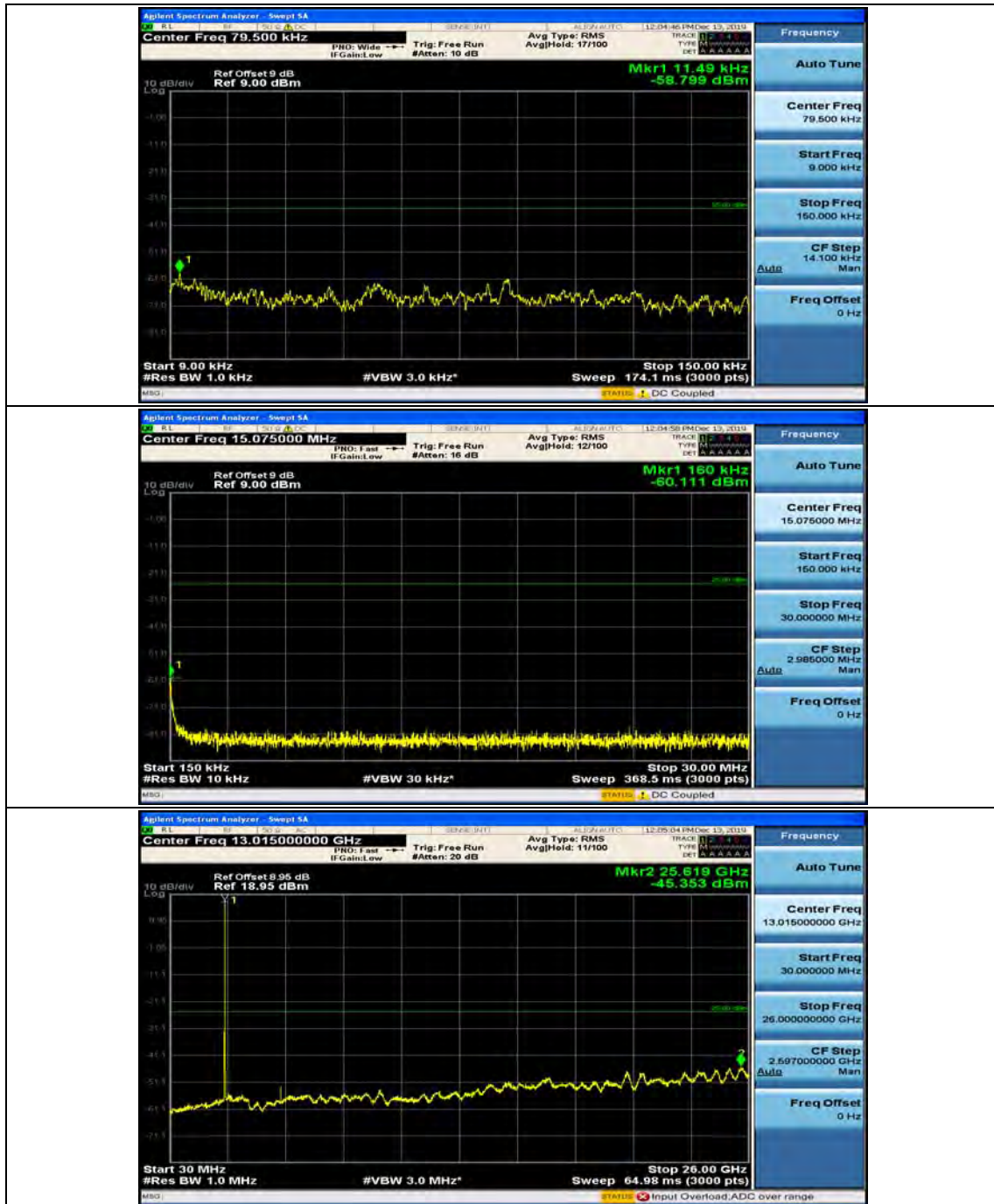
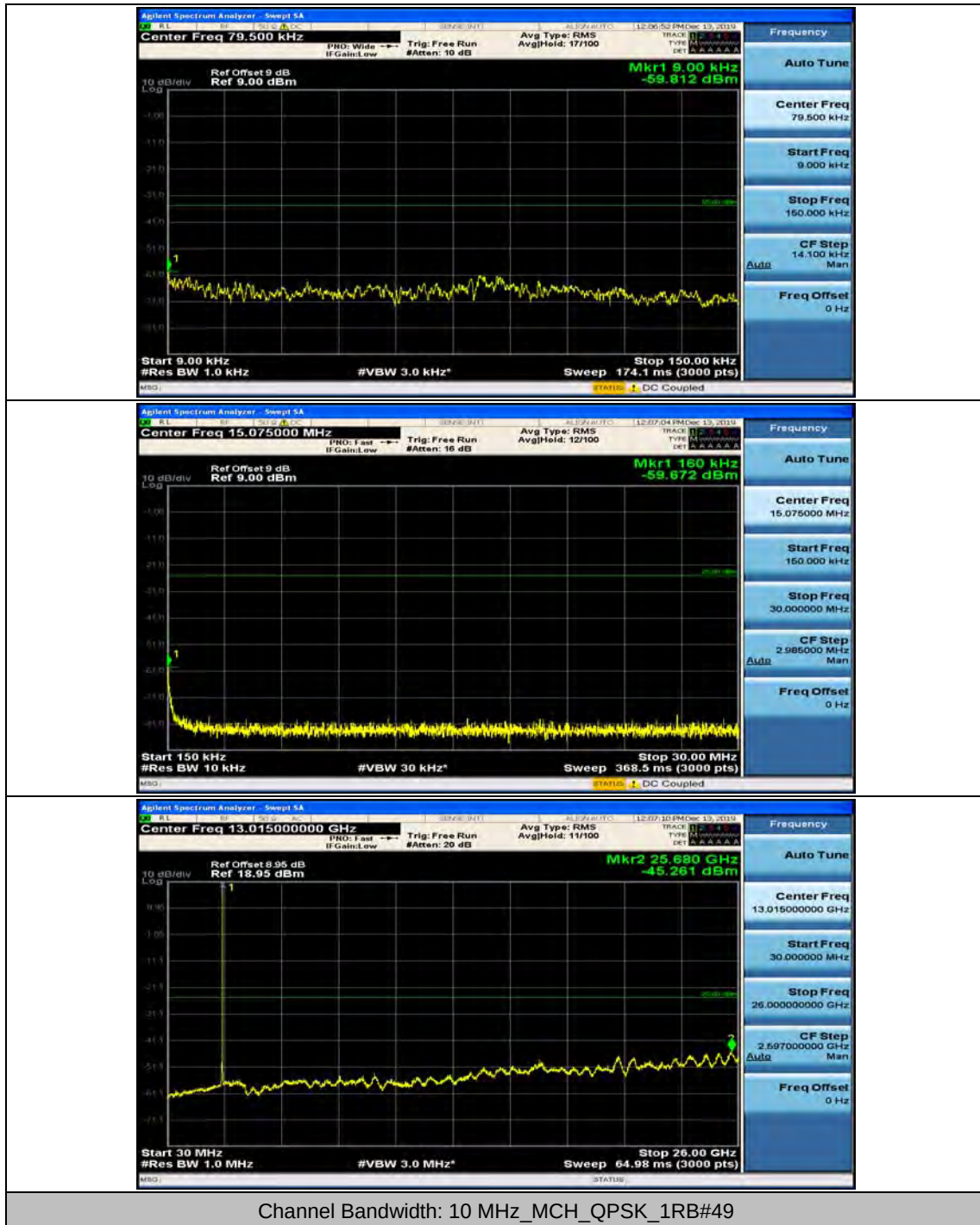


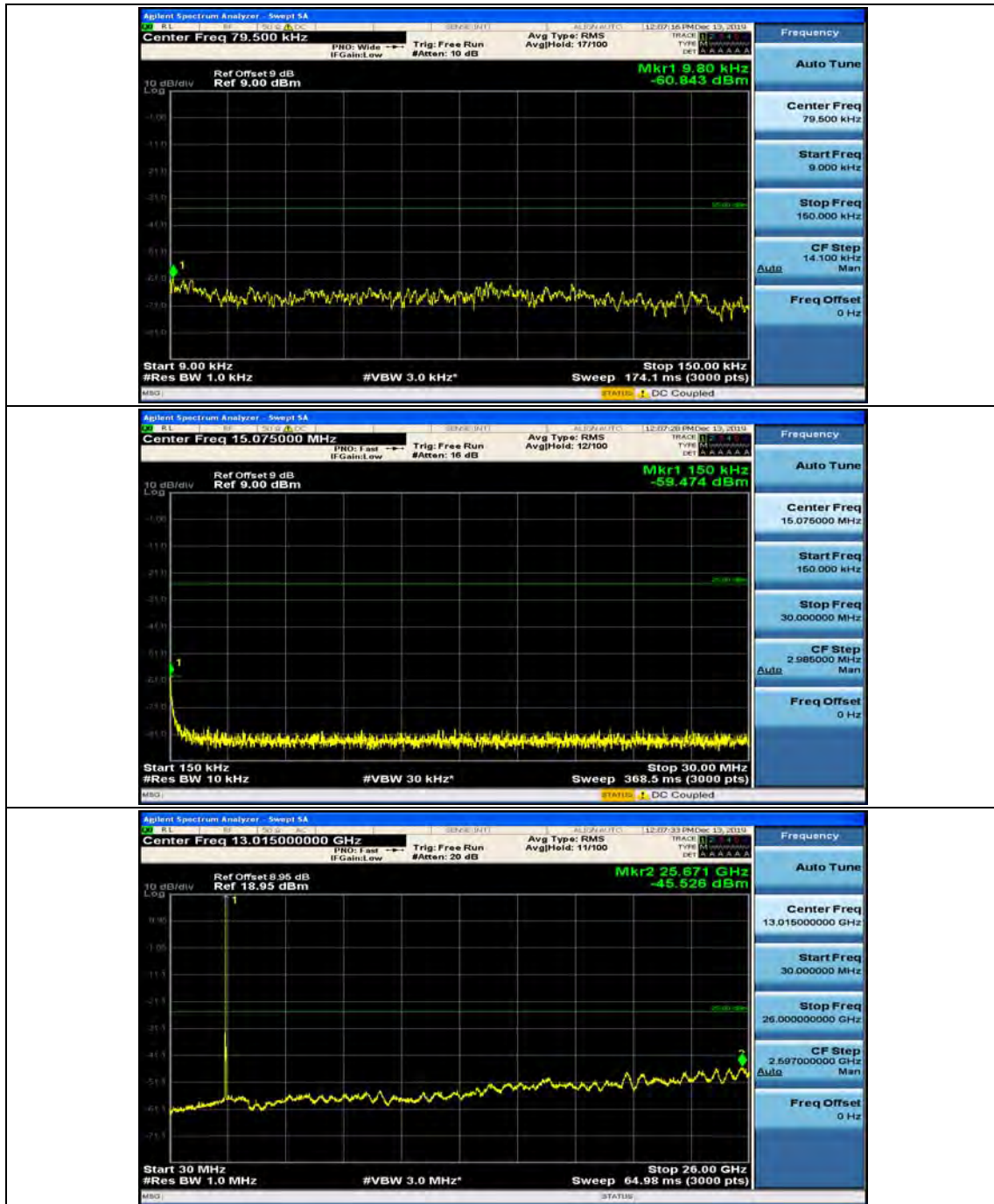


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

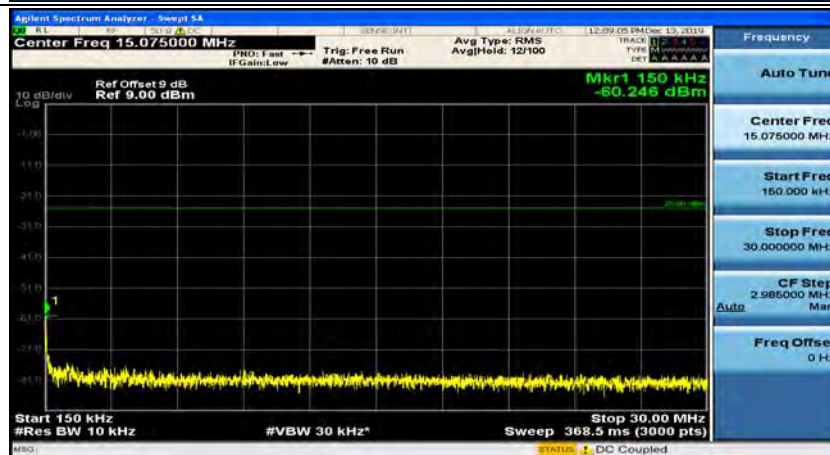


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24

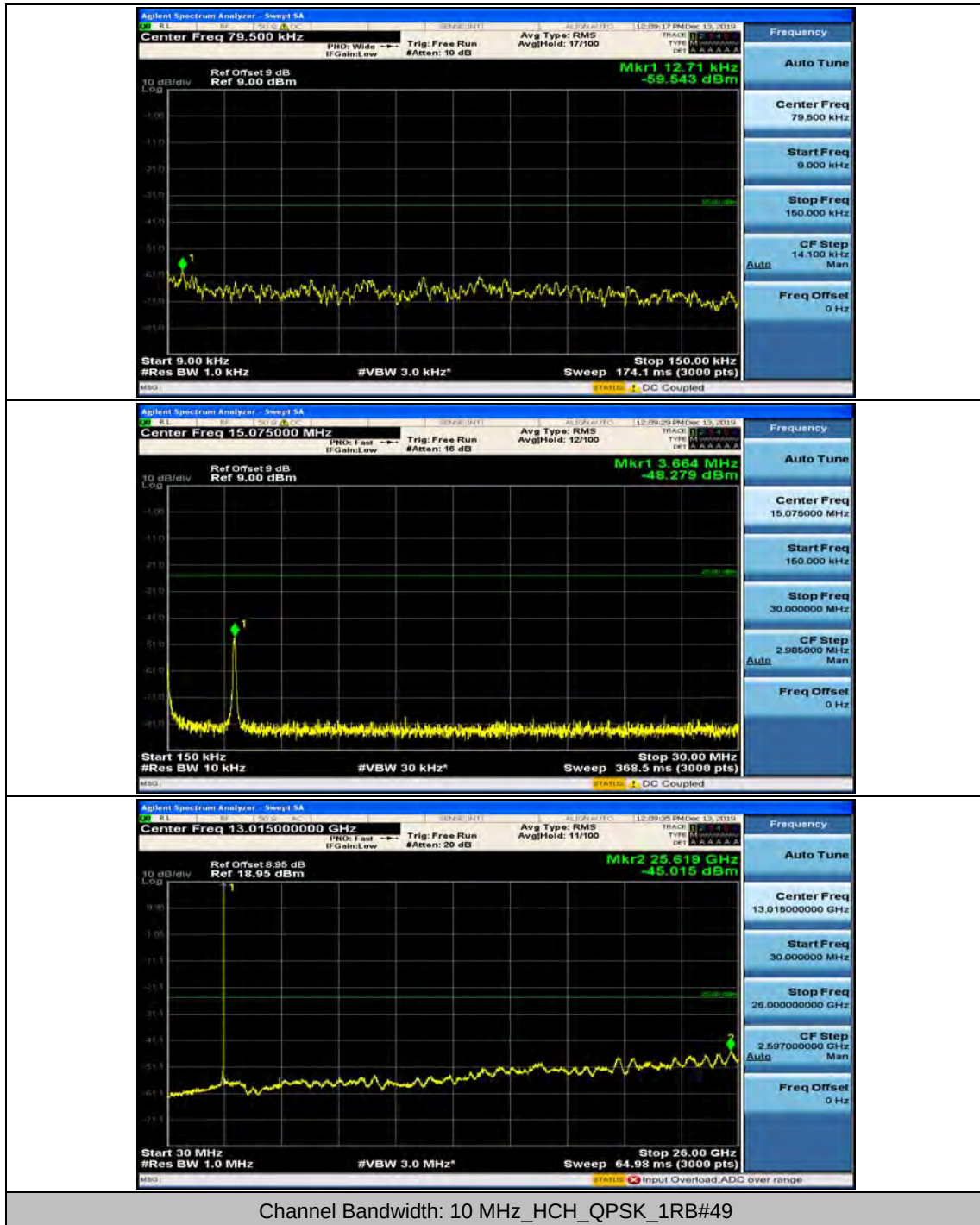


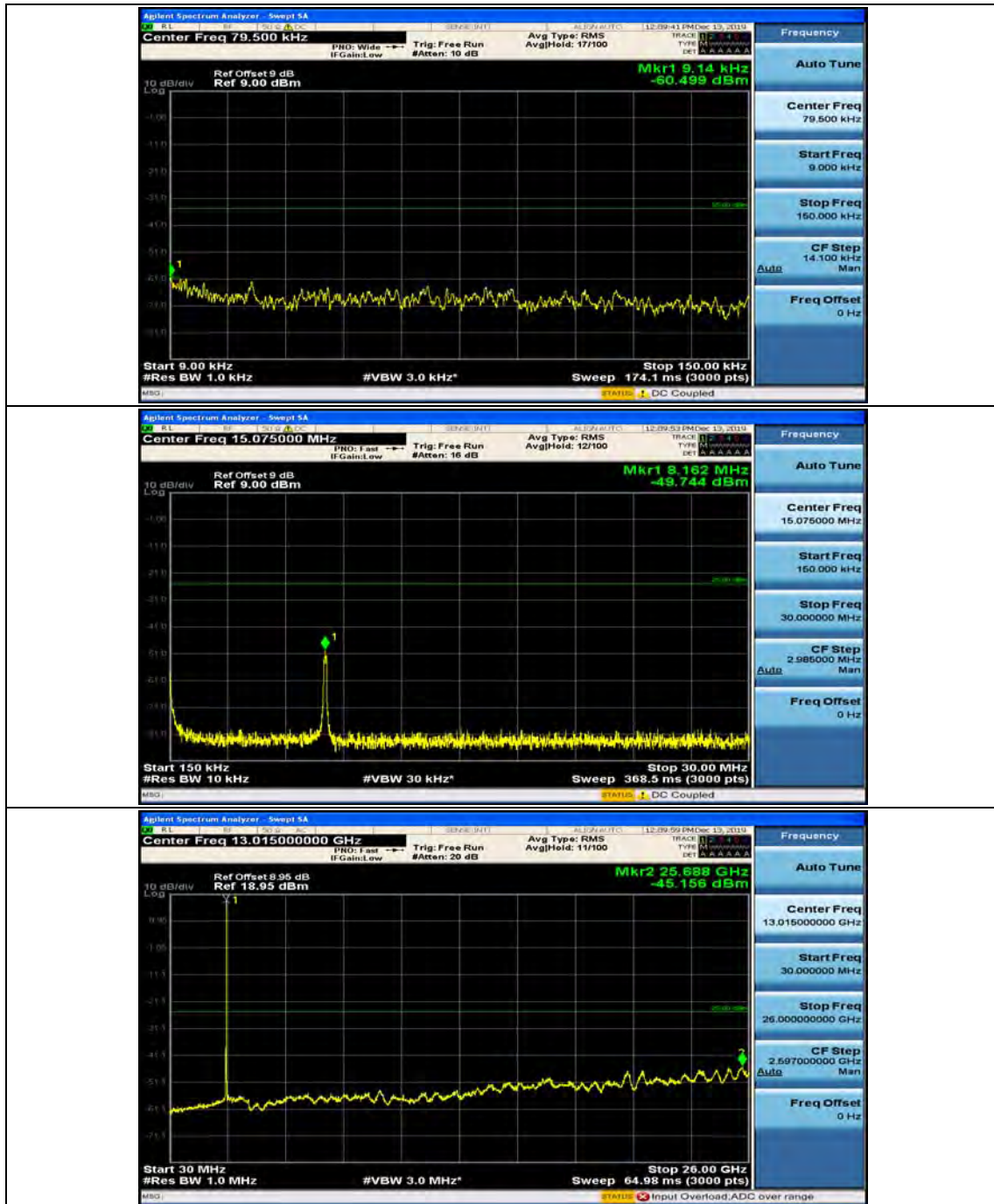


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

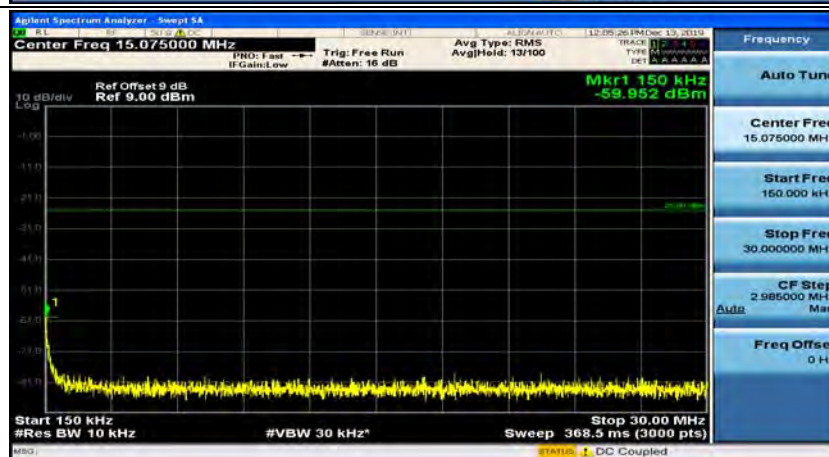
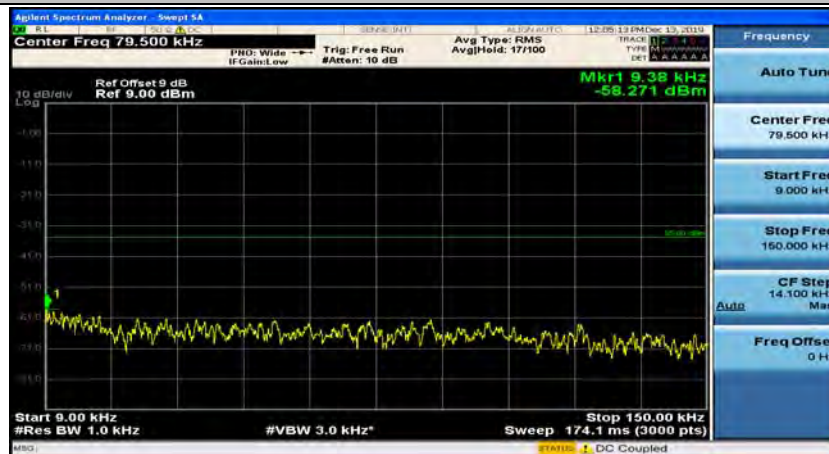


