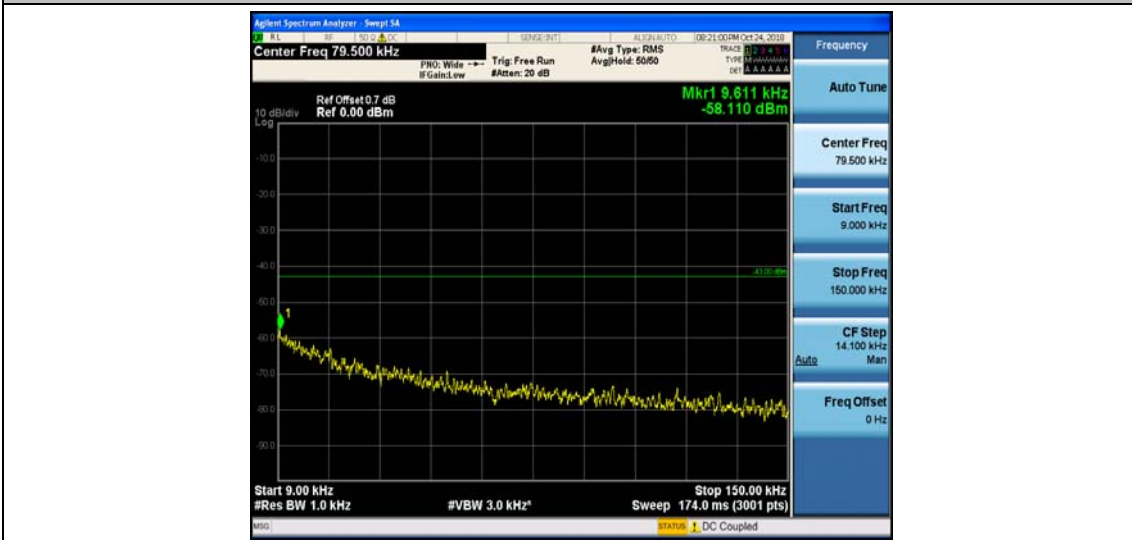
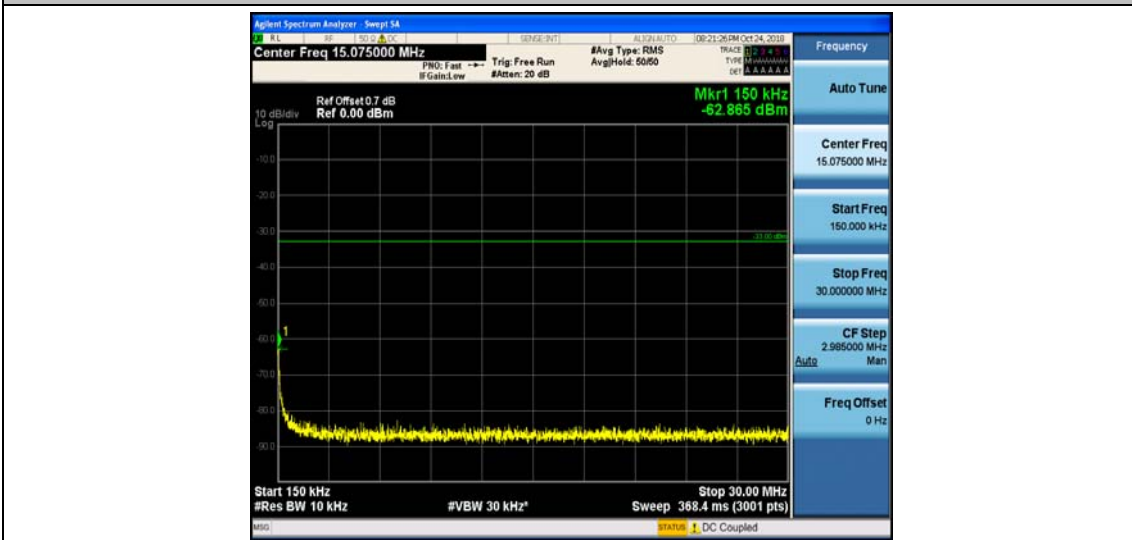




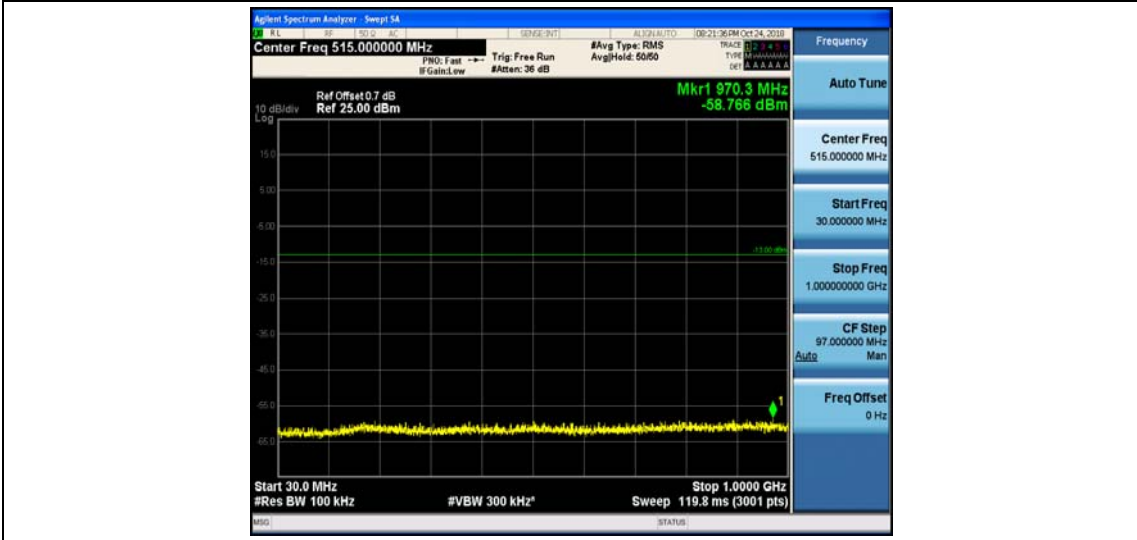
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Band4_5MHz_16QAM_20375_1RB#0



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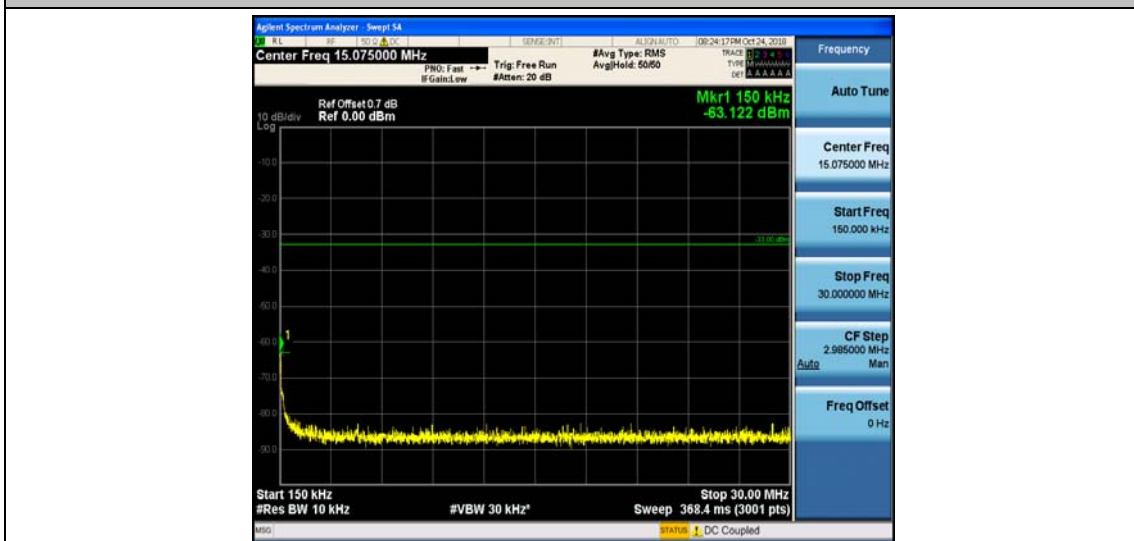
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Band4_10MHz_QPSK_20000_1RB#0



