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	22.84	PASS
		1	2	22.87	PASS
		1	5	22.78	PASS
		3	0	22.77	PASS
		3	1	22.86	PASS
		3	3	22.7	PASS
		6	0	21.71	PASS
	MCH	1	0	22.91	PASS
		1	2	22.89	PASS
		1	5	22.79	PASS
		3	0	22.72	PASS
		3	1	22.81	PASS
		3	3	22.76	PASS
		6	0	21.74	PASS
	HCH	1	0	22.88	PASS
		1	2	22.86	PASS
		1	5	22.64	PASS
		3	0	22.8	PASS
		3	1	22.89	PASS
		3	3	22.76	PASS
		6	0	21.79	PASS
16QAM	LCH	1	0	22.01	PASS
		1	2	22.05	PASS
		1	5	22.02	PASS
		3	0	21.94	PASS
		3	1	21.92	PASS
		3	3	21.86	PASS
		6	0	20.78	PASS
	MCH	1	0	22.08	PASS
		1	2	22.07	PASS
		1	5	22.2	PASS

		3	0	21.92	PASS
		3	1	21.95	PASS
		3	3	21.91	PASS
		6	0	20.8	PASS
	HCH	1	0	22.18	PASS
		1	2	22.17	PASS
		1	5	22.01	PASS
		3	0	21.98	PASS
		3	1	22.04	PASS
		3	3	21.96	PASS
		6	0	20.83	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.72	PASS
		1	7	22.95	PASS
		1	14	22.74	PASS
		8	0	21.72	PASS
		8	3	21.79	PASS
		8	7	21.66	PASS
		15	0	21.73	PASS
	MCH	1	0	22.81	PASS
		1	7	22.94	PASS
		1	14	22.77	PASS
		8	0	21.75	PASS
		8	3	21.81	PASS
		8	7	21.72	PASS
		15	0	21.73	PASS
	HCH	1	0	22.78	PASS
		1	7	22.93	PASS
		1	14	22.74	PASS
		8	0	21.83	PASS
		8	3	21.89	PASS
		8	7	21.9	PASS
		15	0	21.83	PASS
16QAM	LCH	1	0	22.05	PASS

		1	7	22.16	PASS
		1	14	22.07	PASS
		8	0	20.76	PASS
		8	3	20.83	PASS
		8	7	20.74	PASS
		15	0	20.71	PASS
	MCH	1	0	22.01	PASS
		1	7	22.23	PASS
		1	14	22.04	PASS
		8	0	20.74	PASS
		8	3	20.77	PASS
		8	7	20.77	PASS
		15	0	20.72	PASS
	HCH	1	0	22.03	PASS
		1	7	22.26	PASS
		1	14	21.99	PASS
		8	0	20.87	PASS
		8	3	20.88	PASS
		8	7	20.88	PASS
		15	0	20.77	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.69	PASS
		1	12	22.69	PASS
		1	24	22.65	PASS
		12	0	21.71	PASS
		12	6	21.74	PASS
		12	13	21.75	PASS
		25	0	21.76	PASS
	MCH	1	0	22.71	PASS
		1	12	22.8	PASS
		1	24	22.83	PASS
		12	0	21.7	PASS
		12	6	21.76	PASS
		12	13	21.7	PASS
		25	0	21.82	PASS

	HCH	1	0	22.87	PASS
		1	12	22.67	PASS
		1	24	22.78	PASS
		12	0	21.87	PASS
		12	6	21.84	PASS
		12	13	21.73	PASS
		25	0	21.82	PASS
16QAM	LCH	1	0	22.25	PASS
		1	12	21.74	PASS
		1	24	22.25	PASS
		12	0	20.75	PASS
		12	6	20.78	PASS
		12	13	20.8	PASS
		25	0	20.74	PASS
	MCH	1	0	22.29	PASS
		1	12	22.23	PASS
		1	24	22.2	PASS
		12	0	20.71	PASS
		12	6	20.79	PASS
		12	13	20.74	PASS
		25	0	20.81	PASS
	HCH	1	0	22.26	PASS
		1	12	22.28	PASS
		1	24	22.07	PASS
		12	0	20.87	PASS
		12	6	20.82	PASS
		12	13	20.84	PASS
		25	0	20.81	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.84	PASS
		1	24	22.75	PASS
		1	49	22.66	PASS
		25	0	21.76	PASS
		25	12	21.82	PASS
		25	25	21.7	PASS

		50	0	21.65	PASS
	MCH	1	0	22.89	PASS
		1	24	22.85	PASS
		1	49	22.8	PASS
		25	0	21.71	PASS
		25	12	21.83	PASS
		25	25	21.74	PASS
		50	0	21.7	PASS
	HCH	1	0	22.82	PASS
		1	24	22.97	PASS
		1	49	22.83	PASS
		25	0	21.85	PASS
		25	12	21.84	PASS
		25	25	21.84	PASS
		50	0	21.9	PASS
16QAM	LCH	1	0	22.16	PASS
		1	24	22.02	PASS
		1	49	21.85	PASS
		25	0	20.7	PASS
		25	12	20.72	PASS
		25	25	20.62	PASS
		50	0	20.68	PASS
	MCH	1	0	22.12	PASS
		1	24	22.02	PASS
		1	49	22.12	PASS
		25	0	20.69	PASS
		25	12	20.83	PASS
		25	25	20.74	PASS
		50	0	20.71	PASS
	HCH	1	0	22.13	PASS
		1	24	22.15	PASS
		1	49	22.16	PASS
		25	0	20.88	PASS
		25	12	20.86	PASS
		25	25	20.87	PASS
		50	0	20.91	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	4.76	<13	PASS
16QAM	MCH	1	0	5.6	<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	4.68	<13	PASS
16QAM	MCH	1	0	5.62	<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	4.71	<13	PASS
16QAM	MCH	1	0	5.54	<13	PASS

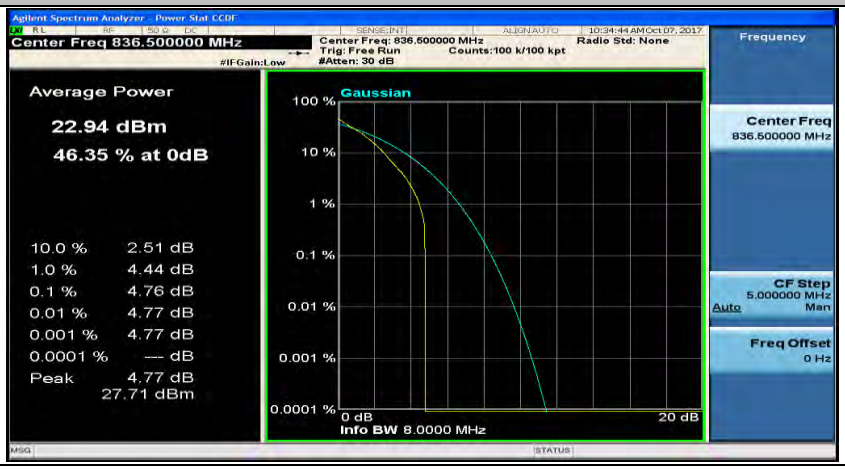
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	MCH	1	0	4.73	<13	PASS
16QAM	MCH	1	0	5.5	<13	PASS

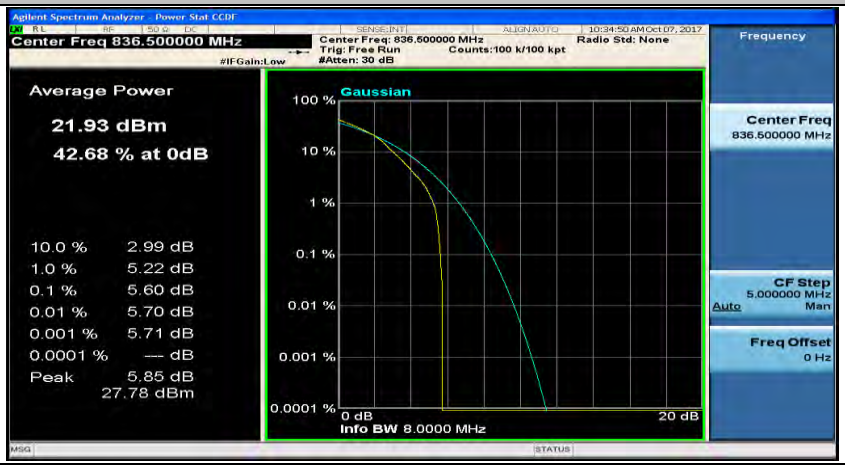
Test Graphs

Channel Bandwidth: 1.4 MHz

(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



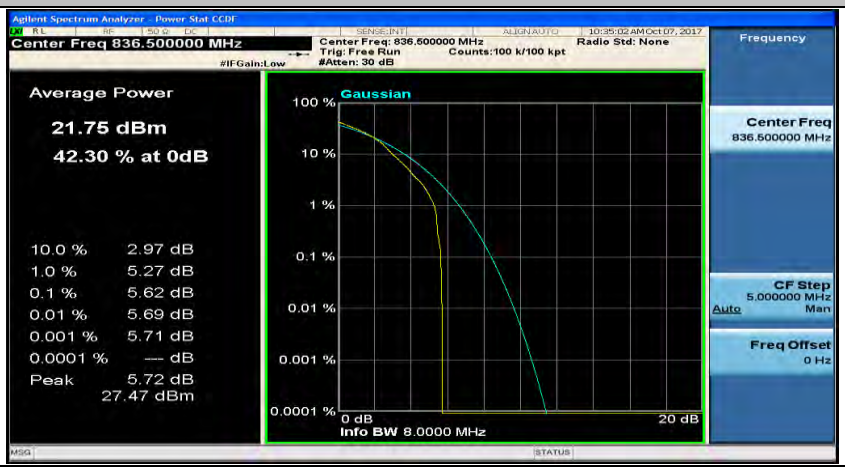
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0



