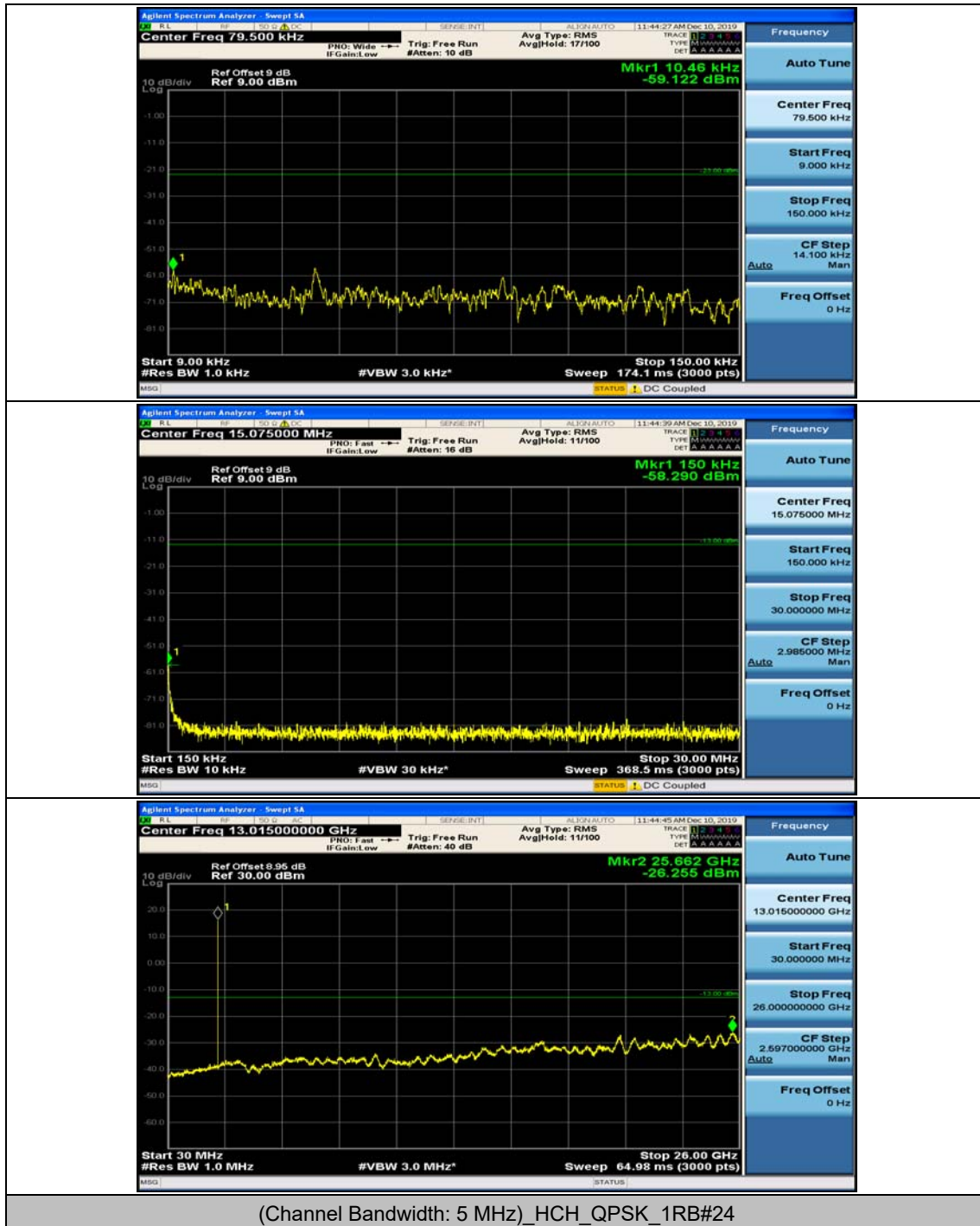
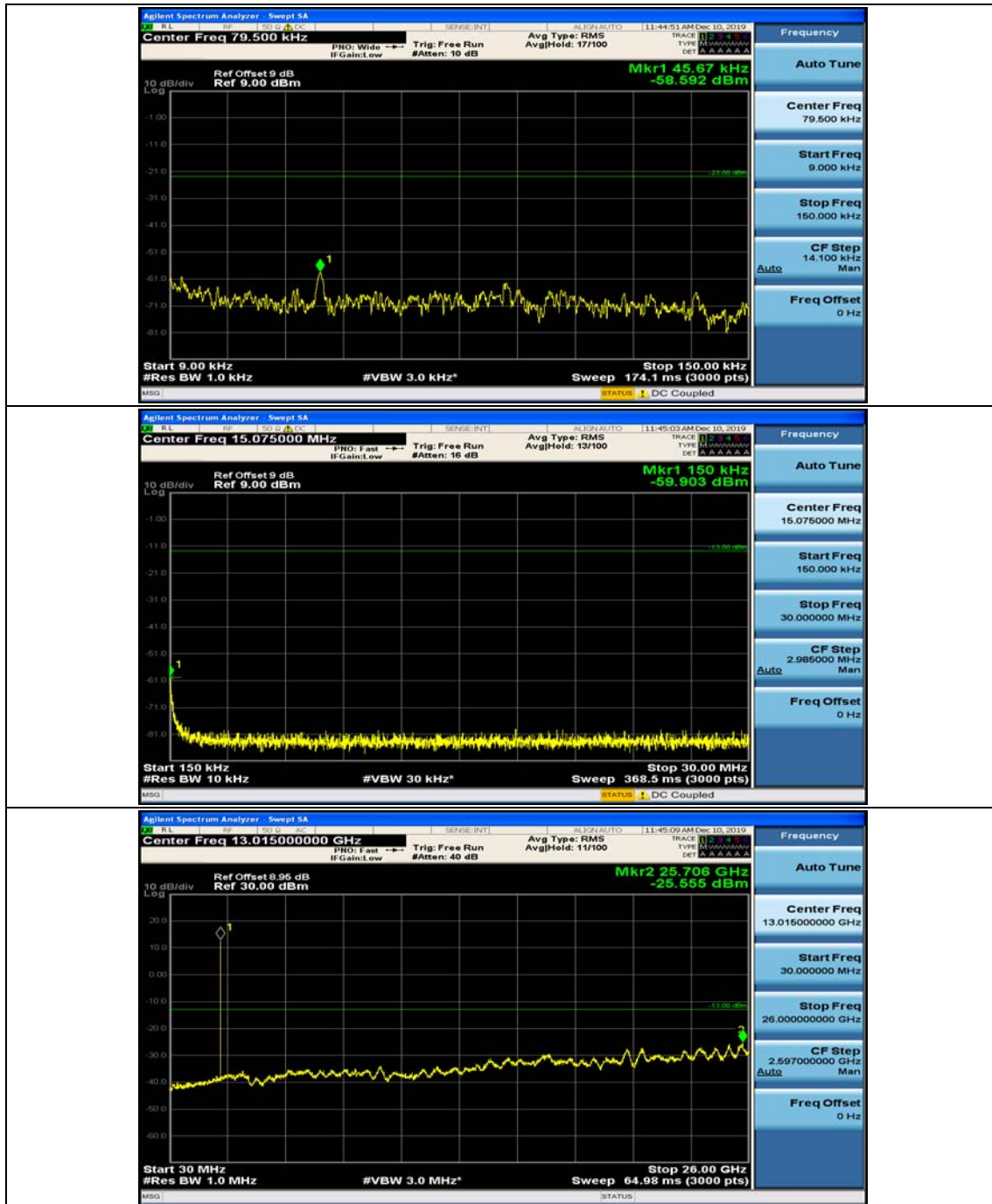
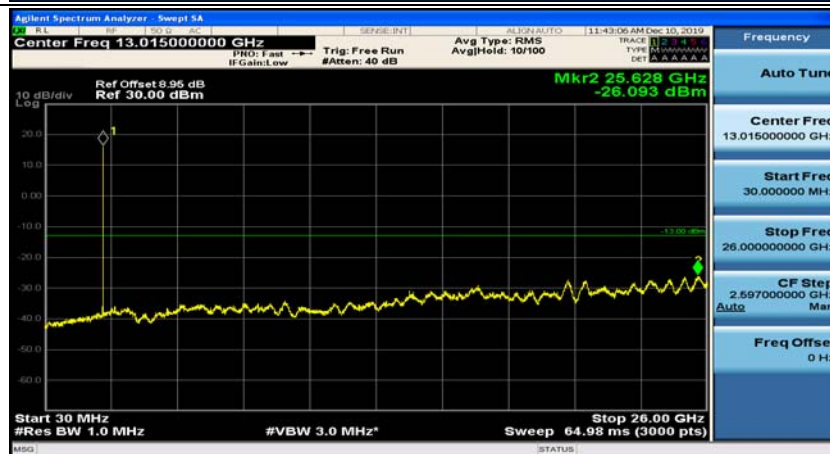
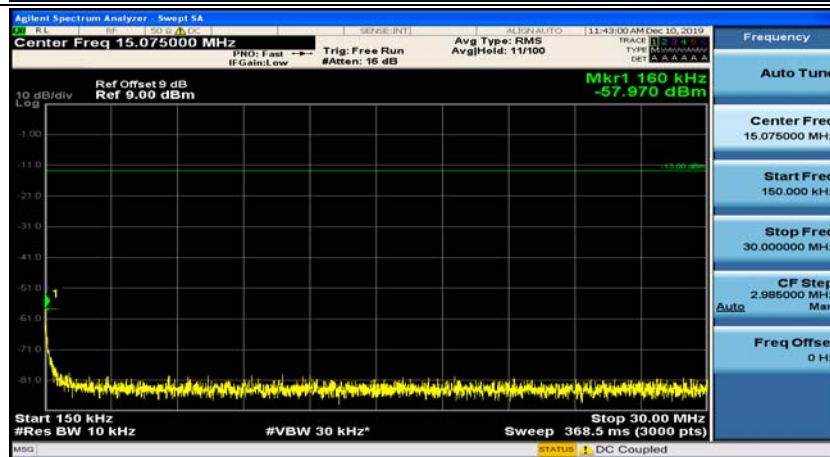
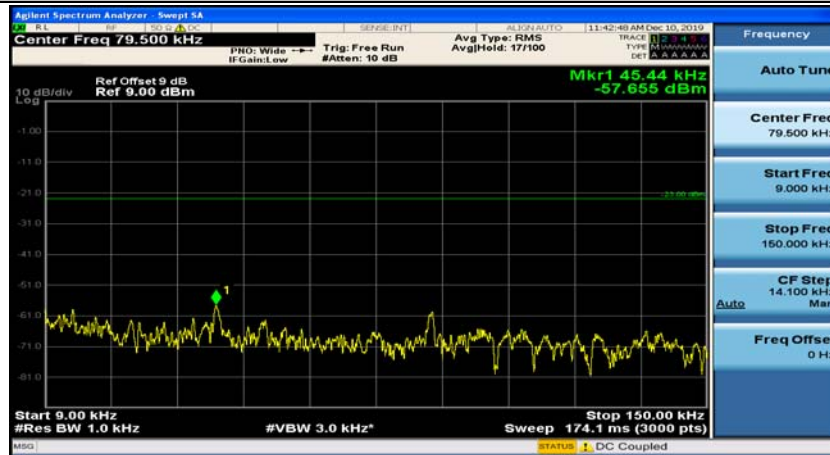


