

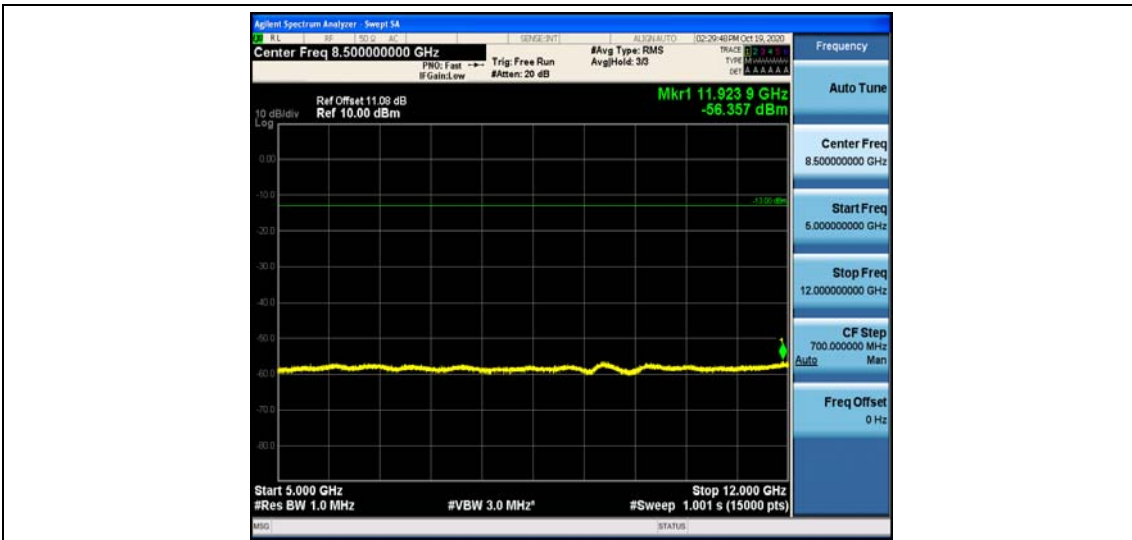
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Band66_10MHz_16QAM_132022_1RB#0



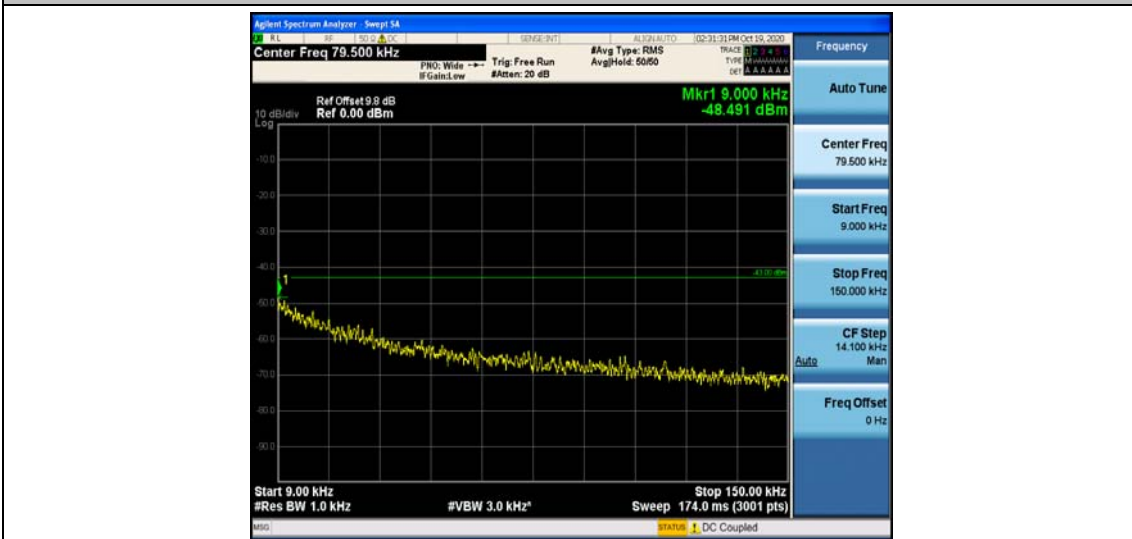
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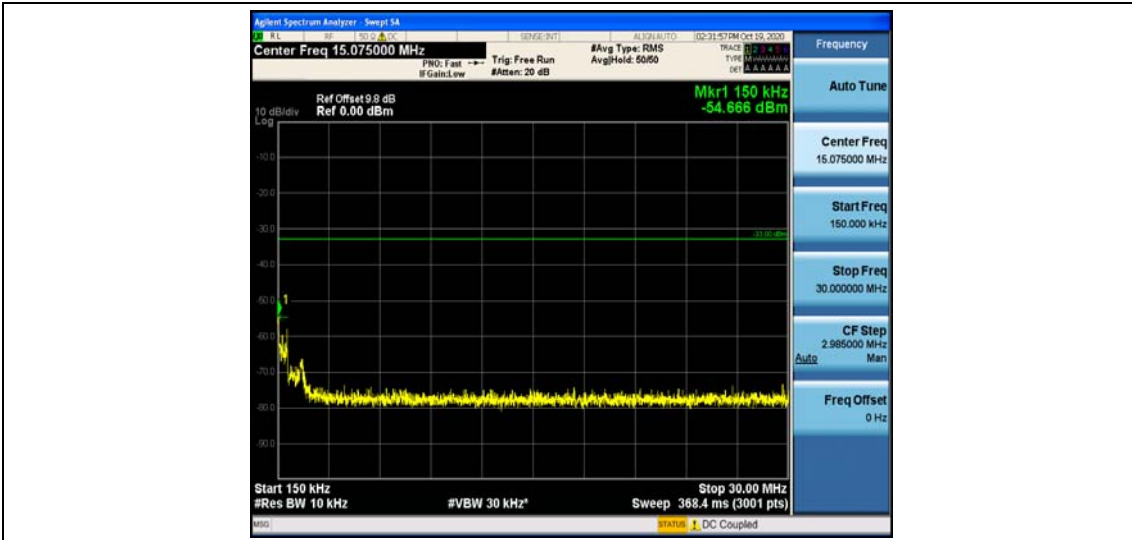
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Band66_10MHz_16QAM_132322_1RB#0



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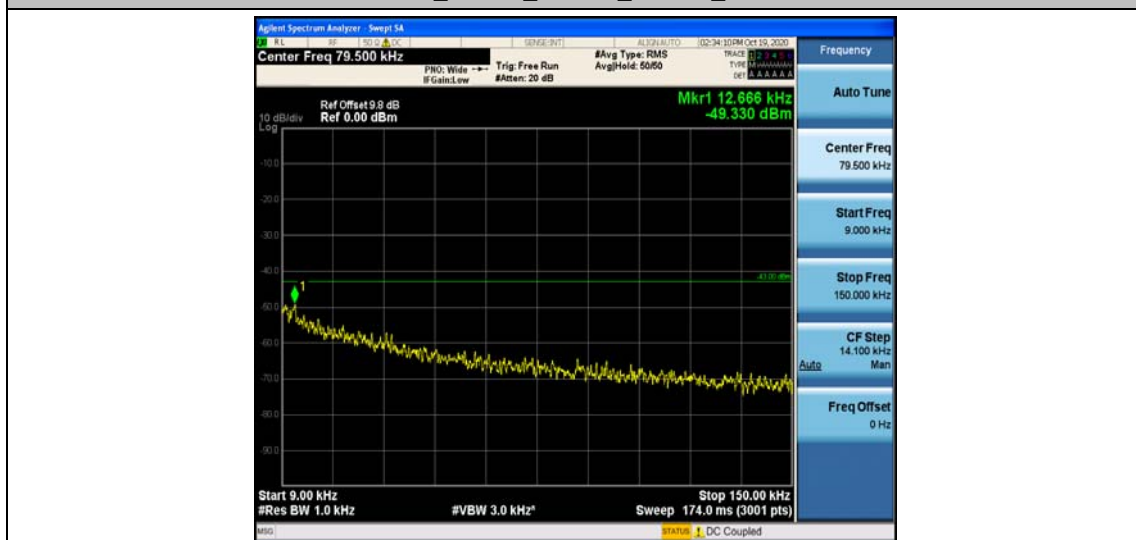
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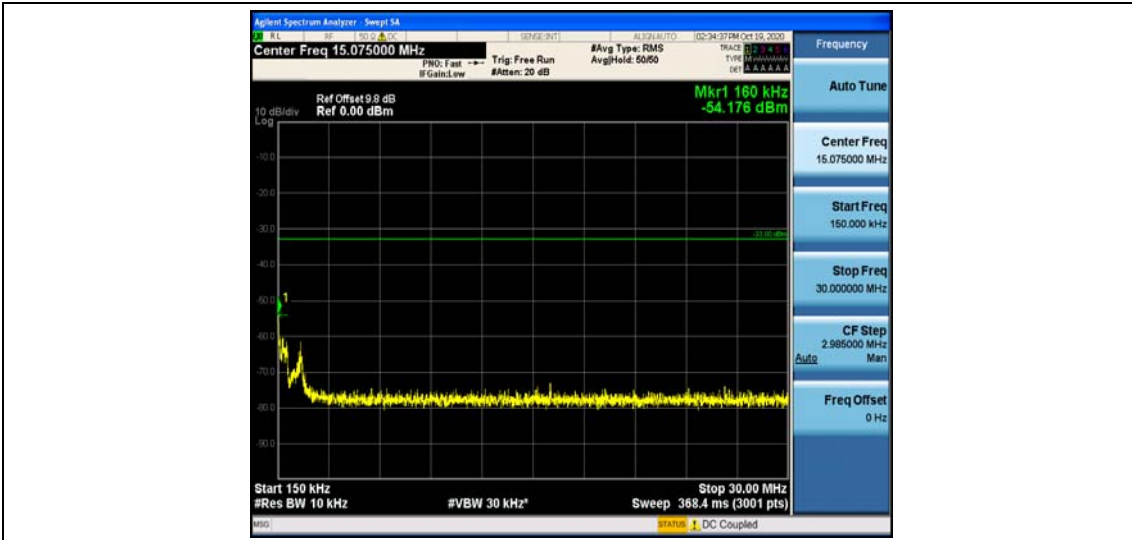
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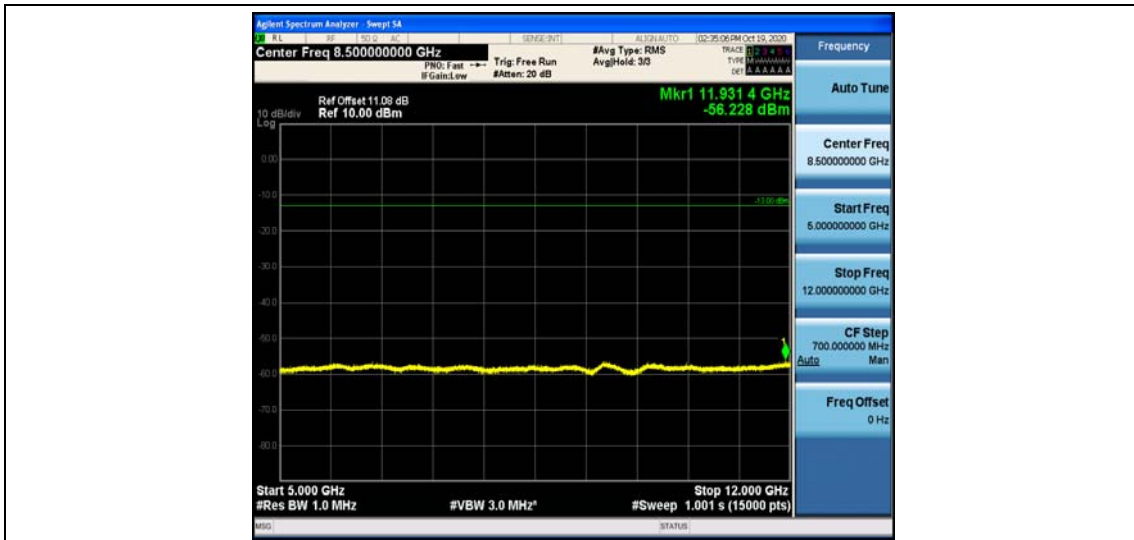
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Band66_10MHz_16QAM_132622_1RB#0



