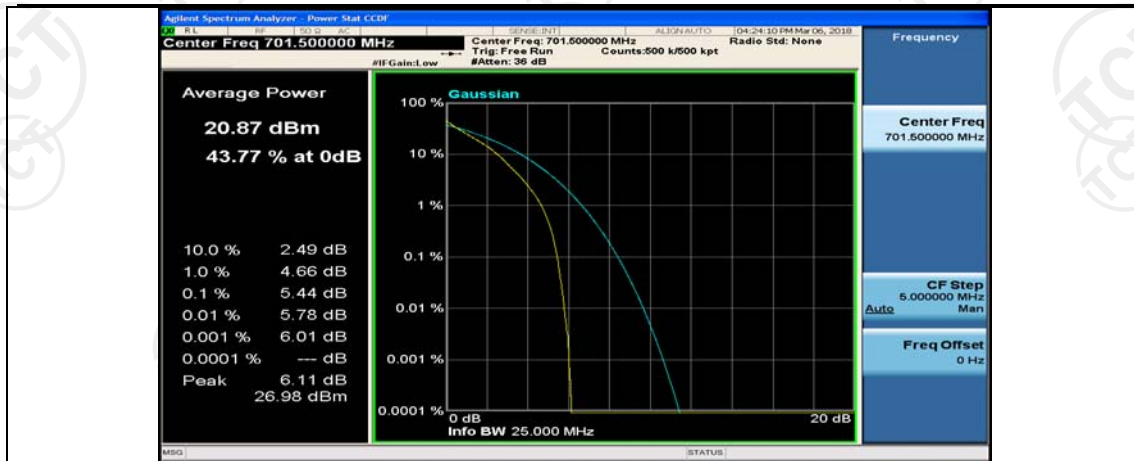
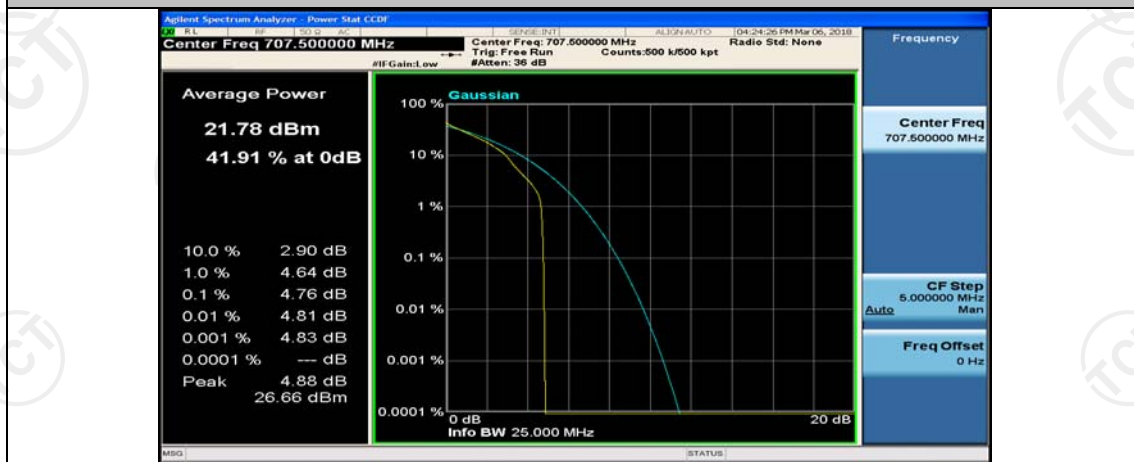




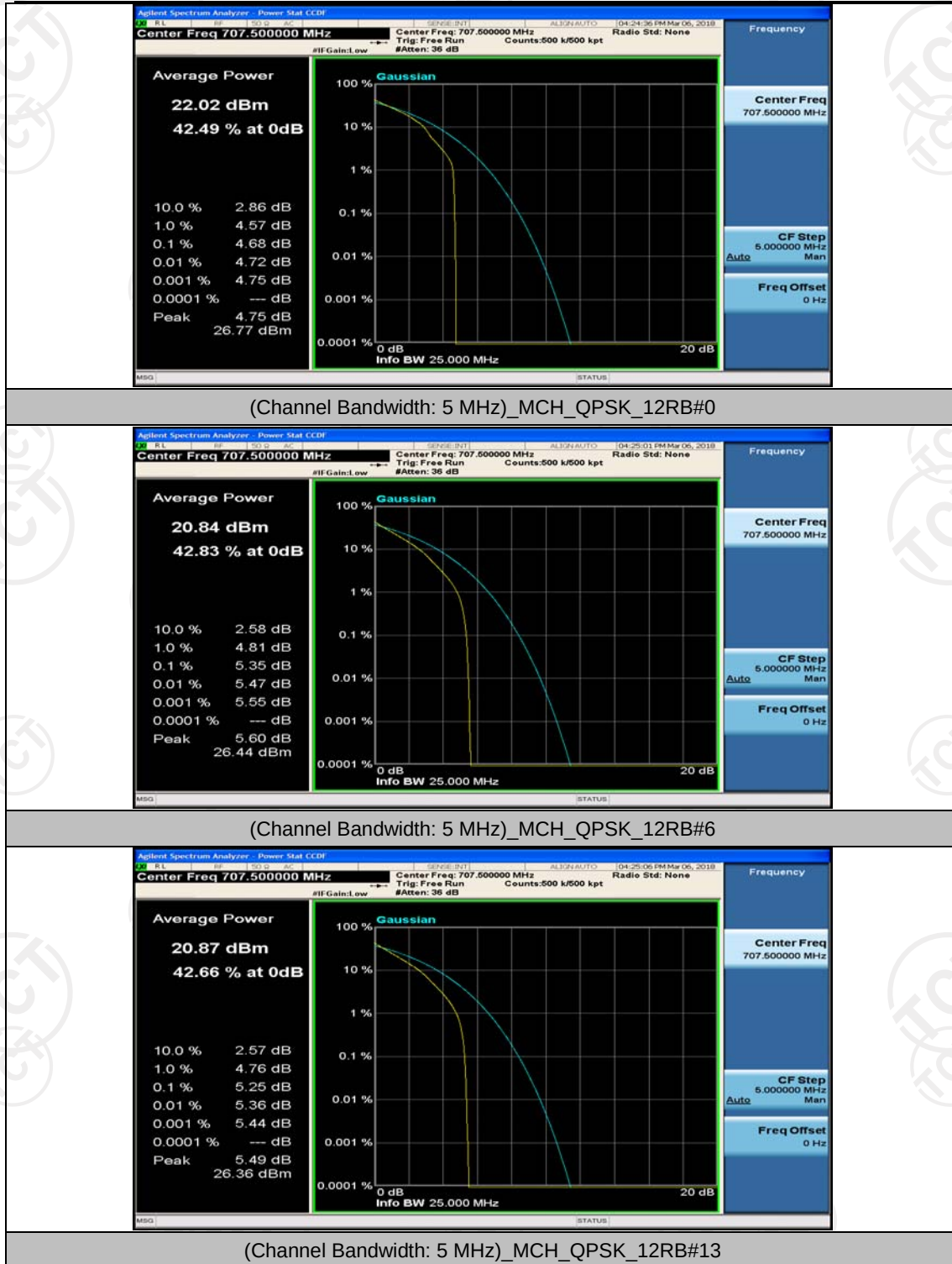
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

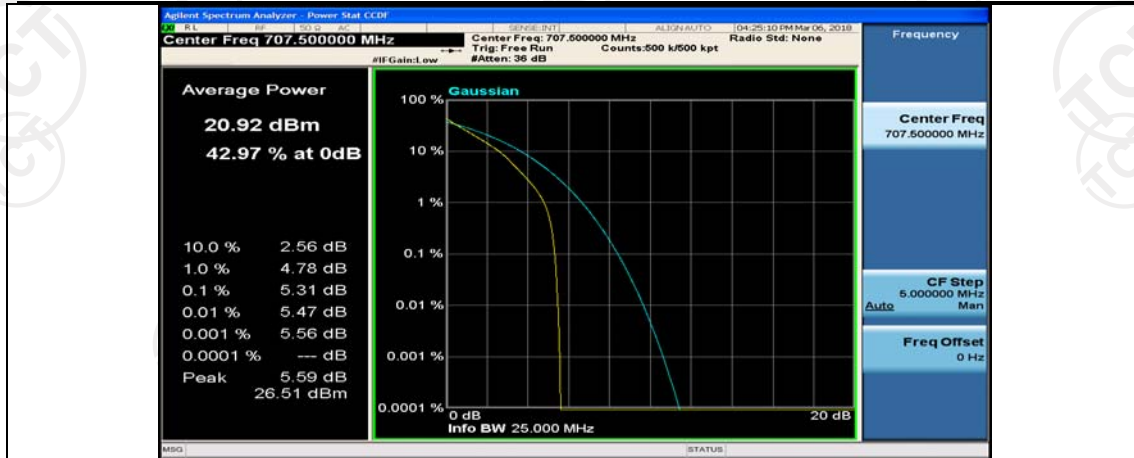


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

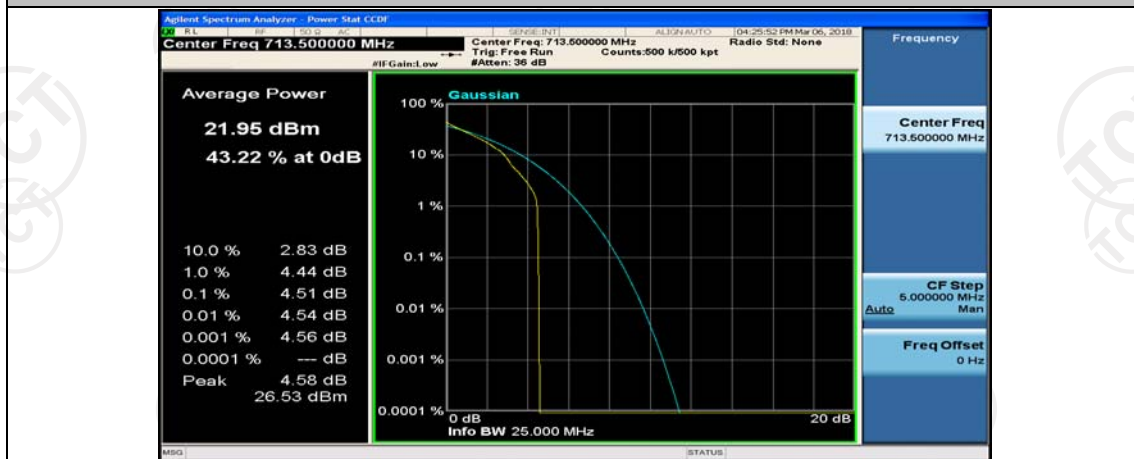




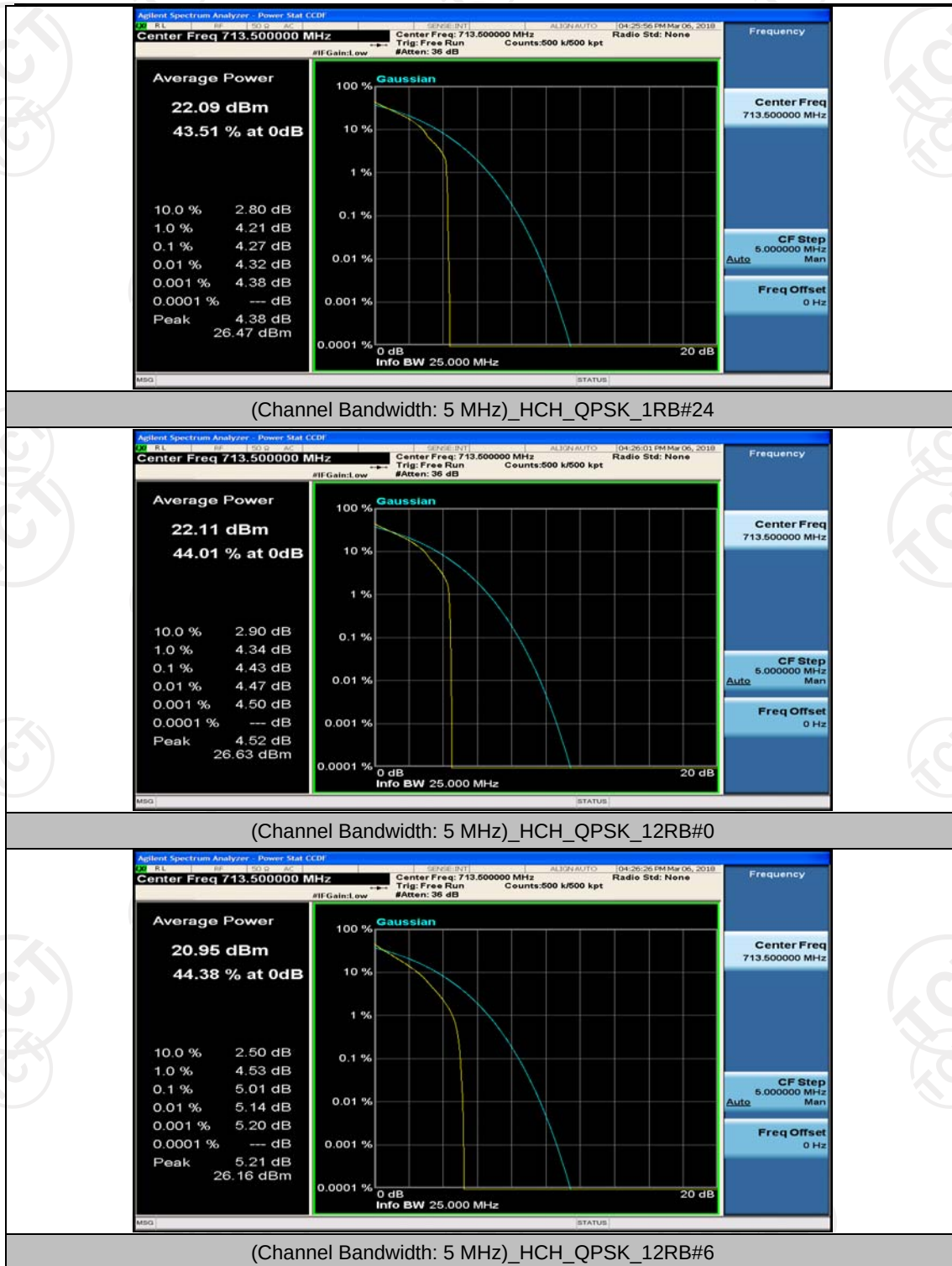
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0

