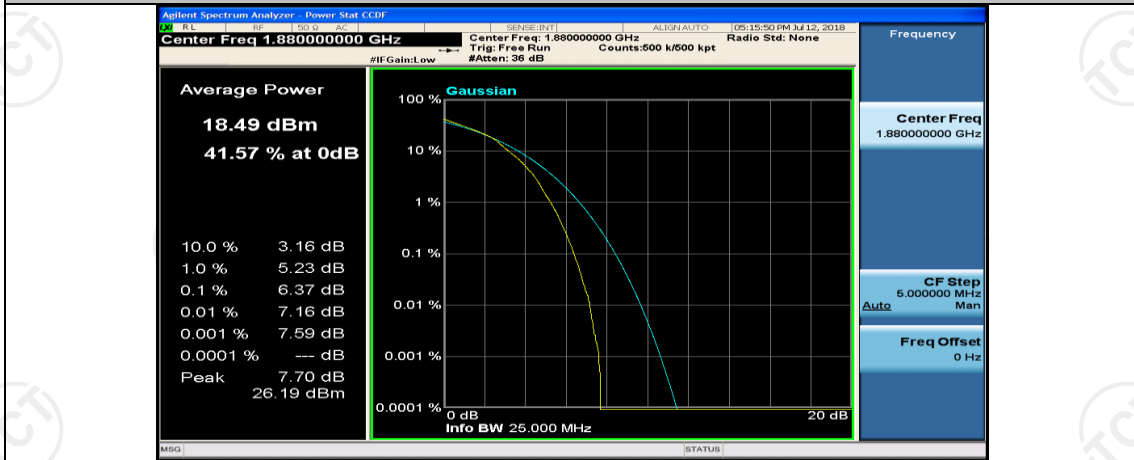
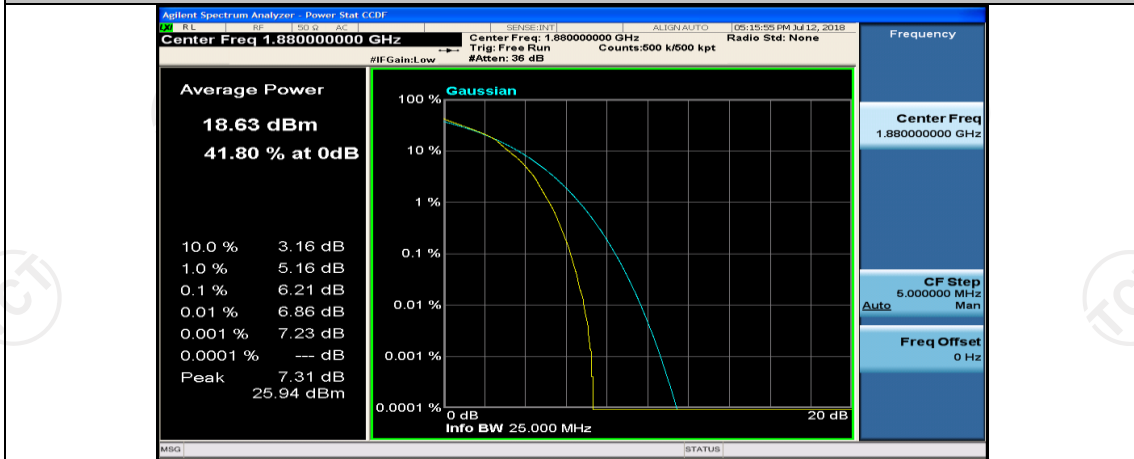


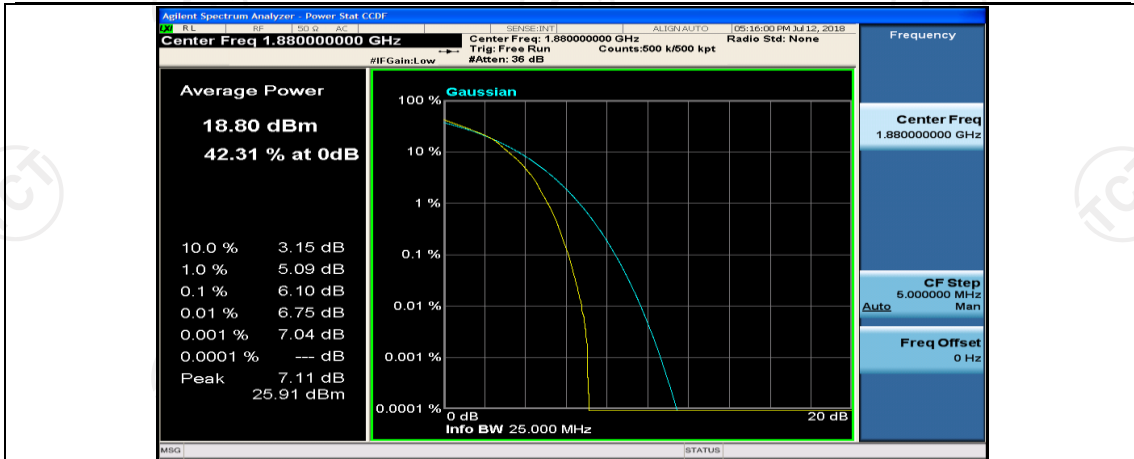
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#0



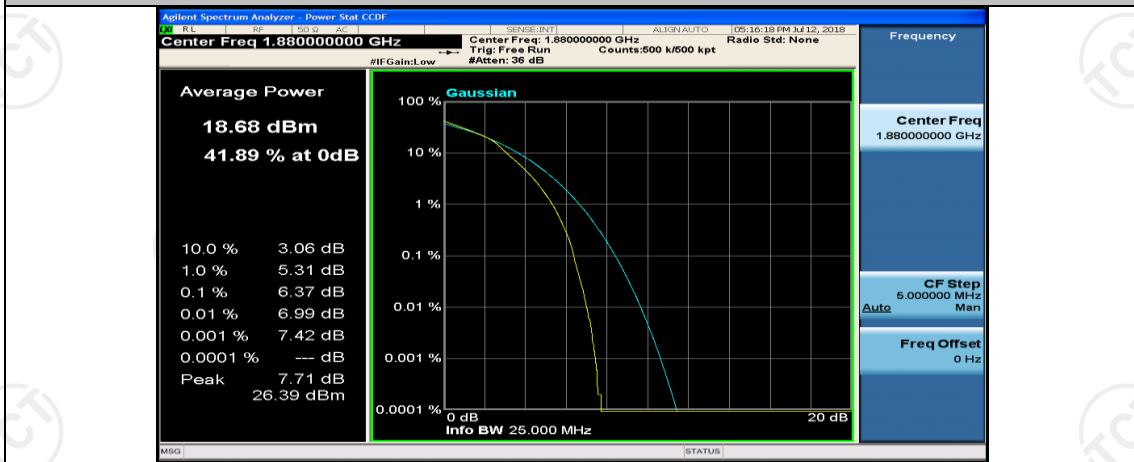
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#18



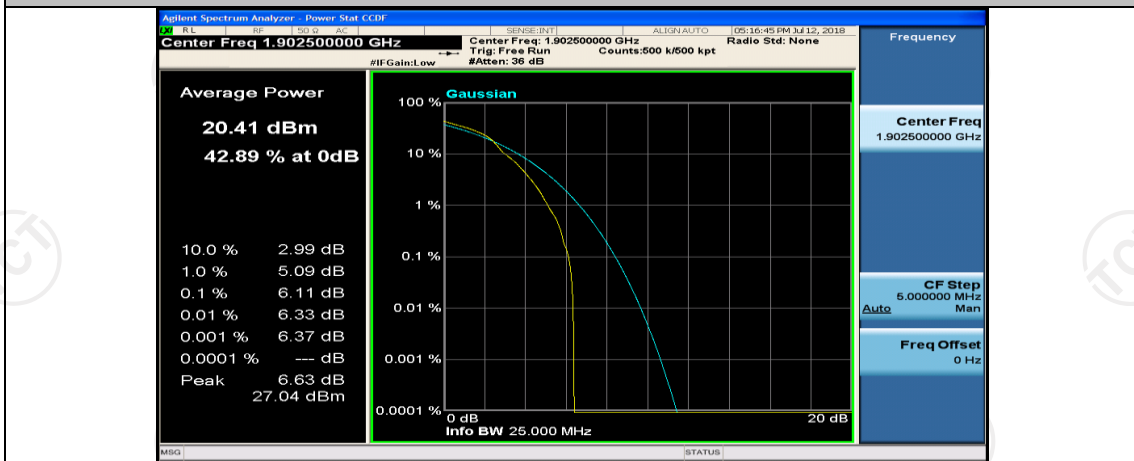
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#38



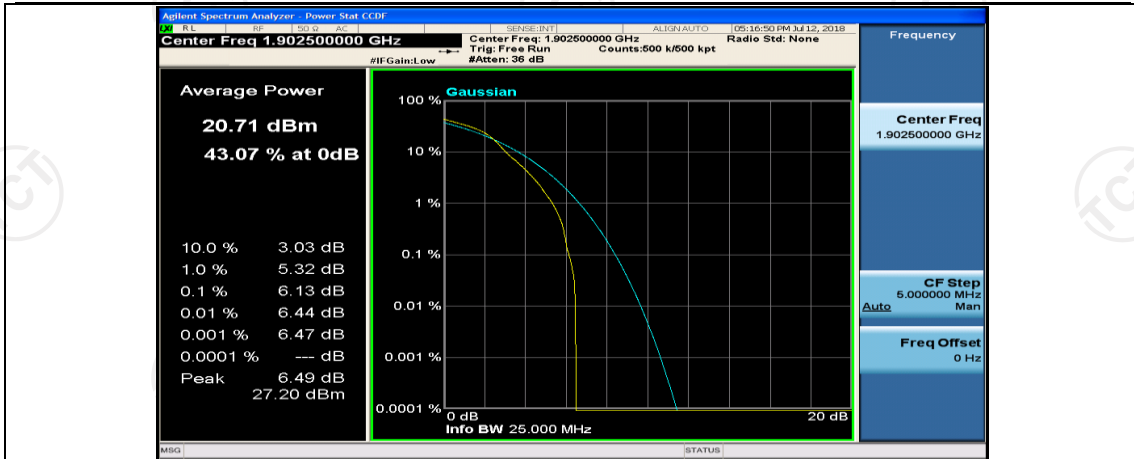
(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0



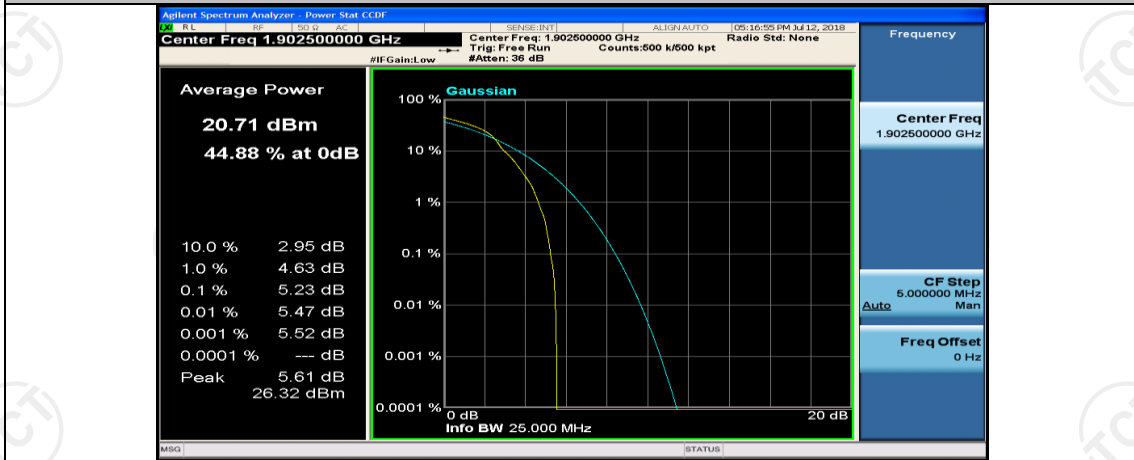
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0



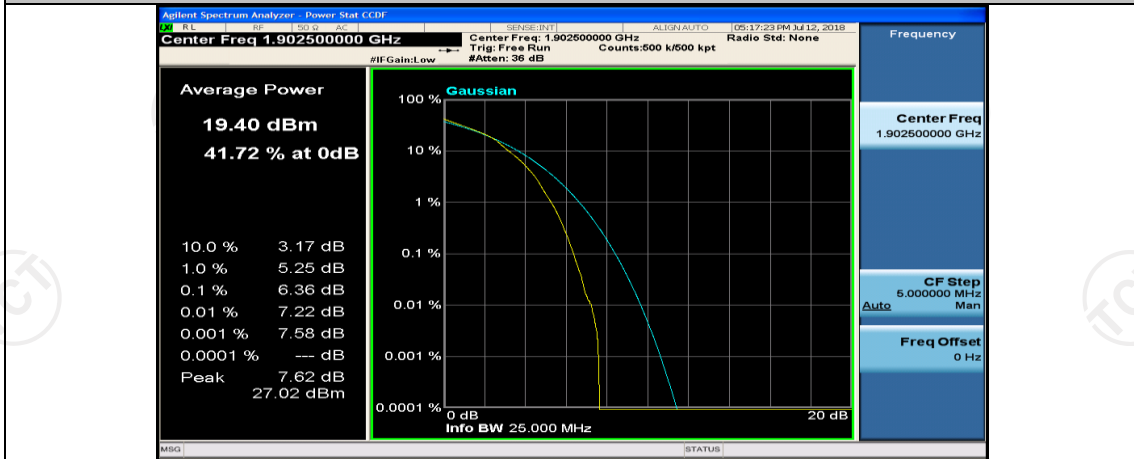
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37



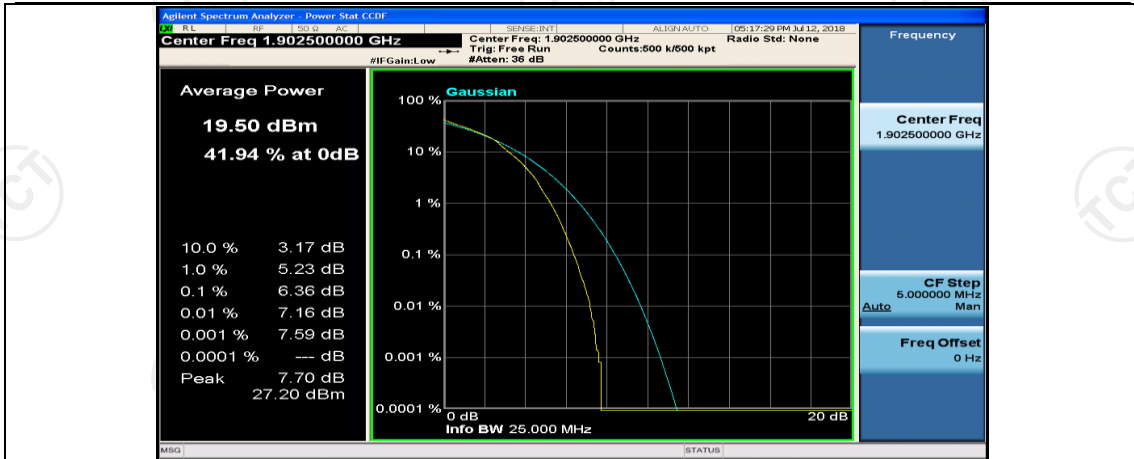
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#74



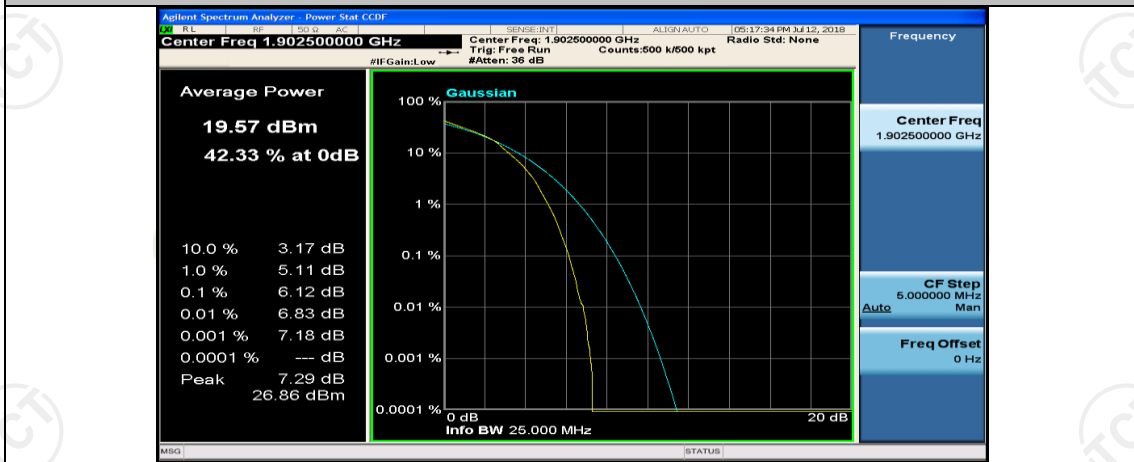
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#0



