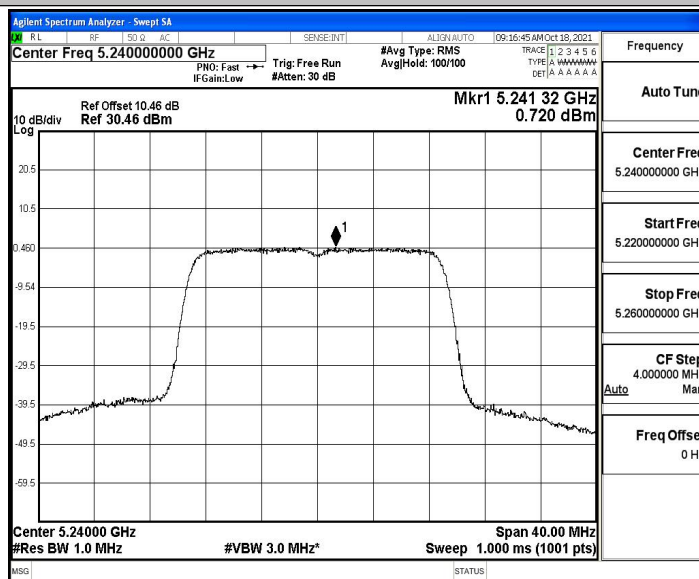
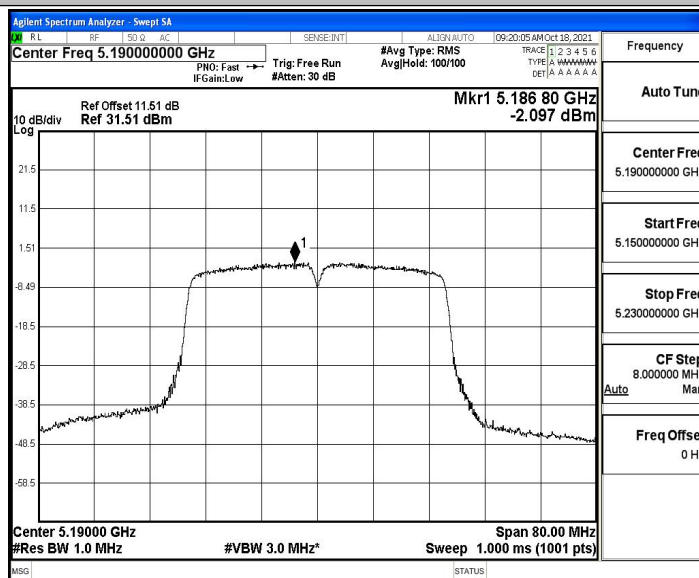




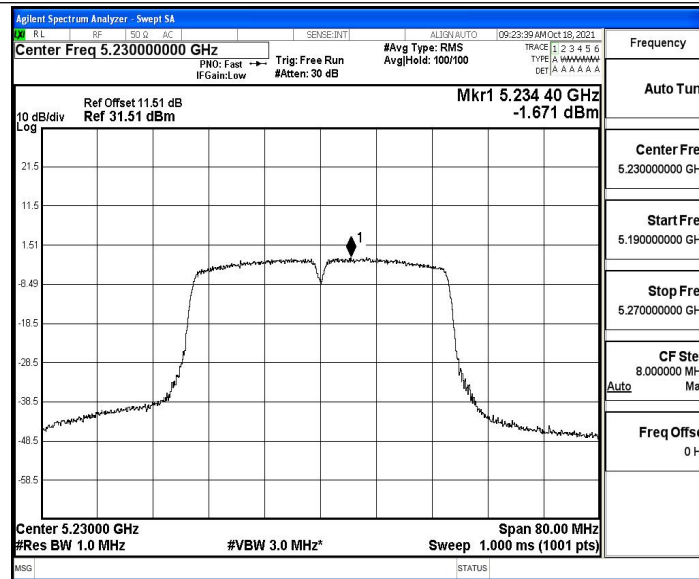
11N20SISO_Ant4_5240



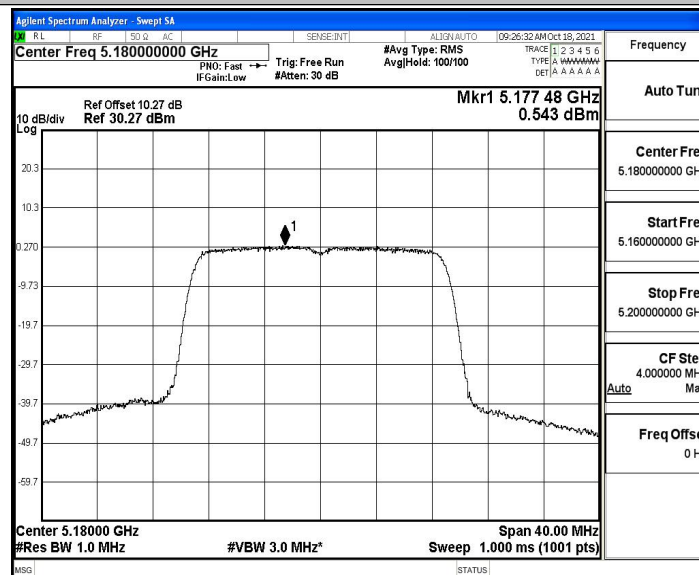
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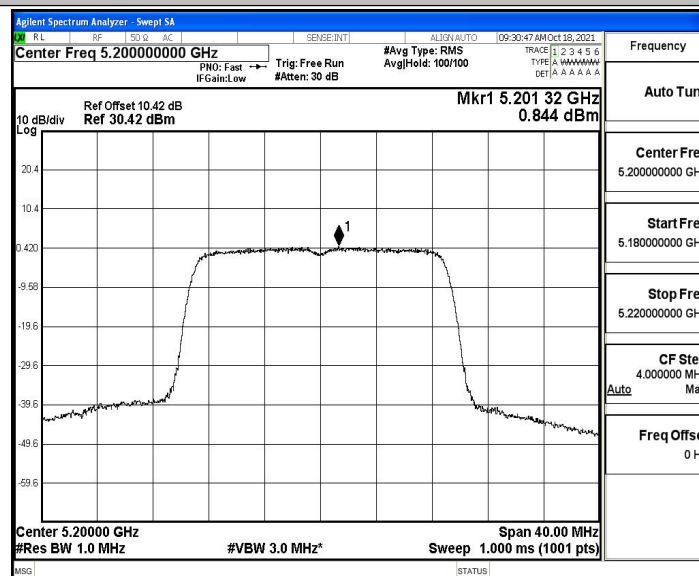
11N40SISO_Ant4_5230



