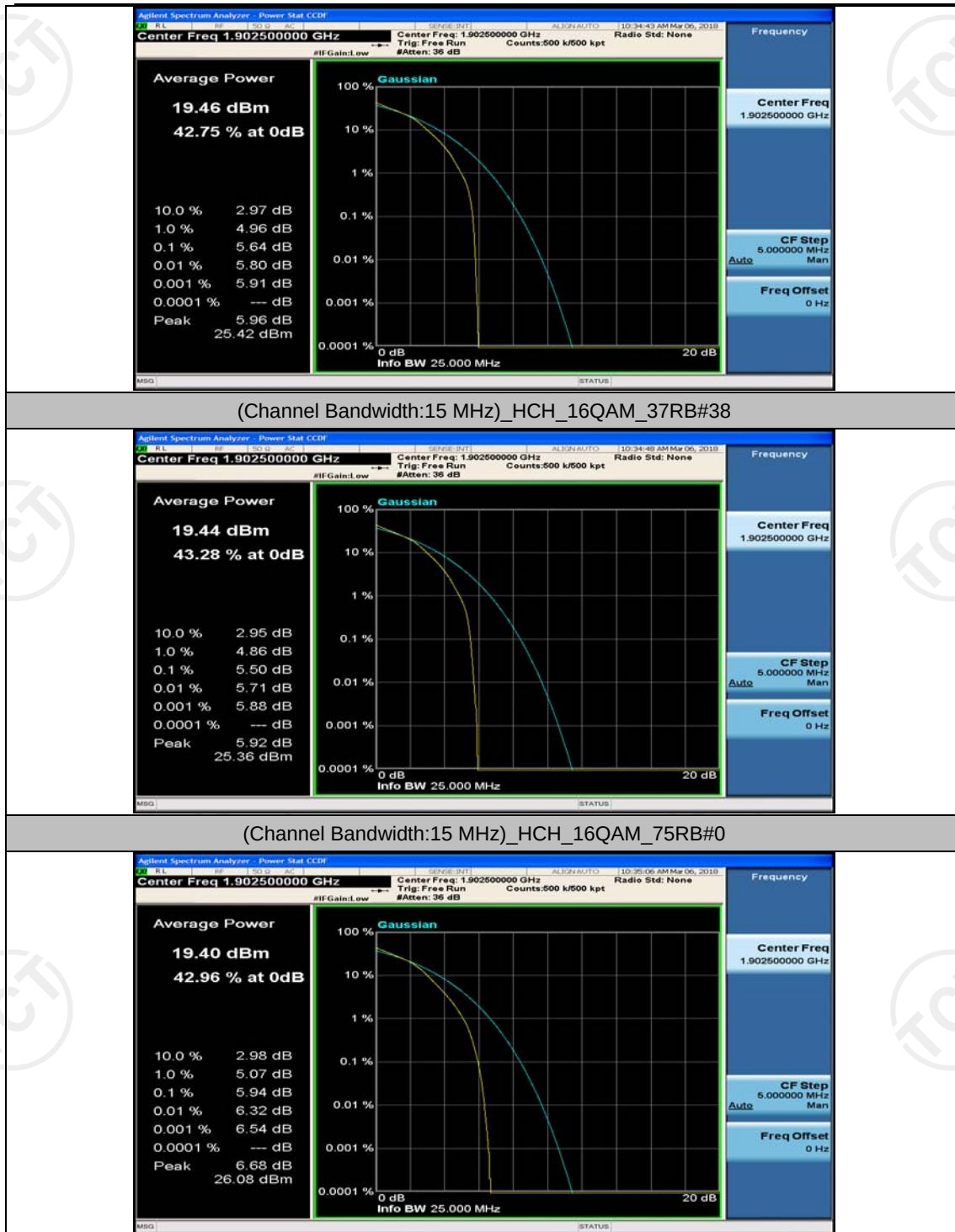
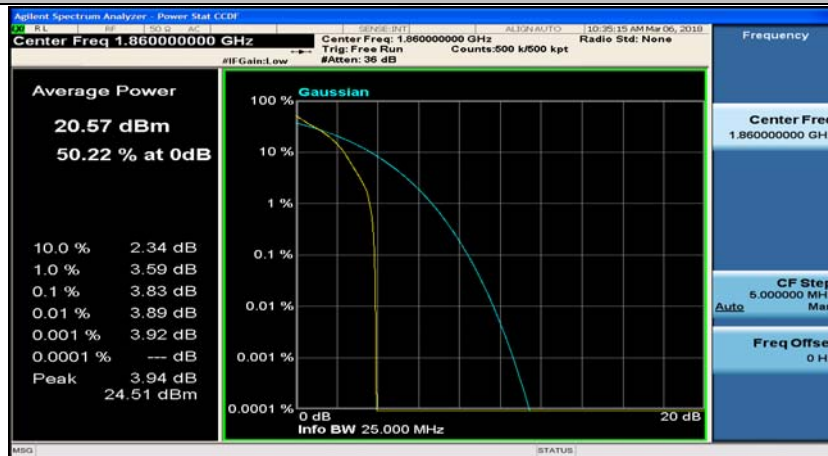




Channel Bandwidth: 20 MHz

(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#0



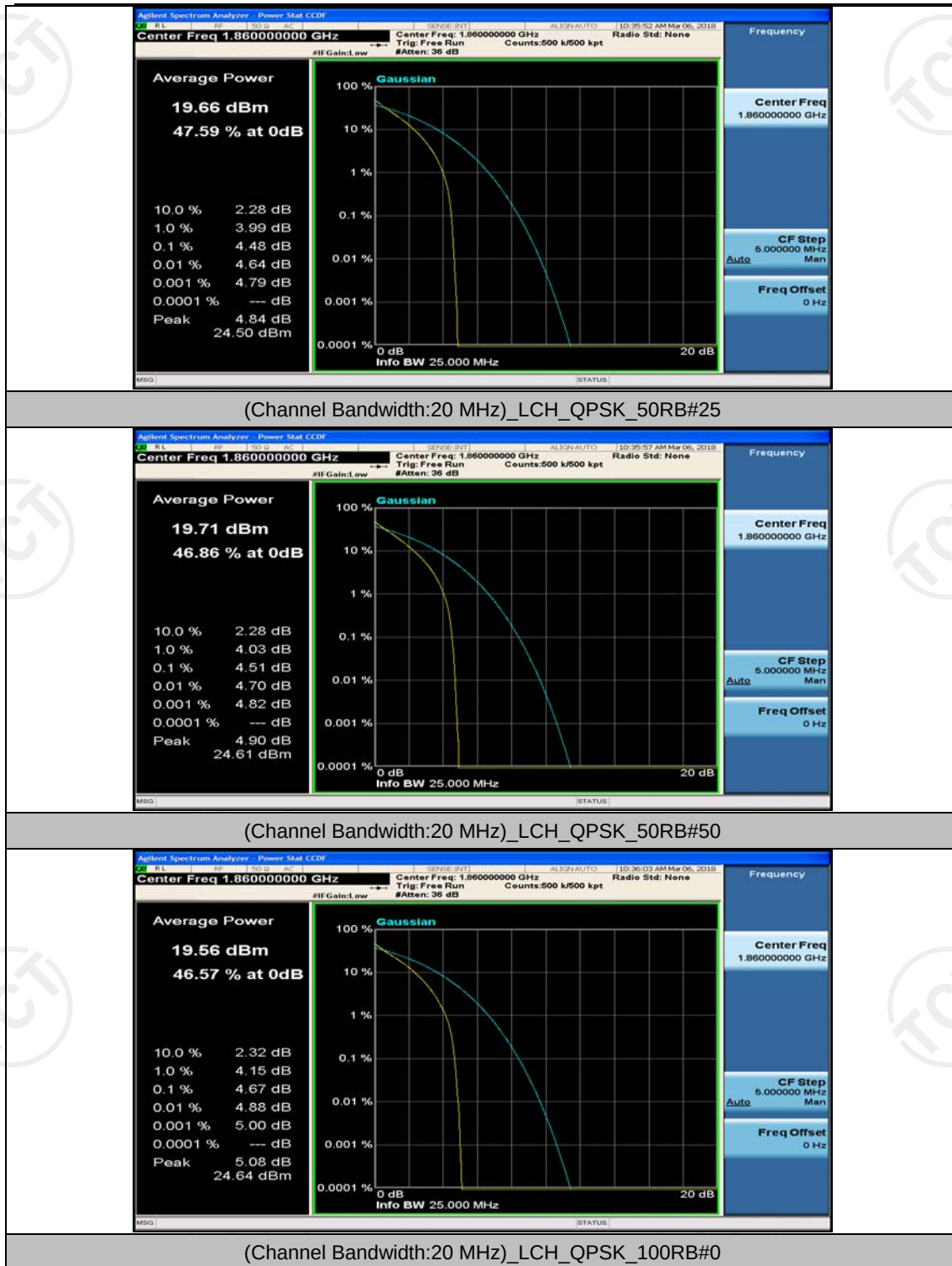
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#49

