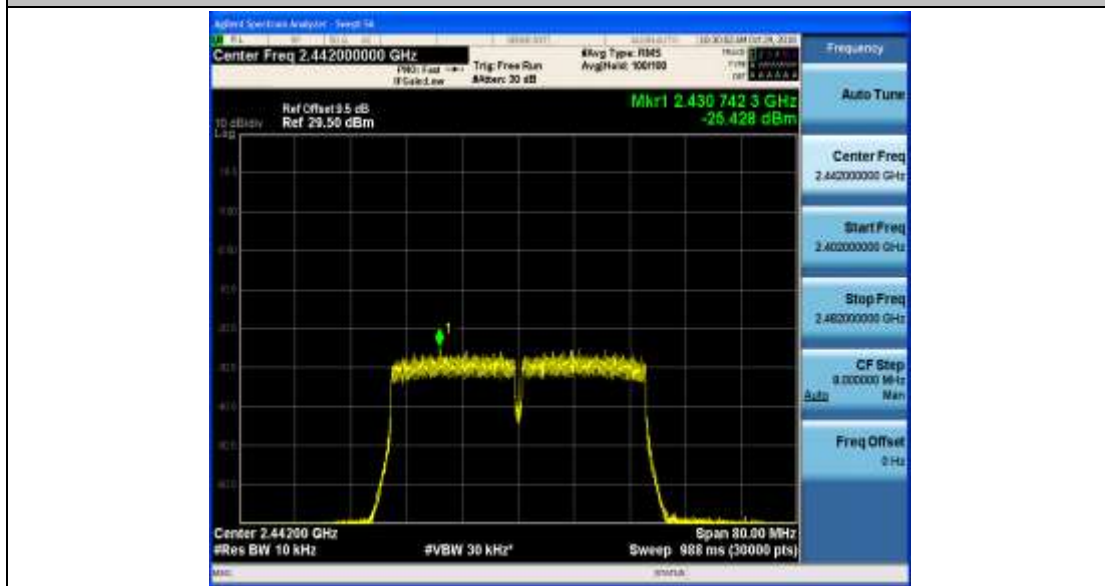
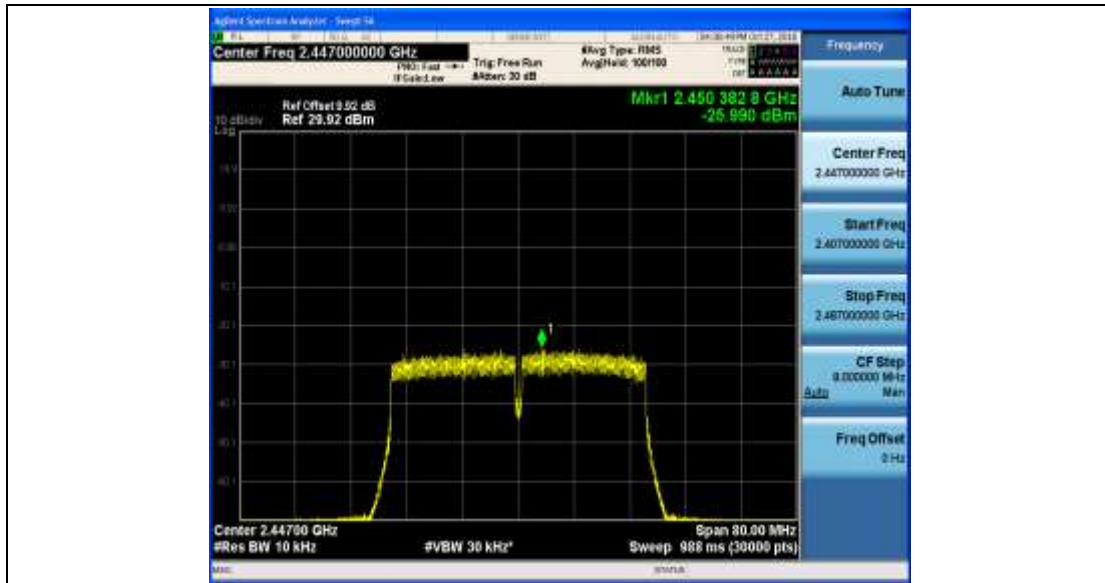


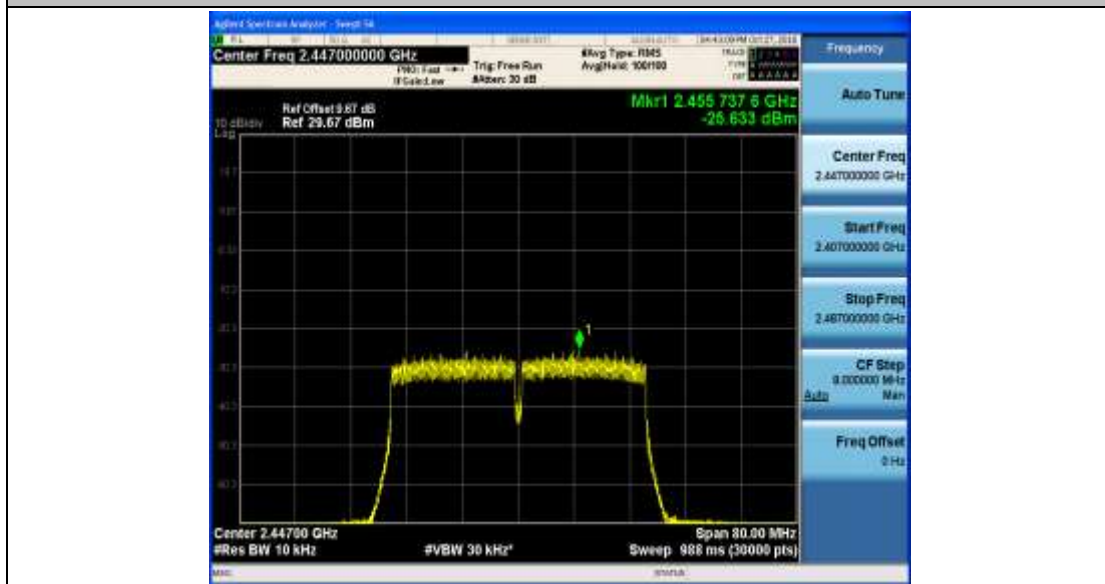
11N40MIMO\_Ant2\_2442



11N40MIMO\_Ant1\_2447



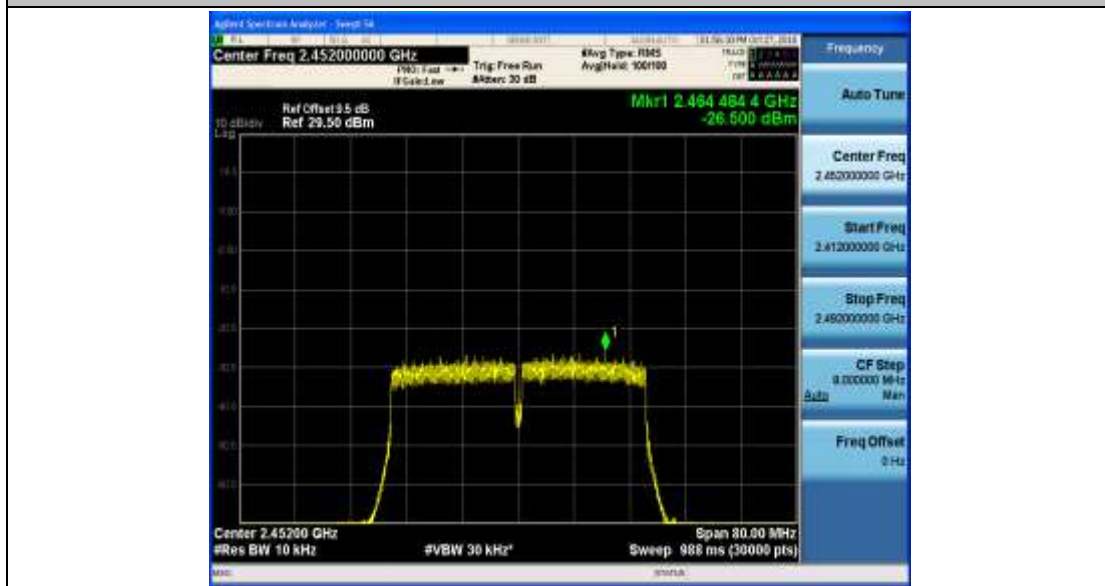
11N40MIMO\_Ant2\_2447



11N40MIMO\_Ant1\_2452



11N40MIMO\_Ant2\_2452





## Appendix F: Band edge measurements

### Test Result

TestMode	Antenna	Channel	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.28	-39.43	-23.72	PASS
	Ant2	Low	2412	6.00	-39.94	-24	PASS
	Ant1	Low	2417	7.36	-45.87	-22.64	PASS
	Ant2	Low	2417	7.98	-43.08	-22.02	PASS
	Ant1	High	2452	8.58	-50.52	-21.42	PASS
	Ant2	High	2452	7.99	-50.85	-22.01	PASS
	Ant1	High	2457	7.59	-50.06	-22.41	PASS
	Ant2	High	2457	6.79	-50.74	-23.21	PASS
	Ant1	High	2462	6.42	-50.38	-23.58	PASS
	Ant2	High	2462	5.88	-50.94	-24.12	PASS
11G	Ant1	Low	2412	-3.23	-44.02	-33.23	PASS
	Ant2	Low	2412	-3.72	-44.1	-33.72	PASS
	Ant1	Low	2417	0.35	-41.53	-29.65	PASS
	Ant2	Low	2417	0.72	-37.11	-29.28	PASS
	Ant1	Low	2422	2.38	-44.01	-27.62	PASS
	Ant2	Low	2422	2.69	-44.3	-27.31	PASS
	Ant1	High	2452	2.73	-50.58	-27.27	PASS
	Ant2	High	2452	1.75	-51.05	-28.25	PASS
	Ant1	High	2457	1.28	-50.72	-28.72	PASS
	Ant2	High	2457	0.60	-51.22	-29.4	PASS
	Ant1	High	2462	-6.06	-50.56	-36.06	PASS
	Ant2	High	2462	-5.93	-50.88	-35.93	PASS
11N20SISO	Ant1	Low	2412	-4.00	-45.69	-34	PASS
	Ant2	Low	2412	-4.29	-43.97	-34.29	PASS
	Ant1	Low	2417	-0.13	-39.12	-30.13	PASS
	Ant2	Low	2417	0.64	-37.05	-29.36	PASS
	Ant1	Low	2422	2.01	-43.06	-27.99	PASS
	Ant2	Low	2422	2.08	-42.89	-27.92	PASS
	Ant1	High	2452	1.41	-50.78	-28.59	PASS
	Ant2	High	2452	1.38	-50.61	-28.62	PASS
Ant1	High	2457	-0.21	-50.77	-30.21	PASS	



	Ant2	High	2457	-1.28	-50.6	-31.28	PASS
	Ant1	High	2462	-6.88	-51.39	-36.88	PASS
	Ant2	High	2462	-6.29	-50.94	-36.29	PASS
11N40SISO	Ant1	Low	2422	-8.79	-50	-38.79	PASS
	Ant2	Low	2422	-8.72	-49.89	-38.72	PASS
	Ant1	Low	2427	-7.24	-48.88	-37.24	PASS
	Ant2	Low	2427	-7.48	-50.21	-37.48	PASS
	Ant1	Low	2432	-6.18	-48.47	-36.18	PASS
	Ant2	Low	2432	-6.66	-50	-36.66	PASS
	Ant1	High	2442	-7.75	-50.71	-37.75	PASS
	Ant2	High	2442	-8.43	-51.34	-38.43	PASS
	Ant1	High	2447	-8.07	-51.15	-38.07	PASS
	Ant2	High	2447	-8.81	-51.18	-38.81	PASS
	Ant1	High	2452	-8.78	-50.94	-38.78	PASS
	Ant2	High	2452	-9.57	-50.94	-39.57	PASS
11G-CDD	Ant1	Low	2412	-3.01	-43.44	-33.01	PASS
	Ant2	Low	2412	-2.99	-44.61	-32.99	PASS
	Ant1	Low	2417	0.52	-41.61	-29.48	PASS
	Ant2	Low	2417	0.79	-39.79	-29.21	PASS
	Ant1	High	2452	2.29	-50.59	-27.71	PASS
	Ant2	High	2452	2.22	-50.58	-27.78	PASS
	Ant1	High	2457	0.64	-50.72	-29.36	PASS
	Ant2	High	2457	0.19	-50.53	-29.81	PASS
	Ant1	High	2462	-5.57	-50.55	-35.57	PASS
	Ant2	High	2462	-5.64	-51.18	-35.64	PASS
11N20MIM O	Ant1	Low	2412	-3.84	-46.14	-33.84	PASS
	Ant2	Low	2412	-4.37	-44.3	-34.37	PASS
	Ant1	Low	2417	0.41	-41.09	-29.59	PASS
	Ant2	Low	2417	1.11	-37.42	-28.89	PASS
	Ant1	Low	2422	2.11	-44.45	-27.89	PASS
	Ant2	Low	2422	2.41	-42.13	-27.59	PASS
	Ant1	High	2452	1.50	-50.09	-28.5	PASS
	Ant2	High	2452	1.53	-50.98	-28.47	PASS
	Ant1	High	2457	0.27	-50.58	-29.73	PASS
	Ant2	High	2457	-0.96	-50.48	-30.96	PASS
	Ant1	High	2462	-6.71	-49.59	-36.71	PASS
	Ant2	High	2462	-6.21	-50.86	-36.21	PASS



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11N40MIM O	Ant1	Low	2422	-8.18	-49.63	-38.18	PASS
	Ant2	Low	2422	-8.85	-49.19	-38.85	PASS
	Ant1	Low	2427	-7.08	-49.55	-37.08	PASS
	Ant2	Low	2427	-7.02	-49.36	-37.02	PASS
	Ant1	Low	2432	-5.92	-48.48	-35.92	PASS
	Ant2	Low	2432	-6.25	-48.75	-36.25	PASS
	Ant1	High	2442	-7.59	-50.56	-37.59	PASS
	Ant2	High	2442	-8.61	-51.19	-38.61	PASS
	Ant1	High	2447	-7.97	-50.73	-37.97	PASS
	Ant2	High	2447	-8.68	-50.89	-38.68	PASS
	Ant1	High	2452	-8.62	-50.05	-38.62	PASS
	Ant2	High	2452	-9.27	-50.88	-39.27	PASS



