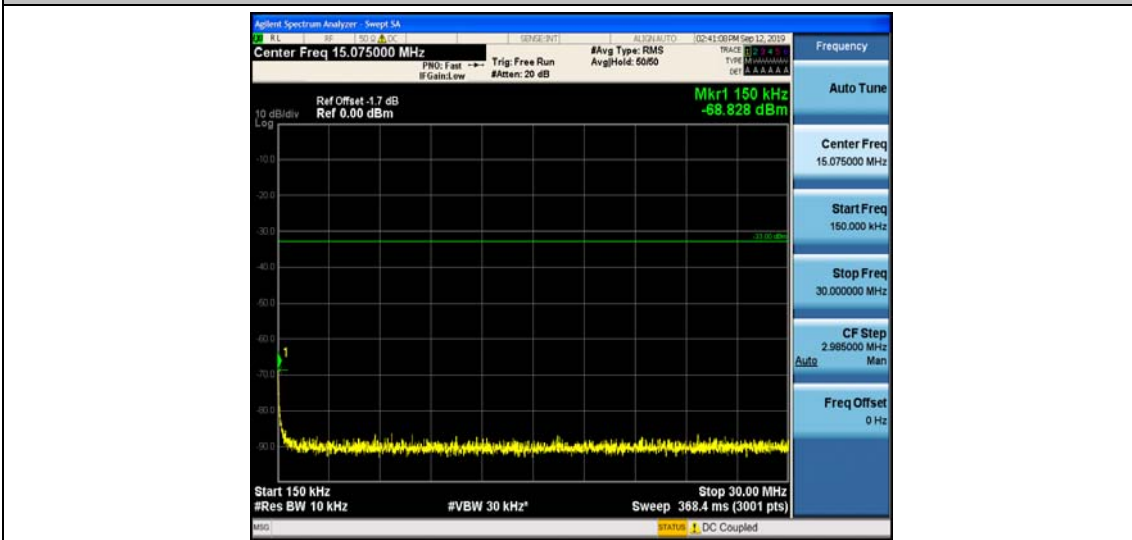




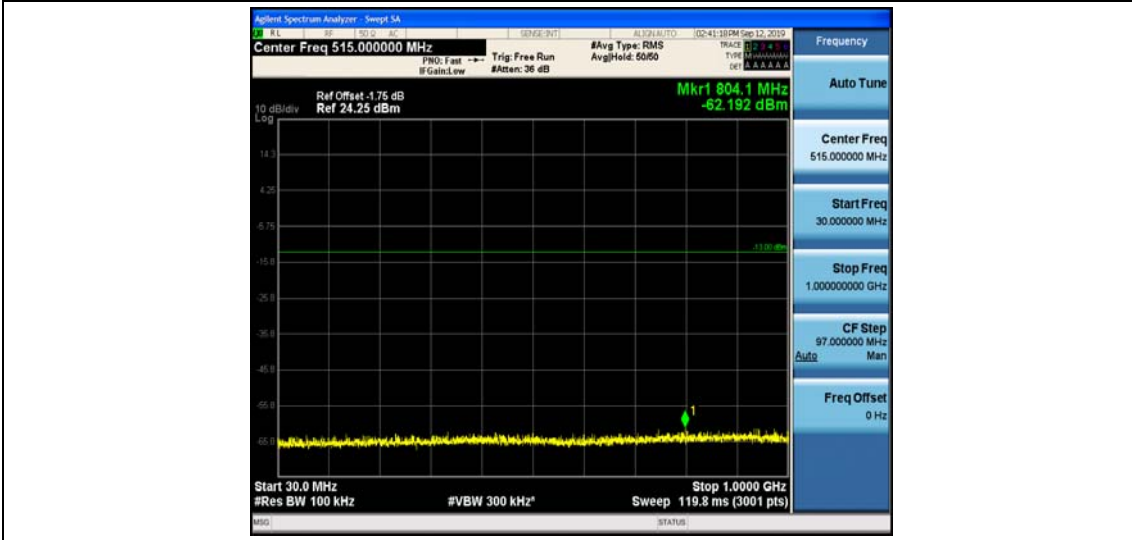
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Band25_10MHz_QPSK_24090_1RB#0



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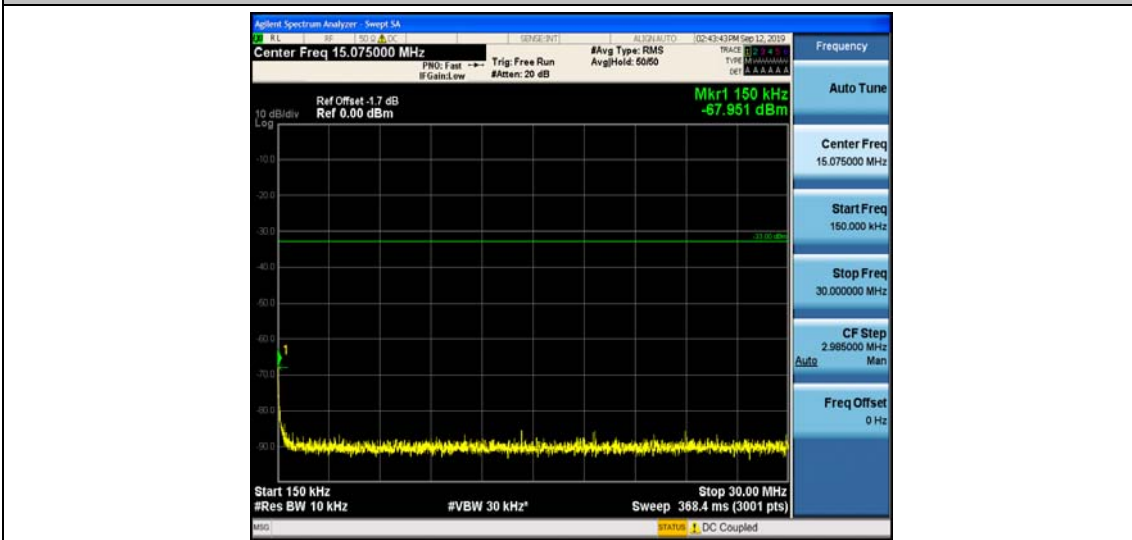
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Band25_10MHz_QPSK_26365_1RB#0



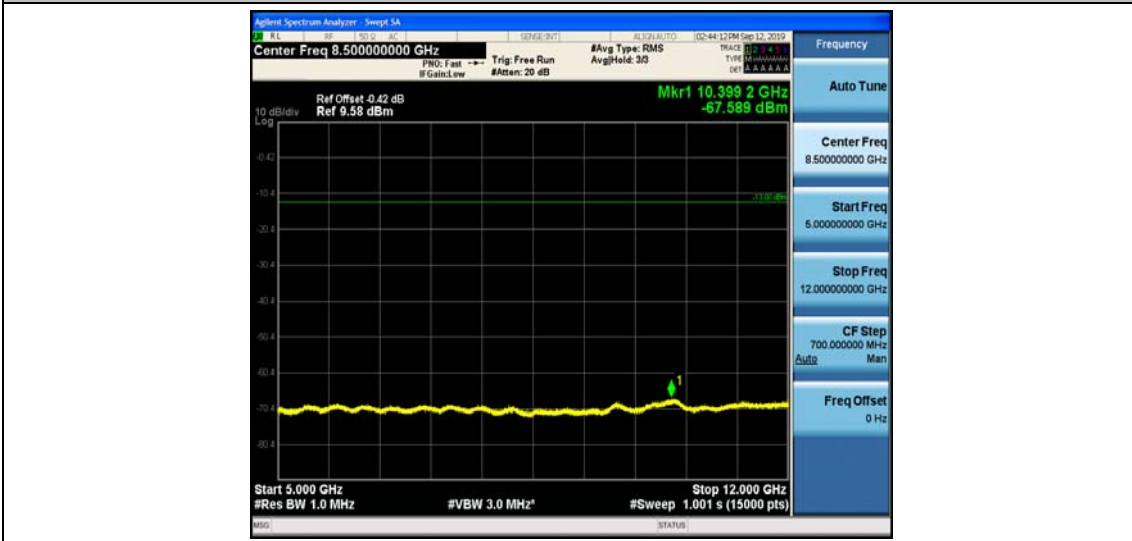
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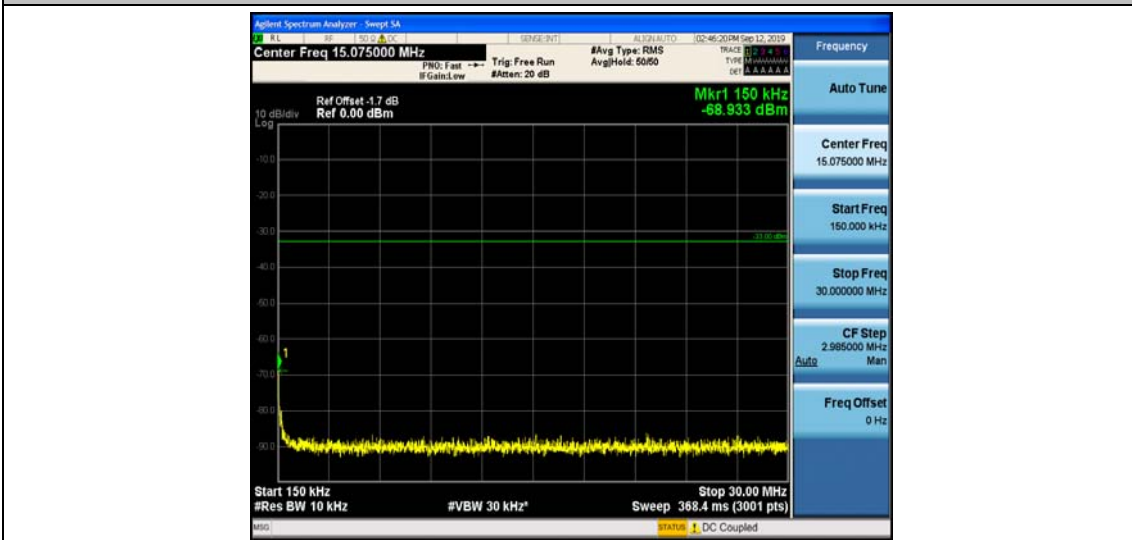
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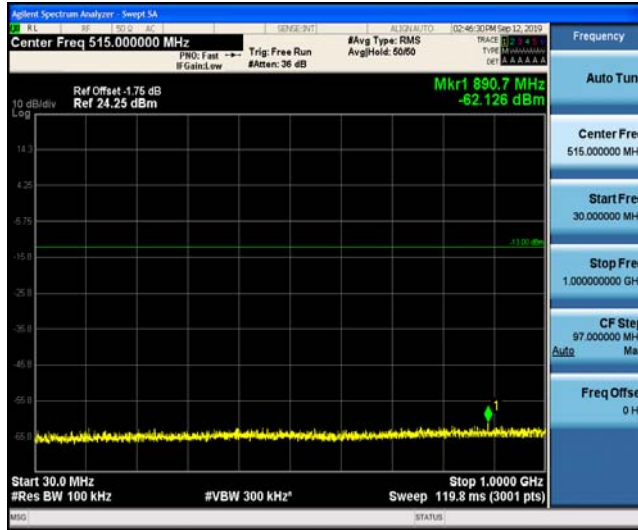
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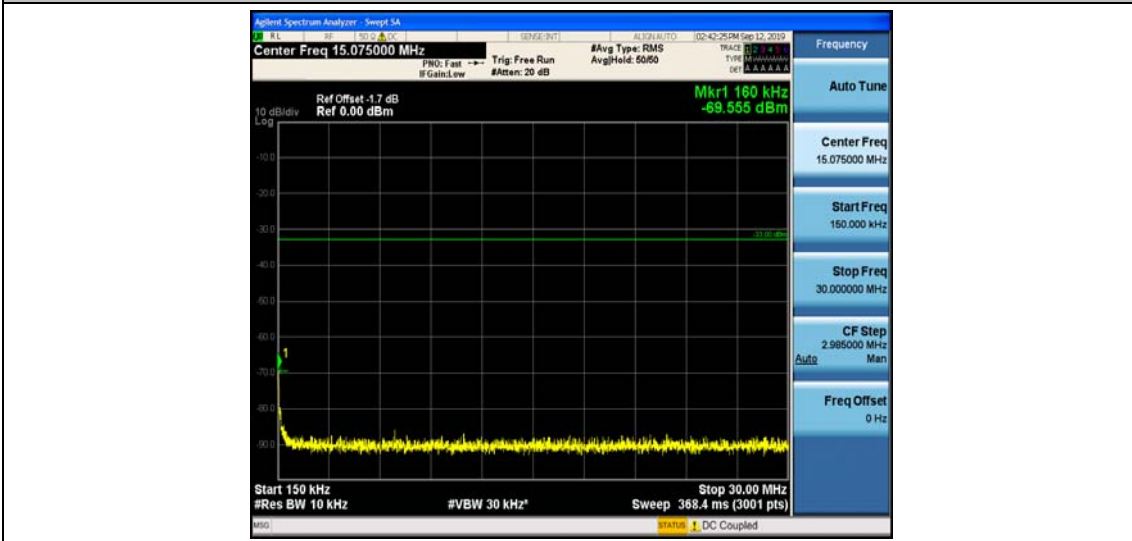
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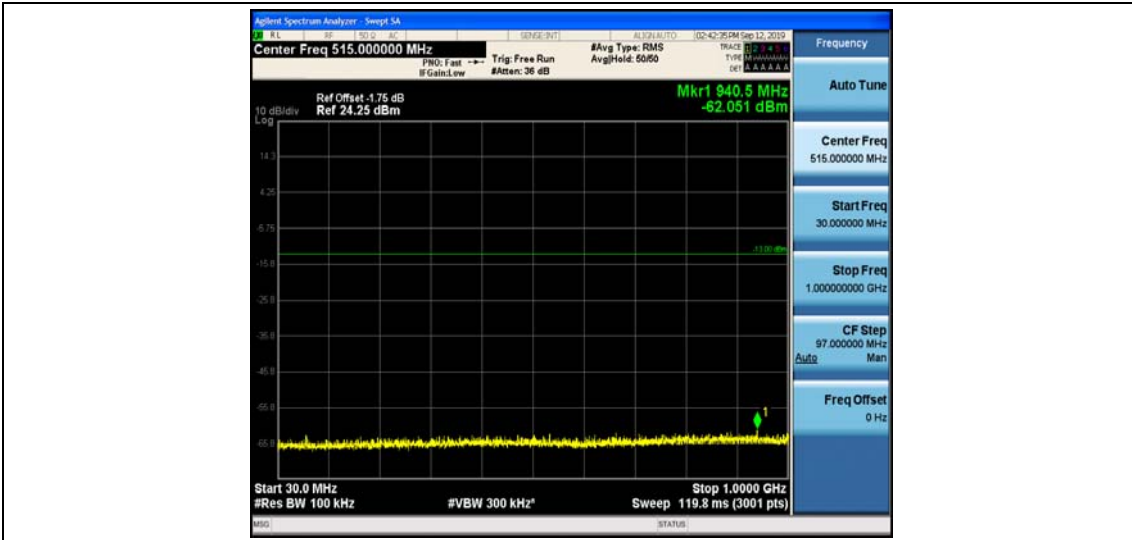
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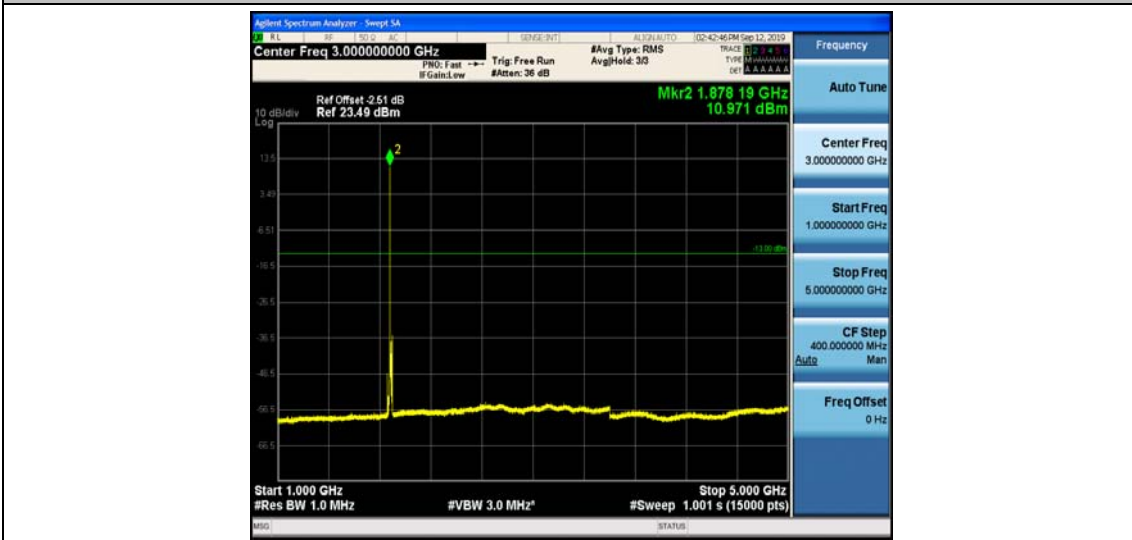
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Band25_10MHz_16QAM_24090_1RB#0