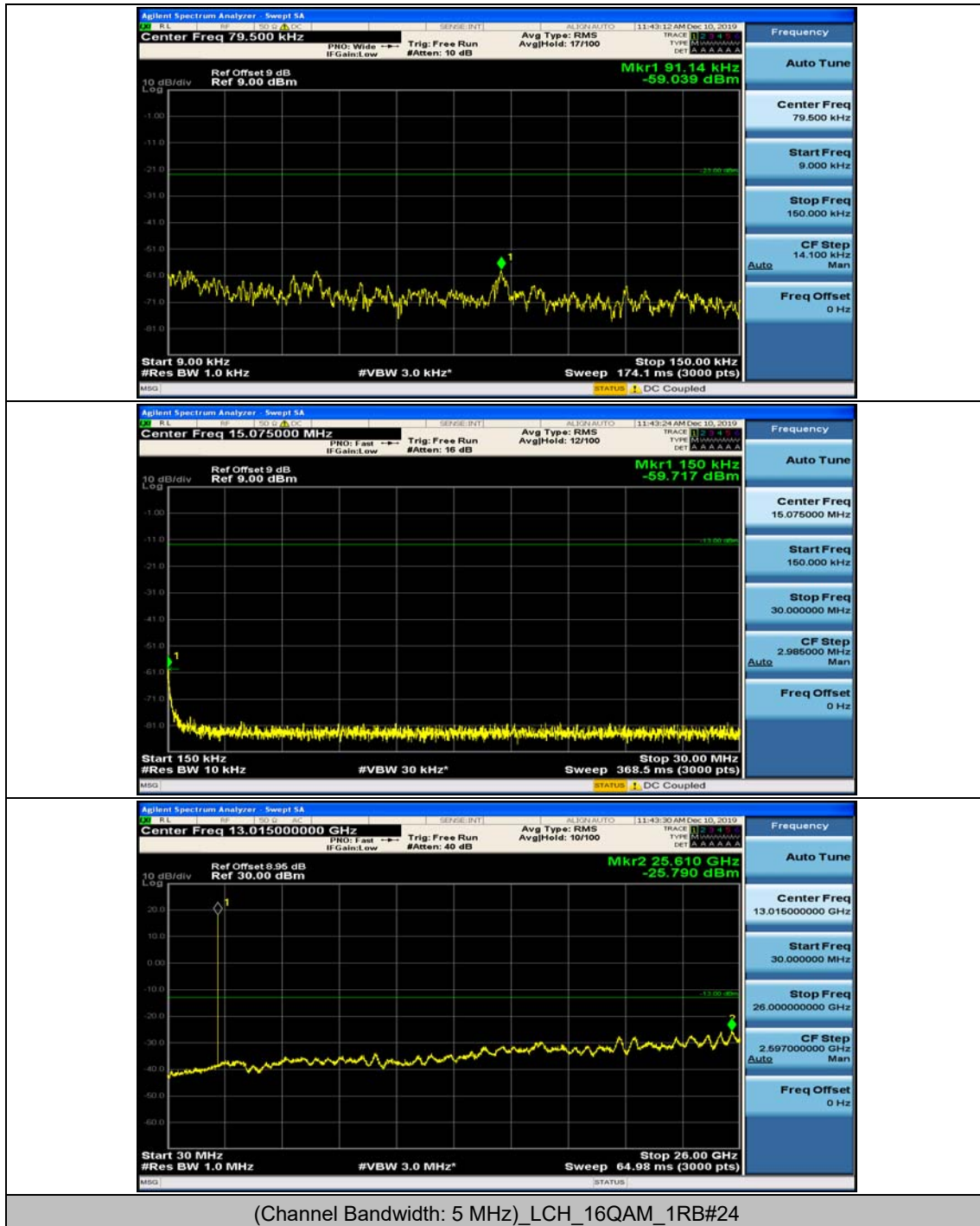


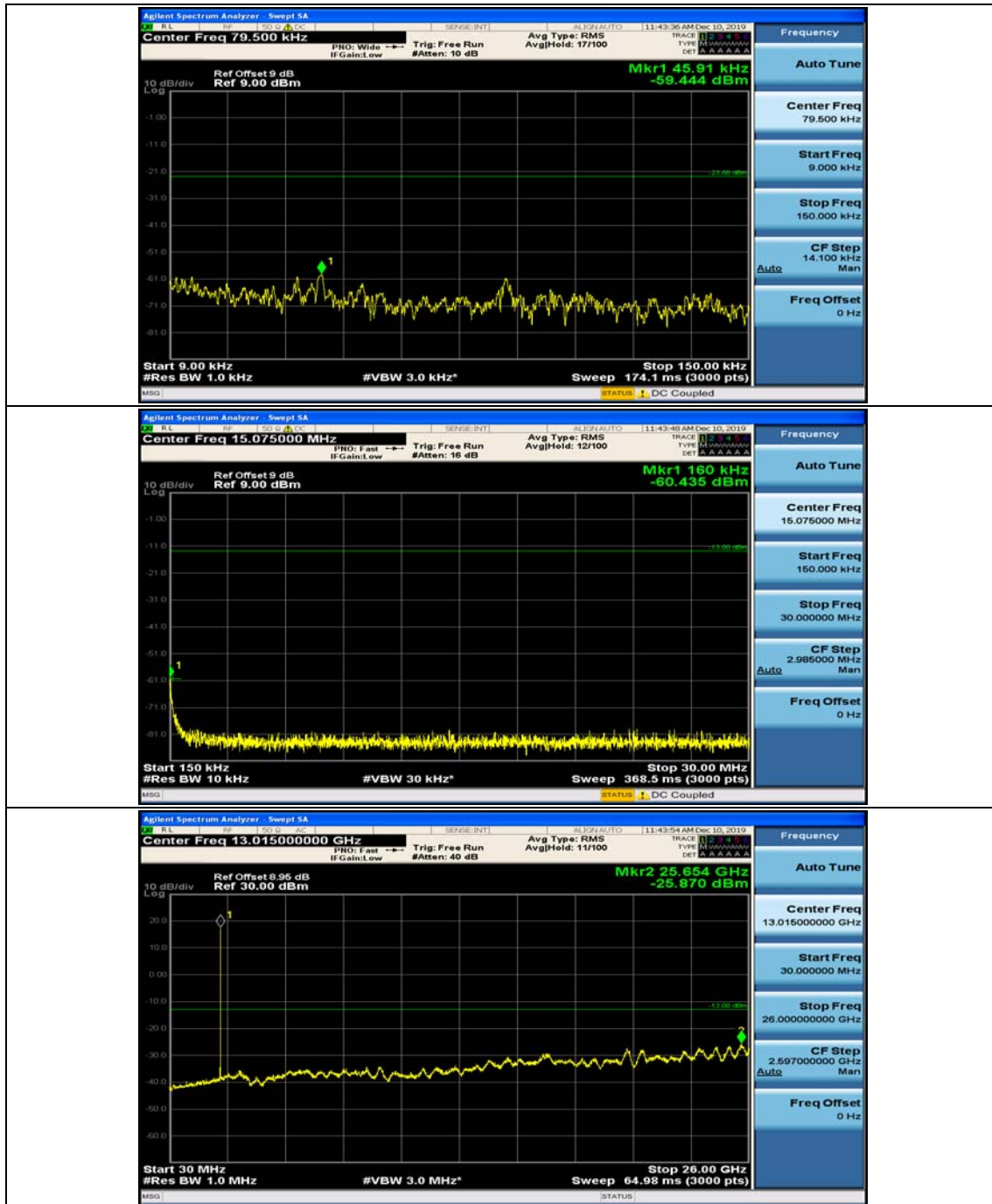


(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0

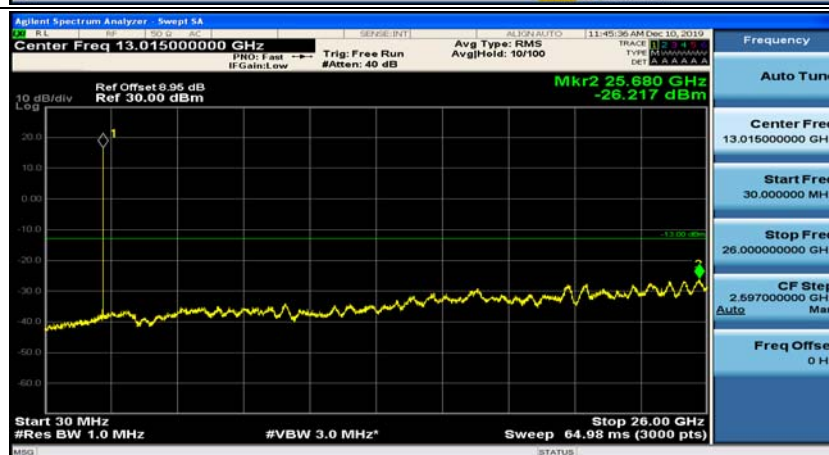
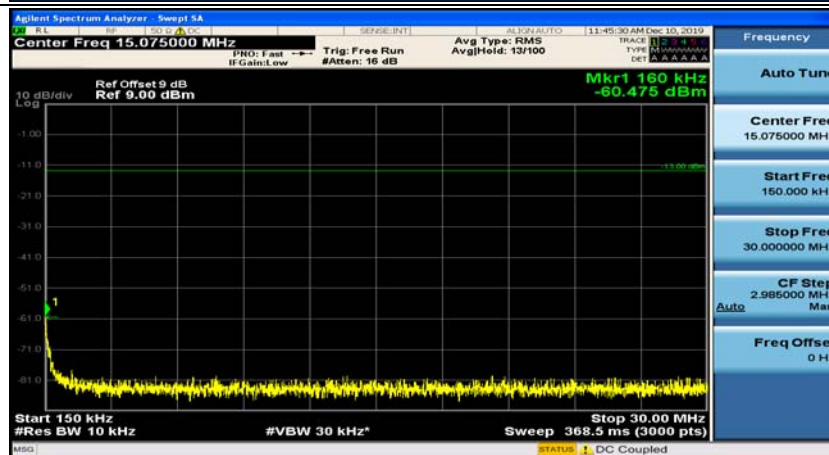


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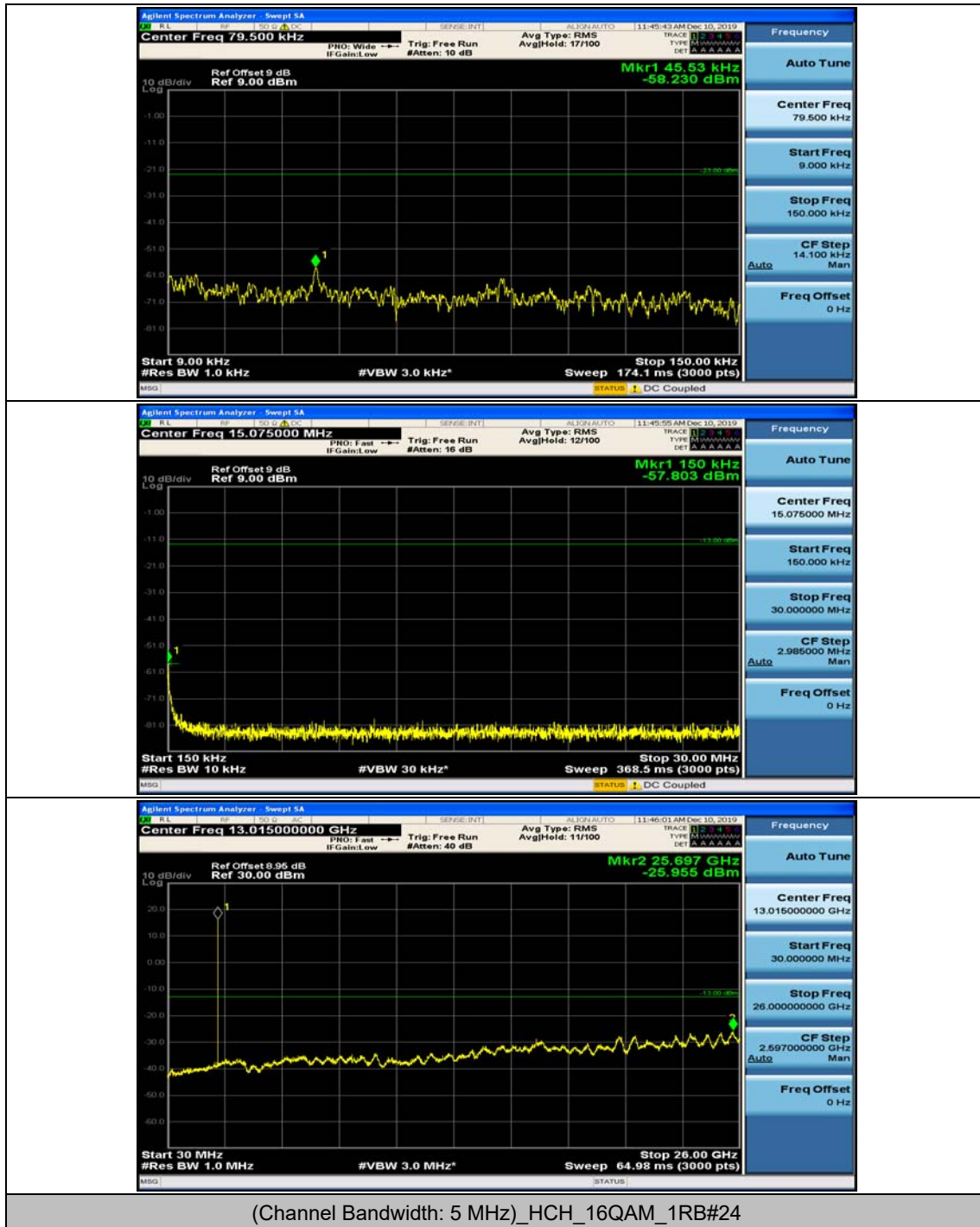


