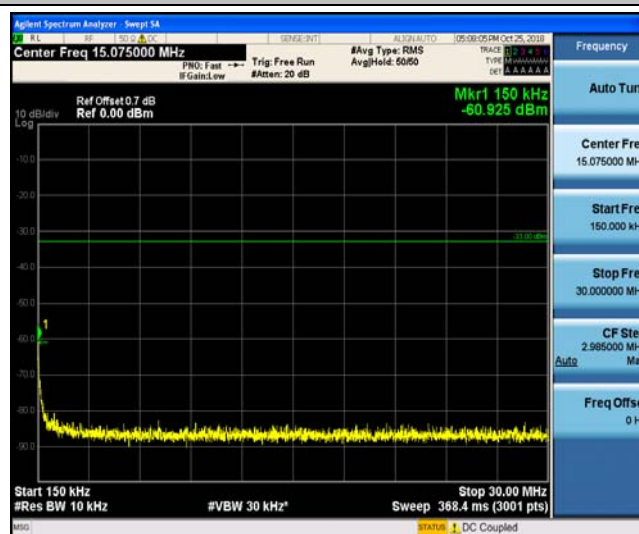




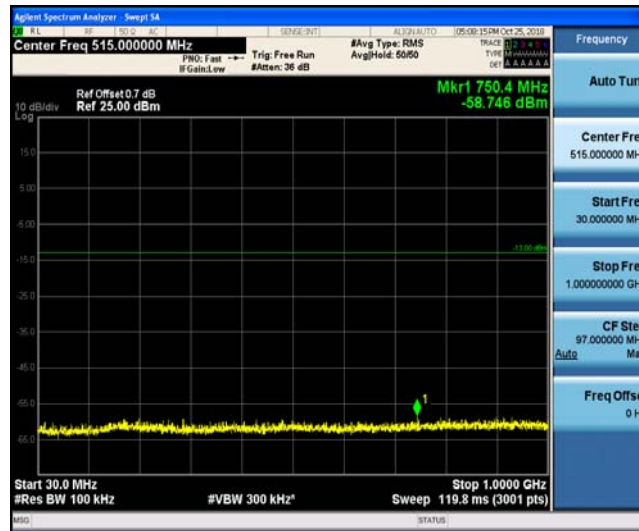
Band2_5MHz_16QAM_18900_1RB#0



Band2_5MHz_16QAM_18900_1RB#0



Band2_5MHz_16QAM_18900_1RB#0



Band2_5MHz_16QAM_18900_1RB#0



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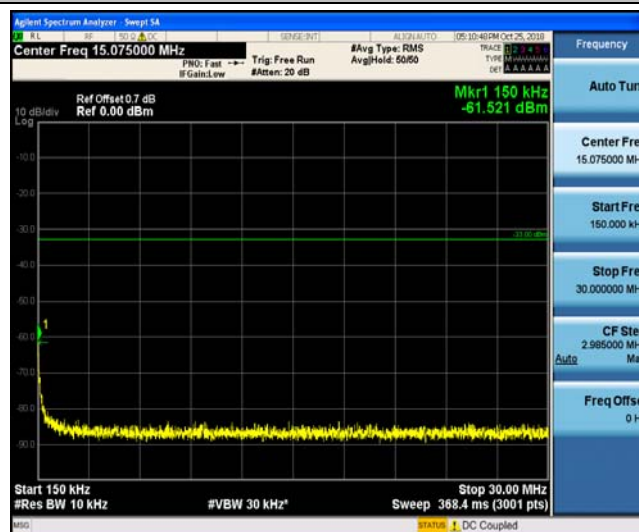
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Band2_5MHz_16QAM_19175_1RB#0



Band2_5MHz_16QAM_19175_1RB#0



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Band2_5MHz_16QAM_19175_1RB#0



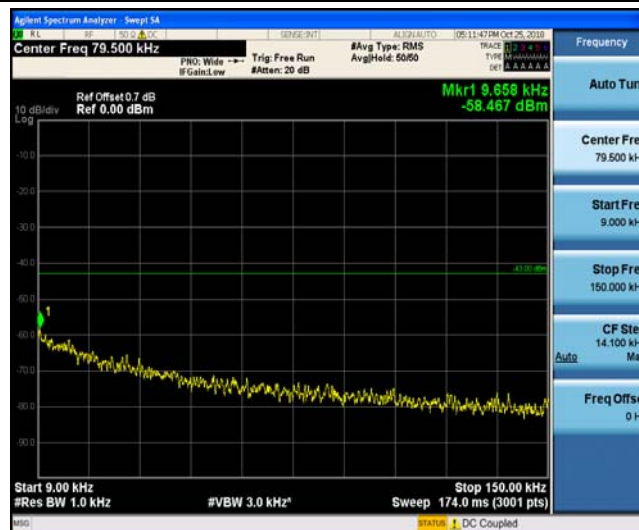
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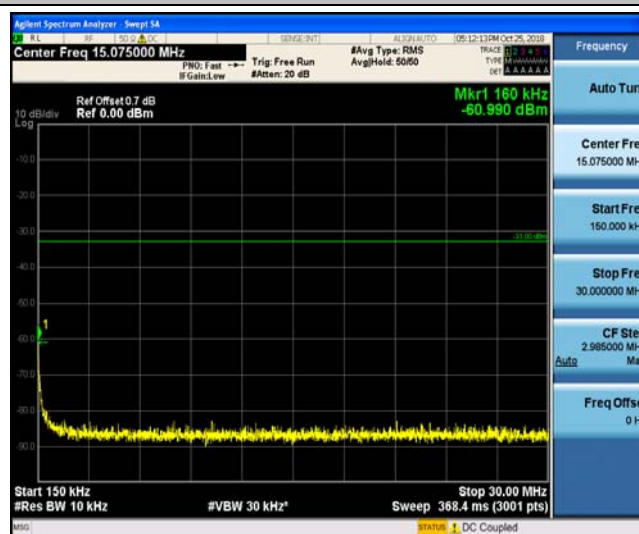
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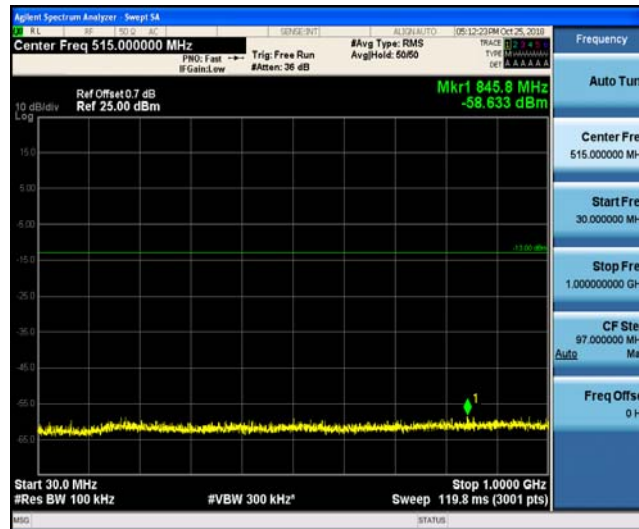
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Band2_10MHz_QPSK_18650_1RB#0



Band2_10MHz_QPSK_18650_1RB#0



Band2_10MHz_QPSK_18650_1RB#0



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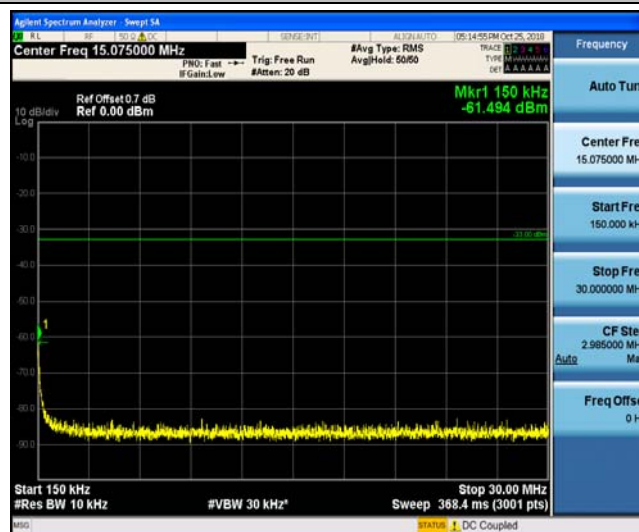
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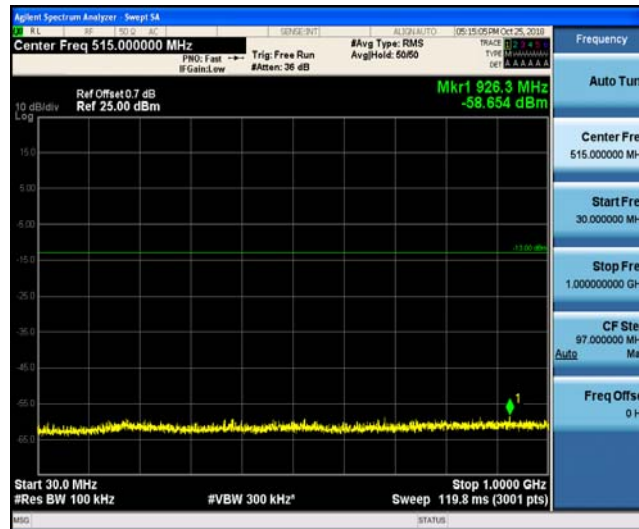
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Band2_10MHz_QPSK_18900_1RB#0



