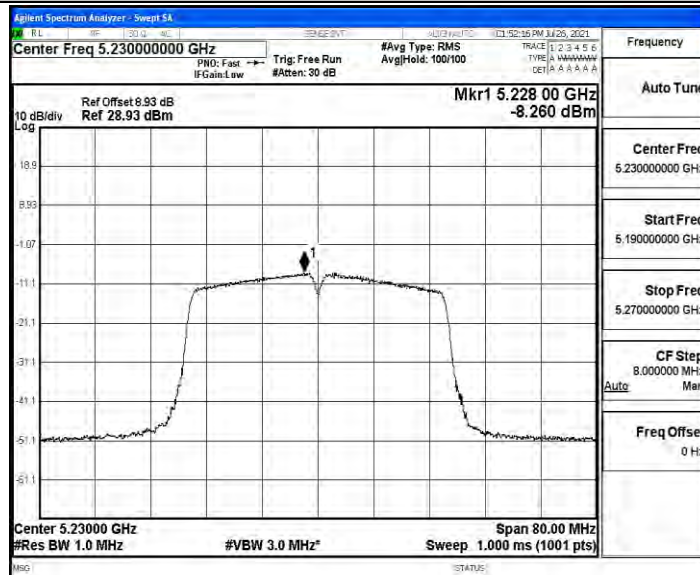




11N40SISO_Ant1_5190

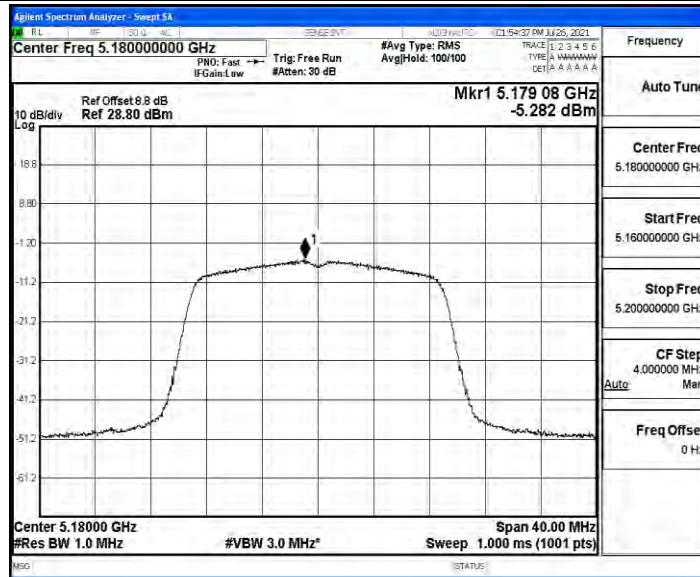


11N40SISO_Ant1_5230

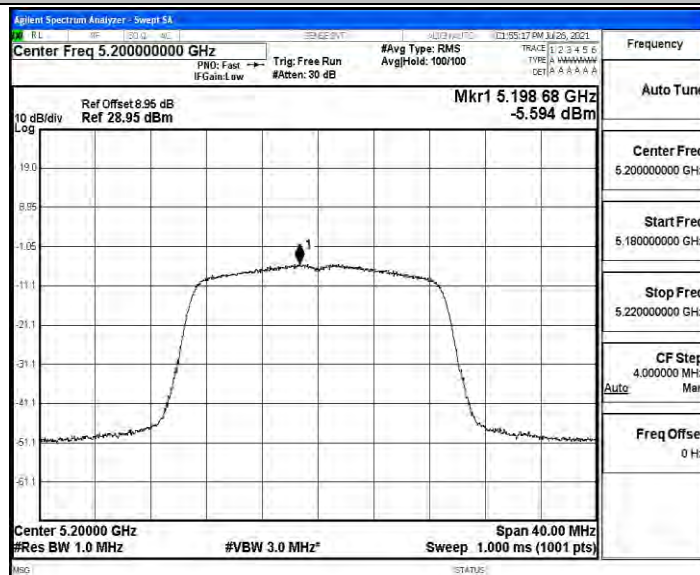




11AC20SISO_Ant1_5180

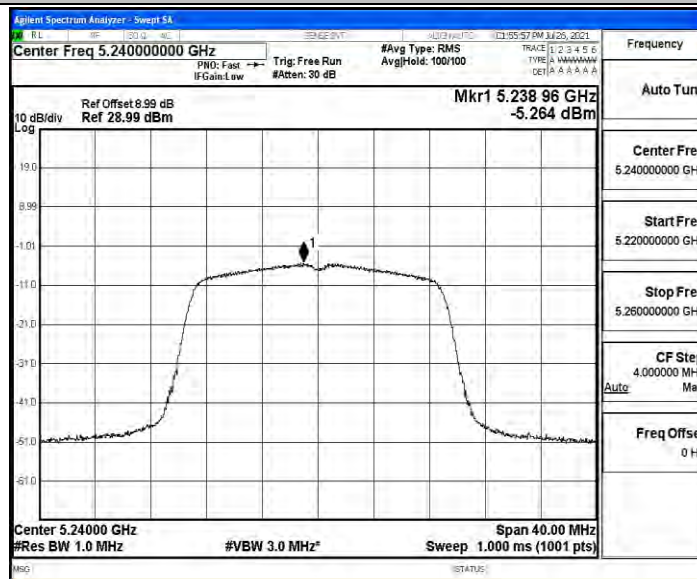


11AC20SISO_Ant1_5200

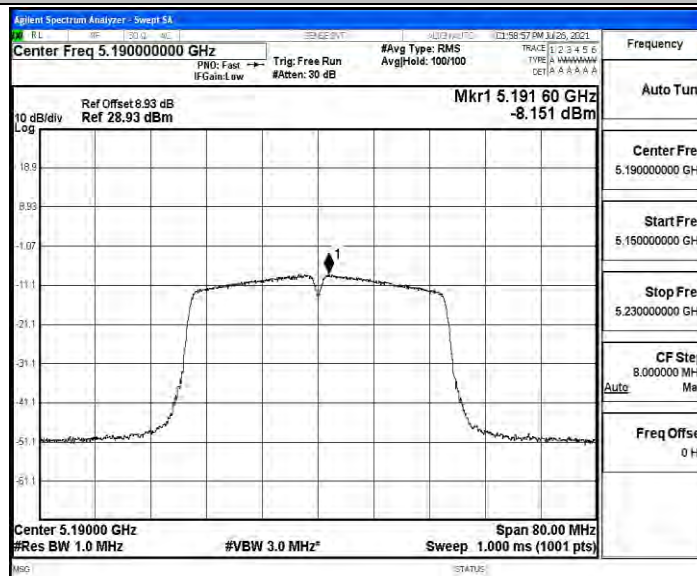




11AC20SISO_Ant1_5240

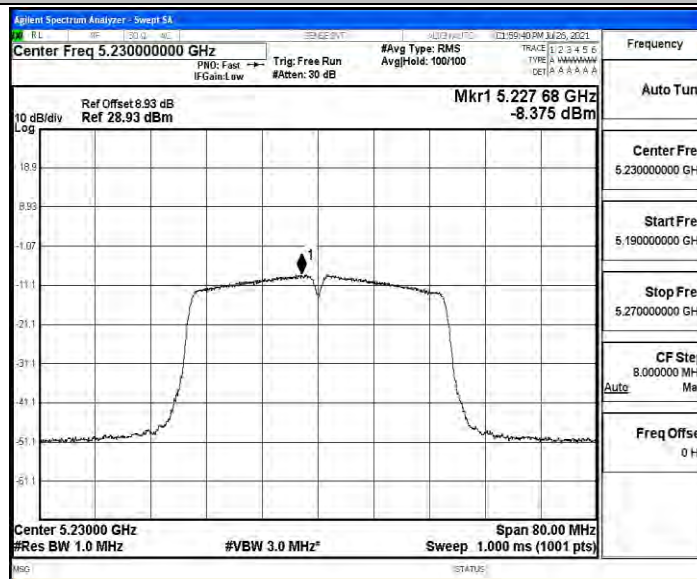


11AC40SISO_Ant1_5190

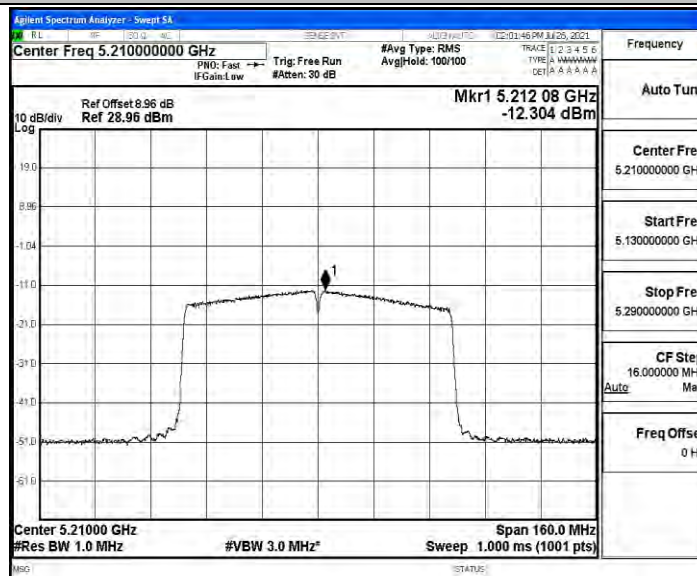




11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210





Appendix D.4.1: Emission Bandwidth

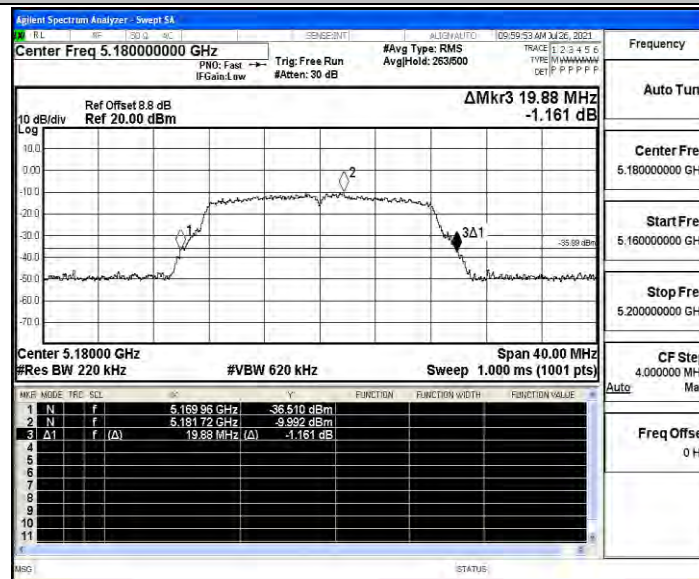
Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	19.880	5169.960	5189.840	---	PASS
		5200	19.760	5190.120	5209.880	---	PASS
		5240	19.840	5230.120	5249.960	---	PASS
11N20SISO	Ant1	5180	20.160	5169.840	5190.000	---	PASS
		5200	20.320	5189.840	5210.160	---	PASS
		5240	20.040	5230.040	5250.080	---	PASS
11N40SISO	Ant1	5190	40.320	5169.760	5210.080	---	PASS
		5230	40.720	5209.680	5250.400	---	PASS
11AC20SISO	Ant1	5180	20.160	5169.960	5190.120	---	PASS
		5200	20.440	5189.840	5210.280	---	PASS
		5240	20.240	5229.880	5250.120	---	PASS
11AC40SISO	Ant1	5190	40.480	5169.600	5210.080	---	PASS
		5230	40.640	5209.680	5250.320	---	PASS
11AC80SISO	Ant1	5210	80.960	5169.520	5250.480	---	PASS

