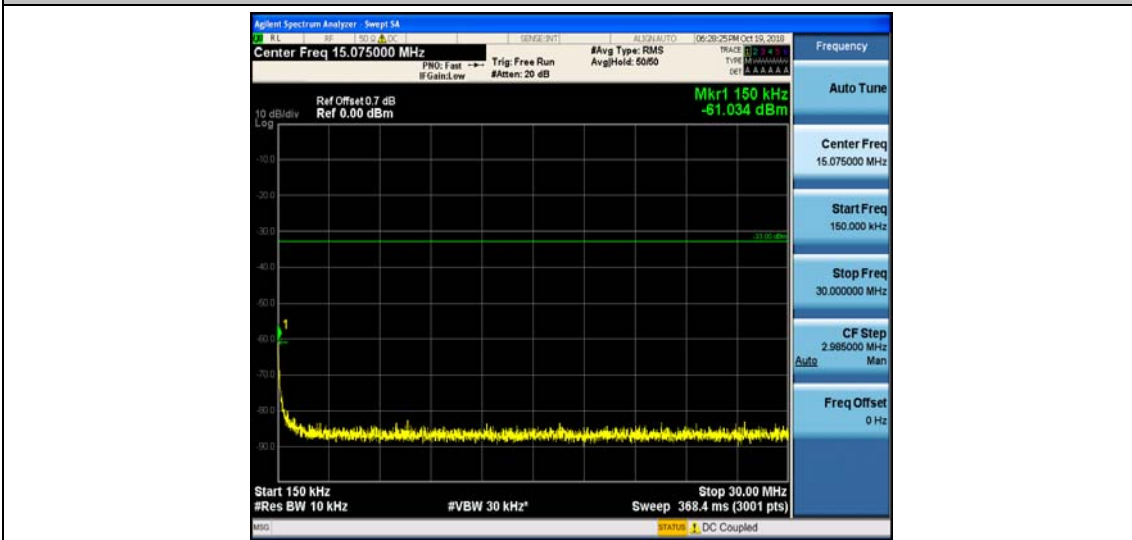




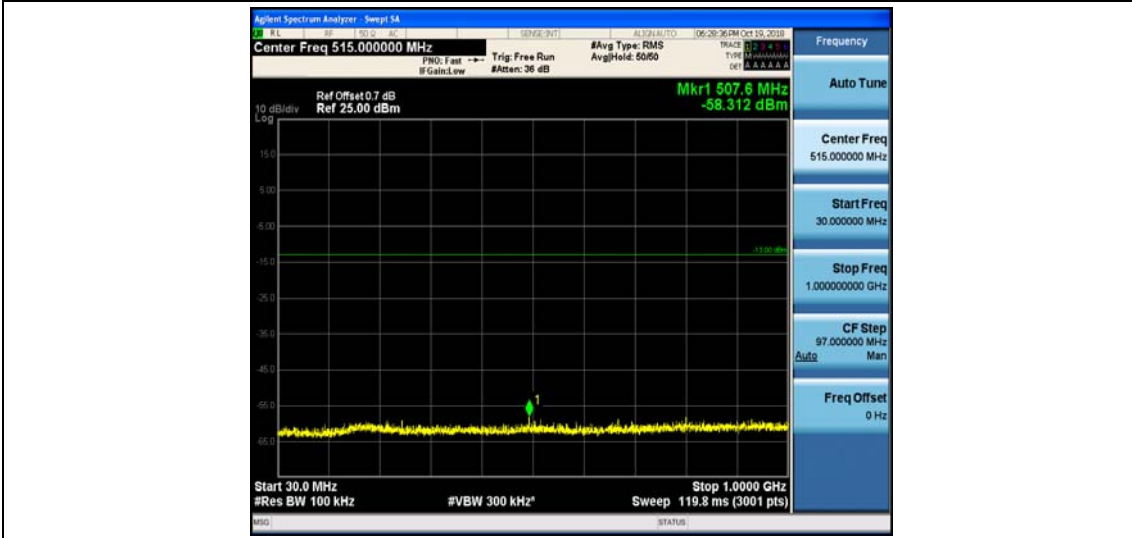
Band2_15MHz_QPSK_18900_1RB#0



Band2_15MHz_QPSK_18900_1RB#0



Band2_15MHz_QPSK_18900_1RB#0



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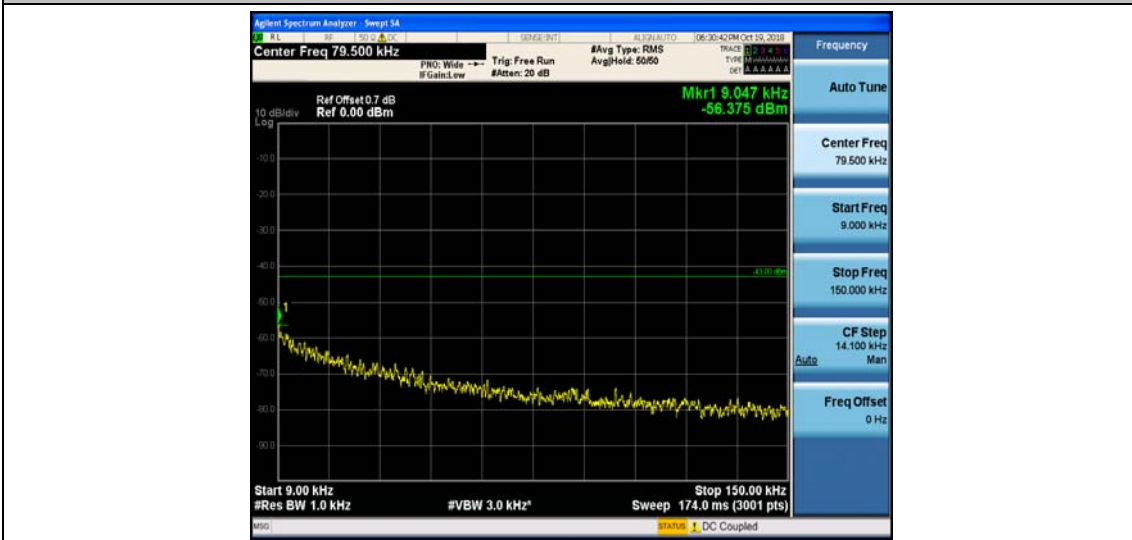
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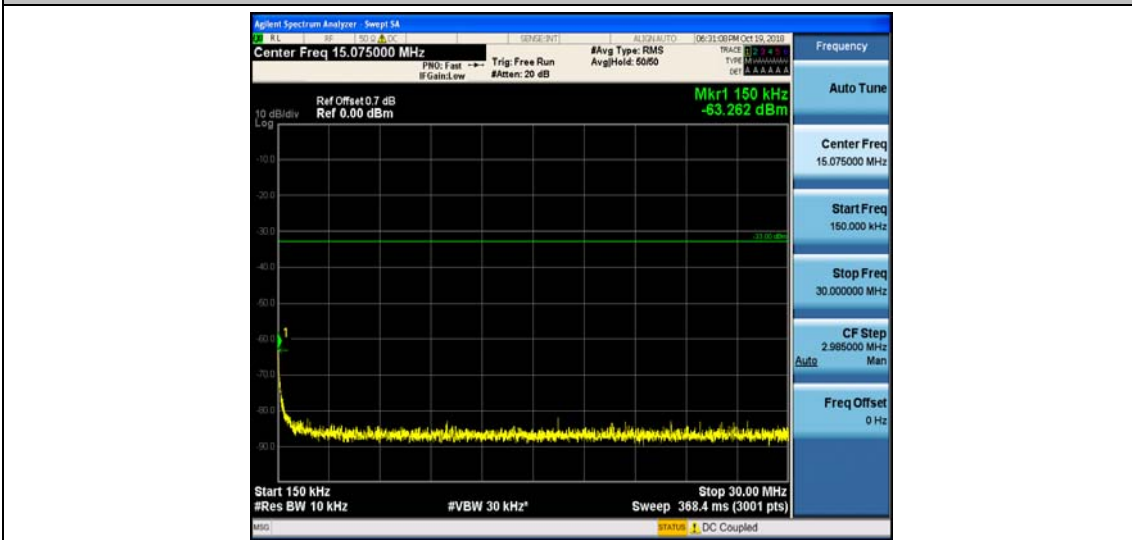
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Band2_15MHz_QPSK_19125_1RB#0



