

APPENDIX2

1.1 APPENDIX:EMISSIONBANDWIDTH

Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	18.520	5170.720	5189.240	---	PASS
		5200	18.600	5190.640	5209.240	---	PASS
		5240	18.680	5230.600	5249.280	---	PASS
11N20SISO	Ant1	5180	19.480	5170.240	5189.720	---	PASS
		5200	19.440	5190.200	5209.640	---	PASS
		5240	19.440	5230.240	5249.680	---	PASS
11N40SISO	Ant1	5190	41.200	5169.440	5210.640	---	PASS
		5230	41.200	5209.200	5250.400	---	PASS
11AC20SISO	Ant1	5180	19.600	5170.120	5189.720	---	PASS
		5200	19.640	5190.080	5209.720	---	PASS
		5240	19.200	5230.360	5249.560	---	PASS
11AC40SISO	Ant1	5190	40.960	5169.360	5210.320	---	PASS
		5230	41.120	5209.280	5250.400	---	PASS
11AC80SISO	Ant1	5210	81.760	5169.040	5250.800	---	PASS

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5180	18.560	5170.600	5189.160	---	PASS
		5200	18.760	5190.600	5209.360	---	PASS
		5240	18.560	5230.680	5249.240	---	PASS
11N20SISO	Ant2	5180	19.520	5170.160	5189.680	---	PASS
		5200	19.520	5190.200	5209.720	---	PASS
		5240	19.640	5230.160	5249.800	---	PASS
11N40SISO	Ant2	5190	41.680	5169.120	5210.800	---	PASS
		5230	40.960	5209.440	5250.400	---	PASS
11AC20SISO	Ant2	5180	19.520	5170.280	5189.800	---	PASS
		5200	19.520	5190.200	5209.720	---	PASS
		5240	19.600	5230.160	5249.760	---	PASS
11AC40SISO	Ant2	5190	41.360	5169.120	5210.480	---	PASS
		5230	40.720	5209.600	5250.320	---	PASS
11AC80SISO	Ant2	5210	82.240	5168.880	5251.120	---	PASS

Test Graphs

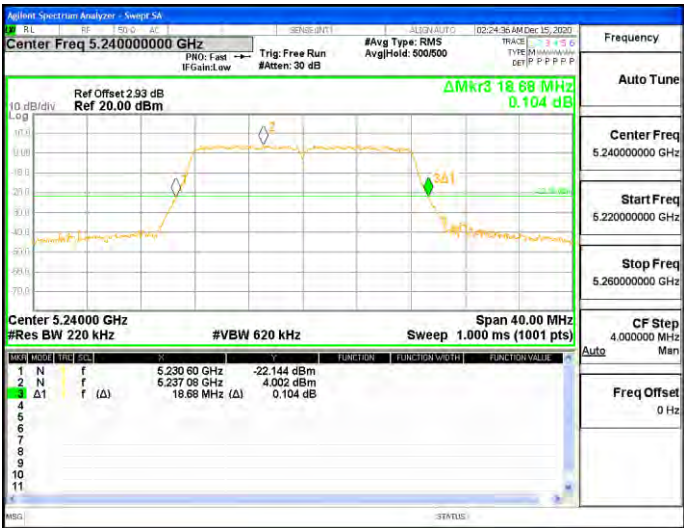
11A_Ant1_5180



11A_Ant1_5200



11A_Ant1_5240



11N20SISO_Ant1_5180



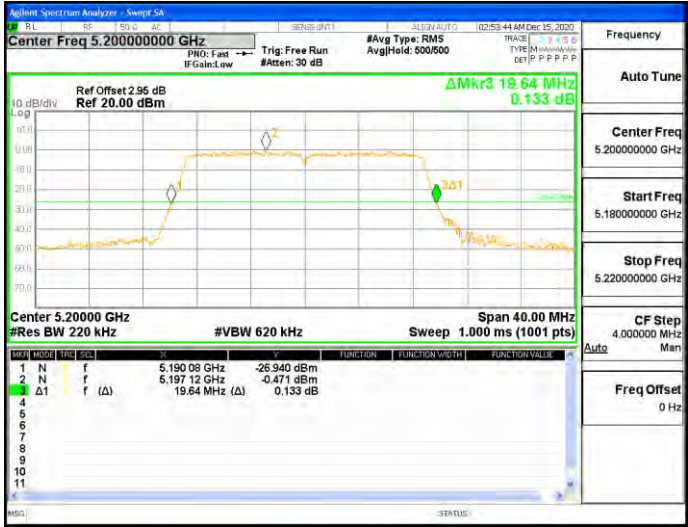
11N20SISO_Ant1_5200



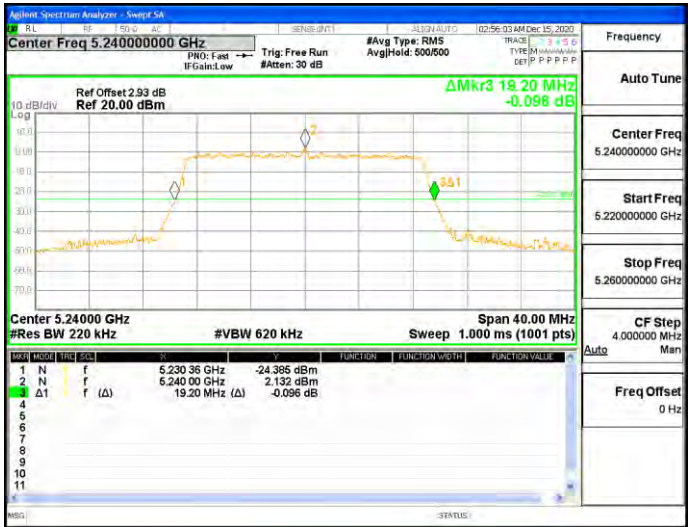
11N20SISO_Ant1_5240



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210



Test Graphs

11B_Ant2_5180



11B_Ant2_5200



11B_Ant2_5240



11N20SISO_Ant2_5180



11N20SISO_Ant2_5200



11N20SISO_Ant2_5240



11N40SISO_Ant2_5190



11N40SISO_Ant2_5230



11AC20SISO_Ant2_5180



11AC20SISO_Ant2_5200



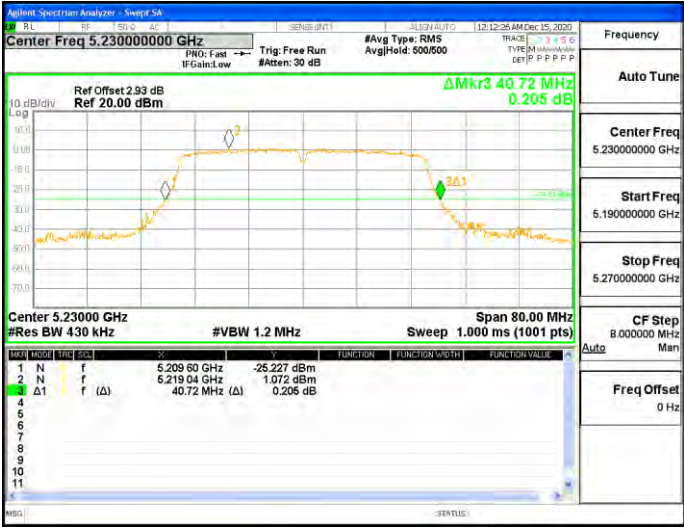
11AC20SISO_Ant2_5240



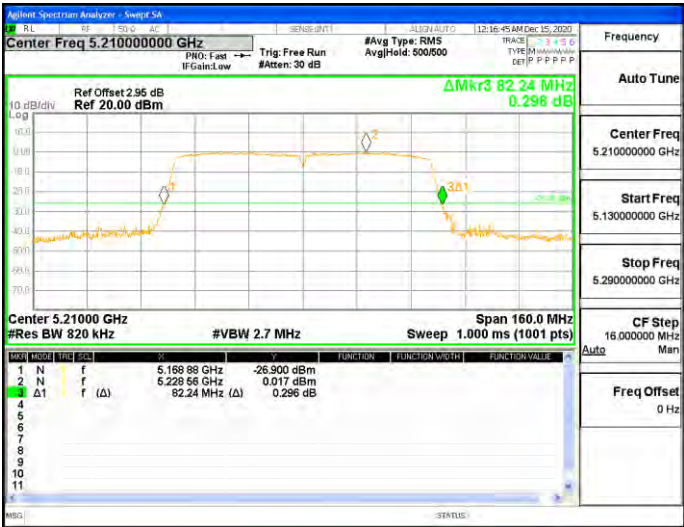
11AC40SISO_Ant2_5190



11AC40SISO_Ant2_5230



11AC80SISO_Ant2_5210



1.2 APPENDIX:OCCUPIED CHANNEL BANDWIDTH

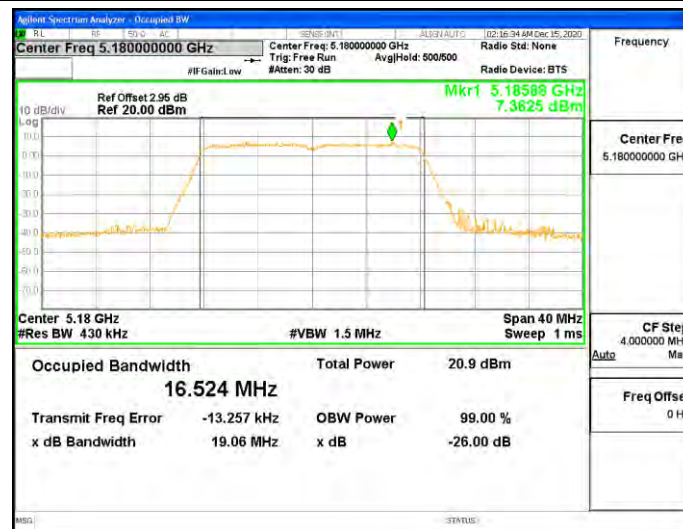
Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.524	5171.725	5188.249	---	PASS
		5200	16.485	5191.726	5208.211	---	PASS
		5240	16.529	5231.698	5248.227	---	PASS
11N20SISO	Ant1	5180	17.650	5171.151	5188.801	---	PASS
		5200	17.691	5191.120	5208.811	---	PASS
		5240	17.673	5231.121	5248.794	---	PASS
11N40SISO	Ant1	5190	36.346	5171.854	5208.200	---	PASS
		5230	36.274	5211.823	5248.097	---	PASS
11AC20SISO	Ant1	5180	17.638	5171.161	5188.799	---	PASS
		5200	17.681	5191.130	5208.811	---	PASS
		5240	17.665	5231.132	5248.797	---	PASS
11AC40SISO	Ant1	5190	36.430	5171.768	5208.198	---	PASS
		5230	36.296	5211.861	5248.157	---	PASS
11AC80SISO	Ant1	5210	75.273	5172.299	5247.572	---	PASS