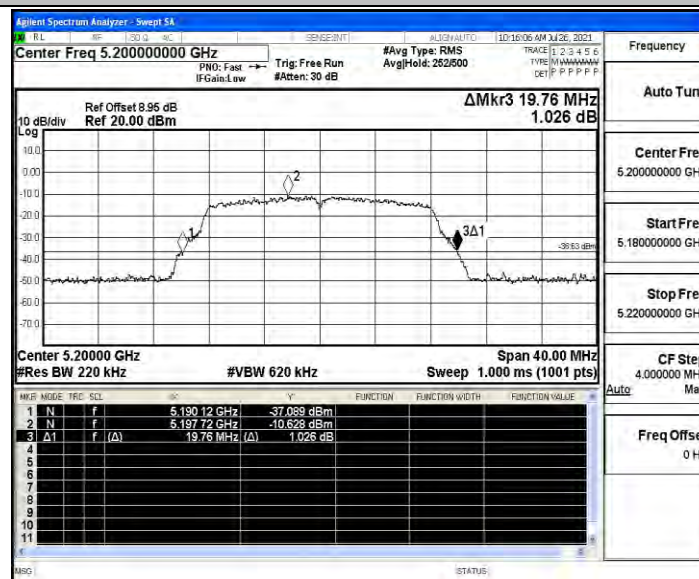


Test Graphs

11A_Ant1_5180

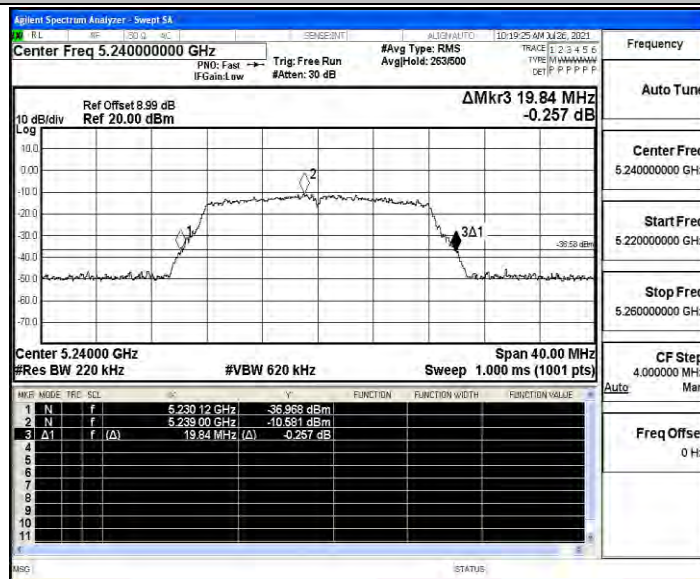


11A_Ant1_5200

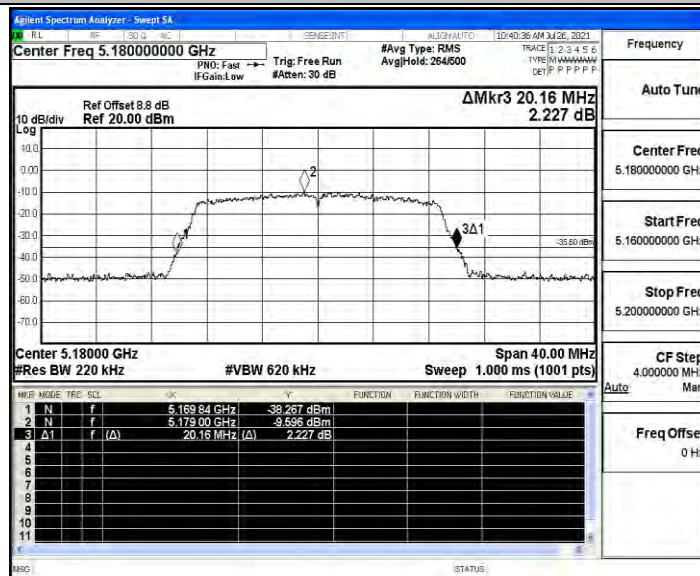




11A_Ant1_5240

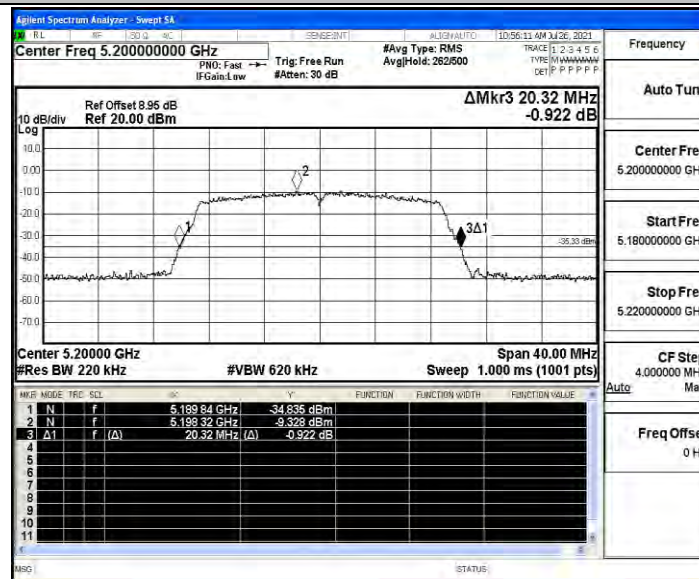


11N20SISO_Ant1_5180

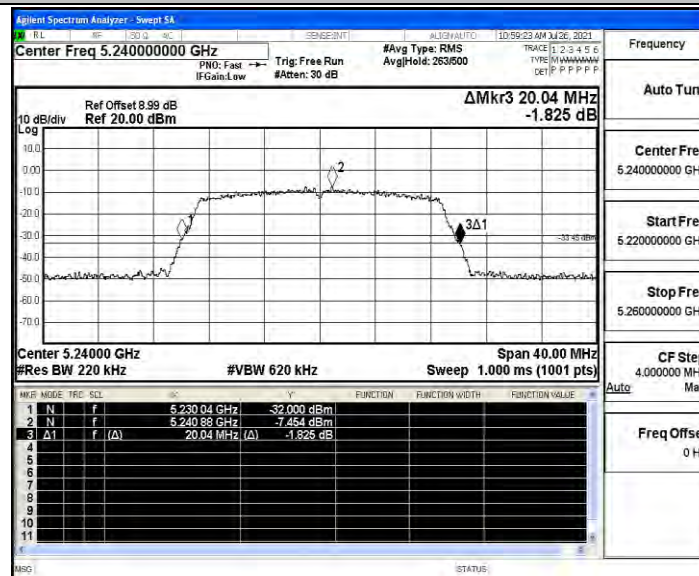




11N20SISO_Ant1_5200

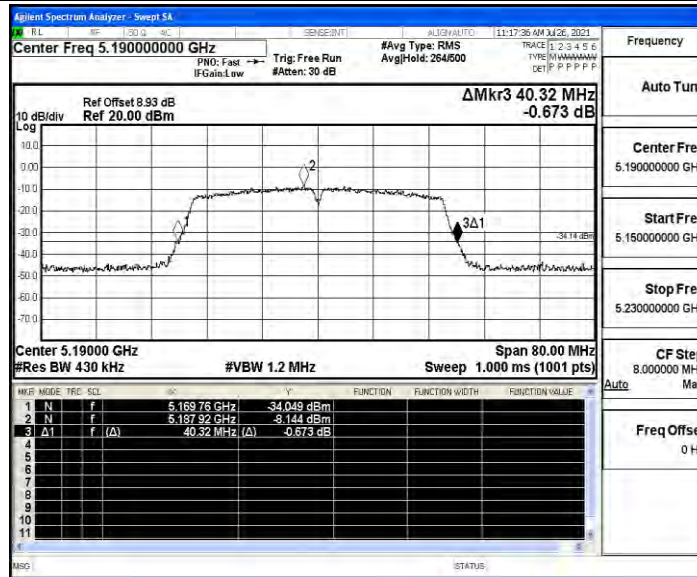


11N20SISO_Ant1_5240

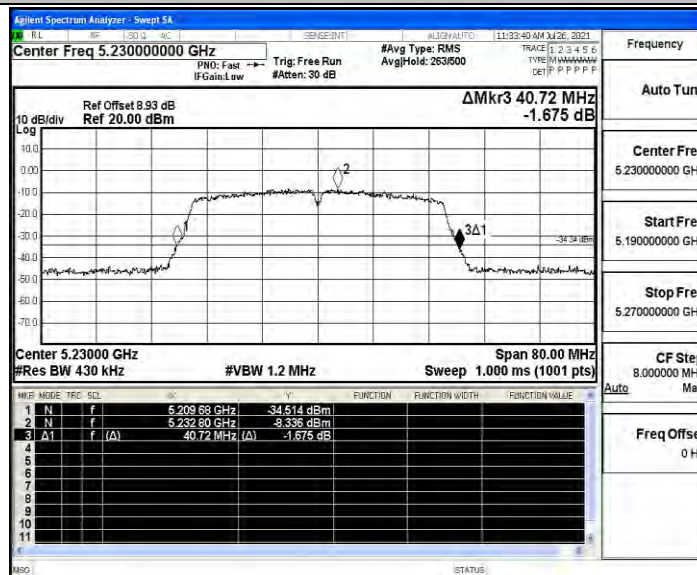




11N40SISO_Ant1_5190

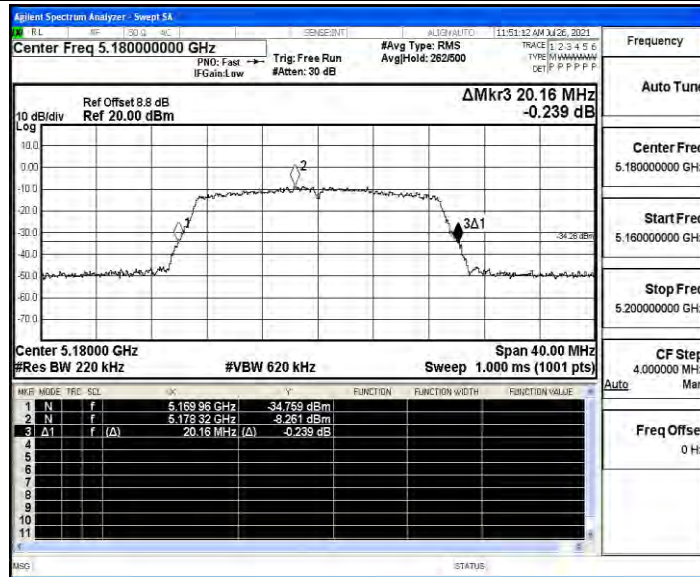


11N40SISO_Ant1_5230

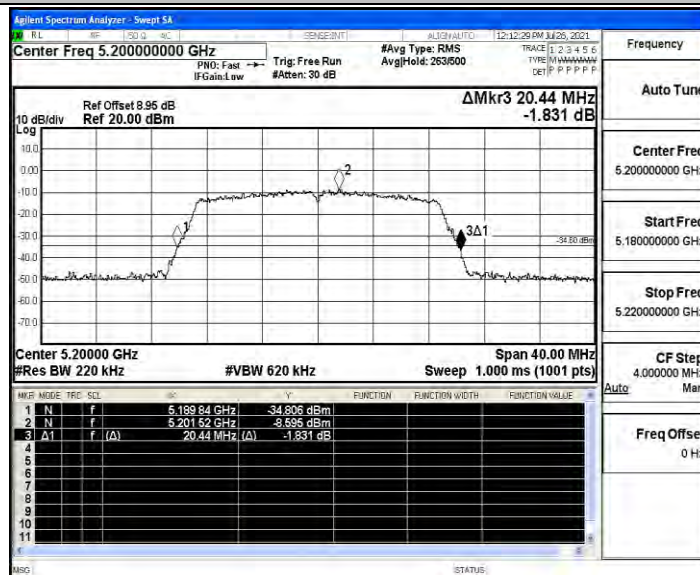




11AC20SISO_Ant1_5180

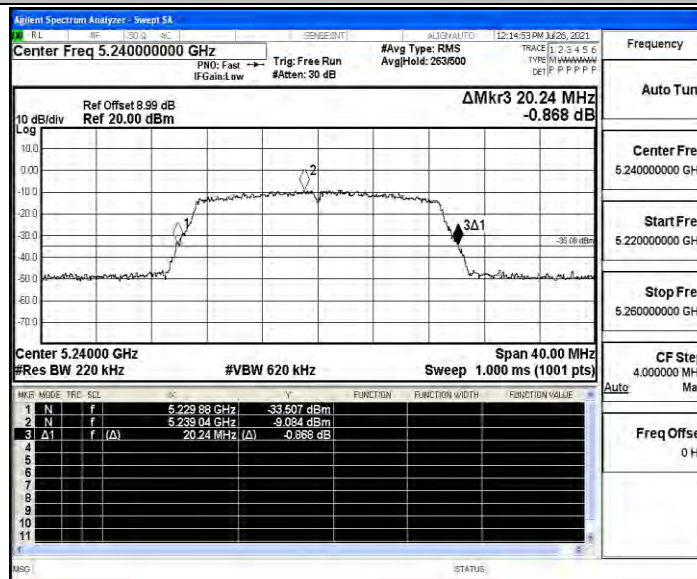


11AC20SISO_Ant1_5200

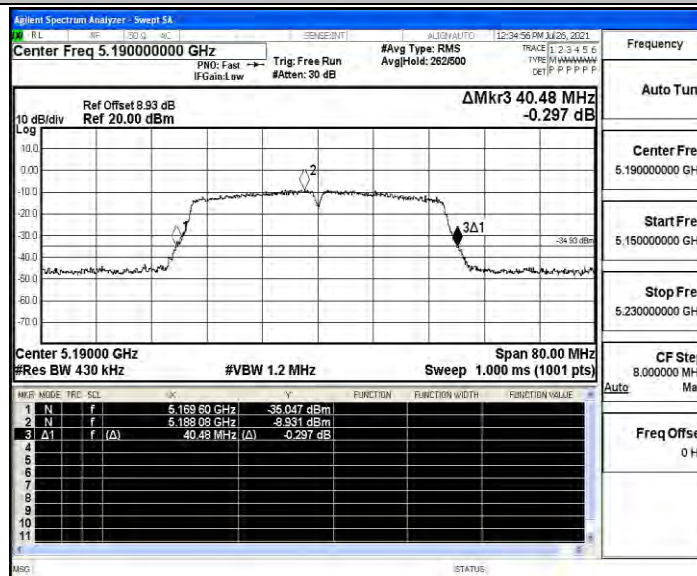




11AC20SISO_Ant1_5240

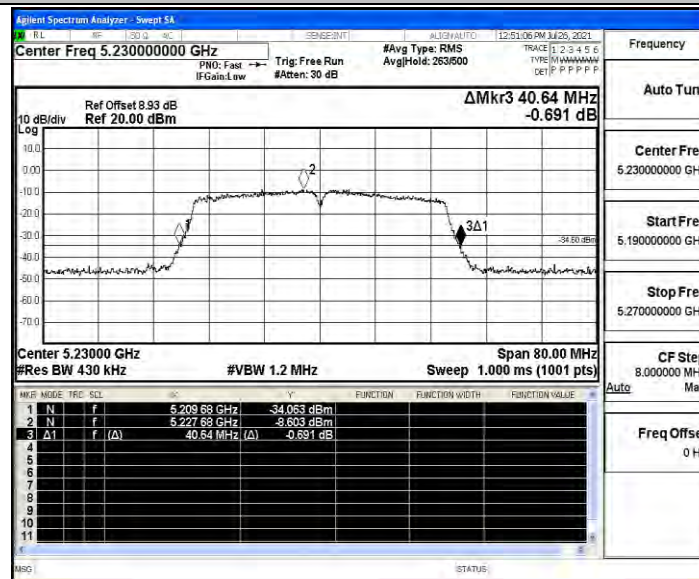


11AC40SISO_Ant1_5190

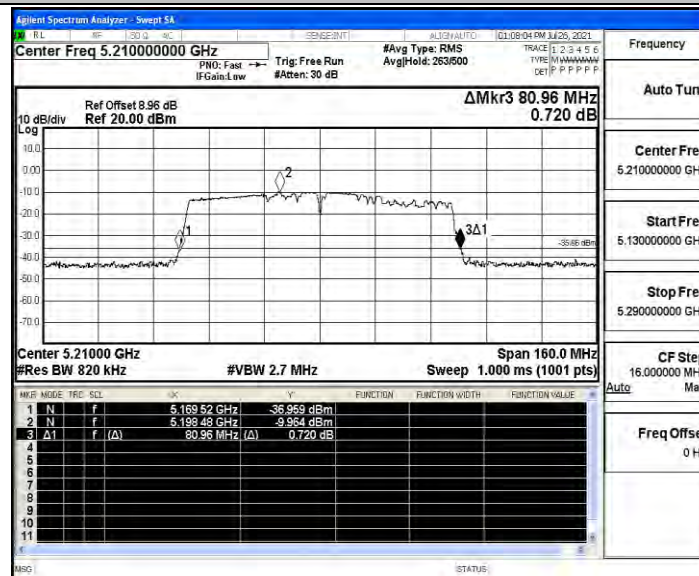




11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210





Appendix D.4.2: Occupied channel bandwidth

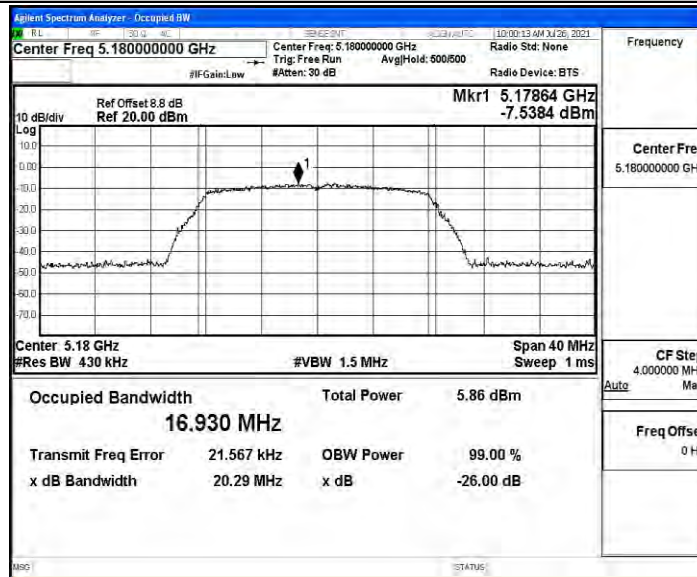
Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.930	5171.557	5188.487	---	PASS
		5200	16.907	5191.516	5208.423	---	PASS
		5240	16.883	5231.567	5248.450	---	PASS
11N20SISO	Ant1	5180	17.873	5171.070	5188.943	---	PASS
		5200	17.845	5191.059	5208.904	---	PASS
		5240	17.837	5231.091	5248.928	---	PASS
11N40SISO	Ant1	5190	36.302	5171.867	5208.169	---	PASS
		5230	36.233	5211.849	5248.082	---	PASS
11AC20SISO	Ant1	5180	17.891	5171.051	5188.942	---	PASS
		5200	17.815	5191.089	5208.904	---	PASS
		5240	17.889	5231.022	5248.911	---	PASS
11AC40SISO	Ant1	5190	36.370	5171.776	5208.146	---	PASS
		5230	36.335	5211.776	5248.111	---	PASS
11AC80SISO	Ant1	5210	75.375	5172.204	5247.579	---	PASS

