



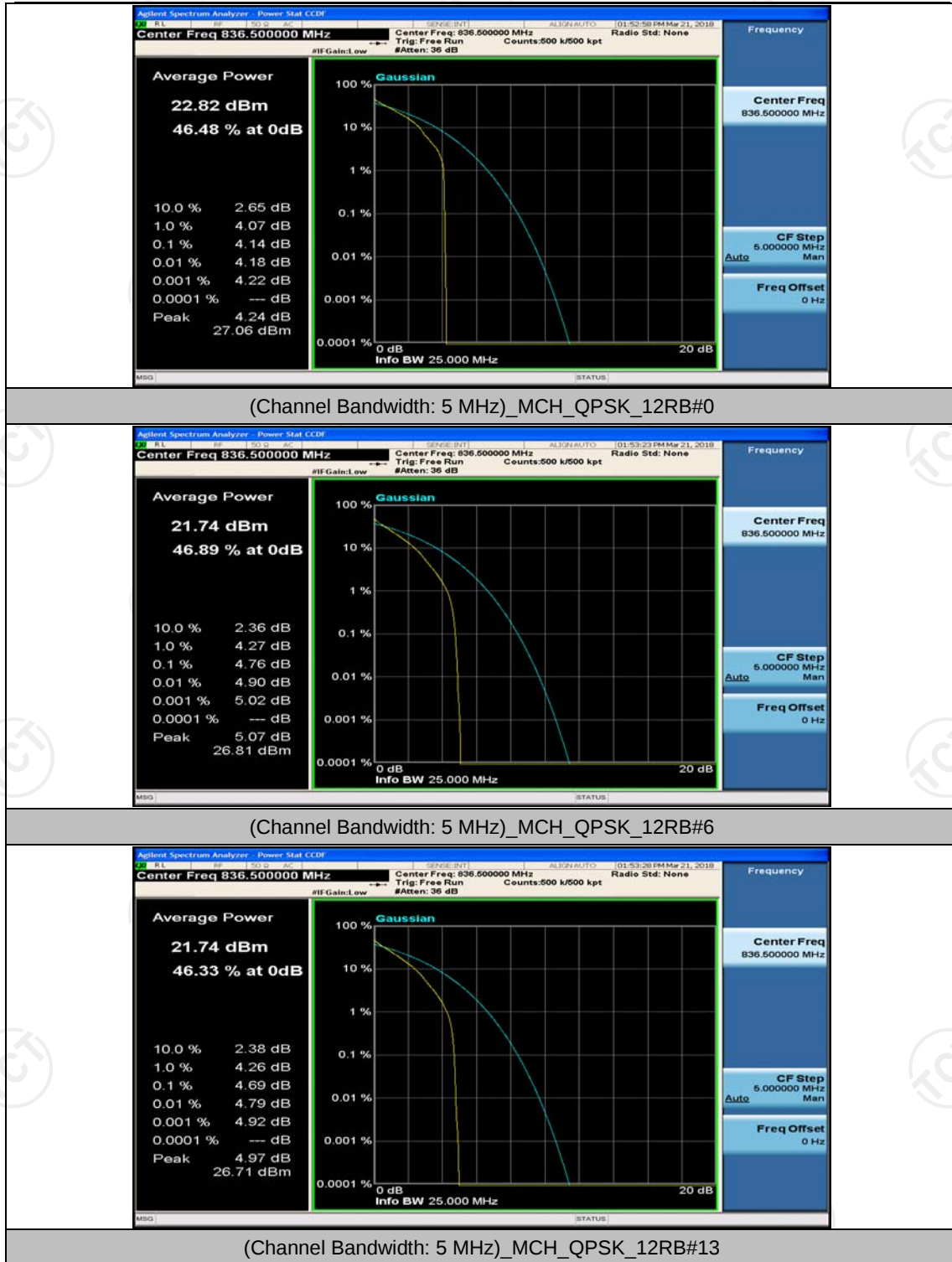
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24





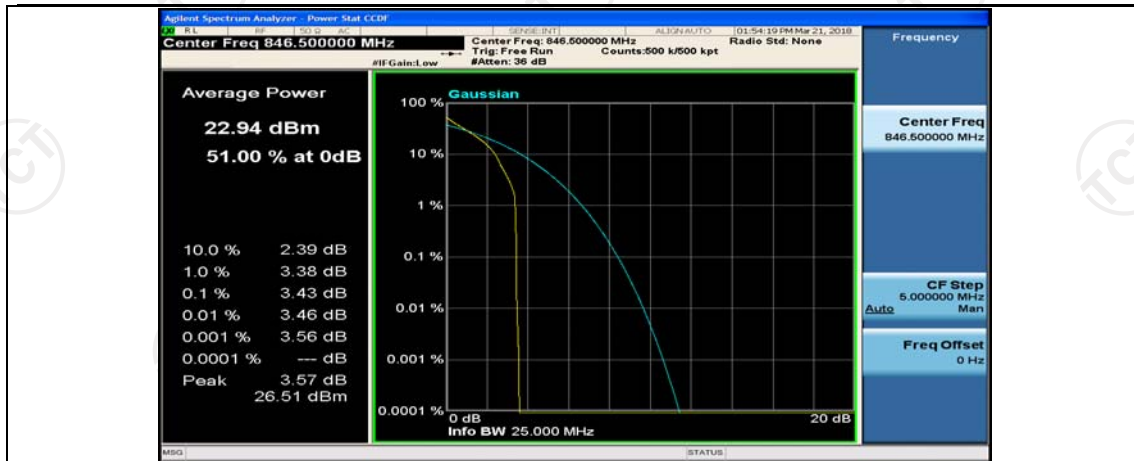
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



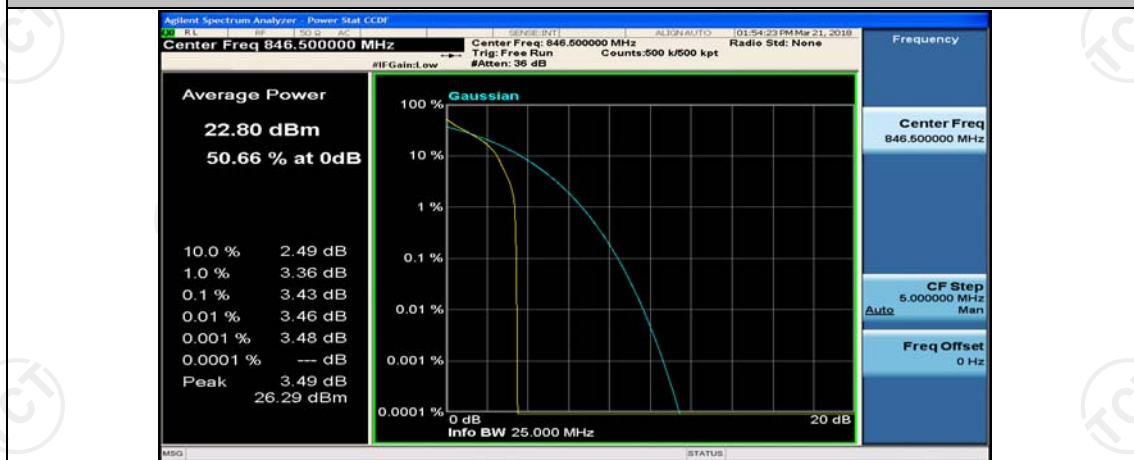
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



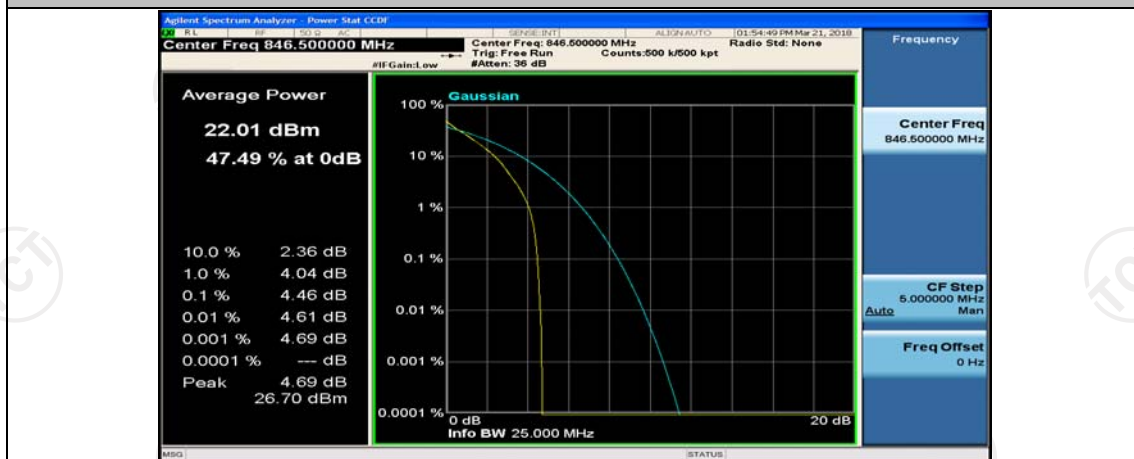
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



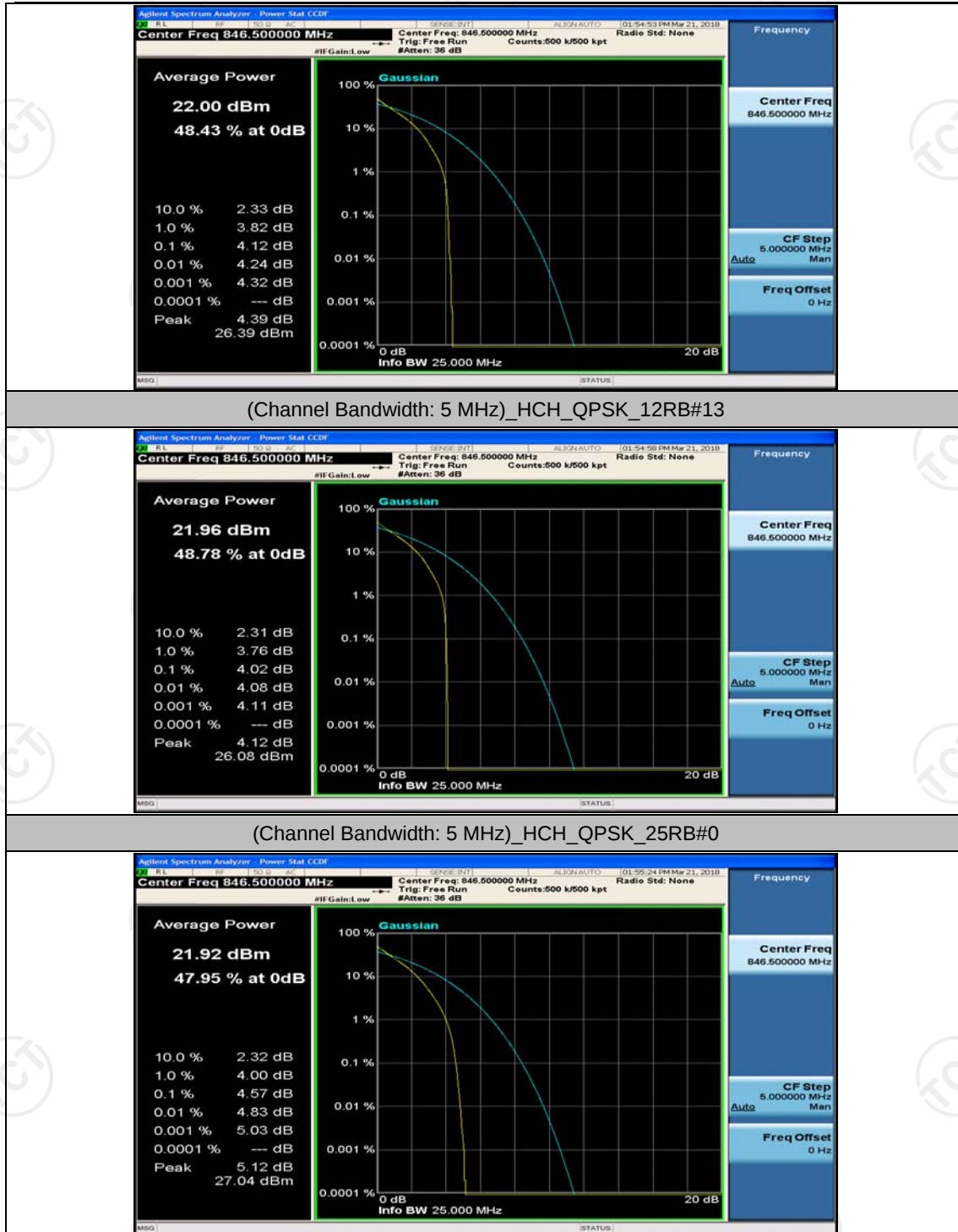
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



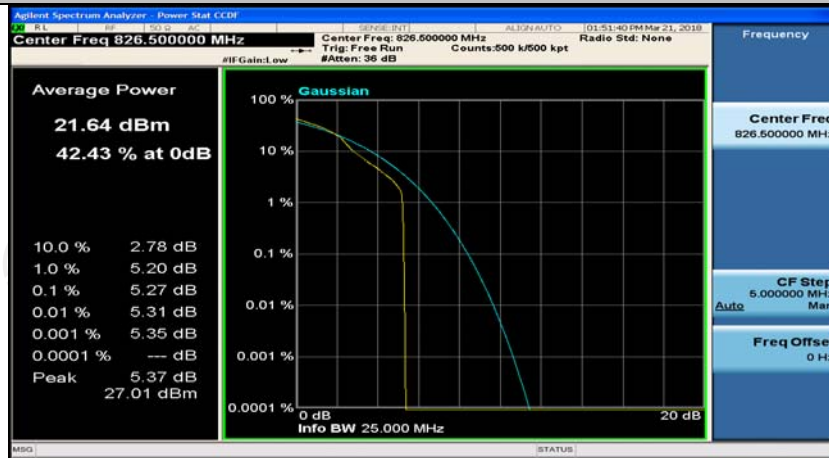
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