Band2_15MHz_QPSK_19125_1RB#0



Band2_15MHz_QPSK_19125_1RB#0



Band2_15MHz_QPSK_19125_1RB#0



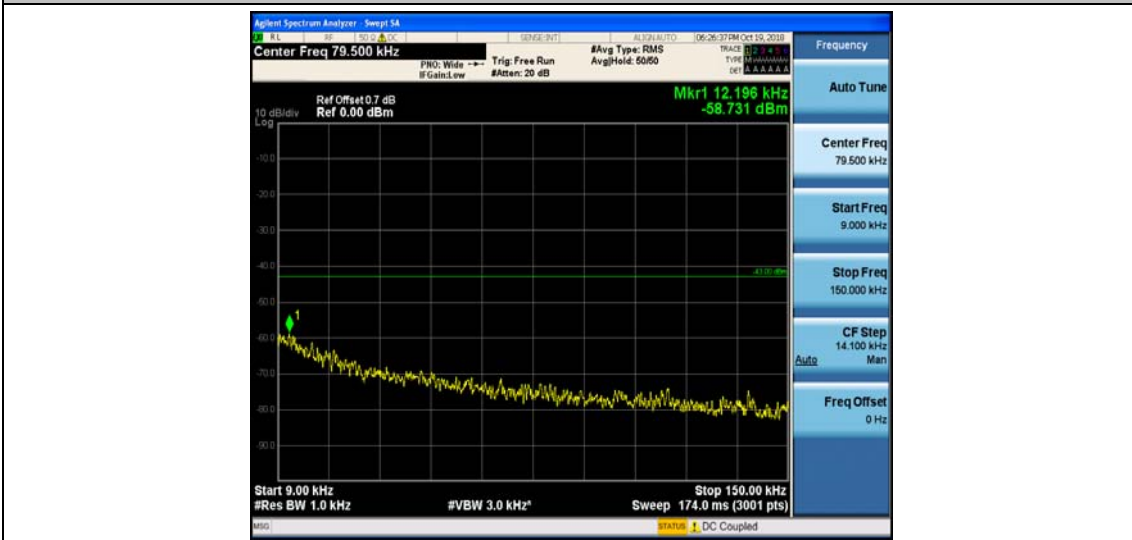
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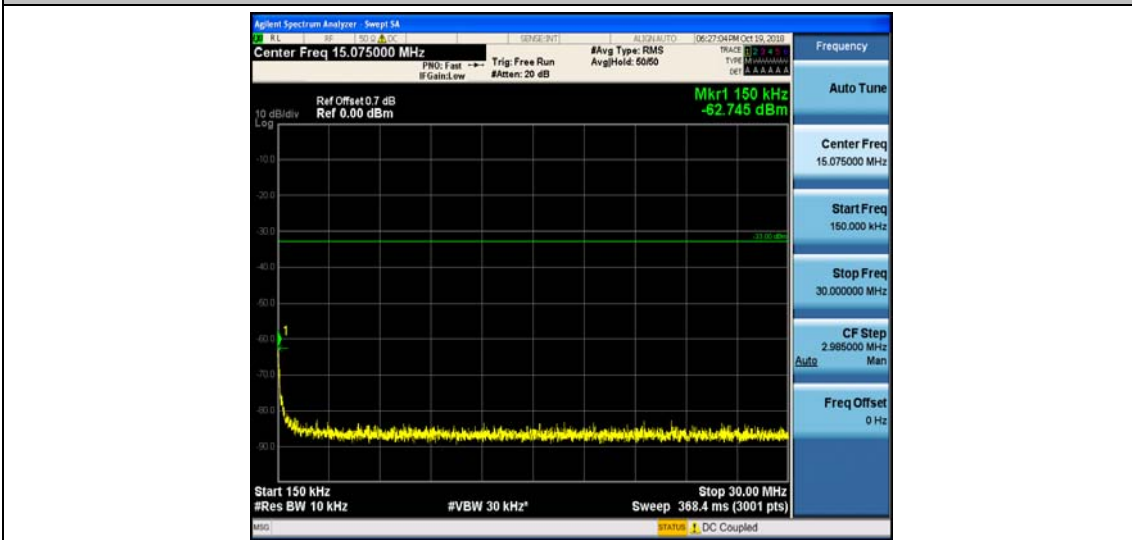
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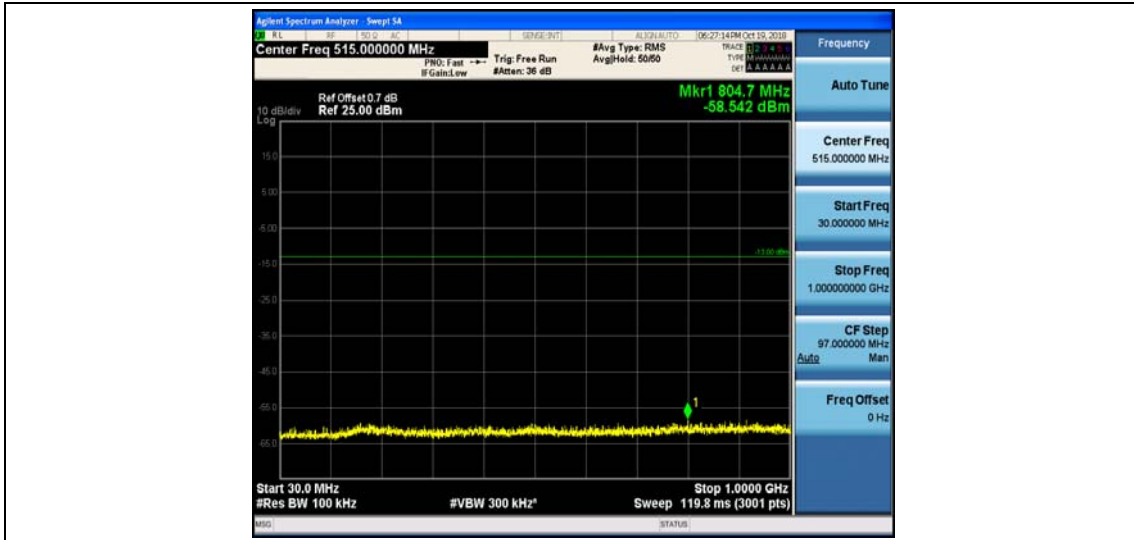
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Band2_15MHz_16QAM_18675_1RB#0



Band2_15MHz_16QAM_18675_1RB#0



Band2_15MHz_16QAM_18675_1RB#0



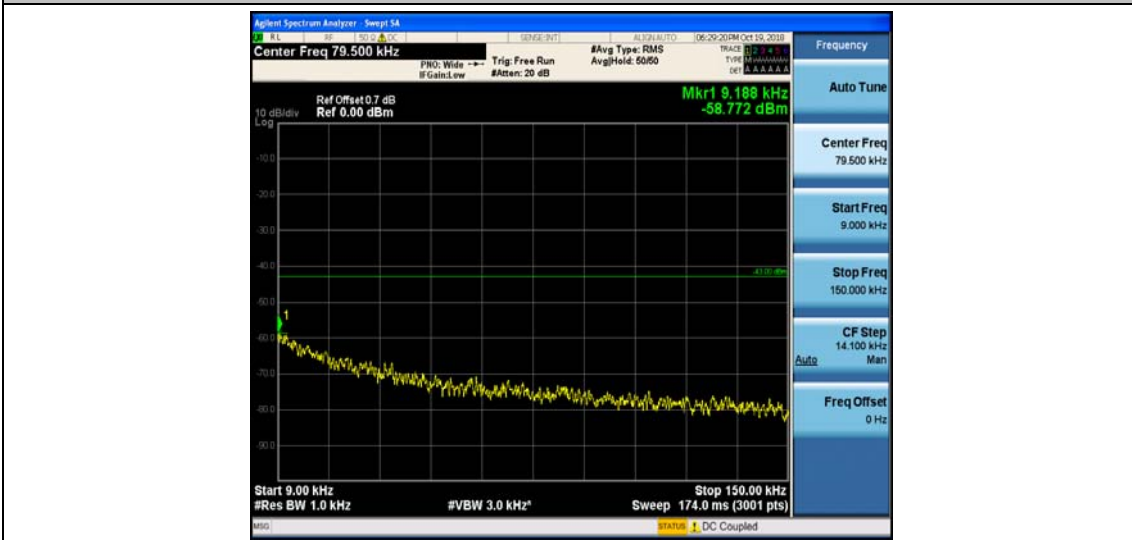
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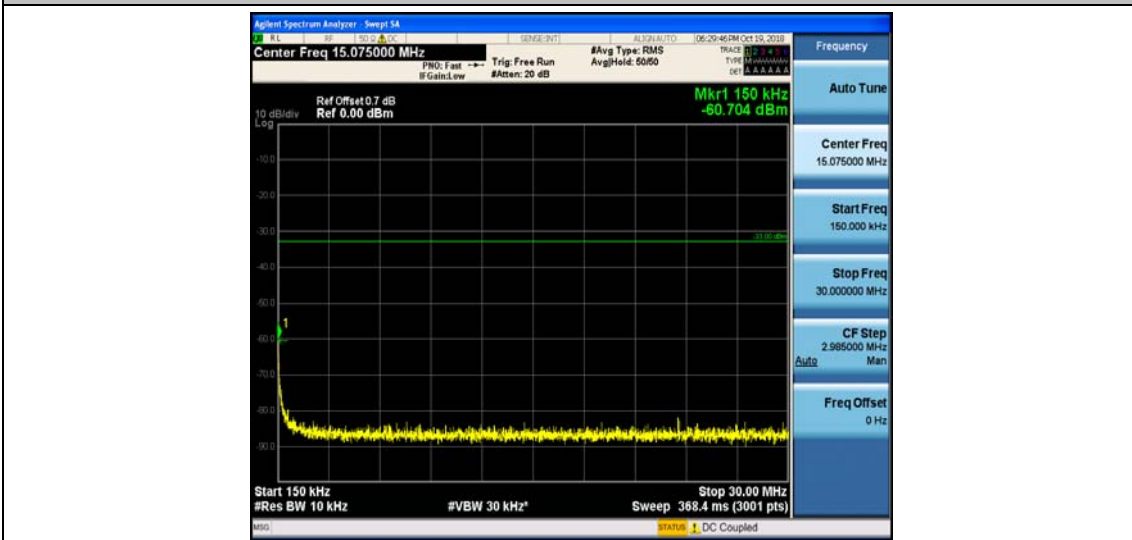
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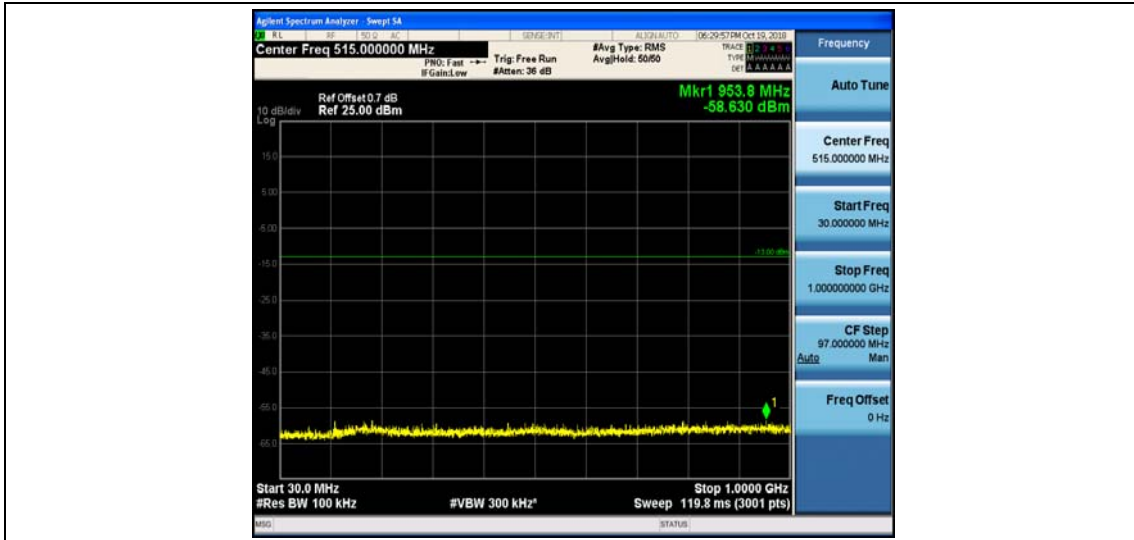
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Band2_15MHz_16QAM_18900_1RB#0



