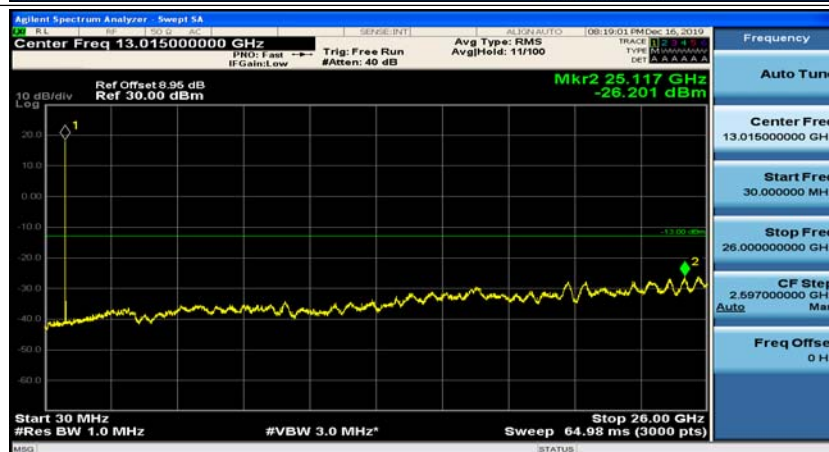
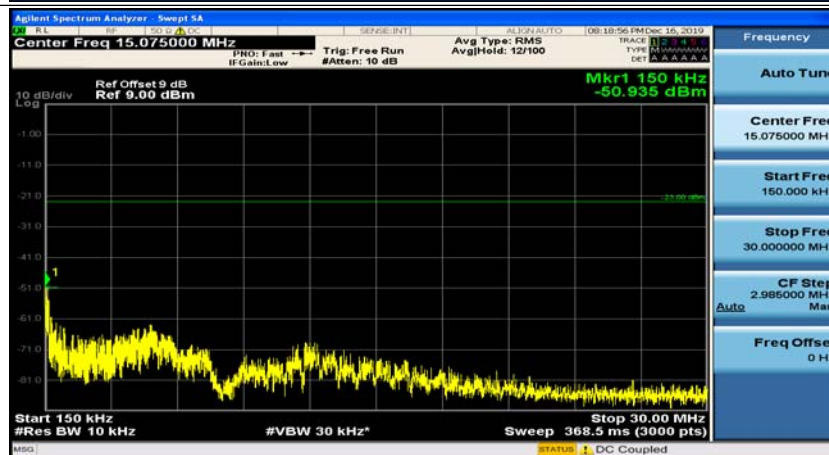
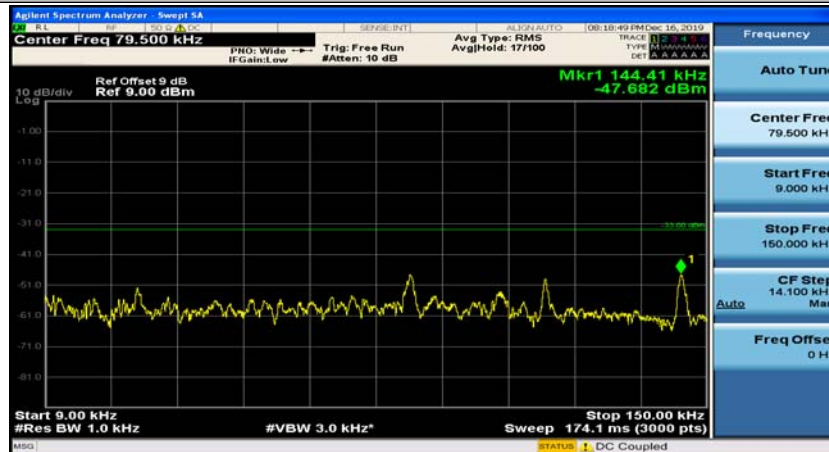
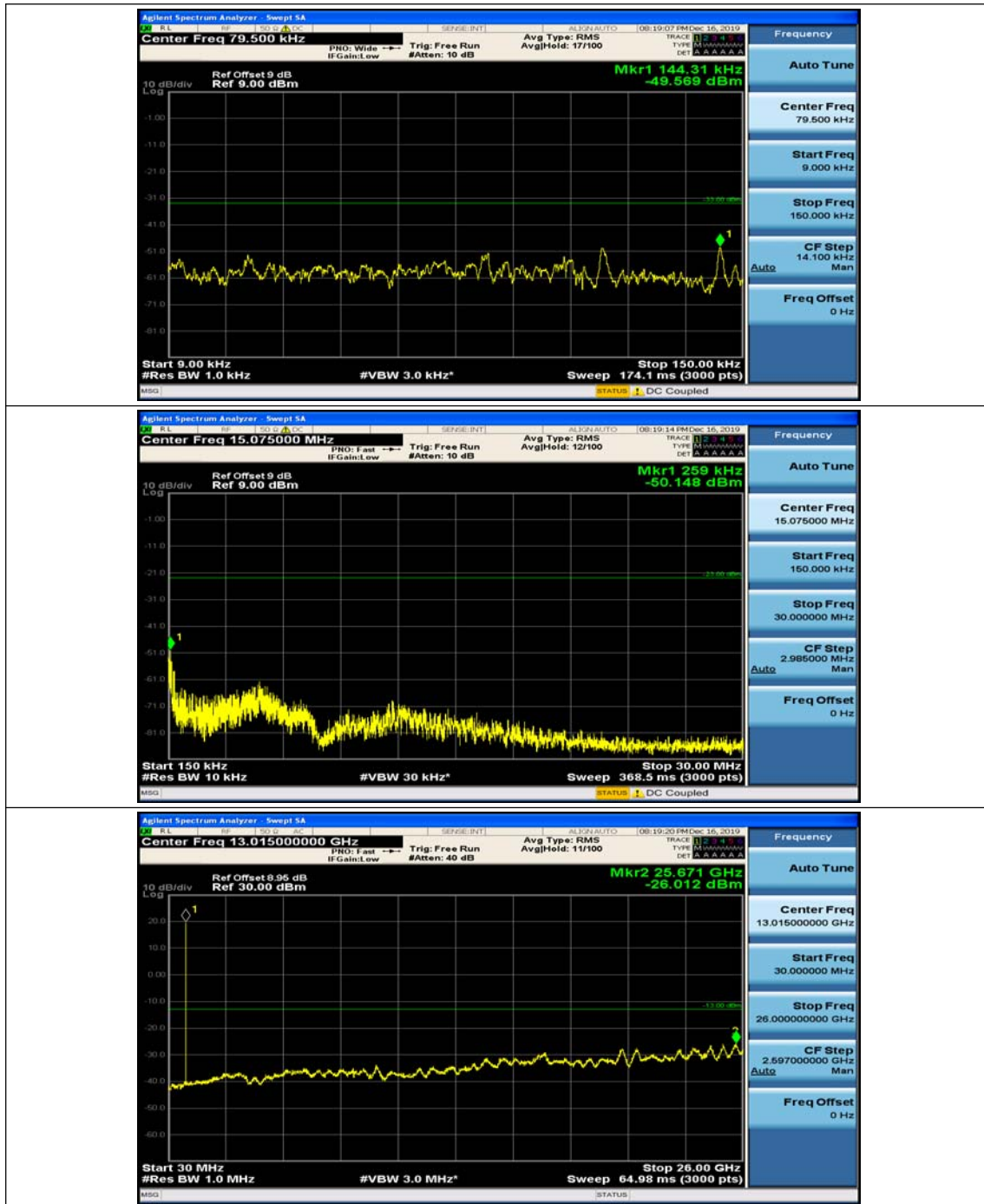


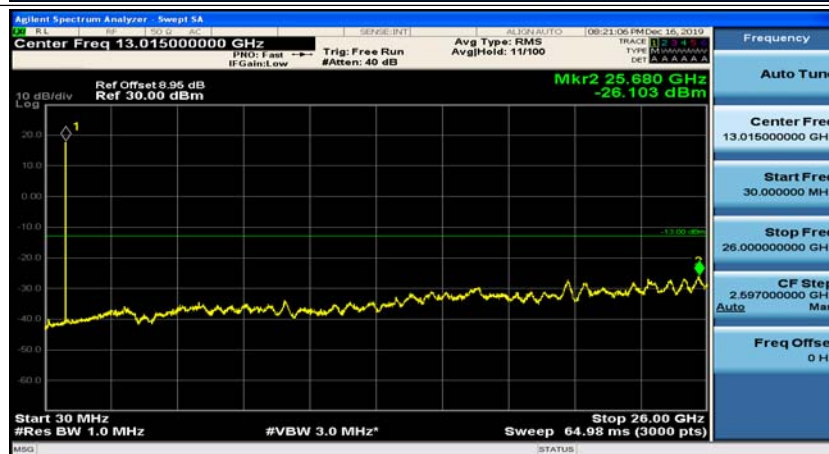
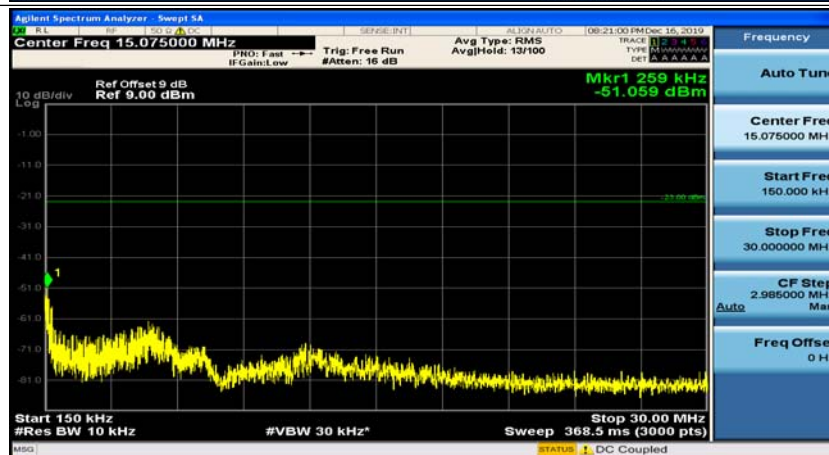
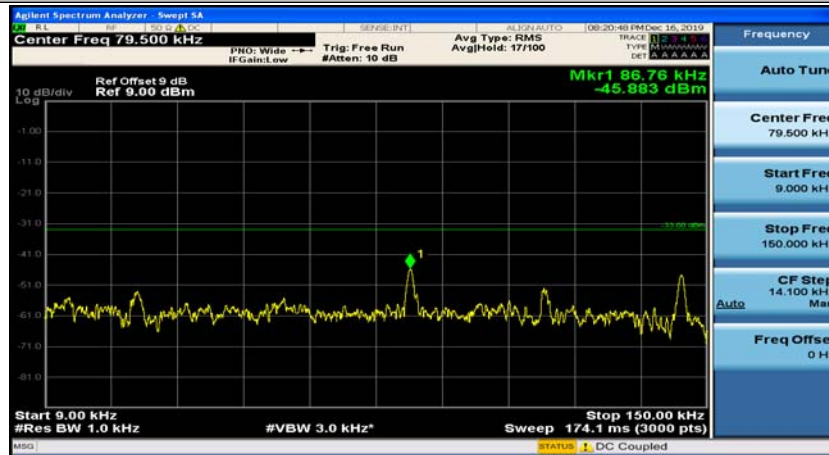
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0



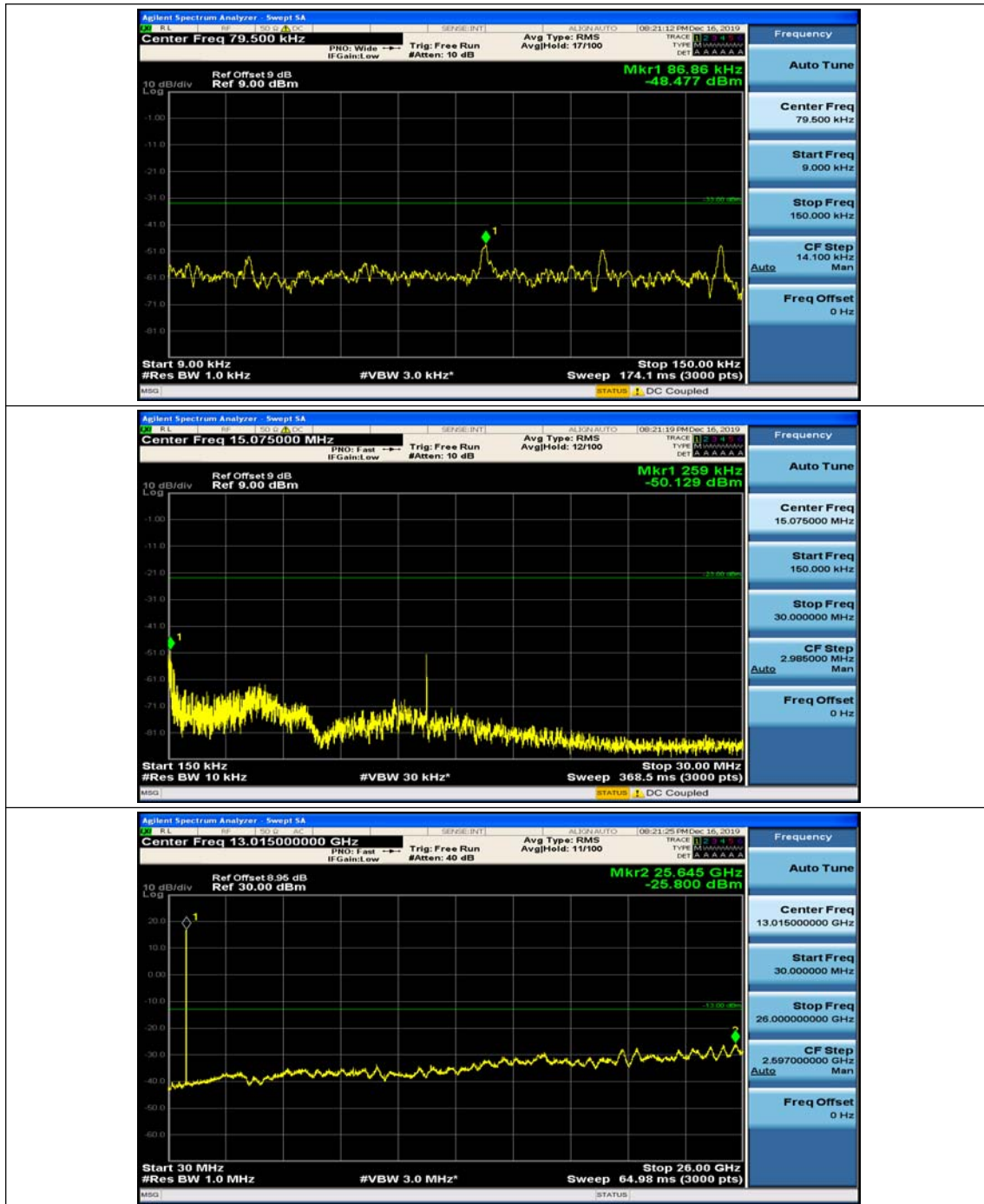
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7



(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0

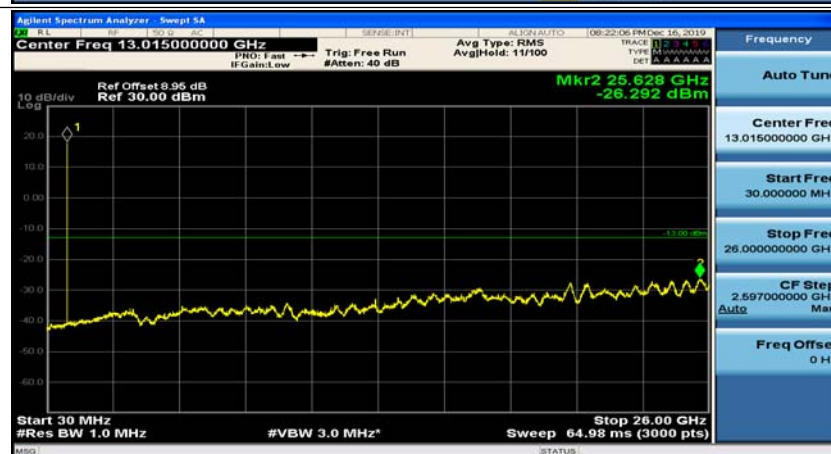
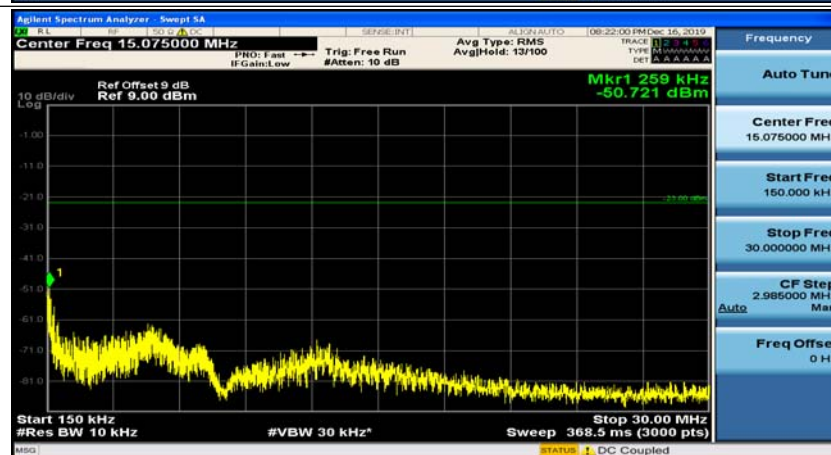
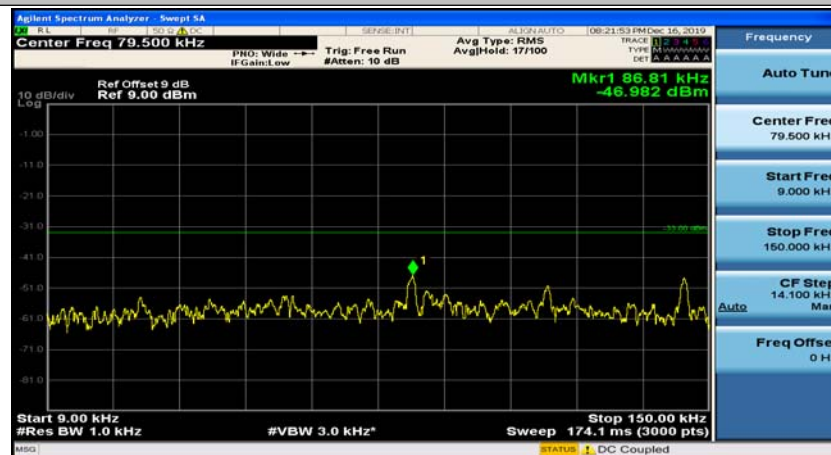