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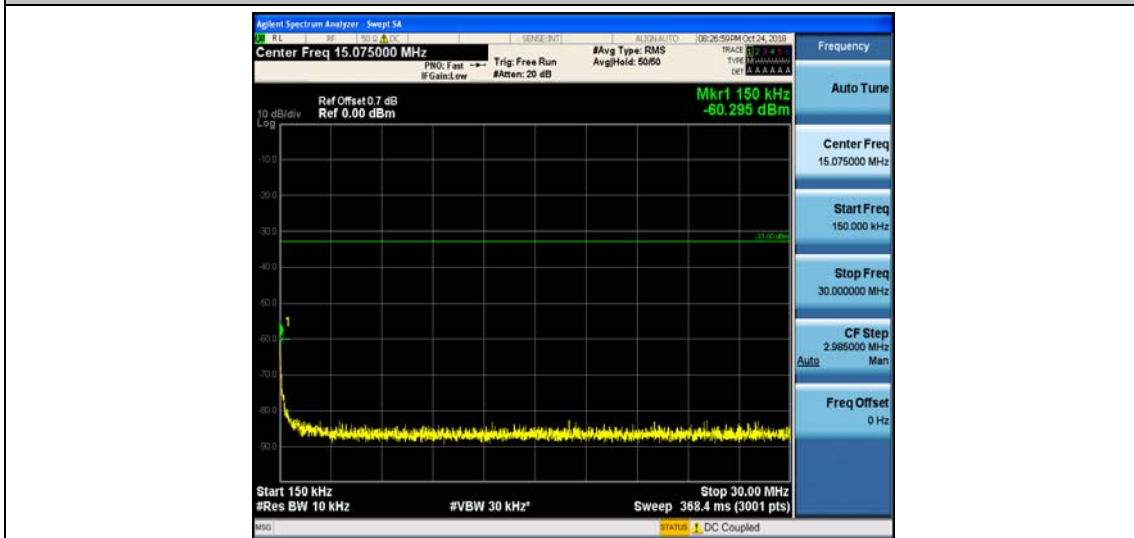
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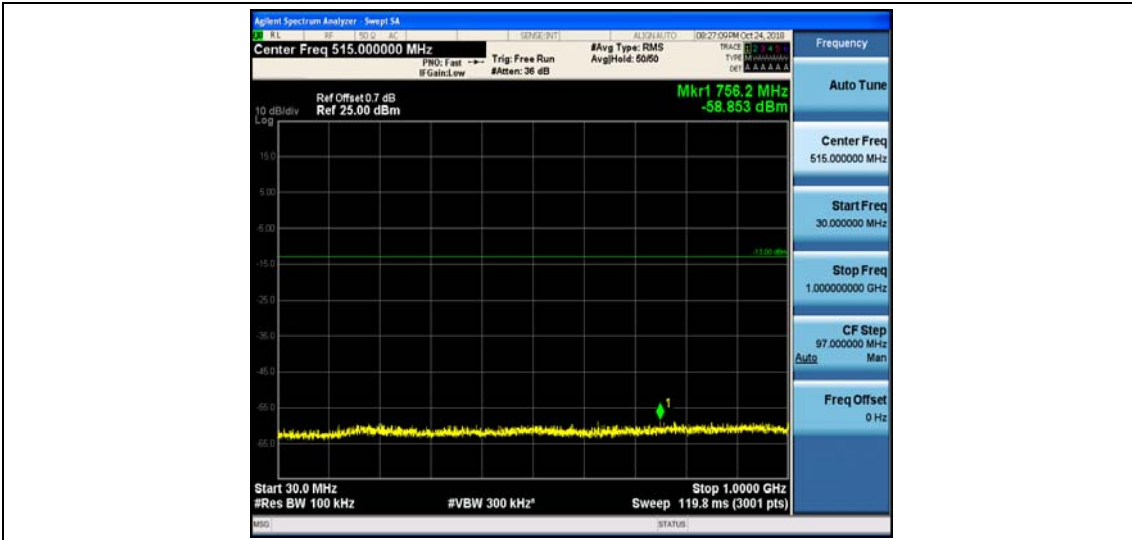
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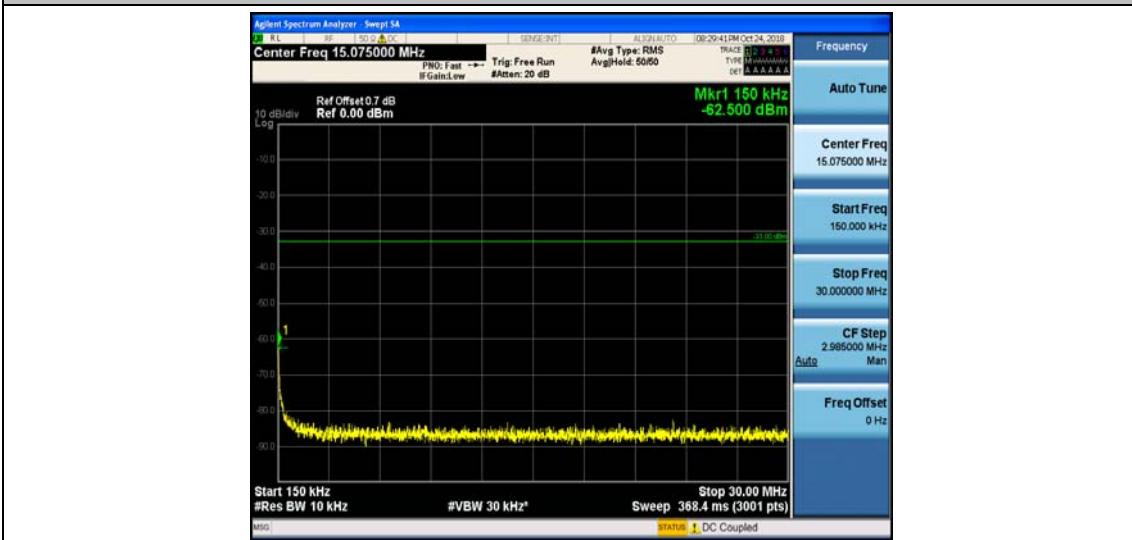
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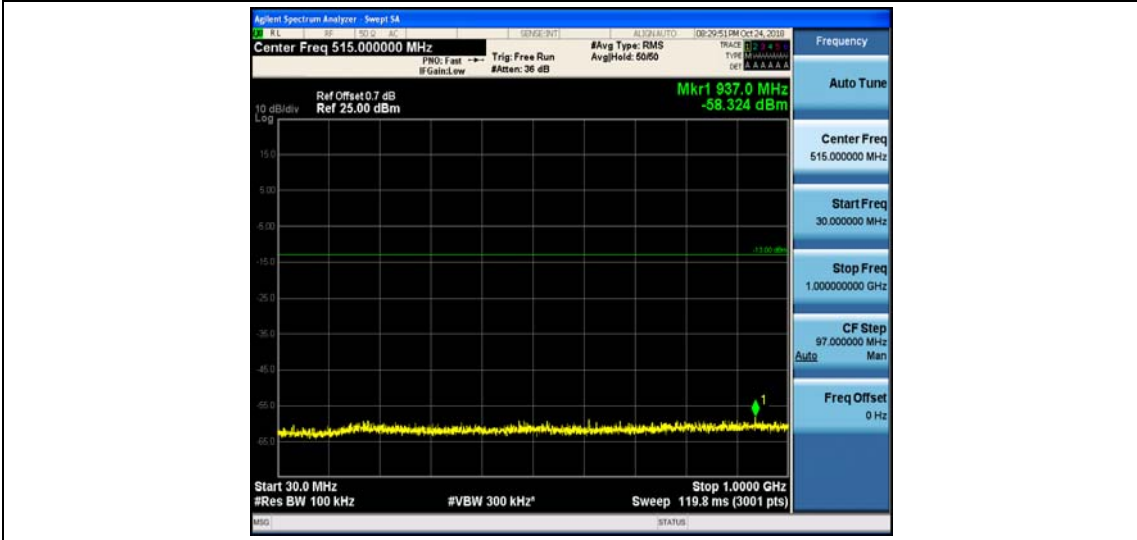
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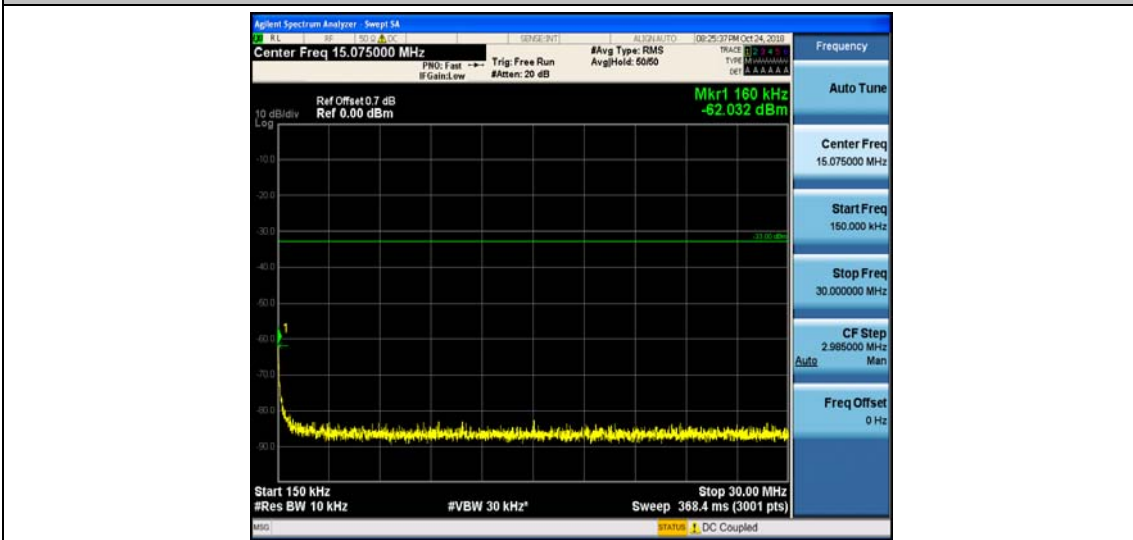
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Band4_10MHz_16QAM_20000_1RB#0



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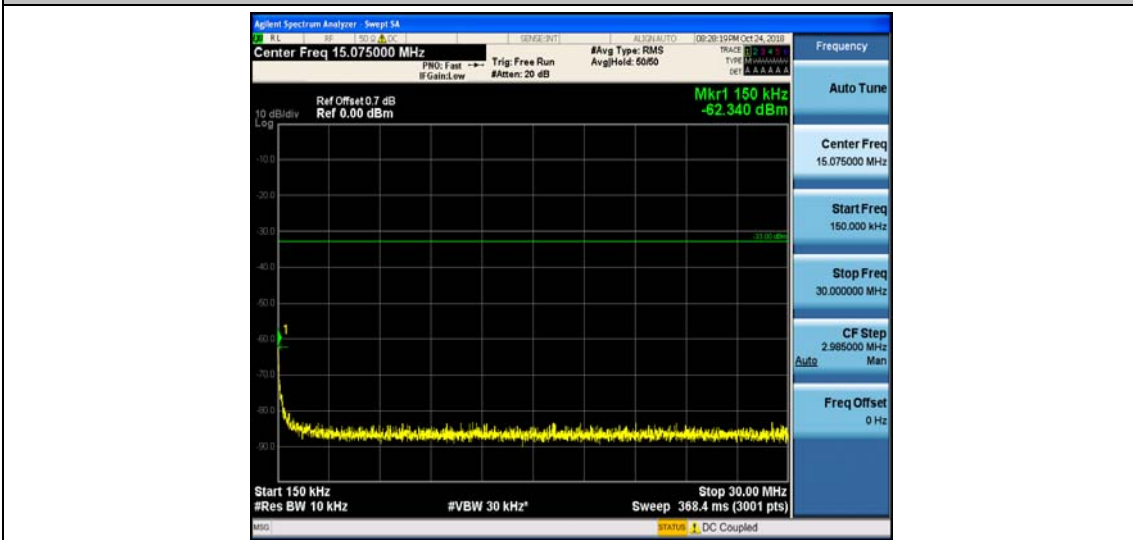
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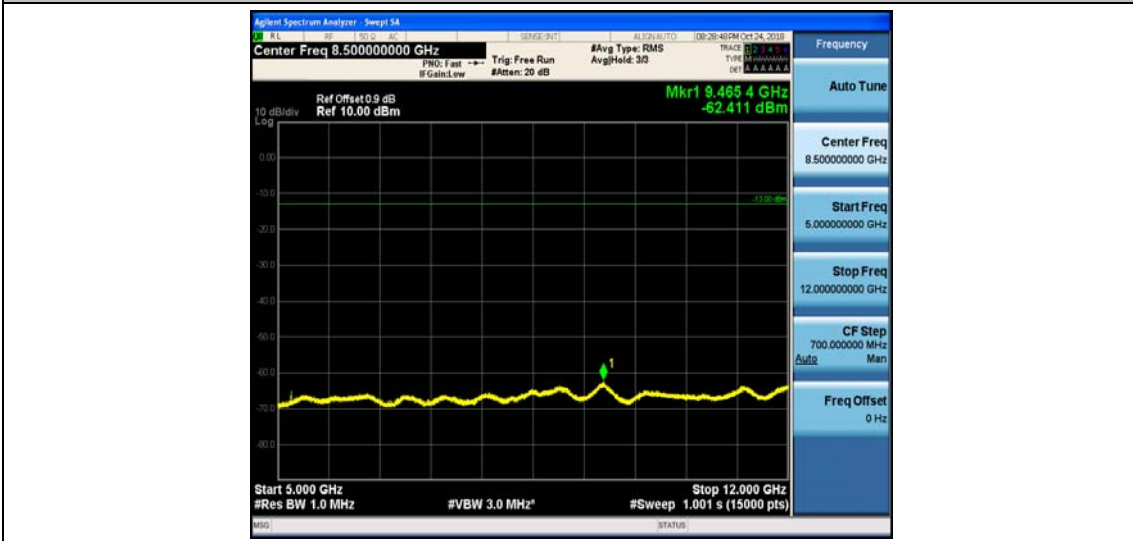
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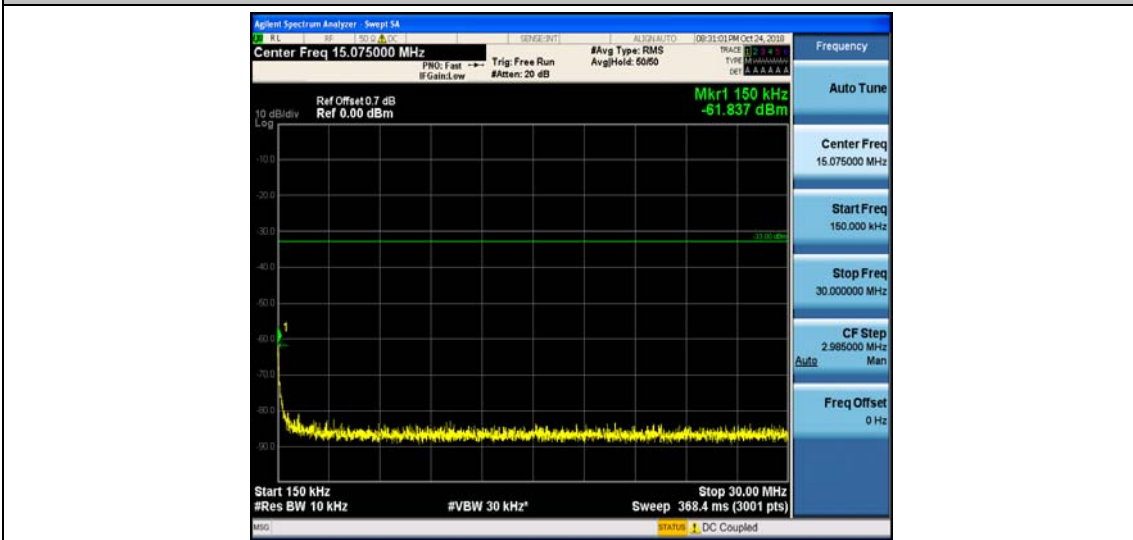
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Band4_10MHz_16QAM_20350_1RB#0



