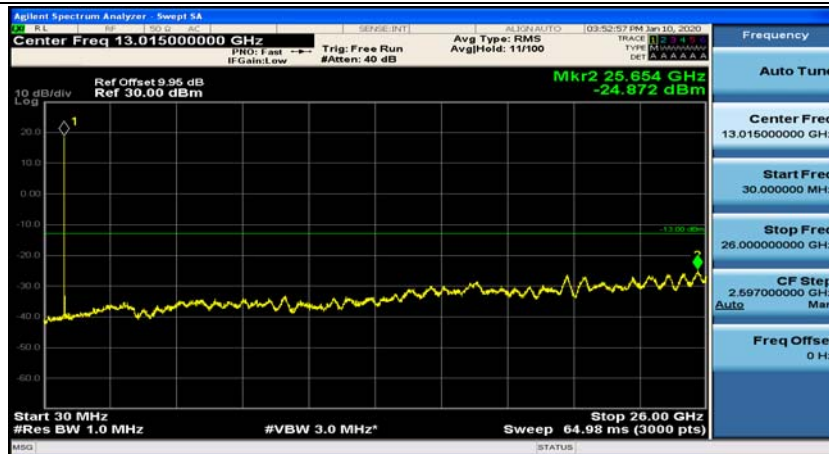
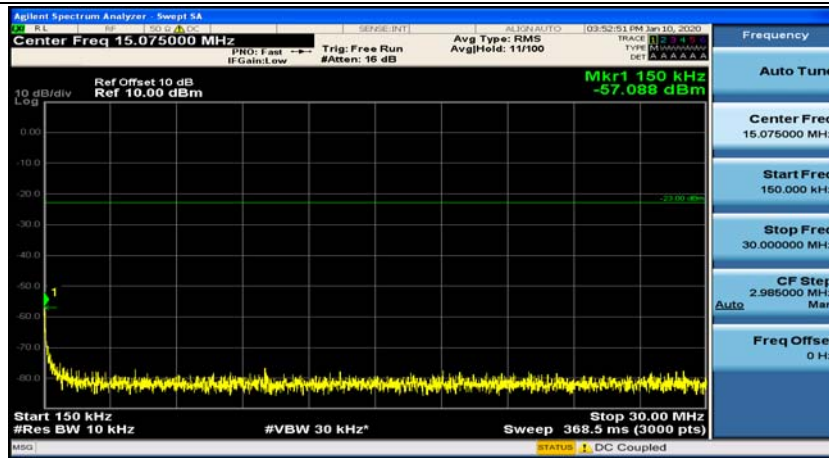
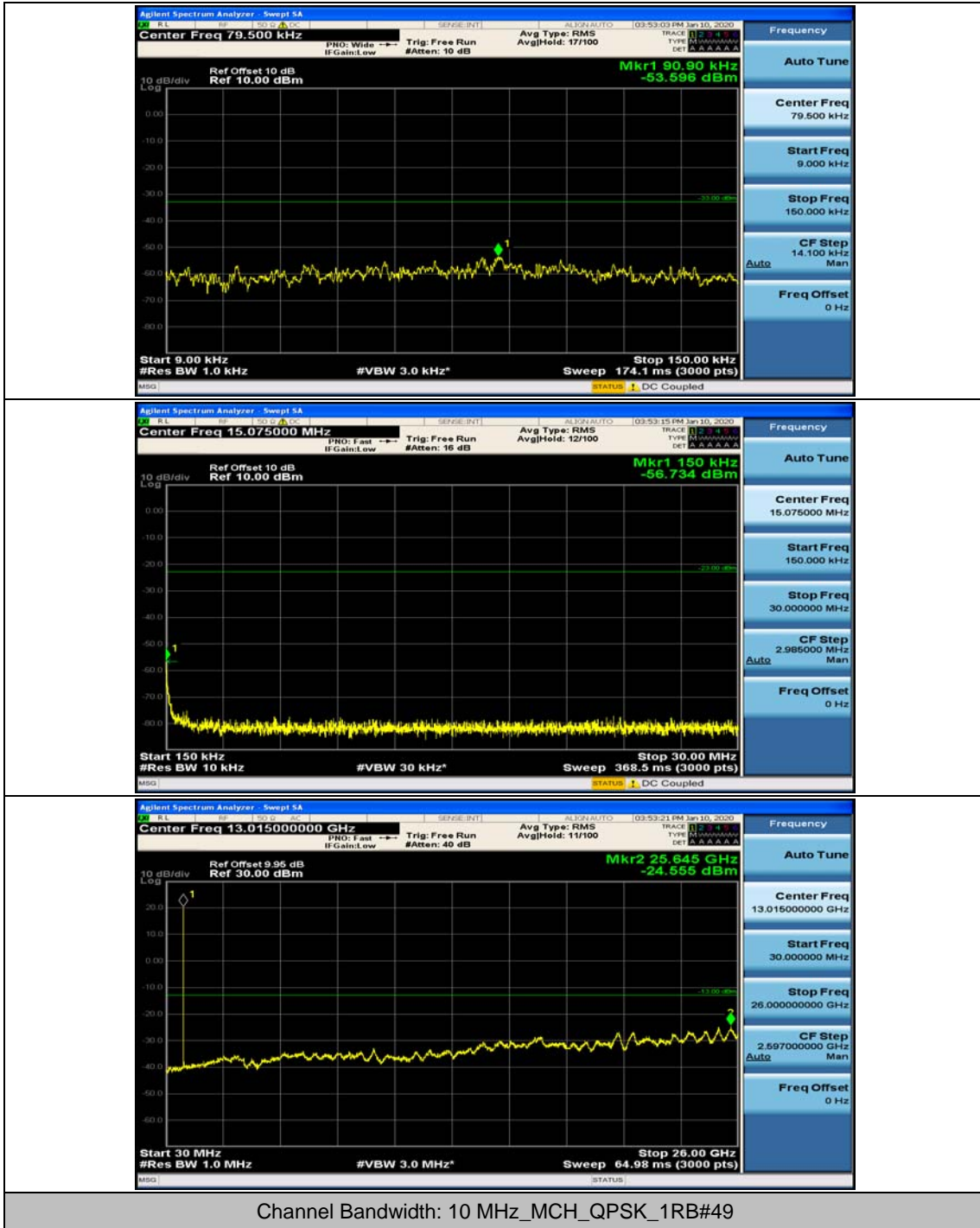