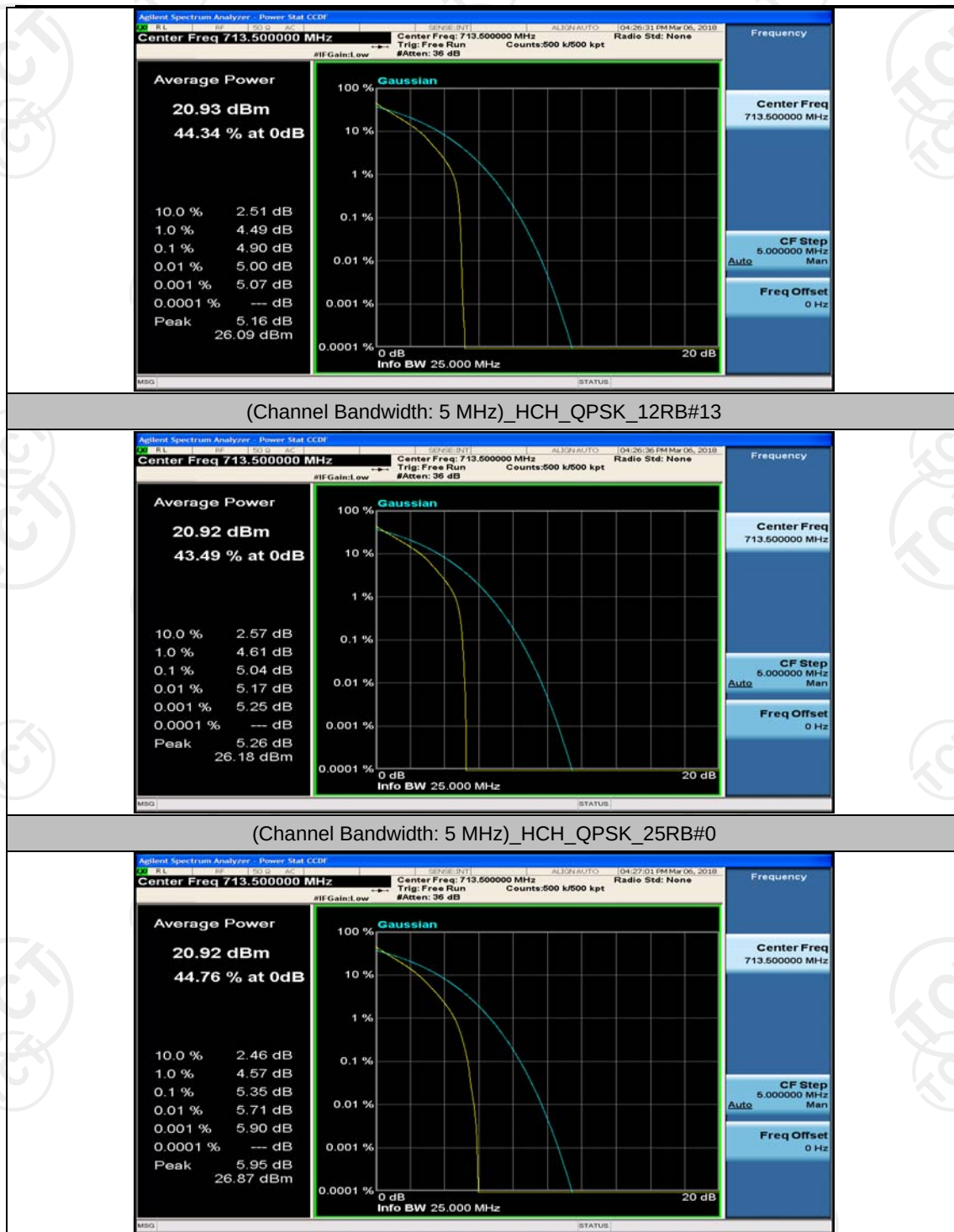


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

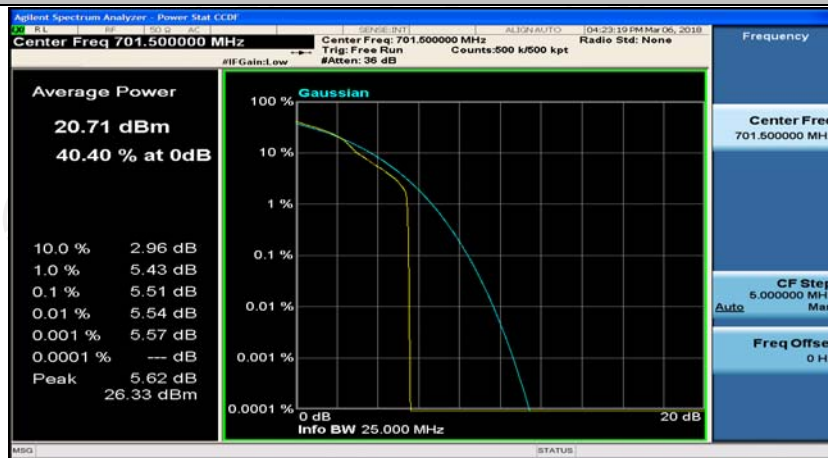


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12

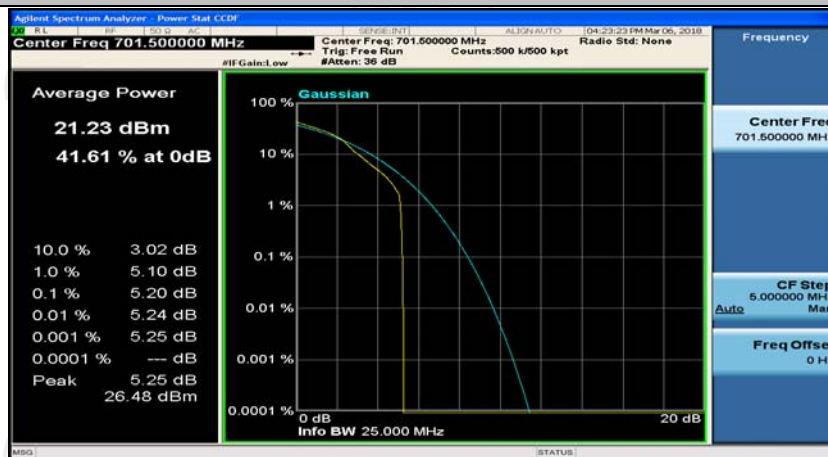




(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



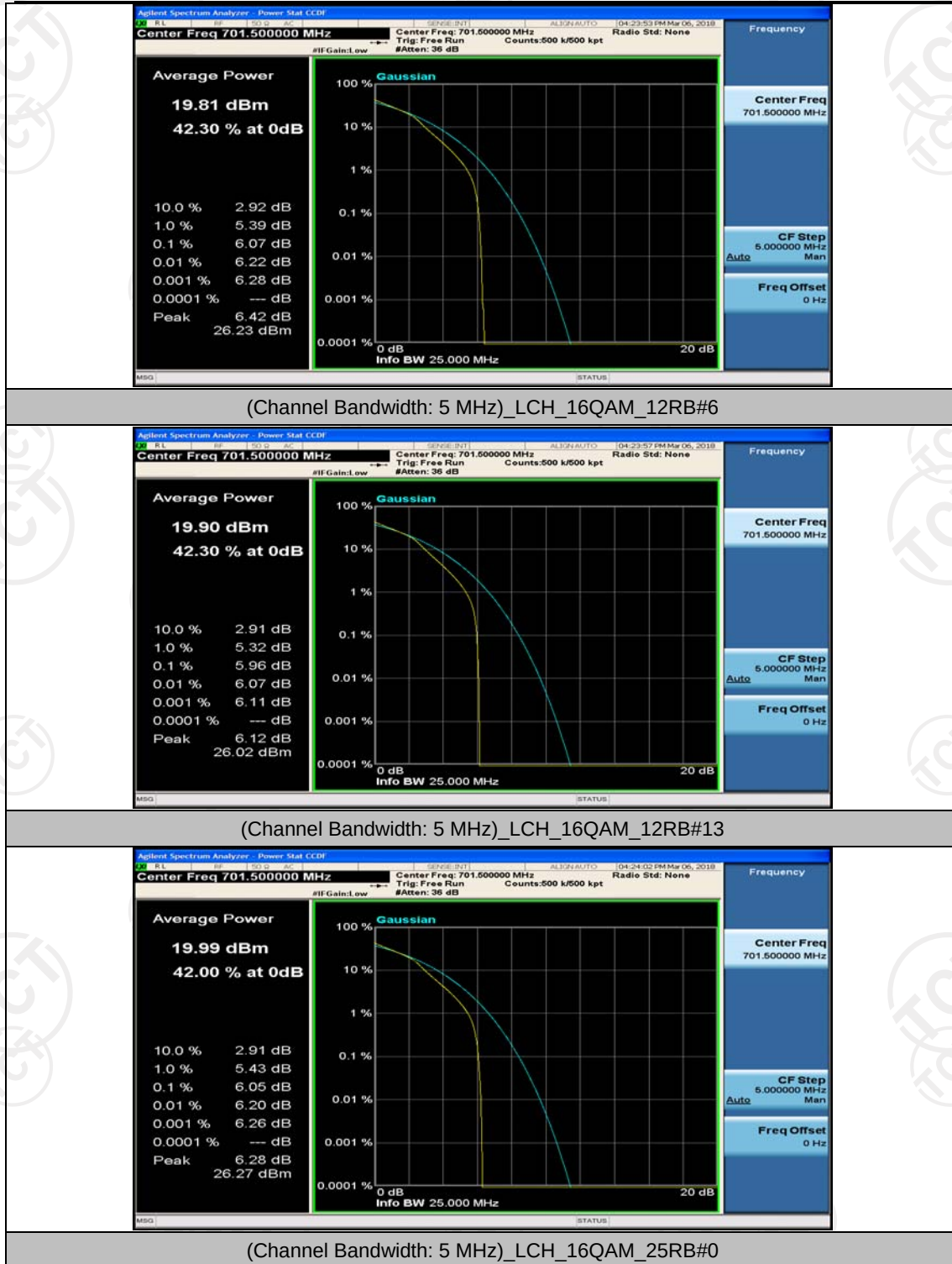
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12

