

Appendix for Band 5

Appendix A: Average Power Output Data

Test Result

Channel Bandwidth: 1.4 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.04	PASS
		1	3	23.00	PASS
		1	5	23.02	PASS
		3	0	22.08	PASS
		3	2	22.05	PASS
		3	3	22.07	PASS
		6	0	21.01	PASS
	MCH	1	0	23.09	PASS
		1	3	23.06	PASS
		1	5	23.07	PASS
		3	0	22.14	PASS
		3	2	22.15	PASS
		3	3	22.11	PASS
		6	0	21.05	PASS
	HCH	1	0	23.01	PASS
		1	3	23.02	PASS
		1	5	23.01	PASS
		3	0	22.06	PASS
		3	2	22.04	PASS
		3	3	22.07	PASS
		6	0	21.02	PASS
16QAM	LCH	1	0	22.26	PASS
		1	3	22.33	PASS
		1	5	22.31	PASS
		3	0	21.22	PASS
		3	2	21.15	PASS
		3	3	21.19	PASS
		6	0	20.98	PASS
	MCH	1	0	22.36	PASS
		1	3	22.43	PASS
		1	5	22.38	PASS
		3	0	21.33	PASS
		3	2	21.25	PASS

		3	3	21.30	PASS
		6	0	21.05	PASS
	HCH	1	0	22.20	PASS
		1	3	22.31	PASS
		1	5	22.26	PASS
		3	0	21.22	PASS
		3	2	21.12	PASS
		3	3	21.17	PASS
		6	0	20.98	PASS

Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.99	PASS
		1	7	22.99	PASS
		1	14	22.96	PASS
		8	0	22.07	PASS
		8	4	22.03	PASS
		8	7	22.04	PASS
		15	0	22.03	PASS
	MCH	1	0	23.07	PASS
		1	7	23.11	PASS
		1	14	23.04	PASS
		8	0	22.10	PASS
		8	4	22.11	PASS
		8	7	22.13	PASS
		15	0	22.10	PASS
	HCH	1	0	22.93	PASS
		1	7	23.01	PASS
		1	14	22.96	PASS
		8	0	22.01	PASS
		8	4	22.03	PASS
		8	7	22.03	PASS
		15	0	22.02	PASS
16QAM	LCH	1	0	22.26	PASS
		1	7	22.31	PASS
		1	14	22.25	PASS
		8	0	21.10	PASS
		8	4	21.11	PASS
		8	7	21.09	PASS
		15	0	20.97	PASS
	MCH	1	0	22.35	PASS

		1	7	22.12	PASS
		1	14	22.36	PASS
		8	0	21.18	PASS
		8	4	21.21	PASS
		8	7	21.18	PASS
		15	0	21.08	PASS
	HCH	1	0	22.17	PASS
		1	7	22.28	PASS
		1	14	22.23	PASS
		8	0	21.05	PASS
		8	4	21.10	PASS
		8	7	21.07	PASS
		15	0	20.99	PASS

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.10	PASS
		1	12	22.50	PASS
		1	24	23.03	PASS
		12	0	22.13	PASS
		12	6	21.59	PASS
		12	13	21.64	PASS
		25	0	21.88	PASS
	MCH	1	0	23.13	PASS
		1	12	23.07	PASS
		1	24	22.61	PASS
		12	0	22.20	PASS
		12	6	22.03	PASS
		12	13	21.61	PASS
		25	0	22.09	PASS
	HCH	1	0	23.08	PASS
		1	12	23.07	PASS
		1	24	23.04	PASS
		12	0	22.11	PASS
		12	6	22.08	PASS
		12	13	22.11	PASS
		25	0	22.04	PASS
16QAM	LCH	1	0	22.32	PASS
		1	12	21.96	PASS
		1	24	22.13	PASS
		12	0	21.25	PASS

		12	6	20.92	PASS
		12	13	20.98	PASS
		25	0	21.05	PASS
	MCH	1	0	22.37	PASS
		1	12	22.35	PASS
		1	24	22.14	PASS
		12	0	21.34	PASS
		12	6	21.33	PASS
		12	13	21.14	PASS
		25	0	21.16	PASS
	HCH	1	0	22.33	PASS
		1	12	22.32	PASS
		1	24	22.32	PASS
		12	0	21.23	PASS
		12	6	21.20	PASS
		12	13	21.24	PASS
		25	0	21.05	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.11	PASS
		1	24	22.90	PASS
		1	49	23.10	PASS
		25	0	22.04	PASS
		25	12	22.06	PASS
		25	25	22.08	PASS
		50	0	22.08	PASS
	MCH	1	0	23.07	PASS
		1	24	23.15	PASS
		1	49	22.18	PASS
		25	0	22.33	PASS
		25	12	22.14	PASS
		25	25	21.44	PASS
		50	0	22.17	PASS
	HCH	1	0	22.56	PASS
		1	24	22.80	PASS
		1	49	23.05	PASS
		25	0	21.70	PASS
		25	12	22.10	PASS
		25	25	22.04	PASS
		50	0	22.09	PASS

16QAM	LCH	1	0	22.32	PASS
		1	24	22.25	PASS
		1	49	22.39	PASS
		25	0	21.08	PASS
		25	12	21.05	PASS
		25	25	21.07	PASS
		50	0	21.07	PASS
	MCH	1	0	22.36	PASS
		1	24	22.27	PASS
		1	49	21.57	PASS
		25	0	21.17	PASS
		25	12	21.17	PASS
		25	25	20.80	PASS
		50	0	21.15	PASS
	HCH	1	0	21.92	PASS
		1	24	22.18	PASS
		1	49	22.33	PASS
		25	0	20.84	PASS
		25	12	21.09	PASS
		25	25	21.02	PASS
		50	0	21.09	PASS

Appendix B: 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	1.0783	1.231	PASS
	MCH	6	0	1.0785	1.227	PASS
	HCH	6	0	1.0773	1.226	PASS
16QAM	LCH	6	0	1.0826	1.231	PASS
	MCH	6	0	1.0813	1.223	PASS
	HCH	6	0	1.0792	1.216	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	2.6846	2.869	PASS
	MCH	15	0	2.6838	2.853	PASS
	HCH	15	0	2.6824	2.857	PASS
16QAM	LCH	15	0	2.6805	2.866	PASS
	MCH	15	0	2.6840	2.862	PASS
	HCH	15	0	2.6826	2.876	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	4.4922	4.860	PASS
	MCH	25	0	4.4767	4.755	PASS
	HCH	25	0	4.4831	4.828	PASS
16QAM	LCH	25	0	4.4820	4.855	PASS
	MCH	25	0	4.4814	4.806	PASS
	HCH	25	0	4.4717	4.797	PASS

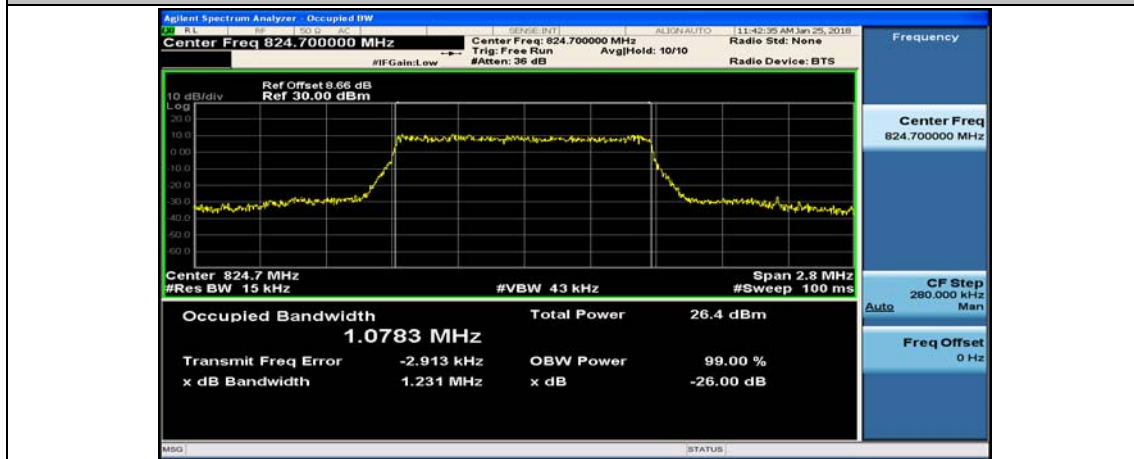
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.9437	9.542	PASS
	MCH	50	0	8.9344	9.468	PASS
	HCH	50	0	8.9350	9.501	PASS
16QAM	LCH	50	0	8.9483	9.384	PASS
	MCH	50	0	8.9485	9.469	PASS
	HCH	50	0	8.9389	9.409	PASS

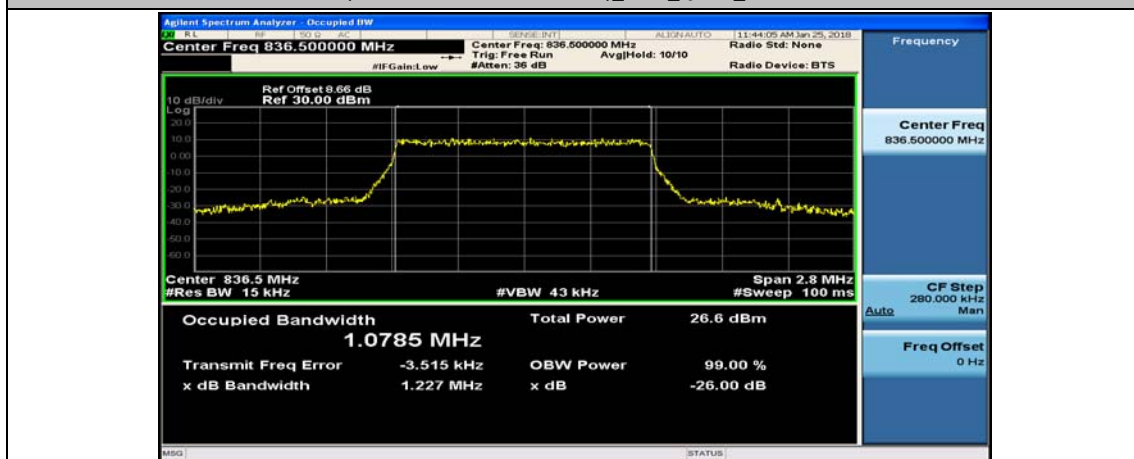
Test Graphs

Channel Bandwidth: 1.4 MHz

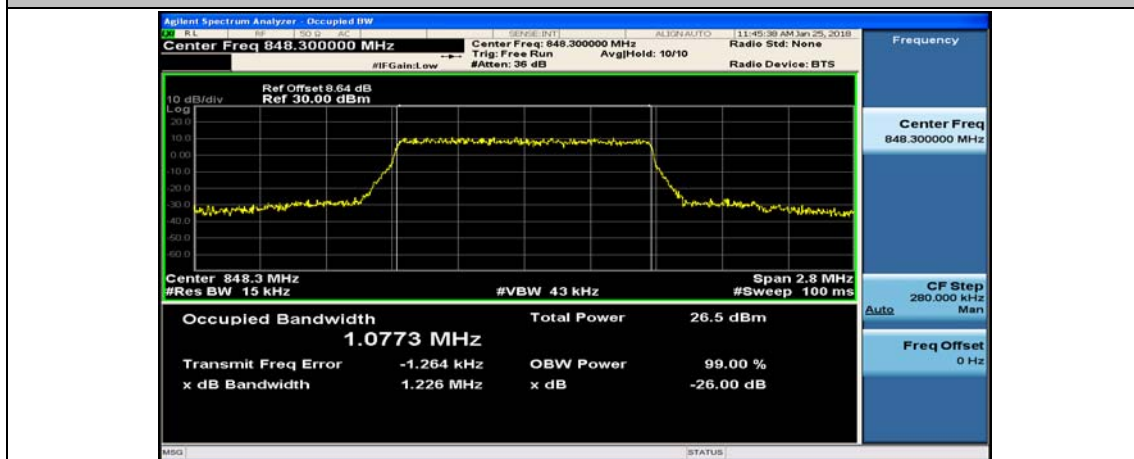
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



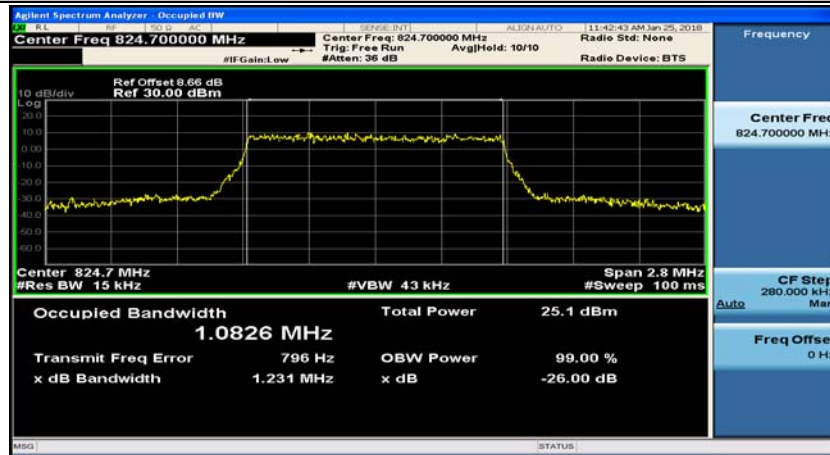
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



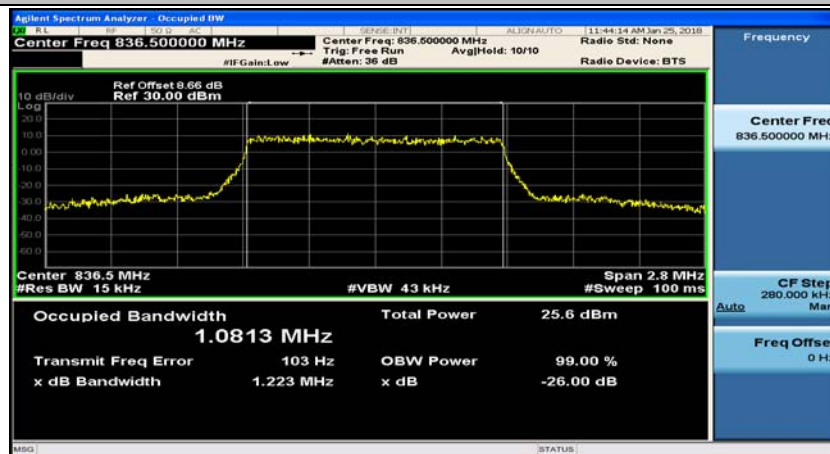
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



