



Appendix A: Average Output Power Data

Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.64	PASS
		1	2	22.67	PASS
		1	5	22.61	PASS
		3	0	22.54	PASS
		3	1	22.72	PASS
		3	3	22.58	PASS
		6	0	21.58	PASS
	MCH	1	0	22.52	PASS
		1	2	22.64	PASS
		1	5	22.55	PASS
		3	0	22.44	PASS
		3	1	22.55	PASS
		3	3	22.46	PASS
		6	0	21.36	PASS
	HCH	1	0	22.57	PASS
		1	2	22.51	PASS
		1	5	22.45	PASS
		3	0	22.36	PASS
		3	1	22.51	PASS
		3	3	22.37	PASS
		6	0	21.37	PASS
16QAM	LCH	1	0	21.96	PASS
		1	2	21.92	PASS
		1	5	21.88	PASS
		3	0	21.74	PASS
		3	1	21.86	PASS
		3	3	21.72	PASS
		6	0	20.93	PASS
	MCH	1	0	21.72	PASS
		1	2	21.75	PASS
		1	5	21.81	PASS
		3	0	21.48	PASS
		3	1	21.52	PASS



		3	3	21.43	PASS
		6	0	20.87	PASS
	HCH	1	0	21.88	PASS
		1	2	21.67	PASS
		1	5	21.8	PASS
		3	0	21.54	PASS
		3	1	21.6	PASS
		3	3	21.48	PASS
		6	0	20.88	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.69	PASS
		1	7	22.87	PASS
		1	14	22.68	PASS
		8	0	21.66	PASS
		8	3	21.68	PASS
		8	7	21.67	PASS
		15	0	21.66	PASS
	MCH	1	0	22.53	PASS
		1	7	22.59	PASS
		1	14	22.45	PASS
		8	0	21.5	PASS
		8	3	21.48	PASS
		8	7	21.45	PASS
		15	0	21.47	PASS
	HCH	1	0	22.58	PASS
		1	7	22.66	PASS
		1	14	22.49	PASS
		8	0	21.58	PASS
		8	3	21.49	PASS
		8	7	21.47	PASS
		15	0	21.48	PASS
16QAM	LCH	1	0	21.91	PASS
		1	7	21.88	PASS
		1	14	21.88	PASS
		8	0	20.67	PASS
		8	3	20.67	PASS



		8	7	20.7	PASS
		15	0	20.61	PASS
	MCH	1	0	21.79	PASS
		1	7	21.98	PASS
		1	14	21.67	PASS
		8	0	20.55	PASS
		8	3	20.52	PASS
		8	7	20.53	PASS
		15	0	20.4	PASS
	HCH	1	0	21.86	PASS
		1	7	21.95	PASS
		1	14	21.71	PASS
		8	0	20.63	PASS
		8	3	20.5	PASS
		8	7	20.53	PASS
		15	0	20.4	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.74	PASS
		1	12	22.64	PASS
		1	24	22.61	PASS
		12	0	21.78	PASS
		12	6	21.81	PASS
		12	13	21.59	PASS
		25	0	21.66	PASS
	MCH	1	0	22.66	PASS
		1	12	22.44	PASS
		1	24	22.56	PASS
		12	0	21.4	PASS
		12	6	21.49	PASS
		12	13	21.39	PASS
		25	0	21.5	PASS
	HCH	1	0	22.71	PASS
		1	12	22.65	PASS
		1	24	22.65	PASS
		12	0	21.8	PASS
		12	6	21.85	PASS
		12	13	21.64	PASS



		25	0	21.71	PASS
16QAM	LCH	1	0	21.87	PASS
		1	12	21.74	PASS
		1	24	21.66	PASS
		12	0	20.74	PASS
		12	6	20.74	PASS
		12	13	20.61	PASS
		25	0	20.67	PASS
	MCH	1	0	21.88	PASS
		1	12	21.85	PASS
		1	24	21.81	PASS
		12	0	20.44	PASS
		12	6	20.5	PASS
		12	13	20.43	PASS
		25	0	20.5	PASS
	HCH	1	0	21.92	PASS
		1	12	21.85	PASS
		1	24	21.74	PASS
		12	0	20.78	PASS
		12	6	20.78	PASS
		12	13	20.62	PASS
		25	0	20.67	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 5 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	MCH	1	0	22.77	PASS
		1	24	22.59	PASS
		1	49	22.5	PASS
		25	0	21.58	PASS
		25	12	21.5	PASS
		25	25	21.44	PASS
		50	0	21.54	PASS
16QAM	MCH	1	0	21.81	PASS
		1	24	21.83	PASS
		1	49	21.67	PASS
		25	0	20.59	PASS
		25	12	20.5	PASS
		25	25	20.45	PASS
		50	0	20.54	PASS



Appendix B: Peak-to-Average Ratio

Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	MCH	1	0	4.56	<13	PASS
16QAM	MCH	1	0	5.49	<13	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	MCH	1	0	4.62	<13	PASS
16QAM	MCH	1	0	5.59	<13	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	MCH	1	0	4.31	<13	PASS
16QAM	MCH	1	0	4.99	<13	PASS

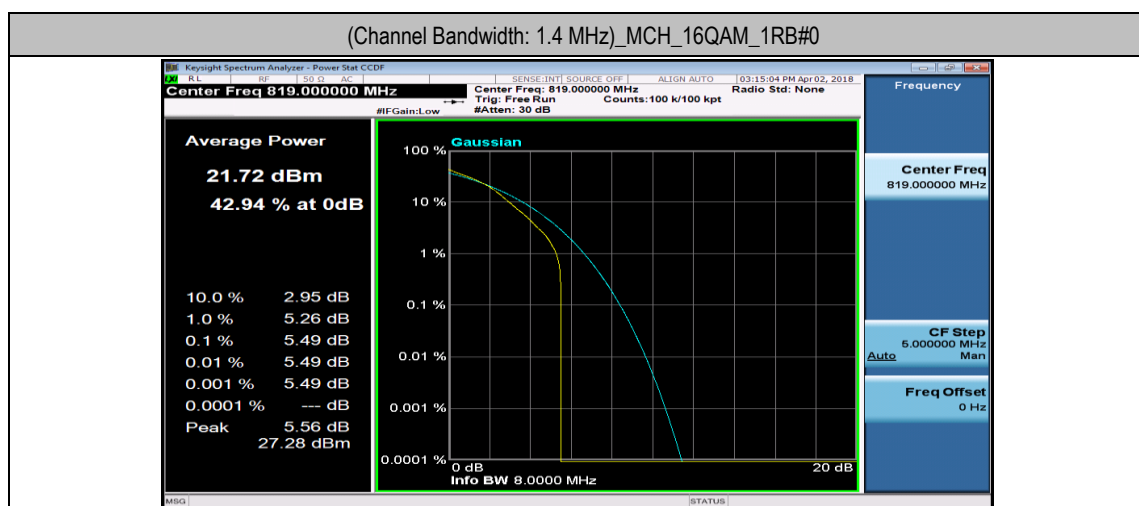
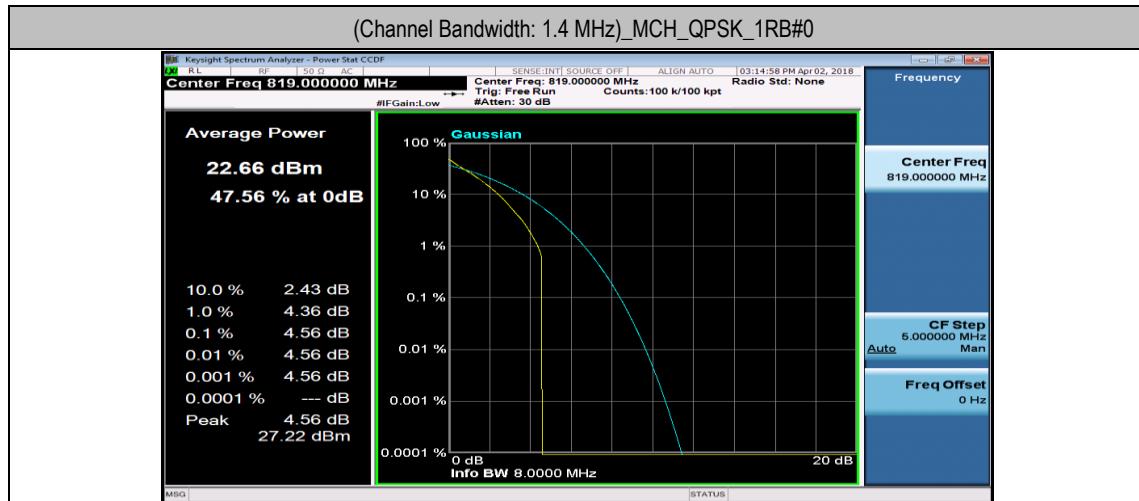
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	MCH	1	0	3.54	<13	PASS
16QAM	MCH	1	0	4.35	<13	PASS



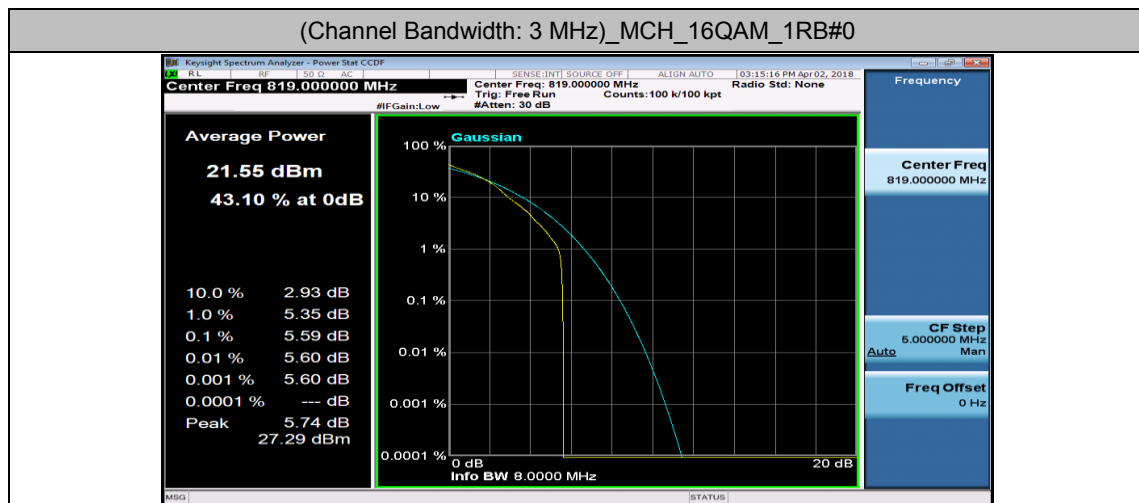
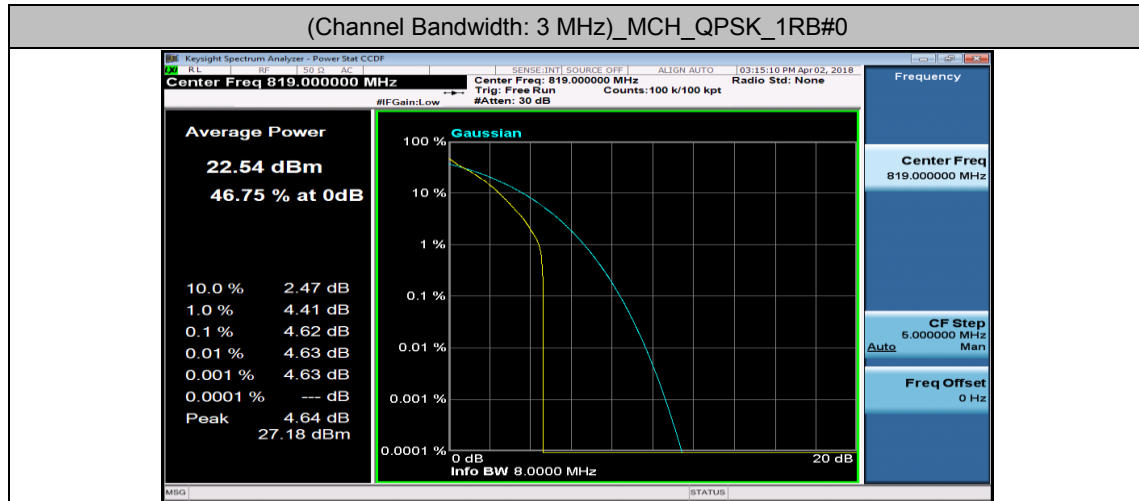
Test Graphs

