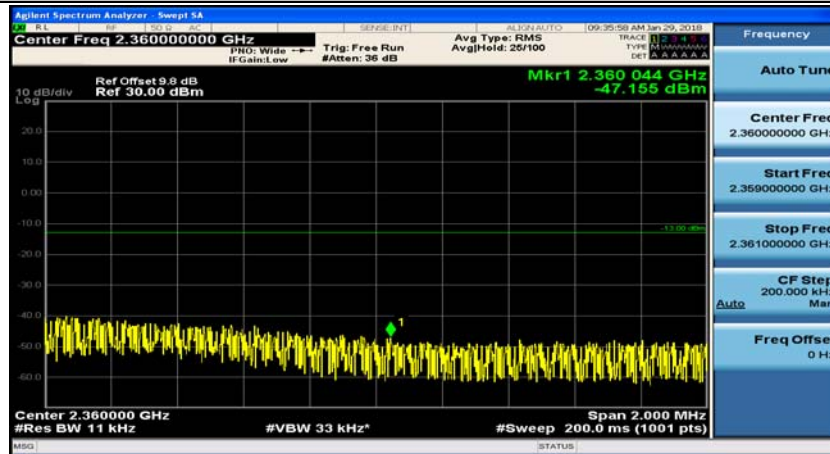


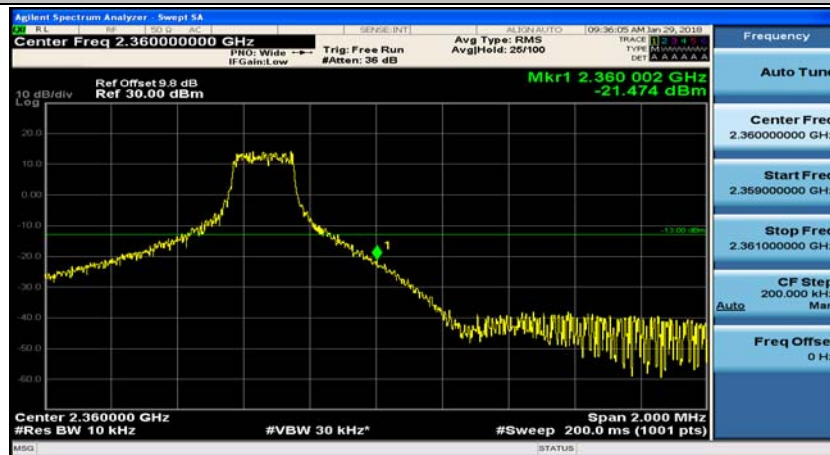
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#0



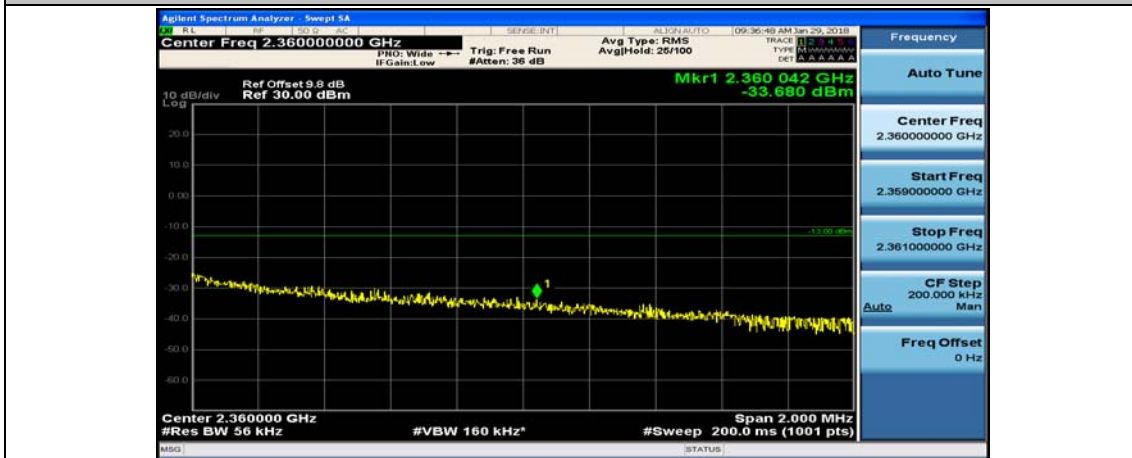
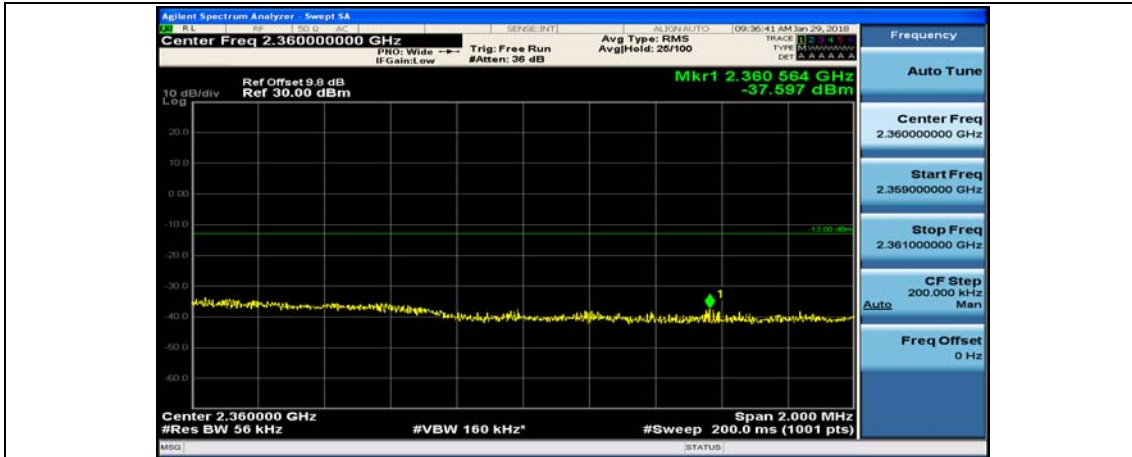
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#12



(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#24

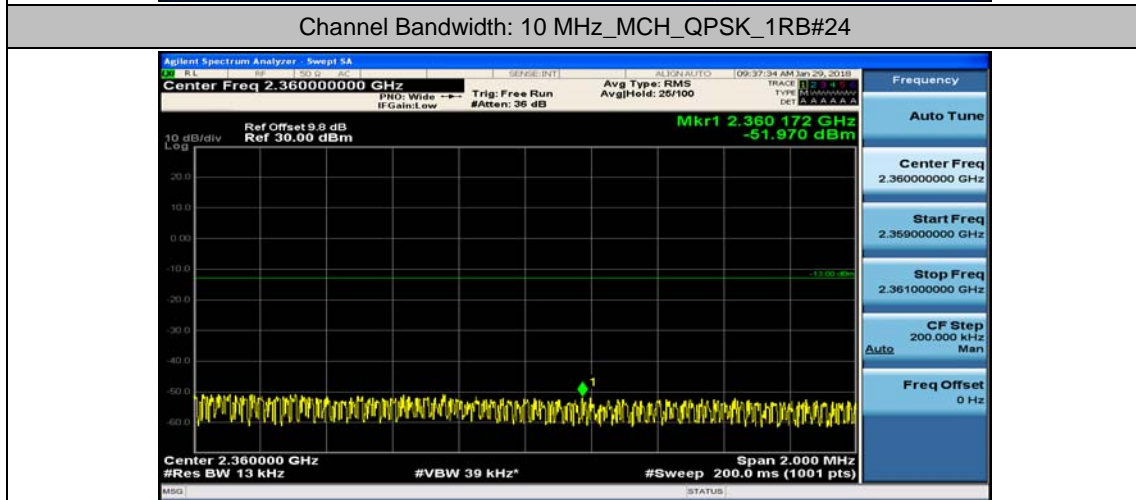
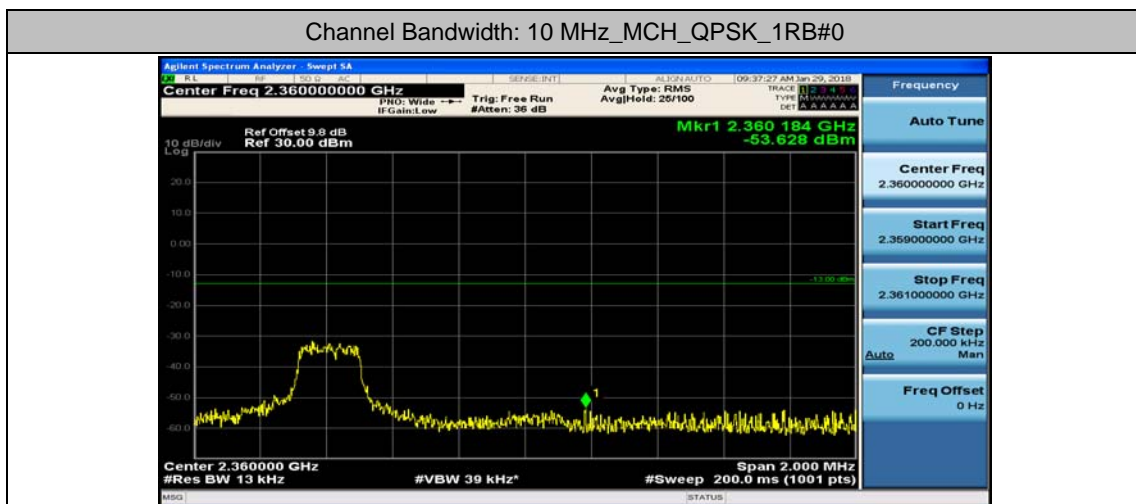


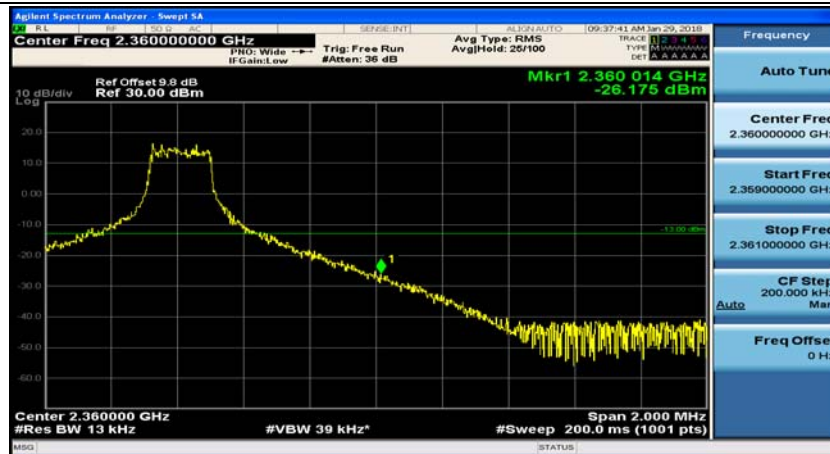
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_12RB#0





