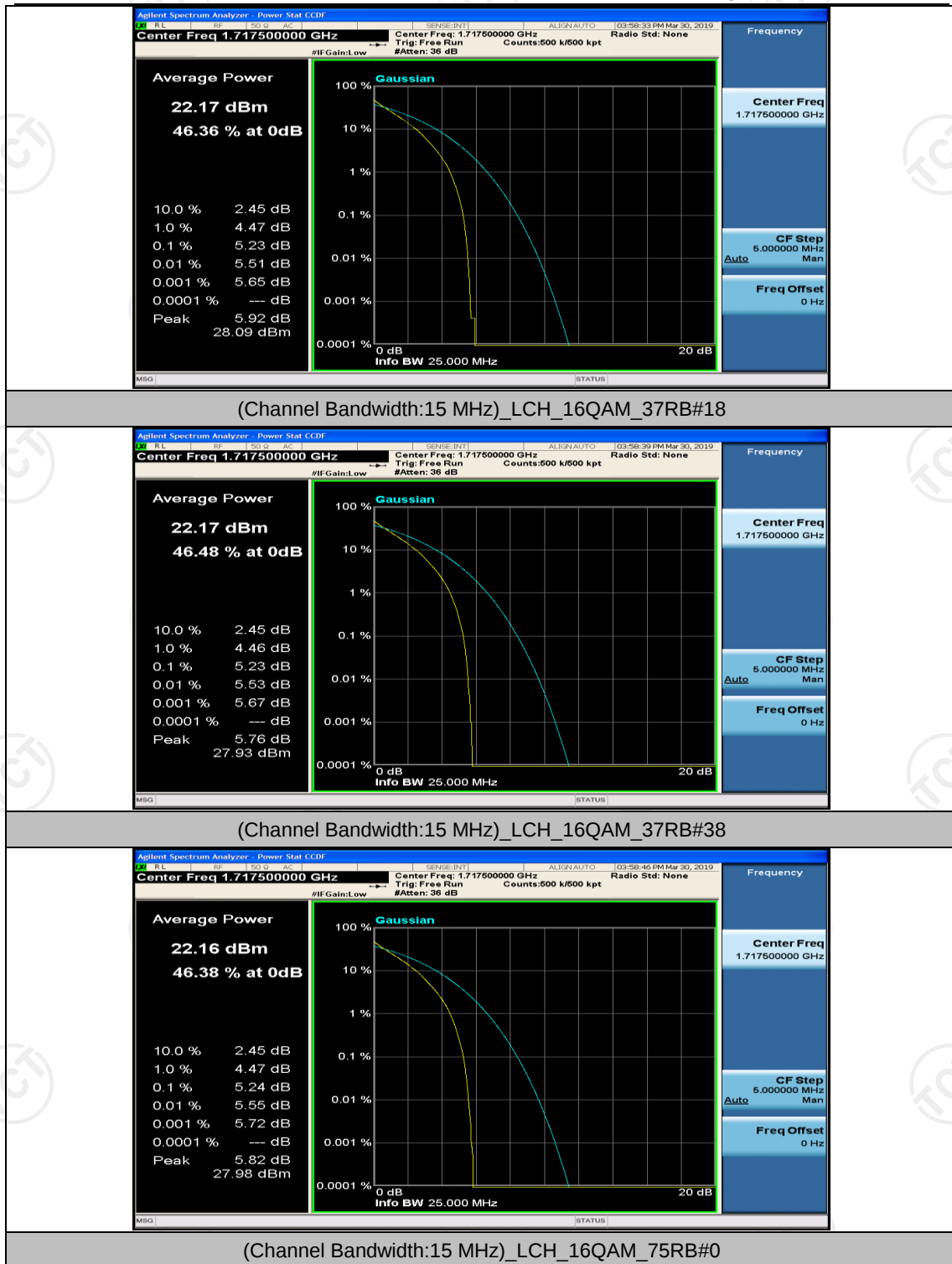
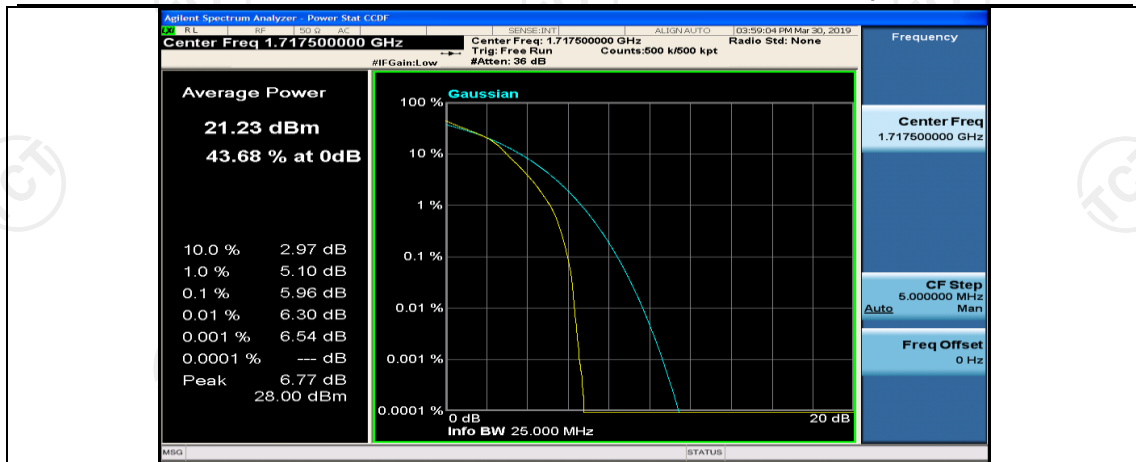
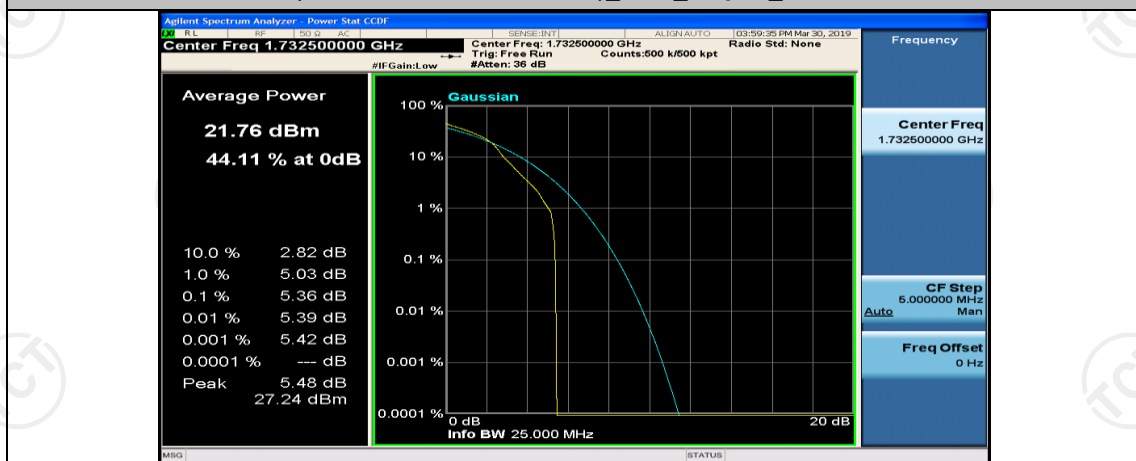


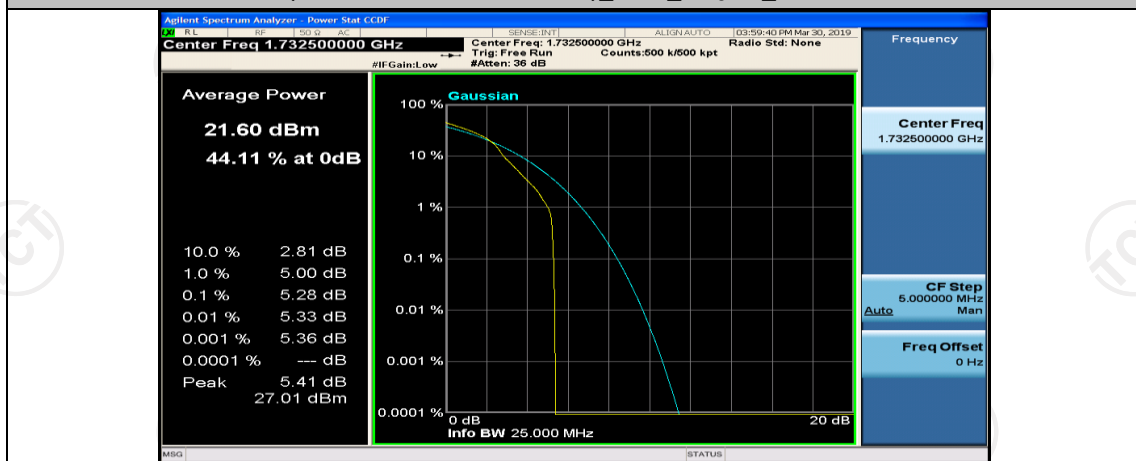




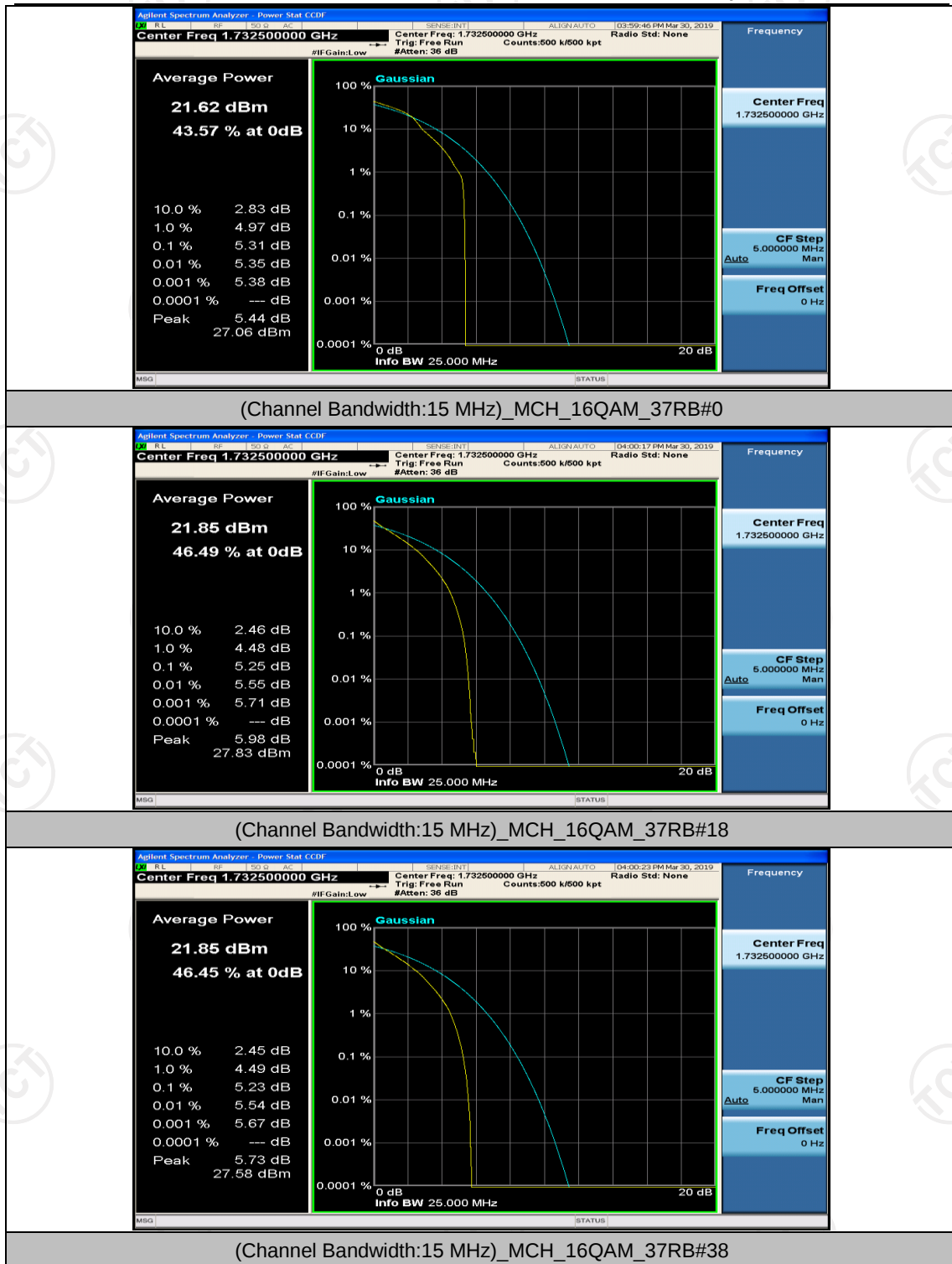
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0