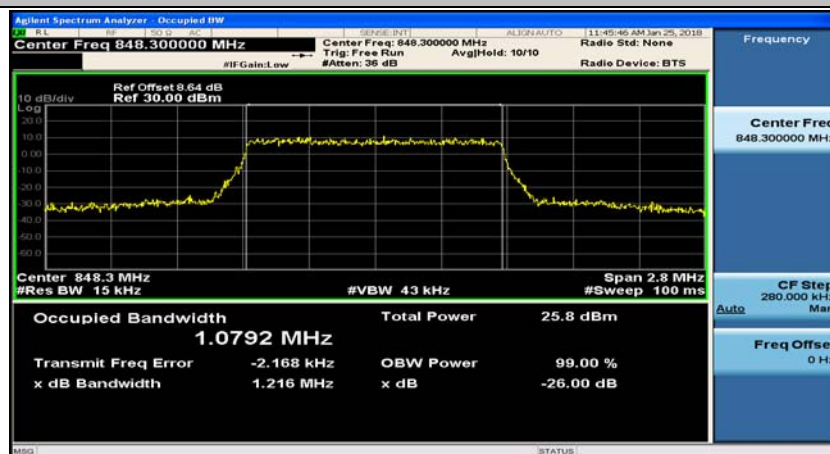
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0

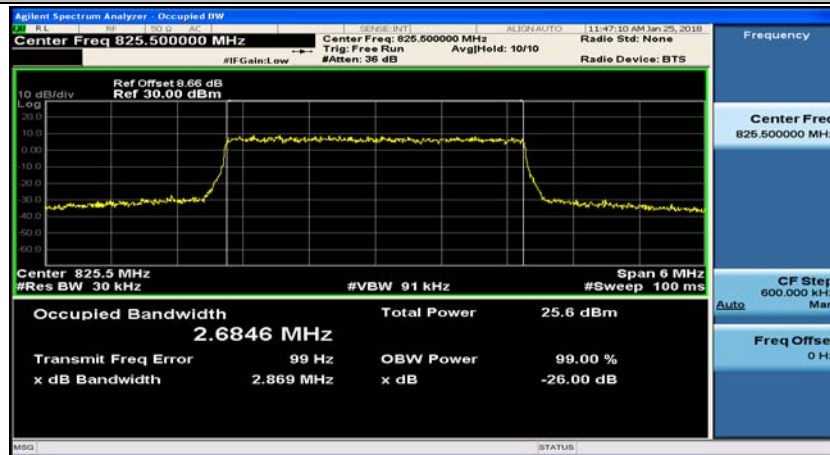


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

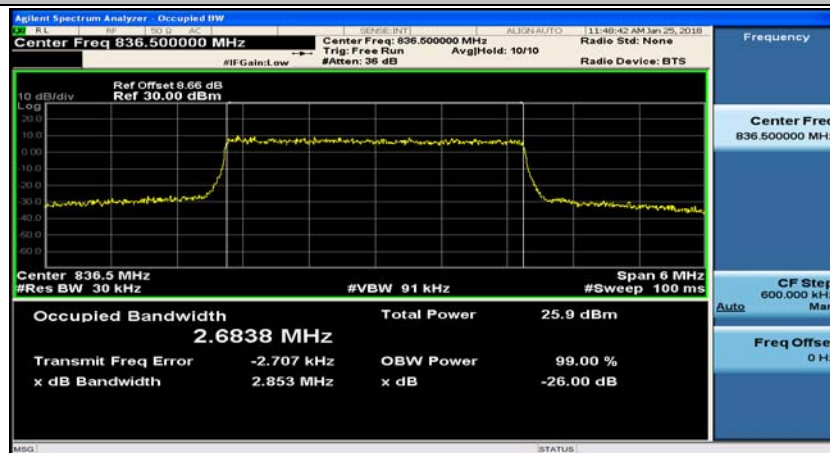


Channel Bandwidth: 3 MHz

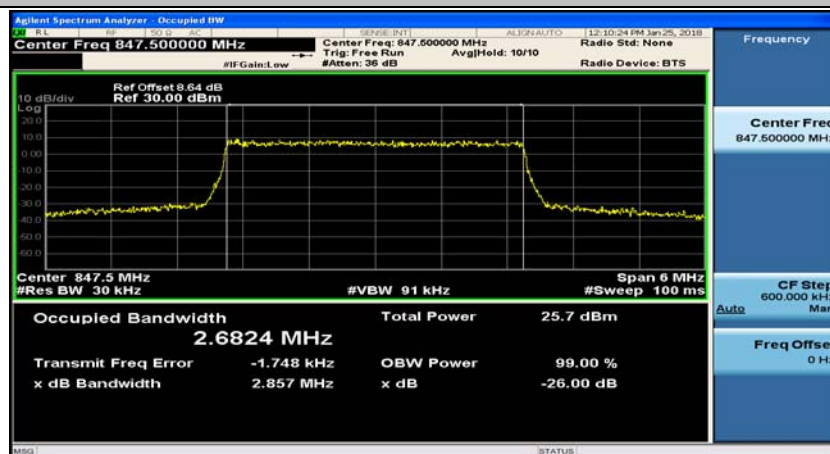
(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



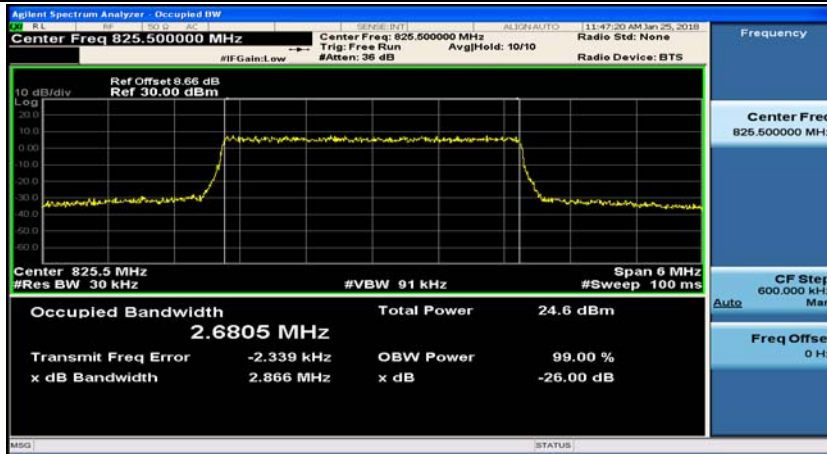
(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0



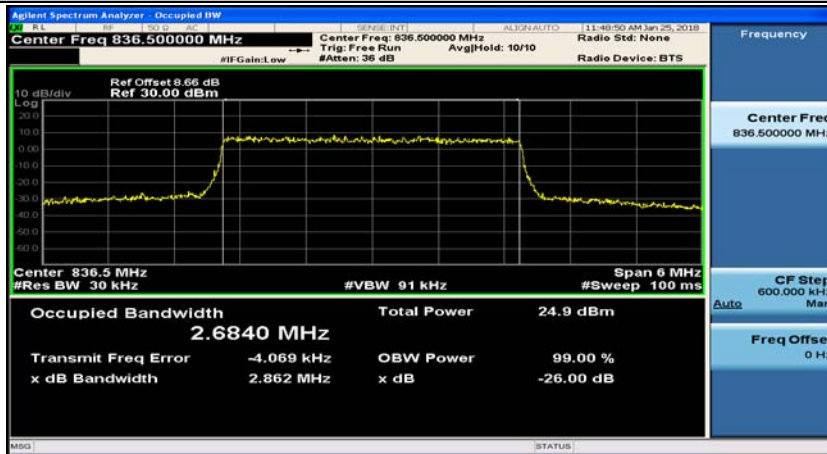
(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0



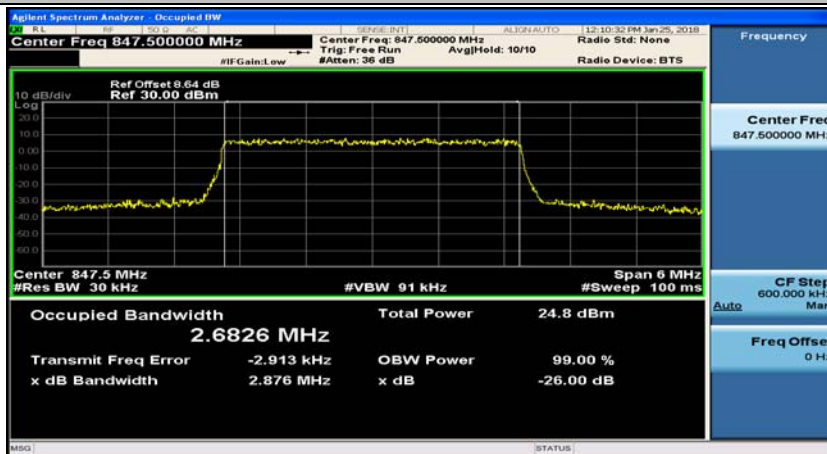
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(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0

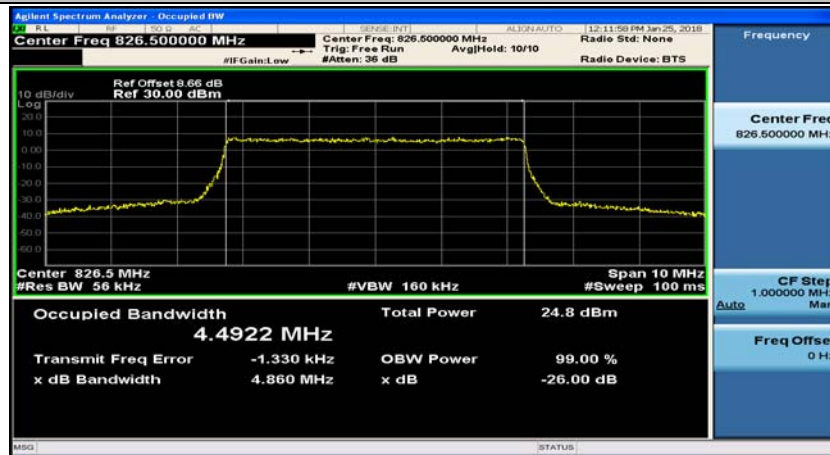


(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0

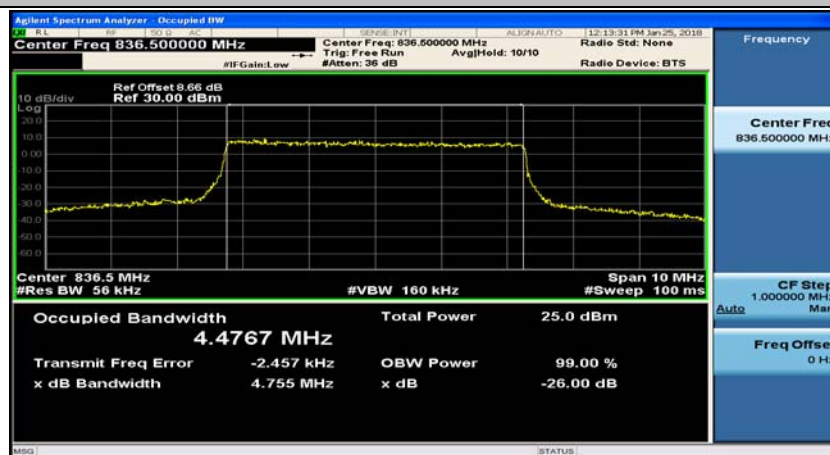


Channel Bandwidth: 5 MHz

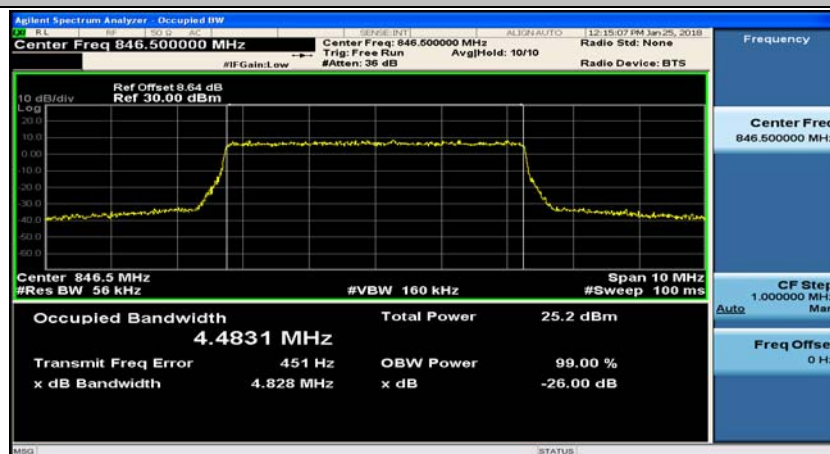
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



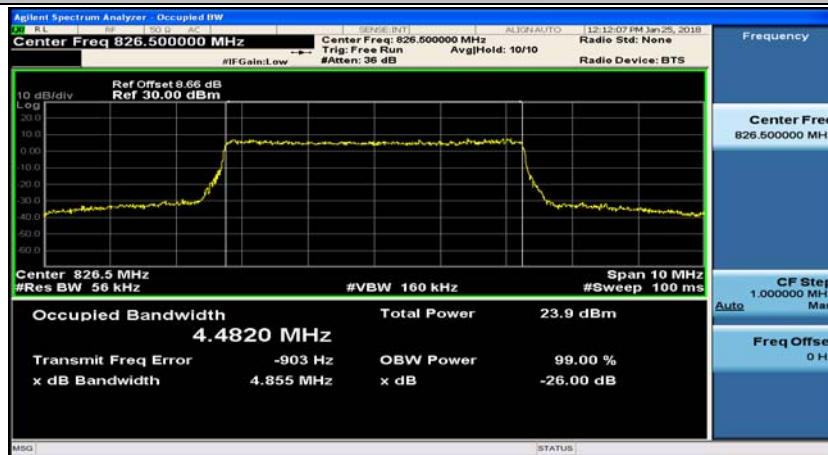
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



