

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	22.28	PASS
		1	3	22.35	PASS
		1	5	22.41	PASS
		3	0	22.04	PASS
		3	2	22.07	PASS
		3	3	22.03	PASS
		6	0	21.06	PASS
	MCH	1	0	22.13	PASS
		1	3	22.25	PASS
		1	5	22.06	PASS
		3	0	22.19	PASS
		3	2	22.16	PASS
		3	3	22.15	PASS
		6	0	22.15	PASS
	HCH	1	0	22.93	PASS
		1	3	22.11	PASS
		1	5	22.35	PASS
		3	0	22.11	PASS
		3	2	22.19	PASS
		3	3	22.15	PASS
		6	0	22.02	PASS
16QAM	LCH	1	0	22.27	PASS
		1	3	22.12	PASS
		1	5	22.16	PASS
		3	0	22.24	PASS
		3	2	22.16	PASS
		3	3	22.42	PASS
		6	0	21.39	PASS
	MCH	1	0	21.43	PASS
		1	3	21.46	PASS
		1	5	21.65	PASS
		3	0	21.35	PASS

		3	2	21.36	PASS
		3	3	21.64	PASS
		6	0	21.12	PASS
	HCH	1	0	21.16	PASS
		1	3	21.45	PASS
		1	5	21.25	PASS
		3	0	21.23	PASS
		3	2	21.26	PASS
		3	3	21.22	PASS
		6	0	21.02	PASS

Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.28	PASS
		1	7	22.27	PASS
		1	14	22.85	PASS
		8	0	21.89	PASS
		8	4	21.91	PASS
		8	7	21.85	PASS
		15	0	21.87	PASS
	MCH	1	0	22.32	PASS
		1	7	22.36	PASS
		1	14	22.32	PASS
		8	0	21.62	PASS
		8	4	21.71	PASS
		8	7	21.64	PASS
		15	0	21.71	PASS
	HCH	1	0	22.51	PASS
		1	7	22.62	PASS
		1	14	22.52	PASS
		8	0	21.56	PASS
		8	4	21.59	PASS
		8	7	21.49	PASS
		15	0	21.51	PASS
16QAM	LCH	1	0	21.52	PASS
		1	7	21.43	PASS
		1	14	21.63	PASS
		8	0	20.95	PASS
		8	4	21.32	PASS
		8	7	20.82	PASS
		15	0	20.83	PASS

	MCH	1	0	21.96	PASS
		1	7	21.13	PASS
		1	14	21.05	PASS
		8	0	20.68	PASS
		8	4	20.73	PASS
		8	7	20.63	PASS
		15	0	20.7	PASS
	HCH	1	0	21.73	PASS
		1	7	21.85	PASS
		1	14	21.82	PASS
		8	0	20.62	PASS
		8	4	20.68	PASS
		8	7	20.56	PASS
		15	0	20.56	PASS

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.81	PASS
		1	12	22.13	PASS
		1	24	22.74	PASS
		12	0	21.97	PASS
		12	6	21.89	PASS
		12	13	21.79	PASS
		25	0	21.93	PASS
	MCH	1	0	22.61	PASS
		1	12	22.87	PASS
		1	24	22.53	PASS
		12	0	21.52	PASS
		12	6	21.68	PASS
		12	13	21.53	PASS
		25	0	21.56	PASS
	HCH	1	0	22.51	PASS
		1	12	22.92	PASS
		1	24	22.48	PASS
		12	0	21.4	PASS
		12	6	21.57	PASS
		12	13	21.32	PASS
		25	0	21.37	PASS
16QAM	LCH	1	0	22.23	PASS
		1	12	22.44	PASS
		1	24	22.09	PASS

		12	0	21.25	PASS
		12	6	21.02	PASS
		12	13	20.91	PASS
		25	0	20.92	PASS
	MCH	1	0	21.78	PASS
		1	12	22.21	PASS
		1	24	22.08	PASS
		12	0	20.69	PASS
		12	6	20.75	PASS
		12	13	20.62	PASS
		25	0	20.52	PASS
	HCH	1	0	21.83	PASS
		1	12	21.68	PASS
		1	24	21.76	PASS
		12	0	20.5	PASS
		12	6	21.06	PASS
		12	13	21.38	PASS
		25	0	21.42	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.42	PASS
		1	24	22.98	PASS
		1	49	22.66	PASS
		25	0	22.15	PASS
		25	12	21.86	PASS
		25	25	21.05	PASS
		50	0	21.13	PASS
	MCH	1	0	22.66	PASS
		1	24	22.75	PASS
		1	49	22.61	PASS
		25	0	22.26	PASS
		25	12	22.33	PASS
		25	25	22.12	PASS
		50	0	22.15	PASS
	HCH	1	0	22.61	PASS
		1	24	22.65	PASS
		1	49	22.48	PASS
		25	0	22.14	PASS
		25	12	22.12	PASS
		25	25	22.11	PASS

		50	0	22.12	PASS
16QAM	LCH	1	0	22.02	PASS
		1	24	22.32	PASS
		1	49	22.02	PASS
		25	0	21.02	PASS
		25	12	21.32	PASS
		25	25	21.05	PASS
		50	0	21.32	PASS
	MCH	1	0	21.93	PASS
		1	24	21.14	PASS
		1	49	21.05	PASS
		25	0	21.15	PASS
		25	12	21.02	PASS
		25	25	21.35	PASS
		50	0	21.35	PASS
	HCH	1	0	21.32	PASS
		1	24	21.28	PASS
		1	49	21.63	PASS
		25	0	21.35	PASS
		25	12	21.15	PASS
		25	25	21.35	PASS
		50	0	21.08	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	1.0751	1.245	PASS
	MCH	6	0	1.0756	1.202	PASS
	HCH	6	0	1.0770	1.230	PASS
16QAM	LCH	6	0	1.0801	1.264	PASS
	MCH	6	0	1.0753	1.233	PASS
	HCH	6	0	1.0796	1.234	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	2.6769	2.821	PASS
	MCH	15	0	2.6772	2.826	PASS
	HCH	15	0	2.6758	2.809	PASS
16QAM	LCH	15	0	2.6797	2.831	PASS
	MCH	15	0	2.6787	2.842	PASS
	HCH	15	0	2.6731	2.841	PASS

Channel Bandwidth: 5 MHz

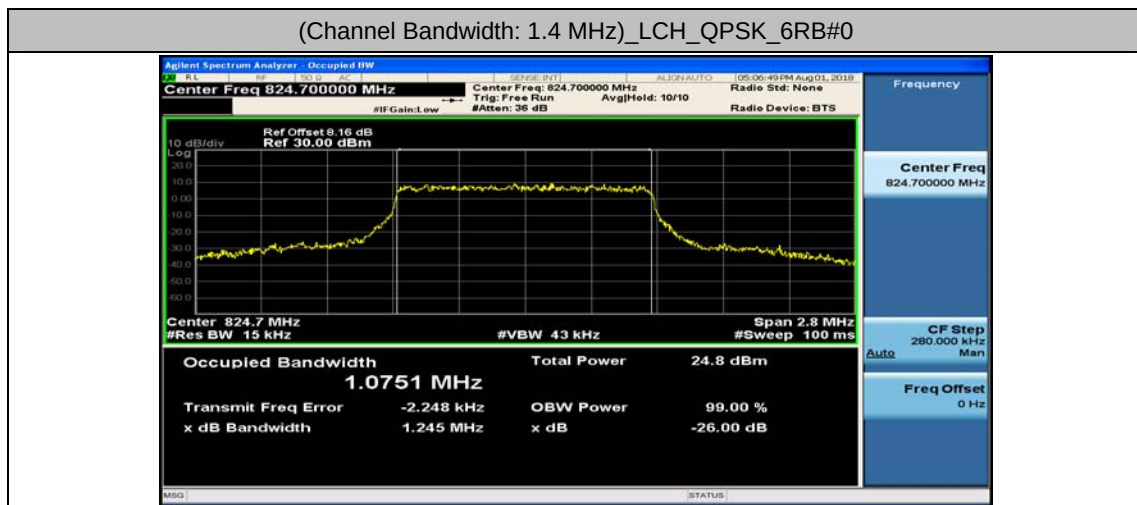
Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	25	0	4.4803	4.908	PASS
	MCH	25	0	4.4660	4.840	PASS
	HCH	25	0	4.4558	4.800	PASS
16QAM	LCH	25	0	4.4791	4.868	PASS
	MCH	25	0	4.4731	4.831	PASS
	HCH	25	0	4.4700	4.821	PASS

Channel Bandwidth: 10 MHz

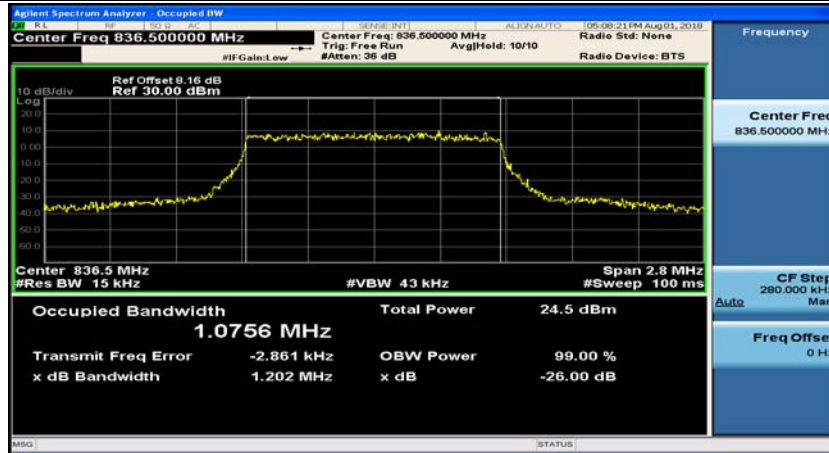
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.9613	9.574	PASS
	MCH	50	0	8.9018	9.374	PASS
	HCH	50	0	8.9290	9.536	PASS
16QAM	LCH	50	0	8.9652	9.616	PASS
	MCH	50	0	8.9115	9.366	PASS
	HCH	50	0	8.9263	9.399	PASS

Test Graphs

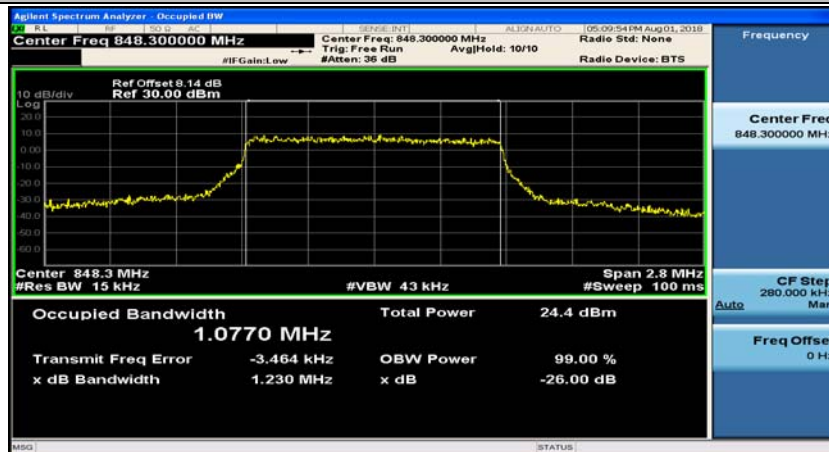
Channel Bandwidth: 1.4 MHz



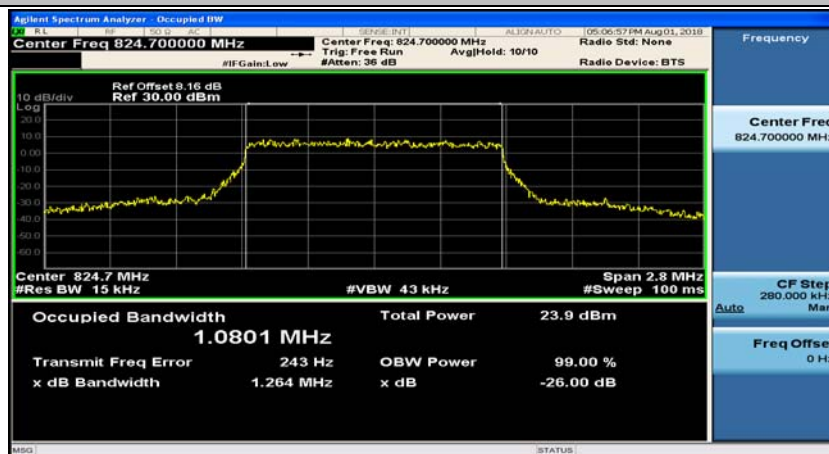
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



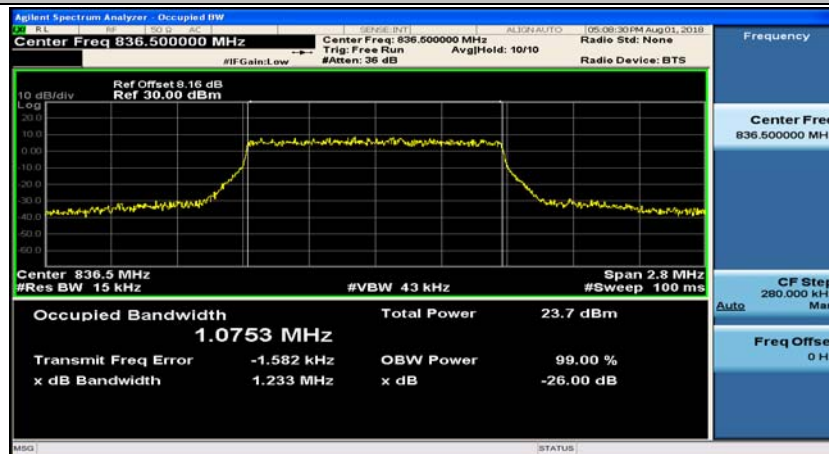
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



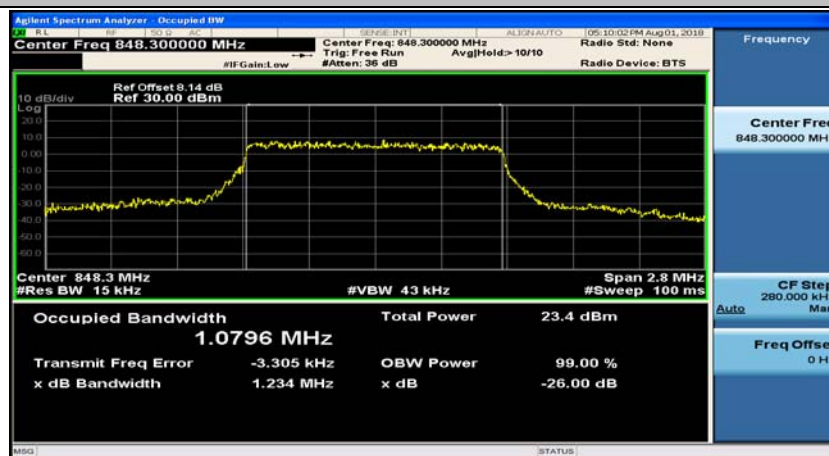
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0

