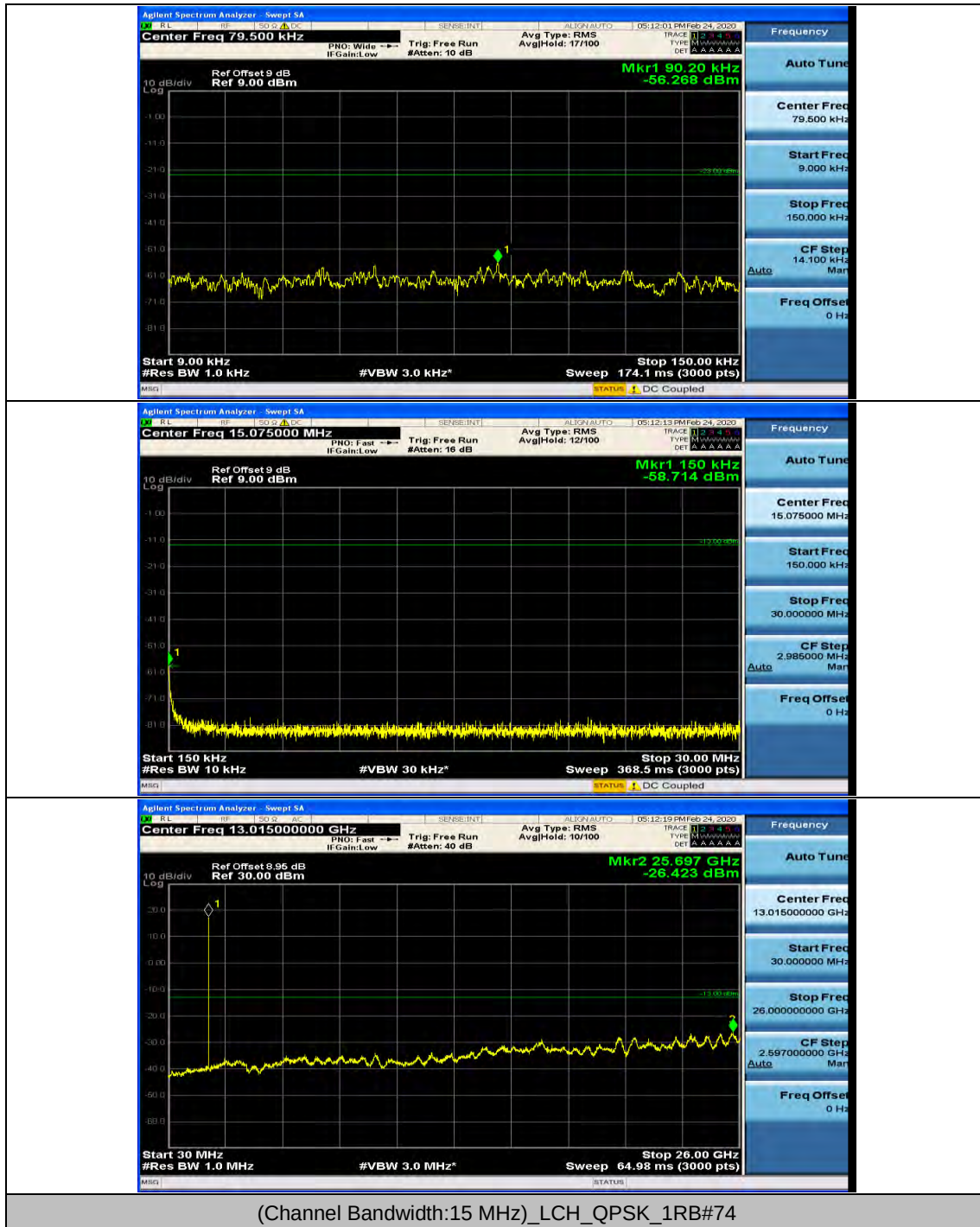
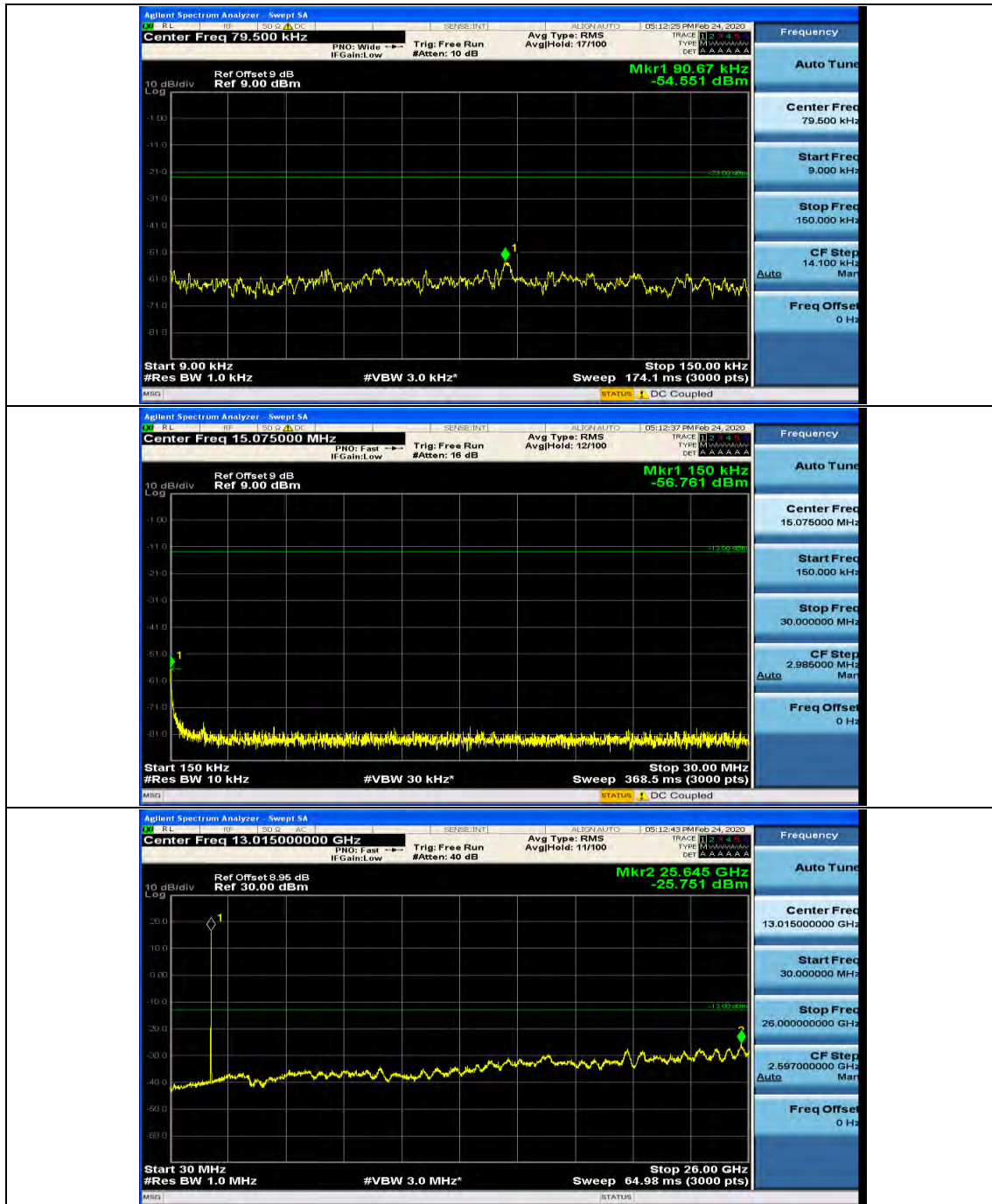
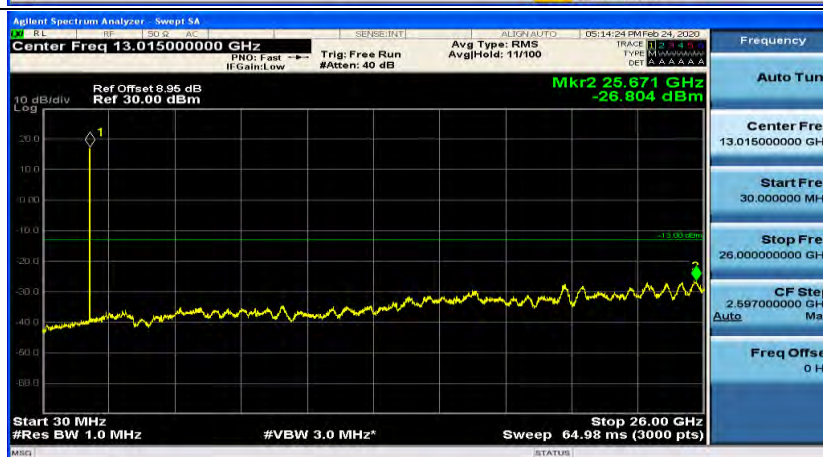
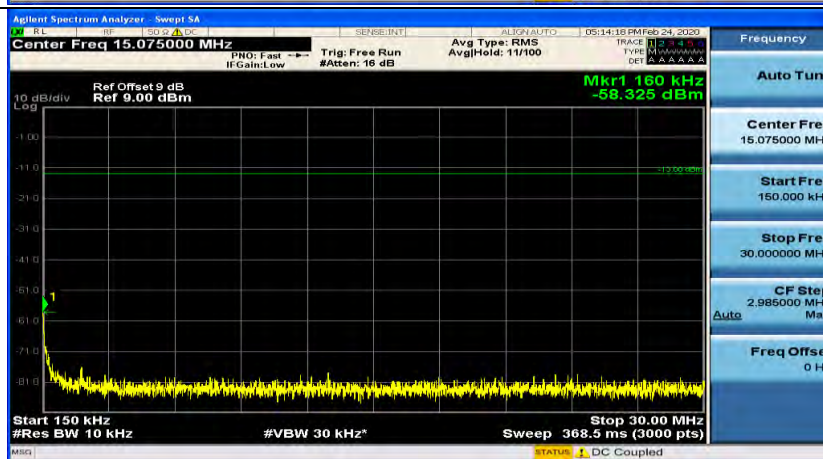
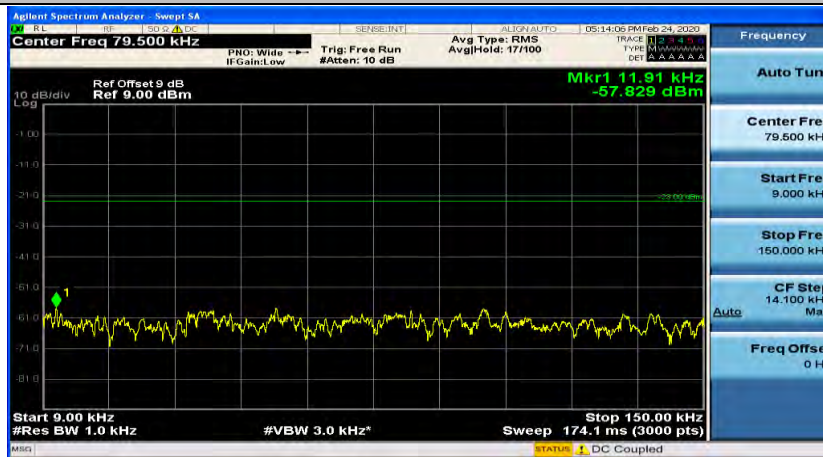


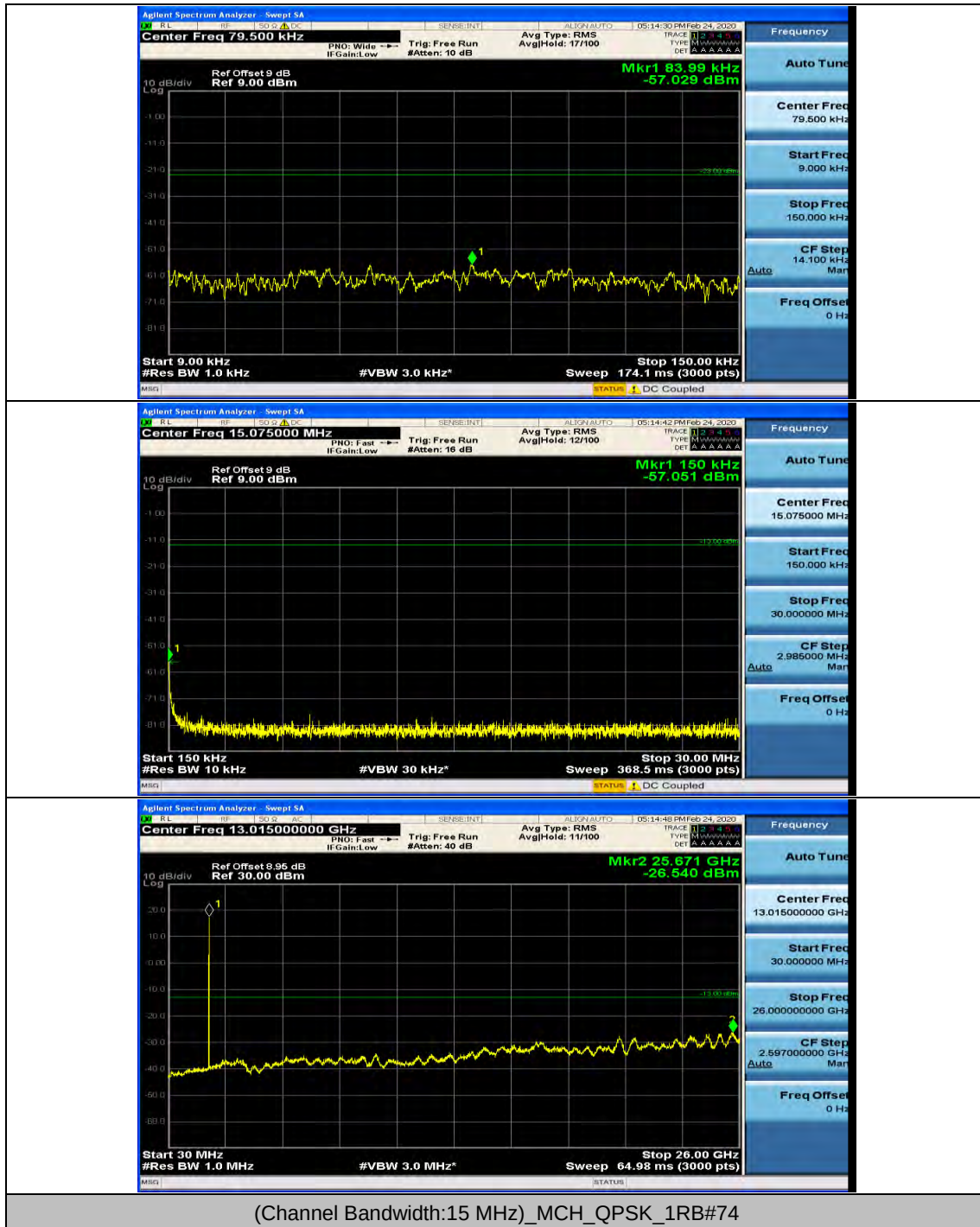


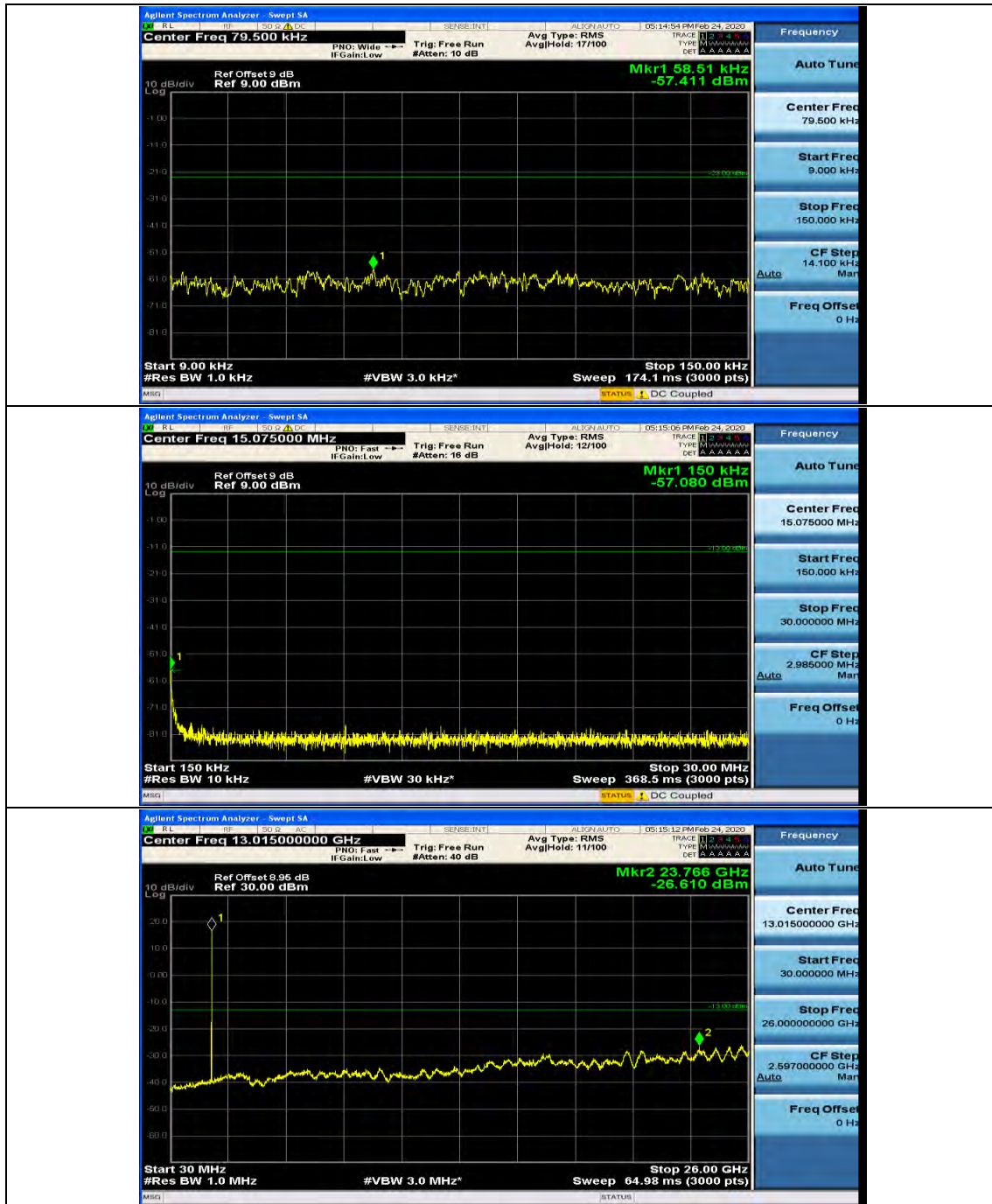


(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0

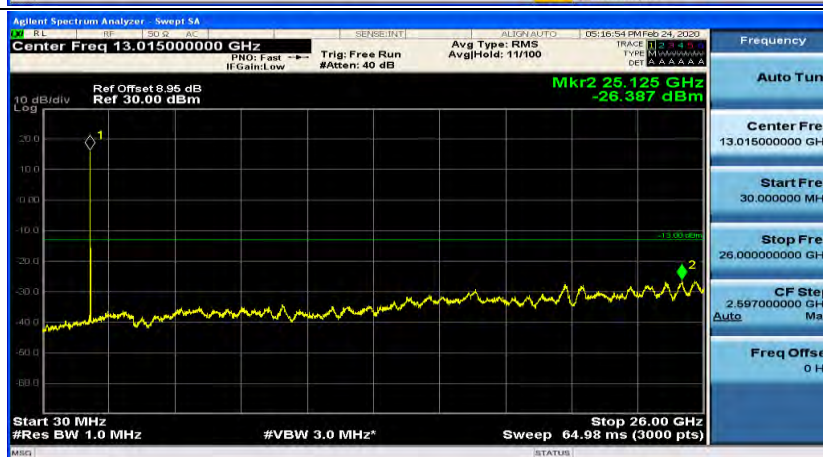
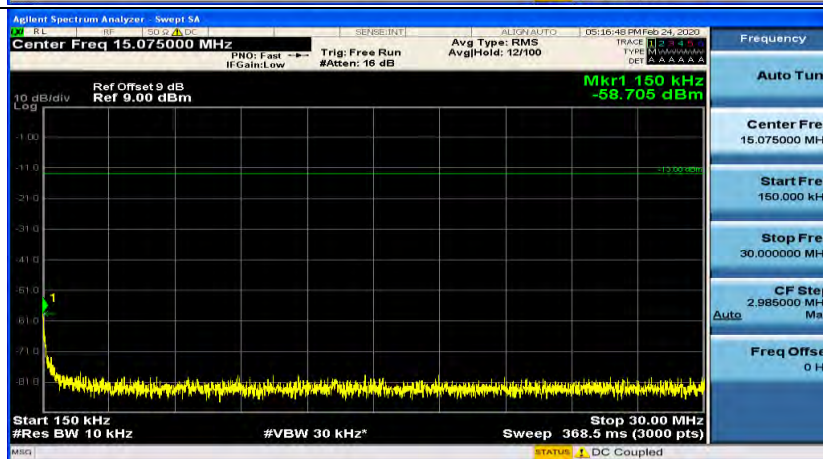
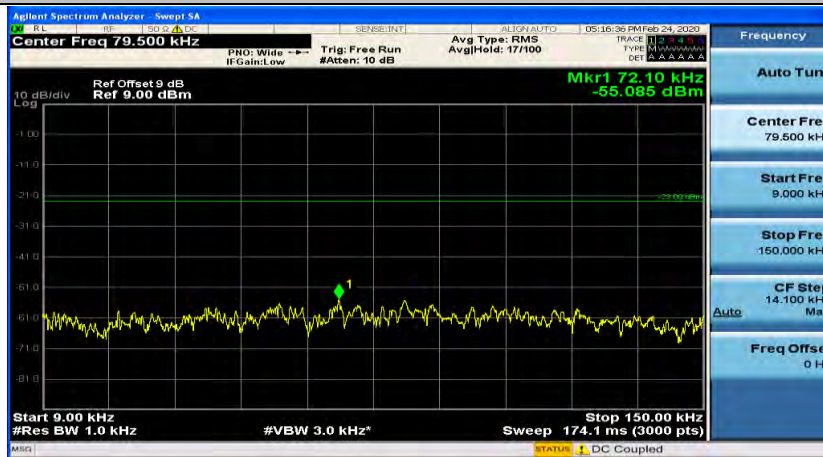