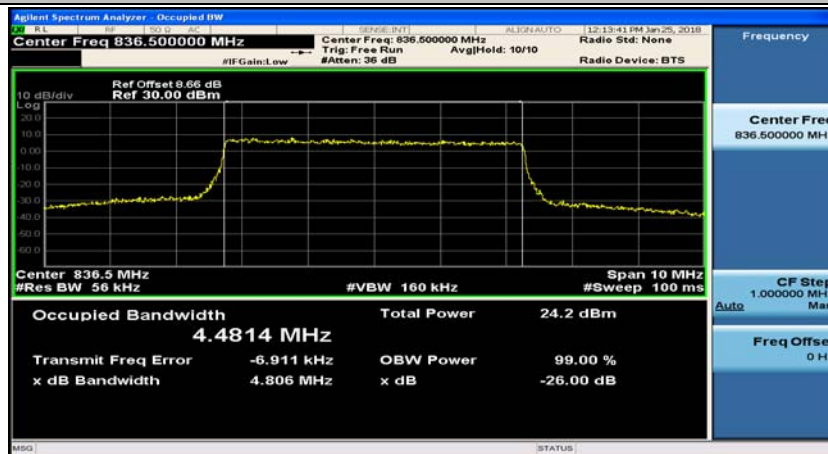
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



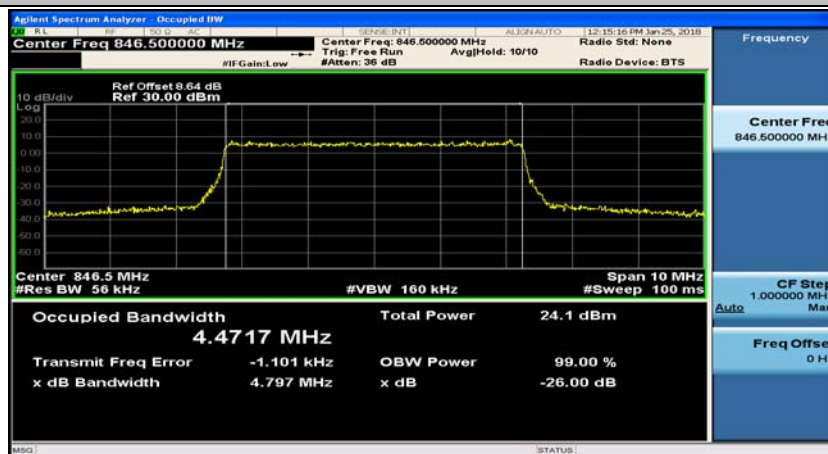
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

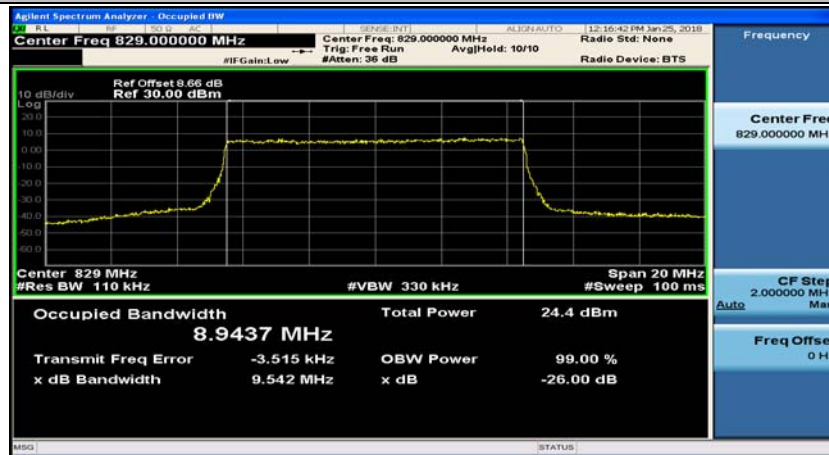


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

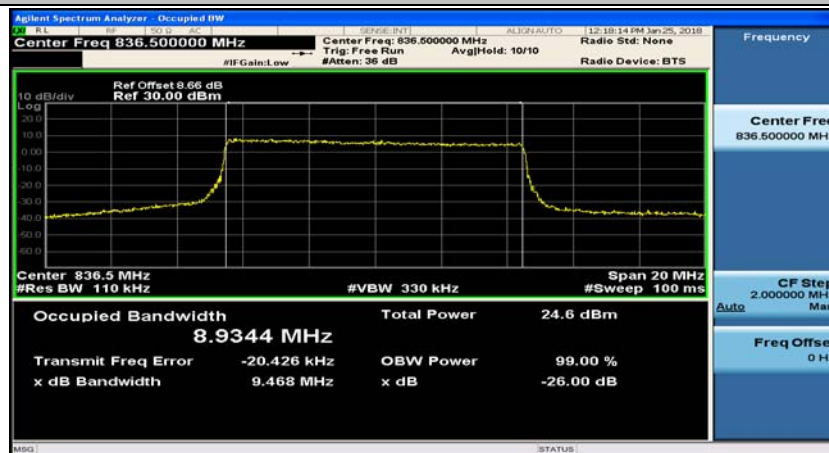


Channel Bandwidth: 10 MHz

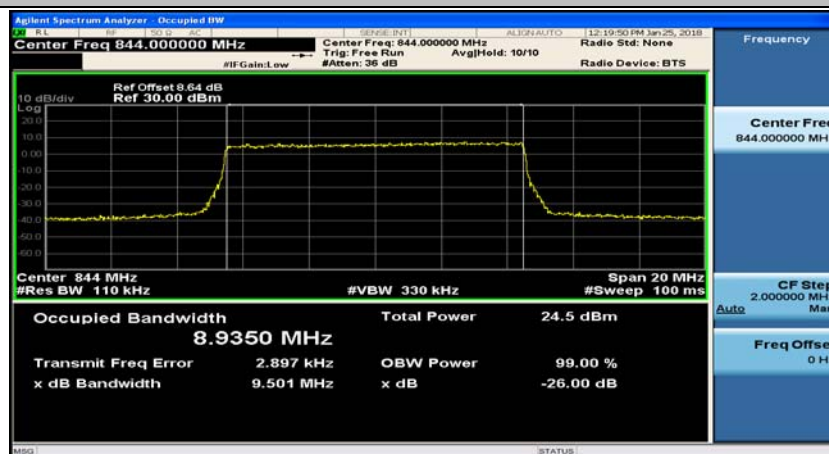
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



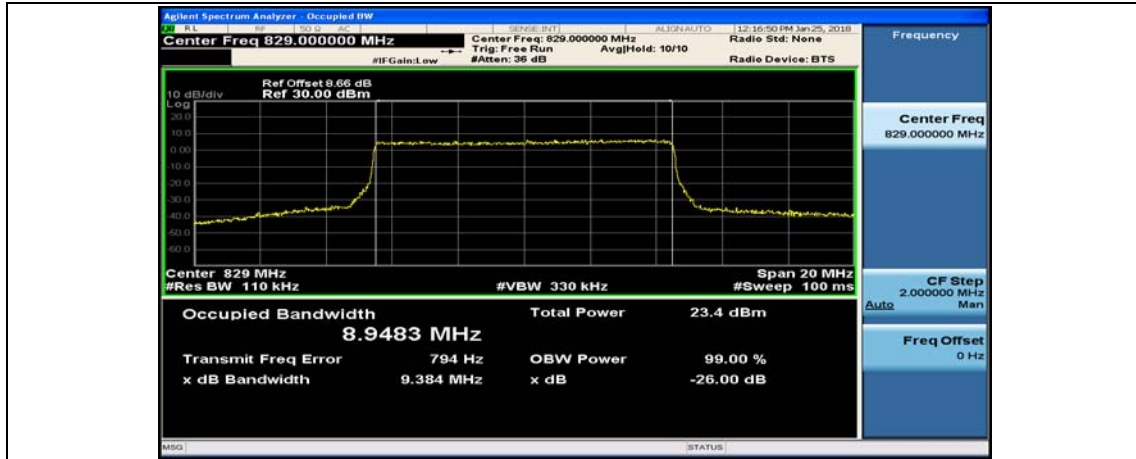
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



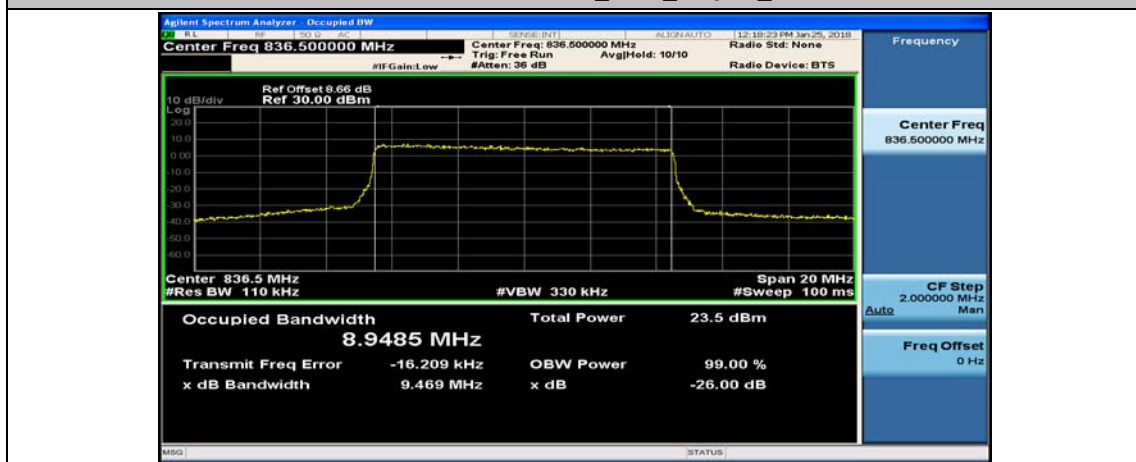
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



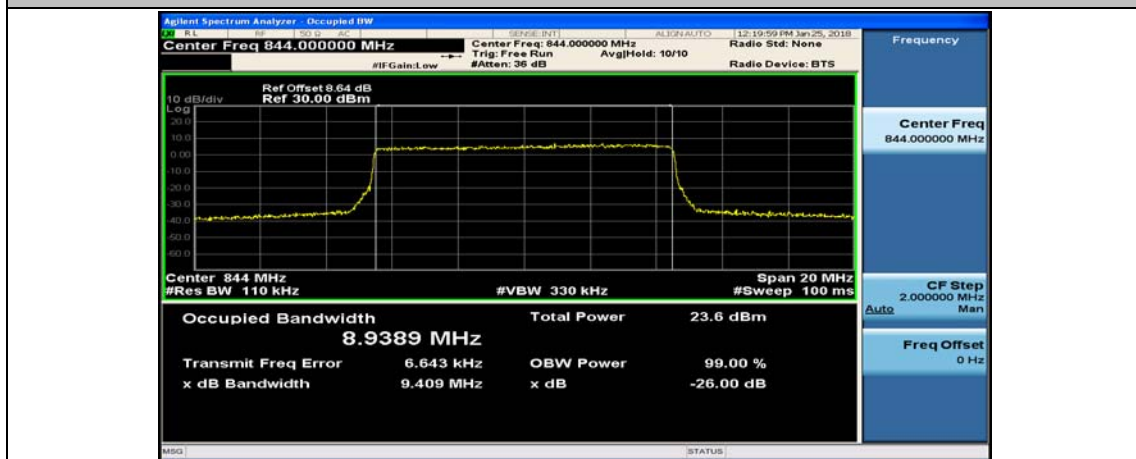
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0

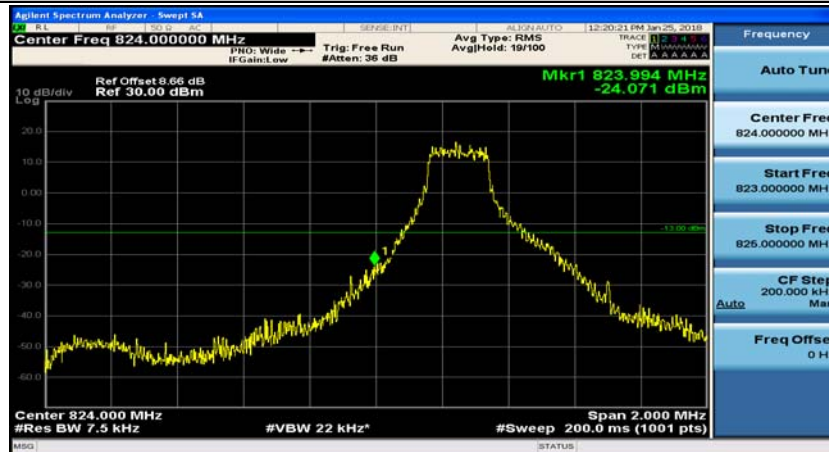


Appendix C: Band Edge

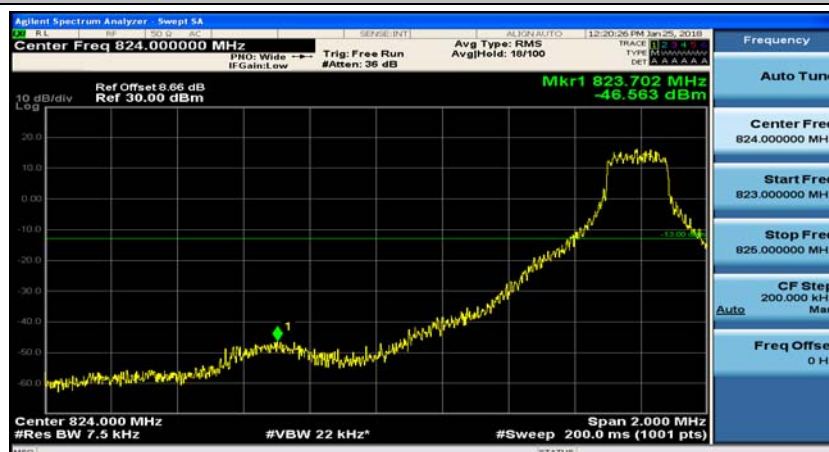
Test Graphs

Channel Bandwidth: 1.4 MHz

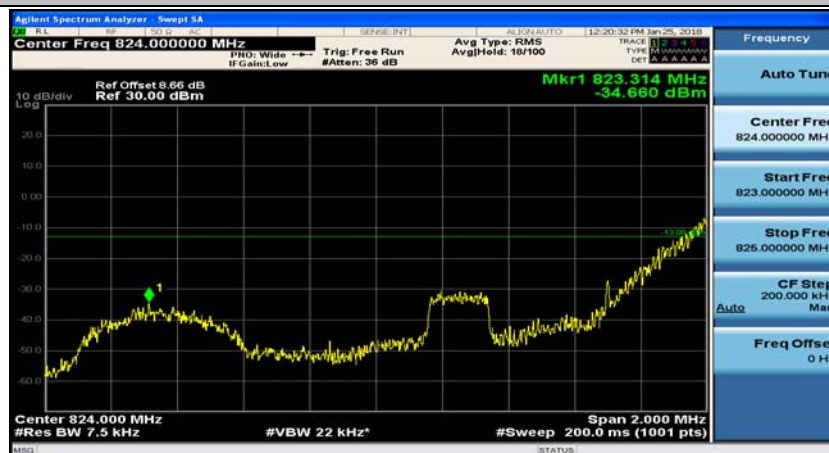
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0