Channel Bandwidth: 1.4 MHz





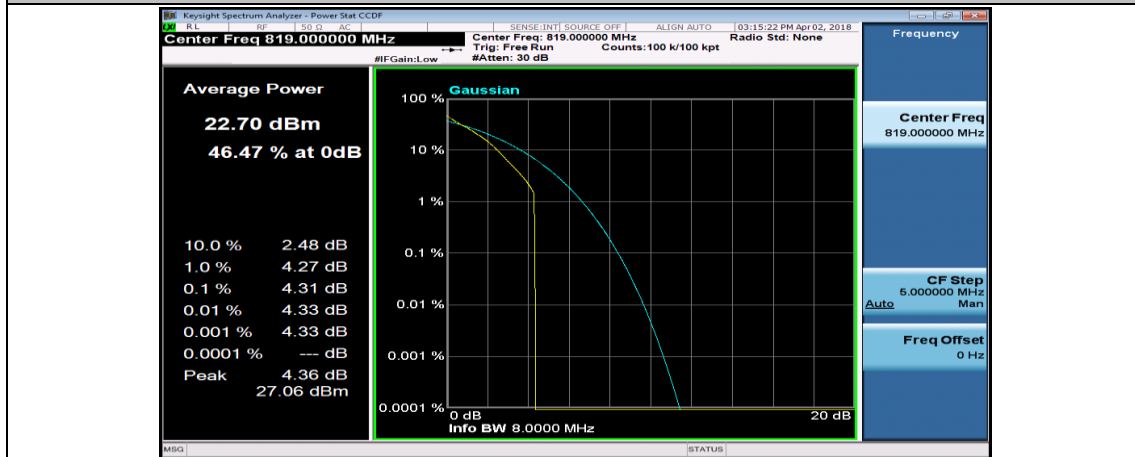
Channel Bandwidth: 3 MHz



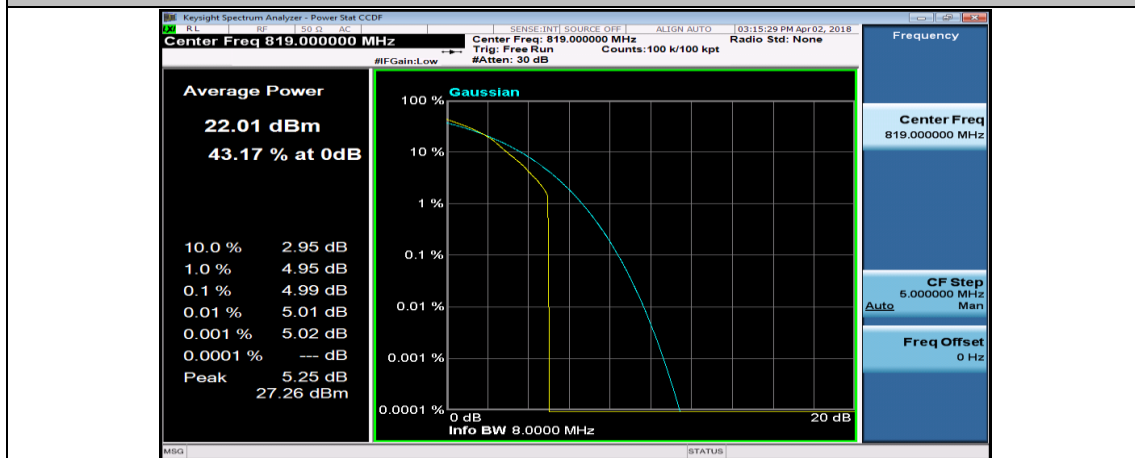


Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

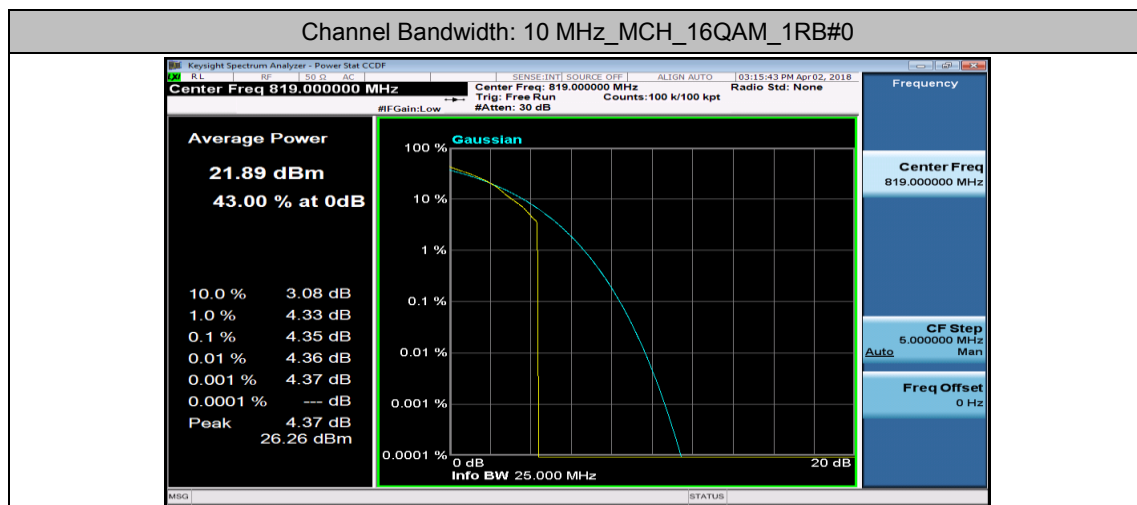
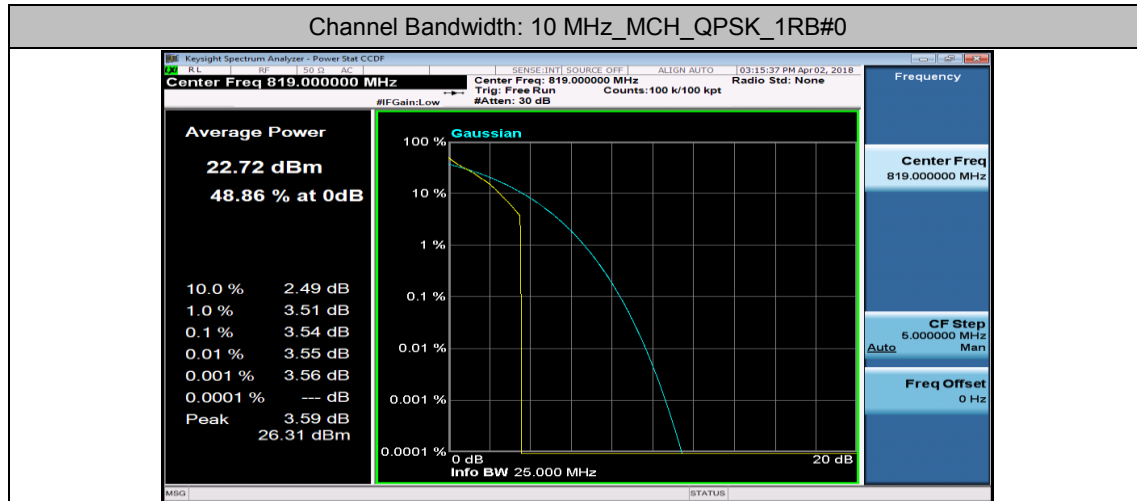


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0





Channel Bandwidth: 10 MHz





Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	6	0	1.0754	1.190	PASS
	MCH	6	0	1.0765	1.193	PASS
	HCH	6	0	1.0758	1.199	PASS
16QAM	LCH	6	0	1.0768	1.190	PASS
	MCH	6	0	1.0760	1.204	PASS
	HCH	6	0	1.0765	1.198	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	15	0	2.6877	2.908	PASS
	MCH	15	0	2.6861	2.898	PASS
	HCH	15	0	2.6870	2.875	PASS
16QAM	LCH	15	0	2.6882	2.898	PASS
	MCH	15	0	2.6832	2.877	PASS
	HCH	15	0	2.6810	2.889	PASS



Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	25	0	4.4705	4.804	PASS
	MCH	25	0	4.4737	4.773	PASS
	HCH	25	0	4.4692	4.754	PASS
16QAM	LCH	25	0	4.4918	4.848	PASS
	MCH	25	0	4.4801	4.814	PASS
	HCH	25	0	4.4726	4.804	PASS

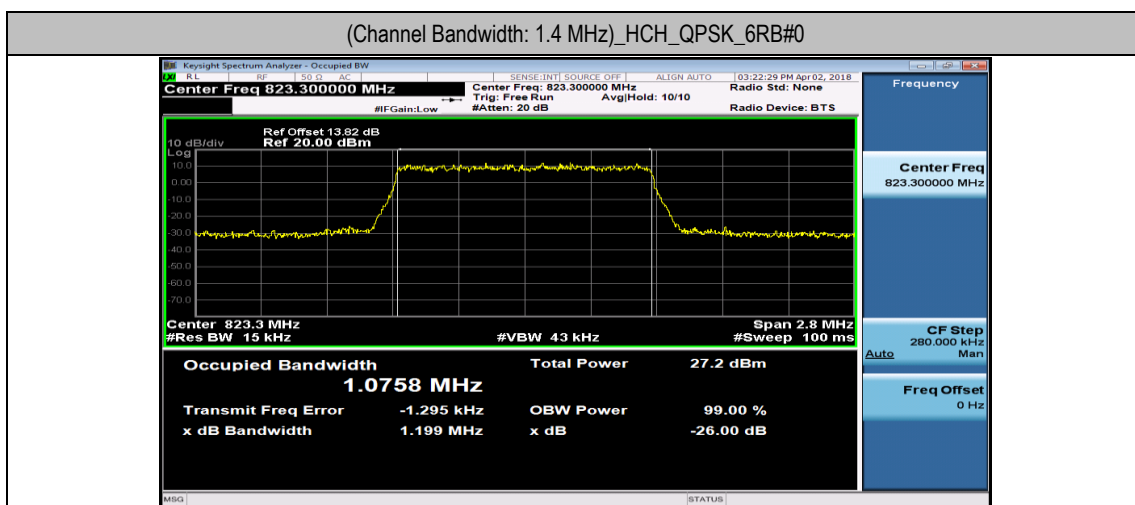
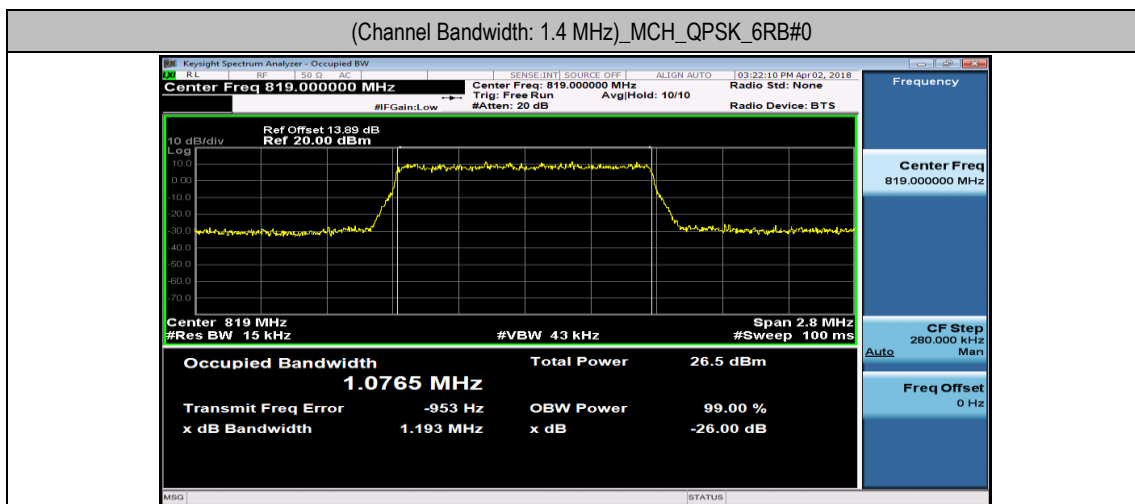
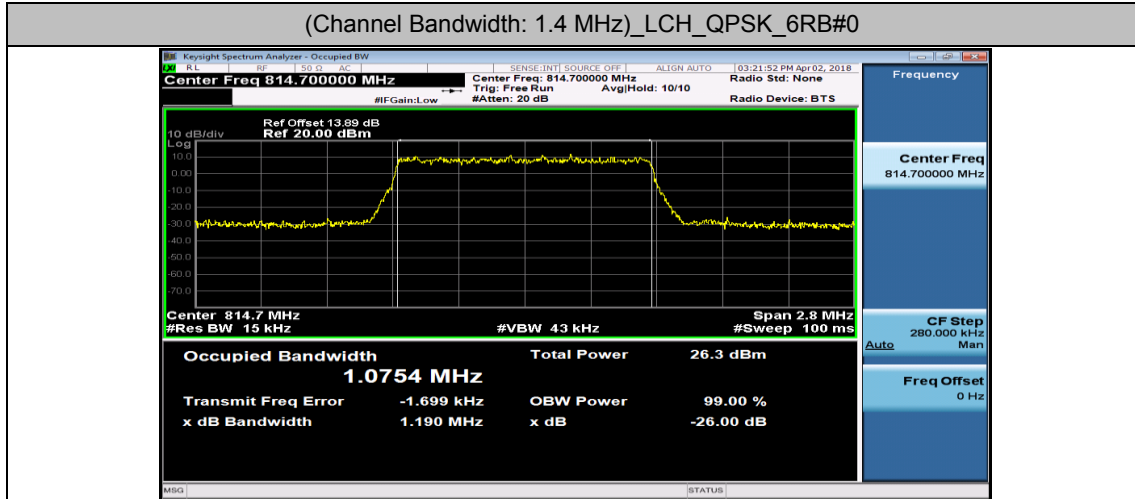
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	MCH	50	0	8.9311	9.380	PASS
16QAM	MCH	50	0	8.9430	9.422	PASS



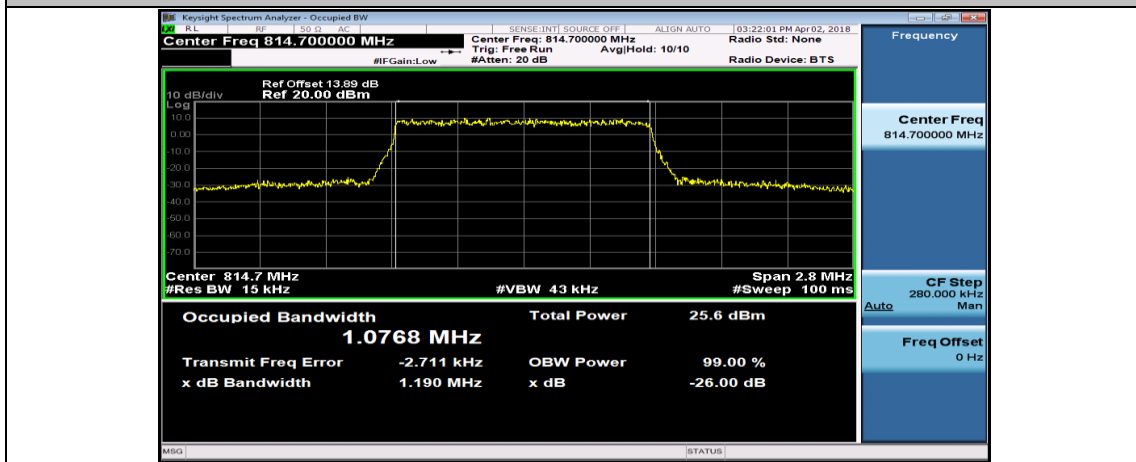
Test Graphs

Channel Bandwidth: 1.4 MHz

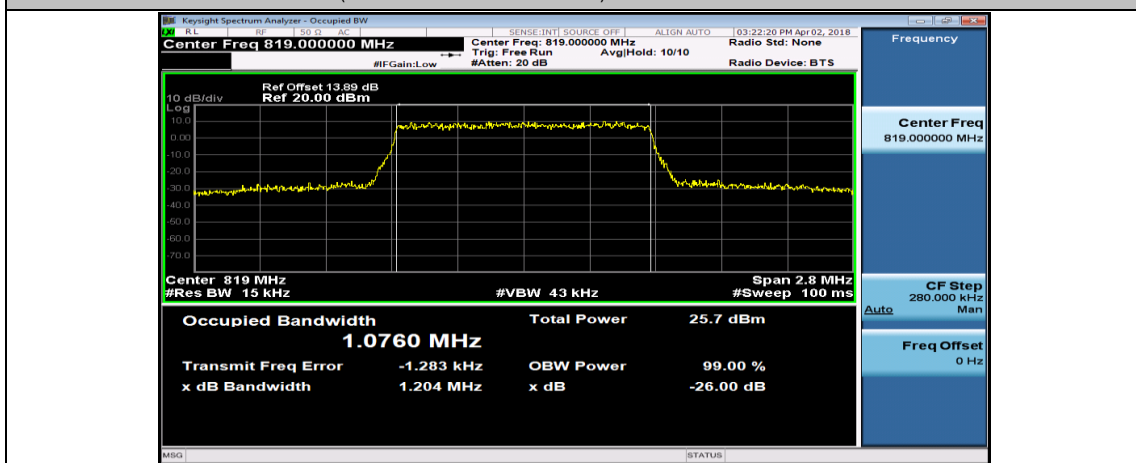




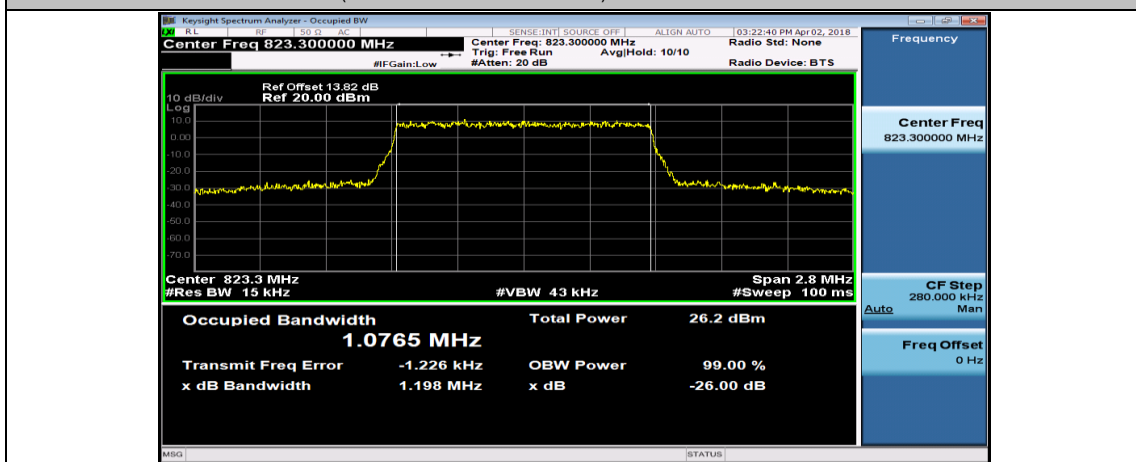
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



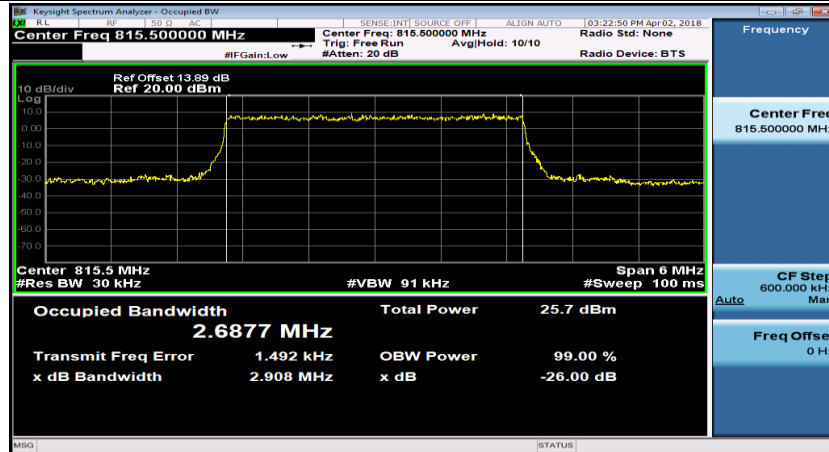
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0