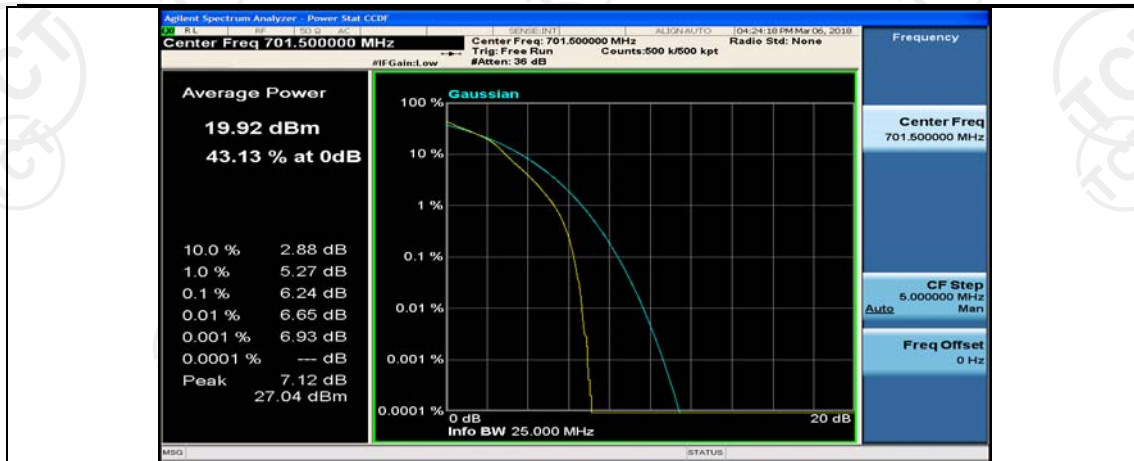


(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24

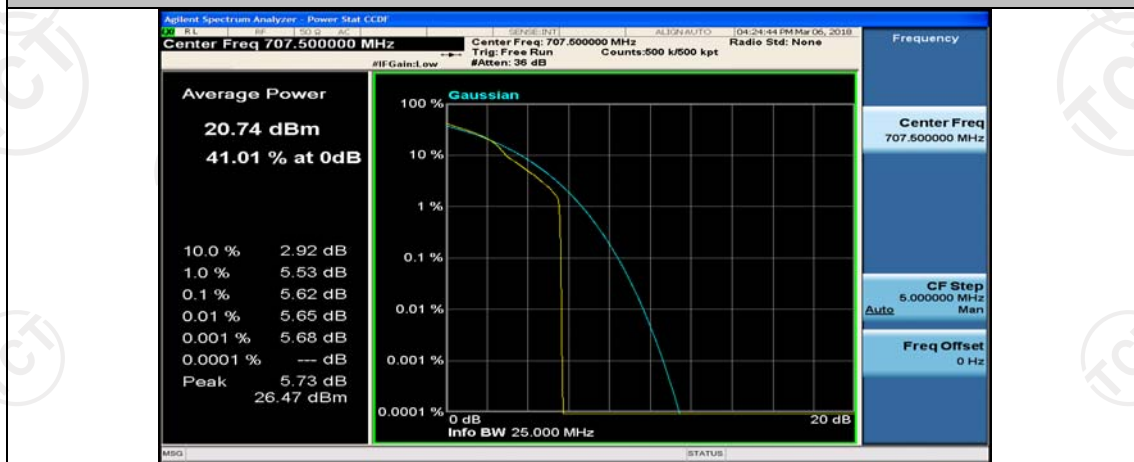


(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0





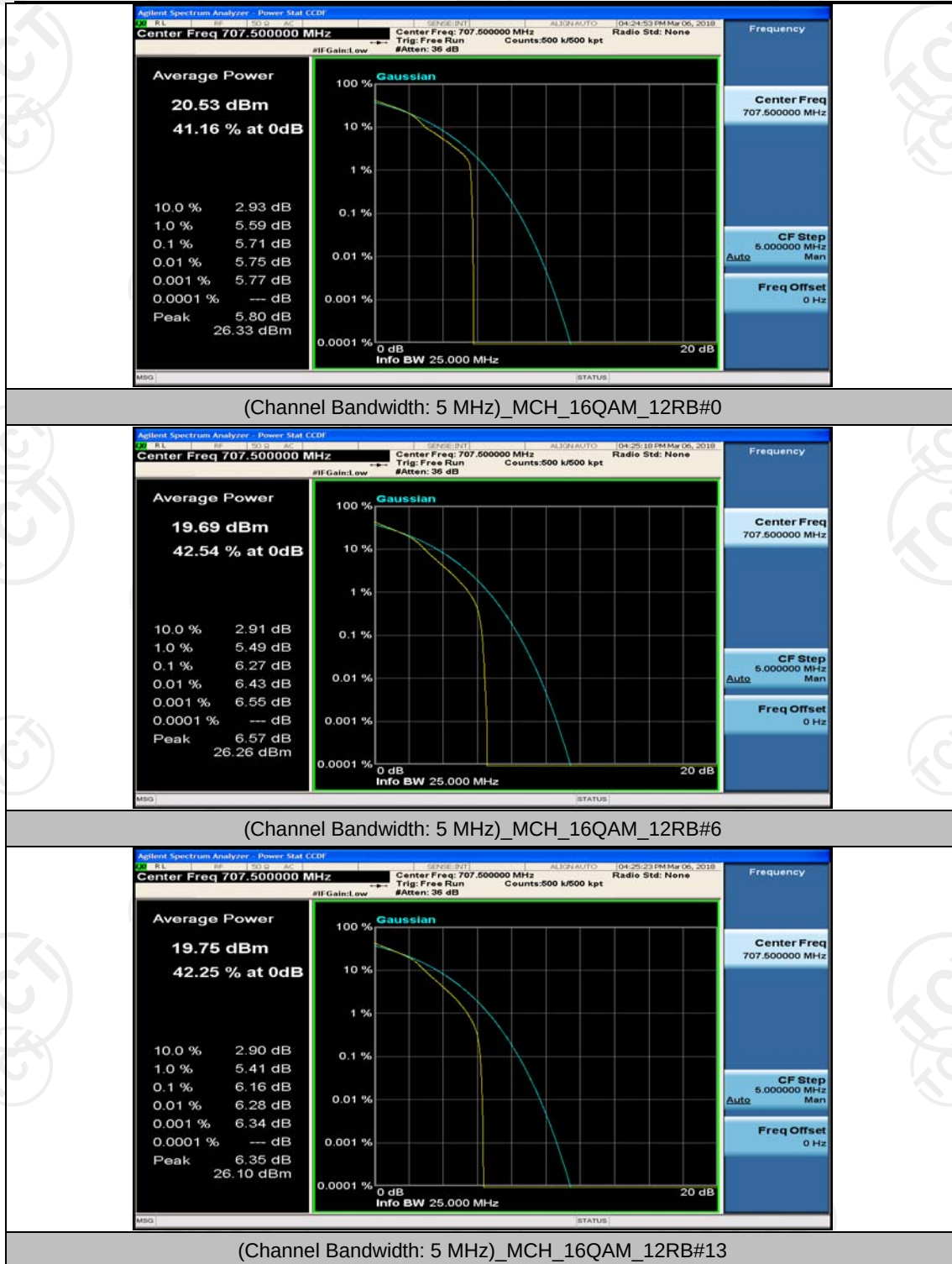
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0

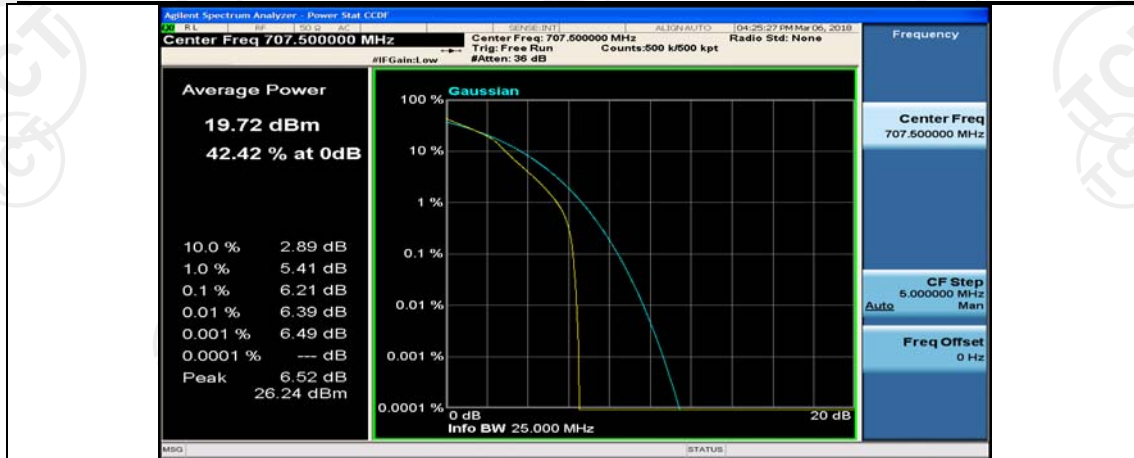


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24

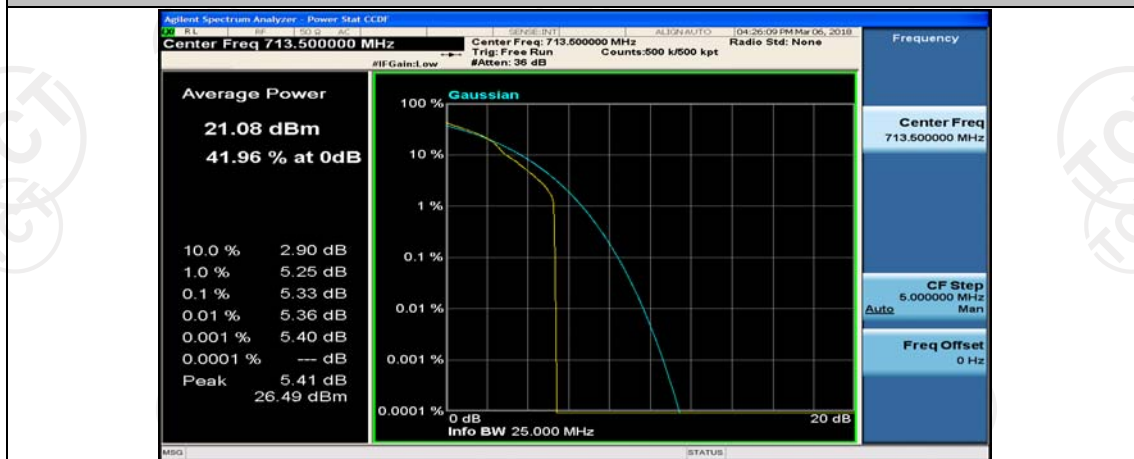




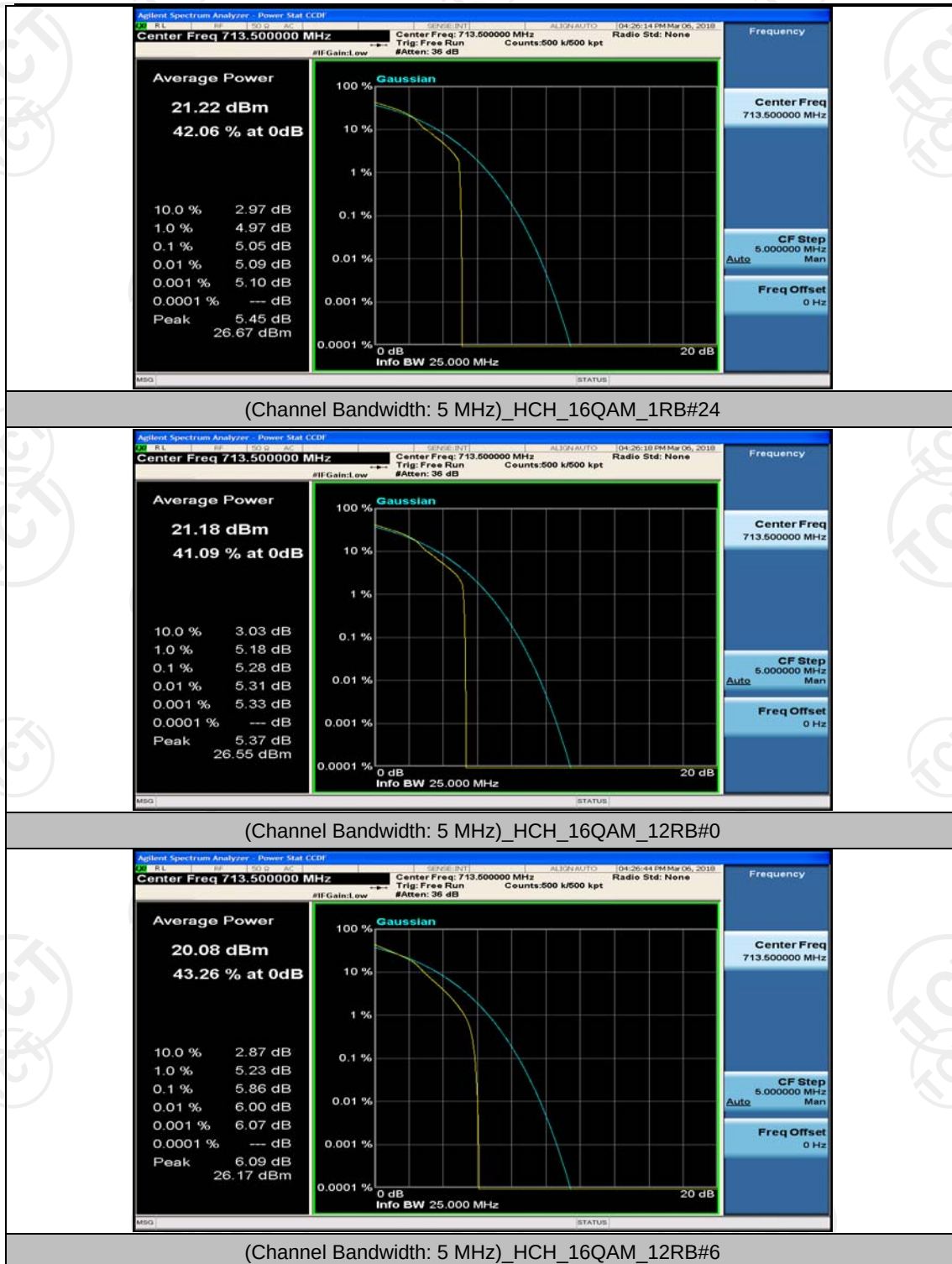
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

