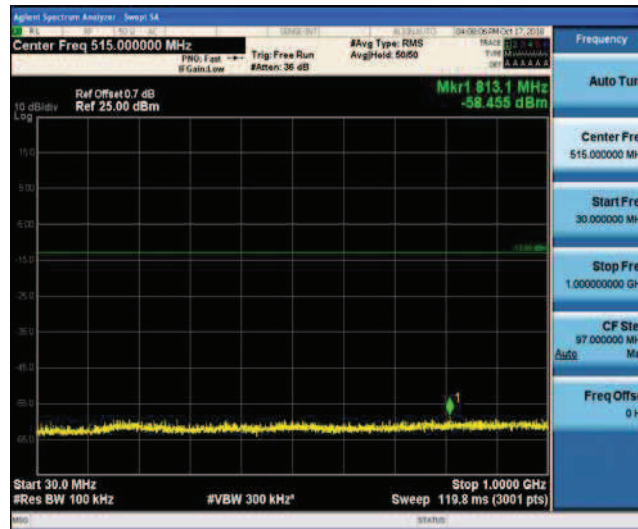




Band2_15MHz_16QAM_18675_1RB#0



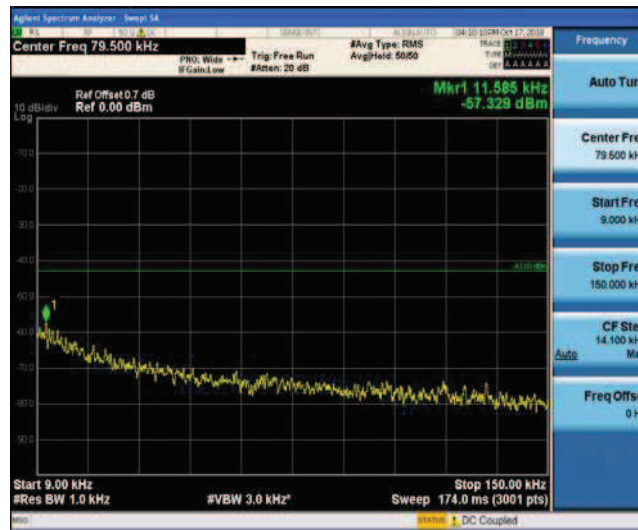
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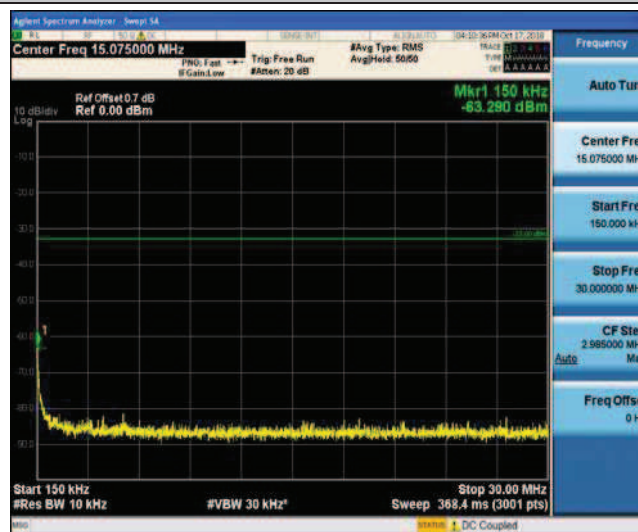
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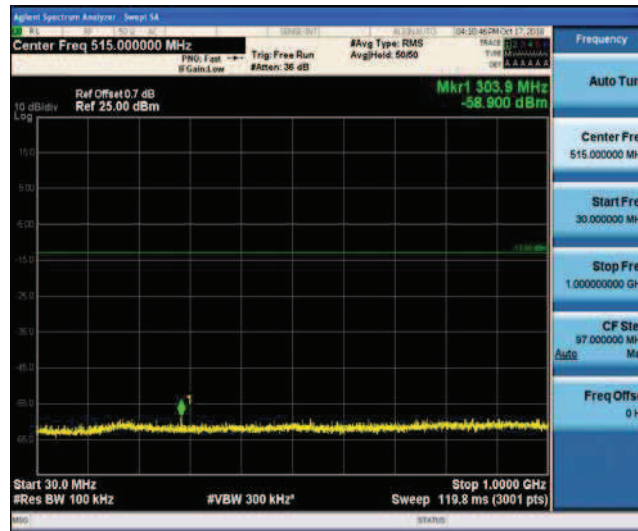
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Band2_15MHz_16QAM_18900_1RB#0



Band2_15MHz_16QAM_18900_1RB#0



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Band2_15MHz_16QAM_18900_1RB#0



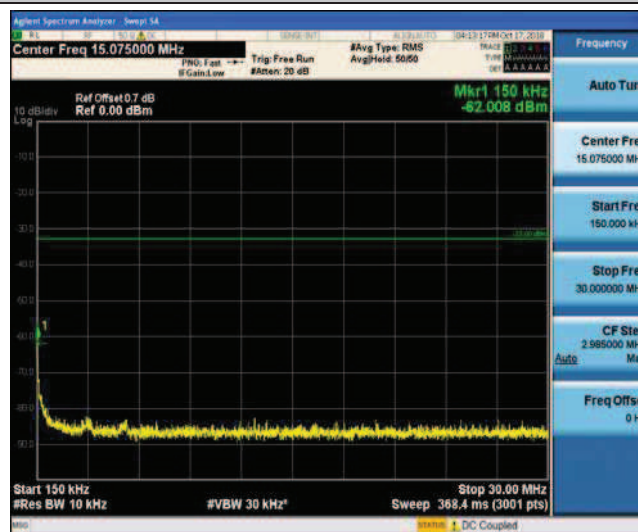
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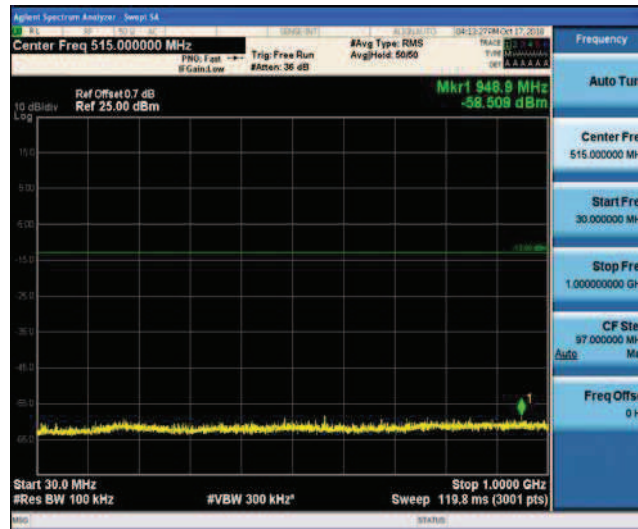
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Band2_15MHz_16QAM_19125_1RB#0