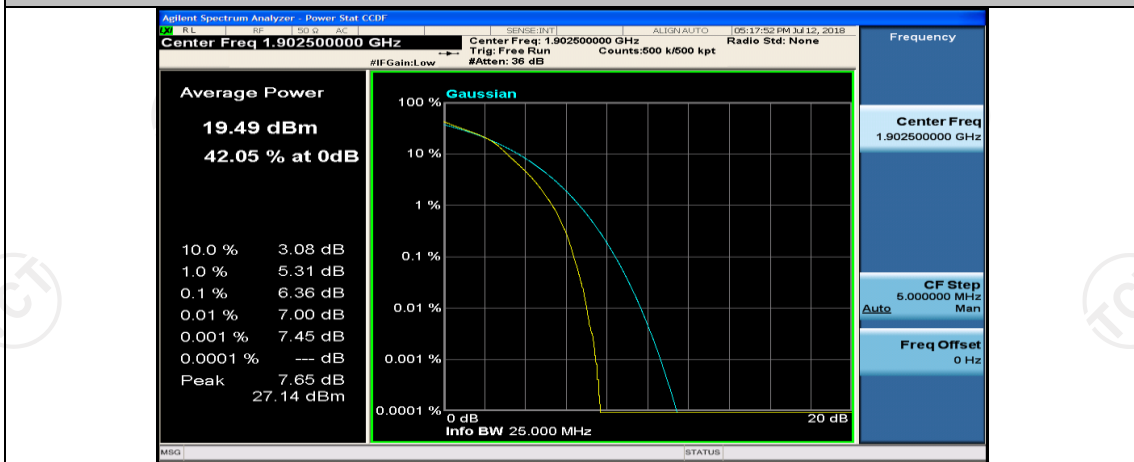
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#18



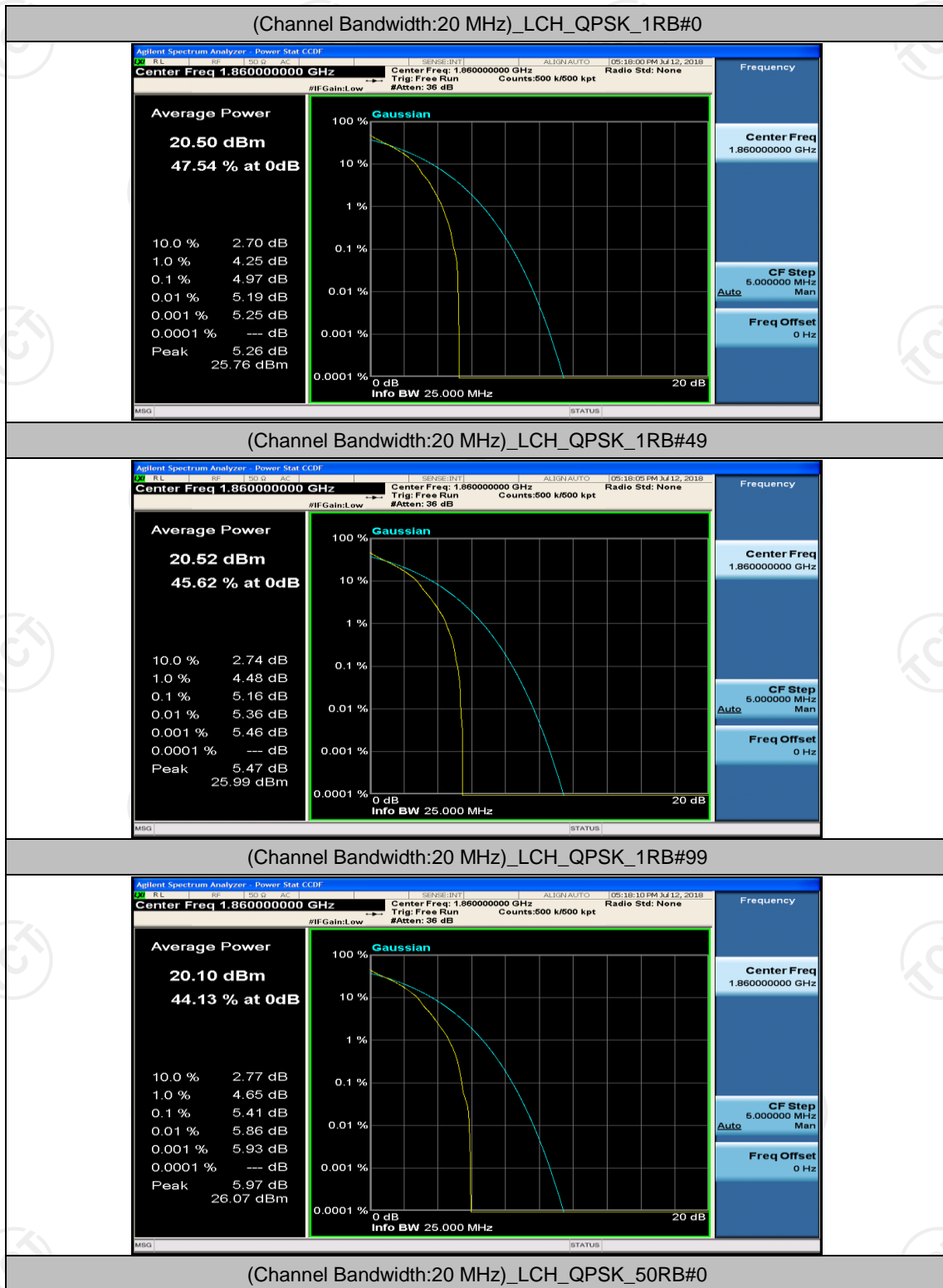
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#38

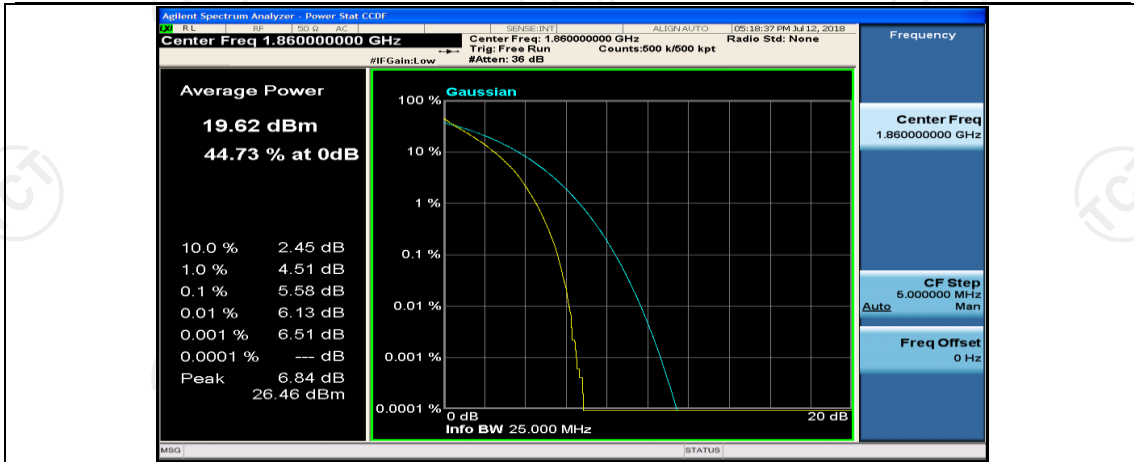


(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0

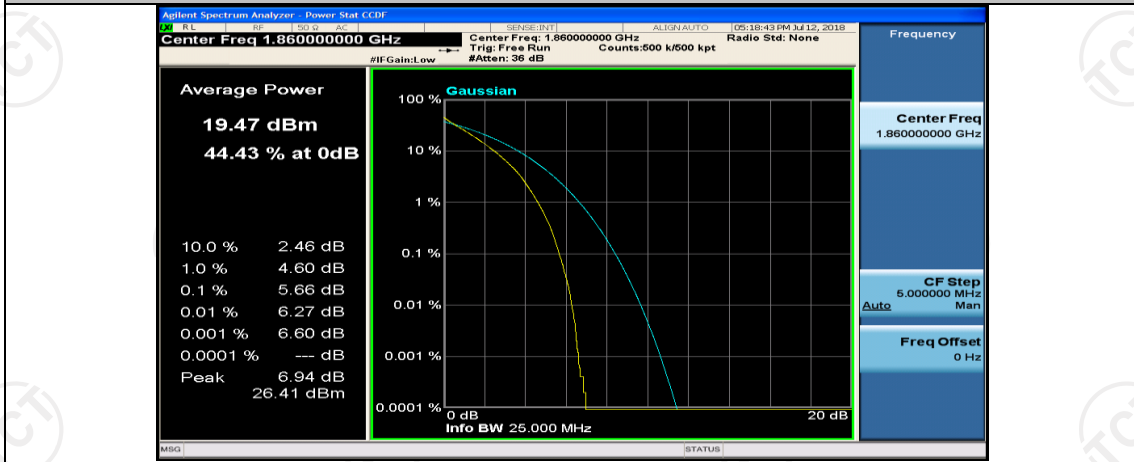


Channel Bandwidth: 20 MHz

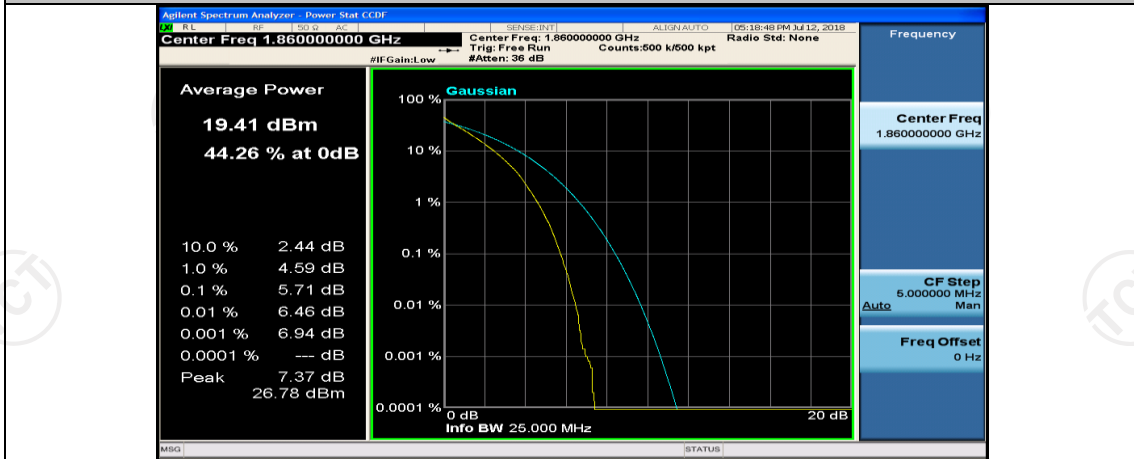




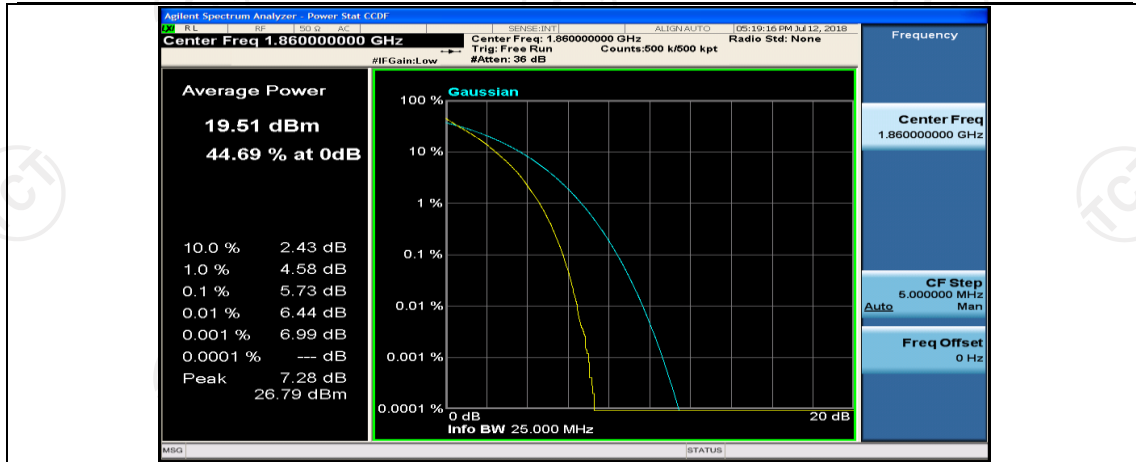
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#25



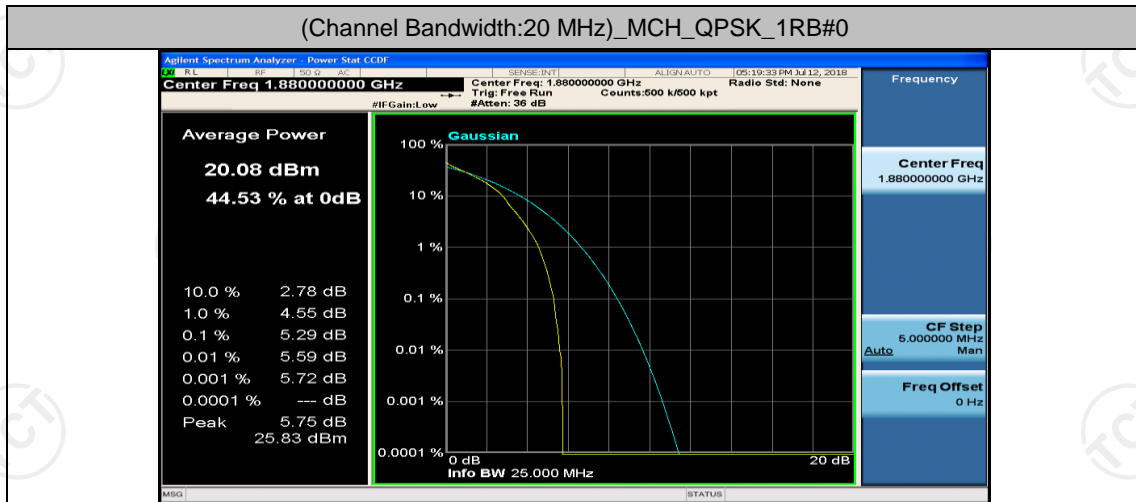
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#50



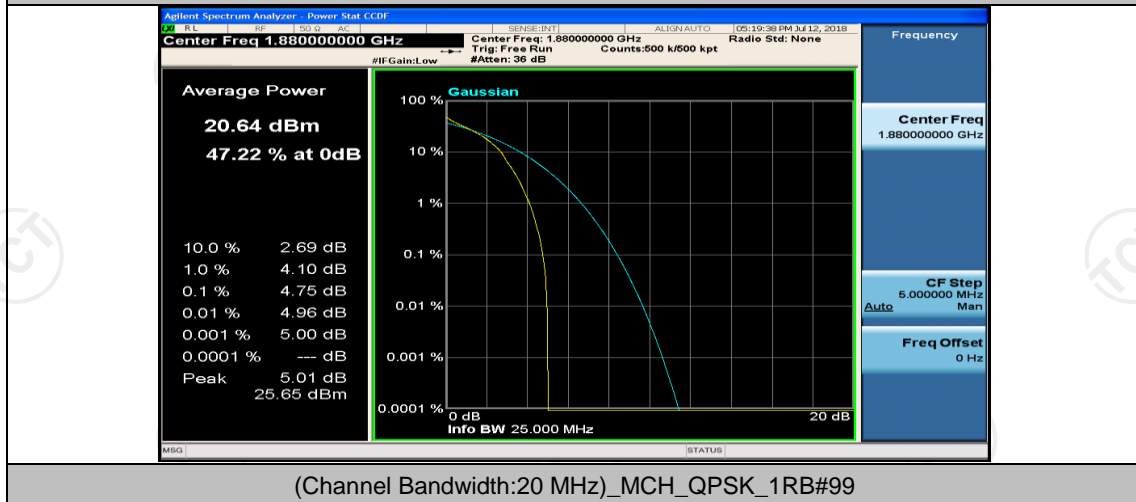
(Channel Bandwidth:20 MHz)_LCH_QPSK_100RB#0



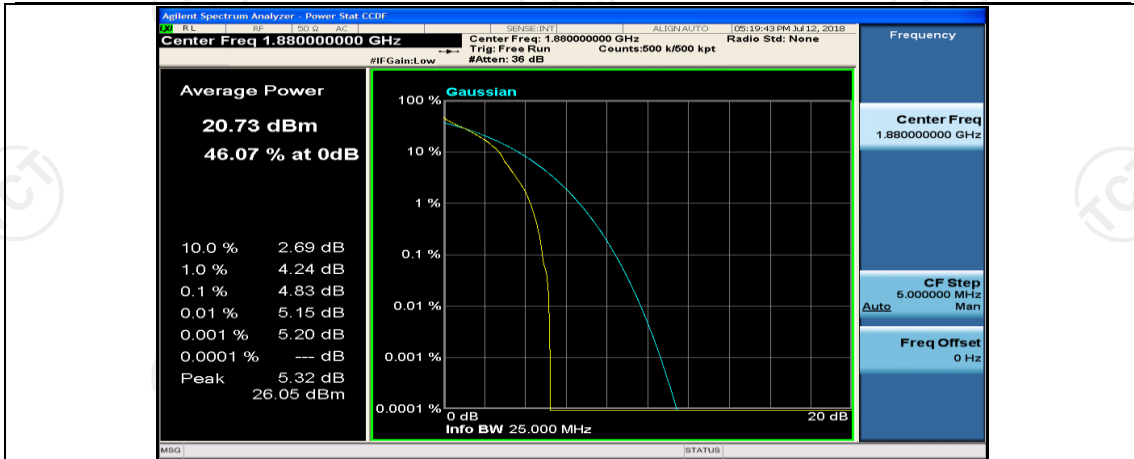
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0



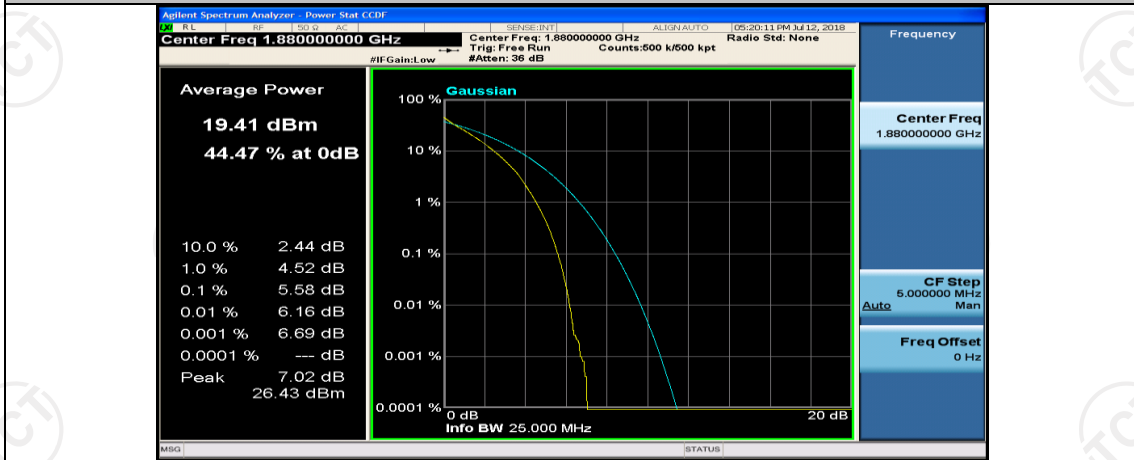
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49