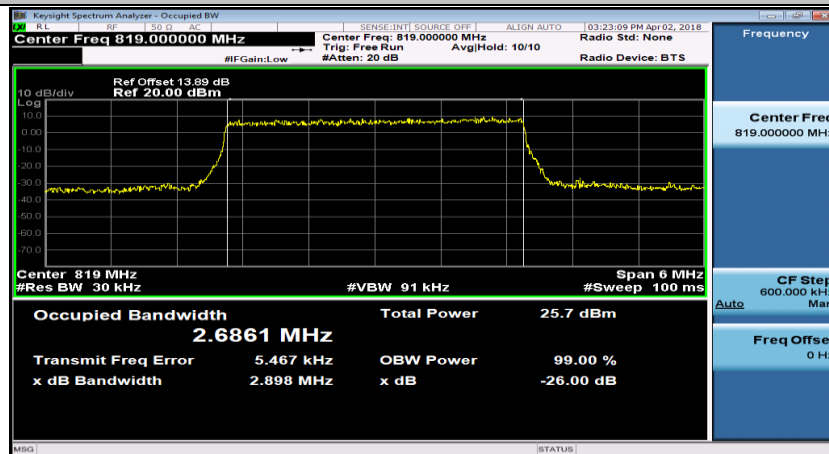


Channel Bandwidth: 3 MHz

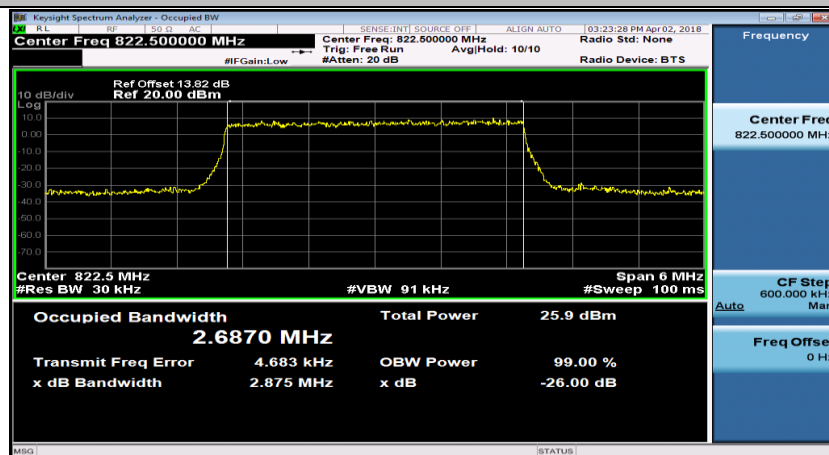
(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0

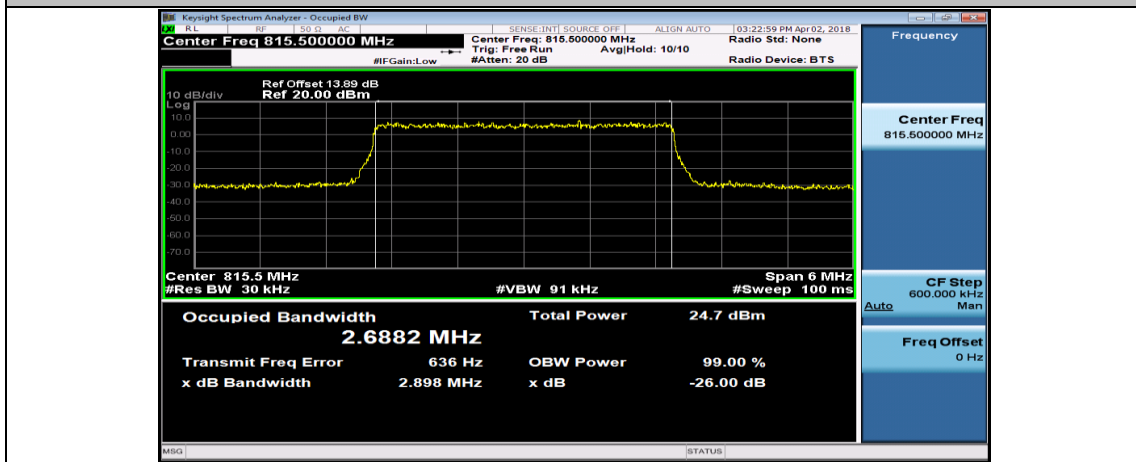


(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0

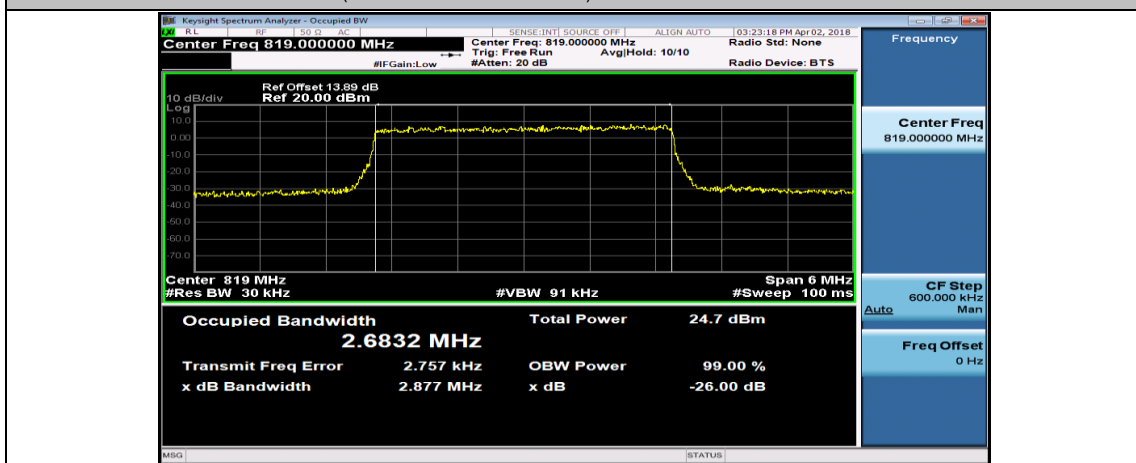




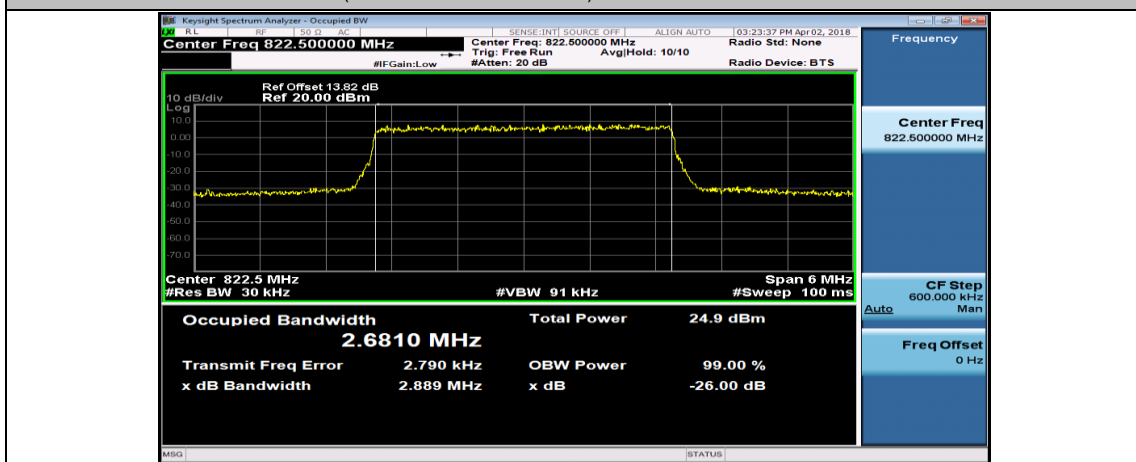
(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0



(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0



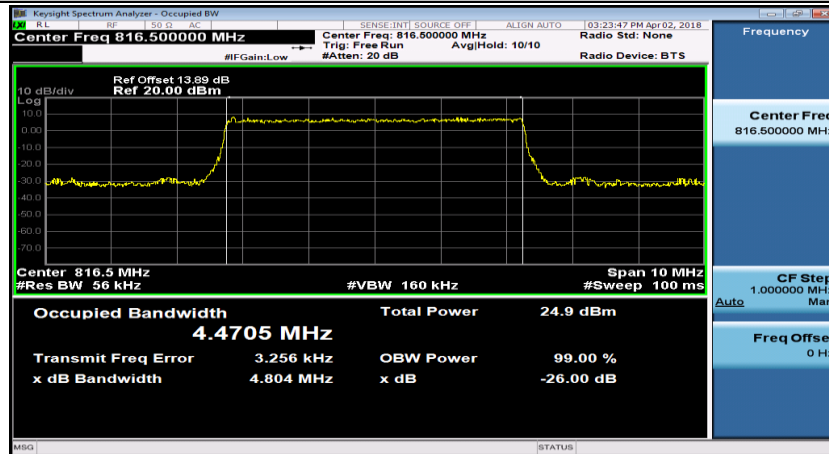
(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0



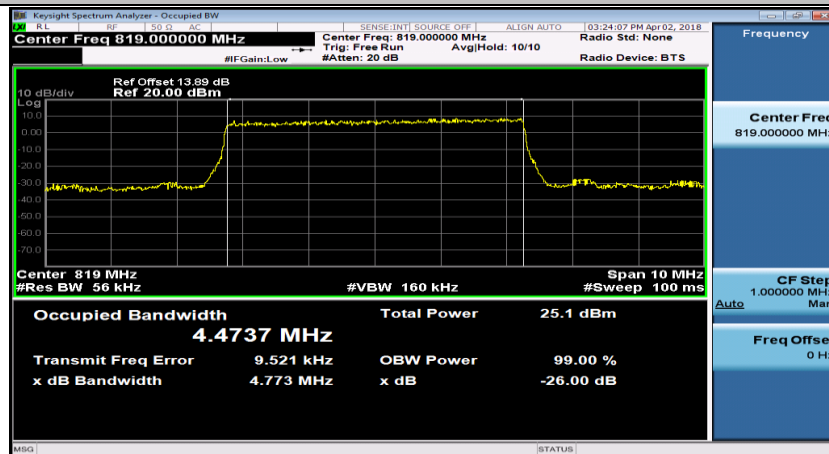


Channel Bandwidth: 5 MHz

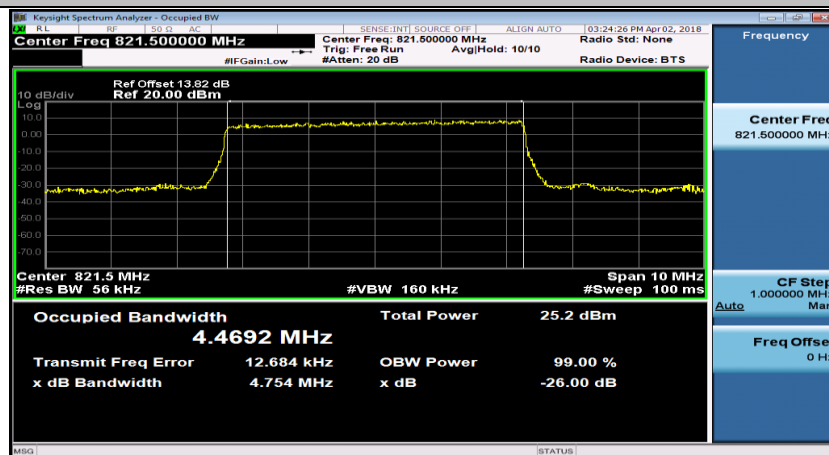
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0

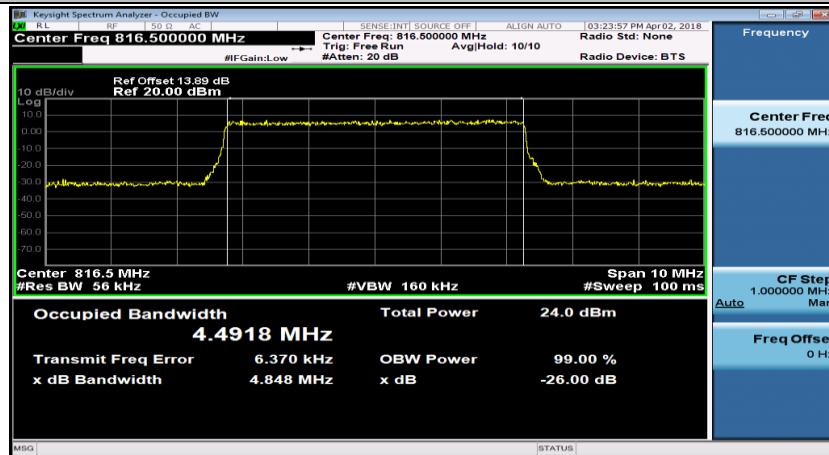


(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0

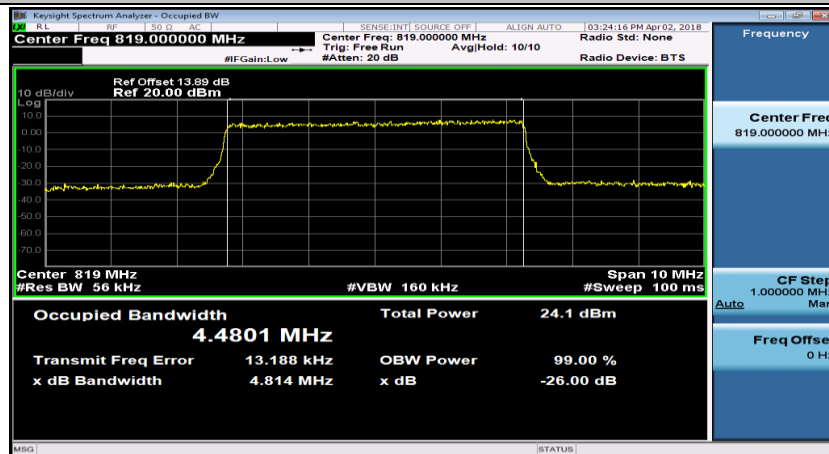




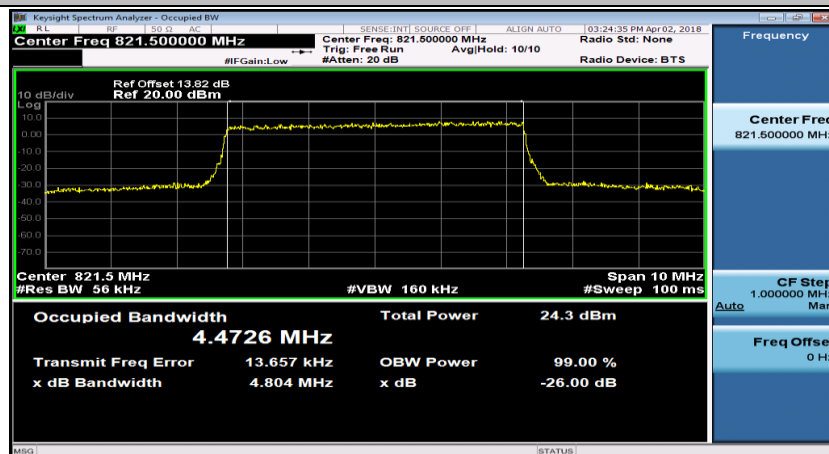
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



