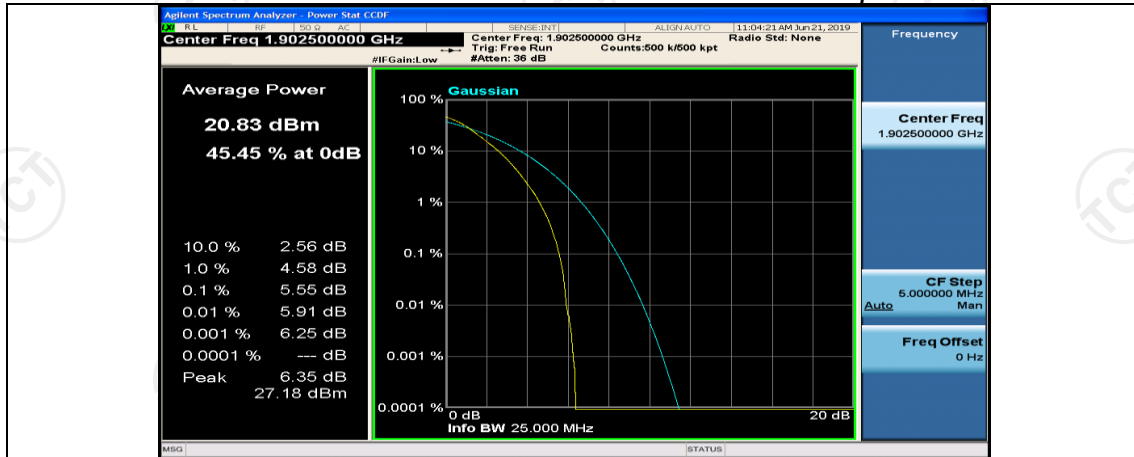
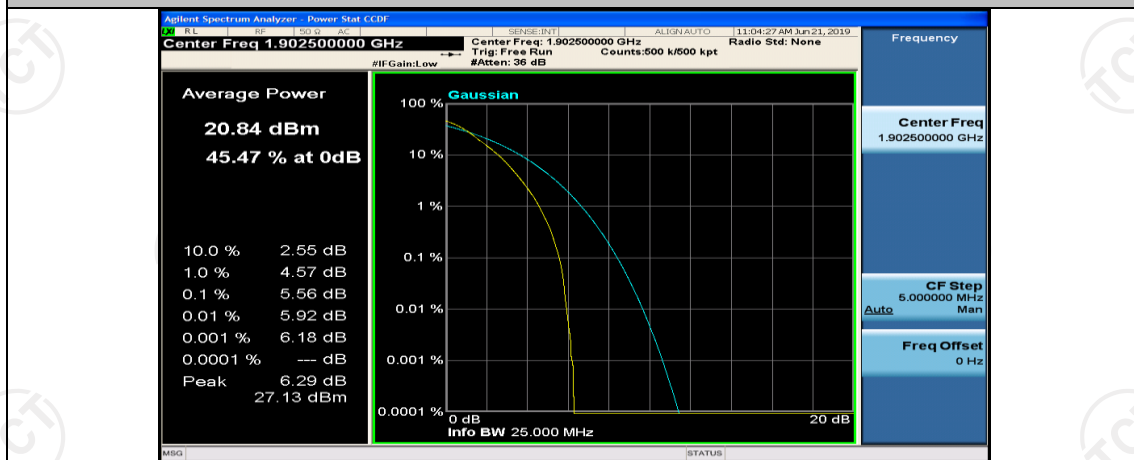
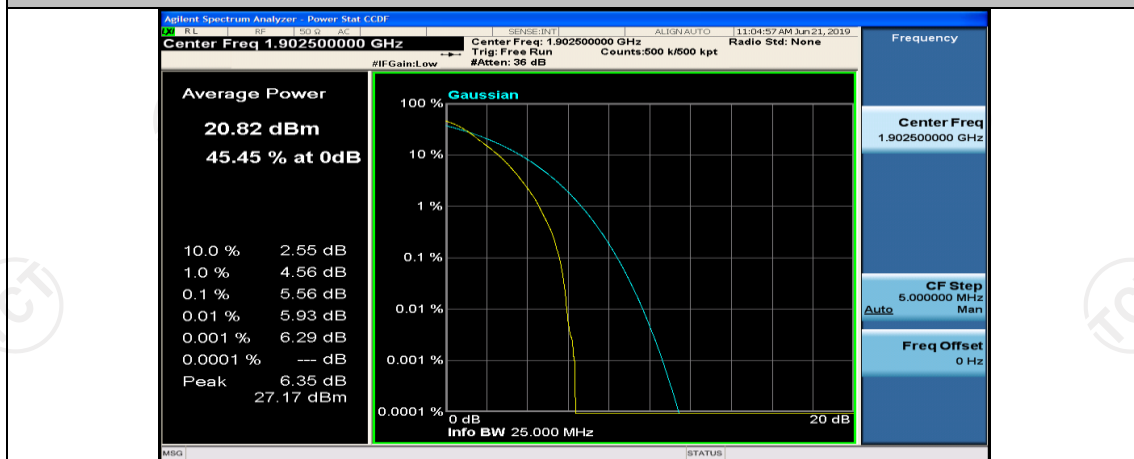




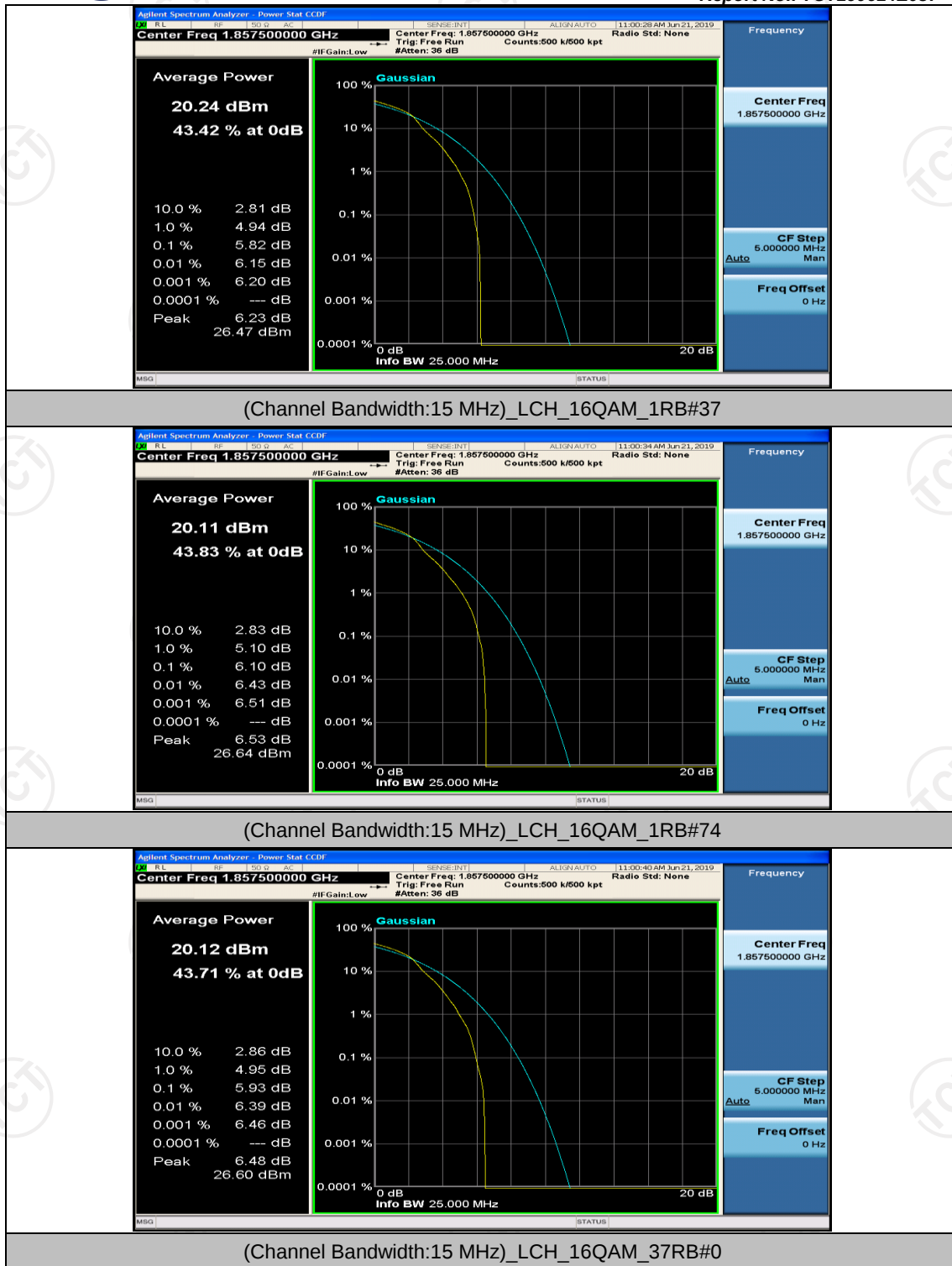
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#38

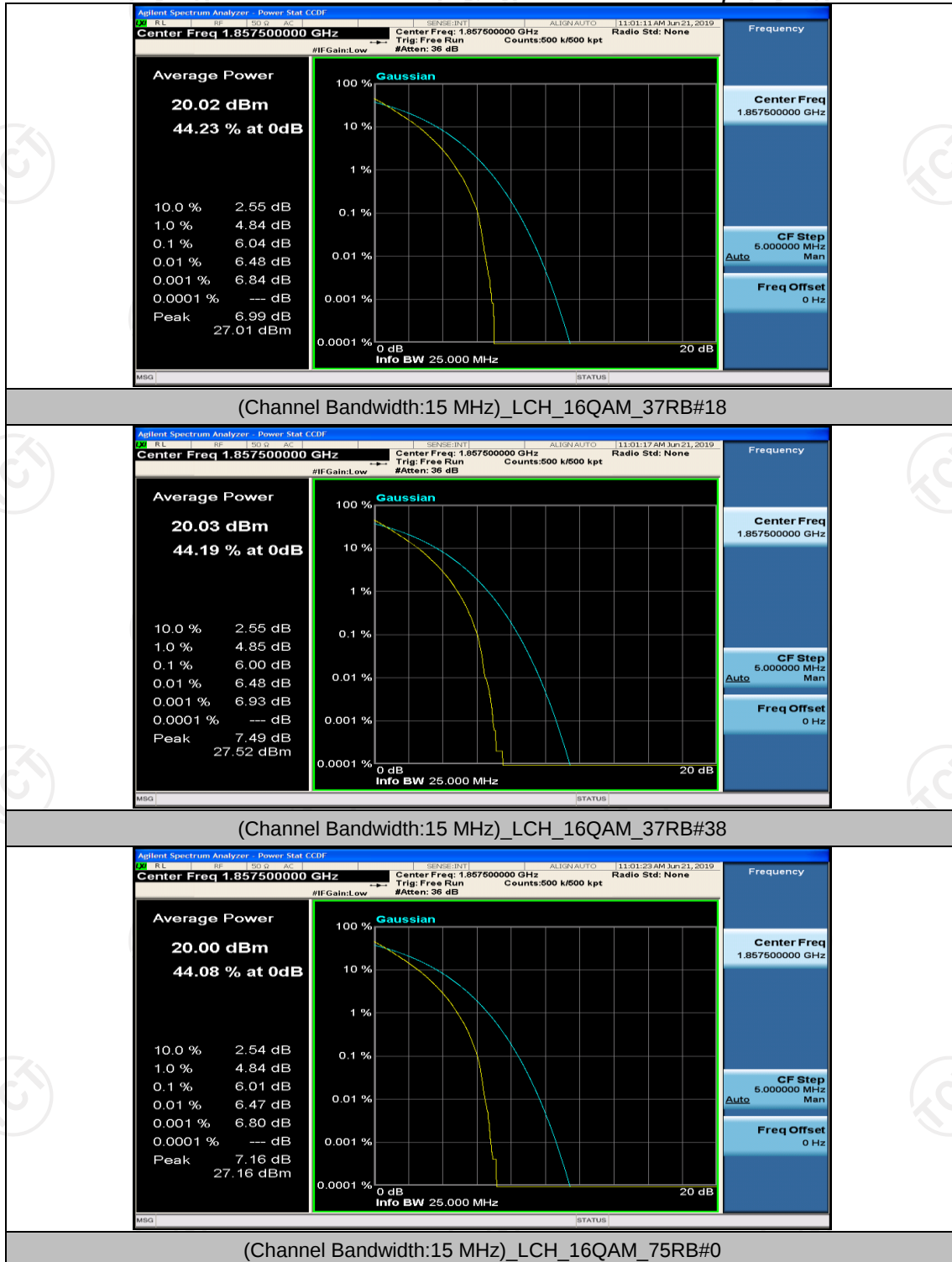


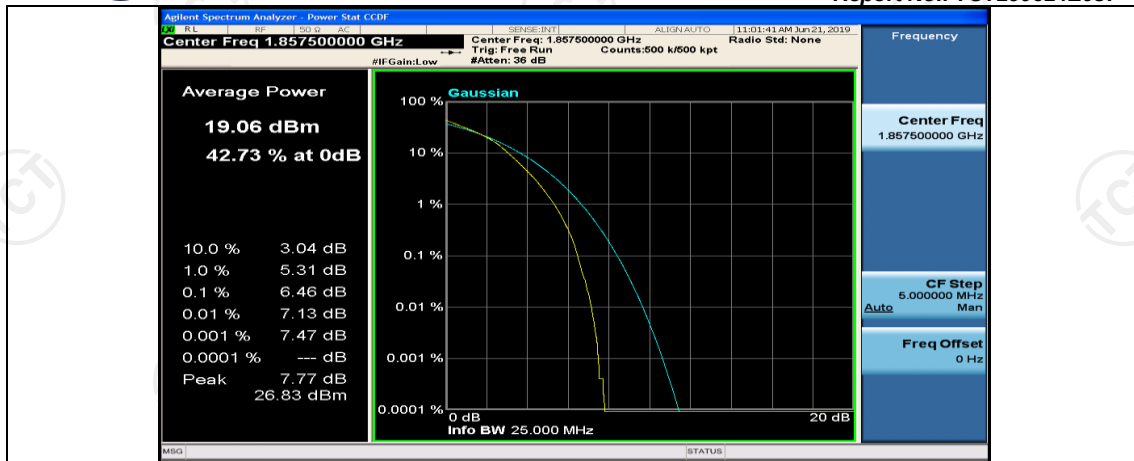
(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0



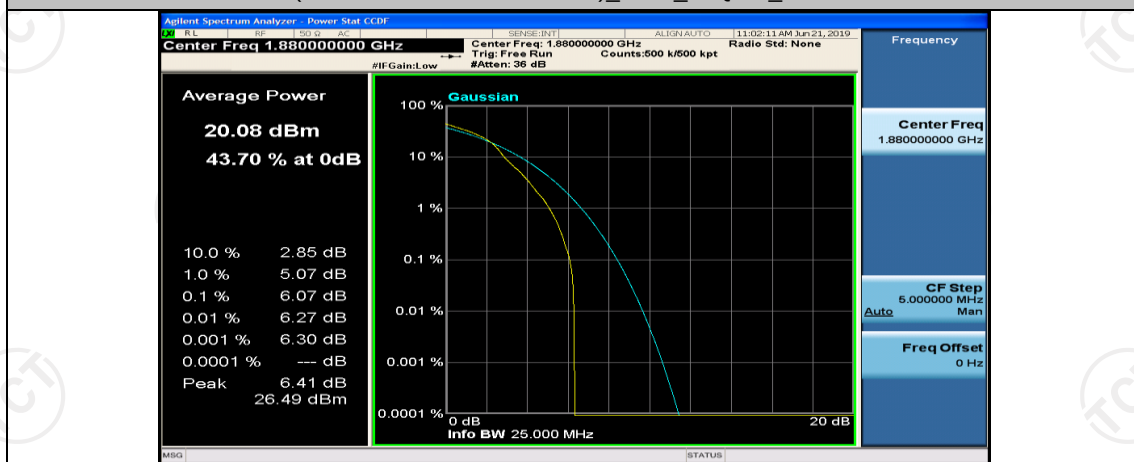
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0