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24

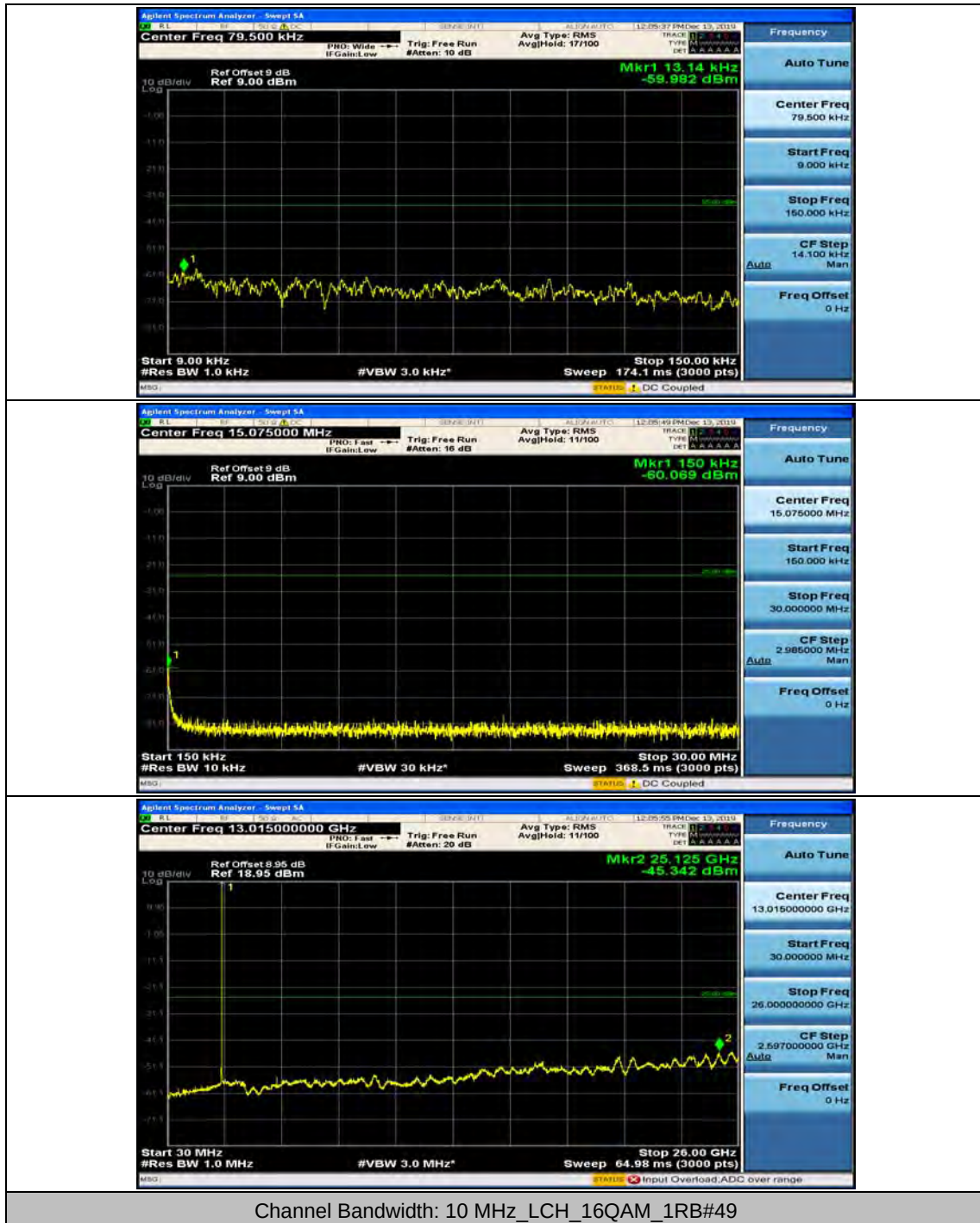


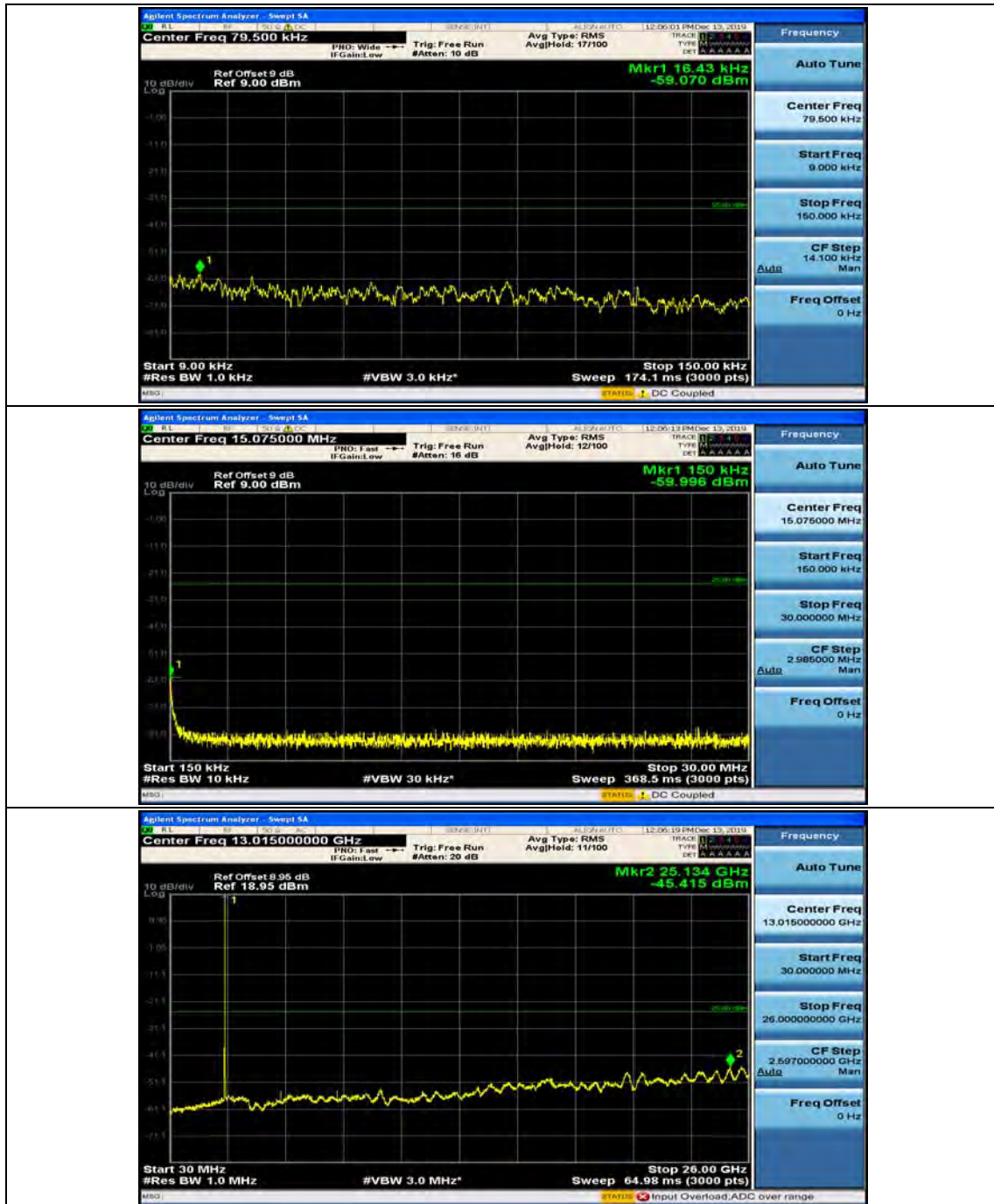


Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0

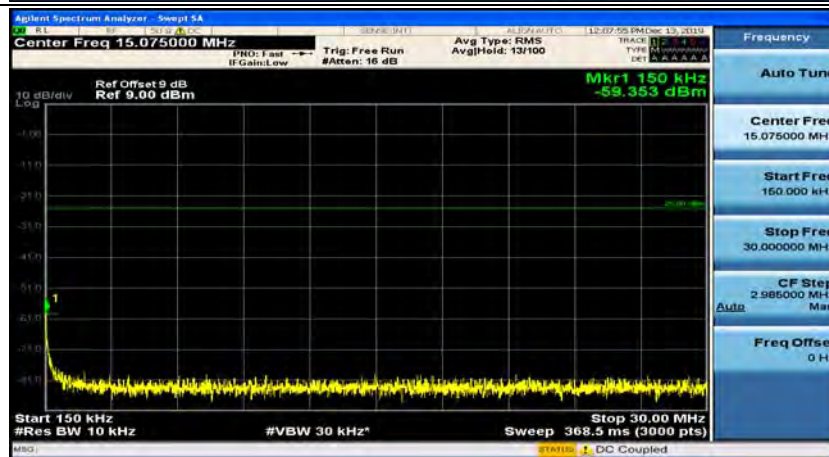


Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24

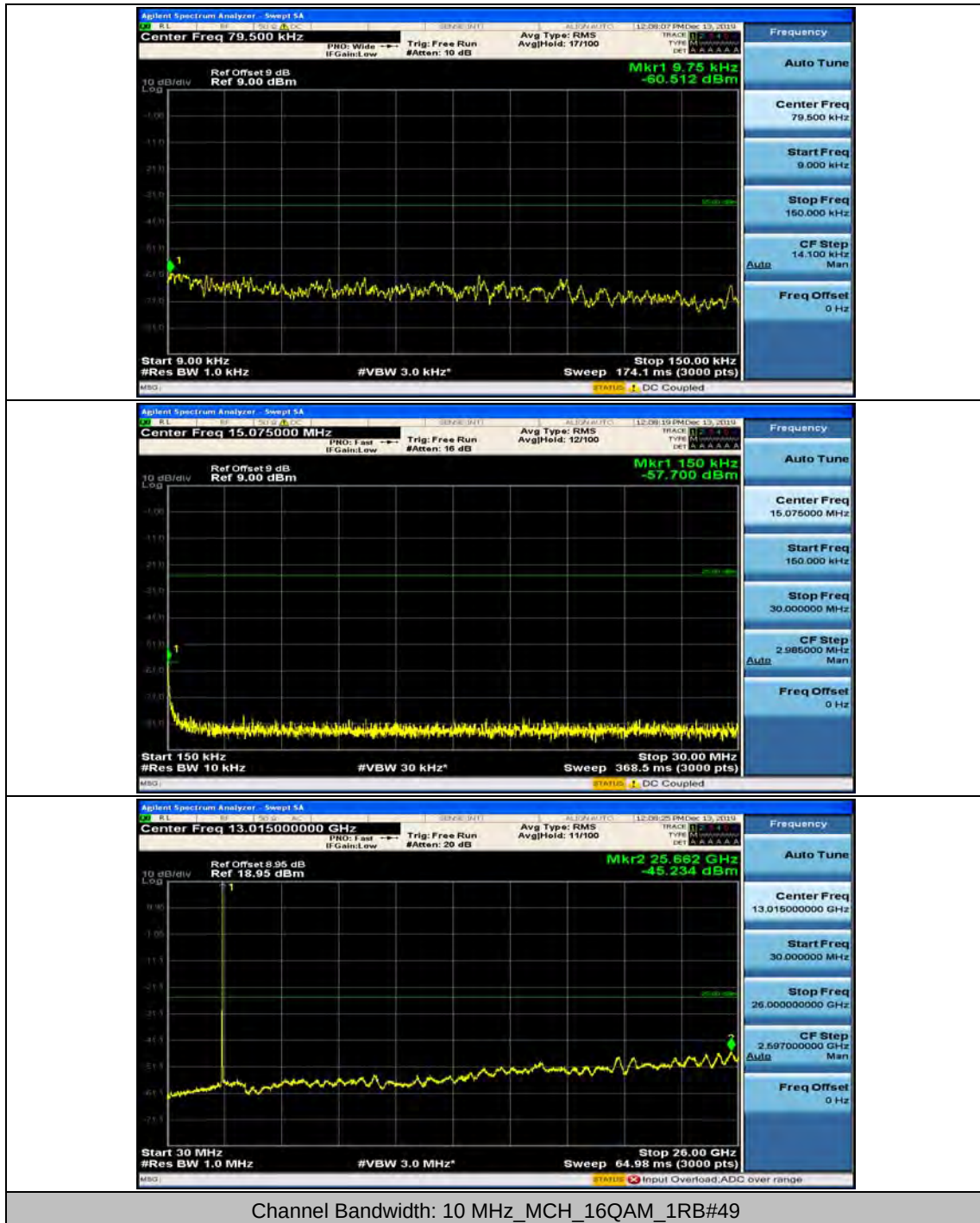


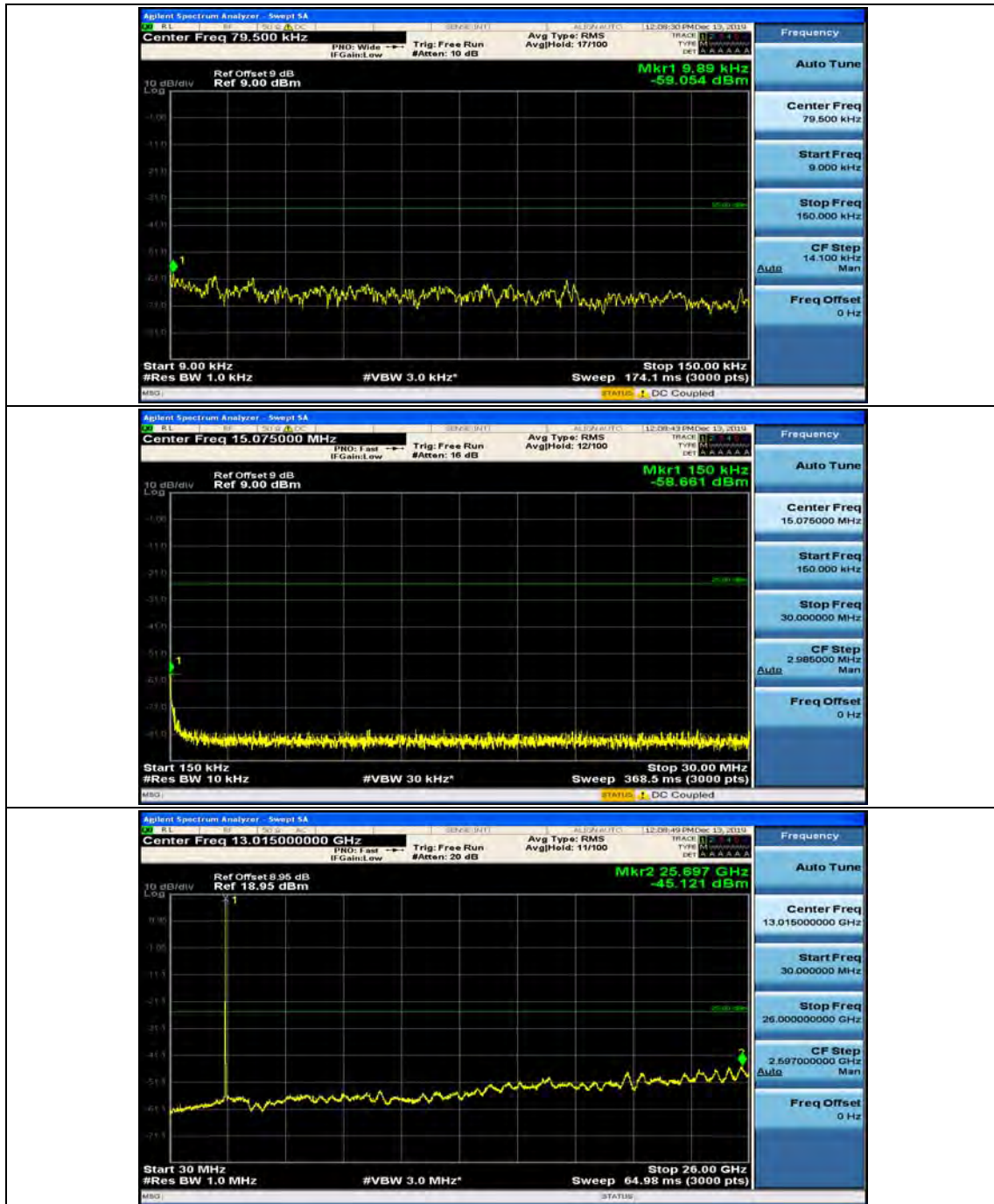


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

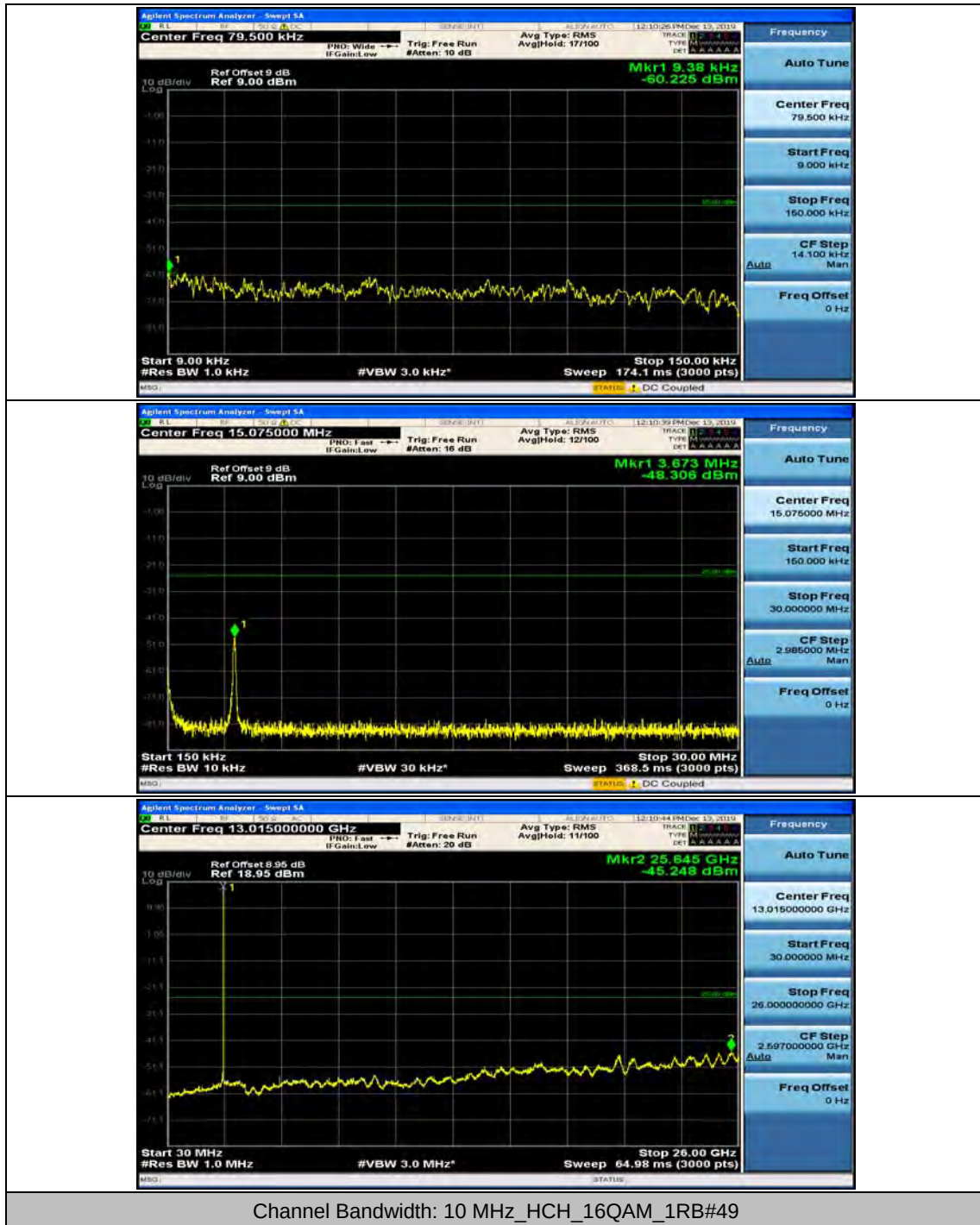


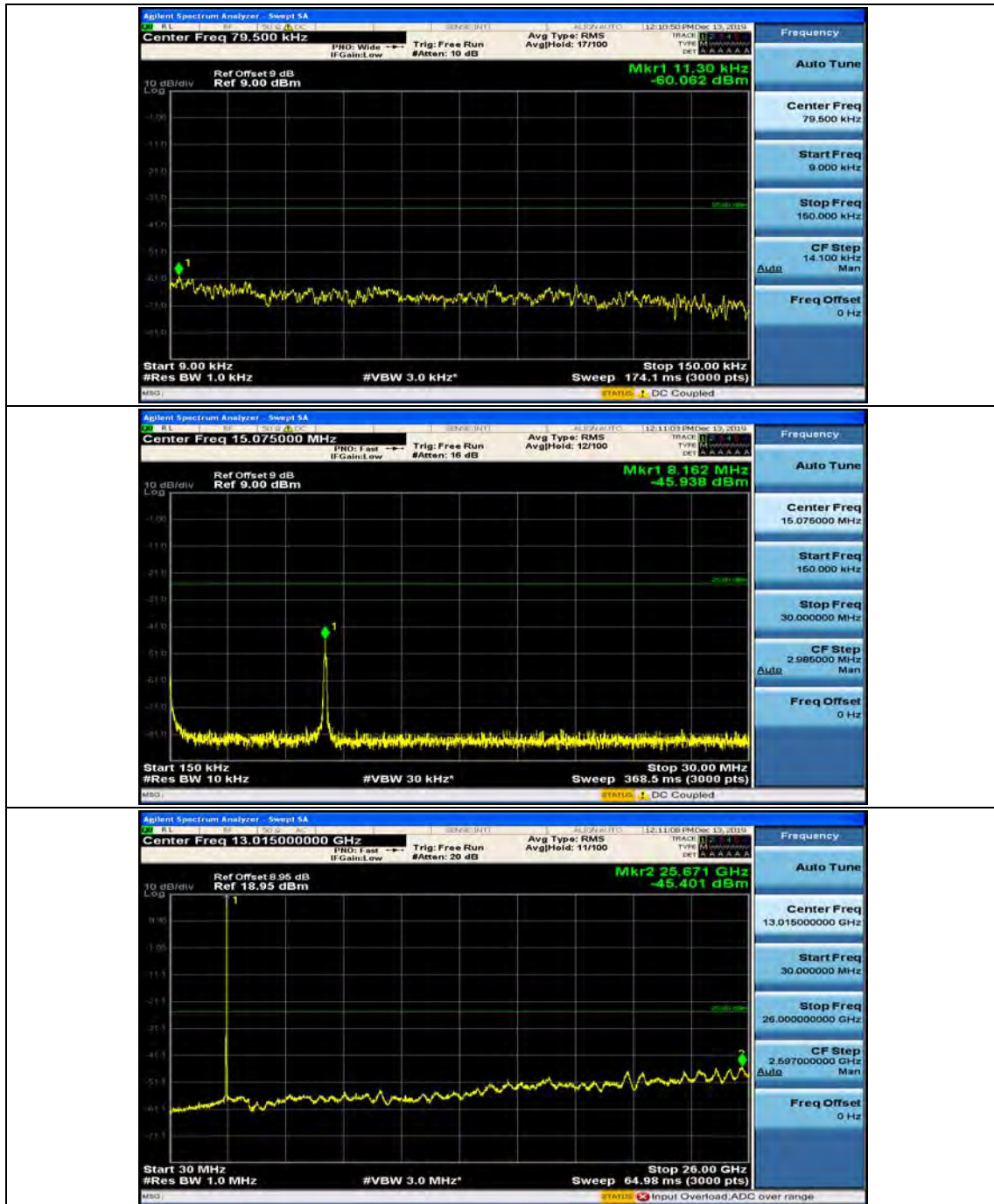


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



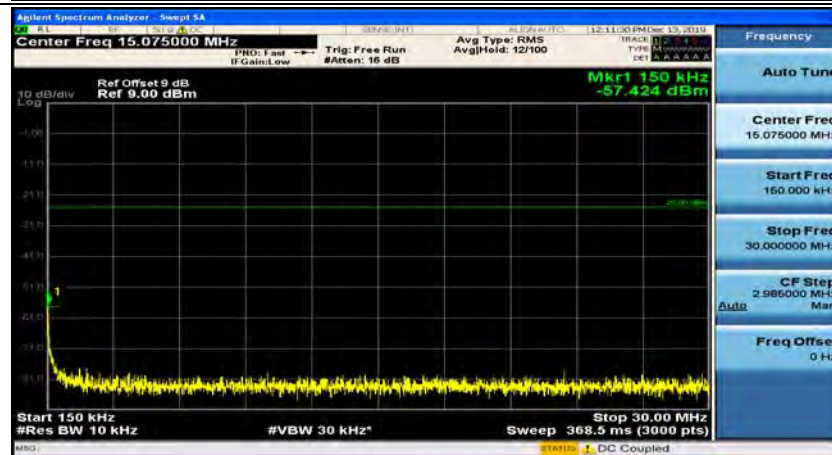
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24