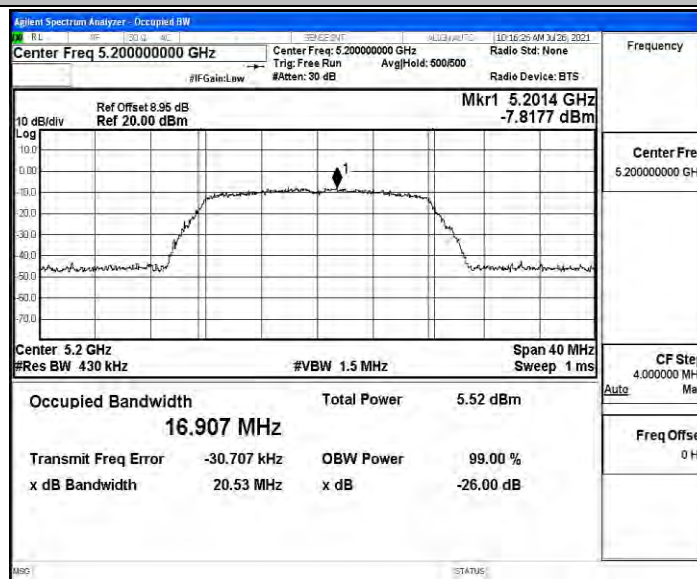


Test Graphs

11A_Ant1_5180

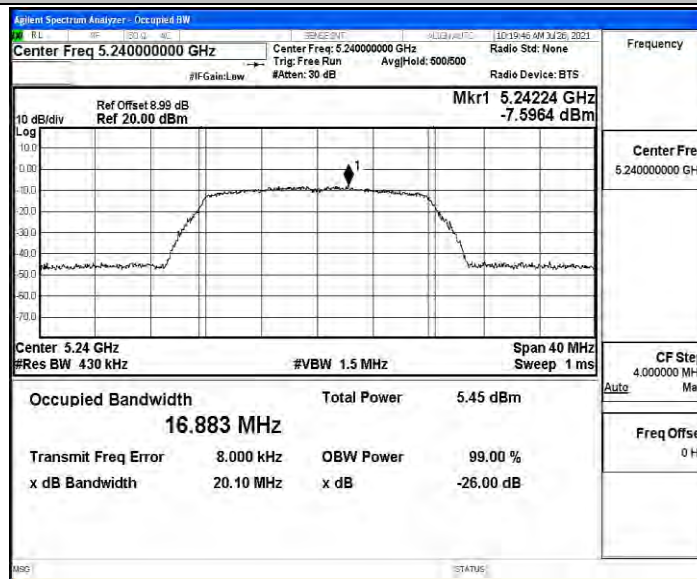


11A_Ant1_5200

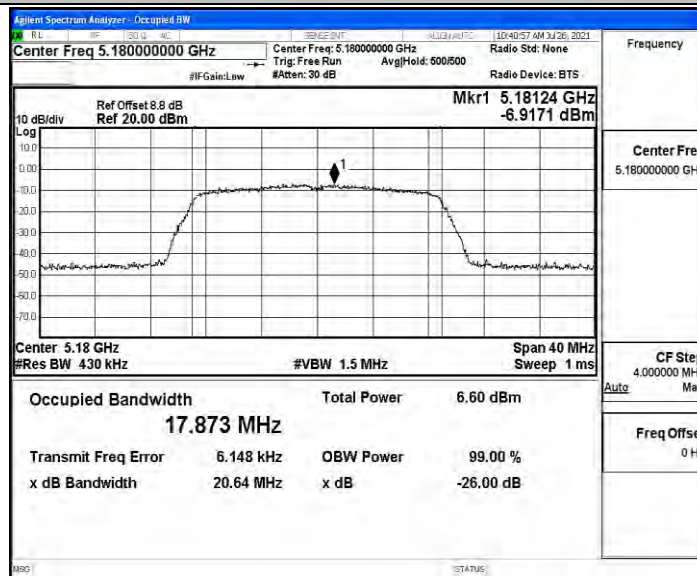




11A_Ant1_5240

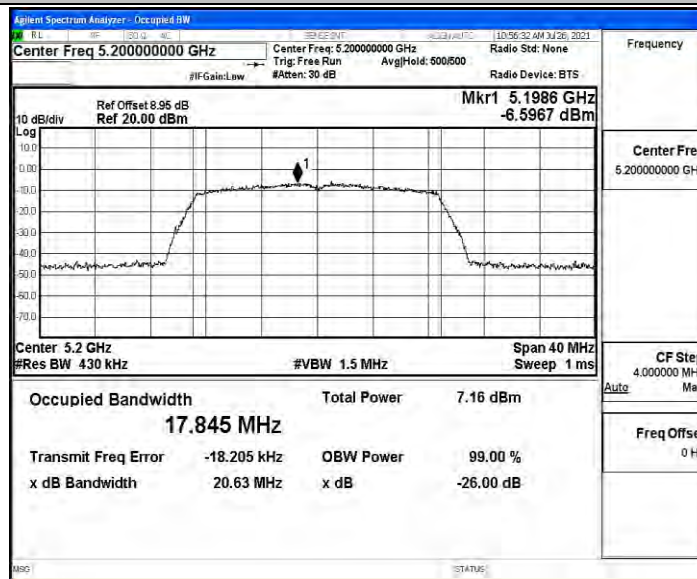


11N20SISO_Ant1_5180

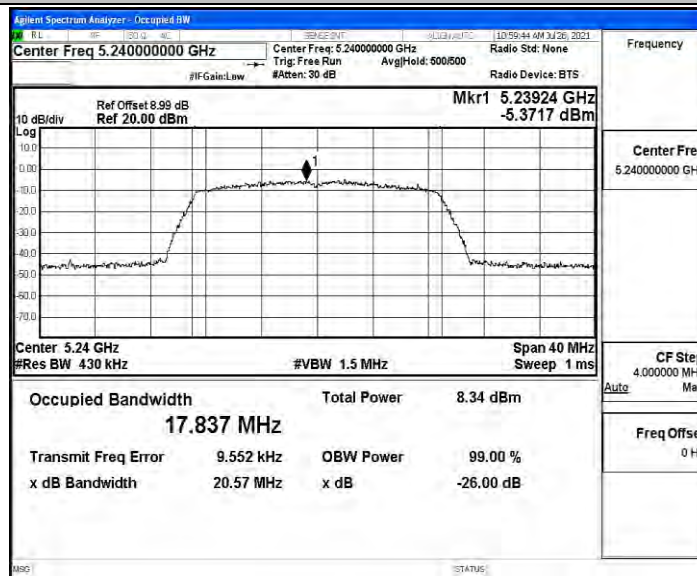




11N20SISO_Ant1_5200

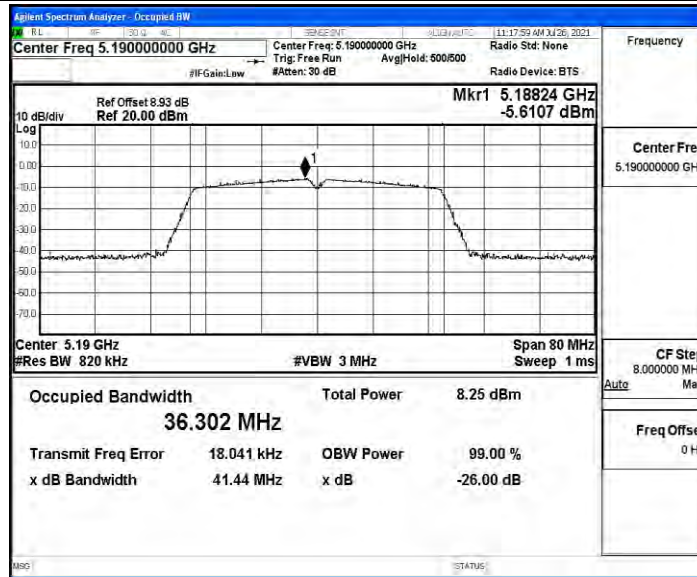


11N20SISO_Ant1_5240

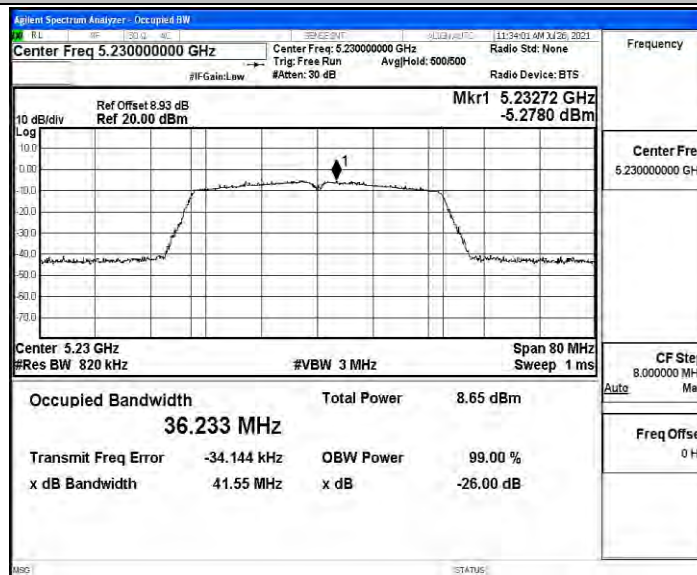




11N40SISO_Ant1_5190

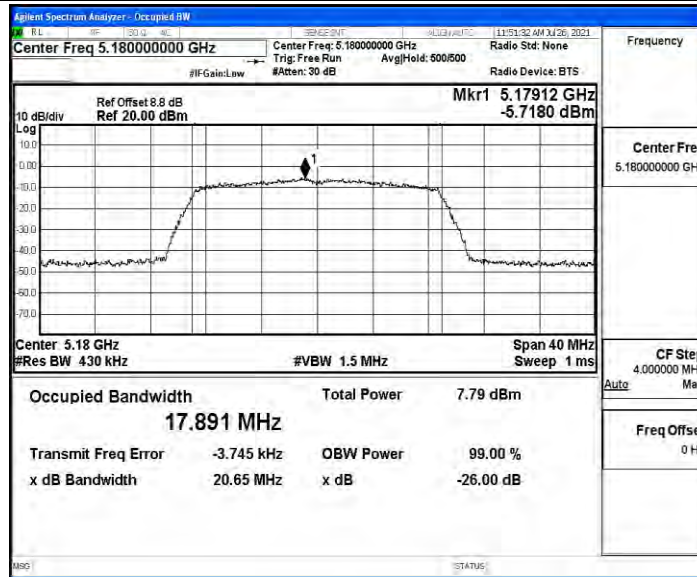


11N40SISO_Ant1_5230

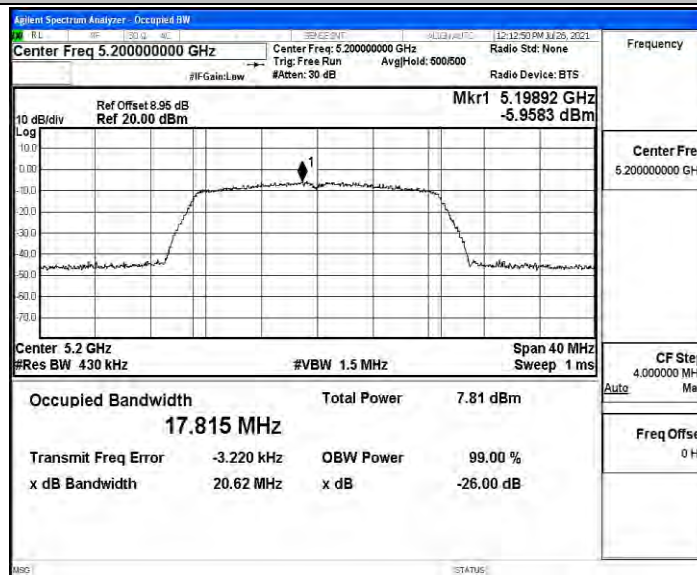




11AC20SISO_Ant1_5180

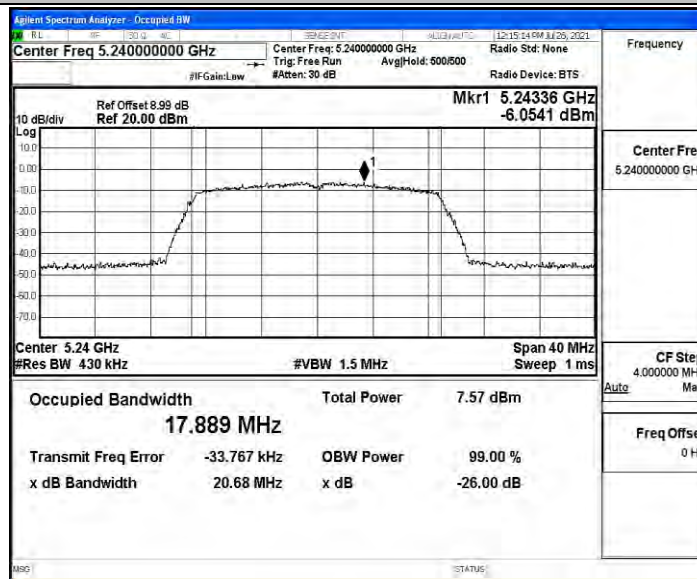


11AC20SISO_Ant1_5200

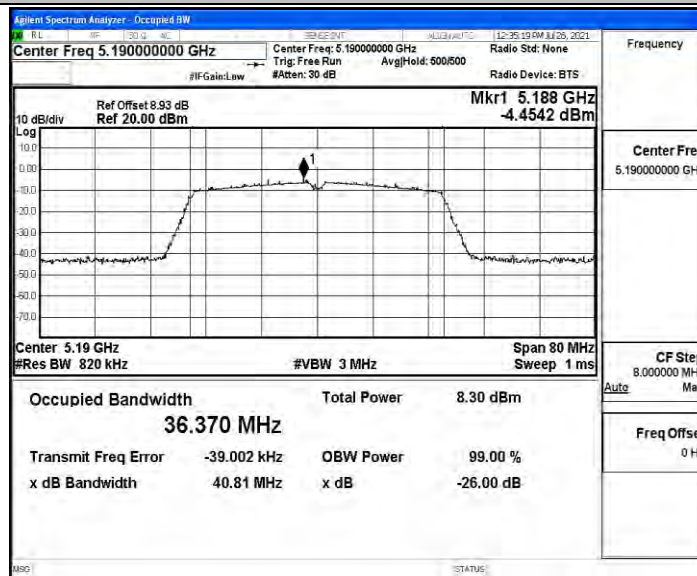




11AC20SISO_Ant1_5240

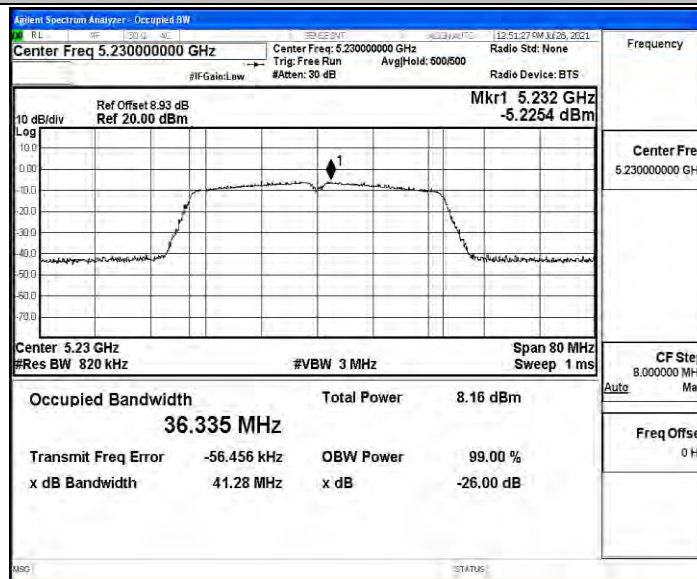


11AC40SISO_Ant1_5190

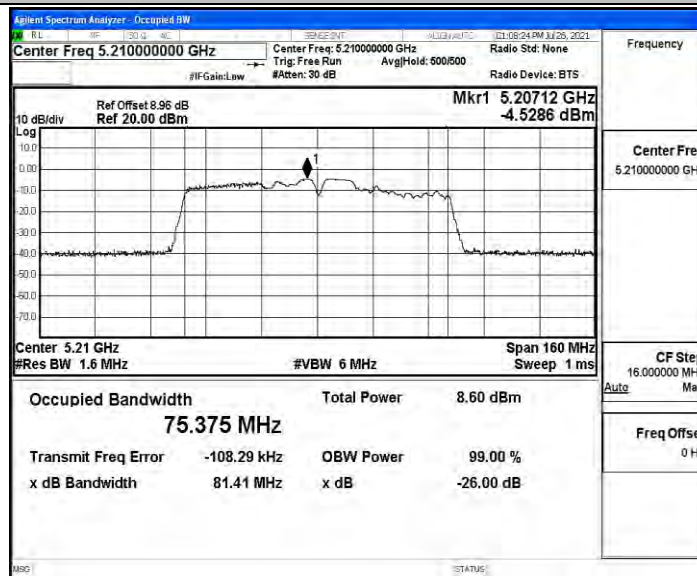




11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210





Appendix D.5: Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Channel	Detector	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant1	Low	5180	AV	4500.000	-50.01	≤-41.20	47.22	≤54	PASS
				AV	4846.500	-48.14	≤-41.20	49.09	≤54	PASS
				AV	5150.000	-48.61	≤-41.20	48.62	≤54	PASS
				Peak	4500.000	-43.71	≤-21.20	53.52	≤74	PASS
				Peak	4840.200	-38.33	≤-21.20	58.90	≤74	PASS
				Peak	5150.000	-42.8	≤-21.20	54.43	≤74	PASS
		High	5240	AV	5350.000	-48.24	≤-41.20	48.99	≤54	PASS
				AV	5412.240	-48.18	≤-41.20	49.05	≤54	PASS
				AV	5460.000	-48.24	≤-41.20	48.99	≤54	PASS
				Peak	5350.000	-44.21	≤-21.20	53.02	≤74	PASS
				Peak	5397.120	-38.49	≤-21.20	58.74	≤74	PASS
				Peak	5460.000	-43.39	≤-21.20	53.84	≤74	PASS
11N20SIS O	Ant1	Low	5180	AV	4500.000	-50.05	≤-41.20	47.18	≤54	PASS
				AV	4850.700	-48.17	≤-41.20	49.06	≤54	PASS
				AV	5150.000	-48.6	≤-41.20	48.63	≤54	PASS
				Peak	4500.000	-45.3	≤-21.20	51.93	≤74	PASS
				Peak	4968.300	-38.37	≤-21.20	58.86	≤74	PASS
				Peak	5150.000	-41.16	≤-21.20	56.07	≤74	PASS
		High	5240	AV	5350.000	-48.28	≤-41.20	48.95	≤54	PASS
				AV	5369.040	-48.24	≤-41.20	48.99	≤54	PASS
				AV	5460.000	-48.31	≤-41.20	48.92	≤54	PASS
				Peak	5350.000	-42.46	≤-21.20	54.77	≤74	PASS
				Peak	5400.480	-38.11	≤-21.20	59.12	≤74	PASS
				Peak	5460.000	-43.1	≤-21.20	54.13	≤74	PASS
11N40SIS O	Ant1	Low	5190	AV	4500.000	-49.94	≤-41.20	47.29	≤54	PASS
				AV	4837.400	-48.12	≤-41.20	49.11	≤54	PASS
				AV	5150.000	-48.51	≤-41.20	48.72	≤54	PASS
				Peak	4500.000	-44.51	≤-21.20	52.72	≤74	PASS
				Peak	4947.300	-38.55	≤-21.20	58.68	≤74	PASS
				Peak	5150.000	-43.07	≤-21.20	54.16	≤74	PASS
		High	5230	AV	5350.000	-48.37	≤-41.20	48.86	≤54	PASS
				AV	5392.400	-48.31	≤-41.20	48.92	≤54	PASS
				AV	5460.000	-48.38	≤-41.20	48.85	≤54	PASS
				Peak	5350.000	-42.59	≤-21.20	54.64	≤74	PASS
				Peak	5372.380	-38.12	≤-21.20	59.11	≤74	PASS
				Peak	5460.000	-41.15	≤-21.20	56.08	≤74	PASS