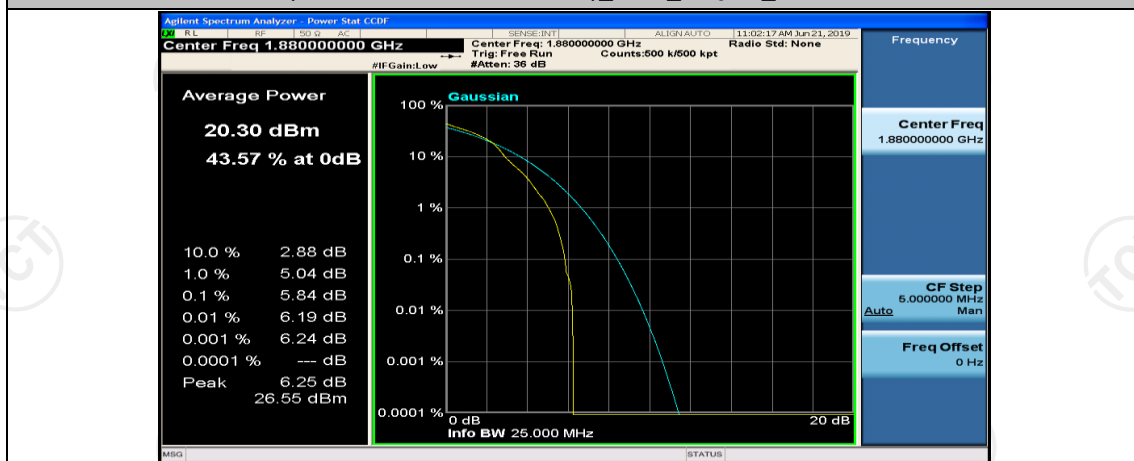




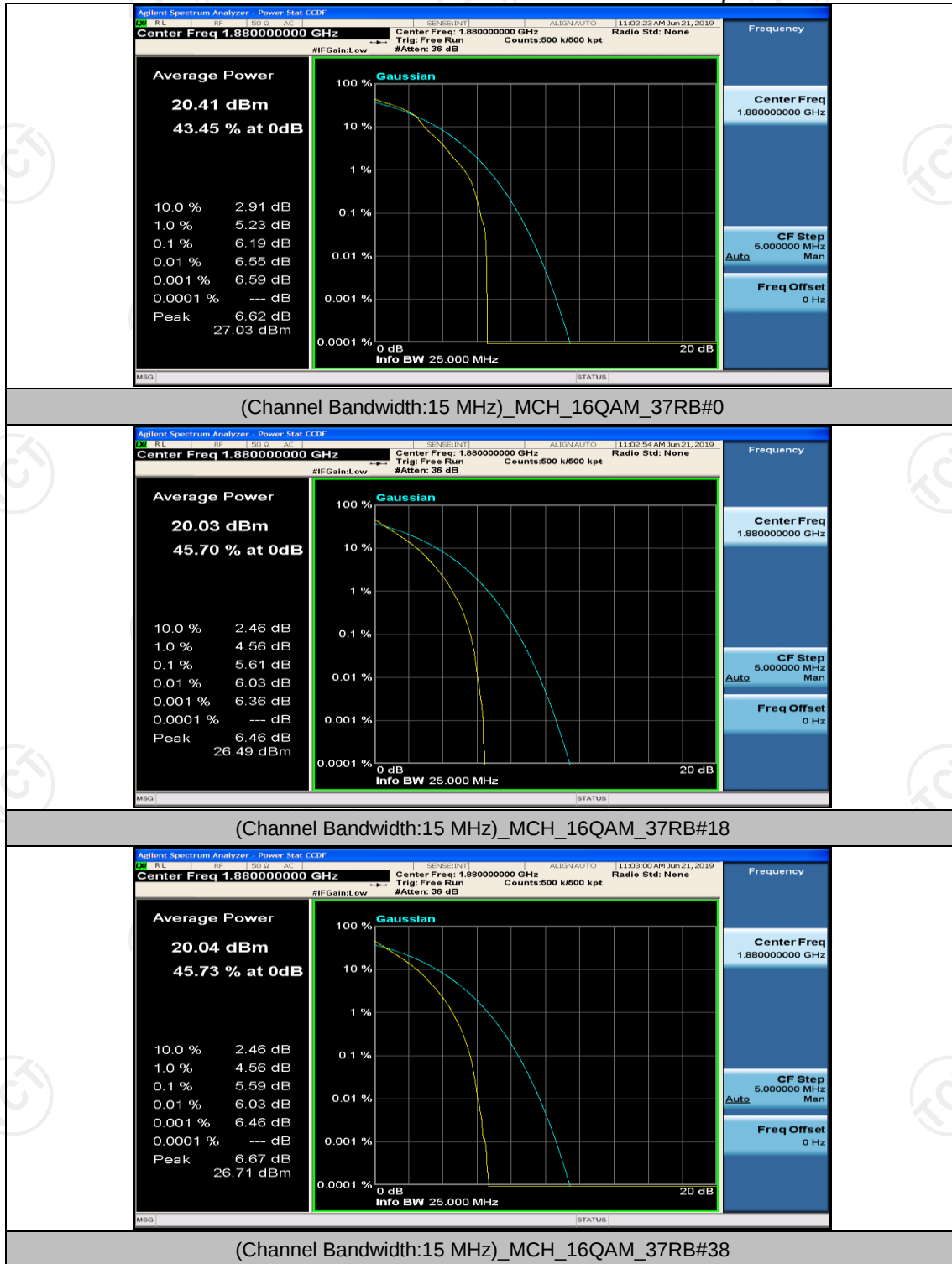
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0

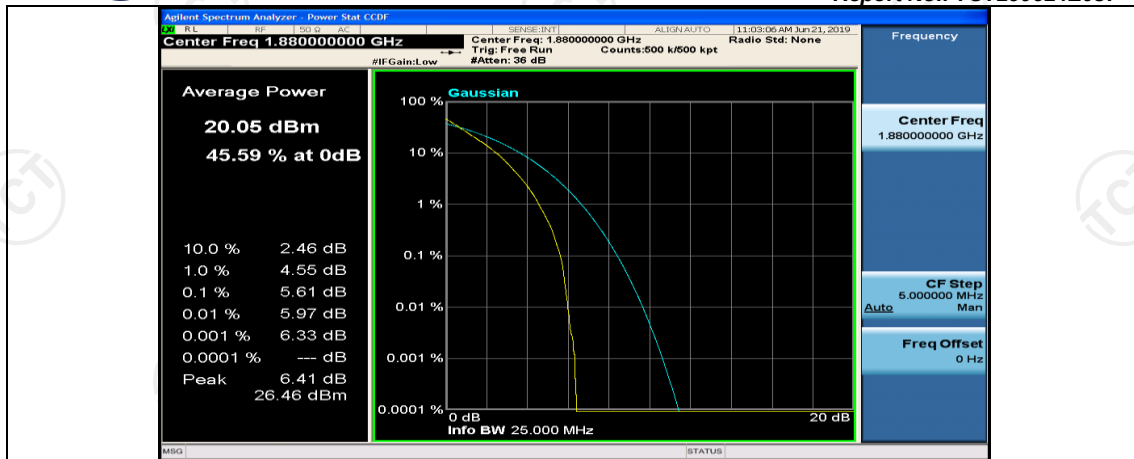


(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37

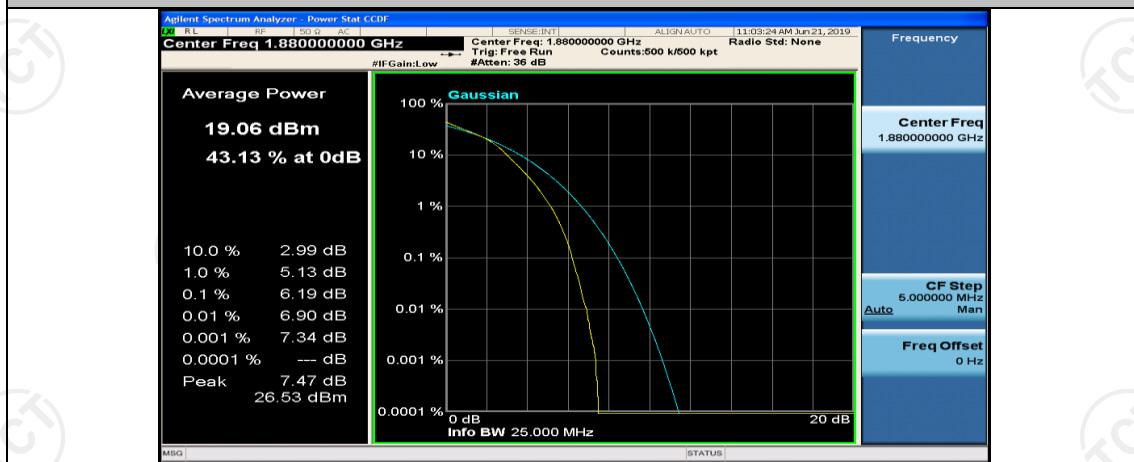


(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#74

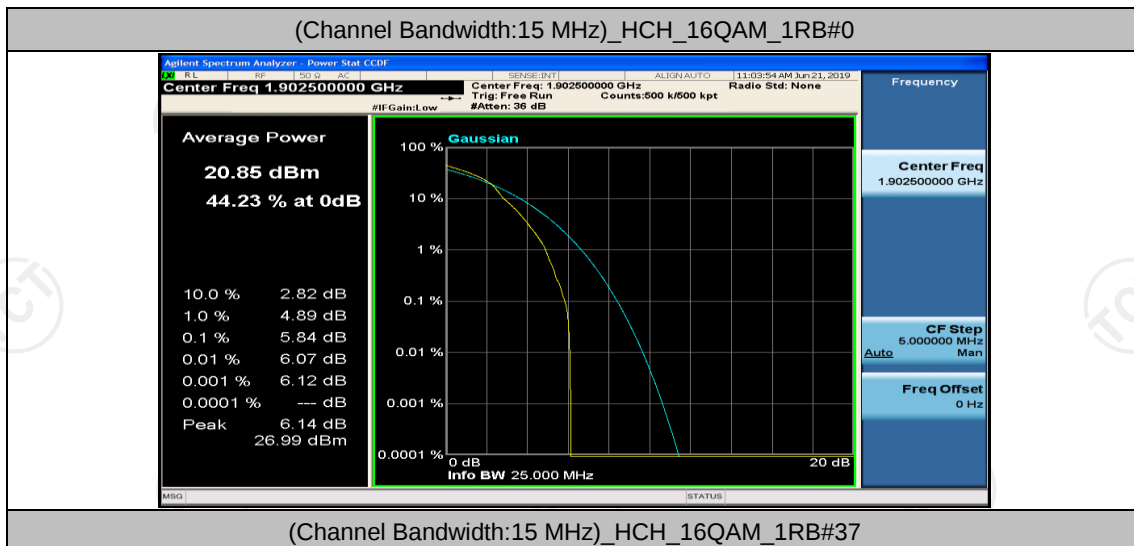




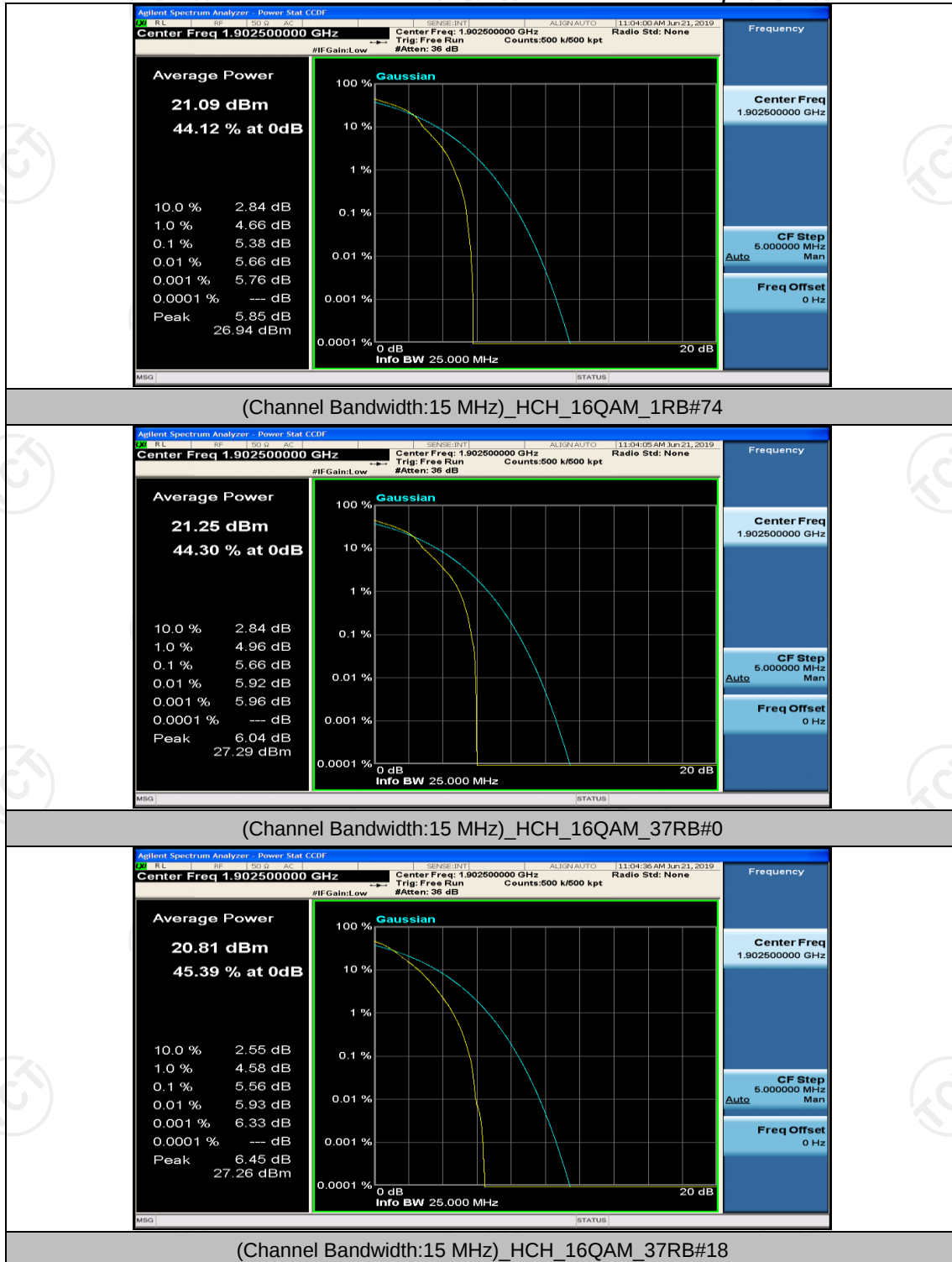
(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0