Band2_15MHz_16QAM_19125_1RB#0



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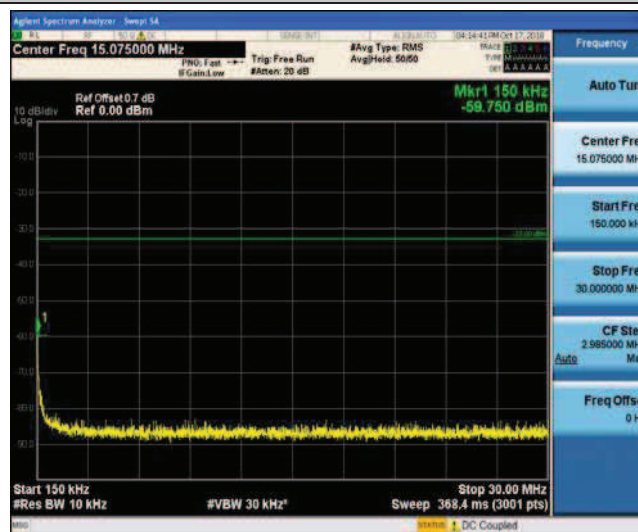
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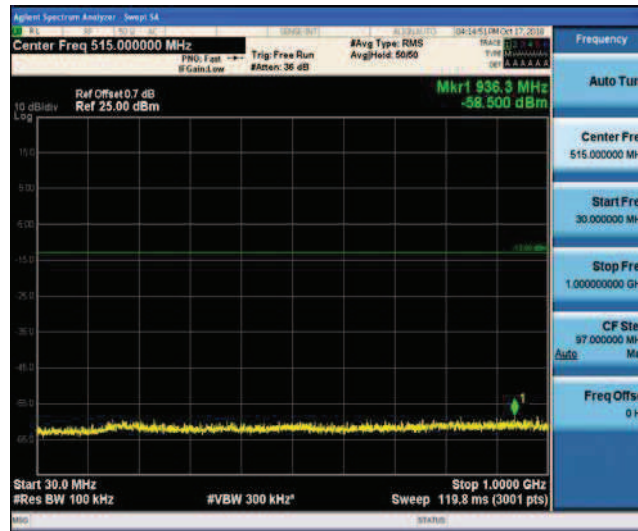
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Band2_20MHz_QPSK_18700_1RB#0



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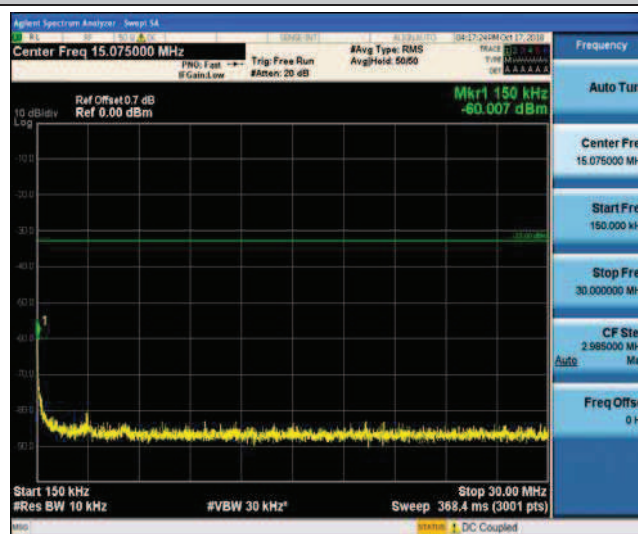
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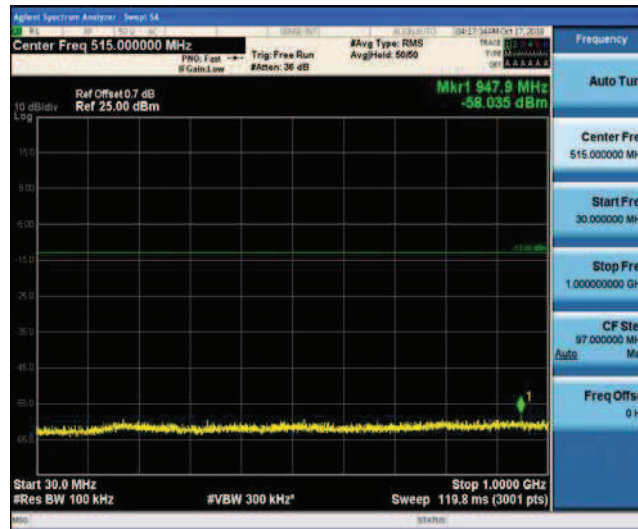
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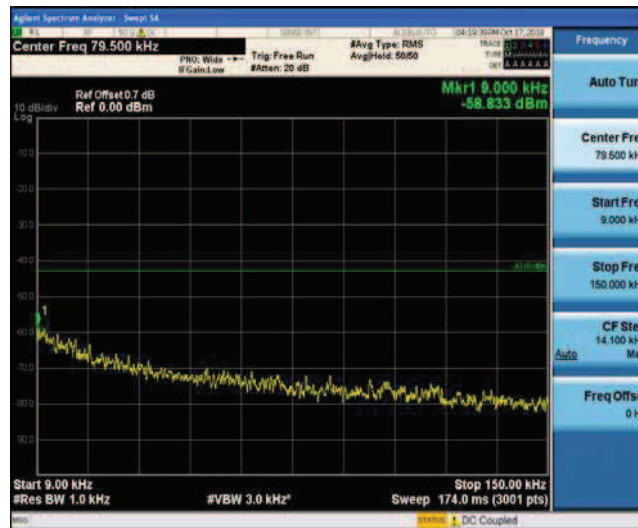
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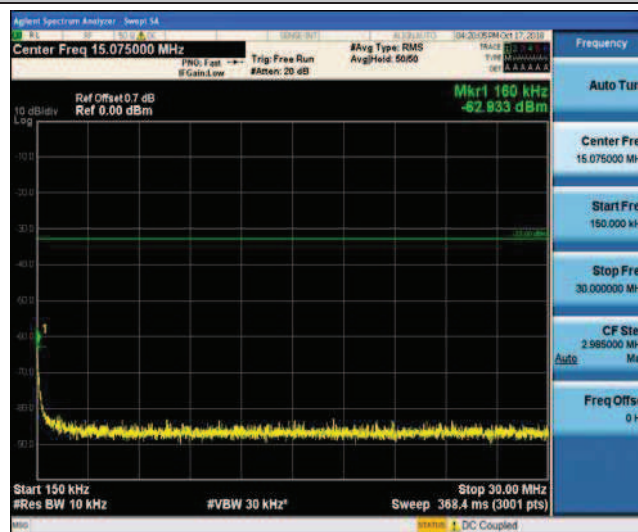
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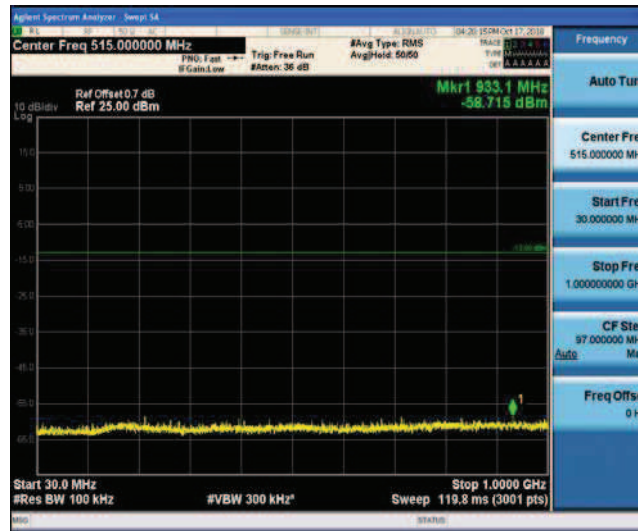
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Band2_20MHz_QPSK_19100_1RB#0