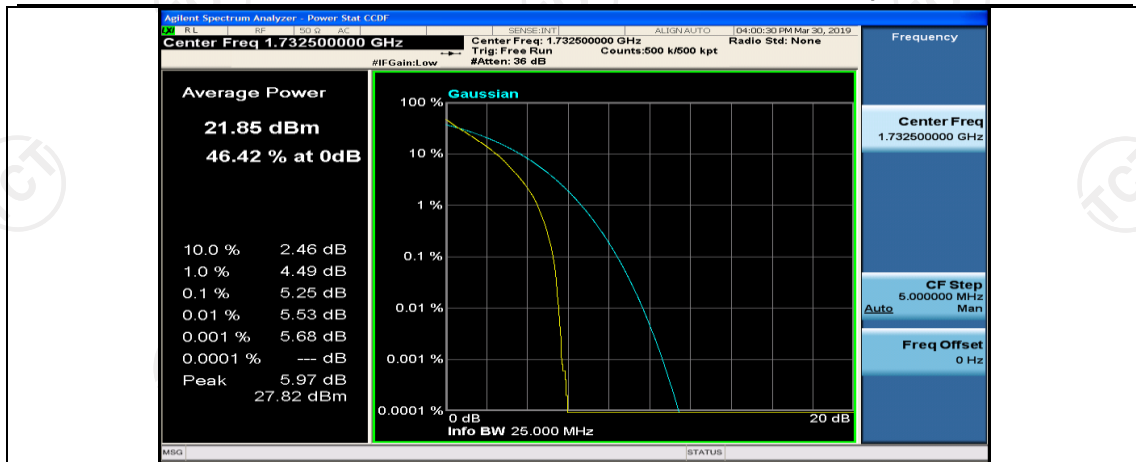


(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37

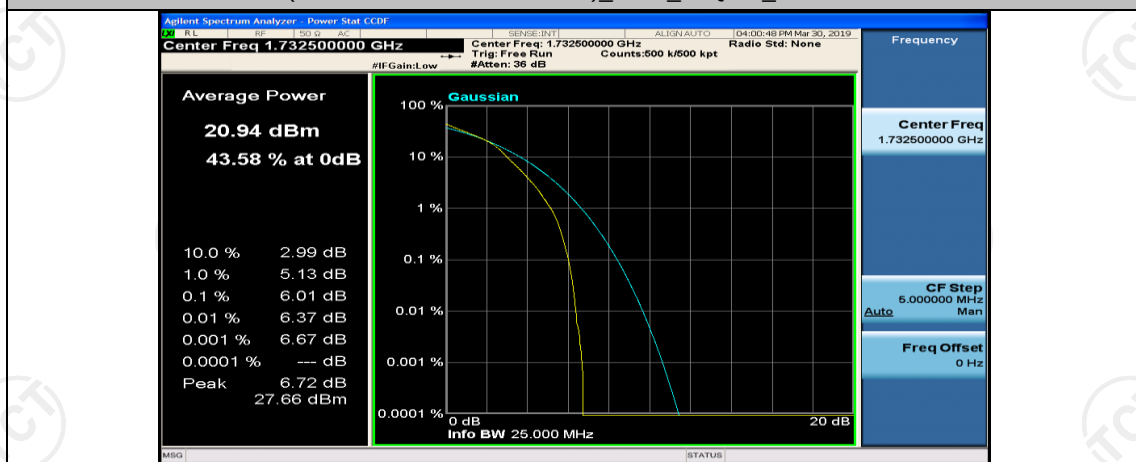


(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#74

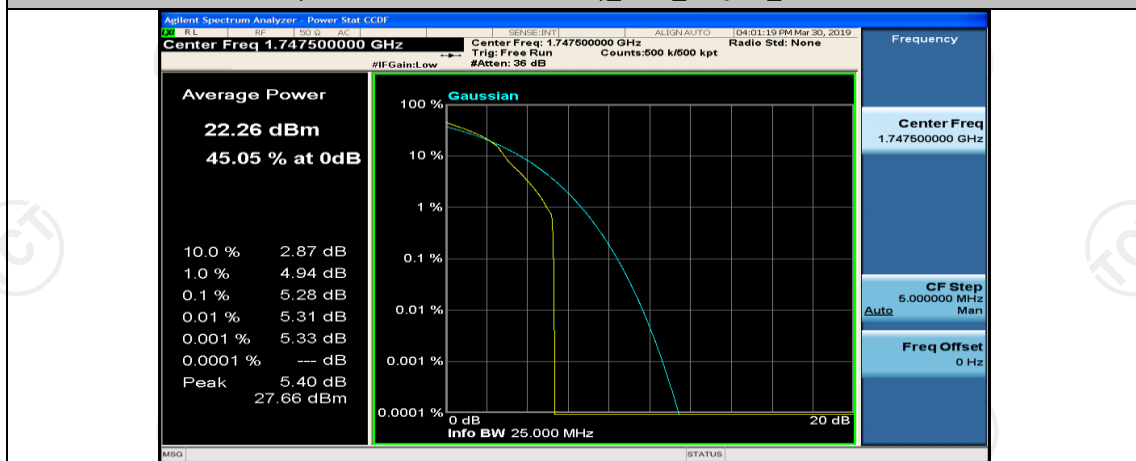




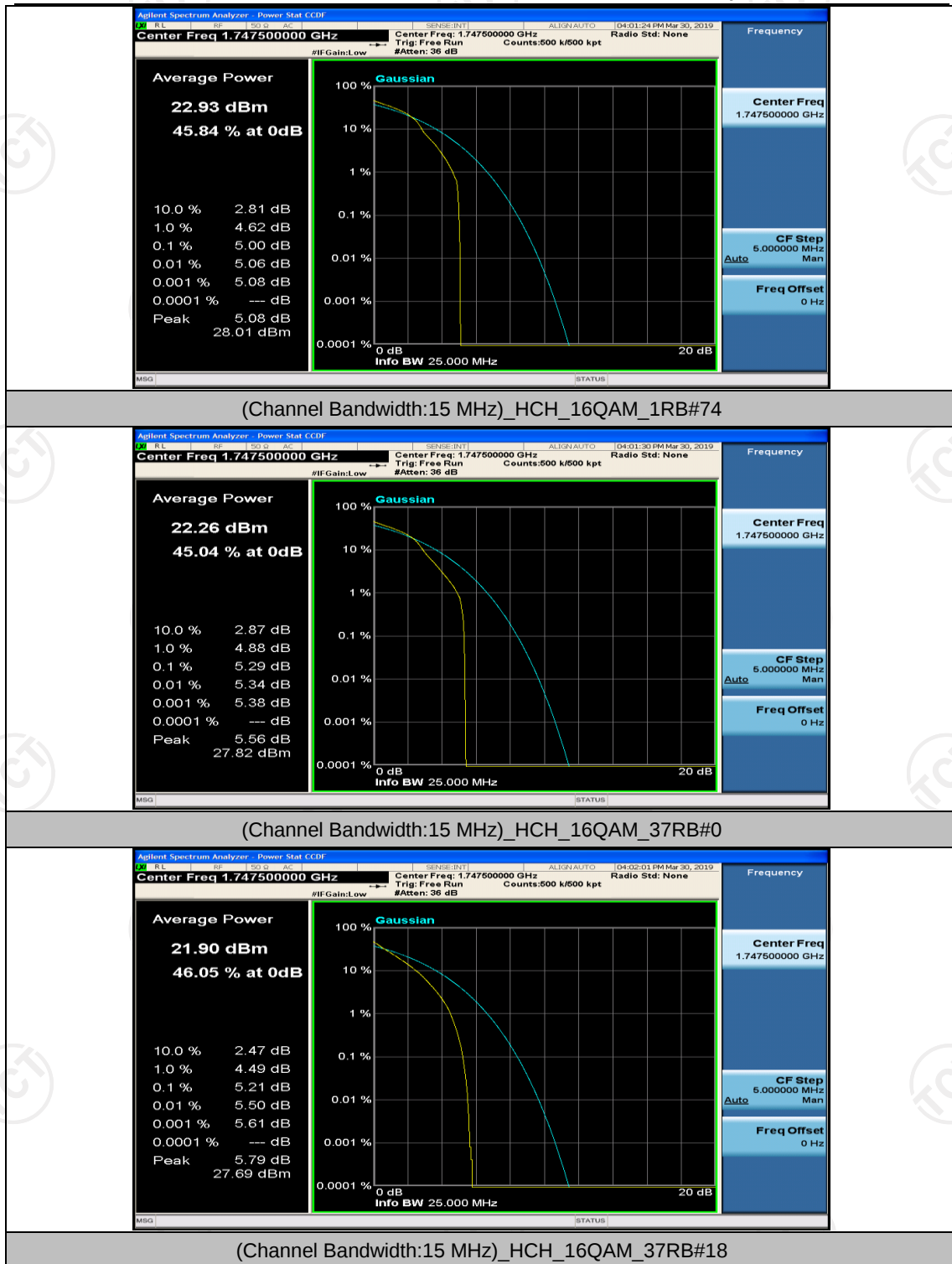
(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0

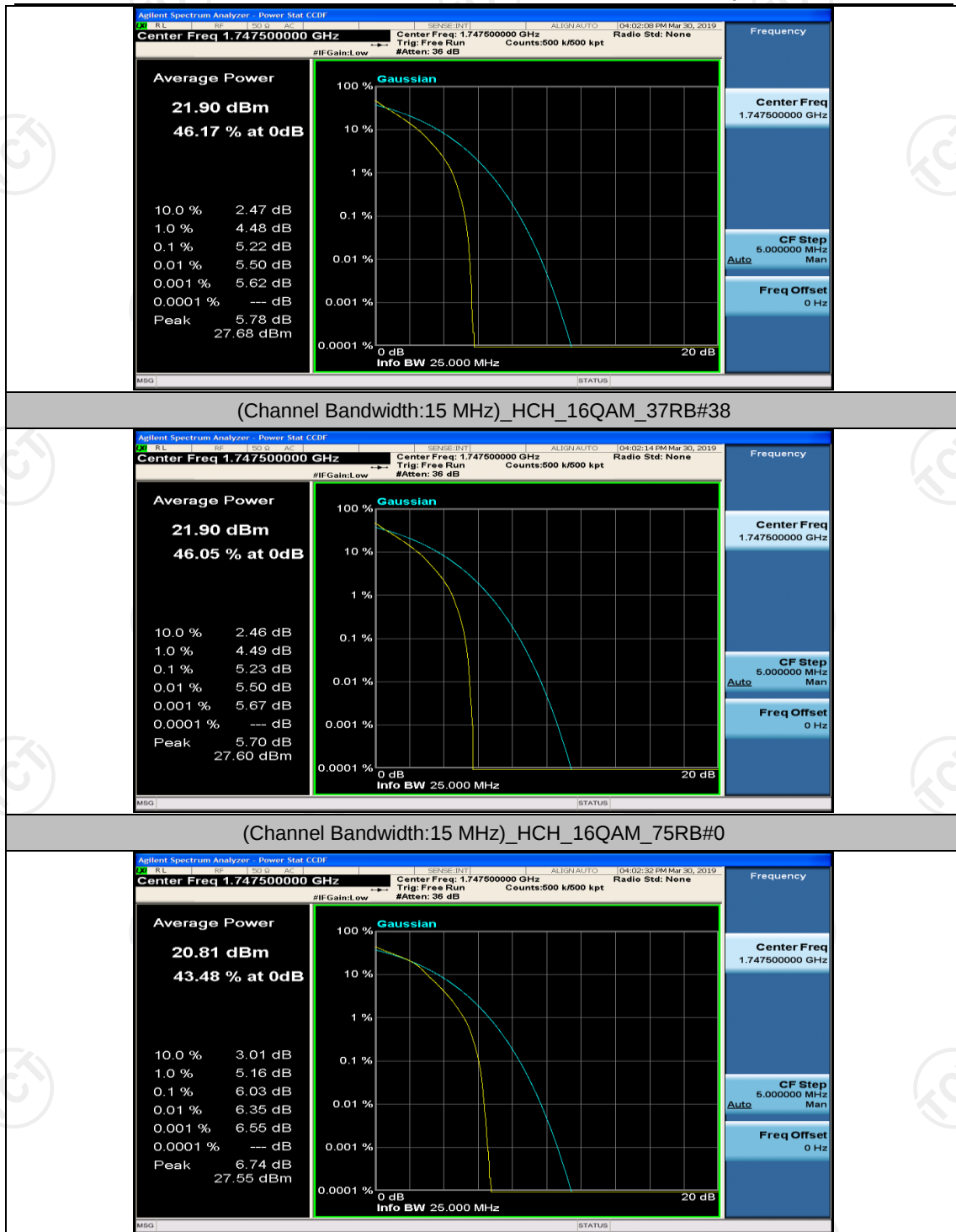


(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0



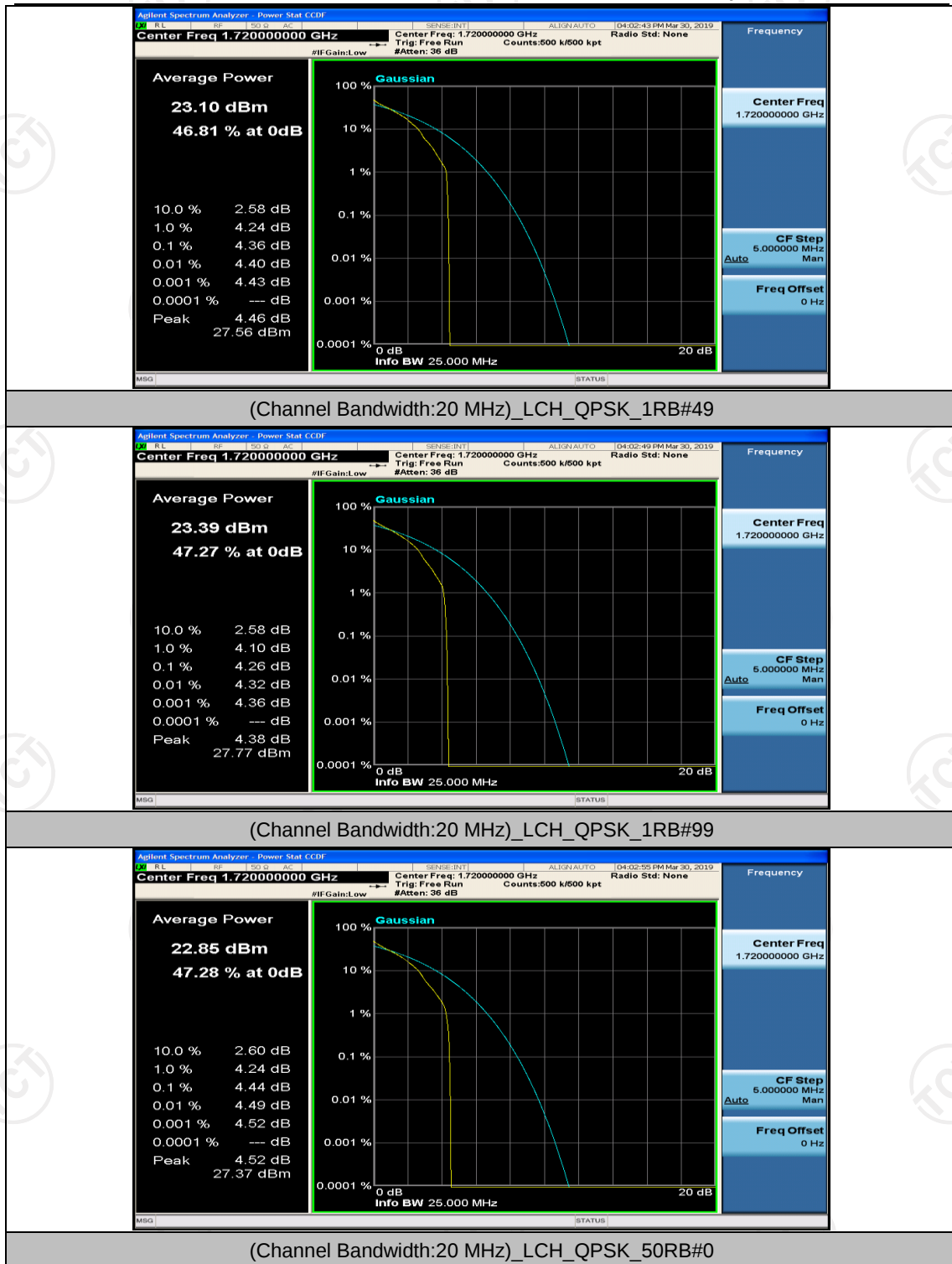
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37