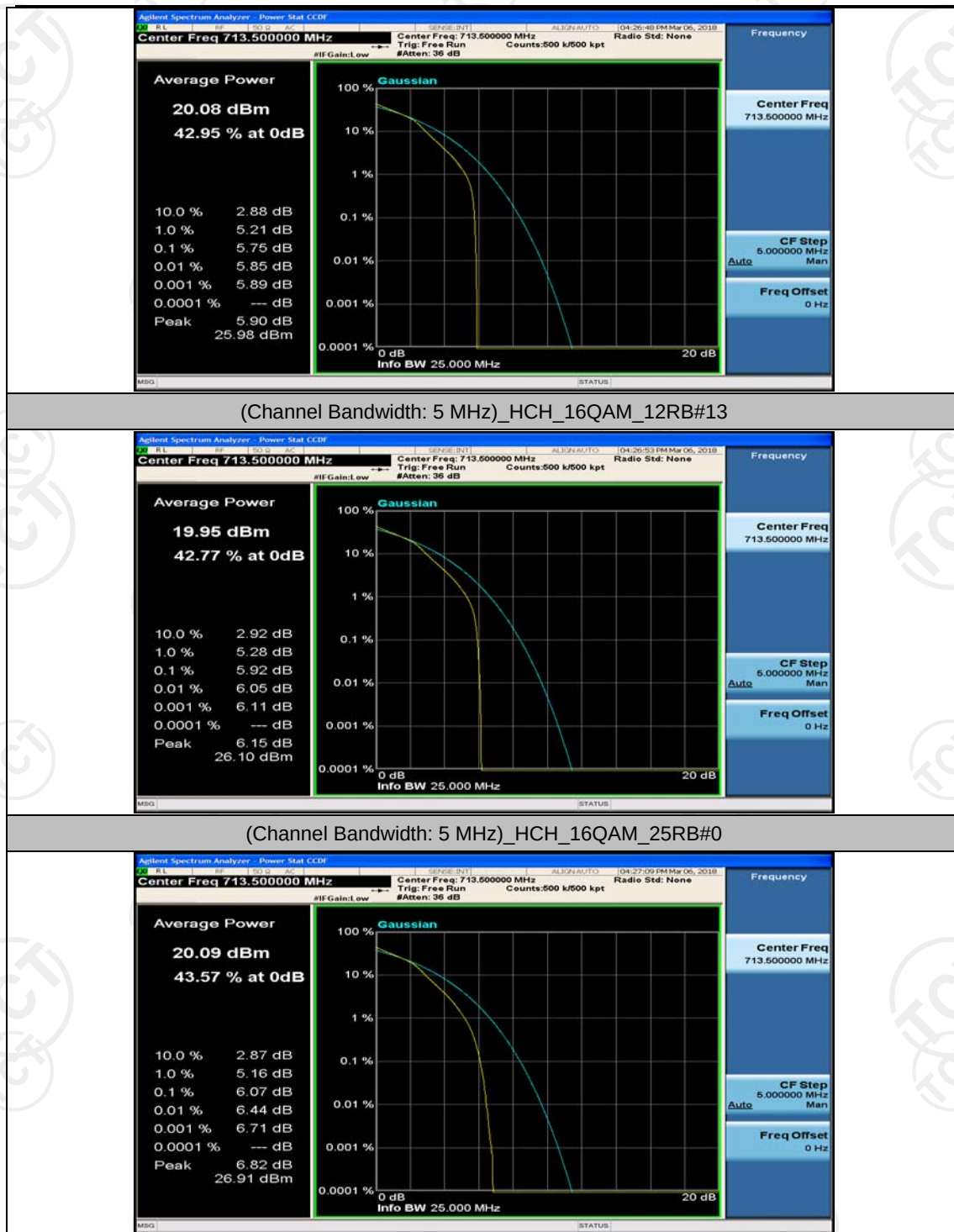


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

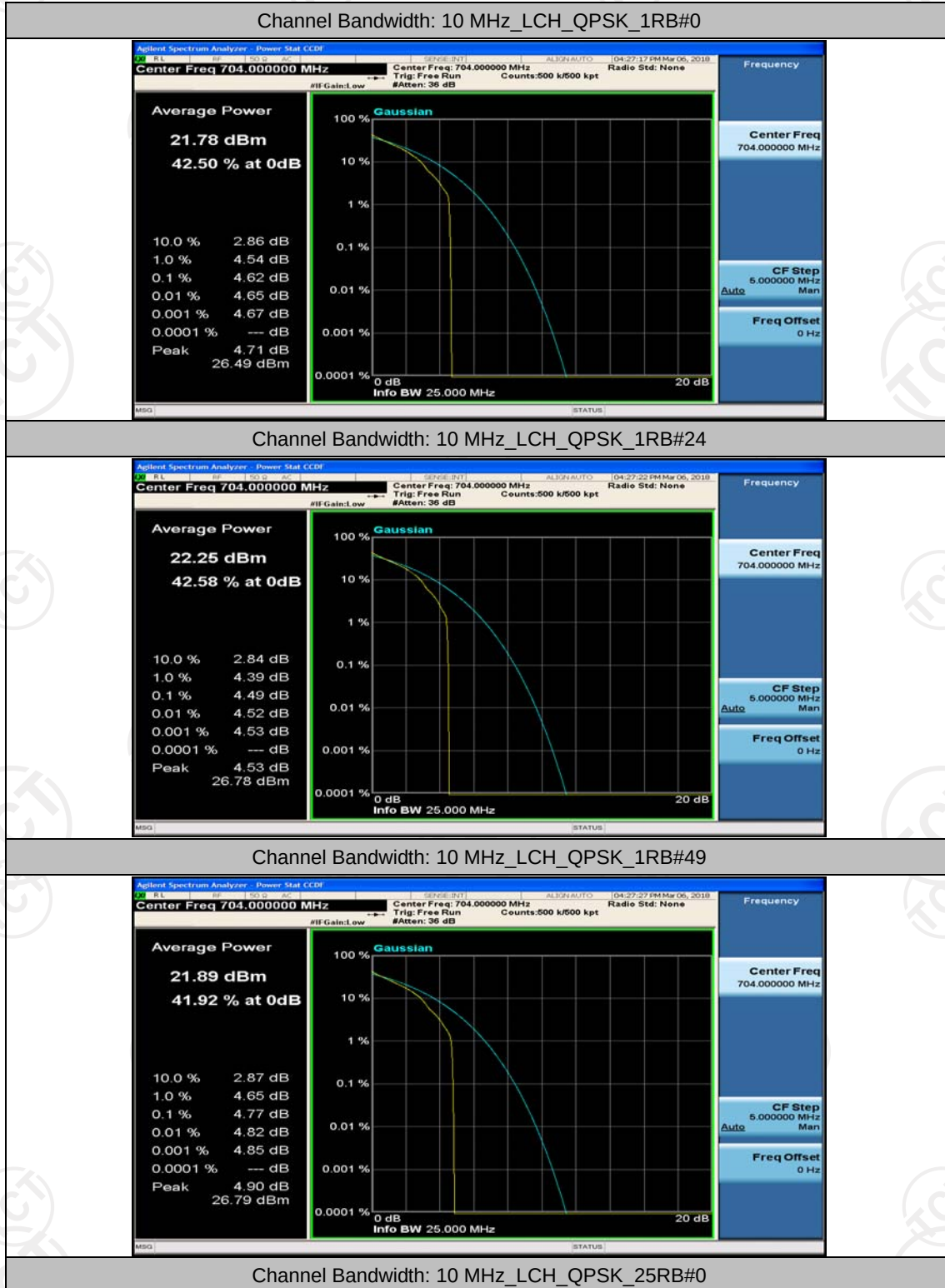


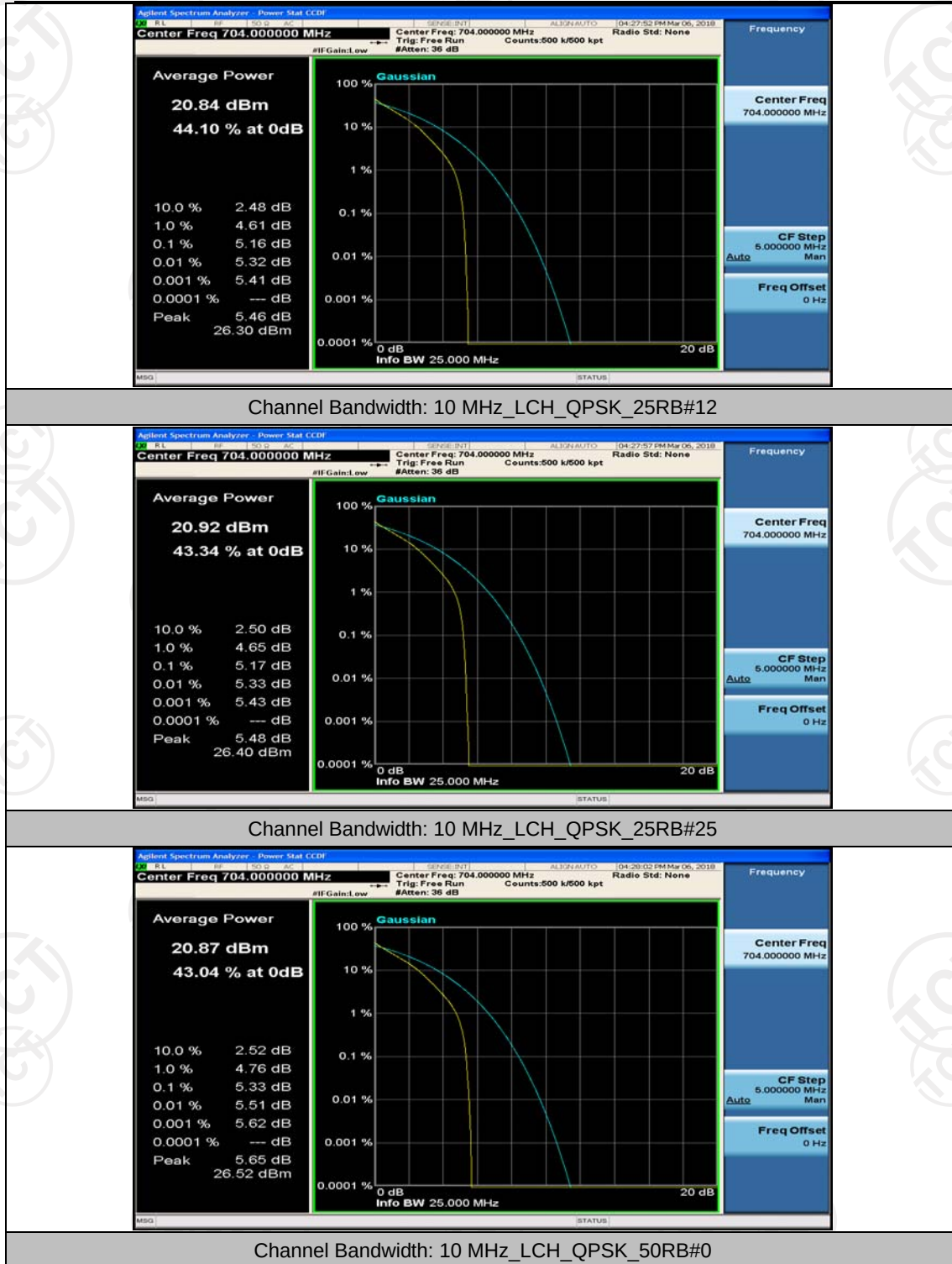
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12

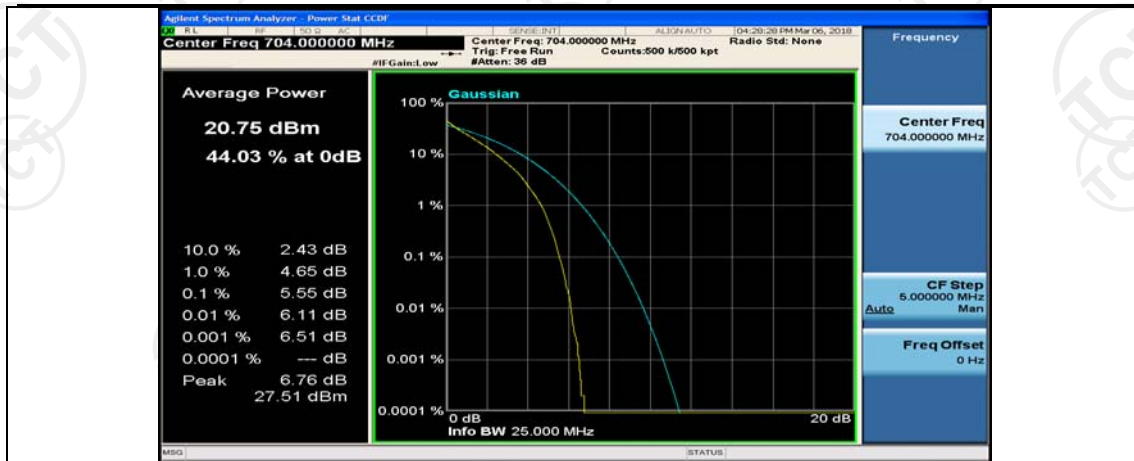




Channel Bandwidth: 10 MHz







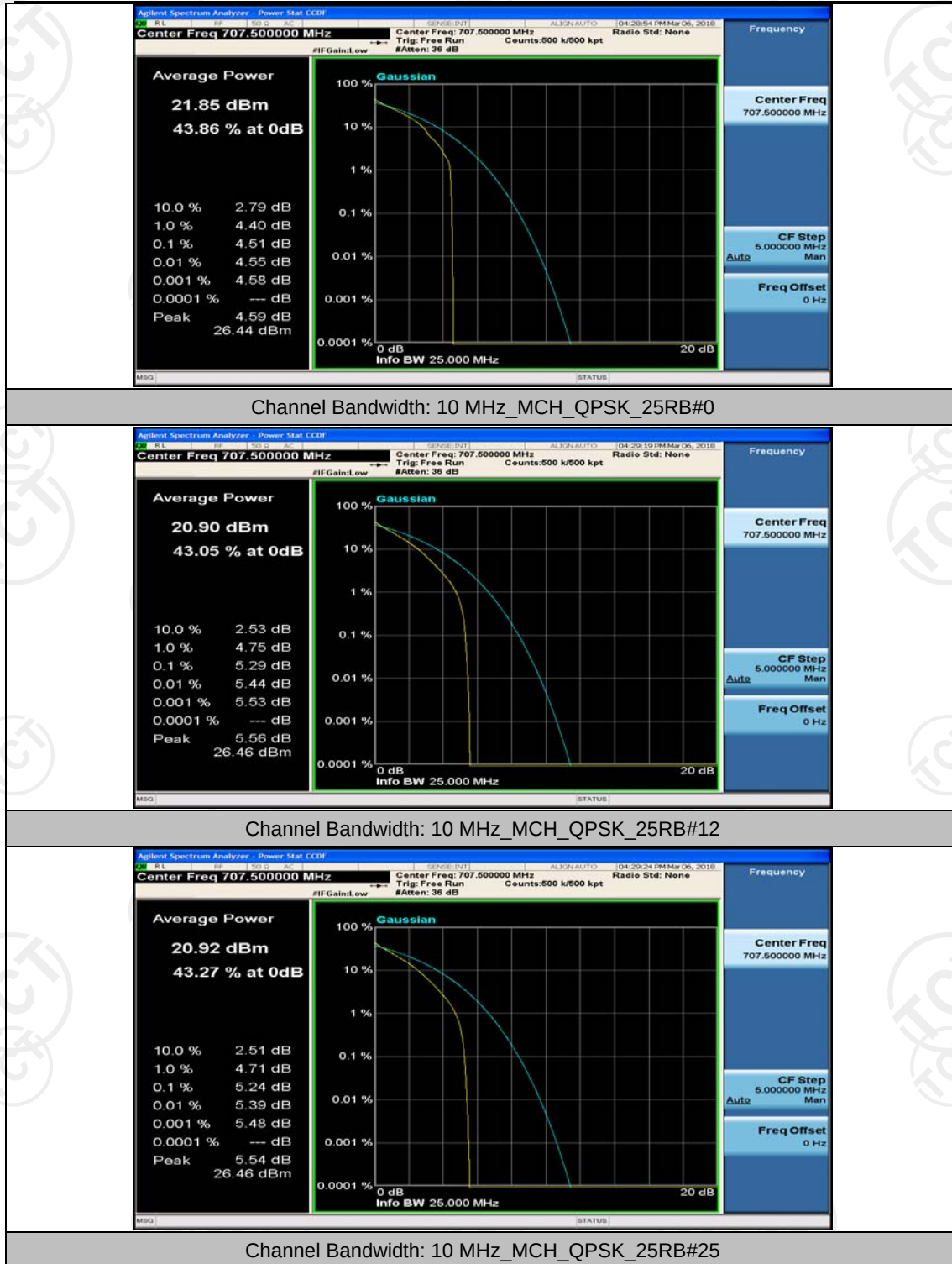
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