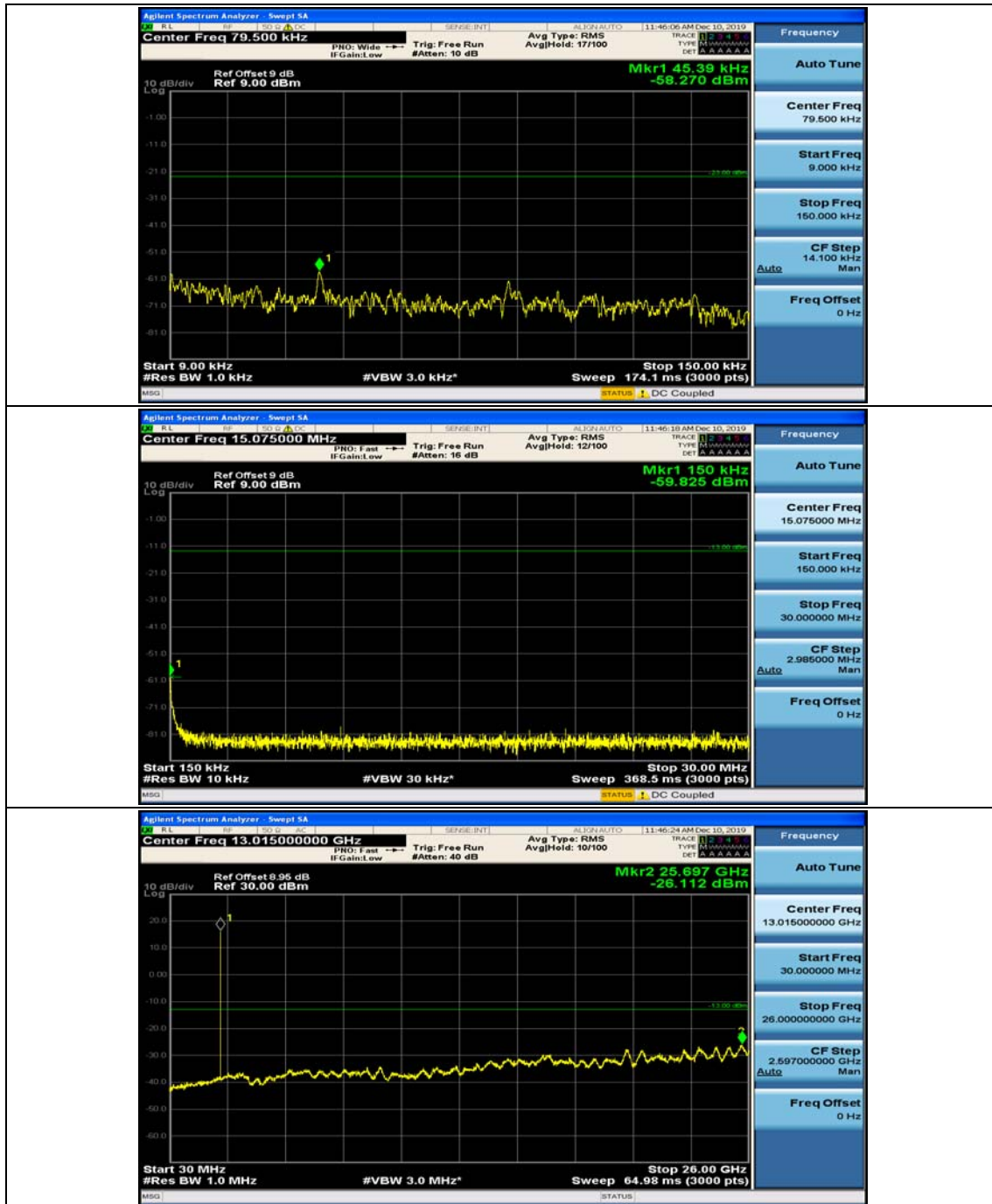


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

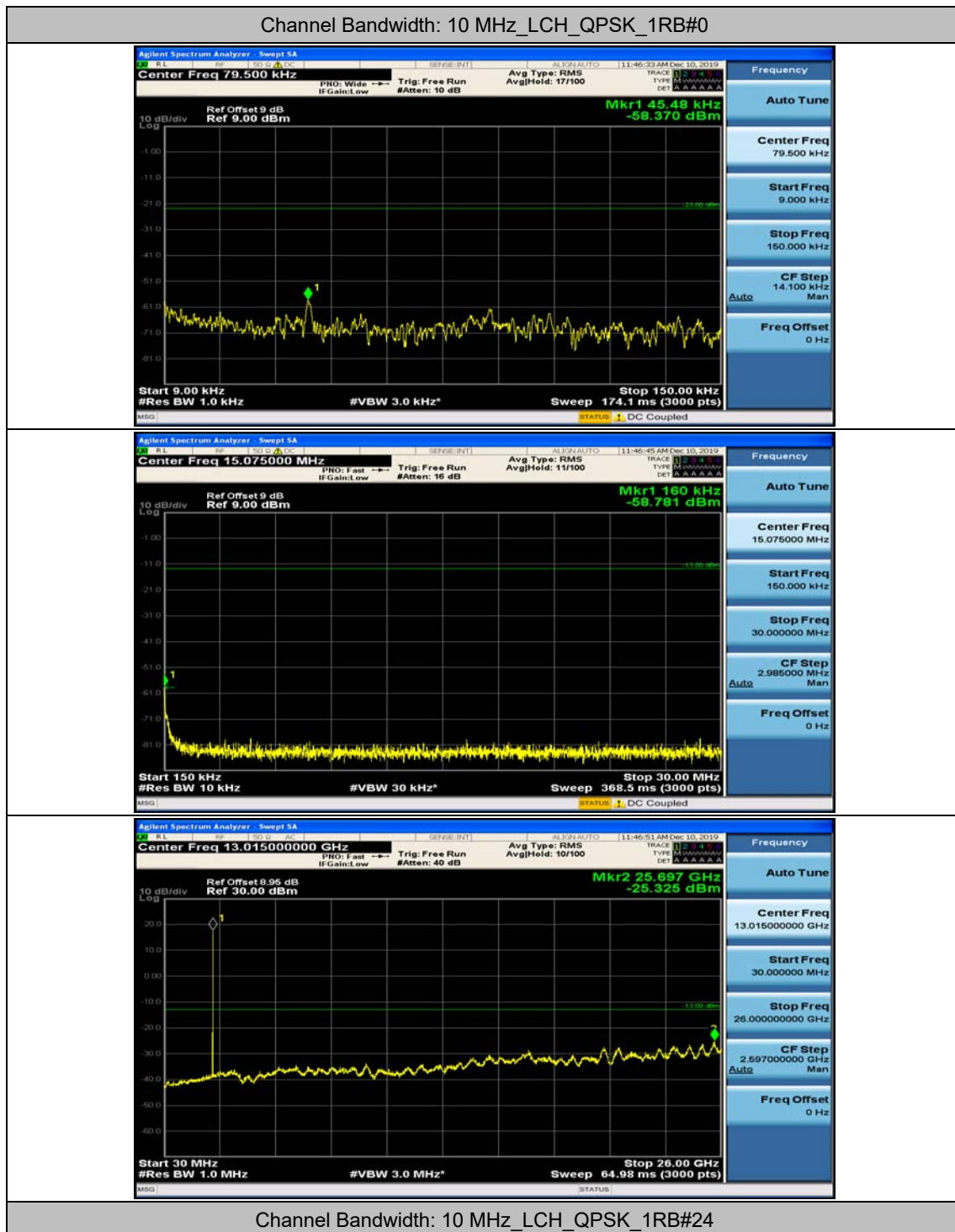


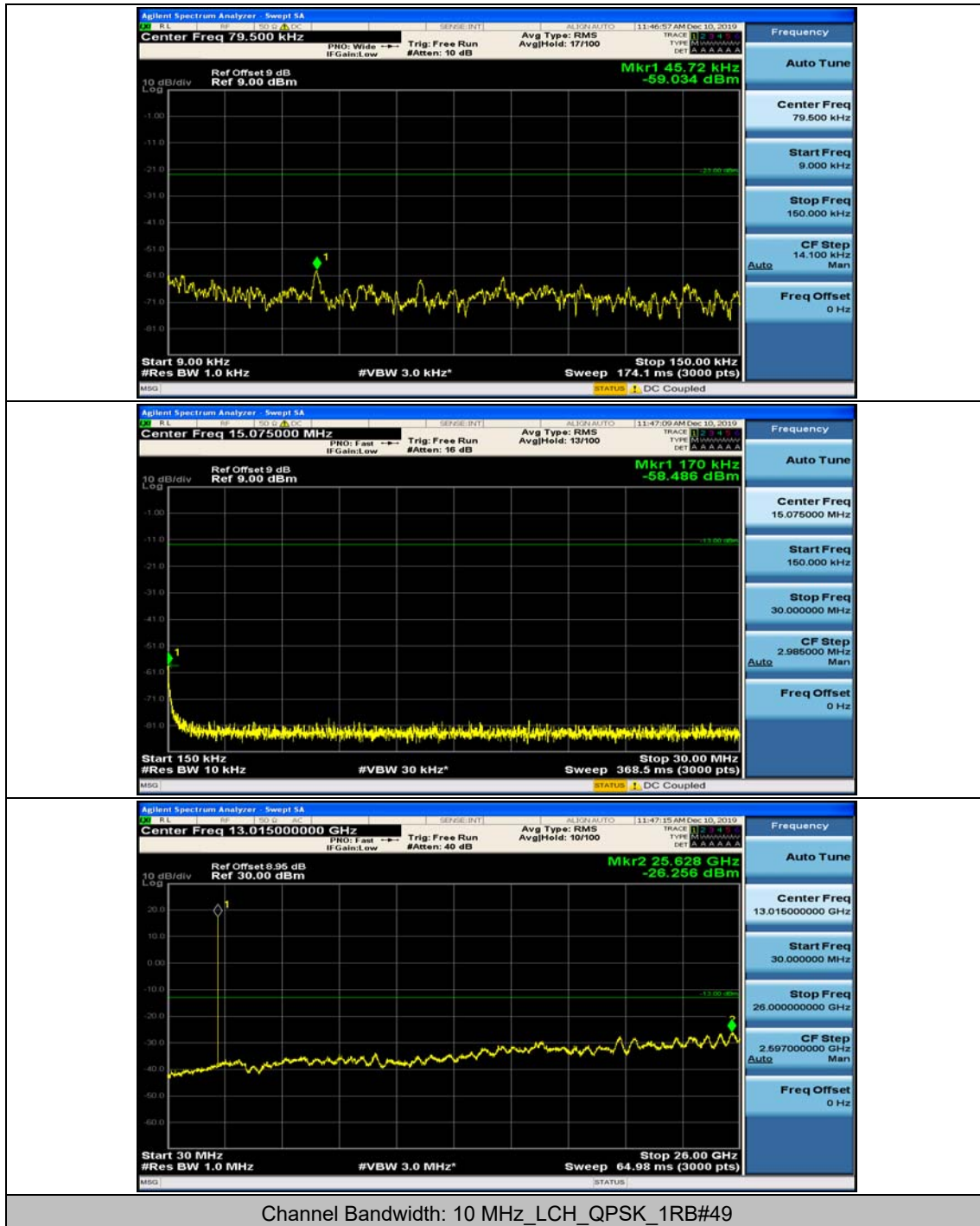
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12