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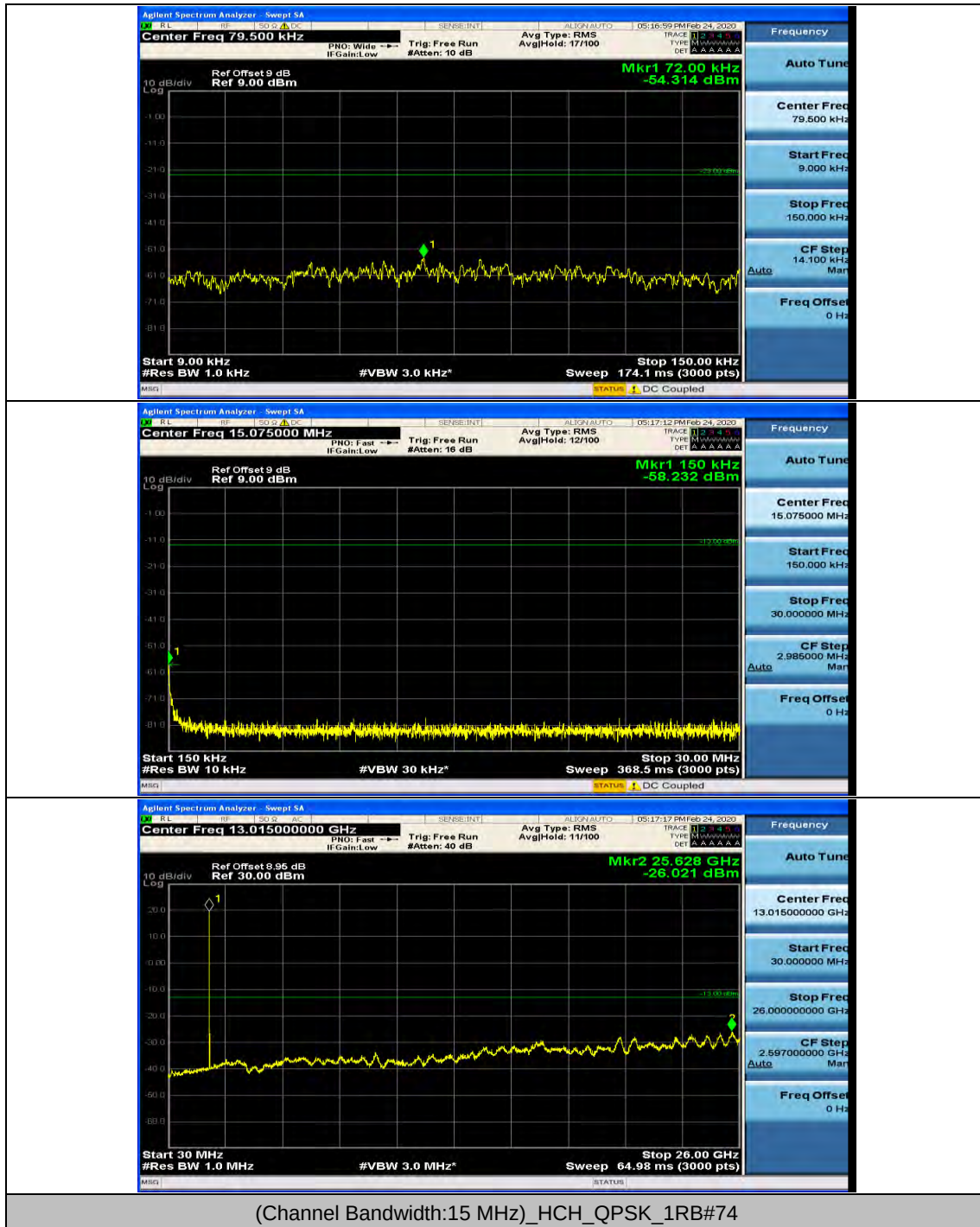


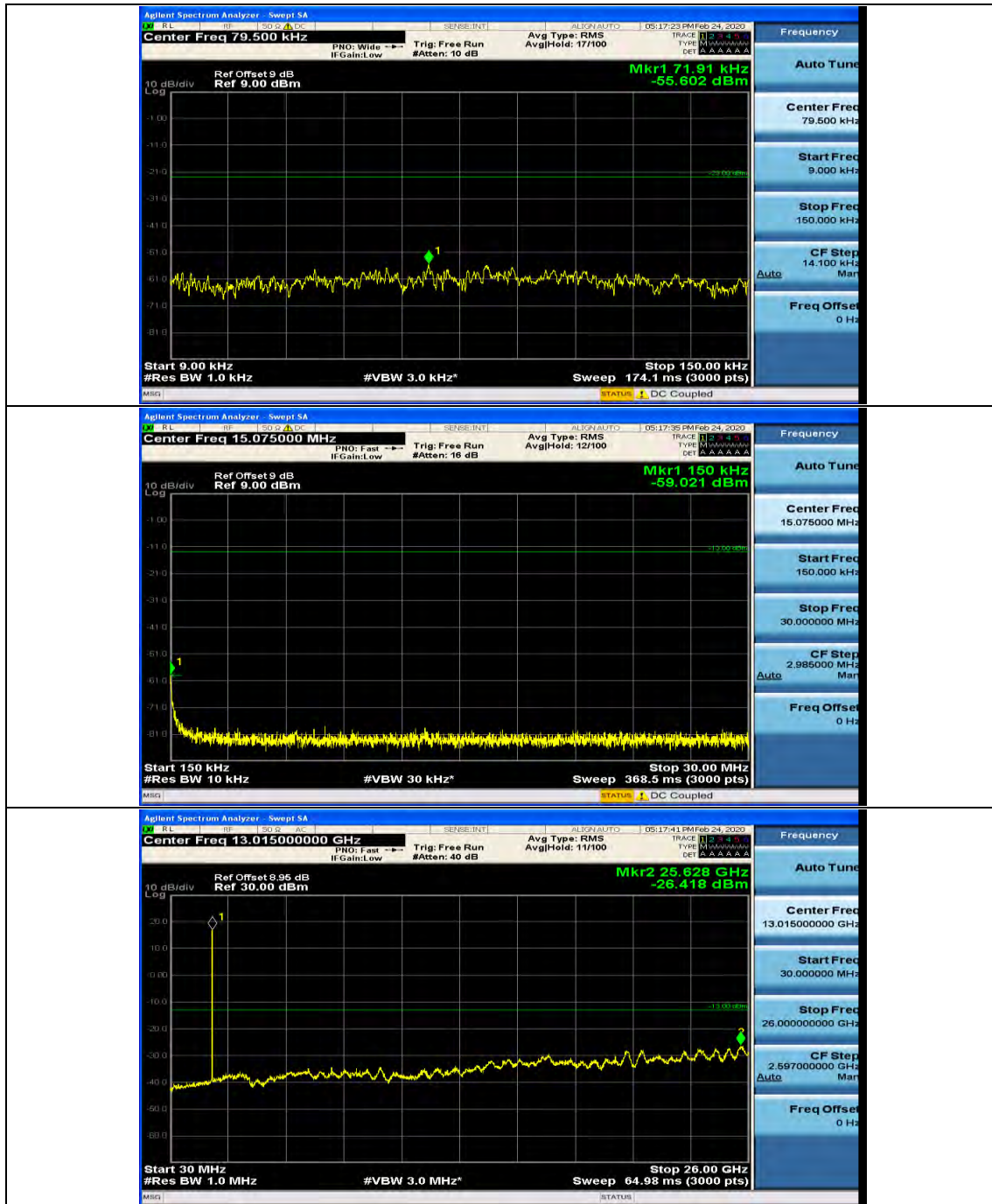


(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0

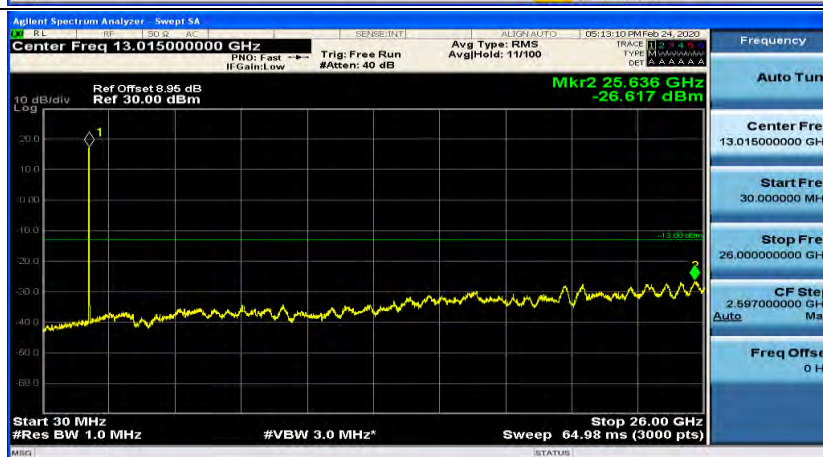
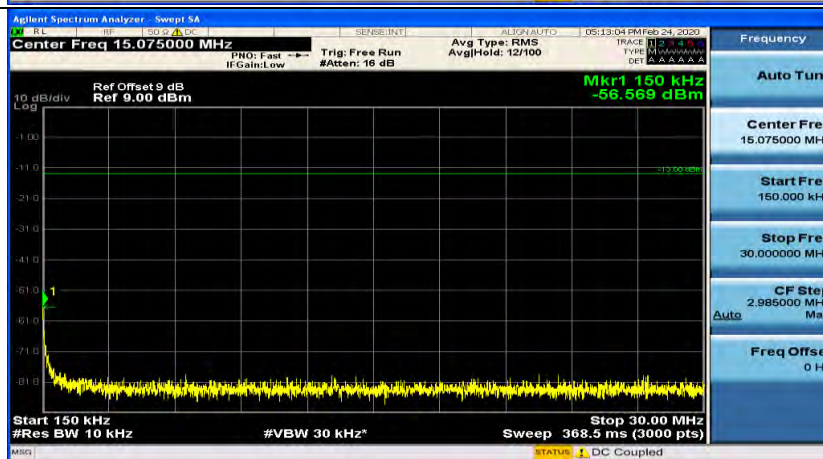
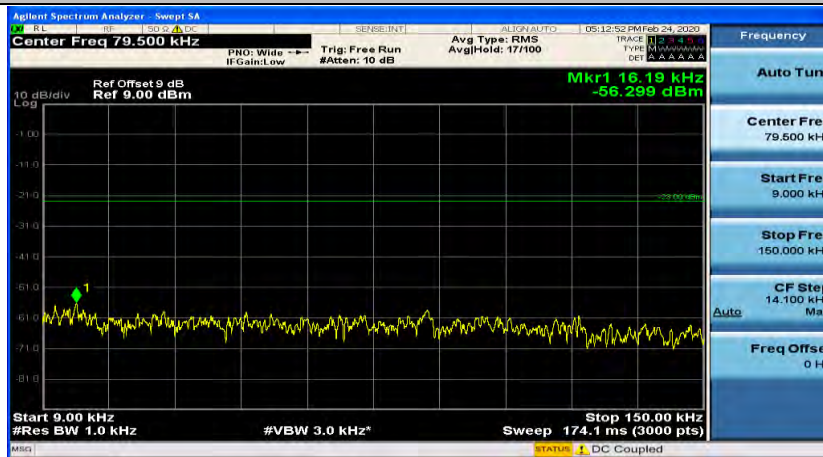