Band2_20MHz_QPSK_19100_1RB#0



Band2_20MHz_QPSK_19100_1RB#0



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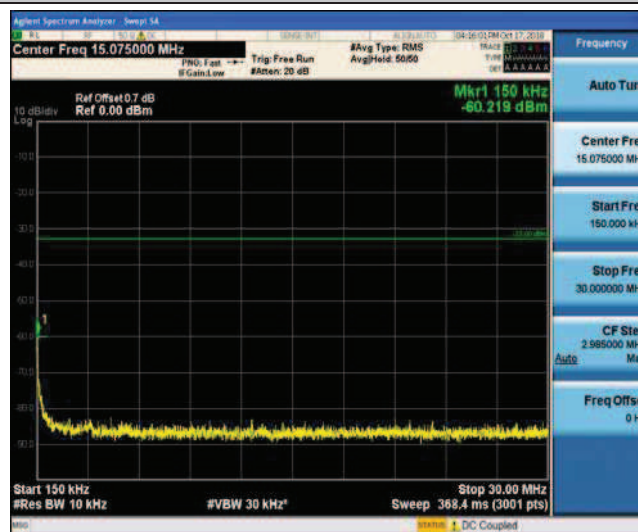
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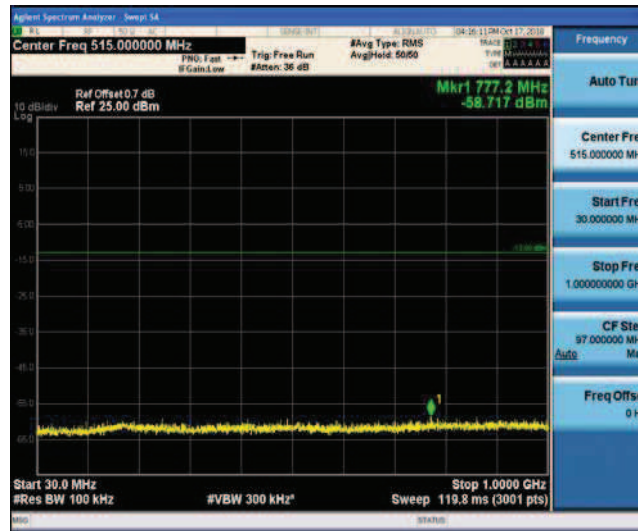
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Band2_20MHz_16QAM_18700_1RB#0



Band2_20MHz_16QAM_18700_1RB#0



Band2_20MHz_16QAM_18700_1RB#0



Band2_20MHz_16QAM_18700_1RB#0



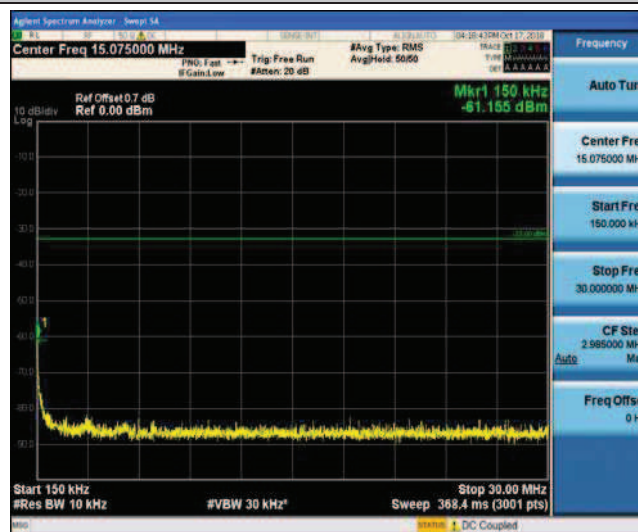
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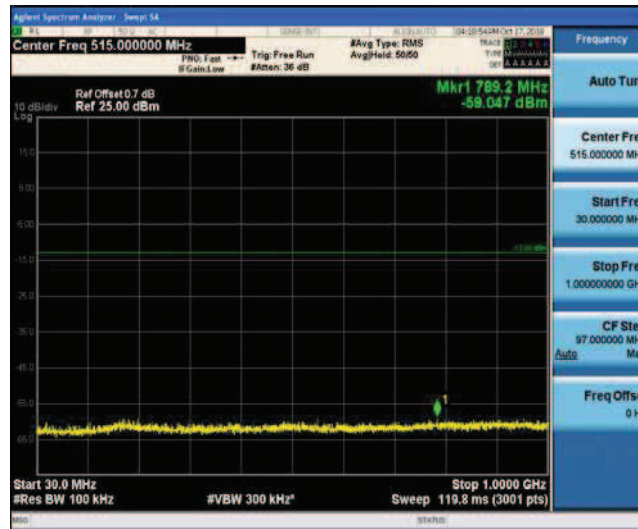
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Band2_20MHz_16QAM_18900_1RB#0