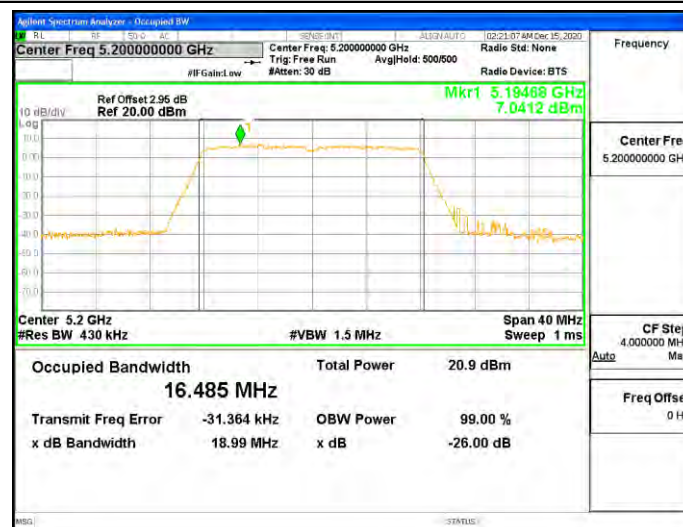
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5180	16.51	5171.718	5188.228	---	PASS
		5200	16.549	5191.719	5208.268	---	PASS
		5240	16.528	5231.705	5248.233	---	PASS
11N20SISO	Ant2	5180	17.66	5171.163	5188.823	---	PASS
		5200	17.678	5191.13	5208.808	---	PASS
		5240	17.662	5231.131	5248.793	---	PASS
11N40SISO	Ant2	5190	36.526	5171.729	5208.255	---	PASS
		5230	36.345	5211.797	5248.142	---	PASS
11AC20SISO	Ant2	5180	17.662	5171.154	5188.816	---	PASS
		5200	17.648	5191.148	5208.796	---	PASS
		5240	17.642	5231.14	5248.782	---	PASS
11AC40SISO	Ant2	5190	36.314	5171.799	5208.113	---	PASS
		5230	36.22	5211.837	5248.057	---	PASS
11AC80SISO	Ant2	5210	75.519	5172.176	5247.695	---	PASS

Test Graphs

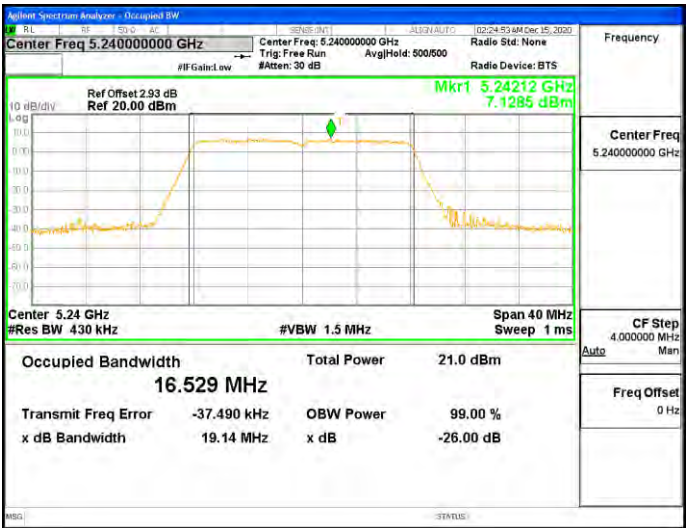
11A_Ant1_5180



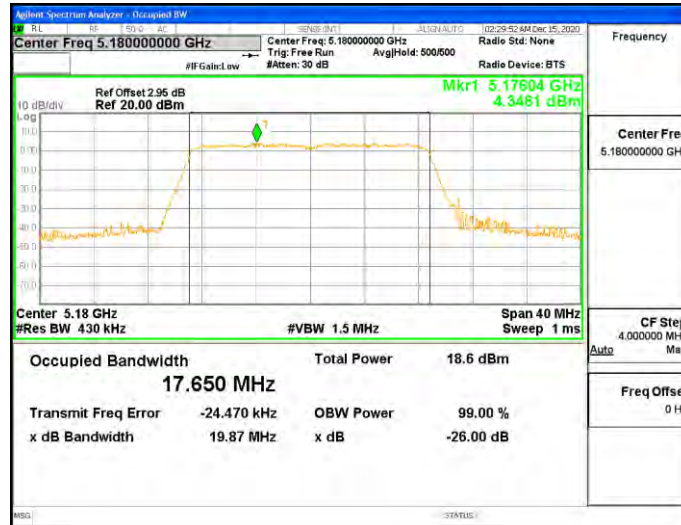
11A_Ant1_5200



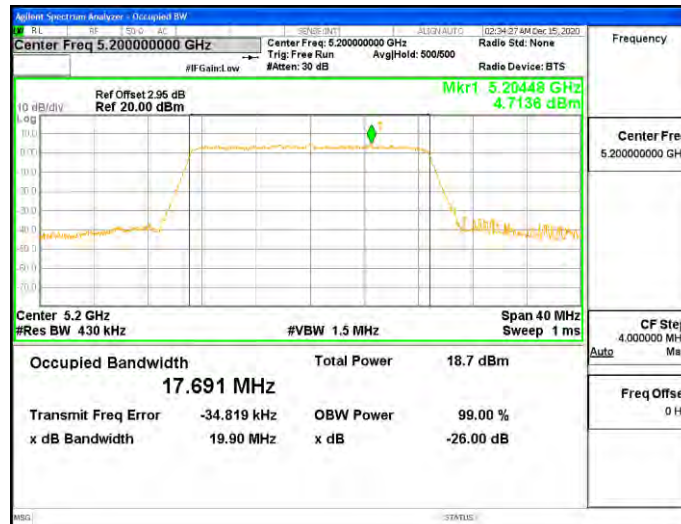
11A_Ant1_5240



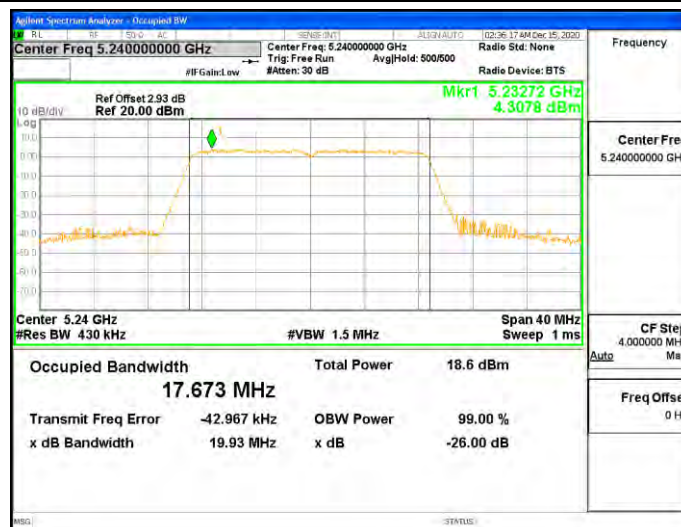
11N20SISO_Ant1_5180



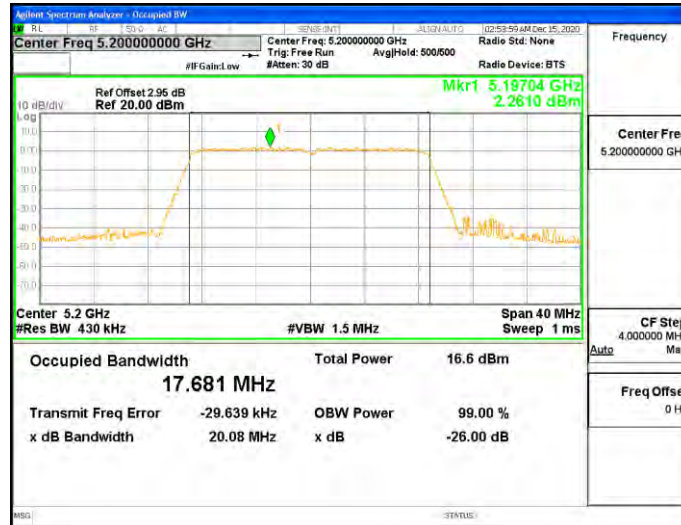
11N20SISO_Ant1_5200



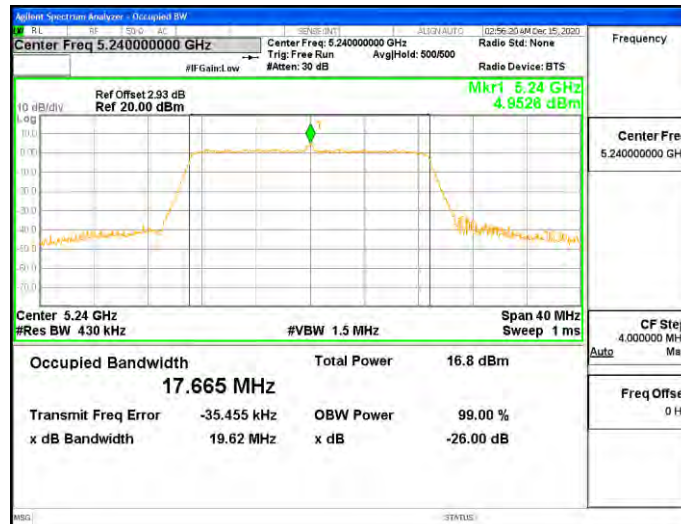
11N20SISO_Ant1_5240



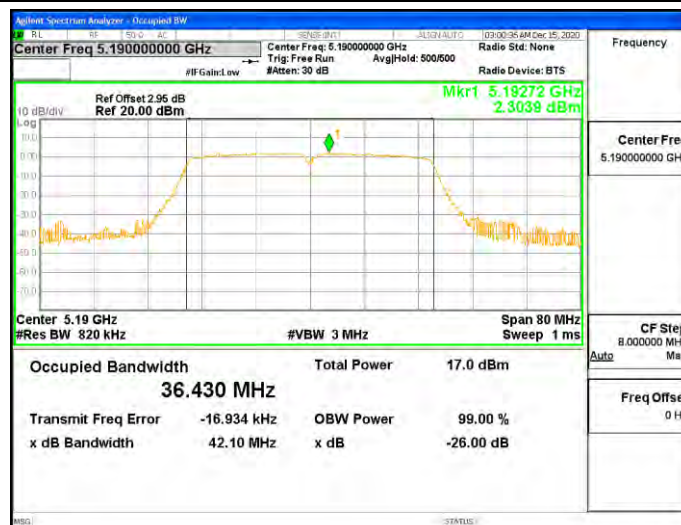
11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