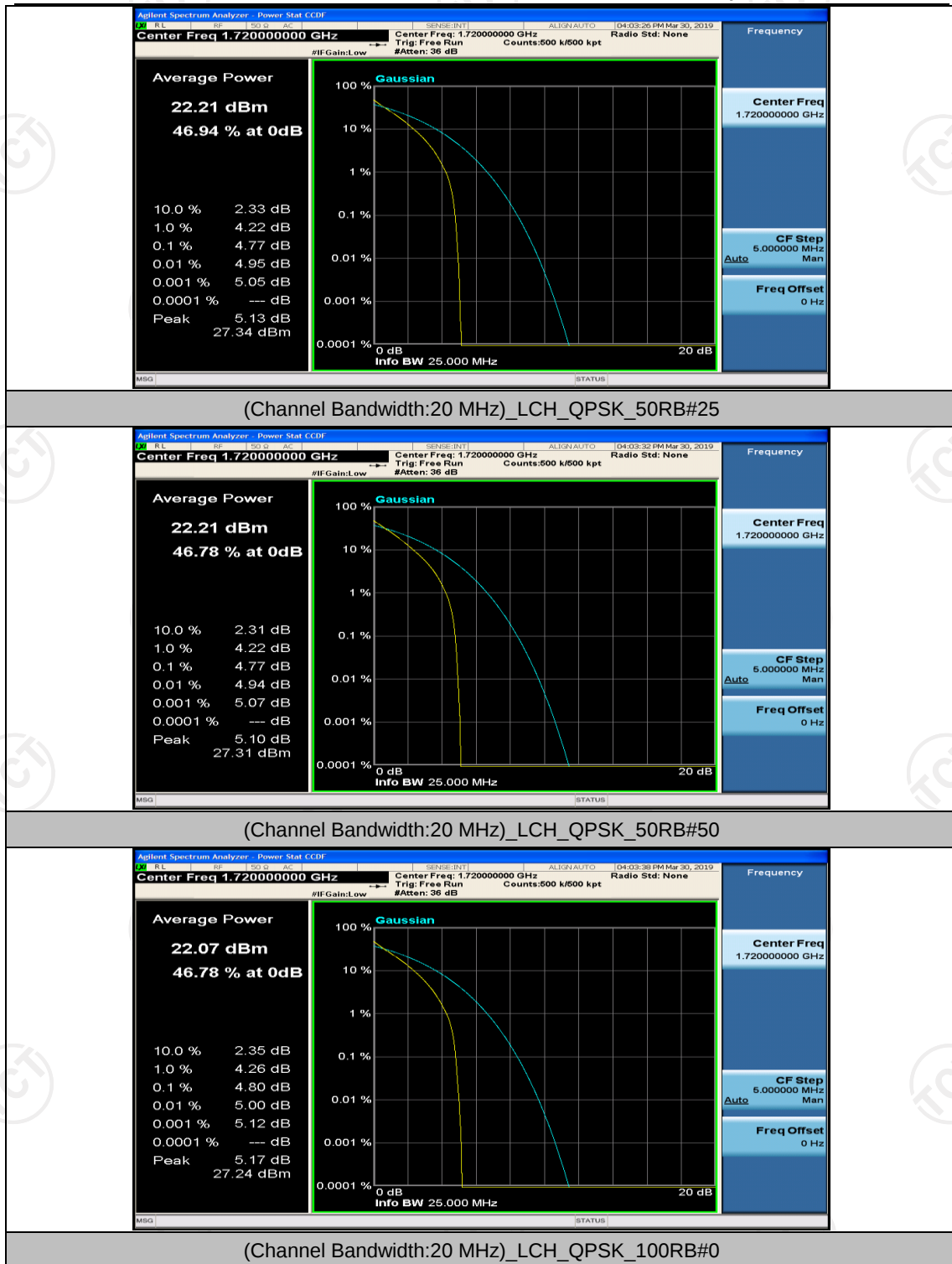


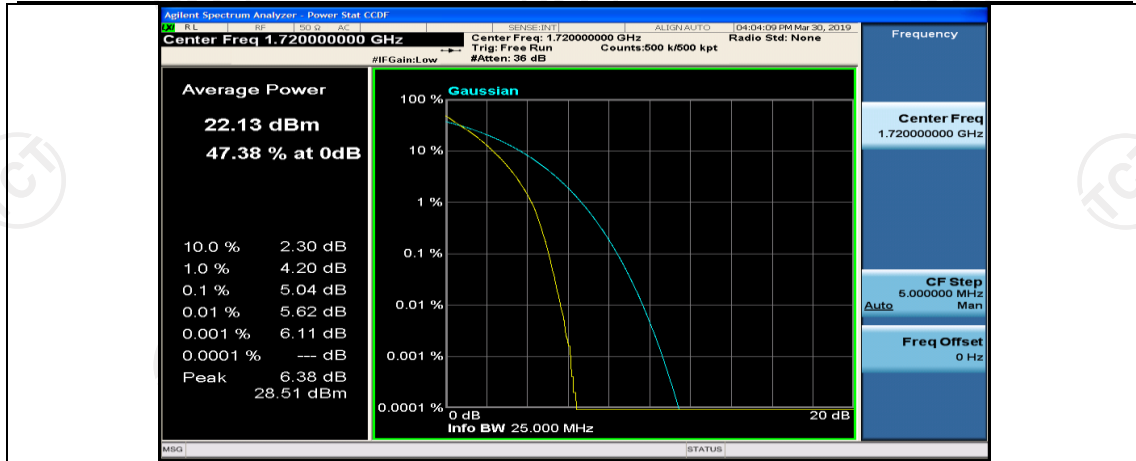


Channel Bandwidth: 20 MHz

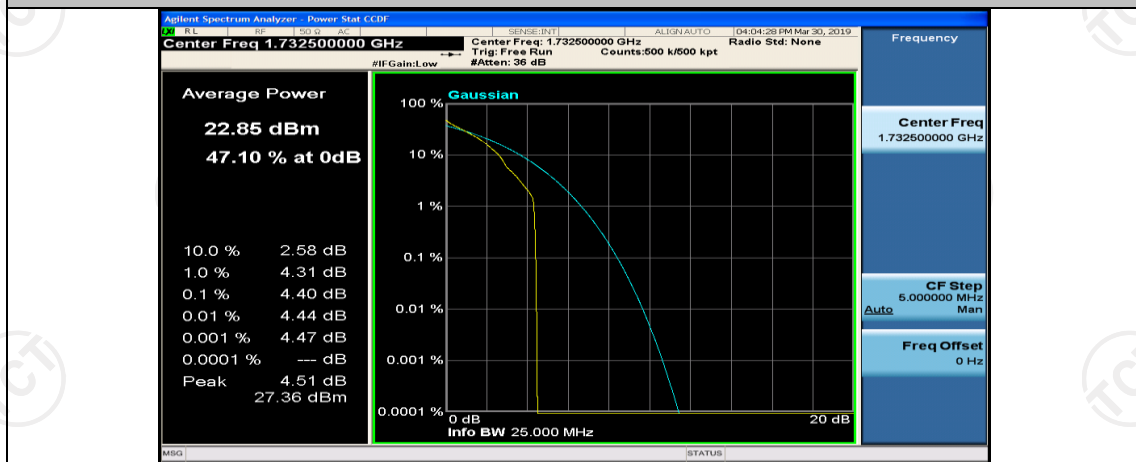
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#0



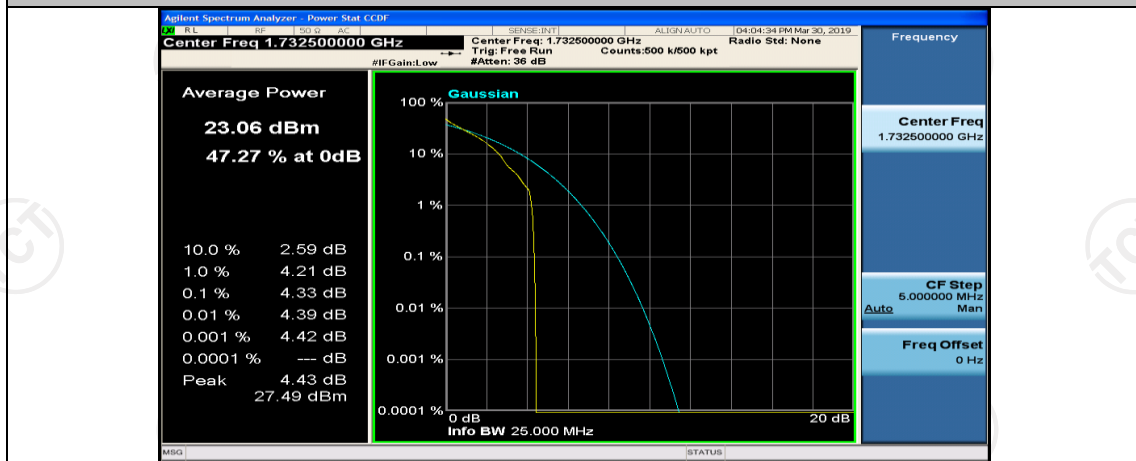




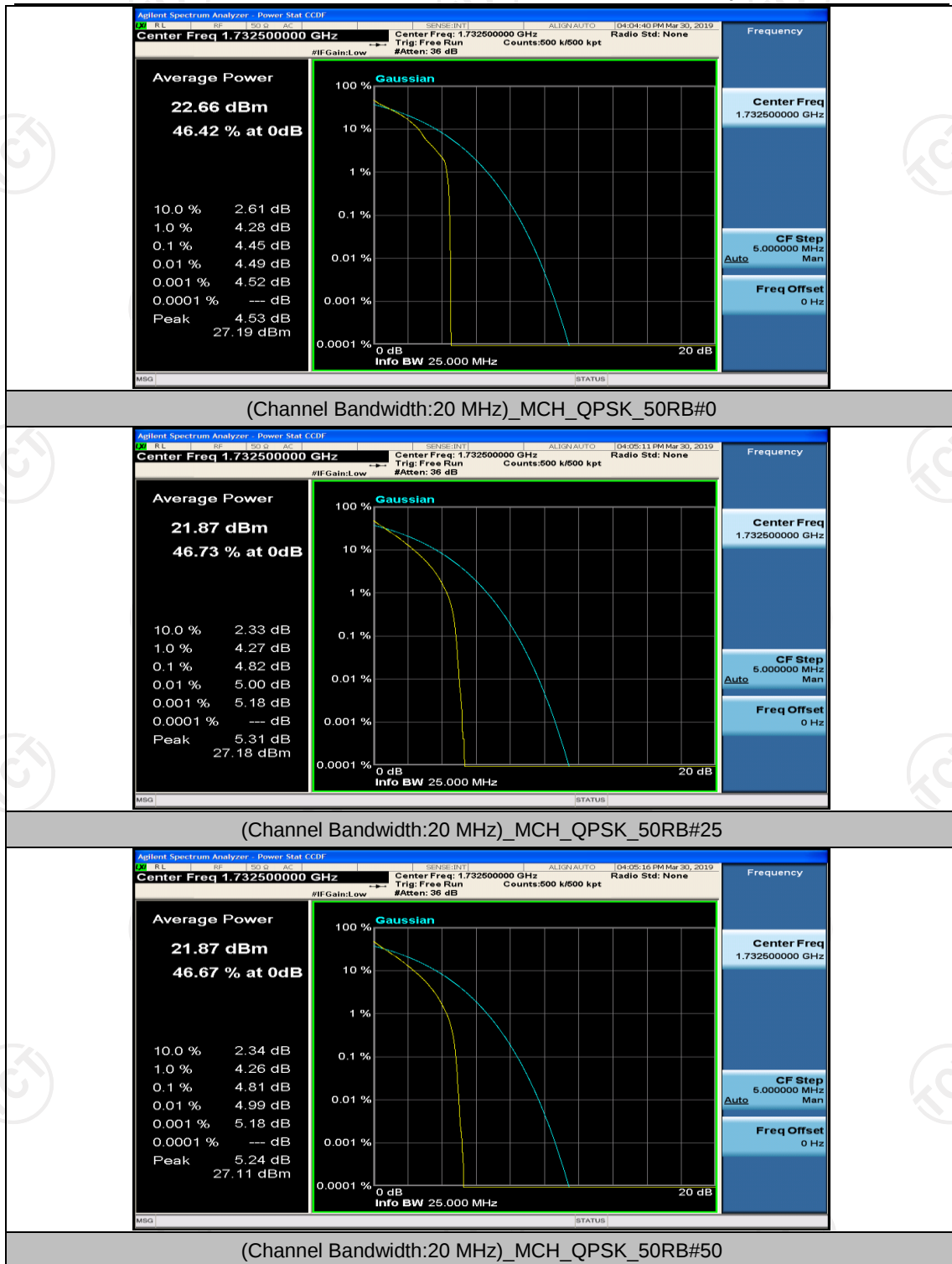
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0