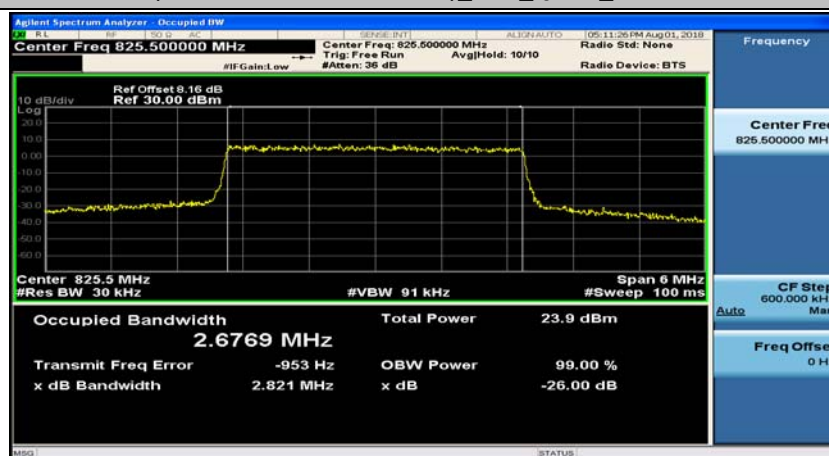


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

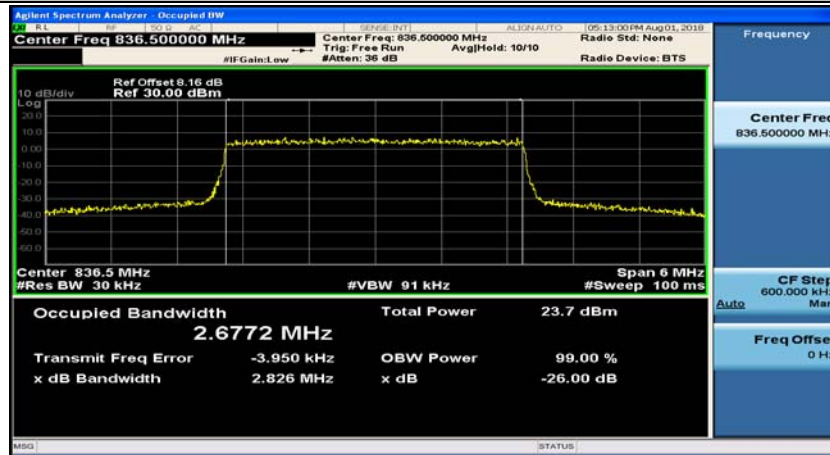


Channel Bandwidth: 3 MHz

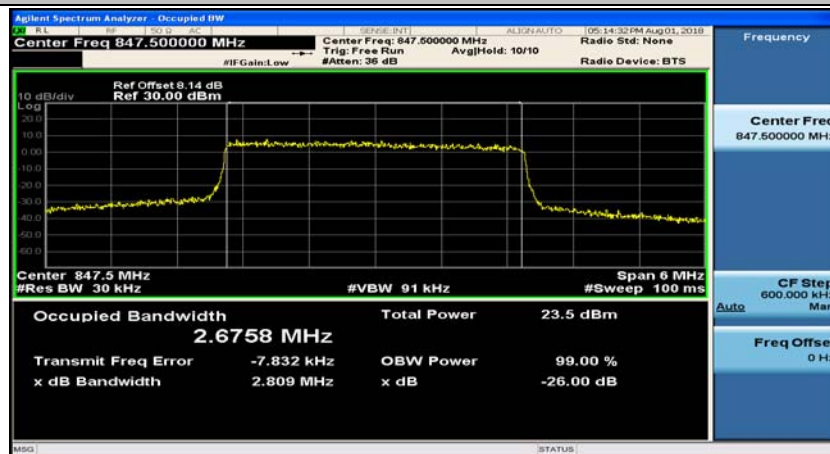
(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



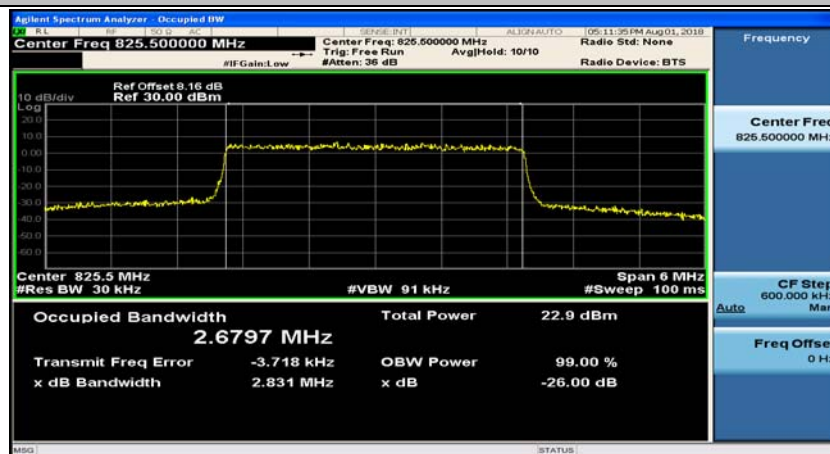
(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0



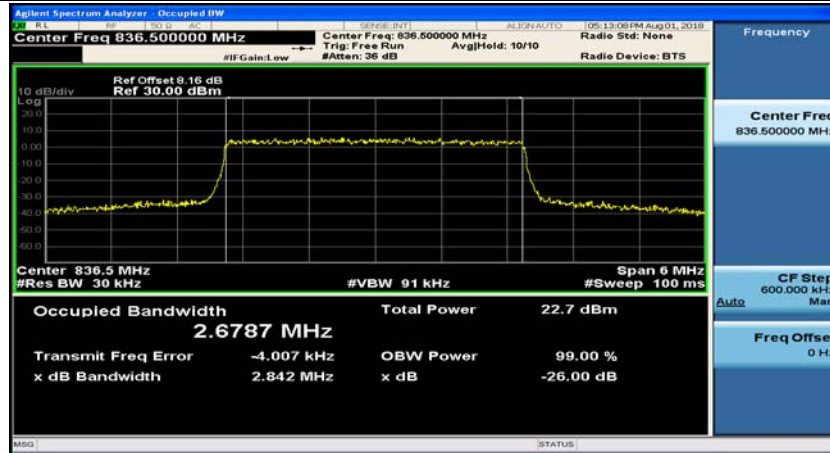
(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0



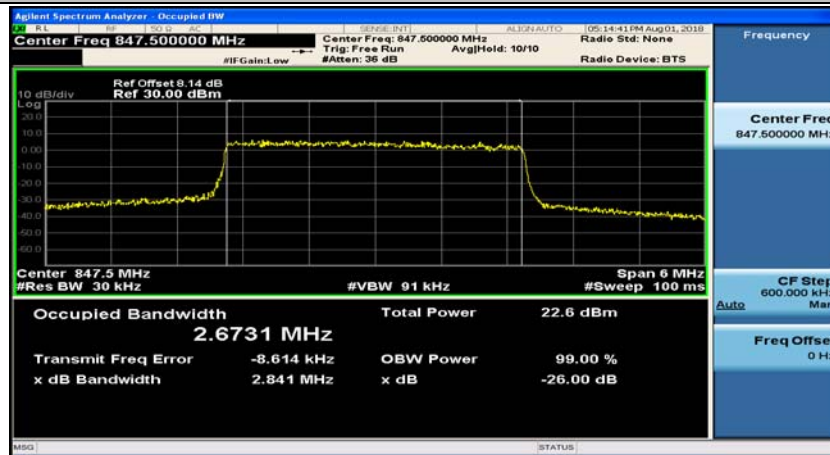
(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0



(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0

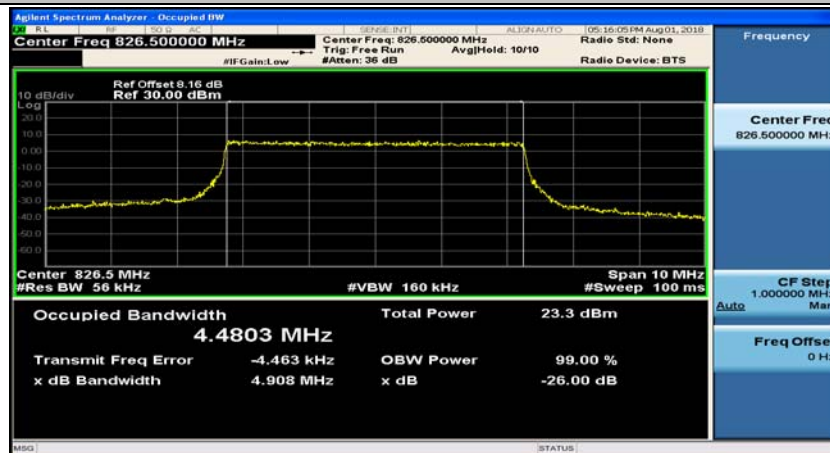


(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0

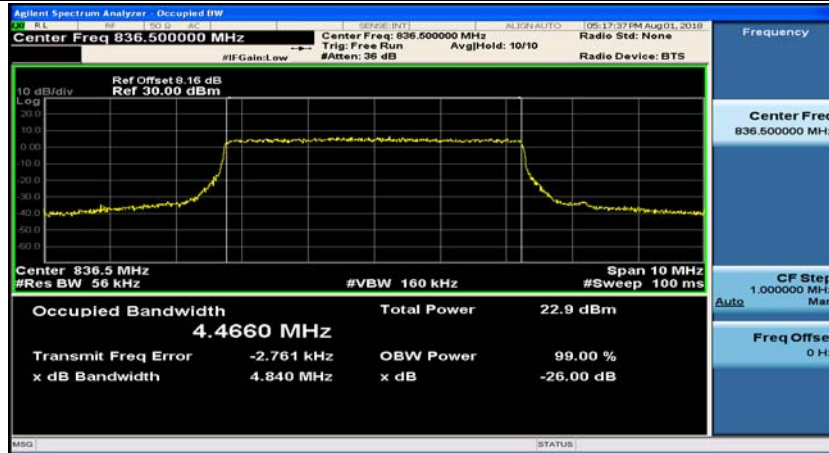


Channel Bandwidth: 5 MHz

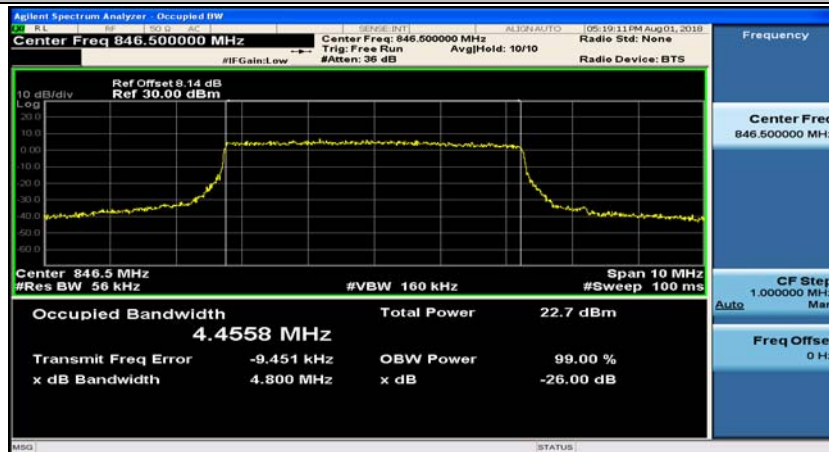
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



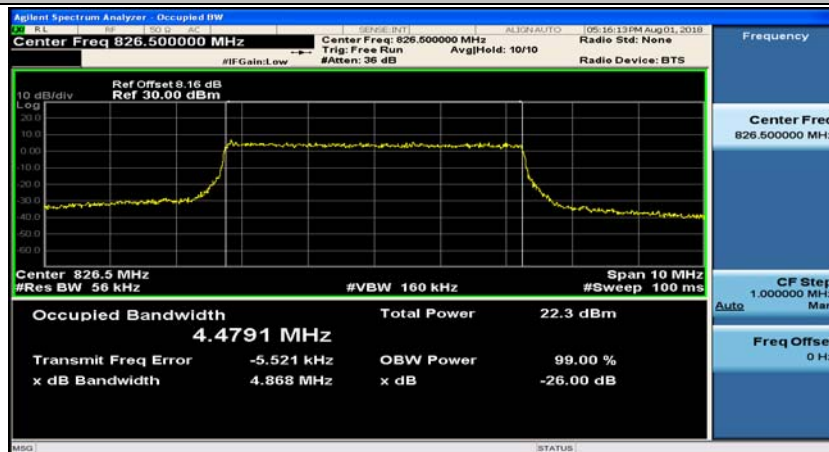
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



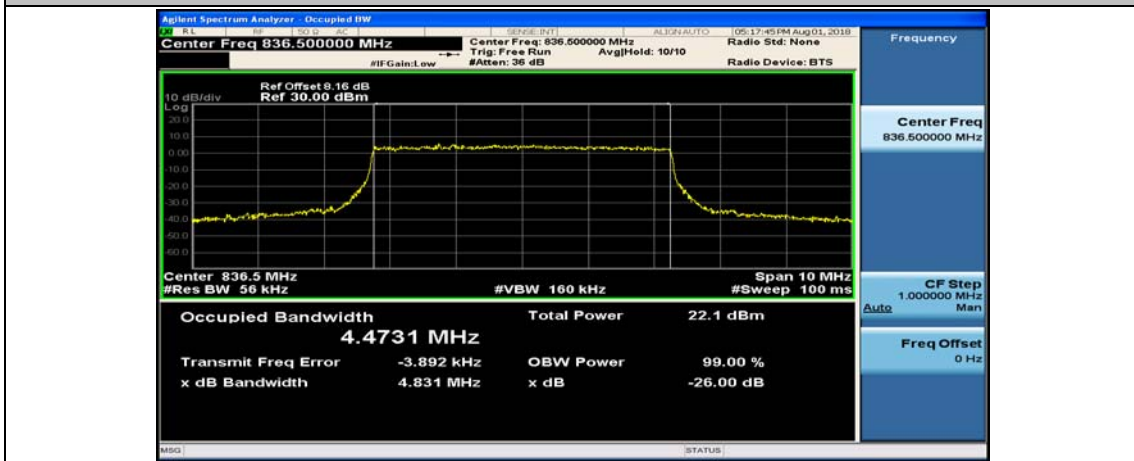
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



