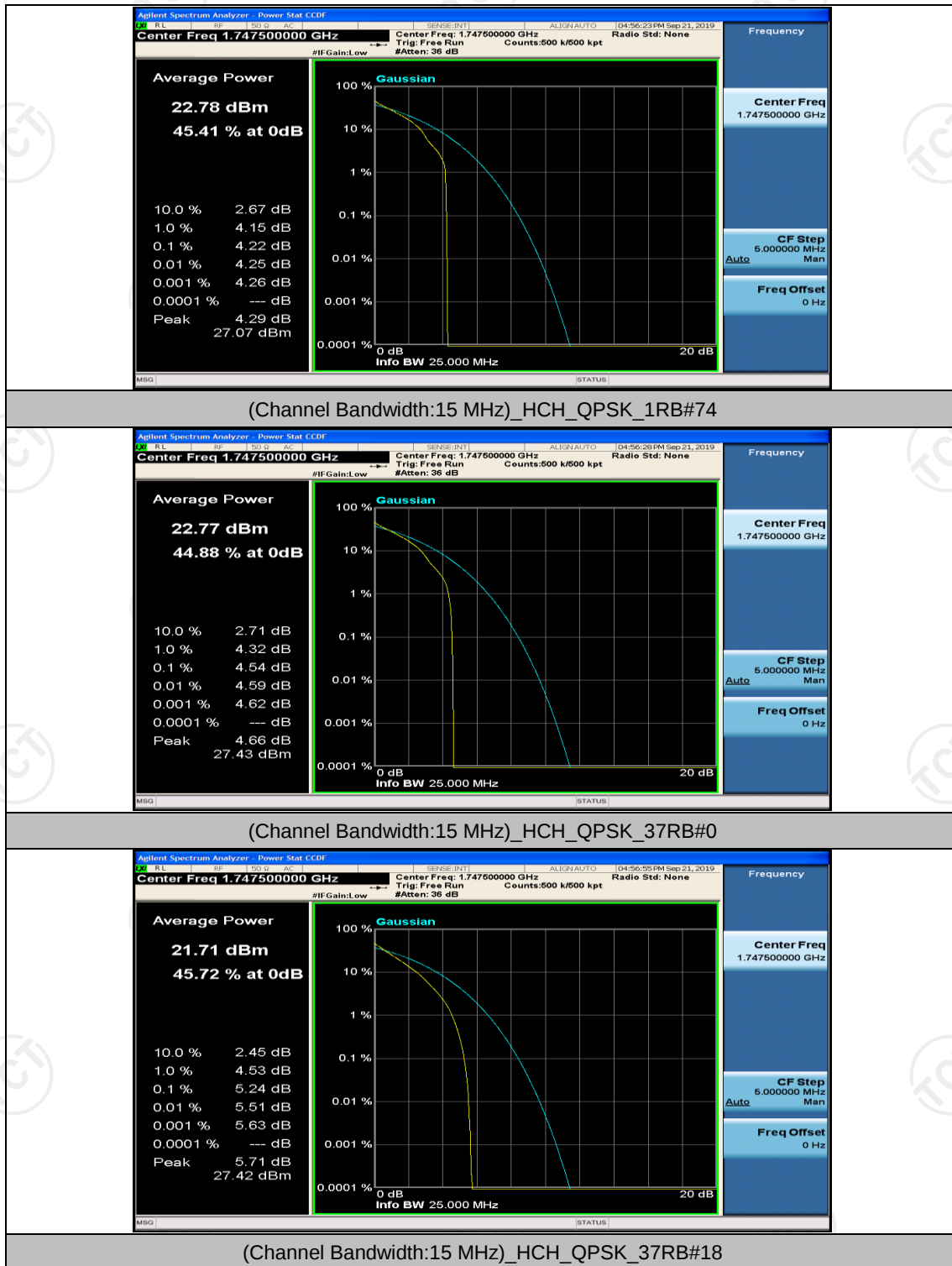
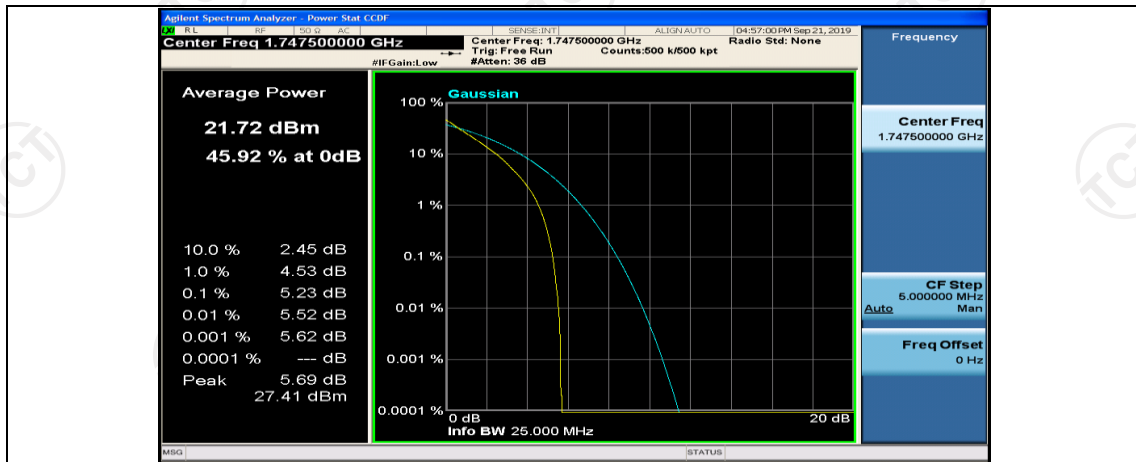
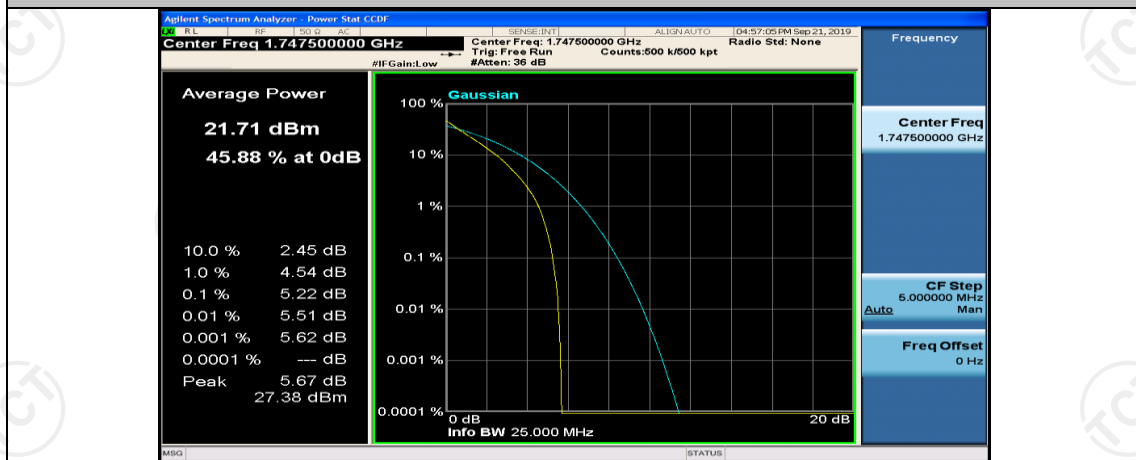


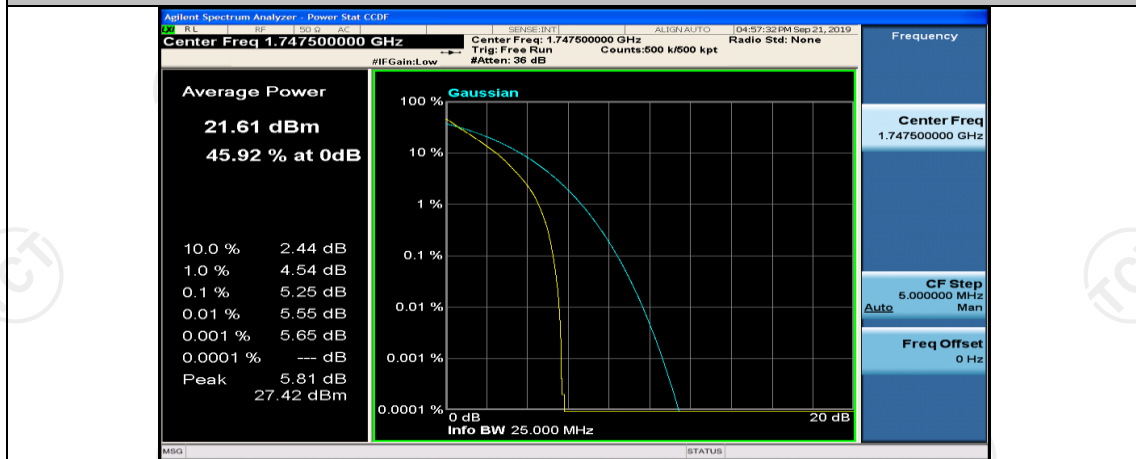




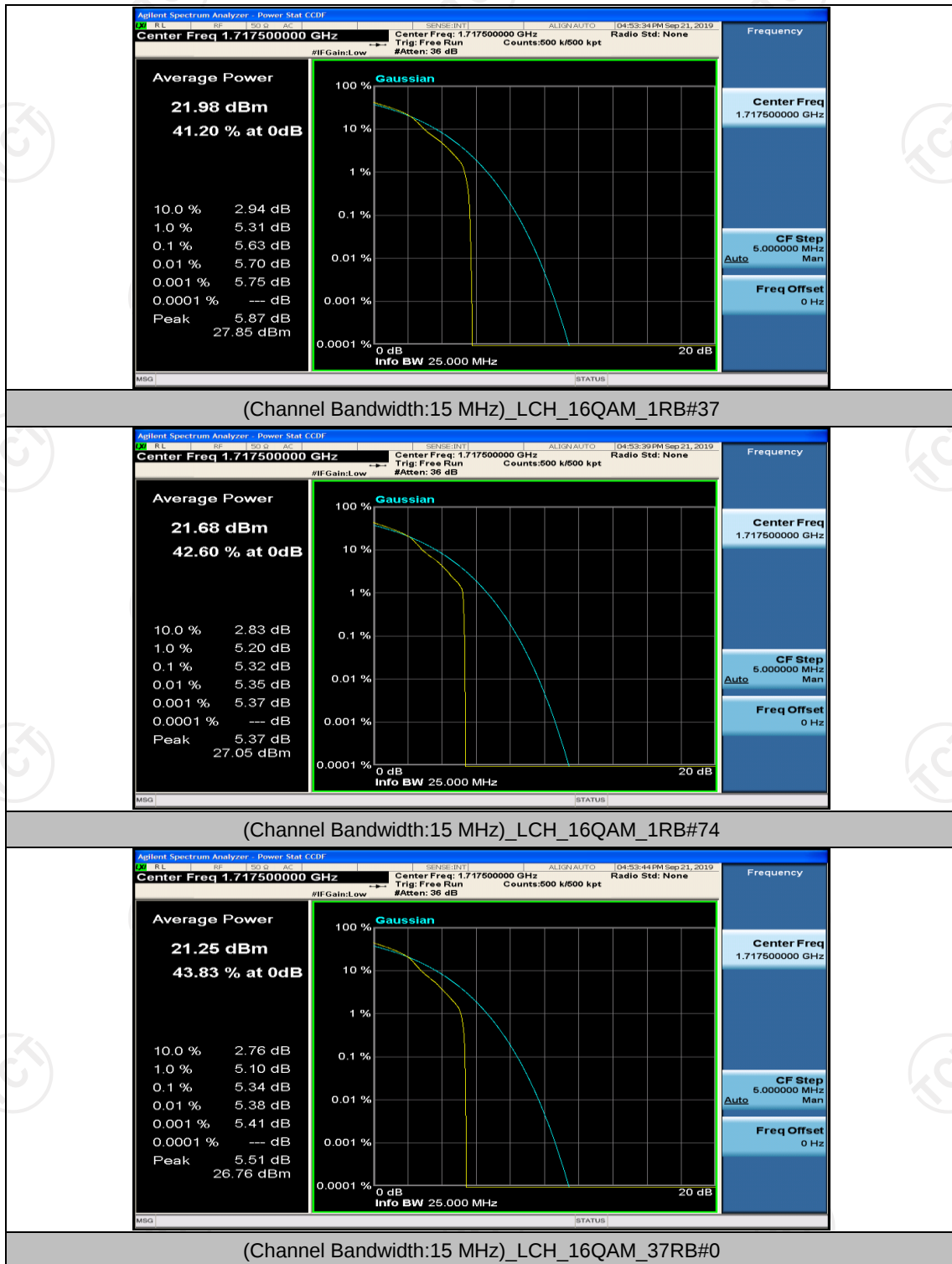
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#38