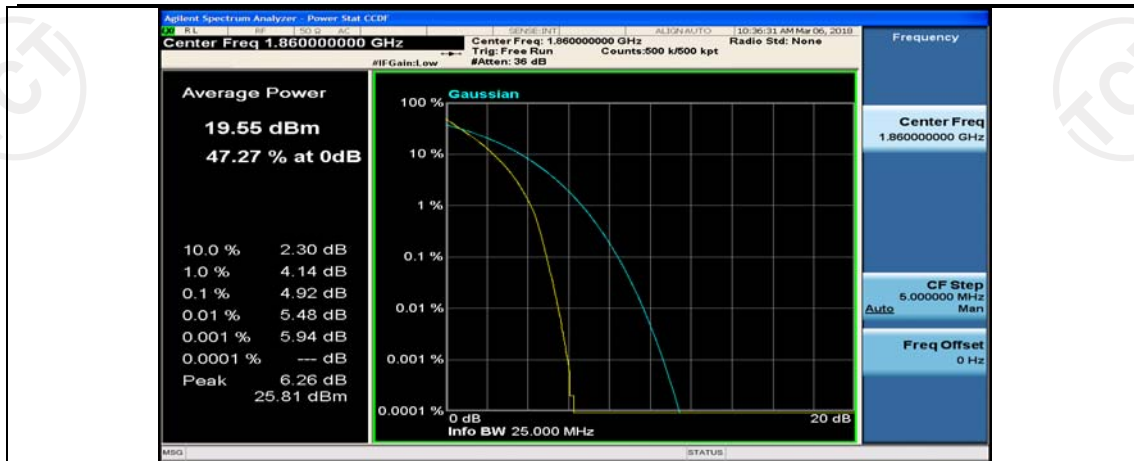


(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#99

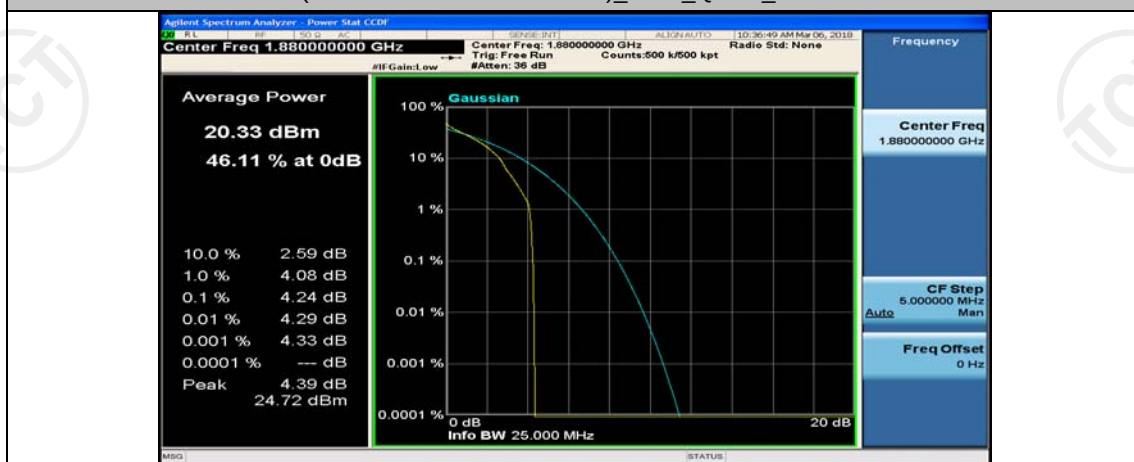


(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#0

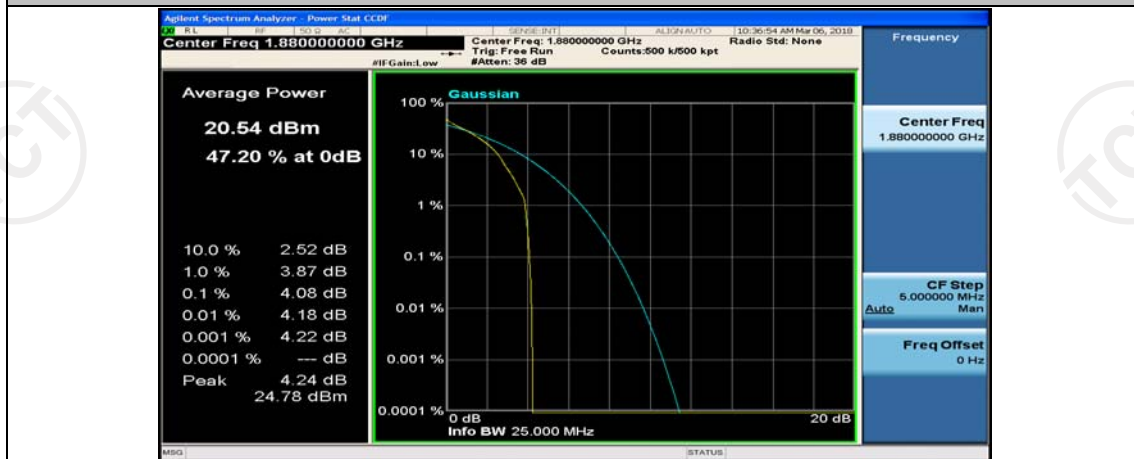




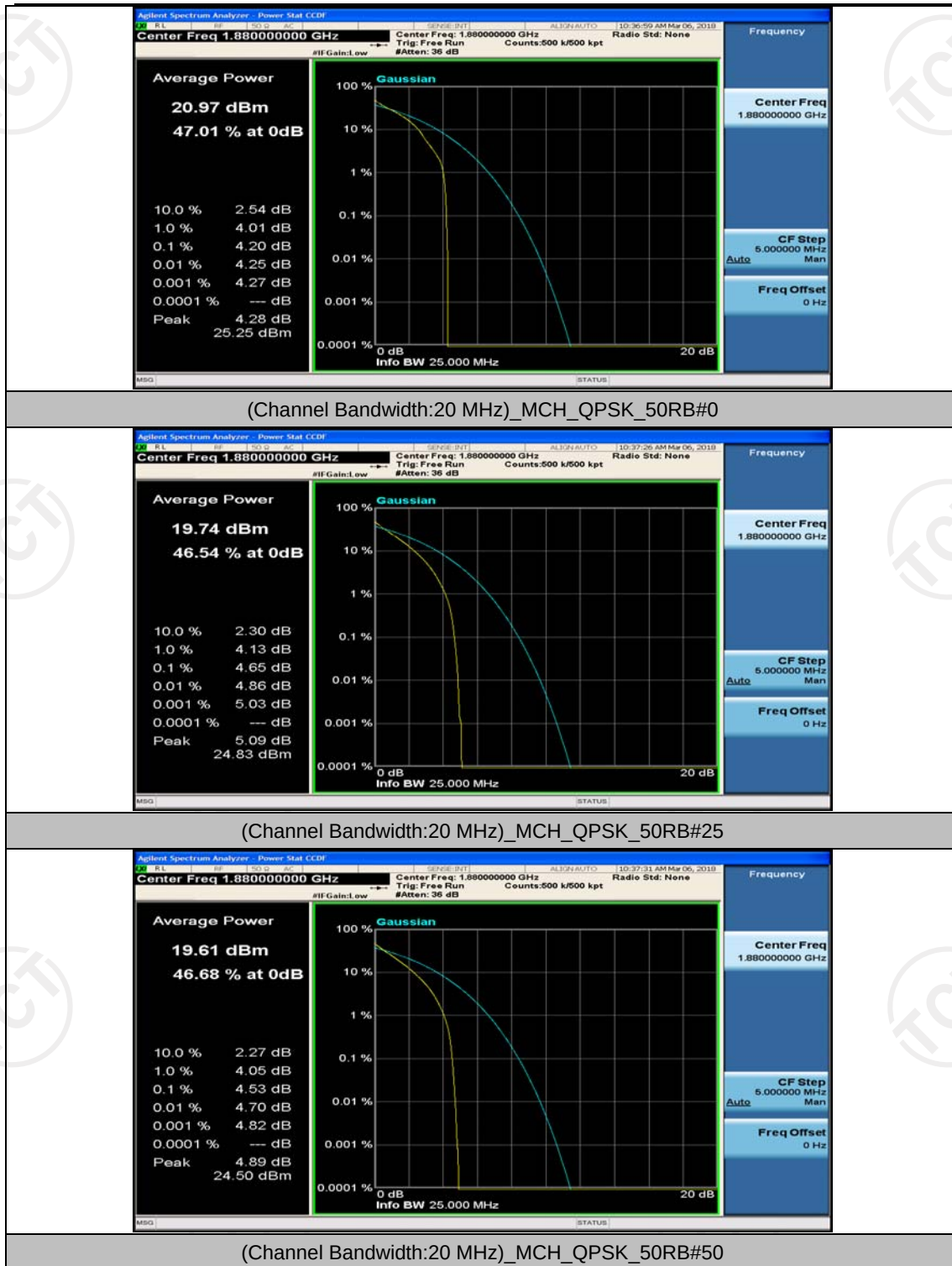
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0