### Test Graphs

11B\_Ant1\_Low\_2412



11B\_Ant2\_Low\_2412



11B\_Ant1\_Low\_2417





11B\_Ant2\_Low\_2417



11B\_Ant1\_High\_2452





11B\_Ant2\_High\_2452



11B\_Ant1\_High\_2457



11B\_Ant2\_High\_2457



11B\_Ant1\_High\_2462



11B\_Ant2\_High\_2462



11G\_Ant1\_Low\_2412



11G\_Ant2\_Low\_2412



11G\_Ant1\_Low\_2417



11G\_Ant2\_Low\_2417



11G\_Ant1\_Low\_2422





11G\_Ant2\_Low\_2422



11G\_Ant1\_High\_2452



11G\_Ant2\_High\_2452



11G\_Ant1\_High\_2457

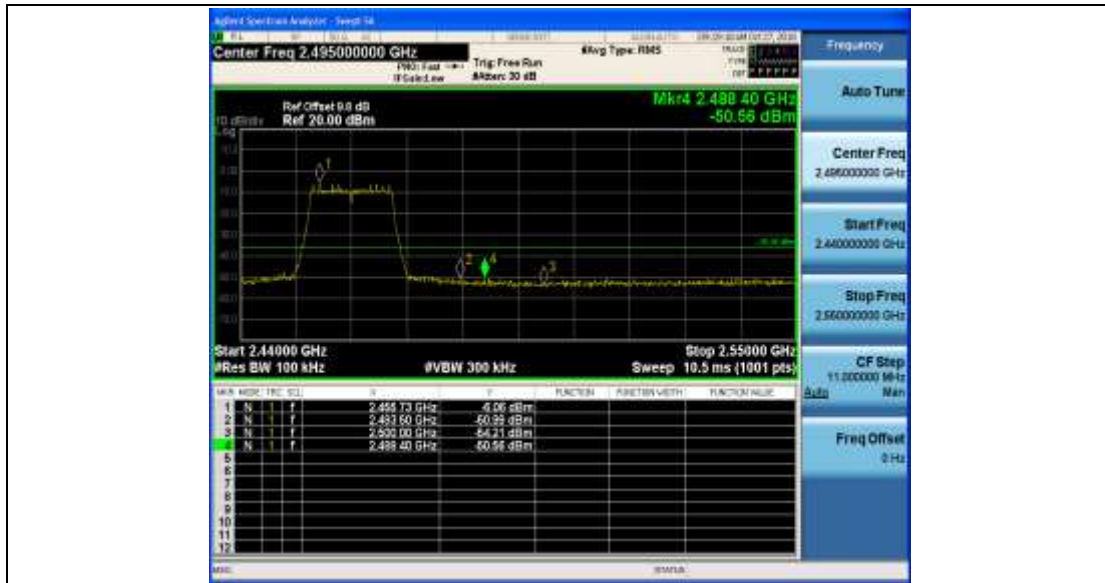




11G\_Ant2\_High\_2457



11G\_Ant1\_High\_2462



11G\_Ant2\_High\_2462



11N20SISO\_Ant1\_Low\_2412



11N20SISO\_Ant2\_Low\_2412



11N20SISO\_Ant1\_Low\_2417



11N20SISO\_Ant2\_Low\_2417



11N20SISO\_Ant1\_Low\_2422



11N20SISO\_Ant2\_Low\_2422



11N20SISO\_Ant1\_High\_2452





11N20SISO\_Ant2\_High\_2452



11N20SISO\_Ant1\_High\_2457



11N20SISO\_Ant2\_High\_2457



11N20SISO\_Ant1\_High\_2462





11N20SISO\_Ant2\_High\_2462



11N40SISO\_Ant1\_Low\_2422



11N40SISO\_Ant2\_Low\_2422



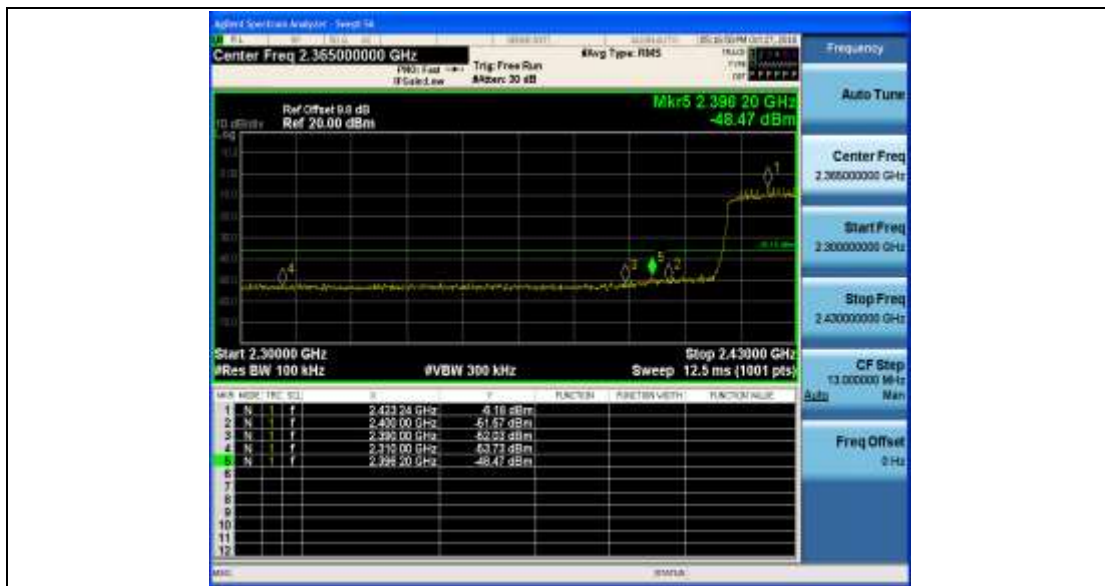
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11N40SISO\_Ant2\_Low\_2427



11N40SISO\_Ant1\_Low\_2432



11N40SISO\_Ant2\_Low\_2432



11N40SISO\_Ant1\_High\_2442



11N40SISO\_Ant2\_High\_2442



11N40SISO\_Ant1\_High\_2447





11N40SISO\_Ant2\_High\_2447



11N40SISO\_Ant1\_High\_2452



11N40SISO\_Ant2\_High\_2452



11G-CDD\_Ant1\_Low\_2412





11G-CDD\_Ant2\_Low\_2412



11G-CDD\_Ant1\_Low\_2417



11G-CDD\_Ant2\_Low\_2417



11G-CDD\_Ant1\_High\_2452



11G-CDD\_Ant2\_High\_2452



11G-CDD\_Ant1\_High\_2457



11G-CDD\_Ant2\_High\_2457



11G-CDD\_Ant1\_High\_2462



11G-CDD\_Ant2\_High\_2462



11N20MIMO\_Ant1\_Low\_2412





11N20MIMO\_Ant2\_Low\_2412



11N20MIMO\_Ant1\_Low\_2417



11N20MIMO\_Ant2\_Low\_2417



11N20MIMO\_Ant1\_Low\_2422





11N20MIMO\_Ant2\_Low\_2422



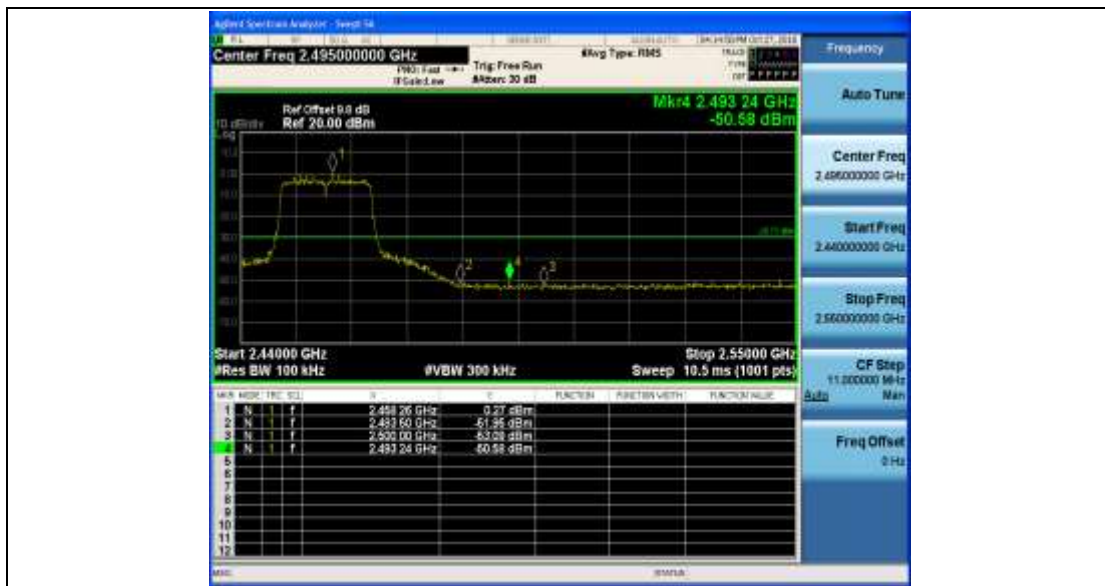
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11N20MIMO\_Ant2\_High\_2452



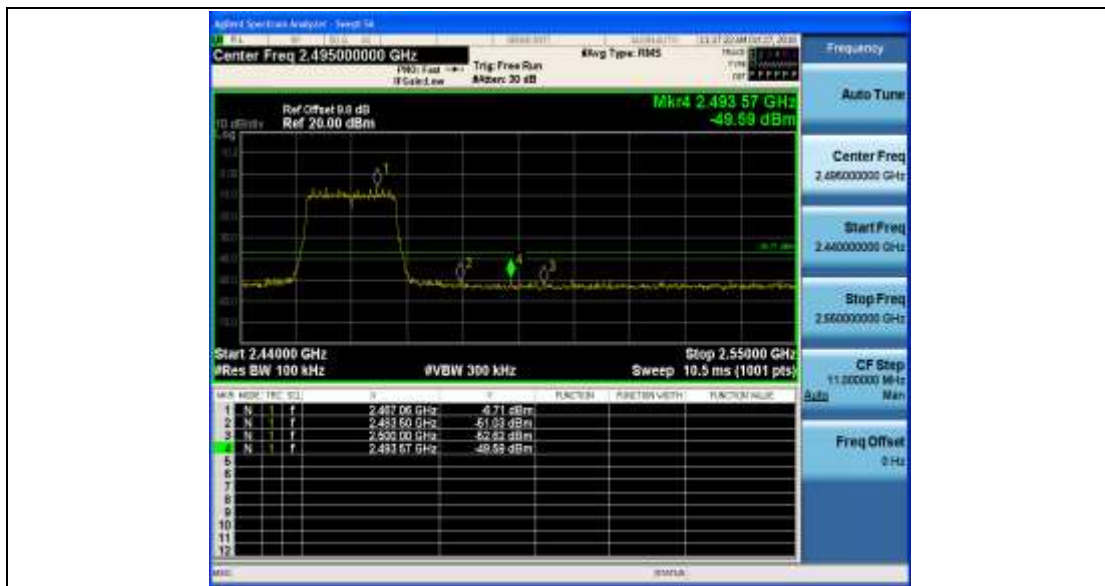
11N20MIMO\_Ant1\_High\_2457



11N20MIMO\_Ant2\_High\_2457



11N20MIMO\_Ant1\_High\_2462



11N20MIMO\_Ant2\_High\_2462



11N40MIMO\_Ant1\_Low\_2422



11N40MIMO\_Ant2\_Low\_2422



11N40MIMO\_Ant1\_Low\_2427





11N40MIMO\_Ant2\_Low\_2427



11N40MIMO\_Ant1\_Low\_2432





11N40MIMO\_Ant2\_Low\_2432



11N40MIMO\_Ant1\_High\_2442



11N40MIMO\_Ant2\_High\_2442



11N40MIMO\_Ant1\_High\_2447



11N40MIMO\_Ant2\_High\_2447



11N40MIMO\_Ant1\_High\_2452



11N40MIMO\_Ant2\_High\_2452





## Appendix G: Conducted Spurious Emission

### Test Result

TestMode	Antenna	Channel	FreqRange	RefLevel	Result	Limit	Verdict
11B	Ant1	2412	Reference	7.98	7.98	---	PASS
			0.009~30	0.009~30	-72.45	-32.02	PASS
			30~1000	30~1000	-60.93	-22.02	PASS
			1000~26500	1000~26500	-35.34	-22.02	PASS
	Ant2	2412	Reference	7.93	7.93	---	PASS
			0.009~30	0.009~30	-72	-32.07	PASS
			30~1000	30~1000	-61.37	-22.07	PASS
			1000~26500	1000~26500	-36.24	-22.07	PASS
	Ant1	2417	Reference	8.05	8.05	---	PASS
			0.009~30	0.009~30	-74.11	-31.95	PASS
			30~1000	30~1000	-62.28	-21.95	PASS
			1000~26500	1000~26500	-36.79	-21.95	PASS
	Ant2	2417	Reference	8.07	8.07	---	PASS
			0.009~30	0.009~30	-74.31	-31.93	PASS
			30~1000	30~1000	-63.16	-21.93	PASS
			1000~26500	1000~26500	-37.09	-21.93	PASS
	Ant1	2437	Reference	10.86	10.86	---	PASS
			0.009~30	0.009~30	-71.6	-29.14	PASS
			30~1000	30~1000	-60.56	-19.14	PASS
			1000~26500	1000~26500	-34.66	-19.14	PASS
	Ant2	2437	Reference	10.75	10.75	---	PASS
			0.009~30	0.009~30	-72.42	-29.25	PASS
			30~1000	30~1000	-61.12	-19.25	PASS
			1000~26500	1000~26500	-35.54	-19.25	PASS
	Ant1	2452	Reference	8.05	8.05	---	PASS
			0.009~30	0.009~30	-73.2	-31.95	PASS
			30~1000	30~1000	-62.39	-21.95	PASS
			1000~26500	1000~26500	-35.73	-21.95	PASS
	Ant2	2452	Reference	7.87	7.87	---	PASS
			0.009~30	0.009~30	-74.5	-32.13	PASS
			30~1000	30~1000	-63.14	-22.13	PASS
			1000~26500	1000~26500	-36.81	-22.13	PASS



	Ant1	2457	Reference	7.67	7.67	---	PASS
			0.009~30	0.009~30	-73.45	-32.33	PASS
			30~1000	30~1000	-62.78	-22.33	PASS
			1000~26500	1000~26500	-37.12	-22.33	PASS
	Ant2	2457	Reference	6.40	6.40	---	PASS
			0.009~30	0.009~30	-74.98	-33.6	PASS
			30~1000	30~1000	-63.14	-23.6	PASS
			1000~26500	1000~26500	-37.97	-23.6	PASS
	Ant1	2462	Reference	8.42	8.42	---	PASS
			0.009~30	0.009~30	-72.18	-31.58	PASS
			30~1000	30~1000	-60.89	-21.58	PASS
			1000~26500	1000~26500	-34.78	-21.58	PASS
	Ant2	2462	Reference	7.97	7.97	---	PASS
			0.009~30	0.009~30	-72.74	-32.03	PASS
			30~1000	30~1000	-61.25	-22.03	PASS
			1000~26500	1000~26500	-35.82	-22.03	PASS
11G	Ant1	2412	Reference	-1.35	-1.35	---	PASS
			0.009~30	0.009~30	-72.36	-41.35	PASS
			30~1000	30~1000	-60.59	-31.35	PASS
			1000~26500	1000~26500	-35.11	-31.35	PASS
	Ant2	2412	Reference	-2.08	-2.08	---	PASS
			0.009~30	0.009~30	-72.73	-42.08	PASS
			30~1000	30~1000	-60.93	-32.08	PASS
			1000~26500	1000~26500	-34.95	-32.08	PASS
	Ant1	2417	Reference	0.34	0.34	---	PASS
			0.009~30	0.009~30	-74.61	-39.66	PASS
			30~1000	30~1000	-62.23	-29.66	PASS
			1000~26500	1000~26500	-37.77	-29.66	PASS
	Ant2	2417	Reference	-0.27	-0.27	---	PASS
			0.009~30	0.009~30	-75.58	-40.27	PASS
			30~1000	30~1000	-63.62	-30.27	PASS
			1000~26500	1000~26500	-37.12	-30.27	PASS
	Ant1	2422	Reference	3.18	3.18	---	PASS
			0.009~30	0.009~30	-74.01	-36.82	PASS
			30~1000	30~1000	-62.47	-26.82	PASS
			1000~26500	1000~26500	-36.38	-26.82	PASS
Ant2	2422	Reference	2.95	2.95	---	PASS	





			0.009~30	0.009~30	-74.93	-37.05	PASS
			30~1000	30~1000	-62.96	-27.05	PASS
			1000~26500	1000~26500	-37.38	-27.05	PASS
	Ant1	2437	Reference	5.06	5.06	---	PASS
			0.009~30	0.009~30	-72.72	-34.94	PASS
			30~1000	30~1000	-60.4	-24.94	PASS
			1000~26500	1000~26500	-34.18	-24.94	PASS
	Ant2	2437	Reference	4.21	4.21	---	PASS
			0.009~30	0.009~30	-72.48	-35.79	PASS
			30~1000	30~1000	-59.09	-25.79	PASS
			1000~26500	1000~26500	-34.02	-25.79	PASS
	Ant1	2452	Reference	3.09	3.09	---	PASS
			0.009~30	0.009~30	-73.94	-36.91	PASS
			30~1000	30~1000	-62.58	-26.91	PASS
			1000~26500	1000~26500	-36.52	-26.91	PASS
	Ant2	2452	Reference	2.37	2.37	---	PASS
			0.009~30	0.009~30	-74.78	-37.63	PASS
			30~1000	30~1000	-63.08	-27.63	PASS
			1000~26500	1000~26500	-37.1	-27.63	PASS
	Ant1	2457	Reference	-1.14	-1.14	---	PASS
			0.009~30	0.009~30	-73.66	-41.14	PASS
			30~1000	30~1000	-62.05	-31.14	PASS
			1000~26500	1000~26500	-37.11	-31.14	PASS
	Ant2	2457	Reference	0.39	0.39	---	PASS
			0.009~30	0.009~30	-75.11	-39.61	PASS
			30~1000	30~1000	-62.63	-29.61	PASS
			1000~26500	1000~26500	-37.57	-29.61	PASS
	Ant1	2462	Reference	-4.53	-4.53	---	PASS
0.009~30			0.009~30	-71.3	-44.53	PASS	
30~1000			30~1000	-60.25	-34.53	PASS	
1000~26500			1000~26500	-35.61	-34.53	PASS	
Ant2	2462	Reference	-3.64	-3.64	---	PASS	
		0.009~30	0.009~30	-72	-43.64	PASS	
		30~1000	30~1000	-60.76	-33.64	PASS	
		1000~26500	1000~26500	-35.22	-33.64	PASS	
11N20SISO	Ant1	2412	Reference	-2.08	-2.08	---	PASS
			0.009~30	0.009~30	-71.64	-42.08	PASS