Band66_10MHz_16QAM_132622_1RB#0



Band66_15MHz_QPSK_132047_1RB#0



Band66_15MHz_QPSK_132047_1RB#0



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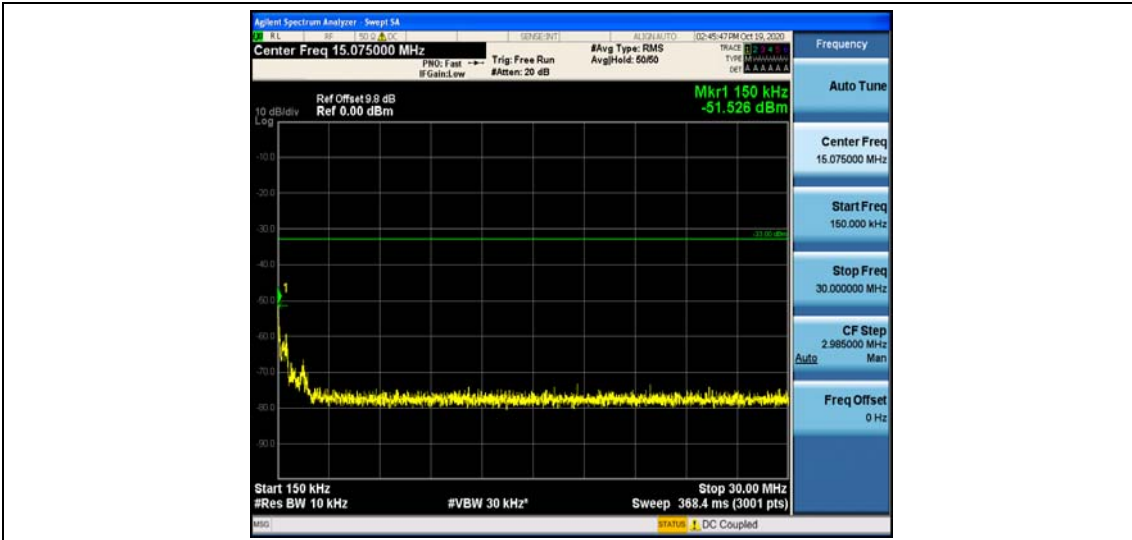
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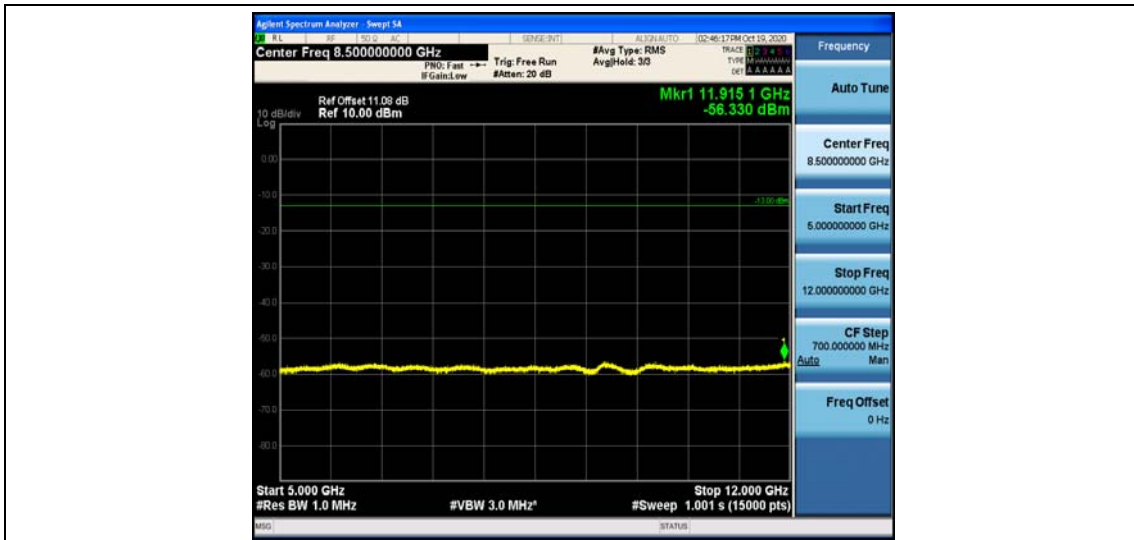
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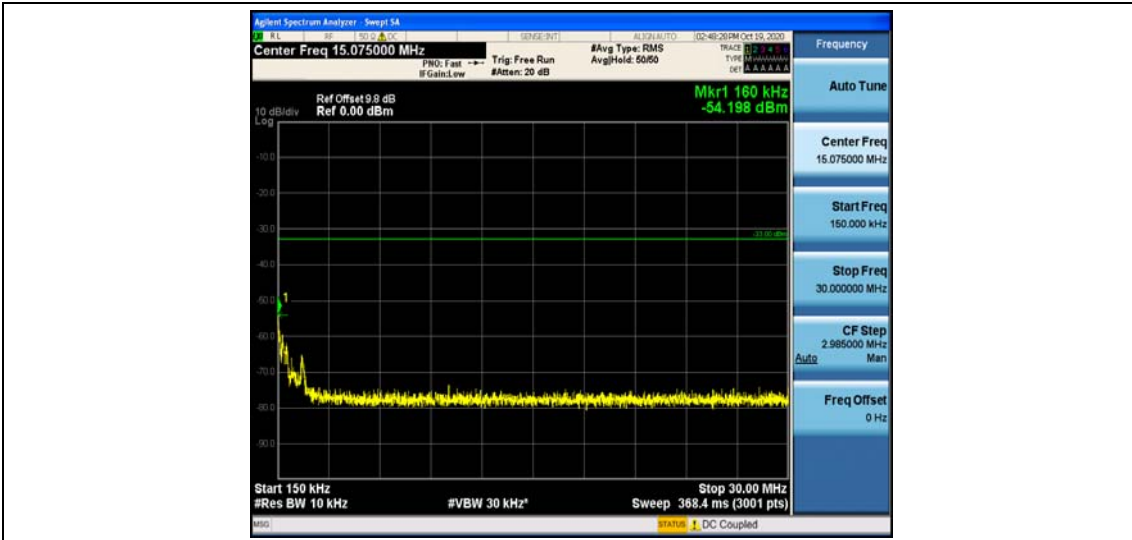
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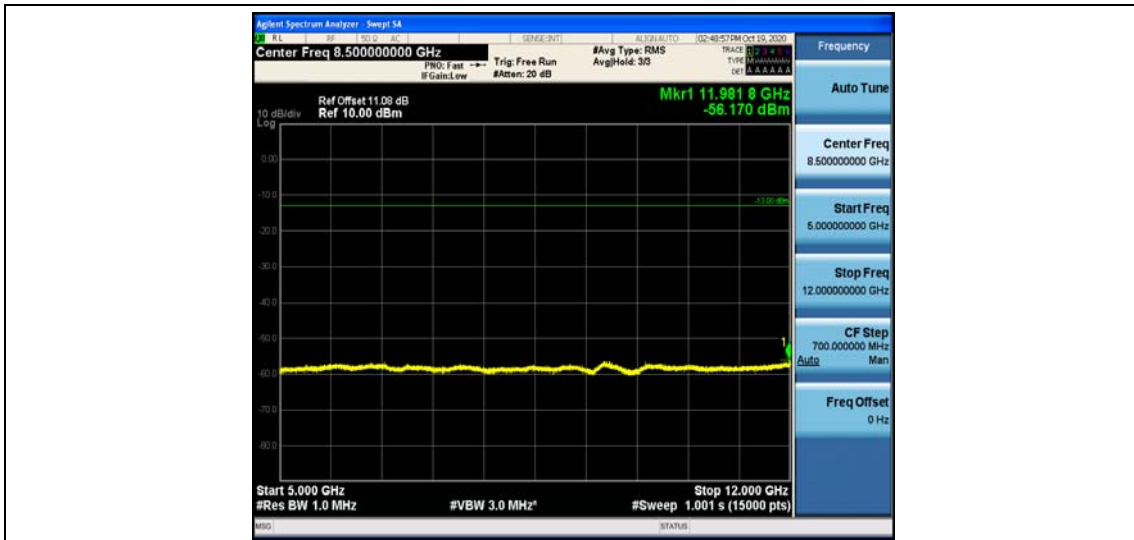
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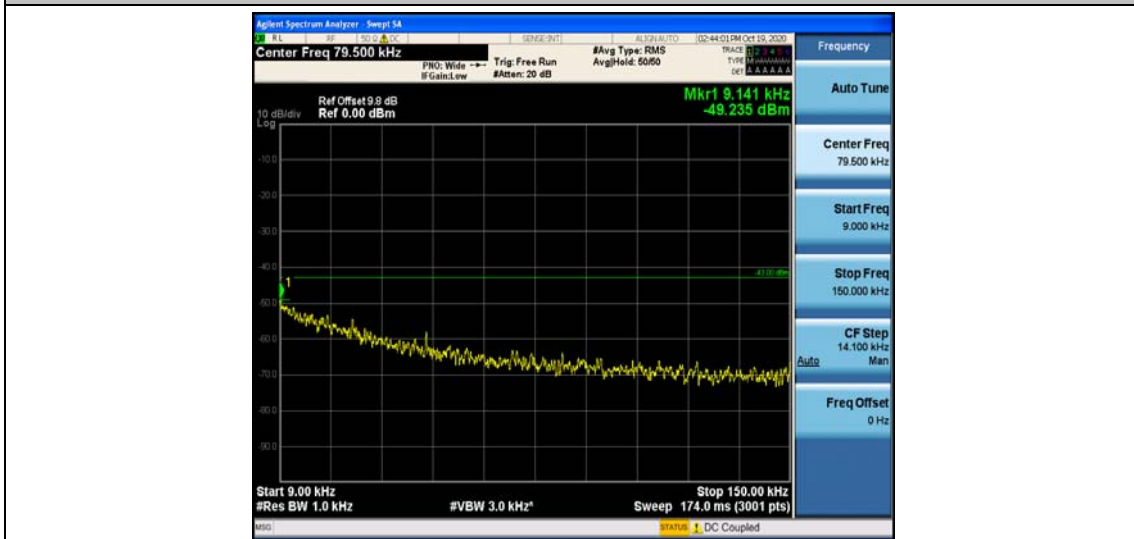
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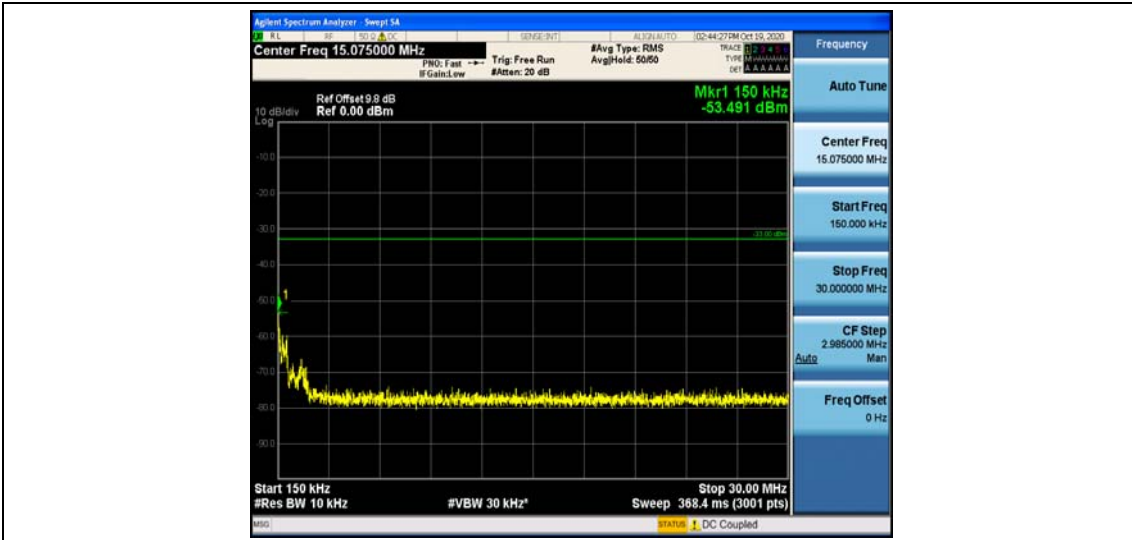
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Band66_15MHz_16QAM_132047_1RB#0