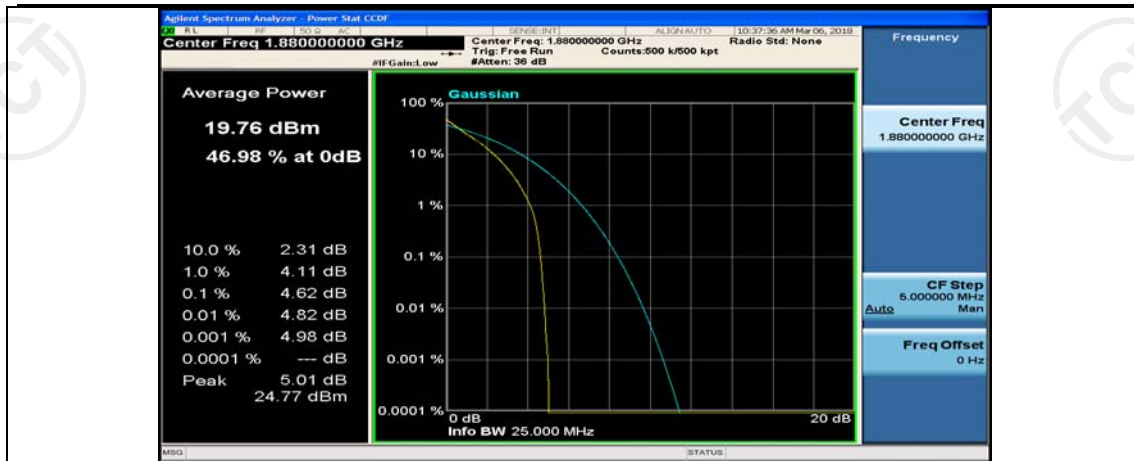


(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49

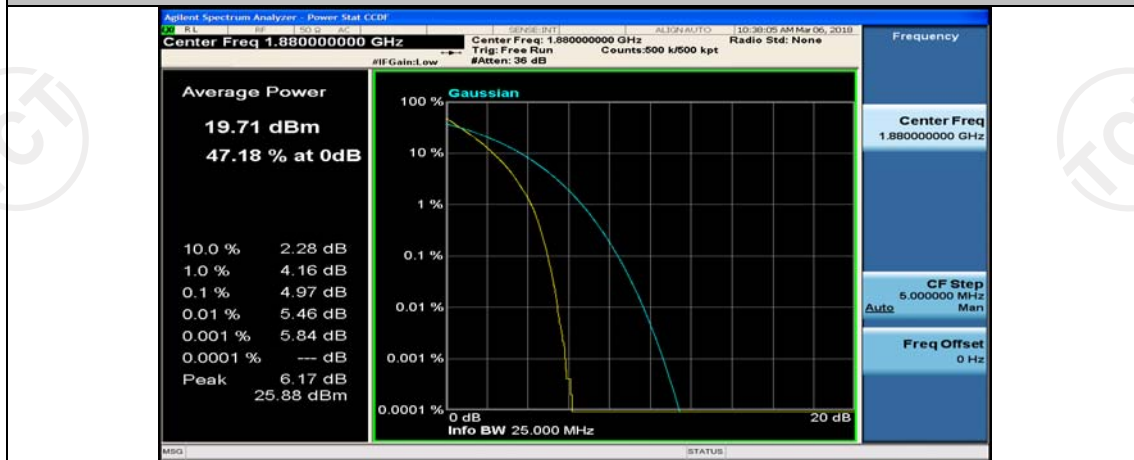


(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#99

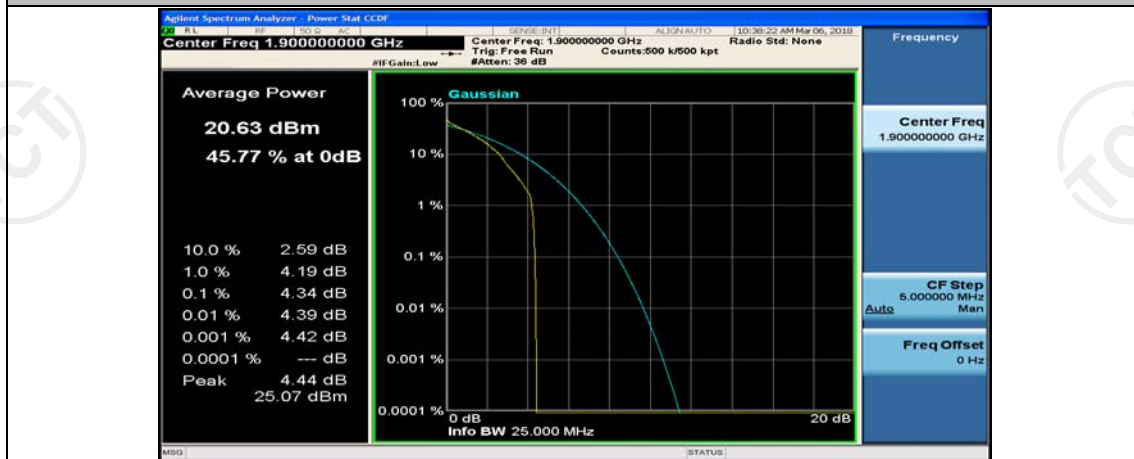




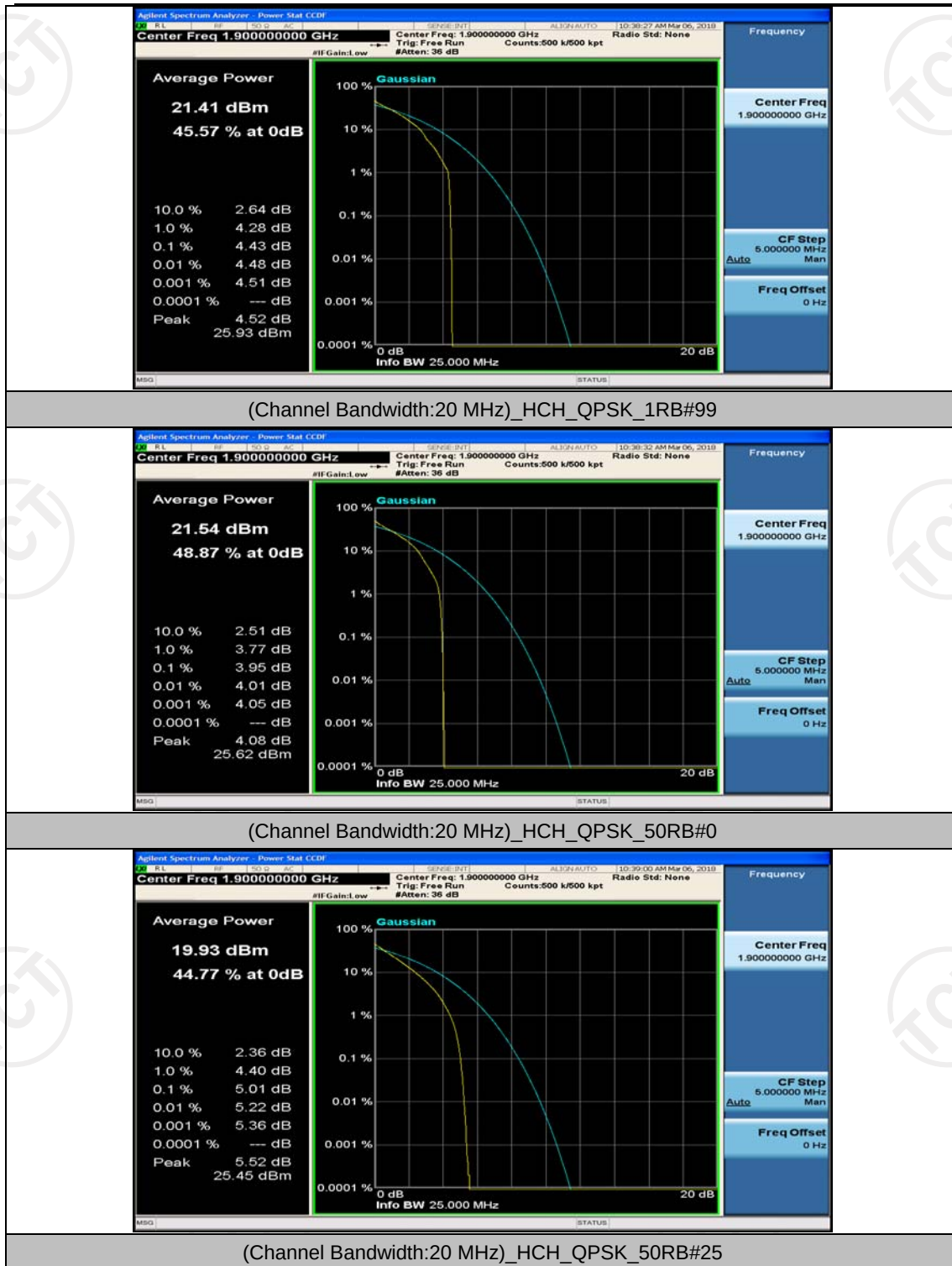
(Channel Bandwidth:20 MHz)_MCH_QPSK_100RB#0

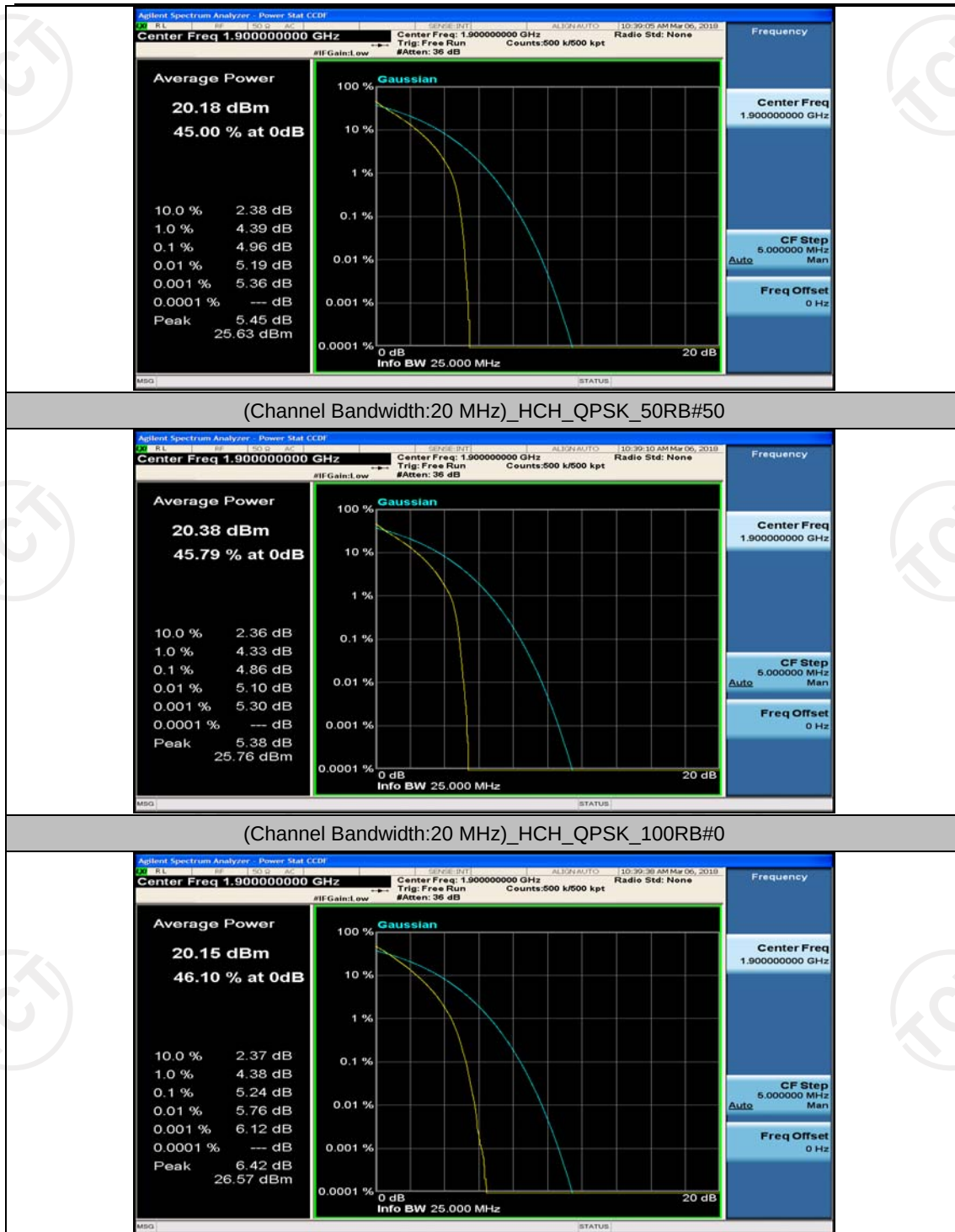


(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49





(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0



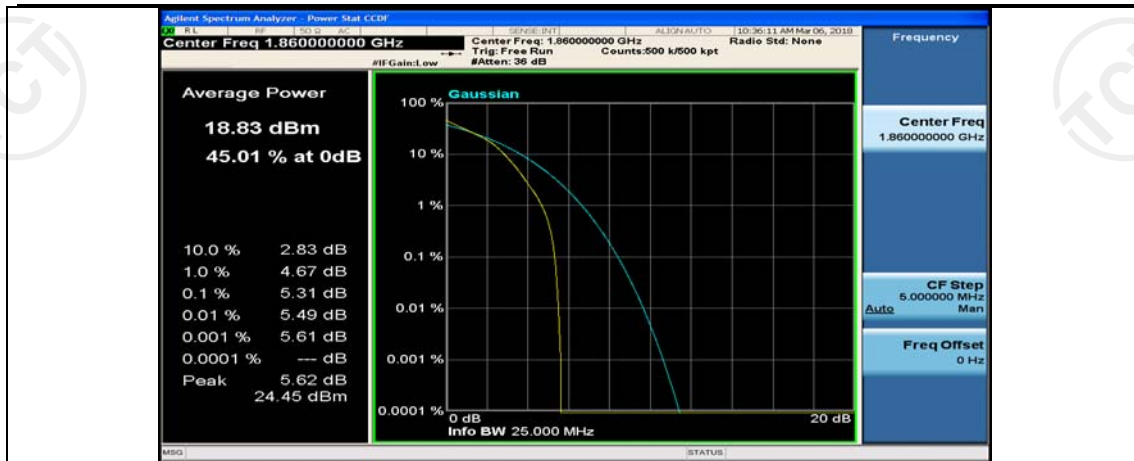
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#49



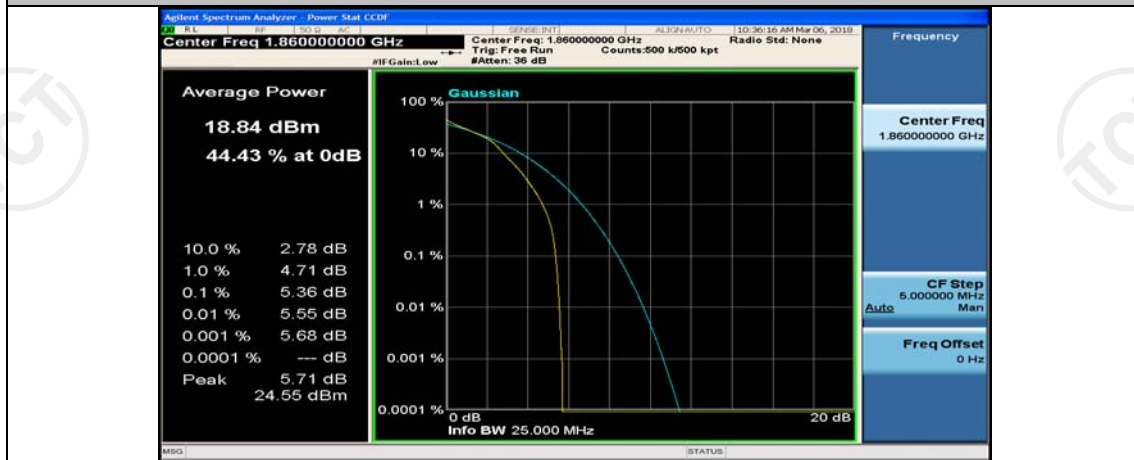
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#99



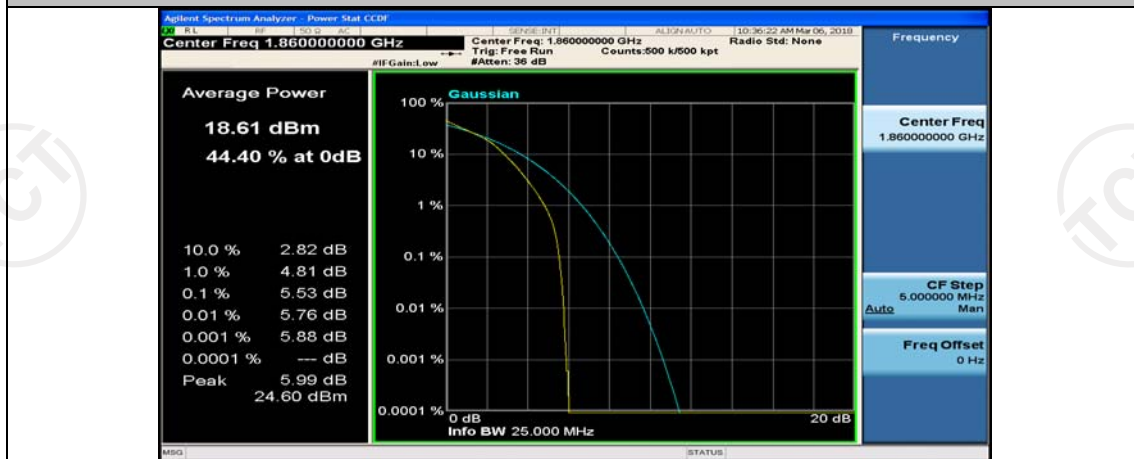
(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#0