(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7

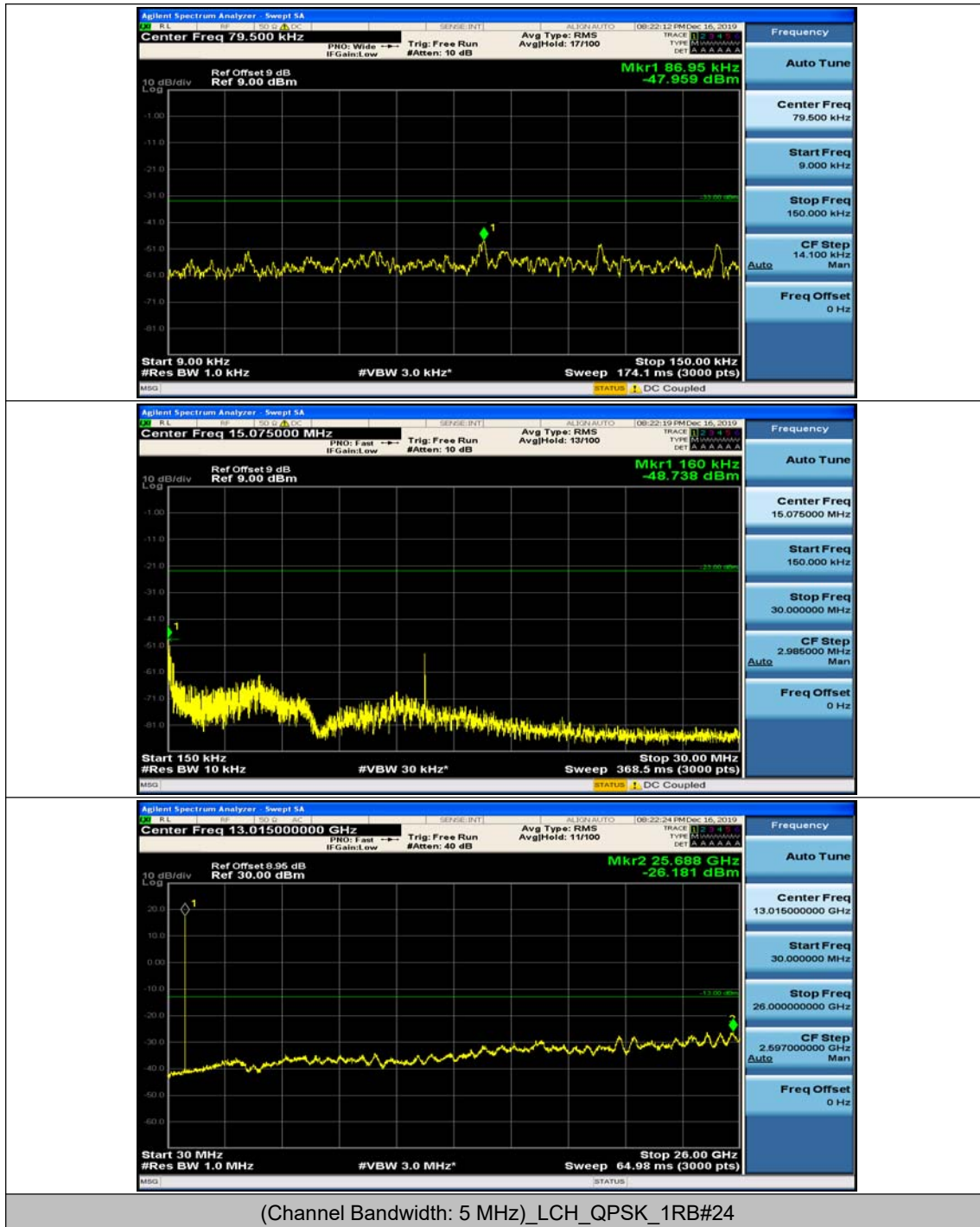


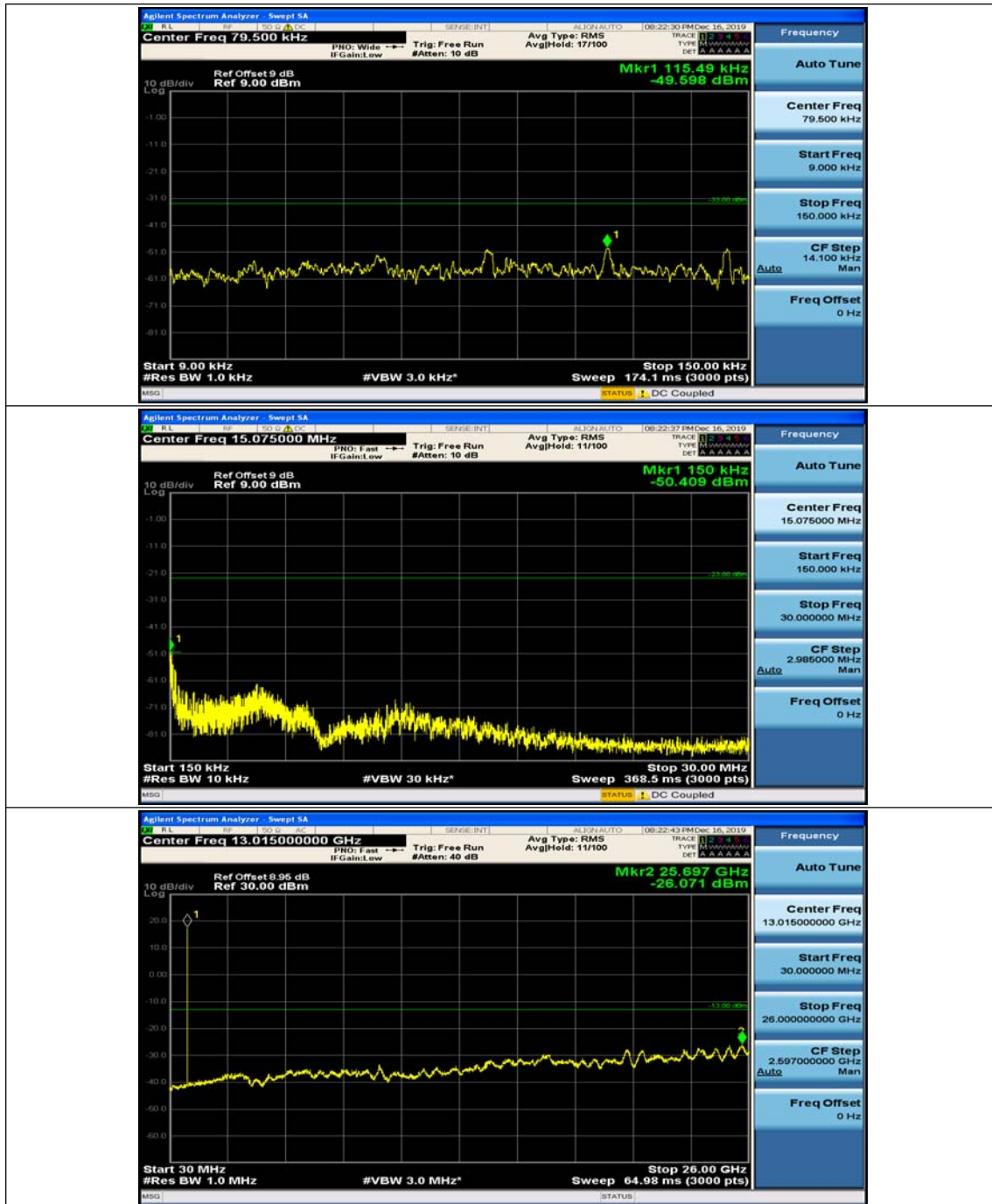
Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0

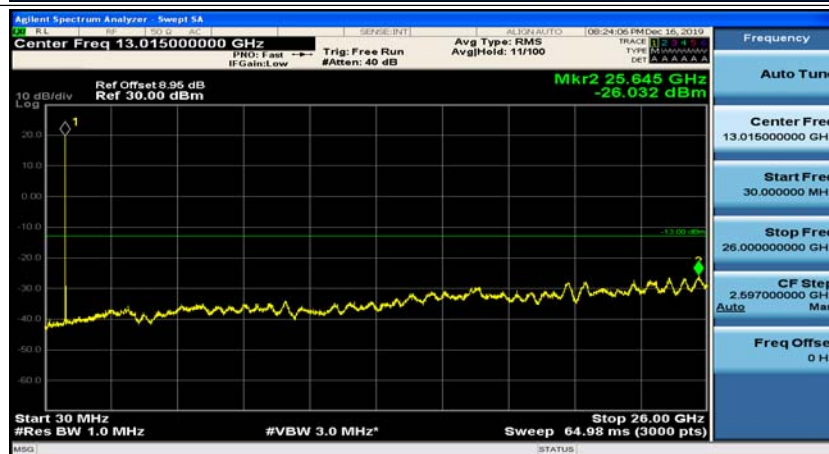
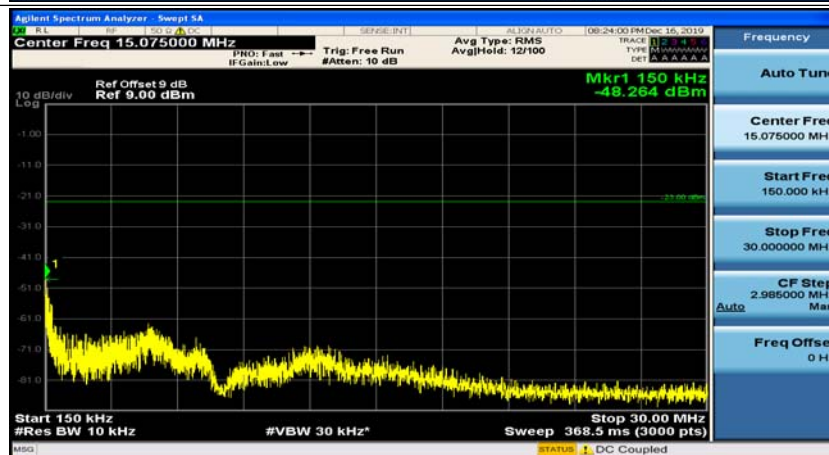
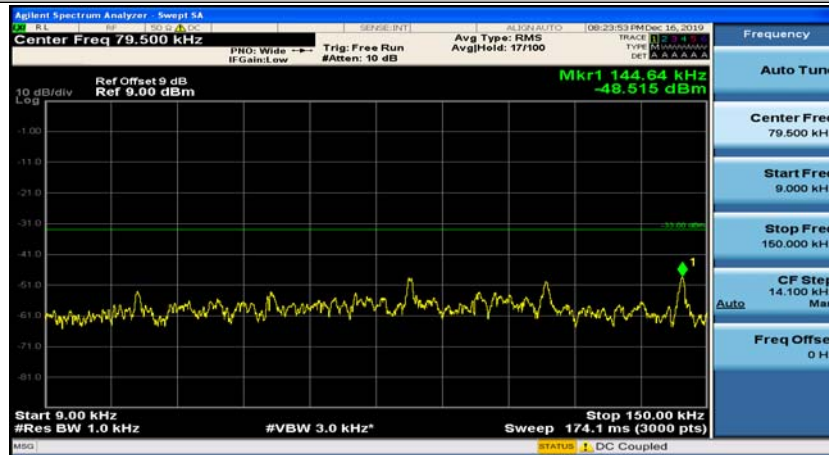


(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12

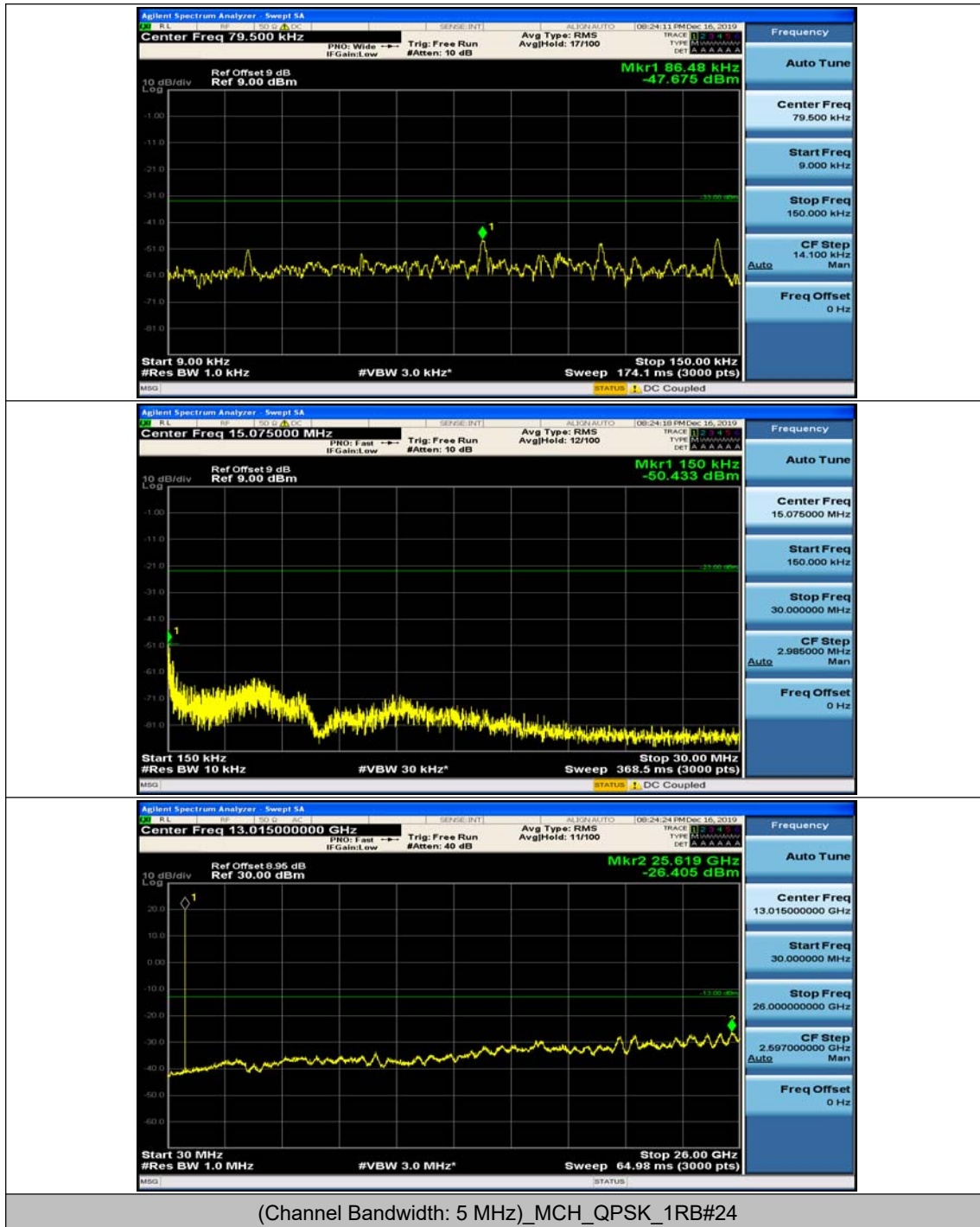


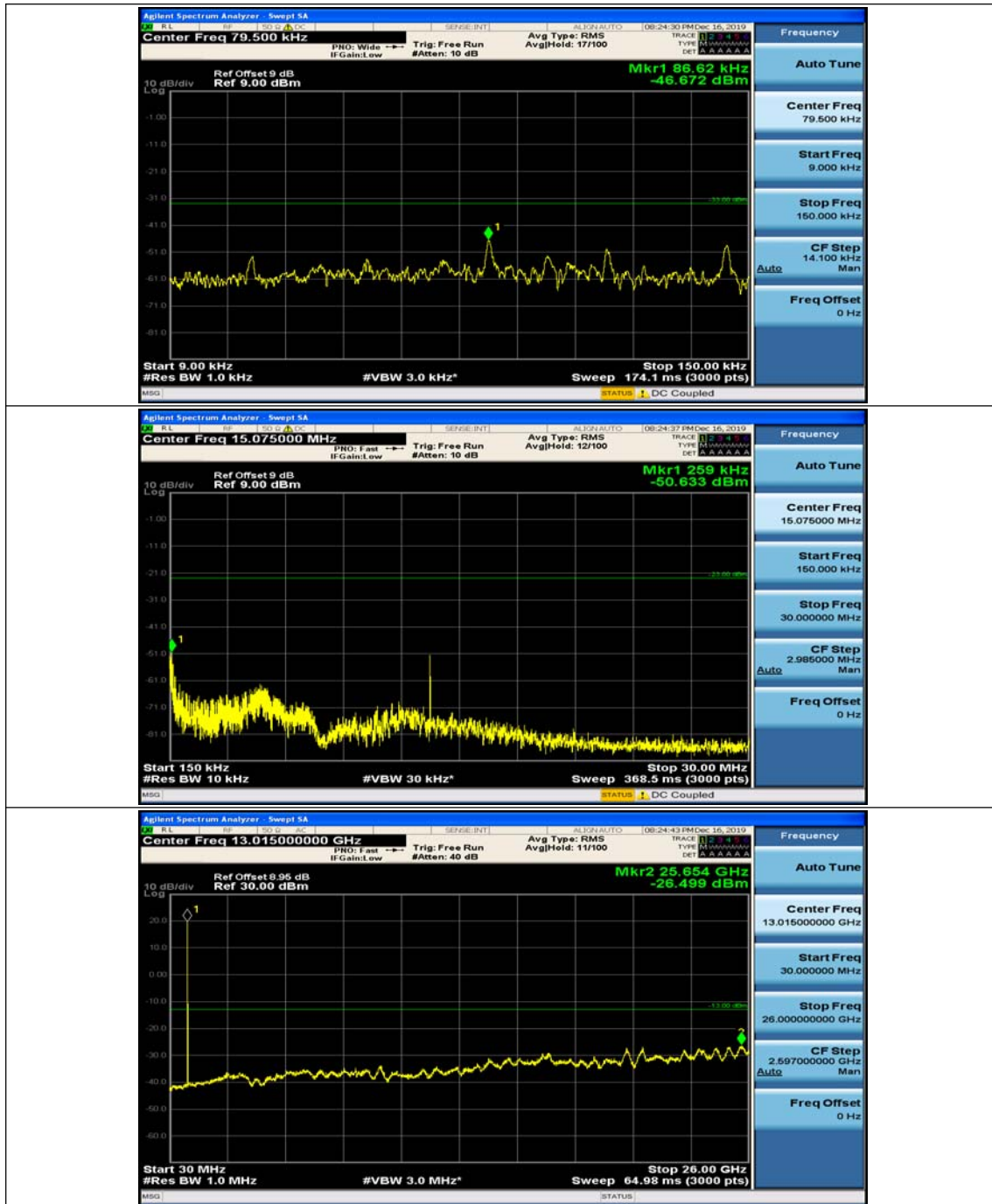


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

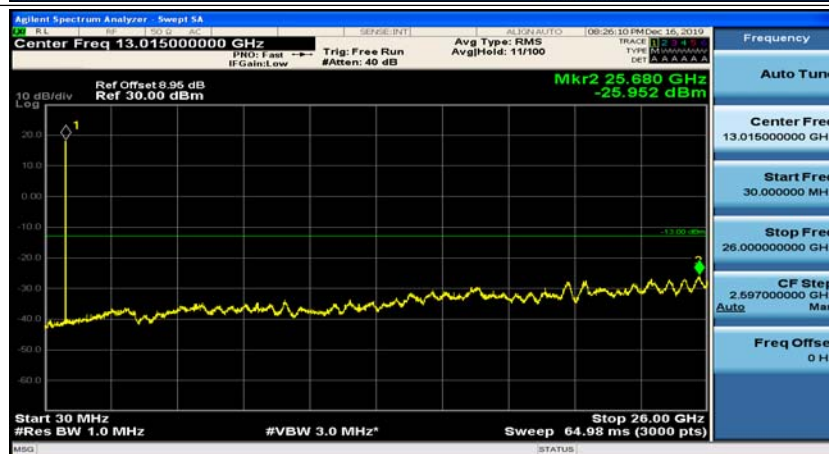
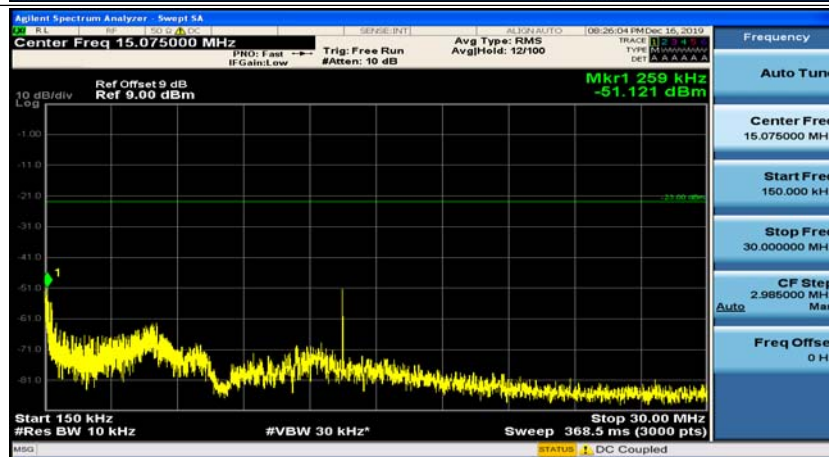
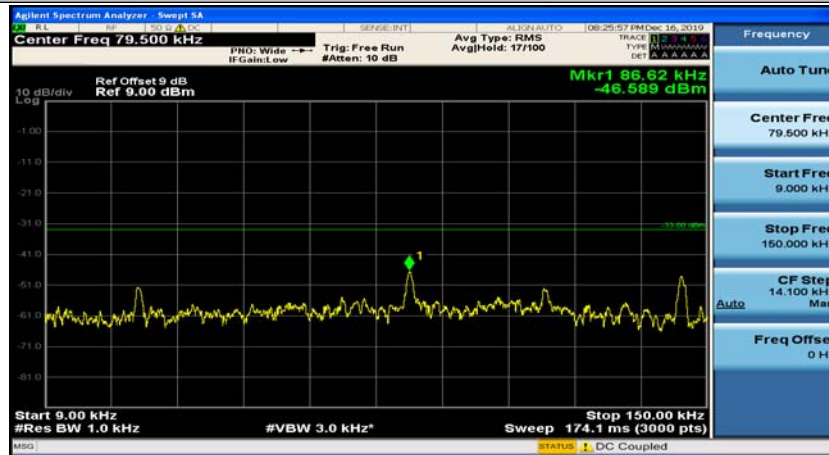


