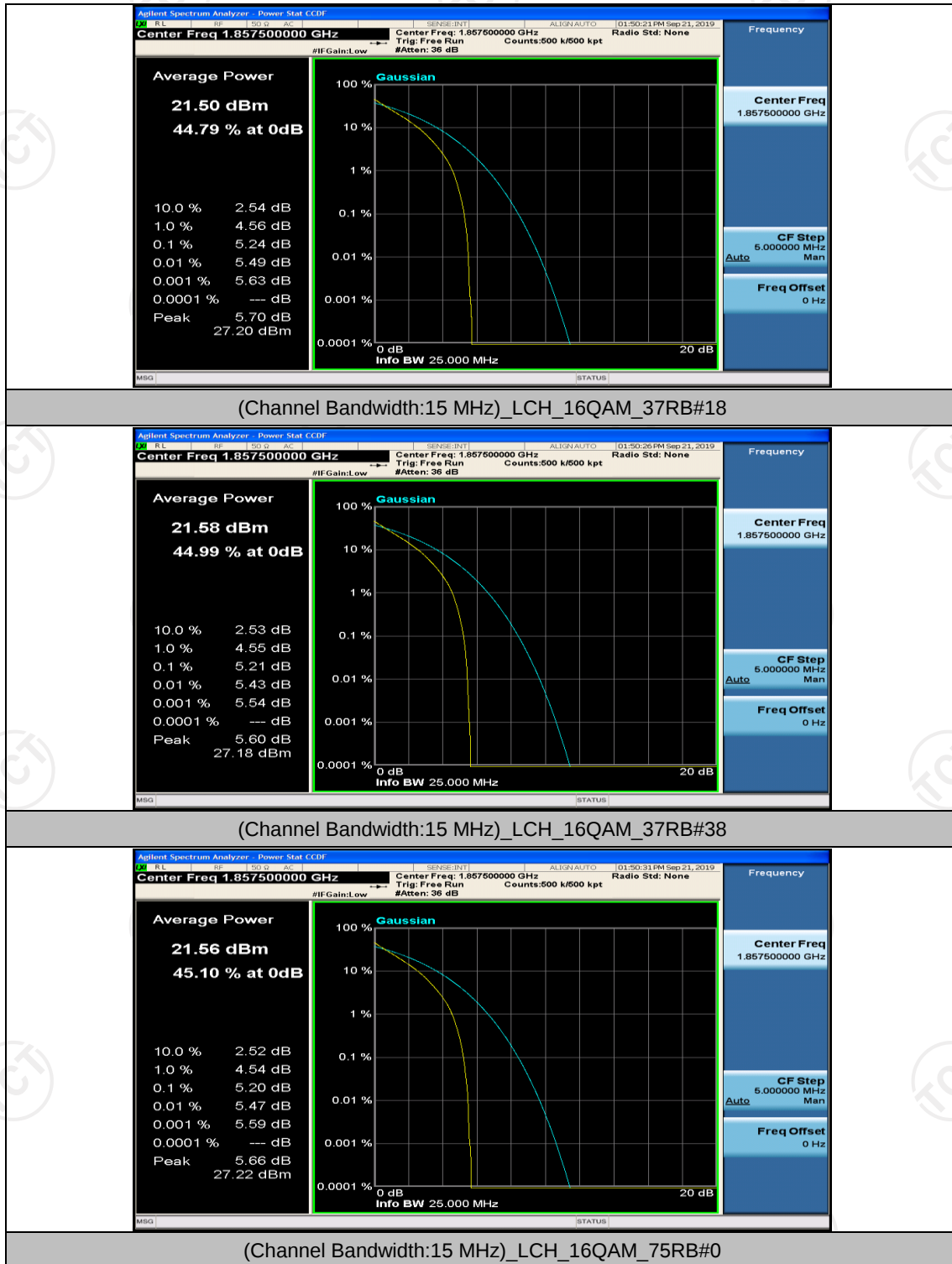
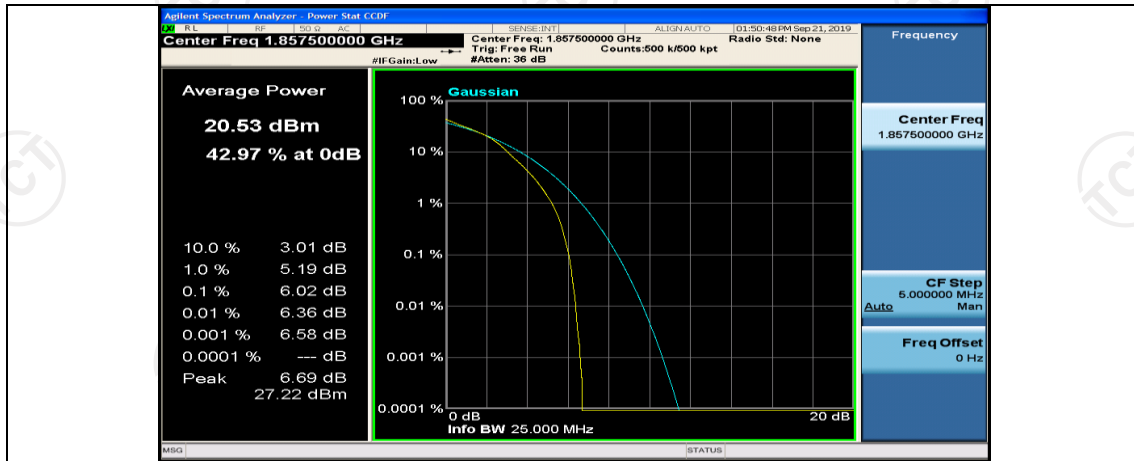
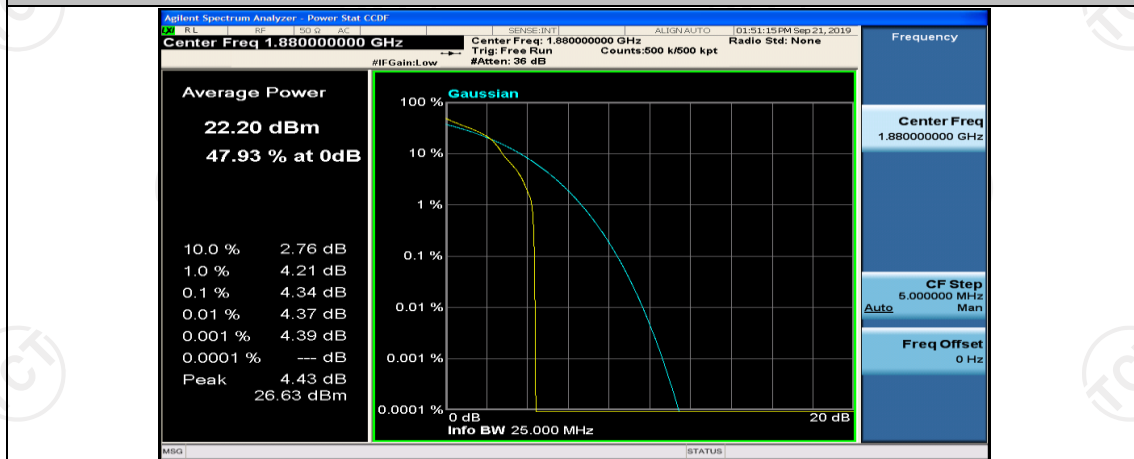


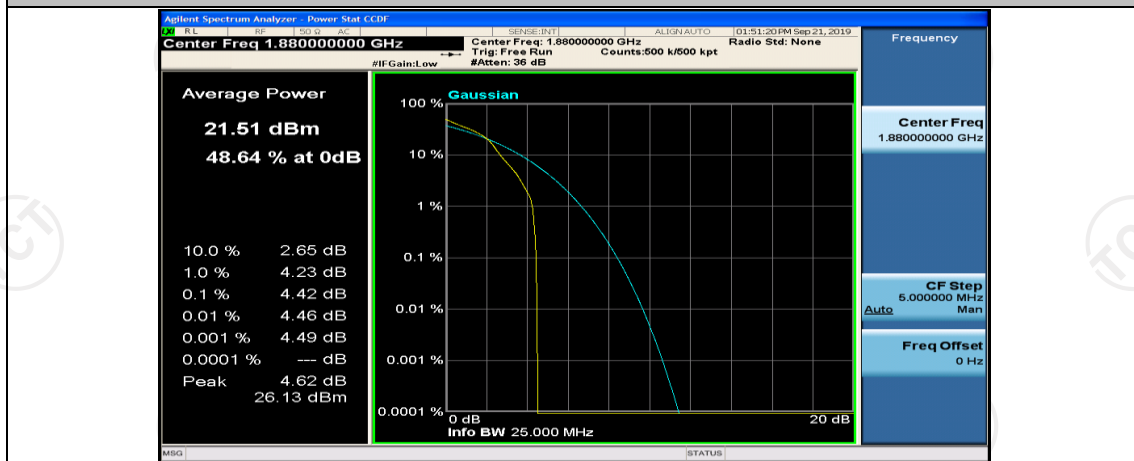




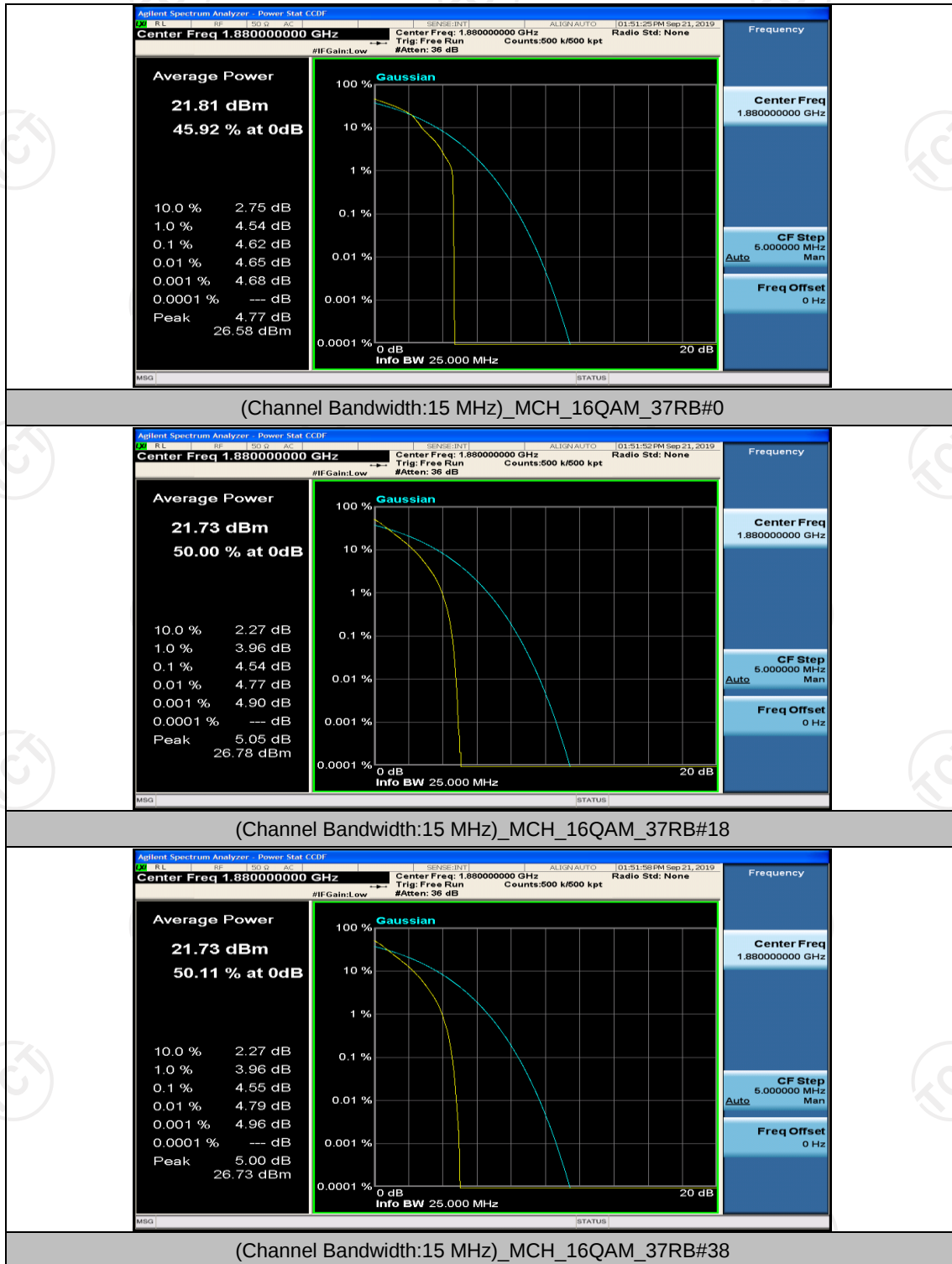
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0