## Channel Bandwidth: 10 MHz

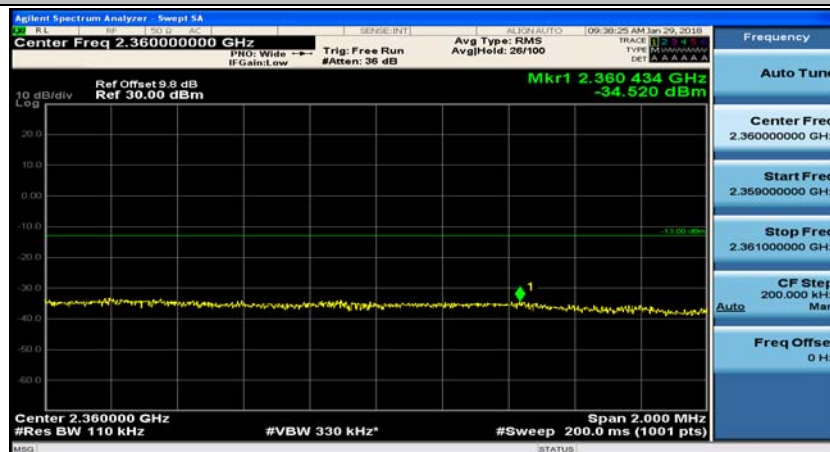




Channel Bandwidth: 10 MHz\_MCH\_QPSK\_25RB#0

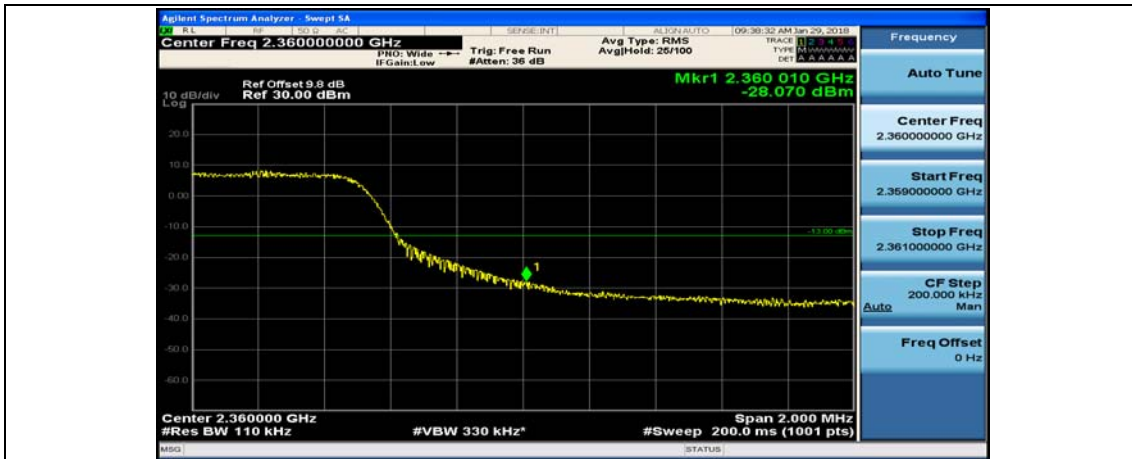


Channel Bandwidth: 10 MHz\_MCH\_QPSK\_25RB#12

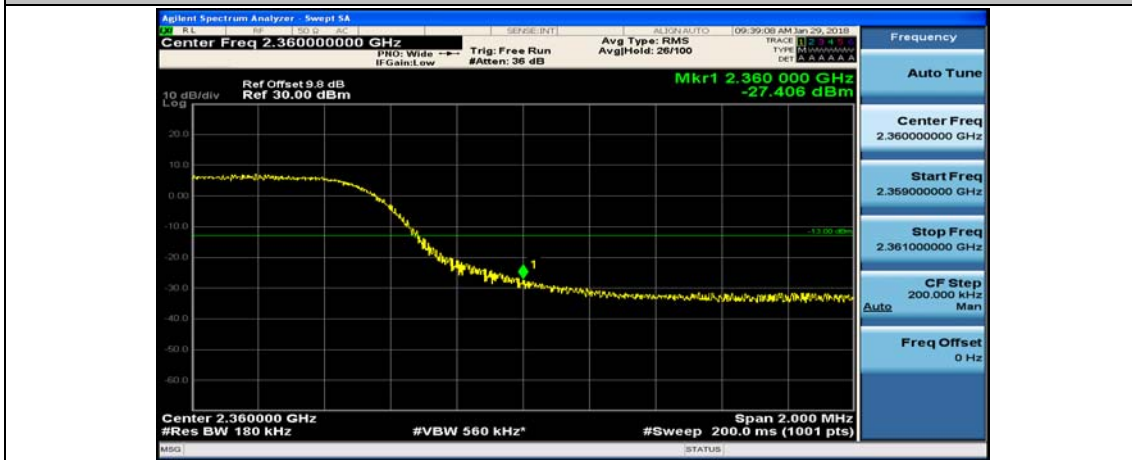


Channel Bandwidth: 10 MHz\_MCH\_QPSK\_25RB#25

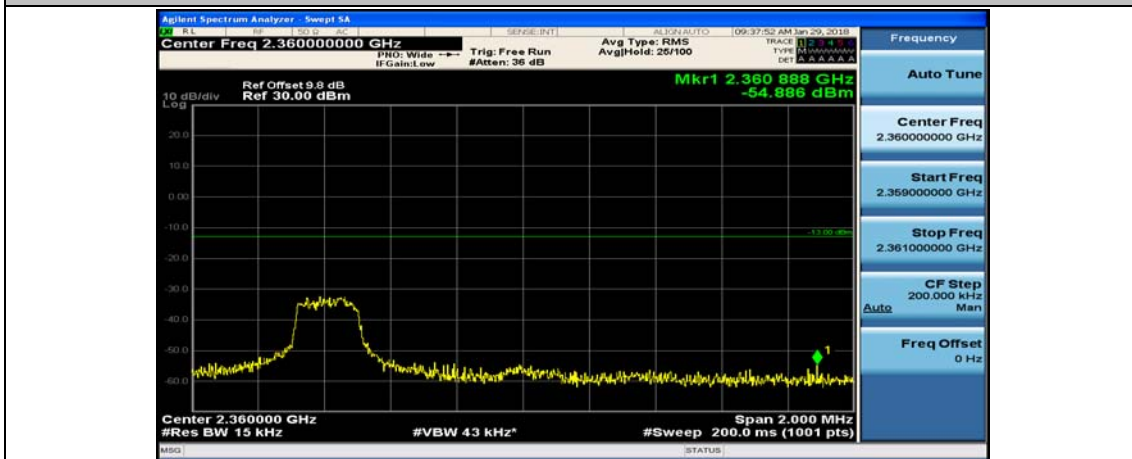




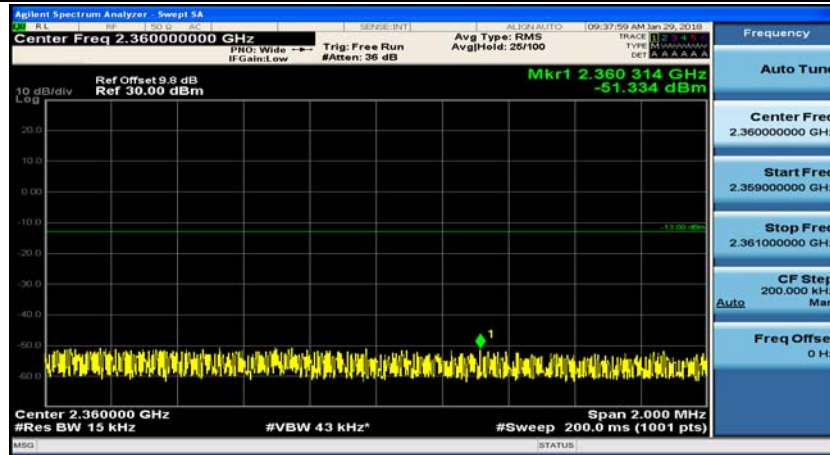
Channel Bandwidth: 10 MHz\_MCH\_QPSK\_50RB#0



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



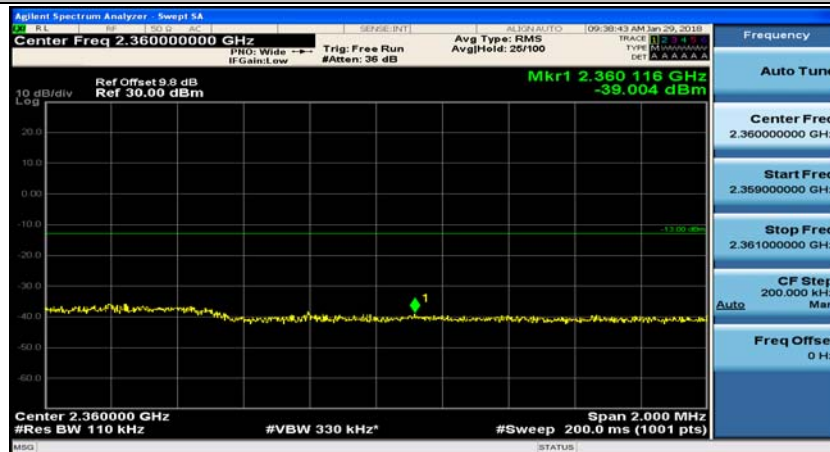
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#24



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



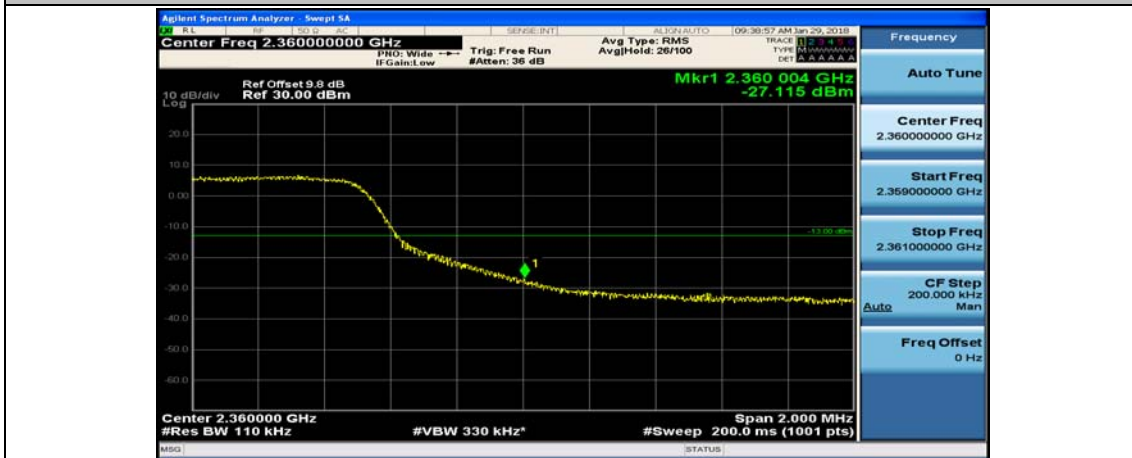
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_25RB#0



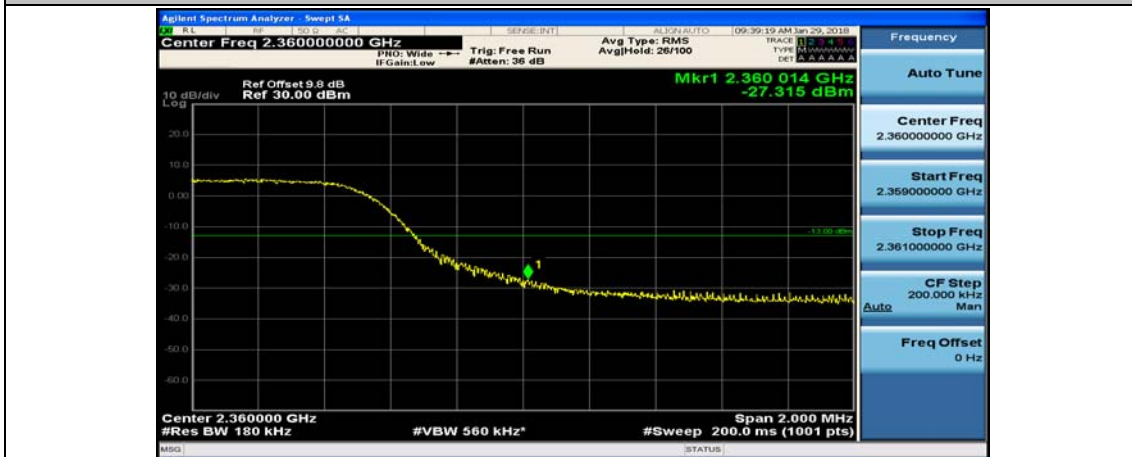
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_25RB#12