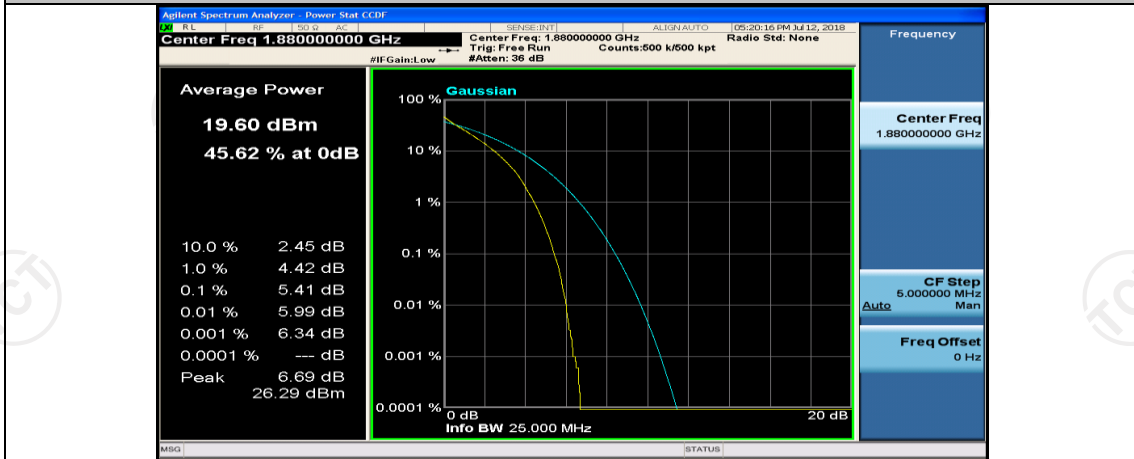
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#99



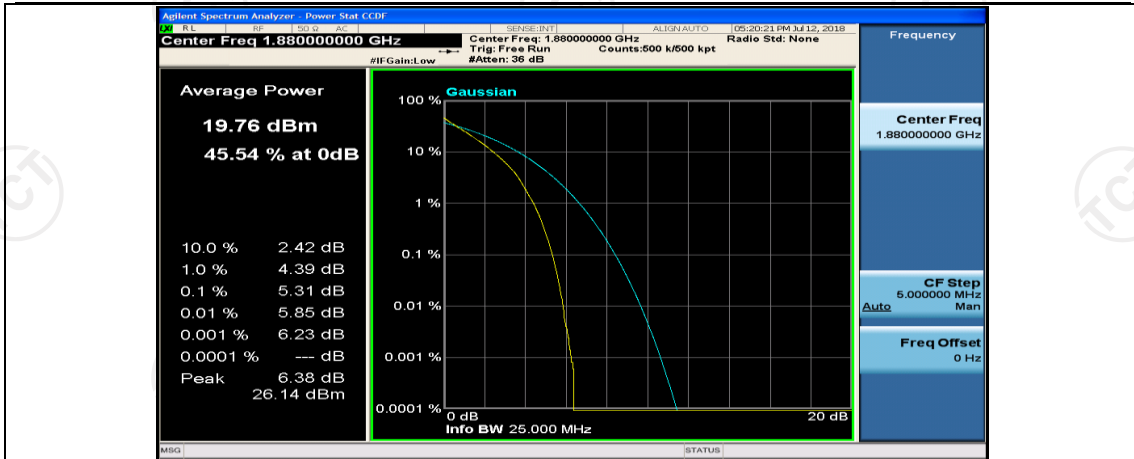
(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#0



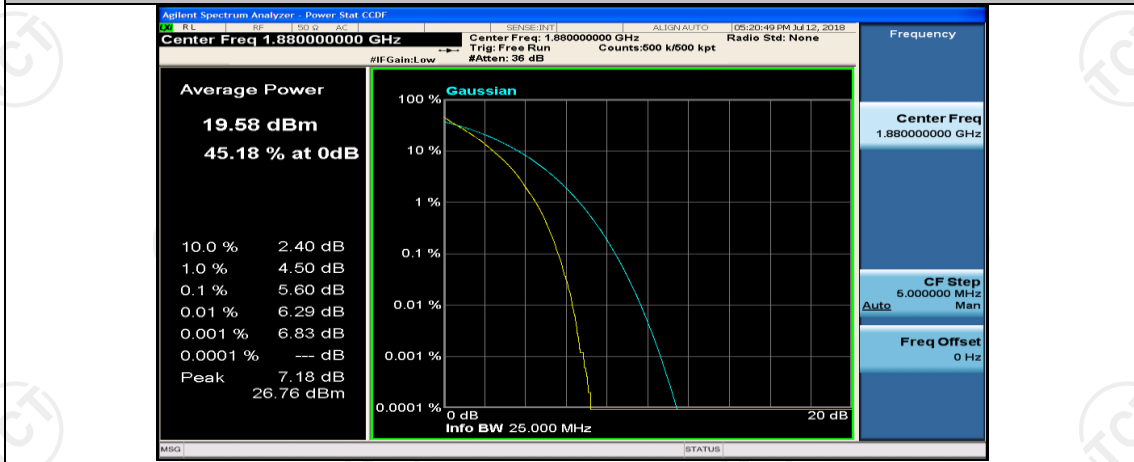
(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#25



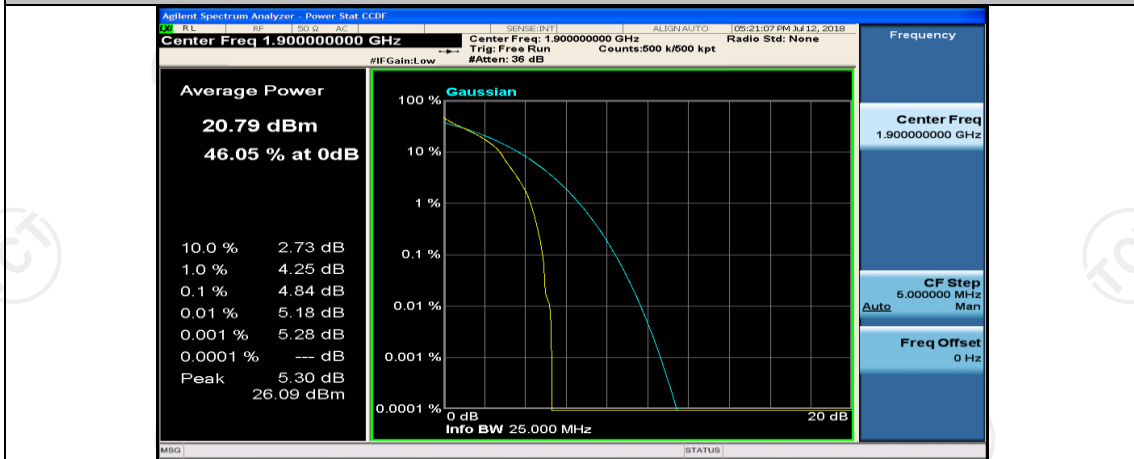
(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#50



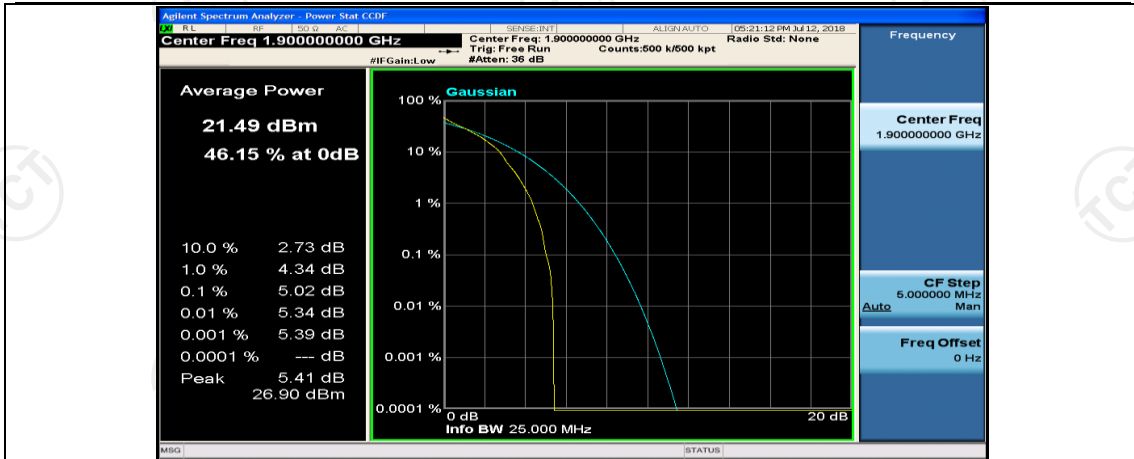
(Channel Bandwidth:20 MHz)_MCH_QPSK_100RB#0



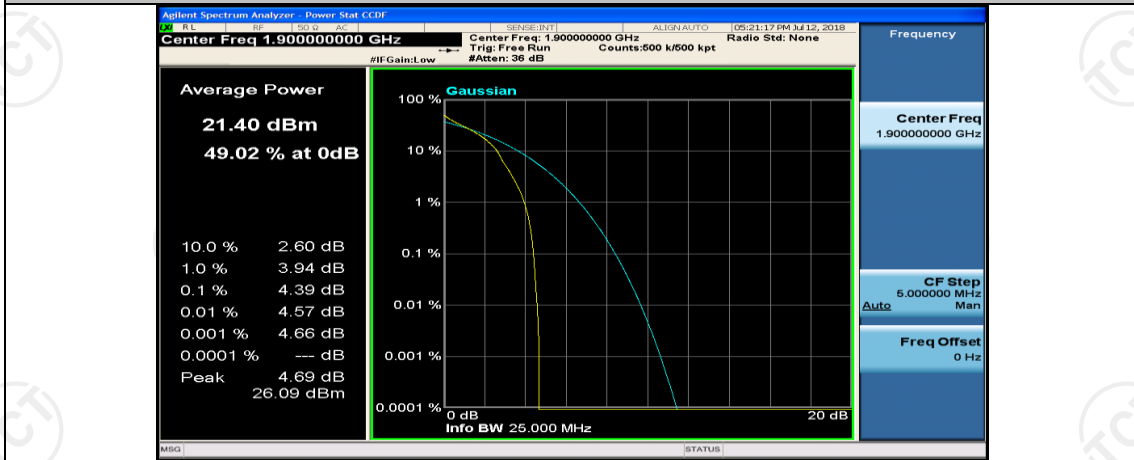
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0



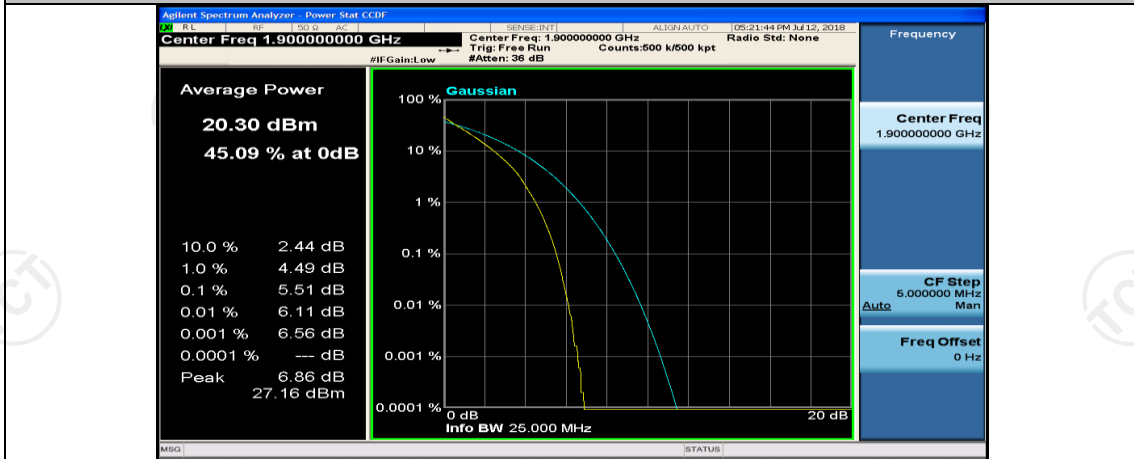
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49



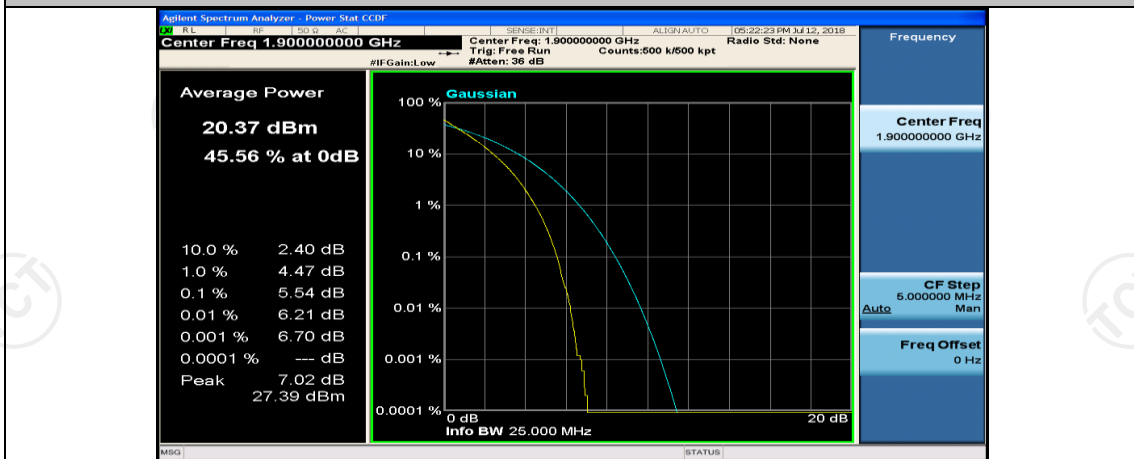
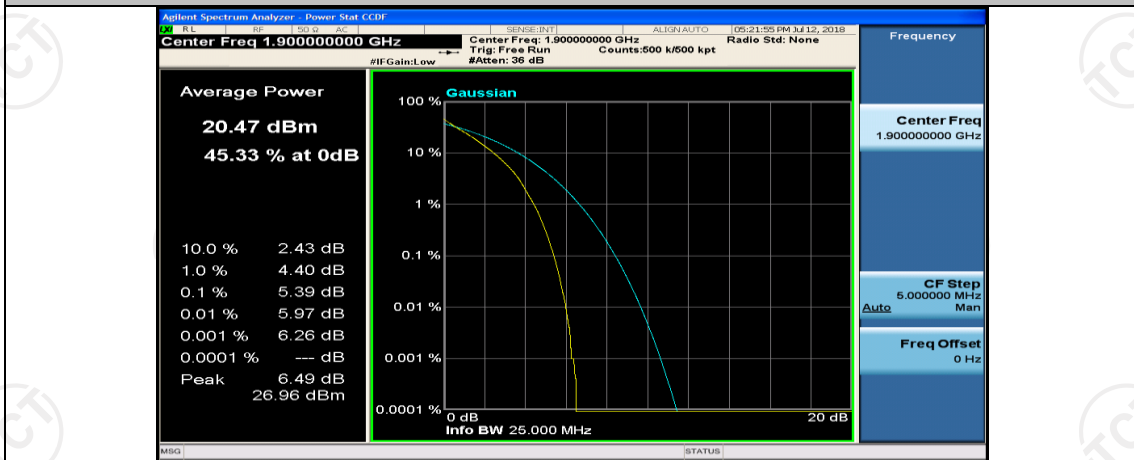
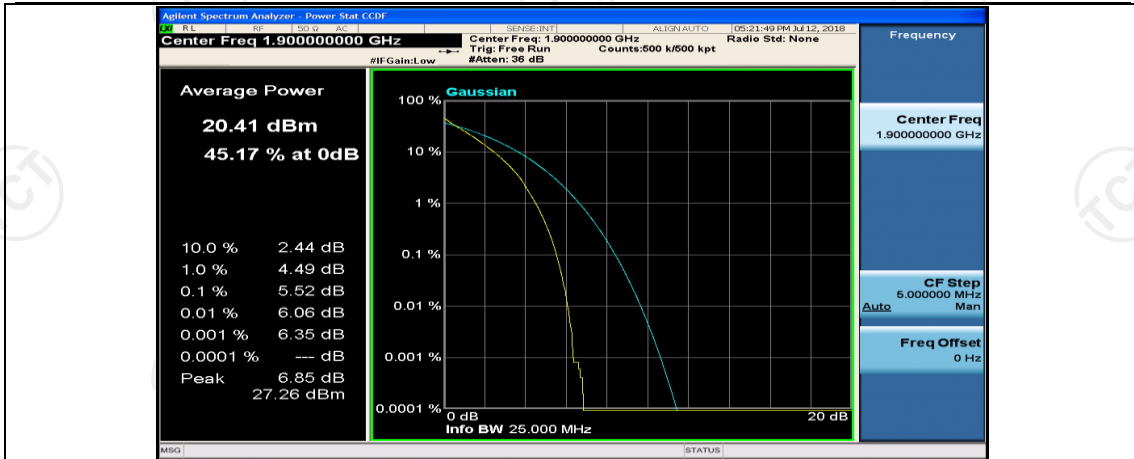
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#99