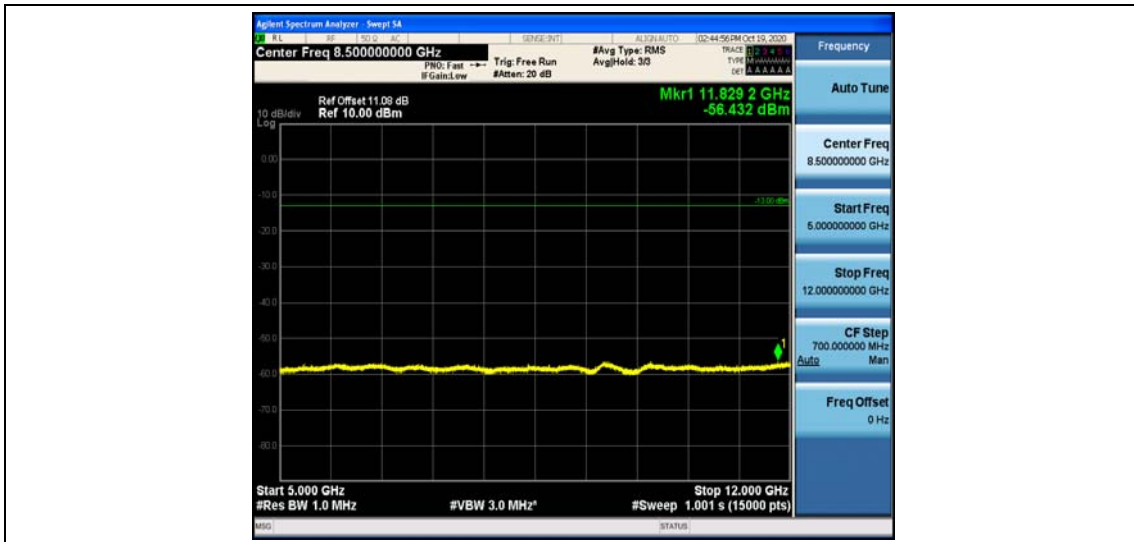
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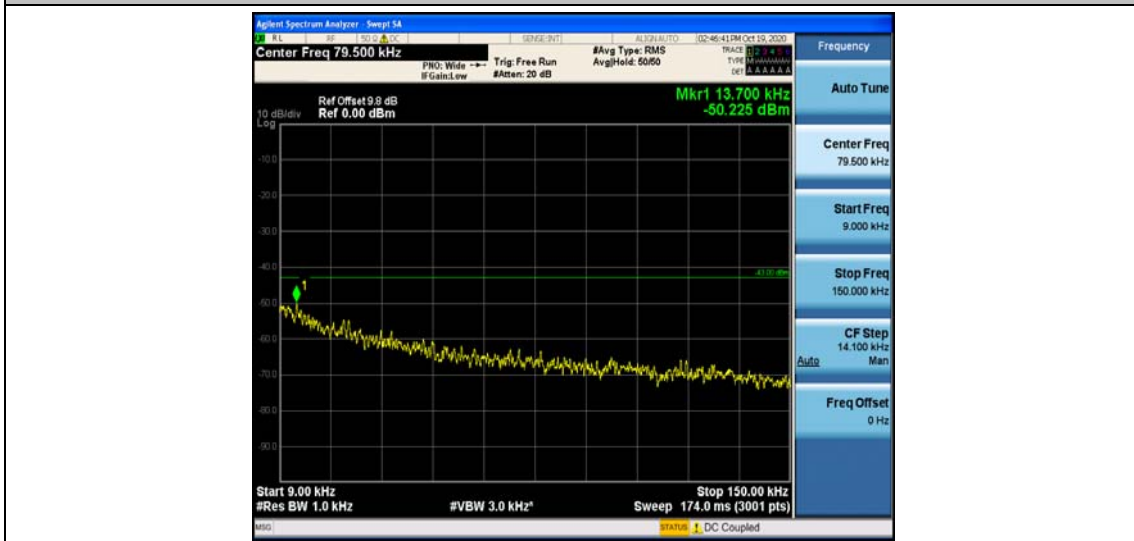
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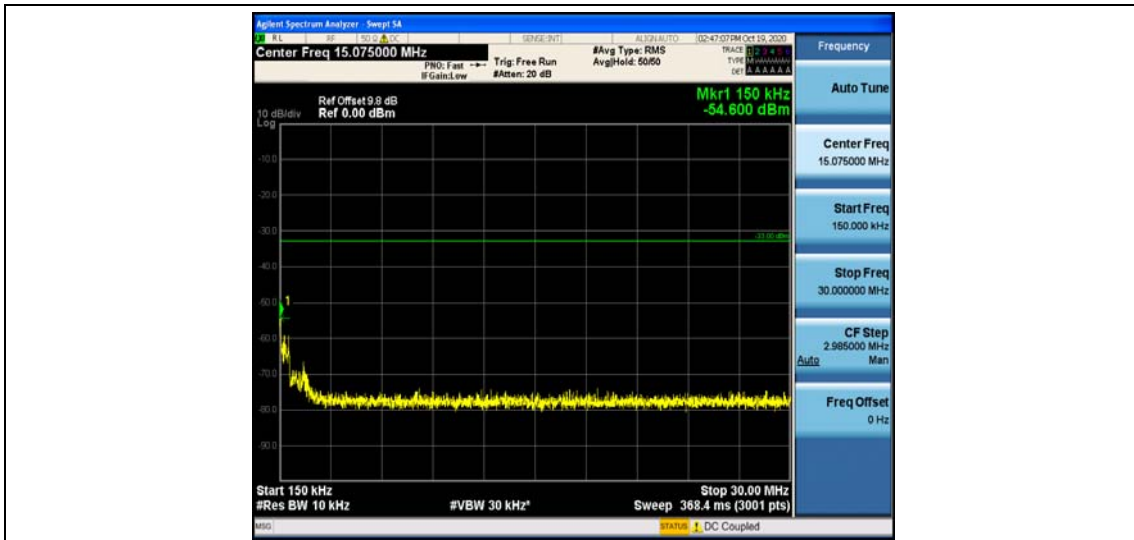
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Band66_15MHz_16QAM_132322_1RB#0



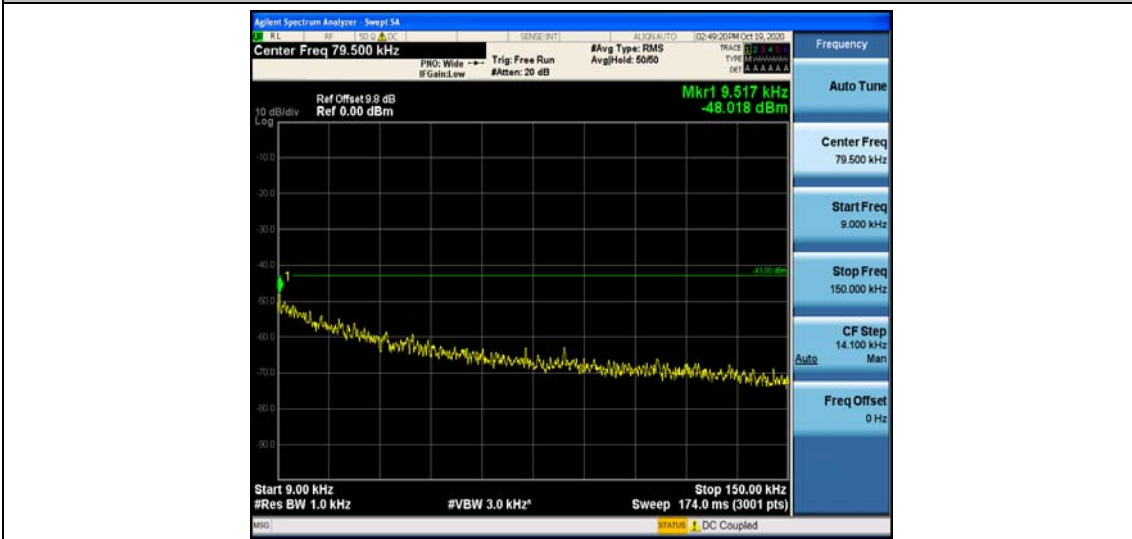
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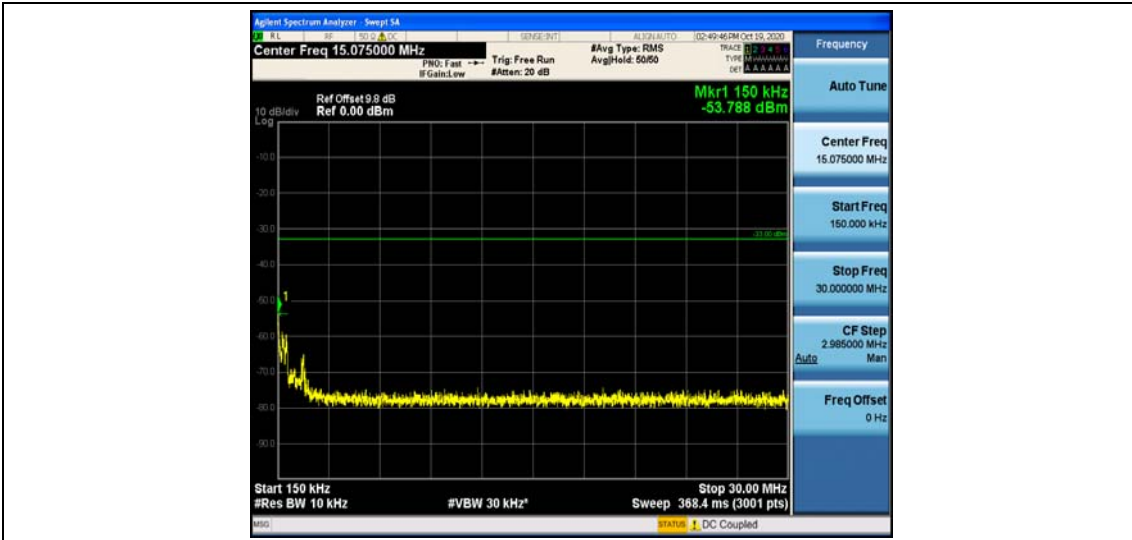
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Band66_15MHz_16QAM_132597_1RB#0