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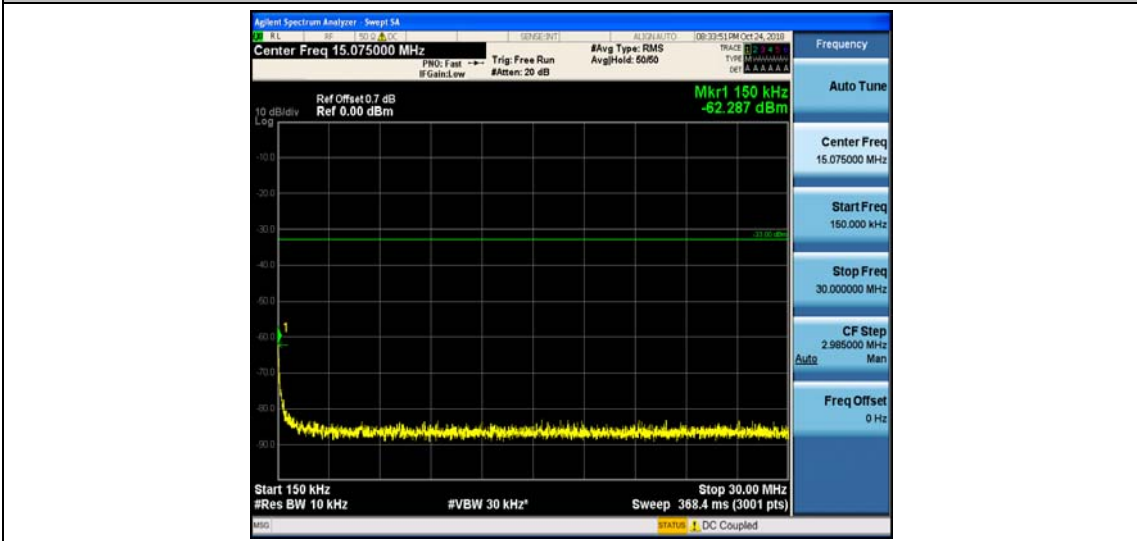
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Band4_15MHz_QPSK_20025_1RB#0



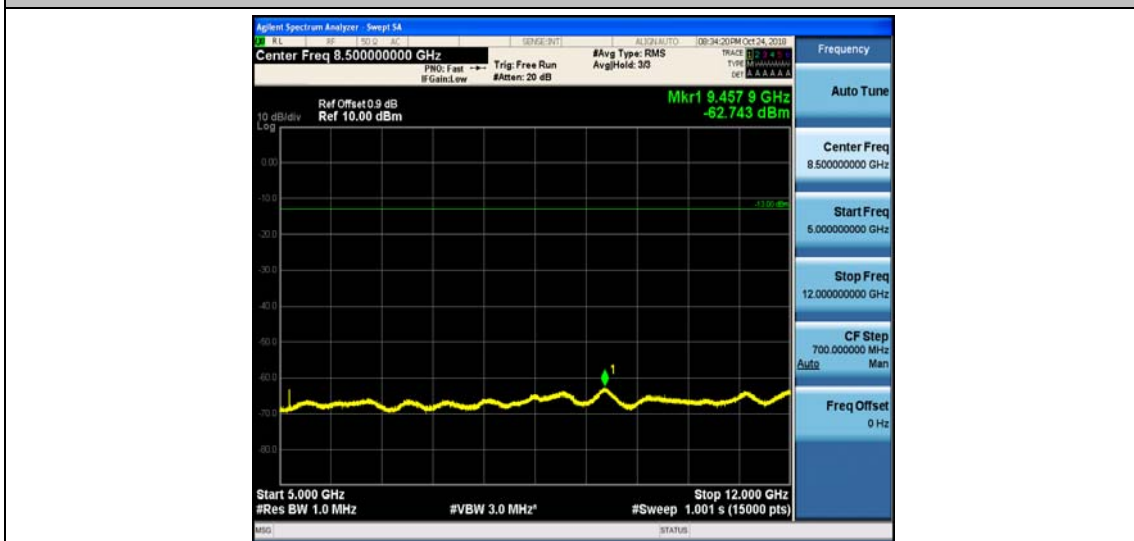
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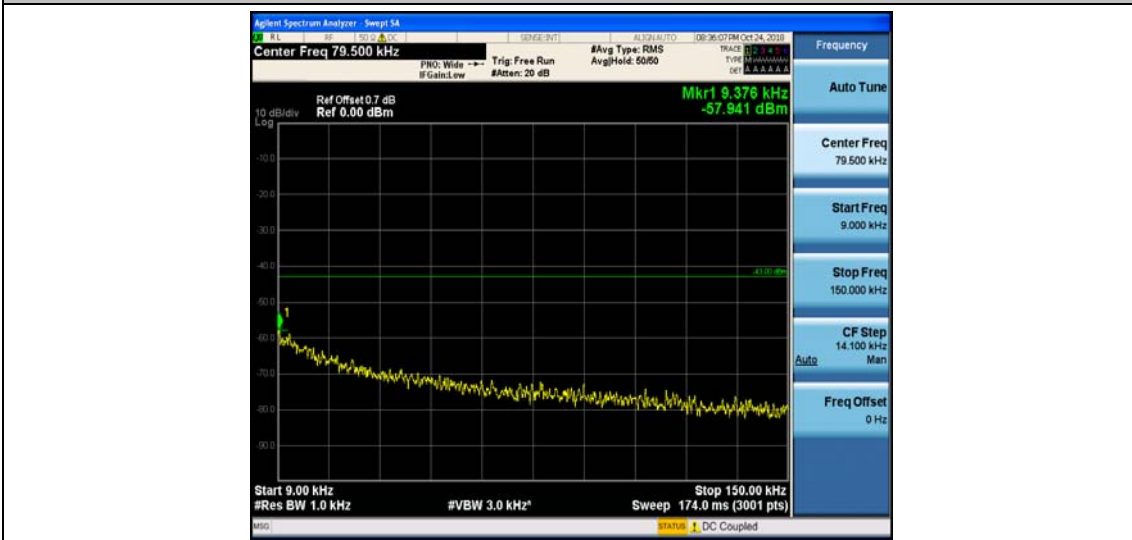
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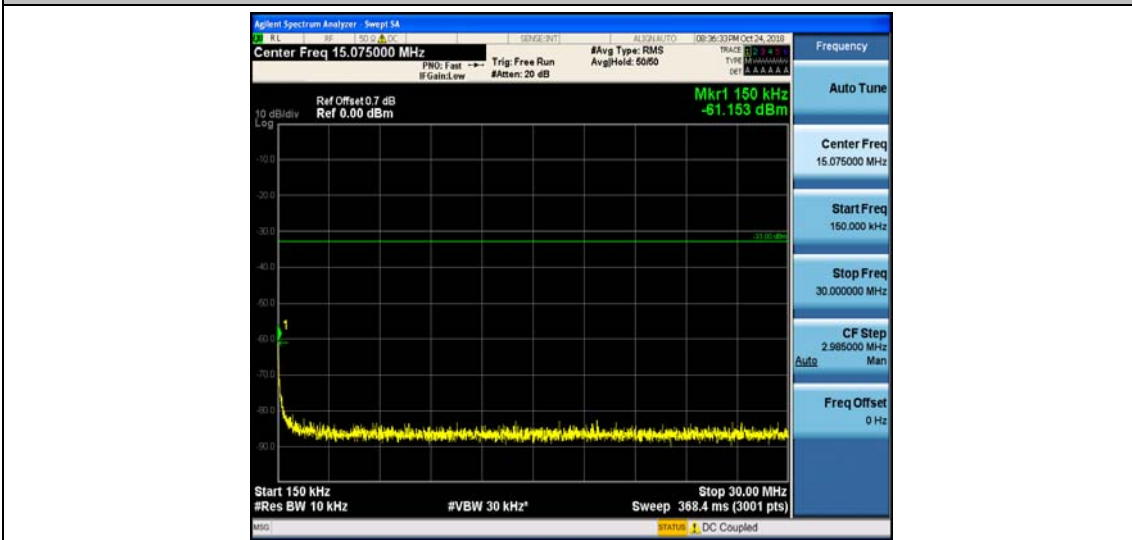
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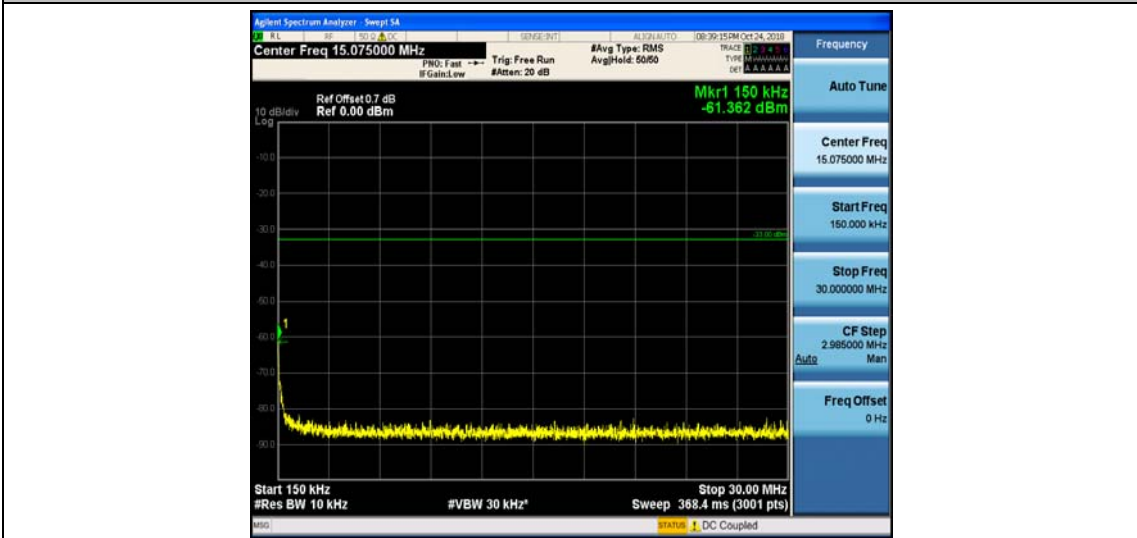
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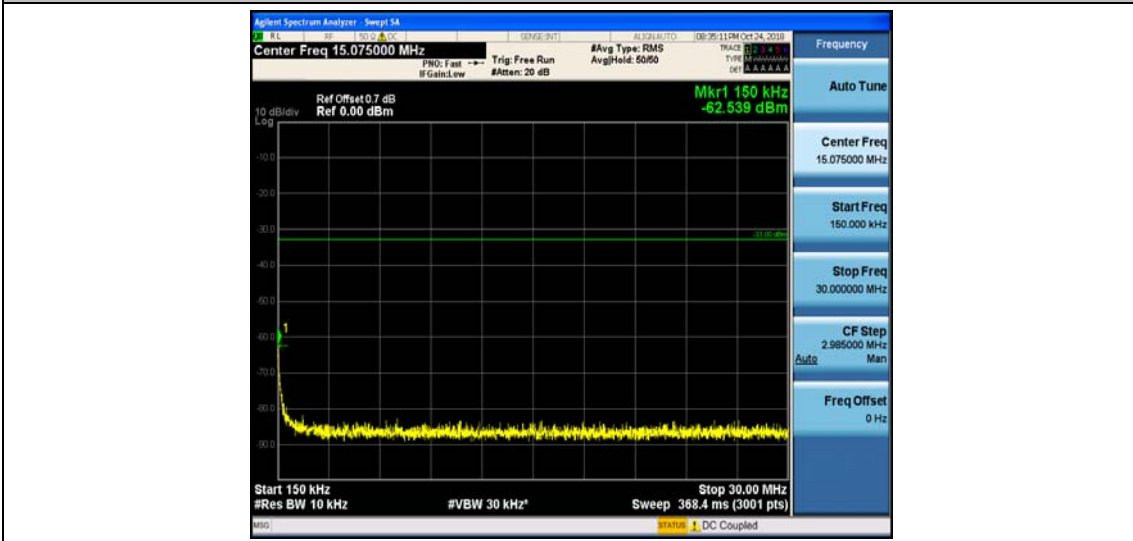
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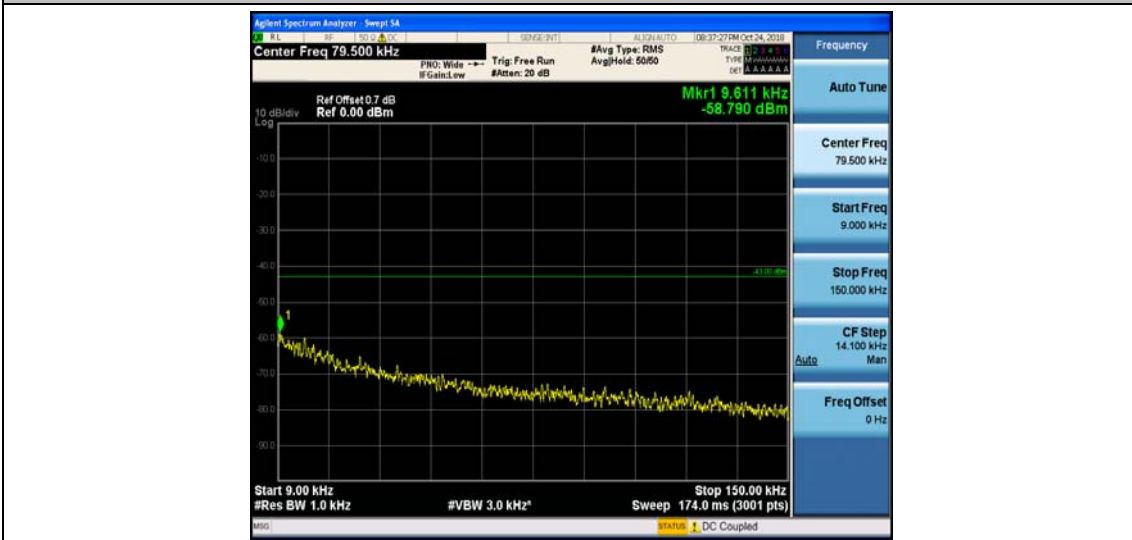
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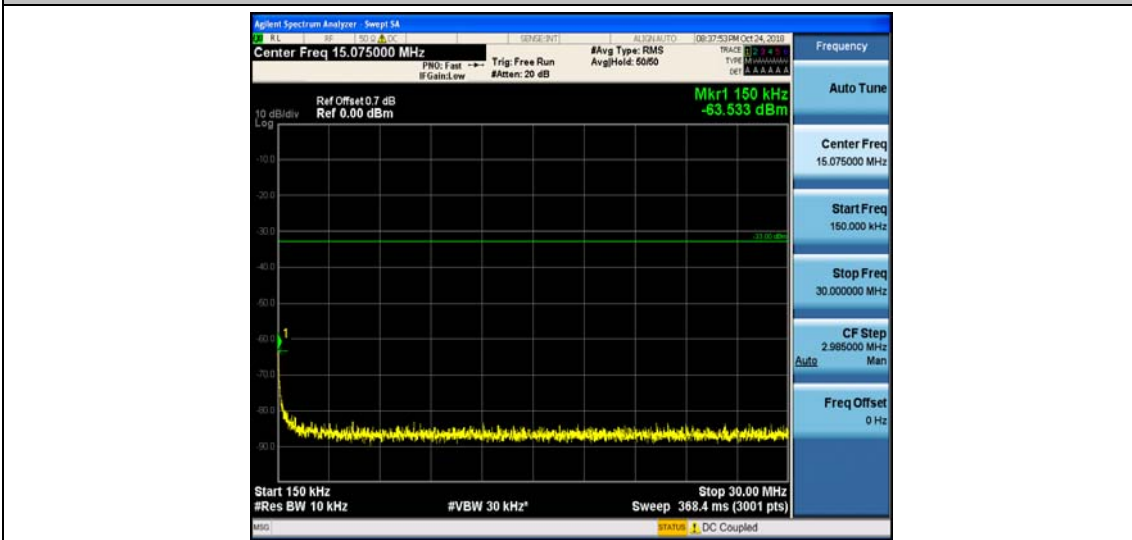
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Band4_15MHz_16QAM_20175_1RB#0