Band2_15MHz_16QAM_18900_1RB#0



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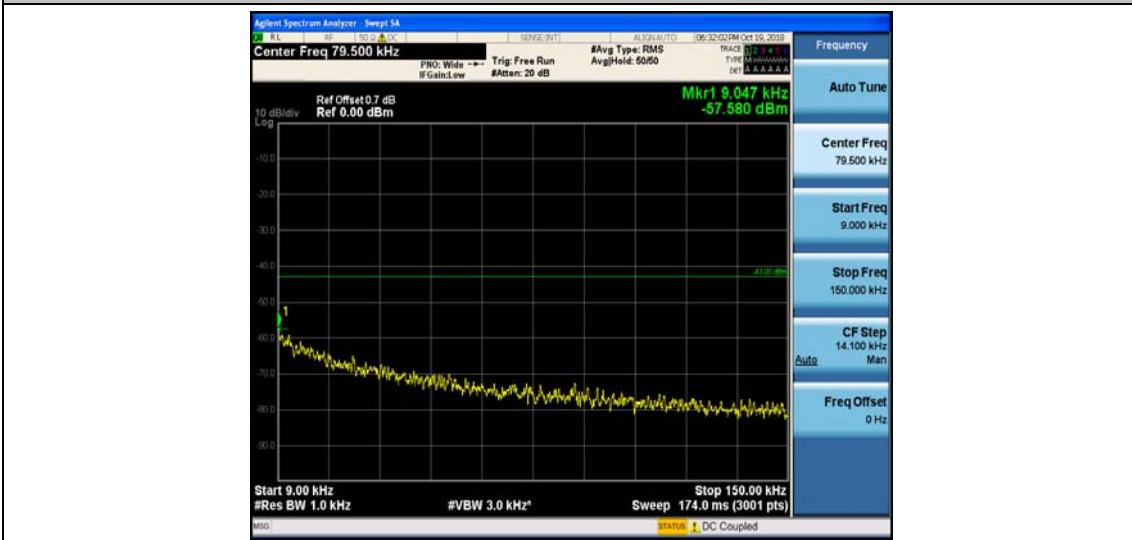
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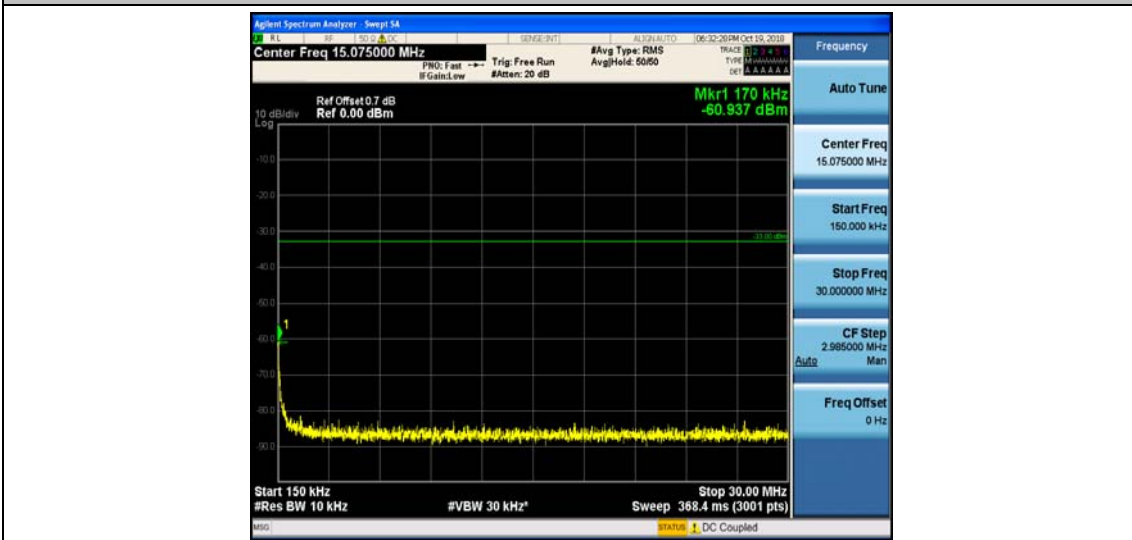
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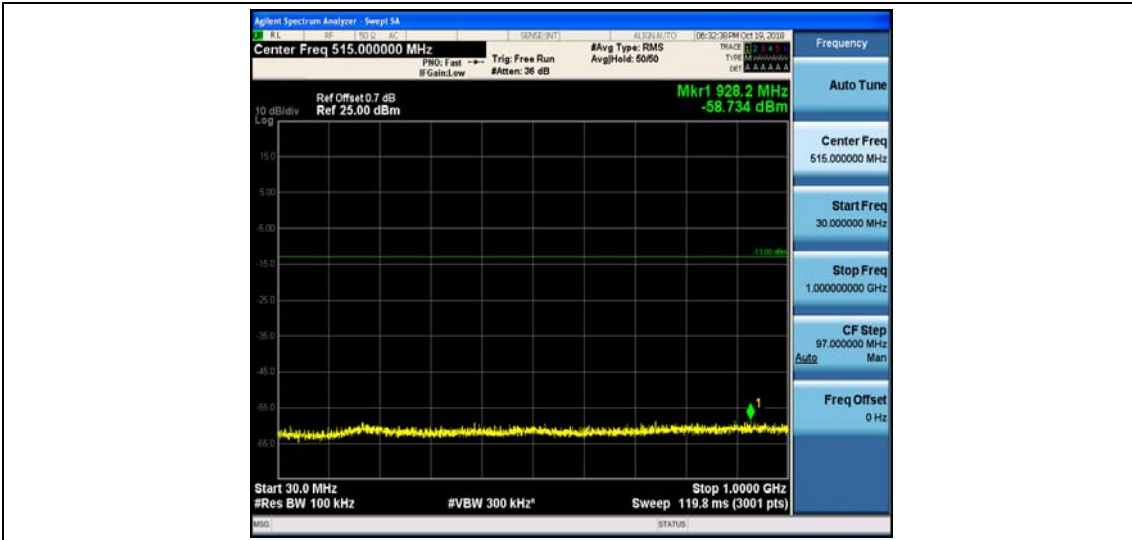
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Band2_15MHz_16QAM_19125_1RB#0



Band2_15MHz_16QAM_19125_1RB#0



Band2_15MHz_16QAM_19125_1RB#0



Band2_15MHz_16QAM_19125_1RB#0



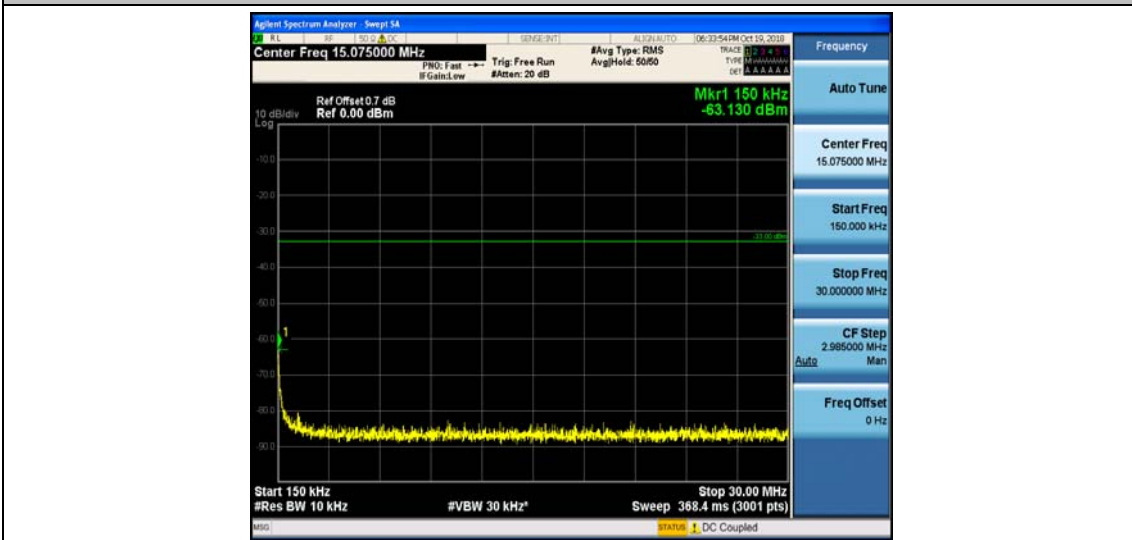
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Band2_20MHz_QPSK_18700_1RB#0



