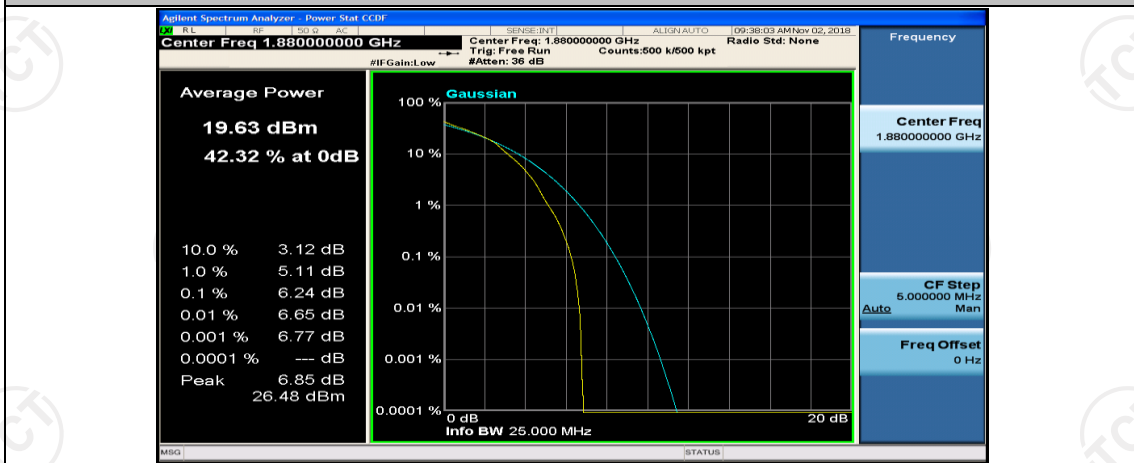
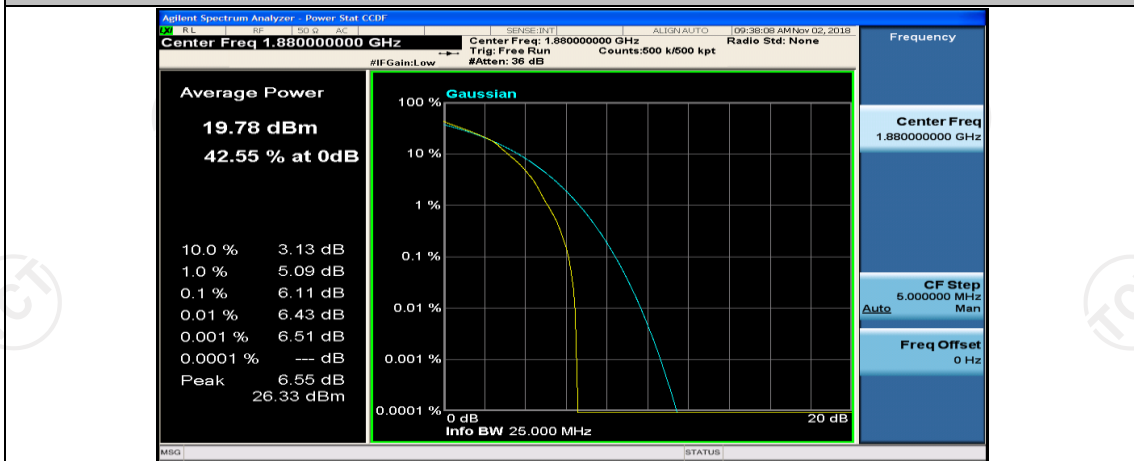


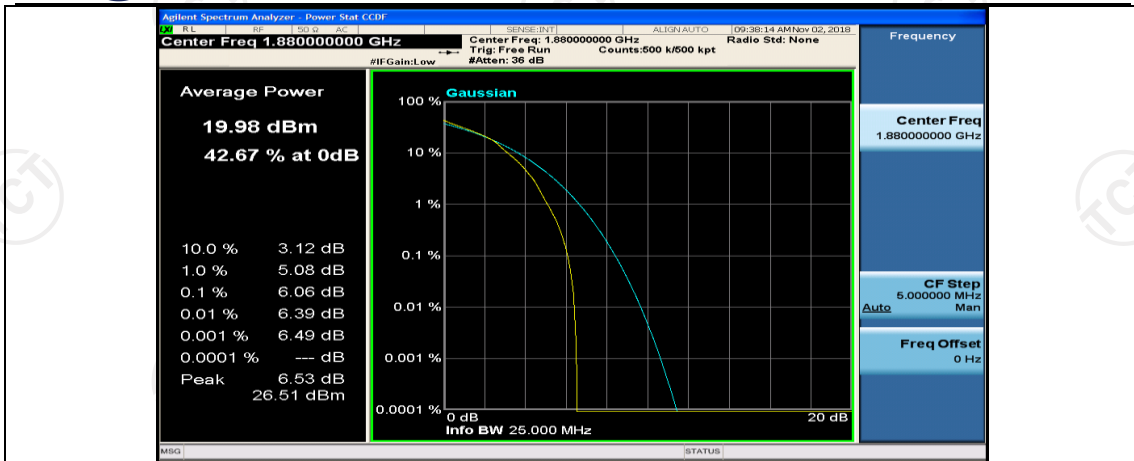
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#0



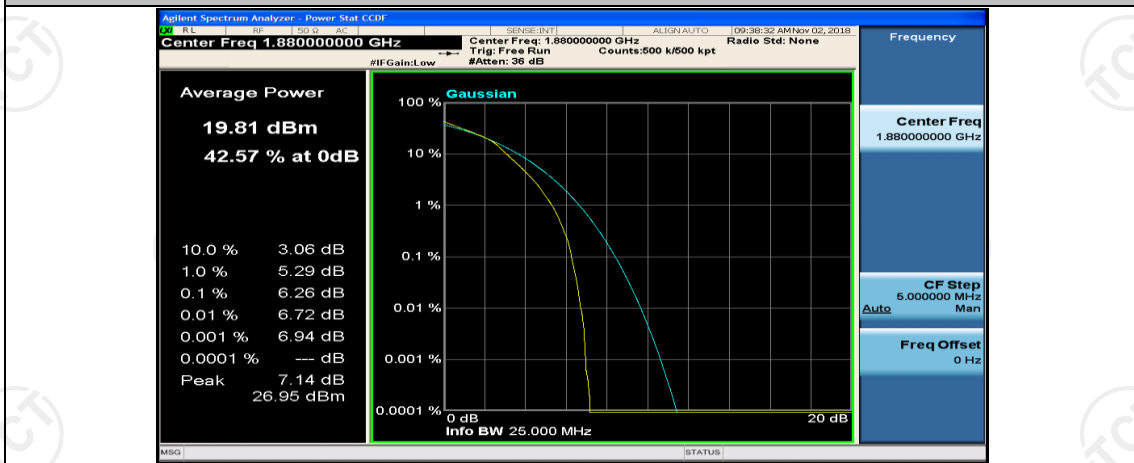
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#18



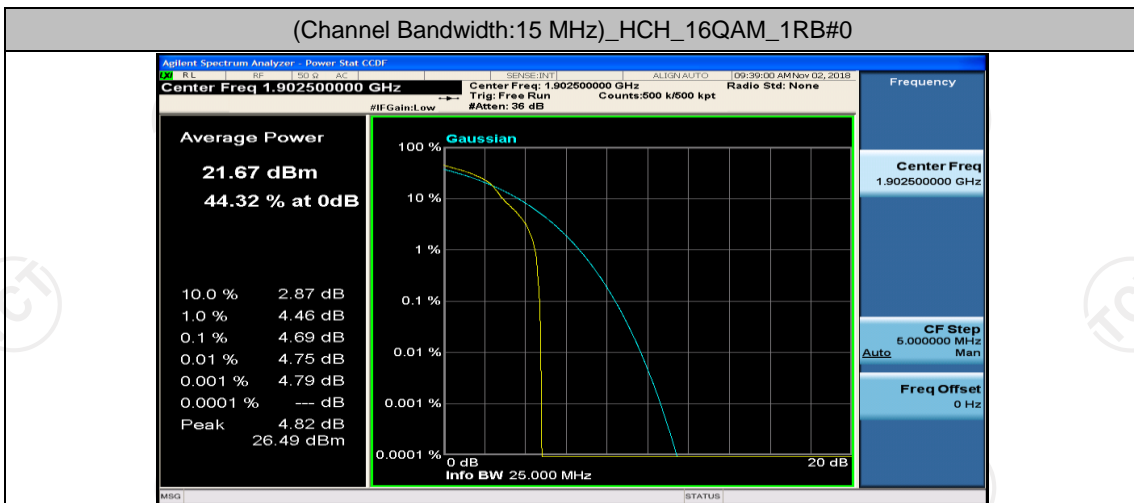
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#38



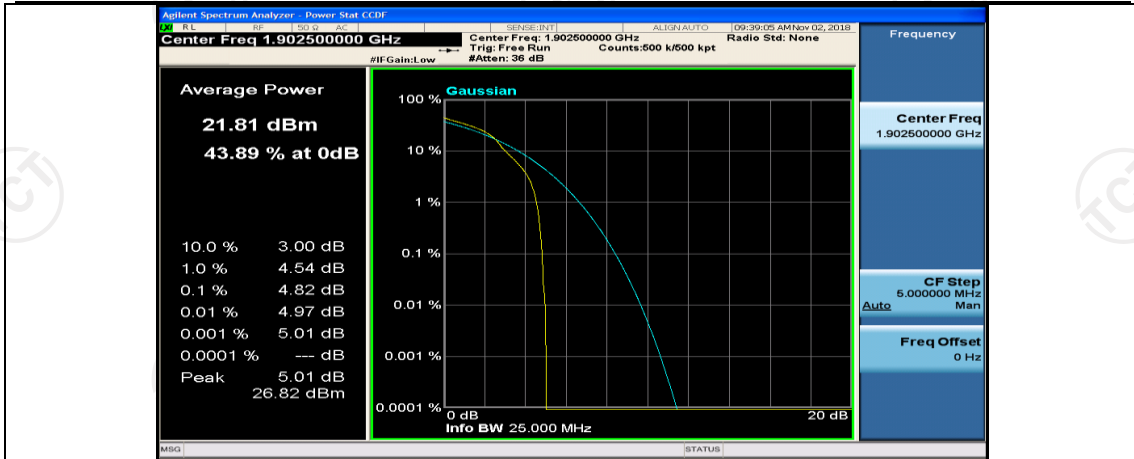
(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0



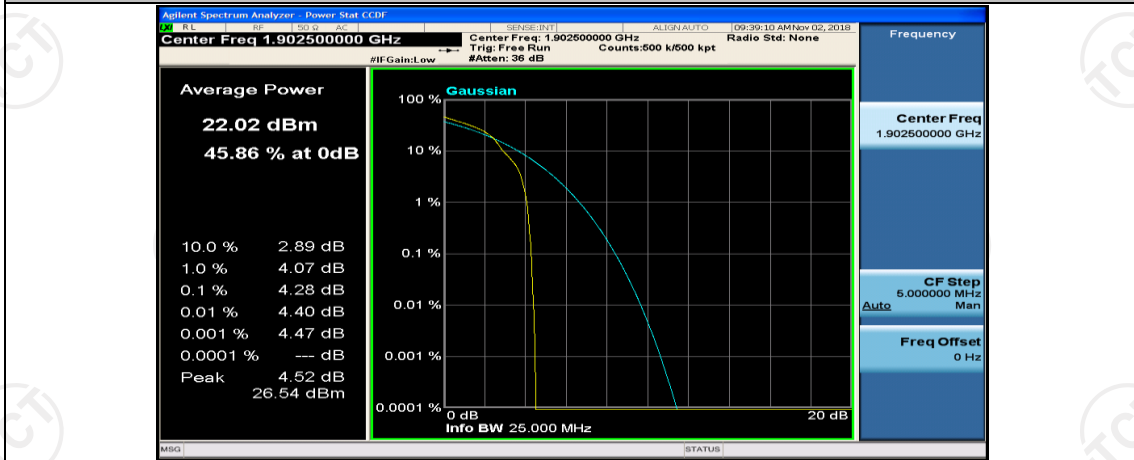
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0



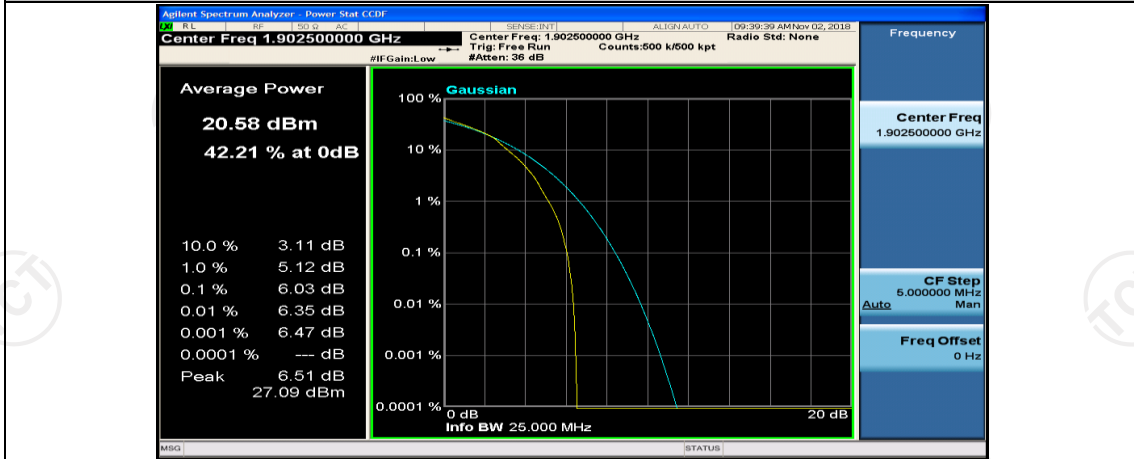
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37



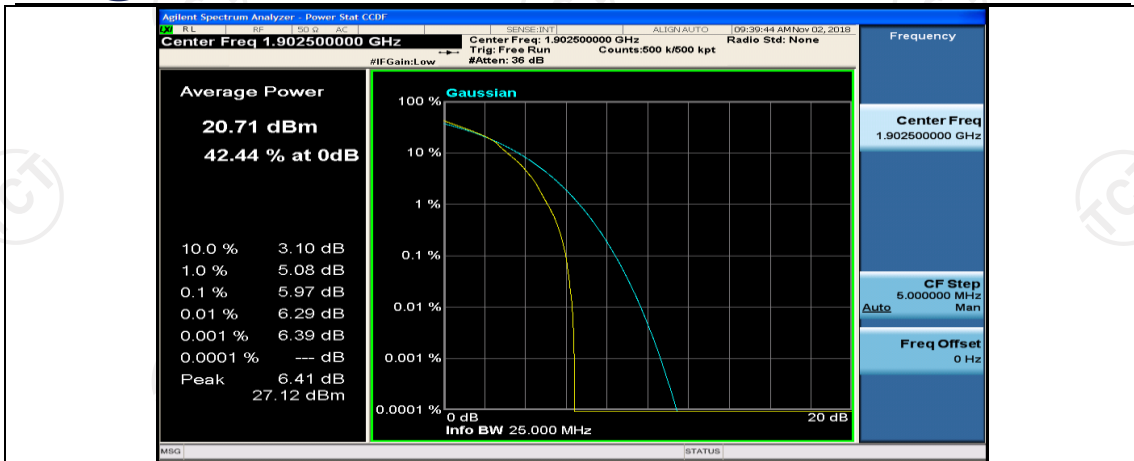
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#74



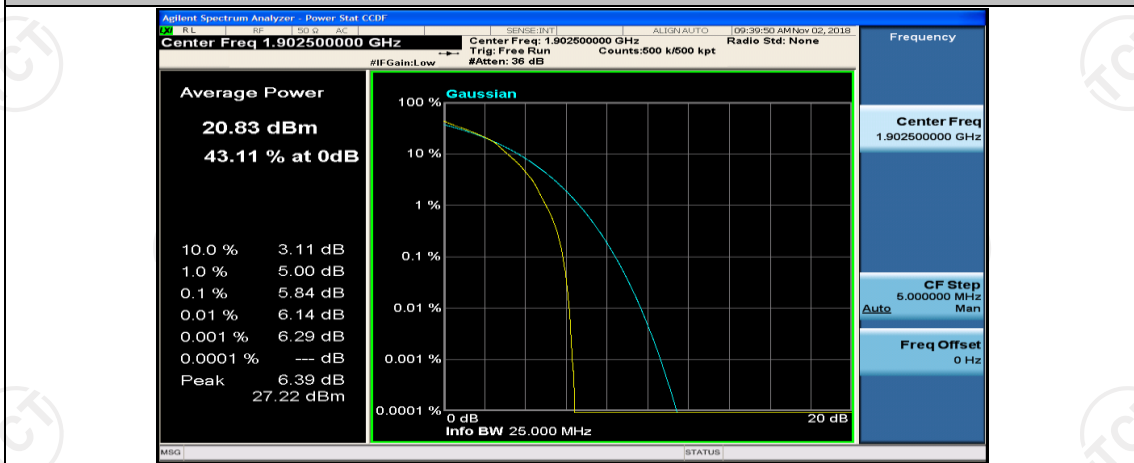
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#0



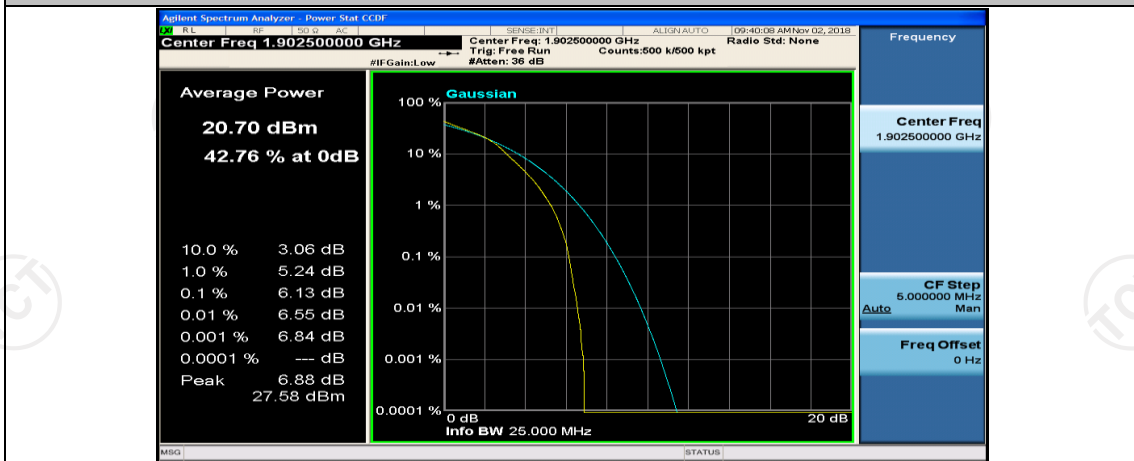
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#18



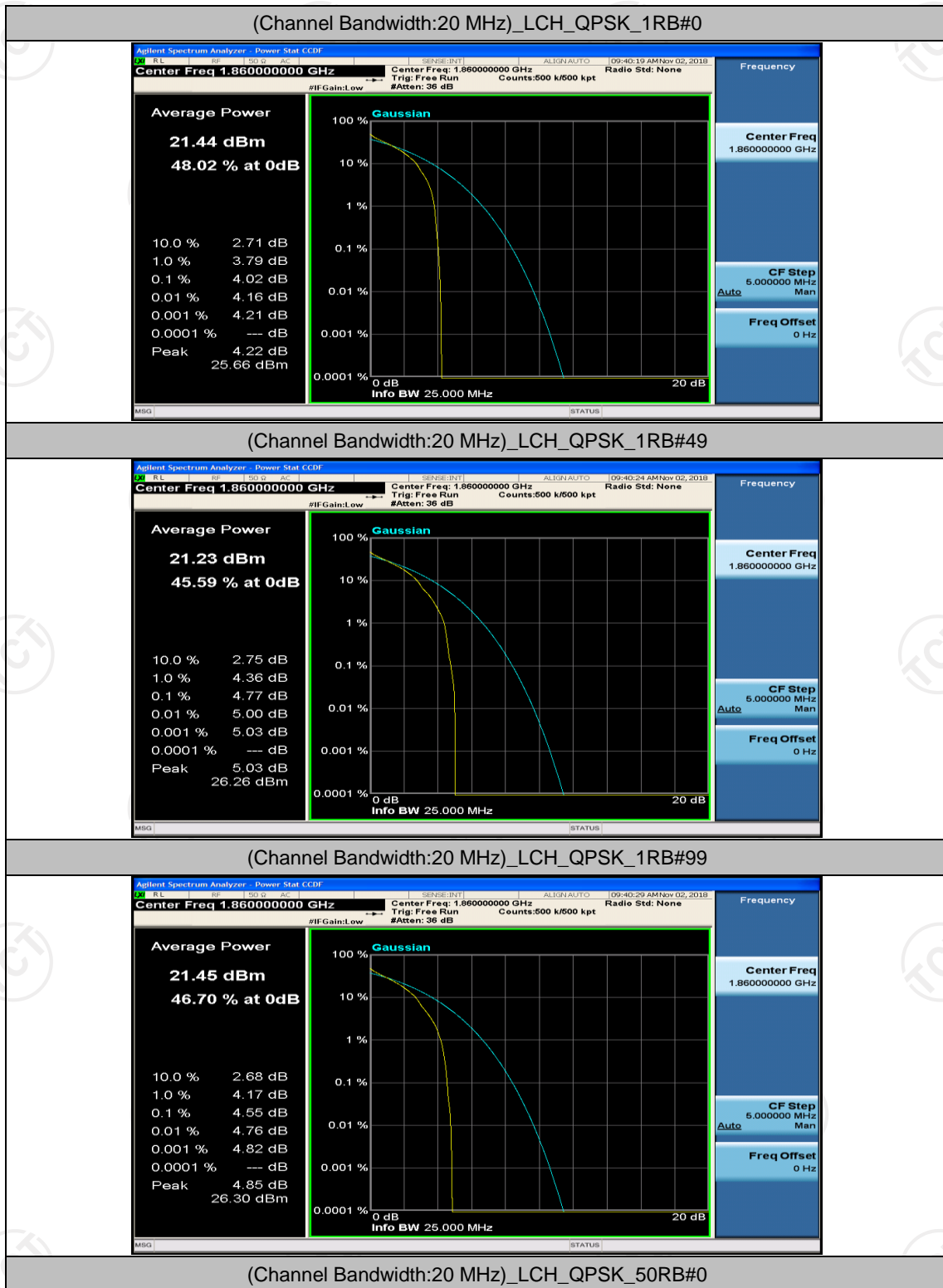
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#38