Band2_10MHz_QPSK_18900_1RB#0



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Band2_10MHz_QPSK_18900_1RB#0



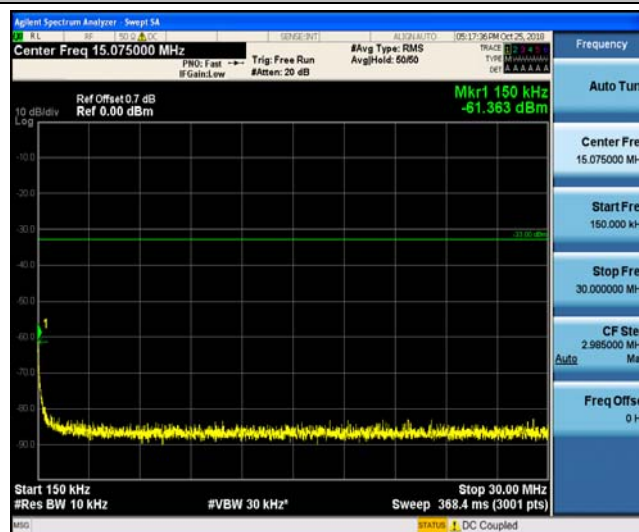
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Band2_10MHz_QPSK_19150_1RB#0



Band2_10MHz_QPSK_19150_1RB#0



Band2_10MHz_QPSK_19150_1RB#0



Band2_10MHz_QPSK_19150_1RB#0



Band2_10MHz_QPSK_19150_1RB#0



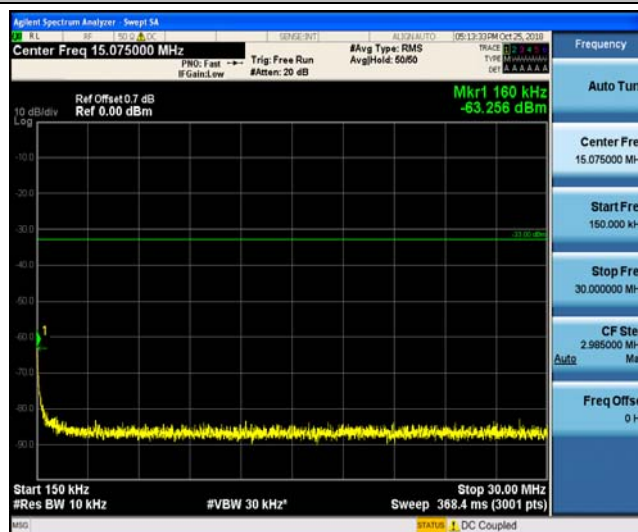
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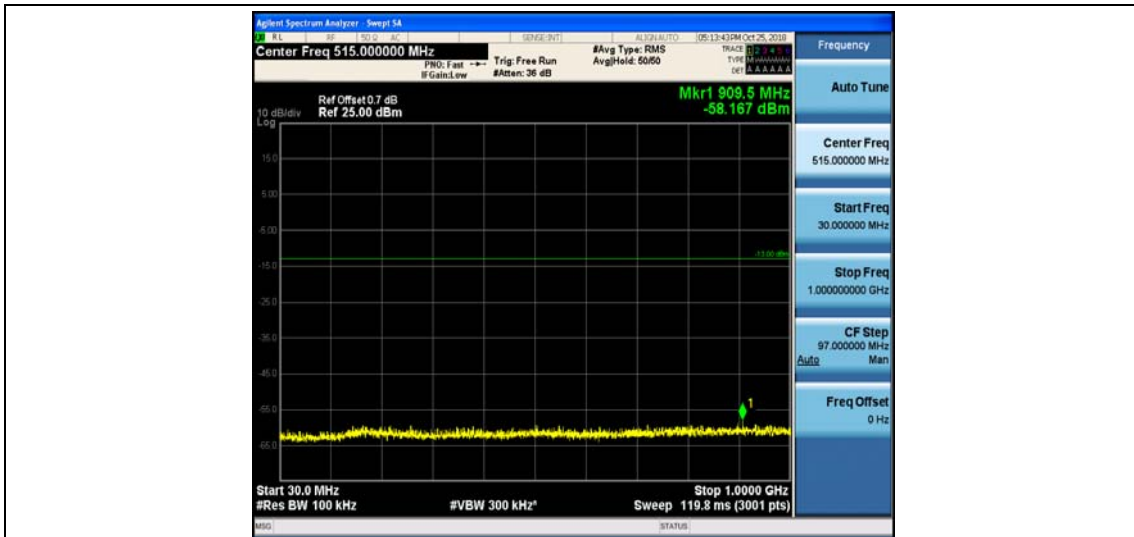
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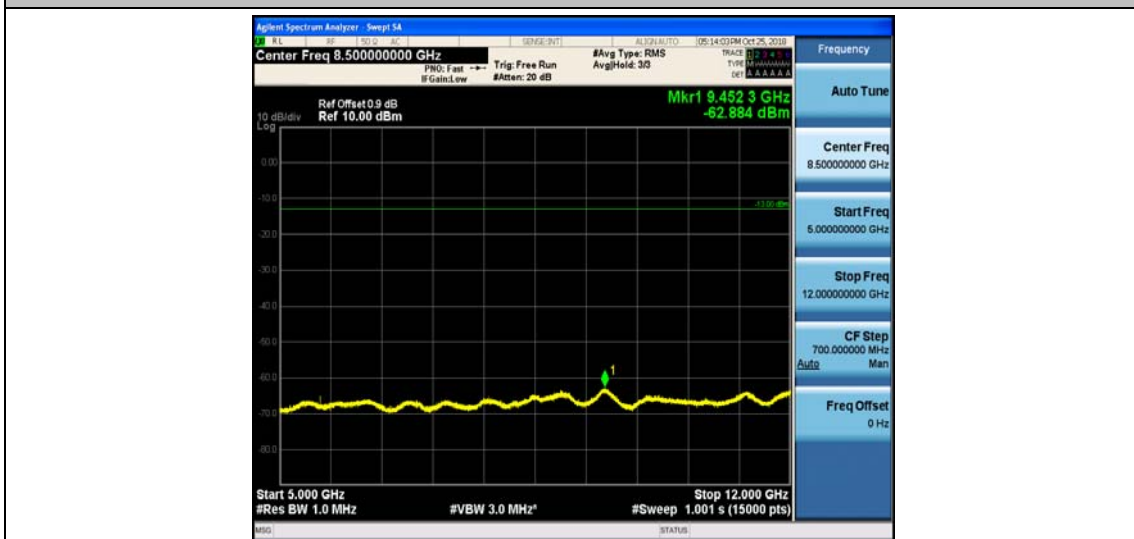
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Band2_10MHz_16QAM_18650_1RB#0



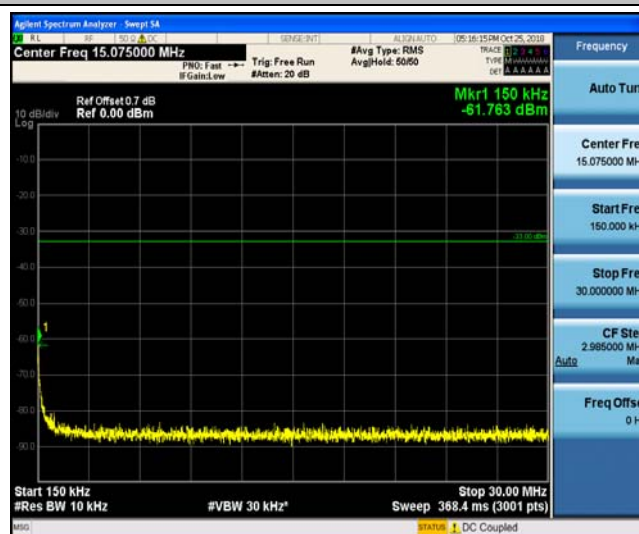
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Band2_10MHz_16QAM_18900_1RB#0