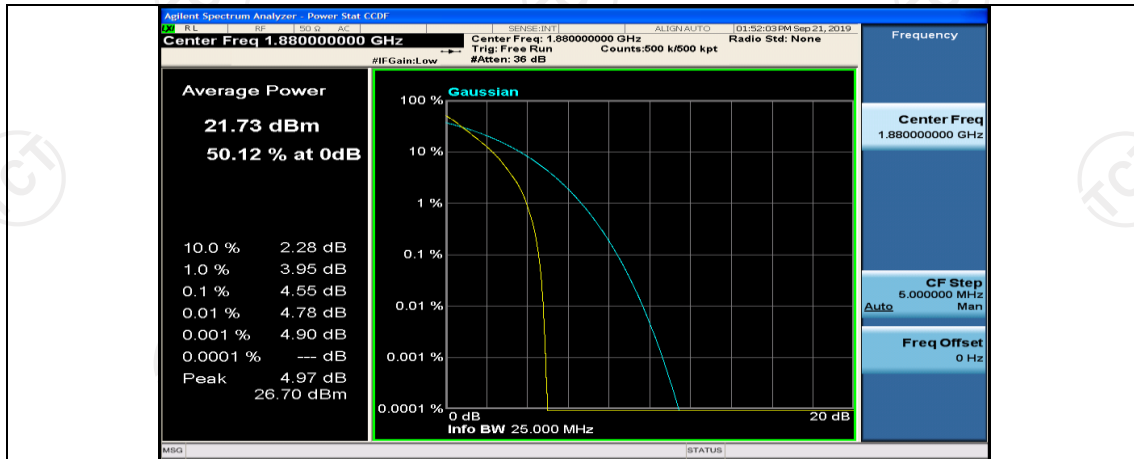


(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37

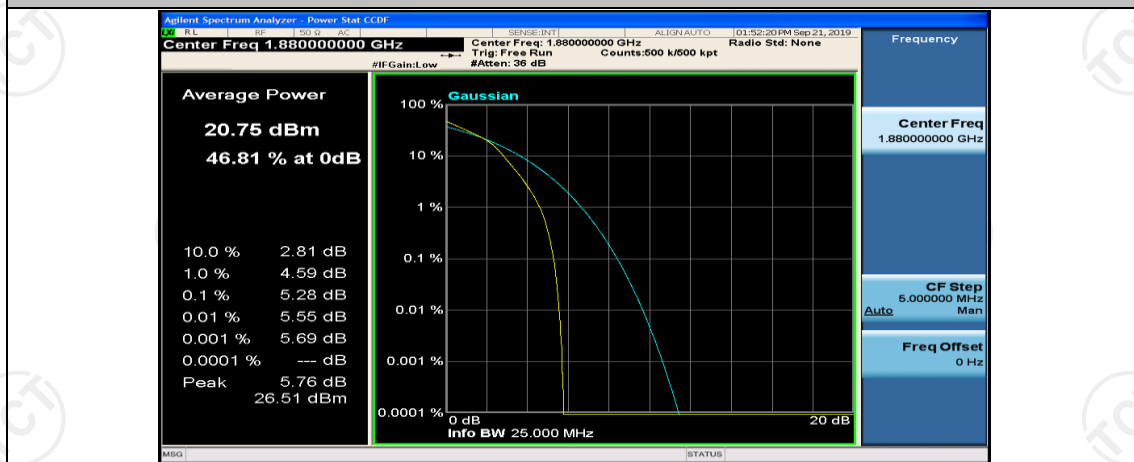


(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#74

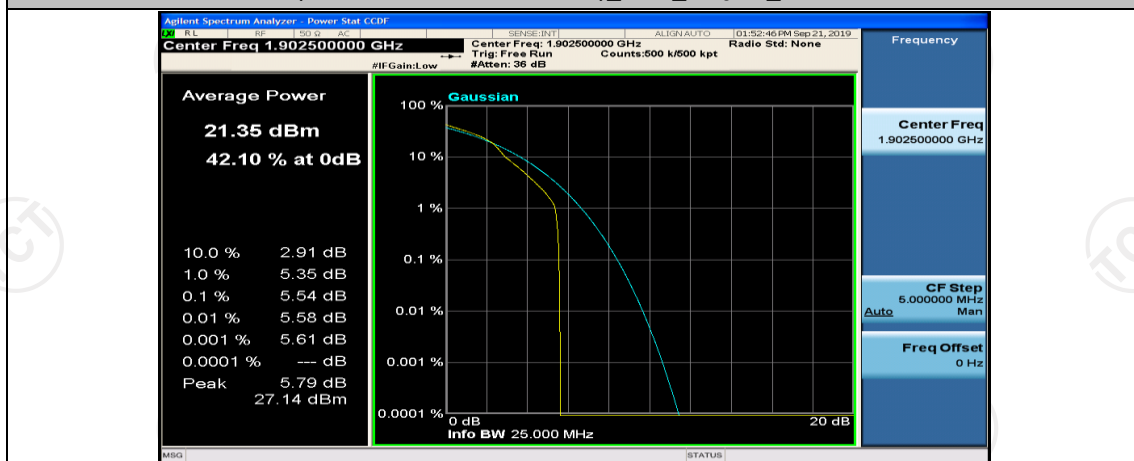




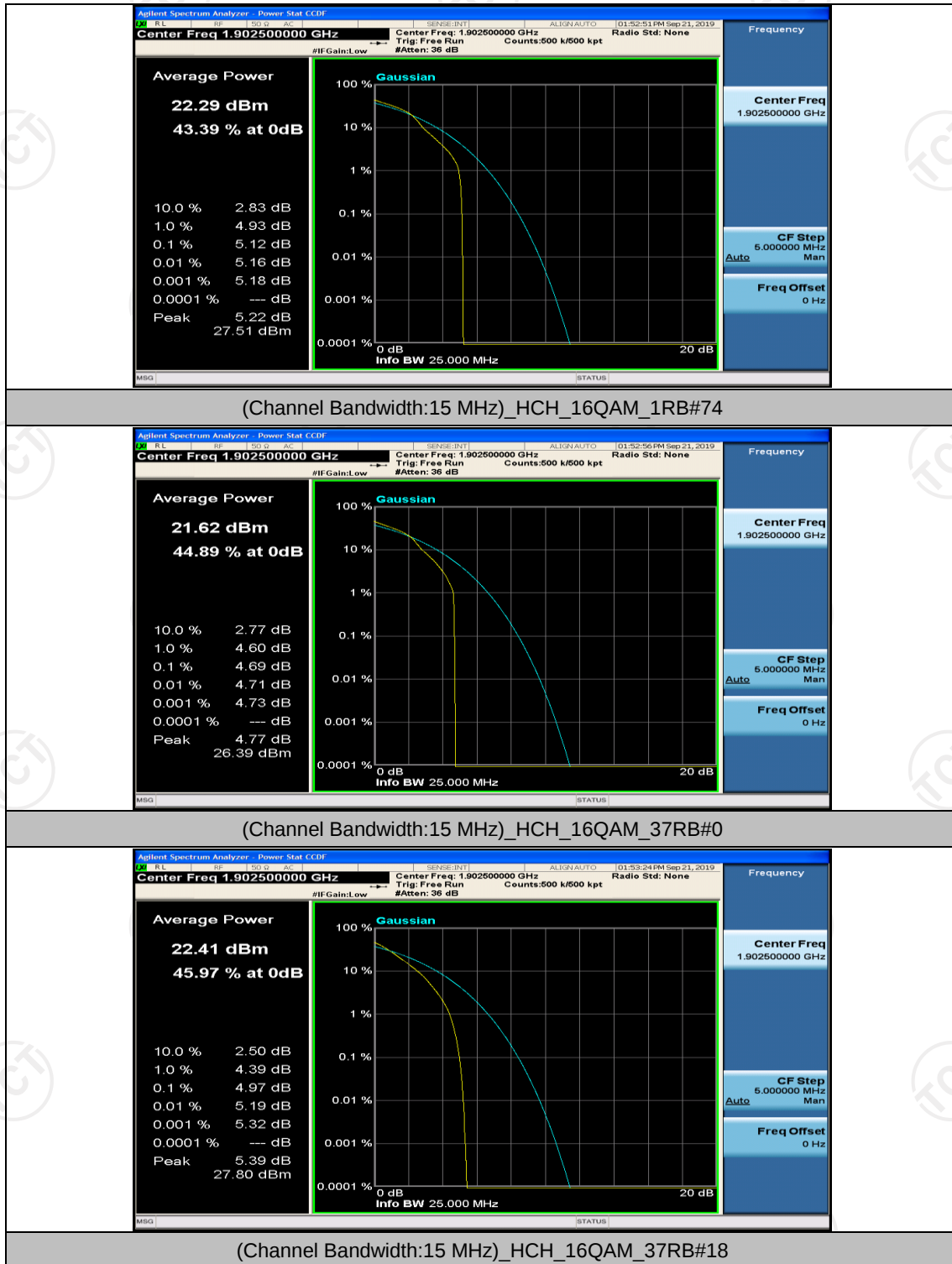
(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0