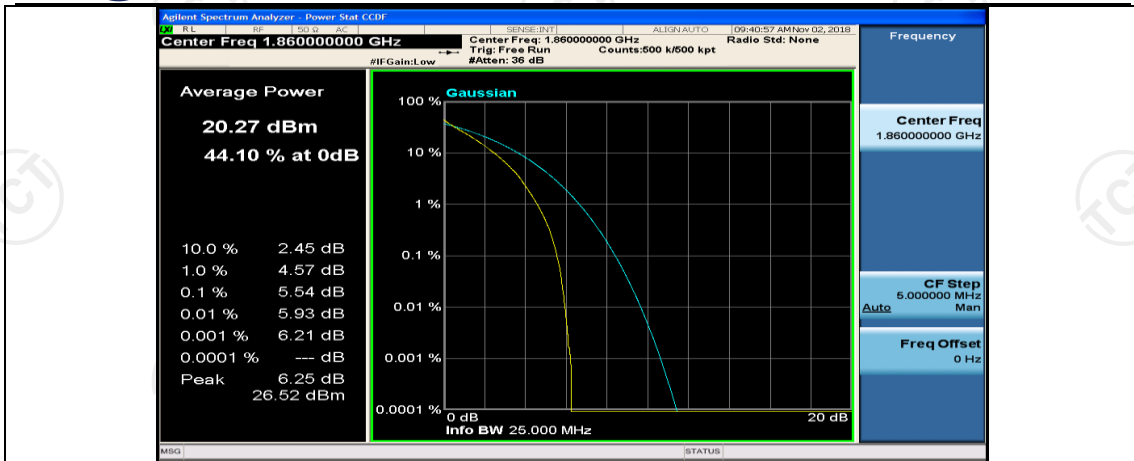


(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0

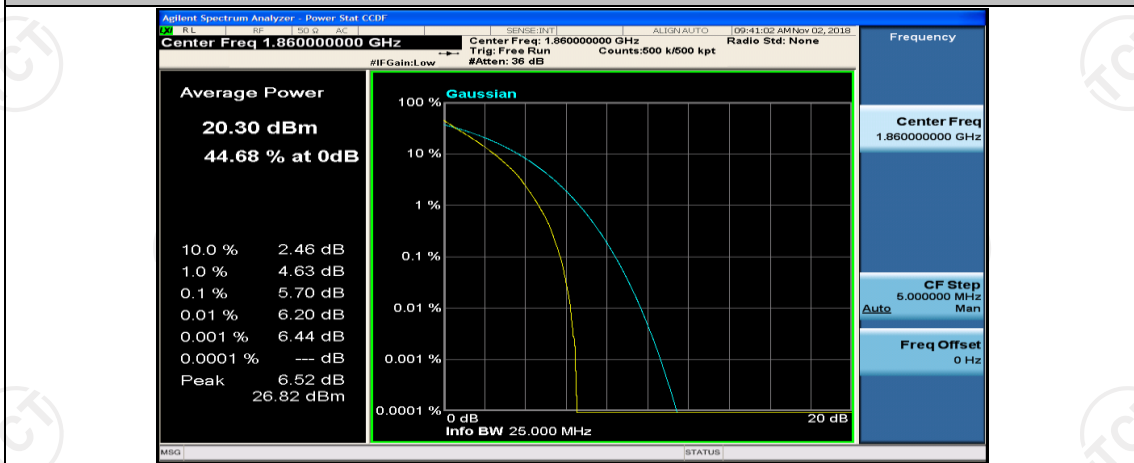


Channel Bandwidth: 20 MHz

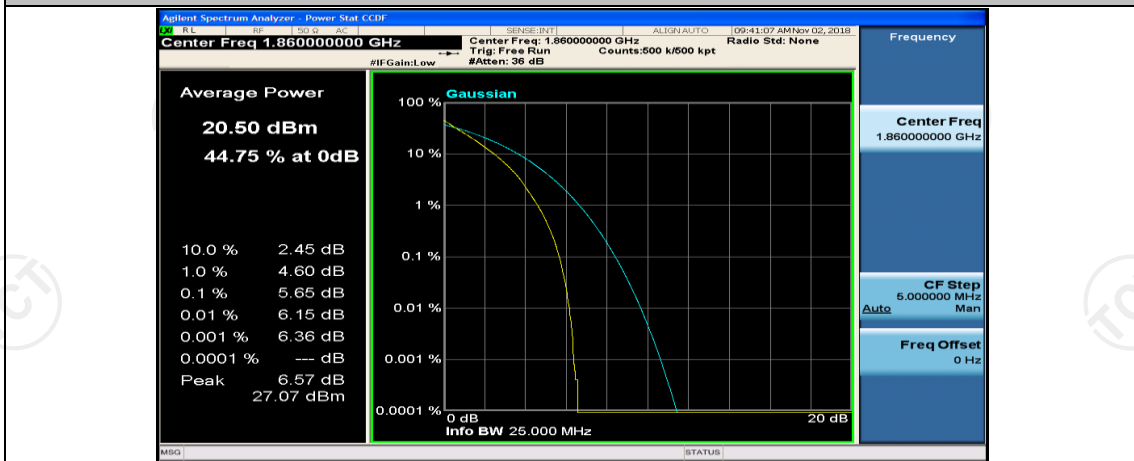




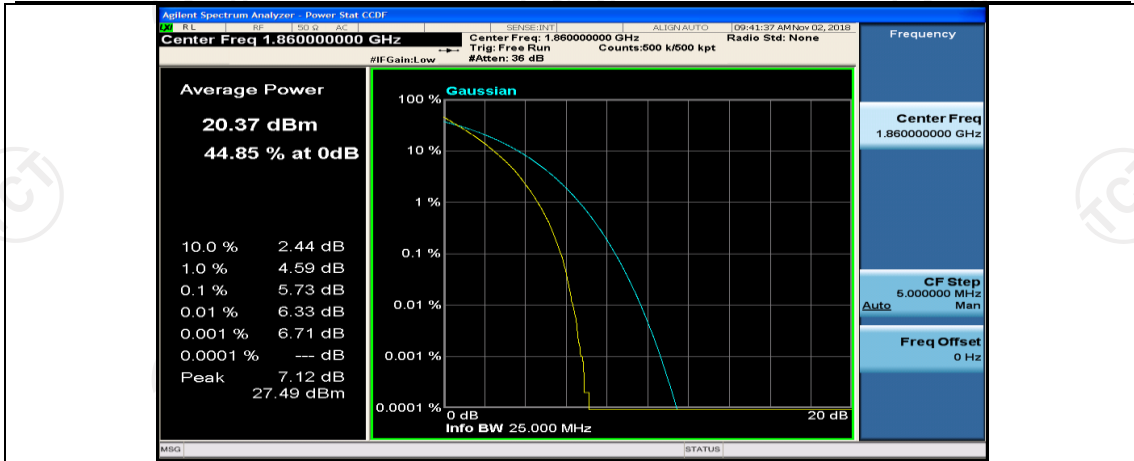
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#25



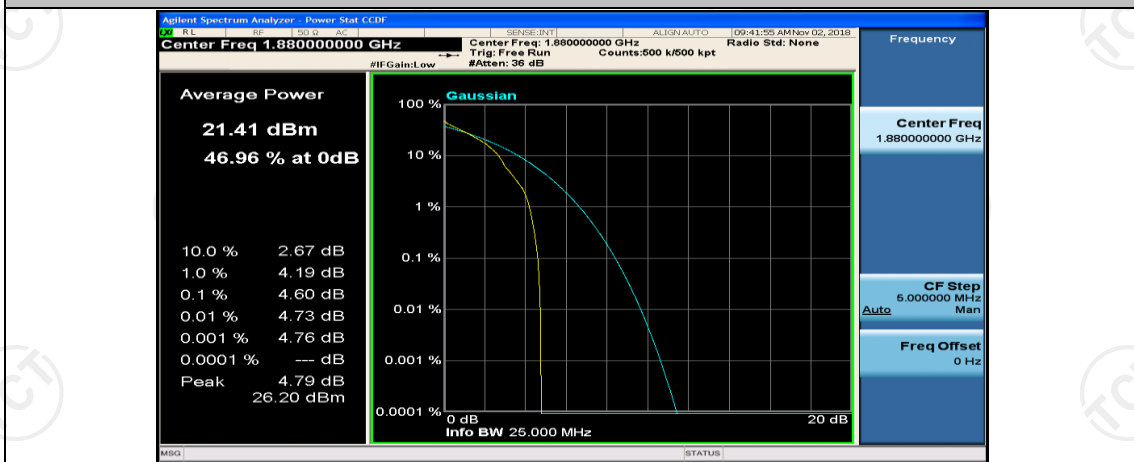
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#50



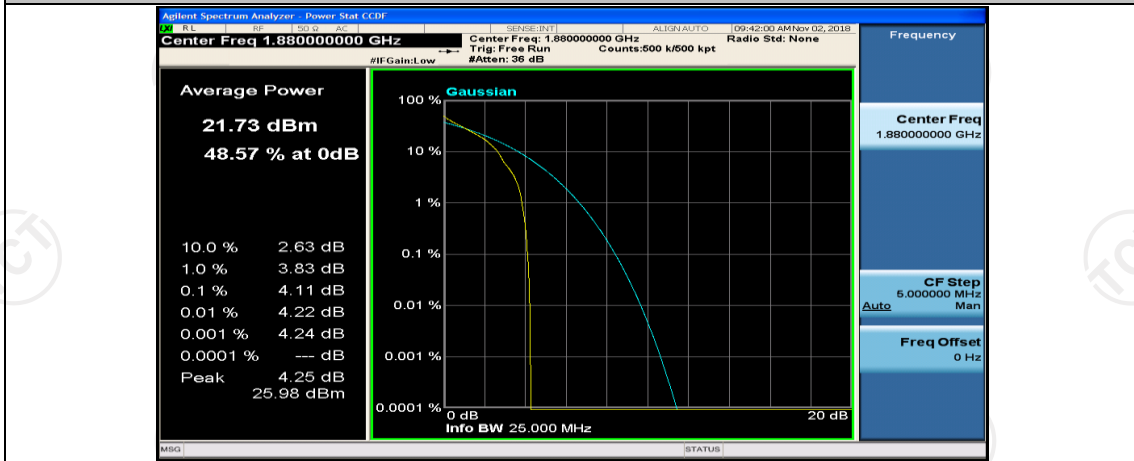
(Channel Bandwidth:20 MHz)_LCH_QPSK_100RB#0



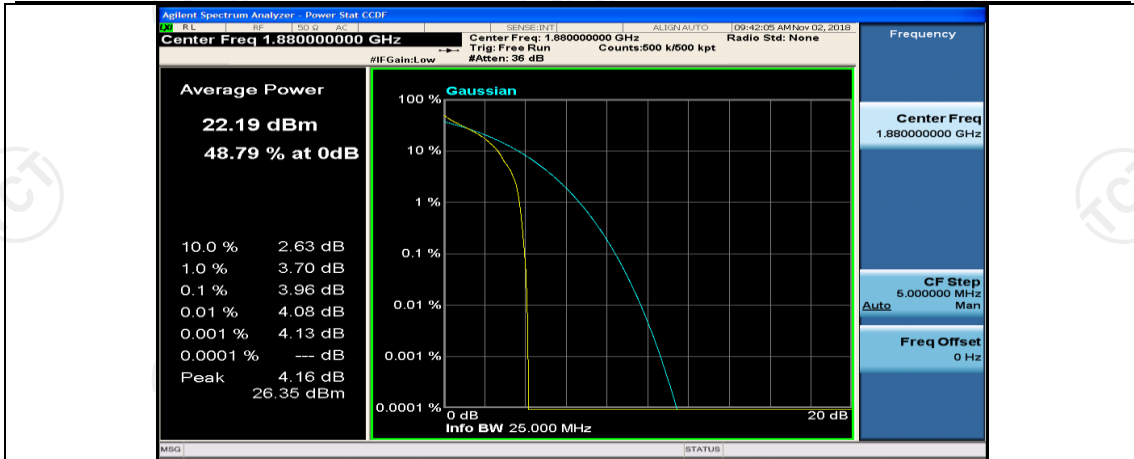
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0



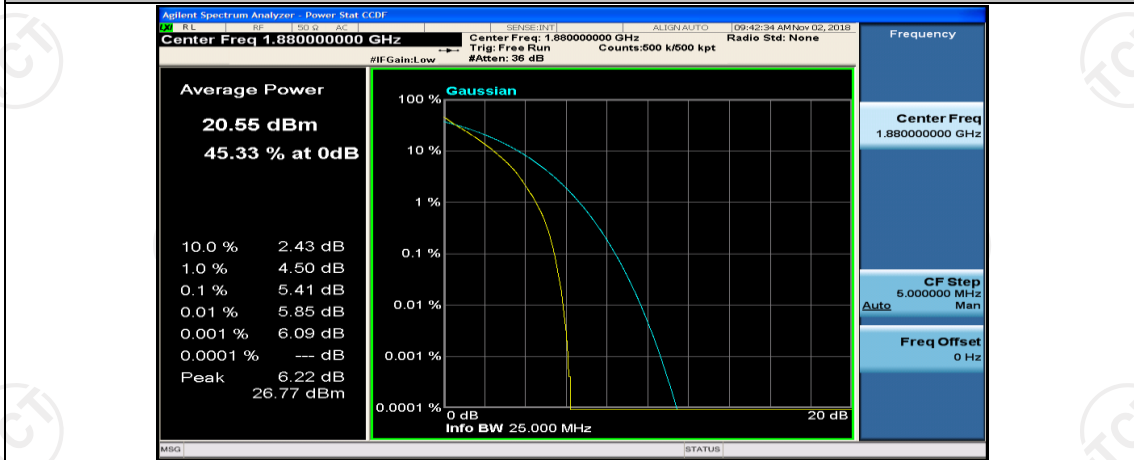
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49



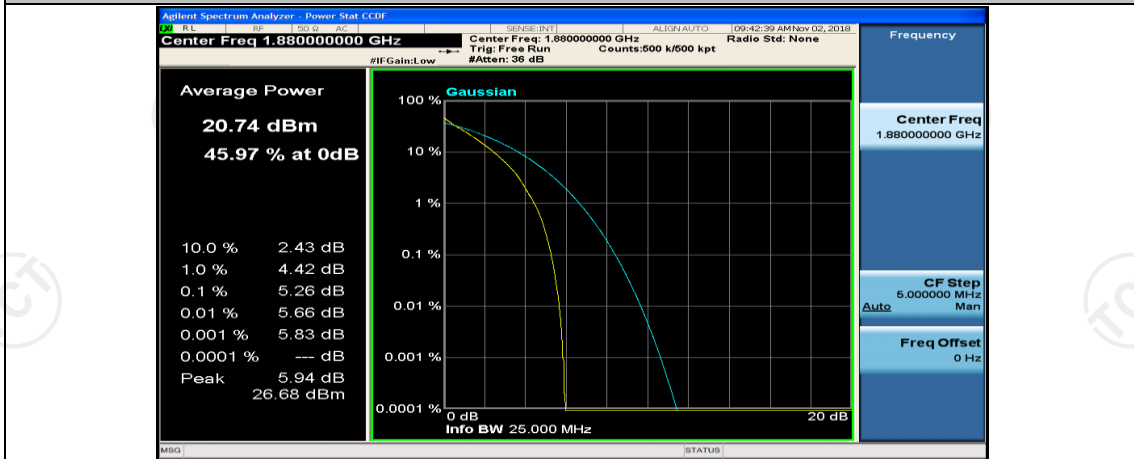
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#99



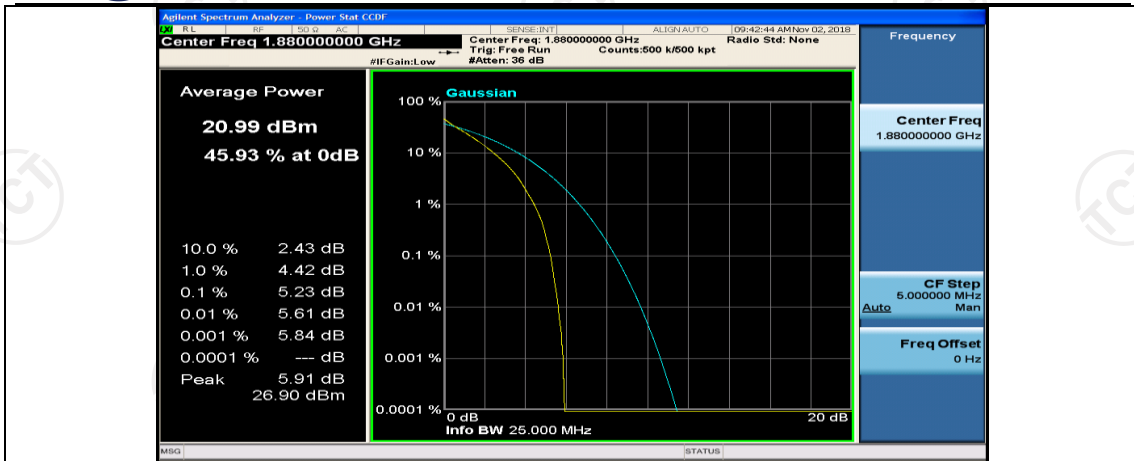
(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#0



(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#25



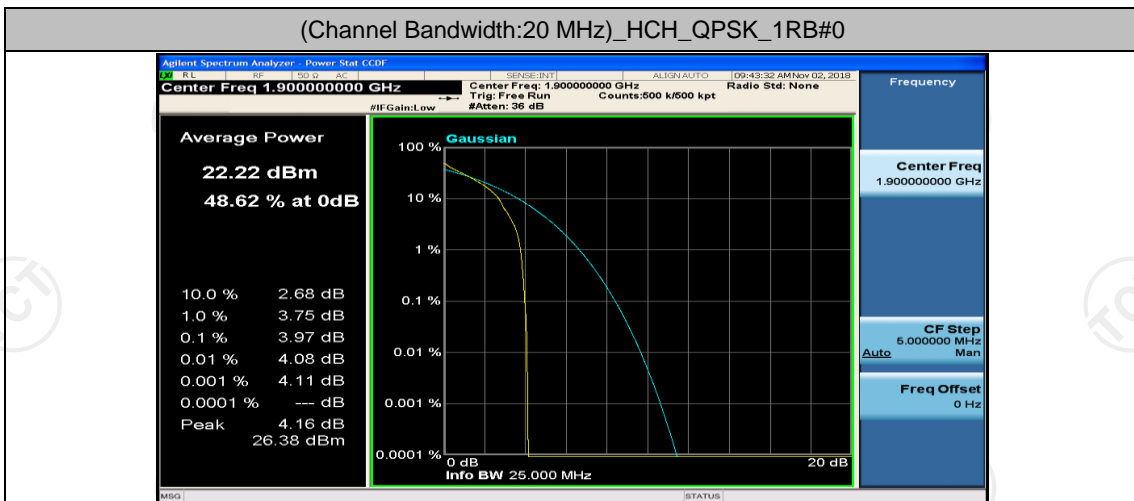
(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#50