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Band2_10MHz_16QAM_18900_1RB#0



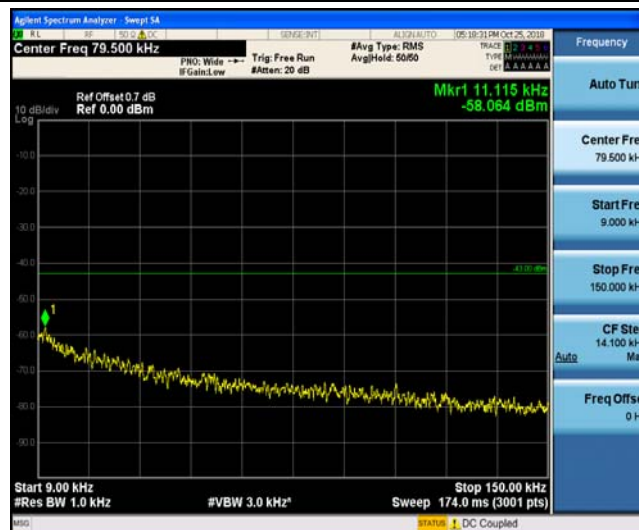
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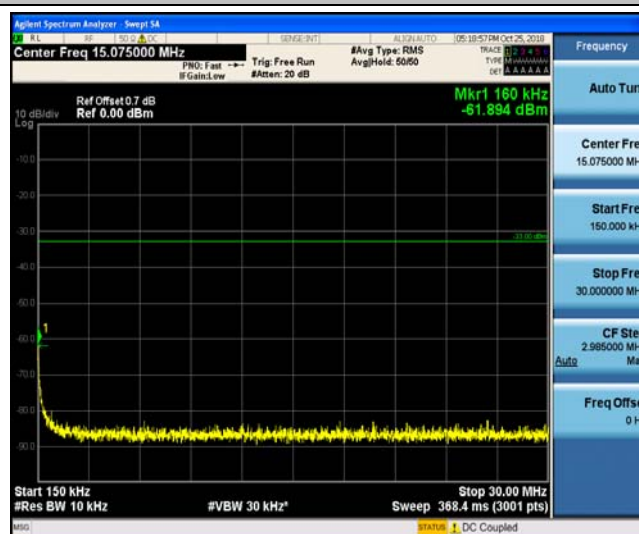
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Band2_10MHz_16QAM_19150_1RB#0



Band2_10MHz_16QAM_19150_1RB#0



Band2_10MHz_16QAM_19150_1RB#0



Band2_10MHz_16QAM_19150_1RB#0



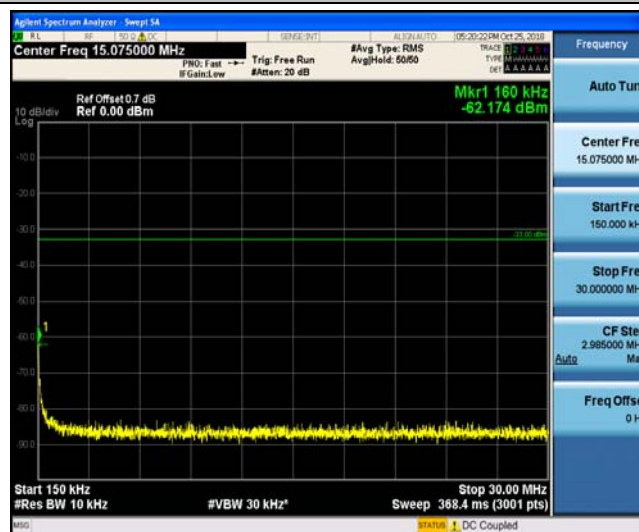
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Band2_15MHz_QPSK_18675_1RB#0



Band2_15MHz_QPSK_18675_1RB#0



Band2_15MHz_QPSK_18675_1RB#0



Band2_15MHz_QPSK_18675_1RB#0



Band2_15MHz_QPSK_18675_1RB#0



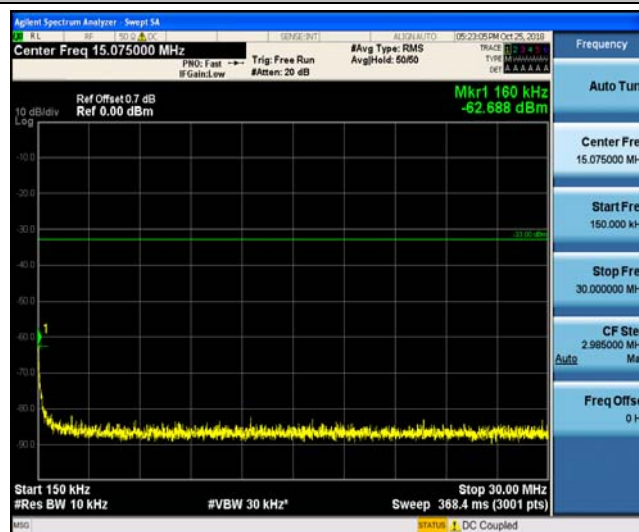
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Band2_15MHz_QPSK_18900_1RB#0



Band2_15MHz_QPSK_18900_1RB#0



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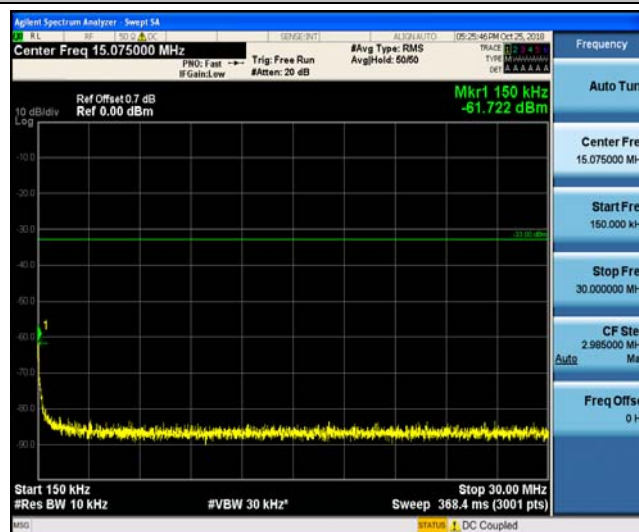
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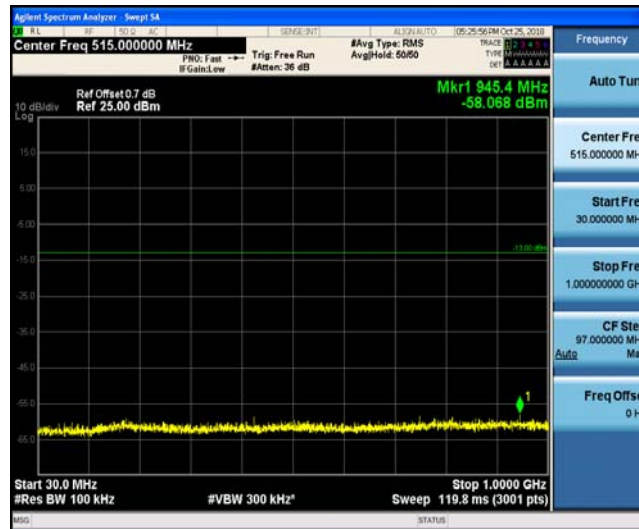
Band2_15MHz_QPSK_19125_1RB#0



Band2_15MHz_QPSK_19125_1RB#0



Band2_15MHz_QPSK_19125_1RB#0



Band2_15MHz_QPSK_19125_1RB#0



Band2_15MHz_QPSK_19125_1RB#0



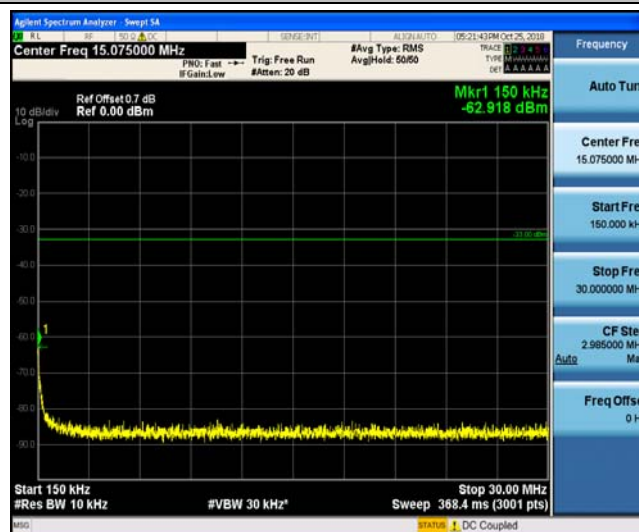
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Band2_15MHz_16QAM_18675_1RB#0