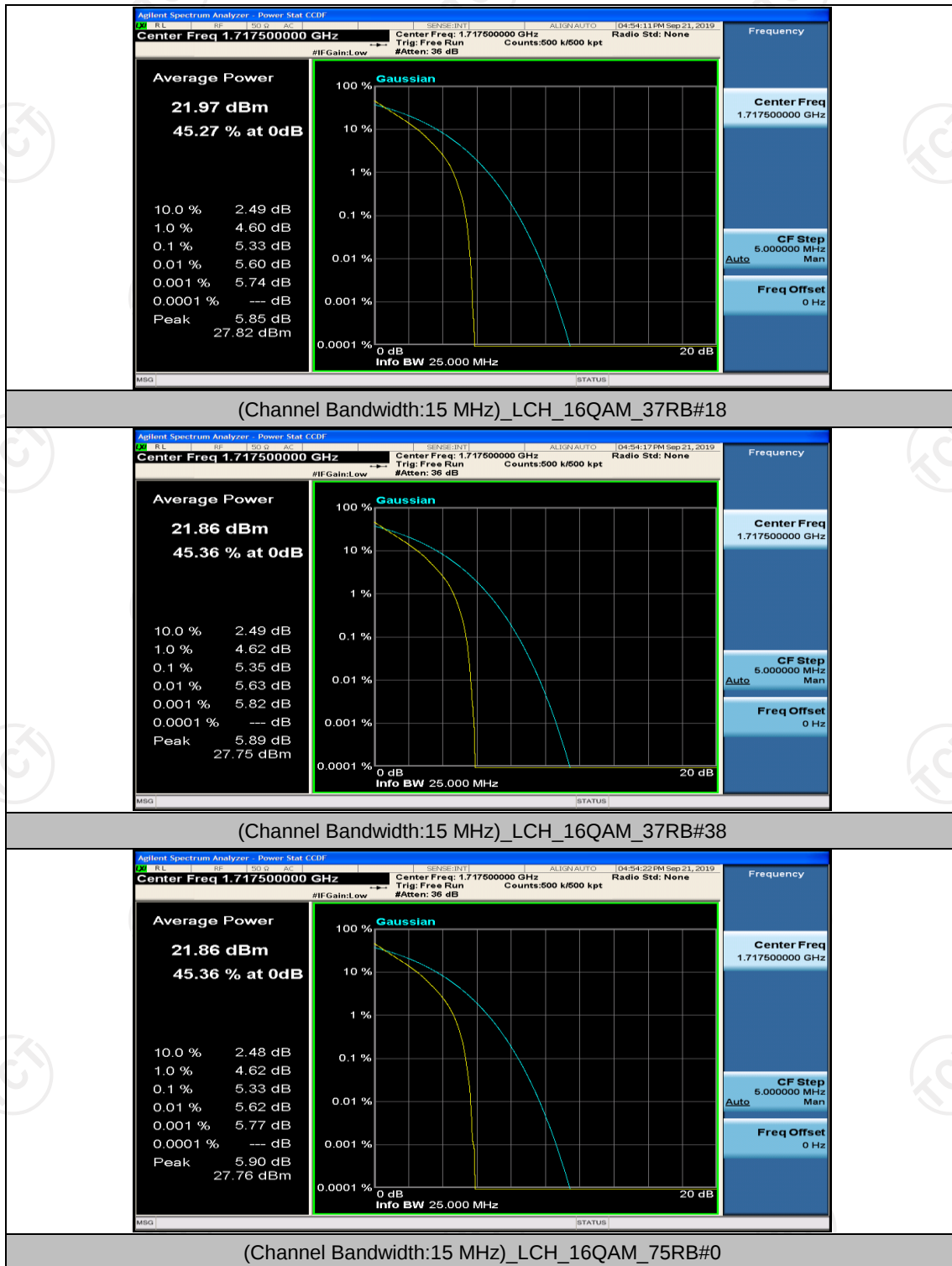


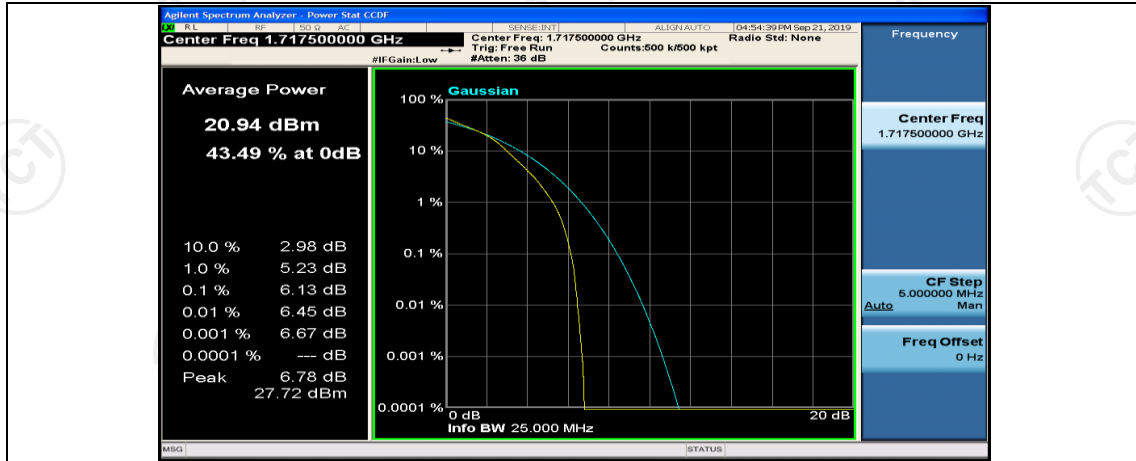
(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0



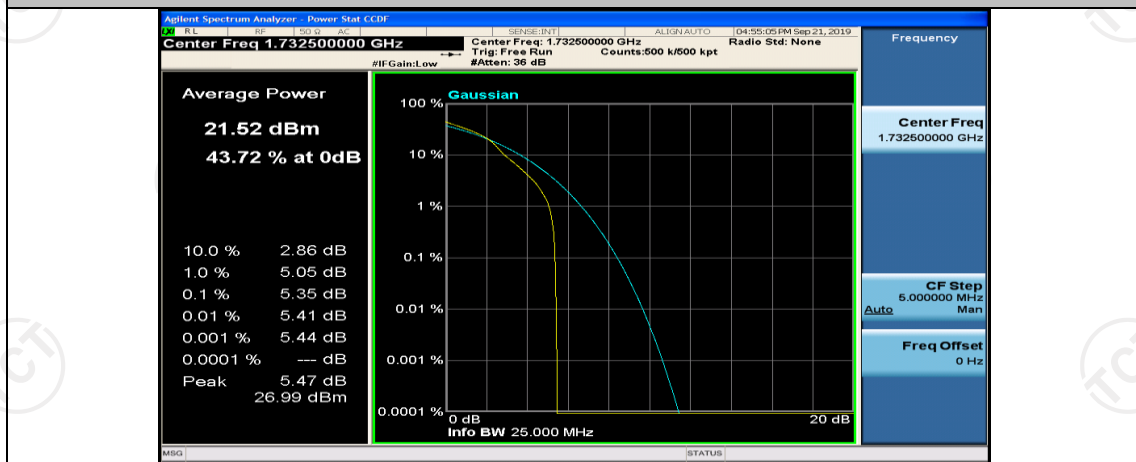
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0



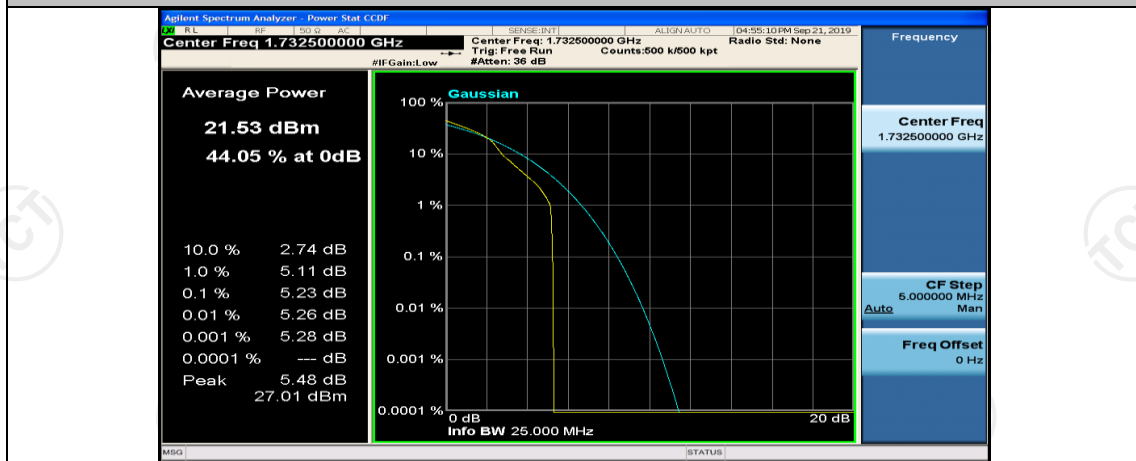




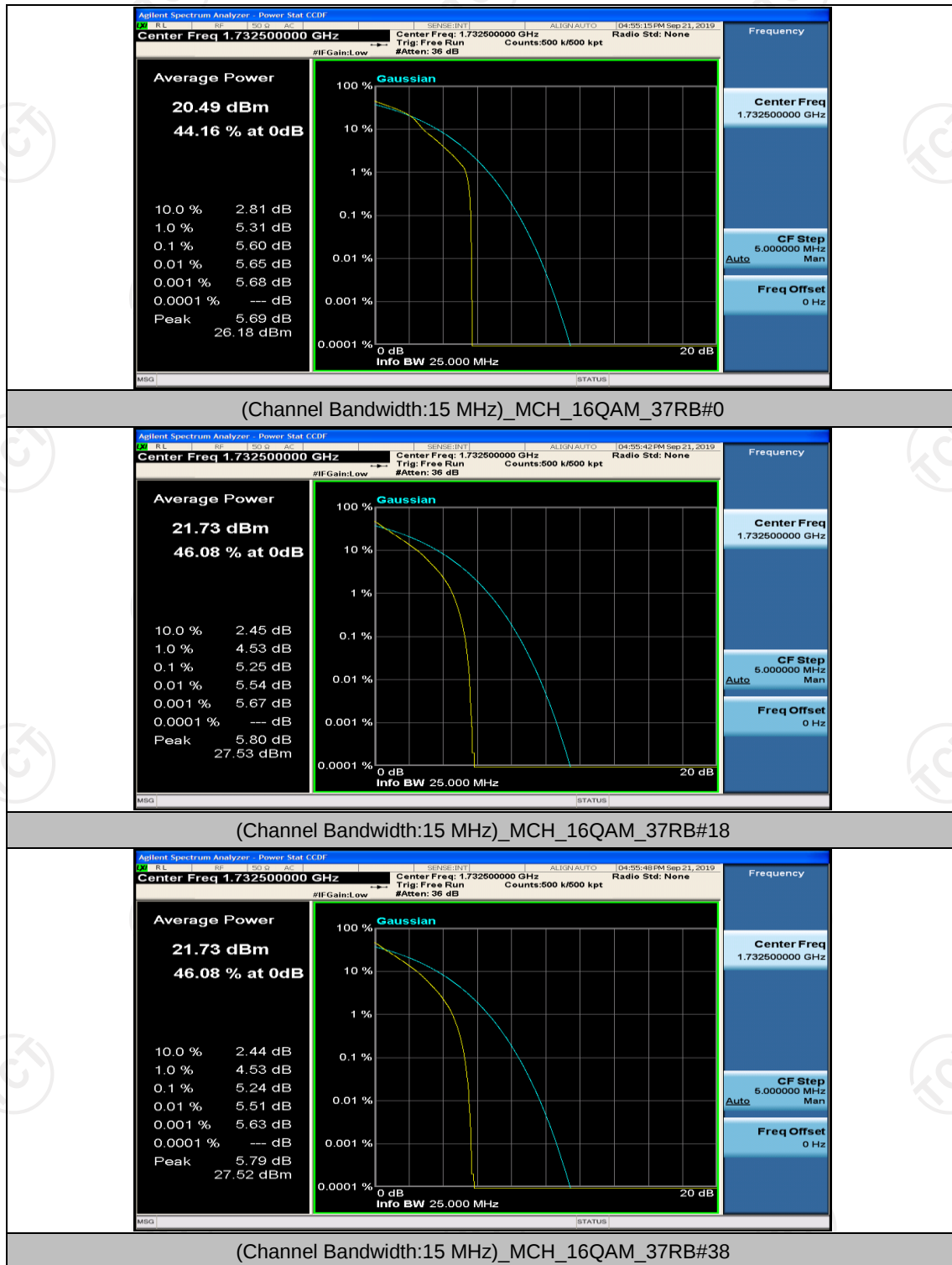
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0

