



Appendix B

RF Test Data for 5.2G WIFI (Conducted Measurement)

Product Name: Wireless USB Adapter

Test Model: PAU0D

Environmental Conditions

Temperature:	21.1° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Ken He
Supervised by:	Li Huan



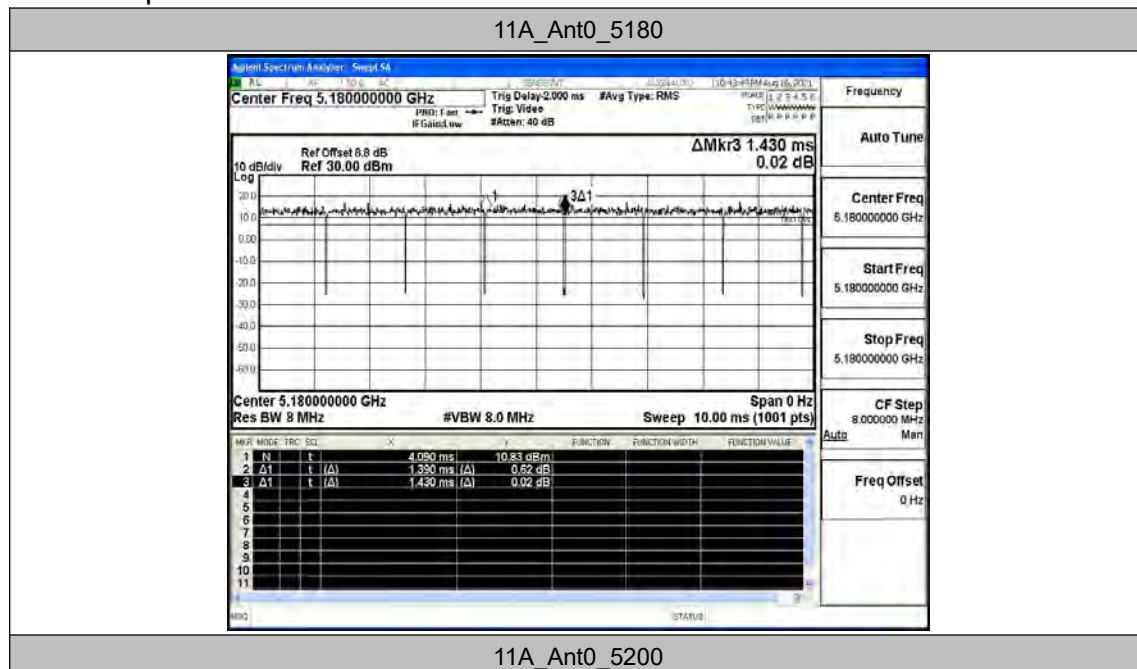
B.1 Duty Cycle

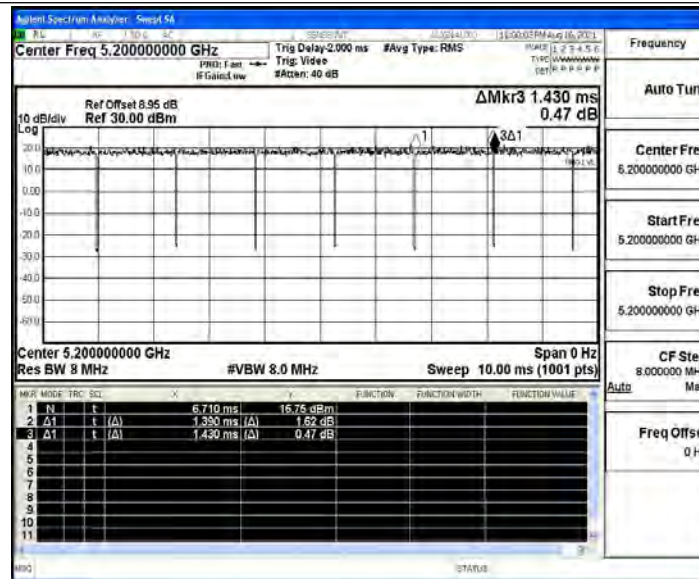
Test Result

ANT0

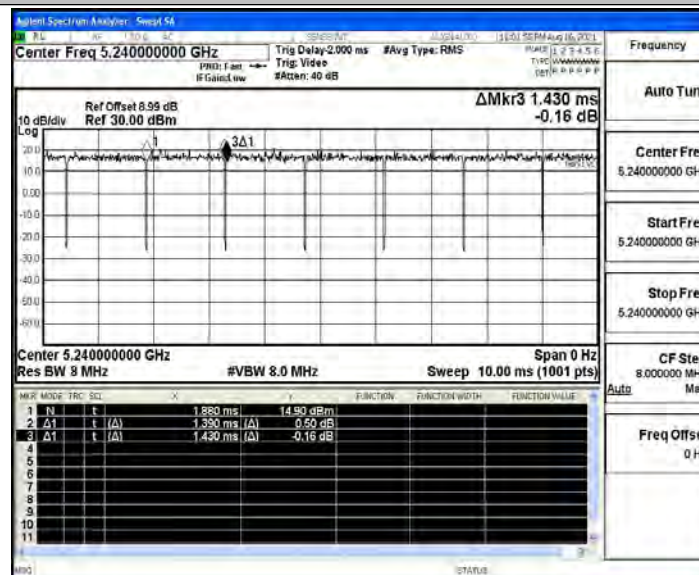
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant0	5180	1.39	1.43	97.20	---	PASS
		5200	1.39	1.43	97.20	---	PASS
		5240	1.39	1.43	97.20	---	PASS
11N20SISO	Ant0	5180	1.30	1.34	97.01	---	PASS
		5200	1.30	1.34	97.01	---	PASS
		5240	1.30	1.34	97.01	---	PASS
11N40SISO	Ant0	5190	0.64	0.68	94.12	---	PASS
		5230	0.64	0.68	94.12	---	PASS
11AC20SISO	Ant0	5180	1.30	1.34	97.01	---	PASS
		5200	1.30	1.34	97.01	---	PASS
		5240	1.30	1.34	97.01	---	PASS
11AC40SISO	Ant0	5190	0.64	0.68	94.12	---	PASS
		5230	0.64	0.68	94.12	---	PASS
11AC80SISO	Ant0	5210	0.32	0.37	86.49	---	PASS

Test Graphs

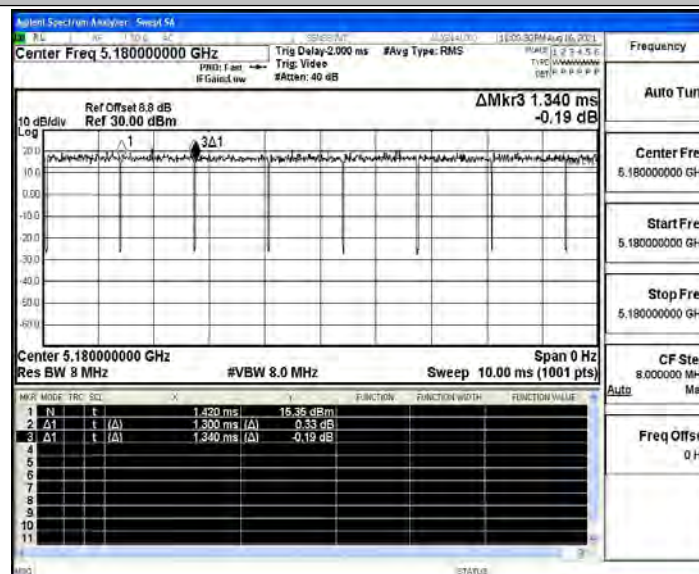




11A_Ant0_5240

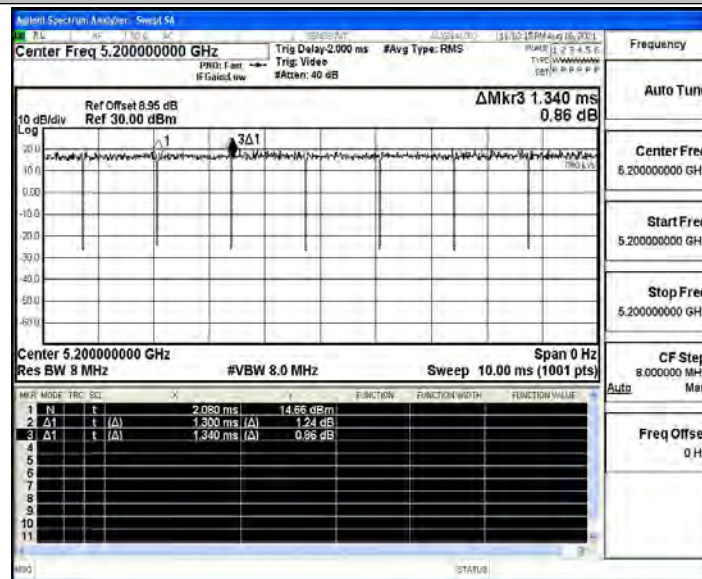


11N20SISO_Ant0_5180

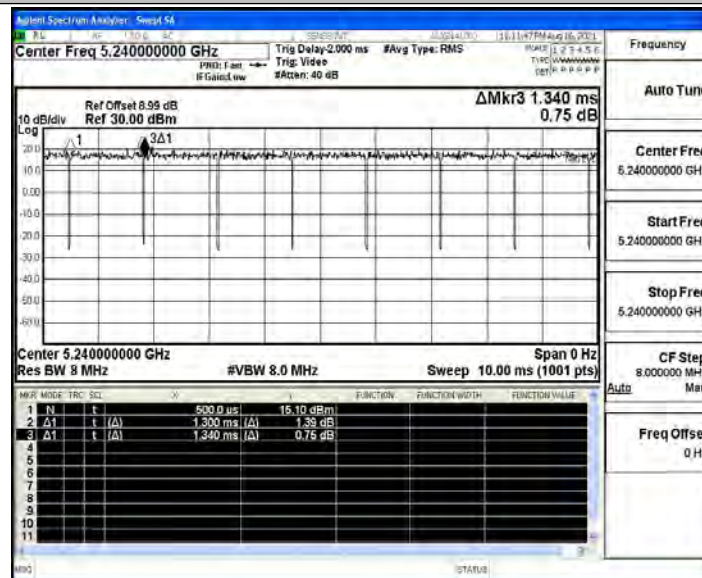




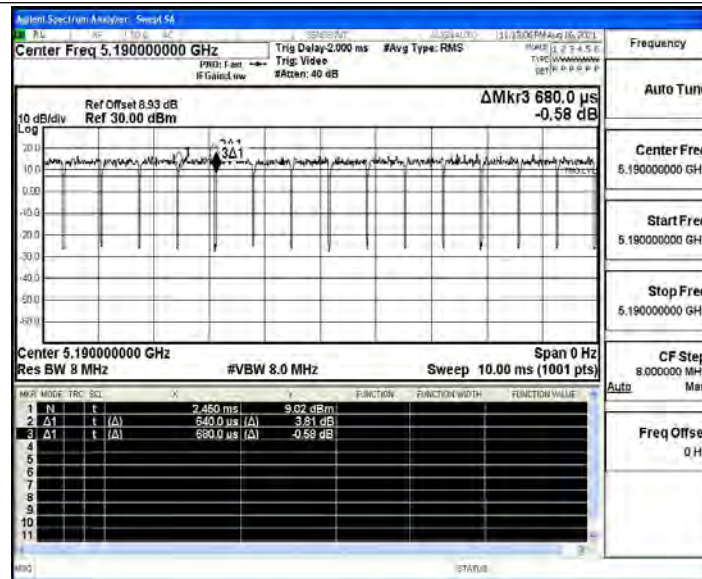
11N20SISO_Ant0_5200



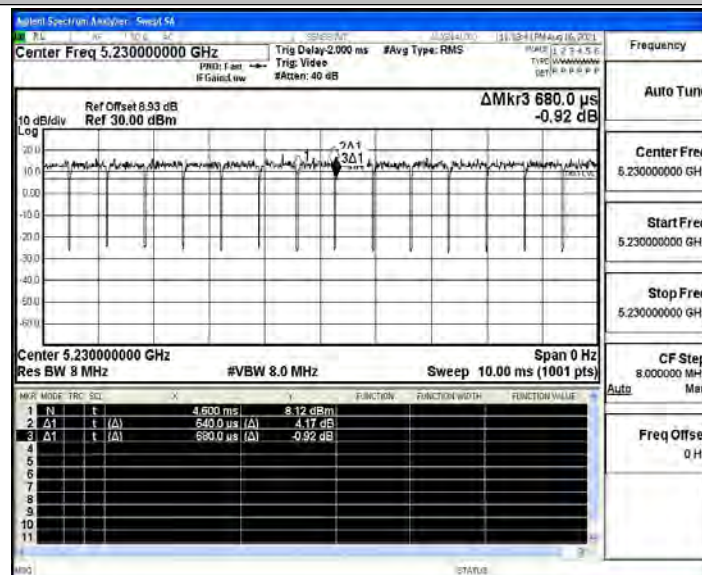
11N20SISO_Ant0_5240



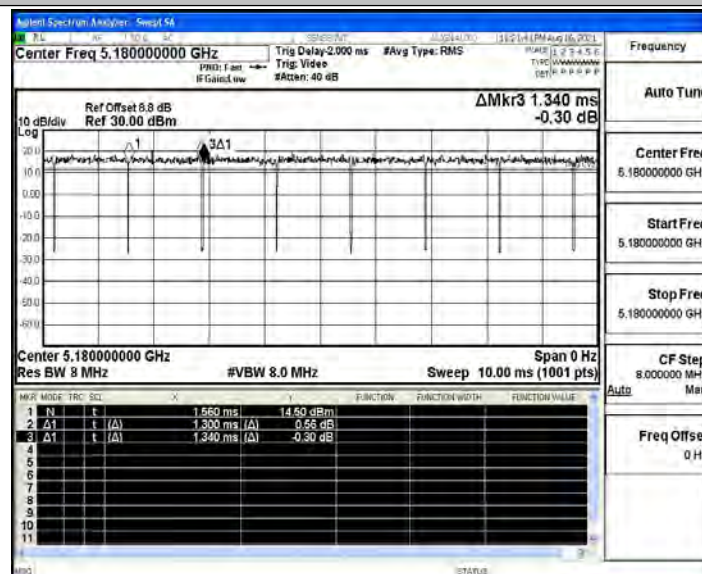
11N40SISO_Ant0_5190



11N40SISO_Ant0_5230

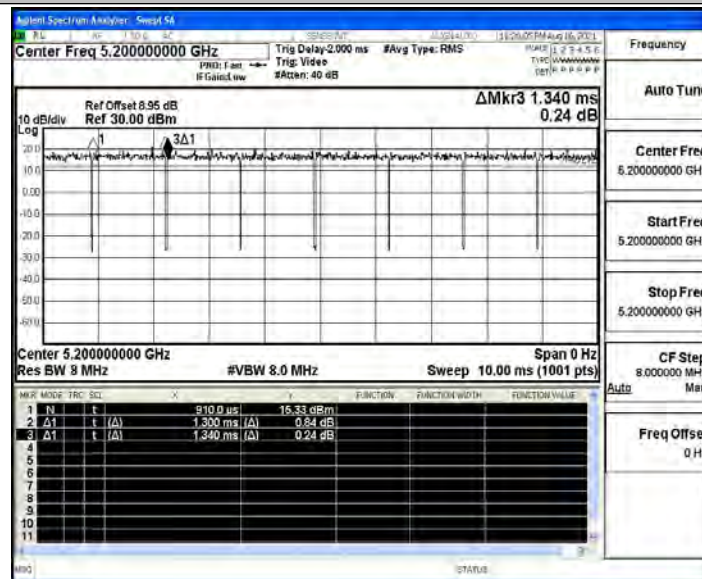


11AC20SISO_Ant0_5180

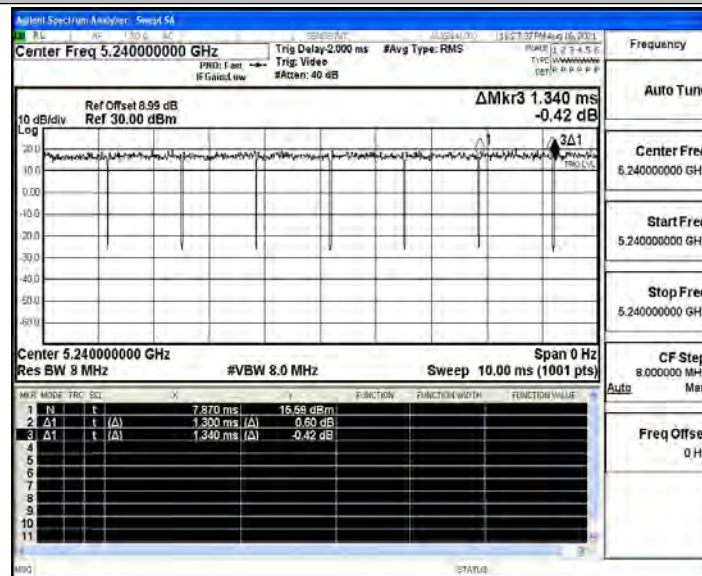




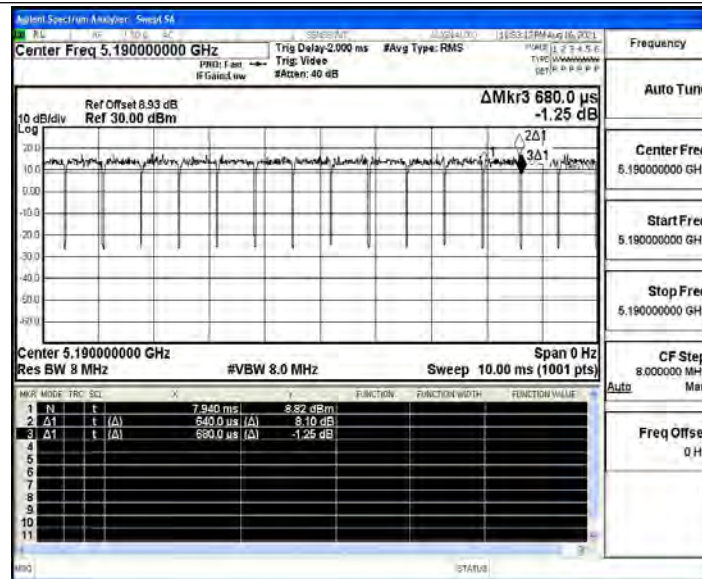
11AC20SISO_Ant0_5200



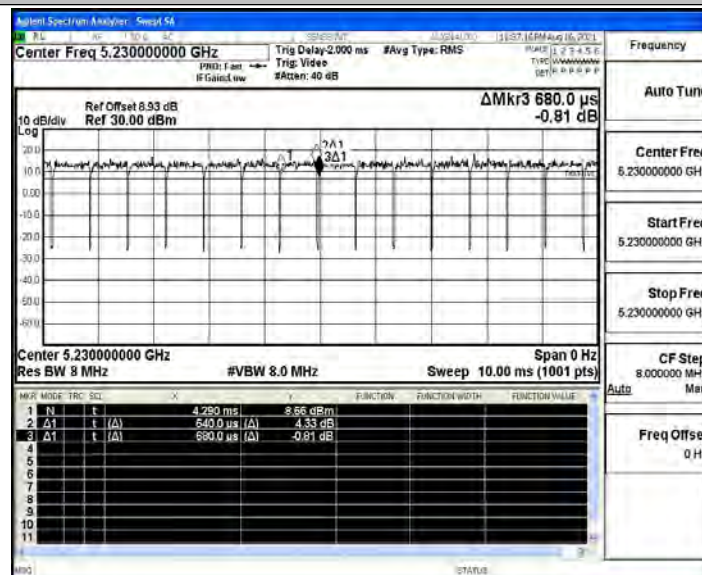
11AC20SISO_Ant0_5240



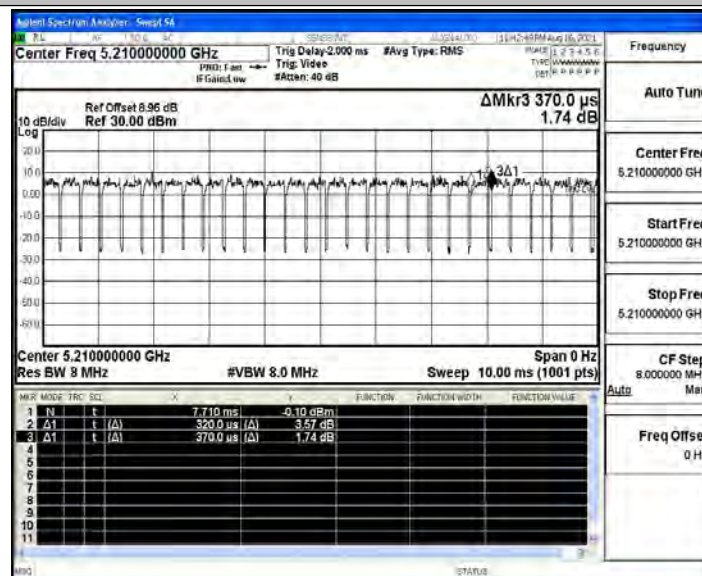
11AC40SISO_Ant0_5190



11AC40SISO_Ant0_5230



11AC80SISO_Ant0_5210

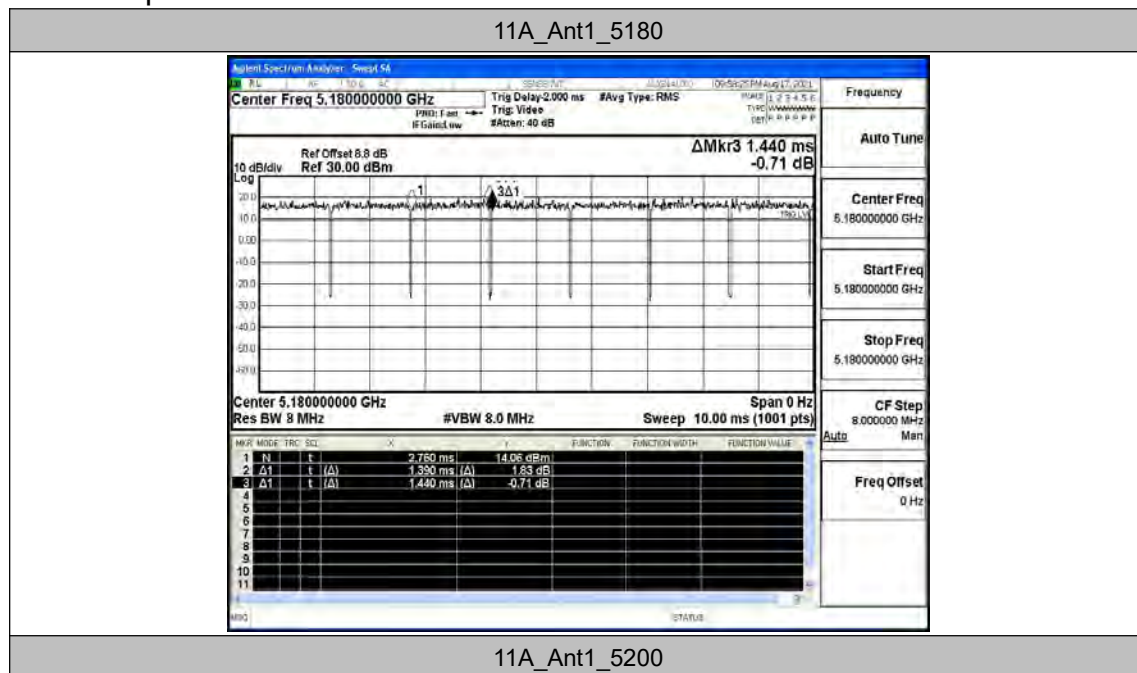


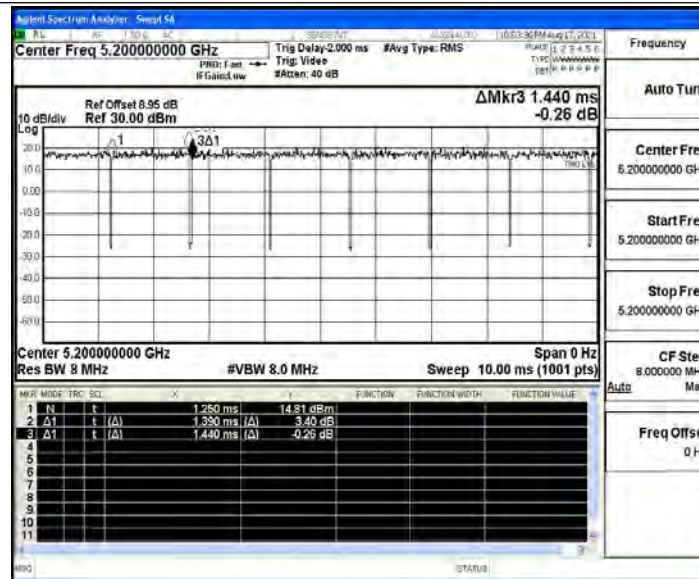


ANT1

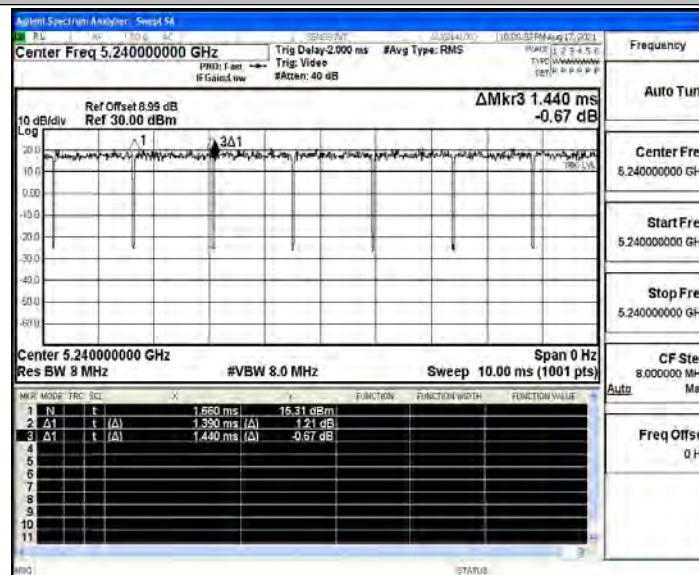
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5180	1.39	1.44	96.53	---	PASS
		5200	1.39	1.44	96.53	---	PASS
		5240	1.39	1.44	96.53	---	PASS
11N20SISO	Ant1	5180	1.30	1.35	96.30	---	PASS
		5200	1.30	1.35	96.30	---	PASS
		5240	1.30	1.35	96.30	---	PASS
11N40SISO	Ant1	5190	0.64	0.69	92.75	---	PASS
		5230	0.64	0.69	92.75	---	PASS
11AC20SISO	Ant1	5180	1.31	1.36	96.32	---	PASS
		5200	1.31	1.36	96.32	---	PASS
		5240	1.31	1.36	96.32	---	PASS
11AC40SISO	Ant1	5190	0.65	0.70	92.86	---	PASS
		5230	0.65	0.70	92.86	---	PASS
11AC80SISO	Ant1	5210	0.32	0.37	86.49	---	PASS