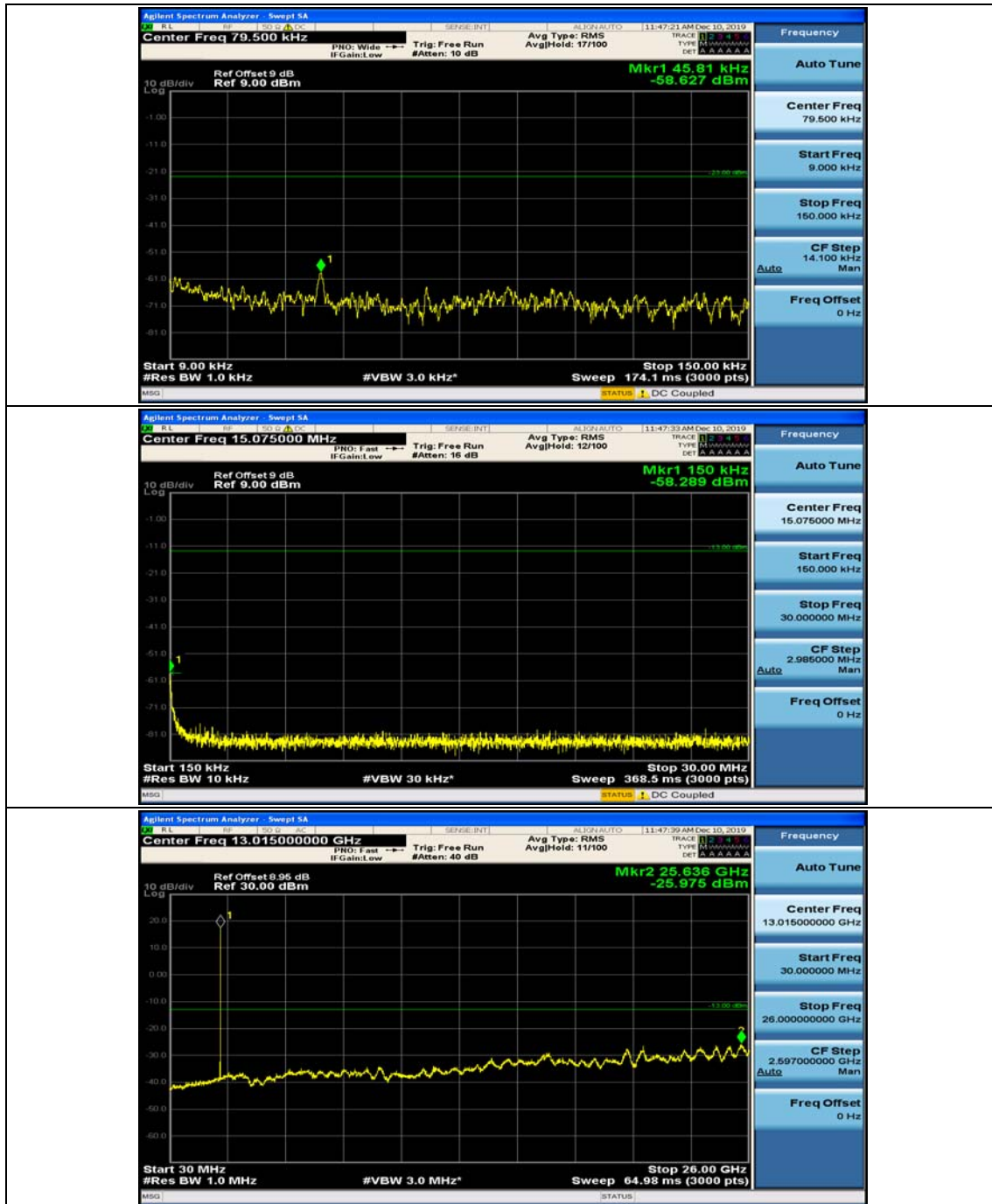




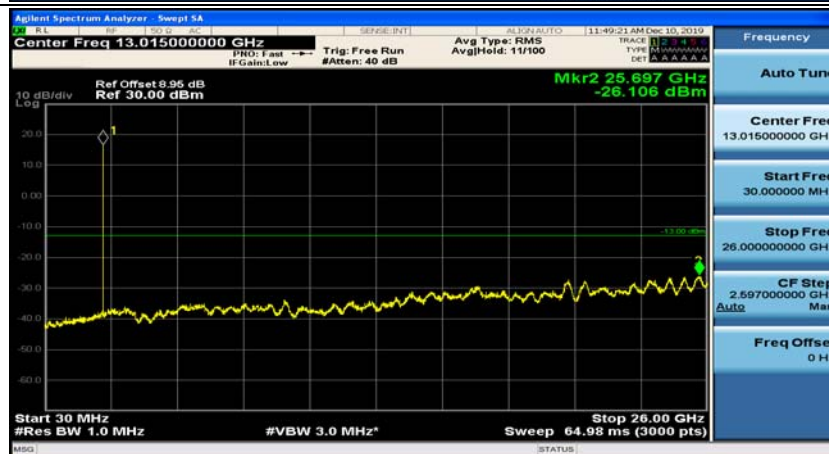
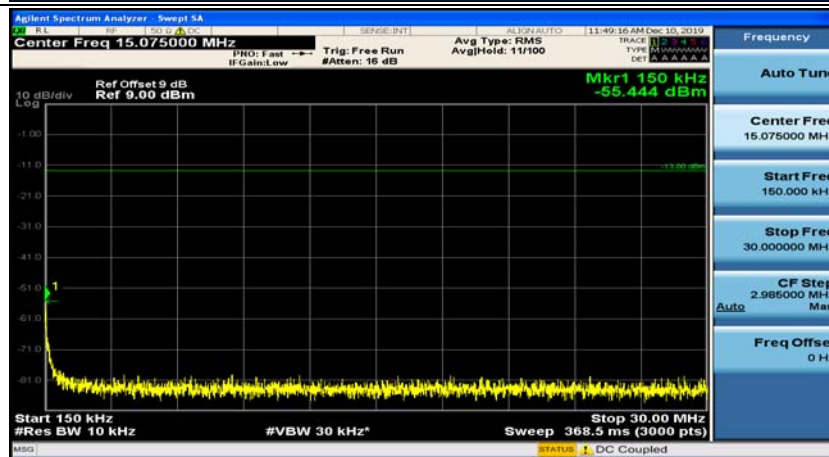
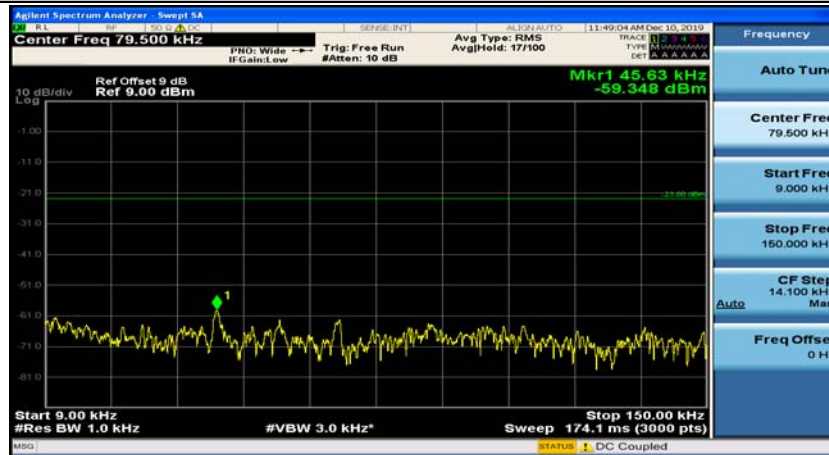
Channel Bandwidth: 10 MHz