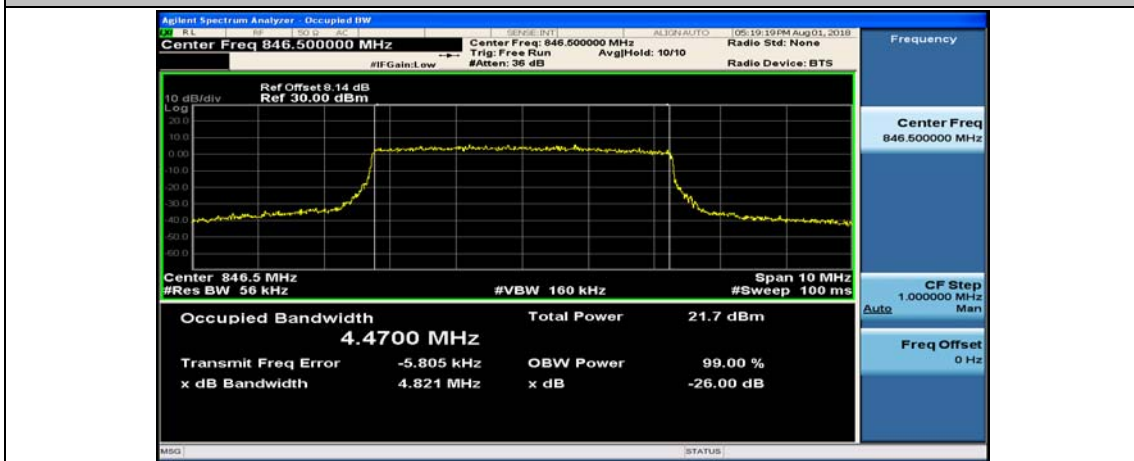
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

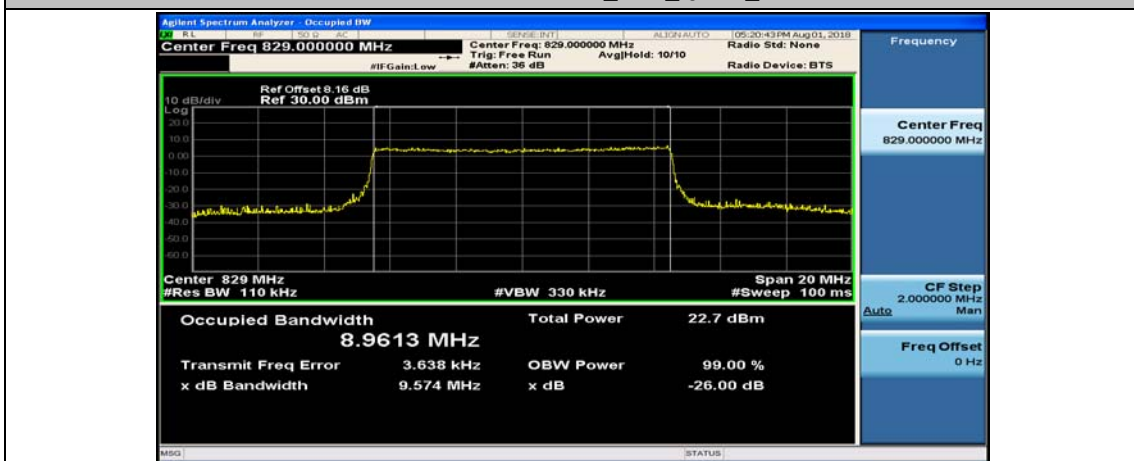


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

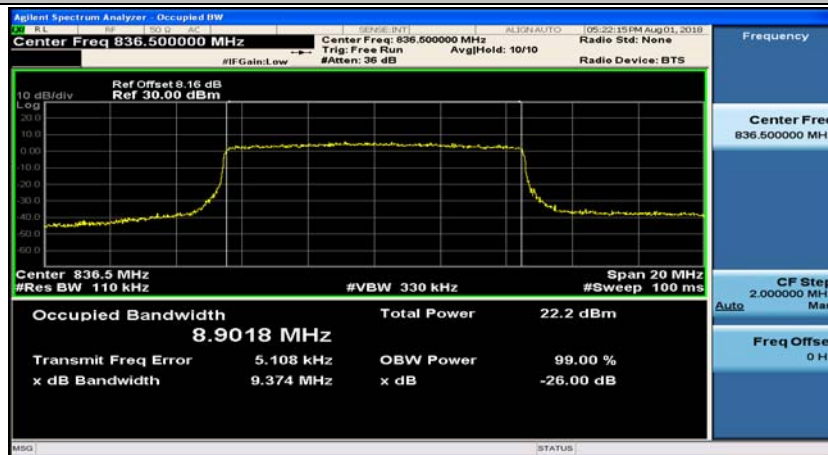


Channel Bandwidth: 10 MHz

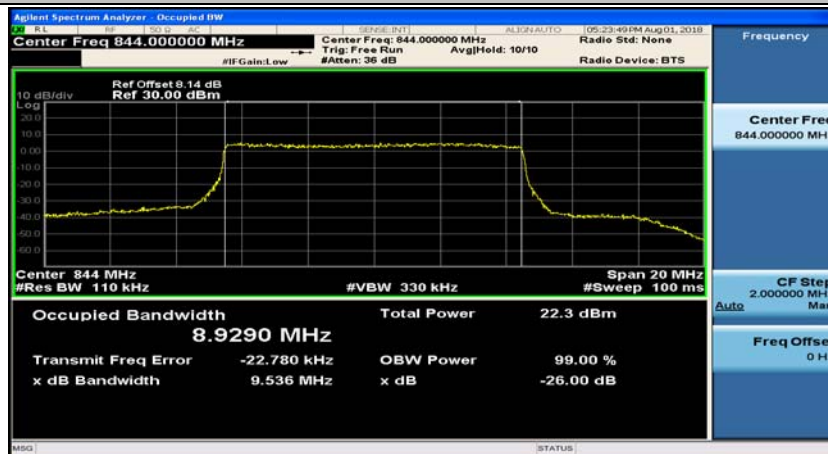
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



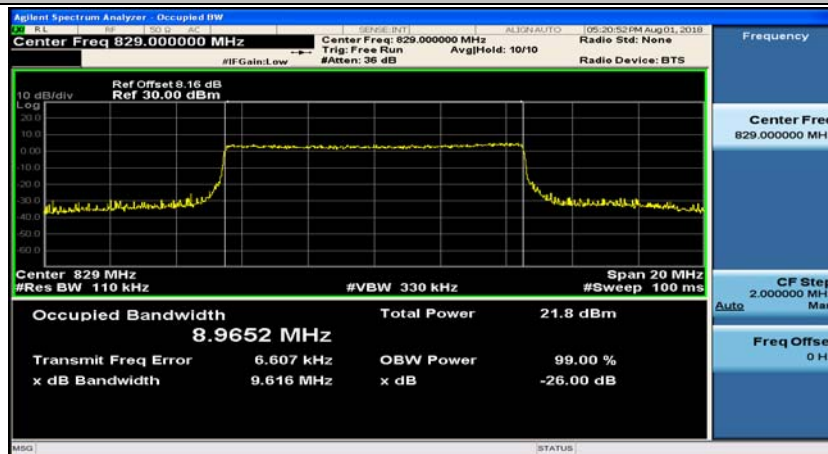
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



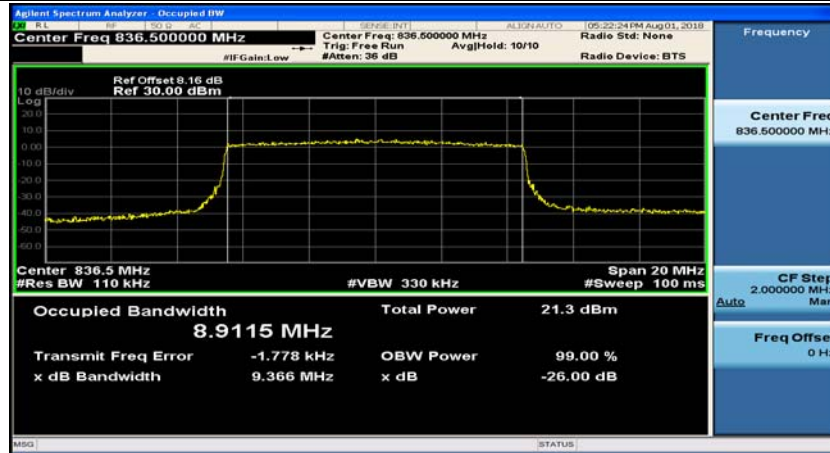
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



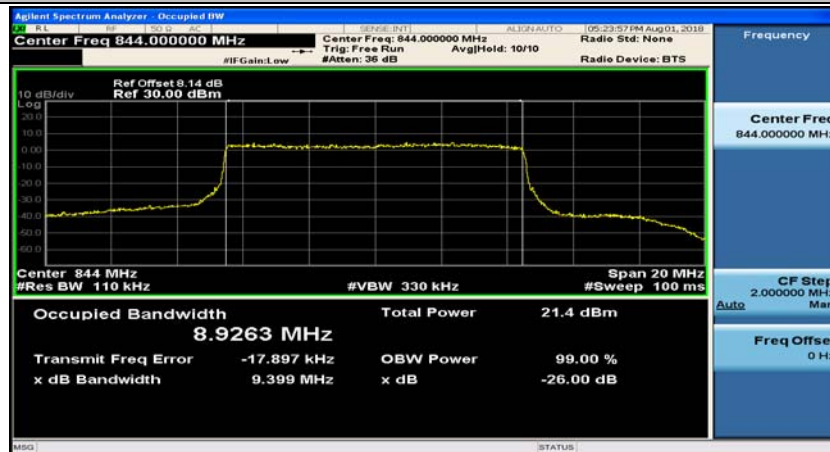
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0

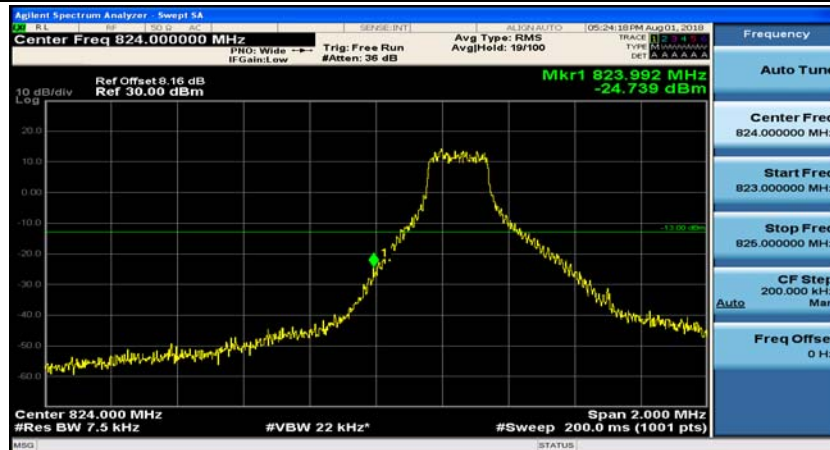


Appendix C: Band Edge

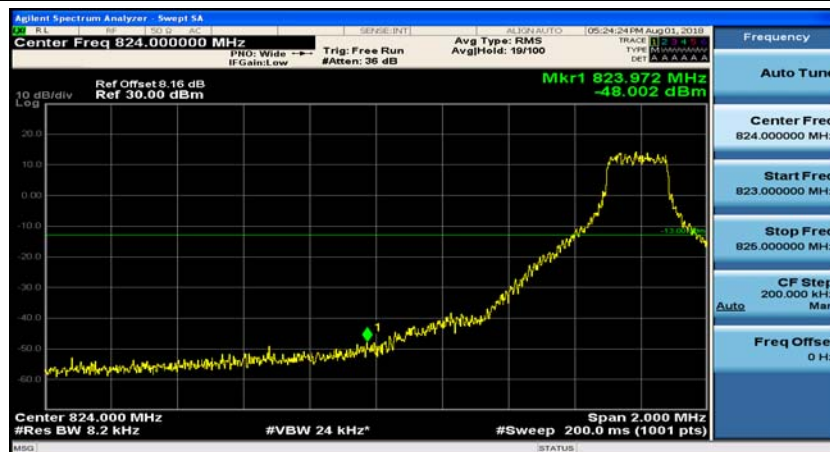
Test Graphs

Channel Bandwidth: 1.4 MHz

(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0



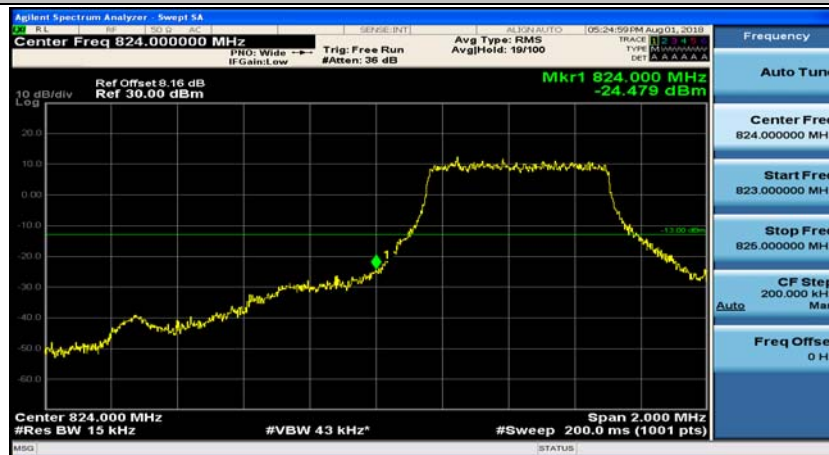
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#3