Band4_15MHz_16QAM_20175_1RB#0



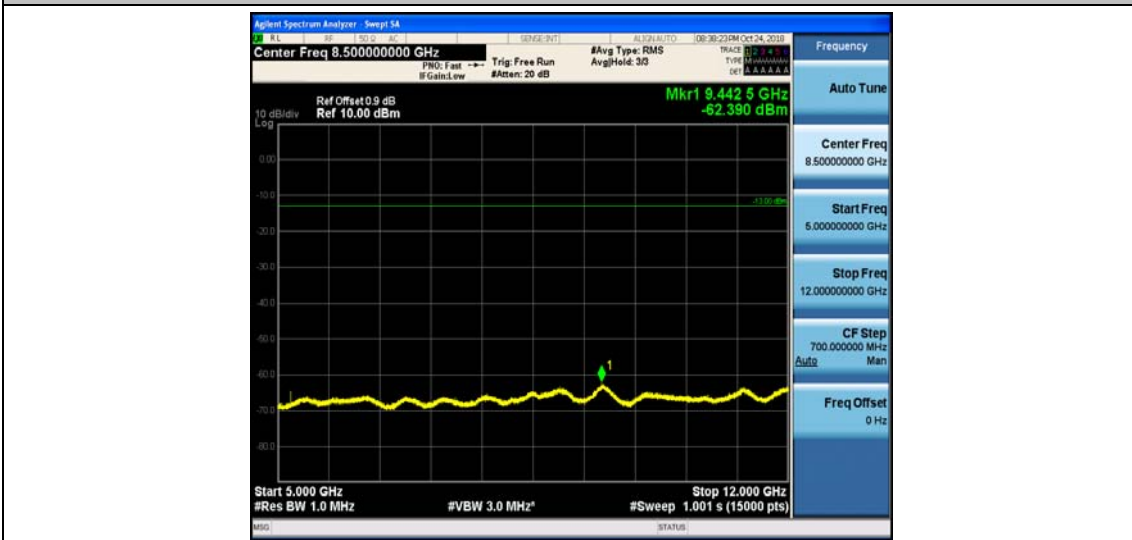
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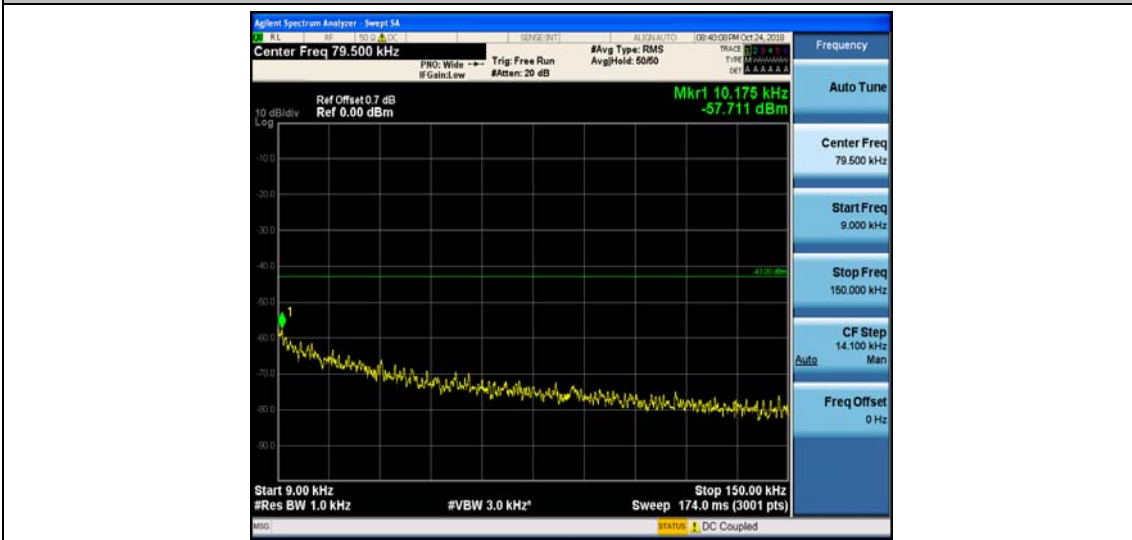
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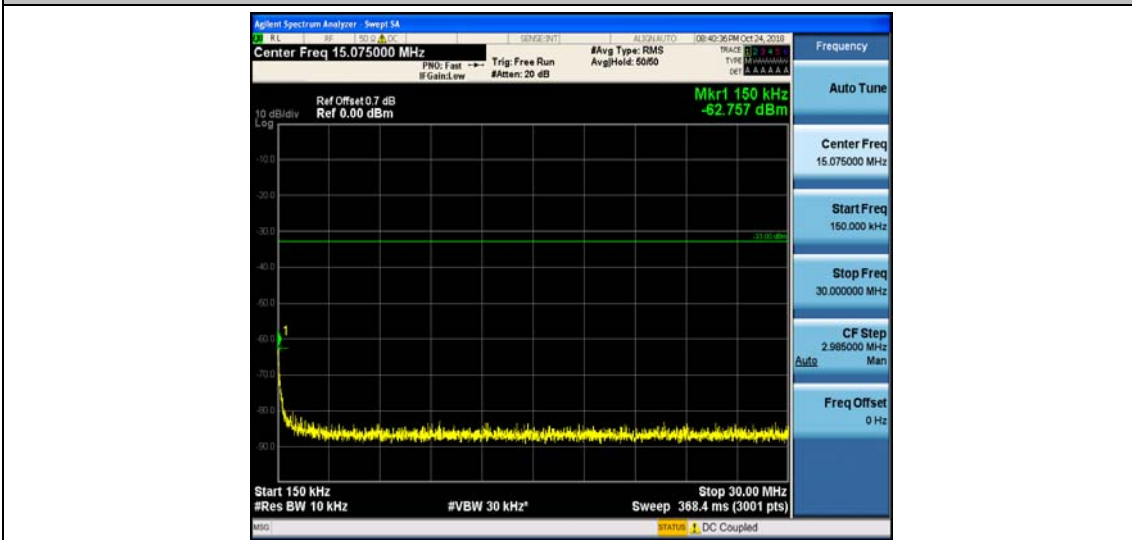
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Band4_15MHz_16QAM_20325_1RB#0



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Band4_15MHz_16QAM_20325_1RB#0



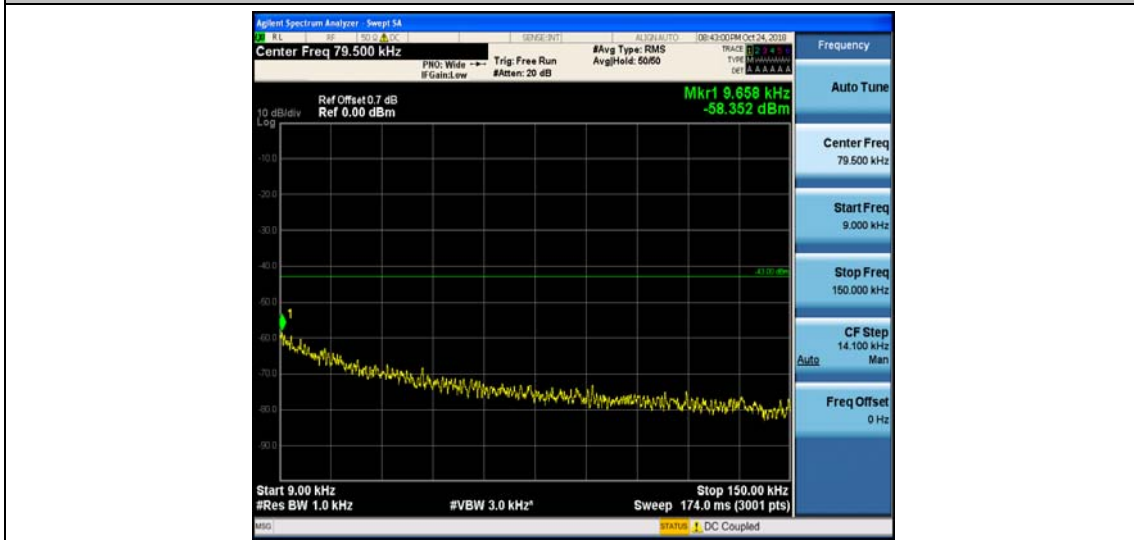
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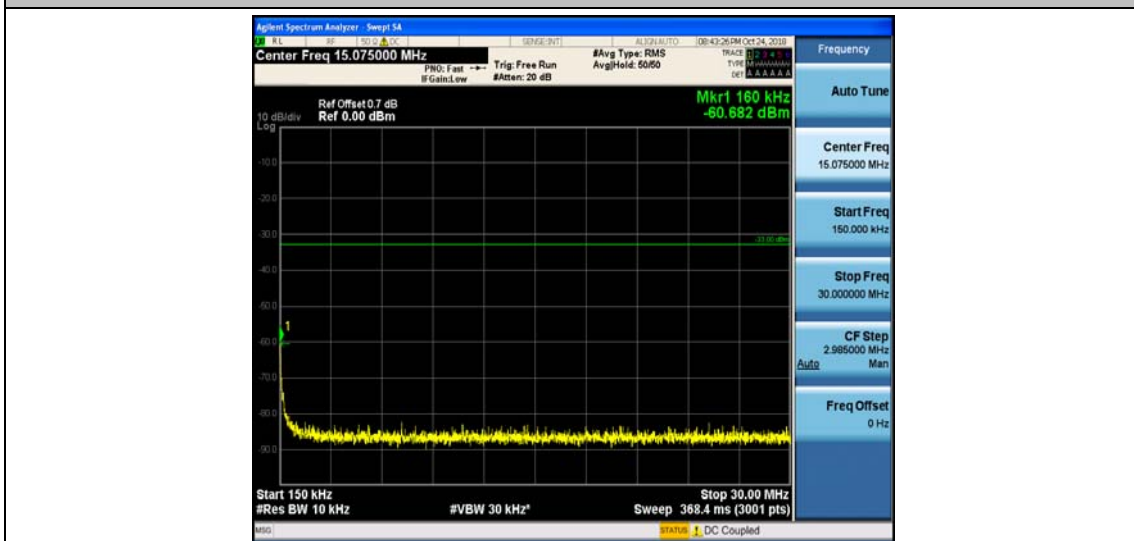
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Band4_20MHz_QPSK_20050_1RB#0