Channel Bandwidth: 10 MHz\_MCH\_16QAM\_25RB#25



Channel Bandwidth: 10 MHz\_MCH\_16QAM\_50RB#0

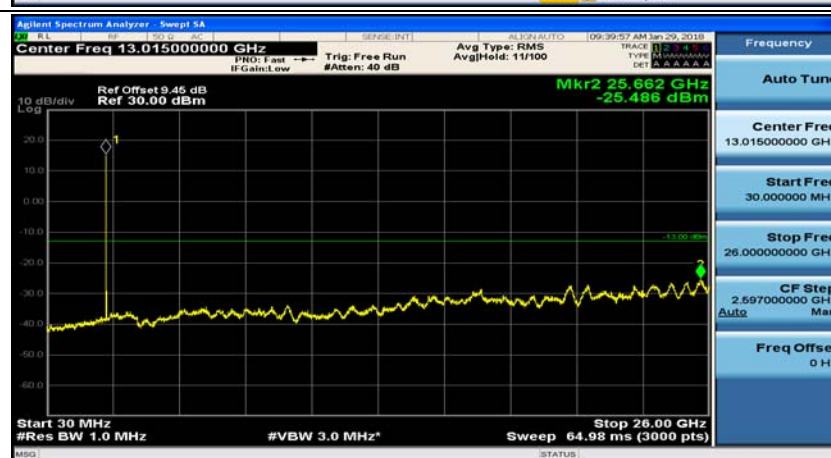
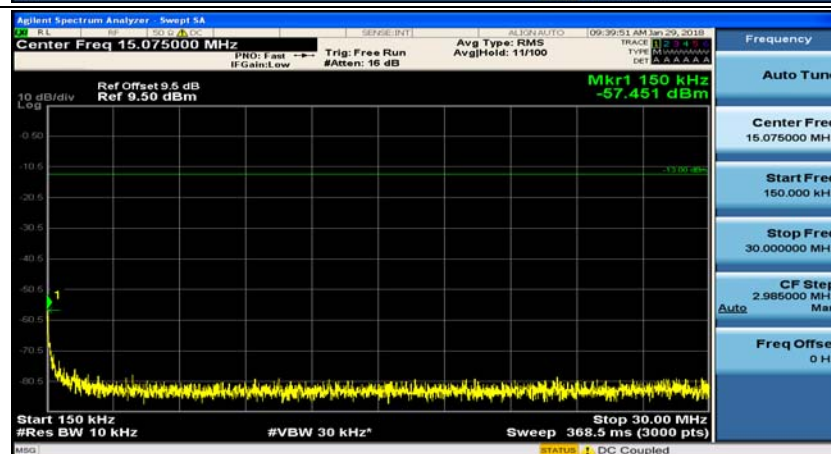
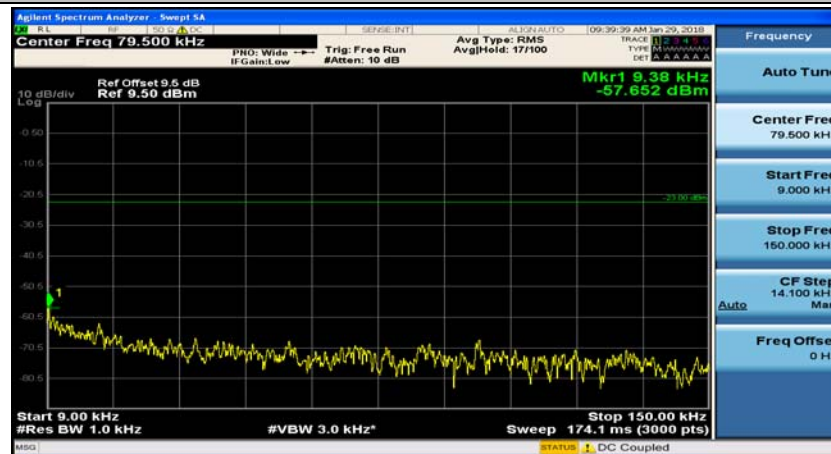


## Appendix E: Conducted Spurious Emission

### Test Graphs

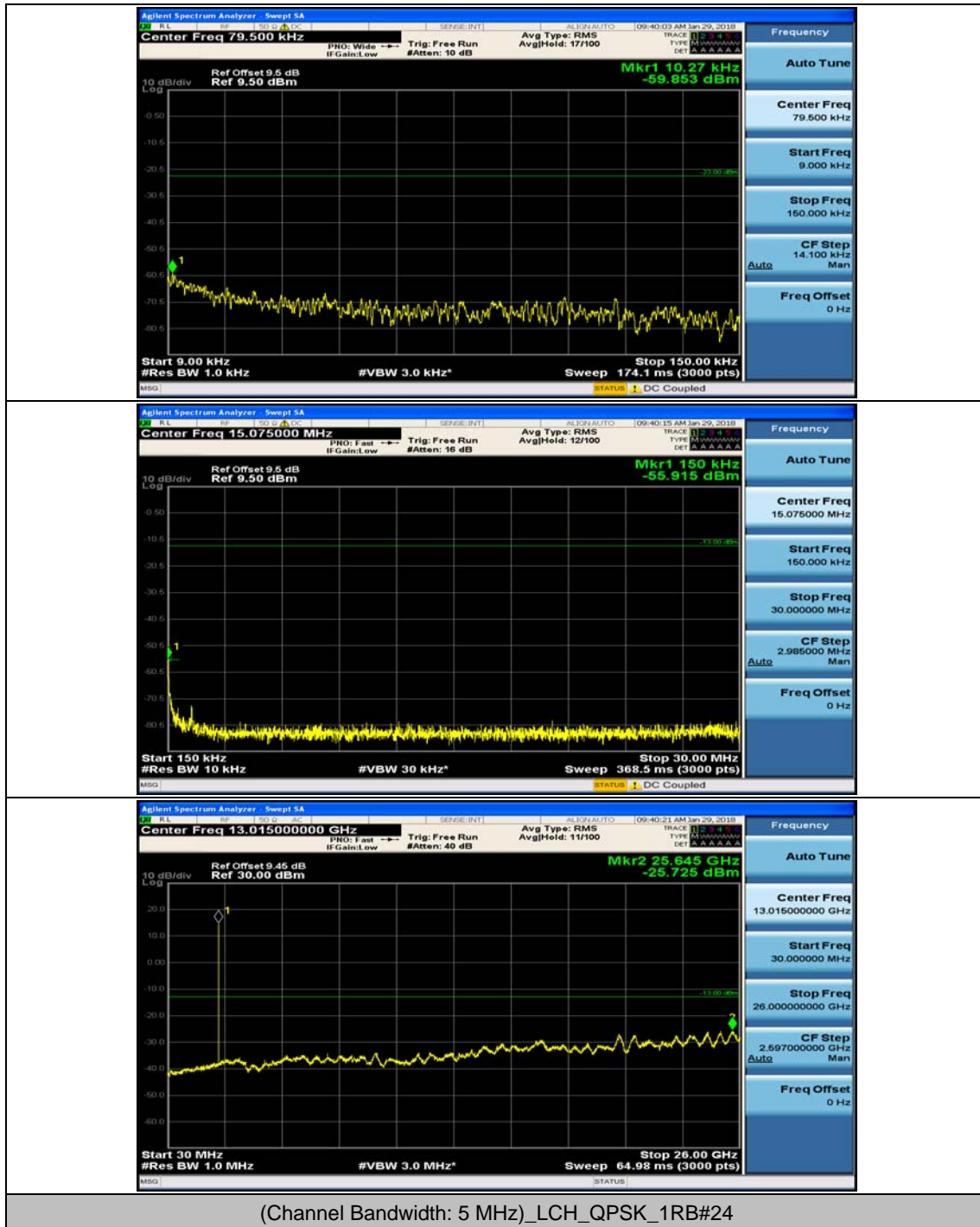
Channel Bandwidth: 5 MHz

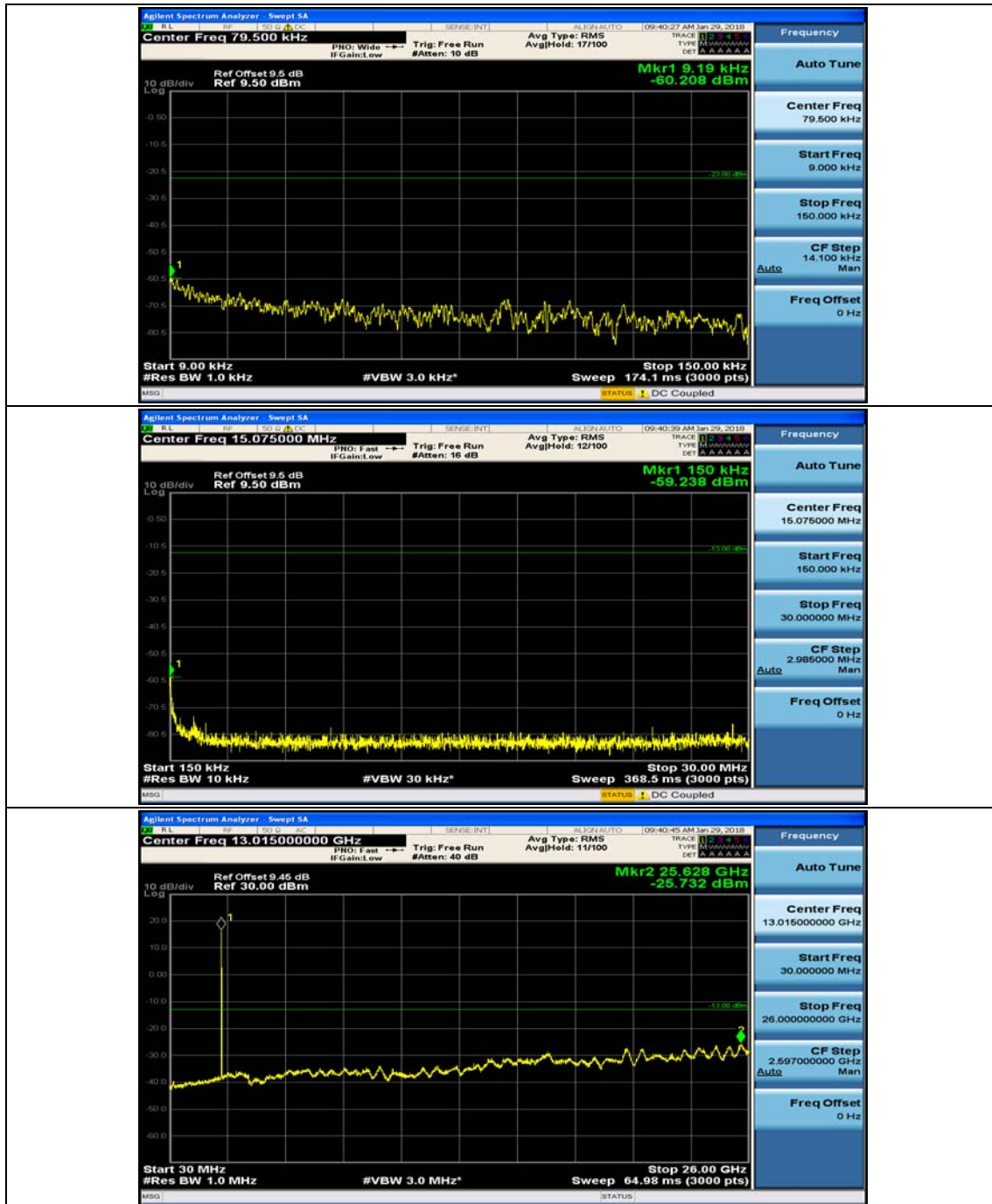
(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_1RB#0