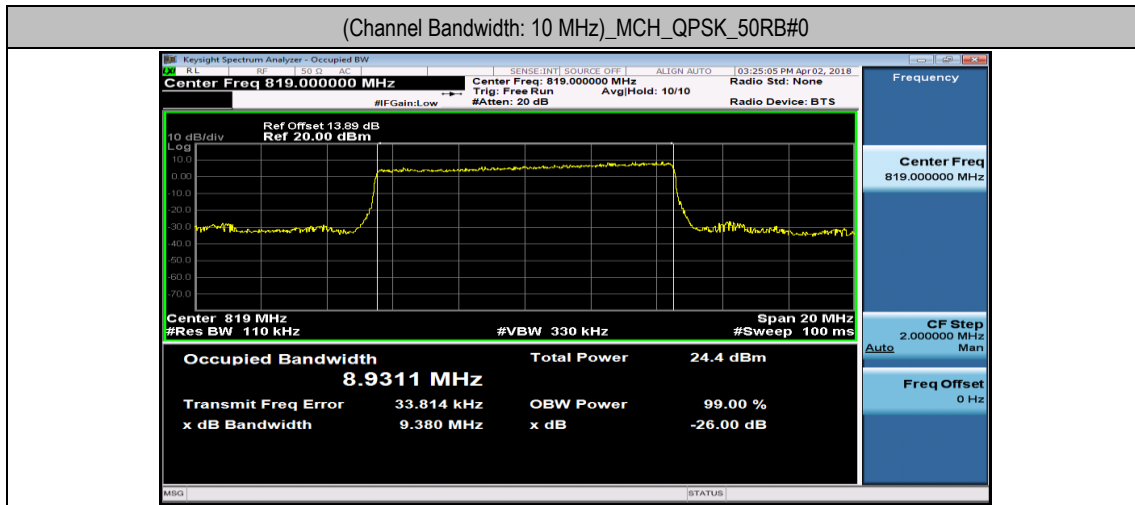
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



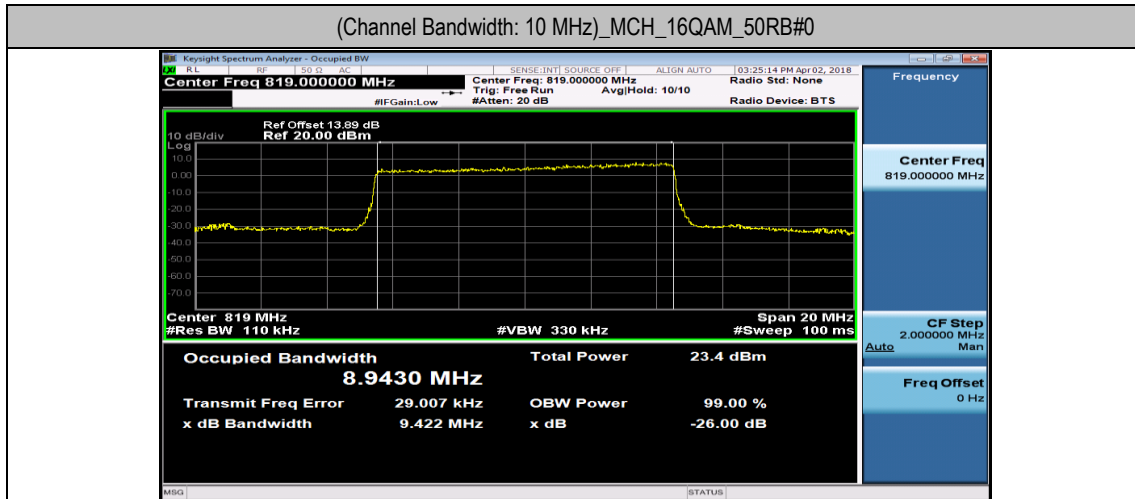


Channel Bandwidth: 10 MHz

(Channel Bandwidth: 10 MHz)_MCH_QPSK_50RB#0



(Channel Bandwidth: 10 MHz)_MCH_16QAM_50RB#0

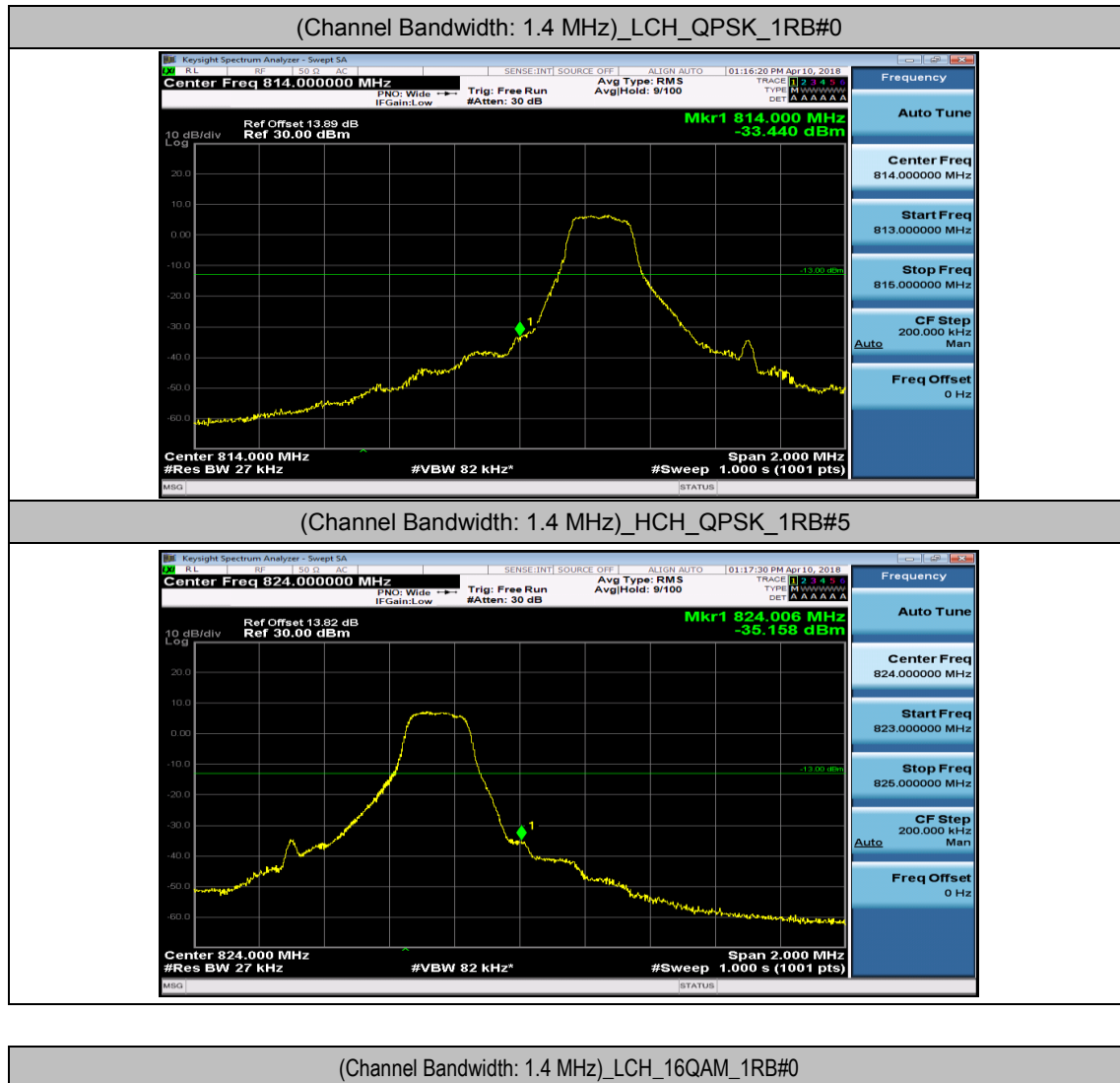


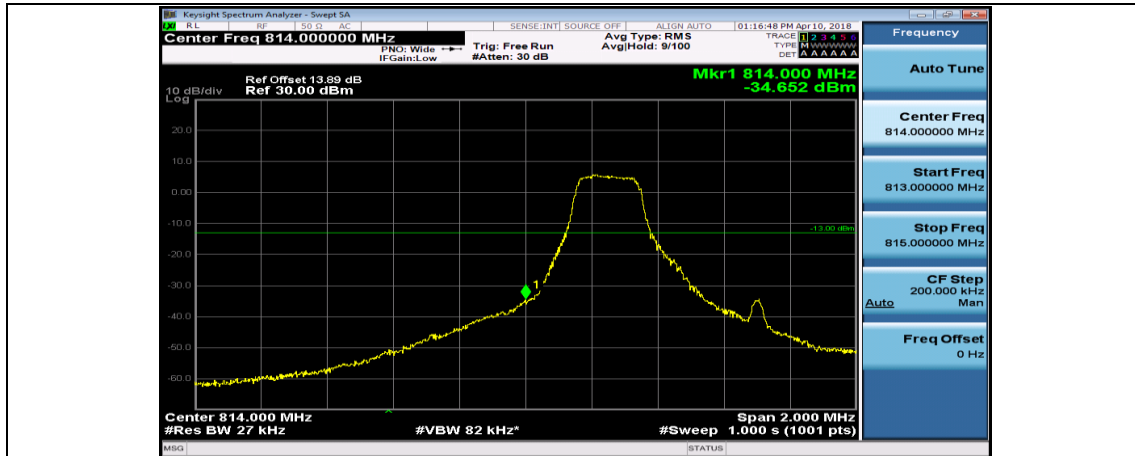


Appendix D: Band Edge

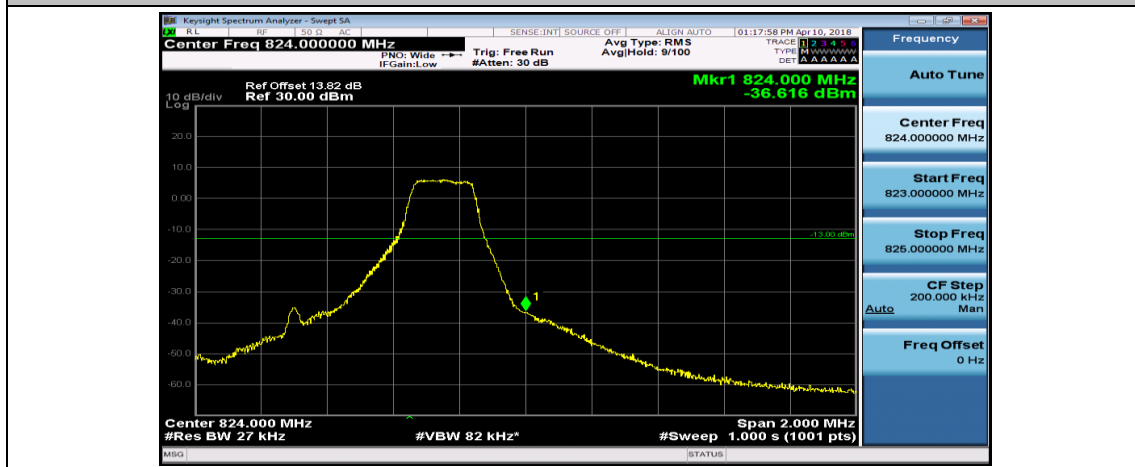
Test Graphs

Channel Bandwidth: 1.4 MHz

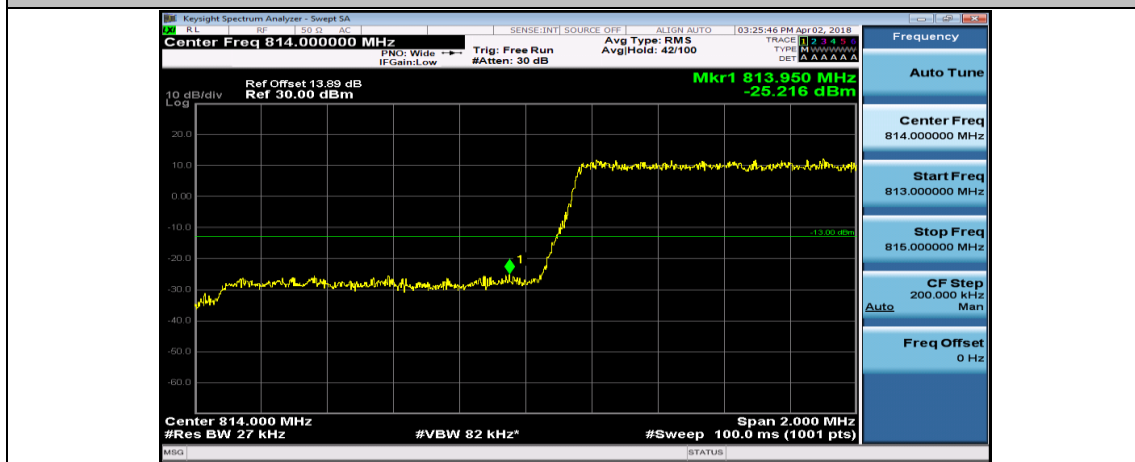




(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0

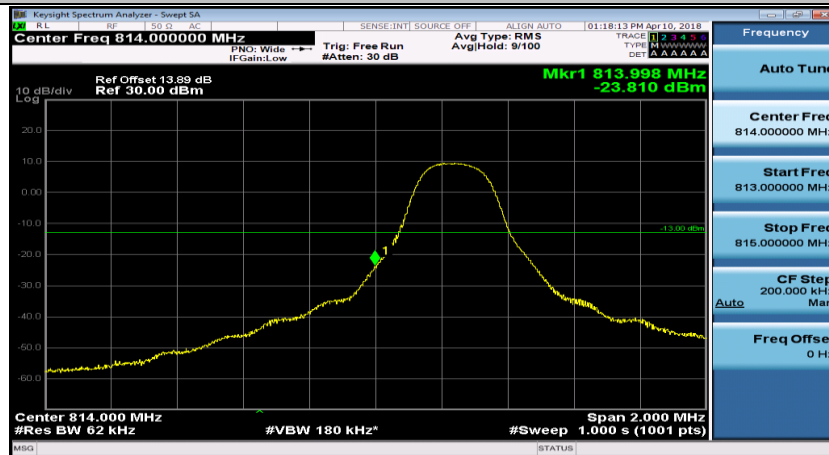


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0

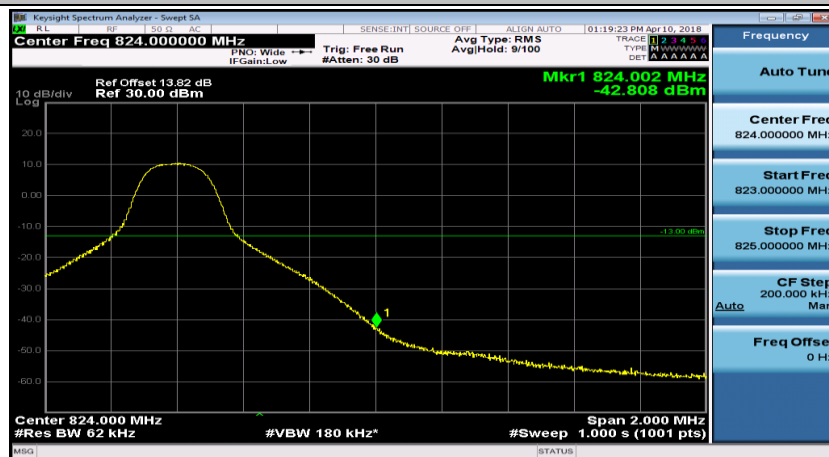


Channel Bandwidth: 3 MHz

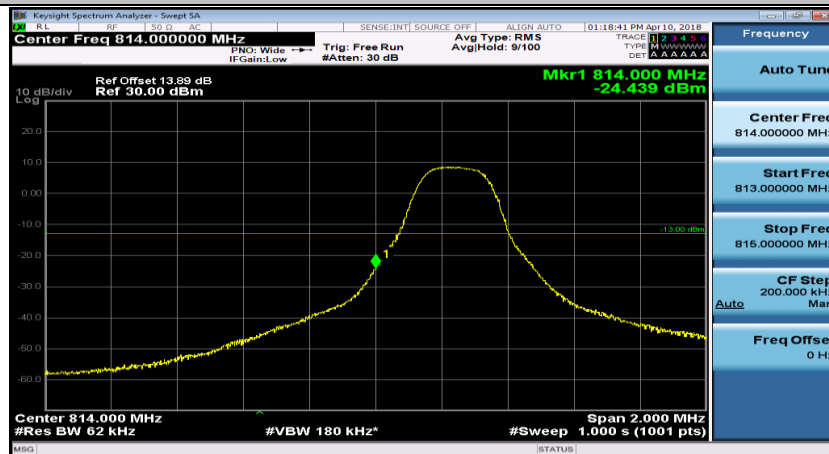
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