Band4_20MHz_QPSK_20050_1RB#0



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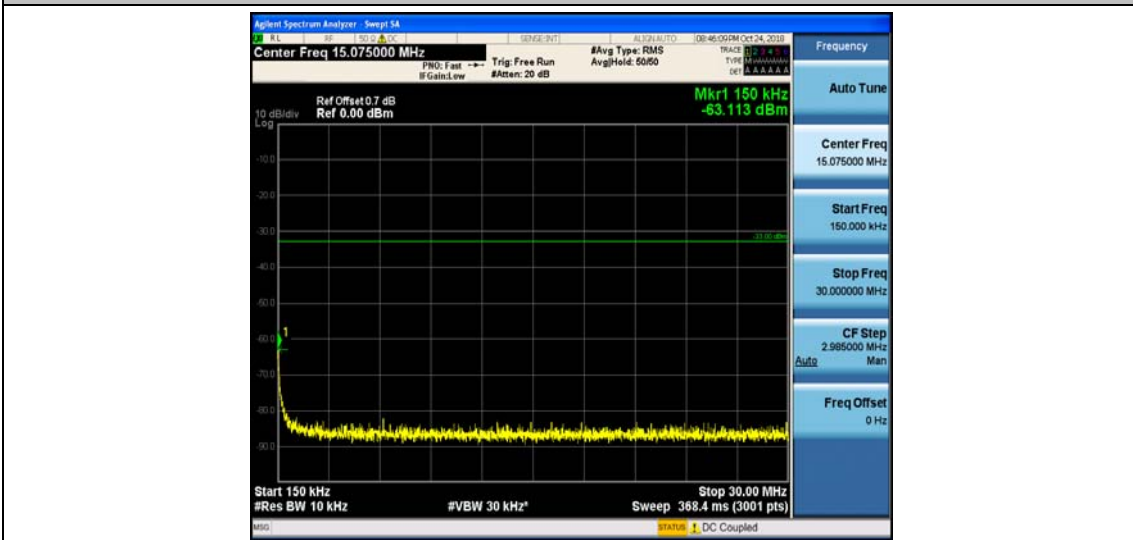
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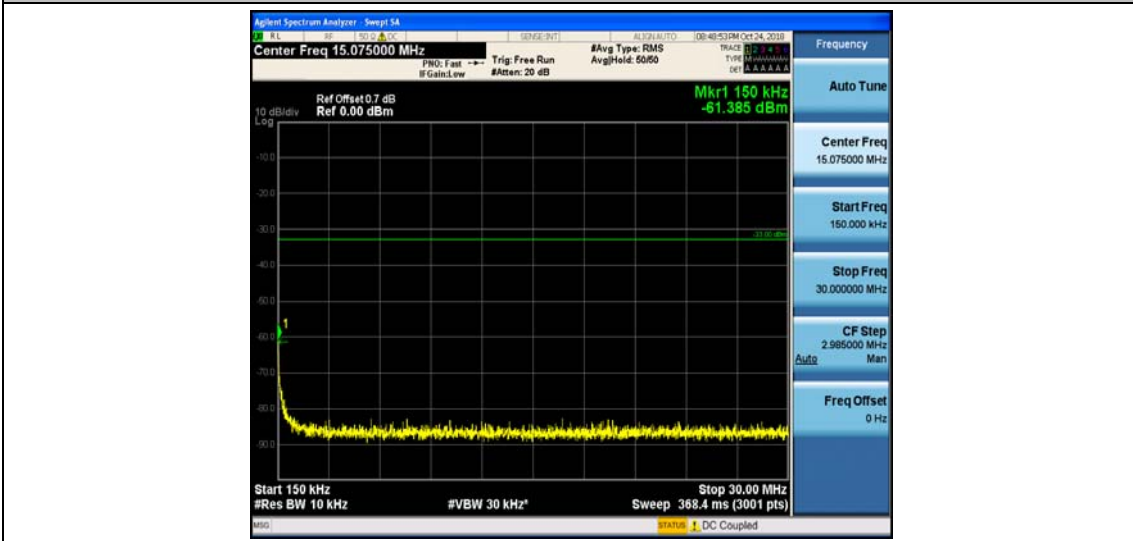
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Band4_20MHz_QPSK_20300_1RB#0



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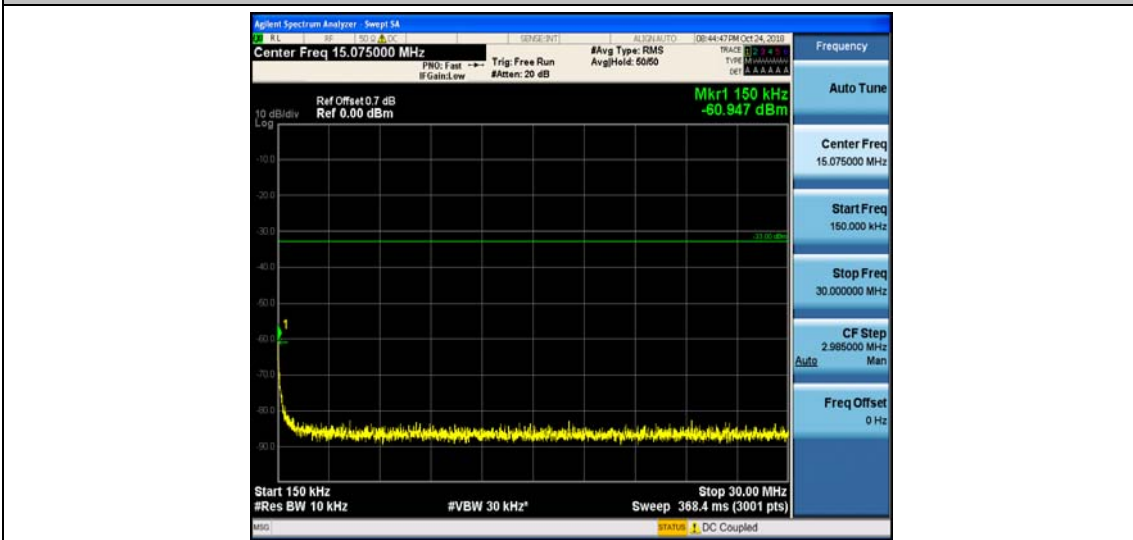
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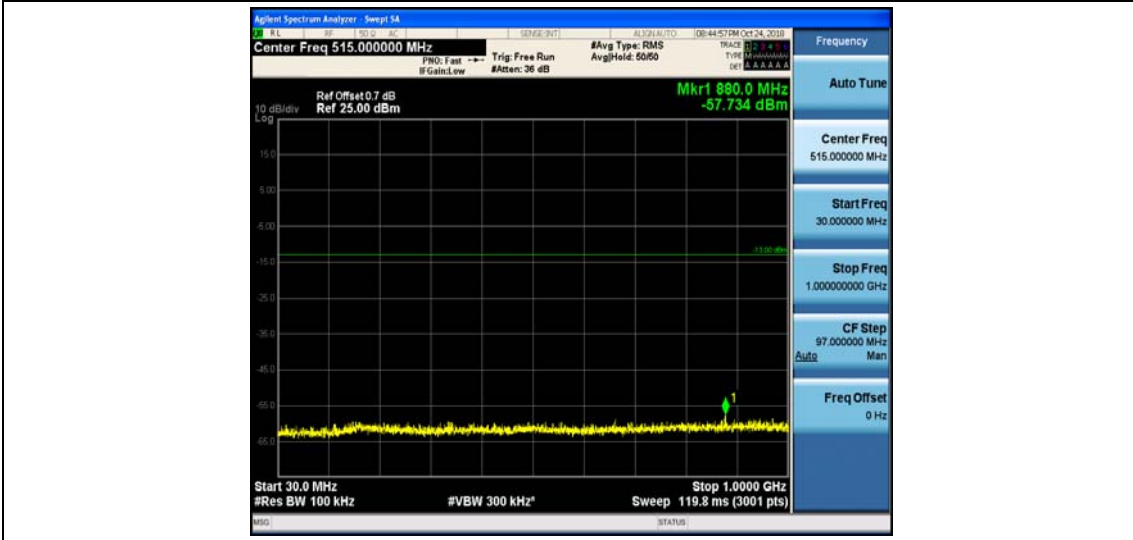
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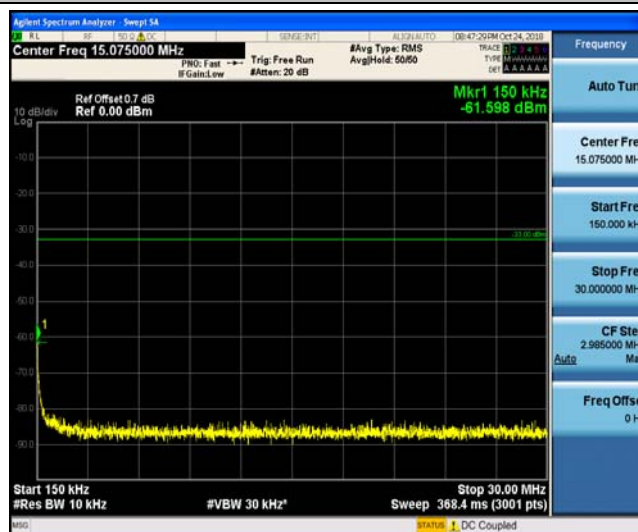
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Band4_20MHz_16QAM_20175_1RB#0



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Band4_20MHz_16QAM_20175_1RB#0



