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	22.83	PASS
		1	3	22.89	PASS
		1	5	22.83	PASS
		3	0	21.87	PASS
		3	2	21.84	PASS
		3	3	21.87	PASS
		6	0	21.87	PASS
	MCH	1	0	22.75	PASS
		1	3	22.82	PASS
		1	5	22.74	PASS
		3	0	21.77	PASS
		3	2	21.71	PASS
		3	3	21.76	PASS
		6	0	21.72	PASS
	HCH	1	0	22.12	PASS
		1	3	22.04	PASS
		1	5	22.25	PASS
		3	0	21.88	PASS
		3	2	21.96	PASS
		3	3	22.02	PASS
		6	0	21.09	PASS
16QAM	LCH	1	0	22.06	PASS
		1	3	22.18	PASS
		1	5	22.08	PASS
		3	0	21.98	PASS
		3	2	21.92	PASS
		3	3	21.94	PASS
		6	0	20.84	PASS
	MCH	1	0	22.14	PASS
		1	3	22.27	PASS
		1	5	22.13	PASS
		3	0	21.76	PASS
		3	2	21.74	PASS

		3	3	21.76	PASS
		6	0	20.70	PASS
	HCH	1	0	21.47	PASS
		1	3	21.51	PASS
		1	5	21.66	PASS
		3	0	21.24	PASS
		3	2	21.29	PASS
		3	3	21.36	PASS
		6	0	20.54	PASS

Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.79	PASS
		1	7	22.85	PASS
		1	14	22.79	PASS
		8	0	21.83	PASS
		8	4	21.84	PASS
		8	7	21.86	PASS
		15	0	21.80	PASS
	MCH	1	0	22.70	PASS
		1	7	22.73	PASS
		1	14	22.63	PASS
		8	0	21.73	PASS
		8	4	21.71	PASS
		8	7	21.69	PASS
		15	0	21.69	PASS
	HCH	1	0	22.31	PASS
		1	7	21.92	PASS
		1	14	22.14	PASS
		8	0	21.18	PASS
		8	4	21.05	PASS
		8	7	21.06	PASS
		15	0	21.10	PASS
16QAM	LCH	1	0	22.05	PASS
		1	7	22.10	PASS
		1	14	22.05	PASS
		8	0	20.87	PASS
		8	4	20.89	PASS
		8	7	20.88	PASS
		15	0	20.75	PASS
	MCH	1	0	22.01	PASS

		1	7	22.02	PASS
		1	14	21.94	PASS
		8	0	20.83	PASS
		8	4	20.80	PASS
		8	7	20.77	PASS
		15	0	20.70	PASS
	HCH	1	0	21.74	PASS
		1	7	21.37	PASS
		1	14	21.56	PASS
		8	0	20.40	PASS
		8	4	20.60	PASS
		8	7	20.58	PASS
		15	0	20.66	PASS

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.90	PASS
		1	12	22.89	PASS
		1	24	22.52	PASS
		12	0	21.91	PASS
		12	6	21.89	PASS
		12	13	21.81	PASS
		25	0	21.84	PASS
	MCH	1	0	22.51	PASS
		1	12	22.64	PASS
		1	24	22.69	PASS
		12	0	21.45	PASS
		12	6	21.77	PASS
		12	13	21.76	PASS
		25	0	21.75	PASS
	HCH	1	0	22.62	PASS
		1	12	21.76	PASS
		1	24	22.02	PASS
		12	0	21.21	PASS
		12	6	20.84	PASS
		12	13	20.70	PASS
		25	0	20.91	PASS
16QAM	LCH	1	0	22.28	PASS
		1	12	22.25	PASS
		1	24	22.11	PASS
		12	0	21.02	PASS

		12	6	20.99	PASS
		12	13	21.03	PASS
		25	0	20.86	PASS
	MCH	1	0	22.02	PASS
		1	12	22.13	PASS
		1	24	22.09	PASS
		12	0	20.94	PASS
		12	6	20.95	PASS
		12	13	20.92	PASS
		25	0	20.78	PASS
	HCH	1	0	22.06	PASS
		1	12	21.33	PASS
		1	24	21.54	PASS
		12	0	20.54	PASS
		12	6	20.59	PASS
		12	13	20.44	PASS
		25	0	20.65	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.30	PASS
		1	24	22.28	PASS
		1	49	21.64	PASS
		25	0	22.37	PASS
		25	12	21.43	PASS
		25	25	20.86	PASS
		50	0	22.15	PASS
	MCH	1	0	22.15	PASS
		1	24	22.62	PASS
		1	49	22.67	PASS
		25	0	21.29	PASS
		25	12	21.76	PASS
		25	25	21.73	PASS
		50	0	21.77	PASS
	HCH	1	0	22.75	PASS
		1	24	22.63	PASS
		1	49	21.69	PASS
		25	0	21.70	PASS
		25	12	21.65	PASS
		25	25	21.00	PASS
		50	0	21.75	PASS

16QAM	LCH	1	0	22.18	PASS
		1	24	21.83	PASS
		1	49	21.12	PASS
		25	0	20.87	PASS
		25	12	20.73	PASS
		25	25	20.65	PASS
		50	0	20.84	PASS
	MCH	1	0	21.60	PASS
		1	24	22.11	PASS
		1	49	21.97	PASS
		25	0	20.61	PASS
		25	12	20.80	PASS
		25	25	20.74	PASS
		50	0	20.78	PASS
	HCH	1	0	22.06	PASS
		1	24	21.94	PASS
		1	49	21.15	PASS
		25	0	20.74	PASS
		25	12	20.72	PASS
		25	25	20.51	PASS
		50	0	20.76	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	1.0782	1.224	PASS
	MCH	6	0	1.0765	1.218	PASS
	HCH	6	0	1.0762	1.224	PASS
16QAM	LCH	6	0	1.0783	1.215	PASS
	MCH	6	0	1.0800	1.224	PASS
	HCH	6	0	1.0804	1.237	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	2.6822	2.871	PASS
	MCH	15	0	2.6798	2.869	PASS
	HCH	15	0	2.6847	2.869	PASS
16QAM	LCH	15	0	2.6806	2.884	PASS
	MCH	15	0	2.6836	2.879	PASS
	HCH	15	0	2.6835	2.871	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	4.4827	4.824	PASS
	MCH	25	0	4.4753	4.814	PASS
	HCH	25	0	4.4851	4.821	PASS
16QAM	LCH	25	0	4.4713	4.845	PASS
	MCH	25	0	4.4798	4.859	PASS
	HCH	25	0	4.4843	4.839	PASS

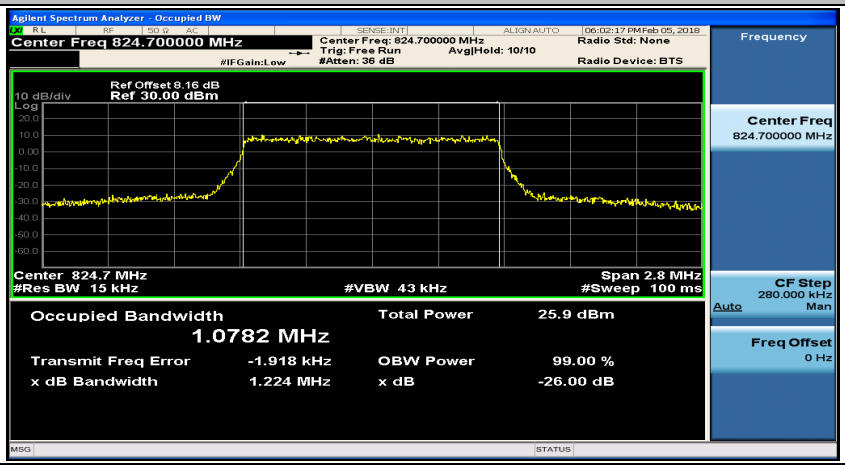
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.9513	9.499	PASS
	MCH	50	0	8.9461	9.437	PASS
	HCH	50	0	8.9374	9.451	PASS
16QAM	LCH	50	0	8.9486	9.466	PASS
	MCH	50	0	8.9404	9.472	PASS
	HCH	50	0	8.9385	9.474	PASS

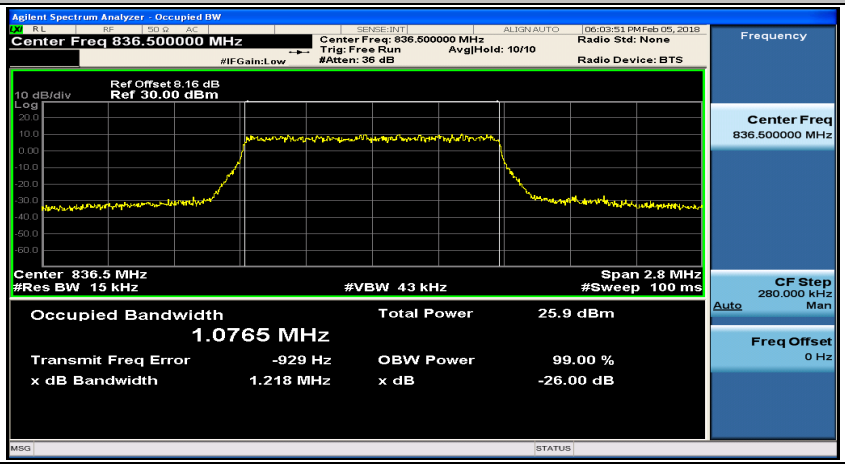
Test Graphs

Channel Bandwidth: 1.4 MHz

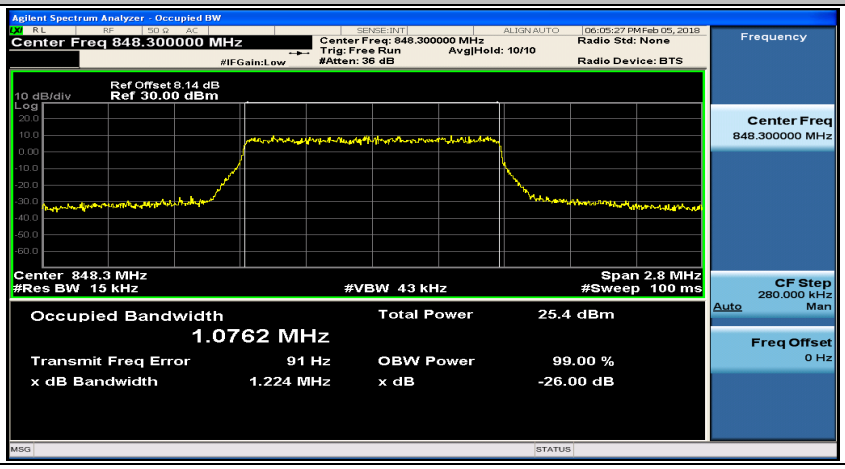
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



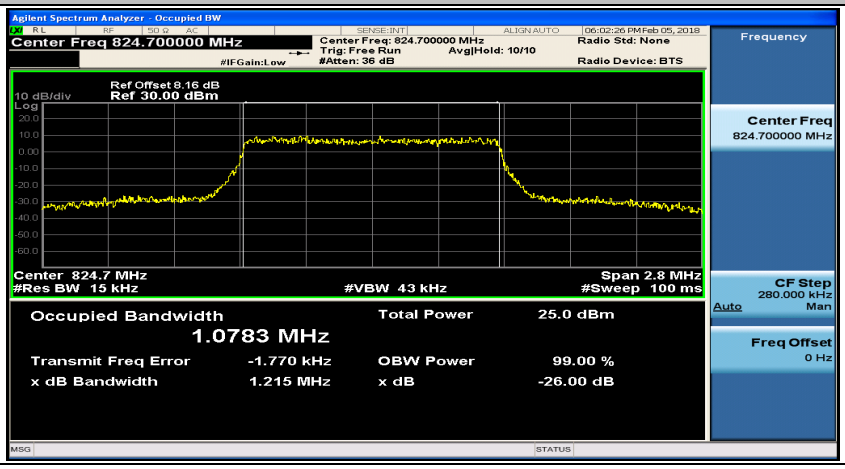
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



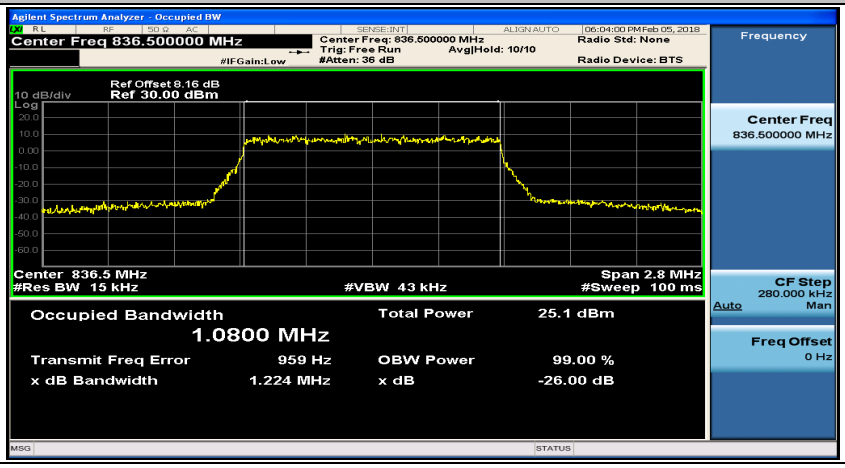
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



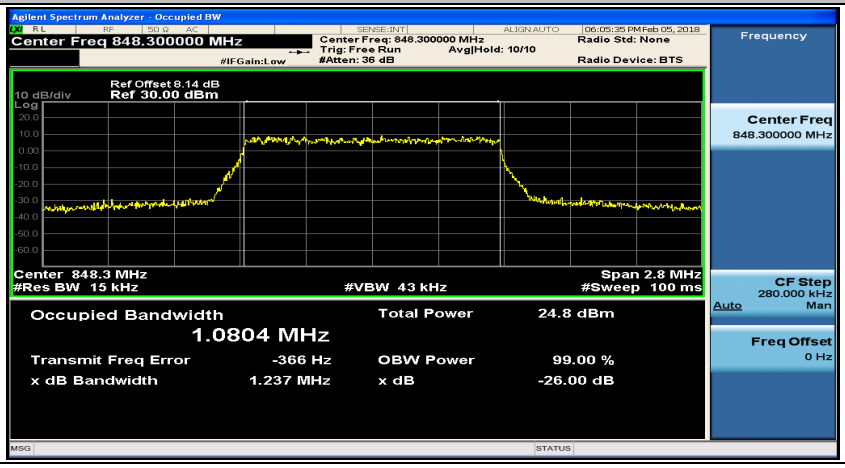
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0