(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37

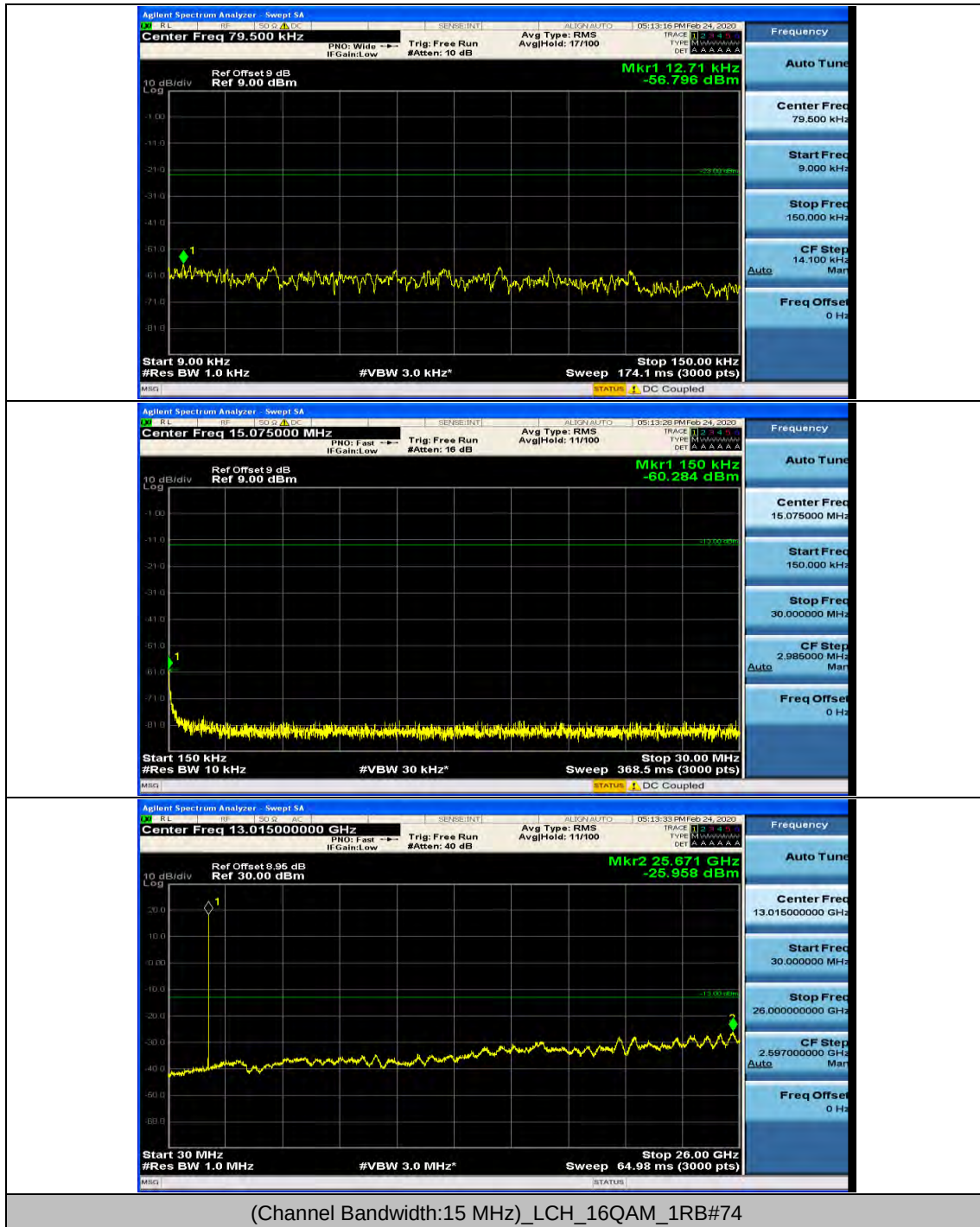


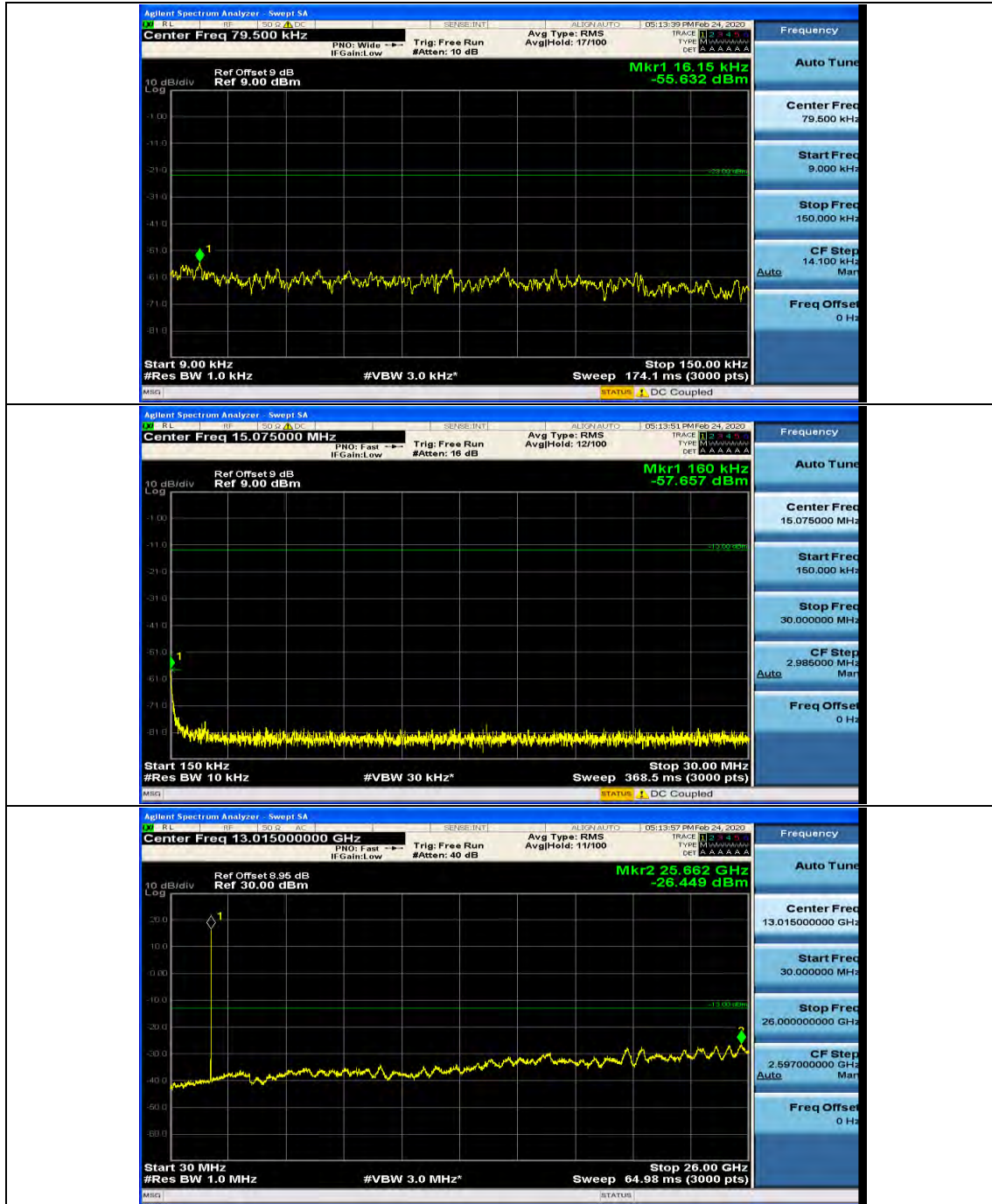


(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0

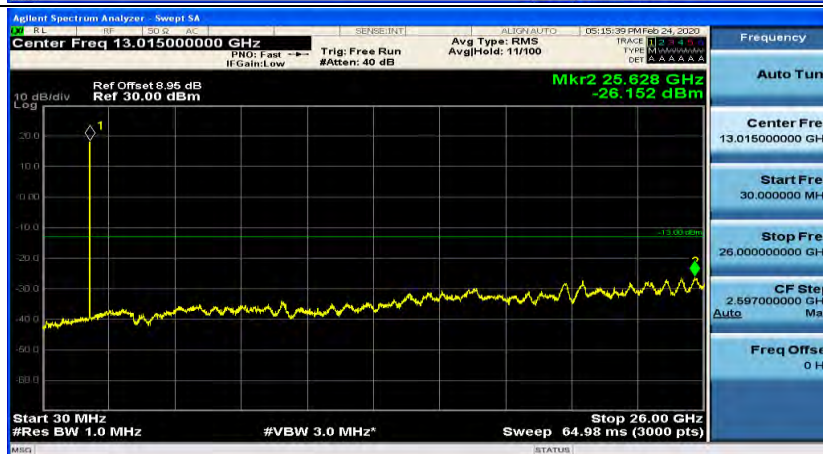
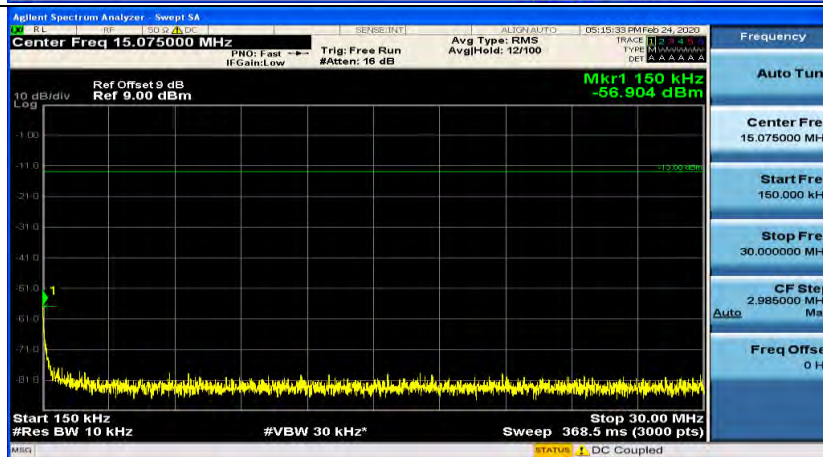
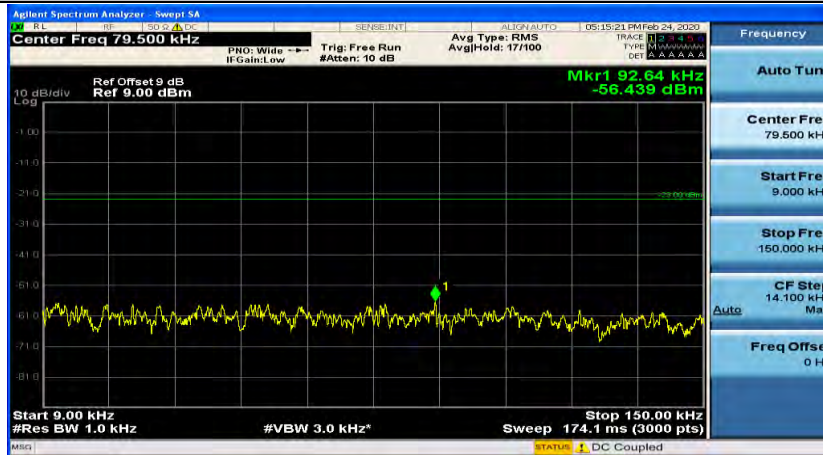


(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#37

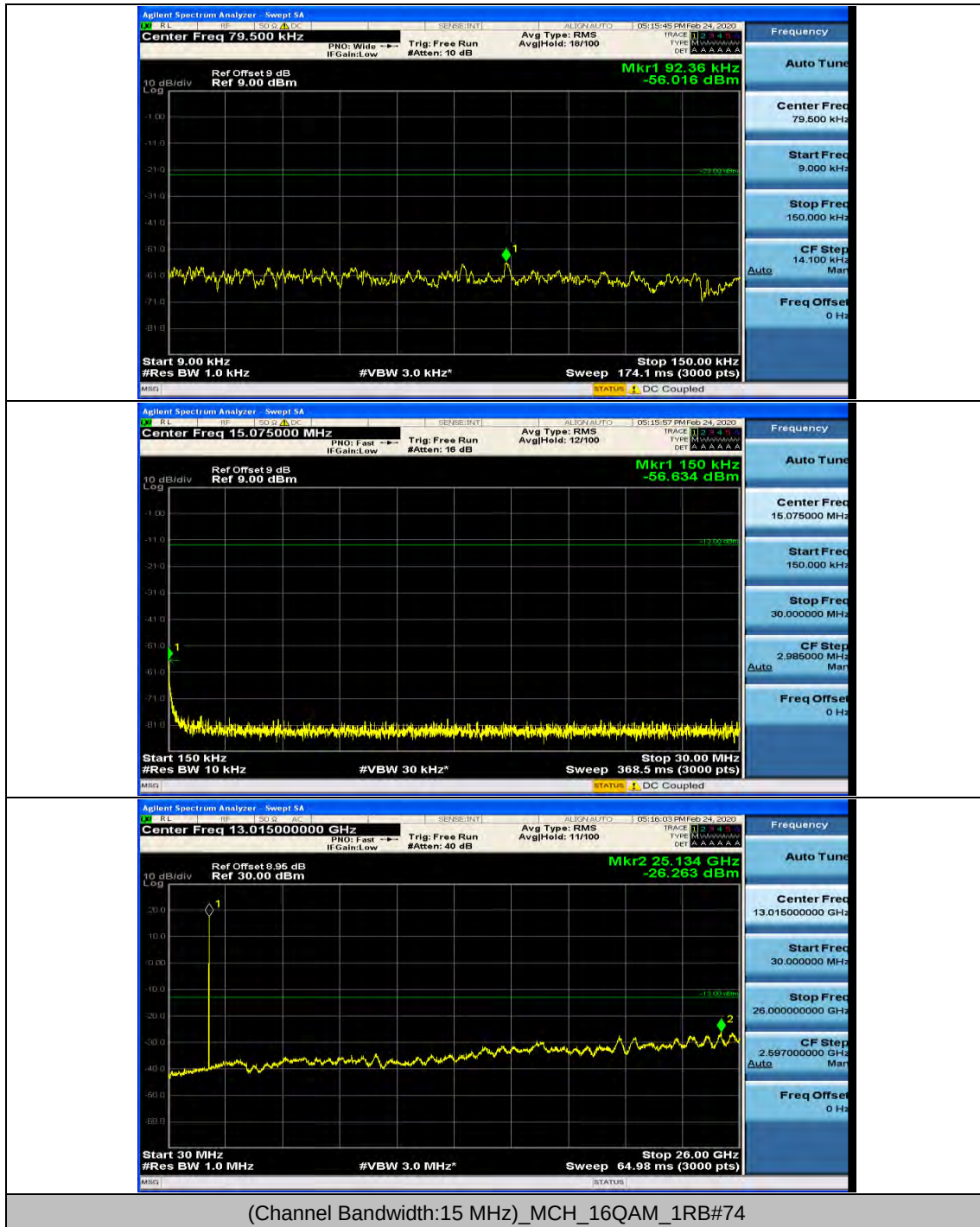


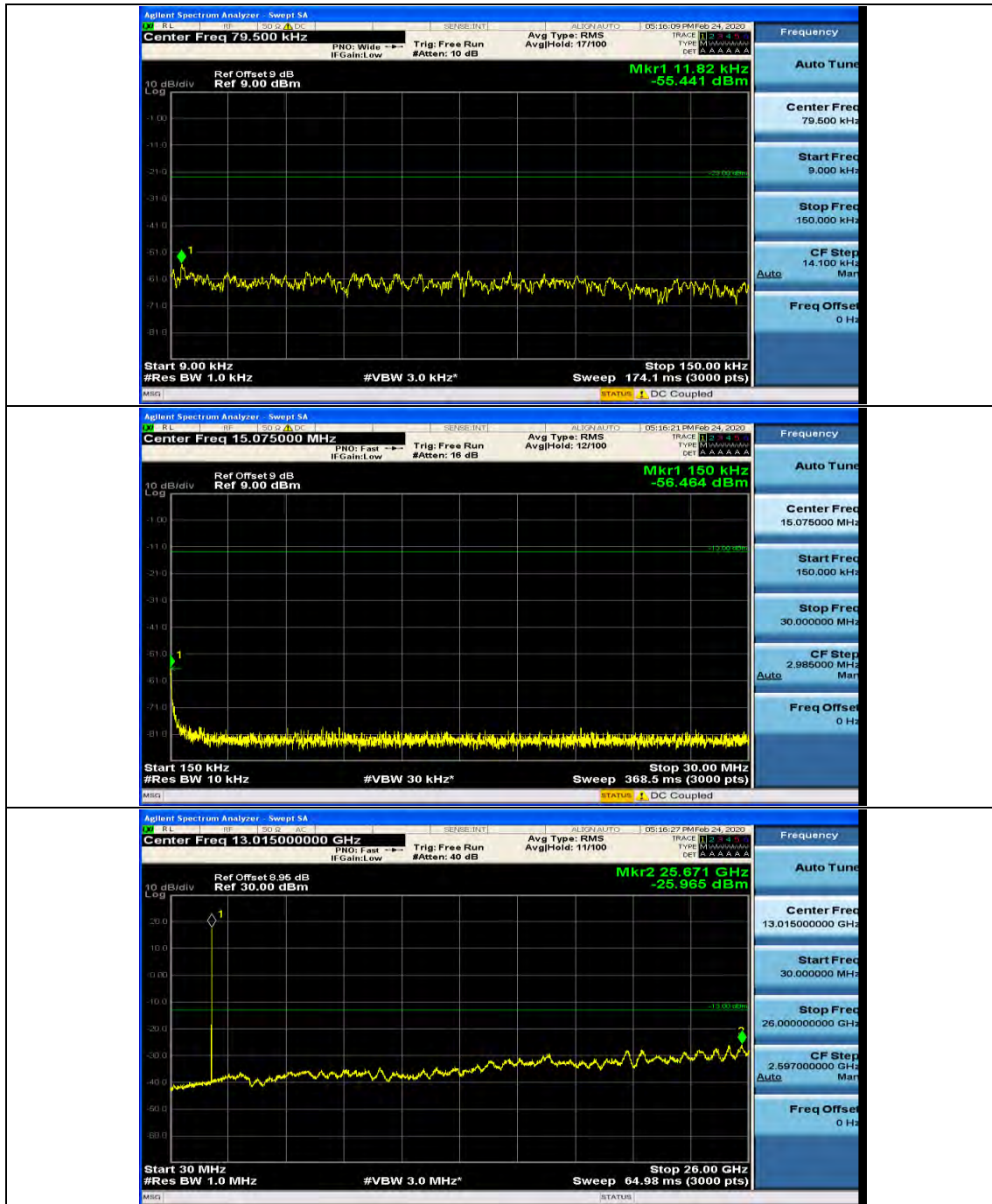


(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0

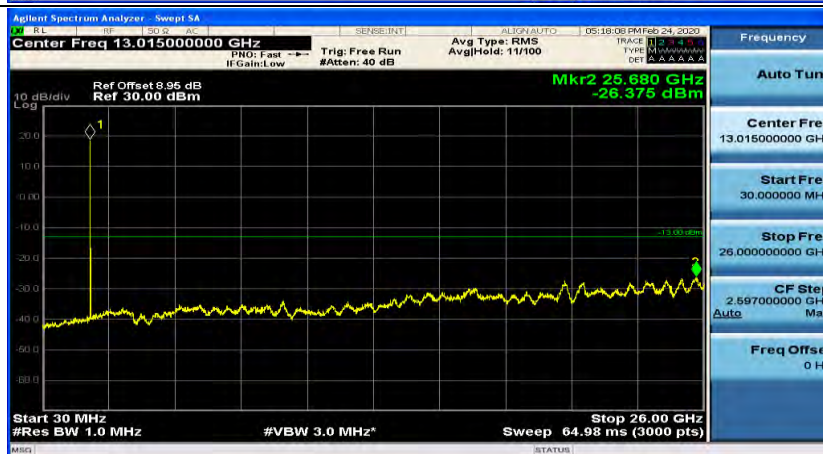
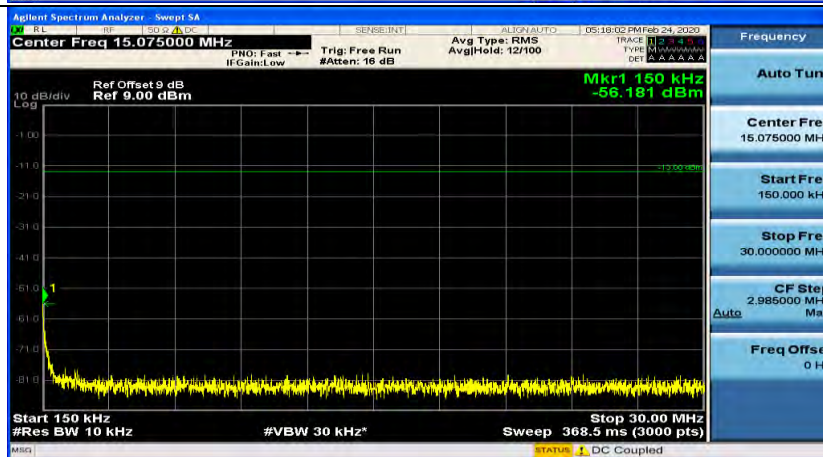