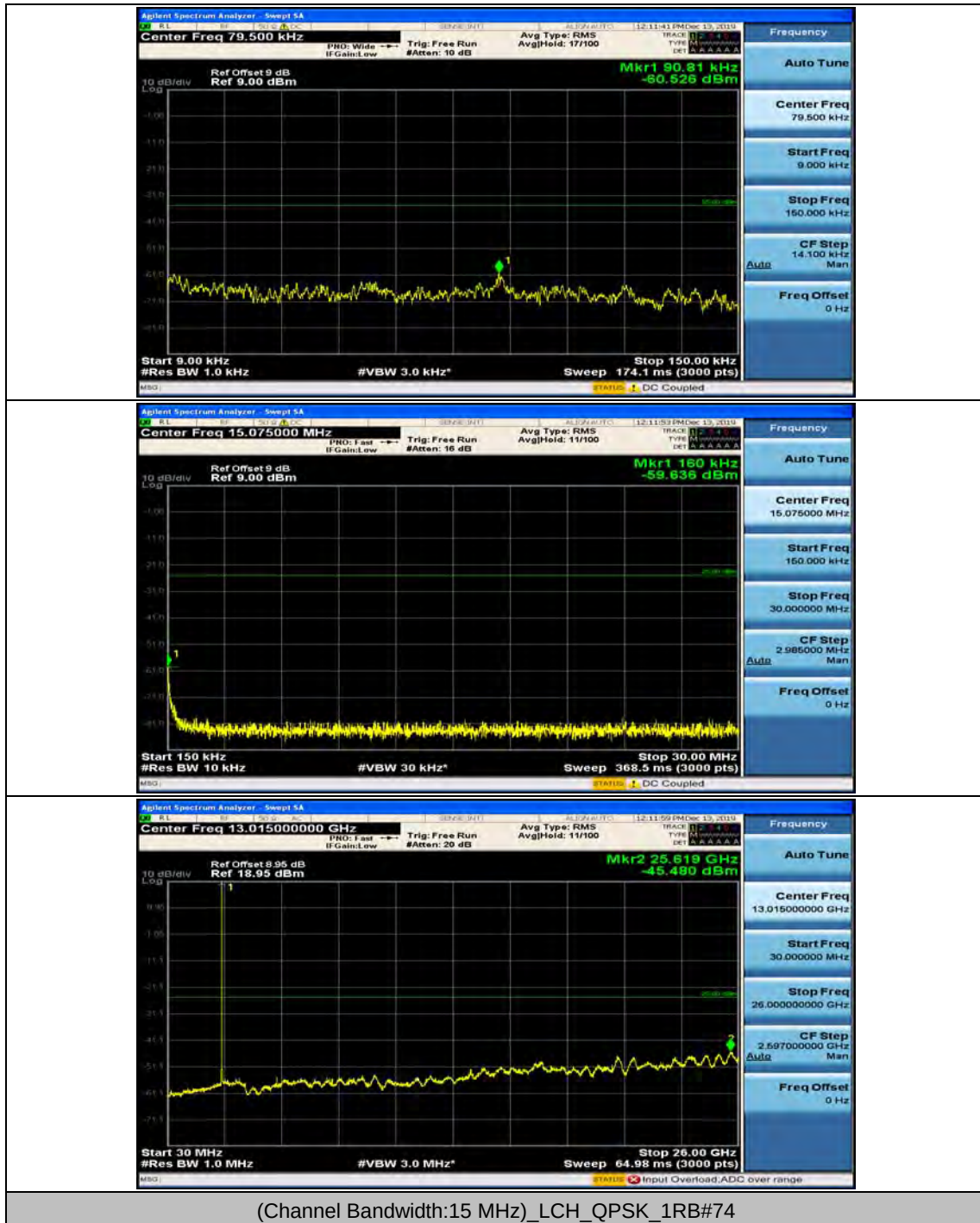


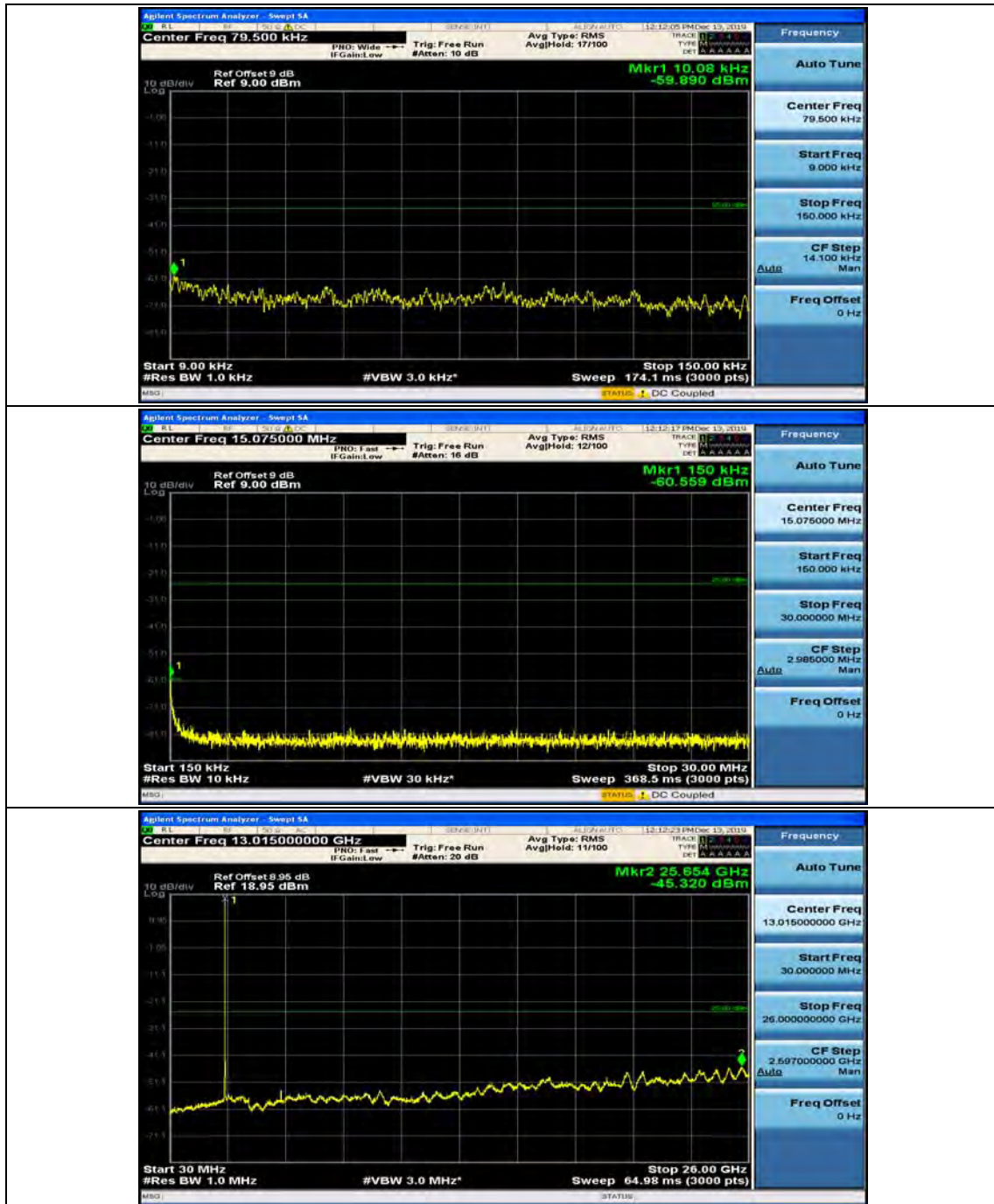
Channel Bandwidth: 15 MHz

(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#0

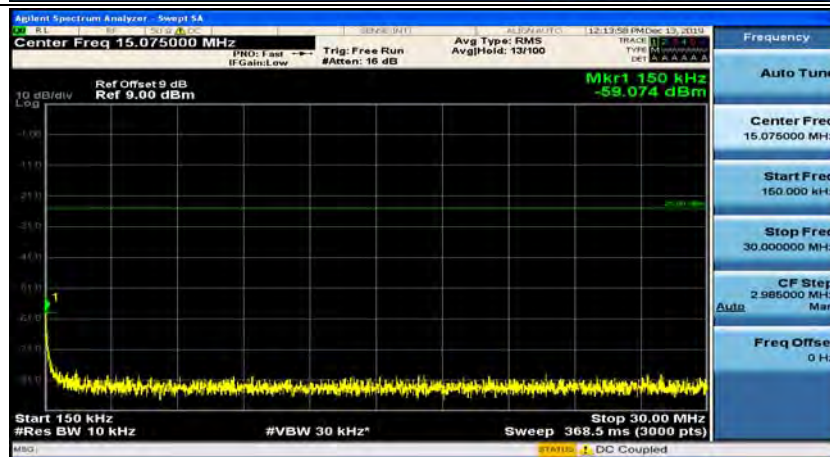


(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#37

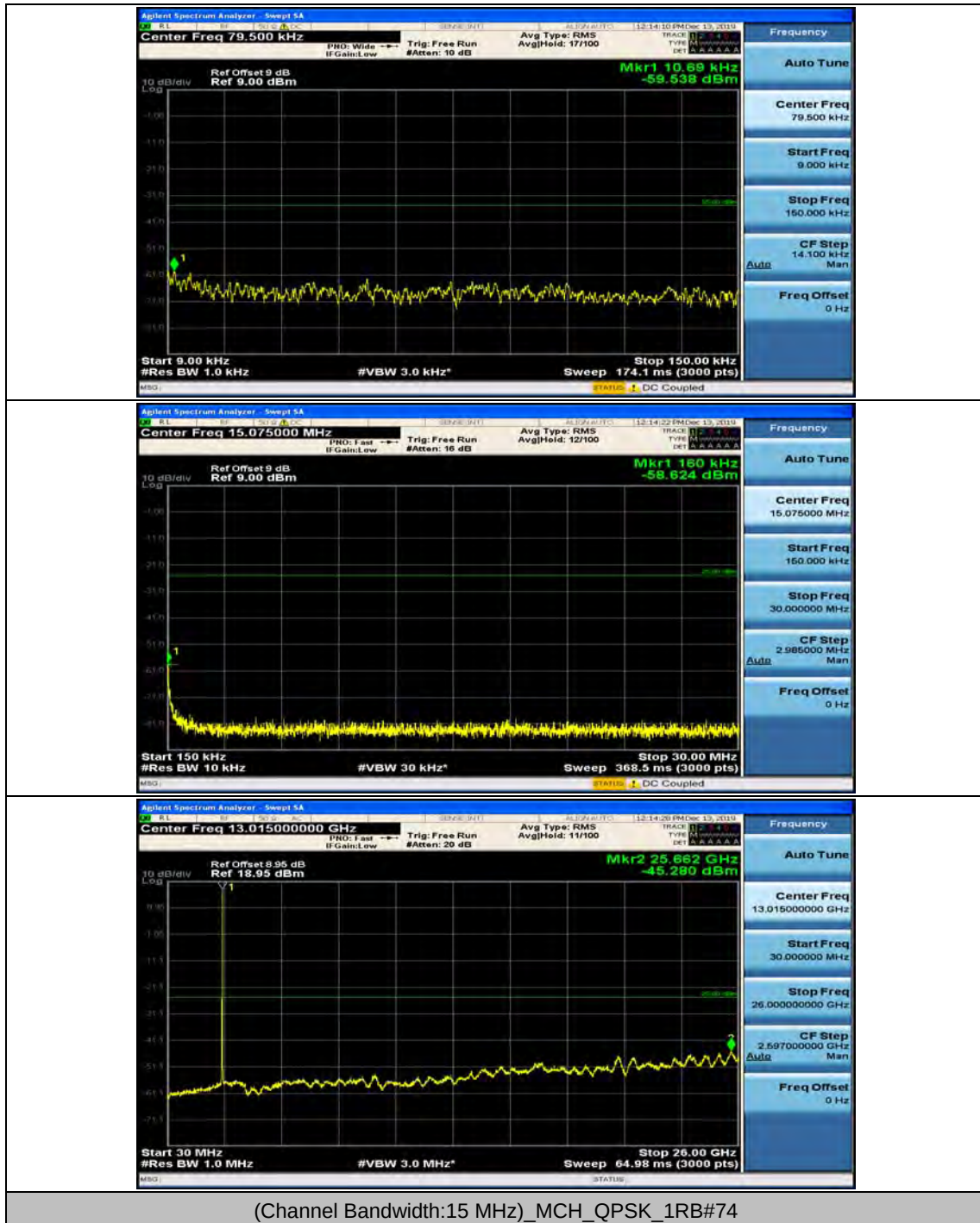


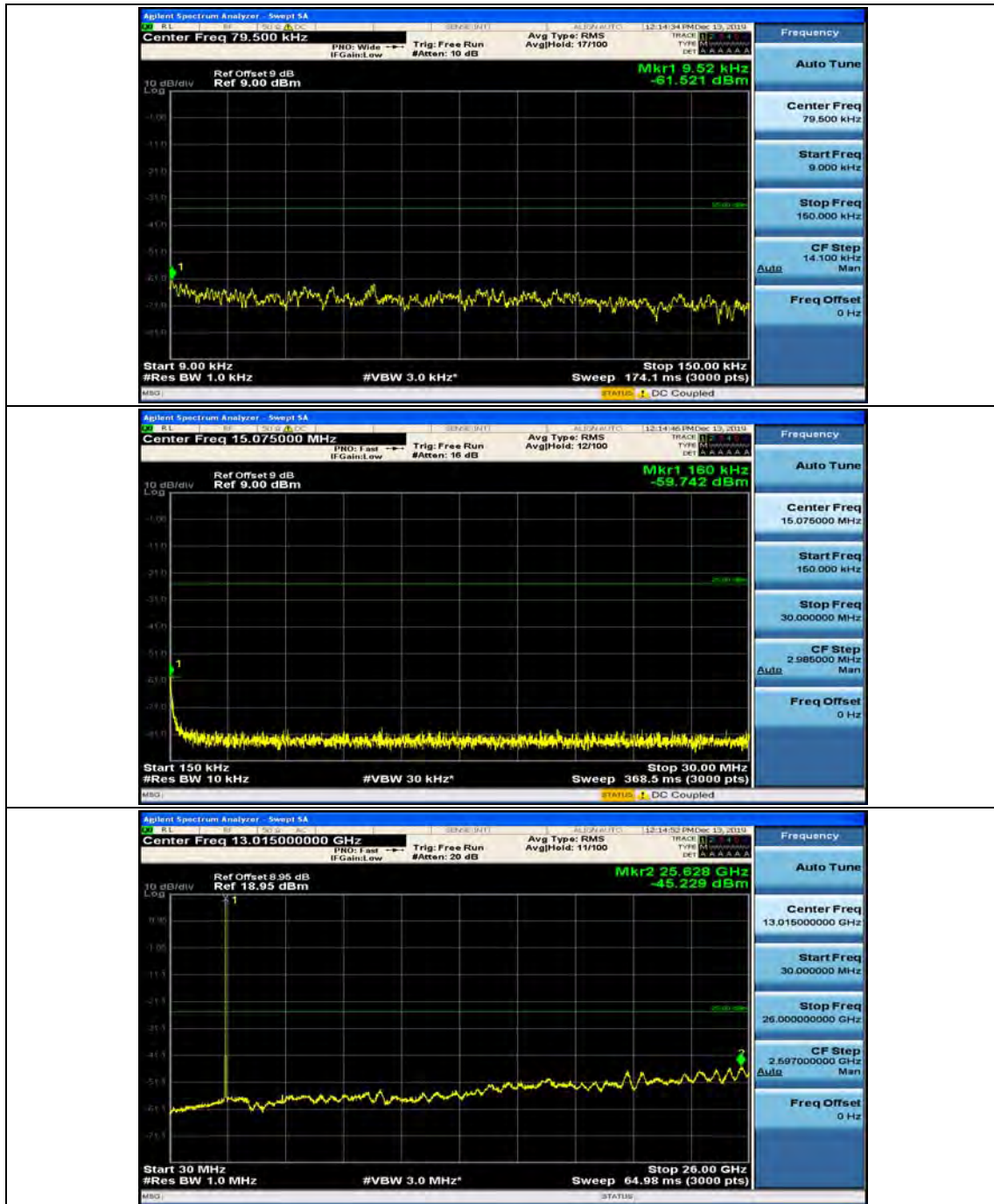


(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0

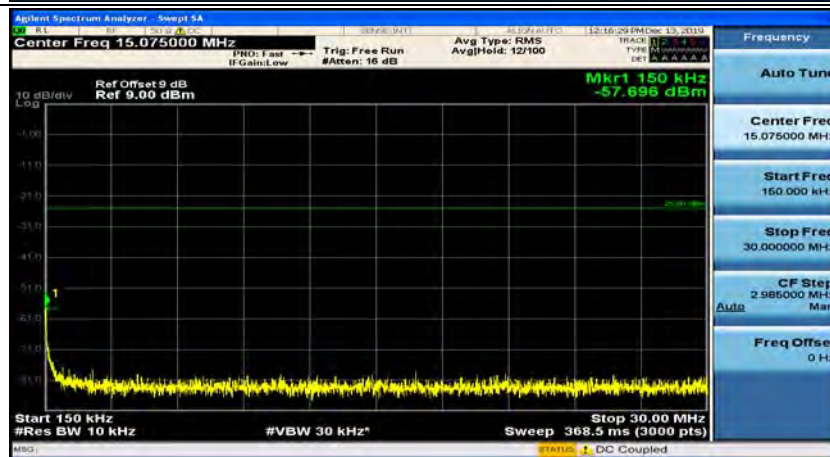


(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37

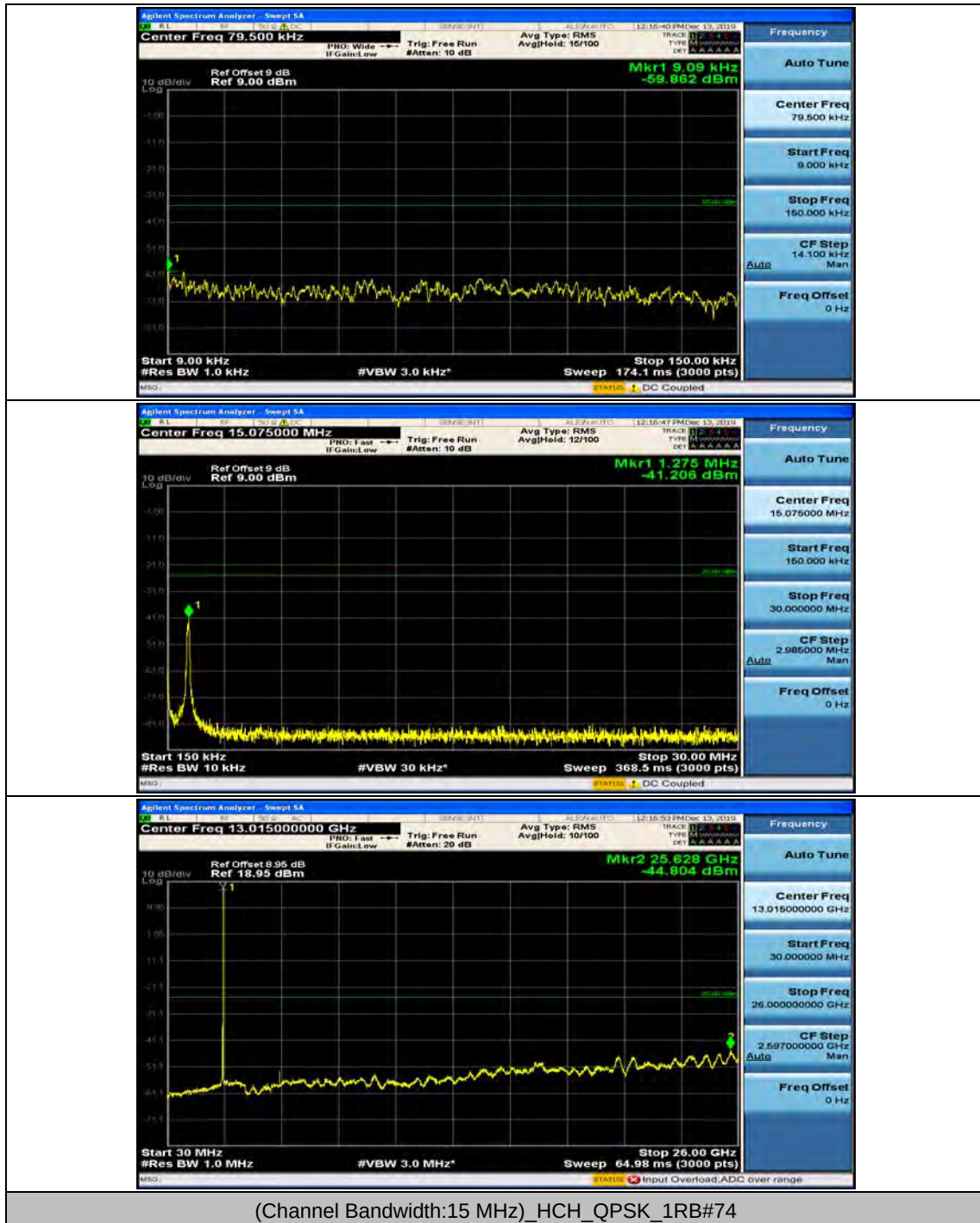


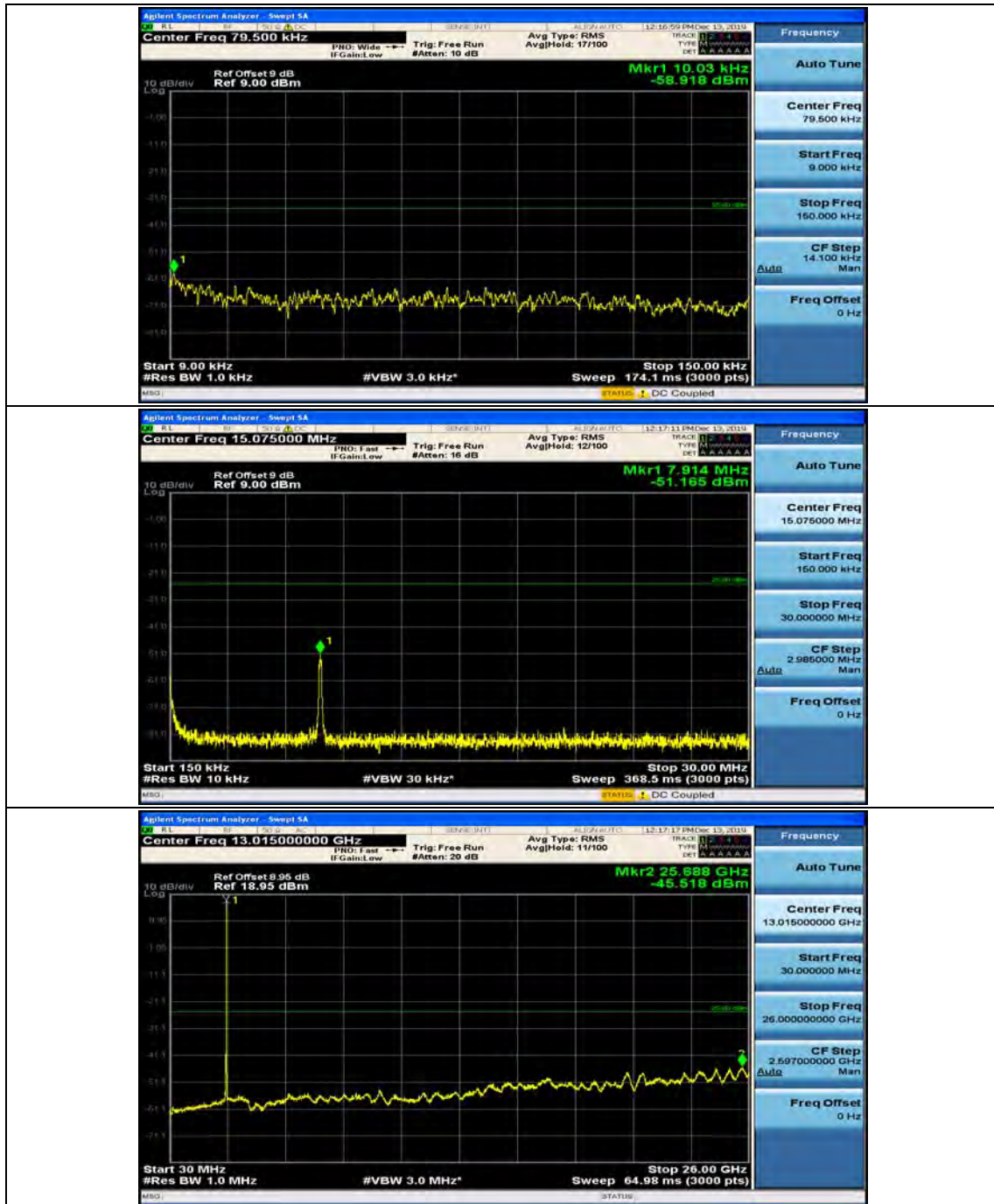


(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0

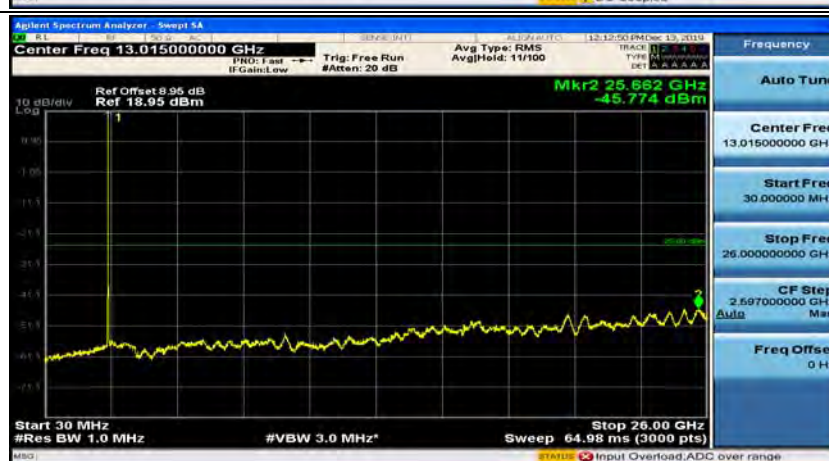
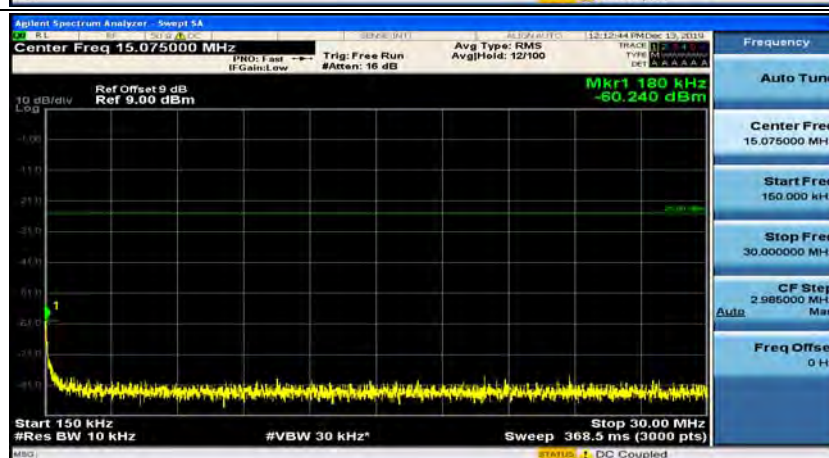
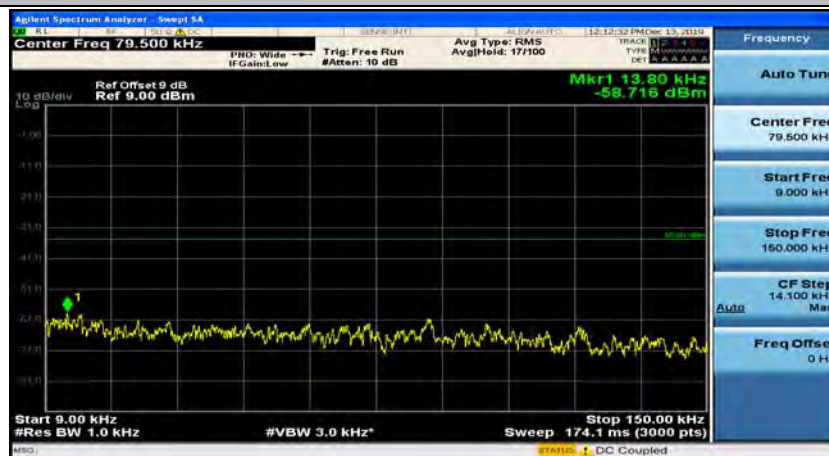