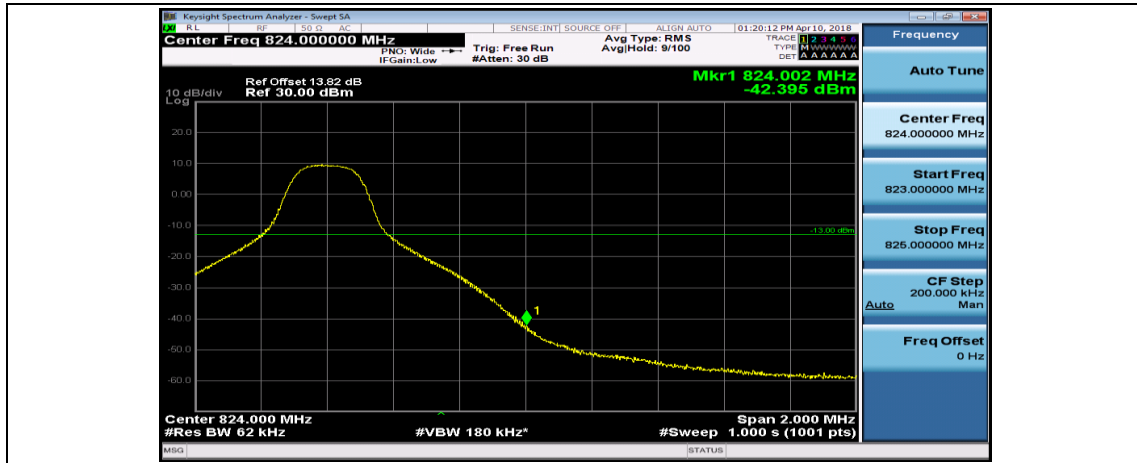
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14



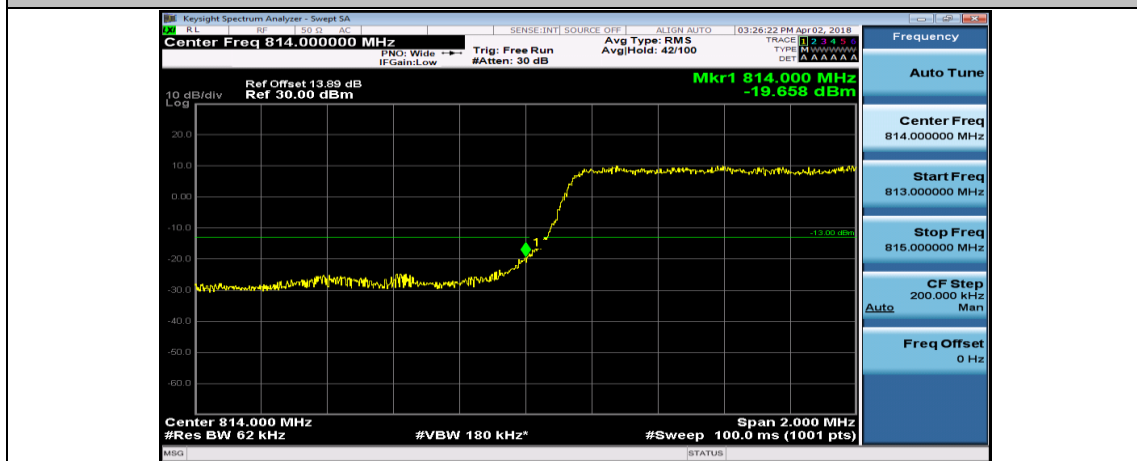
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



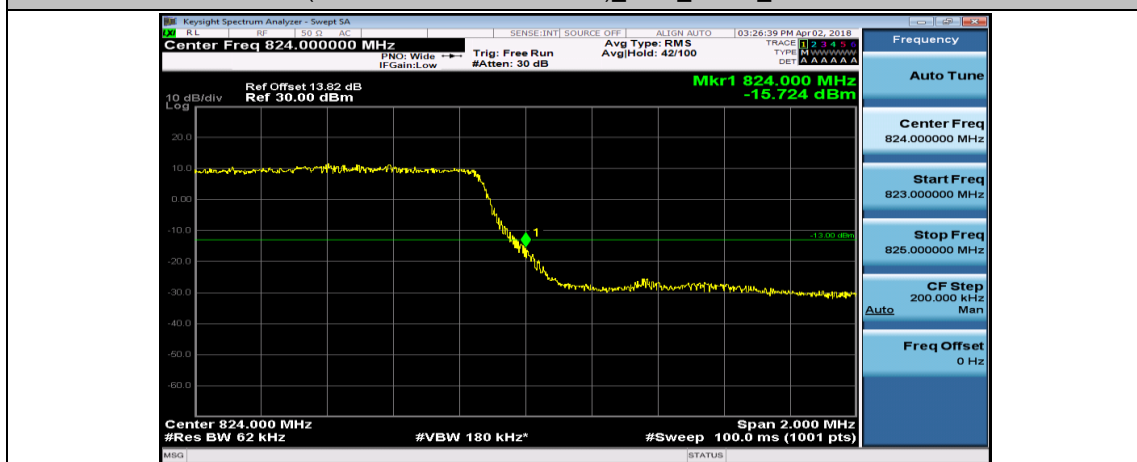
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#14



(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0

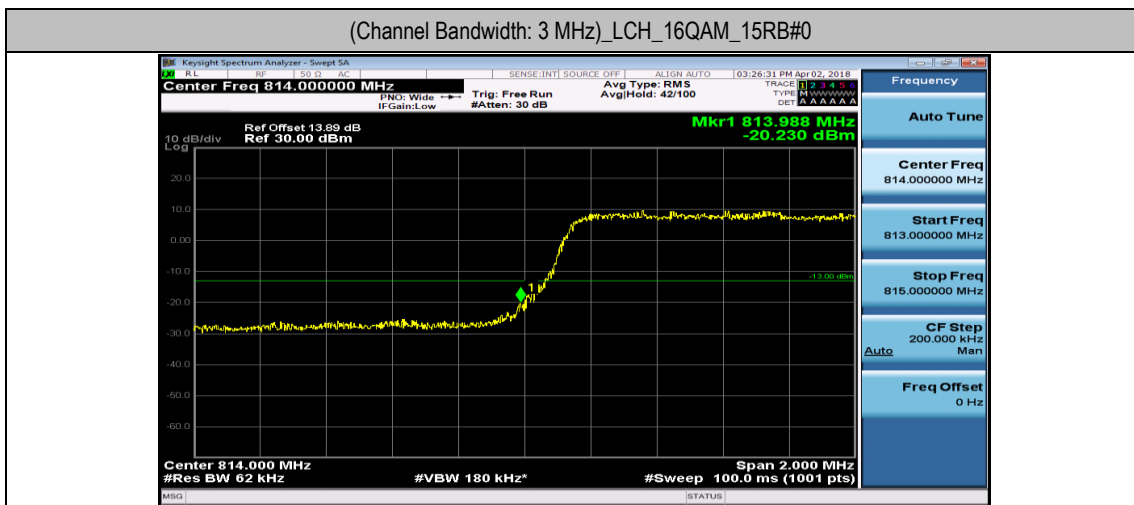


(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0

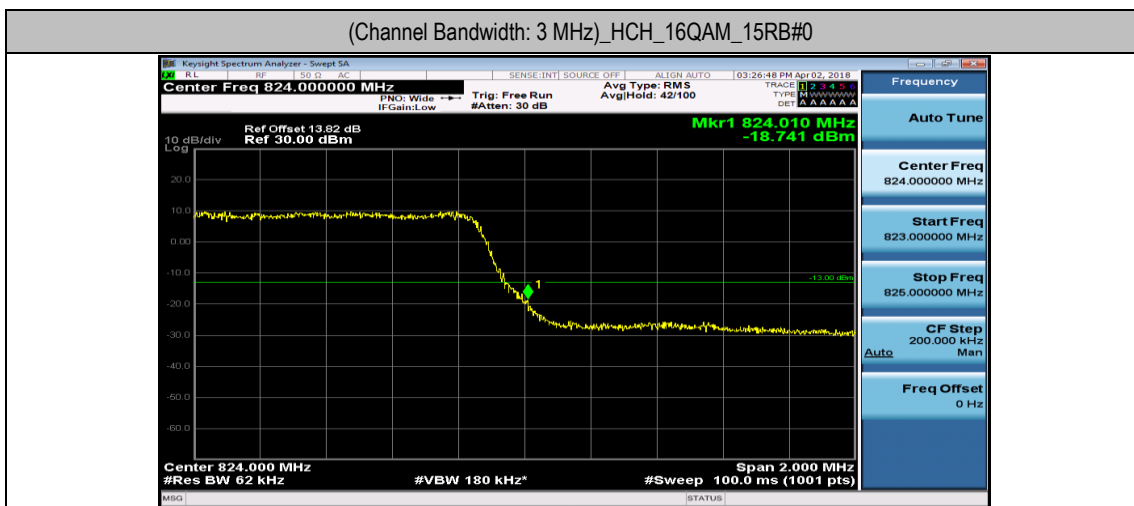




(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0

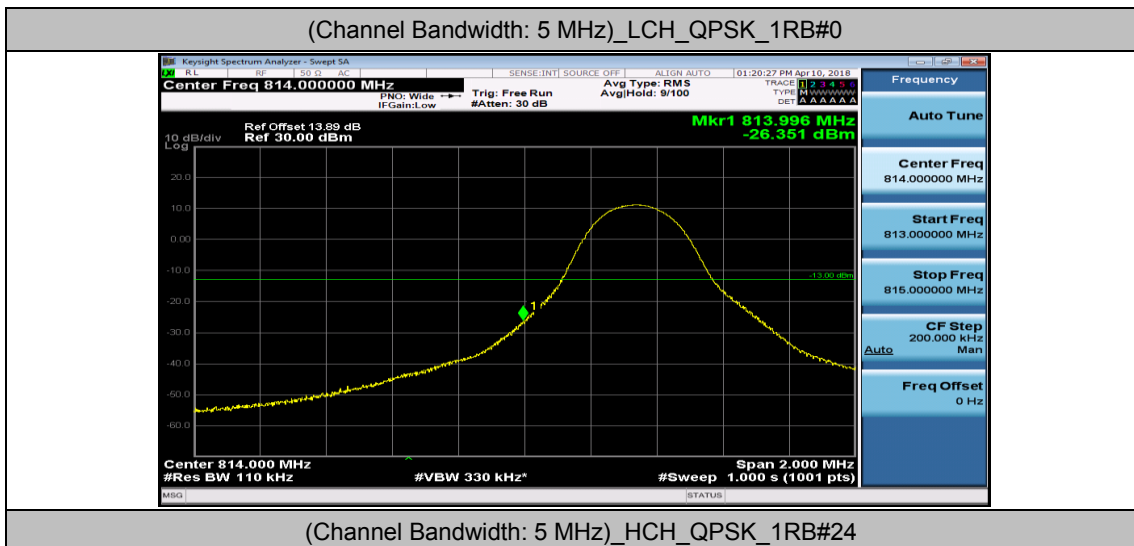


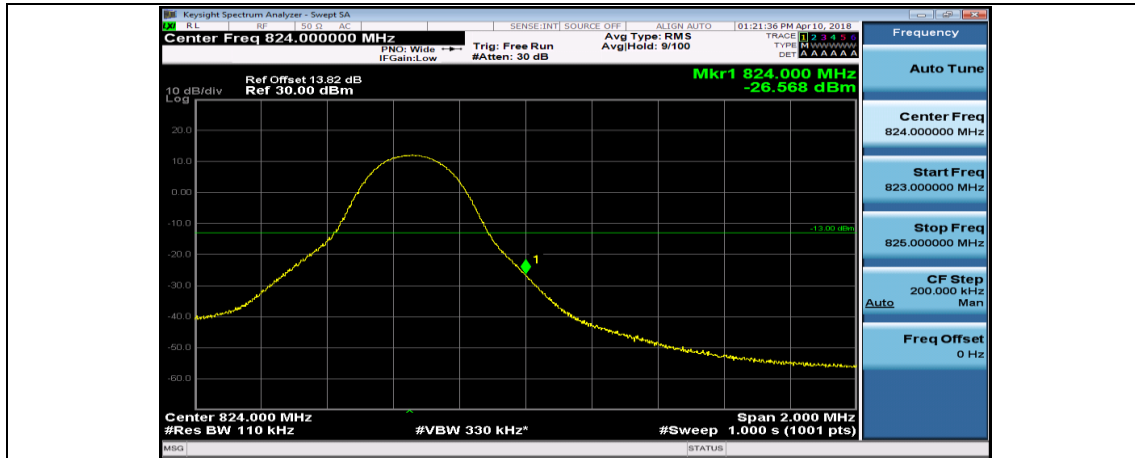
(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0



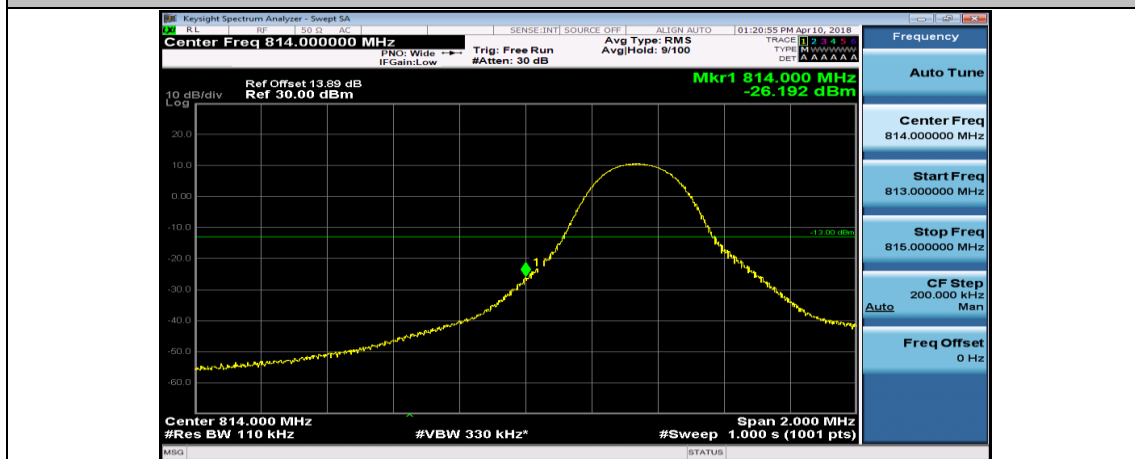
Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0