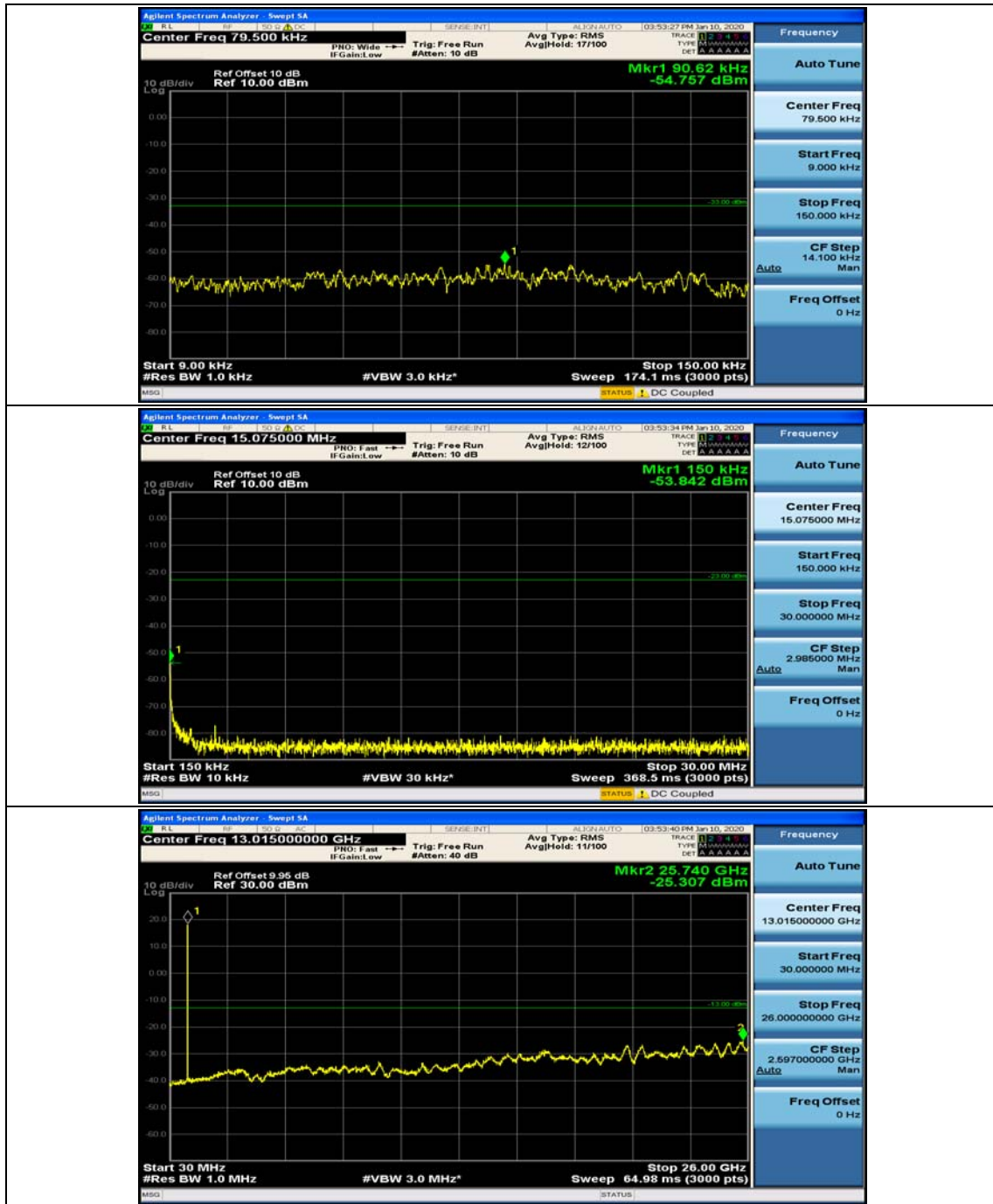


Channel Bandwidth: 10 MHz\_MCH\_QPSK\_1RB#0



Channel Bandwidth: 10 MHz\_MCH\_QPSK\_1RB#24

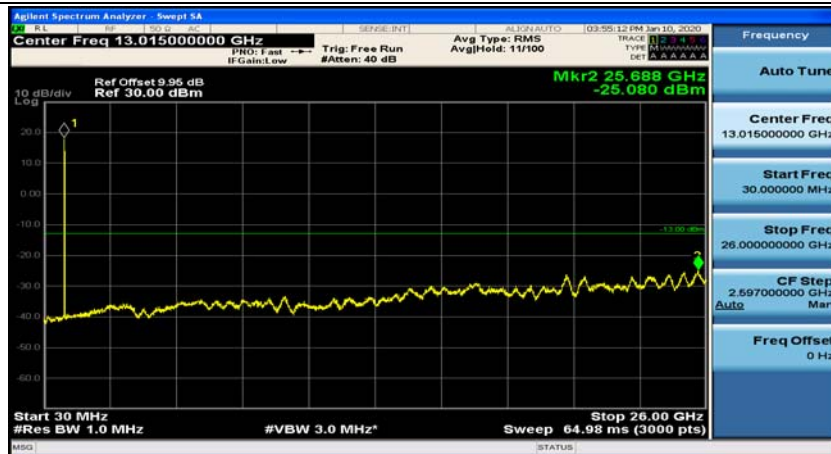
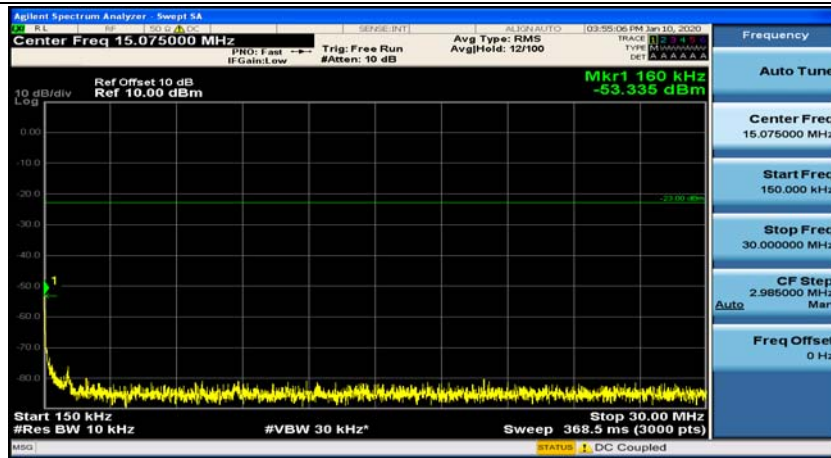
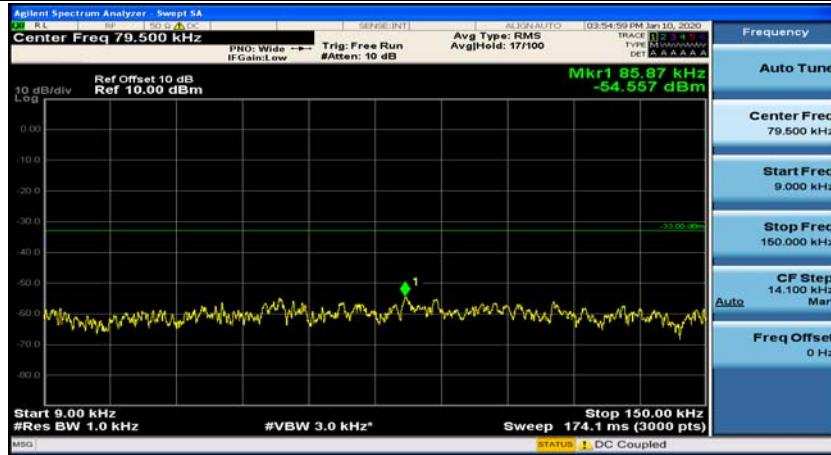