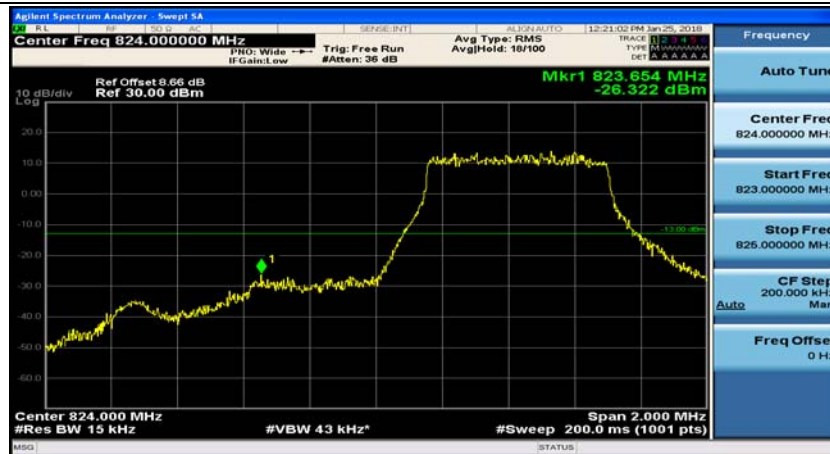
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#3



(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5



(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#0



(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2



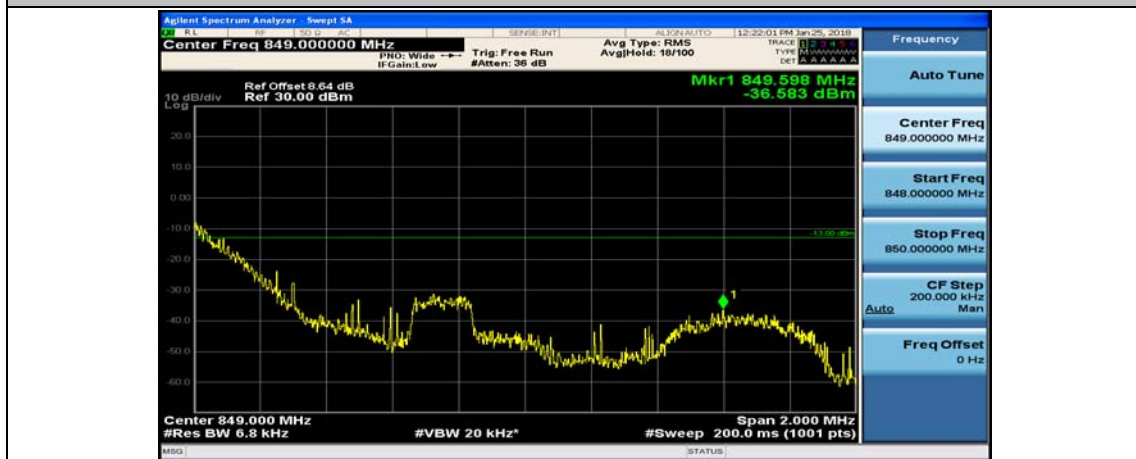
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#3



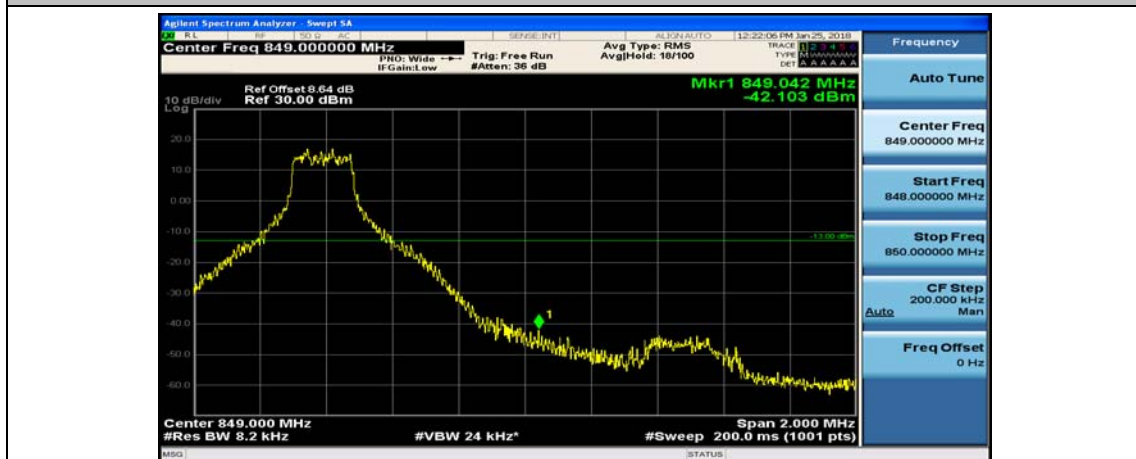
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



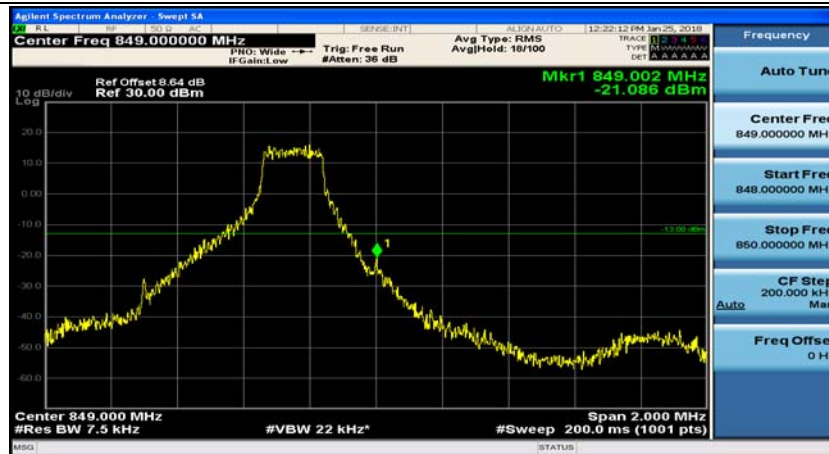
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3



(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0



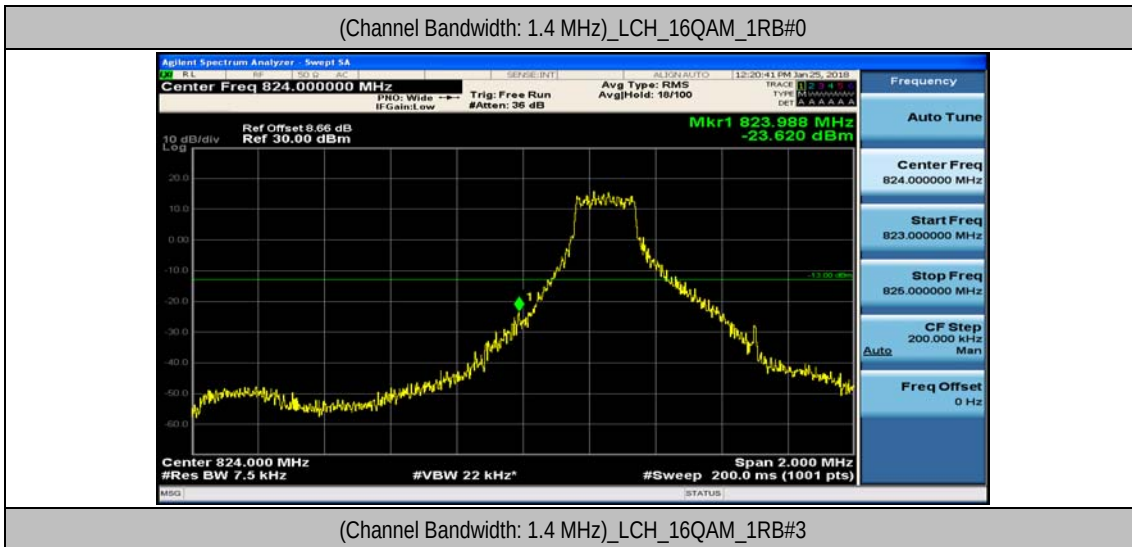
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2



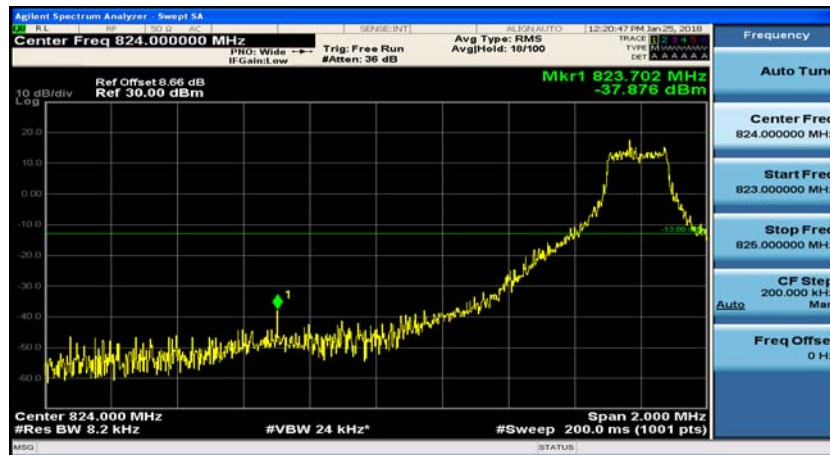
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#3



(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#2



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3



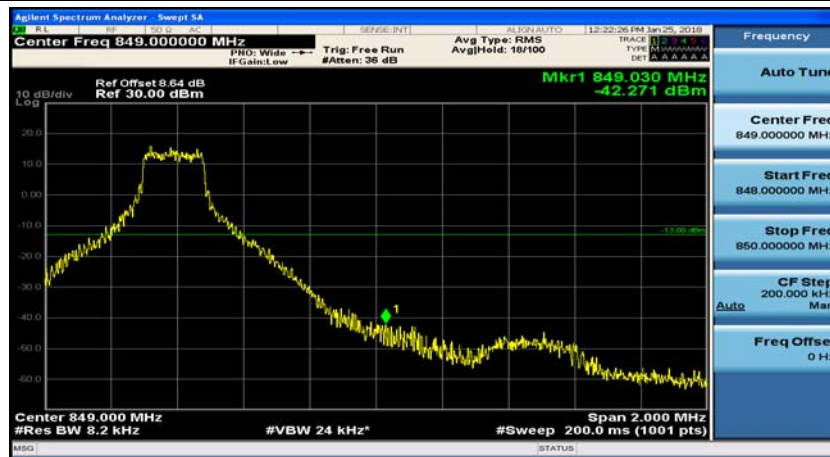
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



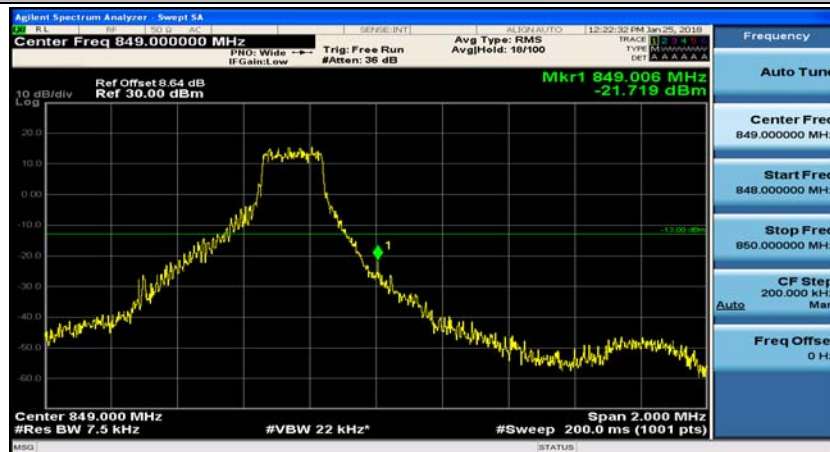
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



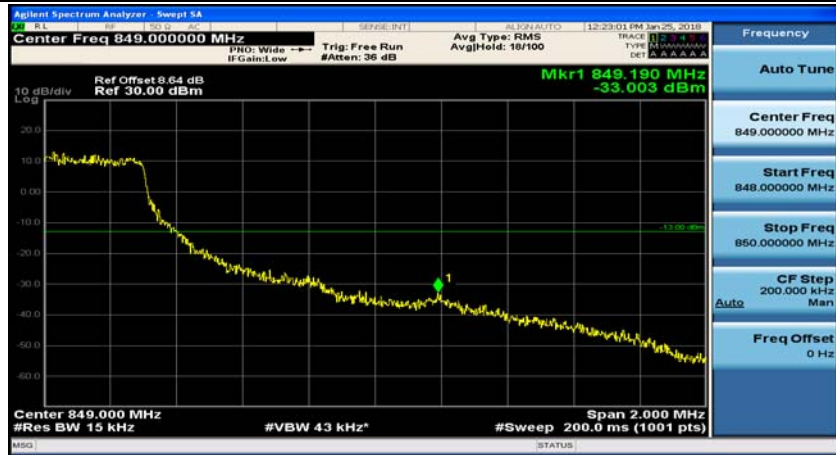
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#0