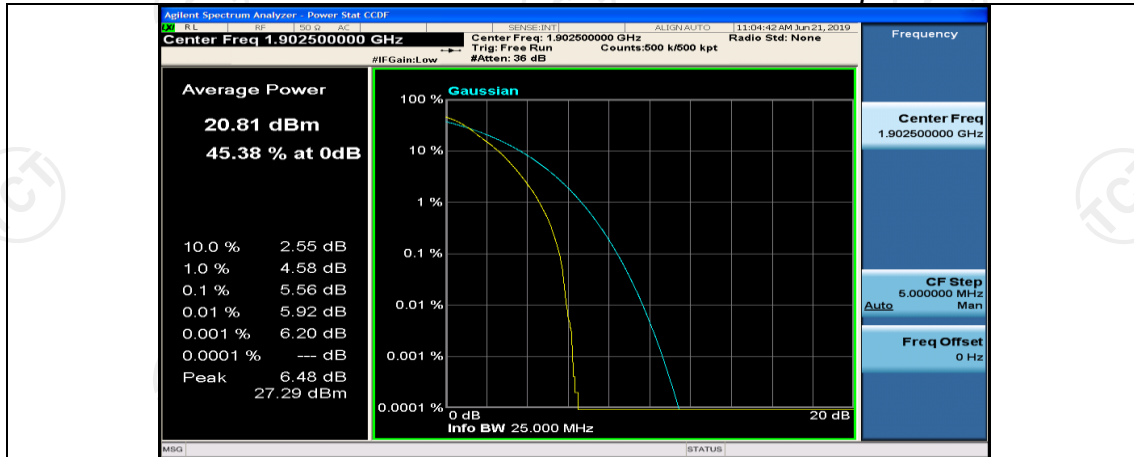


(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0

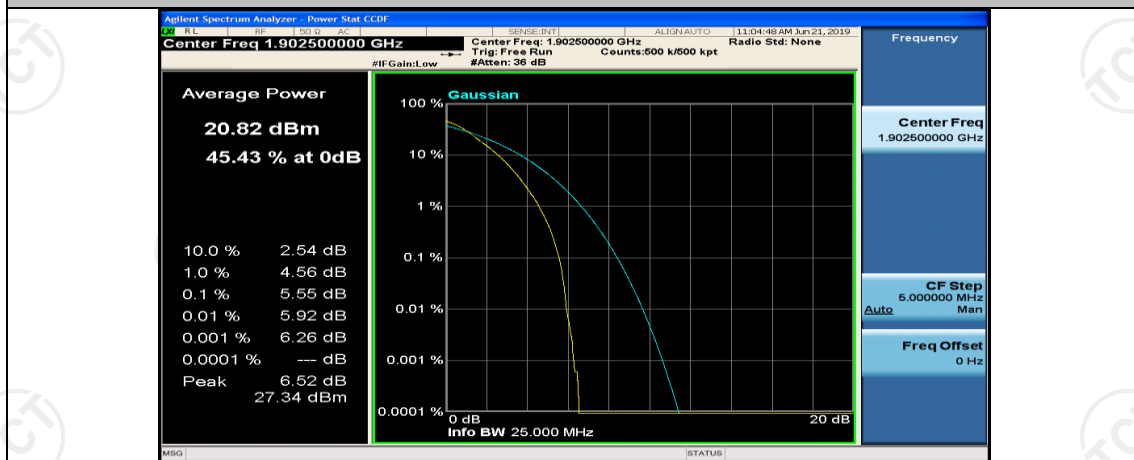


(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37

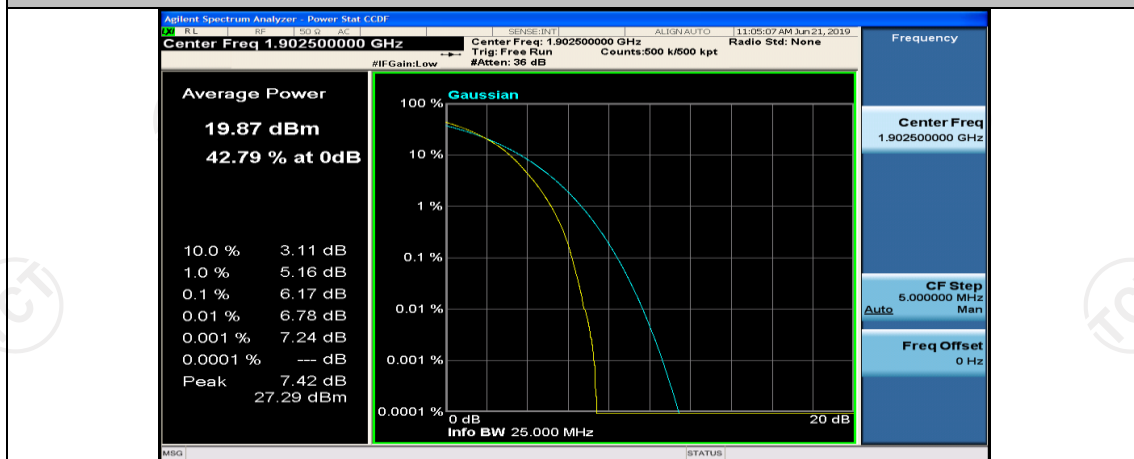




(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#38

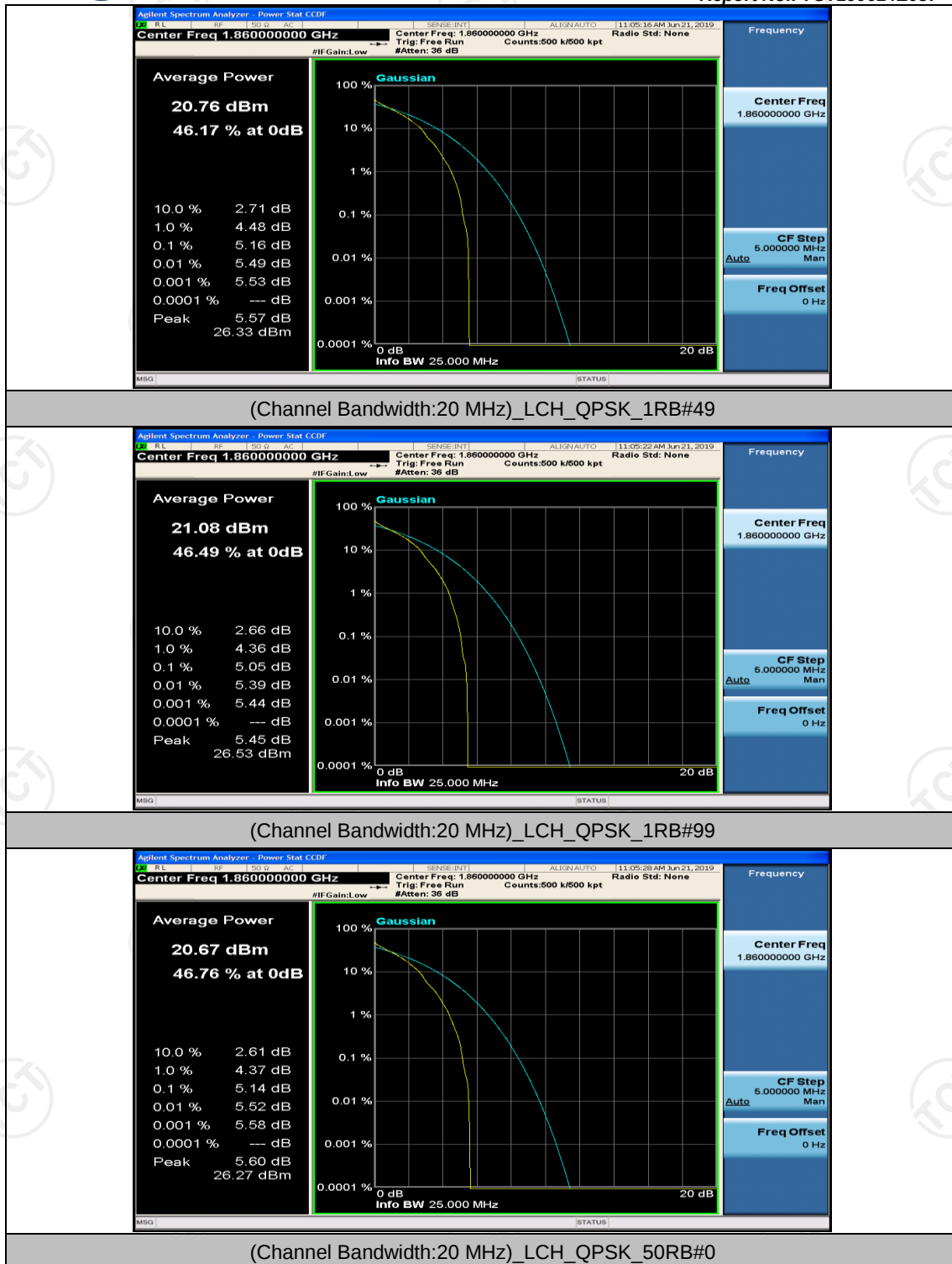


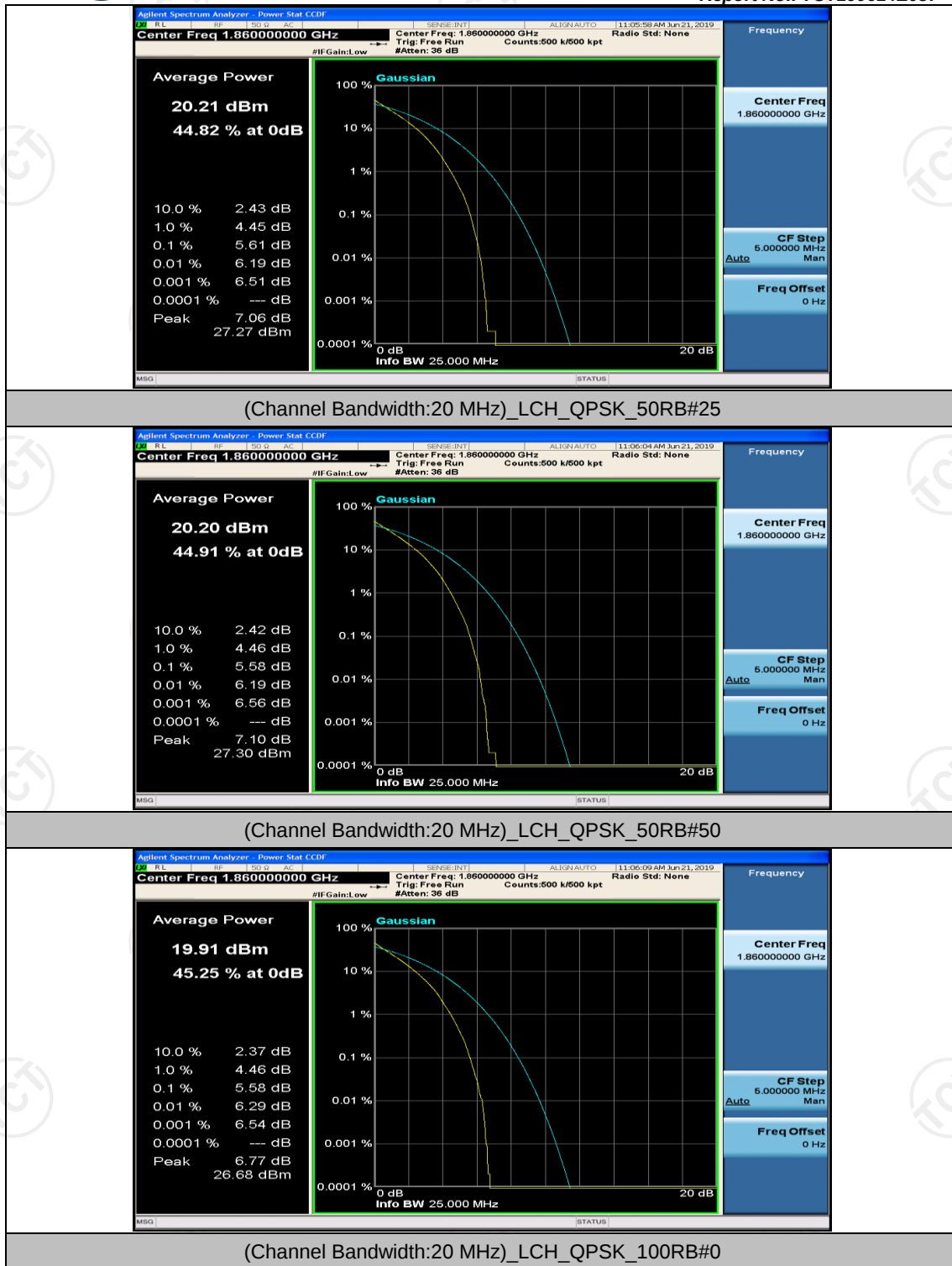
(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0

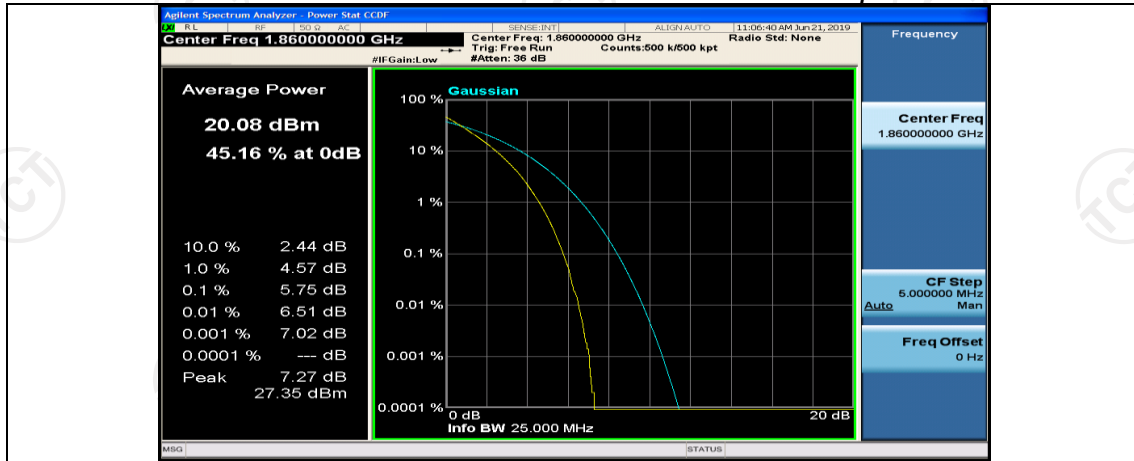


Channel Bandwidth: 20 MHz

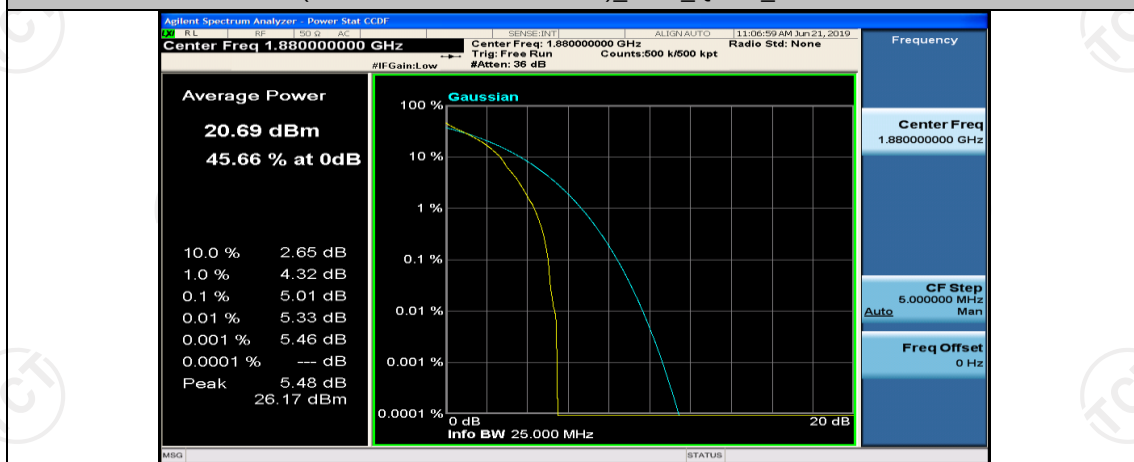
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#0



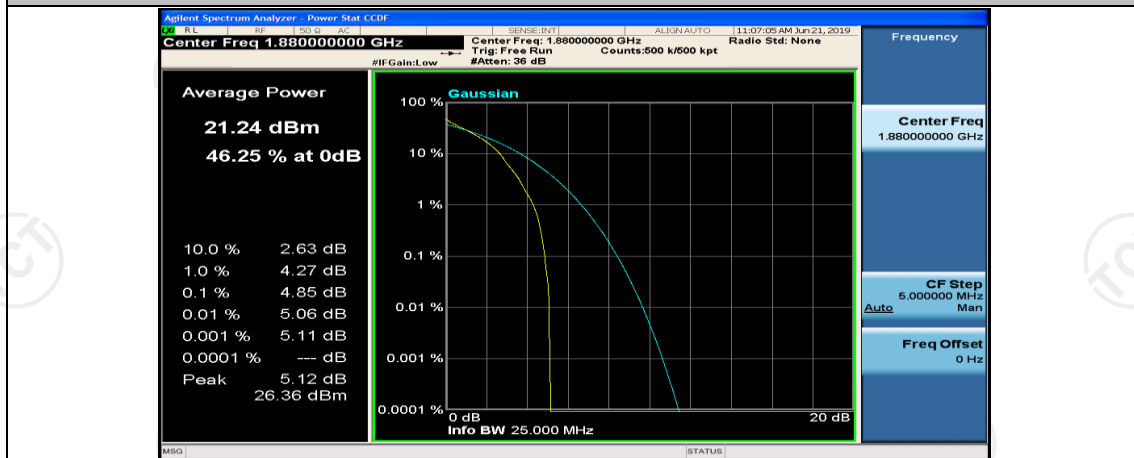




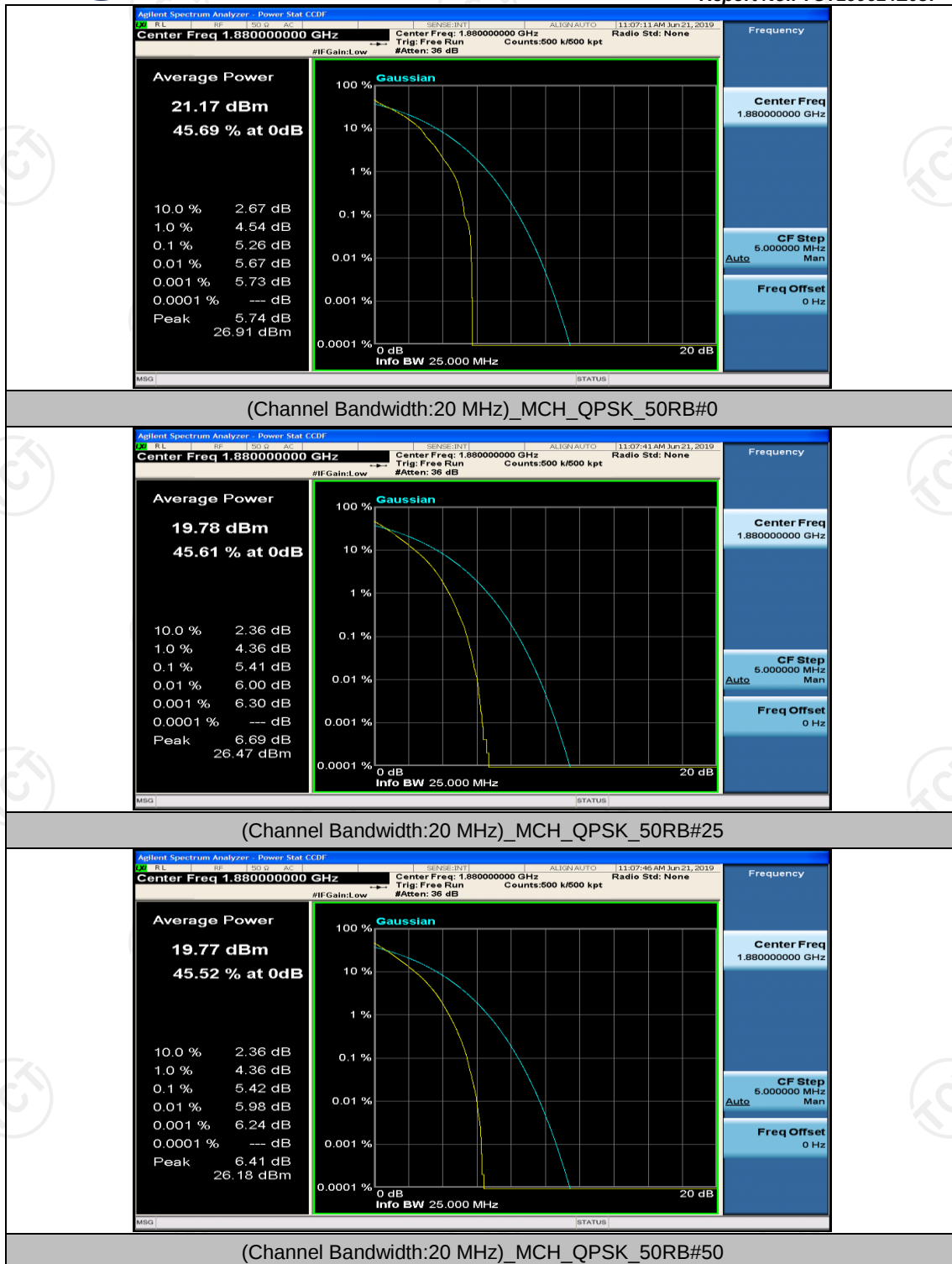
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0