Band2_20MHz_QPSK_18700_1RB#0



Band2_20MHz_QPSK_18700_1RB#0



Band2_20MHz_QPSK_18700_1RB#0



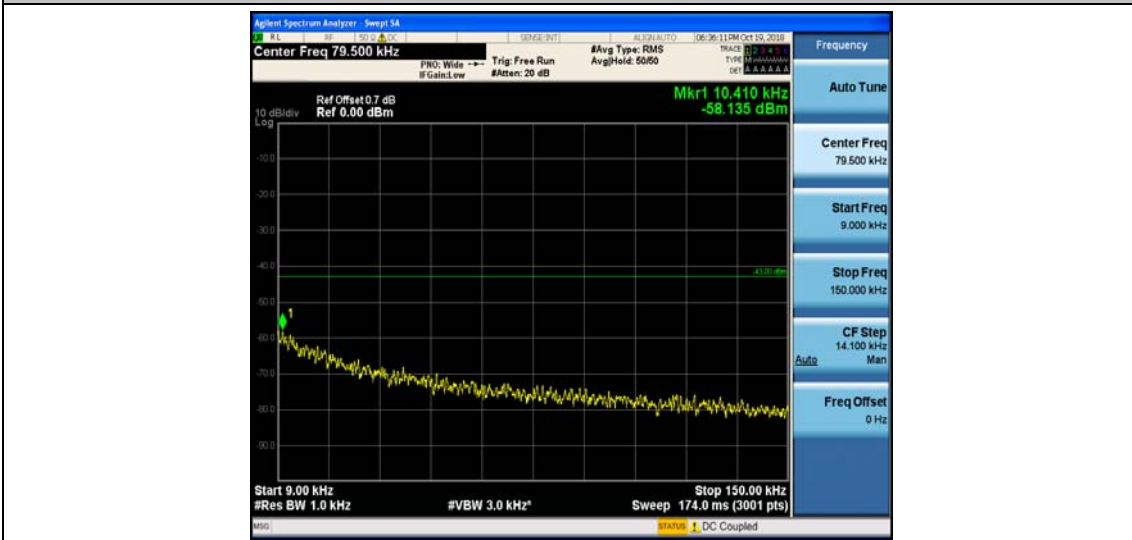
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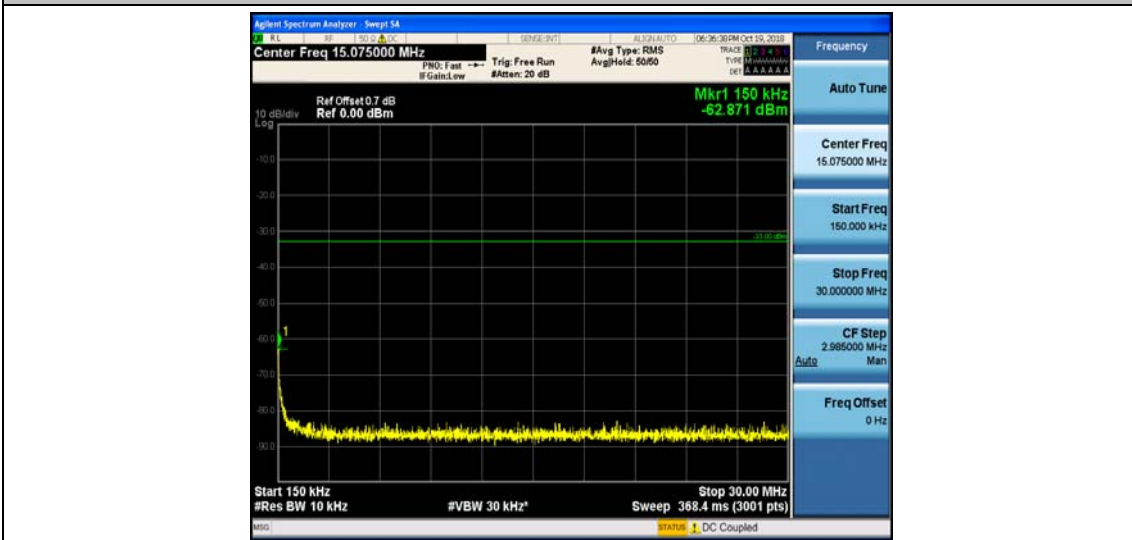
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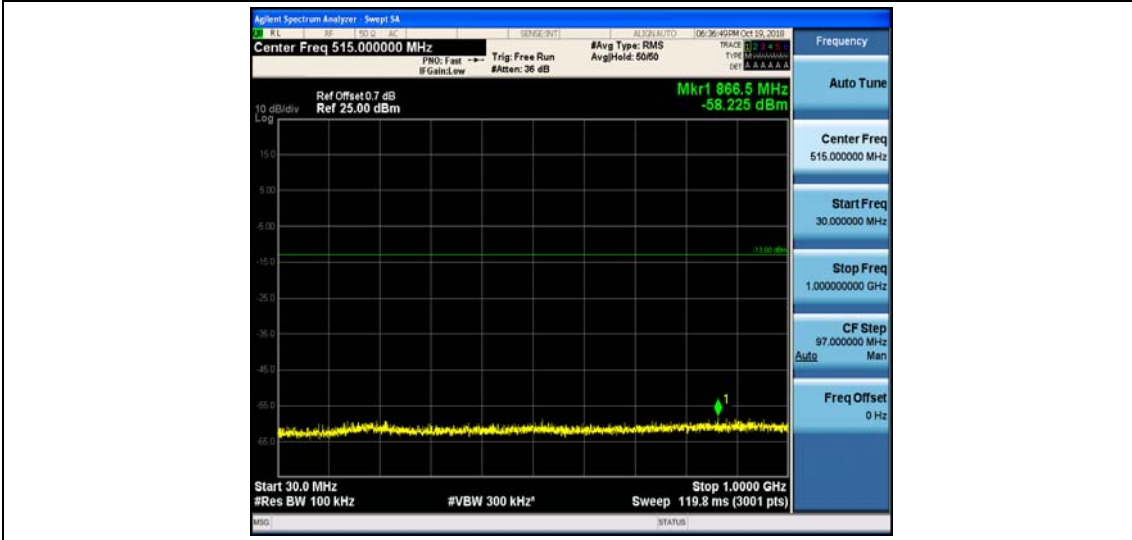
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Band2_20MHz_QPSK_18900_1RB#0



Band2_20MHz_QPSK_18900_1RB#0



Band2_20MHz_QPSK_18900_1RB#0



Band2_20MHz_QPSK_18900_1RB#0



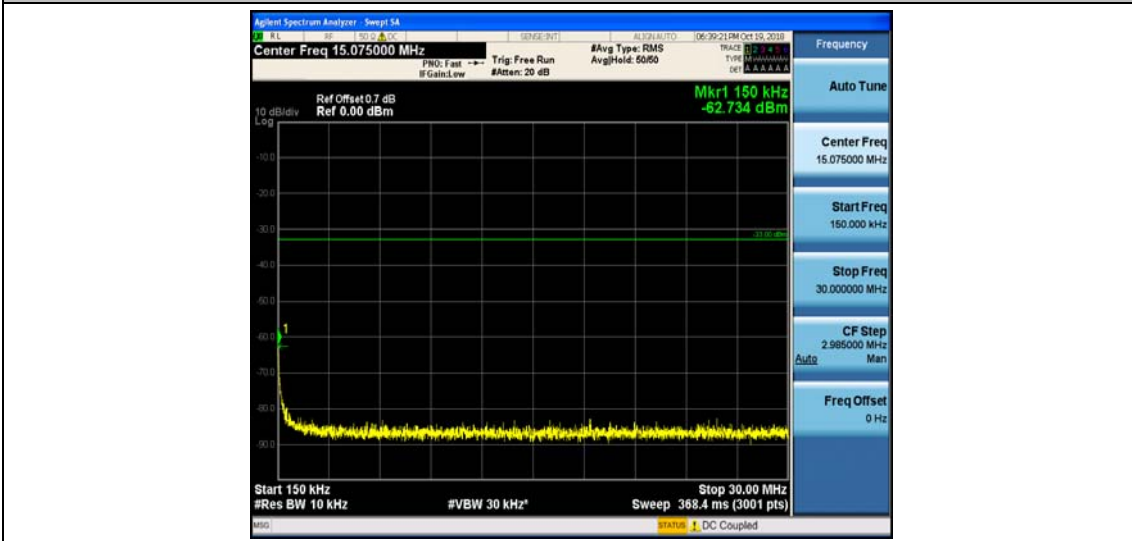
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Band2_20MHz_QPSK_19100_1RB#0