Channel Bandwidth: 3 MHz

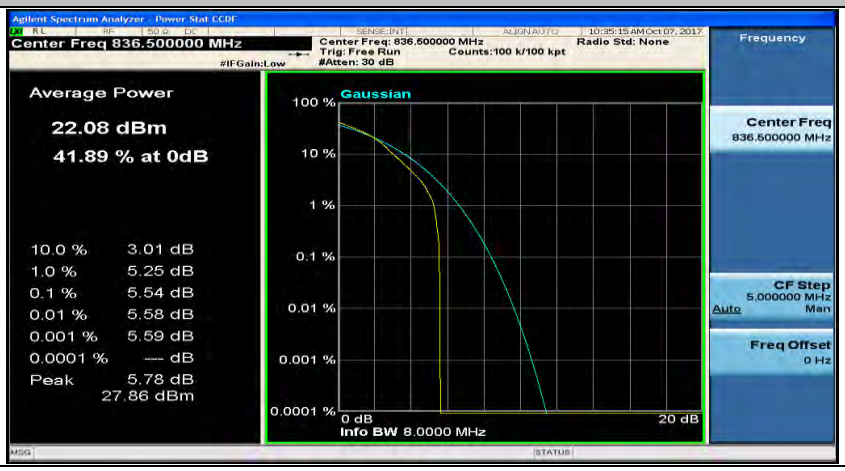
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0

(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0

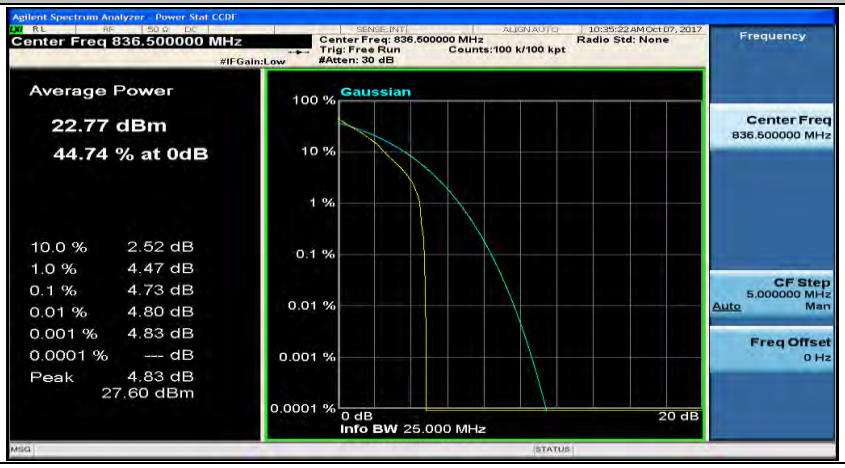


Channel Bandwidth: 5 MHz

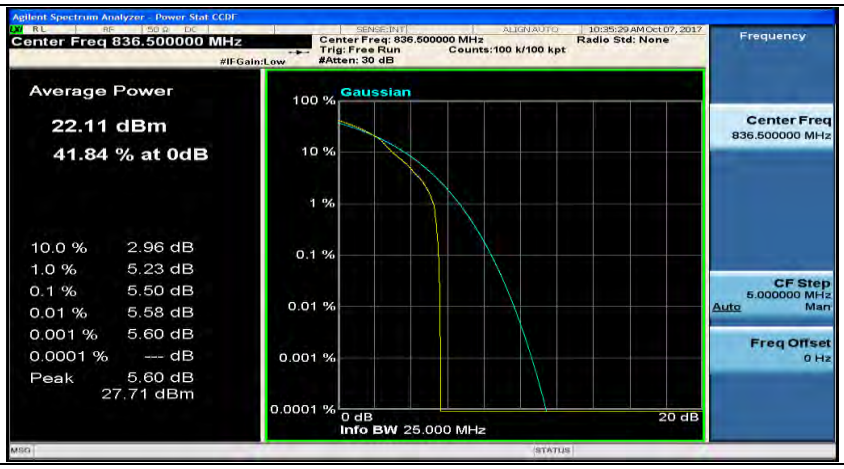
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0


Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0


Agilent Spectrum Analyzer - Power Stat CCDF
Center Freq 836.500000 MHz
Center Freq: 836.500000 MHz
Trig: Free Run
#Atten: 30 dB
Counts:100 k/100 kpt
Radio Std: None
#IFGain:Low
Average Power
22.11 dBm
41.84 % at 0dB
10.0 % 2.96 dB
1.0 % 5.23 dB
0.1 % 5.50 dB
0.01 % 5.58 dB
0.001 % 5.60 dB
0.0001 % --- dB
Peak 5.60 dB
27.71 dBm
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0 dB
20 dB
Info BW 25.000 MHz
Frequency
Center Freq
836.500000 MHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

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	1.0780	1.186	PASS
	MCH	6	0	1.0770	1.205	PASS
	HCH	6	0	1.0757	1.190	PASS
16QAM	LCH	6	0	1.0776	1.209	PASS
	MCH	6	0	1.0795	1.220	PASS
	HCH	6	0	1.0772	1.197	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	2.6842	2.901	PASS
	MCH	15	0	2.6821	2.900	PASS
	HCH	15	0	2.6907	2.904	PASS
16QAM	LCH	15	0	2.6848	2.865	PASS
	MCH	15	0	2.6856	2.893	PASS
	HCH	15	0	2.6856	2.893	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	4.4680	4.787	PASS

	MCH	25	0	4.4640	4.793	PASS
	HCH	25	0	4.4730	4.793	PASS
16QAM	LCH	25	0	4.4768	4.798	PASS
	MCH	25	0	4.4772	4.776	PASS
	HCH	25	0	4.4777	4.782	PASS

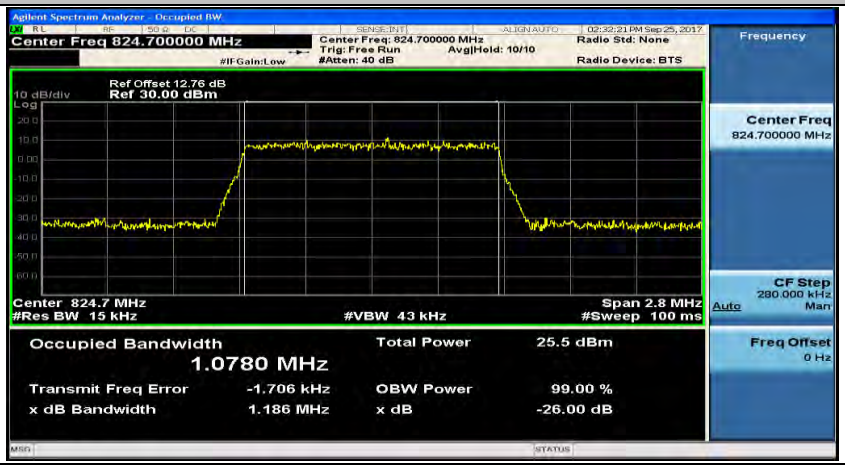
Channel Bandwidth: 10 MHz

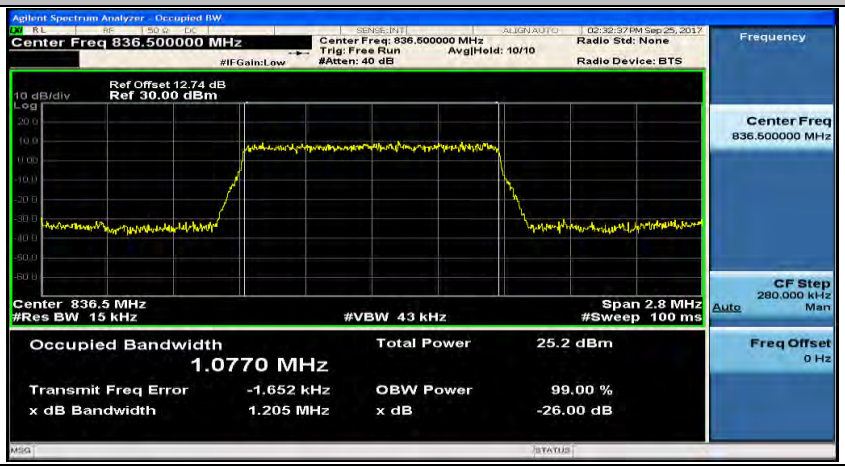
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.9331	9.370	PASS
	MCH	50	0	8.9465	9.506	PASS
	HCH	50	0	8.9104	9.403	PASS
16QAM	LCH	50	0	8.9401	9.380	PASS
	MCH	50	0	8.9446	9.439	PASS
	HCH	50	0	8.9245	9.352	PASS

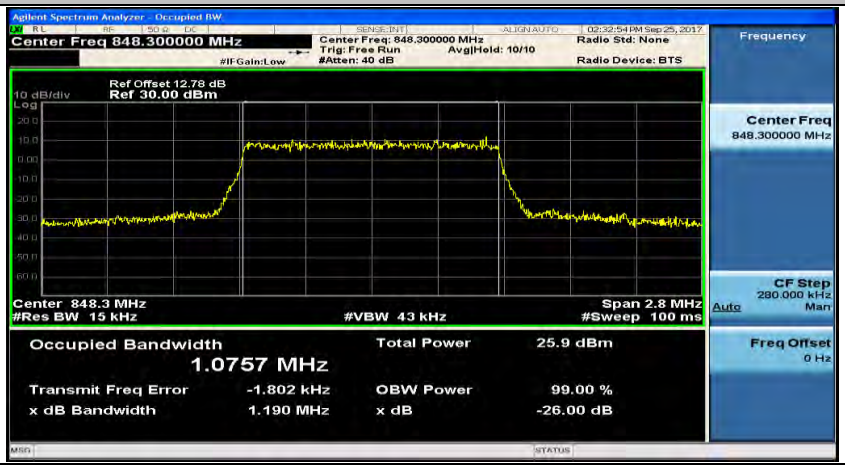
Test Graphs

Channel Bandwidth: 1.4 MHz

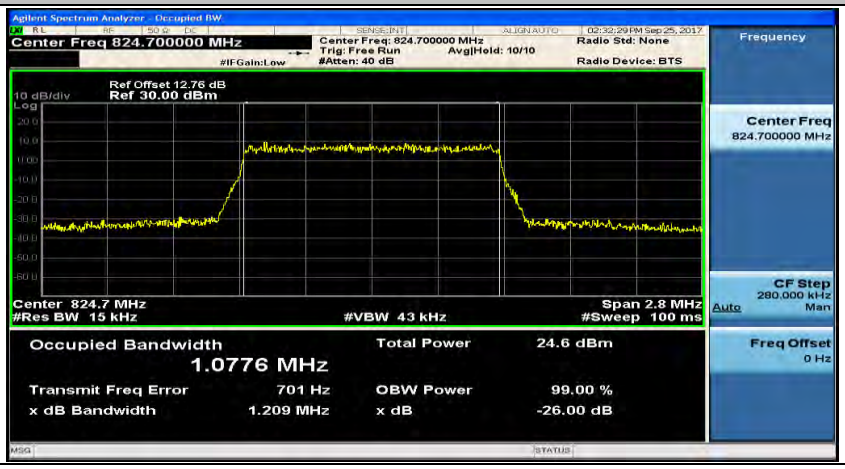
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