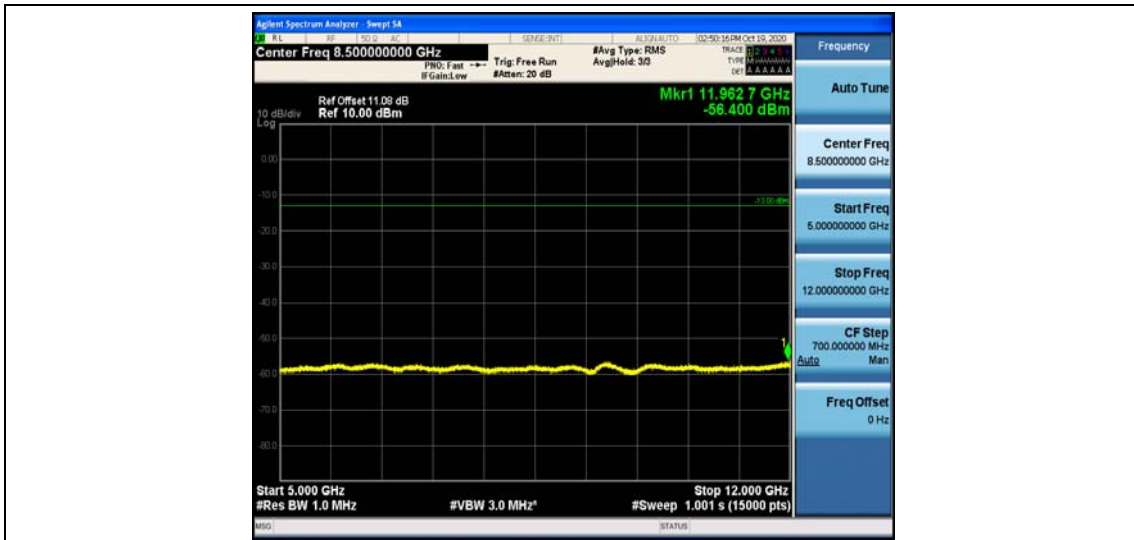
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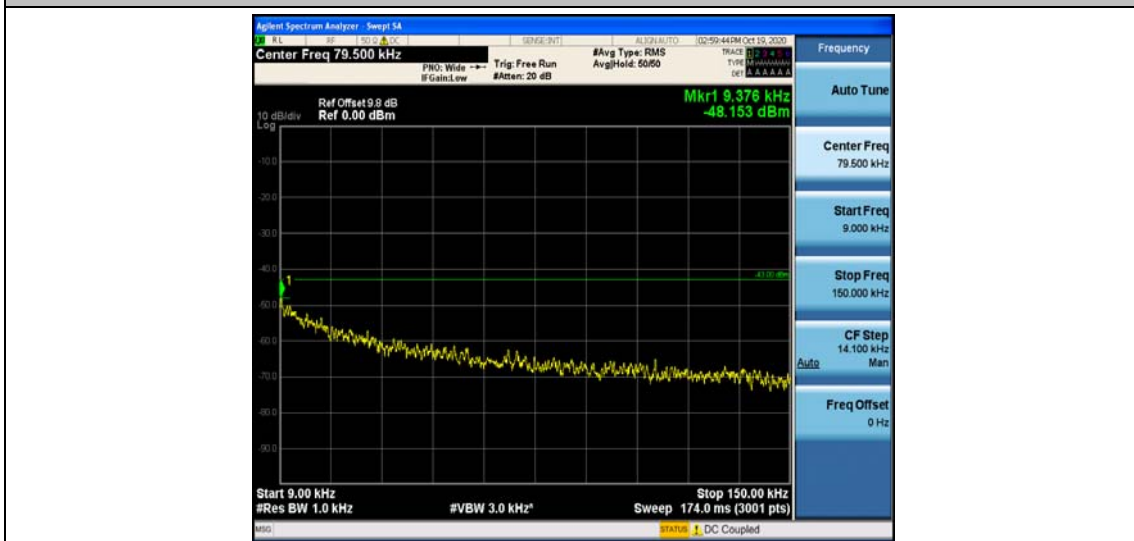
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Band66_20MHz_QPSK_132072_1RB#0