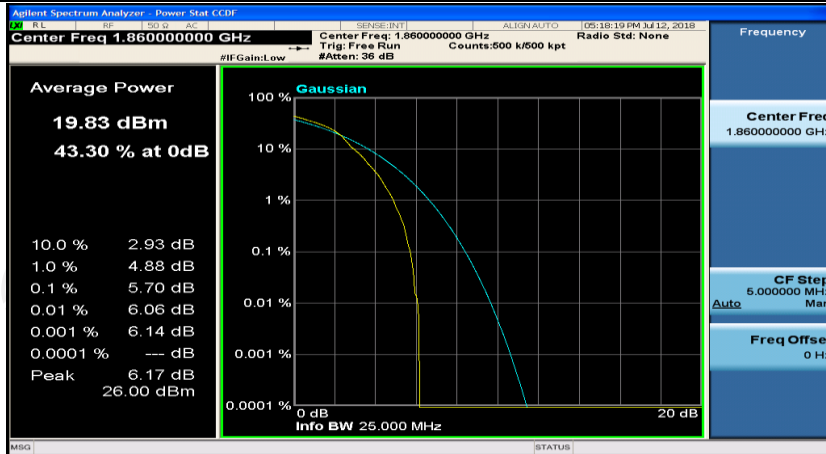
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#0



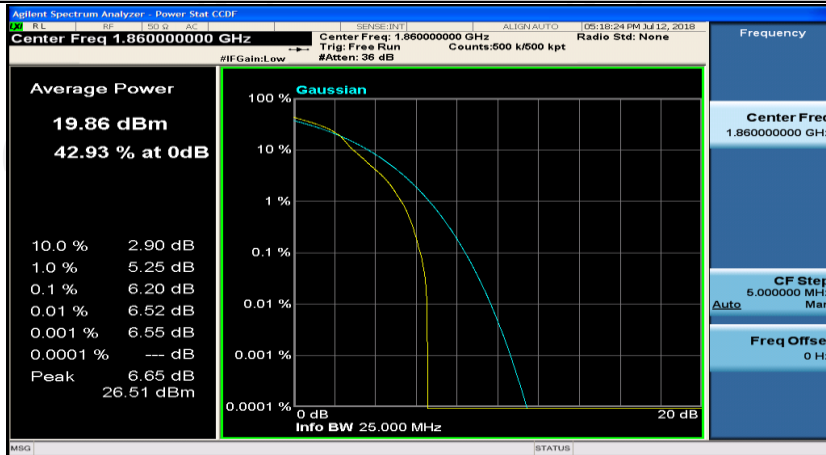
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#25



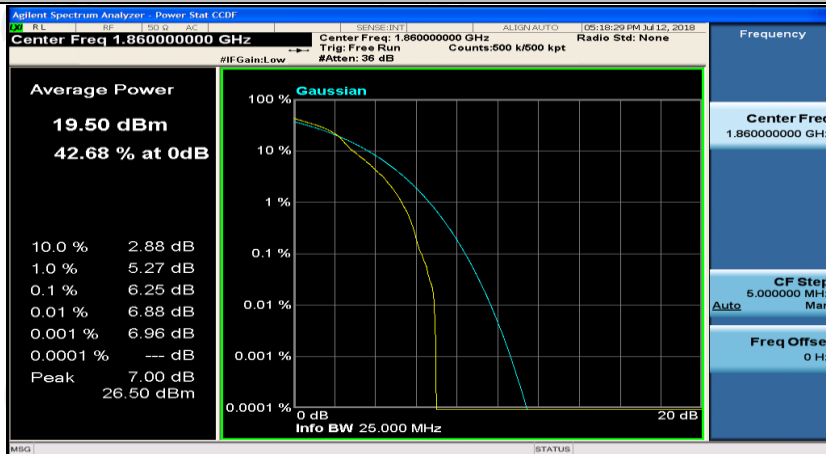
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0



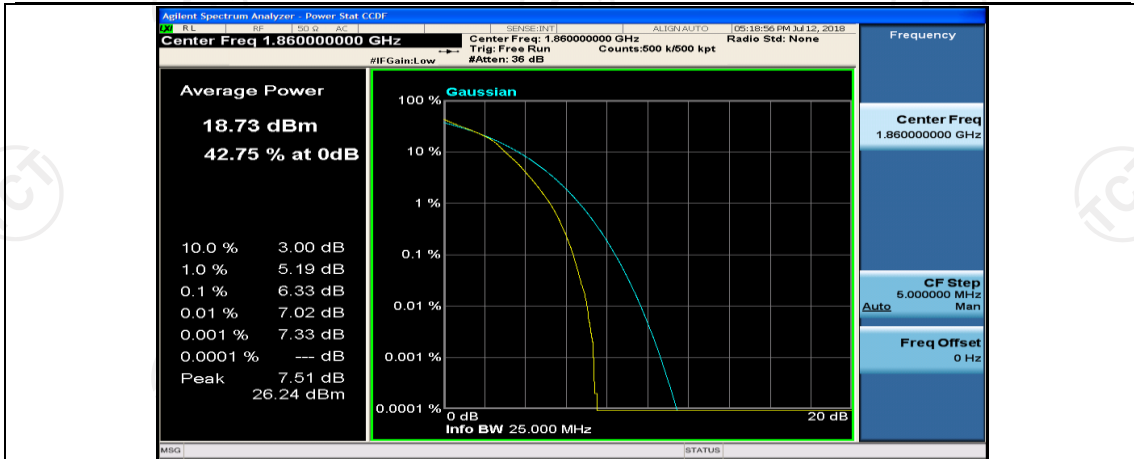
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#49



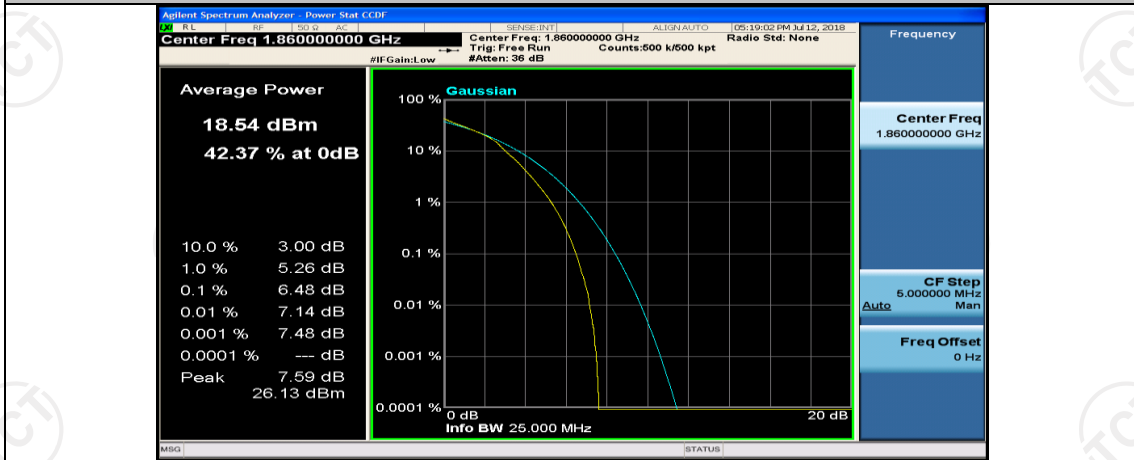
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#99



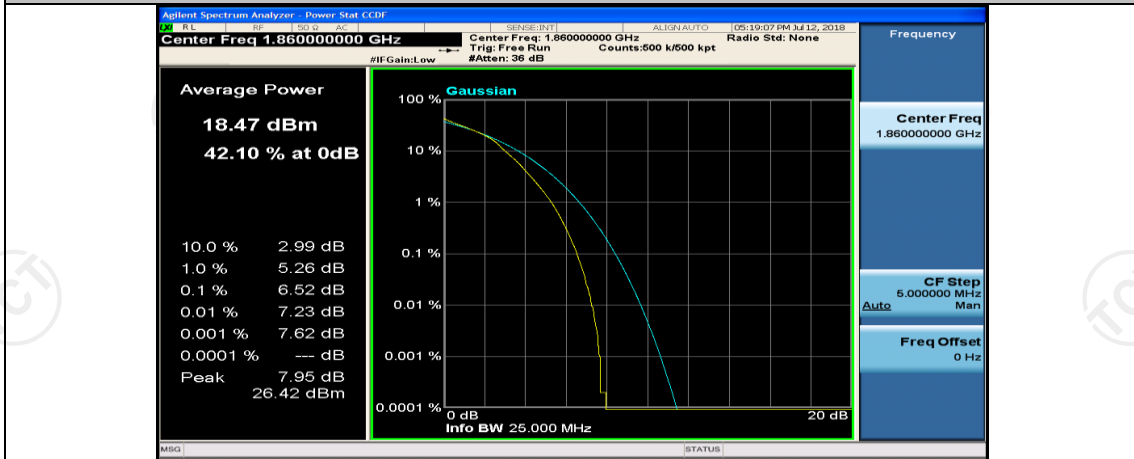
(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#0



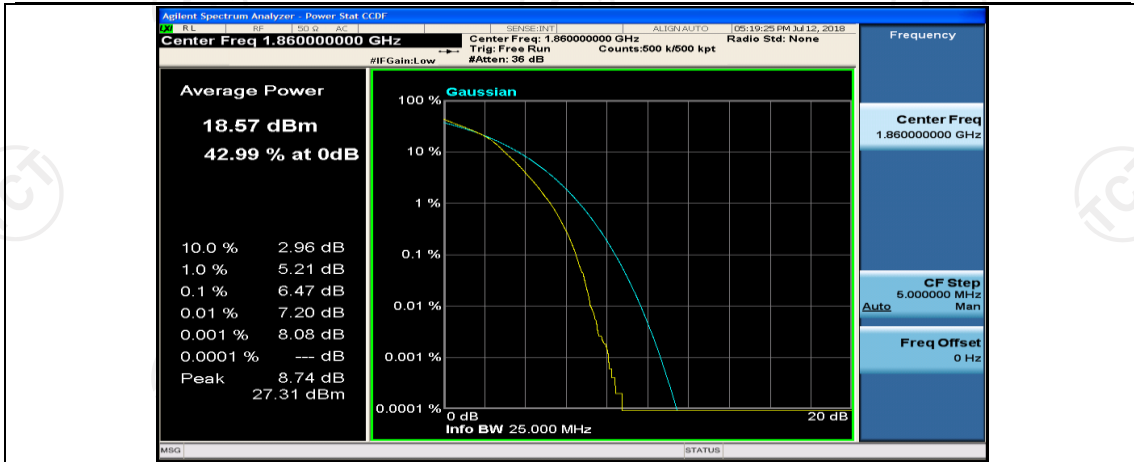
(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#25



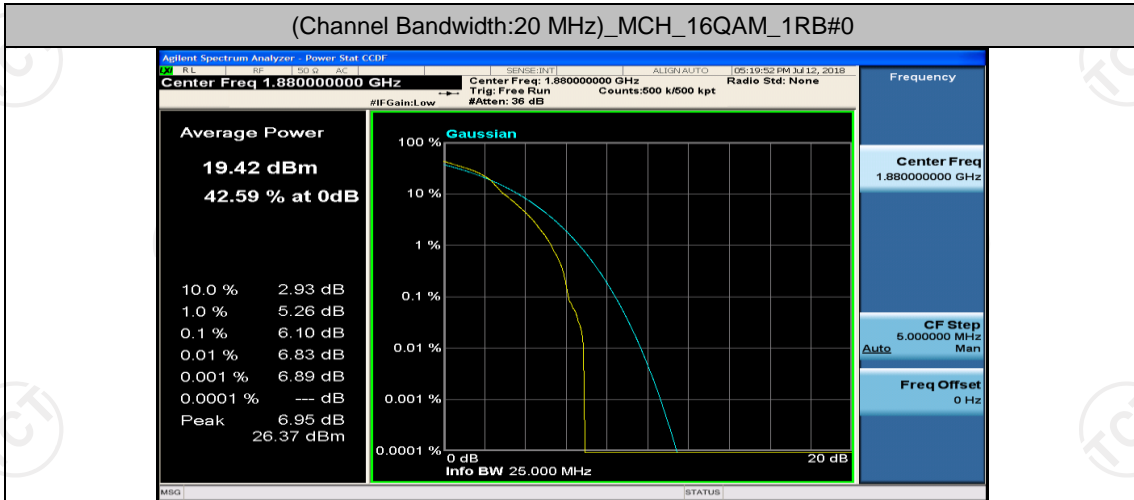
(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#50



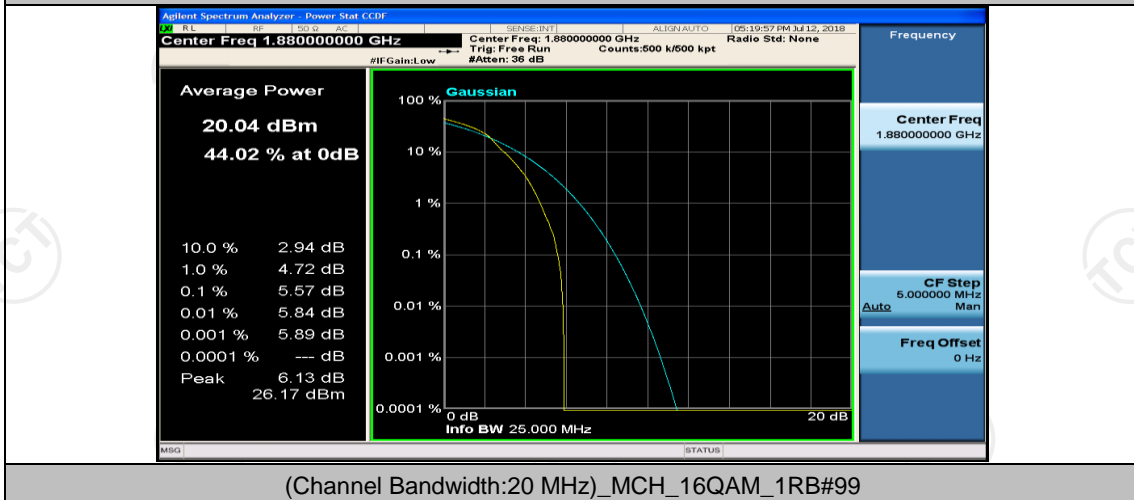
(Channel Bandwidth:20 MHz)_LCH_16QAM_100RB#0



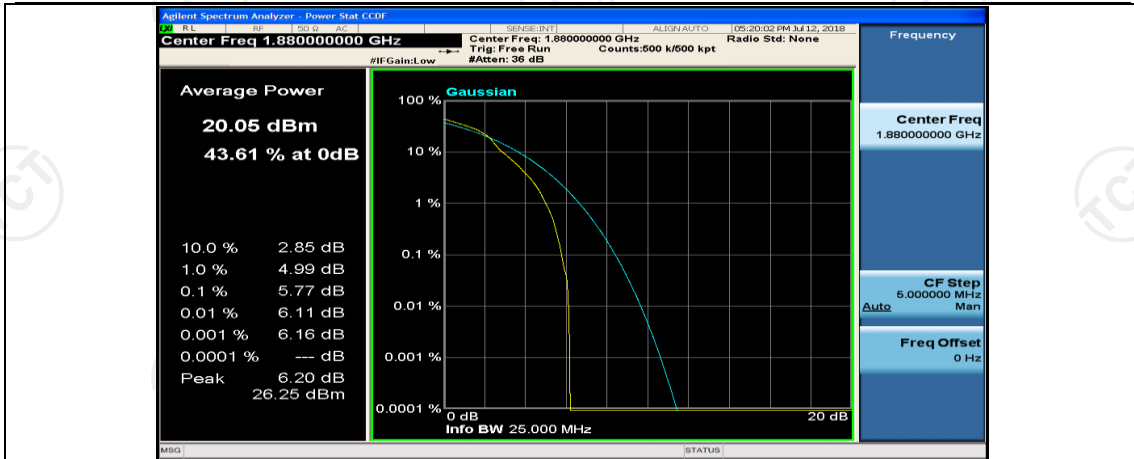
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0



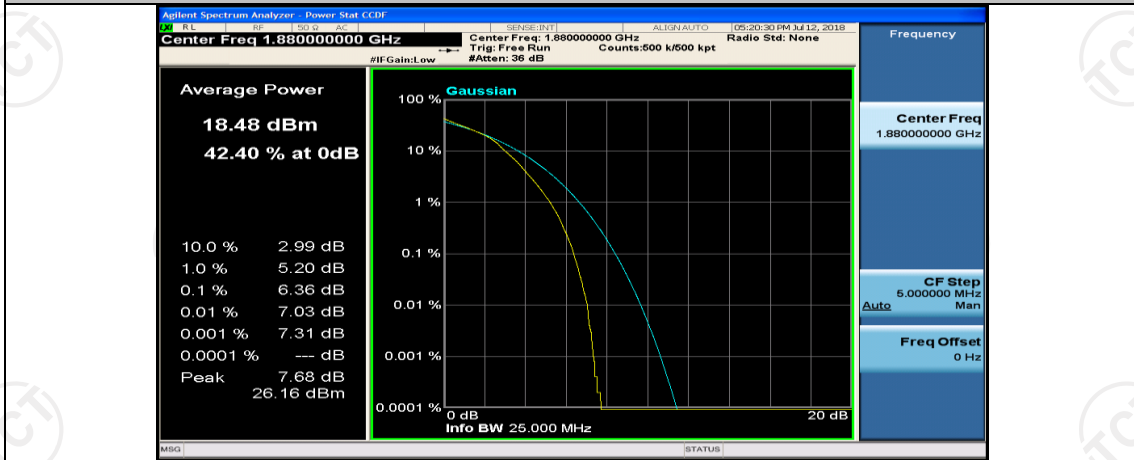
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49