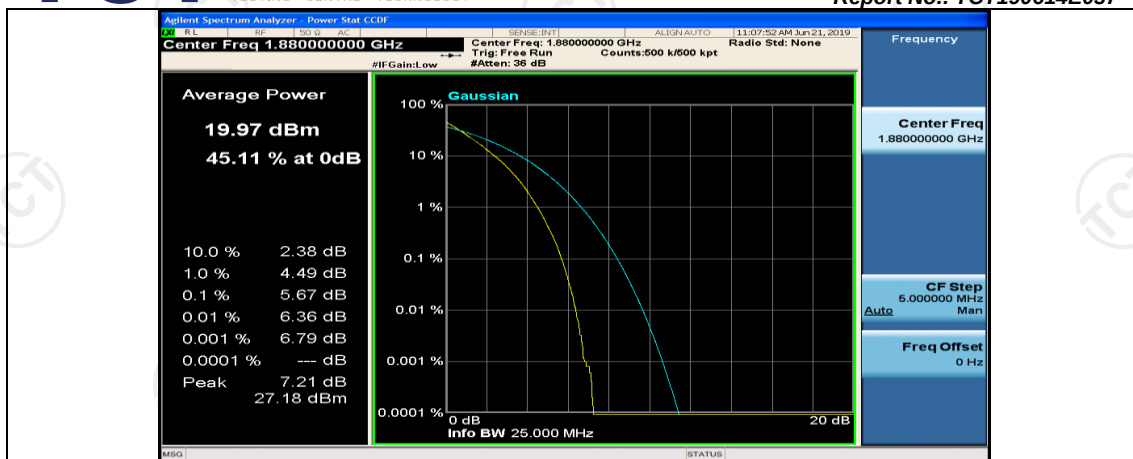


(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49

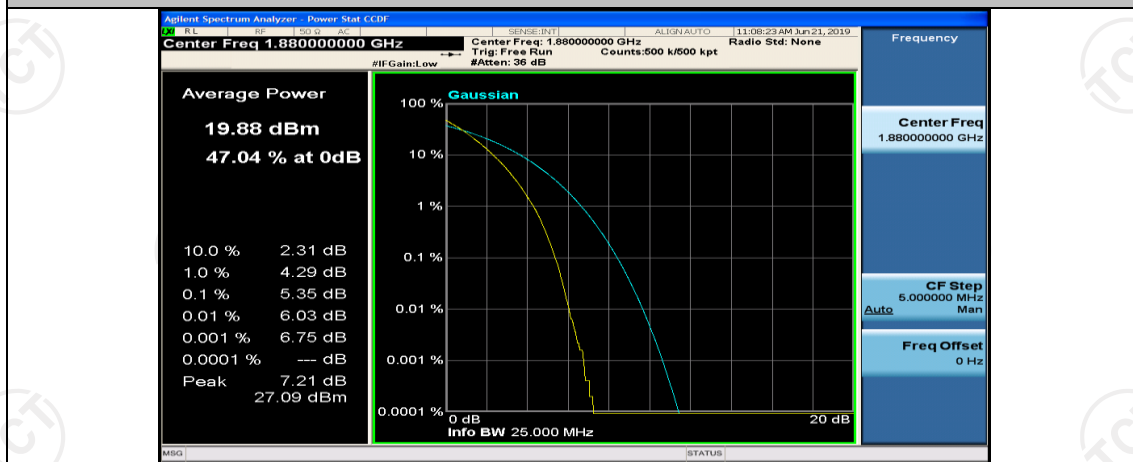


(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#99

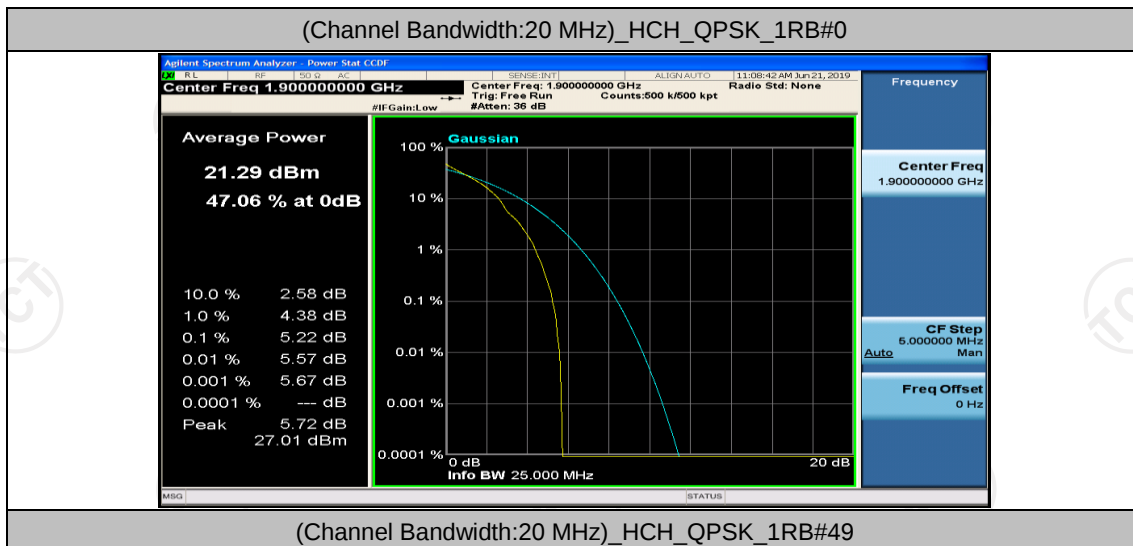




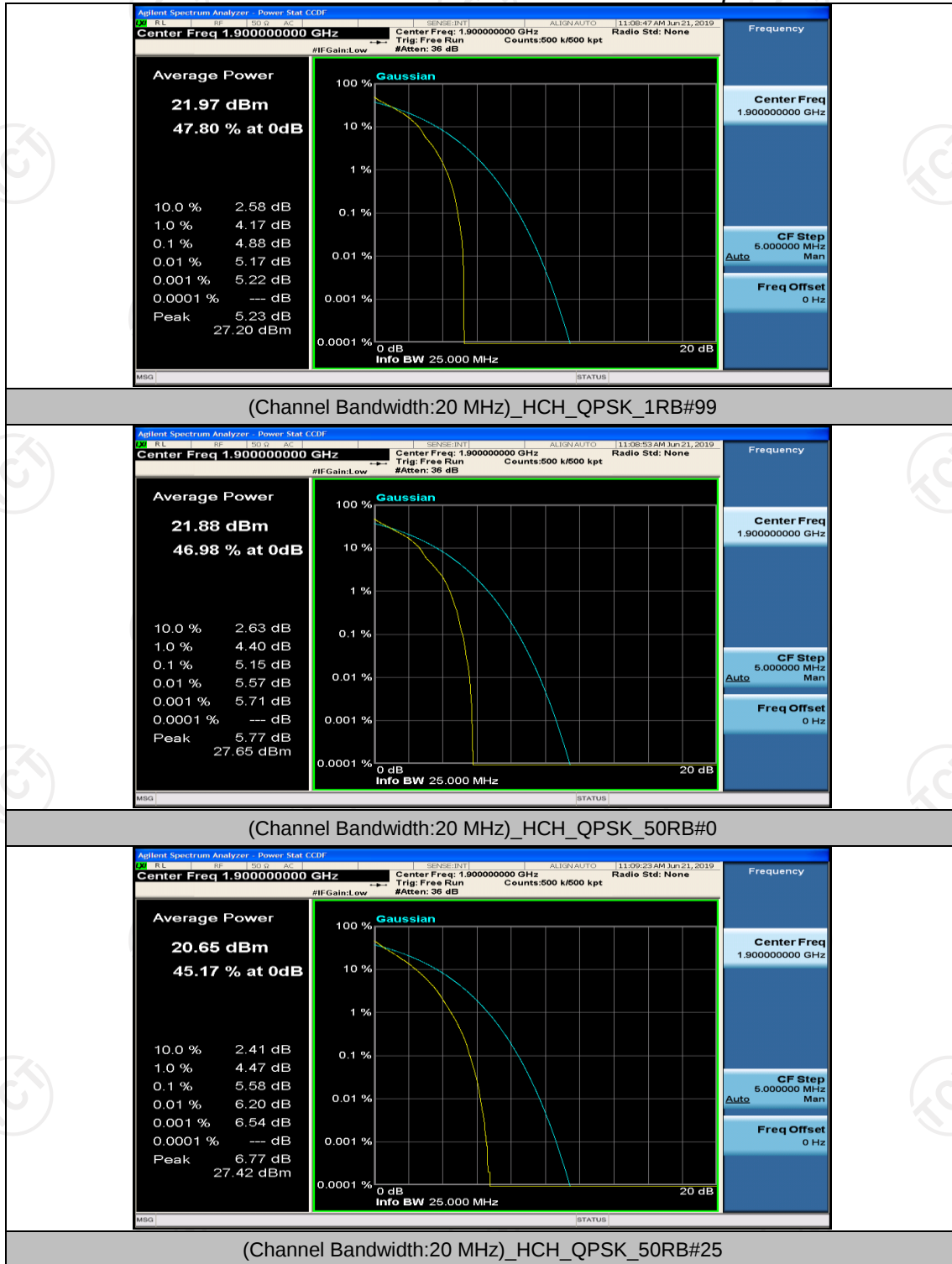
(Channel Bandwidth:20 MHz)_MCH_QPSK_100RB#0

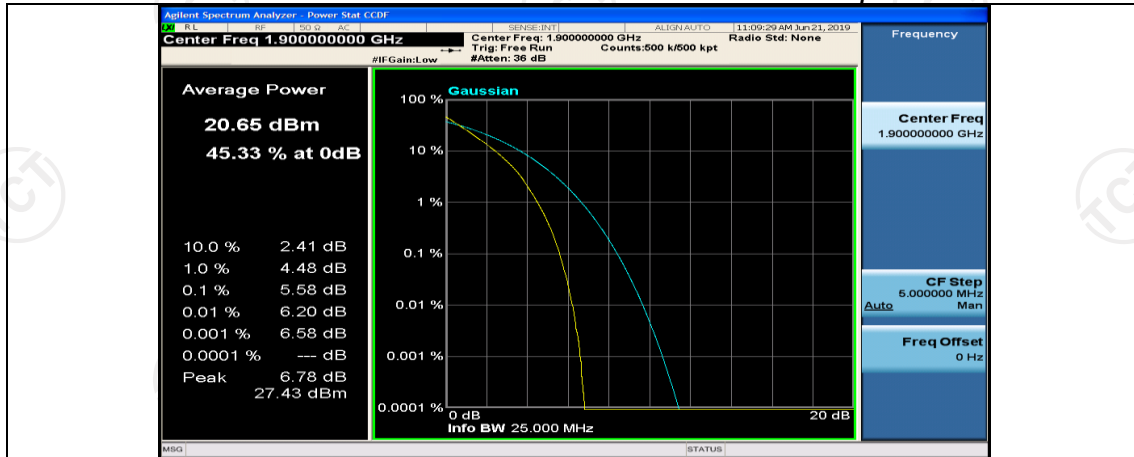


(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0

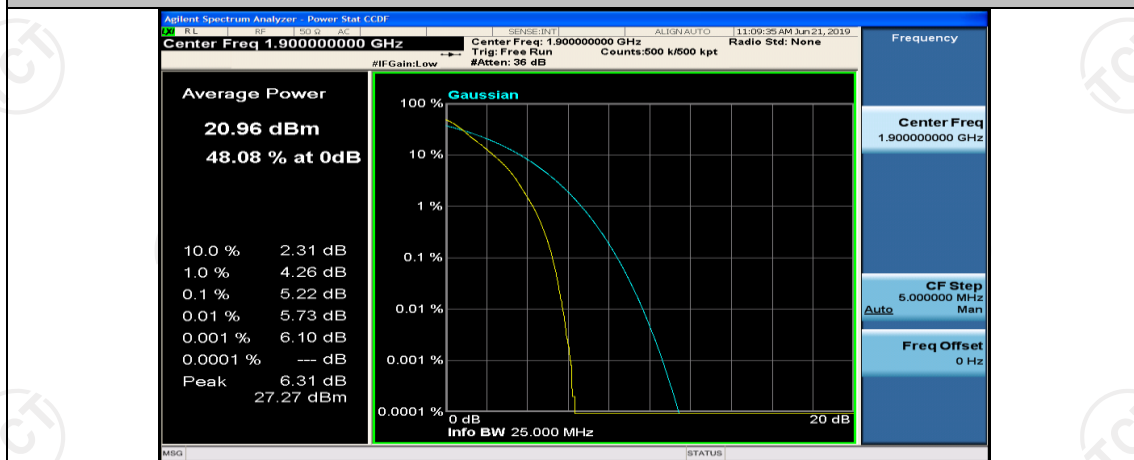


(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49

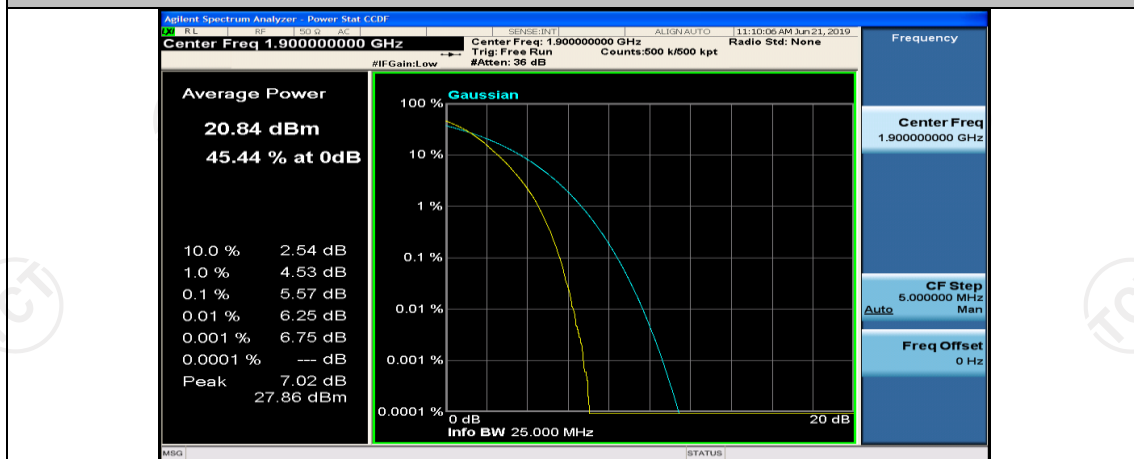




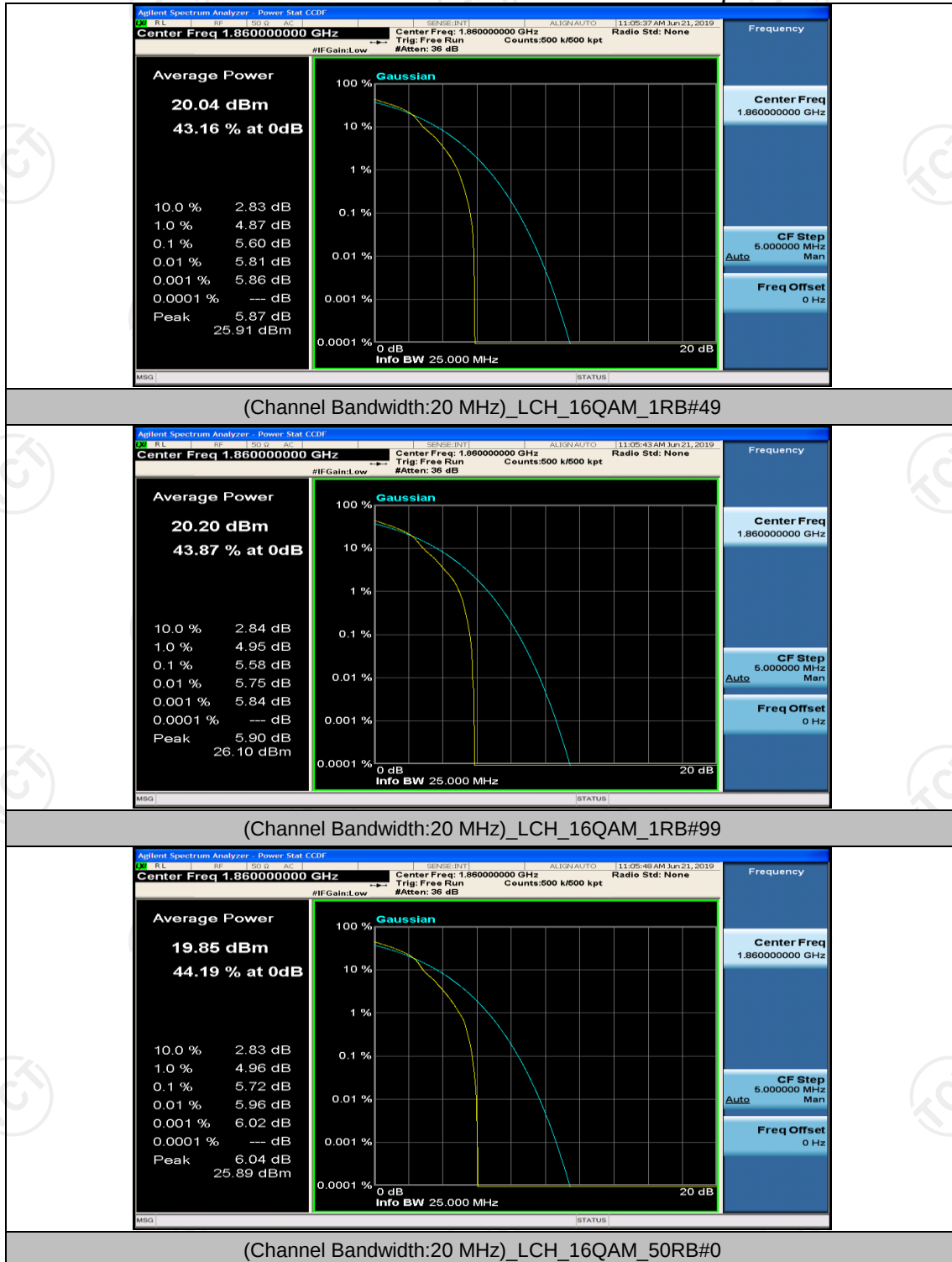
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#50

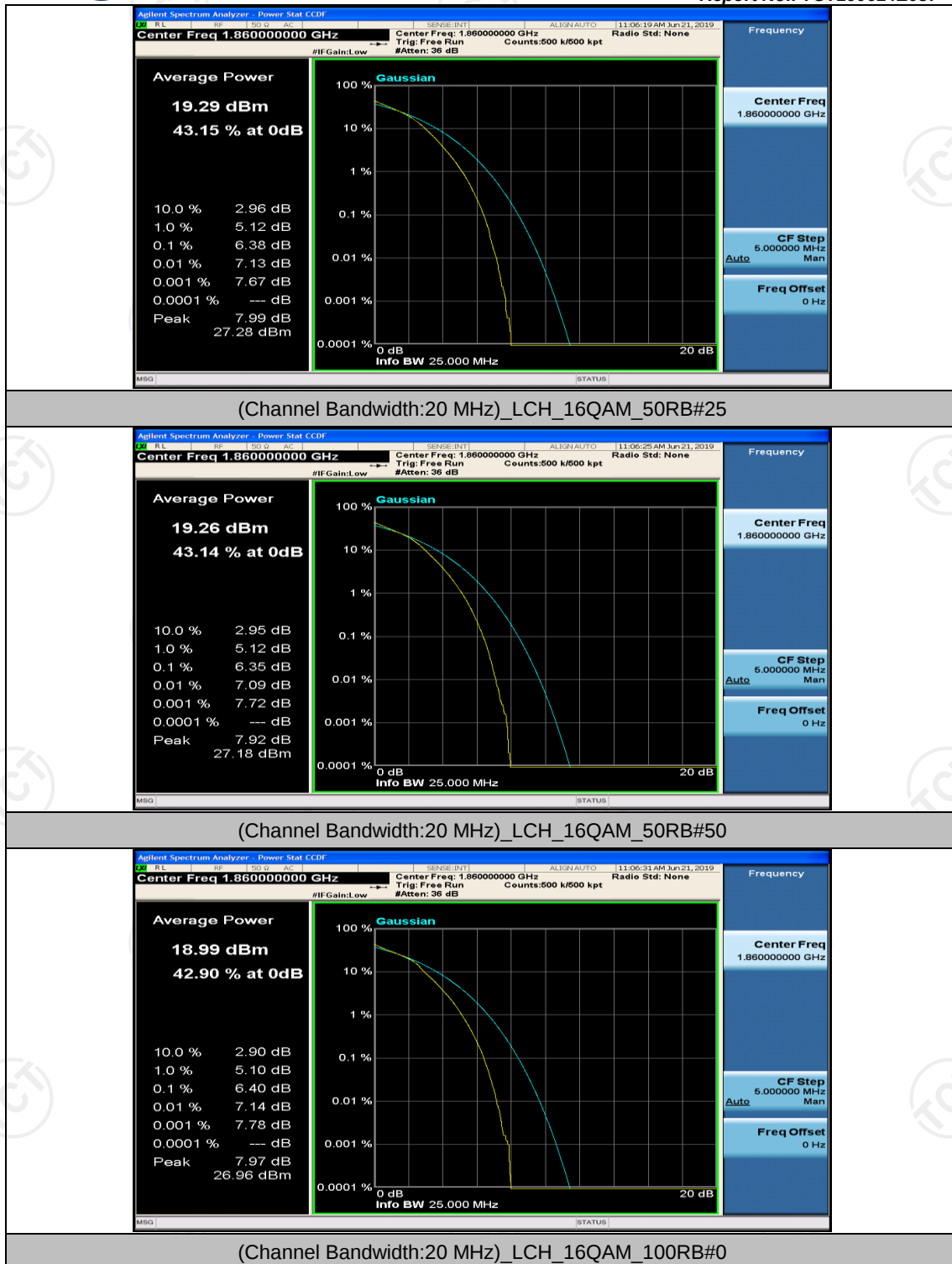


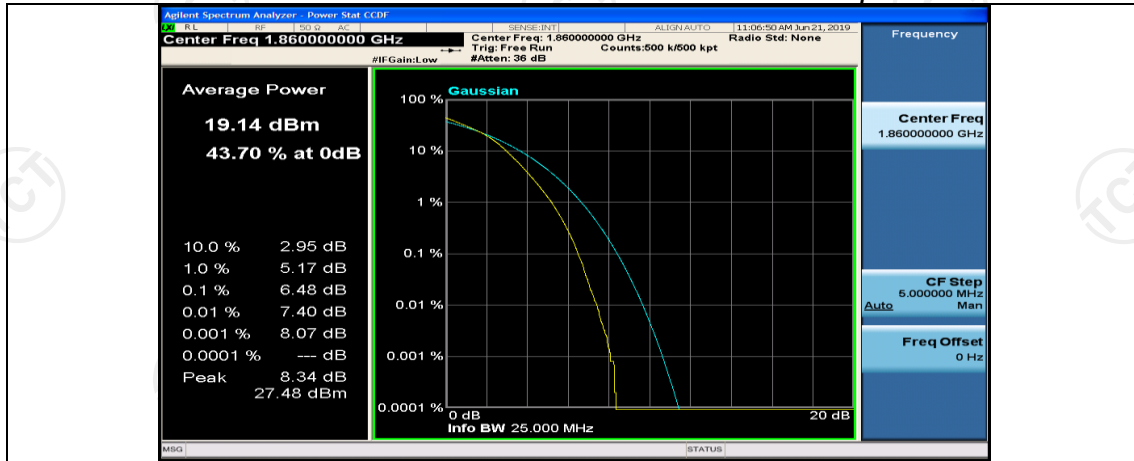
(Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0