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#2



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#3

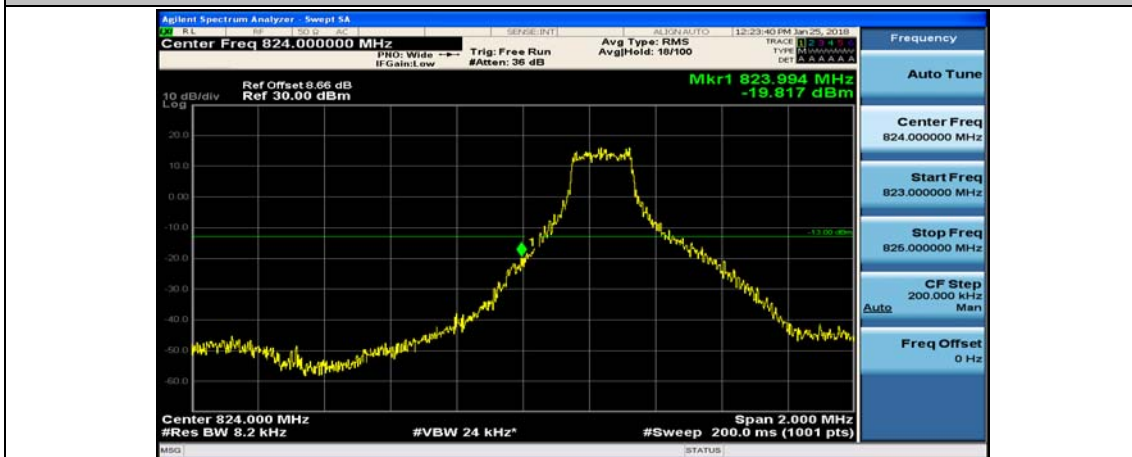


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

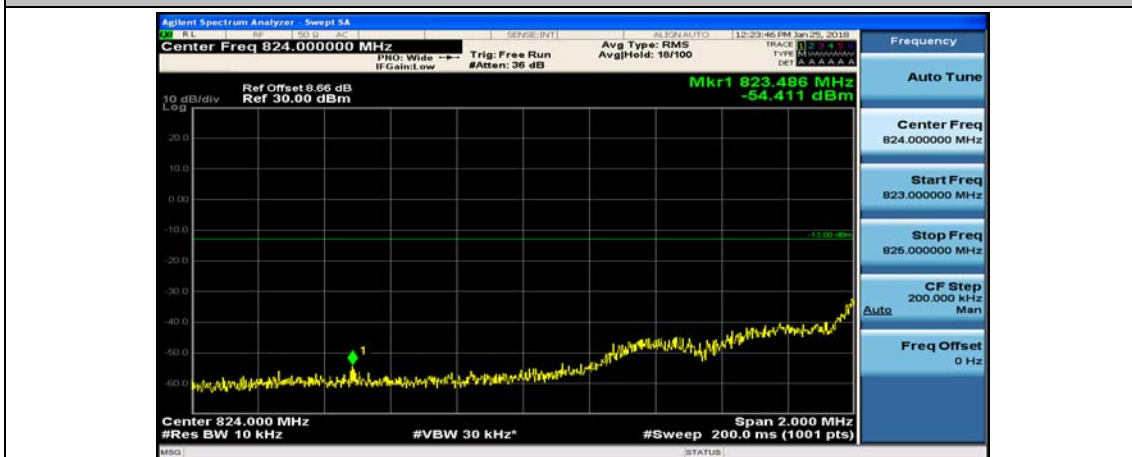


Channel Bandwidth: 3 MHz

(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7



(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14



(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#0



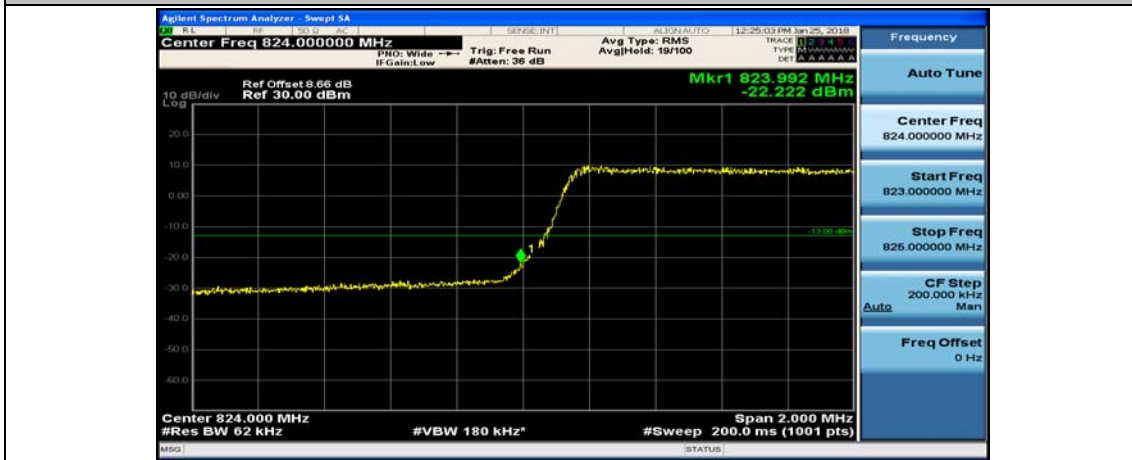
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#4



(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#7



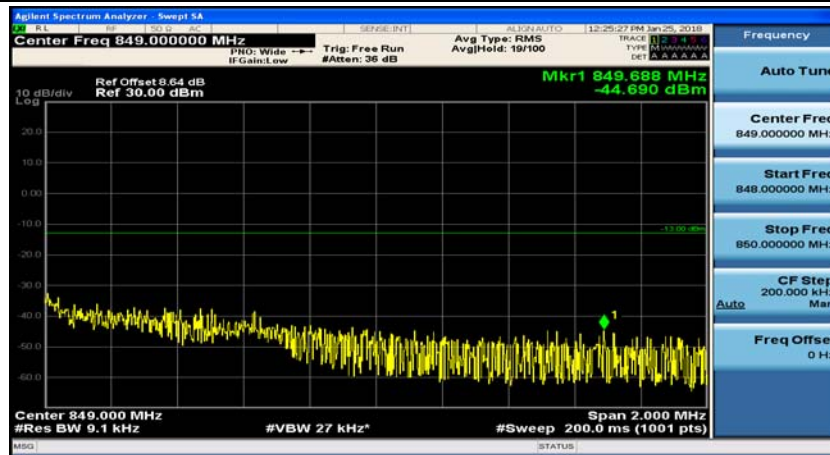
(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7



(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14



(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#0



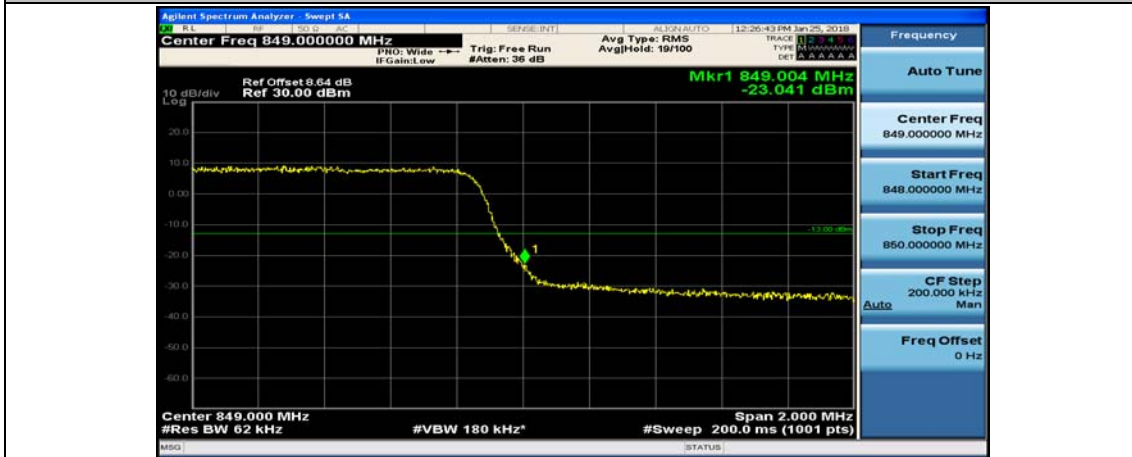
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#4



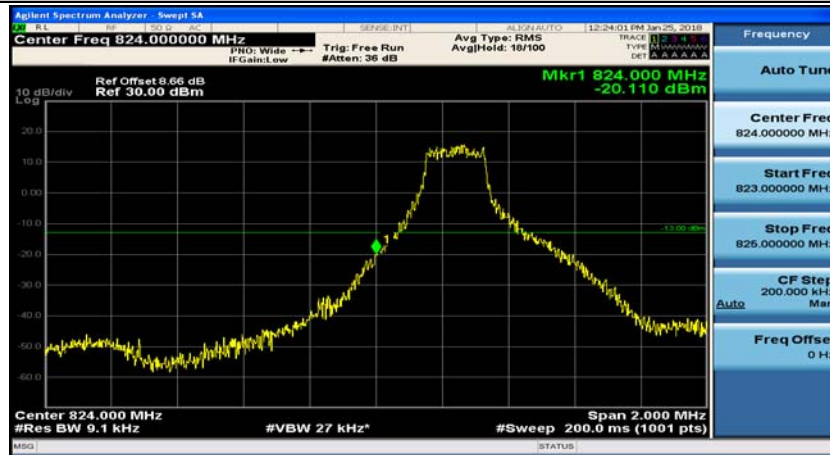
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#7



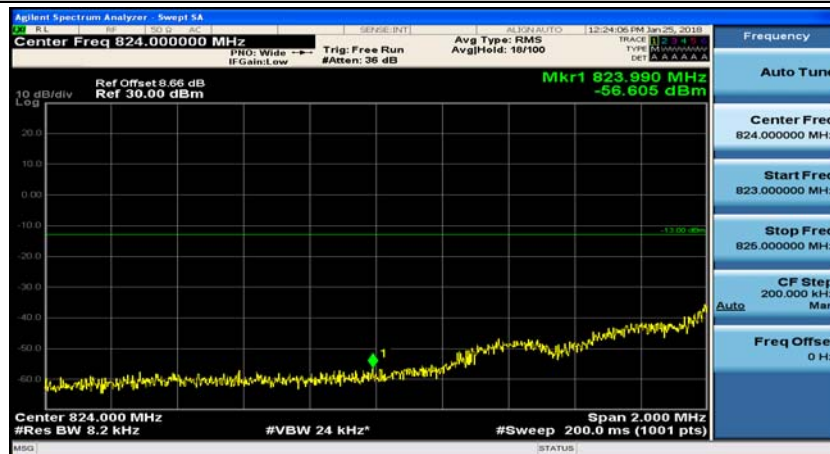
(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0



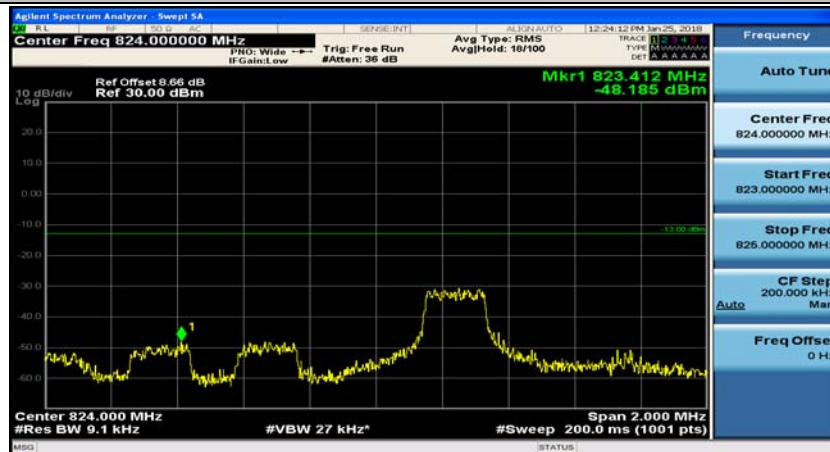
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7



(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14



(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#0



(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#4



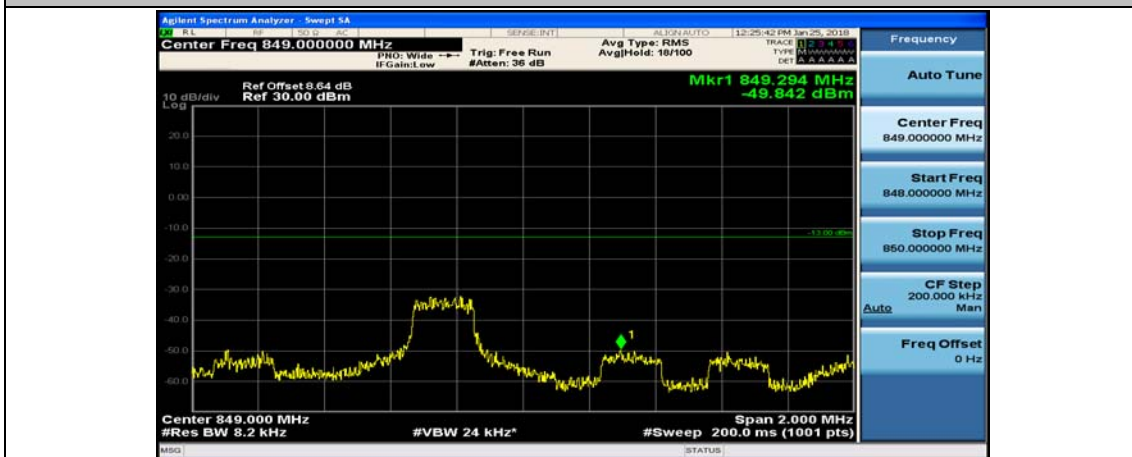
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#7