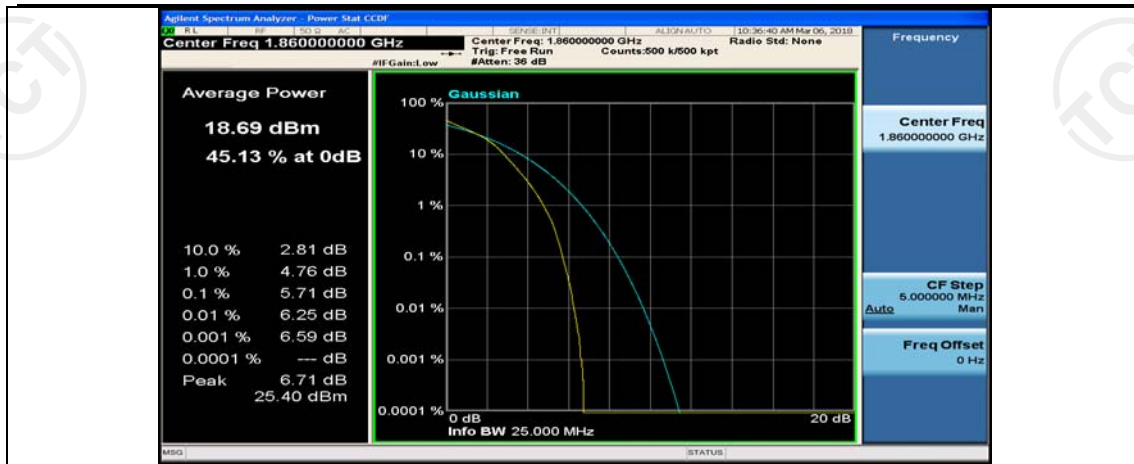
(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#25



(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#50



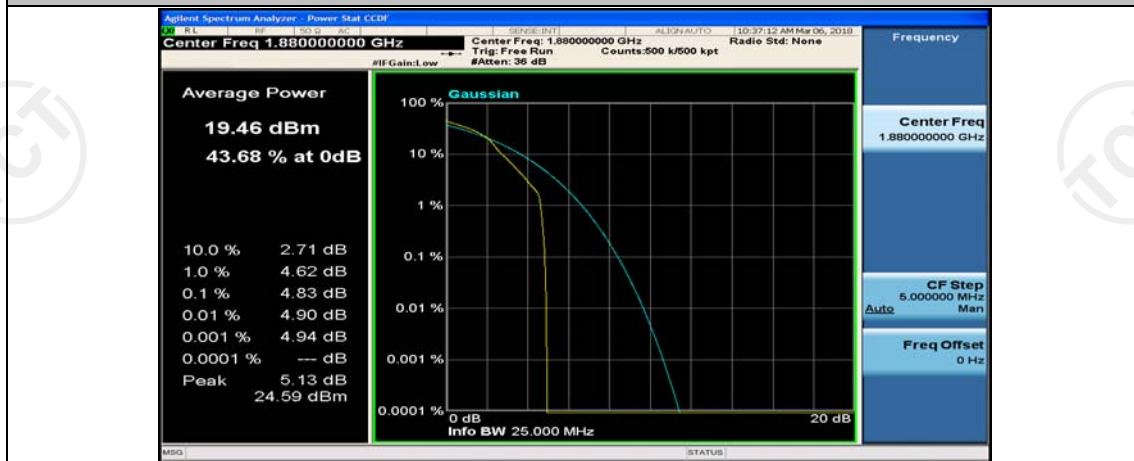
(Channel Bandwidth:20 MHz)_LCH_16QAM_100RB#0



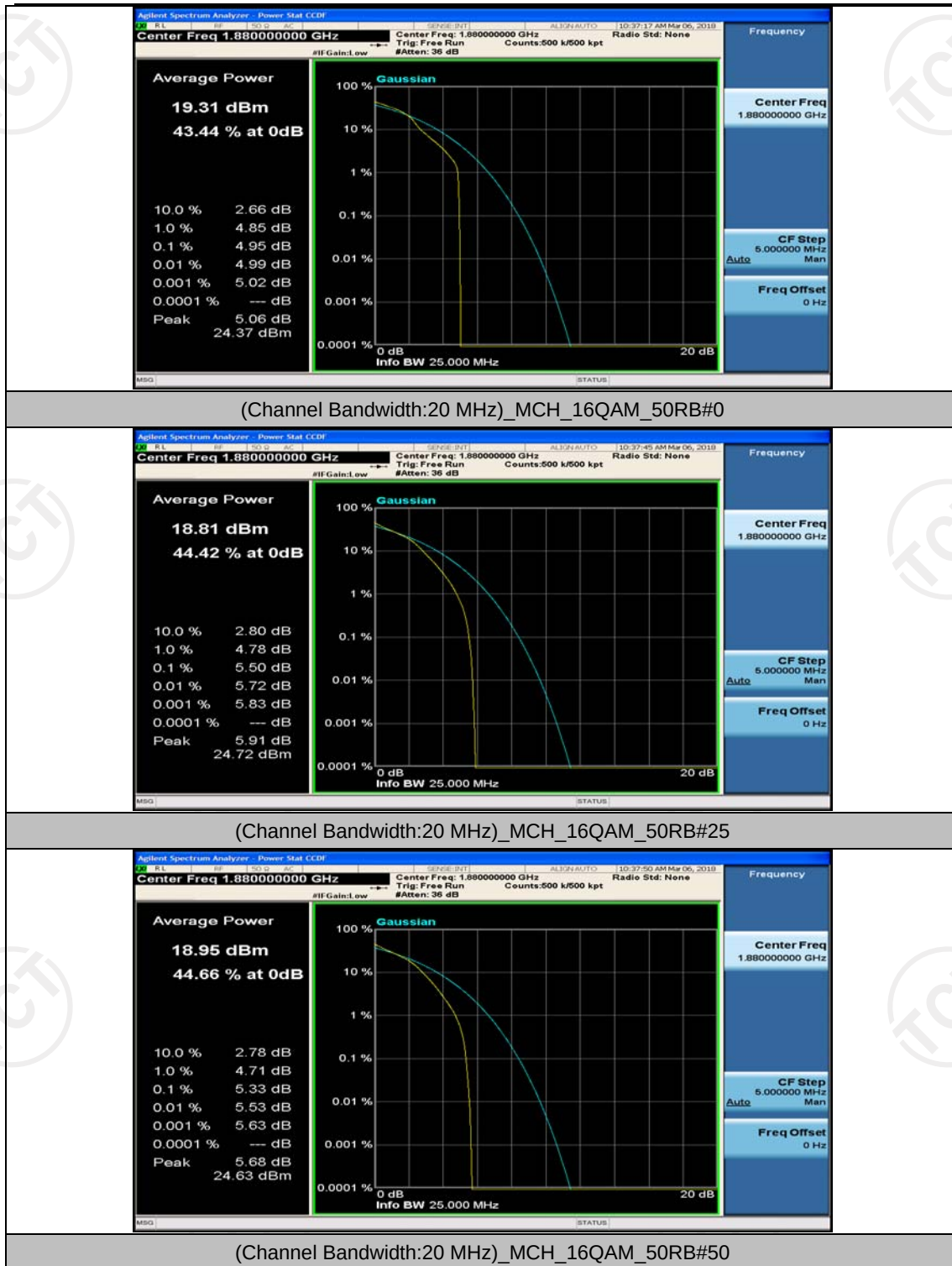
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0

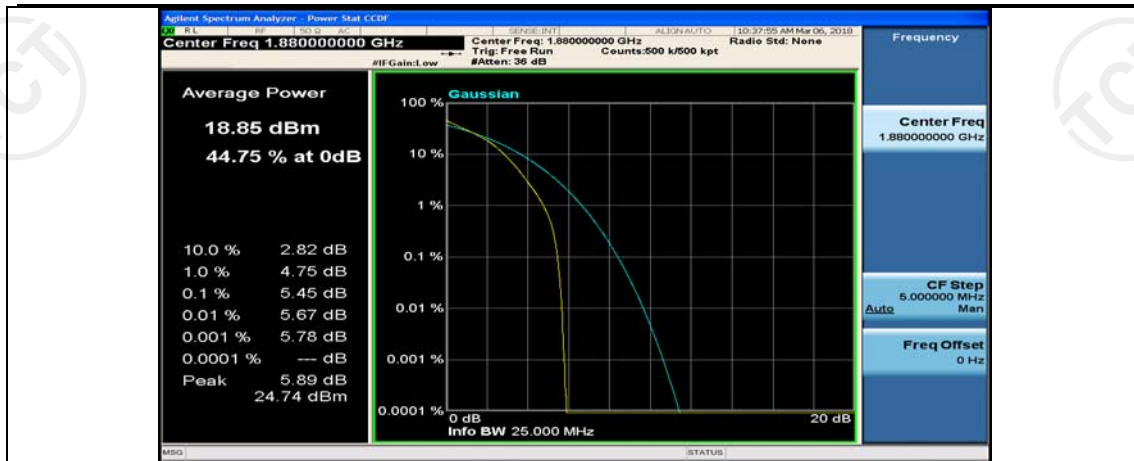


(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49

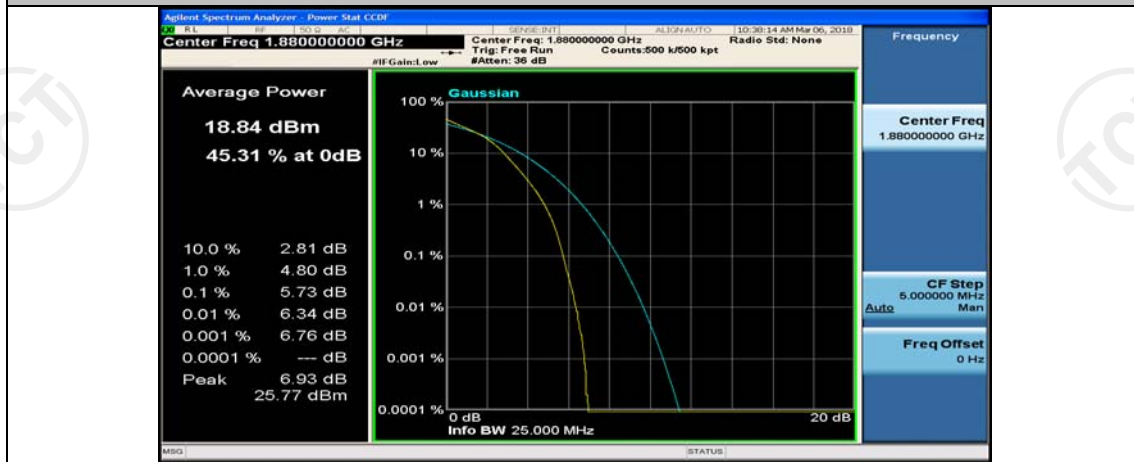


(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#99





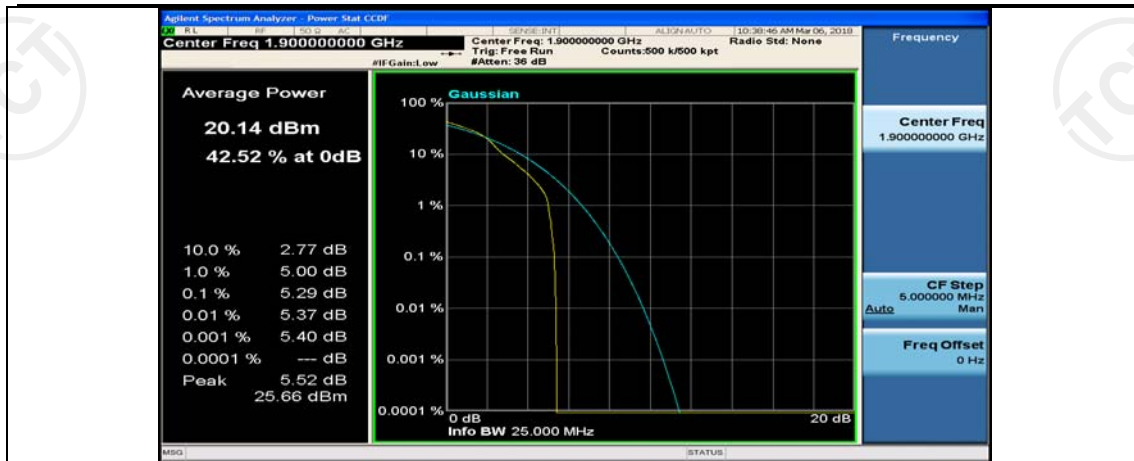
(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0