			30~1000	30~1000	-60.48	-32.08	PASS
			1000~26500	1000~26500	-35.16	-32.08	PASS
	Ant2	2412	Reference	-2.69	-2.69	---	PASS
			0.009~30	0.009~30	-72.89	-42.69	PASS
			30~1000	30~1000	-61.54	-32.69	PASS
			1000~26500	1000~26500	-35.74	-32.69	PASS
			Reference	-0.40	-0.40	---	PASS
	Ant1	2417	0.009~30	0.009~30	-74.44	-40.4	PASS
			30~1000	30~1000	-63.12	-30.4	PASS
			1000~26500	1000~26500	-36.67	-30.4	PASS
			Reference	0.71	0.71	---	PASS
	Ant2	2417	0.009~30	0.009~30	-74.85	-39.29	PASS
			30~1000	30~1000	-62.99	-29.29	PASS
			1000~26500	1000~26500	-37.49	-29.29	PASS
			Reference	1.53	1.53	---	PASS
	Ant1	2422	0.009~30	0.009~30	-73.25	-38.47	PASS
			30~1000	30~1000	-61.96	-28.47	PASS
			1000~26500	1000~26500	-36.61	-28.47	PASS
			Reference	2.02	2.02	---	PASS
	Ant2	2422	0.009~30	0.009~30	-74.98	-37.98	PASS
			30~1000	30~1000	-63.1	-27.98	PASS
			1000~26500	1000~26500	-36.66	-27.98	PASS
			Reference	3.49	3.49	---	PASS
	Ant1	2437	0.009~30	0.009~30	-72.3	-36.51	PASS
			30~1000	30~1000	-60.73	-26.51	PASS
			1000~26500	1000~26500	-34.43	-26.51	PASS
			Reference	3.96	3.96	---	PASS
	Ant2	2437	0.009~30	0.009~30	-72.77	-36.04	PASS
30~1000			30~1000	-60.88	-26.04	PASS	
1000~26500			1000~26500	-35.66	-26.04	PASS	
Reference			1.41	1.41	---	PASS	
Ant1	2452	0.009~30	0.009~30	-74.82	-38.59	PASS	
		30~1000	30~1000	-62.58	-28.59	PASS	
		1000~26500	1000~26500	-36.86	-28.59	PASS	
		Reference	0.84	0.84	---	PASS	
Ant2	2452	0.009~30	0.009~30	-74	-39.16	PASS	
		30~1000	30~1000	-63.2	-29.16	PASS	
		Reference	0.84	0.84	---	PASS	



	Ant1	2457	1000~26500	1000~26500	-37.97	-29.16	PASS
			Reference	0.26	0.26	---	PASS
			0.009~30	0.009~30	-74.08	-39.74	PASS
			30~1000	30~1000	-62.76	-29.74	PASS
	Ant2	2457	1000~26500	1000~26500	-36.46	-29.74	PASS
			Reference	-0.74	-0.74	---	PASS
			0.009~30	0.009~30	-75.09	-40.74	PASS
			30~1000	30~1000	-63.11	-30.74	PASS
	Ant1	2462	1000~26500	1000~26500	-37.21	-30.74	PASS
			Reference	-5.59	-5.59	---	PASS
			0.009~30	0.009~30	-72.54	-45.59	PASS
			30~1000	30~1000	-60.35	-35.59	PASS
	Ant2	2462	1000~26500	1000~26500	-35.64	-35.59	PASS
			Reference	-4.31	-4.31	---	PASS
			0.009~30	0.009~30	-72.89	-44.31	PASS
			30~1000	30~1000	-61.39	-34.31	PASS
11N40SISO	Ant1	2422	1000~26500	1000~26500	-35.58	-34.31	PASS
			Reference	-9.28	-9.28	---	PASS
			0.009~30	0.009~30	-73.85	-49.28	PASS
			30~1000	30~1000	-62.21	-39.28	PASS
	Ant2	2422	1000~26500	1000~26500	-47.12	-39.28	PASS
			Reference	-9.36	-9.36	---	PASS
			0.009~30	0.009~30	-74.62	-49.36	PASS
			30~1000	30~1000	-62.73	-39.36	PASS
	Ant1	2427	1000~26500	1000~26500	-47.94	-39.36	PASS
			Reference	-6.98	-6.98	---	PASS
			0.009~30	0.009~30	-73.41	-46.98	PASS
			30~1000	30~1000	-62.35	-36.98	PASS
	Ant2	2427	1000~26500	1000~26500	-46.68	-36.98	PASS
			Reference	-7.14	-7.14	---	PASS
			0.009~30	0.009~30	-75.47	-47.14	PASS
			30~1000	30~1000	-62.97	-37.14	PASS
	Ant1	2432	1000~26500	1000~26500	-47.03	-37.14	PASS
			Reference	-6.17	-6.17	---	PASS
			0.009~30	0.009~30	-74.71	-46.17	PASS
			30~1000	30~1000	-62.57	-36.17	PASS
			1000~26500	1000~26500	-46.91	-36.17	PASS
			Reference	-6.17	-6.17	---	PASS
			0.009~30	0.009~30	-74.71	-46.17	PASS
			30~1000	30~1000	-62.57	-36.17	PASS



	Ant2	2432	Reference	-6.75	-6.75	---	PASS
			0.009~30	0.009~30	-75.29	-46.75	PASS
			30~1000	30~1000	-63.59	-36.75	PASS
			1000~26500	1000~26500	-47.09	-36.75	PASS
	Ant1	2437	Reference	-2.99	-2.99	---	PASS
			0.009~30	0.009~30	-72.37	-42.99	PASS
			30~1000	30~1000	-61.01	-32.99	PASS
			1000~26500	1000~26500	-34.75	-32.99	PASS
	Ant2	2437	Reference	-3.92	-3.92	---	PASS
			0.009~30	0.009~30	-73.06	-43.92	PASS
			30~1000	30~1000	-61.24	-33.92	PASS
			1000~26500	1000~26500	-35.74	-33.92	PASS
	Ant1	2442	Reference	-7.94	-7.94	---	PASS
			0.009~30	0.009~30	-74.18	-47.94	PASS
			30~1000	30~1000	-62.6	-37.94	PASS
			1000~26500	1000~26500	-46.85	-37.94	PASS
	Ant2	2442	Reference	-8.40	-8.40	---	PASS
			0.009~30	0.009~30	-74.41	-48.4	PASS
			30~1000	30~1000	-63.29	-38.4	PASS
			1000~26500	1000~26500	-46.33	-38.4	PASS
	Ant1	2447	Reference	-8.75	-8.75	---	PASS
			0.009~30	0.009~30	-73.78	-48.75	PASS
			30~1000	30~1000	-62.66	-38.75	PASS
			1000~26500	1000~26500	-47.42	-38.75	PASS
	Ant2	2447	Reference	-9.13	-9.13	---	PASS
			0.009~30	0.009~30	-74.75	-49.13	PASS
			30~1000	30~1000	-61.89	-39.13	PASS
			1000~26500	1000~26500	-47.12	-39.13	PASS
Ant1	2452	Reference	-8.92	-8.92	---	PASS	
		0.009~30	0.009~30	-73.81	-48.92	PASS	
		30~1000	30~1000	-62.62	-38.92	PASS	
		1000~26500	1000~26500	-46.93	-38.92	PASS	
Ant2	2452	Reference	-9.64	-9.64	---	PASS	
		0.009~30	0.009~30	-74.33	-49.64	PASS	
		30~1000	30~1000	-62.87	-39.64	PASS	
		1000~26500	1000~26500	-46.93	-39.64	PASS	
11G-CDD	Ant1	2412	Reference	-1.25	-1.25	---	PASS



			0.009~30	0.009~30	-73.01	-41.25	PASS
			30~1000	30~1000	-59.34	-31.25	PASS
			1000~26500	1000~26500	-33.75	-31.25	PASS
	Ant2	2412	Reference	-1.11	-1.11	---	PASS
			0.009~30	0.009~30	-72.58	-41.11	PASS
			30~1000	30~1000	-60.74	-31.11	PASS
			1000~26500	1000~26500	-35.53	-31.11	PASS
	Ant1	2417	Reference	0.09	0.09	---	PASS
			0.009~30	0.009~30	-73.83	-39.91	PASS
			30~1000	30~1000	-62.59	-29.91	PASS
			1000~26500	1000~26500	-36.92	-29.91	PASS
	Ant2	2417	Reference	0.07	0.07	---	PASS
			0.009~30	0.009~30	-74.73	-39.93	PASS
			30~1000	30~1000	-63.06	-29.93	PASS
			1000~26500	1000~26500	-37.07	-29.93	PASS
	Ant1	2437	Reference	5.08	5.08	---	PASS
			0.009~30	0.009~30	-72.35	-34.92	PASS
			30~1000	30~1000	-59.63	-24.92	PASS
			1000~26500	1000~26500	-34.95	-24.92	PASS
	Ant2	2437	Reference	4.77	4.77	---	PASS
			0.009~30	0.009~30	-72.85	-35.23	PASS
			30~1000	30~1000	-60.1	-25.23	PASS
			1000~26500	1000~26500	-34.94	-25.23	PASS
	Ant1	2452	Reference	2.12	2.12	---	PASS
			0.009~30	0.009~30	-73.72	-37.88	PASS
			30~1000	30~1000	-62.91	-27.88	PASS
			1000~26500	1000~26500	-36.46	-27.88	PASS
	Ant2	2452	Reference	1.93	1.93	---	PASS
0.009~30			0.009~30	-75.07	-38.07	PASS	
30~1000			30~1000	-62.92	-28.07	PASS	
1000~26500			1000~26500	-37.24	-28.07	PASS	
Ant1	2457	Reference	1.22	1.22	---	PASS	
		0.009~30	0.009~30	-74.61	-38.78	PASS	
		30~1000	30~1000	-62.57	-28.78	PASS	
		1000~26500	1000~26500	-37.16	-28.78	PASS	
Ant2	2457	Reference	0.38	0.38	---	PASS	
		0.009~30	0.009~30	-75.49	-39.62	PASS	





	Ant1	2462	30~1000	30~1000	-63.01	-29.62	PASS	
			1000~26500	1000~26500	-37.13	-29.62	PASS	
			Reference	-3.44	-3.44	---	PASS	
			0.009~30	0.009~30	-72.34	-43.44	PASS	
			30~1000	30~1000	-60.2	-33.44	PASS	
			1000~26500	1000~26500	-35.41	-33.44	PASS	
	Ant2	2462	Reference	-4.50	-4.50	---	PASS	
			0.009~30	0.009~30	-72.97	-44.5	PASS	
			30~1000	30~1000	-61.26	-34.5	PASS	
			1000~26500	1000~26500	-35	-34.5	PASS	
	11N20MIMO	Ant1	2412	Reference	-1.73	-1.73	---	PASS
				0.009~30	0.009~30	-71.97	-41.73	PASS
30~1000				30~1000	-60.58	-31.73	PASS	
1000~26500				1000~26500	-35.3	-31.73	PASS	
Ant2		2412	Reference	-2.01	-2.01	---	PASS	
			0.009~30	0.009~30	-72.89	-42.01	PASS	
			30~1000	30~1000	-60.76	-32.01	PASS	
			1000~26500	1000~26500	-35.63	-32.01	PASS	
Ant1		2417	Reference	0.38	0.38	---	PASS	
			0.009~30	0.009~30	-73.71	-39.62	PASS	
			30~1000	30~1000	-62.55	-29.62	PASS	
			1000~26500	1000~26500	-36.93	-29.62	PASS	
Ant2		2417	Reference	1.00	1.00	---	PASS	
			0.009~30	0.009~30	-73.64	-39	PASS	
			30~1000	30~1000	-62.44	-29	PASS	
			1000~26500	1000~26500	-37.34	-29	PASS	
Ant1		2422	Reference	1.70	1.70	---	PASS	
			0.009~30	0.009~30	-73.7	-38.3	PASS	
			30~1000	30~1000	-62.58	-28.3	PASS	
			1000~26500	1000~26500	-36.63	-28.3	PASS	
Ant2		2422	Reference	1.64	1.64	---	PASS	
			0.009~30	0.009~30	-74.42	-38.36	PASS	
			30~1000	30~1000	-63.07	-28.36	PASS	
			1000~26500	1000~26500	-37.57	-28.36	PASS	
Ant1	2437	Reference	4.13	4.13	---	PASS		
		0.009~30	0.009~30	-72.07	-35.87	PASS		
		30~1000	30~1000	-60.16	-25.87	PASS		



	Ant2	2437	1000~26500	1000~26500	-34.16	-25.87	PASS
			Reference	3.79	3.79	---	PASS
			0.009~30	0.009~30	-72.75	-36.21	PASS
			30~1000	30~1000	-60.91	-26.21	PASS
	Ant1	2452	1000~26500	1000~26500	-35.45	-26.21	PASS
			Reference	1.76	1.76	---	PASS
			0.009~30	0.009~30	-73.69	-38.24	PASS
			30~1000	30~1000	-62.56	-28.24	PASS
	Ant2	2452	1000~26500	1000~26500	-36.63	-28.24	PASS
			Reference	1.43	1.43	---	PASS
			0.009~30	0.009~30	-74	-38.57	PASS
			30~1000	30~1000	-62.15	-28.57	PASS
	Ant1	2457	1000~26500	1000~26500	-37.55	-28.57	PASS
			Reference	0.08	0.08	---	PASS
			0.009~30	0.009~30	-74.58	-39.92	PASS
			30~1000	30~1000	-61.99	-29.92	PASS
	Ant2	2457	1000~26500	1000~26500	-43.53	-29.92	PASS
			Reference	-0.94	-0.94	---	PASS
			0.009~30	0.009~30	-74.02	-40.94	PASS
			30~1000	30~1000	-63.56	-30.94	PASS
Ant1	2462	1000~26500	1000~26500	-37.77	-30.94	PASS	
		Reference	-6.61	-6.61	---	PASS	
		0.009~30	0.009~30	-74.87	-46.61	PASS	
		30~1000	30~1000	-62.16	-36.61	PASS	
Ant2	2462	1000~26500	1000~26500	-47.37	-36.61	PASS	
		Reference	-6.30	-6.30	---	PASS	
		0.009~30	0.009~30	-75.18	-46.3	PASS	
		30~1000	30~1000	-62.99	-36.3	PASS	
11N40MIMO	Ant1	2422	1000~26500	1000~26500	-47.68	-36.3	PASS
			Reference	-8.48	-8.48	---	PASS
			0.009~30	0.009~30	-74.34	-48.48	PASS
			30~1000	30~1000	-61.99	-38.48	PASS
	Ant2	2422	1000~26500	1000~26500	-44.92	-38.48	PASS
			Reference	-8.72	-8.72	---	PASS
			0.009~30	0.009~30	-74.76	-48.72	PASS
			30~1000	30~1000	-63.24	-38.72	PASS
			1000~26500	1000~26500	-47.91	-38.72	PASS