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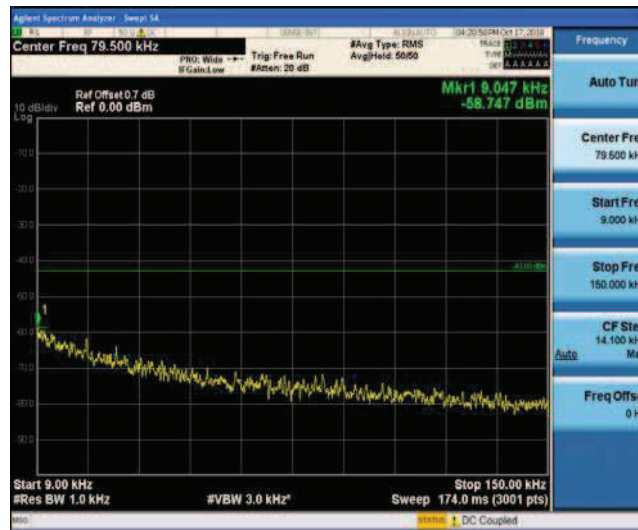
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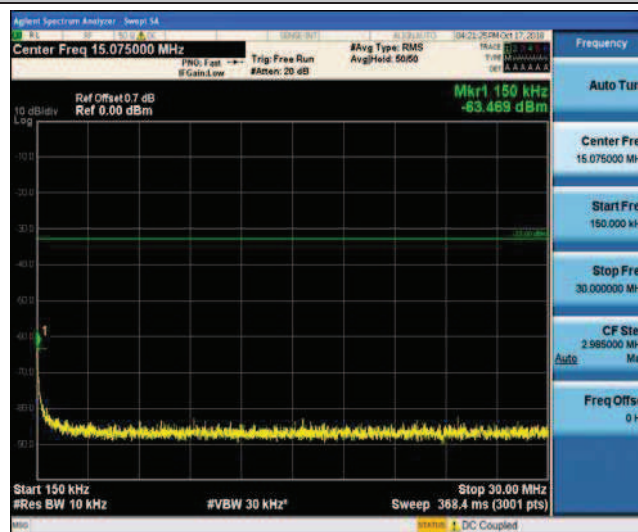
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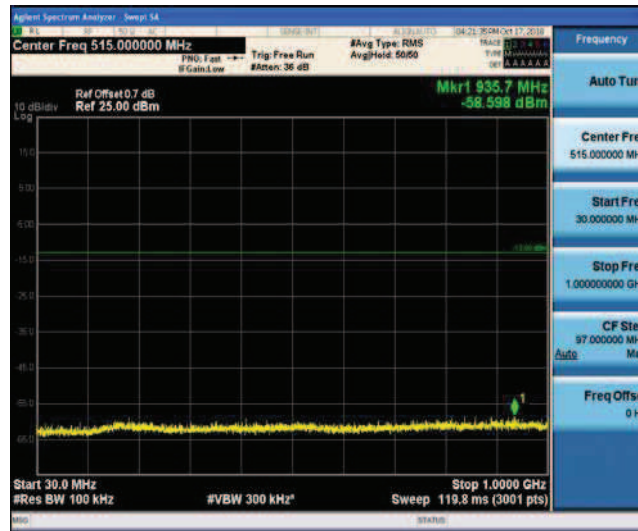
Band2_20MHz_16QAM_19100_1RB#0



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	-1.81	-0.000978	± 2.5	PASS
		VN	TN	-1.89	-0.001021	± 2.5	PASS
		VH	TN	-1.91	-0.001032	± 2.5	PASS
	MCH	VL	TN	0.13	0.000069	± 2.5	PASS
		VN	TN	3.5	0.001862	± 2.5	PASS
		VH	TN	-0.01	-0.000005	± 2.5	PASS
	HCH	VL	TN	4.64	0.002430	± 2.5	PASS
		VN	TN	2.05	0.001074	± 2.5	PASS
		VH	TN	4.88	0.002556	± 2.5	PASS
16QAM	LCH	VL	TN	1.21	0.000654	± 2.5	PASS
		VN	TN	0.82	0.000443	± 2.5	PASS
		VH	TN	0.8	0.000432	± 2.5	PASS
	MCH	VL	TN	-0.28	-0.000149	± 2.5	PASS
		VN	TN	1.85	0.000984	± 2.5	PASS
		VH	TN	0.25	0.000133	± 2.5	PASS
	HCH	VL	TN	1.98	0.001037	± 2.5	PASS
		VN	TN	4.04	0.002116	± 2.5	PASS
		VH	TN	3.65	0.001912	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-0.69	-0.000373	± 2.5	PASS
		VN	-20	3.75	0.002026	± 2.5	PASS
		VN	-10	-1.4	-0.000756	± 2.5	PASS
		VN	0	1.4	0.000756	± 2.5	PASS
		VN	10	-0.28	-0.000151	± 2.5	PASS
		VN	20	2.48	0.001340	± 2.5	PASS
		VN	30	4	0.002161	± 2.5	PASS
		VN	40	2.38	0.001286	± 2.5	PASS
		VN	50	0.47	0.000254	± 2.5	PASS
	MCH	VN	-30	1.11	0.000590	± 2.5	PASS