(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37

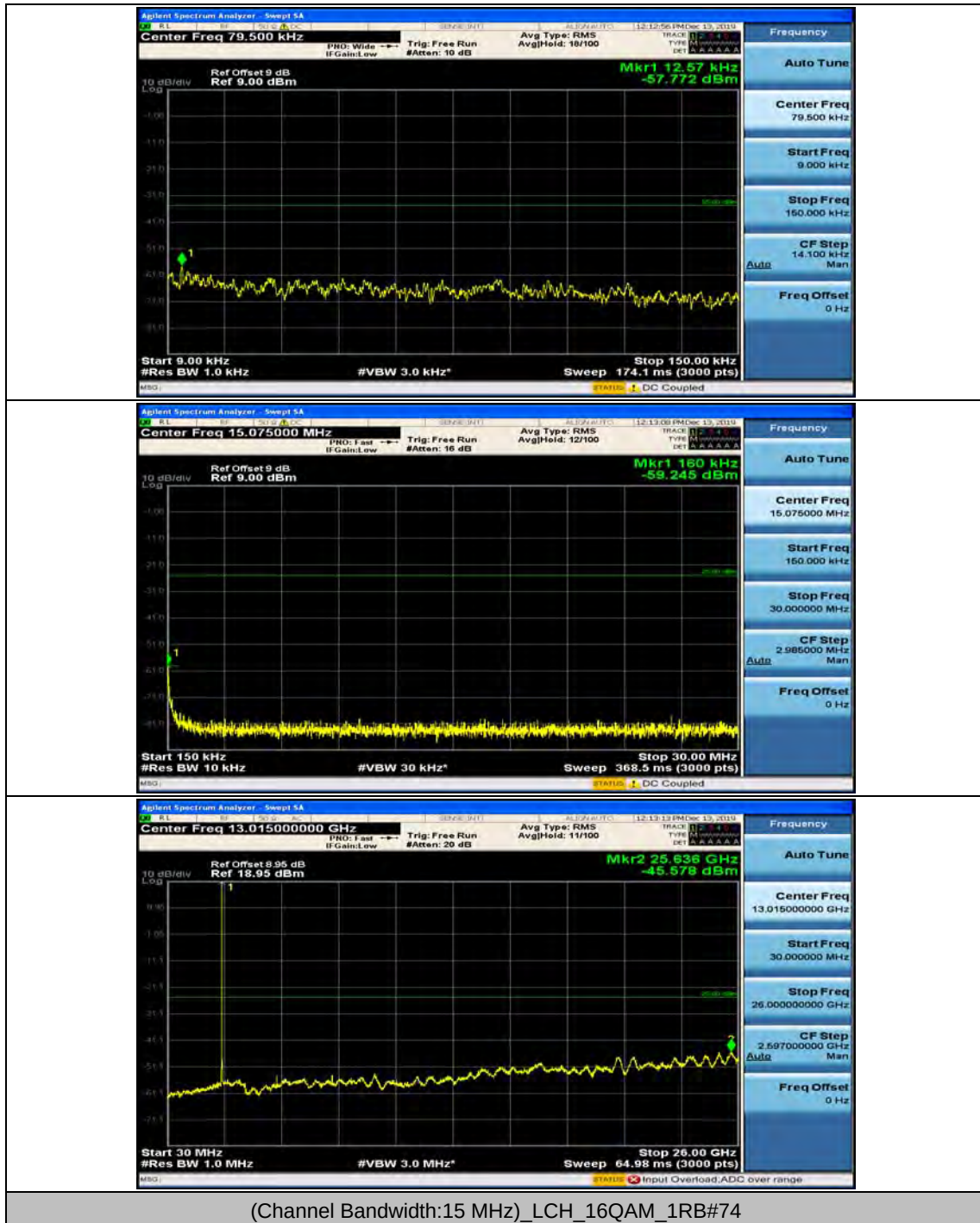


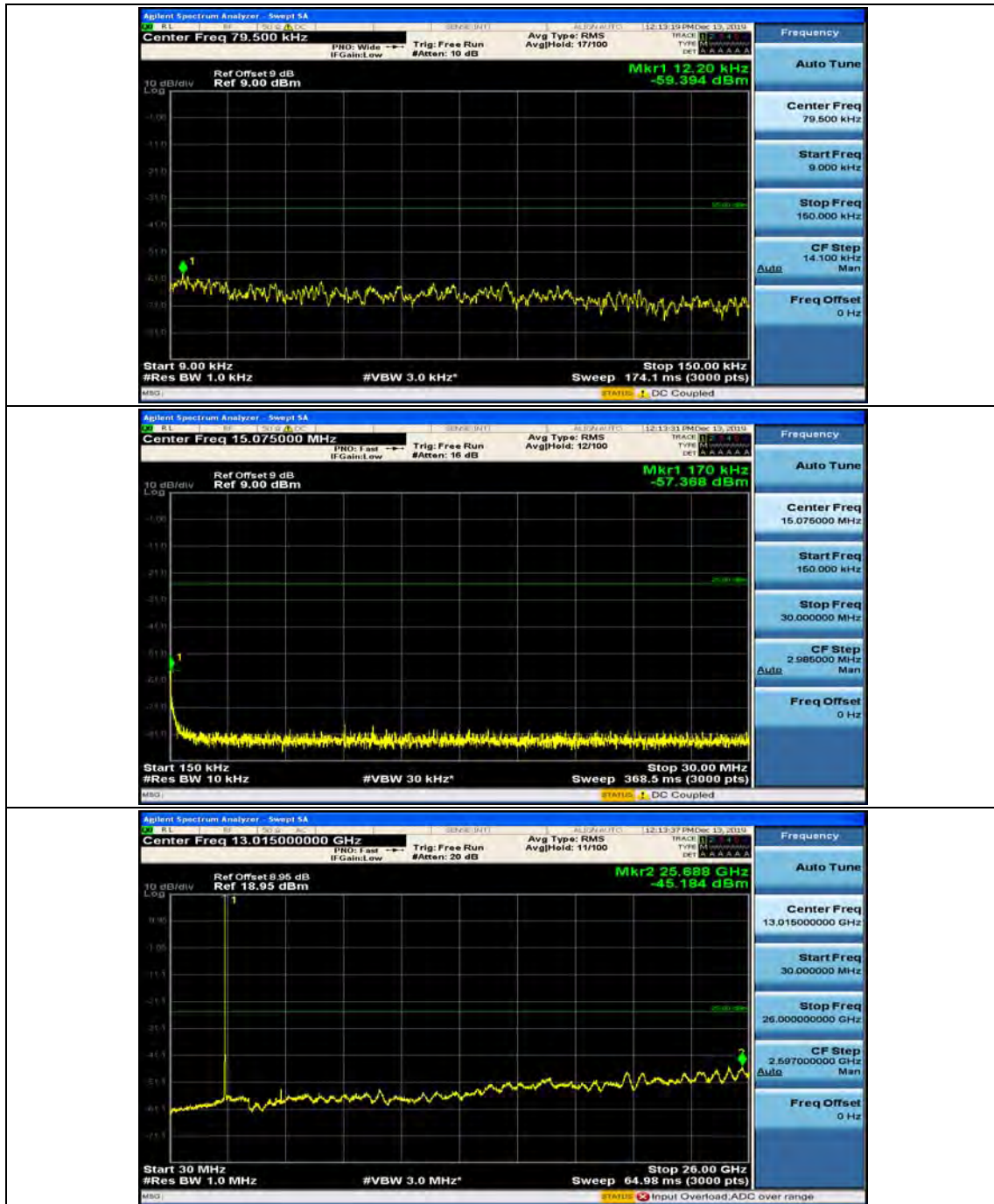


(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#37

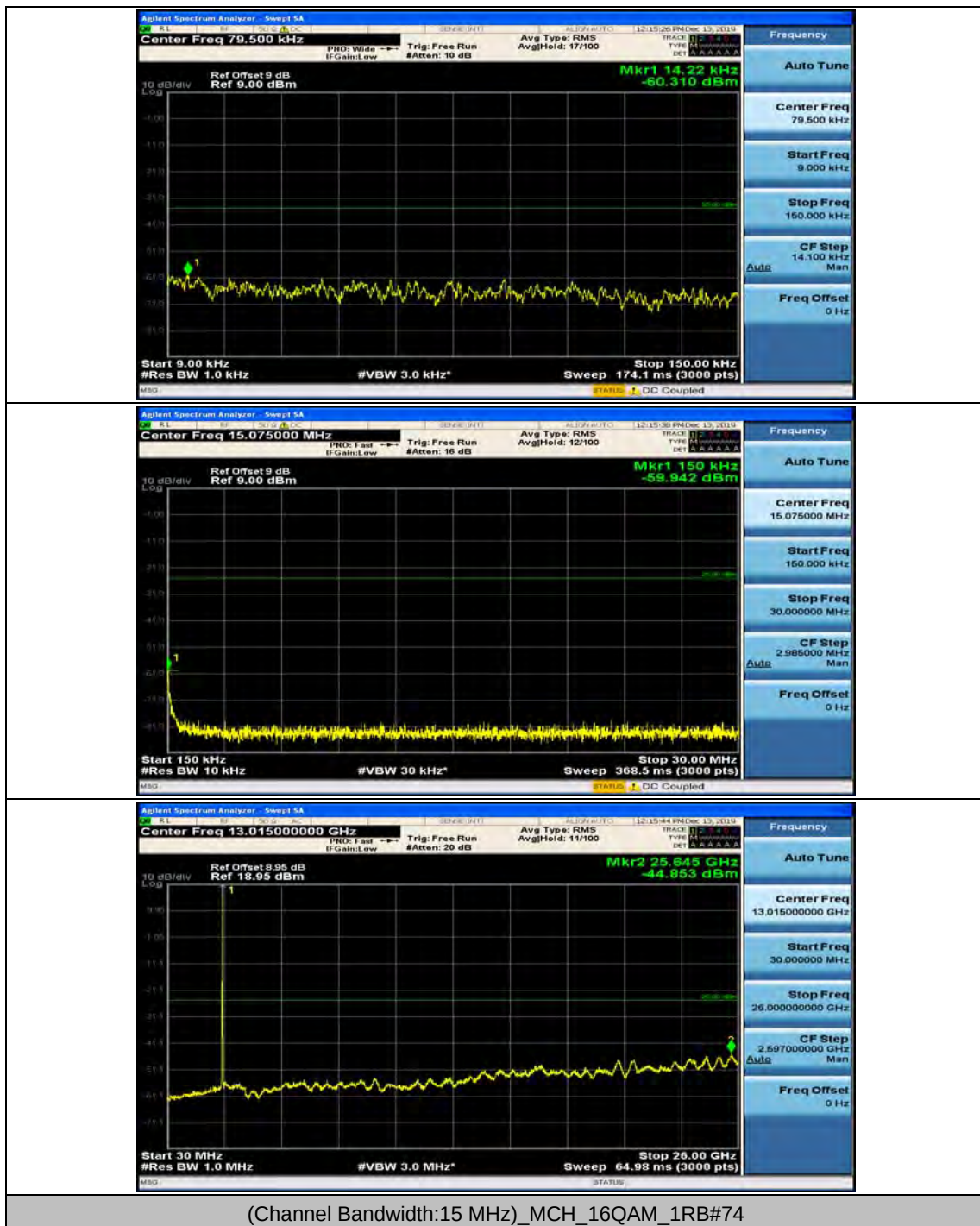


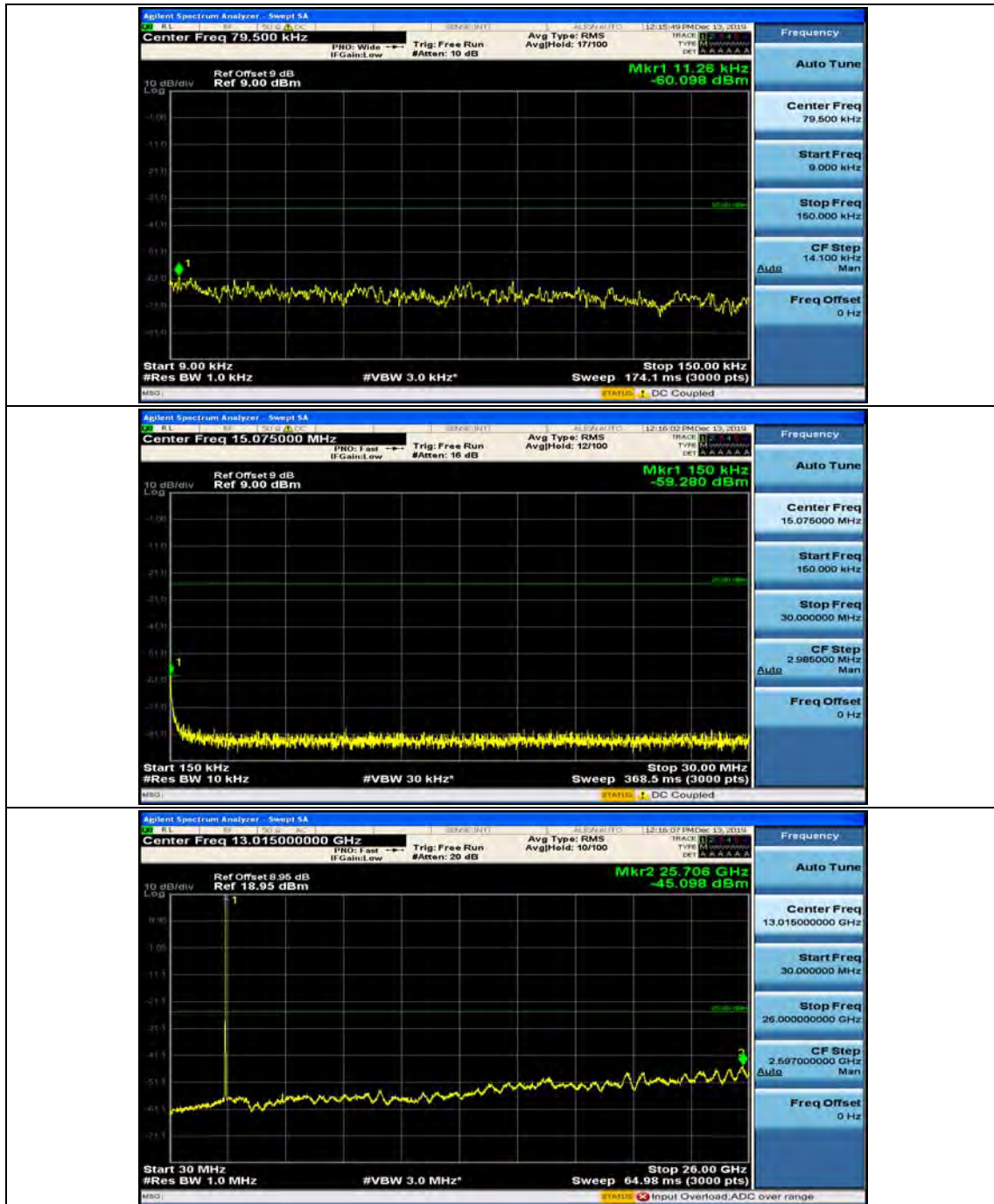


(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0

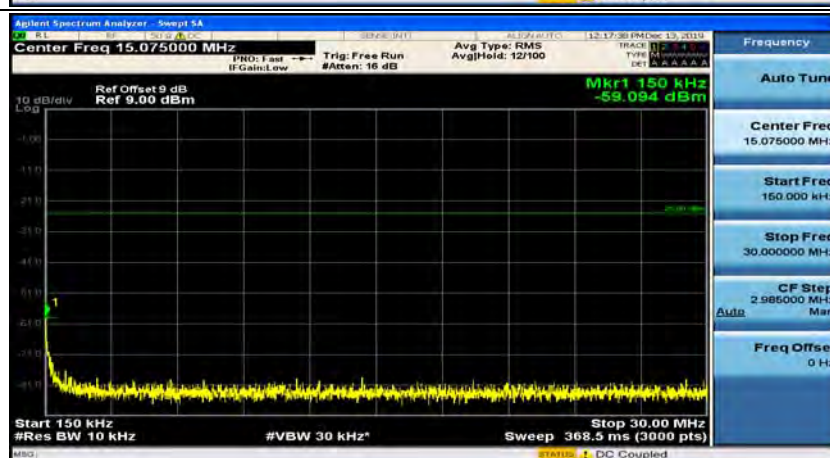