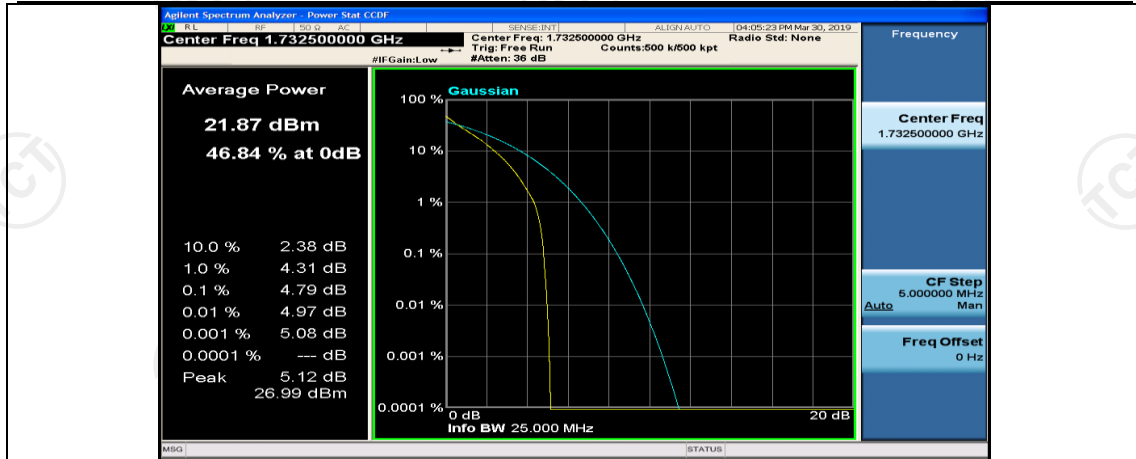


(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49

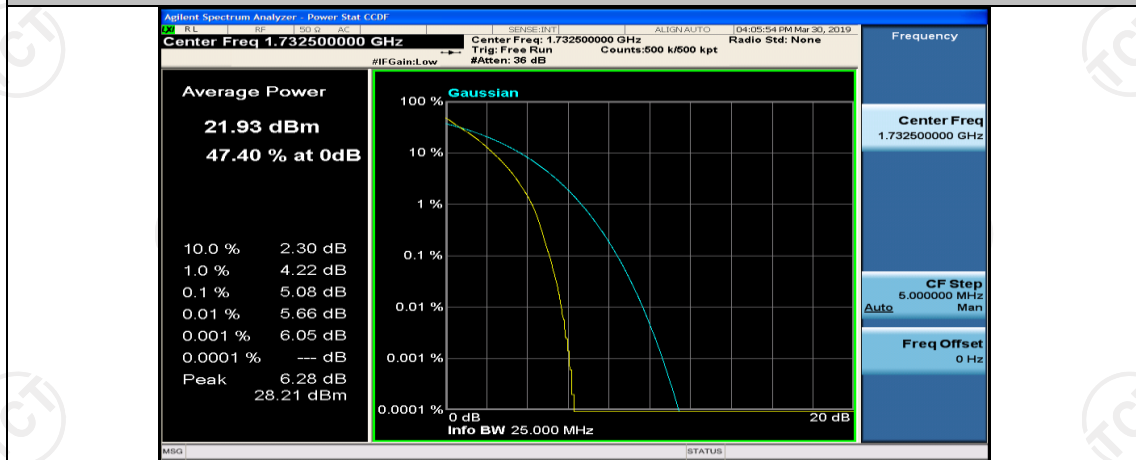


(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#99

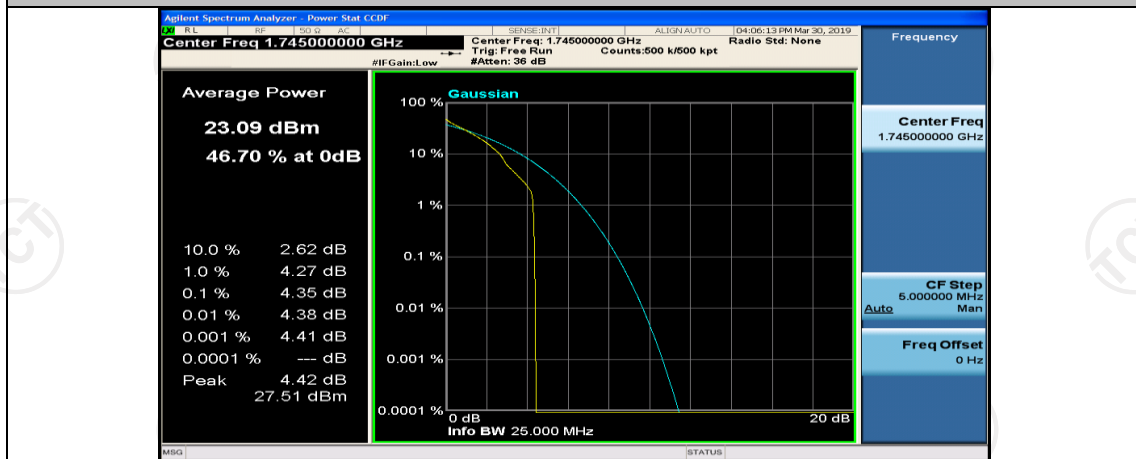




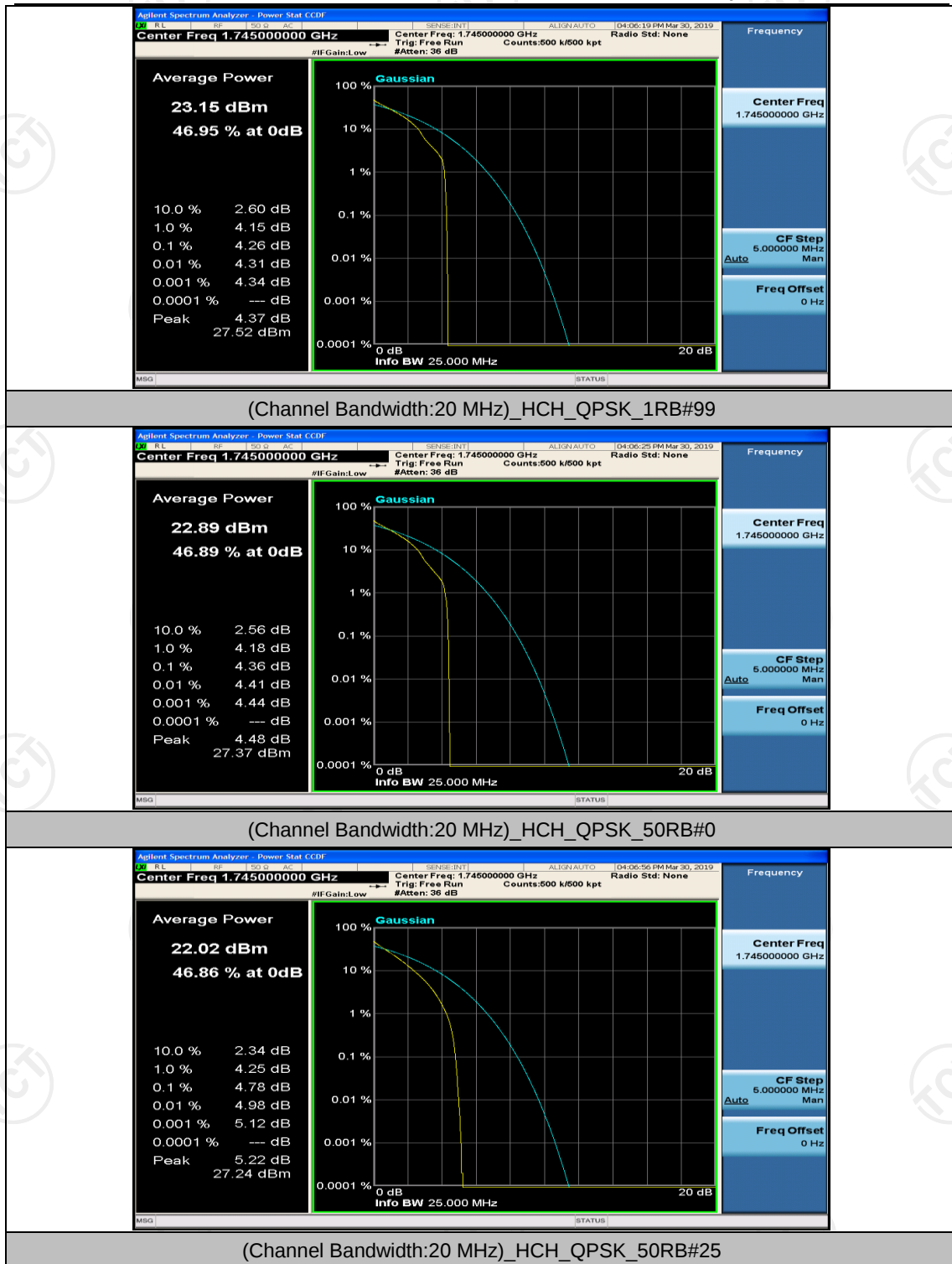
(Channel Bandwidth:20 MHz)_MCH_QPSK_100RB#0

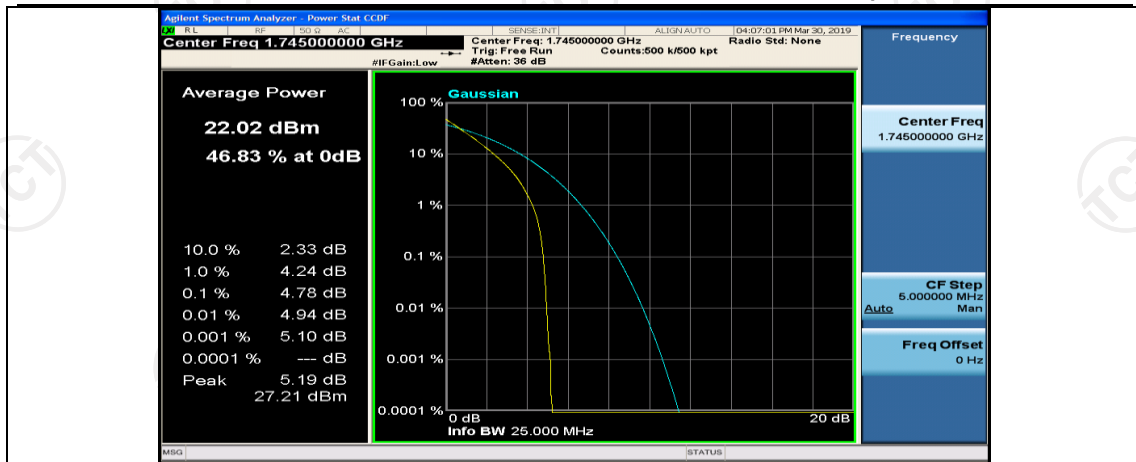


(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0

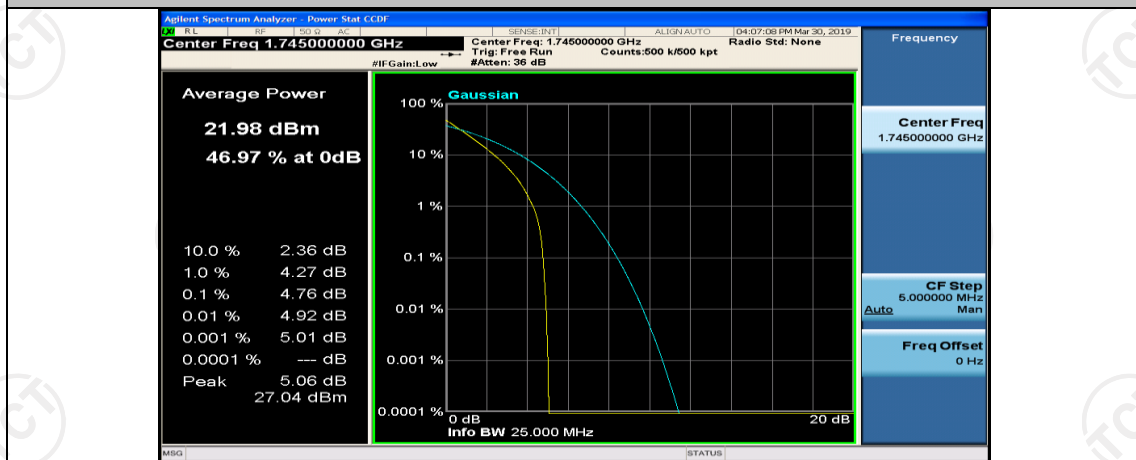


(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49

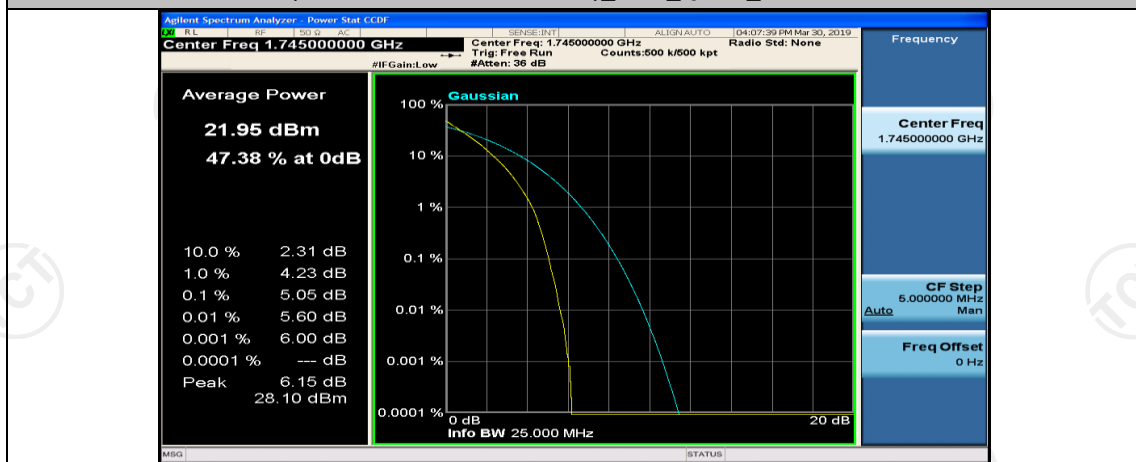




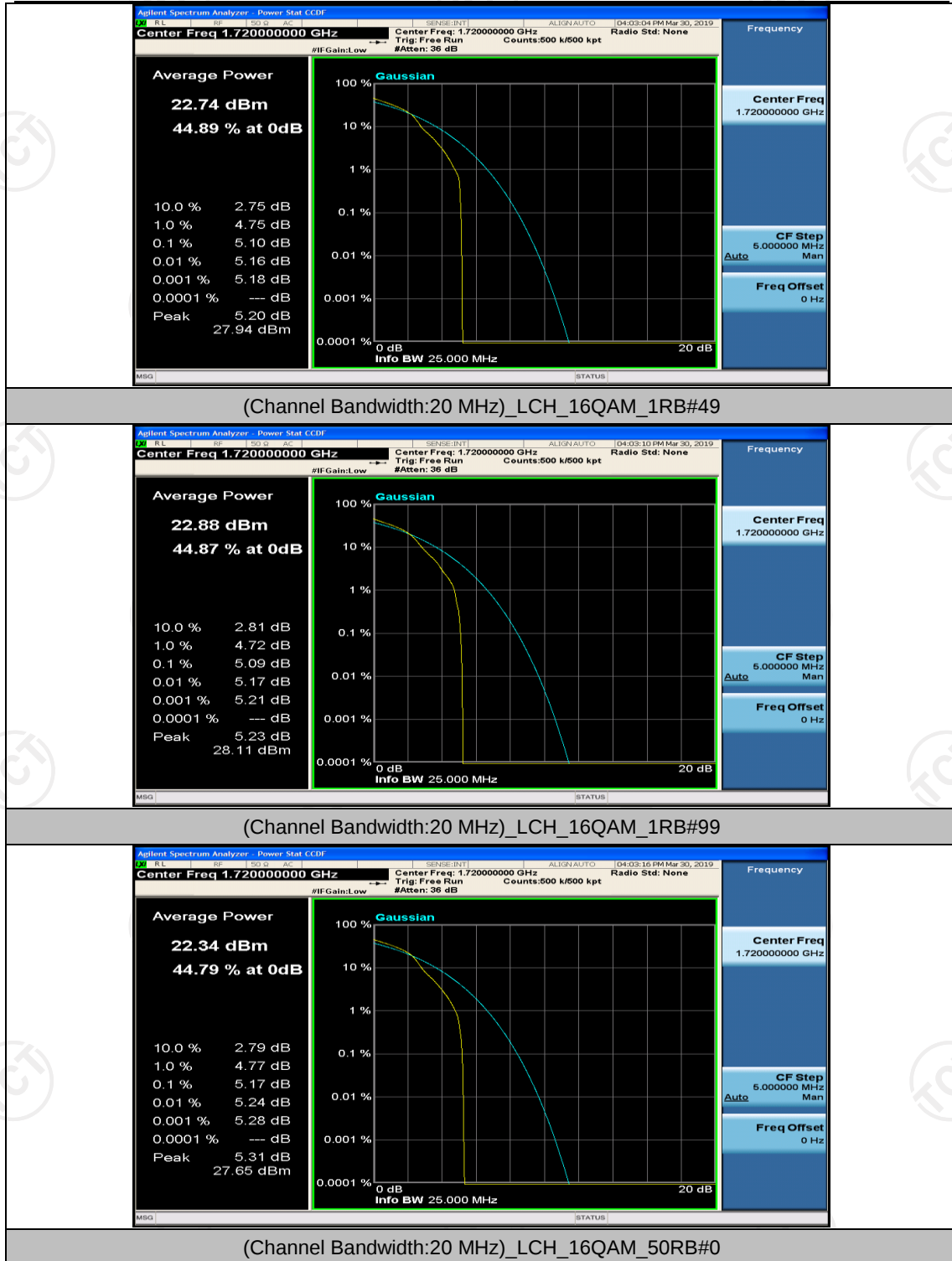
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#50