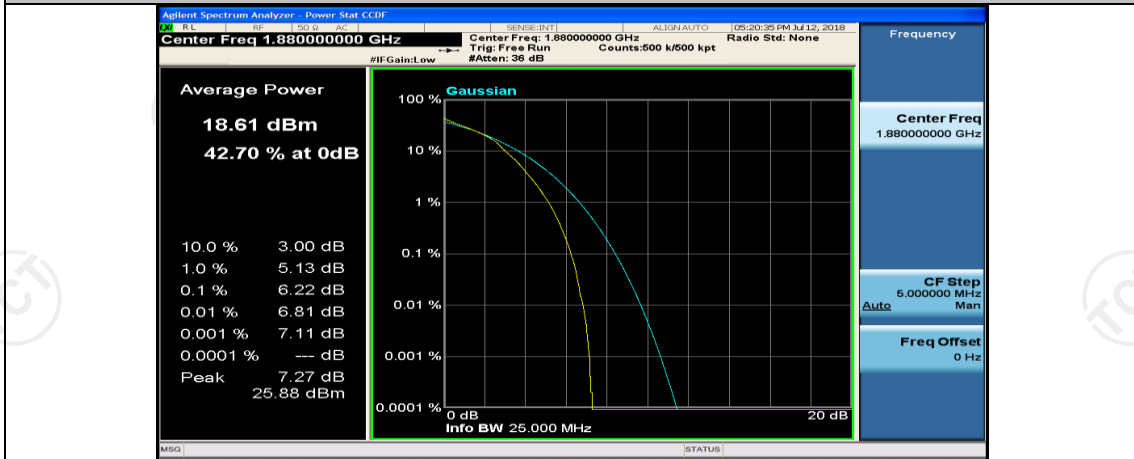
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#99



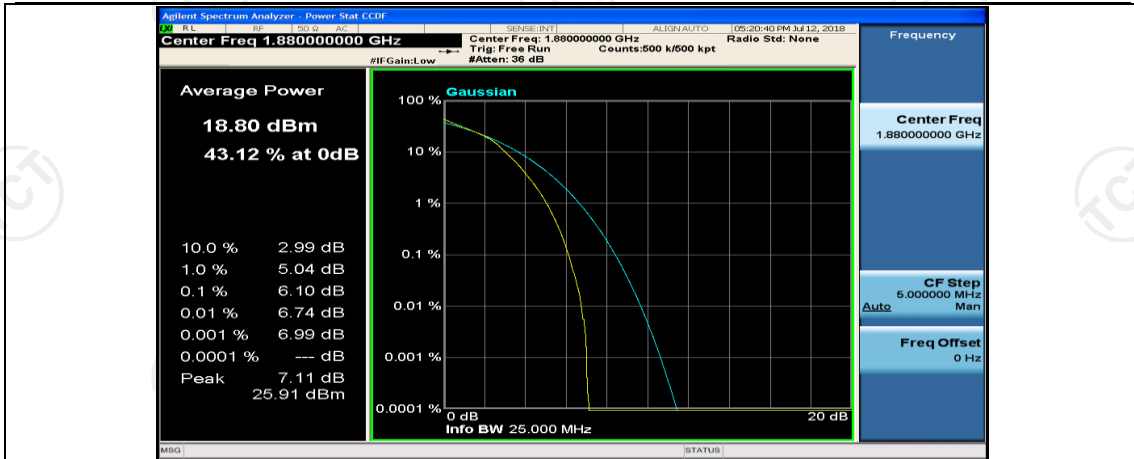
(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#0



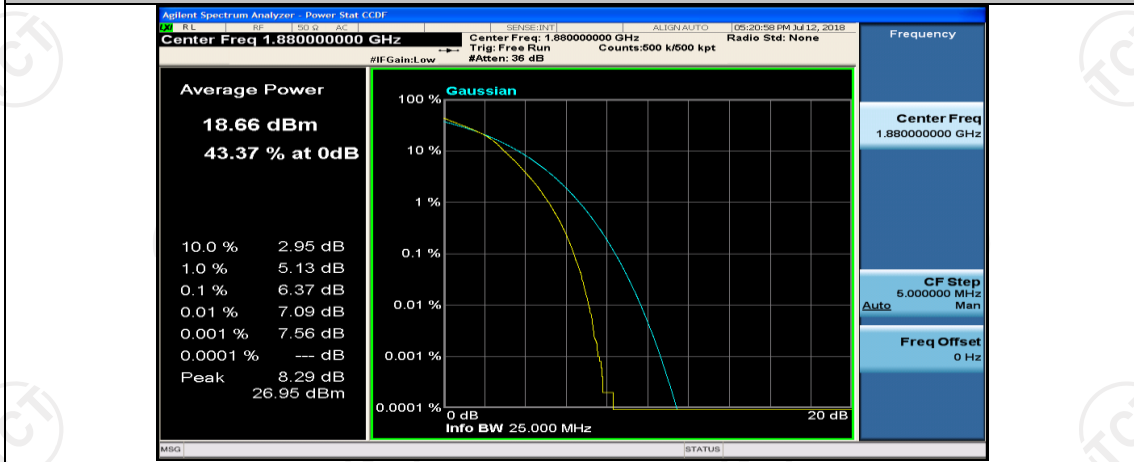
(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#25



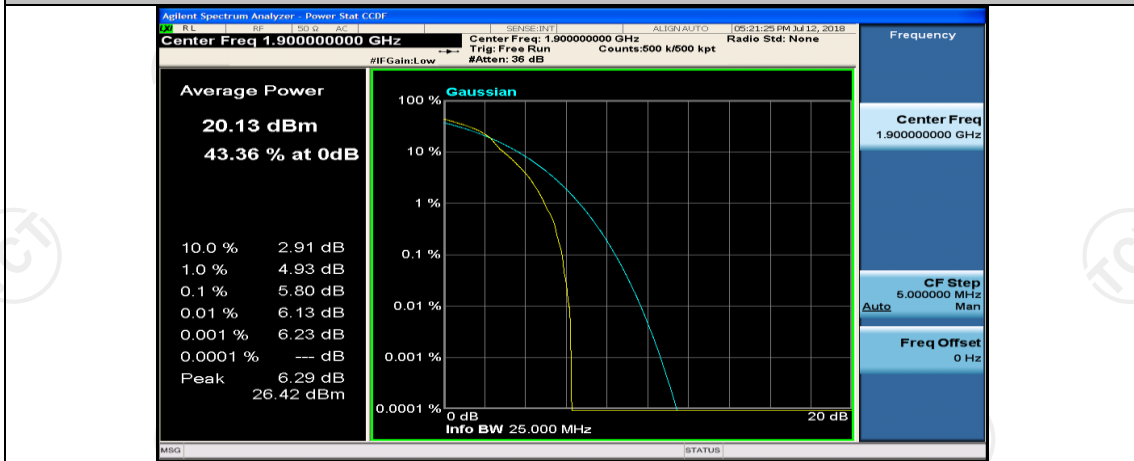
(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#50



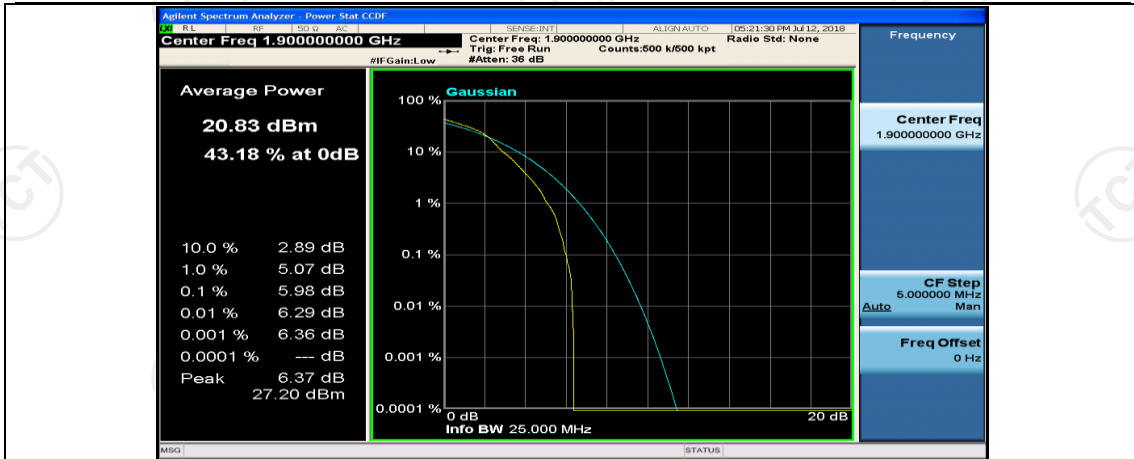
(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0



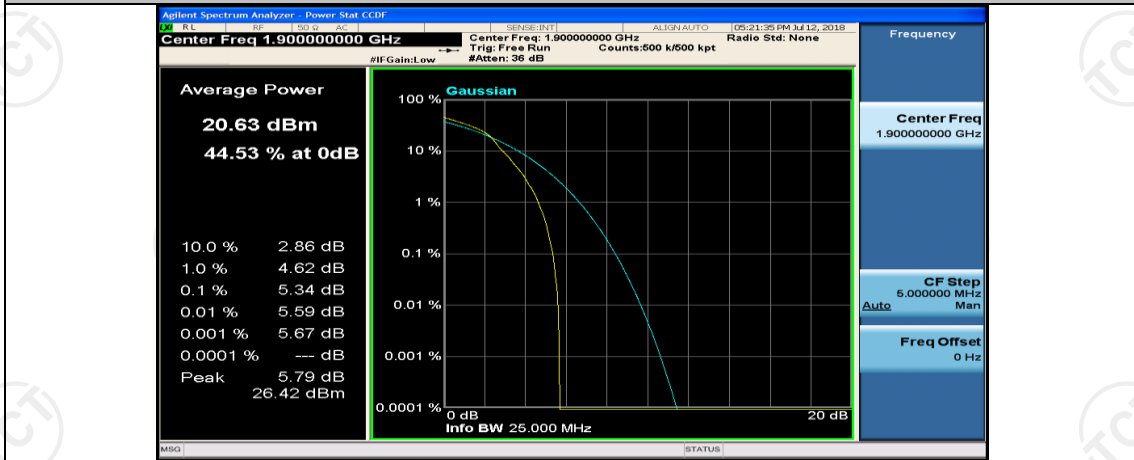
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0



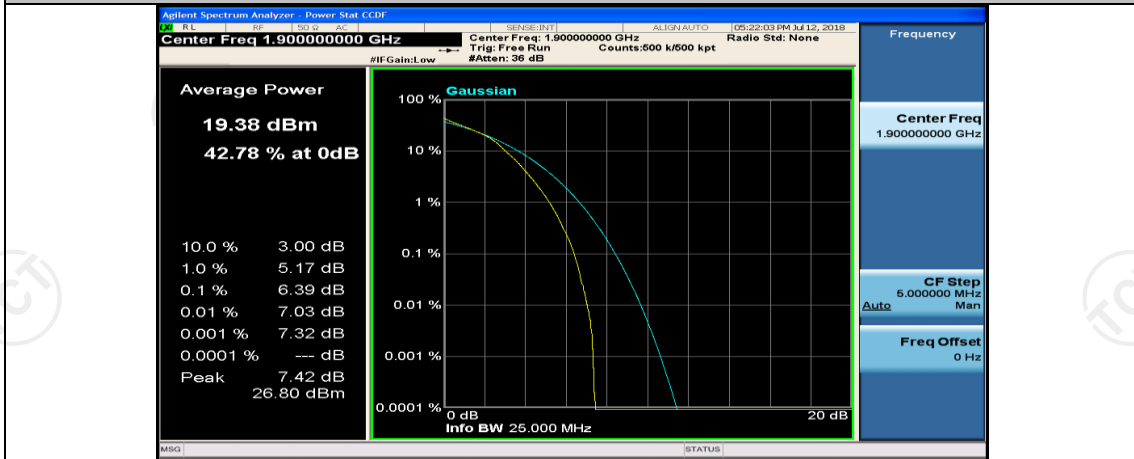
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#49



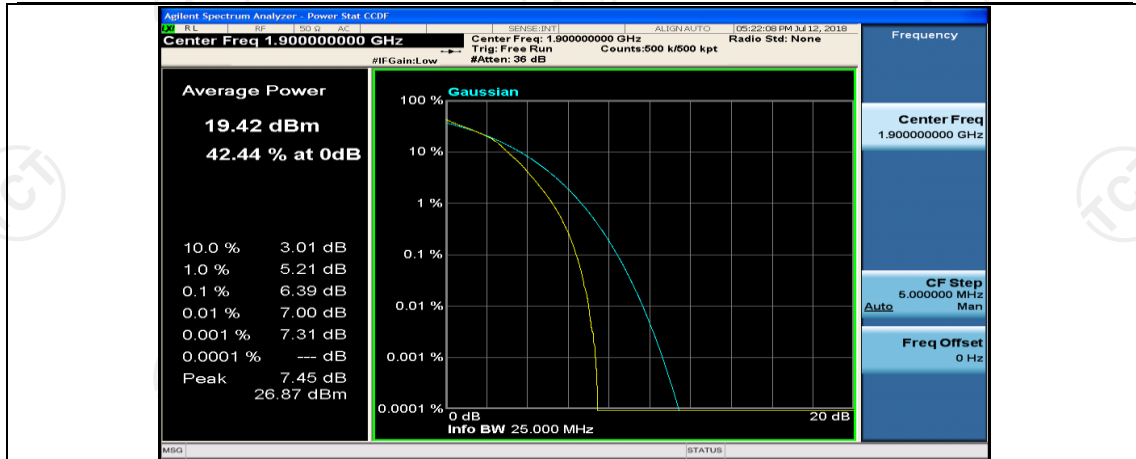
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#99



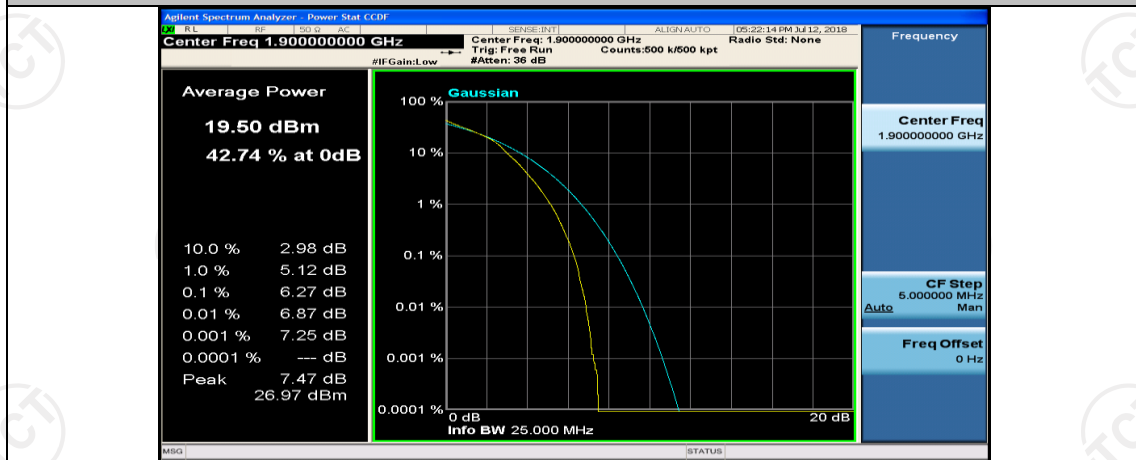
(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#0



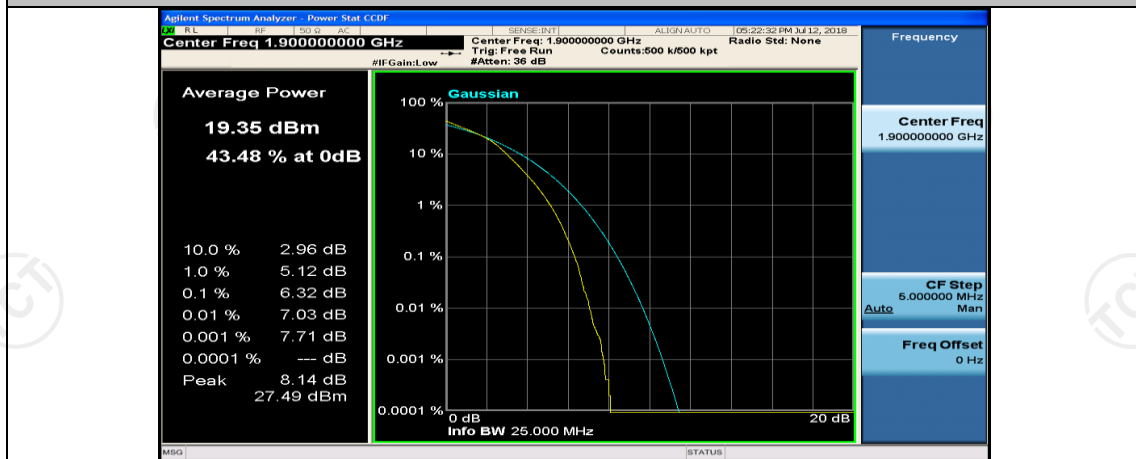
(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#25



(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#50



(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	0.22607	0.3516	PASS
		1	3	0.22579	0.3793	PASS
		1	5	0.22514	0.3540	PASS
		3	0	0.55076	0.7133	PASS
		3	2	0.54953	0.7169	PASS
		3	3	0.54927	0.7226	PASS
		6	0	1.0760	1.236	PASS
	MCH	1	0	0.22815	0.3480	PASS
		1	3	0.22484	0.3677	PASS
		1	5	0.22448	0.3657	PASS
		3	0	0.55261	0.7226	PASS
		3	2	0.55031	0.7234	PASS
		3	3	0.54988	0.7266	PASS
		6	0	1.0776	1.232	PASS
	HCH	1	0	0.23189	0.3931	PASS
		1	3	0.23291	0.3926	PASS
		1	5	0.22927	0.3693	PASS
		3	0	0.55328	0.7581	PASS
		3	2	0.55076	0.7328	PASS
		3	3	0.54977	0.7154	PASS
		6	0	1.0761	1.245	PASS
16QAM	LCH	1	0	0.23649	0.3571	PASS
		1	3	0.24101	0.3575	PASS
		1	5	0.23895	0.3663	PASS
		3	0	0.55383	0.7071	PASS
		3	2	0.55550	0.7359	PASS
		3	3	0.55572	0.7274	PASS
		6	0	1.0802	1.241	PASS
	MCH	1	0	0.24060	0.3722	PASS
		1	3	0.23087	0.3545	PASS
		1	5	0.24140	0.3675	PASS
		3	0	0.55491	0.7301	PASS