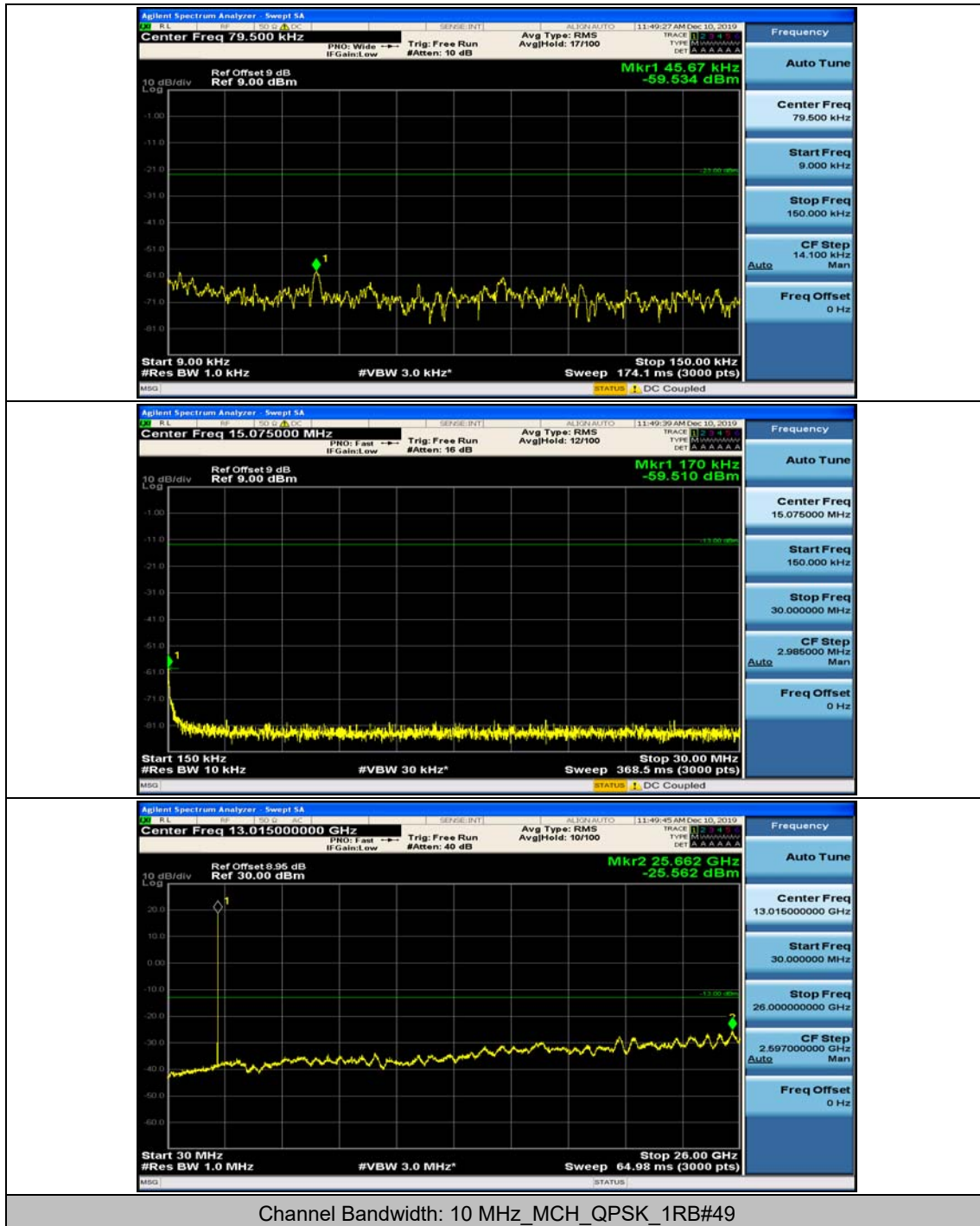


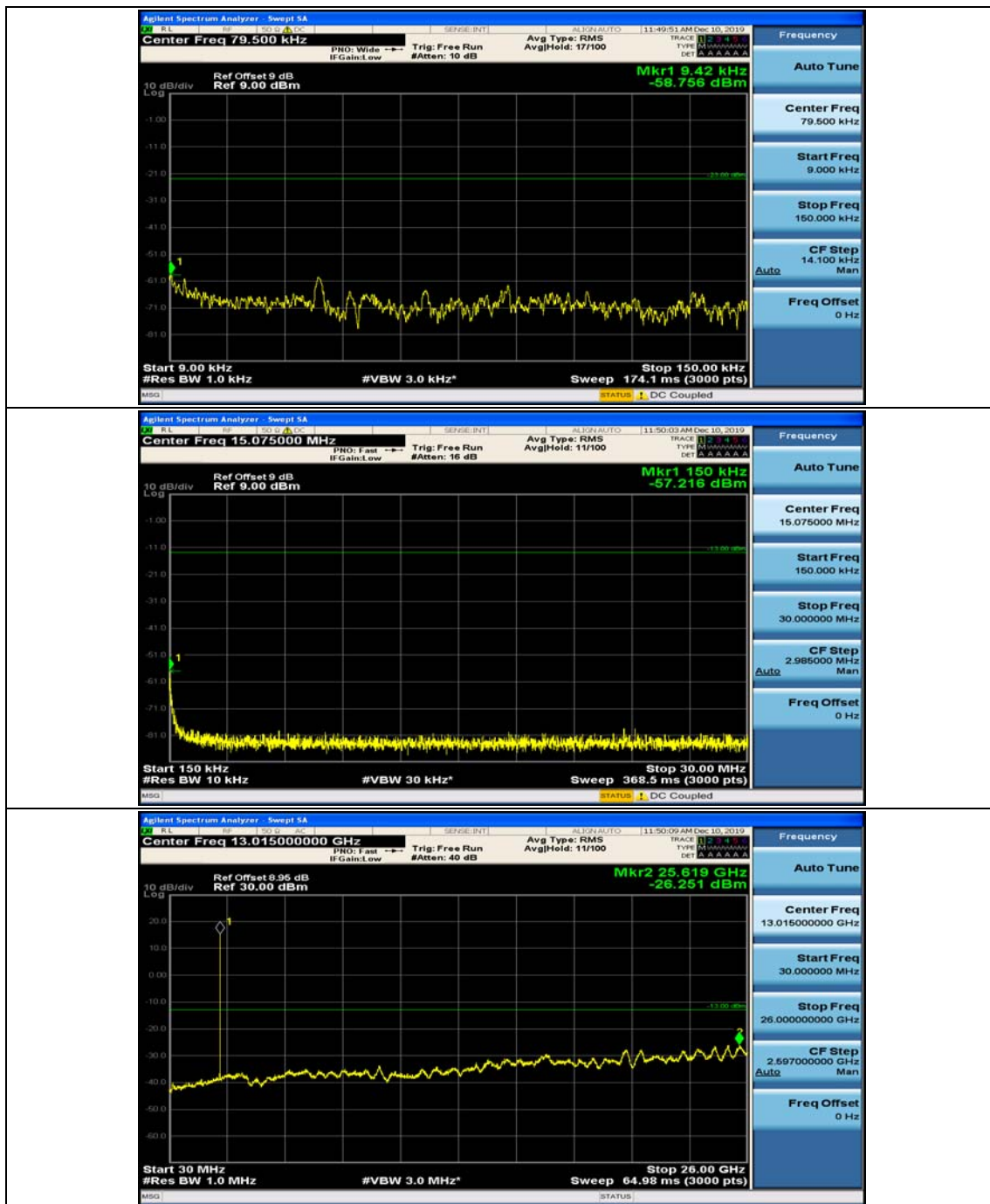


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

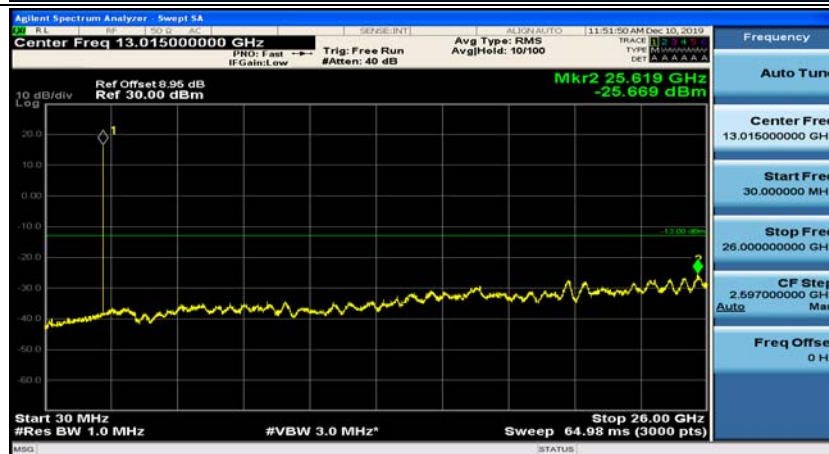
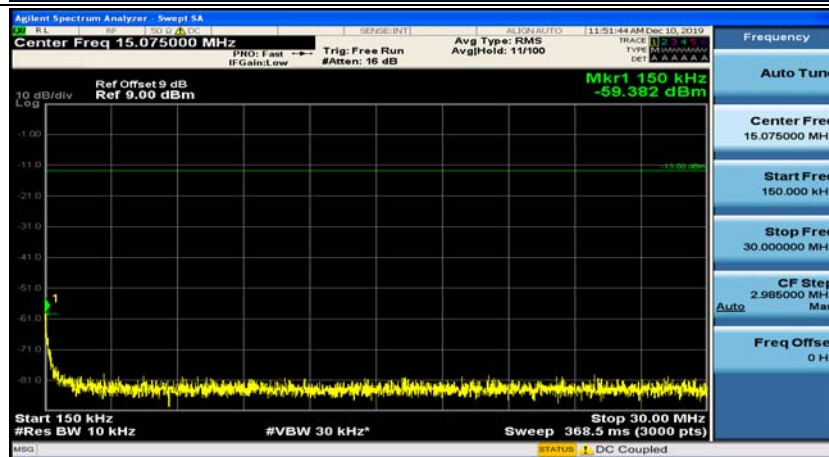
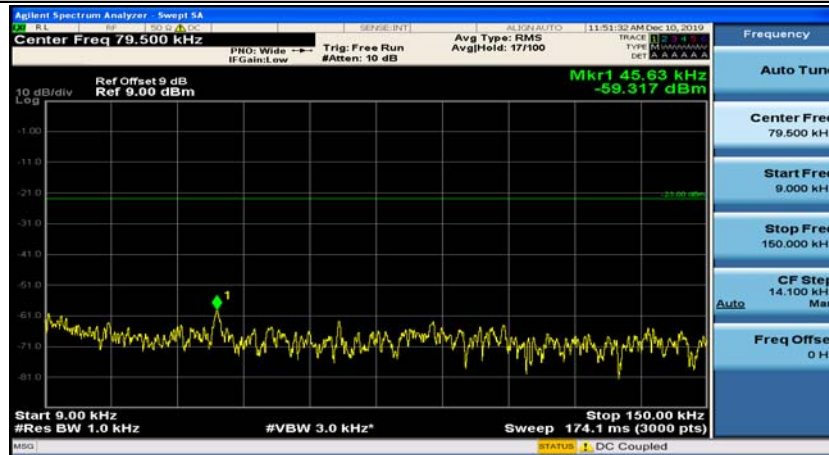


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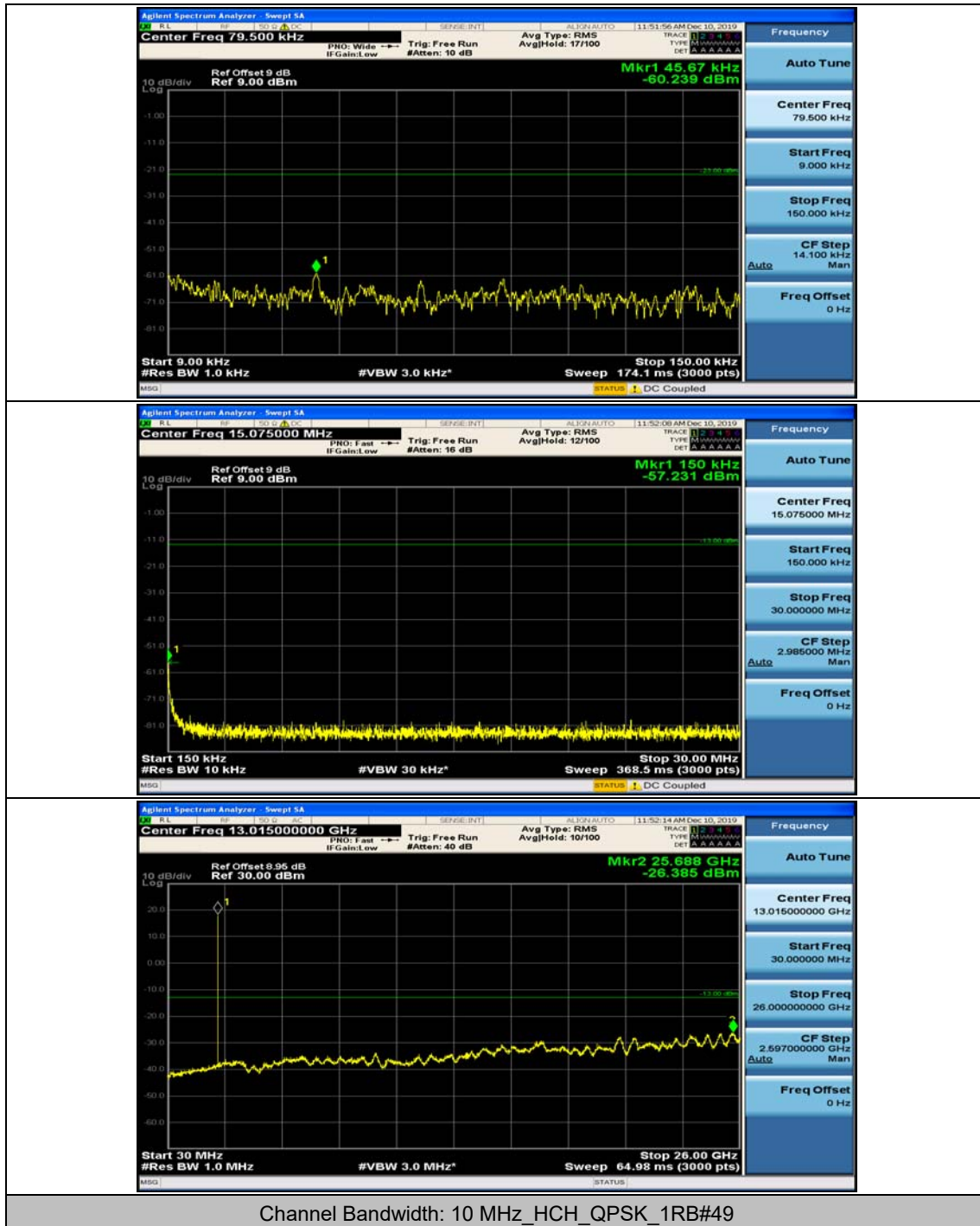