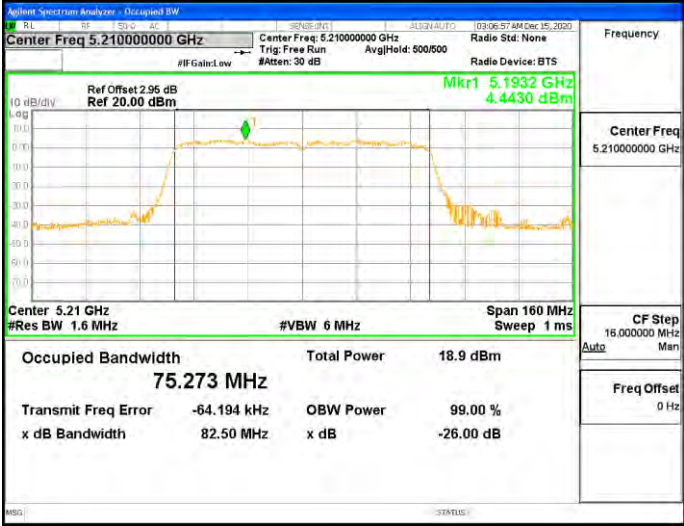
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230

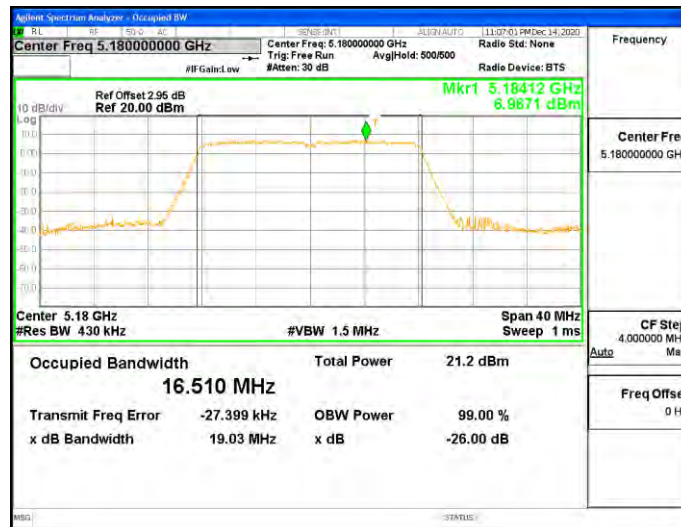


11AC80SISO_Ant1_5210

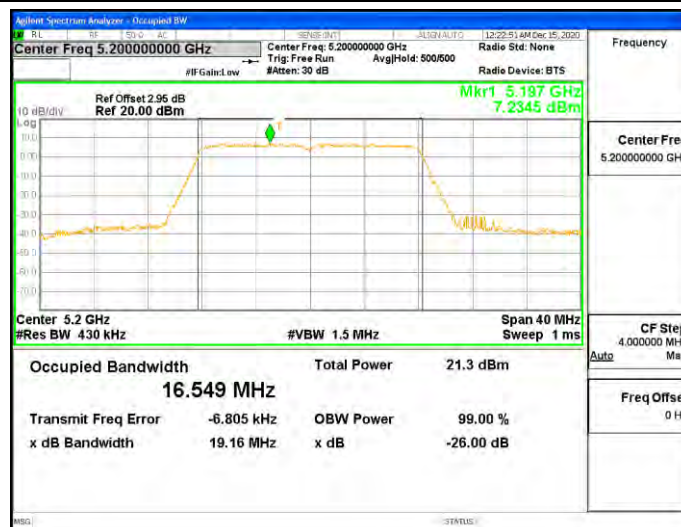


Test Graphs

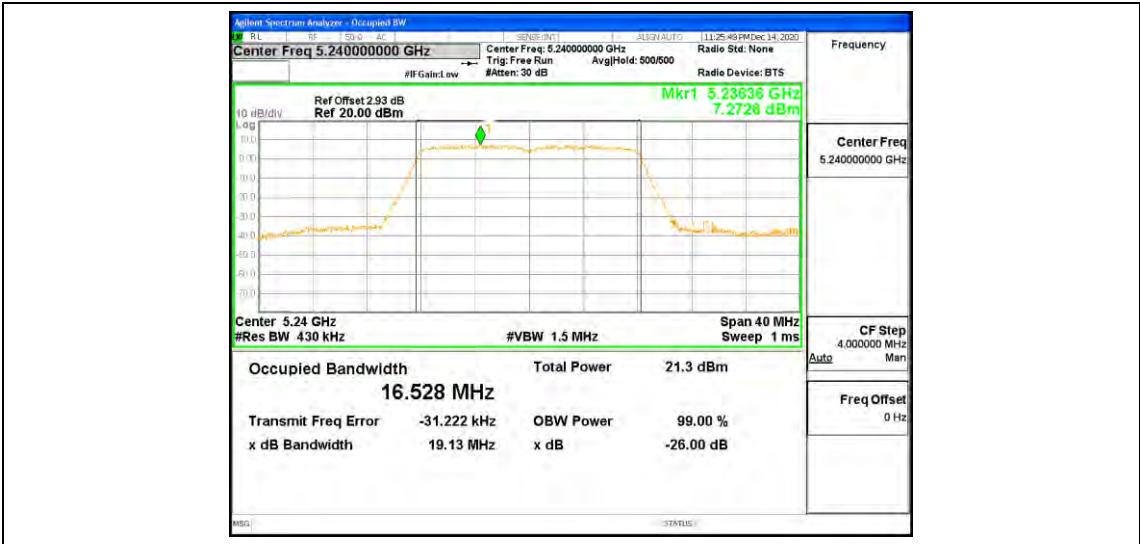
11B_Ant2_5180



11B_Ant2_5200



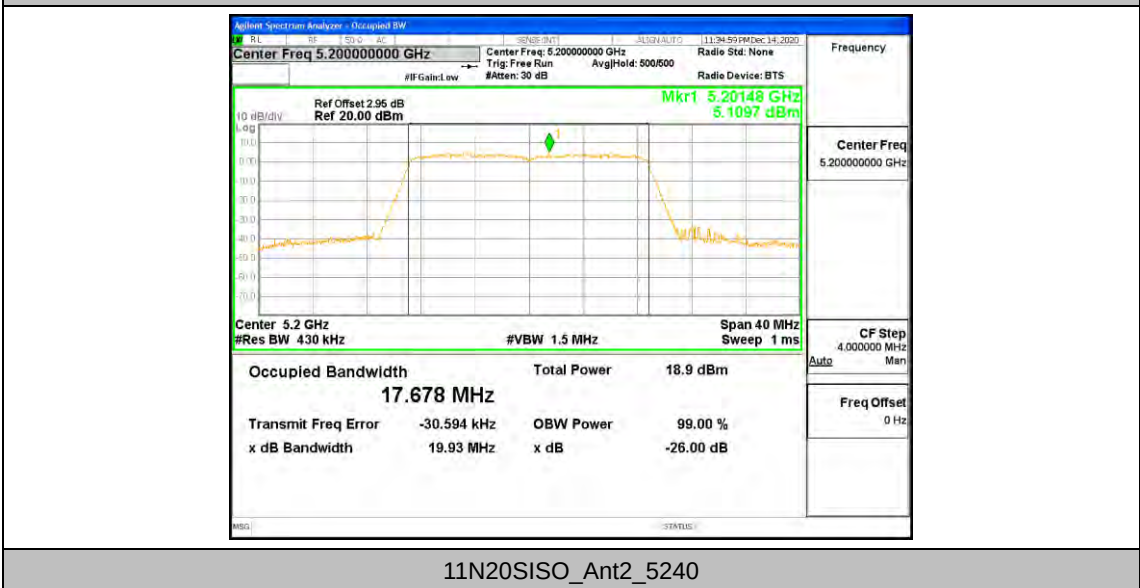
11B_Ant2_5240



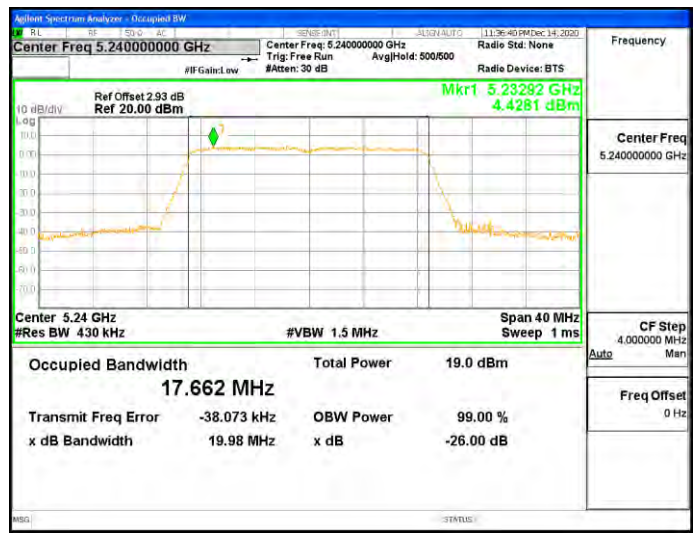
11N20SISO_Ant2_5180



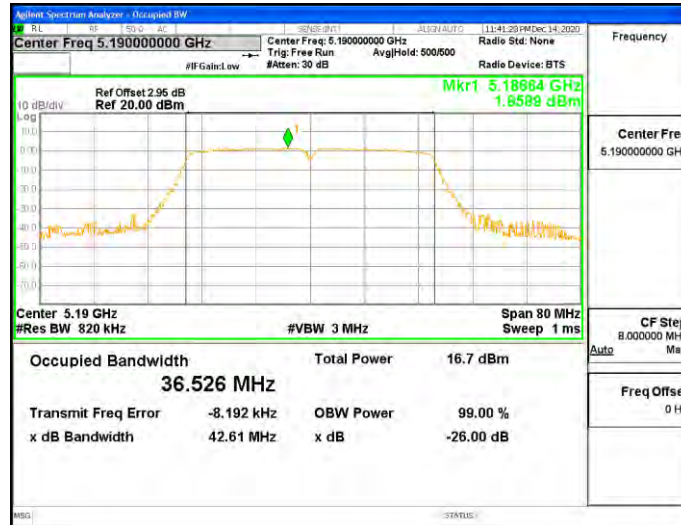
11N20SISO_Ant2_5200



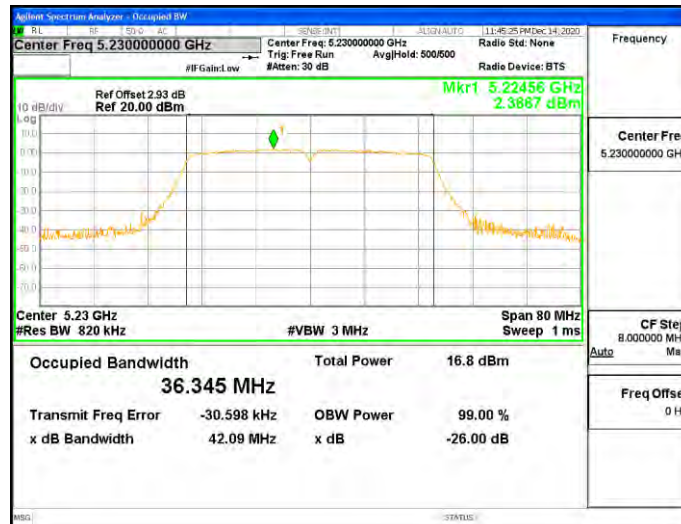
11N20SISO_Ant2_5240



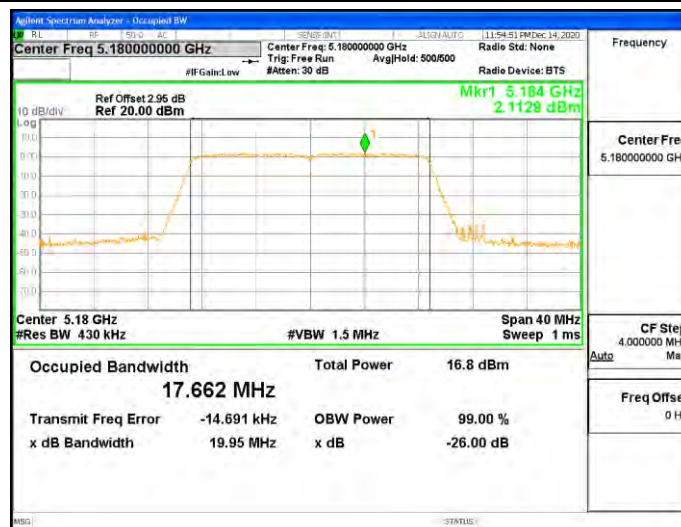
11N40SISO_Ant2_5190



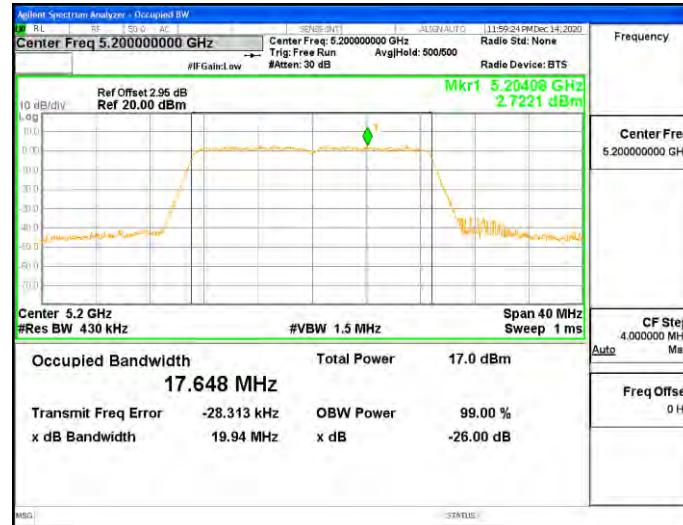
11N40SISO_Ant2_5230



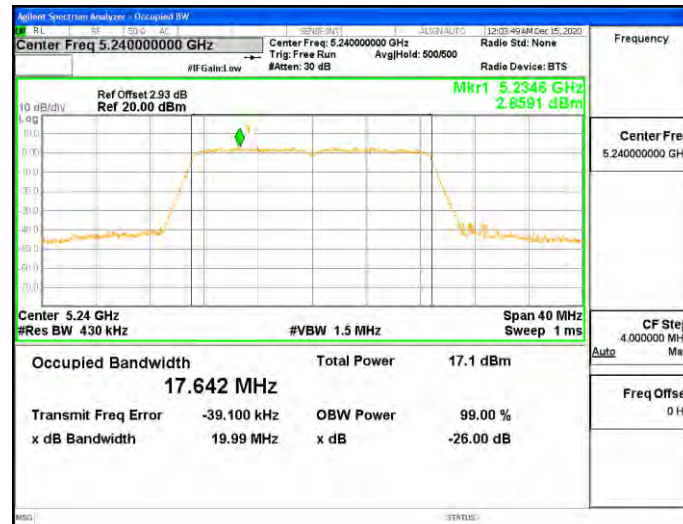
11AC20SISO_Ant2_5180



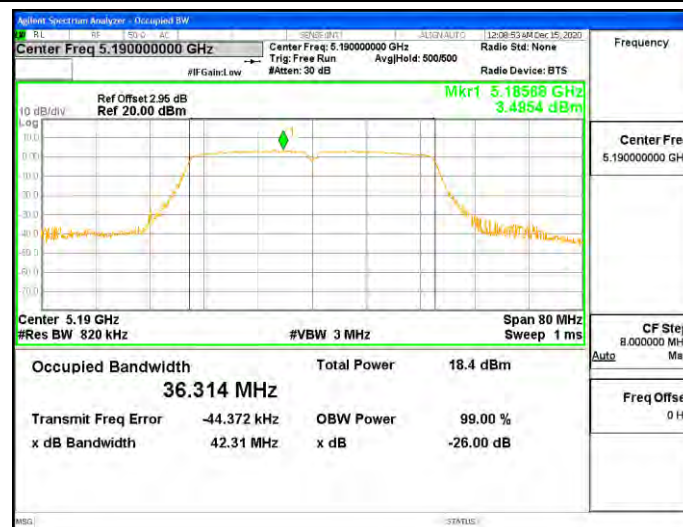
11AC20SISO_Ant2_5200



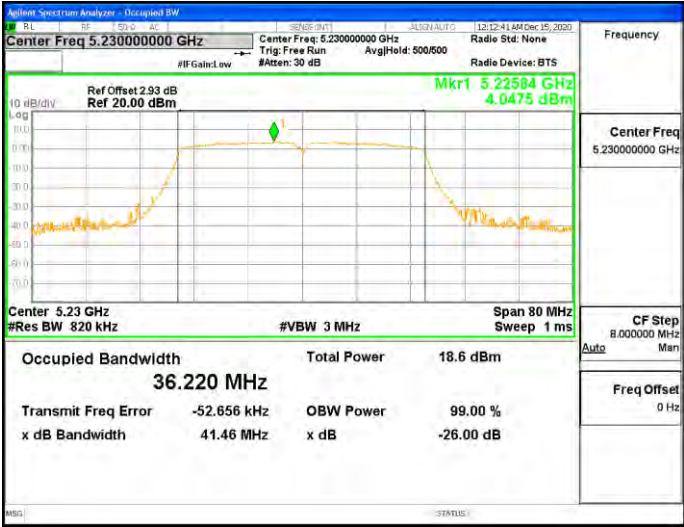
11AC20SISO_Ant2_5240



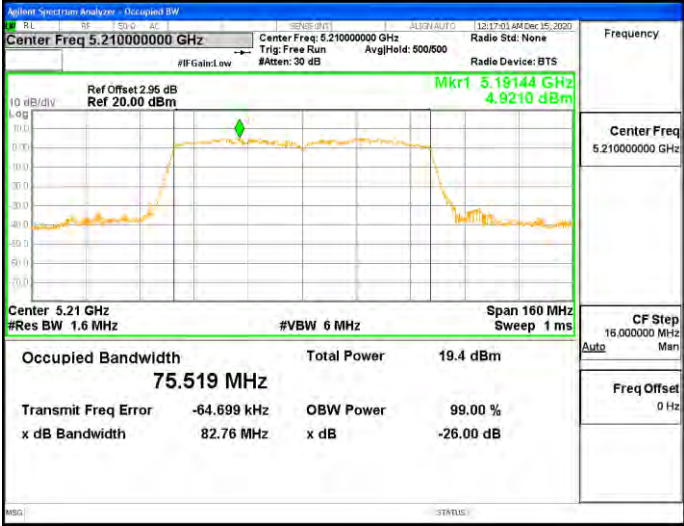
11AC40SISO_Ant2_5190