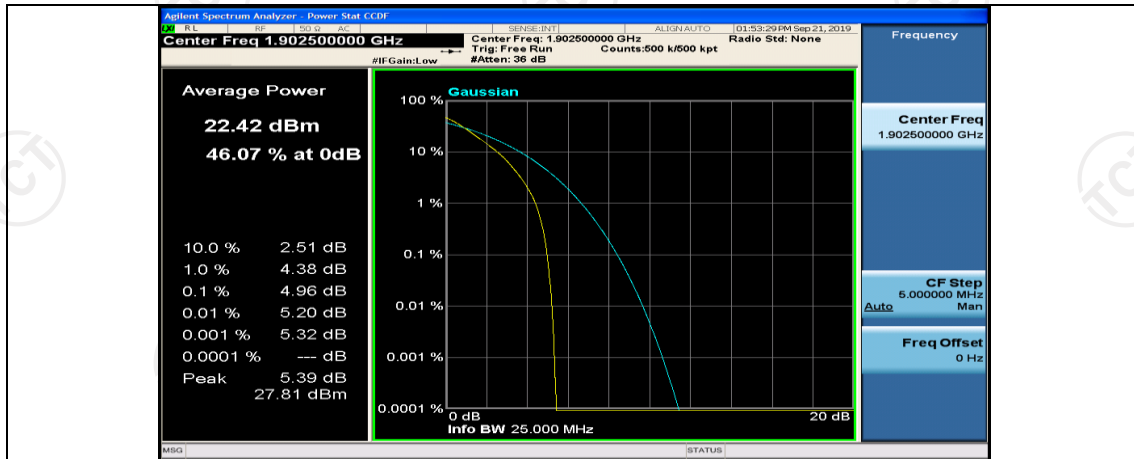


(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0

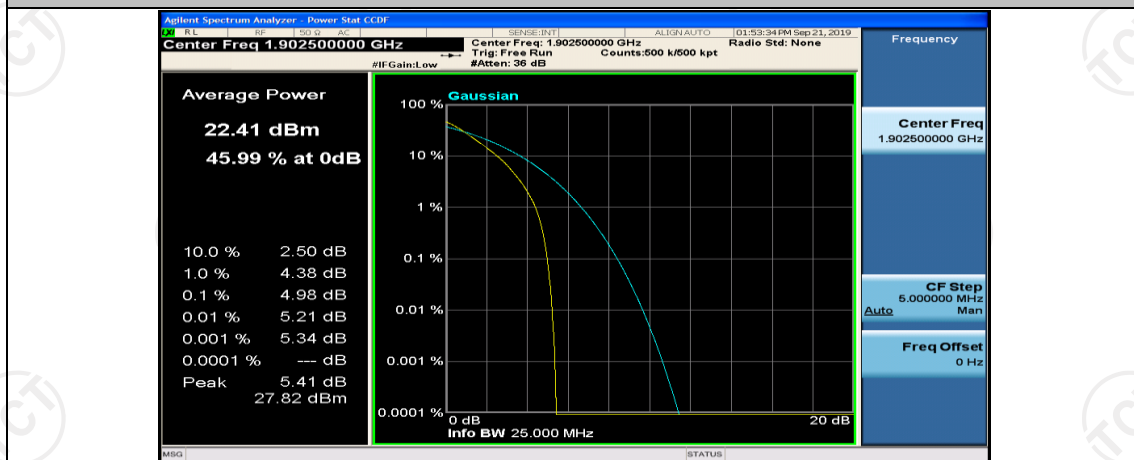


(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37

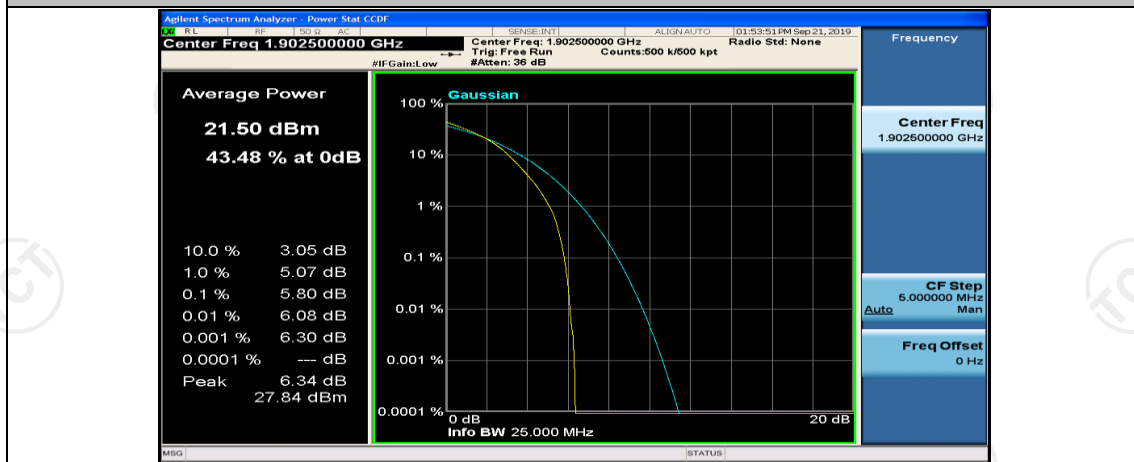




(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#38

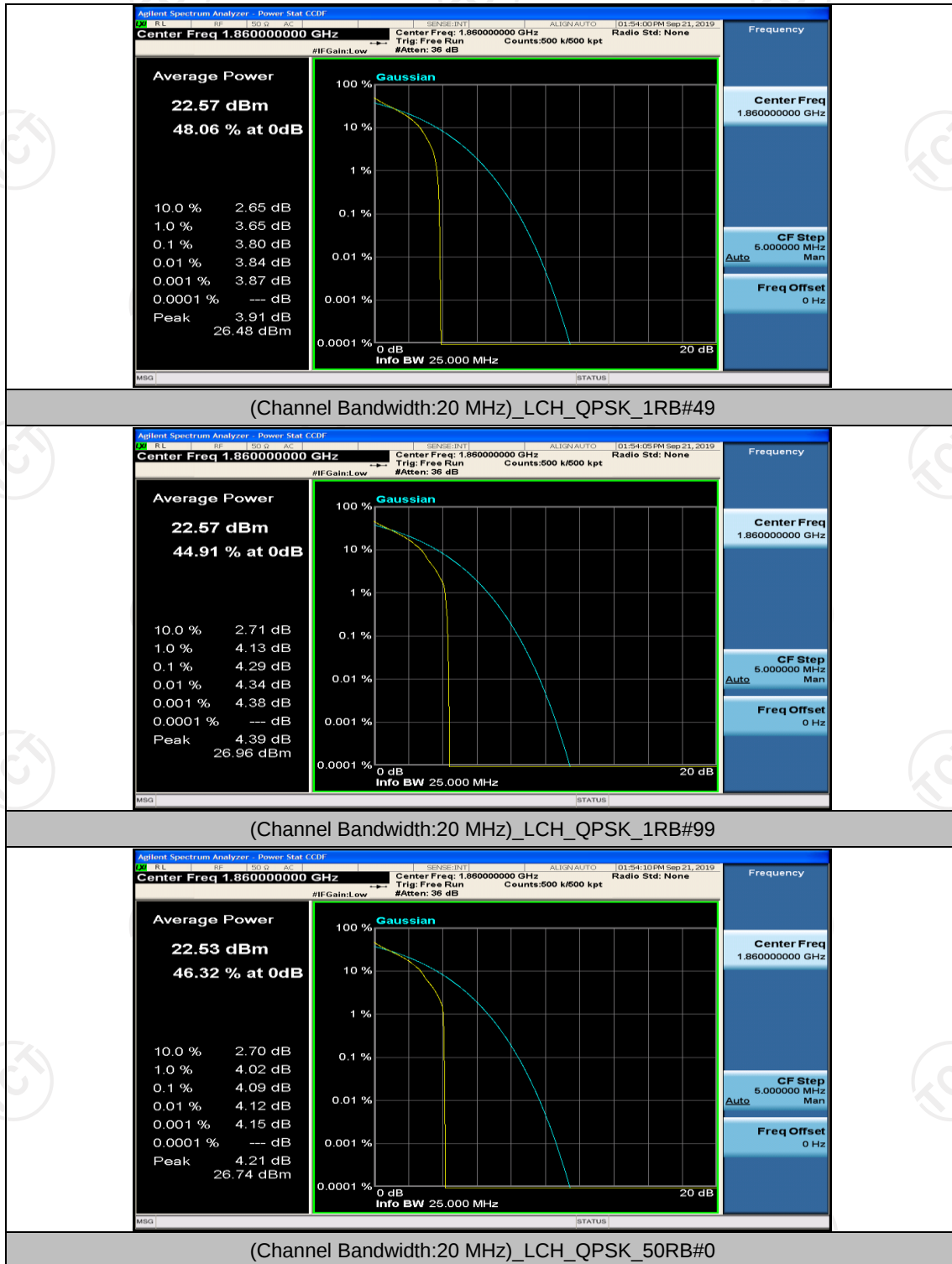


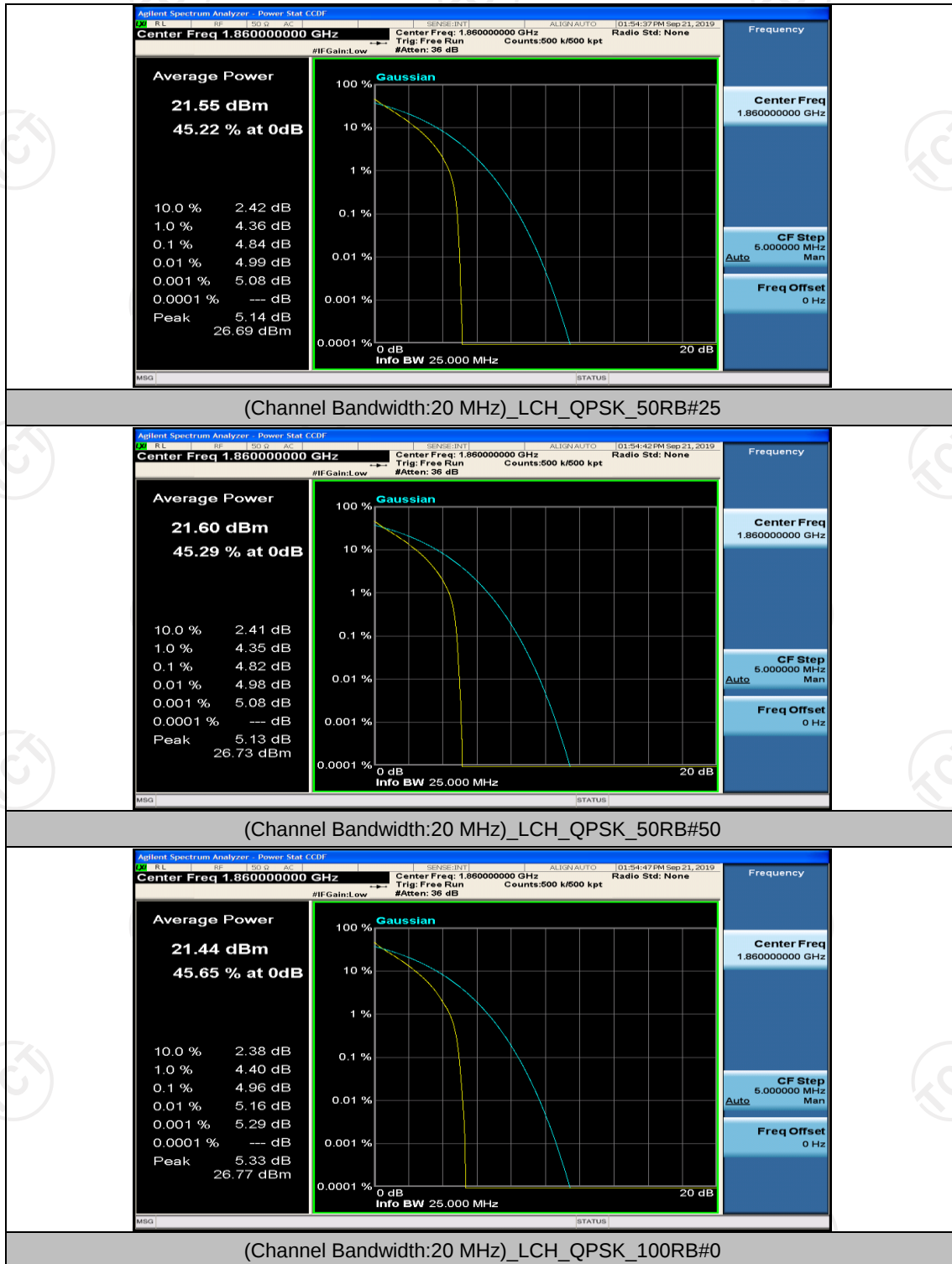
(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0

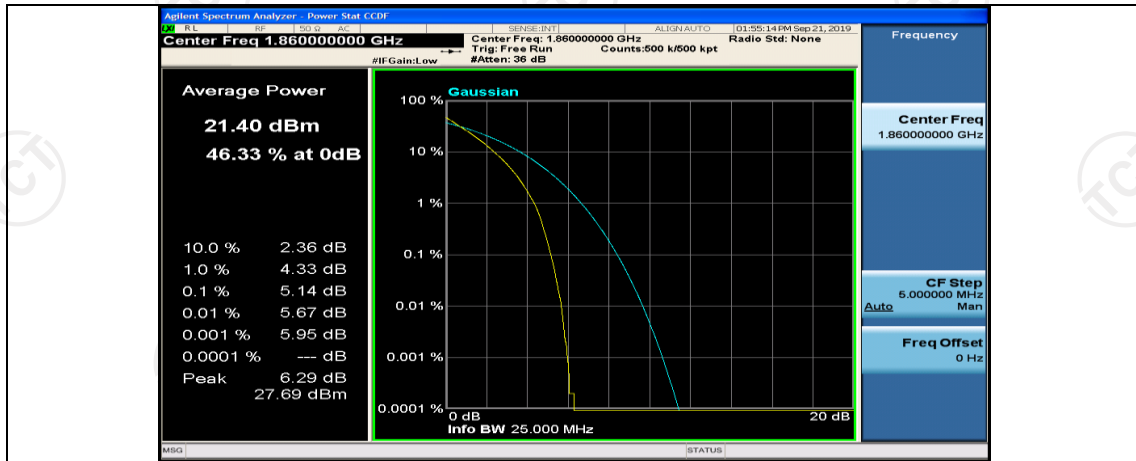


Channel Bandwidth: 20 MHz

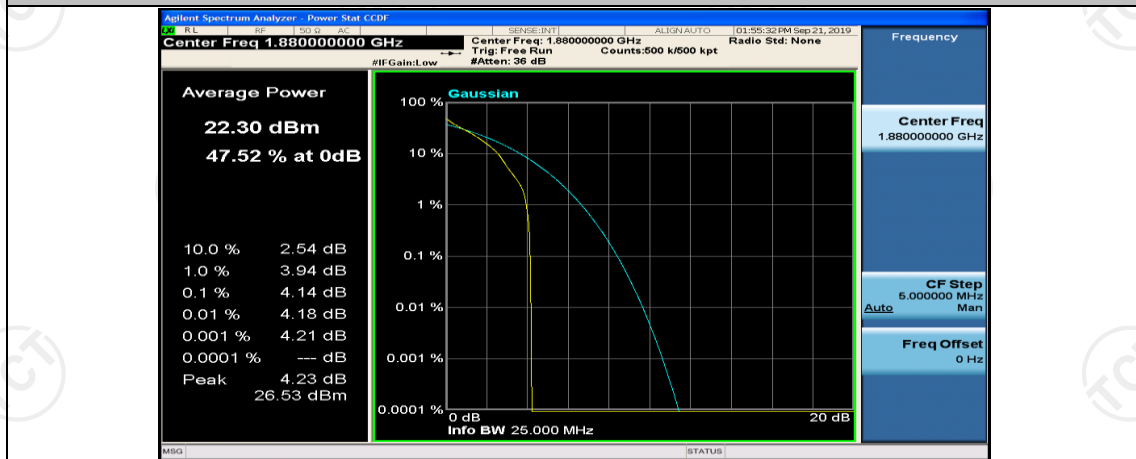
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#0