11AC20SISO_Ant4_5180

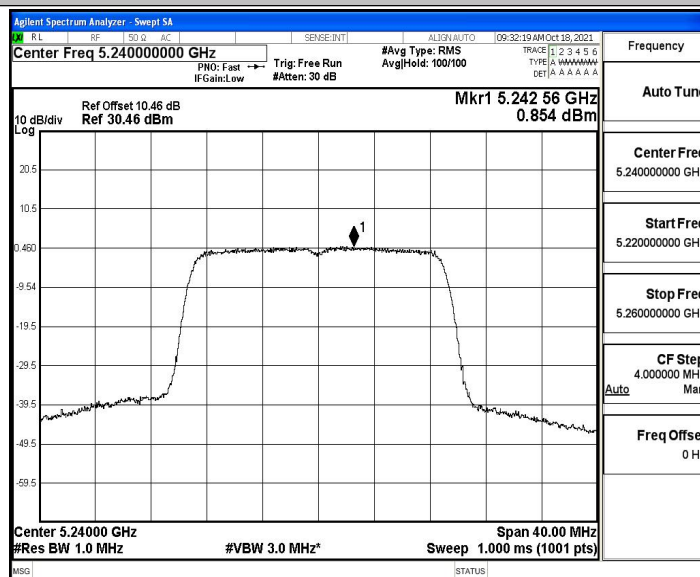


11AC20SISO_Ant4_5200

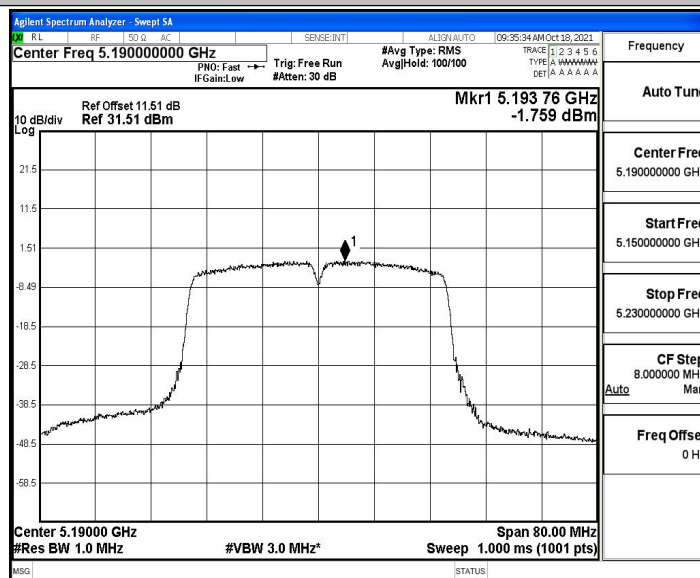




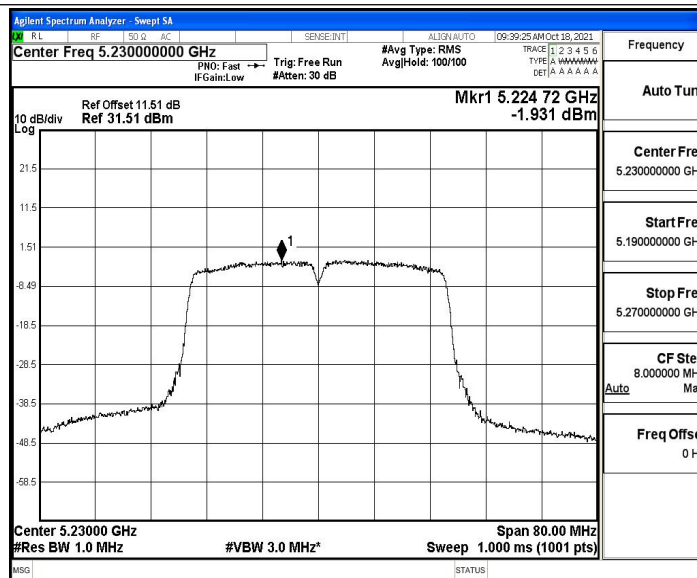
11AC20SISO_Ant4_5240



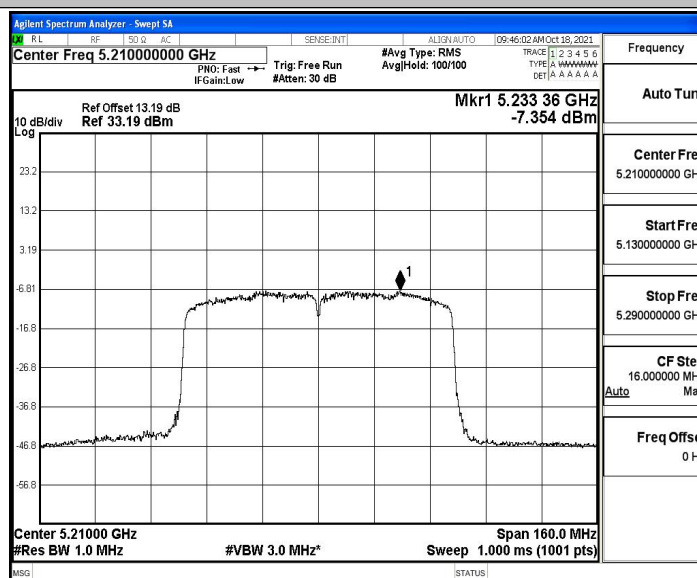
11AC40SISO_Ant4_5190



11AC40SISO_Ant4_5230



11AC80SISO_Ant4_5210





MIMO

Test Mode	Channel	Frequency (MHz)	ANT 1 Power Density (dBm /MHz)	ANT 2 Power Density (dBm /MHz)	ANT 3 Power Density (dBm /MHz)	ANT 4 Power Density (dBm /MHz)	MIMO Power Density (dBm /MHz)	Limit (dBm /MHz)	Verdict
11N20	36	5180	-0.19	0.49	-0.11	0.18	6.12	11	Pass
	40	5200	0.42	0.55	-0.22	1.18	3.50		Pass
	48	5240	0.57	0.5	0.32	0.72	3.55		Pass
11N40	38	5190	-3.11	-1.77	-2.16	-2.1	0.62	11	Pass
	46	5230	-2.34	-1.68	-1.88	-1.67	1.01		Pass
11AC20	36	5180	-1.68	0.56	-0.06	0.54	5.95	11	Pass
	40	5200	-1.34	1.15	0.19	0.84	3.09		Pass
	48	5240	-1.95	0.78	0.22	0.85	2.64		Pass
11AC40	38	5190	-4.23	-1.97	-2.24	-1.76	0.06	11	Pass
	46	5230	-1.67	-1.52	-2.04	-1.93	1.42		Pass
11AC80	42	5210	-4.98	-4.91	-4.36	-7.35	-1.93	11	Pass