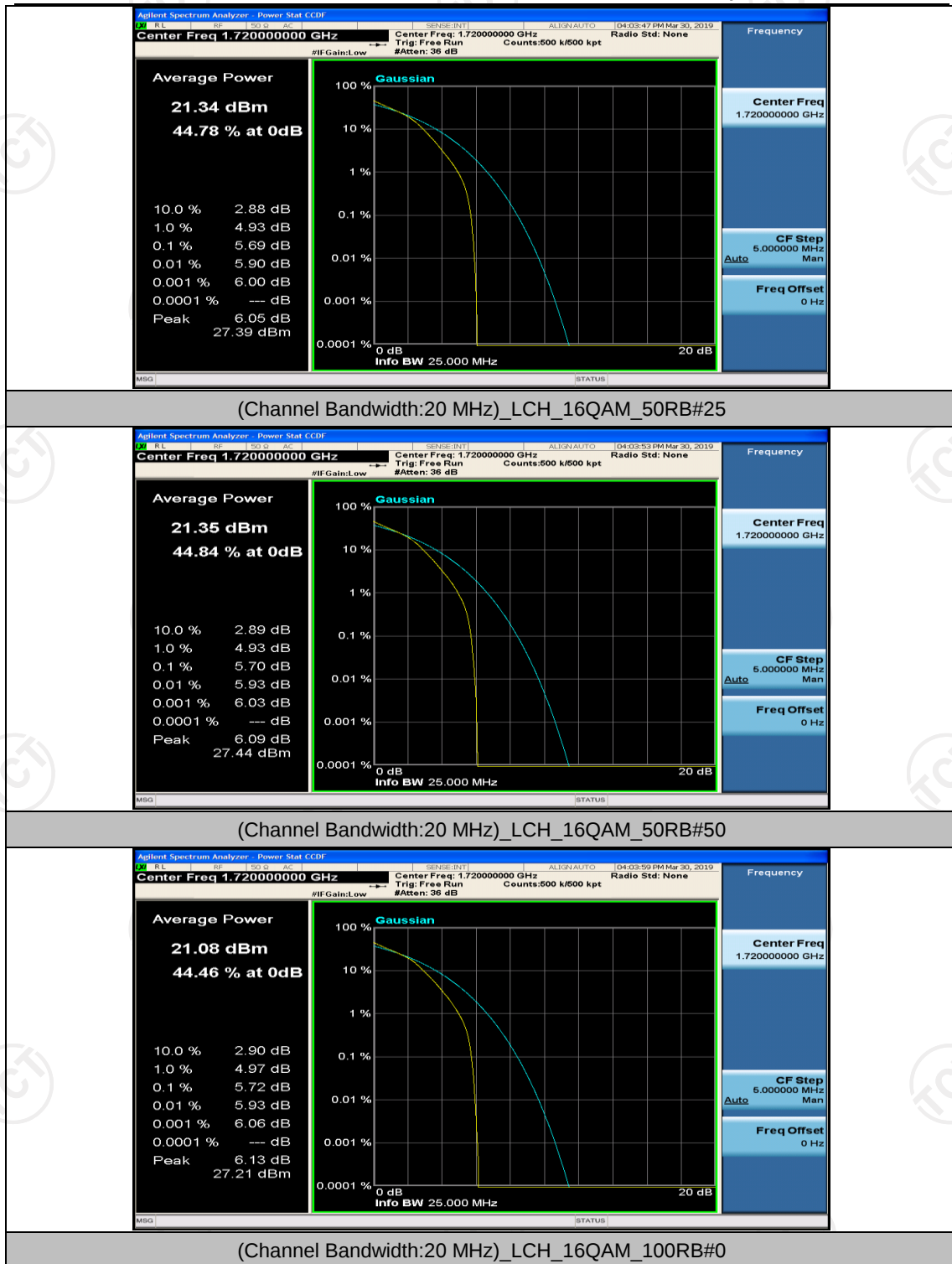


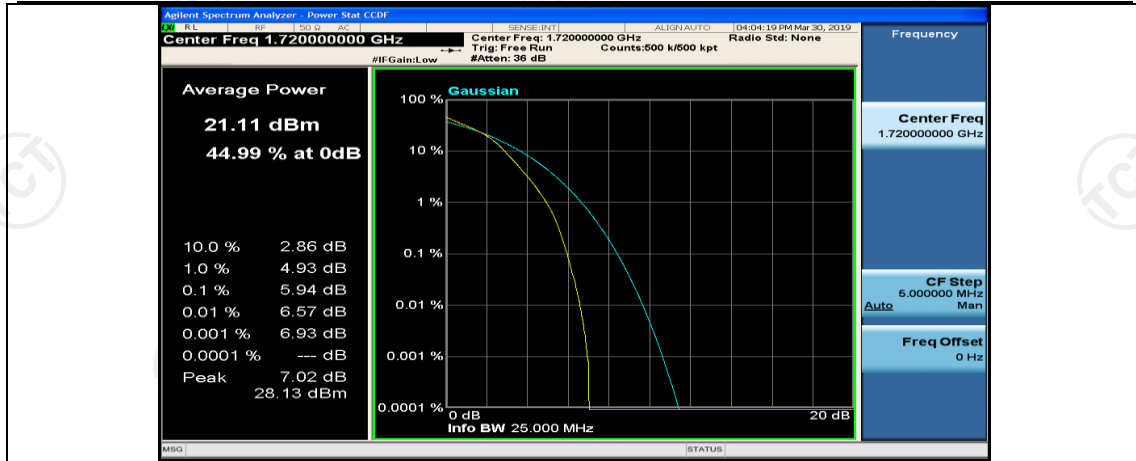
(Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0



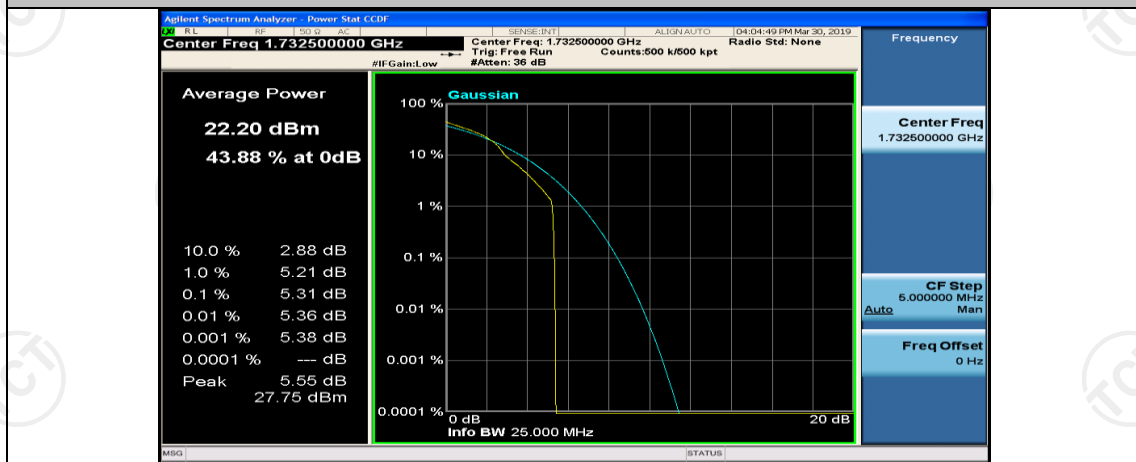
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0



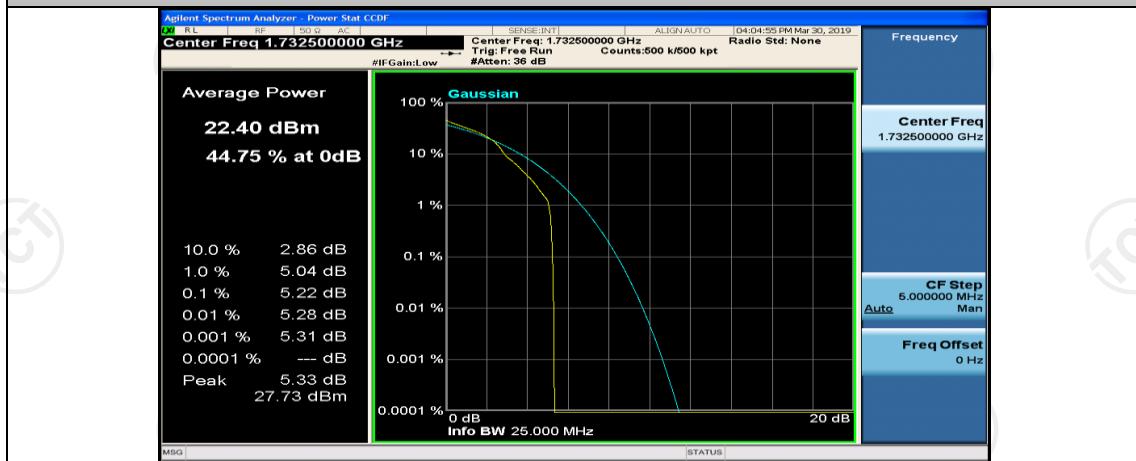




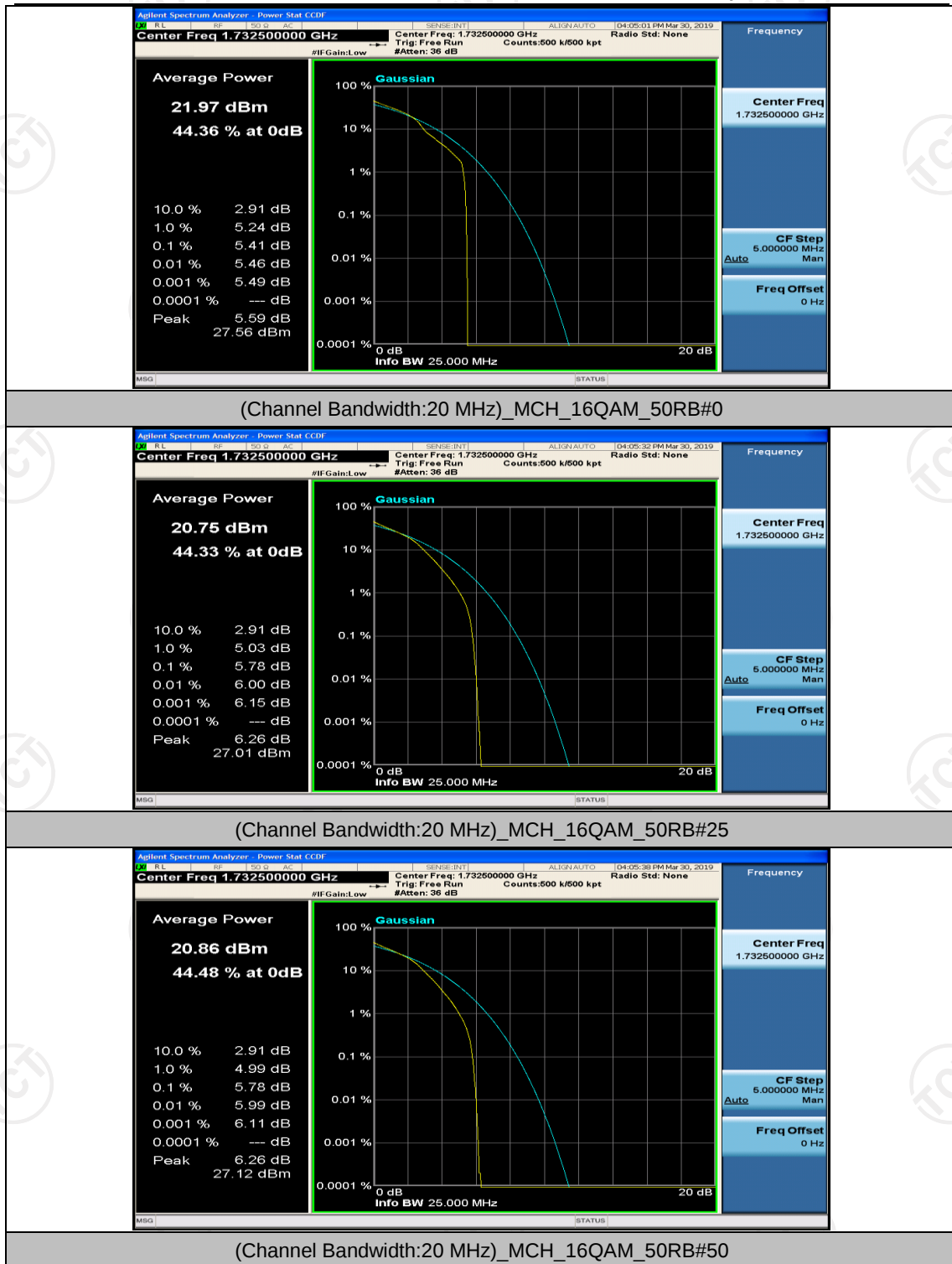
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0