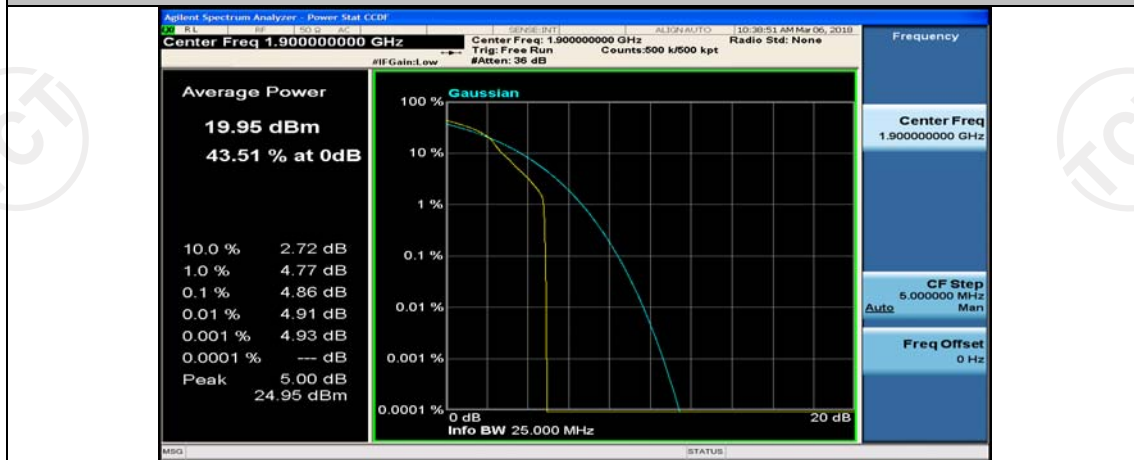
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0



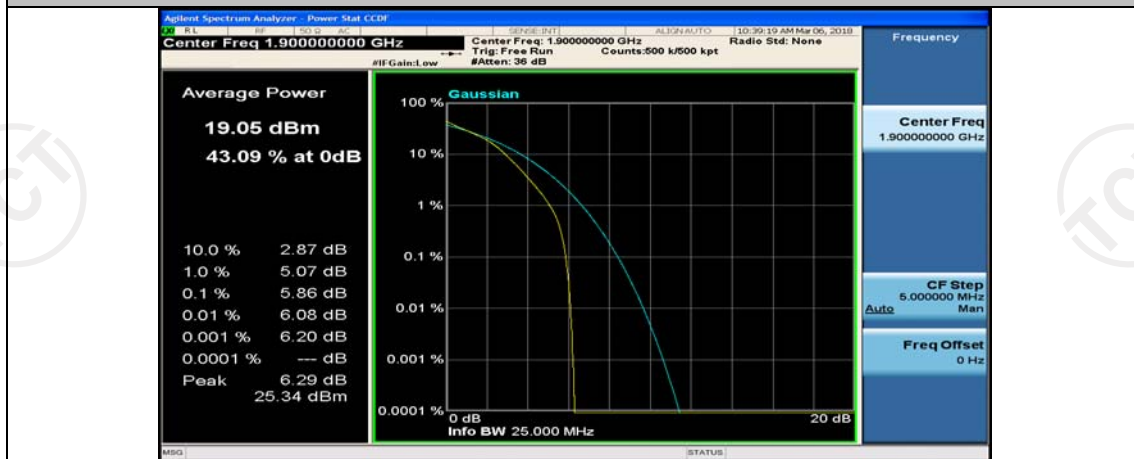
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#49



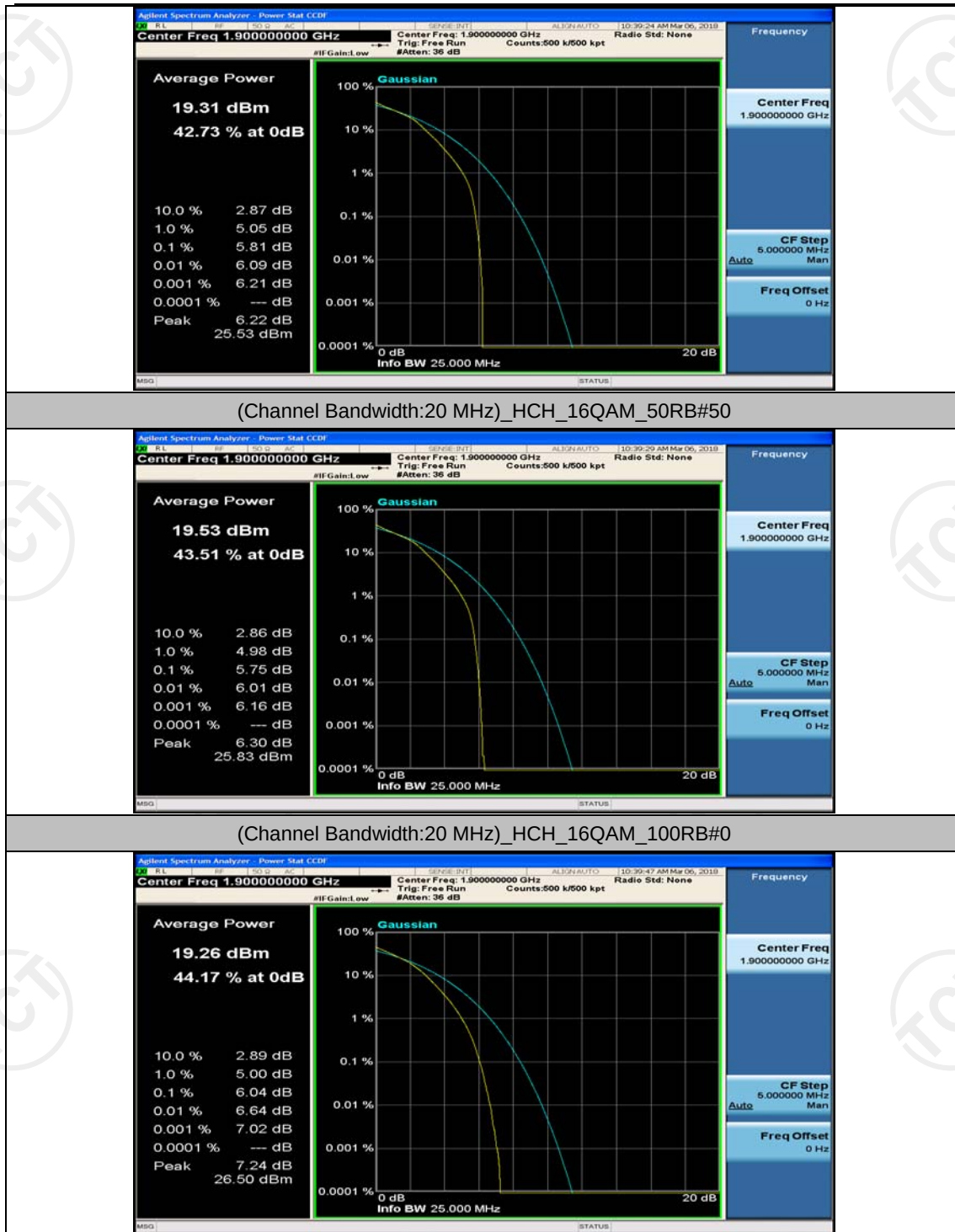
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#99



(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#0



(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#25



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	0.221	0.328	PASS
		1	3	0.248	0.427	PASS
		1	5	0.216	0.331	PASS
		3	0	0.552	0.713	PASS
		3	2	0.557	0.787	PASS
		3	3	0.549	0.701	PASS
		6	0	1.079	1.265	PASS
	MCH	1	0	0.221	0.337	PASS
		1	3	0.246	0.411	PASS
		1	5	0.211	0.328	PASS
		3	0	0.550	0.720	PASS
		3	2	0.558	0.768	PASS
		3	3	0.549	0.690	PASS
		6	0	1.076	1.241	PASS
	HCH	1	0	0.215	0.316	PASS
		1	3	0.242	0.372	PASS
		1	5	0.217	0.341	PASS
		3	0	0.550	0.697	PASS
		3	2	0.557	0.756	PASS
		3	3	0.548	0.697	PASS
		6	0	1.079	1.239	PASS
16QAM	LCH	1	0	0.223	0.361	PASS
		1	3	0.257	0.408	PASS
		1	5	0.226	0.378	PASS
		3	0	0.551	0.744	PASS
		3	2	0.565	0.784	PASS
		3	3	0.556	0.747	PASS
		6	0	1.082	1.253	PASS
	MCH	1	0	0.224	0.358	PASS

		1	3	0.245	0.372	PASS
		1	5	0.227	0.353	PASS
		3	0	0.554	0.729	PASS
		3	2	0.563	0.778	PASS
		3	3	0.553	0.726	PASS
		6	0	1.080	1.244	PASS
	HCH	1	0	0.223	0.359	PASS
		1	3	0.243	0.394	PASS
		1	5	0.225	0.340	PASS
		3	0	0.553	0.719	PASS
		3	2	0.564	0.794	PASS
		3	3	0.554	0.708	PASS
		6	0	1.082	1.245	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.243	0.372	PASS
		1	7	0.312	0.513	PASS
		1	14	0.238	0.364	PASS
		8	0	1.443	1.645	PASS
		8	4	1.455	1.833	PASS
		8	7	1.448	1.678	PASS
		15	0	2.685	2.907	PASS
	MCH	1	0	0.239	0.365	PASS
		1	7	0.316	0.531	PASS
		1	14	0.239	0.356	PASS
		8	0	1.447	1.650	PASS
		8	4	1.449	1.785	PASS
		8	7	1.448	1.653	PASS
		15	0	2.681	2.897	PASS
	HCH	1	0	0.240	0.365	PASS
		1	7	0.330	0.525	PASS
		1	14	0.238	0.362	PASS
		8	0	1.448	1.675	PASS

16QAM		8	4	1.450	1.779	PASS
		8	7	1.449	1.689	PASS
		15	0	2.685	2.897	PASS
	LCH	1	0	0.237	0.369	PASS
		1	7	0.331	0.511	PASS
		1	14	0.238	0.355	PASS
		8	0	1.446	1.684	PASS
		8	4	1.455	1.829	PASS
		8	7	1.450	1.671	PASS
		15	0	2.680	2.883	PASS
	MCH	1	0	0.238	0.358	PASS
		1	7	0.335	0.535	PASS
		1	14	0.241	0.352	PASS
		8	0	1.445	1.665	PASS
		8	4	1.455	1.817	PASS
		8	7	1.445	1.705	PASS
		15	0	2.685	2.909	PASS
	HCH	1	0	0.237	0.377	PASS
		1	7	0.333	0.542	PASS
		1	14	0.242	0.381	PASS
		8	0	1.449	1.681	PASS
		8	4	1.453	1.848	PASS
		8	7	1.442	1.674	PASS
		15	0	2.685	2.871	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.294	0.459	PASS
		1	12	0.402	0.631	PASS
		1	24	0.303	0.471	PASS
		12	0	2.175	2.521	PASS
		12	6	2.183	2.669	PASS
		12	13	2.178	2.563	PASS
		25	0	4.474	4.832	PASS
	MCH	1	0	0.291	0.478	PASS
		1	12	0.406	0.652	PASS

		1	24	0.308	0.464	PASS
		12	0	2.176	2.476	PASS
		12	6	2.183	2.785	PASS
		12	13	2.176	2.479	PASS
		25	0	4.475	4.832	PASS
	HCH	1	0	0.289	0.479	PASS
		1	12	0.396	0.639	PASS
		1	24	0.295	0.470	PASS
		12	0	2.176	2.597	PASS
		12	6	2.180	2.693	PASS
		12	13	2.172	2.531	PASS
		25	0	4.475	4.819	PASS
16QAM	LCH	1	0	0.298	0.482	PASS
		1	12	0.410	0.588	PASS
		1	24	0.295	0.476	PASS
		12	0	2.177	2.533	PASS
		12	6	2.185	2.698	PASS
		12	13	2.183	2.494	PASS
		25	0	4.478	4.868	PASS
	MCH	1	0	0.285	0.463	PASS
		1	12	0.419	0.604	PASS
		1	24	0.296	0.502	PASS
		12	0	2.184	2.579	PASS
		12	6	2.188	2.731	PASS
		12	13	2.182	2.503	PASS
		25	0	4.479	4.808	PASS
	HCH	1	0	0.296	0.476	PASS
		1	12	0.435	0.667	PASS
		1	24	0.303	0.491	PASS
		12	0	2.179	2.539	PASS
		12	6	2.184	2.649	PASS
		12	13	2.182	2.513	PASS
		25	0	4.479	4.839	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.384	0.544	PASS
		1	25	0.463	0.690	PASS