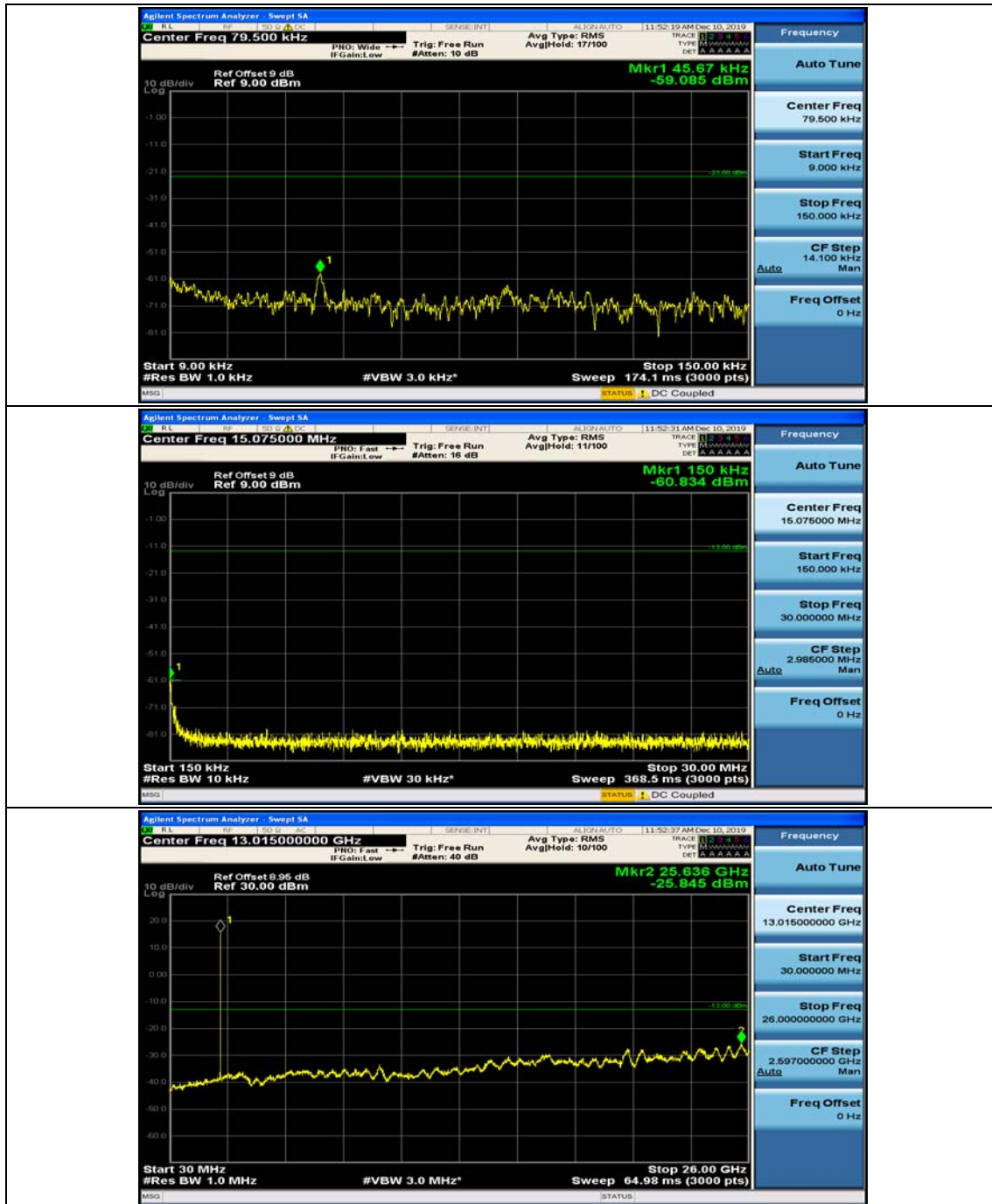


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

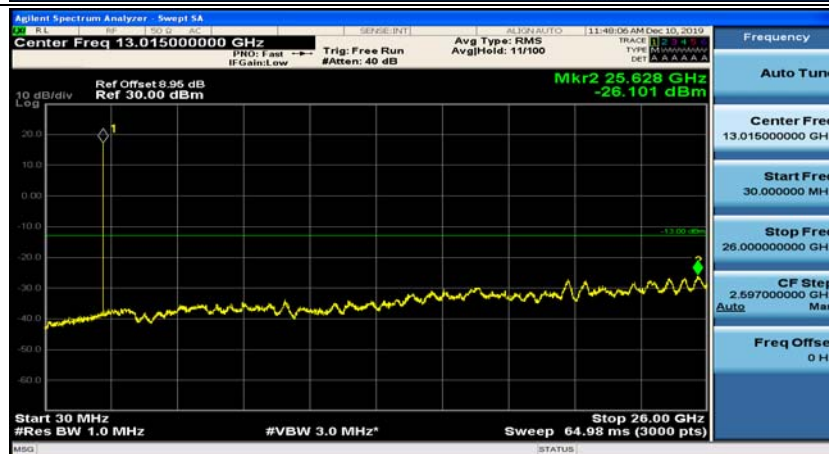
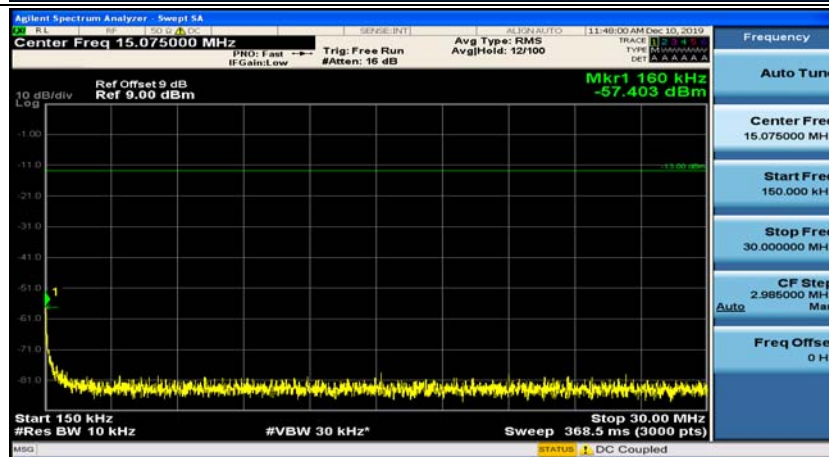
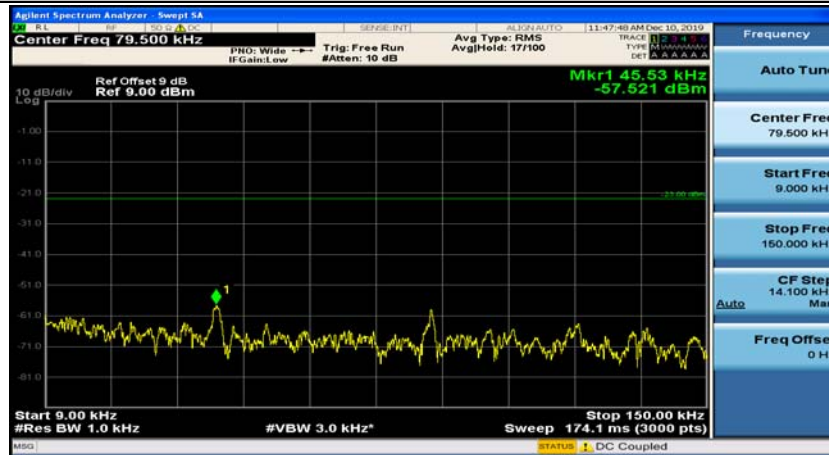


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24

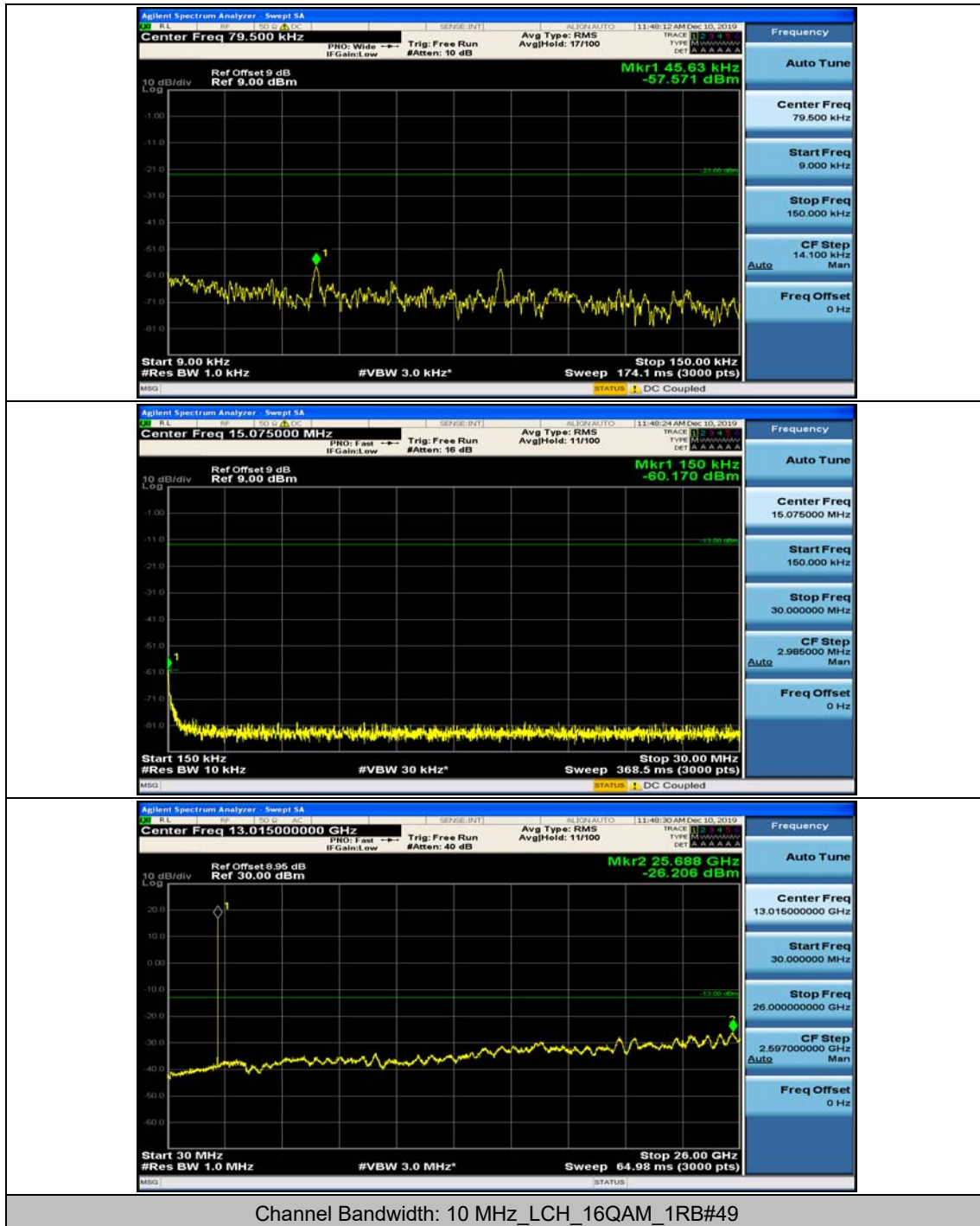


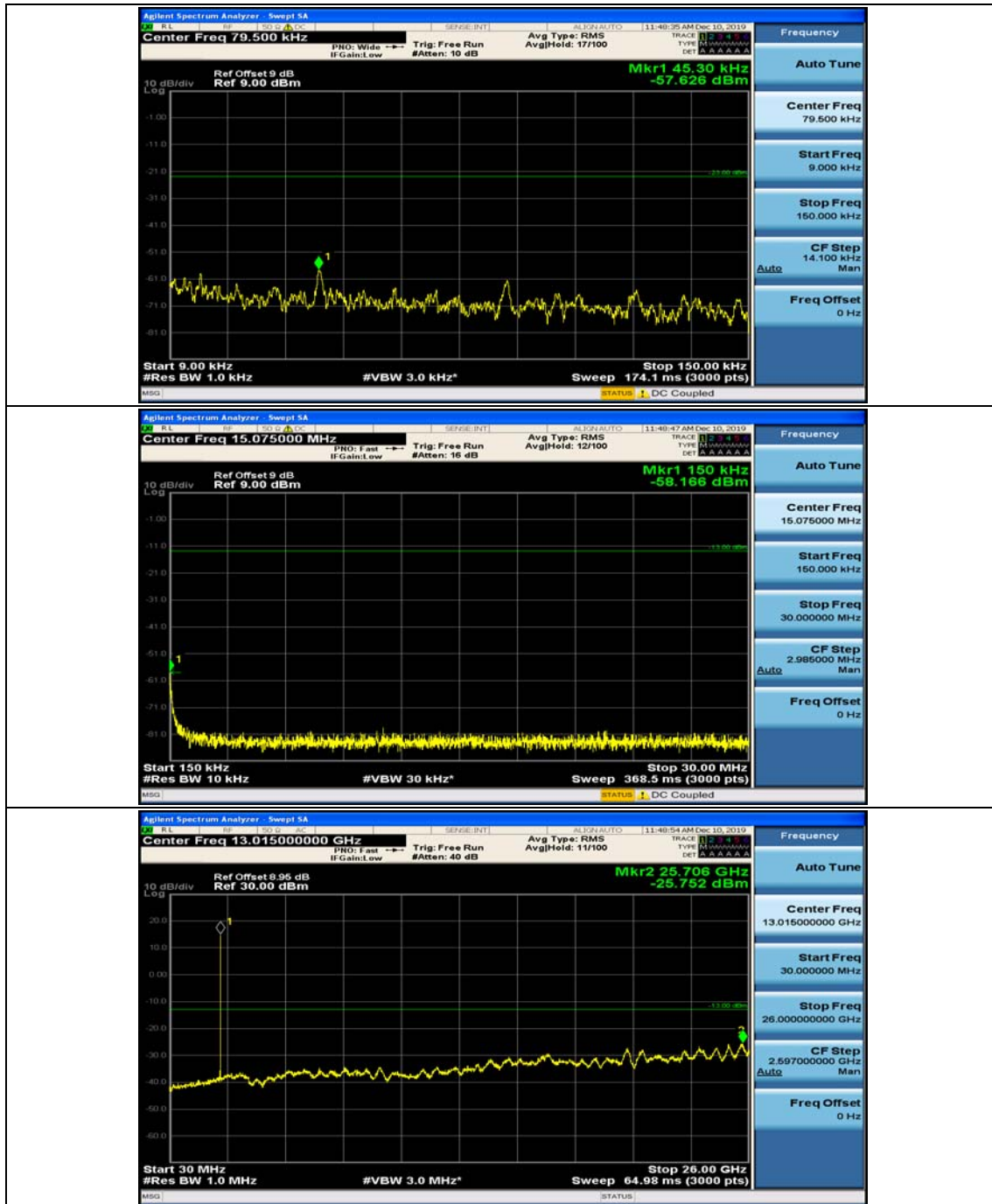


Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0

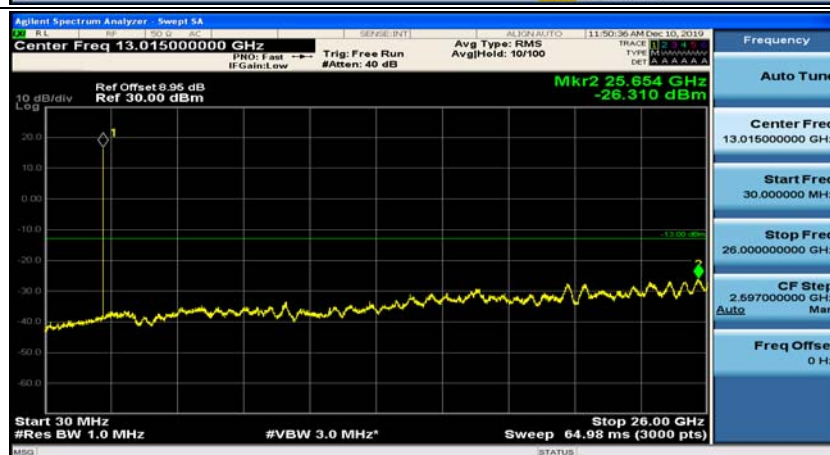
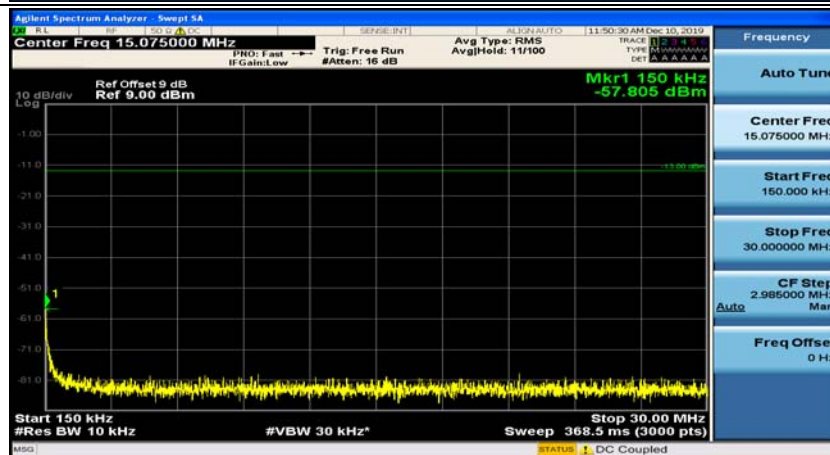
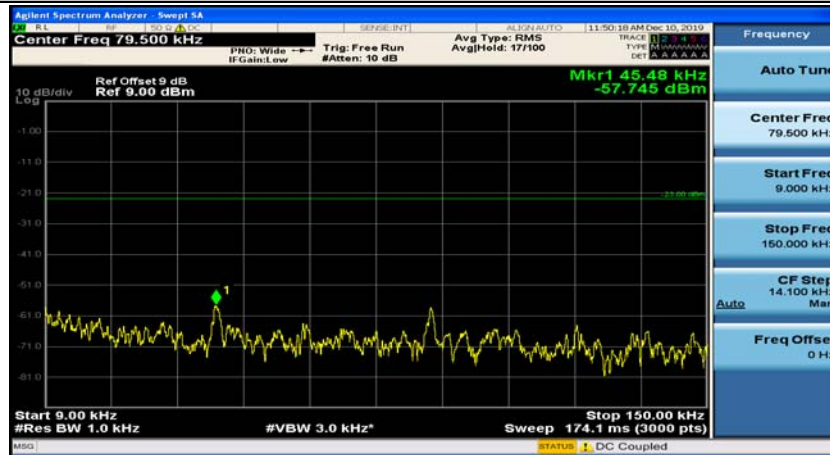


Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24

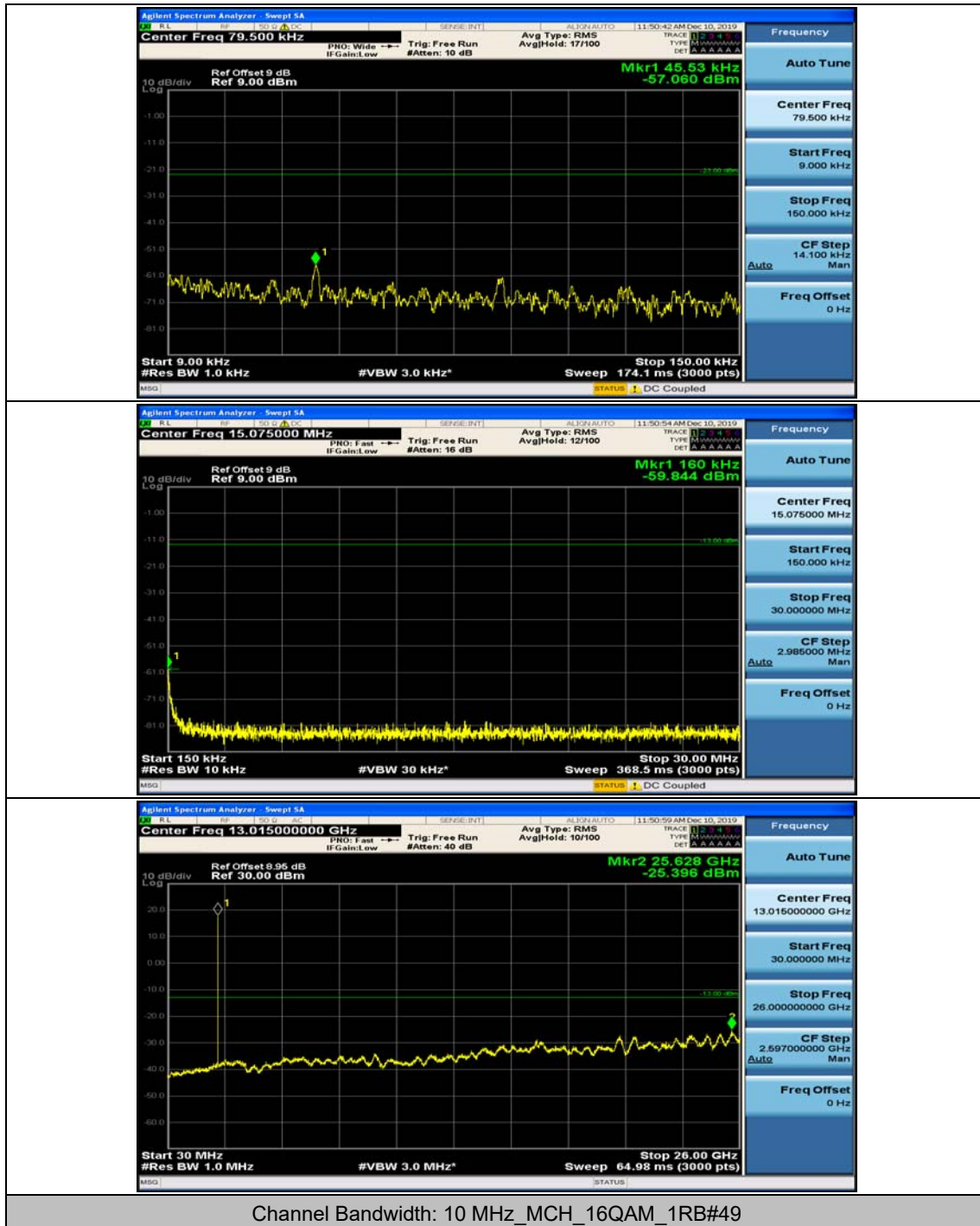


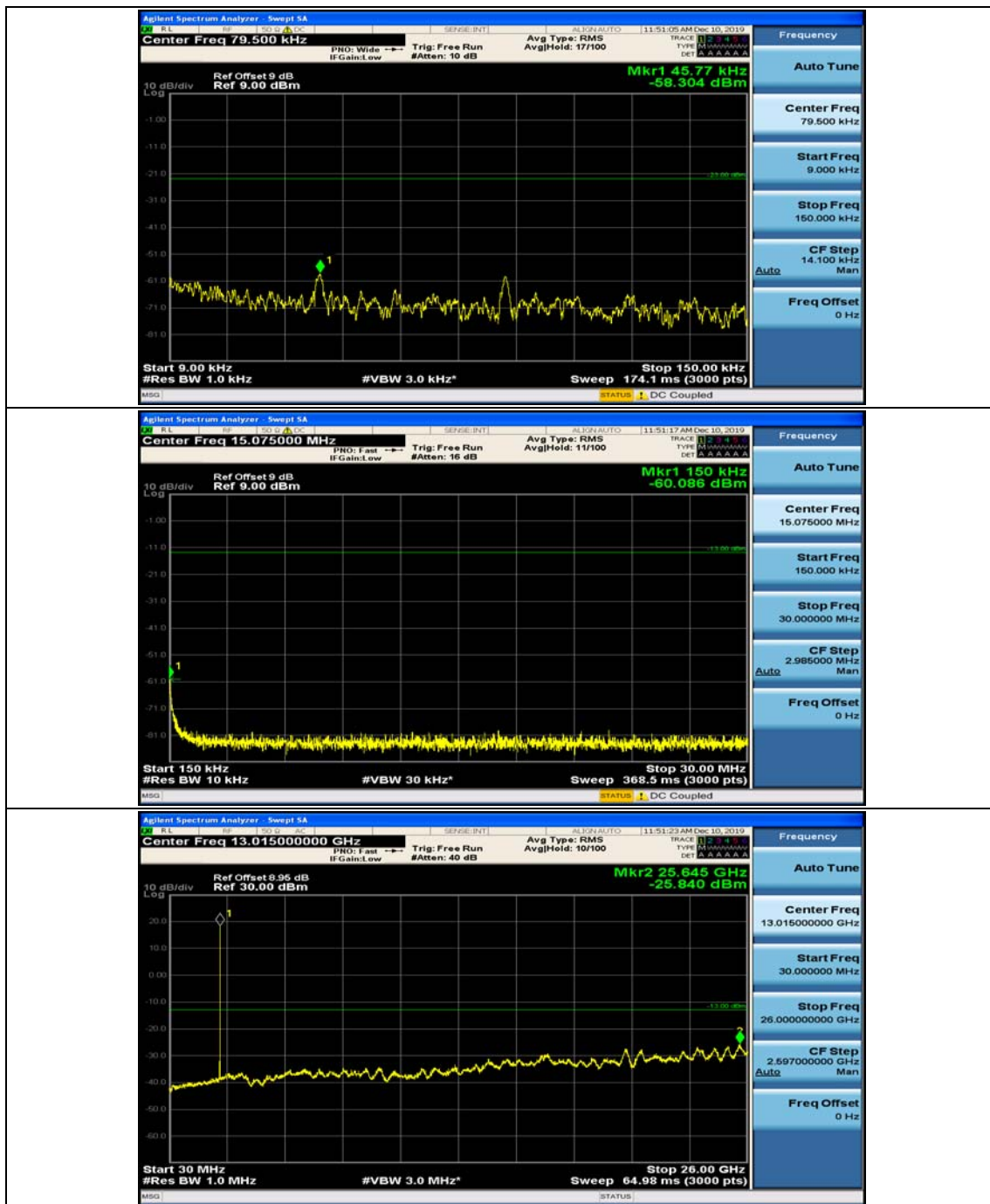


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

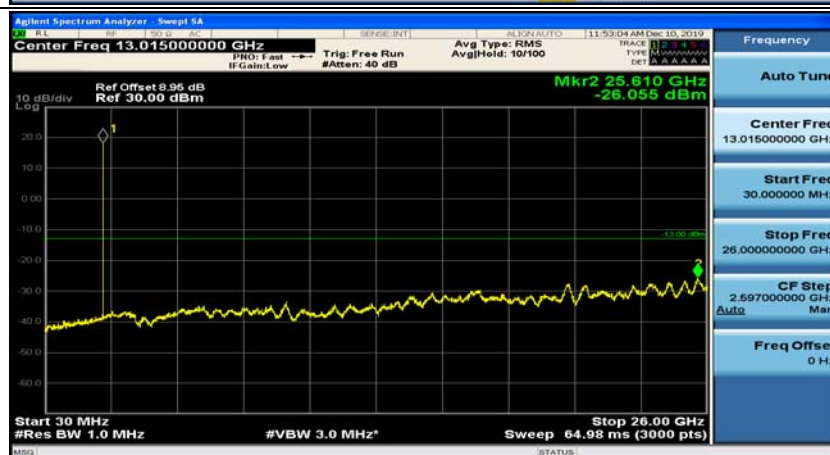
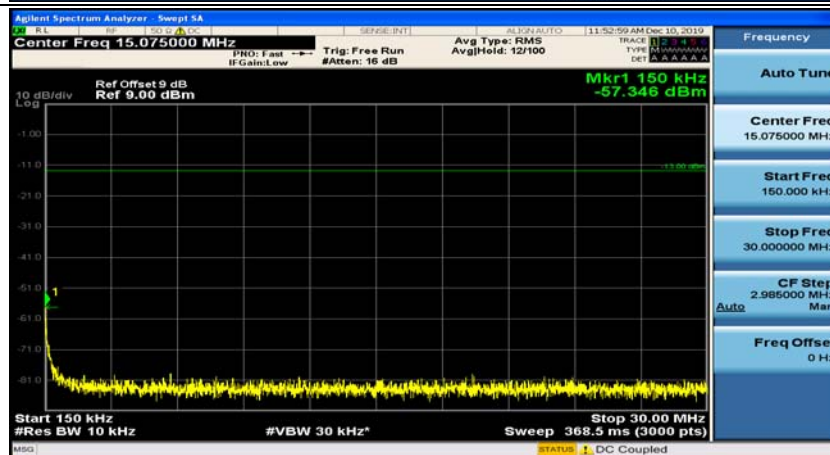
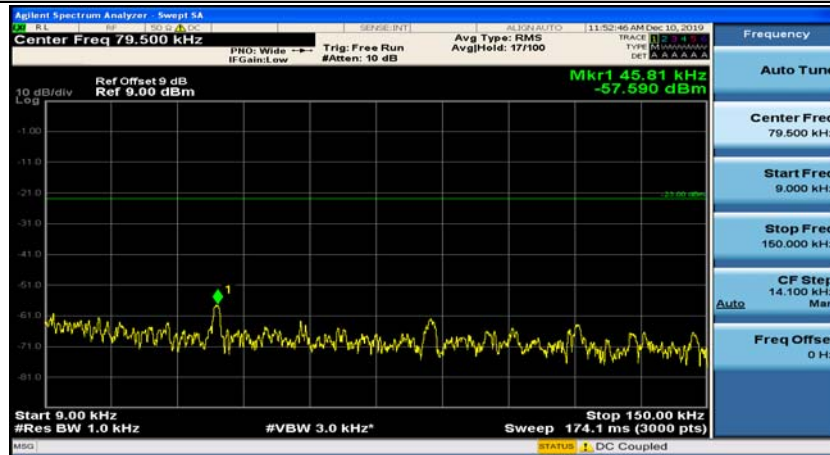