Band2_15MHz_16QAM_18675_1RB#0



Band2_15MHz_16QAM_18675_1RB#0



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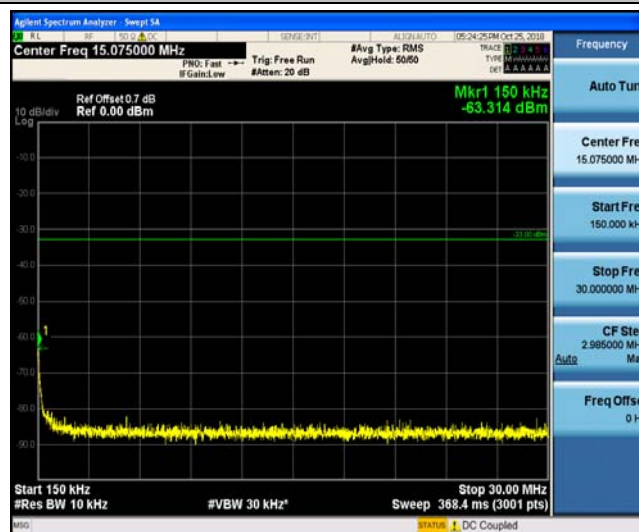
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Band2_15MHz_16QAM_18900_1RB#0



Band2_15MHz_16QAM_18900_1RB#0



Band2_15MHz_16QAM_18900_1RB#0



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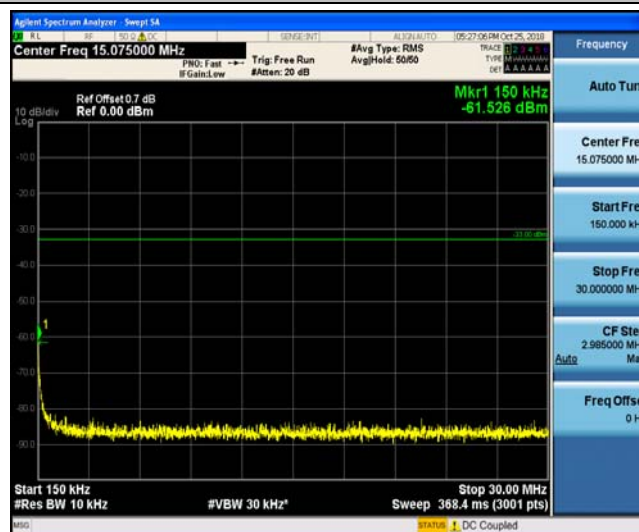
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Band2_15MHz_16QAM_19125_1RB#0



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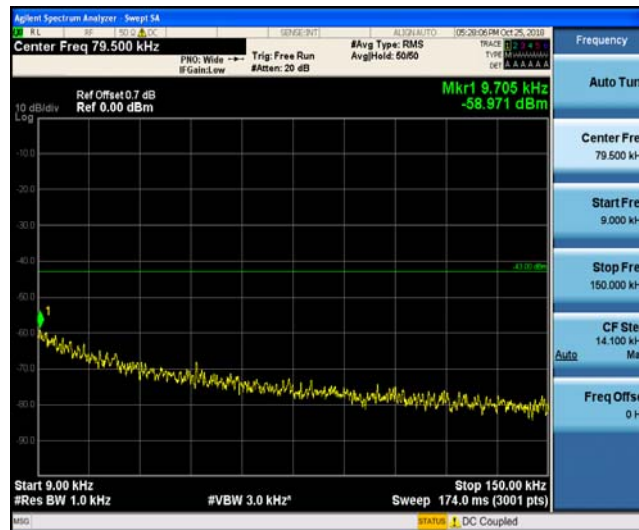
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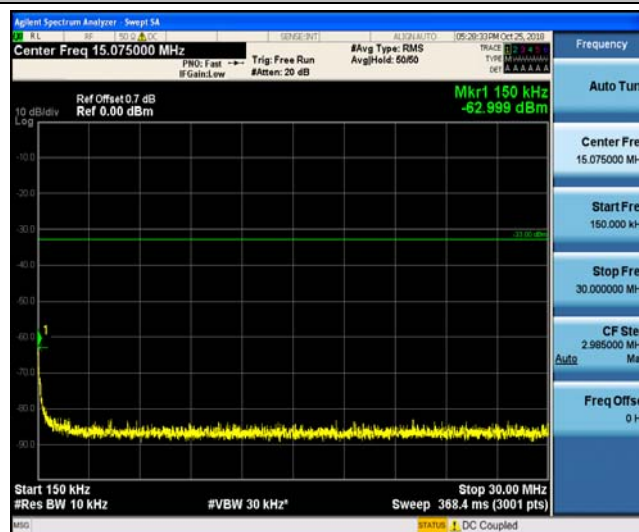
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Band2_20MHz_QPSK_18700_1RB#0



Band2_20MHz_QPSK_18700_1RB#0



Band2_20MHz_QPSK_18700_1RB#0



Band2_20MHz_QPSK_18700_1RB#0



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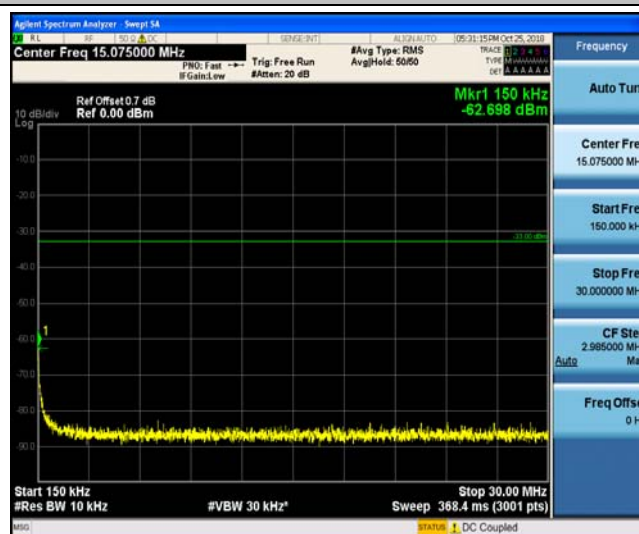
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Band2_20MHz_QPSK_18900_1RB#0



Band2_20MHz_QPSK_18900_1RB#0



Band2_20MHz_QPSK_18900_1RB#0



Band2_20MHz_QPSK_18900_1RB#0



Band2_20MHz_QPSK_18900_1RB#0



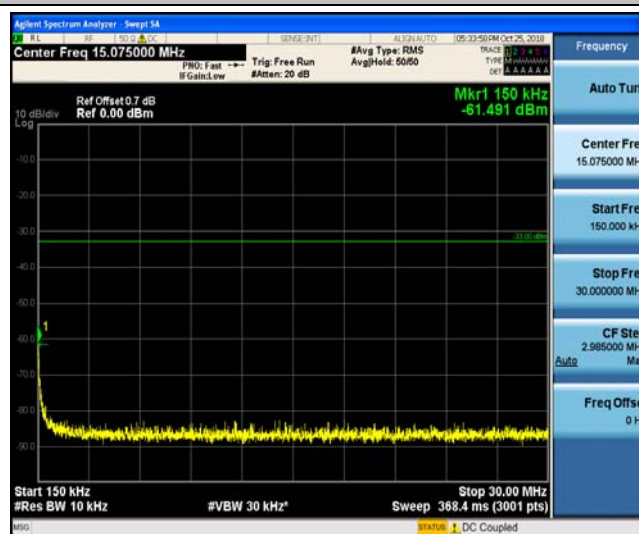
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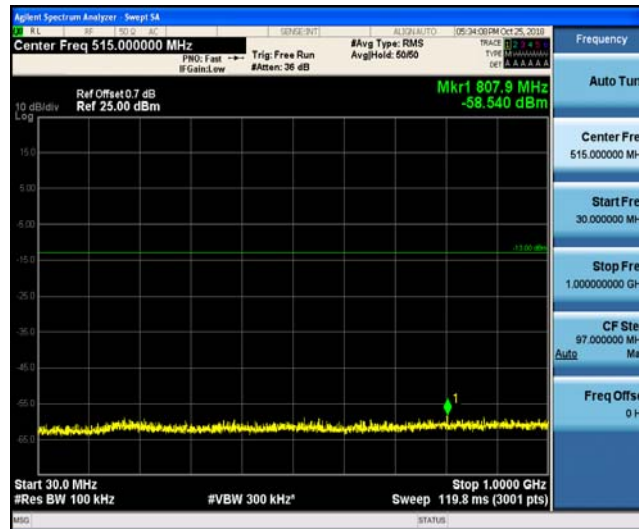
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Band2_20MHz_QPSK_19100_1RB#0