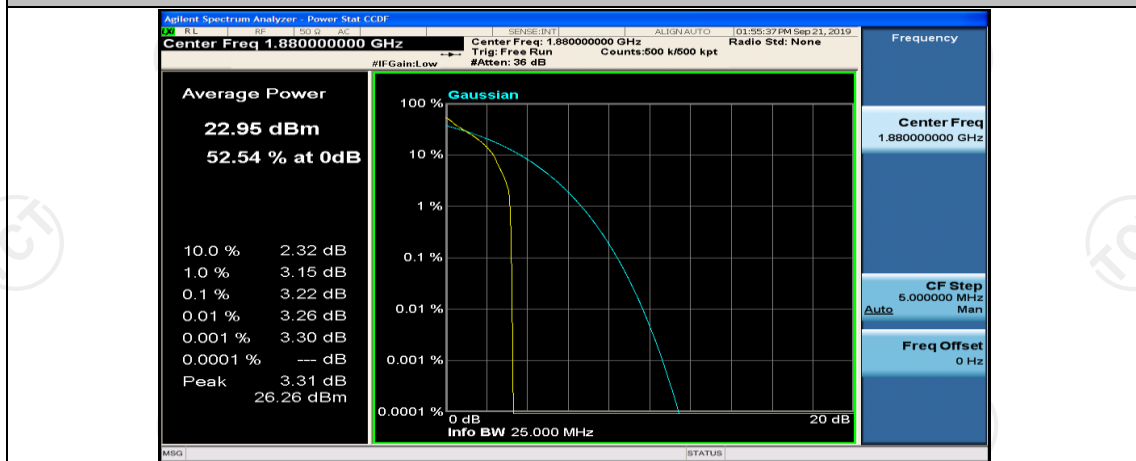




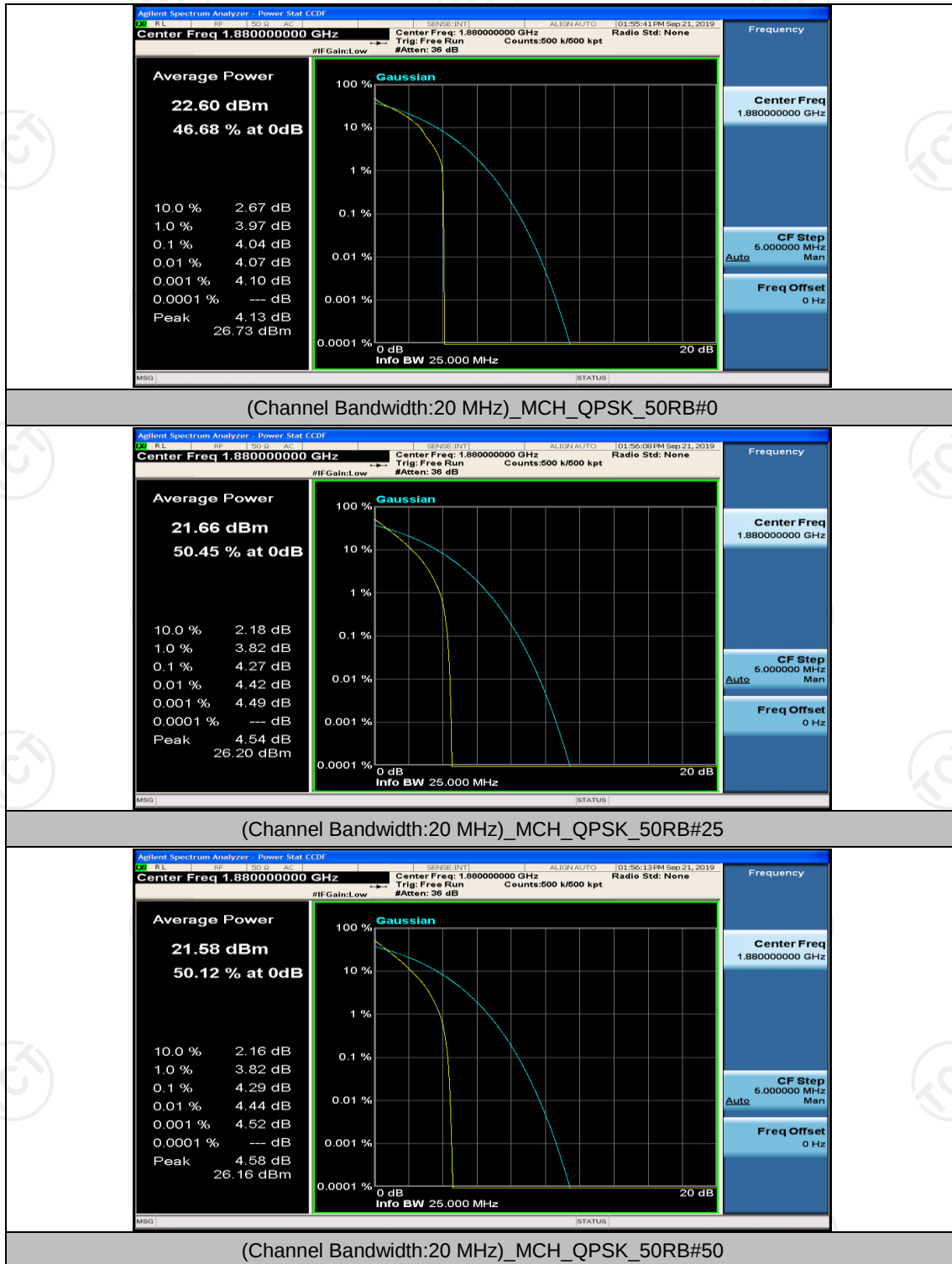
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0