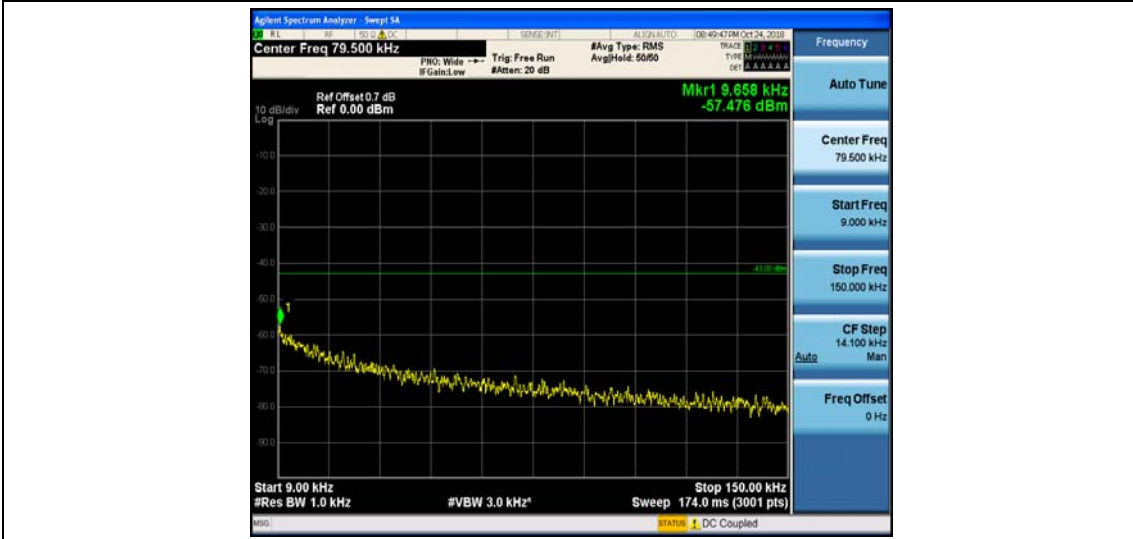
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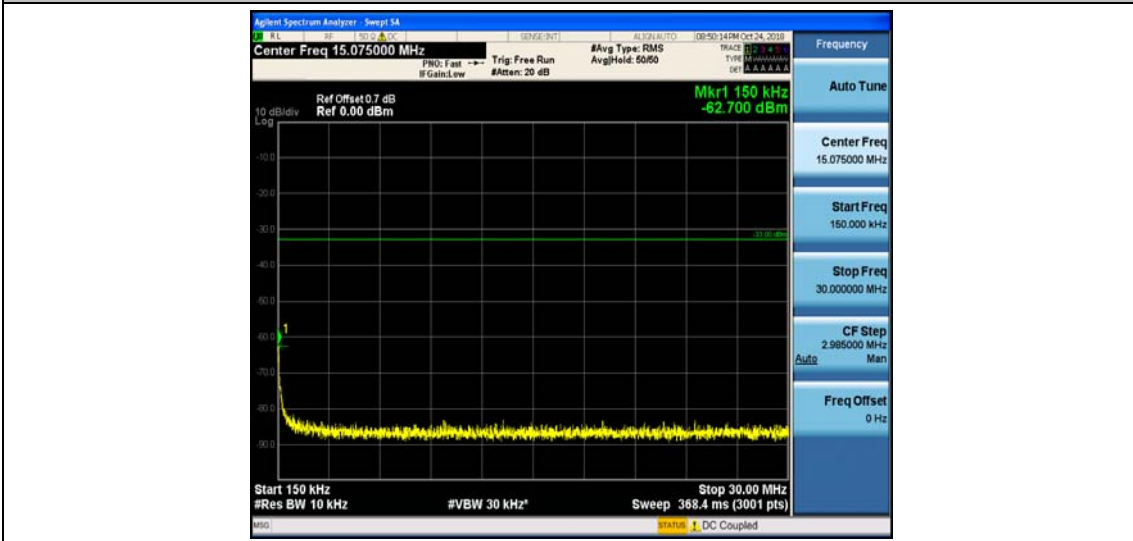
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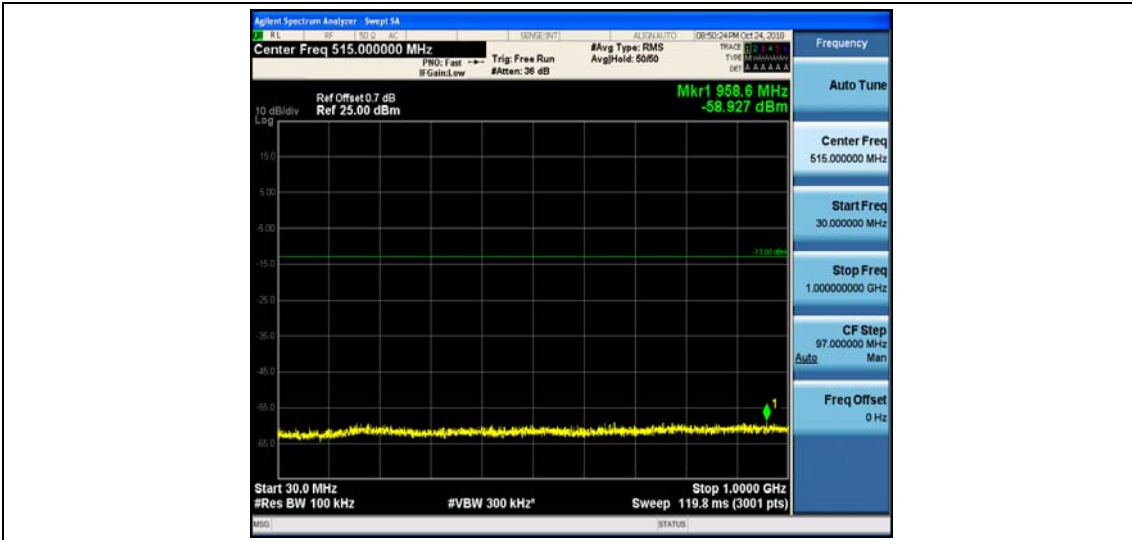
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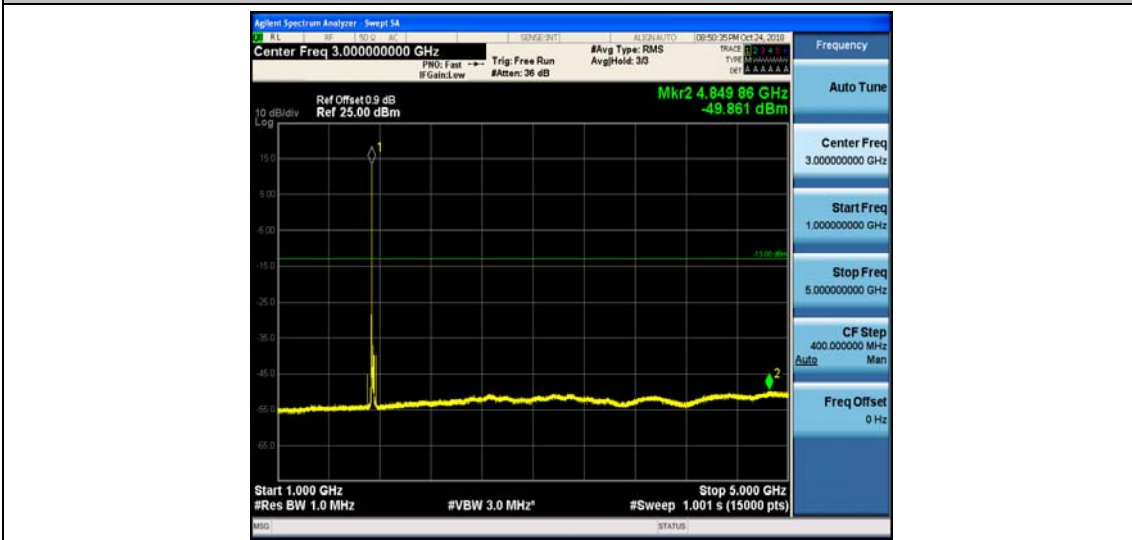
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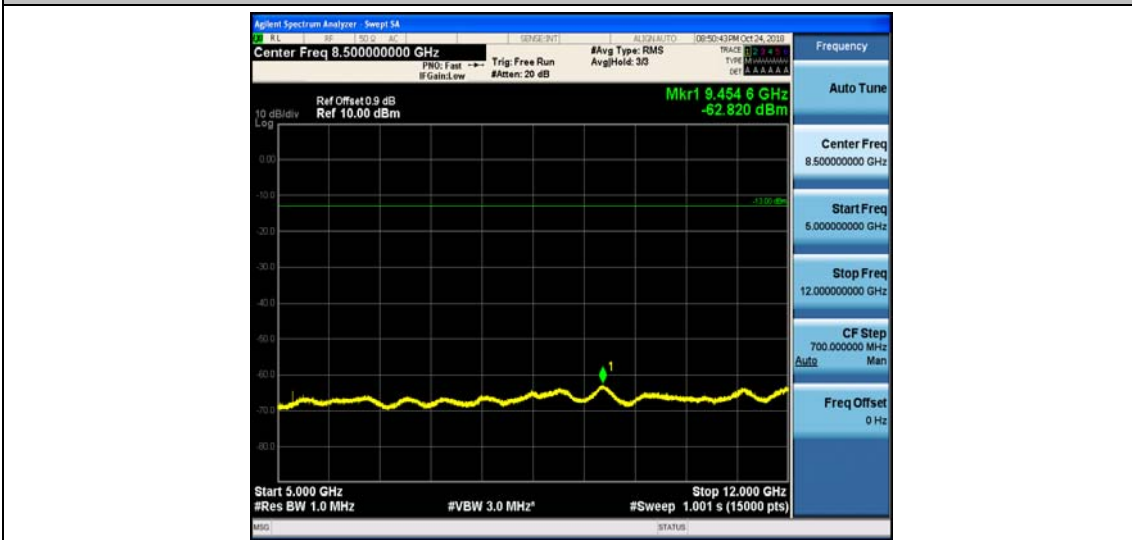
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Band4_20MHz_16QAM_20300_1RB#0



Band4_20MHz_16QAM_20300_1RB#0



Band4_20MHz_16QAM_20300_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	2.79	0.001631	± 2.5	PASS
		VN	TN	0.64	0.000374	± 2.5	PASS
		VH	TN	0.79	0.000462	± 2.5	PASS
	MCH	VL	TN	2.3	0.001328	± 2.5	PASS
		VN	TN	2	0.001154	± 2.5	PASS
		VH	TN	3.82	0.002205	± 2.5	PASS
	HCH	VL	TN	0.76	0.000433	± 2.5	PASS
		VN	TN	1.09	0.000621	± 2.5	PASS
		VH	TN	0.66	0.000376	± 2.5	PASS
16QAM	LCH	VL	TN	3.48	0.002034	± 2.5	PASS
		VN	TN	1.88	0.001099	± 2.5	PASS
		VH	TN	4.9	0.002864	± 2.5	PASS
	MCH	VL	TN	1.99	0.001149	± 2.5	PASS
		VN	TN	2.41	0.001391	± 2.5	PASS
		VH	TN	4.8	0.002771	± 2.5	PASS
	HCH	VL	TN	-0.32	-0.000182	± 2.5	PASS
		VN	TN	-1.74	-0.000992	± 2.5	PASS
		VH	TN	4.4	0.002508	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	2.61	0.001526	± 2.5	PASS
		VN	-20	-0.81	-0.000473	± 2.5	PASS
		VN	-10	-1.9	-0.001111	± 2.5	PASS
		VN	0	1.52	0.000889	± 2.5	PASS
		VN	10	-1.06	-0.000620	± 2.5	PASS
		VN	20	-1.88	-0.001099	± 2.5	PASS
		VN	30	-0.84	-0.000491	± 2.5	PASS
		VN	40	0.21	0.000123	± 2.5	PASS
		VN	50	2.34	0.001368	± 2.5	PASS
	MCH	VN	-30	-0.77	-0.000444	± 2.5	PASS

	VN	-20	2.84	0.001639	± 2.5	PASS	
		-10	0.16	0.000092	± 2.5	PASS	
		0	3.73	0.002153	± 2.5	PASS	
		10	-1.01	-0.000583	± 2.5	PASS	
		20	-1.13	-0.000652	± 2.5	PASS	
		30	4.58	0.002644	± 2.5	PASS	
		40	-1.5	-0.000866	± 2.5	PASS	
		50	2.76	0.001593	± 2.5	PASS	
	HCH	VN	-30	2.96	0.001687	± 2.5	PASS
		VN	-20	2.52	0.001436	± 2.5	PASS
		VN	-10	1.78	0.001015	± 2.5	PASS
		VN	0	4.96	0.002827	± 2.5	PASS
		VN	10	4.69	0.002673	± 2.5	PASS
		VN	20	-1.14	-0.000650	± 2.5	PASS
		VN	30	4.66	0.002656	± 2.5	PASS
		VN	40	2.4	0.001368	± 2.5	PASS
		VN	50	0.37	0.000211	± 2.5	PASS
		16QAM	LCH	VN	-30	1.79	0.001046
VN	-20			3.24	0.001894	± 2.5	PASS
VN	-10			3.63	0.002122	± 2.5	PASS
VN	0			3.62	0.002116	± 2.5	PASS
VN	10			4.34	0.002537	± 2.5	PASS
VN	20			-0.89	-0.000520	± 2.5	PASS
VN	30			4.41	0.002578	± 2.5	PASS
VN	40			2.14	0.001251	± 2.5	PASS
VN	50			-0.52	-0.000304	± 2.5	PASS
MCH	VN		-30	0.59	0.000336	± 2.5	PASS
	VN		-20	-1.25	-0.000713	± 2.5	PASS
	VN		-10	-1.99	-0.001134	± 2.5	PASS
	VN		0	1.11	0.000633	± 2.5	PASS
	VN		10	3.39	0.001932	± 2.5	PASS
	VN		20	-0.57	-0.000325	± 2.5	PASS
	VN		30	0.8	0.000456	± 2.5	PASS
	VN		40	-1.95	-0.001112	± 2.5	PASS
	VN		50	4.5	0.002565	± 2.5	PASS
HCH	VN		-30	4.26	0.002428	± 2.5	PASS
	VN		-20	-1.06	-0.000604	± 2.5	PASS
	VN		-10	3.49	0.001989	± 2.5	PASS
	VN		0	0.48	0.000274	± 2.5	PASS
	VN		10	-0.98	-0.000559	± 2.5	PASS
	VN		20	4.71	0.002685	± 2.5	PASS