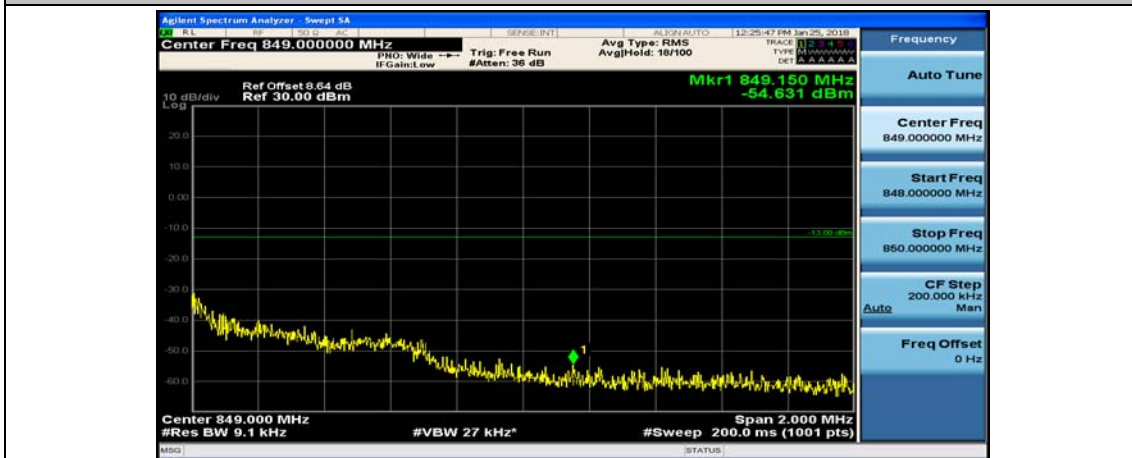
(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0



(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7



(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#14



(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#0



(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#4



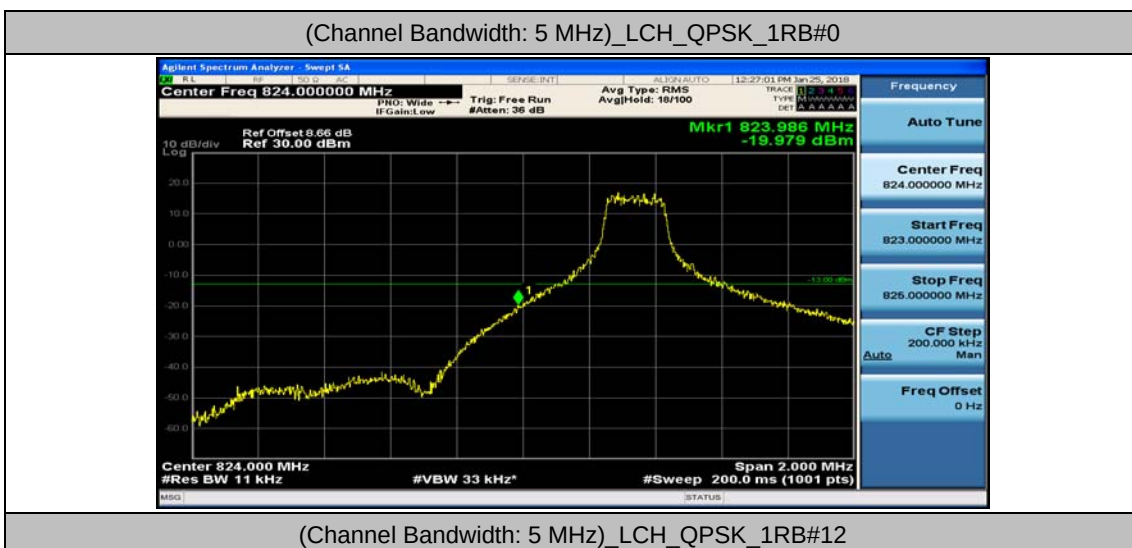
(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#7



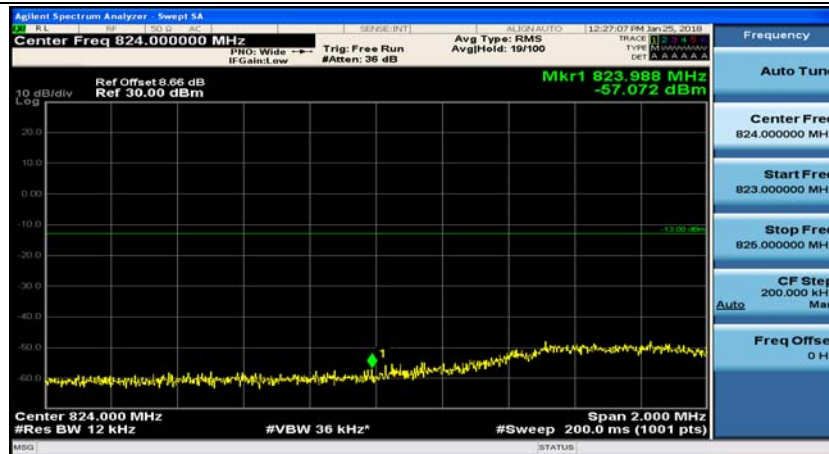
(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0



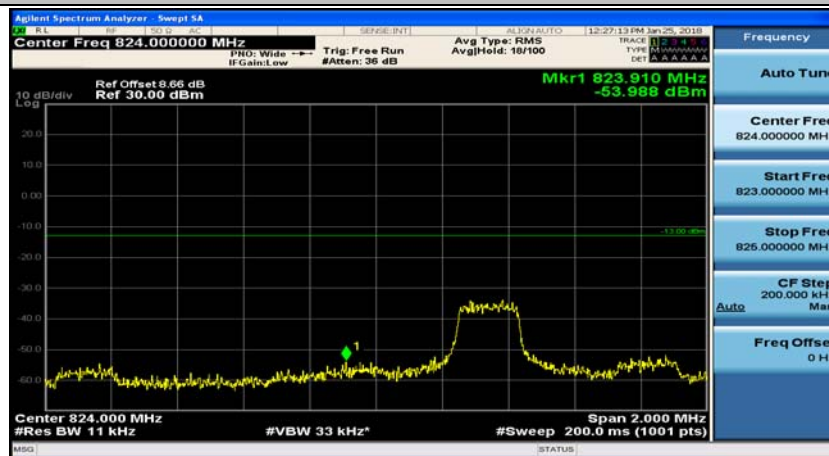
Channel Bandwidth: 5 MHz



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



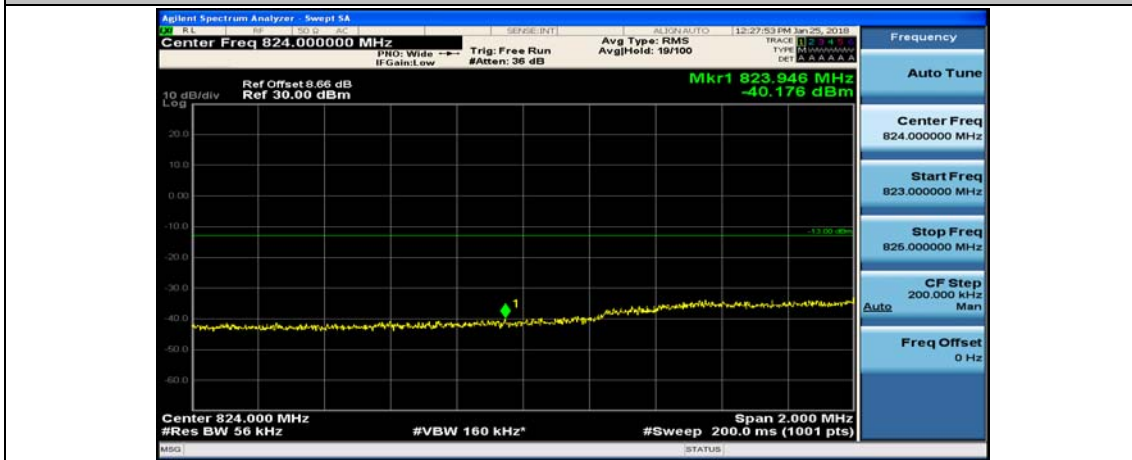
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



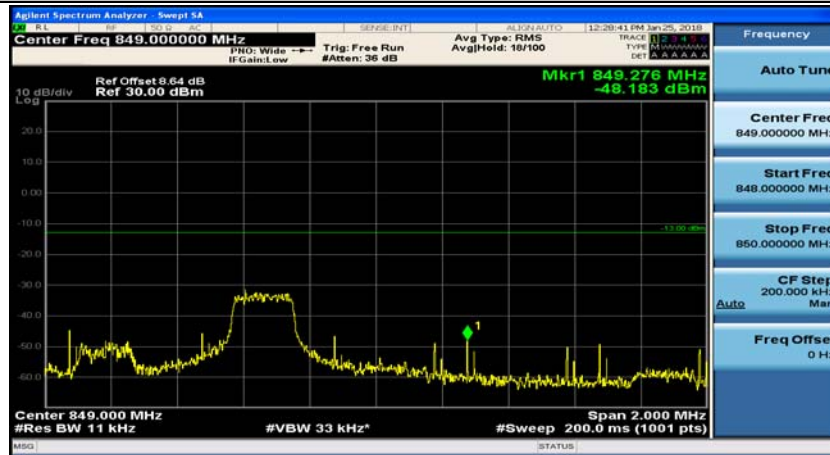
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



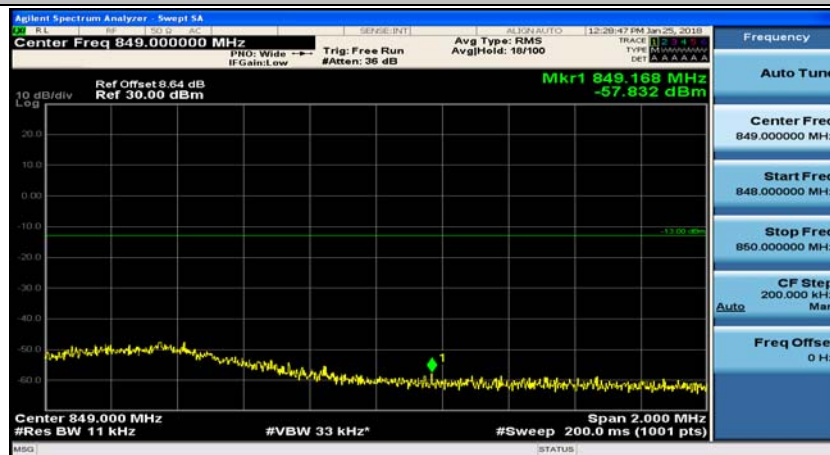
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



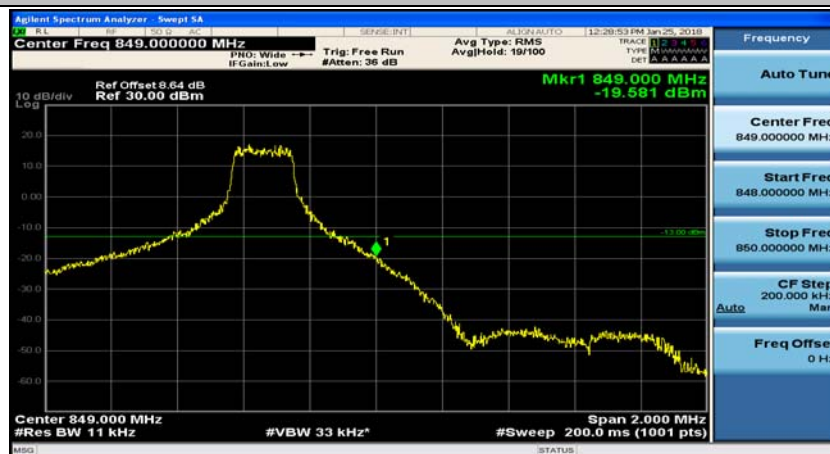
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



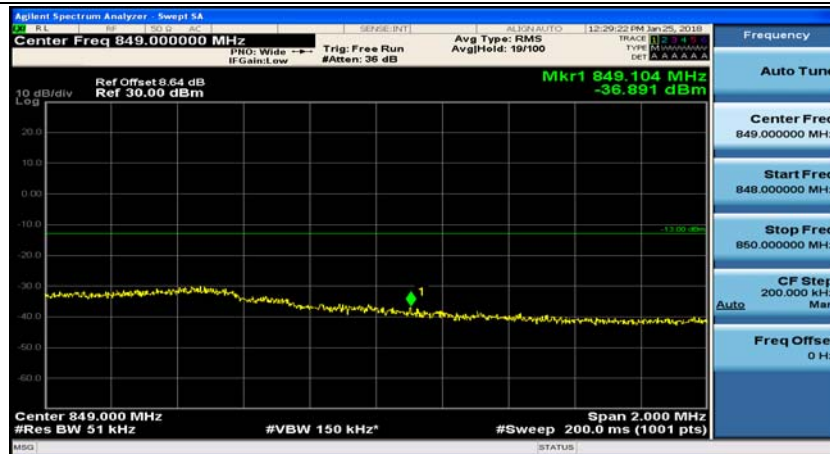
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



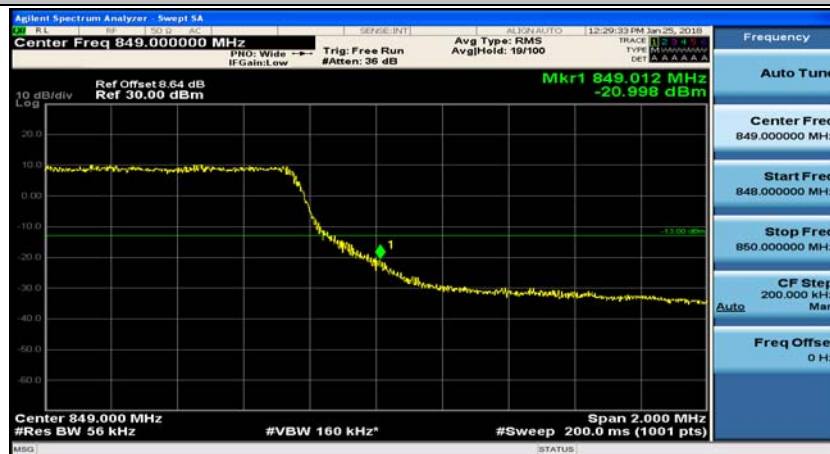
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