B.4 Emissions in Restricted Bands

Test Result

ANT1

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	-49.34	≤-41.20	45.86	≤54	PASS
				AV	4835.300	-47.28	≤-41.20	47.92	≤54	PASS
				AV	5150.000	-47.71	≤-41.20	47.49	≤54	PASS
				Peak	4500.000	-44.13	≤-21.20	51.07	≤74	PASS
				Peak	4881.500	-37.81	≤-21.20	57.39	≤74	PASS
				Peak	5150.000	-40.56	≤-21.20	54.64	≤74	PASS
		High	5240	AV	5350.000	-47.2	≤-41.20	48.00	≤54	PASS
				AV	5379.840	-47.07	≤-41.20	48.13	≤54	PASS
				AV	5460.000	-47.68	≤-41.20	47.52	≤54	PASS
				Peak	5350.000	-40.15	≤-21.20	55.05	≤74	PASS
				Peak	5350.800	-38.43	≤-21.20	56.77	≤74	PASS
				Peak	5460.000	-40.84	≤-21.20	54.36	≤74	PASS
11N20SIS O	Ant1	Low	5180	AV	4500.000	-49.52	≤-41.20	45.68	≤54	PASS
				AV	4861.900	-47.37	≤-41.20	47.83	≤54	PASS
				AV	5150.000	-47.65	≤-41.20	47.55	≤54	PASS
				Peak	4500.000	-42.62	≤-21.20	52.58	≤74	PASS
				Peak	5051.600	-38.04	≤-21.20	57.16	≤74	PASS
				Peak	5150.000	-40.2	≤-21.20	55.00	≤74	PASS
		High	5240	AV	5350.000	-47.09	≤-41.20	48.11	≤54	PASS
				AV	5369.040	-46.86	≤-41.20	48.34	≤54	PASS
				AV	5460.000	-47.55	≤-41.20	47.65	≤54	PASS
				Peak	5350.000	-40.6	≤-21.20	54.60	≤74	PASS
				Peak	5431.680	-37.66	≤-21.20	57.54	≤74	PASS
				Peak	5460.000	-39.65	≤-21.20	55.55	≤74	PASS
11N40SIS O	Ant1	Low	5190	AV	4500.000	-49.08	≤-41.20	46.12	≤54	PASS
				AV	5149.600	-44.4	≤-41.20	50.80	≤54	PASS
				AV	5150.000	-43.83	≤-41.20	51.37	≤54	PASS
				Peak	4500.000	-42.81	≤-21.20	52.39	≤74	PASS
				Peak	5148.200	-36.7	≤-21.20	58.50	≤74	PASS
				Peak	5150.000	-36.79	≤-21.20	58.41	≤74	PASS
		High	5230	AV	5350.000	-46.9	≤-41.20	48.30	≤54	PASS
				AV	5370.300	-46.77	≤-41.20	48.43	≤54	PASS
				AV	5460.000	-46.98	≤-41.20	48.22	≤54	PASS
				Peak	5350.000	-40.78	≤-21.20	54.42	≤74	PASS
				Peak	5393.700	-37.97	≤-21.20	57.23	≤74	PASS
				Peak	5460.000	-41.2	≤-21.20	54.00	≤74	PASS



11AC20SI SO	Ant1	Low	5180	AV	4500.000	-49.48	≤-41.20	45.72	≤54	PASS
				AV	4838.100	-47.45	≤-41.20	47.75	≤54	PASS
				AV	5150.000	-47.8	≤-41.20	47.40	≤54	PASS
				Peak	4500.000	-43.34	≤-21.20	51.86	≤74	PASS
				Peak	5104.800	-38.11	≤-21.20	57.09	≤74	PASS
				Peak	5150.000	-41.88	≤-21.20	53.32	≤74	PASS
		High	5240	AV	5350.000	-47.18	≤-41.20	48.02	≤54	PASS
				AV	5367.600	-47.16	≤-41.20	48.04	≤54	PASS
				AV	5460.000	-47.75	≤-41.20	47.45	≤54	PASS
				Peak	5350.000	-39.03	≤-21.20	56.17	≤74	PASS
				Peak	5352.480	-37.43	≤-21.20	57.77	≤74	PASS
				Peak	5460.000	-39.84	≤-21.20	55.36	≤74	PASS
11AC40SI SO	Ant1	Low	5190	AV	4500.000	-49.2	≤-41.20	46.00	≤54	PASS
				AV	5149.600	-45.63	≤-41.20	49.57	≤54	PASS
				AV	5150.000	-45.45	≤-41.20	49.75	≤54	PASS
				Peak	4500.000	-41.93	≤-21.20	53.27	≤74	PASS
				Peak	5146.800	-36.36	≤-21.20	58.84	≤74	PASS
				Peak	5150.000	-39.15	≤-21.20	56.05	≤74	PASS
		High	5230	AV	5350.000	-47.41	≤-41.20	47.79	≤54	PASS
				AV	5459.220	-47.06	≤-41.20	48.14	≤54	PASS
				AV	5460.000	-47.37	≤-41.20	47.83	≤54	PASS
				Peak	5350.000	-41.25	≤-21.20	53.95	≤74	PASS
				Peak	5373.680	-37.43	≤-21.20	57.77	≤74	PASS
				Peak	5460.000	-39.54	≤-21.20	55.66	≤74	PASS
11AC80SI SO	Ant1	Low	5210	AV	4500.000	-48.56	≤-41.20	46.64	≤54	PASS
				AV	5149.500	-41.36	≤-41.20	53.84	≤54	PASS
				AV	5150.000	-42.05	≤-41.20	53.15	≤54	PASS
				Peak	4500.000	-41.87	≤-21.20	53.33	≤74	PASS
				Peak	5147.250	-34.17	≤-21.20	61.03	≤74	PASS
				Peak	5150.000	-35.34	≤-21.20	59.86	≤74	PASS
		High	5210	AV	5350.000	-47.37	≤-41.20	47.83	≤54	PASS
				AV	5417.720	-46.75	≤-41.20	48.45	≤54	PASS
				AV	5460.000	-47.44	≤-41.20	47.76	≤54	PASS
				Peak	5350.000	-40.79	≤-21.20	54.41	≤74	PASS
				Peak	5446.280	-38.24	≤-21.20	56.96	≤74	PASS
				Peak	5460.000	-40.13	≤-21.20	55.07	≤74	PASS

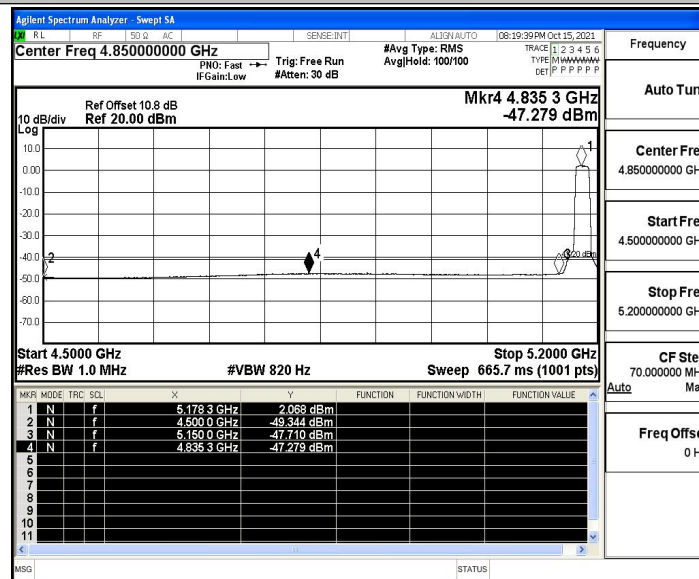
Note:

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.