(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5



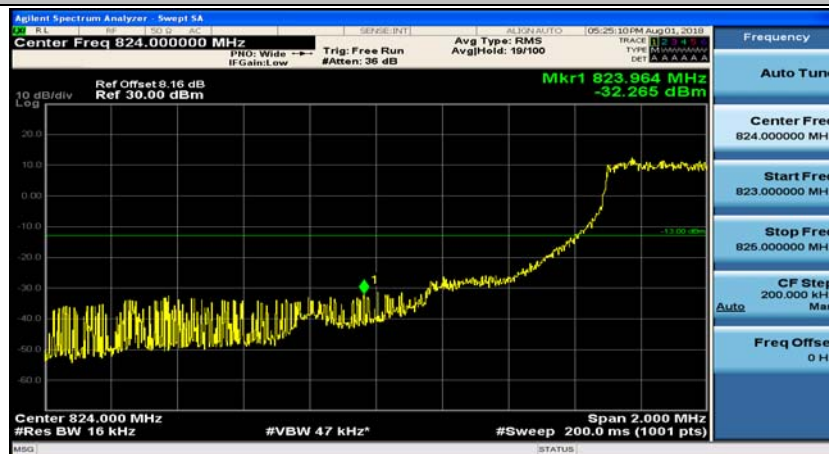
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#0



(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2



(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#3



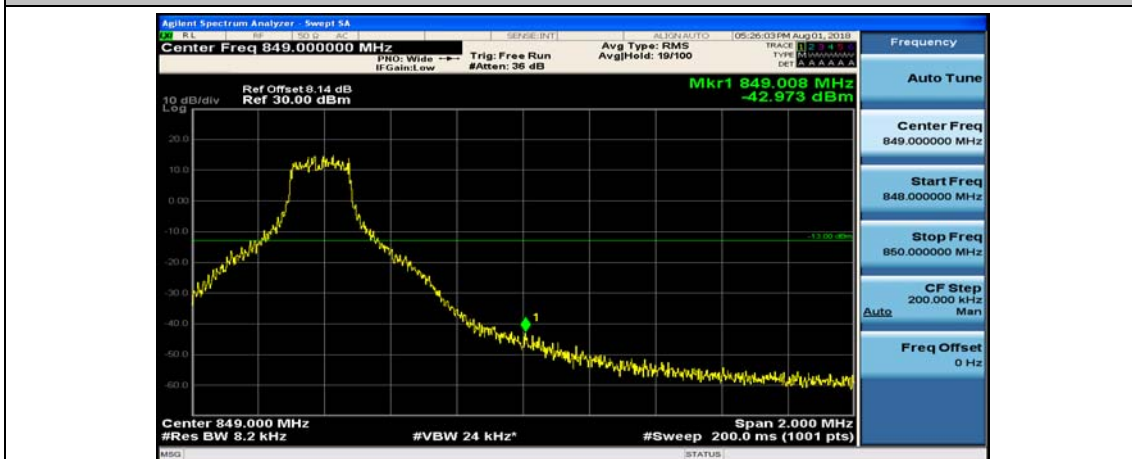
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



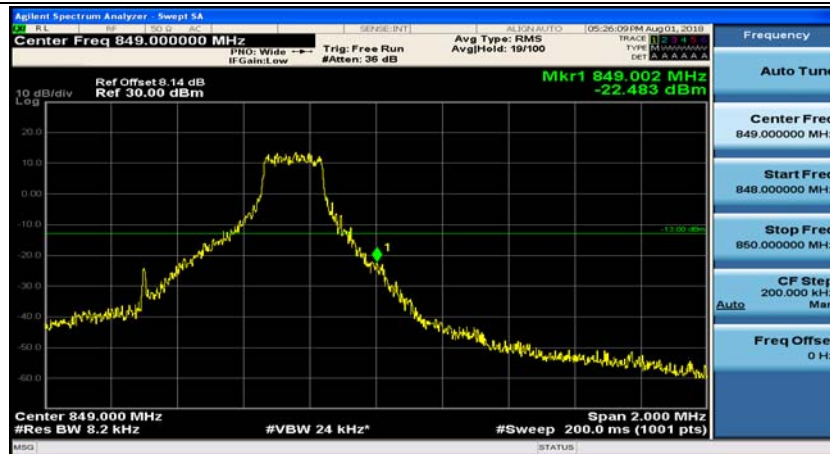
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



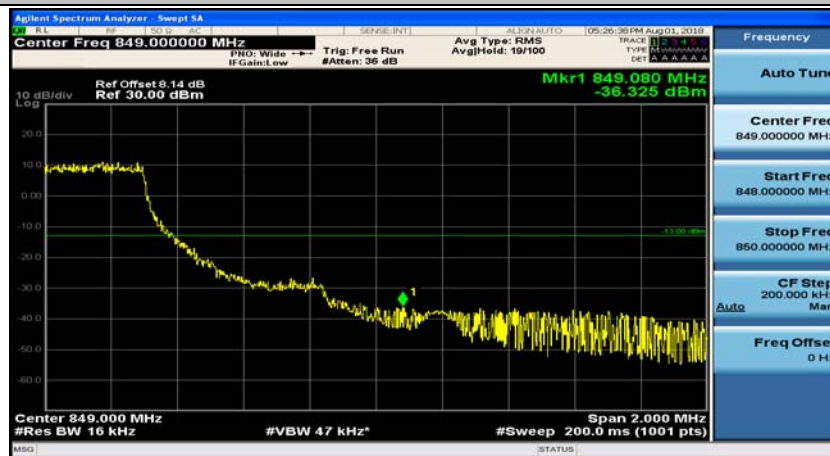
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3



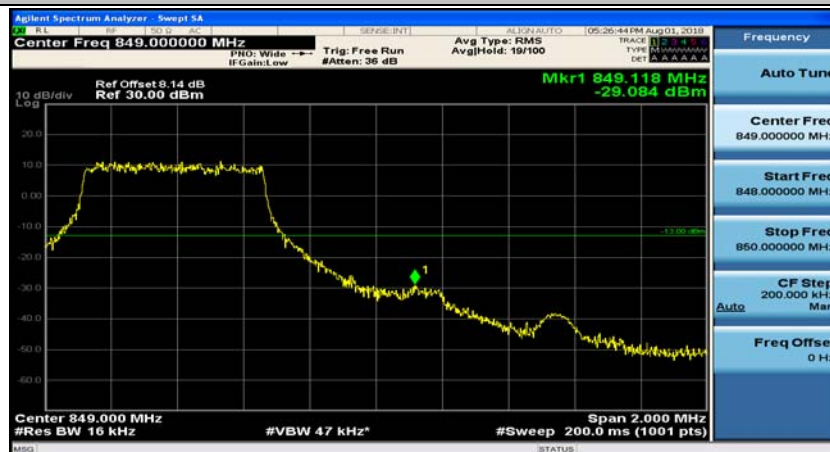
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0



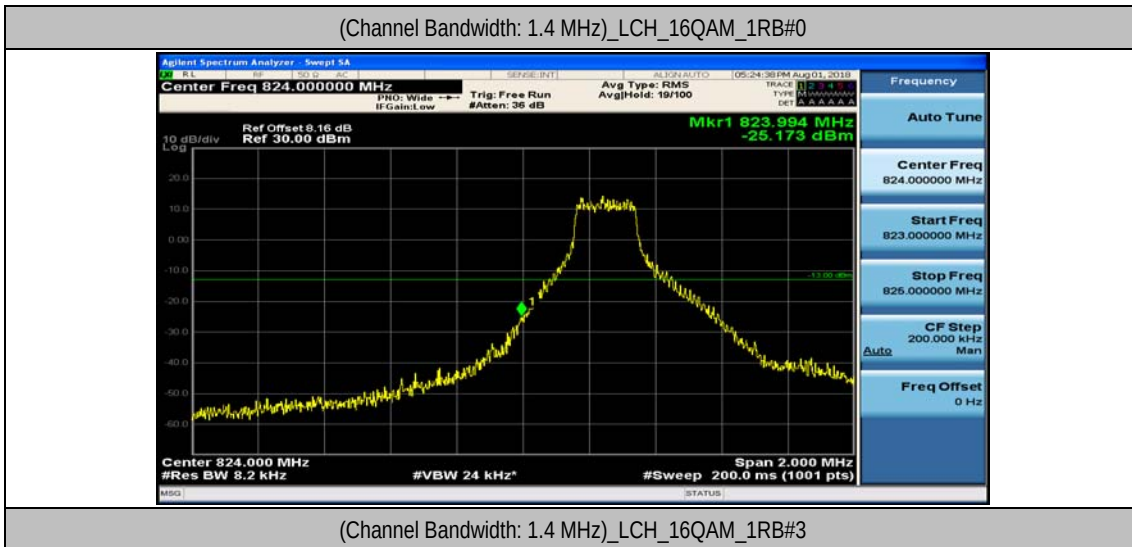
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2



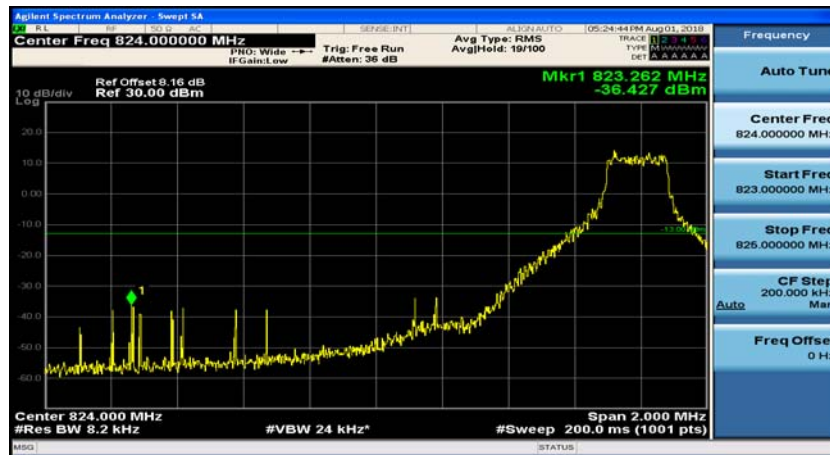
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#3



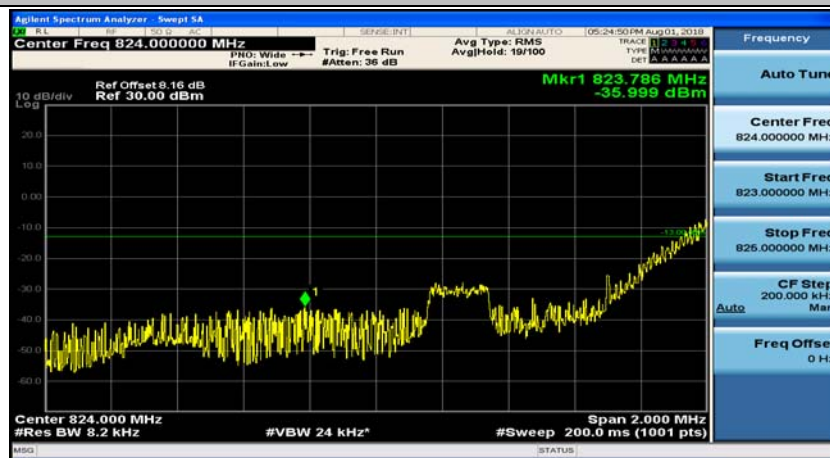
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



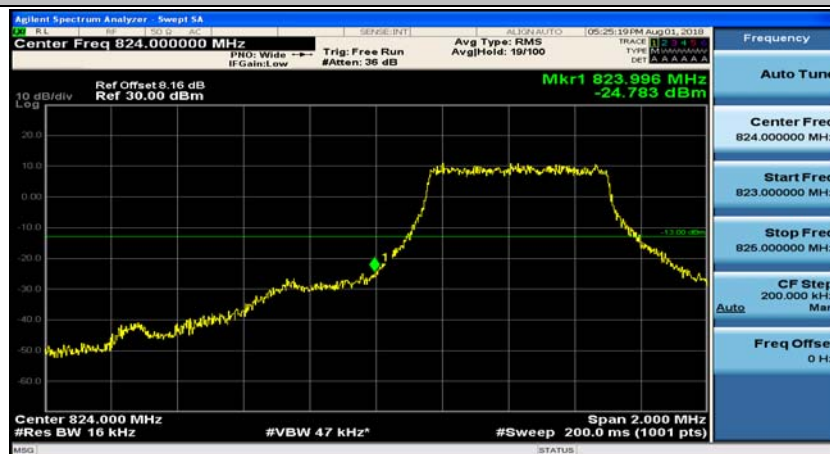
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



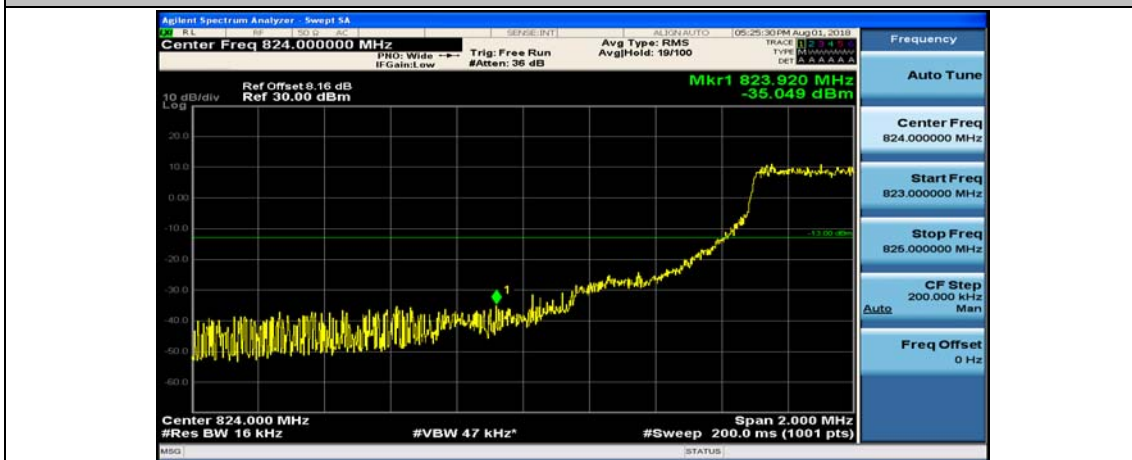
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0



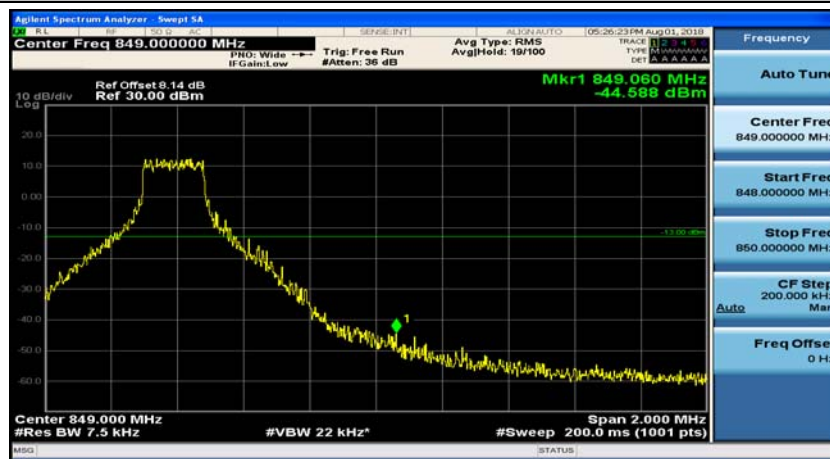
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#2