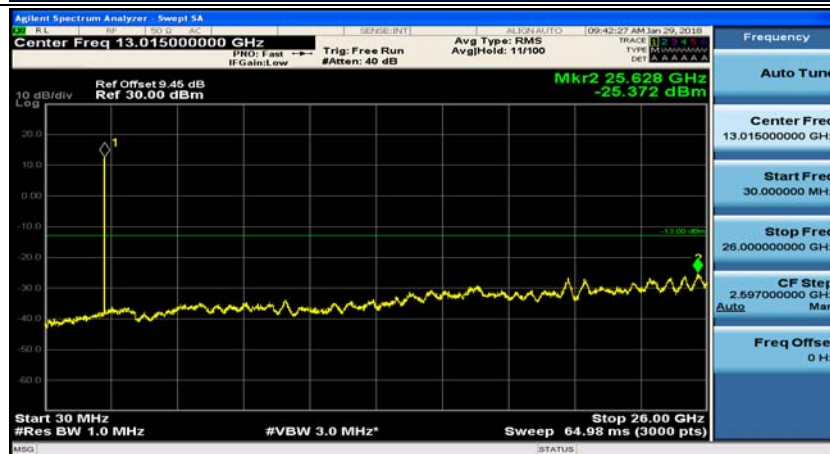
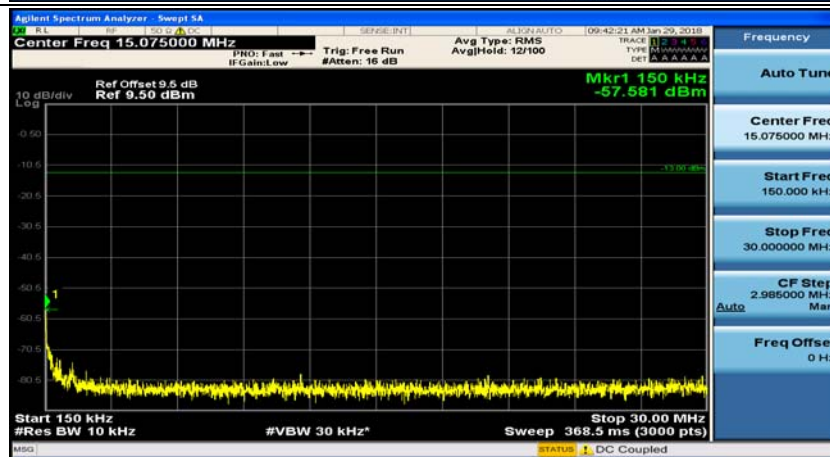
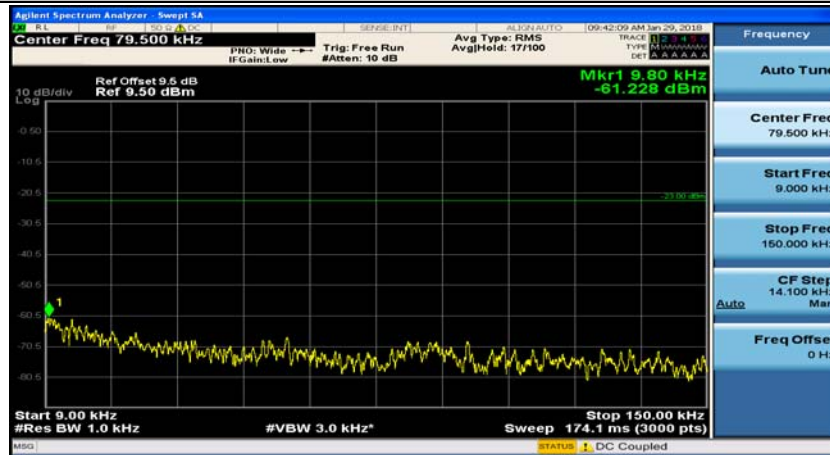
(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_1RB#12