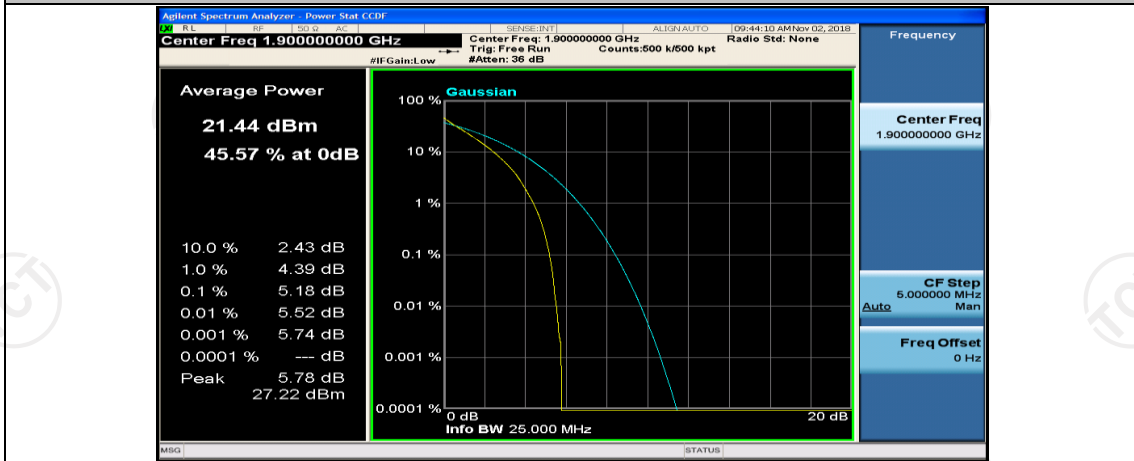
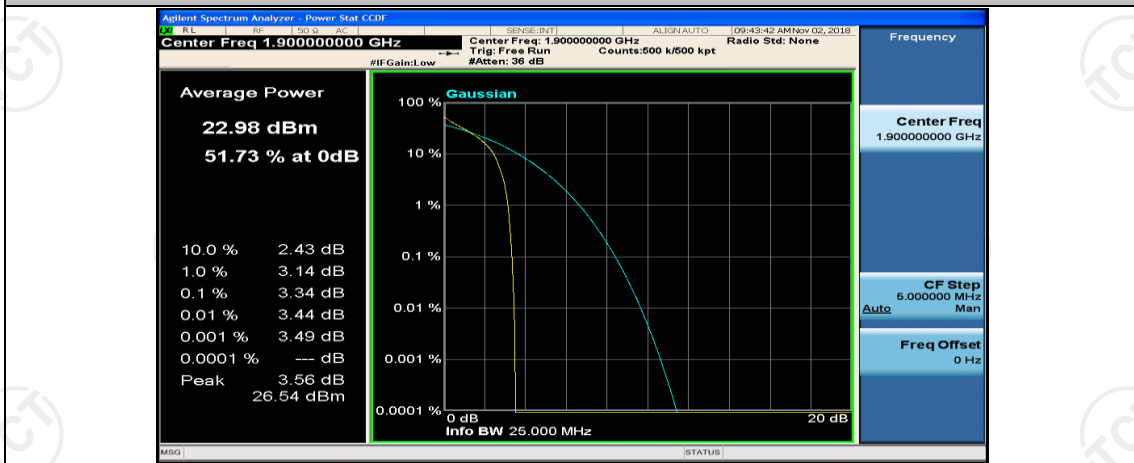
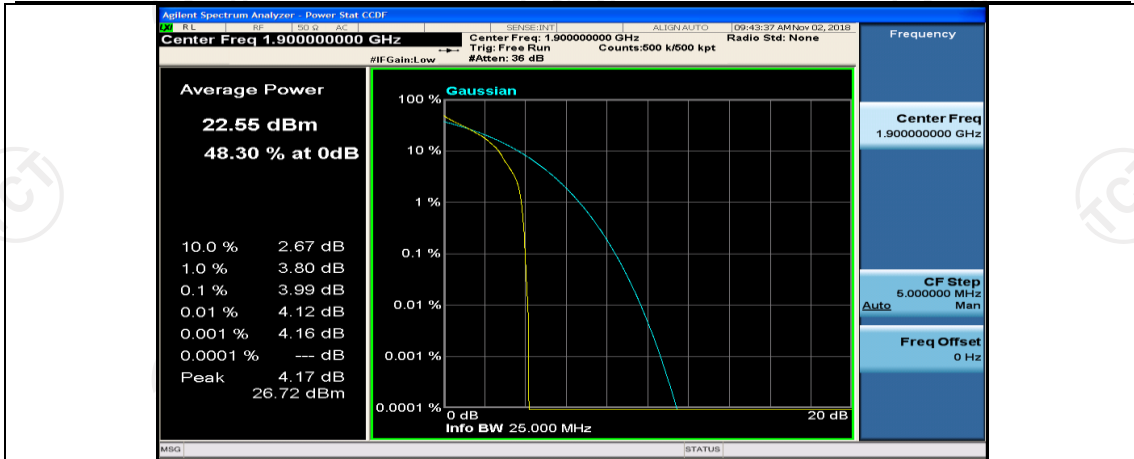
(Channel Bandwidth:20 MHz)_MCH_QPSK_100RB#0

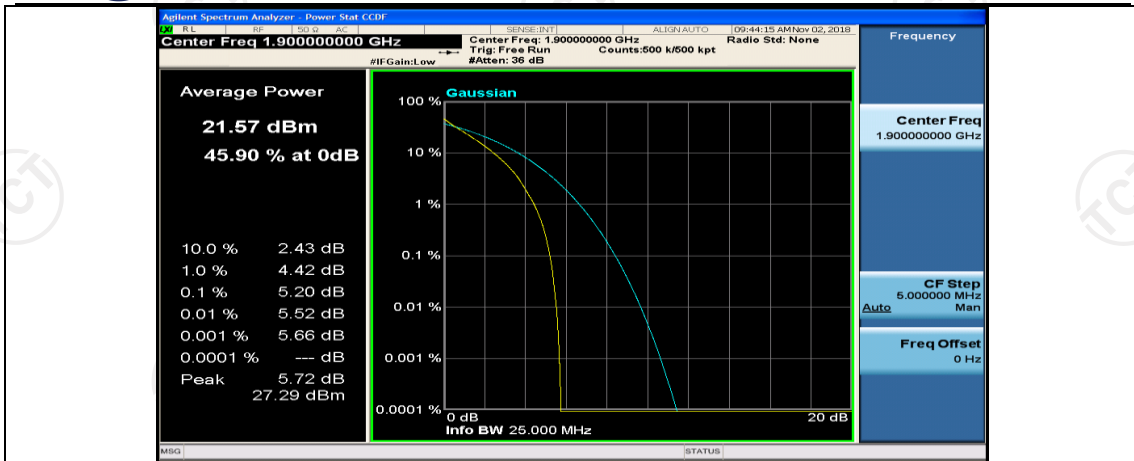


(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0

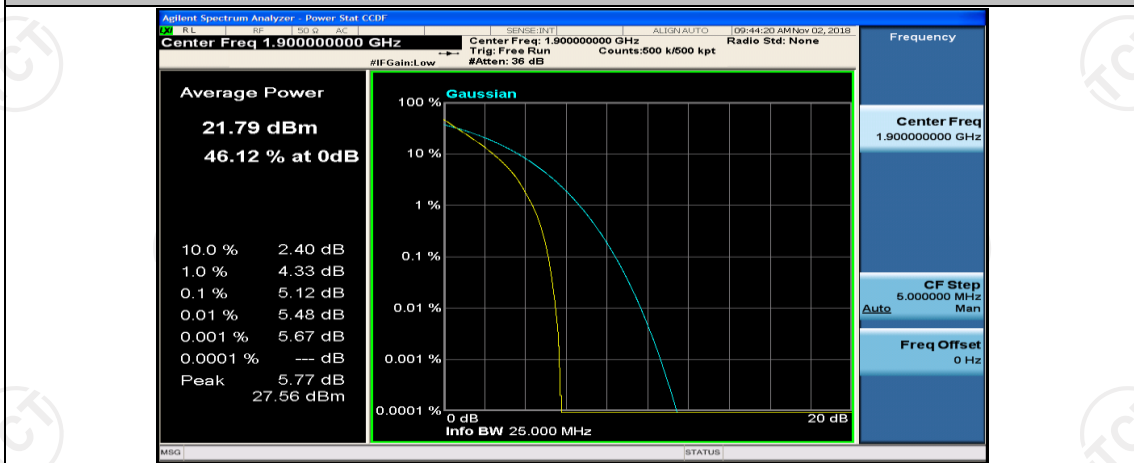


(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49

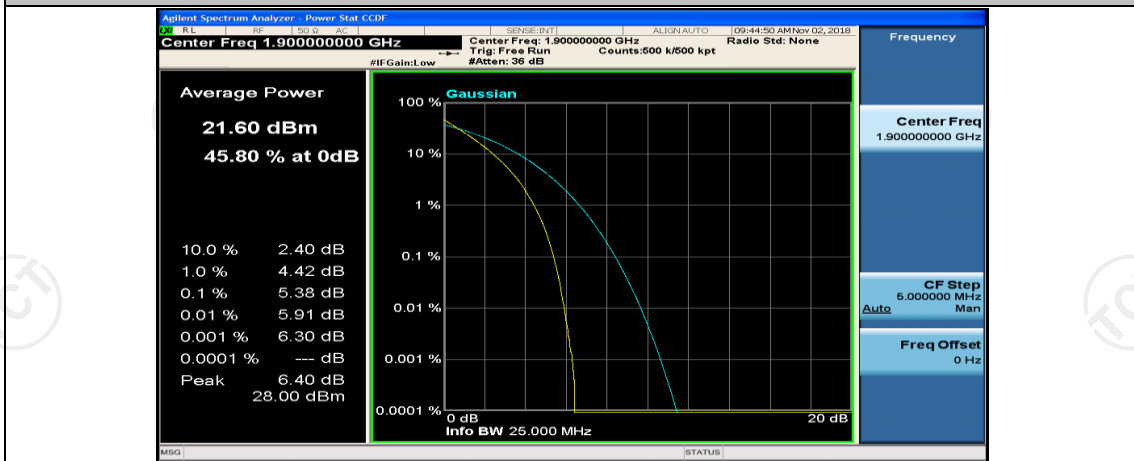




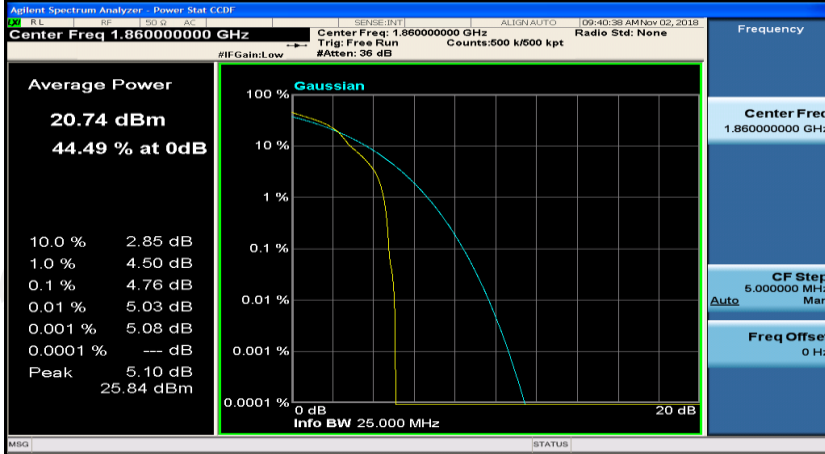
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#50



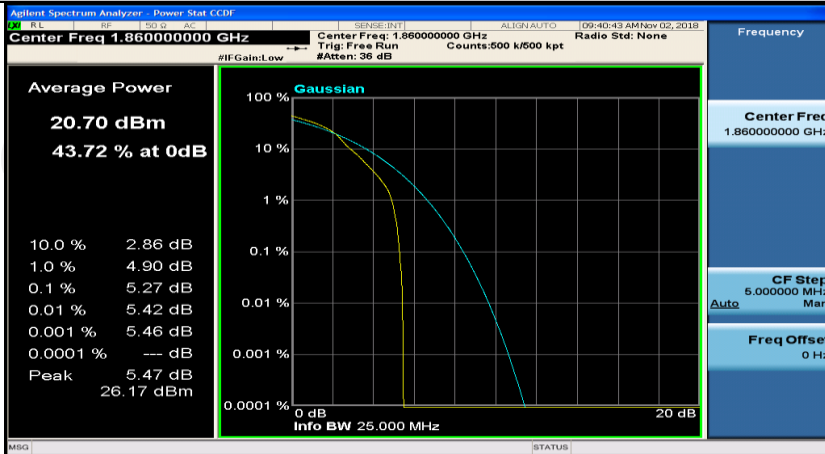
(Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0



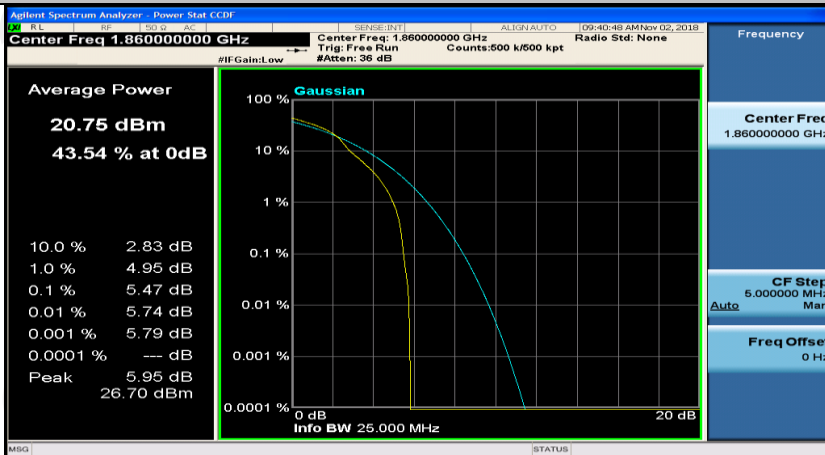
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0



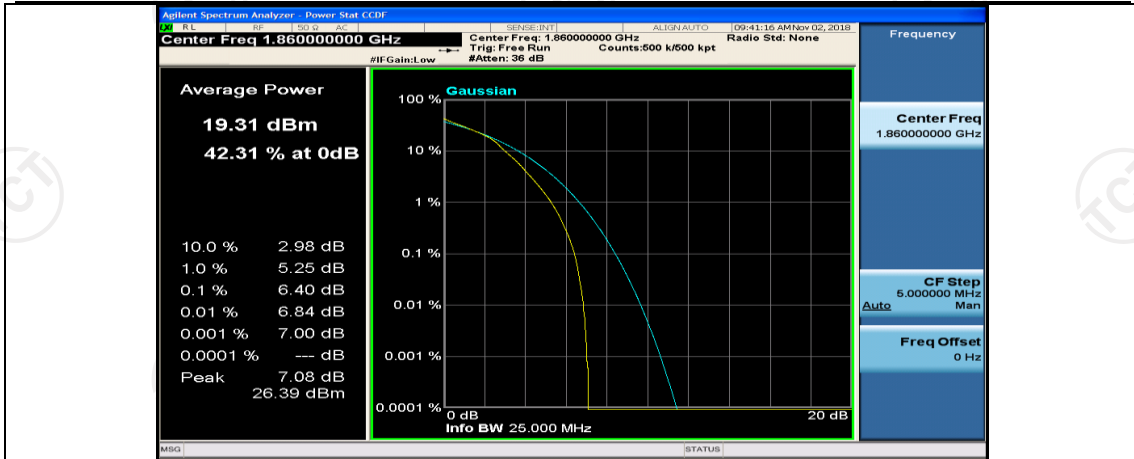
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#49



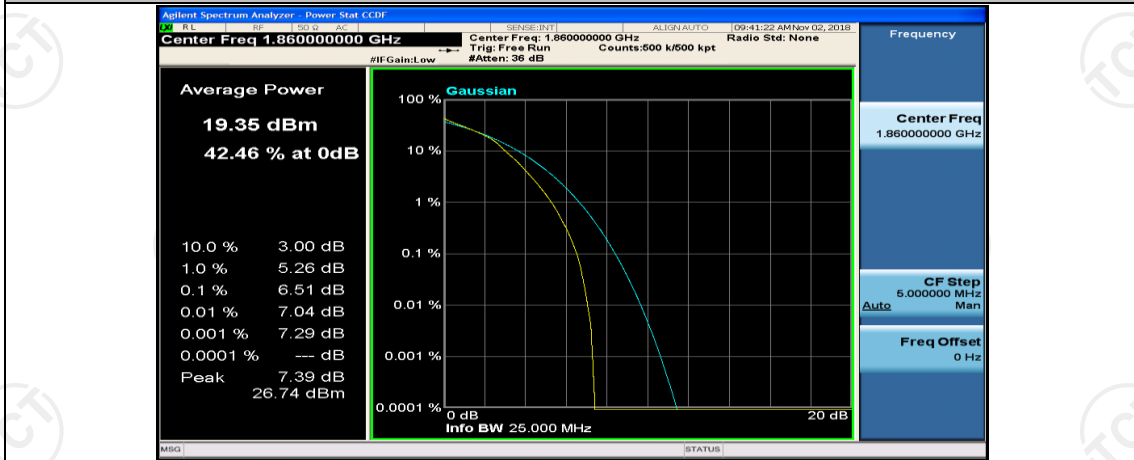
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#99



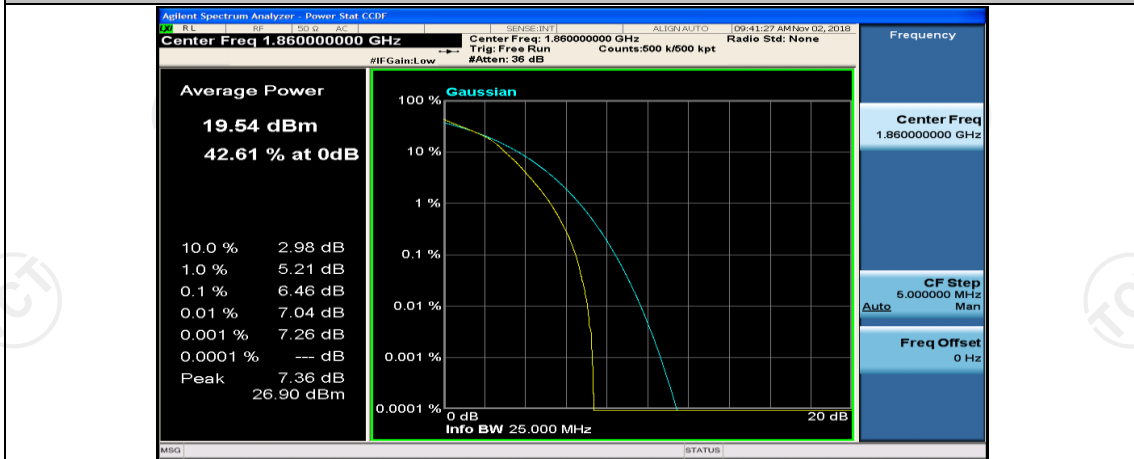
(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#0



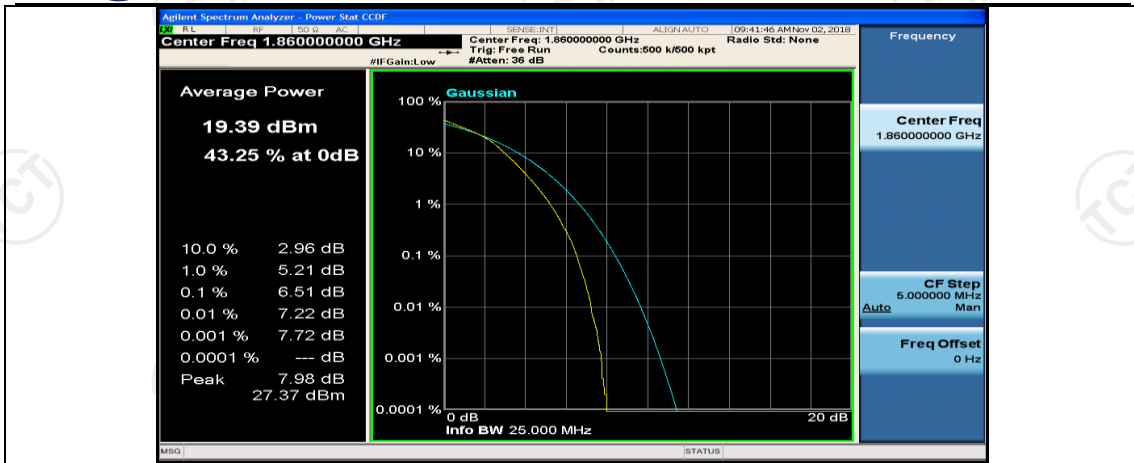
(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#25