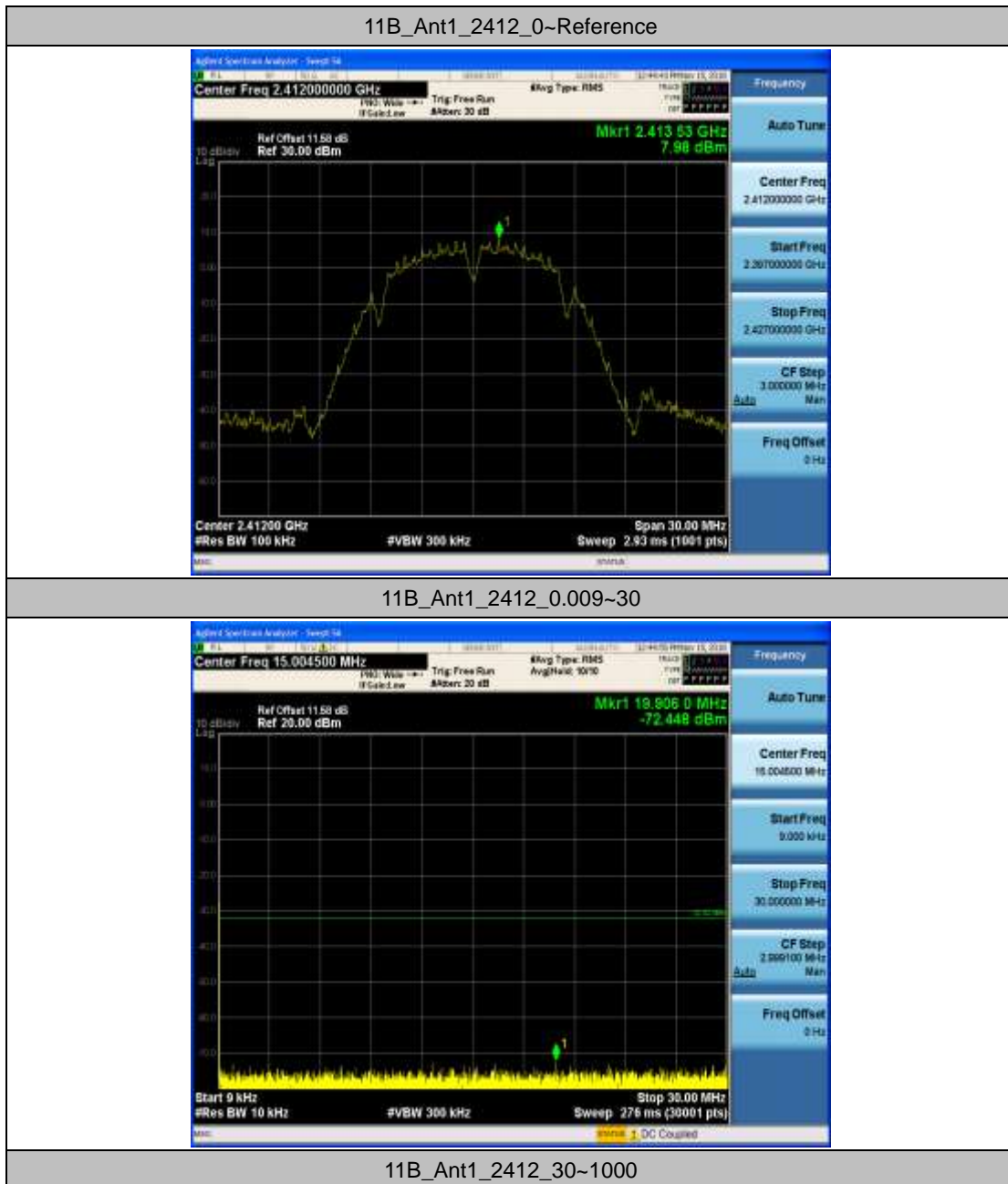
	Ant1	2427	Reference	-7.15	-7.15	---	PASS
			0.009~30	0.009~30	-74.07	-47.15	PASS
			30~1000	30~1000	-62.16	-37.15	PASS
			1000~26500	1000~26500	-47.26	-37.15	PASS
	Ant2	2427	Reference	-7.15	-7.15	---	PASS
			0.009~30	0.009~30	-74.81	-47.15	PASS
			30~1000	30~1000	-62.36	-37.15	PASS
			1000~26500	1000~26500	-47.26	-37.15	PASS
	Ant1	2432	Reference	-6.02	-6.02	---	PASS
			0.009~30	0.009~30	-73.92	-46.02	PASS
			30~1000	30~1000	-62.41	-36.02	PASS
			1000~26500	1000~26500	-47.3	-36.02	PASS
	Ant2	2432	Reference	-6.31	-6.31	---	PASS
			0.009~30	0.009~30	-73.76	-46.31	PASS
			30~1000	30~1000	-62.92	-36.31	PASS
			1000~26500	1000~26500	-47.02	-36.31	PASS
	Ant1	2437	Reference	-2.92	-2.92	---	PASS
			0.009~30	0.009~30	-71.72	-42.92	PASS
			30~1000	30~1000	-59.64	-32.92	PASS
			1000~26500	1000~26500	-34.54	-32.92	PASS
	Ant2	2437	Reference	-3.13	-3.13	---	PASS
			0.009~30	0.009~30	-72.27	-43.13	PASS
			30~1000	30~1000	-59.56	-33.13	PASS
			1000~26500	1000~26500	-35.89	-33.13	PASS
	Ant1	2442	Reference	-7.86	-7.86	---	PASS
			0.009~30	0.009~30	-73.65	-47.86	PASS
			30~1000	30~1000	-62.66	-37.86	PASS
			1000~26500	1000~26500	-47.36	-37.86	PASS
	Ant2	2442	Reference	-8.72	-8.72	---	PASS
			0.009~30	0.009~30	-74.07	-48.72	PASS
			30~1000	30~1000	-62.53	-38.72	PASS
			1000~26500	1000~26500	-47.61	-38.72	PASS
Ant1	2447	Reference	-8.11	-8.11	---	PASS	
		0.009~30	0.009~30	-74.36	-48.11	PASS	
		30~1000	30~1000	-62.57	-38.11	PASS	
		1000~26500	1000~26500	-46.62	-38.11	PASS	
Ant2	2447	Reference	-9.05	-9.05	---	PASS	



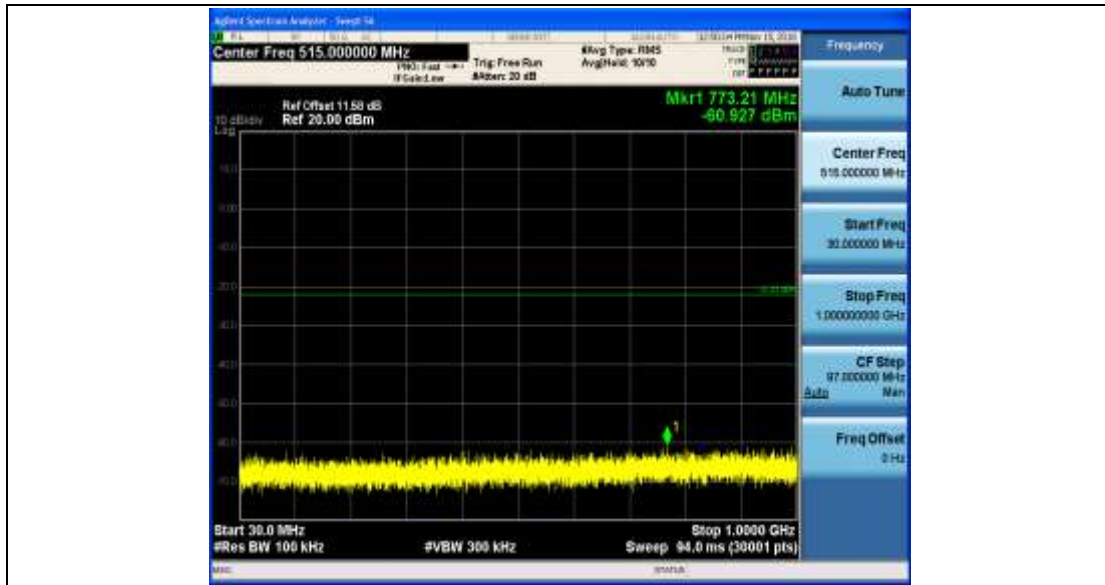
			0.009~30	0.009~30	-73.4	-49.05	PASS	
			30~1000	30~1000	-62.43	-39.05	PASS	
			1000~26500	1000~26500	-46.56	-39.05	PASS	
	Ant1	2452	Reference	-8.74	-8.74	---	PASS	
			0.009~30	0.009~30	-73.15	-48.74	PASS	
			30~1000	30~1000	-62.79	-38.74	PASS	
	Ant2	2452	1000~26500	1000~26500	-46.69	-38.74	PASS	
			Reference	-9.32	-9.32	---	PASS	
			0.009~30	0.009~30	-74.63	-49.32	PASS	
			30~1000	30~1000	-63.12	-39.32	PASS	
				1000~26500	1000~26500	-47.07	-39.32	PASS