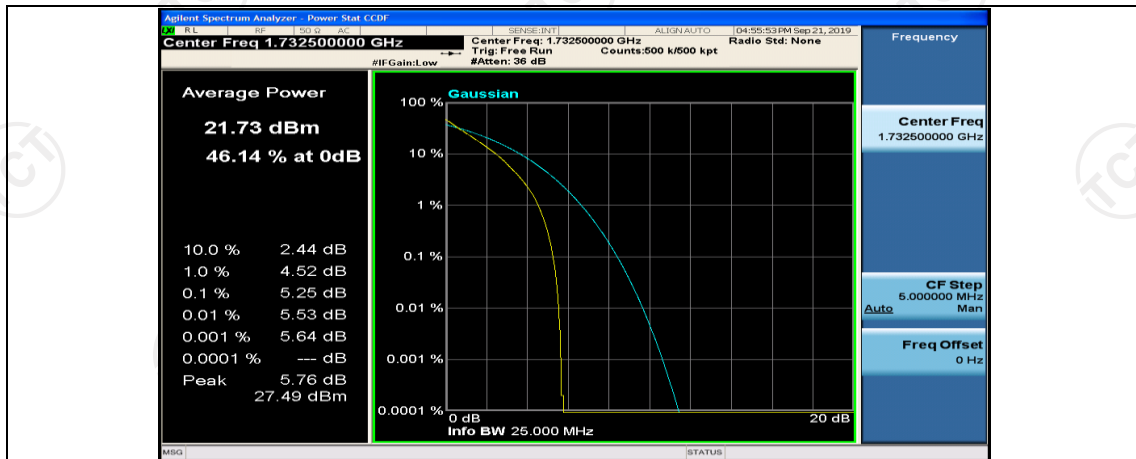


(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37

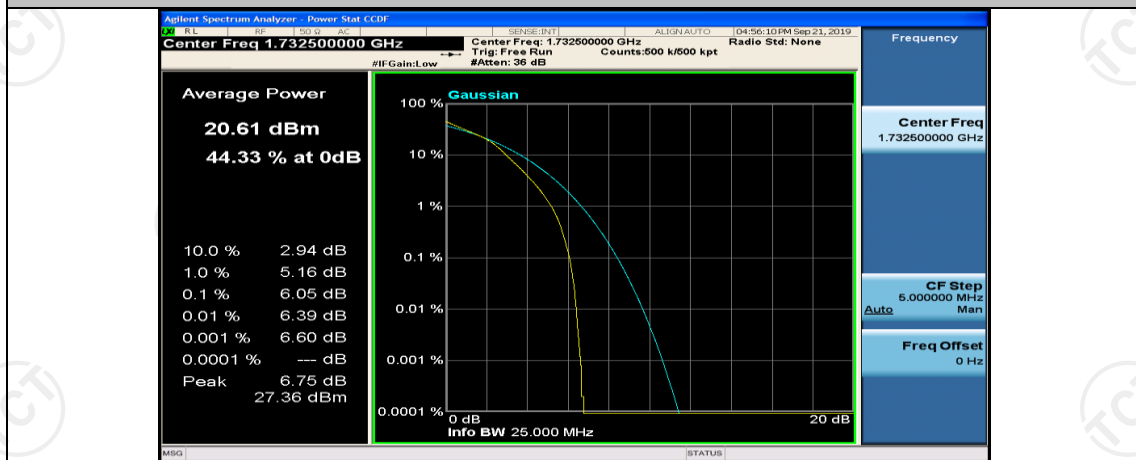


(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#74

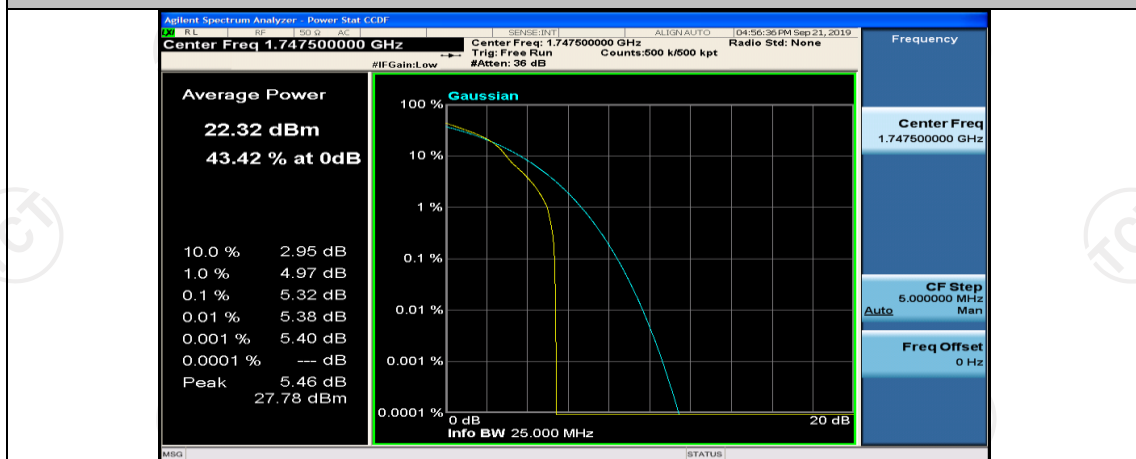




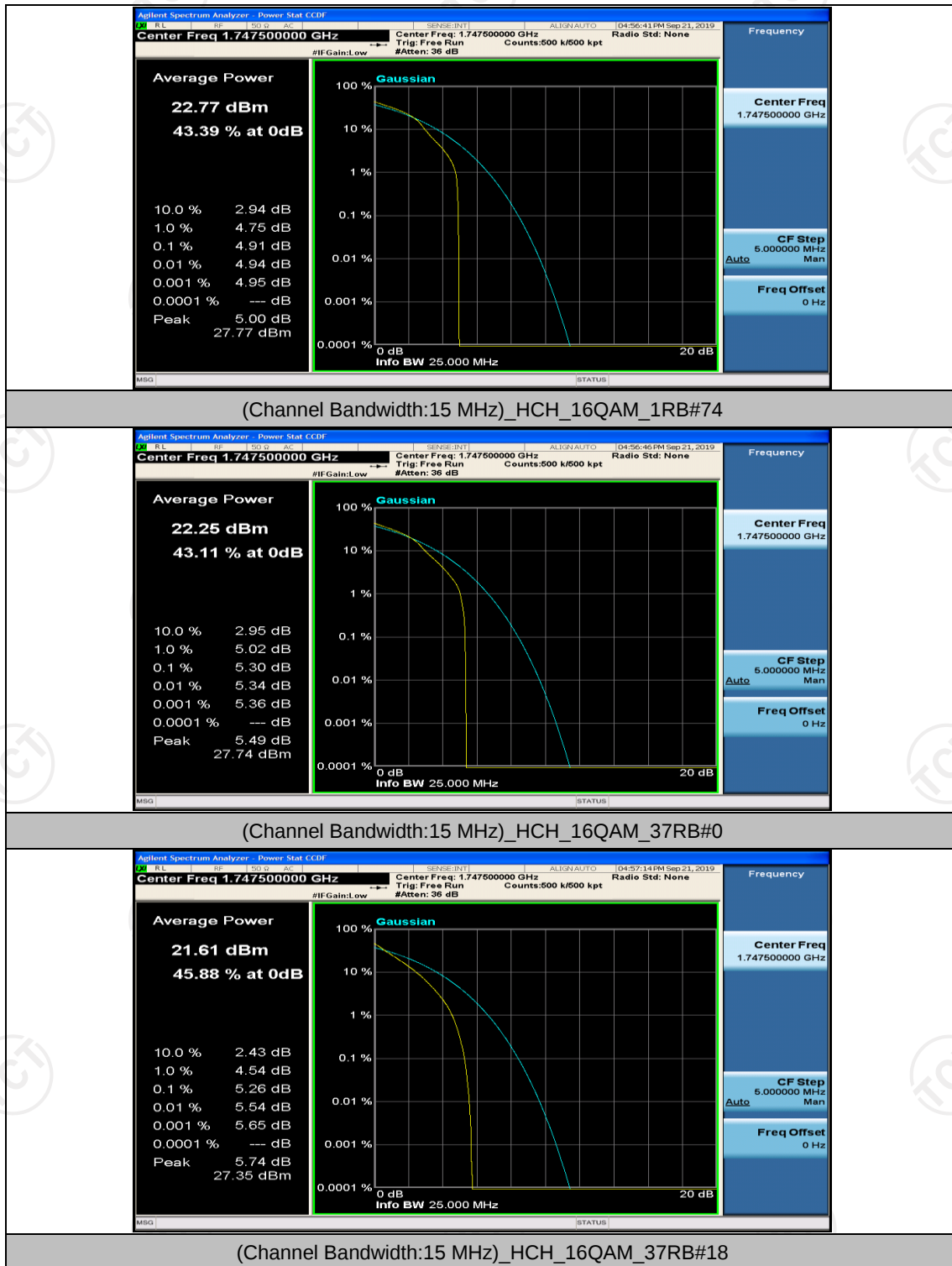
(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0

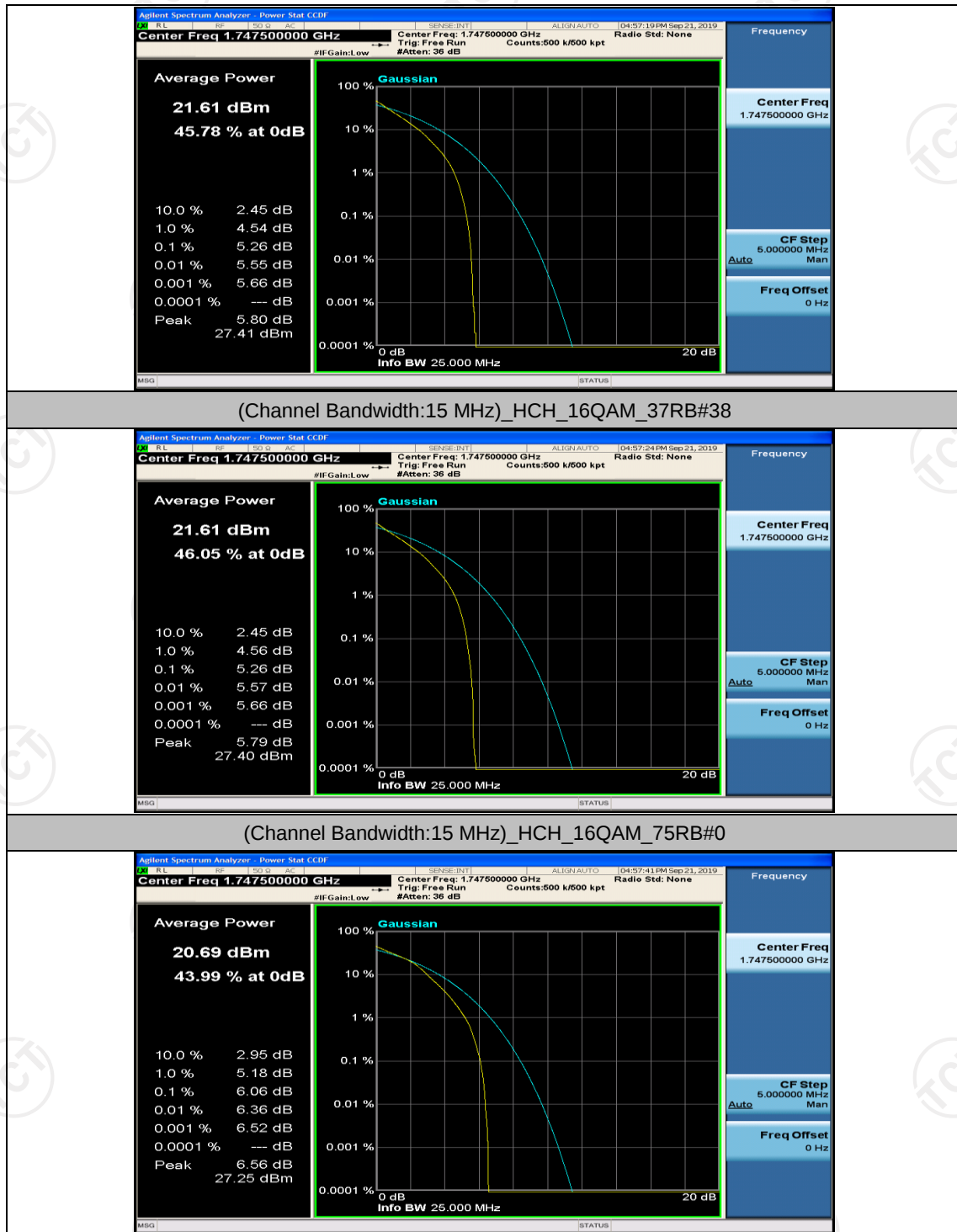


(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0



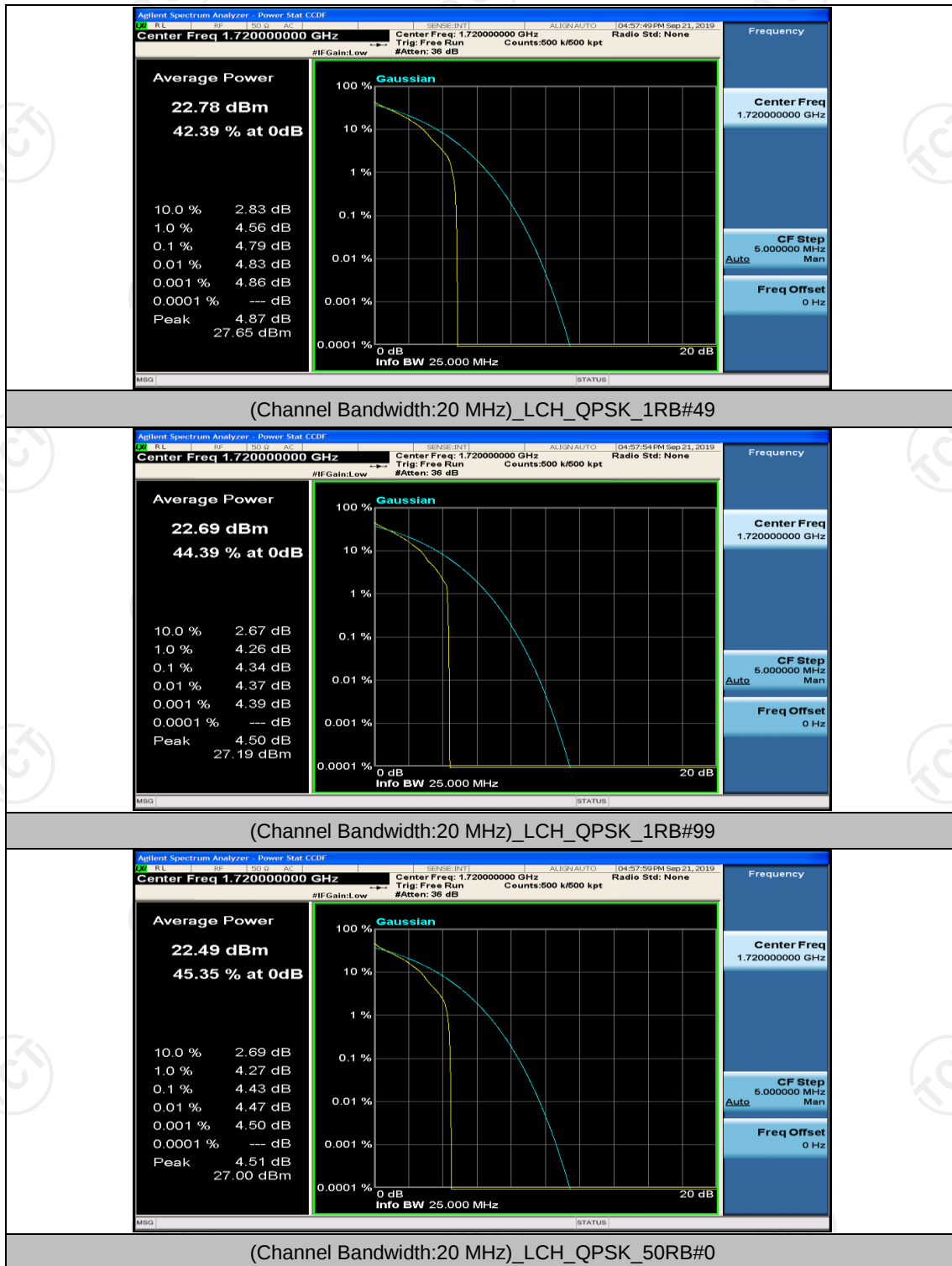
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37