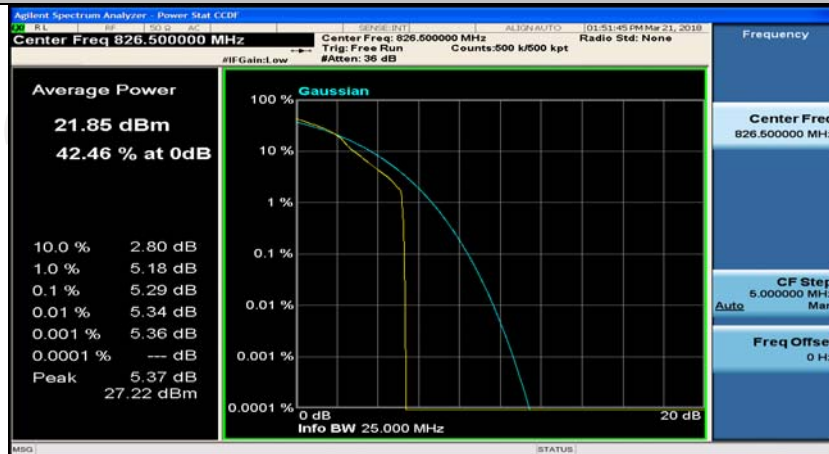
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



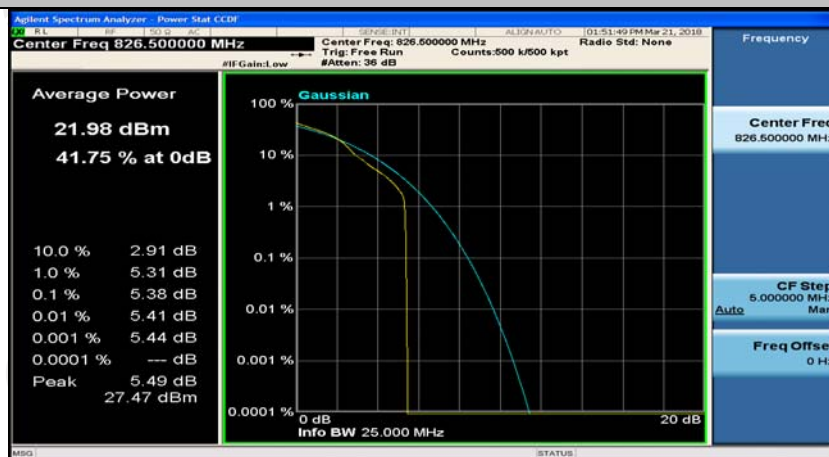
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



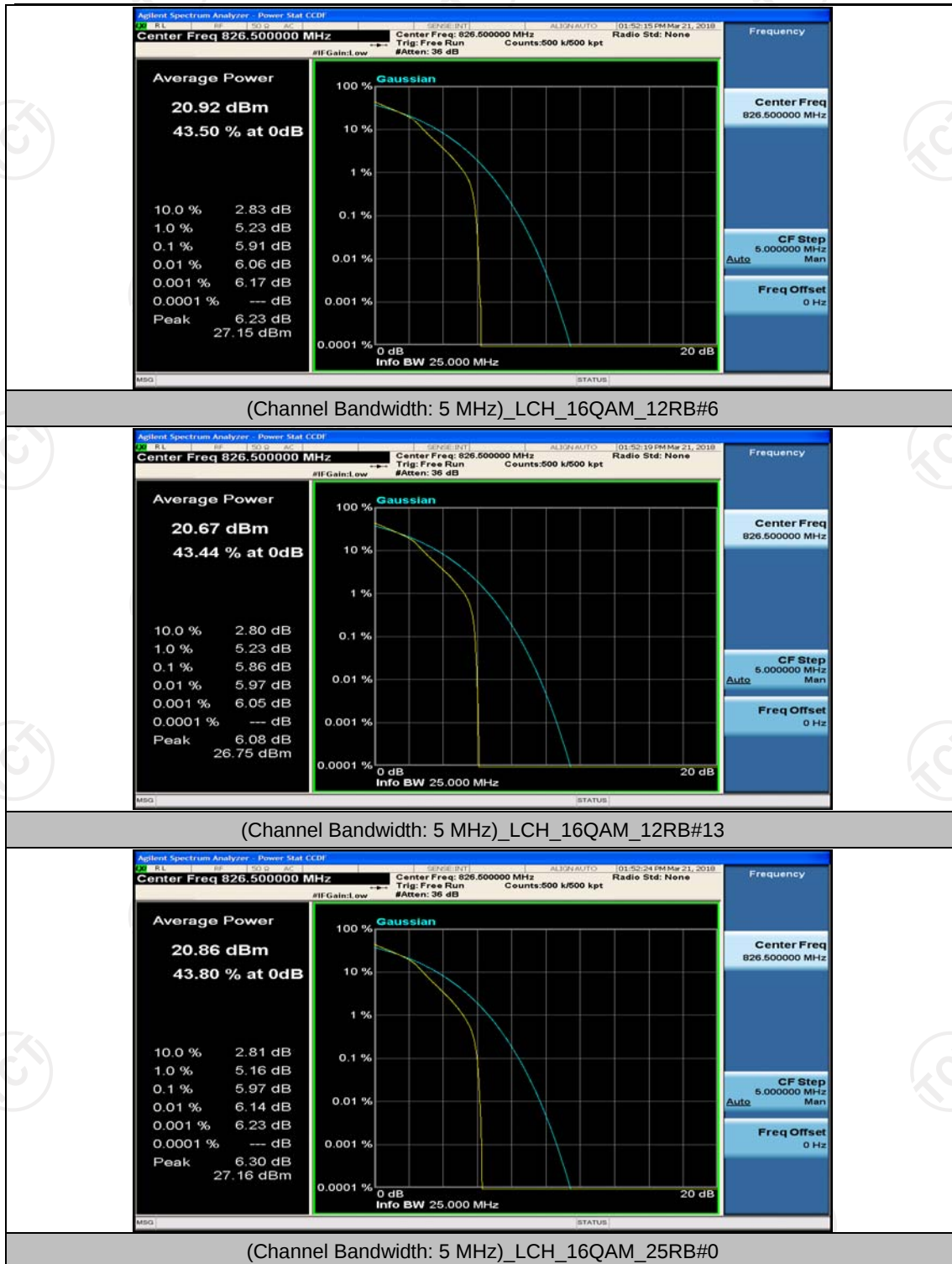
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0

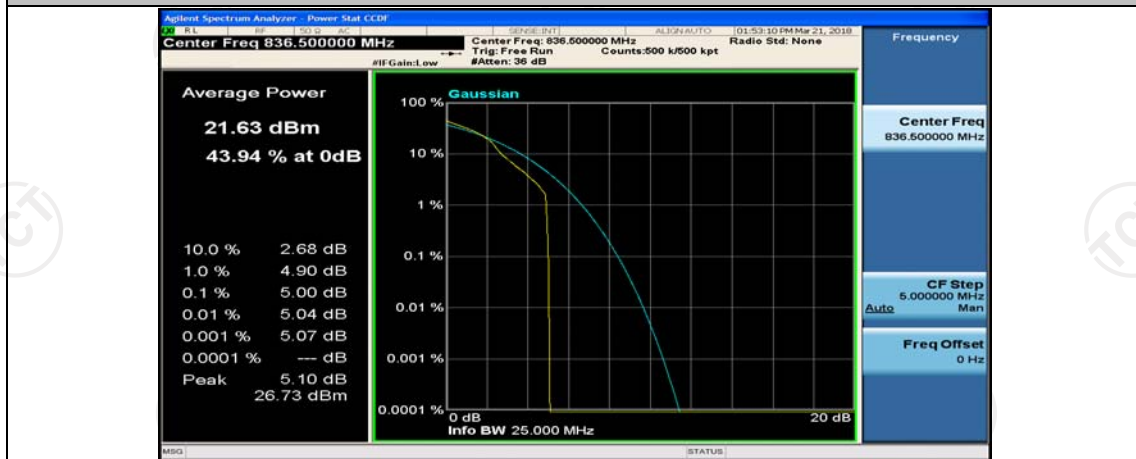




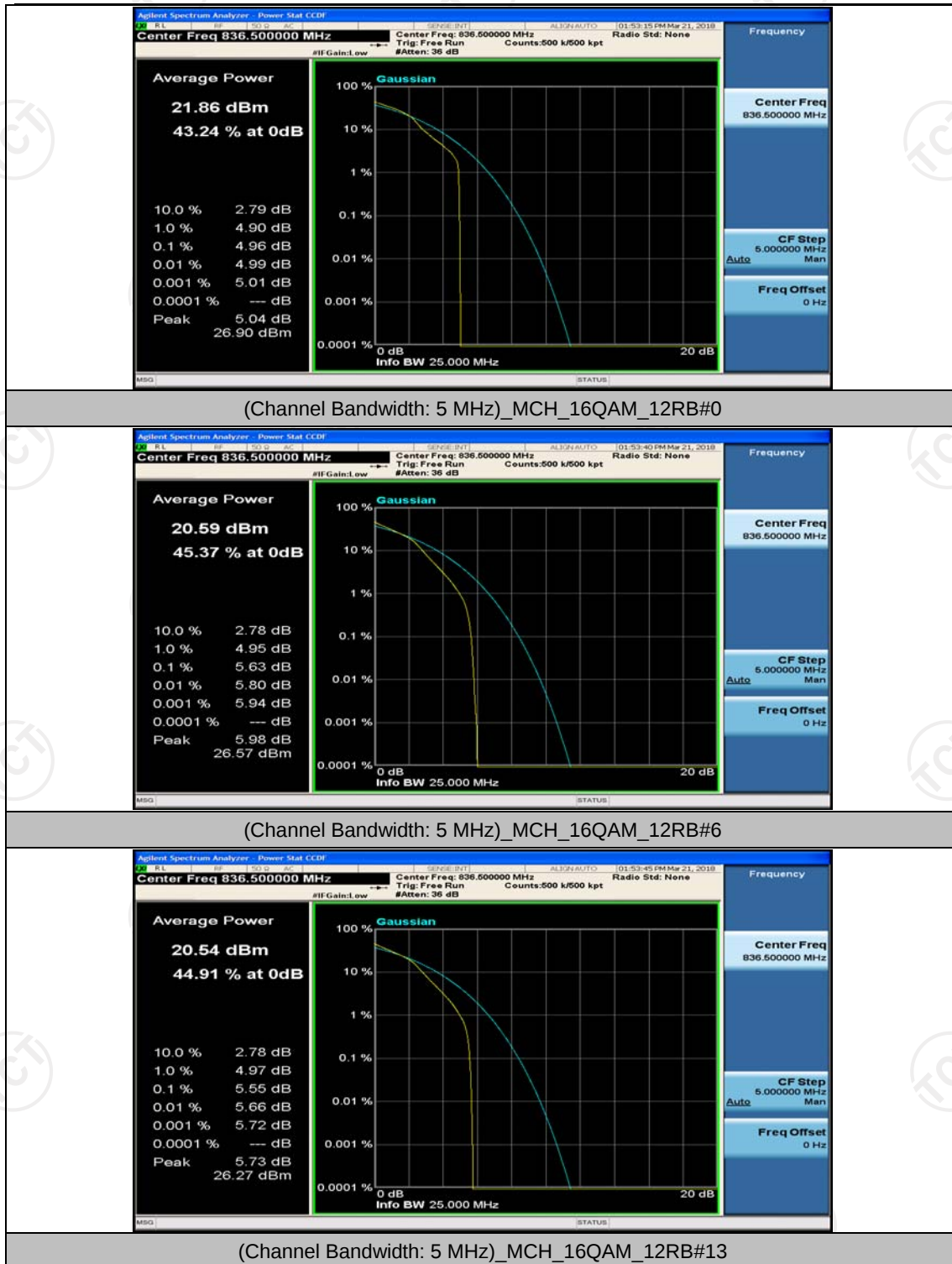
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0