		3	2	0.55517	0.7134	PASS
		3	3	0.55670	0.7459	PASS
		6	0	1.0804	1.256	PASS
	HCH	1	0	0.24004	0.3758	PASS
		1	3	0.23577	0.3634	PASS
		1	5	0.24455	0.3858	PASS
		3	0	0.55467	0.7229	PASS
		3	2	0.55686	0.7388	PASS
		3	3	0.55831	0.7556	PASS
		6	0	1.0811	1.243	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	0.25658	0.4176	PASS
		1	7	0.26171	0.4450	PASS
		1	14	0.26073	0.3769	PASS
		8	0	1.4431	1.630	PASS
		8	4	1.4494	1.704	PASS
		8	7	1.4463	1.634	PASS
		15	0	2.6786	2.823	PASS
	MCH	1	0	0.25899	0.3991	PASS
		1	7	0.26828	0.4553	PASS
		1	14	0.26245	0.4165	PASS
		8	0	1.4442	1.659	PASS
		8	4	1.4448	1.687	PASS
		8	7	1.4443	1.616	PASS
		15	0	2.6800	2.835	PASS
	HCH	1	0	0.26769	0.4279	PASS
		1	7	0.26616	0.4698	PASS
		1	14	0.26789	0.4324	PASS
		8	0	1.4441	1.627	PASS
		8	4	1.4470	1.695	PASS
		8	7	1.4452	1.628	PASS
		15	0	2.6803	2.840	PASS
16QAM	LCH	1	0	0.26145	0.4080	PASS
		1	7	0.26236	0.4361	PASS
		1	14	0.26762	0.4155	PASS
		8	0	1.4443	1.641	PASS
		8	4	1.4473	1.688	PASS

		8	7	1.4422	1.636	PASS
		15	0	2.6799	2.833	PASS
		1	0	0.26740	0.4140	PASS
	MCH	1	7	0.27416	0.4285	PASS
		1	14	0.26868	0.4050	PASS
		8	0	1.4442	1.671	PASS
		8	4	1.4442	1.676	PASS
		8	7	1.4431	1.644	PASS
		15	0	2.6813	2.843	PASS
	HCH	1	0	0.26371	0.4063	PASS
		1	7	0.27041	0.4129	PASS
		1	14	0.27092	0.4064	PASS
		8	0	1.4439	1.647	PASS
		8	4	1.4460	1.700	PASS
		8	7	1.4467	1.642	PASS
15		0	2.6823	2.849	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	0.34238	0.5792	PASS
		1	12	0.36144	0.5846	PASS
		1	24	0.35083	0.5702	PASS
		12	0	2.1751	2.598	PASS
		12	6	2.1777	2.619	PASS
		12	13	2.1780	2.546	PASS
		25	0	4.4766	4.898	PASS
	MCH	1	0	0.33771	0.5731	PASS
		1	12	0.36024	0.6097	PASS
		1	24	0.35371	0.5932	PASS
		12	0	2.1800	2.569	PASS
		12	6	2.1780	2.545	PASS
		12	13	2.1784	2.572	PASS
		25	0	4.4765	4.934	PASS
	HCH	1	0	0.34165	0.5989	PASS
		1	12	0.36703	0.5898	PASS
		1	24	0.35713	0.5855	PASS
		12	0	2.1772	2.616	PASS
		12	6	2.1772	2.662	PASS
		12	13	2.1796	2.645	PASS

		25	0	4.4793	4.909	PASS
16QAM	LCH	1	0	0.37417	0.6055	PASS
		1	12	0.38087	0.5993	PASS
		1	24	0.36871	0.5788	PASS
		12	0	2.1822	2.659	PASS
		12	6	2.1856	2.627	PASS
		12	13	2.1810	2.561	PASS
		25	0	4.4817	4.872	PASS
	MCH	1	0	0.35797	0.5808	PASS
		1	12	0.38492	0.6007	PASS
		1	24	0.37411	0.6452	PASS
		12	0	2.1817	2.580	PASS
		12	6	2.1822	2.615	PASS
		12	13	2.1777	2.542	PASS
		25	0	4.4805	4.858	PASS
	HCH	1	0	0.36101	0.5950	PASS
		1	12	0.37929	0.5666	PASS
		1	24	0.38925	0.6450	PASS
		12	0	2.1828	2.589	PASS
		12	6	2.1794	2.658	PASS
		12	13	2.1813	2.563	PASS
		25	0	4.4813	4.872	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	0.44306	0.6658	PASS
		1	25	0.43543	0.7031	PASS
		1	49	0.43462	0.7116	PASS
		25	0	4.5098	5.020	PASS
		25	12	4.5199	5.051	PASS
		25	25	4.5291	5.061	PASS
		50	0	8.9485	9.567	PASS
	MCH	1	0	0.42999	0.7108	PASS
		1	25	0.43804	0.6998	PASS
		1	49	0.42841	0.7103	PASS
		25	0	4.5195	5.034	PASS
		25	12	4.5214	5.057	PASS
		25	25	4.5173	5.100	PASS
		50	0	8.9456	9.589	PASS

	HCH	1	0	0.42846	0.7117	PASS
		1	25	0.46124	0.7237	PASS
		1	49	0.44000	0.7083	PASS
		25	0	4.5194	5.067	PASS
		25	12	4.5154	5.130	PASS
		25	25	4.5163	5.012	PASS
		50	0	8.9523	9.529	PASS
16QAM	LCH	1	0	0.44146	0.6674	PASS
		1	25	0.44458	0.6511	PASS
		1	49	0.43630	0.6742	PASS
		25	0	4.5059	4.984	PASS
		25	12	4.5146	5.026	PASS
		25	25	4.5070	5.020	PASS
		50	0	8.9423	9.528	PASS
	MCH	1	0	0.43937	0.7076	PASS
		1	25	0.44320	0.6702	PASS
		1	49	0.45442	0.6584	PASS
		25	0	4.5214	5.026	PASS
		25	12	4.5151	5.062	PASS
		25	25	4.5112	5.015	PASS
		50	0	8.9538	9.505	PASS
	HCH	1	0	0.45291	0.7180	PASS
		1	25	0.42508	0.6572	PASS
		1	49	0.44769	0.6616	PASS
		25	0	4.5122	5.039	PASS
		25	12	4.5154	5.114	PASS
		25	25	4.5092	4.991	PASS
		50	0	8.9467	9.523	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	0.54642	0.8577	PASS
		1	37	0.55118	0.7979	PASS
		1	74	0.51976	0.7855	PASS
		37	0	6.4921	7.084	PASS
		37	18	6.4978	7.232	PASS
		37	38	6.4801	7.051	PASS
		75	0	13.425	14.19	PASS
	MCH	1	0	0.53876	0.7817	PASS

16QAM		1	37	0.55497	0.7994	PASS
		1	74	0.52332	0.8430	PASS
		37	0	6.4851	7.098	PASS
		37	18	6.4960	7.206	PASS
		37	38	6.4864	7.113	PASS
		75	0	13.423	14.11	PASS
	HCH	1	0	0.53072	0.8357	PASS
		1	37	0.54390	0.7700	PASS
		1	74	0.52060	0.8139	PASS
		37	0	6.4947	7.109	PASS
		37	18	6.4931	7.248	PASS
		37	38	6.4933	7.117	PASS
	LCH	75	0	13.400	14.20	PASS
		1	0	0.54802	0.8417	PASS
		1	37	0.54878	0.8397	PASS
		1	74	0.52488	0.8274	PASS
		37	0	6.4933	7.137	PASS
		37	18	6.4978	7.113	PASS
	MCH	37	38	6.4909	7.108	PASS
		75	0	13.416	14.10	PASS
		1	0	0.52536	0.8532	PASS
1		37	0.54517	0.7463	PASS	
1		74	0.53389	0.7485	PASS	
37		0	6.5017	7.134	PASS	
HCH	37	18	6.4870	7.180	PASS	
	37	38	6.4842	7.159	PASS	
	75	0	13.412	14.23	PASS	
	1	0	0.54450	0.7917	PASS	
	1	37	0.53522	0.7850	PASS	
	1	74	0.52143	0.8241	PASS	
		37	0	6.4939	7.149	PASS
		37	18	6.4988	7.240	PASS
		37	38	6.4940	7.167	PASS
		75	0	13.412	14.11	PASS

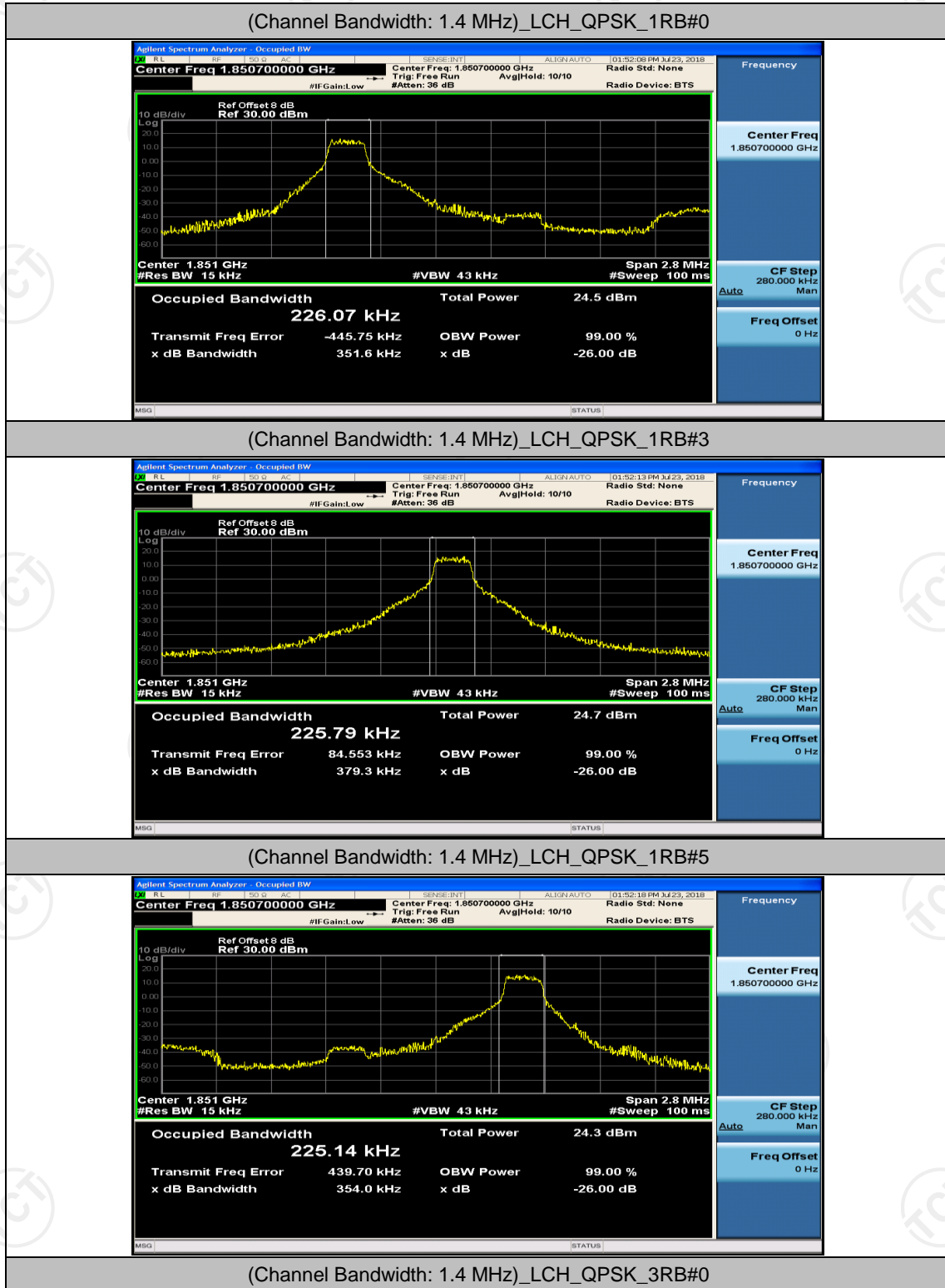
Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.59684	0.8905	PASS
		1	50	0.61551	0.8774	PASS
		1	99	0.60743	0.9145	PASS
		50	0	8.9943	9.698	PASS
		50	25	9.0017	9.830	PASS
		50	50	8.9907	9.648	PASS
		100	0	17.886	18.62	PASS
	MCH	1	0	0.60554	0.8827	PASS
		1	50	0.61356	0.9118	PASS
		1	99	0.60797	0.8389	PASS
		50	0	8.9978	9.625	PASS
		50	25	8.9931	9.816	PASS
		50	50	8.9982	9.663	PASS
		100	0	17.863	18.72	PASS
	HCH	1	0	0.60985	0.9283	PASS
		1	50	0.60988	0.8952	PASS
		1	99	0.60638	0.8885	PASS
		50	0	9.0057	9.747	PASS
		50	25	8.9974	9.734	PASS
		50	50	9.0014	9.711	PASS
		100	0	17.856	18.64	PASS
16QAM	LCH	1	0	0.60781	0.8440	PASS
		1	50	0.60292	0.9177	PASS
		1	99	0.60270	0.8290	PASS
		50	0	8.9846	9.602	PASS
		50	25	9.0045	9.766	PASS
		50	50	8.9931	9.821	PASS
		100	0	17.887	18.71	PASS
	MCH	1	0	0.61403	0.9999	PASS
		1	50	0.61251	0.8931	PASS
		1	99	0.60766	0.8763	PASS
		50	0	8.9994	9.653	PASS
		50	25	8.9885	9.733	PASS
		50	50	8.9758	9.642	PASS
		100	0	17.883	18.66	PASS

HCH	1	0	0.60463	0.8716	PASS
	1	50	0.60455	0.9020	PASS
	1	99	0.60477	0.8389	PASS
	50	0	8.9926	9.583	PASS
	50	25	8.9934	9.709	PASS
	50	50	8.9926	9.816	PASS
	100	0	17.868	18.69	PASS

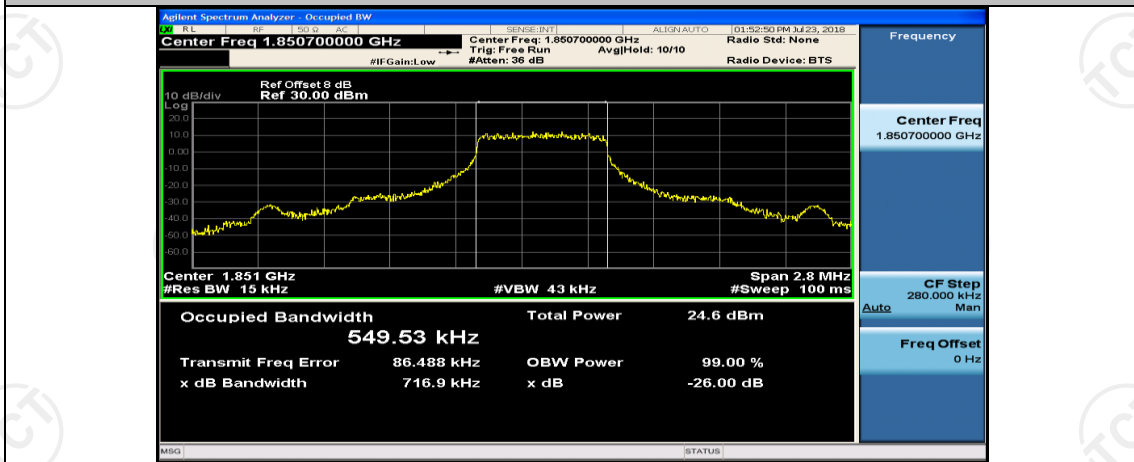
Test Graphs

Channel Bandwidth: 1.4 MHz

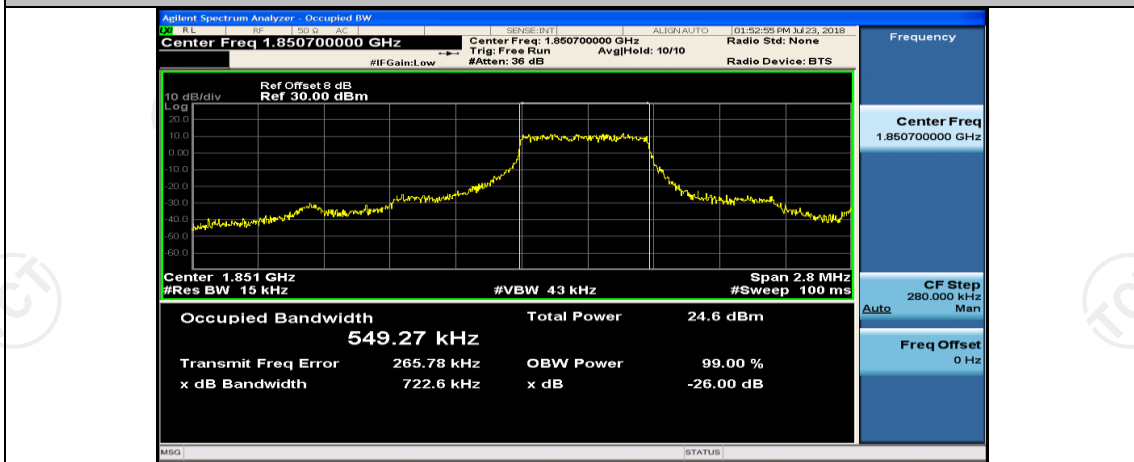




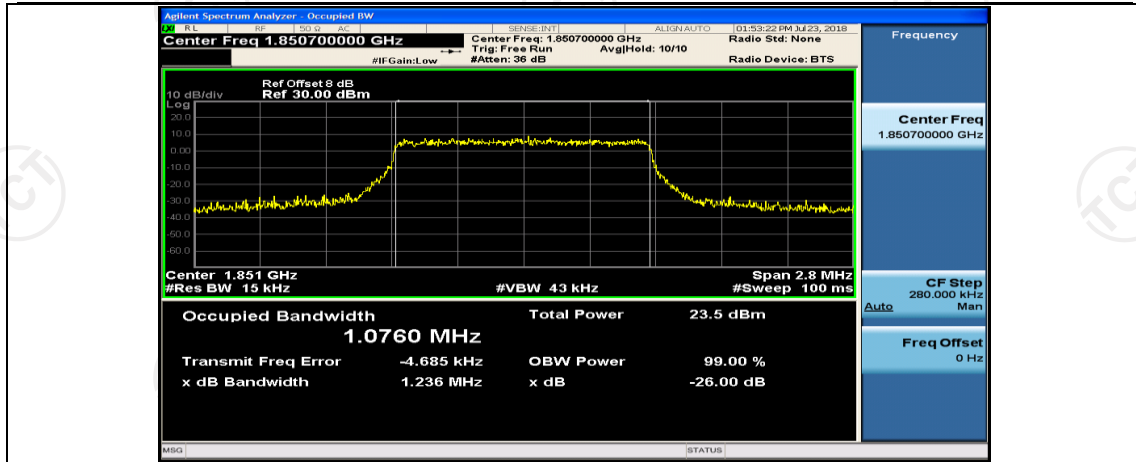
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2