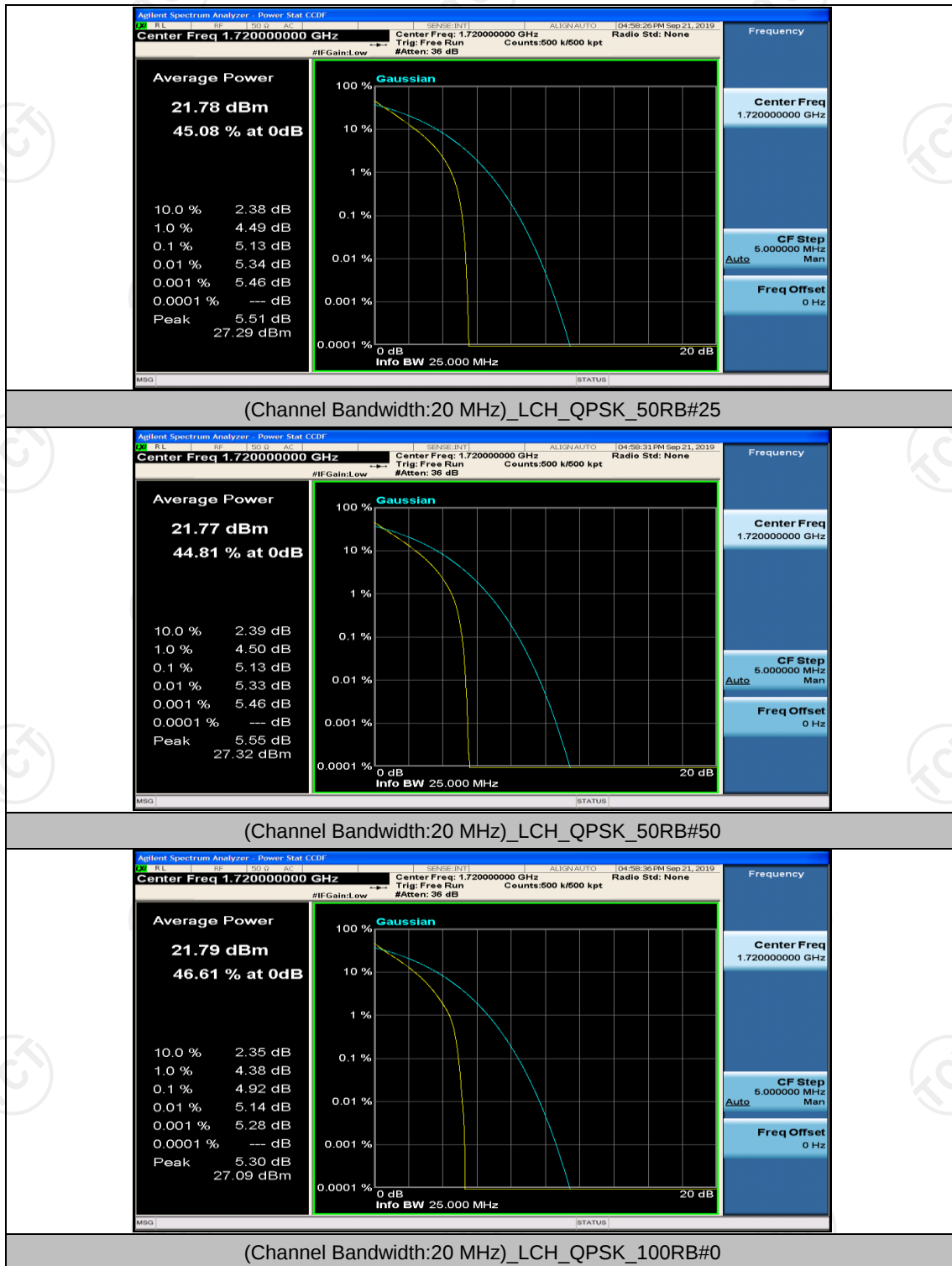


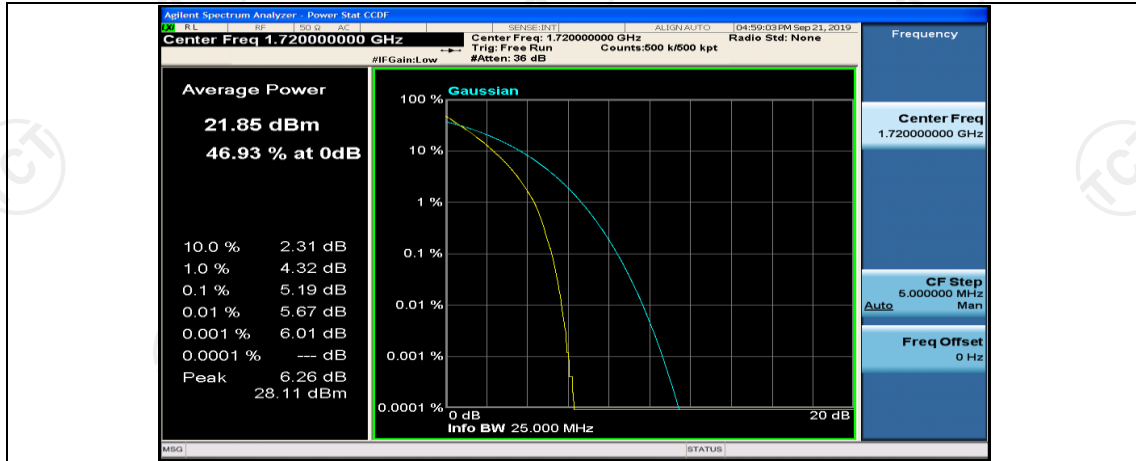


Channel Bandwidth: 20 MHz

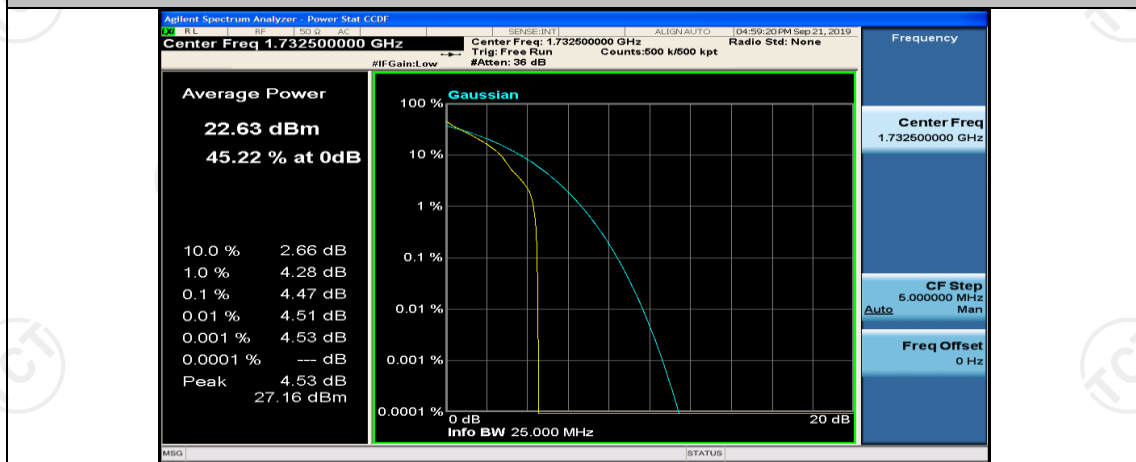
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#0



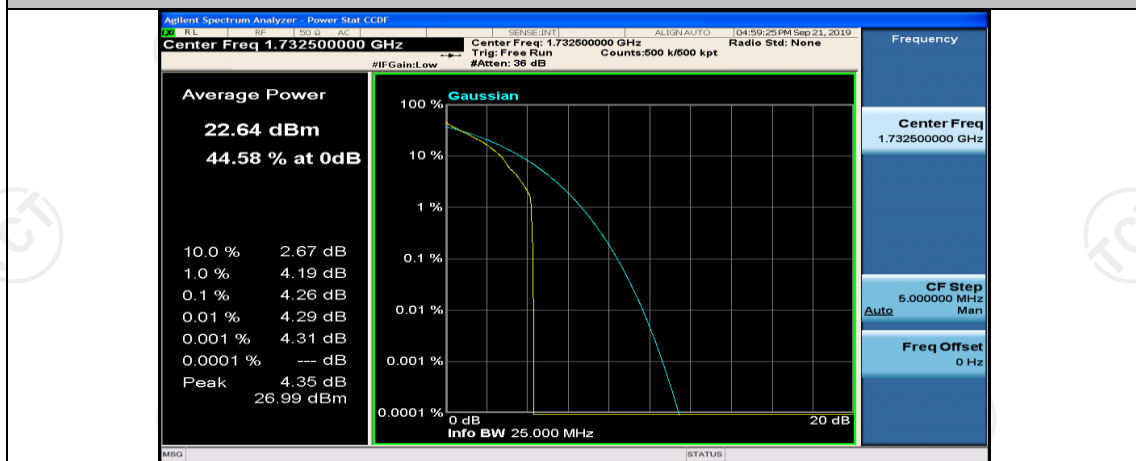




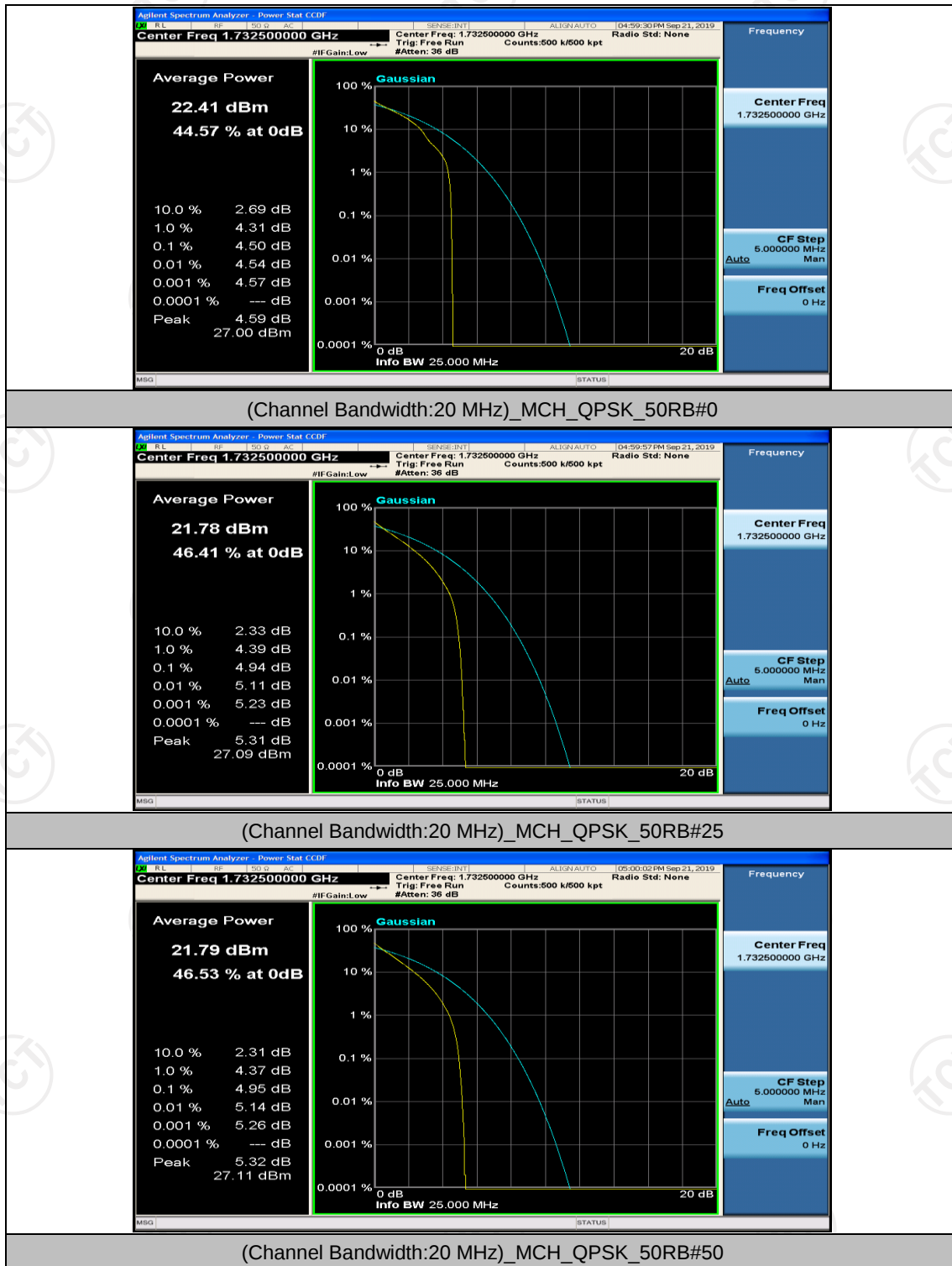
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0