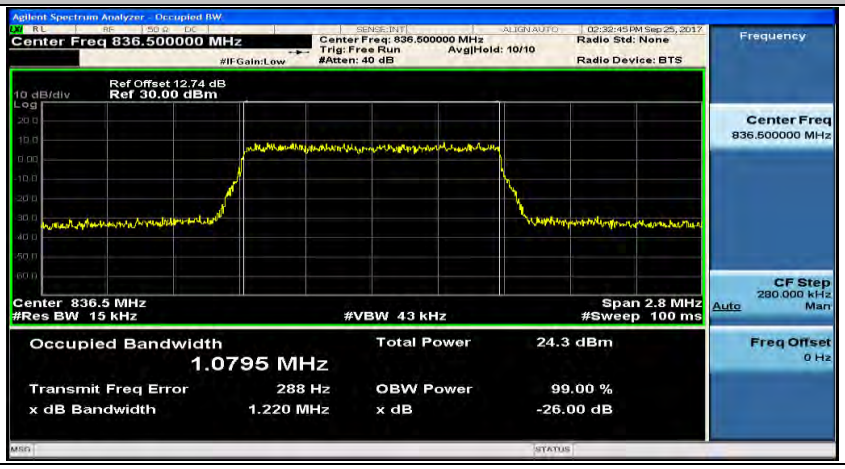
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0


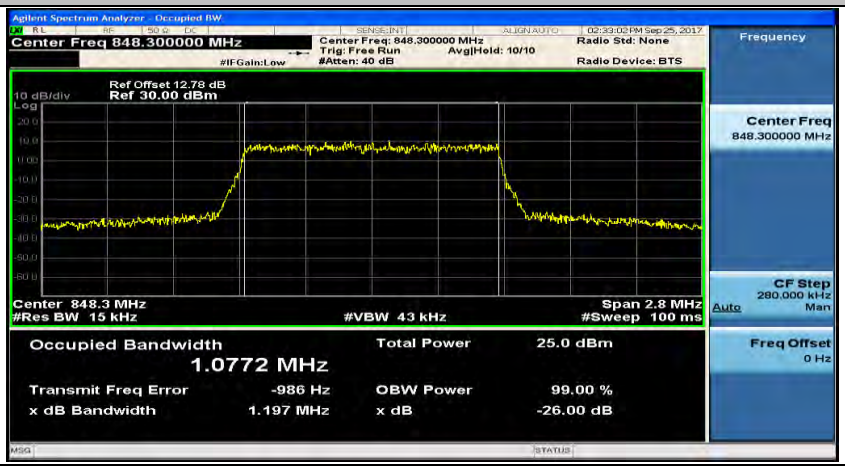
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0

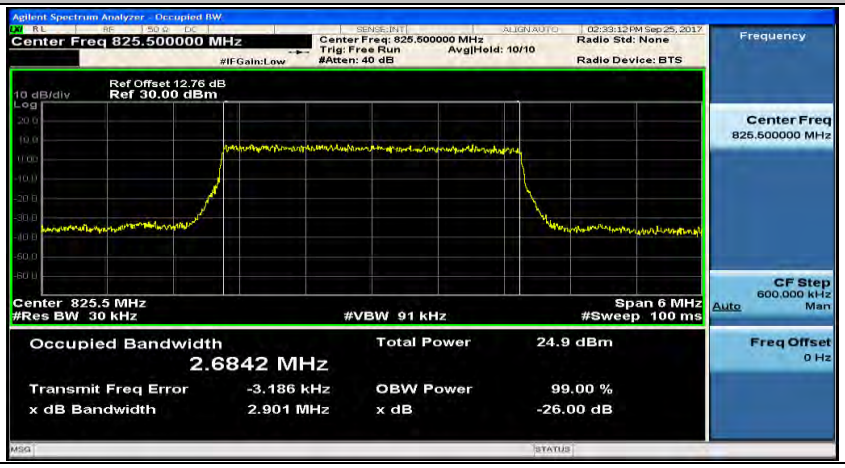


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

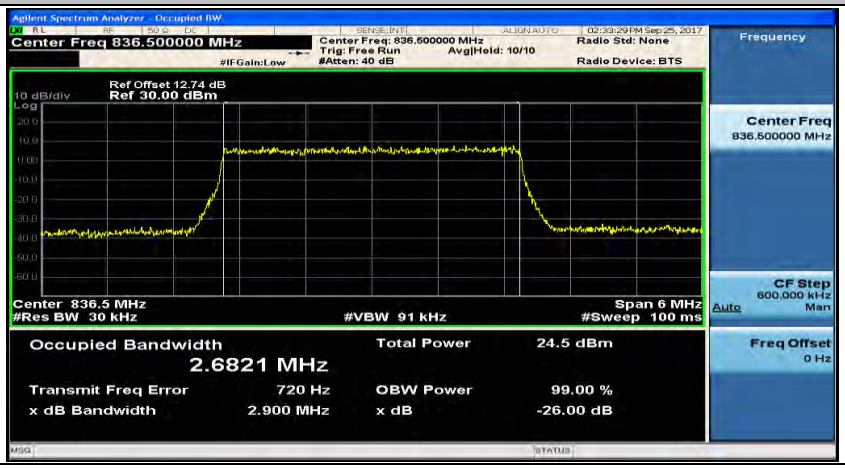


Channel Bandwidth: 3 MHz

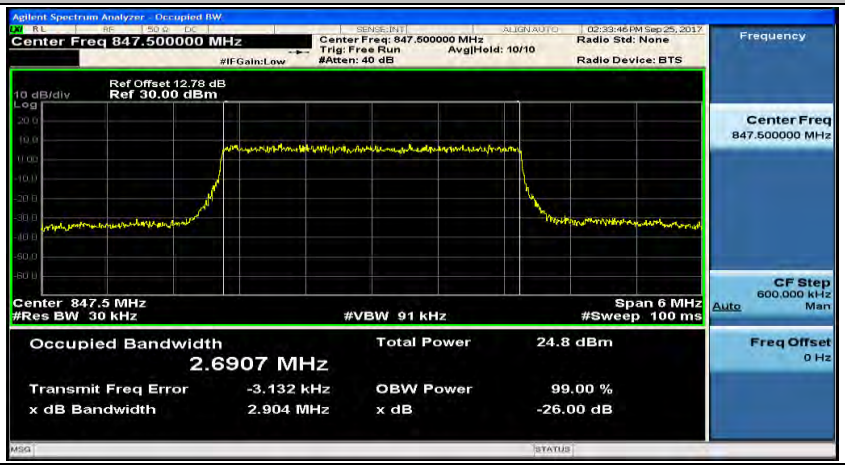
(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



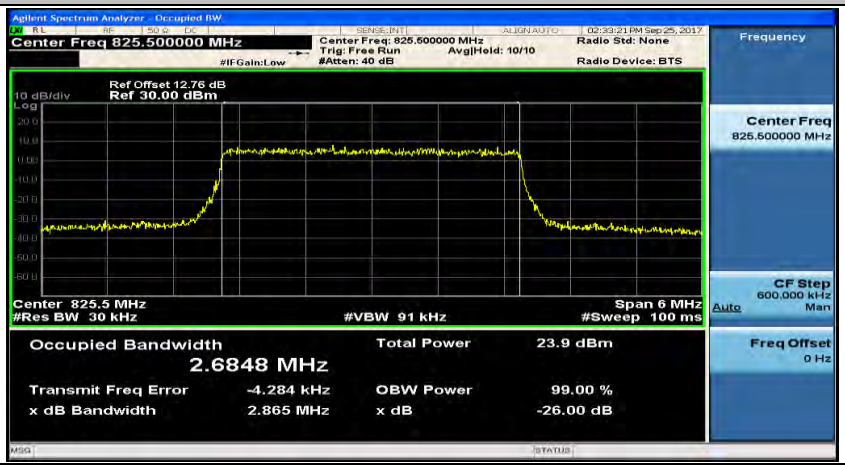
(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0



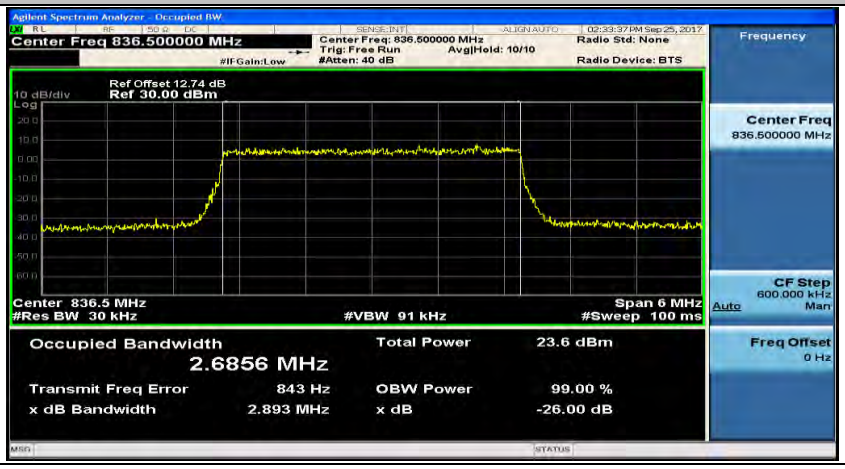
(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0



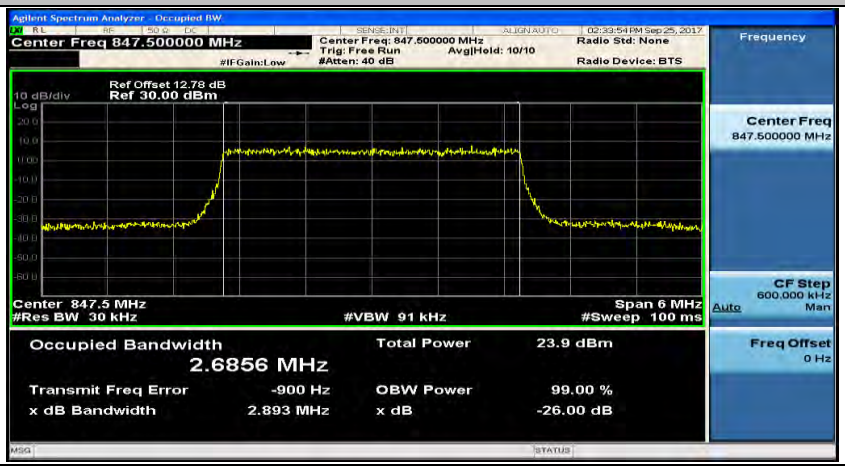
(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0