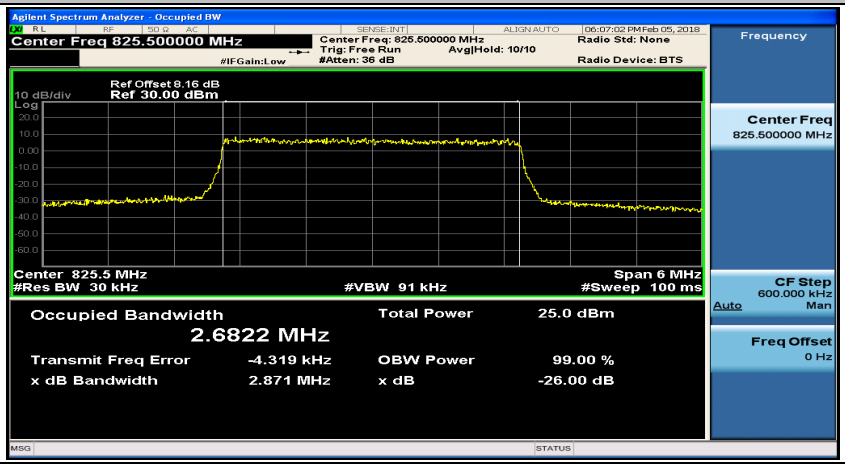


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

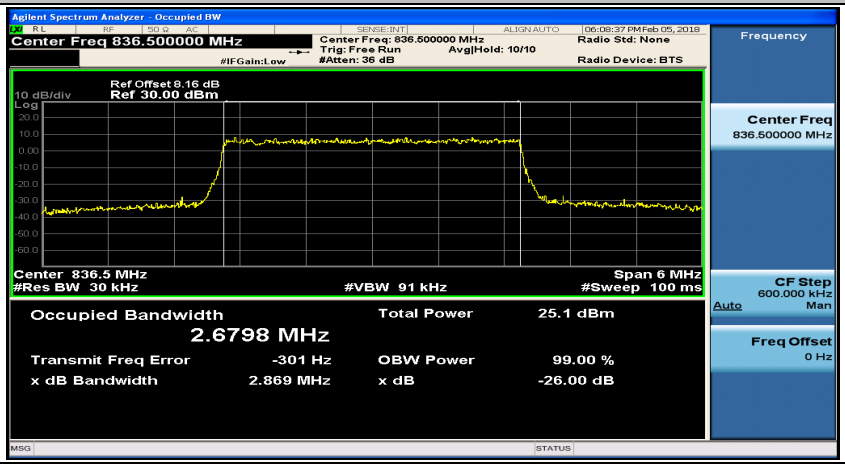


Channel Bandwidth: 3 MHz

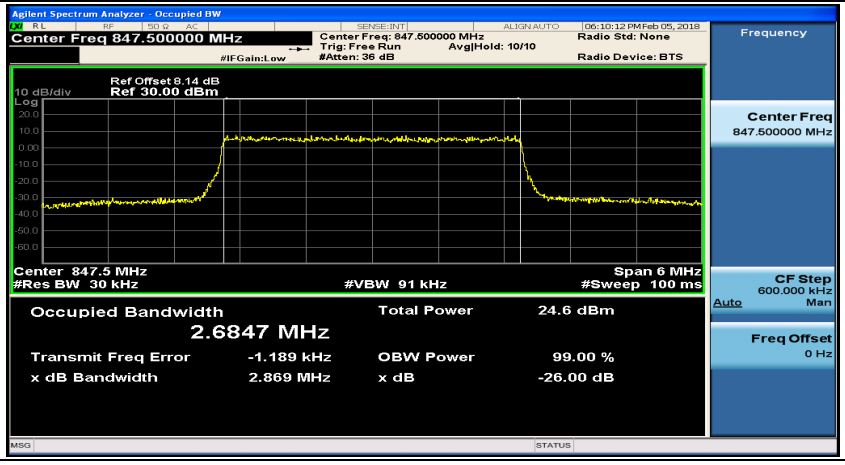
(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



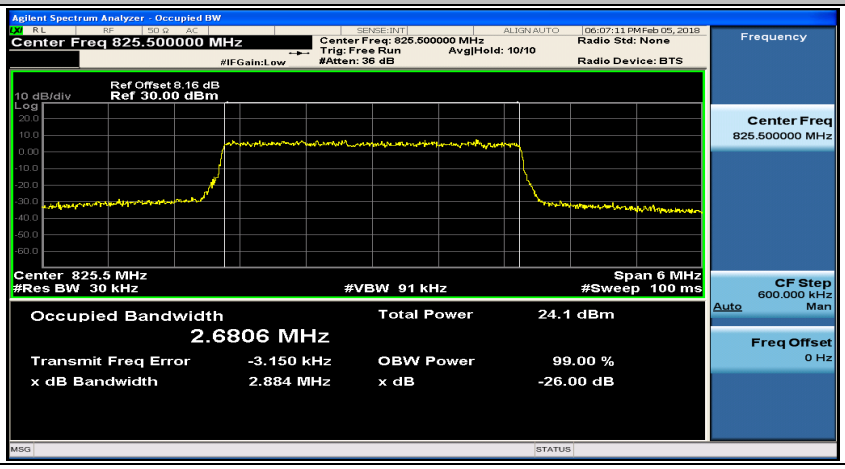
(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0



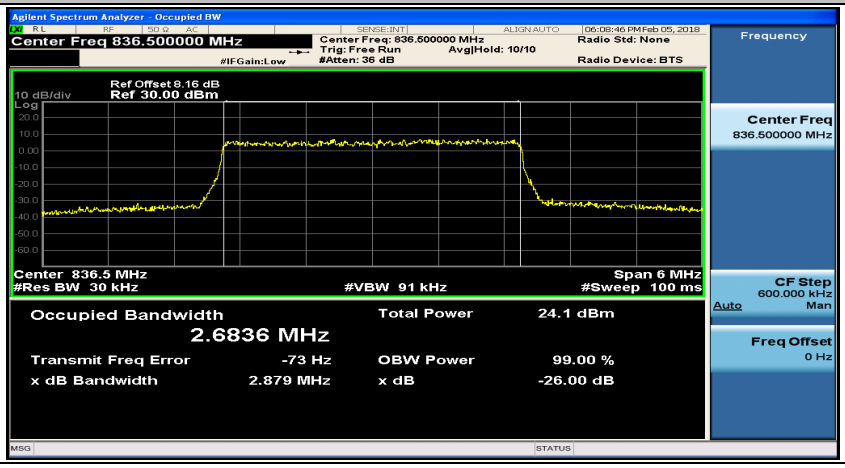
(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0



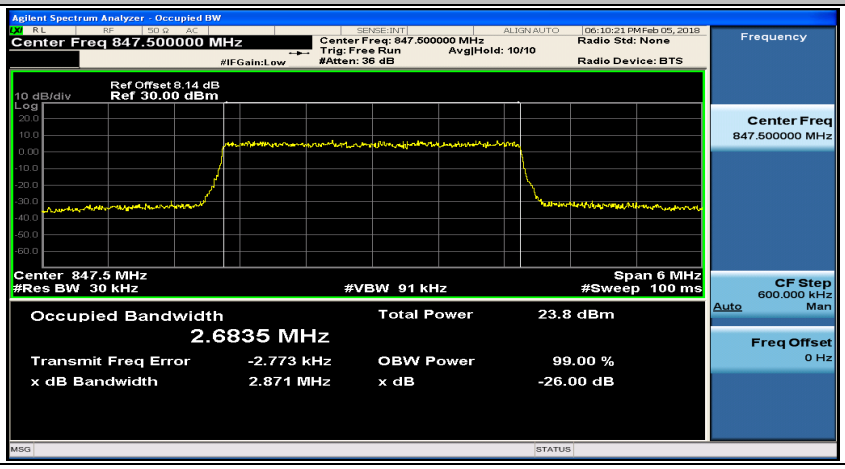
(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0



(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0

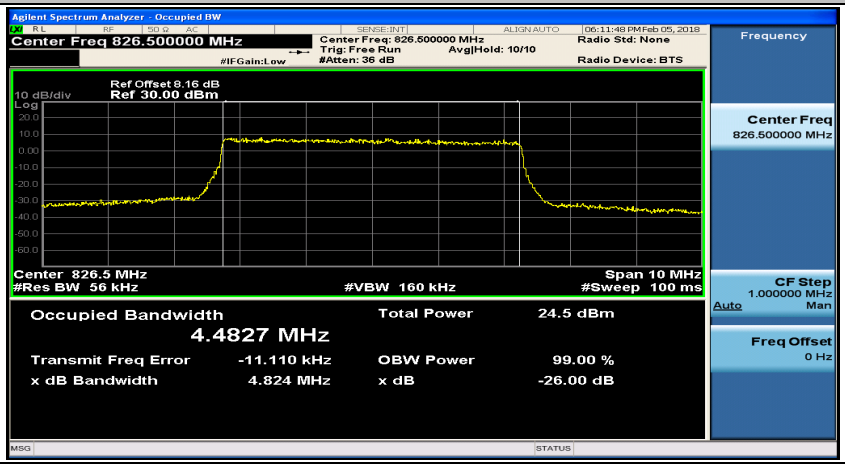


(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0

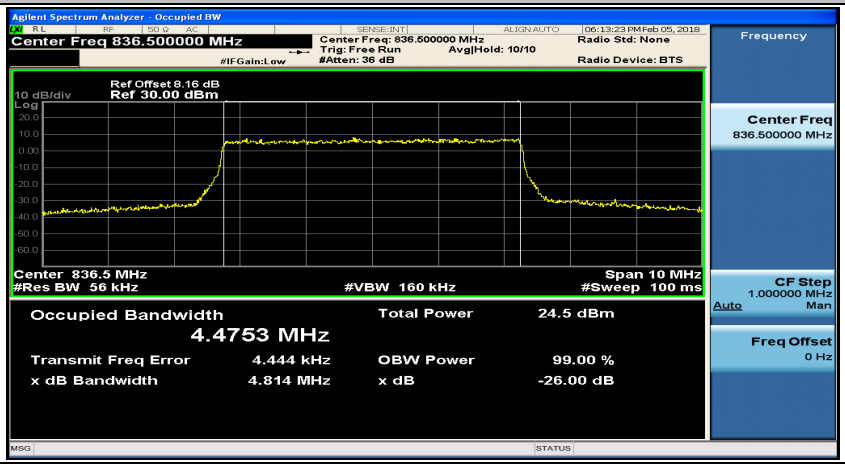


Channel Bandwidth: 5 MHz

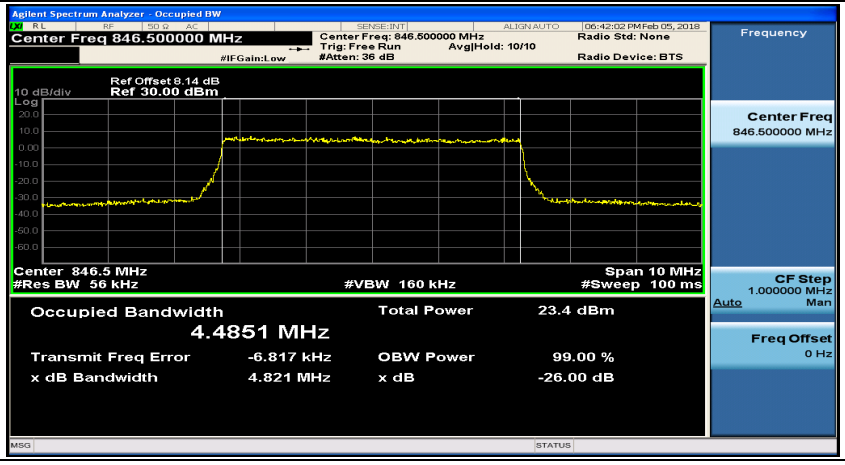
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



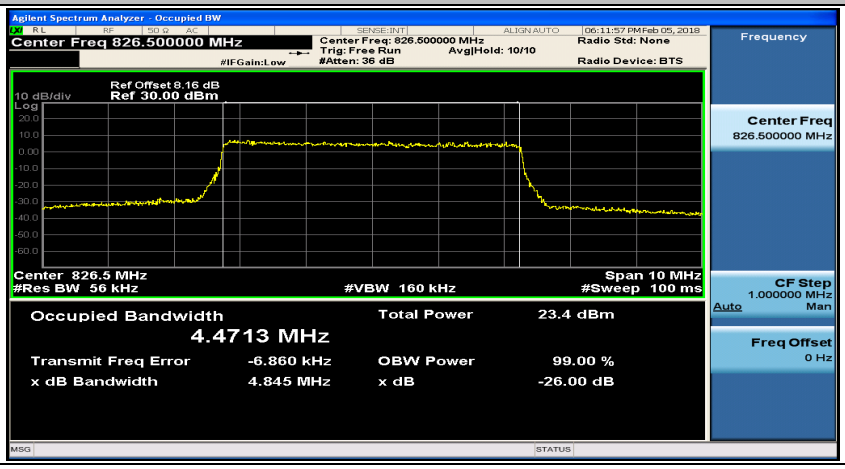
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



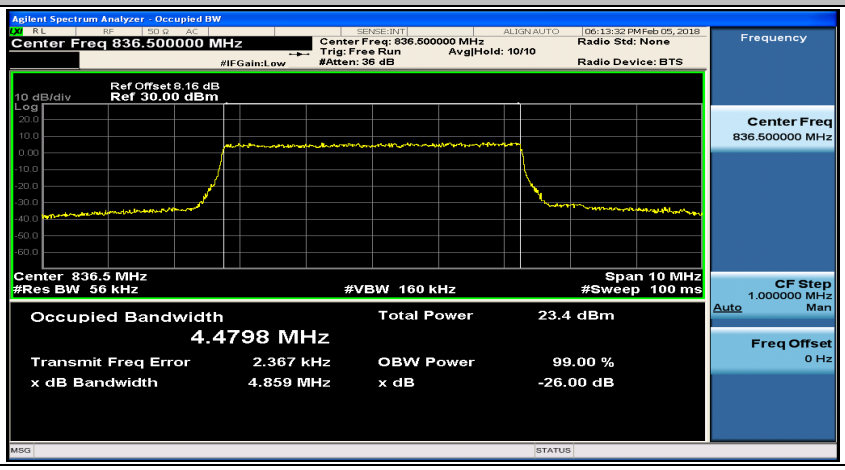
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



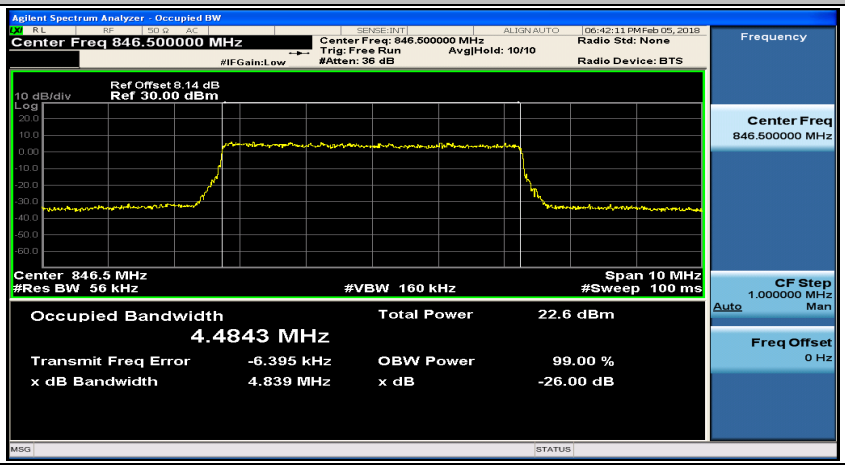
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