### Test Graphs







11B\_Ant1\_2412\_1000~26500



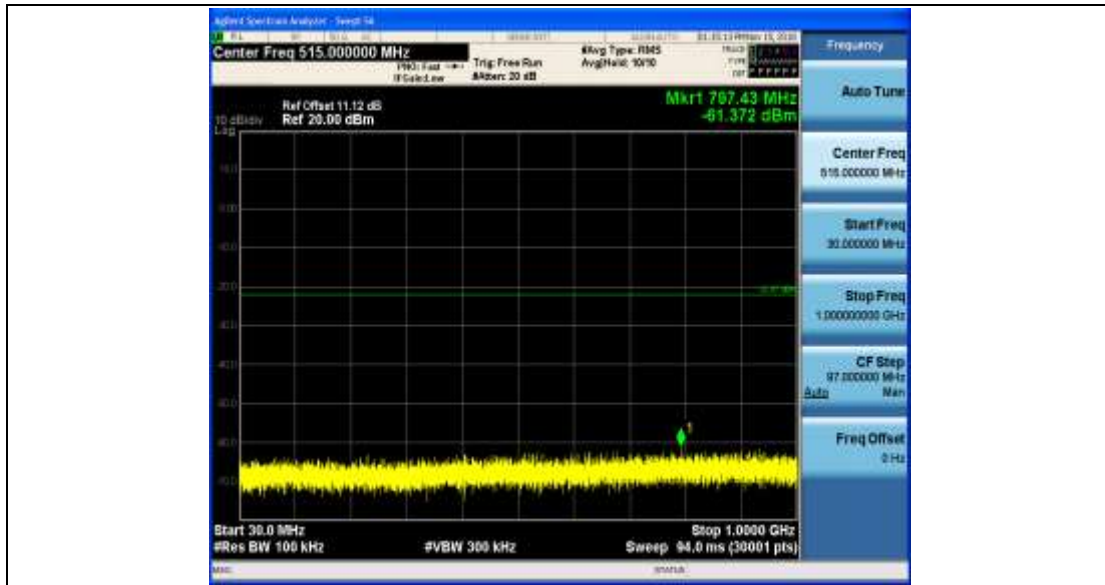
11B\_Ant2\_2412\_0~Reference



11B\_Ant2\_2412\_0.009~30



11B\_Ant2\_2412\_30~1000



11B\_Ant2\_2412\_1000~26500



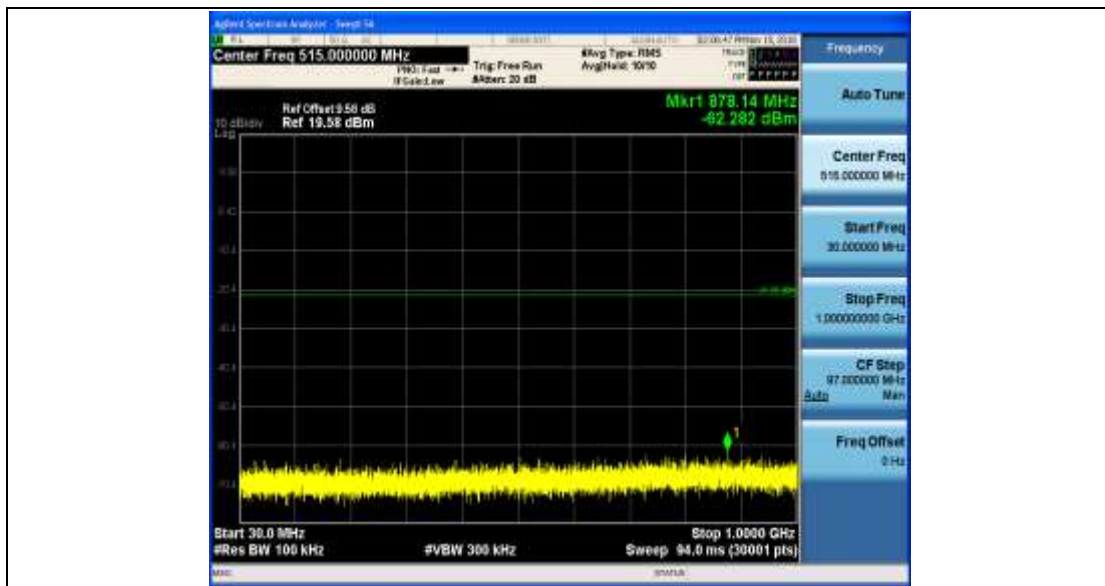
11B\_Ant1\_2417\_0~Reference



11B\_Ant1\_2417\_0.009~30



11B\_Ant1\_2417\_30~1000



11B\_Ant1\_2417\_1000~26500



11B\_Ant2\_2417\_0~Reference

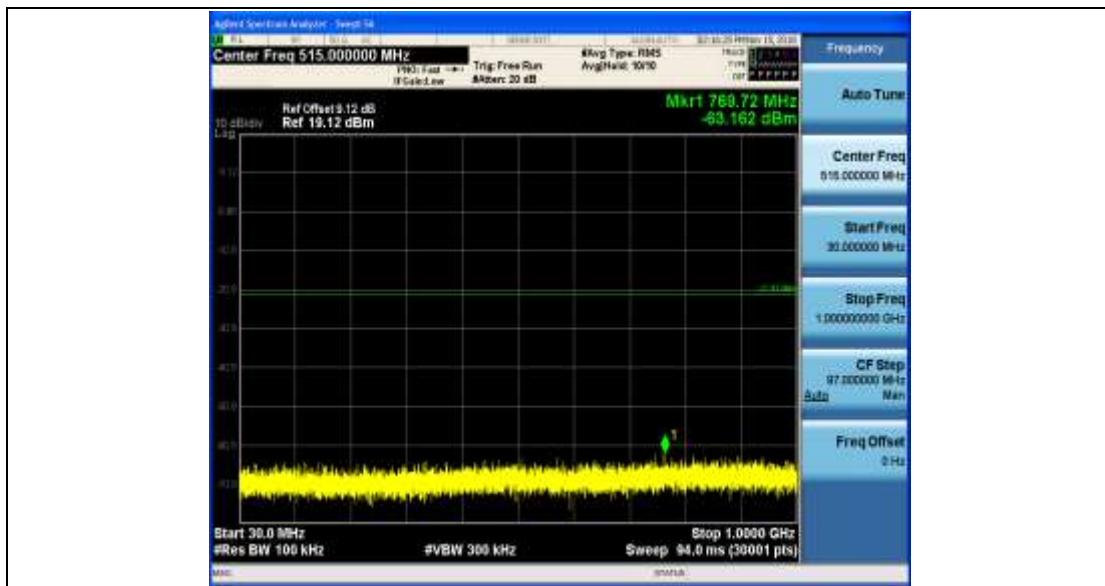


11B\_Ant2\_2417\_0.009~30



11B\_Ant2\_2417\_30~1000





11B\_Ant2\_2417\_1000~26500



11B\_Ant1\_2437\_0~Reference



11B\_Ant1\_2437\_0.009~30



11B\_Ant1\_2437\_30~1000



11B\_Ant1\_2437\_1000~26500



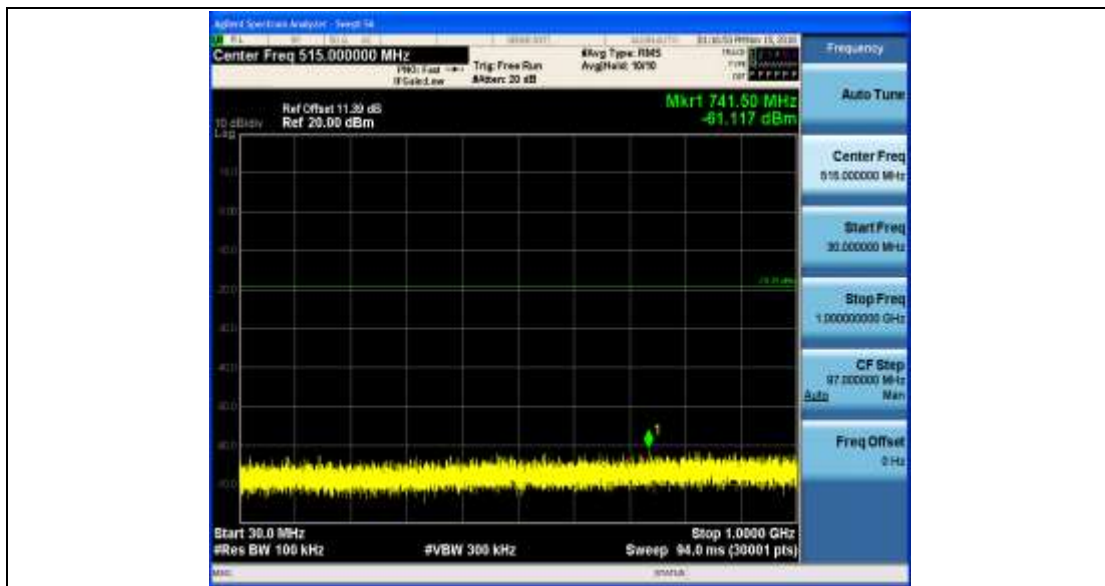
11B\_Ant2\_2437\_0~Reference



11B\_Ant2\_2437\_0.009~30



11B\_Ant2\_2437\_30~1000



11B\_Ant2\_2437\_1000~26500



11B\_Ant1\_2452\_0~Reference

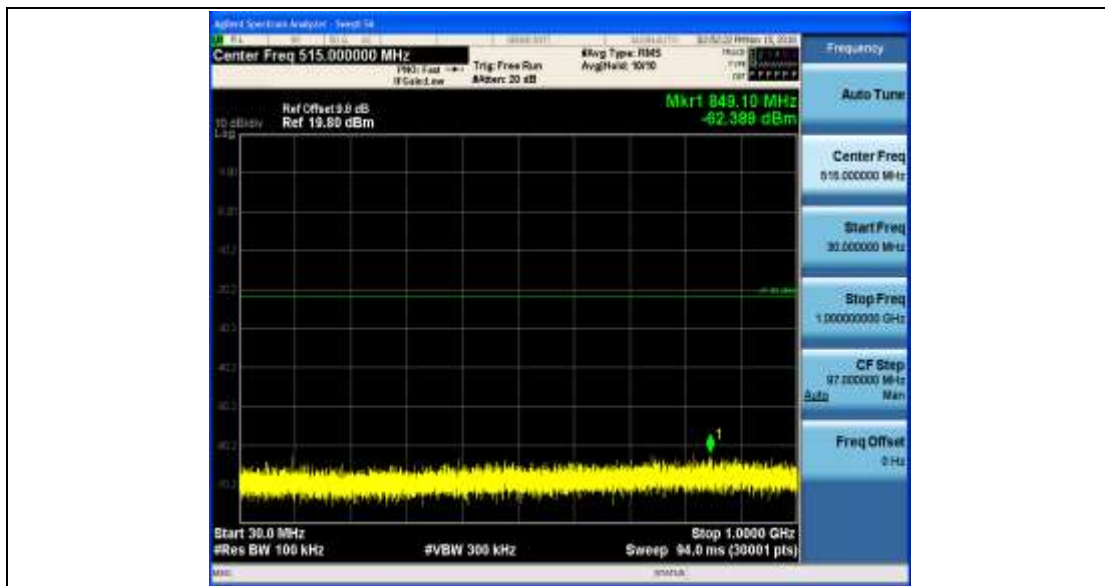


11B\_Ant1\_2452\_0.009~30



11B\_Ant1\_2452\_30~1000





11B\_Ant1\_2452\_1000~26500



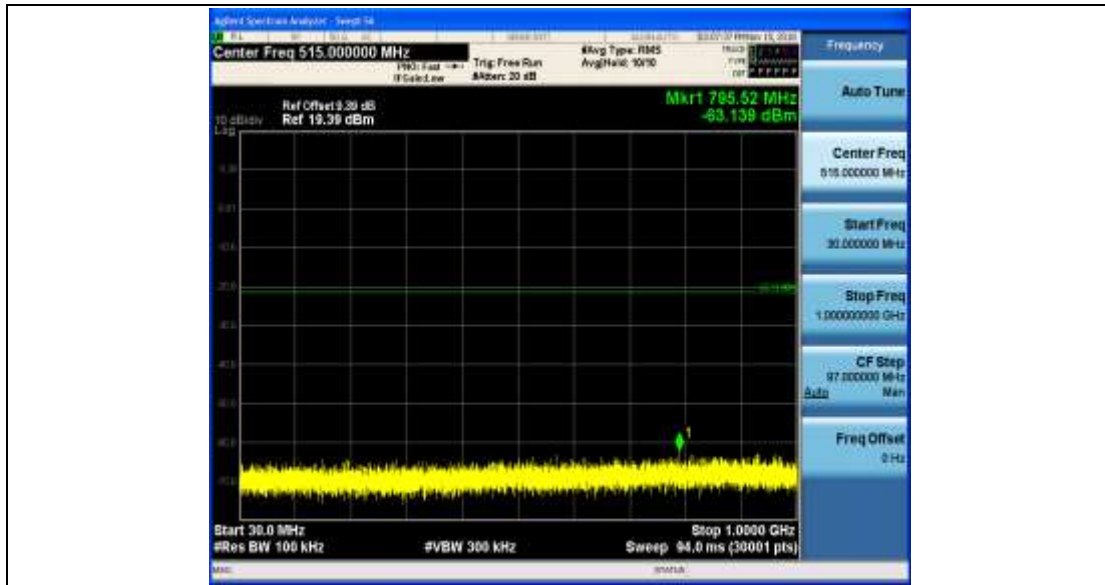
11B\_Ant2\_2452\_0~Reference



11B\_Ant2\_2452\_0.009~30



11B\_Ant2\_2452\_30~1000



11B\_Ant2\_2452\_1000~26500



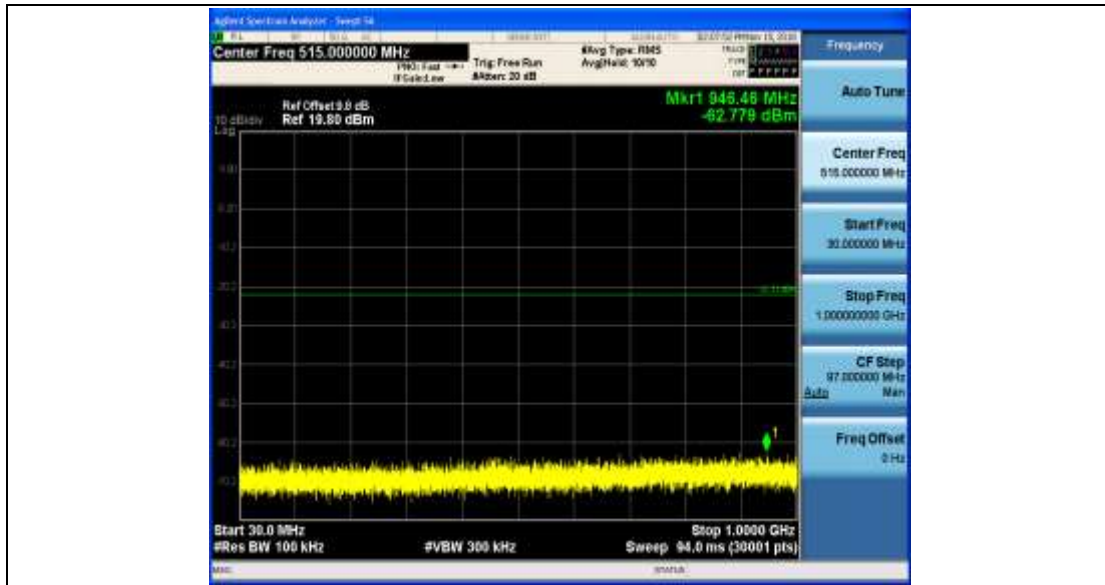
11B\_Ant1\_2457\_0~Reference



11B\_Ant1\_2457\_0.009~30



11B\_Ant1\_2457\_30~1000



11B\_Ant1\_2457\_1000~26500



11B\_Ant2\_2457\_0~Reference

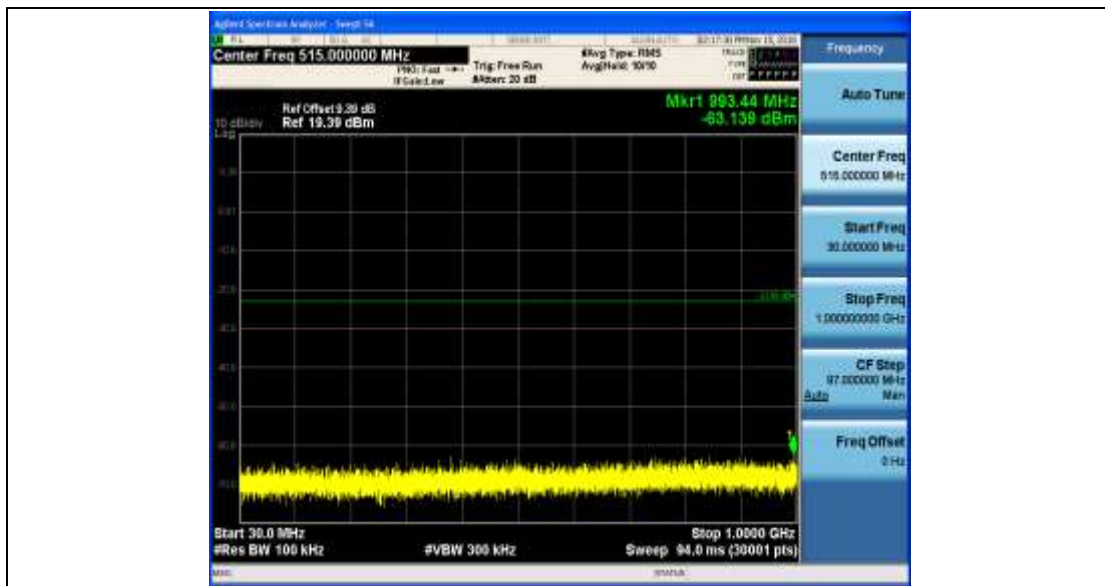


11B\_Ant2\_2457\_0.009~30



11B\_Ant2\_2457\_30~1000





11B\_Ant2\_2457\_1000~26500



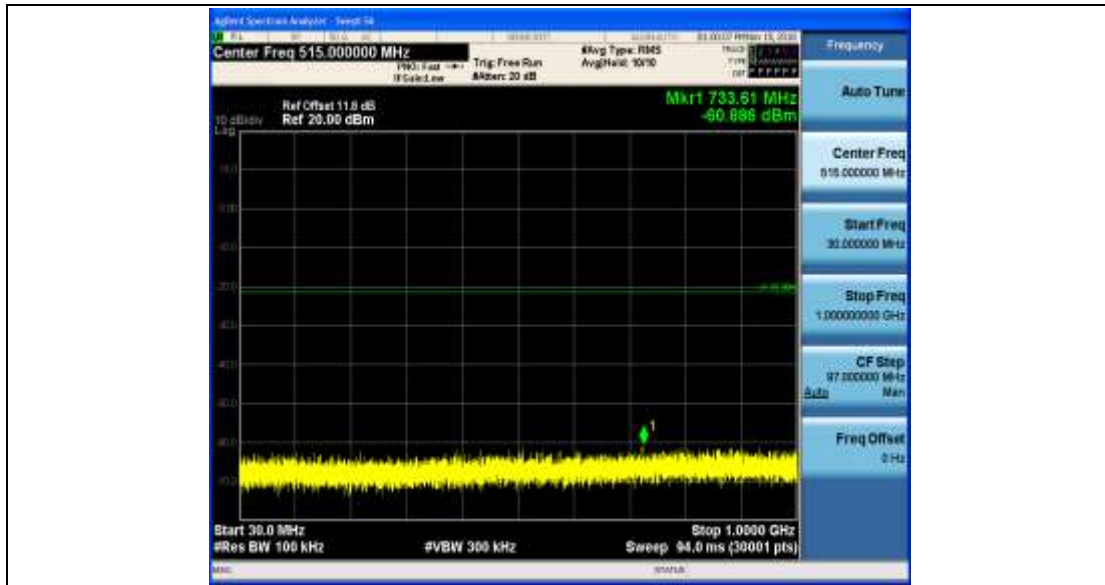
11B\_Ant1\_2462\_0~Reference



11B\_Ant1\_2462\_0.009~30



11B\_Ant1\_2462\_30~1000



11B\_Ant1\_2462\_1000~26500



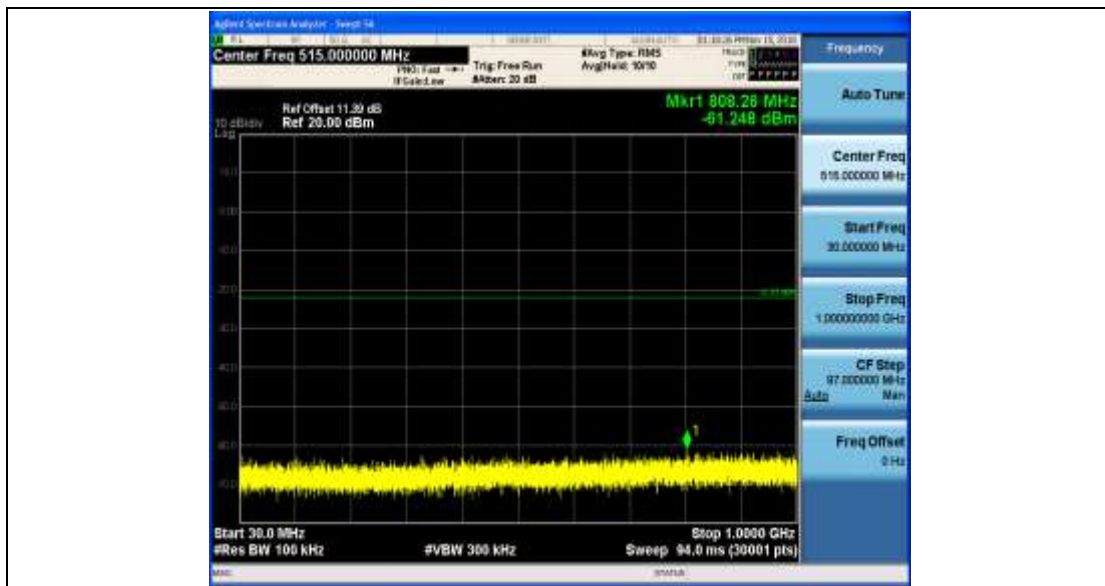
11B\_Ant2\_2462\_0~Reference



11B\_Ant2\_2462\_0.009~30



11B\_Ant2\_2462\_30~1000