Band25_10MHz_16QAM_24090_1RB#0



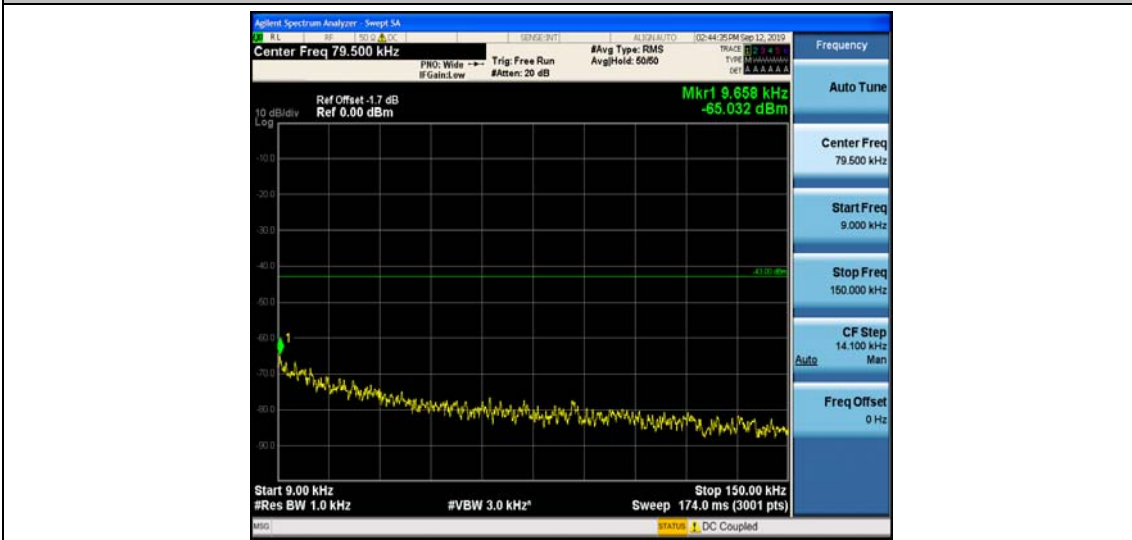
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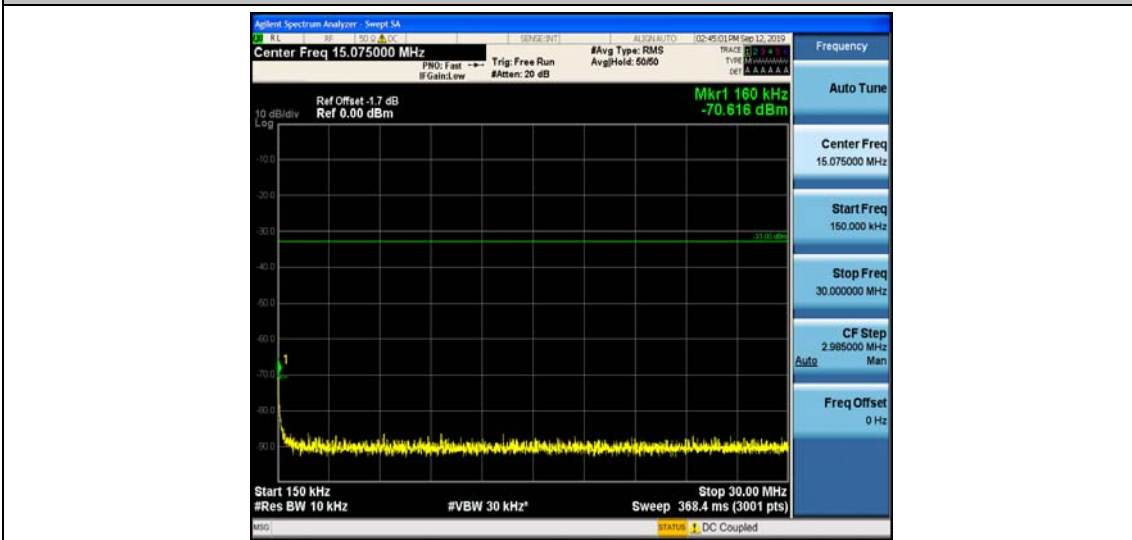
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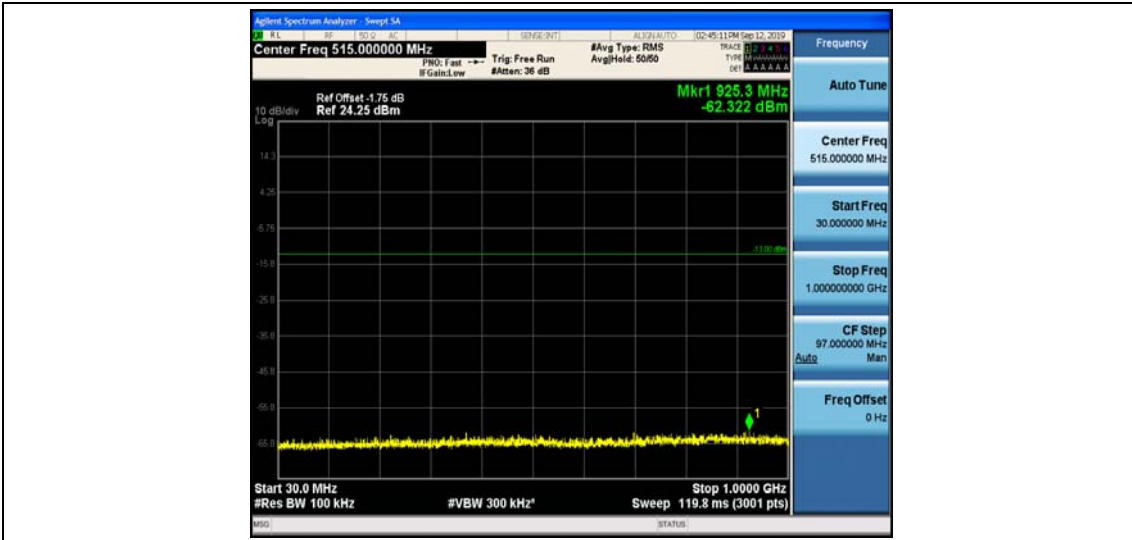
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Band25_10MHz_16QAM_26365_1RB#0



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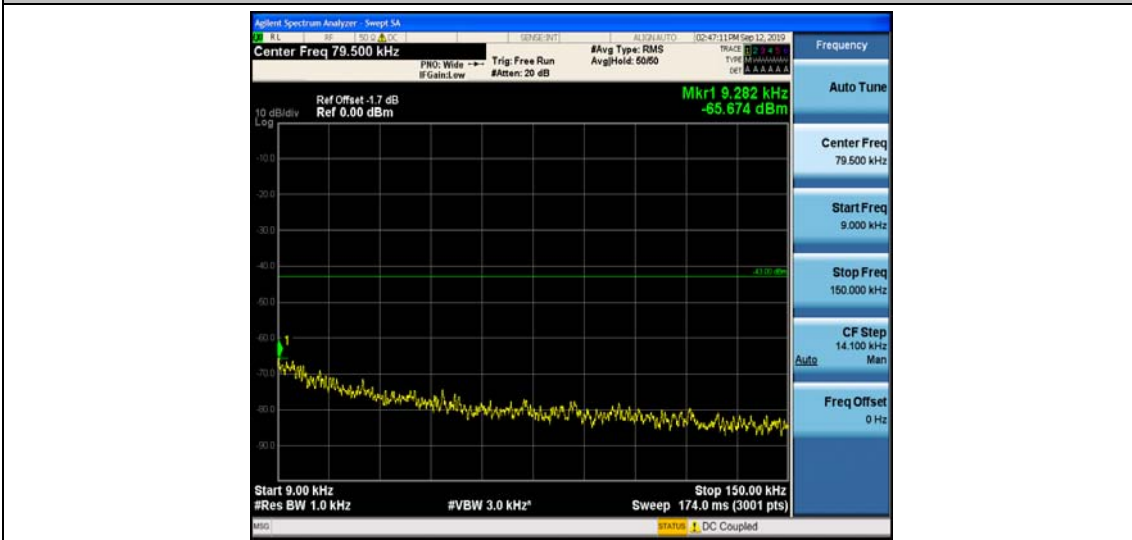
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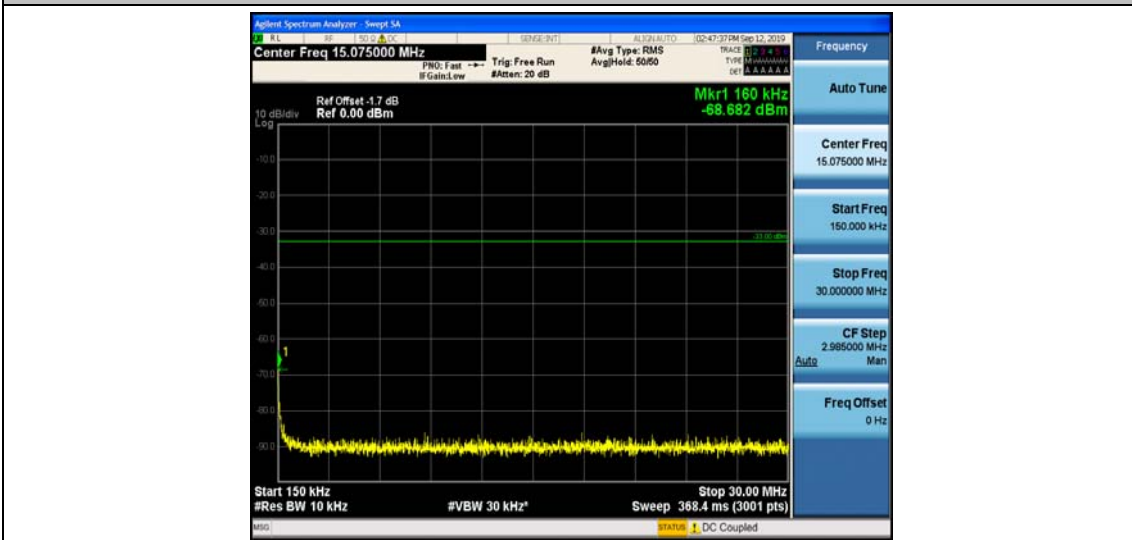
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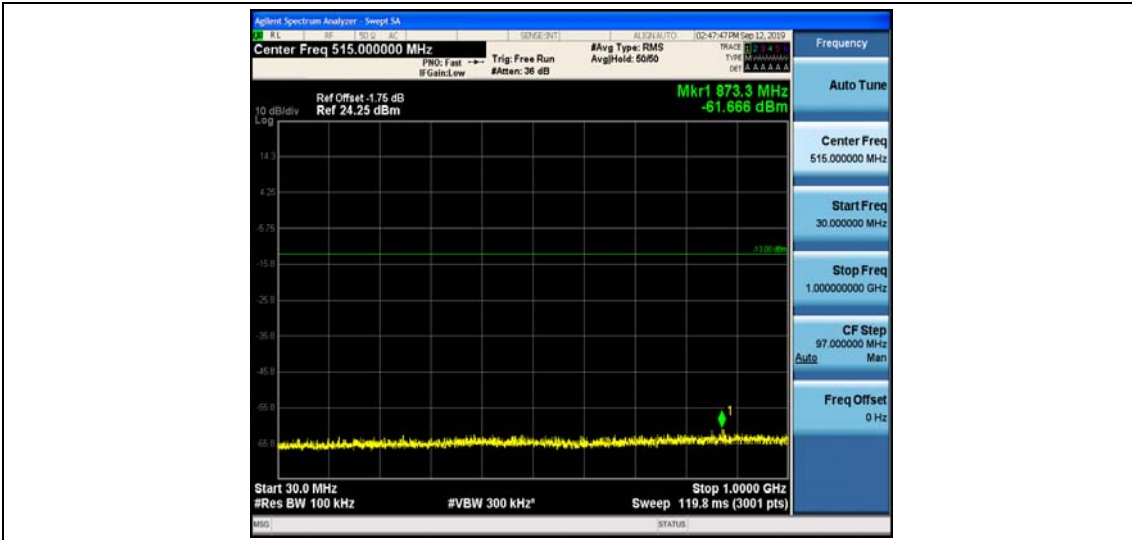
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Band25_10MHz_16QAM_26640_1RB#0