Band2_20MHz_QPSK_19100_1RB#0



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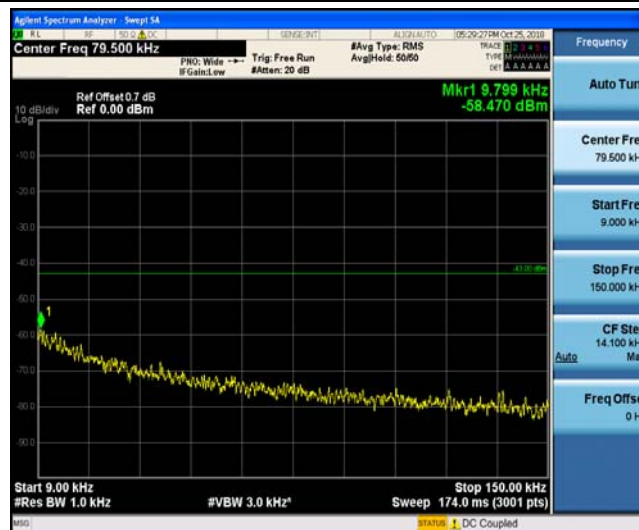
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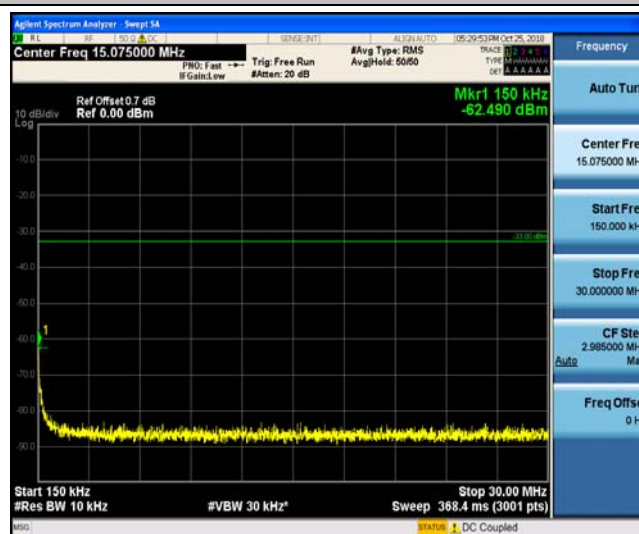
Band2_20MHz_QPSK_19100_1RB#0



Band2_20MHz_16QAM_18700_1RB#0



Band2_20MHz_16QAM_18700_1RB#0



Band2_20MHz_16QAM_18700_1RB#0



Band2_20MHz_16QAM_18700_1RB#0



Band2_20MHz_16QAM_18700_1RB#0



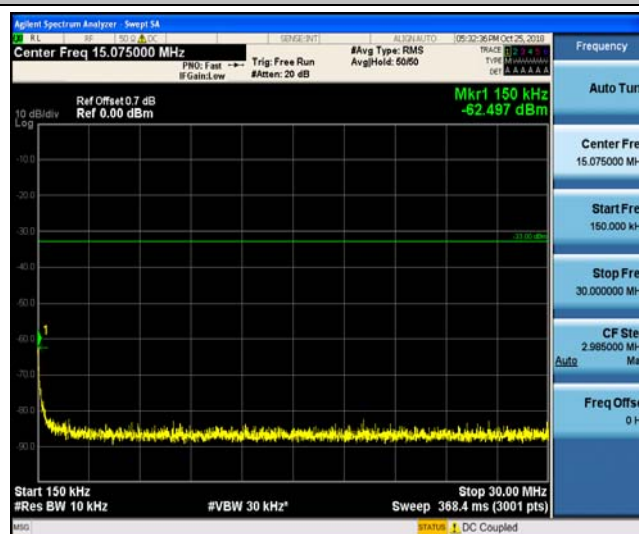
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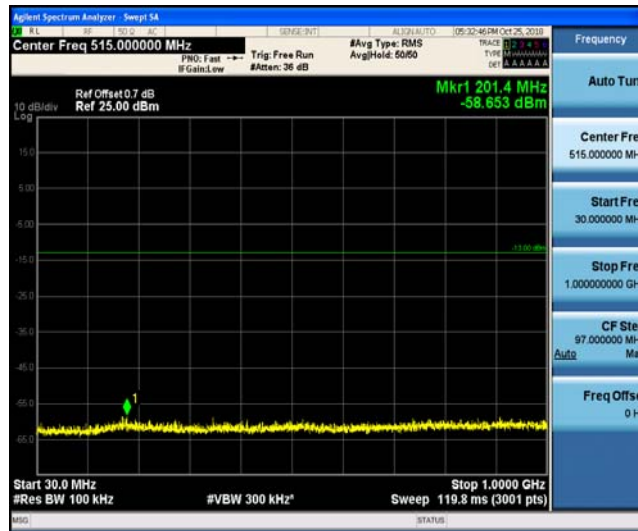
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Band2_20MHz_16QAM_18900_1RB#0



Band2_20MHz_16QAM_18900_1RB#0



Band2_20MHz_16QAM_18900_1RB#0



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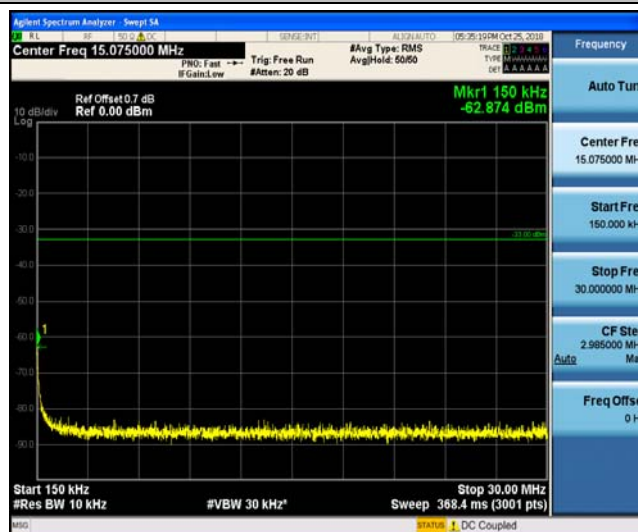
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Band2_20MHz_16QAM_19100_1RB#0



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	-1.15	-0.000621	± 2.5	PASS
		VN	TN	0.32	0.000173	± 2.5	PASS
		VH	TN	1.28	0.000692	± 2.5	PASS
	MCH	VL	TN	-1.93	-0.001027	± 2.5	PASS
		VN	TN	0.49	0.000261	± 2.5	PASS
		VH	TN	-1.67	-0.000888	± 2.5	PASS
	HCH	VL	TN	-1.99	-0.001042	± 2.5	PASS
		VN	TN	0.17	0.000089	± 2.5	PASS
		VH	TN	4.36	0.002284	± 2.5	PASS
16QAM	LCH	VL	TN	2.27	0.001227	± 2.5	PASS
		VN	TN	-1.25	-0.000675	± 2.5	PASS
		VH	TN	2.16	0.001167	± 2.5	PASS
	MCH	VL	TN	1.86	0.000989	± 2.5	PASS
		VN	TN	-0.25	-0.000133	± 2.5	PASS
		VH	TN	1.44	0.000766	± 2.5	PASS
	HCH	VL	TN	-0.5	-0.000262	± 2.5	PASS
		VN	TN	2.14	0.001121	± 2.5	PASS
		VH	TN	-0.24	-0.000126	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	0.002567	0.002567	± 2.5	PASS
		VN	-20	-0.000540	-0.000540	± 2.5	PASS
		VN	-10	0.001751	0.001751	± 2.5	PASS
		VN	0	0.000043	0.000043	± 2.5	PASS
		VN	10	0.001156	0.001156	± 2.5	PASS
		VN	20	0.002102	0.002102	± 2.5	PASS
		VN	30	0.001578	0.001578	± 2.5	PASS
		VN	40	0.000043	0.000043	± 2.5	PASS
		VN	50	-0.001054	-0.001054	± 2.5	PASS
	MCH	VN	-30	0.001277	0.001277	± 2.5	PASS
		VN	-20	0.002250	0.002250	± 2.5	PASS