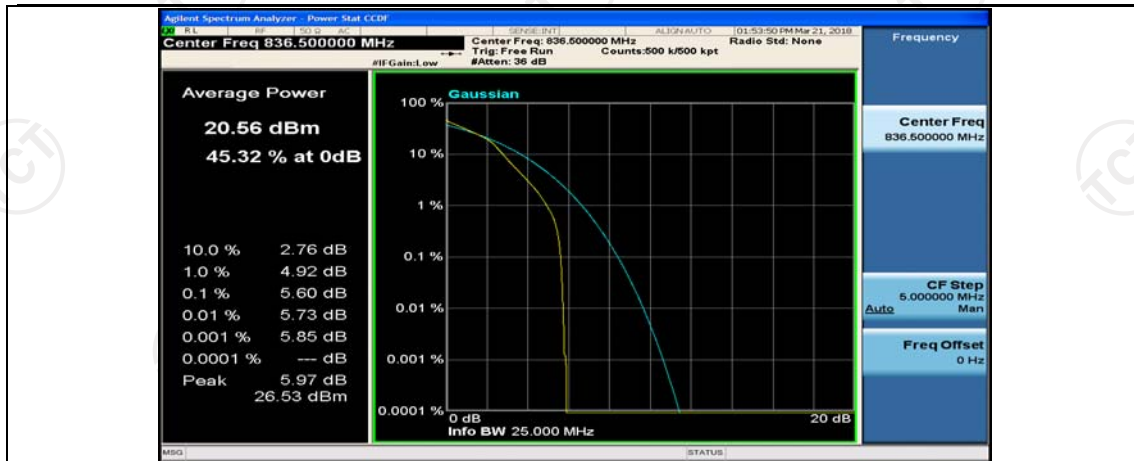


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24





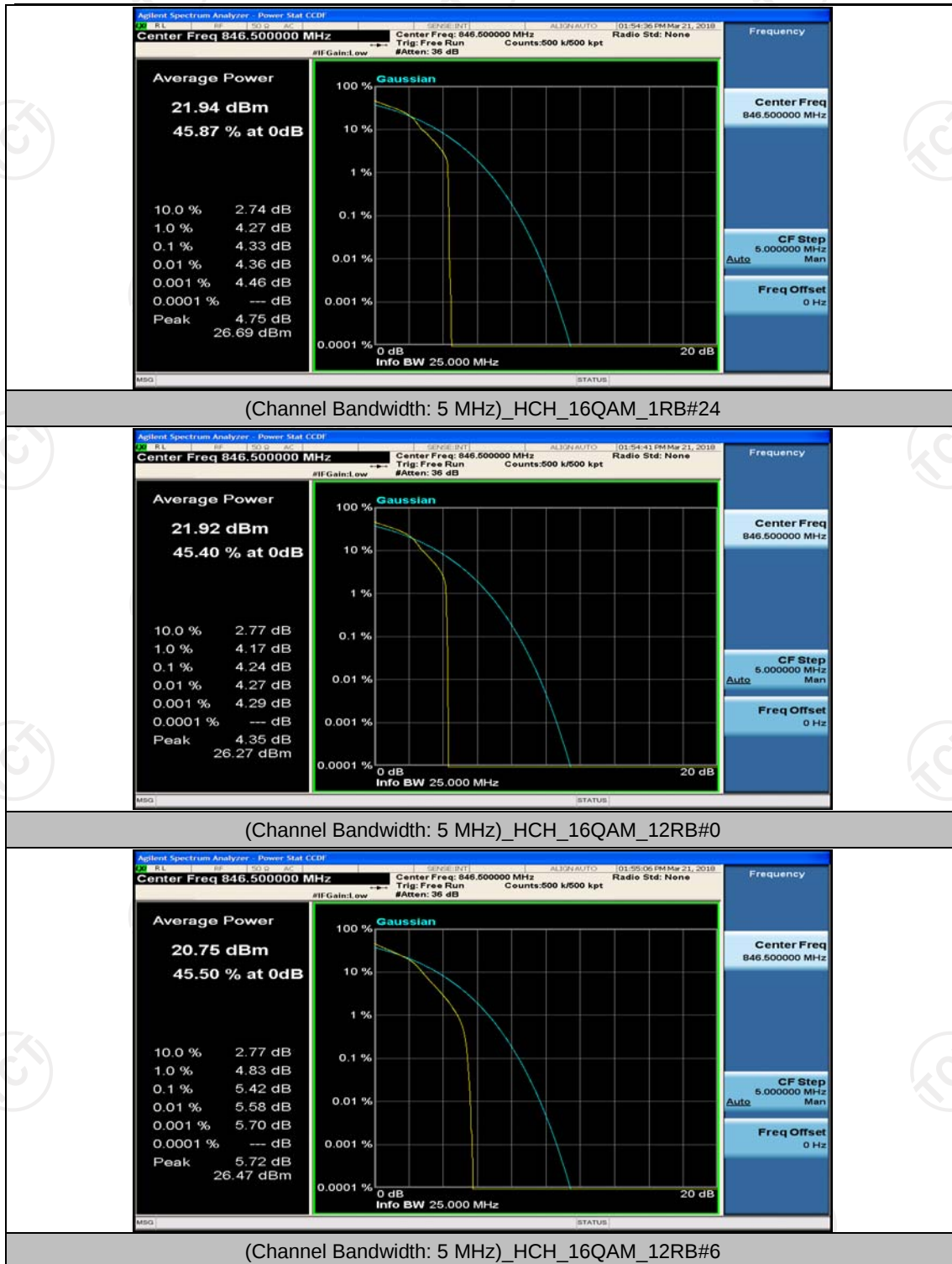
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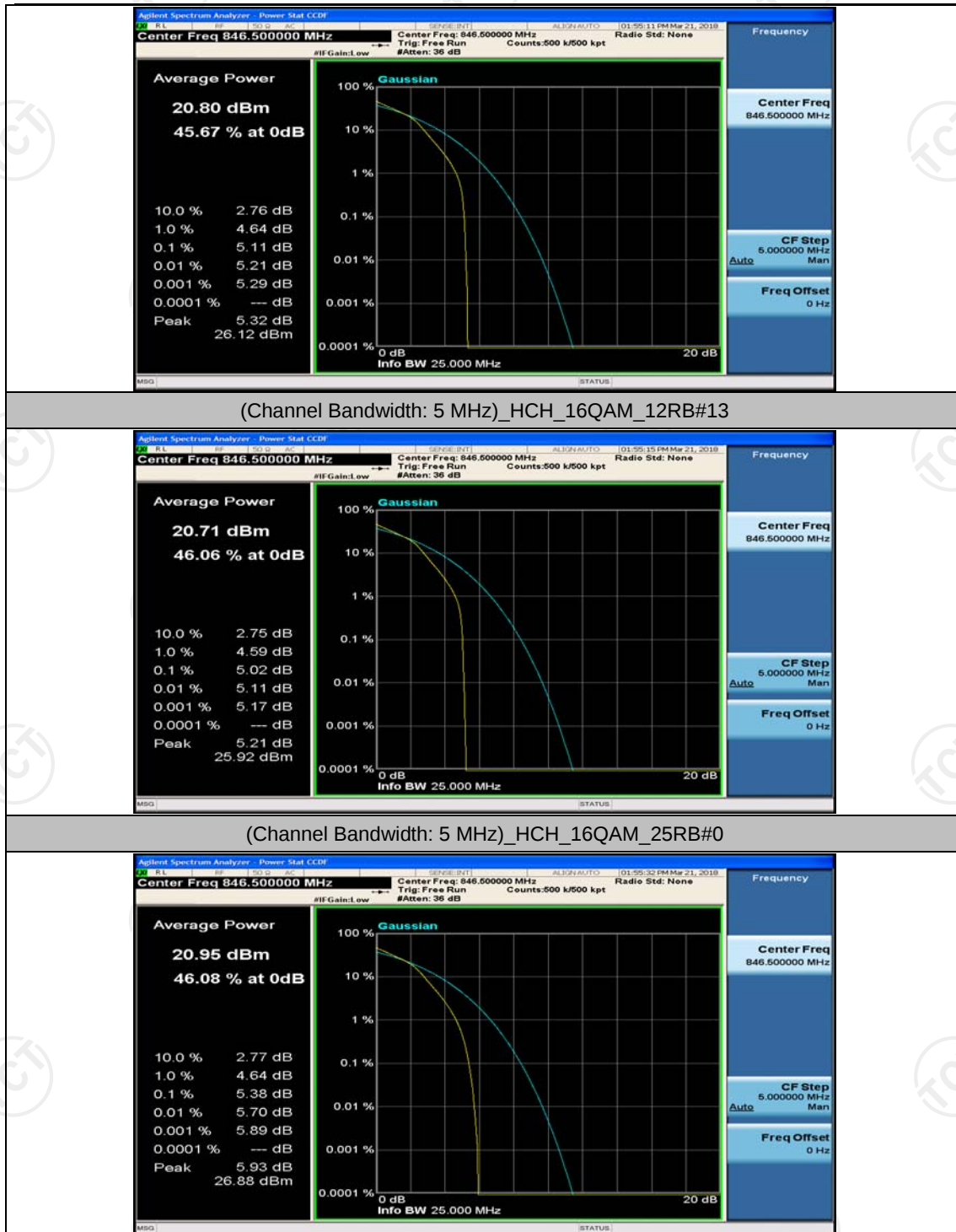