Band25_10MHz_16QAM_26640_1RB#0



Band25_10MHz_16QAM_26640_1RB#0



Band25_10MHz_16QAM_26640_1RB#0



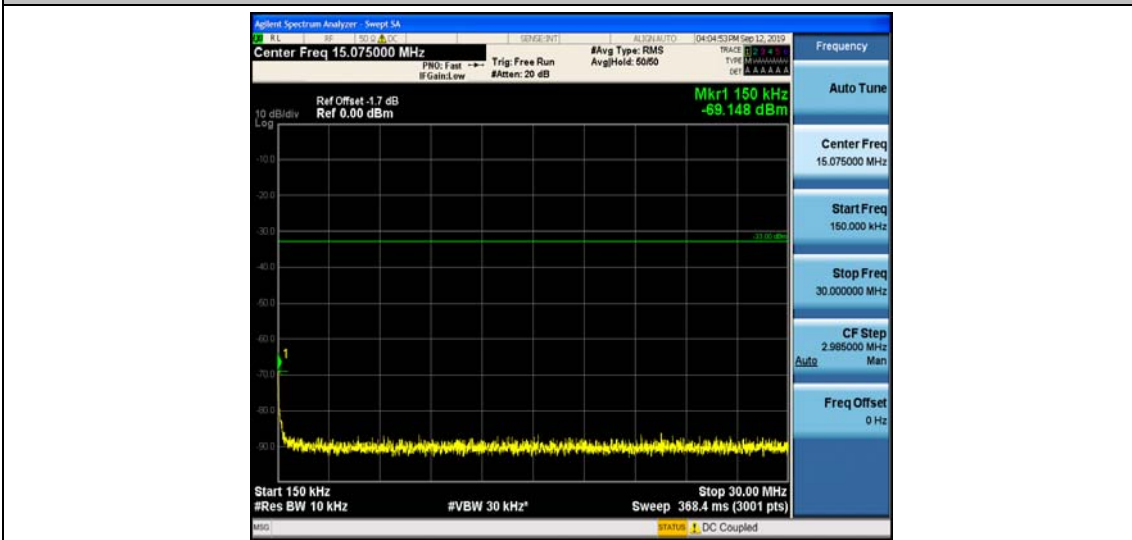
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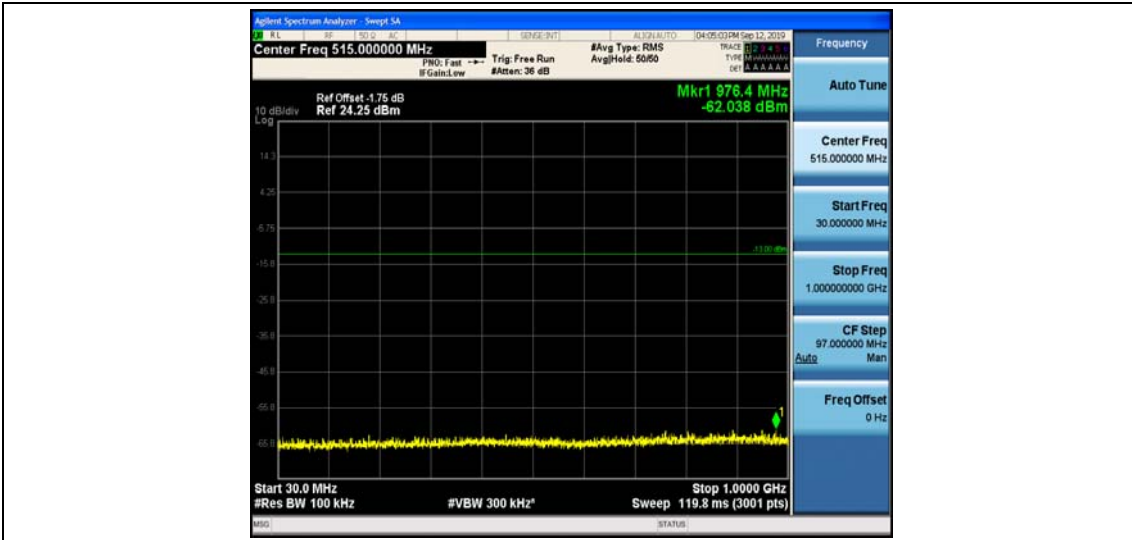
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Band25_15MHz_QPSK_24115_1RB#0



Band25_15MHz_QPSK_24115_1RB#0



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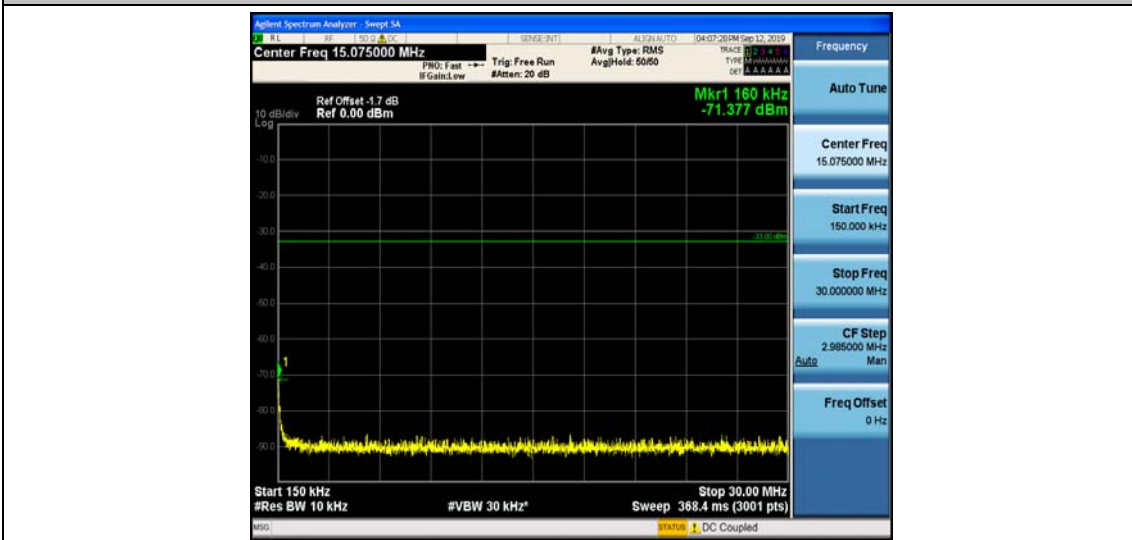
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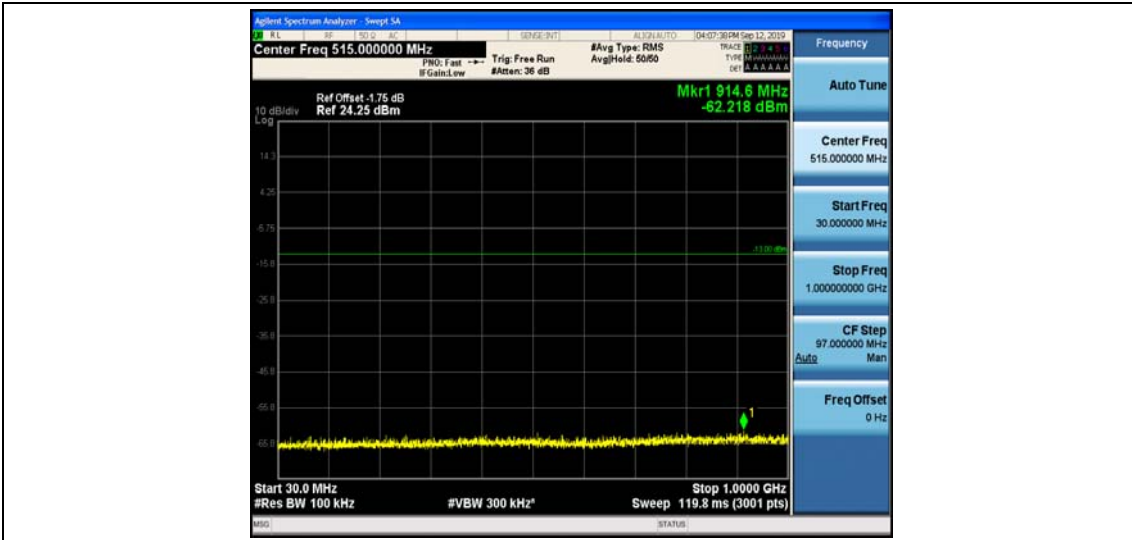
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Band25_15MHz_QPSK_26365_1RB#0



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Band25_15MHz_QPSK_26365_1RB#0