		VN	-10	0.001468	0.001468	± 2.5	PASS
		VN	0	0.000718	0.000718	± 2.5	PASS
		VN	10	-0.000548	-0.000548	± 2.5	PASS
		VN	20	0.000027	0.000027	± 2.5	PASS
		VN	30	0.000670	0.000670	± 2.5	PASS
		VN	40	0.001856	0.001856	± 2.5	PASS
		VN	50	-0.000926	-0.000926	± 2.5	PASS
	HCH	VN	-30	-0.000429	-0.000429	± 2.5	PASS
		VN	-20	0.001021	0.001021	± 2.5	PASS
		VN	-10	0.000210	0.000210	± 2.5	PASS
		VN	0	0.000262	0.000262	± 2.5	PASS
		VN	10	0.000639	0.000639	± 2.5	PASS
		VN	20	-0.000236	-0.000236	± 2.5	PASS
		VN	30	0.001367	0.001367	± 2.5	PASS
		VN	40	0.000822	0.000822	± 2.5	PASS
		VN	50	0.001634	0.001634	± 2.5	PASS
16QAM	LCH	VN	-30	0.000611	0.000611	± 2.5	PASS
		VN	-20	0.000297	0.000297	± 2.5	PASS
		VN	-10	-0.000675	-0.000675	± 2.5	PASS
		VN	0	-0.000357	-0.000357	± 2.5	PASS
		VN	10	0.001394	0.001394	± 2.5	PASS
		VN	20	-0.001054	-0.001054	± 2.5	PASS
		VN	30	0.002329	0.002329	± 2.5	PASS
		VN	40	0.001394	0.001394	± 2.5	PASS
		VN	50	-0.001037	-0.001037	± 2.5	PASS
	MCH	VN	-30	-0.000378	-0.000378	± 2.5	PASS
		VN	-20	0.002202	0.002202	± 2.5	PASS
		VN	-10	0.002559	0.002559	± 2.5	PASS
		VN	0	-0.000809	-0.000809	± 2.5	PASS
		VN	10	0.000213	0.000213	± 2.5	PASS
		VN	20	0.000202	0.000202	± 2.5	PASS
		VN	30	0.001569	0.001569	± 2.5	PASS
		VN	40	0.000048	0.000048	± 2.5	PASS
		VN	50	0.002484	0.002484	± 2.5	PASS
	HCH	VN	-30	-0.000885	-0.000885	± 2.5	PASS
		VN	-20	-0.000367	-0.000367	± 2.5	PASS
		VN	-10	0.000450	0.000450	± 2.5	PASS
		VN	0	-0.000084	-0.000084	± 2.5	PASS
		VN	10	0.000257	0.000257	± 2.5	PASS
		VN	20	0.000314	0.000314	± 2.5	PASS
		VN	30	-0.000450	-0.000450	± 2.5	PASS

		VN	40	0.002483	0.002483	± 2.5	PASS
		VN	50	0.000943	0.000943	± 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	3.19	0.001723	± 2.5	PASS
		VN	TN	4.37	0.002360	± 2.5	PASS
		VH	TN	-1.35	-0.000729	± 2.5	PASS
	MCH	VL	TN	4.71	0.002505	± 2.5	PASS
		VN	TN	4.95	0.002633	± 2.5	PASS
		VH	TN	-1.89	-0.001005	± 2.5	PASS
	HCH	VL	TN	4.93	0.002583	± 2.5	PASS
		VN	TN	3.41	0.001787	± 2.5	PASS
		VH	TN	-0.2	-0.000105	± 2.5	PASS
16QAM	LCH	VL	TN	1.43	0.000772	± 2.5	PASS
		VN	TN	0.85	0.000459	± 2.5	PASS
		VH	TN	0.07	0.000038	± 2.5	PASS
	MCH	VL	TN	-1.17	-0.000622	± 2.5	PASS
		VN	TN	3.85	0.002048	± 2.5	PASS
		VH	TN	1.79	0.000952	± 2.5	PASS
	HCH	VL	TN	-0.62	-0.000325	± 2.5	PASS
		VN	TN	4	0.002096	± 2.5	PASS
		VH	TN	2.8	0.001467	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-0.7	-0.000378	± 2.5	PASS
		VN	-20	-1.6	-0.000864	± 2.5	PASS
		VN	-10	0	0.000000	± 2.5	PASS
		VN	0	-1.94	-0.001048	± 2.5	PASS
		VN	10	0.68	0.000367	± 2.5	PASS
		VN	20	3.1	0.001674	± 2.5	PASS
		VN	30	-0.47	-0.000254	± 2.5	PASS
		VN	40	4.81	0.002598	± 2.5	PASS
		VN	50	4.21	0.002274	± 2.5	PASS
	MCH	VN	-30	4.21	0.002239	± 2.5	PASS
		VN	-20	1.69	0.000899	± 2.5	PASS
		VN	-10	-1.31	-0.000697	± 2.5	PASS

		VN	0	3.06	0.001628	± 2.5	PASS
		VN	10	1.99	0.001059	± 2.5	PASS
		VN	20	-1.17	-0.000622	± 2.5	PASS
		VN	30	4.85	0.002580	± 2.5	PASS
		VN	40	0.17	0.000090	± 2.5	PASS
		VN	50	2.43	0.001293	± 2.5	PASS
	HCH	VN	-30	-1.52	-0.000796	± 2.5	PASS
		VN	-20	1.27	0.000665	± 2.5	PASS
		VN	-10	3.36	0.001761	± 2.5	PASS
		VN	0	0.97	0.000508	± 2.5	PASS
		VN	10	0.46	0.000241	± 2.5	PASS
		VN	20	2.54	0.001331	± 2.5	PASS
		VN	30	3.83	0.002007	± 2.5	PASS
		VN	40	2.2	0.001153	± 2.5	PASS
		VN	50	-0.77	-0.000403	± 2.5	PASS
16QAM	LCH	VN	-30	-1.6	-0.000864	± 2.5	PASS
		VN	-20	1.32	0.000713	± 2.5	PASS
		VN	-10	-0.07	-0.000038	± 2.5	PASS
		VN	0	0.04	0.000022	± 2.5	PASS
		VN	10	0.63	0.000340	± 2.5	PASS
		VN	20	3.01	0.001626	± 2.5	PASS
		VN	30	4.61	0.002490	± 2.5	PASS
		VN	40	1.26	0.000681	± 2.5	PASS
		VN	50	2.92	0.001577	± 2.5	PASS
	MCH	VN	-30	-1.81	-0.000963	± 2.5	PASS
		VN	-20	4.28	0.002277	± 2.5	PASS
		VN	-10	-1.65	-0.000878	± 2.5	PASS
		VN	0	4.01	0.002133	± 2.5	PASS
		VN	10	-0.77	-0.000410	± 2.5	PASS
		VN	20	-1.97	-0.001048	± 2.5	PASS
		VN	30	-0.92	-0.000489	± 2.5	PASS
		VN	40	1.4	0.000745	± 2.5	PASS
		VN	50	2.87	0.001527	± 2.5	PASS
	HCH	VN	-30	1.7	0.000891	± 2.5	PASS
		VN	-20	0.04	0.000021	± 2.5	PASS
		VN	-10	3.87	0.002028	± 2.5	PASS
		VN	0	4.27	0.002237	± 2.5	PASS
		VN	10	3.5	0.001834	± 2.5	PASS
		VN	20	4.48	0.002347	± 2.5	PASS
		VN	30	2.01	0.001053	± 2.5	PASS
		VN	40	3.42	0.001792	± 2.5	PASS

		VN	50	2.05	0.001074	± 2.5	PASS
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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	0.26	0.000140	± 2.5	PASS
		VN	TN	-1.49	-0.000804	± 2.5	PASS
		VH	TN	2.85	0.001538	± 2.5	PASS
	MCH	VL	TN	0.04	0.000021	± 2.5	PASS
		VN	TN	2.65	0.001410	± 2.5	PASS
		VH	TN	4.68	0.002489	± 2.5	PASS
	HCH	VL	TN	1.33	0.000697	± 2.5	PASS
		VN	TN	3.53	0.001851	± 2.5	PASS
		VH	TN	1.36	0.000713	± 2.5	PASS
16QAM	LCH	VL	TN	1.54	0.000831	± 2.5	PASS
		VN	TN	1.46	0.000788	± 2.5	PASS
		VH	TN	3.89	0.002100	± 2.5	PASS
	MCH	VL	TN	1.46	0.000777	± 2.5	PASS
		VN	TN	2.12	0.001128	± 2.5	PASS
		VH	TN	-0.03	-0.000016	± 2.5	PASS
	HCH	VL	TN	-1.16	-0.000608	± 2.5	PASS
		VN	TN	0.78	0.000409	± 2.5	PASS
		VH	TN	2.76	0.001447	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	1.58	0.000853	± 2.5	PASS
		VN	-20	0.07	0.000038	± 2.5	PASS
		VN	-10	1.54	0.000831	± 2.5	PASS
		VN	0	-1.46	-0.000788	± 2.5	PASS
		VN	10	-1.74	-0.000939	± 2.5	PASS
		VN	20	0.72	0.000389	± 2.5	PASS
		VN	30	0.59	0.000318	± 2.5	PASS
		VN	40	4.17	0.002251	± 2.5	PASS
		VN	50	-0.93	-0.000502	± 2.5	PASS
	MCH	VN	-30	4.12	0.002191	± 2.5	PASS
		VN	-20	3.24	0.001723	± 2.5	PASS
		VN	-10	0.53	0.000282	± 2.5	PASS
		VN	0	-0.09	-0.000048	± 2.5	PASS