Test Graphs

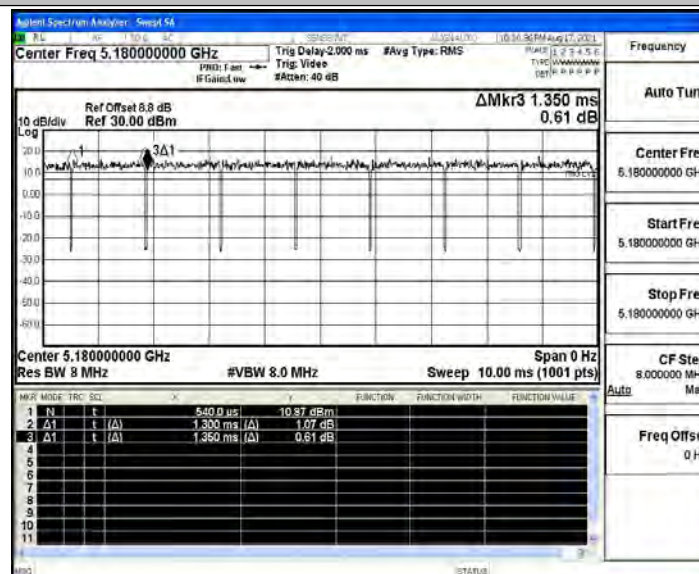




11A_Ant1_5240

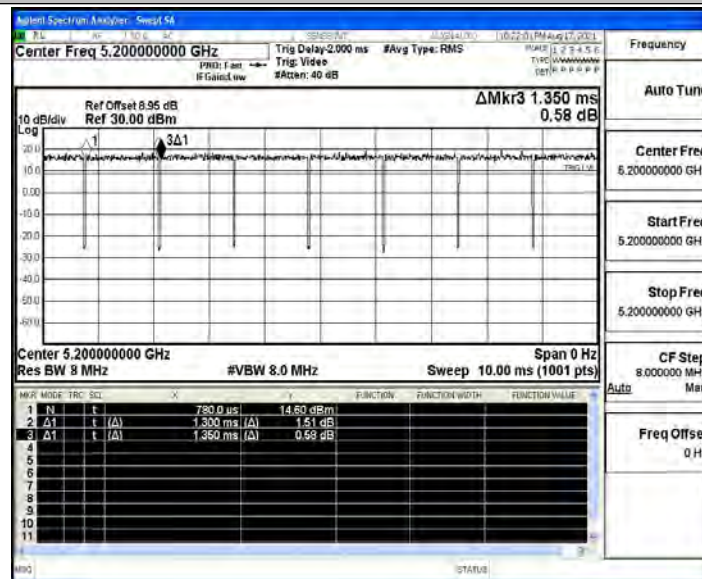


11N20SISO_Ant1_5180

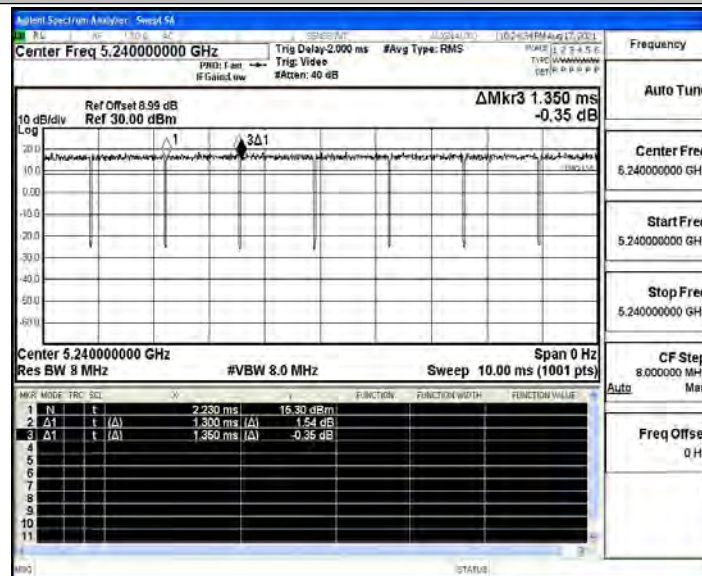




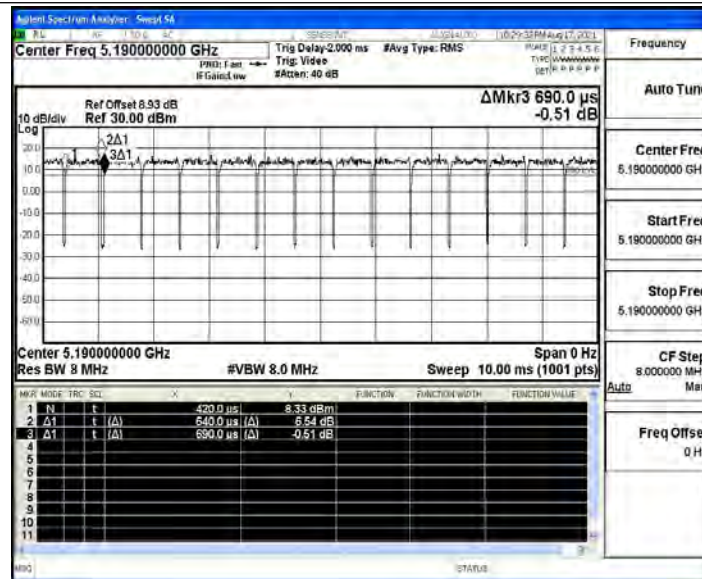
11N20SISO_Ant1_5200



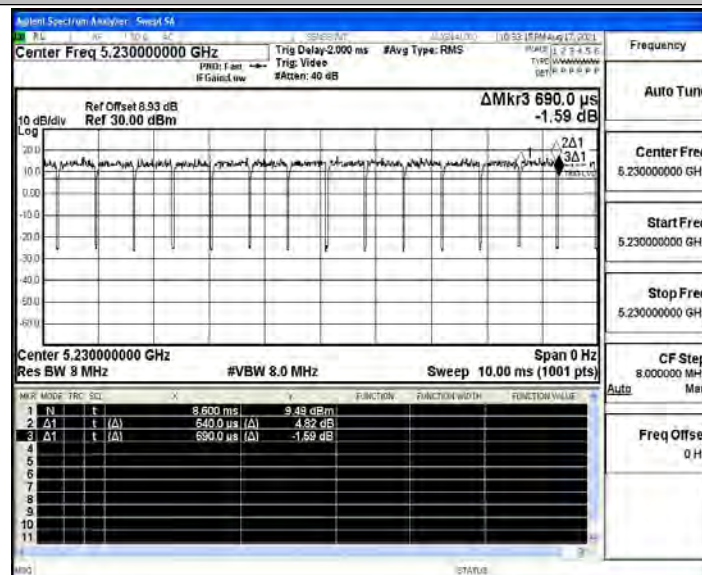
11N20SISO_Ant1_5240



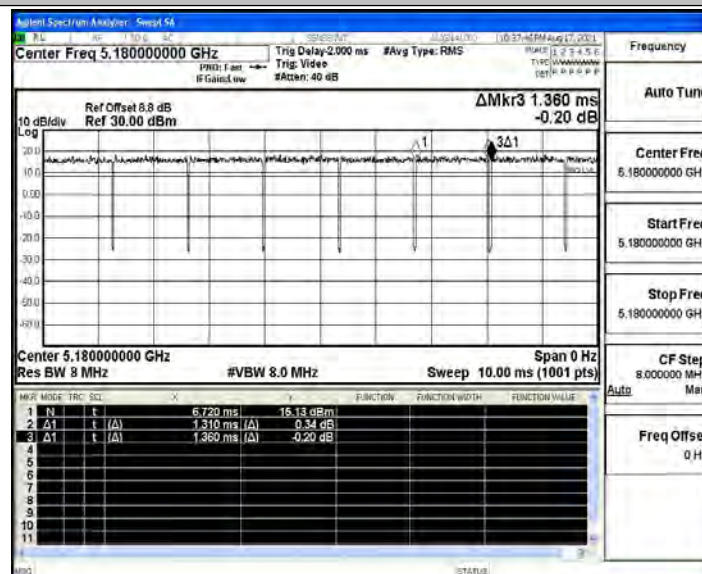
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230

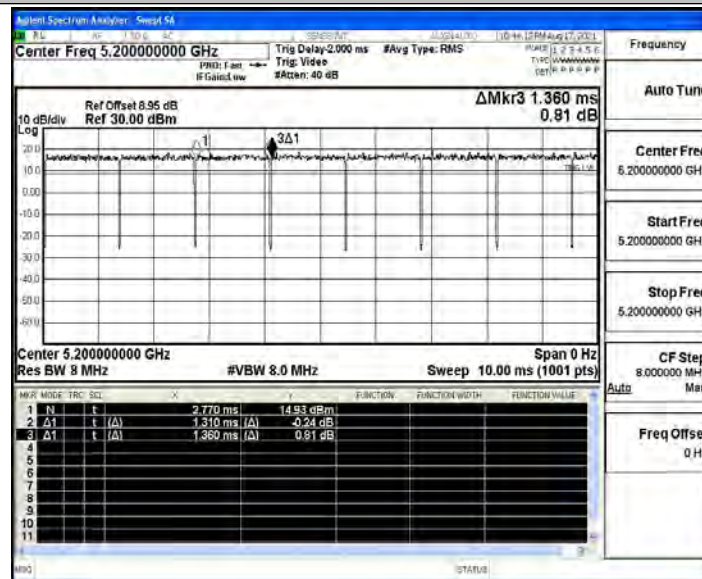


11AC20SISO_Ant1_5180

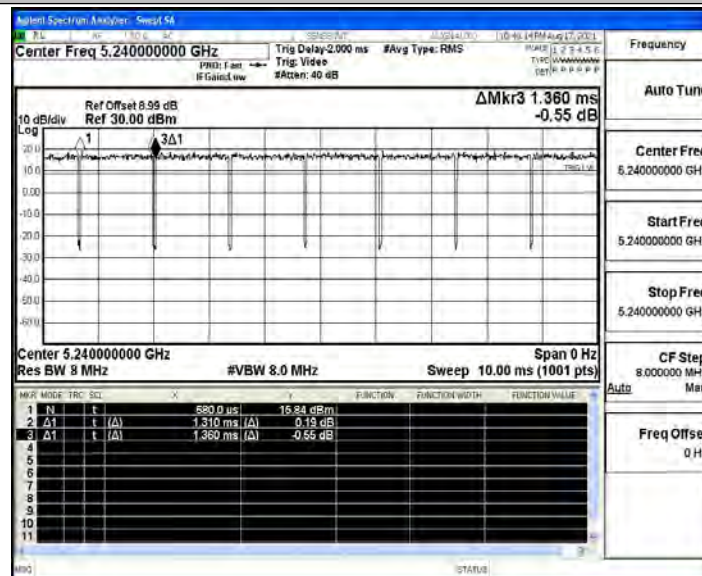




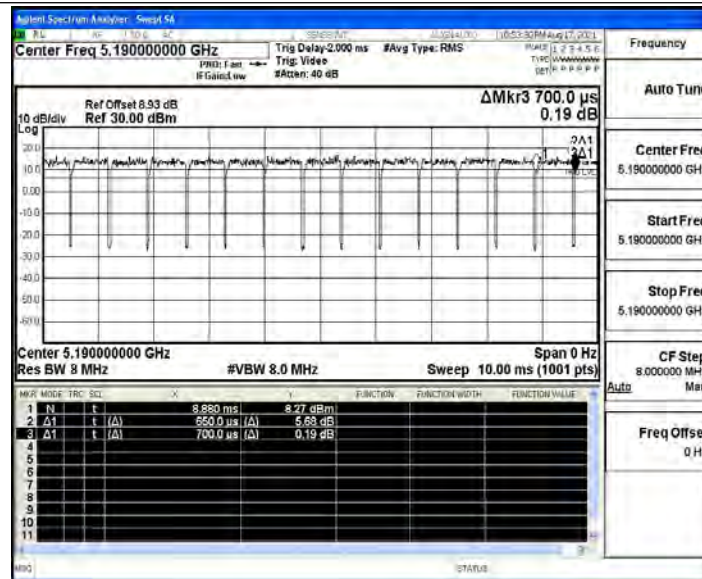
11AC20SISO_Ant1_5200



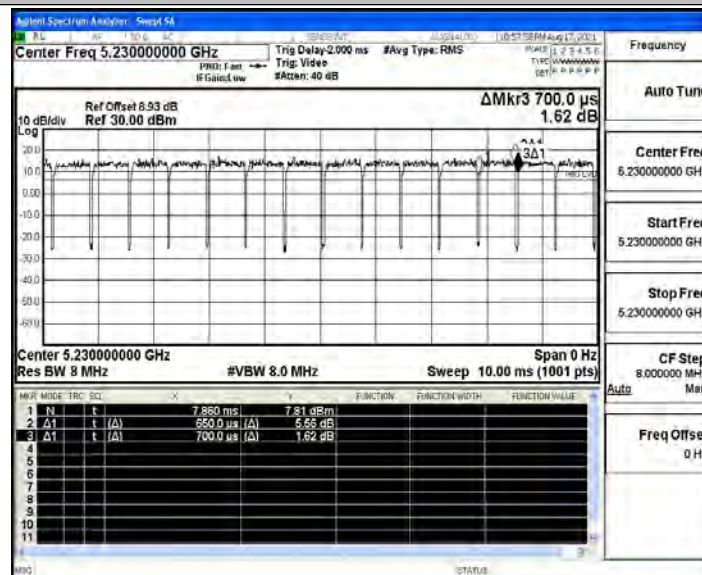
11AC20SISO_Ant1_5240



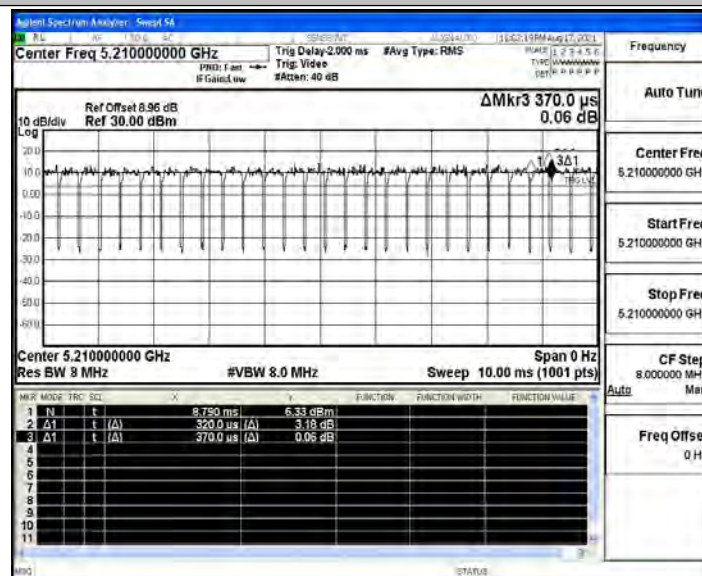
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210





B.2 Maximum conducted output power

Test Result

ANT0

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant0	5180	13.93	24	PASS
		5200	12.76	24	PASS
		5240	12.25	24	PASS
11N20SISO	Ant0	5180	12.47	24	PASS
		5200	12.89	24	PASS
		5240	12.88	24	PASS
11N40SISO	Ant0	5190	13.14	24	PASS
		5230	12.74	24	PASS
11AC20SISO	Ant0	5180	11.57	24	PASS
		5200	12.32	24	PASS
		5240	12.93	24	PASS
11AC40SISO	Ant0	5190	13.06	24	PASS
		5230	12.78	24	PASS
11AC80SISO	Ant0	5210	11.41	24	PASS

ANT1

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	13.54	24	PASS
		5200	12.47	24	PASS
		5240	13.02	24	PASS
11N20SISO	Ant1	5180	12.35	24	PASS
		5200	12.40	24	PASS
		5240	12.61	24	PASS
11N40SISO	Ant1	5190	12.52	24	PASS
		5230	12.65	24	PASS
11AC20SISO	Ant1	5180	12.11	24	PASS
		5200	12.48	24	PASS
		5240	12.68	24	PASS
11AC40SISO	Ant1	5190	12.58	24	PASS
		5230	12.72	24	PASS
11AC80SISO	Ant1	5210	12.79	24	PASS



MIMO

Test Mode	Channel	Frequency (MHz)	ANT 0 AVG Conducted Power (dBm)	ANT 1 AVG Conducted Power (dBm)	MIMO AVG Conducted Power (dBm)	Limit (dBm)	Verdict
11N20	36	5180	12.47	12.35	15.42	24	Pass
	40	5200	12.89	12.40	15.66		Pass
	48	5240	12.88	12.61	15.76		Pass
11N40	38	5190	13.14	12.52	15.85	24	Pass
	46	5230	12.74	12.65	15.71		Pass
11AC20	36	5180	11.57	12.11	14.86	24	Pass
	40	5200	12.32	12.48	15.41		Pass
	48	5240	12.93	12.68	15.82		Pass
11AC40	38	5190	13.06	12.58	15.84	24	Pass
	46	5230	12.78	12.72	15.76		Pass
11AC80	42	5210	11.41	12.79	15.16	24	Pass



B.3 Maximum power spectral density

Test Result

ANT0

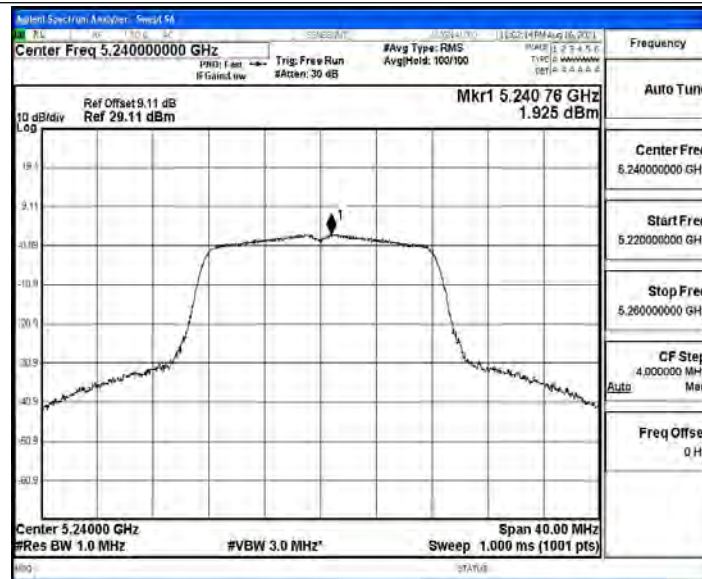
TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant0	5180	3.58	≤11	PASS
		5200	2.5	≤11	PASS
		5240	1.93	≤11	PASS
11N20SISO	Ant0	5180	2.1	≤11	PASS
		5200	2.61	≤11	PASS
		5240	2.59	≤11	PASS
11N40SISO	Ant0	5190	-0.6	≤11	PASS
		5230	-1.14	≤11	PASS
11AC20SISO	Ant0	5180	1.1	≤11	PASS
		5200	1.86	≤11	PASS
		5240	2.49	≤11	PASS
11AC40SISO	Ant0	5190	-1	≤11	PASS
		5230	-1.13	≤11	PASS
11AC80SISO	Ant0	5210	-4.82	≤11	PASS

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

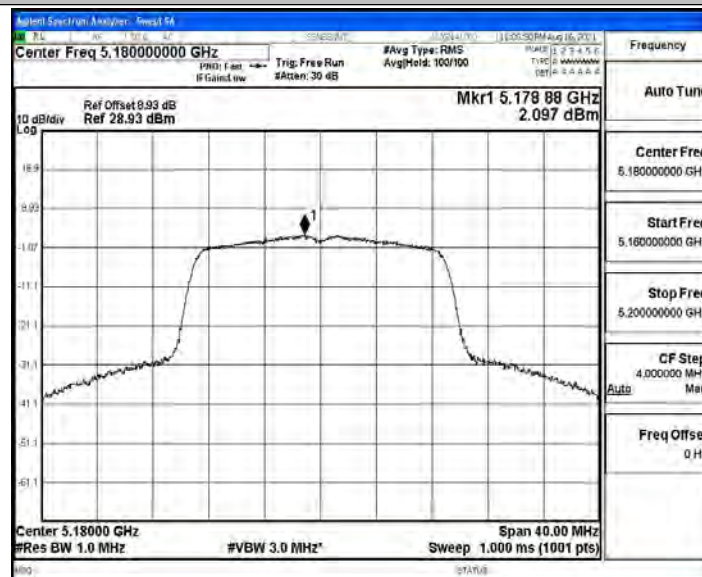
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.