(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37

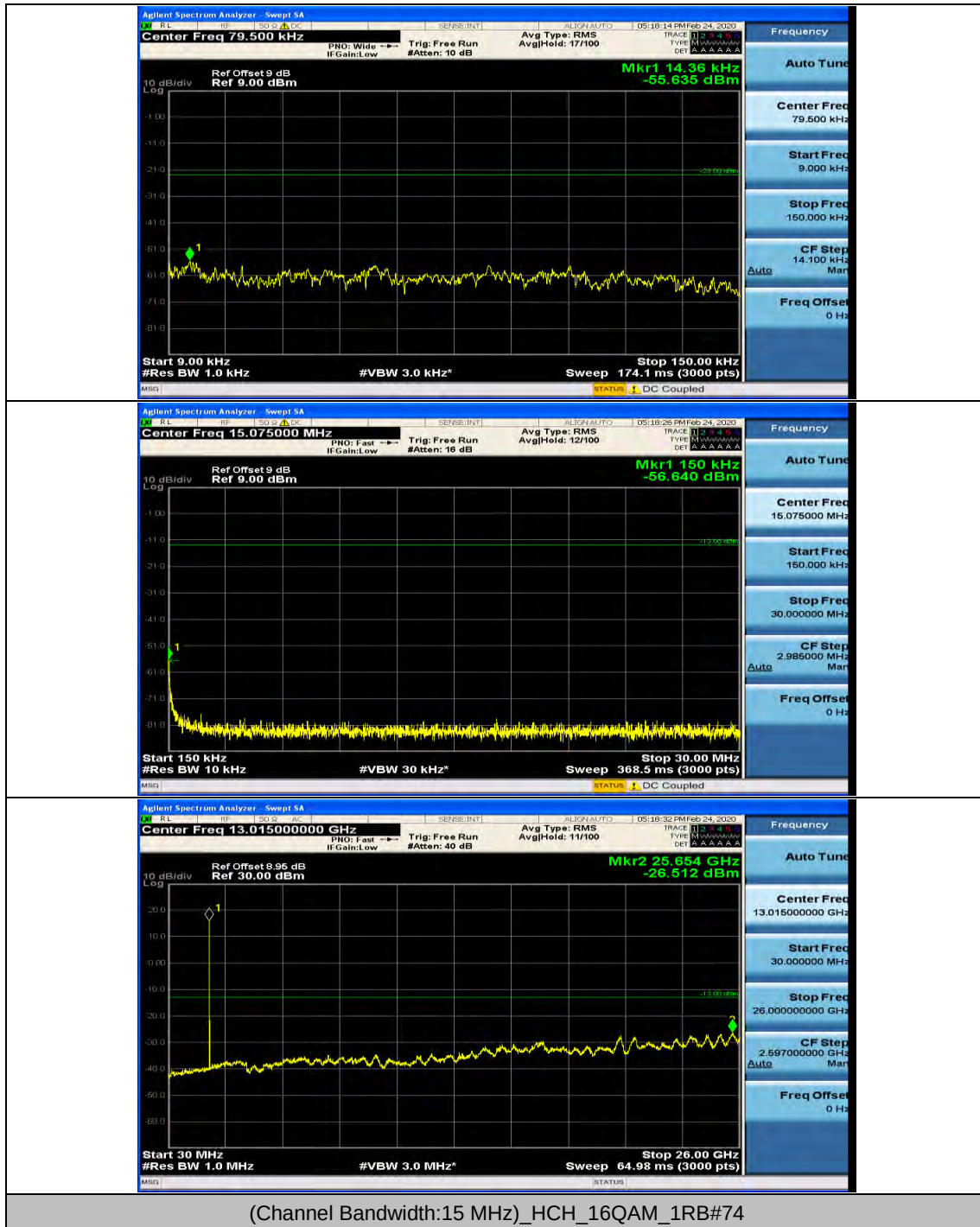


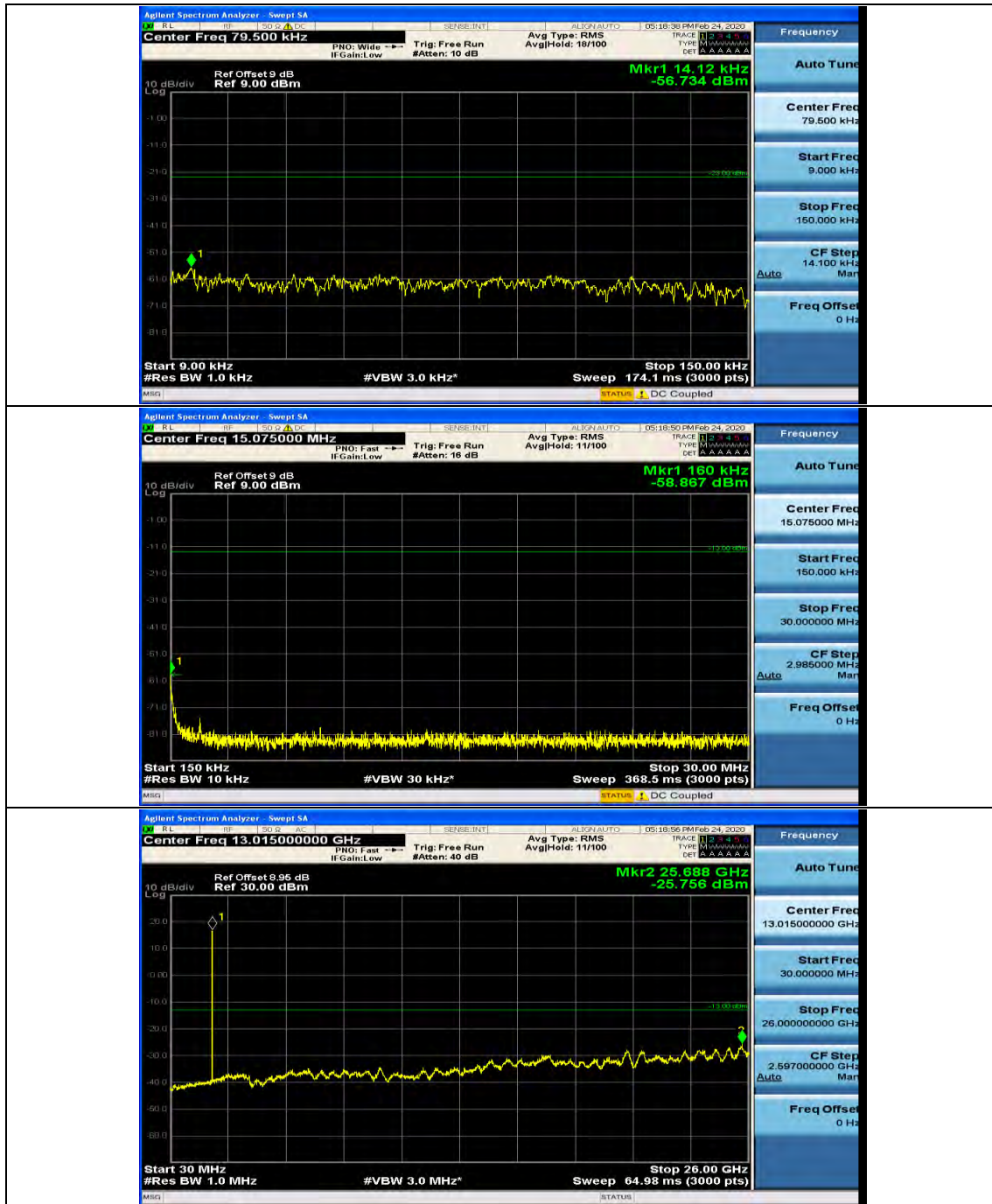


(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0

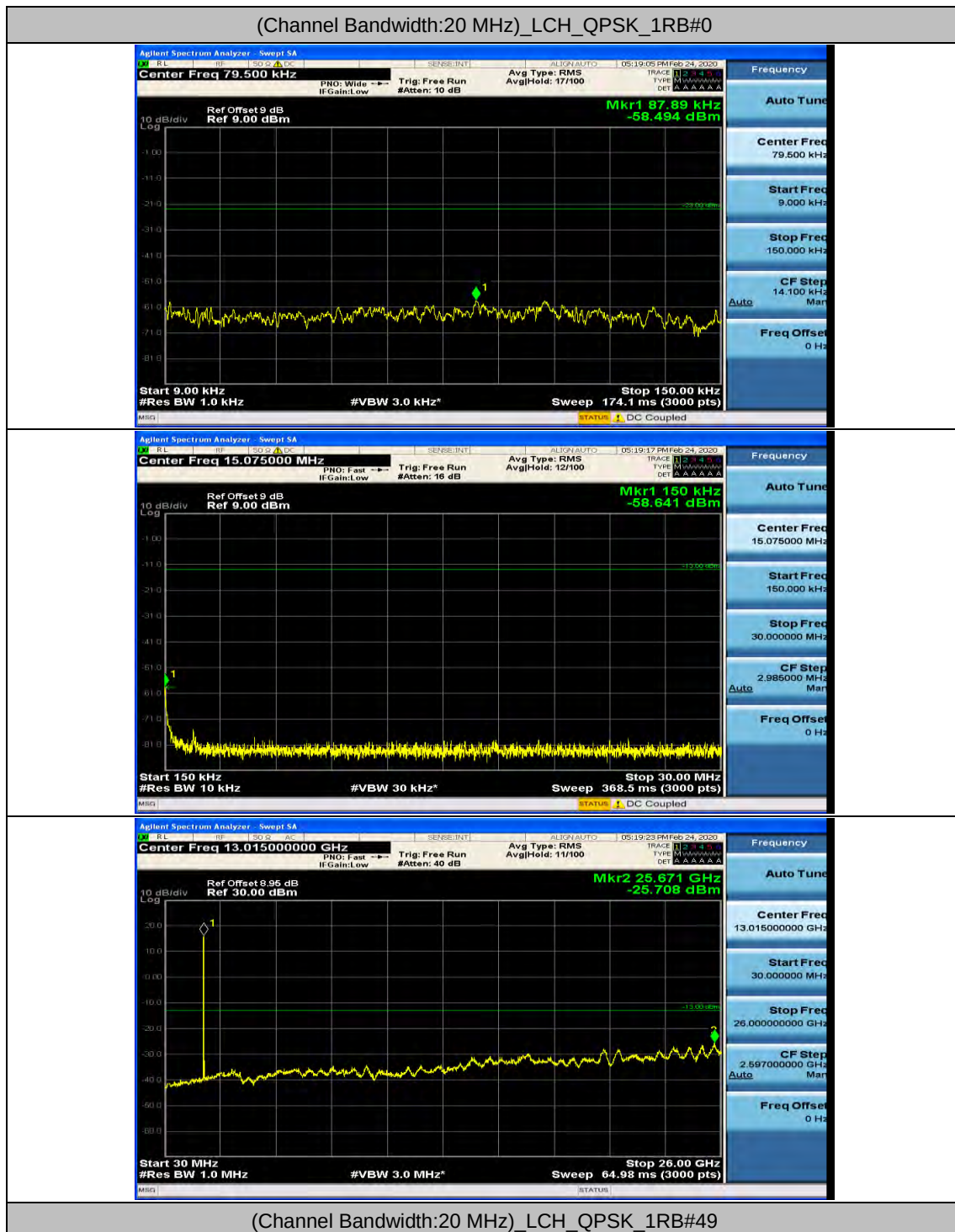


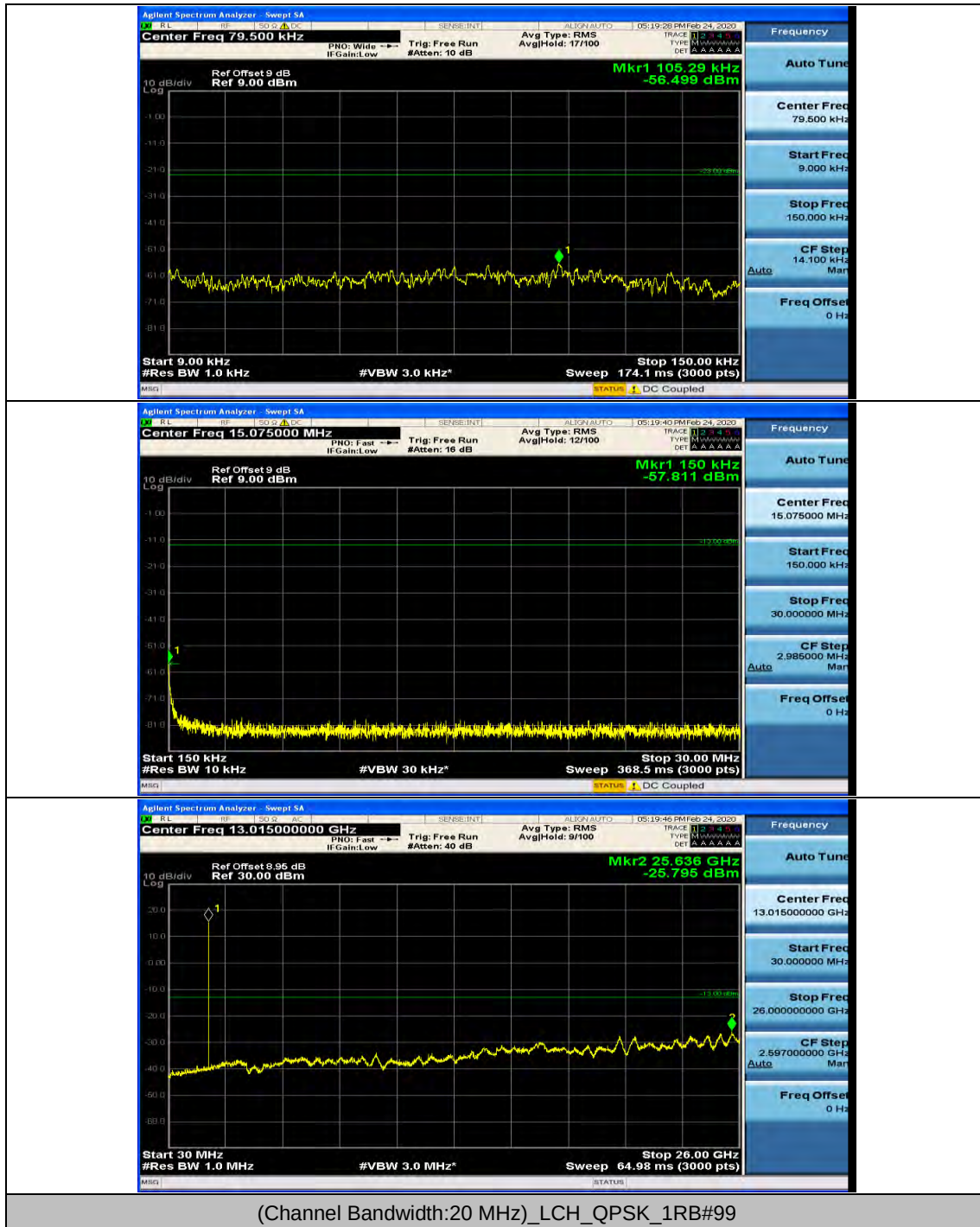
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37

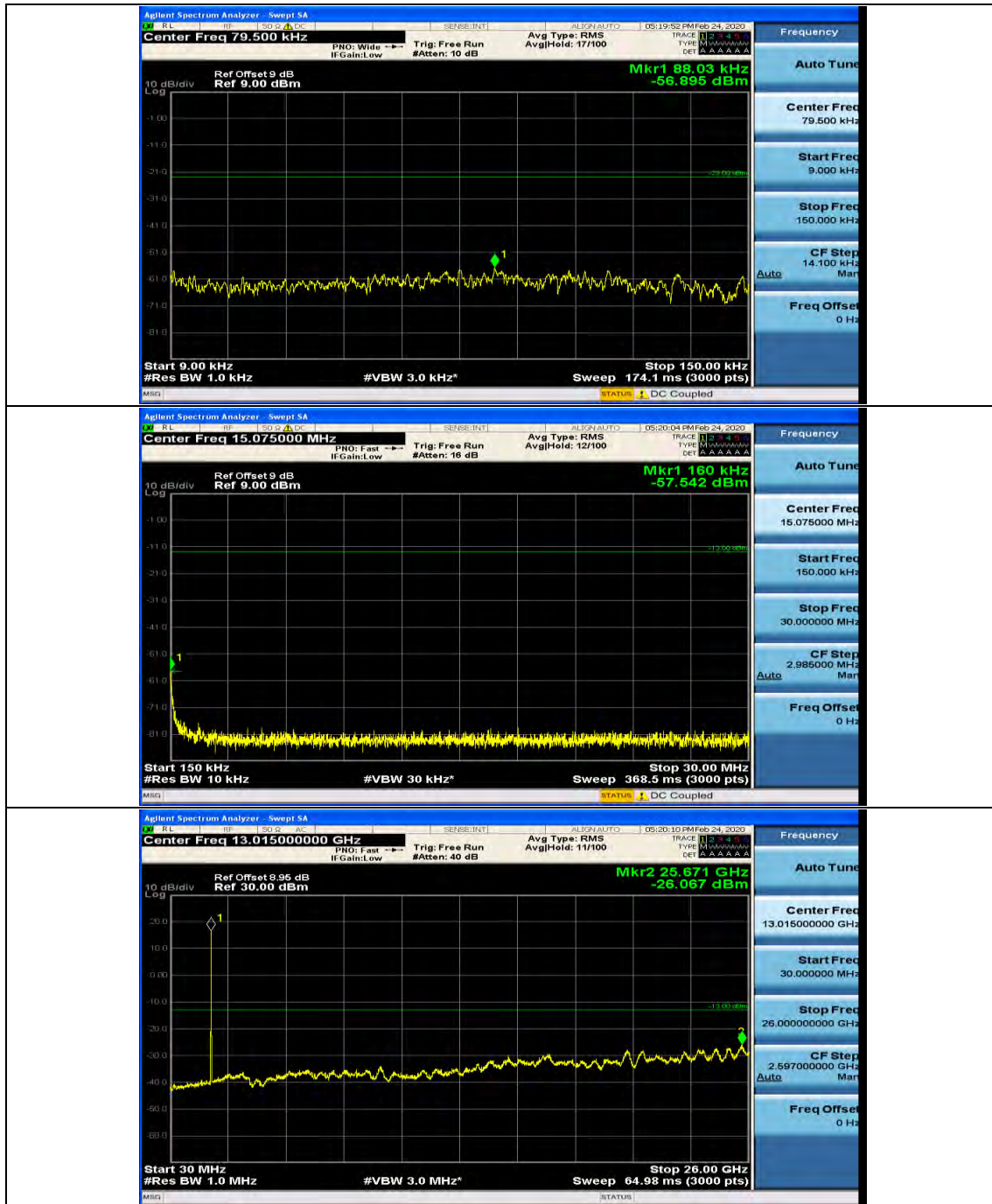




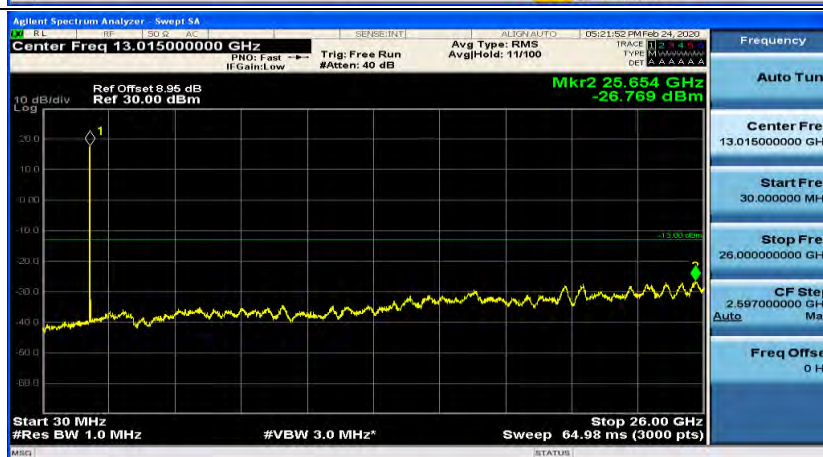
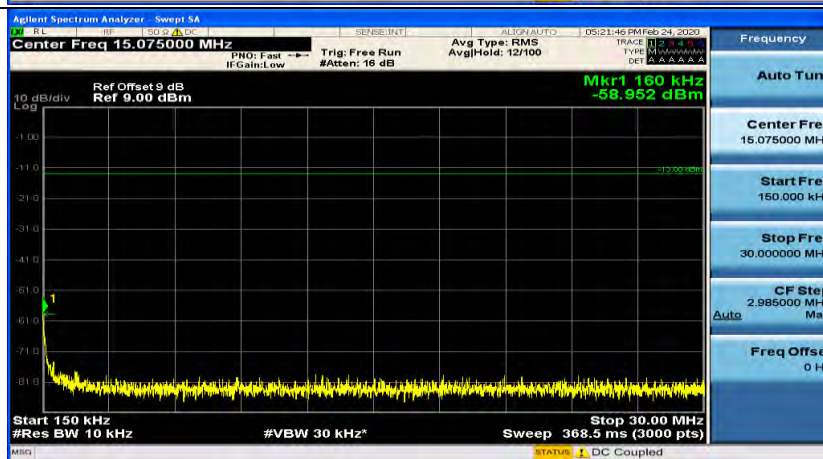
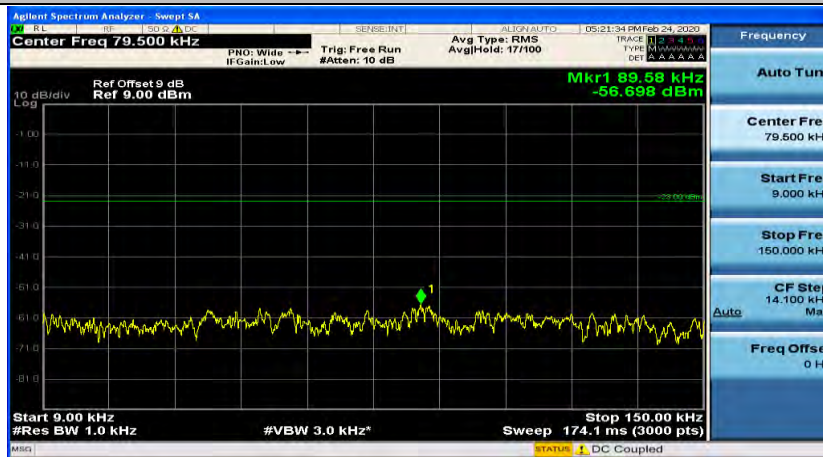
Channel Bandwidth: 20 MHz