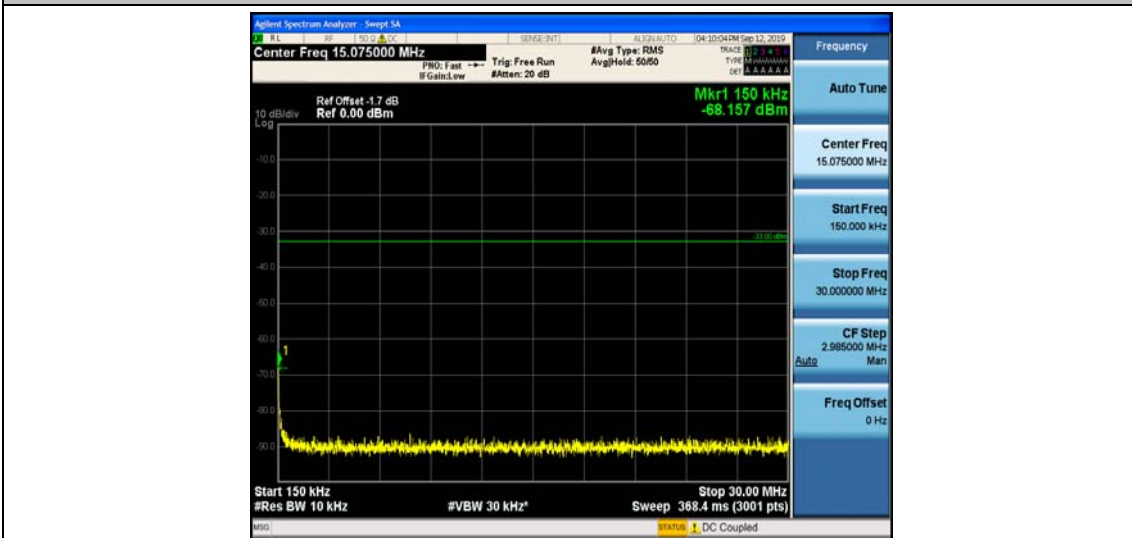
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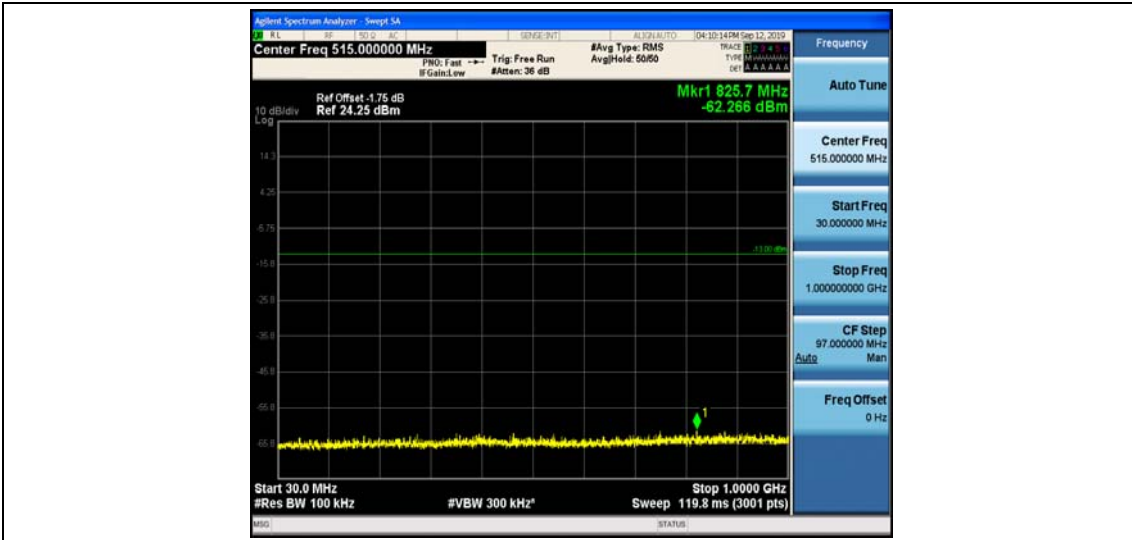
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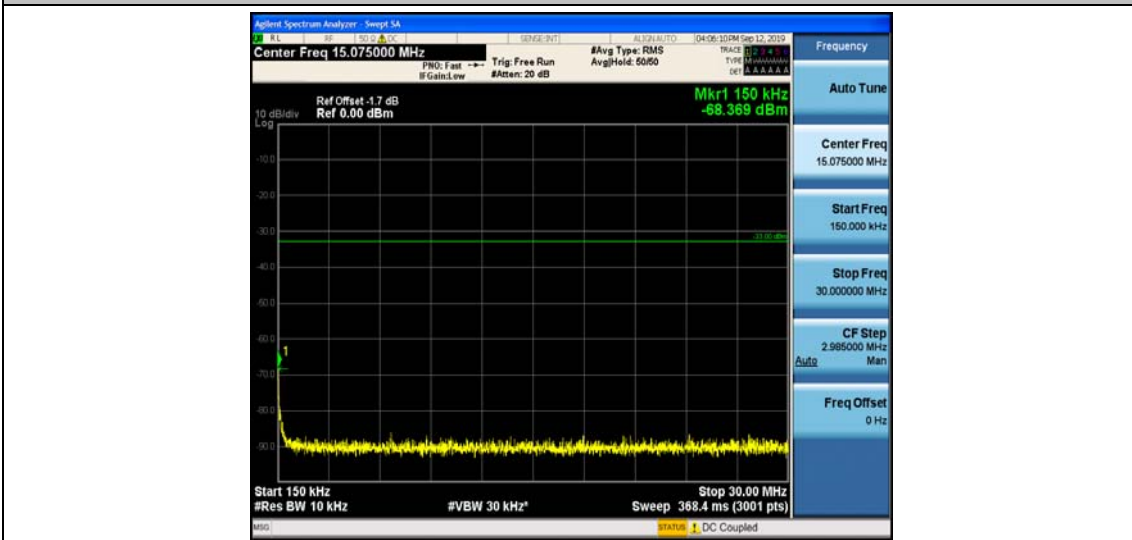
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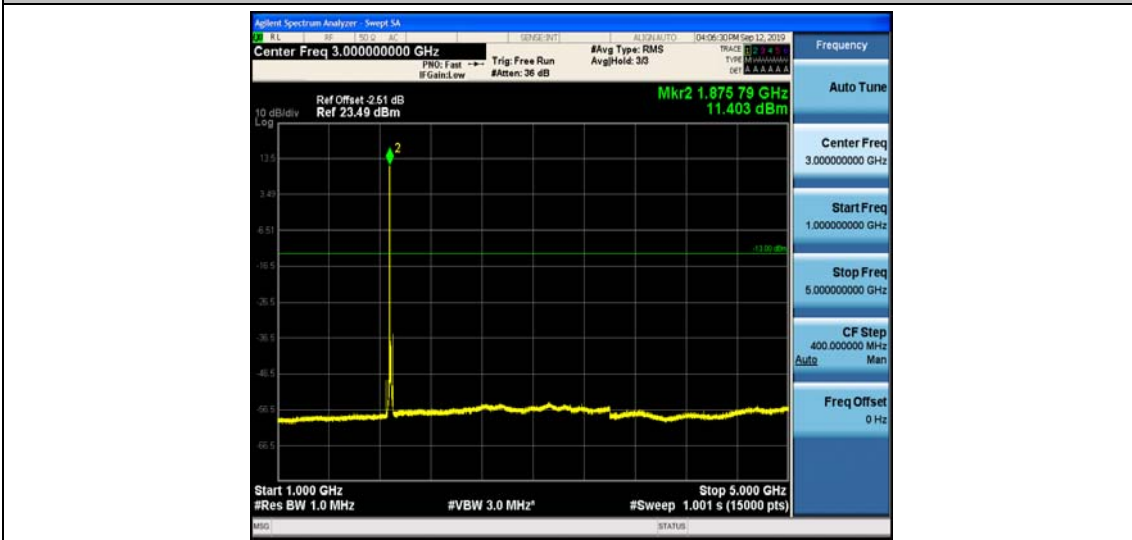
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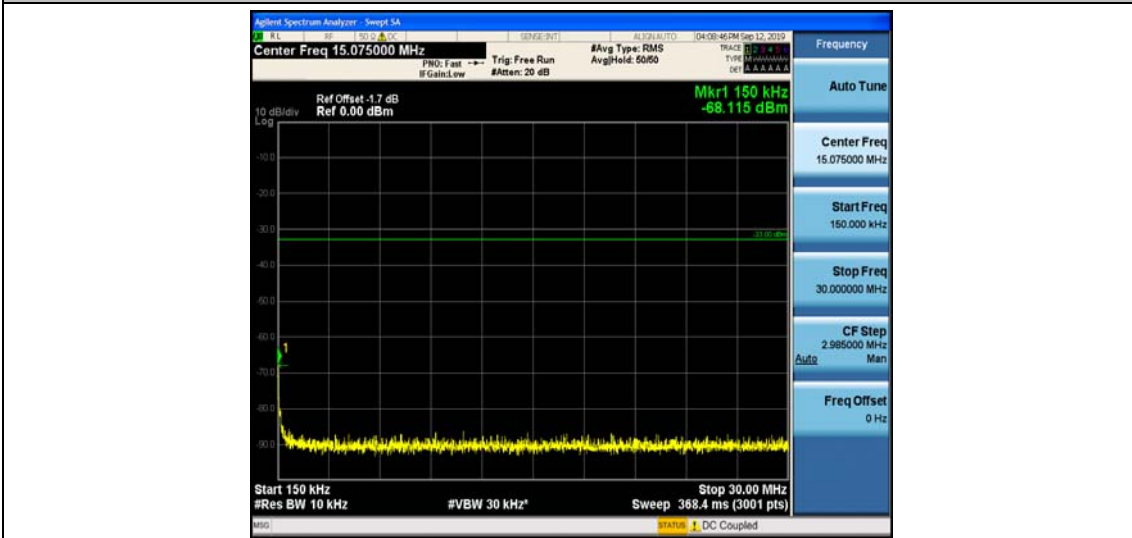
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Band25_15MHz_16QAM_26365_1RB#0