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12

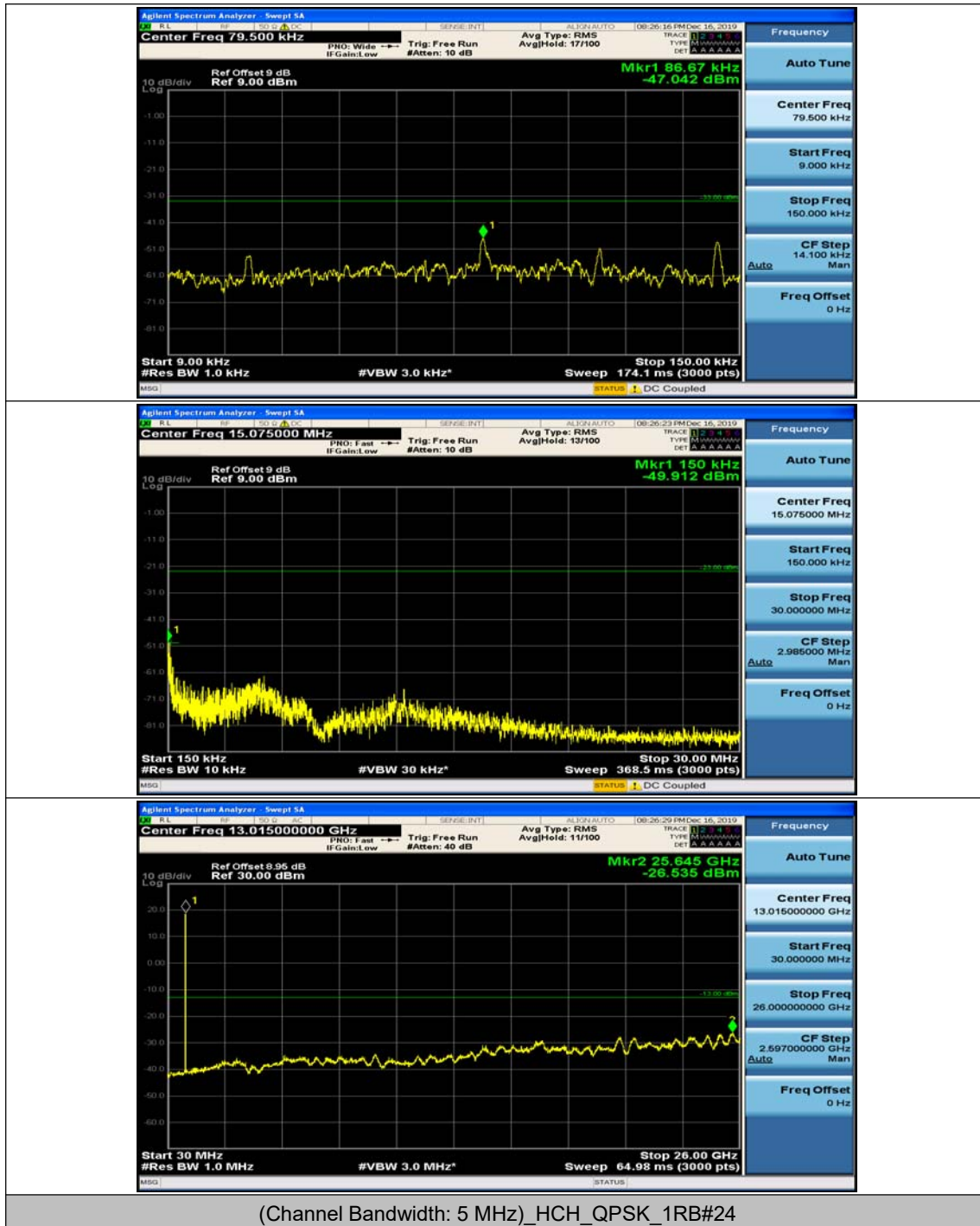


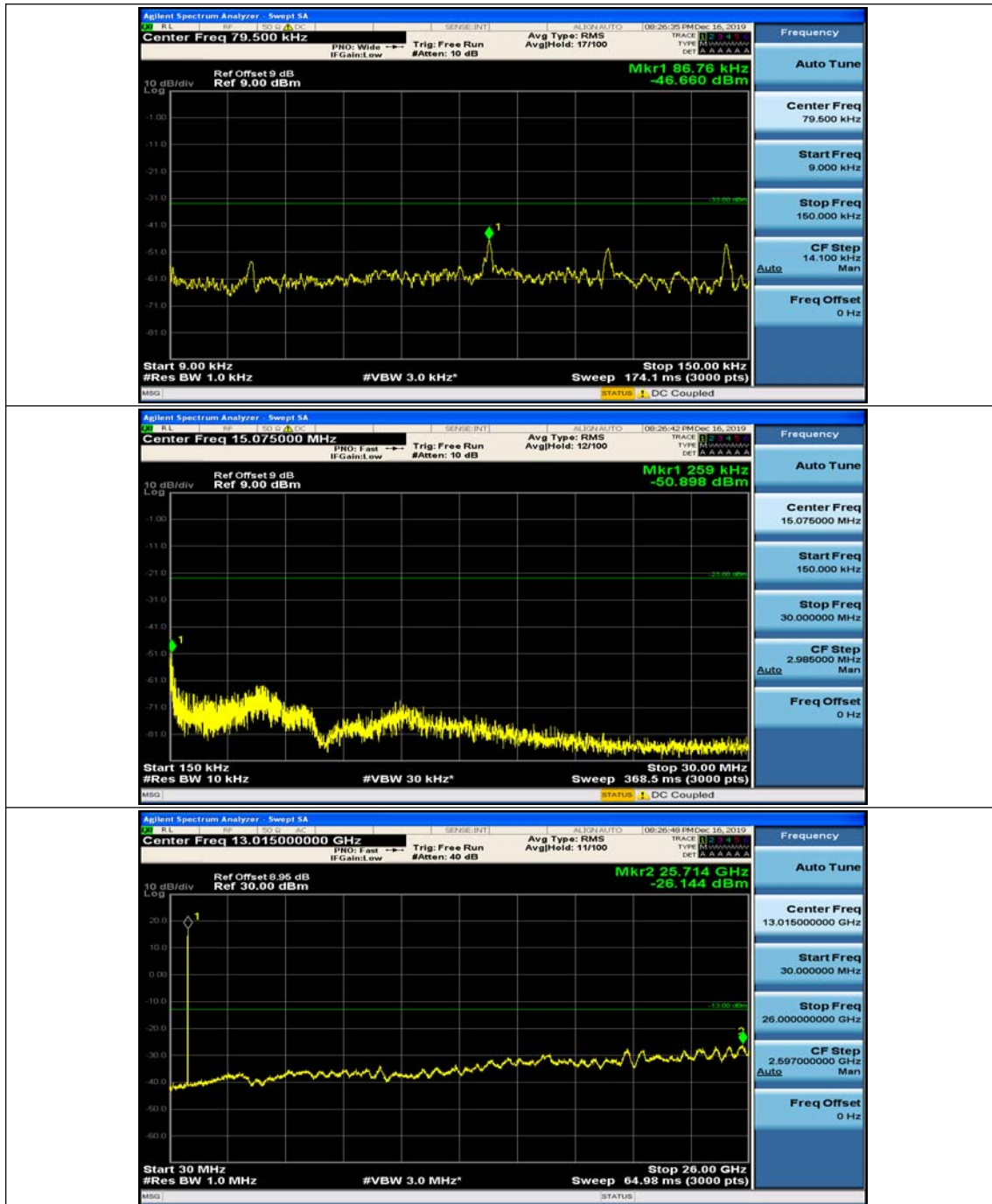


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

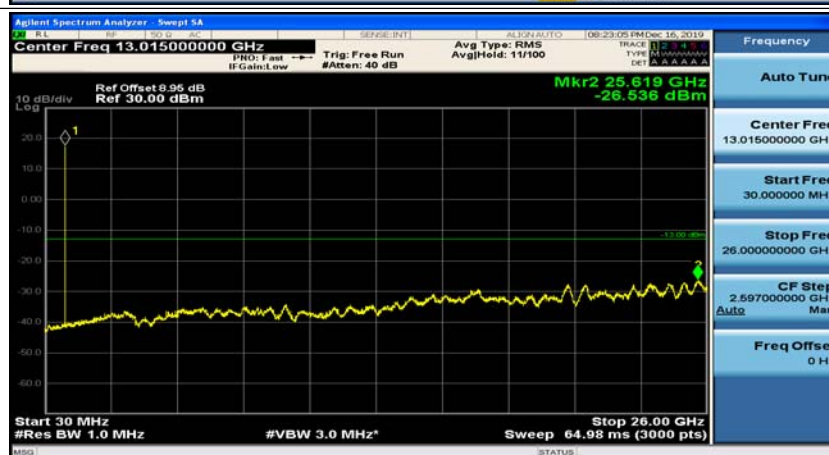
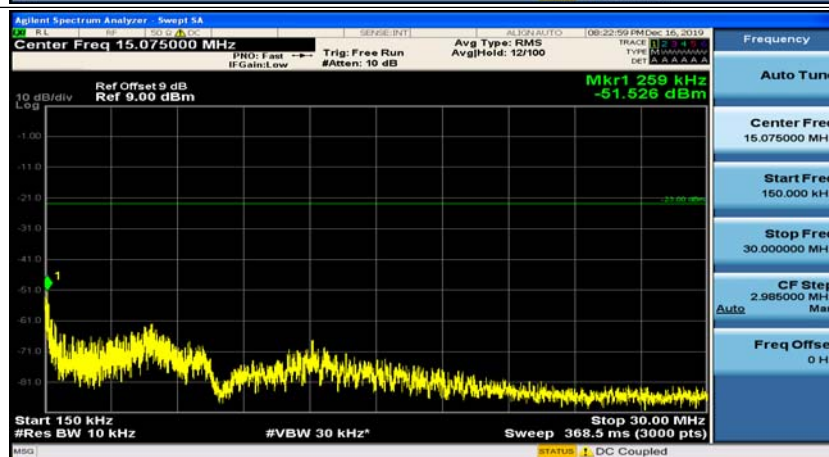
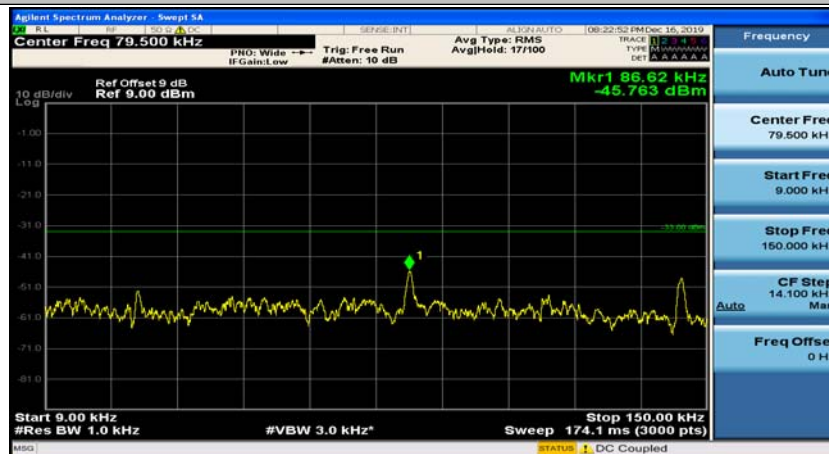


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12

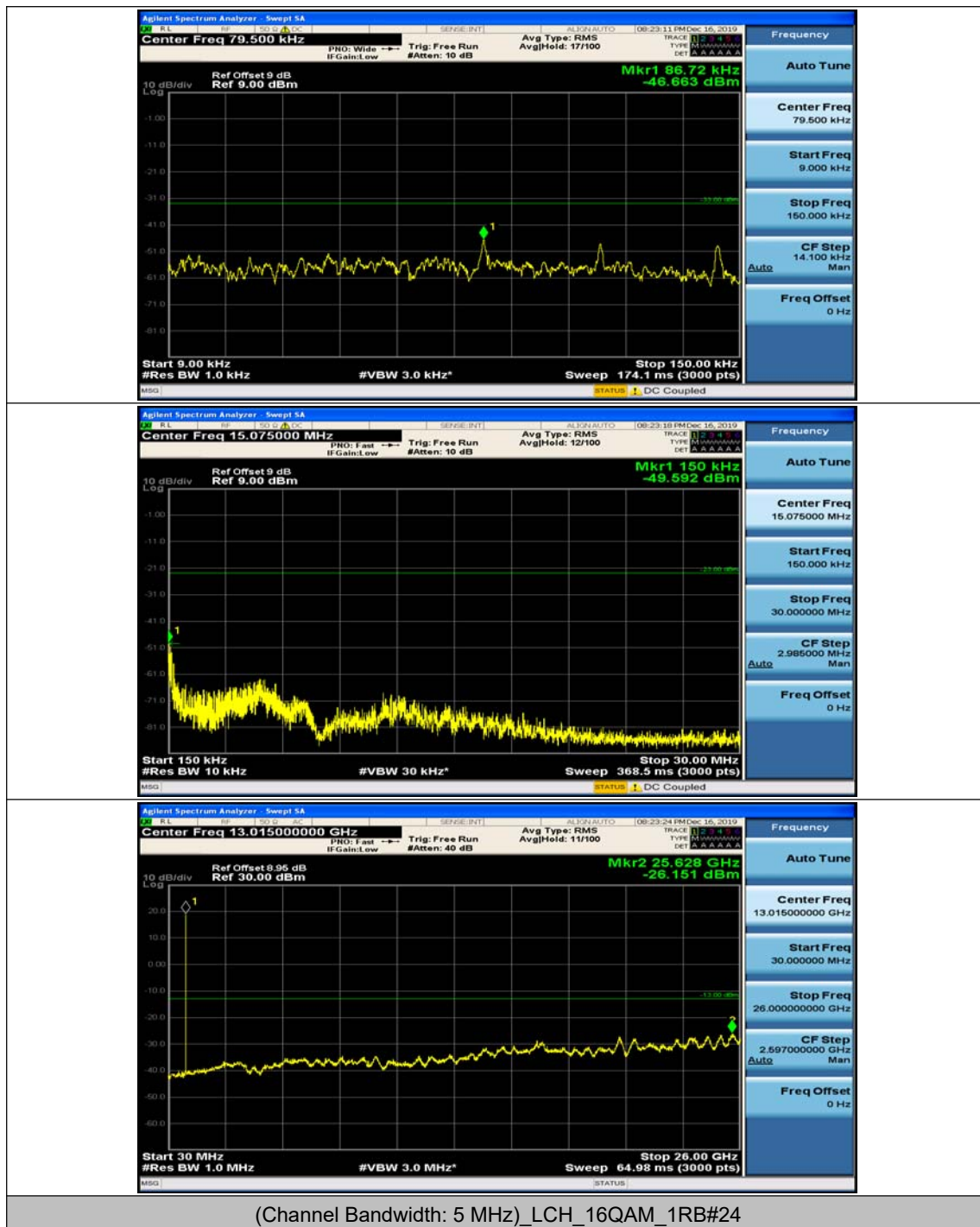


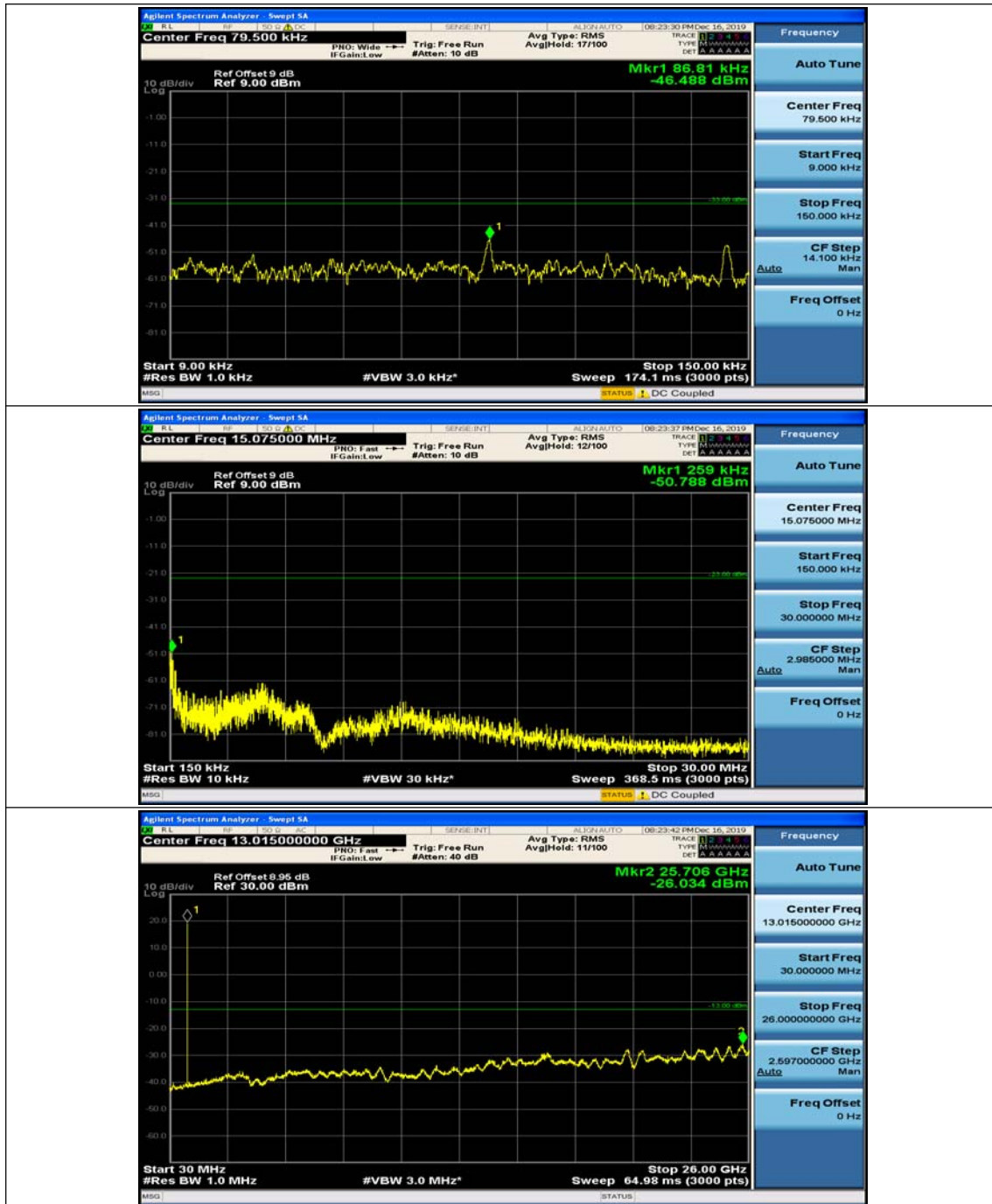


(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0

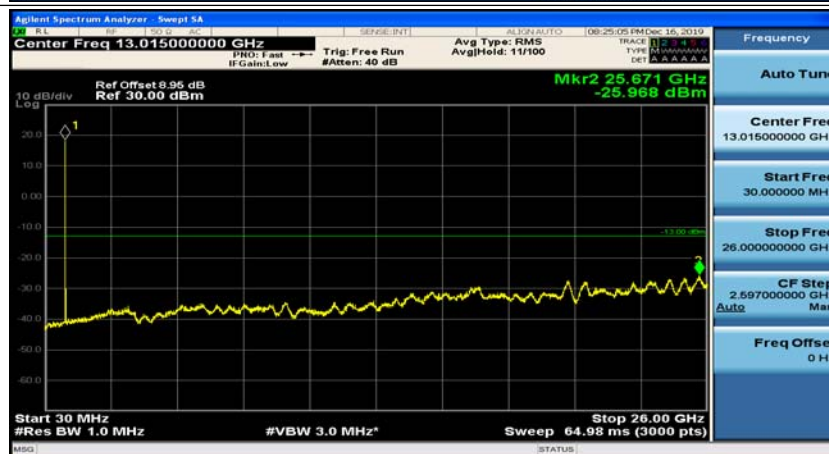
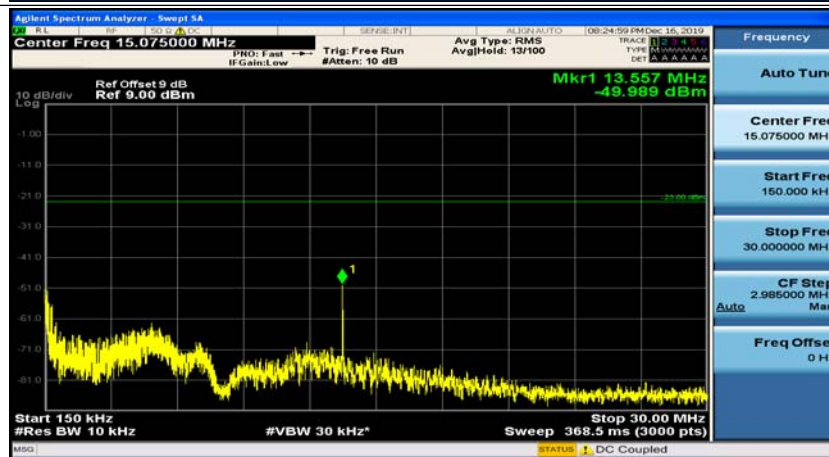
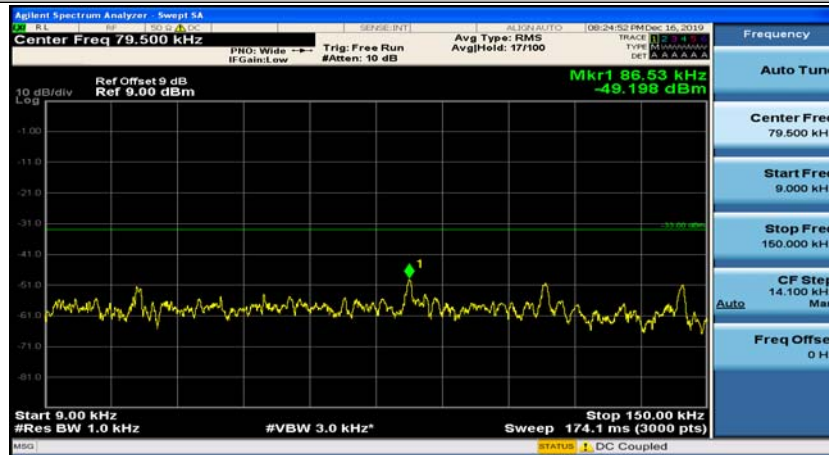