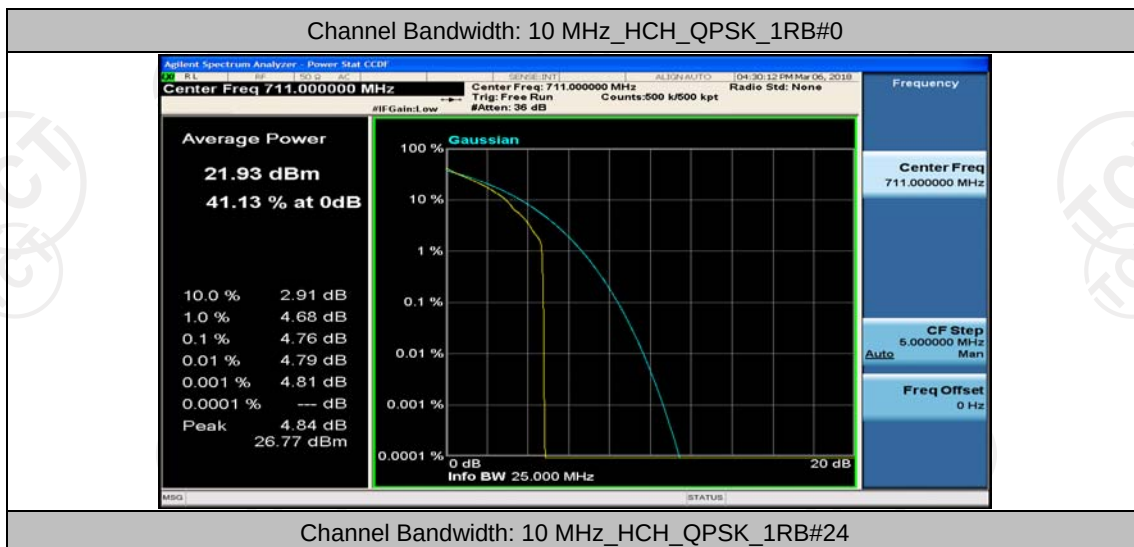
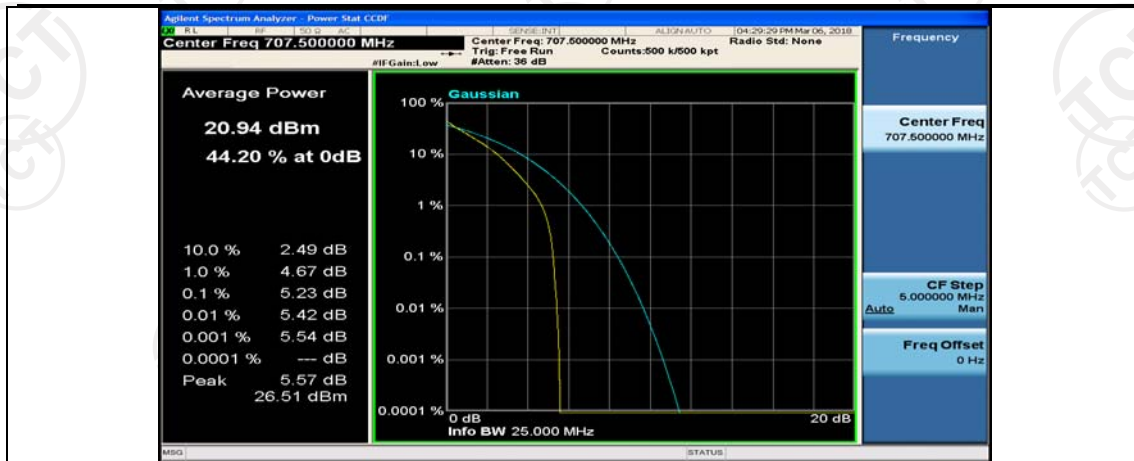


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24

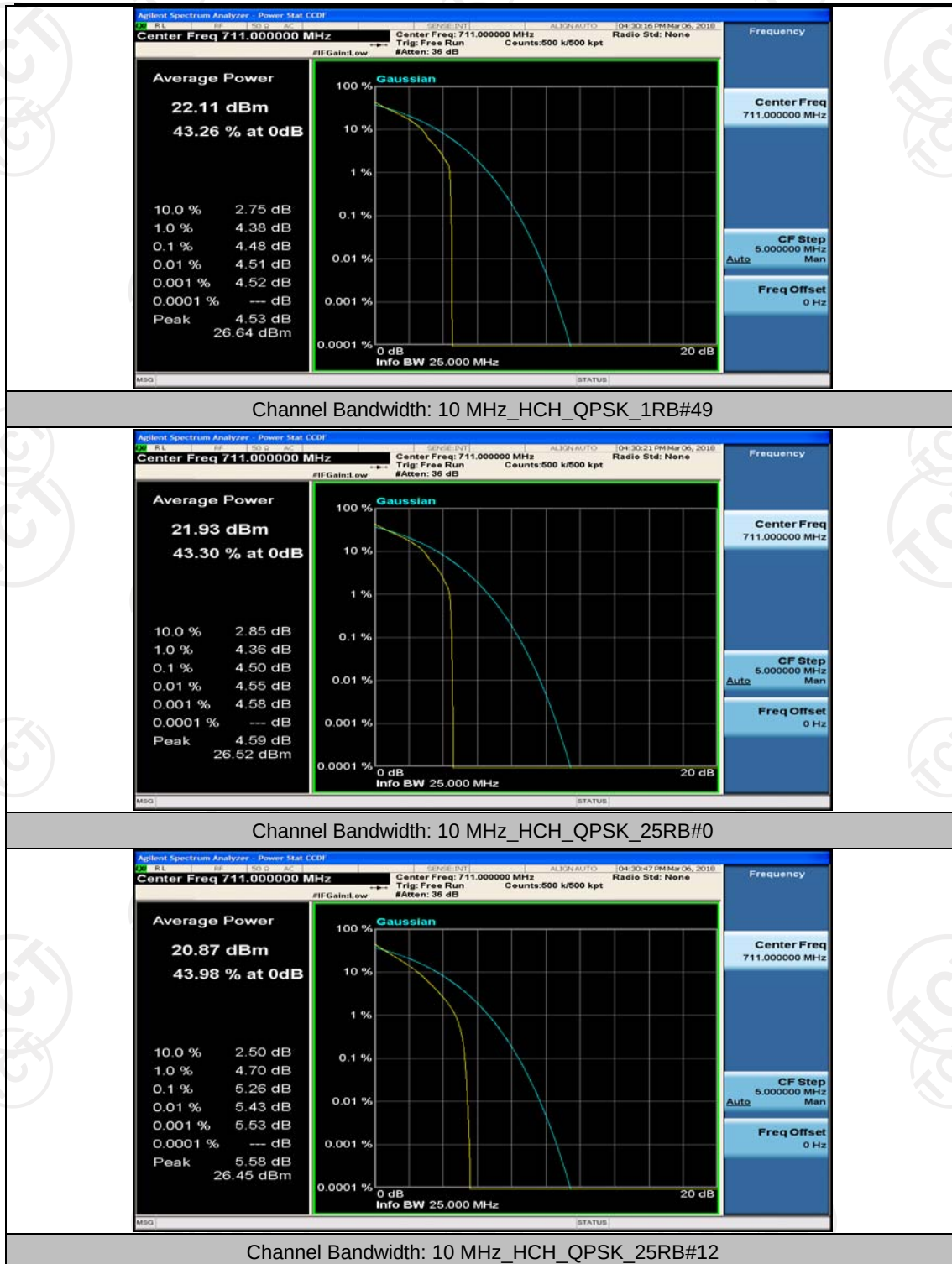


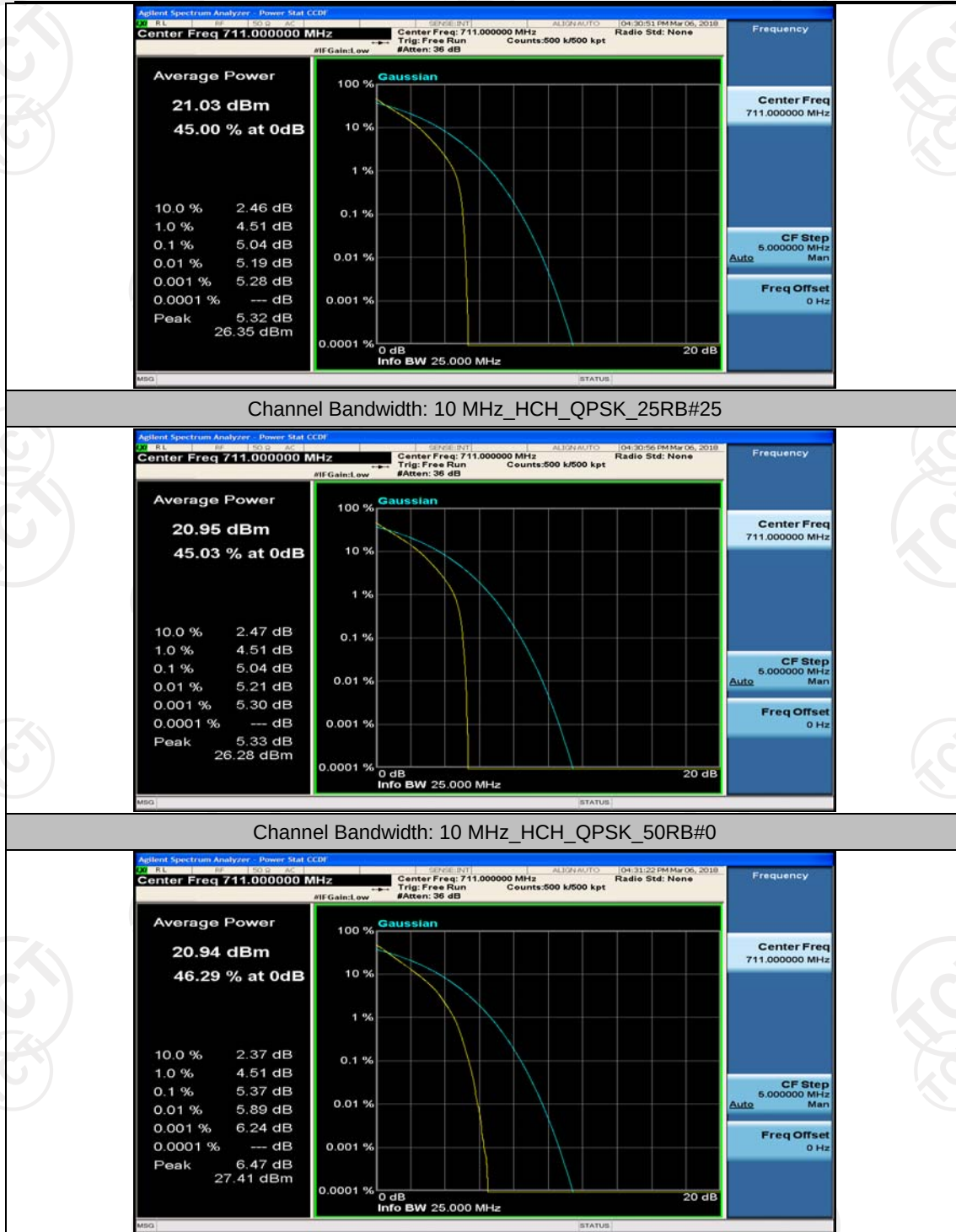
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49