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

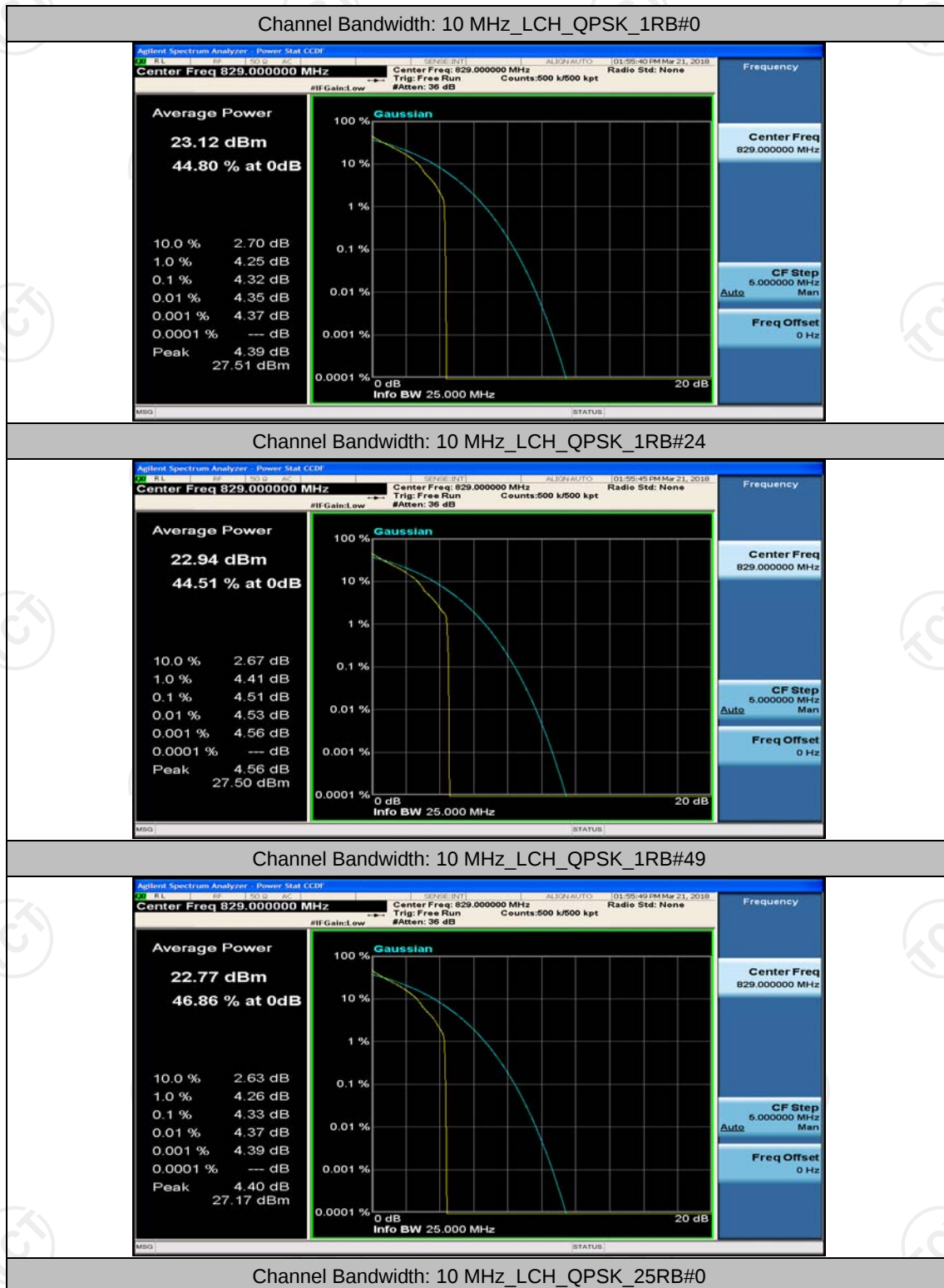


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12





Channel Bandwidth: 10 MHz



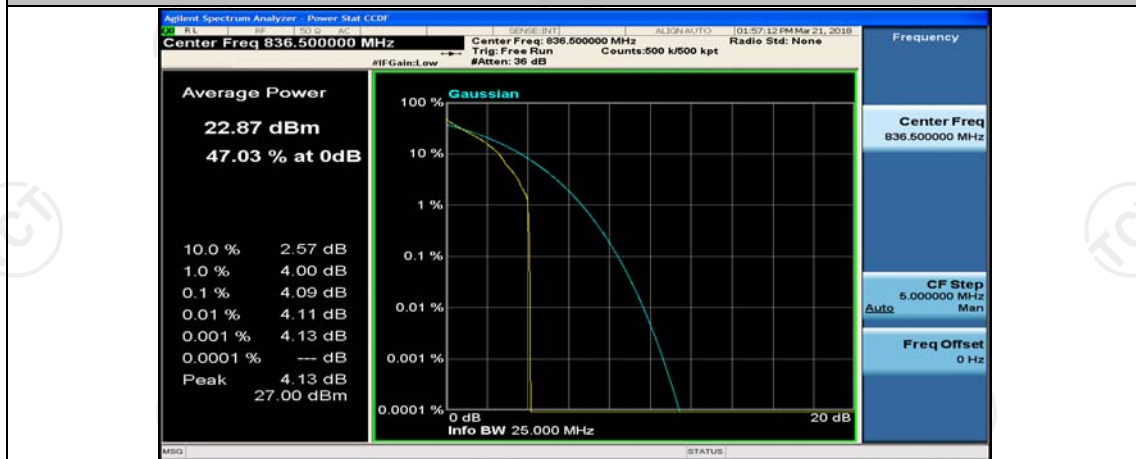




Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

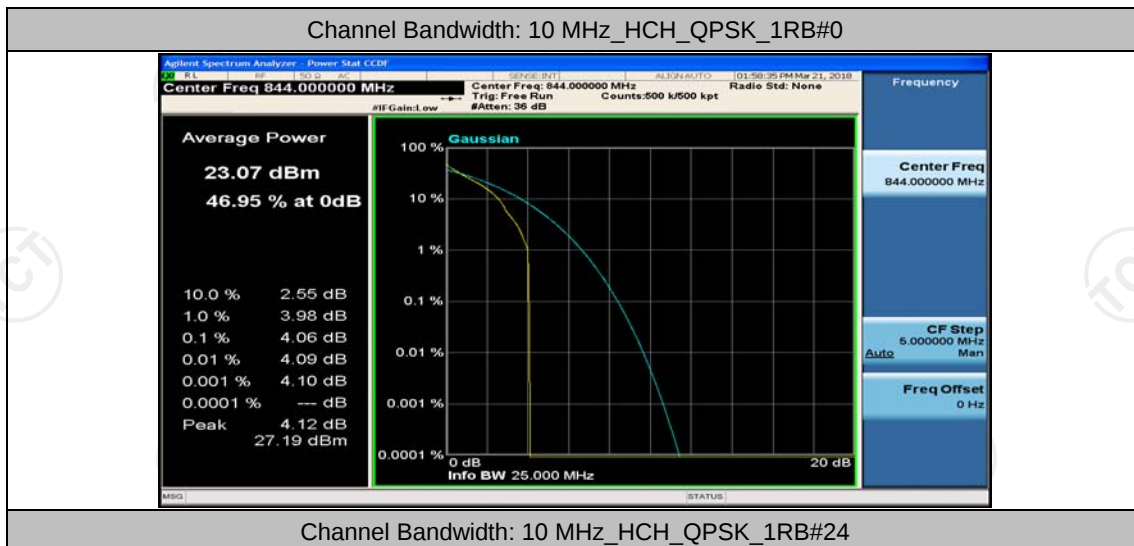
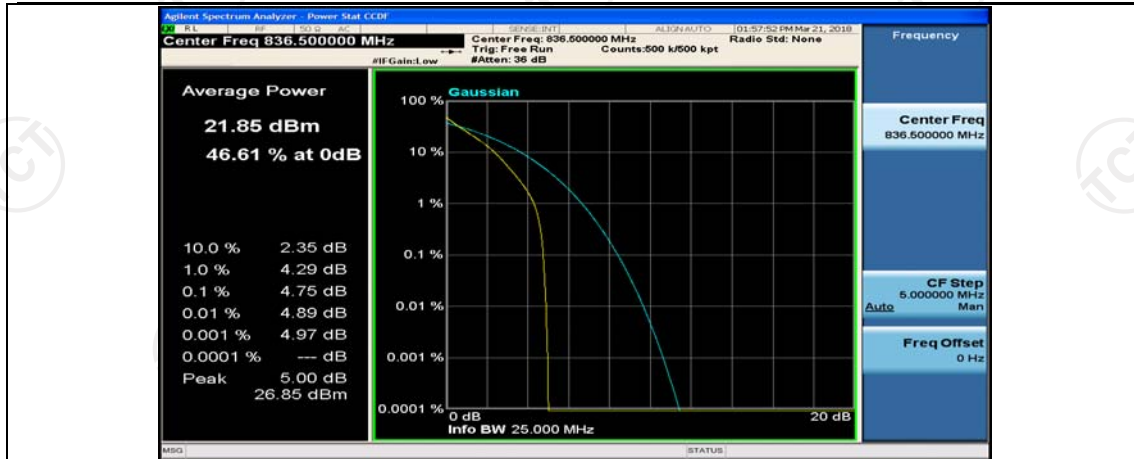


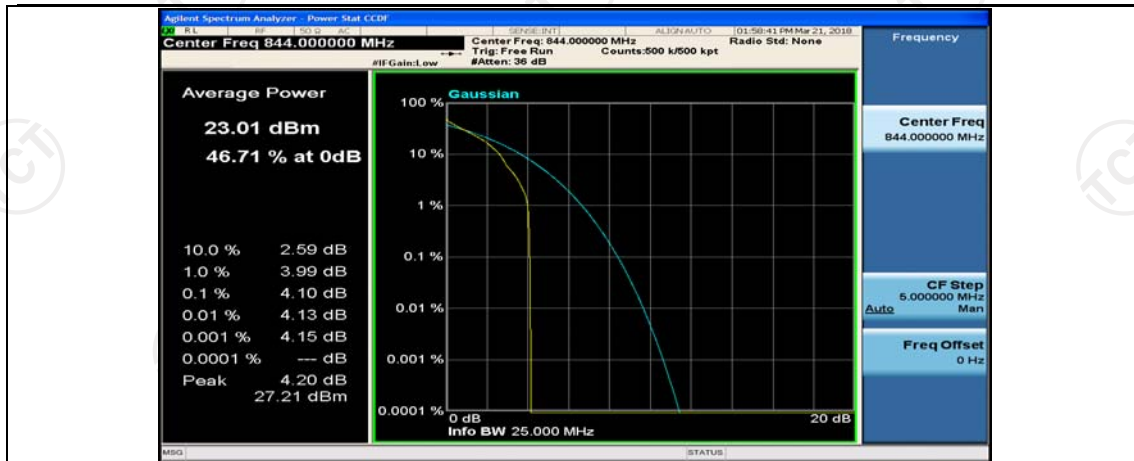
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24



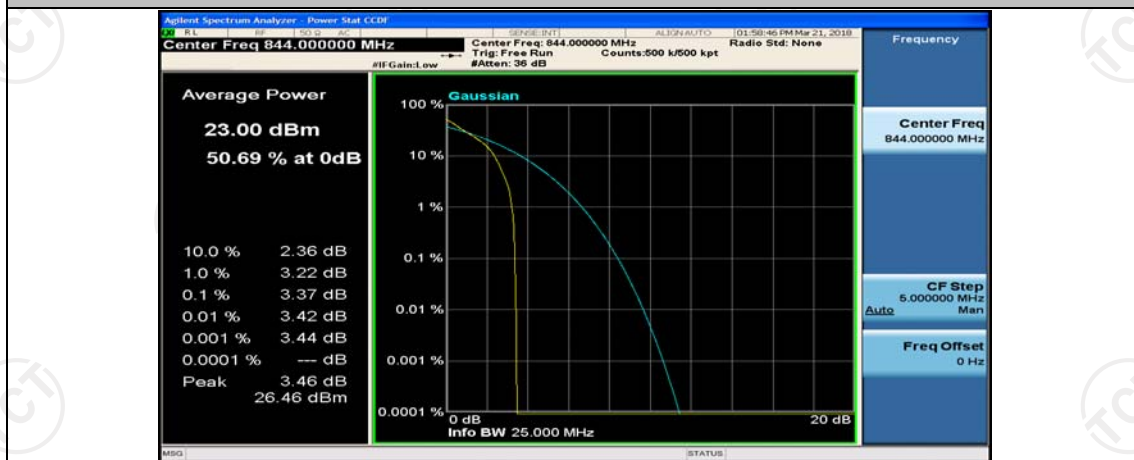
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49







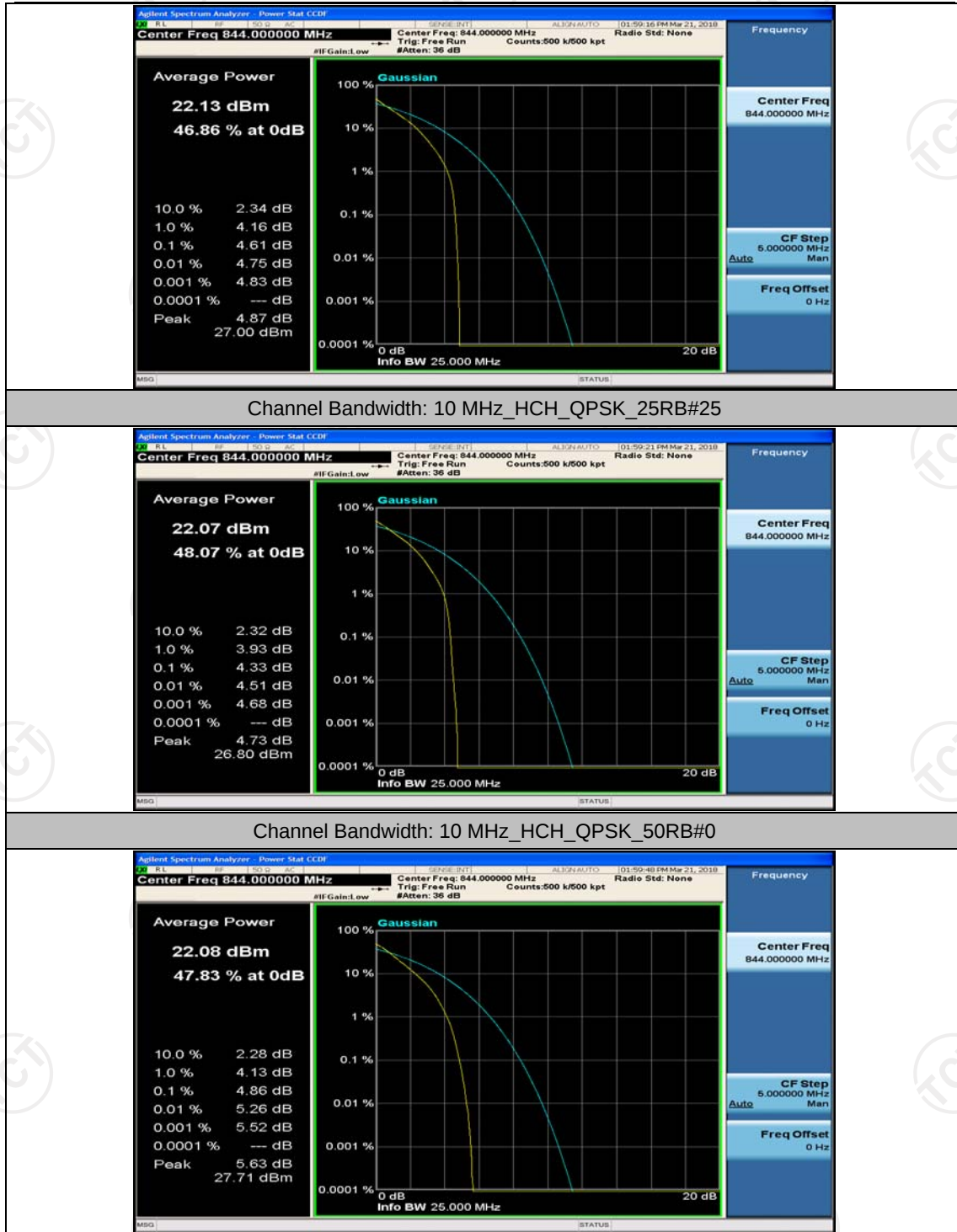
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49



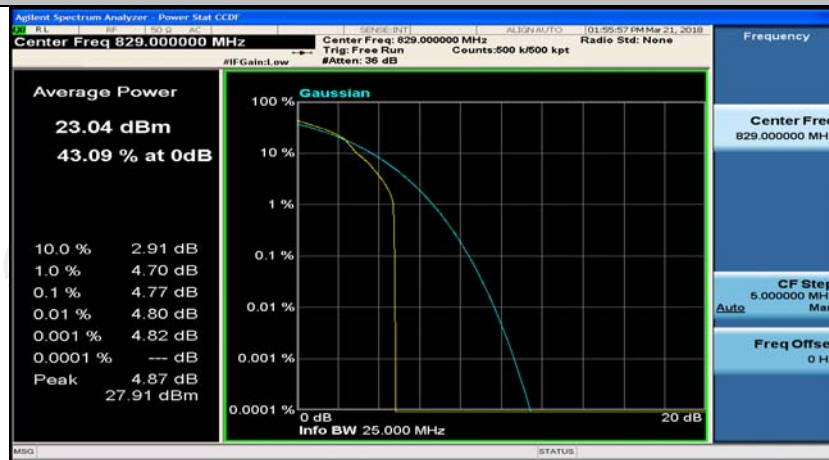
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0



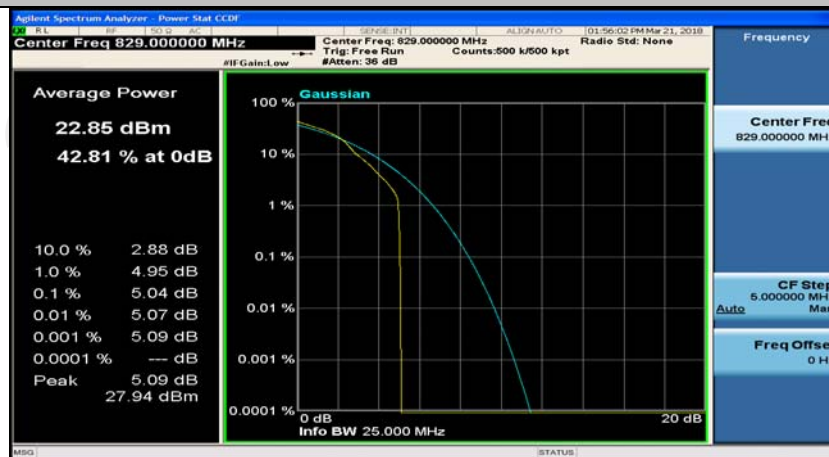
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