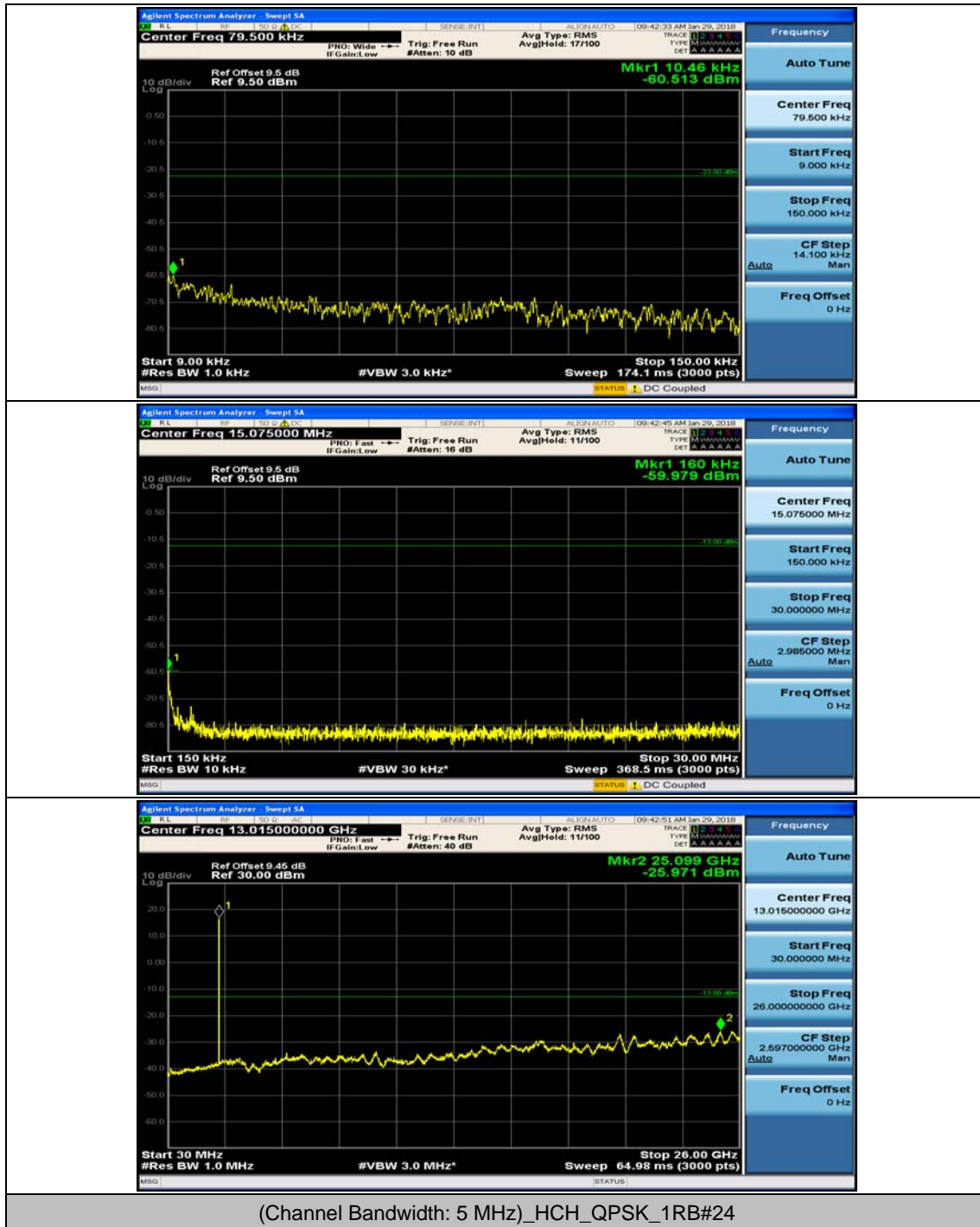


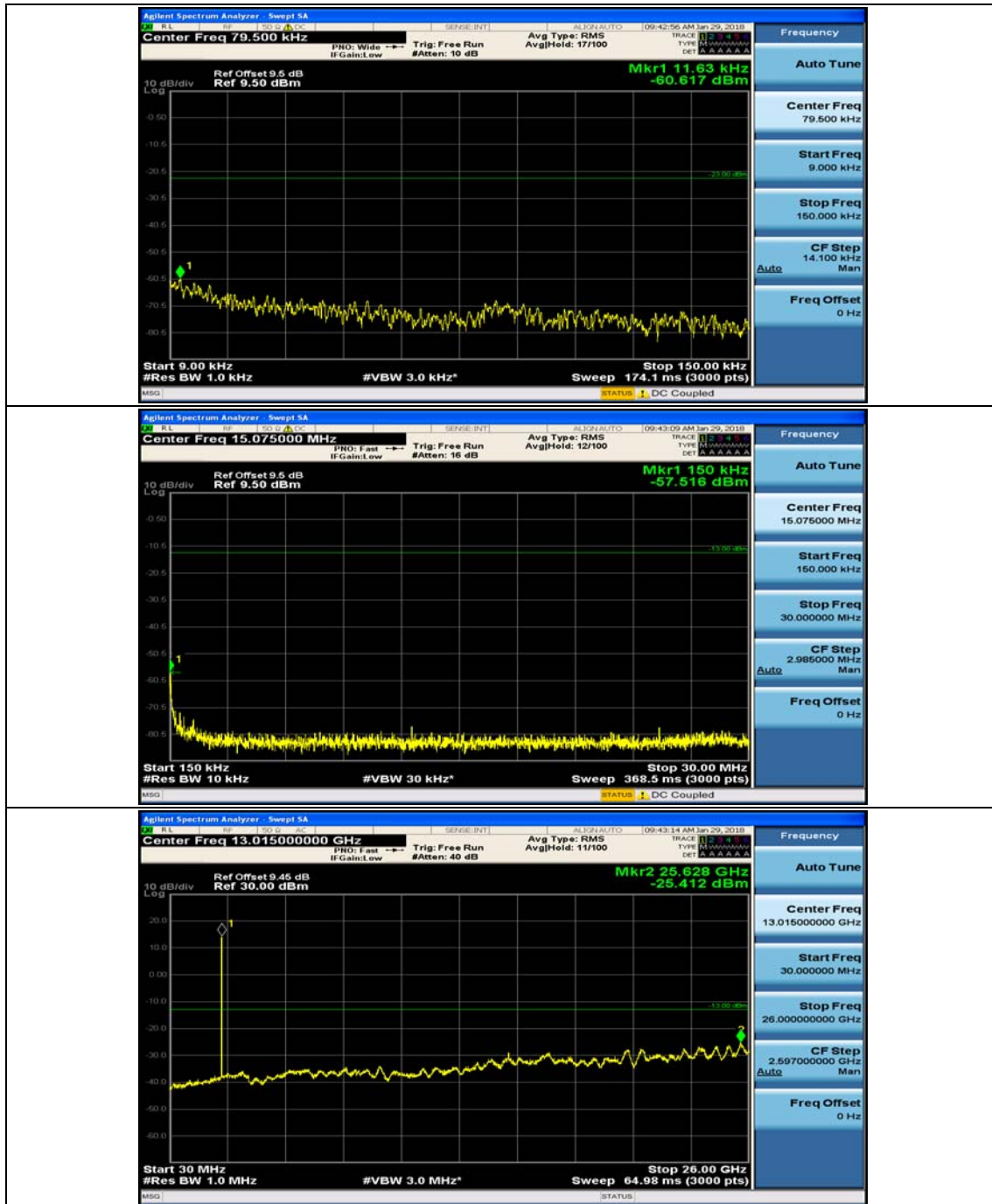


(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#0



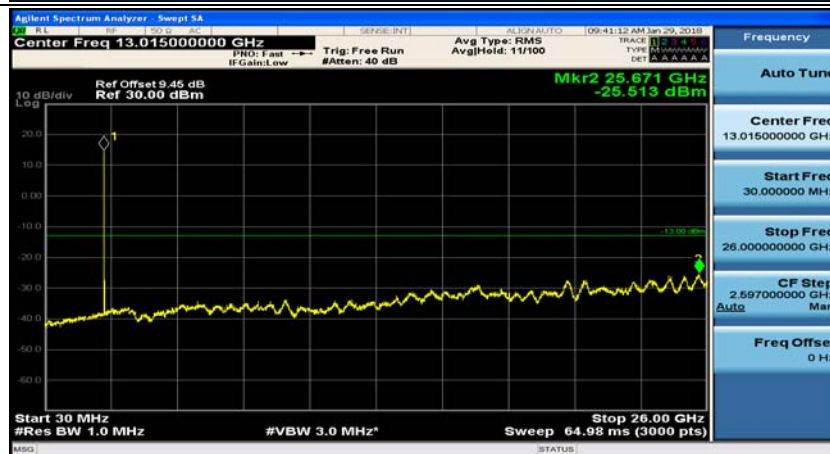
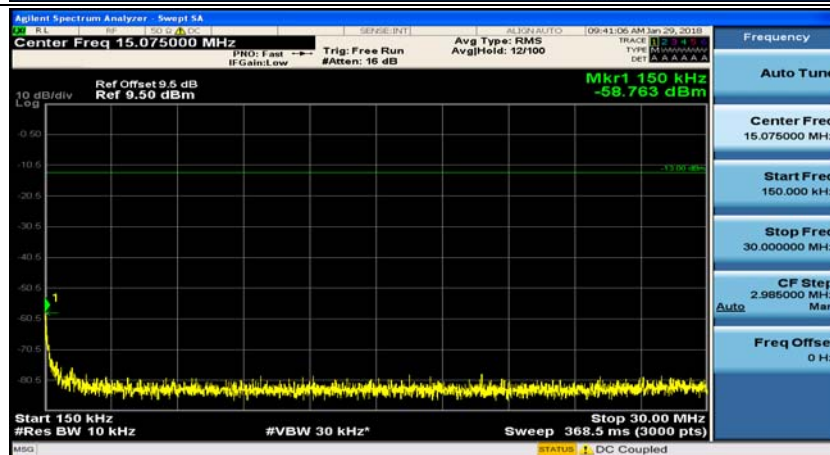
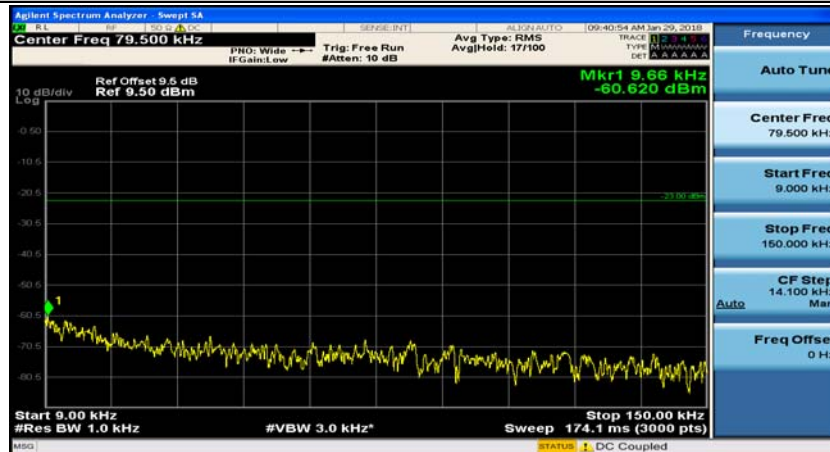
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#12



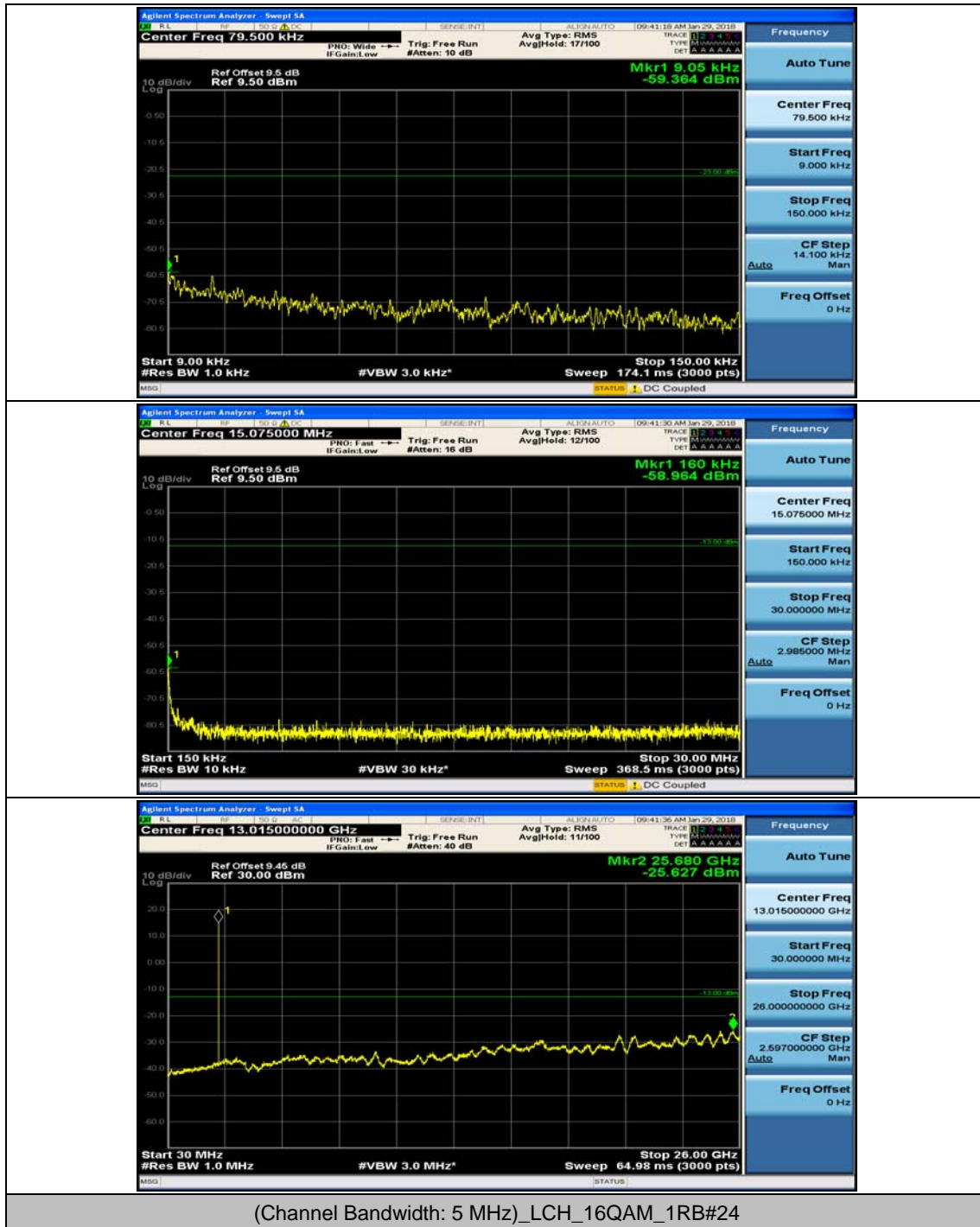


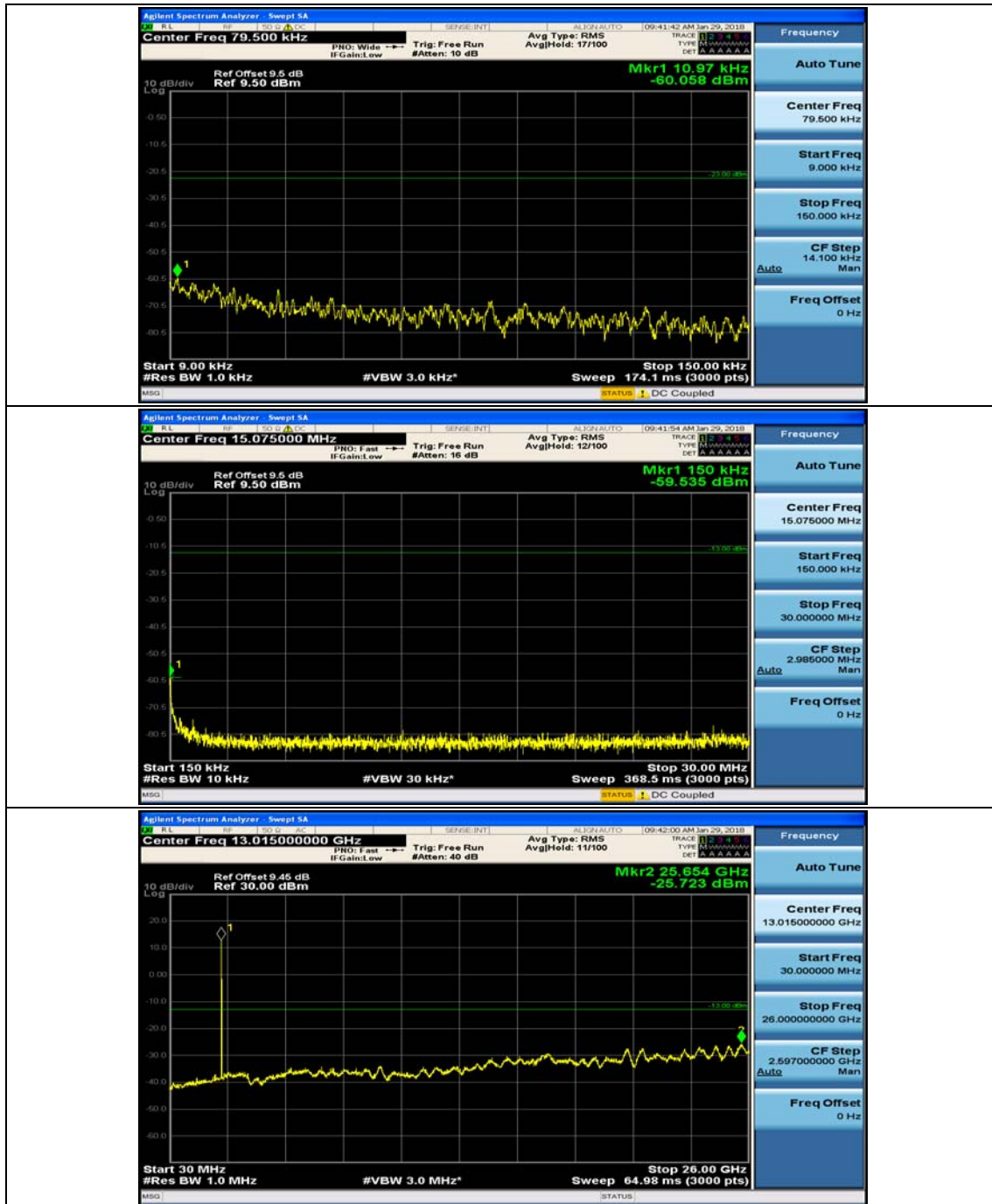


(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#0

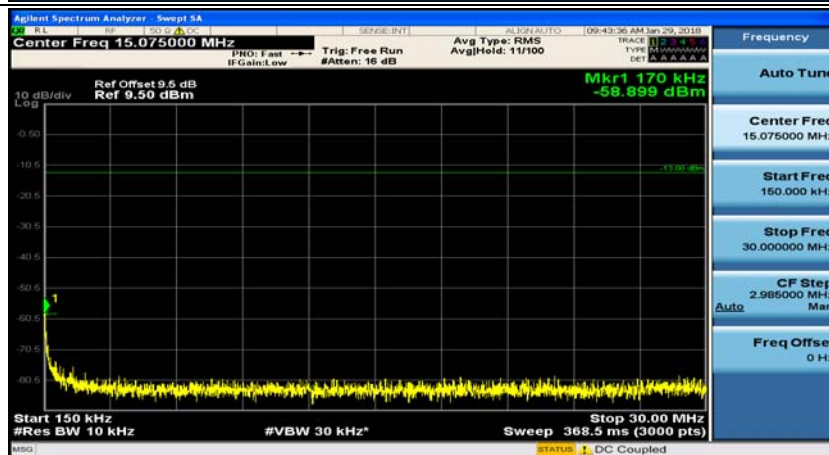
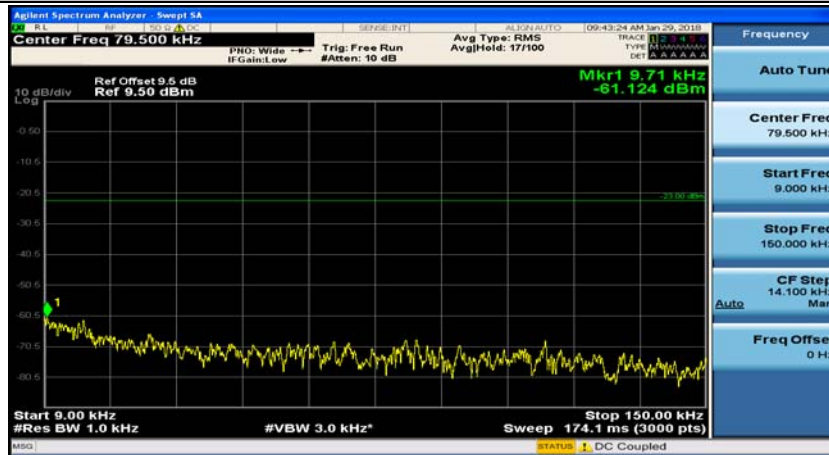