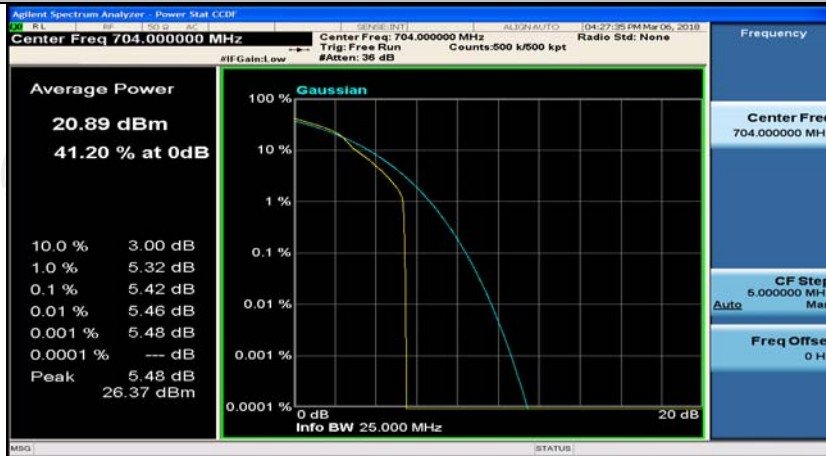


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24





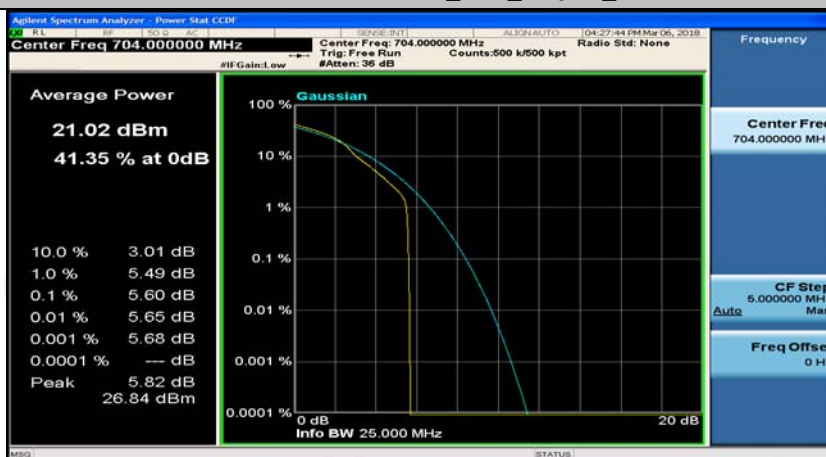
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



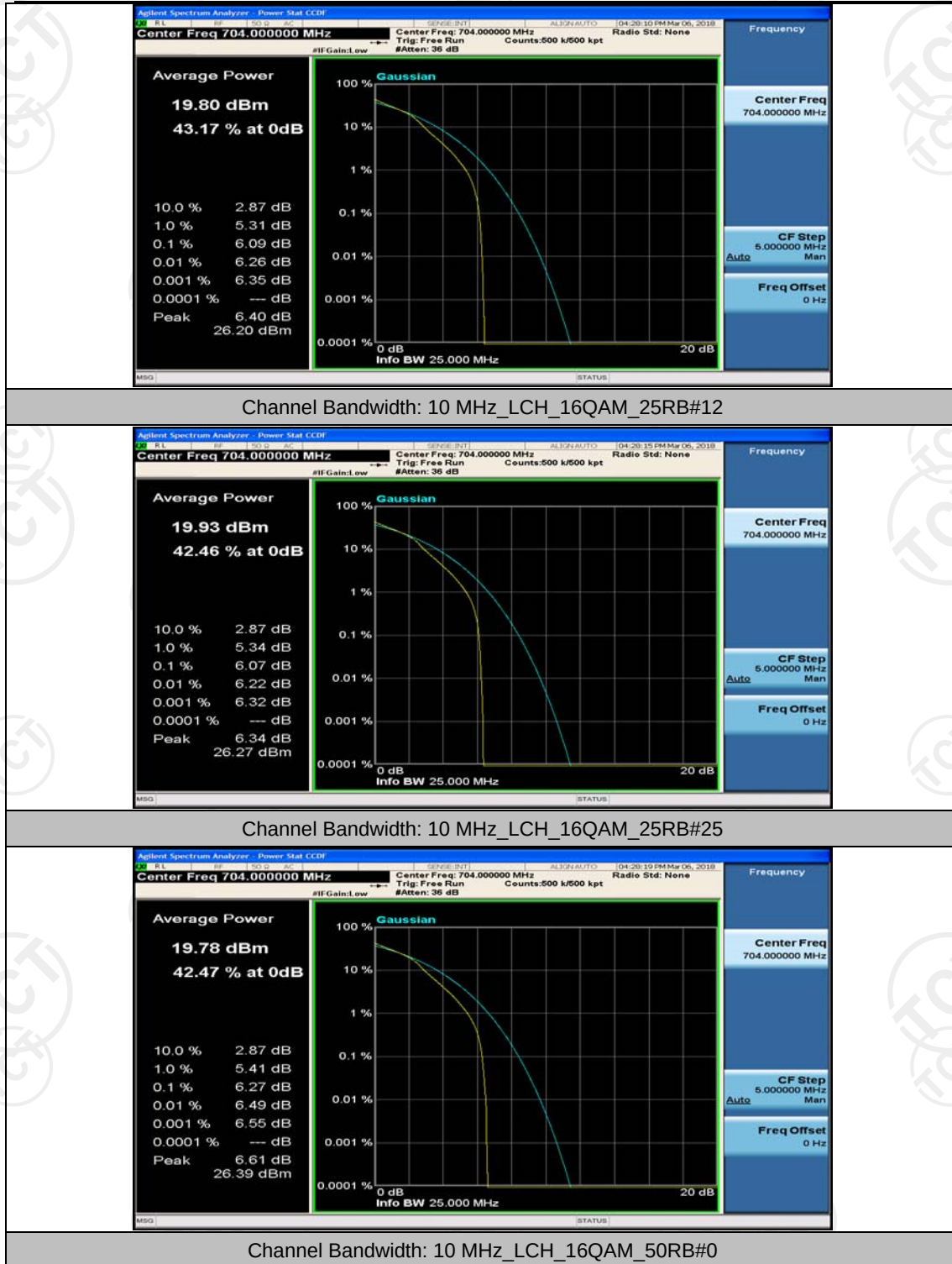
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49



Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0





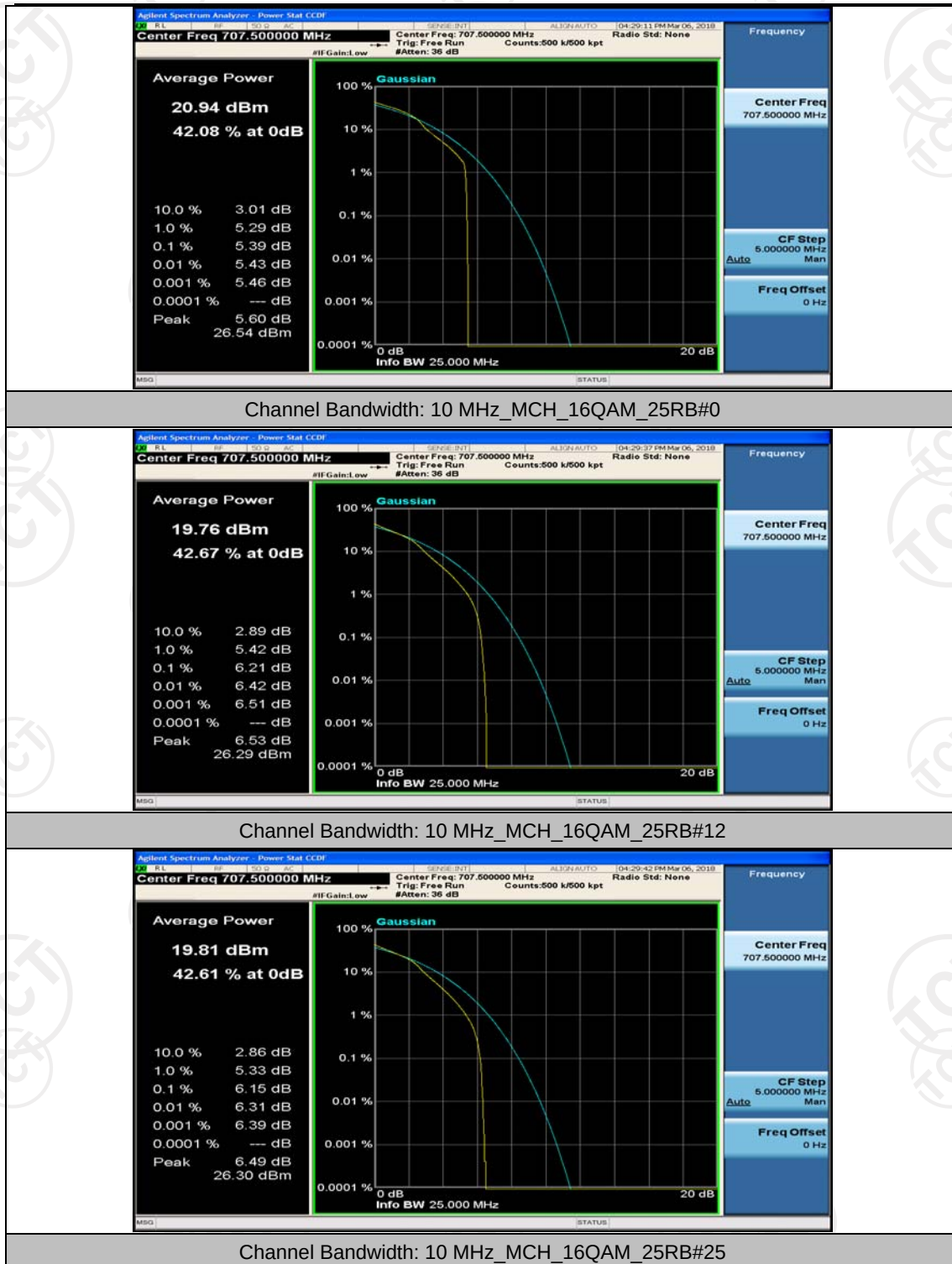
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

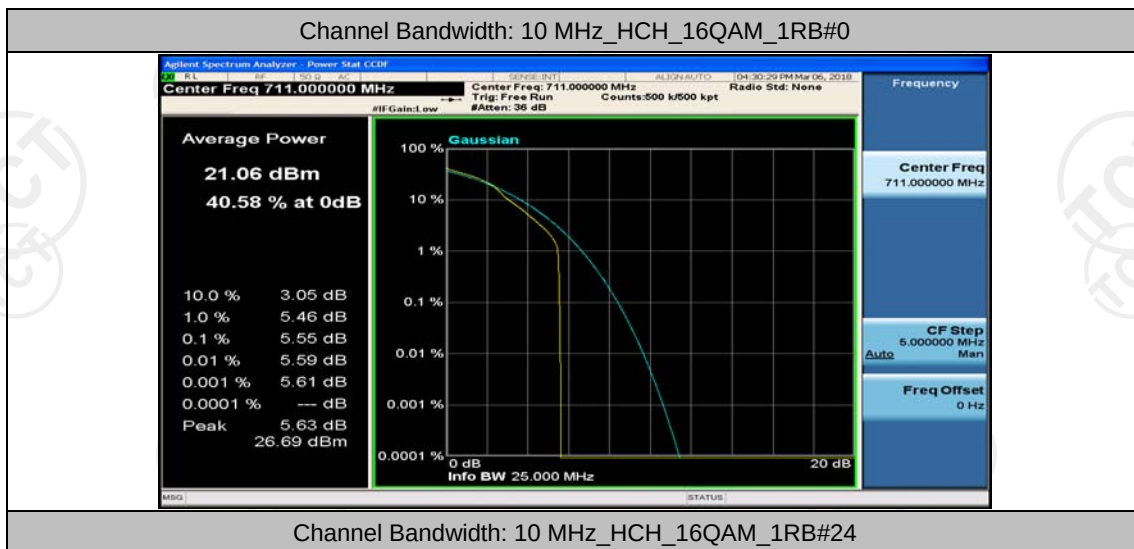
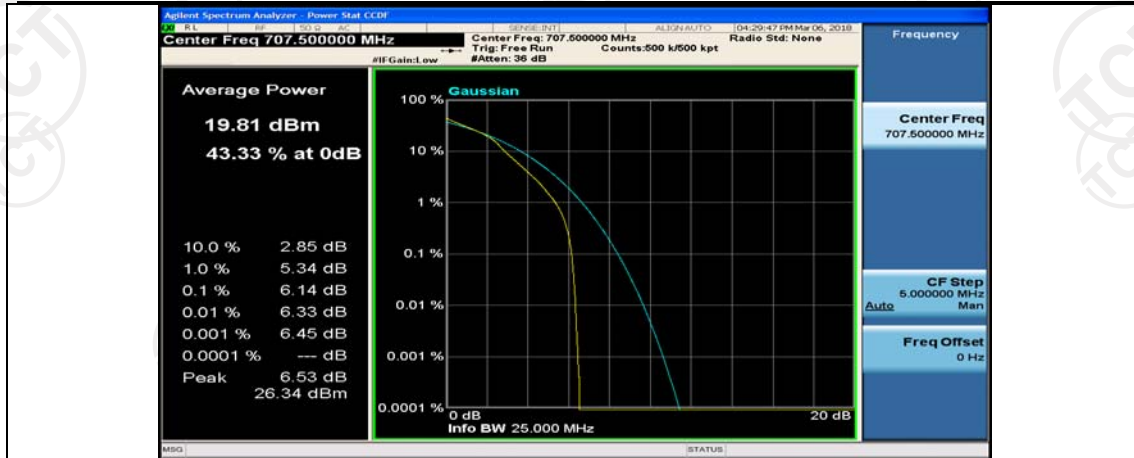