		VN	10	2.53	0.001346	± 2.5	PASS
		VN	20	1.41	0.000750	± 2.5	PASS
		VN	30	-1.49	-0.000793	± 2.5	PASS
		VN	40	1.75	0.000931	± 2.5	PASS
		VN	50	1.38	0.000734	± 2.5	PASS
	HCH	VN	-30	4.11	0.002155	± 2.5	PASS
		VN	-20	2.32	0.001216	± 2.5	PASS
		VN	-10	1.08	0.000566	± 2.5	PASS
		VN	0	-0.91	-0.000477	± 2.5	PASS
		VN	10	1.6	0.000839	± 2.5	PASS
		VN	20	3.18	0.001667	± 2.5	PASS
		VN	30	2.01	0.001054	± 2.5	PASS
		VN	40	-0.96	-0.000503	± 2.5	PASS
		VN	50	2.79	0.001463	± 2.5	PASS
		VN	-30	2.83	0.001528	± 2.5	PASS
16QAM	LCH	VN	-20	-1.12	-0.000605	± 2.5	PASS
		VN	-10	-1.2	-0.000648	± 2.5	PASS
		VN	0	4.3	0.002321	± 2.5	PASS
		VN	10	2.97	0.001603	± 2.5	PASS
		VN	20	1.34	0.000723	± 2.5	PASS
		VN	30	3.59	0.001938	± 2.5	PASS
		VN	40	-1.57	-0.000848	± 2.5	PASS
		VN	50	4.79	0.002586	± 2.5	PASS
	MCH	VN	-30	0.74	0.000394	± 2.5	PASS
		VN	-20	-1.14	-0.000606	± 2.5	PASS
		VN	-10	-1.68	-0.000894	± 2.5	PASS
		VN	0	0.84	0.000447	± 2.5	PASS
		VN	10	-0.84	-0.000447	± 2.5	PASS
		VN	20	1.58	0.000840	± 2.5	PASS
		VN	30	-1.46	-0.000777	± 2.5	PASS
		VN	40	-0.73	-0.000388	± 2.5	PASS
		VN	50	2.65	0.001410	± 2.5	PASS
	HCH	VN	-30	1.85	0.000970	± 2.5	PASS
		VN	-20	2.64	0.001384	± 2.5	PASS
		VN	-10	-0.23	-0.000121	± 2.5	PASS
		VN	0	0.93	0.000488	± 2.5	PASS
		VN	10	3.23	0.001693	± 2.5	PASS
		VN	20	-0.77	-0.000404	± 2.5	PASS
		VN	30	2.25	0.001180	± 2.5	PASS
		VN	40	3.81	0.001997	± 2.5	PASS
		VN	50	-0.36	-0.000189	± 2.5	PASS

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	-1.11	-0.000598	± 2.5	PASS
		VN	TN	-0.13	-0.000070	± 2.5	PASS
		VH	TN	-1.03	-0.000555	± 2.5	PASS
	MCH	VL	TN	-0.14	-0.000074	± 2.5	PASS
		VN	TN	2.22	0.001181	± 2.5	PASS
		VH	TN	3.33	0.001771	± 2.5	PASS
	HCH	VL	TN	1.27	0.000667	± 2.5	PASS
		VN	TN	0.4	0.000210	± 2.5	PASS
		VH	TN	2.21	0.001160	± 2.5	PASS
16QAM	LCH	VL	TN	1.82	0.000981	± 2.5	PASS
		VN	TN	4.16	0.002243	± 2.5	PASS
		VH	TN	3.26	0.001757	± 2.5	PASS
	MCH	VL	TN	-1.52	-0.000809	± 2.5	PASS
		VN	TN	2.76	0.001468	± 2.5	PASS
		VH	TN	3.96	0.002106	± 2.5	PASS
	HCH	VL	TN	0.14	0.000073	± 2.5	PASS
		VN	TN	3.79	0.001990	± 2.5	PASS
		VH	TN	3.26	0.001711	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	1.64	0.000884	± 2.5	PASS
		VN	-20	-1.25	-0.000674	± 2.5	PASS
		VN	-10	4.54	0.002447	± 2.5	PASS
		VN	0	-0.3	-0.000162	± 2.5	PASS
		VN	10	1.44	0.000776	± 2.5	PASS
		VN	20	-1.37	-0.000739	± 2.5	PASS
		VN	30	-1.69	-0.000911	± 2.5	PASS
		VN	40	4.92	0.002652	± 2.5	PASS
		VN	50	2.57	0.001385	± 2.5	PASS
	MCH	VN	-30	3.17	0.001686	± 2.5	PASS
		VN	-20	0.35	0.000186	± 2.5	PASS
		VN	-10	-0.25	-0.000133	± 2.5	PASS
		VN	0	-0.97	-0.000516	± 2.5	PASS
		VN	10	4.74	0.002521	± 2.5	PASS
		VN	20	2.05	0.001090	± 2.5	PASS

		VN	30	-0.02	-0.000011	± 2.5	PASS
		VN	40	0.08	0.000043	± 2.5	PASS
		VN	50	1.67	0.000888	± 2.5	PASS
	HCH	VN	-30	1.58	0.000829	± 2.5	PASS
		VN	-20	4.22	0.002215	± 2.5	PASS
		VN	-10	-1.99	-0.001045	± 2.5	PASS
		VN	0	1.58	0.000829	± 2.5	PASS
		VN	10	3.67	0.001927	± 2.5	PASS
		VN	20	0.08	0.000042	± 2.5	PASS
		VN	30	1.38	0.000724	± 2.5	PASS
		VN	40	-0.75	-0.000394	± 2.5	PASS
		VN	50	3.15	0.001654	± 2.5	PASS
16QAM	LCH	VN	-30	3.68	0.001984	± 2.5	PASS
		VN	-20	0.23	0.000124	± 2.5	PASS
		VN	-10	4.11	0.002216	± 2.5	PASS
		VN	0	-1.97	-0.001062	± 2.5	PASS
		VN	10	2.26	0.001218	± 2.5	PASS
		VN	20	-1.9	-0.001024	± 2.5	PASS
		VN	30	-0.7	-0.000377	± 2.5	PASS
		VN	40	-1.97	-0.001062	± 2.5	PASS
		VN	50	0.11	0.000059	± 2.5	PASS
	MCH	VN	-30	0.58	0.000309	± 2.5	PASS
		VN	-20	4.56	0.002426	± 2.5	PASS
		VN	-10	4.15	0.002207	± 2.5	PASS
		VN	0	2.56	0.001362	± 2.5	PASS
		VN	10	-1.34	-0.000713	± 2.5	PASS
		VN	20	0.74	0.000394	± 2.5	PASS
		VN	30	-0.82	-0.000436	± 2.5	PASS
		VN	40	1.79	0.000952	± 2.5	PASS
		VN	50	2.3	0.001223	± 2.5	PASS
	HCH	VN	-30	-0.36	-0.000189	± 2.5	PASS
		VN	-20	1.64	0.000861	± 2.5	PASS
		VN	-10	0.13	0.000068	± 2.5	PASS
		VN	0	-1.94	-0.001018	± 2.5	PASS
		VN	10	-0.66	-0.000346	± 2.5	PASS
		VN	20	0.11	0.000058	± 2.5	PASS
		VN	30	4.94	0.002593	± 2.5	PASS
		VN	40	-0.55	-0.000289	± 2.5	PASS
		VN	50	3.92	0.002058	± 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	2.01	0.001082	± 2.5	PASS
		VN	TN	4.81	0.002590	± 2.5	PASS
		VH	TN	-0.87	-0.000468	± 2.5	PASS
	MCH	VL	TN	2.82	0.001500	± 2.5	PASS
		VN	TN	1.38	0.000734	± 2.5	PASS
		VH	TN	-0.75	-0.000399	± 2.5	PASS
	HCH	VL	TN	-1.9	-0.000999	± 2.5	PASS
		VN	TN	1.36	0.000715	± 2.5	PASS
		VH	TN	0.36	0.000189	± 2.5	PASS
16QAM	LCH	VL	TN	-0.23	-0.000124	± 2.5	PASS
		VN	TN	-0.99	-0.000533	± 2.5	PASS
		VH	TN	0.53	0.000285	± 2.5	PASS
	MCH	VL	TN	3.02	0.001606	± 2.5	PASS
		VN	TN	2.46	0.001309	± 2.5	PASS
		VH	TN	-0.38	-0.000202	± 2.5	PASS
	HCH	VL	TN	-1.49	-0.000783	± 2.5	PASS
		VN	TN	-0.09	-0.000047	± 2.5	PASS
		VH	TN	0.38	0.000200	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-1.98	-0.001066	± 2.5	PASS
		VN	-20	-1.7	-0.000915	± 2.5	PASS
		VN	-10	-1.31	-0.000705	± 2.5	PASS
		VN	0	-1.16	-0.000624	± 2.5	PASS
		VN	10	4.36	0.002347	± 2.5	PASS
		VN	20	-1.21	-0.000651	± 2.5	PASS
		VN	30	3.76	0.002024	± 2.5	PASS
		VN	40	1.42	0.000764	± 2.5	PASS
		VN	50	3.53	0.001900	± 2.5	PASS
	MCH	VN	-30	-1.26	-0.000670	± 2.5	PASS
		VN	-20	1.25	0.000665	± 2.5	PASS
		VN	-10	3.34	0.001777	± 2.5	PASS
		VN	0	3.26	0.001734	± 2.5	PASS
		VN	10	-0.11	-0.000059	± 2.5	PASS
		VN	20	-0.77	-0.000410	± 2.5	PASS