(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#12

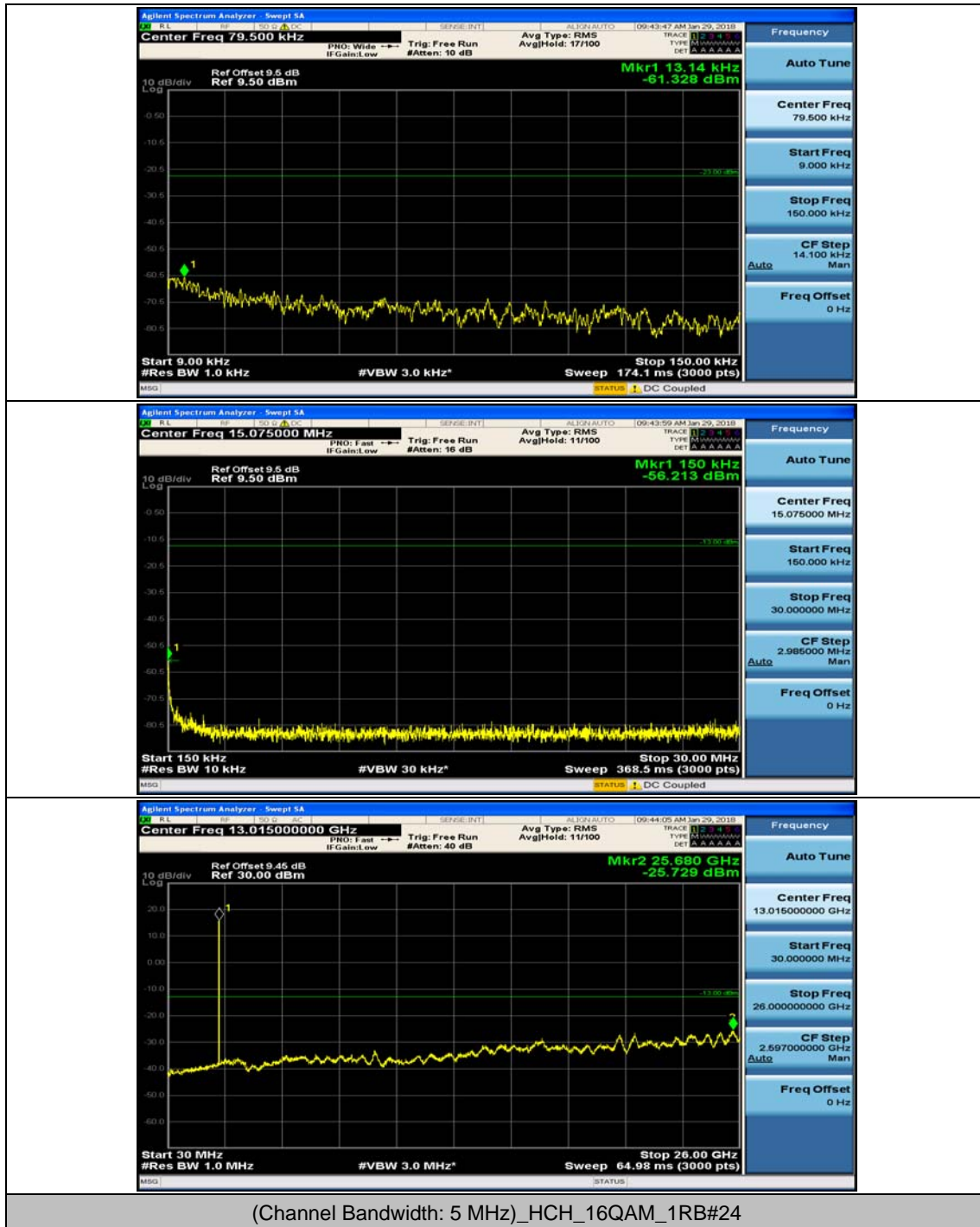




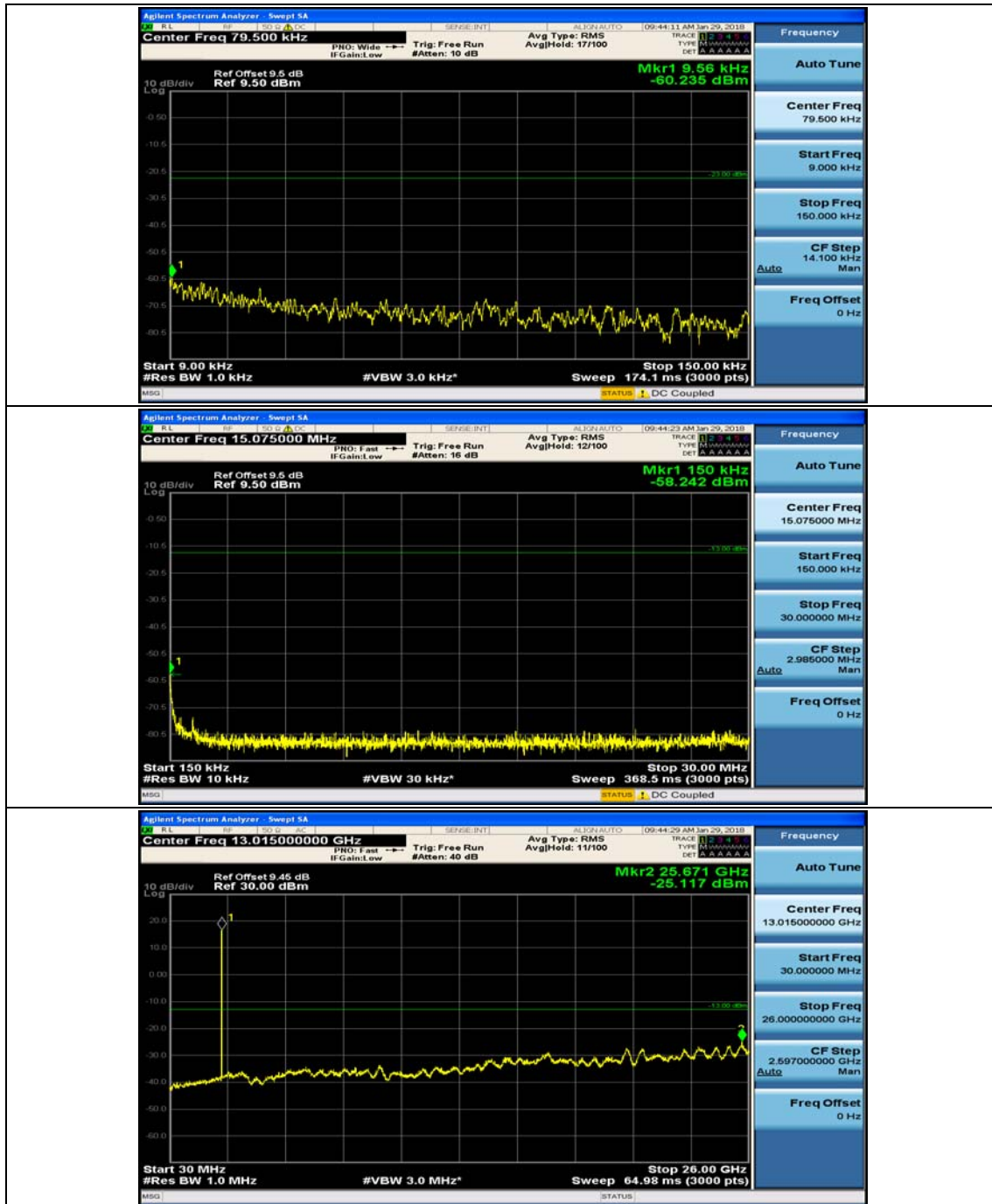
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#0



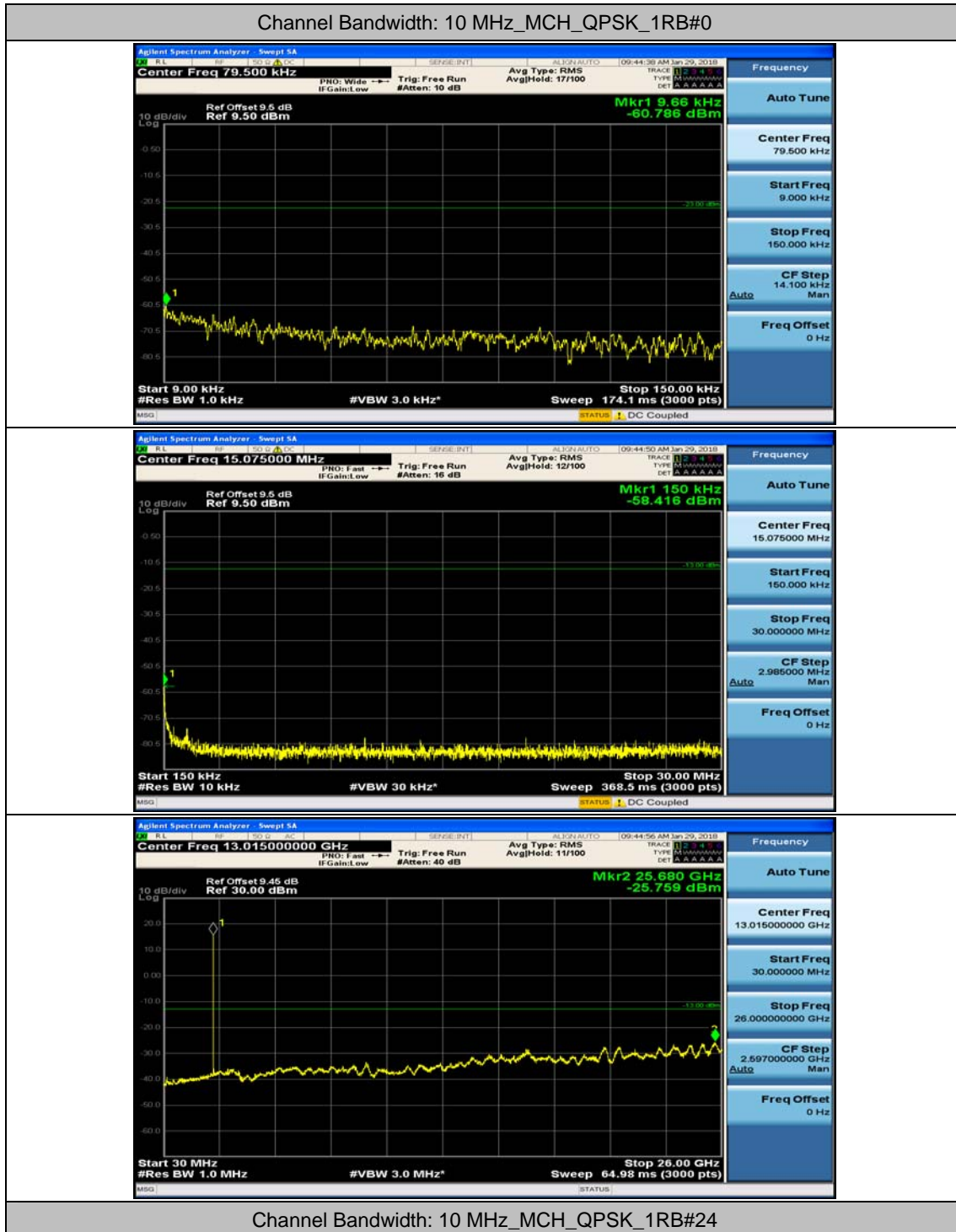
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#12