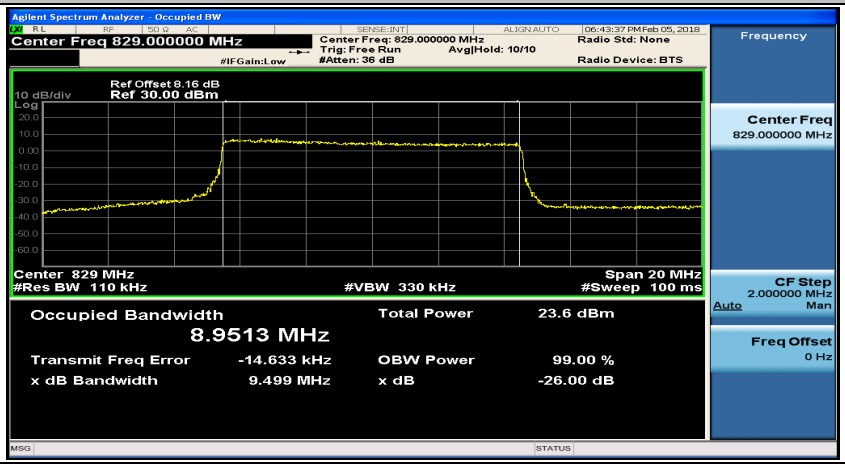


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

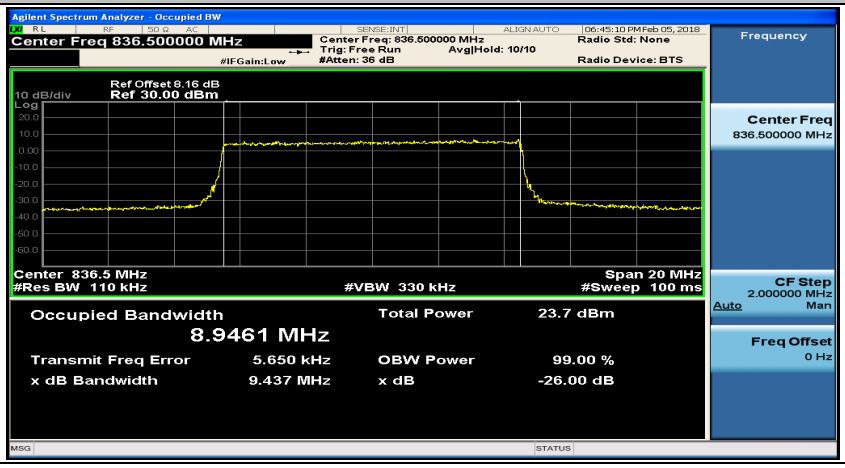


Channel Bandwidth: 10 MHz

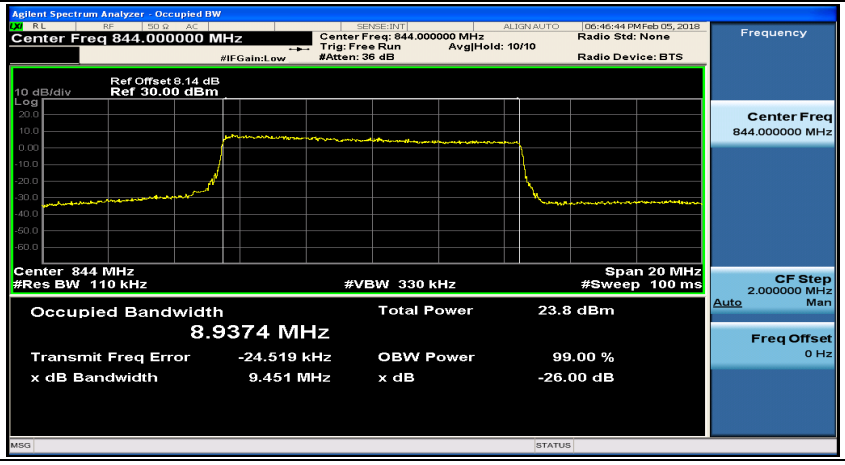
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



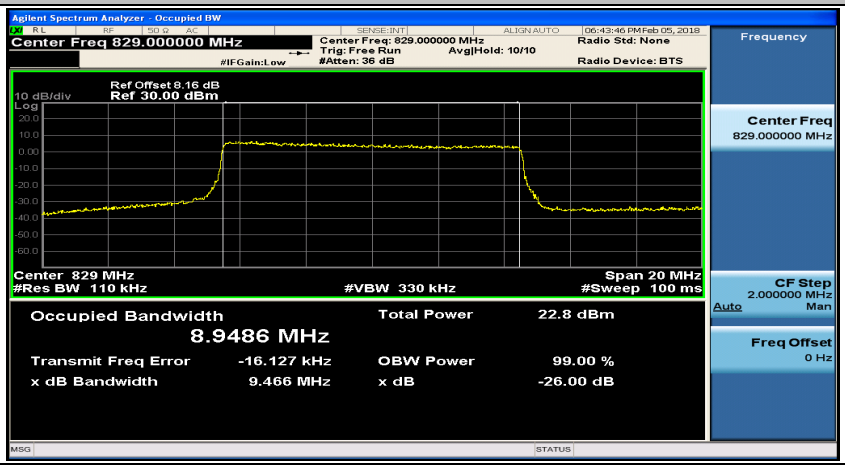
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



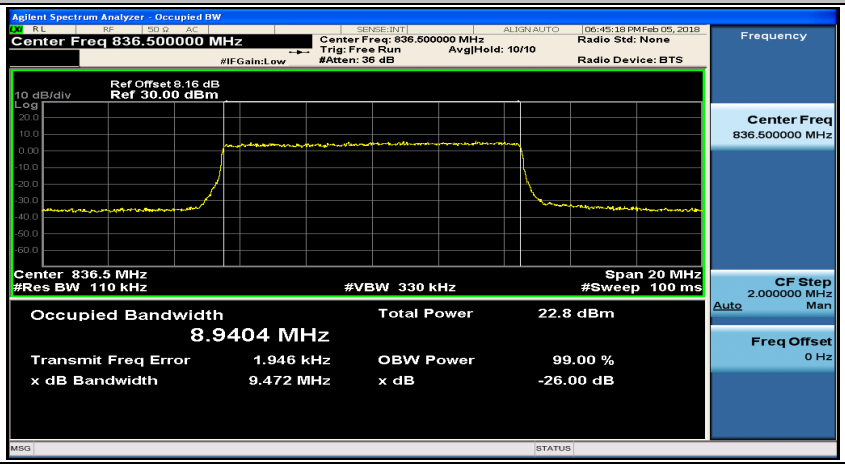
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



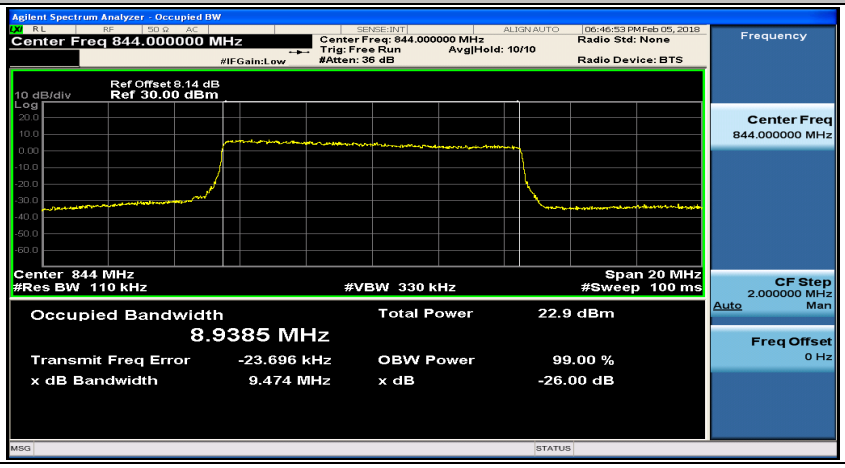
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0

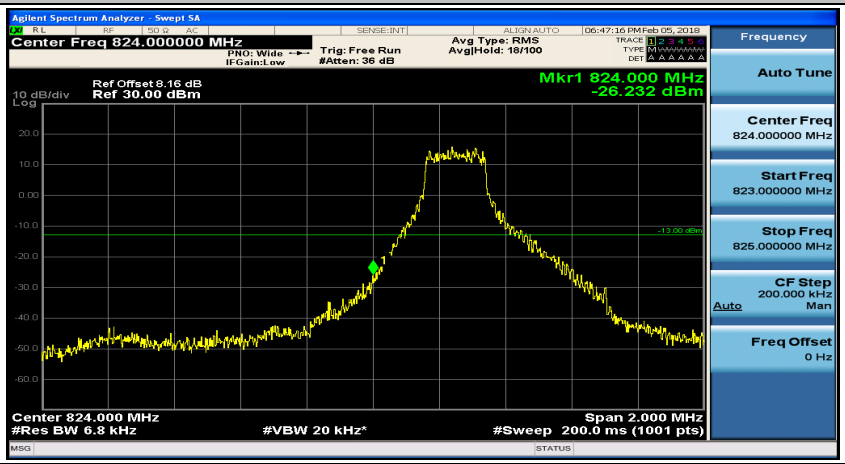


Appendix C: Band Edge

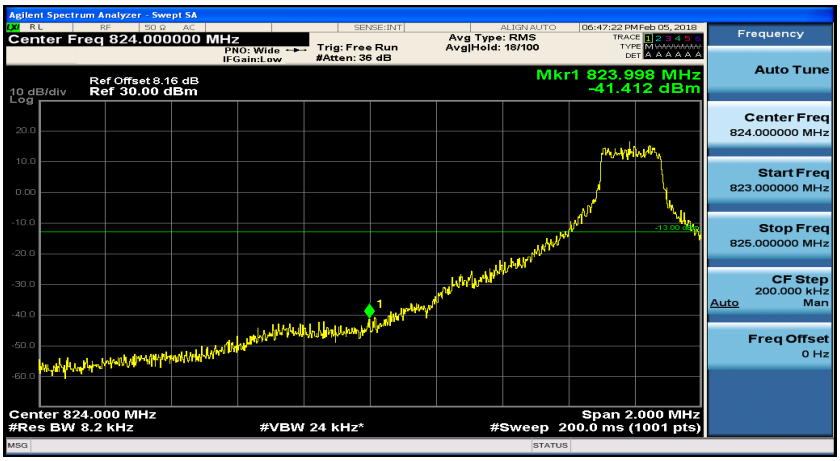
Test Graphs

Channel Bandwidth: 1.4 MHz

(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0

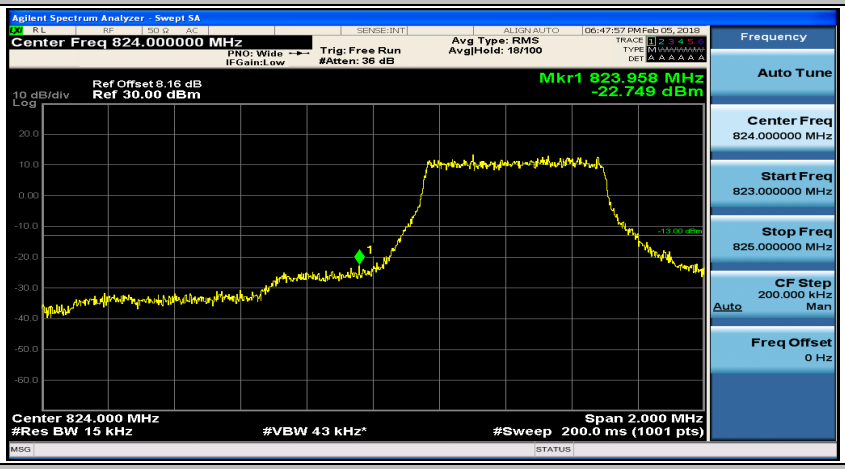


(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#3



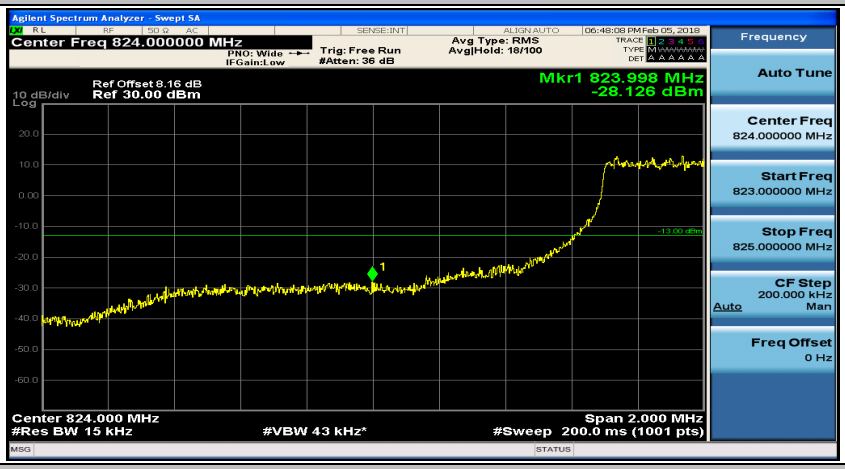
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5

(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#0

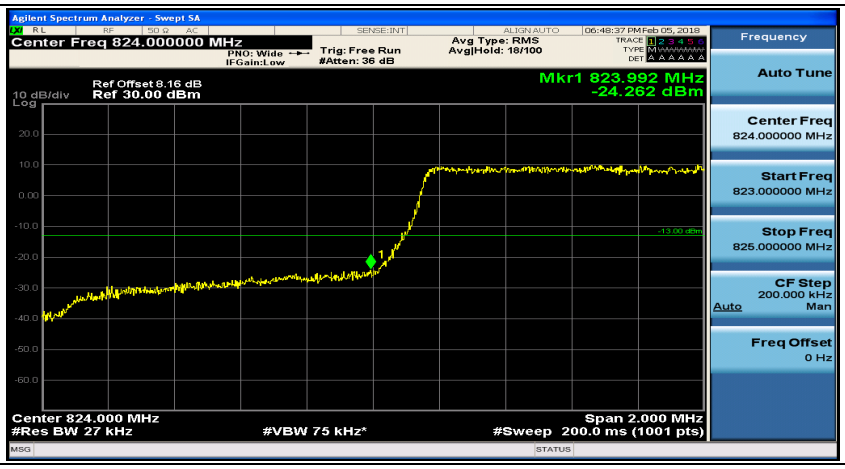


(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2

(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#3



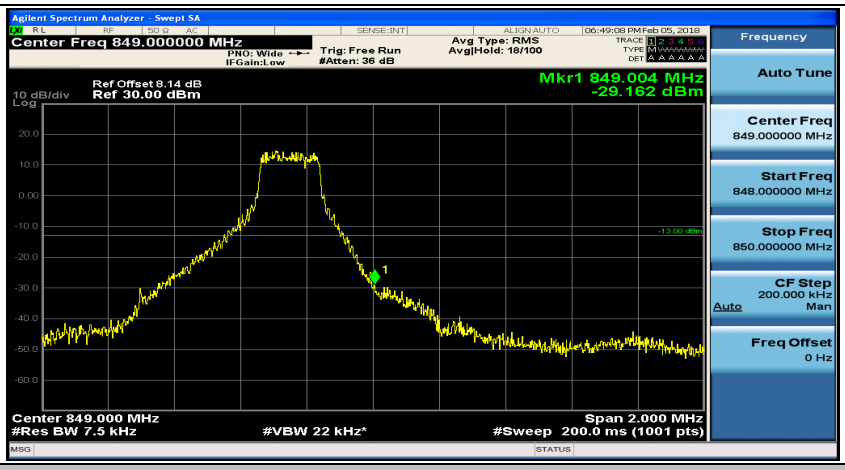
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0

(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3

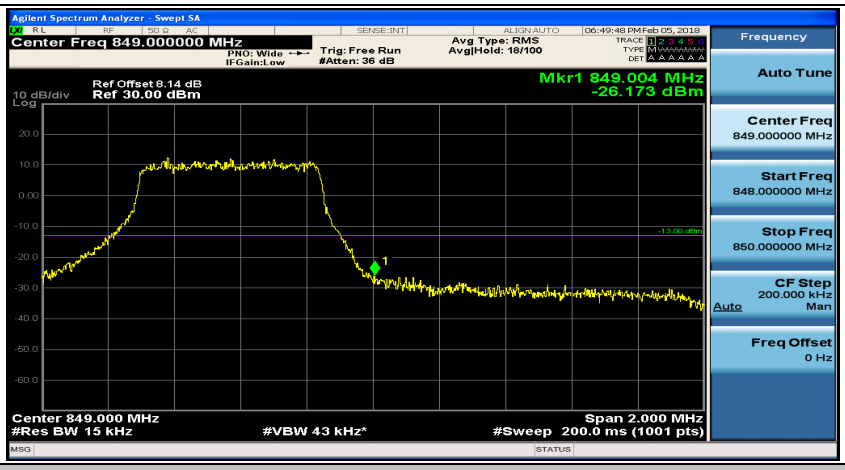
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