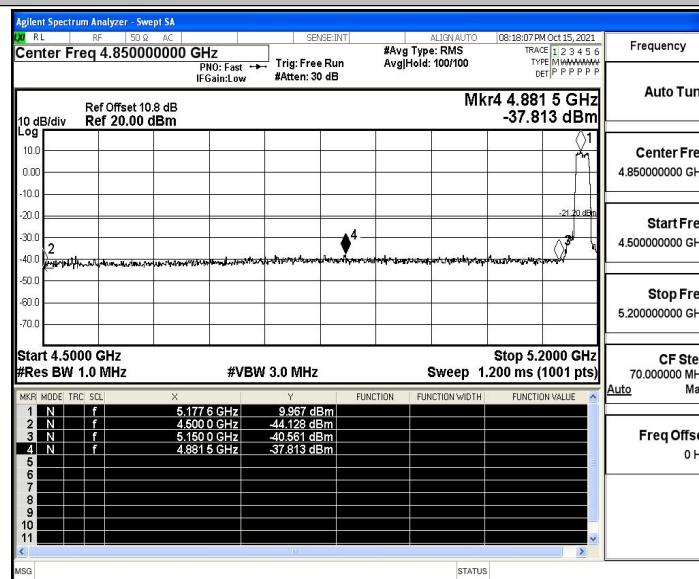


Test Graphs

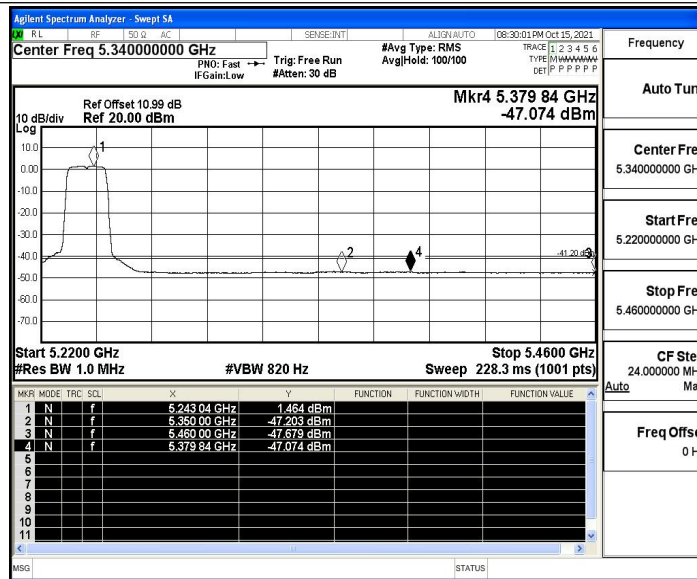
11A_Ant1_Low_5180_AV



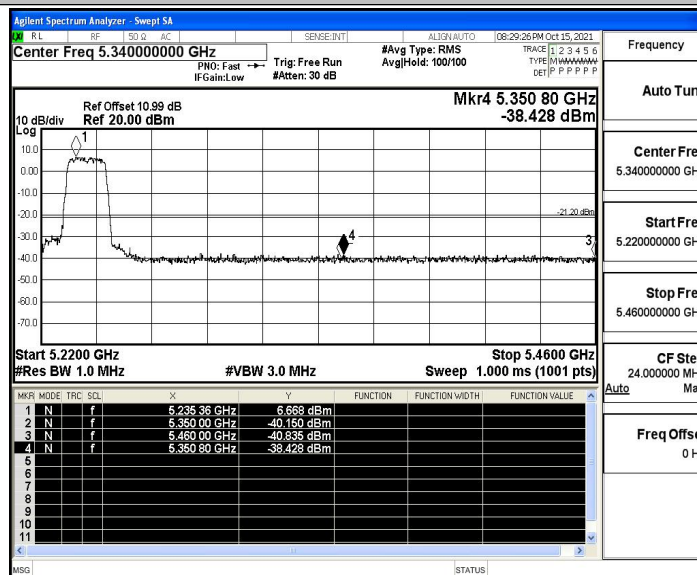
11A_Ant1_Low_5180_Peak



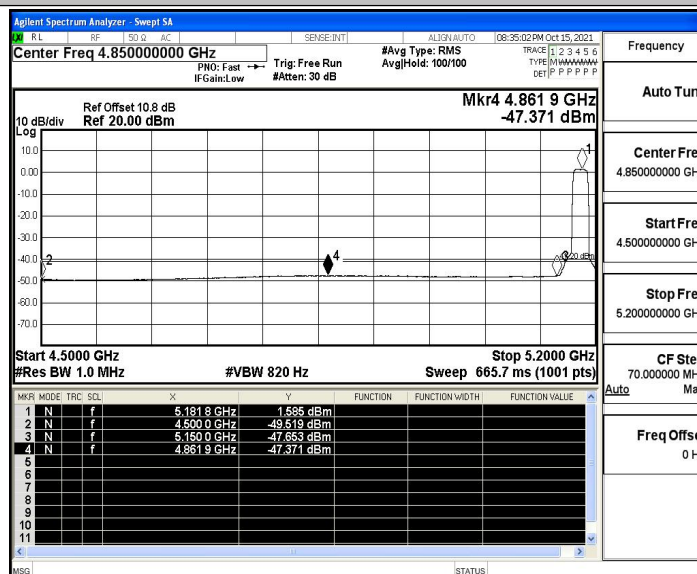
11A_Ant1_High_5240_AV



11A_Ant1_High_5240_Peak

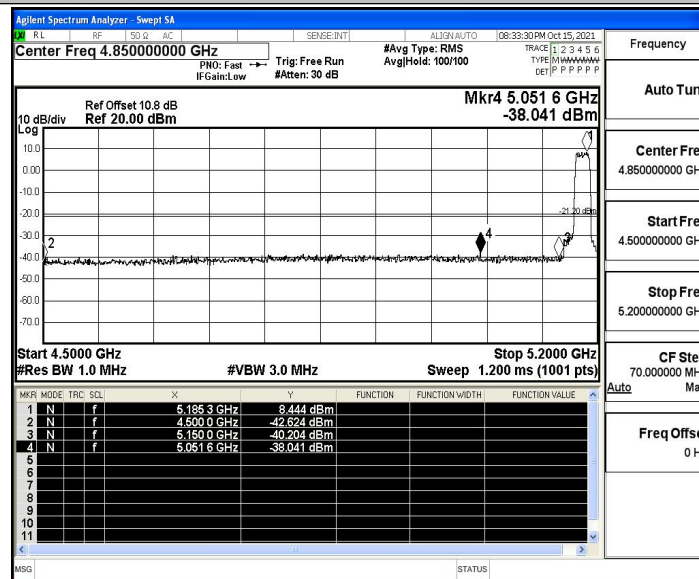