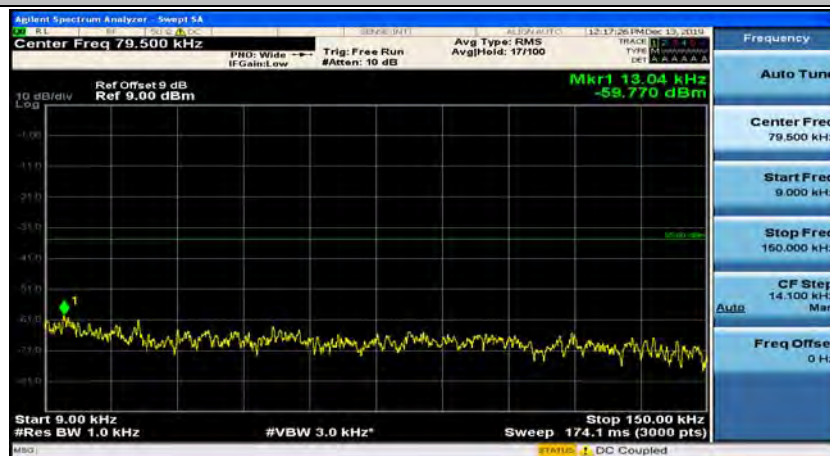


(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37

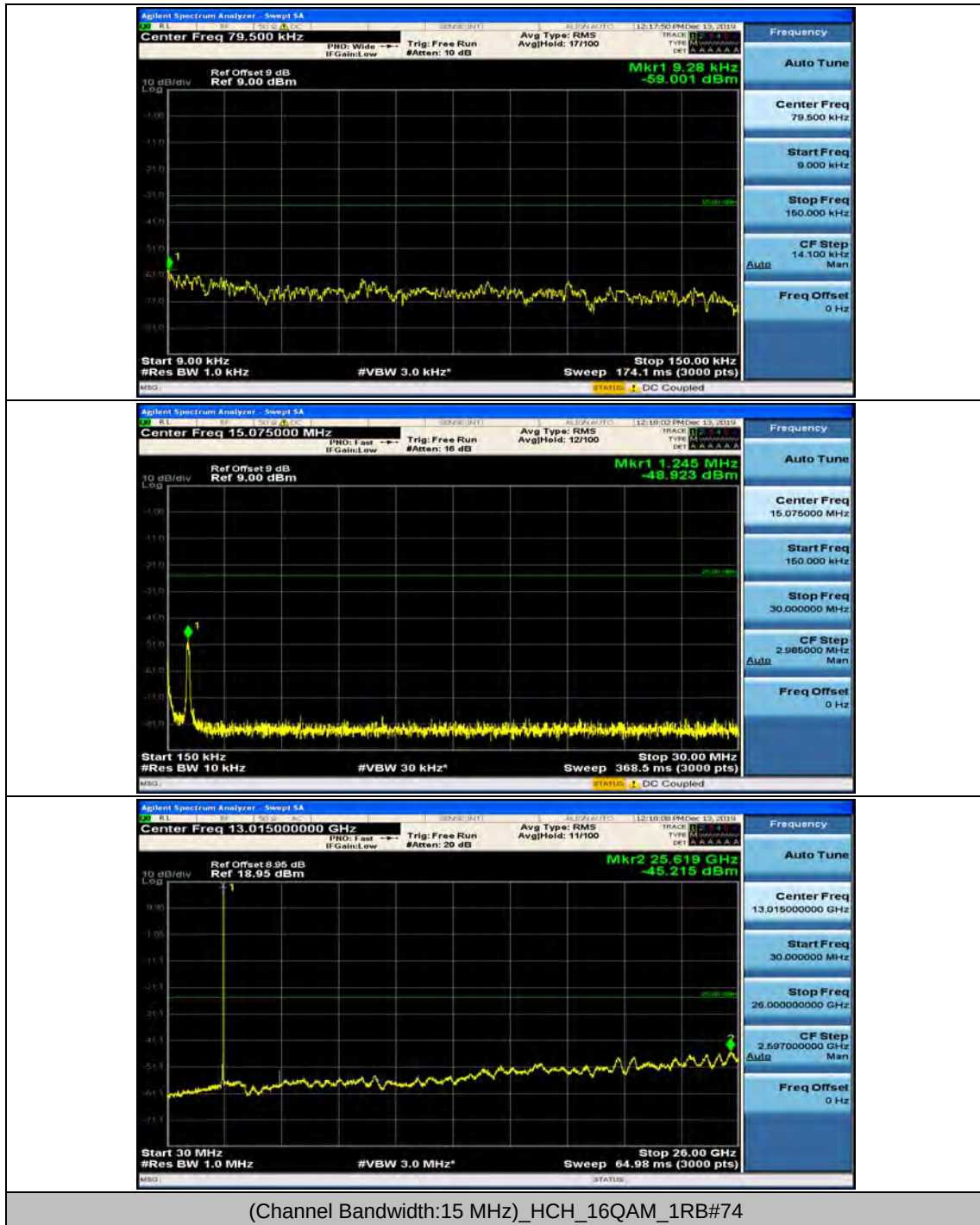


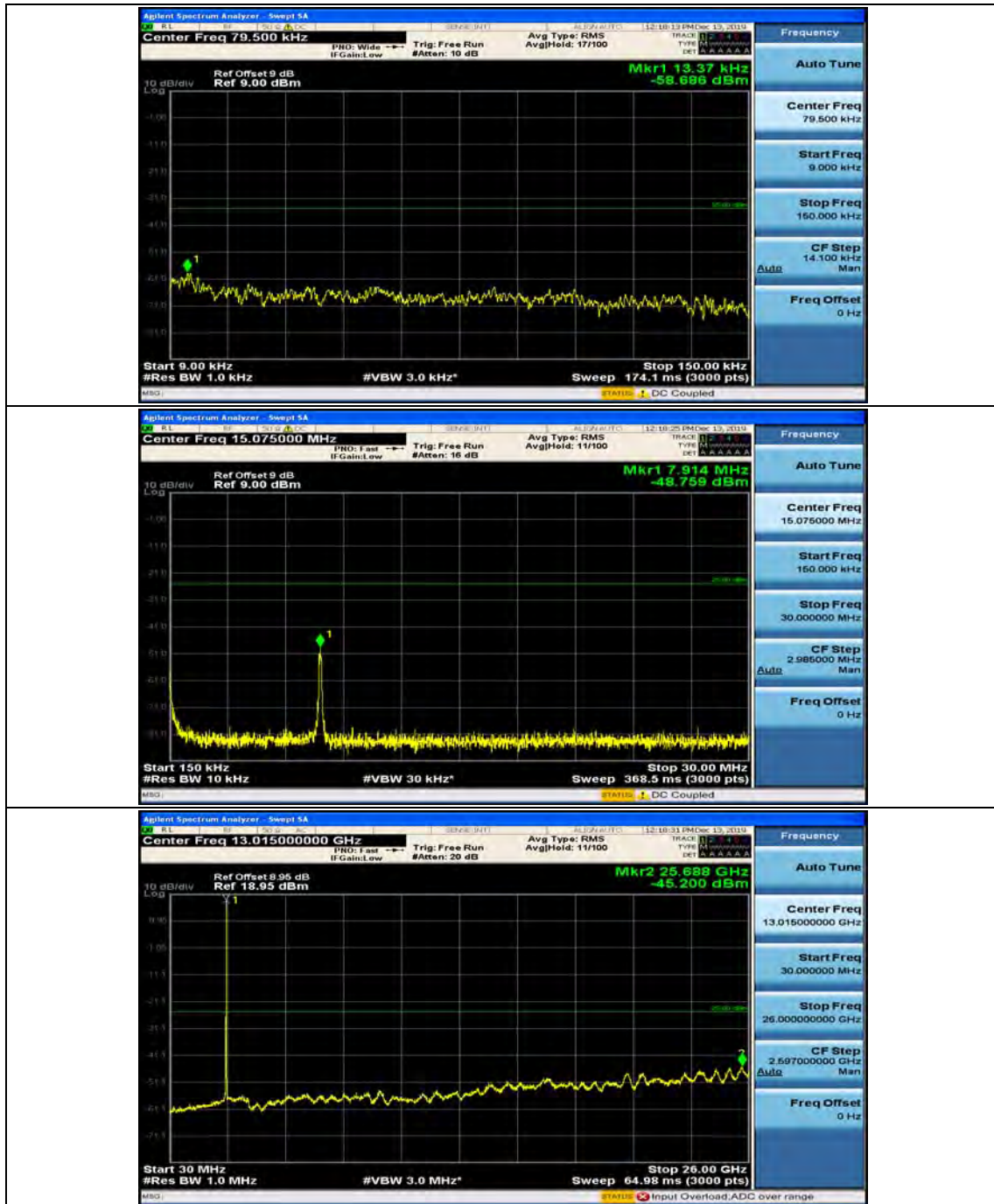


(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0

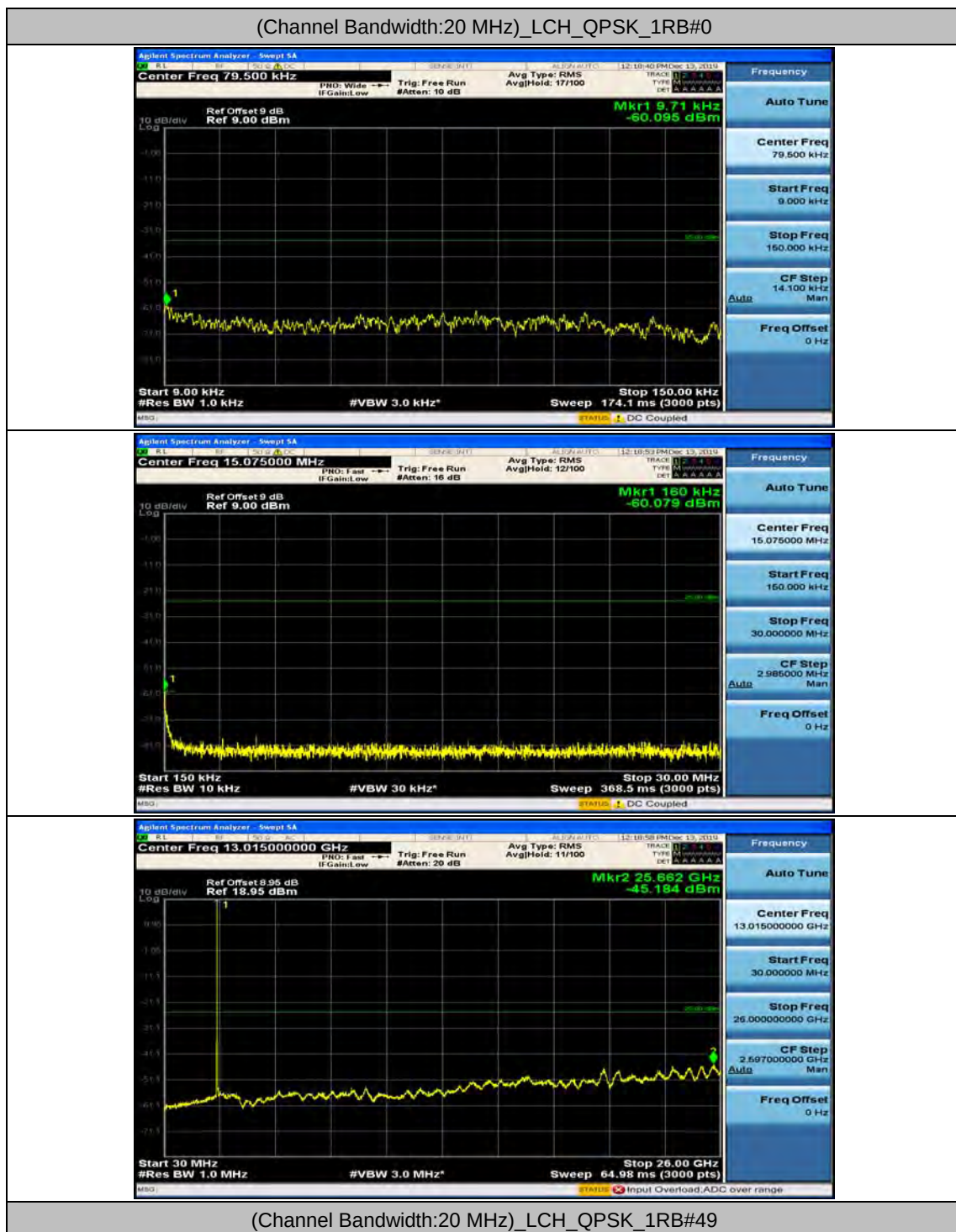


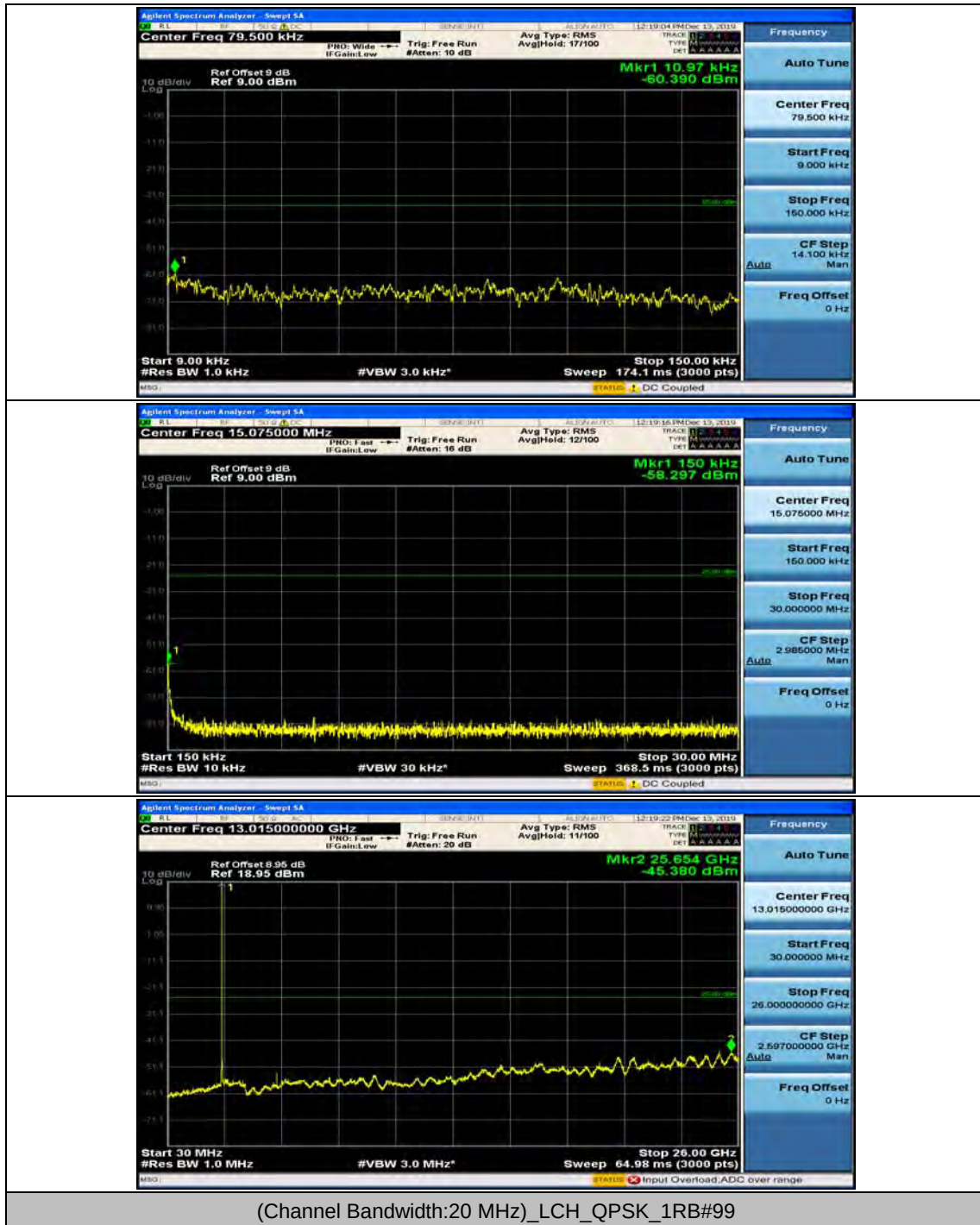
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37