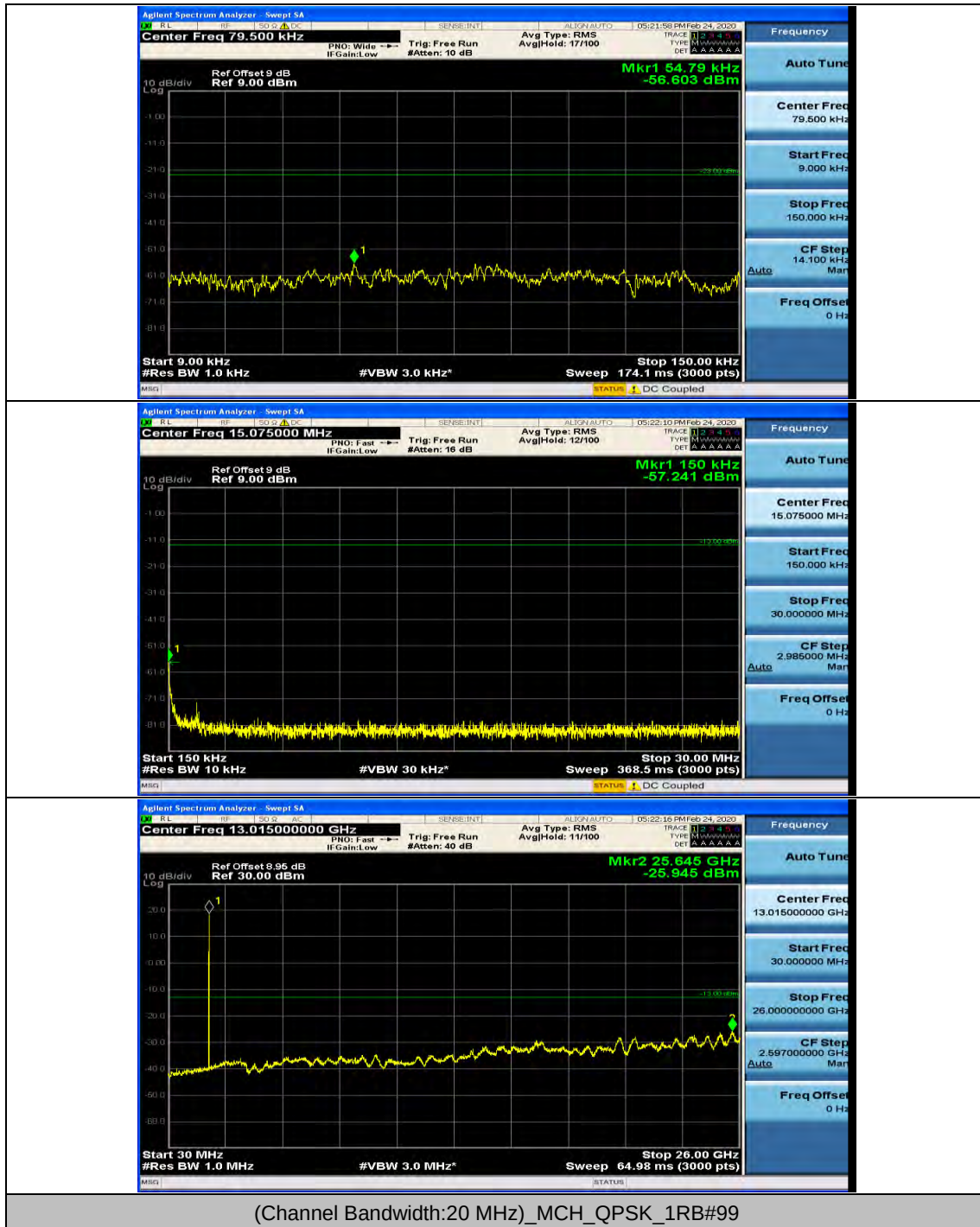


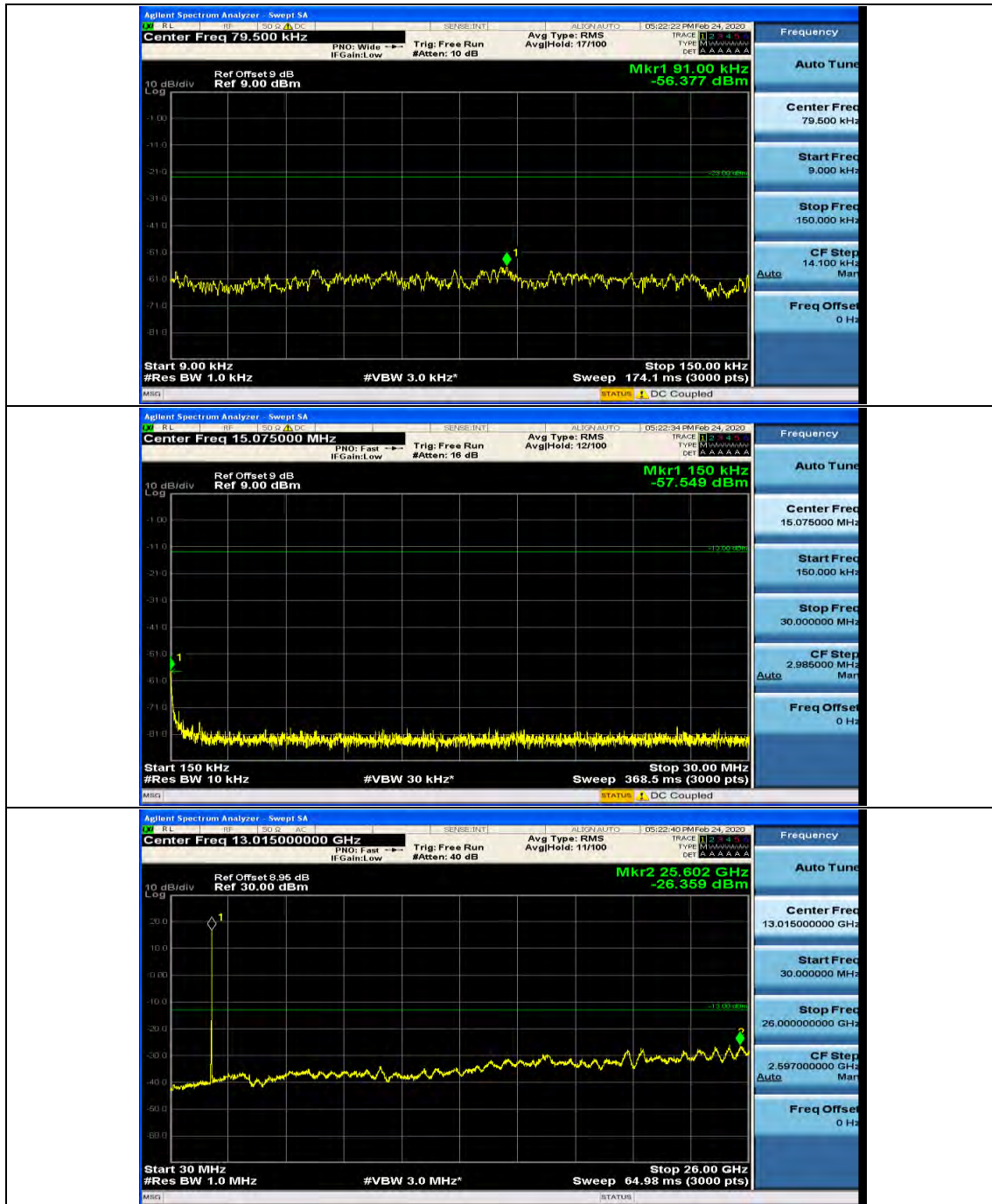


(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0

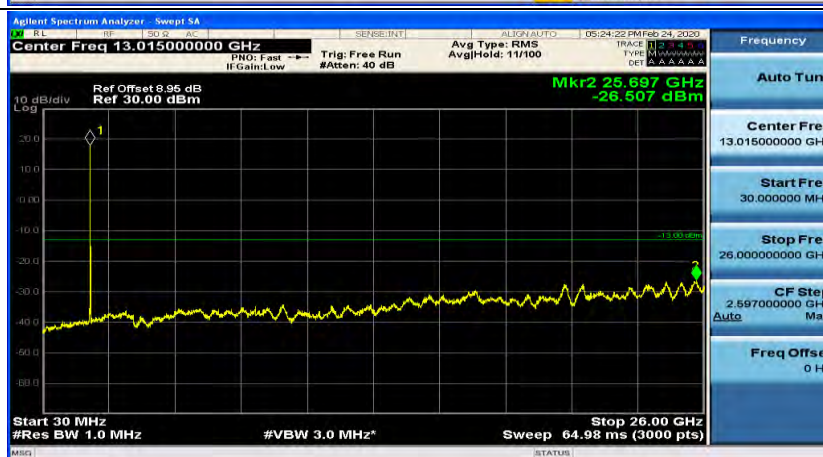
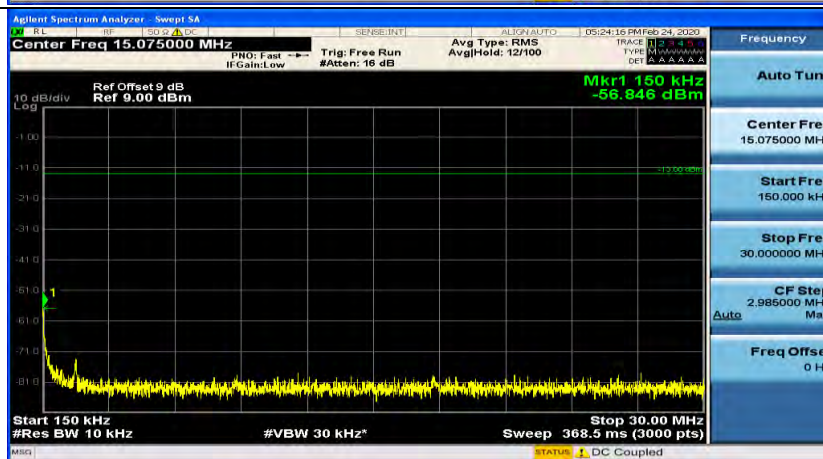
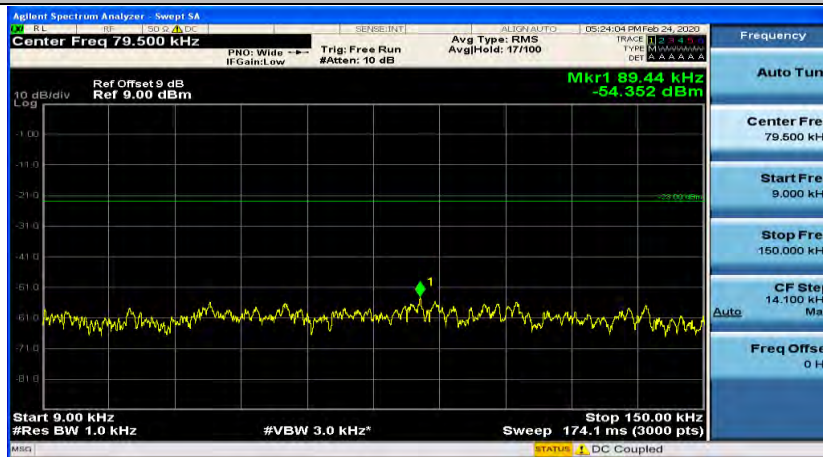


(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49

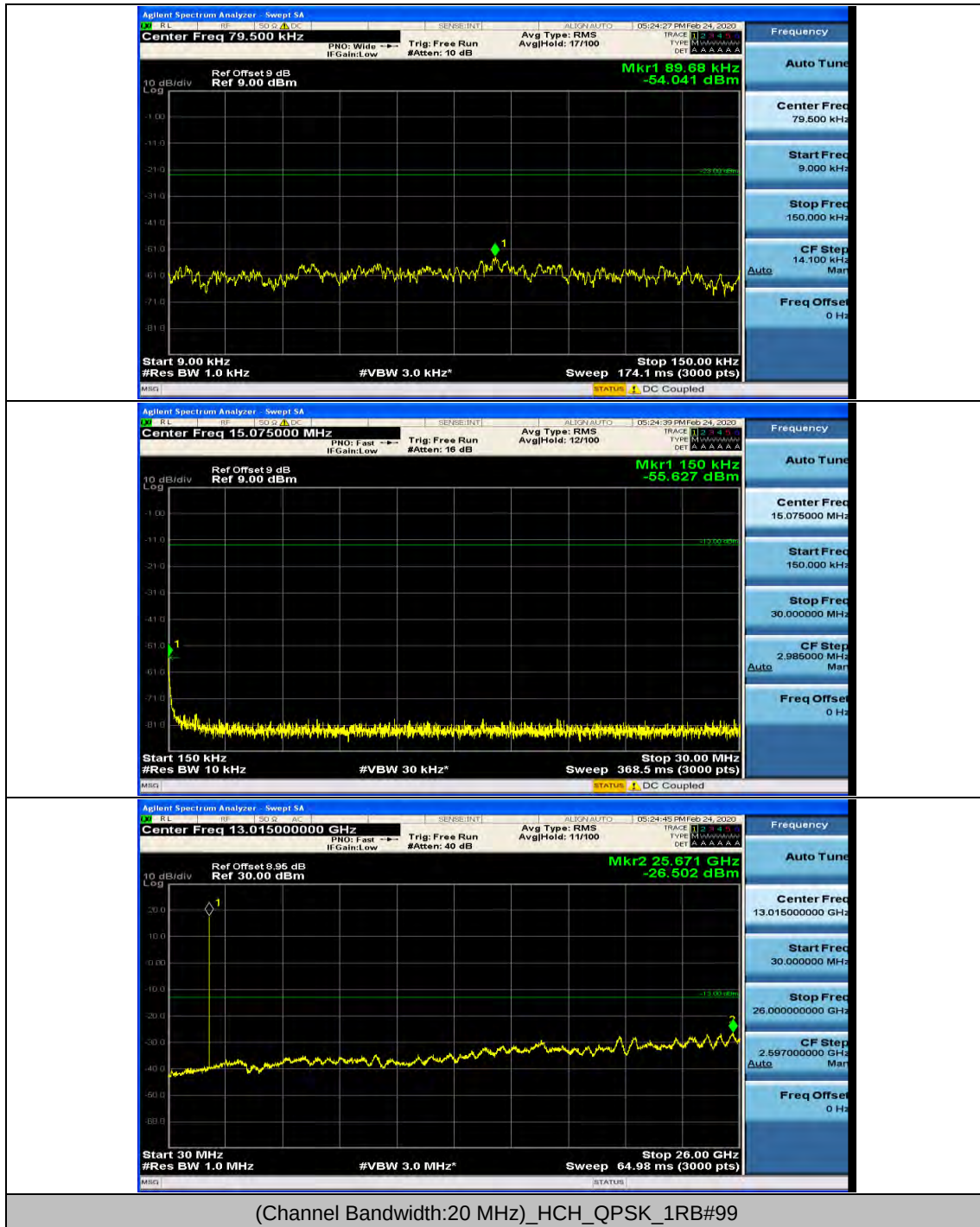


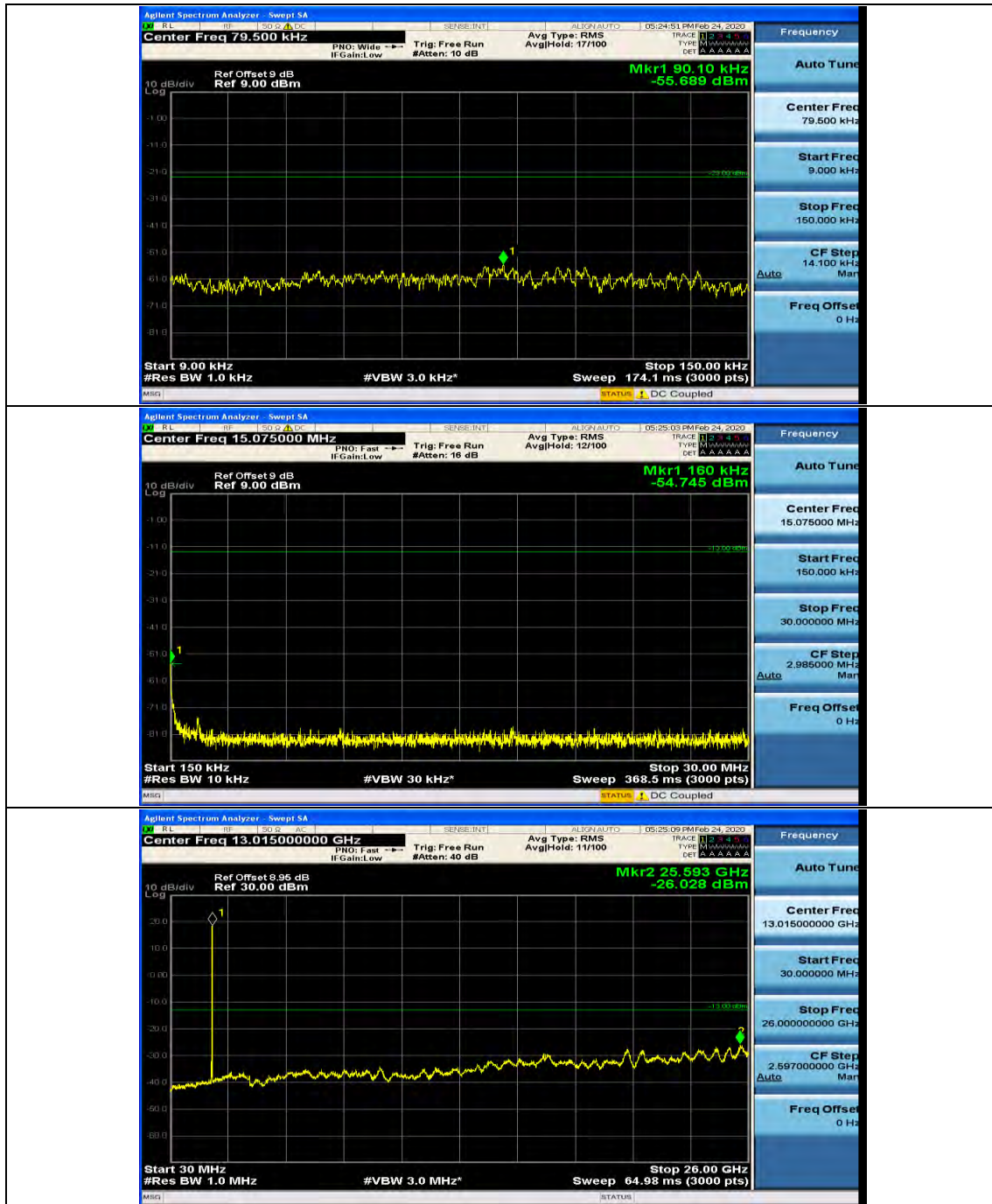


(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0

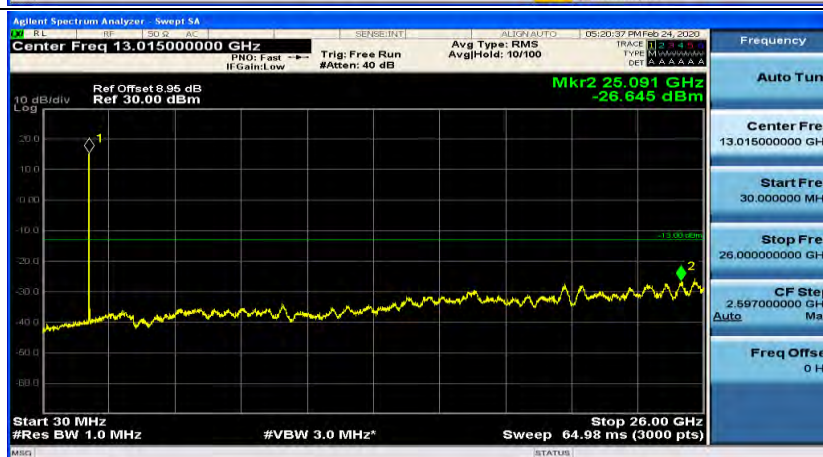
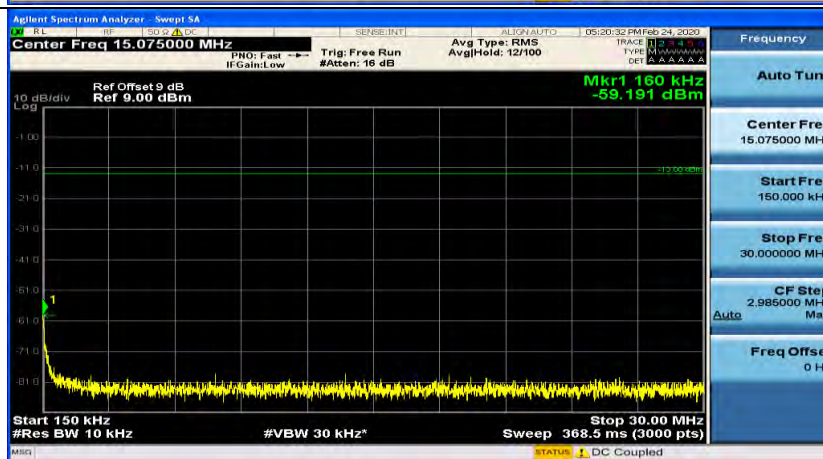
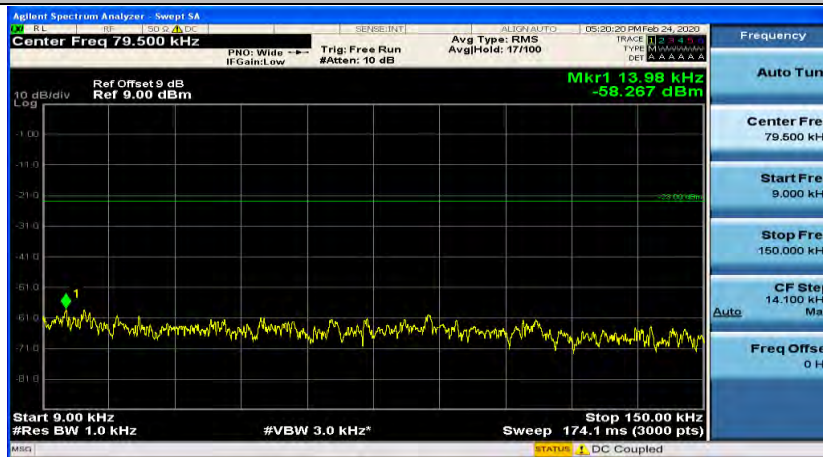