(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12

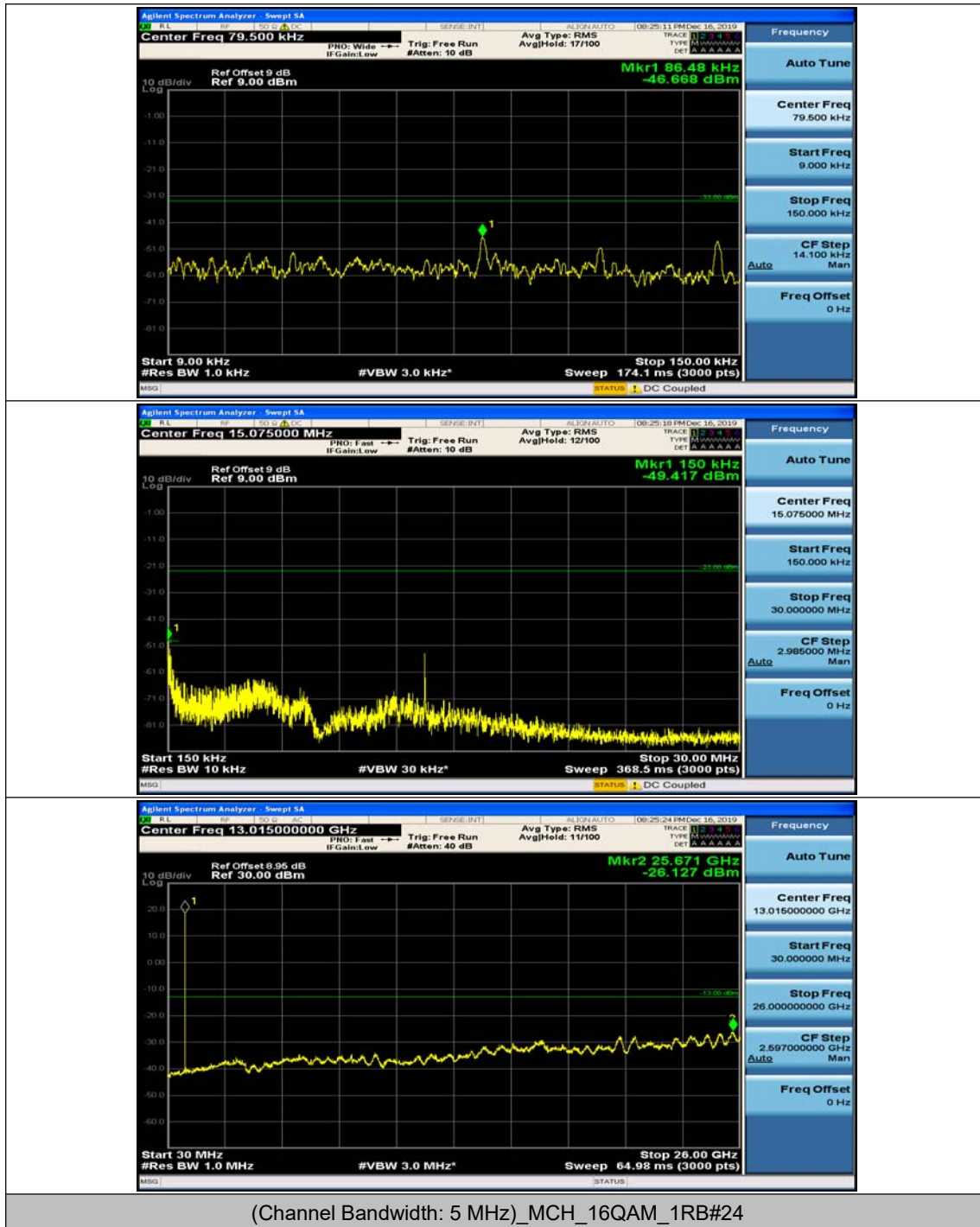


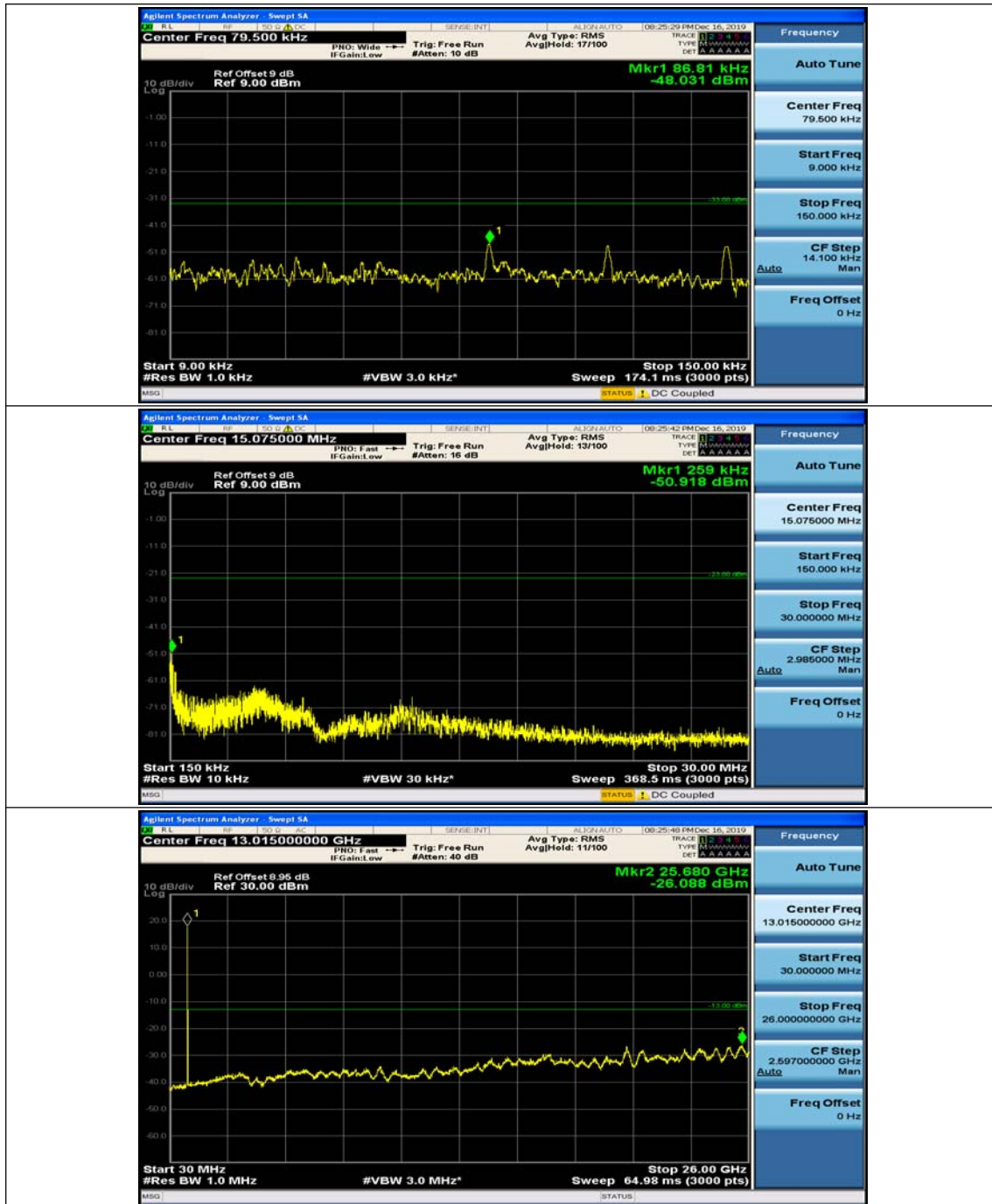


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0

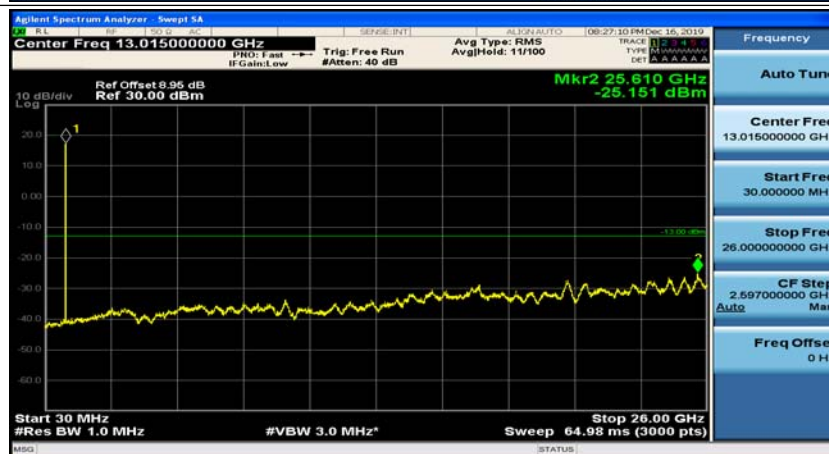
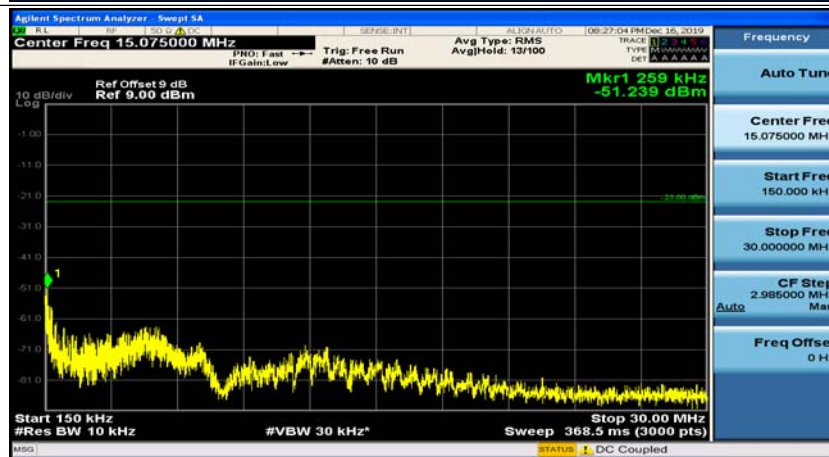
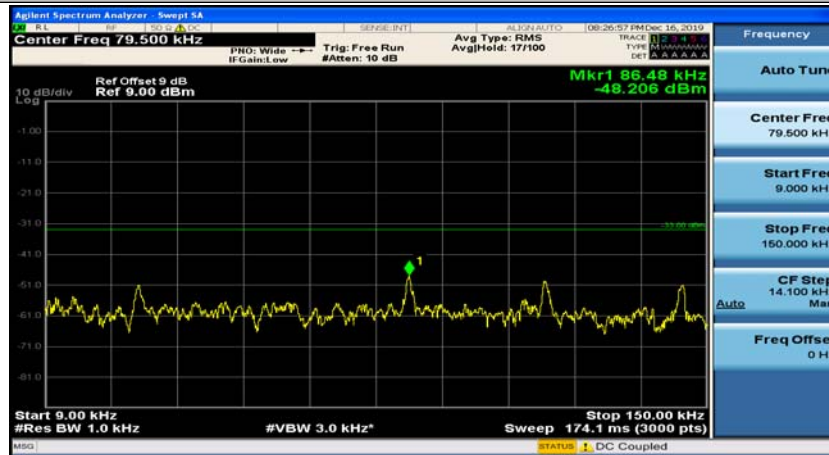