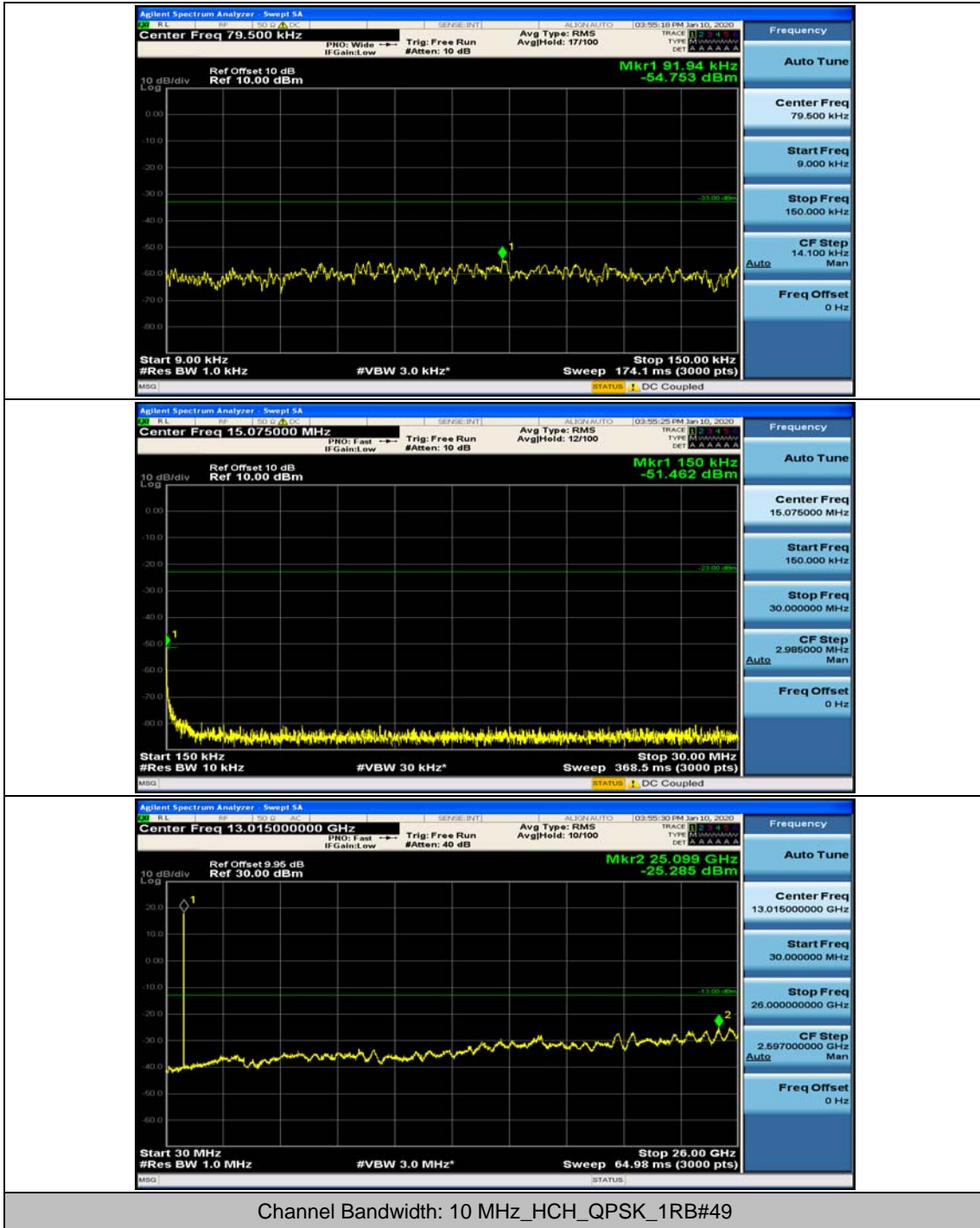


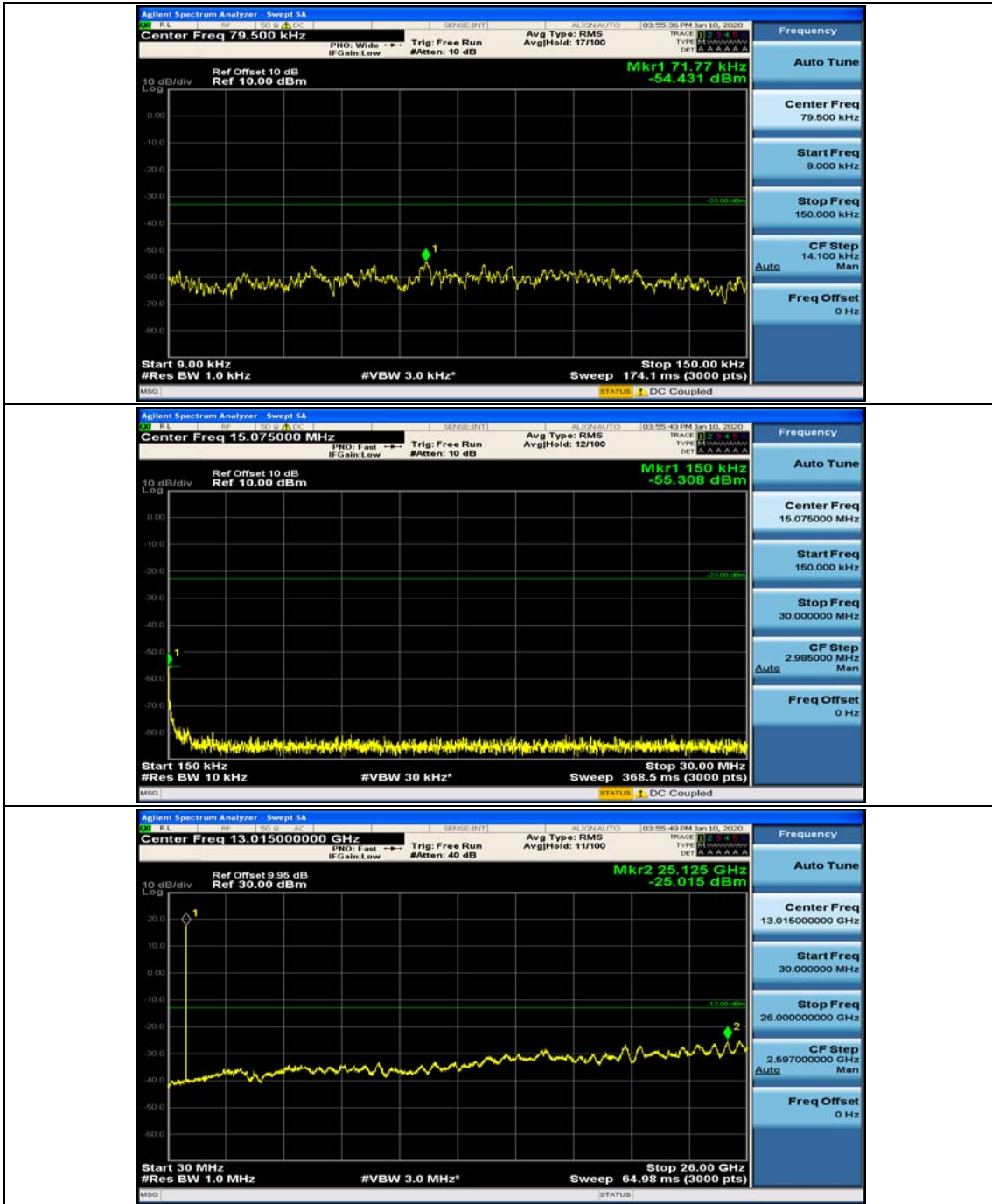


Channel Bandwidth: 10 MHz\_HCH\_QPSK\_1RB#0



Channel Bandwidth: 10 MHz\_HCH\_QPSK\_1RB#24

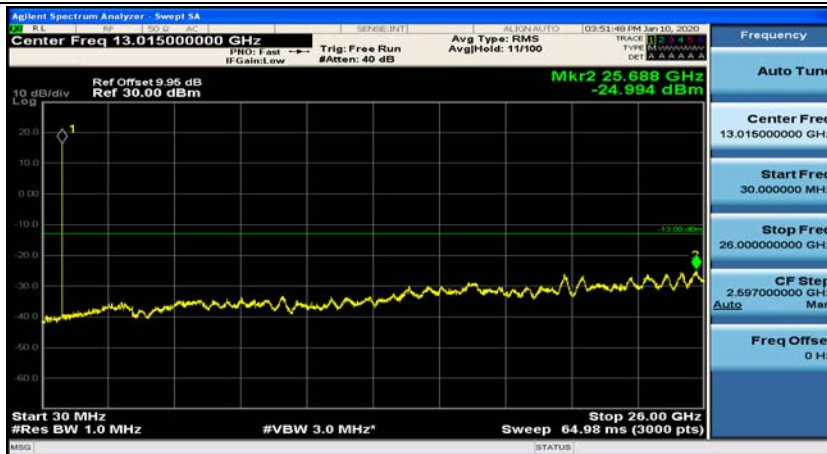
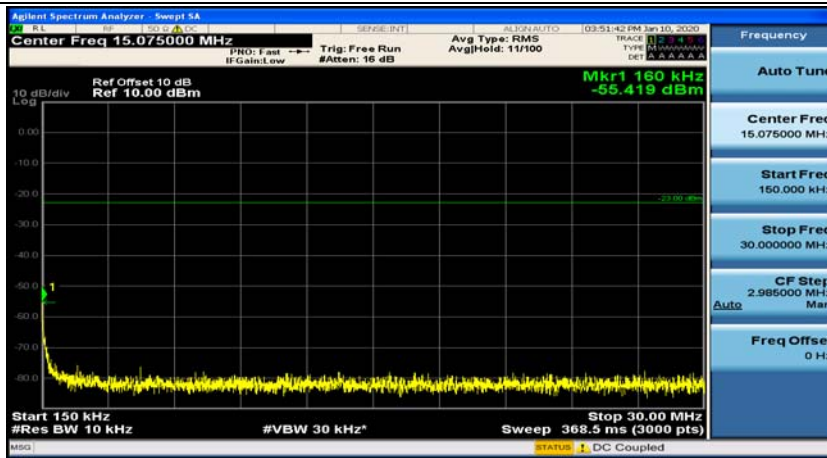




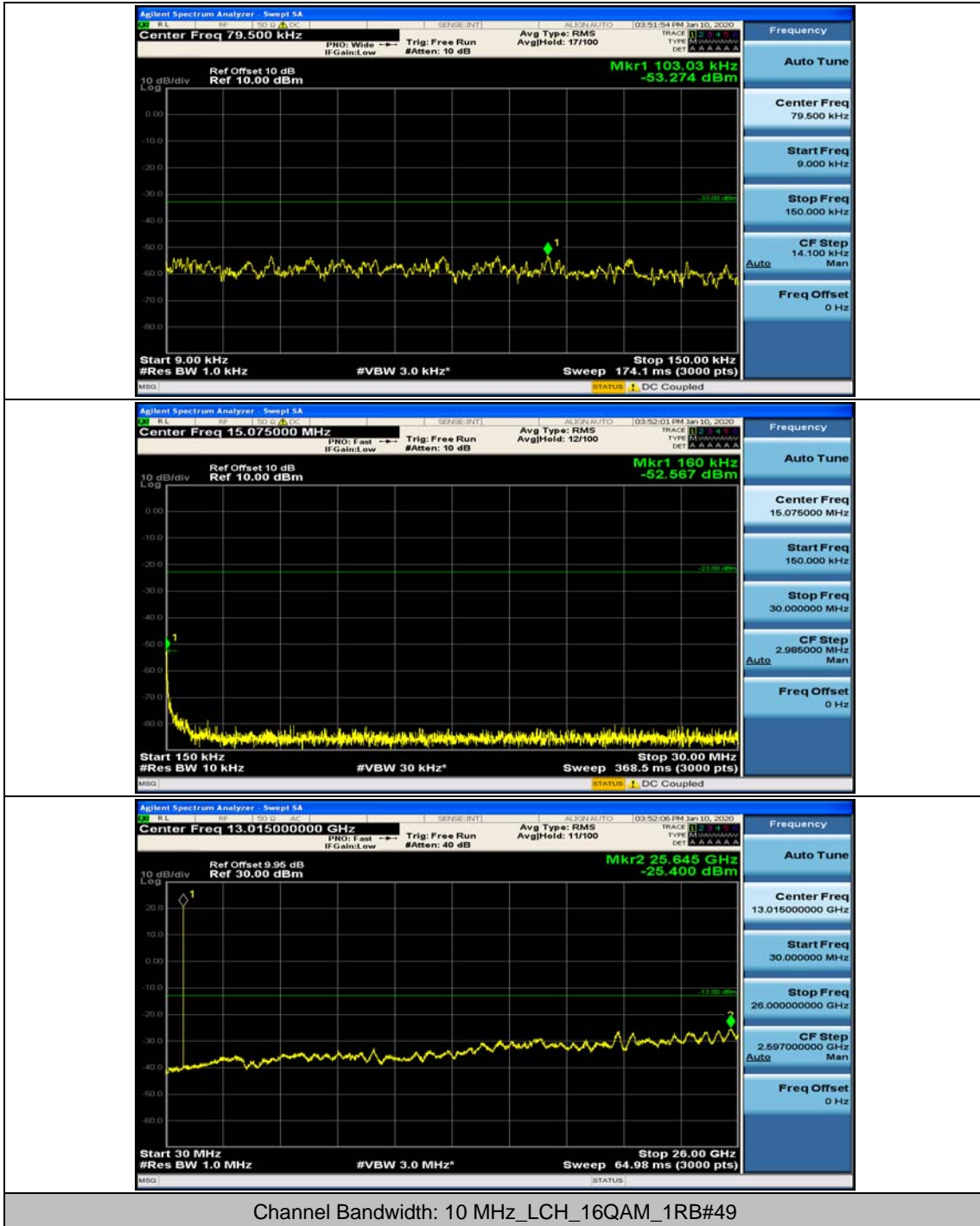


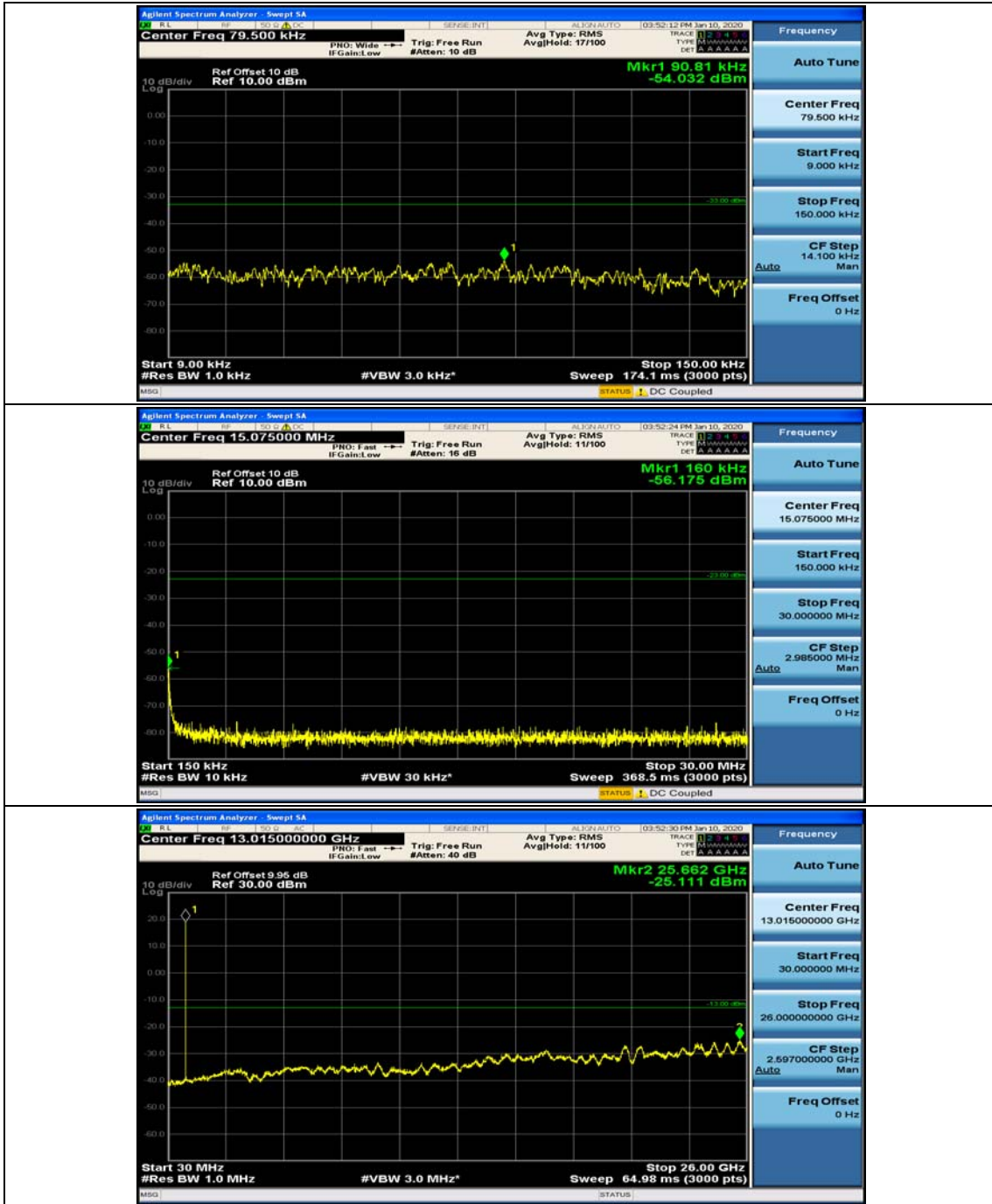


Channel Bandwidth: 10 MHz\_LCH\_16QAM\_1RB#0



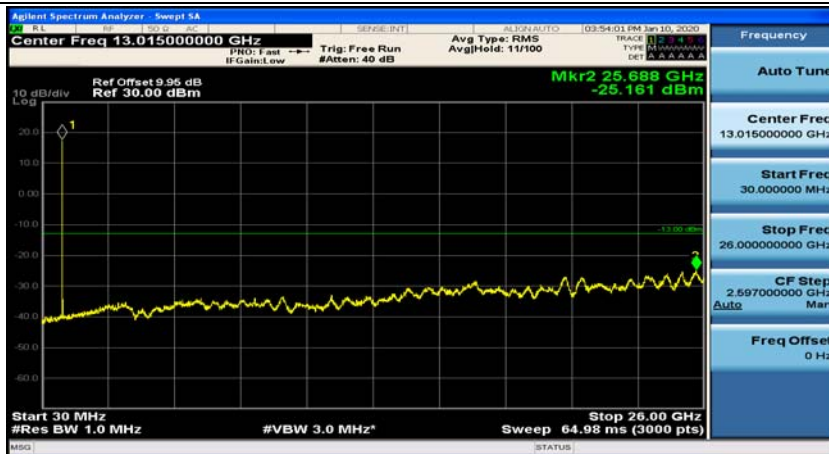
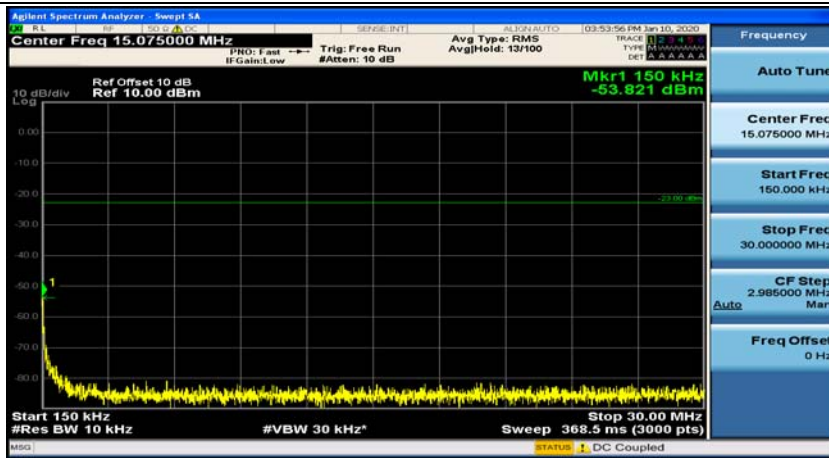
Channel Bandwidth: 10 MHz\_LCH\_16QAM\_1RB#24