Band25_15MHz_16QAM_26365_1RB#0



Band25_15MHz_16QAM_26365_1RB#0



Band25_15MHz_16QAM_26365_1RB#0



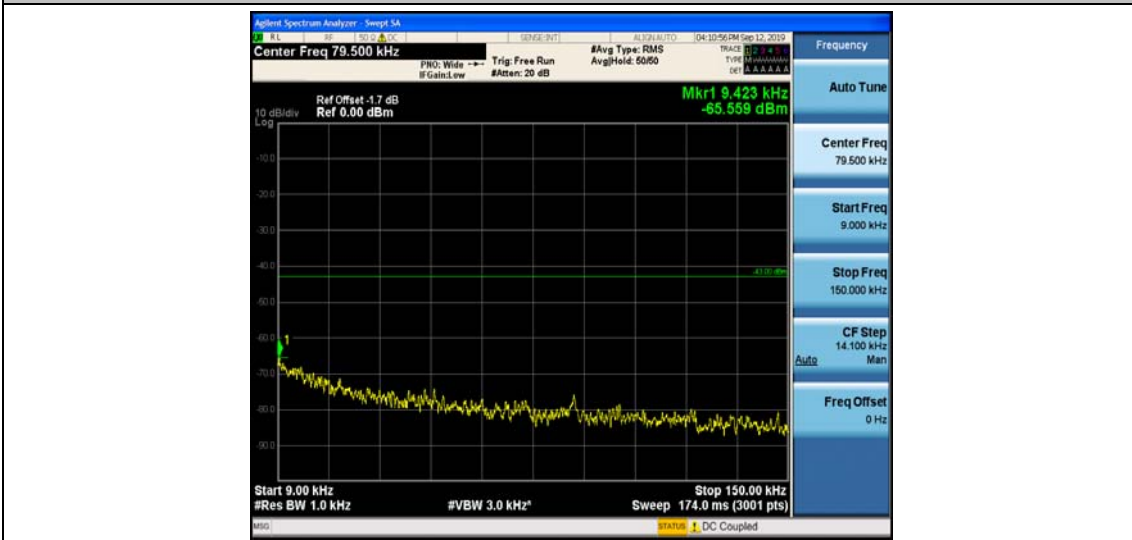
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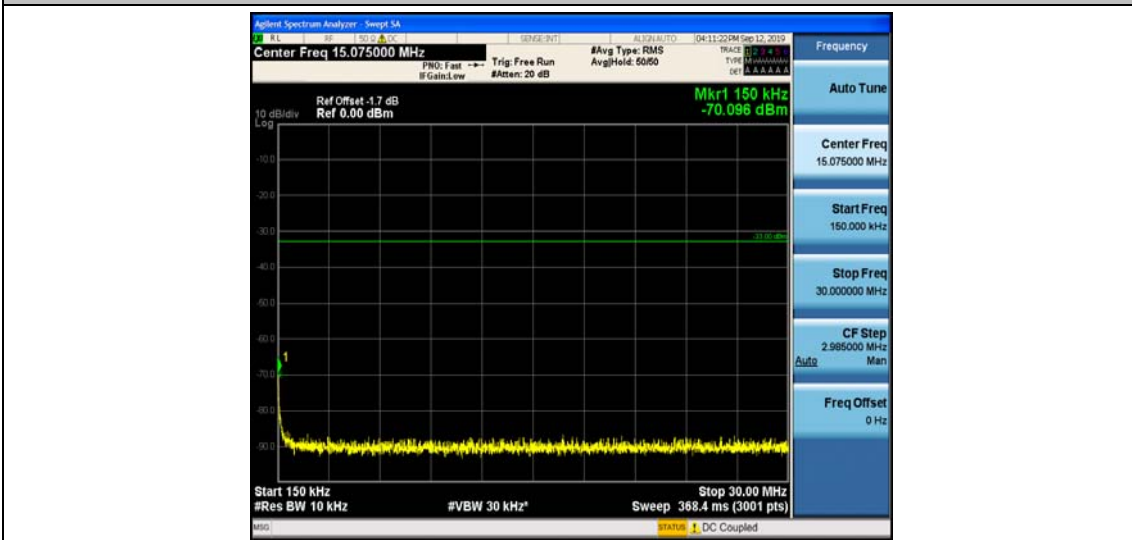
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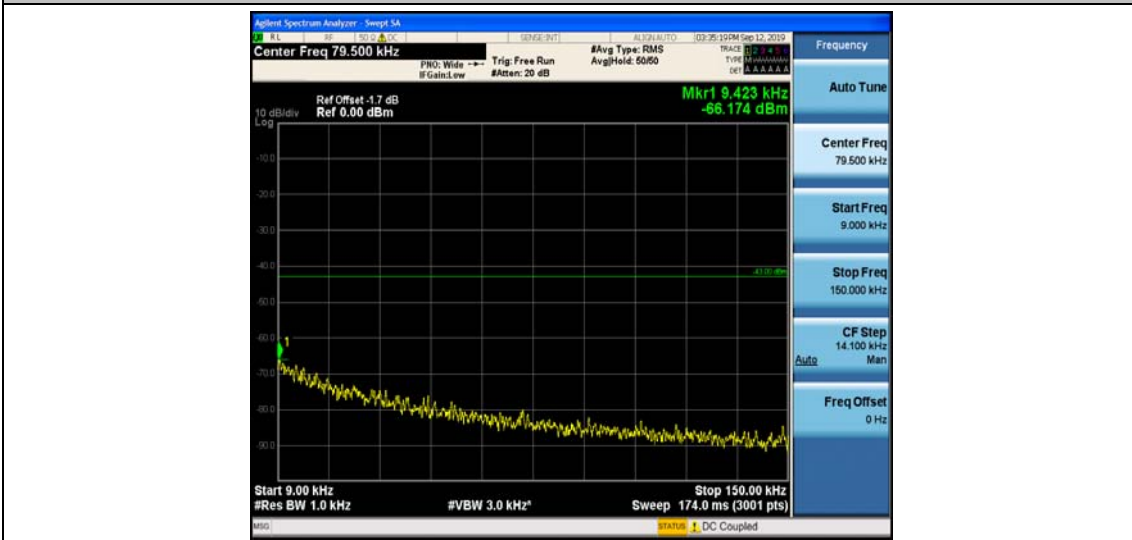
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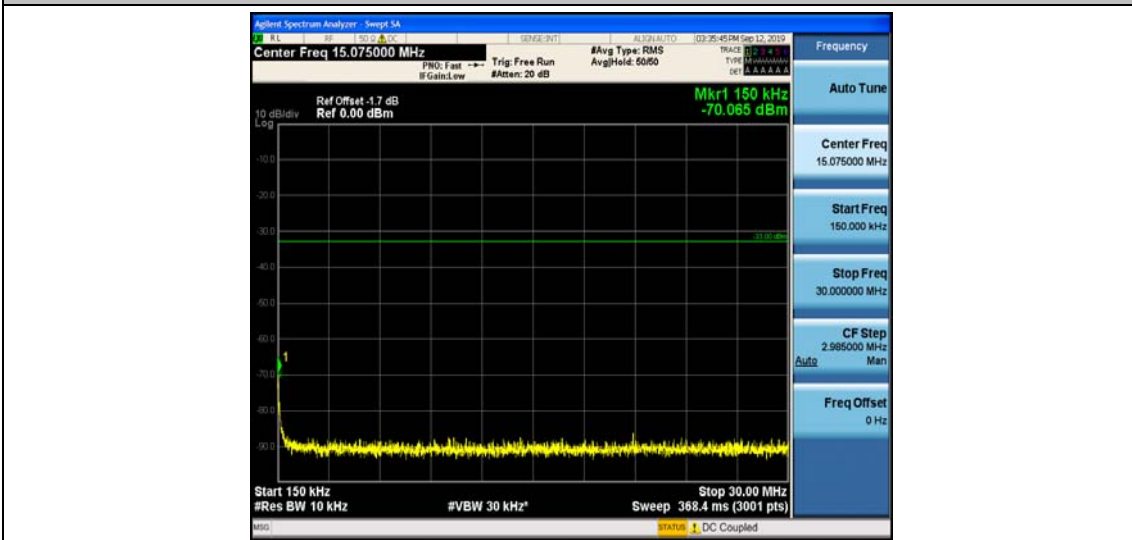
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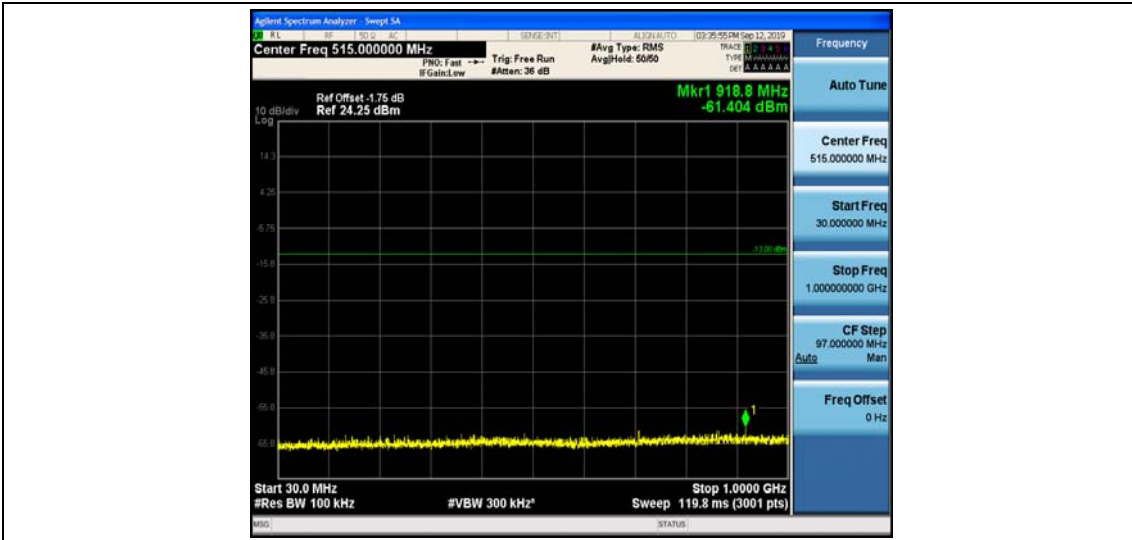
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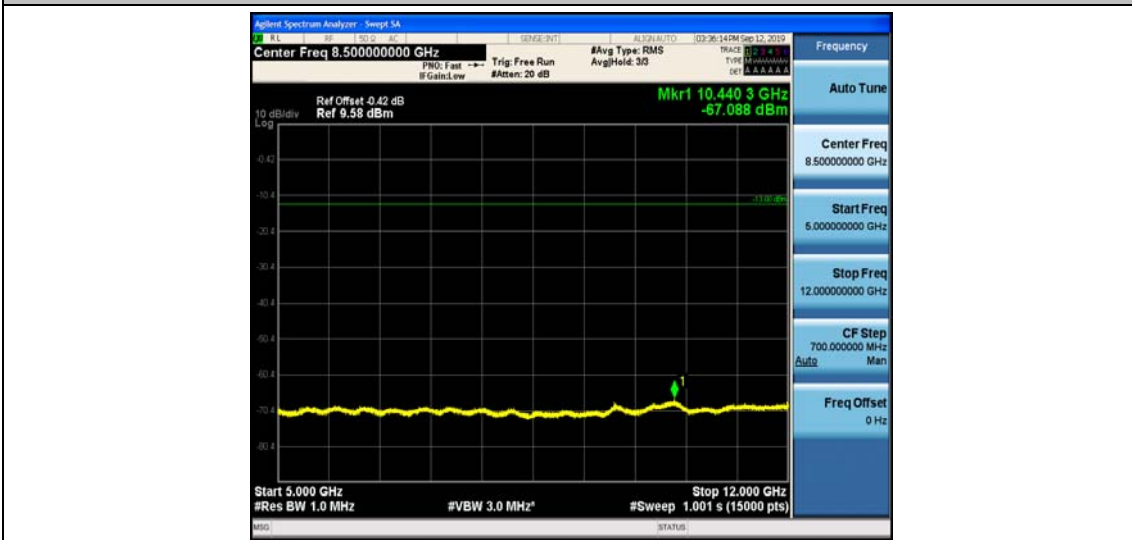
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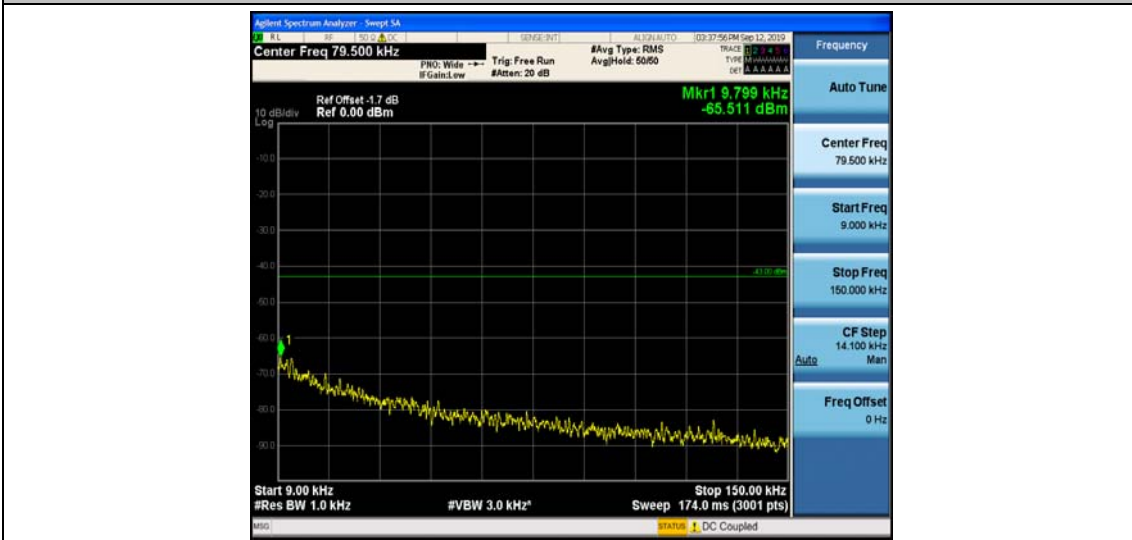
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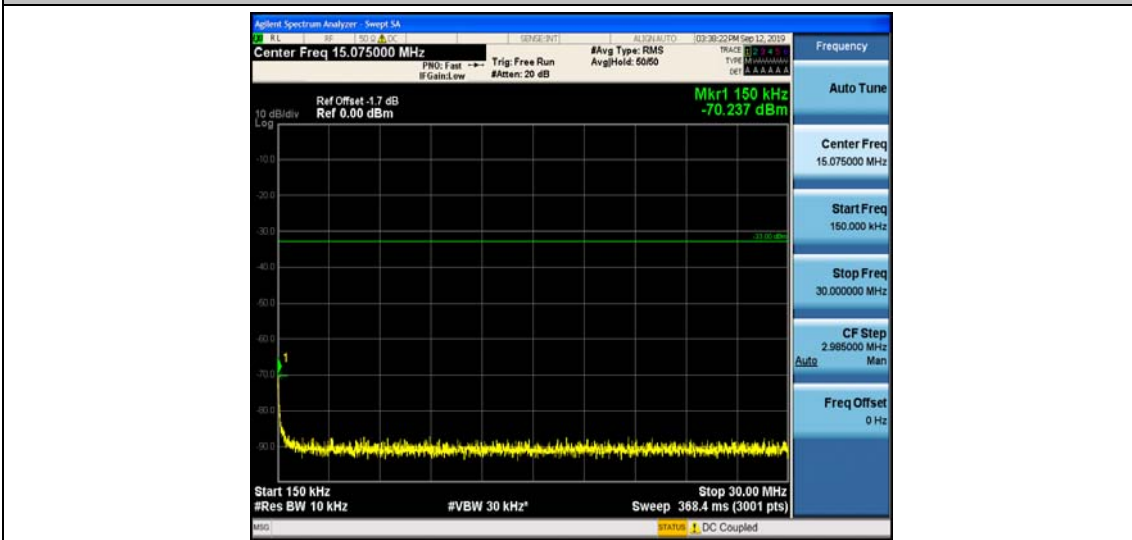
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Band25_20MHz_QPSK_26365_1RB#0



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Band25_20MHz_QPSK_26365_1RB#0



Band25_20MHz_QPSK_26365_1RB#0



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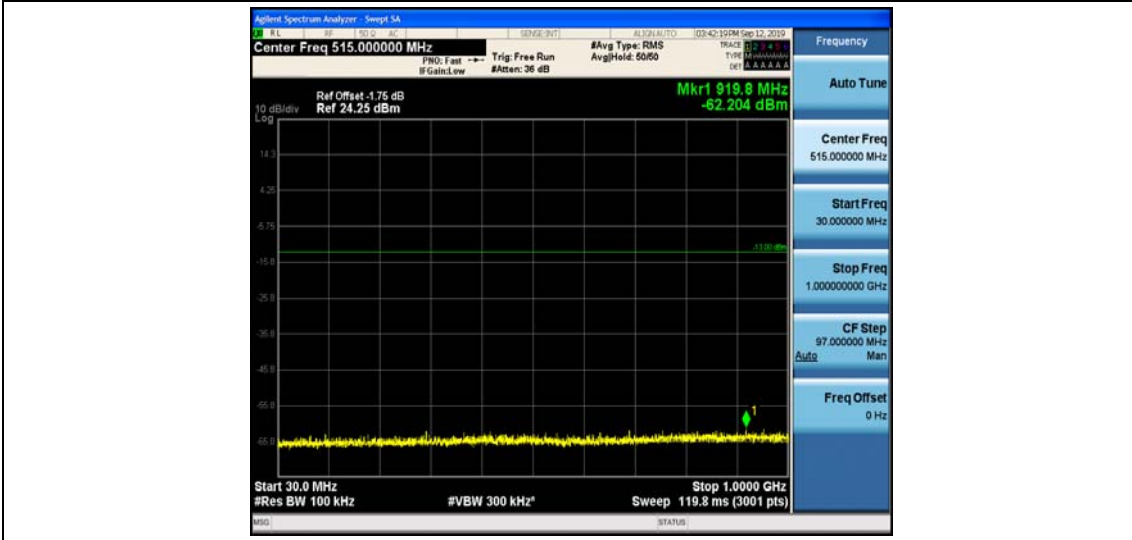
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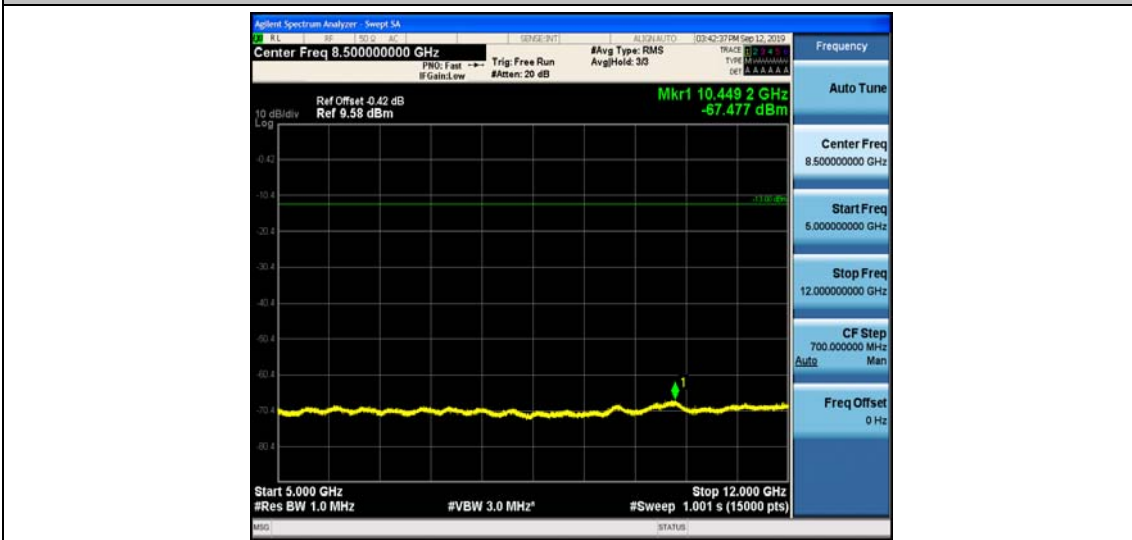
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Band25_20MHz_QPSK_26590_1RB#0