Band2_20MHz_QPSK_19100_1RB#0



Band2_20MHz_QPSK_19100_1RB#0



Band2_20MHz_QPSK_19100_1RB#0



Band2_20MHz_QPSK_19100_1RB#0



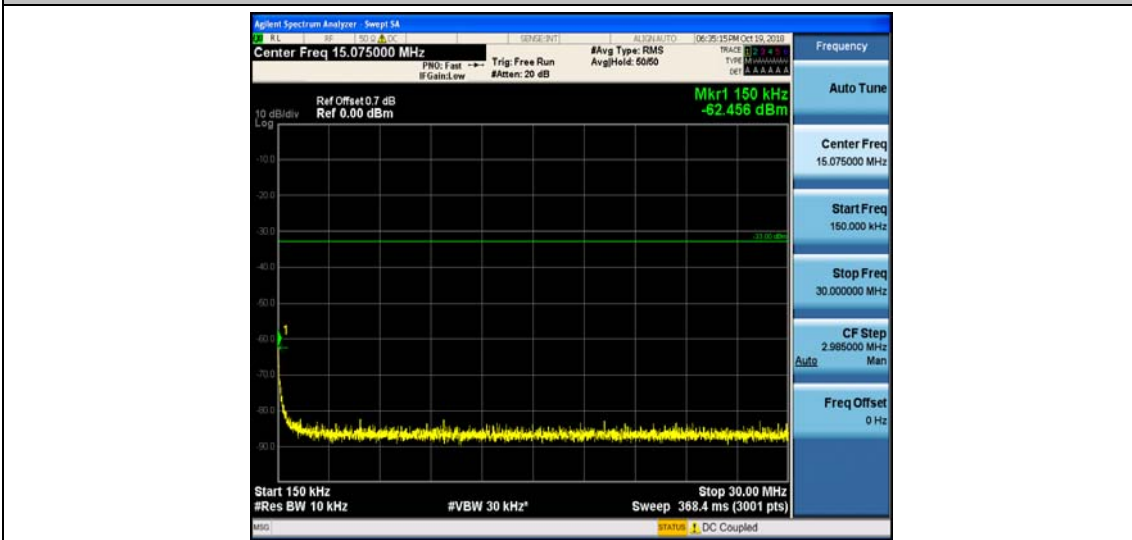
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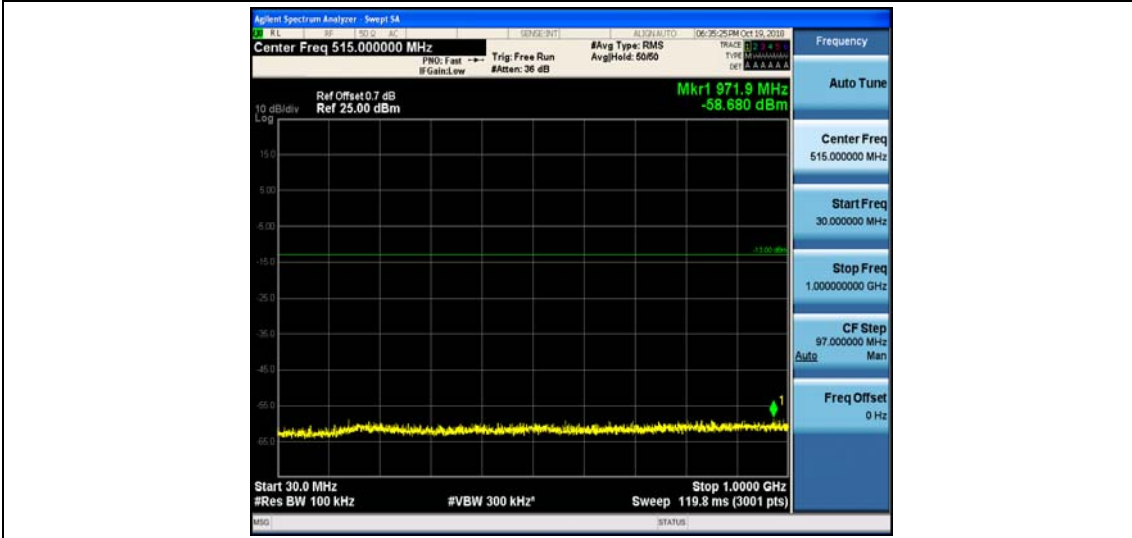
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Band2_20MHz_16QAM_18700_1RB#0



Band2_20MHz_16QAM_18700_1RB#0



Band2_20MHz_16QAM_18700_1RB#0



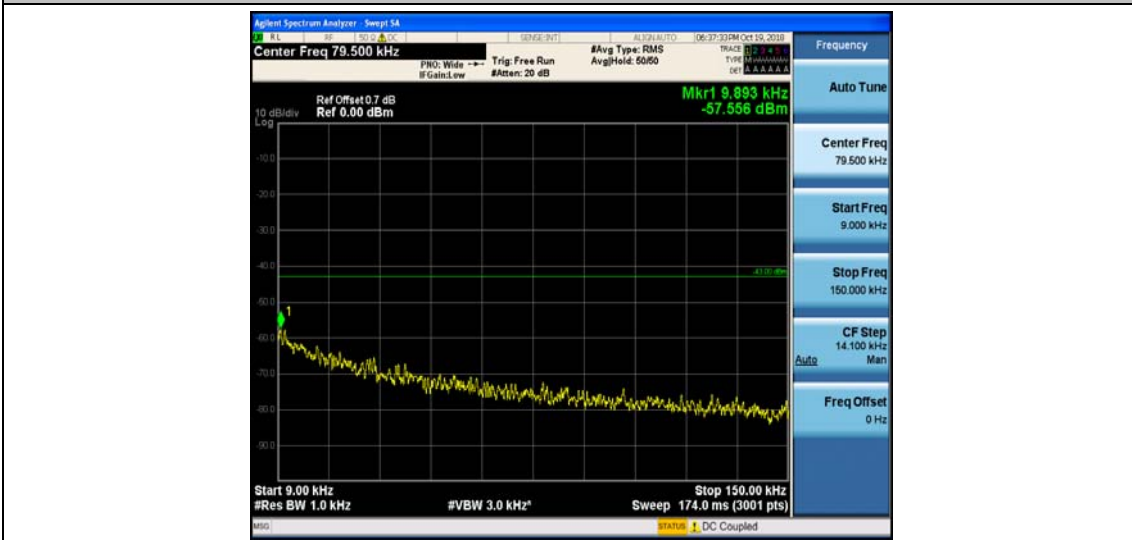
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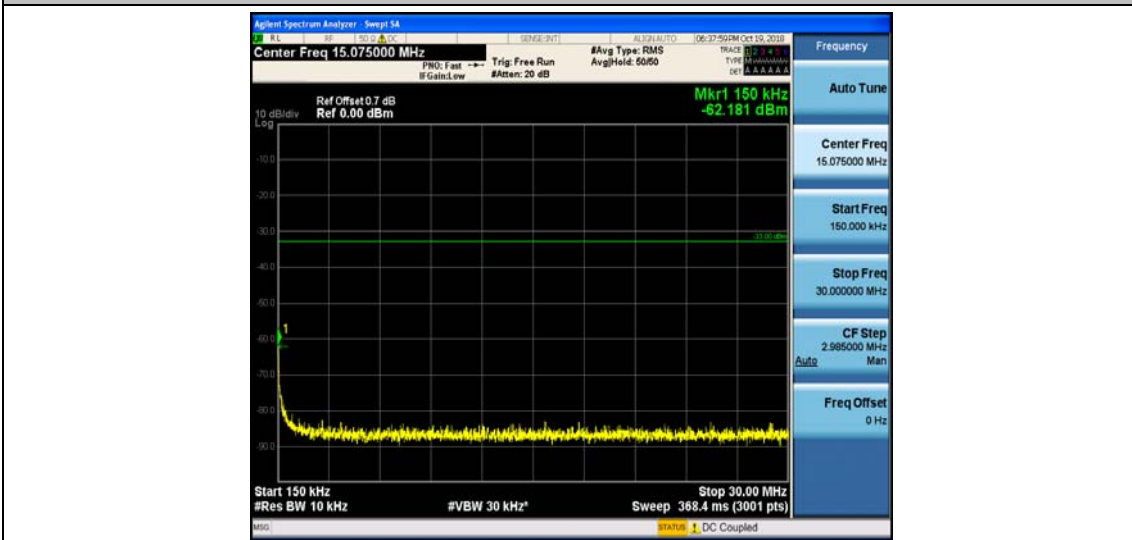
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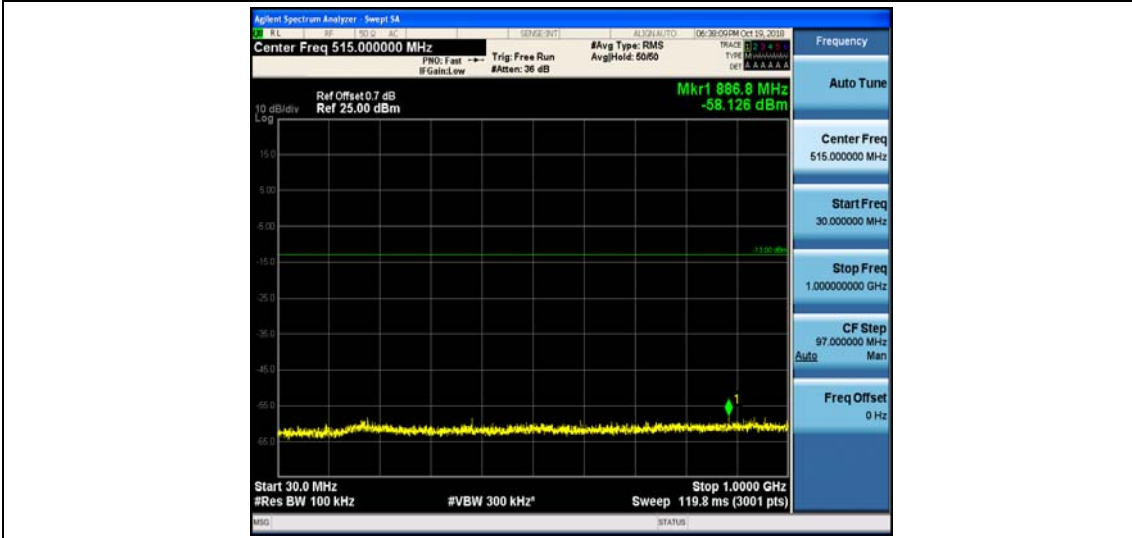
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Band2_20MHz_16QAM_18900_1RB#0



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Band2_20MHz_16QAM_18900_1RB#0