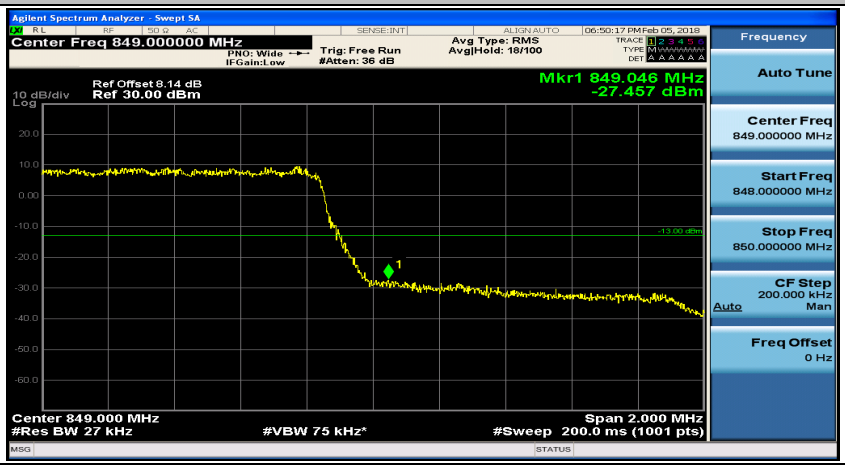
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0

(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2

(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#3

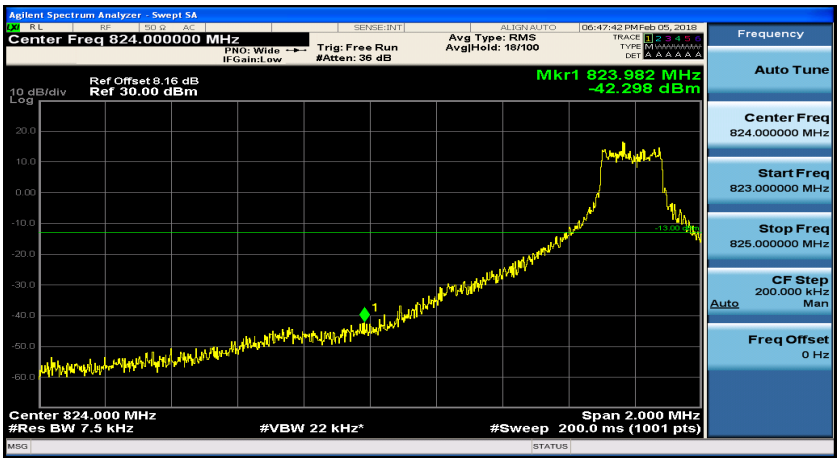


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0

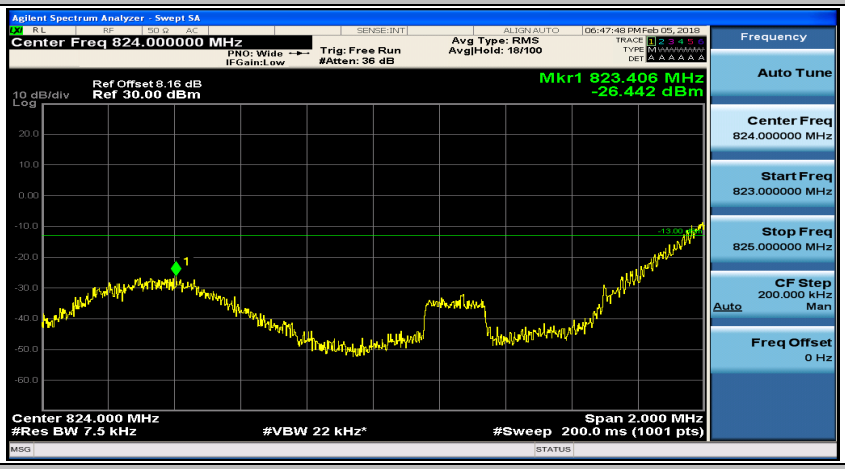


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0

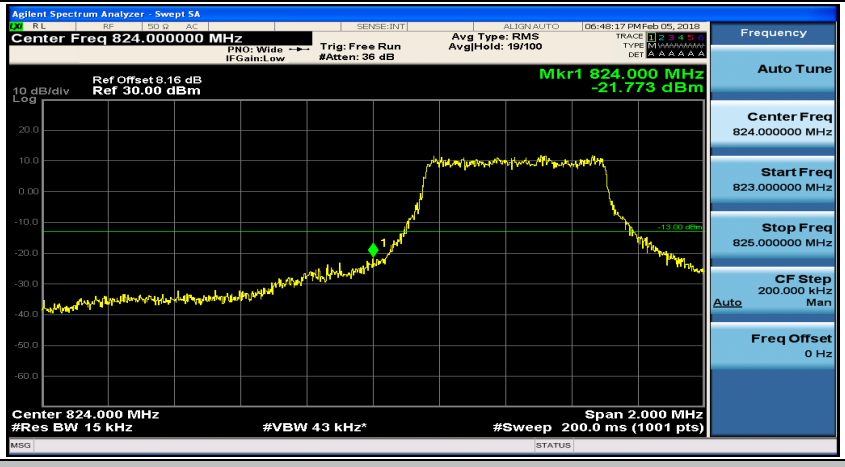
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



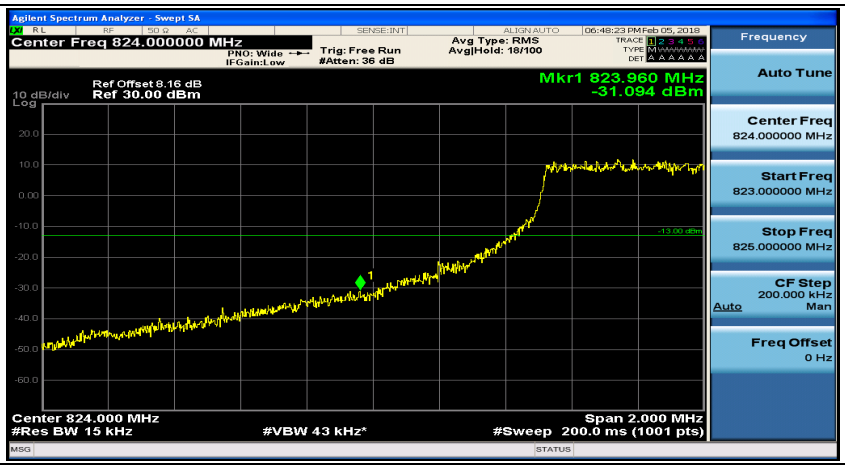
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5



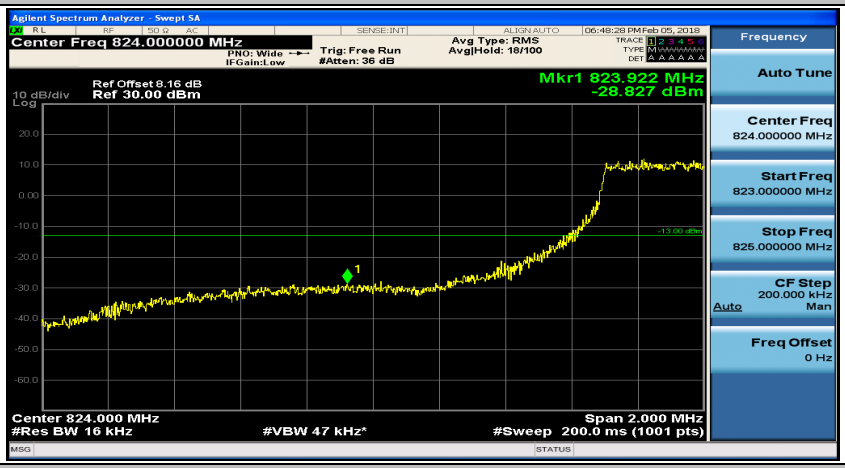
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0



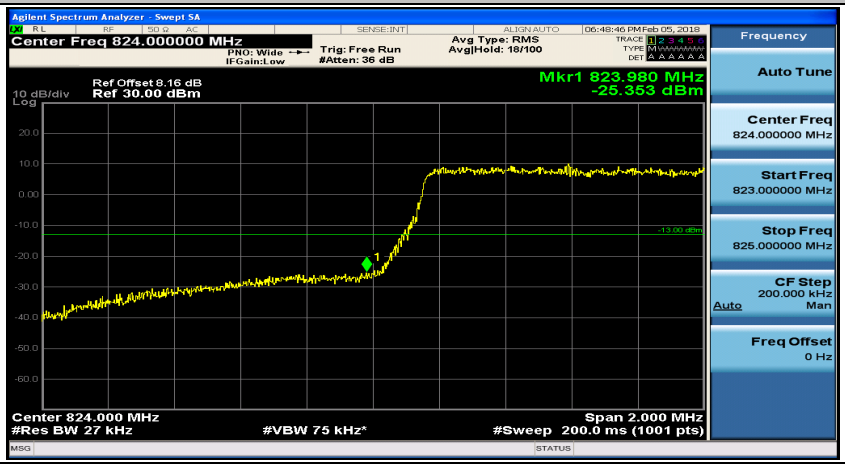
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#2



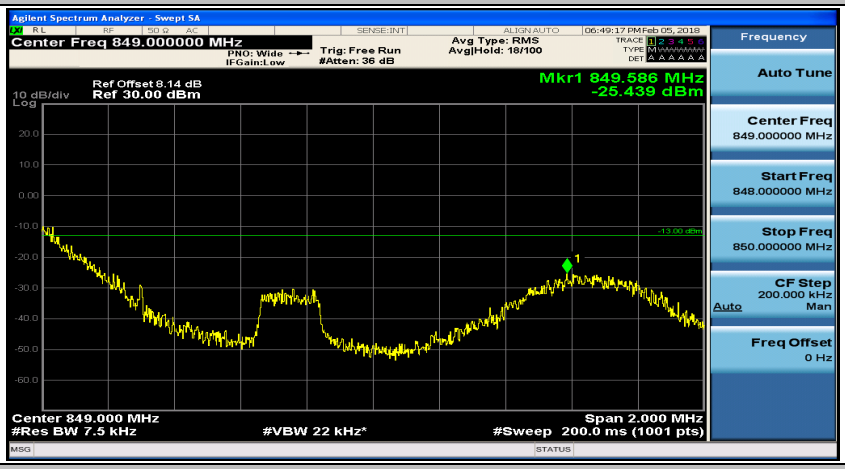
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3



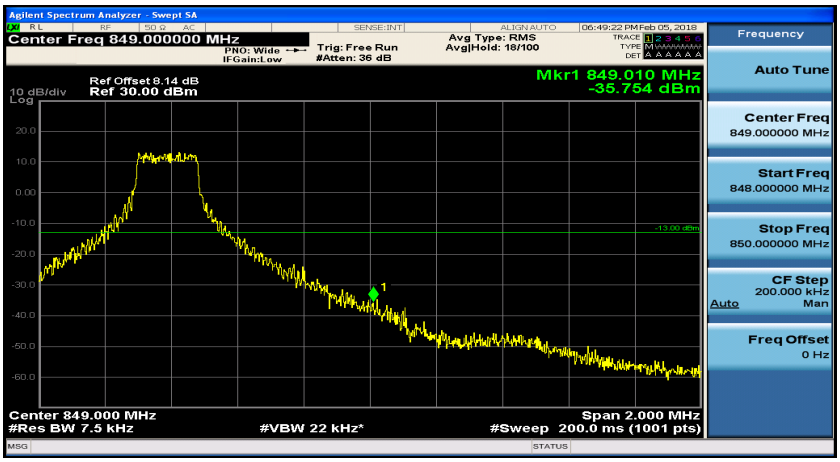
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



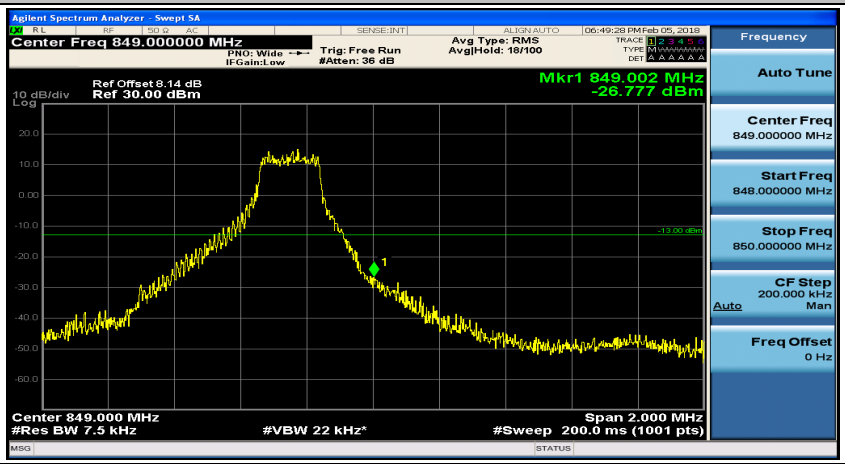
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



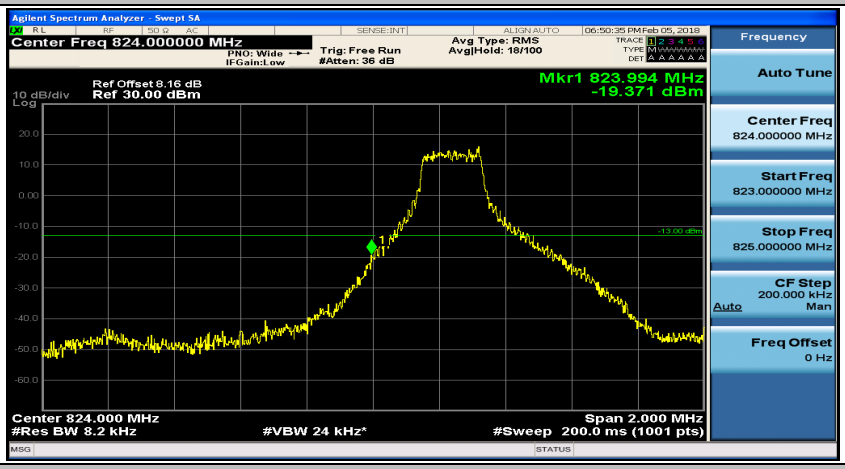
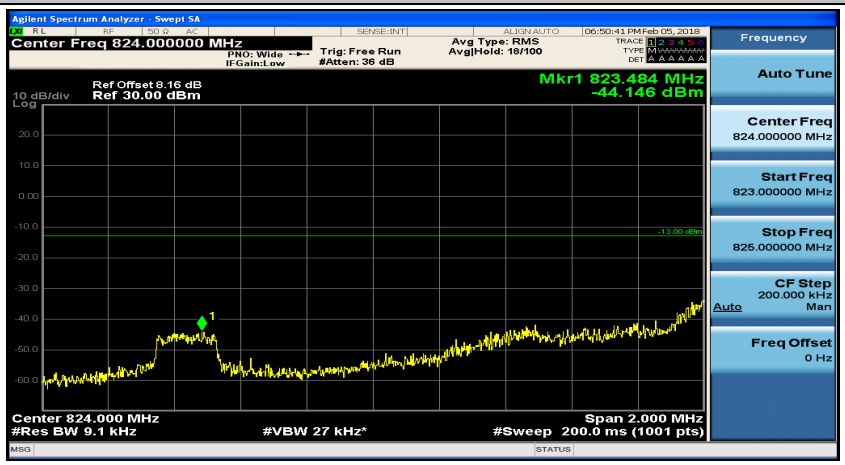
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#0