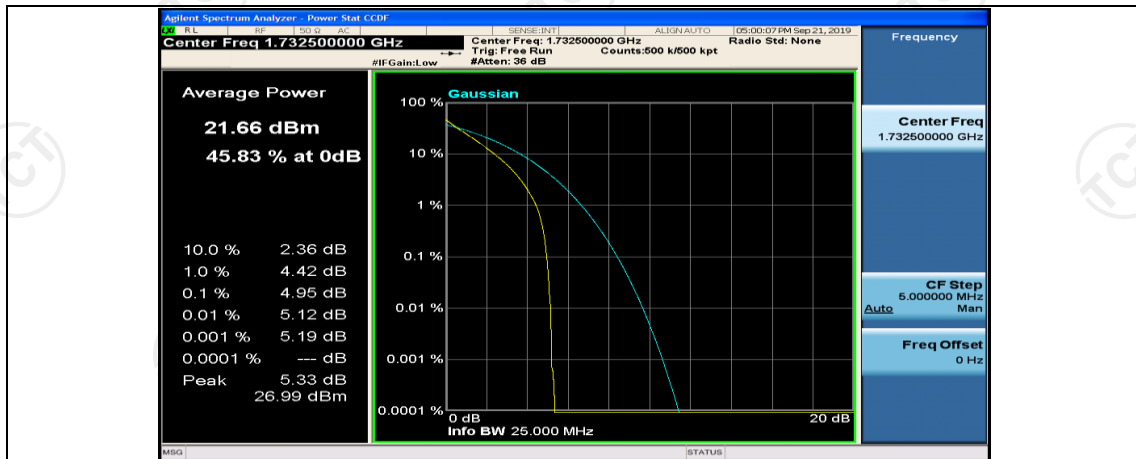


(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49

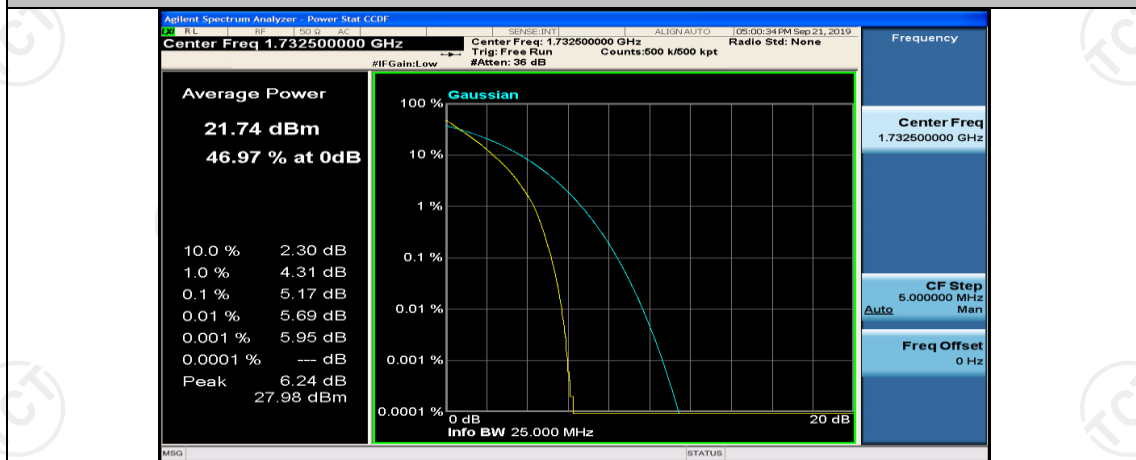


(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#99

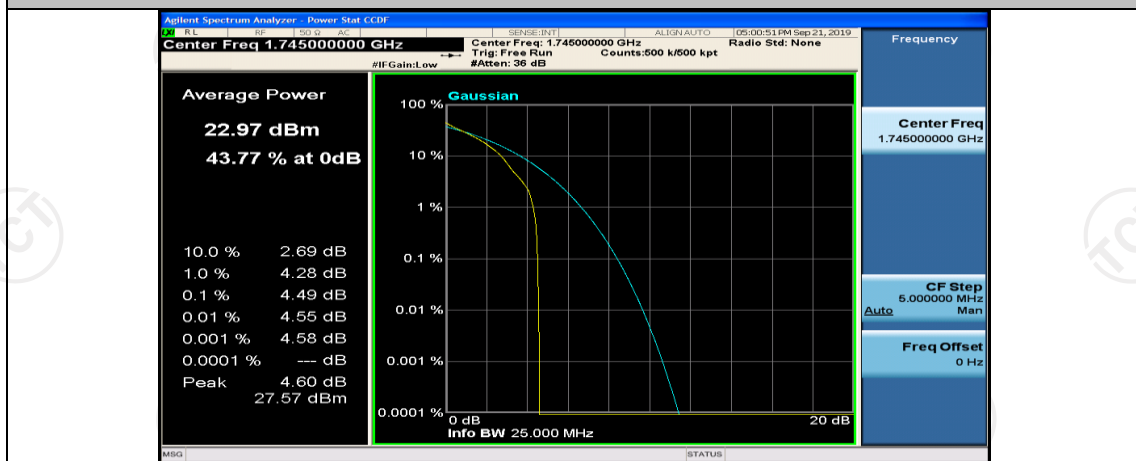




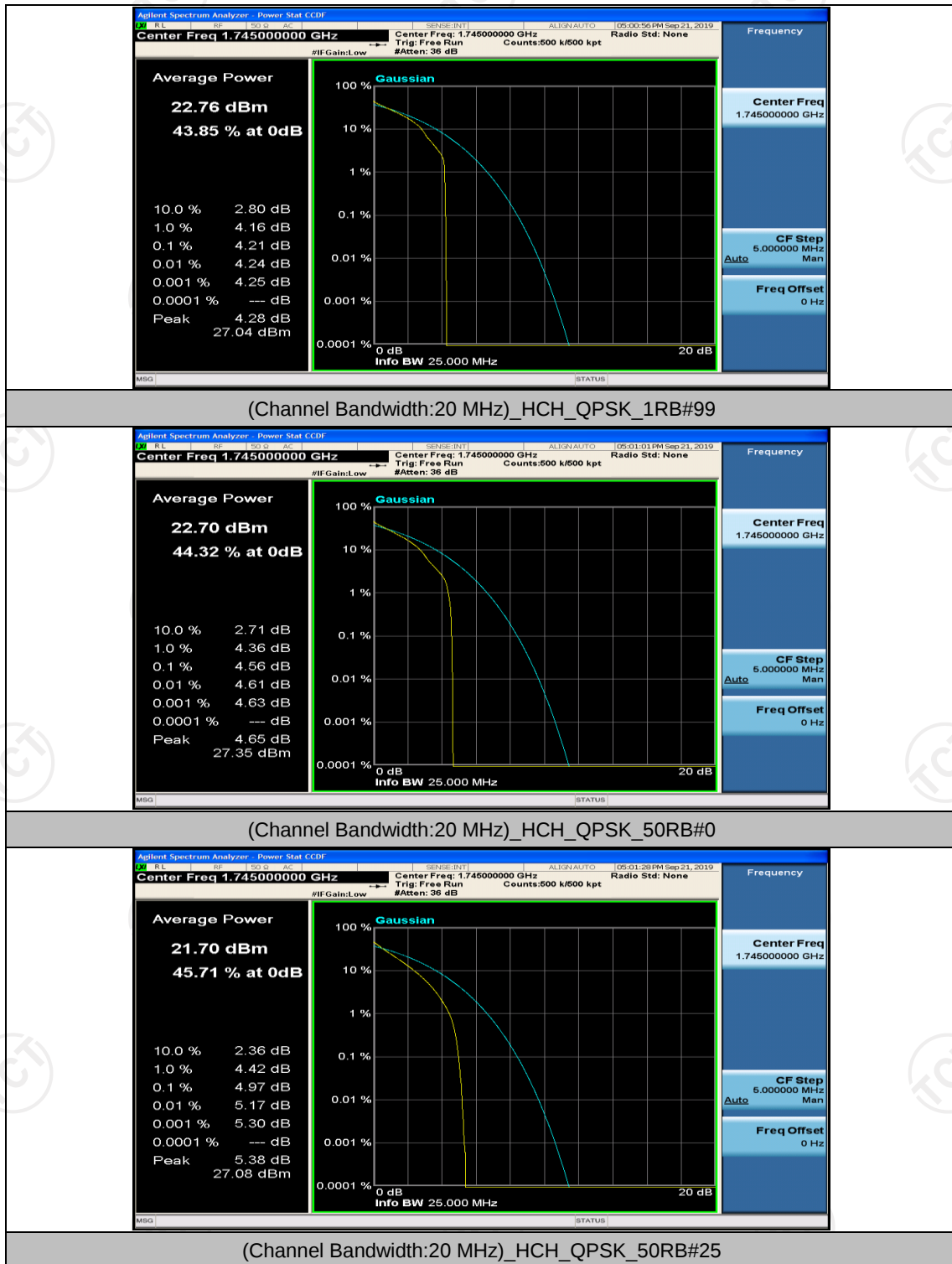
(Channel Bandwidth:20 MHz)_MCH_QPSK_100RB#0