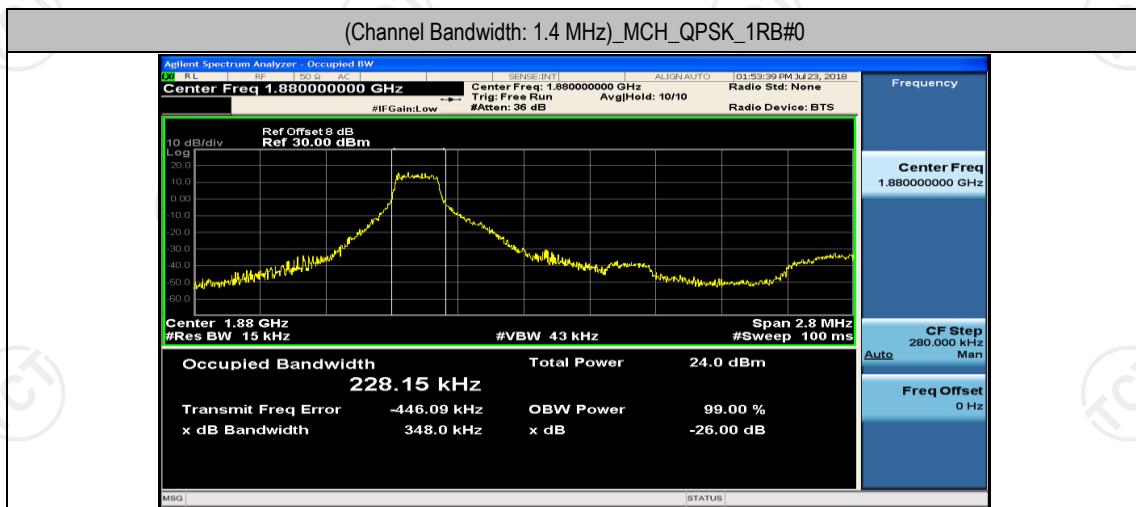
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#3



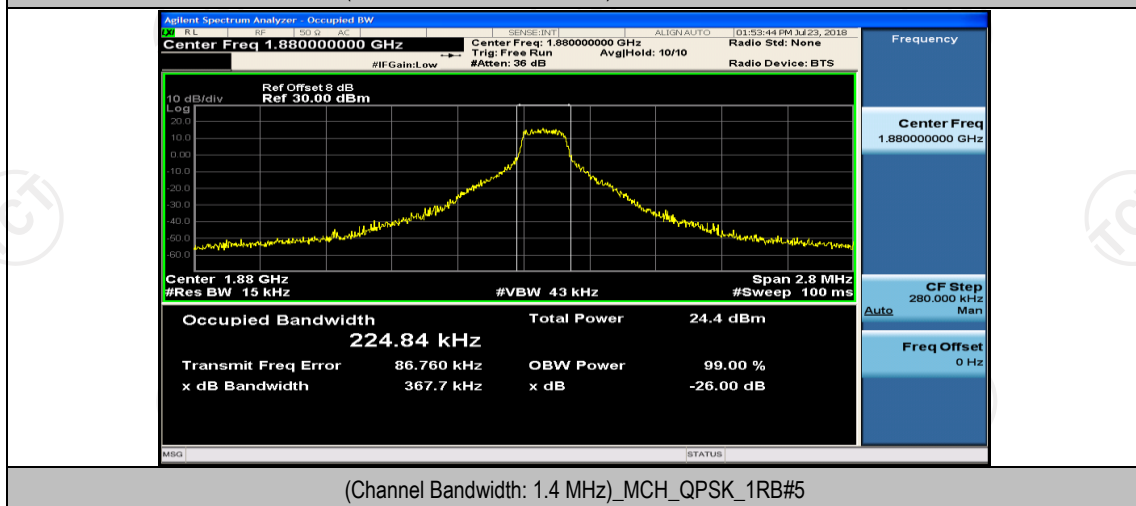
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



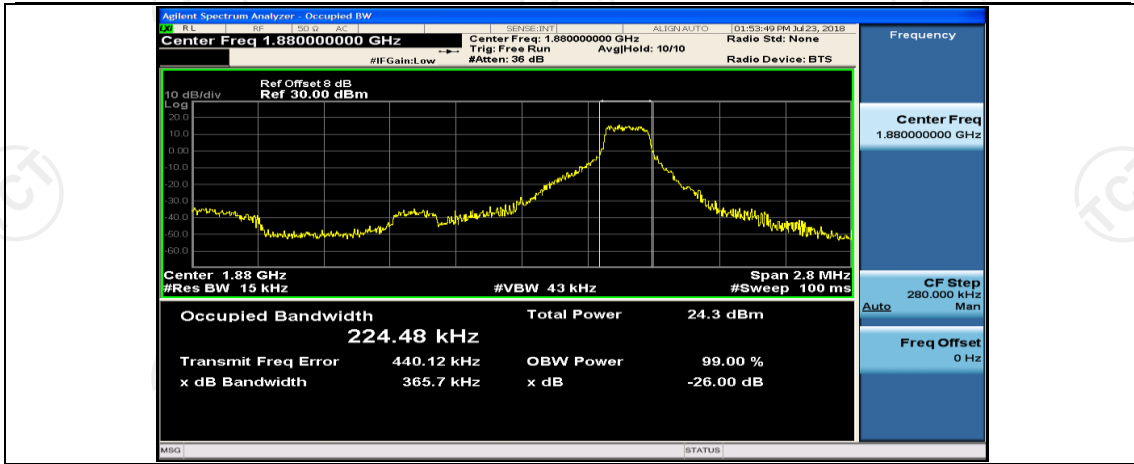
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



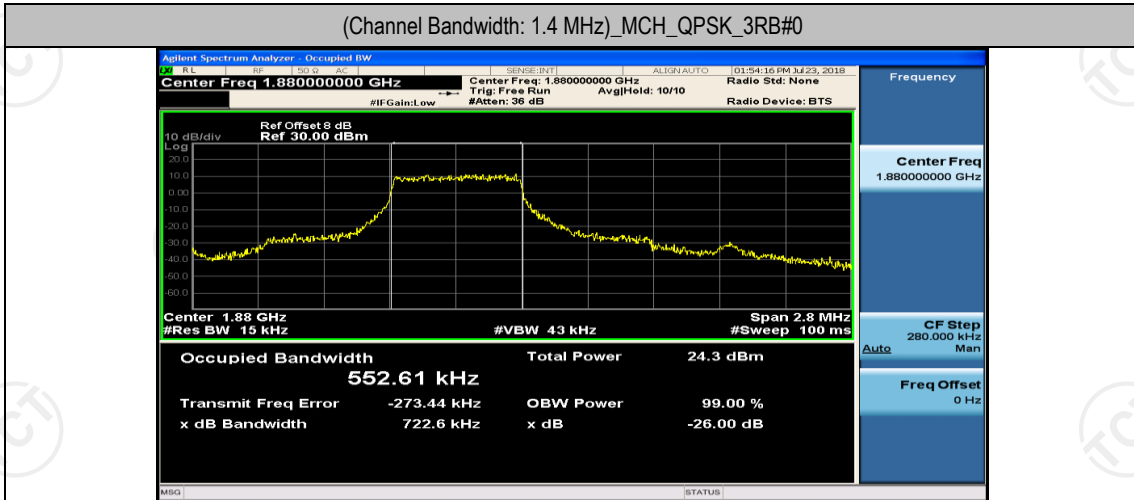
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



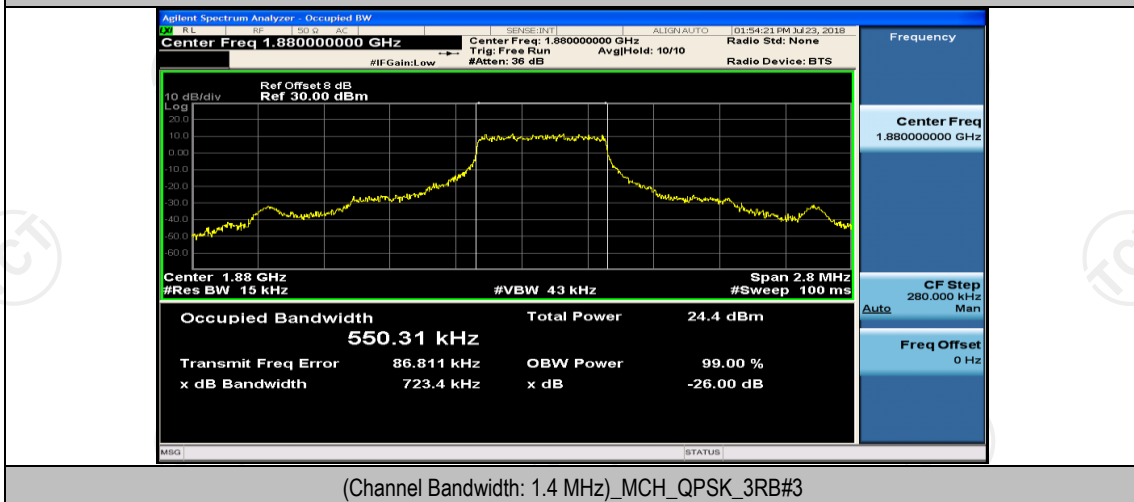
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5



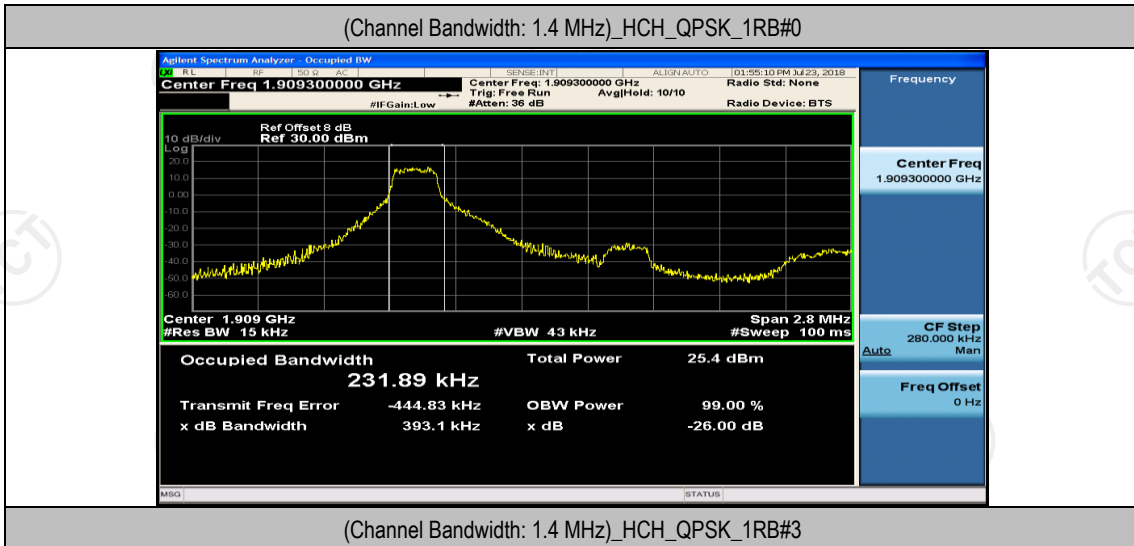
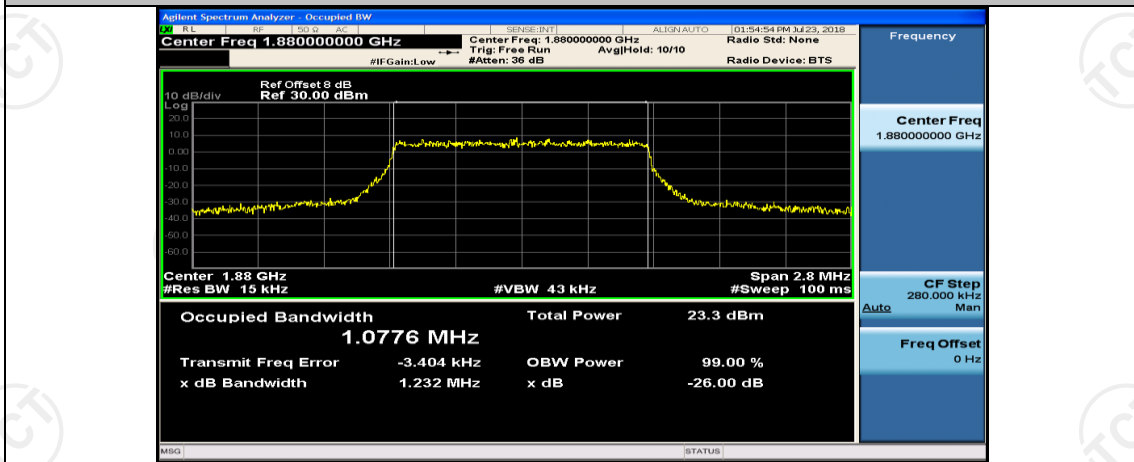
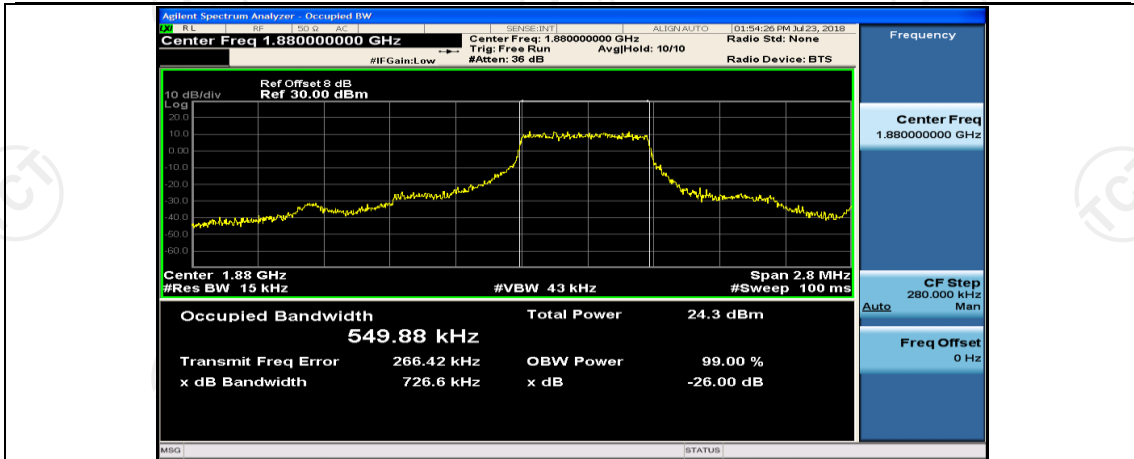
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#0