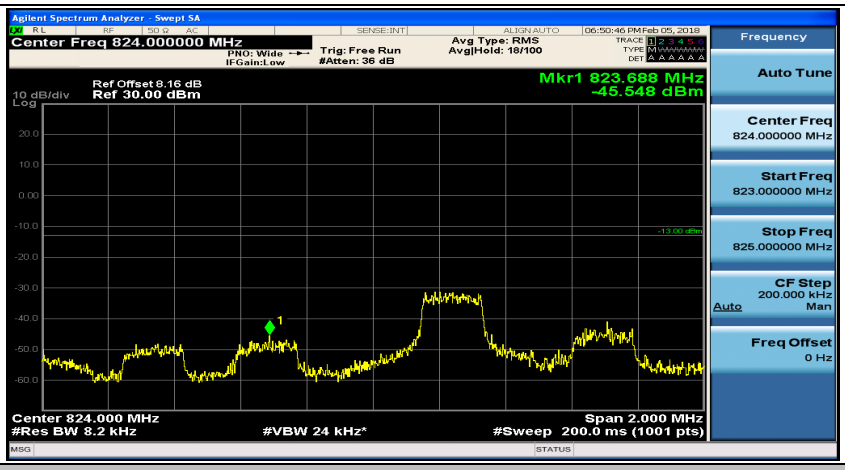
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#2

(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#3

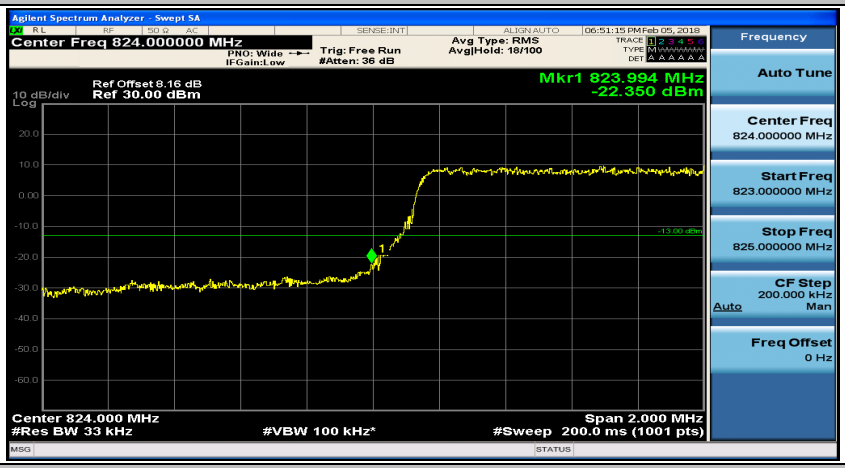
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

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

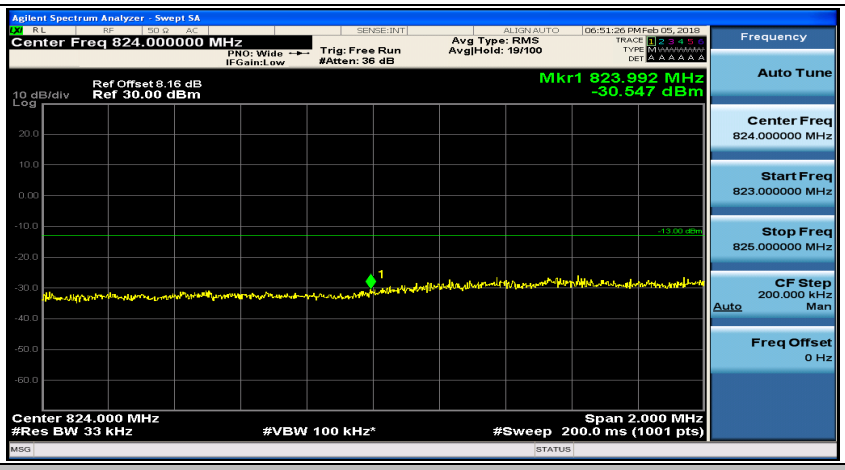


(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#0

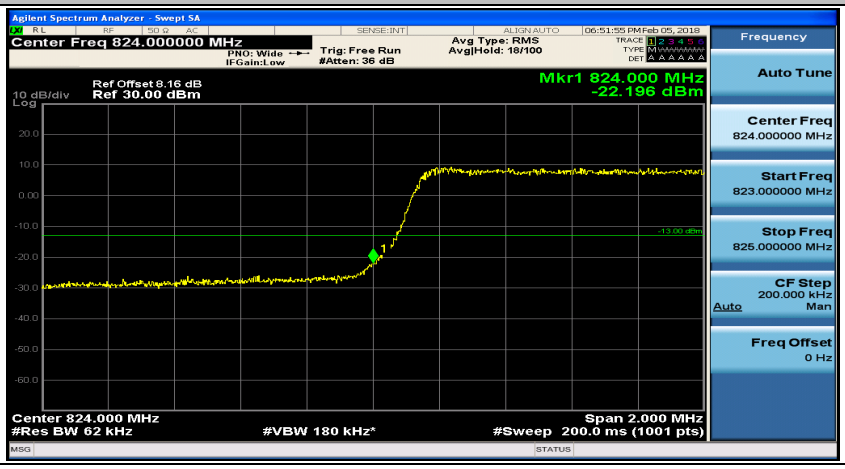


(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#4

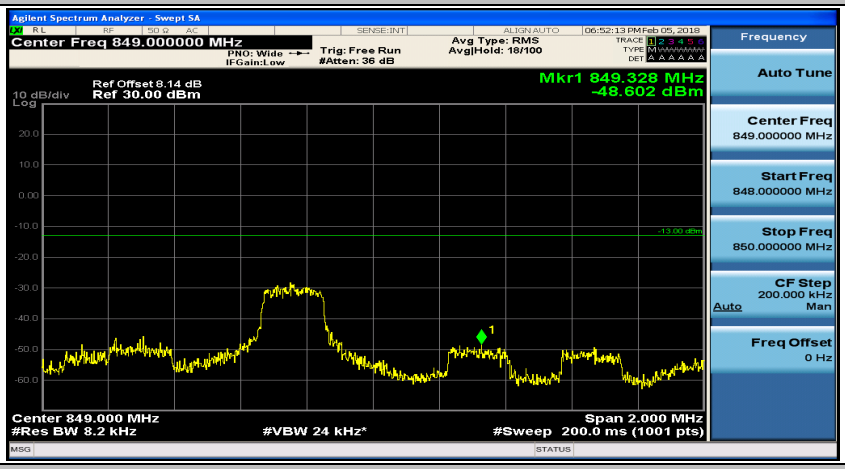
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#7



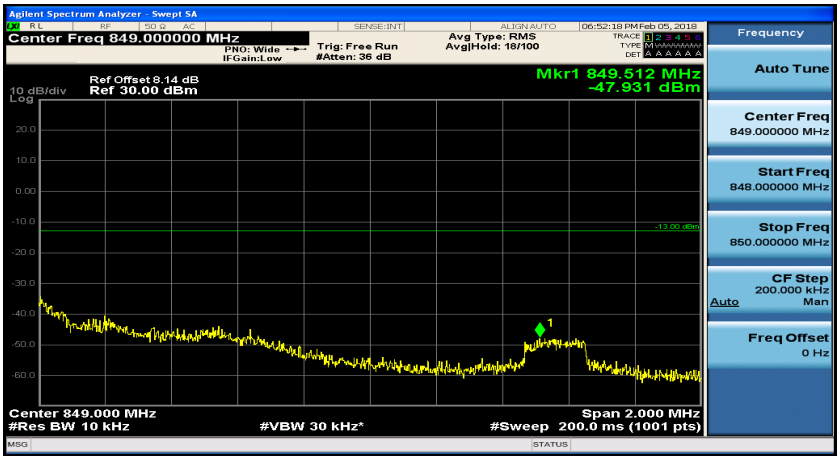
(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



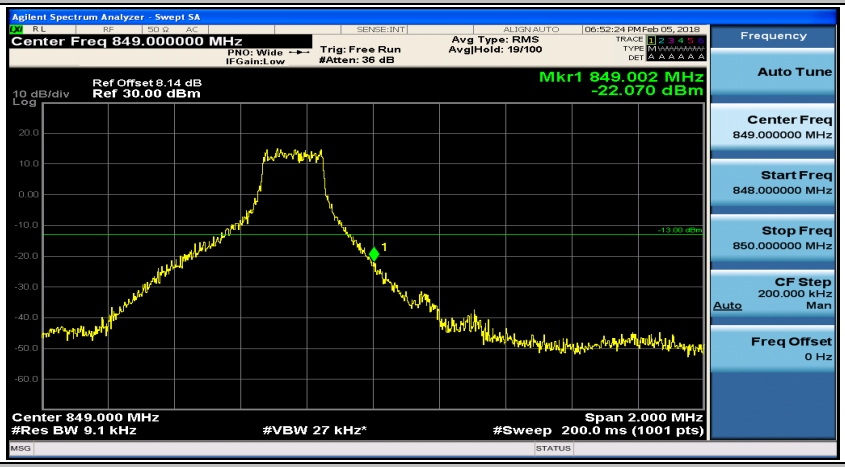
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0



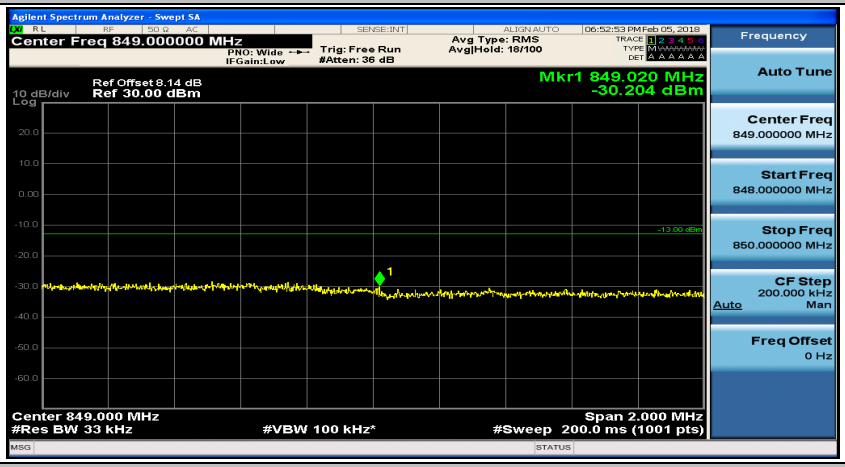
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7



(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14



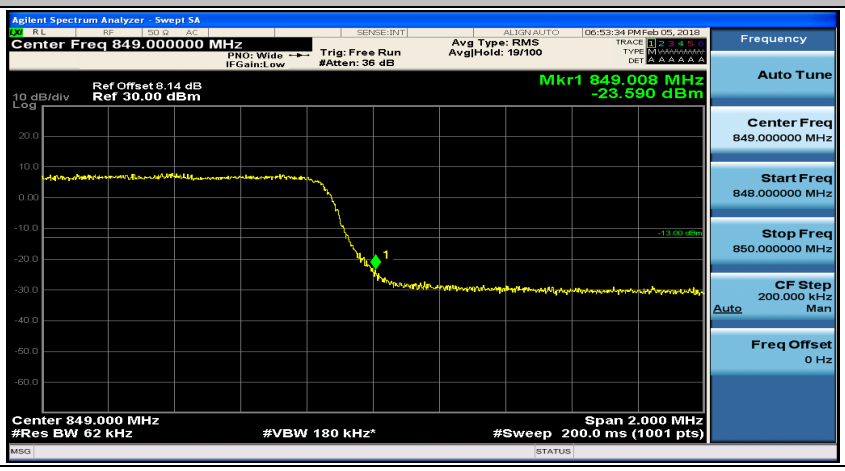
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#0



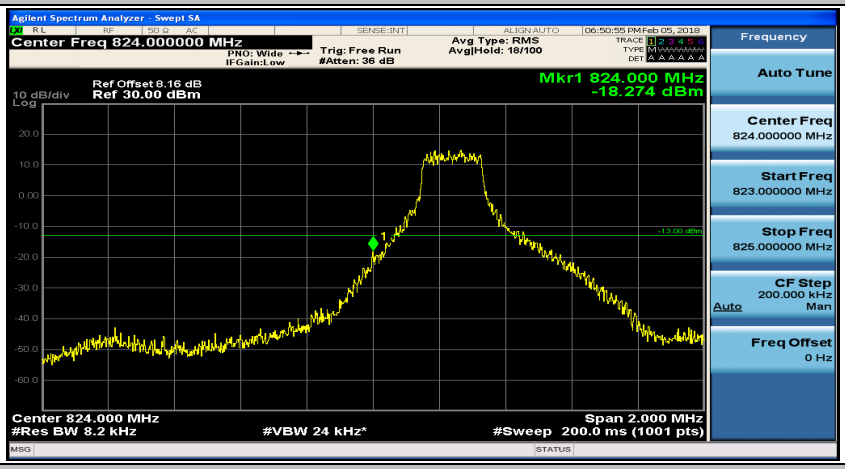
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#4

(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#7

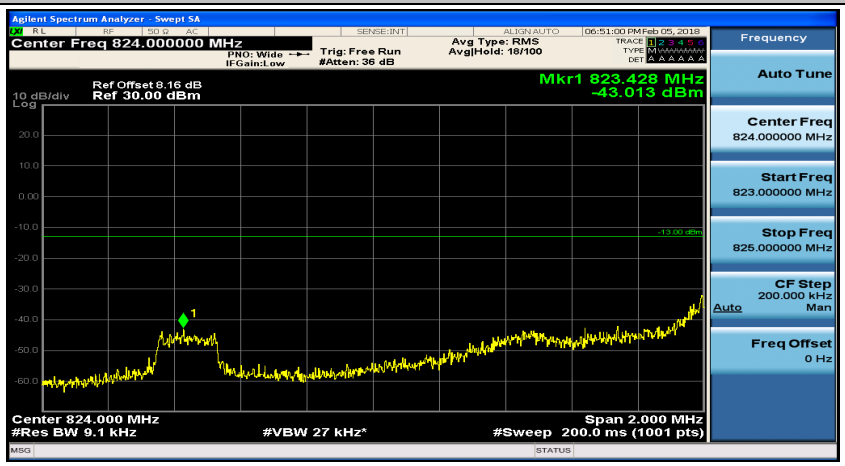
(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0



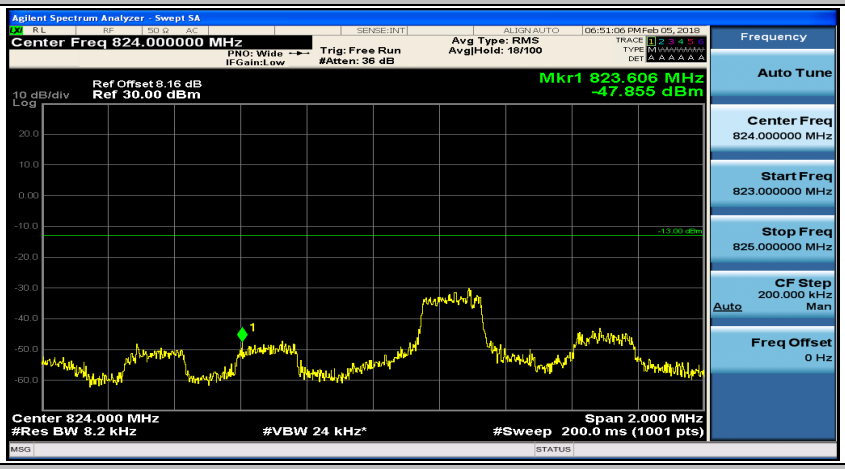
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