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

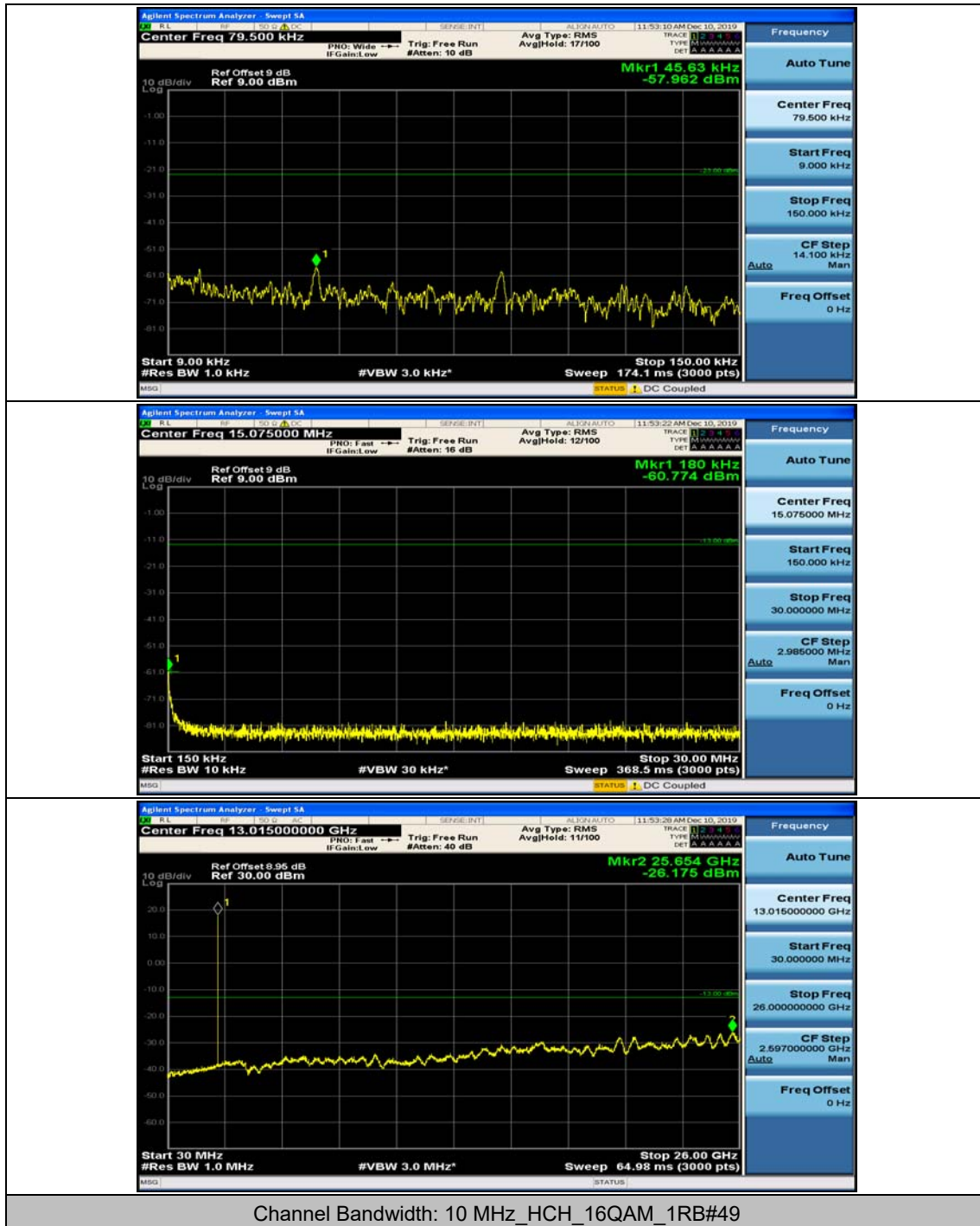


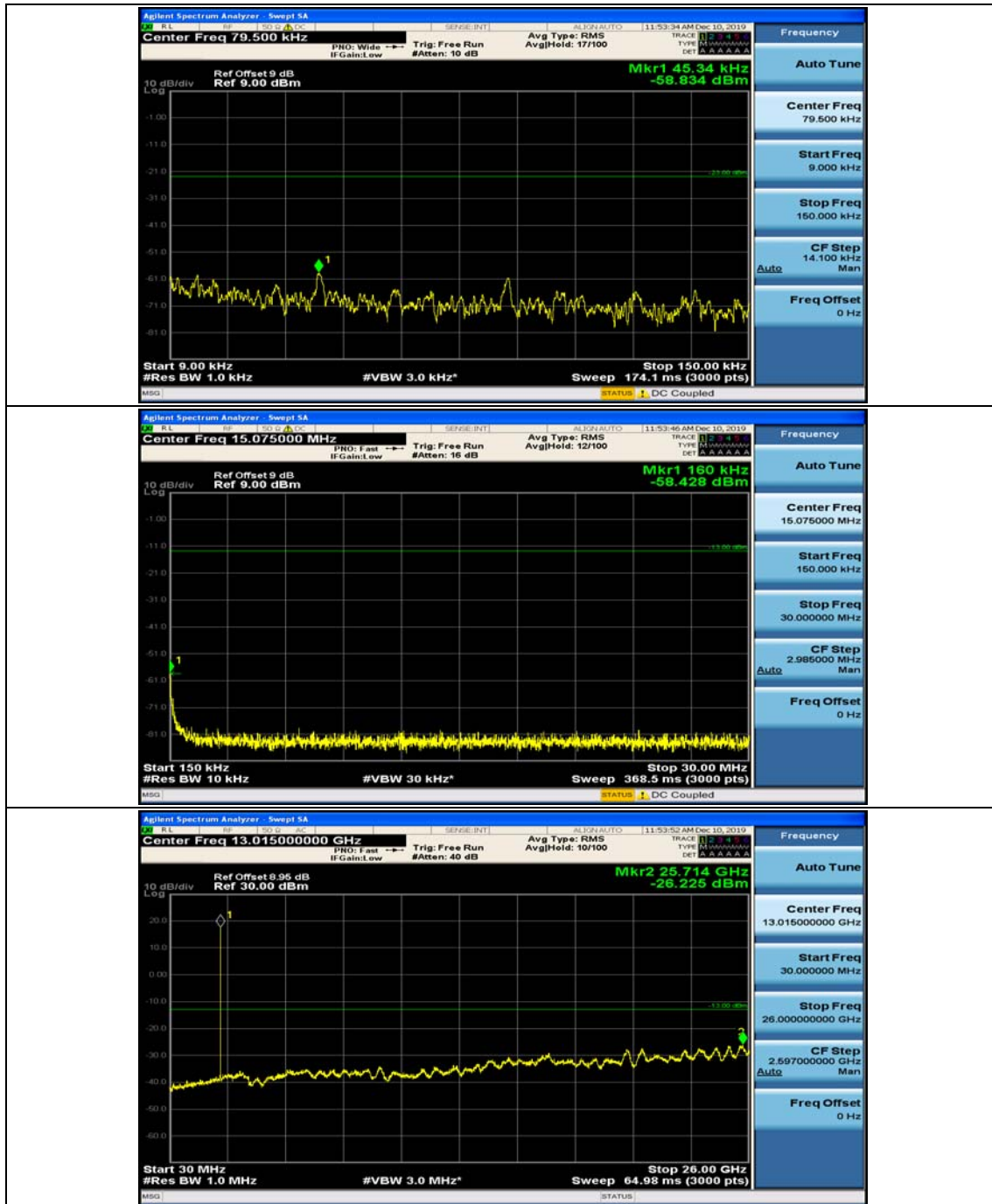


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24





Appendix F: Frequency Stability

Test Result

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	1.88	0.000815	± 2.5	PASS
		VN	TN	4.48	0.001941	± 2.5	PASS
		VH	TN	2.39	0.001036	± 2.5	PASS
	HCH	VL	TN	2.07	0.000895	± 2.5	PASS
		VN	TN	-0.88	-0.000381	± 2.5	PASS
		VH	TN	2.24	0.000969	± 2.5	PASS
16QAM	LCH	VL	TN	1.72	0.000745	± 2.5	PASS
		VN	TN	3.3	0.001430	± 2.5	PASS
		VH	TN	0.52	0.000225	± 2.5	PASS
	HCH	VL	TN	-1.09	-0.000471	± 2.5	PASS
		VN	TN	0.1	0.000043	± 2.5	PASS
		VH	TN	4.52	0.001955	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	0.62	0.000269	± 2.5	PASS
		VN	-20	0.45	0.000195	± 2.5	PASS
		VN	-10	-1.84	-0.000797	± 2.5	PASS
		VN	0	3.91	0.001694	± 2.5	PASS
		VN	10	-0.5	-0.000217	± 2.5	PASS
		VN	20	2.01	0.000871	± 2.5	PASS
		VN	30	-1.15	-0.000498	± 2.5	PASS
		VN	40	1.67	0.000724	± 2.5	PASS
		VN	50	-0.33	-0.000143	± 2.5	PASS
	HCH	VN	-30	-1.24	-0.000536	± 2.5	PASS
		VN	-20	-0.32	-0.000138	± 2.5	PASS
		VN	-10	1.15	0.000497	± 2.5	PASS
		VN	0	-1.47	-0.000636	± 2.5	PASS
		VN	10	-0.89	-0.000385	± 2.5	PASS
		VN	20	2.99	0.001293	± 2.5	PASS
		VN	30	2.44	0.001055	± 2.5	PASS
VN	40	2.83	0.001224	± 2.5	PASS		

		VN	50	3.22	0.001392	± 2.5	PASS
16QAM	LCH	VN	-30	-0.62	-0.000269	± 2.5	PASS
		VN	-20	-0.12	-0.000052	± 2.5	PASS
		VN	-10	4.65	0.002015	± 2.5	PASS
		VN	0	-0.83	-0.000360	± 2.5	PASS
		VN	10	0.69	0.000299	± 2.5	PASS
		VN	20	1.65	0.000715	± 2.5	PASS
		VN	30	2.38	0.001031	± 2.5	PASS
		VN	40	1.83	0.000793	± 2.5	PASS
		VN	50	3.54	0.001534	± 2.5	PASS
	HCH	VN	-30	4.87	0.002106	± 2.5	PASS
		VN	-20	0.43	0.000186	± 2.5	PASS
		VN	-10	-0.49	-0.000212	± 2.5	PASS
		VN	0	4.4	0.001903	± 2.5	PASS
		VN	10	2.99	0.001293	± 2.5	PASS
		VN	20	-0.58	-0.000251	± 2.5	PASS
		VN	30	0.75	0.000324	± 2.5	PASS
		VN	40	3.74	0.001617	± 2.5	PASS
		VN	50	0.33	0.000143	± 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	MCH	VL	TN	0.84	0.000364	± 2.5	PASS
		VN	TN	0.4	0.000173	± 2.5	PASS
		VH	TN	-1.5	-0.000649	± 2.5	PASS
16QAM	MCH	VL	TN	1.25	0.000541	± 2.5	PASS
		VN	TN	4.56	0.001974	± 2.5	PASS
		VH	TN	2.04	0.000883	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	MCH	VN	-30	-0.37	-0.000160	± 2.5	PASS
		VN	-20	-1.41	-0.000610	± 2.5	PASS
		VN	-10	-0.63	-0.000273	± 2.5	PASS
		VN	0	1.43	0.000619	± 2.5	PASS
		VN	10	4.78	0.002069	± 2.5	PASS
		VN	20	-0.95	-0.000411	± 2.5	PASS
		VN	30	-0.68	-0.000294	± 2.5	PASS

16QAM	MCH	VN	40	-1	-0.000433	± 2.5	PASS
		VN	50	4.22	0.001827	± 2.5	PASS
		VN	-30	4.97	0.002152	± 2.5	PASS
		VN	-20	3.81	0.001649	± 2.5	PASS
		VN	-10	0.93	0.000403	± 2.5	PASS
		VN	0	4.9	0.002121	± 2.5	PASS
		VN	10	-0.37	-0.000160	± 2.5	PASS
		VN	20	2	0.000866	± 2.5	PASS
		VN	30	3.43	0.001485	± 2.5	PASS
		VN	40	-1.45	-0.000628	± 2.5	PASS
		VN	50	-0.26	-0.000113	± 2.5	PASS