11N20SISO_Ant1_Low_5180_AV

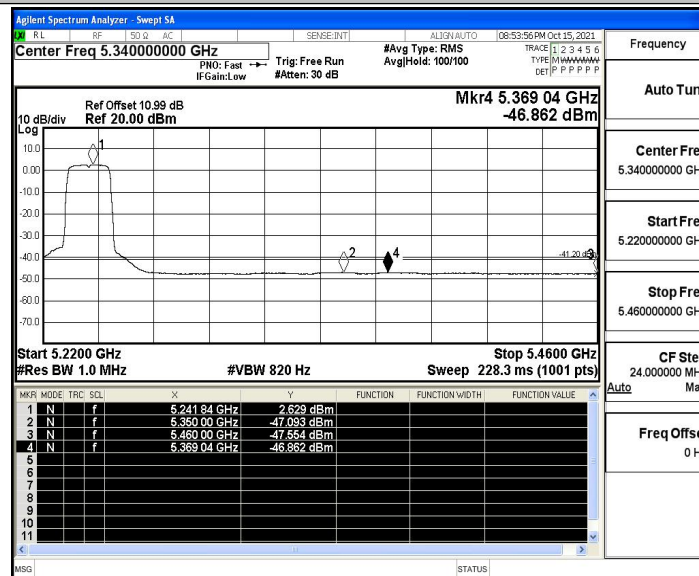




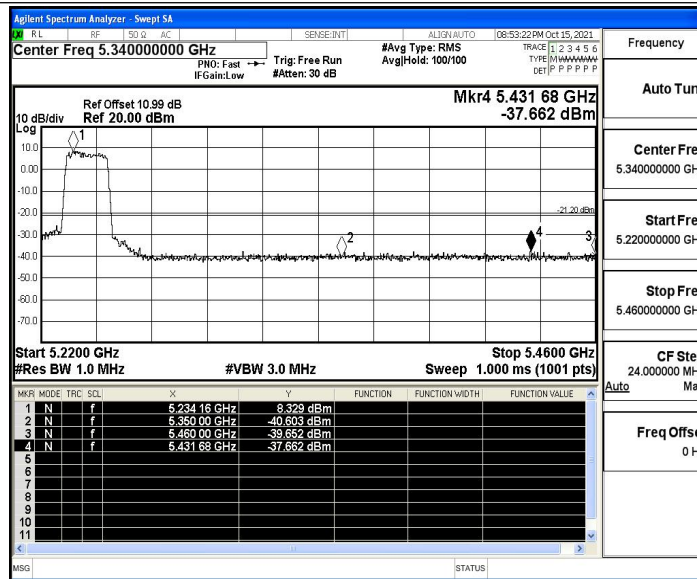
11N20SISO_Ant1_Low_5180_Peak



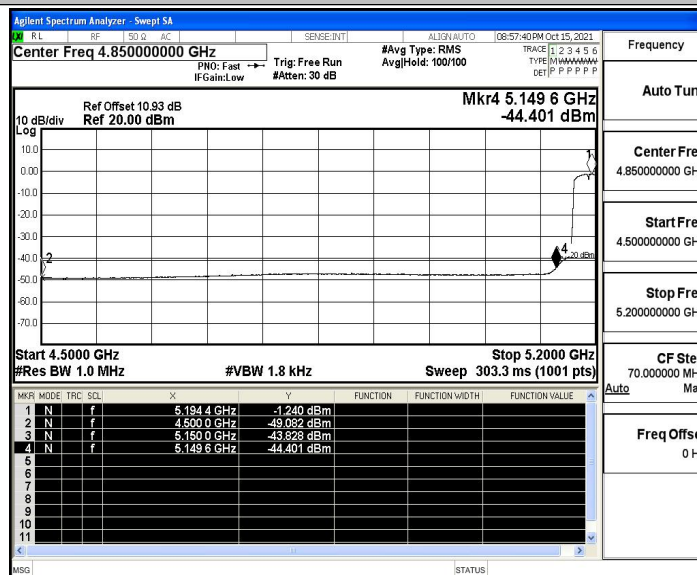
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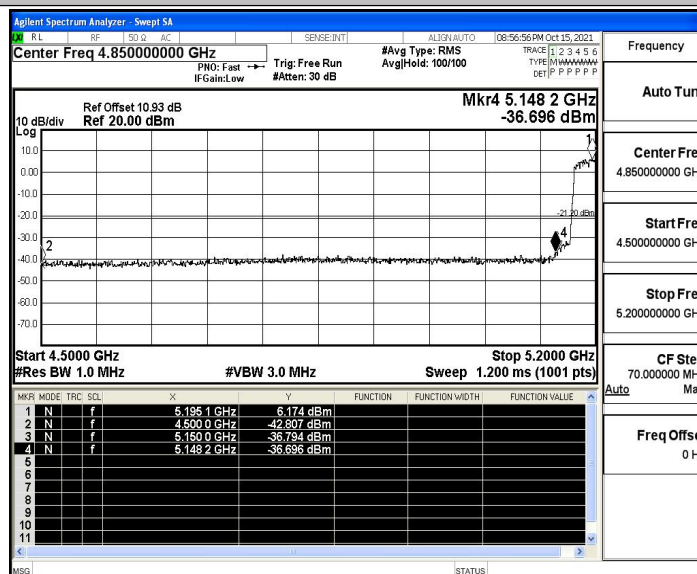
11N20SISO_Ant1_High_5240_Peak