Band66_20MHz_QPSK_132072_1RB#0



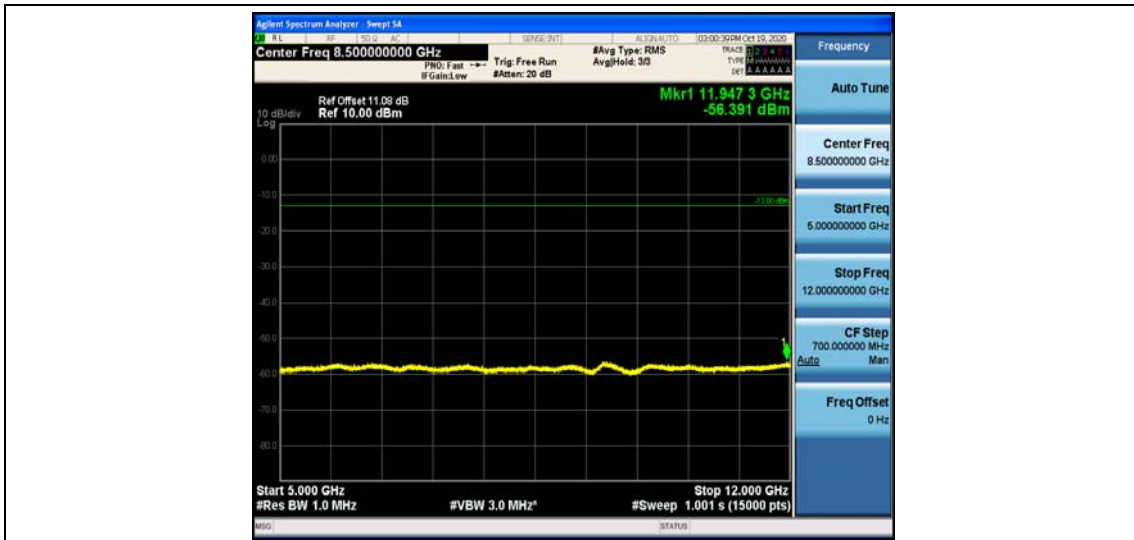
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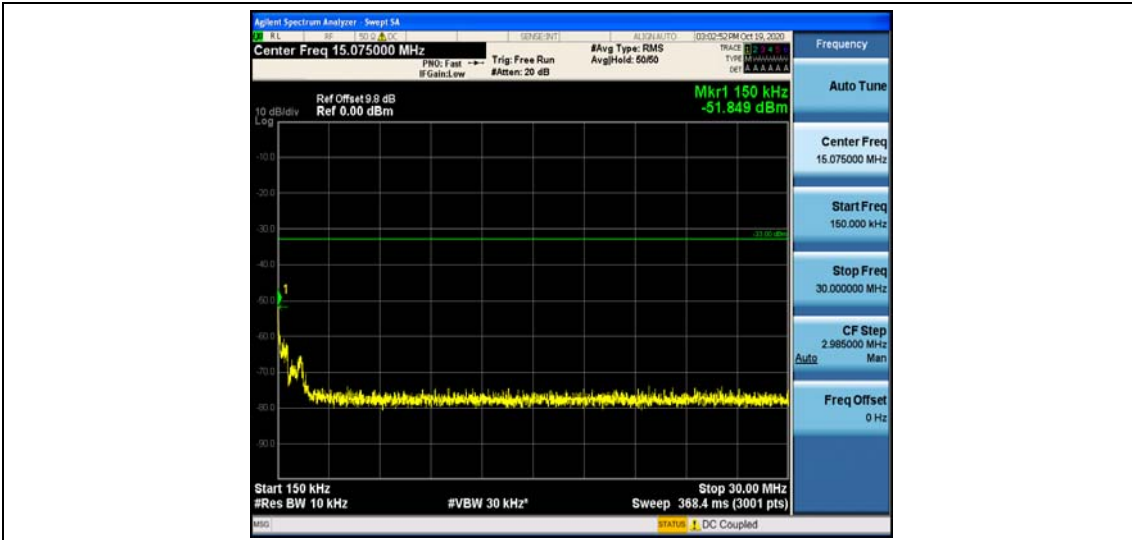
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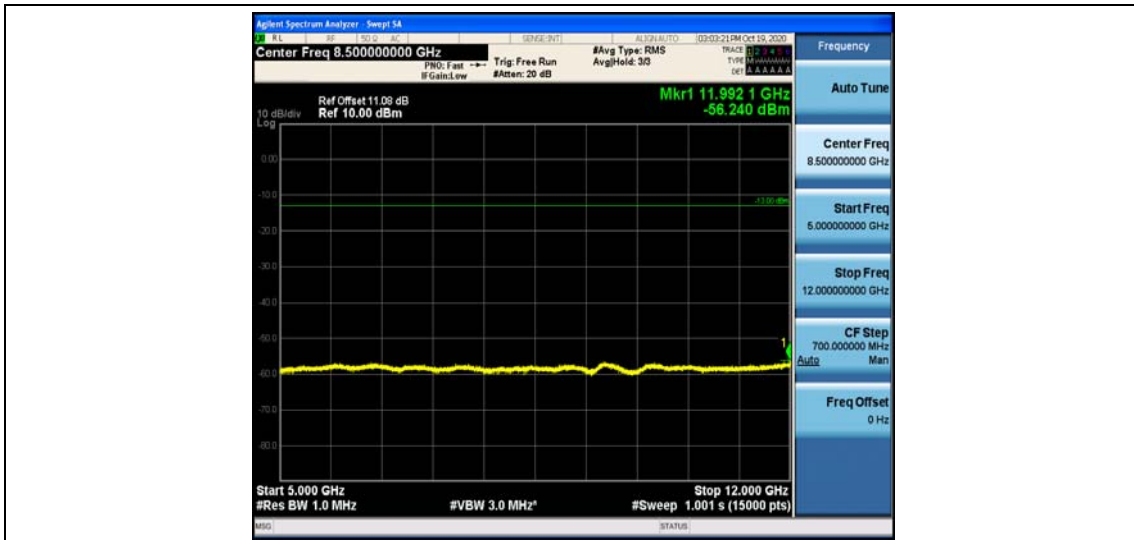
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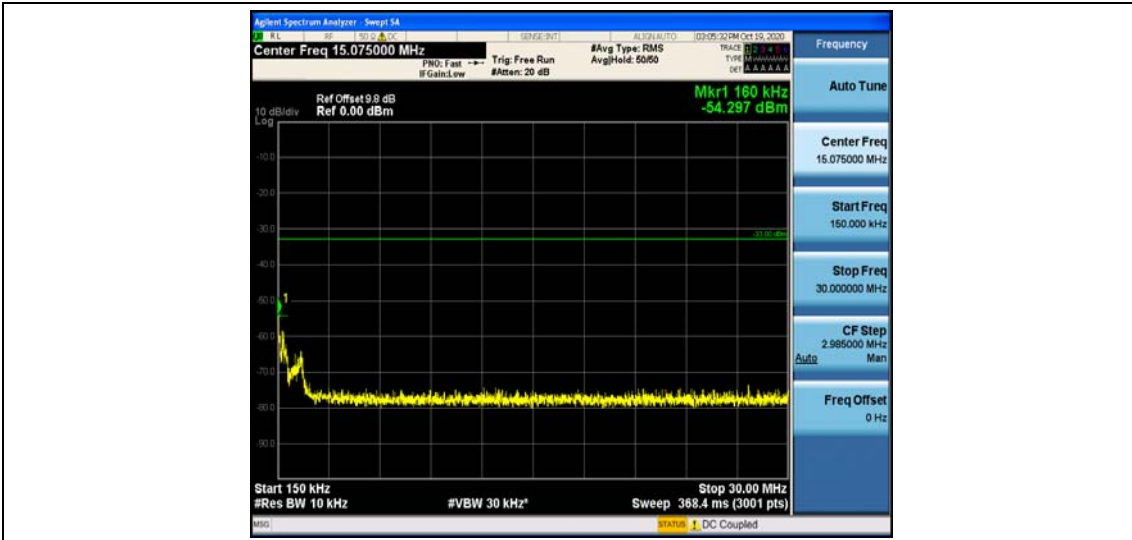
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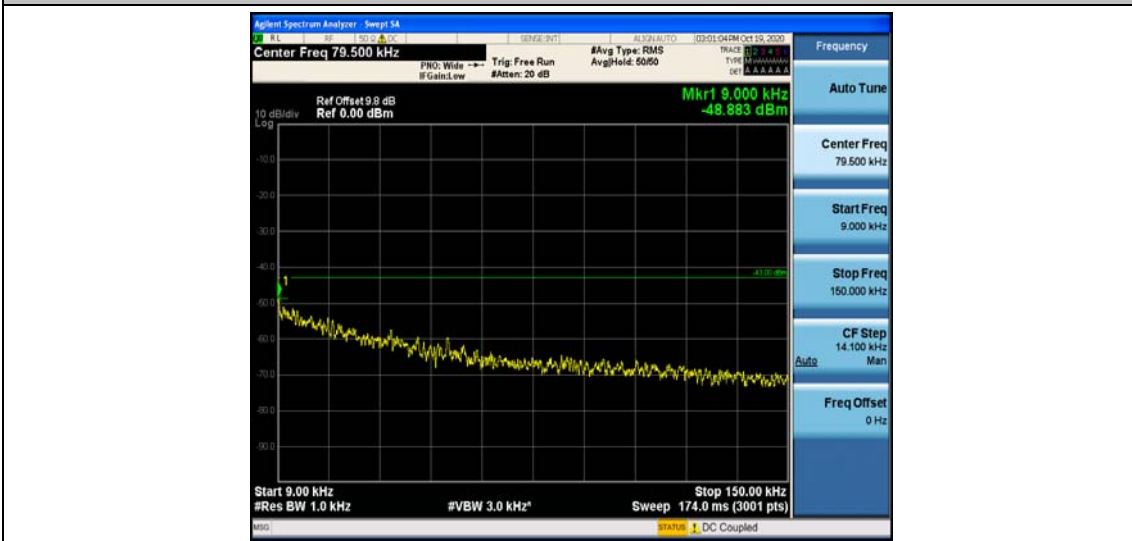
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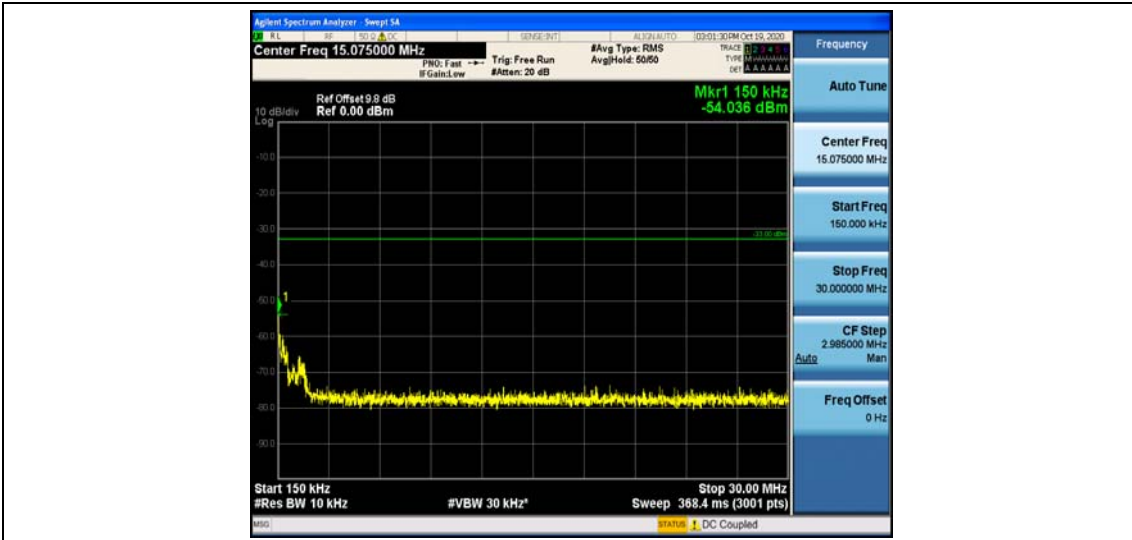
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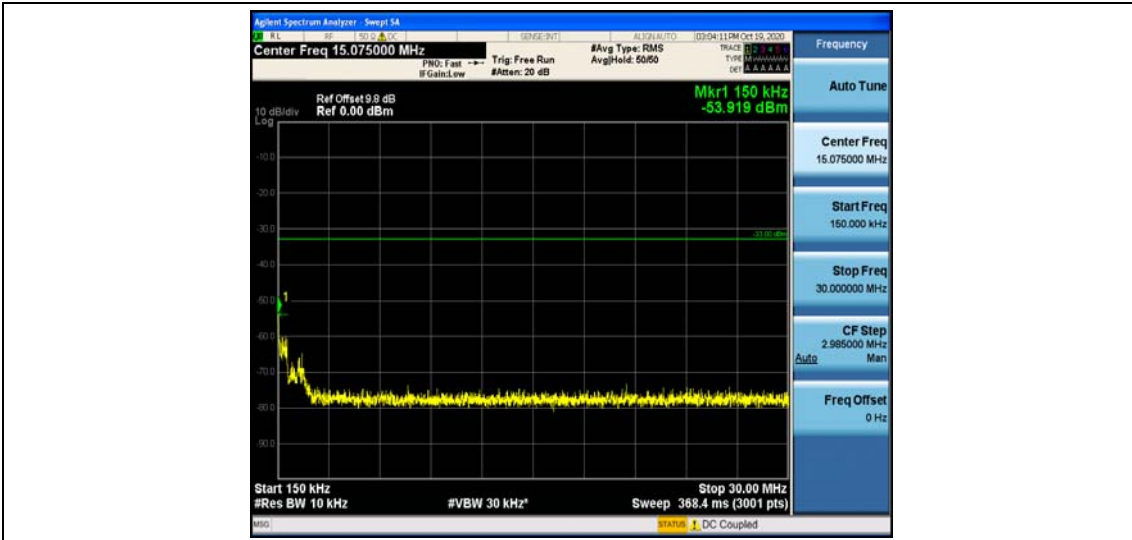
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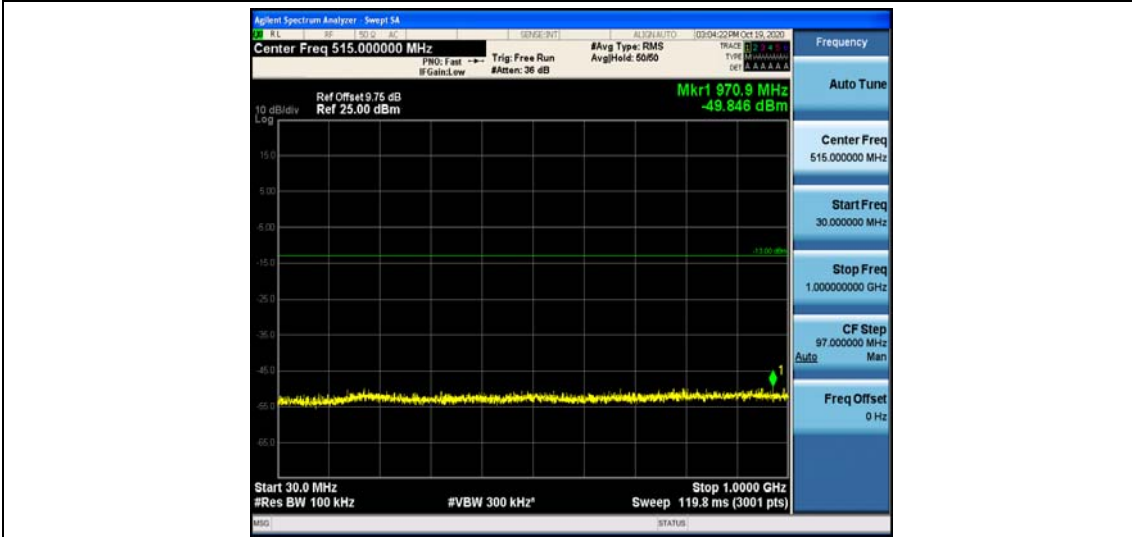
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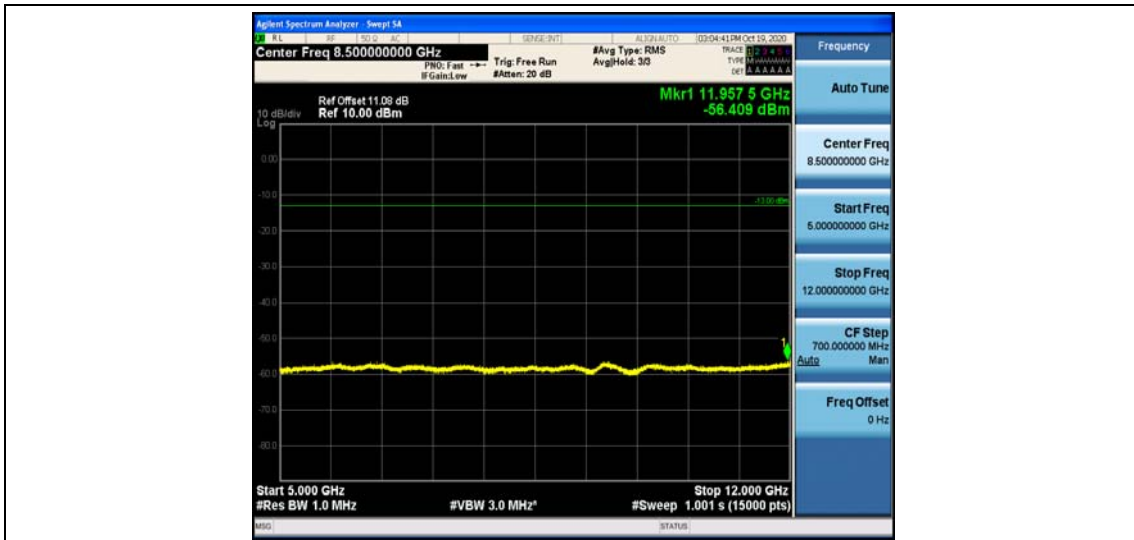
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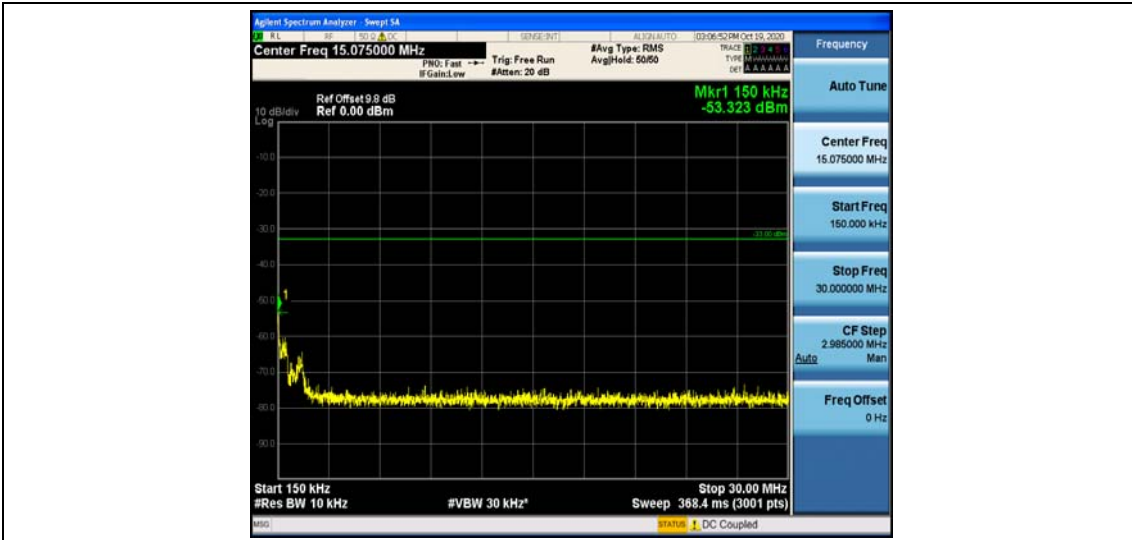
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Band66_20MHz_16QAM_132572_1RB#0