11AC20SI SO	Ant1	Low	5180	AV	4500.000	-50.1	≤-41.20	47.13	≤54	PASS
				AV	4835.300	-48.25	≤-41.20	48.98	≤54	PASS
				AV	5150.000	-48.64	≤-41.20	48.59	≤54	PASS
				Peak	4500.000	-46.13	≤-21.20	51.10	≤74	PASS
				Peak	4897.600	-38.29	≤-21.20	58.94	≤74	PASS
				Peak	5150.000	-43.78	≤-21.20	53.45	≤74	PASS
		High	5240	AV	5350.000	-48.31	≤-41.20	48.92	≤54	PASS
				AV	5382.720	-48.25	≤-41.20	48.98	≤54	PASS
				AV	5460.000	-48.33	≤-41.20	48.90	≤54	PASS
				Peak	5350.000	-43.35	≤-21.20	53.88	≤74	PASS
				Peak	5439.120	-38.32	≤-21.20	58.91	≤74	PASS
				Peak	5460.000	-43.51	≤-21.20	53.72	≤74	PASS
11AC40SI SO	Ant1	Low	5190	AV	4500.000	-49.99	≤-41.20	47.24	≤54	PASS
				AV	4854.200	-48.12	≤-41.20	49.11	≤54	PASS
				AV	5150.000	-48.52	≤-41.20	48.71	≤54	PASS
				Peak	4500.000	-43.98	≤-21.20	53.25	≤74	PASS
				Peak	4934.700	-39.1	≤-21.20	58.13	≤74	PASS
				Peak	5150.000	-43.85	≤-21.20	53.38	≤74	PASS
		High	5230	AV	5350.000	-48.39	≤-41.20	48.84	≤54	PASS
				AV	5393.440	-48.33	≤-41.20	48.90	≤54	PASS
				AV	5460.000	-48.39	≤-41.20	48.84	≤54	PASS
				Peak	5350.000	-41.76	≤-21.20	55.47	≤74	PASS
				Peak	5367.700	-38.39	≤-21.20	58.84	≤74	PASS
				Peak	5460.000	-44.51	≤-21.20	52.72	≤74	PASS
11AC80SI SO	Ant1	Low	5210	AV	4500.000	-49.95	≤-41.20	47.28	≤54	PASS
				AV	4855.500	-48.09	≤-41.20	49.14	≤54	PASS
				AV	5150.000	-48.25	≤-41.20	48.98	≤54	PASS
				Peak	4500.000	-43.59	≤-21.20	53.64	≤74	PASS
				Peak	5026.500	-37.25	≤-21.20	59.98	≤74	PASS
				Peak	5150.000	-42.93	≤-21.20	54.30	≤74	PASS
		High	5210	AV	5350.000	-48.37	≤-41.20	48.86	≤54	PASS
				AV	5372.360	-48.3	≤-41.20	48.93	≤54	PASS
				AV	5460.000	-48.37	≤-41.20	48.86	≤54	PASS
				Peak	5350.000	-43.18	≤-21.20	54.05	≤74	PASS
				Peak	5426.400	-38.54	≤-21.20	58.69	≤74	PASS
				Peak	5460.000	-43.37	≤-21.20	53.86	≤74	PASS

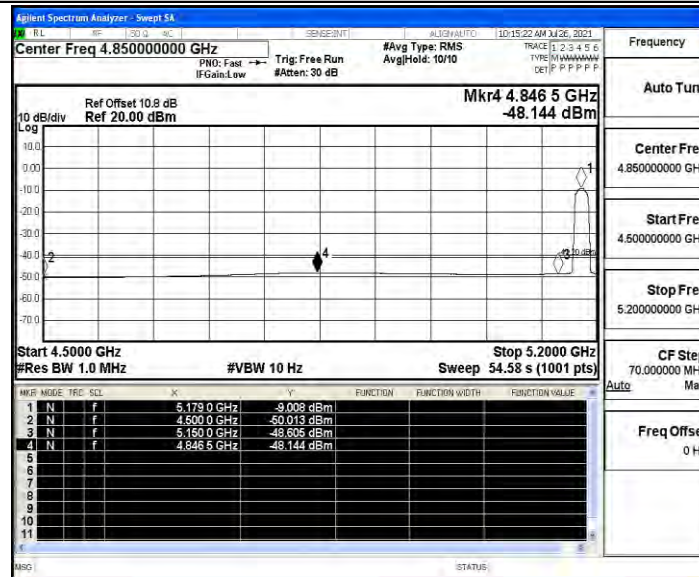
Note:

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.