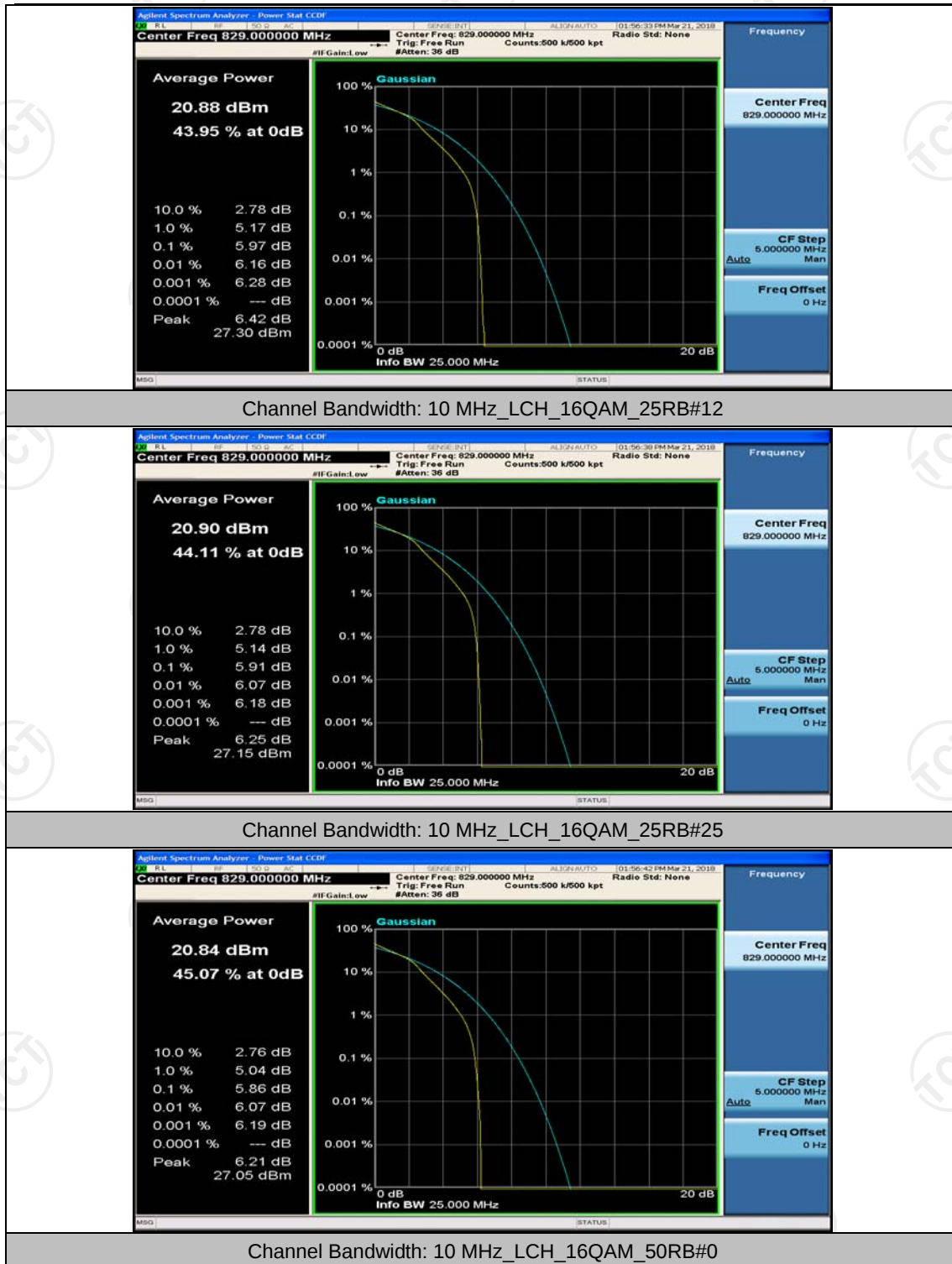
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24

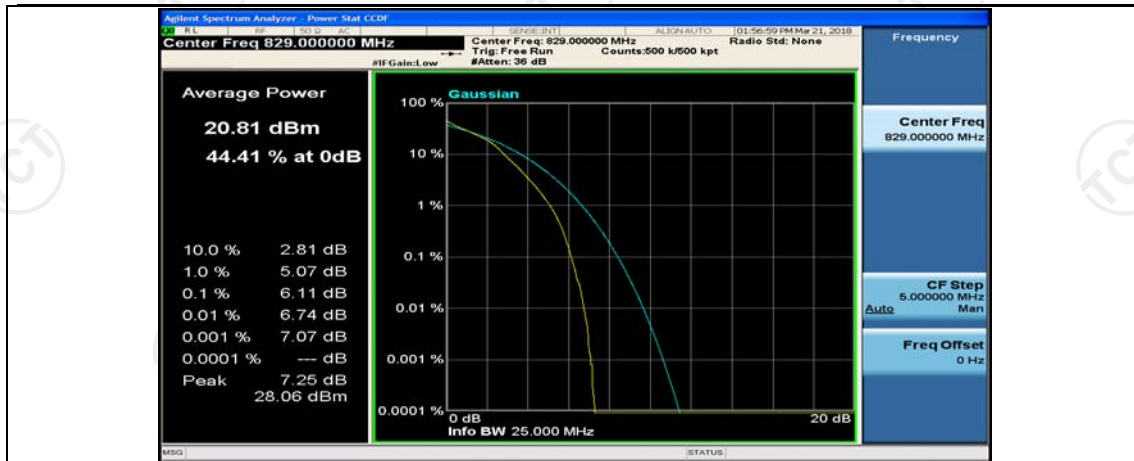


Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49



Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0





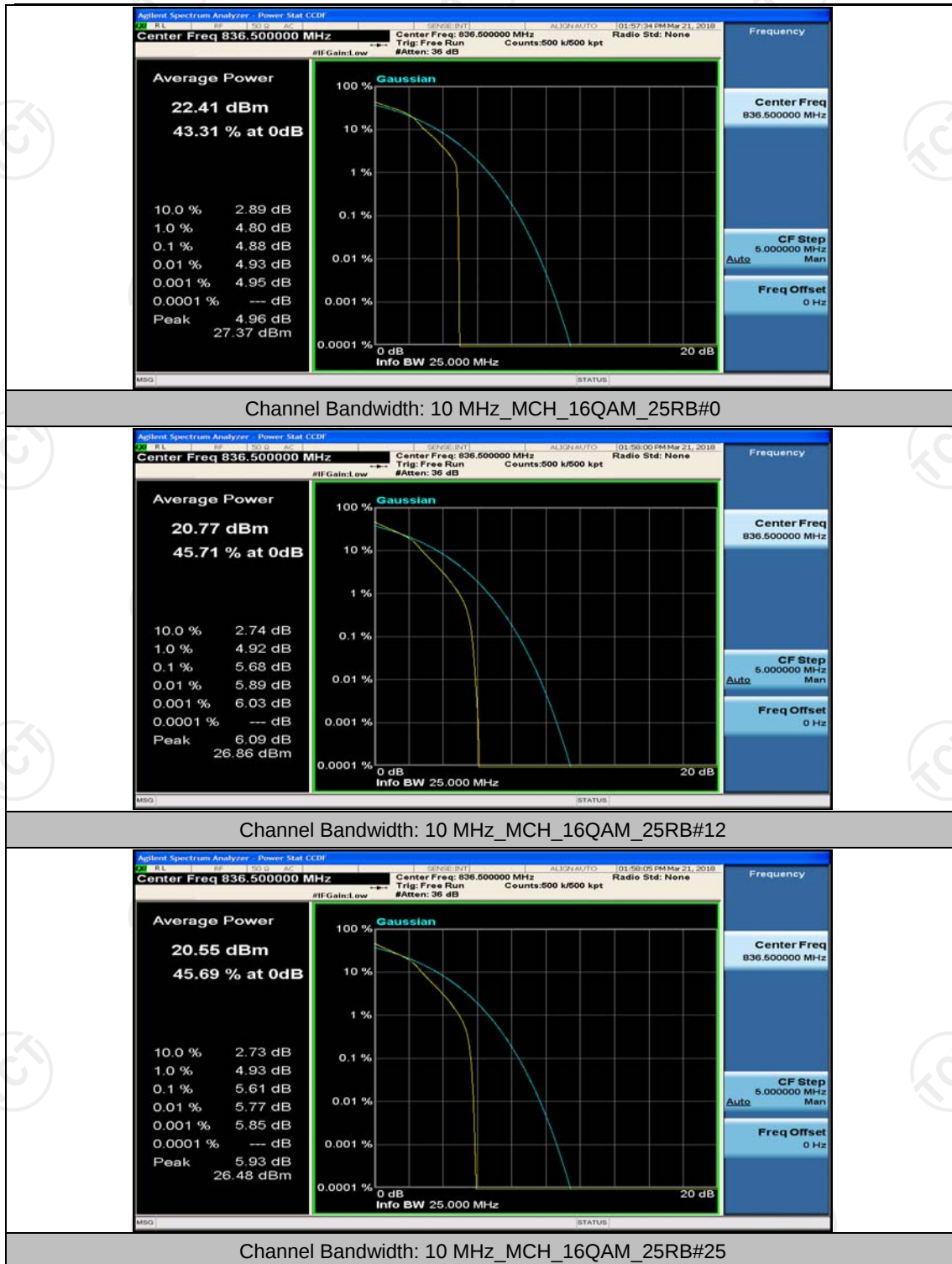
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

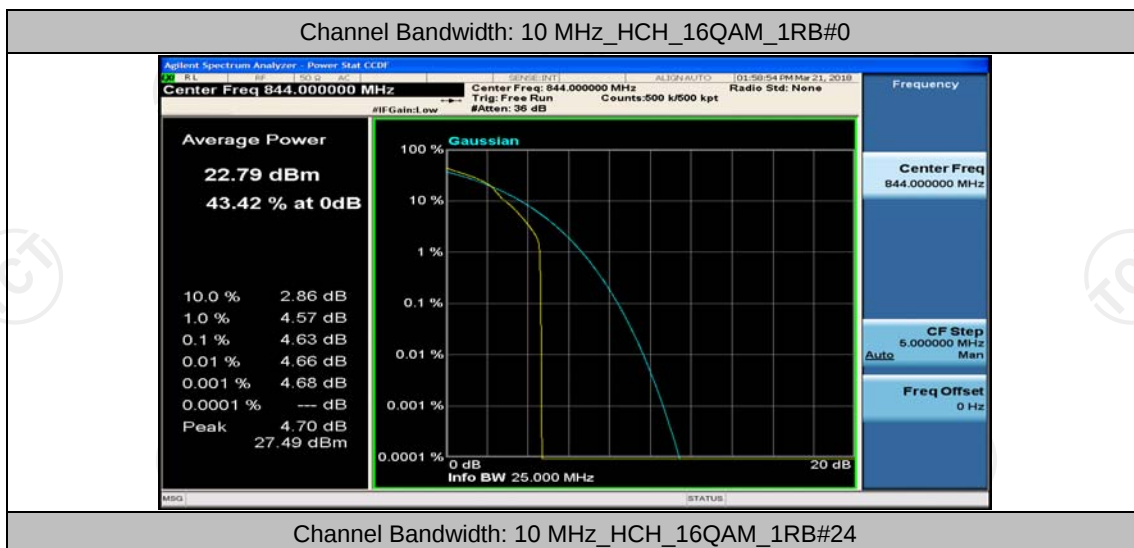


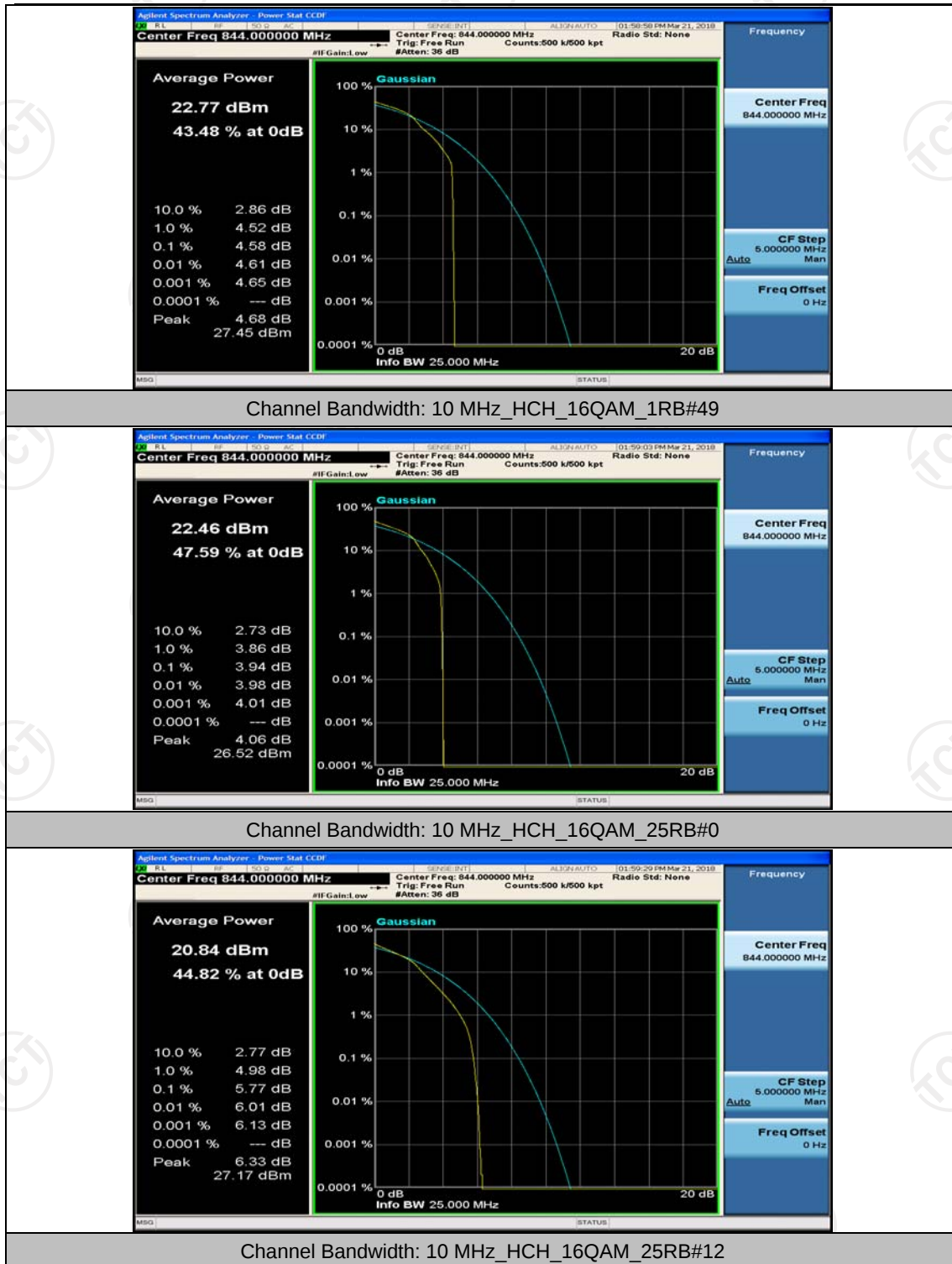
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