(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49

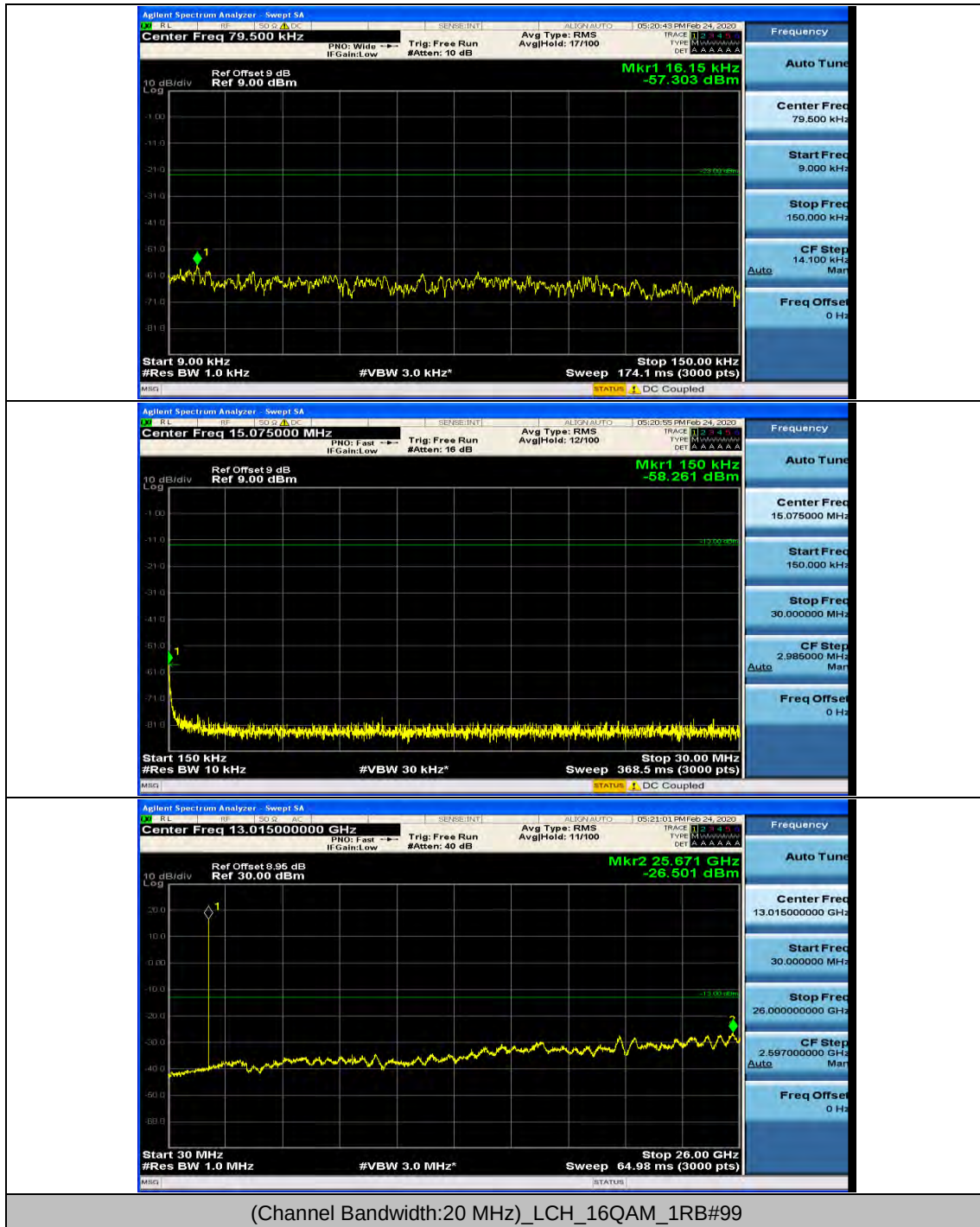


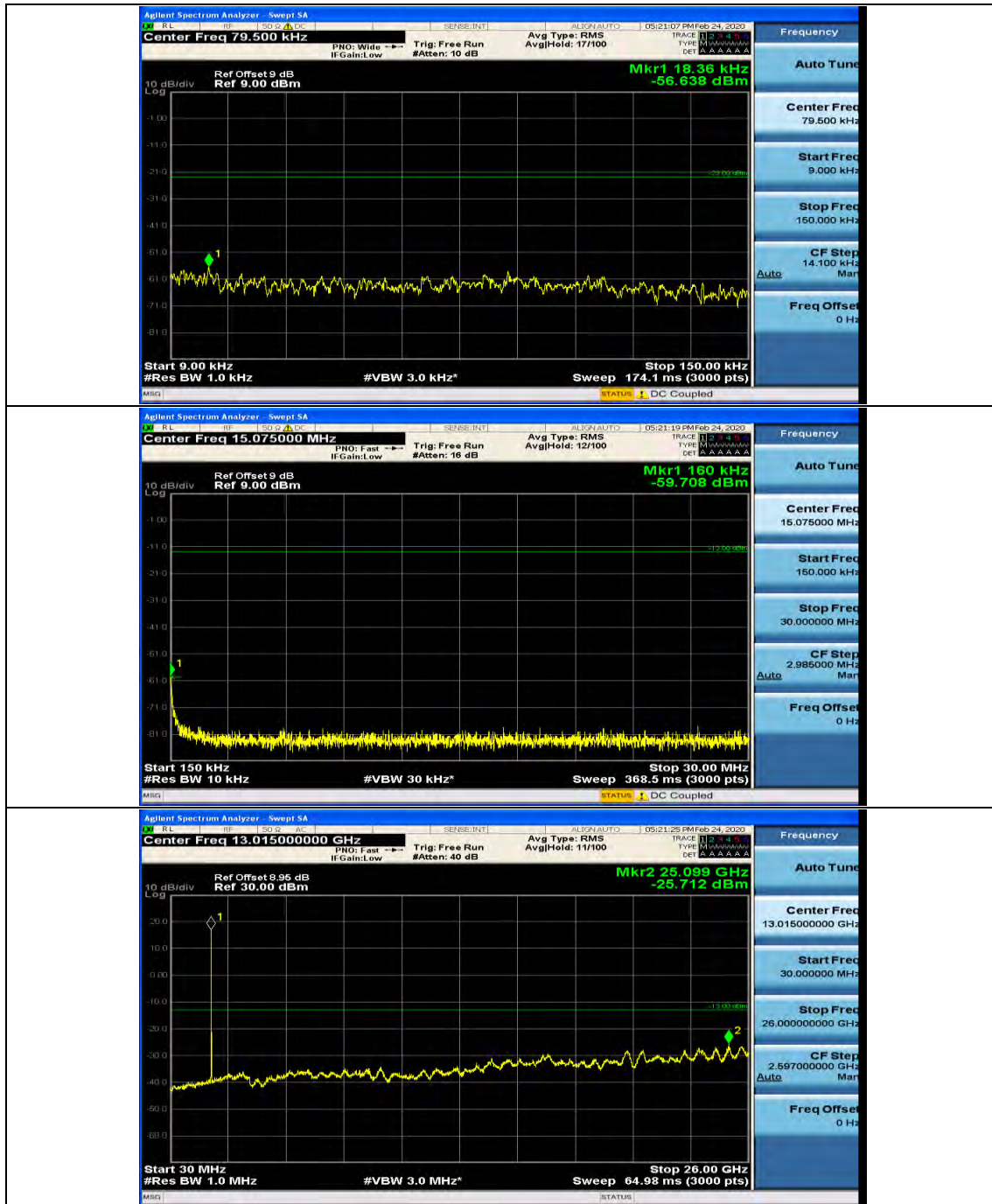


(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0

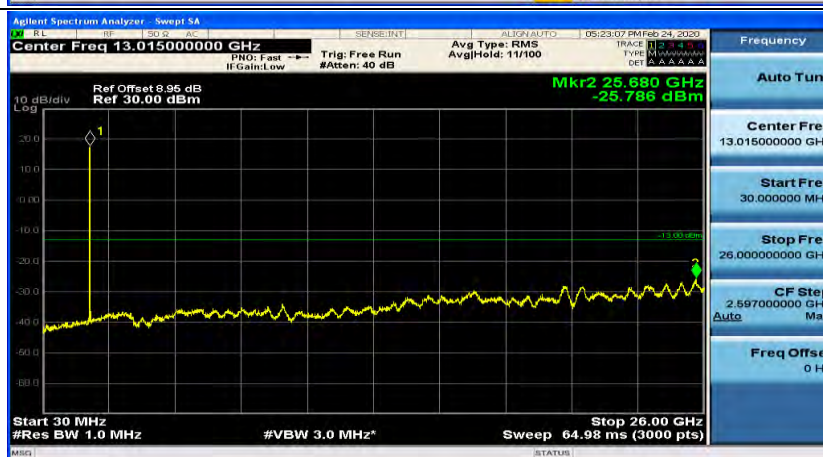
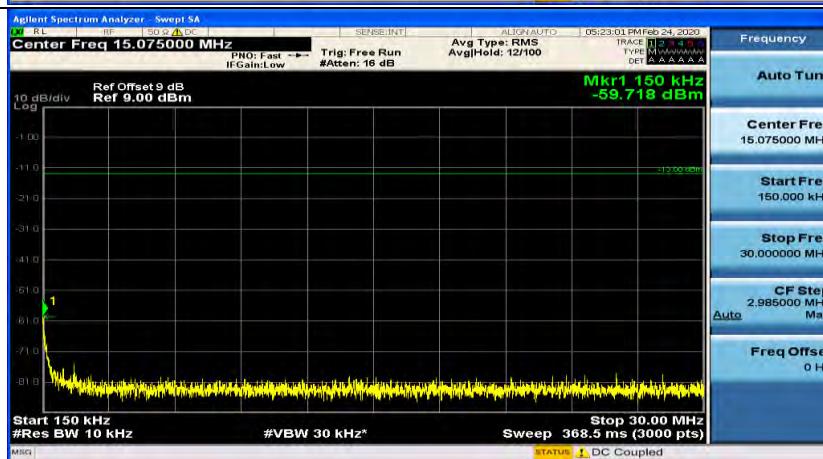