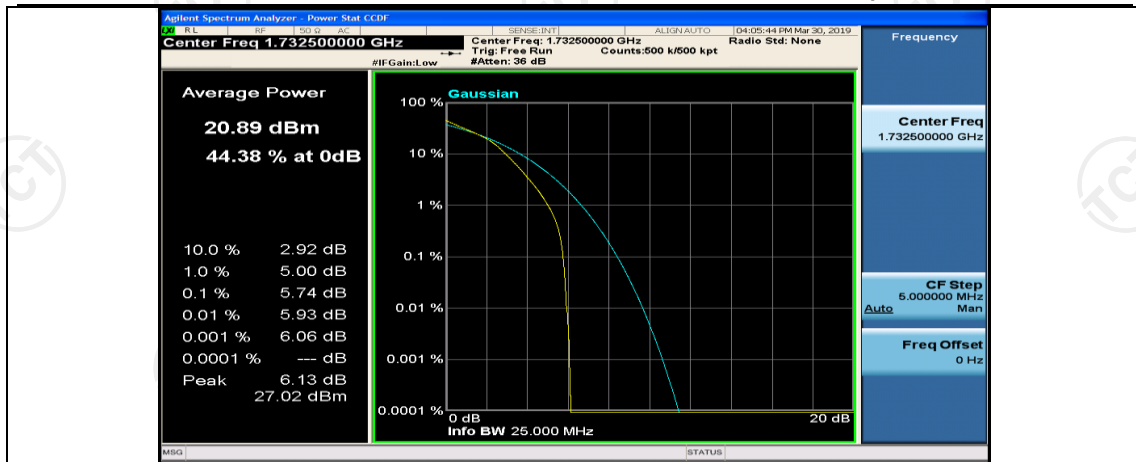


(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49

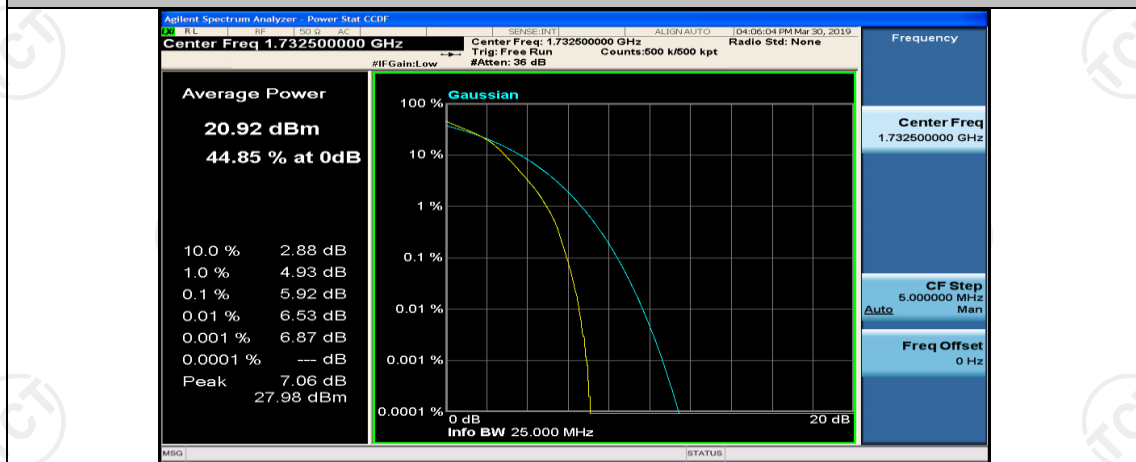


(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#99

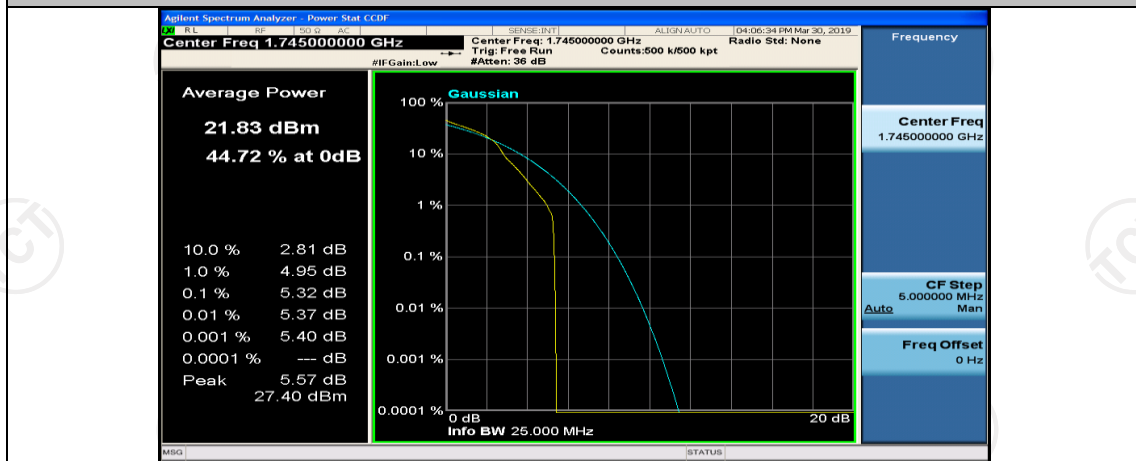




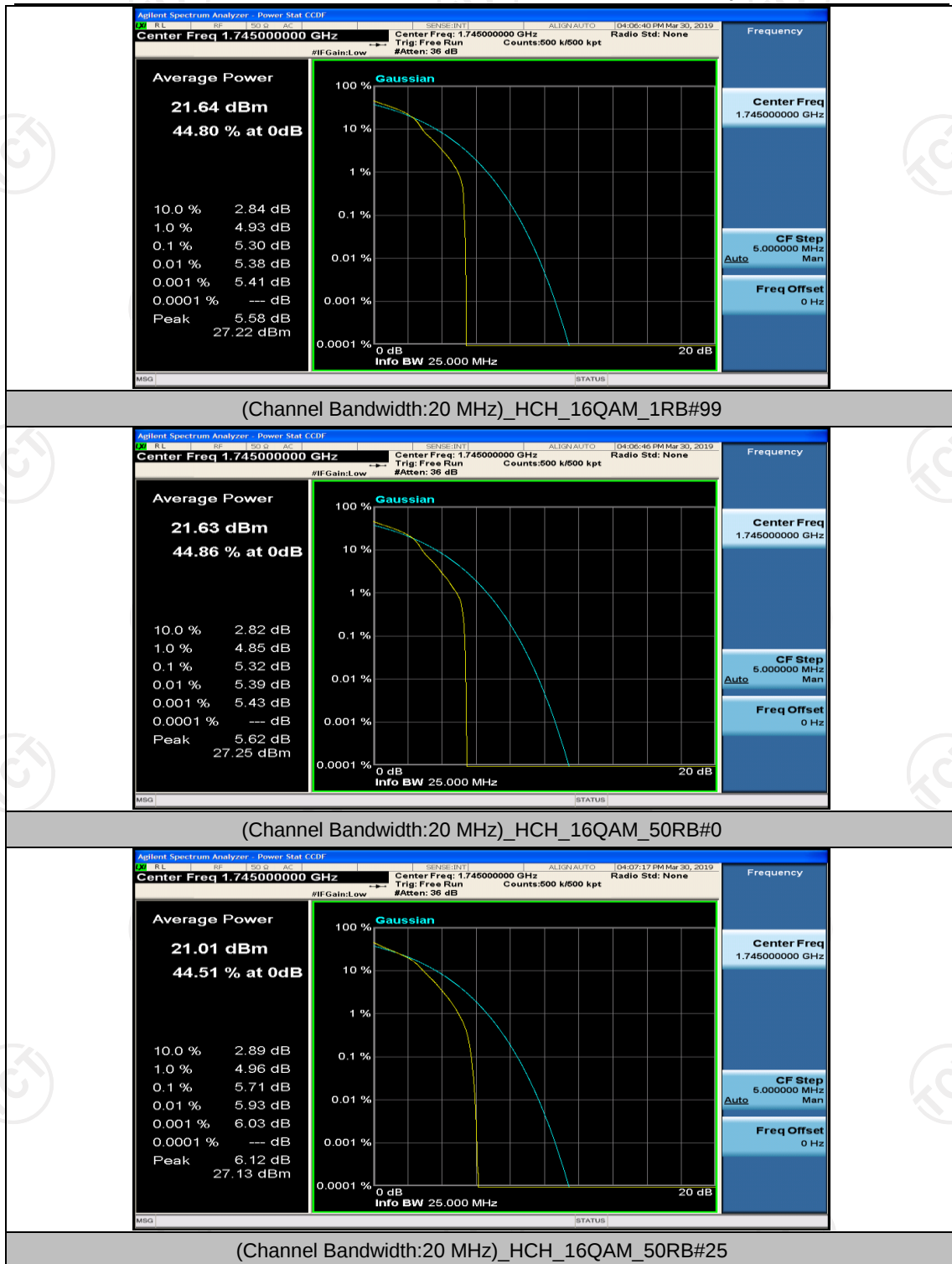
(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0

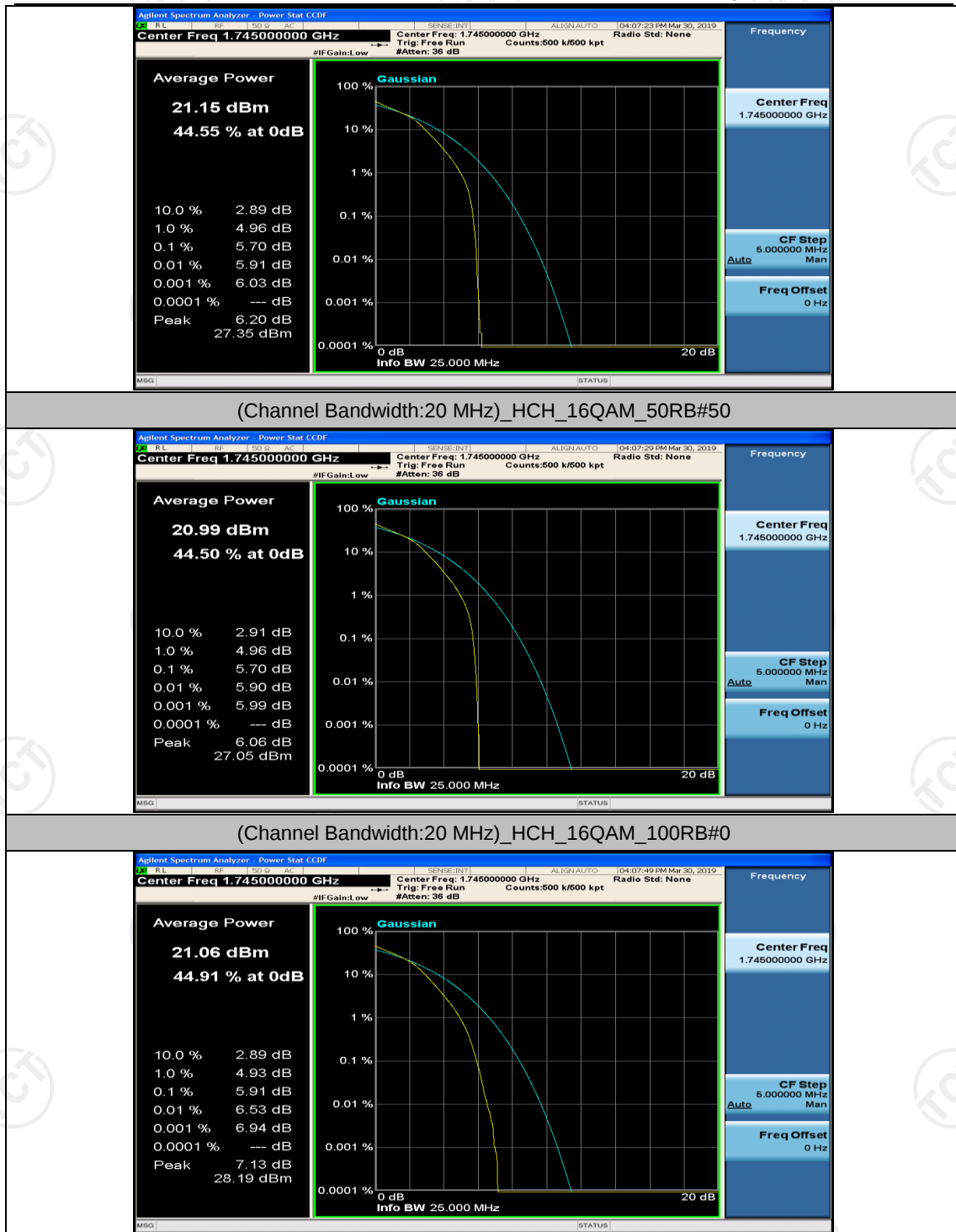


(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0



(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	0.21441	0.3170	PASS
		1	3	0.24355	0.3778	PASS
		1	5	0.21453	0.3279	PASS
		3	0	0.55076	0.6810	PASS
		3	2	0.55211	0.7043	PASS
		3	3	0.55195	0.6788	PASS
		6	0	1.0771	1.240	PASS
	MCH	1	0	0.21019	0.3210	PASS
		1	3	0.24023	0.3686	PASS
		1	5	0.21364	0.3129	PASS
		3	0	0.54903	0.6890	PASS
		3	2	0.55183	0.6821	PASS
		3	3	0.55325	0.6959	PASS
		6	0	1.0805	1.227	PASS
	HCH	1	0	0.21201	0.3183	PASS
		1	3	0.23928	0.3711	PASS
		1	5	0.21303	0.3292	PASS
		3	0	0.55267	0.7101	PASS
		3	2	0.55102	0.6697	PASS
		3	3	0.55202	0.7106	PASS
		6	0	1.0785	1.214	PASS
16QAM	LCH	1	0	0.21428	0.3170	PASS
		1	3	0.24757	0.3860	PASS
		1	5	0.21177	0.3355	PASS
		3	0	0.54731	0.6989	PASS
		3	2	0.54851	0.6910	PASS
		3	3	0.54996	0.6786	PASS
		6	0	1.0794	1.230	PASS
	MCH	1	0	0.21843	0.3325	PASS
		1	3	0.24202	0.4214	PASS

		1	5	0.21841	0.3456	PASS
		3	0	0.55118	0.6956	PASS
		3	2	0.55149	0.7093	PASS
		3	3	0.55244	0.7067	PASS
		6	0	1.0763	1.202	PASS
	HCH	1	0	0.21331	0.3153	PASS
		1	3	0.24619	0.3746	PASS
		1	5	0.22004	0.3209	PASS
		3	0	0.55057	0.6913	PASS
		3	2	0.55032	0.6954	PASS
		3	3	0.54963	0.6821	PASS
		6	0	1.0798	1.228	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	0.24671	0.4680	PASS
		1	7	0.30698	0.4995	PASS
		1	14	0.23701	0.3533	PASS
		8	0	1.4480	1.734	PASS
		8	4	1.4495	1.720	PASS
		8	7	1.4448	1.691	PASS
		15	0	2.6857	2.881	PASS
	MCH	1	0	0.23555	0.3683	PASS
		1	7	0.31066	0.4805	PASS
		1	14	0.23549	0.3399	PASS
		8	0	1.4527	1.705	PASS
		8	4	1.4482	1.683	PASS
		8	7	1.4489	1.671	PASS
		15	0	2.6861	2.882	PASS
	HCH	1	0	0.24029	0.3331	PASS
		1	7	0.30571	0.4787	PASS
		1	14	0.23538	0.3534	PASS
		8	0	1.4493	1.707	PASS
		8	4	1.4473	1.717	PASS
		8	7	1.4448	1.653	PASS
		15	0	2.6846	2.895	PASS

16QAM	LCH	1	0	0.23482	0.3454	PASS
		1	7	0.32952	0.5042	PASS
		1	14	0.23565	0.3571	PASS
		8	0	1.4503	1.665	PASS
		8	4	1.4484	1.663	PASS
		8	7	1.4503	1.669	PASS
		15	0	2.6821	2.872	PASS
	MCH	1	0	0.23462	0.3531	PASS
		1	7	0.32769	0.5307	PASS
		1	14	0.23457	0.3576	PASS
		8	0	1.4536	1.707	PASS
		8	4	1.4522	1.707	PASS
		8	7	1.4482	1.676	PASS
		15	0	2.6838	2.908	PASS
	HCH	1	0	0.23931	0.3589	PASS
		1	7	0.31734	0.4710	PASS
		1	14	0.24487	0.3748	PASS
		8	0	1.4535	1.676	PASS
		8	4	1.4492	1.695	PASS
		8	7	1.4506	1.696	PASS
		15	0	2.6877	2.872	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	0.29923	0.4682	PASS
		1	12	0.39003	0.6523	PASS
		1	24	0.29245	0.4552	PASS
		12	0	2.1763	2.513	PASS
		12	6	2.1805	2.569	PASS
		12	13	2.1803	2.562	PASS
		25	0	4.4754	4.835	PASS
	MCH	1	0	0.28917	0.4512	PASS
		1	12	0.37916	0.5987	PASS
		1	24	0.28763	0.4585	PASS
		12	0	2.1881	2.543	PASS
		12	6	2.1850	2.583	PASS

		12	13	2.1801	2.497	PASS
		25	0	4.4749	4.774	PASS
	HCH	1	0	0.28209	0.4511	PASS
		1	12	0.40091	0.6793	PASS
		1	24	0.29154	0.4570	PASS
		12	0	2.1706	2.506	PASS
		12	6	2.1721	2.463	PASS
		12	13	2.1706	2.507	PASS
		25	0	4.4718	4.804	PASS
16QAM	LCH	1	0	0.28996	0.4660	PASS
		1	12	0.41590	0.5708	PASS
		1	24	0.28653	0.4618	PASS
		12	0	2.1773	2.519	PASS
		12	6	2.1763	2.537	PASS
		12	13	2.1748	2.537	PASS
		25	0	4.4713	4.807	PASS
	MCH	1	0	0.27900	0.4244	PASS
		1	12	0.38885	0.5996	PASS
		1	24	0.28839	0.4500	PASS
		12	0	2.1759	2.557	PASS
		12	6	2.1822	2.471	PASS
		12	13	2.1746	2.517	PASS
		25	0	4.4712	4.863	PASS
	HCH	1	0	0.29363	0.4764	PASS
		1	12	0.43705	0.7337	PASS
		1	24	0.29825	0.4620	PASS
		12	0	2.1848	2.576	PASS
		12	6	2.1914	2.623	PASS
		12	13	2.1766	2.497	PASS
		25	0	4.4744	4.825	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	0.42562	0.6212	PASS
		1	25	0.46115	0.7184	PASS
		1	49	0.38255	0.5760	PASS
		25	0	4.5078	4.967	PASS
		25	12	4.5130	4.929	PASS

		25	25	4.5195	4.972	PASS
		50	0	8.9358	9.457	PASS
	MCH	1	0	0.38785	0.6087	PASS
		1	25	0.47425	0.7559	PASS
		1	49	0.38740	0.5556	PASS
		25	0	4.5113	4.876	PASS
		25	12	4.5067	4.961	PASS
		25	25	4.5033	4.922	PASS
		50	0	8.9341	9.479	PASS
		1	0	0.38715	0.5629	PASS
	HCH	1	25	0.47165	0.7137	PASS
		1	49	0.38536	0.5797	PASS
		25	0	4.5074	4.973	PASS
		25	12	4.5117	4.992	PASS
		25	25	4.5083	5.012	PASS
		50	0	8.9202	9.400	PASS
16QAM	LCH	1	0	0.38169	0.5441	PASS
		1	25	0.46627	0.7119	PASS
		1	49	0.38761	0.5998	PASS
		25	0	4.5106	4.931	PASS
		25	12	4.5071	4.945	PASS
		25	25	4.5050	4.982	PASS
		50	0	8.9189	9.417	PASS
	MCH	1	0	0.38864	0.5488	PASS
		1	25	0.47785	0.7389	PASS
		1	49	0.38641	0.5683	PASS
		25	0	4.4999	4.994	PASS
		25	12	4.5021	4.924	PASS
		25	25	4.5078	4.980	PASS
		50	0	8.9333	9.454	PASS
	HCH	1	0	0.38283	0.5748	PASS
		1	25	0.46166	0.7143	PASS
		1	49	0.37256	0.5657	PASS
		25	0	4.5108	4.985	PASS
		25	12	4.5160	5.044	PASS
		25	25	4.5091	5.008	PASS
		50	0	8.9236	9.438	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	0.51965	0.7565	PASS
		1	37	0.57478	0.8416	PASS
		1	74	0.49802	0.7471	PASS
		37	0	13.376	14.12	PASS
		37	18	13.371	14.13	PASS
		37	38	13.388	14.11	PASS
		75	0	13.383	14.10	PASS
	MCH	1	0	0.48802	0.7196	PASS
		1	37	0.56819	0.7909	PASS
		1	74	0.48664	0.7080	PASS
		37	0	13.375	14.11	PASS
		37	18	13.375	14.15	PASS
		37	38	13.378	14.16	PASS
		75	0	13.379	14.04	PASS
	HCH	1	0	0.49398	0.7082	PASS
		1	37	0.59541	0.8811	PASS
		1	74	0.48525	0.7043	PASS
		37	0	13.376	13.99	PASS
		37	18	13.373	14.01	PASS
		37	38	13.380	13.96	PASS
		75	0	13.370	14.00	PASS
16QAM	LCH	1	0	0.50301	0.7261	PASS
		1	37	0.57566	0.7859	PASS
		1	74	0.48406	0.6751	PASS
		37	0	13.388	14.13	PASS
		37	18	13.378	14.13	PASS
		37	38	13.384	14.15	PASS
		75	0	13.375	13.99	PASS
	MCH	1	0	0.48874	0.7233	PASS
		1	37	0.58721	0.8868	PASS
		1	74	0.48542	0.7027	PASS
		37	0	13.381	14.11	PASS
		37	18	13.374	14.01	PASS
		37	38	13.383	14.15	PASS
		75	0	13.372	14.02	PASS
	HCH	1	0	0.49072	0.6963	PASS
		1	37	0.57226	0.7802	PASS
		1	74	0.48360	0.7237	PASS
		37	0	13.372	13.99	PASS