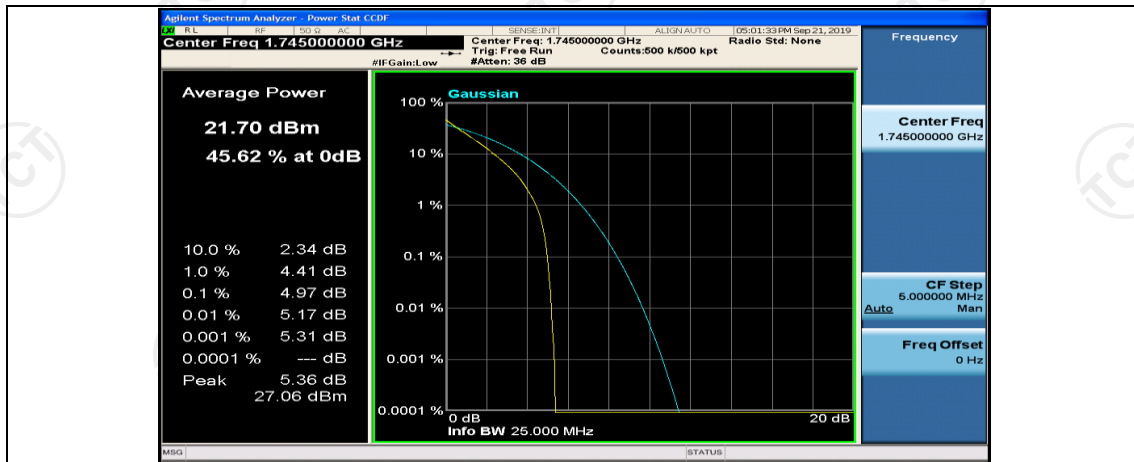


(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0

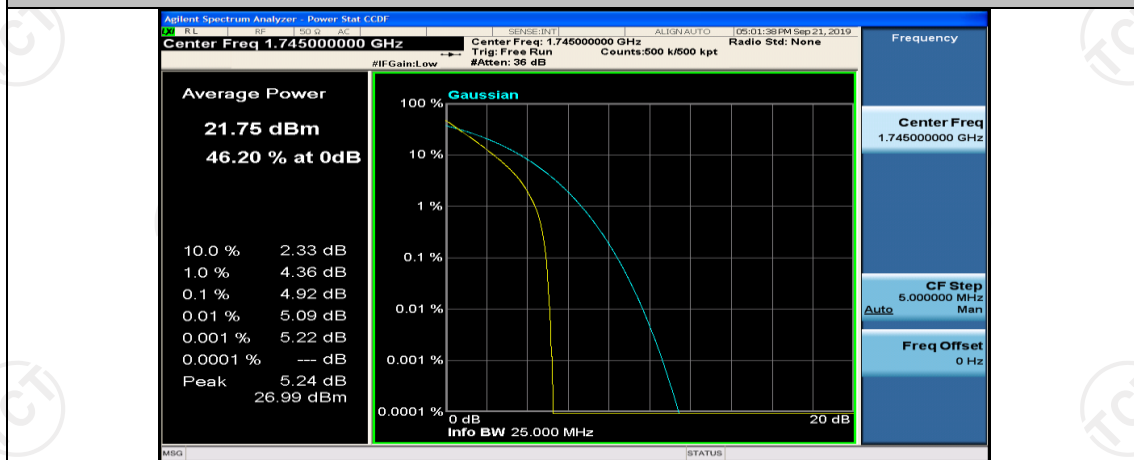


(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49

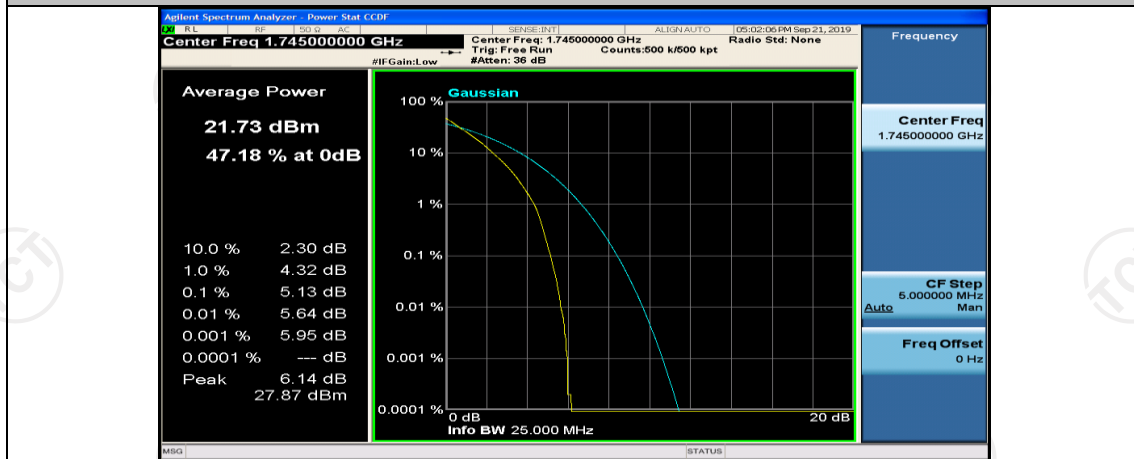




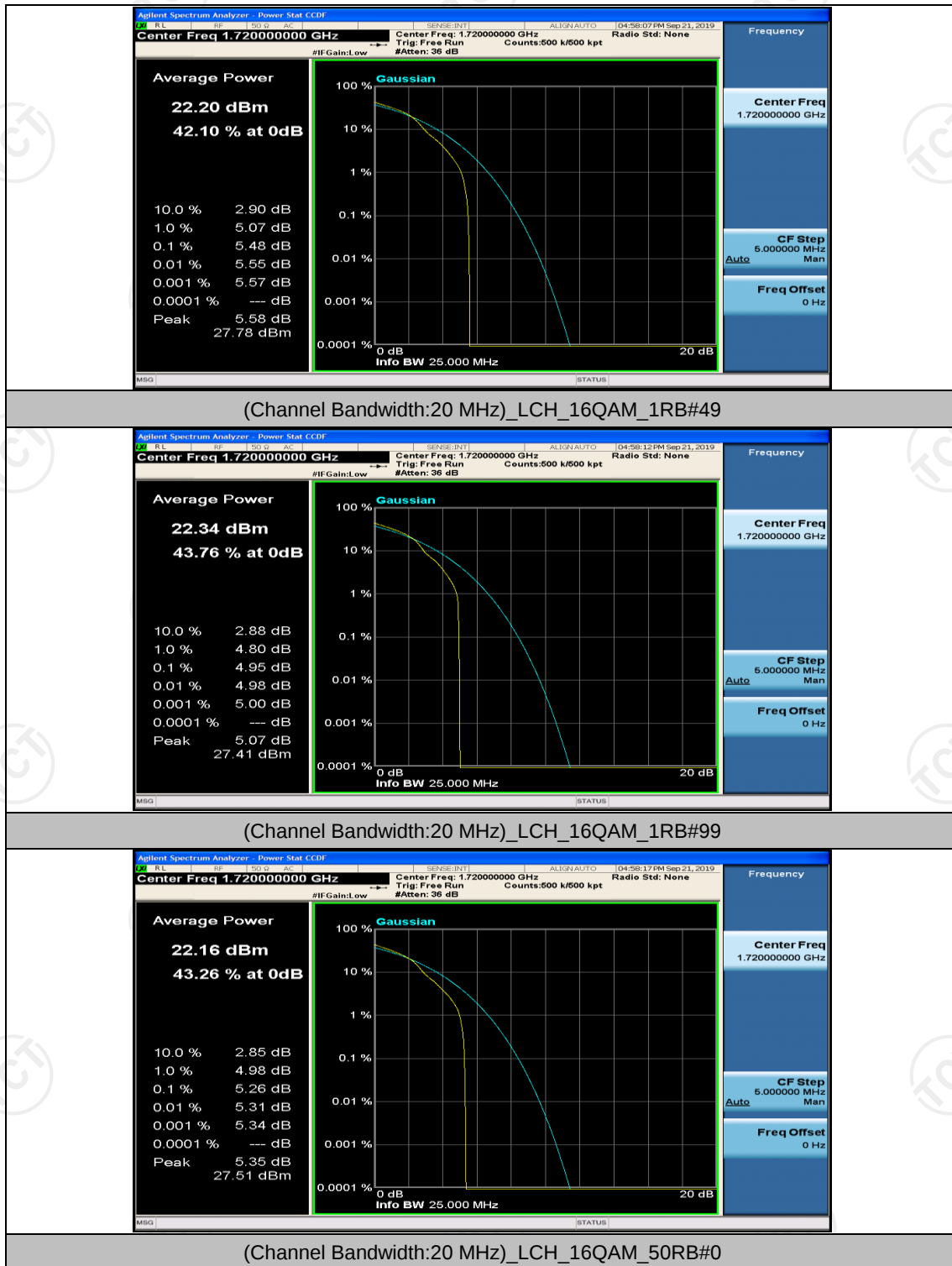
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#50

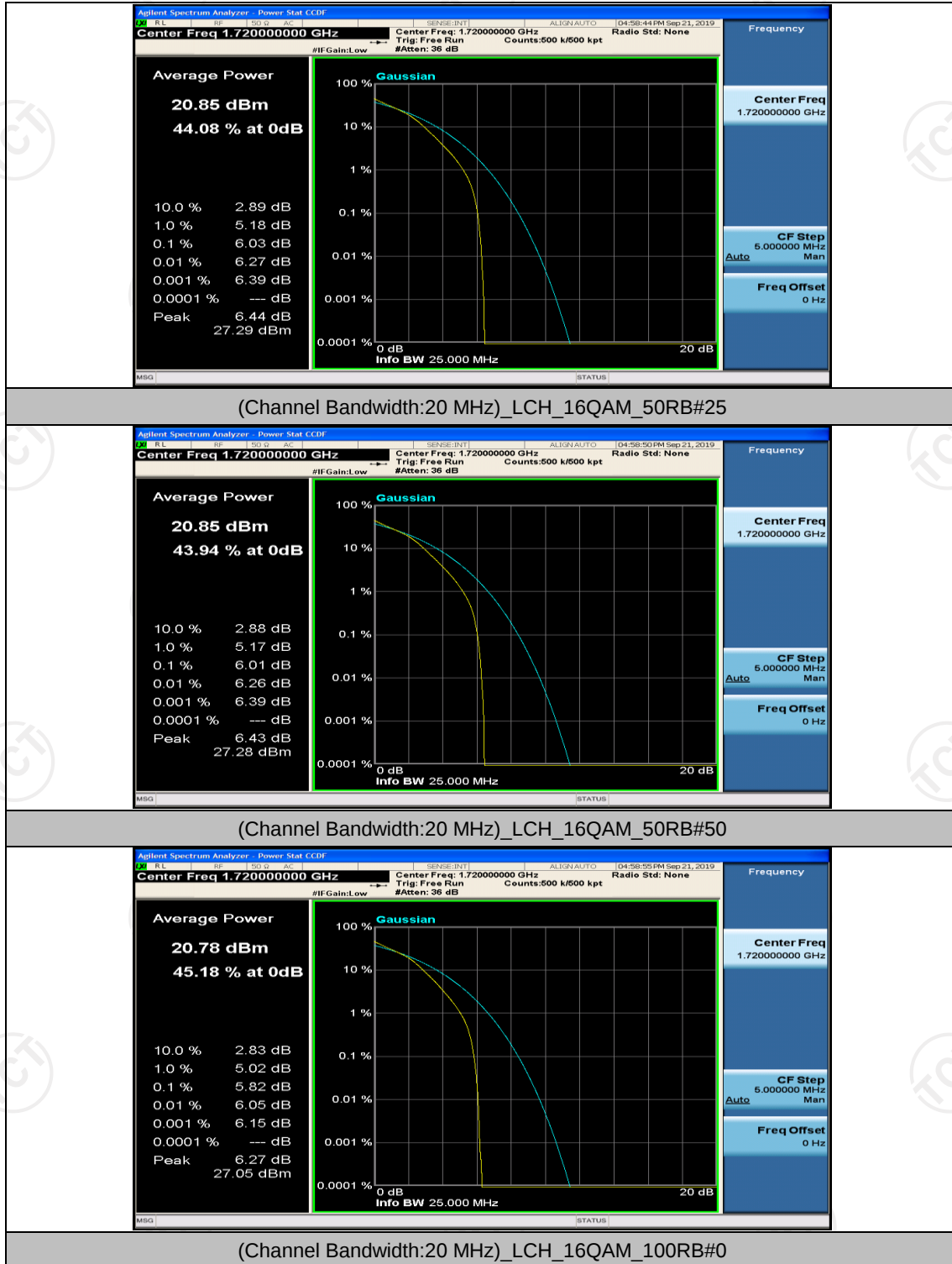


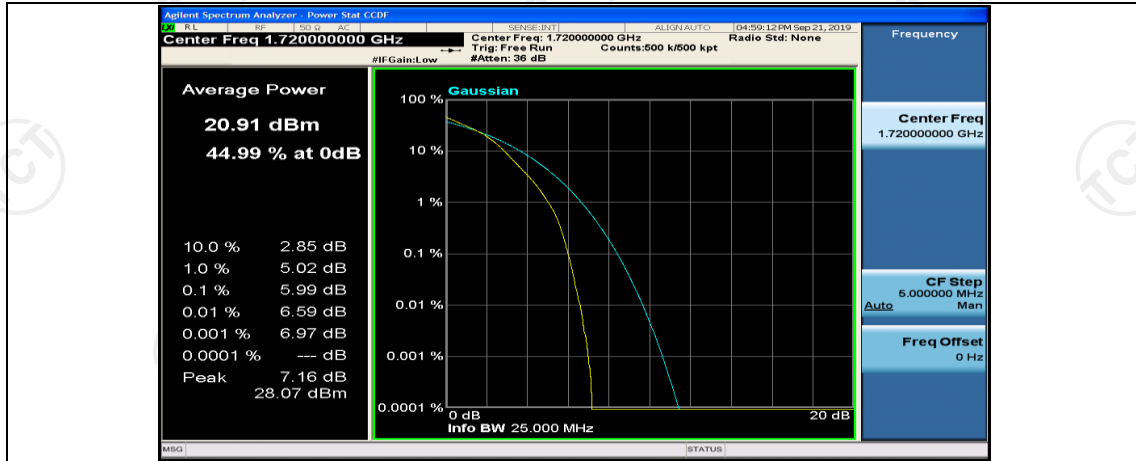
(Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0



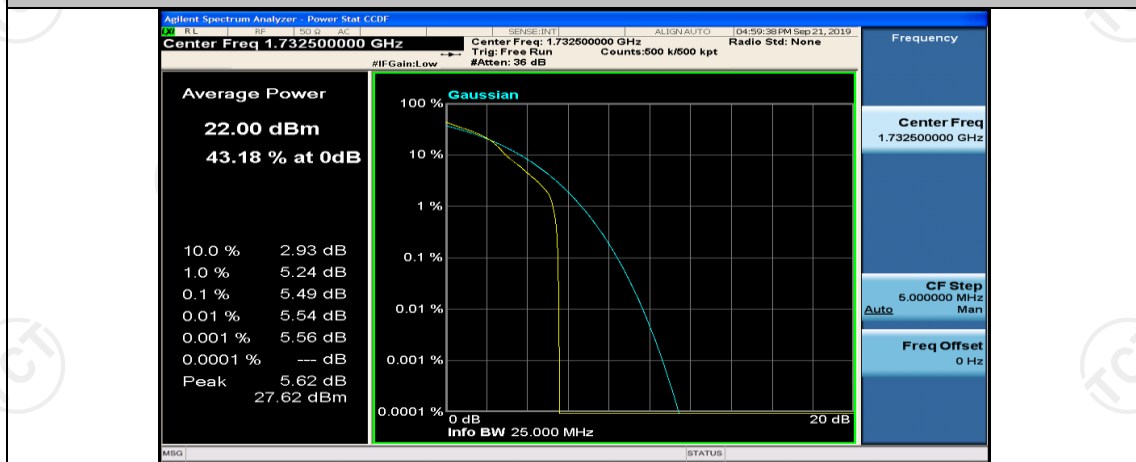
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0