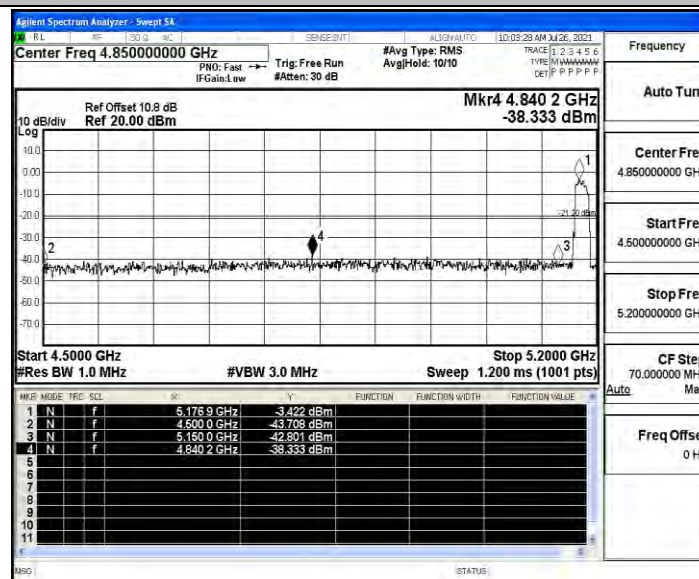


Test Graphs

11A_Ant1_Low_5180_AV

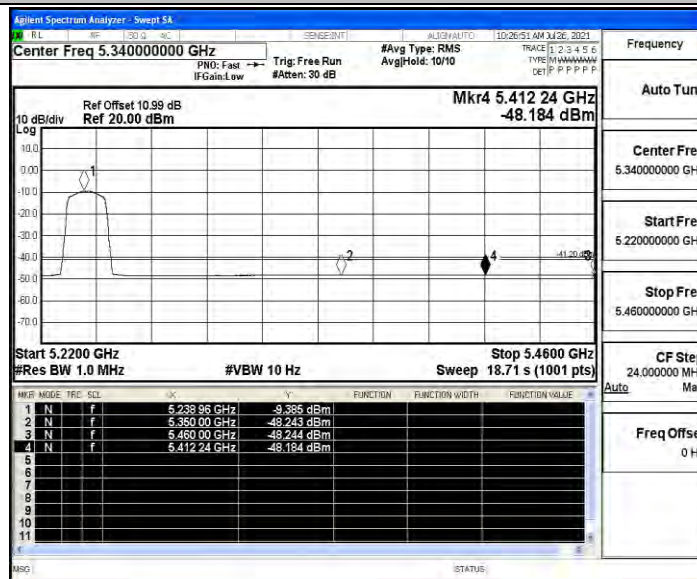


11A_Ant1_Low_5180_Peak

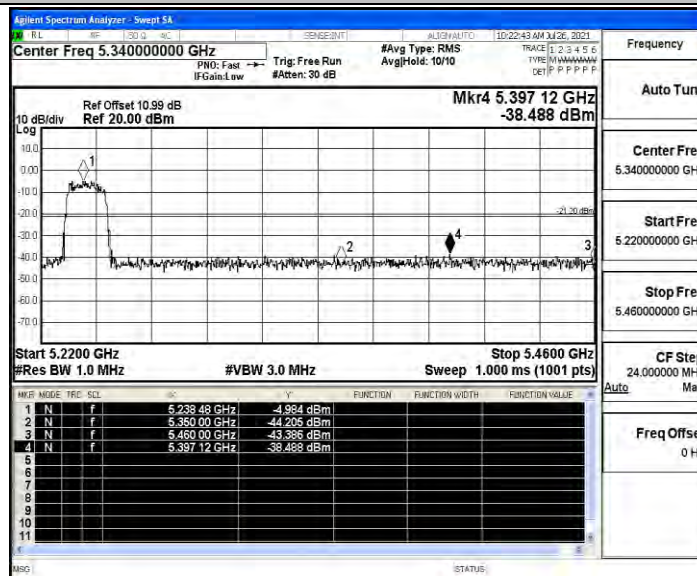




11A_Ant1_High_5240_AV

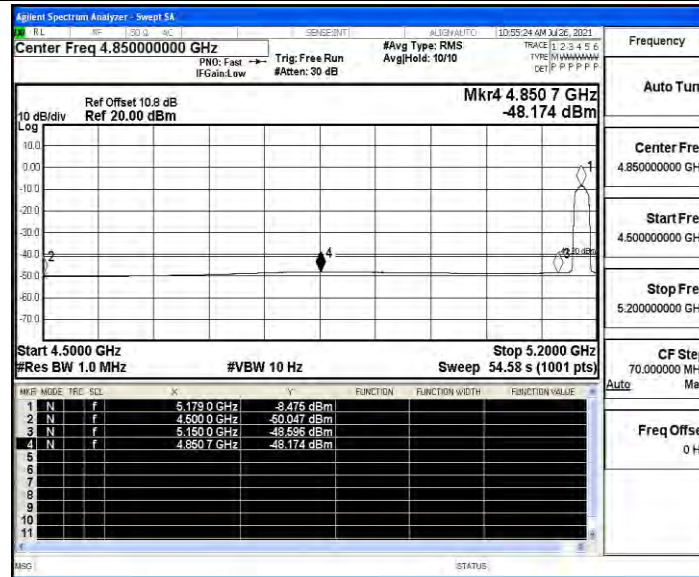


11A_Ant1_High_5240_Peak

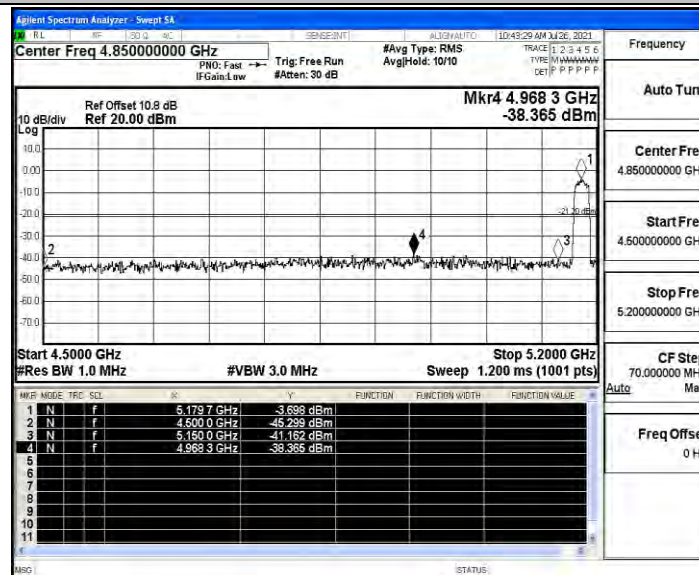




11N20SISO_Ant1_Low_5180_AV

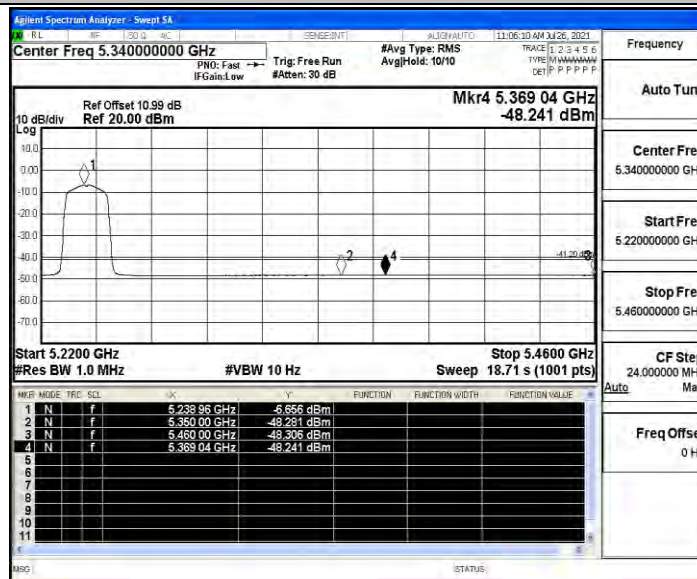


11N20SISO_Ant1_Low_5180_Peak

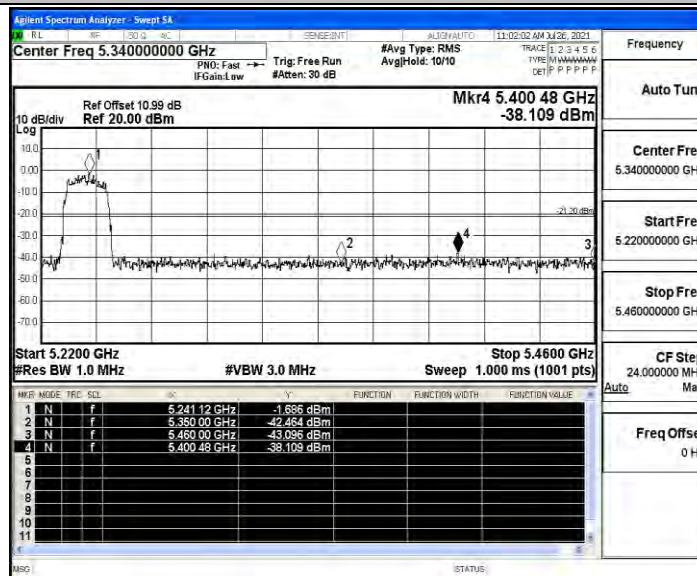




11N20SISO_Ant1_High_5240_AV

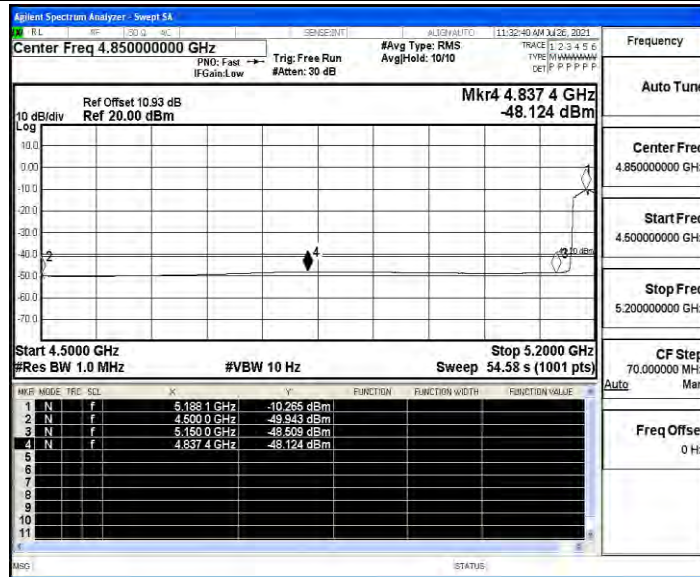


11N20SISO_Ant1_High_5240_Peak

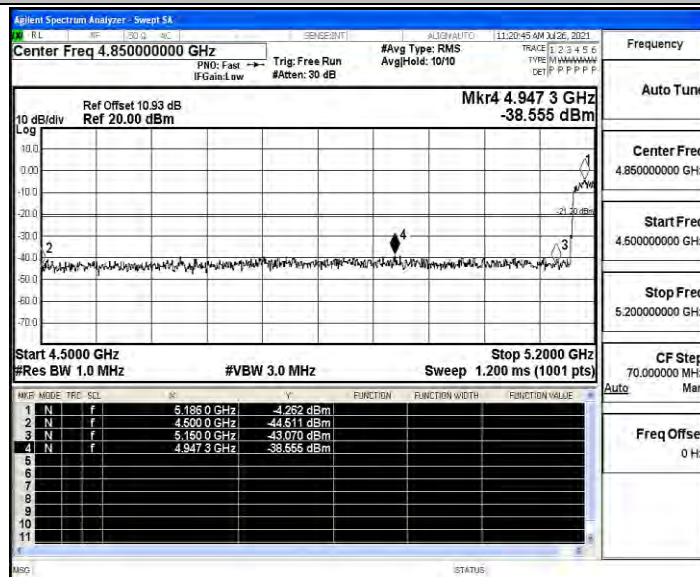




11N40SISO_Ant1_Low_5190_AV

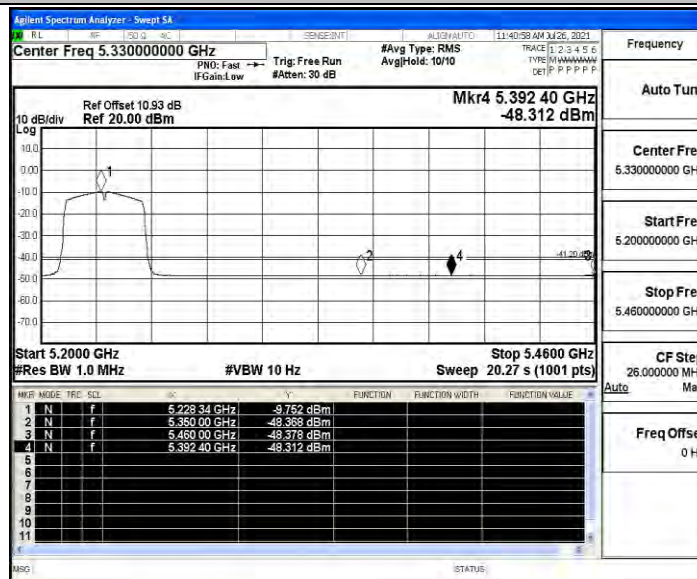


11N40SISO_Ant1_Low_5190_Peak

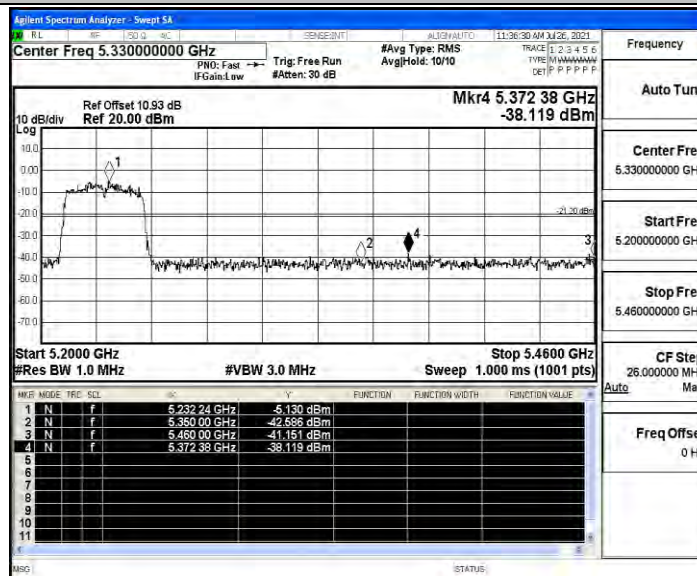




11N40SISO_Ant1_High_5230_AV

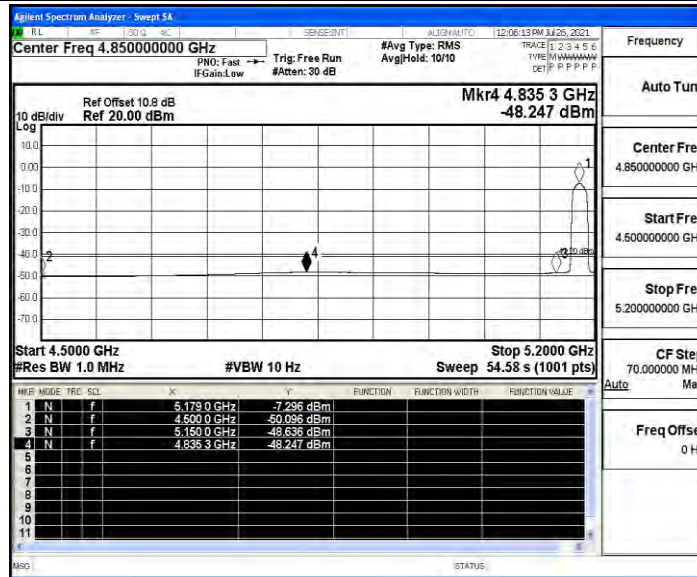


11N40SISO_Ant1_High_5230_Peak

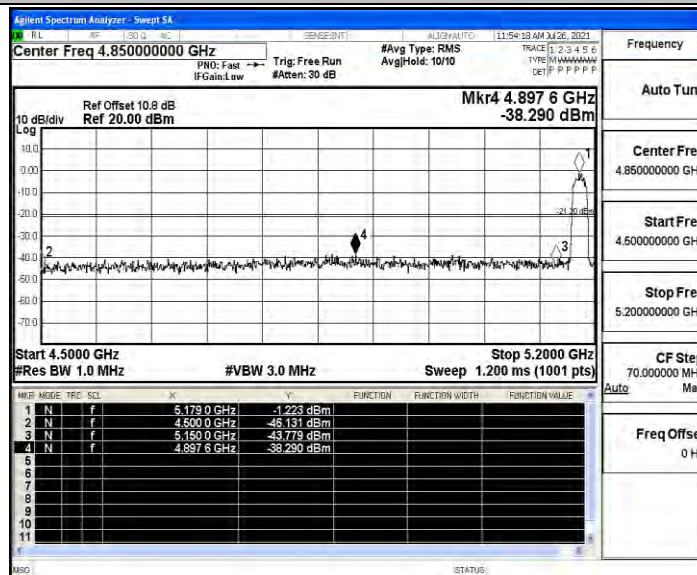




11AC20SISO_Ant1_Low_5180_AV

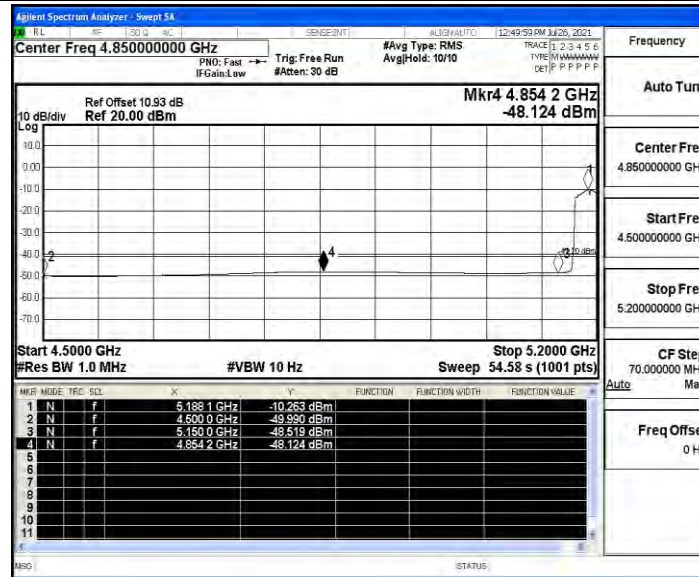


11AC20SISO_Ant1_Low_5180_Peak

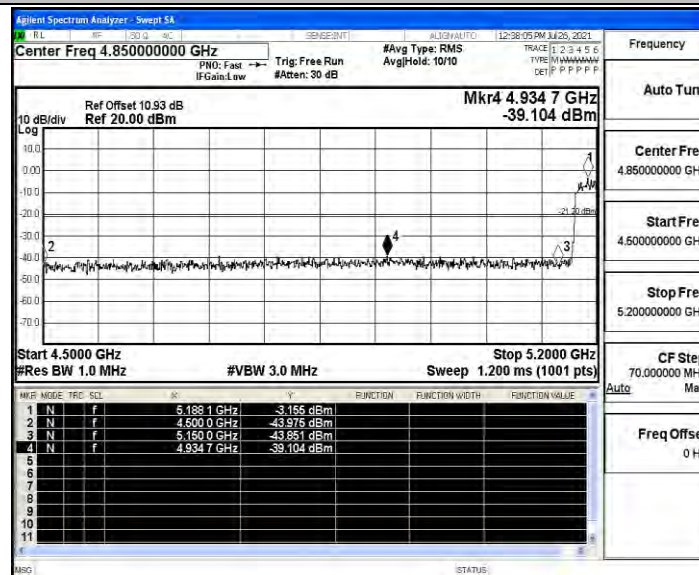




11AC40SISO_Ant1_Low_5190_AV

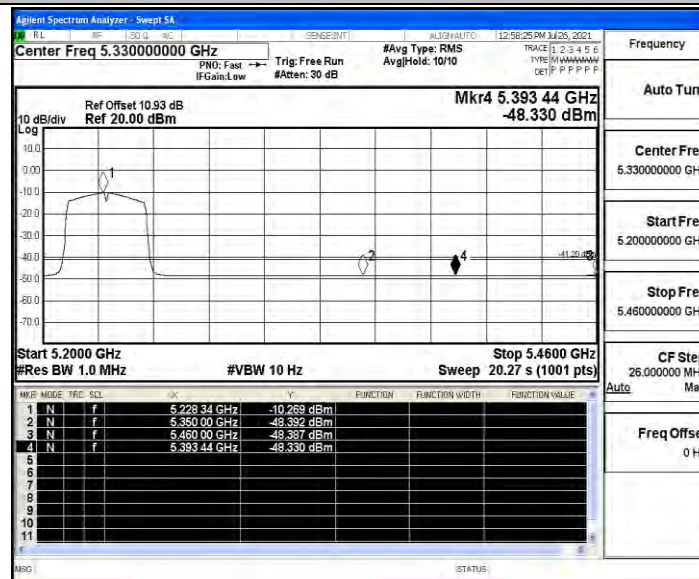


11AC40SISO_Ant1_Low_5190_Peak

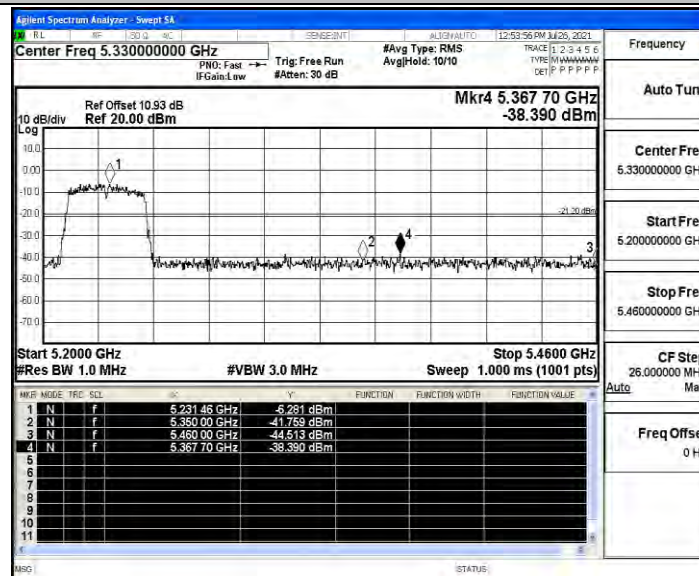




11AC40SISO_Ant1_High_5230_AV

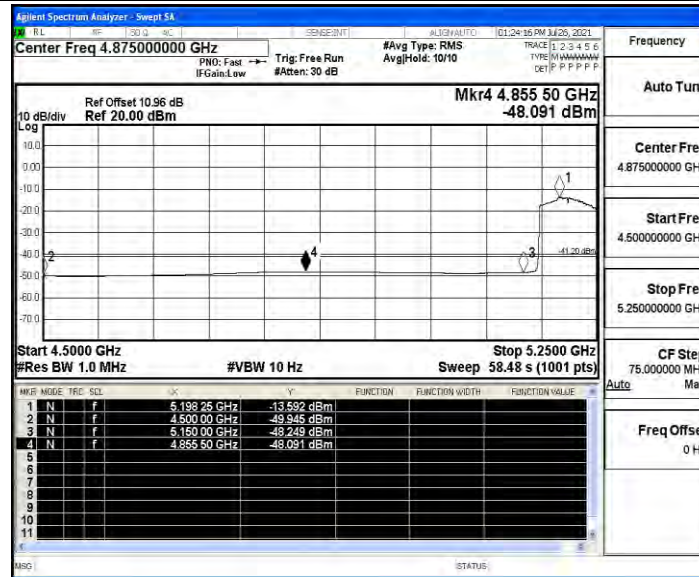


11AC40SISO_Ant1_High_5230_Peak

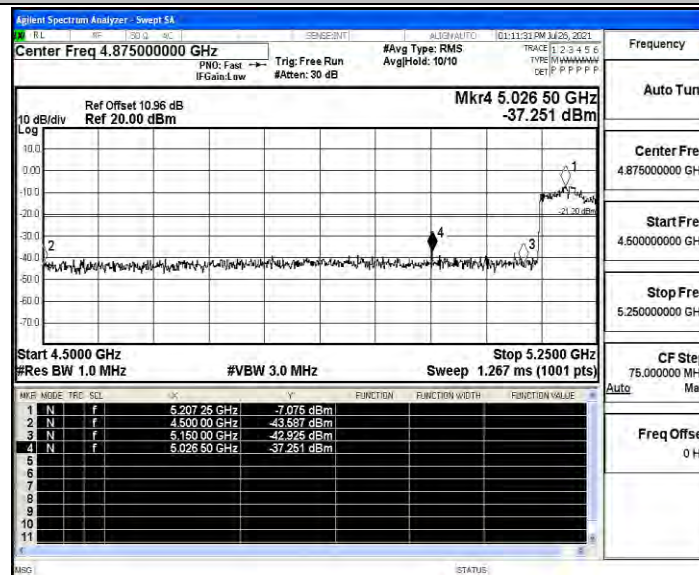




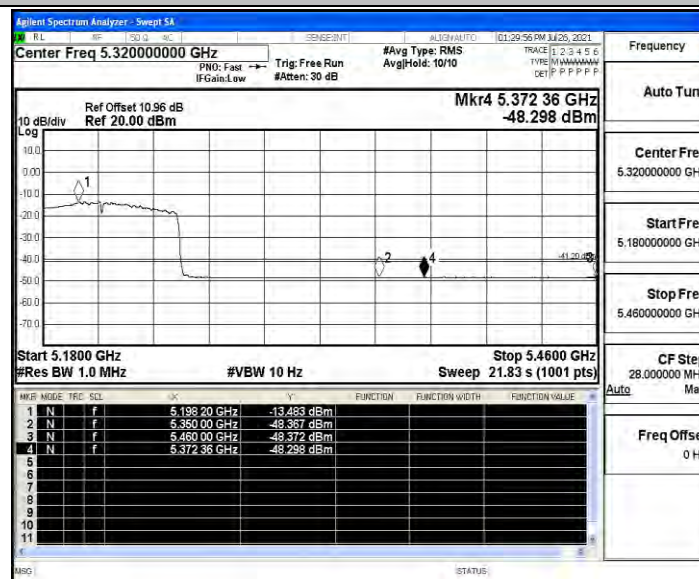
11AC80SISO_Ant1_Low_5210_AV



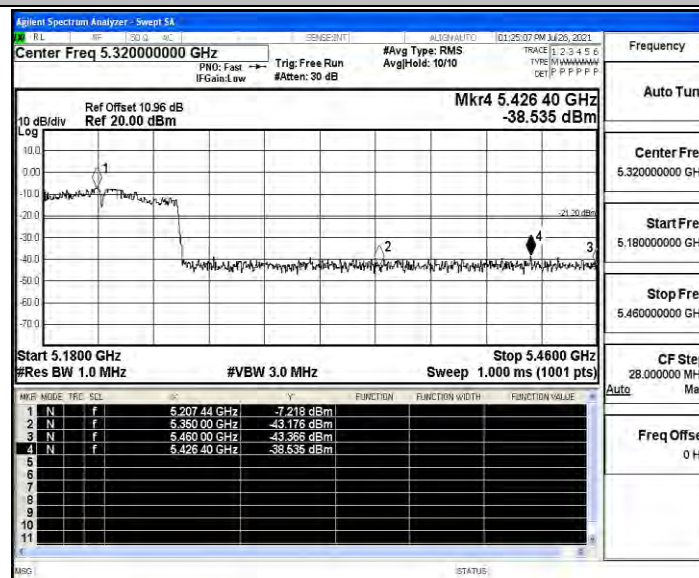
11AC80SISO_Ant1_Low_5210_Peak



11AC80SISO_Ant1_High_5210_AV



11AC80SISO_Ant1_High_5210_Peak





Appendix D.6: Band edge measurements

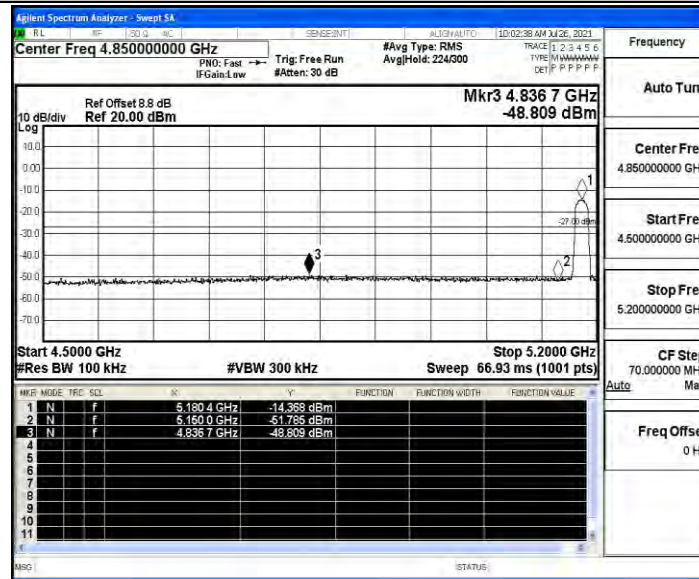
Test Result

TestMode	Antenna	ChName	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-48.81	≤ -27	PASS
		High	5240	-48.98	≤ -27	PASS
11N20SISO	Ant1	Low	5180	-48.19	≤ -27	PASS
		High	5240	-48.22	≤ -27	PASS
11N40SISO	Ant1	Low	5190	-48.44	≤ -27	PASS
		High	5230	-48.76	≤ -27	PASS
11AC20SISO	Ant1	Low	5180	-48.81	≤ -27	PASS
		High	5240	-48.94	≤ -27	PASS
11AC40SISO	Ant1	Low	5190	-48.7	≤ -27	PASS
		High	5230	-49.26	≤ -27	PASS
11AC80SISO	Ant1	Low	5210	-48.94	≤ -27	PASS
		High	5210	-48.95	≤ -27	PASS