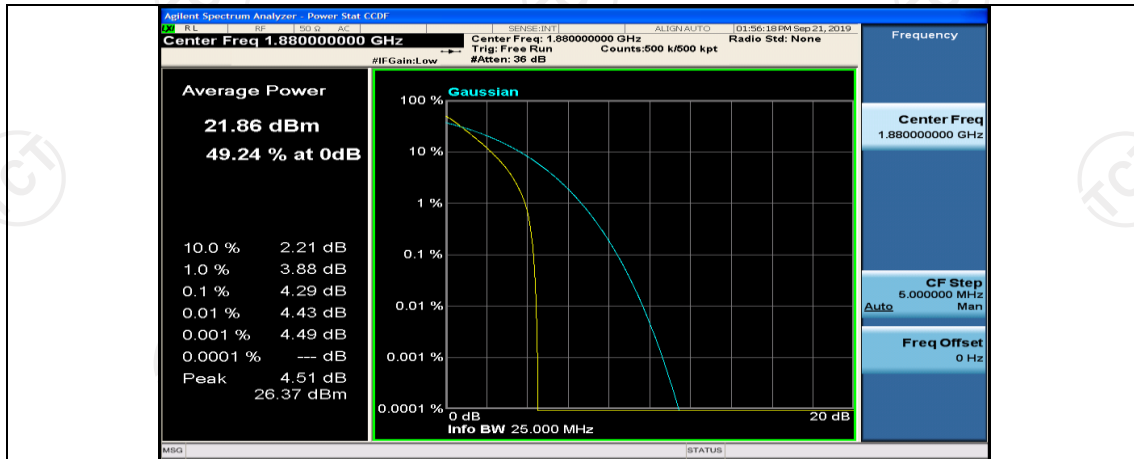


(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49

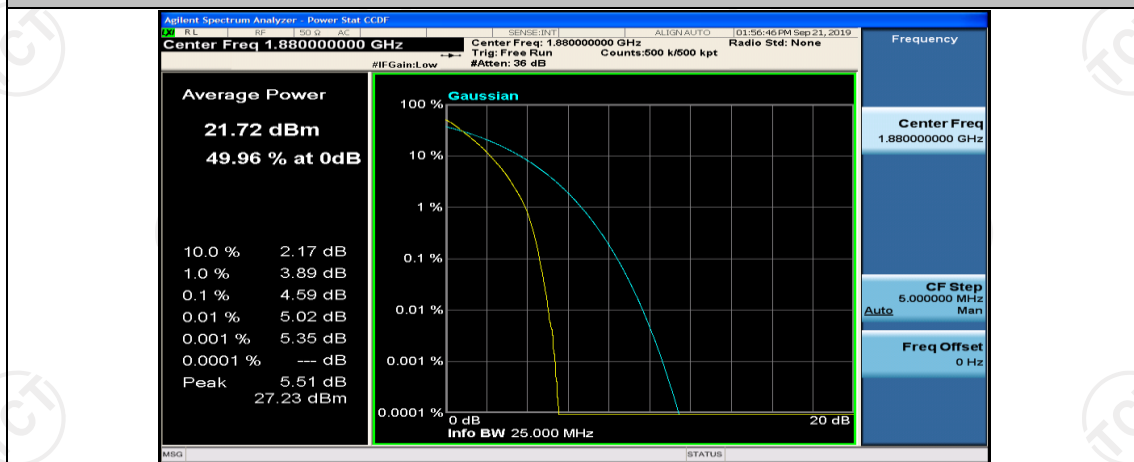


(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#99

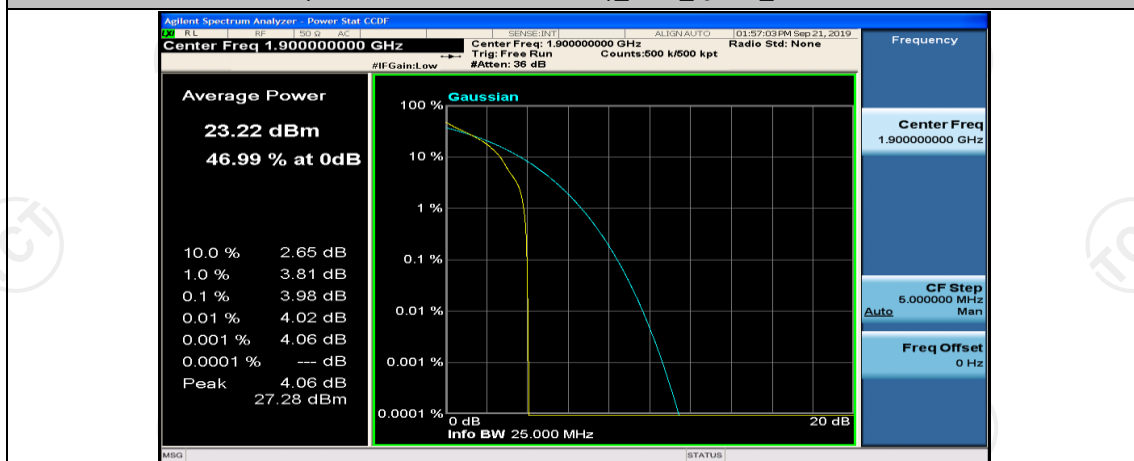




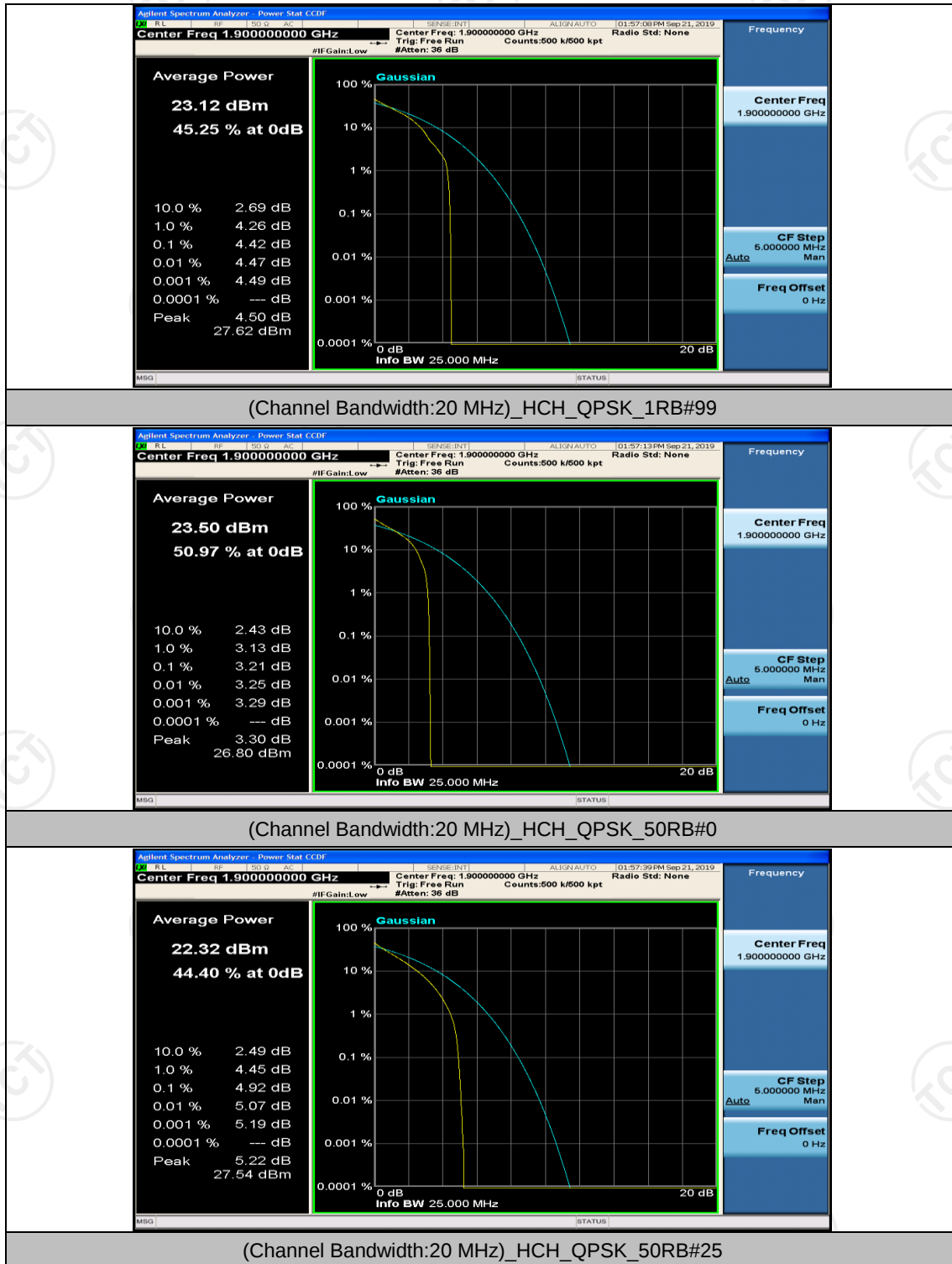
(Channel Bandwidth:20 MHz)_MCH_QPSK_100RB#0

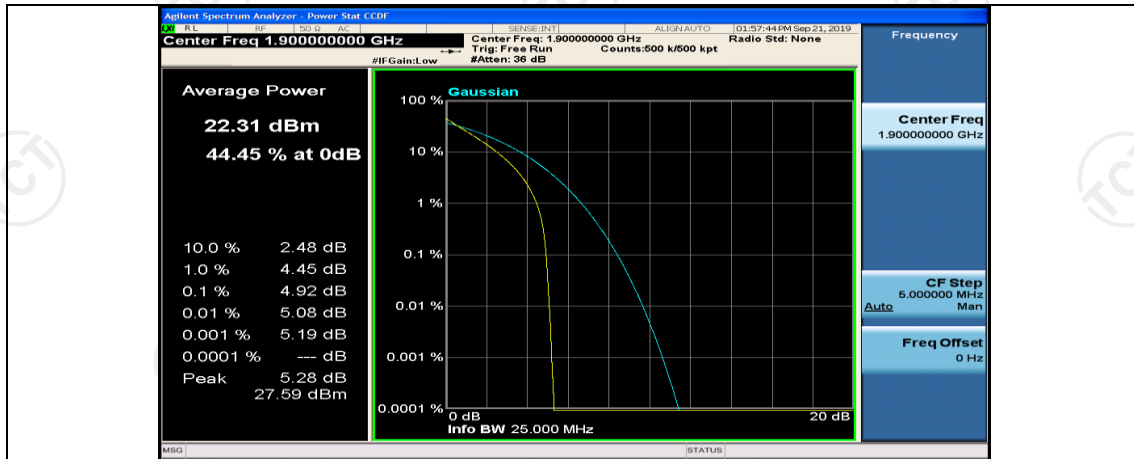


(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0

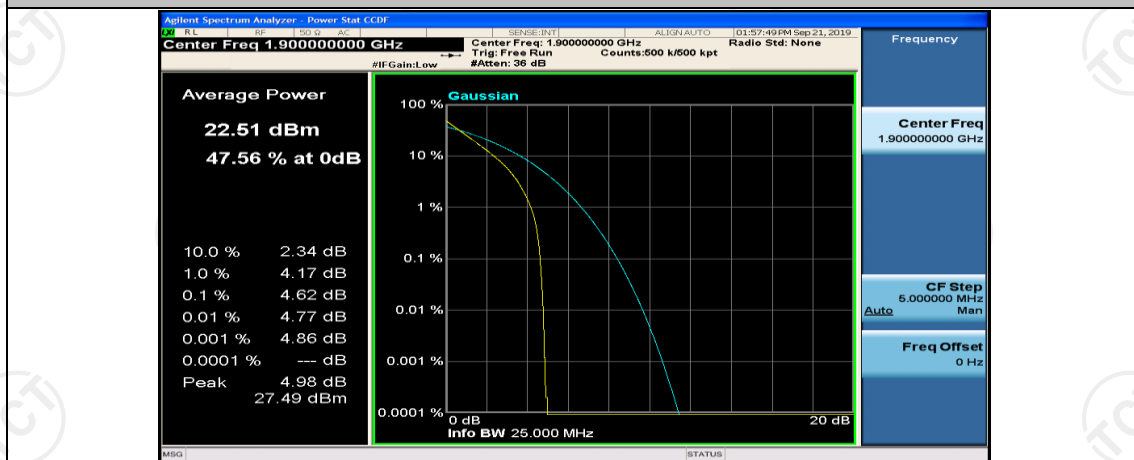


(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49

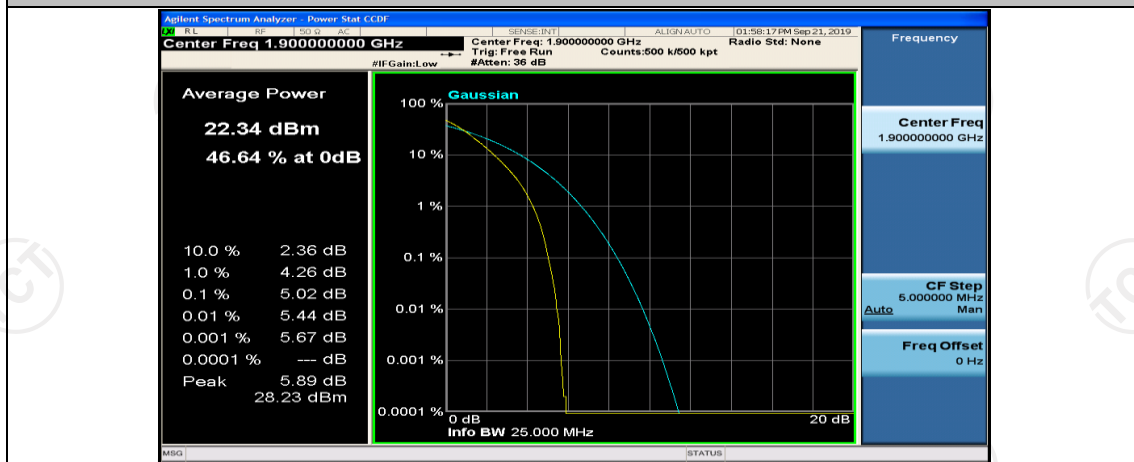




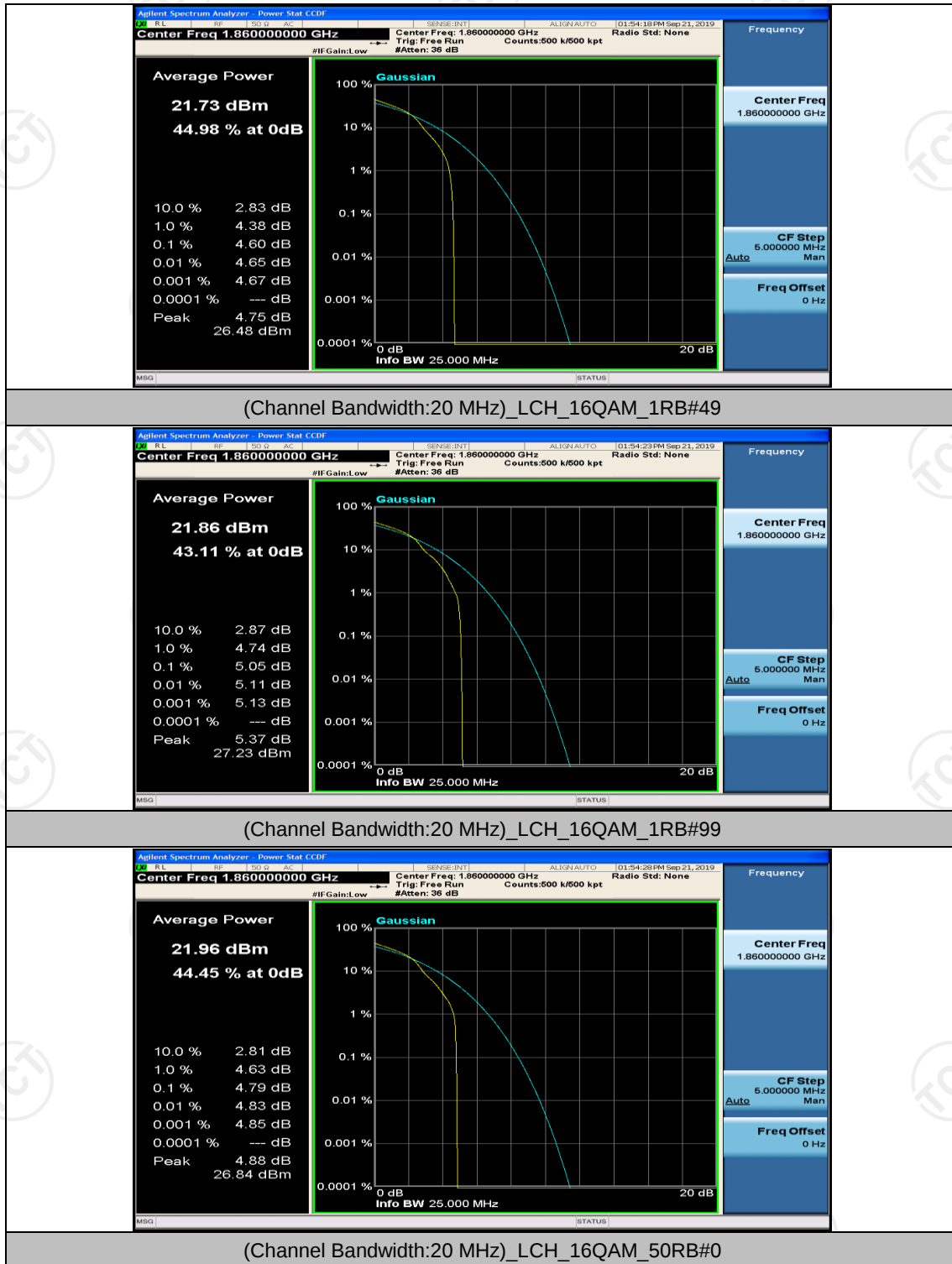
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#50