(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#49

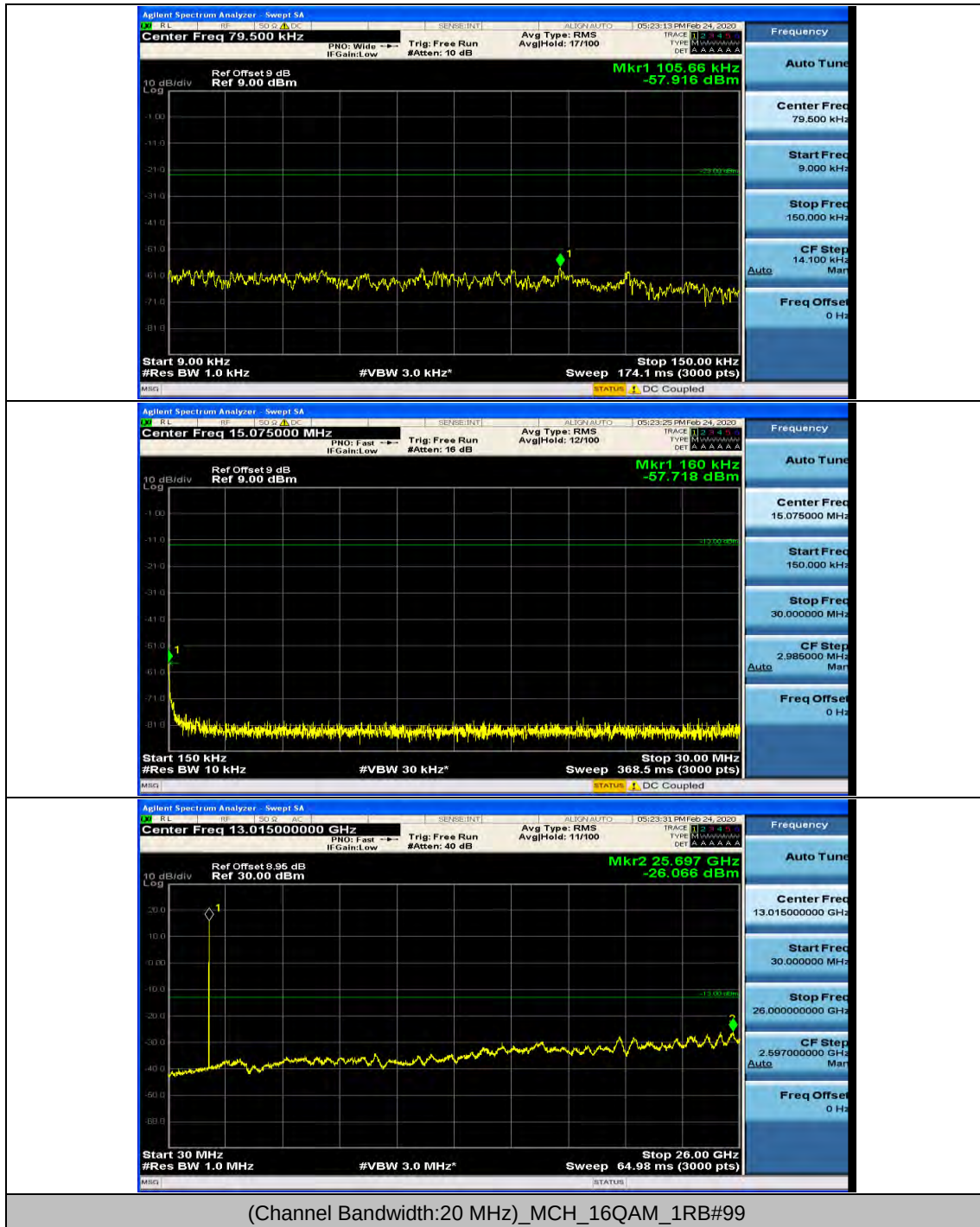


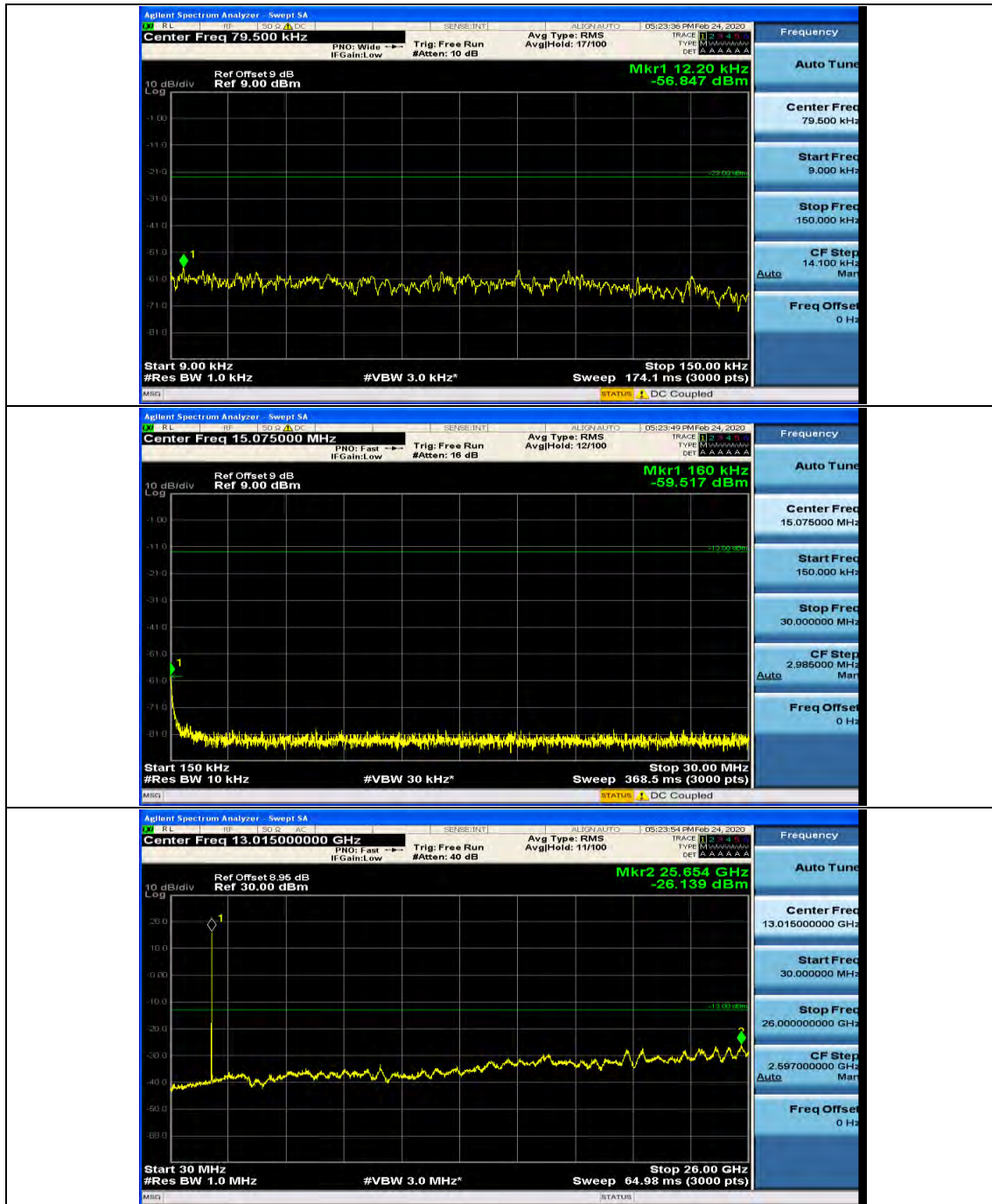


(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0

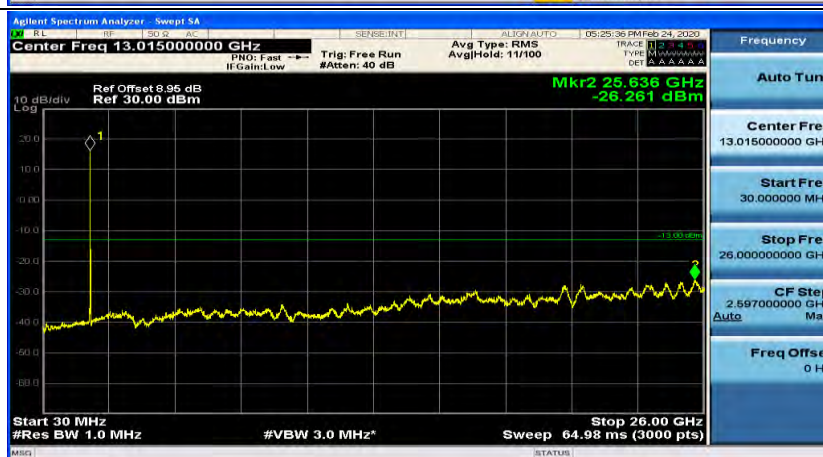
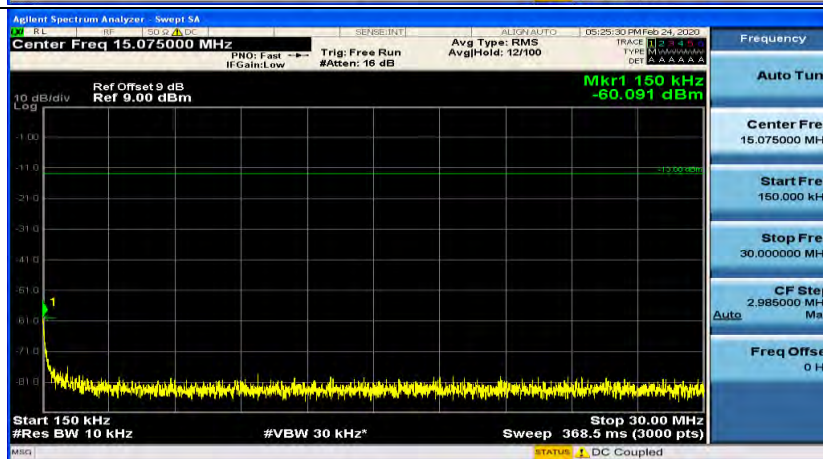
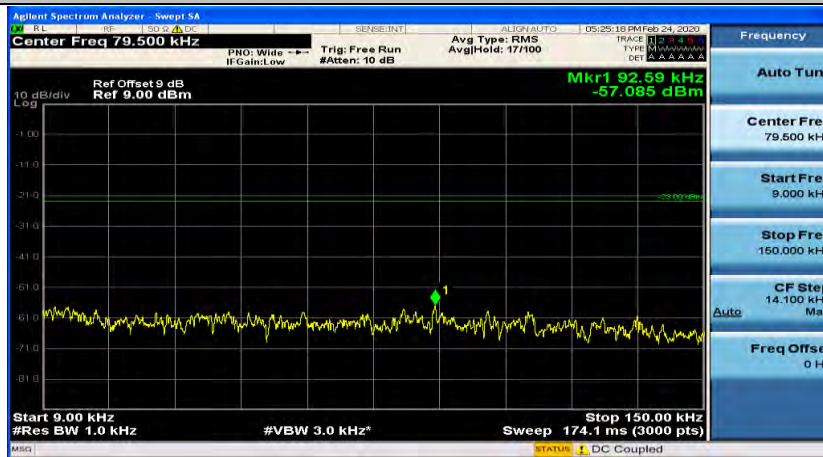


(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49

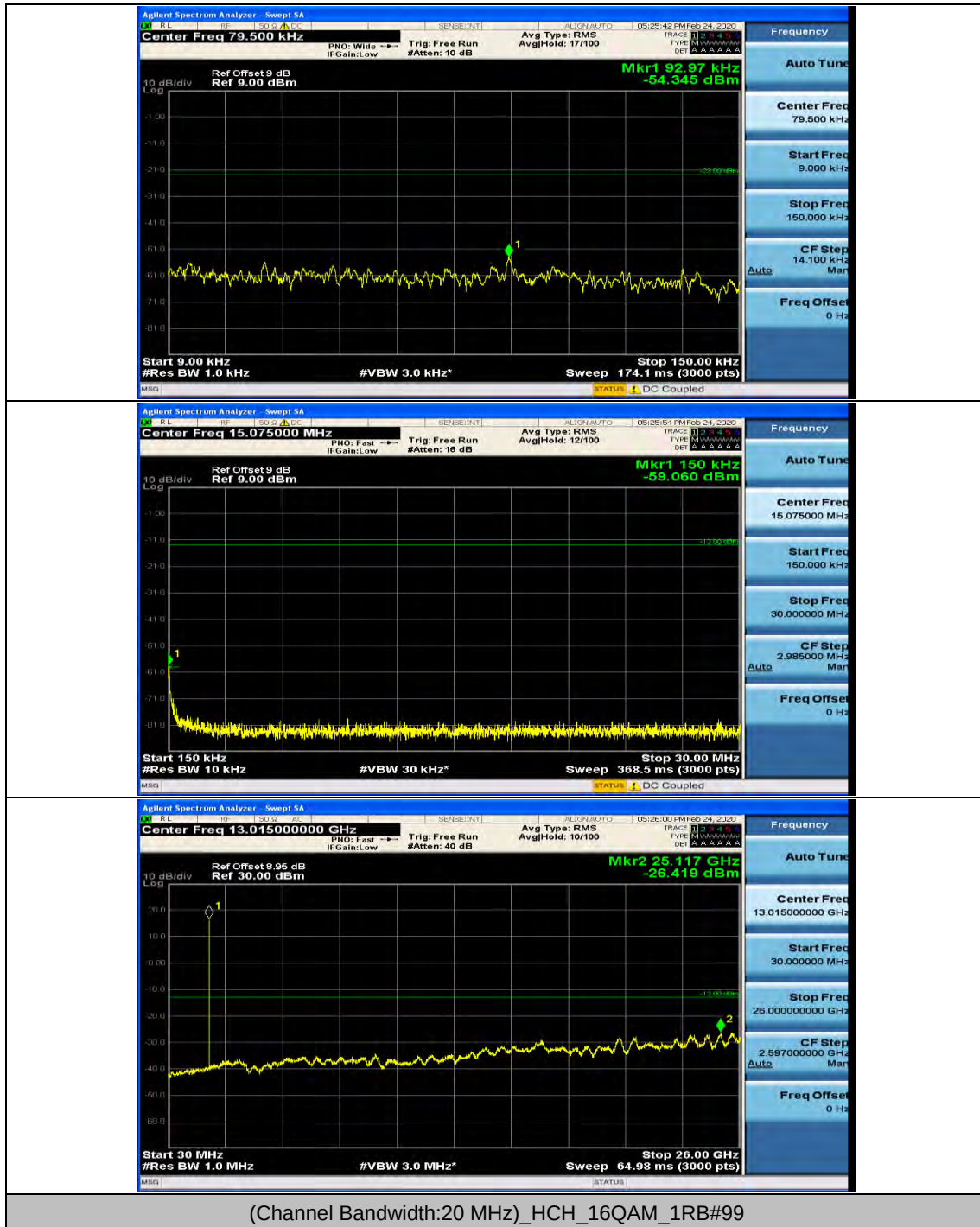


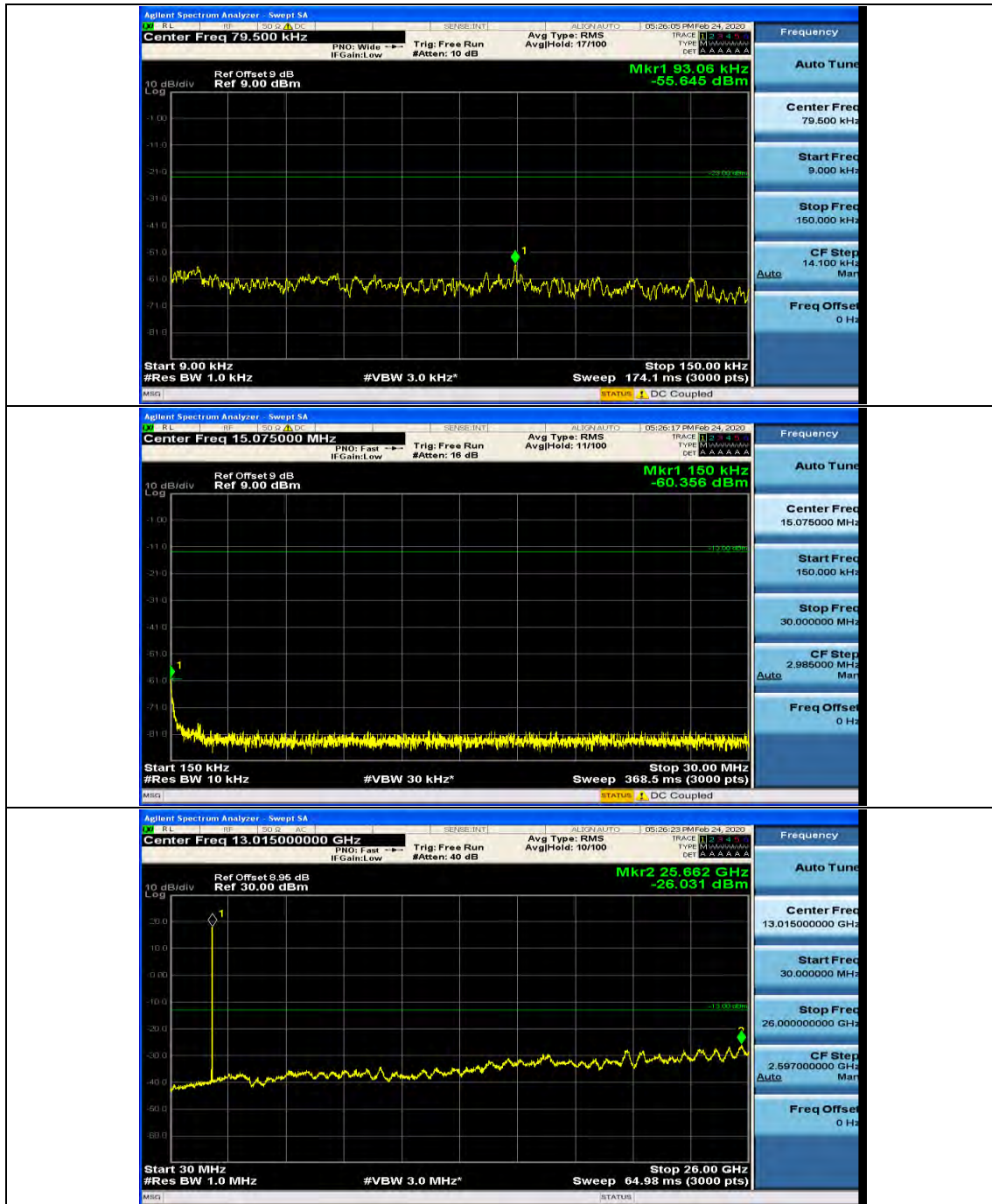


(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#49





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	4.21	0.002275	± 2.5	PASS
		VN	TN	3.16	0.001707	± 2.5	PASS
		VH	TN	2.93	0.001583	± 2.5	PASS
	MCH	VL	TN	-1.81	-0.000963	± 2.5	PASS
		VN	TN	-1.37	-0.000729	± 2.5	PASS
		VH	TN	-1.51	-0.000803	± 2.5	PASS
	HCH	VL	TN	-0.64	-0.000335	± 2.5	PASS
		VN	TN	-0.19	-0.000100	± 2.5	PASS
		VH	TN	1.54	0.000807	± 2.5	PASS
16QAM	LCH	VL	TN	0.87	0.000470	± 2.5	PASS
		VN	TN	-1.12	-0.000605	± 2.5	PASS
		VH	TN	4.47	0.002415	± 2.5	PASS
	MCH	VL	TN	2.97	0.001580	± 2.5	PASS
		VN	TN	2.85	0.001516	± 2.5	PASS
		VH	TN	2.48	0.001319	± 2.5	PASS
	HCH	VL	TN	0.2	0.000105	± 2.5	PASS
		VN	TN	0.2	0.000105	± 2.5	PASS
		VH	TN	0.9	0.000471	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	3.66	0.001978	± 2.5	PASS
		VN	-20	4.9	0.002648	± 2.5	PASS
		VN	-10	0.47	0.000254	± 2.5	PASS
		VN	0	-1.71	-0.000924	± 2.5	PASS
		VN	10	4.53	0.002448	± 2.5	PASS
		VN	20	-1.06	-0.000573	± 2.5	PASS
		VN	30	0.97	0.000524	± 2.5	PASS
		VN	40	-0.71	-0.000384	± 2.5	PASS
		VN	50	-0.39	-0.000211	± 2.5	PASS
	MCH	VN	-30	0.11	0.000059	± 2.5	PASS
		VN	-20	-0.34	-0.000181	± 2.5	PASS

		VN	-10	1.26	0.000670	± 2.5	PASS
		VN	0	2.83	0.001505	± 2.5	PASS
		VN	10	3.93	0.002090	± 2.5	PASS
		VN	20	2.07	0.001101	± 2.5	PASS
		VN	30	4.14	0.002202	± 2.5	PASS
		VN	40	1.17	0.000622	± 2.5	PASS
		VN	50	-1.88	-0.001000	± 2.5	PASS
	HCH	VN	-30	1.19	0.000623	± 2.5	PASS
		VN	-20	1.69	0.000885	± 2.5	PASS
		VN	-10	2.3	0.001205	± 2.5	PASS
		VN	0	-1.64	-0.000859	± 2.5	PASS
		VN	10	1.04	0.000545	± 2.5	PASS
		VN	20	-0.39	-0.000204	± 2.5	PASS
		VN	30	0.39	0.000204	± 2.5	PASS
		VN	40	4.41	0.002310	± 2.5	PASS
		VN	50	-1.06	-0.000555	± 2.5	PASS
16QAM	LCH	VN	-30	1.61	0.000870	± 2.5	PASS
		VN	-20	4.67	0.002523	± 2.5	PASS
		VN	-10	2.1	0.001135	± 2.5	PASS
		VN	0	0.49	0.000265	± 2.5	PASS
		VN	10	4.36	0.002356	± 2.5	PASS
		VN	20	3.4	0.001837	± 2.5	PASS
		VN	30	2.51	0.001356	± 2.5	PASS
		VN	40	0.72	0.000389	± 2.5	PASS
		VN	50	3.52	0.001902	± 2.5	PASS
	MCH	VN	-30	4.26	0.002266	± 2.5	PASS
		VN	-20	-1.4	-0.000745	± 2.5	PASS
		VN	-10	3.07	0.001633	± 2.5	PASS
		VN	0	4.96	0.002638	± 2.5	PASS
		VN	10	2.15	0.001144	± 2.5	PASS
		VN	20	-1.72	-0.000915	± 2.5	PASS
		VN	30	2.48	0.001319	± 2.5	PASS
		VN	40	0.55	0.000293	± 2.5	PASS
		VN	50	3.08	0.001638	± 2.5	PASS
	HCH	VN	-30	1.83	0.000958	± 2.5	PASS
		VN	-20	-1.21	-0.000634	± 2.5	PASS
		VN	-10	4.64	0.002430	± 2.5	PASS
		VN	0	0.91	0.000477	± 2.5	PASS
		VN	10	0.87	0.000456	± 2.5	PASS
		VN	20	0.35	0.000183	± 2.5	PASS
		VN	30	4.86	0.002545	± 2.5	PASS

		VN	40	-0.81	-0.000424	± 2.5	PASS
		VN	50	2.4	0.001257	± 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	-0.94	-0.000508	± 2.5	PASS
		VN	TN	2.03	0.001096	± 2.5	PASS
		VH	TN	-0.8	-0.000432	± 2.5	PASS
	MCH	VL	TN	2.95	0.001569	± 2.5	PASS
		VN	TN	0.73	0.000388	± 2.5	PASS
		VH	TN	1.53	0.000814	± 2.5	PASS
	HCH	VL	TN	2.27	0.001189	± 2.5	PASS
		VN	TN	-1.6	-0.000838	± 2.5	PASS
		VH	TN	-1.87	-0.000980	± 2.5	PASS
16QAM	LCH	VL	TN	3.03	0.001637	± 2.5	PASS
		VN	TN	2.65	0.001431	± 2.5	PASS
		VH	TN	1.78	0.000961	± 2.5	PASS
	MCH	VL	TN	0.19	0.000101	± 2.5	PASS
		VN	TN	2.74	0.001457	± 2.5	PASS
		VH	TN	0.1	0.000053	± 2.5	PASS
	HCH	VL	TN	3.53	0.001850	± 2.5	PASS
		VN	TN	-1.45	-0.000760	± 2.5	PASS
		VH	TN	-0.15	-0.000079	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-1.48	-0.000799	± 2.5	PASS
		VN	-20	-0.69	-0.000373	± 2.5	PASS
		VN	-10	-0.61	-0.000329	± 2.5	PASS
		VN	0	4.76	0.002571	± 2.5	PASS
		VN	10	3.01	0.001626	± 2.5	PASS
		VN	20	3.53	0.001907	± 2.5	PASS
		VN	30	4.92	0.002657	± 2.5	PASS
		VN	40	-1.92	-0.001037	± 2.5	PASS
		VN	50	-2	-0.001080	± 2.5	PASS
	MCH	VN	-30	1.73	0.000920	± 2.5	PASS
		VN	-20	4.38	0.002330	± 2.5	PASS
		VN	-10	3.7	0.001968	± 2.5	PASS

		VN	0	1.34	0.000713	± 2.5	PASS
		VN	10	2.68	0.001426	± 2.5	PASS
		VN	20	-0.4	-0.000213	± 2.5	PASS
		VN	30	0.6	0.000319	± 2.5	PASS
		VN	40	-1.3	-0.000691	± 2.5	PASS
		VN	50	2.34	0.001245	± 2.5	PASS
	HCH	VN	-30	0.56	0.000293	± 2.5	PASS
		VN	-20	1.97	0.001032	± 2.5	PASS
		VN	-10	-0.77	-0.000403	± 2.5	PASS
		VN	0	0.13	0.000068	± 2.5	PASS
		VN	10	-1.49	-0.000781	± 2.5	PASS
		VN	20	4.89	0.002562	± 2.5	PASS
		VN	30	1.03	0.000540	± 2.5	PASS
		VN	40	-0.07	-0.000037	± 2.5	PASS
		VN	50	2.12	0.001111	± 2.5	PASS
16QAM	LCH	VN	-30	1.1	0.000594	± 2.5	PASS
		VN	-20	0.31	0.000167	± 2.5	PASS
		VN	-10	0.72	0.000389	± 2.5	PASS
		VN	0	4.99	0.002695	± 2.5	PASS
		VN	10	1.59	0.000859	± 2.5	PASS
		VN	20	3.95	0.002133	± 2.5	PASS
		VN	30	2.57	0.001388	± 2.5	PASS
		VN	40	2.44	0.001318	± 2.5	PASS
		VN	50	-1.61	-0.000870	± 2.5	PASS
	MCH	VN	-30	3.09	0.001644	± 2.5	PASS
		VN	-20	-1.39	-0.000739	± 2.5	PASS
		VN	-10	2.42	0.001287	± 2.5	PASS
		VN	0	-0.28	-0.000149	± 2.5	PASS
		VN	10	3.13	0.001665	± 2.5	PASS
		VN	20	-1.85	-0.000984	± 2.5	PASS
		VN	30	-1.91	-0.001016	± 2.5	PASS
		VN	40	0.72	0.000383	± 2.5	PASS
		VN	50	3.05	0.001622	± 2.5	PASS
	HCH	VN	-30	3.6	0.001886	± 2.5	PASS
		VN	-20	2.05	0.001074	± 2.5	PASS
		VN	-10	3.01	0.001577	± 2.5	PASS
		VN	0	4.12	0.002159	± 2.5	PASS
		VN	10	-0.17	-0.000089	± 2.5	PASS
		VN	20	2.23	0.001168	± 2.5	PASS
		VN	30	3.38	0.001771	± 2.5	PASS
		VN	40	-1.54	-0.000807	± 2.5	PASS