11N40SISO_Ant1_Low_5190_AV

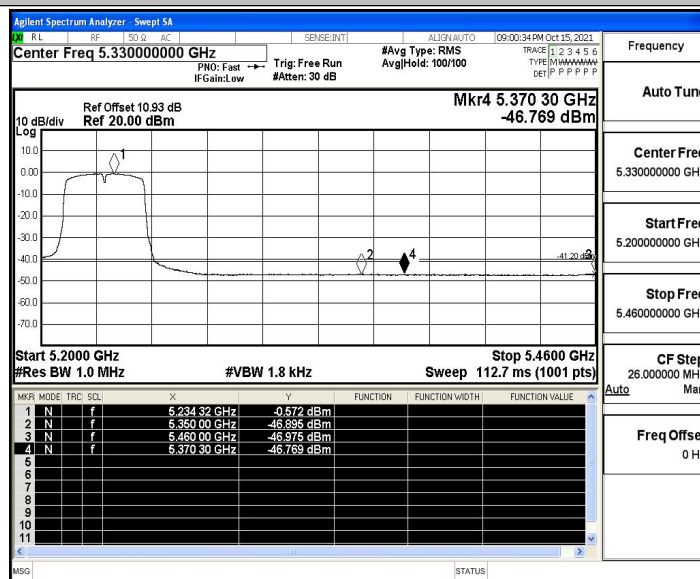


11N40SISO_Ant1_Low_5190_Peak

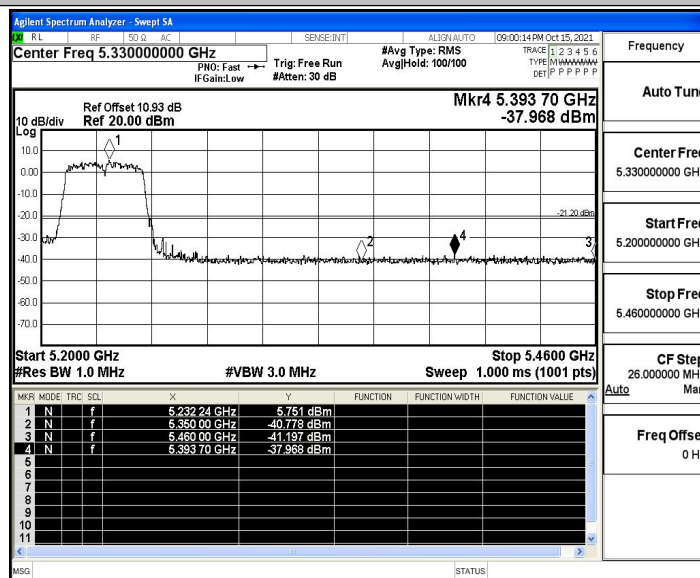




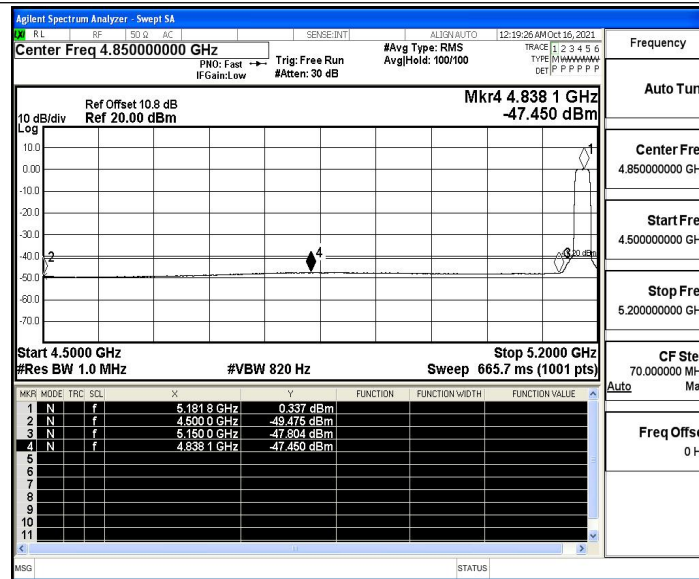
11N40SISO_Ant1_High_5230_AV



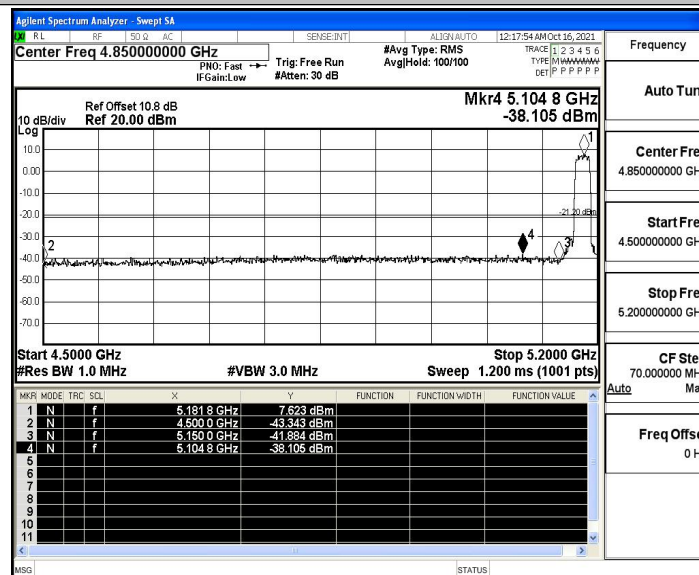
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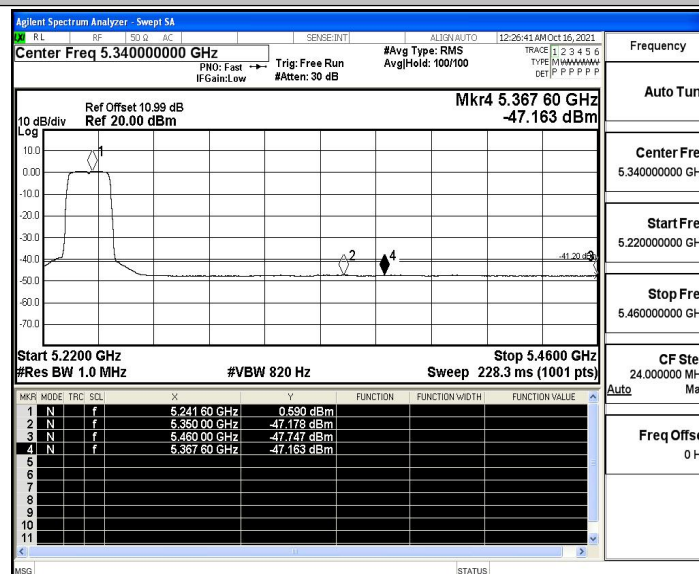
11AC20SISO_Ant1_Low_5180_AV