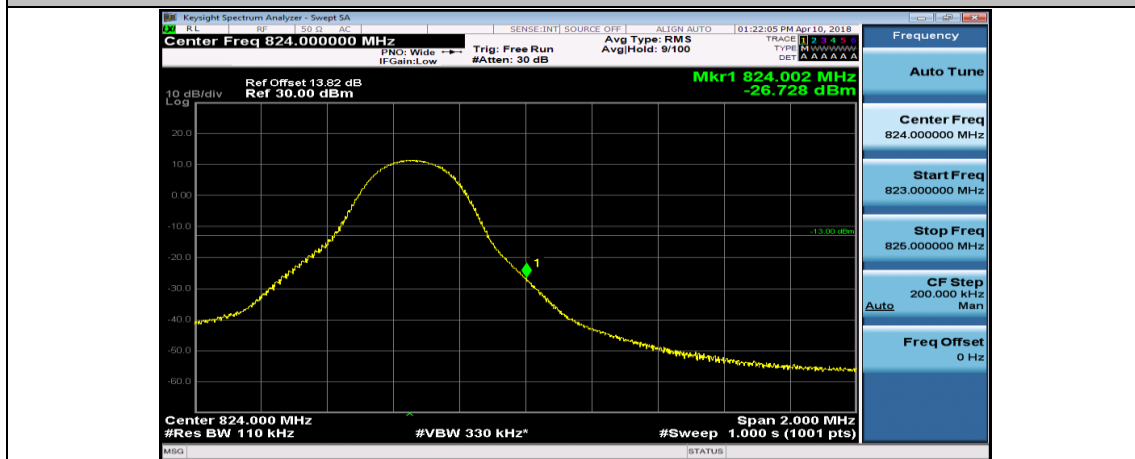




(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0

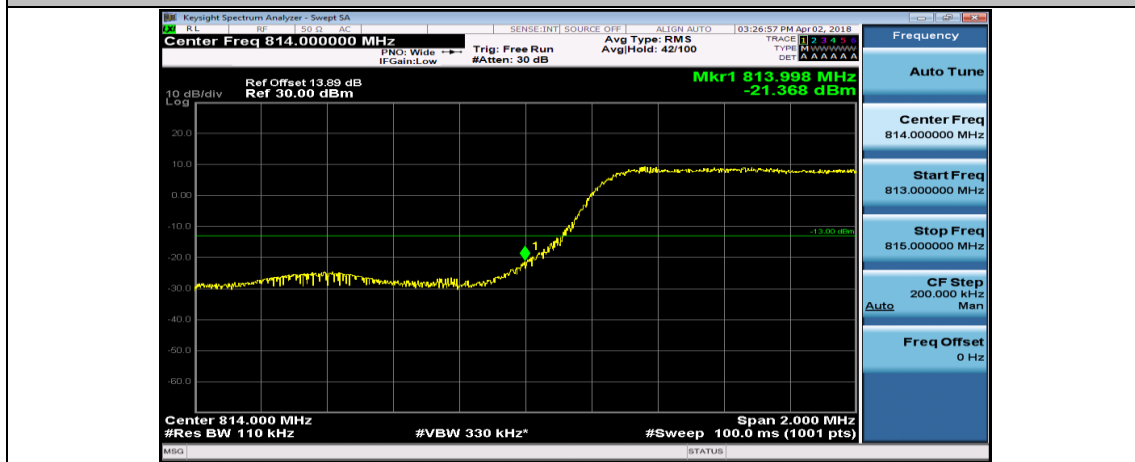


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24

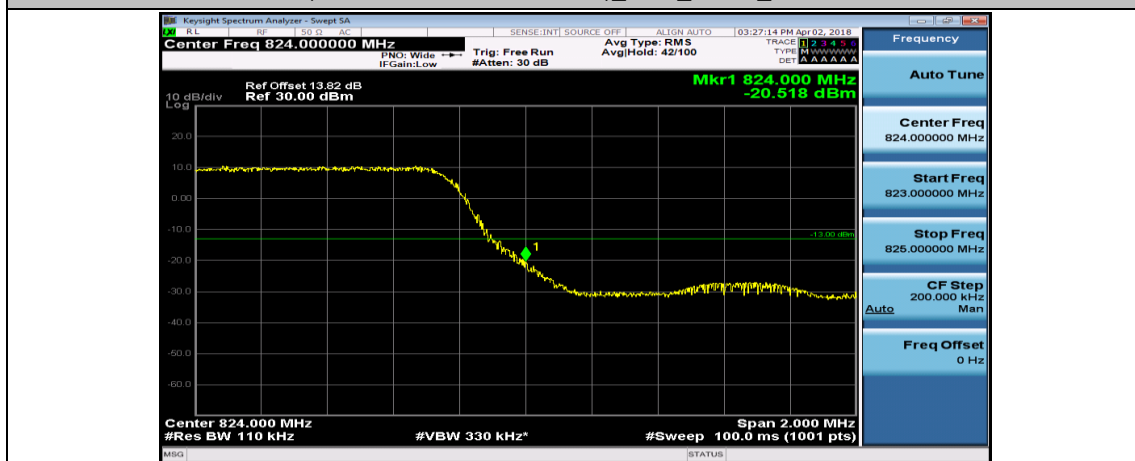




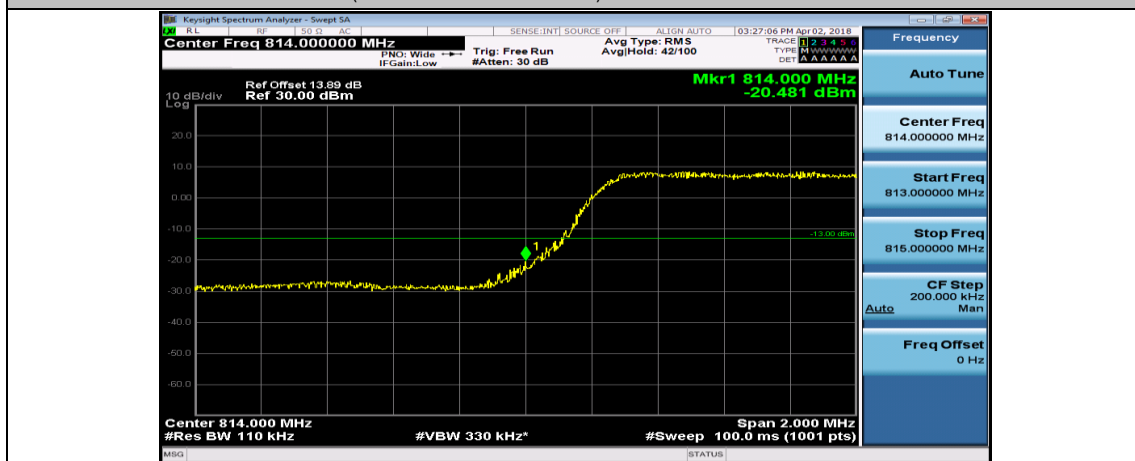
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0

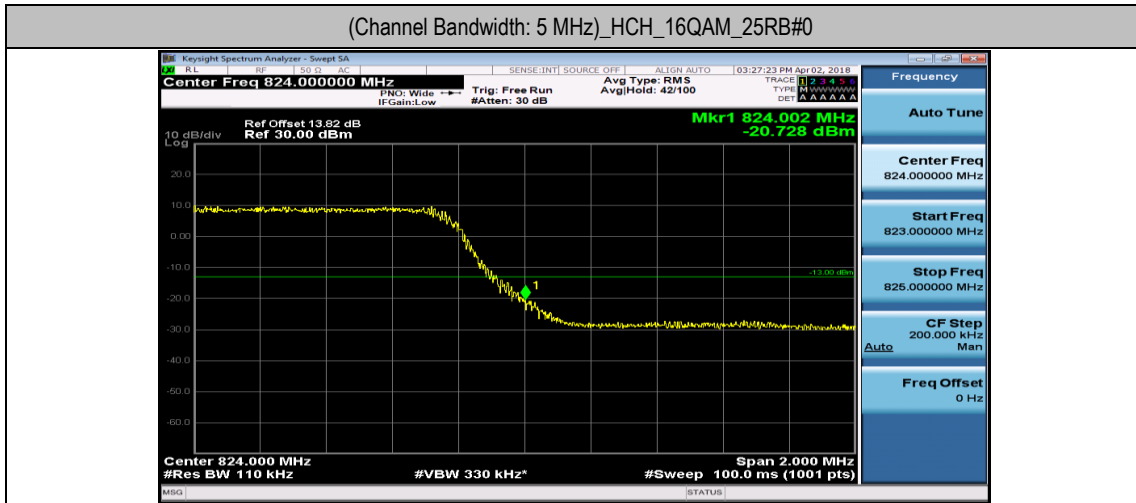


(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



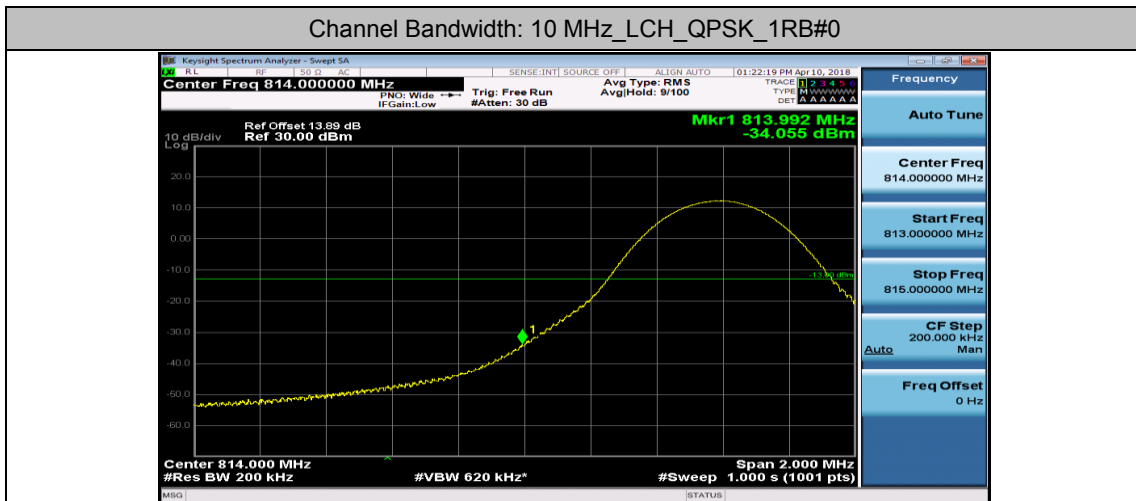


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

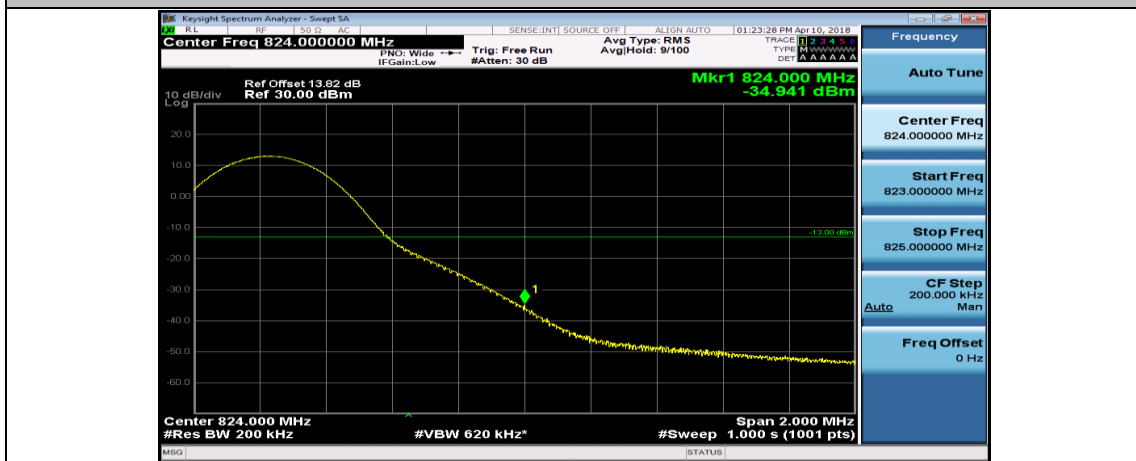


Channel Bandwidth: 10 MHz

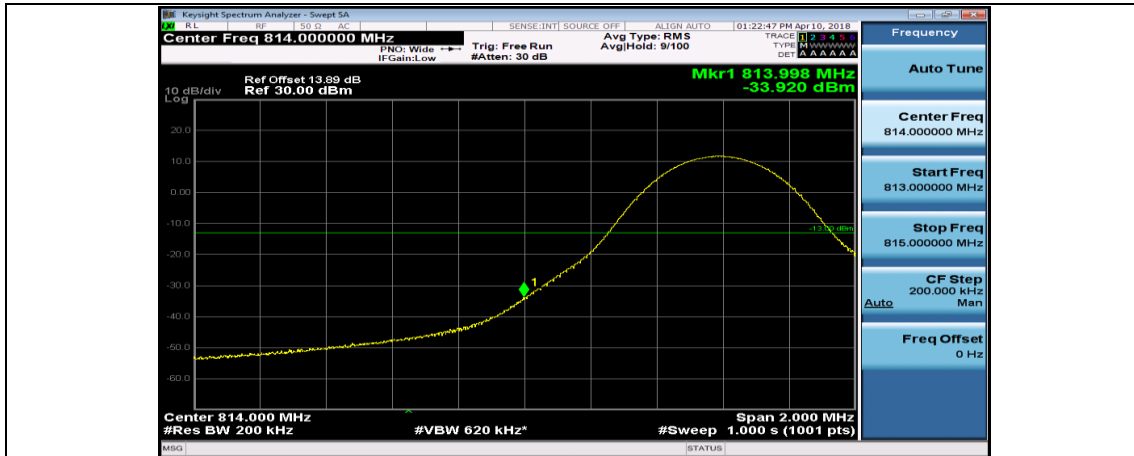
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0



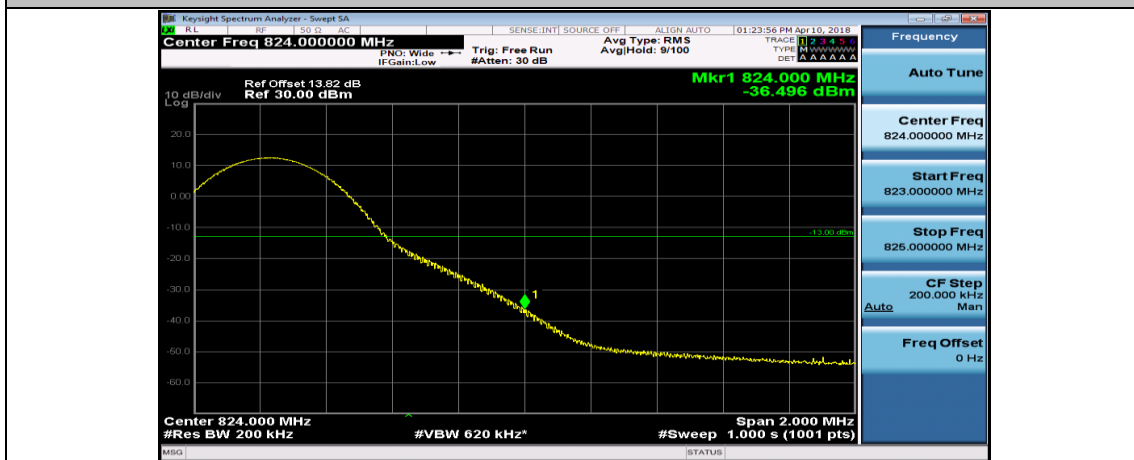
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49



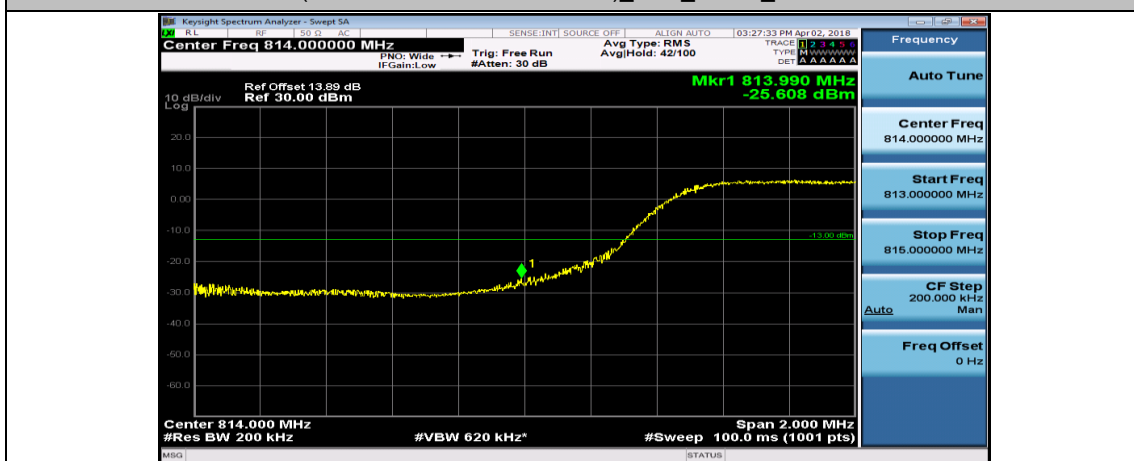
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49