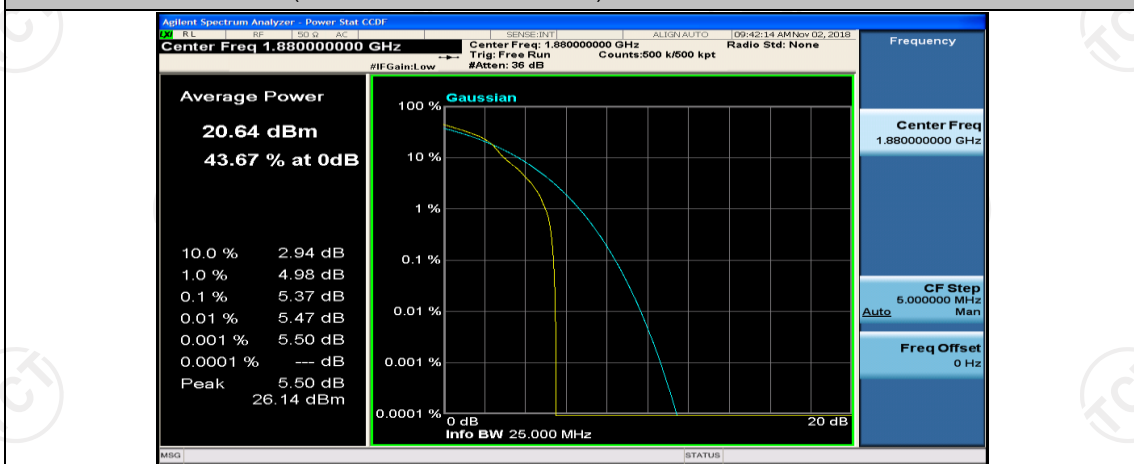
(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#50



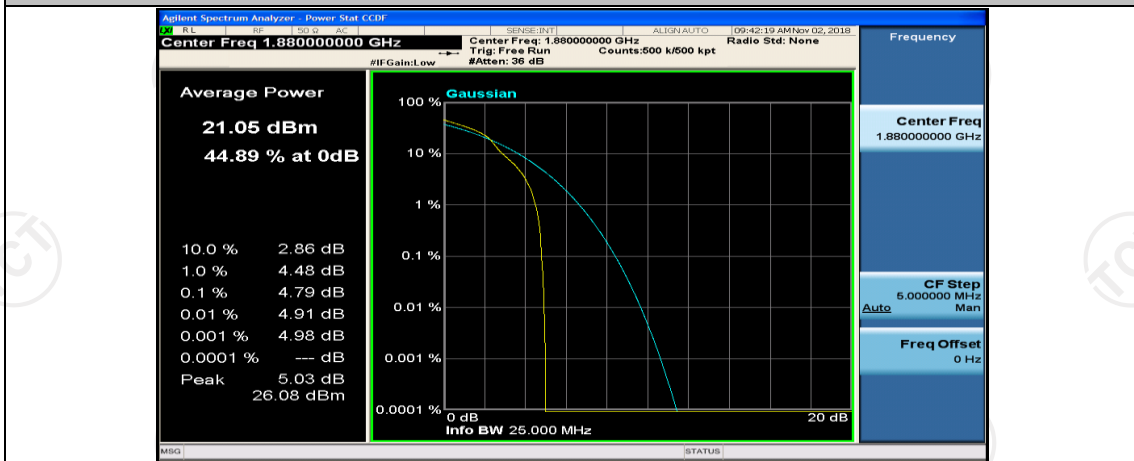
(Channel Bandwidth:20 MHz)_LCH_16QAM_100RB#0



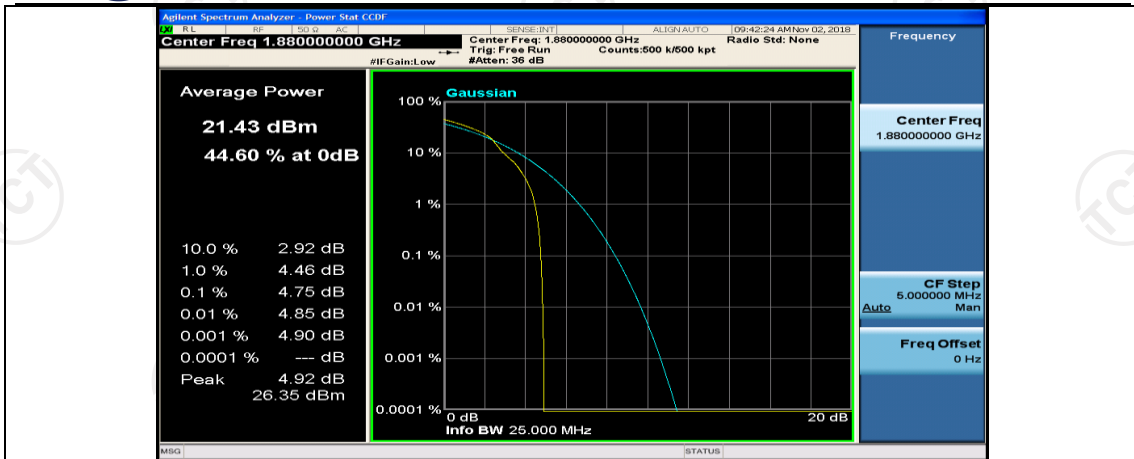
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0



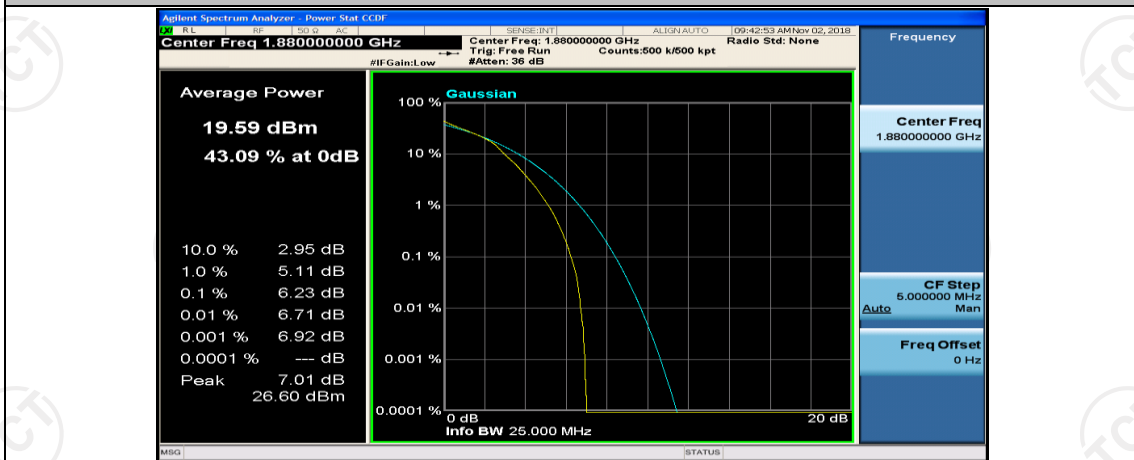
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49



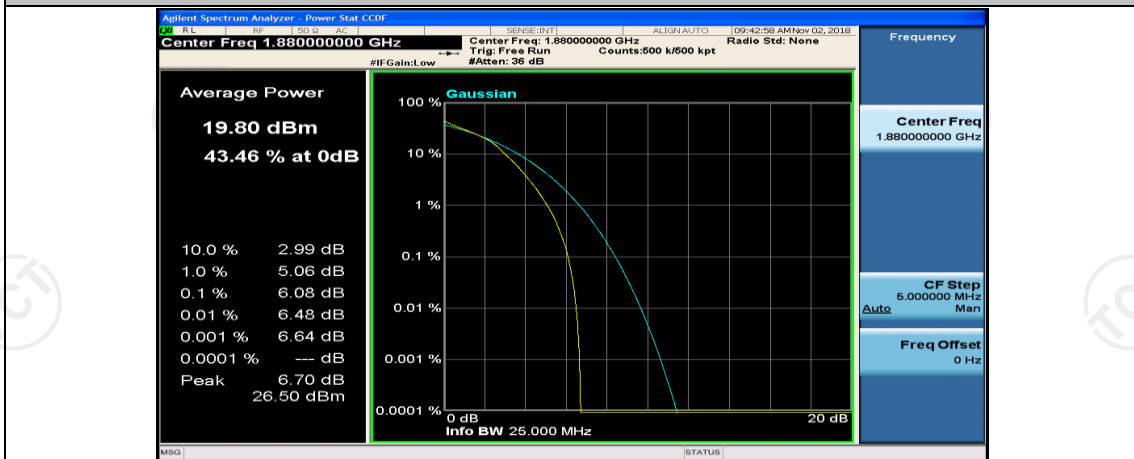
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#99



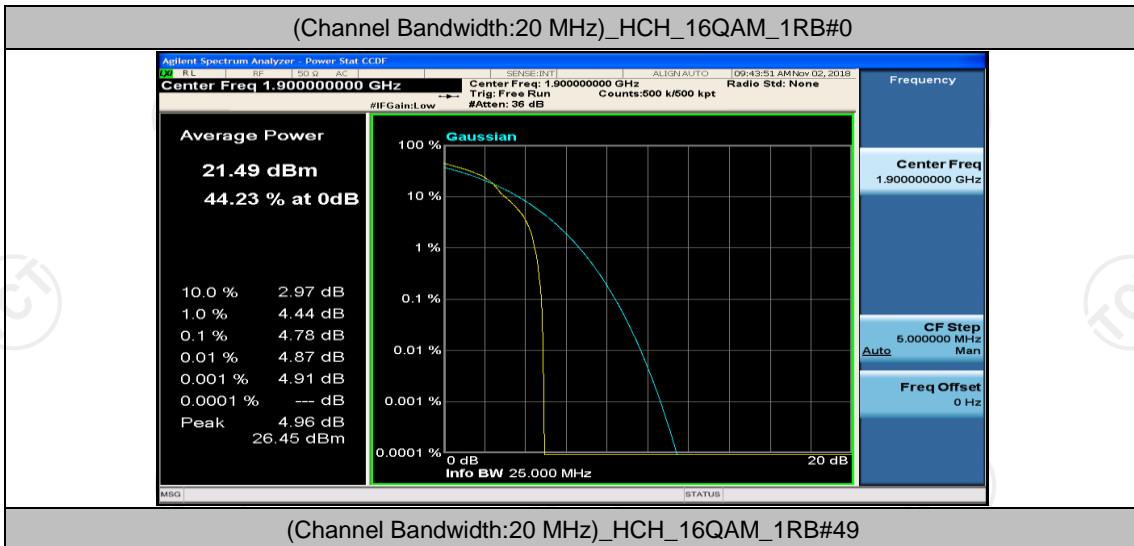
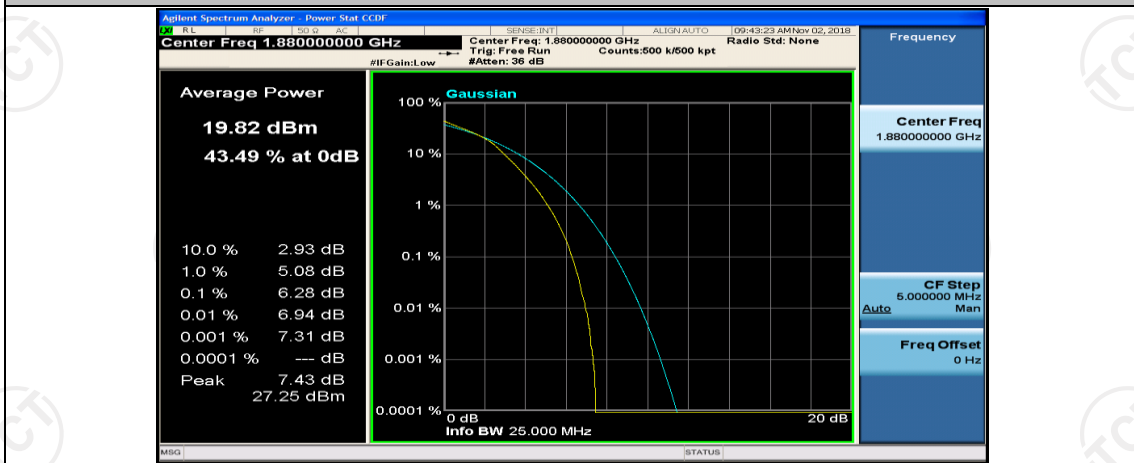
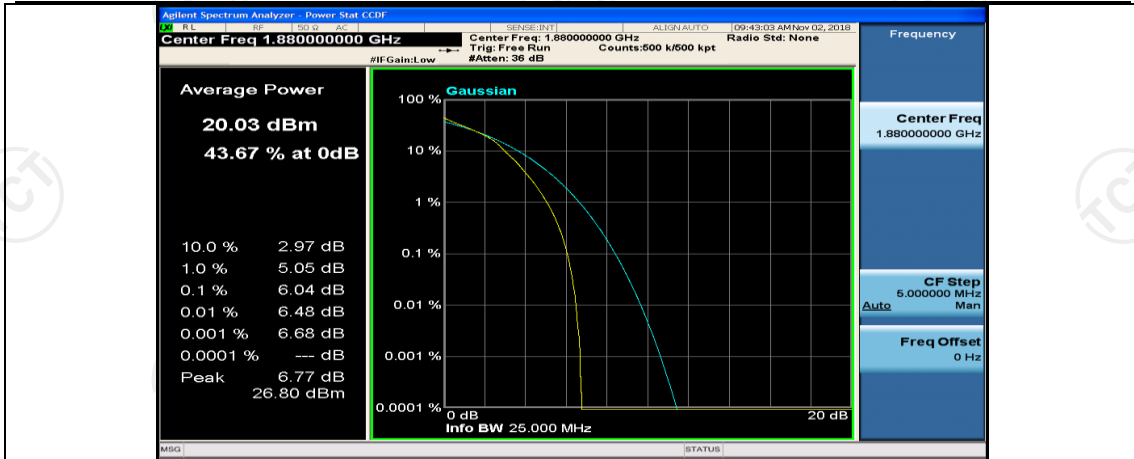
(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#0

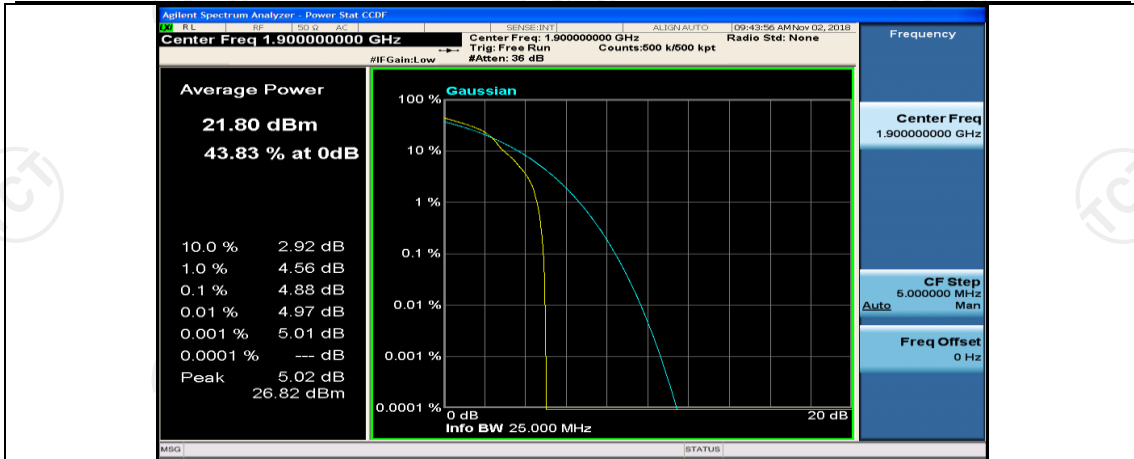


(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#25

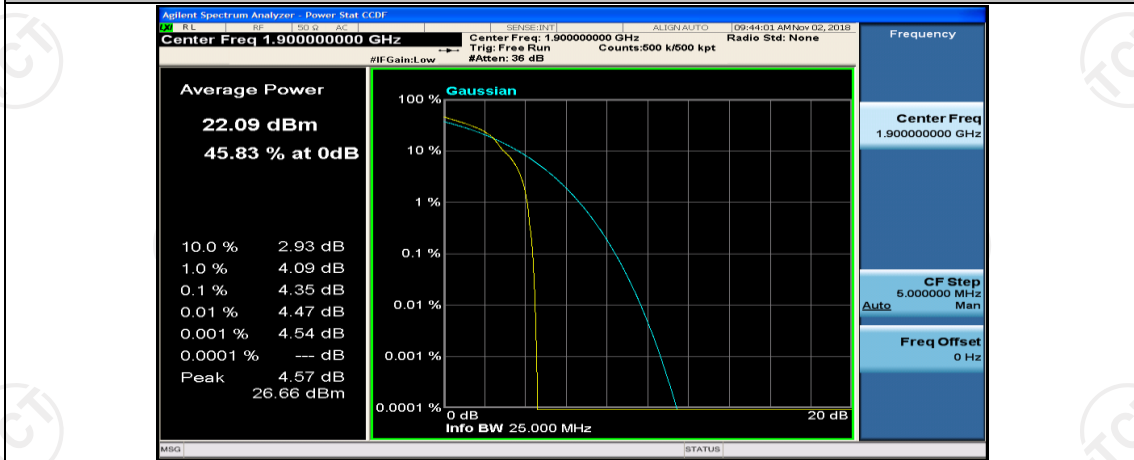


(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#50

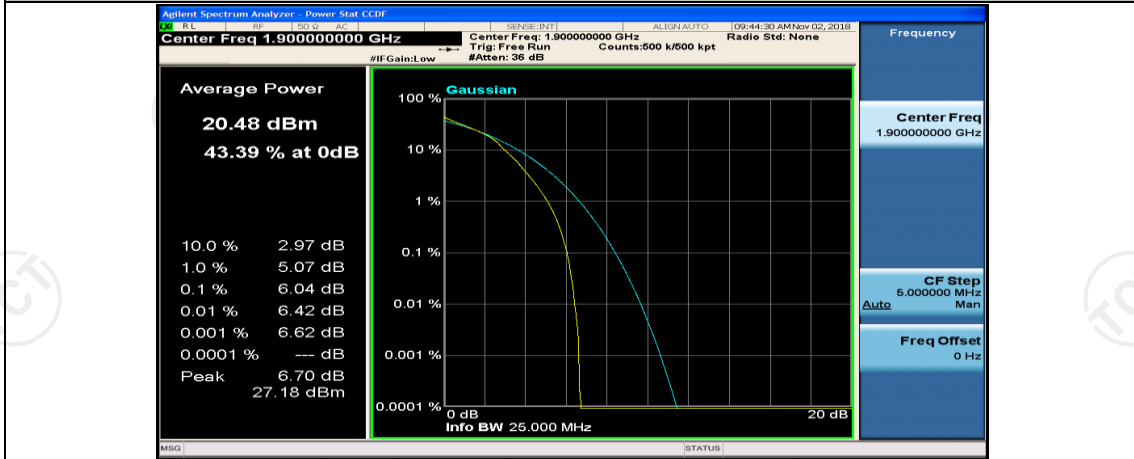




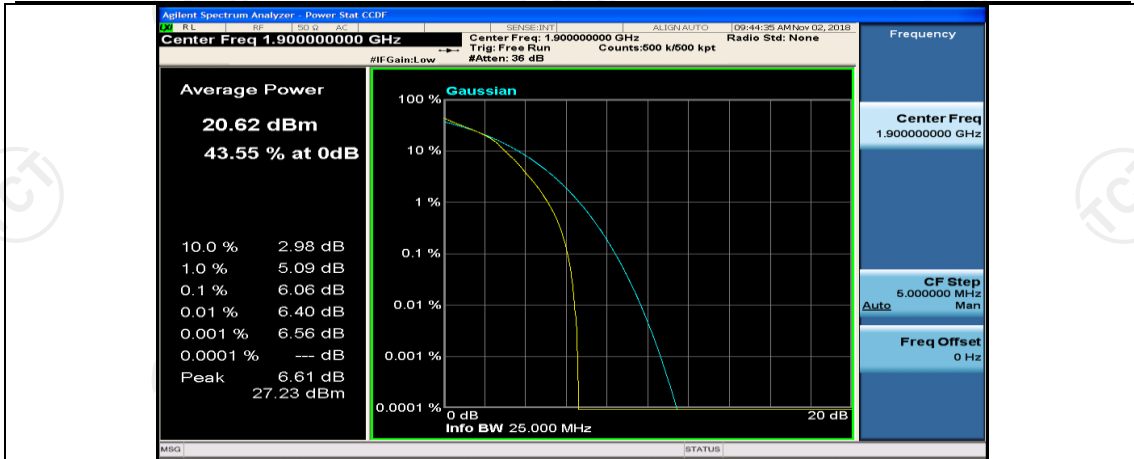
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#99