11B\_Ant2\_2462\_1000~26500



11G\_Ant1\_2412\_0~Reference

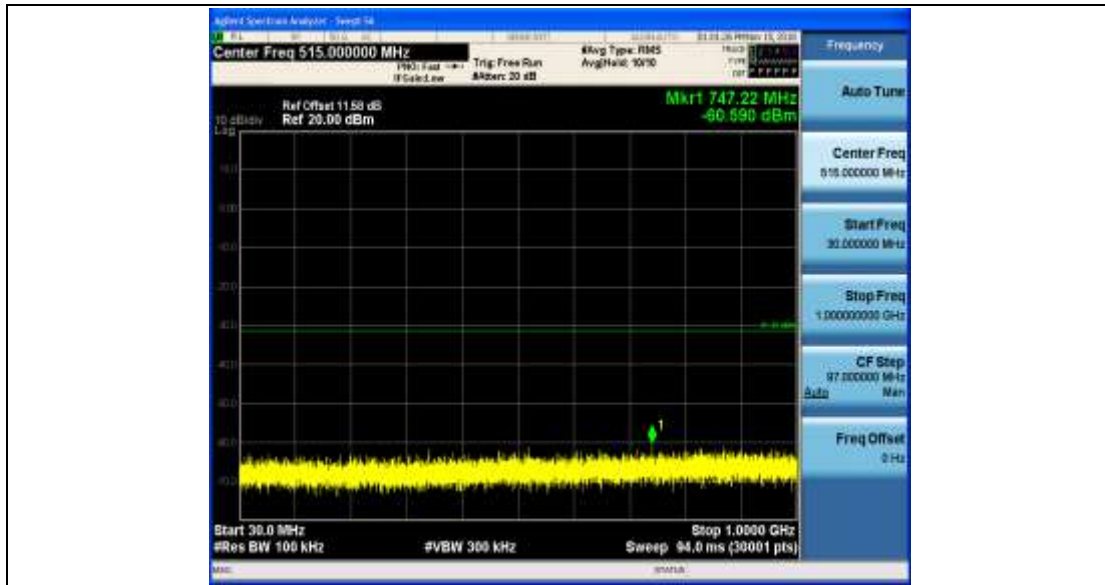


11G\_Ant1\_2412\_0.009~30



11G\_Ant1\_2412\_30~1000





11G\_Ant1\_2412\_1000~26500



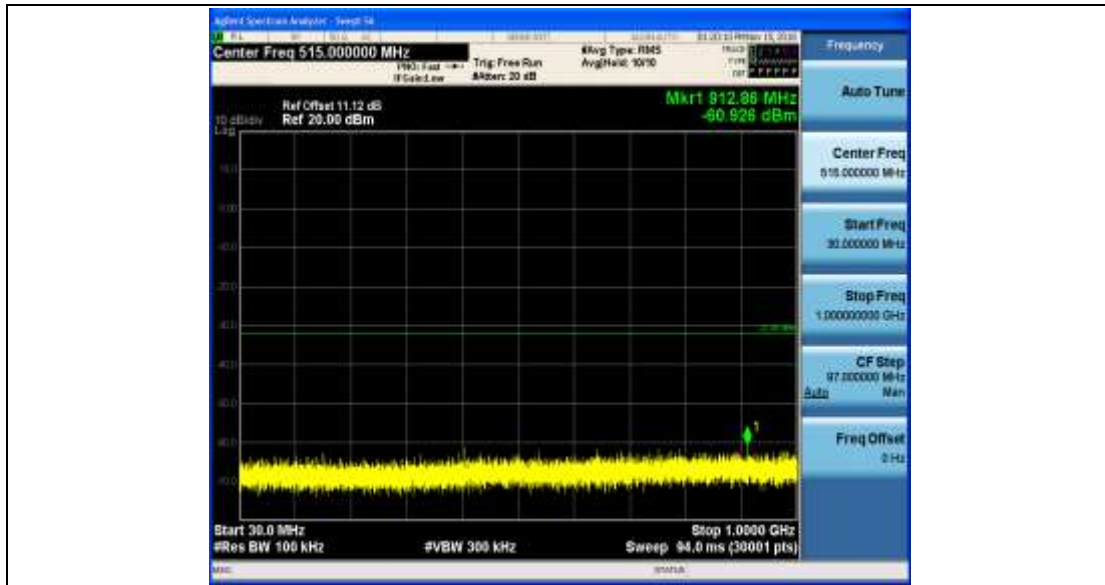
11G\_Ant2\_2412\_0~Reference



11G\_Ant2\_2412\_0.009~30



11G\_Ant2\_2412\_30~1000



11G\_Ant2\_2412\_1000~26500



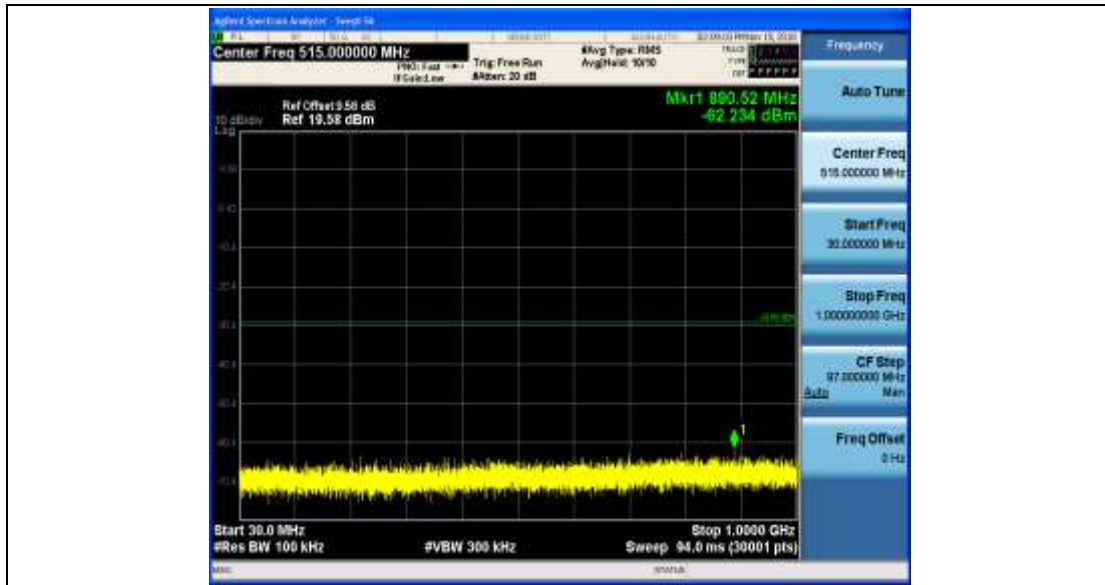
11G\_Ant1\_2417\_0~Reference



11G\_Ant1\_2417\_0.009~30



11G\_Ant1\_2417\_30~1000



11G\_Ant1\_2417\_1000~26500



11G\_Ant2\_2417\_0~Reference



11G\_Ant2\_2417\_0.009~30



11G\_Ant2\_2417\_30~1000





11G\_Ant2\_2417\_1000~26500



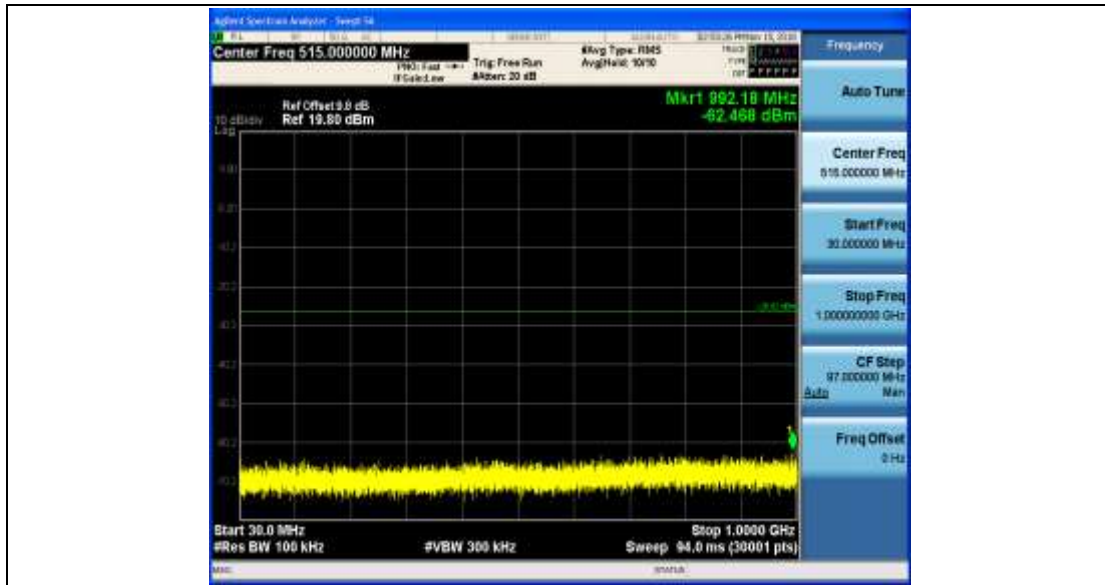
11G\_Ant1\_2422\_0~Reference



11G\_Ant1\_2422\_0.009~30



11G\_Ant1\_2422\_30~1000



11G\_Ant1\_2422\_1000~26500



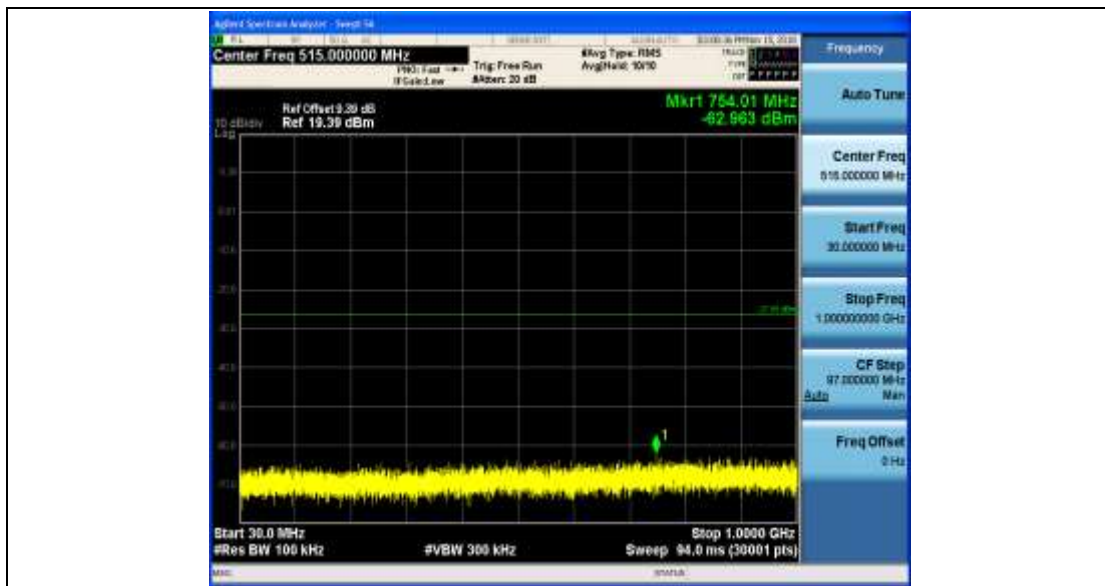
11G\_Ant2\_2422\_0~Reference



11G\_Ant2\_2422\_0.009~30



11G\_Ant2\_2422\_30~1000



11G\_Ant2\_2422\_1000~26500



11G\_Ant1\_2437\_0~Reference

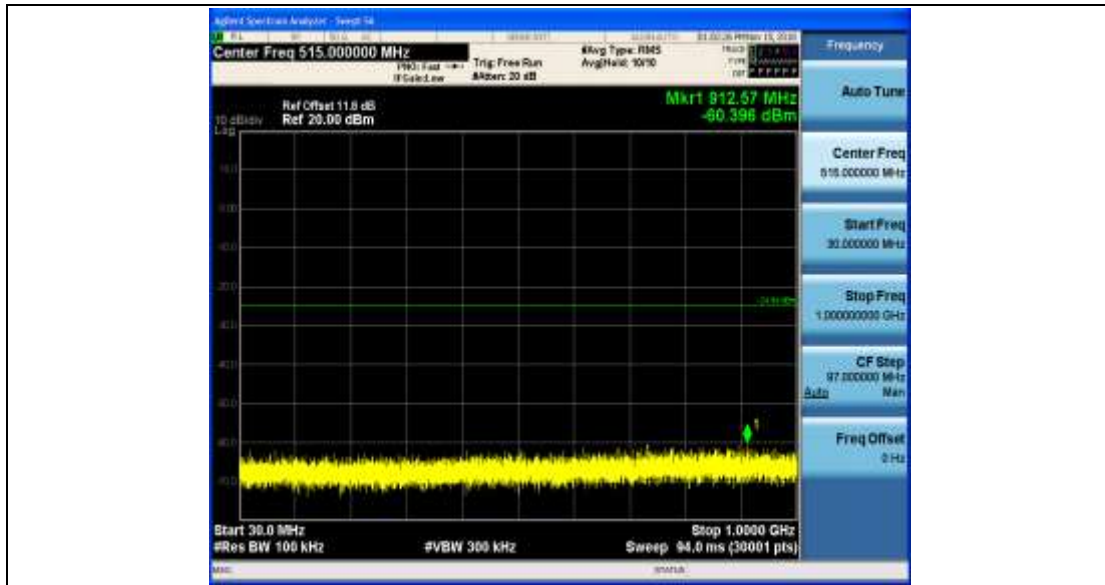


11G\_Ant1\_2437\_0.009~30



11G\_Ant1\_2437\_30~1000





11G\_Ant1\_2437\_1000~26500



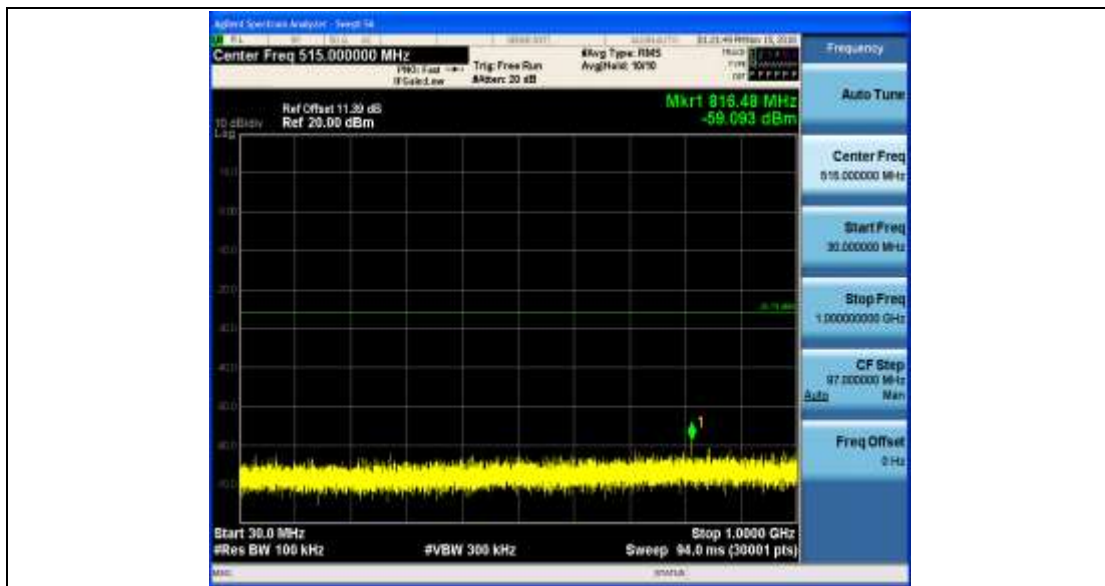
11G\_Ant2\_2437\_0~Reference



11G\_Ant2\_2437\_0.009~30



11G\_Ant2\_2437\_30~1000



11G\_Ant2\_2437\_1000~26500



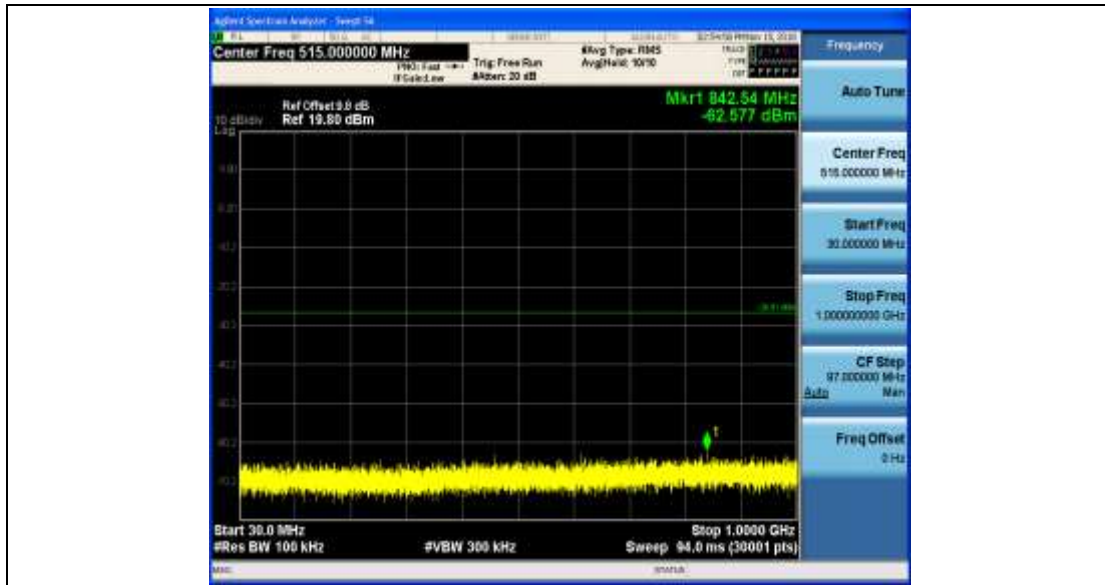
11G\_Ant1\_2452\_0~Reference



11G\_Ant1\_2452\_0.009~30



11G\_Ant1\_2452\_30~1000



11G\_Ant1\_2452\_1000~26500



11G\_Ant2\_2452\_0~Reference

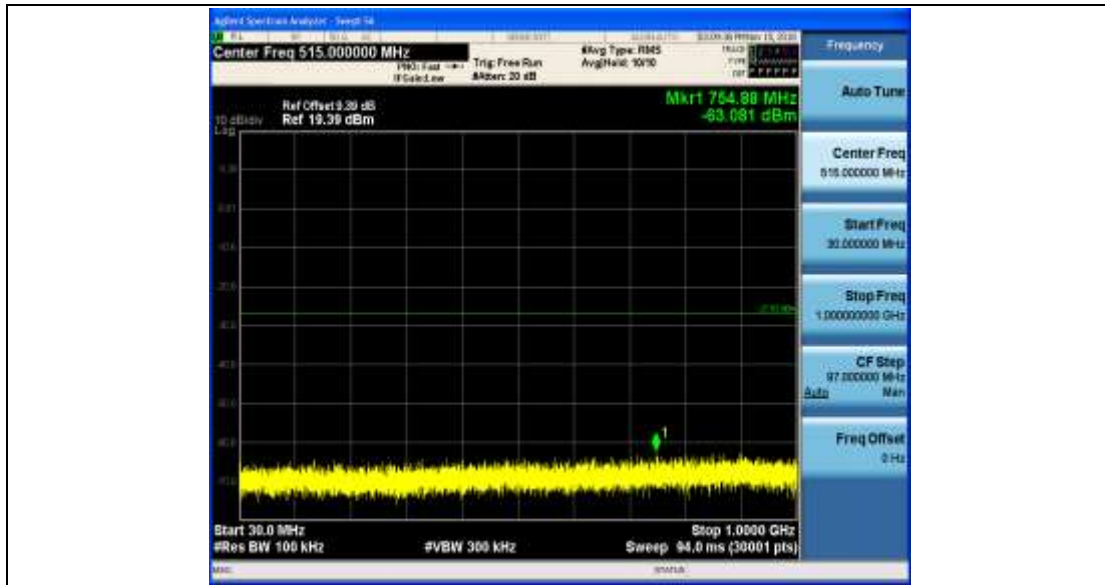


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11G\_Ant2\_2452\_30~1000





11G\_Ant2\_2452\_1000~26500



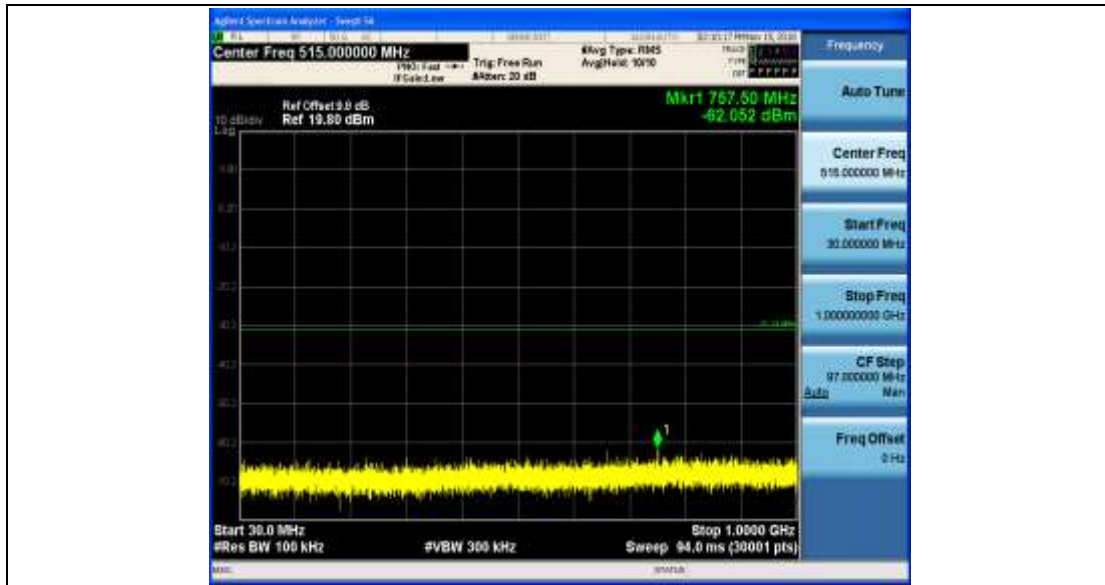
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11G\_Ant1\_2457\_0.009~30