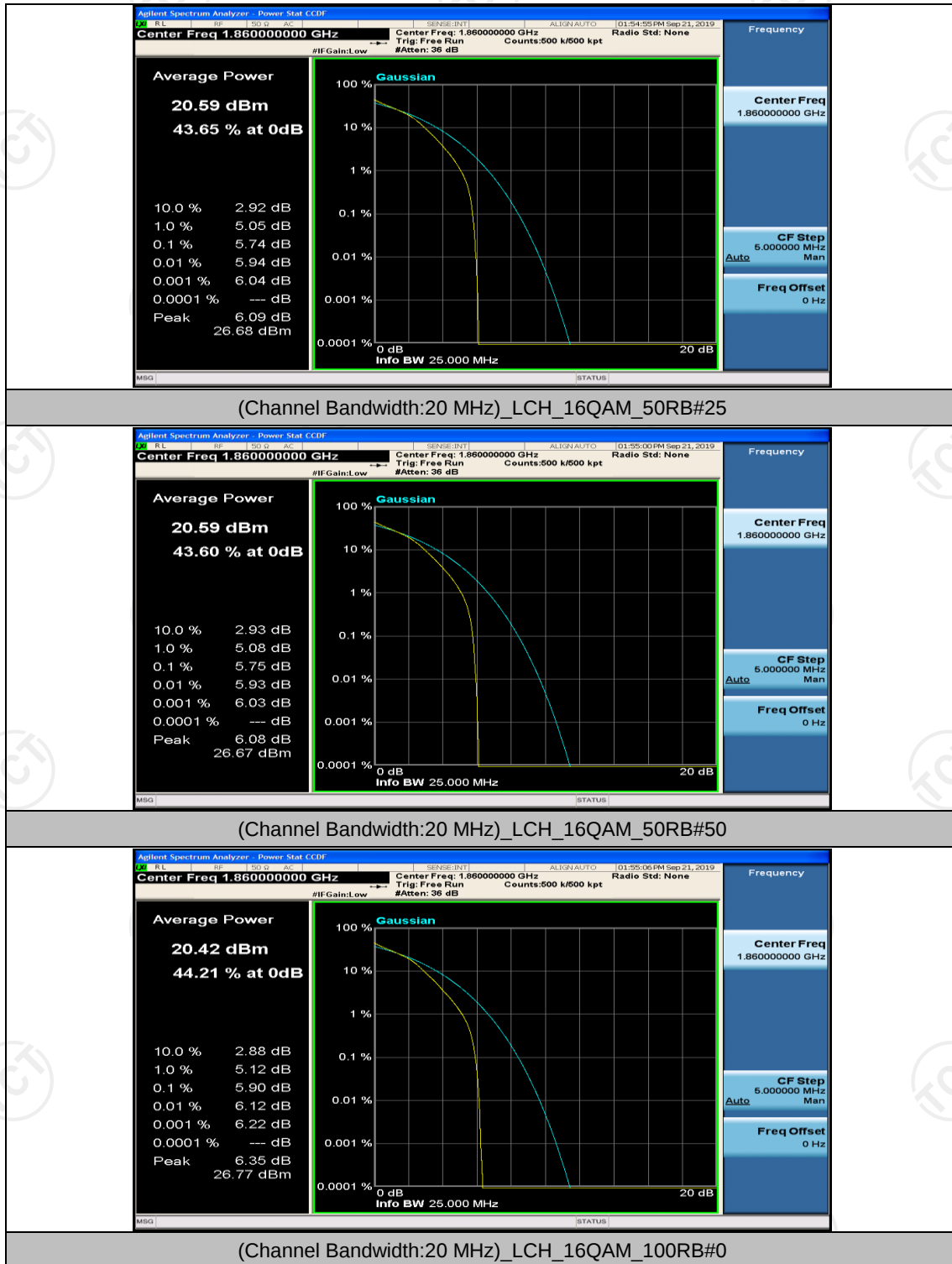


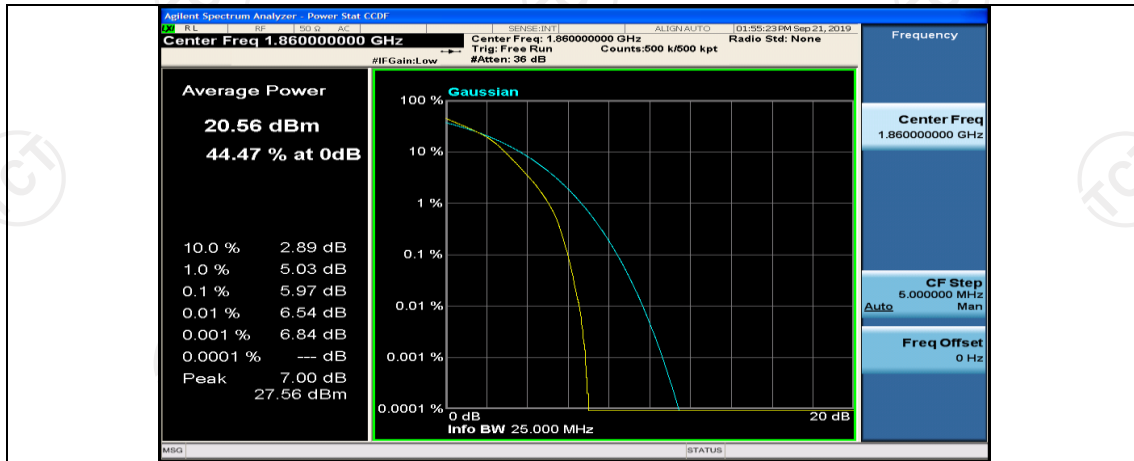
(Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0



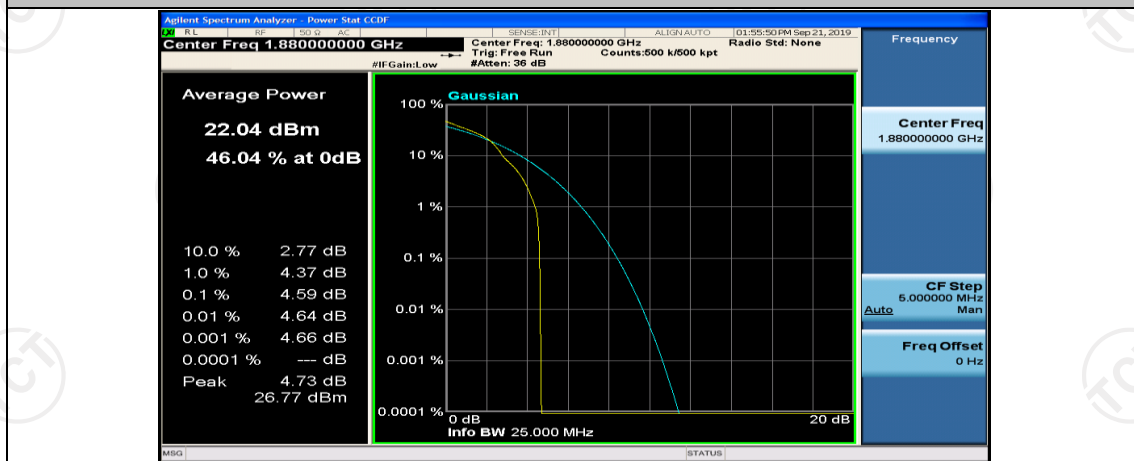
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0



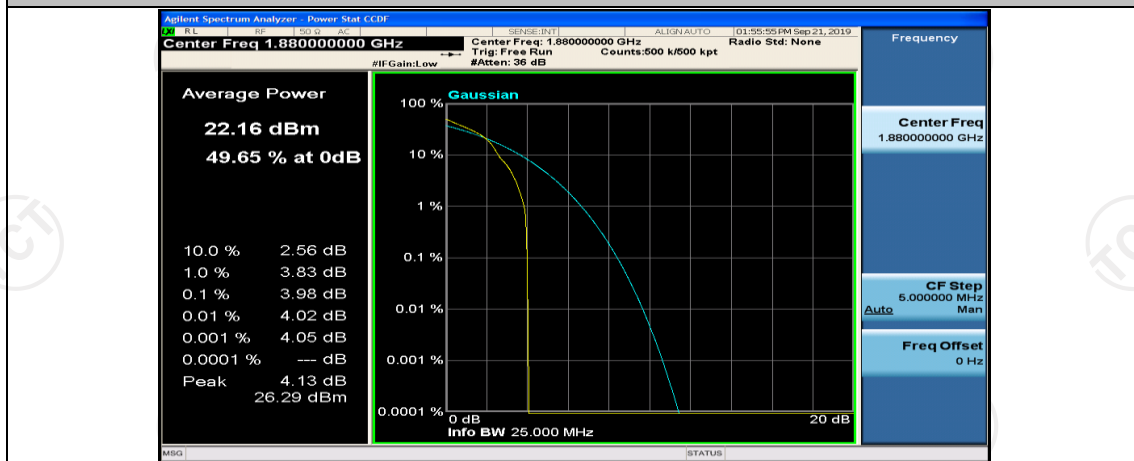




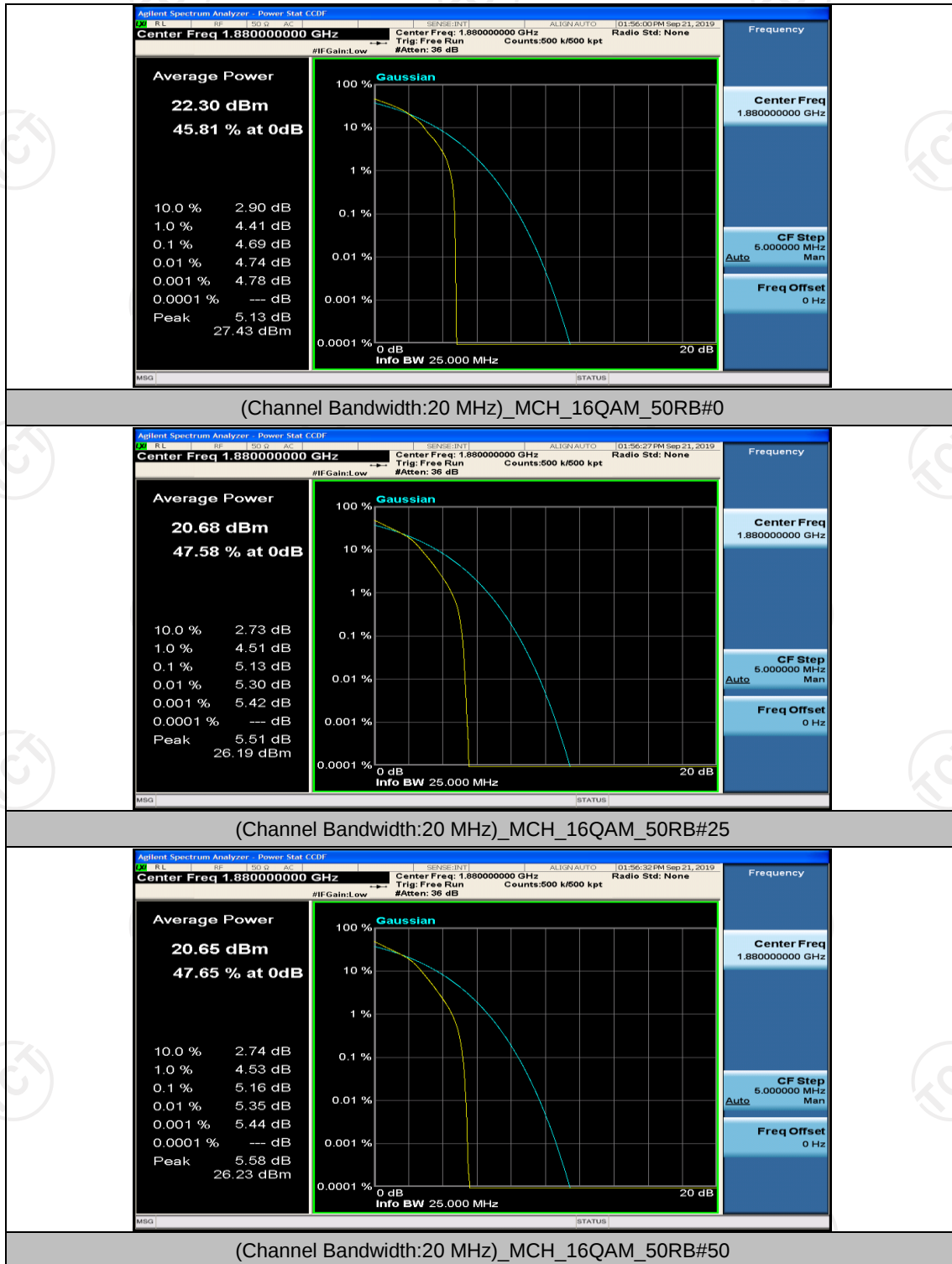
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0