(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0

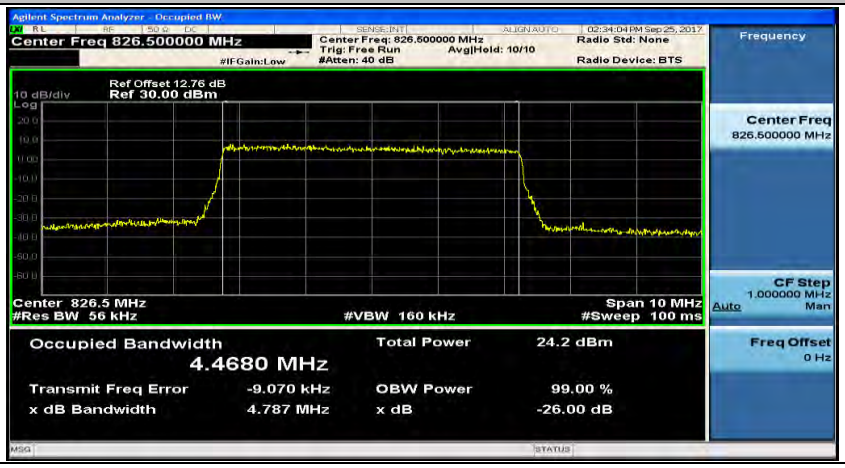


(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0

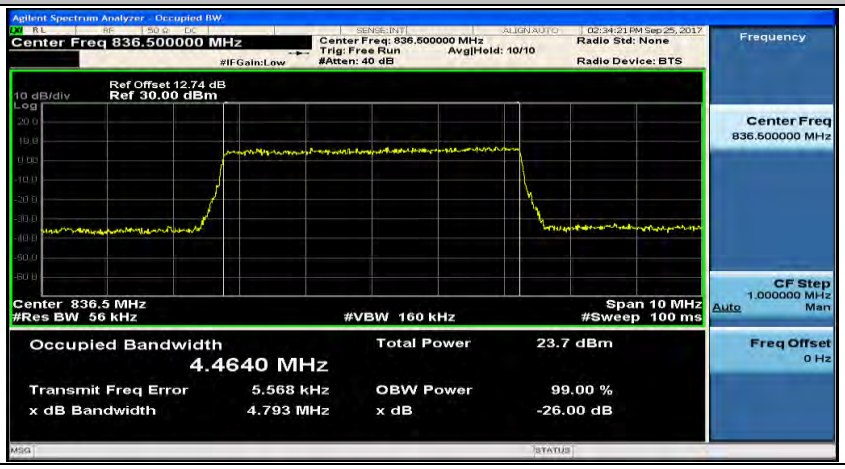


Channel Bandwidth: 5 MHz

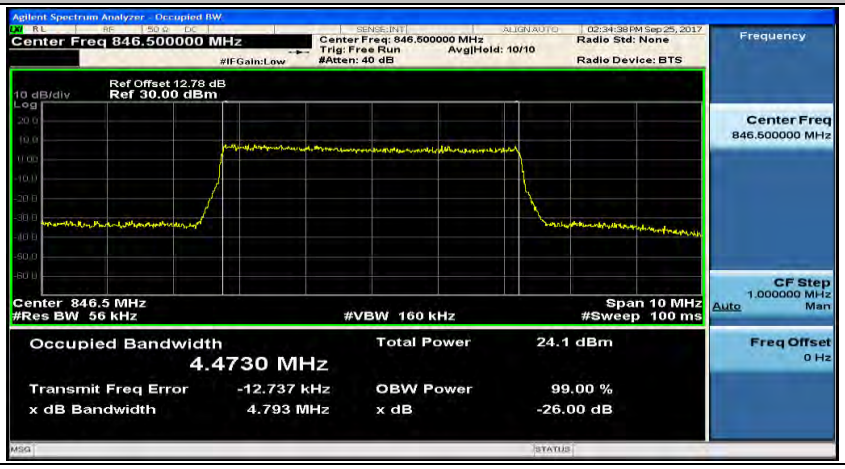
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0

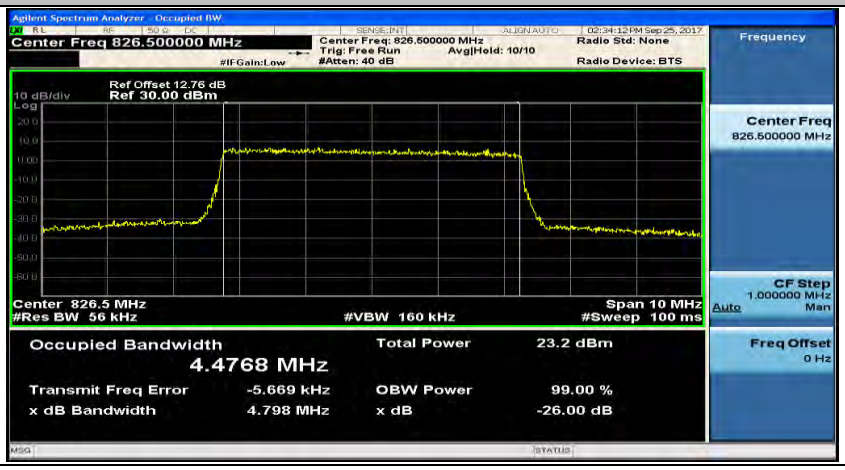


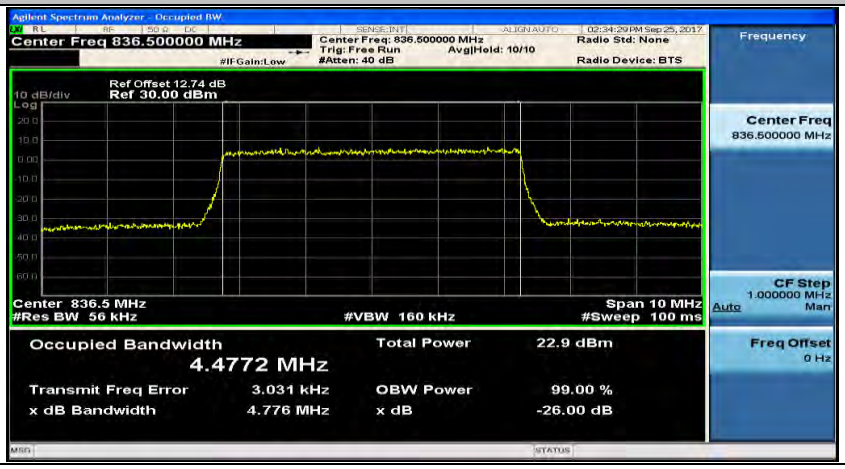
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0

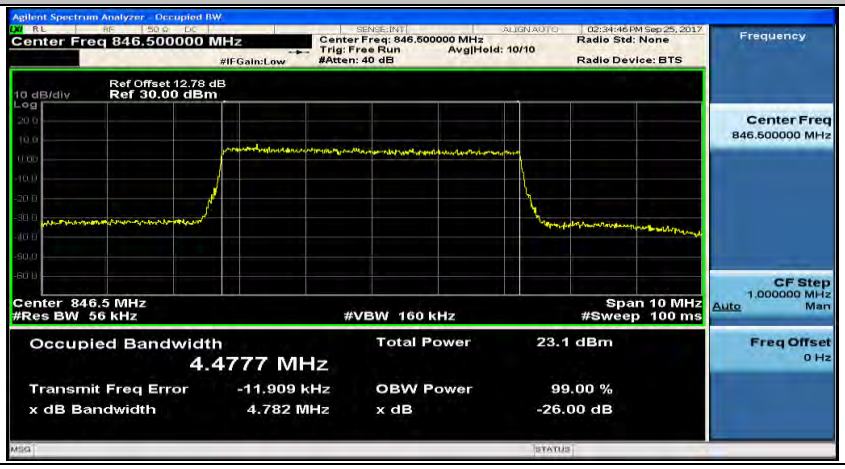


(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



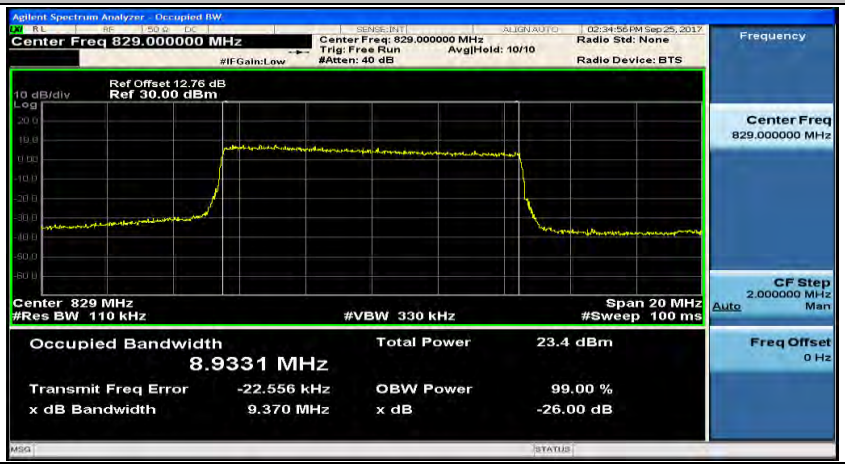
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0


(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0


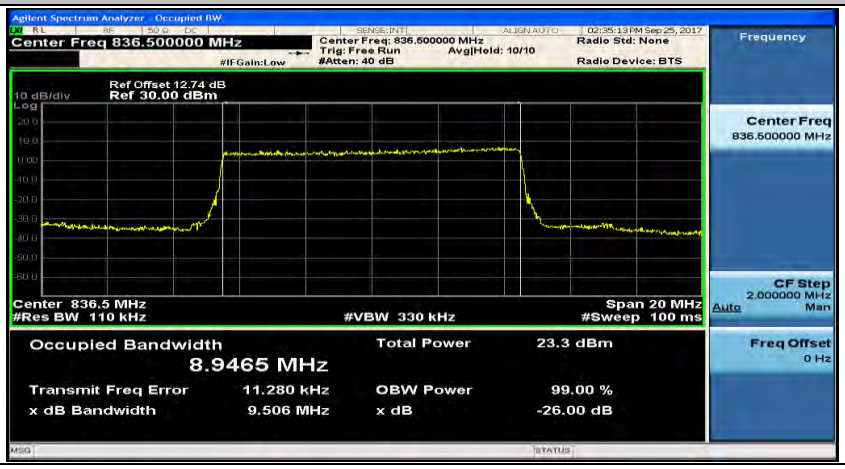
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0