		VN	-20	-0.23	-0.000122	± 2.5	PASS
		VN	-10	2.86	0.001521	± 2.5	PASS
		VN	0	-1.44	-0.000766	± 2.5	PASS
		VN	10	-1.72	-0.000915	± 2.5	PASS
		VN	20	2.71	0.001441	± 2.5	PASS
		VN	30	4.99	0.002654	± 2.5	PASS
		VN	40	3.96	0.002106	± 2.5	PASS
		VN	50	-1.42	-0.000755	± 2.5	PASS
	HCH	VN	-30	4.68	0.002451	± 2.5	PASS
		VN	-20	-1.2	-0.000629	± 2.5	PASS
		VN	-10	2.33	0.001220	± 2.5	PASS
		VN	0	2.12	0.001110	± 2.5	PASS
		VN	10	-1.29	-0.000676	± 2.5	PASS
		VN	20	0.04	0.000021	± 2.5	PASS
		VN	30	2.76	0.001446	± 2.5	PASS
		VN	40	-1.35	-0.000707	± 2.5	PASS
16QAM	LCH	VN	-30	-1.01	-0.000546	± 2.5	PASS
		VN	-20	1.03	0.000557	± 2.5	PASS
		VN	-10	3.89	0.002102	± 2.5	PASS
		VN	0	3.85	0.002080	± 2.5	PASS
		VN	10	1.77	0.000956	± 2.5	PASS
		VN	20	3.01	0.001626	± 2.5	PASS
		VN	30	3.11	0.001680	± 2.5	PASS
		VN	40	-1.14	-0.000616	± 2.5	PASS
		VN	50	-0.25	-0.000135	± 2.5	PASS
	MCH	VN	-30	2.67	0.001420	± 2.5	PASS
		VN	-20	3.03	0.001612	± 2.5	PASS
		VN	-10	0.97	0.000516	± 2.5	PASS
		VN	0	0.05	0.000027	± 2.5	PASS
		VN	10	2.64	0.001404	± 2.5	PASS
		VN	20	3.32	0.001766	± 2.5	PASS
		VN	30	2.95	0.001569	± 2.5	PASS
		VN	40	3.09	0.001644	± 2.5	PASS
		VN	50	2.29	0.001218	± 2.5	PASS
	HCH	VN	-30	-1.96	-0.001027	± 2.5	PASS
		VN	-20	0.77	0.000403	± 2.5	PASS
		VN	-10	-0.84	-0.000440	± 2.5	PASS
		VN	0	2.68	0.001404	± 2.5	PASS
		VN	10	1.29	0.000676	± 2.5	PASS
		VN	20	-1.53	-0.000801	± 2.5	PASS

		VN	30	2.63	0.001377	± 2.5	PASS
		VN	40	4.13	0.002163	± 2.5	PASS
		VN	50	1.18	0.000618	± 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	2.19	0.001183	± 2.5	PASS
		VN	TN	1.11	0.000600	± 2.5	PASS
		VH	TN	0.87	0.000470	± 2.5	PASS
	MCH	VL	TN	4.37	0.002324	± 2.5	PASS
		VN	TN	3.51	0.001867	± 2.5	PASS
		VH	TN	0.84	0.000447	± 2.5	PASS
	HCH	VL	TN	4.52	0.002368	± 2.5	PASS
		VN	TN	0.38	0.000199	± 2.5	PASS
		VH	TN	0.23	0.000121	± 2.5	PASS
16QAM	LCH	VL	TN	-1.79	-0.000967	± 2.5	PASS
		VN	TN	0.07	0.000038	± 2.5	PASS
		VH	TN	3.42	0.001847	± 2.5	PASS
	MCH	VL	TN	-0.08	-0.000043	± 2.5	PASS
		VN	TN	2.25	0.001197	± 2.5	PASS
		VH	TN	4.16	0.002213	± 2.5	PASS
	HCH	VL	TN	0.94	0.000493	± 2.5	PASS
		VN	TN	-0.06	-0.000031	± 2.5	PASS
		VH	TN	3.03	0.001588	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	0.81	0.000437	± 2.5	PASS
		VN	-20	3.93	0.002123	± 2.5	PASS
		VN	-10	-1.39	-0.000751	± 2.5	PASS
		VN	0	-1.76	-0.000951	± 2.5	PASS
		VN	10	2.51	0.001356	± 2.5	PASS
		VN	20	2.83	0.001528	± 2.5	PASS
		VN	30	3.72	0.002009	± 2.5	PASS
		VN	40	-1.47	-0.000794	± 2.5	PASS
		VN	50	3.33	0.001799	± 2.5	PASS
	MCH	VN	-30	1.16	0.000617	± 2.5	PASS
		VN	-20	4.41	0.002346	± 2.5	PASS

		VN	-10	-1.09	-0.000580	± 2.5	PASS
		VN	0	-0.67	-0.000356	± 2.5	PASS
		VN	10	2.55	0.001356	± 2.5	PASS
		VN	20	3.35	0.001782	± 2.5	PASS
		VN	30	3.53	0.001878	± 2.5	PASS
		VN	40	4.91	0.002612	± 2.5	PASS
		VN	50	-1.33	-0.000707	± 2.5	PASS
	HCH	VN	-30	4.72	0.002473	± 2.5	PASS
		VN	-20	-0.37	-0.000194	± 2.5	PASS
		VN	-10	2.06	0.001079	± 2.5	PASS
		VN	0	0.02	0.000010	± 2.5	PASS
		VN	10	2.66	0.001394	± 2.5	PASS
		VN	20	1.55	0.000812	± 2.5	PASS
		VN	30	3.36	0.001761	± 2.5	PASS
		VN	40	2.81	0.001472	± 2.5	PASS
		VN	50	0.16	0.000084	± 2.5	PASS
16QAM	LCH	VN	-30	2.07	0.001118	± 2.5	PASS
		VN	-20	4.81	0.002598	± 2.5	PASS
		VN	-10	4.94	0.002668	± 2.5	PASS
		VN	0	3.66	0.001977	± 2.5	PASS
		VN	10	0.4	0.000216	± 2.5	PASS
		VN	20	4.1	0.002214	± 2.5	PASS
		VN	30	4.8	0.002592	± 2.5	PASS
		VN	40	-1.52	-0.000821	± 2.5	PASS
		VN	50	0.11	0.000059	± 2.5	PASS
	MCH	VN	-30	3.66	0.001947	± 2.5	PASS
		VN	-20	3.31	0.001761	± 2.5	PASS
		VN	-10	3.01	0.001601	± 2.5	PASS
		VN	0	4.69	0.002495	± 2.5	PASS
		VN	10	1.44	0.000766	± 2.5	PASS
		VN	20	-0.87	-0.000463	± 2.5	PASS
		VN	30	0.72	0.000383	± 2.5	PASS
		VN	40	1.59	0.000846	± 2.5	PASS
		VN	50	0.38	0.000202	± 2.5	PASS
	HCH	VN	-30	0.91	0.000477	± 2.5	PASS
		VN	-20	-0.92	-0.000482	± 2.5	PASS
		VN	-10	3.25	0.001703	± 2.5	PASS
		VN	0	-0.92	-0.000482	± 2.5	PASS
		VN	10	0.55	0.000288	± 2.5	PASS
		VN	20	4.52	0.002368	± 2.5	PASS
		VN	30	3.66	0.001918	± 2.5	PASS