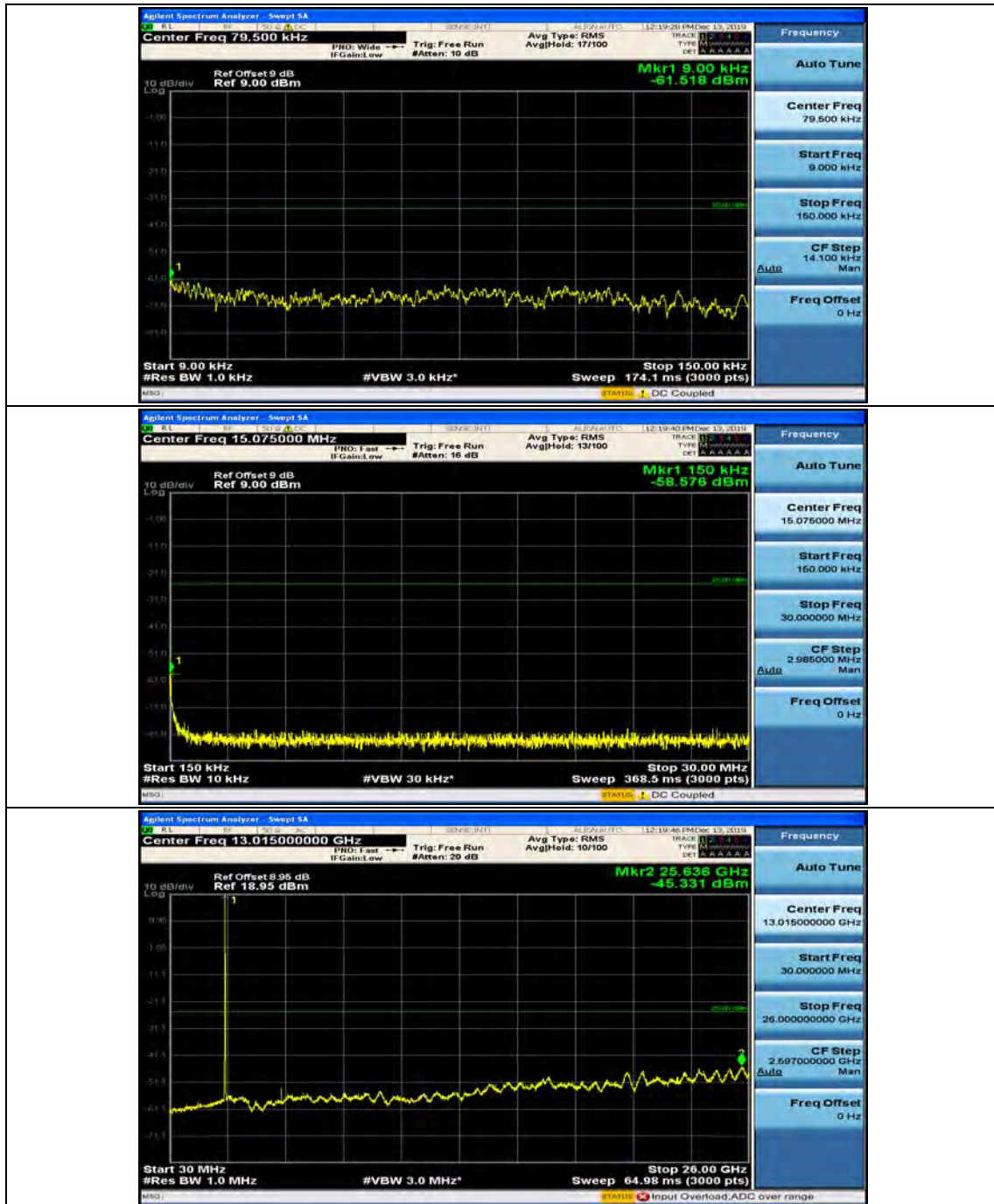




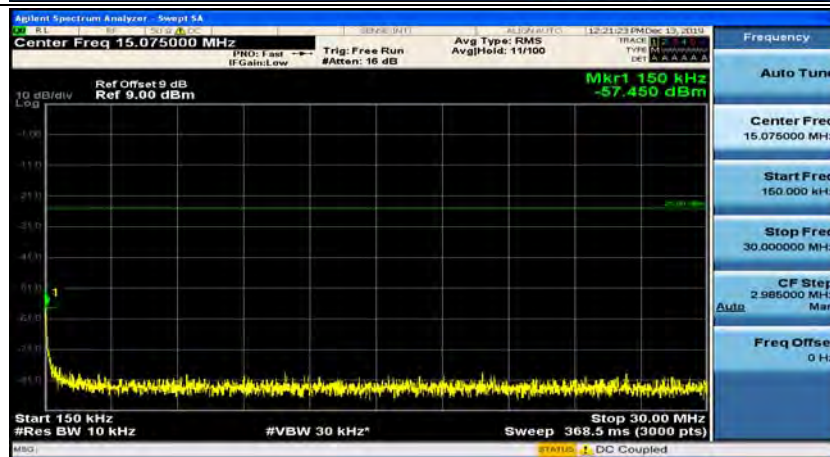
Channel Bandwidth: 20 MHz



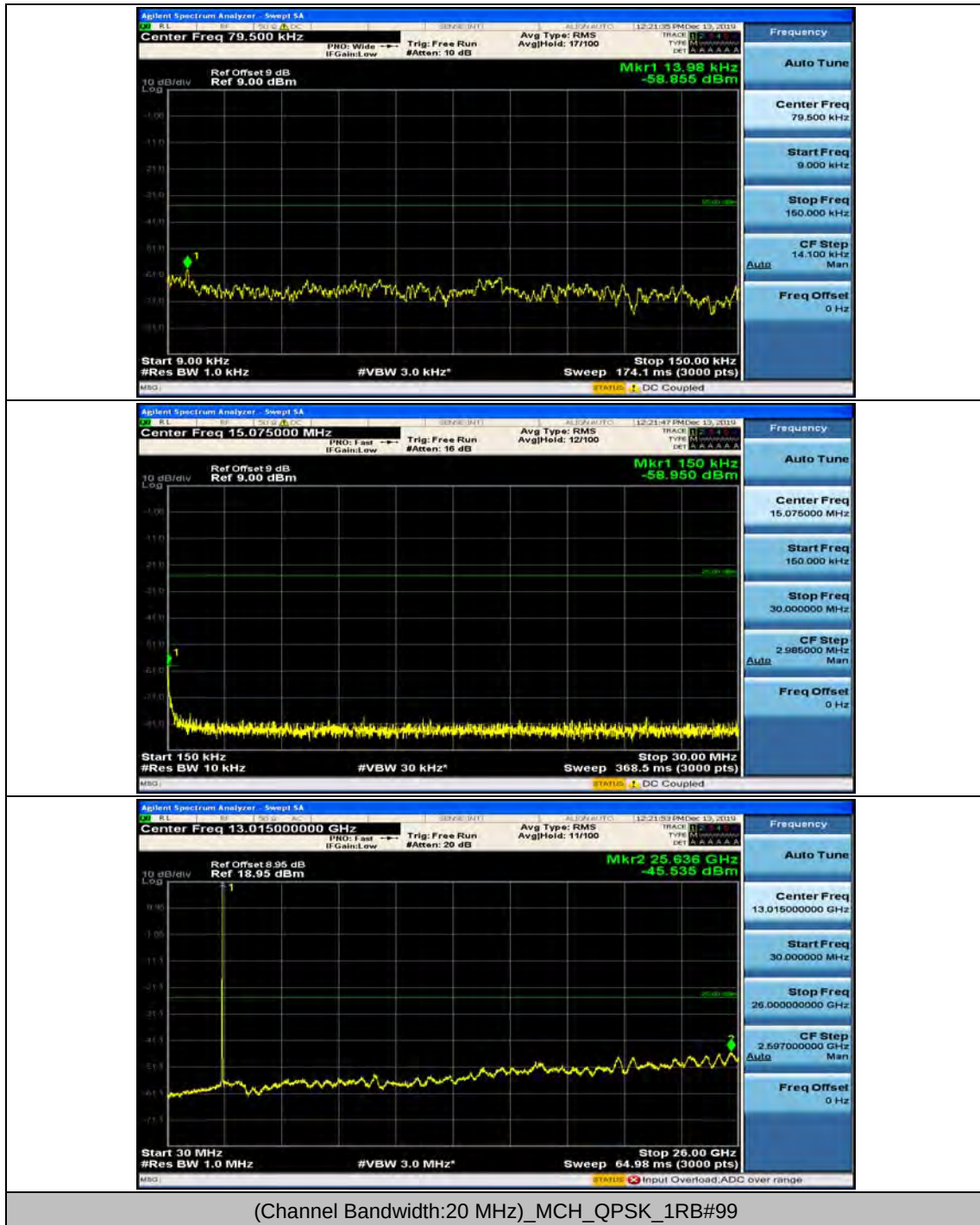


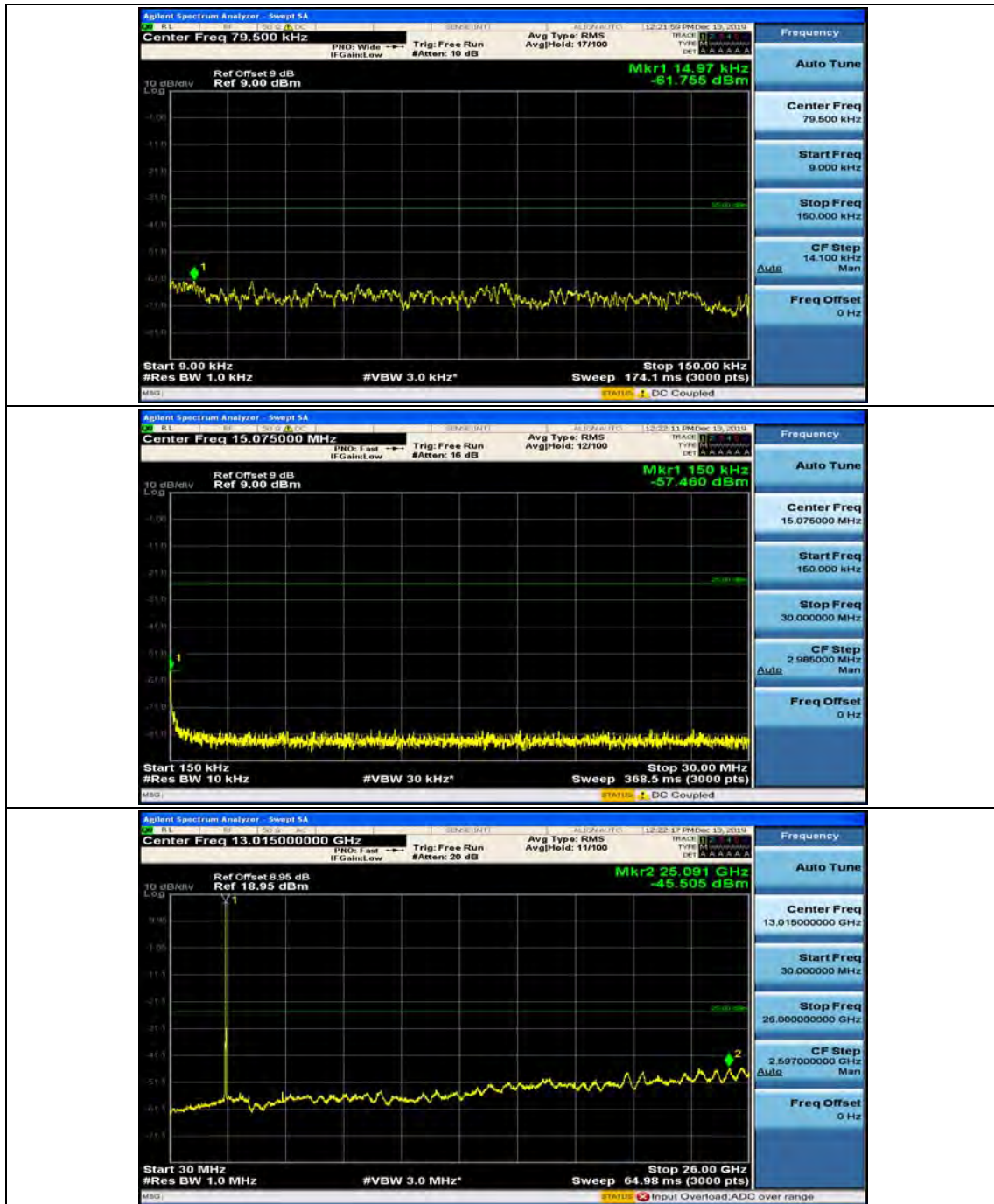


(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49

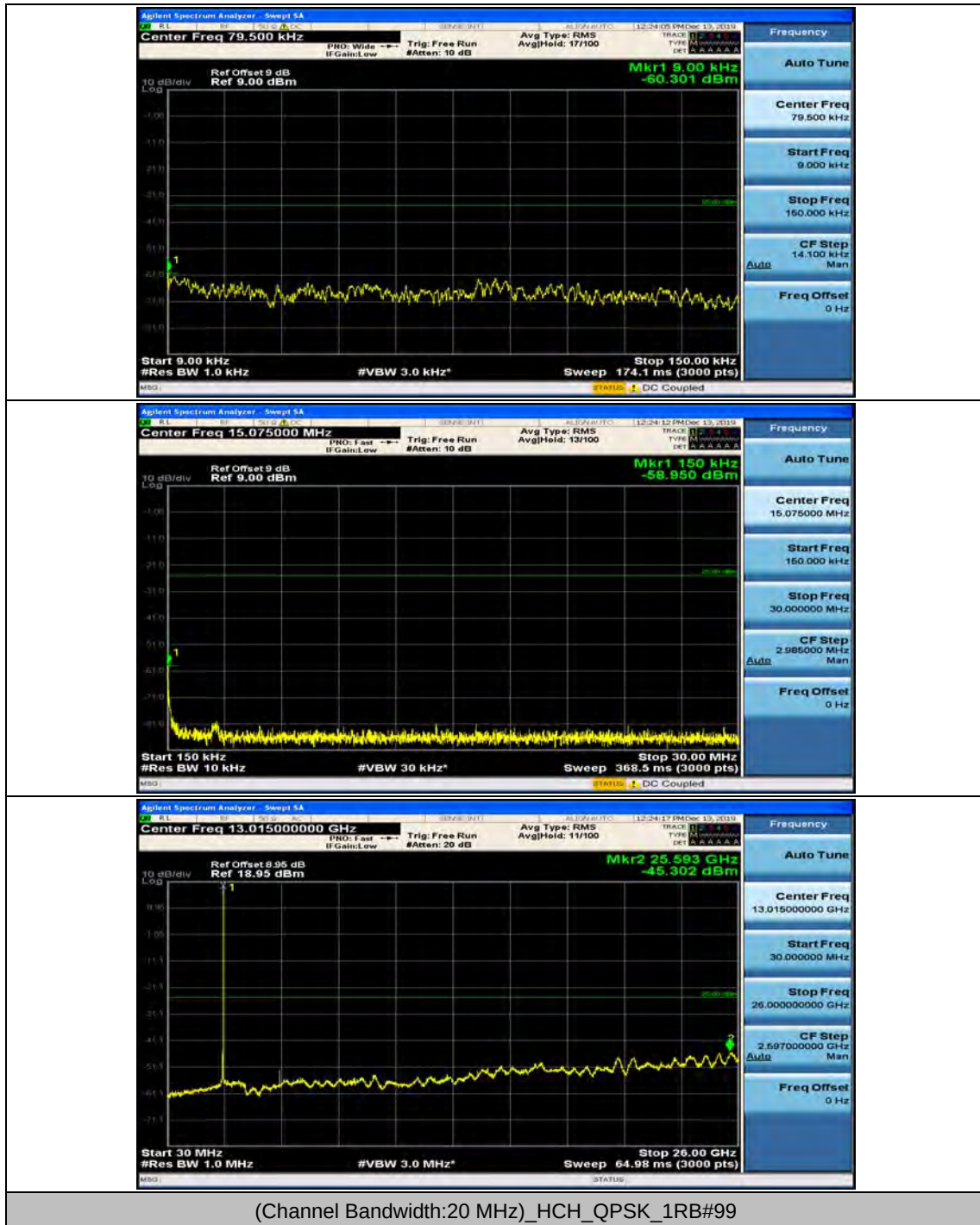


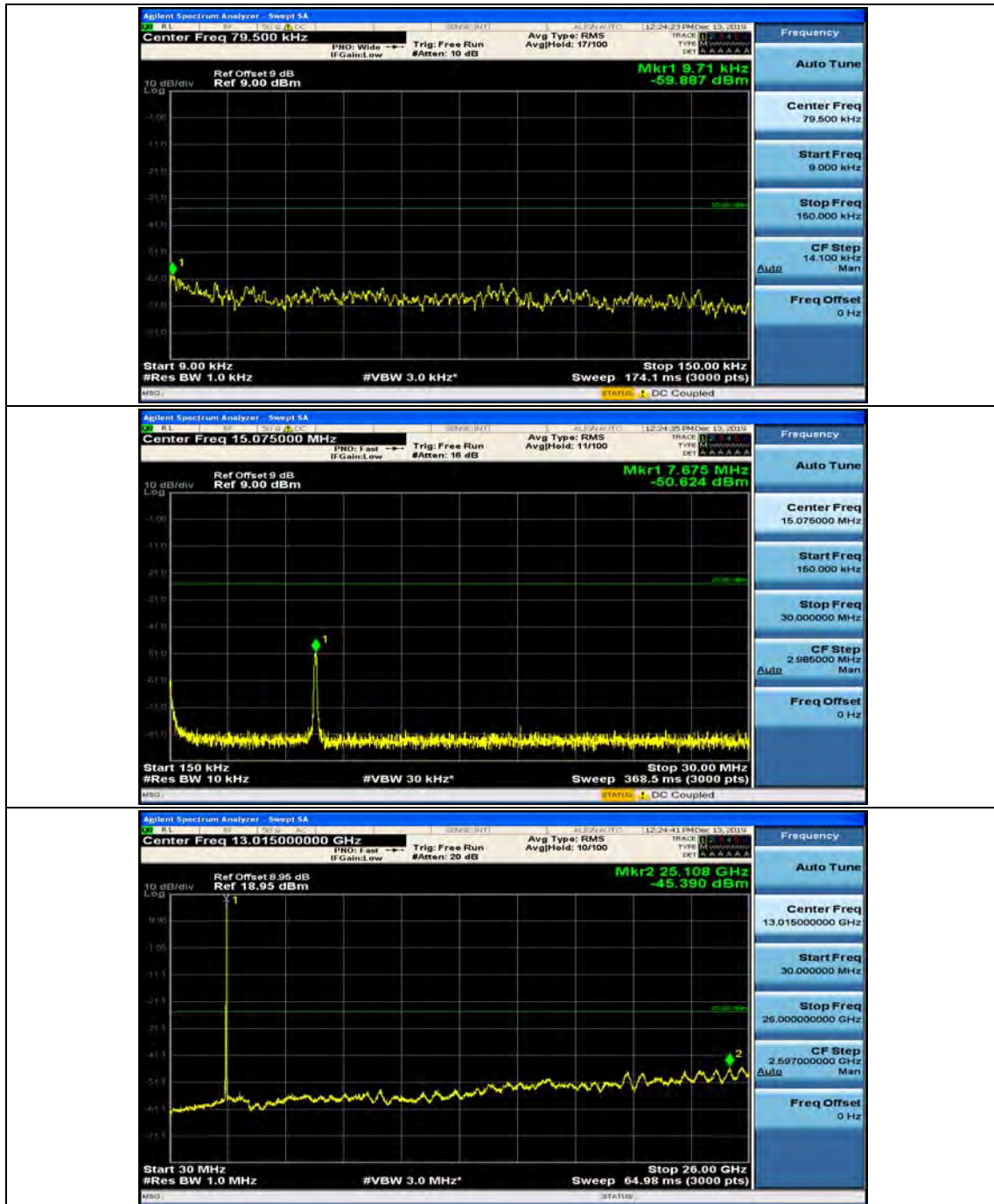


(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0

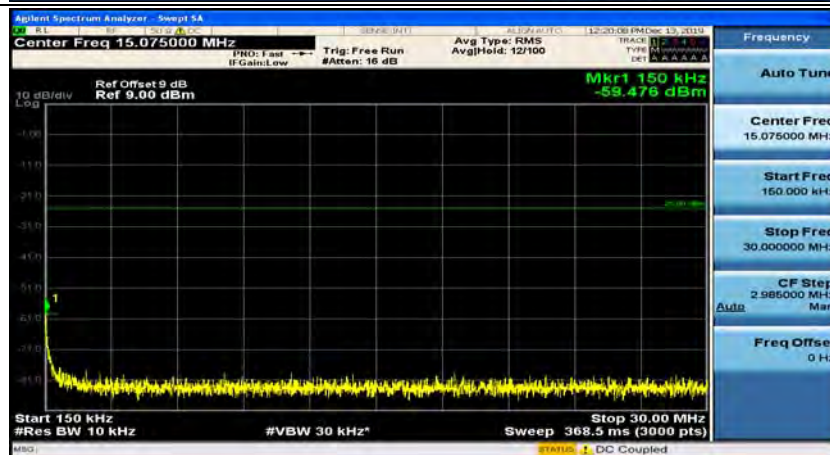


(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49