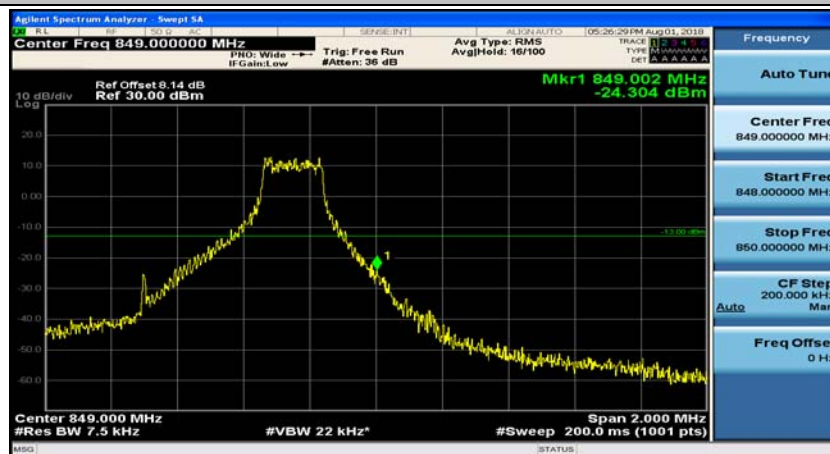
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



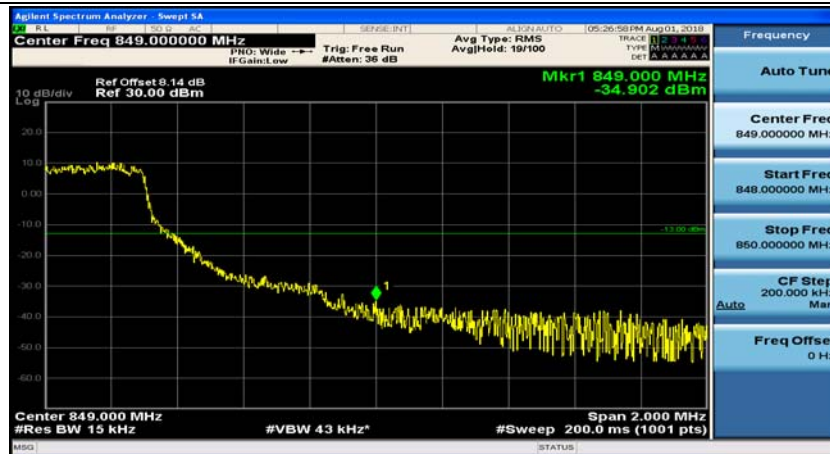
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



(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

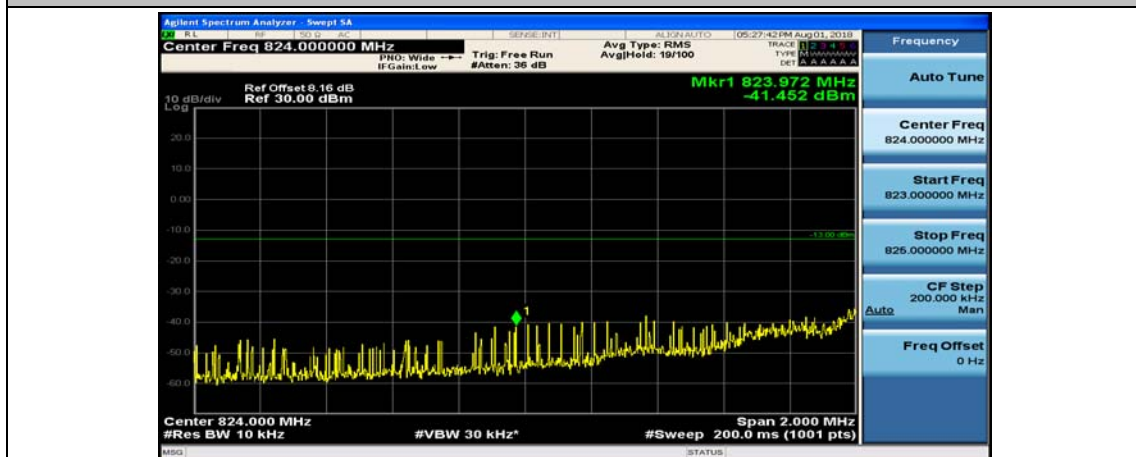


Channel Bandwidth: 3 MHz

(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



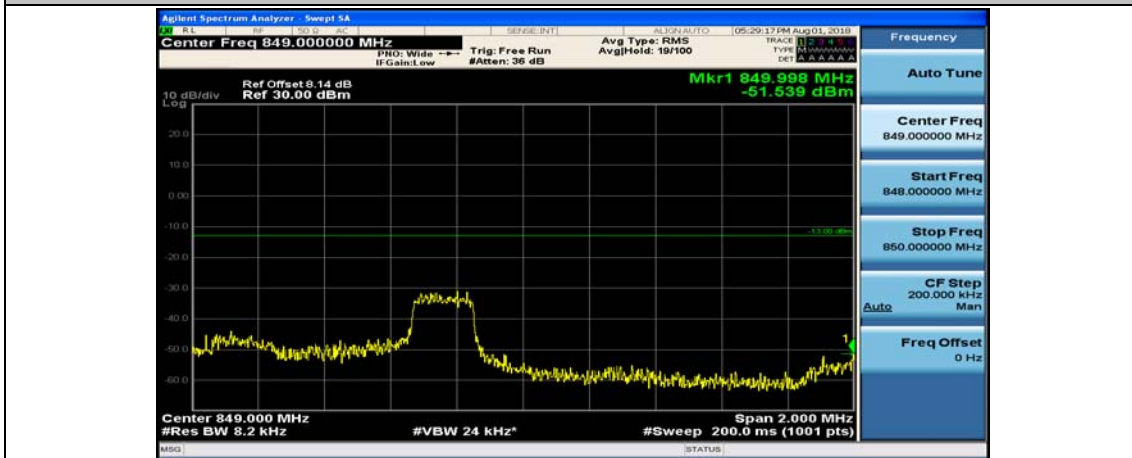
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#7



(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



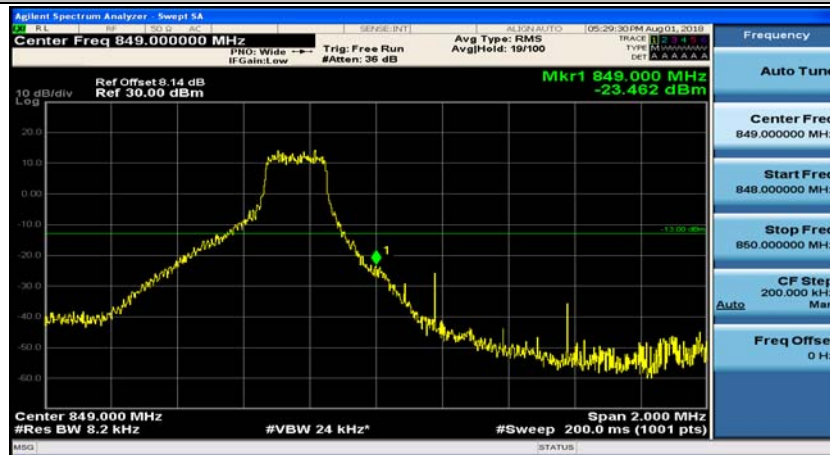
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7



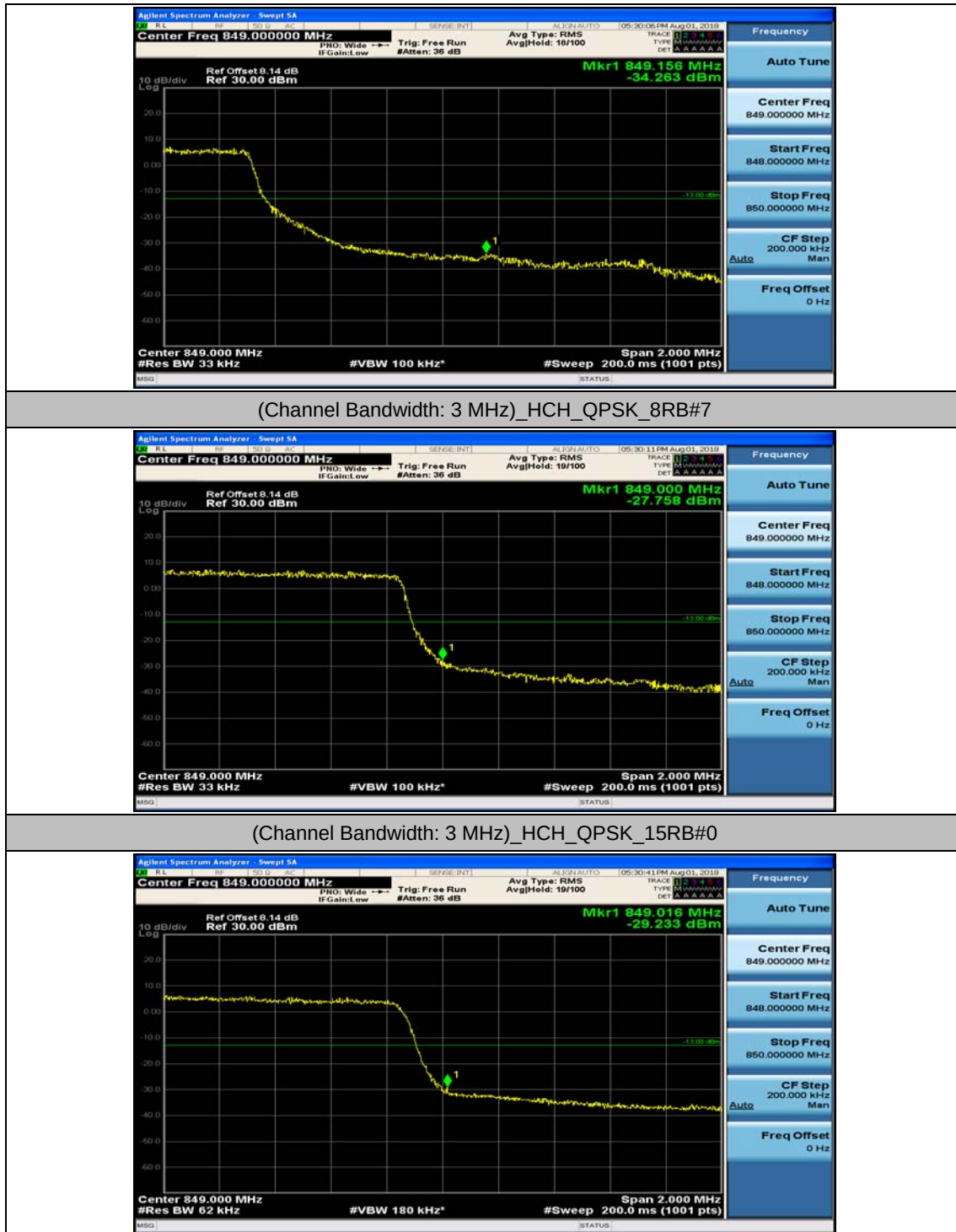
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14



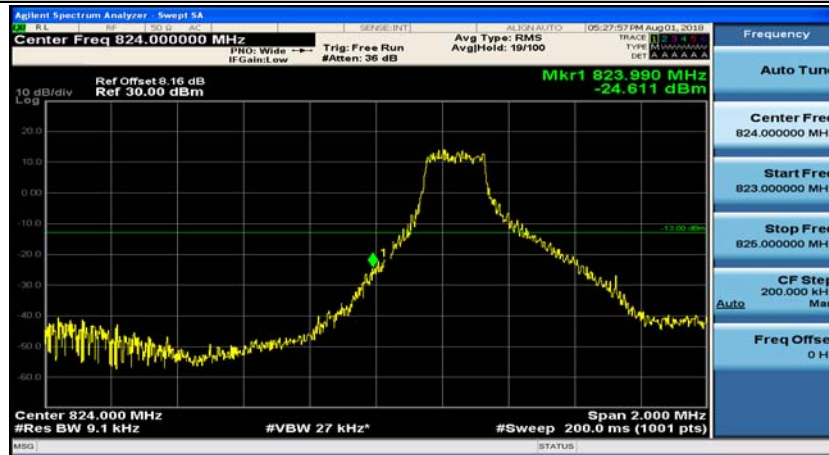
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#0



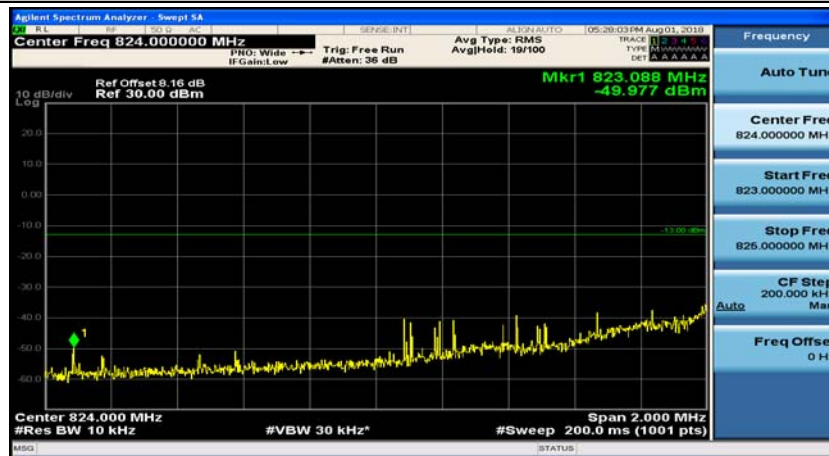
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#4