11AC20SISO_Ant1_Low_5180_Peak

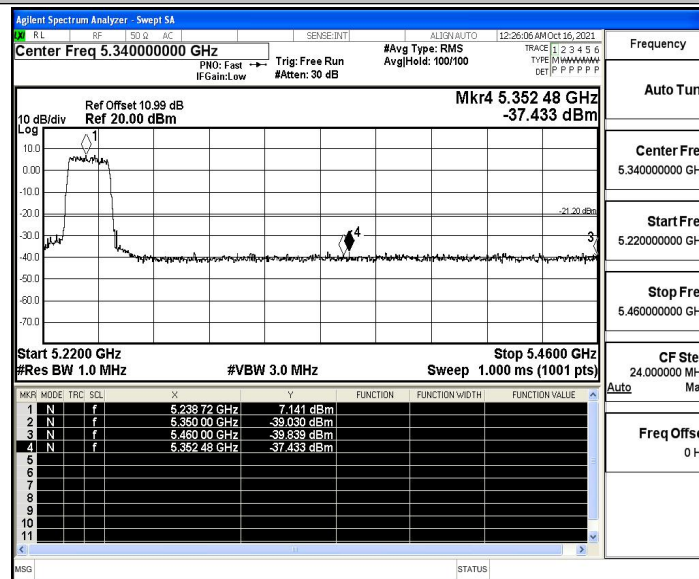


11AC20SISO_Ant1_High_5240_AV

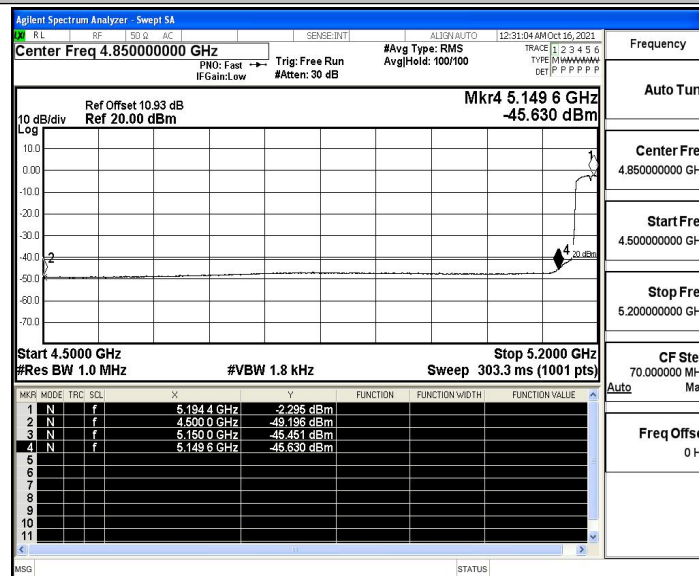




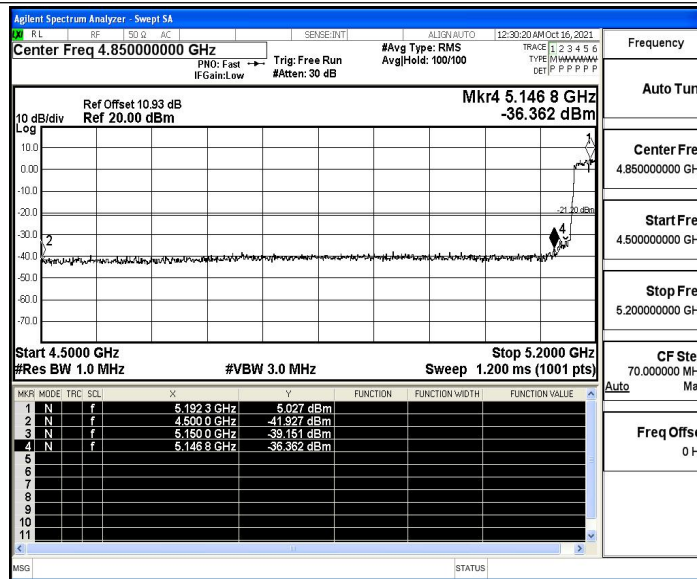
11AC20SISO_Ant1_High_5240_Peak



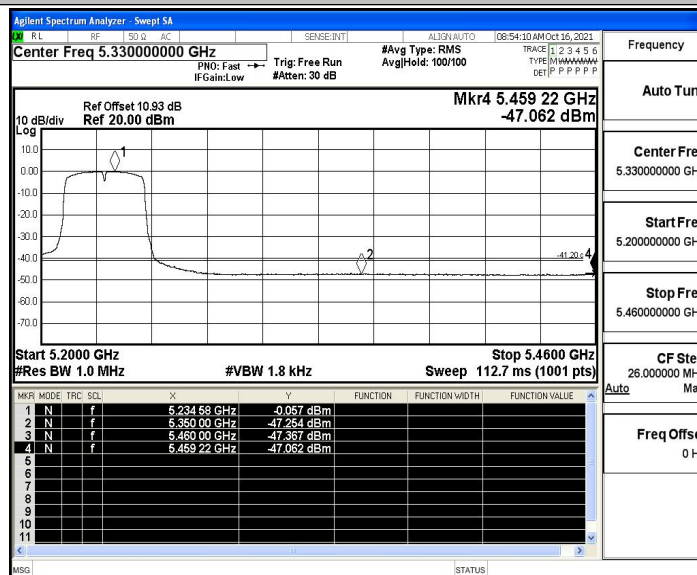
11AC40SISO_Ant1_Low_5190_AV



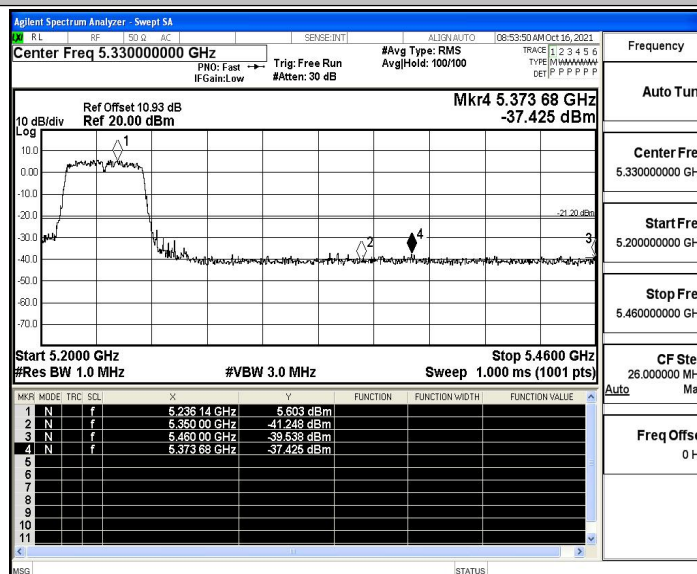
11AC40SISO_Ant1_Low_5190_Peak



11AC40SISO_Ant1_High_5230_AV

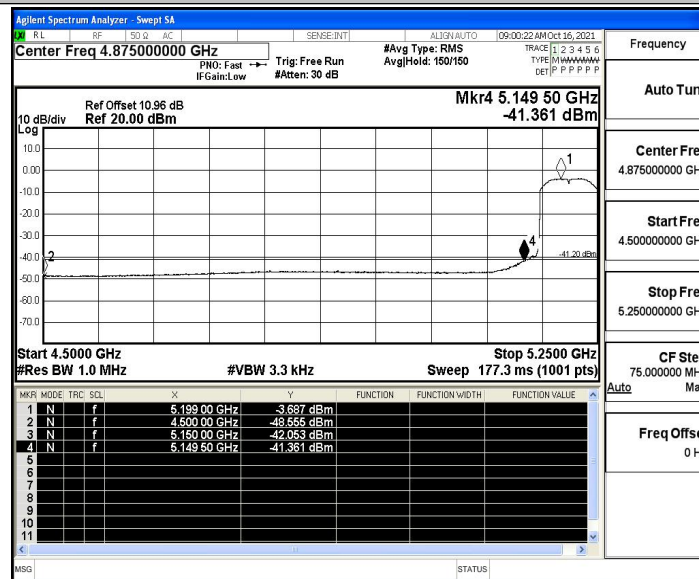


11AC40SISO_Ant1_High_5230_Peak

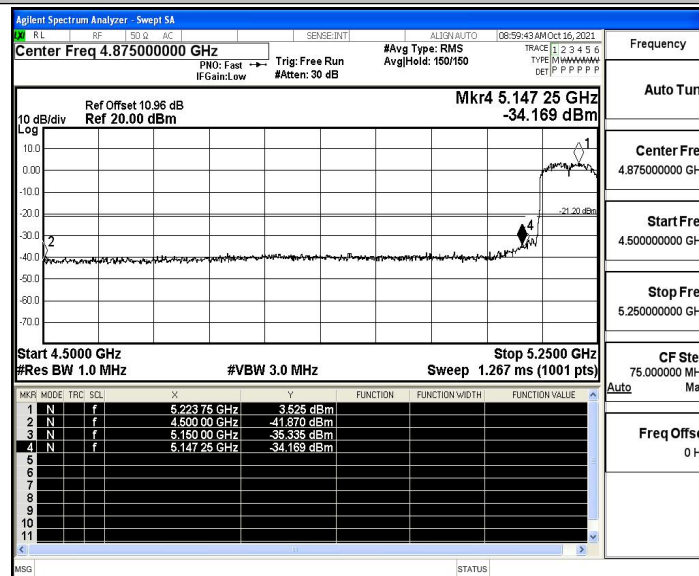




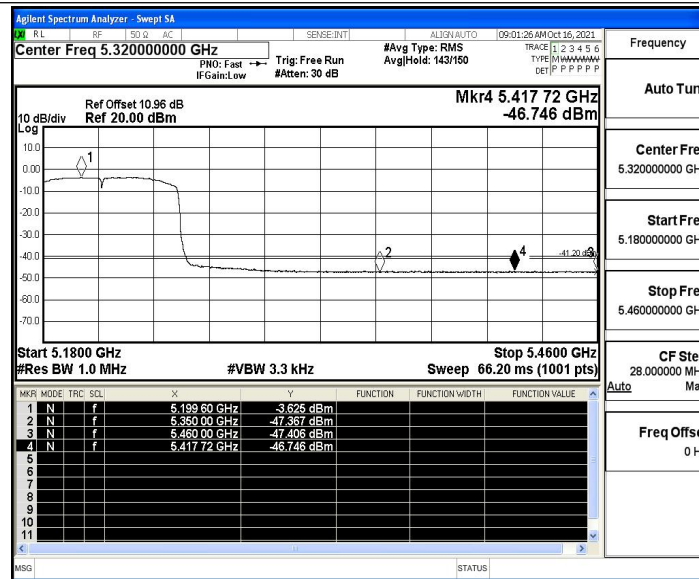
11AC80SISO_Ant1_Low_5210_AV



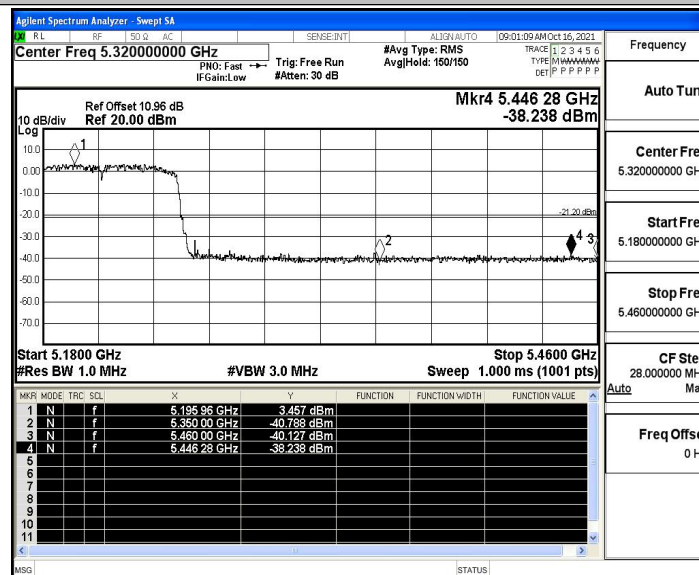
11AC80SISO_Ant1_Low_5210_Peak



11AC80SISO_Ant1_High_5210_AV



11AC80SISO_Ant1_High_5210_Peak





ANT2

TestMode	Antenna	ChName	Channel	Detector	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant2	Low	5180	AV	4500.000	-49.6	≤-41.20	45.60	≤54	PASS
				AV	4935.400	-47.43	≤-41.20	47.77	≤54	PASS
				AV	5150.000	-47.57	≤-41.20	47.63	≤54	PASS
				Peak	4500.000	-42.29	≤-21.20	52.91	≤74	PASS
				Peak	4922.100	-37.97	≤-21.20	57.23	≤74	PASS
				Peak	5150.000	-39.88	≤-21.20	55.32	≤74	PASS
		High	5240	AV	5350.000	-47.4	≤-41.20	47.80	≤54	PASS
				AV	5377.440	-47.27	≤-41.20	47.93	≤54	PASS
				AV	5460.000	-48.16	≤-41.20	47.04	≤54	PASS
				Peak	5350.000	-40.59	≤-21.20	54.61	≤74	PASS
				Peak	5432.160	-37.76	≤-21.20	57.44	≤74	PASS
				Peak	5460.000	-40.92	≤-21.20	54.28	≤74	PASS
11N20SIS O	Ant2	Low	5180	AV	4500.000	-49.37	≤-41.20	45.83	≤54	PASS
				AV	4827.600	-47.4	≤-41.20	47.80	≤54	PASS
				AV	5150.000	-47.45	≤-41.20	47.75	≤54	PASS
				Peak	4500.000	-42.69	≤-21.20	52.51	≤74	PASS
				Peak	4973.900	-36.76	≤-21.20	58.44	≤74	PASS
				Peak	5150.000	-41.23	≤-21.20	53.97	≤74	PASS
		High	5240	AV	5350.000	-47.5	≤-41.20	47.70	≤54	PASS
				AV	5352.960	-47.2	≤-41.20	48.00	≤54	PASS
				AV	5460.000	-48.06	≤-41.20	47.14	≤54	PASS
				Peak	5350.000	-41.94	≤-21.20	53.26	≤74	PASS
				Peak	5352.000	-38.1	≤-21.20	57.10	≤74	PASS
				Peak	5460.000	-41.21	≤-21.20	53.99	≤74	PASS
11N40SIS O	Ant2	Low	5190	AV	4500.000	-49.11	≤-41.20	46.09	≤54	PASS
				AV	5149.600	-42.74	≤-41.20	52.46	≤54	PASS
				AV	5150.000	-42.21	≤-41.20	52.99	≤54	PASS
				Peak	4500.000	-42.81	≤-21.20	52.39	≤74	PASS