Band2_20MHz_16QAM_18900_1RB#0



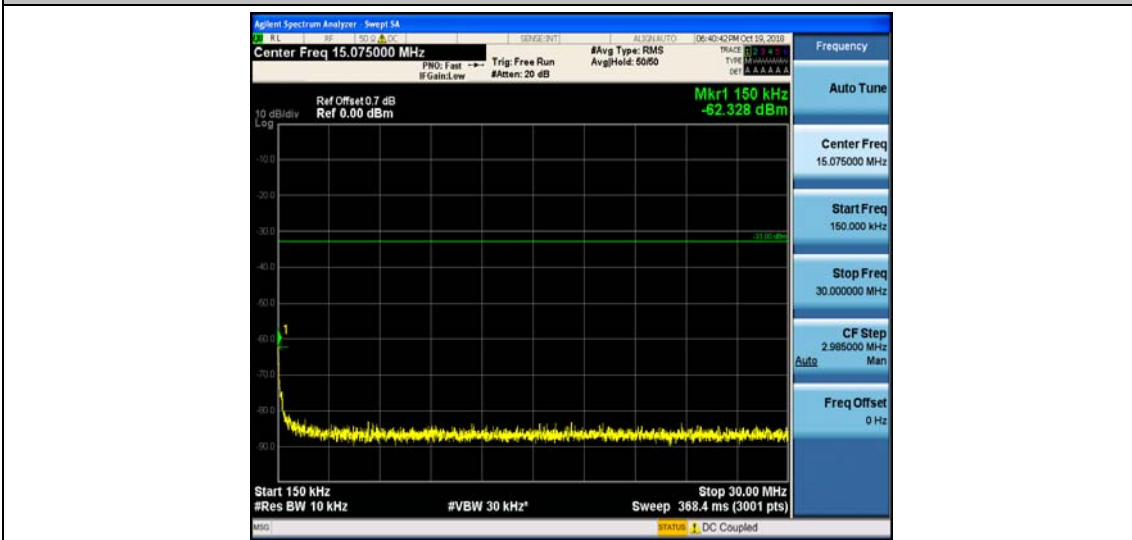
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Band2_20MHz_16QAM_19100_1RB#0



Band2_20MHz_16QAM_19100_1RB#0



Band2_20MHz_16QAM_19100_1RB#0



Band2_20MHz_16QAM_19100_1RB#0



Band2_20MHz_16QAM_19100_1RB#0



Band2_20MHz_16QAM_19100_1RB#0



Appendix F: Frequency Stability

Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	3.77	0.002037	± 2.5	PASS
		VN	TN	-1.38	-0.000746	± 2.5	PASS
		VH	TN	0.58	0.000313	± 2.5	PASS
	MCH	VL	TN	4.94	0.002628	± 2.5	PASS
		VN	TN	-0.71	-0.000378	± 2.5	PASS
		VH	TN	2.13	0.001133	± 2.5	PASS
	HCH	VL	TN	0.95	0.000498	± 2.5	PASS
		VN	TN	1.14	0.000597	± 2.5	PASS
		VH	TN	-0.86	-0.000450	± 2.5	PASS
16QAM	LCH	VL	TN	0.35	0.000189	± 2.5	PASS
		VN	TN	-1.43	-0.000773	± 2.5	PASS
		VH	TN	4.22	0.002280	± 2.5	PASS
	MCH	VL	TN	-0.97	-0.000516	± 2.5	PASS
		VN	TN	0	0.000000	± 2.5	PASS
		VH	TN	-0.14	-0.000074	± 2.5	PASS
	HCH	VL	TN	-0.4	-0.000210	± 2.5	PASS
		VN	TN	4.43	0.002320	± 2.5	PASS
		VH	TN	4	0.002095	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-1.04	-0.000562	± 2.5	PASS
		VN	-20	1.25	0.000675	± 2.5	PASS
		VN	-10	1.83	0.000989	± 2.5	PASS
		VN	0	4.12	0.002226	± 2.5	PASS
		VN	10	-0.76	-0.000411	± 2.5	PASS
		VN	20	3.11	0.001680	± 2.5	PASS
		VN	30	1.57	0.000848	± 2.5	PASS
		VN	40	-1.74	-0.000940	± 2.5	PASS
		VN	50	4.12	0.002226	± 2.5	PASS
	MCH	VN	-30	-1.72	-0.000915	± 2.5	PASS

		VN	-20	3.05	0.001622	± 2.5	PASS
		VN	-10	2.54	0.001351	± 2.5	PASS
		VN	0	-0.18	-0.000096	± 2.5	PASS
		VN	10	0.47	0.000250	± 2.5	PASS
		VN	20	-1.8	-0.000957	± 2.5	PASS
		VN	30	4.9	0.002606	± 2.5	PASS
		VN	40	2.89	0.001537	± 2.5	PASS
		VN	50	1.82	0.000968	± 2.5	PASS
	HCH	VN	-30	2.07	0.001084	± 2.5	PASS
		VN	-20	1.27	0.000665	± 2.5	PASS
		VN	-10	-0.35	-0.000183	± 2.5	PASS
		VN	0	4.04	0.002116	± 2.5	PASS
		VN	10	0.56	0.000293	± 2.5	PASS
		VN	20	-1.66	-0.000869	± 2.5	PASS
		VN	30	4.19	0.002195	± 2.5	PASS
		VN	40	0.83	0.000435	± 2.5	PASS
		VN	50	0.57	0.000299	± 2.5	PASS
		16QAM	LCH	VN	-30	1.47	0.000794
VN	-20			0.56	0.000303	± 2.5	PASS
VN	-10			4.94	0.002669	± 2.5	PASS
VN	0			0.72	0.000389	± 2.5	PASS
VN	10			1.61	0.000870	± 2.5	PASS
VN	20			4.2	0.002269	± 2.5	PASS
VN	30			3.14	0.001697	± 2.5	PASS
VN	40			0.76	0.000411	± 2.5	PASS
VN	50			3.76	0.002032	± 2.5	PASS
MCH	VN		-30	0.78	0.000415	± 2.5	PASS
	VN		-20	-0.41	-0.000218	± 2.5	PASS
	VN		-10	-0.68	-0.000362	± 2.5	PASS
	VN		0	-0.31	-0.000165	± 2.5	PASS
	VN		10	2.63	0.001399	± 2.5	PASS
	VN		20	-1.97	-0.001048	± 2.5	PASS
	VN		30	1.5	0.000798	± 2.5	PASS
	VN		40	3.12	0.001660	± 2.5	PASS
	VN		50	3.26	0.001734	± 2.5	PASS
HCH	VN		-30	-1.66	-0.000869	± 2.5	PASS
	VN		-20	4.61	0.002414	± 2.5	PASS
	VN		-10	1.99	0.001042	± 2.5	PASS
	VN		0	4	0.002095	± 2.5	PASS
	VN		10	0.1	0.000052	± 2.5	PASS
	VN		20	2.65	0.001388	± 2.5	PASS

		VN	30	2.24	0.001173	± 2.5	PASS
		VN	40	2.17	0.001137	± 2.5	PASS
		VN	50	0.65	0.000340	± 2.5	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz+							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	-0.98	-0.000529	± 2.5	PASS
		VN	TN	-1.24	-0.000670	± 2.5	PASS
		VH	TN	4.66	0.002517	± 2.5	PASS
	MCH	VL	TN	-1.14	-0.000606	± 2.5	PASS
		VN	TN	0.25	0.000133	± 2.5	PASS
		VH	TN	2.13	0.001133	± 2.5	PASS
	HCH	VL	TN	4.56	0.002389	± 2.5	PASS
		VN	TN	4.87	0.002552	± 2.5	PASS
		VH	TN	2.61	0.001368	± 2.5	PASS
16QAM	LCH	VL	TN	-1.13	-0.000610	± 2.5	PASS
		VN	TN	-1.95	-0.001053	± 2.5	PASS
		VH	TN	1.2	0.000648	± 2.5	PASS
	MCH	VL	TN	3.78	0.002011	± 2.5	PASS
		VN	TN	1.5	0.000798	± 2.5	PASS
		VH	TN	-0.42	-0.000223	± 2.5	PASS
	HCH	VL	TN	-0.01	-0.000005	± 2.5	PASS
		VN	TN	3.85	0.002017	± 2.5	PASS
		VH	TN	-1.63	-0.000854	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-0.07	-0.000038	± 2.5	PASS
		VN	-20	1.85	0.000999	± 2.5	PASS
		VN	-10	3.35	0.001809	± 2.5	PASS
		VN	0	2.69	0.001453	± 2.5	PASS
		VN	10	0.77	0.000416	± 2.5	PASS
		VN	20	3.01	0.001626	± 2.5	PASS
		VN	30	4.72	0.002549	± 2.5	PASS
		VN	40	0.93	0.000502	± 2.5	PASS
		VN	50	-1.6	-0.000864	± 2.5	PASS
	MCH	VN	-30	1.25	0.000665	± 2.5	PASS
		VN	-20	1.1	0.000585	± 2.5	PASS

		VN	-10	0.33	0.000176	± 2.5	PASS	
		VN	0	-0.15	-0.000080	± 2.5	PASS	
		VN	10	-0.79	-0.000420	± 2.5	PASS	
		VN	20	1.44	0.000766	± 2.5	PASS	
		VN	30	1.78	0.000947	± 2.5	PASS	
		VN	40	-1.61	-0.000856	± 2.5	PASS	
		VN	50	-1.22	-0.000649	± 2.5	PASS	
	HCH	VN	-30	2.08	0.001090	± 2.5	PASS	
		VN	-20	2.34	0.001226	± 2.5	PASS	
		VN	-10	1.56	0.000817	± 2.5	PASS	
		VN	0	2.57	0.001347	± 2.5	PASS	
		VN	10	-0.91	-0.000477	± 2.5	PASS	
		VN	20	4.83	0.002531	± 2.5	PASS	
		VN	30	-0.51	-0.000267	± 2.5	PASS	
	QPSK	LCH	VN	40	0.22	0.000115	± 2.5	PASS
			VN	50	-0.24	-0.000126	± 2.5	PASS
			VN	-30	4.58	0.002474	± 2.5	PASS
			VN	-20	0.19	0.000103	± 2.5	PASS
VN			-10	3.03	0.001637	± 2.5	PASS	
VN			0	4.29	0.002317	± 2.5	PASS	
VN			10	2.23	0.001204	± 2.5	PASS	
VN			20	-1.37	-0.000740	± 2.5	PASS	
VN			30	1.75	0.000945	± 2.5	PASS	
MCH		VN	40	1.51	0.000816	± 2.5	PASS	
		VN	50	-0.28	-0.000151	± 2.5	PASS	
		VN	-30	0.41	0.000218	± 2.5	PASS	
		VN	-20	1.04	0.000553	± 2.5	PASS	
		VN	-10	2.95	0.001569	± 2.5	PASS	
		VN	0	-1.28	-0.000681	± 2.5	PASS	
		VN	10	1.96	0.001043	± 2.5	PASS	
		VN	20	0.48	0.000255	± 2.5	PASS	
		VN	30	1.09	0.000580	± 2.5	PASS	
HCH	VN	40	-0.34	-0.000181	± 2.5	PASS		
	VN	50	-1	-0.000532	± 2.5	PASS		
	VN	-30	3.71	0.001944	± 2.5	PASS		
	VN	-20	-1.43	-0.000749	± 2.5	PASS		
	VN	-10	0.42	0.000220	± 2.5	PASS		
	VN	0	3.91	0.002049	± 2.5	PASS		
	VN	10	0.97	0.000508	± 2.5	PASS		
VN	20	-0.69	-0.000362	± 2.5	PASS			
VN	30	4	0.002096	± 2.5	PASS			