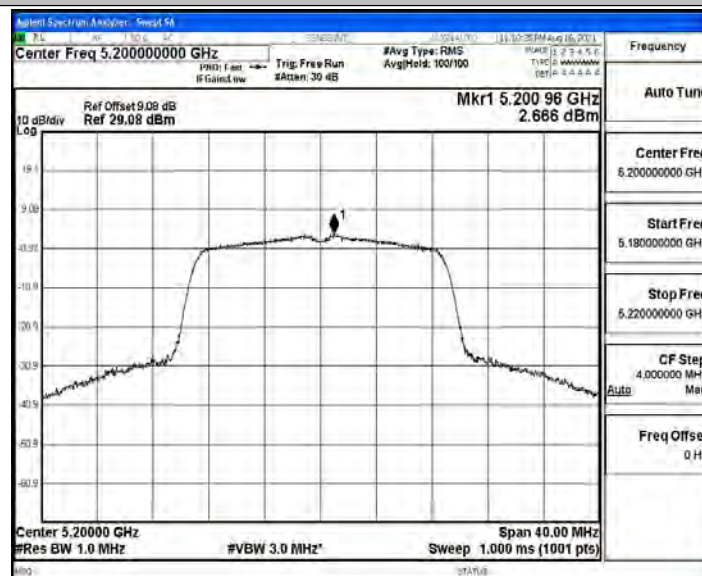
11A_Ant0_5240



11N20SISO_Ant0_5180

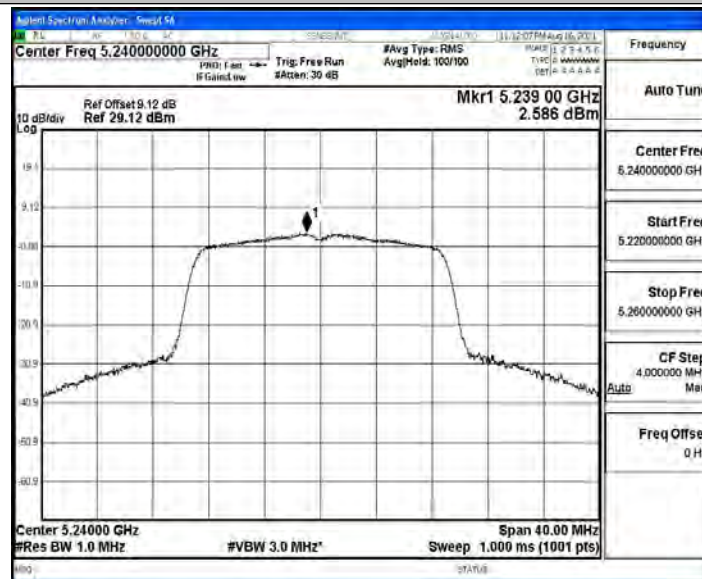


11N20SISO_Ant0_5200

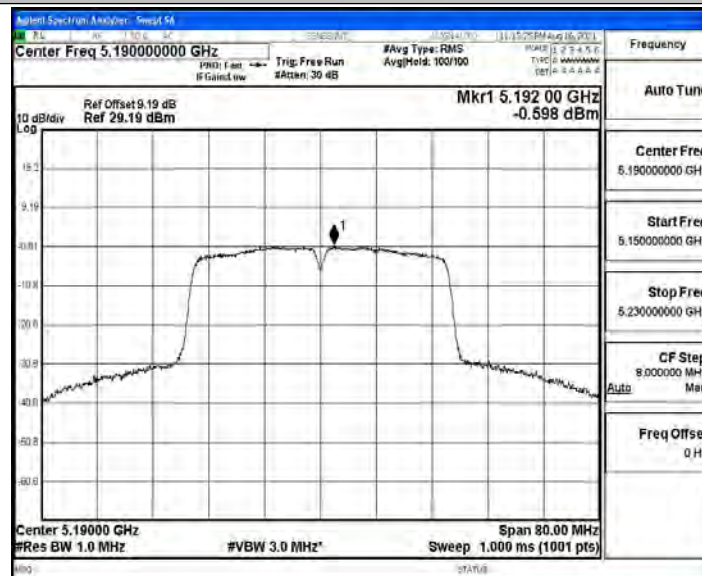




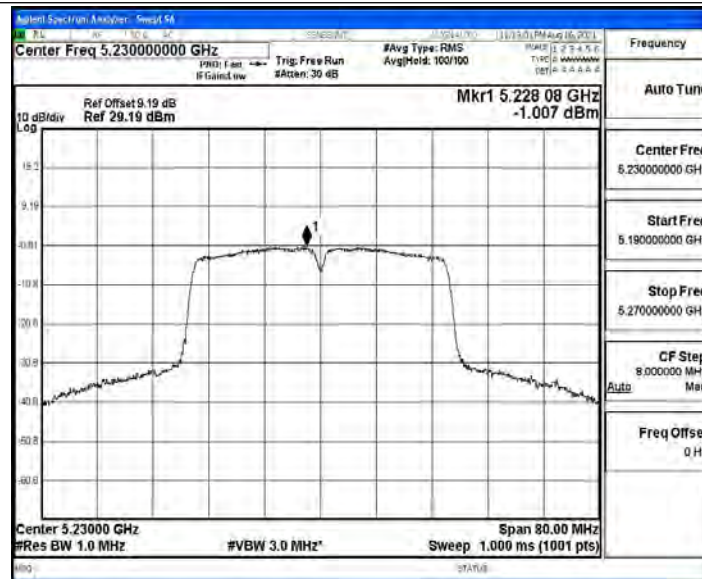
11N20SISO_Ant0_5240



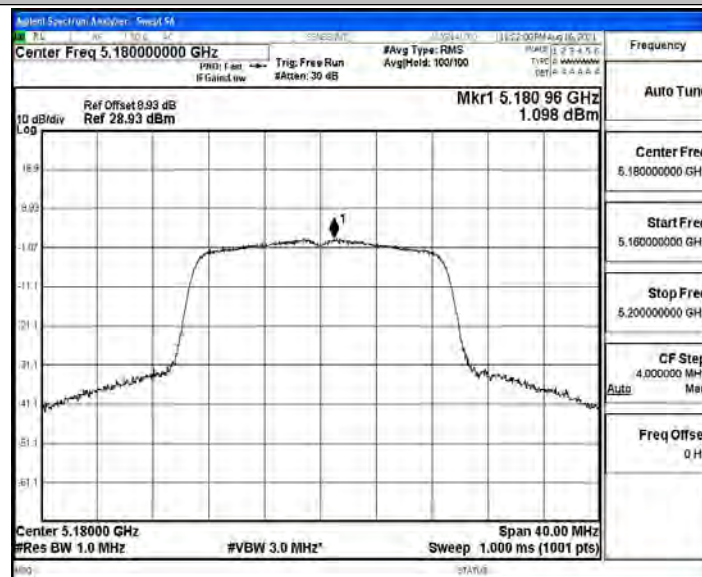
11N40SISO_Ant0_5190



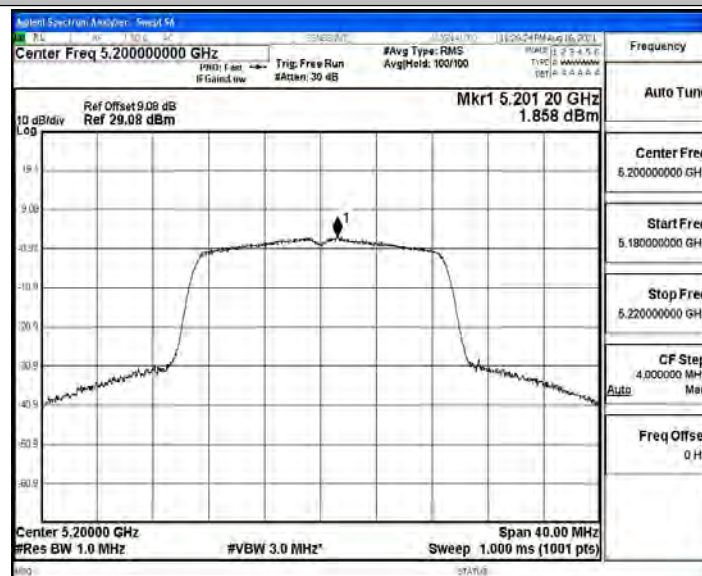
11N40SISO_Ant0_5230



11AC20SISO_Ant0_5180

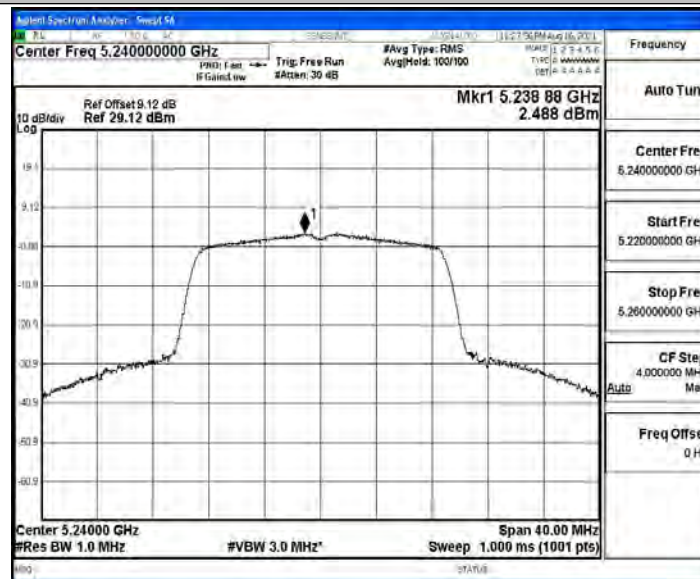


11AC20SISO_Ant0_5200

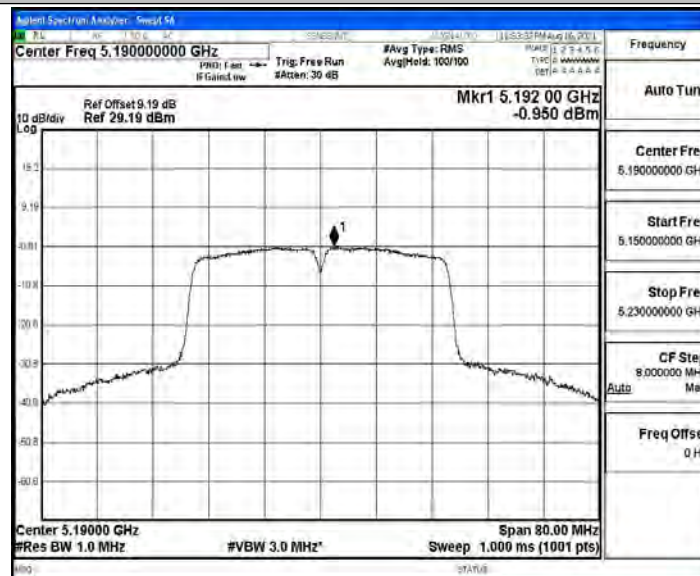




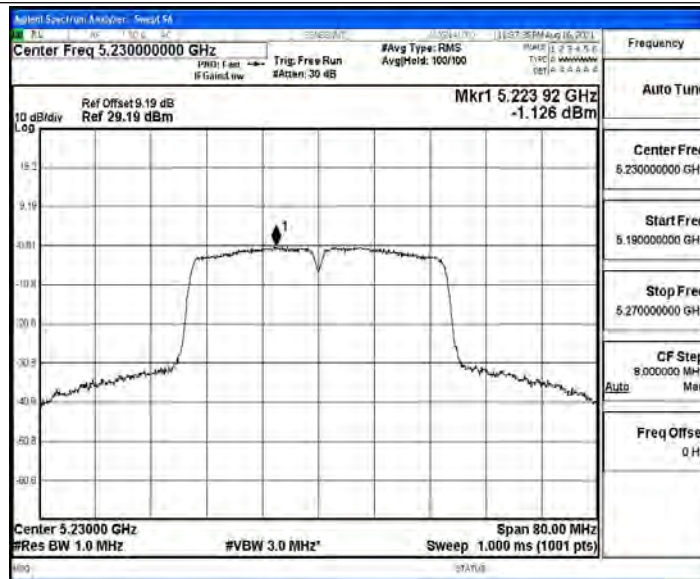
11AC20SISO_Ant0_5240



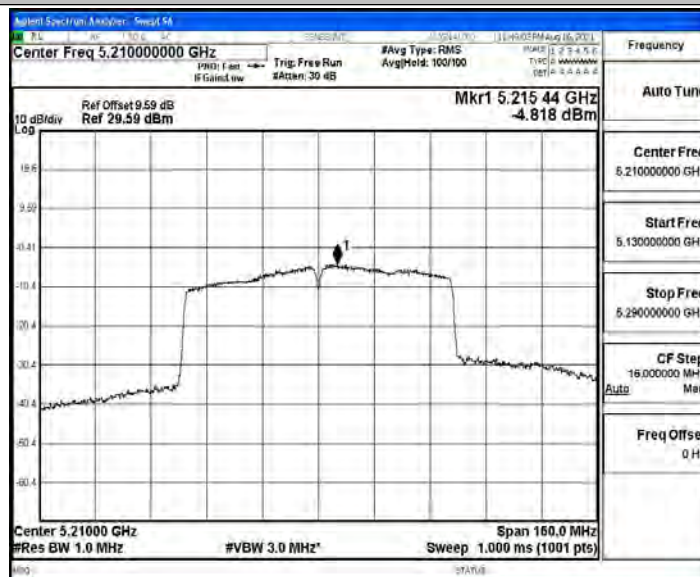
11AC40SISO_Ant0_5190



11AC40SISO_Ant0_5230



11AC80SISO_Ant0_5210





ANT1

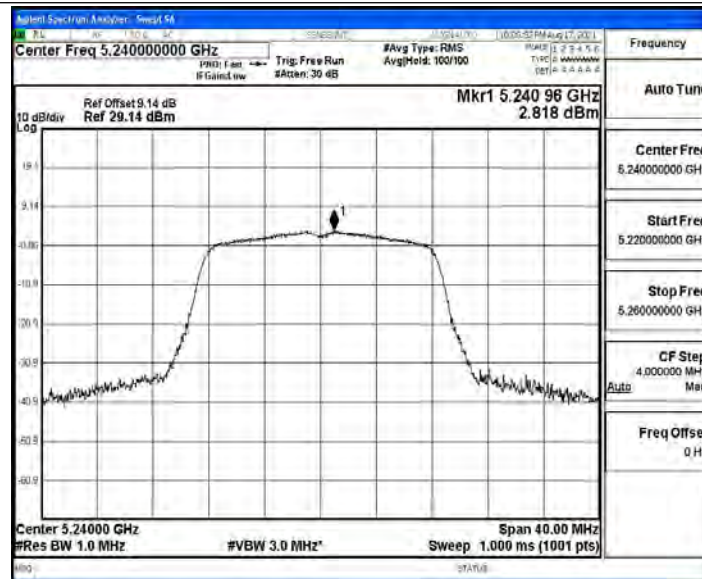
TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	3.54	≤11	PASS
		5200	2.48	≤11	PASS
		5240	2.82	≤11	PASS
11N20SISO	Ant1	5180	2.17	≤11	PASS
		5200	2.01	≤11	PASS
		5240	2.25	≤11	PASS
11N40SISO	Ant1	5190	-0.68	≤11	PASS
		5230	-0.63	≤11	PASS
11AC20SISO	Ant1	5180	1.71	≤11	PASS
		5200	2.03	≤11	PASS
		5240	2.32	≤11	PASS
11AC40SISO	Ant1	5190	-0.9	≤11	PASS
		5230	-0.58	≤11	PASS
11AC80SISO	Ant1	5210	-3.61	≤11	PASS

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

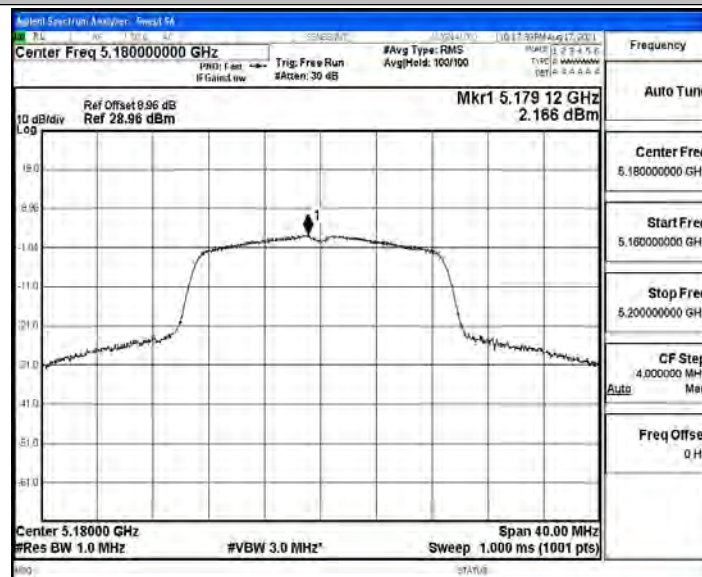
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.



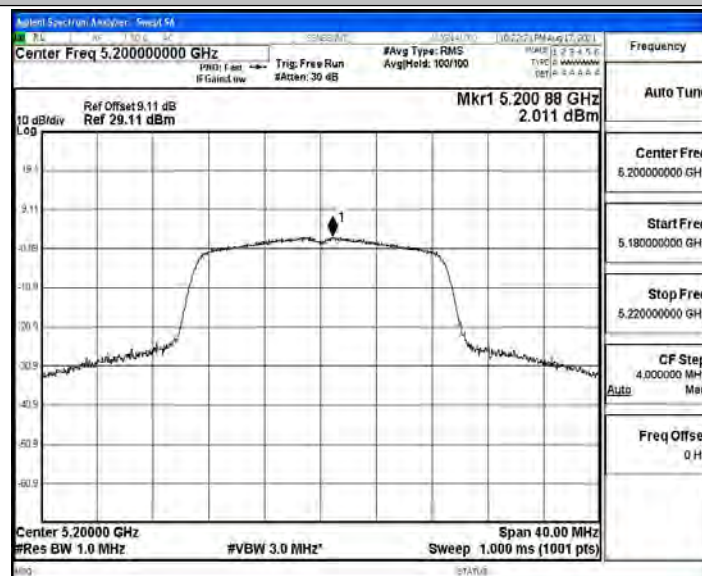
11A_Ant1_5240



11N20SISO_Ant1_5180

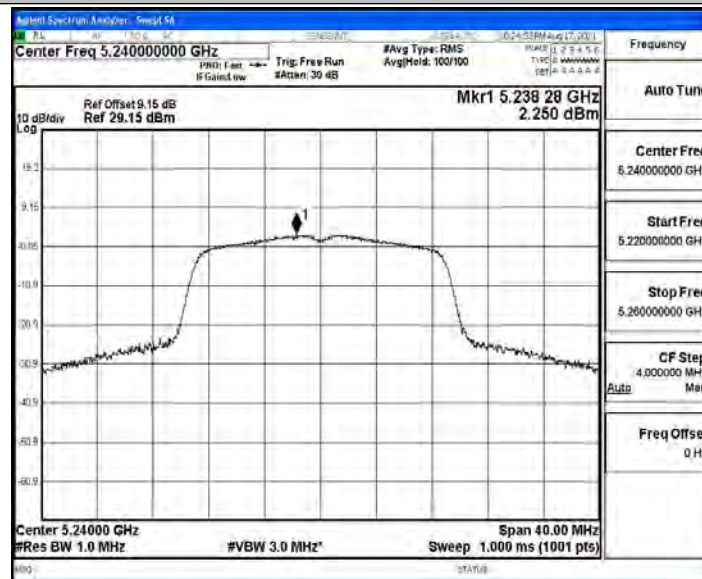


11N20SISO_Ant1_5200

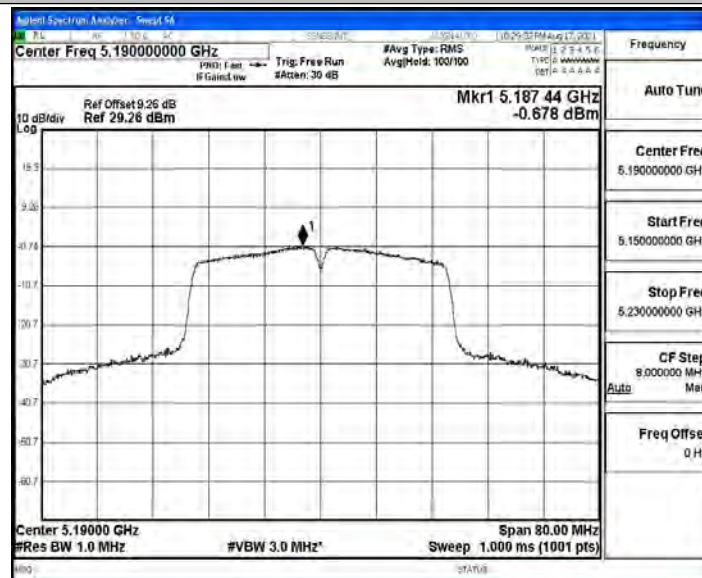




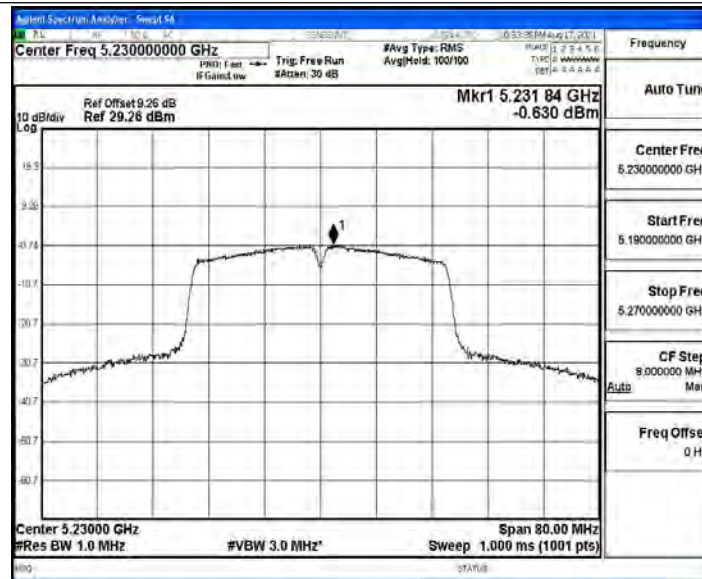
11N20SISO_Ant1_5240



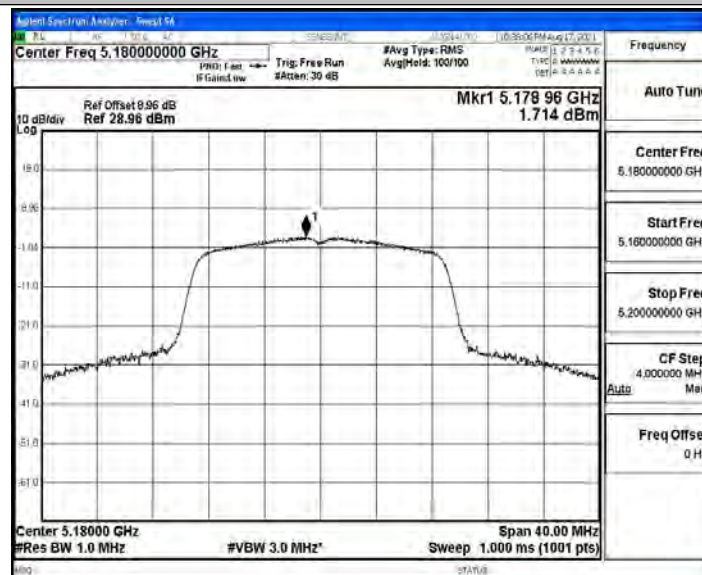
11N40SISO_Ant1_5190



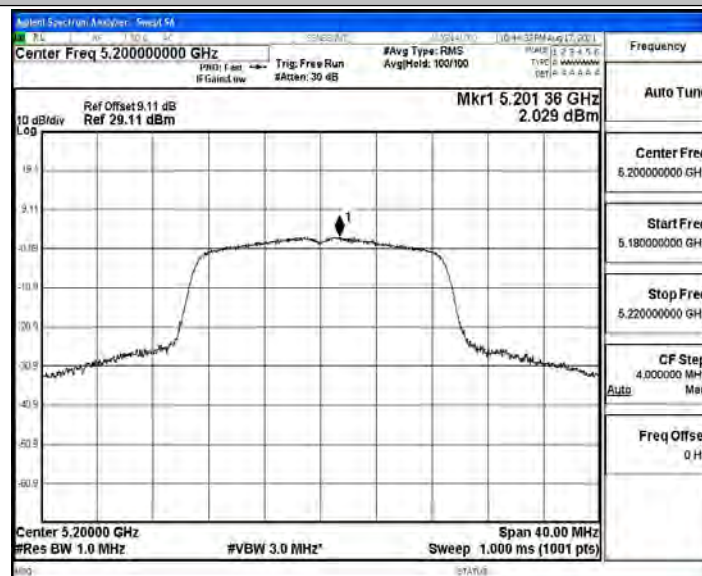
11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180