		VN	40	2.16	0.001132	± 2.5	PASS
		VN	50	2.46	0.001289	± 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	-0.83	-0.000448	± 2.5	PASS
		VN	TN	-1.73	-0.000934	± 2.5	PASS
		VH	TN	4.66	0.002516	± 2.5	PASS
	MCH	VL	TN	3.28	0.001745	± 2.5	PASS
		VN	TN	-1.89	-0.001005	± 2.5	PASS
		VH	TN	1.46	0.000777	± 2.5	PASS
	HCH	VL	TN	-1.37	-0.000718	± 2.5	PASS
		VN	TN	3.97	0.002081	± 2.5	PASS
		VH	TN	-1.12	-0.000587	± 2.5	PASS
16QAM	LCH	VL	TN	-0.71	-0.000383	± 2.5	PASS
		VN	TN	0.63	0.000340	± 2.5	PASS
		VH	TN	3.37	0.001819	± 2.5	PASS
	MCH	VL	TN	-1.15	-0.000612	± 2.5	PASS
		VN	TN	1.81	0.000963	± 2.5	PASS
		VH	TN	-0.85	-0.000452	± 2.5	PASS
	HCH	VL	TN	0.93	0.000488	± 2.5	PASS
		VN	TN	1.78	0.000933	± 2.5	PASS
		VH	TN	1.3	0.000682	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	0.84	0.000453	± 2.5	PASS
		VN	-20	2.13	0.001150	± 2.5	PASS
		VN	-10	-0.96	-0.000518	± 2.5	PASS
		VN	0	0.79	0.000426	± 2.5	PASS
		VN	10	0.02	0.000011	± 2.5	PASS
		VN	20	-1.57	-0.000848	± 2.5	PASS
		VN	30	-0.72	-0.000389	± 2.5	PASS
		VN	40	4.43	0.002391	± 2.5	PASS
		VN	50	3.23	0.001744	± 2.5	PASS
	MCH	VN	-30	0.25	0.000133	± 2.5	PASS
		VN	-20	-0.66	-0.000351	± 2.5	PASS
		VN	-10	-0.86	-0.000457	± 2.5	PASS

		VN	0	4.98	0.002649	± 2.5	PASS
		VN	10	-0.8	-0.000426	± 2.5	PASS
		VN	20	-0.8	-0.000426	± 2.5	PASS
		VN	30	-1.53	-0.000814	± 2.5	PASS
		VN	40	0.82	0.000436	± 2.5	PASS
		VN	50	0.73	0.000388	± 2.5	PASS
	HCH	VN	-30	-0.3	-0.000157	± 2.5	PASS
		VN	-20	-1.65	-0.000865	± 2.5	PASS
		VN	-10	0.91	0.000477	± 2.5	PASS
		VN	0	0.8	0.000419	± 2.5	PASS
		VN	10	4.75	0.002490	± 2.5	PASS
		VN	20	0.67	0.000351	± 2.5	PASS
		VN	30	2.03	0.001064	± 2.5	PASS
		VN	40	4.58	0.002401	± 2.5	PASS
		VN	50	-0.8	-0.000419	± 2.5	PASS
16QAM	LCH	VN	-30	-0.74	-0.000399	± 2.5	PASS
		VN	-20	1.98	0.001069	± 2.5	PASS
		VN	-10	-1.68	-0.000907	± 2.5	PASS
		VN	0	4.71	0.002543	± 2.5	PASS
		VN	10	0	0.000000	± 2.5	PASS
		VN	20	-1.28	-0.000691	± 2.5	PASS
		VN	30	2.28	0.001231	± 2.5	PASS
		VN	40	0.98	0.000529	± 2.5	PASS
		VN	50	2.98	0.001609	± 2.5	PASS
	MCH	VN	-30	1.39	0.000739	± 2.5	PASS
		VN	-20	0.1	0.000053	± 2.5	PASS
		VN	-10	0.77	0.000410	± 2.5	PASS
		VN	0	-1.91	-0.001016	± 2.5	PASS
		VN	10	-0.8	-0.000426	± 2.5	PASS
		VN	20	3.7	0.001968	± 2.5	PASS
		VN	30	4.49	0.002388	± 2.5	PASS
		VN	40	1.81	0.000963	± 2.5	PASS
		VN	50	-0.02	-0.000011	± 2.5	PASS
	HCH	VN	-30	-0.98	-0.000514	± 2.5	PASS
		VN	-20	-1.86	-0.000975	± 2.5	PASS
		VN	-10	4.3	0.002254	± 2.5	PASS
		VN	0	1.31	0.000687	± 2.5	PASS
		VN	10	0.26	0.000136	± 2.5	PASS
		VN	20	-0.71	-0.000372	± 2.5	PASS
		VN	30	-1.4	-0.000734	± 2.5	PASS
		VN	40	4.14	0.002170	± 2.5	PASS

		VN	50	3.24	0.001699	± 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	-0.13	-0.000070	± 2.5	PASS
		VN	TN	1.96	0.001057	± 2.5	PASS
		VH	TN	4.32	0.002329	± 2.5	PASS
	MCH	VL	TN	2.88	0.001532	± 2.5	PASS
		VN	TN	4.84	0.002574	± 2.5	PASS
		VH	TN	-0.06	-0.000032	± 2.5	PASS
	HCH	VL	TN	1.66	0.000871	± 2.5	PASS
		VN	TN	-1.95	-0.001024	± 2.5	PASS
		VH	TN	2.5	0.001312	± 2.5	PASS
16QAM	LCH	VL	TN	-0.67	-0.000361	± 2.5	PASS
		VN	TN	2.88	0.001553	± 2.5	PASS
		VH	TN	2.69	0.001450	± 2.5	PASS
	MCH	VL	TN	-0.08	-0.000043	± 2.5	PASS
		VN	TN	-0.04	-0.000021	± 2.5	PASS
		VH	TN	-1.49	-0.000793	± 2.5	PASS
	HCH	VL	TN	2.62	0.001375	± 2.5	PASS
		VN	TN	-0.3	-0.000157	± 2.5	PASS
		VH	TN	2.77	0.001454	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
16QAM	LCH	VN	-30	2.57	0.001385	± 2.5	PASS
		VN	-20	-0.84	-0.000453	± 2.5	PASS
		VN	-10	0.58	0.000313	± 2.5	PASS
		VN	0	1.97	0.001062	± 2.5	PASS
		VN	10	4.82	0.002598	± 2.5	PASS
		VN	20	3.14	0.001693	± 2.5	PASS
		VN	30	-0.27	-0.000146	± 2.5	PASS
		VN	40	1.98	0.001067	± 2.5	PASS
		VN	50	1.95	0.001051	± 2.5	PASS
	MCH	VN	-30	1.88	0.001000	± 2.5	PASS
		VN	-20	-1.39	-0.000739	± 2.5	PASS
		VN	-10	2.07	0.001101	± 2.5	PASS
		VN	0	4.08	0.002170	± 2.5	PASS