		VN	50	2.32	0.001216	± 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	1.03	0.000556	± 2.5	PASS
		VN	TN	3.66	0.001976	± 2.5	PASS
		VH	TN	-1.82	-0.000982	± 2.5	PASS
	MCH	VL	TN	1.56	0.000830	± 2.5	PASS
		VN	TN	3.72	0.001979	± 2.5	PASS
		VH	TN	-1.27	-0.000676	± 2.5	PASS
	HCH	VL	TN	2.92	0.001531	± 2.5	PASS
		VN	TN	1.23	0.000645	± 2.5	PASS
		VH	TN	4.53	0.002375	± 2.5	PASS
16QAM	LCH	VL	TN	-0.57	-0.000308	± 2.5	PASS
		VN	TN	-1.32	-0.000713	± 2.5	PASS
		VH	TN	2.6	0.001404	± 2.5	PASS
	MCH	VL	TN	-1.75	-0.000931	± 2.5	PASS
		VN	TN	-1.04	-0.000553	± 2.5	PASS
		VH	TN	3.22	0.001713	± 2.5	PASS
	HCH	VL	TN	-1.13	-0.000592	± 2.5	PASS
		VN	TN	4.86	0.002548	± 2.5	PASS
		VH	TN	0.31	0.000163	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	1.01	0.000545	± 2.5	PASS
		VN	-20	4.89	0.002640	± 2.5	PASS
		VN	-10	1.18	0.000637	± 2.5	PASS
		VN	0	1.93	0.001042	± 2.5	PASS
		VN	10	-1.55	-0.000837	± 2.5	PASS
		VN	20	1.3	0.000702	± 2.5	PASS
		VN	30	0.26	0.000140	± 2.5	PASS
		VN	40	4.33	0.002337	± 2.5	PASS
		VN	50	-1.57	-0.000848	± 2.5	PASS
	MCH	VN	-30	-1.15	-0.000612	± 2.5	PASS
		VN	-20	-0.69	-0.000367	± 2.5	PASS
		VN	-10	3.94	0.002096	± 2.5	PASS
		VN	0	4.93	0.002622	± 2.5	PASS

		VN	10	1.82	0.000968	± 2.5	PASS
		VN	20	1.82	0.000968	± 2.5	PASS
		VN	30	-1.73	-0.000920	± 2.5	PASS
		VN	40	4.58	0.002436	± 2.5	PASS
		VN	50	1.23	0.000654	± 2.5	PASS
	HCH	VN	-30	0.14	0.000073	± 2.5	PASS
		VN	-20	4.5	0.002359	± 2.5	PASS
		VN	-10	1.63	0.000855	± 2.5	PASS
		VN	0	1.54	0.000807	± 2.5	PASS
		VN	10	4.38	0.002296	± 2.5	PASS
		VN	20	3.34	0.001751	± 2.5	PASS
		VN	30	0.9	0.000472	± 2.5	PASS
		VN	40	-1.76	-0.000923	± 2.5	PASS
		VN	50	3.52	0.001845	± 2.5	PASS
16QAM	LCH	VN	-30	2.06	0.001112	± 2.5	PASS
		VN	-20	-0.38	-0.000205	± 2.5	PASS
		VN	-10	4.96	0.002677	± 2.5	PASS
		VN	0	0.34	0.000184	± 2.5	PASS
		VN	10	0.87	0.000470	± 2.5	PASS
		VN	20	4.89	0.002640	± 2.5	PASS
		VN	30	3.23	0.001744	± 2.5	PASS
		VN	40	-1.03	-0.000556	± 2.5	PASS
		VN	50	1.74	0.000939	± 2.5	PASS
	MCH	VN	-30	4.08	0.002170	± 2.5	PASS
		VN	-20	4.81	0.002559	± 2.5	PASS
		VN	-10	-1.52	-0.000809	± 2.5	PASS
		VN	0	1.31	0.000697	± 2.5	PASS
		VN	10	3.32	0.001766	± 2.5	PASS
		VN	20	4.56	0.002426	± 2.5	PASS
		VN	30	4	0.002128	± 2.5	PASS
		VN	40	2.98	0.001585	± 2.5	PASS
		VN	50	4.89	0.002601	± 2.5	PASS
	HCH	VN	-30	0.3	0.000157	± 2.5	PASS
		VN	-20	4.11	0.002155	± 2.5	PASS
		VN	-10	3.49	0.001830	± 2.5	PASS
		VN	0	3.59	0.001882	± 2.5	PASS
		VN	10	4.67	0.002448	± 2.5	PASS
		VN	20	2.25	0.001180	± 2.5	PASS
		VN	30	-0.46	-0.000241	± 2.5	PASS
		VN	40	3.84	0.002013	± 2.5	PASS
		VN	50	3.65	0.001913	± 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	0.87	0.000469	± 2.5	PASS
		VN	TN	4.9	0.002642	± 2.5	PASS
		VH	TN	4.44	0.002394	± 2.5	PASS
	MCH	VL	TN	-0.92	-0.000489	± 2.5	PASS
		VN	TN	2	0.001064	± 2.5	PASS
		VH	TN	-0.23	-0.000122	± 2.5	PASS
	HCH	VL	TN	0.16	0.000084	± 2.5	PASS
		VN	TN	4.6	0.002415	± 2.5	PASS
		VH	TN	-0.74	-0.000388	± 2.5	PASS
16QAM	LCH	VL	TN	2.92	0.001574	± 2.5	PASS
		VN	TN	3.83	0.002065	± 2.5	PASS
		VH	TN	2.71	0.001461	± 2.5	PASS
	MCH	VL	TN	1.41	0.000750	± 2.5	PASS
		VN	TN	-1.7	-0.000904	± 2.5	PASS
		VH	TN	4.05	0.002154	± 2.5	PASS
	HCH	VL	TN	0.63	0.000331	± 2.5	PASS
		VN	TN	-0.03	-0.000016	± 2.5	PASS
		VH	TN	0.93	0.000488	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-0.12	-0.000065	± 2.5	PASS
		VN	-20	1.06	0.000571	± 2.5	PASS
		VN	-10	1.55	0.000836	± 2.5	PASS
		VN	0	0.85	0.000458	± 2.5	PASS
		VN	10	1.12	0.000604	± 2.5	PASS
		VN	20	-1.4	-0.000755	± 2.5	PASS
		VN	30	2.31	0.001245	± 2.5	PASS
		VN	40	4.87	0.002625	± 2.5	PASS
		VN	50	-1.3	-0.000701	± 2.5	PASS
	MCH	VN	-30	1.95	0.001037	± 2.5	PASS
		VN	-20	-0.12	-0.000064	± 2.5	PASS
		VN	-10	1.85	0.000984	± 2.5	PASS
		VN	0	-0.84	-0.000447	± 2.5	PASS
		VN	10	-1.27	-0.000676	± 2.5	PASS
		VN	20	0.47	0.000250	± 2.5	PASS

		VN	30	1.73	0.000920	± 2.5	PASS
		VN	40	4.02	0.002138	± 2.5	PASS
		VN	50	1.95	0.001037	± 2.5	PASS
	HCH	VN	-30	2.33	0.001223	± 2.5	PASS
		VN	-20	-1.54	-0.000808	± 2.5	PASS
		VN	-10	-1.69	-0.000887	± 2.5	PASS
		VN	0	3.68	0.001932	± 2.5	PASS
		VN	10	-1.61	-0.000845	± 2.5	PASS
		VN	20	-1.58	-0.000829	± 2.5	PASS
		VN	30	1.67	0.000877	± 2.5	PASS
		VN	40	0.21	0.000110	± 2.5	PASS
		VN	50	-1.27	-0.000667	± 2.5	PASS
QPSK	LCH	VN	-30	1.5	0.000809	± 2.5	PASS
		VN	-20	1.92	0.001035	± 2.5	PASS
		VN	-10	1.36	0.000733	± 2.5	PASS
		VN	0	4.04	0.002178	± 2.5	PASS
		VN	10	-0.47	-0.000253	± 2.5	PASS
		VN	20	-1.66	-0.000895	± 2.5	PASS
		VN	30	1.49	0.000803	± 2.5	PASS
		VN	40	3.71	0.002000	± 2.5	PASS
		VN	50	-0.82	-0.000442	± 2.5	PASS
	MCH	VN	-30	0.22	0.000117	± 2.5	PASS
		VN	-20	-0.4	-0.000213	± 2.5	PASS
		VN	-10	2.52	0.001340	± 2.5	PASS
		VN	0	0.01	0.000005	± 2.5	PASS
		VN	10	0.9	0.000479	± 2.5	PASS
		VN	20	2.77	0.001473	± 2.5	PASS
		VN	30	0.62	0.000330	± 2.5	PASS
		VN	40	1.72	0.000915	± 2.5	PASS
		VN	50	0.53	0.000282	± 2.5	PASS
	HCH	VN	-30	-1.72	-0.000903	± 2.5	PASS
		VN	-20	0.69	0.000362	± 2.5	PASS
		VN	-10	4.27	0.002241	± 2.5	PASS
		VN	0	3.41	0.001790	± 2.5	PASS
		VN	10	4.87	0.002556	± 2.5	PASS
		VN	20	-1.06	-0.000556	± 2.5	PASS
		VN	30	2.23	0.001171	± 2.5	PASS
		VN	40	3.34	0.001753	± 2.5	PASS
		VN	50	-1.48	-0.000777	± 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	0.84	0.000452	± 2.5	PASS
		VN	TN	3.93	0.002116	± 2.5	PASS
		VH	TN	4.39	0.002363	± 2.5	PASS
	MCH	VL	TN	-0.02	-0.000011	± 2.5	PASS
		VN	TN	1.7	0.000904	± 2.5	PASS
		VH	TN	0.97	0.000516	± 2.5	PASS
	HCH	VL	TN	-0.07	-0.000037	± 2.5	PASS
		VN	TN	-1.74	-0.000915	± 2.5	PASS
		VH	TN	0.09	0.000047	± 2.5	PASS
16QAM	LCH	VL	TN	3.29	0.001771	± 2.5	PASS
		VN	TN	1.18	0.000635	± 2.5	PASS
		VH	TN	3.09	0.001664	± 2.5	PASS
	MCH	VL	TN	4.57	0.002431	± 2.5	PASS
		VN	TN	1.39	0.000739	± 2.5	PASS
		VH	TN	4.01	0.002133	± 2.5	PASS
	HCH	VL	TN	2.36	0.001240	± 2.5	PASS
		VN	TN	-0.53	-0.000279	± 2.5	PASS
		VH	TN	3.47	0.001824	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-1.91	-0.001028	± 2.5	PASS
		VN	-20	-1.47	-0.000791	± 2.5	PASS
		VN	-10	-0.61	-0.000328	± 2.5	PASS
		VN	0	-1.08	-0.000581	± 2.5	PASS
		VN	10	3.72	0.002003	± 2.5	PASS
		VN	20	2.55	0.001373	± 2.5	PASS
		VN	30	1.55	0.000834	± 2.5	PASS
		VN	40	0.35	0.000188	± 2.5	PASS
		VN	50	1.69	0.000910	± 2.5	PASS
	MCH	VN	-30	3.79	0.002016	± 2.5	PASS
		VN	-20	3.69	0.001963	± 2.5	PASS
		VN	-10	-1.87	-0.000995	± 2.5	PASS
		VN	0	-1.41	-0.000750	± 2.5	PASS
		VN	10	4.75	0.002527	± 2.5	PASS
		VN	20	-0.38	-0.000202	± 2.5	PASS

		VN	30	4.7	0.002500	± 2.5	PASS
		VN	40	3.05	0.001622	± 2.5	PASS
		VN	50	0.27	0.000144	± 2.5	PASS
	HCH	VN	-30	-0.5	-0.000263	± 2.5	PASS
		VN	-20	0.9	0.000473	± 2.5	PASS
		VN	-10	3.77	0.001982	± 2.5	PASS
		VN	0	-0.86	-0.000452	± 2.5	PASS
		VN	10	-1.31	-0.000689	± 2.5	PASS
		VN	20	2.6	0.001367	± 2.5	PASS
		VN	30	-0.94	-0.000494	± 2.5	PASS
		VN	40	3.89	0.002045	± 2.5	PASS
		VN	50	-0.3	-0.000158	± 2.5	PASS
16QAM	LCH	VN	-30	3.28	0.001766	± 2.5	PASS
		VN	-20	3.73	0.002008	± 2.5	PASS
		VN	-10	4.16	0.002240	± 2.5	PASS
		VN	0	4.62	0.002487	± 2.5	PASS
		VN	10	-0.68	-0.000366	± 2.5	PASS
		VN	20	-0.49	-0.000264	± 2.5	PASS
		VN	30	1.19	0.000641	± 2.5	PASS
		VN	40	4.79	0.002579	± 2.5	PASS
		VN	50	2.86	0.001540	± 2.5	PASS
	MCH	VN	-30	1.38	0.000734	± 2.5	PASS
		VN	-20	0.99	0.000527	± 2.5	PASS
		VN	-10	-0.11	-0.000059	± 2.5	PASS
		VN	0	4.66	0.002479	± 2.5	PASS
		VN	10	1.35	0.000718	± 2.5	PASS
		VN	20	4.05	0.002154	± 2.5	PASS
		VN	30	2.47	0.001314	± 2.5	PASS
		VN	40	1.89	0.001005	± 2.5	PASS
		VN	50	2.09	0.001112	± 2.5	PASS
	HCH	VN	-30	0.92	0.000484	± 2.5	PASS
		VN	-20	2.2	0.001156	± 2.5	PASS
		VN	-10	-1.92	-0.001009	± 2.5	PASS
		VN	0	1.91	0.001004	± 2.5	PASS
		VN	10	-0.75	-0.000394	± 2.5	PASS
		VN	20	-1.22	-0.000641	± 2.5	PASS
		VN	30	2.62	0.001377	± 2.5	PASS
		VN	40	-0.97	-0.000510	± 2.5	PASS
		VN	50	3.8	0.001997	± 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	3.55	0.001909	± 2.5	PASS
		VN	TN	-0.76	-0.000409	± 2.5	PASS
		VH	TN	1.85	0.000995	± 2.5	PASS
	MCH	VL	TN	1.19	0.000633	± 2.5	PASS
		VN	TN	2.92	0.001553	± 2.5	PASS
		VH	TN	-0.01	-0.000005	± 2.5	PASS
	HCH	VL	TN	0.05	0.000026	± 2.5	PASS
		VN	TN	1.02	0.000537	± 2.5	PASS
		VH	TN	4.1	0.002158	± 2.5	PASS
16QAM	LCH	VL	TN	4.51	0.002425	± 2.5	PASS
		VN	TN	4.7	0.002527	± 2.5	PASS
		VH	TN	3.93	0.002113	± 2.5	PASS
	MCH	VL	TN	-0.95	-0.000505	± 2.5	PASS
		VN	TN	0.47	0.000250	± 2.5	PASS
		VH	TN	2.19	0.001165	± 2.5	PASS
	HCH	VL	TN	2.87	0.001511	± 2.5	PASS
		VN	TN	3.21	0.001689	± 2.5	PASS
		VH	TN	4.72	0.002484	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-1.7	-0.000914	± 2.5	PASS
		VN	-20	1.99	0.001070	± 2.5	PASS
		VN	-10	3.88	0.002086	± 2.5	PASS
		VN	0	4.67	0.002511	± 2.5	PASS
		VN	10	-1.8	-0.000968	± 2.5	PASS
		VN	20	4.76	0.002559	± 2.5	PASS
		VN	30	2.45	0.001317	± 2.5	PASS
		VN	40	0.72	0.000387	± 2.5	PASS
		VN	50	2.64	0.001419	± 2.5	PASS
	MCH	VN	-30	4.84	0.002574	± 2.5	PASS
		VN	-20	0.91	0.000484	± 2.5	PASS
		VN	-10	2.87	0.001527	± 2.5	PASS
		VN	0	-1.83	-0.000973	± 2.5	PASS
		VN	10	2.62	0.001394	± 2.5	PASS
		VN	20	4.99	0.002654	± 2.5	PASS

		VN	30	2.56	0.001362	± 2.5	PASS
		VN	40	2.53	0.001346	± 2.5	PASS
		VN	50	3.03	0.001612	± 2.5	PASS
	HCH	VN	-30	-1.07	-0.000563	± 2.5	PASS
		VN	-20	3.07	0.001616	± 2.5	PASS
		VN	-10	4.48	0.002358	± 2.5	PASS
		VN	0	-0.95	-0.000500	± 2.5	PASS
		VN	10	4.47	0.002353	± 2.5	PASS
		VN	20	3.78	0.001989	± 2.5	PASS
		VN	30	4.83	0.002542	± 2.5	PASS
		VN	40	-1.22	-0.000642	± 2.5	PASS
		VN	50	2.73	0.001437	± 2.5	PASS
16QAM	LCH	VN	-30	4.33	0.002328	± 2.5	PASS
		VN	-20	2.13	0.001145	± 2.5	PASS
		VN	-10	0.2	0.000108	± 2.5	PASS
		VN	0	-1.34	-0.000720	± 2.5	PASS
		VN	10	1.59	0.000855	± 2.5	PASS
		VN	20	3.51	0.001887	± 2.5	PASS
		VN	30	3.27	0.001758	± 2.5	PASS
		VN	40	2.91	0.001565	± 2.5	PASS
		VN	50	4.04	0.002172	± 2.5	PASS
	MCH	VN	-30	4.85	0.002580	± 2.5	PASS
		VN	-20	4.49	0.002388	± 2.5	PASS
		VN	-10	2.94	0.001564	± 2.5	PASS
		VN	0	4.55	0.002420	± 2.5	PASS
		VN	10	-1.86	-0.000989	± 2.5	PASS
		VN	20	2.31	0.001229	± 2.5	PASS
		VN	30	3.88	0.002064	± 2.5	PASS
		VN	40	1.19	0.000633	± 2.5	PASS
		VN	50	-1.47	-0.000782	± 2.5	PASS
	HCH	VN	-30	3.61	0.001900	± 2.5	PASS
		VN	-20	2.75	0.001447	± 2.5	PASS
		VN	-10	0.14	0.000074	± 2.5	PASS
		VN	0	0.65	0.000342	± 2.5	PASS
		VN	10	2.39	0.001258	± 2.5	PASS
		VN	20	5	0.002632	± 2.5	PASS
		VN	30	1.05	0.000553	± 2.5	PASS
		VN	40	4.29	0.002258	± 2.5	PASS
		VN	50	-0.54	-0.000284	± 2.5	PASS