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12

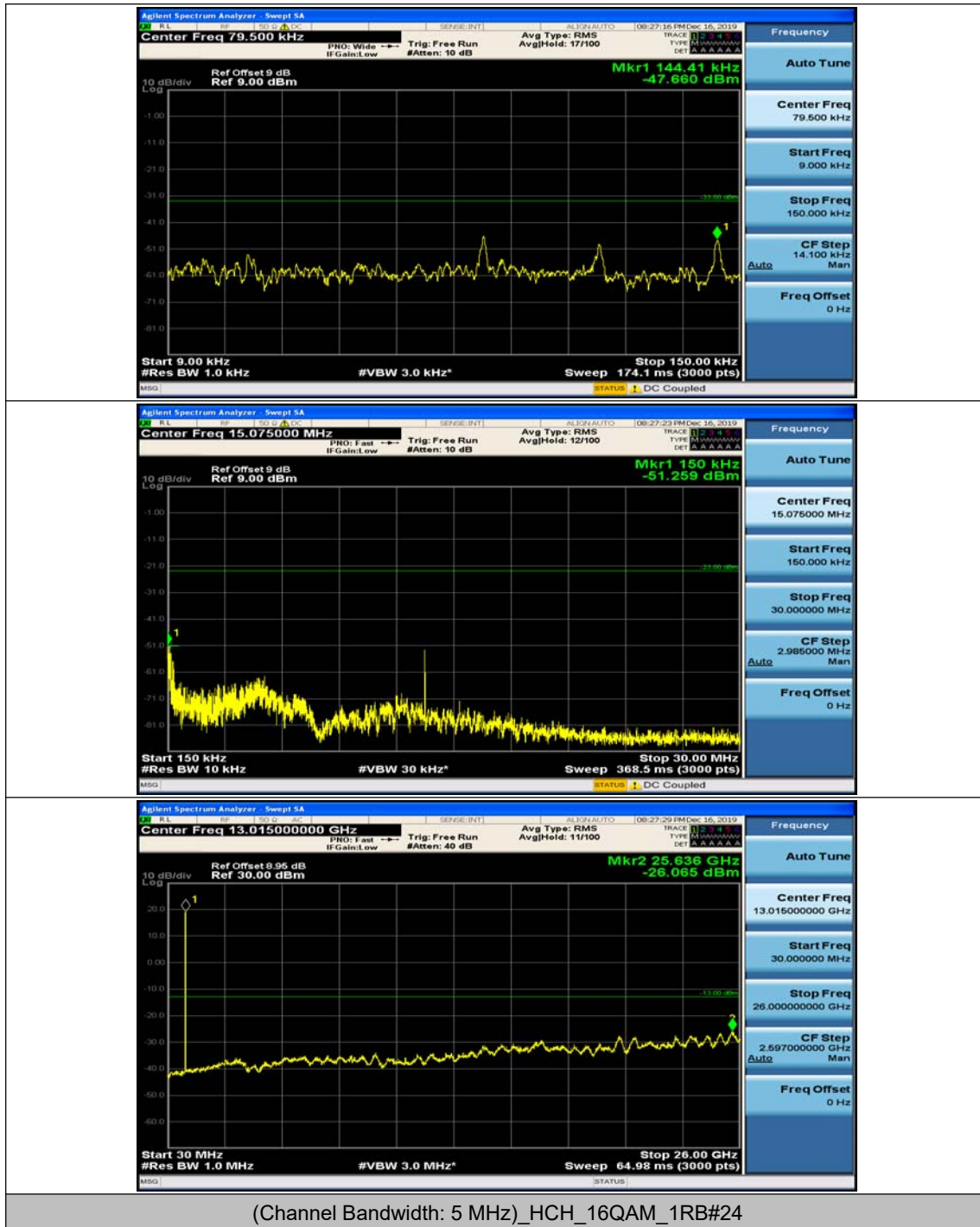


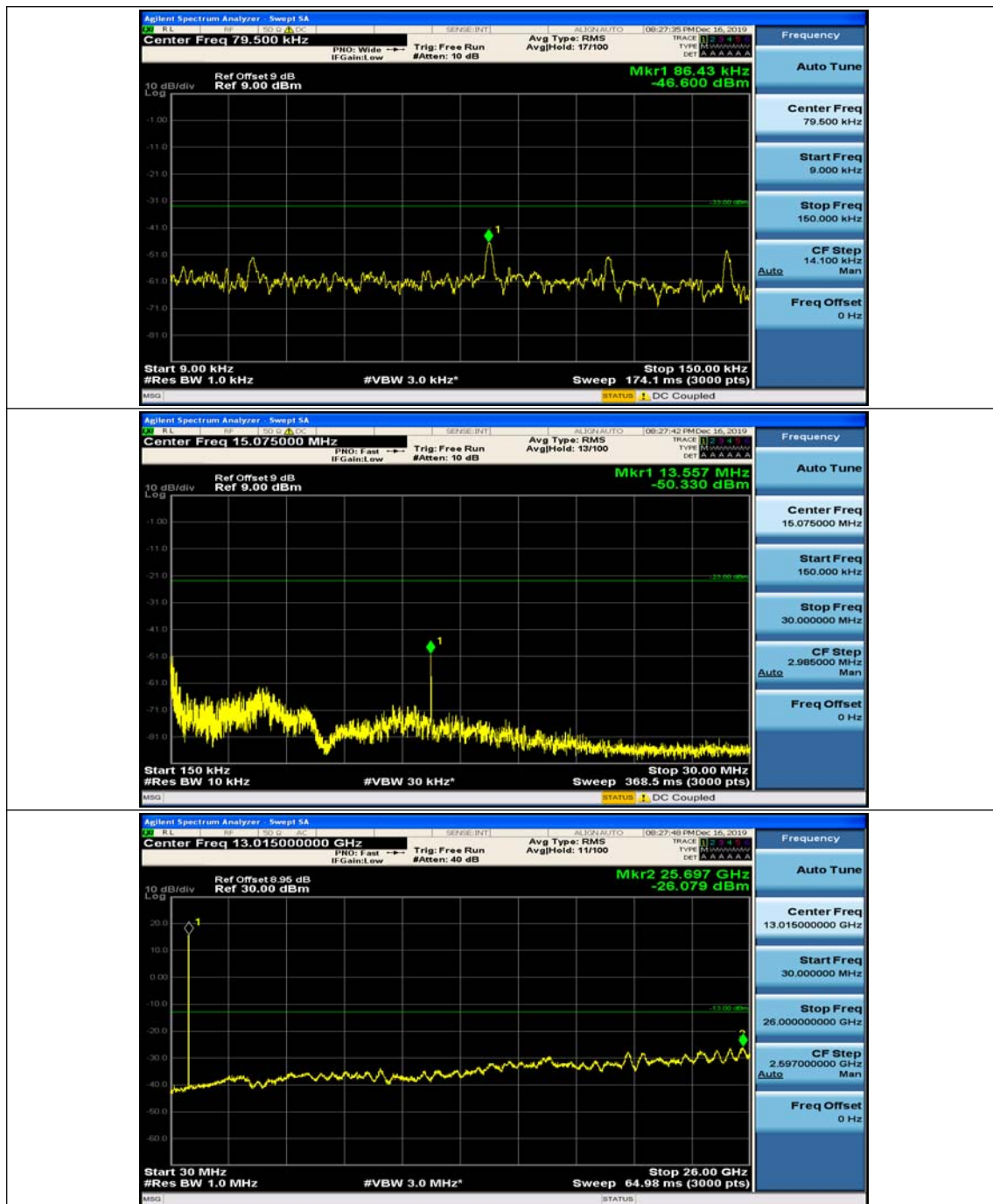


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

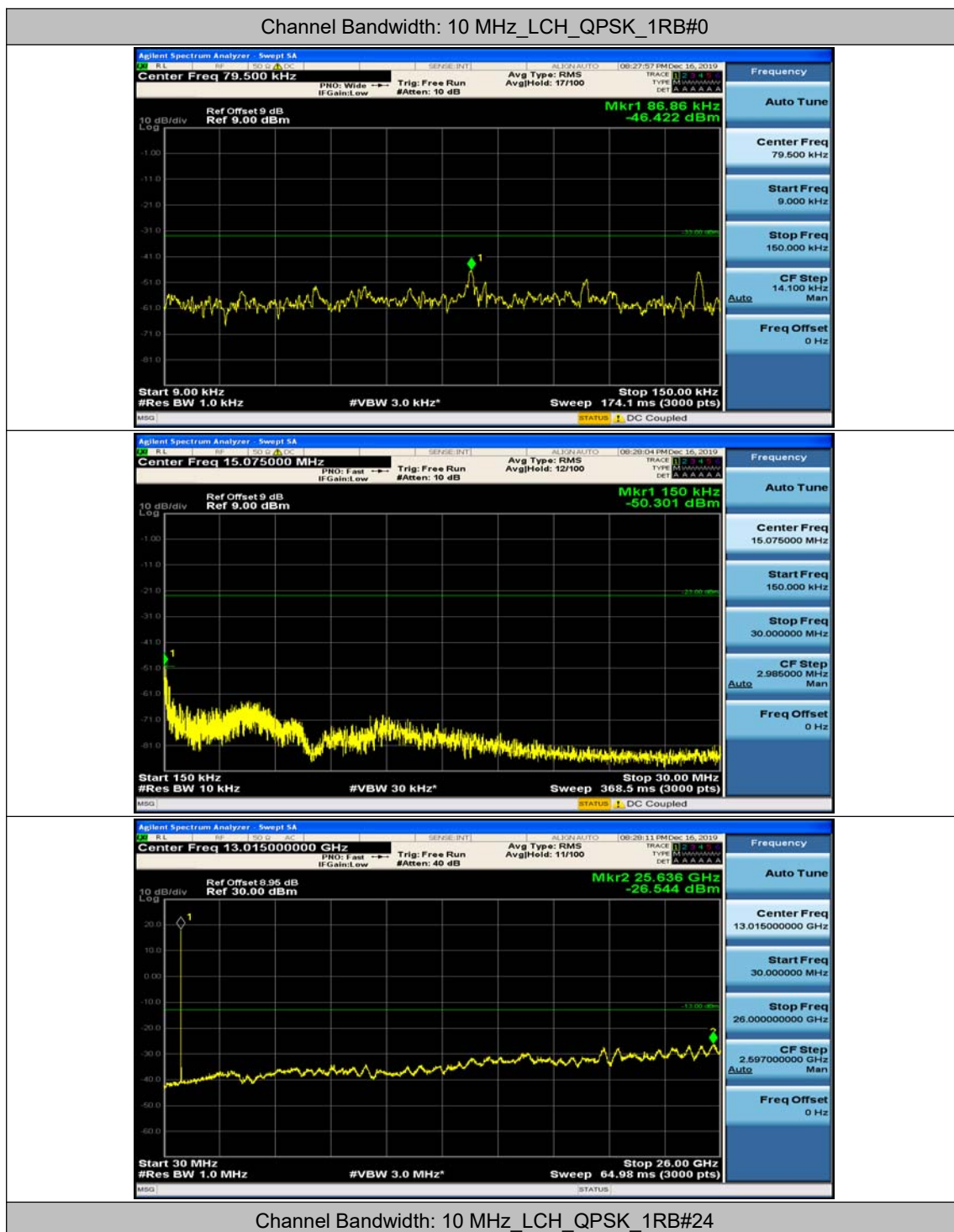


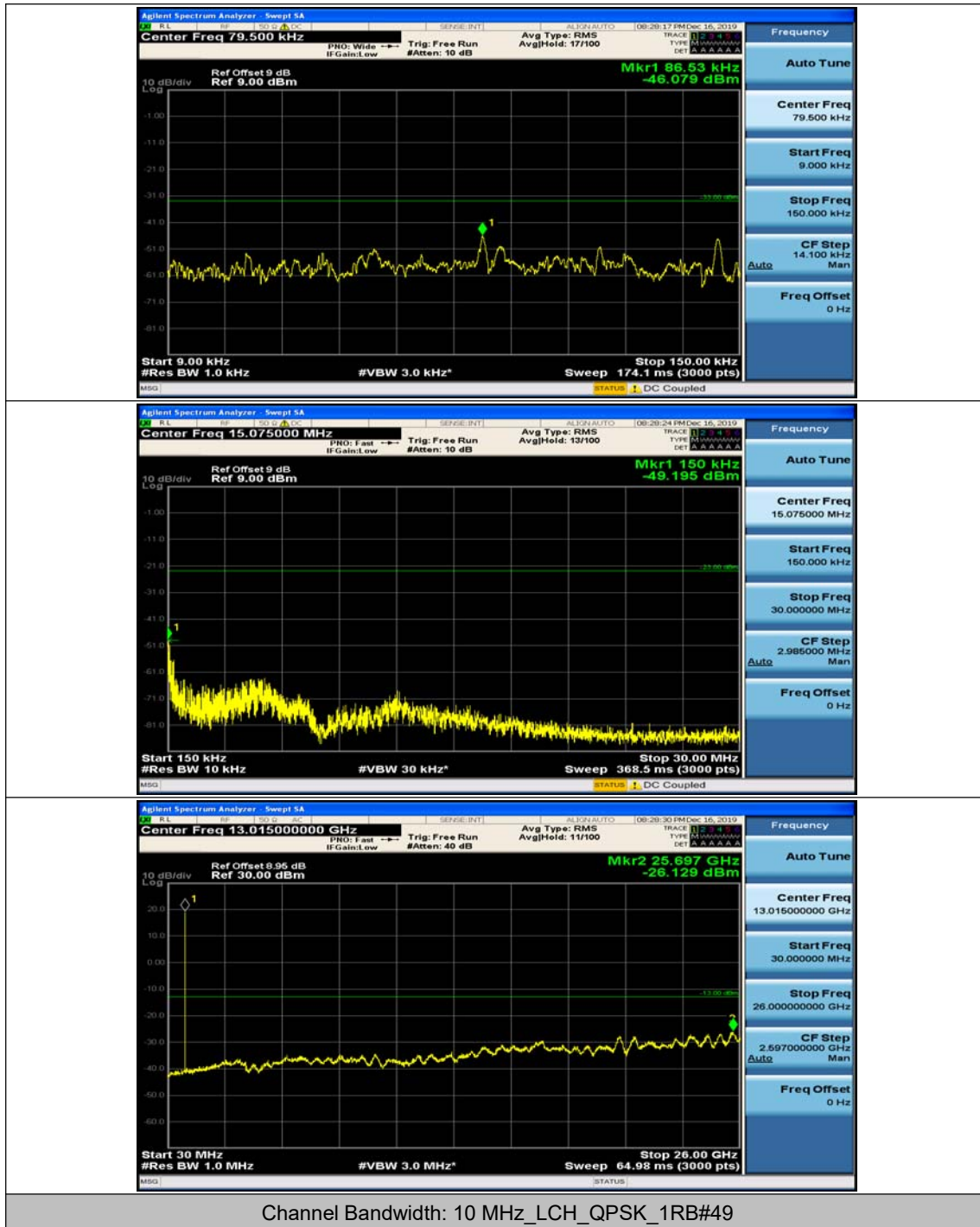
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12

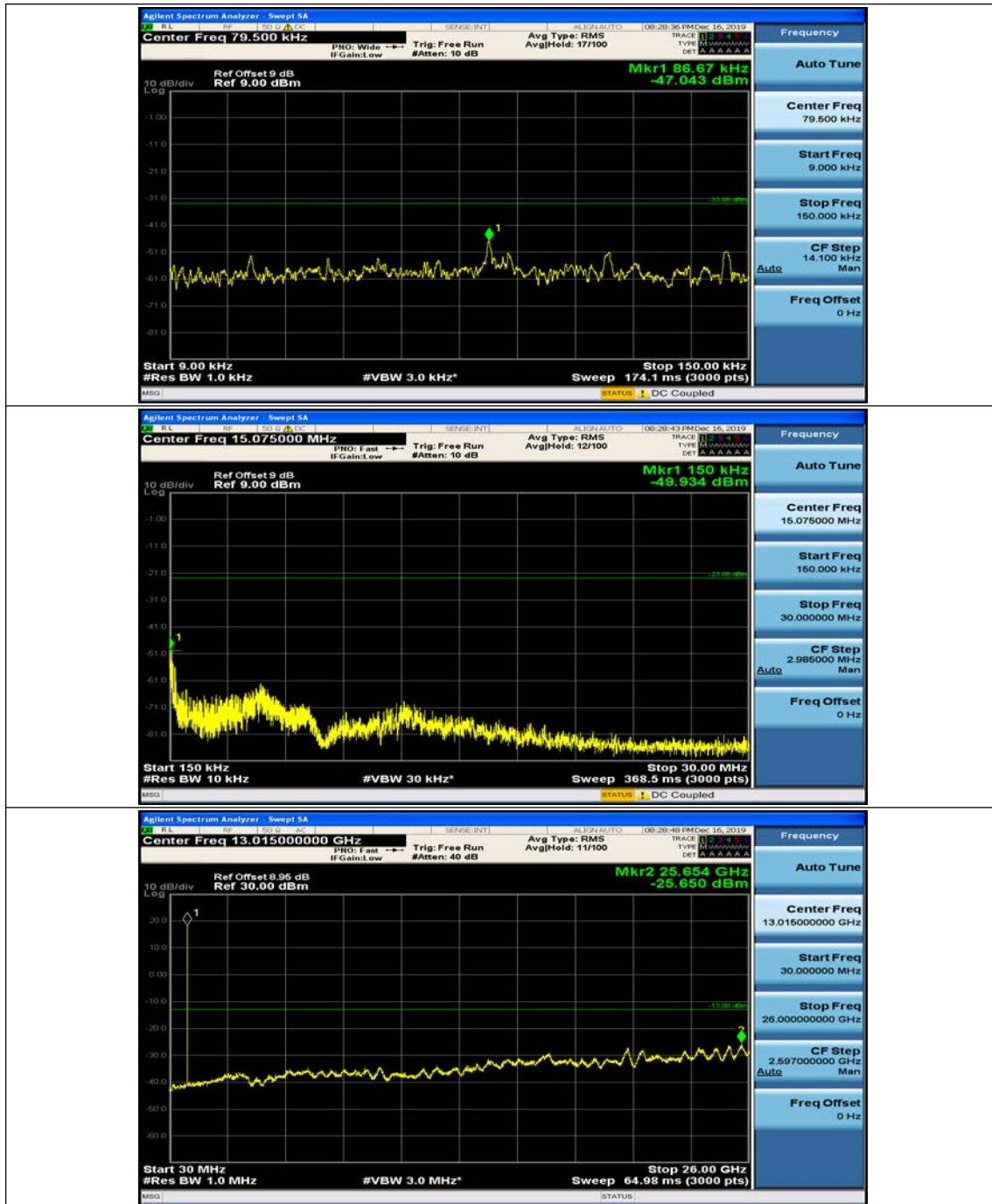




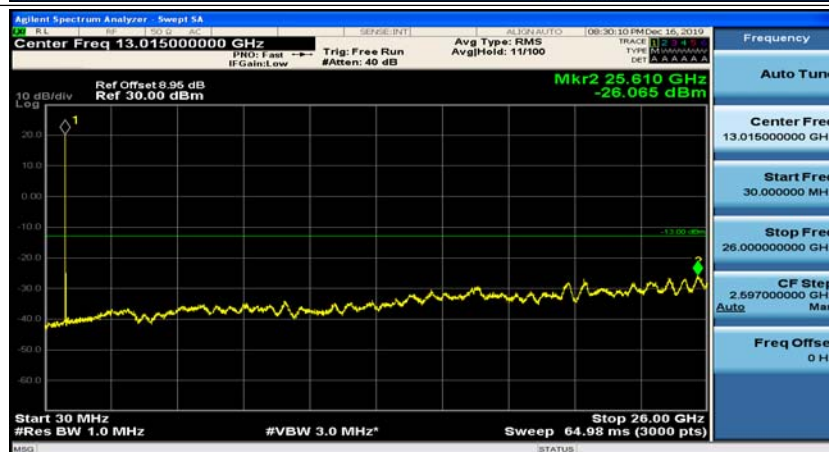
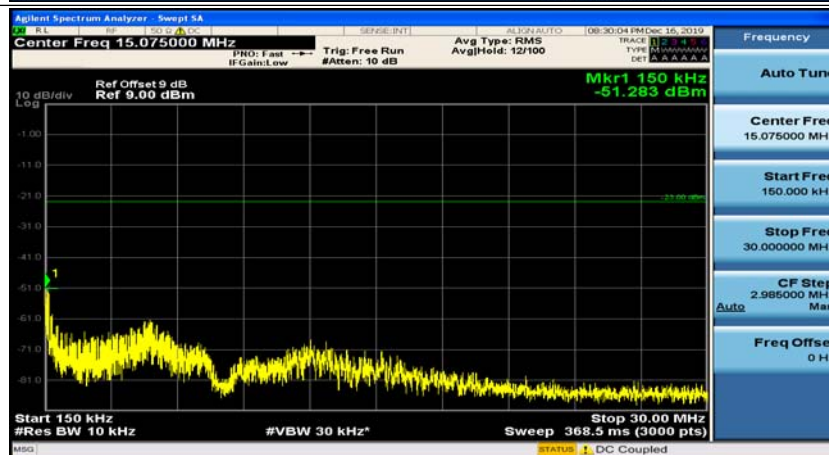
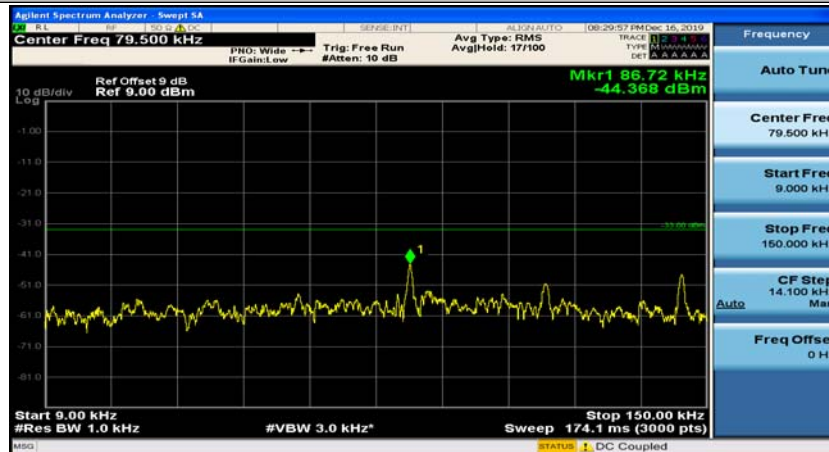
Channel Bandwidth: 10 MHz