11AC40SISO_Ant2_5230



11AC80SISO_Ant2_5210



1.3 APPENDIXB: MAXIMUM CONDUCTED OUTPUT POWER

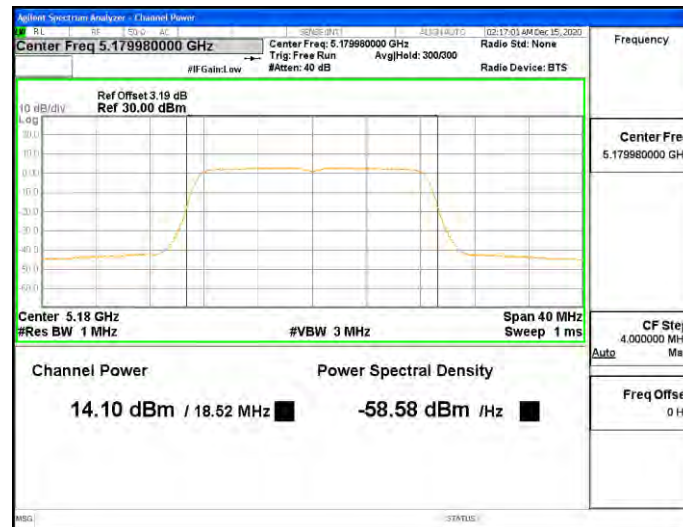
Test Result

TestMode	Channel	Result[dBm]		Total (dBm)	Limit[dBm]	Verdict
		Ant1	Ant2			
11A	5180	14.10	14.5	/	<=23.98	PASS
	5200	14.38	14.48	/	<=23.98	PASS
	5240	14.32	14.5	/	<=23.98	PASS
11N20SISO	5180	11.82	12.15	15.00	<=23.98	PASS
	5200	12.08	12.17	15.14	<=23.98	PASS
	5240	11.96	12.34	15.16	<=23.98	PASS
11N40SISO	5190	9.33	9.25	12.30	<=23.98	PASS
	5230	9.27	9.69	12.50	<=23.98	PASS
11AC20SISO	5180	9.94	10.02	12.99	<=23.98	PASS
	5200	9.96	10.42	13.21	<=23.98	PASS
	5240	10.38	10.22	13.31	<=23.98	PASS
11AC40SISO	5190	9.49	11.49	13.61	<=23.98	PASS
	5230	9.95	11.55	13.83	<=23.98	PASS
11AC80SISO	5210	10.45	11.19	13.85	<=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



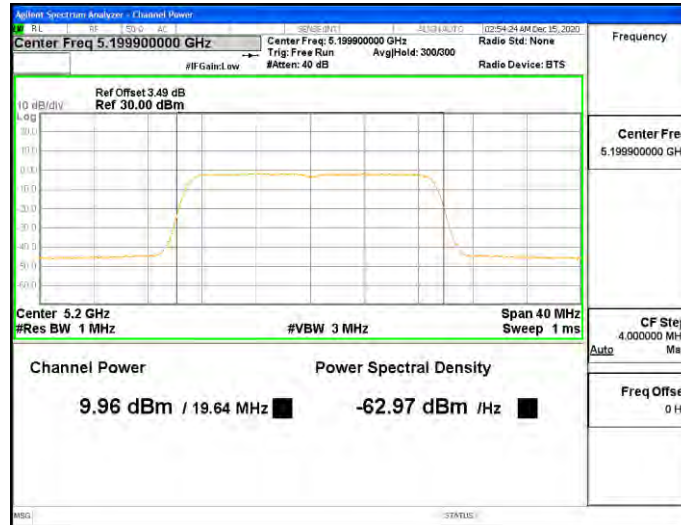
11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210