	VN	40	0.92	0.000482	± 2.5	PASS
	VN	50	4.79	0.002510	± 2.5	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	-0.18	-0.000097	± 2.5	PASS
		VN	TN	3.05	0.001646	± 2.5	PASS
		VH	TN	1.05	0.000567	± 2.5	PASS
	MCH	VL	TN	2.45	0.001303	± 2.5	PASS
		VN	TN	2.91	0.001548	± 2.5	PASS
		VH	TN	-0.8	-0.000426	± 2.5	PASS
	HCH	VL	TN	0.59	0.000309	± 2.5	PASS
		VN	TN	3.02	0.001583	± 2.5	PASS
		VH	TN	0.68	0.000356	± 2.5	PASS
16QAM	LCH	VL	TN	4.21	0.002273	± 2.5	PASS
		VN	TN	-0.86	-0.000464	± 2.5	PASS
		VH	TN	0.48	0.000259	± 2.5	PASS
	MCH	VL	TN	2.01	0.001069	± 2.5	PASS
		VN	TN	4.22	0.002245	± 2.5	PASS
		VH	TN	3.64	0.001936	± 2.5	PASS
	HCH	VL	TN	-1.7	-0.000891	± 2.5	PASS
		VN	TN	-1.25	-0.000655	± 2.5	PASS
		VH	TN	1.44	0.000755	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	2.65	0.001430	± 2.5	PASS
		VN	-20	3.22	0.001738	± 2.5	PASS
		VN	-10	1.64	0.000885	± 2.5	PASS
		VN	0	2.58	0.001393	± 2.5	PASS
		VN	10	-0.11	-0.000059	± 2.5	PASS
		VN	20	2.13	0.001150	± 2.5	PASS
		VN	30	0.26	0.000140	± 2.5	PASS
		VN	40	2.98	0.001609	± 2.5	PASS
		VN	50	-1.3	-0.000702	± 2.5	PASS
	MCH	VN	-30	0.41	0.000218	± 2.5	PASS
		VN	-20	3.91	0.002080	± 2.5	PASS
		VN	-10	4.01	0.002133	± 2.5	PASS

		VN	0	0.88	0.000468	± 2.5	PASS		
		VN	10	-0.59	-0.000314	± 2.5	PASS		
		VN	20	1.96	0.001043	± 2.5	PASS		
		VN	30	2.12	0.001128	± 2.5	PASS		
		VN	40	4.8	0.002553	± 2.5	PASS		
		VN	50	1.95	0.001037	± 2.5	PASS		
	HCH	VN	-30	3.36	0.001761	± 2.5	PASS		
		VN	-20	4.68	0.002453	± 2.5	PASS		
		VN	-10	4.04	0.002118	± 2.5	PASS		
		VN	0	1.31	0.000687	± 2.5	PASS		
		VN	10	3.26	0.001709	± 2.5	PASS		
		VN	20	-1.28	-0.000671	± 2.5	PASS		
		VN	30	2.55	0.001337	± 2.5	PASS		
		VN	40	-0.91	-0.000477	± 2.5	PASS		
		VN	50	-1.87	-0.000980	± 2.5	PASS		
		16QAM	LCH	VN	-30	1.51	0.000815	± 2.5	PASS
				VN	-20	0.15	0.000081	± 2.5	PASS
				VN	-10	4.72	0.002548	± 2.5	PASS
VN	0			4.82	0.002602	± 2.5	PASS		
VN	10			-0.72	-0.000389	± 2.5	PASS		
VN	20			-1.42	-0.000767	± 2.5	PASS		
VN	30			-0.57	-0.000308	± 2.5	PASS		
VN	40			3.98	0.002148	± 2.5	PASS		
VN	50			0.33	0.000178	± 2.5	PASS		
MCH	VN		-30	4.97	0.002644	± 2.5	PASS		
	VN		-20	-0.8	-0.000426	± 2.5	PASS		
	VN		-10	1.57	0.000835	± 2.5	PASS		
	VN		0	3.96	0.002106	± 2.5	PASS		
	VN		10	0.35	0.000186	± 2.5	PASS		
	VN		20	2.69	0.001431	± 2.5	PASS		
	VN		30	-0.06	-0.000032	± 2.5	PASS		
	VN		40	1.79	0.000952	± 2.5	PASS		
	VN		50	2.8	0.001489	± 2.5	PASS		
HCH	VN		-30	-1.51	-0.000792	± 2.5	PASS		
	VN		-20	-0.99	-0.000519	± 2.5	PASS		
	VN		-10	-0.85	-0.000446	± 2.5	PASS		
	VN		0	-0.96	-0.000503	± 2.5	PASS		
	VN		10	-0.72	-0.000377	± 2.5	PASS		
	VN		20	1.95	0.001022	± 2.5	PASS		
	VN		30	3.51	0.001840	± 2.5	PASS		
	VN		40	-0.75	-0.000393	± 2.5	PASS		

		VN	50	0.39	0.000204	± 2.5	PASS
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Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	-0.26	-0.000140	± 2.5	PASS
		VN	TN	0.18	0.000097	± 2.5	PASS
		VH	TN	0.29	0.000156	± 2.5	PASS
	MCH	VL	TN	-0.33	-0.000176	± 2.5	PASS
		VN	TN	0.31	0.000165	± 2.5	PASS
		VH	TN	4.97	0.002644	± 2.5	PASS
	HCH	VL	TN	0.5	0.000262	± 2.5	PASS
		VN	TN	3.17	0.001664	± 2.5	PASS
		VH	TN	-0.58	-0.000304	± 2.5	PASS
16QAM	LCH	VL	TN	3	0.001617	± 2.5	PASS
		VN	TN	0.22	0.000119	± 2.5	PASS
		VH	TN	3.96	0.002135	± 2.5	PASS
	MCH	VL	TN	1.49	0.000793	± 2.5	PASS
		VN	TN	1.9	0.001011	± 2.5	PASS
		VH	TN	3.9	0.002074	± 2.5	PASS
	HCH	VL	TN	0.39	0.000205	± 2.5	PASS
		VN	TN	2.31	0.001213	± 2.5	PASS
		VH	TN	0.47	0.000247	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
16QAM	LCH	VN	-30	4.21	0.002270	± 2.5	PASS
		VN	-20	-1.88	-0.001013	± 2.5	PASS
		VN	-10	3.41	0.001838	± 2.5	PASS
		VN	0	2.84	0.001531	± 2.5	PASS
		VN	10	-0.1	-0.000054	± 2.5	PASS
		VN	20	1.27	0.000685	± 2.5	PASS
		VN	30	-1.6	-0.000863	± 2.5	PASS
		VN	40	-0.97	-0.000523	± 2.5	PASS
		VN	50	-0.7	-0.000377	± 2.5	PASS
	MCH	VN	-30	0.96	0.000511	± 2.5	PASS
		VN	-20	2.2	0.001170	± 2.5	PASS
		VN	-10	4.04	0.002149	± 2.5	PASS
		VN	0	-1.1	-0.000585	± 2.5	PASS