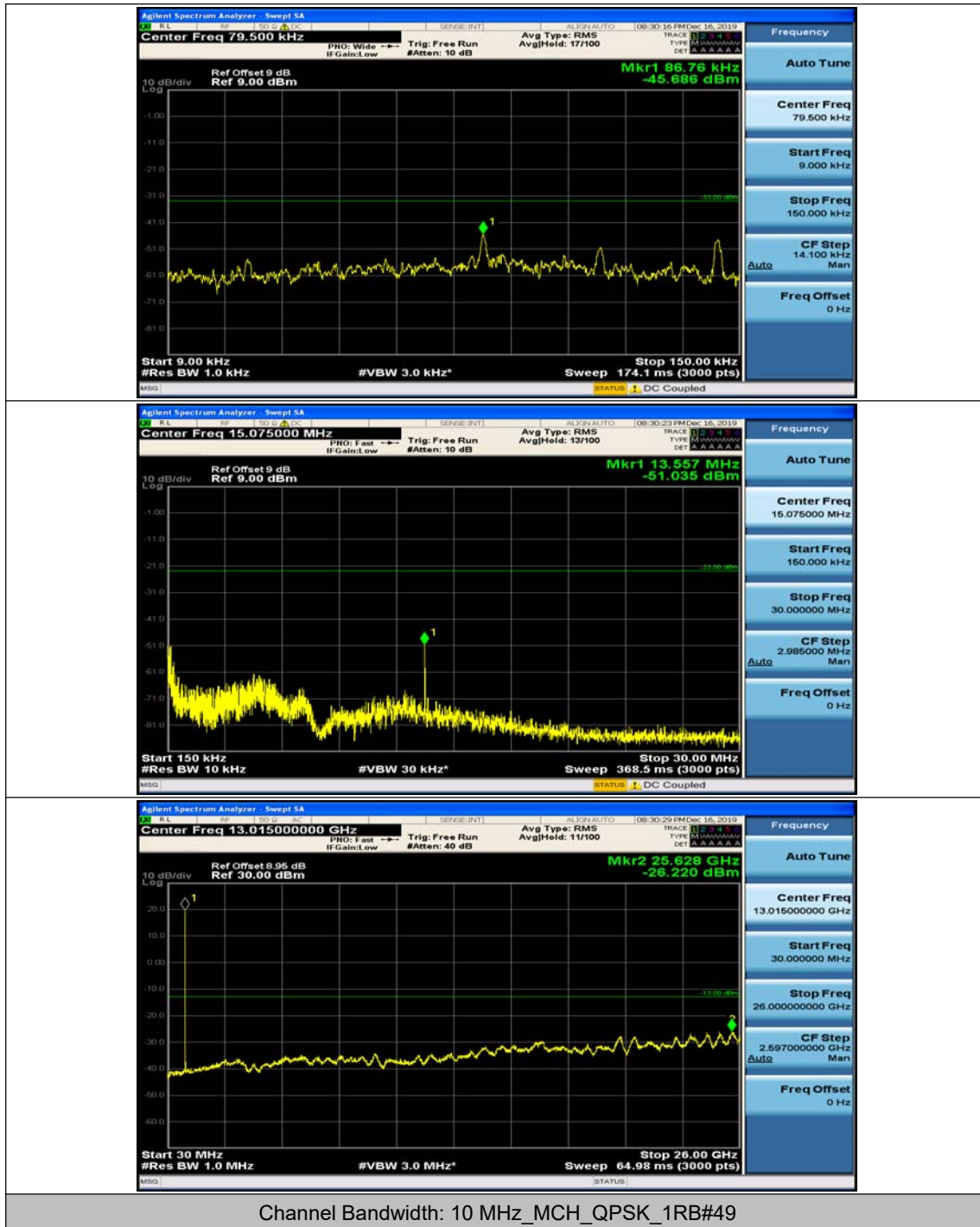


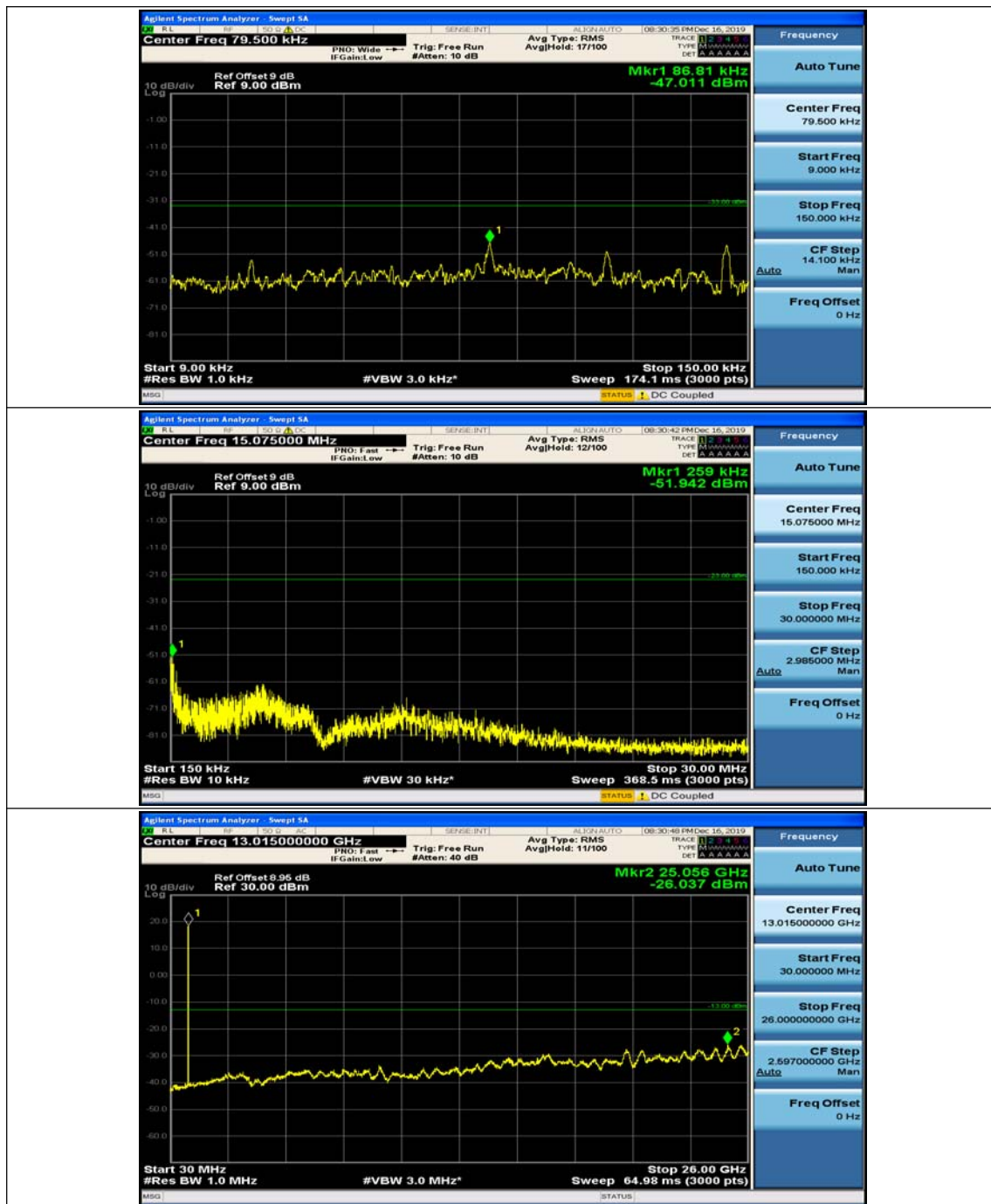


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

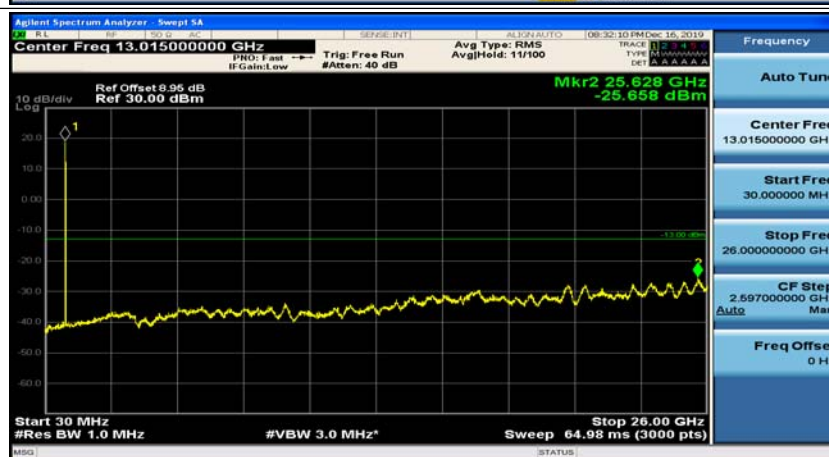
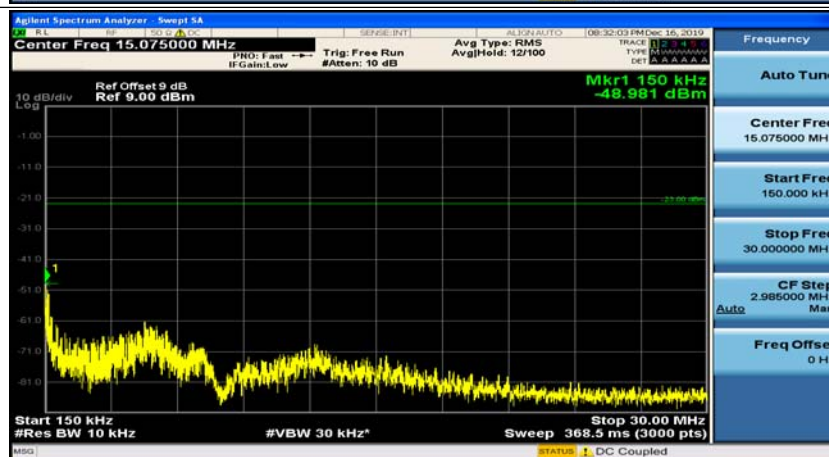
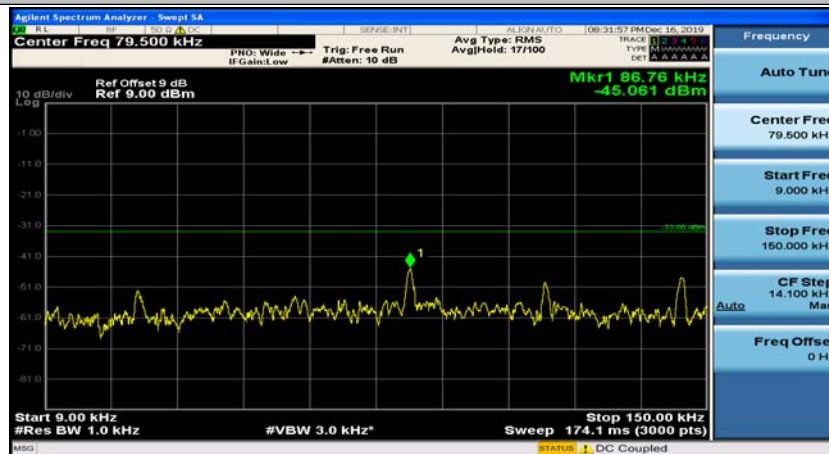


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24

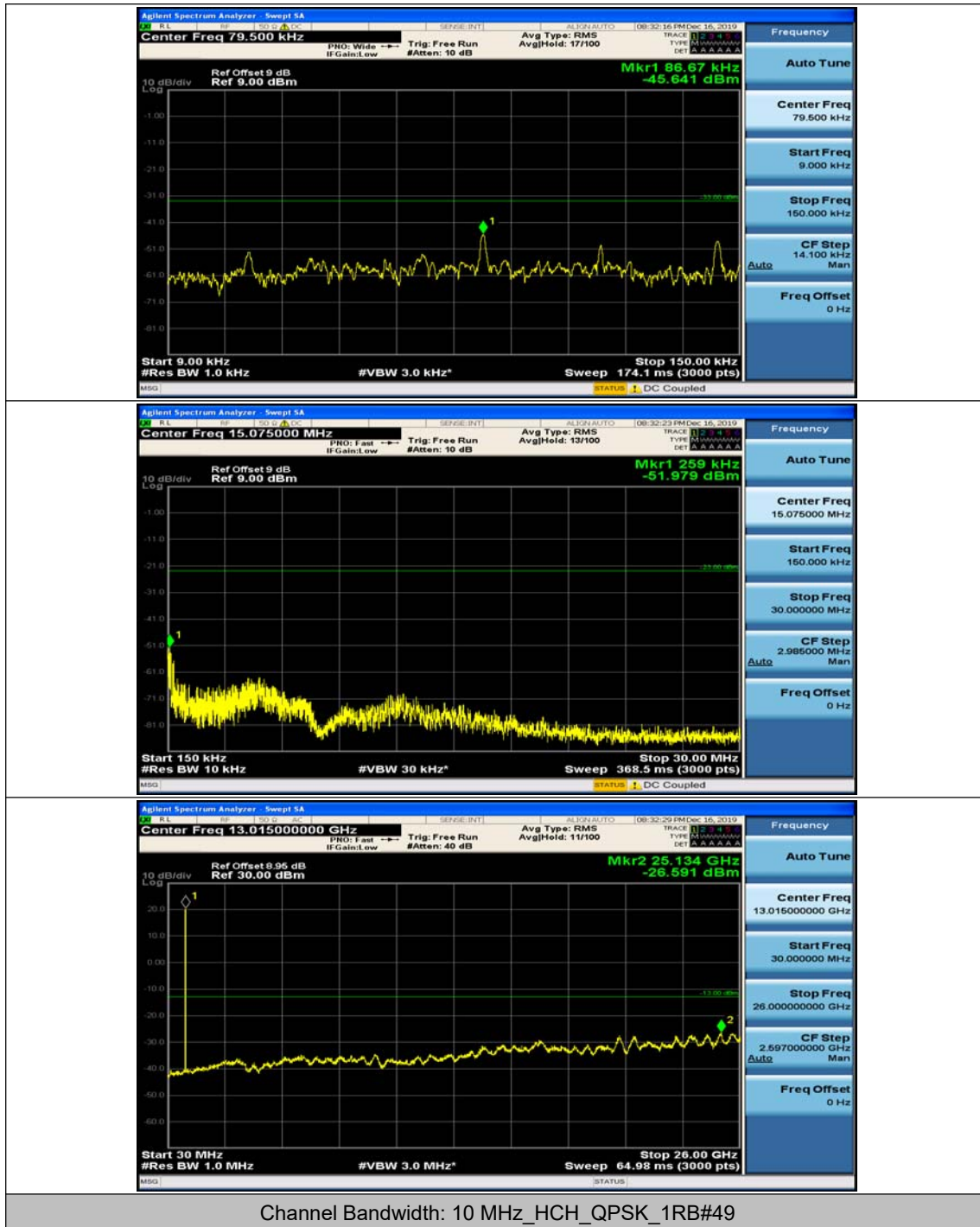


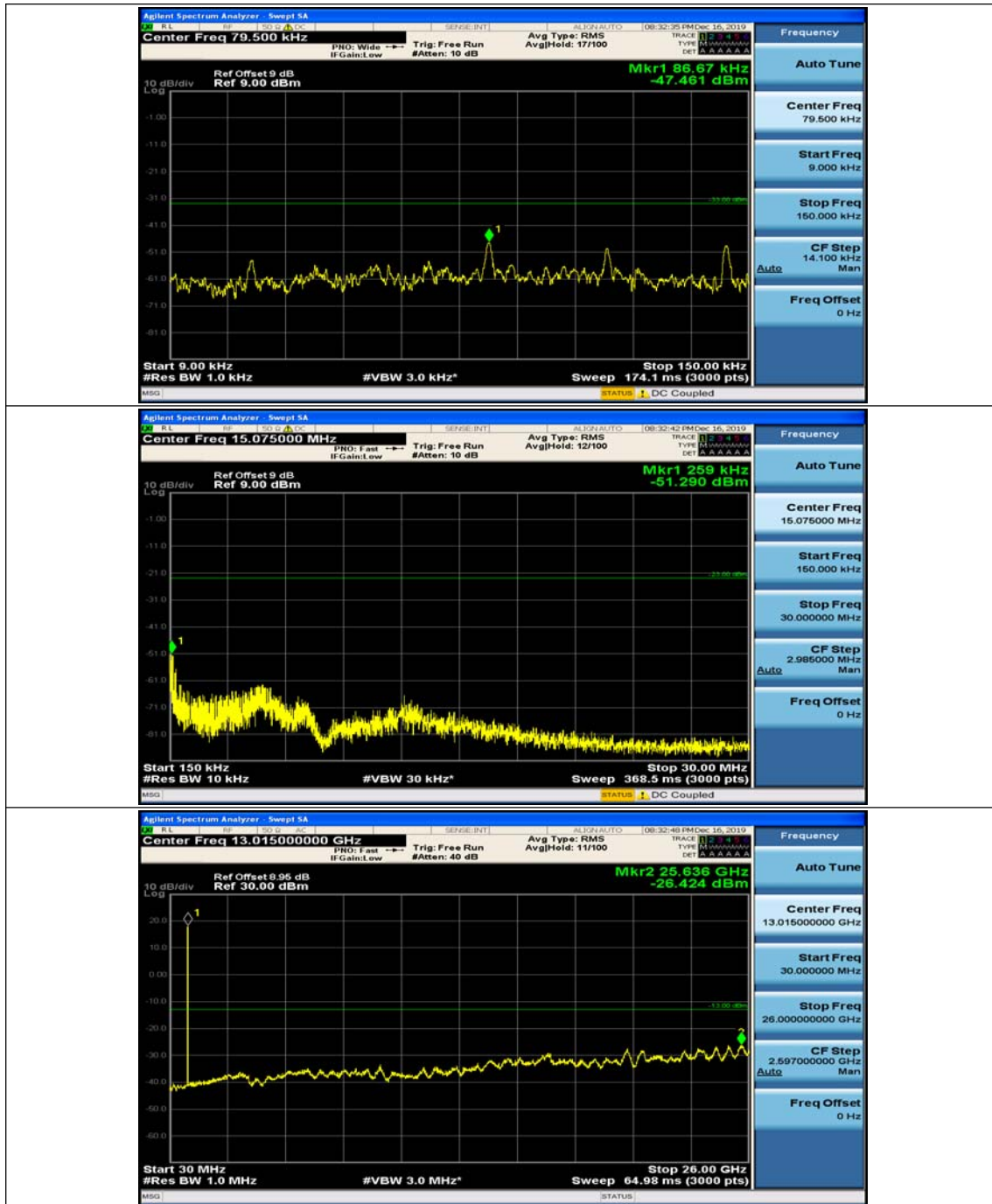


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

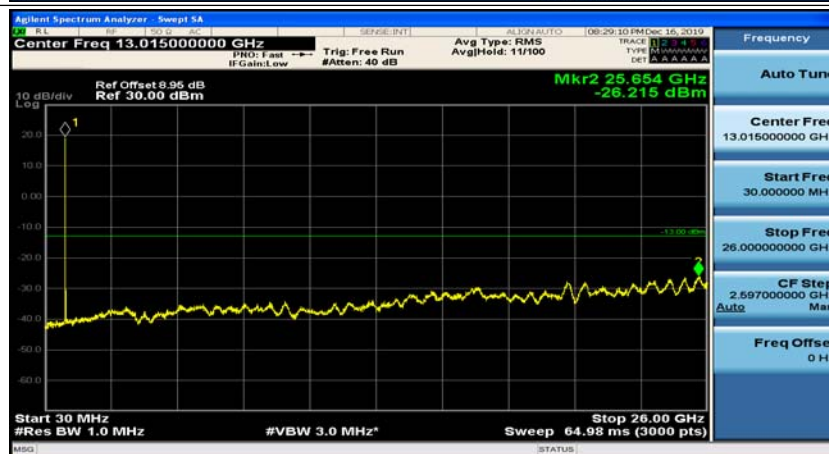
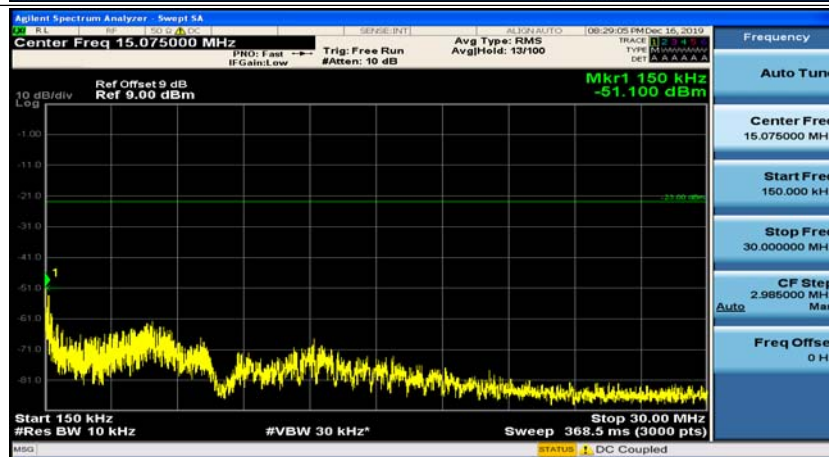
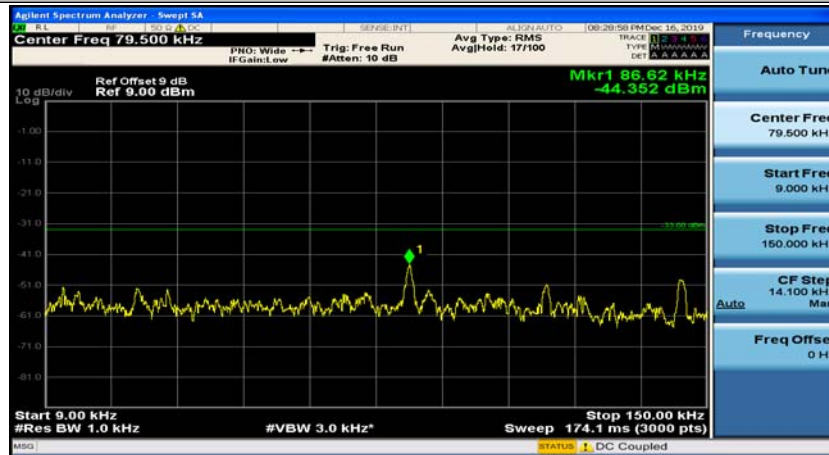