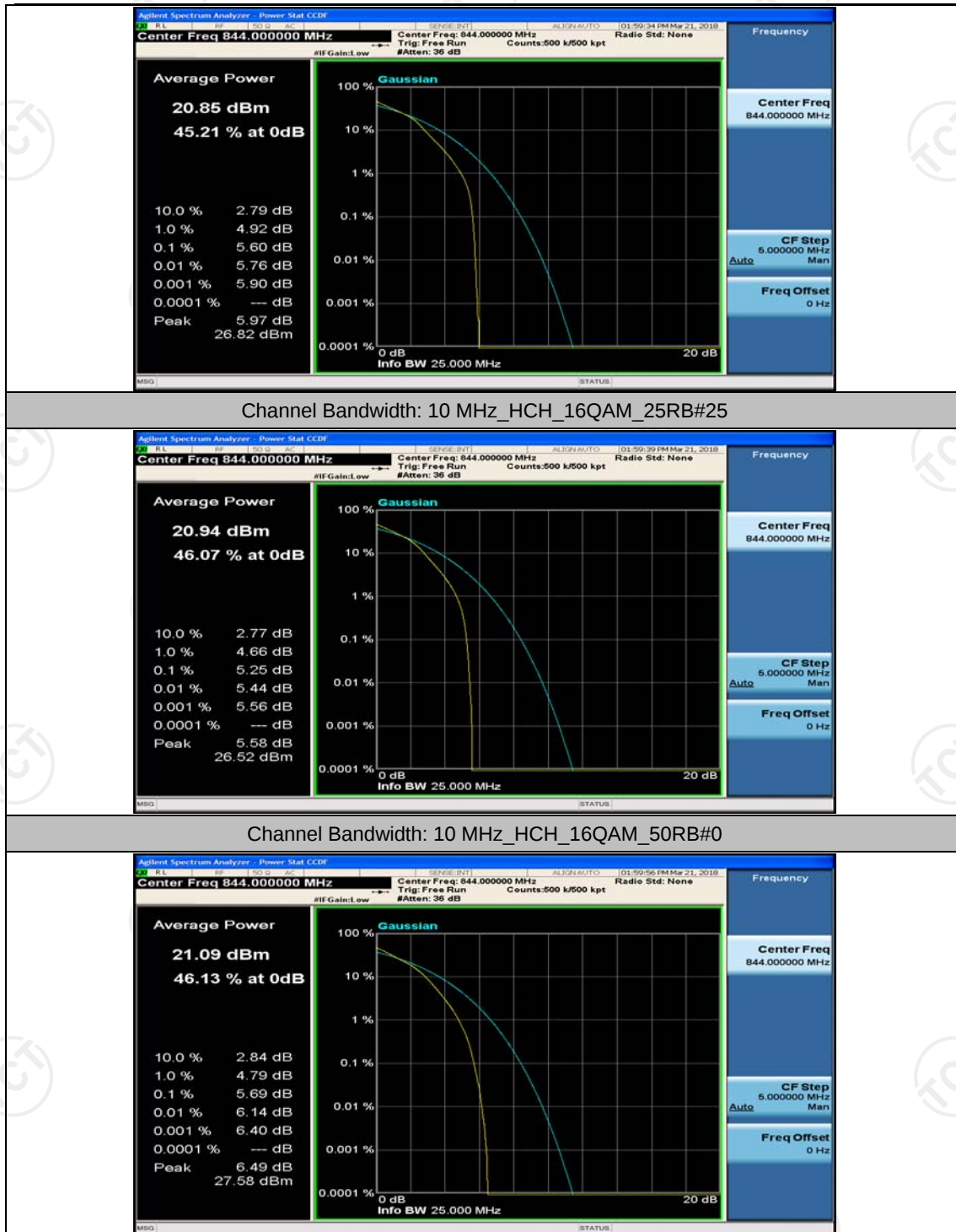


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49









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	0.214	0.314	PASS
		1	3	0.245	0.413	PASS
		1	5	0.217	0.331	PASS
		3	0	0.548	0.704	PASS
		3	2	0.557	0.756	PASS
		3	3	0.551	0.712	PASS
		6	0	1.079	1.242	PASS
	MCH	1	0	0.212	0.330	PASS
		1	3	0.236	0.402	PASS
		1	5	0.210	0.320	PASS
		3	0	0.550	0.712	PASS
		3	2	0.555	0.799	PASS
		3	3	0.549	0.703	PASS
		6	0	1.079	1.234	PASS
	HCH	1	0	0.215	0.332	PASS
		1	3	0.246	0.393	PASS
		1	5	0.214	0.331	PASS
		3	0	0.553	0.728	PASS
		3	2	0.558	0.776	PASS
		3	3	0.548	0.719	PASS
		6	0	1.079	1.233	PASS
16QAM	LCH	1	0	0.222	0.352	PASS
		1	3	0.247	0.390	PASS
		1	5	0.226	0.346	PASS
		3	0	0.553	0.693	PASS
		3	2	0.556	0.775	PASS
		3	3	0.554	0.718	PASS
		6	0	1.081	1.250	PASS
	MCH	1	0	0.220	0.364	PASS
		1	3	0.243	0.429	PASS

		1	5	0.222	0.332	PASS
		3	0	0.551	0.712	PASS
		3	2	0.566	0.752	PASS
		3	3	0.555	0.722	PASS
		6	0	1.081	1.252	PASS
	HCH	1	0	0.233	0.393	PASS
		1	3	0.257	0.383	PASS
		1	5	0.229	0.369	PASS
		3	0	0.555	0.756	PASS
		3	2	0.565	0.844	PASS
		3	3	0.554	0.746	PASS
		6	0	1.081	1.240	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	0.238	0.364	PASS
		1	7	0.318	0.517	PASS
		1	14	0.236	0.353	PASS
		8	0	1.447	1.673	PASS
		8	4	1.451	1.816	PASS
		8	7	1.450	1.657	PASS
		15	0	2.688	2.898	PASS
	MCH	1	0	0.235	0.360	PASS
		1	7	0.315	0.505	PASS
		1	14	0.235	0.354	PASS
		8	0	1.442	1.643	PASS
		8	4	1.454	1.838	PASS
		8	7	1.447	1.670	PASS
		15	0	2.684	2.906	PASS
	HCH	1	0	0.238	0.376	PASS
		1	7	0.318	0.558	PASS
		1	14	0.238	0.371	PASS
		8	0	1.452	1.639	PASS
		8	4	1.457	1.846	PASS
		8	7	1.450	1.663	PASS
		15	0	2.683	2.888	PASS

16QAM	LCH	1	0	0.239	0.374	PASS
		1	7	0.332	0.501	PASS
		1	14	0.240	0.334	PASS
		8	0	1.447	1.694	PASS
		8	4	1.456	1.843	PASS
		8	7	1.445	1.678	PASS
		15	0	2.685	2.894	PASS
	MCH	1	0	0.234	0.350	PASS
		1	7	0.328	0.546	PASS
		1	14	0.238	0.359	PASS
		8	0	1.446	1.666	PASS
		8	4	1.450	1.822	PASS
		8	7	1.443	1.669	PASS
		15	0	2.686	2.905	PASS
	HCH	1	0	0.240	0.373	PASS
		1	7	0.332	0.496	PASS
		1	14	0.232	0.380	PASS
		8	0	1.445	1.686	PASS
		8	4	1.451	1.843	PASS
		8	7	1.445	1.677	PASS
		15	0	2.684	2.900	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	0.287	0.455	PASS
		1	12	0.400	0.637	PASS
		1	24	0.300	0.462	PASS
		12	0	2.172	2.533	PASS
		12	6	2.185	2.716	PASS
		12	13	2.175	2.519	PASS
		25	0	4.481	4.843	PASS
	MCH	1	0	0.284	0.434	PASS
		1	12	0.392	0.646	PASS
		1	24	0.297	0.486	PASS
		12	0	2.175	2.545	PASS
		12	6	2.175	2.758	PASS

		12	13	2.172	2.499	PASS
		25	0	4.476	4.845	PASS
	HCH	1	0	0.286	0.452	PASS
		1	12	0.402	0.635	PASS
		1	24	0.298	0.484	PASS
		12	0	2.172	2.558	PASS
		12	6	2.179	2.808	PASS
		12	13	2.175	2.556	PASS
		25	0	4.471	4.846	PASS
16QAM	LCH	1	0	0.279	0.451	PASS
		1	12	0.406	0.673	PASS
		1	24	0.296	0.493	PASS
		12	0	2.178	2.500	PASS
		12	6	2.184	2.713	PASS
		12	13	2.180	2.488	PASS
		25	0	4.489	4.839	PASS
	MCH	1	0	0.284	0.438	PASS
		1	12	0.406	0.593	PASS
		1	24	0.302	0.442	PASS
		12	0	2.174	2.504	PASS
		12	6	2.182	2.672	PASS
		12	13	2.180	2.511	PASS
		25	0	4.486	4.800	PASS
	HCH	1	0	0.286	0.482	PASS
		1	12	0.407	0.631	PASS
		1	24	0.298	0.481	PASS
		12	0	2.178	2.446	PASS
		12	6	2.180	2.873	PASS
		12	13	2.181	2.569	PASS
		25	0	4.475	4.805	PASS