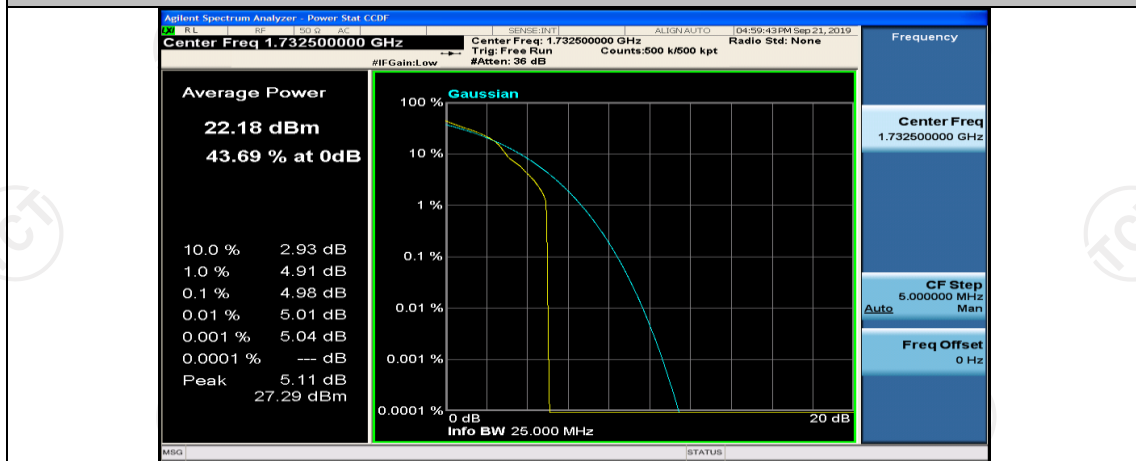




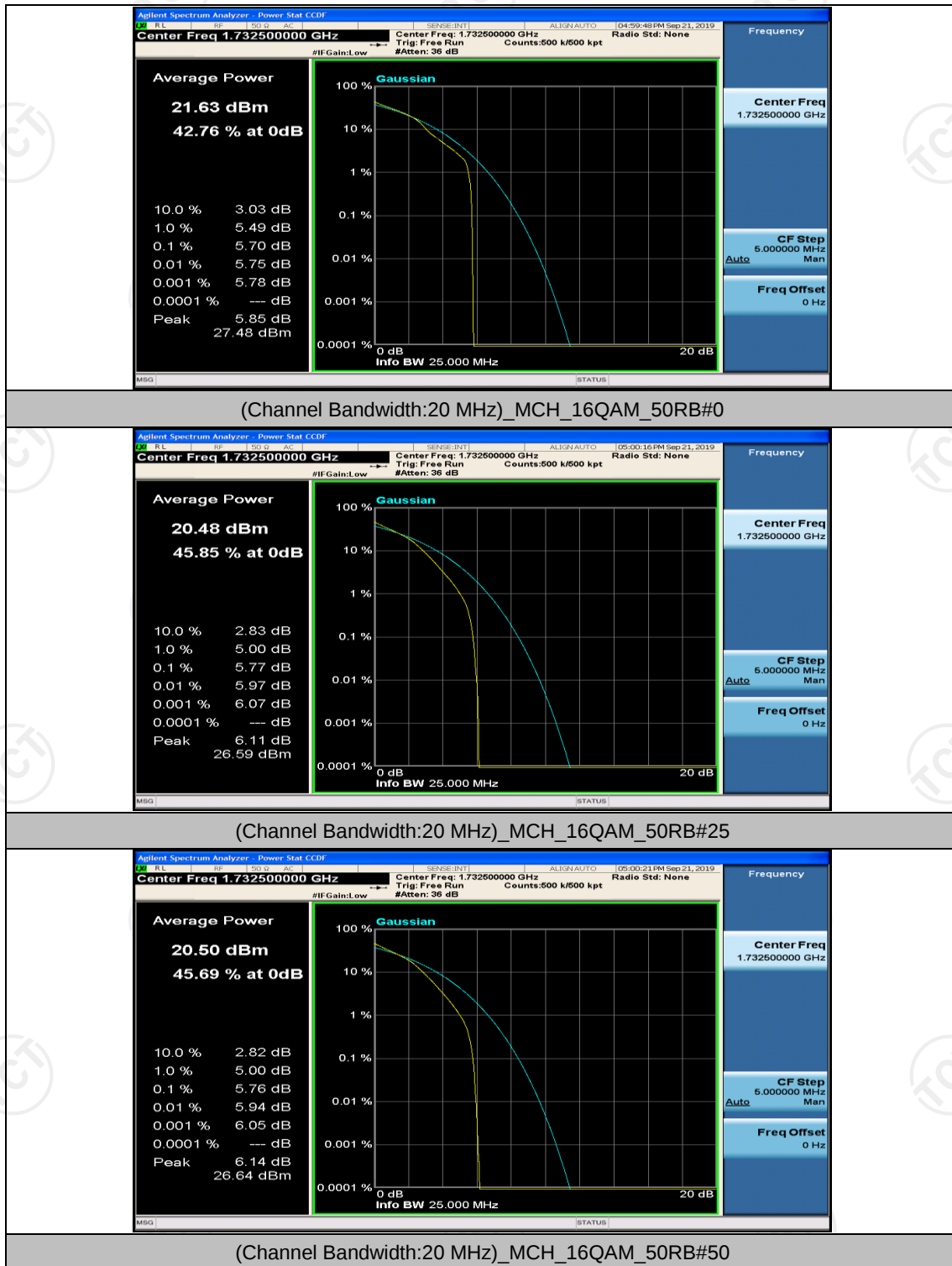
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0

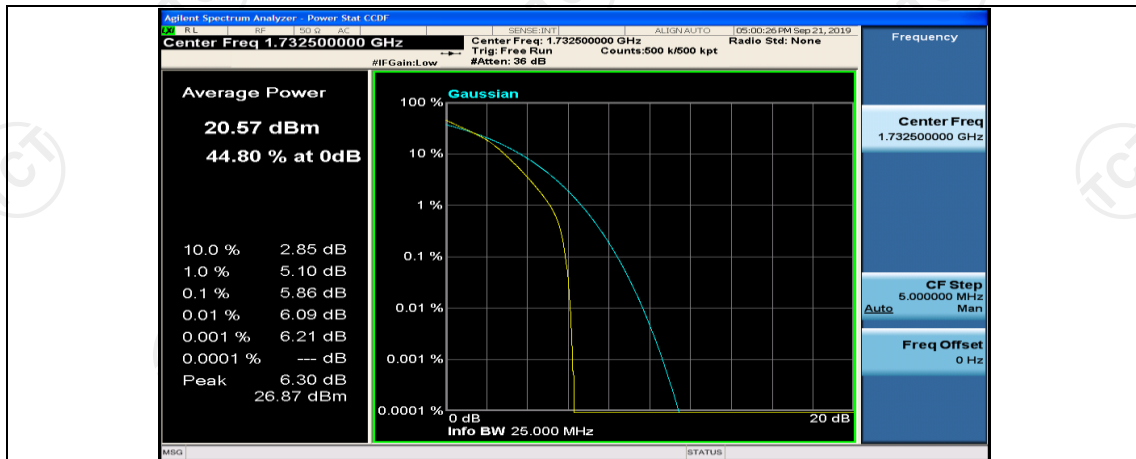


(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49

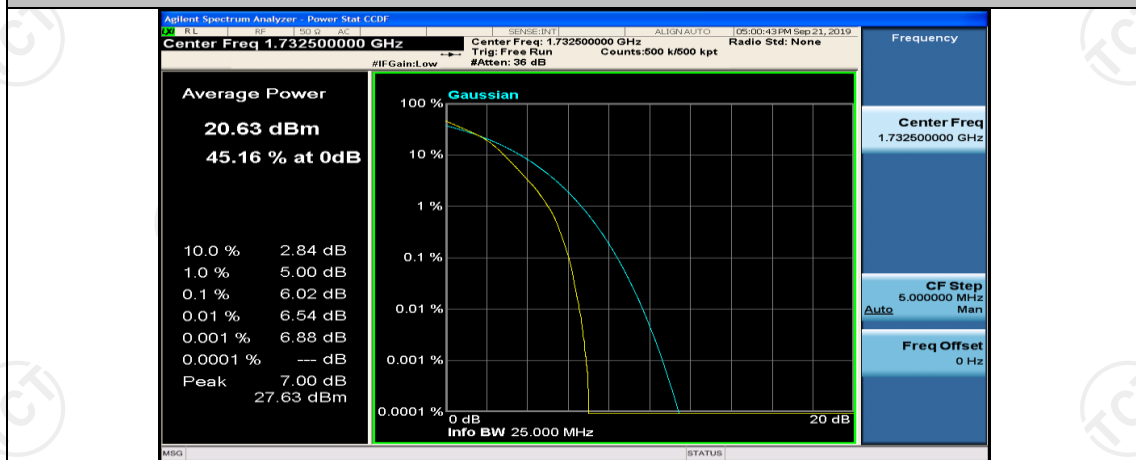


(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#99

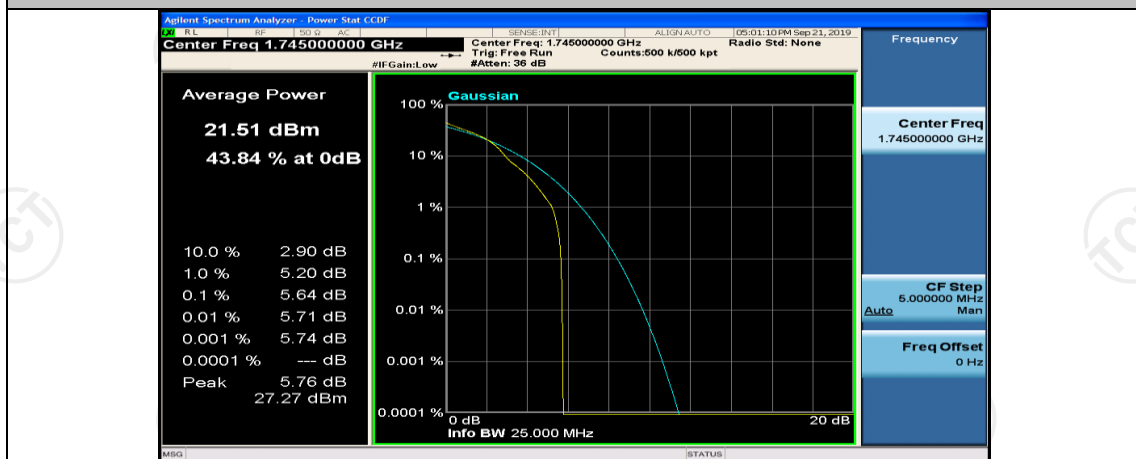




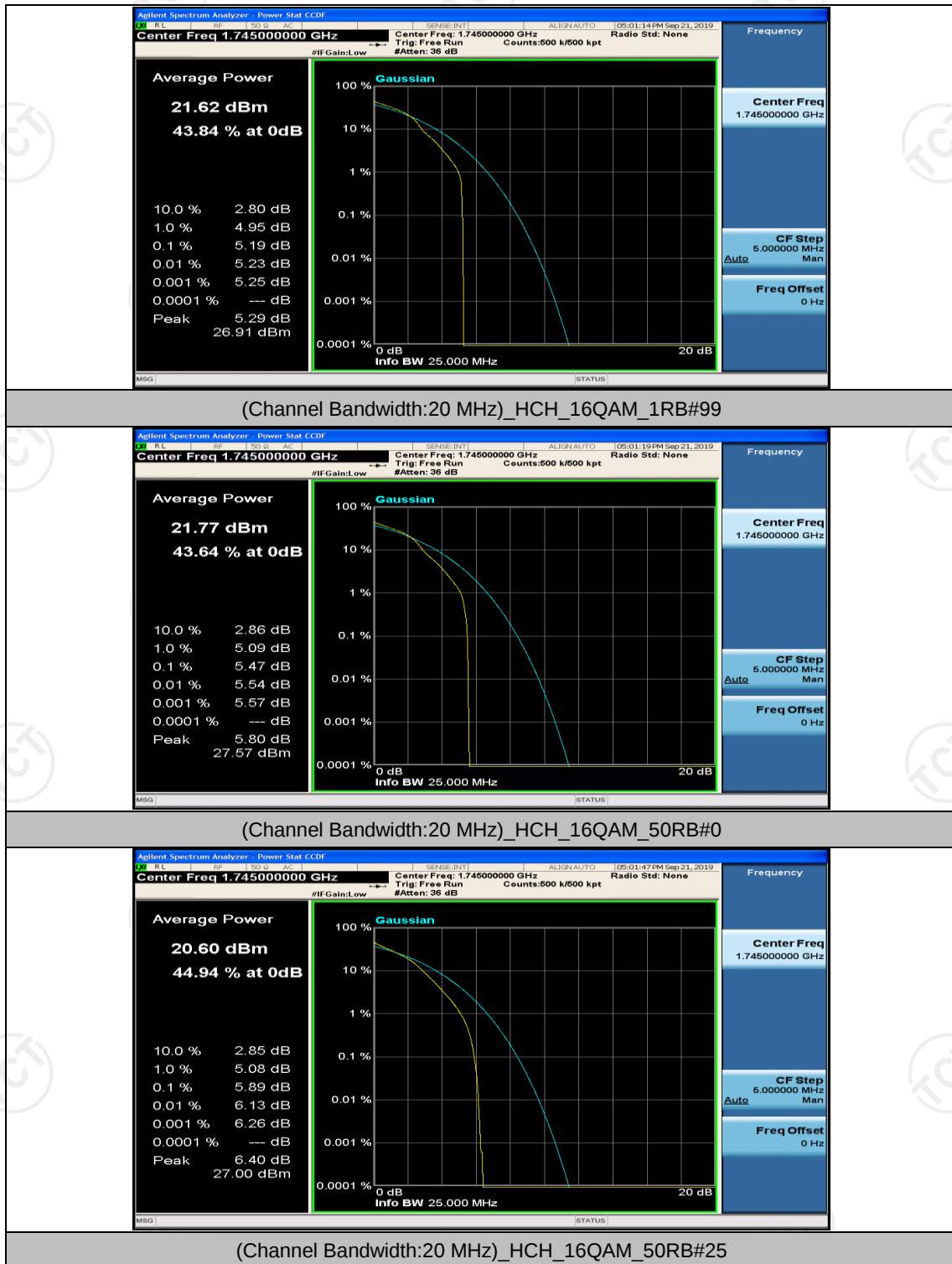
(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0