		1	49	0.380	0.550	PASS
		25	0	4.518	5.028	PASS
		25	12	4.518	5.081	PASS
		25	25	4.519	5.012	PASS
		50	0	8.936	9.439	PASS
	MCH	1	0	0.392	0.572	PASS
		1	25	0.468	0.766	PASS
		1	49	0.390	0.554	PASS
		25	0	4.506	4.989	PASS
		25	12	4.517	5.030	PASS
		25	25	4.508	4.936	PASS
		50	0	8.926	9.428	PASS
	HCH	1	0	0.383	0.556	PASS
		1	25	0.467	0.668	PASS
		1	49	0.391	0.598	PASS
		25	0	4.516	4.956	PASS
		25	12	4.524	5.083	PASS
		25	25	4.508	4.975	PASS
		50	0	8.921	9.456	PASS
16QAM	LCH	1	0	0.380	0.555	PASS
		1	25	0.464	0.658	PASS
		1	49	0.385	0.557	PASS
		25	0	4.516	4.980	PASS
		25	12	4.517	5.281	PASS
		25	25	4.512	4.984	PASS
		50	0	8.929	9.464	PASS
	MCH	1	0	0.388	0.613	PASS
		1	25	0.463	0.683	PASS
		1	49	0.390	0.582	PASS
		25	0	4.510	5.022	PASS
		25	12	4.511	5.051	PASS
		25	25	4.501	4.893	PASS
		50	0	8.929	9.461	PASS
	HCH	1	0	0.393	0.590	PASS
		1	25	0.446	0.626	PASS
		1	49	0.397	0.610	PASS
		25	0	4.505	4.930	PASS
		25	12	4.502	5.106	PASS
		25	25	4.500	4.933	PASS
		50	0	8.912	9.393	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	0.500	0.732	PASS
		1	37	0.597	0.899	PASS
		1	74	0.486	0.706	PASS
		37	0	6.496	7.122	PASS
		37	18	6.500	7.294	PASS
		37	38	6.491	7.120	PASS
		75	0	13.388	14.040	PASS
	MCH	1	0	0.505	0.747	PASS
		1	37	0.599	0.853	PASS
		1	74	0.495	0.706	PASS
		37	0	6.486	7.127	PASS
		37	18	6.501	7.352	PASS
		37	38	6.500	7.107	PASS
		75	0	13.376	14.090	PASS
	HCH	1	0	0.501	0.731	PASS
		1	37	0.579	0.844	PASS
		1	74	0.491	0.723	PASS
		37	0	6.489	7.047	PASS
		37	18	6.499	7.264	PASS
		37	38	6.475	7.079	PASS
		75	0	13.361	14.030	PASS
16QAM	LCH	1	0	0.506	0.764	PASS
		1	37	0.556	0.788	PASS
		1	74	0.482	0.709	PASS
		37	0	6.492	7.107	PASS
		37	18	6.494	7.333	PASS
		37	38	6.496	7.038	PASS
		75	0	13.381	14.020	PASS
	MCH	1	0	0.501	0.749	PASS
		1	37	0.580	0.851	PASS
		1	74	0.489	0.736	PASS
		37	0	6.498	7.118	PASS
		37	18	6.492	7.330	PASS
		37	38	6.484	7.036	PASS
		75	0	13.376	13.990	PASS
	HCH	1	0	0.505	0.769	PASS

		1	37	0.582	0.858	PASS
		1	74	0.503	0.715	PASS
		37	0	6.485	7.103	PASS
		37	18	6.496	7.337	PASS
		37	38	6.483	7.097	PASS
		75	0	13.361	13.960	PASS

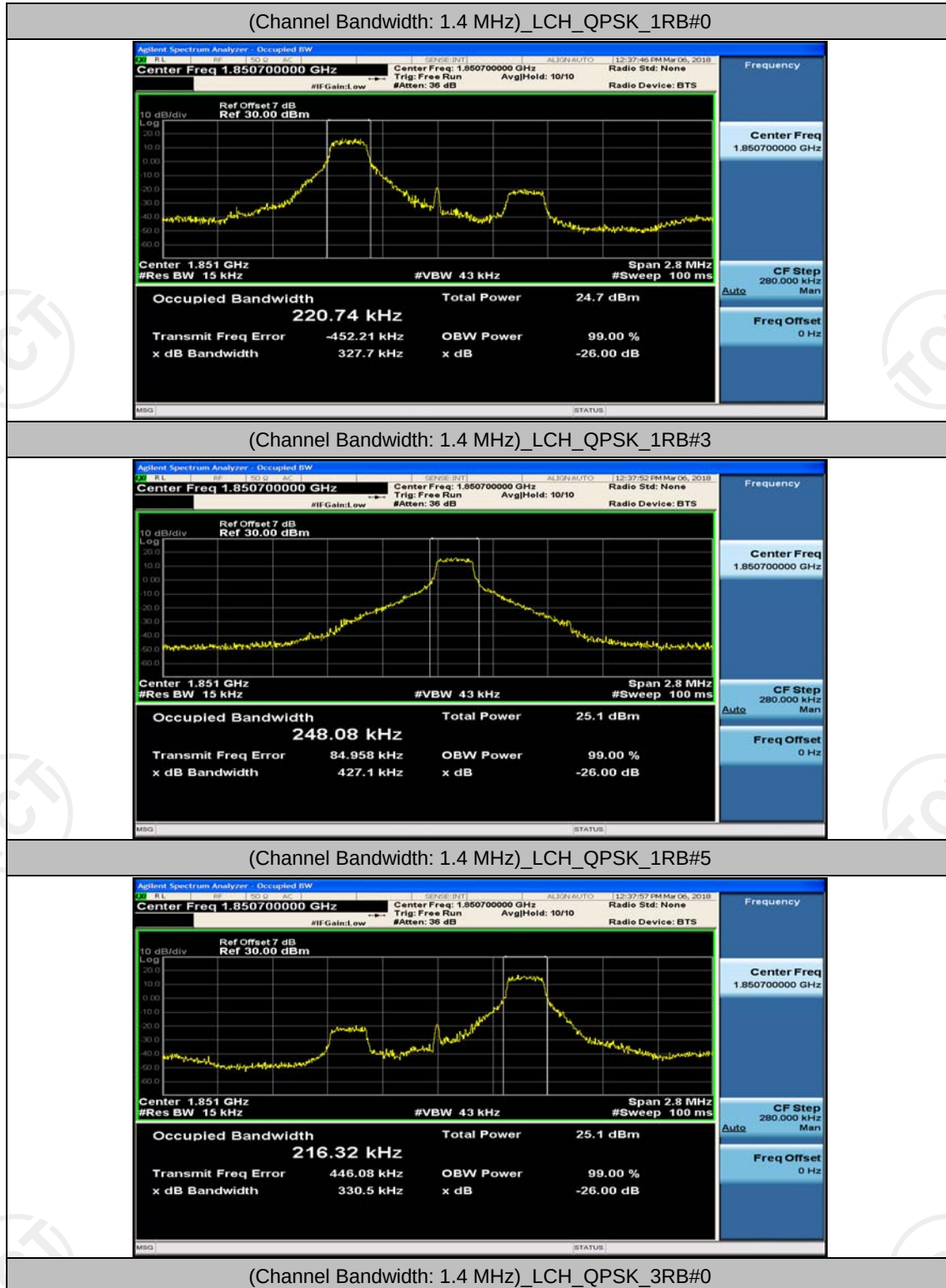
Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.584	0.874	PASS
		1	50	0.634	0.891	PASS
		1	99	0.570	0.837	PASS
		50	0	9.005	9.555	PASS
		50	25	8.997	9.823	PASS
		50	50	8.984	9.715	PASS
		100	0	17.831	18.700	PASS
	MCH	1	0	0.589	0.844	PASS
		1	50	0.643	0.937	PASS
		1	99	0.568	0.823	PASS
		50	0	8.998	9.613	PASS
		50	25	9.000	9.959	PASS
		50	50	8.978	9.602	PASS
		100	0	17.810	18.590	PASS
	HCH	1	0	0.576	0.850	PASS
		1	50	0.655	0.945	PASS
		1	99	0.580	0.808	PASS
		50	0	8.995	9.604	PASS
		50	25	8.998	9.862	PASS
		50	50	8.978	9.652	PASS
		100	0	17.820	18.580	PASS
16QAM	LCH	1	0	0.592	0.876	PASS
		1	50	0.636	0.853	PASS
		1	99	0.581	0.778	PASS
		50	0	9.004	9.671	PASS
		50	25	8.981	9.724	PASS
		50	50	8.990	9.690	PASS
		100	0	17.832	18.560	PASS

	MCH	1	0	0.579	0.872	PASS
		1	50	0.646	0.947	PASS
		1	99	0.560	0.812	PASS
		50	0	8.997	9.695	PASS
		50	25	8.983	9.719	PASS
		50	50	8.990	9.666	PASS
		100	0	17.825	18.550	PASS
	HCH	1	0	0.569	0.839	PASS
		1	50	0.629	0.883	PASS
		1	99	0.580	0.837	PASS
		50	0	8.998	9.646	PASS
		50	25	8.995	9.969	PASS
		50	50	8.971	9.645	PASS
		100	0	17.842	18.570	PASS

Test Graphs

Channel Bandwidth: 1.4 MHz





(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2



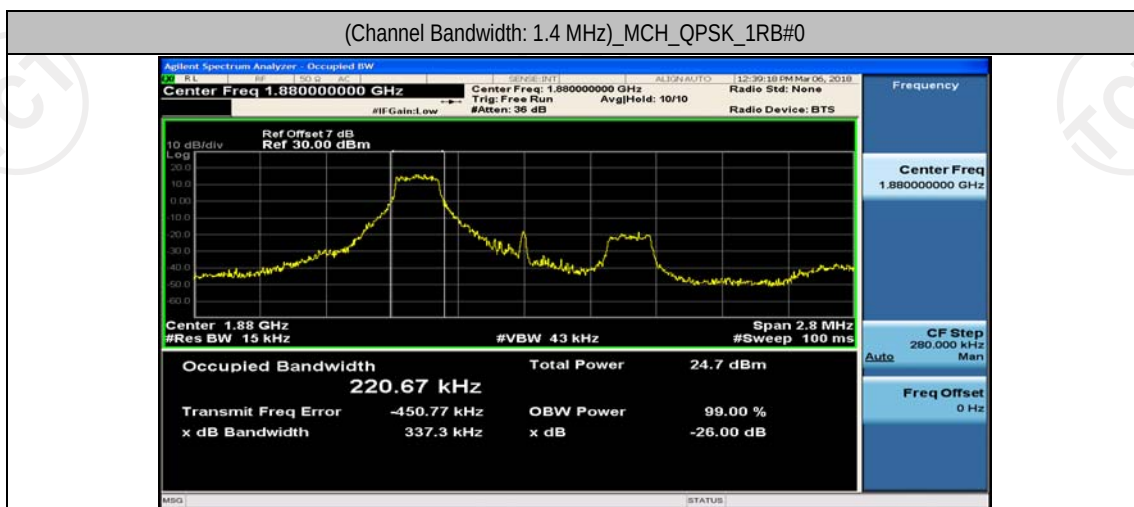
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#3