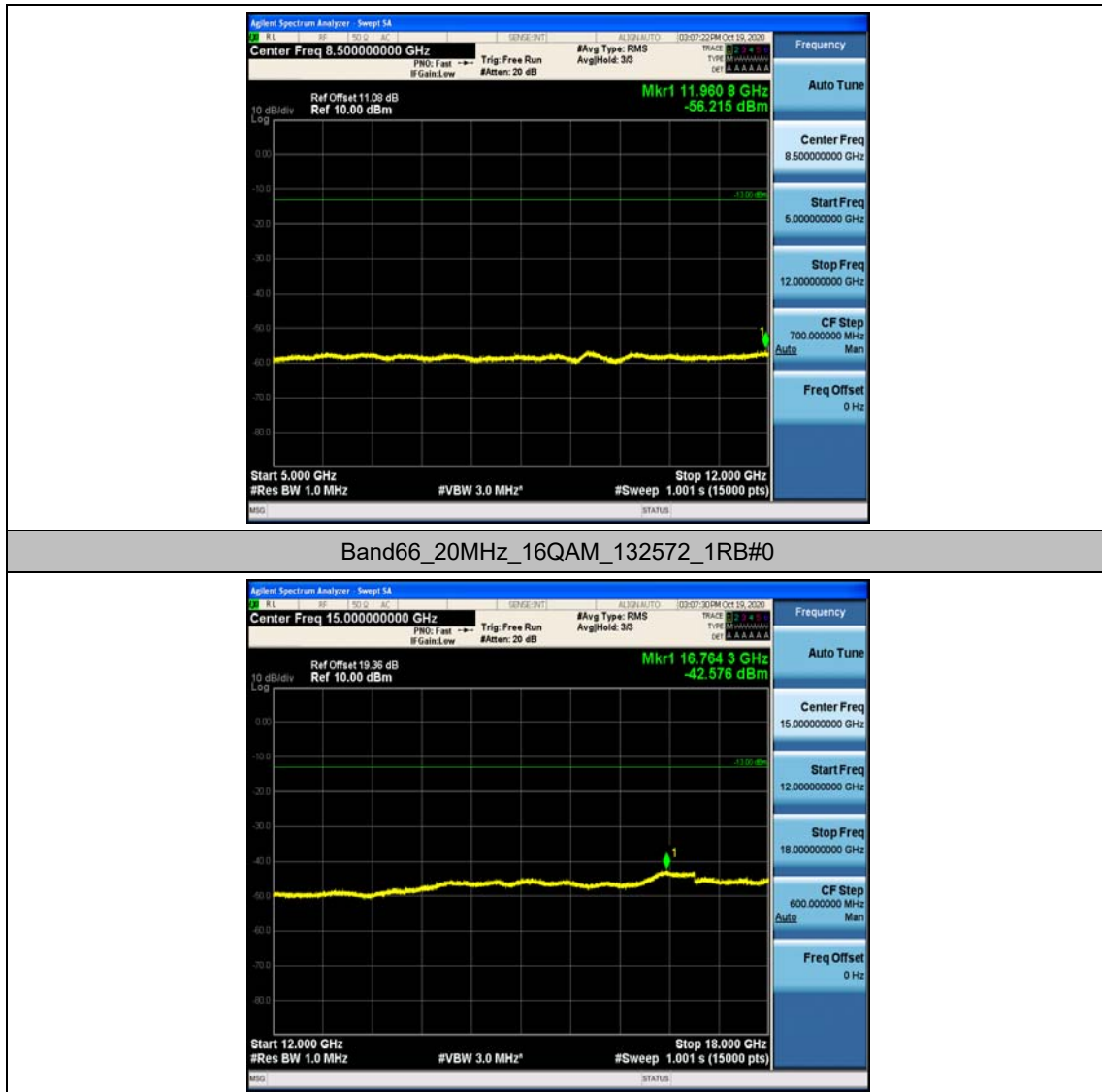
Band66_20MHz_16QAM_132572_1RB#0



Band66_20MHz_16QAM_132572_1RB#0



Band66_20MHz_16QAM_132572_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	2.15	0.001257	± 2.5	PASS
		VN	TN	3.5	0.002046	± 2.5	PASS
		VH	TN	3.05	0.001783	± 2.5	PASS
	MCH	VL	TN	3.21	0.001840	± 2.5	PASS
		VN	TN	4.59	0.002630	± 2.5	PASS
		VH	TN	3.88	0.002223	± 2.5	PASS
	HCH	VL	TN	0.2	0.000112	± 2.5	PASS
		VN	TN	-0.26	-0.000146	± 2.5	PASS
		VH	TN	-1.96	-0.001102	± 2.5	PASS
16QAM	LCH	VL	TN	-1.5	-0.000877	± 2.5	PASS
		VN	TN	1.65	0.000965	± 2.5	PASS
		VH	TN	4	0.002338	± 2.5	PASS
	MCH	VL	TN	1.98	0.001135	± 2.5	PASS
		VN	TN	-1.97	-0.001129	± 2.5	PASS
		VH	TN	4.24	0.002430	± 2.5	PASS
	HCH	VL	TN	-1.43	-0.000804	± 2.5	PASS
		VN	TN	0.47	0.000264	± 2.5	PASS
		VH	TN	-0.4	-0.000225	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	4.35	0.002543	± 2.5	PASS
		VN	-20	0.82	0.000479	± 2.5	PASS
		VN	-10	4.08	0.002385	± 2.5	PASS
		VN	0	3.97	0.002321	± 2.5	PASS
		VN	10	-1.84	-0.001076	± 2.5	PASS
		VN	20	1.57	0.000918	± 2.5	PASS
		VN	30	-1.75	-0.001023	± 2.5	PASS
		VN	40	4.53	0.002648	± 2.5	PASS
		VN	50	3.62	0.002116	± 2.5	PASS
	MCH	VN	-30	2.38	0.001364	± 2.5	PASS

		VN	-20	2.68	0.001536	± 2.5	PASS
		VN	-10	1.11	0.000636	± 2.5	PASS
		VN	0	-0.03	-0.000017	± 2.5	PASS
		VN	10	4.27	0.002447	± 2.5	PASS
		VN	20	-1.61	-0.000923	± 2.5	PASS
		VN	30	2.75	0.001576	± 2.5	PASS
		VN	40	-1.06	-0.000607	± 2.5	PASS
		VN	50	-1.21	-0.000693	± 2.5	PASS
	HCH	VN	-30	-1.78	-0.001000	± 2.5	PASS
		VN	-20	2.28	0.001281	± 2.5	PASS
		VN	-10	3.01	0.001692	± 2.5	PASS
		VN	0	3.17	0.001782	± 2.5	PASS
		VN	10	3.95	0.002220	± 2.5	PASS
		VN	20	0.89	0.000500	± 2.5	PASS
		VN	30	1.97	0.001107	± 2.5	PASS
		VN	40	0.81	0.000455	± 2.5	PASS
		VN	50	4.14	0.002327	± 2.5	PASS
		16QAM	LCH	VN	-30	4.46	0.002607
VN	-20			4.49	0.002625	± 2.5	PASS
VN	-10			-0.26	-0.000152	± 2.5	PASS
VN	0			-1.14	-0.000666	± 2.5	PASS
VN	10			1.8	0.001052	± 2.5	PASS
VN	20			-1.35	-0.000789	± 2.5	PASS
VN	30			3.28	0.001917	± 2.5	PASS
VN	40			-0.73	-0.000427	± 2.5	PASS
VN	50			4.11	0.002403	± 2.5	PASS
MCH	VN		-30	3.39	0.001943	± 2.5	PASS
	VN		-20	0.11	0.000063	± 2.5	PASS
	VN		-10	2.96	0.001696	± 2.5	PASS
	VN		0	0.26	0.000149	± 2.5	PASS
	VN		10	-1.65	-0.000946	± 2.5	PASS
	VN		20	0	0.000000	± 2.5	PASS
	VN		30	3.46	0.001983	± 2.5	PASS
	VN		40	1.9	0.001089	± 2.5	PASS
	VN		50	3.39	0.001943	± 2.5	PASS
HCH	VN	-30	1.38	0.000776	± 2.5	PASS	
	VN	-20	-0.24	-0.000135	± 2.5	PASS	
	VN	-10	4.34	0.002439	± 2.5	PASS	
	VN	0	-0.86	-0.000483	± 2.5	PASS	
	VN	10	3.1	0.001742	± 2.5	PASS	
	VN	20	2.46	0.001383	± 2.5	PASS	