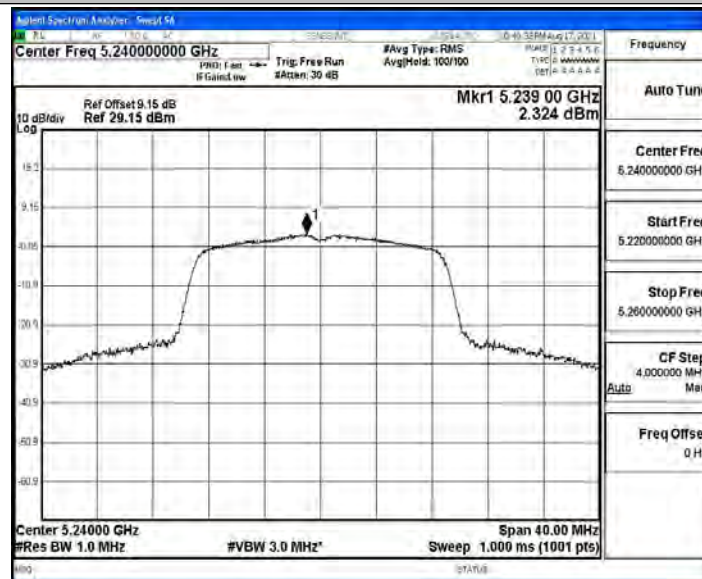


11AC20SISO_Ant1_5200

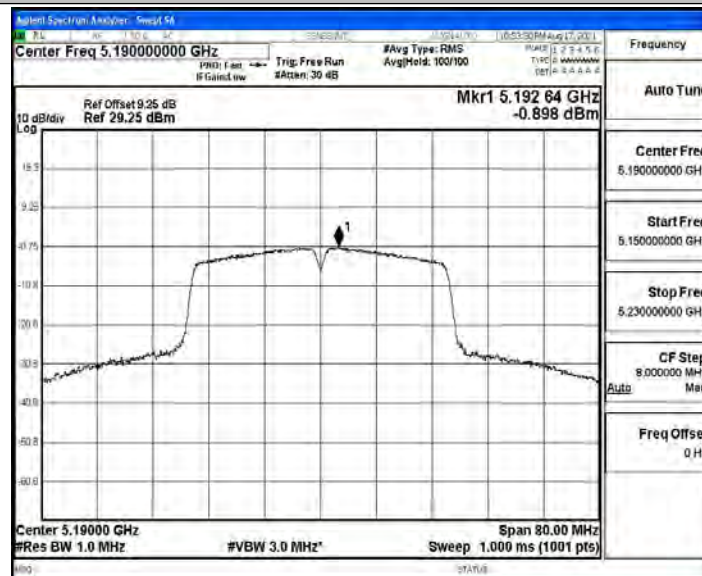




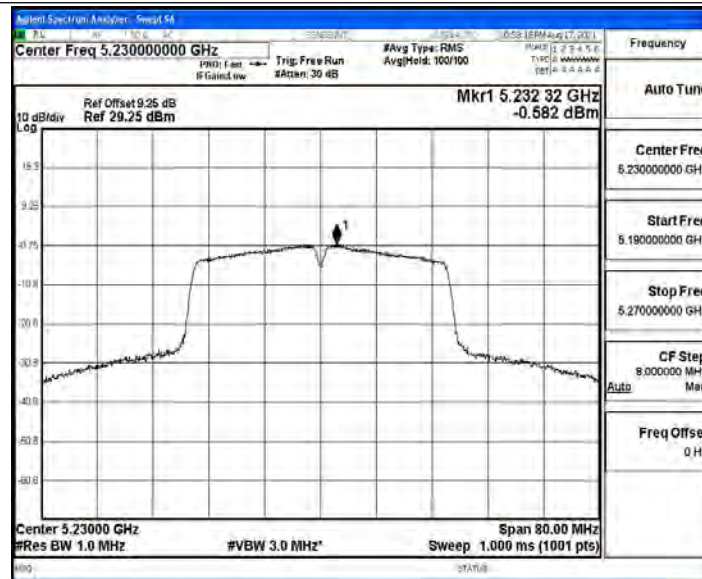
11AC20SISO_Ant1_5240



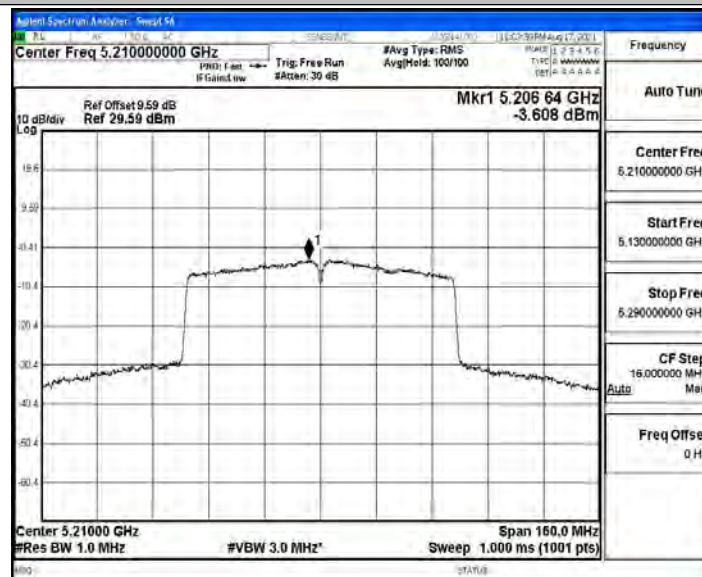
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210





MIMO

Test Mode	Channel	Frequency (MHz)	ANT 0 Power Density (dBm/MHz)	ANT 1 Power Density (dBm/MHz)	MIMO Power Density (dBm/MHz)	Limit (dBm/MHz)	Verdict
11N20	36	5180	2.1	2.17	5.15	11	Pass
	40	5200	2.61	2.01	5.33		Pass
	48	5240	2.59	2.25	5.43		Pass
11N40	38	5190	-0.6	-0.68	2.37	11	Pass
	46	5230	-1.14	-0.63	2.13		Pass
11AC20	36	5180	1.1	1.71	4.43	11	Pass
	40	5200	1.86	2.03	4.96		Pass
	48	5240	2.49	2.32	5.42		Pass
11AC40	38	5190	-1	-0.9	2.06	11	Pass
	46	5230	-1.13	-0.58	2.16		Pass
11AC80	42	5210	-4.82	-3.61	-1.16	11	Pass



B.4 Emission Bandwidth

Test Result

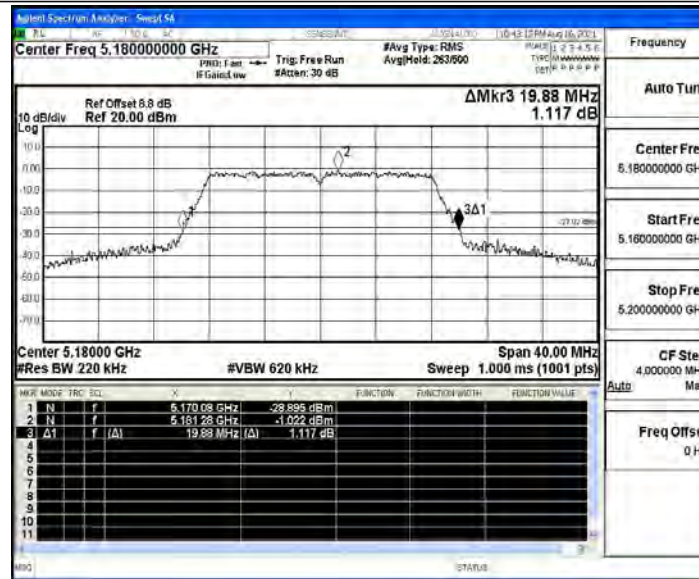
ANT0

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5180	19.880	5170.080	5189.960	---	PASS
		5200	23.000	5188.040	5211.040	---	PASS
		5240	19.640	5230.240	5249.880	---	PASS
11N20SISO	Ant0	5180	21.600	5170.120	5191.720	---	PASS
		5200	19.760	5190.120	5209.880	---	PASS
		5240	20.320	5229.760	5250.080	---	PASS
11N40SISO	Ant0	5190	46.720	5167.520	5214.240	---	PASS
		5230	43.440	5207.680	5251.120	---	PASS
11AC20SISO	Ant0	5180	20.000	5170.080	5190.080	---	PASS
		5200	19.880	5190.000	5209.880	---	PASS
		5240	20.080	5229.920	5250.000	---	PASS
11AC40SISO	Ant0	5190	48.560	5167.680	5216.240	---	PASS
		5230	41.680	5209.280	5250.960	---	PASS
11AC80SISO	Ant0	5210	92.800	5169.840	5262.640	---	PASS

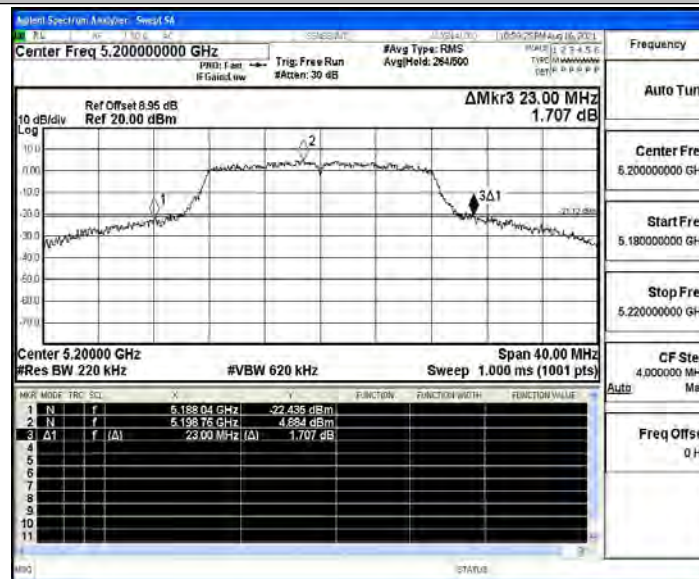


Test Graphs

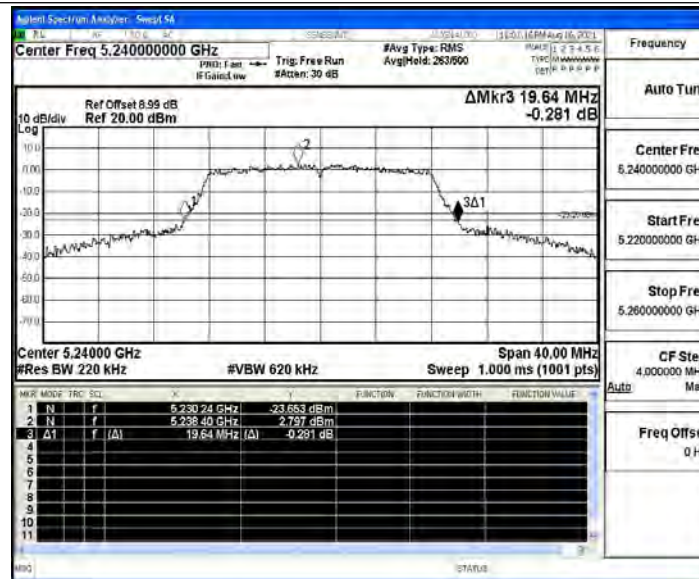
11A_Ant0_5180



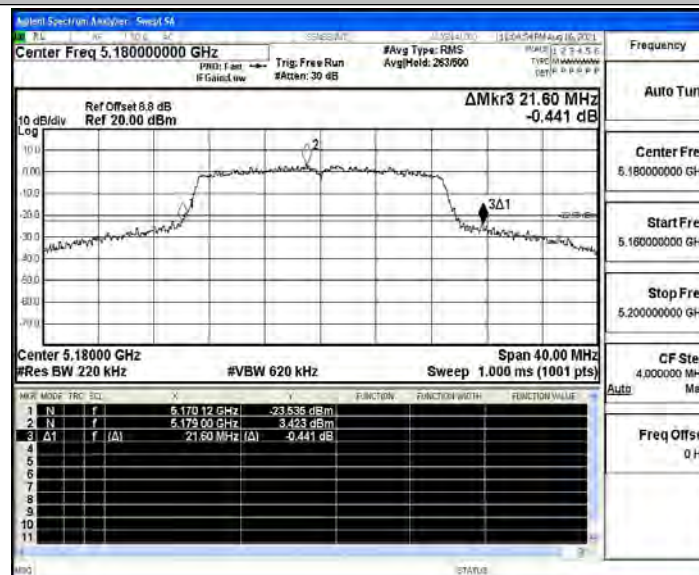
11A_Ant0_5200



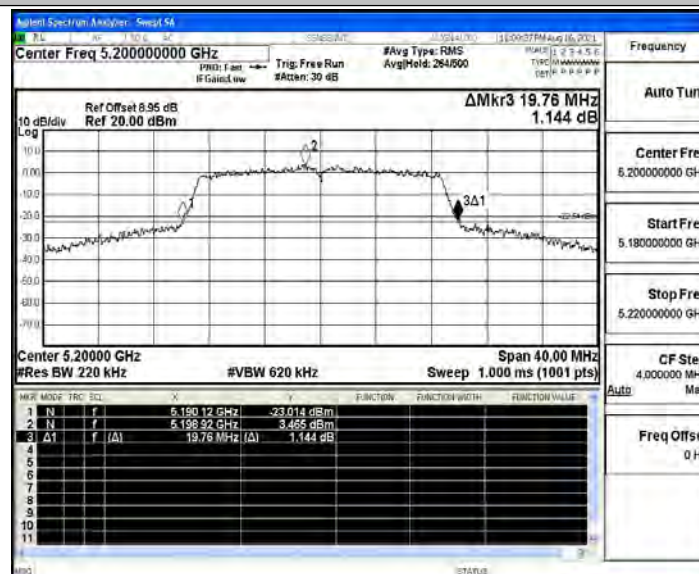
11A_Ant0_5240



11N20SISO_Ant0_5180

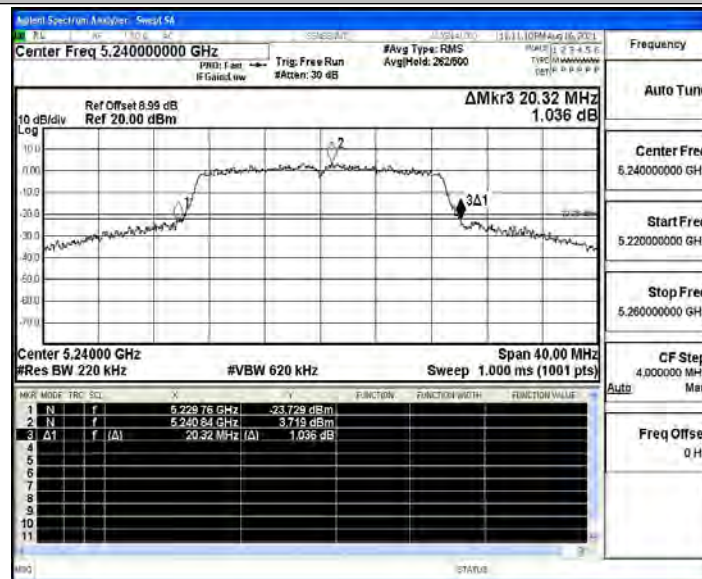


11N20SISO_Ant0_5200

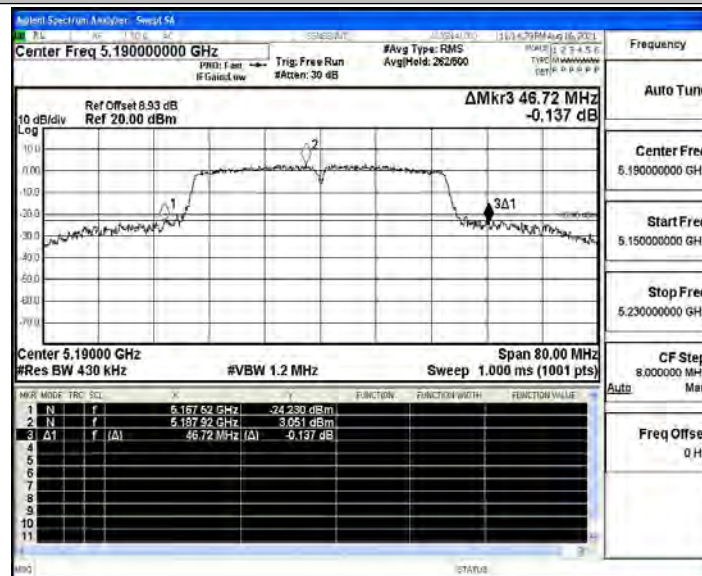




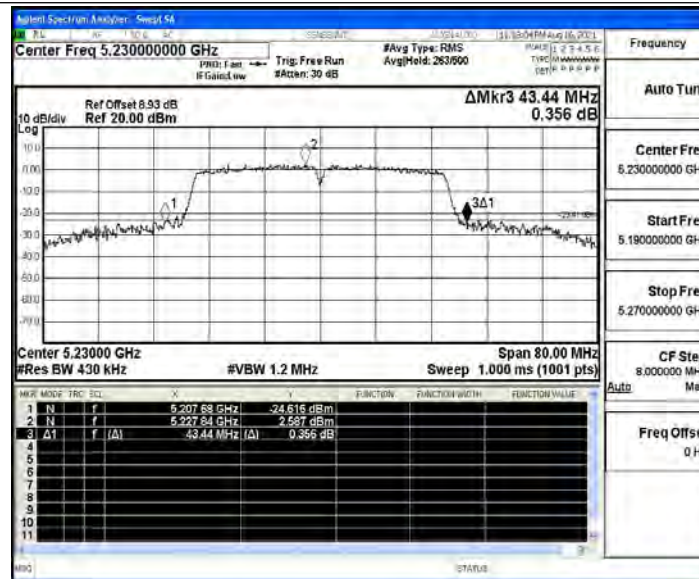
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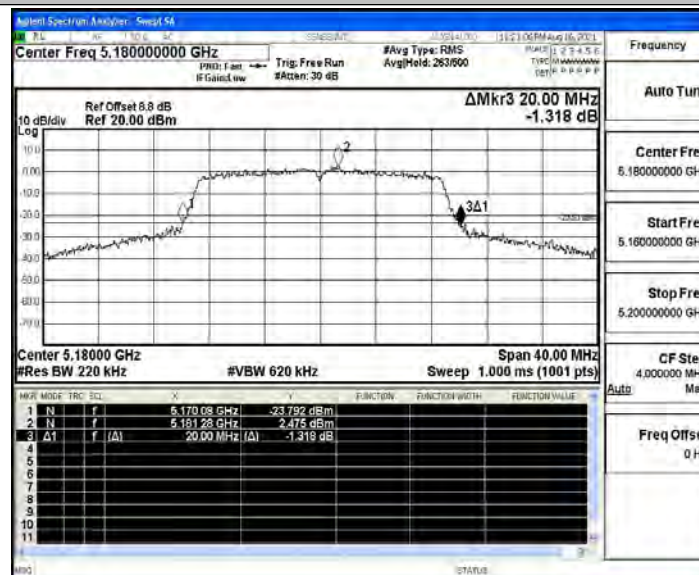
11N40SISO_Ant0_5190