		37	18	13.378	13.94	PASS
		37	38	13.375	14.06	PASS
		75	0	13.364	14.02	PASS

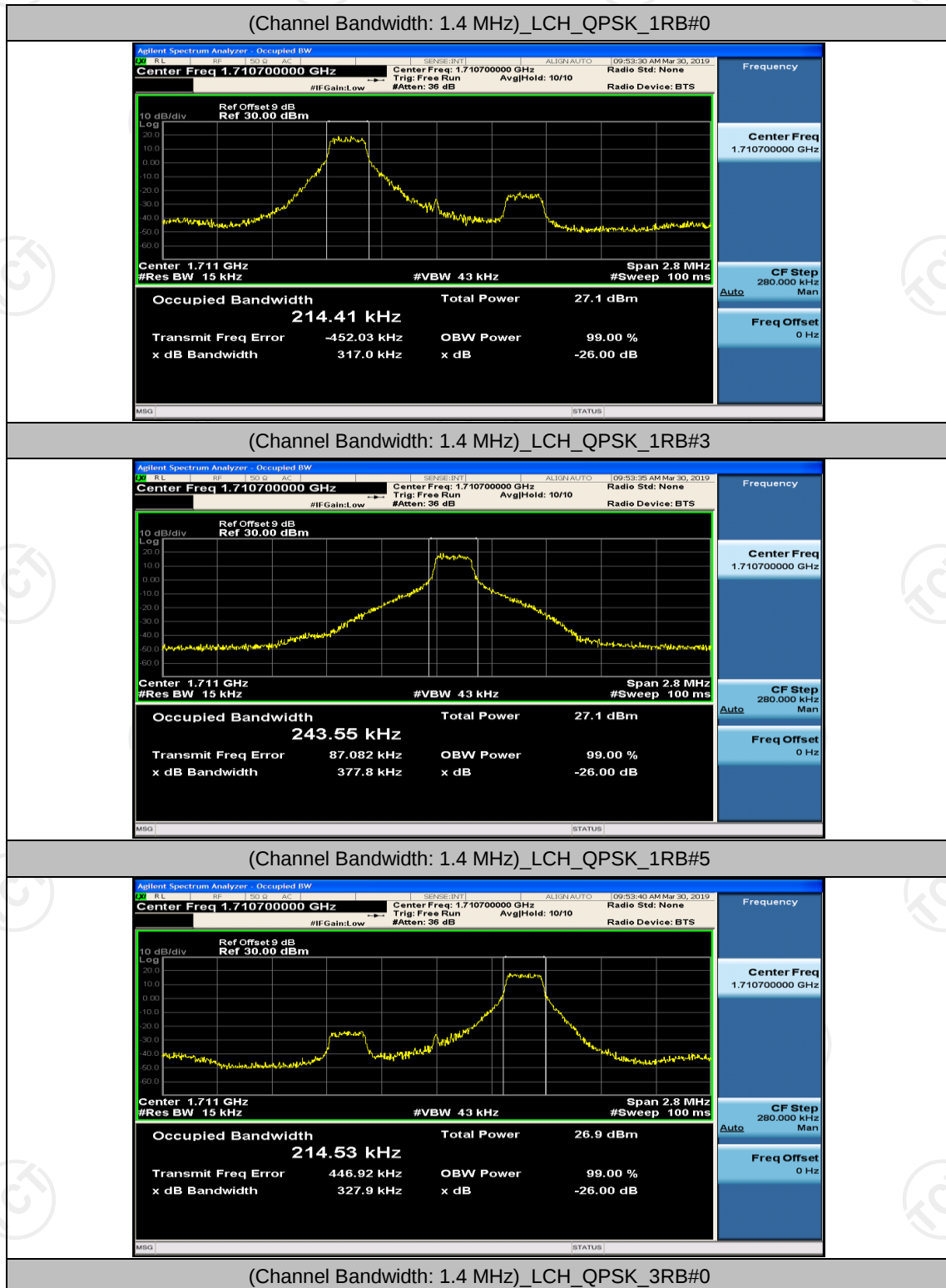
Channel Bandwidth: 20 MHz

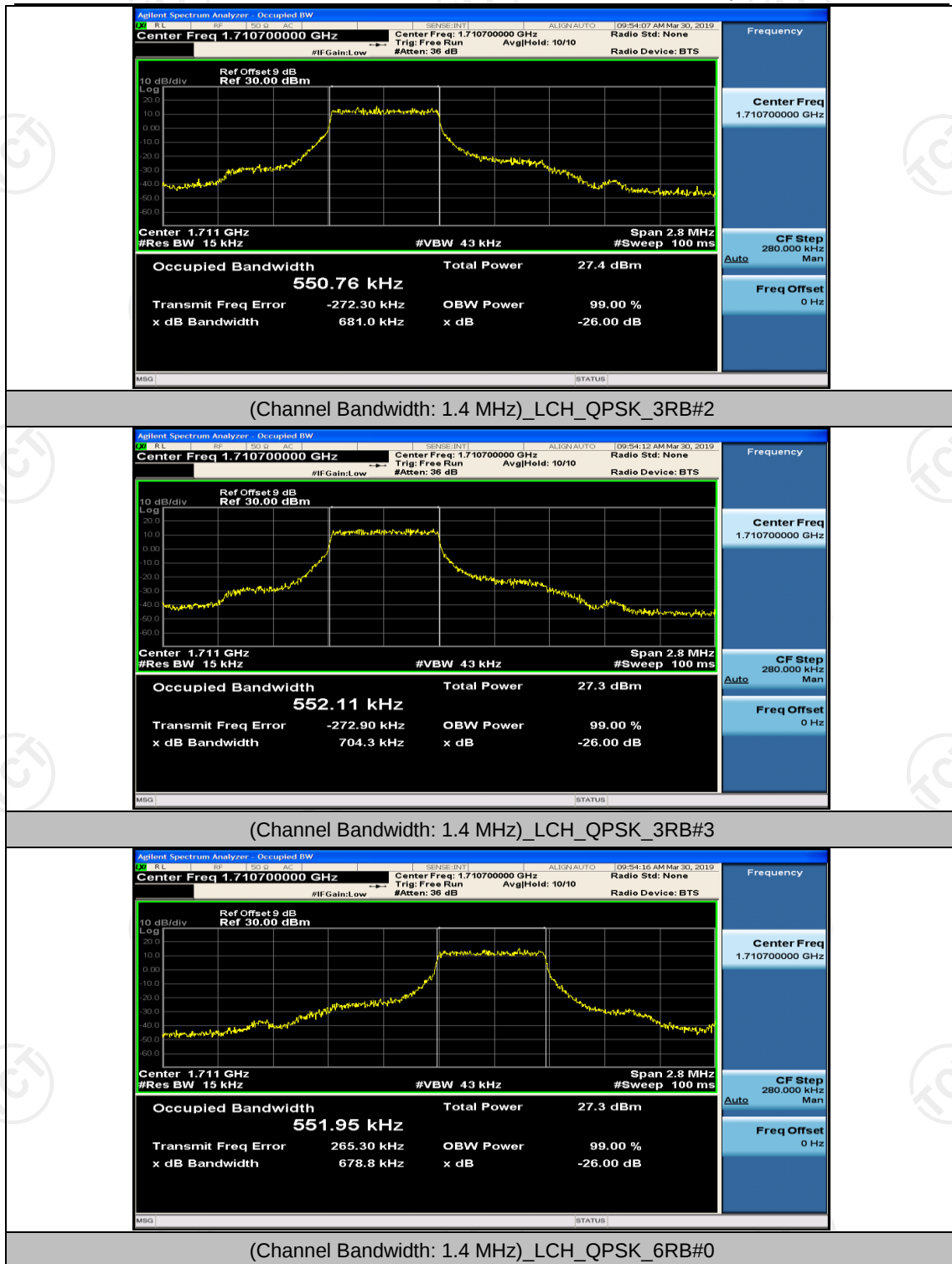
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.58699	0.8622	PASS
		1	50	0.63058	0.8815	PASS
		1	99	0.58667	0.8678	PASS
		50	0	8.9743	9.668	PASS
		50	25	8.9876	9.627	PASS
		50	50	8.9825	9.780	PASS
		100	0	17.833	18.56	PASS
	MCH	1	0	0.56478	0.8288	PASS
		1	50	0.62723	0.8980	PASS
		1	99	0.58863	0.8317	PASS
		50	0	8.9855	9.638	PASS
		50	25	8.9958	9.739	PASS
		50	50	8.9978	9.594	PASS
		100	0	17.829	18.72	PASS
	HCH	1	0	0.57278	0.8232	PASS
		1	50	0.62400	0.9231	PASS
		1	99	0.55912	0.8191	PASS
		50	0	8.9909	9.704	PASS
		50	25	8.9819	9.617	PASS
		50	50	8.9804	9.646	PASS
		100	0	17.805	18.57	PASS
16QAM	LCH	1	0	0.57611	0.8088	PASS
		1	50	0.66287	0.9679	PASS
		1	99	0.58596	0.8808	PASS
		50	0	8.9785	9.634	PASS
		50	25	8.9881	9.718	PASS
		50	50	8.9911	9.693	PASS
		100	0	17.825	18.59	PASS
	MCH	1	0	0.57584	0.8708	PASS
		1	50	0.63818	0.9020	PASS
		1	99	0.57008	0.8327	PASS

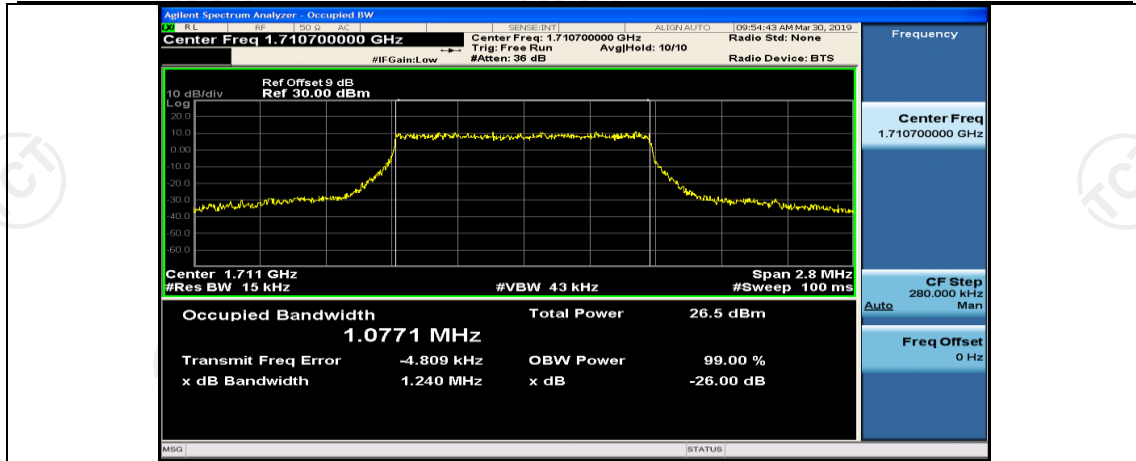
		50	0	8.9964	9.641	PASS
		50	25	8.9935	9.661	PASS
		50	50	8.9874	9.655	PASS
		100	0	17.832	18.60	PASS
	HCH	1	0	0.57156	0.8299	PASS
		1	50	0.65402	0.9226	PASS
		1	99	0.57705	0.8454	PASS
		50	0	8.9851	9.763	PASS
		50	25	8.9723	9.727	PASS
		50	50	8.9830	9.678	PASS
		100	0	17.842	18.58	PASS

Test Graphs

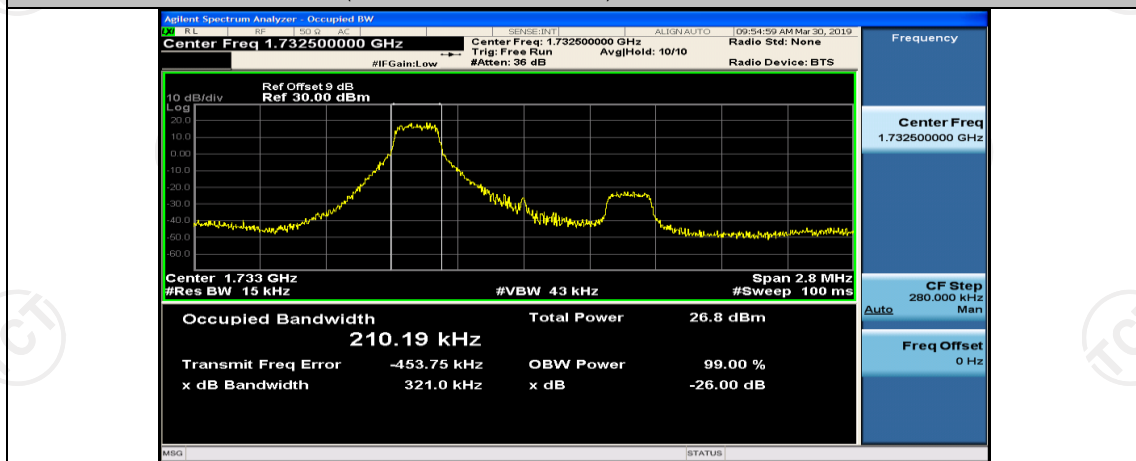
Channel Bandwidth: 1.4 MHz



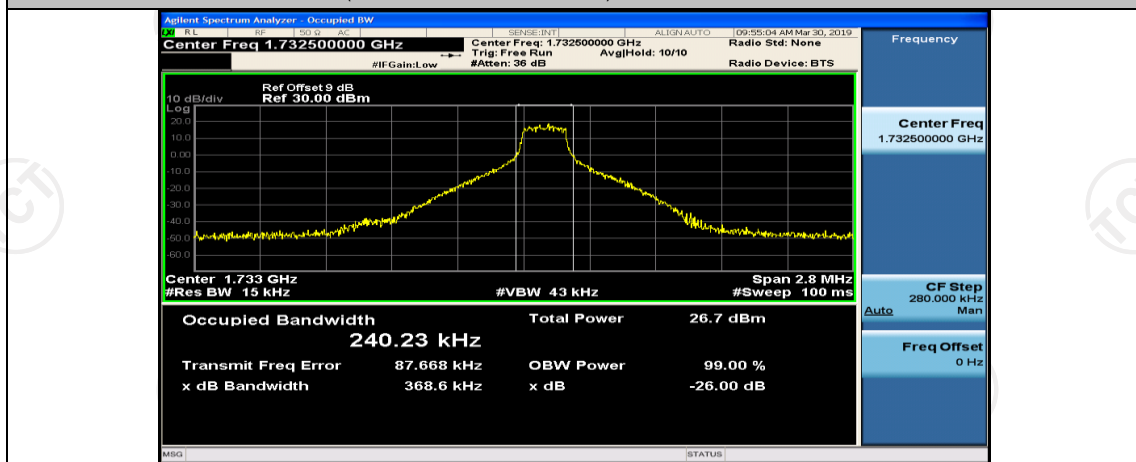




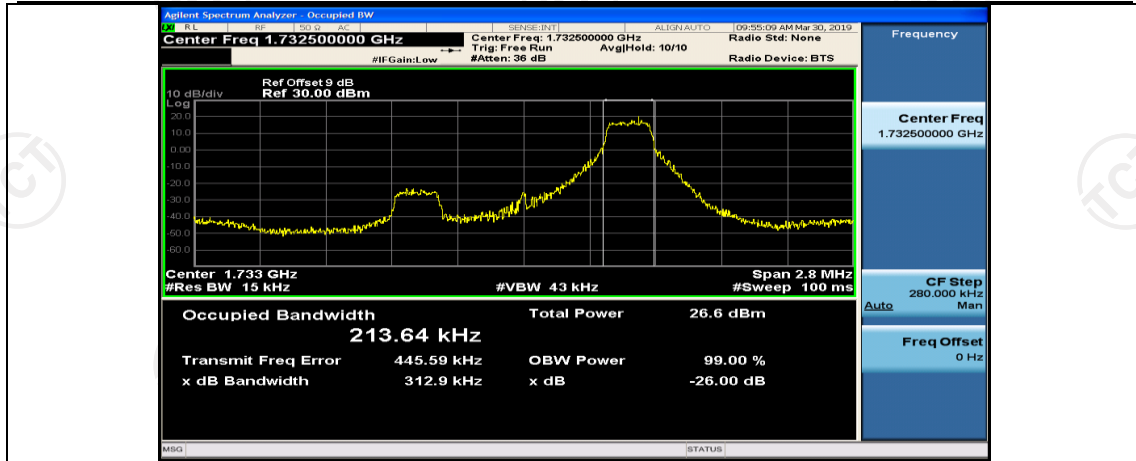
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