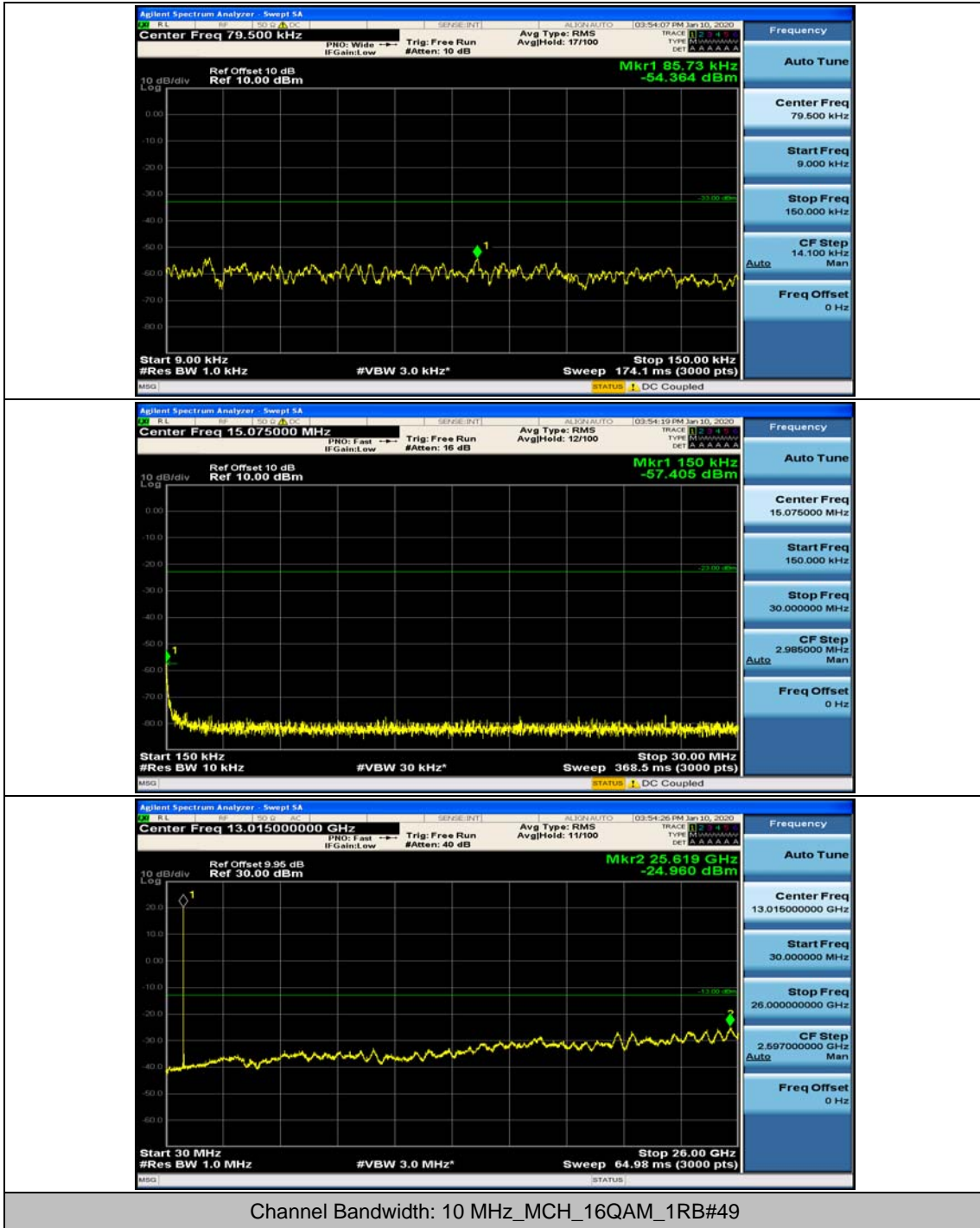




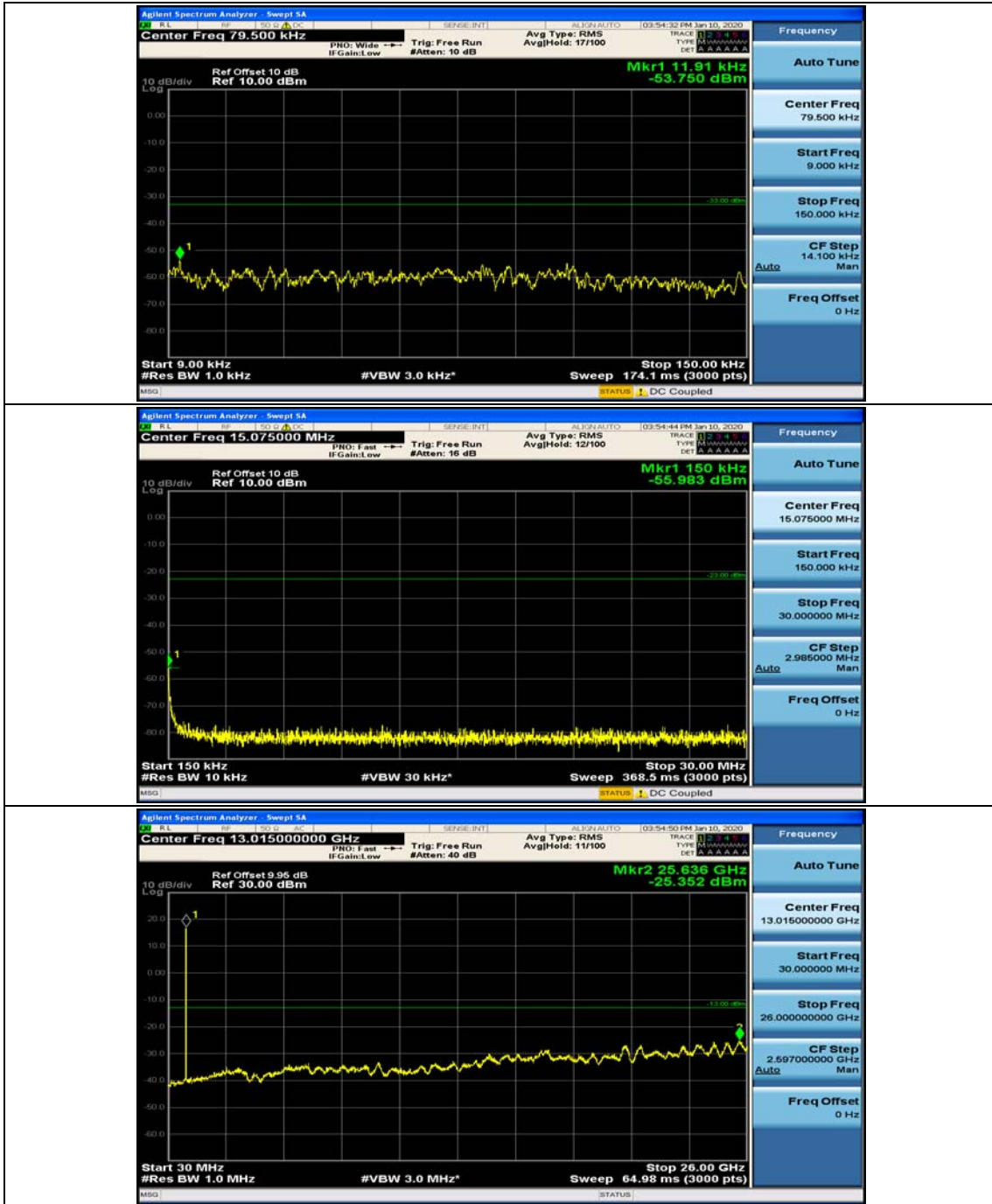
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#0



Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#24

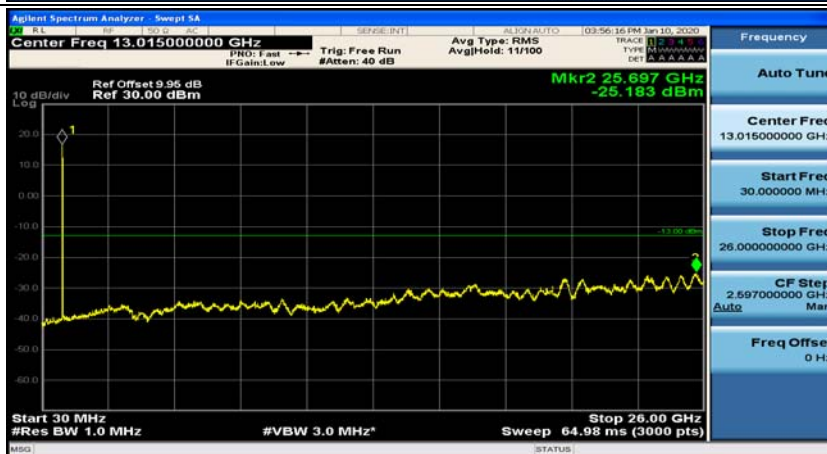
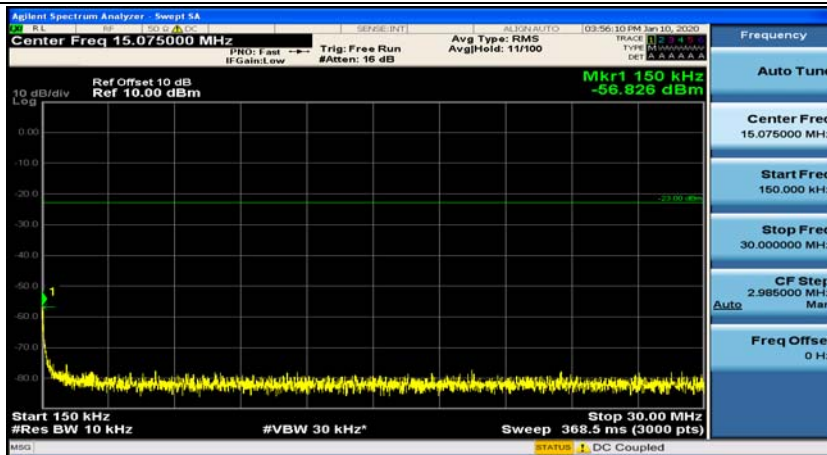