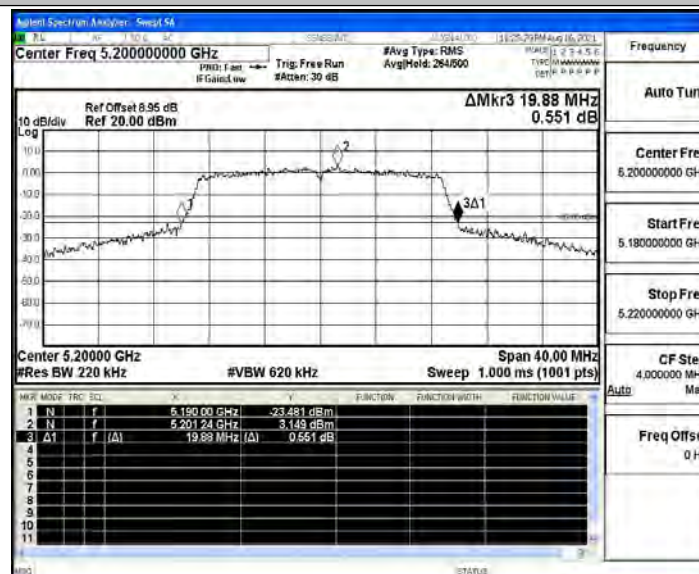
11N40SISO_Ant0_5230



11AC20SISO_Ant0_5180

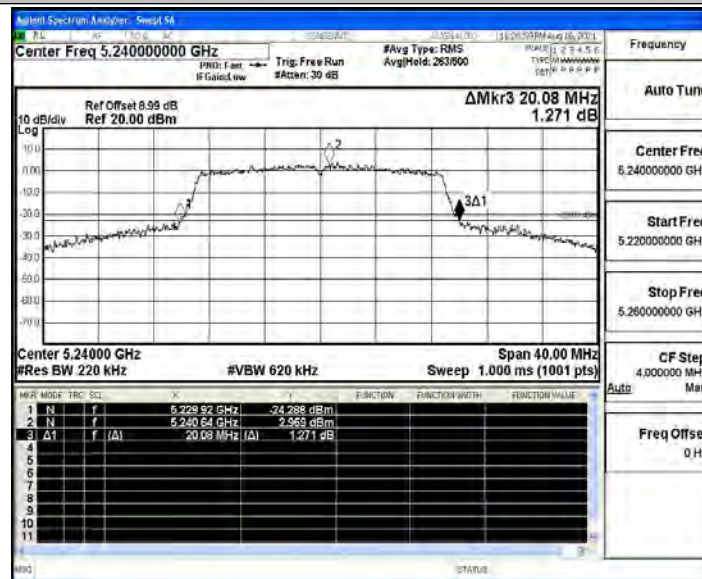


11AC20SISO_Ant0_5200

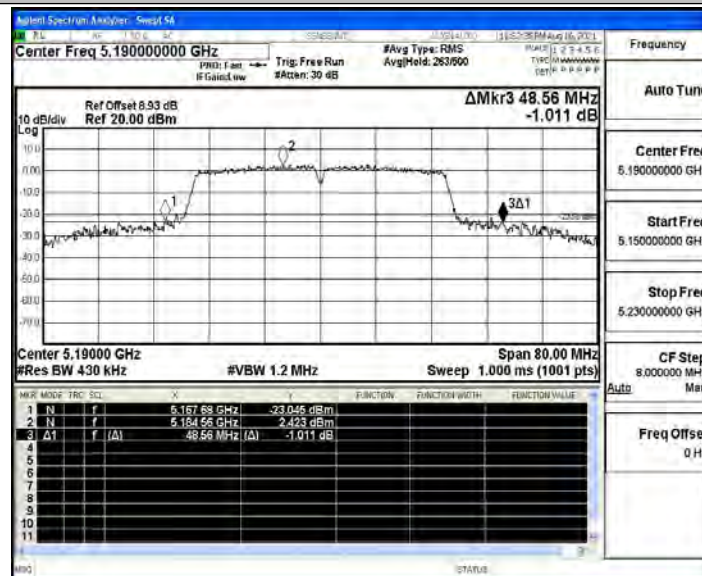




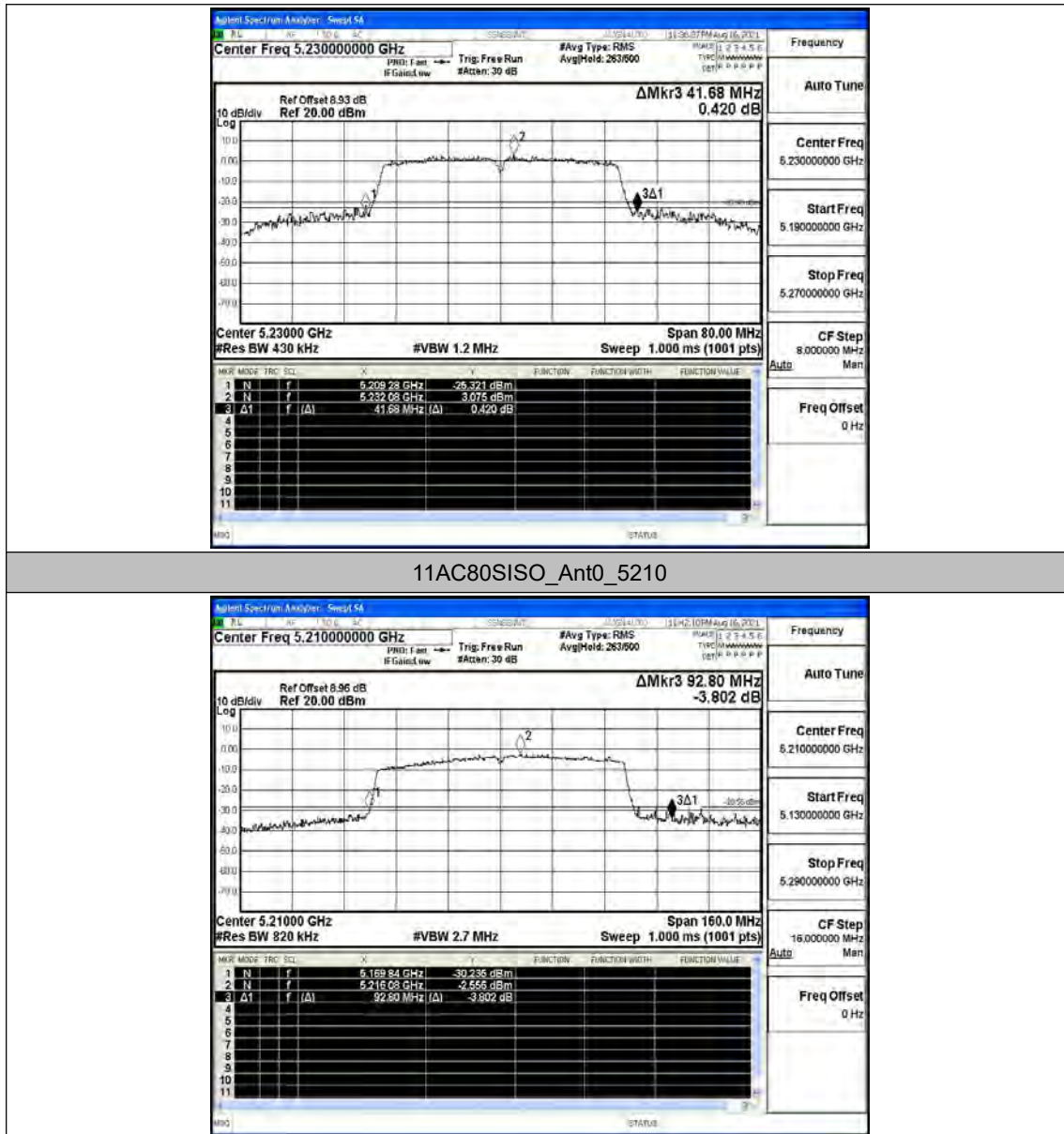
11AC20SISO_Ant0_5240



11AC40SISO_Ant0_5190



11AC40SISO_Ant0_5230



ANT1

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	19.840	5170.080	5189.920	---	PASS
		5200	20.840	5190.040	5210.880	---	PASS
		5240	19.720	5230.200	5249.920	---	PASS
11N20SISO	Ant1	5180	21.720	5168.440	5190.160	---	PASS
		5200	27.360	5185.600	5212.960	---	PASS
		5240	27.680	5226.520	5254.200	---	PASS
11N40SISO	Ant1	5190	62.320	5159.040	5221.360	---	PASS
		5230	63.200	5199.360	5262.560	---	PASS
11AC20SISO	Ant1	5180	27.440	5165.960	5193.400	---	PASS
		5200	26.480	5186.760	5213.240	---	PASS
		5240	29.680	5224.680	5254.360	---	PASS

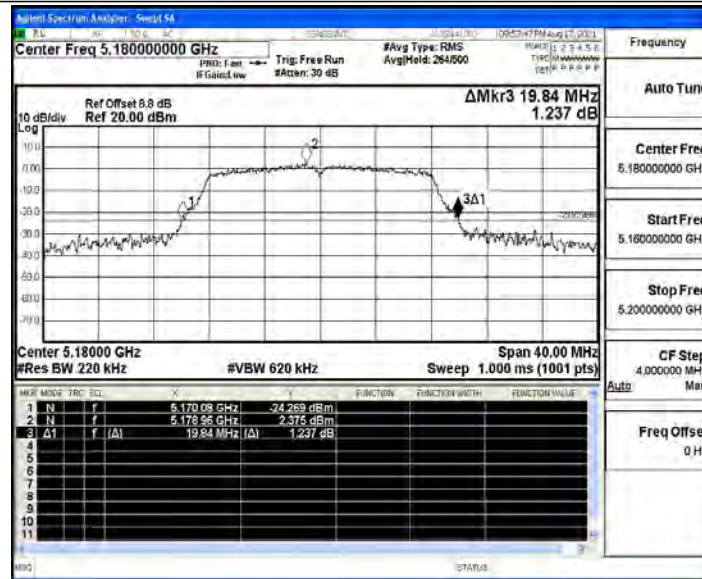


11AC40SISO	Ant1	5190	55.840	5159.600	5215.440	---	PASS
		5230	65.120	5194.480	5259.600	---	PASS
11AC80SISO	Ant1	5210	123.200	5145.200	5268.400	---	PASS

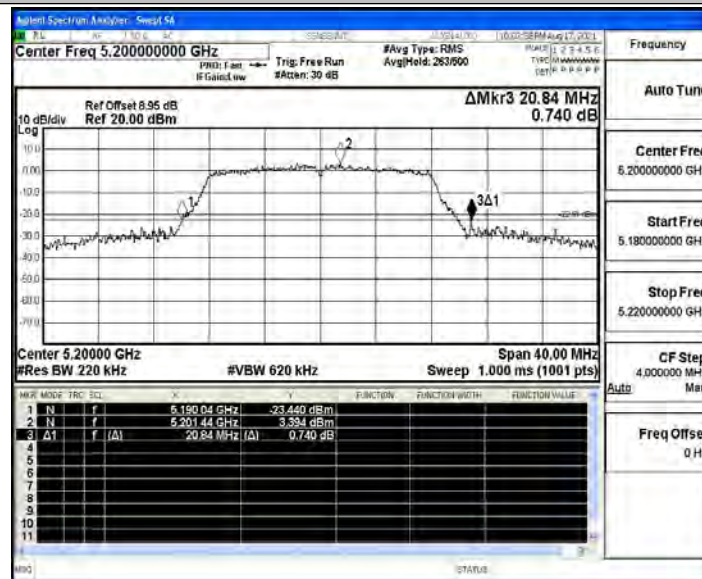


Test Graphs

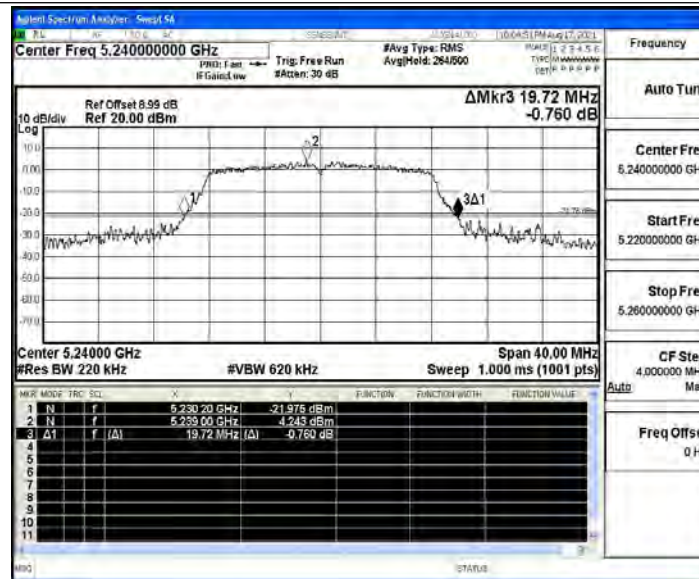
11A_Ant1_5180



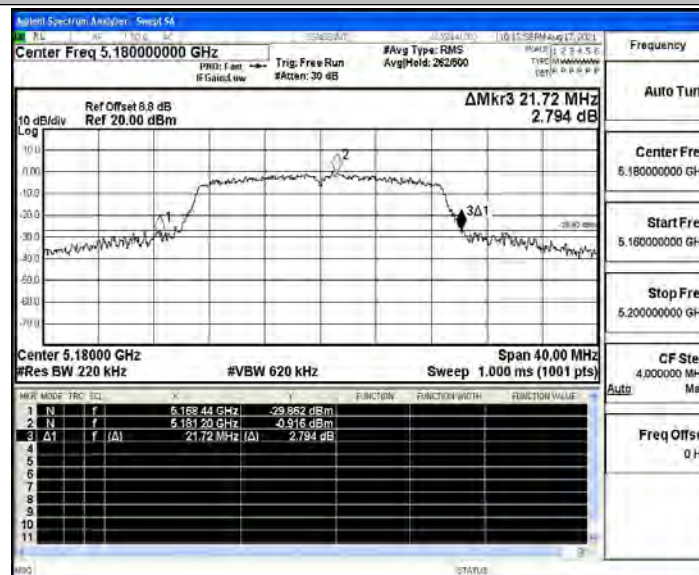
11A_Ant1_5200



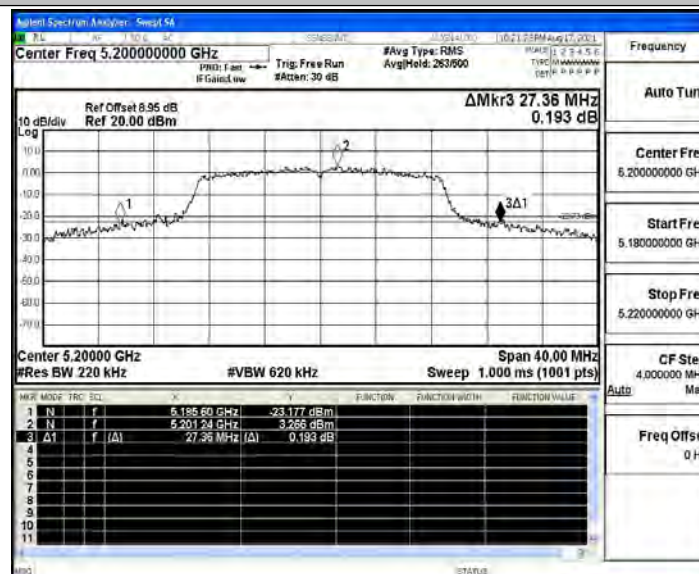
11A_Ant1_5240



11N20SISO_Ant1_5180

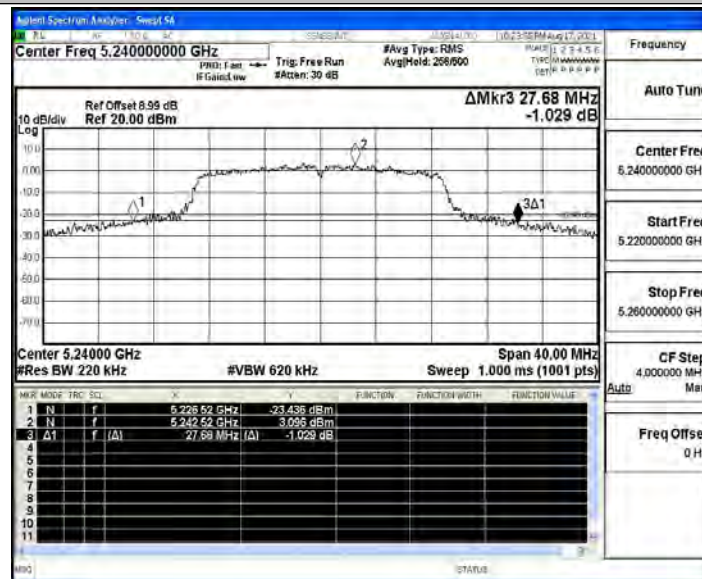


11N20SISO_Ant1_5200

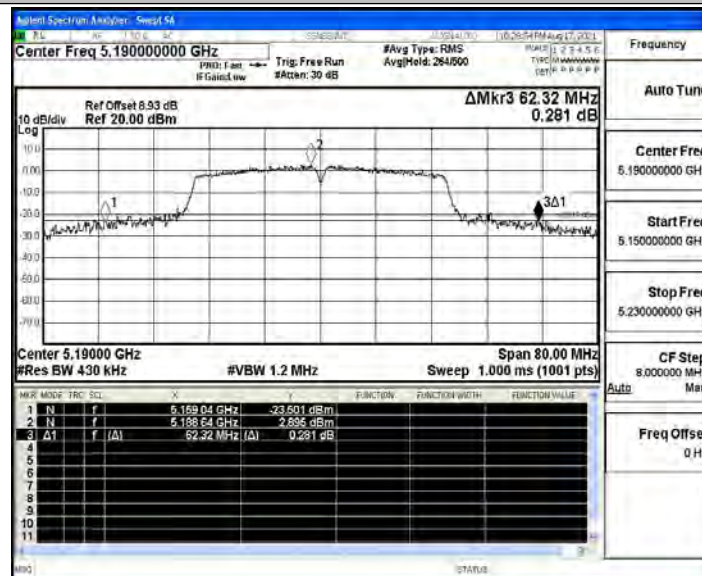




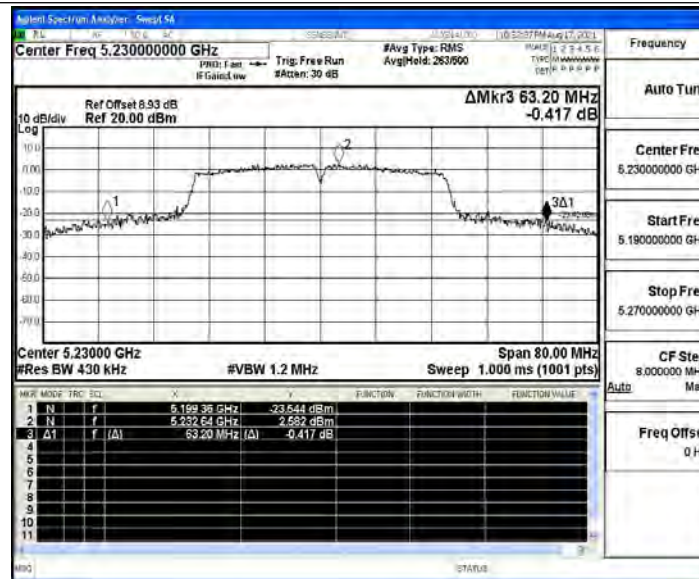
11N20SISO_Ant1_5240



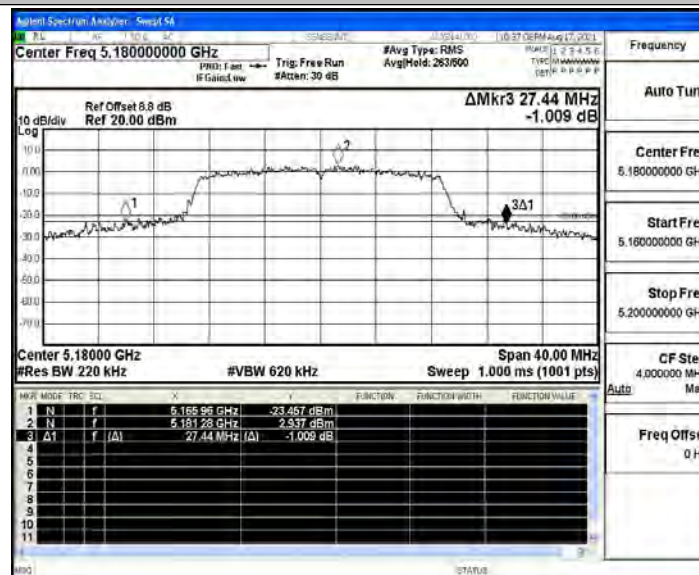
11N40SISO_Ant1_5190



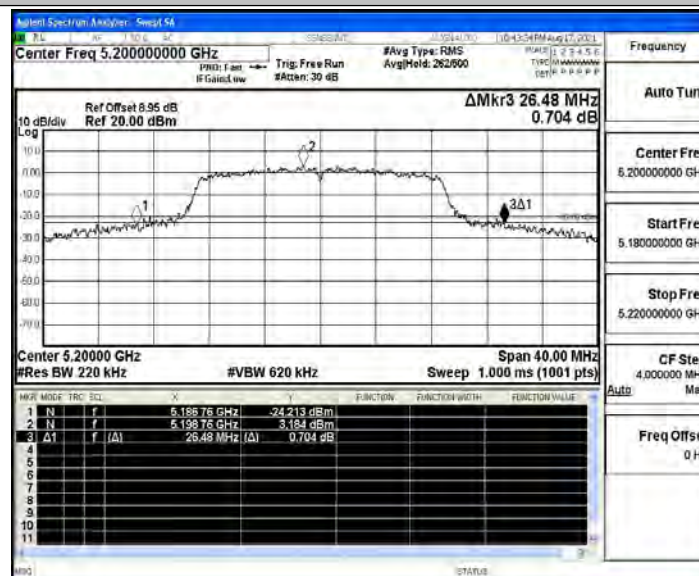
11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180

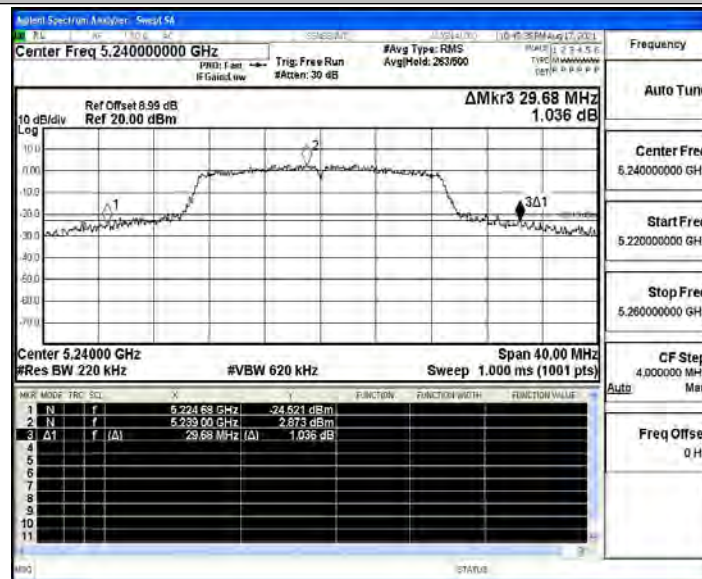


11AC20SISO_Ant1_5200

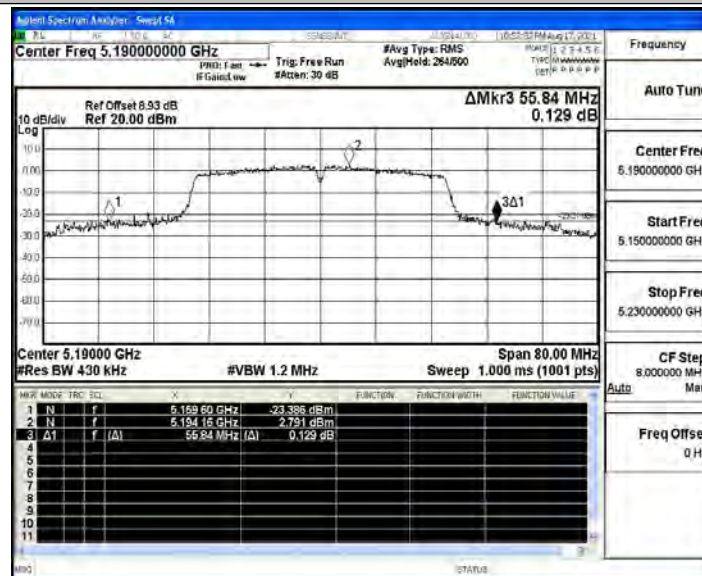




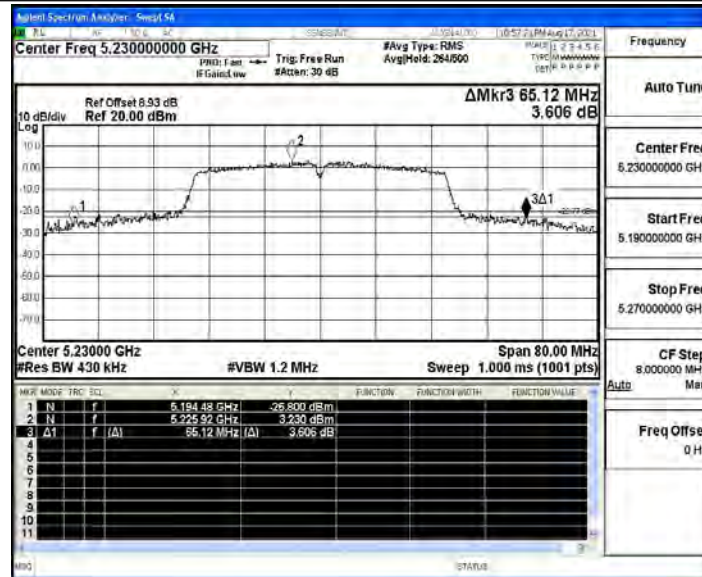
11AC20SISO_Ant1_5240



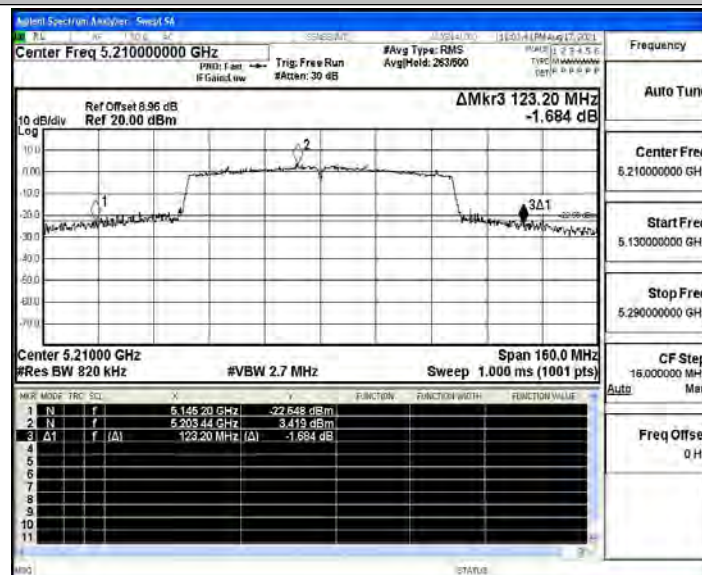
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210