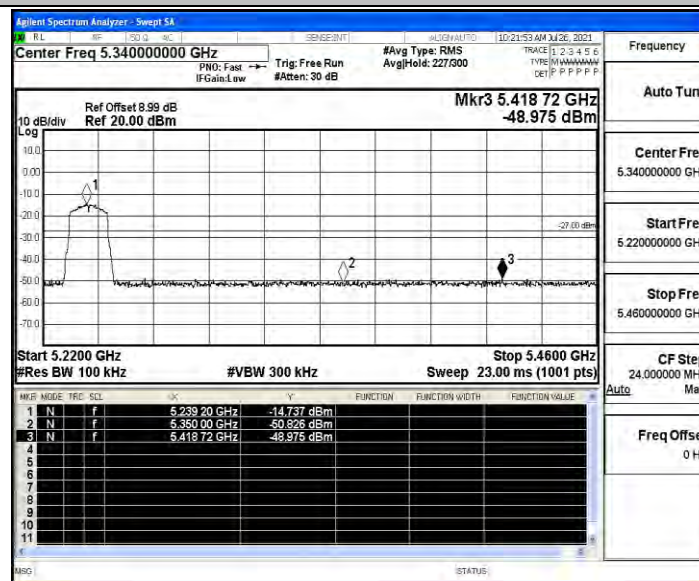


Test Graphs

11A_Ant1_Low_5180

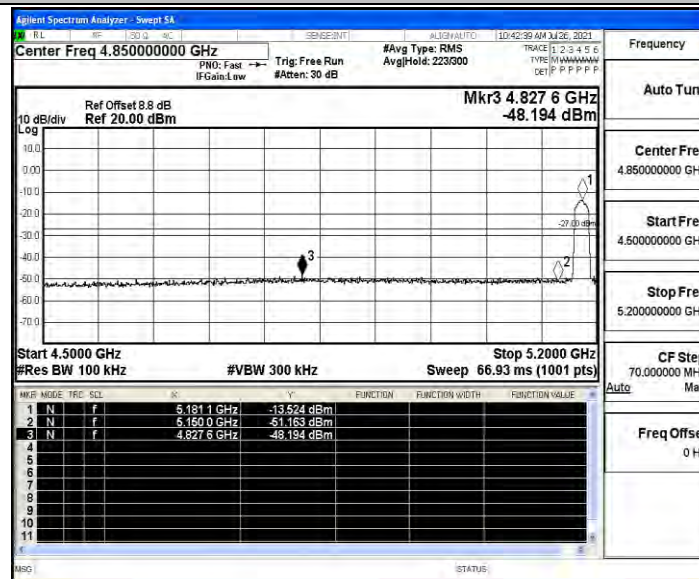


11A_Ant1_High_5240

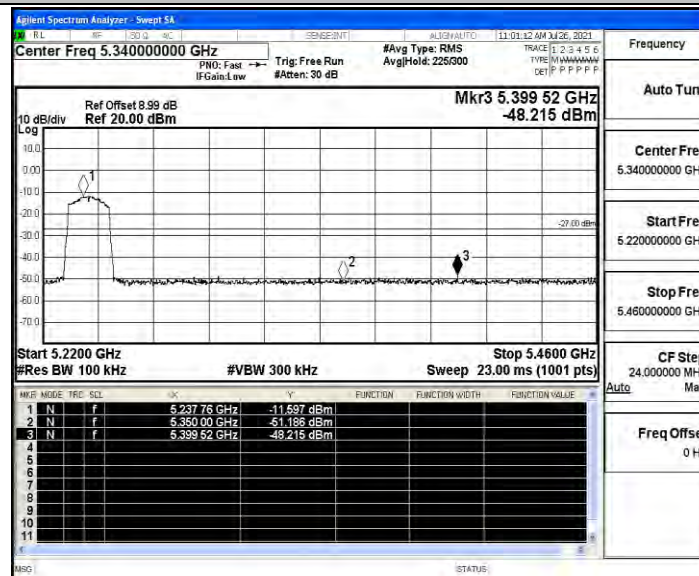




11N20SISO_Ant1_Low_5180

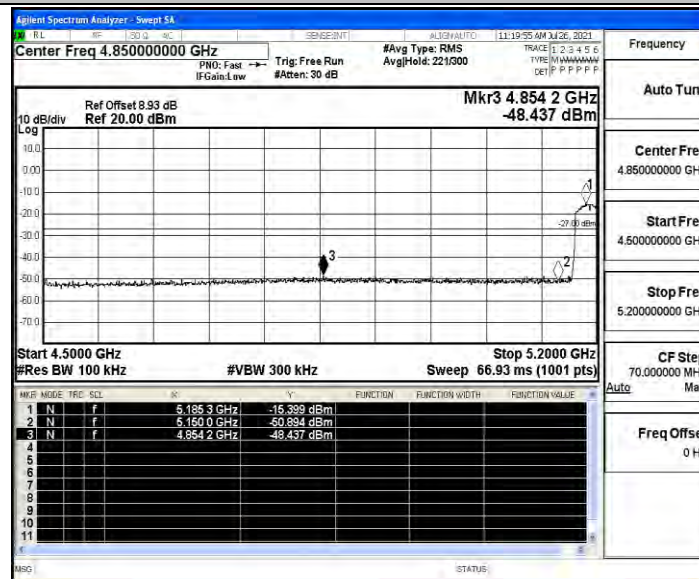


11N20SISO_Ant1_High_5240

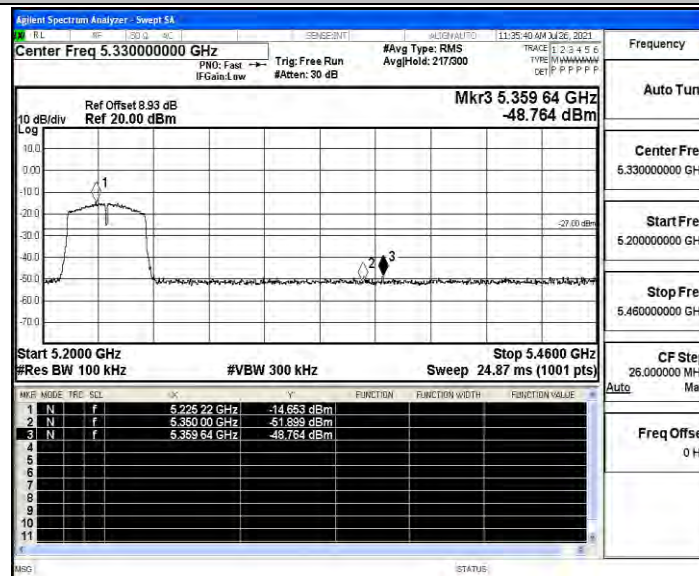




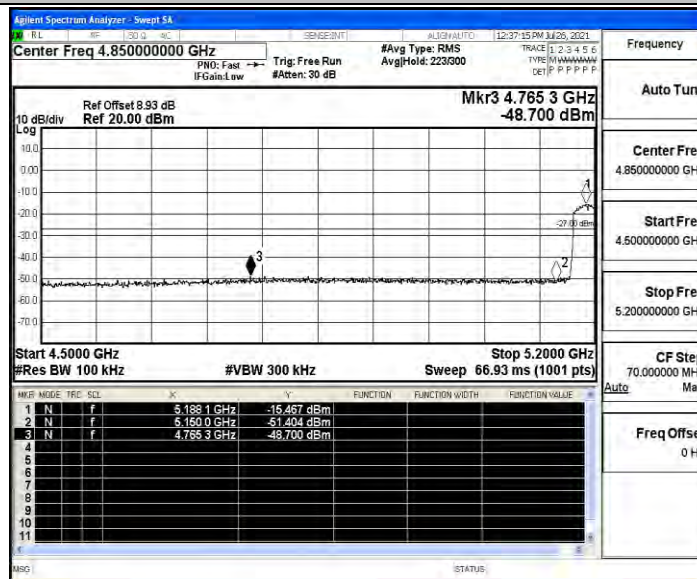
11N40SISO_Ant1_Low_5190



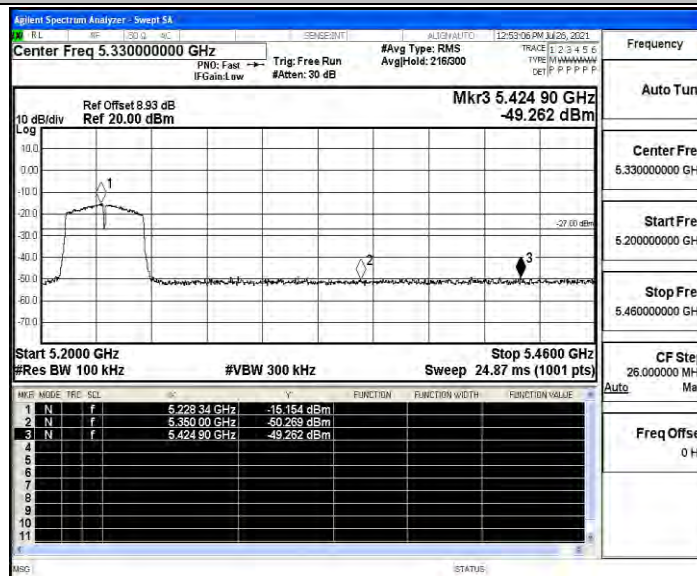
11N40SISO_Ant1_High_5230



11AC40SISO_Ant1_Low_5190

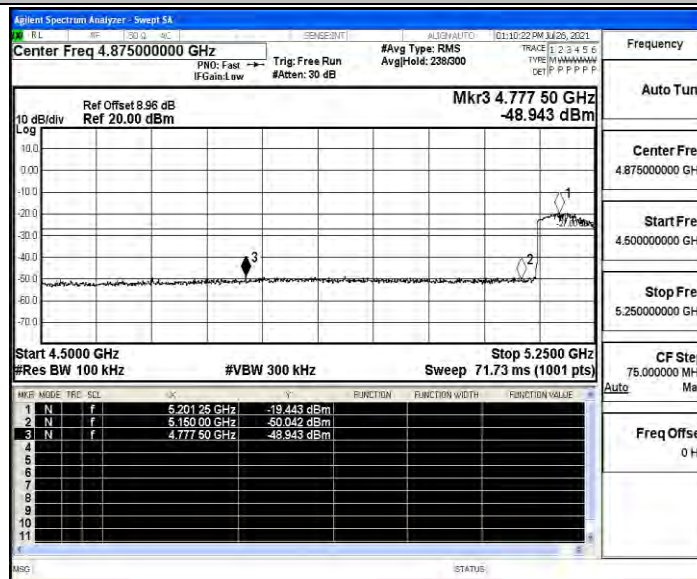


11AC40SISO_Ant1_High_5230

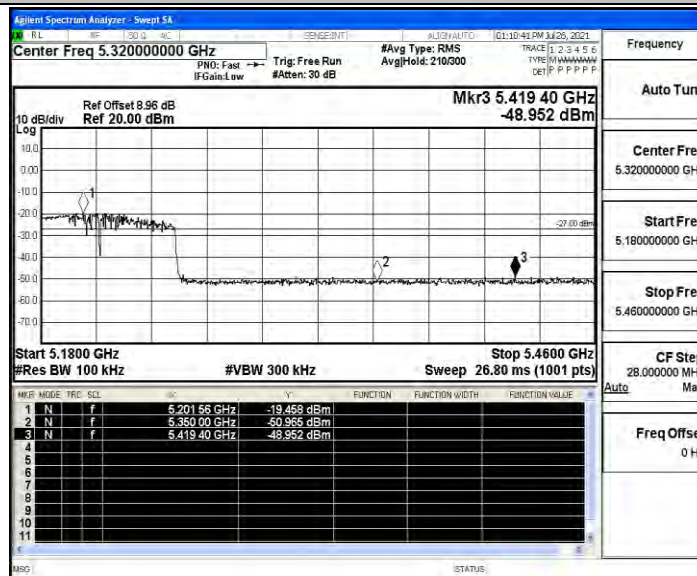




11AC80SISO_Ant1_Low_5210



11AC80SISO_Ant1_High_5210





Appendix D.7: Conducted Spurious Emission

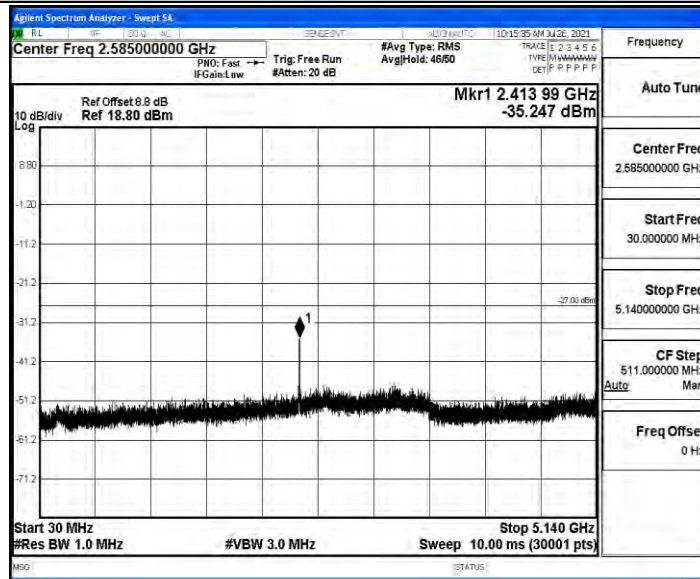
Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	2413.99	-35.25	≤-27	PASS
			5360~10000	5680.93	-49.43	≤-27	PASS
		5200	30~5140	2414.67	-38.28	≤-27	PASS
			5360~10000	5757.96	-48.68	≤-27	PASS
		5240	30~5140	2656.71	-47.45	≤-27	PASS
			5360~10000	6382.97	-48.85	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	2413.99	-38.99	≤-27	PASS
			5360~10000	6425.03	-49.18	≤-27	PASS
		5200	30~5140	2516.36	-45.53	≤-27	PASS
			5360~10000	6221.65	-48.78	≤-27	PASS
		5240	30~5140	3321.35	-47.06	≤-27	PASS
			5360~10000	6476.69	-48.73	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	2415.69	-38.67	≤-27	PASS
			5360~10000	6032.8	-49.05	≤-27	PASS
		5230	30~5140	3332.76	-47.01	≤-27	PASS
			5360~10000	9335.55	-48.89	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	2657.73	-47.46	≤-27	PASS
			5360~10000	6313.06	-49.36	≤-27	PASS
		5200	30~5140	2413.64	-33.18	≤-27	PASS
			5360~10000	9761.97	-49.99	≤-27	PASS
		5240	30~5140	3125.64	-47.13	≤-27	PASS
			5360~10000	6307.49	-47.61	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	2413.64	-36.9	≤-27	PASS
			5360~10000	6464.01	-49.46	≤-27	PASS
		5230	30~5140	2618.56	-40.97	≤-27	PASS
			5360~10000	9493.47	-48.83	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	2411.77	-41.5	≤-27	PASS
			5360~10000	5666.55	-48.8	≤-27	PASS