		VN	10	-0.97	-0.000516	± 2.5	PASS
		VN	20	4.06	0.002160	± 2.5	PASS
		VN	30	1.16	0.000617	± 2.5	PASS
		VN	40	4.94	0.002628	± 2.5	PASS
		VN	50	-1.33	-0.000707	± 2.5	PASS
	HCH	VN	-30	0.06	0.000031	± 2.5	PASS
		VN	-20	0.31	0.000163	± 2.5	PASS
		VN	-10	0.3	0.000157	± 2.5	PASS
		VN	0	-1.31	-0.000688	± 2.5	PASS
		VN	10	-1.57	-0.000824	± 2.5	PASS
		VN	20	4.46	0.002341	± 2.5	PASS
		VN	30	3.09	0.001622	± 2.5	PASS
		VN	40	1.05	0.000551	± 2.5	PASS
		VN	50	0.58	0.000304	± 2.5	PASS
		VN	-30	4.02	0.002167	± 2.5	PASS
QPSK	LCH	VN	-20	4.99	0.002690	± 2.5	PASS
		VN	-10	3.51	0.001892	± 2.5	PASS
		VN	0	1.32	0.000712	± 2.5	PASS
		VN	10	4.79	0.002582	± 2.5	PASS
		VN	20	-1.99	-0.001073	± 2.5	PASS
		VN	30	2.03	0.001094	± 2.5	PASS
		VN	40	-1.88	-0.001013	± 2.5	PASS
		VN	50	4.66	0.002512	± 2.5	PASS
	MCH	VN	-30	1.51	0.000803	± 2.5	PASS
		VN	-20	4.37	0.002324	± 2.5	PASS
		VN	-10	4.79	0.002548	± 2.5	PASS
		VN	0	-1.42	-0.000755	± 2.5	PASS
		VN	10	1.3	0.000691	± 2.5	PASS
		VN	20	-1.17	-0.000622	± 2.5	PASS
		VN	30	3.73	0.001984	± 2.5	PASS
		VN	40	3.86	0.002053	± 2.5	PASS
		VN	50	4.41	0.002346	± 2.5	PASS
	HCH	VN	-30	2.9	0.001522	± 2.5	PASS
		VN	-20	-1.94	-0.001018	± 2.5	PASS
		VN	-10	1.64	0.000861	± 2.5	PASS
		VN	0	-0.51	-0.000268	± 2.5	PASS
		VN	10	-0.44	-0.000231	± 2.5	PASS
		VN	20	1.61	0.000845	± 2.5	PASS
		VN	30	2.69	0.001412	± 2.5	PASS
		VN	40	-0.82	-0.000430	± 2.5	PASS
		VN	50	4.5	0.002362	± 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	-1.74	-0.000937	± 2.5	PASS
		VN	TN	3.87	0.002083	± 2.5	PASS
		VH	TN	3.83	0.002062	± 2.5	PASS
	MCH	VL	TN	-0.26	-0.000138	± 2.5	PASS
		VN	TN	2.45	0.001303	± 2.5	PASS
		VH	TN	-0.54	-0.000287	± 2.5	PASS
	HCH	VL	TN	3.34	0.001756	± 2.5	PASS
		VN	TN	0.51	0.000268	± 2.5	PASS
		VH	TN	3.61	0.001898	± 2.5	PASS
16QAM	LCH	VL	TN	1.9	0.001023	± 2.5	PASS
		VN	TN	0.88	0.000474	± 2.5	PASS
		VH	TN	0.77	0.000415	± 2.5	PASS
	MCH	VL	TN	-0.42	-0.000223	± 2.5	PASS
		VN	TN	-1.35	-0.000718	± 2.5	PASS
		VH	TN	4.53	0.002410	± 2.5	PASS
	HCH	VL	TN	3.19	0.001677	± 2.5	PASS
		VN	TN	3.04	0.001598	± 2.5	PASS
		VH	TN	2.7	0.001419	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	1.97	0.001061	± 2.5	PASS
		VN	-20	2.1	0.001131	± 2.5	PASS
		VN	-10	1.69	0.000910	± 2.5	PASS
		VN	0	0.24	0.000129	± 2.5	PASS
		VN	10	2.49	0.001341	± 2.5	PASS
		VN	20	4.05	0.002180	± 2.5	PASS
		VN	30	3.84	0.002067	± 2.5	PASS
		VN	40	-0.17	-0.000092	± 2.5	PASS
		VN	50	4.95	0.002665	± 2.5	PASS
	MCH	VN	-30	1.73	0.000920	± 2.5	PASS
		VN	-20	-0.04	-0.000021	± 2.5	PASS
		VN	-10	3.41	0.001814	± 2.5	PASS
		VN	0	3.96	0.002106	± 2.5	PASS
		VN	10	0.71	0.000378	± 2.5	PASS
		VN	20	-0.11	-0.000059	± 2.5	PASS