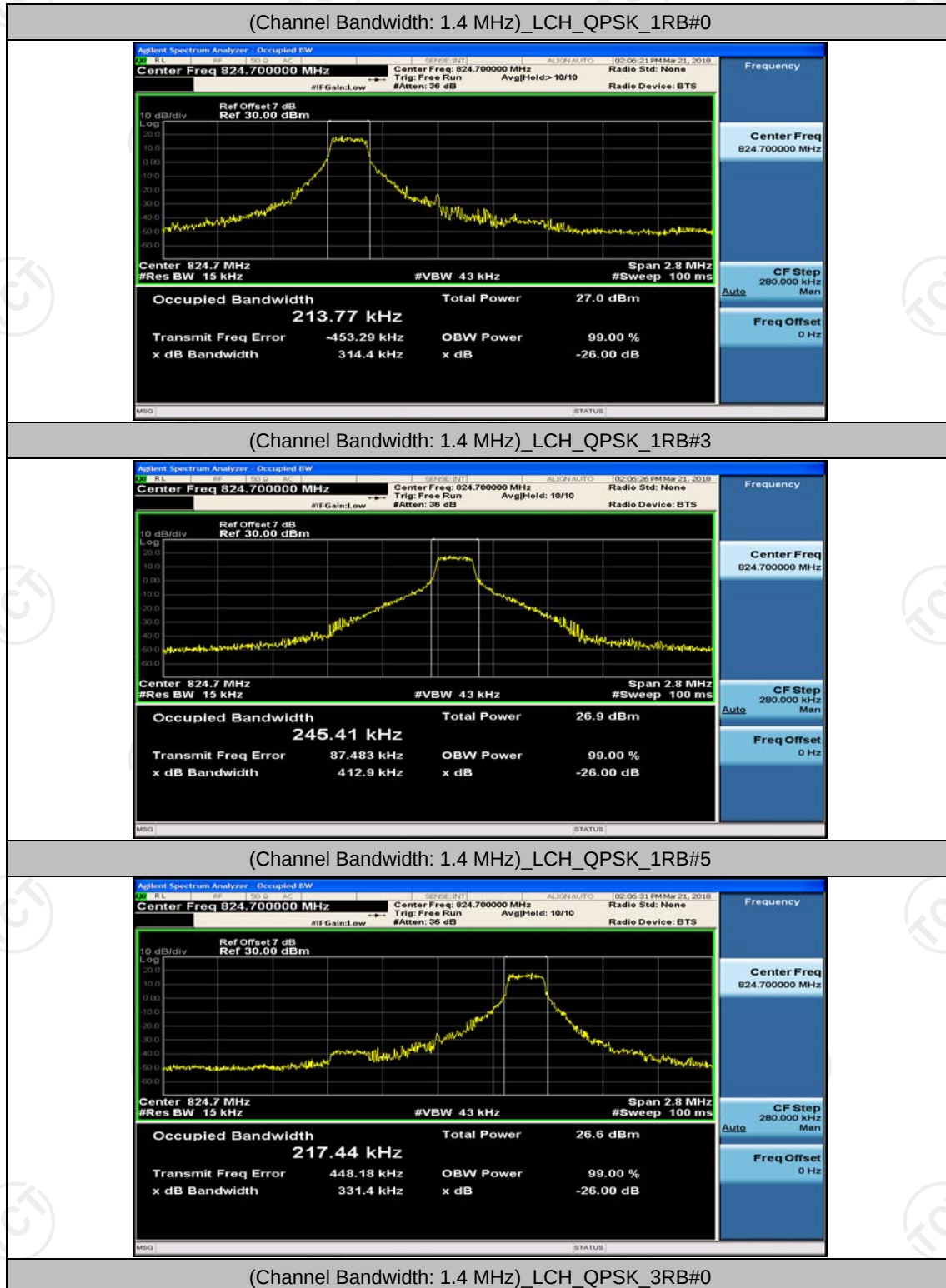
Channel Bandwidth: 10 MHz

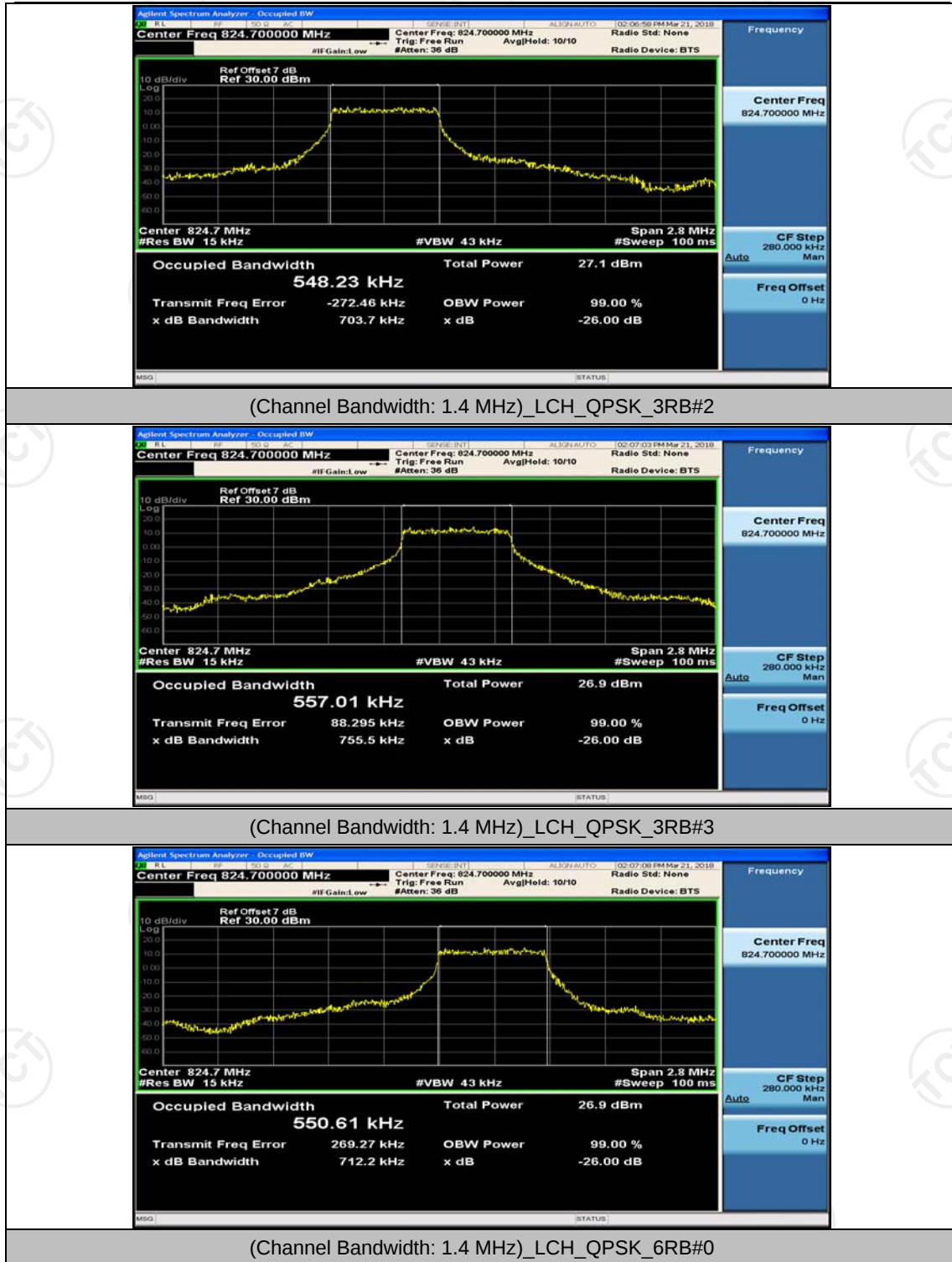
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.380	0.565	PASS
		1	25	0.445	0.733	PASS
		1	49	0.382	0.553	PASS
		25	0	4.516	4.915	PASS

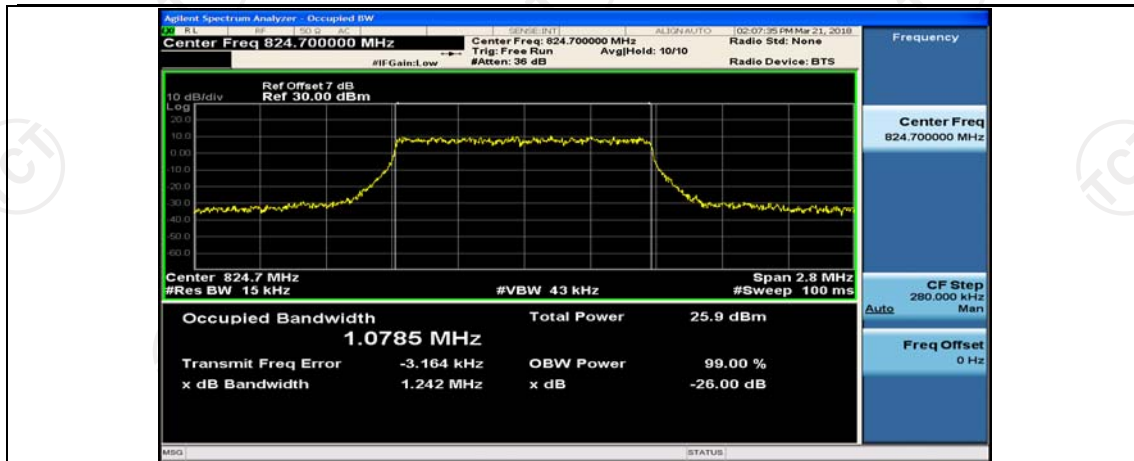
		25	12	4.524	5.076	PASS
		25	25	4.517	4.942	PASS
		50	0	8.942	9.524	PASS
	MCH	1	0	0.393	0.584	PASS
		1	25	0.470	0.713	PASS
		1	49	0.386	0.569	PASS
		25	0	4.504	5.005	PASS
		25	12	4.507	5.067	PASS
		25	25	4.511	5.015	PASS
		50	0	8.935	9.493	PASS
		50	0	8.935	9.493	PASS
	HCH	1	0	0.382	0.555	PASS
		1	25	0.456	0.717	PASS
		1	49	0.385	0.563	PASS
		25	0	4.519	4.942	PASS
		25	12	4.510	5.120	PASS
		25	25	4.499	4.902	PASS
		50	0	8.920	9.512	PASS
		50	0	8.920	9.512	PASS
16QAM	LCH	1	0	0.384	0.550	PASS
		1	25	0.453	0.677	PASS
		1	49	0.379	0.578	PASS
		25	0	4.512	4.951	PASS
		25	12	4.501	5.011	PASS
		25	25	4.504	4.925	PASS
		50	0	8.935	9.517	PASS
		50	0	8.935	9.517	PASS
	MCH	1	0	0.377	0.563	PASS
		1	25	0.464	0.698	PASS
		1	49	0.379	0.571	PASS
		25	0	4.510	4.885	PASS
		25	12	4.518	5.091	PASS
		25	25	4.504	4.963	PASS
		50	0	8.925	9.467	PASS
		50	0	8.925	9.467	PASS
	HCH	1	0	0.384	0.588	PASS
		1	25	0.461	0.732	PASS
		1	49	0.389	0.567	PASS
		25	0	4.518	4.968	PASS
		25	12	4.508	5.120	PASS
		25	25	4.499	4.955	PASS
		50	0	8.918	9.406	PASS
		50	0	8.918	9.406	PASS

Test Graphs

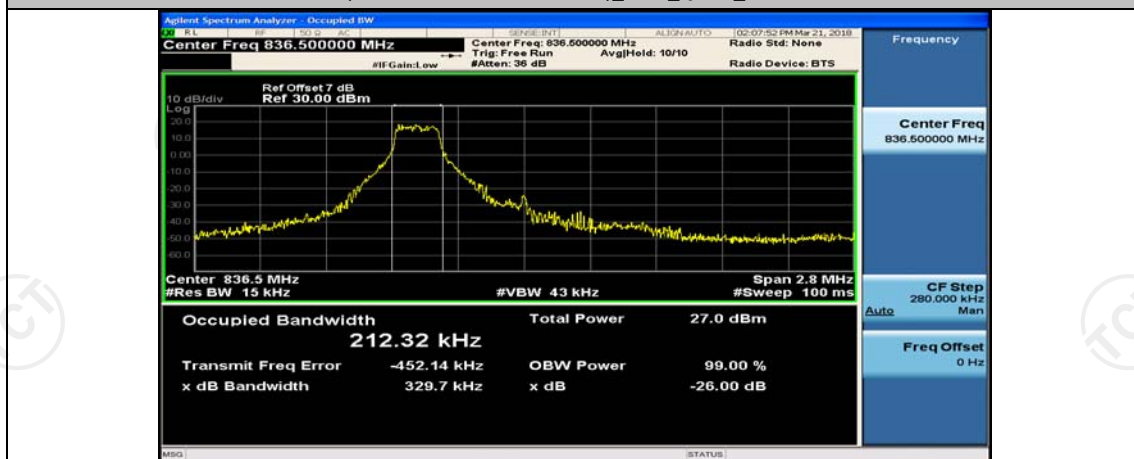
Channel Bandwidth: 1.4 MHz



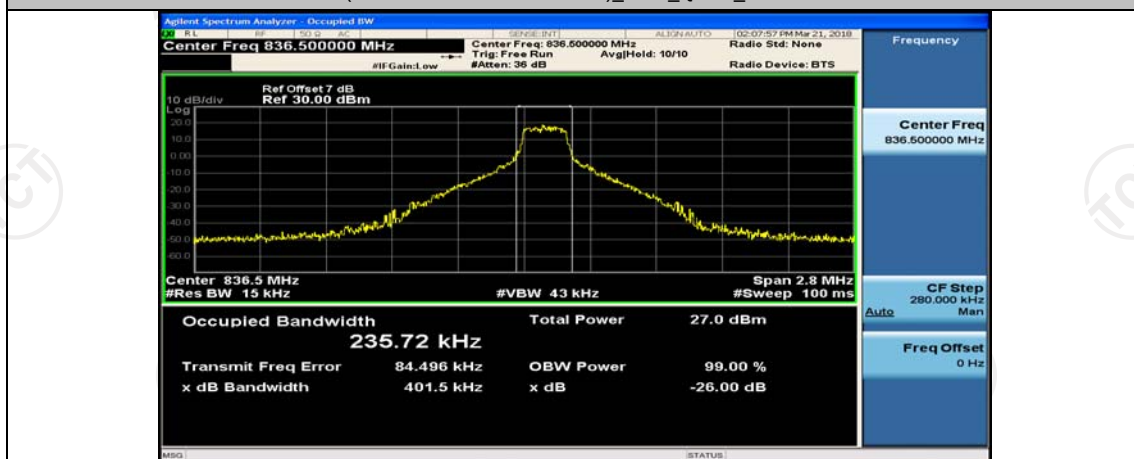




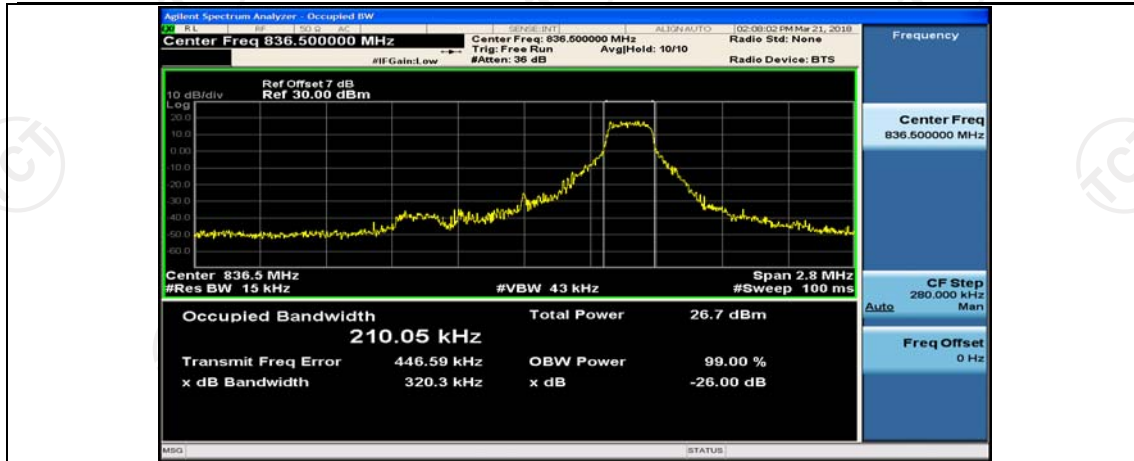
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5



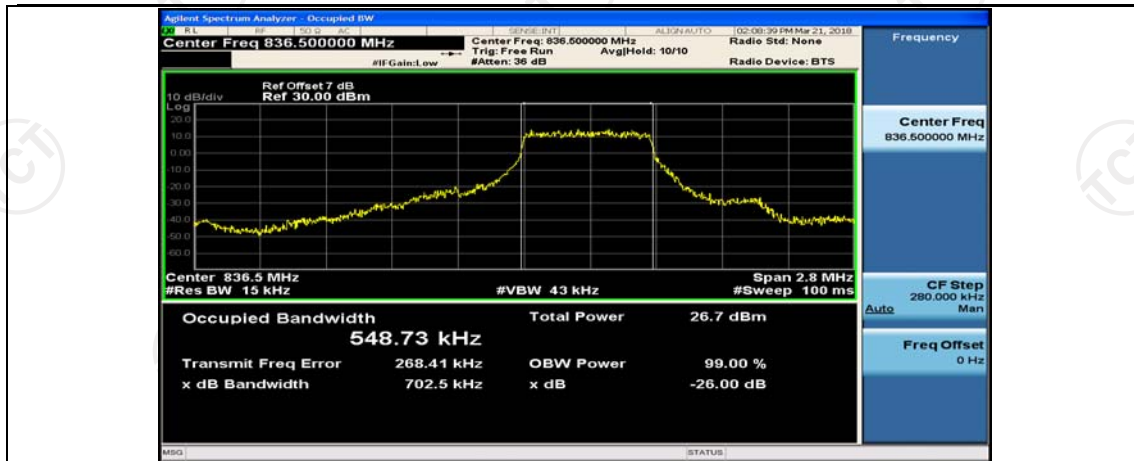
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#0