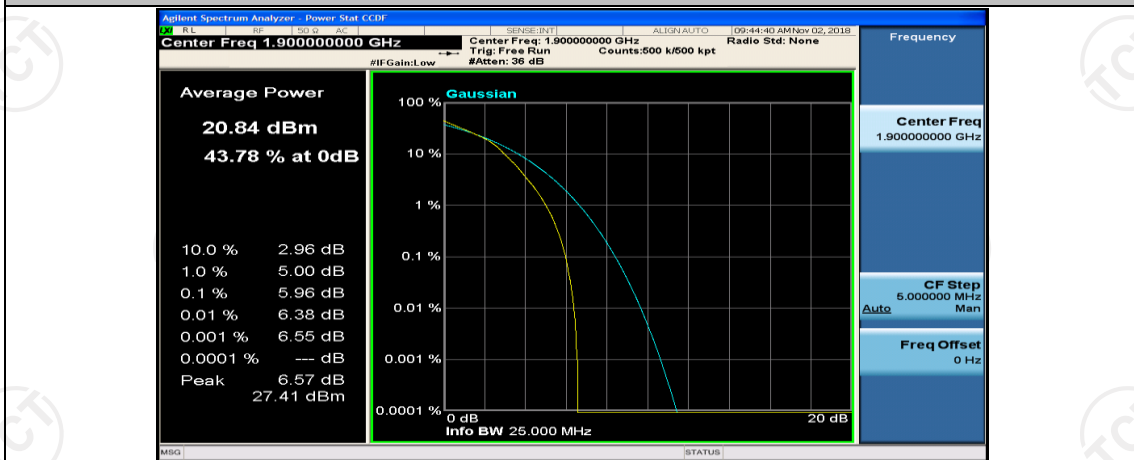
(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#0



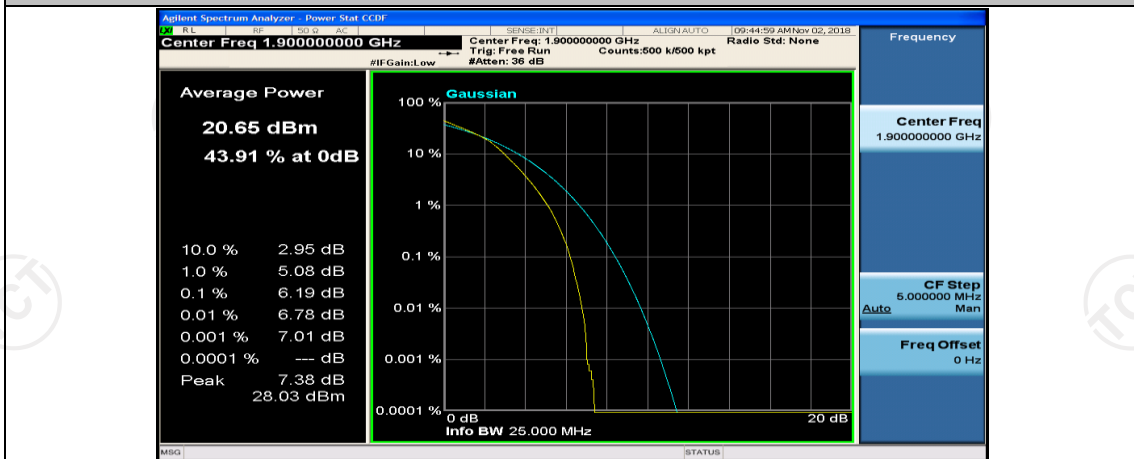
(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#25



(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#0



(Channel Bandwidth:20 MHz)_HCH_16QAM_100RB#0



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	1	0	0.22305	0.3491	PASS
		1	3	0.22760	0.3736	PASS
		1	5	0.21924	0.3467	PASS
		3	0	0.54960	0.7174	PASS
		3	2	0.55350	0.7374	PASS
		3	3	0.54861	0.7205	PASS
		6	0	1.0745	1.219	PASS
	MCH	1	0	0.21689	0.3458	PASS
		1	3	0.23219	0.3564	PASS
		1	5	0.89132	0.9511	PASS
		3	0	0.55091	0.7206	PASS
		3	2	0.55643	0.7567	PASS
		3	3	0.54997	0.7086	PASS
		6	0	1.0742	1.210	PASS
	HCH	1	0	0.22265	0.3413	PASS
		1	3	0.23337	0.3630	PASS
		1	5	0.22591	0.3330	PASS
		3	0	0.55072	0.6877	PASS
		3	2	0.55604	0.8191	PASS
		3	3	0.55581	0.7297	PASS
		6	0	1.0765	1.205	PASS
16QAM	LCH	1	0	0.22709	0.3607	PASS
		1	3	0.23931	0.3885	PASS
		1	5	0.23251	0.3795	PASS
		3	0	0.55565	0.7050	PASS
		3	2	0.55852	0.7493	PASS
		3	3	0.55830	0.7166	PASS
		6	0	1.0785	1.217	PASS
	MCH	1	0	0.21796	0.3460	PASS
		1	3	0.24143	0.3805	PASS

		1	5	0.23149	0.3433	PASS
		3	0	0.55270	0.7066	PASS
		3	2	0.56447	0.7632	PASS
		3	3	0.55643	0.7205	PASS
		6	0	1.0782	1.222	PASS
	HCH	1	0	0.22473	0.3454	PASS
		1	3	0.24923	0.4094	PASS
		1	5	0.22931	0.3536	PASS
		3	0	0.55265	0.7296	PASS
		3	2	0.55456	0.7712	PASS
		3	3	0.55054	0.7142	PASS
		6	0	1.0759	1.208	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz							
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict	
		Size	Offset				
QPSK	LCH	1	0	0.24718	0.3926	PASS	
		1	7	0.25996	0.4384	PASS	
		1	14	0.24705	0.3815	PASS	
		8	0	1.4411	1.651	PASS	
		8	4	1.4504	1.725	PASS	
		8	7	1.4440	1.661	PASS	
		15	0	2.6851	2.869	PASS	
	MCH	1	0	0.24618	0.3837	PASS	
		1	7	0.25279	0.4116	PASS	
		1	14	0.24174	0.3771	PASS	
		8	0	1.4486	1.665	PASS	
		8	4	1.4494	1.689	PASS	
		8	7	1.4460	1.671	PASS	
		15	0	2.6851	2.892	PASS	
	HCH	1	0	0.25266	0.3873	PASS	
		1	7	0.26248	0.3998	PASS	
		1	14	0.25133	0.4200	PASS	
		8	0	1.4524	1.662	PASS	
		8	4	1.4530	1.703	PASS	
		8	7	1.4513	1.662	PASS	
		15	0	2.6845	2.859	PASS	
	16QAM	LCH	1	0	0.24619	0.3886	PASS

		1	7	0.26485	0.4821	PASS
		1	14	0.24981	0.4057	PASS
		8	0	1.4453	1.686	PASS
		8	4	1.4518	1.742	PASS
		8	7	1.4492	1.668	PASS
		15	0	2.6814	2.885	PASS
	MCH	1	0	0.24659	0.3902	PASS
		1	7	0.26697	0.4004	PASS
		1	14	0.24548	0.3944	PASS
		8	0	1.4451	1.652	PASS
		8	4	1.4479	1.745	PASS
		8	7	1.4442	1.662	PASS
	HCH	15	0	2.6838	2.884	PASS
		1	0	0.24652	0.3846	PASS
		1	7	0.25890	0.4259	PASS
		1	14	0.25816	0.4050	PASS
		8	0	1.4483	1.659	PASS
		8	4	1.4470	1.663	PASS
		8	7	1.4486	1.660	PASS
	15	0	2.6819	2.866	PASS	

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.33161	0.5535	PASS
		1	12	0.34063	0.6092	PASS
		1	24	0.33792	0.5679	PASS
		12	0	2.1745	2.571	PASS
		12	6	2.1764	2.678	PASS
		12	13	2.1761	2.608	PASS
		25	0	4.4762	4.843	PASS
	MCH	1	0	0.32966	0.5575	PASS
		1	12	0.35751	0.5817	PASS
		1	24	0.33662	0.5590	PASS
		12	0	2.1797	2.554	PASS
		12	6	2.1802	2.663	PASS
		12	13	2.1772	2.547	PASS
		25	0	4.4752	4.839	PASS

	HCH	1	0	0.32531	0.5572	PASS
		1	12	0.35467	0.5857	PASS
		1	24	0.33587	0.5599	PASS
		12	0	2.1696	2.545	PASS
		12	6	2.1713	2.562	PASS
		12	13	2.1712	2.539	PASS
		25	0	4.4731	4.775	PASS
16QAM	LCH	1	0	0.35254	0.5621	PASS
		1	12	0.37500	0.6050	PASS
		1	24	0.36331	0.6113	PASS
		12	0	2.1776	2.534	PASS
		12	6	2.1834	2.677	PASS
		12	13	2.1790	2.529	PASS
		25	0	4.4833	4.794	PASS
	MCH	1	0	0.32186	0.4592	PASS
		1	12	0.34984	0.5431	PASS
		1	24	0.32835	0.5208	PASS
		12	0	2.1770	2.613	PASS
		12	6	2.1828	2.634	PASS
		12	13	2.1822	2.614	PASS
		25	0	4.4770	4.761	PASS
	HCH	1	0	0.33193	0.5126	PASS
		1	12	0.37686	0.5979	PASS
		1	24	0.33965	0.5134	PASS
		12	0	2.1761	2.565	PASS
		12	6	2.1763	2.705	PASS
		12	13	2.1768	2.557	PASS
		25	0	4.4683	4.838	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.43126	0.6660	PASS
		1	25	0.43987	0.6882	PASS
		1	49	0.42152	0.6542	PASS
		25	0	4.5160	4.977	PASS
		25	12	4.5155	5.070	PASS
		25	25	4.5225	4.977	PASS
		50	0	8.9431	9.539	PASS
	MCH	1	0	0.42000	0.6543	PASS

		1	25	0.45500	0.7238	PASS	
		1	49	0.43327	0.6805	PASS	
		25	0	4.5134	5.042	PASS	
		25	12	4.5131	5.065	PASS	
		25	25	4.5035	5.048	PASS	
		50	0	8.9300	9.456	PASS	
	HCH	1	0	0.44058	0.6923	PASS	
		1	25	0.46155	0.7358	PASS	
		1	49	0.45805	0.6773	PASS	
		25	0	4.5068	4.971	PASS	
		25	12	4.5127	5.080	PASS	
		25	25	4.5051	5.022	PASS	
	16QAM	LCH	1	0	0.44178	0.6760	PASS
			1	25	0.43536	0.6276	PASS
1			49	0.42954	0.6324	PASS	
25			0	4.5176	5.040	PASS	
25			12	4.5118	5.039	PASS	
25			25	4.5115	4.986	PASS	
50			0	8.9469	9.470	PASS	
MCH		1	0	0.43722	0.7024	PASS	
		1	25	0.44485	0.6476	PASS	
		1	49	0.43164	0.6640	PASS	
		25	0	4.5164	5.087	PASS	
		25	12	4.5160	5.213	PASS	
		25	25	4.5091	5.083	PASS	
		50	0	8.9447	9.443	PASS	
HCH		1	0	0.44090	0.7302	PASS	
		1	25	0.46709	0.6947	PASS	
		1	49	0.44661	0.6701	PASS	
		25	0	4.5139	5.033	PASS	
		25	12	4.5099	5.218	PASS	
		25	25	4.5026	5.101	PASS	
		50	0	8.9264	9.435	PASS	

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.52496	0.7914	PASS

		1	37	0.53945	0.8074	PASS	
		1	74	0.53063	0.7995	PASS	
		37	0	6.5015	7.176	PASS	
		37	18	6.5004	7.272	PASS	
		37	38	6.5021	7.200	PASS	
		75	0	13.410	14.09	PASS	
	MCH	1	0	0.52386	0.8002	PASS	
		1	37	0.53515	0.8054	PASS	
		1	74	0.52316	0.8051	PASS	
		37	0	6.4844	7.113	PASS	
		37	18	6.4814	7.182	PASS	
		37	38	6.4831	7.226	PASS	
	HCH	75	0	13.398	14.09	PASS	
		1	0	0.53726	0.7933	PASS	
		1	37	0.53986	0.8256	PASS	
		1	74	0.52771	0.7832	PASS	
		37	0	6.4958	7.083	PASS	
		37	18	6.4878	7.210	PASS	
	16QAM	LCH	37	38	6.4833	7.115	PASS
			75	0	13.407	14.09	PASS
			1	0	0.50983	0.7236	PASS
1			37	0.52968	0.7608	PASS	
1			74	0.51825	0.7764	PASS	
37			0	6.4941	7.168	PASS	
MCH		37	18	6.5020	7.245	PASS	
		37	38	6.5013	7.127	PASS	
		75	0	13.404	14.10	PASS	
		1	0	0.52919	0.8232	PASS	
		1	37	0.52357	0.8062	PASS	
		1	74	0.52121	0.7699	PASS	
HCH		37	0	6.4869	7.131	PASS	
		37	18	6.4832	7.216	PASS	
		37	38	6.4944	7.140	PASS	
		75	0	13.421	14.13	PASS	
		1	0	0.54886	0.7919	PASS	
		1	37	0.54081	0.7619	PASS	
			1	74	0.54220	0.8021	PASS
			37	0	6.4840	7.084	PASS
			37	18	6.4869	7.187	PASS
	37		38	6.4869	7.095	PASS	
	75		0	13.399	14.05	PASS	

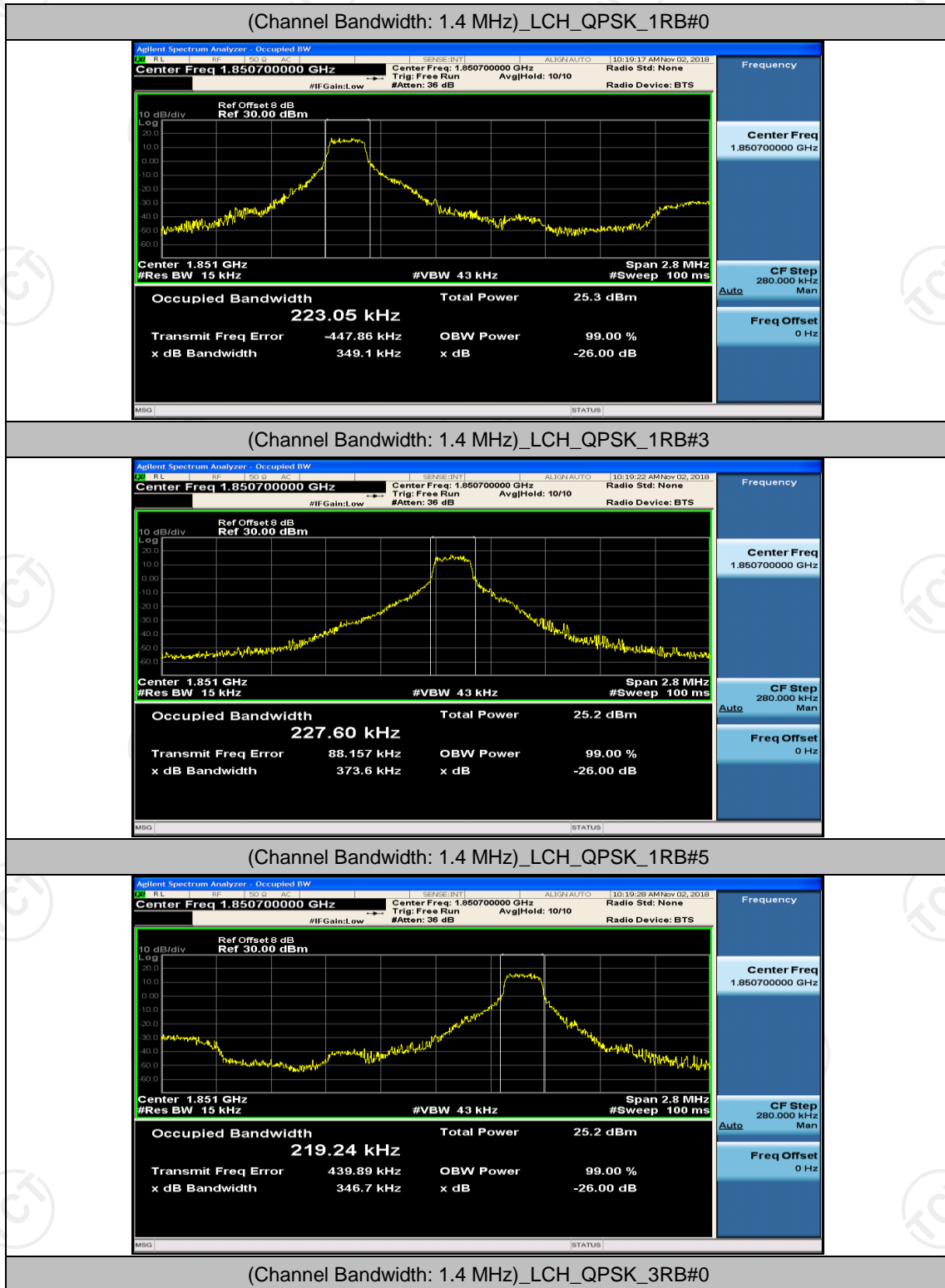
Channel Bandwidth: 20 MHz

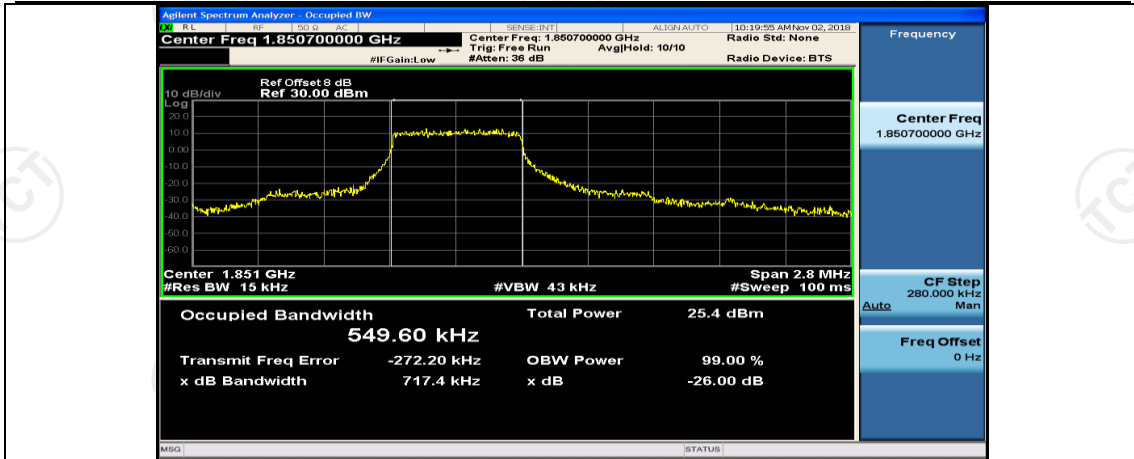
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.60244	0.8834	PASS
		1	50	0.60870	0.8966	PASS
		1	99	0.59010	0.8863	PASS
		50	0	8.9967	9.830	PASS
		50	25	9.0025	9.844	PASS
		50	50	8.9977	9.719	PASS
		100	0	17.882	18.71	PASS
	MCH	1	0	0.60037	0.8909	PASS
		1	50	0.61072	0.8875	PASS
		1	99	0.60596	0.8799	PASS
		50	0	8.9920	9.550	PASS
		50	25	8.9902	9.711	PASS
		50	50	8.9916	9.630	PASS
		100	0	17.863	18.64	PASS
	HCH	1	0	0.59414	0.7968	PASS
		1	50	0.59403	0.8505	PASS
		1	99	0.60328	0.9079	PASS
		50	0	8.9881	9.818	PASS
		50	25	8.9937	9.838	PASS
		50	50	8.9879	9.723	PASS
		100	0	17.890	18.58	PASS
16QAM	LCH	1	0	0.59053	0.8935	PASS
		1	50	0.59676	0.8312	PASS
		1	99	0.59539	0.8781	PASS
		50	0	8.9932	9.808	PASS
		50	25	8.9971	9.643	PASS
		50	50	8.9835	9.773	PASS
		100	0	17.891	18.69	PASS
	MCH	1	0	0.59703	0.9091	PASS
		1	50	0.61384	0.8964	PASS
		1	99	0.60724	0.8598	PASS
		50	0	8.9851	9.669	PASS
		50	25	8.9812	9.779	PASS
		50	50	8.9874	9.678	PASS
		100	0	17.844	18.57	PASS
HCH	1	0	0.61310	0.9039	PASS	

		1	50	0.61538	0.8819	PASS
		1	99	0.60945	0.8544	PASS
		50	0	9.0013	9.738	PASS
		50	25	8.9988	9.861	PASS
		50	50	9.0040	9.705	PASS
		100	0	17.876	18.62	PASS