11G\_Ant1\_2457\_30~1000



11G\_Ant1\_2457\_1000~26500



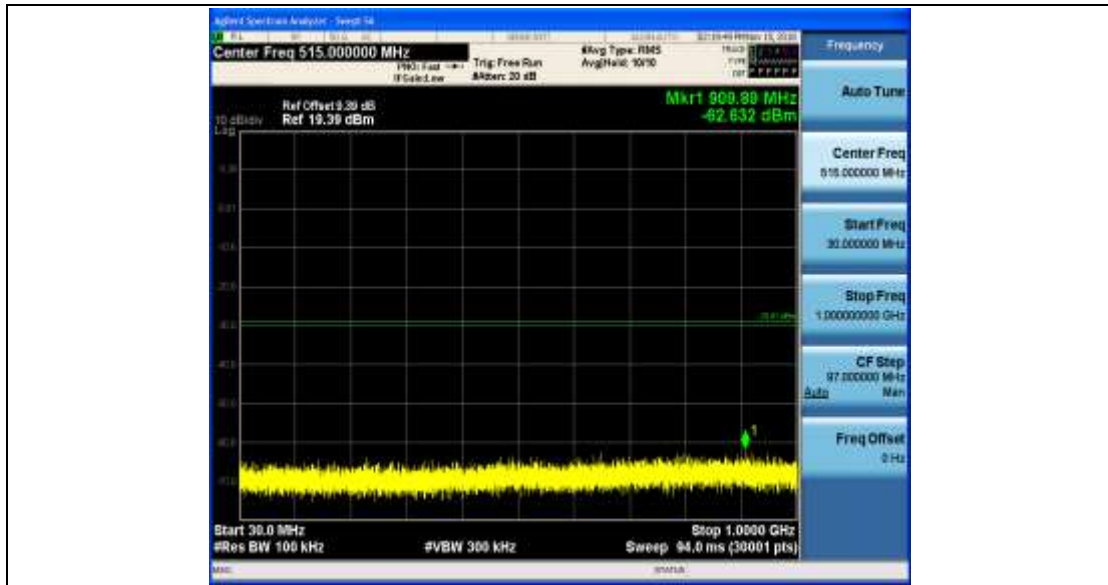
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11G\_Ant2\_2457\_0.009~30