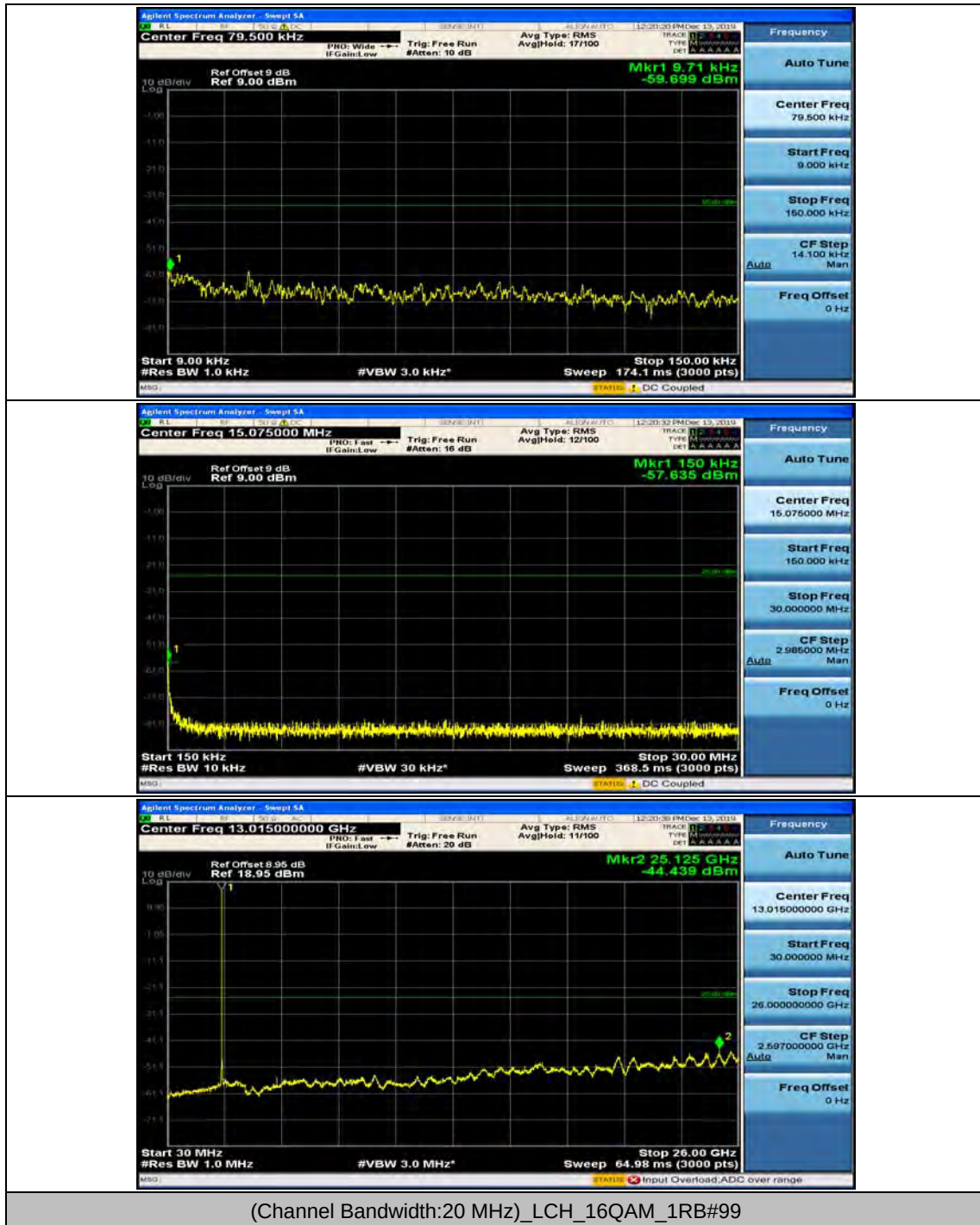


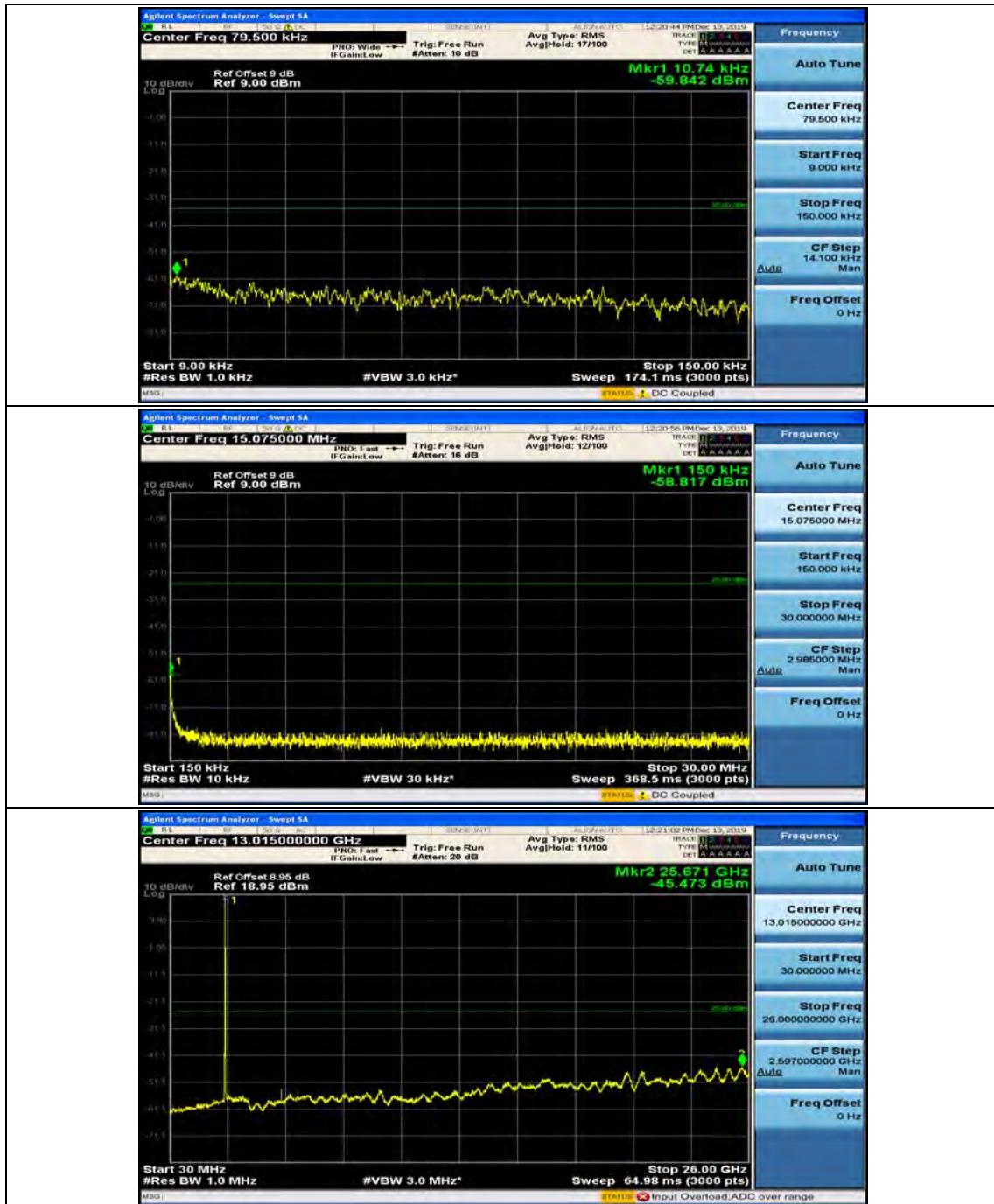


(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0

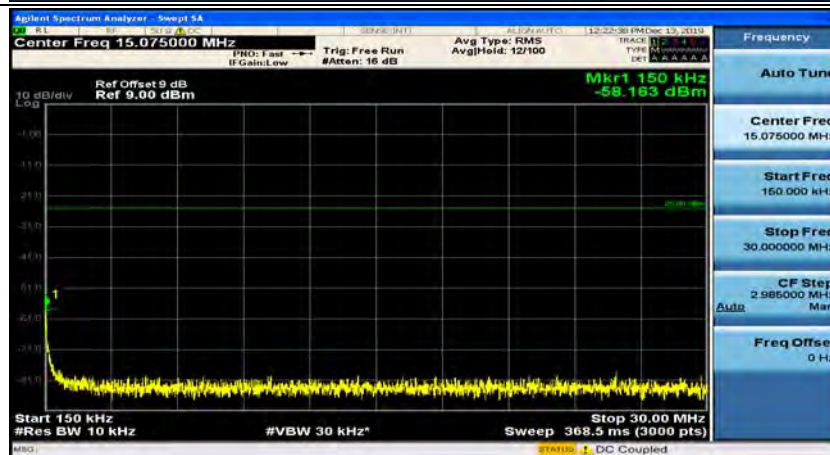


(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#49

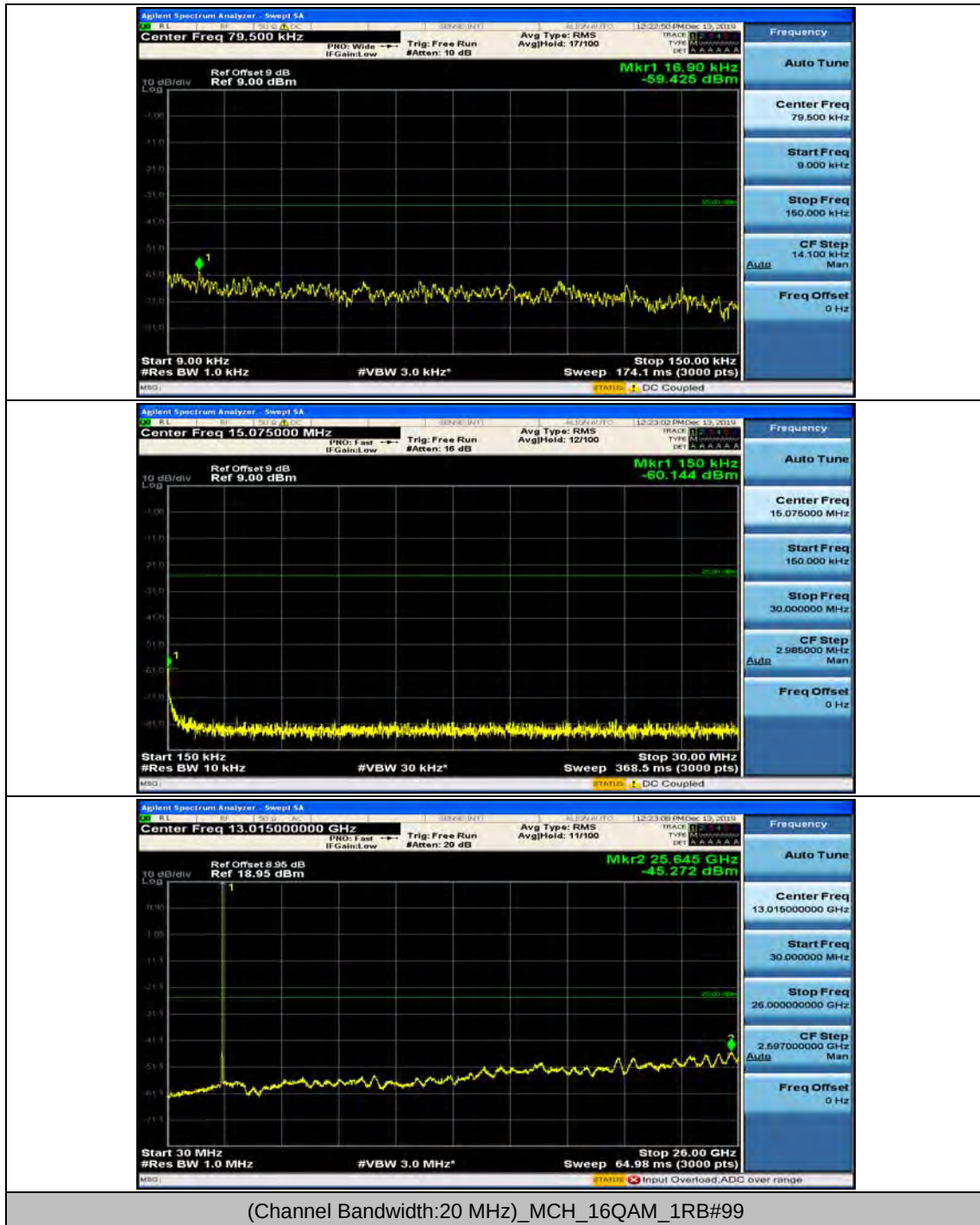


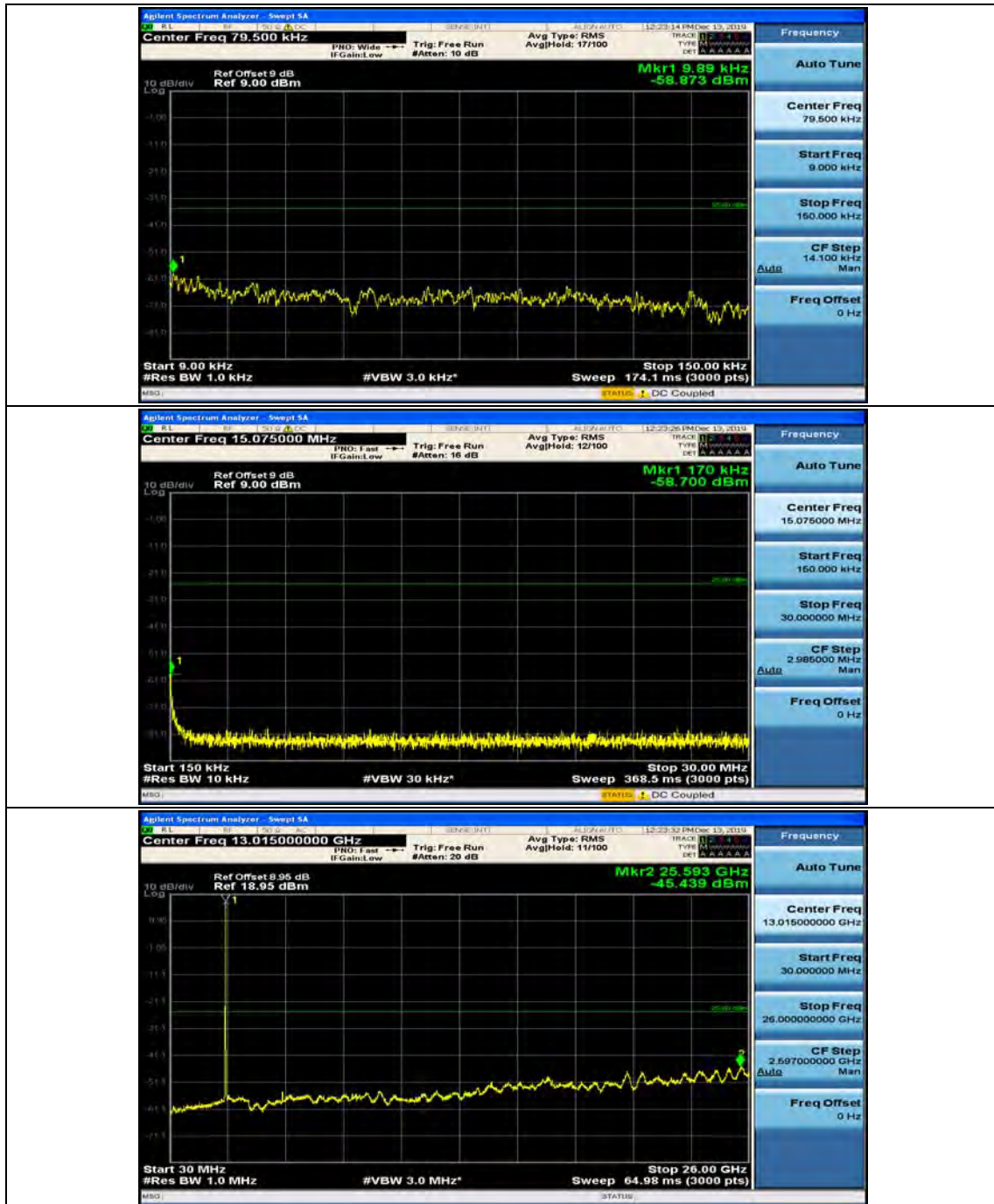


(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0

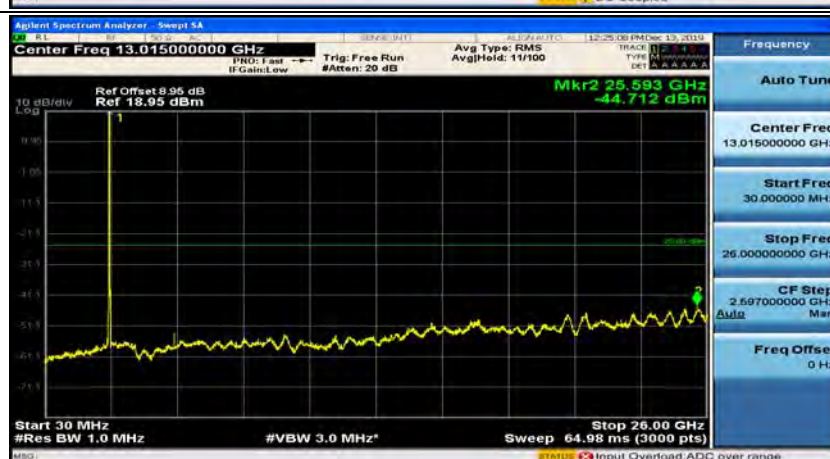
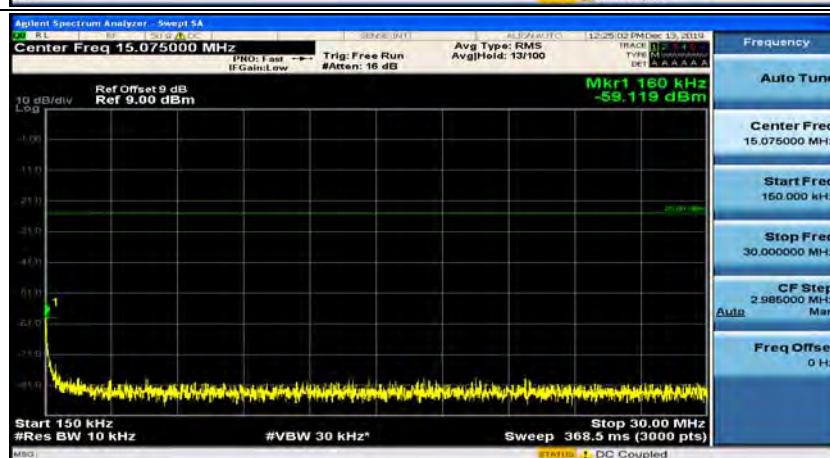
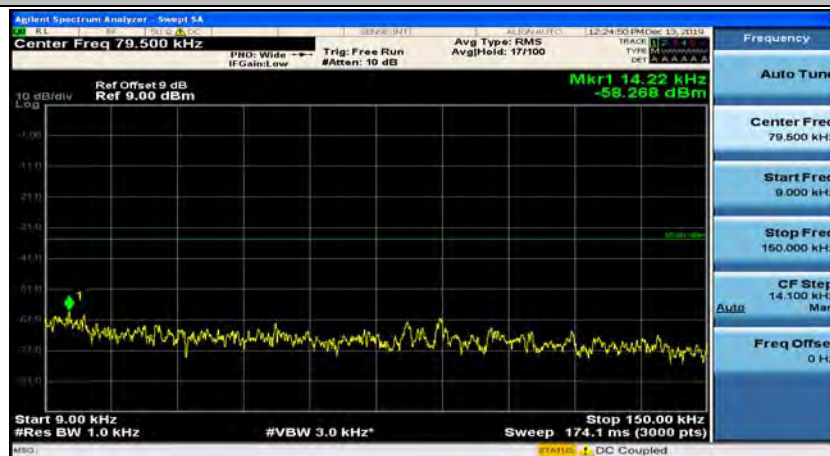