Test Graphs

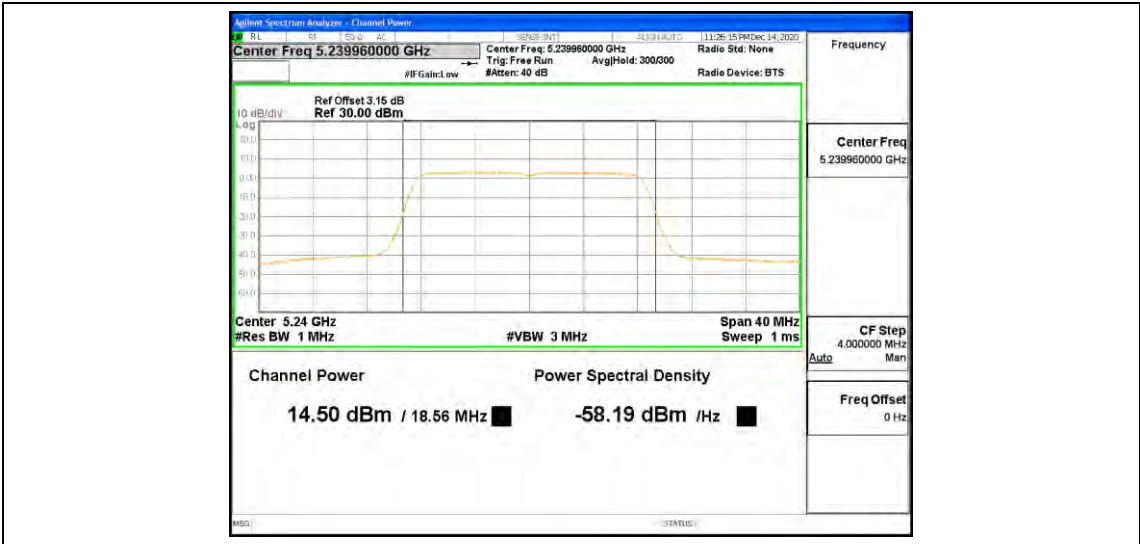
11B_Ant2_5180



11B_Ant2_5200



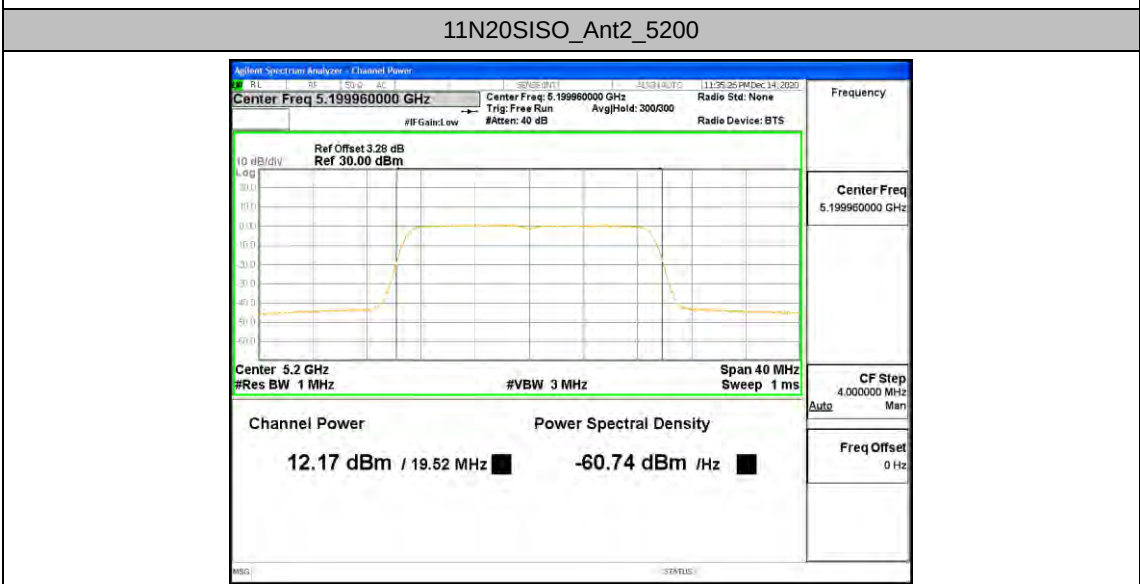
11B_Ant2_5240



11N20SISO_Ant2_5180



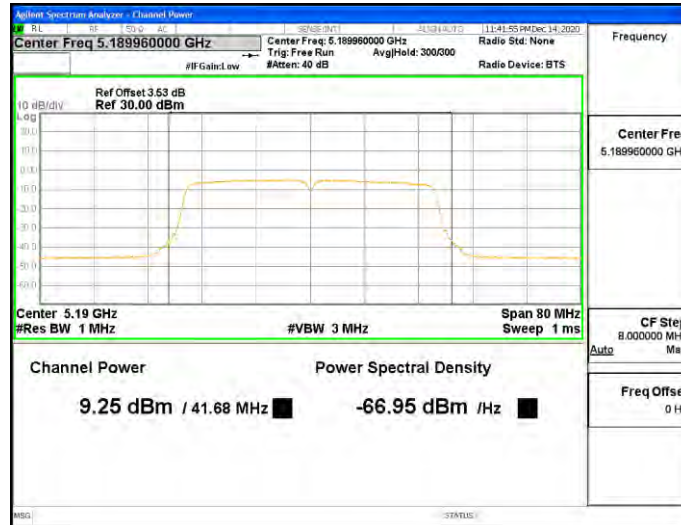
11N20SISO_Ant2_5200



11N20SISO_Ant2_5240



11N40SISO_Ant2_5190



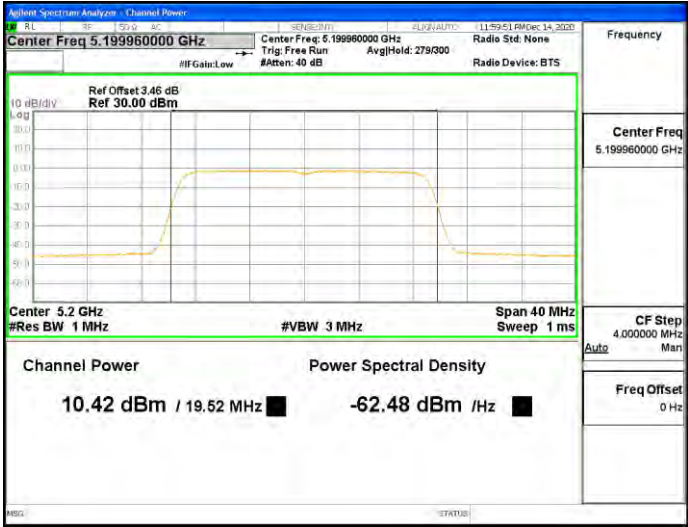
11N40SISO_Ant2_5230



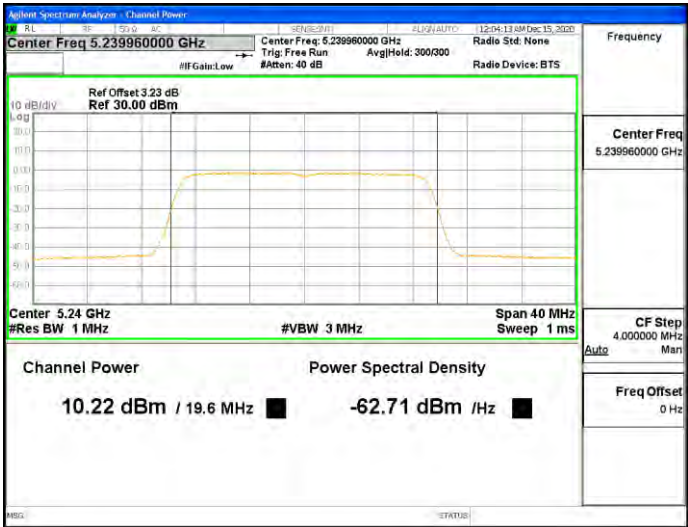
11AC20SISO_Ant2_5180



11AC20SISO_Ant2_5200



11AC20SISO_Ant2_5240



11AC40SISO_Ant2_5190



11AC40SISO_Ant2_5230



11AC80SISO_Ant2_5210



1.4 APPENDIXC: MAXIMUM POWER SPECTRAL DENSITY

Test Result

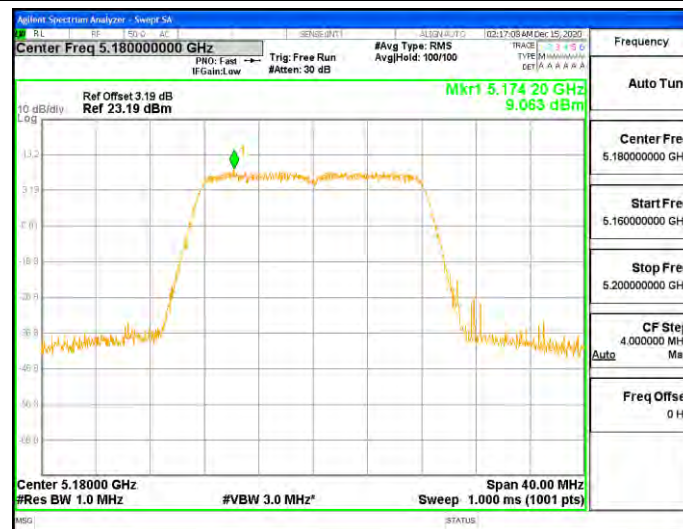
TestMode	Antenna	Channel	Result [dBm/MHz]		Total (dBm)	Limit[dBm/MHz]	Verdict
			Ant1	Ant2			
11A	Ant1	5180	9.06	8.96	/	<=11	PASS
		5200	9.05	9.22	/	<=11	PASS
		5240	8.91	8.77	/	<=11	PASS
11N20SISO	Ant1	5180	5.98	6.72	9.38	<=11	PASS
		5200	6.87	6.04	9.49	<=11	PASS
		5240	6.06	7.1	9.62	<=11	PASS
11N40SISO	Ant1	5190	0.82	0.83	3.84	<=11	PASS
		5230	1.07	1.38	4.24	<=11	PASS
11AC20SISO	Ant1	5180	3.9	4.74	7.35	<=11	PASS
		5200	4.6	4.81	7.72	<=11	PASS
		5240	6.95	4.49	8.90	<=11	PASS
11AC40SISO	Ant1	5190	1.46	3.02	5.32	<=11	PASS
		5230	1.81	3.6	5.81	<=11	PASS
11AC80SISO	Ant1	5210	0.39	0.18	3.30	<=11	PASS

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

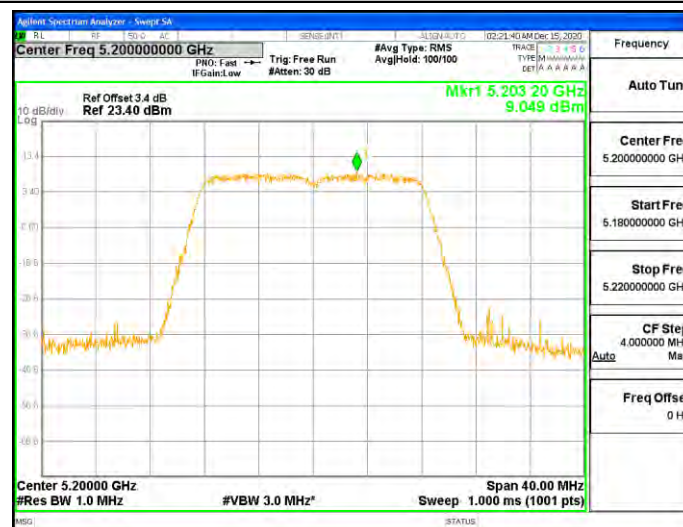
2.The Duty Cycle Factorand RBW Factoriscompensatedinthegraph.