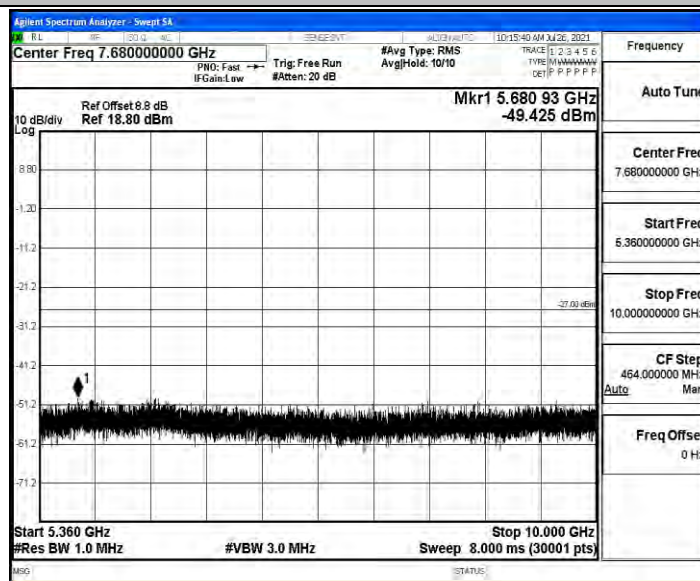


Test Graphs

11A_Ant1_5180_30~5140

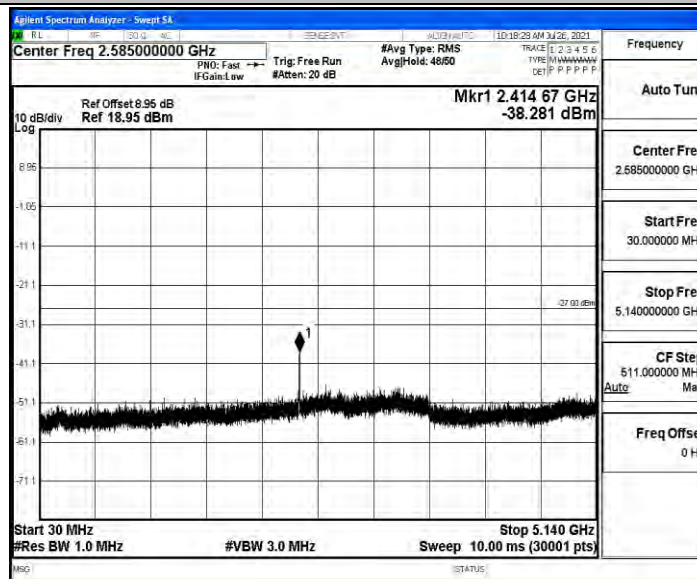


11A_Ant1_5180_5360~10000

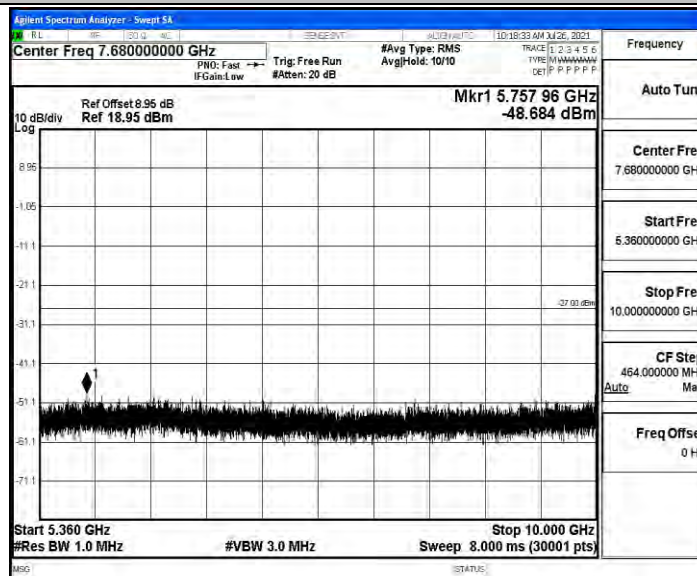




11A_Ant1_5200_30~5140

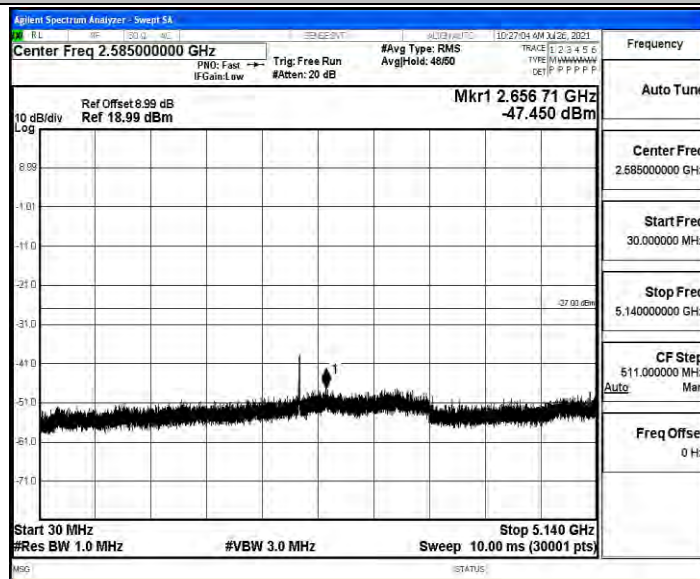


11A_Ant1_5200_5360~10000

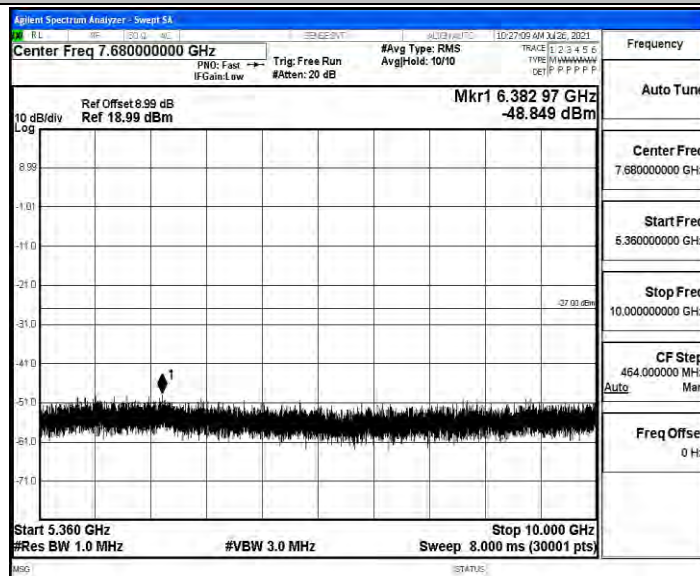




11A_Ant1_5240_30~5140

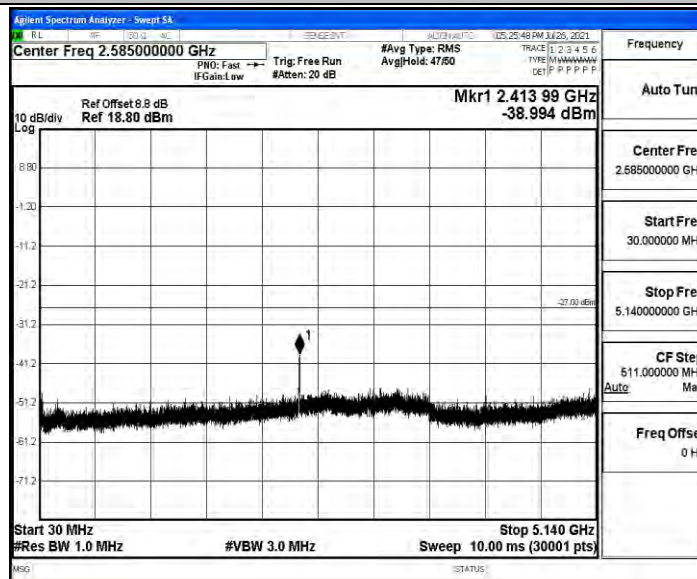


11A_Ant1_5240_5360~10000

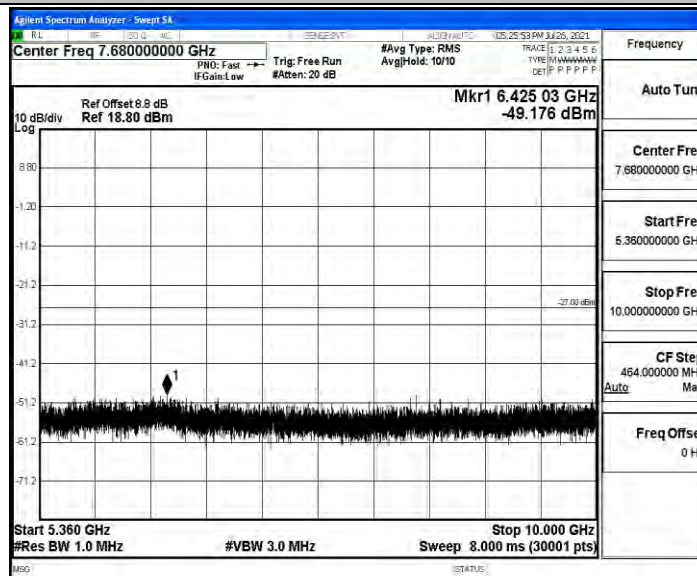




11N20SISO_Ant1_5180_30~5140

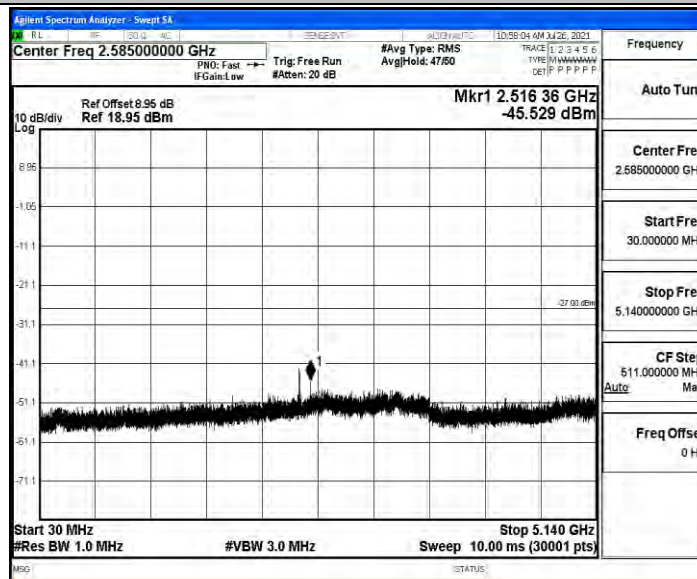


11N20SISO_Ant1_5180_5360~10000

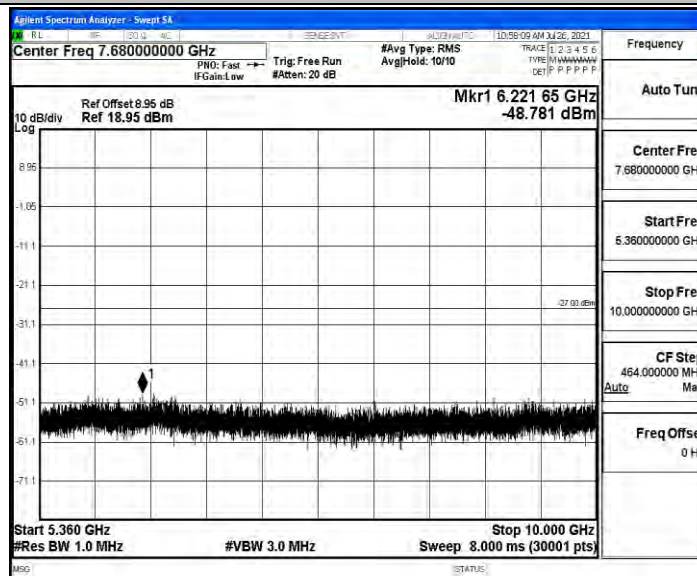




11N20SISO_Ant1_5200_30~5140

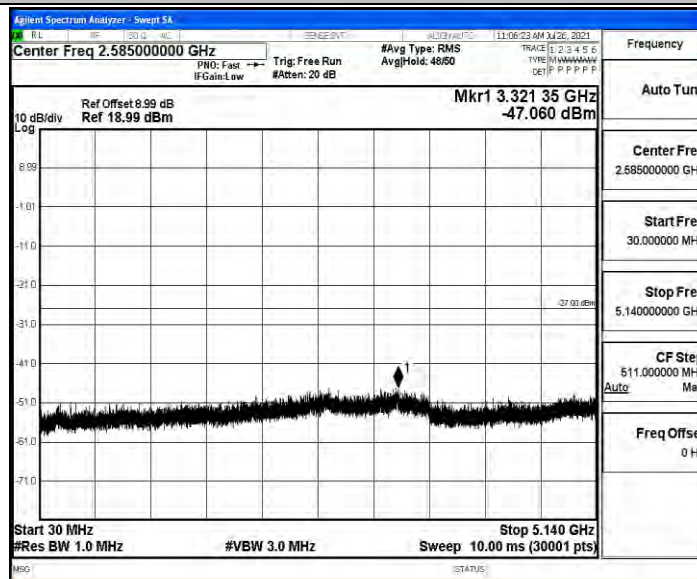


11N20SISO_Ant1_5200_5360~10000

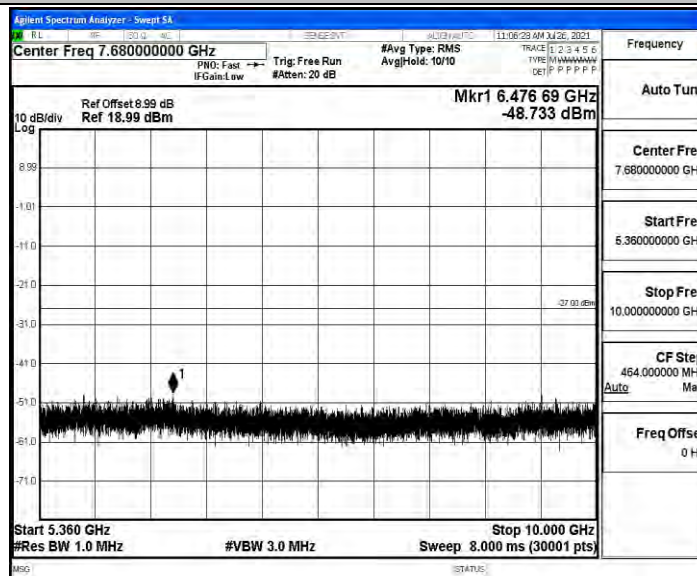




11N20SISO_Ant1_5240_30~5140

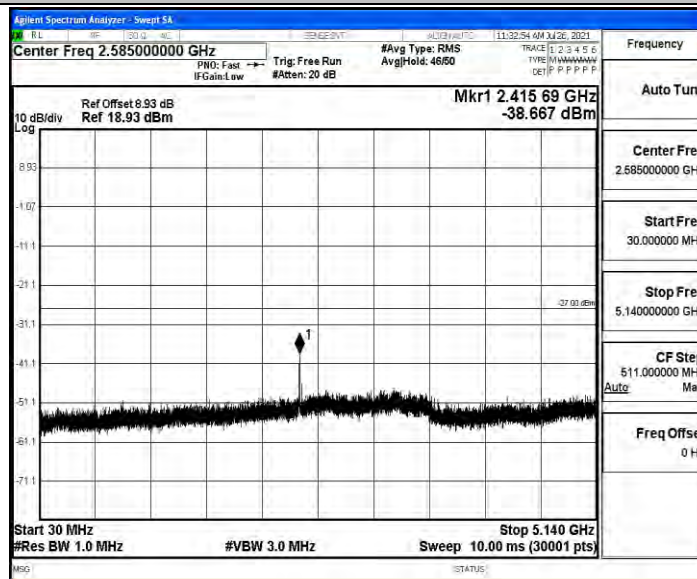


11N20SISO_Ant1_5240_5360~10000

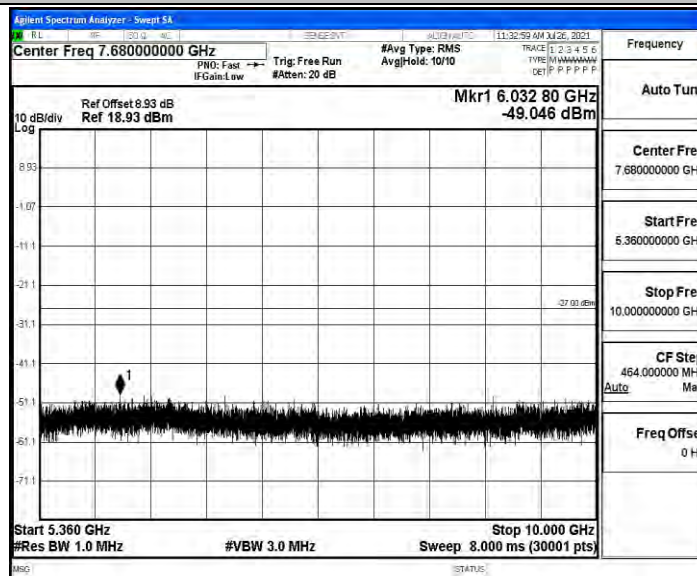




11N40SISO_Ant1_5190_30~5140

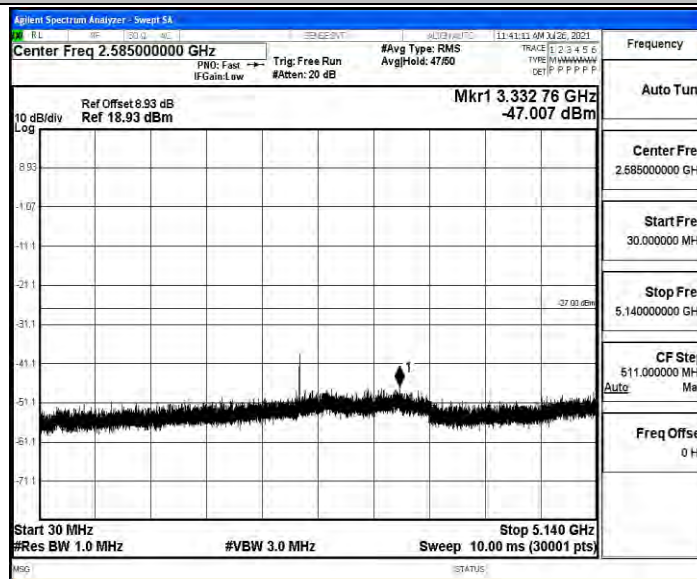


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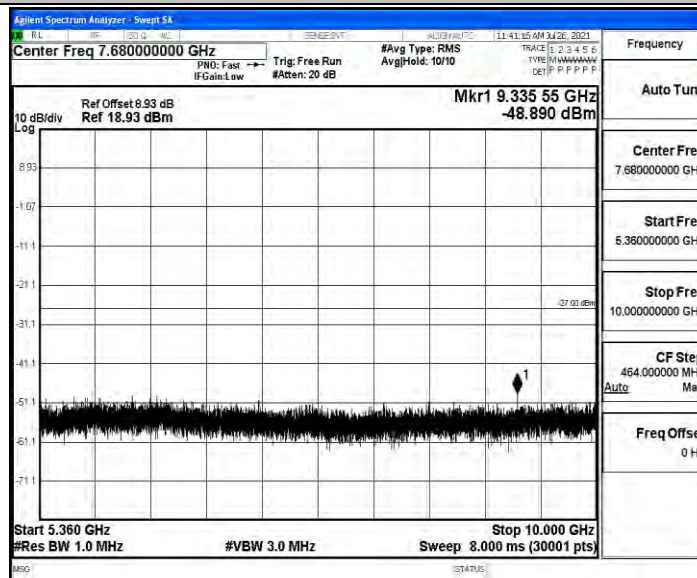