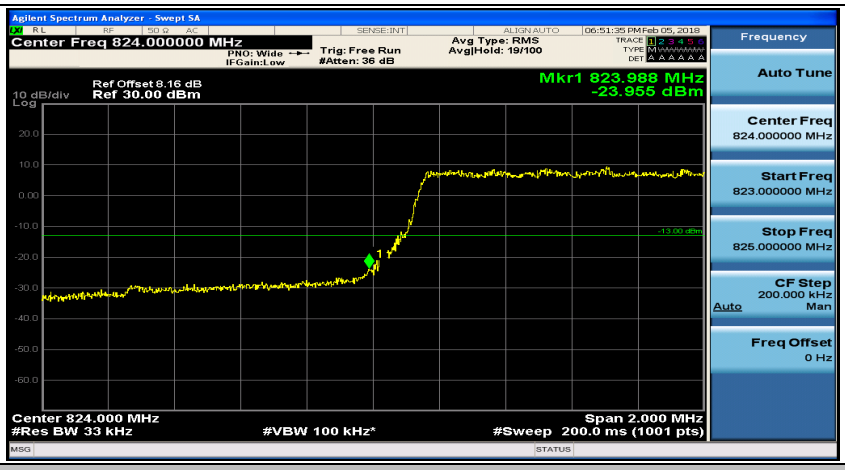
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7



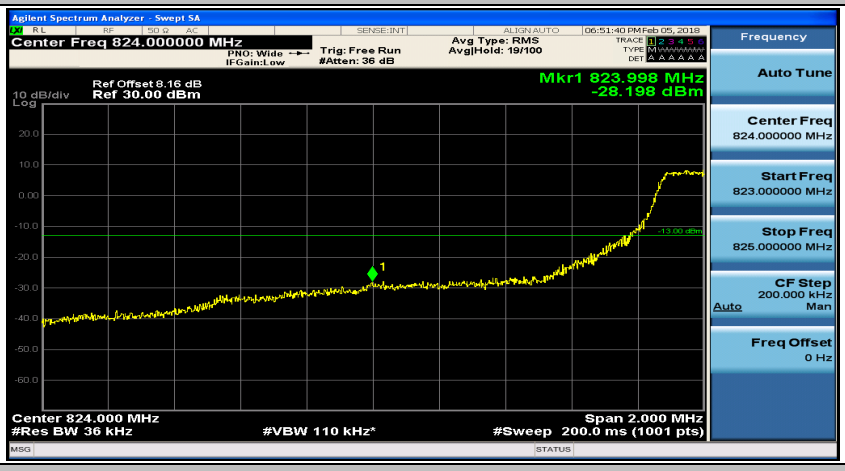
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14



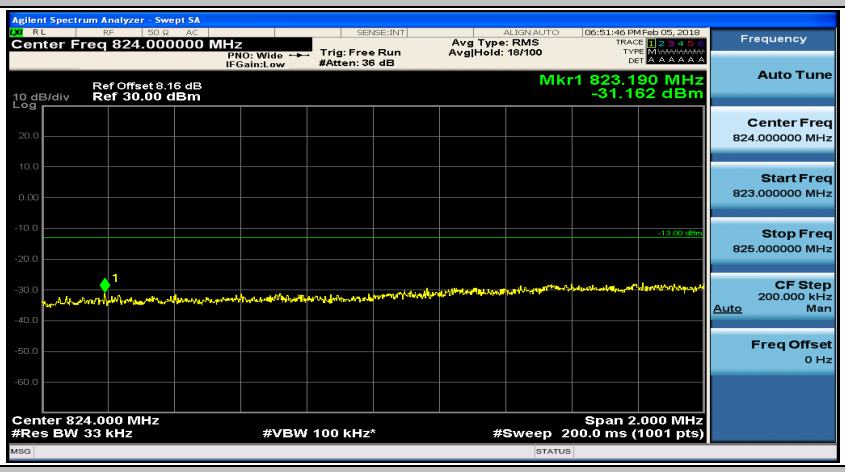
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#0



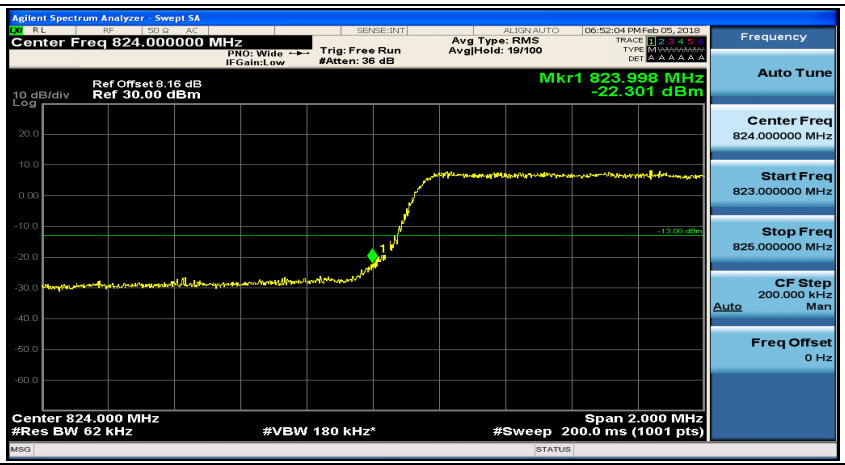
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#4



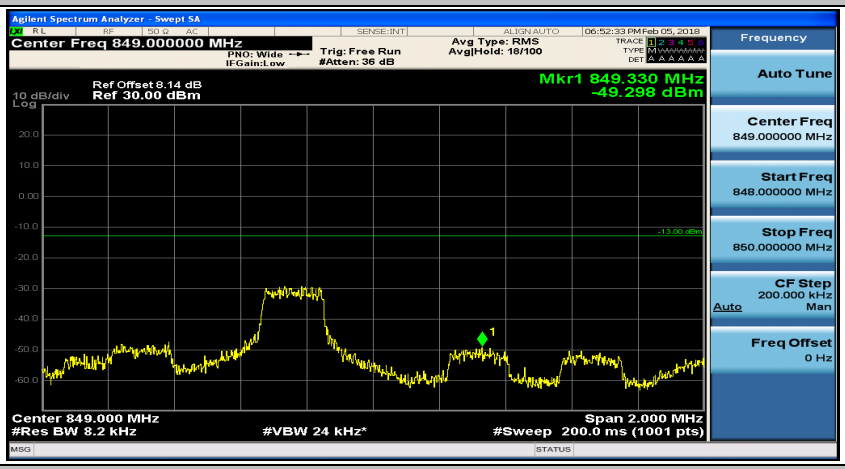
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#7



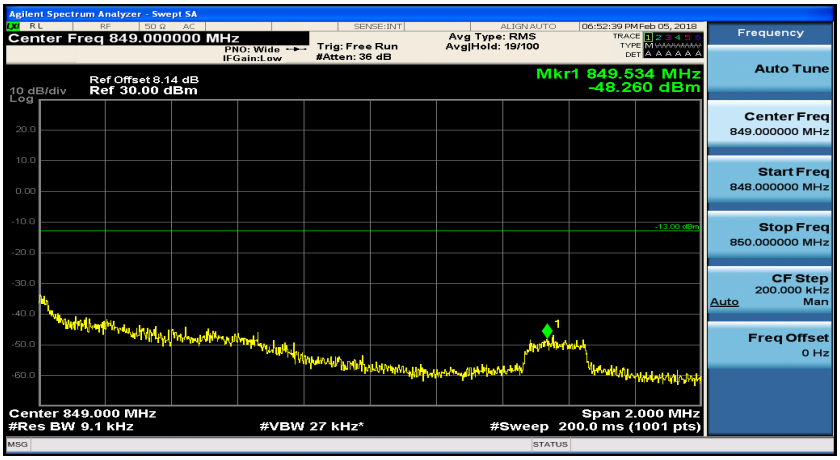
(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0



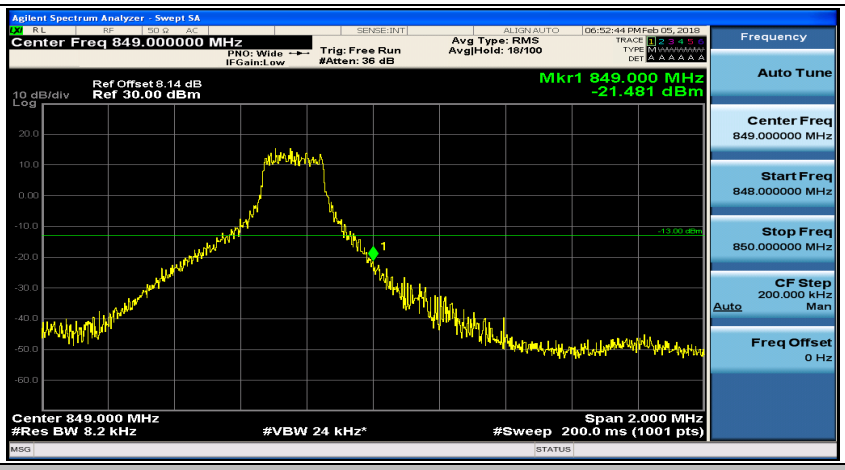
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0



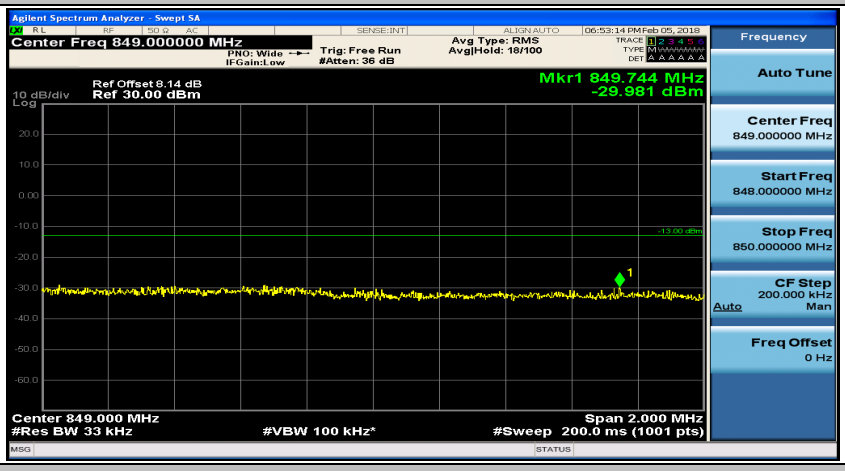
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7



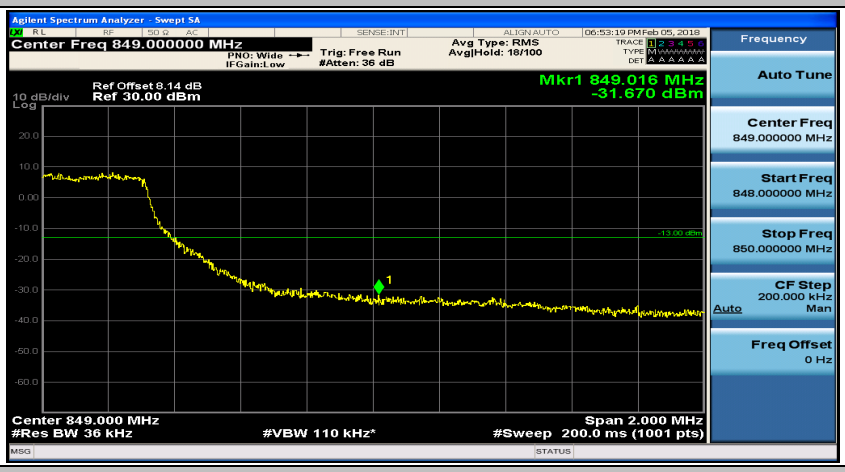
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#14



(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#0

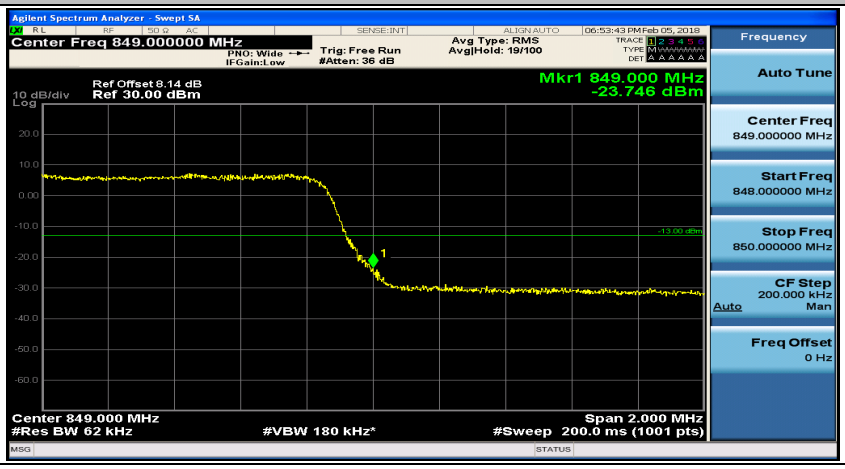


(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#4



(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#7

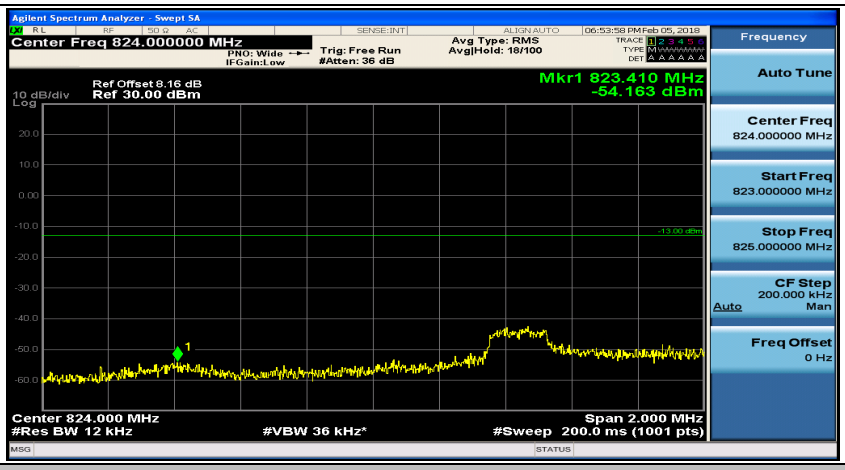
(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0



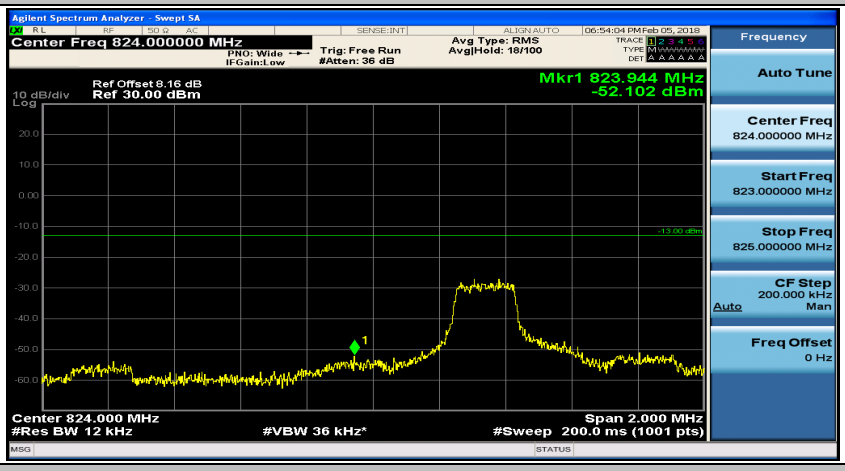
Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0