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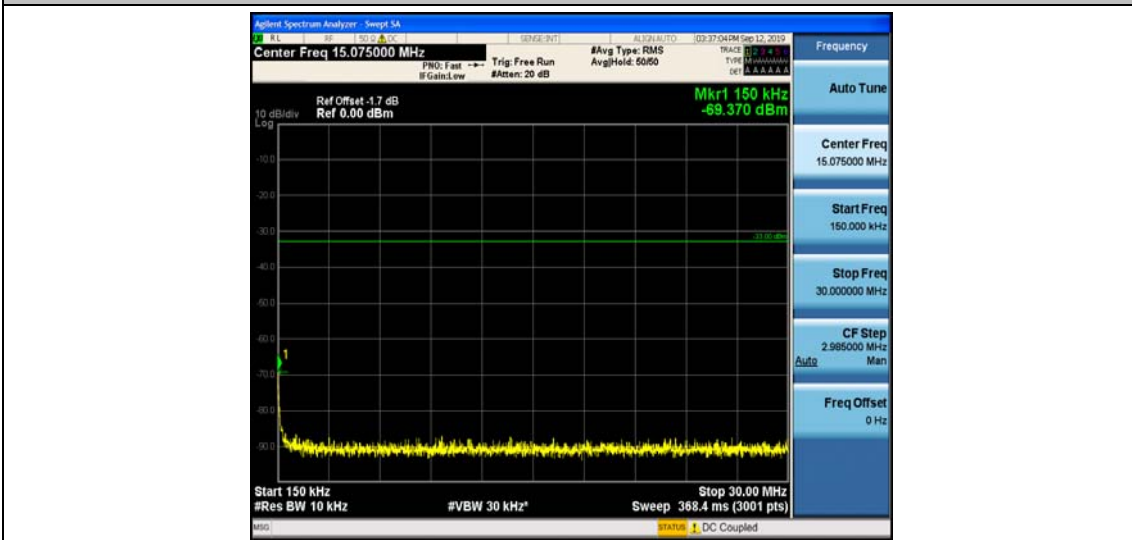
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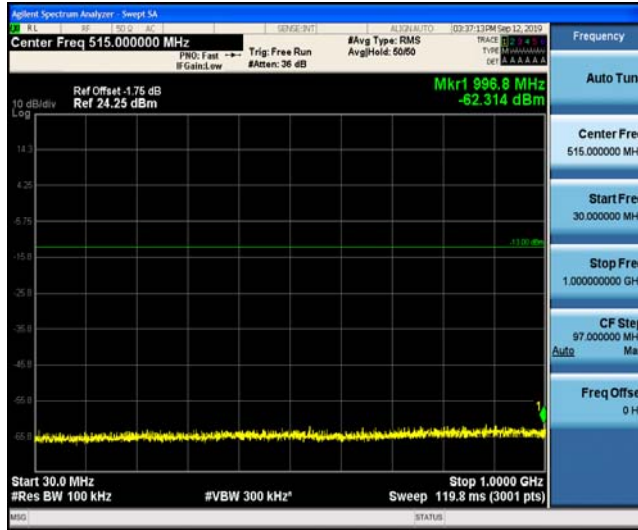
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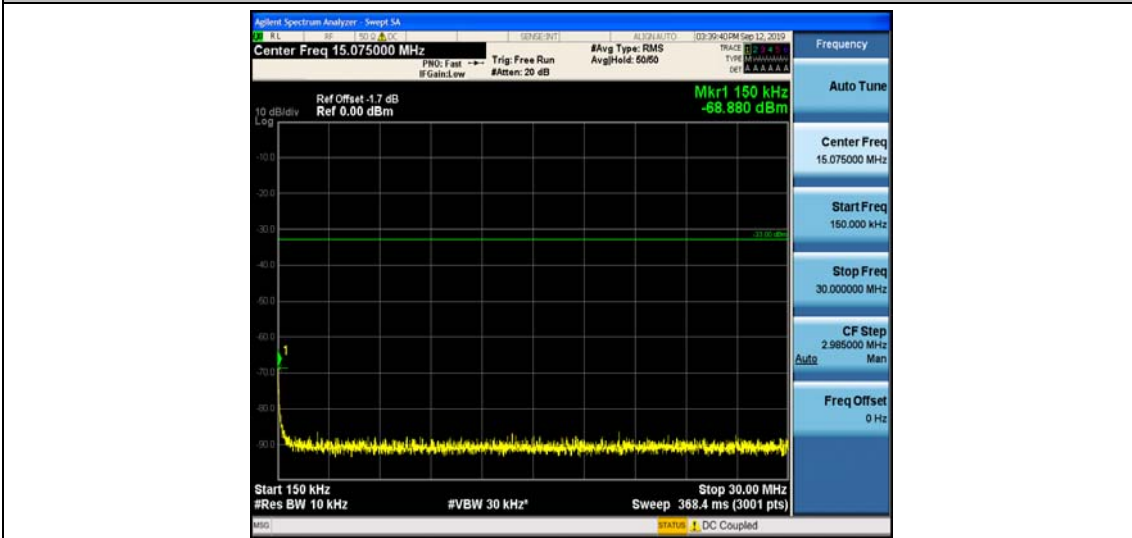
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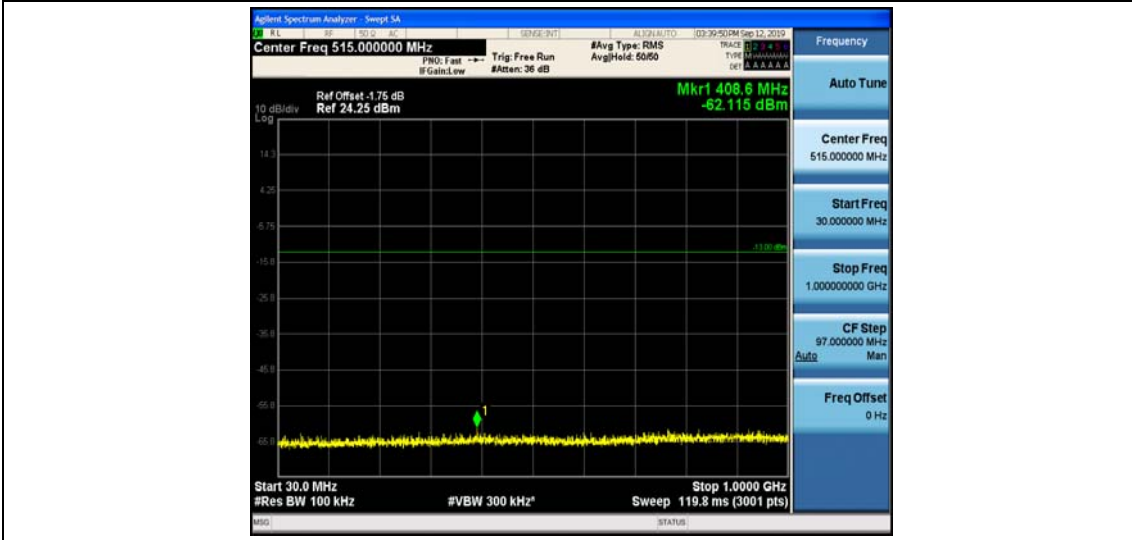
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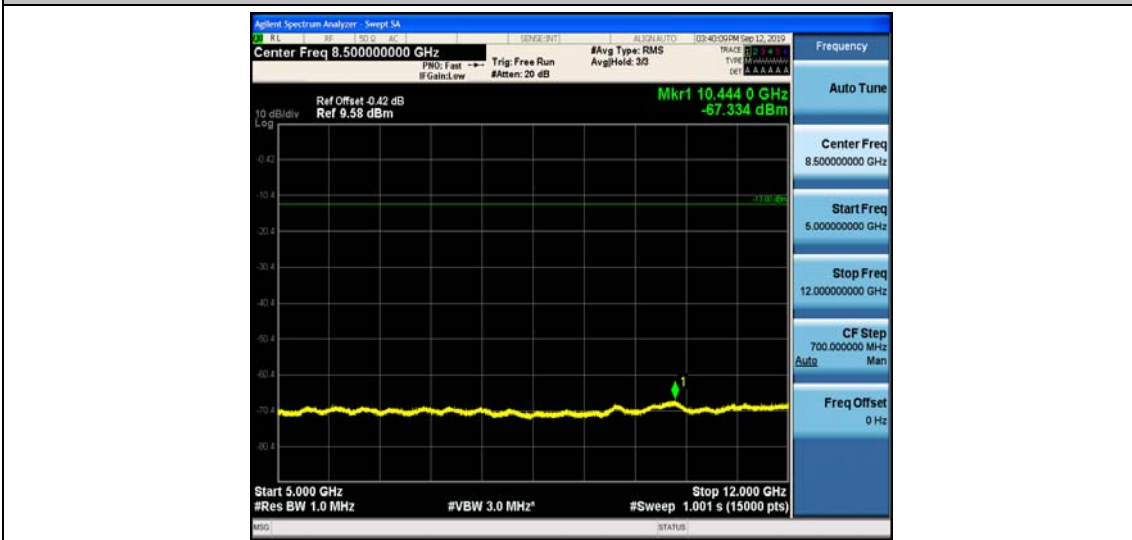
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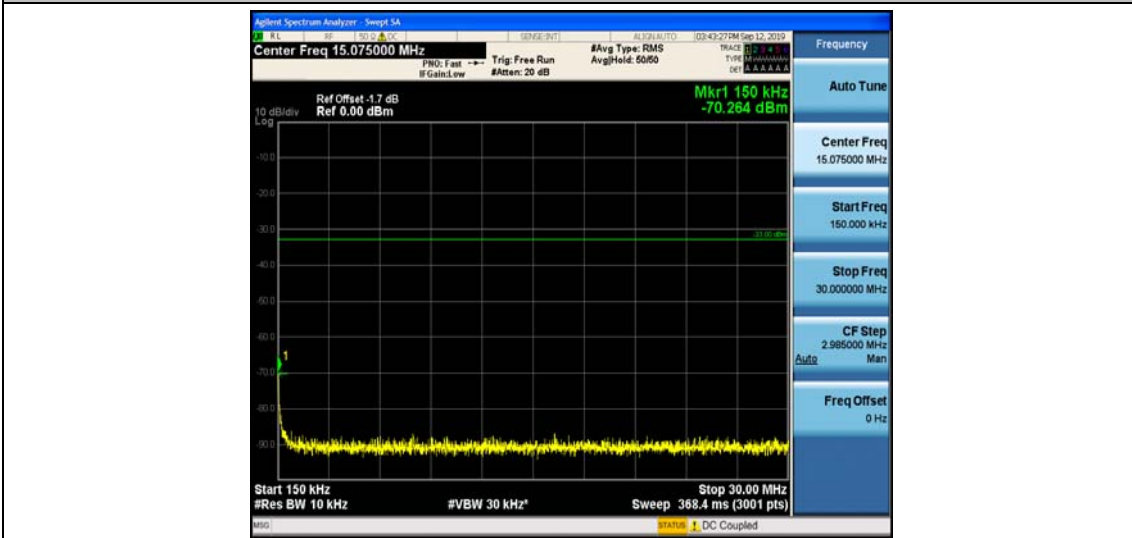
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Band25_20MHz_16QAM_26590_1RB#0



Band25_20MHz_16QAM_26590_1RB#0



Band25_20MHz_16QAM_26590_1RB#0



Band25_20MHz_16QAM_26590_1RB#0



Band25_20MHz_16QAM_26590_1RB#0



Band25_20MHz_16QAM_26590_1RB#0



Appendix F: Frequency Stability

Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature ()	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	1.01	0.000546	± 2.5	PASS
		VN	TN	4.21	0.002275	± 2.5	PASS
		VH	TN	-0.19	-0.000103	± 2.5	PASS
	MCH	VL	TN	4.71	0.002502	± 2.5	PASS
		VN	TN	-1.37	-0.000728	± 2.5	PASS
		VH	TN	3.08	0.001636	± 2.5	PASS
	HCH	VL	TN	4.77	0.002492	± 2.5	PASS
		VN	TN	1.65	0.000862	± 2.5	PASS
		VH	TN	4.38	0.002288	± 2.5	PASS
16QAM	LCH	VL	TN	-1.28	-0.000692	± 2.5	PASS
		VN	TN	4.5	0.002432	± 2.5	PASS
		VH	TN	-1.71	-0.000924	± 2.5	PASS
	MCH	VL	TN	4.46	0.002369	± 2.5	PASS
		VN	TN	-1.91	-0.001015	± 2.5	PASS
		VH	TN	-1.48	-0.000786	± 2.5	PASS
	HCH	VL	TN	1.45	0.000759	± 2.5	PASS
		VN	TN	1.2	0.000629	± 2.5	PASS
		VH	TN	4.11	0.002153	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	4.37	0.002361	± 2.5	PASS
		VN	-20	3.11	0.001680	± 2.5	PASS
		VN	-10	1.45	0.000783	± 2.5	PASS
		VN	0	3.62	0.001956	± 2.5	PASS
		VN	10	2.96	0.001599	± 2.5	PASS
		VN	20	1.5	0.000811	± 2.5	PASS
		VN	30	2.65	0.001432	± 2.5	PASS
		VN	40	2.14	0.001156	± 2.5	PASS
		VN	50	3.95	0.002134	± 2.5	PASS
	MCH	VN	-30	4.07	0.002162	± 2.5	PASS