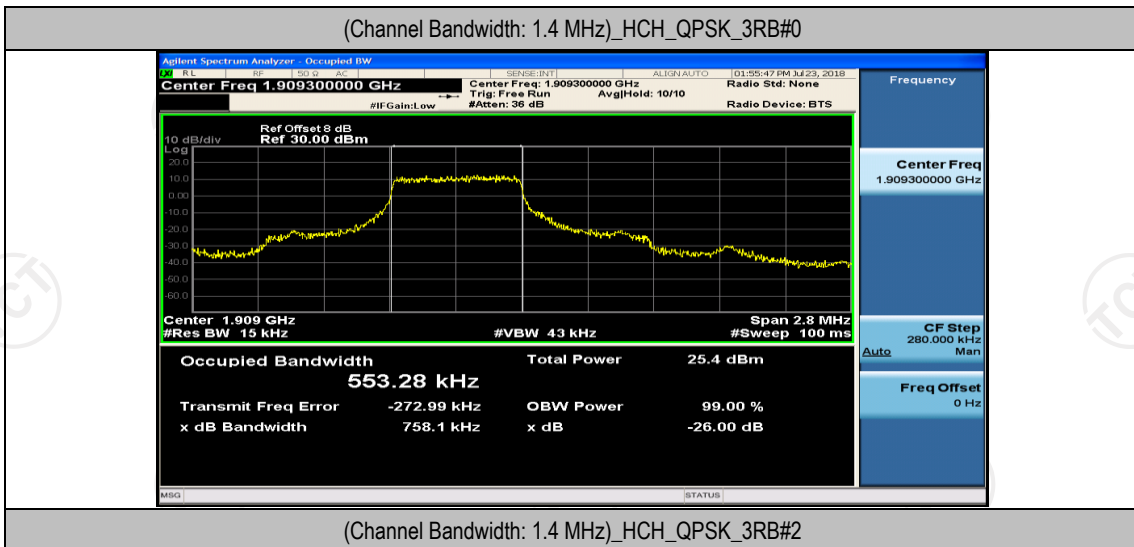
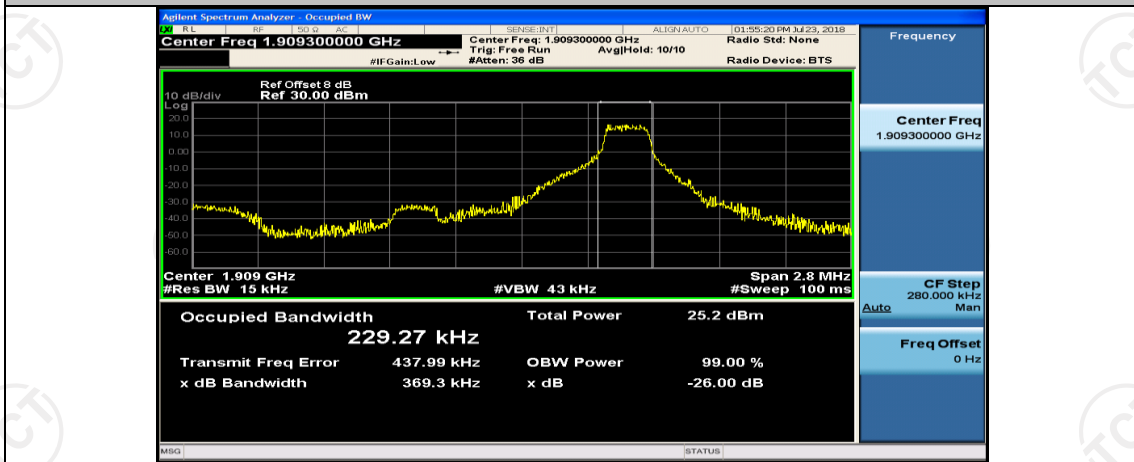
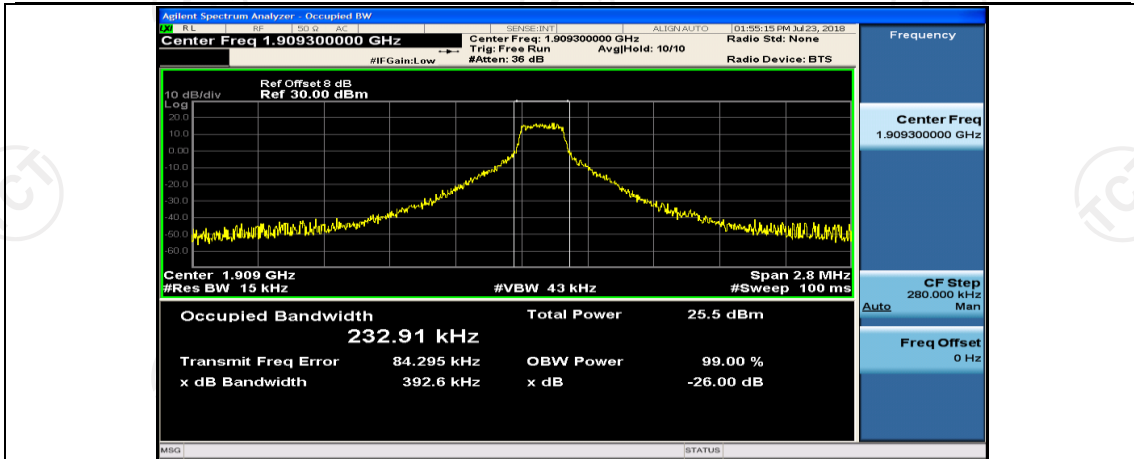


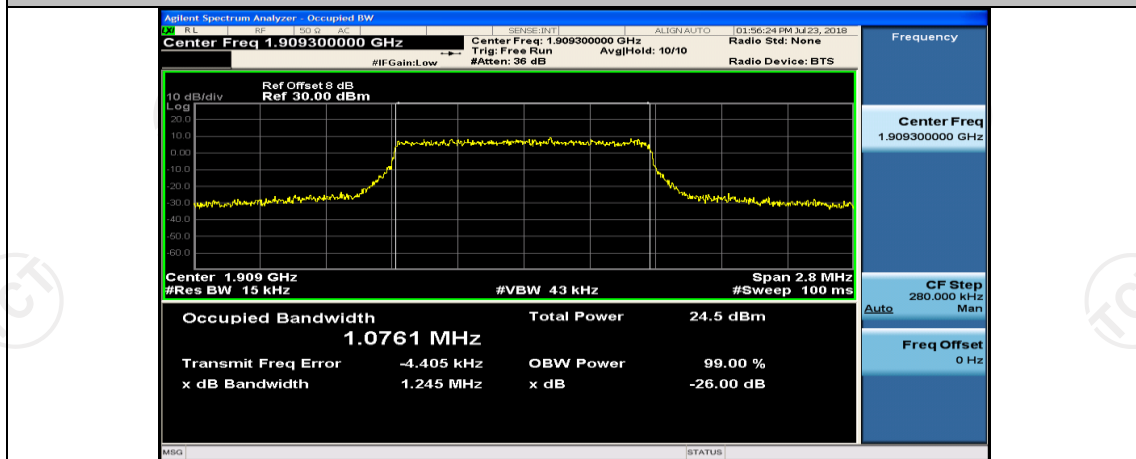
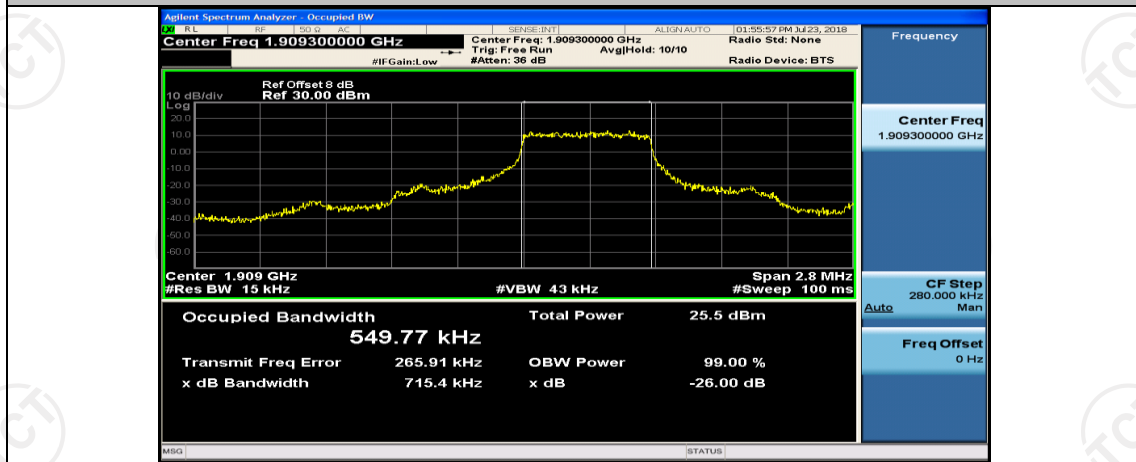
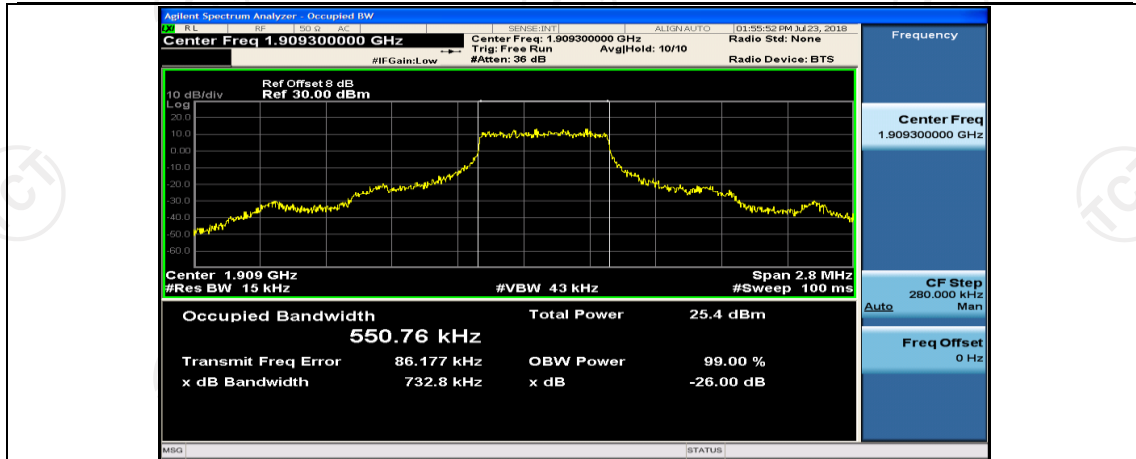
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#2

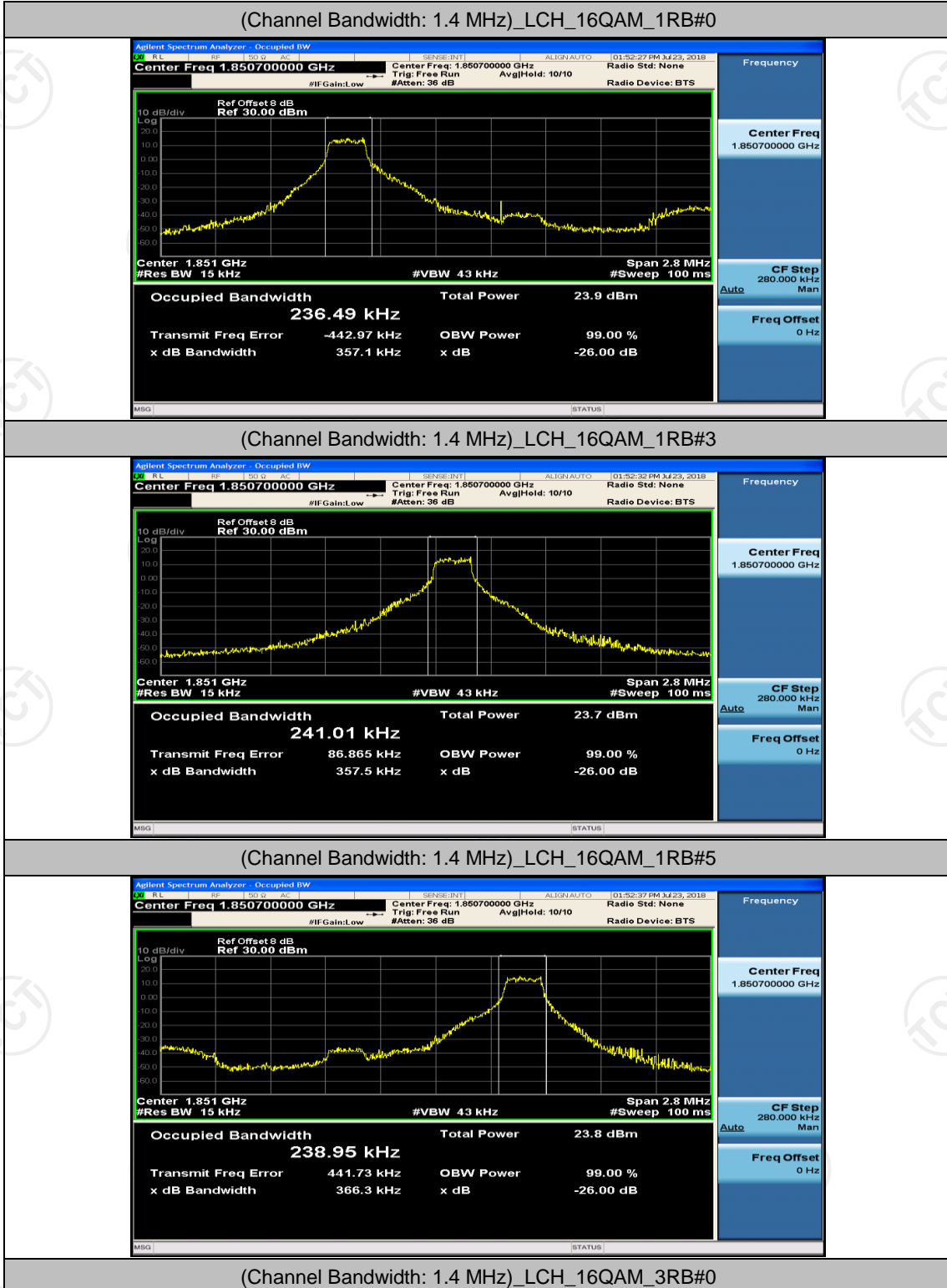


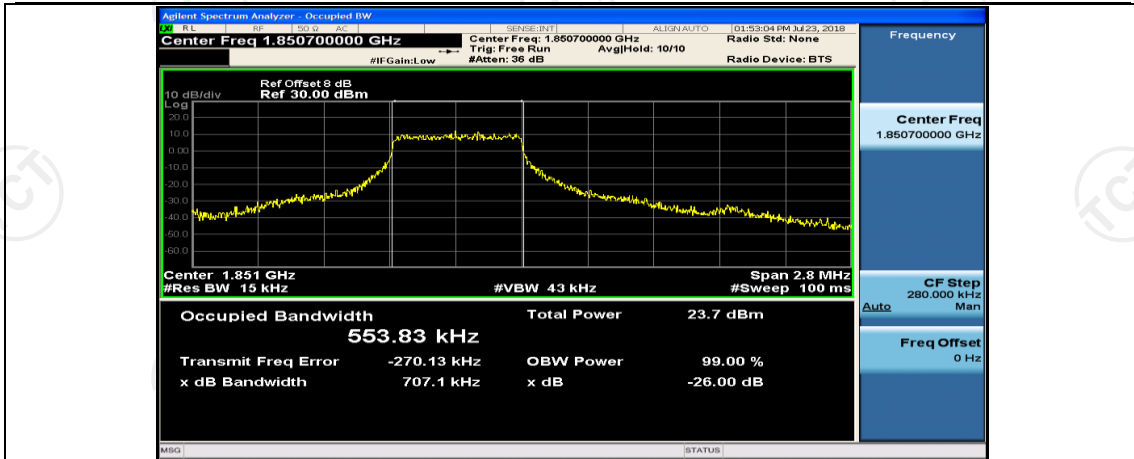
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#3



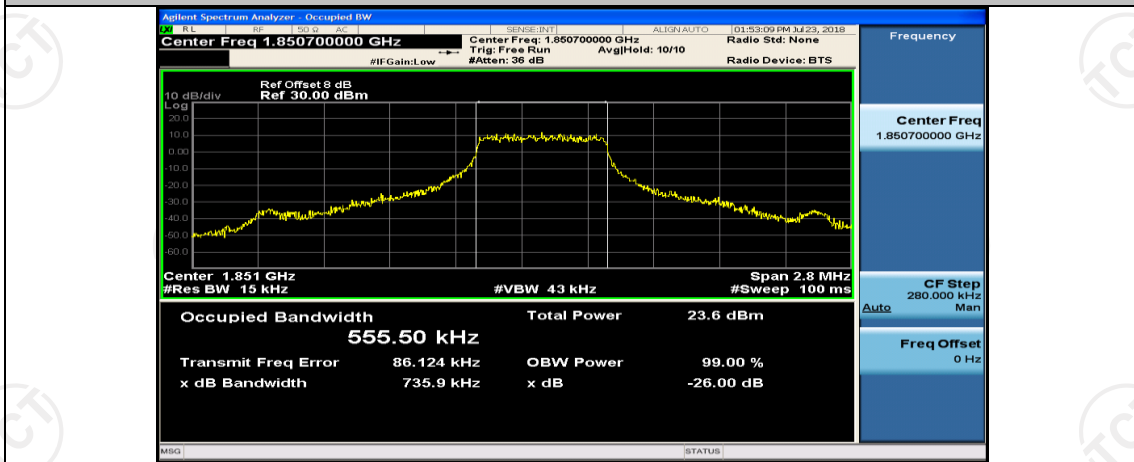




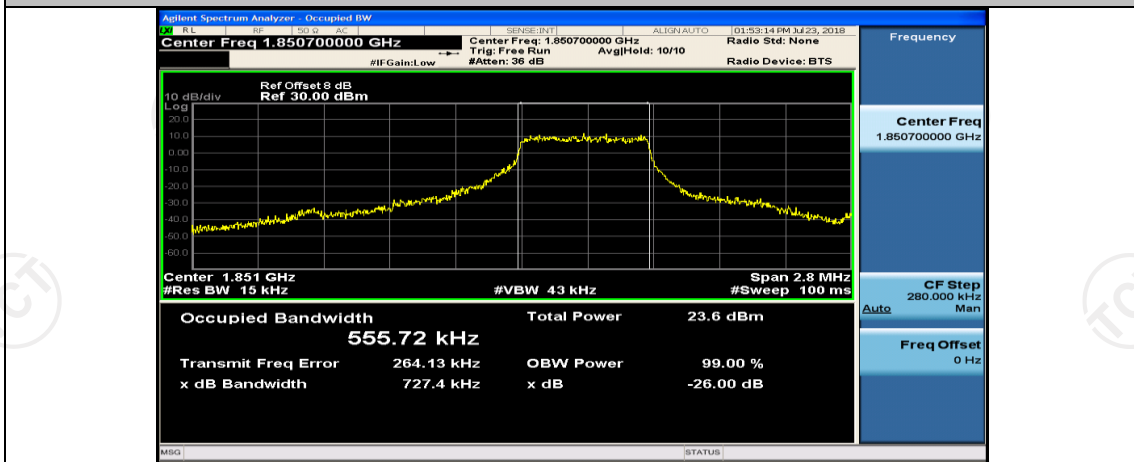




(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#2



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0