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

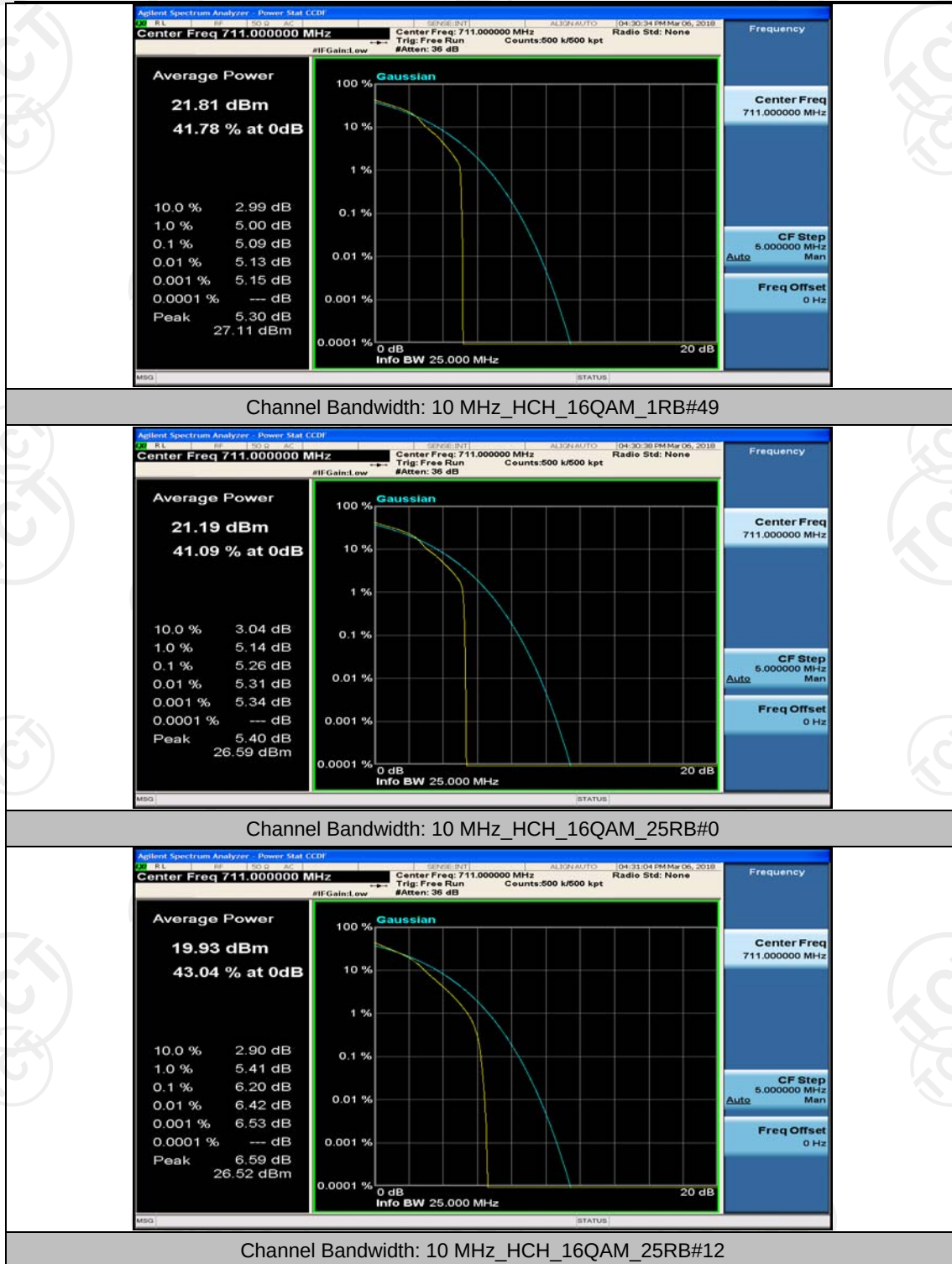


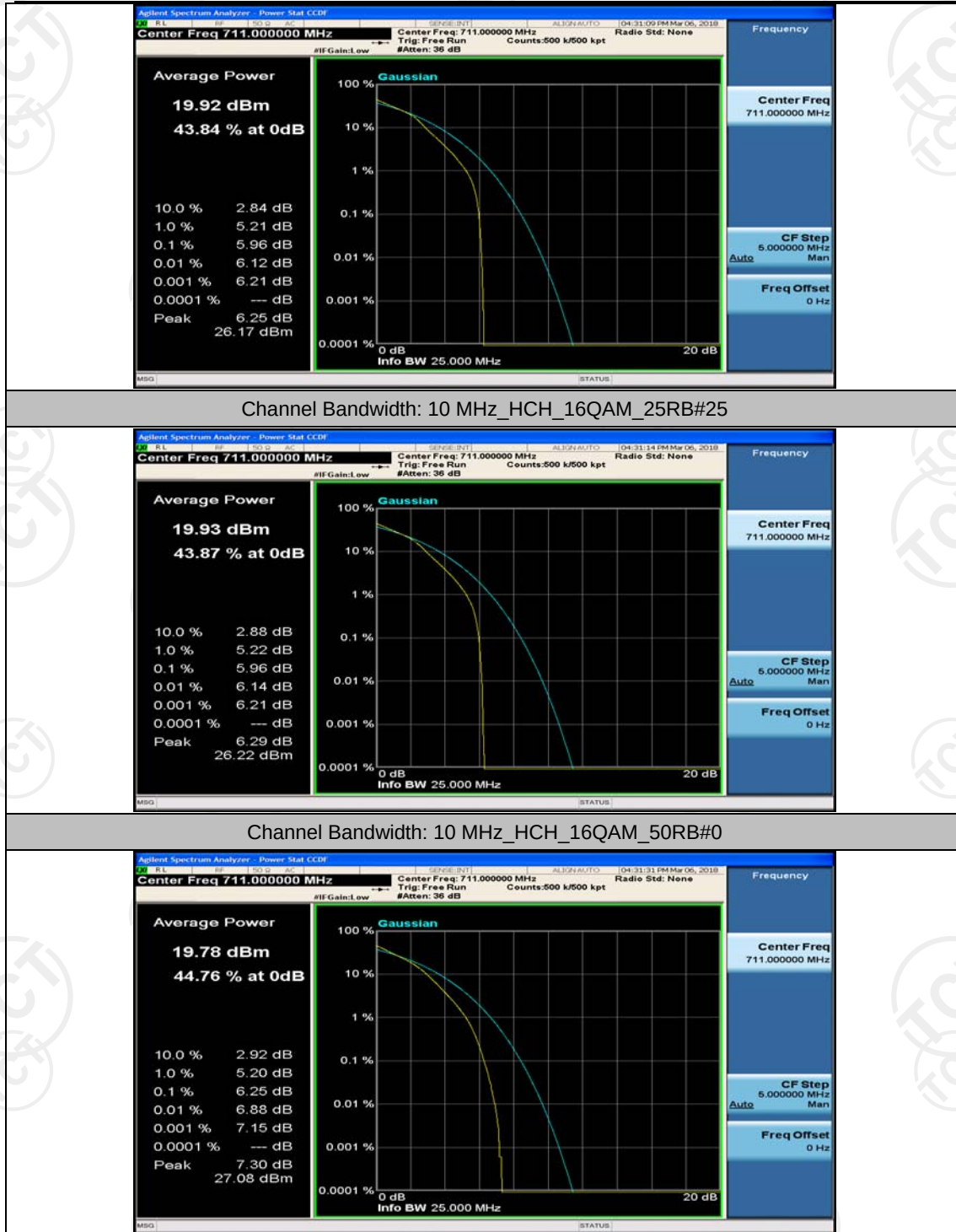
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49





Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24





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	0.211	0.319	PASS
		1	3	0.236	0.366	PASS
		1	5	0.212	0.333	PASS
		3	0	0.550	0.693	PASS
		3	2	0.553	0.748	PASS
		3	3	0.549	0.694	PASS
		6	0	1.079	1.226	PASS
	MCH	1	0	0.216	0.318	PASS
		1	3	0.239	0.397	PASS
		1	5	0.213	0.331	PASS
		3	0	0.551	0.707	PASS
		3	2	0.554	0.766	PASS
		3	3	0.549	0.706	PASS
		6	0	1.079	1.232	PASS
	HCH	1	0	0.213	0.326	PASS
		1	3	0.239	0.389	PASS
		1	5	0.213	0.334	PASS
		3	0	0.550	0.713	PASS
		3	2	0.554	0.760	PASS
		3	3	0.549	0.696	PASS
		6	0	1.079	1.225	PASS
16QAM	LCH	1	0	0.222	0.354	PASS
		1	3	0.253	0.391	PASS
		1	5	0.220	0.324	PASS
		3	0	0.552	0.722	PASS
		3	2	0.560	0.795	PASS
		3	3	0.554	0.698	PASS
		6	0	1.081	1.250	PASS
	MCH	1	0	0.222	0.319	PASS

		1	3	0.246	0.409	PASS
		1	5	0.224	0.319	PASS
		3	0	0.553	0.703	PASS
		3	2	0.562	0.793	PASS
		3	3	0.555	0.703	PASS
		6	0	1.082	1.265	PASS
	HCH	1	0	0.221	0.354	PASS
		1	3	0.251	0.406	PASS
		1	5	0.224	0.324	PASS
		3	0	0.553	0.708	PASS
		3	2	0.562	0.755	PASS
		3	3	0.555	0.725	PASS
		6	0	1.082	1.231	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	0.239	0.346	PASS
		1	7	0.305	0.521	PASS
		1	14	0.236	0.346	PASS
		8	0	1.444	1.629	PASS
		8	4	1.448	1.776	PASS
		8	7	1.449	1.663	PASS
		15	0	2.680	2.905	PASS
	MCH	1	0	0.240	0.357	PASS
		1	7	0.311	0.525	PASS
		1	14	0.237	0.351	PASS
		8	0	1.451	1.639	PASS
		8	4	1.447	1.758	PASS
		8	7	1.446	1.668	PASS
		15	0	2.684	2.905	PASS
	HCH	1	0	0.237	0.343	PASS
		1	7	0.315	0.524	PASS
		1	14	0.236	0.361	PASS
		8	0	1.448	1.649	PASS

16QAM		8	4	1.452	1.811	PASS
		8	7	1.444	1.663	PASS
		15	0	2.686	2.884	PASS
	LCH	1	0	0.238	0.346	PASS
		1	7	0.330	0.511	PASS
		1	14	0.233	0.347	PASS
		8	0	1.446	1.670	PASS
		8	4	1.450	1.810	PASS
		8	7	1.446	1.650	PASS
		15	0	2.684	2.912	PASS
	MCH	1	0	0.243	0.359	PASS
		1	7	0.328	0.541	PASS
		1	14	0.237	0.358	PASS
		8	0	1.443	1.696	PASS
		8	4	1.453	1.816	PASS
		8	7	1.447	1.660	PASS
		15	0	2.686	2.902	PASS
	HCH	1	0	0.235	0.352	PASS
		1	7	0.325	0.541	PASS
		1	14	0.237	0.336	PASS
		8	0	1.442	1.675	PASS
		8	4	1.451	1.851	PASS
		8	7	1.448	1.648	PASS
		15	0	2.681	2.875	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	0.285	0.448	PASS
		1	12	0.395	0.615	PASS
		1	24	0.296	0.463	PASS
		12	0	2.173	2.517	PASS
		12	6	2.178	2.687	PASS
		12	13	2.178	2.488	PASS
		25	0	4.475	4.813	PASS
	MCH	1	0	0.286	0.440	PASS

16QAM		1	12	0.390	0.615	PASS
		1	24	0.291	0.459	PASS
		12	0	2.174	2.552	PASS
		12	6	2.182	2.706	PASS
		12	13	2.176	2.512	PASS
		25	0	4.474	4.828	PASS
		25	0	4.474	4.828	PASS
	HCH	1	0	0.286	0.438	PASS
		1	12	0.372	0.639	PASS
		1	24	0.299	0.477	PASS
		12	0	2.170	2.545	PASS
		12	6	2.183	2.648	PASS
		12	13	2.180	2.490	PASS
		25	0	4.479	4.790	PASS
	LCH	1	0	0.292	0.460	PASS
		1	12	0.435	0.702	PASS
		1	24	0.305	0.502	PASS
		12	0	2.179	2.515	PASS
		12	6	2.179	2.682	PASS
		12	13	2.179	2.500	PASS
		25	0	4.477	4.796	PASS
	MCH	1	0	0.289	0.446	PASS
		1	12	0.428	0.642	PASS
		1	24	0.296	0.447	PASS
		12	0	2.178	2.529	PASS
		12	6	2.178	2.640	PASS
		12	13	2.179	2.462	PASS
		25	0	4.480	4.828	PASS
	HCH	1	0	0.288	0.431	PASS
		1	12	0.428	0.646	PASS
		1	24	0.298	0.462	PASS
		12	0	2.177	2.480	PASS
		12	6	2.180	2.697	PASS
		12	13	2.179	2.544	PASS
		25	0	4.478	4.787	PASS