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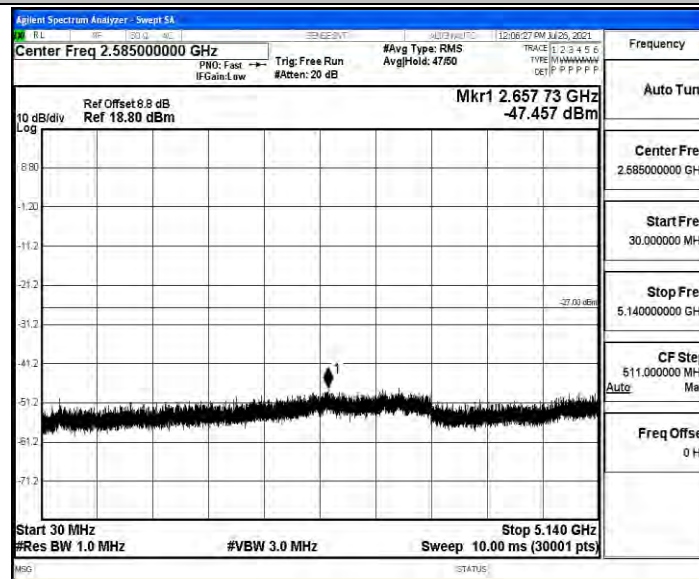


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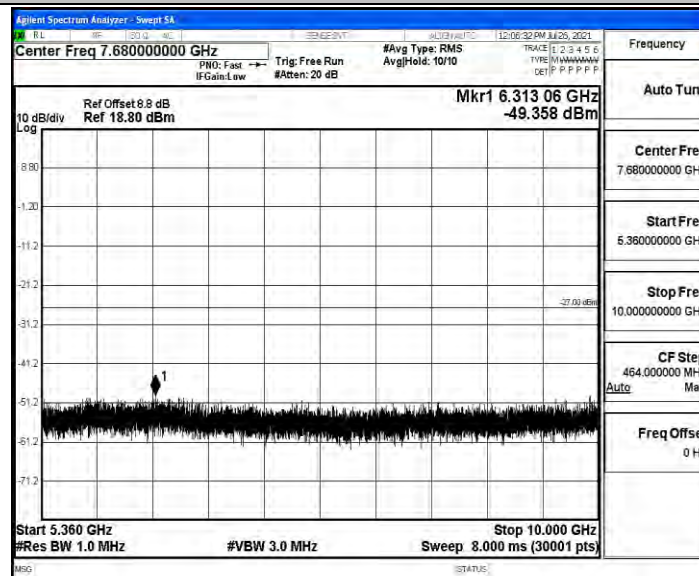




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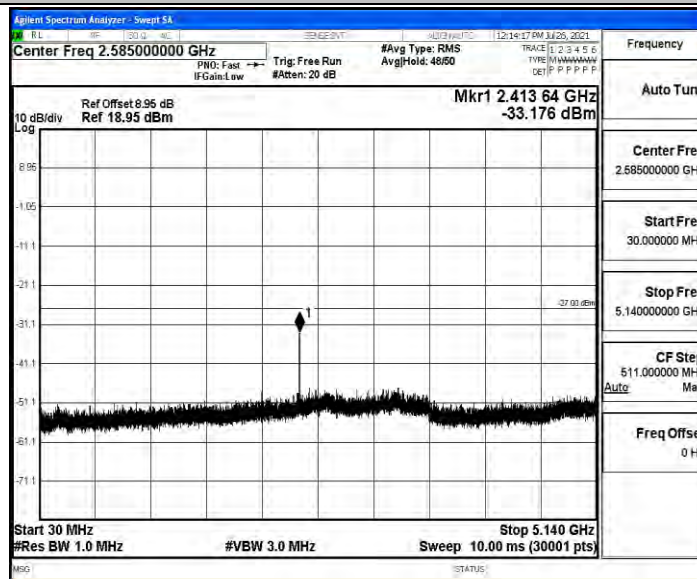


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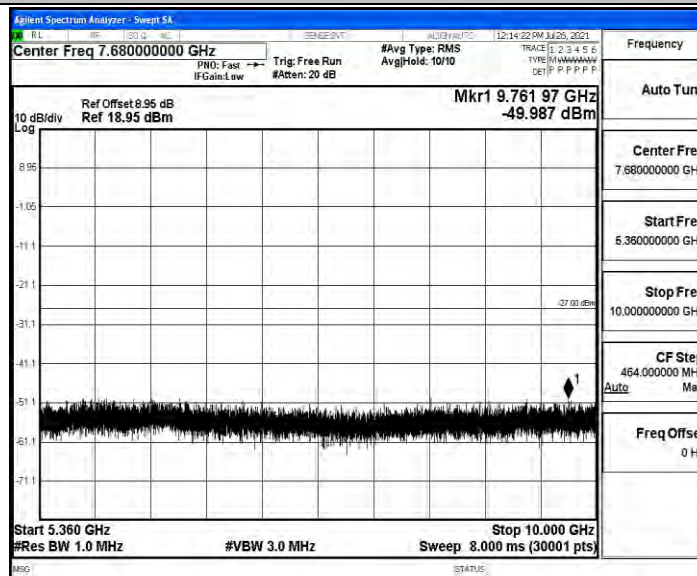




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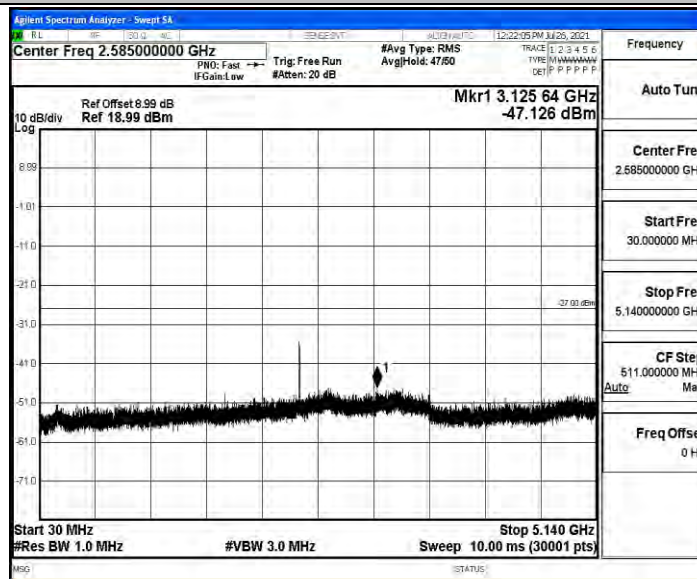


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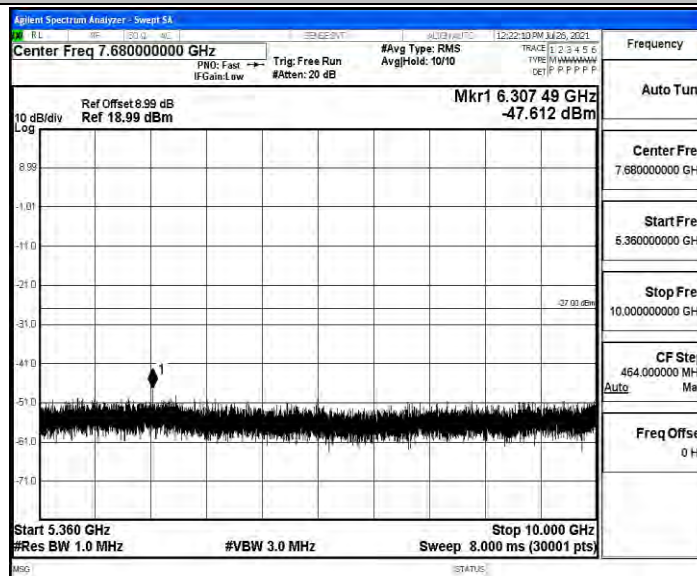




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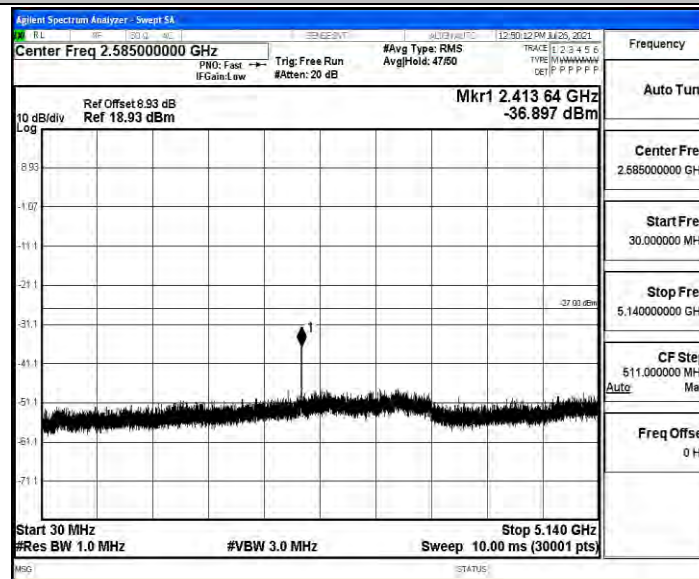


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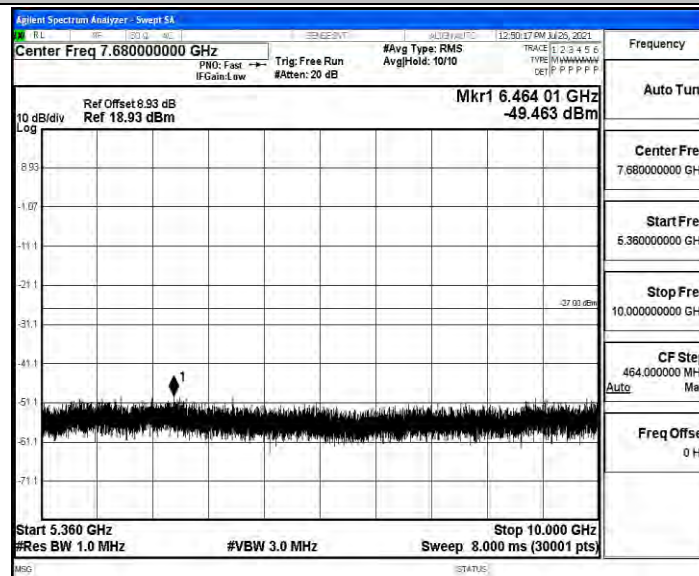




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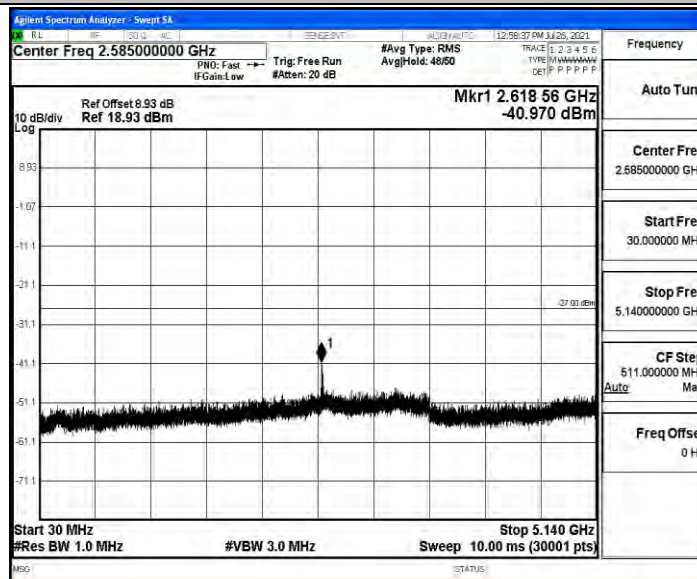


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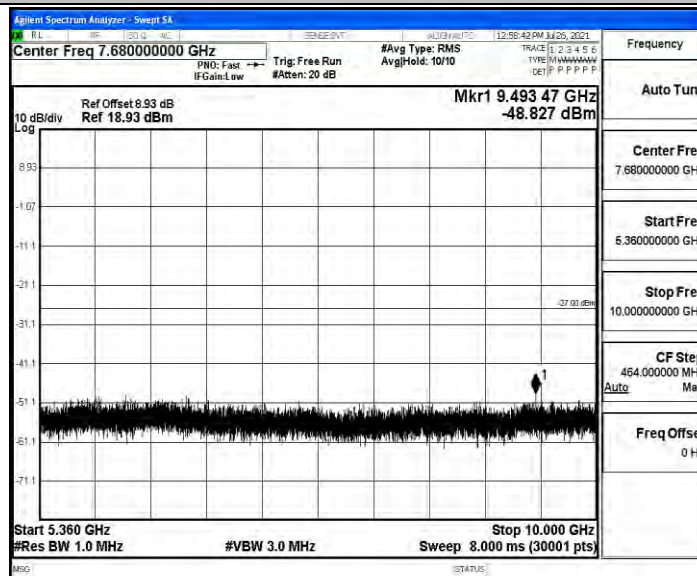




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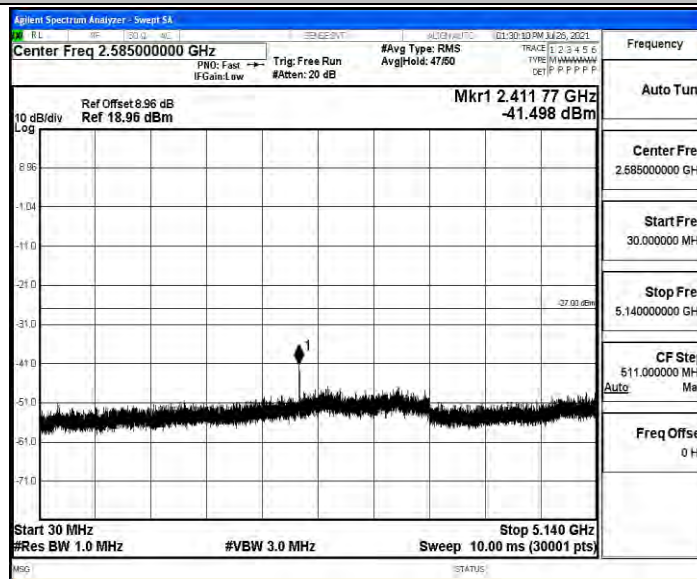


11AC40SISO_Ant1_5230_5360~10000





11AC80SISO_Ant1_5210_30~5140



11AC80SISO_Ant1_5210_5360~10000