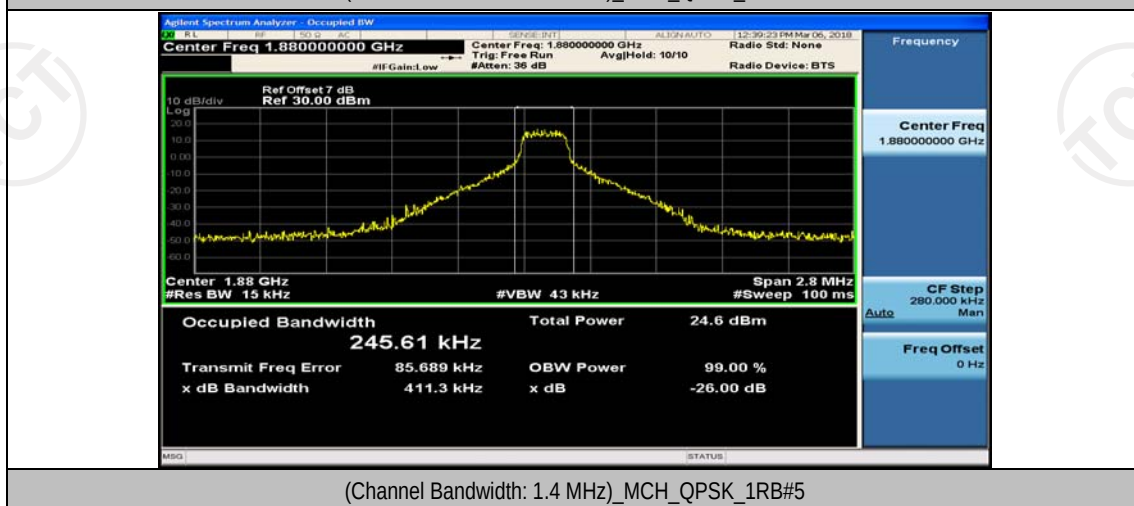
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



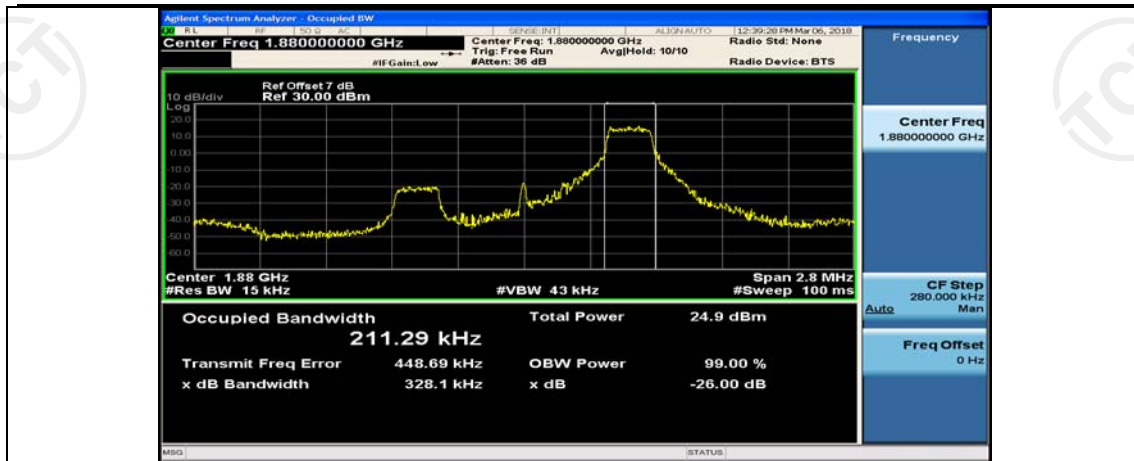
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5



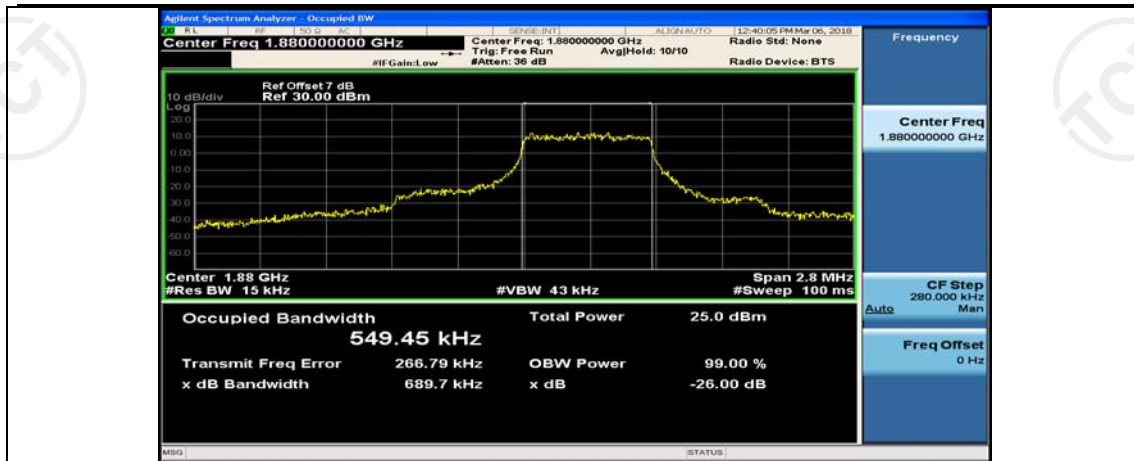
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#0



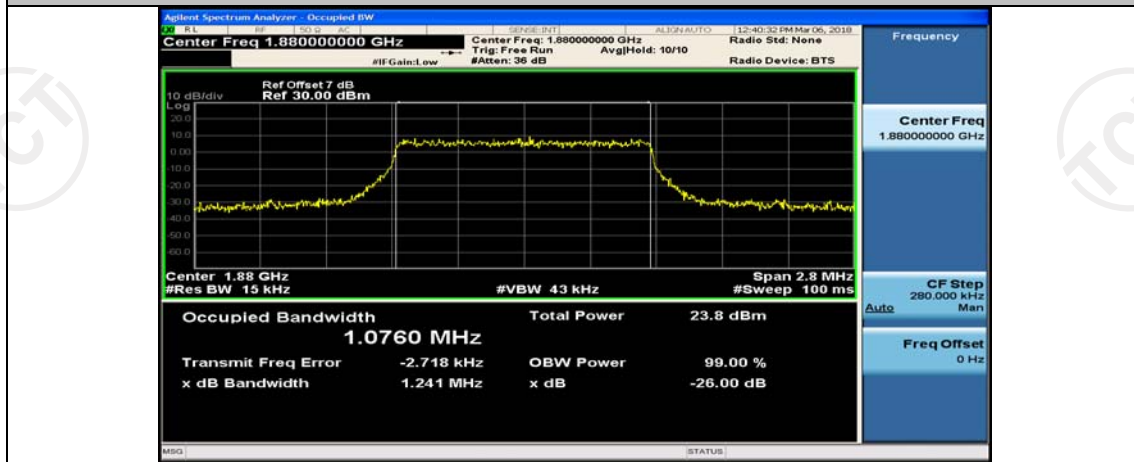
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#2



(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#3



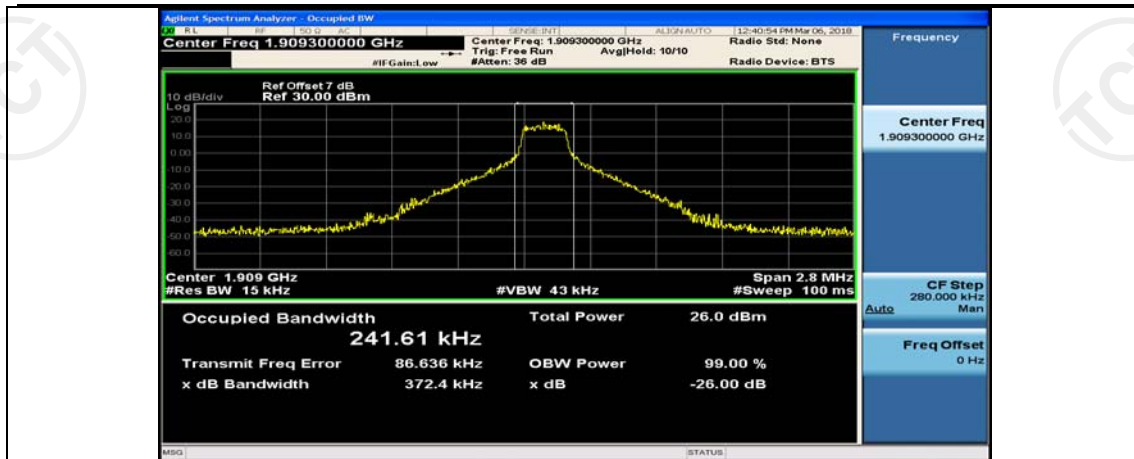
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#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



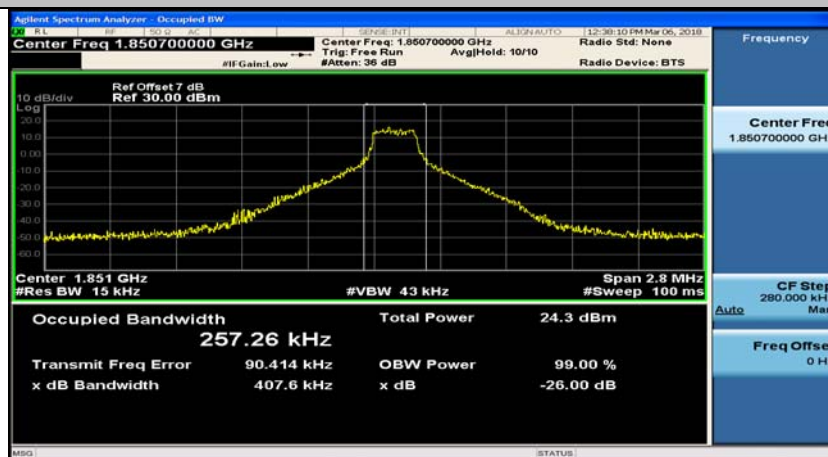
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



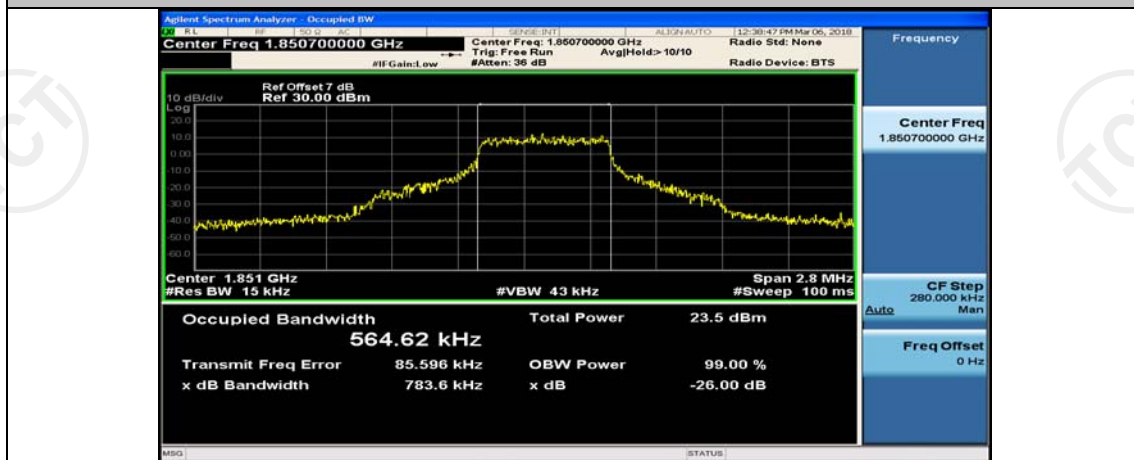
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0