	VN	-20	0.44	0.000234	± 2.5	PASS	
		VN	-10	-0.53	-0.000282	± 2.5	PASS
		VN	0	-0.23	-0.000122	± 2.5	PASS
		VN	10	3.05	0.001620	± 2.5	PASS
		VN	20	1.17	0.000622	± 2.5	PASS
		VN	30	-0.72	-0.000382	± 2.5	PASS
		VN	40	2.48	0.001317	± 2.5	PASS
		VN	50	3.9	0.002072	± 2.5	PASS
	HCH	VN	-30	0.04	0.000021	± 2.5	PASS
		VN	-20	0.22	0.000115	± 2.5	PASS
		VN	-10	3.06	0.001598	± 2.5	PASS
		VN	0	3.78	0.001975	± 2.5	PASS
		VN	10	-1.01	-0.000528	± 2.5	PASS
		VN	20	3.22	0.001682	± 2.5	PASS
		VN	30	2.9	0.001515	± 2.5	PASS
		VN	40	4.01	0.002095	± 2.5	PASS
		VN	50	3.21	0.001677	± 2.5	PASS
		16QAM	LCH	VN	-30	2	0.001081
VN	-20			4.74	0.002561	± 2.5	PASS
VN	-10			2.71	0.001464	± 2.5	PASS
VN	0			-0.72	-0.000389	± 2.5	PASS
VN	10			1.42	0.000767	± 2.5	PASS
VN	20			-1.99	-0.001075	± 2.5	PASS
VN	30			3.31	0.001789	± 2.5	PASS
VN	40			-1.48	-0.000800	± 2.5	PASS
VN	50			2.85	0.001540	± 2.5	PASS
MCH	VN		-30	-0.09	-0.000048	± 2.5	PASS
	VN		-20	1.86	0.000988	± 2.5	PASS
	VN		-10	4.17	0.002215	± 2.5	PASS
	VN		0	1.16	0.000616	± 2.5	PASS
	VN		10	4.57	0.002428	± 2.5	PASS
	VN		20	1.72	0.000914	± 2.5	PASS
	VN		30	1.69	0.000898	± 2.5	PASS
	VN		40	1.64	0.000871	± 2.5	PASS
	VN		50	1.88	0.000999	± 2.5	PASS
HCH	VN		-30	3.26	0.001703	± 2.5	PASS
	VN		-20	-1.75	-0.000914	± 2.5	PASS
	VN		-10	0.27	0.000141	± 2.5	PASS
	VN		0	3.91	0.002043	± 2.5	PASS
	VN		10	-0.46	-0.000240	± 2.5	PASS
	VN		20	0.55	0.000287	± 2.5	PASS

		VN	30	0.22	0.000115	± 2.5	PASS
		VN	40	0.52	0.000272	± 2.5	PASS
		VN	50	1.24	0.000648	± 2.5	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz+							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature ()	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	4.64	0.002506	± 2.5	PASS
		VN	TN	2.76	0.001491	± 2.5	PASS
		VH	TN	0.47	0.000254	± 2.5	PASS
	MCH	VL	TN	3.15	0.001673	± 2.5	PASS
		VN	TN	2.03	0.001078	± 2.5	PASS
		VH	TN	2.58	0.001371	± 2.5	PASS
	HCH	VL	TN	2.12	0.001108	± 2.5	PASS
		VN	TN	2.76	0.001442	± 2.5	PASS
		VH	TN	1.32	0.000690	± 2.5	PASS
16QAM	LCH	VL	TN	4.69	0.002533	± 2.5	PASS
		VN	TN	4.48	0.002420	± 2.5	PASS
		VH	TN	-0.67	-0.000362	± 2.5	PASS
	MCH	VL	TN	1.12	0.000595	± 2.5	PASS
		VN	TN	4.26	0.002263	± 2.5	PASS
		VH	TN	2.49	0.001323	± 2.5	PASS
	HCH	VL	TN	-1.14	-0.000596	± 2.5	PASS
		VN	TN	4.47	0.002336	± 2.5	PASS
		VH	TN	-0.65	-0.000340	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	4.9	0.002647	± 2.5	PASS
		VN	-20	-1.55	-0.000837	± 2.5	PASS
		VN	-10	-0.95	-0.000513	± 2.5	PASS
		VN	0	2.43	0.001312	± 2.5	PASS
		VN	10	4.33	0.002339	± 2.5	PASS
		VN	20	4.22	0.002279	± 2.5	PASS
		VN	30	0.7	0.000378	± 2.5	PASS
		VN	40	-0.71	-0.000383	± 2.5	PASS
		VN	50	2.59	0.001399	± 2.5	PASS
	MCH	VN	-30	2.5	0.001328	± 2.5	PASS
		VN	-20	-0.27	-0.000143	± 2.5	PASS

		VN	-10	3.18	0.001689	± 2.5	PASS		
		VN	0	3.06	0.001625	± 2.5	PASS		
		VN	10	0.66	0.000351	± 2.5	PASS		
		VN	20	0.8	0.000425	± 2.5	PASS		
		VN	30	2.31	0.001227	± 2.5	PASS		
		VN	40	-1.12	-0.000595	± 2.5	PASS		
		VN	50	4.41	0.002343	± 2.5	PASS		
	HCH	VN	-30	-0.85	-0.000444	± 2.5	PASS		
		VN	-20	-1.52	-0.000794	± 2.5	PASS		
		VN	-10	1.46	0.000763	± 2.5	PASS		
		VN	0	2.52	0.001317	± 2.5	PASS		
		VN	10	2.33	0.001218	± 2.5	PASS		
		VN	20	-0.73	-0.000381	± 2.5	PASS		
		VN	30	-0.16	-0.000084	± 2.5	PASS		
		VN	40	4.99	0.002608	± 2.5	PASS		
		VN	50	0.32	0.000167	± 2.5	PASS		
		QPSK	LCH	VN	-30	3.58	0.001934	± 2.5	PASS
				VN	-20	0.66	0.000356	± 2.5	PASS
VN	-10			1.52	0.000821	± 2.5	PASS		
VN	0			0.78	0.000421	± 2.5	PASS		
VN	10			3.02	0.001631	± 2.5	PASS		
VN	20			-0.52	-0.000281	± 2.5	PASS		
VN	30			4.72	0.002549	± 2.5	PASS		
VN	40			-0.46	-0.000248	± 2.5	PASS		
VN	50			4.18	0.002258	± 2.5	PASS		
MCH	VN		-30	-1.62	-0.000861	± 2.5	PASS		
	VN		-20	4.53	0.002406	± 2.5	PASS		
	VN		-10	-0.84	-0.000446	± 2.5	PASS		
	VN		0	1.38	0.000733	± 2.5	PASS		
	VN		10	1.03	0.000547	± 2.5	PASS		
	VN		20	1.72	0.000914	± 2.5	PASS		
	VN		30	0.14	0.000074	± 2.5	PASS		
	VN		40	0.76	0.000404	± 2.5	PASS		
	VN		50	3.22	0.001710	± 2.5	PASS		
HCH	VN		-30	3.84	0.002007	± 2.5	PASS		
	VN		-20	2.6	0.001359	± 2.5	PASS		
	VN		-10	-0.45	-0.000235	± 2.5	PASS		
	VN		0	3.11	0.001625	± 2.5	PASS		
	VN		10	-0.62	-0.000324	± 2.5	PASS		
	VN		20	-0.33	-0.000172	± 2.5	PASS		
	VN		30	-1.51	-0.000789	± 2.5	PASS		

		VN	40	2.66	0.001390	± 2.5	PASS
		VN	50	3.11	0.001625	± 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	-1.81	-0.000977	± 2.5	PASS
		VN	TN	0.18	0.000097	± 2.5	PASS
		VH	TN	0.69	0.000372	± 2.5	PASS
	MCH	VL	TN	2.47	0.001312	± 2.5	PASS
		VN	TN	1.51	0.000802	± 2.5	PASS
		VH	TN	-0.22	-0.000117	± 2.5	PASS
	HCH	VL	TN	2.29	0.001197	± 2.5	PASS
		VN	TN	-1.56	-0.000816	± 2.5	PASS
		VH	TN	1.48	0.000774	± 2.5	PASS
16QAM	LCH	VL	TN	1.77	0.000955	± 2.5	PASS
		VN	TN	-0.71	-0.000383	± 2.5	PASS
		VH	TN	3.77	0.002035	± 2.5	PASS
	MCH	VL	TN	4.76	0.002529	± 2.5	PASS
		VN	TN	1.07	0.000568	± 2.5	PASS
		VH	TN	-0.49	-0.000260	± 2.5	PASS
	HCH	VL	TN	-1.99	-0.001041	± 2.5	PASS
		VN	TN	-1.21	-0.000633	± 2.5	PASS
		VH	TN	3.36	0.001757	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	2.09	0.001128	± 2.5	PASS
		VN	-20	2.97	0.001603	± 2.5	PASS
		VN	-10	-0.53	-0.000286	± 2.5	PASS
		VN	0	1.15	0.000621	± 2.5	PASS
		VN	10	2.79	0.001506	± 2.5	PASS
		VN	20	-1.14	-0.000615	± 2.5	PASS
		VN	30	3.92	0.002116	± 2.5	PASS
		VN	40	-1.08	-0.000583	± 2.5	PASS
		VN	50	-1.39	-0.000750	± 2.5	PASS
	MCH	VN	-30	4.98	0.002645	± 2.5	PASS
		VN	-20	3.05	0.001620	± 2.5	PASS
		VN	-10	-0.04	-0.000021	± 2.5	PASS

		VN	0	1.33	0.000707	± 2.5	PASS		
		VN	10	-1.35	-0.000717	± 2.5	PASS		
		VN	20	2.71	0.001440	± 2.5	PASS		
		VN	30	-1.6	-0.000850	± 2.5	PASS		
		VN	40	1.31	0.000696	± 2.5	PASS		
		VN	50	-0.44	-0.000234	± 2.5	PASS		
	HCH	VN	-30	0.38	0.000199	± 2.5	PASS		
		VN	-20	-1.46	-0.000763	± 2.5	PASS		
		VN	-10	2.02	0.001056	± 2.5	PASS		
		VN	0	0.27	0.000141	± 2.5	PASS		
		VN	10	3.94	0.002060	± 2.5	PASS		
		VN	20	3.16	0.001652	± 2.5	PASS		
		VN	30	4.56	0.002384	± 2.5	PASS		
		VN	40	4.13	0.002159	± 2.5	PASS		
		VN	50	-1.13	-0.000591	± 2.5	PASS		
		16QAM	LCH	VN	-30	2.89	0.001560	± 2.5	PASS
				VN	-20	2.51	0.001355	± 2.5	PASS
				VN	-10	-0.82	-0.000443	± 2.5	PASS
VN	0			4.72	0.002548	± 2.5	PASS		
VN	10			0.7	0.000378	± 2.5	PASS		
VN	20			2.25	0.001215	± 2.5	PASS		
VN	30			0.12	0.000065	± 2.5	PASS		
VN	40			1.13	0.000610	± 2.5	PASS		
VN	50			1.99	0.001074	± 2.5	PASS		
MCH	VN		-30	-1.39	-0.000738	± 2.5	PASS		
	VN		-20	4.59	0.002438	± 2.5	PASS		
	VN		-10	-1.82	-0.000967	± 2.5	PASS		
	VN		0	-1.78	-0.000946	± 2.5	PASS		
	VN		10	0.15	0.000080	± 2.5	PASS		
	VN		20	-1.73	-0.000919	± 2.5	PASS		
	VN		30	3.96	0.002104	± 2.5	PASS		
	VN		40	3.07	0.001631	± 2.5	PASS		
	VN		50	-1.56	-0.000829	± 2.5	PASS		
HCH	VN		-30	2.59	0.001354	± 2.5	PASS		
	VN		-20	4.78	0.002499	± 2.5	PASS		
	VN		-10	4.22	0.002207	± 2.5	PASS		
	VN		0	0.02	0.000010	± 2.5	PASS		
	VN		10	0.59	0.000308	± 2.5	PASS		
	VN		20	2.59	0.001354	± 2.5	PASS		
	VN		30	-0.93	-0.000486	± 2.5	PASS		
	VN		40	-1.72	-0.000899	± 2.5	PASS		