Channel Bandwidth: 10 MHz

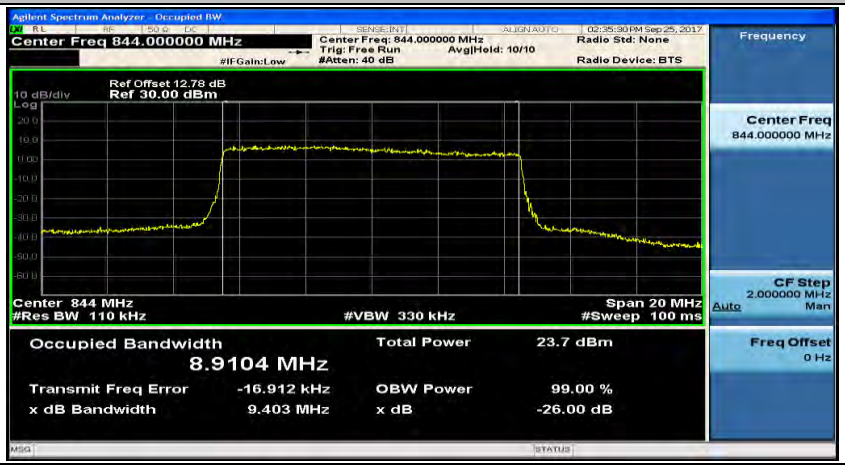
(Channel Bandwidth: 10 MHz)_LCH_QPSK_50RB#0

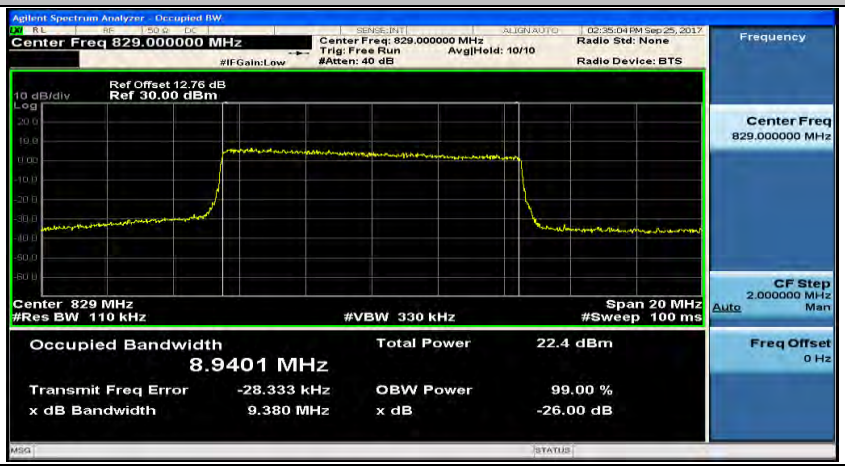


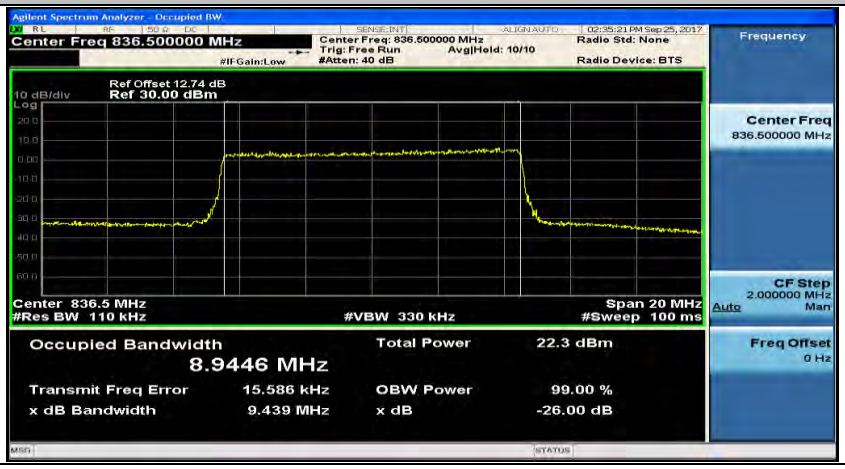
(Channel Bandwidth: 10 MHz)_MCH_QPSK_50RB#0

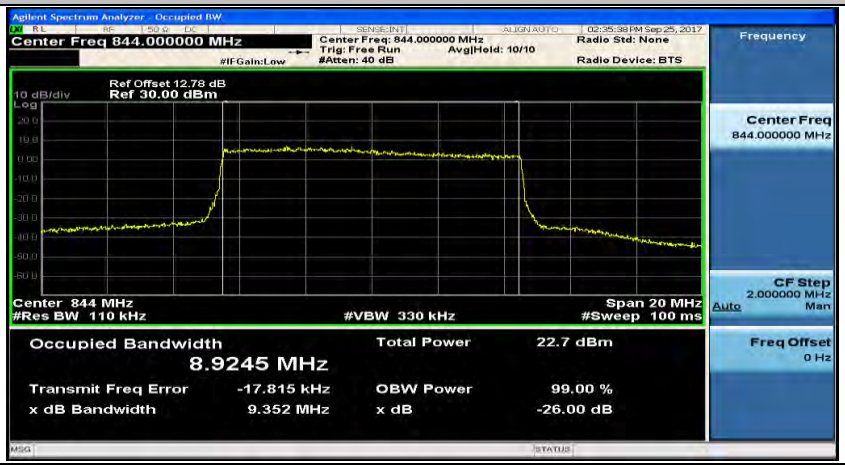


(Channel Bandwidth: 10 MHz)_HCH_QPSK_50RB#0



(Channel Bandwidth: 10 MHz)_LCH_16QAM_50RB#0


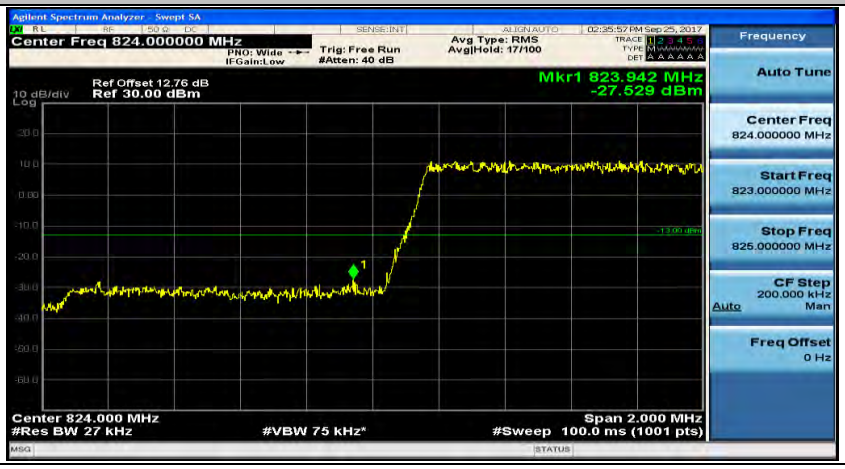
(Channel Bandwidth: 10 MHz)_MCH_16QAM_50RB#0


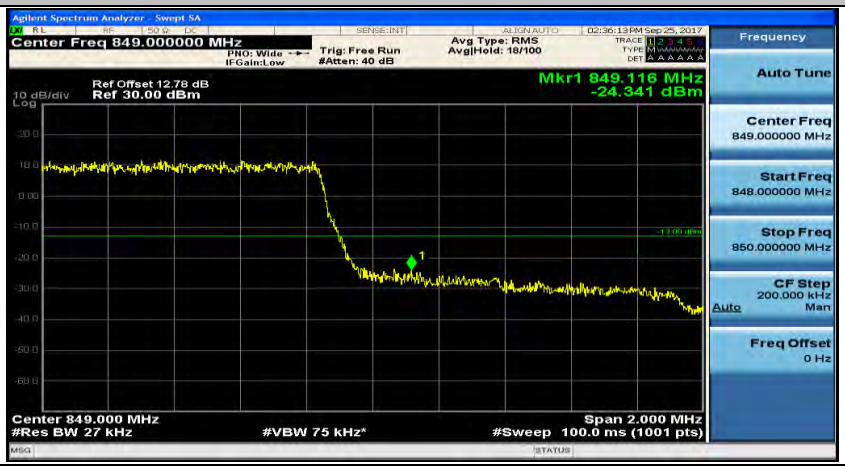
(Channel Bandwidth: 10 MHz)_HCH_16QAM_50RB#0


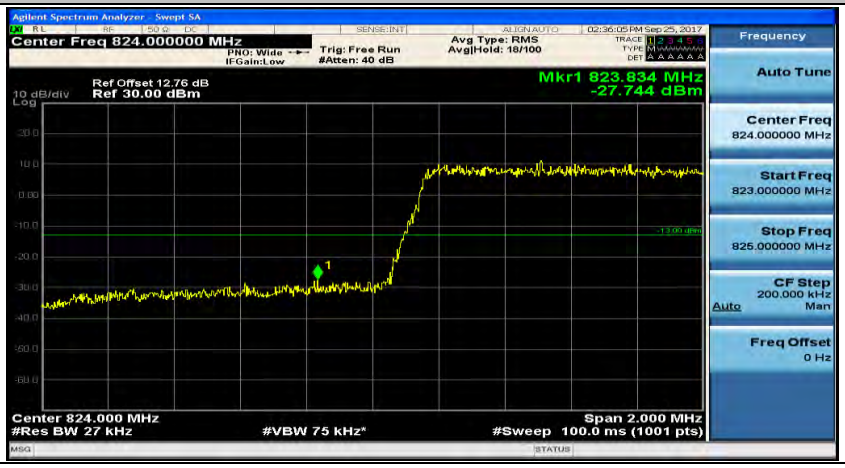
Appendix D: Band Edge

Test Graphs

Channel Bandwidth: 1.4 MHz

(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0


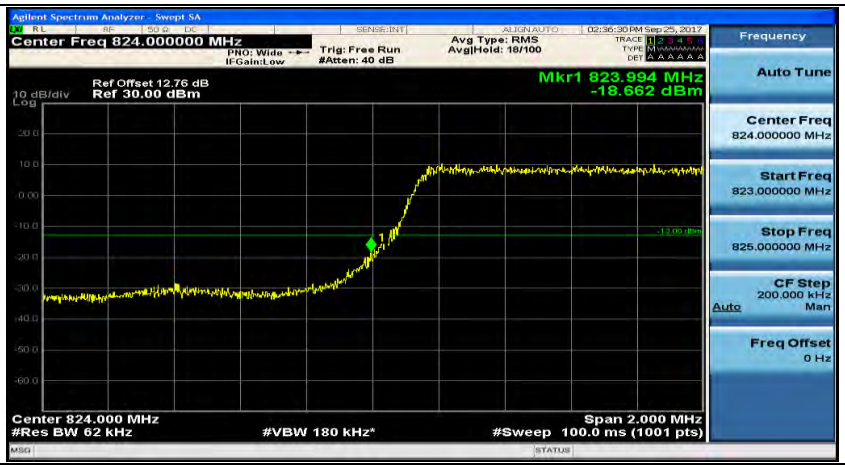
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