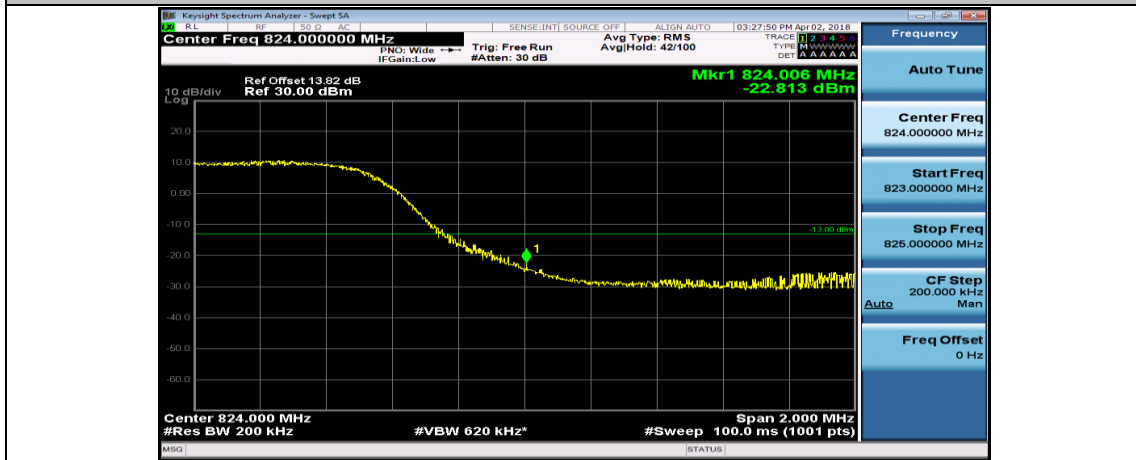


(Channel Bandwidth: 10 MHz)_LCH_QPSK_50RB#0

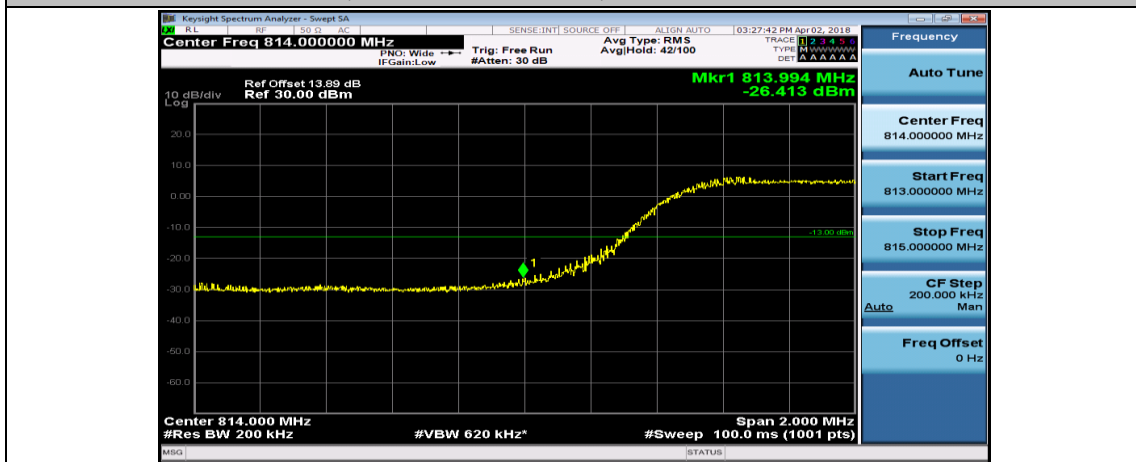




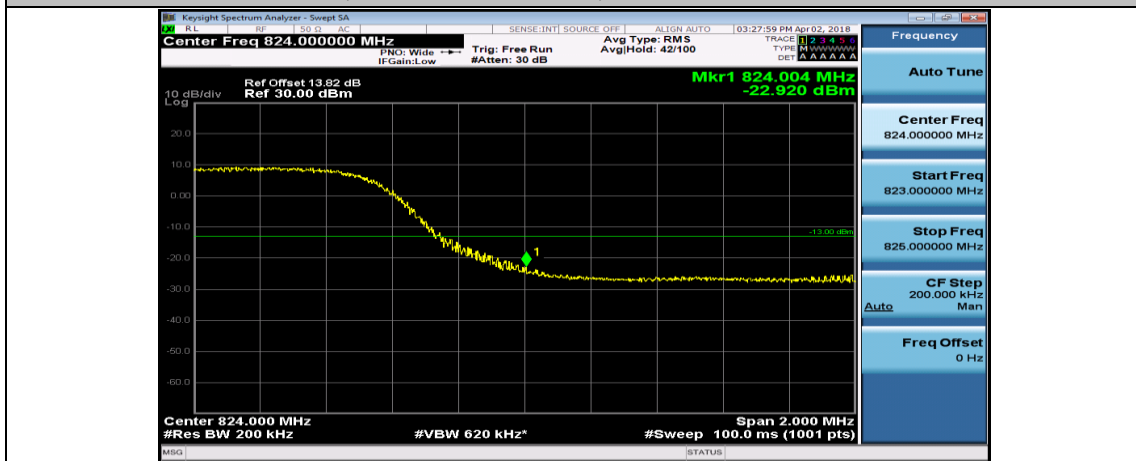
(Channel Bandwidth: 10 MHz)_HCH_QPSK_50RB#0



(Channel Bandwidth: 10 MHz)_LCH_16QAM_50RB#0



(Channel Bandwidth: 10 MHz)_HCH_16QAM_50RB#0

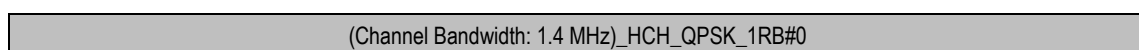
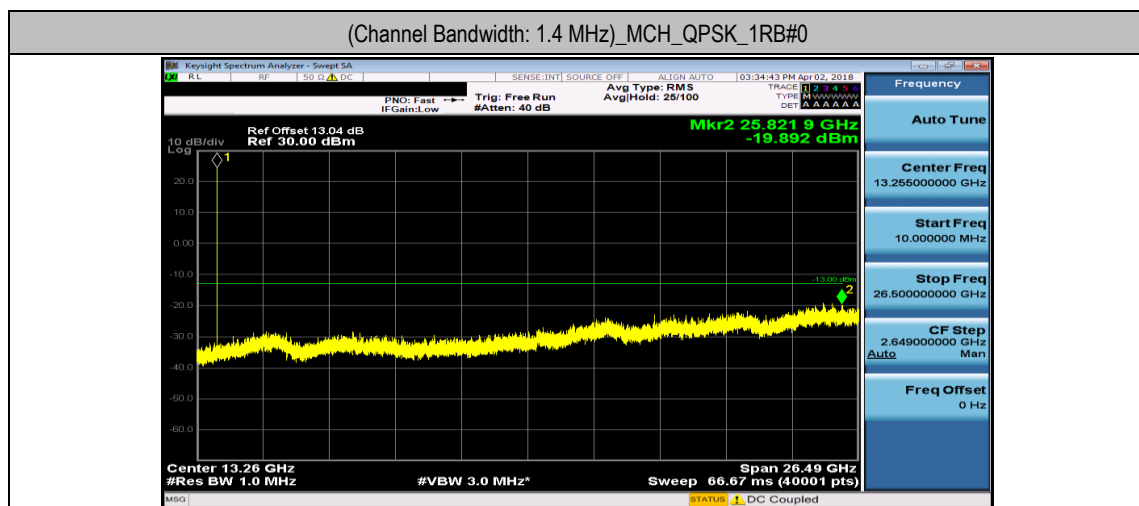
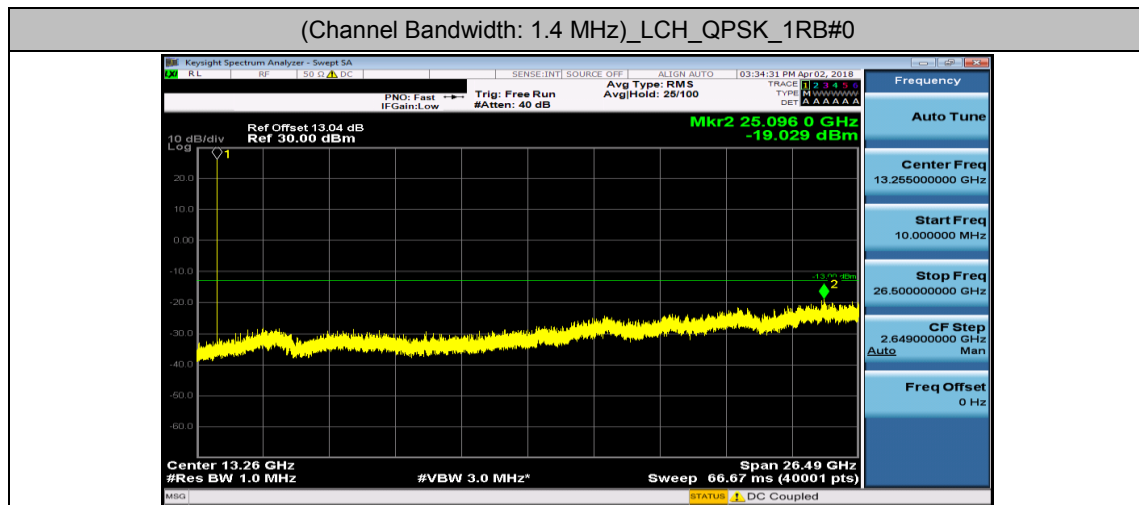


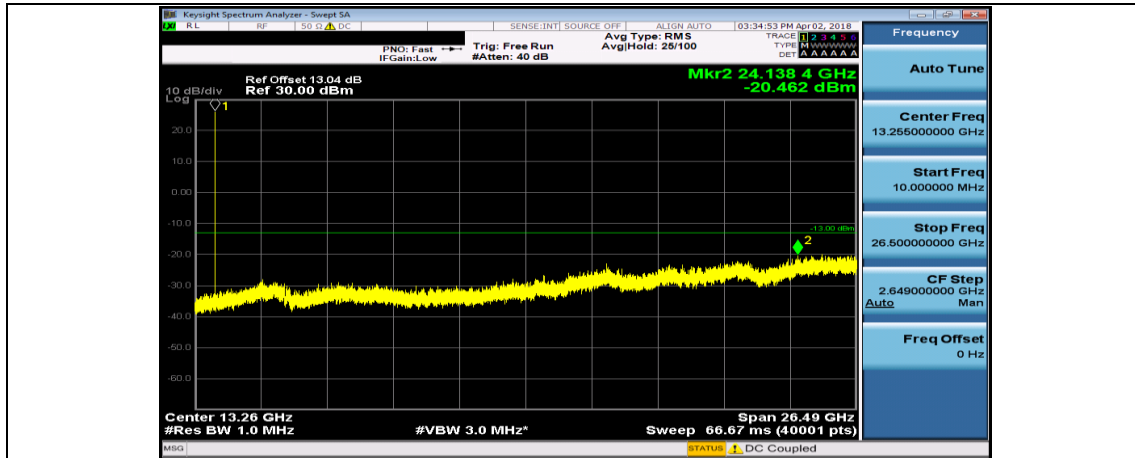


Appendix E: Conducted Spurious Emission

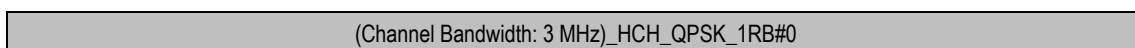
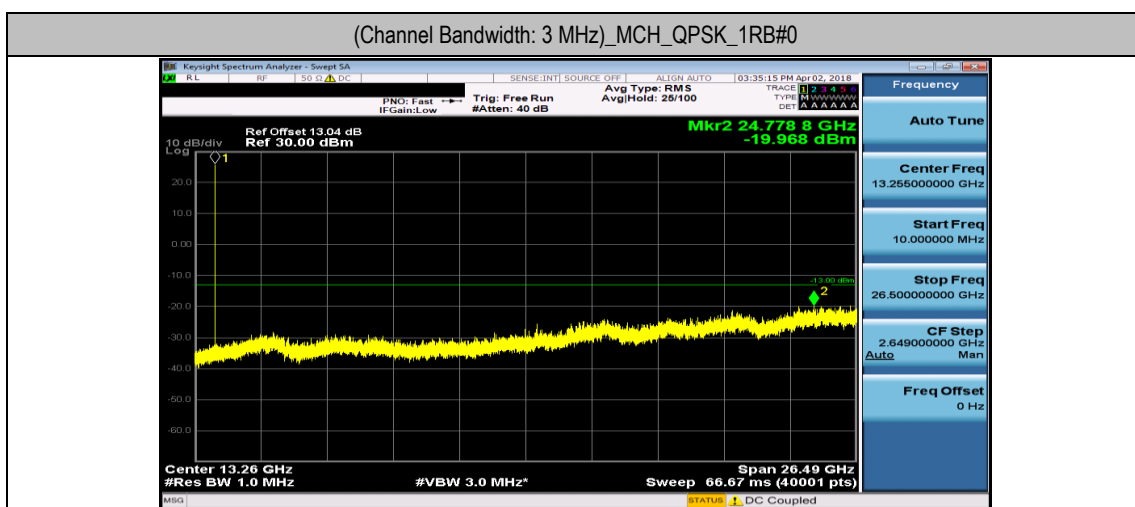
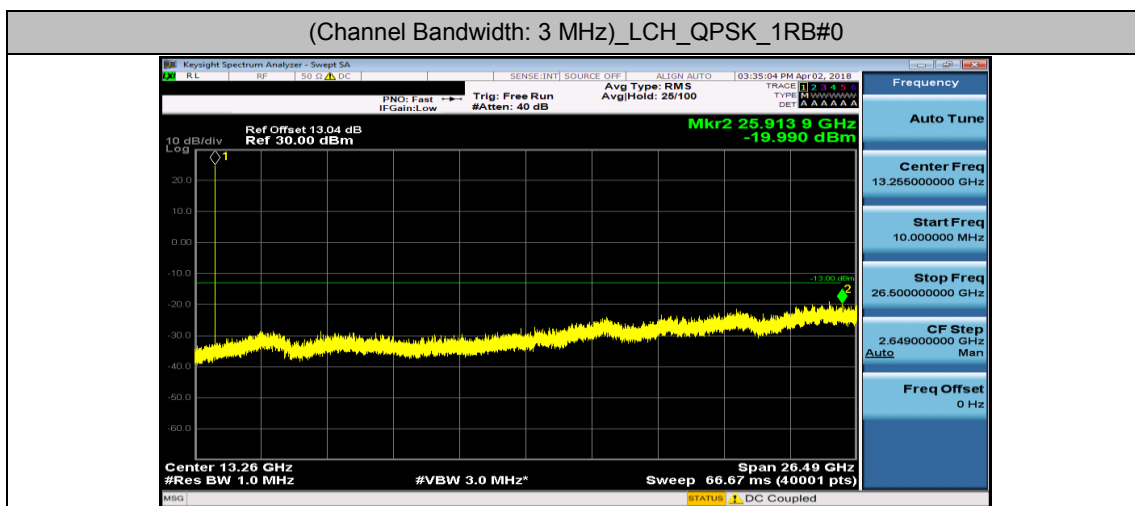
Test Graphs