Test Graphs

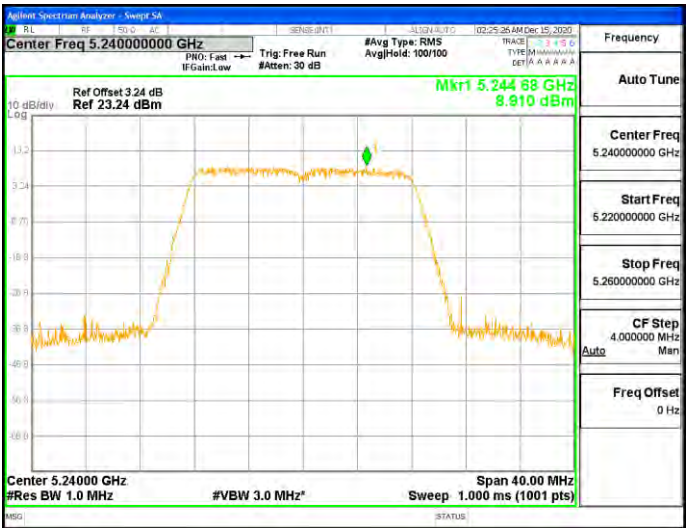
11A_Ant1_5180



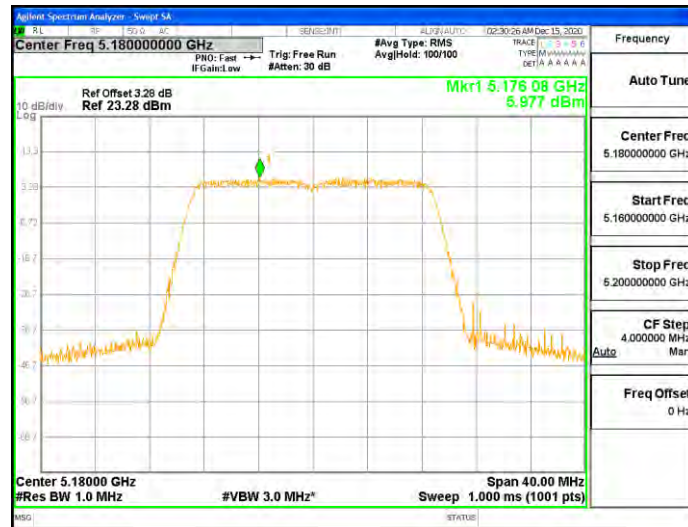
11A_Ant1_5200



11A_Ant1_5240



11N20SISO_Ant1_5180



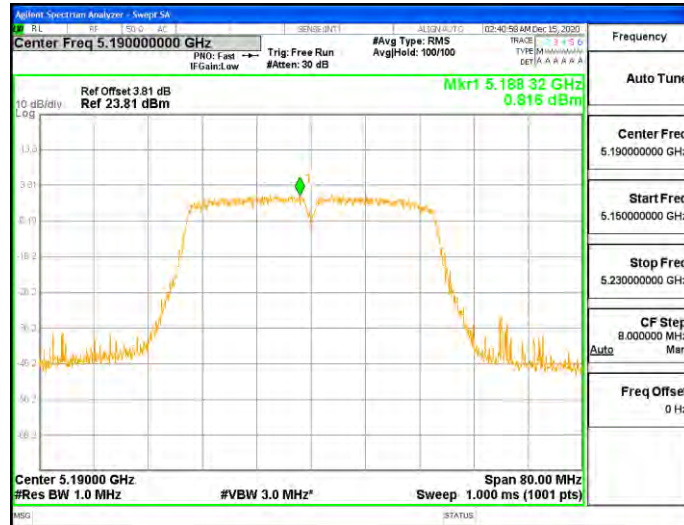
11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



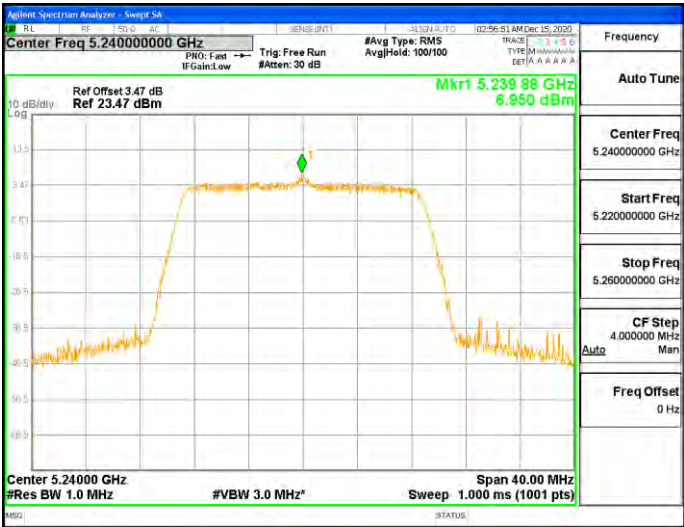
11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



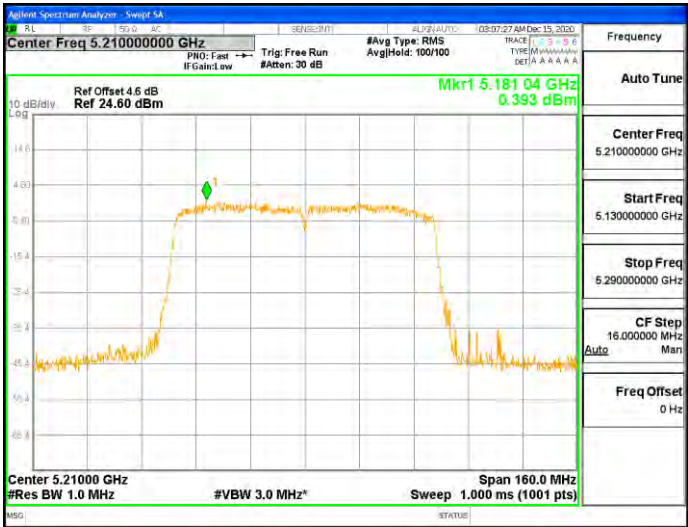
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230