				Peak	5148.200	-34.02	≤-21.20	61.18	≤74	PASS
				Peak	5150.000	-34.35	≤-21.20	60.85	≤74	PASS
		High	5230	AV	5350.000	-47.27	≤-41.20	47.93	≤54	PASS
				AV	5460.000	-47.03	≤-41.20	48.17	≤54	PASS
				Peak	5350.000	-40.1	≤-21.20	55.10	≤74	PASS
				Peak	5382.520	-38.29	≤-21.20	56.91	≤74	PASS
11AC20SI SO	Ant2	Low	5180	Peak	5460.000	-42.44	≤-21.20	52.76	≤74	PASS
				AV	4500.000	-49.58	≤-41.20	45.62	≤54	PASS
				AV	4859.800	-47.37	≤-41.20	47.83	≤54	PASS
				AV	5150.000	-47.47	≤-41.20	47.73	≤54	PASS
				Peak	4500.000	-42.24	≤-21.20	52.96	≤74	PASS
				Peak	5006.100	-38.08	≤-21.20	57.12	≤74	PASS



		High	5240	Peak	5150.000	-40.23	≤ -21.20	54.97	≤ 74	PASS
				AV	5350.000	-47.27	≤ -41.20	47.93	≤ 54	PASS
				AV	5351.520	-47.21	≤ -41.20	47.99	≤ 54	PASS
				AV	5460.000	-48.09	≤ -41.20	47.11	≤ 54	PASS
				Peak	5350.000	-40.61	≤ -21.20	54.59	≤ 74	PASS
				Peak	5353.680	-37.76	≤ -21.20	57.44	≤ 74	PASS
11AC40SI SO	Ant2	Low	5190	Peak	5460.000	-40.24	≤ -21.20	54.96	≤ 74	PASS
				AV	4500.000	-49.02	≤ -41.20	46.18	≤ 54	PASS
				AV	5149.600	-42.79	≤ -41.20	52.41	≤ 54	PASS
				AV	5150.000	-42.4	≤ -41.20	52.80	≤ 54	PASS
				Peak	4500.000	-42.6	≤ -21.20	52.60	≤ 74	PASS
				Peak	5146.100	-35.22	≤ -21.20	59.98	≤ 74	PASS
		High	5230	Peak	5150.000	-34.29	≤ -21.20	60.91	≤ 74	PASS
				AV	5350.000	-47.32	≤ -41.20	47.88	≤ 54	PASS
				AV	5458.960	-46.96	≤ -41.20	48.24	≤ 54	PASS
				AV	5460.000	-47.21	≤ -41.20	47.99	≤ 54	PASS
				Peak	5350.000	-40.5	≤ -21.20	54.70	≤ 74	PASS
				Peak	5429.060	-37.27	≤ -21.20	57.93	≤ 74	PASS
11AC80SI SO	Ant2	Low	5210	Peak	5460.000	-40.05	≤ -21.20	55.15	≤ 74	PASS
				AV	4500.000	-48.55	≤ -41.20	46.65	≤ 54	PASS
				AV	5149.500	-41.5	≤ -41.20	53.70	≤ 54	PASS
				AV	5150.000	-42.05	≤ -41.20	53.15	≤ 54	PASS
				Peak	4500.000	-42.69	≤ -21.20	52.51	≤ 74	PASS
				Peak	5149.500	-34.58	≤ -21.20	60.62	≤ 74	PASS
		High	5210	Peak	5150.000	-35.61	≤ -21.20	59.59	≤ 74	PASS
				AV	5350.000	-47.11	≤ -41.20	48.09	≤ 54	PASS
				AV	5398.120	-46.53	≤ -41.20	48.67	≤ 54	PASS
				AV	5460.000	-47.12	≤ -41.20	48.08	≤ 54	PASS
				Peak	5350.000	-40.44	≤ -21.20	54.76	≤ 74	PASS
				Peak	5357.240	-37.55	≤ -21.20	57.65	≤ 74	PASS
				Peak	5460.000	-38.59	≤ -21.20	56.61	≤ 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.