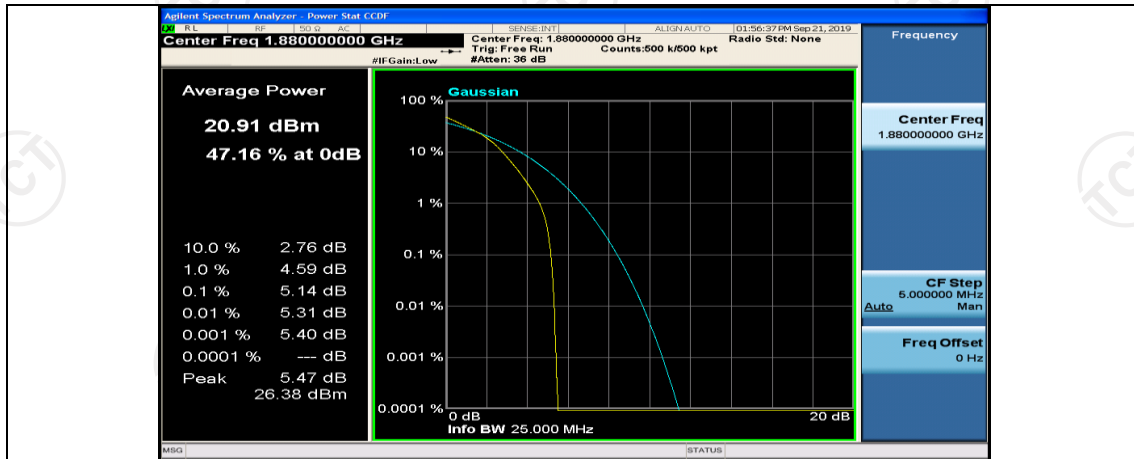


(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49

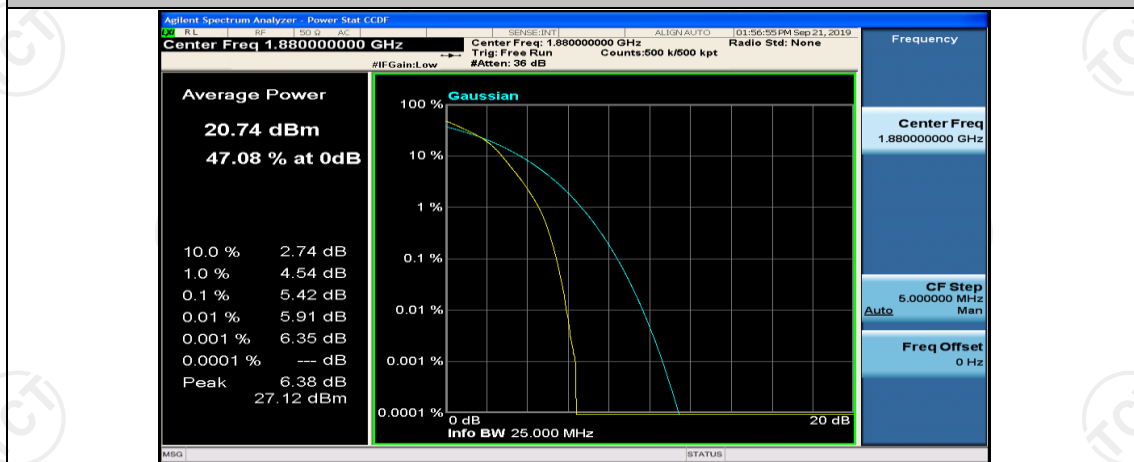


(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#99





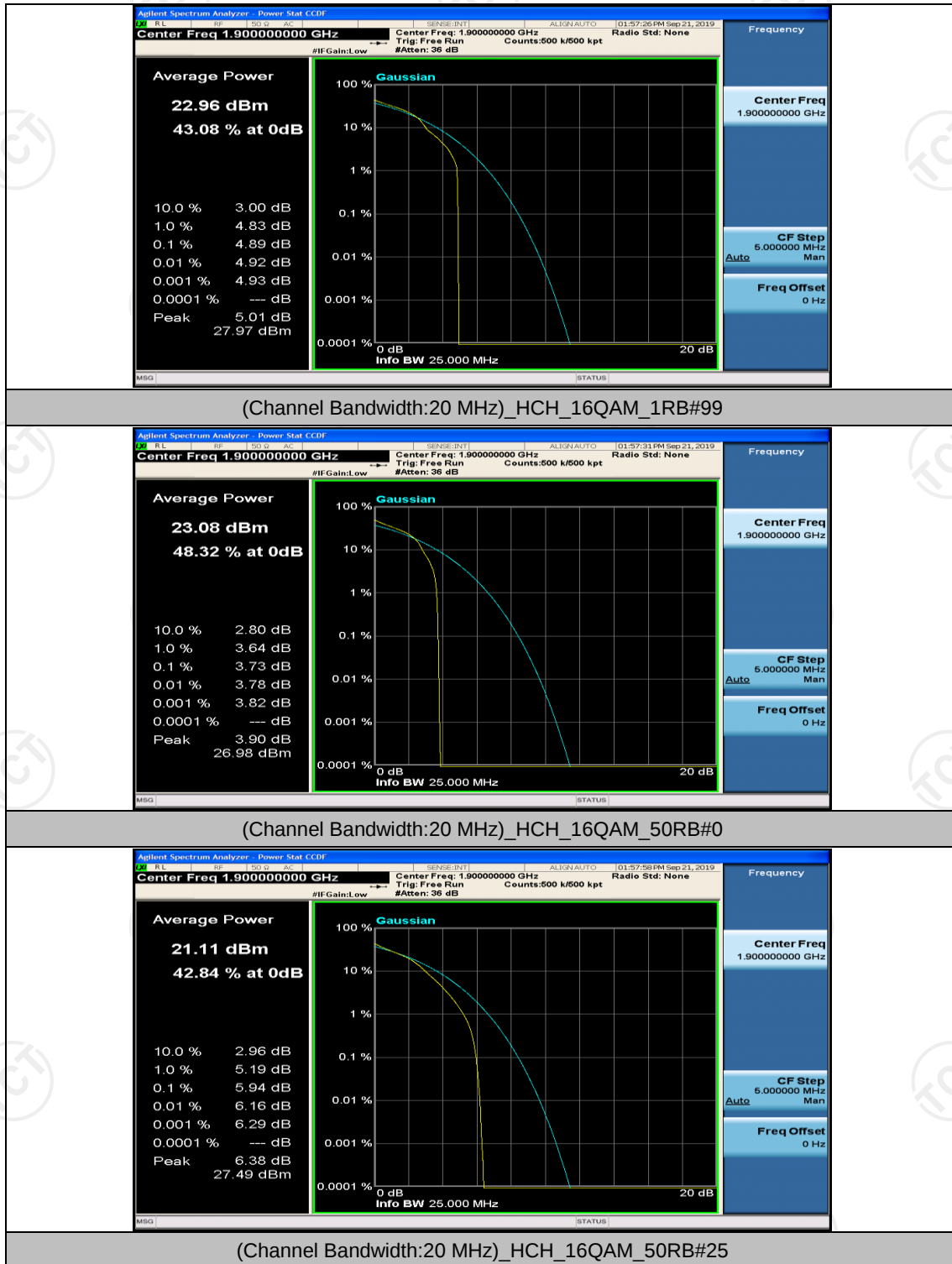
(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0

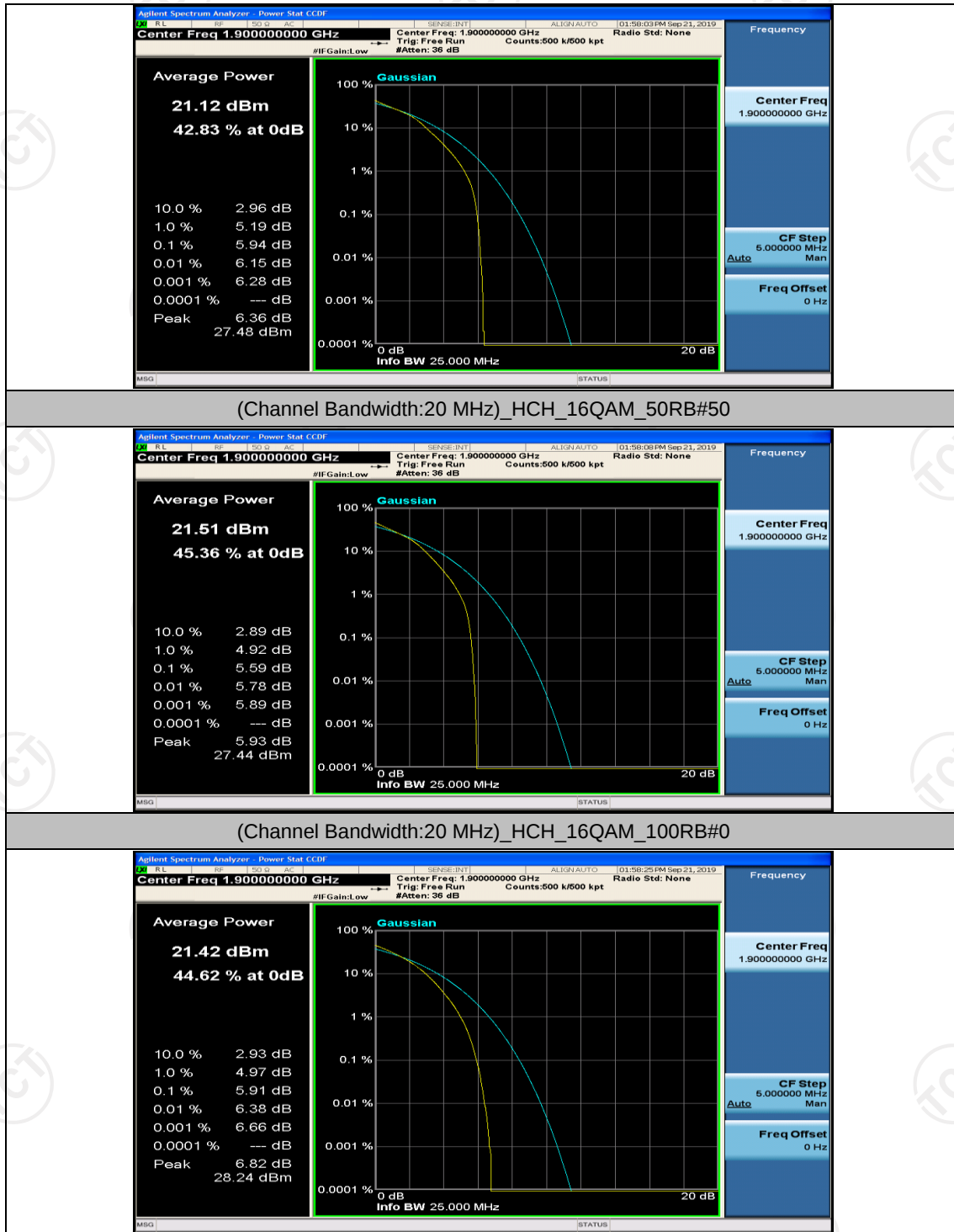


(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0



(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	0.21872	0.3583	PASS
		1	3	0.25493	0.4450	PASS
		1	5	0.21870	0.3541	PASS
		3	0	0.55453	0.7305	PASS
		3	2	0.55686	0.7276	PASS
		3	3	0.55259	0.7134	PASS
		6	0	1.0789	1.221	PASS
	MCH	1	0	0.22485	0.3434	PASS
		1	3	0.26214	0.4260	PASS
		1	5	0.22086	0.3568	PASS
		3	0	0.55638	0.7258	PASS
		3	2	0.55433	0.7543	PASS
		3	3	0.55506	0.7575	PASS
		6	0	1.0788	1.262	PASS
	HCH	1	0	0.22154	0.3444	PASS
		1	3	0.26838	0.4213	PASS
		1	5	0.22663	0.3682	PASS
		3	0	0.55610	0.7406	PASS
		3	2	0.55594	0.7890	PASS
		3	3	0.55504	0.8214	PASS
		6	0	1.0826	1.281	PASS
16QAM	LCH	1	0	0.22164	0.3313	PASS
		1	3	0.26477	0.4211	PASS
		1	5	0.22345	0.3475	PASS
		3	0	0.55283	0.7348	PASS
		3	2	0.55346	0.7190	PASS
		3	3	0.55315	0.7227	PASS
		6	0	1.0783	1.263	PASS
	MCH	1	0	0.22328	0.3645	PASS
		1	3	0.27022	0.4626	PASS