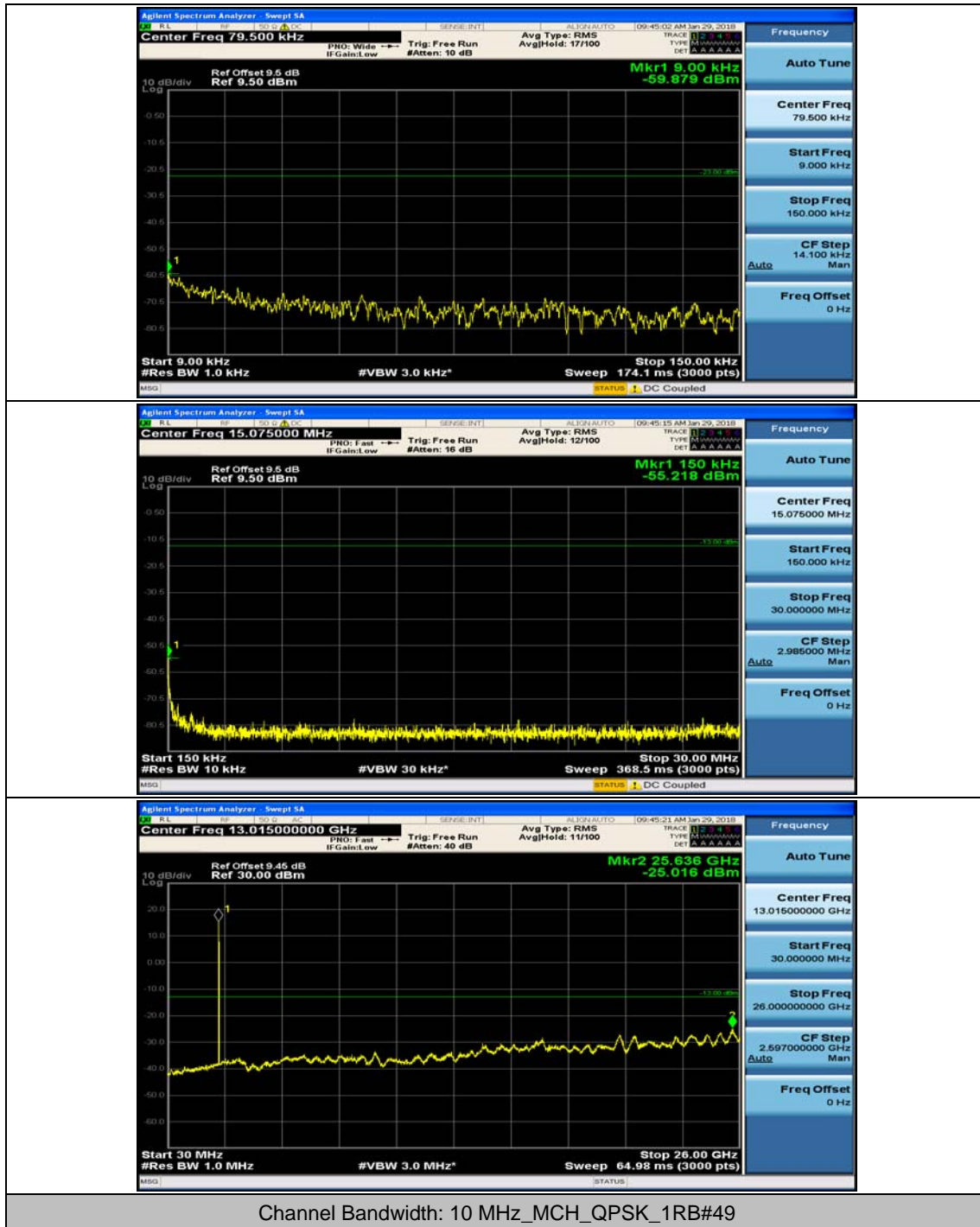


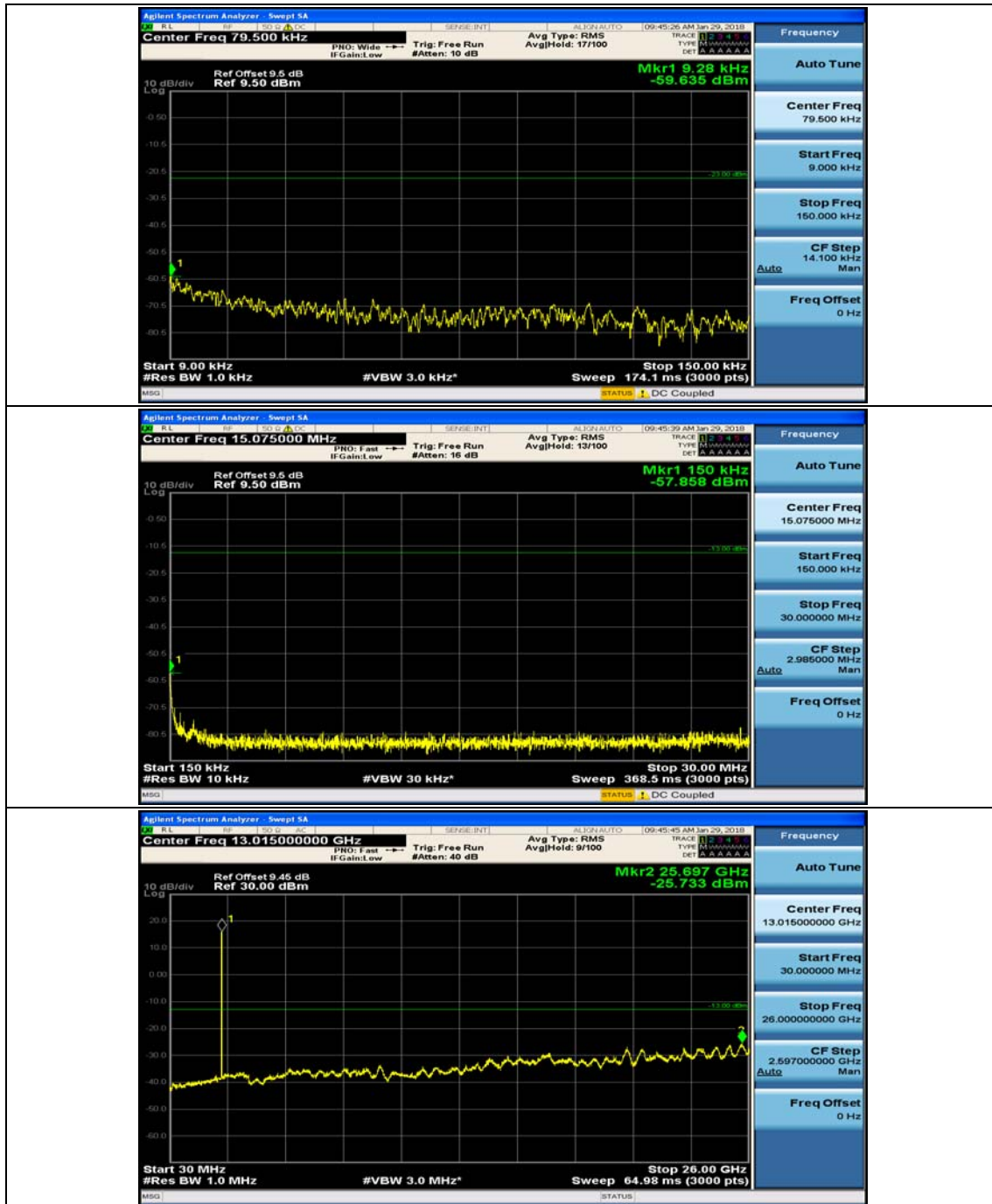




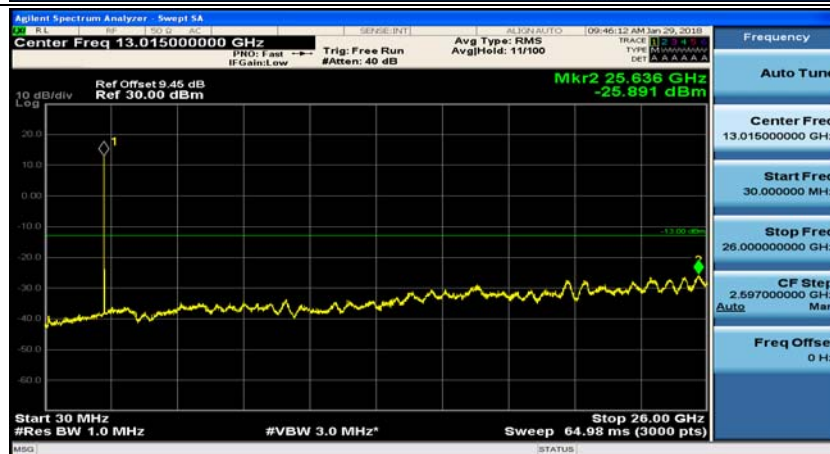
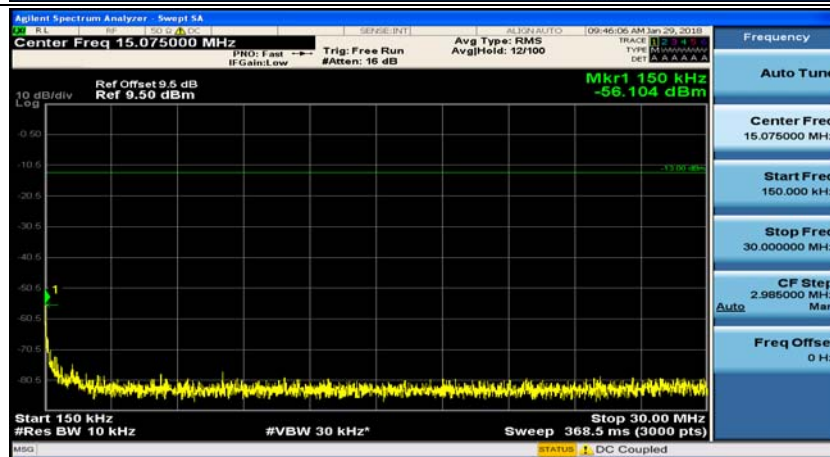
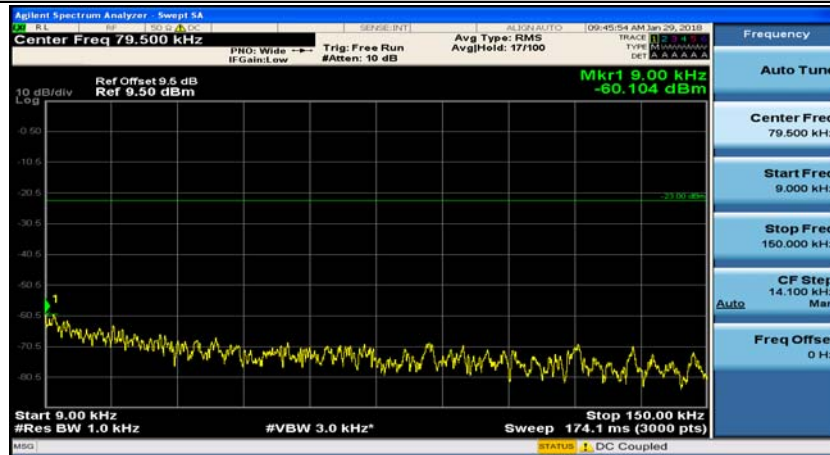
## Channel Bandwidth: 10 MHz