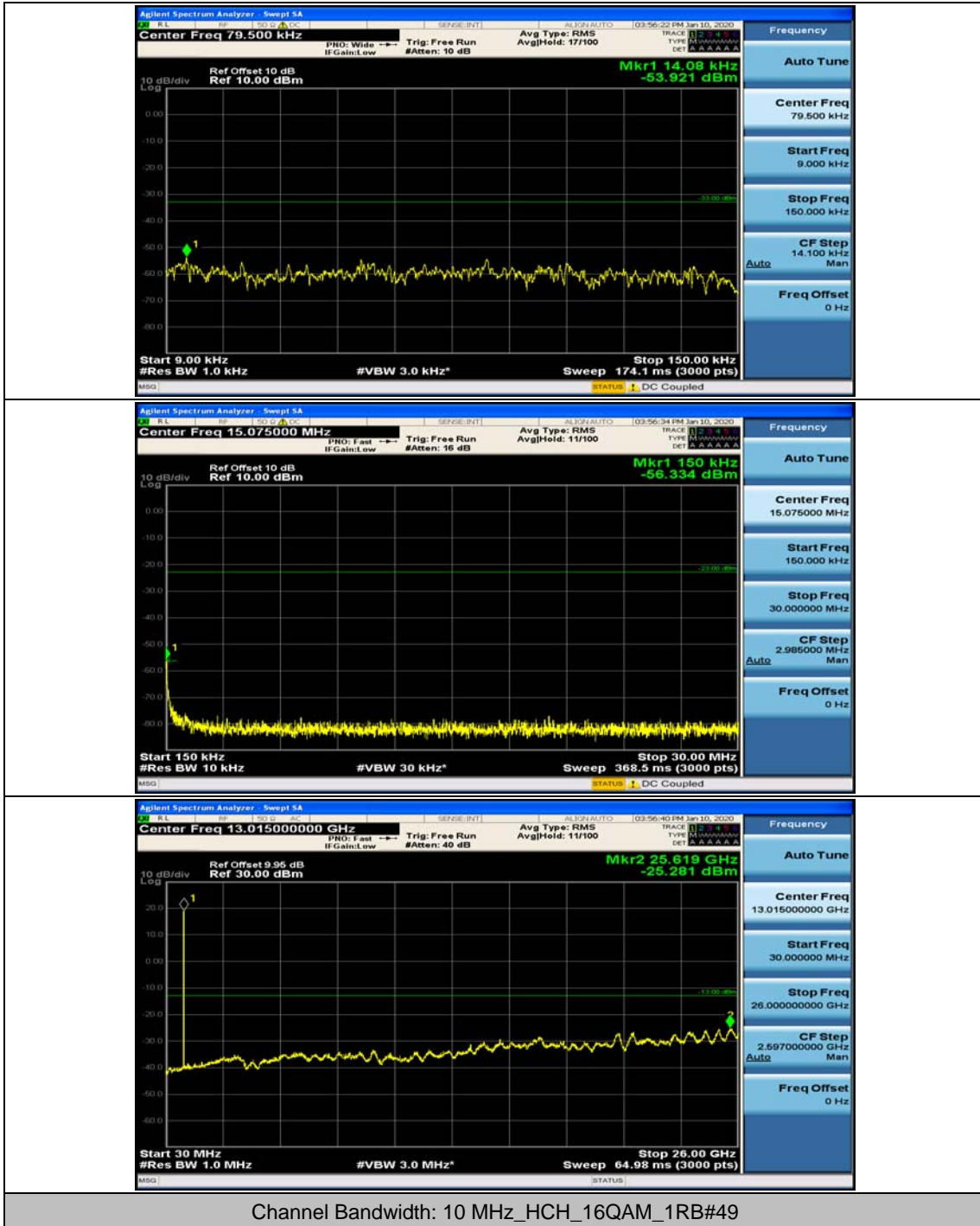




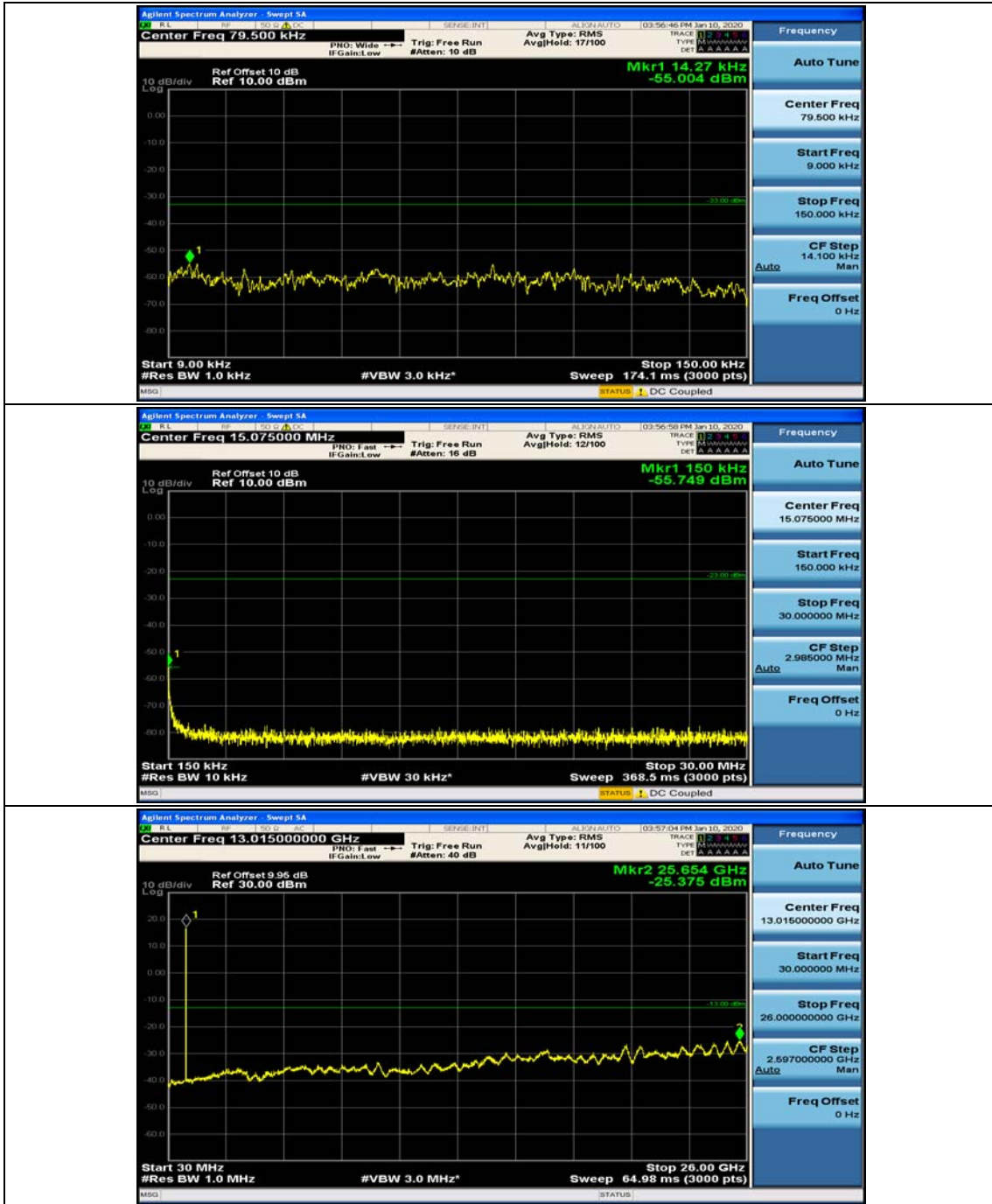
Channel Bandwidth: 10 MHz\_HCH\_16QAM\_1RB#0



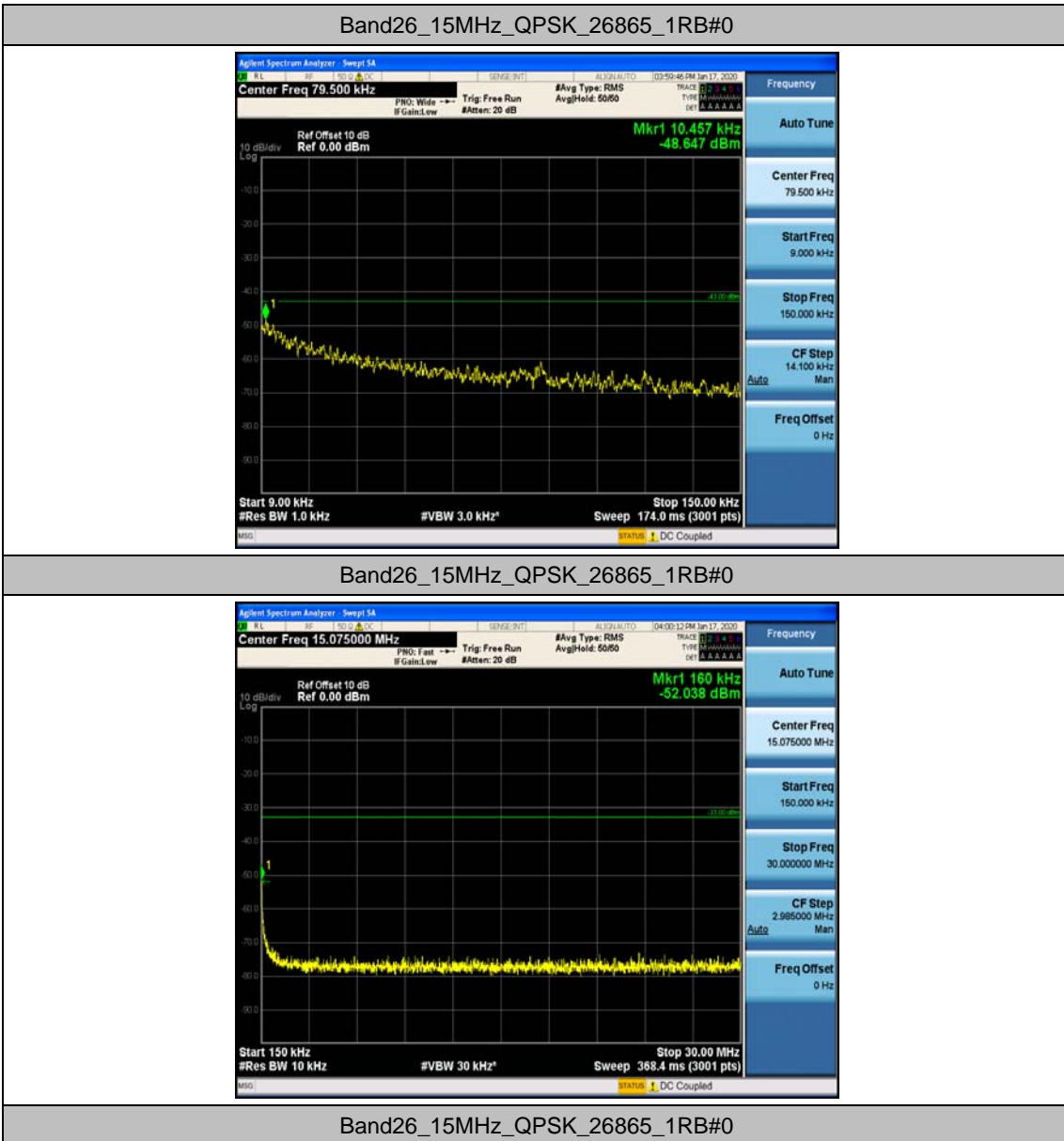
Channel Bandwidth: 10 MHz\_HCH\_16QAM\_1RB#24