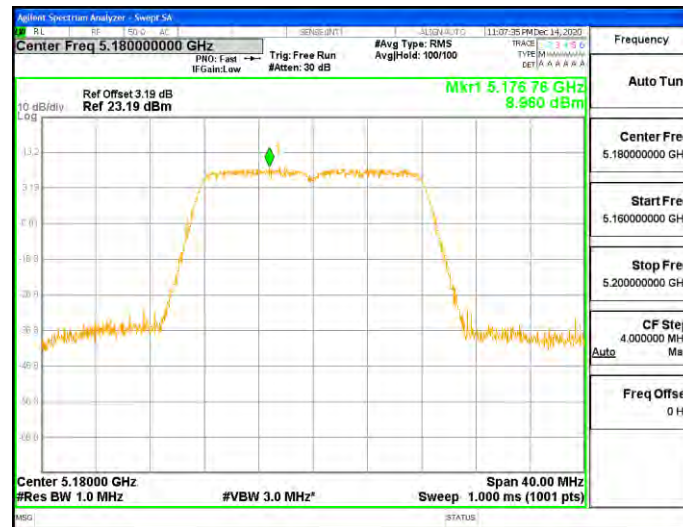


11AC80SISO_Ant1_5210

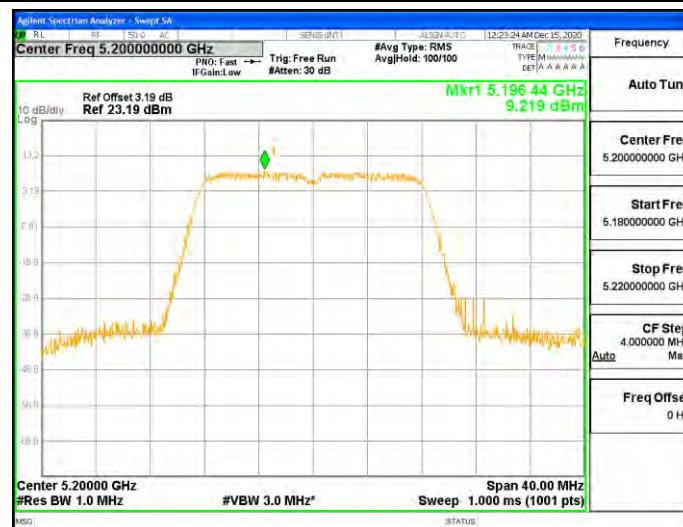


Test Graphs

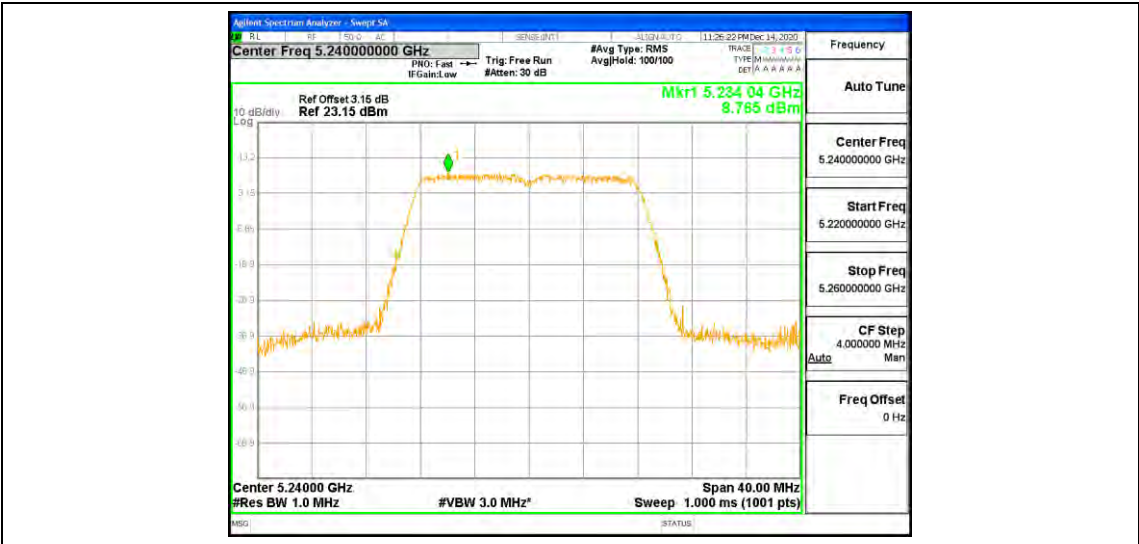
11B_Ant2_5180



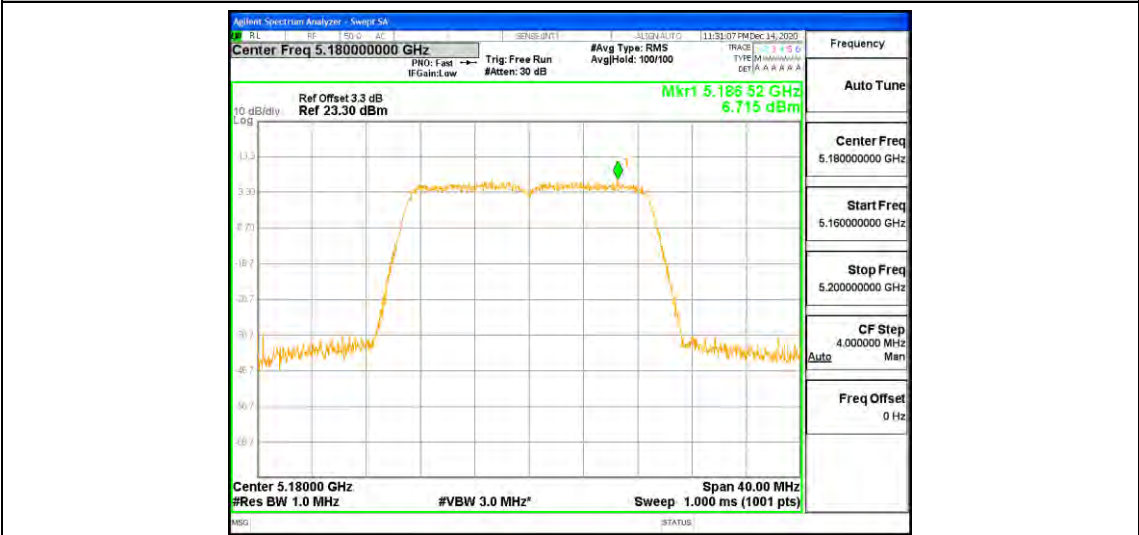
11B_Ant2_5200



11B_Ant2_5240



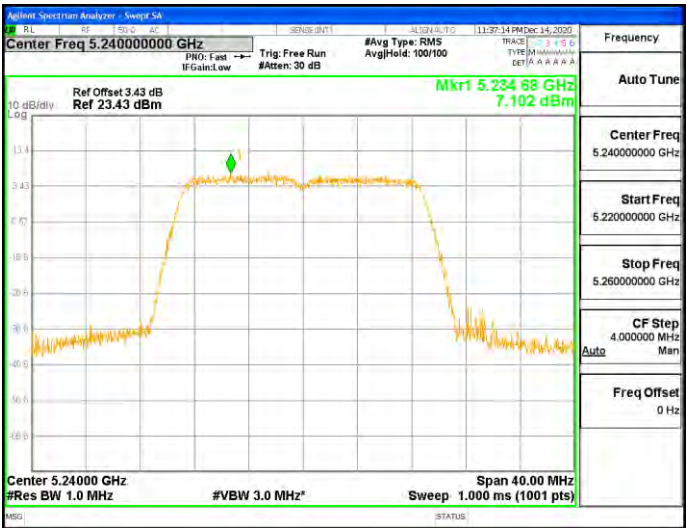
11N20SISO_Ant2_5180



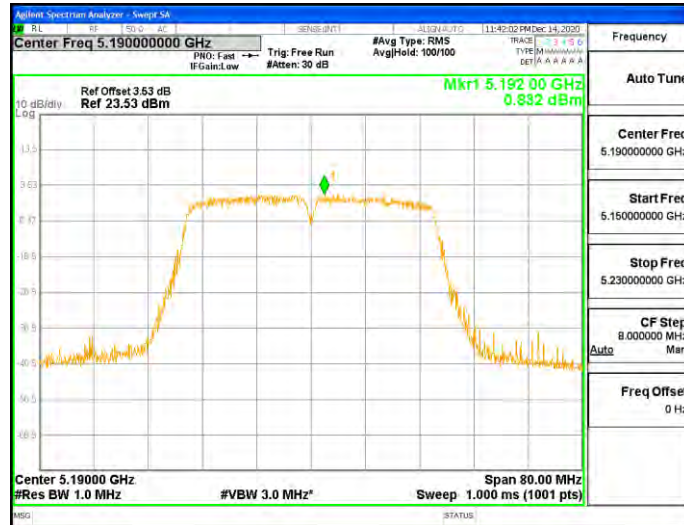
11N20SISO_Ant2_5200



11N20SISO_Ant2_5240



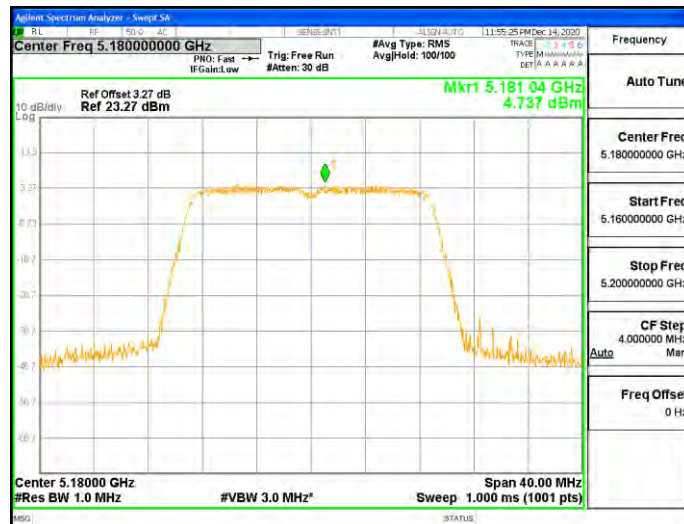
11N40SISO_Ant2_5190



11N40SISO_Ant2_5230



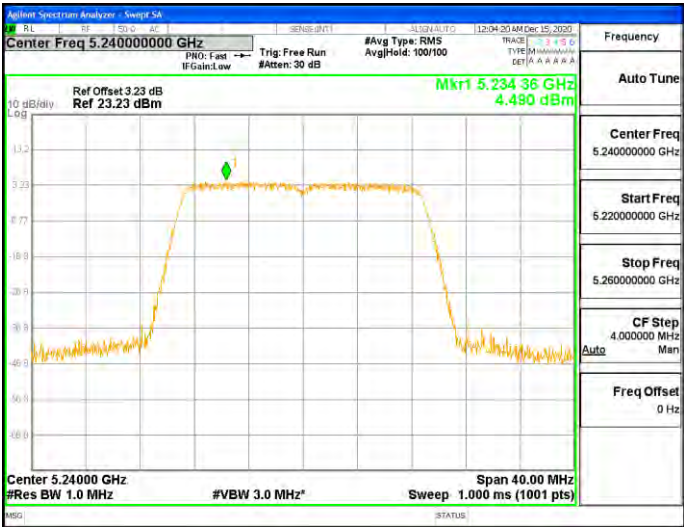
11AC20SISO_Ant2_5180



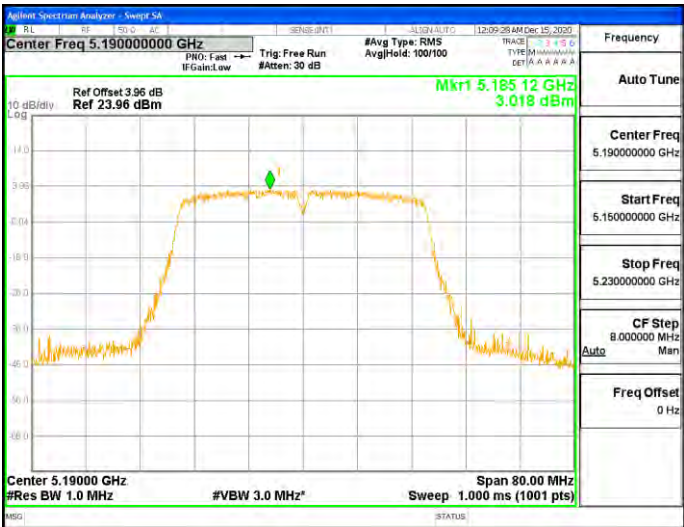
11AC20SISO_Ant2_5200



11AC20SISO_Ant2_5240



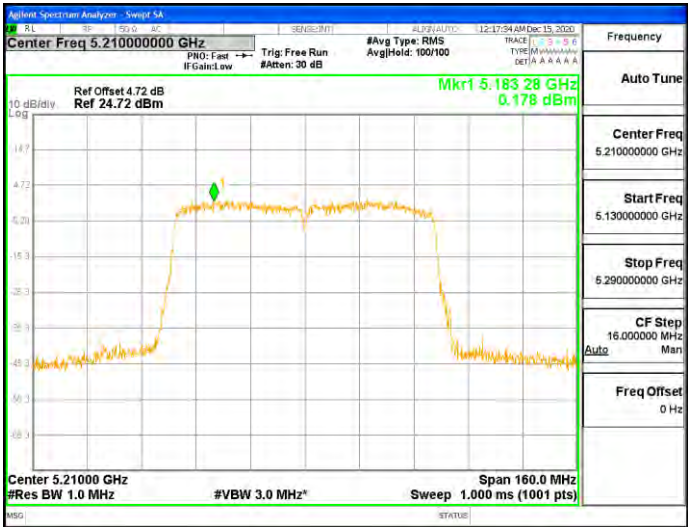
11AC40SISO_Ant2_5190



11AC40SISO_Ant2_5230



11AC80SISO_Ant2_5210



1.5 APPENDIX: BAND EDGE MEASUREMENTS

Test Result

TestMode	Antenna	ChName	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-51.76	<=-27	PASS
		High	5240	-51.38	<=-27	PASS
11N20SISO	Ant1	Low	5180	-52.64	<=-27	PASS
		High	5240	-52.58	<=-27	PASS
11N40SISO	Ant1	Low	5190	-51.49	<=-27	PASS
		High	5230	-52.99	<=-27	PASS
11AC20SISO	Ant1	Low	5180	-51.97	<=-27	PASS
		High	5240	-51.77	<=-27	PASS
11AC40SISO	Ant1	Low	5190	-50.06	<=-27	PASS
		High	5230	-52.05	<=-27	PASS
11AC80SISO	Ant1	Low	5210	-49.99	<=-27	PASS
		High	5210	-50.5	<=-27	PASS