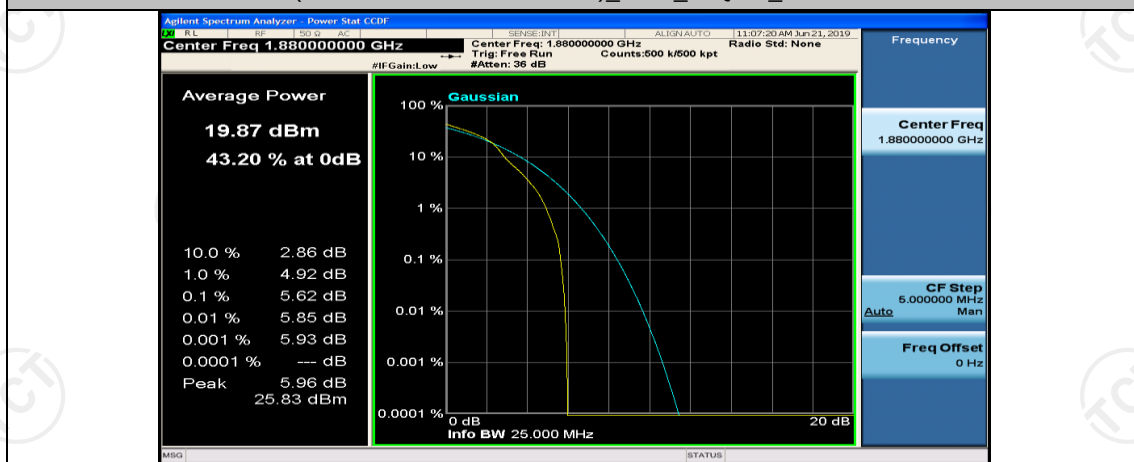
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0



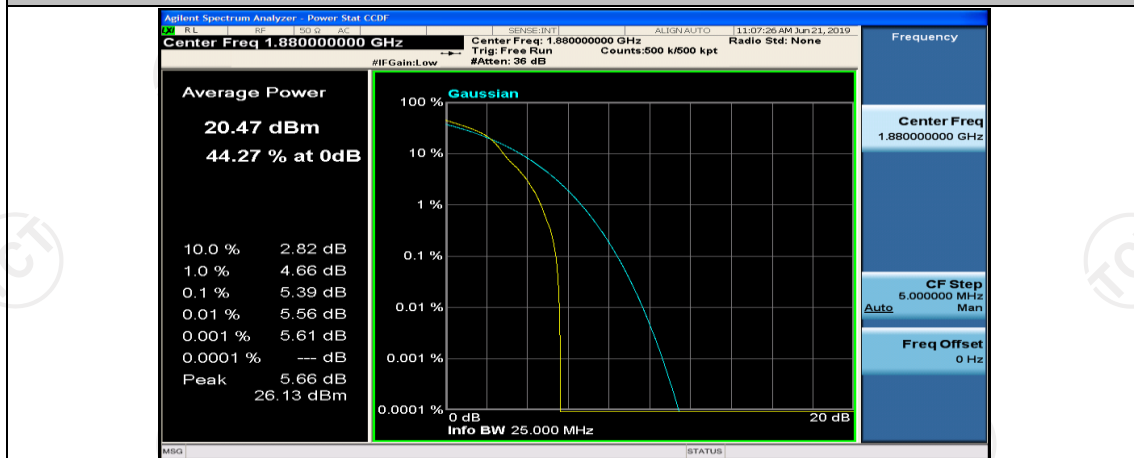




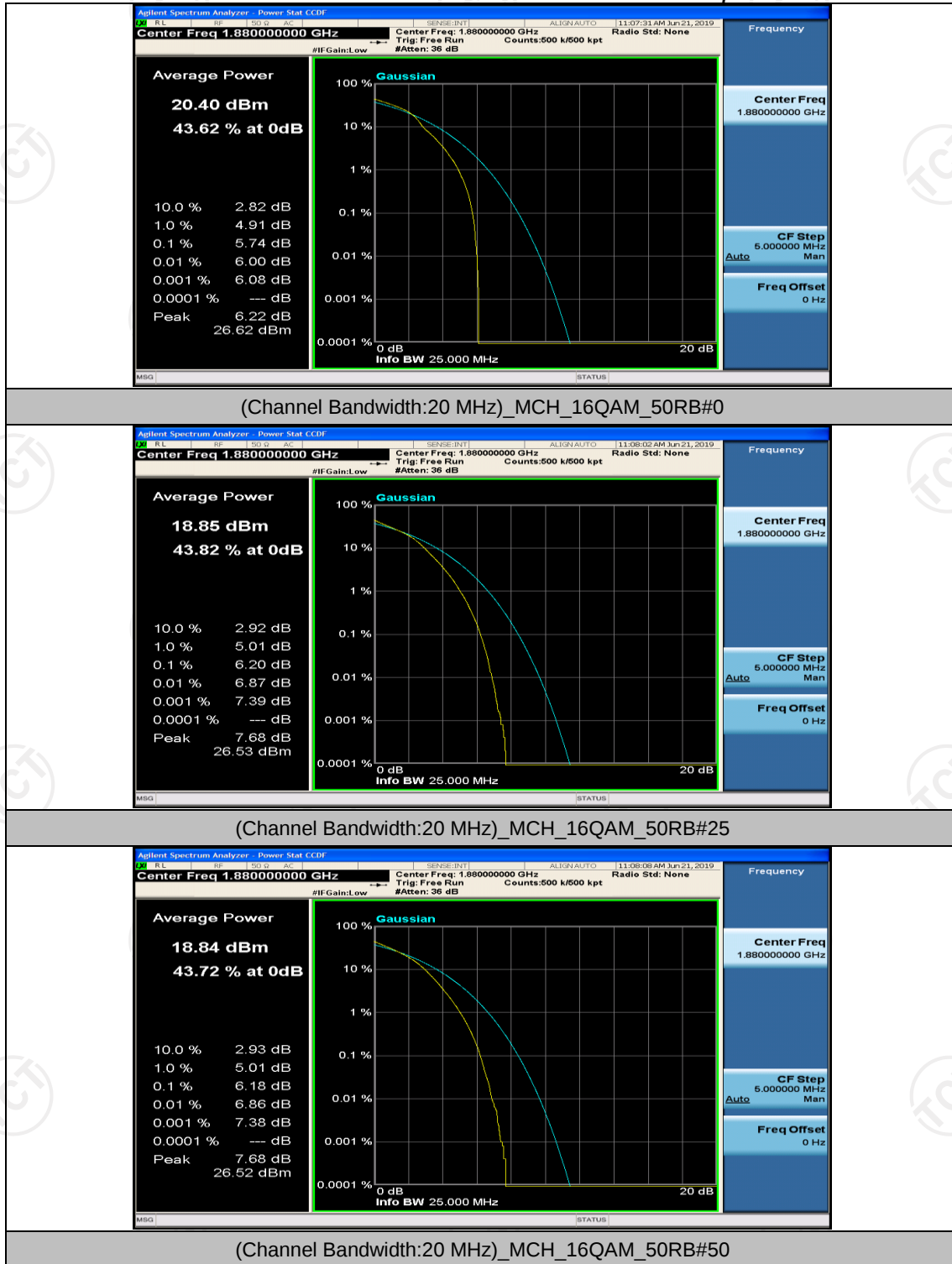
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0

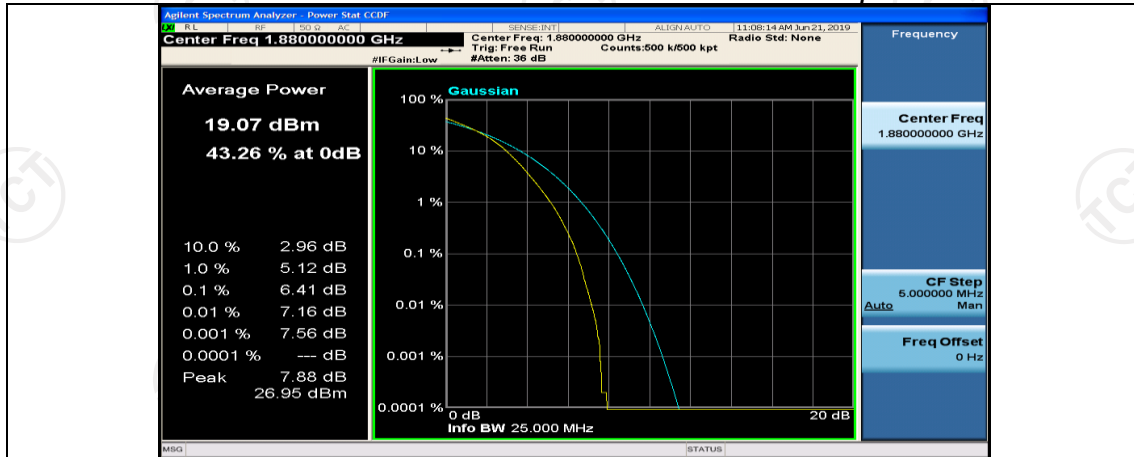


(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49

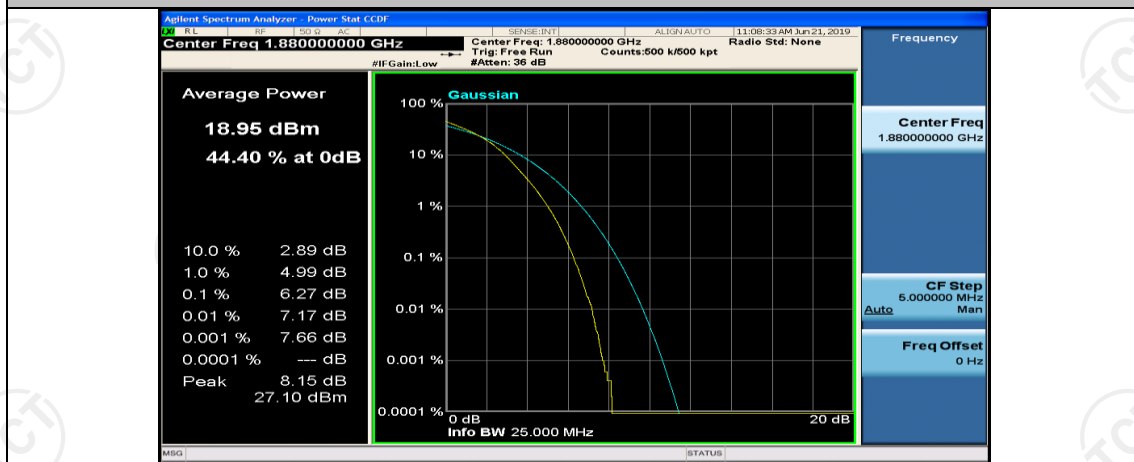


(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#99

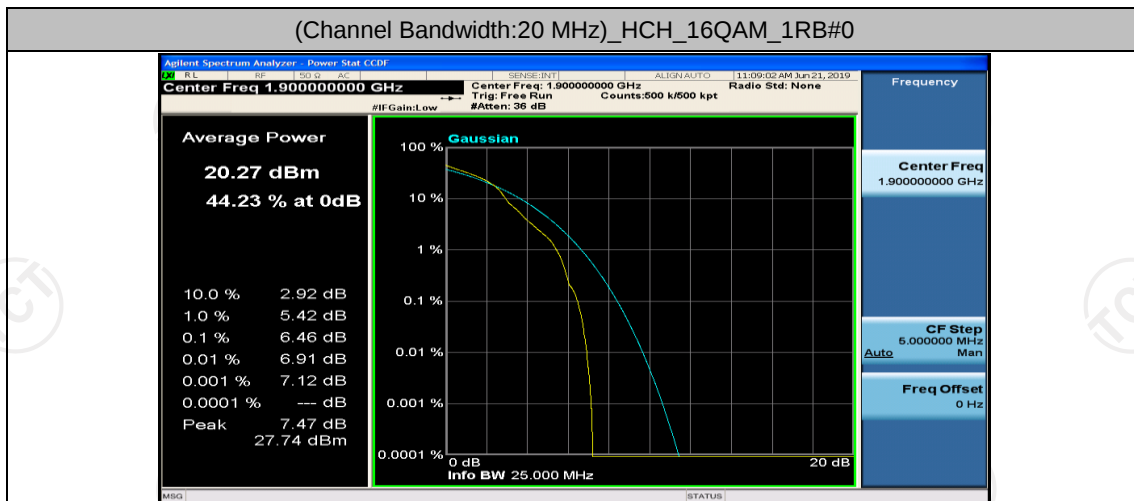




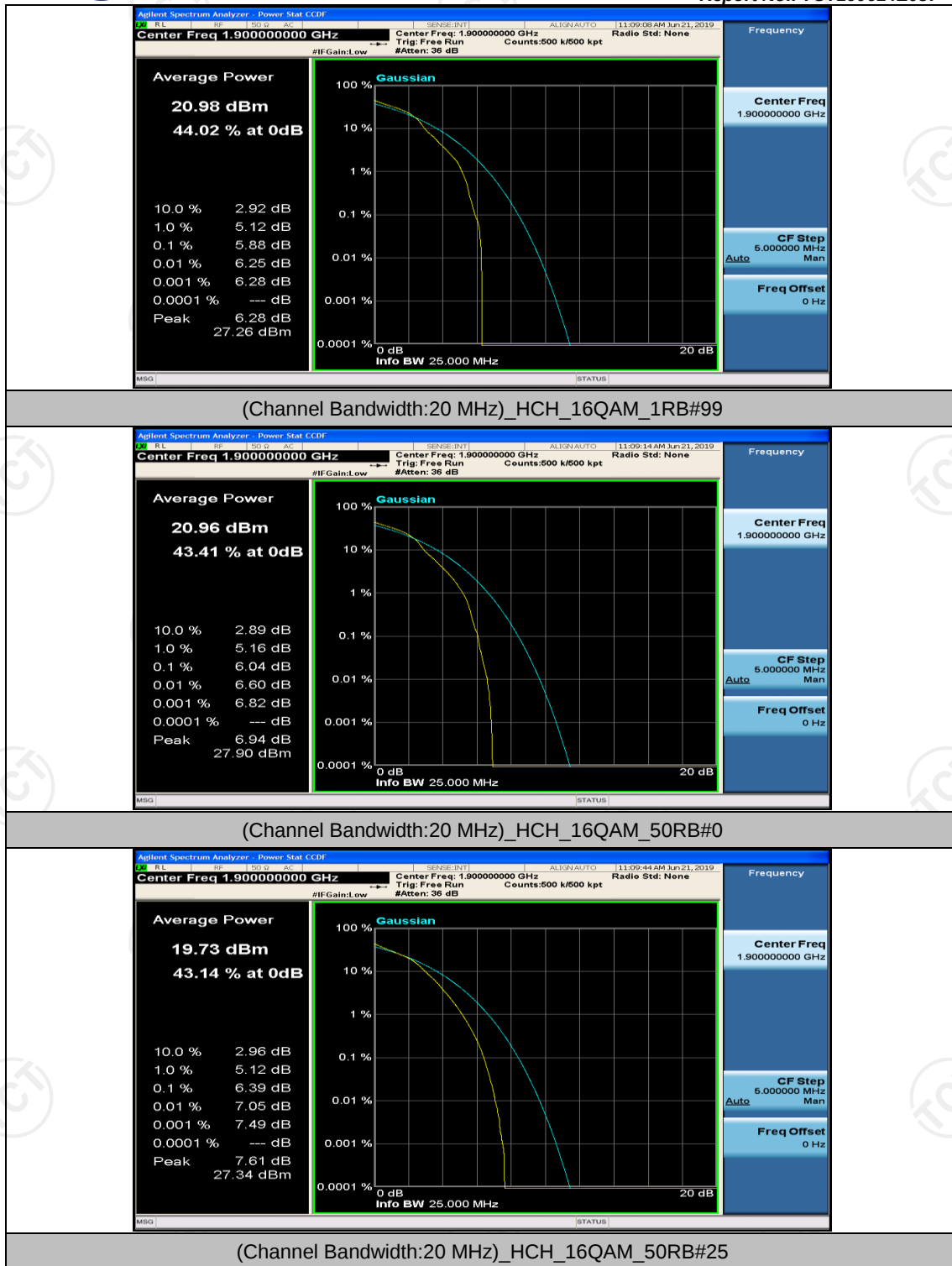
(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0