(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7



(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14



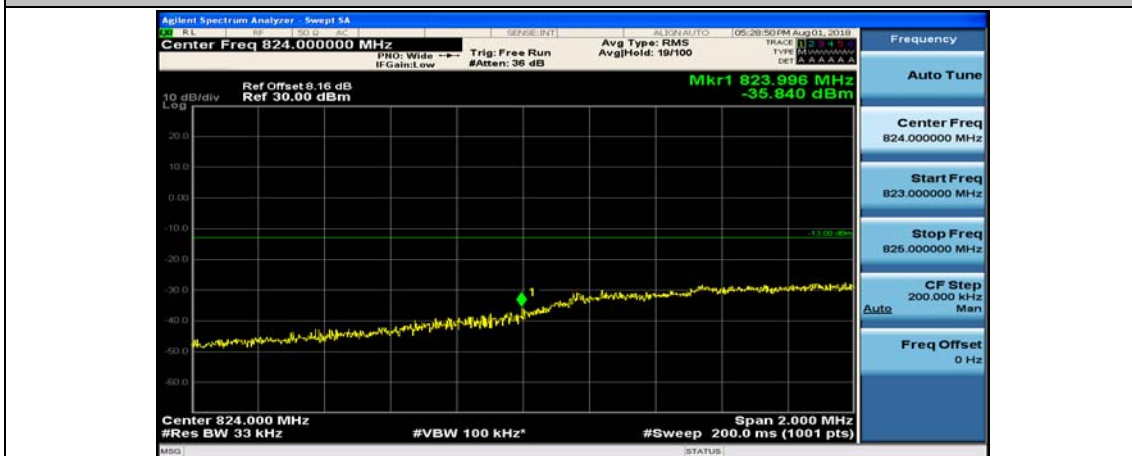
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#0



(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#4



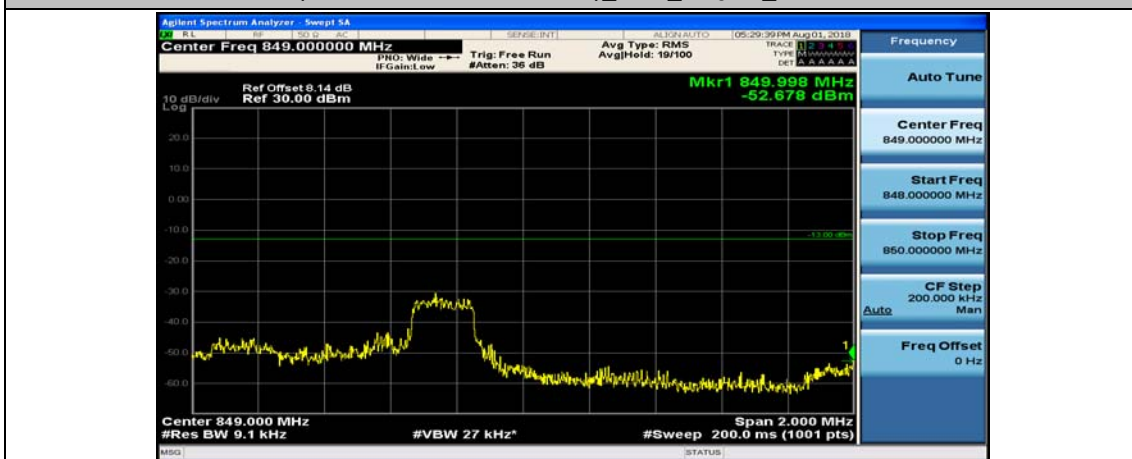
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#7



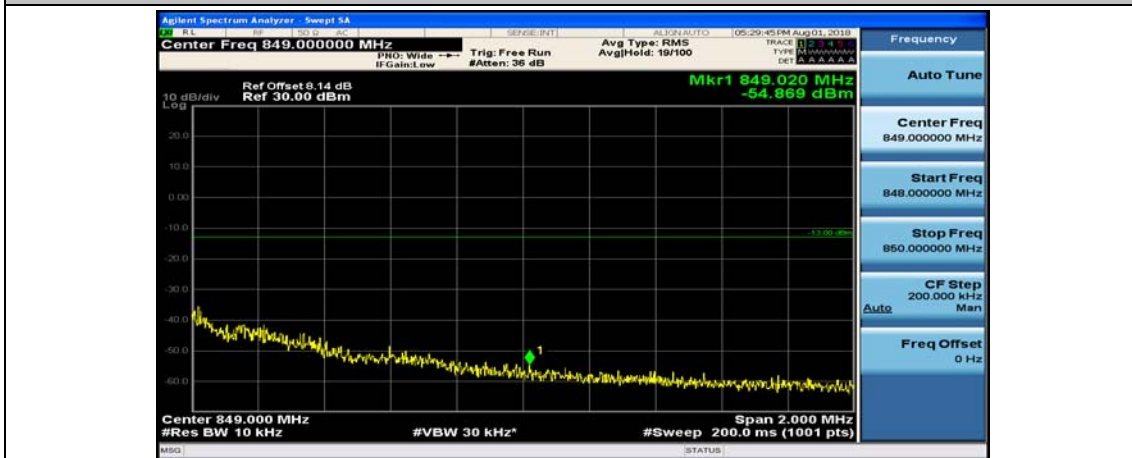
(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0



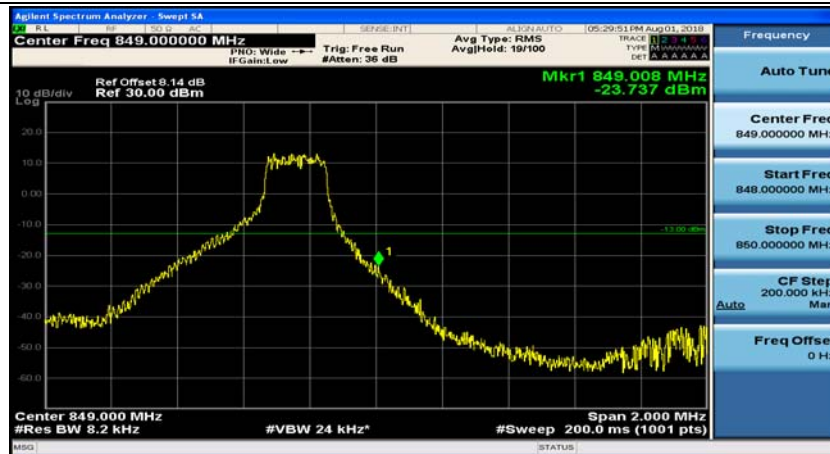
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0



(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



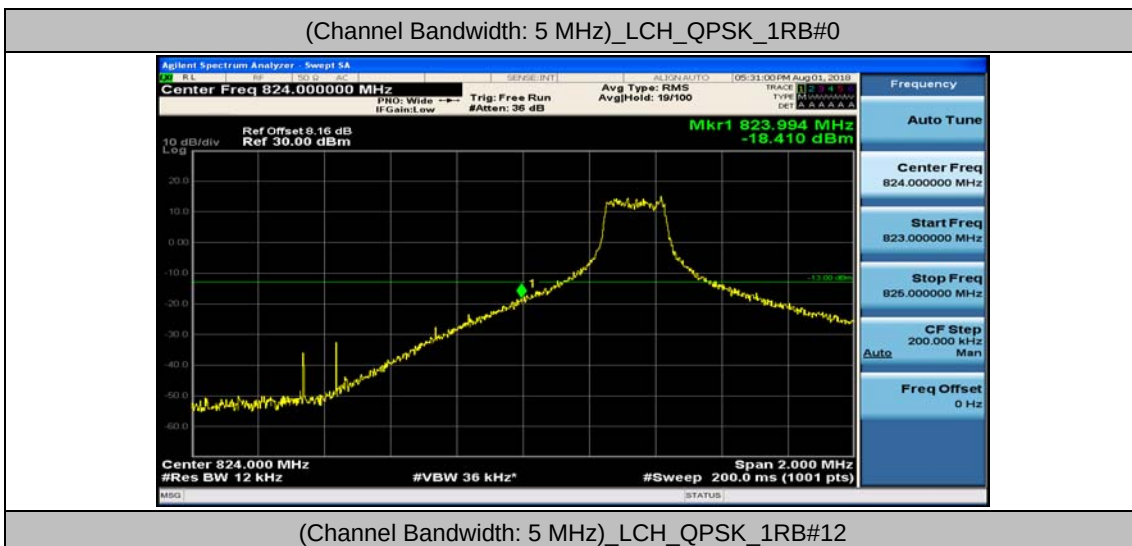
(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#7



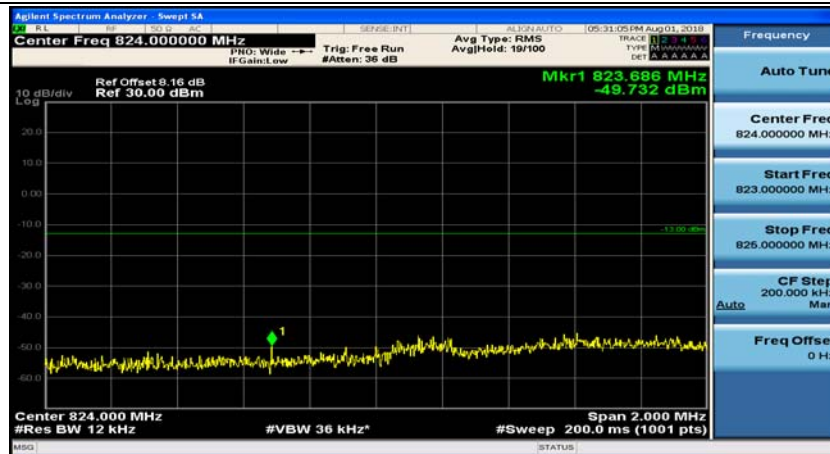
(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0



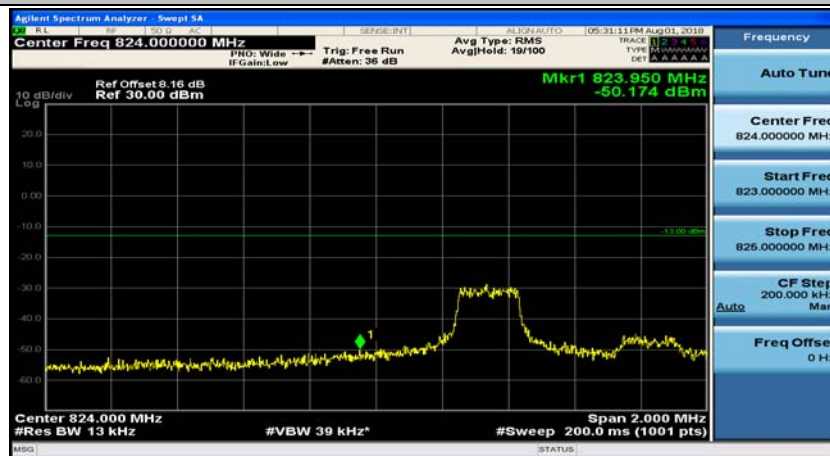
Channel Bandwidth: 5 MHz



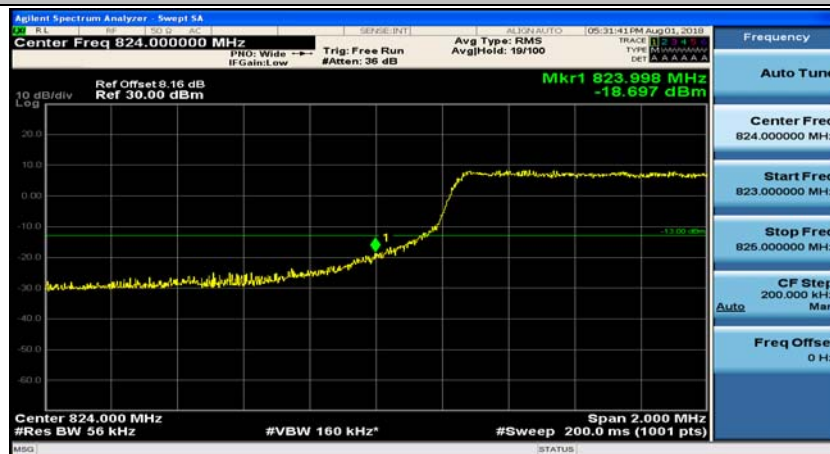
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



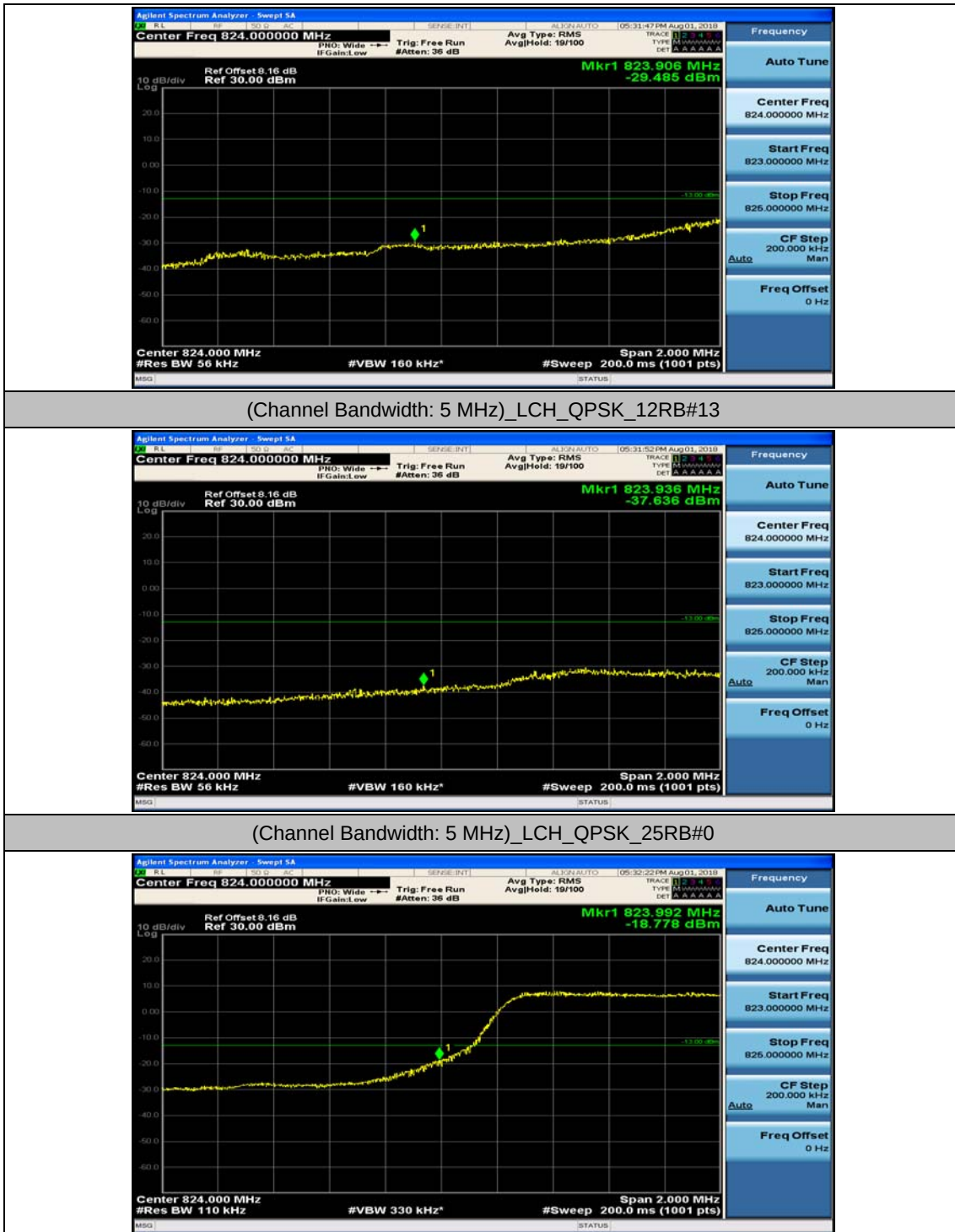
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