(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49

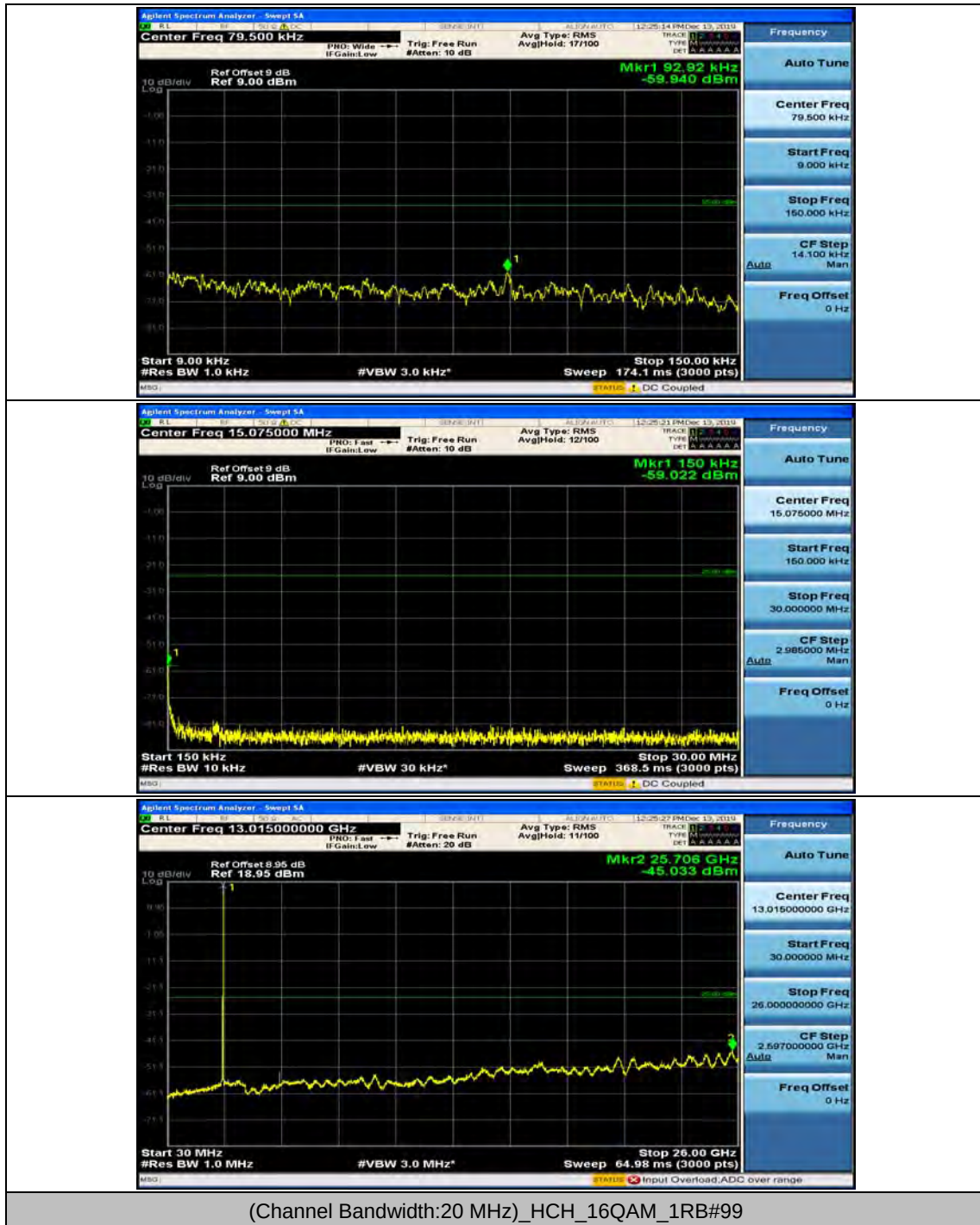


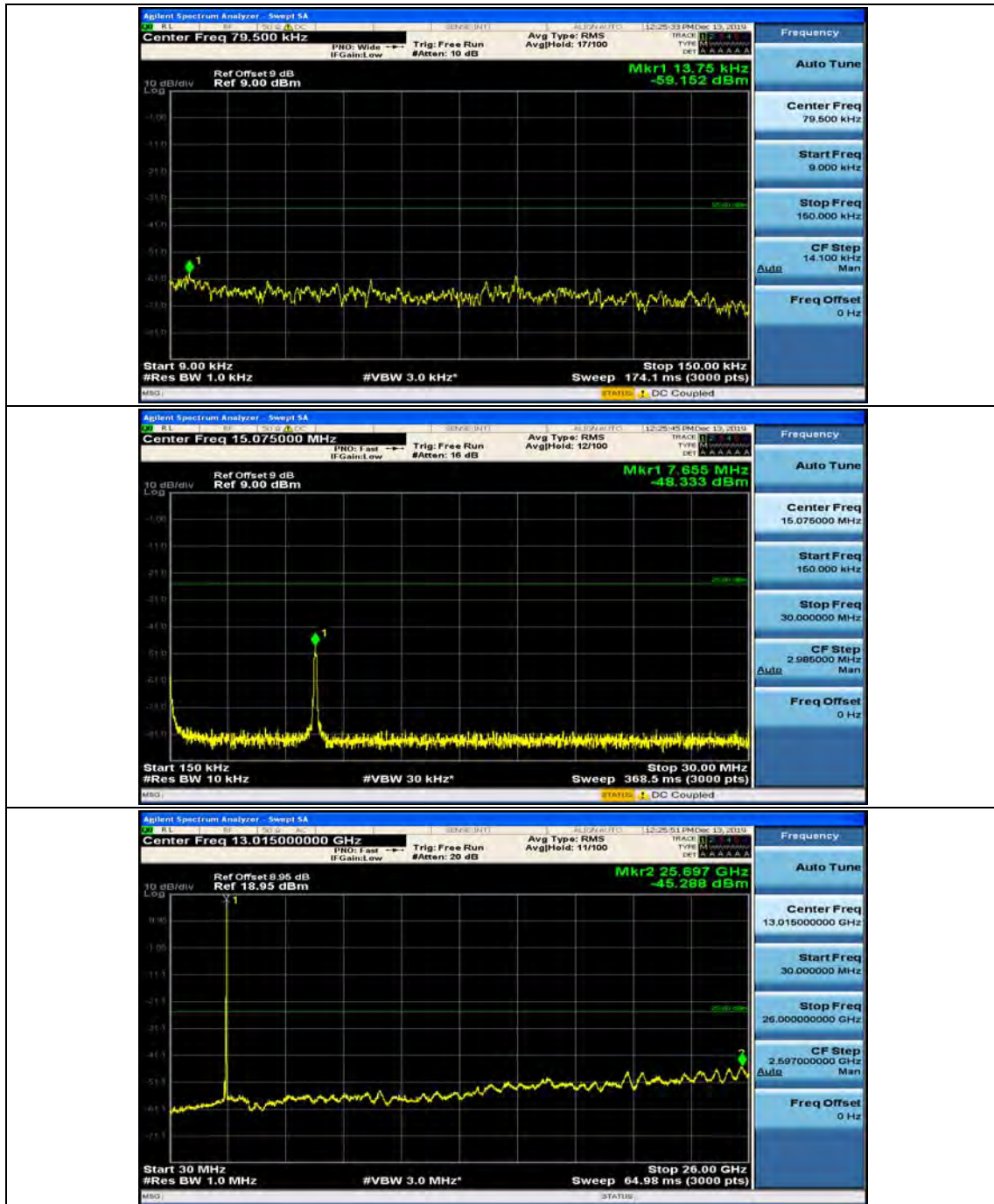


(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#49





Appendix F: Frequency Stability

Test Result

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	2.83	0.001131	± 2.5	PASS
		VN	TN	2.95	0.001179	± 2.5	PASS
		VH	TN	0.87	0.000348	± 2.5	PASS
	MCH	VL	TN	1.13	0.000446	± 2.5	PASS
		VN	TN	1.79	0.000706	± 2.5	PASS
		VH	TN	0.01	0.000004	± 2.5	PASS
	HCH	VL	TN	-1.74	-0.000678	± 2.5	PASS
		VN	TN	-1.42	-0.000553	± 2.5	PASS
		VH	TN	2.94	0.001145	± 2.5	PASS
16QAM	LCH	VL	TN	-0.91	-0.000364	± 2.5	PASS
		VN	TN	1.25	0.000500	± 2.5	PASS
		VH	TN	-1.95	-0.000779	± 2.5	PASS
	MCH	VL	TN	-0.67	-0.000264	± 2.5	PASS
		VN	TN	4.29	0.001692	± 2.5	PASS
		VH	TN	-1.83	-0.000722	± 2.5	PASS
	HCH	VL	TN	3.54	0.001379	± 2.5	PASS
		VN	TN	-0.94	-0.000366	± 2.5	PASS
		VH	TN	3.12	0.001215	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	2.63	0.001051	± 2.5	PASS
		VN	-20	-1.4	-0.000559	± 2.5	PASS
		VN	-10	4.02	0.001606	± 2.5	PASS
		VN	0	4.63	0.001850	± 2.5	PASS
		VN	10	4	0.001598	± 2.5	PASS
		VN	20	-1.35	-0.000539	± 2.5	PASS
		VN	30	-0.89	-0.000356	± 2.5	PASS
		VN	40	0.52	0.000208	± 2.5	PASS
		VN	50	1.8	0.000719	± 2.5	PASS
	MCH	VN	-30	1.57	0.000619	± 2.5	PASS
		VN	-20	4.84	0.001909	± 2.5	PASS

		VN	-10	1.33	0.000525	± 2.5	PASS
		VN	0	1.75	0.000690	± 2.5	PASS
		VN	10	-0.64	-0.000252	± 2.5	PASS
		VN	20	-1.73	-0.000682	± 2.5	PASS
		VN	30	2.77	0.001093	± 2.5	PASS
		VN	40	3.56	0.001404	± 2.5	PASS
		VN	50	2.36	0.000931	± 2.5	PASS
	HCH	VN	-30	0.9	0.000351	± 2.5	PASS
		VN	-20	2.37	0.000923	± 2.5	PASS
		VN	-10	-0.25	-0.000097	± 2.5	PASS
		VN	0	4.07	0.001585	± 2.5	PASS
		VN	10	1.5	0.000584	± 2.5	PASS
		VN	20	4.93	0.001920	± 2.5	PASS
		VN	30	-1.85	-0.000721	± 2.5	PASS
		VN	40	2.71	0.001056	± 2.5	PASS
		VN	50	-1.33	-0.000518	± 2.5	PASS
16QAM	LCH	VN	-30	3.59	0.001435	± 2.5	PASS
		VN	-20	2.73	0.001091	± 2.5	PASS
		VN	-10	-1.86	-0.000743	± 2.5	PASS
		VN	0	4.67	0.001866	± 2.5	PASS
		VN	10	4.61	0.001842	± 2.5	PASS
		VN	20	0.58	0.000232	± 2.5	PASS
		VN	30	4.57	0.001826	± 2.5	PASS
		VN	40	4.13	0.001650	± 2.5	PASS
		VN	50	0.44	0.000176	± 2.5	PASS
	MCH	VN	-30	-0.71	-0.000280	± 2.5	PASS
		VN	-20	-0.88	-0.000347	± 2.5	PASS
		VN	-10	2.59	0.001022	± 2.5	PASS
		VN	0	0.28	0.000110	± 2.5	PASS
		VN	10	0.93	0.000367	± 2.5	PASS
		VN	20	0.48	0.000189	± 2.5	PASS
		VN	30	4.89	0.001929	± 2.5	PASS
		VN	40	3.54	0.001396	± 2.5	PASS
		VN	50	1.6	0.000631	± 2.5	PASS
	HCH	VN	-30	3.85	0.001500	± 2.5	PASS
		VN	-20	4.64	0.001807	± 2.5	PASS
		VN	-10	1.04	0.000405	± 2.5	PASS
		VN	0	0.09	0.000035	± 2.5	PASS
		VN	10	4.89	0.001905	± 2.5	PASS
		VN	20	-1.7	-0.000662	± 2.5	PASS
		VN	30	-1.34	-0.000522	± 2.5	PASS

		VN	40	4.64	0.001807	± 2.5	PASS
		VN	50	1.37	0.000534	± 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	2.19	0.000874	± 2.5	PASS
		VN	TN	-0.6	-0.000240	± 2.5	PASS
		VH	TN	1.82	0.000727	± 2.5	PASS
	MCH	VL	TN	1.78	0.000702	± 2.5	PASS
		VN	TN	-1.33	-0.000525	± 2.5	PASS
		VH	TN	2.76	0.001089	± 2.5	PASS
	HCH	VL	TN	1.36	0.000530	± 2.5	PASS
		VN	TN	2.5	0.000975	± 2.5	PASS
		VH	TN	4.32	0.001684	± 2.5	PASS
16QAM	LCH	VL	TN	-0.64	-0.000255	± 2.5	PASS
		VN	TN	3.46	0.001381	± 2.5	PASS
		VH	TN	1.87	0.000747	± 2.5	PASS
	MCH	VL	TN	4.98	0.001964	± 2.5	PASS
		VN	TN	1.88	0.000742	± 2.5	PASS
		VH	TN	2.03	0.000801	± 2.5	PASS
	HCH	VL	TN	1.43	0.000558	± 2.5	PASS
		VN	TN	2.65	0.001033	± 2.5	PASS
		VH	TN	-1.72	-0.000671	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-1.82	-0.000727	± 2.5	PASS
		VN	-20	0.96	0.000383	± 2.5	PASS
		VN	-10	-1.52	-0.000607	± 2.5	PASS
		VN	0	0.52	0.000208	± 2.5	PASS
		VN	10	-1.17	-0.000467	± 2.5	PASS
		VN	20	-1.92	-0.000766	± 2.5	PASS
		VN	30	2.57	0.001026	± 2.5	PASS
		VN	40	-1.8	-0.000719	± 2.5	PASS
		VN	50	1.7	0.000679	± 2.5	PASS
	MCH	VN	-30	1.54	0.000607	± 2.5	PASS
		VN	-20	1.78	0.000702	± 2.5	PASS
		VN	-10	0.74	0.000292	± 2.5	PASS

		VN	0	2.25	0.000888	± 2.5	PASS
		VN	10	4.34	0.001712	± 2.5	PASS
		VN	20	1.03	0.000406	± 2.5	PASS
		VN	30	-1.74	-0.000686	± 2.5	PASS
		VN	40	1.78	0.000702	± 2.5	PASS
		VN	50	1.88	0.000742	± 2.5	PASS
	HCH	VN	-30	-0.03	-0.000012	± 2.5	PASS
		VN	-20	0.21	0.000082	± 2.5	PASS
		VN	-10	-1.16	-0.000452	± 2.5	PASS
		VN	0	2.19	0.000854	± 2.5	PASS
		VN	10	4.44	0.001731	± 2.5	PASS
		VN	20	0.26	0.000101	± 2.5	PASS
		VN	30	4.04	0.001575	± 2.5	PASS
		VN	40	1.46	0.000569	± 2.5	PASS
		VN	50	1.45	0.000565	± 2.5	PASS
QPSK	LCH	VN	-30	2.21	0.000882	± 2.5	PASS
		VN	-20	1.31	0.000523	± 2.5	PASS
		VN	-10	4.23	0.001689	± 2.5	PASS
		VN	0	0.51	0.000204	± 2.5	PASS
		VN	10	4.9	0.001956	± 2.5	PASS
		VN	20	0.57	0.000228	± 2.5	PASS
		VN	30	3.53	0.001409	± 2.5	PASS
		VN	40	3.41	0.001361	± 2.5	PASS
		VN	50	-0.6	-0.000240	± 2.5	PASS
	MCH	VN	-30	3.21	0.001266	± 2.5	PASS
		VN	-20	1.16	0.000458	± 2.5	PASS
		VN	-10	-1.18	-0.000465	± 2.5	PASS
		VN	0	-0.68	-0.000268	± 2.5	PASS
		VN	10	3.46	0.001365	± 2.5	PASS
		VN	20	-1.32	-0.000521	± 2.5	PASS
		VN	30	3.77	0.001487	± 2.5	PASS
		VN	40	0.63	0.000249	± 2.5	PASS
		VN	50	4.76	0.001878	± 2.5	PASS
	HCH	VN	-30	4.61	0.001797	± 2.5	PASS
		VN	-20	2.63	0.001025	± 2.5	PASS
		VN	-10	0.07	0.000027	± 2.5	PASS
		VN	0	-0.41	-0.000160	± 2.5	PASS
		VN	10	2.63	0.001025	± 2.5	PASS
		VN	20	3.24	0.001263	± 2.5	PASS
		VN	30	-1.47	-0.000573	± 2.5	PASS
		VN	40	-1.4	-0.000546	± 2.5	PASS

		VN	50	2.5	0.000975	± 2.5	PASS
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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	4.88	0.001946	± 2.5	PASS
		VN	TN	4.75	0.001894	± 2.5	PASS
		VH	TN	1.18	0.000471	± 2.5	PASS
	MCH	VL	TN	0.05	0.000020	± 2.5	PASS
		VN	TN	1.97	0.000777	± 2.5	PASS
		VH	TN	-0.53	-0.000209	± 2.5	PASS
	HCH	VL	TN	0.82	0.000320	± 2.5	PASS
		VN	TN	2.23	0.000870	± 2.5	PASS
		VH	TN	3.5	0.001366	± 2.5	PASS
16QAM	LCH	VL	TN	1.18	0.000471	± 2.5	PASS
		VN	TN	1.08	0.000431	± 2.5	PASS
		VH	TN	0.38	0.000152	± 2.5	PASS
	MCH	VL	TN	1.36	0.000536	± 2.5	PASS
		VN	TN	1.07	0.000422	± 2.5	PASS
		VH	TN	2.13	0.000840	± 2.5	PASS
	HCH	VL	TN	3.7	0.001444	± 2.5	PASS
		VN	TN	-1.41	-0.000550	± 2.5	PASS
		VH	TN	4.47	0.001744	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	0.45	0.000179	± 2.5	PASS
		VN	-20	-1.25	-0.000499	± 2.5	PASS
		VN	-10	-1.36	-0.000542	± 2.5	PASS
		VN	0	-0.56	-0.000223	± 2.5	PASS
		VN	10	3.47	0.001384	± 2.5	PASS
		VN	20	1.38	0.000550	± 2.5	PASS
		VN	30	1.69	0.000674	± 2.5	PASS
		VN	40	3.99	0.001591	± 2.5	PASS
		VN	50	3.57	0.001424	± 2.5	PASS
	MCH	VN	-30	4.52	0.001783	± 2.5	PASS
		VN	-20	-1.18	-0.000465	± 2.5	PASS
		VN	-10	4.01	0.001582	± 2.5	PASS
		VN	0	-1.79	-0.000706	± 2.5	PASS

		VN	10	-0.52	-0.000205	± 2.5	PASS
		VN	20	0.25	0.000099	± 2.5	PASS
		VN	30	-0.68	-0.000268	± 2.5	PASS
		VN	40	-0.31	-0.000122	± 2.5	PASS
		VN	50	-0.77	-0.000304	± 2.5	PASS
	HCH	VN	-30	4.78	0.001865	± 2.5	PASS
		VN	-20	4.96	0.001936	± 2.5	PASS
		VN	-10	0	0.000000	± 2.5	PASS
		VN	0	-1.59	-0.000620	± 2.5	PASS
		VN	10	0.15	0.000059	± 2.5	PASS
		VN	20	2.69	0.001050	± 2.5	PASS
		VN	30	1.36	0.000531	± 2.5	PASS
		VN	40	1.04	0.000406	± 2.5	PASS
		VN	50	3.15	0.001229	± 2.5	PASS
16QAM	LCH	VN	-30	0.82	0.000327	± 2.5	PASS
		VN	-20	0.74	0.000295	± 2.5	PASS
		VN	-10	-1	-0.000399	± 2.5	PASS
		VN	0	4.74	0.001890	± 2.5	PASS
		VN	10	2.52	0.001005	± 2.5	PASS
		VN	20	-1.29	-0.000514	± 2.5	PASS
		VN	30	1.34	0.000534	± 2.5	PASS
		VN	40	0.09	0.000036	± 2.5	PASS
		VN	50	-0.51	-0.000203	± 2.5	PASS
	MCH	VN	-30	4.46	0.001759	± 2.5	PASS
		VN	-20	-0.34	-0.000134	± 2.5	PASS
		VN	-10	2.66	0.001049	± 2.5	PASS
		VN	0	1.15	0.000454	± 2.5	PASS
		VN	10	3.24	0.001278	± 2.5	PASS
		VN	20	0.22	0.000087	± 2.5	PASS
		VN	30	3.68	0.001452	± 2.5	PASS
		VN	40	3.92	0.001546	± 2.5	PASS
		VN	50	3.84	0.001515	± 2.5	PASS
	HCH	VN	-30	4.04	0.001577	± 2.5	PASS
		VN	-20	0.82	0.000320	± 2.5	PASS
		VN	-10	1.15	0.000449	± 2.5	PASS
		VN	0	-0.97	-0.000379	± 2.5	PASS
		VN	10	0.09	0.000035	± 2.5	PASS
		VN	20	-0.75	-0.000293	± 2.5	PASS
		VN	30	-1.33	-0.000519	± 2.5	PASS
		VN	40	3.1	0.001210	± 2.5	PASS
		VN	50	0.27	0.000105	± 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	-0.97	-0.000386	± 2.5	PASS
		VN	TN	4.35	0.001733	± 2.5	PASS
		VH	TN	-1.19	-0.000474	± 2.5	PASS
	MCH	VL	TN	2.63	0.001037	± 2.5	PASS
		VN	TN	-0.19	-0.000075	± 2.5	PASS
		VH	TN	-0.93	-0.000367	± 2.5	PASS
	HCH	VL	TN	4.38	0.001711	± 2.5	PASS
		VN	TN	3.21	0.001254	± 2.5	PASS
		VH	TN	3.29	0.001285	± 2.5	PASS
16QAM	LCH	VL	TN	0.24	0.000096	± 2.5	PASS
		VN	TN	4.51	0.001797	± 2.5	PASS
		VH	TN	2.63	0.001048	± 2.5	PASS
	MCH	VL	TN	3.6	0.001420	± 2.5	PASS
		VN	TN	1.71	0.000675	± 2.5	PASS
		VH	TN	0.26	0.000103	± 2.5	PASS
	HCH	VL	TN	1.2	0.000469	± 2.5	PASS
		VN	TN	-1.37	-0.000535	± 2.5	PASS
		VH	TN	-1.52	-0.000594	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	1.69	0.000673	± 2.5	PASS
		VN	-20	0.69	0.000275	± 2.5	PASS
		VN	-10	2.62	0.001044	± 2.5	PASS
		VN	0	2.16	0.000861	± 2.5	PASS
		VN	10	1.63	0.000649	± 2.5	PASS
		VN	20	4.84	0.001928	± 2.5	PASS
		VN	30	0.67	0.000267	± 2.5	PASS
		VN	40	0.51	0.000203	± 2.5	PASS
		VN	50	4.78	0.001904	± 2.5	PASS
	MCH	VN	-30	3.23	0.001274	± 2.5	PASS
		VN	-20	0.6	0.000237	± 2.5	PASS
		VN	-10	0	0.000000	± 2.5	PASS
		VN	0	-1.77	-0.000698	± 2.5	PASS
		VN	10	1.97	0.000777	± 2.5	PASS
		VN	20	-1.1	-0.000434	± 2.5	PASS

		VN	30	3.98	0.001570	± 2.5	PASS
		VN	40	0.5	0.000197	± 2.5	PASS
		VN	50	-1.25	-0.000493	± 2.5	PASS
	HCH	VN	-30	0.92	0.000359	± 2.5	PASS
		VN	-20	2.55	0.000996	± 2.5	PASS
		VN	-10	0.64	0.000250	± 2.5	PASS
		VN	0	1.22	0.000477	± 2.5	PASS
		VN	10	3.27	0.001277	± 2.5	PASS
		VN	20	0.61	0.000238	± 2.5	PASS
		VN	30	3.6	0.001406	± 2.5	PASS
		VN	40	-0.38	-0.000148	± 2.5	PASS
		VN	50	0.83	0.000324	± 2.5	PASS
16QAM	LCH	VN	-30	-0.51	-0.000203	± 2.5	PASS
		VN	-20	2.32	0.000924	± 2.5	PASS
		VN	-10	-1.23	-0.000490	± 2.5	PASS
		VN	0	2.15	0.000857	± 2.5	PASS
		VN	10	4.83	0.001924	± 2.5	PASS
		VN	20	-0.24	-0.000096	± 2.5	PASS
		VN	30	4.83	0.001924	± 2.5	PASS
		VN	40	2.61	0.001040	± 2.5	PASS
		VN	50	1.27	0.000506	± 2.5	PASS
	MCH	VN	-30	4.91	0.001937	± 2.5	PASS
		VN	-20	1.33	0.000525	± 2.5	PASS
		VN	-10	-0.94	-0.000371	± 2.5	PASS
		VN	0	1.34	0.000529	± 2.5	PASS
		VN	10	3.5	0.001381	± 2.5	PASS
		VN	20	2.28	0.000899	± 2.5	PASS
		VN	30	-1.47	-0.000580	± 2.5	PASS
		VN	40	1.78	0.000702	± 2.5	PASS
		VN	50	-1.11	-0.000438	± 2.5	PASS
	HCH	VN	-30	4.55	0.001777	± 2.5	PASS
		VN	-20	4.8	0.001875	± 2.5	PASS
		VN	-10	-0.27	-0.000105	± 2.5	PASS
		VN	0	4.14	0.001617	± 2.5	PASS
		VN	10	1.08	0.000422	± 2.5	PASS
		VN	20	-0.92	-0.000359	± 2.5	PASS
		VN	30	-0.25	-0.000098	± 2.5	PASS
		VN	40	3.33	0.001301	± 2.5	PASS
		VN	50	2.35	0.000918	± 2.5	PASS