11G\_Ant2\_2457\_30~1000



11G\_Ant2\_2457\_1000~26500



11G\_Ant1\_2462\_0~Reference

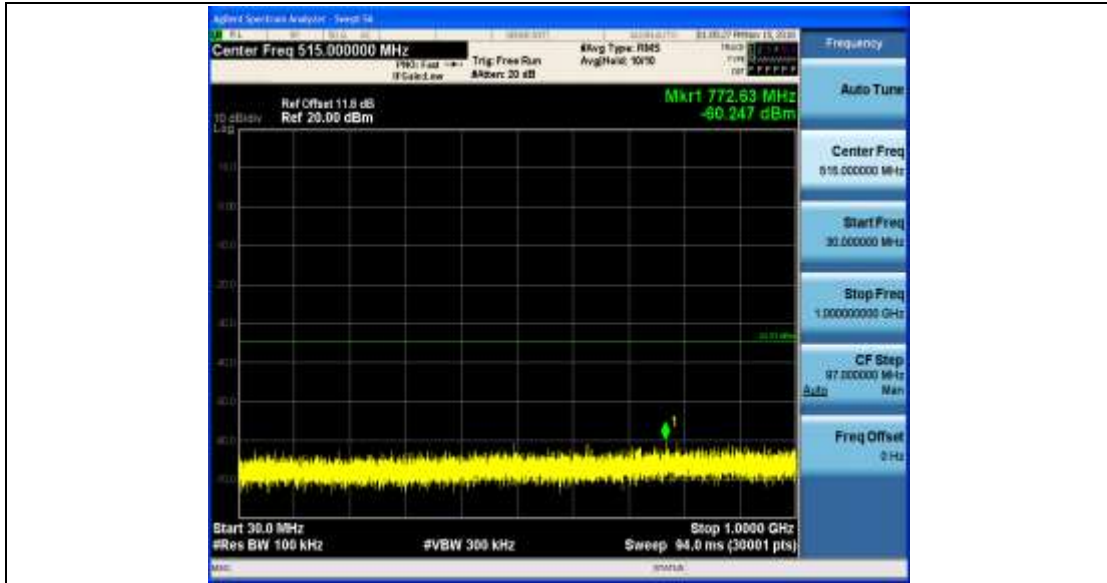


11G\_Ant1\_2462\_0.009~30



11G\_Ant1\_2462\_30~1000





11G\_Ant1\_2462\_1000~26500



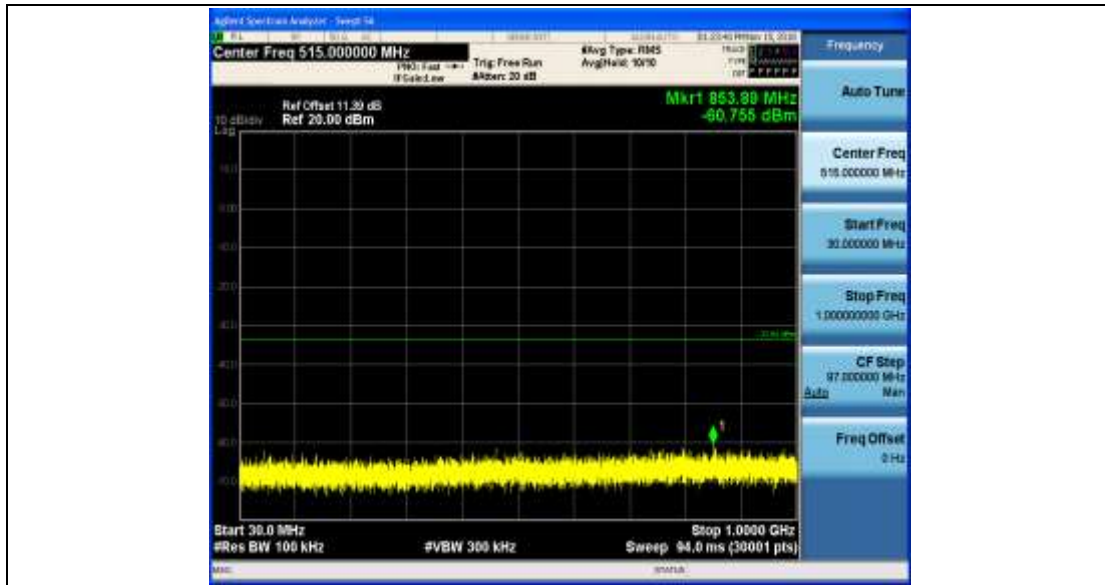
11G\_Ant2\_2462\_0~Reference



11G\_Ant2\_2462\_0.009~30



11G\_Ant2\_2462\_30~1000



11G\_Ant2\_2462\_1000~26500



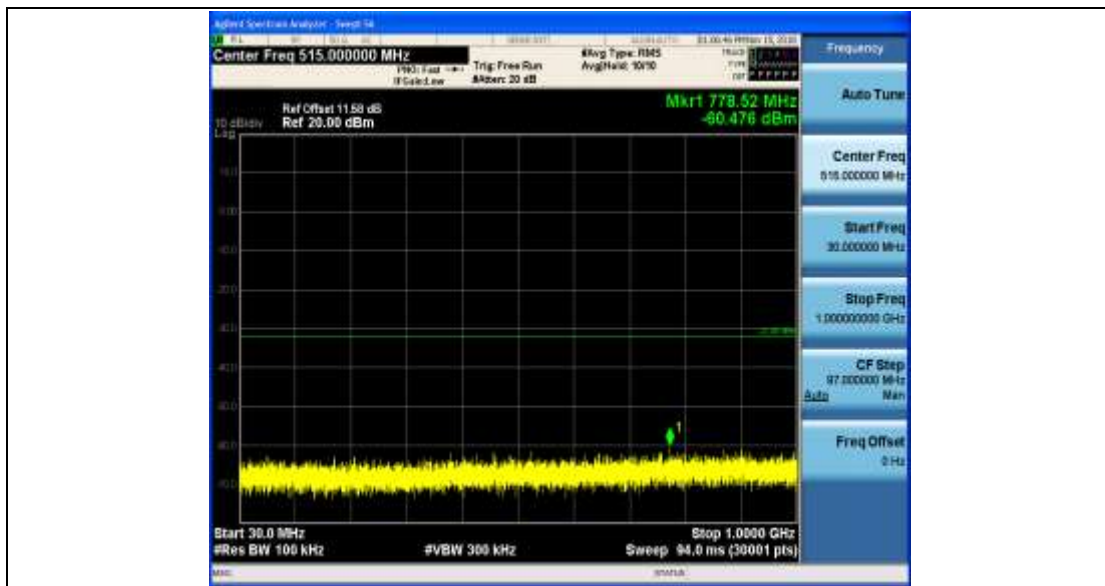
11N20SISO\_Ant1\_2412\_0~Reference



11N20SISO\_Ant1\_2412\_0.009~30



11N20SISO\_Ant1\_2412\_30~1000



11N20SISO\_Ant1\_2412\_1000~26500



11N20SISO\_Ant2\_2412\_0~Reference

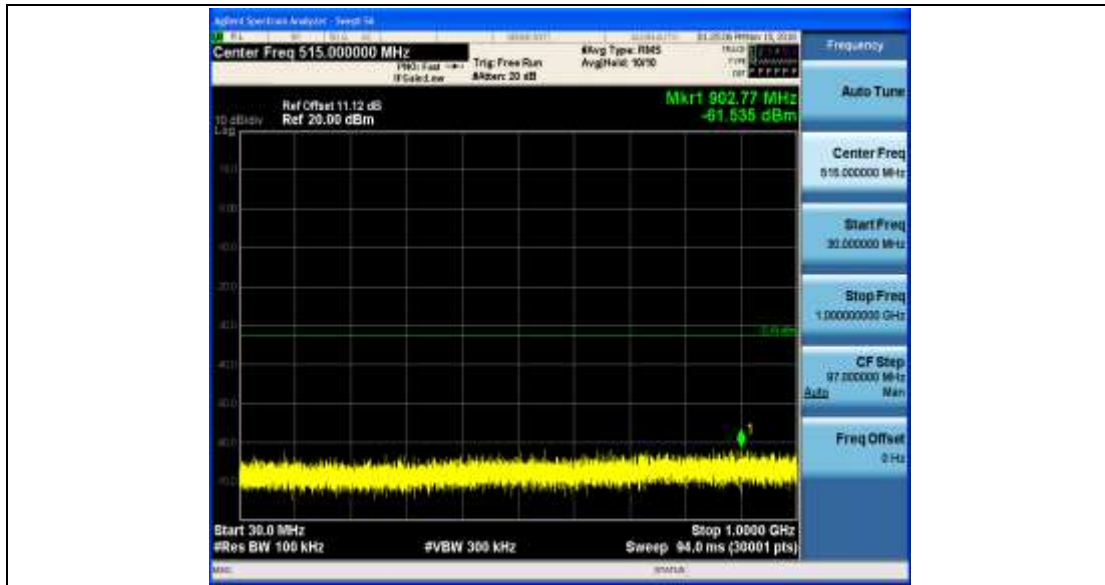


11N20SISO\_Ant2\_2412\_0.009~30



11N20SISO\_Ant2\_2412\_30~1000





11N20SISO\_Ant2\_2412\_1000~26500



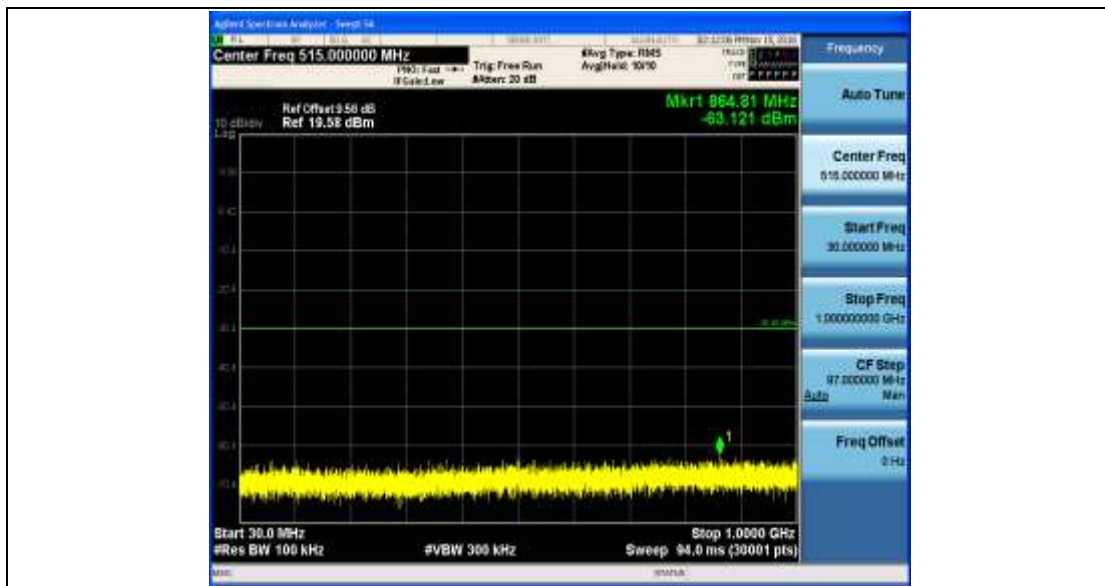
11N20SISO\_Ant1\_2417\_0~Reference



11N20SISO\_Ant1\_2417\_0.009~30



11N20SISO\_Ant1\_2417\_30~1000



11N20SISO\_Ant1\_2417\_1000~26500



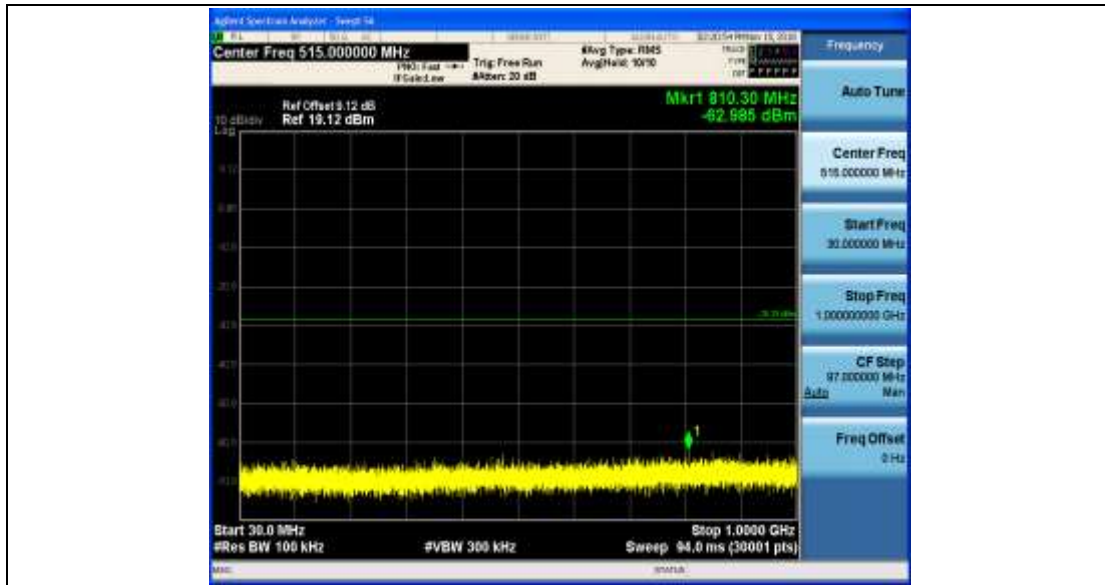
11N20SISO\_Ant2\_2417\_0~Reference



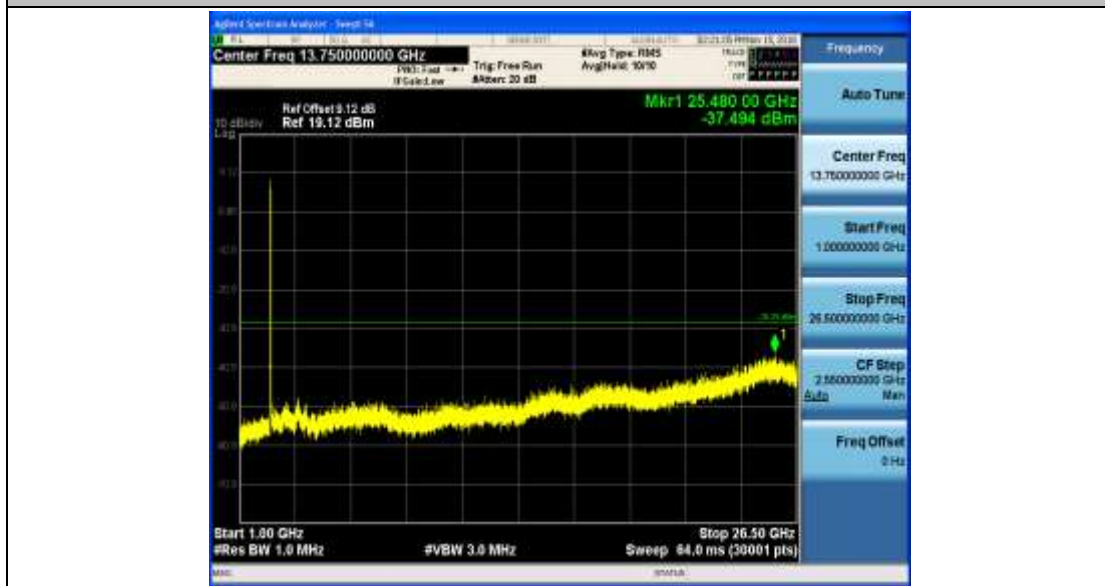
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11N20SISO\_Ant2\_2417\_30~1000



11N20SISO\_Ant2\_2417\_1000~26500



11N20SISO\_Ant1\_2422\_0~Reference

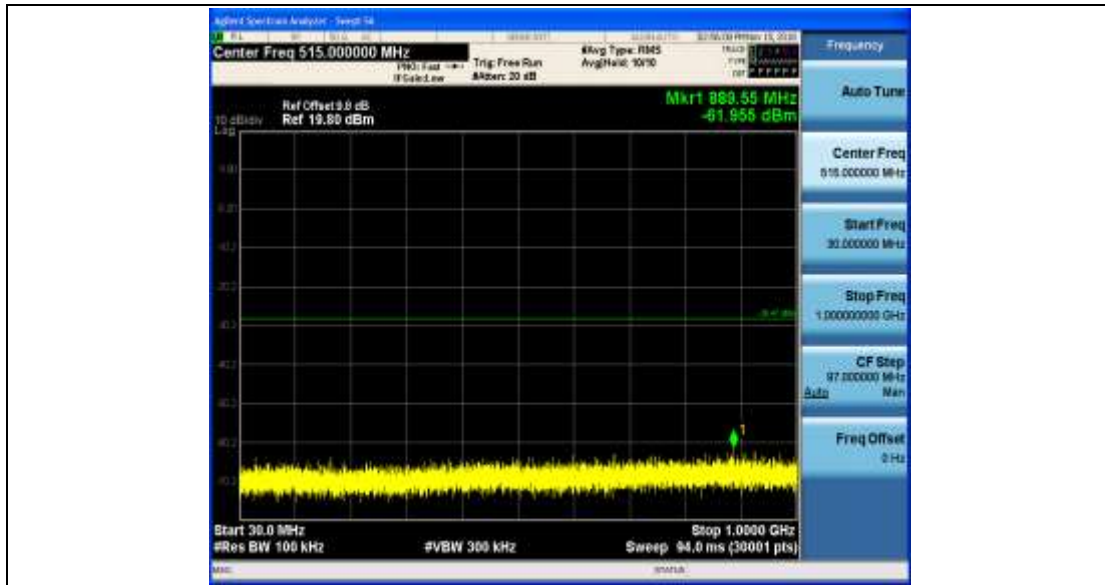


11N20SISO\_Ant1\_2422\_0.009~30



11N20SISO\_Ant1\_2422\_30~1000





11N20SISO\_Ant1\_2422\_1000~26500



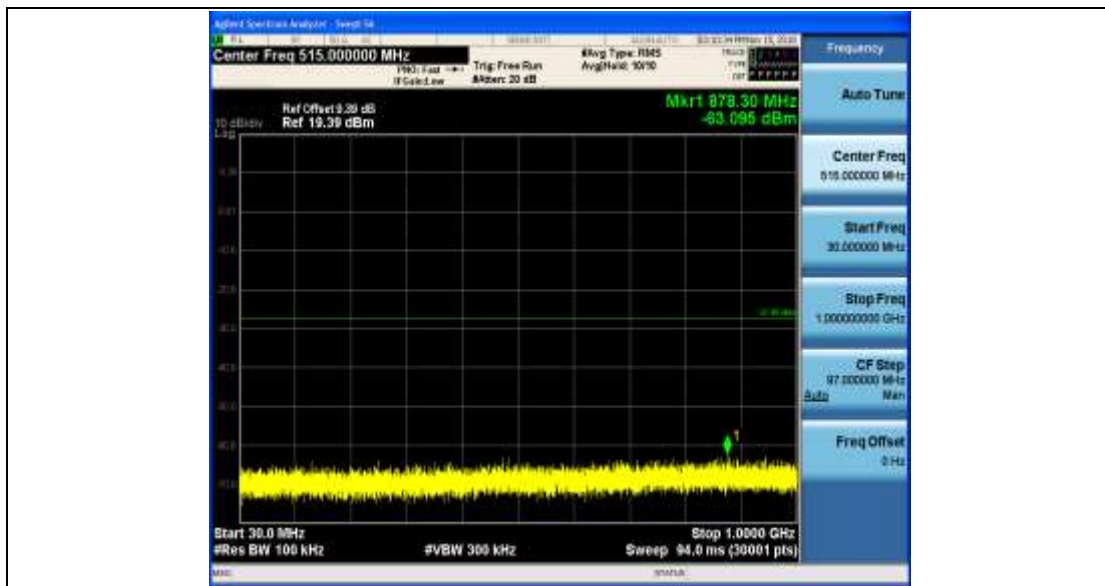
11N20SISO\_Ant2\_2422\_0~Reference



11N20SISO\_Ant2\_2422\_0.009~30



11N20SISO\_Ant2\_2422\_30~1000



11N20SISO\_Ant2\_2422\_1000~26500



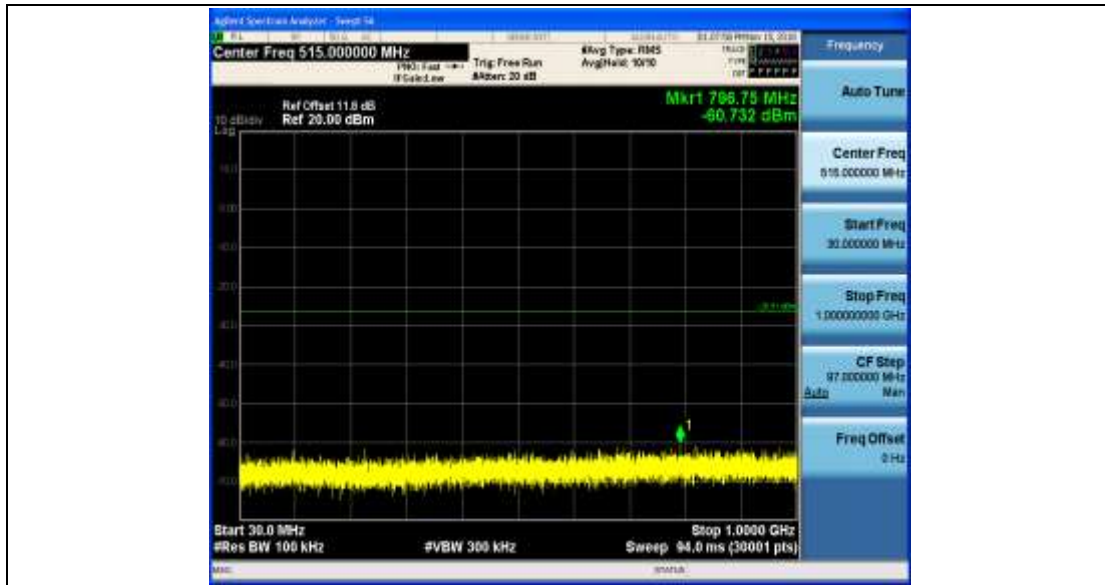
11N20SISO\_Ant1\_2437\_0~Reference



11N20SISO\_Ant1\_2437\_0.009~30



11N20SISO\_Ant1\_2437\_30~1000



11N20SISO\_Ant1\_2437\_1000~26500



11N20SISO\_Ant2\_2437\_0~Reference

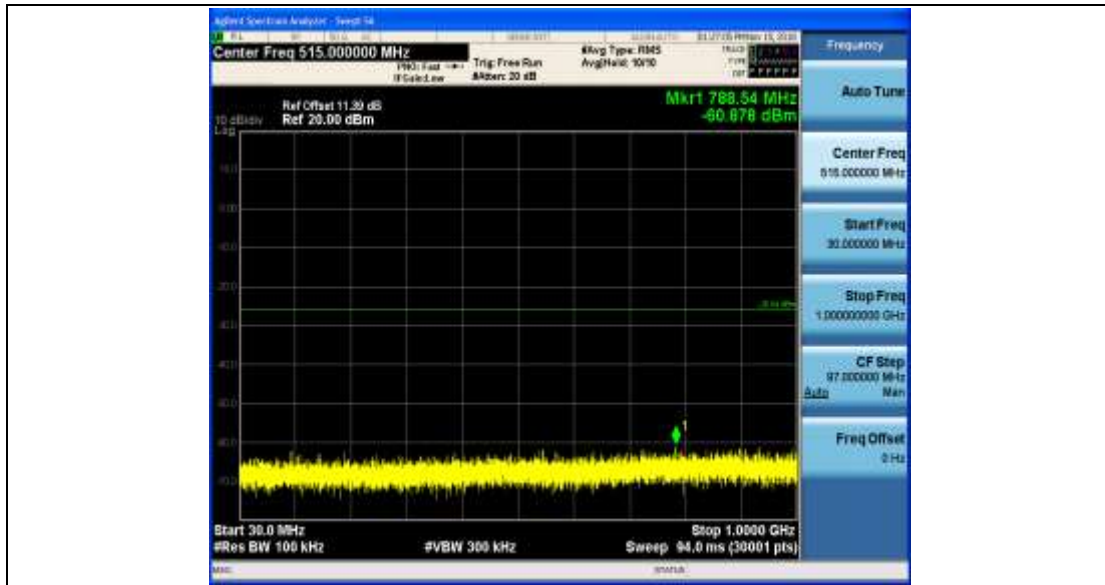


11N20SISO\_Ant2\_2437\_0.009~30



11N20SISO\_Ant2\_2437\_30~1000





11N20SISO\_Ant2\_2437\_1000~26500



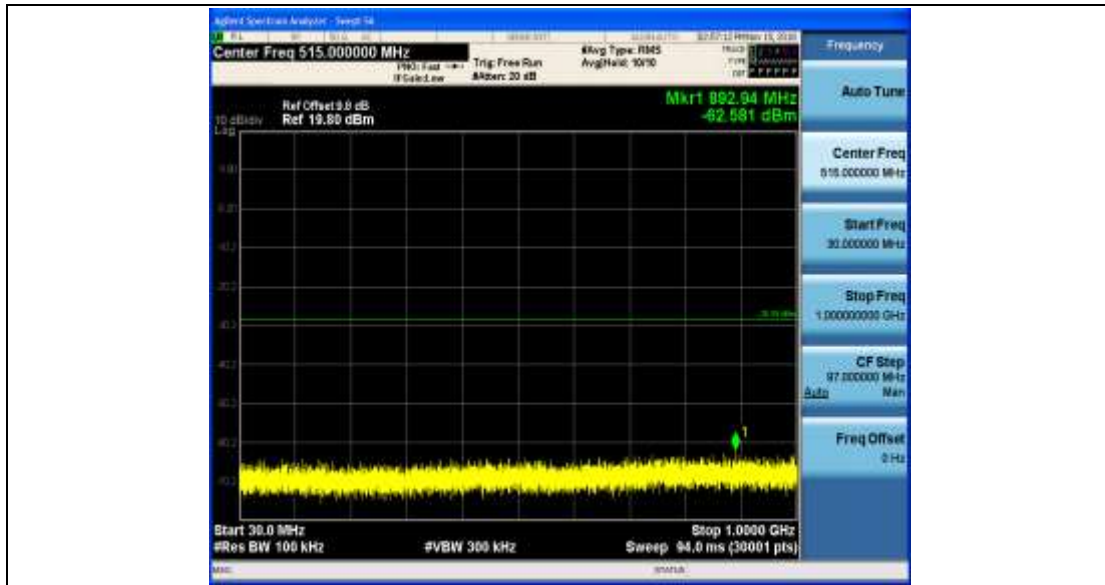
11N20SISO\_Ant1\_2452\_0~Reference



11N20SISO\_Ant1\_2452\_0.009~30



11N20SISO\_Ant1\_2452\_30~1000



11N20SISO\_Ant1\_2452\_1000~26500



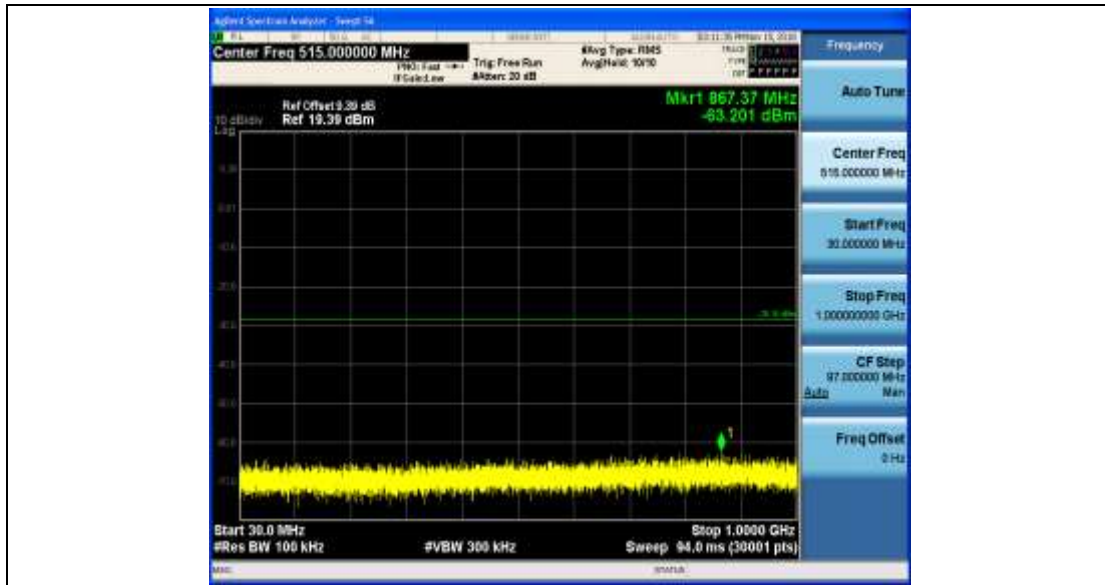
11N20SISO\_Ant2\_2452\_0~Reference



11N20SISO\_Ant2\_2452\_0.009~30



11N20SISO\_Ant2\_2452\_30~1000



11N20SISO\_Ant2\_2452\_1000~26500



11N20SISO\_Ant1\_2457\_0~Reference