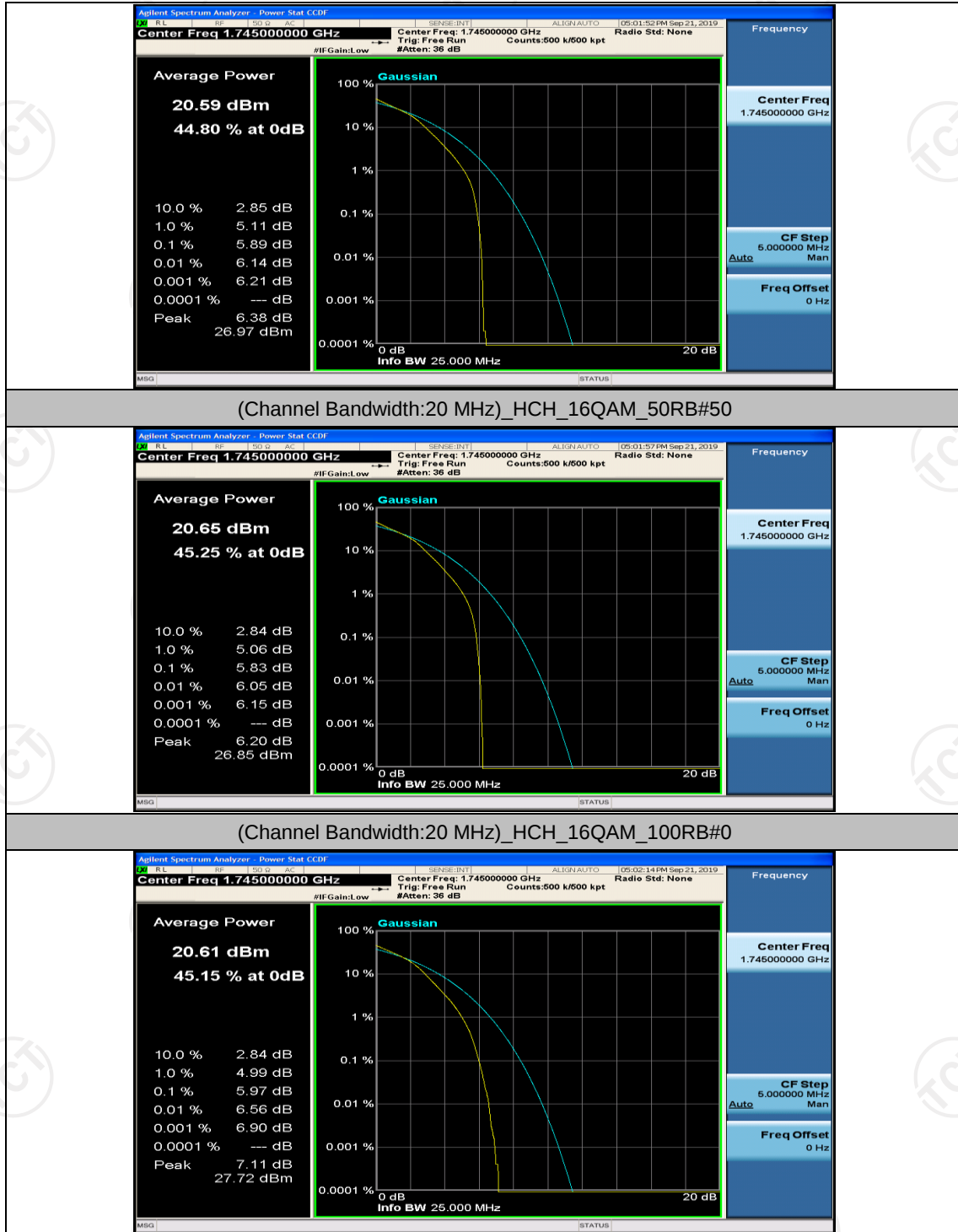


(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#49





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	0.21838	0.3378	PASS
		1	3	0.26168	0.4102	PASS
		1	5	0.21768	0.3165	PASS
		3	0	0.55291	0.7086	PASS
		3	2	0.55275	0.7084	PASS
		3	3	0.55278	0.7044	PASS
		6	0	1.0777	1.218	PASS
	MCH	1	0	0.21540	0.3339	PASS
		1	3	0.25970	0.4147	PASS
		1	5	0.21553	0.3442	PASS
		3	0	0.55153	0.7218	PASS
		3	2	0.55273	0.7108	PASS
		3	3	0.55327	0.7196	PASS
		6	0	1.0765	1.250	PASS
	HCH	1	0	0.22031	0.3413	PASS
		1	3	0.25776	0.4305	PASS
		1	5	0.21693	0.3185	PASS
		3	0	0.55174	0.7071	PASS
		3	2	0.55265	0.7155	PASS
		3	3	0.55118	0.7060	PASS
		6	0	1.0811	1.240	PASS
16QAM	LCH	1	0	0.21894	0.3187	PASS
		1	3	0.25741	0.4148	PASS
		1	5	0.21752	0.3339	PASS
		3	0	0.55208	0.6900	PASS
		3	2	0.55052	0.6821	PASS
		3	3	0.55145	0.6895	PASS
		6	0	1.0800	1.254	PASS
	MCH	1	0	0.22378	0.3223	PASS

		1	3	0.26020	0.4594	PASS
		1	5	0.22432	0.3311	PASS
		3	0	0.55205	0.7222	PASS
		3	2	0.55101	0.7459	PASS
		3	3	0.55449	0.7255	PASS
		6	0	1.0800	1.217	PASS
	HCH	1	0	0.22111	0.3343	PASS
		1	3	0.25488	0.3742	PASS
		1	5	0.21910	0.3305	PASS
		3	0	0.54857	0.6936	PASS
		3	2	0.54888	0.6936	PASS
		3	3	0.54935	0.6910	PASS
		6	0	1.0793	1.235	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	0.24797	0.3691	PASS
		1	7	0.33959	0.5777	PASS
		1	14	0.23642	0.3686	PASS
		8	0	1.4421	1.680	PASS
		8	4	1.4444	1.692	PASS
		8	7	1.4470	1.652	PASS
		15	0	2.6846	2.907	PASS
	MCH	1	0	0.23690	0.3561	PASS
		1	7	0.31087	0.4928	PASS
		1	14	0.24027	0.3492	PASS
		8	0	1.4422	1.719	PASS
		8	4	1.4436	1.649	PASS
		8	7	1.4442	1.682	PASS
		15	0	2.6860	2.910	PASS
	HCH	1	0	0.23925	0.3427	PASS
		1	7	0.32725	0.5483	PASS
		1	14	0.24004	0.3600	PASS
		8	0	1.4441	1.669	PASS
		8	4	1.4447	1.664	PASS
		8	7	1.4432	1.673	PASS

		15	0	2.6862	2.881	PASS
16QAM	LCH	1	0	0.23696	0.3540	PASS
		1	7	0.33374	0.4483	PASS
		1	14	0.24009	0.3516	PASS
		8	0	1.4488	1.654	PASS
		8	4	1.4492	1.648	PASS
		8	7	1.4504	1.662	PASS
		15	0	2.6815	2.892	PASS
	MCH	1	0	0.23863	0.3542	PASS
		1	7	0.32968	0.5281	PASS
		1	14	0.24062	0.3505	PASS
		8	0	1.4448	1.653	PASS
		8	4	1.4470	1.669	PASS
		8	7	1.4440	1.683	PASS
		15	0	2.6808	2.910	PASS
	HCH	1	0	0.24825	0.3735	PASS
		1	7	0.31860	0.5722	PASS
		1	14	0.24473	0.3648	PASS
		8	0	1.4474	1.664	PASS
		8	4	1.4476	1.690	PASS
		8	7	1.4515	1.680	PASS
		15	0	2.6822	2.908	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	0.28971	0.4513	PASS
		1	12	0.40416	0.6586	PASS
		1	24	0.29597	0.4817	PASS
		12	0	2.1798	2.577	PASS
		12	6	2.1784	2.590	PASS
		12	13	2.1735	2.568	PASS
		25	0	4.4704	4.823	PASS
	MCH	1	0	0.29253	0.4611	PASS
		1	12	0.39092	0.6326	PASS
		1	24	0.29007	0.4544	PASS
		12	0	2.1751	2.527	PASS

		12	6	2.1736	2.508	PASS
		12	13	2.1793	2.518	PASS
		25	0	4.4713	4.737	PASS
	HCH	1	0	0.29897	0.4663	PASS
		1	12	0.39584	0.6794	PASS
		1	24	0.29391	0.4626	PASS
		12	0	2.1758	2.500	PASS
		12	6	2.1754	2.518	PASS
		12	13	2.1749	2.541	PASS
		25	0	4.4767	4.795	PASS
16QAM	LCH	1	0	0.29290	0.4501	PASS
		1	12	0.43863	0.6398	PASS
		1	24	0.29738	0.4736	PASS
		12	0	2.1769	2.531	PASS
		12	6	2.1808	2.515	PASS
		12	13	2.1710	2.514	PASS
		25	0	4.4735	4.792	PASS
	MCH	1	0	0.28392	0.4561	PASS
		1	12	0.38746	0.5859	PASS
		1	24	0.29273	0.4698	PASS
		12	0	2.1646	2.485	PASS
		12	6	2.1706	2.502	PASS
		12	13	2.1672	2.456	PASS
		25	0	4.4659	4.819	PASS
	HCH	1	0	0.30670	0.4776	PASS
		1	12	0.42357	0.7338	PASS
		1	24	0.30305	0.4553	PASS
		12	0	2.1745	2.511	PASS
		12	6	2.1764	2.536	PASS
		12	13	2.1727	2.542	PASS
		25	0	4.4682	4.804	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	0.39523	0.5740	PASS
		1	25	0.47797	0.7580	PASS
		1	49	0.38408	0.5600	PASS
		25	0	4.5154	4.978	PASS

		25	12	4.5052	4.945	PASS
		25	25	4.5165	4.954	PASS
		50	0	8.9463	9.397	PASS
	MCH	1	0	0.38771	0.5709	PASS
		1	25	0.48226	0.7431	PASS
		1	49	0.38902	0.5609	PASS
		25	0	4.5059	4.872	PASS
		25	12	4.5064	4.963	PASS
		25	25	4.5023	4.954	PASS
		50	0	8.9302	9.394	PASS
	HCH	1	0	0.38713	0.5807	PASS
		1	25	0.49829	0.7822	PASS
		1	49	0.39484	0.6011	PASS
		25	0	4.5101	5.024	PASS
		25	12	4.5078	5.074	PASS
		25	25	4.5167	4.933	PASS
		50	0	8.9191	9.478	PASS
16QAM	LCH	1	0	0.38402	0.5536	PASS
		1	25	0.47563	0.7118	PASS
		1	49	0.39167	0.6042	PASS
		25	0	4.5103	4.935	PASS
		25	12	4.5086	4.958	PASS
		25	25	4.5057	4.951	PASS
		50	0	8.9162	9.408	PASS
	MCH	1	0	0.39130	0.5834	PASS
		1	25	0.48304	0.7022	PASS
		1	49	0.38668	0.5644	PASS
		25	0	4.5101	4.946	PASS
		25	12	4.5039	4.924	PASS
		25	25	4.4993	5.027	PASS
		50	0	8.9197	9.385	PASS
	HCH	1	0	0.38753	0.5788	PASS
		1	25	0.47578	0.7651	PASS
		1	49	0.38791	0.5522	PASS
		25	0	4.5083	5.036	PASS
		25	12	4.5123	4.992	PASS
		25	25	4.5157	5.036	PASS
		50	0	8.9233	9.380	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	0.49845	0.7213	PASS
		1	37	0.60328	0.8851	PASS
		1	74	0.49466	0.7661	PASS
		37	0	13.360	14.03	PASS
		37	18	13.366	14.03	PASS
		37	38	13.367	14.02	PASS
		75	0	13.350	14.07	PASS
	MCH	1	0	0.51656	0.7222	PASS
		1	37	0.57970	0.8811	PASS
		1	74	0.48780	0.7203	PASS
		37	0	13.362	14.01	PASS
		37	18	13.365	14.04	PASS
		37	38	13.356	14.07	PASS
		75	0	13.358	14.07	PASS
	HCH	1	0	0.49362	0.7200	PASS
		1	37	0.60846	0.8673	PASS
		1	74	0.49304	0.7529	PASS
		37	0	13.369	14.01	PASS
		37	18	13.371	13.96	PASS
		37	38	13.363	14.00	PASS
		75	0	13.372	13.97	PASS
16QAM	LCH	1	0	0.51184	0.7542	PASS
		1	37	0.58382	0.8211	PASS
		1	74	0.49539	0.7138	PASS
		37	0	13.372	14.10	PASS
		37	18	13.373	14.00	PASS
		37	38	13.357	14.15	PASS
		75	0	13.346	13.99	PASS
	MCH	1	0	0.49651	0.7166	PASS
		1	37	0.58173	0.8036	PASS
		1	74	0.48865	0.6690	PASS
		37	0	13.350	14.00	PASS
		37	18	13.357	14.01	PASS
		37	38	13.361	14.10	PASS
		75	0	13.355	14.04	PASS
	HCH	1	0	0.50248	0.7699	PASS

		1	37	0.58347	0.9013	PASS
		1	74	0.49409	0.7436	PASS
		37	0	13.354	13.95	PASS
		37	18	13.373	14.00	PASS
		37	38	13.364	13.96	PASS
		75	0	13.362	14.02	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	0.59364	0.8505	PASS
		1	50	0.61262	0.8367	PASS
		1	99	0.56025	0.7895	PASS
		50	0	8.9899	9.647	PASS
		50	25	8.9793	9.690	PASS
		50	50	8.9756	9.719	PASS
		100	0	17.812	18.54	PASS
	MCH	1	0	0.58209	0.8282	PASS
		1	50	0.62542	0.8812	PASS
		1	99	0.58236	0.8727	PASS
		50	0	8.9844	9.682	PASS
		50	25	8.9787	9.666	PASS
		50	50	8.9823	9.695	PASS
		100	0	17.830	18.56	PASS
	HCH	1	0	0.59244	0.7839	PASS
		1	50	0.63411	0.8624	PASS
		1	99	0.57564	0.8190	PASS
		50	0	9.0064	9.764	PASS
		50	25	9.0081	9.709	PASS
		50	50	8.9820	9.636	PASS
		100	0	17.806	18.68	PASS
16QAM	LCH	1	0	0.60018	0.7926	PASS
		1	50	0.66533	0.9664	PASS
		1	99	0.57361	0.8190	PASS
		50	0	8.9885	9.646	PASS
		50	25	8.9968	9.646	PASS
		50	50	8.9967	9.687	PASS
		100	0	17.799	18.54	PASS

	MCH	1	0	0.59153	0.8401	PASS
		1	50	0.68512	0.9669	PASS
		1	99	0.59575	0.8825	PASS
		50	0	8.9837	9.768	PASS
		50	25	8.9968	9.743	PASS
		50	50	8.9875	9.693	PASS
		100	0	17.831	18.56	PASS
	HCH	1	0	0.58186	0.8280	PASS
		1	50	0.65209	0.9008	PASS
		1	99	0.59265	0.8392	PASS
		50	0	8.9996	9.611	PASS
		50	25	8.9962	9.621	PASS
		50	50	8.9856	9.596	PASS
		100	0	17.833	18.62	PASS

Test Graphs

Channel Bandwidth: 1.4 MHz