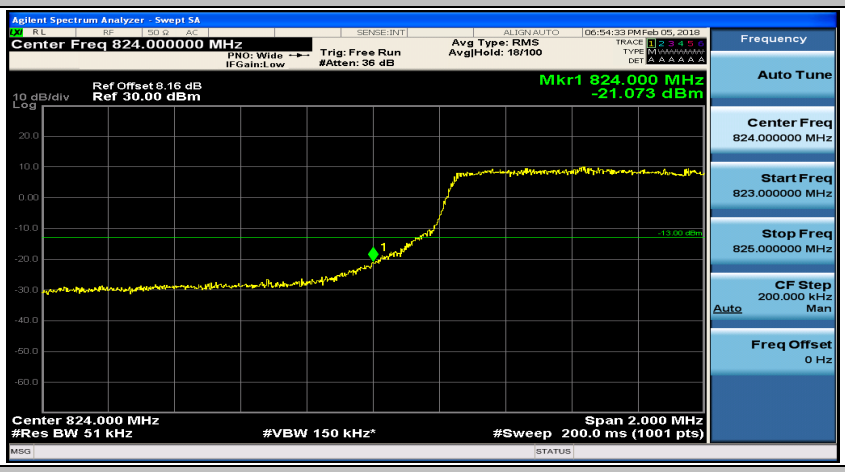
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



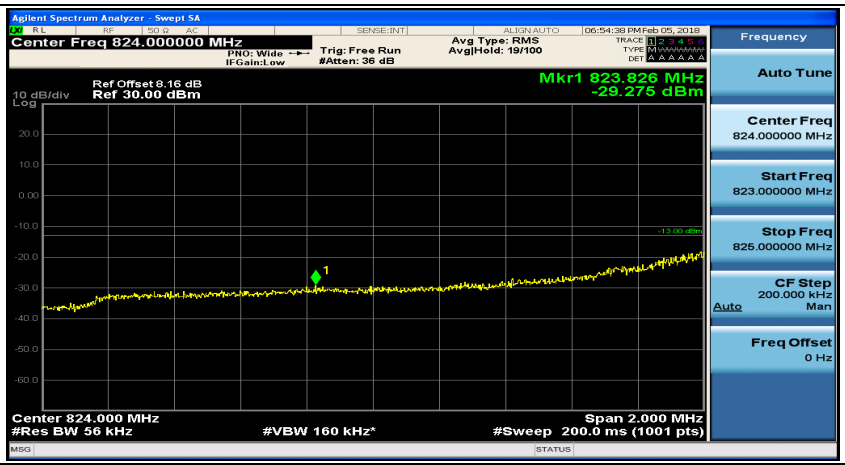
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



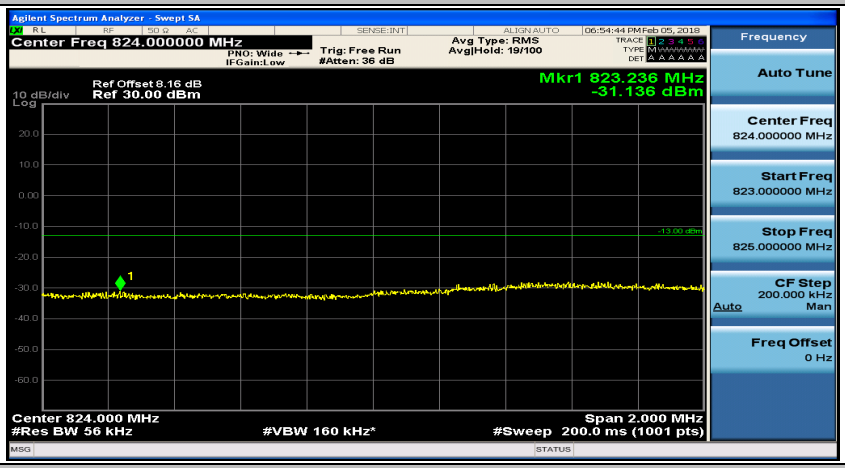
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



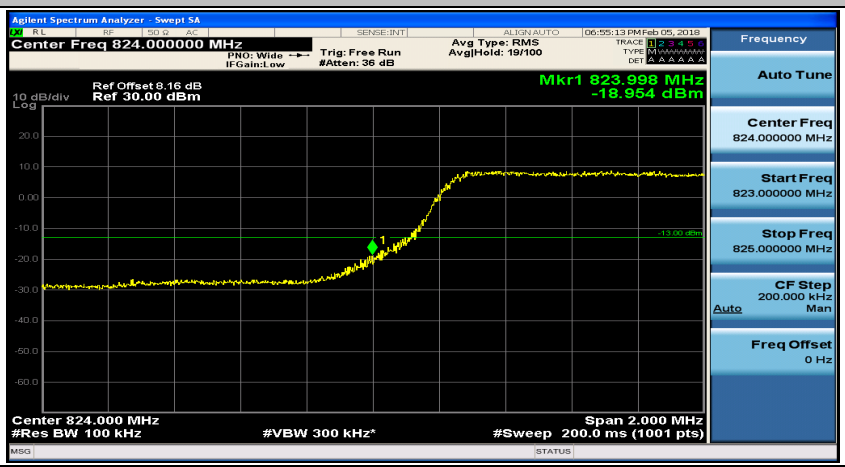
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



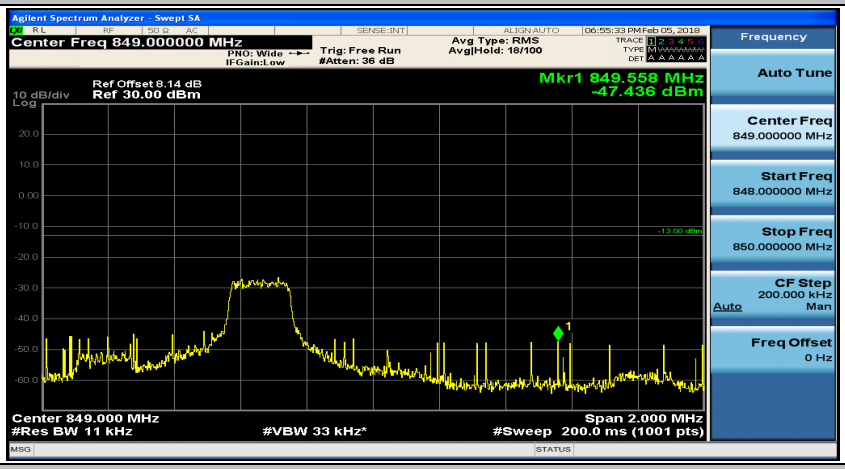
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



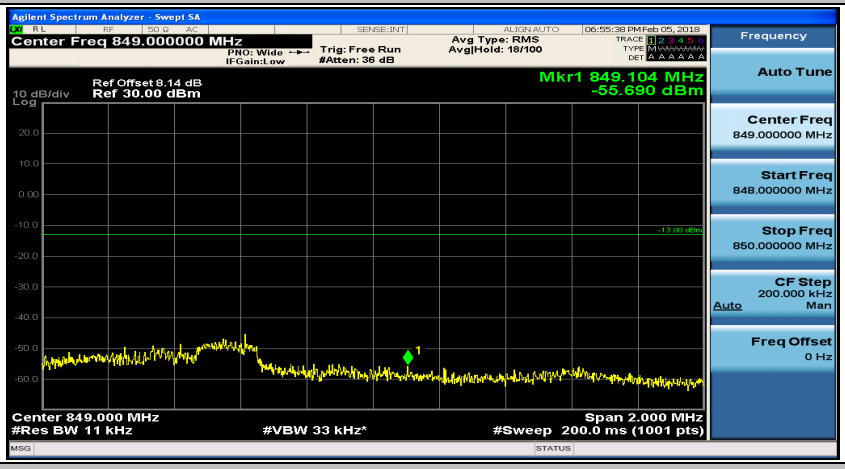
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

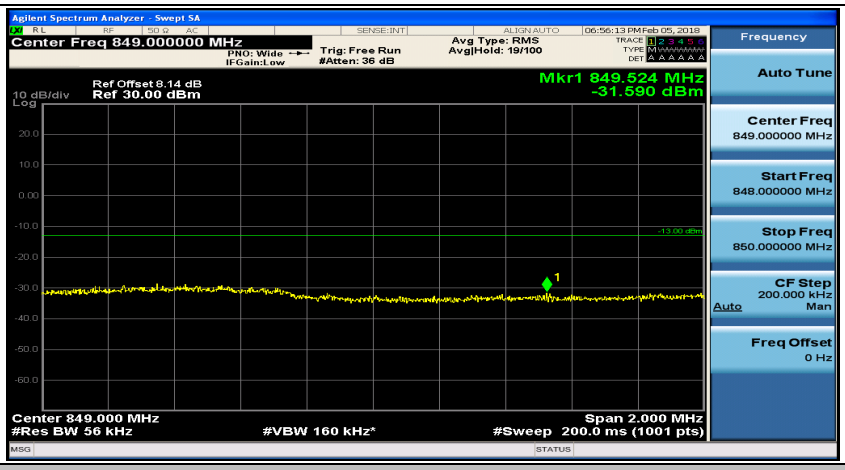


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12

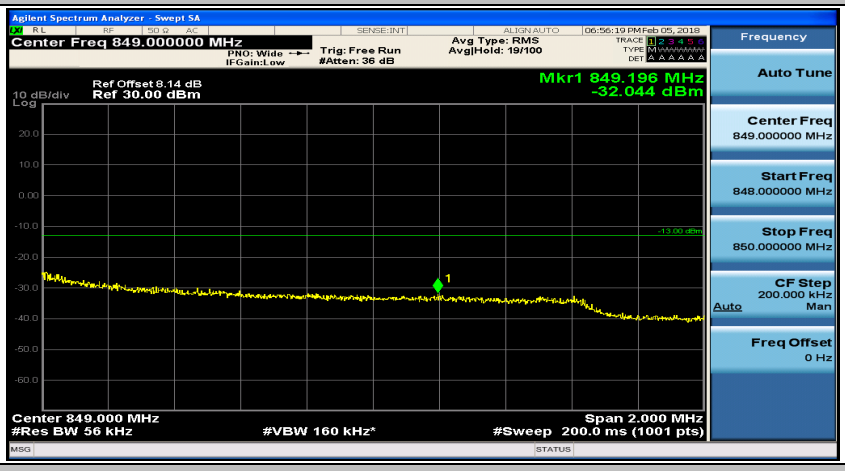


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24

(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



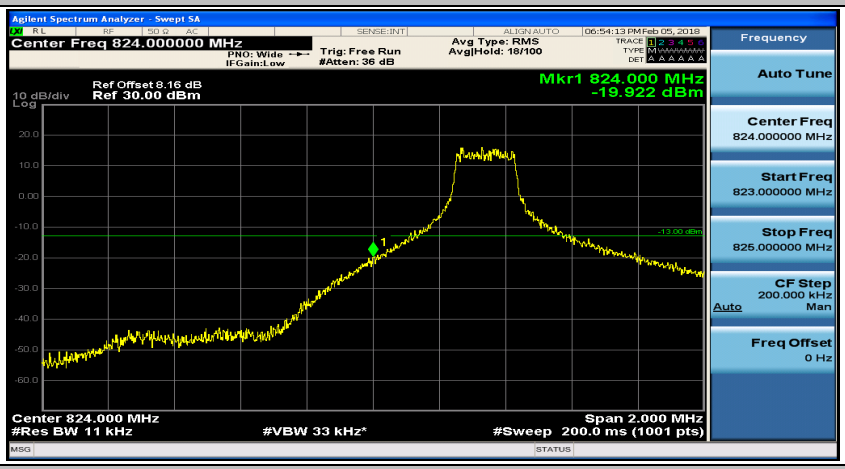
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



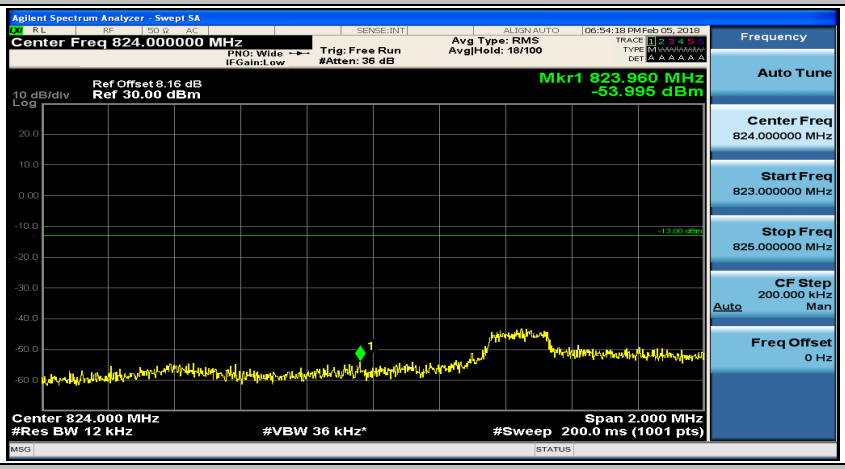
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13

(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0

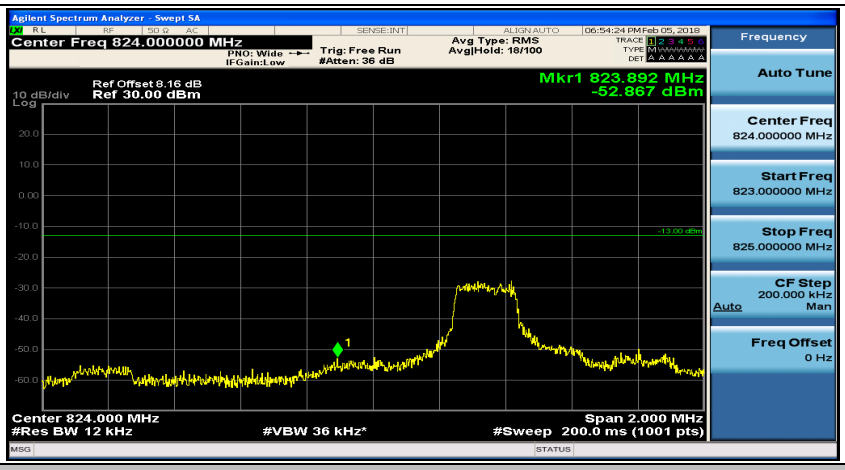
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



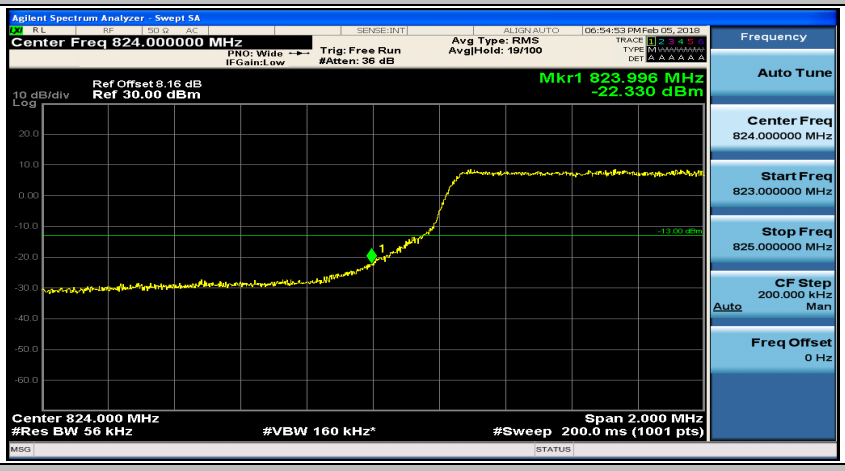
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