		VN	30	2.63	0.001478	± 2.5	PASS
		VN	40	4.38	0.002462	± 2.5	PASS
		VN	50	2.15	0.001208	± 2.5	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz+							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	0.72	0.000421	± 2.5	PASS
		VN	TN	0.74	0.000432	± 2.5	PASS
		VH	TN	4.15	0.002425	± 2.5	PASS
	MCH	VL	TN	-1.97	-0.001129	± 2.5	PASS
		VN	TN	1.35	0.000774	± 2.5	PASS
		VH	TN	-0.3	-0.000172	± 2.5	PASS
	HCH	VL	TN	2.53	0.001422	± 2.5	PASS
		VN	TN	-0.58	-0.000326	± 2.5	PASS
		VH	TN	-1.91	-0.001073	± 2.5	PASS
16QAM	LCH	VL	TN	4.14	0.002419	± 2.5	PASS
		VN	TN	-0.84	-0.000491	± 2.5	PASS
		VH	TN	0.76	0.000444	± 2.5	PASS
	MCH	VL	TN	2.99	0.001713	± 2.5	PASS
		VN	TN	-1.96	-0.001123	± 2.5	PASS
		VH	TN	0.96	0.000550	± 2.5	PASS
	HCH	VL	TN	0.5	0.000281	± 2.5	PASS
		VN	TN	3.64	0.002046	± 2.5	PASS
		VH	TN	-1.69	-0.000950	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	2.7	0.001578	± 2.5	PASS
		VN	-20	1.88	0.001098	± 2.5	PASS
		VN	-10	1.96	0.001145	± 2.5	PASS
		VN	0	-0.35	-0.000204	± 2.5	PASS
		VN	10	-1.81	-0.001058	± 2.5	PASS
		VN	20	3.1	0.001811	± 2.5	PASS
		VN	30	3.51	0.002051	± 2.5	PASS
		VN	40	4.84	0.002828	± 2.5	PASS
		VN	50	1.7	0.000993	± 2.5	PASS
	MCH	VN	-30	3.09	0.001771	± 2.5	PASS
		VN	-20	-1.6	-0.000917	± 2.5	PASS

		VN	-10	4.25	0.002436	± 2.5	PASS		
		VN	0	-0.37	-0.000212	± 2.5	PASS		
		VN	10	3.99	0.002287	± 2.5	PASS		
		VN	20	0.84	0.000481	± 2.5	PASS		
		VN	30	-0.24	-0.000138	± 2.5	PASS		
		VN	40	-1.66	-0.000951	± 2.5	PASS		
		VN	50	-1.57	-0.000900	± 2.5	PASS		
	HCH	VN	-30	3.31	0.001860	± 2.5	PASS		
		VN	-20	-1.88	-0.001057	± 2.5	PASS		
		VN	-10	4.05	0.002276	± 2.5	PASS		
		VN	0	3.2	0.001798	± 2.5	PASS		
		VN	10	4.25	0.002389	± 2.5	PASS		
		VN	20	2.83	0.001591	± 2.5	PASS		
		VN	30	-1.73	-0.000972	± 2.5	PASS		
		VN	40	4.99	0.002804	± 2.5	PASS		
		VN	50	0.67	0.000377	± 2.5	PASS		
		QPSK	LCH	VN	-30	0.48	0.000280	± 2.5	PASS
				VN	-20	0.53	0.000310	± 2.5	PASS
				VN	-10	3.79	0.002214	± 2.5	PASS
VN	0			1.5	0.000876	± 2.5	PASS		
VN	10			3.36	0.001963	± 2.5	PASS		
VN	20			-1.1	-0.000643	± 2.5	PASS		
VN	30			0.75	0.000438	± 2.5	PASS		
VN	40			-0.59	-0.000345	± 2.5	PASS		
VN	50			0.49	0.000286	± 2.5	PASS		
MCH	VN		-30	4.83	0.002768	± 2.5	PASS		
	VN		-20	-1.69	-0.000968	± 2.5	PASS		
	VN		-10	3.32	0.001903	± 2.5	PASS		
	VN		0	0.91	0.000521	± 2.5	PASS		
	VN		10	-0.75	-0.000430	± 2.5	PASS		
	VN		20	0.75	0.000430	± 2.5	PASS		
	VN		30	3.57	0.002046	± 2.5	PASS		
	VN		40	0.43	0.000246	± 2.5	PASS		
	VN		50	2.87	0.001645	± 2.5	PASS		
HCH	VN		-30	0.85	0.000478	± 2.5	PASS		
	VN		-20	2.6	0.001461	± 2.5	PASS		
	VN		-10	4.16	0.002338	± 2.5	PASS		
	VN		0	2.31	0.001298	± 2.5	PASS		
	VN		10	4.76	0.002675	± 2.5	PASS		
	VN		20	-1.68	-0.000944	± 2.5	PASS		
	VN		30	3.28	0.001843	± 2.5	PASS		

		VN	40	0.64	0.000360	± 2.5	PASS
		VN	50	3.1	0.001742	± 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	0.49	0.000286	± 2.5	PASS
		VN	TN	-1.29	-0.000753	± 2.5	PASS
		VH	TN	1.43	0.000835	± 2.5	PASS
	MCH	VL	TN	0.69	0.000395	± 2.5	PASS
		VN	TN	2.51	0.001438	± 2.5	PASS
		VH	TN	3.57	0.002046	± 2.5	PASS
	HCH	VL	TN	-1.12	-0.000630	± 2.5	PASS
		VN	TN	0.09	0.000051	± 2.5	PASS
		VH	TN	4.53	0.002547	± 2.5	PASS
16QAM	LCH	VL	TN	2.43	0.001419	± 2.5	PASS
		VN	TN	0.69	0.000403	± 2.5	PASS
		VH	TN	0.04	0.000023	± 2.5	PASS
	MCH	VL	TN	-1.45	-0.000831	± 2.5	PASS
		VN	TN	-0.97	-0.000556	± 2.5	PASS
		VH	TN	0.96	0.000550	± 2.5	PASS
	HCH	VL	TN	0.77	0.000433	± 2.5	PASS
		VN	TN	0.38	0.000214	± 2.5	PASS
		VH	TN	-0.93	-0.000523	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	2.31	0.001349	± 2.5	PASS
		VN	-20	-1.45	-0.000847	± 2.5	PASS
		VN	-10	2.45	0.001431	± 2.5	PASS
		VN	0	4.3	0.002511	± 2.5	PASS
		VN	10	4.07	0.002377	± 2.5	PASS
		VN	20	-1.44	-0.000841	± 2.5	PASS
		VN	30	-0.78	-0.000455	± 2.5	PASS
		VN	40	2.56	0.001495	± 2.5	PASS
		VN	50	0.17	0.000099	± 2.5	PASS
	MCH	VN	-30	-1.85	-0.001060	± 2.5	PASS
		VN	-20	4.75	0.002722	± 2.5	PASS
		VN	-10	4.77	0.002734	± 2.5	PASS

		VN	0	-0.93	-0.000533	± 2.5	PASS		
		VN	10	-0.31	-0.000178	± 2.5	PASS		
		VN	20	1.55	0.000888	± 2.5	PASS		
		VN	30	3.3	0.001891	± 2.5	PASS		
		VN	40	1.3	0.000745	± 2.5	PASS		
		VN	50	2.5	0.001433	± 2.5	PASS		
	HCH	VN	-30	-1.31	-0.000737	± 2.5	PASS		
		VN	-20	4.62	0.002598	± 2.5	PASS		
		VN	-10	1.49	0.000838	± 2.5	PASS		
		VN	0	1.89	0.001063	± 2.5	PASS		
		VN	10	1.92	0.001080	± 2.5	PASS		
		VN	20	2.51	0.001411	± 2.5	PASS		
		VN	30	2.64	0.001484	± 2.5	PASS		
		VN	40	3.74	0.002103	± 2.5	PASS		
		VN	50	4.33	0.002435	± 2.5	PASS		
		16QAM	LCH	VN	-30	3.64	0.002126	± 2.5	PASS
				VN	-20	1.82	0.001063	± 2.5	PASS
				VN	-10	-0.53	-0.000309	± 2.5	PASS
				VN	0	2.14	0.001250	± 2.5	PASS
VN	10			-0.55	-0.000321	± 2.5	PASS		
VN	20			-1.83	-0.001069	± 2.5	PASS		
VN	30			0.1	0.000058	± 2.5	PASS		
VN	40			-0.07	-0.000041	± 2.5	PASS		
VN	50			2.43	0.001419	± 2.5	PASS		
MCH	VN		-30	1.16	0.000665	± 2.5	PASS		
	VN		-20	1.02	0.000585	± 2.5	PASS		
	VN		-10	0.28	0.000160	± 2.5	PASS		
	VN		0	1.34	0.000768	± 2.5	PASS		
	VN		10	-1.04	-0.000596	± 2.5	PASS		
	VN		20	2.5	0.001433	± 2.5	PASS		
	VN		30	4.08	0.002338	± 2.5	PASS		
	VN		40	2.77	0.001587	± 2.5	PASS		
	VN		50	4.86	0.002785	± 2.5	PASS		
HCH	VN		-30	2.61	0.001468	± 2.5	PASS		
	VN	-20	4.5	0.002530	± 2.5	PASS			
	VN	-10	1.43	0.000804	± 2.5	PASS			
	VN	0	-0.7	-0.000394	± 2.5	PASS			
	VN	10	0.78	0.000439	± 2.5	PASS			
	VN	20	-1.48	-0.000832	± 2.5	PASS			
	VN	30	1.08	0.000607	± 2.5	PASS			
	VN	40	3.79	0.002131	± 2.5	PASS			

		VN	50	2.43	0.001366	± 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	-0.79	-0.000461	± 2.5	PASS
		VN	TN	3.16	0.001843	± 2.5	PASS
		VH	TN	2.54	0.001481	± 2.5	PASS
	MCH	VL	TN	1.75	0.001003	± 2.5	PASS
		VN	TN	-0.43	-0.000246	± 2.5	PASS
		VH	TN	3.21	0.001840	± 2.5	PASS
	HCH	VL	TN	0.72	0.000405	± 2.5	PASS
		VN	TN	3.7	0.002082	± 2.5	PASS
		VH	TN	3.07	0.001727	± 2.5	PASS
16QAM	LCH	VL	TN	0.93	0.000542	± 2.5	PASS
		VN	TN	3.13	0.001825	± 2.5	PASS
		VH	TN	2.79	0.001627	± 2.5	PASS
	MCH	VL	TN	-1.63	-0.000934	± 2.5	PASS
		VN	TN	4.7	0.002693	± 2.5	PASS
		VH	TN	0.9	0.000516	± 2.5	PASS
	HCH	VL	TN	1.9	0.001069	± 2.5	PASS
		VN	TN	-0.8	-0.000450	± 2.5	PASS
		VH	TN	4.31	0.002425	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
16QAM	LCH	VN	-30	4.15	0.002420	± 2.5	PASS
		VN	-20	3.89	0.002268	± 2.5	PASS
		VN	-10	2.25	0.001312	± 2.5	PASS
		VN	0	-1.32	-0.000770	± 2.5	PASS
		VN	10	4.85	0.002828	± 2.5	PASS
		VN	20	1.17	0.000682	± 2.5	PASS
		VN	30	1.17	0.000682	± 2.5	PASS
		VN	40	0.69	0.000402	± 2.5	PASS
		VN	50	-0.41	-0.000239	± 2.5	PASS
	MCH	VN	-30	2.12	0.001215	± 2.5	PASS
		VN	-20	0.17	0.000097	± 2.5	PASS
		VN	-10	4.53	0.002596	± 2.5	PASS
		VN	0	3.4	0.001948	± 2.5	PASS