		VN	30	4.61	0.002452	± 2.5	PASS
		VN	40	-0.02	-0.000011	± 2.5	PASS
		VN	50	4.65	0.002473	± 2.5	PASS
	HCH	VN	-30	2.43	0.001277	± 2.5	PASS
		VN	-20	-1.63	-0.000857	± 2.5	PASS
		VN	-10	3.26	0.001714	± 2.5	PASS
		VN	0	-0.21	-0.000110	± 2.5	PASS
		VN	10	1.52	0.000799	± 2.5	PASS
		VN	20	4.19	0.002202	± 2.5	PASS
		VN	30	2.91	0.001530	± 2.5	PASS
		VN	40	2.06	0.001083	± 2.5	PASS
		VN	50	-1.02	-0.000536	± 2.5	PASS
16QAM	LCH	VN	-30	-1.87	-0.001007	± 2.5	PASS
		VN	-20	0.6	0.000323	± 2.5	PASS
		VN	-10	2.97	0.001599	± 2.5	PASS
		VN	0	3.65	0.001965	± 2.5	PASS
		VN	10	4.44	0.002390	± 2.5	PASS
		VN	20	4.56	0.002455	± 2.5	PASS
		VN	30	-0.97	-0.000522	± 2.5	PASS
		VN	40	1.23	0.000662	± 2.5	PASS
		VN	50	3.65	0.001965	± 2.5	PASS
	MCH	VN	-30	-1.75	-0.000931	± 2.5	PASS
		VN	-20	2.9	0.001543	± 2.5	PASS
		VN	-10	-1.39	-0.000739	± 2.5	PASS
		VN	0	-1.46	-0.000777	± 2.5	PASS
		VN	10	-0.04	-0.000021	± 2.5	PASS
		VN	20	2.16	0.001149	± 2.5	PASS
		VN	30	-1.67	-0.000888	± 2.5	PASS
		VN	40	-1.09	-0.000580	± 2.5	PASS
		VN	50	4.18	0.002223	± 2.5	PASS
	HCH	VN	-30	0.17	0.000089	± 2.5	PASS
		VN	-20	4.5	0.002365	± 2.5	PASS
		VN	-10	-0.36	-0.000189	± 2.5	PASS
		VN	0	-0.69	-0.000363	± 2.5	PASS
		VN	10	4.86	0.002555	± 2.5	PASS
		VN	20	2.47	0.001298	± 2.5	PASS
		VN	30	4.78	0.002512	± 2.5	PASS
		VN	40	1.72	0.000904	± 2.5	PASS
		VN	50	1.35	0.000710	± 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	2.77	0.001489	± 2.5	PASS
		VN	TN	2.28	0.001226	± 2.5	PASS
		VH	TN	0.91	0.000489	± 2.5	PASS
	MCH	VL	TN	2.45	0.001303	± 2.5	PASS
		VN	TN	1.02	0.000543	± 2.5	PASS
		VH	TN	0.28	0.000149	± 2.5	PASS
	HCH	VL	TN	3.87	0.002037	± 2.5	PASS
		VN	TN	-1.41	-0.000742	± 2.5	PASS
		VH	TN	4.64	0.002442	± 2.5	PASS
16QAM	LCH	VL	TN	4.83	0.002597	± 2.5	PASS
		VN	TN	0.96	0.000516	± 2.5	PASS
		VH	TN	3.54	0.001903	± 2.5	PASS
	MCH	VL	TN	-1.03	-0.000548	± 2.5	PASS
		VN	TN	-1.3	-0.000691	± 2.5	PASS
		VH	TN	4	0.002128	± 2.5	PASS
	HCH	VL	TN	0.38	0.000200	± 2.5	PASS
		VN	TN	0.52	0.000274	± 2.5	PASS
		VH	TN	-0.67	-0.000353	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	3.97	0.002134	± 2.5	PASS
		VN	-20	-0.44	-0.000237	± 2.5	PASS
		VN	-10	0.31	0.000167	± 2.5	PASS
		VN	0	3.84	0.002065	± 2.5	PASS
		VN	10	0.56	0.000301	± 2.5	PASS
		VN	20	3.32	0.001785	± 2.5	PASS
		VN	30	3.67	0.001973	± 2.5	PASS
		VN	40	-0.46	-0.000247	± 2.5	PASS
		VN	50	3.87	0.002081	± 2.5	PASS
	MCH	VN	-30	2.3	0.001223	± 2.5	PASS
		VN	-20	3.17	0.001686	± 2.5	PASS
		VN	-10	2.09	0.001112	± 2.5	PASS
		VN	0	0.73	0.000388	± 2.5	PASS
		VN	10	-0.74	-0.000394	± 2.5	PASS
		VN	20	0.09	0.000048	± 2.5	PASS

		VN	30	0.67	0.000356	± 2.5	PASS
		VN	40	2.6	0.001383	± 2.5	PASS
		VN	50	0.05	0.000027	± 2.5	PASS
	HCH	VN	-30	-0.18	-0.000095	± 2.5	PASS
		VN	-20	1.08	0.000568	± 2.5	PASS
		VN	-10	-0.12	-0.000063	± 2.5	PASS
		VN	0	0.57	0.000300	± 2.5	PASS
		VN	10	0.5	0.000263	± 2.5	PASS
		VN	20	4.89	0.002574	± 2.5	PASS
		VN	30	3.91	0.002058	± 2.5	PASS
		VN	40	0.34	0.000179	± 2.5	PASS
		VN	50	1.66	0.000874	± 2.5	PASS
16QAM	LCH	VN	-30	0.53	0.000285	± 2.5	PASS
		VN	-20	-1.08	-0.000581	± 2.5	PASS
		VN	-10	4.09	0.002199	± 2.5	PASS
		VN	0	1.72	0.000925	± 2.5	PASS
		VN	10	1.81	0.000973	± 2.5	PASS
		VN	20	3.79	0.002038	± 2.5	PASS
		VN	30	-1.03	-0.000554	± 2.5	PASS
		VN	40	1.79	0.000962	± 2.5	PASS
		VN	50	1.08	0.000581	± 2.5	PASS
	MCH	VN	-30	2.04	0.001085	± 2.5	PASS
		VN	-20	-1.84	-0.000979	± 2.5	PASS
		VN	-10	1.43	0.000761	± 2.5	PASS
		VN	0	-1.8	-0.000957	± 2.5	PASS
		VN	10	-0.76	-0.000404	± 2.5	PASS
		VN	20	-0.77	-0.000410	± 2.5	PASS
		VN	30	-0.55	-0.000293	± 2.5	PASS
		VN	40	0.99	0.000527	± 2.5	PASS
		VN	50	4.47	0.002378	± 2.5	PASS
	HCH	VN	-30	-0.99	-0.000521	± 2.5	PASS
		VN	-20	3.39	0.001784	± 2.5	PASS
		VN	-10	4.55	0.002395	± 2.5	PASS
		VN	0	-1.74	-0.000916	± 2.5	PASS
		VN	10	1.79	0.000942	± 2.5	PASS
		VN	20	4.52	0.002379	± 2.5	PASS
		VN	30	2.54	0.001337	± 2.5	PASS
		VN	40	3.99	0.002100	± 2.5	PASS
		VN	50	0.07	0.000037	± 2.5	PASS