		VN	10	2.61	0.001388	± 2.5	PASS
		VN	20	0.64	0.000340	± 2.5	PASS
		VN	30	4.58	0.002436	± 2.5	PASS
		VN	40	4.47	0.002378	± 2.5	PASS
		VN	50	-0.97	-0.000516	± 2.5	PASS
	HCH	VN	-30	4.62	0.002425	± 2.5	PASS
		VN	-20	1.44	0.000756	± 2.5	PASS
		VN	-10	-0.98	-0.000514	± 2.5	PASS
		VN	0	4.64	0.002436	± 2.5	PASS
		VN	10	4.1	0.002152	± 2.5	PASS
		VN	20	-0.21	-0.000110	± 2.5	PASS
		VN	30	-1.92	-0.001008	± 2.5	PASS
		VN	40	1.46	0.000766	± 2.5	PASS
		VN	50	-0.75	-0.000394	± 2.5	PASS
		QPSK	LCH	VN	-30	-1.75	-0.000943
VN	-20			-1.58	-0.000852	± 2.5	PASS
VN	-10			1.23	0.000663	± 2.5	PASS
VN	0			-0.69	-0.000372	± 2.5	PASS
VN	10			-0.53	-0.000286	± 2.5	PASS
VN	20			0.11	0.000059	± 2.5	PASS
VN	30			4.64	0.002501	± 2.5	PASS
VN	40			2.19	0.001181	± 2.5	PASS
VN	50			1.4	0.000755	± 2.5	PASS
MCH	VN		-30	-1.13	-0.000601	± 2.5	PASS
	VN		-20	-1.62	-0.000862	± 2.5	PASS
	VN		-10	4.74	0.002521	± 2.5	PASS
	VN		0	0.24	0.000128	± 2.5	PASS
	VN		10	0.55	0.000293	± 2.5	PASS
	VN		20	1.66	0.000883	± 2.5	PASS
	VN		30	0.71	0.000378	± 2.5	PASS
	VN		40	-0.27	-0.000144	± 2.5	PASS
	VN		50	2.74	0.001457	± 2.5	PASS
HCH	VN		-30	3.46	0.001816	± 2.5	PASS
	VN		-20	-1.23	-0.000646	± 2.5	PASS
	VN		-10	3.66	0.001921	± 2.5	PASS
	VN		0	0.59	0.000310	± 2.5	PASS
	VN		10	-0.48	-0.000252	± 2.5	PASS
	VN		20	-0.8	-0.000420	± 2.5	PASS
	VN		30	2.61	0.001370	± 2.5	PASS
	VN		40	1.08	0.000567	± 2.5	PASS
	VN		50	0.65	0.000341	± 2.5	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	1.46	0.000786	± 2.5	PASS
		VN	TN	3.19	0.001717	± 2.5	PASS
		VH	TN	4.11	0.002213	± 2.5	PASS
	MCH	VL	TN	2.98	0.001585	± 2.5	PASS
		VN	TN	-0.54	-0.000287	± 2.5	PASS
		VH	TN	-1.31	-0.000697	± 2.5	PASS
	HCH	VL	TN	-0.36	-0.000189	± 2.5	PASS
		VN	TN	4.35	0.002286	± 2.5	PASS
		VH	TN	3.65	0.001919	± 2.5	PASS
16QAM	LCH	VL	TN	3.88	0.002089	± 2.5	PASS
		VN	TN	4.64	0.002498	± 2.5	PASS
		VH	TN	4.93	0.002654	± 2.5	PASS
	MCH	VL	TN	1.43	0.000761	± 2.5	PASS
		VN	TN	1.4	0.000745	± 2.5	PASS
		VH	TN	3.37	0.001793	± 2.5	PASS
	HCH	VL	TN	-0.22	-0.000116	± 2.5	PASS
		VN	TN	0.39	0.000205	± 2.5	PASS
		VH	TN	0.45	0.000237	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	3.73	0.002008	± 2.5	PASS
		VN	-20	0.03	0.000016	± 2.5	PASS
		VN	-10	4.37	0.002353	± 2.5	PASS
		VN	0	3.56	0.001917	± 2.5	PASS
		VN	10	1.81	0.000974	± 2.5	PASS
		VN	20	0.65	0.000350	± 2.5	PASS
		VN	30	1.87	0.001007	± 2.5	PASS
		VN	40	-1.16	-0.000624	± 2.5	PASS
		VN	50	3.16	0.001701	± 2.5	PASS
	MCH	VN	-30	-0.1	-0.000053	± 2.5	PASS
		VN	-20	0.64	0.000340	± 2.5	PASS
		VN	-10	-1.08	-0.000574	± 2.5	PASS
		VN	0	2.05	0.001090	± 2.5	PASS
		VN	10	0.87	0.000463	± 2.5	PASS
		VN	20	-1.48	-0.000787	± 2.5	PASS

		VN	30	1.15	0.000612	± 2.5	PASS
		VN	40	3.59	0.001910	± 2.5	PASS
		VN	50	1.87	0.000995	± 2.5	PASS
	HCH	VN	-30	4.83	0.002539	± 2.5	PASS
		VN	-20	-1.94	-0.001020	± 2.5	PASS
		VN	-10	3.6	0.001892	± 2.5	PASS
		VN	0	3.13	0.001645	± 2.5	PASS
		VN	10	0.88	0.000463	± 2.5	PASS
		VN	20	1.84	0.000967	± 2.5	PASS
		VN	30	4.4	0.002313	± 2.5	PASS
		VN	40	-0.19	-0.000100	± 2.5	PASS
		VN	50	-0.03	-0.000016	± 2.5	PASS
		QPSK	LCH	VN	-30	1.78	0.000958
VN	-20			0.4	0.000215	± 2.5	PASS
VN	-10			0.48	0.000258	± 2.5	PASS
VN	0			2.66	0.001432	± 2.5	PASS
VN	10			-1.79	-0.000964	± 2.5	PASS
VN	20			-1.03	-0.000555	± 2.5	PASS
VN	30			4.63	0.002493	± 2.5	PASS
VN	40			0.09	0.000048	± 2.5	PASS
VN	50			0.81	0.000436	± 2.5	PASS
MCH	VN		-30	0.35	0.000186	± 2.5	PASS
	VN		-20	-0.28	-0.000149	± 2.5	PASS
	VN		-10	3.1	0.001649	± 2.5	PASS
	VN		0	0.75	0.000399	± 2.5	PASS
	VN		10	4.14	0.002202	± 2.5	PASS
	VN		20	3.54	0.001883	± 2.5	PASS
	VN		30	-0.4	-0.000213	± 2.5	PASS
	VN		40	2.48	0.001319	± 2.5	PASS
	VN		50	3.67	0.001952	± 2.5	PASS
HCH	VN		-30	-0.44	-0.000231	± 2.5	PASS
	VN		-20	3.91	0.002055	± 2.5	PASS
	VN		-10	0.97	0.000510	± 2.5	PASS
	VN		0	-1.59	-0.000836	± 2.5	PASS
	VN		10	3.85	0.002024	± 2.5	PASS
	VN		20	3.77	0.001982	± 2.5	PASS
	VN		30	1.57	0.000825	± 2.5	PASS
	VN		40	0.41	0.000216	± 2.5	PASS
	VN		50	3.91	0.002055	± 2.5	PASS

Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	4.7	0.002527	± 2.5	PASS
		VN	TN	4.01	0.002156	± 2.5	PASS
		VH	TN	3.98	0.002140	± 2.5	PASS
	MCH	VL	TN	-1.22	-0.000649	± 2.5	PASS
		VN	TN	1.68	0.000894	± 2.5	PASS
		VH	TN	-0.64	-0.000340	± 2.5	PASS
	HCH	VL	TN	-0.31	-0.000163	± 2.5	PASS
		VN	TN	0.28	0.000147	± 2.5	PASS
		VH	TN	-0.63	-0.000332	± 2.5	PASS
16QAM	LCH	VL	TN	4.54	0.002441	± 2.5	PASS
		VN	TN	2.16	0.001161	± 2.5	PASS
		VH	TN	1.69	0.000909	± 2.5	PASS
	MCH	VL	TN	3.05	0.001622	± 2.5	PASS
		VN	TN	-1.27	-0.000676	± 2.5	PASS
		VH	TN	4.1	0.002181	± 2.5	PASS
	HCH	VL	TN	4.31	0.002268	± 2.5	PASS
		VN	TN	0.46	0.000242	± 2.5	PASS
		VH	TN	0.91	0.000479	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-0.31	-0.000167	± 2.5	PASS
		VN	-20	3.83	0.002059	± 2.5	PASS
		VN	-10	3.08	0.001656	± 2.5	PASS
		VN	0	0.22	0.000118	± 2.5	PASS
		VN	10	0.34	0.000183	± 2.5	PASS
		VN	20	0.39	0.000210	± 2.5	PASS
		VN	30	3.83	0.002059	± 2.5	PASS
		VN	40	1.94	0.001043	± 2.5	PASS
		VN	50	1.05	0.000565	± 2.5	PASS
	MCH	VN	-30	-1.71	-0.000910	± 2.5	PASS
		VN	-20	-1	-0.000532	± 2.5	PASS
		VN	-10	4.12	0.002191	± 2.5	PASS
		VN	0	0.94	0.000500	± 2.5	PASS
		VN	10	0.46	0.000245	± 2.5	PASS
		VN	20	3.04	0.001617	± 2.5	PASS

		VN	30	0.67	0.000356	± 2.5	PASS
		VN	40	2.07	0.001101	± 2.5	PASS
		VN	50	2.79	0.001484	± 2.5	PASS
	HCH	VN	-30	-0.23	-0.000121	± 2.5	PASS
		VN	-20	-0.49	-0.000258	± 2.5	PASS
		VN	-10	4.42	0.002326	± 2.5	PASS
		VN	0	-1.39	-0.000732	± 2.5	PASS
		VN	10	-1.29	-0.000679	± 2.5	PASS
		VN	20	-1.01	-0.000532	± 2.5	PASS
		VN	30	1.74	0.000916	± 2.5	PASS
		VN	40	4.01	0.002111	± 2.5	PASS
		VN	50	2.7	0.001421	± 2.5	PASS
QPSK	LCH	VN	-30	0.86	0.000462	± 2.5	PASS
		VN	-20	1.55	0.000833	± 2.5	PASS
		VN	-10	1.3	0.000699	± 2.5	PASS
		VN	0	-0.7	-0.000376	± 2.5	PASS
		VN	10	1.74	0.000935	± 2.5	PASS
		VN	20	-0.79	-0.000425	± 2.5	PASS
		VN	30	4.16	0.002237	± 2.5	PASS
		VN	40	-0.63	-0.000339	± 2.5	PASS
		VN	50	3.65	0.001962	± 2.5	PASS
	MCH	VN	-30	-1.78	-0.000947	± 2.5	PASS
		VN	-20	3.3	0.001755	± 2.5	PASS
		VN	-10	3.59	0.001910	± 2.5	PASS
		VN	0	1.35	0.000718	± 2.5	PASS
		VN	10	4.41	0.002346	± 2.5	PASS
		VN	20	-0.62	-0.000330	± 2.5	PASS
		VN	30	-0.86	-0.000457	± 2.5	PASS
		VN	40	4.04	0.002149	± 2.5	PASS
		VN	50	3.66	0.001947	± 2.5	PASS
	HCH	VN	-30	-1.38	-0.000726	± 2.5	PASS
		VN	-20	0.27	0.000142	± 2.5	PASS
		VN	-10	-1.48	-0.000779	± 2.5	PASS
		VN	0	3.82	0.002011	± 2.5	PASS
		VN	10	4.42	0.002326	± 2.5	PASS
		VN	20	0.29	0.000153	± 2.5	PASS
		VN	30	4.85	0.002553	± 2.5	PASS
		VN	40	-0.37	-0.000195	± 2.5	PASS
		VN	50	-1.78	-0.000937	± 2.5	PASS