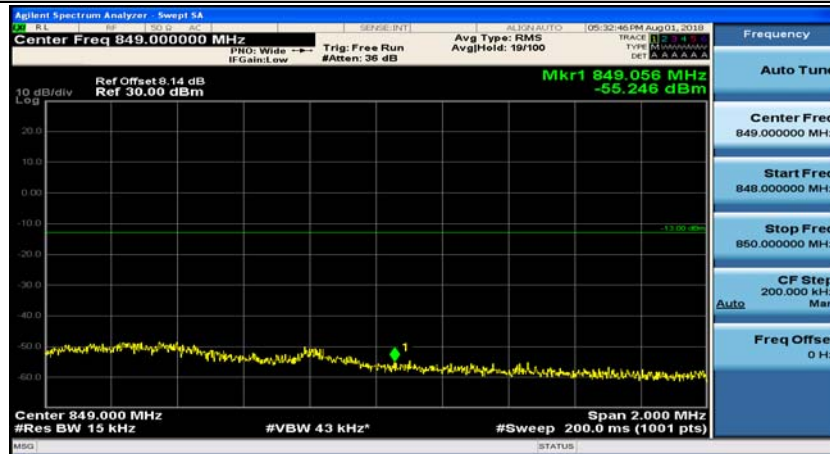
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



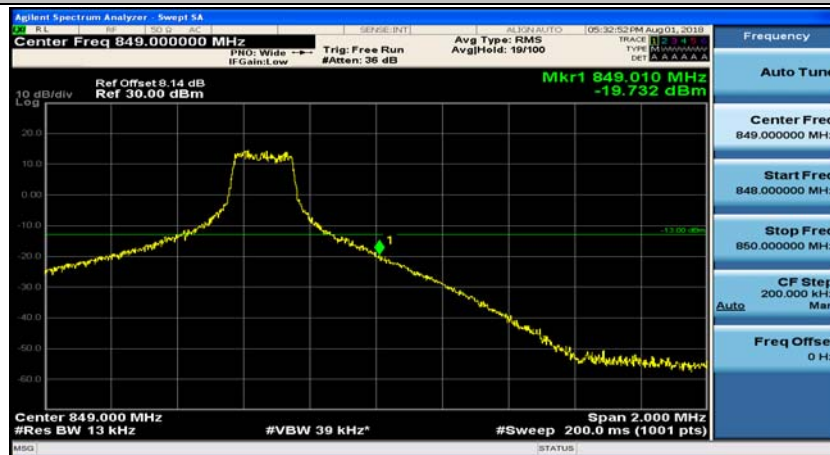
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



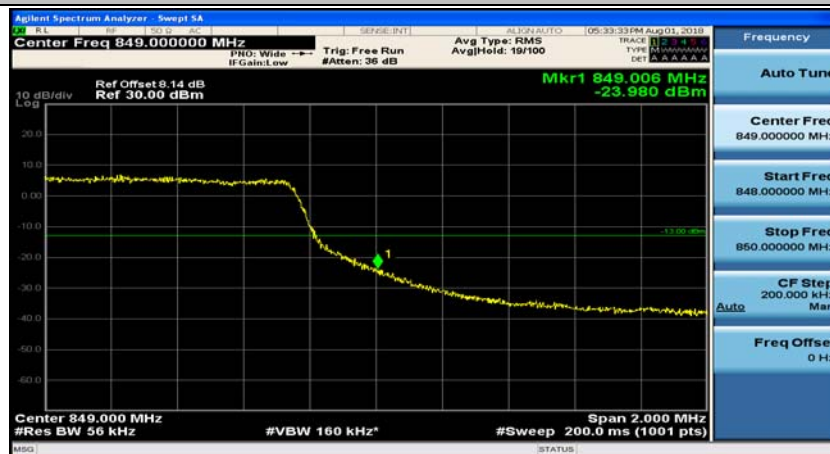
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



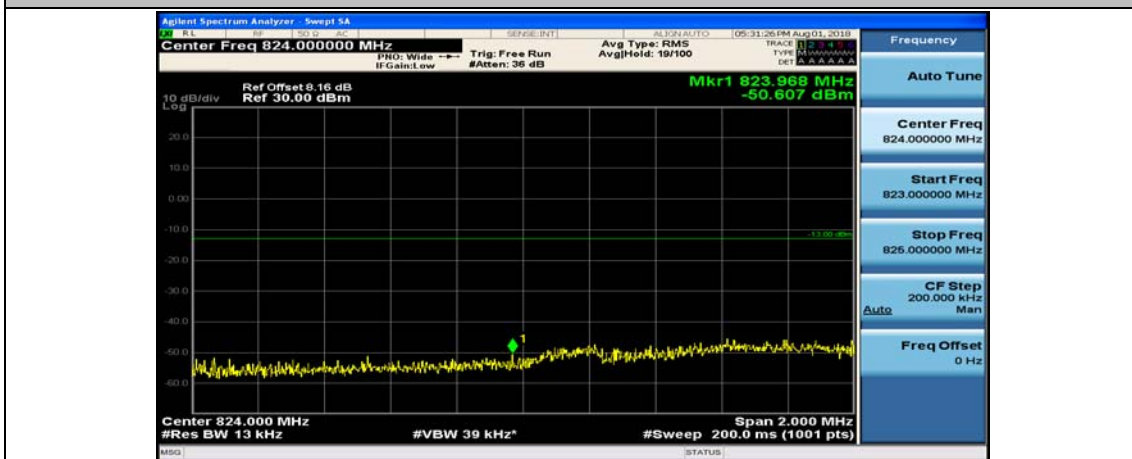
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



(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



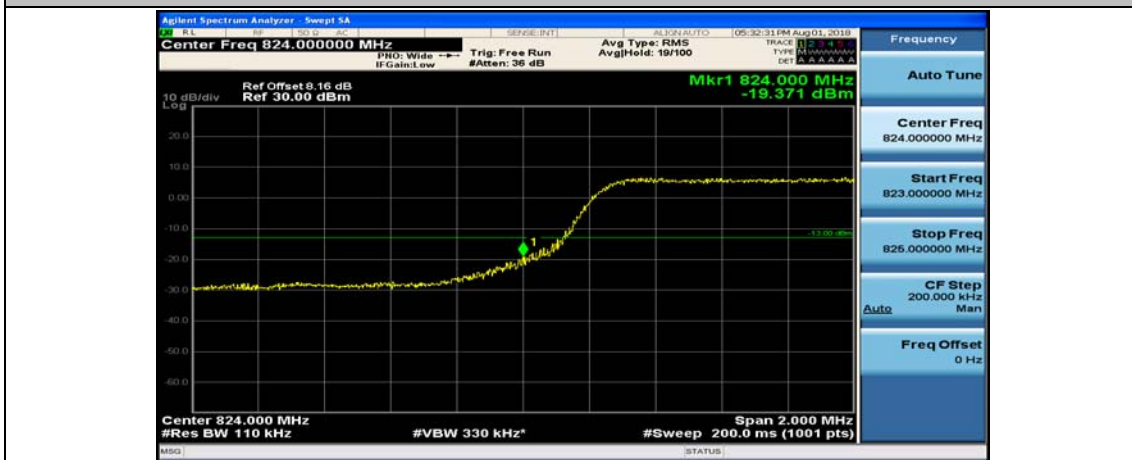
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



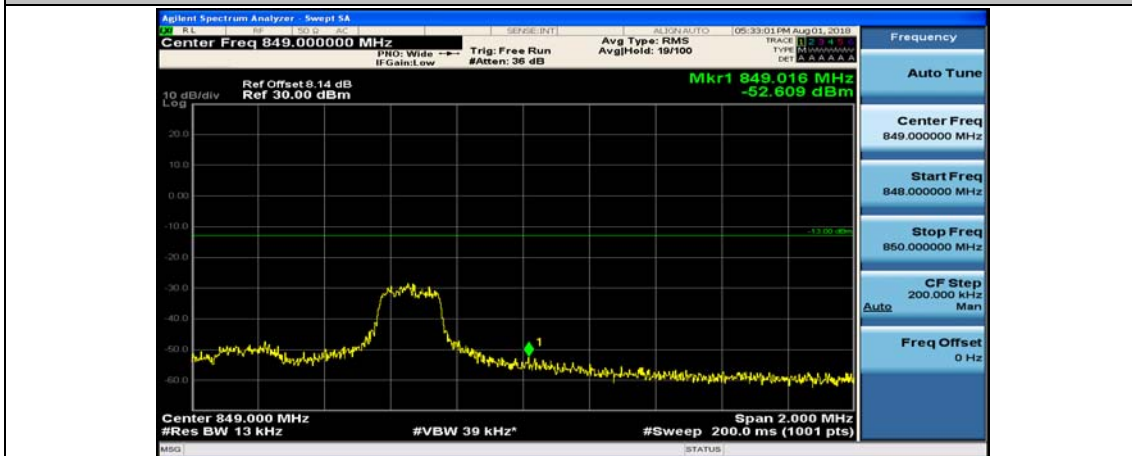
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



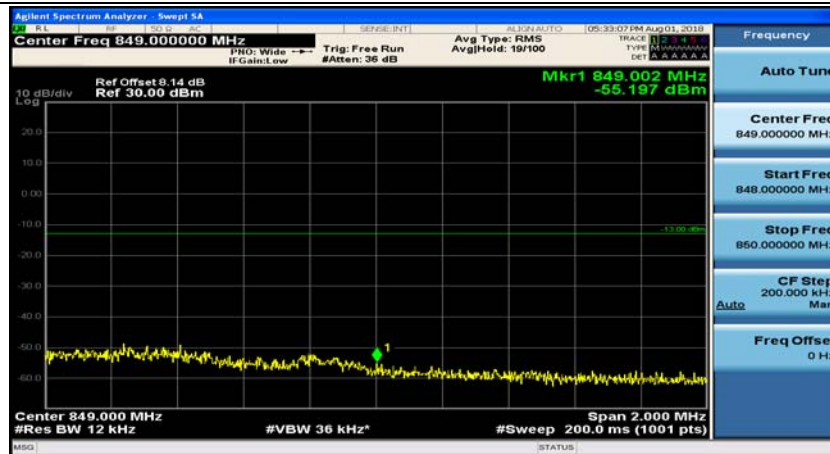
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(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



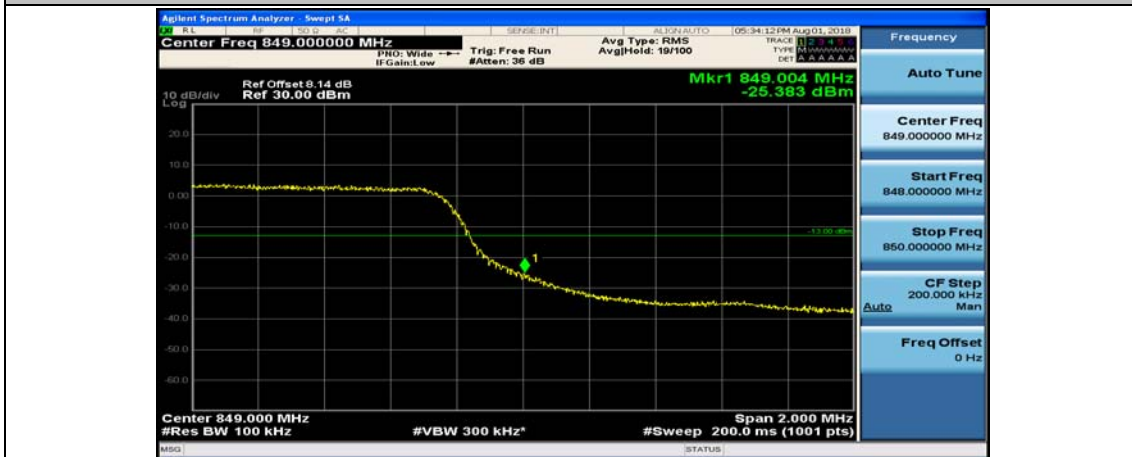
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13



(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

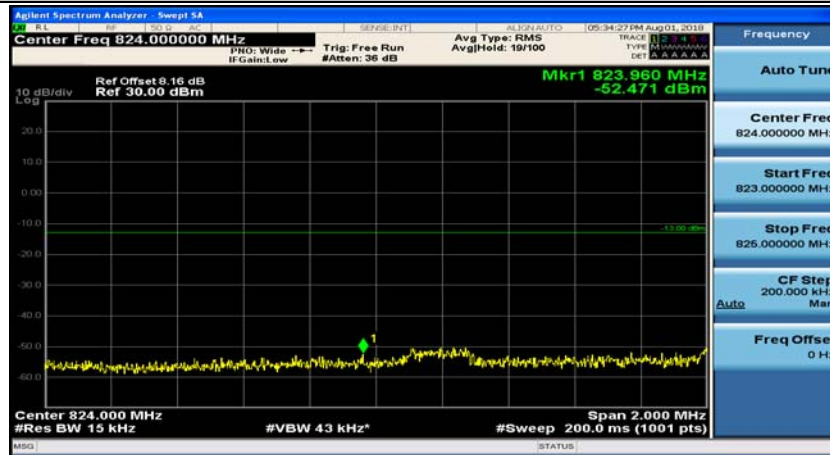


Channel Bandwidth: 10 MHz

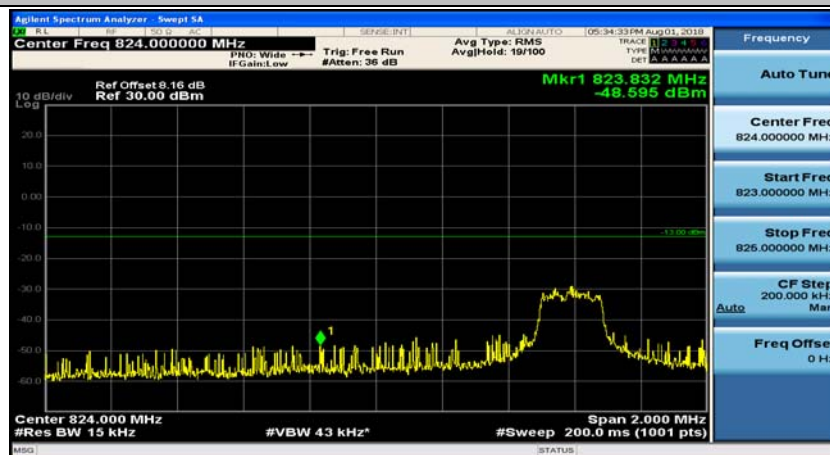
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0



Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#24



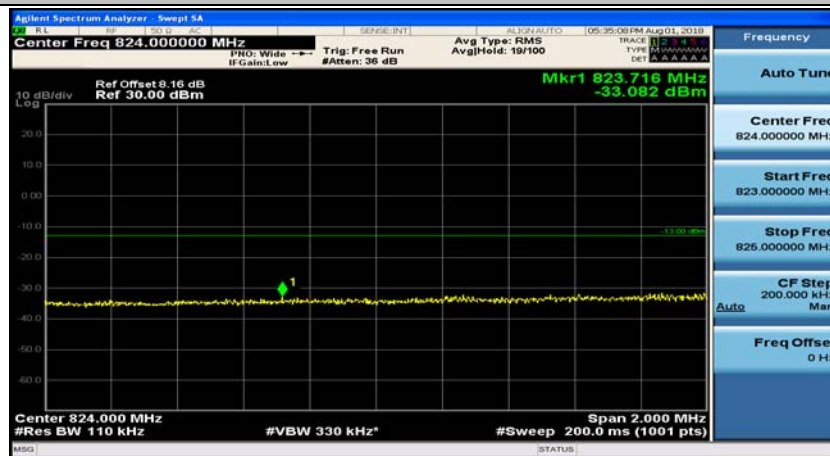
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49



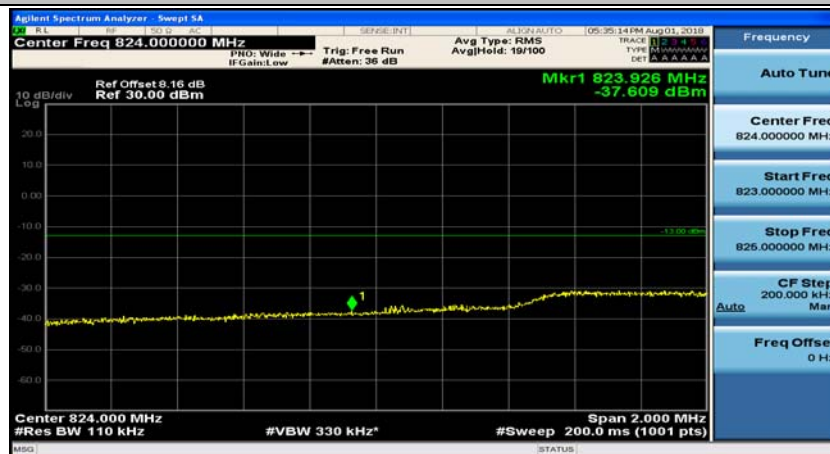
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#0



Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#12



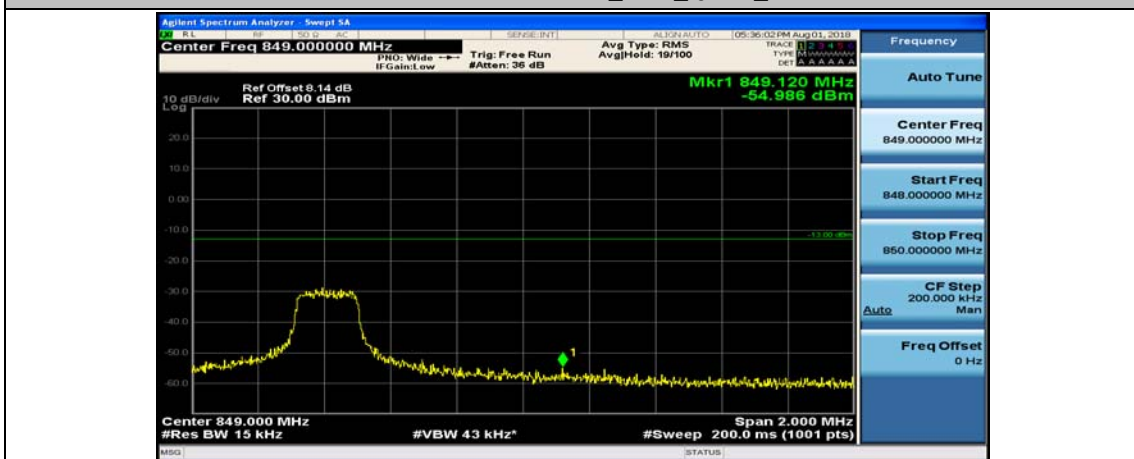
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#25



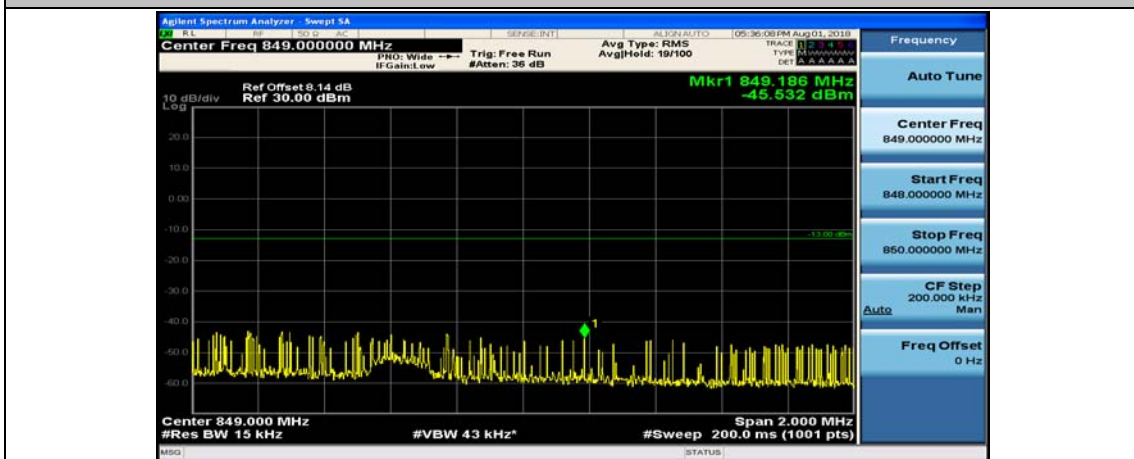
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



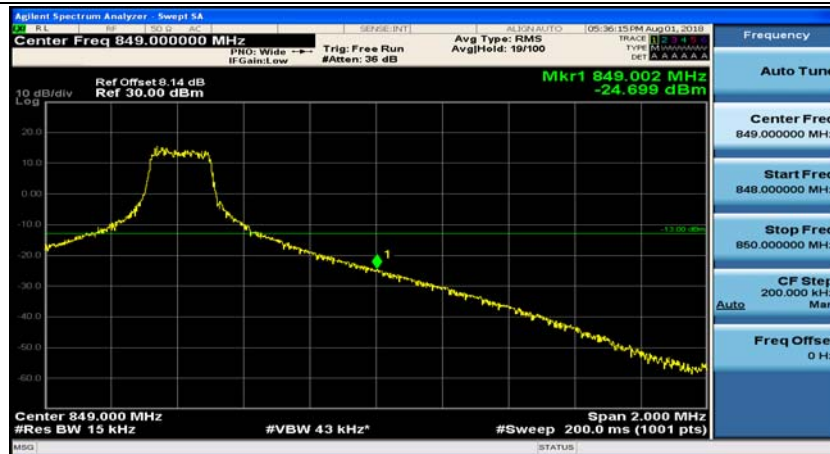
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0



Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24



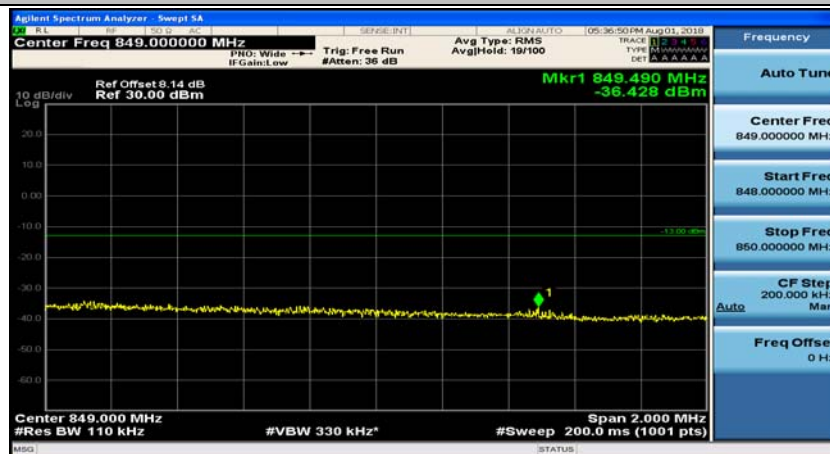
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49



Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0



Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12



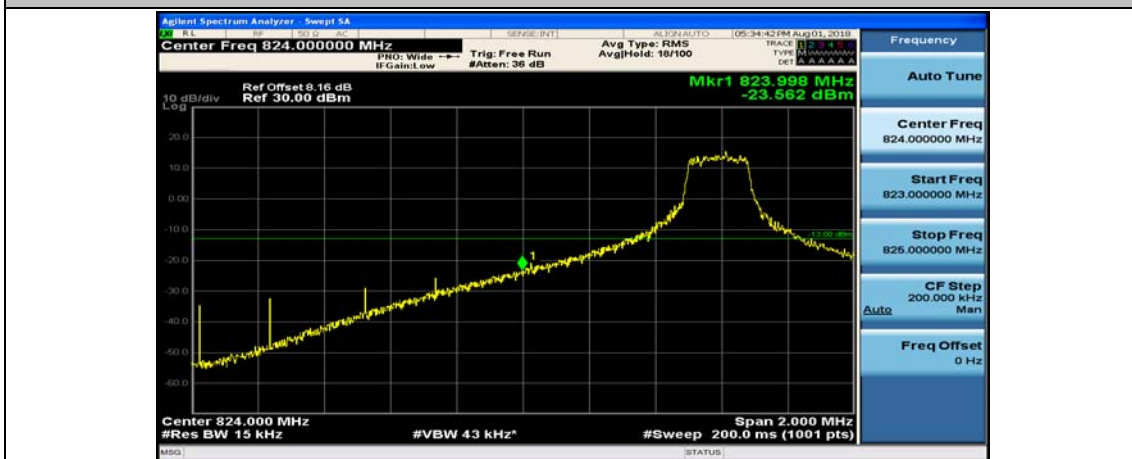
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#25



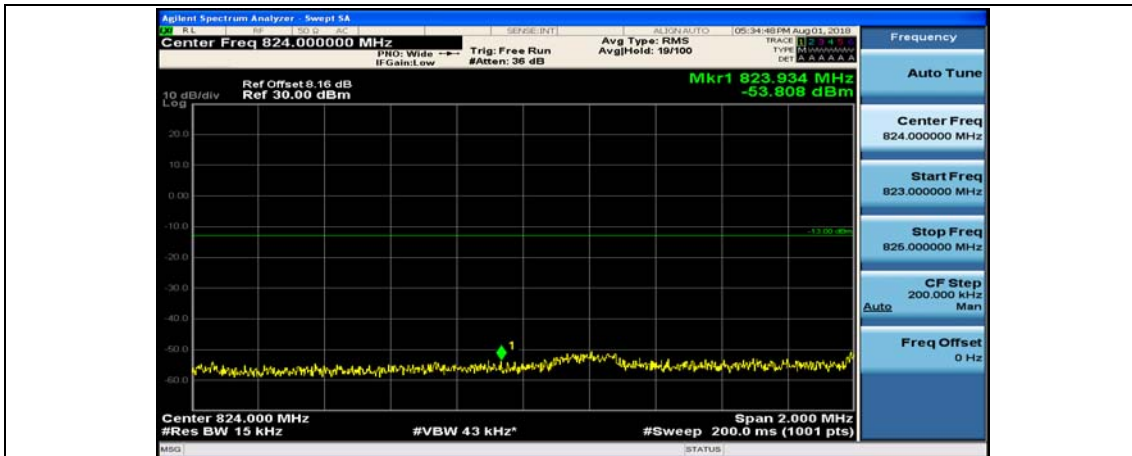
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



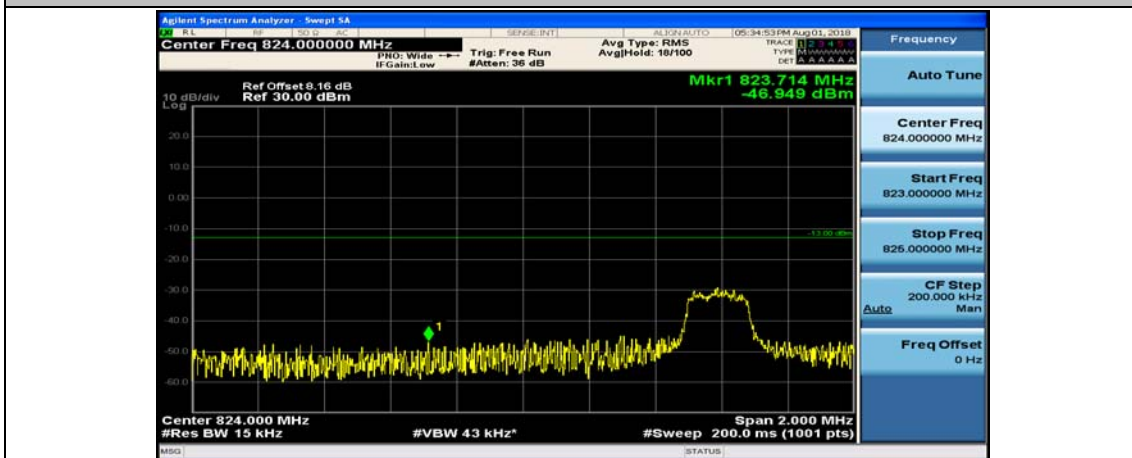
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



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