		VN	50	0.44	0.000230	± 2.5	PASS
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Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature ()	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	-1.99	-0.001073	± 2.5	PASS
		VN	TN	-0.52	-0.000280	± 2.5	PASS
		VH	TN	0.31	0.000167	± 2.5	PASS
	MCH	VL	TN	1.38	0.000733	± 2.5	PASS
		VN	TN	0.47	0.000250	± 2.5	PASS
		VH	TN	1.65	0.000876	± 2.5	PASS
	HCH	VL	TN	-0.81	-0.000424	± 2.5	PASS
		VN	TN	2.21	0.001157	± 2.5	PASS
		VH	TN	1.9	0.000995	± 2.5	PASS
16QAM	LCH	VL	TN	0.07	0.000038	± 2.5	PASS
		VN	TN	4.69	0.002528	± 2.5	PASS
		VH	TN	2.62	0.001412	± 2.5	PASS
	MCH	VL	TN	-0.14	-0.000074	± 2.5	PASS
		VN	TN	4.39	0.002332	± 2.5	PASS
		VH	TN	1.46	0.000776	± 2.5	PASS
	HCH	VL	TN	-0.79	-0.000414	± 2.5	PASS
		VN	TN	3.11	0.001628	± 2.5	PASS
		VH	TN	1.35	0.000707	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
16QAM	LCH	VN	-30	2	0.001078	± 2.5	PASS
		VN	-20	1.46	0.000787	± 2.5	PASS
		VN	-10	1.69	0.000911	± 2.5	PASS
		VN	0	4.54	0.002447	± 2.5	PASS
		VN	10	-1.42	-0.000765	± 2.5	PASS
		VN	20	3.65	0.001968	± 2.5	PASS
		VN	30	0.84	0.000453	± 2.5	PASS
		VN	40	3.02	0.001628	± 2.5	PASS
		VN	50	-0.02	-0.000011	± 2.5	PASS
	MCH	VN	-30	-0.44	-0.000234	± 2.5	PASS
		VN	-20	4.53	0.002406	± 2.5	PASS
		VN	-10	3.64	0.001934	± 2.5	PASS
		VN	0	2.04	0.001084	± 2.5	PASS

		VN	10	2.26	0.001201	± 2.5	PASS
		VN	20	-0.53	-0.000282	± 2.5	PASS
		VN	30	-0.14	-0.000074	± 2.5	PASS
		VN	40	0.05	0.000027	± 2.5	PASS
		VN	50	4.02	0.002135	± 2.5	PASS
	HCH	VN	-30	3.29	0.001723	± 2.5	PASS
		VN	-20	0.37	0.000194	± 2.5	PASS
		VN	-10	1.71	0.000895	± 2.5	PASS
		VN	0	4.32	0.002262	± 2.5	PASS
		VN	10	3.19	0.001670	± 2.5	PASS
		VN	20	1.21	0.000634	± 2.5	PASS
		VN	30	-1.83	-0.000958	± 2.5	PASS
		VN	40	-1.45	-0.000759	± 2.5	PASS
		VN	50	4.53	0.002372	± 2.5	PASS
		QPSK	LCH	VN	-30	-0.04	-0.000022
VN	-20			2.15	0.001159	± 2.5	PASS
VN	-10			-0.74	-0.000399	± 2.5	PASS
VN	0			3.33	0.001795	± 2.5	PASS
VN	10			-1.77	-0.000954	± 2.5	PASS
VN	20			-0.26	-0.000140	± 2.5	PASS
VN	30			4.37	0.002356	± 2.5	PASS
VN	40			1.15	0.000620	± 2.5	PASS
VN	50			-0.37	-0.000199	± 2.5	PASS
MCH	VN		-30	4.25	0.002258	± 2.5	PASS
	VN		-20	0.01	0.000005	± 2.5	PASS
	VN		-10	2.01	0.001068	± 2.5	PASS
	VN		0	2.71	0.001440	± 2.5	PASS
	VN		10	3.71	0.001971	± 2.5	PASS
	VN		20	2.28	0.001211	± 2.5	PASS
	VN		30	2.78	0.001477	± 2.5	PASS
	VN		40	4.47	0.002375	± 2.5	PASS
	VN		50	1.72	0.000914	± 2.5	PASS
HCH	VN		-30	4.67	0.002445	± 2.5	PASS
	VN		-20	-1.24	-0.000649	± 2.5	PASS
	VN		-10	4.33	0.002267	± 2.5	PASS
	VN		0	-1.89	-0.000990	± 2.5	PASS
	VN		10	-0.63	-0.000330	± 2.5	PASS
	VN		20	-1.95	-0.001021	± 2.5	PASS
	VN		30	3.49	0.001827	± 2.5	PASS
	VN		40	4.9	0.002565	± 2.5	PASS
	VN		50	2.13	0.001115	± 2.5	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature ()	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	4.93	0.002654	± 2.5	PASS
		VN	TN	4.3	0.002315	± 2.5	PASS
		VH	TN	-0.36	-0.000194	± 2.5	PASS
	MCH	VL	TN	-1.89	-0.001004	± 2.5	PASS
		VN	TN	4.84	0.002571	± 2.5	PASS
		VH	TN	3.96	0.002104	± 2.5	PASS
	HCH	VL	TN	3.17	0.001662	± 2.5	PASS
		VN	TN	2.43	0.001274	± 2.5	PASS
		VH	TN	0.13	0.000068	± 2.5	PASS
16QAM	LCH	VL	TN	3.28	0.001766	± 2.5	PASS
		VN	TN	-0.37	-0.000199	± 2.5	PASS
		VH	TN	-1.95	-0.001050	± 2.5	PASS
	MCH	VL	TN	-1.69	-0.000898	± 2.5	PASS
		VN	TN	1.97	0.001046	± 2.5	PASS
		VH	TN	1.55	0.000823	± 2.5	PASS
	HCH	VL	TN	4.88	0.002558	± 2.5	PASS
		VN	TN	-0.65	-0.000341	± 2.5	PASS
		VH	TN	1.67	0.000875	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	4.15	0.002234	± 2.5	PASS
		VN	-20	-0.35	-0.000188	± 2.5	PASS
		VN	-10	4.34	0.002336	± 2.5	PASS
		VN	0	-0.42	-0.000226	± 2.5	PASS
		VN	10	1.2	0.000646	± 2.5	PASS
		VN	20	0.81	0.000436	± 2.5	PASS
		VN	30	-0.77	-0.000415	± 2.5	PASS
		VN	40	2.18	0.001174	± 2.5	PASS
		VN	50	-1.27	-0.000684	± 2.5	PASS
	MCH	VN	-30	4.01	0.002130	± 2.5	PASS
		VN	-20	3.47	0.001843	± 2.5	PASS
		VN	-10	4.2	0.002231	± 2.5	PASS
		VN	0	4.9	0.002603	± 2.5	PASS
		VN	10	0.91	0.000483	± 2.5	PASS
		VN	20	4.71	0.002502	± 2.5	PASS

		VN	30	3.78	0.002008	± 2.5	PASS
		VN	40	1.96	0.001041	± 2.5	PASS
		VN	50	3.21	0.001705	± 2.5	PASS
	HCH	VN	-30	-0.16	-0.000084	± 2.5	PASS
		VN	-20	0.89	0.000467	± 2.5	PASS
		VN	-10	-1.77	-0.000928	± 2.5	PASS
		VN	0	-0.85	-0.000446	± 2.5	PASS
		VN	10	2.9	0.001520	± 2.5	PASS
		VN	20	4.51	0.002364	± 2.5	PASS
		VN	30	4.54	0.002380	± 2.5	PASS
		VN	40	3.11	0.001630	± 2.5	PASS
		VN	50	-0.12	-0.000063	± 2.5	PASS
QPSK	LCH	VN	-30	3.49	0.001879	± 2.5	PASS
		VN	-20	1.16	0.000624	± 2.5	PASS
		VN	-10	1.16	0.000624	± 2.5	PASS
		VN	0	2.51	0.001351	± 2.5	PASS
		VN	10	2.55	0.001373	± 2.5	PASS
		VN	20	-0.65	-0.000350	± 2.5	PASS
		VN	30	-1.78	-0.000958	± 2.5	PASS
		VN	40	3.23	0.001739	± 2.5	PASS
		VN	50	4.66	0.002509	± 2.5	PASS
	MCH	VN	-30	-1.58	-0.000839	± 2.5	PASS
		VN	-20	4.35	0.002311	± 2.5	PASS
		VN	-10	-1.05	-0.000558	± 2.5	PASS
		VN	0	1.94	0.001031	± 2.5	PASS
		VN	10	-1.12	-0.000595	± 2.5	PASS
		VN	20	4.94	0.002624	± 2.5	PASS
		VN	30	4.18	0.002220	± 2.5	PASS
		VN	40	3.83	0.002035	± 2.5	PASS
		VN	50	-1.15	-0.000611	± 2.5	PASS
	HCH	VN	-30	0.62	0.000325	± 2.5	PASS
		VN	-20	3.37	0.001767	± 2.5	PASS
		VN	-10	-0.46	-0.000241	± 2.5	PASS
		VN	0	4.43	0.002322	± 2.5	PASS
		VN	10	2.03	0.001064	± 2.5	PASS
		VN	20	3.55	0.001861	± 2.5	PASS
		VN	30	0.98	0.000514	± 2.5	PASS
		VN	40	1.34	0.000702	± 2.5	PASS
		VN	50	0.56	0.000294	± 2.5	PASS

Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature ()	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	2.28	0.001226	± 2.5	PASS
		VN	TN	-1.36	-0.000731	± 2.5	PASS
		VH	TN	1.44	0.000774	± 2.5	PASS
	MCH	VL	TN	-1.18	-0.000627	± 2.5	PASS
		VN	TN	1.11	0.000590	± 2.5	PASS
		VH	TN	-0.26	-0.000138	± 2.5	PASS
	HCH	VL	TN	1.98	0.001039	± 2.5	PASS
		VN	TN	0.22	0.000115	± 2.5	PASS
		VH	TN	1.57	0.000824	± 2.5	PASS
16QAM	LCH	VL	TN	1.06	0.000570	± 2.5	PASS
		VN	TN	-1.29	-0.000694	± 2.5	PASS
		VH	TN	-1.24	-0.000667	± 2.5	PASS
	MCH	VL	TN	3.79	0.002013	± 2.5	PASS
		VN	TN	0.63	0.000335	± 2.5	PASS
		VH	TN	3.49	0.001854	± 2.5	PASS
	HCH	VL	TN	2.76	0.001449	± 2.5	PASS
		VN	TN	-1.46	-0.000766	± 2.5	PASS
		VH	TN	-1.59	-0.000835	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	4.38	0.002355	± 2.5	PASS
		VN	-20	0.5	0.000269	± 2.5	PASS
		VN	-10	4.18	0.002247	± 2.5	PASS
		VN	0	1.71	0.000919	± 2.5	PASS
		VN	10	-0.87	-0.000468	± 2.5	PASS
		VN	20	-1.28	-0.000688	± 2.5	PASS
		VN	30	4.95	0.002661	± 2.5	PASS
		VN	40	2.62	0.001409	± 2.5	PASS
		VN	50	-1.23	-0.000661	± 2.5	PASS
	MCH	VN	-30	4.34	0.002309	± 2.5	PASS
		VN	-20	4.85	0.002580	± 2.5	PASS
		VN	-10	3.28	0.001745	± 2.5	PASS
		VN	0	-1.77	-0.000941	± 2.5	PASS
		VN	10	3.53	0.001878	± 2.5	PASS
		VN	20	-1.21	-0.000644	± 2.5	PASS

		VN	30	3.01	0.001601	± 2.5	PASS
		VN	40	0.21	0.000112	± 2.5	PASS
		VN	50	1.08	0.000574	± 2.5	PASS
	HCH	VN	-30	-1.13	-0.000593	± 2.5	PASS
		VN	-20	1.88	0.000987	± 2.5	PASS
		VN	-10	-1.57	-0.000824	± 2.5	PASS
		VN	0	-1.01	-0.000530	± 2.5	PASS
		VN	10	1.38	0.000724	± 2.5	PASS
		VN	20	1.46	0.000766	± 2.5	PASS
		VN	30	0.71	0.000373	± 2.5	PASS
		VN	40	-1.19	-0.000625	± 2.5	PASS
		VN	50	1.71	0.000898	± 2.5	PASS
QPSK	LCH	VN	-30	0.62	0.000333	± 2.5	PASS
		VN	-20	1.03	0.000554	± 2.5	PASS
		VN	-10	0.37	0.000199	± 2.5	PASS
		VN	0	1.61	0.000866	± 2.5	PASS
		VN	10	4.17	0.002242	± 2.5	PASS
		VN	20	1.17	0.000629	± 2.5	PASS
		VN	30	0.41	0.000220	± 2.5	PASS
		VN	40	3.62	0.001946	± 2.5	PASS
		VN	50	1.49	0.000801	± 2.5	PASS
	MCH	VN	-30	2.61	0.001386	± 2.5	PASS
		VN	-20	-1.11	-0.000590	± 2.5	PASS
		VN	-10	2.58	0.001371	± 2.5	PASS
		VN	0	3.24	0.001721	± 2.5	PASS
		VN	10	1.4	0.000744	± 2.5	PASS
		VN	20	-0.45	-0.000239	± 2.5	PASS
		VN	30	3.55	0.001886	± 2.5	PASS
		VN	40	4.97	0.002640	± 2.5	PASS
		VN	50	1.4	0.000744	± 2.5	PASS
	HCH	VN	-30	2.31	0.001213	± 2.5	PASS
		VN	-20	0.64	0.000336	± 2.5	PASS
		VN	-10	1.11	0.000583	± 2.5	PASS
		VN	0	3.1	0.001627	± 2.5	PASS
		VN	10	4.09	0.002147	± 2.5	PASS
		VN	20	0.47	0.000247	± 2.5	PASS
		VN	30	0.87	0.000457	± 2.5	PASS
		VN	40	2.17	0.001139	± 2.5	PASS
		VN	50	0.83	0.000436	± 2.5	PASS