Channel Bandwidth: 10 MHz\_HCH\_16QAM\_1RB#49



**Channel Bandwidth: 15 MHz**



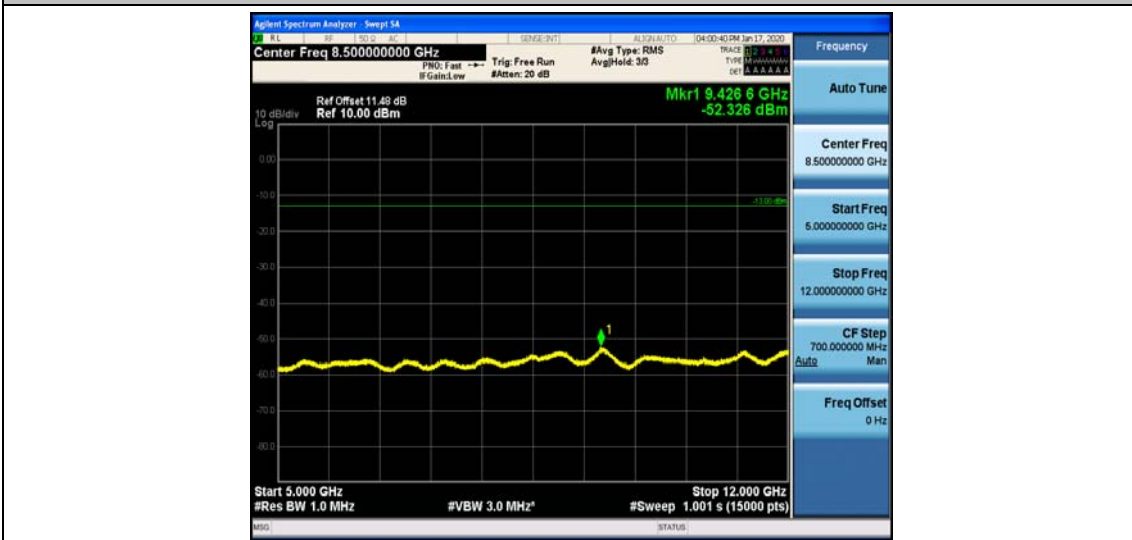




Band26\_15MHz\_QPSK\_26865\_1RB#0



Band26\_15MHz\_QPSK\_26865\_1RB#0



Band26\_15MHz\_QPSK\_26865\_1RB#0



Band26\_15MHz\_QPSK\_26915\_1RB#0



Band26\_15MHz\_QPSK\_26915\_1RB#0



Band26\_15MHz\_QPSK\_26915\_1RB#0



Band26\_15MHz\_QPSK\_26915\_1RB#0



Band26\_15MHz\_QPSK\_26915\_1RB#0



Band26\_15MHz\_QPSK\_26915\_1RB#0



Band26\_15MHz\_QPSK\_26965\_1RB#0



Band26\_15MHz\_QPSK\_26965\_1RB#0



Band26\_15MHz\_QPSK\_26965\_1RB#0



Band26\_15MHz\_QPSK\_26965\_1RB#0



Band26\_15MHz\_QPSK\_26965\_1RB#0



Band26\_15MHz\_QPSK\_26965\_1RB#0

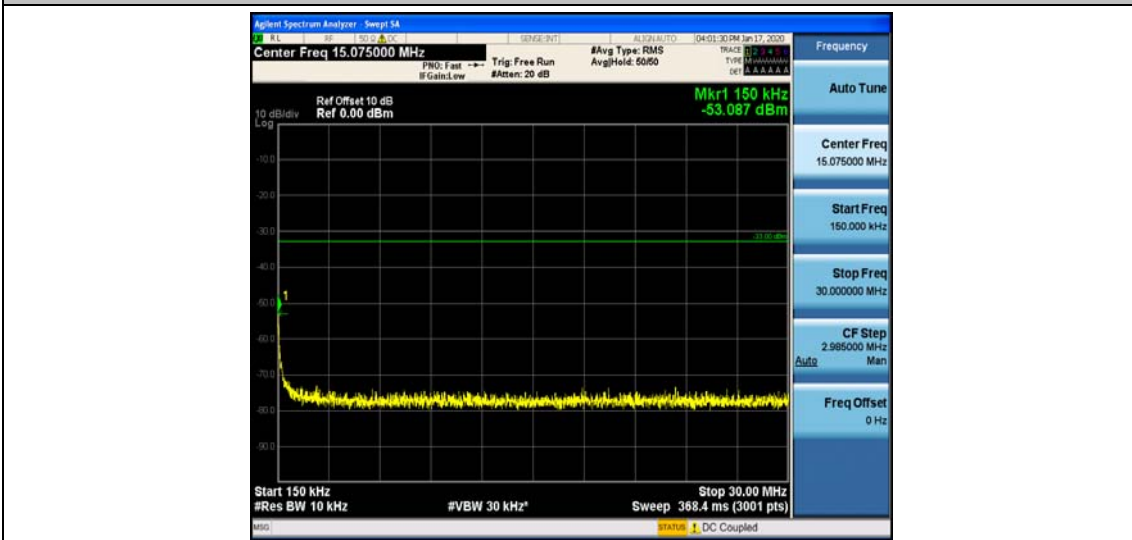




Band26\_15MHz\_16QAM\_26865\_1RB#0



Band26\_15MHz\_16QAM\_26865\_1RB#0



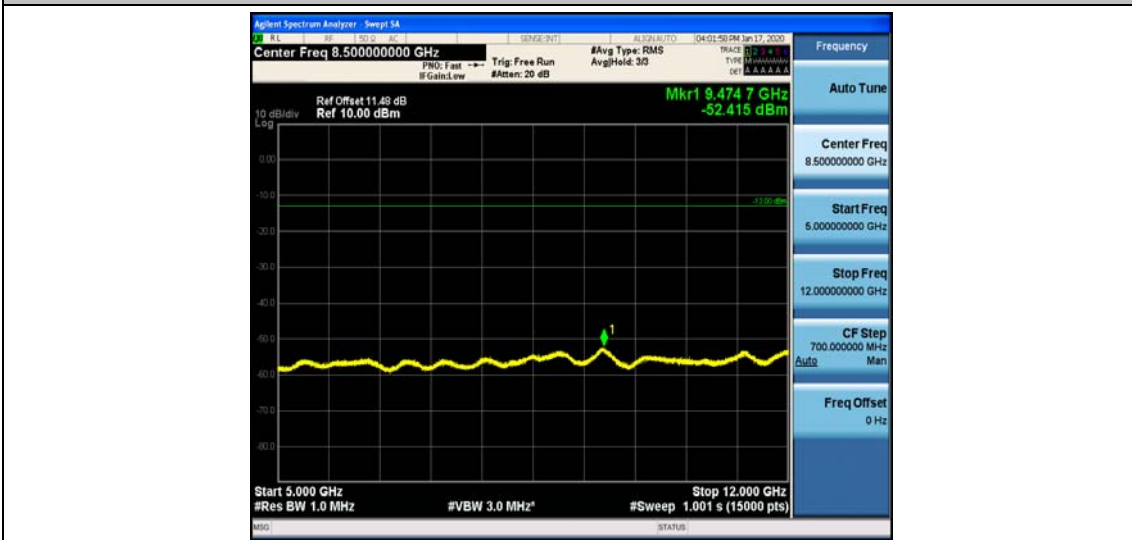
Band26\_15MHz\_16QAM\_26865\_1RB#0



Band26\_15MHz\_16QAM\_26865\_1RB#0



Band26\_15MHz\_16QAM\_26865\_1RB#0



Band26\_15MHz\_16QAM\_26865\_1RB#0



Band26\_15MHz\_16QAM\_26915\_1RB#0



Band26\_15MHz\_16QAM\_26915\_1RB#0



Band26\_15MHz\_16QAM\_26915\_1RB#0



Band26\_15MHz\_16QAM\_26915\_1RB#0



Band26\_15MHz\_16QAM\_26915\_1RB#0



Band26\_15MHz\_16QAM\_26915\_1RB#0



Band26\_15MHz\_16QAM\_26965\_1RB#0



Band26\_15MHz\_16QAM\_26965\_1RB#0



Band26\_15MHz\_16QAM\_26965\_1RB#0

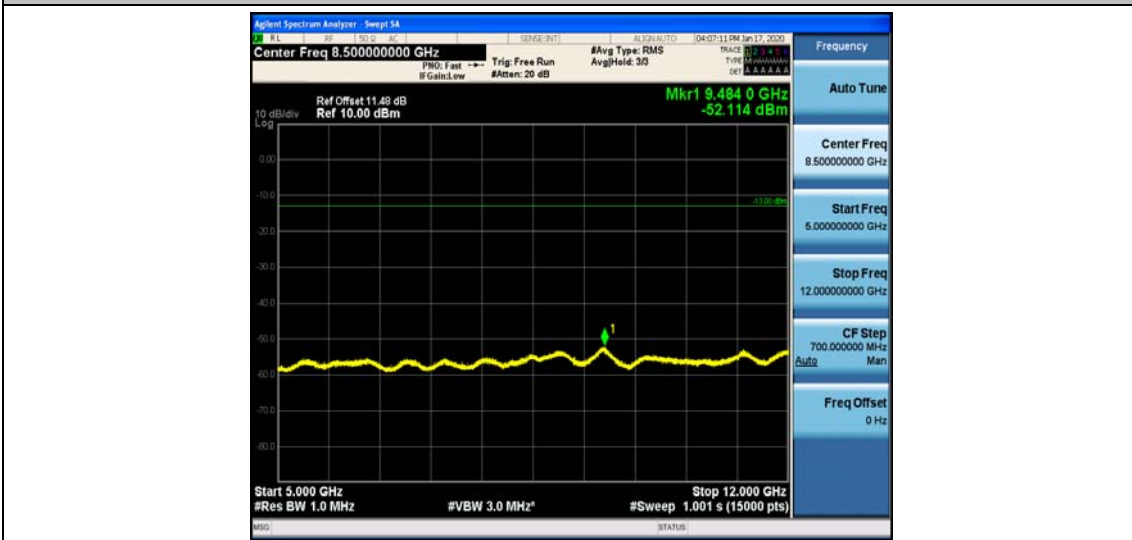




Band26\_15MHz\_16QAM\_26965\_1RB#0



Band26\_15MHz\_16QAM\_26965\_1RB#0



Band26\_15MHz\_16QAM\_26965\_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	0.15	0.000182	± 2.5	PASS
		VN	TN	3.83	0.004644	± 2.5	PASS
		VH	TN	4.19	0.005081	± 2.5	PASS
	MCH	VL	TN	1.15	0.001375	± 2.5	PASS
		VN	TN	4.34	0.005188	± 2.5	PASS
		VH	TN	-0.95	-0.001136	± 2.5	PASS
	HCH	VL	TN	3.95	0.004656	± 2.5	PASS
		VN	TN	3.89	0.004586	± 2.5	PASS
		VH	TN	0.72	0.000849	± 2.5	PASS
16QAM	LCH	VL	TN	-1.49	-0.001807	± 2.5	PASS
		VN	TN	1.42	0.001722	± 2.5	PASS
		VH	TN	-0.37	-0.000449	± 2.5	PASS
	MCH	VL	TN	3.44	0.004112	± 2.5	PASS
		VN	TN	0.52	0.000622	± 2.5	PASS
		VH	TN	-1.02	-0.001219	± 2.5	PASS
	HCH	VL	TN	2.28	0.002688	± 2.5	PASS
		VN	TN	4.49	0.005293	± 2.5	PASS
		VH	TN	-0.21	-0.000248	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-1.98	-0.002401	± 2.5	PASS
		VN	-20	4.1	0.004972	± 2.5	PASS
		VN	-10	4.45	0.005396	± 2.5	PASS
		VN	0	1.99	0.002413	± 2.5	PASS
		VN	10	2.62	0.003177	± 2.5	PASS
		VN	20	1.2	0.001455	± 2.5	PASS
		VN	30	3.61	0.004377	± 2.5	PASS
		VN	40	1.13	0.001370	± 2.5	PASS
	MCH	VN	-30	4.23	0.005057	± 2.5	PASS
		VN	-20	0.41	0.000490	± 2.5	PASS