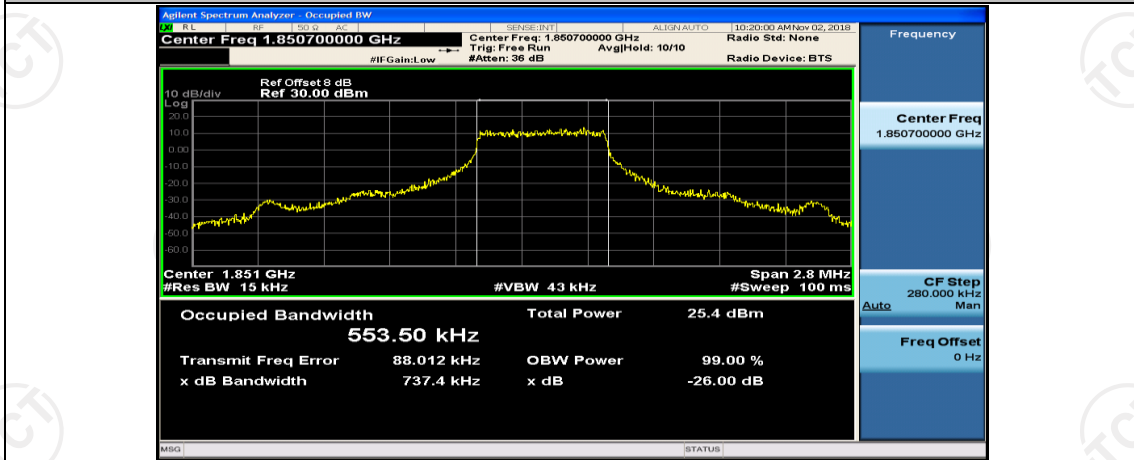
Test Graphs

Channel Bandwidth: 1.4 MHz

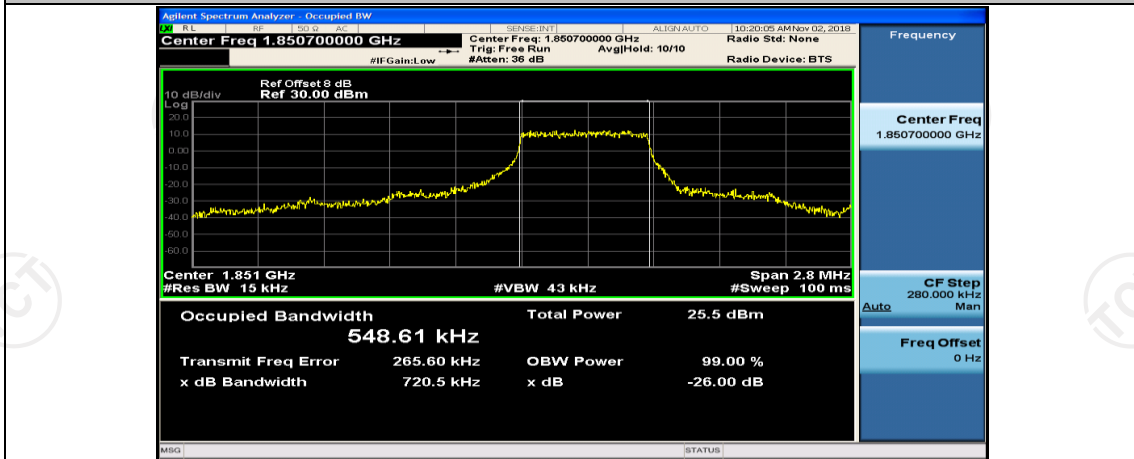




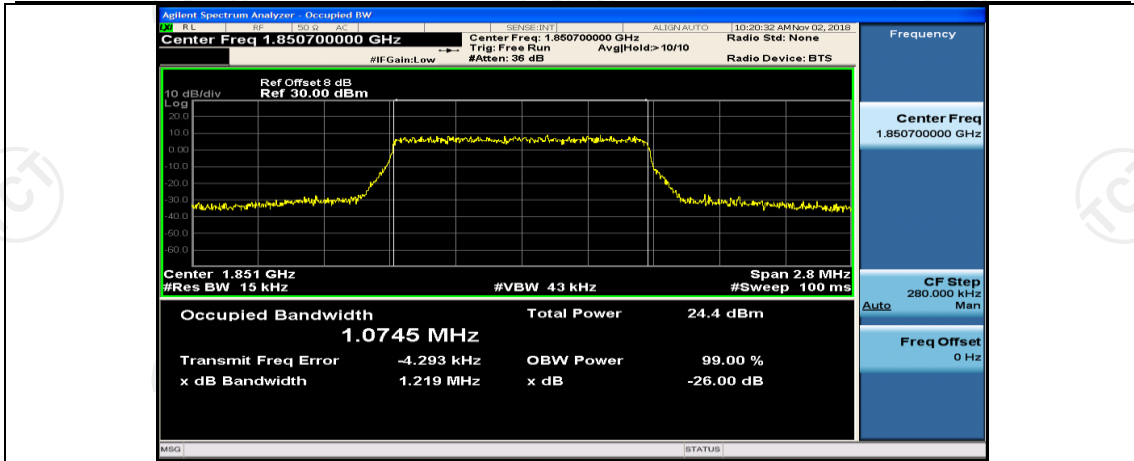
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2



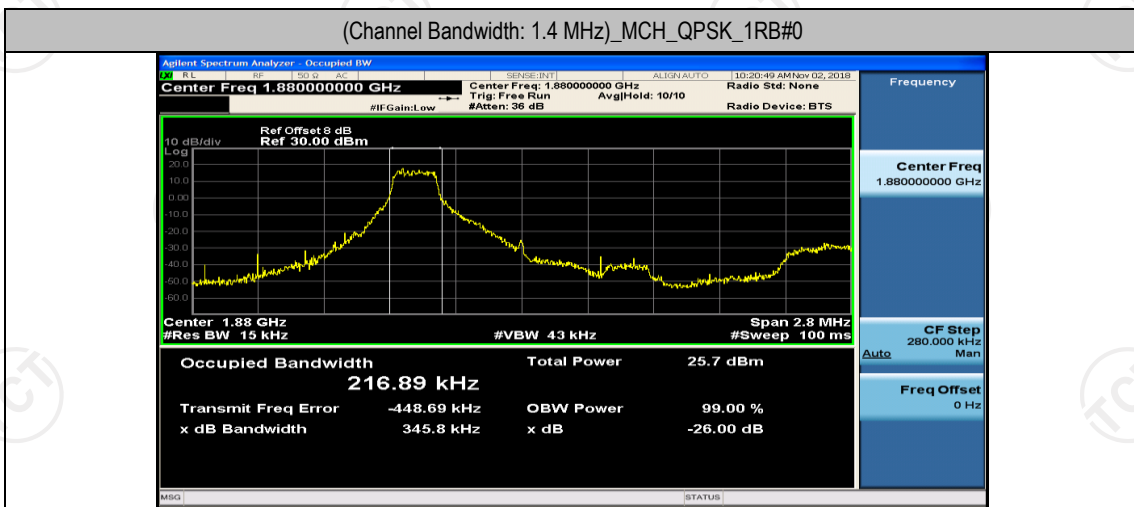
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#3



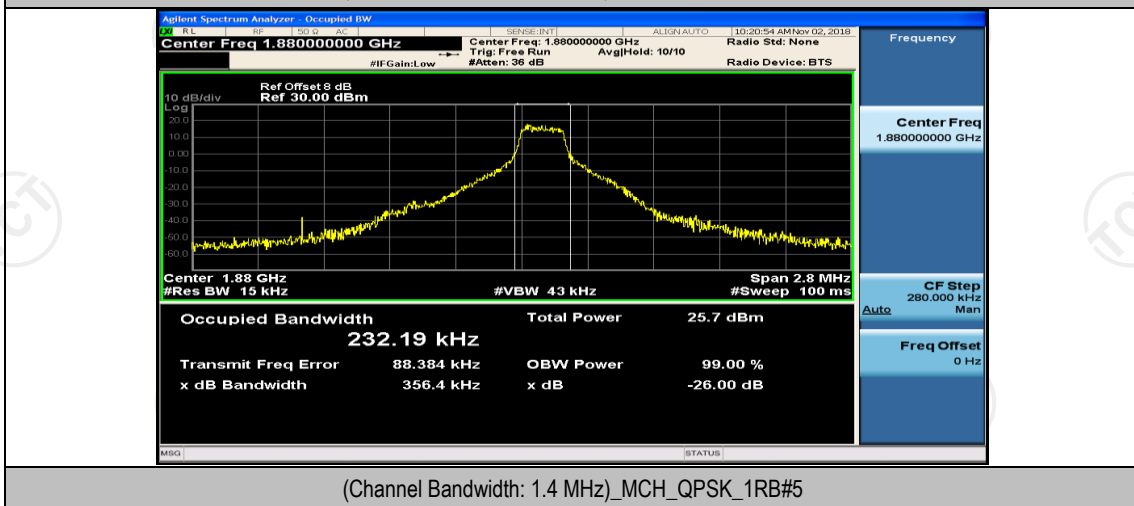
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



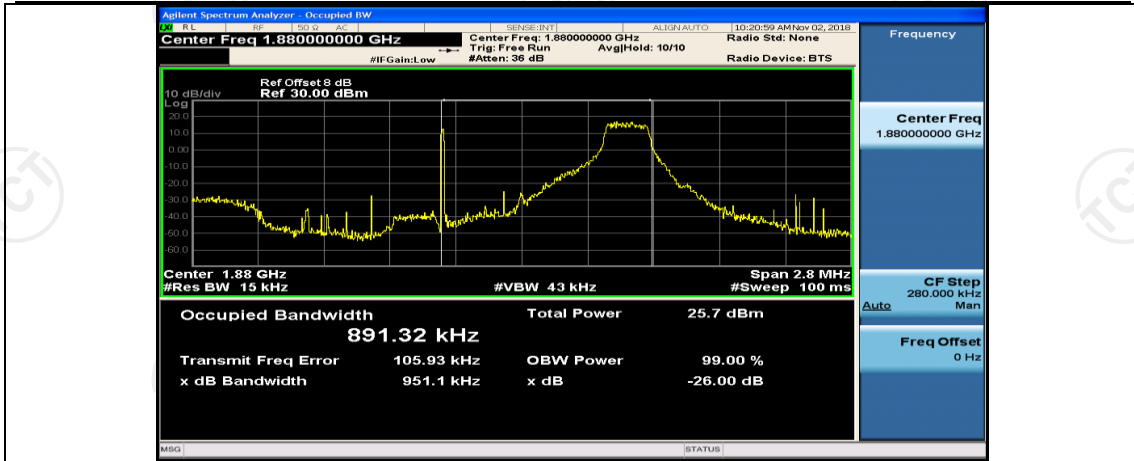
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



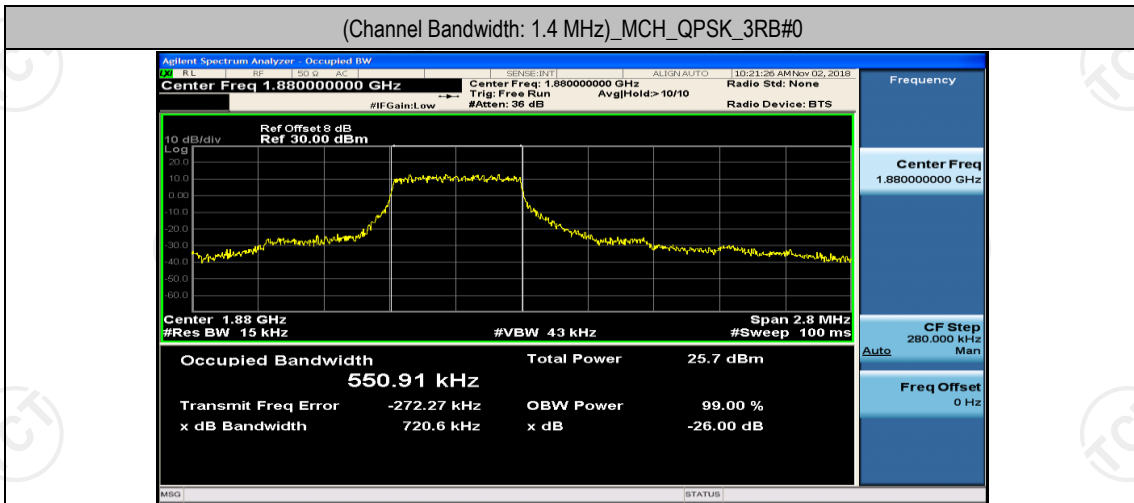
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



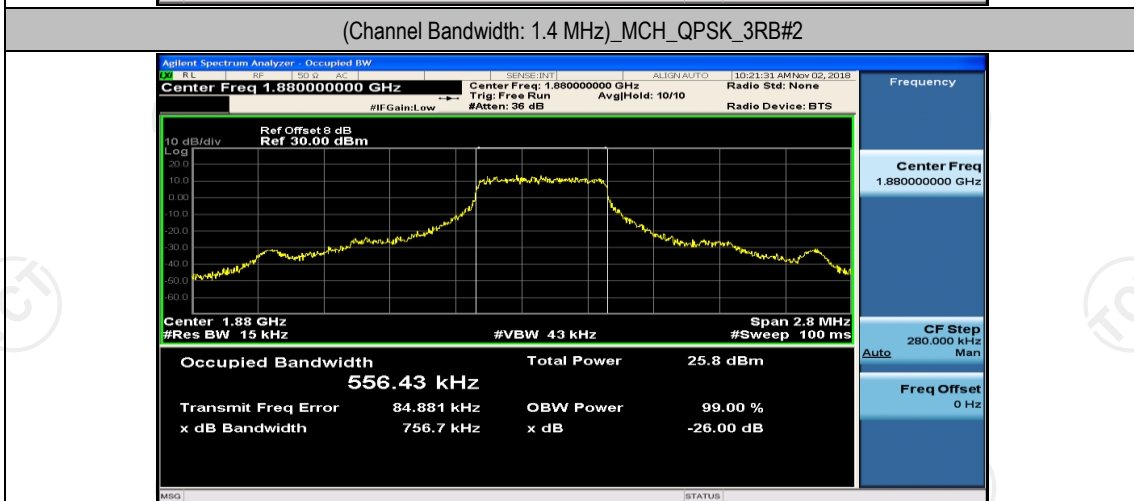
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5



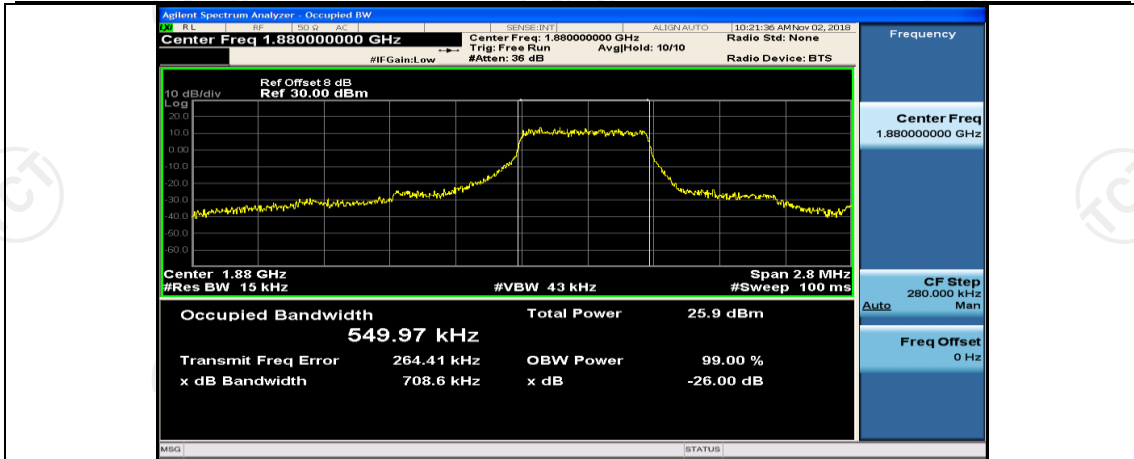
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#0



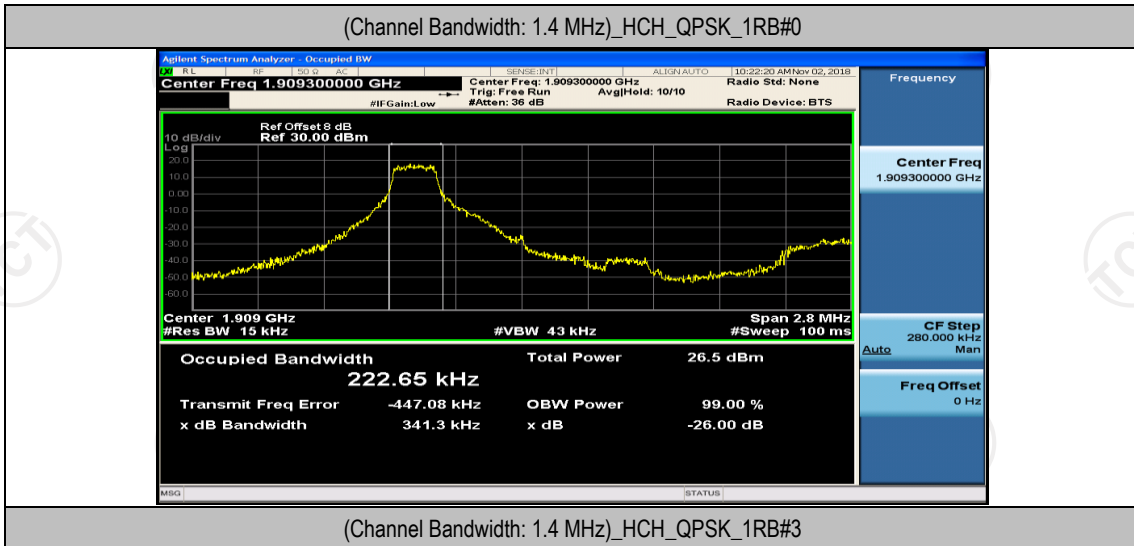
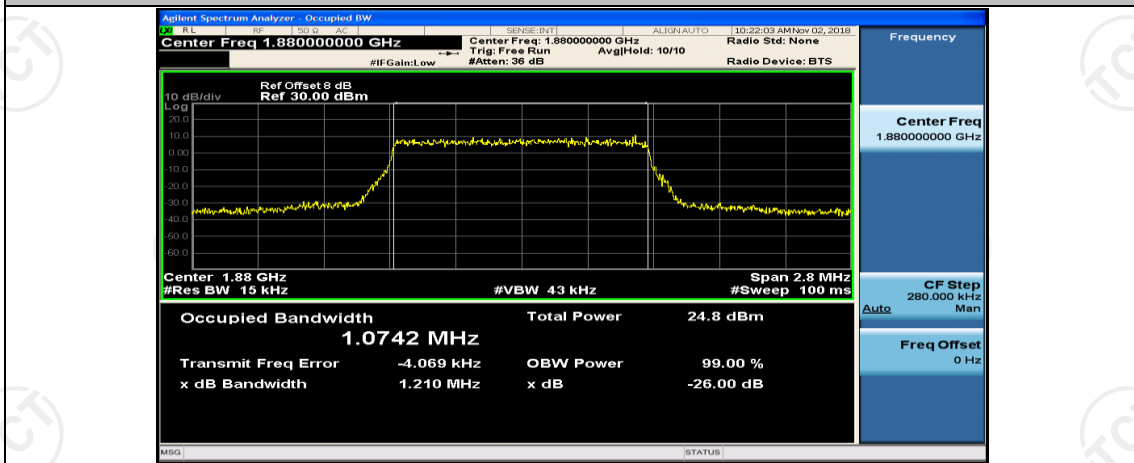
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#2



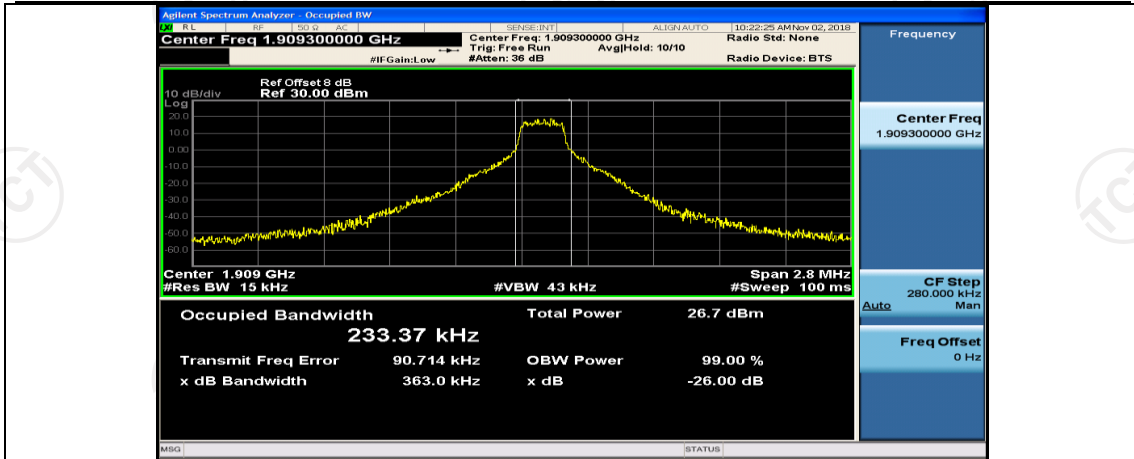
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#3