B.5 Emissions in Restricted Bands

Test Result

ANT0

TestMode	Antenna	ChName	Channel	Detector	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [dBUV/m]	Limit [dBUV/m]	Verdict
11A	Ant0	Low	5180	AV	4500.000	-49.28	≤-41.20	45.92	≤54	PASS
				AV	5102.000	-46.53	≤-41.20	48.67	≤54	PASS
				AV	5150.000	-46.62	≤-41.20	48.58	≤54	PASS
				Peak	4500.000	-42.01	≤-21.20	53.19	≤74	PASS
				Peak	4888.500	-36.75	≤-21.20	58.45	≤74	PASS
				Peak	5150.000	-39.3	≤-21.20	55.90	≤74	PASS
		High	5240	AV	5350.000	-47.5	≤-41.20	47.70	≤54	PASS
				AV	5369.760	-46.82	≤-41.20	48.38	≤54	PASS
				AV	5460.000	-47.74	≤-41.20	47.46	≤54	PASS
				Peak	5350.000	-40.82	≤-21.20	54.38	≤74	PASS
				Peak	5370.480	-37.64	≤-21.20	57.56	≤74	PASS
				Peak	5460.000	-40.96	≤-21.20	54.24	≤74	PASS
11N20SIS O	Ant0	Low	5180	AV	4500.000	-49.38	≤-41.20	45.82	≤54	PASS
				AV	5102.000	-45.27	≤-41.20	49.93	≤54	PASS
				AV	5150.000	-45.55	≤-41.20	49.65	≤54	PASS
				Peak	4500.000	-42.27	≤-21.20	52.93	≤74	PASS
				Peak	5128.600	-37.03	≤-21.20	58.17	≤74	PASS
				Peak	5150.000	-37.89	≤-21.20	57.31	≤74	PASS
		High	5240	AV	5350.000	-47.58	≤-41.20	47.62	≤54	PASS
				AV	5370.000	-46.89	≤-41.20	48.31	≤54	PASS
				AV	5460.000	-47.85	≤-41.20	47.35	≤54	PASS
				Peak	5350.000	-42.04	≤-21.20	53.16	≤74	PASS
				Peak	5355.360	-38.13	≤-21.20	57.07	≤74	PASS
				Peak	5460.000	-42.14	≤-21.20	53.06	≤74	PASS
11N40SIS O	Ant0	Low	5190	AV	4500.000	-49.06	≤-41.20	46.14	≤54	PASS
				AV	4827.600	-46.78	≤-41.20	48.42	≤54	PASS
				AV	5150.000	-47.46	≤-41.20	47.74	≤54	PASS
				Peak	4500.000	-40.65	≤-21.20	54.55	≤74	PASS
				Peak	5028.500	-37.75	≤-21.20	57.45	≤74	PASS
				Peak	5150.000	-41.81	≤-21.20	53.39	≤74	PASS
		High	5230	AV	5350.000	-47.18	≤-41.20	48.02	≤54	PASS
				AV	5360.160	-46.22	≤-41.20	48.98	≤54	PASS
				AV	5460.000	-47.68	≤-41.20	47.52	≤54	PASS
				Peak	5350.000	-40.28	≤-21.20	54.92	≤74	PASS
				Peak	5382.260	-37.02	≤-21.20	58.18	≤74	PASS
				Peak	5460.000	-40.88	≤-21.20	54.32	≤74	PASS



11AC20SI SO	Ant0	Low	5180	AV	4500.000	-49.42	≤-41.20	45.78	≤54	PASS
				AV	5102.000	-46.13	≤-41.20	49.07	≤54	PASS
				AV	5150.000	-46.29	≤-41.20	48.91	≤54	PASS
				Peak	4500.000	-41.44	≤-21.20	53.76	≤74	PASS
				Peak	4801.700	-36.82	≤-21.20	58.38	≤74	PASS
				Peak	5150.000	-38.7	≤-21.20	56.50	≤74	PASS
		High	5240	AV	5350.000	-47.43	≤-41.20	47.77	≤54	PASS
				AV	5369.760	-46.62	≤-41.20	48.58	≤54	PASS
				AV	5460.000	-48	≤-41.20	47.20	≤54	PASS
				Peak	5350.000	-41.79	≤-21.20	53.41	≤74	PASS
				Peak	5370.240	-37.82	≤-21.20	57.38	≤74	PASS
				Peak	5460.000	-40.46	≤-21.20	54.74	≤74	PASS
11AC40SI SO	Ant0	Low	5190	AV	4500.000	-48.99	≤-41.20	46.21	≤54	PASS
				AV	4917.900	-46.75	≤-41.20	48.45	≤54	PASS
				AV	5150.000	-47.64	≤-41.20	47.56	≤54	PASS
				Peak	4500.000	-42.88	≤-21.20	52.32	≤74	PASS
				Peak	4868.200	-38.04	≤-21.20	57.16	≤74	PASS
				Peak	5150.000	-39.89	≤-21.20	55.31	≤74	PASS
		High	5230	AV	5350.000	-47.31	≤-41.20	47.89	≤54	PASS
				AV	5360.160	-46.43	≤-41.20	48.77	≤54	PASS
				AV	5460.000	-47.73	≤-41.20	47.47	≤54	PASS
				Peak	5350.000	-40.94	≤-21.20	54.26	≤74	PASS
				Peak	5455.580	-37.69	≤-21.20	57.51	≤74	PASS
				Peak	5460.000	-40.87	≤-21.20	54.33	≤74	PASS
11AC80SI SO	Ant0	Low	5210	AV	4500.000	-48.66	≤-41.20	46.54	≤54	PASS
				AV	4931.250	-46.39	≤-41.20	48.81	≤54	PASS
				AV	5150.000	-47.04	≤-41.20	48.16	≤54	PASS
				Peak	4500.000	-41.63	≤-21.20	53.57	≤74	PASS
				Peak	4804.500	-37.73	≤-21.20	57.47	≤74	PASS
				Peak	5150.000	-40.61	≤-21.20	54.59	≤74	PASS
		High	5210	AV	5350.000	-46.72	≤-41.20	48.48	≤54	PASS
				AV	5355.840	-46.34	≤-41.20	48.86	≤54	PASS
				AV	5460.000	-47.21	≤-41.20	47.99	≤54	PASS
				Peak	5350.000	-40.86	≤-21.20	54.34	≤74	PASS
				Peak	5443.760	-36.6	≤-21.20	58.60	≤74	PASS
				Peak	5460.000	-39.41	≤-21.20	55.79	≤74	PASS

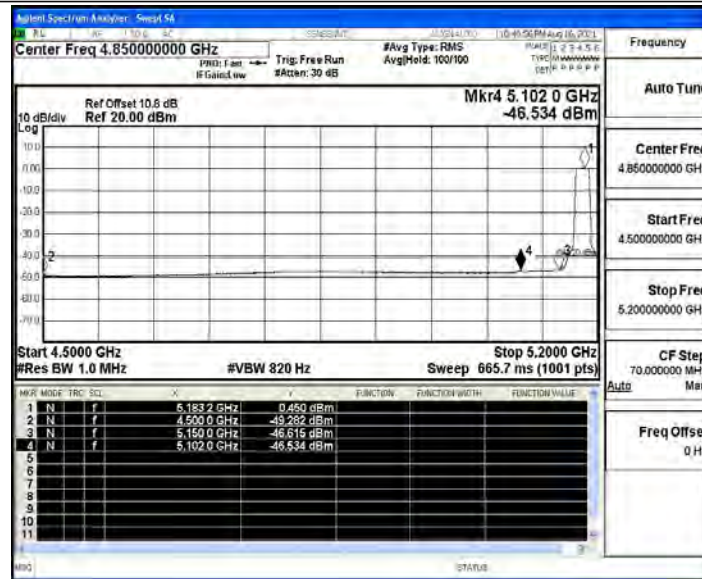
Note:

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.