		VN	10	3.93	0.002252	± 2.5	PASS
		VN	20	4.67	0.002676	± 2.5	PASS
		VN	30	-1.4	-0.000802	± 2.5	PASS
		VN	40	4.27	0.002447	± 2.5	PASS
		VN	50	3.34	0.001914	± 2.5	PASS
	HCH	VN	-30	4.02	0.002262	± 2.5	PASS
		VN	-20	3.9	0.002194	± 2.5	PASS
		VN	-10	2.31	0.001300	± 2.5	PASS
		VN	0	-0.36	-0.000203	± 2.5	PASS
		VN	10	3.56	0.002003	± 2.5	PASS
		VN	20	-1.11	-0.000624	± 2.5	PASS
		VN	30	-1.68	-0.000945	± 2.5	PASS
		VN	40	-1.15	-0.000647	± 2.5	PASS
		VN	50	0.53	0.000298	± 2.5	PASS
QPSK	LCH	VN	-30	-1.09	-0.000636	± 2.5	PASS
		VN	-20	-1.58	-0.000921	± 2.5	PASS
		VN	-10	-1.12	-0.000653	± 2.5	PASS
		VN	0	-1.08	-0.000630	± 2.5	PASS
		VN	10	3.88	0.002262	± 2.5	PASS
		VN	20	0.38	0.000222	± 2.5	PASS
		VN	30	2.86	0.001668	± 2.5	PASS
		VN	40	4.51	0.002630	± 2.5	PASS
		VN	50	-1.96	-0.001143	± 2.5	PASS
	MCH	VN	-30	-1.21	-0.000693	± 2.5	PASS
		VN	-20	3.31	0.001897	± 2.5	PASS
		VN	-10	4.38	0.002510	± 2.5	PASS
		VN	0	-1.25	-0.000716	± 2.5	PASS
		VN	10	-1.04	-0.000596	± 2.5	PASS
		VN	20	3.25	0.001862	± 2.5	PASS
		VN	30	-1.94	-0.001112	± 2.5	PASS
		VN	40	0.65	0.000372	± 2.5	PASS
		VN	50	-0.56	-0.000321	± 2.5	PASS
HCH	VN	-30	3.79	0.002132	± 2.5	PASS	
	VN	-20	3.14	0.001767	± 2.5	PASS	
	VN	-10	4.73	0.002661	± 2.5	PASS	
	VN	0	2.92	0.001643	± 2.5	PASS	
	VN	10	-0.82	-0.000461	± 2.5	PASS	
	VN	20	-0.93	-0.000523	± 2.5	PASS	
	VN	30	0.82	0.000461	± 2.5	PASS	
	VN	40	0.68	0.000383	± 2.5	PASS	
	VN	50	1.12	0.000630	± 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	0.89	0.000518	± 2.5	PASS
		VN	TN	-1.23	-0.000716	± 2.5	PASS
		VH	TN	3.14	0.001828	± 2.5	PASS
	MCH	VL	TN	1.63	0.000934	± 2.5	PASS
		VN	TN	2.93	0.001679	± 2.5	PASS
		VH	TN	1.1	0.000630	± 2.5	PASS
	HCH	VL	TN	2.48	0.001397	± 2.5	PASS
		VN	TN	-1.35	-0.000761	± 2.5	PASS
		VH	TN	4.38	0.002468	± 2.5	PASS
16QAM	LCH	VL	TN	1.98	0.001153	± 2.5	PASS
		VN	TN	2.3	0.001339	± 2.5	PASS
		VH	TN	-1.22	-0.000710	± 2.5	PASS
	MCH	VL	TN	0.4	0.000229	± 2.5	PASS
		VN	TN	1.63	0.000934	± 2.5	PASS
		VH	TN	-1	-0.000573	± 2.5	PASS
	HCH	VL	TN	3.31	0.001865	± 2.5	PASS
		VN	TN	4.31	0.002428	± 2.5	PASS
		VH	TN	2.96	0.001668	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	0.7	0.000408	± 2.5	PASS
		VN	-20	0.04	0.000023	± 2.5	PASS
		VN	-10	-0.45	-0.000262	± 2.5	PASS
		VN	0	2.05	0.001194	± 2.5	PASS
		VN	10	0.04	0.000023	± 2.5	PASS
		VN	20	-1.57	-0.000914	± 2.5	PASS
		VN	30	-1.94	-0.001130	± 2.5	PASS
		VN	40	2.4	0.001397	± 2.5	PASS
		VN	50	1.3	0.000757	± 2.5	PASS
	MCH	VN	-30	4.79	0.002745	± 2.5	PASS
		VN	-20	1.58	0.000905	± 2.5	PASS
		VN	-10	-1.53	-0.000877	± 2.5	PASS
		VN	0	-1.48	-0.000848	± 2.5	PASS
		VN	10	1.57	0.000900	± 2.5	PASS

		VN	20	-1.22	-0.000699	± 2.5	PASS
		VN	30	2.12	0.001215	± 2.5	PASS
		VN	40	4.44	0.002544	± 2.5	PASS
		VN	50	0.45	0.000258	± 2.5	PASS
	HCH	VN	-30	-1.52	-0.000856	± 2.5	PASS
		VN	-20	2.26	0.001273	± 2.5	PASS
		VN	-10	4.9	0.002761	± 2.5	PASS
		VN	0	4.28	0.002411	± 2.5	PASS
		VN	10	2.78	0.001566	± 2.5	PASS
		VN	20	4.34	0.002445	± 2.5	PASS
		VN	30	-1.13	-0.000637	± 2.5	PASS
		VN	40	2.75	0.001549	± 2.5	PASS
		VN	50	3.75	0.002113	± 2.5	PASS
QPSK	LCH	VN	-30	0.01	0.000006	± 2.5	PASS
		VN	-20	3.61	0.002102	± 2.5	PASS
		VN	-10	0.32	0.000186	± 2.5	PASS
		VN	0	3.63	0.002114	± 2.5	PASS
		VN	10	1.12	0.000652	± 2.5	PASS
		VN	20	-1.6	-0.000932	± 2.5	PASS
		VN	30	1.29	0.000751	± 2.5	PASS
		VN	40	0.59	0.000344	± 2.5	PASS
		VN	50	-1.45	-0.000844	± 2.5	PASS
	MCH	VN	-30	3.09	0.001771	± 2.5	PASS
		VN	-20	2.74	0.001570	± 2.5	PASS
		VN	-10	-1	-0.000573	± 2.5	PASS
		VN	0	1.59	0.000911	± 2.5	PASS
		VN	10	0.67	0.000384	± 2.5	PASS
		VN	20	1.08	0.000619	± 2.5	PASS
		VN	30	3.5	0.002006	± 2.5	PASS
		VN	40	3.04	0.001742	± 2.5	PASS
		VN	50	4.04	0.002315	± 2.5	PASS
	HCH	VN	-30	4.32	0.002434	± 2.5	PASS
		VN	-20	3.01	0.001696	± 2.5	PASS
		VN	-10	-1.68	-0.000946	± 2.5	PASS
		VN	0	0.09	0.000051	± 2.5	PASS
		VN	10	-0.05	-0.000028	± 2.5	PASS
		VN	20	4.09	0.002304	± 2.5	PASS
		VN	30	4.66	0.002625	± 2.5	PASS
		VN	40	2.11	0.001189	± 2.5	PASS
		VN	50	2.94	0.001656	± 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	3.91	0.002273	± 2.5	PASS
		VN	TN	4.14	0.002407	± 2.5	PASS
		VH	TN	3.33	0.001936	± 2.5	PASS
	MCH	VL	TN	0.7	0.000401	± 2.5	PASS
		VN	TN	0.51	0.000292	± 2.5	PASS
		VH	TN	4.88	0.002797	± 2.5	PASS
	HCH	VL	TN	3.56	0.002008	± 2.5	PASS
		VN	TN	1.93	0.001089	± 2.5	PASS
		VH	TN	1.07	0.000604	± 2.5	PASS
16QAM	LCH	VL	TN	-0.74	-0.000430	± 2.5	PASS
		VN	TN	-0.74	-0.000430	± 2.5	PASS
		VH	TN	3.34	0.001942	± 2.5	PASS
	MCH	VL	TN	-0.74	-0.000424	± 2.5	PASS
		VN	TN	-0.02	-0.000011	± 2.5	PASS
		VH	TN	-1.26	-0.000722	± 2.5	PASS
	HCH	VL	TN	1.89	0.001066	± 2.5	PASS
		VN	TN	4.09	0.002307	± 2.5	PASS
		VH	TN	1.31	0.000739	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	3.88	0.002256	± 2.5	PASS
		VN	-20	-1.86	-0.001081	± 2.5	PASS
		VN	-10	1	0.000581	± 2.5	PASS
		VN	0	2.37	0.001378	± 2.5	PASS
		VN	10	-0.37	-0.000215	± 2.5	PASS
		VN	20	1.97	0.001145	± 2.5	PASS
		VN	30	2.96	0.001721	± 2.5	PASS
		VN	40	4.15	0.002413	± 2.5	PASS
		VN	50	3.36	0.001953	± 2.5	PASS
	MCH	VN	-30	1.58	0.000905	± 2.5	PASS
		VN	-20	1.09	0.000625	± 2.5	PASS
		VN	-10	-1.9	-0.001089	± 2.5	PASS
		VN	0	3.69	0.002115	± 2.5	PASS
		VN	10	-1.7	-0.000974	± 2.5	PASS
		VN	20	1.05	0.000602	± 2.5	PASS

		VN	30	4.73	0.002711	± 2.5	PASS
		VN	40	1.17	0.000670	± 2.5	PASS
		VN	50	-1.17	-0.000670	± 2.5	PASS
	HCH	VN	-30	0.73	0.000412	± 2.5	PASS
		VN	-20	-0.37	-0.000209	± 2.5	PASS
		VN	-10	4.92	0.002776	± 2.5	PASS
		VN	0	2.42	0.001365	± 2.5	PASS
		VN	10	0.74	0.000417	± 2.5	PASS
		VN	20	2.41	0.001360	± 2.5	PASS
		VN	30	3.77	0.002127	± 2.5	PASS
		VN	40	4.03	0.002274	± 2.5	PASS
		VN	50	0.79	0.000446	± 2.5	PASS
		QPSK	LCH	VN	-30	2.57	0.001494
VN	-20			4.29	0.002494	± 2.5	PASS
VN	-10			-1.57	-0.000913	± 2.5	PASS
VN	0			1.21	0.000703	± 2.5	PASS
VN	10			1.95	0.001134	± 2.5	PASS
VN	20			1.62	0.000942	± 2.5	PASS
VN	30			3.43	0.001994	± 2.5	PASS
VN	40			0.69	0.000401	± 2.5	PASS
VN	50			3.1	0.001802	± 2.5	PASS
MCH	VN		-30	-1.73	-0.000991	± 2.5	PASS
	VN		-20	3.88	0.002223	± 2.5	PASS
	VN		-10	-0.49	-0.000281	± 2.5	PASS
	VN		0	4.37	0.002504	± 2.5	PASS
	VN		10	-1.47	-0.000842	± 2.5	PASS
	VN		20	-0.12	-0.000069	± 2.5	PASS
	VN		30	0.17	0.000097	± 2.5	PASS
	VN		40	1.33	0.000762	± 2.5	PASS
	VN		50	-1.22	-0.000699	± 2.5	PASS
HCH	VN		-30	-1.17	-0.000660	± 2.5	PASS
	VN		-20	0.5	0.000282	± 2.5	PASS
	VN		-10	1.71	0.000965	± 2.5	PASS
	VN		0	1.95	0.001100	± 2.5	PASS
	VN		10	0.78	0.000440	± 2.5	PASS
	VN		20	2.55	0.001439	± 2.5	PASS
	VN		30	0.28	0.000158	± 2.5	PASS
	VN		40	3.38	0.001907	± 2.5	PASS
	VN		50	0.96	0.000542	± 2.5	PASS