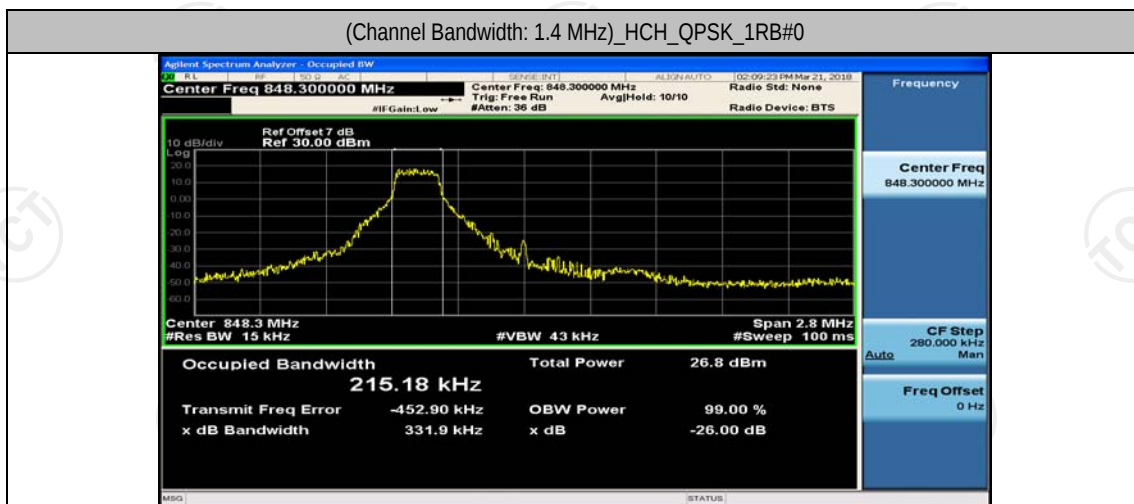
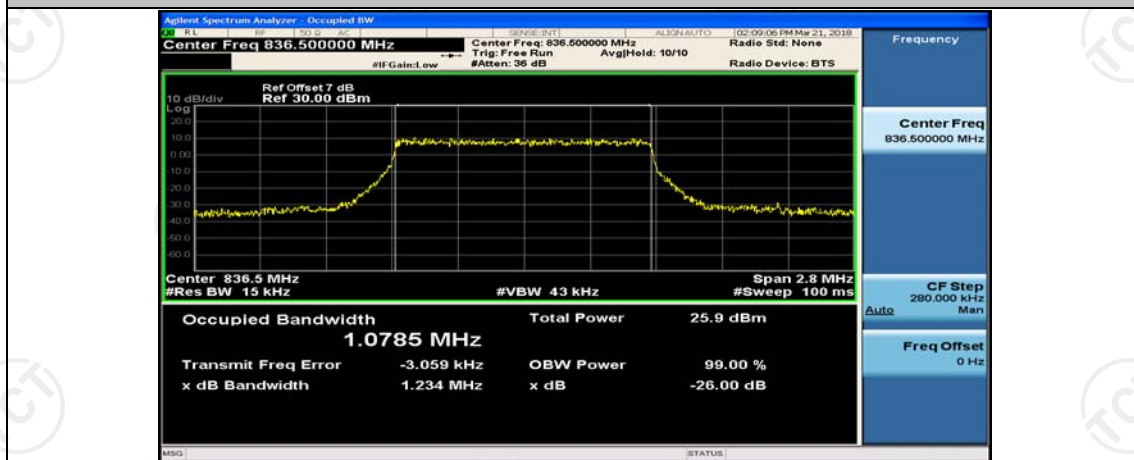
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#2



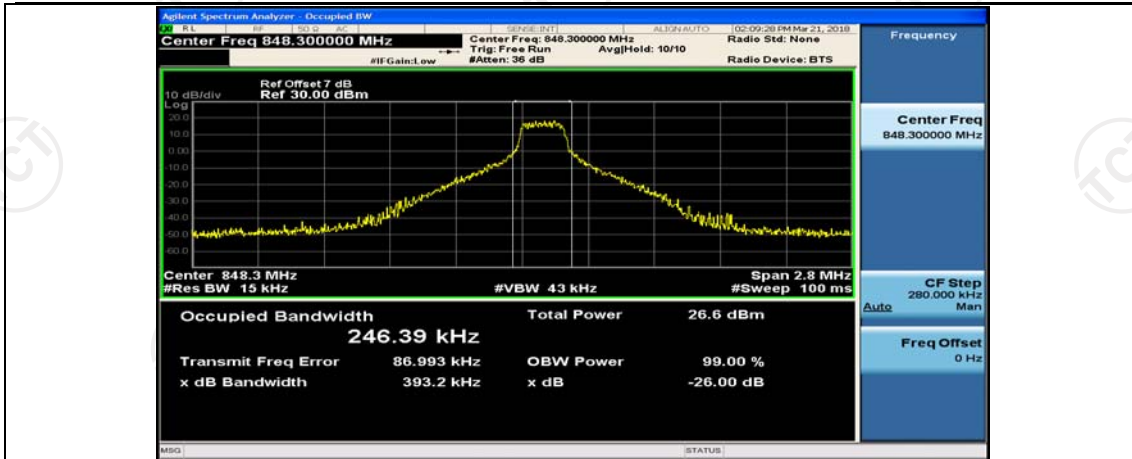
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#3



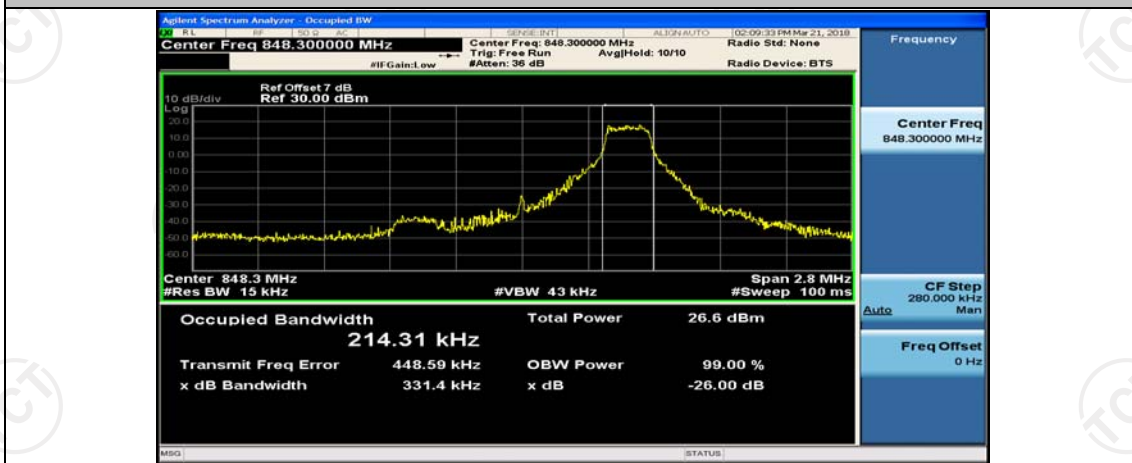
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3



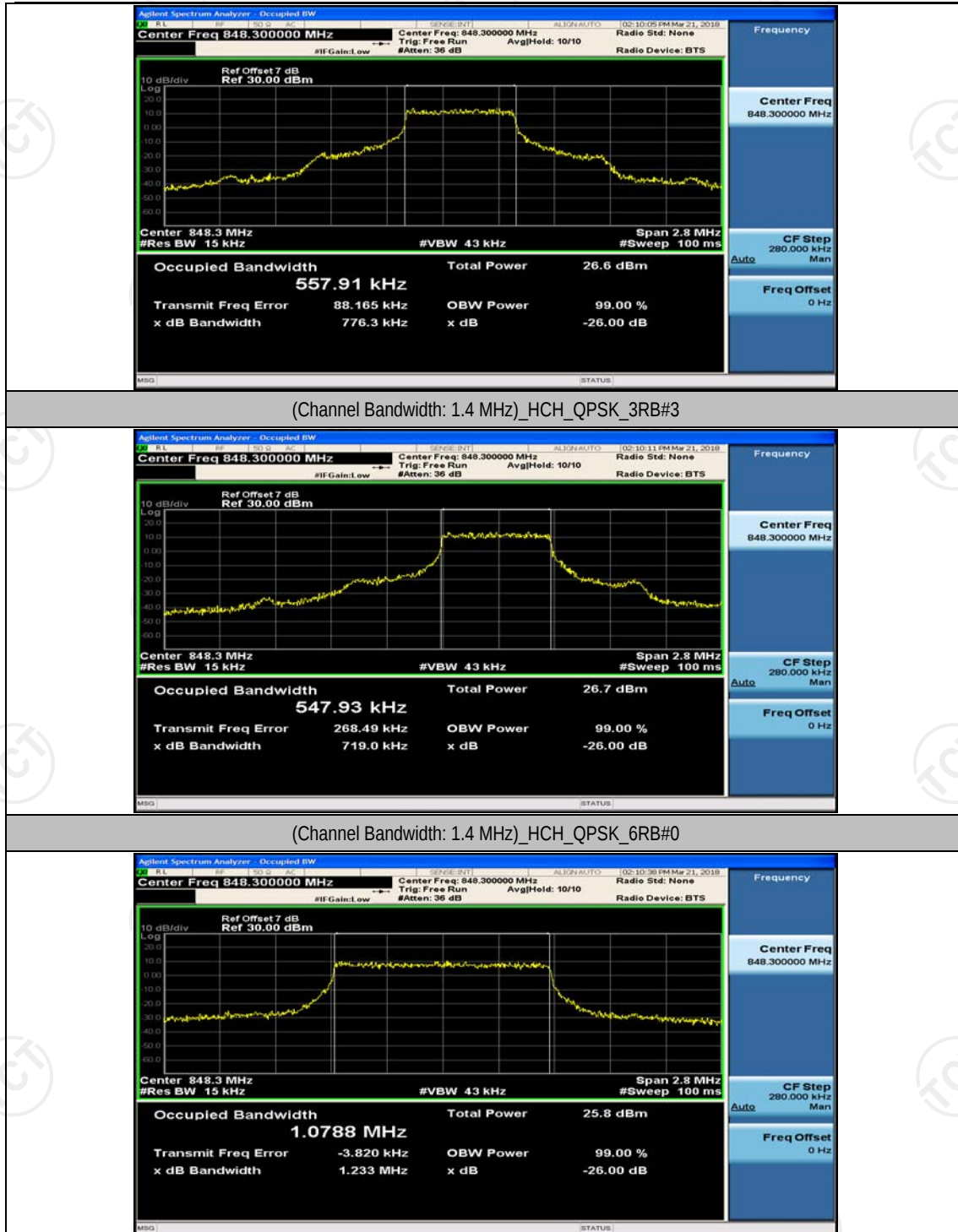
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0



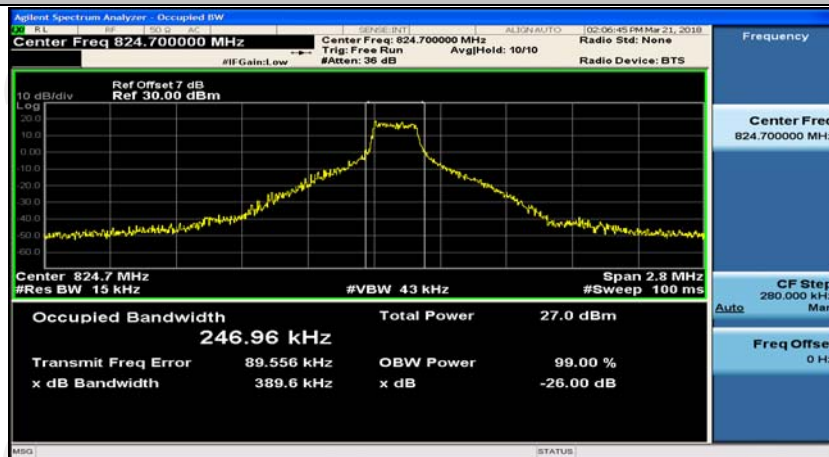
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2



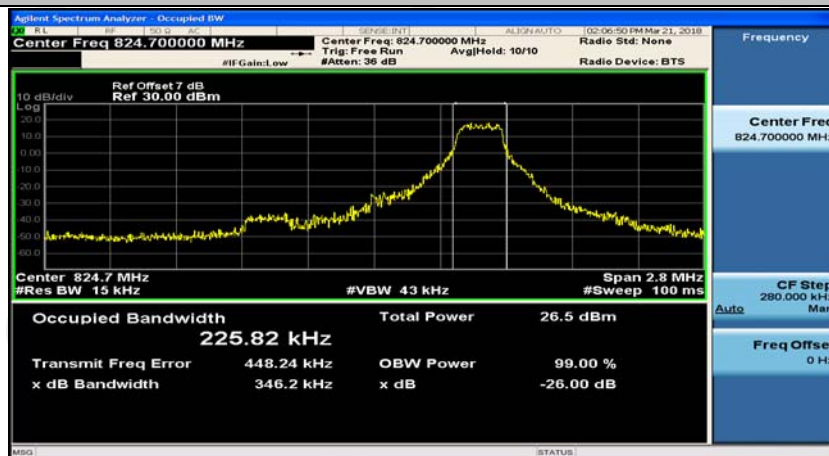
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



(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