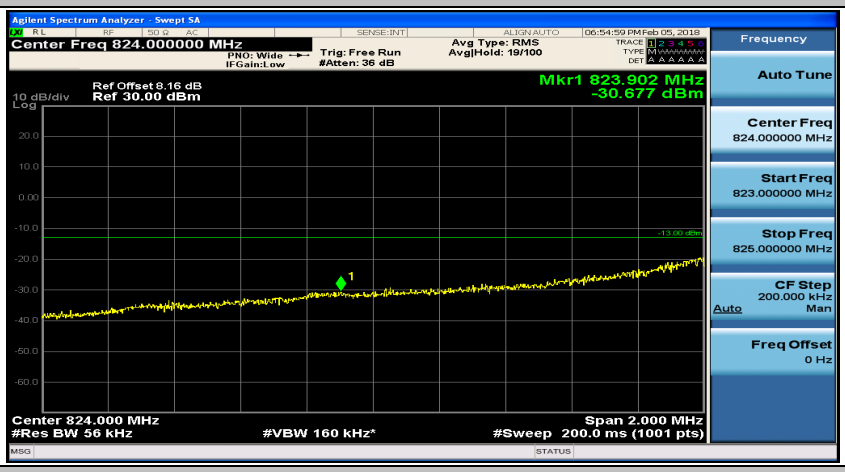
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



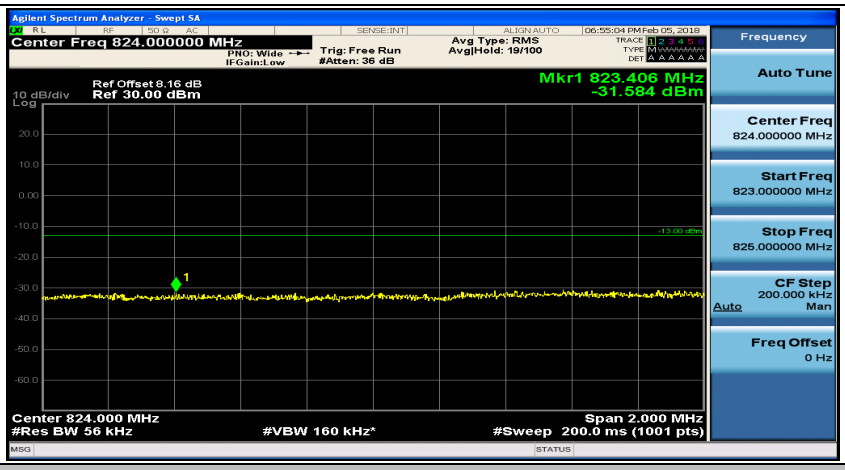
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



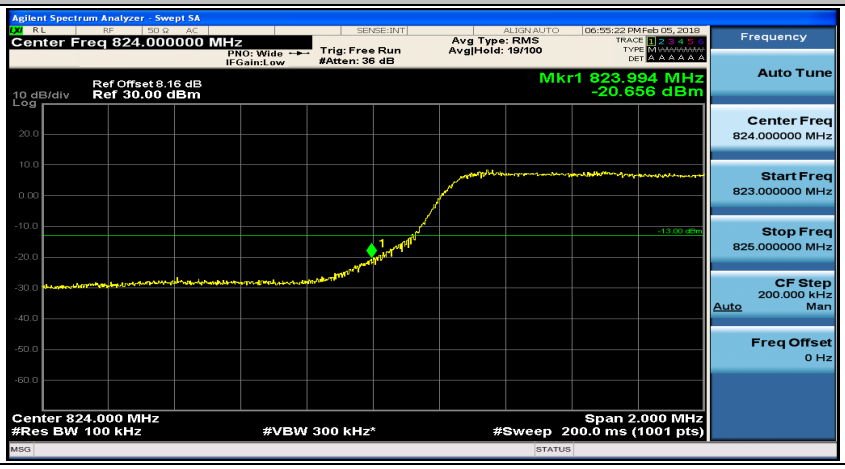
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



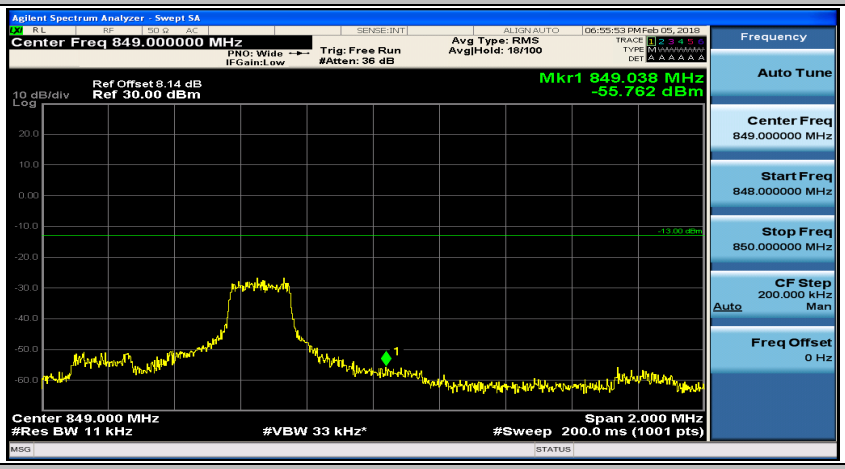
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



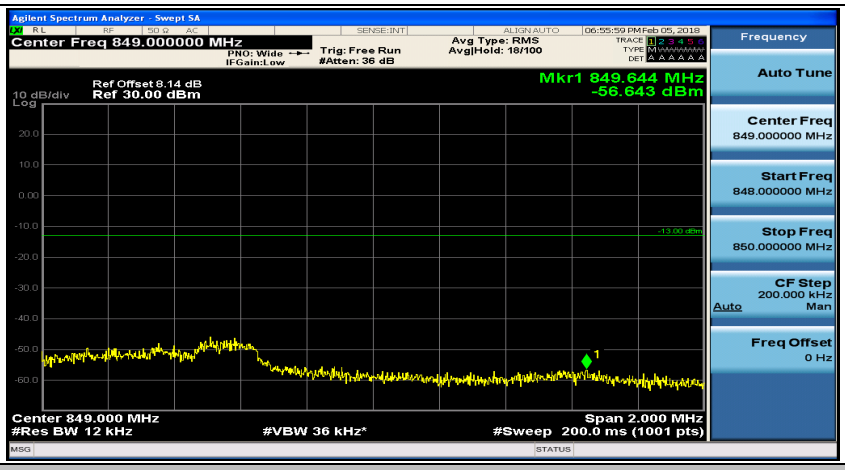
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

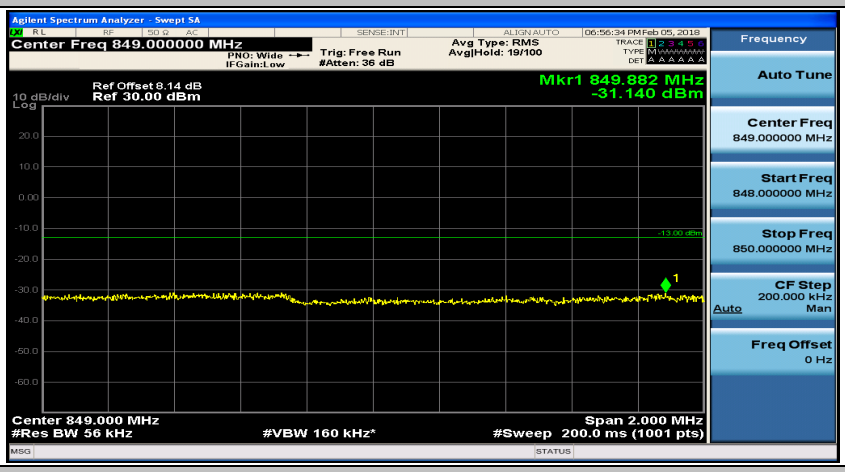


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12

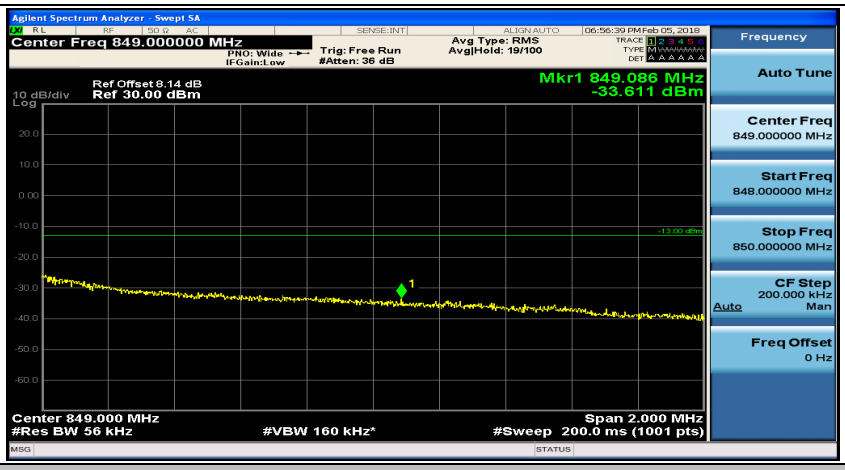


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24

(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6

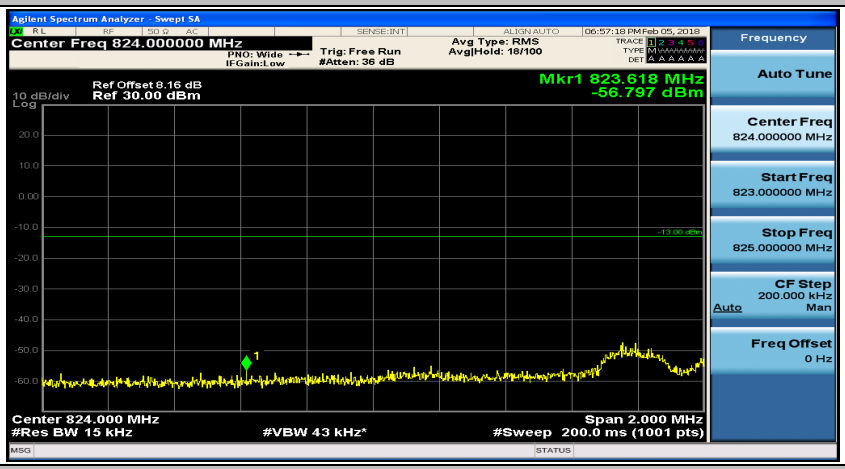
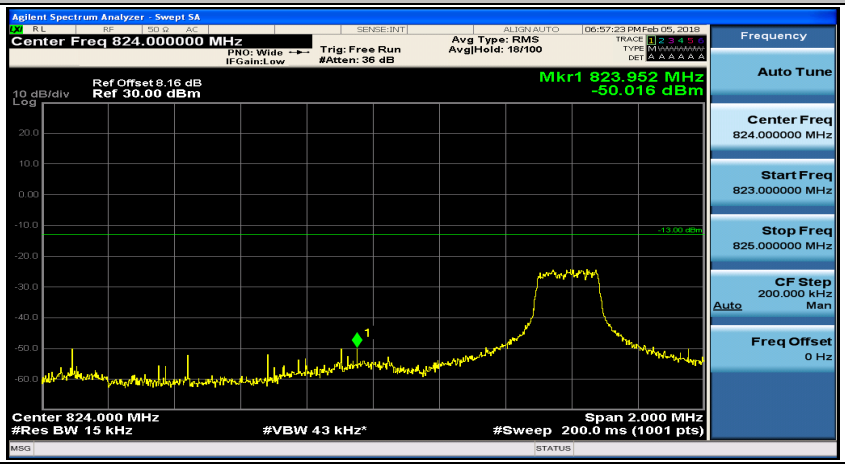


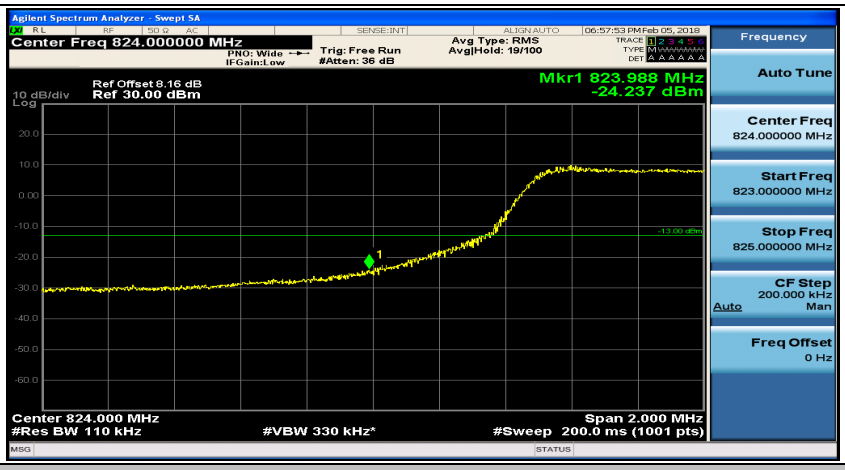
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13

(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

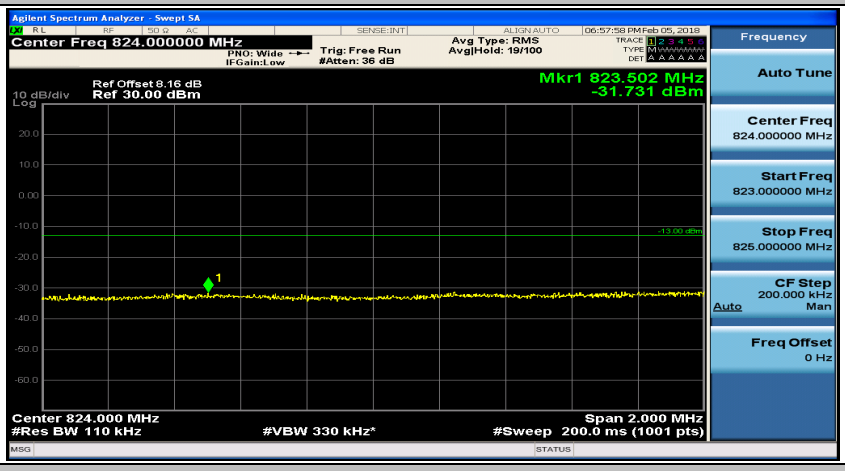
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0

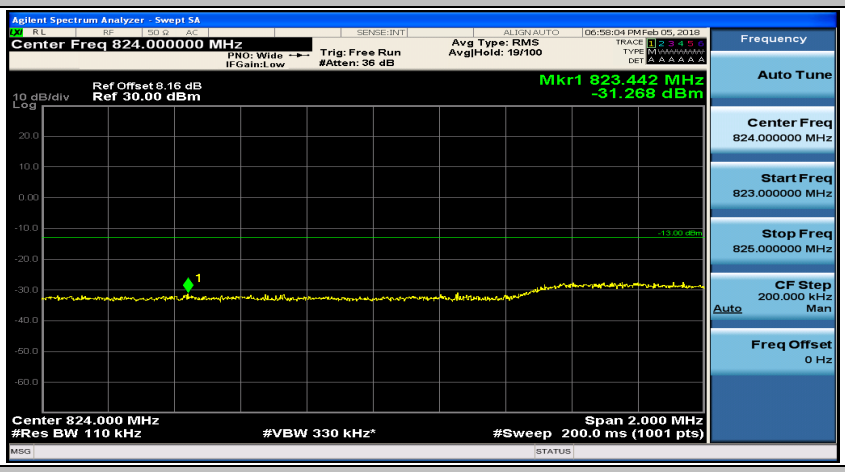
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#24

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