		VN	-10	2.78	0.003323	± 2.5	PASS		
		VN	0	0.14	0.000167	± 2.5	PASS		
		VN	10	-0.07	-0.000084	± 2.5	PASS		
		VN	20	2.18	0.002606	± 2.5	PASS		
		VN	30	3.19	0.003814	± 2.5	PASS		
		VN	40	0.96	0.001148	± 2.5	PASS		
		VN	50	1.73	0.002068	± 2.5	PASS		
	HCH	VN	-30	4.76	0.005611	± 2.5	PASS		
		VN	-20	3.62	0.004267	± 2.5	PASS		
		VN	-10	1.13	0.001332	± 2.5	PASS		
		VN	0	0.05	0.000059	± 2.5	PASS		
		VN	10	3.09	0.003643	± 2.5	PASS		
		VN	20	1.38	0.001627	± 2.5	PASS		
		VN	30	-1.46	-0.001721	± 2.5	PASS		
		VN	40	4.04	0.004762	± 2.5	PASS		
		VN	50	0.05	0.000059	± 2.5	PASS		
		16QAM	LCH	VN	-30	4.18	0.005069	± 2.5	PASS
				VN	-20	-0.26	-0.000315	± 2.5	PASS
VN	-10			3.35	0.004062	± 2.5	PASS		
VN	0			-0.8	-0.000970	± 2.5	PASS		
VN	10			0.02	0.000024	± 2.5	PASS		
VN	20			1.77	0.002146	± 2.5	PASS		
VN	30			3.84	0.004656	± 2.5	PASS		
VN	40			-1.04	-0.001261	± 2.5	PASS		
VN	50			4.83	0.005857	± 2.5	PASS		
MCH	VN		-30	-0.74	-0.000872	± 2.5	PASS		
	VN		-20	3.99	0.004704	± 2.5	PASS		
	VN		-10	0.84	0.000990	± 2.5	PASS		
	VN		0	1.33	0.001568	± 2.5	PASS		
	VN		10	-0.03	-0.000035	± 2.5	PASS		
	VN		20	-0.47	-0.000554	± 2.5	PASS		
	VN		30	-0.51	-0.000601	± 2.5	PASS		
	VN		40	4.81	0.005670	± 2.5	PASS		
	VN		50	-1.84	-0.002169	± 2.5	PASS		
HCH	VN		-30	3.91	0.004609	± 2.5	PASS		
	VN		-20	-0.74	-0.000872	± 2.5	PASS		
	VN		-10	-0.73	-0.000861	± 2.5	PASS		
	VN		0	-0.01	-0.000012	± 2.5	PASS		
	VN		10	3.56	0.004197	± 2.5	PASS		
	VN		20	2.58	0.003041	± 2.5	PASS		
	VN		30	2.37	0.002794	± 2.5	PASS		



		VN	40	3.47	0.004091	± 2.5	PASS
		VN	50	3.06	0.003607	± 2.5	PASS

**Channel Bandwidth: 3 MHz**

Channel Bandwidth: 3 MHz+							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	4.39	0.005318	± 2.5	PASS
		VN	TN	3.86	0.004676	± 2.5	PASS
		VH	TN	-0.36	-0.000436	± 2.5	PASS
	MCH	VL	TN	-1.52	-0.001817	± 2.5	PASS
		VN	TN	-0.82	-0.000980	± 2.5	PASS
		VH	TN	0.54	0.000646	± 2.5	PASS
	HCH	VL	TN	2.17	0.002560	± 2.5	PASS
		VN	TN	1.22	0.001440	± 2.5	PASS
		VH	TN	-1.31	-0.001546	± 2.5	PASS
16QAM	LCH	VL	TN	-1.03	-0.001248	± 2.5	PASS
		VN	TN	0.26	0.000315	± 2.5	PASS
		VH	TN	3.93	0.004761	± 2.5	PASS
	MCH	VL	TN	0.53	0.000634	± 2.5	PASS
		VN	TN	-1.91	-0.002283	± 2.5	PASS
		VH	TN	0.49	0.000586	± 2.5	PASS
	HCH	VL	TN	2.04	0.002407	± 2.5	PASS
		VN	TN	1.43	0.001687	± 2.5	PASS
		VH	TN	4.14	0.004885	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	3.98	0.004821	± 2.5	PASS
		VN	-20	-1.88	-0.002277	± 2.5	PASS
		VN	-10	2.08	0.002520	± 2.5	PASS
		VN	0	2.52	0.003053	± 2.5	PASS
		VN	10	3.63	0.004397	± 2.5	PASS
		VN	20	1.63	0.001975	± 2.5	PASS
		VN	30	-1.82	-0.002205	± 2.5	PASS
		VN	40	-1.46	-0.001769	± 2.5	PASS
		VN	50	0.05	0.000061	± 2.5	PASS
	MCH	VN	-30	-0.65	-0.000777	± 2.5	PASS
		VN	-20	-0.89	-0.001064	± 2.5	PASS
		VN	-10	3.91	0.004674	± 2.5	PASS





		VN	0	0.16	0.000191	± 2.5	PASS		
		VN	10	3.57	0.004268	± 2.5	PASS		
		VN	20	-1.94	-0.002319	± 2.5	PASS		
		VN	30	-1.6	-0.001913	± 2.5	PASS		
		VN	40	3.51	0.004196	± 2.5	PASS		
		VN	50	4.08	0.004877	± 2.5	PASS		
	HCH	VN	-30	-0.04	-0.000047	± 2.5	PASS		
		VN	-20	4.43	0.005227	± 2.5	PASS		
		VN	-10	3.76	0.004437	± 2.5	PASS		
		VN	0	0.81	0.000956	± 2.5	PASS		
		VN	10	-0.27	-0.000319	± 2.5	PASS		
		VN	20	1.75	0.002065	± 2.5	PASS		
		VN	30	1.25	0.001475	± 2.5	PASS		
		VN	40	-0.95	-0.001121	± 2.5	PASS		
		VN	50	-1.86	-0.002195	± 2.5	PASS		
		16QAM	LCH	VN	-30	0.53	0.000634	± 2.5	PASS
				VN	-20	2.39	0.002857	± 2.5	PASS
				VN	-10	-0.42	-0.000502	± 2.5	PASS
VN	0			-1.28	-0.001530	± 2.5	PASS		
VN	10			2.44	0.002917	± 2.5	PASS		
VN	20			4.21	0.005033	± 2.5	PASS		
VN	30			2	0.002391	± 2.5	PASS		
VN	40			2.96	0.003539	± 2.5	PASS		
VN	50			2.43	0.002905	± 2.5	PASS		
MCH	VN		-30	4.01	0.004732	± 2.5	PASS		
	VN		-20	3.62	0.004271	± 2.5	PASS		
	VN		-10	-0.55	-0.000649	± 2.5	PASS		
	VN		0	4.26	0.005027	± 2.5	PASS		
	VN		10	2.89	0.003410	± 2.5	PASS		
	VN		20	2.82	0.003327	± 2.5	PASS		
	VN		30	2.48	0.002926	± 2.5	PASS		
	VN		40	1.87	0.002206	± 2.5	PASS		
	VN		50	0.82	0.000968	± 2.5	PASS		
HCH	VN		-30	-0.54	-0.000637	± 2.5	PASS		
	VN		-20	3.31	0.003906	± 2.5	PASS		
	VN		-10	3.16	0.003729	± 2.5	PASS		
	VN		0	2.64	0.003115	± 2.5	PASS		
	VN		10	4.84	0.005711	± 2.5	PASS		
	VN		20	1.06	0.001251	± 2.5	PASS		
	VN		30	1.07	0.001263	± 2.5	PASS		
	VN		40	-0.06	-0.000071	± 2.5	PASS		



		VN	50	1.4	0.001652	± 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	-0.09	-0.000109	± 2.5	PASS
		VN	TN	1.63	0.001972	± 2.5	PASS
		VH	TN	2.99	0.003618	± 2.5	PASS
	MCH	VL	TN	2.42	0.002893	± 2.5	PASS
		VN	TN	3.69	0.004411	± 2.5	PASS
		VH	TN	2.57	0.003072	± 2.5	PASS
	HCH	VL	TN	3.02	0.003568	± 2.5	PASS
		VN	TN	3.61	0.004265	± 2.5	PASS
		VH	TN	0.55	0.000650	± 2.5	PASS
16QAM	LCH	VL	TN	0.74	0.000895	± 2.5	PASS
		VN	TN	0.94	0.001137	± 2.5	PASS
		VH	TN	1.59	0.001924	± 2.5	PASS
	MCH	VL	TN	-1.31	-0.001566	± 2.5	PASS
		VN	TN	1.96	0.002343	± 2.5	PASS
		VH	TN	2.6	0.003108	± 2.5	PASS
	HCH	VL	TN	-0.34	-0.000402	± 2.5	PASS
		VN	TN	3.08	0.003639	± 2.5	PASS
		VH	TN	2.41	0.002847	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	4.09	0.004949	± 2.5	PASS
		VN	-20	-0.8	-0.000968	± 2.5	PASS
		VN	-10	4.15	0.005021	± 2.5	PASS
		VN	0	-1.71	-0.002069	± 2.5	PASS
		VN	10	-1.72	-0.002081	± 2.5	PASS
		VN	20	1.47	0.001779	± 2.5	PASS
		VN	30	1.91	0.002311	± 2.5	PASS
		VN	40	-0.87	-0.001053	± 2.5	PASS
		VN	50	1.96	0.002371	± 2.5	PASS
	MCH	VN	-30	-0.97	-0.001160	± 2.5	PASS
		VN	-20	0.04	0.000048	± 2.5	PASS
		VN	-10	2.29	0.002738	± 2.5	PASS
		VN	0	1.09	0.001303	± 2.5	PASS