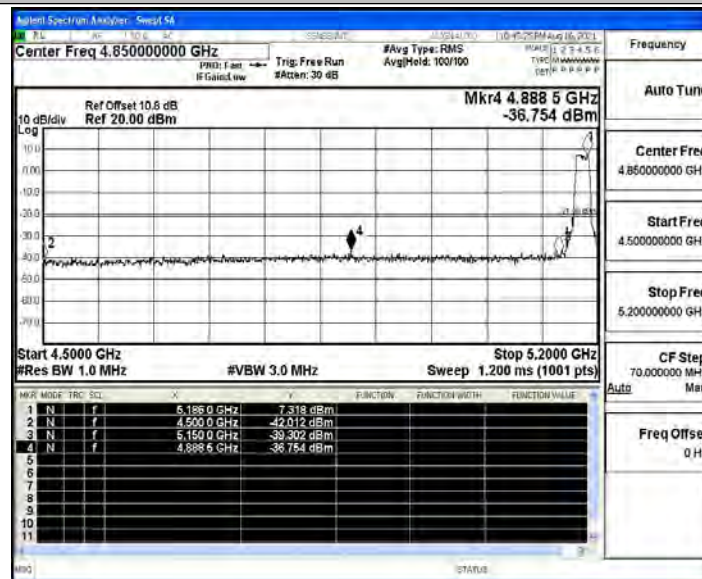


Test Graphs

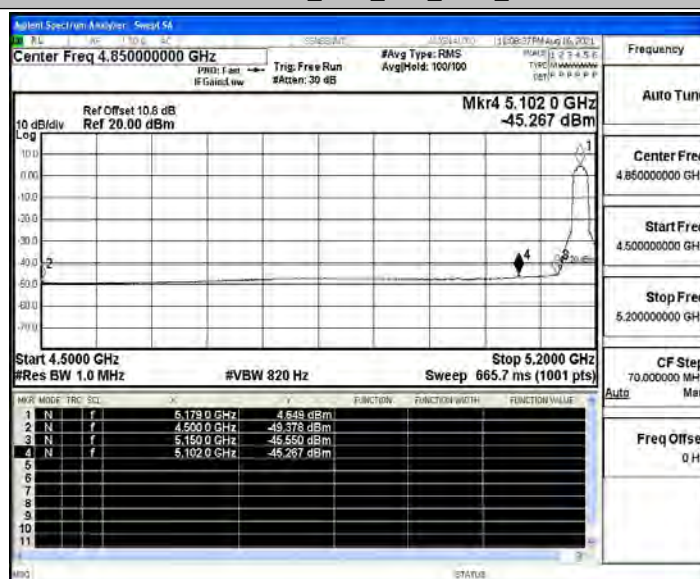
11A_Ant0_Low_5180_AV



11A_Ant0_Low_5180_Peak

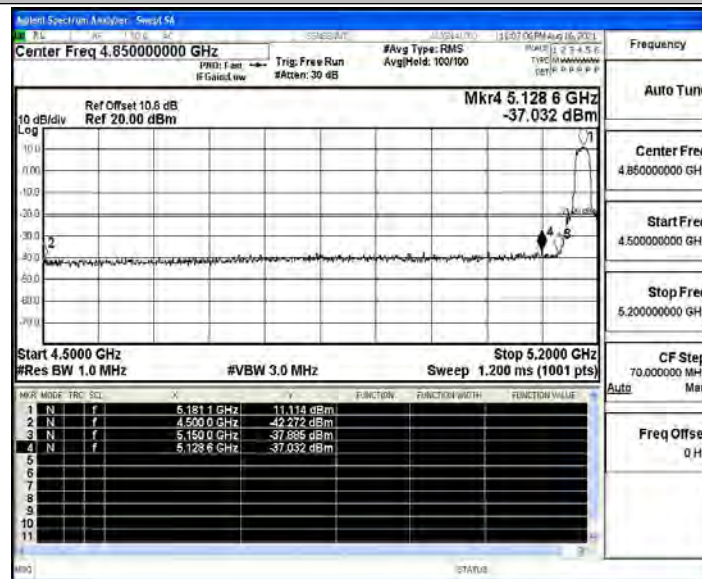


11A_Ant0_High_5240_AV

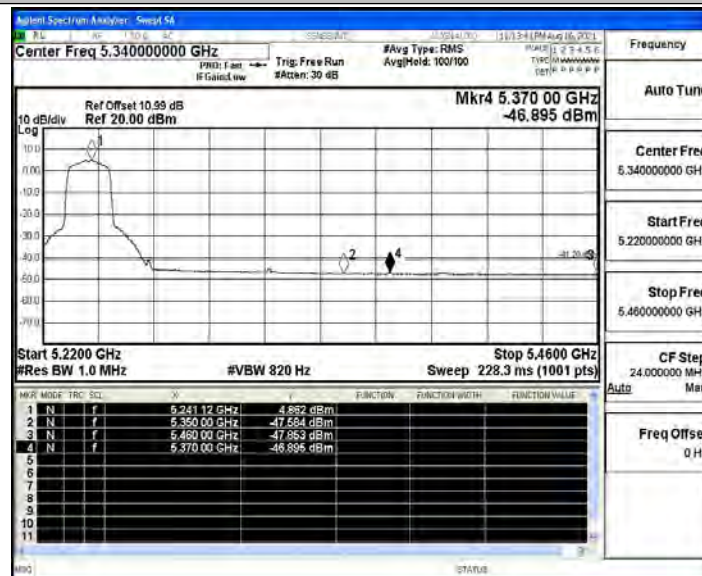




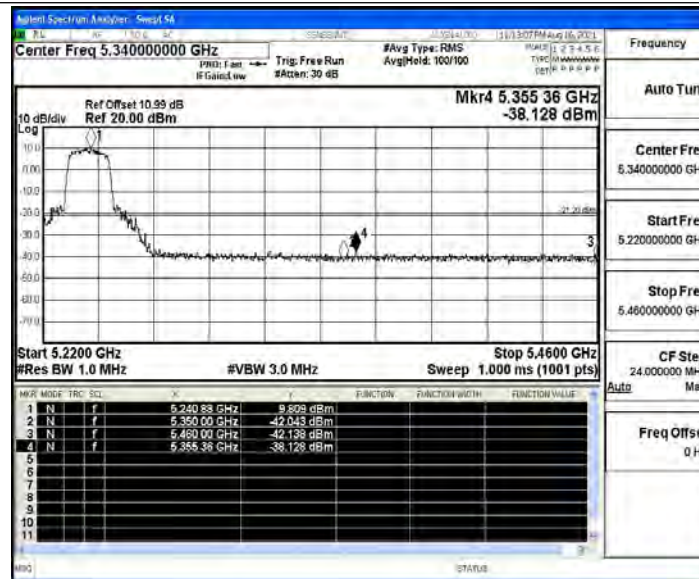
11N20SISO_Ant0_Low_5180_Peak



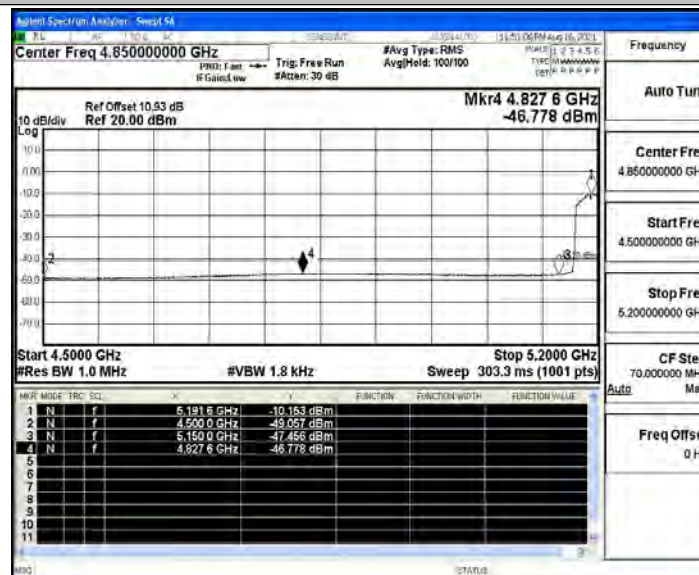
11N20SISO_Ant0_High_5240_AV



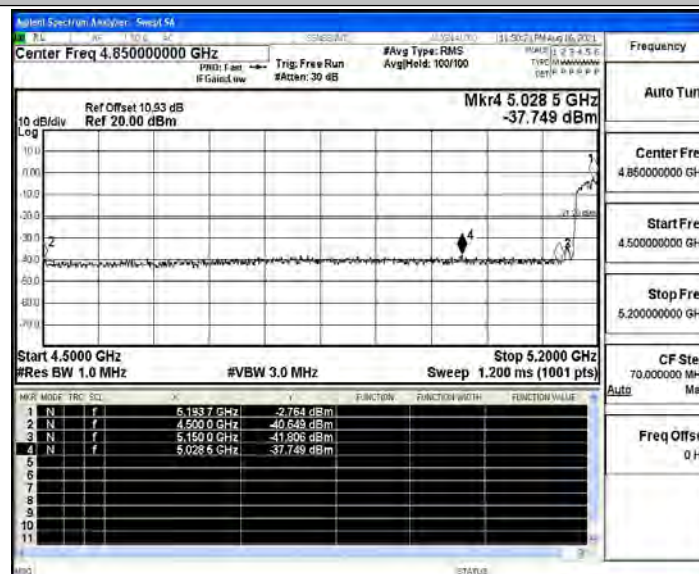
11N20SISO_Ant0_High_5240_Peak



11N40SISO_Ant0_Low_5190_AV

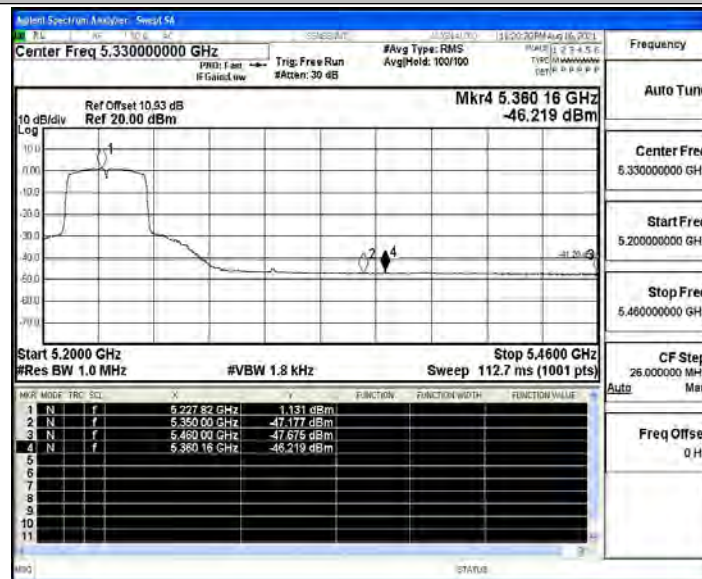


11N40SISO_Ant0_Low_5190_Peak

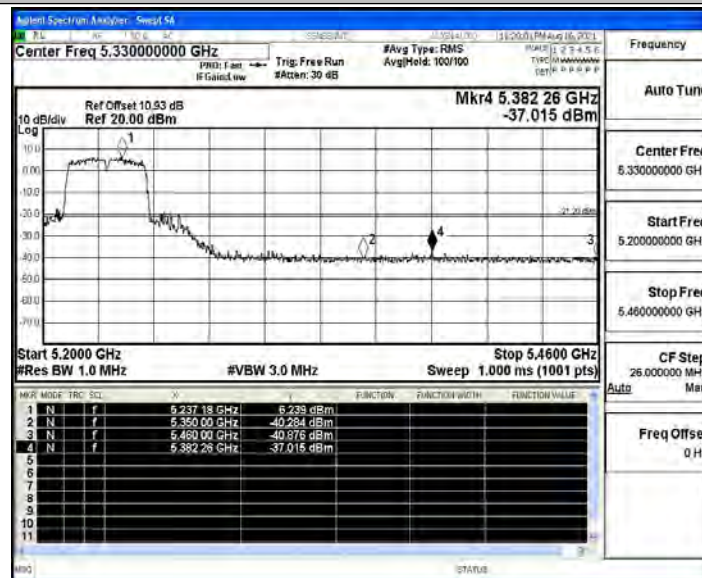




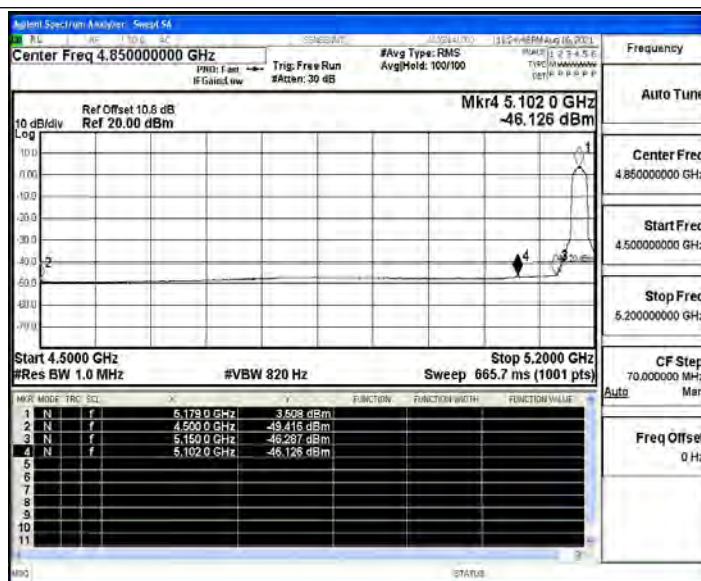
11N40SISO_Ant0_High_5230_AV



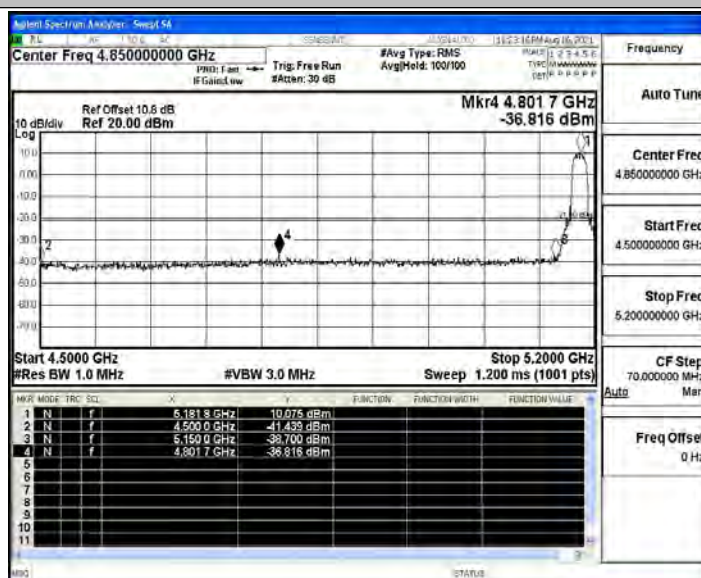
11N40SISO_Ant0_High_5230_Peak



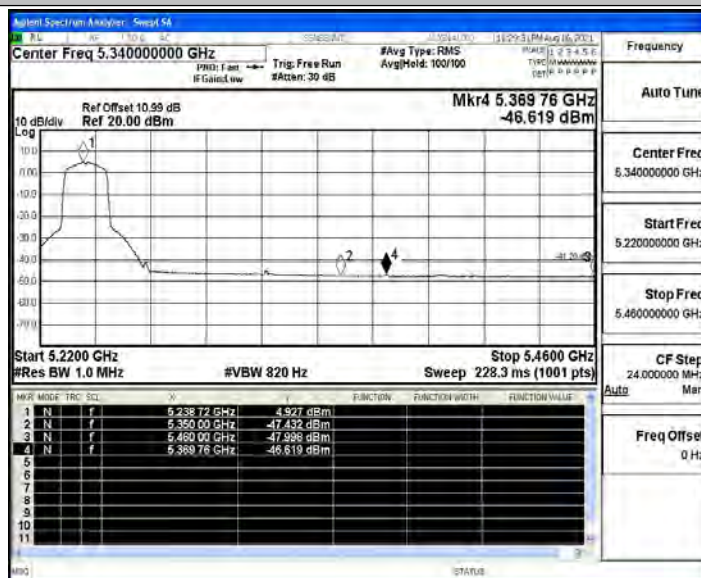
11AC20SISO_Ant0_Low_5180_AV



11AC20SISO Ant0 Low 5180 Peak

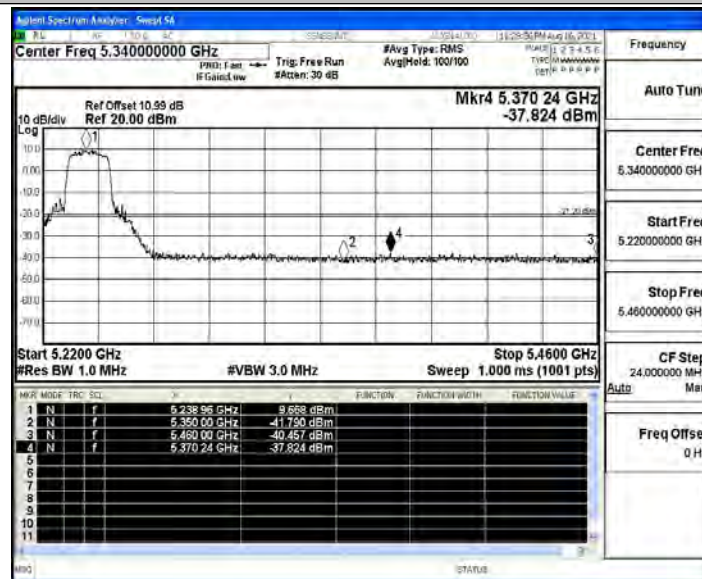


11AC20SISO Ant0 High 5240 AV

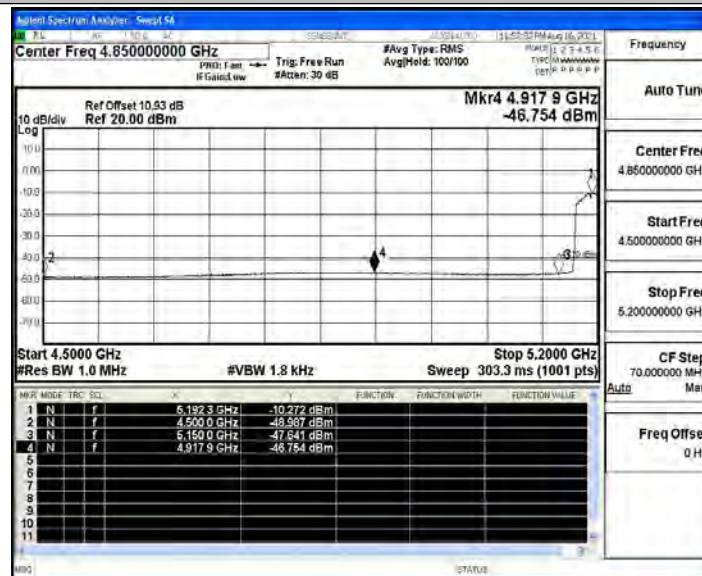




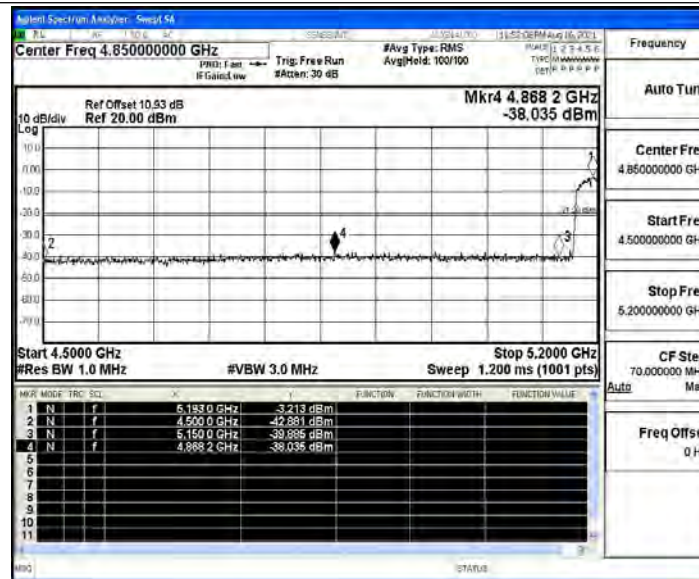
11AC20SISO_Ant0_High_5240_Peak



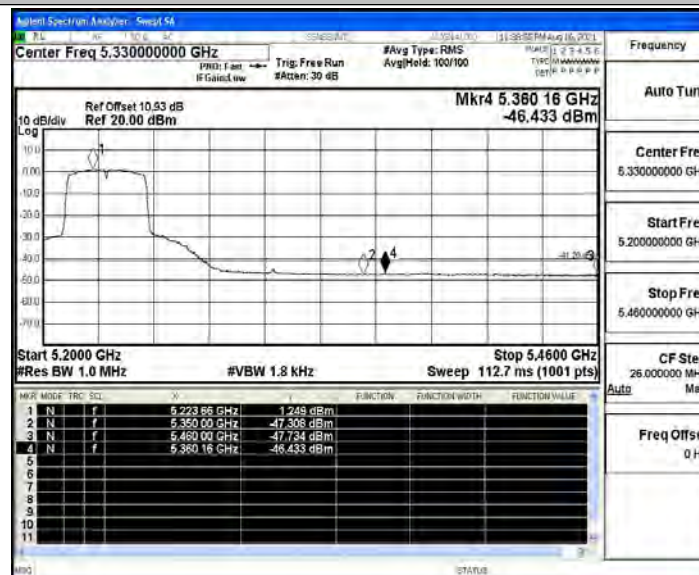
11AC40SISO_Ant0_Low_5190_AV



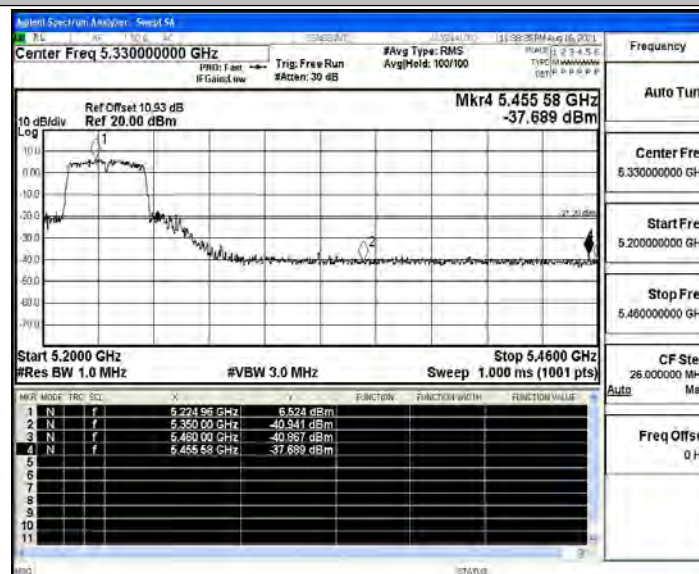
11AC40SISO_Ant0_Low_5190_Peak



11AC40SISO_Ant0_High_5230_AV

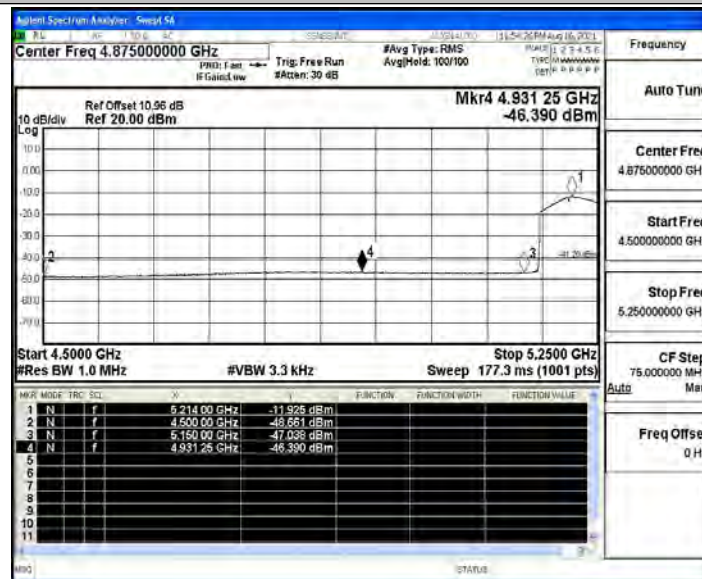


11AC40SISO_Ant0_High_5230_Peak

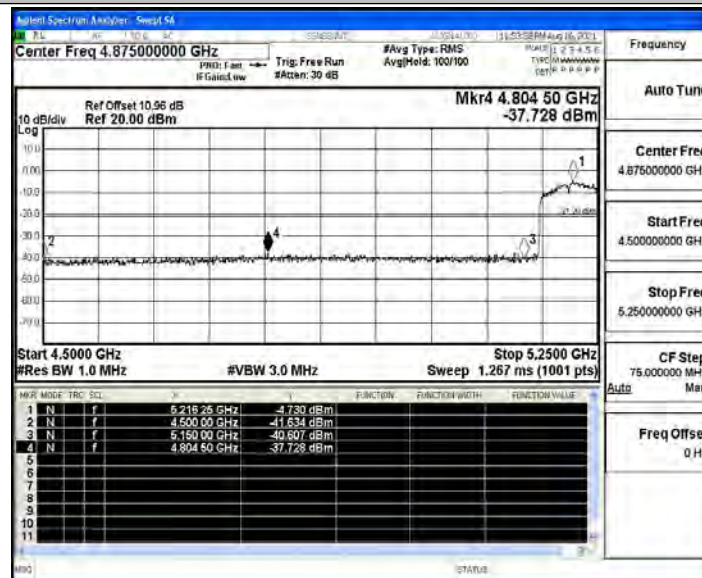




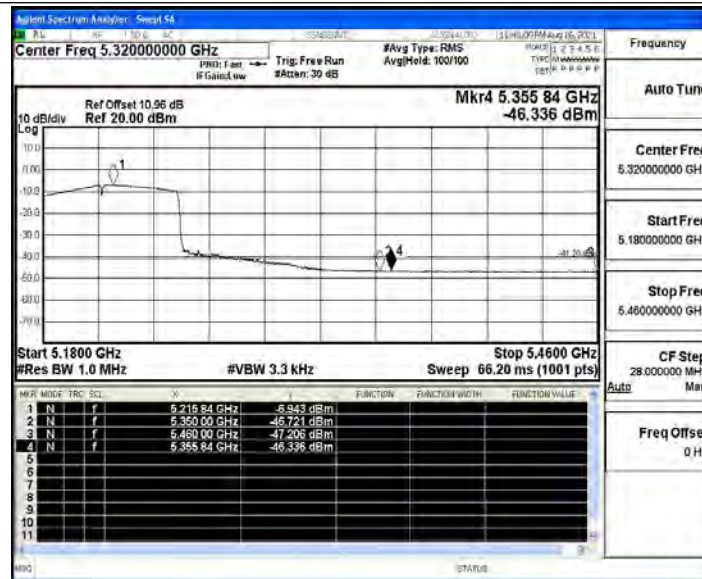
11AC80SISO_Ant0_Low_5210_AV



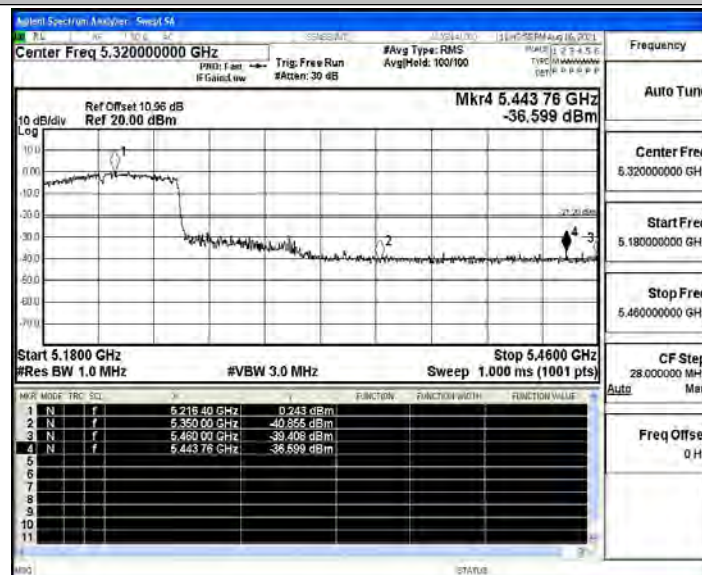
11AC80SISO_Ant0_Low_5210_Peak



11AC80SISO_Ant0_High_5210_AV



11AC80SISO_Ant0_High_5210_Peak





ANT1

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	-49.51	≤-41.20	45.69	≤54	PASS
				AV	5149.600	-45.81	≤-41.20	49.39	≤54	PASS
				AV	5150.000	-45.63	≤-41.20	49.57	≤54	PASS
				Peak	4500.000	-41.8	≤-21.20	53.40	≤74	PASS
				Peak	4909.500	-37.7	≤-21.20	57.50	≤74	PASS
				Peak	5150.000	-40.75	≤-21.20	54.45	≤74	PASS
		High	5240	AV	5350.000	-47.58	≤-41.20	47.62	≤54	PASS
				AV	5410.080	-47.3	≤-41.20	47.90	≤54	PASS
				AV	5460.000	-47.6	≤-41.20	47.60	≤54	PASS
				Peak	5350.000	-41.37	≤-21.20	53.83	≤74	PASS
				Peak	5388.000	-37.56	≤-21.20	57.64	≤74	PASS
				Peak	5460.000	-42	≤-21.20	53.20	≤74	PASS
11N20SISO	Ant1	Low	5180	AV	4500.000	-49.48	≤-41.20	45.72	≤54	PASS
				AV	5148.900	-46.52	≤-41.20	48.68	≤54	PASS
				AV	5150.000	-46.61	≤-41.20	48.59	≤54	PASS
				Peak	4500.000	-43.17	≤-21.20	52.03	≤74	PASS
				Peak	5143.300	-37.1	≤-21.20	58.10	≤74	PASS
				Peak	5150.000	-39.69	≤-21.20	55.51	≤74	PASS
		High	5240	AV	5350.000	-47.3	≤-41.20	47.90	≤54	PASS
				AV	5410.800	-47.2	≤-41.20	48.00	≤54	PASS
				AV	5460.000	-47.7	≤-41.20	47.50	≤54	PASS
				Peak	5350.000	-41.3	≤-21.20	53.90	≤74	PASS
				Peak	5370.720	-38.01	≤-21.20	57.19	≤74	PASS
				Peak	5460.000	-40.05	≤-21.20	55.15	≤74	PASS
11N40SISO	Ant1	Low	5190	AV	4500.000	-49.16	≤-41.20	46.04	≤54	PASS
				AV	5148.900	-43.36	≤-41.20	51.84	≤54	PASS
				AV	5150.000	-43.09	≤-41.20	52.11	≤54	PASS
				Peak	4500.000	-42.35	≤-21.20	52.85	≤74	PASS
				Peak	5147.500	-34.5	≤-21.20	60.70	≤74	PASS
				Peak	5150.000	-38.62	≤-21.20	56.58	≤74	PASS
		High	5230	AV	5350.000	-47.08	≤-41.20	48.12	≤54	PASS
				AV	5370.560	-46.72	≤-41.20	48.48	≤54	PASS
				AV	5460.000	-47.3	≤-41.20	47.90	≤54	PASS
				Peak	5350.000	-40.17	≤-21.20	55.03	≤74	PASS
				Peak	5356.000	-35.95	≤-21.20	59.25	≤74	PASS
				Peak	5460.000	-40.37	≤-21.20	54.83	≤74	PASS
11AC20SISO	Ant1	Low	5180	AV	4500.000	-49.33	≤-41.20	45.87	≤54	PASS
				AV	5149.600	-46.18	≤-41.20	49.02	≤54	PASS



				AV	5150.000	-46.07	≤ -41.20	49.13	≤ 54	PASS
				Peak	4500.000	-42.66	≤ -21.20	52.54	≤ 74	PASS
				Peak	5112.500	-35.04	≤ -21.20	60.16	≤ 74	PASS
				Peak	5150.000	-39.94	≤ -21.20	55.26	≤ 74	PASS
		High	5240	AV	5350.000	-47.53	≤ -41.20	47.67	≤ 54	PASS
				AV	5409.600	-47.15	≤ -41.20	48.05	≤ 54	PASS
				AV	5460.000	-47.68	≤ -41.20	47.52	≤ 54	PASS
				Peak	5350.000	-40.52	≤ -21.20	54.68	≤ 74	PASS
				Peak	5387.520	-38	≤ -21.20	57.20	≤ 74	PASS
				Peak	5460.000	-40.71	≤ -21.20	54.49	≤ 74	PASS
11AC40SI SO	Ant1	Low	5190	AV	4500.000	-49.14	≤ -41.20	46.06	≤ 54	PASS
				AV	5149.600	-43.17	≤ -41.20	52.03	≤ 54	PASS
				AV	5150.000	-43.42	≤ -41.20	51.78	≤ 54	PASS
				Peak	4500.000	-42.93	≤ -21.20	52.27	≤ 74	PASS
				Peak	5149.600	-32.1	≤ -21.20	63.10	≤ 74	PASS
				Peak	5150.000	-32.38	≤ -21.20	62.82	≤ 74	PASS
		High	5230	AV	5350.000	-47	≤ -41.20	48.20	≤ 54	PASS
				AV	5353.400	-46.85	≤ -41.20	48.35	≤ 54	PASS
				AV	5460.000	-47.53	≤ -41.20	47.67	≤ 54	PASS
				Peak	5350.000	-38.71	≤ -21.20	56.49	≤ 74	PASS
				Peak	5438.420	-36.79	≤ -21.20	58.41	≤ 74	PASS
				Peak	5460.000	-42.34	≤ -21.20	52.86	≤ 74	PASS
11AC80SI SO	Ant1	Low	5210	AV	4500.000	-48.73	≤ -41.20	46.47	≤ 54	PASS
				AV	5146.500	-46.02	≤ -41.20	49.18	≤ 54	PASS
				AV	5150.000	-46.14	≤ -41.20	49.06	≤ 54	PASS
				Peak	4500.000	-41.81	≤ -21.20	53.39	≤ 74	PASS
				Peak	4830.000	-37.39	≤ -21.20	57.81	≤ 74	PASS
				Peak	5150.000	-38.32	≤ -21.20	56.88	≤ 74	PASS
		High	5210	AV	5350.000	-43.76	≤ -41.20	51.44	≤ 54	PASS
				AV	5351.920	-43.73	≤ -41.20	51.47	≤ 54	PASS
				AV	5460.000	-47.24	≤ -41.20	47.96	≤ 54	PASS
				Peak	5350.000	-36.9	≤ -21.20	58.30	≤ 74	PASS
				Peak	5351.080	-33.96	≤ -21.20	61.24	≤ 74	PASS
				Peak	5460.000	-40.65	≤ -21.20	54.55	≤ 74	PASS

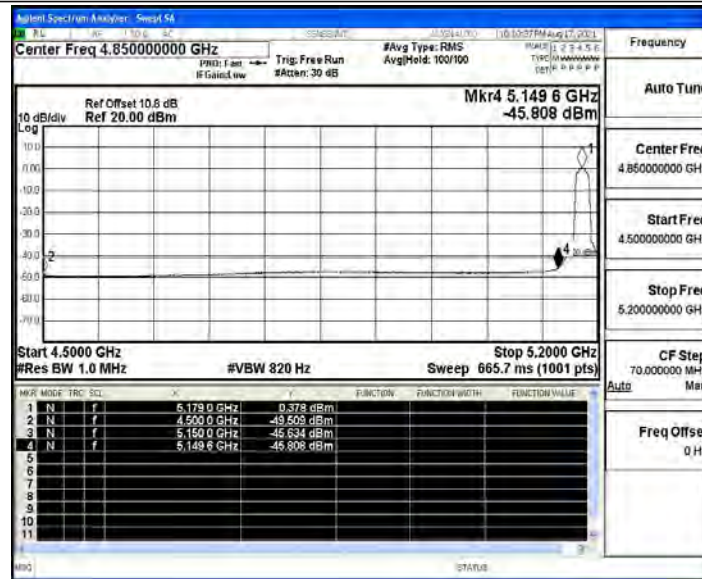
Note:

- The Antenna Gain is compensated in the graph.
- 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.