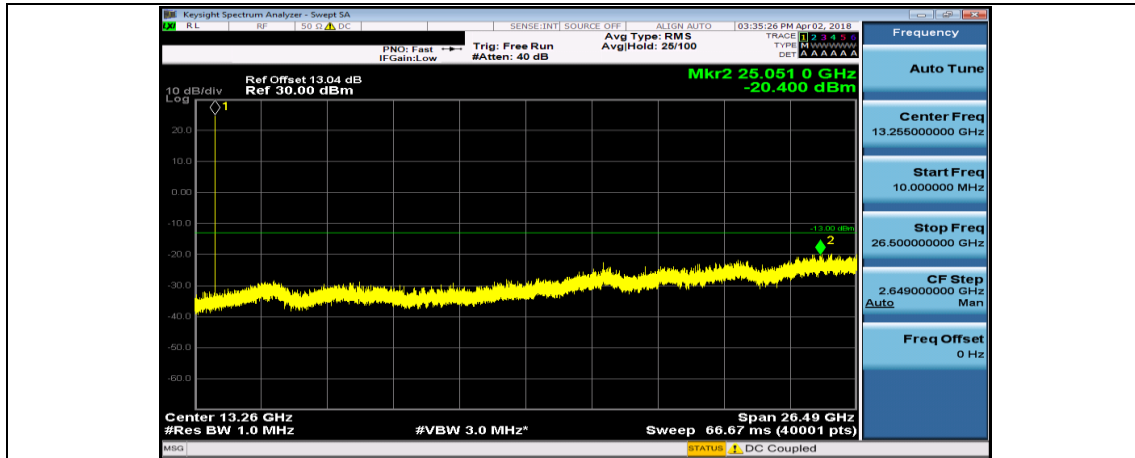
Channel Bandwidth: 1.4 MHz



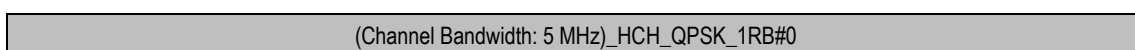
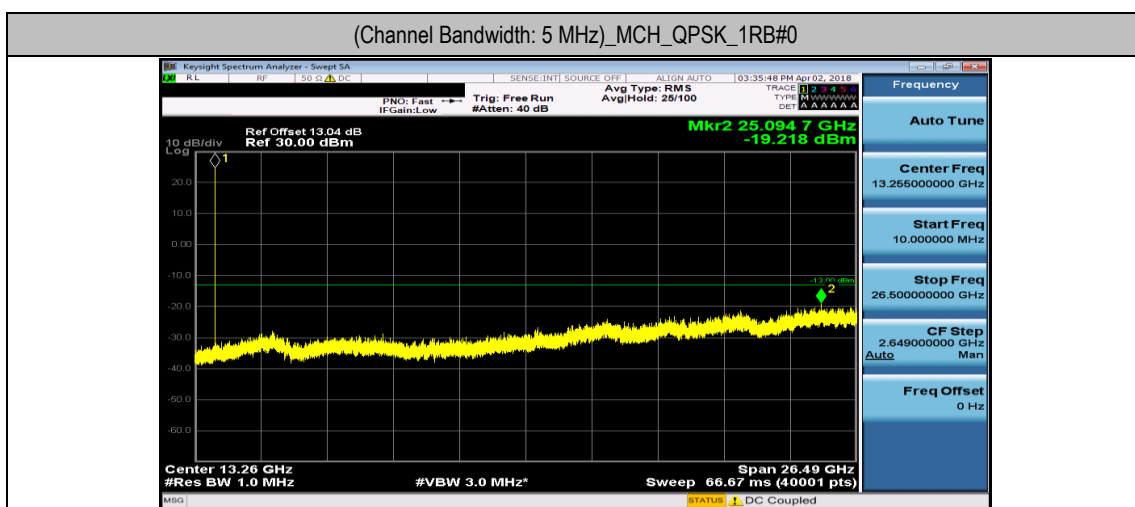
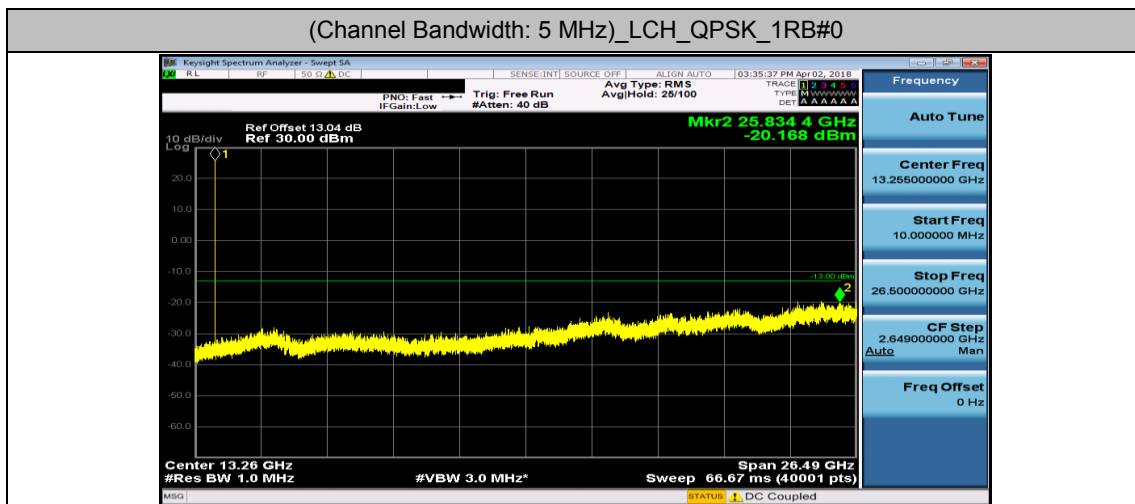


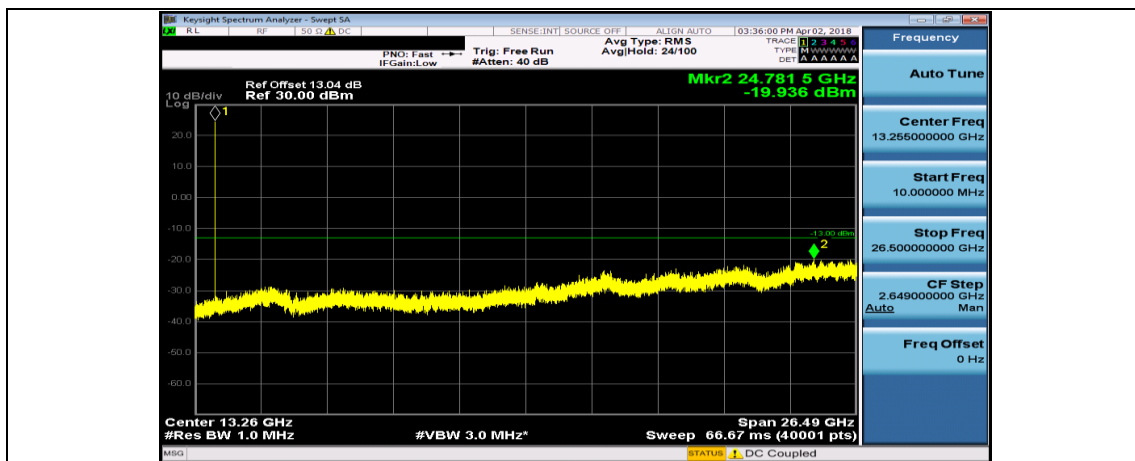
Channel Bandwidth: 3 MHz



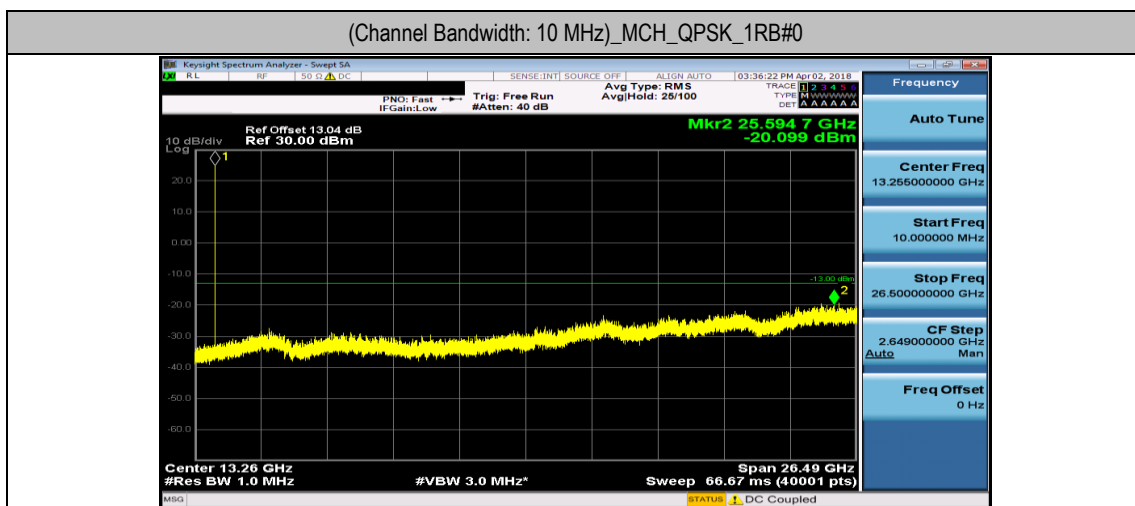


Channel Bandwidth: 5 MHz





Channel Bandwidth: 10 MHz





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	1.50	0.001841	± 2.5	PASS
		VN	TN	0.20	0.000245	± 2.5	PASS
		VH	TN	1.30	0.001596	± 2.5	PASS
	MCH	VL	TN	-1.10	-0.001343	± 2.5	PASS
		VN	TN	-0.80	-0.000977	± 2.5	PASS
		VH	TN	-0.50	-0.000611	± 2.5	PASS
	HCH	VL	TN	1.70	0.002065	± 2.5	PASS
		VN	TN	-0.50	-0.000607	± 2.5	PASS
		VH	TN	0.90	0.001093	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-0.70	-0.000859	± 2.5	PASS
		VN	-20	-0.20	-0.000245	± 2.5	PASS
		VN	-10	2.20	0.002700	± 2.5	PASS
		VN	0	-1.40	-0.001718	± 2.5	PASS
		VN	10	1.70	0.002087	± 2.5	PASS
		VN	20	0.50	0.000614	± 2.5	PASS
		VN	30	0.90	0.001105	± 2.5	PASS
		VN	40	2.10	0.002578	± 2.5	PASS
		VN	50	1.90	0.002332	± 2.5	PASS
	MCH	VN	-30	-0.80	-0.000977	± 2.5	PASS
		VN	-20	-1.80	-0.002198	± 2.5	PASS
		VN	-10	-0.60	-0.000733	± 2.5	PASS
		VN	0	-1.30	-0.001587	± 2.5	PASS
		VN	10	-1.50	-0.001832	± 2.5	PASS
		VN	20	1.00	0.001221	± 2.5	PASS
		VN	30	0.60	0.000733	± 2.5	PASS
		VN	40	-1.10	-0.001343	± 2.5	PASS
		VN	50	0.40	0.000488	± 2.5	PASS
	HCH	VN	-30	1.40	0.001700	± 2.5	PASS
		VN	-20	1.20	0.001458	± 2.5	PASS
		VN	-10	1.90	0.002308	± 2.5	PASS
		VN	0	-1.60	-0.001943	± 2.5	PASS
		VN	10	-0.40	-0.000486	± 2.5	PASS
		VN	20	1.70	0.002065	± 2.5	PASS



		VN	30	-1.60	-0.001943	± 2.5	PASS
		VN	40	1.10	0.001336	± 2.5	PASS
		VN	50	0.80	0.000972	± 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	1.10	0.001349	± 2.5	PASS
		VN	TN	-0.30	-0.000368	± 2.5	PASS
		VH	TN	1.70	0.002085	± 2.5	PASS
	MCH	VL	TN	-2.50	-0.003053	± 2.5	PASS
		VN	TN	-1.00	-0.001221	± 2.5	PASS
		VH	TN	-2.10	-0.002564	± 2.5	PASS
	HCH	VL	TN	-0.10	-0.000122	± 2.5	PASS
		VN	TN	1.50	0.001824	± 2.5	PASS
		VH	TN	0.90	0.001094	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-0.50	-0.000613	± 2.5	PASS
		VN	-20	0.40	0.000490	± 2.5	PASS
		VN	-10	1.40	0.001717	± 2.5	PASS
		VN	0	1.50	0.001839	± 2.5	PASS
		VN	10	0.70	0.000858	± 2.5	PASS
		VN	20	0.90	0.001104	± 2.5	PASS
		VN	30	-1.00	-0.001226	± 2.5	PASS
		VN	40	-2.00	-0.002452	± 2.5	PASS
		VN	50	-1.00	-0.001226	± 2.5	PASS
	MCH	VN	-30	-2.90	-0.003541	± 2.5	PASS
		VN	-20	-2.90	-0.003541	± 2.5	PASS
		VN	-10	-0.10	-0.000122	± 2.5	PASS
		VN	0	-0.20	-0.000244	± 2.5	PASS
		VN	10	-1.80	-0.002198	± 2.5	PASS
		VN	20	-1.30	-0.001587	± 2.5	PASS
		VN	30	-2.50	-0.003053	± 2.5	PASS
		VN	40	-1.60	-0.001954	± 2.5	PASS
		VN	50	-2.50	-0.003053	± 2.5	PASS
	HCH	VN	-30	-0.30	-0.000365	± 2.5	PASS
		VN	-20	0.10	0.000122	± 2.5	PASS
		VN	-10	-1.90	-0.002310	± 2.5	PASS
		VN	0	-0.30	-0.000365	± 2.5	PASS
		VN	10	-1.00	-0.001216	± 2.5	PASS
		VN	20	-0.40	-0.000486	± 2.5	PASS
		VN	30	0.70	0.000851	± 2.5	PASS
		VN	40	-0.10	-0.000122	± 2.5	PASS



		VN	50	0.70	0.000851	± 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	-0.10	-0.000122	± 2.5	PASS
		VN	TN	0.00	0.000000	± 2.5	PASS
		VH	TN	1.20	0.001470	± 2.5	PASS
	MCH	VL	TN	-2.00	-0.002442	± 2.5	PASS
		VN	TN	-1.10	-0.001343	± 2.5	PASS
		VH	TN	-1.20	-0.001465	± 2.5	PASS
	HCH	VL	TN	-1.60	-0.001948	± 2.5	PASS
		VN	TN	1.50	0.001826	± 2.5	PASS
		VH	TN	-0.70	-0.000852	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-1.10	-0.001347	± 2.5	PASS
		VN	-20	1.90	0.002327	± 2.5	PASS
		VN	-10	0.00	0.000000	± 2.5	PASS
		VN	0	0.30	0.000367	± 2.5	PASS
		VN	10	-0.60	-0.000735	± 2.5	PASS
		VN	20	0.80	0.000980	± 2.5	PASS
		VN	30	-1.00	-0.001225	± 2.5	PASS
		VN	40	-1.30	-0.001592	± 2.5	PASS
		VN	50	-0.50	-0.000612	± 2.5	PASS
	MCH	VN	-30	-0.10	-0.000122	± 2.5	PASS
		VN	-20	-0.90	-0.001099	± 2.5	PASS
		VN	-10	-0.20	-0.000244	± 2.5	PASS
		VN	0	-0.80	-0.000977	± 2.5	PASS
		VN	10	-0.70	-0.000855	± 2.5	PASS
		VN	20	-2.50	-0.003053	± 2.5	PASS
		VN	30	-2.10	-0.002564	± 2.5	PASS
		VN	40	-2.20	-0.002686	± 2.5	PASS
		VN	50	0.30	0.000366	± 2.5	PASS
	HCH	VN	-30	-1.90	-0.002313	± 2.5	PASS
		VN	-20	-2.00	-0.002435	± 2.5	PASS
		VN	-10	-1.10	-0.001339	± 2.5	PASS
		VN	0	0.90	0.001096	± 2.5	PASS
		VN	10	-1.10	-0.001339	± 2.5	PASS
		VN	20	0.30	0.000365	± 2.5	PASS
		VN	30	0.50	0.000609	± 2.5	PASS
		VN	40	-0.90	-0.001096	± 2.5	PASS
		VN	50	-0.80	-0.000974	± 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	0.40	0.000491	± 2.5	PASS
		VN	TN	0.80	0.000982	± 2.5	PASS
		VH	TN	1.10	0.001350	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	MCH	VN	-30	-0.50	-0.000614	± 2.5	PASS
		VN	-20	1.80	0.002209	± 2.5	PASS
		VN	-10	-1.00	-0.001227	± 2.5	PASS
		VN	0	0.50	0.000614	± 2.5	PASS
		VN	10	-1.30	-0.001596	± 2.5	PASS
		VN	20	-0.50	-0.000614	± 2.5	PASS
		VN	30	-0.30	-0.000368	± 2.5	PASS
		VN	40	-0.40	-0.000491	± 2.5	PASS
		VN	50	-1.00	-0.001227	± 2.5	PASS