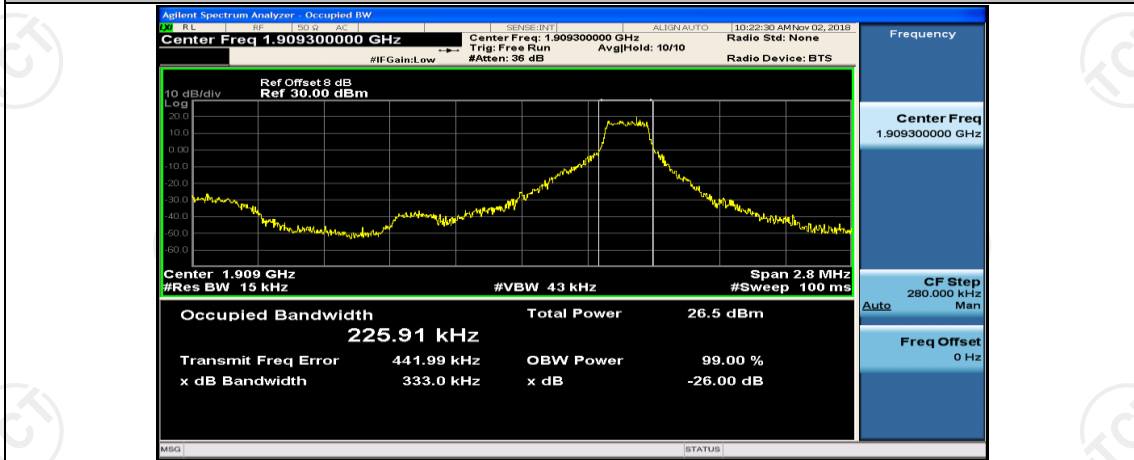
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



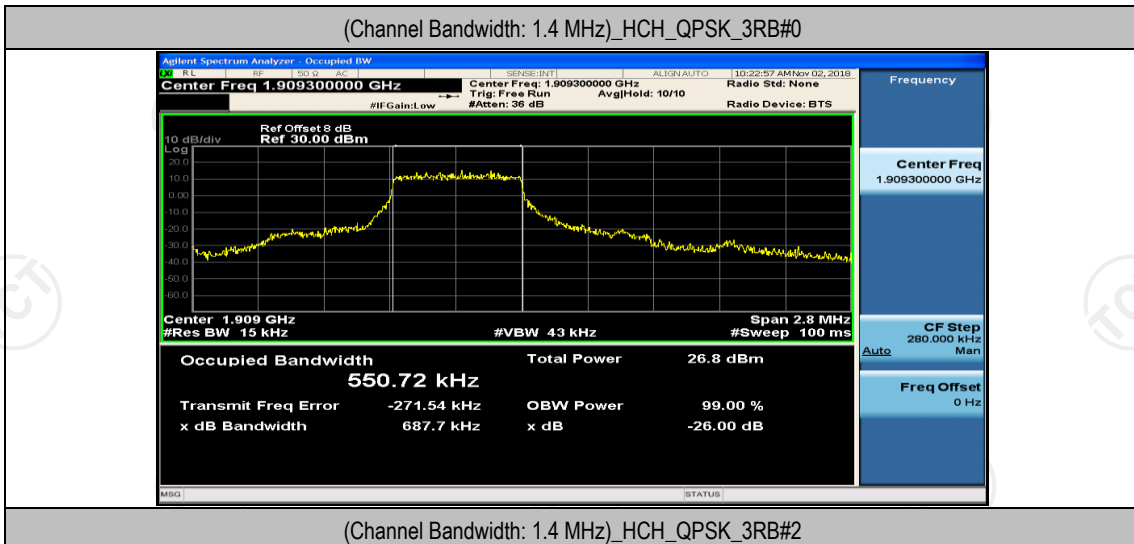
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3



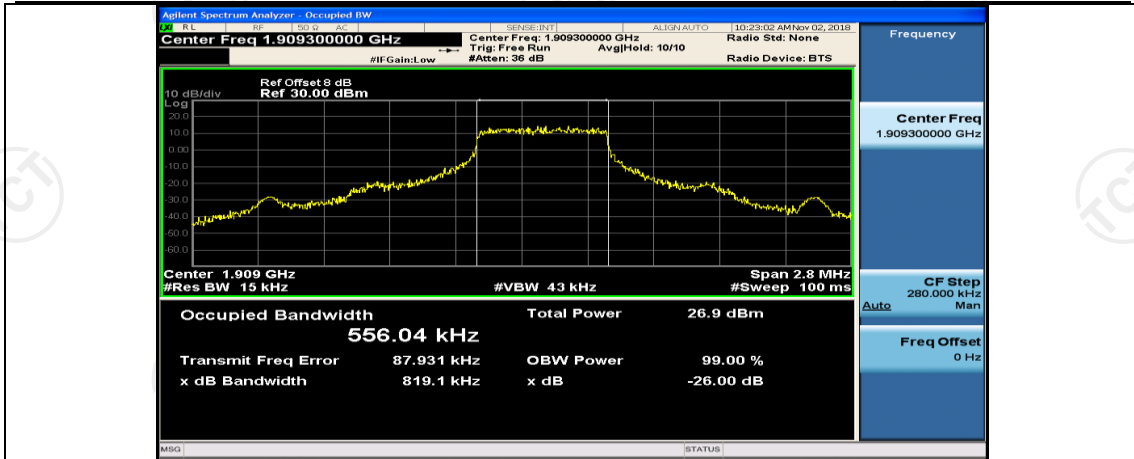
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



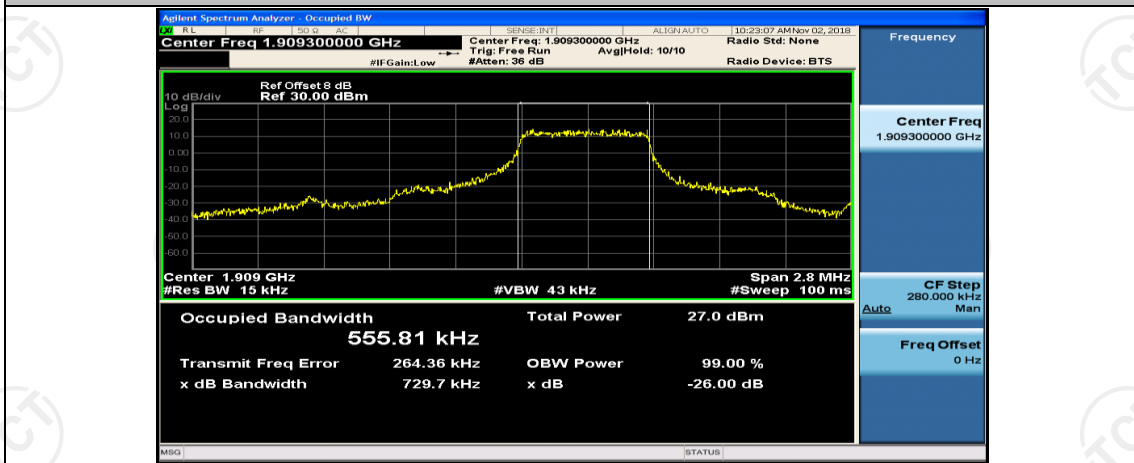
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0



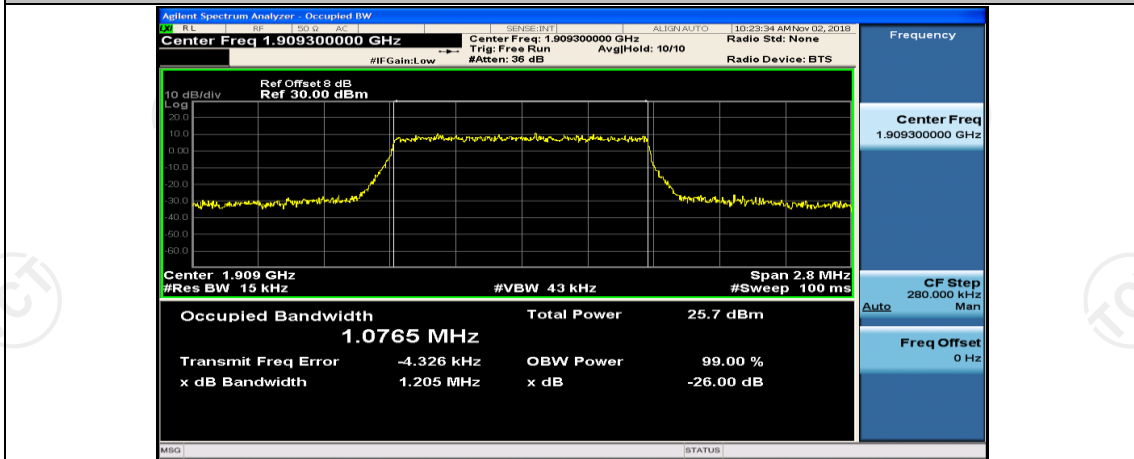
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2



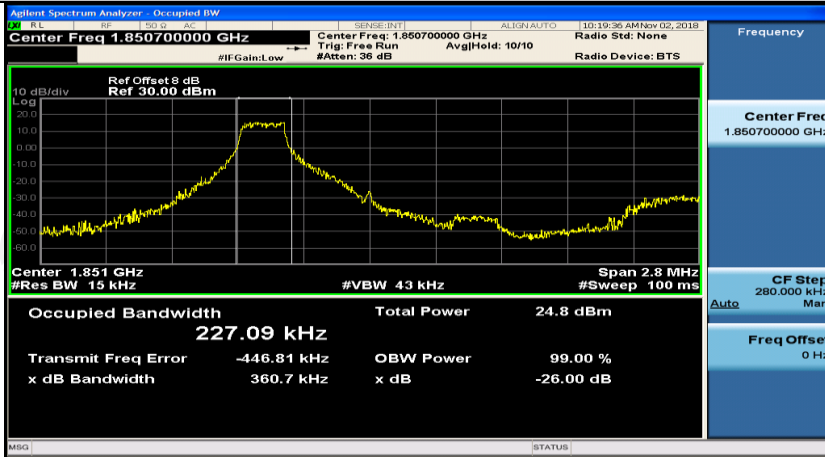
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#3



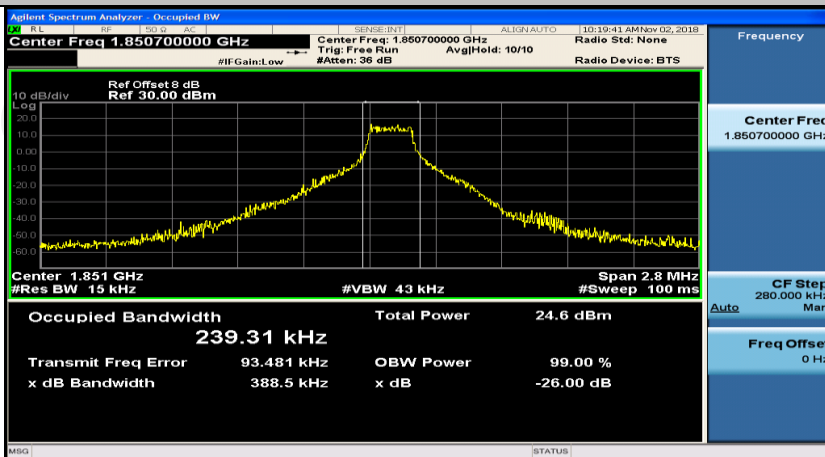
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



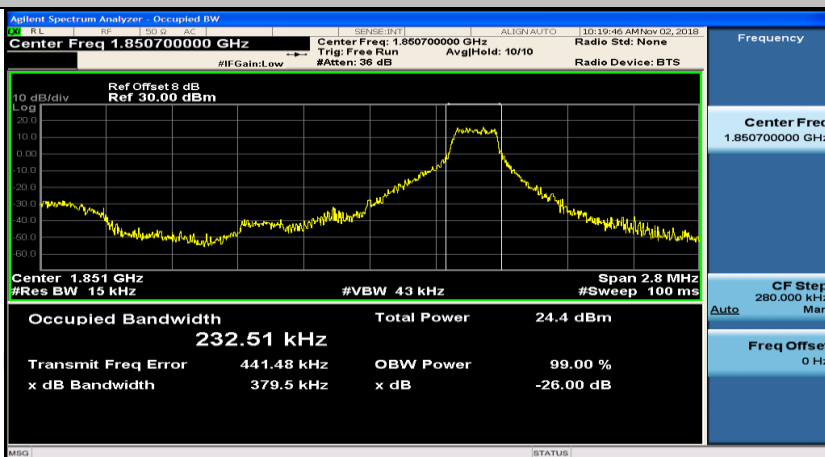
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



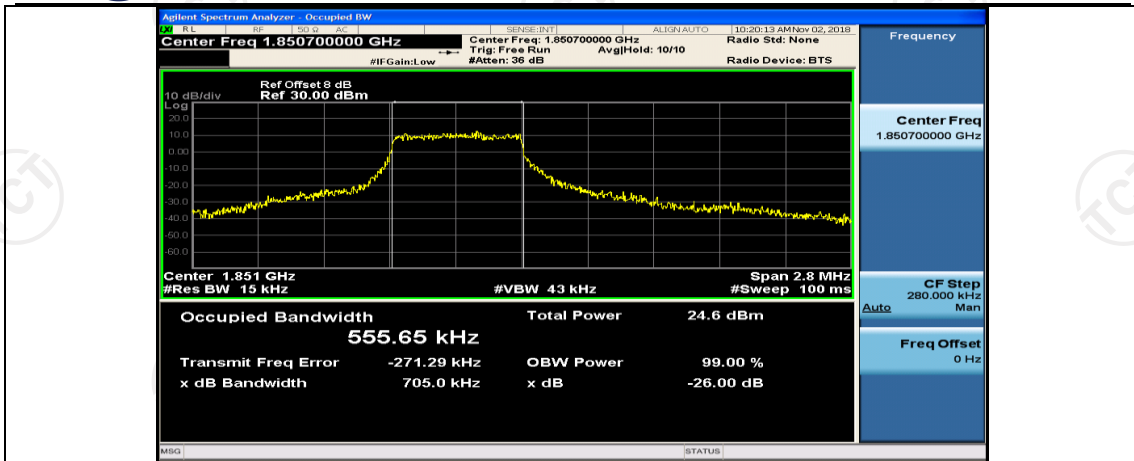
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



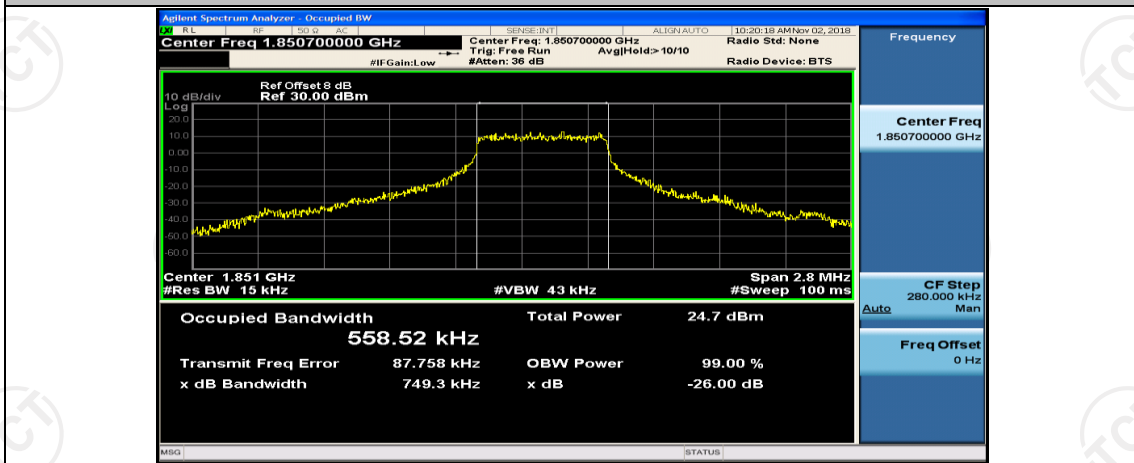
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5



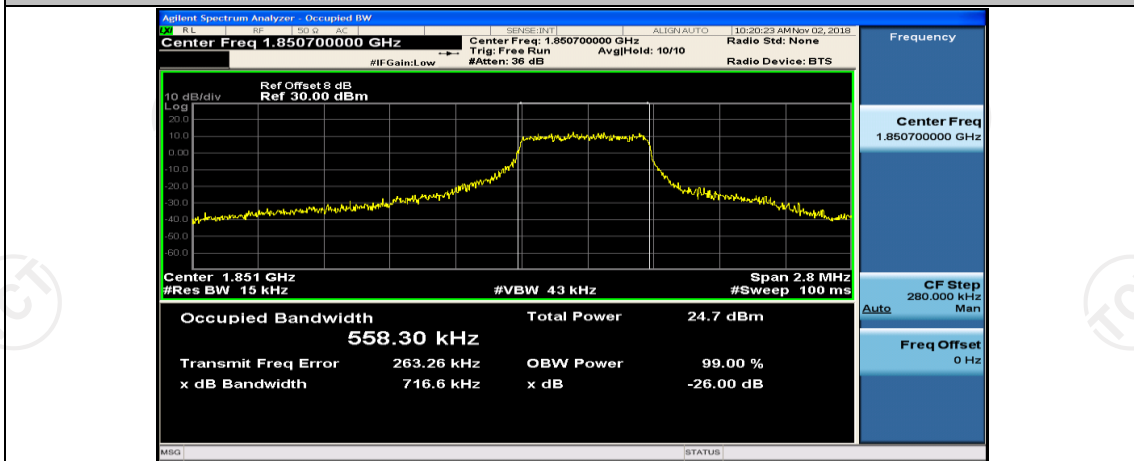
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0



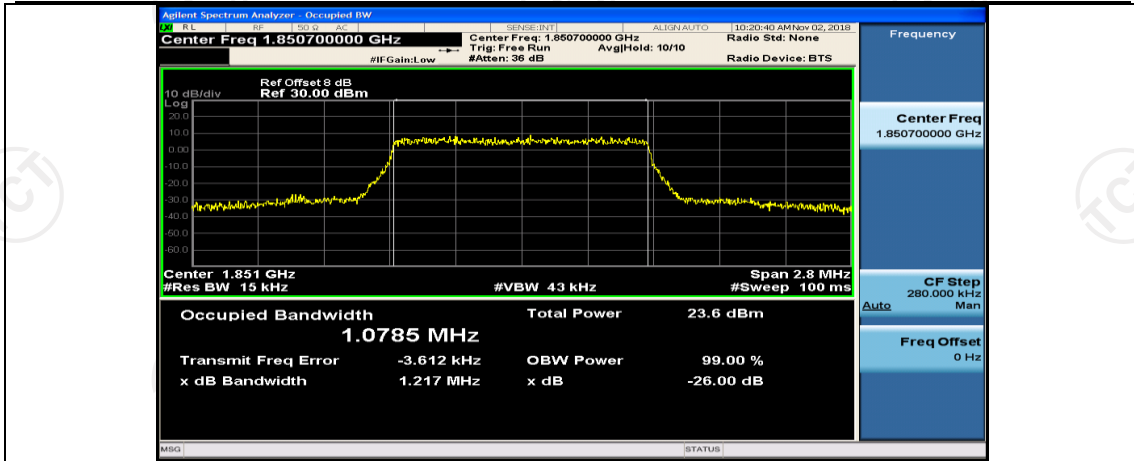
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#2



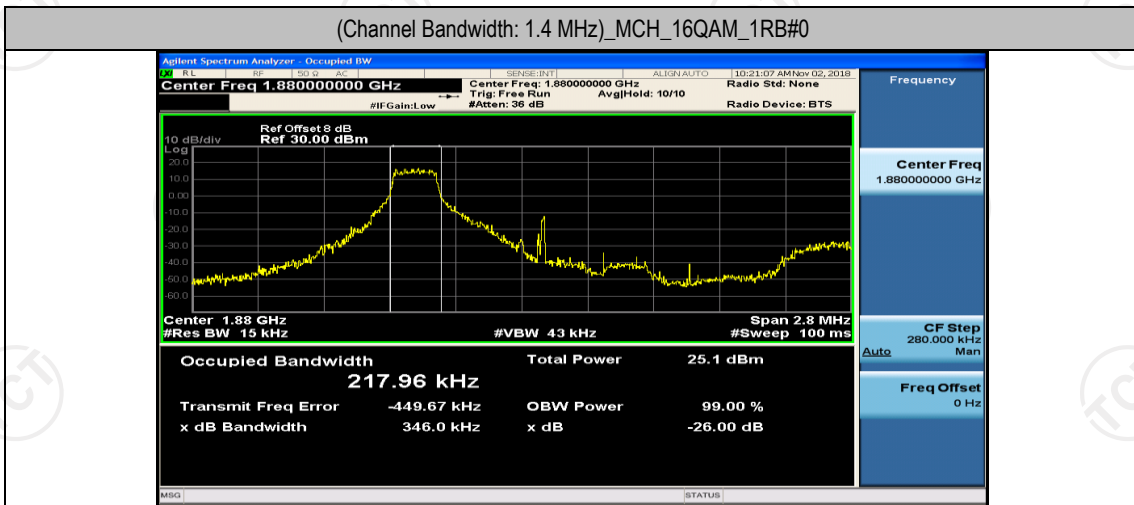
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3