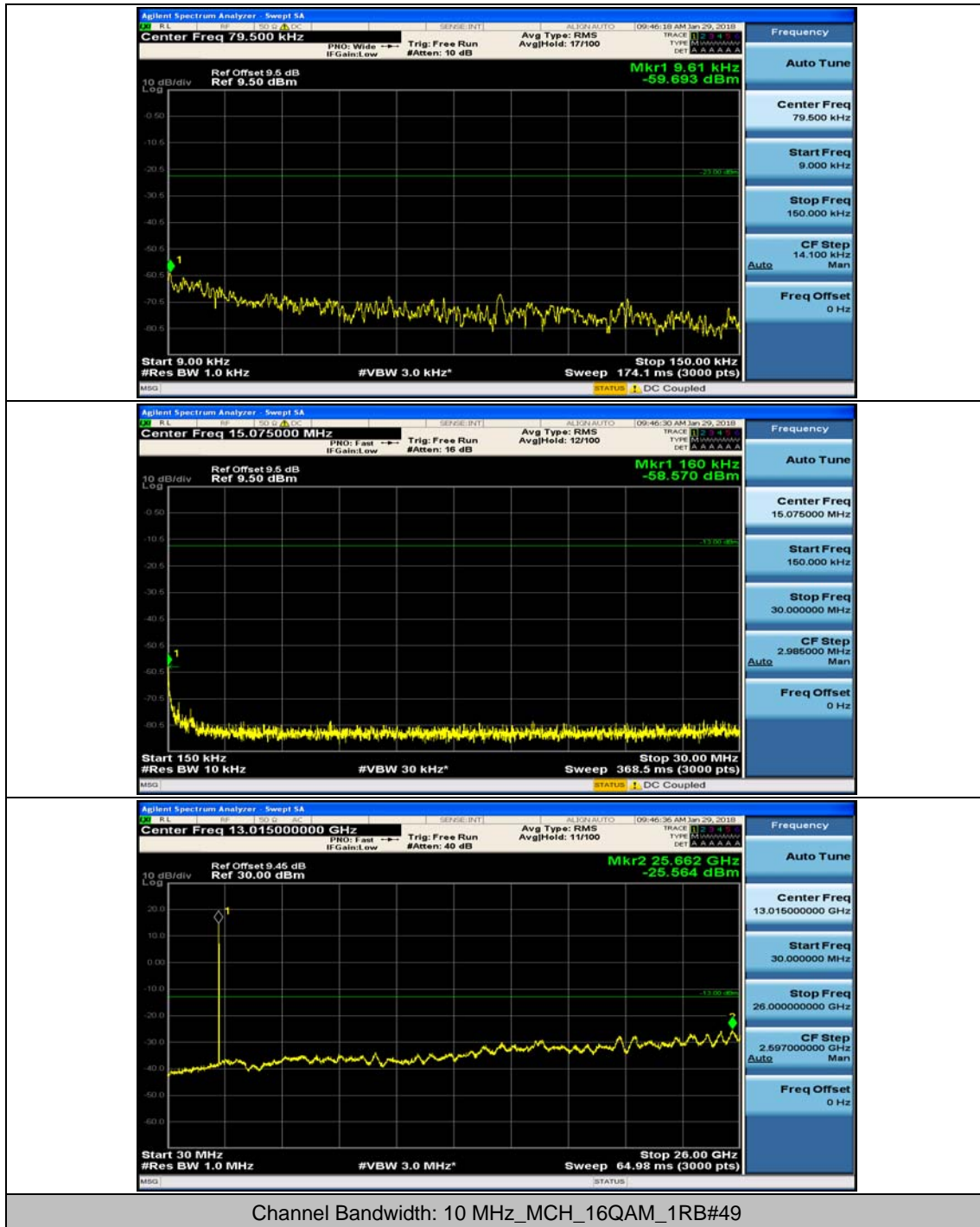


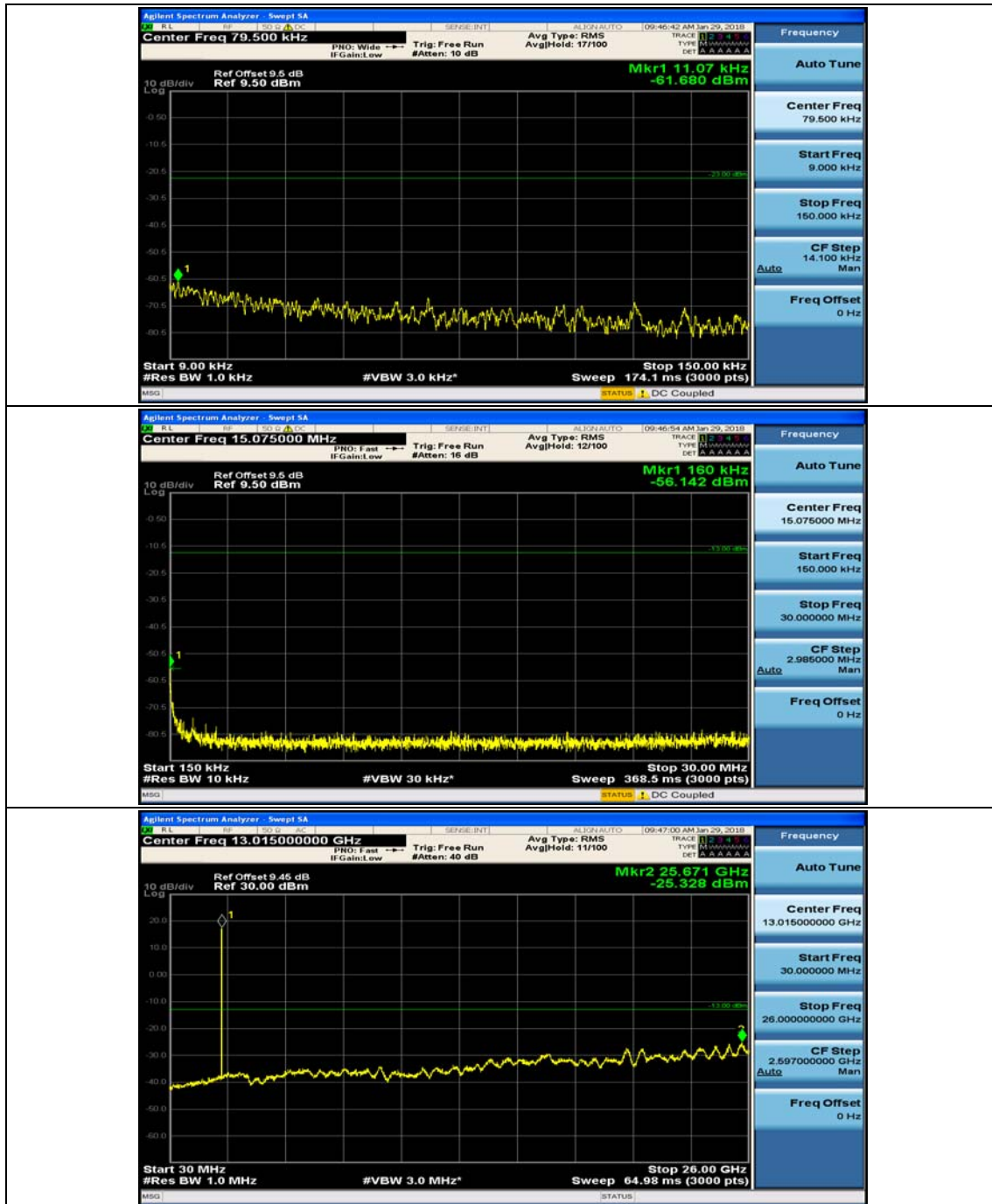
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#0



Channel Bandwidth: 10 MHz\_MCH\_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	2.93	0.001245	± 2.5	PASS
		VN	TN	1.9	0.000808	± 2.5	PASS
		VH	TN	-1.41	-0.000599	± 2.5	PASS
	HCH	VL	TN	-1.25	-0.000530	± 2.5	PASS
		VN	TN	3.28	0.001391	± 2.5	PASS
		VH	TN	0.66	0.000280	± 2.5	PASS
16QAM	LCH	VL	TN	2.1	0.000893	± 2.5	PASS
		VN	TN	2.27	0.000965	± 2.5	PASS
		VH	TN	0.07	0.000030	± 2.5	PASS
	HCH	VL	TN	4.56	0.001934	± 2.5	PASS
		VN	TN	3.33	0.001413	± 2.5	PASS
		VH	TN	3.32	0.001408	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	0.42	0.000179	± 2.5	PASS
		VN	-20	-0.21	-0.000089	± 2.5	PASS
		VN	-10	1.99	0.000846	± 2.5	PASS
		VN	0	-0.25	-0.000106	± 2.5	PASS
		VN	10	3.15	0.001339	± 2.5	PASS
		VN	20	2.63	0.001118	± 2.5	PASS
		VN	30	-1.23	-0.000523	± 2.5	PASS
		VN	40	1.35	0.000574	± 2.5	PASS
		VN	50	0.99	0.000421	± 2.5	PASS
	HCH	VN	-30	-0.53	-0.000225	± 2.5	PASS
		VN	-20	1.46	0.000619	± 2.5	PASS
		VN	-10	3.1	0.001315	± 2.5	PASS
		VN	0	3.74	0.001586	± 2.5	PASS
		VN	10	4.31	0.001828	± 2.5	PASS
		VN	20	3	0.001273	± 2.5	PASS
VN		30	3.47	0.001472	± 2.5	PASS	
VN	40	1.38	0.000585	± 2.5	PASS		

		VN	50	4.04	0.001714	± 2.5	PASS
16QAM	LCH	VN	-30	3.84	0.001632	± 2.5	PASS
		VN	-20	-1.39	-0.000591	± 2.5	PASS
		VN	-10	3.71	0.001577	± 2.5	PASS
		VN	0	-0.19	-0.000081	± 2.5	PASS
		VN	10	-0.37	-0.000157	± 2.5	PASS
		VN	20	1.3	0.000553	± 2.5	PASS
		VN	30	4.51	0.001917	± 2.5	PASS
		VN	40	-1.43	-0.000608	± 2.5	PASS
		VN	50	-0.95	-0.000404	± 2.5	PASS
	HCH	VN	-30	0.06	0.000025	± 2.5	PASS
		VN	-20	0.54	0.000229	± 2.5	PASS
		VN	-10	3.93	0.001667	± 2.5	PASS
		VN	0	4.01	0.001701	± 2.5	PASS
		VN	10	2.32	0.000984	± 2.5	PASS
		VN	20	4.97	0.002108	± 2.5	PASS
		VN	30	3.99	0.001692	± 2.5	PASS
		VN	40	3.59	0.001523	± 2.5	PASS
		VN	50	2.18	0.000925	± 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	-0.29	-0.000123	± 2.5	PASS
		VN	TN	-1.94	-0.000824	± 2.5	PASS
		VH	TN	4.71	0.002000	± 2.5	PASS
16QAM	MCH	VL	TN	-1.99	-0.000845	± 2.5	PASS
		VN	TN	0.44	0.000187	± 2.5	PASS
		VH	TN	2.61	0.001108	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	MCH	VN	-30	4.07	0.001728	± 2.5	PASS
		VN	-20	0.78	0.000331	± 2.5	PASS
		VN	-10	-1.39	-0.000590	± 2.5	PASS
		VN	0	4.84	0.002055	± 2.5	PASS
		VN	10	2.43	0.001032	± 2.5	PASS
		VN	20	-1.14	-0.000484	± 2.5	PASS
		VN	30	3.48	0.001478	± 2.5	PASS

16QAM	MCH	VN	40	-0.16	-0.000068	$\pm 2.5$	PASS
		VN	50	0.65	0.000276	$\pm 2.5$	PASS
		VN	-30	3.69	0.001567	$\pm 2.5$	PASS
		VN	-20	0.25	0.000106	$\pm 2.5$	PASS
		VN	-10	4.36	0.001851	$\pm 2.5$	PASS
		VN	0	-1.57	-0.000667	$\pm 2.5$	PASS
		VN	10	0.52	0.000221	$\pm 2.5$	PASS
		VN	20	0.9	0.000382	$\pm 2.5$	PASS
		VN	30	0.07	0.000030	$\pm 2.5$	PASS
		VN	40	2.47	0.001049	$\pm 2.5$	PASS
		VN	50	-0.38	-0.000161	$\pm 2.5$	PASS