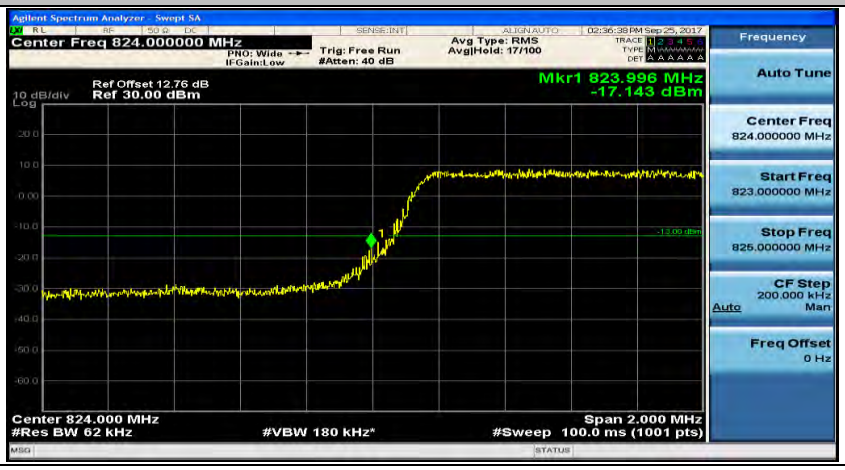

Channel Bandwidth: 3 MHz

(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



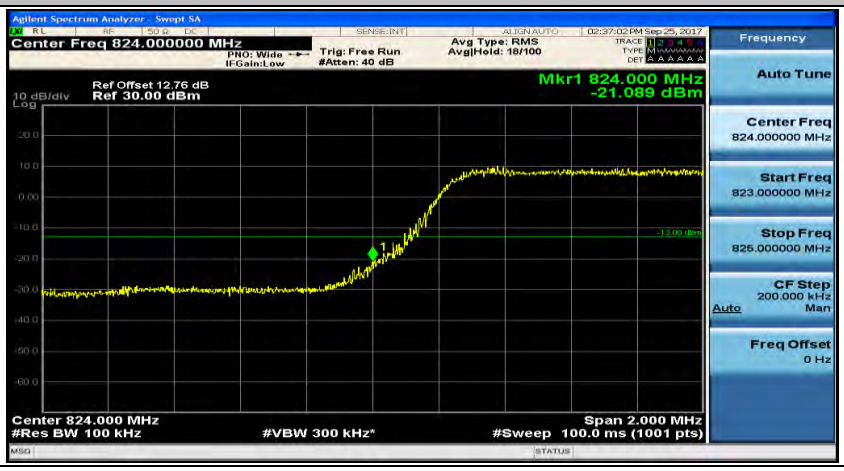
(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0

(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_25RB#0


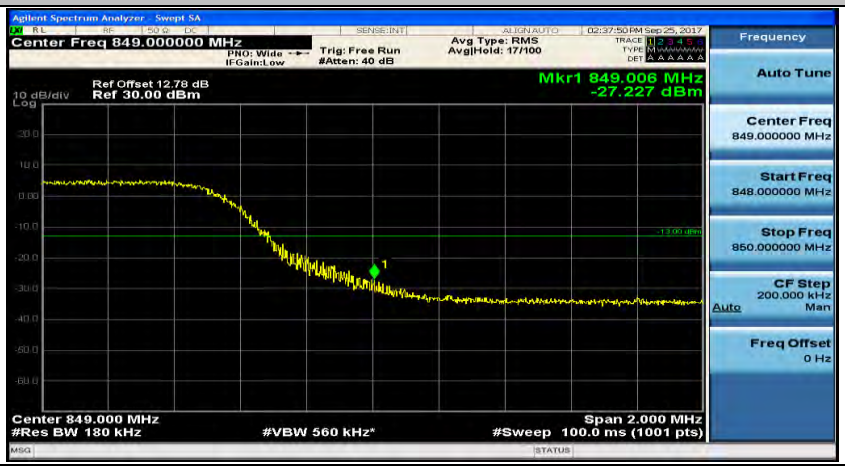
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0

(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0

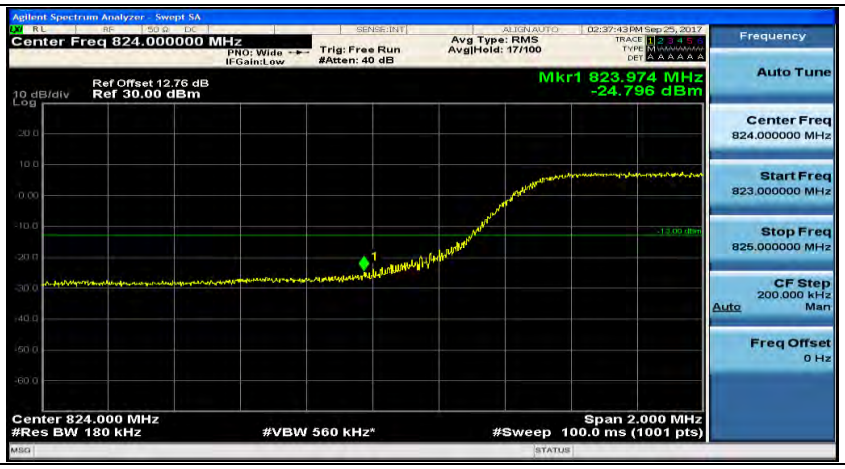
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

Channel Bandwidth: 10 MHz

(Channel Bandwidth: 10 MHz)_LCH_QPSK_50RB#0


(Channel Bandwidth: 10 MHz)_HCH_QPSK_50RB#0


(Channel Bandwidth: 10 MHz)_LCH_16QAM_50RB#0



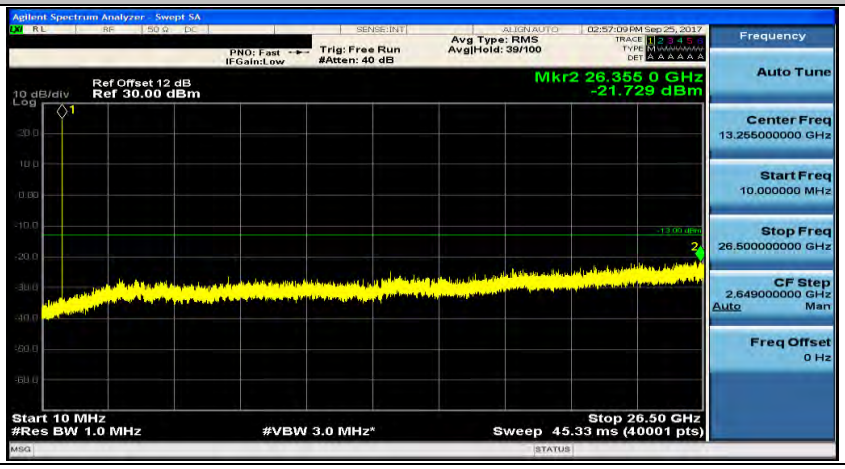
(Channel Bandwidth: 10 MHz)_HCH_16QAM_50RB#0

Appendix E: Conducted Spurious Emission

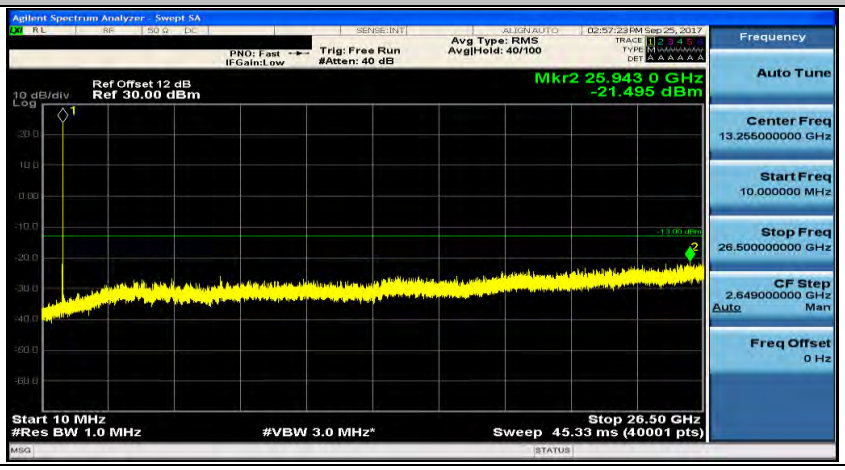
Test Graphs

Channel Bandwidth: 1.4 MHz

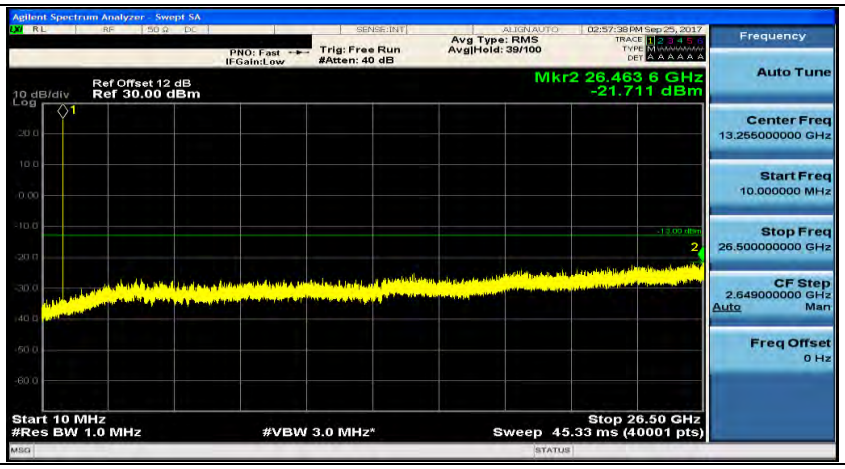
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