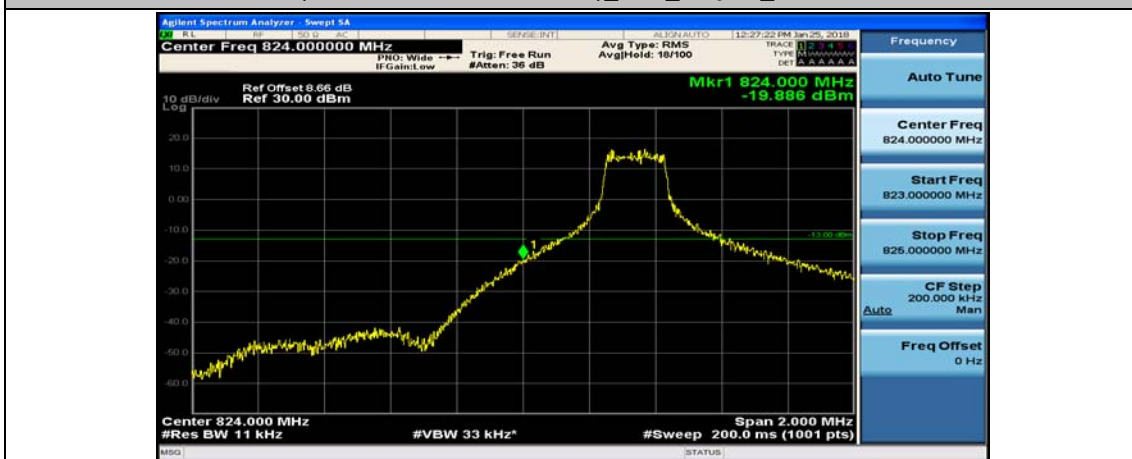
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



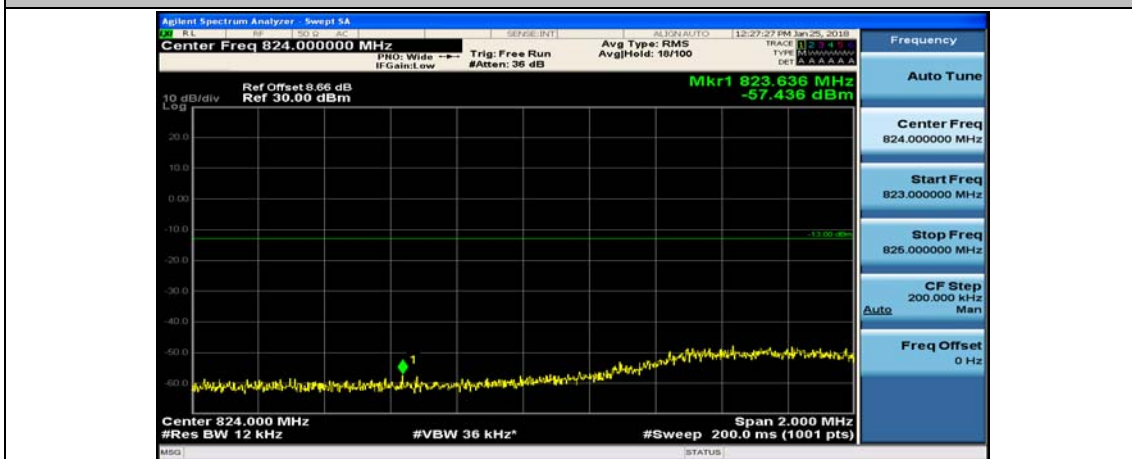
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



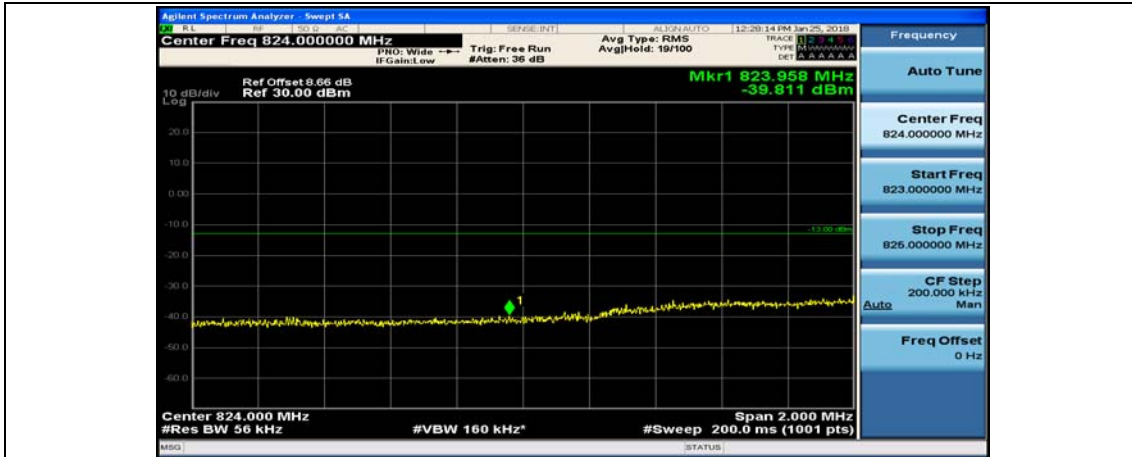
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



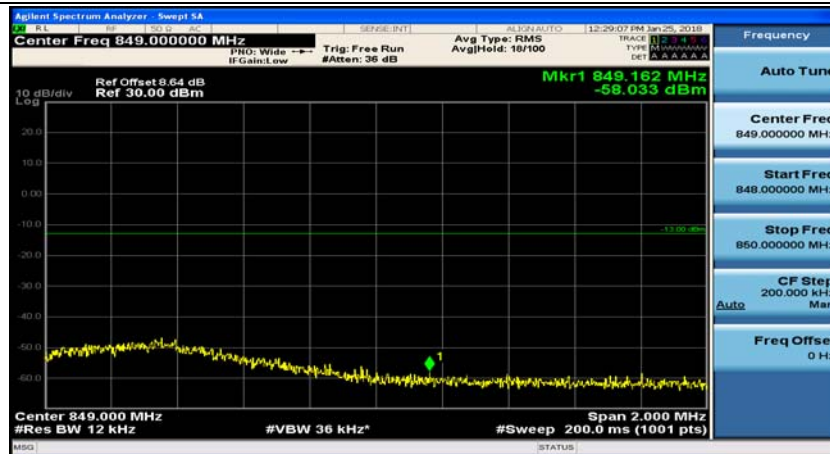
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



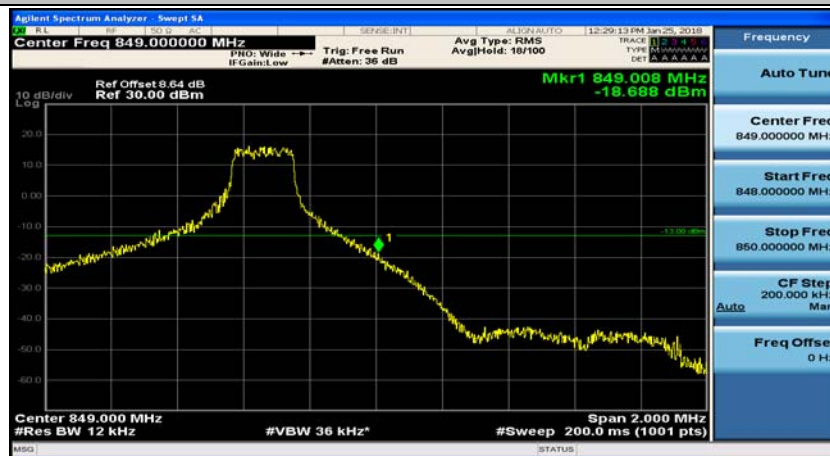
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



(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: 5 MHz)_HCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13



(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

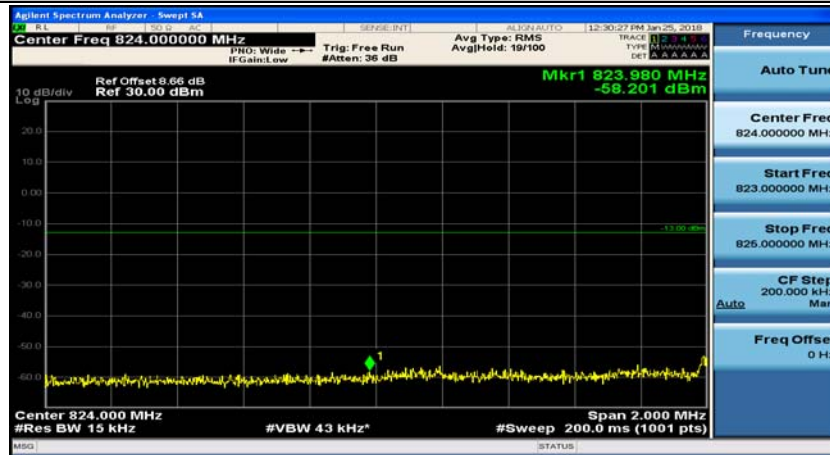


Channel Bandwidth: 10 MHz

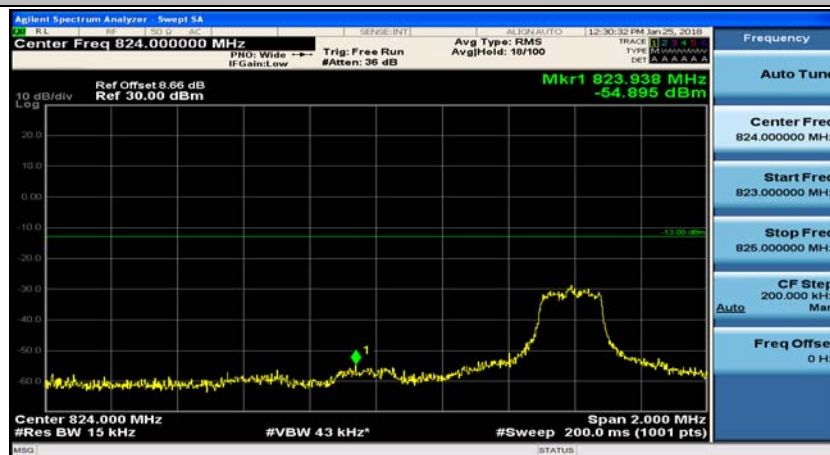
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0



Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#24



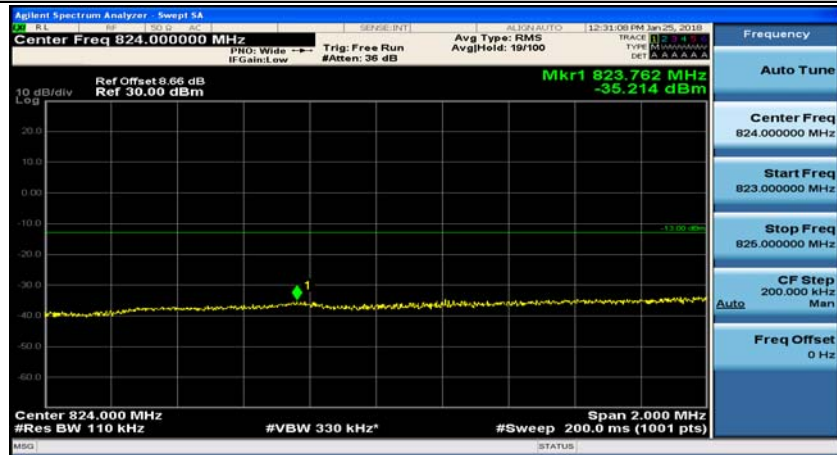
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49



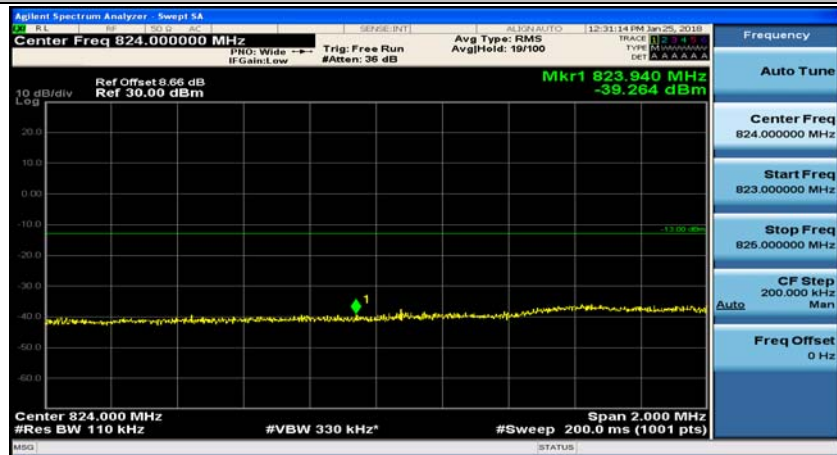
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#0



Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#12



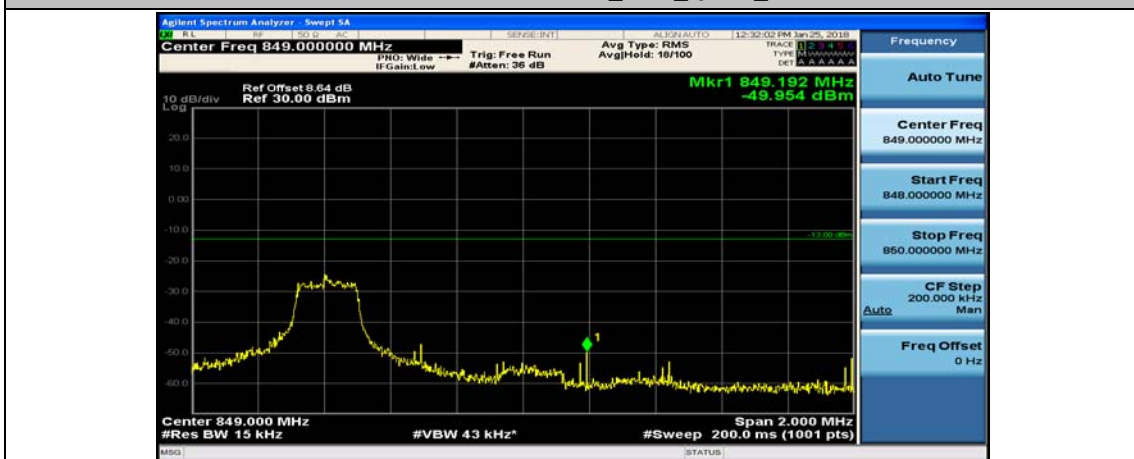
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#25



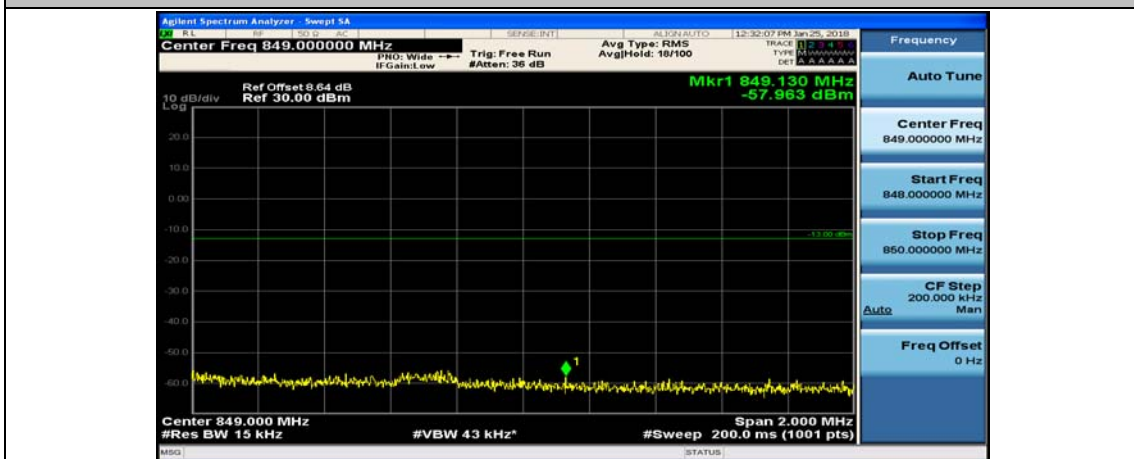
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



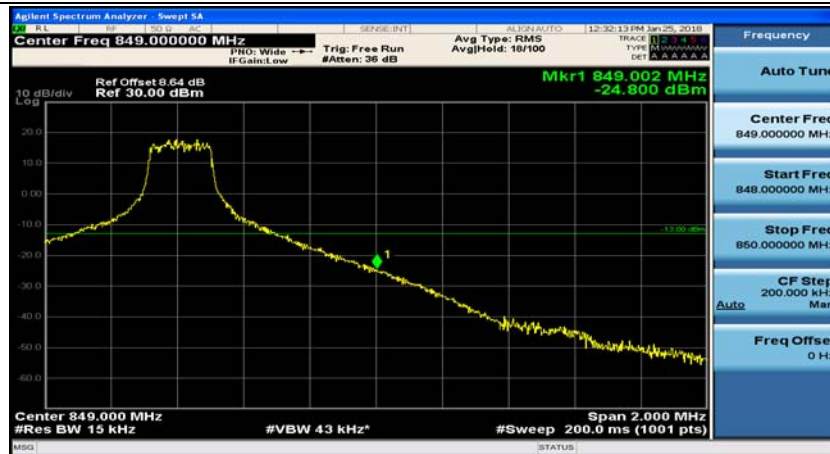
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0



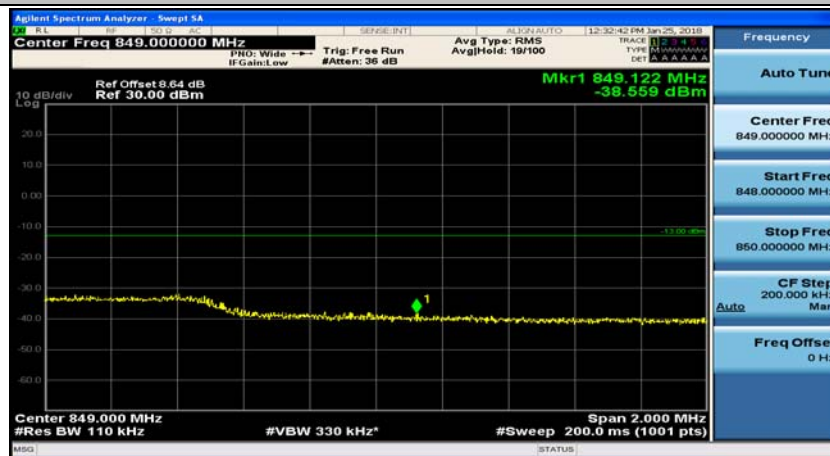
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24



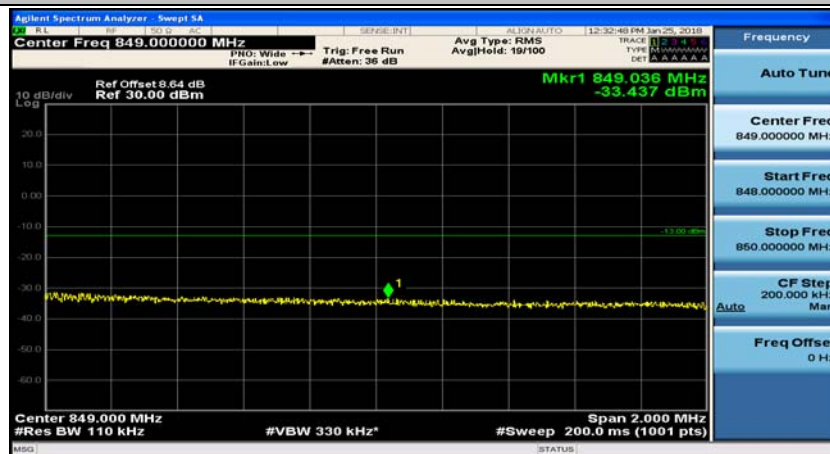
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49



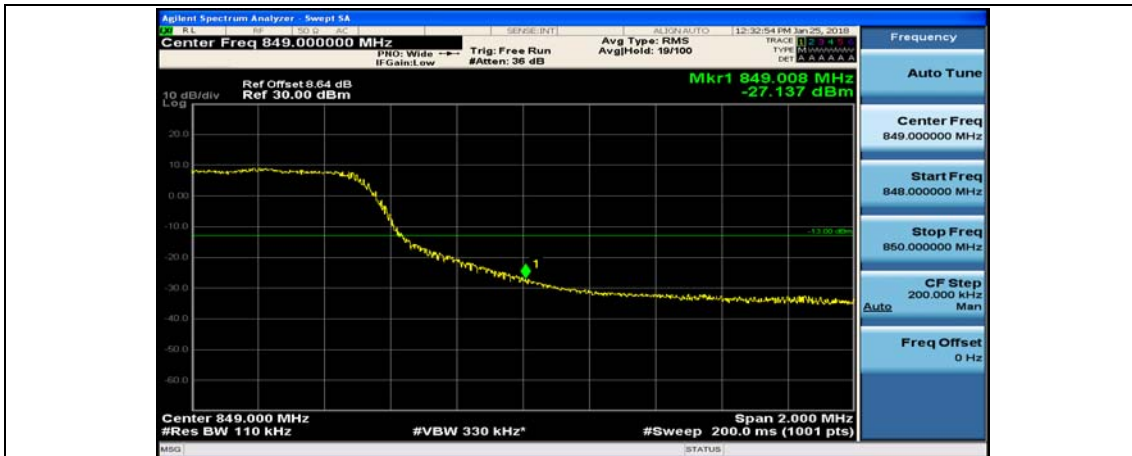
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0



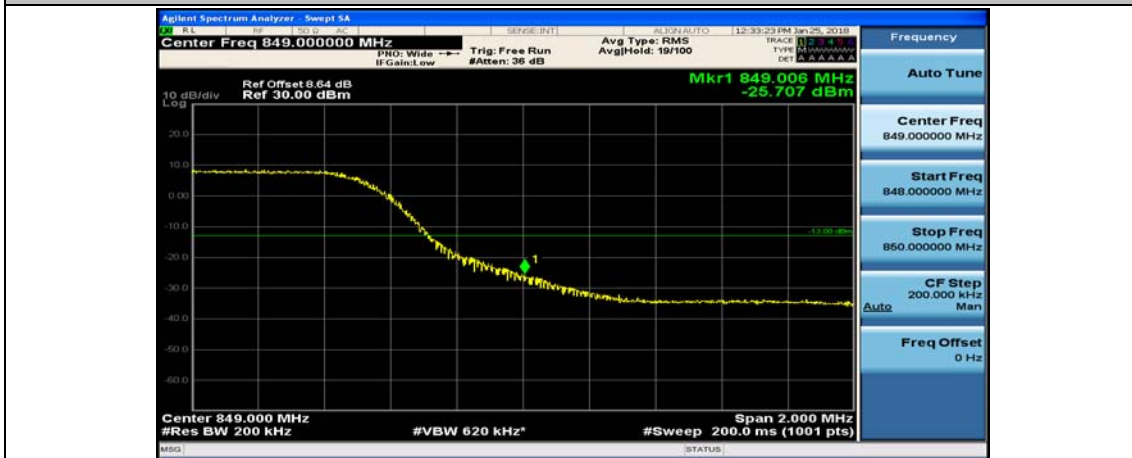
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12



Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#25



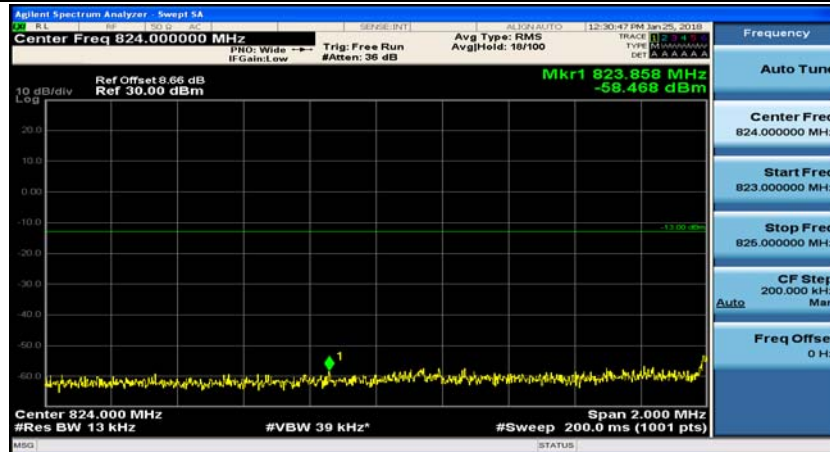
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



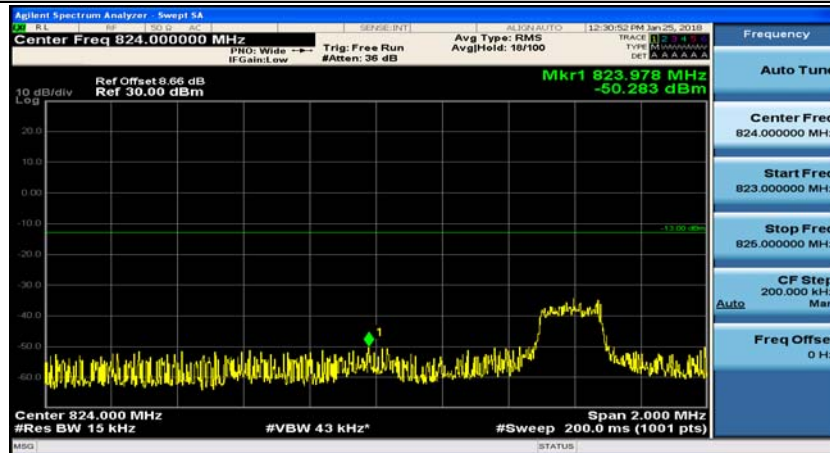
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49



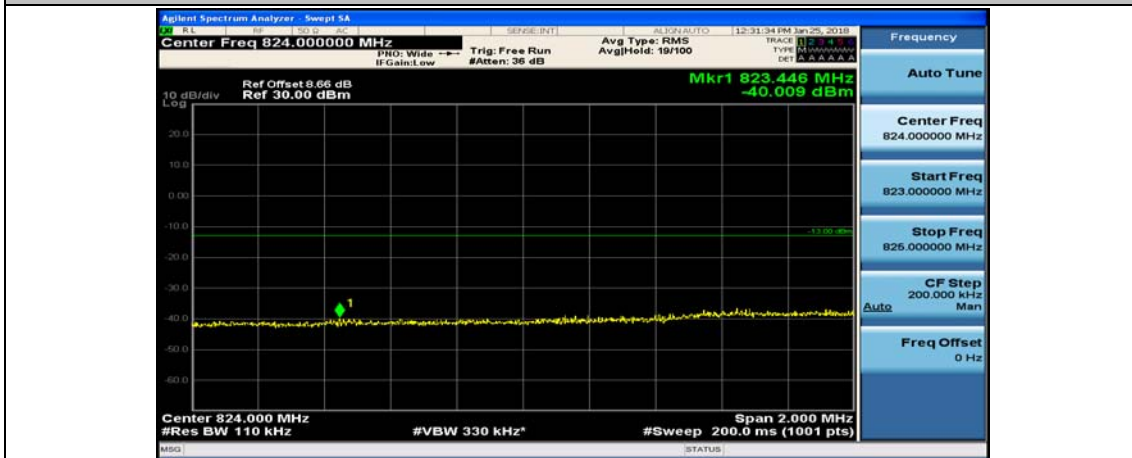
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#12



Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#25



Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0