		VN	30	0.95	0.000542	± 2.5	PASS
		VN	40	1.52	0.000866	± 2.5	PASS
		VN	50	1.63	0.000929	± 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	4.41	0.002577	± 2.5	PASS
		VN	TN	-1.66	-0.000970	± 2.5	PASS
		VH	TN	-0.47	-0.000275	± 2.5	PASS
	MCH	VL	TN	-0.42	-0.000242	± 2.5	PASS
		VN	TN	4.76	0.002747	± 2.5	PASS
		VH	TN	-1.17	-0.000675	± 2.5	PASS
	HCH	VL	TN	1.17	0.000667	± 2.5	PASS
		VN	TN	1.98	0.001129	± 2.5	PASS
		VH	TN	1.73	0.000987	± 2.5	PASS
16QAM	LCH	VL	TN	3.2	0.001870	± 2.5	PASS
		VN	TN	3.24	0.001893	± 2.5	PASS
		VH	TN	2.51	0.001467	± 2.5	PASS
	MCH	VL	TN	0.6	0.000346	± 2.5	PASS
		VN	TN	3.75	0.002165	± 2.5	PASS
		VH	TN	0.68	0.000392	± 2.5	PASS
	HCH	VL	TN	3.31	0.001888	± 2.5	PASS
		VN	TN	1.94	0.001106	± 2.5	PASS
		VH	TN	1.81	0.001032	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	0.75	0.000438	± 2.5	PASS
		VN	-20	1.25	0.000730	± 2.5	PASS
		VN	-10	-0.35	-0.000204	± 2.5	PASS
		VN	0	-1.61	-0.000941	± 2.5	PASS
		VN	10	-0.72	-0.000421	± 2.5	PASS
		VN	20	-1.1	-0.000643	± 2.5	PASS
		VN	30	4.06	0.002372	± 2.5	PASS
		VN	40	0.47	0.000275	± 2.5	PASS
		VN	50	2.75	0.001607	± 2.5	PASS
	MCH	VN	-30	2	0.001154	± 2.5	PASS
		VN	-20	0.68	0.000392	± 2.5	PASS

		VN	-10	2.7	0.001558	± 2.5	PASS	
		VN	0	-0.19	-0.000110	± 2.5	PASS	
		VN	10	1.58	0.000912	± 2.5	PASS	
		VN	20	-1.62	-0.000935	± 2.5	PASS	
		VN	30	4.89	0.002823	± 2.5	PASS	
		VN	40	-1.84	-0.001062	± 2.5	PASS	
		VN	50	0.97	0.000560	± 2.5	PASS	
	HCH	VN	-30	-1.71	-0.000975	± 2.5	PASS	
		VN	-20	3.66	0.002087	± 2.5	PASS	
		VN	-10	-0.43	-0.000245	± 2.5	PASS	
		VN	0	3.93	0.002241	± 2.5	PASS	
		VN	10	4.74	0.002703	± 2.5	PASS	
		VN	20	1.47	0.000838	± 2.5	PASS	
		VN	30	1.32	0.000753	± 2.5	PASS	
	QPSK	LCH	VN	40	4.87	0.002777	± 2.5	PASS
			VN	50	4.49	0.002561	± 2.5	PASS
			VN	-30	-0.76	-0.000439	± 2.5	PASS
			VN	-20	1.32	0.000762	± 2.5	PASS
VN			-10	-1.4	-0.000808	± 2.5	PASS	
VN			0	1.7	0.000981	± 2.5	PASS	
VN			10	4	0.002309	± 2.5	PASS	
VN			20	1.53	0.000883	± 2.5	PASS	
VN			30	-0.08	-0.000046	± 2.5	PASS	
MCH		VN	40	2.86	0.001651	± 2.5	PASS	
		VN	50	-0.39	-0.000225	± 2.5	PASS	
		VN	-30	4.63	0.002640	± 2.5	PASS	
		VN	-20	-0.74	-0.000422	± 2.5	PASS	
		VN	-10	3.01	0.001717	± 2.5	PASS	
		VN	0	-1.18	-0.000673	± 2.5	PASS	
		VN	10	0.72	0.000411	± 2.5	PASS	
		VN	20	1.54	0.000878	± 2.5	PASS	
		VN	30	2.36	0.001346	± 2.5	PASS	
HCH	VN	40	-1.79	-0.001021	± 2.5	PASS		
	VN	50	0.31	0.000177	± 2.5	PASS		
	VN	-30	1.3	0.000741	± 2.5	PASS		
	VN	-20	2.67	0.001523	± 2.5	PASS		
	VN	-10	2.86	0.001631	± 2.5	PASS		
	VN	0	3.6	0.002053	± 2.5	PASS		
	VN	10	4.92	0.002806	± 2.5	PASS		
VN	20	2.31	0.001317	± 2.5	PASS			
VN	30	4.42	0.002521	± 2.5	PASS			

		VN	40	-0.11	-0.000063	± 2.5	PASS
		VN	50	3.53	0.002013	± 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	-0.01	-0.000006	± 2.5	PASS
		VN	TN	-1.59	-0.000928	± 2.5	PASS
		VH	TN	-1.85	-0.001080	± 2.5	PASS
	MCH	VL	TN	3.4	0.001962	± 2.5	PASS
		VN	TN	4.96	0.002863	± 2.5	PASS
		VH	TN	-0.88	-0.000508	± 2.5	PASS
	HCH	VL	TN	1.38	0.000787	± 2.5	PASS
		VN	TN	3.52	0.002009	± 2.5	PASS
		VH	TN	2	0.001141	± 2.5	PASS
16QAM	LCH	VL	TN	0.84	0.000491	± 2.5	PASS
		VN	TN	-1.29	-0.000753	± 2.5	PASS
		VH	TN	-0.16	-0.000093	± 2.5	PASS
	MCH	VL	TN	2.93	0.001691	± 2.5	PASS
		VN	TN	4.36	0.002517	± 2.5	PASS
		VH	TN	-1.08	-0.000623	± 2.5	PASS
	HCH	VL	TN	4.02	0.002294	± 2.5	PASS
		VN	TN	2.61	0.001489	± 2.5	PASS
		VH	TN	0.82	0.000468	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	1.17	0.000683	± 2.5	PASS
		VN	-20	1.67	0.000975	± 2.5	PASS
		VN	-10	3.4	0.001985	± 2.5	PASS
		VN	0	3.76	0.002196	± 2.5	PASS
		VN	10	1.66	0.000969	± 2.5	PASS
		VN	20	1.54	0.000899	± 2.5	PASS
		VN	30	0.36	0.000210	± 2.5	PASS
		VN	40	1.89	0.001104	± 2.5	PASS
		VN	50	4.73	0.002762	± 2.5	PASS
	MCH	VN	-30	-0.36	-0.000208	± 2.5	PASS
		VN	-20	3.24	0.001870	± 2.5	PASS
		VN	-10	3.58	0.002066	± 2.5	PASS

		VN	0	2.64	0.001524	± 2.5	PASS		
		VN	10	1.73	0.000999	± 2.5	PASS		
		VN	20	0.57	0.000329	± 2.5	PASS		
		VN	30	2.32	0.001339	± 2.5	PASS		
		VN	40	4.97	0.002869	± 2.5	PASS		
		VN	50	-2	-0.001154	± 2.5	PASS		
	HCH	VN	-30	4.32	0.002465	± 2.5	PASS		
		VN	-20	-1.58	-0.000828	± 2.5	PASS		
		VN	-10	0.39	0.000204	± 2.5	PASS		
		VN	0	2.42	0.001269	± 2.5	PASS		
		VN	10	4.3	0.002254	± 2.5	PASS		
		VN	20	2.78	0.001457	± 2.5	PASS		
		VN	30	2.7	0.001415	± 2.5	PASS		
		VN	40	-0.2	-0.000105	± 2.5	PASS		
		VN	50	2.86	0.001499	± 2.5	PASS		
		16QAM	LCH	VN	-30	-1	-0.000577	± 2.5	PASS
				VN	-20	4.91	0.002834	± 2.5	PASS
				VN	-10	1.05	0.000606	± 2.5	PASS
VN	0			1.75	0.001010	± 2.5	PASS		
VN	10			1.15	0.000664	± 2.5	PASS		
VN	20			-1.62	-0.000935	± 2.5	PASS		
VN	30			4.64	0.002678	± 2.5	PASS		
VN	40			2.69	0.001553	± 2.5	PASS		
VN	50			3.02	0.001743	± 2.5	PASS		
MCH	VN		-30	4.21	0.002402	± 2.5	PASS		
	VN		-20	-0.88	-0.000502	± 2.5	PASS		
	VN		-10	2.84	0.001621	± 2.5	PASS		
	VN		0	-1.62	-0.000924	± 2.5	PASS		
	VN		10	4.25	0.002425	± 2.5	PASS		
	VN		20	1.43	0.000816	± 2.5	PASS		
	VN		30	-0.06	-0.000034	± 2.5	PASS		
	VN		40	4.15	0.002368	± 2.5	PASS		
	VN		50	-1.99	-0.001136	± 2.5	PASS		
HCH	VN		-30	4.09	0.002144	± 2.5	PASS		
	VN		-20	-0.26	-0.000136	± 2.5	PASS		
	VN		-10	4.32	0.002265	± 2.5	PASS		
	VN		0	0.01	0.000005	± 2.5	PASS		
	VN		10	1.85	0.000970	± 2.5	PASS		
	VN		20	-1.32	-0.000692	± 2.5	PASS		
	VN		30	3.34	0.001751	± 2.5	PASS		
	VN		40	0.85	0.000446	± 2.5	PASS		

		VN	50	1.02	0.000535	± 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	4.52	0.002636	± 2.5	PASS
		VN	TN	1.9	0.001108	± 2.5	PASS
		VH	TN	0.42	0.000245	± 2.5	PASS
	MCH	VL	TN	4.86	0.002805	± 2.5	PASS
		VN	TN	4.08	0.002355	± 2.5	PASS
		VH	TN	-0.22	-0.000127	± 2.5	PASS
	HCH	VL	TN	-1.58	-0.000903	± 2.5	PASS
		VN	TN	-1	-0.000571	± 2.5	PASS
		VH	TN	2.33	0.001331	± 2.5	PASS
16QAM	LCH	VL	TN	2.24	0.001306	± 2.5	PASS
		VN	TN	0.68	0.000397	± 2.5	PASS
		VH	TN	0.9	0.000525	± 2.5	PASS
	MCH	VL	TN	3.29	0.001899	± 2.5	PASS
		VN	TN	3.11	0.001795	± 2.5	PASS
		VH	TN	1.19	0.000687	± 2.5	PASS
	HCH	VL	TN	3.8	0.002171	± 2.5	PASS
		VN	TN	2.91	0.001663	± 2.5	PASS
		VH	TN	-1.77	-0.001011	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
16QAM	LCH	VN	-30	2.63	0.001534	± 2.5	PASS
		VN	-20	3.81	0.002222	± 2.5	PASS
		VN	-10	3.69	0.002152	± 2.5	PASS
		VN	0	-0.8	-0.000466	± 2.5	PASS
		VN	10	3.87	0.002257	± 2.5	PASS
		VN	20	-1.21	-0.000706	± 2.5	PASS
		VN	30	1.21	0.000706	± 2.5	PASS
		VN	40	0.34	0.000198	± 2.5	PASS
		VN	50	2.54	0.001481	± 2.5	PASS
	MCH	VN	-30	4.39	0.002534	± 2.5	PASS
		VN	-20	2.83	0.001633	± 2.5	PASS
		VN	-10	4.64	0.002678	± 2.5	PASS
		VN	0	2.66	0.001535	± 2.5	PASS