Channel Bandwidth: 10 MHz

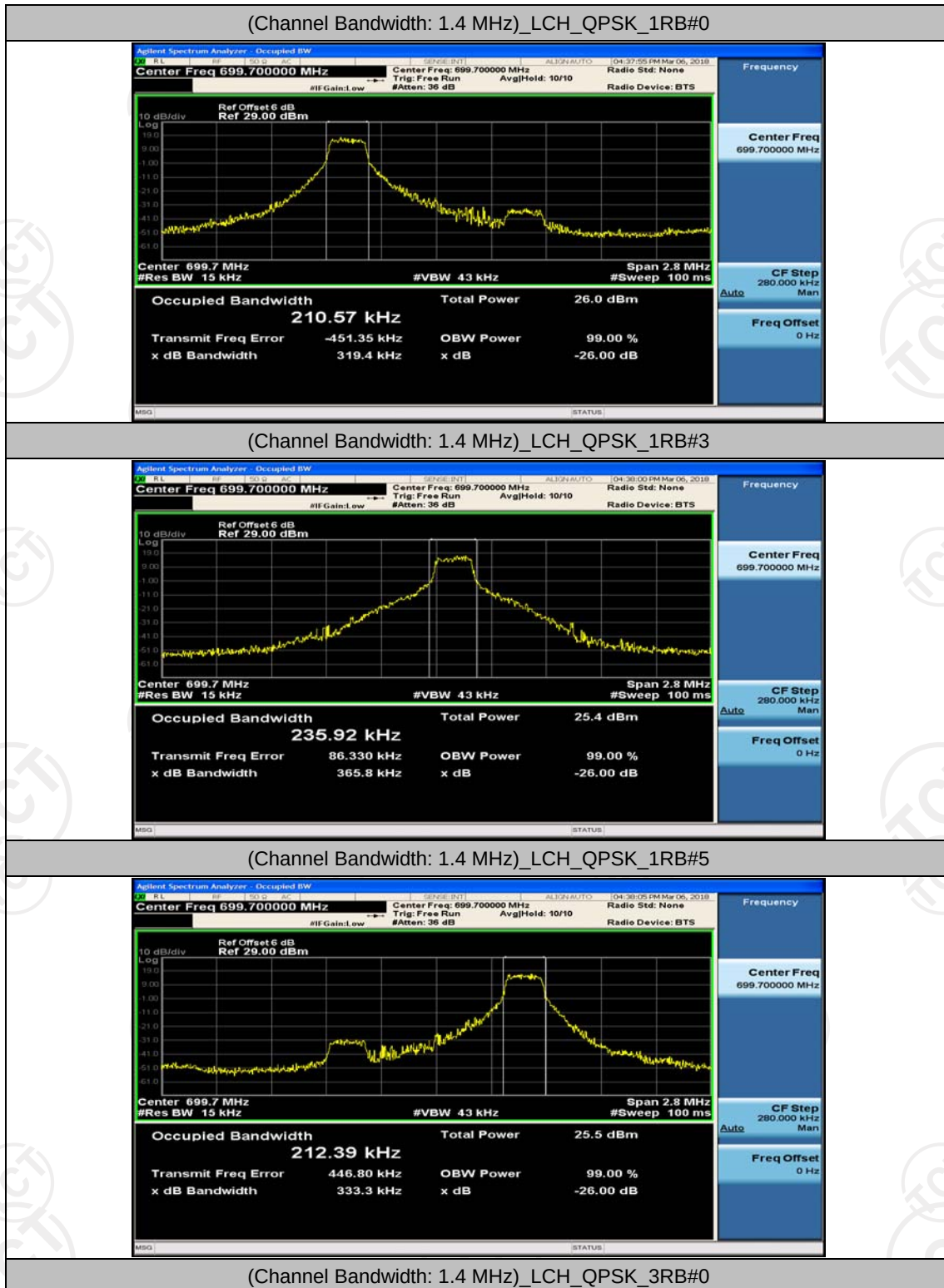
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			

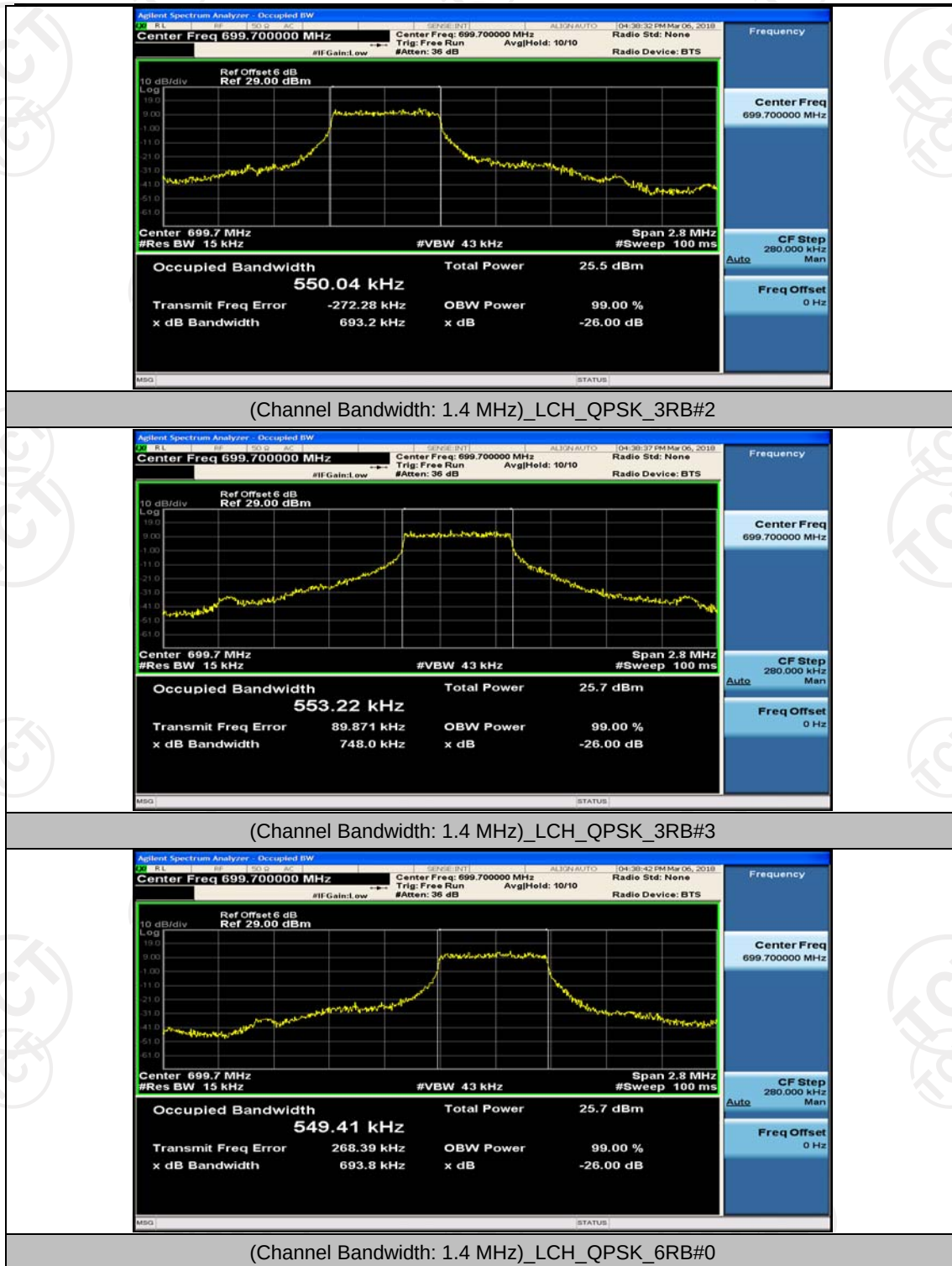
QPSK	LCH	1	0	0.394	0.616	PASS
		1	25	0.461	0.708	PASS
		1	49	0.388	0.560	PASS
		25	0	4.514	4.940	PASS
		25	12	4.522	5.101	PASS
		25	25	4.517	4.979	PASS
		50	0	8.920	9.444	PASS
	MCH	1	0	0.390	0.573	PASS
		1	25	0.446	0.714	PASS
		1	49	0.379	0.574	PASS
		25	0	4.514	4.958	PASS
		25	12	4.524	5.103	PASS
		25	25	4.515	4.937	PASS
		50	0	8.943	9.524	PASS
	HCH	1	0	0.388	0.570	PASS
		1	25	0.438	0.706	PASS
		1	49	0.384	0.580	PASS
		25	0	4.511	4.955	PASS
		25	12	4.500	5.083	PASS
		25	25	4.500	4.941	PASS
		50	0	8.920	9.447	PASS
16QAM	LCH	1	0	0.387	0.602	PASS
		1	25	0.443	0.752	PASS
		1	49	0.392	0.567	PASS
		25	0	4.511	4.991	PASS
		25	12	4.506	5.123	PASS
		25	25	4.511	4.939	PASS
		50	0	8.927	9.459	PASS
	MCH	1	0	0.390	0.567	PASS
		1	25	0.479	0.707	PASS
		1	49	0.385	0.555	PASS
		25	0	4.510	5.003	PASS
		25	12	4.519	5.049	PASS
		25	25	4.516	4.959	PASS
		50	0	8.938	9.407	PASS
	HCH	1	0	0.390	0.553	PASS
		1	25	0.444	0.657	PASS
		1	49	0.397	0.594	PASS
		25	0	4.509	4.942	PASS
		25	12	4.506	5.039	PASS
		25	25	4.496	4.900	PASS

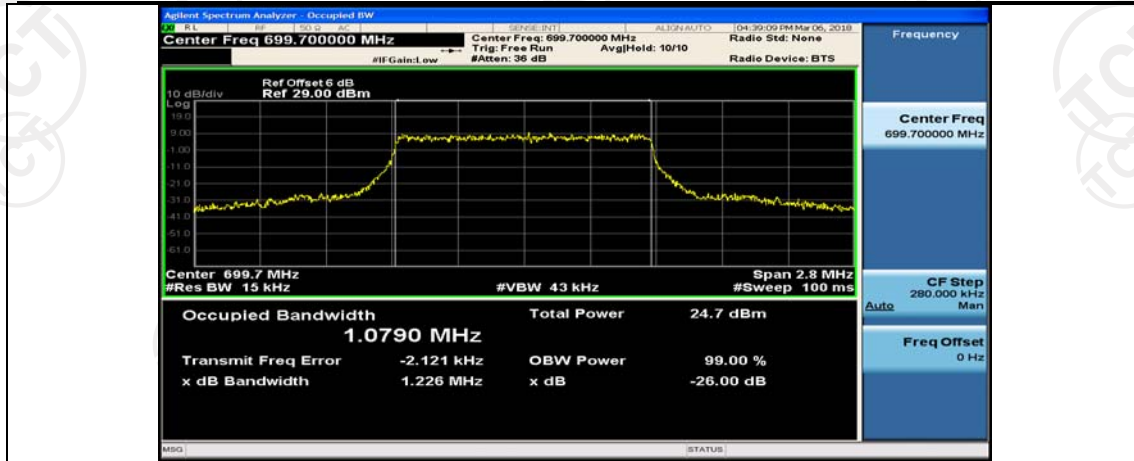
		50	0	8.908	9.404	PASS
--	--	----	---	-------	-------	------

Test Graphs

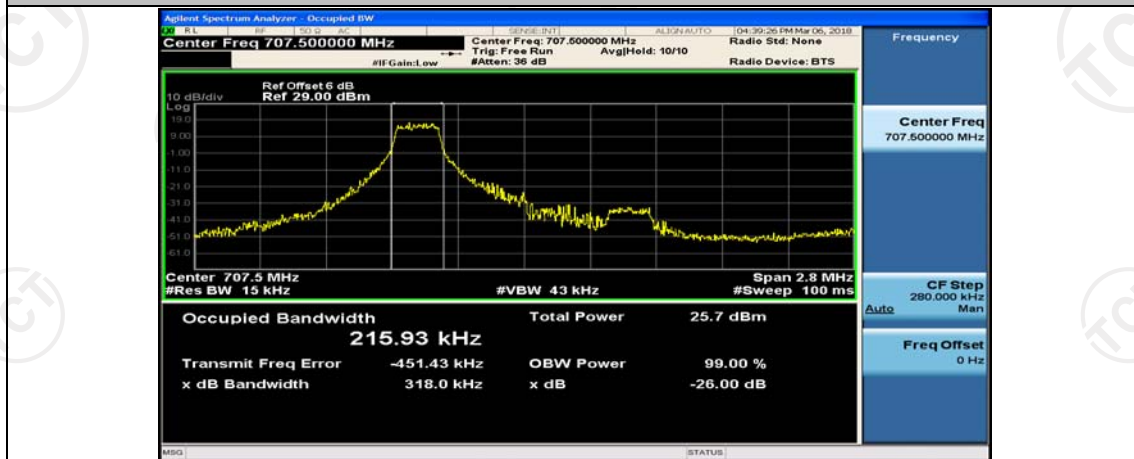
Channel Bandwidth: 1.4 MHz



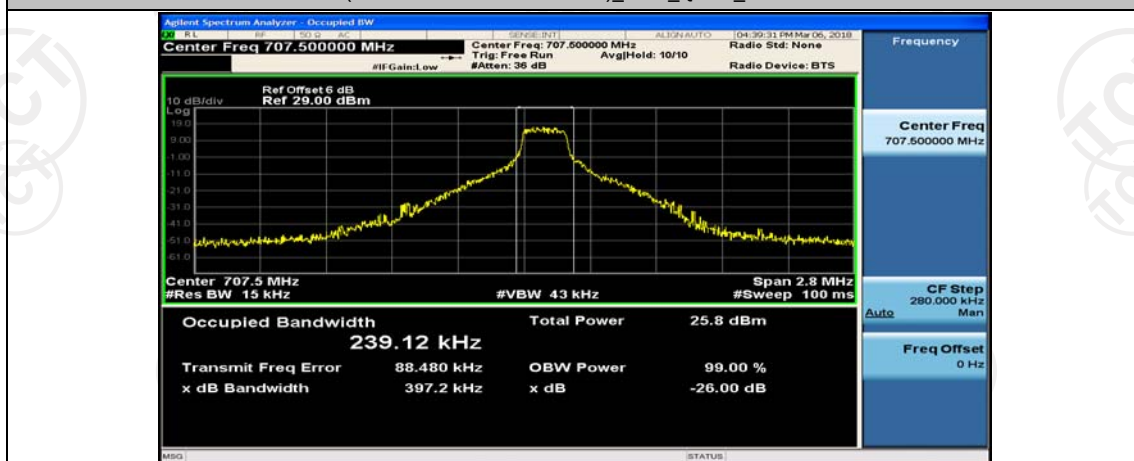




(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5