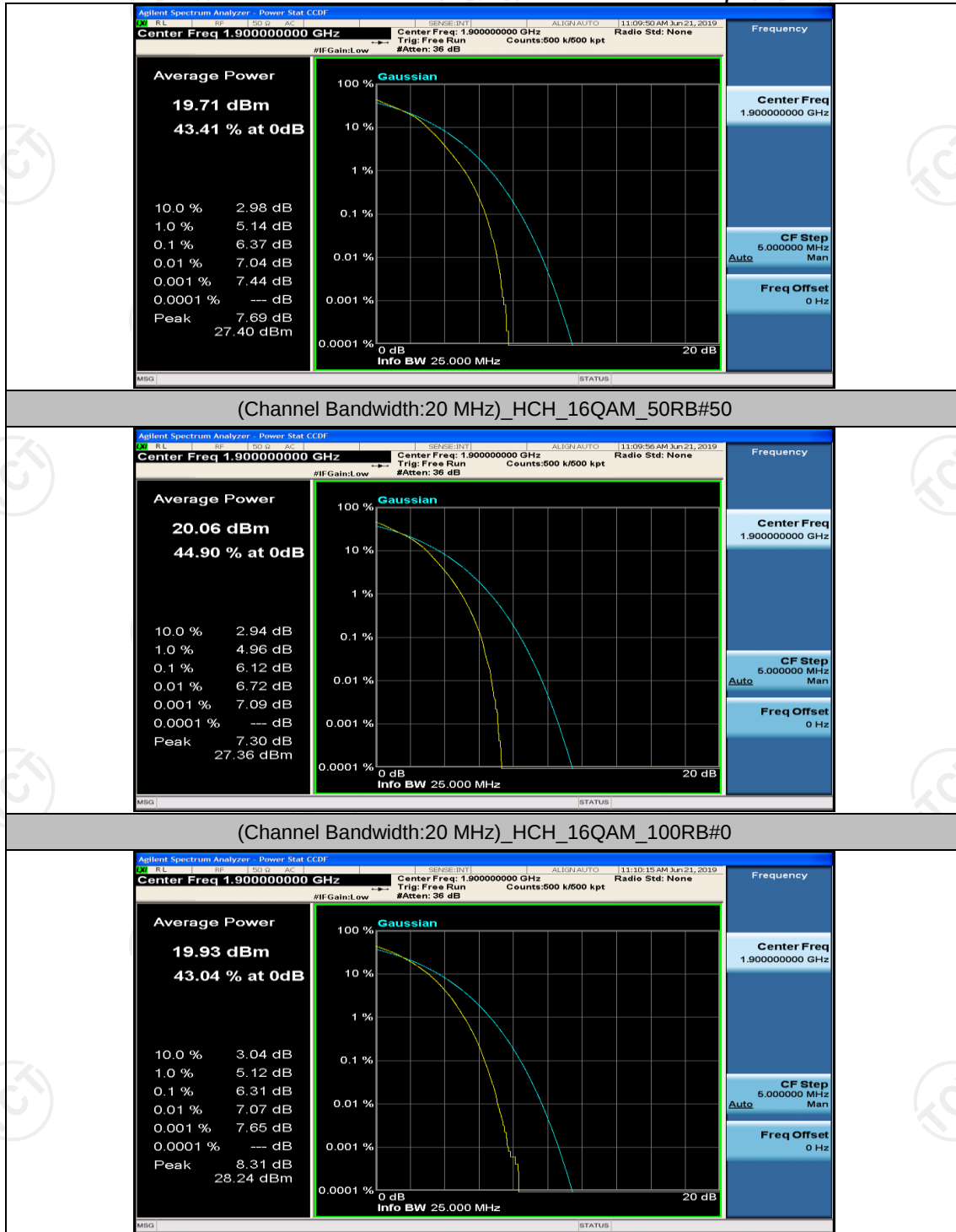


(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0



(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	0.22090	0.3409	PASS
		1	3	0.22307	0.3394	PASS
		1	5	0.22620	0.3504	PASS
		3	0	0.55088	0.6851	PASS
		3	2	0.55044	0.7007	PASS
		3	3	0.55183	0.7058	PASS
		6	0	1.0755	1.213	PASS
	MCH	1	0	0.22267	0.3517	PASS
		1	3	0.22563	0.3544	PASS
		1	5	0.22730	0.3638	PASS
		3	0	0.55189	0.6906	PASS
		3	2	0.55258	0.7349	PASS
		3	3	0.55229	0.7110	PASS
		6	0	1.0768	1.216	PASS
	HCH	1	0	0.22093	0.3528	PASS
		1	3	0.22928	0.3575	PASS
		1	5	0.22750	0.3485	PASS
		3	0	0.55207	0.7127	PASS
		3	2	0.55231	0.7240	PASS
		3	3	0.55378	0.7132	PASS
		6	0	1.0769	1.232	PASS
16QAM	LCH	1	0	0.23061	0.3534	PASS
		1	3	0.23440	0.3753	PASS
		1	5	0.23223	0.3781	PASS
		3	0	0.55036	0.7041	PASS
		3	2	0.54859	0.6922	PASS
		3	3	0.55456	0.7454	PASS
		6	0	1.0764	1.244	PASS
	MCH	1	0	0.23125	0.3528	PASS
		1	3	0.23038	0.3518	PASS

		1	5	0.23066	0.3720	PASS
		3	0	0.55062	0.6975	PASS
		3	2	0.54968	0.7116	PASS
		3	3	0.55422	0.7187	PASS
		6	0	1.0778	1.236	PASS
	HCH	1	0	0.23370	0.3701	PASS
		1	3	0.22956	0.3358	PASS
		1	5	0.23063	0.3520	PASS
		3	0	0.54902	0.7126	PASS
		3	2	0.55026	0.6943	PASS
		3	3	0.55123	0.7100	PASS
		6	0	1.0764	1.217	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	0.25838	0.3918	PASS
		1	7	0.25679	0.4076	PASS
		1	14	0.26025	0.4033	PASS
		8	0	1.4401	1.649	PASS
		8	4	1.4448	1.647	PASS
		8	7	1.4390	1.646	PASS
		15	0	2.6763	2.812	PASS
	MCH	1	0	0.25607	0.3971	PASS
		1	7	0.25489	0.4459	PASS
		1	14	0.25826	0.4211	PASS
		8	0	1.4430	1.688	PASS
		8	4	1.4425	1.661	PASS
		8	7	1.4428	1.647	PASS
		15	0	2.6746	2.812	PASS
	HCH	1	0	0.25164	0.3852	PASS
		1	7	0.26746	0.4126	PASS
		1	14	0.26244	0.4170	PASS
		8	0	1.4422	1.650	PASS
		8	4	1.4443	1.621	PASS
		8	7	1.4407	1.633	PASS
		15	0	2.6833	2.825	PASS
16QAM	LCH	1	0	0.26008	0.4083	PASS

		1	7	0.26613	0.4204	PASS
		1	14	0.26061	0.3856	PASS
		8	0	1.4472	1.648	PASS
		8	4	1.4453	1.634	PASS
		8	7	1.4467	1.625	PASS
		15	0	2.6741	2.829	PASS
	MCH	1	0	0.26393	0.4073	PASS
		1	7	0.26424	0.4002	PASS
		1	14	0.26339	0.3939	PASS
		8	0	1.4475	1.653	PASS
		8	4	1.4434	1.655	PASS
		8	7	1.4482	1.626	PASS
		15	0	2.6780	2.837	PASS
	HCH	1	0	0.25459	0.3912	PASS
		1	7	0.26166	0.4101	PASS
		1	14	0.26922	0.4238	PASS
		8	0	1.4458	1.599	PASS
		8	4	1.4434	1.618	PASS
		8	7	1.4446	1.617	PASS
		15	0	2.6763	2.836	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	0.36614	0.5518	PASS
		1	12	0.34162	0.6267	PASS
		1	24	0.38725	0.5825	PASS
		12	0	2.1760	2.529	PASS
		12	6	2.1741	2.498	PASS
		12	13	2.1752	2.518	PASS
		25	0	4.4692	4.769	PASS
	MCH	1	0	0.36377	0.5591	PASS
		1	12	0.35241	0.5963	PASS
		1	24	0.37759	0.5784	PASS
		12	0	2.1762	2.551	PASS
		12	6	2.1738	2.551	PASS
		12	13	2.1742	2.576	PASS
		25	0	4.4672	4.743	PASS

	HCH	1	0	0.37102	0.5901	PASS
		1	12	0.35348	0.5811	PASS
		1	24	0.36771	0.6034	PASS
		12	0	2.1754	2.529	PASS
		12	6	2.1692	2.492	PASS
		12	13	2.1778	2.500	PASS
		25	0	4.4647	4.686	PASS
16QAM	LCH	1	0	0.38861	0.6004	PASS
		1	12	0.37590	0.5915	PASS
		1	24	0.38242	0.5708	PASS
		12	0	2.1749	2.488	PASS
		12	6	2.1793	2.543	PASS
		12	13	2.1764	2.565	PASS
		25	0	4.4771	4.717	PASS
	MCH	1	0	0.37682	0.5592	PASS
		1	12	0.38326	0.6195	PASS
		1	24	0.38846	0.5563	PASS
		12	0	2.1719	2.470	PASS
		12	6	2.1690	2.539	PASS
		12	13	2.1736	2.516	PASS
		25	0	4.4681	4.724	PASS
	HCH	1	0	0.35765	0.5153	PASS
		1	12	0.34802	0.5755	PASS
		1	24	0.37553	0.5571	PASS
		12	0	2.1701	2.462	PASS
		12	6	2.1647	2.458	PASS
		12	13	2.1689	2.445	PASS
		25	0	4.4624	4.752	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	0.47290	0.7476	PASS
		1	25	0.43752	0.6719	PASS
		1	49	0.47991	0.7265	PASS
		25	0	4.5026	4.873	PASS
		25	12	4.5155	4.895	PASS
		25	25	4.5064	4.949	PASS
		50	0	8.9452	9.394	PASS
	MCH	1	0	0.47673	0.6888	PASS

		1	25	0.42298	0.6460	PASS
		1	49	0.47536	0.7020	PASS
		25	0	4.5103	4.936	PASS
		25	12	4.5066	4.948	PASS
		25	25	4.5016	4.957	PASS
		50	0	8.9253	9.318	PASS
	HCH	1	0	0.49836	0.7081	PASS
		1	25	0.45266	0.7146	PASS
		1	49	0.50211	0.7032	PASS
		25	0	4.5126	4.961	PASS
		25	12	4.5078	4.973	PASS
		25	25	4.4939	4.968	PASS
		50	0	8.9063	9.316	PASS
16QAM	LCH	1	0	0.45682	0.6758	PASS
		1	25	0.43621	0.6901	PASS
		1	49	0.50425	0.7838	PASS
		25	0	4.5044	4.937	PASS
		25	12	4.5092	4.966	PASS
		25	25	4.5067	4.985	PASS
		50	0	8.9346	9.349	PASS
	MCH	1	0	0.48590	0.6990	PASS
		1	25	0.46693	0.6940	PASS
		1	49	0.51013	0.7405	PASS
		25	0	4.4981	4.910	PASS
		25	12	4.5039	4.926	PASS
		25	25	4.5102	4.981	PASS
		50	0	8.9068	9.330	PASS
	HCH	1	0	0.49355	0.7974	PASS
		1	25	0.43905	0.7139	PASS
		1	49	0.53569	0.7522	PASS
		25	0	4.5043	4.932	PASS
		25	12	4.5012	4.938	PASS
		25	25	4.4975	5.003	PASS
		50	0	8.9119	9.294	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	0.56959	0.8530	PASS

		1	37	0.54699	0.8290	PASS
		1	74	0.55244	0.8118	PASS
		37	0	13.421	14.02	PASS
		37	18	13.420	14.08	PASS
		37	38	13.426	14.04	PASS
		75	0	13.430	14.02	PASS
	MCH	1	0	0.58940	0.8692	PASS
		1	37	0.53083	0.8042	PASS
		1	74	0.55321	0.8019	PASS
		37	0	13.360	14.01	PASS
		37	18	13.357	13.91	PASS
		37	38	13.353	13.98	PASS
	HCH	75	0	13.355	14.00	PASS
		1	0	0.56909	0.8703	PASS
		1	37	0.52171	0.7853	PASS
		1	74	0.58186	0.7836	PASS
		37	0	13.349	13.91	PASS
		37	18	13.333	13.88	PASS
16QAM	LCH	37	38	13.338	13.91	PASS
		75	0	13.342	13.92	PASS
		1	0	0.57524	0.8229	PASS
		1	37	0.52378	0.7790	PASS
		1	74	0.57116	0.8066	PASS
		37	0	13.413	14.05	PASS
	MCH	37	18	13.418	14.03	PASS
		37	38	13.418	14.00	PASS
		75	0	13.413	13.96	PASS
		1	0	0.58927	0.8294	PASS
		1	37	0.55110	0.7669	PASS
		1	74	0.58760	0.8670	PASS
	HCH	37	0	13.351	13.96	PASS
		37	18	13.334	13.94	PASS
		37	38	13.356	13.96	PASS
		75	0	13.351	13.91	PASS
		1	0	0.58832	0.8012	PASS
		1	37	0.53597	0.8080	PASS
		1	74	0.59582	0.7835	PASS
		37	0	13.350	13.93	PASS
		37	18	13.336	13.94	PASS
		37	38	13.349	13.91	PASS
		75	0	13.345	13.92	PASS

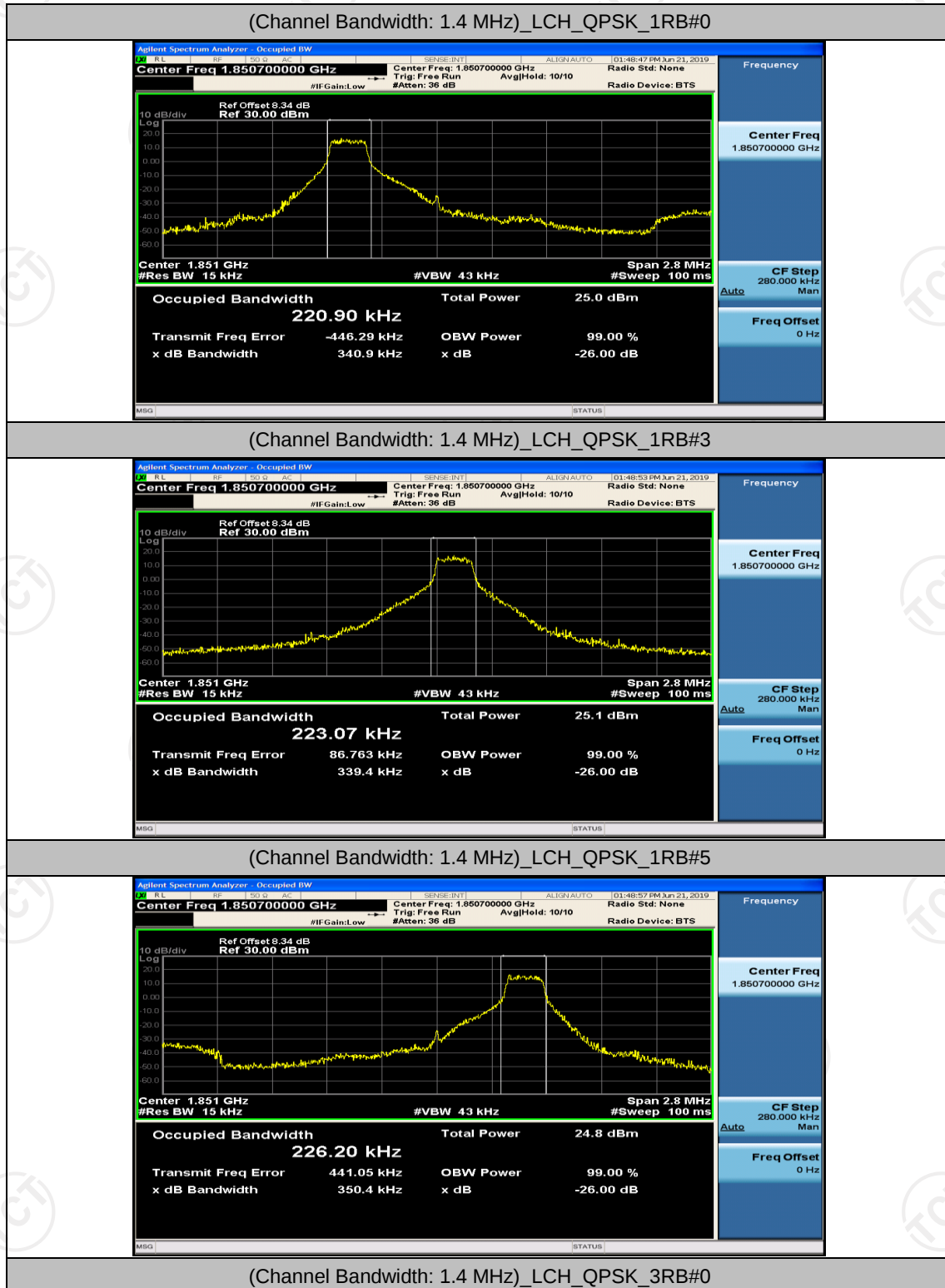
Channel Bandwidth: 20 MHz

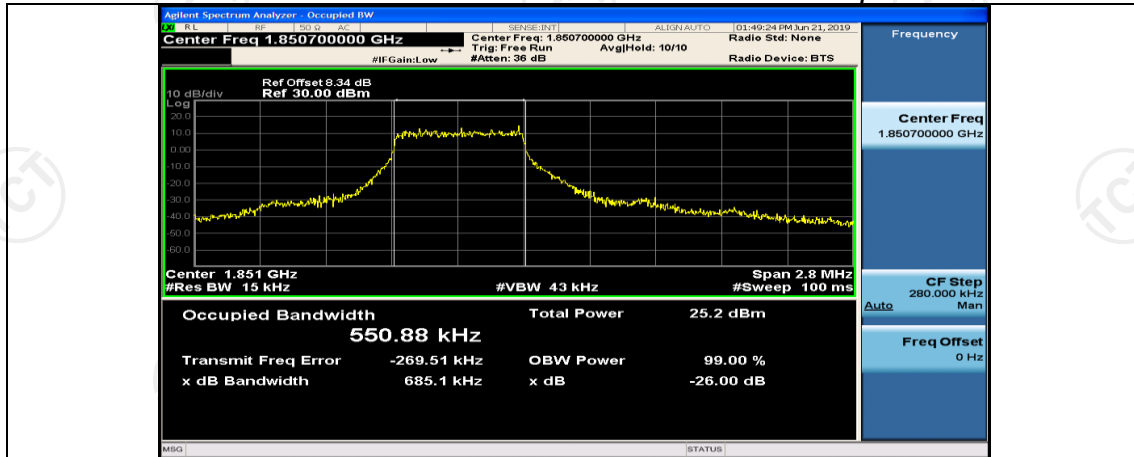
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.62720	0.8760	PASS
		1	50	0.60267	0.8634	PASS
		1	99	0.63465	0.8809	PASS
		50	0	8.9846	9.533	PASS
		50	25	8.9863	9.589	PASS
		50	50	8.9852	9.643	PASS
		100	0	17.906	18.53	PASS
	MCH	1	0	0.62370	0.8902	PASS
		1	50	0.60114	0.8833	PASS
		1	99	0.61594	0.8868	PASS
		50	0	8.9710	9.596	PASS
		50	25	8.9836	9.604	PASS
		50	50	8.9625	9.707	PASS
		100	0	17.800	18.53	PASS
	HCH	1	0	0.61883	0.8711	PASS
		1	50	0.60721	0.8780	PASS
		1	99	0.64597	0.9620	PASS
		50	0	9.0212	9.677	PASS
		50	25	9.0066	9.675	PASS
		50	50	8.9359	9.525	PASS
		100	0	17.807	18.50	PASS
16QAM	LCH	1	0	0.63905	0.9406	PASS
		1	50	0.63094	0.9116	PASS
		1	99	0.62559	0.9095	PASS
		50	0	8.9959	9.666	PASS
		50	25	8.9903	9.626	PASS
		50	50	9.0035	9.612	PASS
		100	0	17.886	18.58	PASS
	MCH	1	0	0.66536	0.9787	PASS
		1	50	0.62510	0.9137	PASS
		1	99	0.67617	0.9835	PASS
		50	0	8.9854	9.622	PASS
		50	25	8.9820	9.603	PASS
		50	50	8.9801	9.705	PASS
		100	0	17.769	18.51	PASS
	HCH	1	0	0.61321	0.8519	PASS