		VN	10	-1.83	-0.002188	± 2.5	PASS
		VN	20	0.46	0.000550	± 2.5	PASS
		VN	30	-0.38	-0.000454	± 2.5	PASS
		VN	40	4.21	0.005033	± 2.5	PASS
		VN	50	1.75	0.002092	± 2.5	PASS
	HCH	VN	-30	3.06	0.003615	± 2.5	PASS
		VN	-20	-1.29	-0.001524	± 2.5	PASS
		VN	-10	0.82	0.000969	± 2.5	PASS
		VN	0	4.32	0.005103	± 2.5	PASS
		VN	10	3.72	0.004395	± 2.5	PASS
		VN	20	1.42	0.001677	± 2.5	PASS
		VN	30	4.47	0.005281	± 2.5	PASS
		VN	40	3.14	0.003709	± 2.5	PASS
		VN	50	4.91	0.005800	± 2.5	PASS
		16QAM	LCH	VN	-30	-1.71	-0.002044
VN	-20			4.14	0.004949	± 2.5	PASS
VN	-10			3.44	0.004112	± 2.5	PASS
VN	0			0.59	0.000705	± 2.5	PASS
VN	10			-1.71	-0.002044	± 2.5	PASS
VN	20			3.25	0.003885	± 2.5	PASS
VN	30			0.44	0.000526	± 2.5	PASS
VN	40			2.57	0.003072	± 2.5	PASS
VN	50			-1.2	-0.001435	± 2.5	PASS
MCH	VN		-30	2.94	0.003473	± 2.5	PASS
	VN		-20	4.81	0.005682	± 2.5	PASS
	VN		-10	0.72	0.000851	± 2.5	PASS
	VN		0	-0.95	-0.001122	± 2.5	PASS
	VN		10	-0.55	-0.000650	± 2.5	PASS
	VN		20	-1.7	-0.002008	± 2.5	PASS
	VN		30	0.65	0.000768	± 2.5	PASS
	VN		40	2.62	0.003095	± 2.5	PASS
	VN		50	4	0.004725	± 2.5	PASS
HCH	VN		-30	2.05	0.002422	± 2.5	PASS
	VN		-20	-1.11	-0.001311	± 2.5	PASS
	VN		-10	1.01	0.001193	± 2.5	PASS
	VN		0	-0.4	-0.000473	± 2.5	PASS
	VN		10	3.45	0.004076	± 2.5	PASS
	VN		20	1.94	0.002292	± 2.5	PASS
	VN		30	-0.06	-0.000071	± 2.5	PASS
	VN		40	0.93	0.001099	± 2.5	PASS
	VN		50	-1.74	-0.002056	± 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	2.77	0.003341	± 2.5	PASS
		VN	TN	1.56	0.001882	± 2.5	PASS
		VH	TN	0	0.000000	± 2.5	PASS
	MCH	VL	TN	4.13	0.004937	± 2.5	PASS
		VN	TN	-1.78	-0.002128	± 2.5	PASS
		VH	TN	3.39	0.004053	± 2.5	PASS
	HCH	VL	TN	3.03	0.003590	± 2.5	PASS
		VN	TN	-0.93	-0.001102	± 2.5	PASS
		VH	TN	1.18	0.001398	± 2.5	PASS
16QAM	LCH	VL	TN	0.7	0.000844	± 2.5	PASS
		VN	TN	-1.71	-0.002063	± 2.5	PASS
		VH	TN	2.07	0.002497	± 2.5	PASS
	MCH	VL	TN	3.31	0.003957	± 2.5	PASS
		VN	TN	2.95	0.003527	± 2.5	PASS
		VH	TN	4.91	0.005870	± 2.5	PASS
	HCH	VL	TN	-1.71	-0.002026	± 2.5	PASS
		VN	TN	4.97	0.005889	± 2.5	PASS
		VH	TN	1.58	0.001872	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	1.4	0.001689	± 2.5	PASS
		VN	-20	-1.02	-0.001230	± 2.5	PASS
		VN	-10	-0.27	-0.000326	± 2.5	PASS
		VN	0	-1.12	-0.001351	± 2.5	PASS
		VN	10	0.55	0.000663	± 2.5	PASS
		VN	20	3.86	0.004656	± 2.5	PASS
		VN	30	2.2	0.002654	± 2.5	PASS
		VN	40	3.66	0.004415	± 2.5	PASS
		VN	50	4.66	0.005621	± 2.5	PASS
	MCH	VN	-30	-0.01	-0.000012	± 2.5	PASS
		VN	-20	-1.41	-0.001686	± 2.5	PASS
		VN	-10	1.88	0.002247	± 2.5	PASS
		VN	0	3.65	0.004363	± 2.5	PASS
		VN	10	2	0.002391	± 2.5	PASS
		VN	20	3.45	0.004124	± 2.5	PASS



		VN	30	1.44	0.001721	± 2.5	PASS
		VN	40	-0.12	-0.000143	± 2.5	PASS
		VN	50	3.2	0.003825	± 2.5	PASS
	HCH	VN	-30	-0.8	-0.000948	± 2.5	PASS
		VN	-20	4.68	0.005545	± 2.5	PASS
		VN	-10	0.32	0.000379	± 2.5	PASS
		VN	0	-1.56	-0.001848	± 2.5	PASS
		VN	10	1.21	0.001434	± 2.5	PASS
		VN	20	2.93	0.003472	± 2.5	PASS
		VN	30	3.86	0.004573	± 2.5	PASS
		VN	40	2.62	0.003104	± 2.5	PASS
		VN	50	-1.1	-0.001303	± 2.5	PASS
16QAM	LCH	VN	-30	0.7	0.000837	± 2.5	PASS
		VN	-20	2.82	0.003371	± 2.5	PASS
		VN	-10	-0.3	-0.000359	± 2.5	PASS
		VN	0	2.86	0.003419	± 2.5	PASS
		VN	10	4.18	0.004997	± 2.5	PASS
		VN	20	-1.05	-0.001255	± 2.5	PASS
		VN	30	-0.07	-0.000084	± 2.5	PASS
		VN	40	-0.08	-0.000096	± 2.5	PASS
		VN	50	-1.87	-0.002236	± 2.5	PASS
	MCH	VN	-30	2.11	0.002500	± 2.5	PASS
		VN	-20	-1.07	-0.001268	± 2.5	PASS
		VN	-10	-1.69	-0.002002	± 2.5	PASS
		VN	0	1.93	0.002287	± 2.5	PASS
		VN	10	-0.84	-0.000995	± 2.5	PASS
		VN	20	0.17	0.000201	± 2.5	PASS
		VN	30	2.5	0.002962	± 2.5	PASS
		VN	40	1.42	0.001682	± 2.5	PASS
		VN	50	1.4	0.001659	± 2.5	PASS
	HCH	VN	-30	3.33	0.003945	± 2.5	PASS
		VN	-20	4.3	0.005095	± 2.5	PASS
		VN	-10	0.04	0.000047	± 2.5	PASS
		VN	0	-1.09	-0.001291	± 2.5	PASS
		VN	10	3.78	0.004479	± 2.5	PASS
		VN	20	0.61	0.000723	± 2.5	PASS
		VN	30	0.47	0.000557	± 2.5	PASS
		VN	40	0.16	0.000190	± 2.5	PASS
		VN	50	2.88	0.003412	± 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	2.77	0.003331	± 2.5	PASS
		VN	TN	4.46	0.005364	± 2.5	PASS
		VH	TN	-1.61	-0.001936	± 2.5	PASS
	MCH	VL	TN	4.67	0.005583	± 2.5	PASS
		VN	TN	-1.63	-0.001949	± 2.5	PASS
		VH	TN	0.37	0.000442	± 2.5	PASS
	HCH	VL	TN	2.14	0.002543	± 2.5	PASS
		VN	TN	-0.32	-0.000380	± 2.5	PASS
		VH	TN	-1.33	-0.001581	± 2.5	PASS
16QAM	LCH	VL	TN	-1.77	-0.002129	± 2.5	PASS
		VN	TN	-0.93	-0.001118	± 2.5	PASS
		VH	TN	4.58	0.005508	± 2.5	PASS
	MCH	VL	TN	4.12	0.004925	± 2.5	PASS
		VN	TN	-1.71	-0.002044	± 2.5	PASS
		VH	TN	-1.75	-0.002092	± 2.5	PASS
	HCH	VL	TN	4.82	0.005728	± 2.5	PASS
		VN	TN	-0.36	-0.000428	± 2.5	PASS
		VH	TN	-1.06	-0.001260	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	4.93	0.005929	± 2.5	PASS
		VN	-20	4.93	0.005929	± 2.5	PASS
		VN	-10	-1.25	-0.001503	± 2.5	PASS
		VN	0	3.35	0.004029	± 2.5	PASS
		VN	10	2.95	0.003548	± 2.5	PASS
		VN	20	-1.04	-0.001251	± 2.5	PASS
		VN	30	1.83	0.002201	± 2.5	PASS
		VN	40	0.99	0.001191	± 2.5	PASS
		VN	50	2.49	0.002995	± 2.5	PASS
	MCH	VN	-30	-1.45	-0.001733	± 2.5	PASS
		VN	-20	4.98	0.005953	± 2.5	PASS
		VN	-10	1.88	0.002247	± 2.5	PASS
		VN	0	3.98	0.004758	± 2.5	PASS
		VN	10	1.25	0.001494	± 2.5	PASS



		VN	20	3.32	0.003969	± 2.5	PASS
		VN	30	1	0.001195	± 2.5	PASS
		VN	40	-0.43	-0.000514	± 2.5	PASS
		VN	50	1.74	0.002080	± 2.5	PASS
	HCH	VN	-30	2.2	0.002614	± 2.5	PASS
		VN	-20	3.9	0.004635	± 2.5	PASS
		VN	-10	-0.26	-0.000309	± 2.5	PASS
		VN	0	4.56	0.005419	± 2.5	PASS
		VN	10	4.23	0.005027	± 2.5	PASS
		VN	20	3.6	0.004278	± 2.5	PASS
		VN	30	2.18	0.002591	± 2.5	PASS
		VN	40	3.85	0.004575	± 2.5	PASS
		VN	50	2.72	0.003232	± 2.5	PASS
		16QAM	LCH	VN	-30	0.62	0.000746
VN	-20			2.5	0.003007	± 2.5	PASS
VN	-10			1	0.001203	± 2.5	PASS
VN	0			-0.2	-0.000241	± 2.5	PASS
VN	10			-0.51	-0.000613	± 2.5	PASS
VN	20			-1.84	-0.002213	± 2.5	PASS
VN	30			-0.05	-0.000060	± 2.5	PASS
VN	40			-1.56	-0.001876	± 2.5	PASS
VN	50			3.44	0.004137	± 2.5	PASS
MCH	VN		-30	0.16	0.000191	± 2.5	PASS
	VN		-20	3.37	0.004029	± 2.5	PASS
	VN		-10	2.31	0.002762	± 2.5	PASS
	VN		0	-1.19	-0.001423	± 2.5	PASS
	VN		10	0.72	0.000861	± 2.5	PASS
	VN		20	1.7	0.002032	± 2.5	PASS
	VN		30	2.36	0.002821	± 2.5	PASS
	VN		40	1.79	0.002140	± 2.5	PASS
	VN		50	4.41	0.005272	± 2.5	PASS
HCH	VN		-30	2.22	0.002638	± 2.5	PASS
	VN		-20	2.25	0.002674	± 2.5	PASS
	VN		-10	3.56	0.004231	± 2.5	PASS
	VN		0	-0.11	-0.000131	± 2.5	PASS
	VN		10	3.27	0.003886	± 2.5	PASS
	VN		20	1.73	0.002056	± 2.5	PASS
	VN		30	1.71	0.002032	± 2.5	PASS
	VN		40	-1.41	-0.001676	± 2.5	PASS
	VN		50	1.95	0.002317	± 2.5	PASS