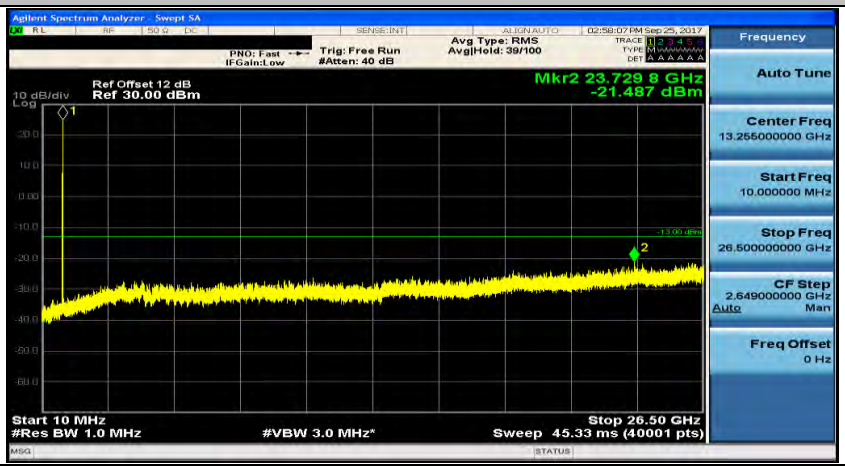
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



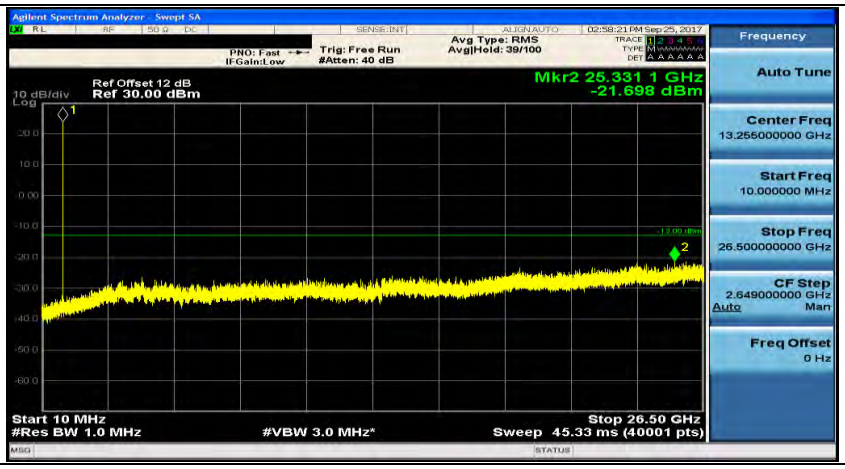
Channel Bandwidth: 3 MHz

(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0

(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0

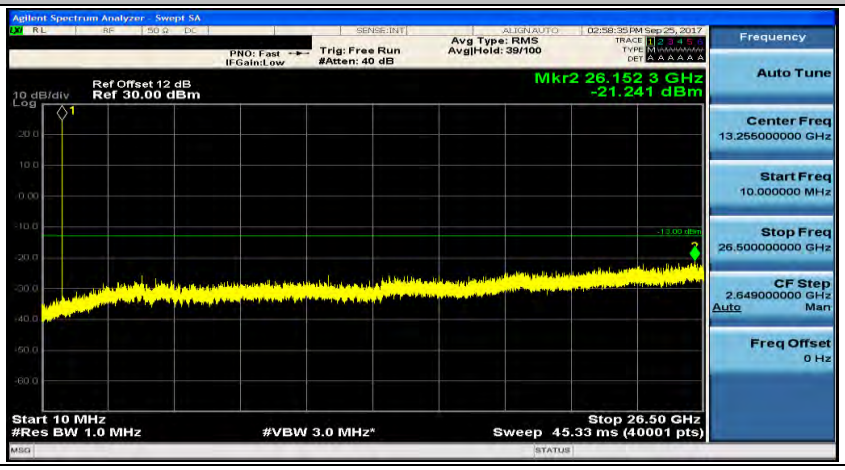


(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0

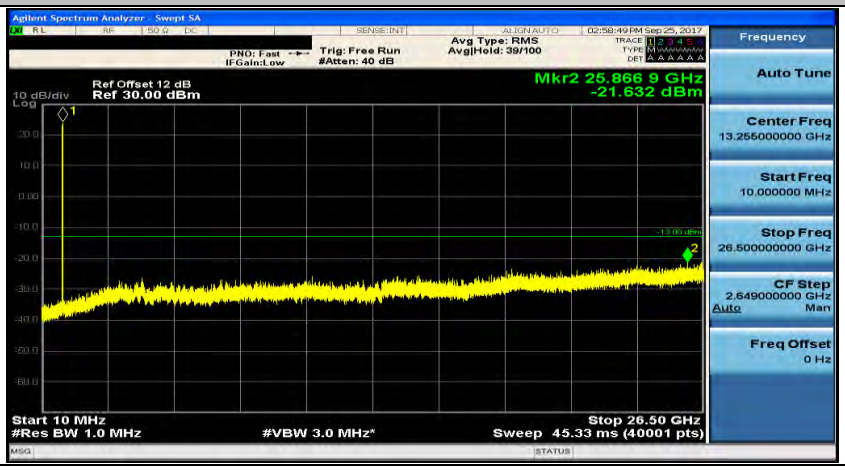


Channel Bandwidth: 5 MHz

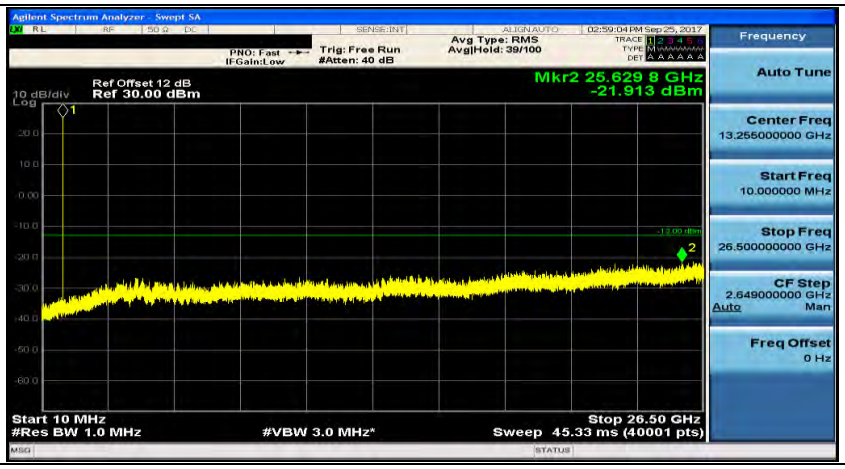
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

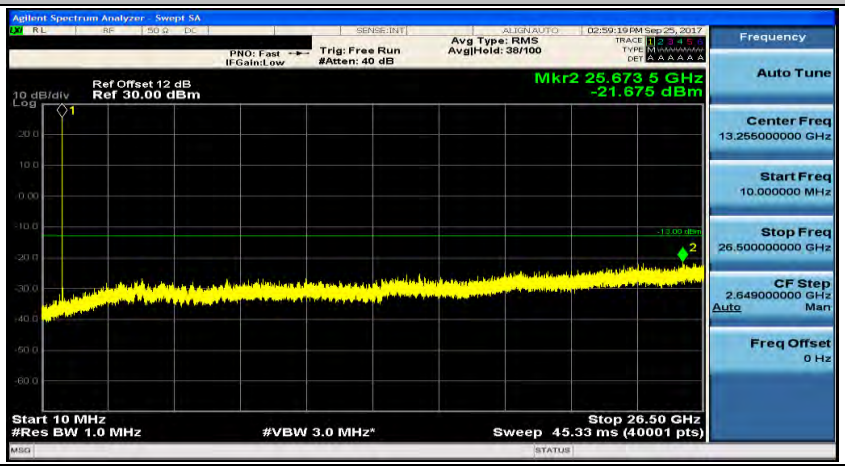


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

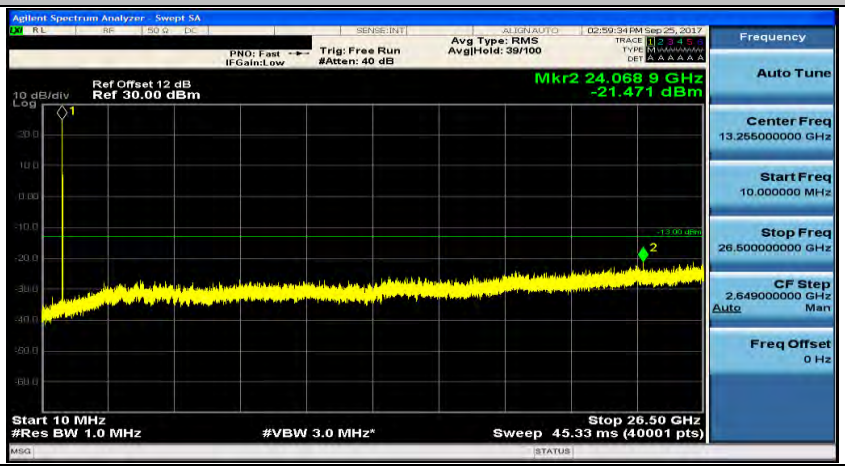


Channel Bandwidth: 10 MHz

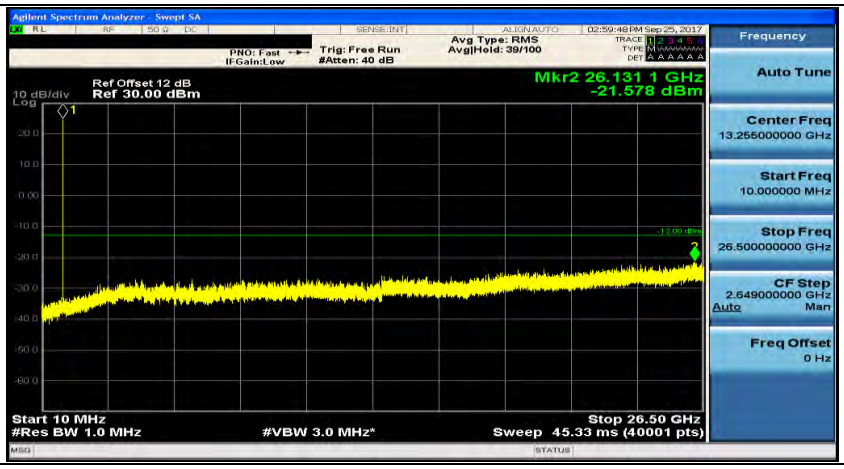
(Channel Bandwidth: 10 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 10 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 10 MHz)_HCH_QPSK_1RB#0