		VN	10	1.01	0.000583	± 2.5	PASS
		VN	20	3.92	0.002263	± 2.5	PASS
		VN	30	-0.18	-0.000104	± 2.5	PASS
		VN	40	-0.83	-0.000479	± 2.5	PASS
		VN	50	2.14	0.001235	± 2.5	PASS
	HCH	VN	-30	1.29	0.000737	± 2.5	PASS
		VN	-20	-0.36	-0.000206	± 2.5	PASS
		VN	-10	3.02	0.001726	± 2.5	PASS
		VN	0	2.65	0.001514	± 2.5	PASS
		VN	10	-0.25	-0.000143	± 2.5	PASS
		VN	20	-1.25	-0.000714	± 2.5	PASS
		VN	30	2.76	0.001577	± 2.5	PASS
		VN	40	2.98	0.001703	± 2.5	PASS
		VN	50	-0.78	-0.000446	± 2.5	PASS
		QPSK	LCH	VN	-30	0.7	0.000404
VN	-20			-0.6	-0.000346	± 2.5	PASS
VN	-10			4.44	0.002563	± 2.5	PASS
VN	0			1.72	0.000993	± 2.5	PASS
VN	10			2	0.001154	± 2.5	PASS
VN	20			0.28	0.000162	± 2.5	PASS
VN	30			1.2	0.000693	± 2.5	PASS
VN	40			-0.69	-0.000398	± 2.5	PASS
VN	50			2.82	0.001628	± 2.5	PASS
MCH	VN		-30	-0.4	-0.000229	± 2.5	PASS
	VN		-20	1.17	0.000669	± 2.5	PASS
	VN		-10	1.81	0.001034	± 2.5	PASS
	VN		0	-1.82	-0.001040	± 2.5	PASS
	VN		10	0.62	0.000354	± 2.5	PASS
	VN		20	-1.66	-0.000949	± 2.5	PASS
	VN		30	-1.68	-0.000960	± 2.5	PASS
	VN		40	-1.14	-0.000651	± 2.5	PASS
	VN		50	-0.5	-0.000286	± 2.5	PASS
HCH	VN		-30	2.34	0.001337	± 2.5	PASS
	VN		-20	-0.52	-0.000297	± 2.5	PASS
	VN		-10	-1.6	-0.000914	± 2.5	PASS
	VN		0	1.03	0.000589	± 2.5	PASS
	VN		10	4.89	0.002794	± 2.5	PASS
	VN		20	-0.54	-0.000309	± 2.5	PASS
	VN		30	2.98	0.001703	± 2.5	PASS
	VN		40	1.71	0.000977	± 2.5	PASS
	VN		50	3.12	0.001783	± 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	4.84	0.002818	± 2.5	PASS
		VN	TN	3.99	0.002323	± 2.5	PASS
		VH	TN	-1.21	-0.000705	± 2.5	PASS
	MCH	VL	TN	1.06	0.000612	± 2.5	PASS
		VN	TN	0.3	0.000173	± 2.5	PASS
		VH	TN	1.63	0.000941	± 2.5	PASS
	HCH	VL	TN	4.42	0.002529	± 2.5	PASS
		VN	TN	-1.13	-0.000647	± 2.5	PASS
		VH	TN	-1.77	-0.001013	± 2.5	PASS
16QAM	LCH	VL	TN	2.34	0.001362	± 2.5	PASS
		VN	TN	0.94	0.000547	± 2.5	PASS
		VH	TN	1.91	0.001112	± 2.5	PASS
	MCH	VL	TN	-1.88	-0.001085	± 2.5	PASS
		VN	TN	3.03	0.001749	± 2.5	PASS
		VH	TN	2.9	0.001674	± 2.5	PASS
	HCH	VL	TN	-0.52	-0.000298	± 2.5	PASS
		VN	TN	3.14	0.001797	± 2.5	PASS
		VH	TN	-1.1	-0.000629	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	1.48	0.000862	± 2.5	PASS
		VN	-20	1.54	0.000897	± 2.5	PASS
		VN	-10	1.28	0.000745	± 2.5	PASS
		VN	0	2.61	0.001520	± 2.5	PASS
		VN	10	-0.58	-0.000338	± 2.5	PASS
		VN	20	0.28	0.000163	± 2.5	PASS
		VN	30	0.67	0.000390	± 2.5	PASS
		VN	40	1.17	0.000681	± 2.5	PASS
		VN	50	-0.41	-0.000239	± 2.5	PASS
	MCH	VN	-30	2.89	0.001668	± 2.5	PASS
		VN	-20	0	0.000000	± 2.5	PASS
		VN	-10	-1.35	-0.000779	± 2.5	PASS
		VN	0	-0.11	-0.000063	± 2.5	PASS
		VN	10	4.98	0.002874	± 2.5	PASS
		VN	20	3.82	0.002205	± 2.5	PASS

		VN	30	1.16	0.000670	± 2.5	PASS
		VN	40	2.09	0.001206	± 2.5	PASS
		VN	50	0.15	0.000087	± 2.5	PASS
	HCH	VN	-30	3.98	0.002278	± 2.5	PASS
		VN	-20	-1.27	-0.000727	± 2.5	PASS
		VN	-10	3.5	0.002003	± 2.5	PASS
		VN	0	-1.13	-0.000647	± 2.5	PASS
		VN	10	2.87	0.001642	± 2.5	PASS
		VN	20	0.98	0.000561	± 2.5	PASS
		VN	30	1.96	0.001122	± 2.5	PASS
		VN	40	1.52	0.000870	± 2.5	PASS
		VN	50	-1.25	-0.000715	± 2.5	PASS
QPSK	LCH	VN	-30	-1.41	-0.000814	± 2.5	PASS
		VN	-20	-1.01	-0.000583	± 2.5	PASS
		VN	-10	-0.97	-0.000560	± 2.5	PASS
		VN	0	2.11	0.001218	± 2.5	PASS
		VN	10	1.6	0.000924	± 2.5	PASS
		VN	20	-1.98	-0.001143	± 2.5	PASS
		VN	30	3.34	0.001928	± 2.5	PASS
		VN	40	-1.61	-0.000929	± 2.5	PASS
		VN	50	4.66	0.002690	± 2.5	PASS
	MCH	VN	-30	0.89	0.000509	± 2.5	PASS
		VN	-20	-1.58	-0.000904	± 2.5	PASS
		VN	-10	0.73	0.000418	± 2.5	PASS
		VN	0	1.04	0.000595	± 2.5	PASS
		VN	10	2.27	0.001299	± 2.5	PASS
		VN	20	4.97	0.002844	± 2.5	PASS
		VN	30	-0.7	-0.000401	± 2.5	PASS
		VN	40	2.11	0.001207	± 2.5	PASS
		VN	50	0.26	0.000149	± 2.5	PASS
	HCH	VN	-30	0.81	0.000464	± 2.5	PASS
		VN	-20	1.84	0.001053	± 2.5	PASS
		VN	-10	-1.59	-0.000910	± 2.5	PASS
		VN	0	0.8	0.000458	± 2.5	PASS
		VN	10	-0.7	-0.000401	± 2.5	PASS
		VN	20	1.68	0.000961	± 2.5	PASS
		VN	30	-1.15	-0.000658	± 2.5	PASS
		VN	40	-0.31	-0.000177	± 2.5	PASS
		VN	50	-0.9	-0.000515	± 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	-0.83	-0.000483	± 2.5	PASS
		VN	TN	-0.71	-0.000413	± 2.5	PASS
		VH	TN	3.63	0.002110	± 2.5	PASS
	MCH	VL	TN	-1.27	-0.000733	± 2.5	PASS
		VN	TN	3.05	0.001760	± 2.5	PASS
		VH	TN	4.68	0.002701	± 2.5	PASS
	HCH	VL	TN	4.47	0.002562	± 2.5	PASS
		VN	TN	2.62	0.001501	± 2.5	PASS
		VH	TN	-0.36	-0.000206	± 2.5	PASS
16QAM	LCH	VL	TN	-1.6	-0.000930	± 2.5	PASS
		VN	TN	0.1	0.000058	± 2.5	PASS
		VH	TN	3.13	0.001820	± 2.5	PASS
	MCH	VL	TN	-2	-0.001154	± 2.5	PASS
		VN	TN	2.17	0.001253	± 2.5	PASS
		VH	TN	2.44	0.001408	± 2.5	PASS
	HCH	VL	TN	-1.41	-0.000808	± 2.5	PASS
		VN	TN	2.37	0.001358	± 2.5	PASS
		VH	TN	0.05	0.000029	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-0.85	-0.000494	± 2.5	PASS
		VN	-20	-1.51	-0.000878	± 2.5	PASS
		VN	-10	0.88	0.000512	± 2.5	PASS
		VN	0	-1.19	-0.000692	± 2.5	PASS
		VN	10	1.92	0.001116	± 2.5	PASS
		VN	20	0	0.000000	± 2.5	PASS
		VN	30	2.51	0.001459	± 2.5	PASS
		VN	40	2.91	0.001692	± 2.5	PASS
		VN	50	2.29	0.001331	± 2.5	PASS
	MCH	VN	-30	4.74	0.002736	± 2.5	PASS
		VN	-20	1	0.000577	± 2.5	PASS
		VN	-10	0.9	0.000519	± 2.5	PASS
		VN	0	3.85	0.002222	± 2.5	PASS
		VN	10	-0.2	-0.000115	± 2.5	PASS
		VN	20	0.22	0.000127	± 2.5	PASS

		VN	30	4.19	0.002418	± 2.5	PASS
		VN	40	3.16	0.001824	± 2.5	PASS
		VN	50	0.47	0.000271	± 2.5	PASS
	HCH	VN	-30	-1.42	-0.000814	± 2.5	PASS
		VN	-20	-1.26	-0.000722	± 2.5	PASS
		VN	-10	1.14	0.000653	± 2.5	PASS
		VN	0	2.25	0.001289	± 2.5	PASS
		VN	10	-1.04	-0.000596	± 2.5	PASS
		VN	20	2.25	0.001289	± 2.5	PASS
		VN	30	2.85	0.001633	± 2.5	PASS
		VN	40	4.81	0.002756	± 2.5	PASS
		VN	50	-0.02	-0.000011	± 2.5	PASS
QPSK	LCH	VN	-30	1.48	0.000854	± 2.5	PASS
		VN	-20	2.64	0.001524	± 2.5	PASS
		VN	-10	3.1	0.001789	± 2.5	PASS
		VN	0	2.04	0.001177	± 2.5	PASS
		VN	10	-1.21	-0.000698	± 2.5	PASS
		VN	20	1.76	0.001016	± 2.5	PASS
		VN	30	2.85	0.001645	± 2.5	PASS
		VN	40	-0.47	-0.000271	± 2.5	PASS
		VN	50	-0.56	-0.000323	± 2.5	PASS
	MCH	VN	-30	4.25	0.002436	± 2.5	PASS
		VN	-20	1.18	0.000676	± 2.5	PASS
		VN	-10	1.15	0.000659	± 2.5	PASS
		VN	0	4.02	0.002304	± 2.5	PASS
		VN	10	3.58	0.002052	± 2.5	PASS
		VN	20	1.11	0.000636	± 2.5	PASS
		VN	30	3.02	0.001731	± 2.5	PASS
		VN	40	4.1	0.002350	± 2.5	PASS
		VN	50	3.71	0.002126	± 2.5	PASS
	HCH	VN	-30	0.27	0.000155	± 2.5	PASS
		VN	-20	-1.05	-0.000602	± 2.5	PASS
		VN	-10	3.53	0.002023	± 2.5	PASS
		VN	0	-0.79	-0.000453	± 2.5	PASS
		VN	10	0.42	0.000241	± 2.5	PASS
		VN	20	1.95	0.001117	± 2.5	PASS
		VN	30	2.61	0.001496	± 2.5	PASS
		VN	40	-0.81	-0.000464	± 2.5	PASS
	VN	50	1.19	0.000682	± 2.5	PASS	