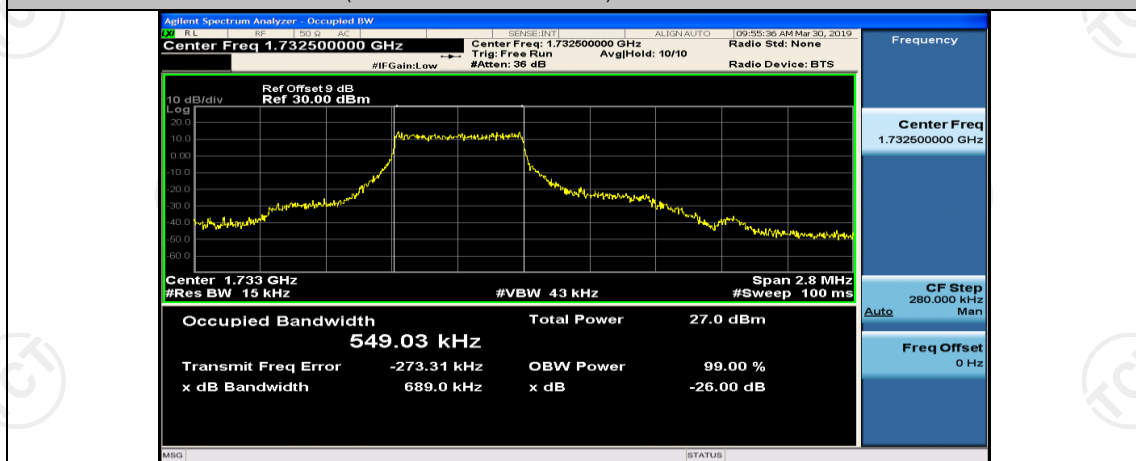
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



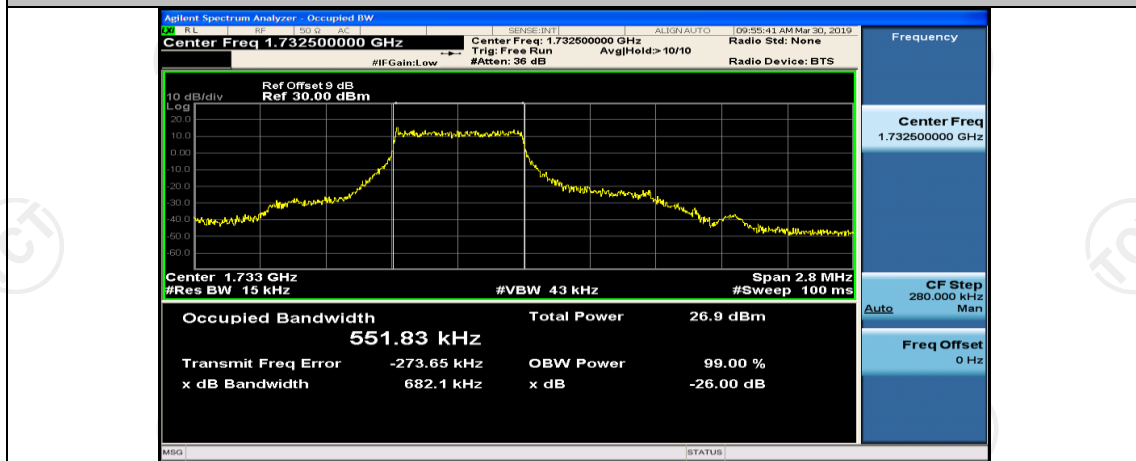
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5



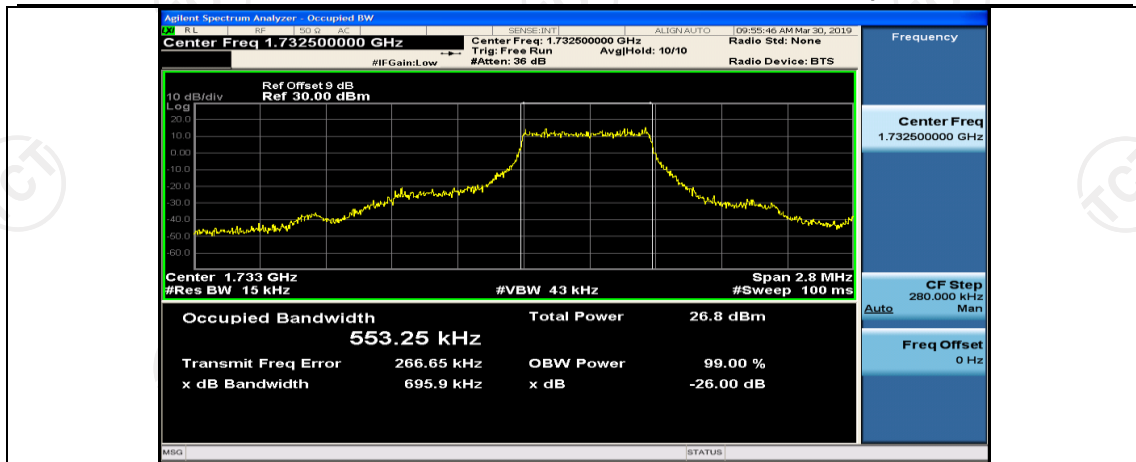
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#0



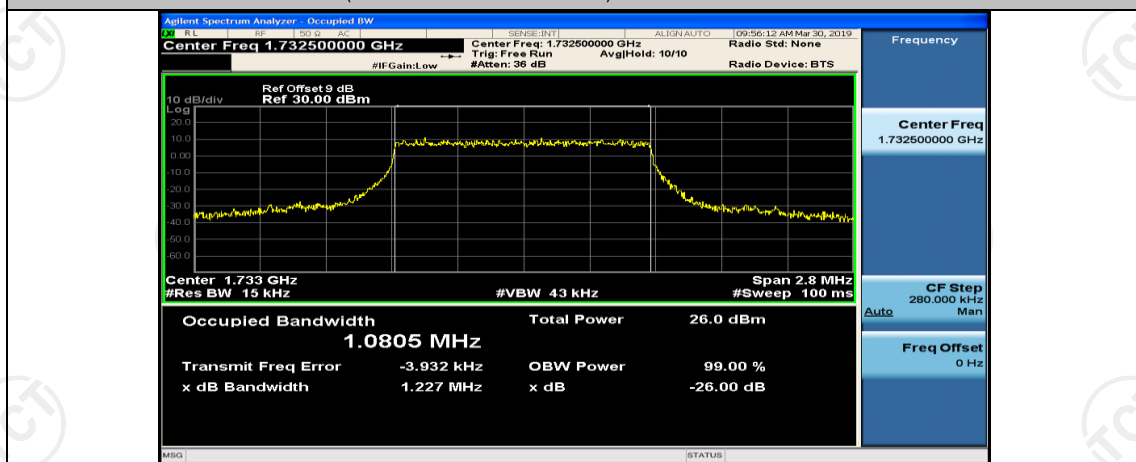
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#2



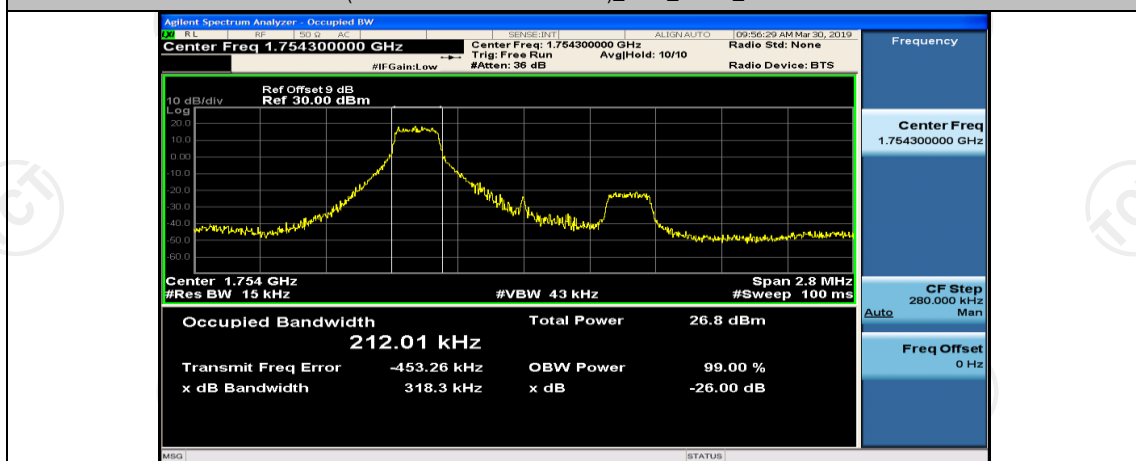
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#3



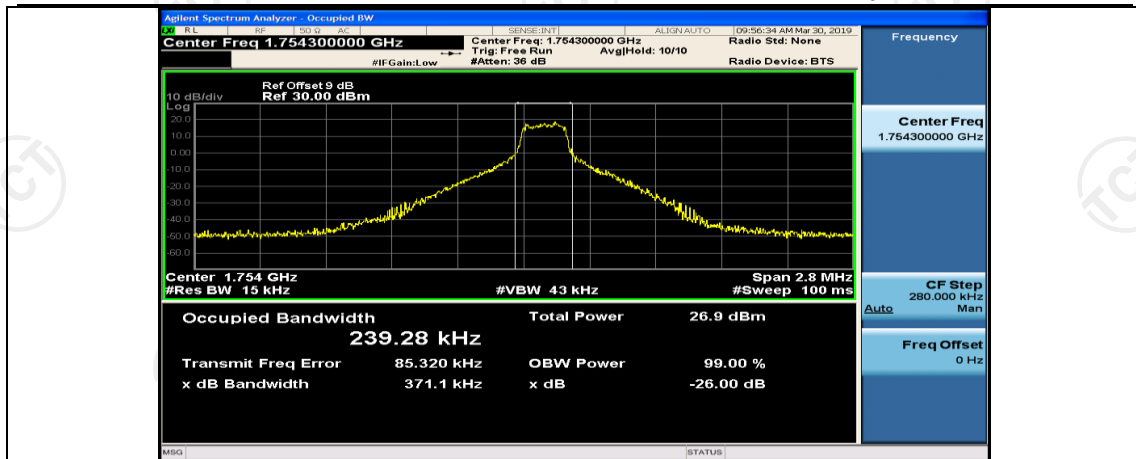
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



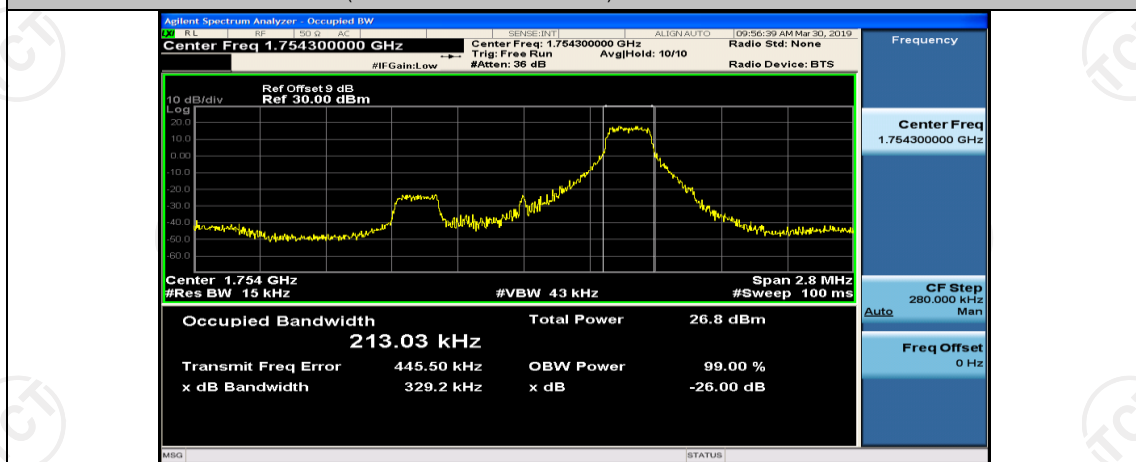
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



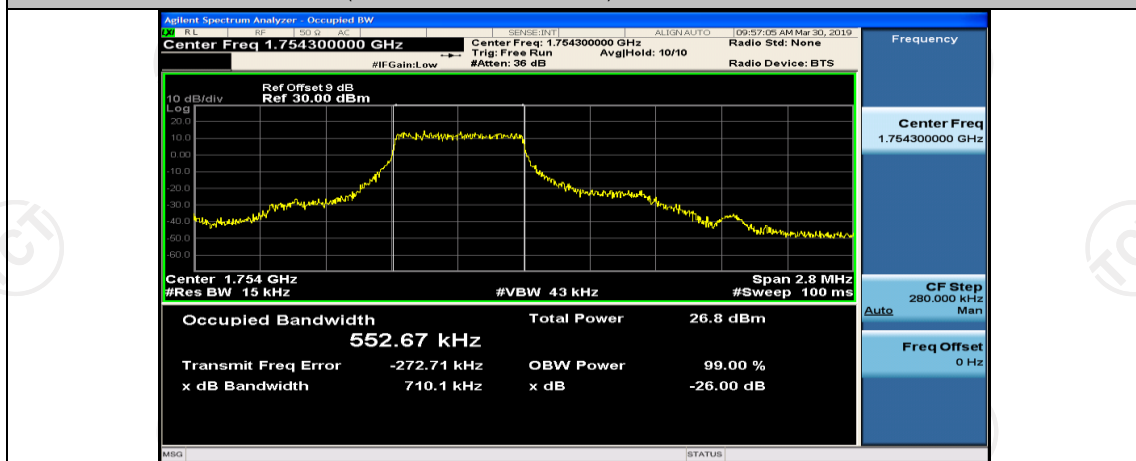
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3



(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