Agilent Spectrum Analyzer - Swept SA
RL
RF
50 Ω
DC
SENSE:INT
ALIGN AUTO
02:59:48 PM Sep 25, 2017
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 40 dB
Avg Type: RMS
Avg|Hold: 39/100
TRACE 1 2 3 4 5 6
TYPE M WWWWW
DET A A A A A A
Mkr2 26.131 1 GHz
-21.578 dBm
Ref Offset 12 dB
10 dB/div
Log
Ref 30.00 dBm
1
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-13.00 dBm
2
Start 10 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 26.50 GHz
Sweep 45.33 ms (40001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
13.255000000 GHz
Start Freq
10.000000 MHz
Stop Freq
26.500000000 GHz
CF Step
2.649000000 GHz
Auto
Man
Freq Offset
0 Hz

Appendix F: Frequency Stability

Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	-1.22	-0.001474	± 2.5	PASS
		VN	TN	-0.74	-0.000902	± 2.5	PASS
		VH	TN	-2.12	-0.002567	± 2.5	PASS
	MCH	VL	TN	-0.09	-0.000103	± 2.5	PASS
		VN	TN	0.33	0.000393	± 2.5	PASS
		VH	TN	0.44	0.000530	± 2.5	PASS
	HCH	VL	TN	0.36	0.000422	± 2.5	PASS
		VN	TN	0.01	0.000017	± 2.5	PASS
		VH	TN	0.14	0.000169	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-1.46	-0.001769	± 2.5	PASS
		VN	-20	-1.99	-0.002411	± 2.5	PASS
		VN	-10	-0.36	-0.000434	± 2.5	PASS
		VN	0	-1.65	-0.001995	± 2.5	PASS
		VN	10	-1.04	-0.001266	± 2.5	PASS
		VN	20	-2.06	-0.002498	± 2.5	PASS
		VN	30	-0.62	-0.000746	± 2.5	PASS
		VN	40	-0.97	-0.001180	± 2.5	PASS
		VN	50	-2.10	-0.002550	± 2.5	PASS
	MCH	VN	-30	0.31	0.000376	± 2.5	PASS
		VN	-20	-1.29	-0.001539	± 2.5	PASS
		VN	-10	-1.06	-0.001265	± 2.5	PASS
		VN	0	-1.19	-0.001419	± 2.5	PASS
		VN	10	-0.83	-0.000992	± 2.5	PASS
		VN	20	-0.14	-0.000171	± 2.5	PASS
		VN	30	-0.50	-0.000599	± 2.5	PASS
		VN	40	-1.59	-0.001898	± 2.5	PASS
		VN	50	0.20	0.000239	± 2.5	PASS

	HCH	VN	-30	0.59	0.000691	± 2.5	PASS
		VN	-20	-0.23	-0.000270	± 2.5	PASS
		VN	-10	-0.09	-0.000101	± 2.5	PASS
		VN	0	0.31	0.000371	± 2.5	PASS
		VN	10	-0.99	-0.001164	± 2.5	PASS
		VN	20	-0.97	-0.001147	± 2.5	PASS
		VN	30	-0.64	-0.000759	± 2.5	PASS
		VN	40	0.49	0.000573	± 2.5	PASS
		VN	50	0.41	0.000489	± 2.5	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz+							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	-1.00	-0.001213	± 2.5	PASS
		VN	TN	-1.80	-0.002183	± 2.5	PASS
		VH	TN	-1.30	-0.001577	± 2.5	PASS
	MCH	VL	TN	-1.37	-0.001642	± 2.5	PASS
		VN	TN	0.87	0.001043	± 2.5	PASS
		VH	TN	1.07	0.001283	± 2.5	PASS
	HCH	VL	TN	-2.00	-0.002363	± 2.5	PASS
		VN	TN	-2.12	-0.002498	± 2.5	PASS
		VH	TN	-1.32	-0.001553	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-0.17	-0.000208	± 2.5	PASS
		VN	-20	0.43	0.000520	± 2.5	PASS
		VN	-10	0.39	0.000468	± 2.5	PASS
		VN	0	-0.93	-0.001126	± 2.5	PASS
		VN	10	0.74	0.000901	± 2.5	PASS
		VN	20	0.49	0.000589	± 2.5	PASS
		VN	30	-0.33	-0.000399	± 2.5	PASS
		VN	40	-1.03	-0.001248	± 2.5	PASS
		VN	50	-0.33	-0.000399	± 2.5	PASS
	MCH	VN	-30	-1.14	-0.001368	± 2.5	PASS
		VN	-20	-1.12	-0.001334	± 2.5	PASS
		VN	-10	-0.30	-0.000359	± 2.5	PASS
		VN	0	-0.51	-0.000616	± 2.5	PASS
		VN	10	-1.32	-0.001573	± 2.5	PASS
		VN	20	-0.04	-0.000051	± 2.5	PASS
		VN	30	0.27	0.000325	± 2.5	PASS
		VN	40	-1.42	-0.001693	± 2.5	PASS
		VN	50	0.27	0.000325	± 2.5	PASS

	HCH	VN	-30	0.01	0.000017	± 2.5	PASS
		VN	-20	-1.52	-0.001789	± 2.5	PASS
		VN	-10	-2.98	-0.003511	± 2.5	PASS
		VN	0	-1.66	-0.001958	± 2.5	PASS
		VN	10	-1.22	-0.001435	± 2.5	PASS
		VN	20	-1.33	-0.001570	± 2.5	PASS
		VN	30	-1.85	-0.002177	± 2.5	PASS
		VN	40	0.21	0.000253	± 2.5	PASS
		VN	50	-1.85	-0.002177	± 2.5	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	-2.27	-0.002752	± 2.5	PASS
		VN	TN	-1.65	-0.001990	± 2.5	PASS
		VH	TN	-1.66	-0.002008	± 2.5	PASS
	MCH	VL	TN	0.70	0.000838	± 2.5	PASS
		VN	TN	-1.30	-0.001556	± 2.5	PASS
		VH	TN	-0.27	-0.000325	± 2.5	PASS
	HCH	VL	TN	-0.69	-0.000811	± 2.5	PASS
		VN	TN	0.39	0.000456	± 2.5	PASS
		VH	TN	-0.86	-0.001014	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-2.30	-0.002787	± 2.5	PASS
		VN	-20	-1.00	-0.001212	± 2.5	PASS
		VN	-10	-0.83	-0.001004	± 2.5	PASS
		VN	0	-2.17	-0.002631	± 2.5	PASS
		VN	10	-2.06	-0.002492	± 2.5	PASS
		VN	20	-1.62	-0.001956	± 2.5	PASS
		VN	30	-1.34	-0.001627	± 2.5	PASS
		VN	40	-2.45	-0.002960	± 2.5	PASS
		VN	50	-1.42	-0.001713	± 2.5	PASS
	MCH	VN	-30	-0.17	-0.000205	± 2.5	PASS
		VN	-20	-0.89	-0.001060	± 2.5	PASS
		VN	-10	-0.76	-0.000906	± 2.5	PASS
		VN	0	-1.52	-0.001813	± 2.5	PASS
		VN	10	-0.14	-0.000171	± 2.5	PASS
		VN	20	-0.46	-0.000547	± 2.5	PASS
		VN	30	-0.17	-0.000205	± 2.5	PASS
		VN	40	-1.12	-0.001334	± 2.5	PASS
		VN	50	-0.60	-0.000718	± 2.5	PASS

	HCH	VN	-30	-1.73	-0.002045	± 2.5	PASS
		VN	-20	0.44	0.000524	± 2.5	PASS
		VN	-10	-0.69	-0.000811	± 2.5	PASS
		VN	0	0.13	0.000152	± 2.5	PASS
		VN	10	-1.17	-0.001386	± 2.5	PASS
		VN	20	-0.44	-0.000524	± 2.5	PASS
		VN	30	-0.63	-0.000744	± 2.5	PASS
		VN	40	-0.04	-0.000051	± 2.5	PASS
		VN	50	1.16	0.001369	± 2.5	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	-0.01	-0.000017	± 2.5	PASS
		VN	TN	-0.16	-0.000190	± 2.5	PASS
		VH	TN	0.33	0.000397	± 2.5	PASS
	MCH	VL	TN	-0.66	-0.000787	± 2.5	PASS
		VN	TN	0.67	0.000804	± 2.5	PASS
		VH	TN	0.06	0.000068	± 2.5	PASS
	HCH	VL	TN	-0.74	-0.000881	± 2.5	PASS
		VN	TN	-1.76	-0.002085	± 2.5	PASS
		VH	TN	-1.32	-0.001559	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-0.87	-0.001053	± 2.5	PASS
		VN	-20	-1.23	-0.001484	± 2.5	PASS
		VN	-10	-1.26	-0.001519	± 2.5	PASS
		VN	0	0.34	0.000414	± 2.5	PASS
		VN	10	-0.56	-0.000673	± 2.5	PASS
		VN	20	-0.44	-0.000535	± 2.5	PASS
		VN	30	-1.07	-0.001294	± 2.5	PASS
		VN	40	-1.12	-0.001346	± 2.5	PASS
		VN	50	-1.72	-0.002071	± 2.5	PASS
	MCH	VN	-30	-0.06	-0.000068	± 2.5	PASS
		VN	-20	-0.63	-0.000752	± 2.5	PASS
		VN	-10	-0.54	-0.000650	± 2.5	PASS
		VN	0	0.46	0.000547	± 2.5	PASS
		VN	10	-0.07	-0.000086	± 2.5	PASS
		VN	20	0.27	0.000325	± 2.5	PASS
		VN	30	0.07	0.000086	± 2.5	PASS
		VN	40	-1.56	-0.001864	± 2.5	PASS
		VN	50	-0.34	-0.000410	± 2.5	PASS

	HCH	VN	-30	-0.93	-0.001102	± 2.5	PASS
		VN	-20	-1.23	-0.001458	± 2.5	PASS
		VN	-10	-1.12	-0.001322	± 2.5	PASS
		VN	0	-1.17	-0.001390	± 2.5	PASS
		VN	10	-0.87	-0.001034	± 2.5	PASS
		VN	20	-1.79	-0.002119	± 2.5	PASS
		VN	30	-0.72	-0.000847	± 2.5	PASS
		VN	40	-0.50	-0.000593	± 2.5	PASS
		VN	50	-1.09	-0.001288	± 2.5	PASS