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24

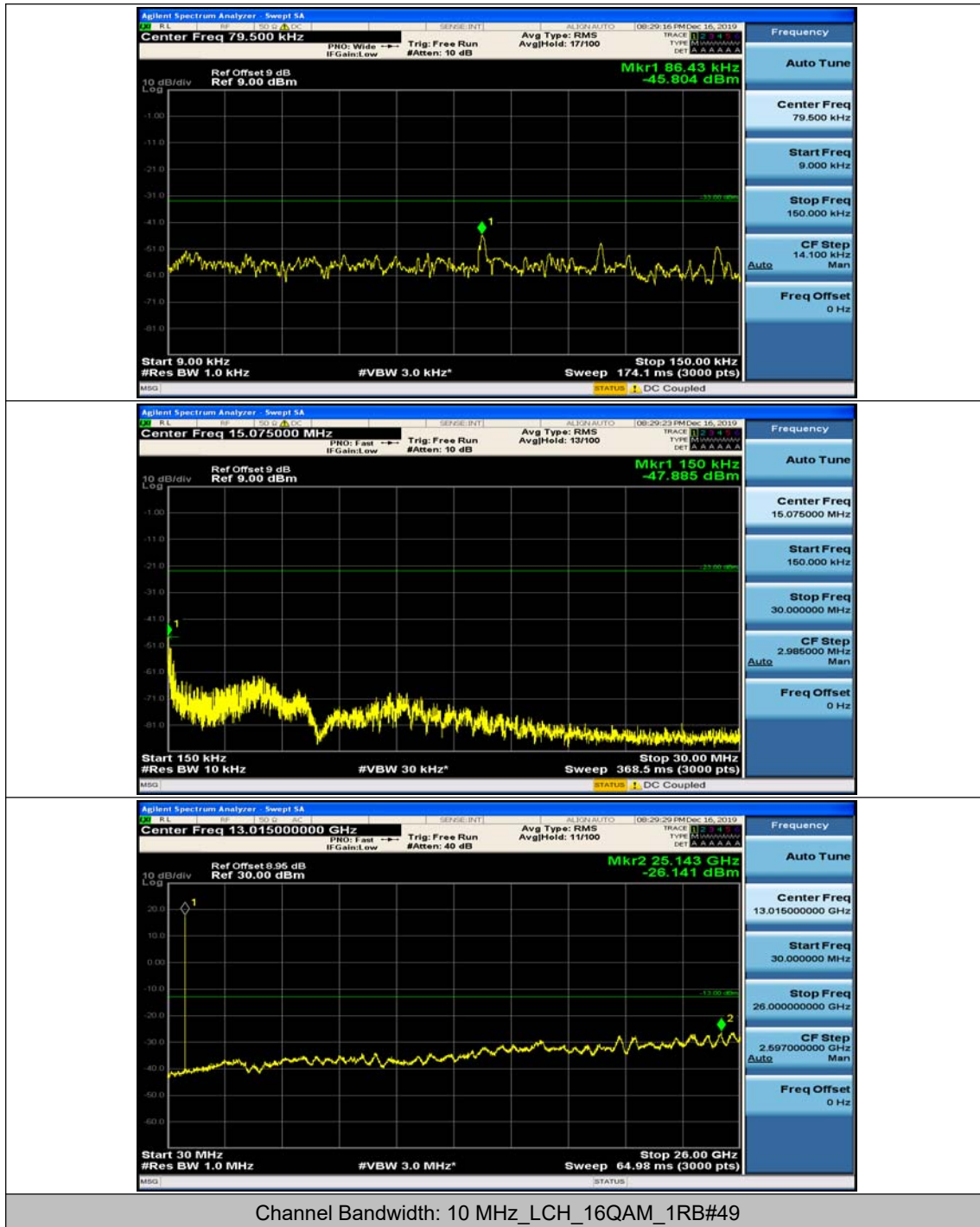


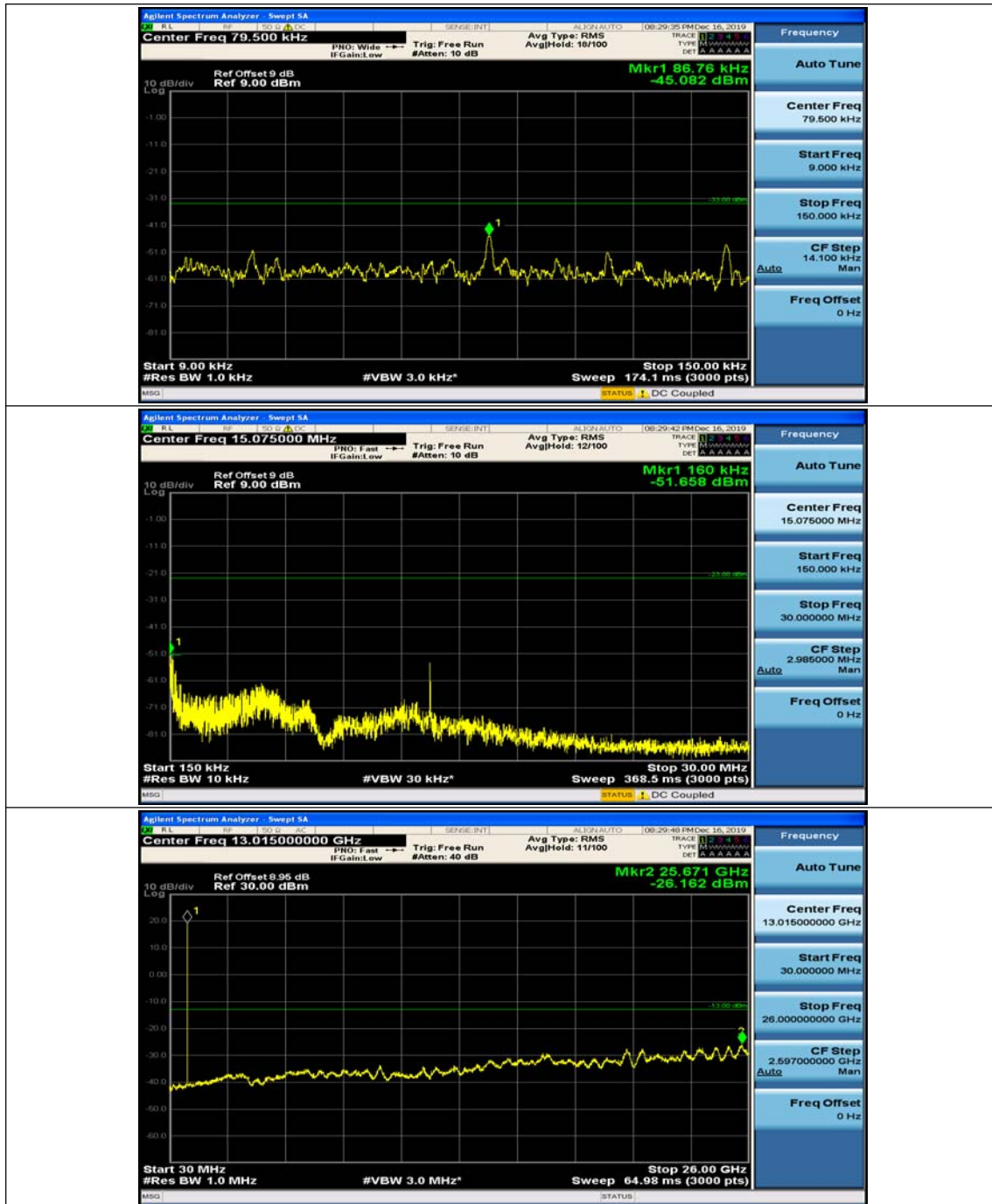


Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0

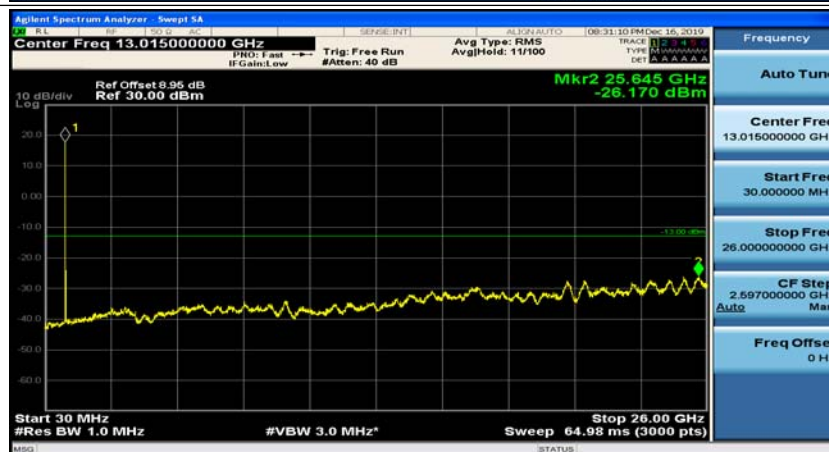
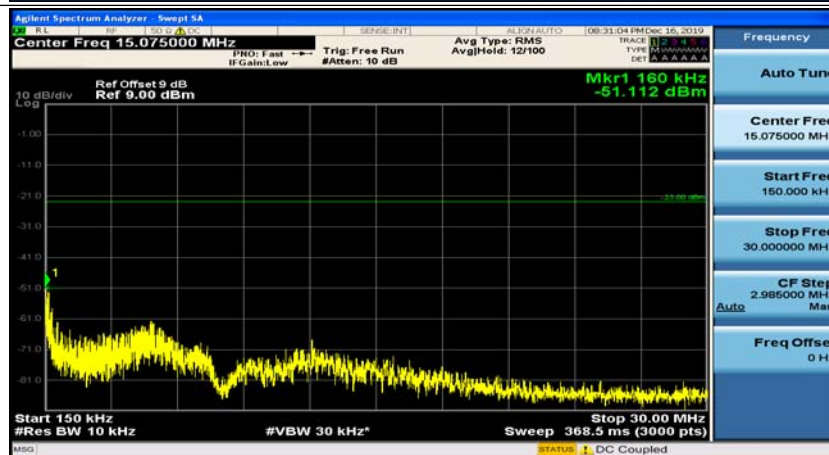
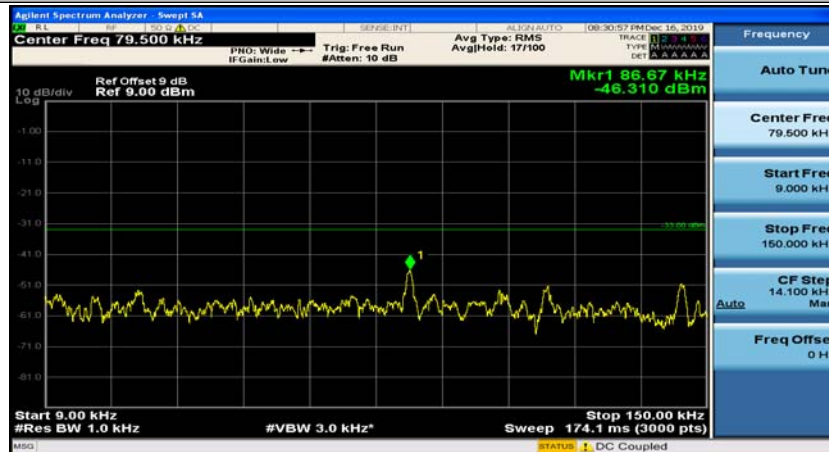


Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24

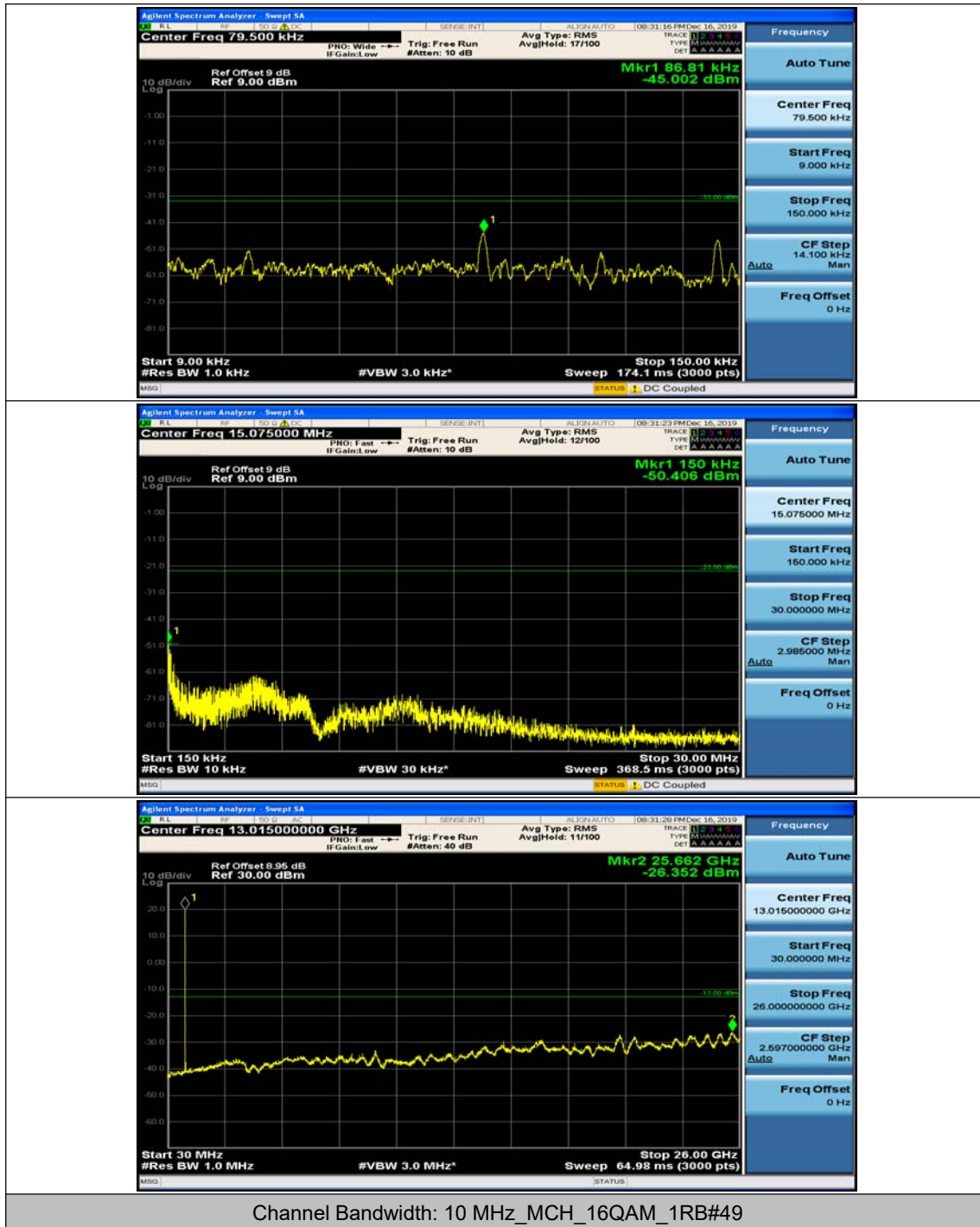


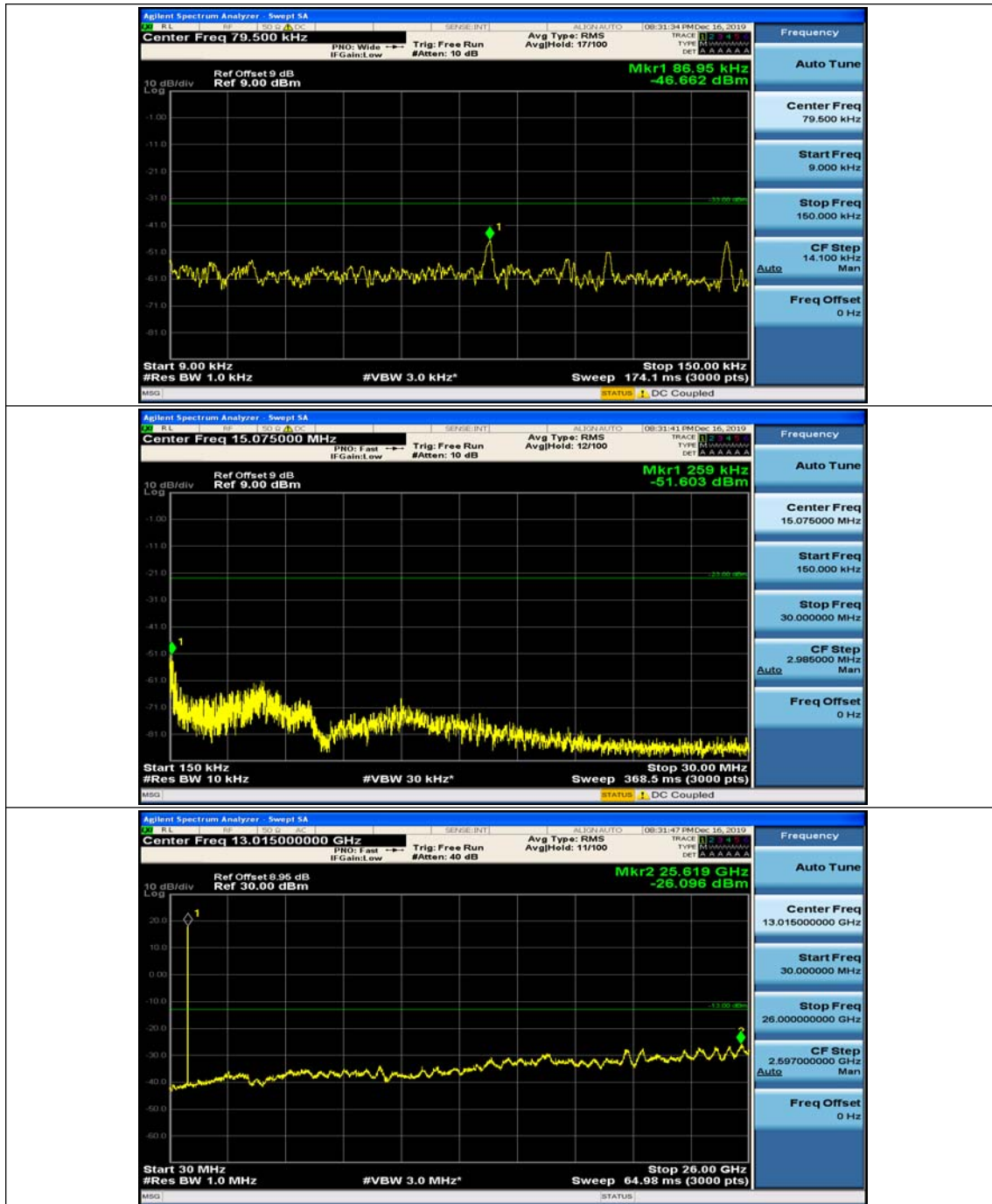


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

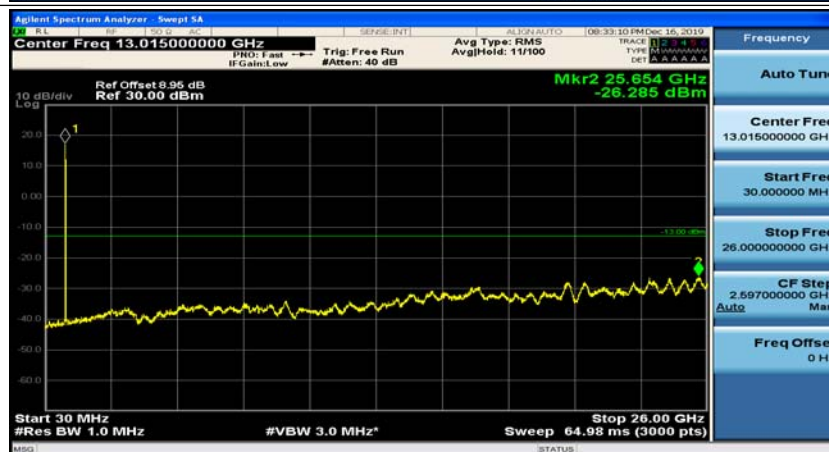
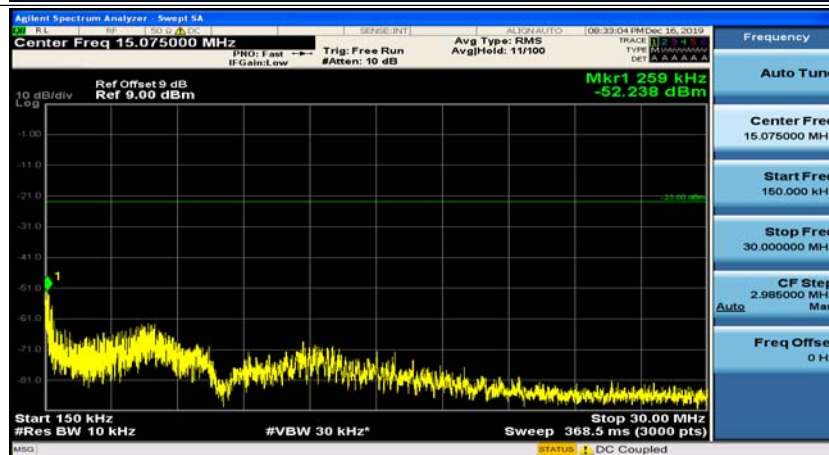
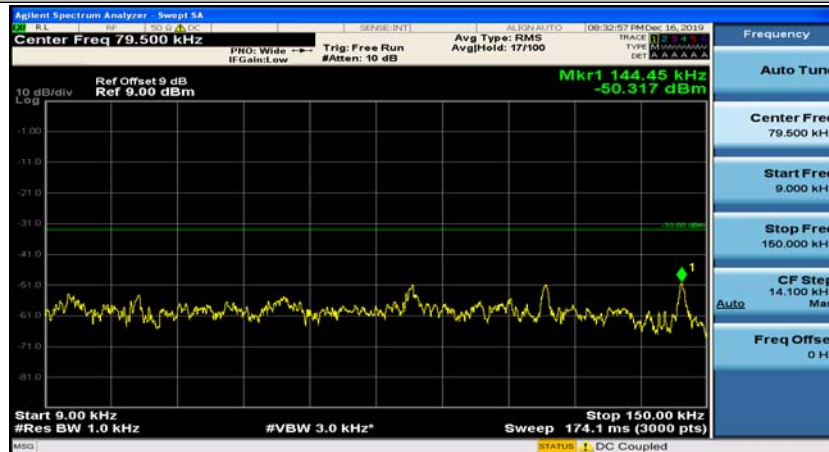