		VN	30	0.89	0.000473	± 2.5	PASS
		VN	40	-1.27	-0.000676	± 2.5	PASS
		VN	50	4.29	0.002282	± 2.5	PASS
	HCH	VN	-30	0.75	0.000394	± 2.5	PASS
		VN	-20	2.69	0.001414	± 2.5	PASS
		VN	-10	-1.11	-0.000583	± 2.5	PASS
		VN	0	4.23	0.002223	± 2.5	PASS
		VN	10	-1.16	-0.000610	± 2.5	PASS
		VN	20	-1.05	-0.000552	± 2.5	PASS
		VN	30	2.41	0.001267	± 2.5	PASS
		VN	40	-0.59	-0.000310	± 2.5	PASS
		VN	50	-0.21	-0.000110	± 2.5	PASS
16QAM	LCH	VN	-30	-0.48	-0.000258	± 2.5	PASS
		VN	-20	2.44	0.001314	± 2.5	PASS
		VN	-10	0.52	0.000280	± 2.5	PASS
		VN	0	0.25	0.000135	± 2.5	PASS
		VN	10	0.89	0.000479	± 2.5	PASS
		VN	20	2.66	0.001432	± 2.5	PASS
		VN	30	1.38	0.000743	± 2.5	PASS
		VN	40	2.88	0.001550	± 2.5	PASS
		VN	50	-1.23	-0.000662	± 2.5	PASS
	MCH	VN	-30	1.89	0.001005	± 2.5	PASS
		VN	-20	-1.82	-0.000968	± 2.5	PASS
		VN	-10	-1.81	-0.000963	± 2.5	PASS
		VN	0	0.56	0.000298	± 2.5	PASS
		VN	10	2.95	0.001569	± 2.5	PASS
		VN	20	1.56	0.000830	± 2.5	PASS
		VN	30	4.01	0.002133	± 2.5	PASS
		VN	40	4.79	0.002548	± 2.5	PASS
		VN	50	-0.06	-0.000032	± 2.5	PASS
	HCH	VN	-30	3.88	0.002039	± 2.5	PASS
		VN	-20	1.1	0.000578	± 2.5	PASS
		VN	-10	2.39	0.001256	± 2.5	PASS
		VN	0	2.53	0.001330	± 2.5	PASS
		VN	10	-1.41	-0.000741	± 2.5	PASS
		VN	20	4.98	0.002618	± 2.5	PASS
		VN	30	2.2	0.001156	± 2.5	PASS
		VN	40	4.01	0.002108	± 2.5	PASS
		VN	50	-0.6	-0.000315	± 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	2.12	0.001140	± 2.5	PASS
		VN	TN	3.96	0.002129	± 2.5	PASS
		VH	TN	-1.71	-0.000919	± 2.5	PASS
	MCH	VL	TN	0.11	0.000059	± 2.5	PASS
		VN	TN	3.44	0.001830	± 2.5	PASS
		VH	TN	-1.73	-0.000920	± 2.5	PASS
	HCH	VL	TN	-0.64	-0.000337	± 2.5	PASS
		VN	TN	3.74	0.001968	± 2.5	PASS
		VH	TN	4.77	0.002511	± 2.5	PASS
16QAM	LCH	VL	TN	4.23	0.002274	± 2.5	PASS
		VN	TN	0.7	0.000376	± 2.5	PASS
		VH	TN	3.94	0.002118	± 2.5	PASS
	MCH	VL	TN	-1.45	-0.000771	± 2.5	PASS
		VN	TN	1.91	0.001016	± 2.5	PASS
		VH	TN	4.43	0.002356	± 2.5	PASS
	HCH	VL	TN	-1.99	-0.001047	± 2.5	PASS
		VN	TN	-1.66	-0.000874	± 2.5	PASS
		VH	TN	0.51	0.000268	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-1.33	-0.000715	± 2.5	PASS
		VN	-20	0.51	0.000274	± 2.5	PASS
		VN	-10	-0.57	-0.000306	± 2.5	PASS
		VN	0	-2	-0.001075	± 2.5	PASS
		VN	10	-0.12	-0.000065	± 2.5	PASS
		VN	20	3.01	0.001618	± 2.5	PASS
		VN	30	3.01	0.001618	± 2.5	PASS
		VN	40	3.45	0.001855	± 2.5	PASS
		VN	50	0.35	0.000188	± 2.5	PASS
	MCH	VN	-30	1.2	0.000638	± 2.5	PASS
		VN	-20	-0.91	-0.000484	± 2.5	PASS
		VN	-10	4.38	0.002330	± 2.5	PASS
		VN	0	1.66	0.000883	± 2.5	PASS
		VN	10	2.2	0.001170	± 2.5	PASS
		VN	20	3.87	0.002059	± 2.5	PASS

		VN	30	2.65	0.001410	± 2.5	PASS
		VN	40	-1.87	-0.000995	± 2.5	PASS
		VN	50	0.1	0.000053	± 2.5	PASS
	HCH	VN	-30	1.35	0.000711	± 2.5	PASS
		VN	-20	-0.03	-0.000016	± 2.5	PASS
		VN	-10	1.89	0.000995	± 2.5	PASS
		VN	0	-0.68	-0.000358	± 2.5	PASS
		VN	10	4.3	0.002263	± 2.5	PASS
		VN	20	-0.01	-0.000005	± 2.5	PASS
		VN	30	0.92	0.000484	± 2.5	PASS
		VN	40	-1.44	-0.000758	± 2.5	PASS
		VN	50	-0.42	-0.000221	± 2.5	PASS
16QAM	LCH	VN	-30	-0.61	-0.000328	± 2.5	PASS
		VN	-20	4.23	0.002274	± 2.5	PASS
		VN	-10	3.36	0.001806	± 2.5	PASS
		VN	0	0.34	0.000183	± 2.5	PASS
		VN	10	-0.61	-0.000328	± 2.5	PASS
		VN	20	-1.72	-0.000925	± 2.5	PASS
		VN	30	3.93	0.002113	± 2.5	PASS
		VN	40	0.88	0.000473	± 2.5	PASS
		VN	50	1.96	0.001054	± 2.5	PASS
	MCH	VN	-30	0.43	0.000229	± 2.5	PASS
		VN	-20	1.38	0.000734	± 2.5	PASS
		VN	-10	4.68	0.002489	± 2.5	PASS
		VN	0	3.17	0.001686	± 2.5	PASS
		VN	10	-1.19	-0.000633	± 2.5	PASS
		VN	20	3.47	0.001846	± 2.5	PASS
		VN	30	-0.68	-0.000362	± 2.5	PASS
		VN	40	-0.69	-0.000367	± 2.5	PASS
		VN	50	0.82	0.000436	± 2.5	PASS
	HCH	VN	-30	1.56	0.000821	± 2.5	PASS
		VN	-20	1.83	0.000963	± 2.5	PASS
		VN	-10	-0.12	-0.000063	± 2.5	PASS
		VN	0	4.97	0.002616	± 2.5	PASS
		VN	10	0.17	0.000089	± 2.5	PASS
		VN	20	-1.57	-0.000826	± 2.5	PASS
		VN	30	0.6	0.000316	± 2.5	PASS
		VN	40	0.56	0.000295	± 2.5	PASS
		VN	50	1.63	0.000858	± 2.5	PASS