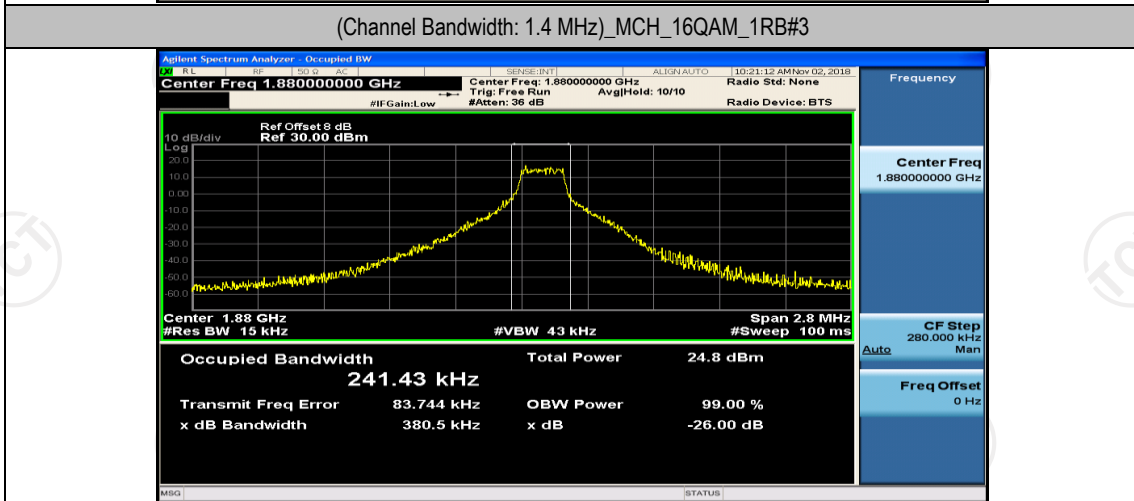
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



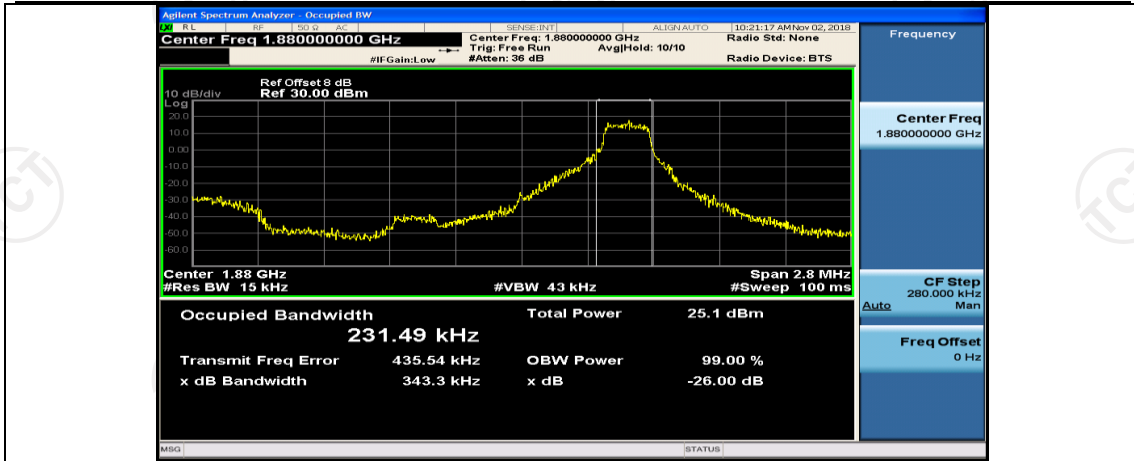
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0



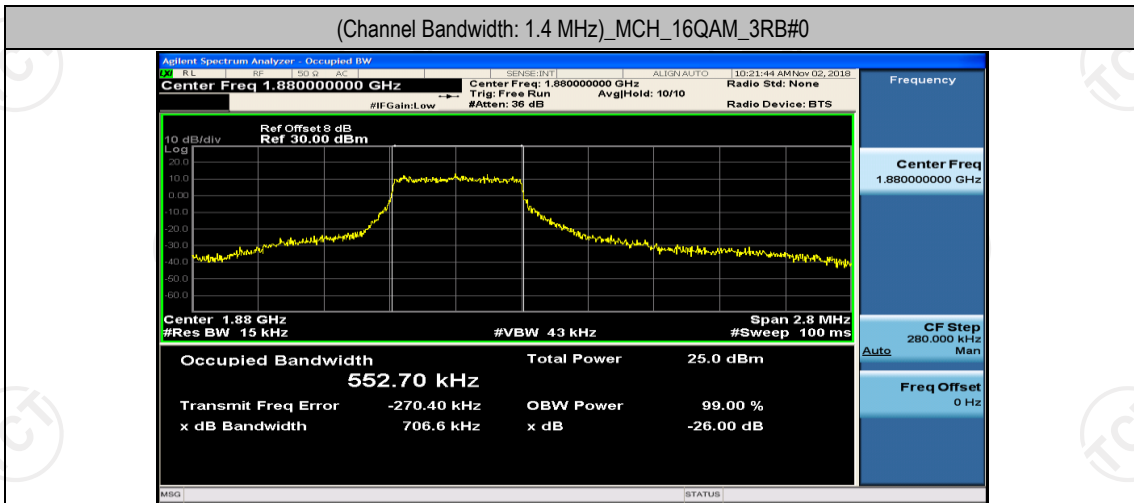
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3



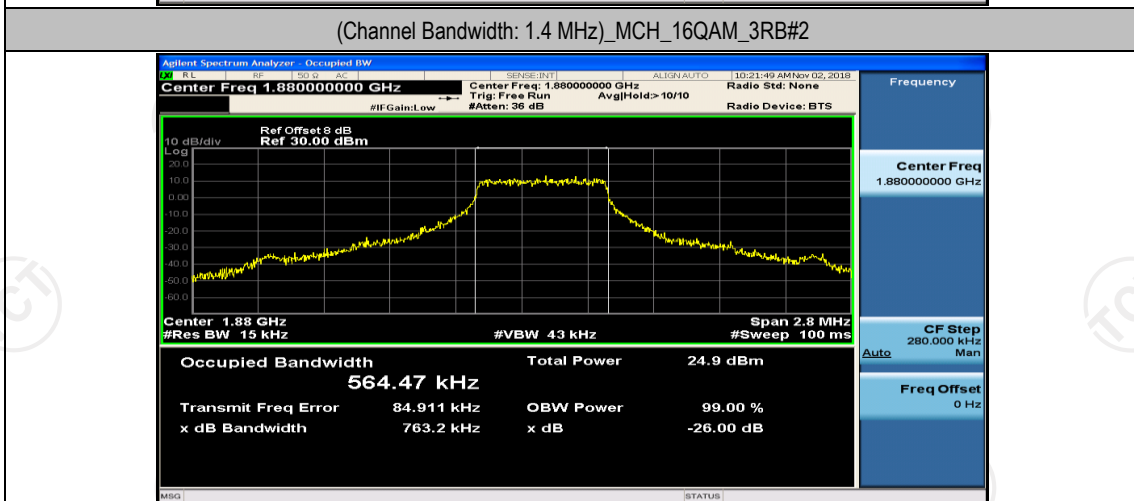
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5



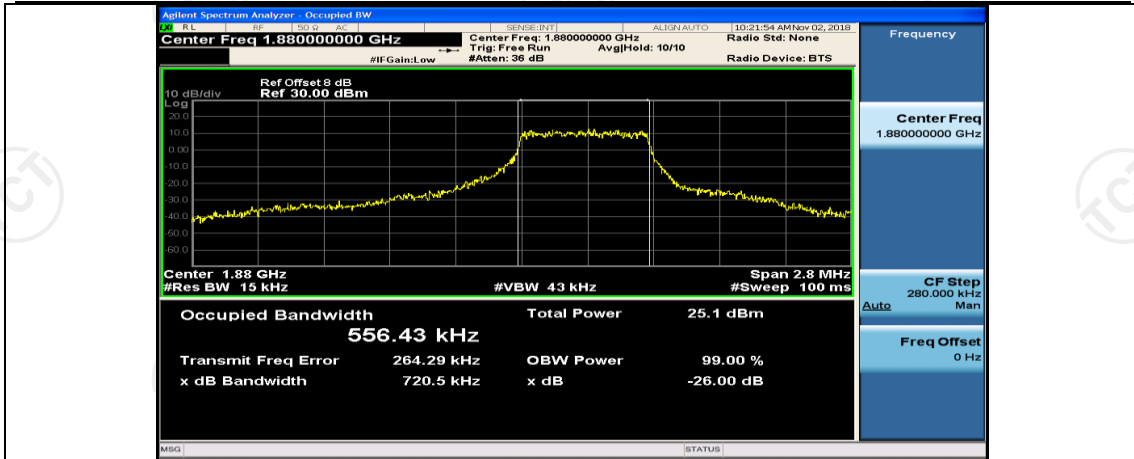
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#0



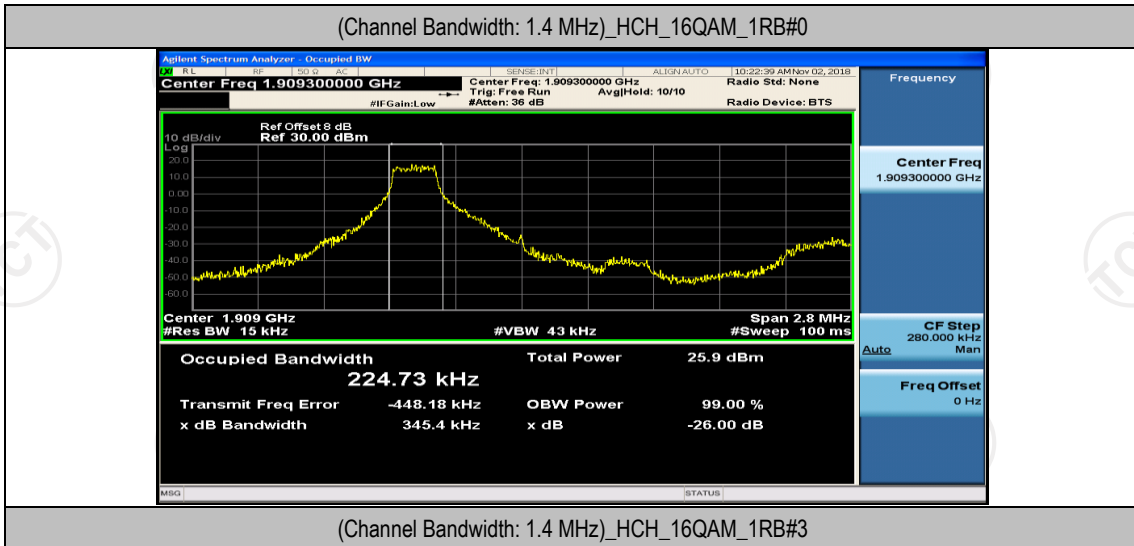
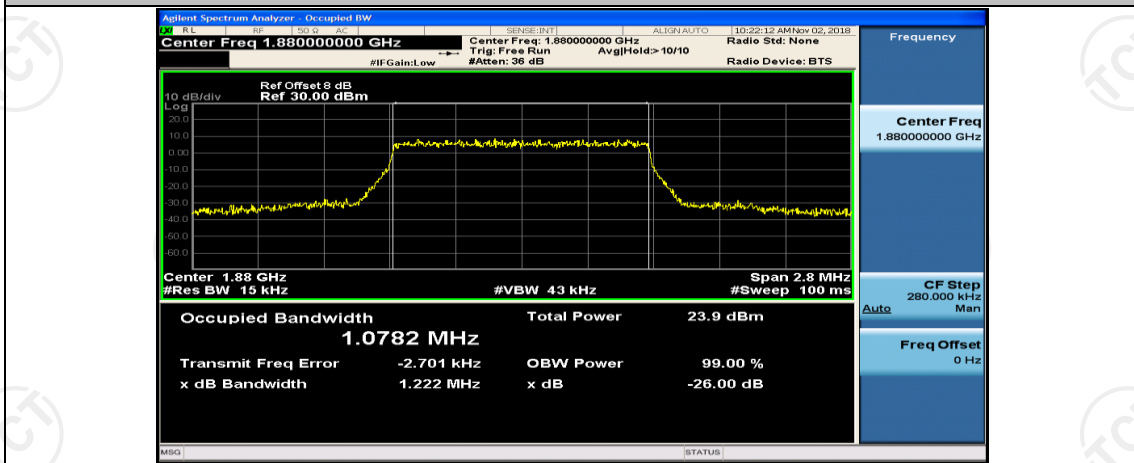
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#2



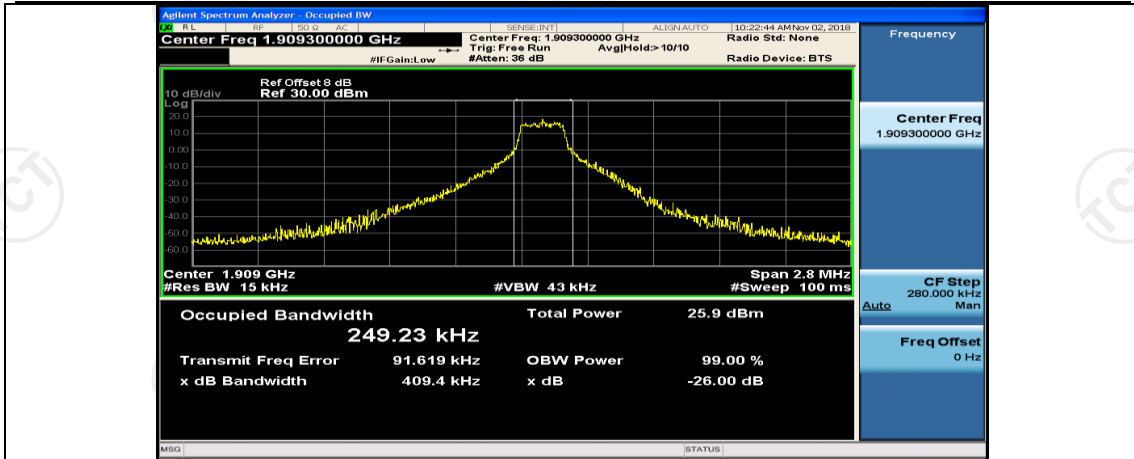
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#3



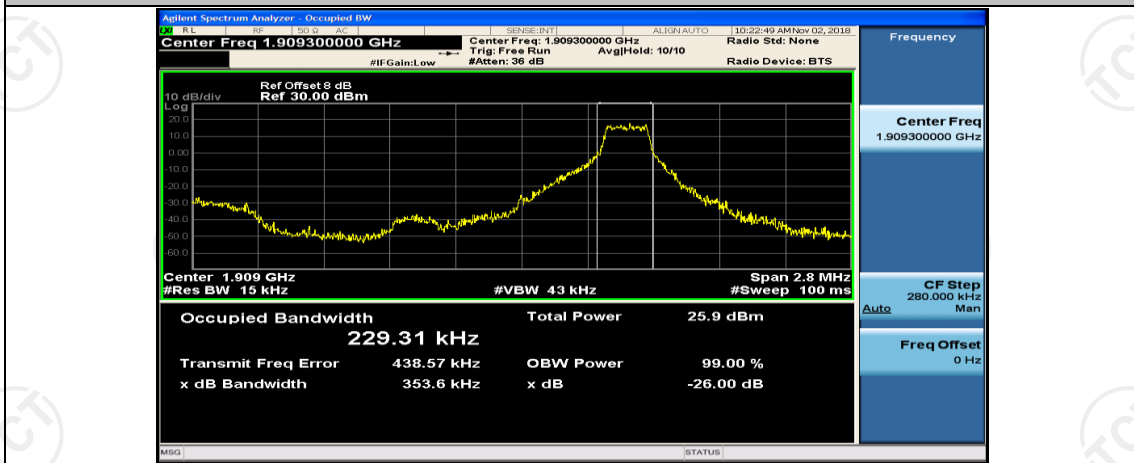
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



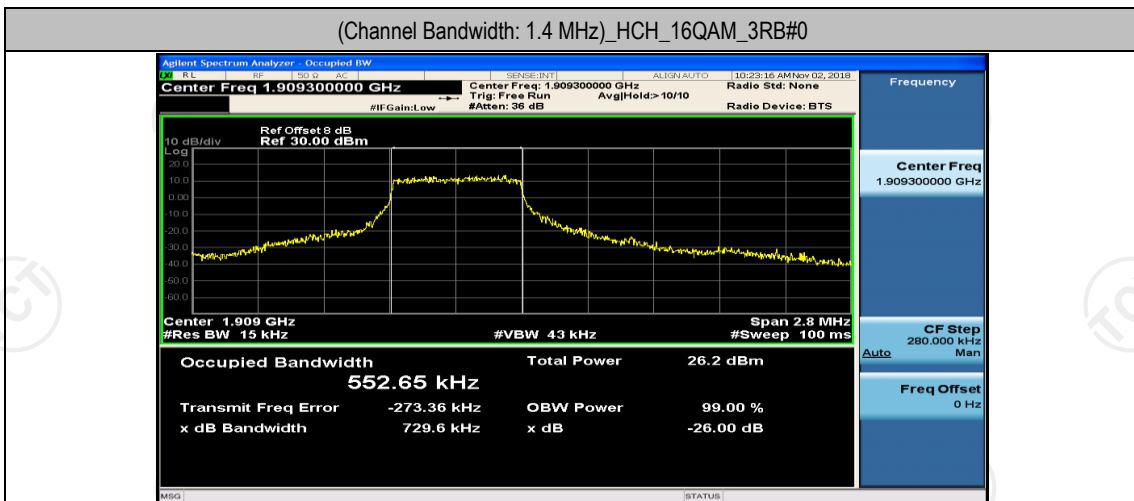
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



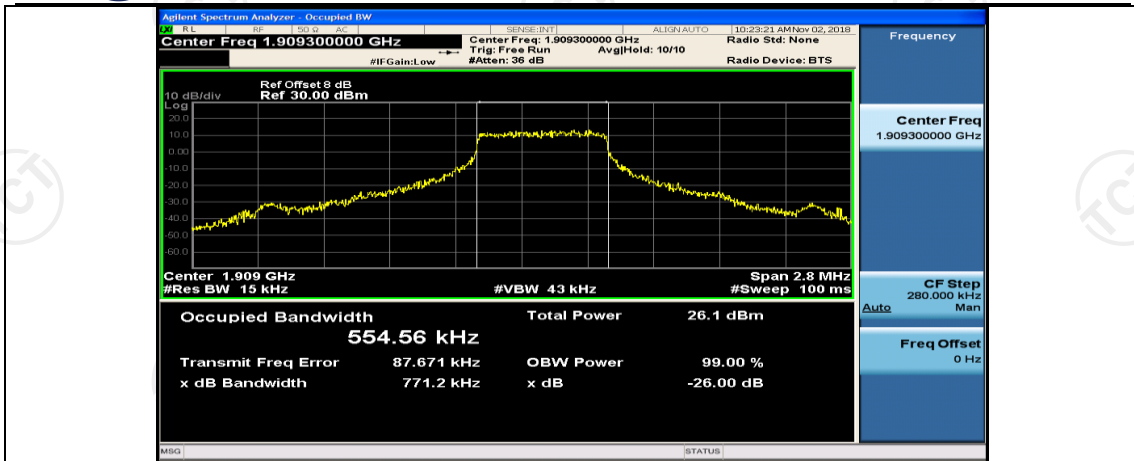
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



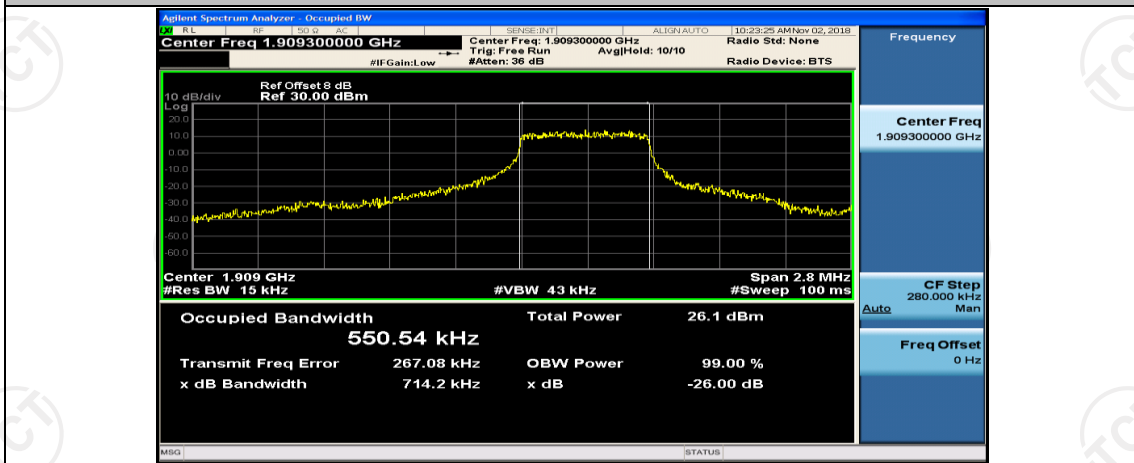
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#0



(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