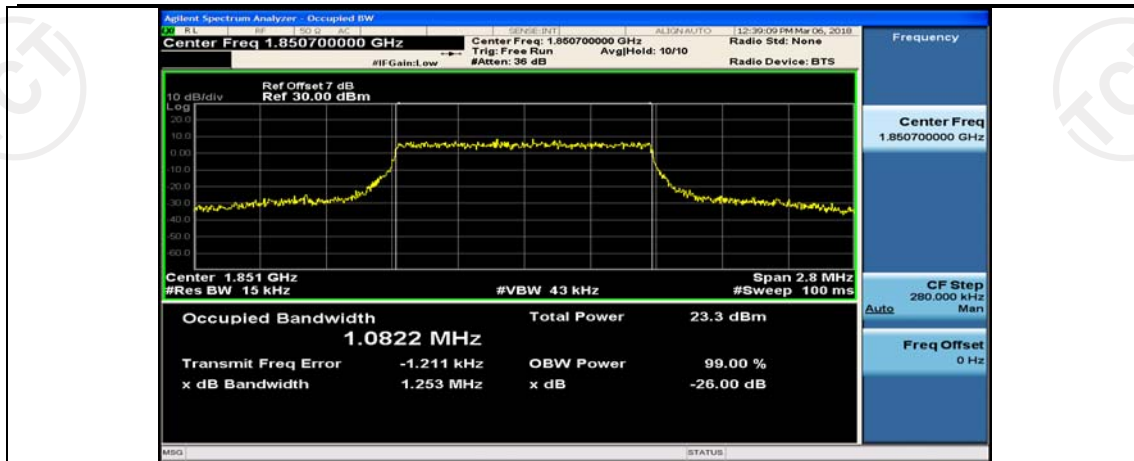
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#2



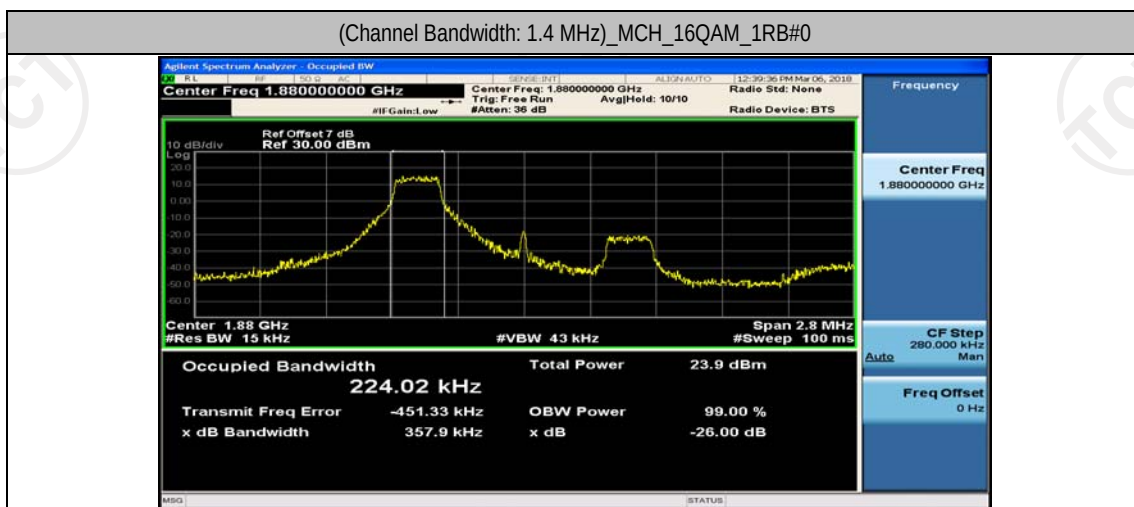
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3



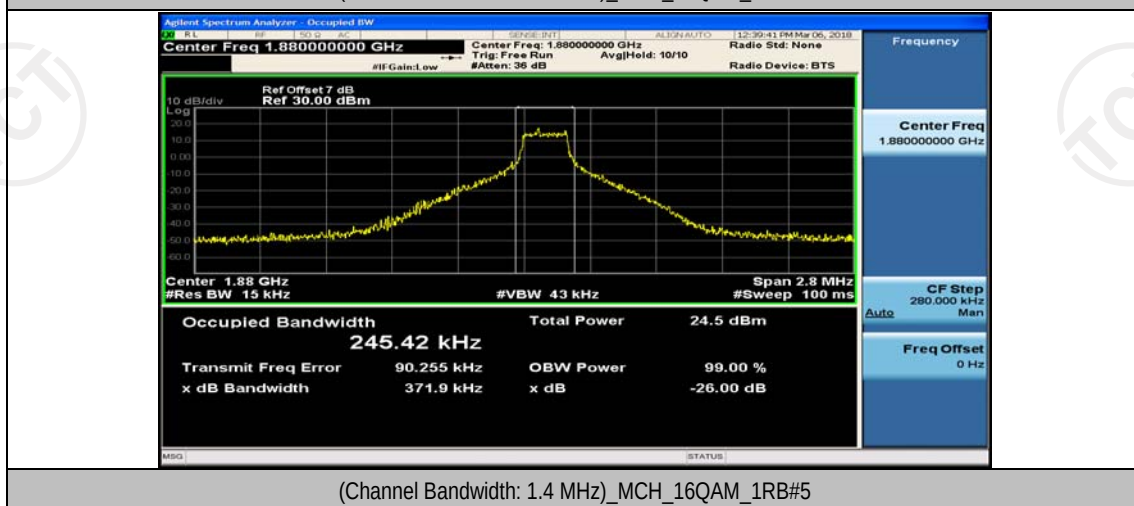
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



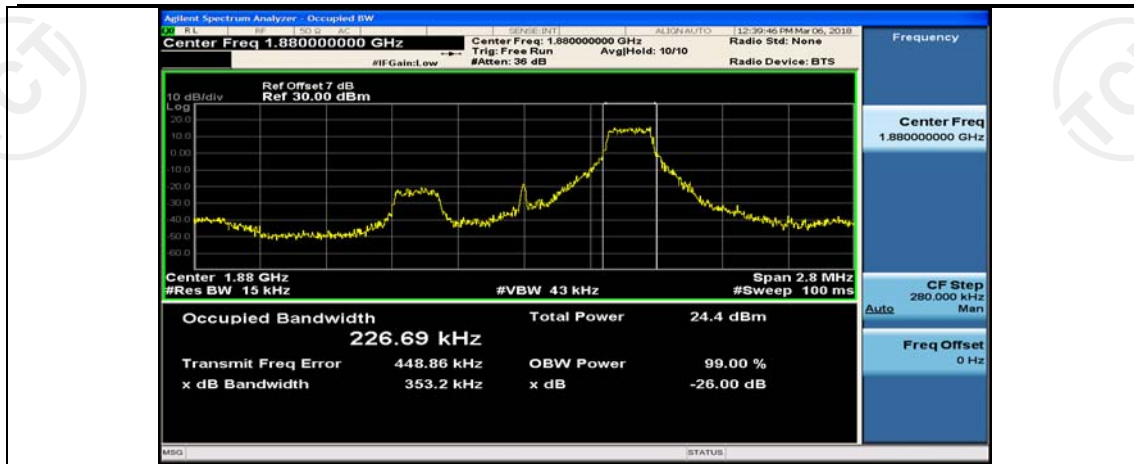
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5



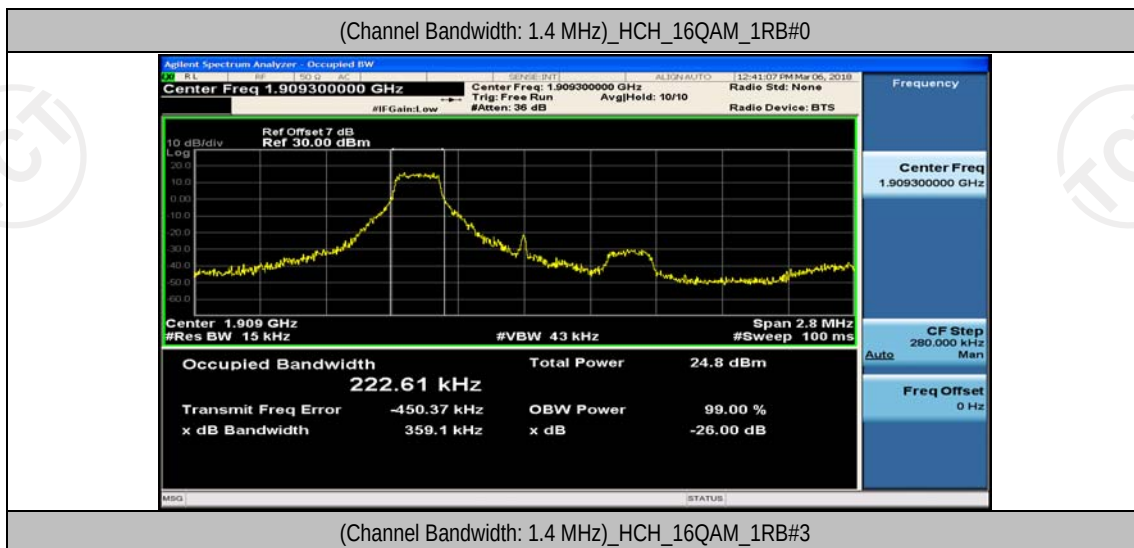
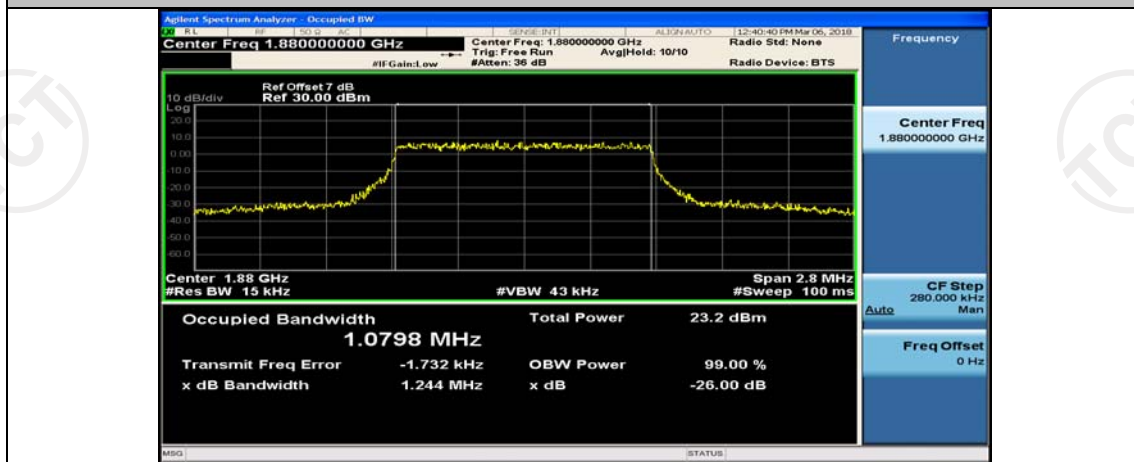
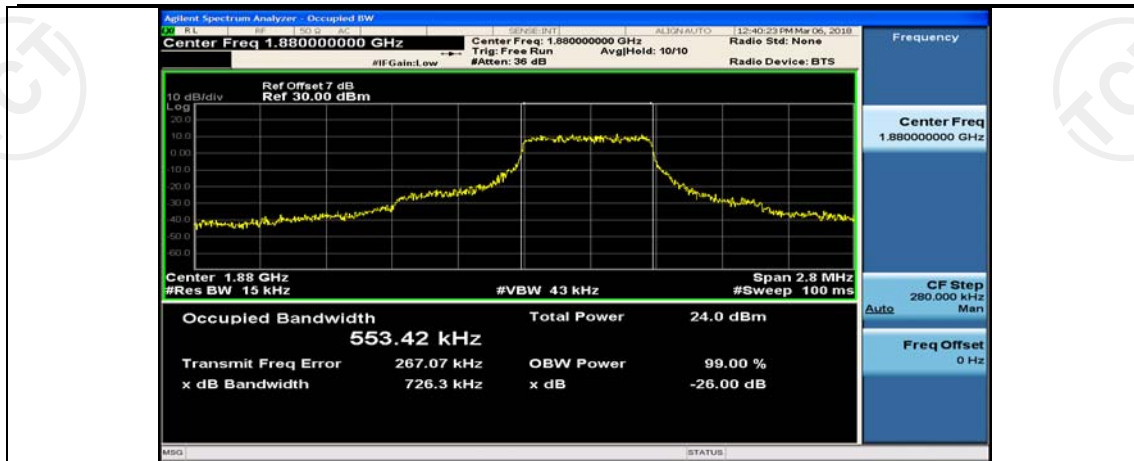
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#2



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#3



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3