		1	50	0.60541	0.8225	PASS
		1	99	0.66615	0.9933	PASS
		50	0	9.0078	9.685	PASS
		50	25	9.0068	9.629	PASS
		50	50	8.9245	9.487	PASS
		100	0	17.805	18.46	PASS

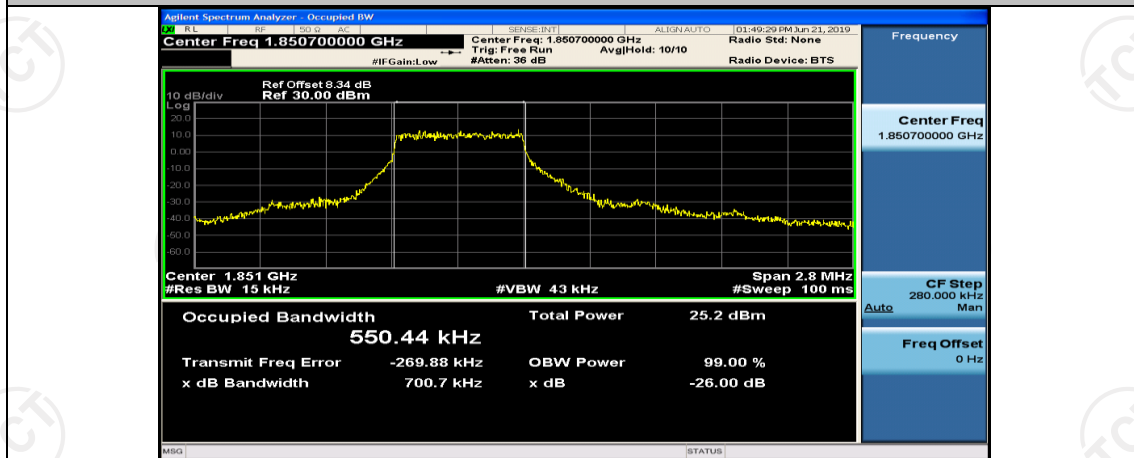
Test Graphs

Channel Bandwidth: 1.4 MHz

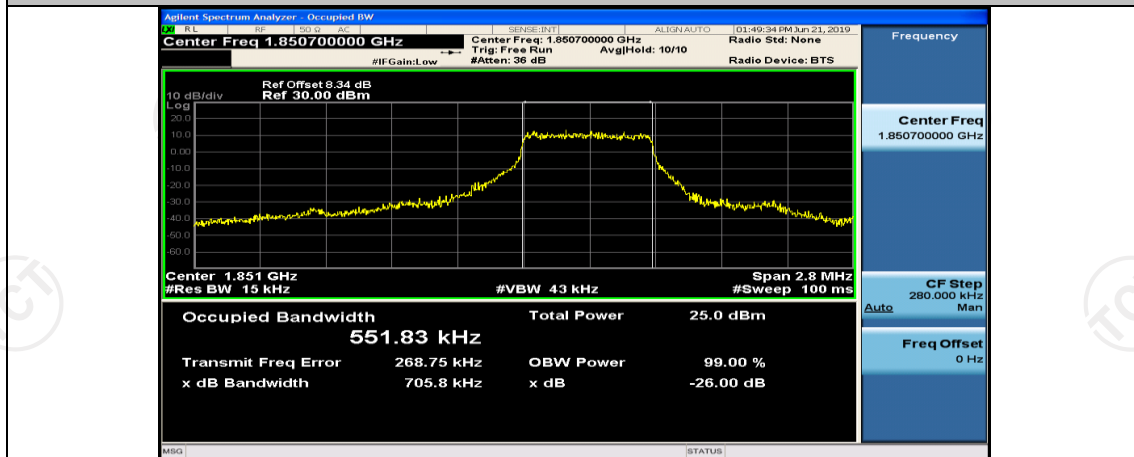




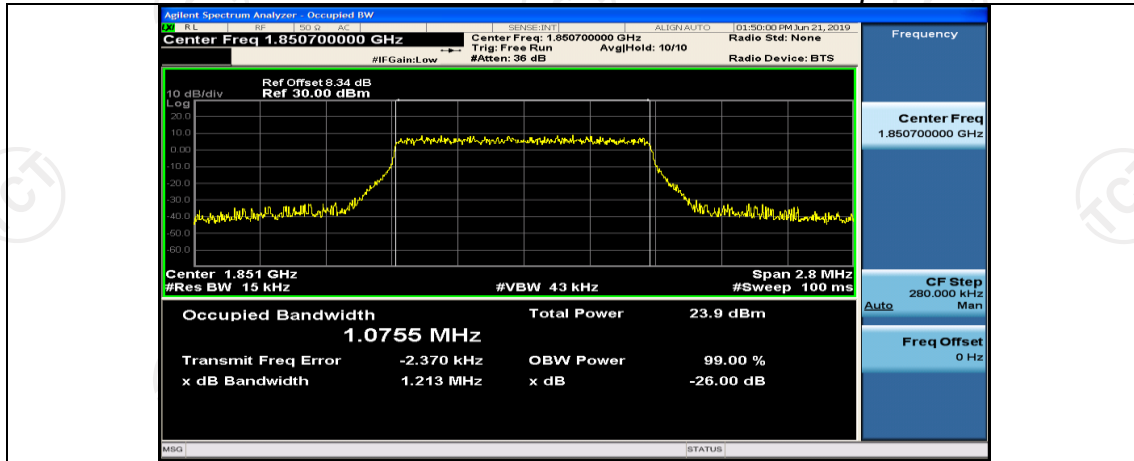
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2



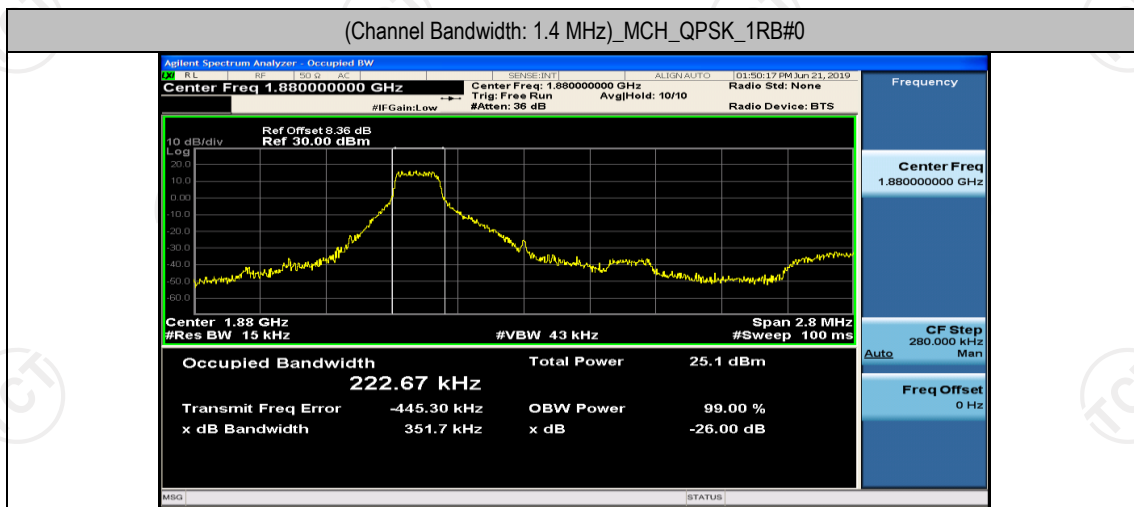
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#3



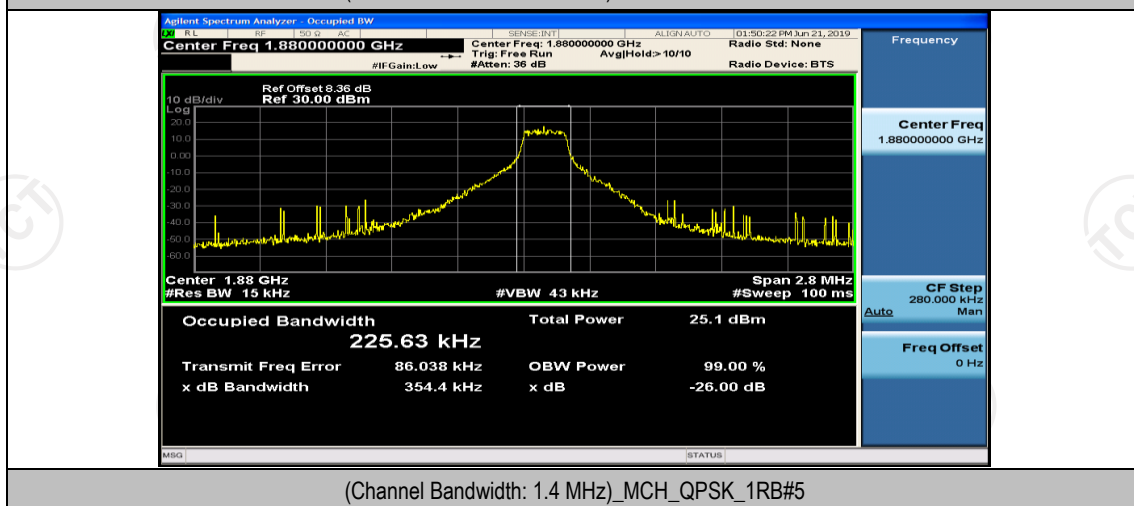
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



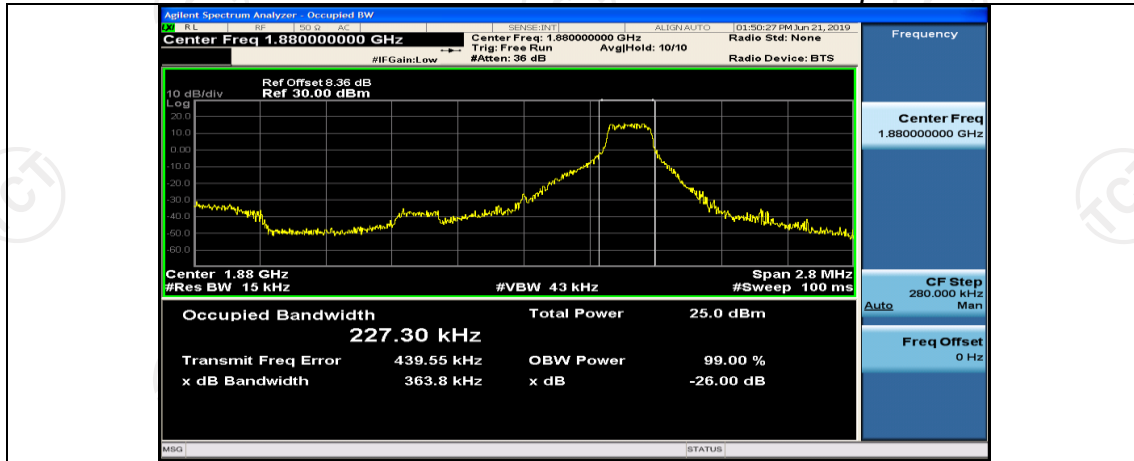
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



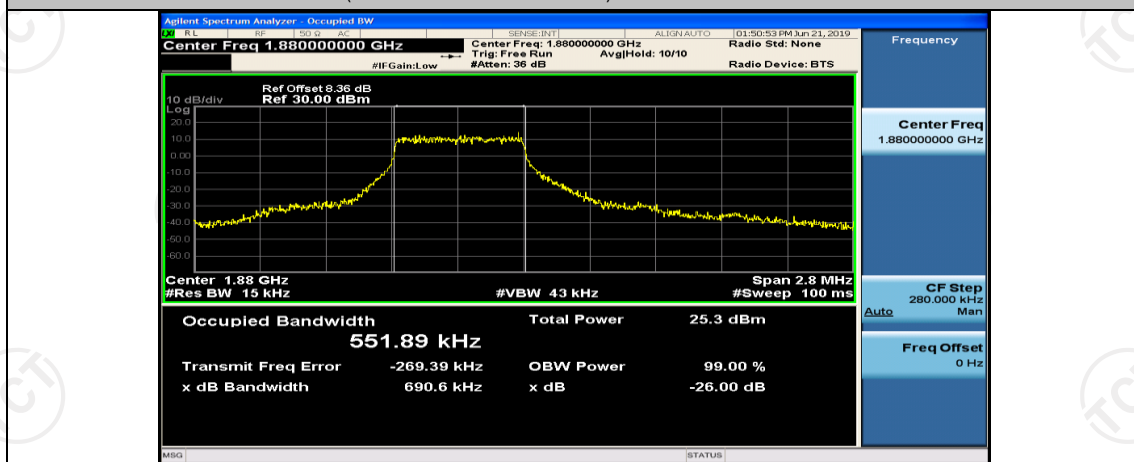
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



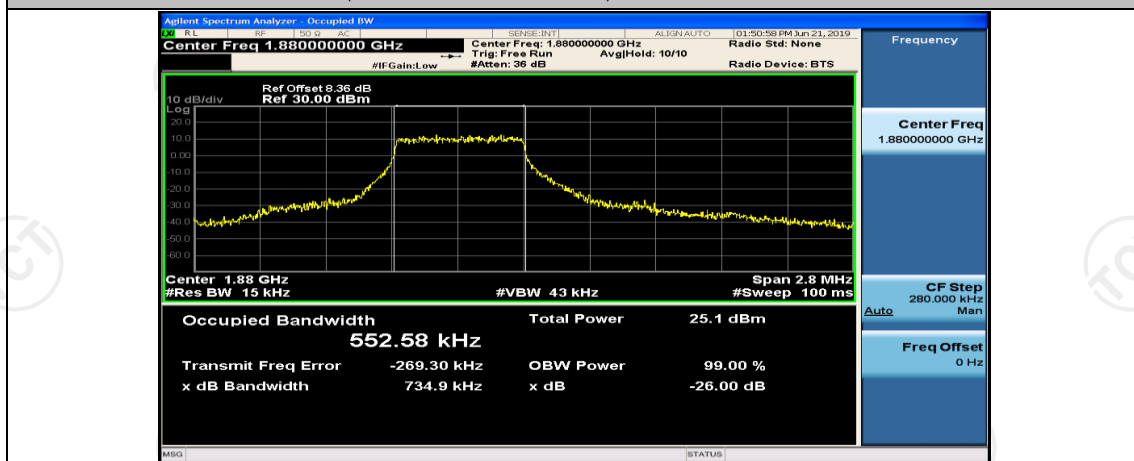
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5



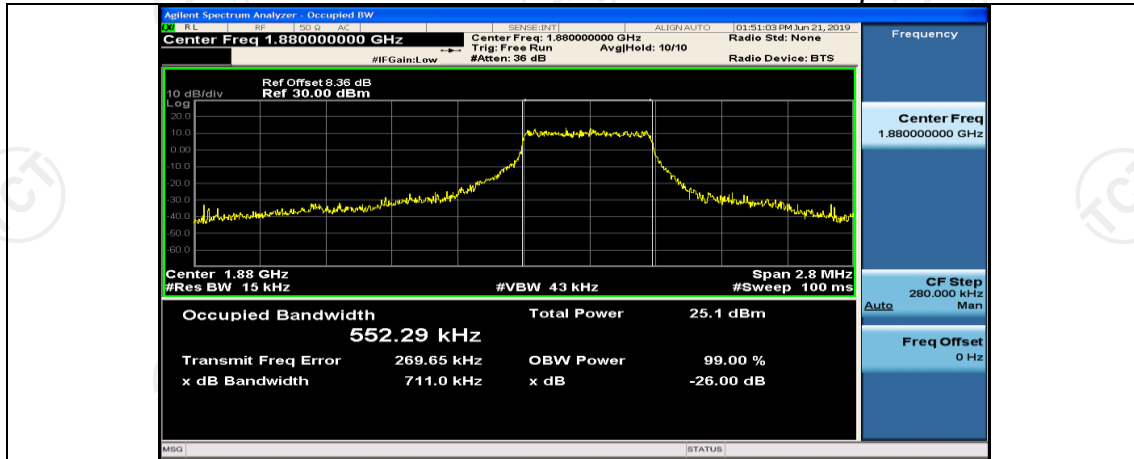
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#0



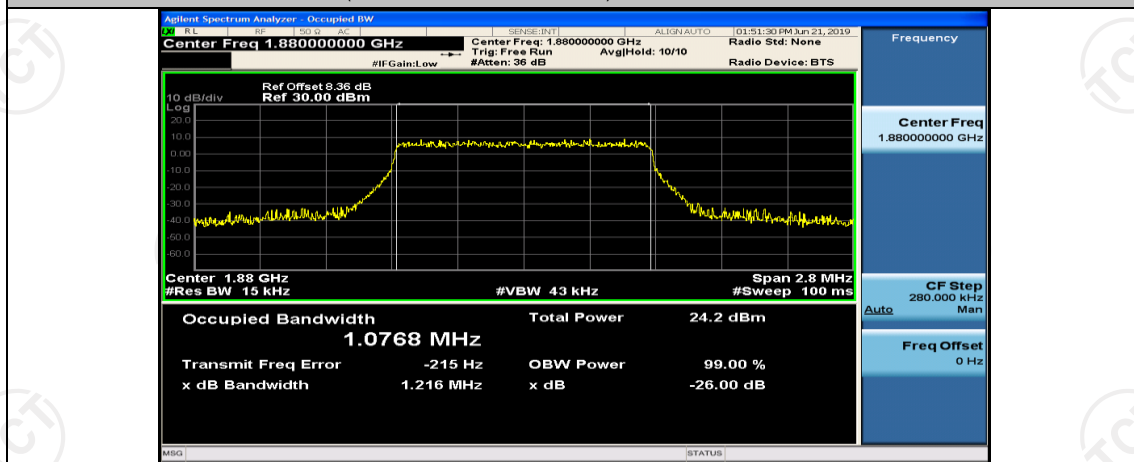
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#2



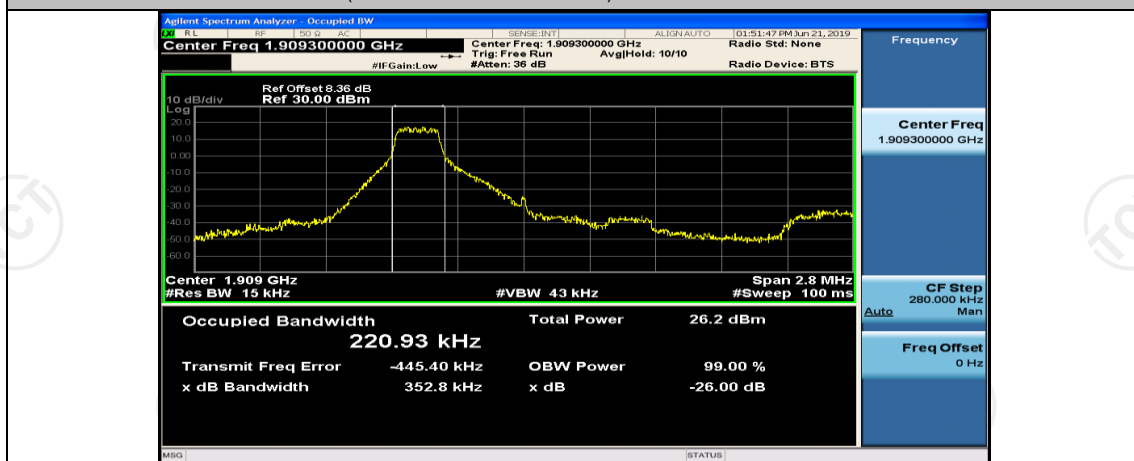
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#3