TestMode	Antenna	ChName	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant2	Low	5180	-51.17	<=-27	PASS
		High	5240	-52.99	<=-27	PASS
11N20SISO	Ant2	Low	5180	-52.12	<=-27	PASS
		High	5240	-53.72	<=-27	PASS
11N40SISO	Ant2	Low	5190	-50.87	<=-27	PASS
		High	5230	-52.3	<=-27	PASS
11AC20SISO	Ant2	Low	5180	-52.44	<=-27	PASS
		High	5240	-53.41	<=-27	PASS
11AC40SISO	Ant2	Low	5190	-50.96	<=-27	PASS
		High	5230	-52.72	<=-27	PASS
11AC80SISO	Ant2	Low	5210	-49.97	<=-27	PASS
		High	5210	-52.87	<=-27	PASS

Test Graphs

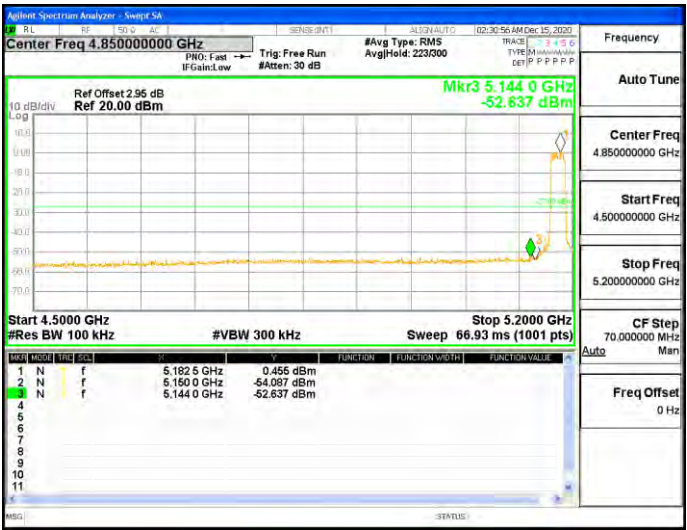
11A_Ant1_Low_5180



11A_Ant1_High_5240



11N20SISO_Ant1_Low_5180



11N20SISO_Ant1_High_5240



11N40SISO_Ant1_Low_5190



11N40SISO_Ant1_High_5230



11AC20SISO_Ant1_Low_5180



11AC20SISO_Ant1_High_5240



11AC40SISO_Ant1_Low_5190



11AC40SISO_Ant1_High_5230



11AC80SISO_Ant1_Low_5210



11AC80SISO_Ant1_High_5210



Test Graphs

11B_Ant2_Low_5180



11B_Ant2_High_5240



11N20SISO_Ant2_Low_5180



11N20SISO_Ant2_High_5240



11N40SISO_Ant2_Low_5190



11N40SISO_Ant2_High_5230



11AC20SISO_Ant2_Low_5180



11AC20SISO_Ant2_High_5240



11AC40SISO_Ant2_Low_5190



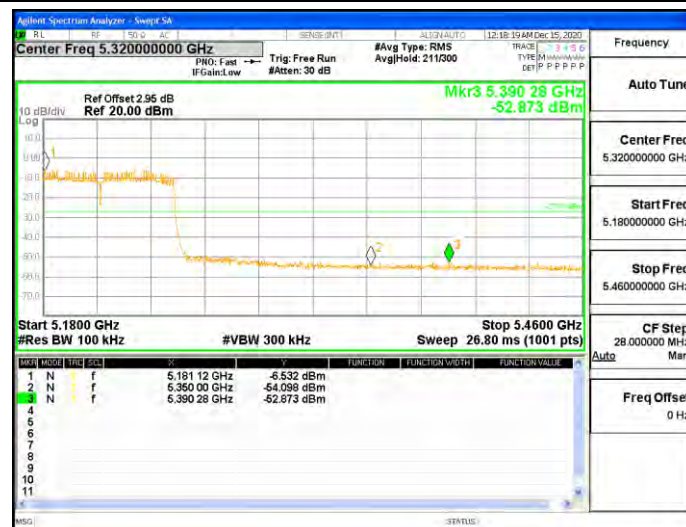
11AC40SISO_Ant2_High_5230



11AC80SISO_Ant2_Low_5210



11AC80SISO_Ant2_High_5210



1.6 APPENDIX:EMISSIONSINRESTRICTEDBANDS

Test Result

TestMode	Antenna	ChName	Channel	Detector	Freq [MHz]	EIRP [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5180	AV	4500.000	-53.8	<=-41.2 0	PASS
				AV	5150.000	-49.34	<=-41.2 0	PASS
				Peak	4500.000	-46.96	<=-21.2 0	PASS
				Peak	5150.000	-42.24	<=-21.2 0	PASS
		High	5240	AV	5350.000	-49.52	<=-41.2 0	PASS
				AV	5460.000	-52.56	<=-41.2 0	PASS
				Peak	5350.000	-42.62	<=-21.2 0	PASS
				Peak	5460.000	-45.87	<=-21.2 0	PASS
11N20SISO	Ant1	Low	5180	AV	4500.000	-53.86	<=-41.2 0	PASS
				AV	5150.000	-50.4	<=-41.2 0	PASS
				Peak	4500.000	-45.91	<=-21.2 0	PASS
				Peak	5150.000	-43.81	<=-21.2 0	PASS
		High	5240	AV	5350.000	-50.62	<=-41.2 0	PASS
				AV	5460.000	-52.61	<=-41.2 0	PASS
				Peak	5350.000	-43.54	<=-21.2 0	PASS
				Peak	5460.000	-46.17	<=-21.2 0	PASS
11N40SISO	Ant1	Low	5190	AV	4500.000	-53.38	<=-41.2 0	PASS
				AV	5150.000	-48.93	<=-41.2 0	PASS
				Peak	4500.000	-47.27	<=-21.2	PASS

							0	
				Peak	5150.000	-41.55	<=-21.2 0	PASS
				AV	5350.000	-50.87	<=-41.2 0	PASS
				AV	5460.000	-51.85	<=-41.2 0	PASS
				Peak	5350.000	-43.1	<=-21.2 0	PASS
				Peak	5460.000	-46.38	<=-21.2 0	PASS
11AC20SI SO	Ant1	Low	5180	AV	4500.000	-53.82	<=-41.2 0	PASS
				AV	5150.000	-50.61	<=-41.2 0	PASS
				Peak	4500.000	-47.86	<=-21.2 0	PASS
				Peak	5150.000	-44.8	<=-21.2 0	PASS
		High	5240	AV	5350.000	-51.18	<=-41.2 0	PASS
				AV	5460.000	-52.62	<=-41.2 0	PASS
				Peak	5350.000	-44.89	<=-21.2 0	PASS
				Peak	5460.000	-46.11	<=-21.2 0	PASS
11AC40SI SO	Ant1	Low	5190	AV	4500.000	-53.38	<=-41.2 0	PASS
				AV	5150.000	-48.69	<=-41.2 0	PASS
				Peak	4500.000	-46.63	<=-21.2 0	PASS
				Peak	5150.000	-42.41	<=-21.2 0	PASS
		High	5230	AV	5350.000	-50.84	<=-41.2 0	PASS
				AV	5460.000	-51.68	<=-41.2 0	PASS
				Peak	5350.000	-43.78	<=-21.2 0	PASS
				Peak	5460.000	-46.98	<=-21.2 0	PASS

11AC80SI SO	Ant1	Low	5210	AV	4500.000	-53.18	≤ -41.2 0	PASS
				AV	5150.000	-47.42	≤ -41.2 0	PASS
				Peak	4500.000	-47.12	≤ -21.2 0	PASS
				Peak	5150.000	-40.27	≤ -21.2 0	PASS
		High	5210	AV	5350.000	-50.1	≤ -41.2 0	PASS
				AV	5460.000	-51.59	≤ -41.2 0	PASS
				Peak	5350.000	-42.94	≤ -21.2 0	PASS
				Peak	5460.000	-45.21	≤ -21.2 0	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



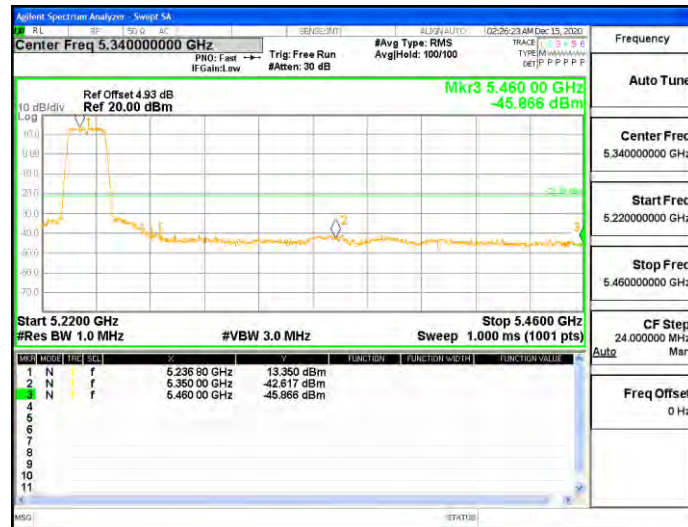
11A_Ant1_Low_5180_Peak



11A_Ant1_High_5240_AV



11A_Ant1_High_5240_Peak



11N20SISO_Ant1_Low_5180_AV



11N20SISO_Ant1_Low_5180_Peak



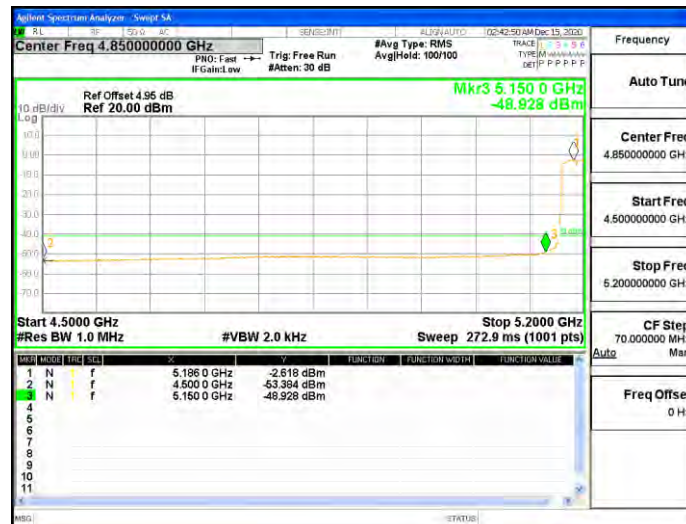
11N20SISO_Ant1_High_5240_AV



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



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