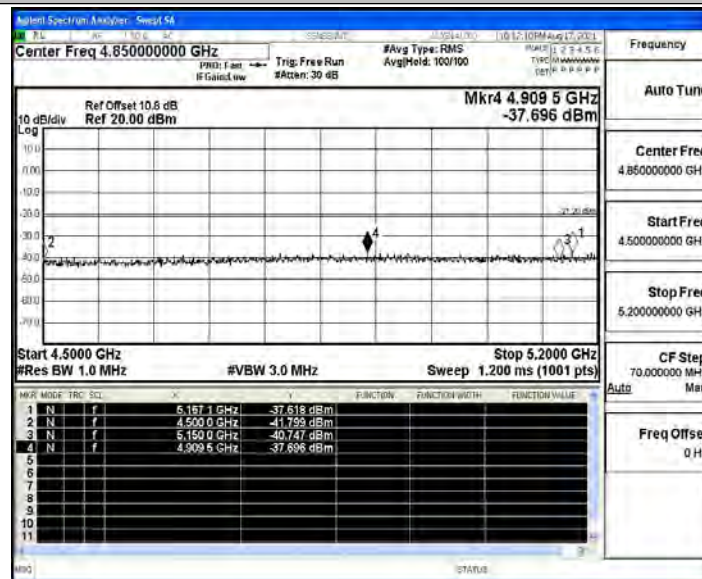


Test Graphs

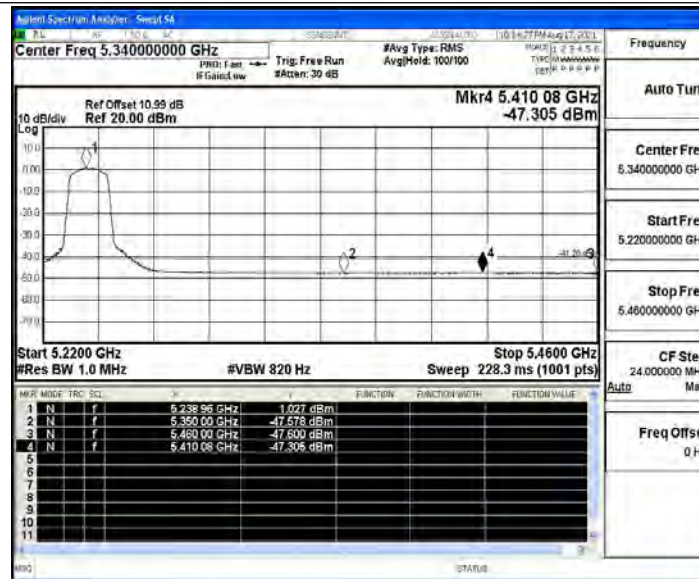
11A_Ant1_Low_5180_AV



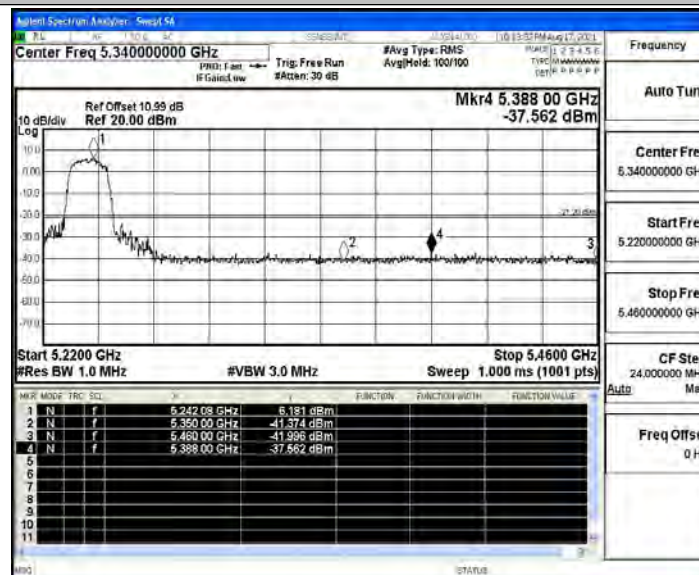
11A_Ant1_Low_5180_Peak



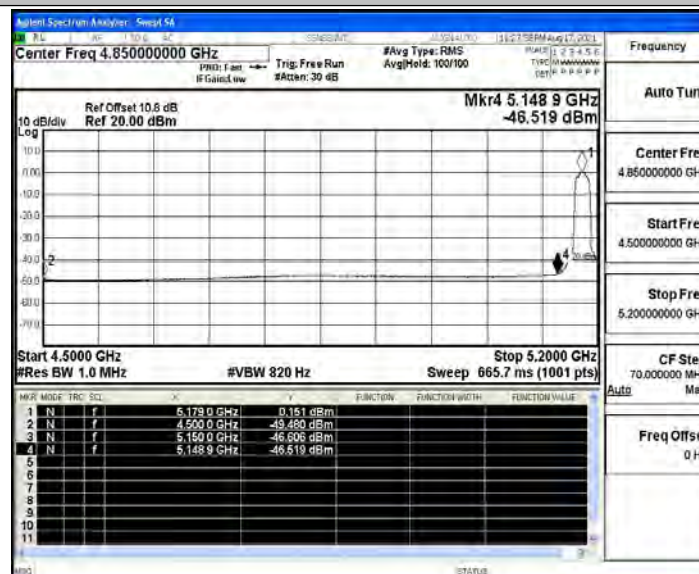
11A_Ant1_High_5240_AV



11A_Ant1_High_5240_Peak

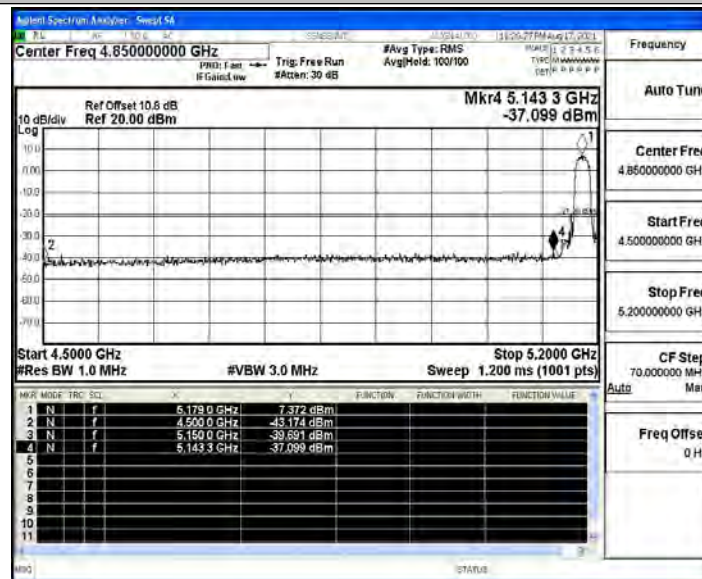


11N20SISO_Ant1_Low_5180_AV

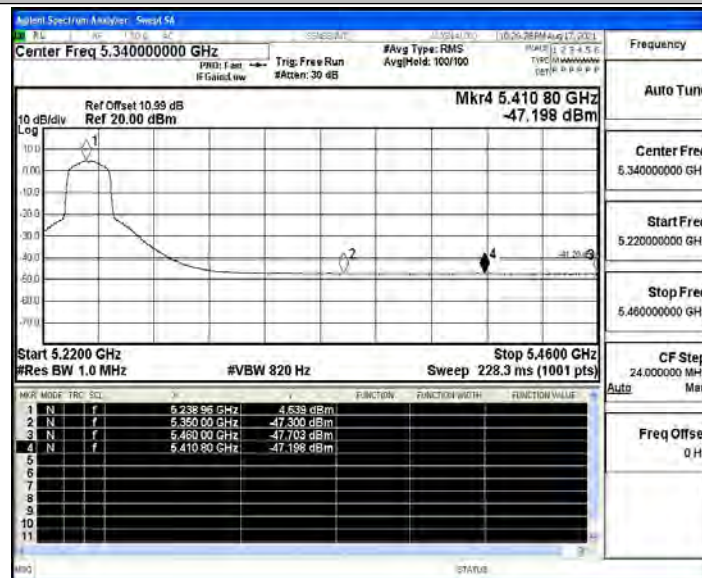




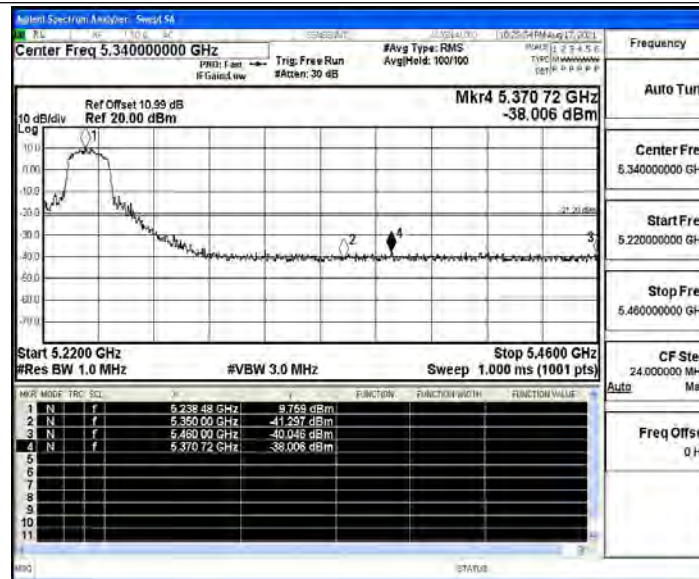
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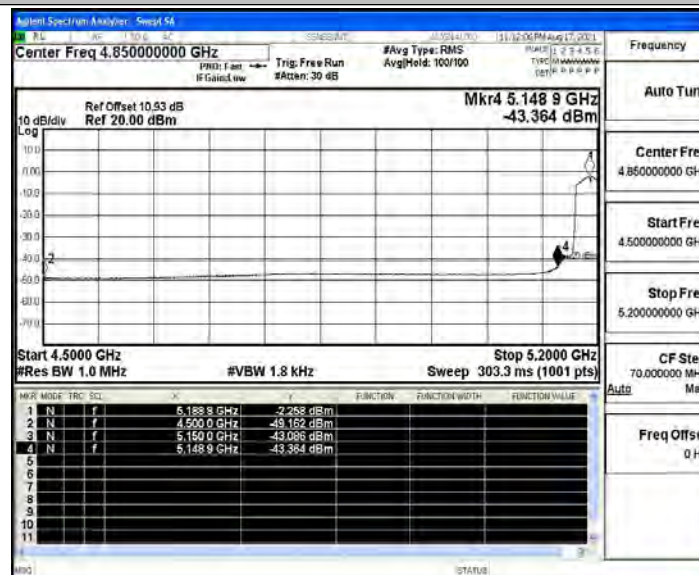
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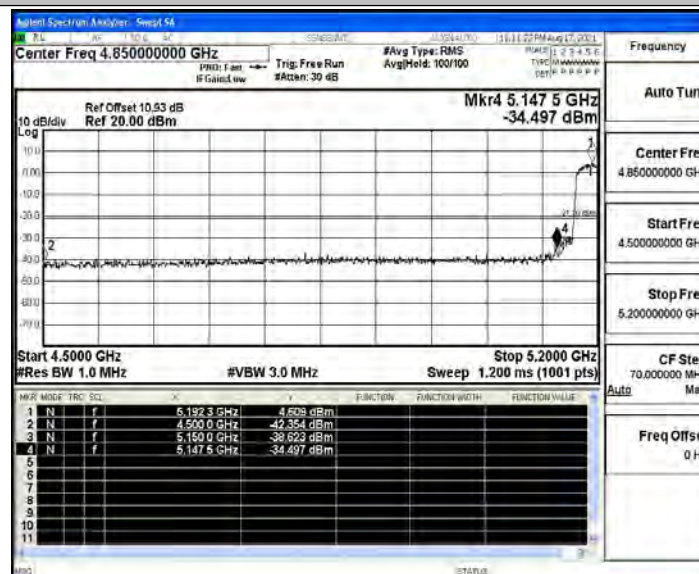
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11N40SISO_Ant1_Low_5190_AV

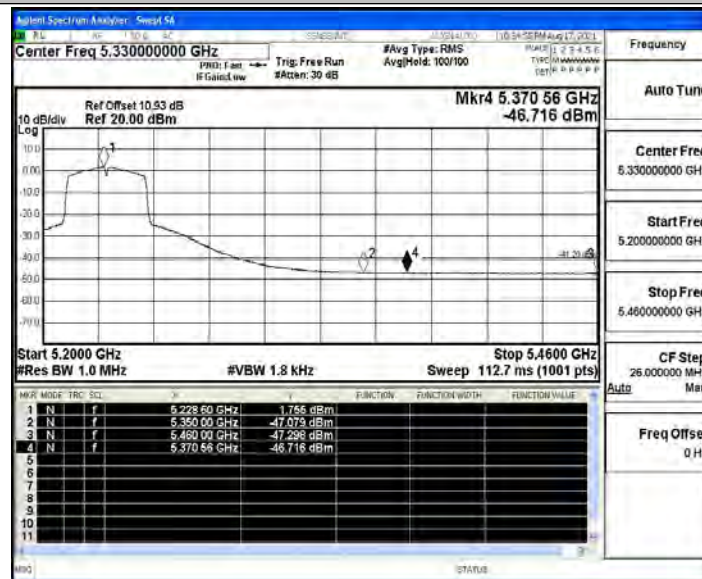


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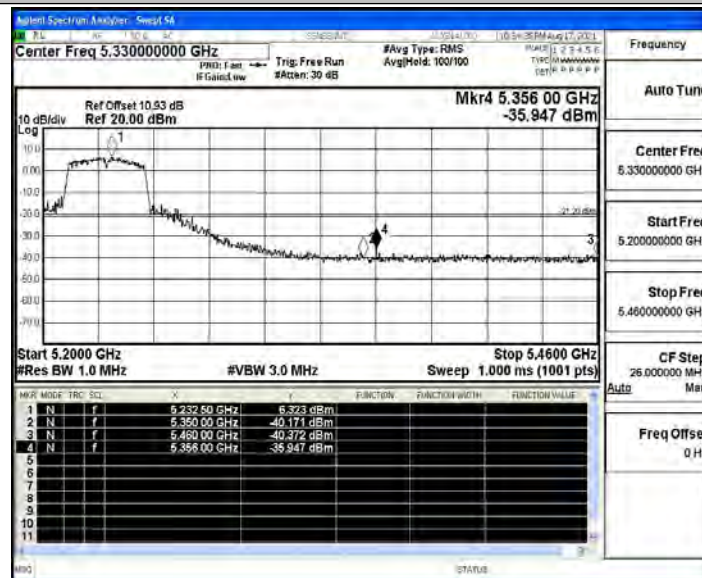




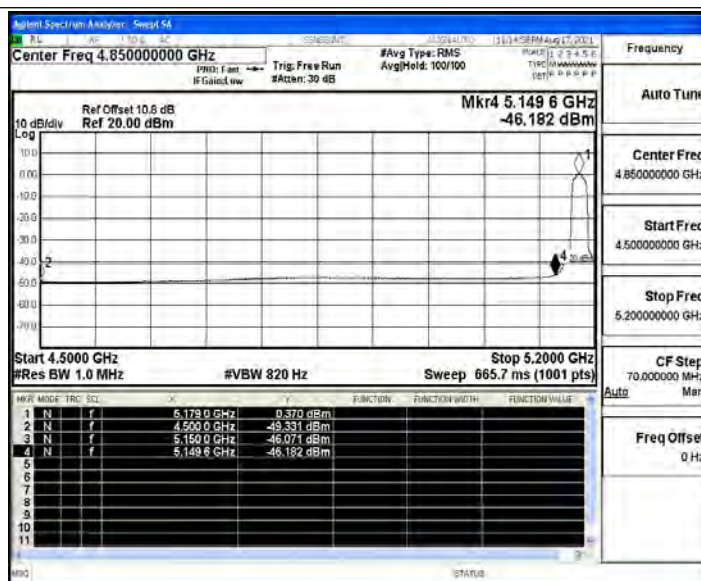
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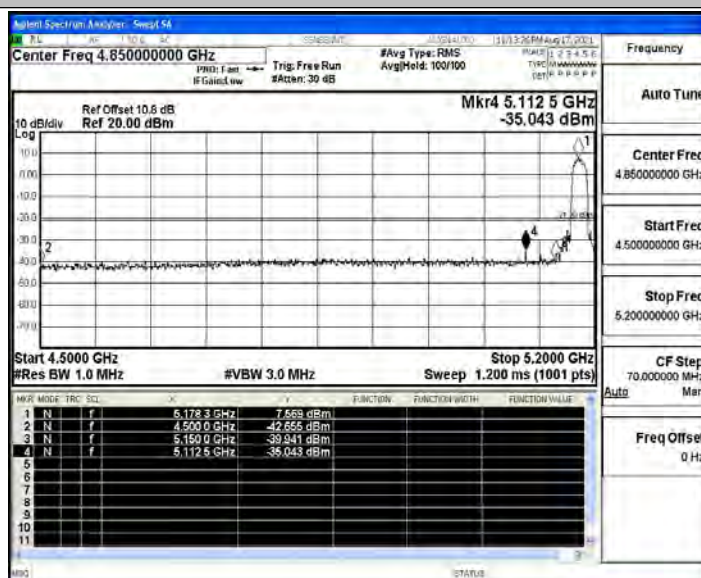
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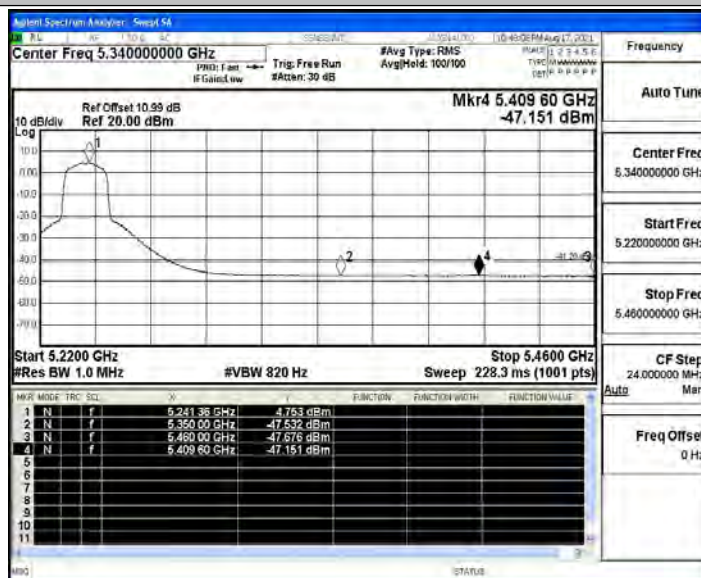
11AC20SISO_Ant1_Low_5180_AV



11AC20SISO Ant1 Low 5180 Peak

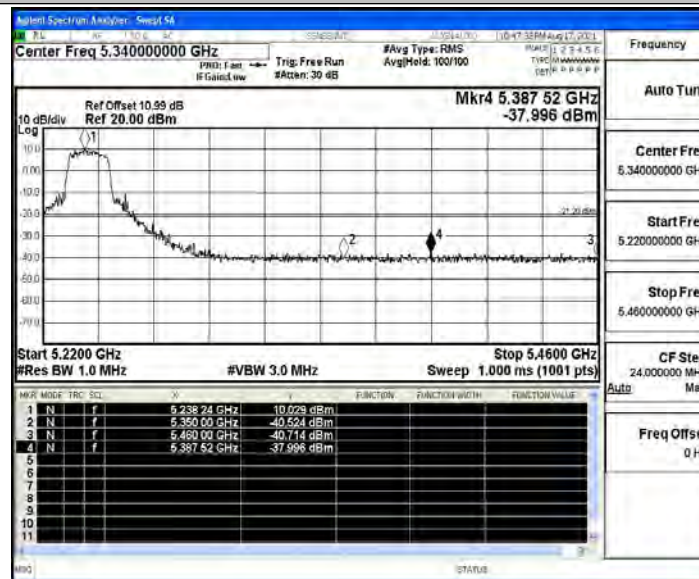


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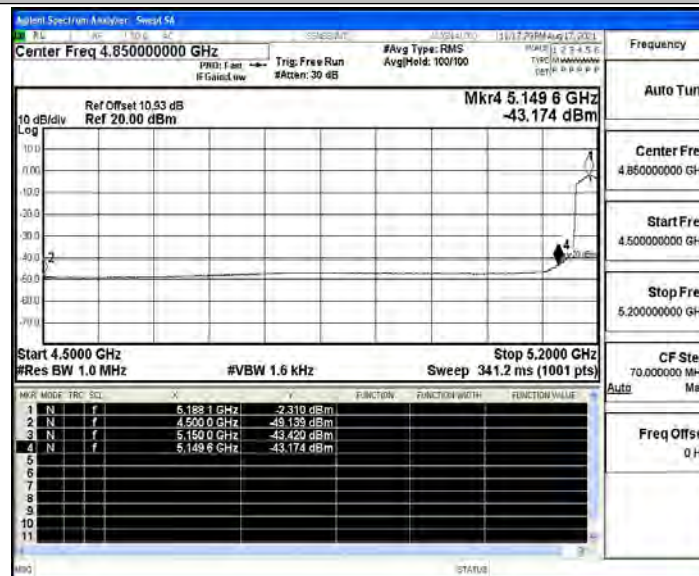




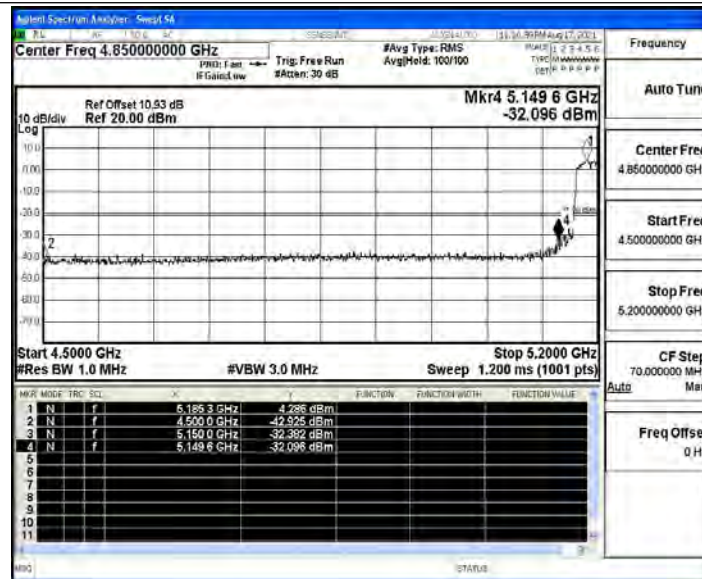
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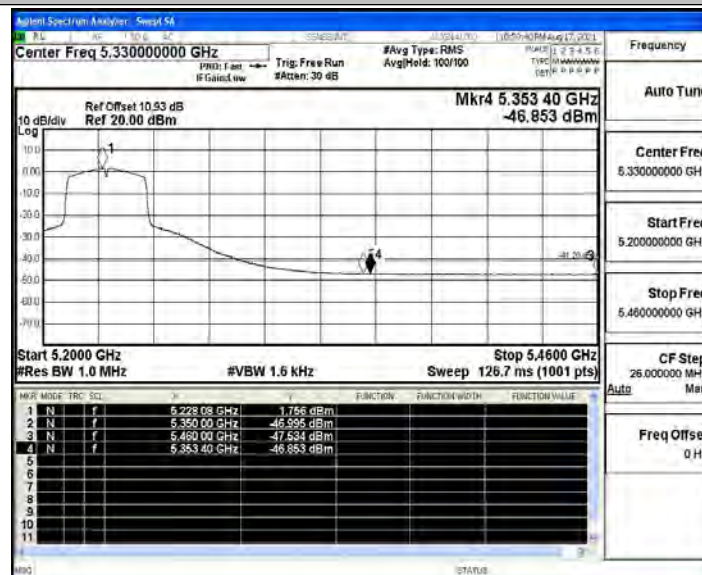
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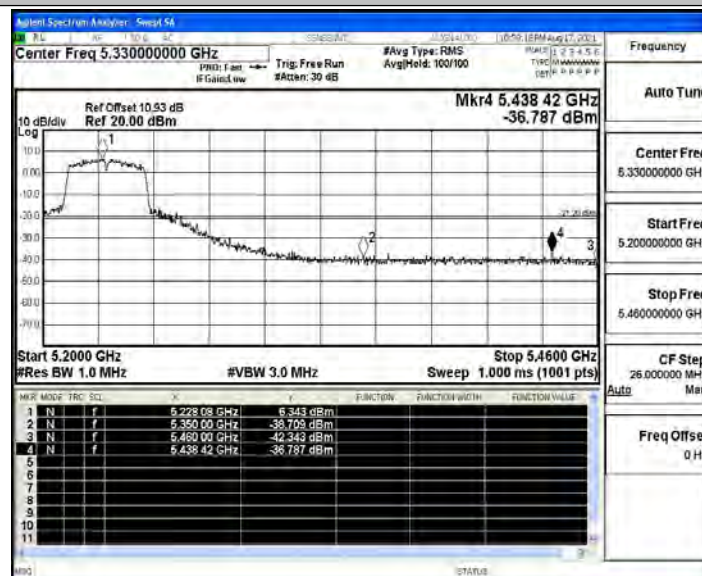
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11AC40SISO_Ant1_High_5230_AV

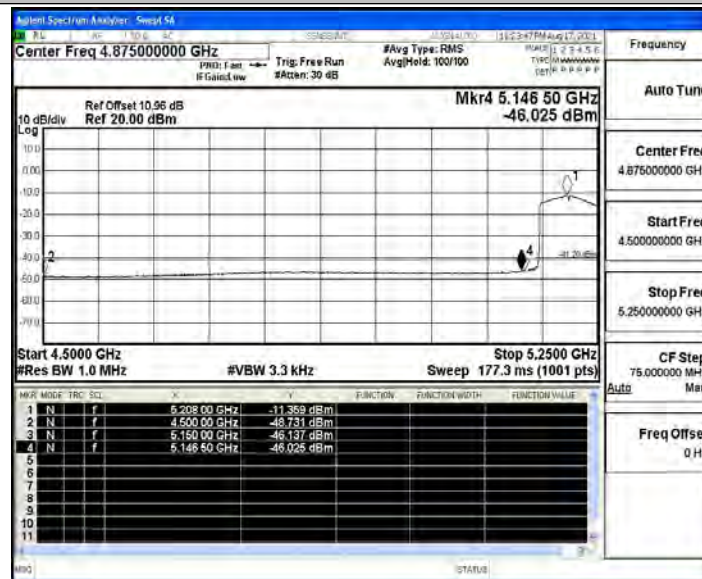


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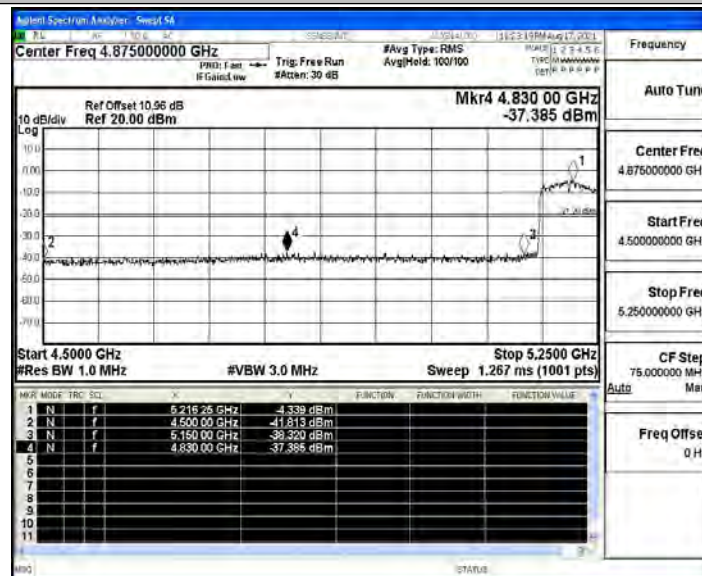




11AC80SISO_Ant1_Low_5210_AV



11AC80SISO_Ant1_Low_5210_Peak



11AC80SISO_Ant1_High_5210_AV