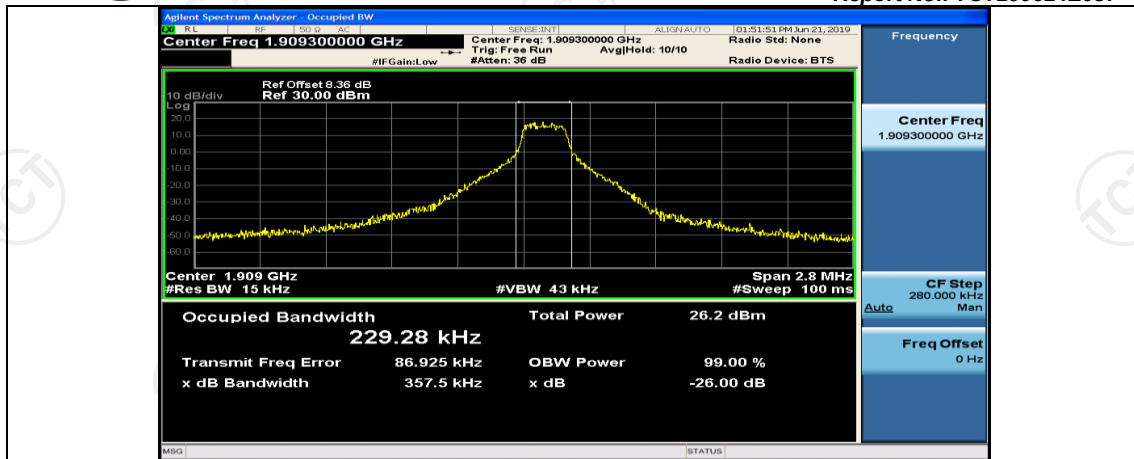
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



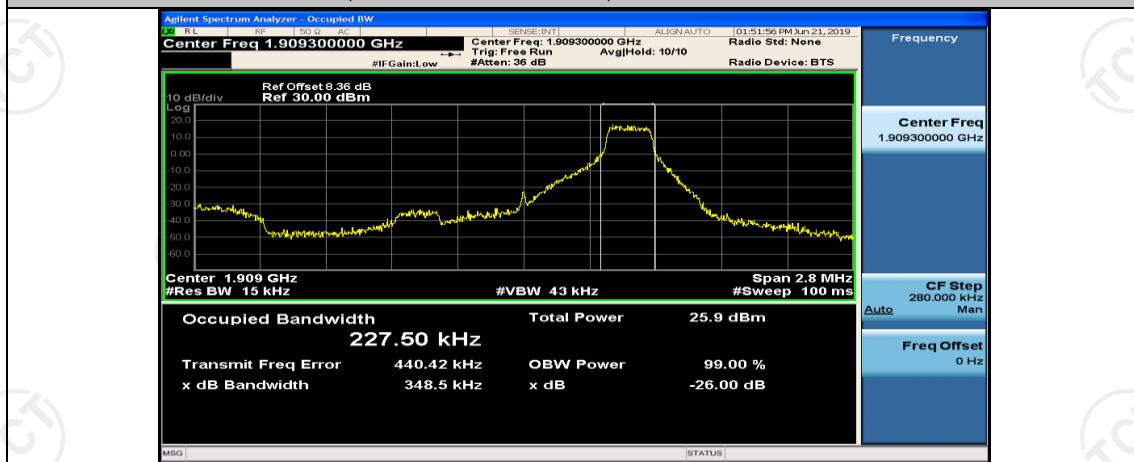
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



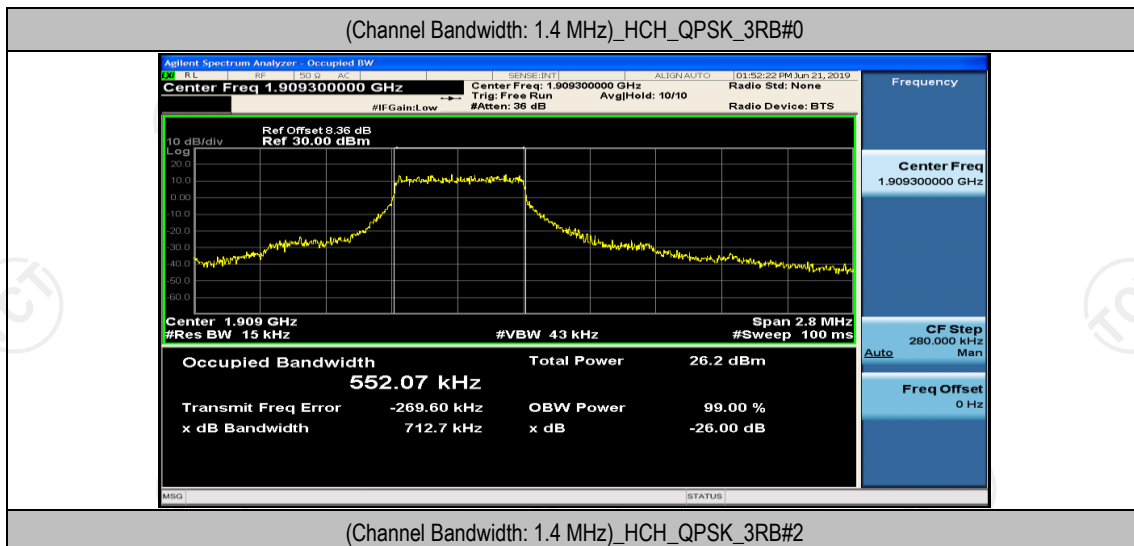
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3



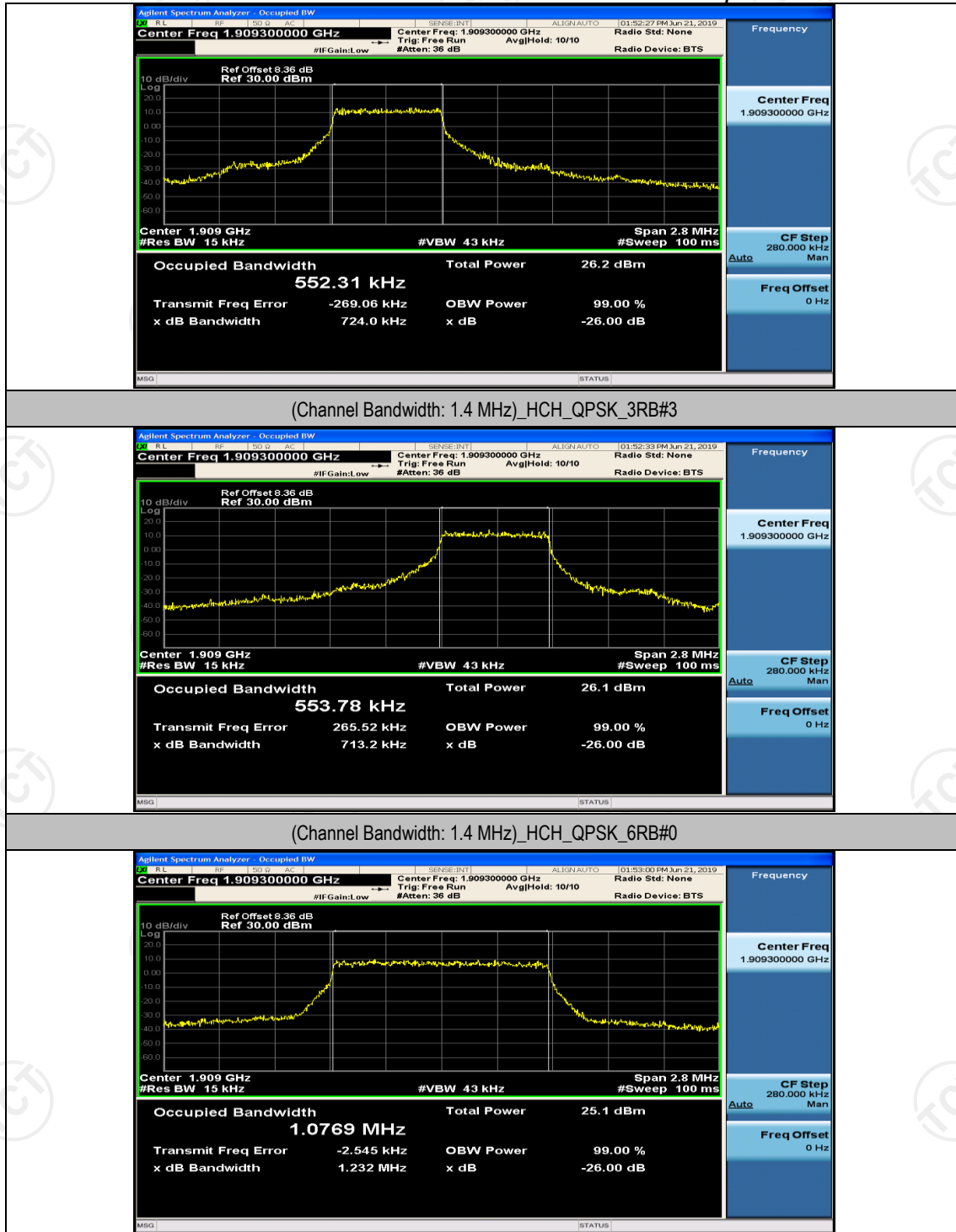
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



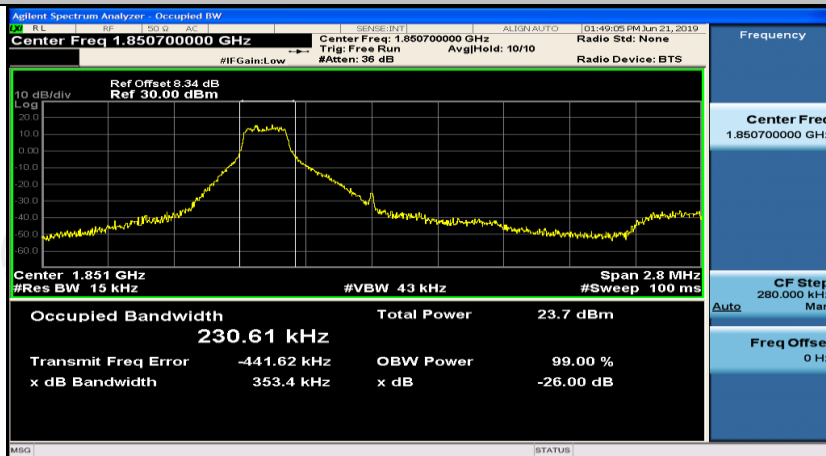
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0



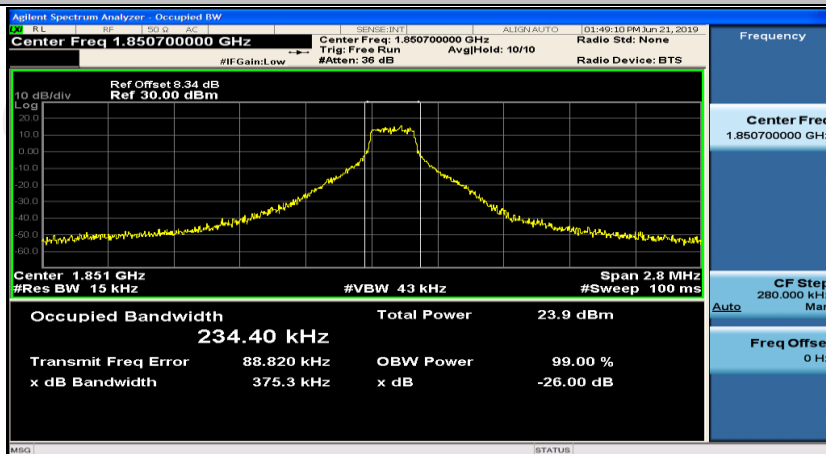
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2



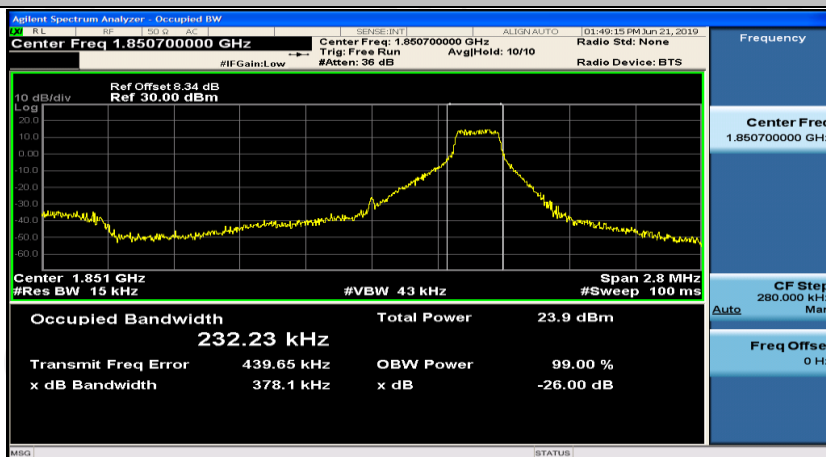
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



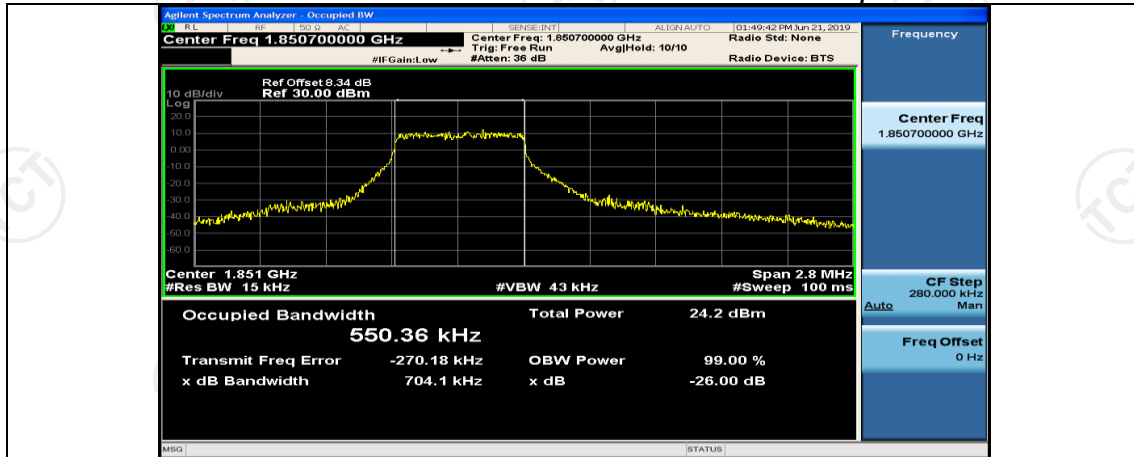
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



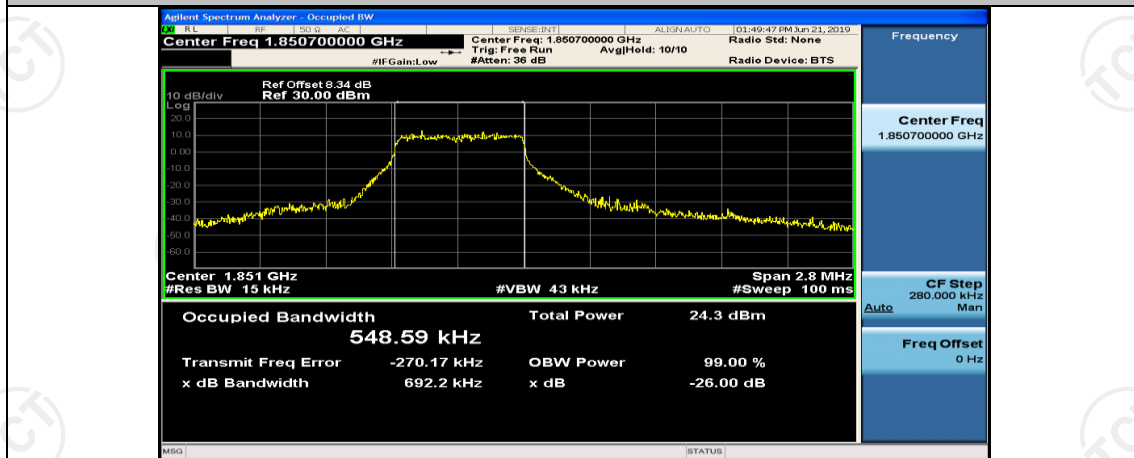
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5



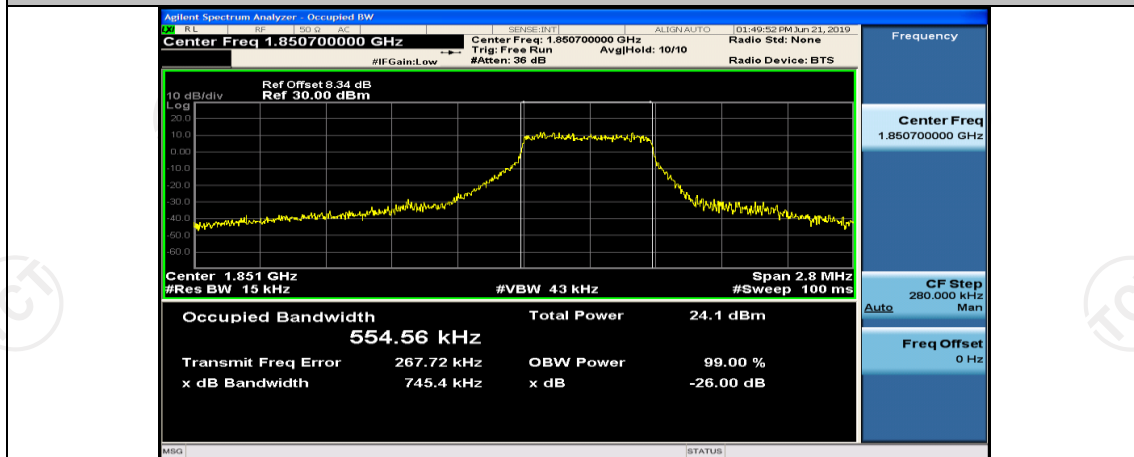
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0



(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