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

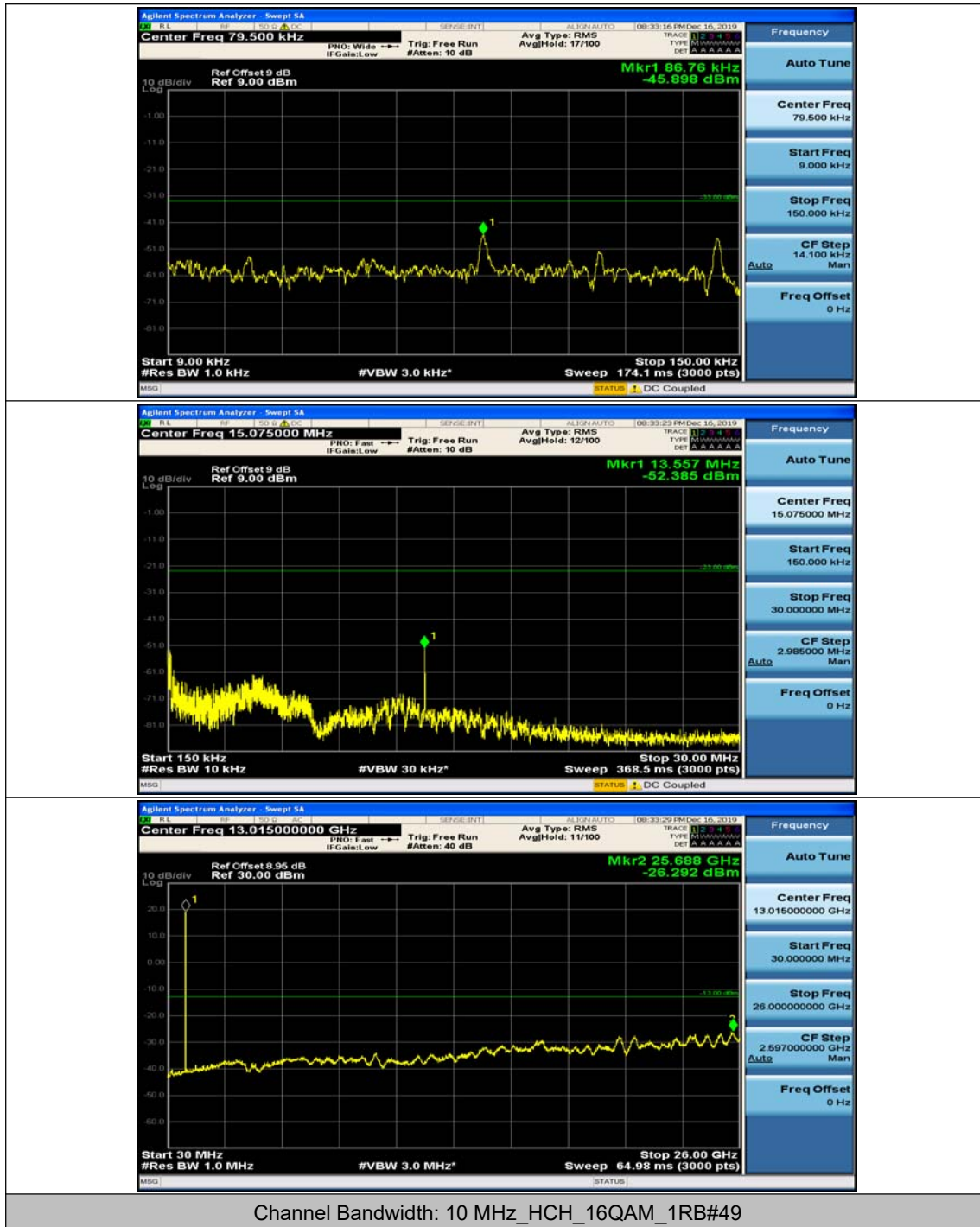


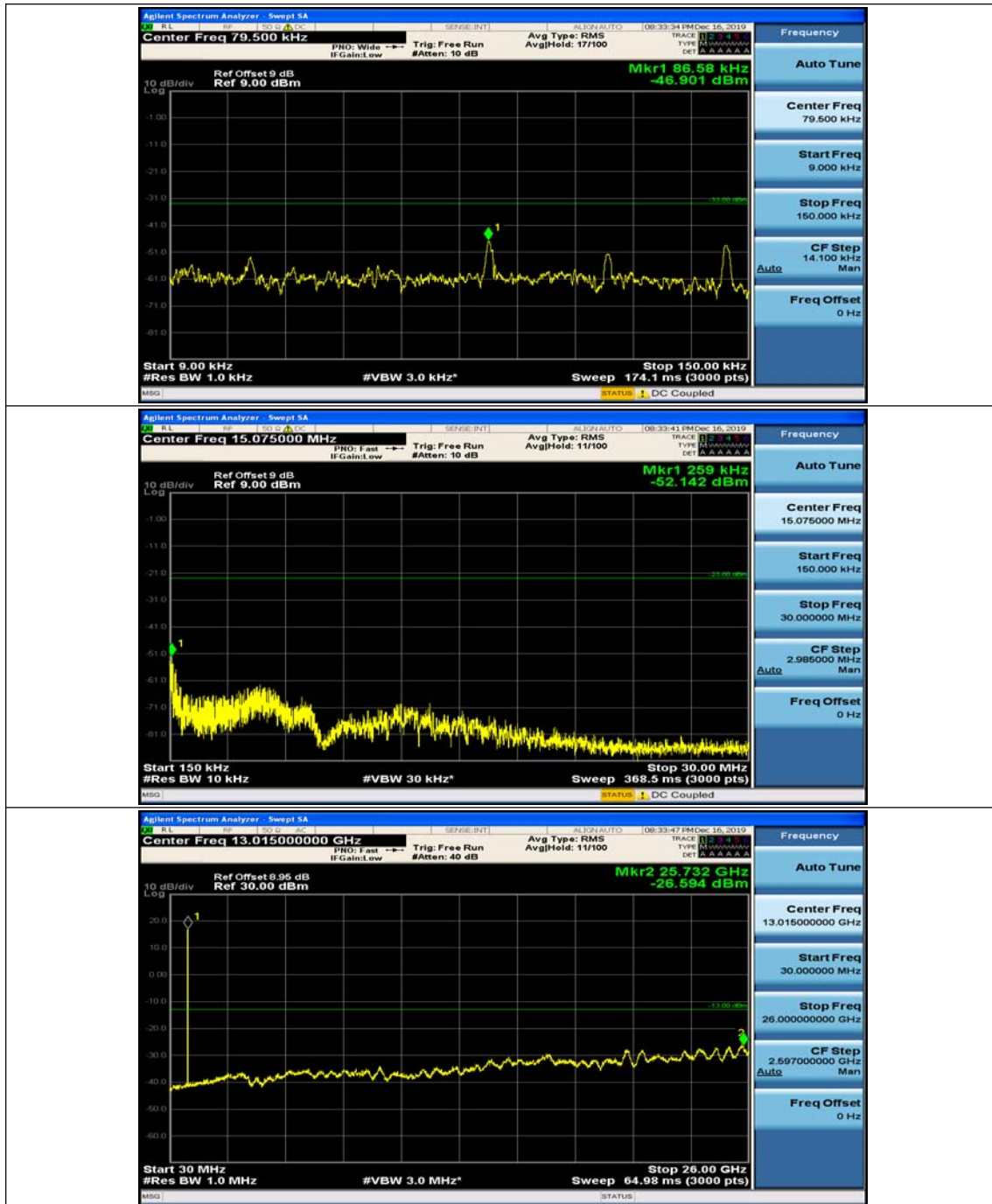


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24





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	0.57	0.000691	± 2.5	PASS
		VN	TN	2.85	0.003456	± 2.5	PASS
		VH	TN	1.86	0.002255	± 2.5	PASS
	MCH	VL	TN	3.37	0.004029	± 2.5	PASS
		VN	TN	0.61	0.000729	± 2.5	PASS
		VH	TN	1.64	0.001961	± 2.5	PASS
	HCH	VL	TN	4.72	0.005564	± 2.5	PASS
		VN	TN	-1.42	-0.001674	± 2.5	PASS
		VH	TN	3.4	0.004008	± 2.5	PASS
16QAM	LCH	VL	TN	-1.11	-0.001346	± 2.5	PASS
		VN	TN	3.38	0.004098	± 2.5	PASS
		VH	TN	3.75	0.004547	± 2.5	PASS
	MCH	VL	TN	0.98	0.001172	± 2.5	PASS
		VN	TN	2.73	0.003264	± 2.5	PASS
		VH	TN	0.04	0.000048	± 2.5	PASS
	HCH	VL	TN	4.66	0.005493	± 2.5	PASS
		VN	TN	2	0.002358	± 2.5	PASS
		VH	TN	-0.83	-0.000978	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	2.09	0.002534	± 2.5	PASS
		VN	-20	1.23	0.001491	± 2.5	PASS
		VN	-10	4.9	0.005942	± 2.5	PASS
		VN	0	1.47	0.001782	± 2.5	PASS
		VN	10	-1.88	-0.002280	± 2.5	PASS
		VN	20	0.51	0.000618	± 2.5	PASS
		VN	30	0.02	0.000024	± 2.5	PASS
		VN	40	2.71	0.003286	± 2.5	PASS
		VN	50	-1.62	-0.001964	± 2.5	PASS
	MCH	VN	-30	2.29	0.002738	± 2.5	PASS

		VN	-20	1.1	0.001315	± 2.5	PASS
		VN	-10	4.37	0.005224	± 2.5	PASS
		VN	0	4	0.004782	± 2.5	PASS
		VN	10	4.18	0.004997	± 2.5	PASS
		VN	20	2.35	0.002809	± 2.5	PASS
		VN	30	4.35	0.005200	± 2.5	PASS
		VN	40	2.64	0.003156	± 2.5	PASS
		VN	50	-1.5	-0.001793	± 2.5	PASS
	HCH	VN	-30	1.29	0.001521	± 2.5	PASS
		VN	-20	1.28	0.001509	± 2.5	PASS
		VN	-10	0.02	0.000024	± 2.5	PASS
		VN	0	2.2	0.002593	± 2.5	PASS
		VN	10	2.66	0.003136	± 2.5	PASS
		VN	20	4.46	0.005258	± 2.5	PASS
		VN	30	4.02	0.004739	± 2.5	PASS
		VN	40	-1.87	-0.002204	± 2.5	PASS
16QAM	LCH	VN	50	1.48	0.001745	± 2.5	PASS
		VN	-30	-1.59	-0.001928	± 2.5	PASS
		VN	-20	-0.21	-0.000255	± 2.5	PASS
		VN	-10	1.96	0.002377	± 2.5	PASS
		VN	0	-0.62	-0.000752	± 2.5	PASS
		VN	10	2.85	0.003456	± 2.5	PASS
		VN	20	3.81	0.004620	± 2.5	PASS
		VN	30	4.73	0.005735	± 2.5	PASS
		VN	40	0.31	0.000376	± 2.5	PASS
	MCH	VN	50	3.19	0.003868	± 2.5	PASS
		VN	-30	-0.33	-0.000389	± 2.5	PASS
		VN	-20	-1.03	-0.001214	± 2.5	PASS
		VN	-10	1.73	0.002039	± 2.5	PASS
		VN	0	2.64	0.003112	± 2.5	PASS
		VN	10	-1.85	-0.002181	± 2.5	PASS
		VN	20	1.69	0.001992	± 2.5	PASS
		VN	30	0.06	0.000071	± 2.5	PASS
		VN	40	3.18	0.003749	± 2.5	PASS
	HCH	VN	50	4.71	0.005552	± 2.5	PASS
		VN	-30	3.83	0.004515	± 2.5	PASS
		VN	-20	2.06	0.002428	± 2.5	PASS
		VN	-10	3.33	0.003925	± 2.5	PASS
		VN	0	1.38	0.001627	± 2.5	PASS
		VN	10	-0.38	-0.000448	± 2.5	PASS
		VN	20	-0.77	-0.000908	± 2.5	PASS

		VN	30	3.48	0.004102	± 2.5	PASS
		VN	40	-1.21	-0.001426	± 2.5	PASS
		VN	50	1.37	0.001615	± 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	4.56	0.005524	± 2.5	PASS
		VN	TN	-0.28	-0.000339	± 2.5	PASS
		VH	TN	4.09	0.004955	± 2.5	PASS
	MCH	VL	TN	-1.52	-0.001817	± 2.5	PASS
		VN	TN	0.13	0.000155	± 2.5	PASS
		VH	TN	3.94	0.004710	± 2.5	PASS
	HCH	VL	TN	0.02	0.000024	± 2.5	PASS
		VN	TN	-1.38	-0.001628	± 2.5	PASS
		VH	TN	0.57	0.000673	± 2.5	PASS
16QAM	LCH	VL	TN	0.98	0.001187	± 2.5	PASS
		VN	TN	4.47	0.005415	± 2.5	PASS
		VH	TN	0.23	0.000279	± 2.5	PASS
	MCH	VL	TN	2.6	0.003108	± 2.5	PASS
		VN	TN	3.23	0.003861	± 2.5	PASS
		VH	TN	-0.32	-0.000383	± 2.5	PASS
	HCH	VL	TN	-1.34	-0.001581	± 2.5	PASS
		VN	TN	-0.91	-0.001074	± 2.5	PASS
		VH	TN	-1.21	-0.001428	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	0.44	0.000533	± 2.5	PASS
		VN	-20	3.59	0.004349	± 2.5	PASS
		VN	-10	-1.67	-0.002023	± 2.5	PASS
		VN	0	-0.4	-0.000485	± 2.5	PASS
		VN	10	-0.77	-0.000933	± 2.5	PASS
		VN	20	-1.27	-0.001538	± 2.5	PASS
		VN	30	0.63	0.000763	± 2.5	PASS
		VN	40	2.83	0.003428	± 2.5	PASS
		VN	50	0.43	0.000521	± 2.5	PASS
	MCH	VN	-30	2.74	0.003276	± 2.5	PASS
		VN	-20	-0.36	-0.000430	± 2.5	PASS

		VN	-10	-1.57	-0.001877	± 2.5	PASS
		VN	0	4.96	0.005929	± 2.5	PASS
		VN	10	1.78	0.002128	± 2.5	PASS
		VN	20	-0.56	-0.000669	± 2.5	PASS
		VN	30	3.7	0.004423	± 2.5	PASS
		VN	40	2.54	0.003036	± 2.5	PASS
		VN	50	4.21	0.005033	± 2.5	PASS
	HCH	VN	-30	2.94	0.003469	± 2.5	PASS
		VN	-20	1.75	0.002065	± 2.5	PASS
		VN	-10	2.7	0.003186	± 2.5	PASS
		VN	0	-0.58	-0.000684	± 2.5	PASS
		VN	10	0.13	0.000153	± 2.5	PASS
		VN	20	0.77	0.000909	± 2.5	PASS
		VN	30	0.06	0.000071	± 2.5	PASS
		VN	40	1.77	0.002088	± 2.5	PASS
		VN	50	3.8	0.004484	± 2.5	PASS
16QAM	LCH	VN	-30	-1.42	-0.001698	± 2.5	PASS
		VN	-20	2.43	0.002905	± 2.5	PASS
		VN	-10	1.51	0.001805	± 2.5	PASS
		VN	0	0.81	0.000968	± 2.5	PASS
		VN	10	4.7	0.005619	± 2.5	PASS
		VN	20	0.7	0.000837	± 2.5	PASS
		VN	30	-1.5	-0.001793	± 2.5	PASS
		VN	40	-1.63	-0.001949	± 2.5	PASS
		VN	50	-0.04	-0.000048	± 2.5	PASS
	MCH	VN	-30	4.99	0.005888	± 2.5	PASS
		VN	-20	-0.9	-0.001062	± 2.5	PASS
		VN	-10	2.79	0.003292	± 2.5	PASS
		VN	0	2.53	0.002985	± 2.5	PASS
		VN	10	-1.39	-0.001640	± 2.5	PASS
		VN	20	4.15	0.004897	± 2.5	PASS
		VN	30	0.27	0.000319	± 2.5	PASS
		VN	40	3.86	0.004555	± 2.5	PASS
		VN	50	0.41	0.000484	± 2.5	PASS
	HCH	VN	-30	0.21	0.000248	± 2.5	PASS
		VN	-20	2.15	0.002537	± 2.5	PASS
		VN	-10	-0.81	-0.000956	± 2.5	PASS
		VN	0	3.88	0.004578	± 2.5	PASS
		VN	10	2.17	0.002560	± 2.5	PASS
		VN	20	-1.54	-0.001817	± 2.5	PASS
		VN	30	2.83	0.003339	± 2.5	PASS

		VN	40	3.43	0.004047	± 2.5	PASS
		VN	50	3.15	0.003717	± 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	1.09	0.001319	± 2.5	PASS
		VN	TN	2.02	0.002444	± 2.5	PASS
		VH	TN	-0.88	-0.001065	± 2.5	PASS
	MCH	VL	TN	3.83	0.004579	± 2.5	PASS
		VN	TN	-0.61	-0.000729	± 2.5	PASS
		VH	TN	2.28	0.002726	± 2.5	PASS
	HCH	VL	TN	0.04	0.000047	± 2.5	PASS
		VN	TN	3.24	0.003828	± 2.5	PASS
		VH	TN	1.74	0.002056	± 2.5	PASS
16QAM	LCH	VL	TN	-1.82	-0.002202	± 2.5	PASS
		VN	TN	3.69	0.004465	± 2.5	PASS
		VH	TN	2.15	0.002601	± 2.5	PASS
	MCH	VL	TN	-1.23	-0.001470	± 2.5	PASS
		VN	TN	-0.95	-0.001136	± 2.5	PASS
		VH	TN	0.28	0.000335	± 2.5	PASS
	HCH	VL	TN	4.18	0.004938	± 2.5	PASS
		VN	TN	3.11	0.003674	± 2.5	PASS
		VH	TN	0.56	0.000662	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-1.18	-0.001428	± 2.5	PASS
		VN	-20	0.32	0.000387	± 2.5	PASS
		VN	-10	0.86	0.001041	± 2.5	PASS
		VN	0	2.89	0.003497	± 2.5	PASS
		VN	10	1.41	0.001706	± 2.5	PASS
		VN	20	3.7	0.004477	± 2.5	PASS
		VN	30	0.71	0.000859	± 2.5	PASS
		VN	40	2.01	0.002432	± 2.5	PASS
		VN	50	-1.93	-0.002335	± 2.5	PASS
	MCH	VN	-30	-0.99	-0.001184	± 2.5	PASS
		VN	-20	2.6	0.003108	± 2.5	PASS
		VN	-10	2.65	0.003168	± 2.5	PASS

		VN	0	4.95	0.005918	± 2.5	PASS
		VN	10	4.59	0.005487	± 2.5	PASS
		VN	20	-1.33	-0.001590	± 2.5	PASS
		VN	30	3.99	0.004770	± 2.5	PASS
		VN	40	3.39	0.004053	± 2.5	PASS
		VN	50	-1.67	-0.001996	± 2.5	PASS
	HCH	VN	-30	-1.38	-0.001630	± 2.5	PASS
		VN	-20	2.1	0.002481	± 2.5	PASS
		VN	-10	-0.28	-0.000331	± 2.5	PASS
		VN	0	1.23	0.001453	± 2.5	PASS
		VN	10	2.4	0.002835	± 2.5	PASS
		VN	20	0.35	0.000413	± 2.5	PASS
		VN	30	4.76	0.005623	± 2.5	PASS
		VN	40	0.8	0.000945	± 2.5	PASS
		VN	50	1.94	0.002292	± 2.5	PASS
16QAM	LCH	VN	-30	1.5	0.001793	± 2.5	PASS
		VN	-20	-1.41	-0.001686	± 2.5	PASS
		VN	-10	4.68	0.005595	± 2.5	PASS
		VN	0	0.98	0.001172	± 2.5	PASS
		VN	10	-1.8	-0.002152	± 2.5	PASS
		VN	20	-1.71	-0.002044	± 2.5	PASS
		VN	30	4.03	0.004818	± 2.5	PASS
		VN	40	-0.15	-0.000179	± 2.5	PASS
		VN	50	-1.77	-0.002116	± 2.5	PASS
	MCH	VN	-30	3.17	0.003745	± 2.5	PASS
		VN	-20	-1.14	-0.001347	± 2.5	PASS
		VN	-10	4.38	0.005174	± 2.5	PASS
		VN	0	3.63	0.004288	± 2.5	PASS
		VN	10	4.24	0.005009	± 2.5	PASS
		VN	20	-1.71	-0.002020	± 2.5	PASS
		VN	30	-1.6	-0.001890	± 2.5	PASS
		VN	40	-0.59	-0.000697	± 2.5	PASS
		VN	50	3.24	0.003828	± 2.5	PASS
	HCH	VN	-30	2.32	0.002741	± 2.5	PASS
		VN	-20	-0.12	-0.000142	± 2.5	PASS
		VN	-10	2.07	0.002445	± 2.5	PASS
		VN	0	0.78	0.000921	± 2.5	PASS
		VN	10	1.75	0.002067	± 2.5	PASS
		VN	20	2.89	0.003414	± 2.5	PASS
		VN	30	-1.77	-0.002091	± 2.5	PASS
		VN	40	1.98	0.002339	± 2.5	PASS

		VN	50	-0.95	-0.001122	± 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	-0.29	-0.000350	± 2.5	PASS
		VN	TN	-0.36	-0.000434	± 2.5	PASS
		VH	TN	2.76	0.003329	± 2.5	PASS
	MCH	VL	TN	-1.48	-0.001769	± 2.5	PASS
		VN	TN	-1.3	-0.001554	± 2.5	PASS
		VH	TN	-0.18	-0.000215	± 2.5	PASS
	HCH	VL	TN	0.56	0.000664	± 2.5	PASS
		VN	TN	2.37	0.002808	± 2.5	PASS
		VH	TN	-1.72	-0.002038	± 2.5	PASS
16QAM	LCH	VL	TN	2.94	0.003546	± 2.5	PASS
		VN	TN	2.21	0.002666	± 2.5	PASS
		VH	TN	4.43	0.005344	± 2.5	PASS
	MCH	VL	TN	4.82	0.005762	± 2.5	PASS
		VN	TN	0.24	0.000287	± 2.5	PASS
		VH	TN	-0.99	-0.001184	± 2.5	PASS
	HCH	VL	TN	-0.61	-0.000723	± 2.5	PASS
		VN	TN	3.69	0.004372	± 2.5	PASS
		VH	TN	-1.63	-0.001931	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	3.14	0.003788	± 2.5	PASS
		VN	-20	4.53	0.005464	± 2.5	PASS
		VN	-10	-0.07	-0.000084	± 2.5	PASS
		VN	0	1.41	0.001701	± 2.5	PASS
		VN	10	0.85	0.001025	± 2.5	PASS
		VN	20	3.84	0.004632	± 2.5	PASS
		VN	30	0.97	0.001170	± 2.5	PASS
		VN	40	-0.14	-0.000169	± 2.5	PASS
		VN	50	-1.38	-0.001665	± 2.5	PASS
	MCH	VN	-30	4.65	0.005559	± 2.5	PASS
		VN	-20	2.97	0.003551	± 2.5	PASS
		VN	-10	0.65	0.000777	± 2.5	PASS
		VN	0	1.54	0.001841	± 2.5	PASS

		VN	10	-0.64	-0.000765	± 2.5	PASS
		VN	20	-0.46	-0.000550	± 2.5	PASS
		VN	30	1.1	0.001315	± 2.5	PASS
		VN	40	1.55	0.001853	± 2.5	PASS
		VN	50	-1.41	-0.001686	± 2.5	PASS
	HCH	VN	-30	3.81	0.004514	± 2.5	PASS
		VN	-20	0.73	0.000865	± 2.5	PASS
		VN	-10	1.25	0.001481	± 2.5	PASS
		VN	0	2.49	0.002950	± 2.5	PASS
		VN	10	-0.36	-0.000427	± 2.5	PASS
		VN	20	0.36	0.000427	± 2.5	PASS
		VN	30	0.71	0.000841	± 2.5	PASS
		VN	40	2.75	0.003258	± 2.5	PASS
		VN	50	-0.67	-0.000794	± 2.5	PASS
QPSK	LCH	VN	-30	1.33	0.001590	± 2.5	PASS
		VN	-20	4.72	0.005643	± 2.5	PASS
		VN	-10	1.2	0.001435	± 2.5	PASS
		VN	0	3.96	0.004734	± 2.5	PASS
		VN	10	1.92	0.002295	± 2.5	PASS
		VN	20	2.36	0.002821	± 2.5	PASS
		VN	30	4.11	0.004913	± 2.5	PASS
		VN	40	3.49	0.004172	± 2.5	PASS
		VN	50	4.26	0.005093	± 2.5	PASS
	MCH	VN	-30	0.73	0.000865	± 2.5	PASS
		VN	-20	0.46	0.000545	± 2.5	PASS
		VN	-10	0.41	0.000486	± 2.5	PASS
		VN	0	4.76	0.005640	± 2.5	PASS
		VN	10	-1.69	-0.002002	± 2.5	PASS
		VN	20	-0.07	-0.000083	± 2.5	PASS
		VN	30	0.31	0.000367	± 2.5	PASS
		VN	40	2.71	0.003211	± 2.5	PASS
		VN	50	-0.85	-0.001007	± 2.5	PASS
	HCH	VN	-30	4.33	0.005130	± 2.5	PASS
		VN	-20	4.03	0.004775	± 2.5	PASS
		VN	-10	-1.37	-0.001623	± 2.5	PASS
		VN	0	2.55	0.003021	± 2.5	PASS
		VN	10	3.46	0.004100	± 2.5	PASS
		VN	20	4.43	0.005249	± 2.5	PASS
		VN	30	3.9	0.004621	± 2.5	PASS
		VN	40	2.34	0.002773	± 2.5	PASS
		VN	50	-1.32	-0.001564	± 2.5	PASS