		1	5	0.23288	0.3698	PASS
		3	0	0.55397	0.7518	PASS
		3	2	0.55407	0.7106	PASS
		3	3	0.55290	0.7271	PASS
		6	0	1.0803	1.287	PASS
	HCH	1	0	0.22461	0.3678	PASS
		1	3	0.26694	0.4015	PASS
		1	5	0.22567	0.3609	PASS
		3	0	0.55140	0.8728	PASS
		3	2	0.55111	0.7798	PASS
		3	3	0.55266	0.7675	PASS
		6	0	1.0798	1.243	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	0.24148	0.3641	PASS
		1	7	0.33088	0.5485	PASS
		1	14	0.23675	0.3701	PASS
		8	0	1.4446	1.671	PASS
		8	4	1.4485	1.665	PASS
		8	7	1.4473	1.706	PASS
		15	0	2.6809	2.867	PASS
	MCH	1	0	0.24429	0.3769	PASS
		1	7	0.31493	0.5127	PASS
		1	14	0.23940	0.3821	PASS
		8	0	1.4474	1.705	PASS
		8	4	1.4464	1.742	PASS
		8	7	1.4423	1.721	PASS
		15	0	2.6863	2.941	PASS
	HCH	1	0	0.23993	0.3571	PASS
		1	7	0.33527	0.5541	PASS
		1	14	0.24665	0.3777	PASS
		8	0	1.4461	1.676	PASS
		8	4	1.4494	1.726	PASS
		8	7	1.4505	1.678	PASS
		15	0	2.6902	2.909	PASS

16QAM	LCH	1	0	0.24186	0.3702	PASS
		1	7	0.33980	0.4808	PASS
		1	14	0.24005	0.3518	PASS
		8	0	1.4507	1.667	PASS
		8	4	1.4501	1.671	PASS
		8	7	1.4501	1.671	PASS
		15	0	2.6795	2.909	PASS
	MCH	1	0	0.24632	0.3588	PASS
		1	7	0.34135	0.4943	PASS
		1	14	0.24595	0.4152	PASS
		8	0	1.4517	1.691	PASS
		8	4	1.4487	1.672	PASS
		8	7	1.4512	1.683	PASS
		15	0	2.6839	2.876	PASS
	HCH	1	0	0.23463	0.3489	PASS
		1	7	0.34718	0.5453	PASS
		1	14	0.24459	0.3941	PASS
		8	0	1.4525	1.681	PASS
		8	4	1.4462	1.663	PASS
		8	7	1.4474	1.689	PASS
		15	0	2.6849	2.884	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	0.29424	0.4853	PASS
		1	12	0.41428	0.6563	PASS
		1	24	0.30716	0.4886	PASS
		12	0	2.1774	2.616	PASS
		12	6	2.1767	2.584	PASS
		12	13	2.1772	2.575	PASS
		25	0	4.4681	4.847	PASS
	MCH	1	0	0.29109	0.4908	PASS
		1	12	0.41122	0.6319	PASS
		1	24	0.30569	0.5020	PASS
		12	0	2.1804	2.565	PASS
		12	6	2.1739	2.587	PASS

		12	13	2.1761	2.636	PASS
		25	0	4.4694	4.861	PASS
	HCH	1	0	0.29436	0.5141	PASS
		1	12	0.41557	0.6312	PASS
		1	24	0.30518	0.5254	PASS
		12	0	2.1745	2.595	PASS
		12	6	2.1770	2.601	PASS
		12	13	2.1850	2.634	PASS
		25	0	4.4649	4.836	PASS
16QAM	LCH	1	0	0.29166	0.4706	PASS
		1	12	0.43657	0.6932	PASS
		1	24	0.30022	0.4893	PASS
		12	0	2.1783	2.535	PASS
		12	6	2.1775	2.528	PASS
		12	13	2.1781	2.569	PASS
		25	0	4.4686	4.801	PASS
	MCH	1	0	0.29827	0.4589	PASS
		1	12	0.44556	0.6392	PASS
		1	24	0.30336	0.4957	PASS
		12	0	2.1763	2.608	PASS
		12	6	2.1804	2.584	PASS
		12	13	2.1722	2.578	PASS
		25	0	4.4664	4.793	PASS
	HCH	1	0	0.29117	0.4637	PASS
		1	12	0.43458	0.6178	PASS
		1	24	0.30539	0.4912	PASS
		12	0	2.1726	2.511	PASS
		12	6	2.1757	2.476	PASS
		12	13	2.1706	2.479	PASS
		25	0	4.4698	4.852	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	0.39333	0.5663	PASS
		1	25	0.46491	0.7220	PASS
		1	49	0.38648	0.5881	PASS
		25	0	4.5178	4.917	PASS
		25	12	4.5069	4.937	PASS

		25	25	4.5138	4.958	PASS
		50	0	8.9347	9.438	PASS
	MCH	1	0	0.39368	0.5662	PASS
		1	25	0.48448	0.7597	PASS
		1	49	0.38831	0.6111	PASS
		25	0	4.5132	5.049	PASS
		25	12	4.5179	5.038	PASS
		25	25	4.5131	4.966	PASS
		50	0	8.9319	9.431	PASS
	HCH	1	0	0.38882	0.5760	PASS
		1	25	0.49423	0.7523	PASS
		1	49	0.39568	0.6052	PASS
		25	0	4.5117	4.975	PASS
		25	12	4.5074	4.944	PASS
		25	25	4.5039	4.966	PASS
		50	0	8.9110	9.396	PASS
16QAM	LCH	1	0	0.38671	0.5369	PASS
		1	25	0.48598	0.7414	PASS
		1	49	0.39545	0.6287	PASS
		25	0	4.5081	4.955	PASS
		25	12	4.5012	4.921	PASS
		25	25	4.5004	4.970	PASS
		50	0	8.9094	9.490	PASS
	MCH	1	0	0.39017	0.5675	PASS
		1	25	0.48657	0.7375	PASS
		1	49	0.39174	0.5663	PASS
		25	0	4.5101	5.065	PASS
		25	12	4.5106	5.076	PASS
		25	25	4.5052	4.971	PASS
		50	0	8.9249	9.480	PASS
	HCH	1	0	0.39550	0.5760	PASS
		1	25	0.49073	0.7952	PASS
		1	49	0.39129	0.5908	PASS
		25	0	4.5061	4.953	PASS
		25	12	4.5062	4.973	PASS
		25	25	4.4989	4.998	PASS
		50	0	8.9107	9.367	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	0.50125	0.7274	PASS
		1	37	0.61690	0.9146	PASS
		1	74	0.48935	0.6857	PASS
		37	0	13.390	14.09	PASS
		37	18	13.386	14.12	PASS
		37	38	13.390	14.07	PASS
		75	0	13.373	14.15	PASS
	MCH	1	0	0.50684	0.7493	PASS
		1	37	0.59242	0.8480	PASS
		1	74	0.49242	0.7545	PASS
		37	0	13.359	14.08	PASS
		37	18	13.376	14.08	PASS
		37	38	13.350	14.08	PASS
		75	0	13.353	14.14	PASS
	HCH	1	0	0.49735	0.7591	PASS
		1	37	0.57037	0.8498	PASS
		1	74	0.50391	0.7165	PASS
		37	0	13.353	14.13	PASS
		37	18	13.343	14.02	PASS
		37	38	13.343	14.04	PASS
		75	0	13.343	13.96	PASS
16QAM	LCH	1	0	0.51136	0.7662	PASS
		1	37	0.59385	0.8159	PASS
		1	74	0.48937	0.7189	PASS
		37	0	13.375	14.11	PASS
		37	18	13.385	14.10	PASS
		37	38	13.394	14.21	PASS
		75	0	13.379	14.00	PASS
	MCH	1	0	0.49683	0.7539	PASS
		1	37	0.60555	0.8970	PASS
		1	74	0.48503	0.7266	PASS
		37	0	13.365	14.14	PASS
		37	18	13.366	14.00	PASS
		37	38	13.350	14.05	PASS
		75	0	13.355	13.97	PASS
	HCH	1	0	0.49923	0.7104	PASS
		1	37	0.59769	0.8586	PASS
		1	74	0.50025	0.7510	PASS
		37	0	13.337	13.99	PASS

		37	18	13.347	13.98	PASS
		37	38	13.352	13.94	PASS
		75	0	13.349	13.98	PASS

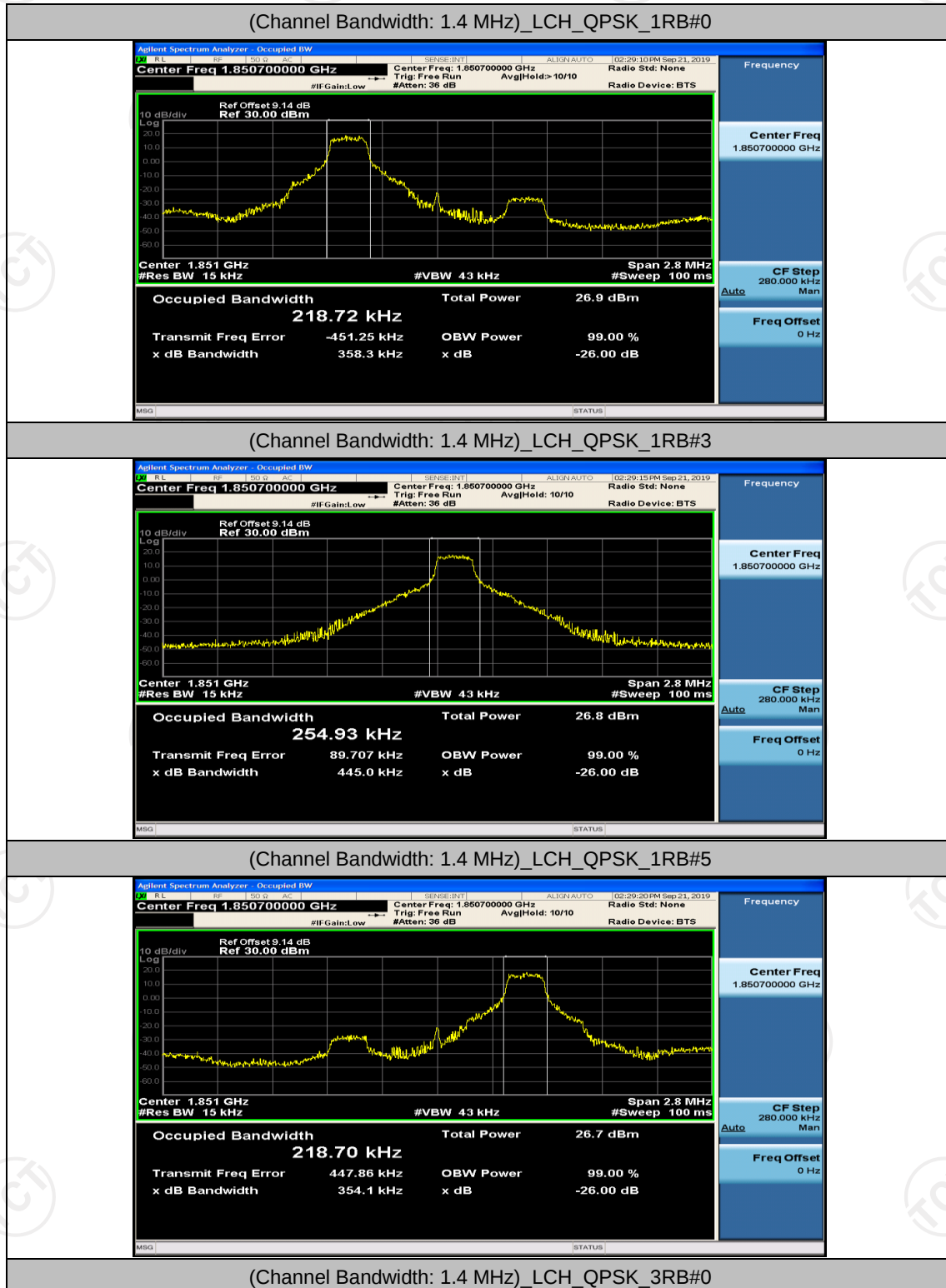
Channel Bandwidth: 20 MHz

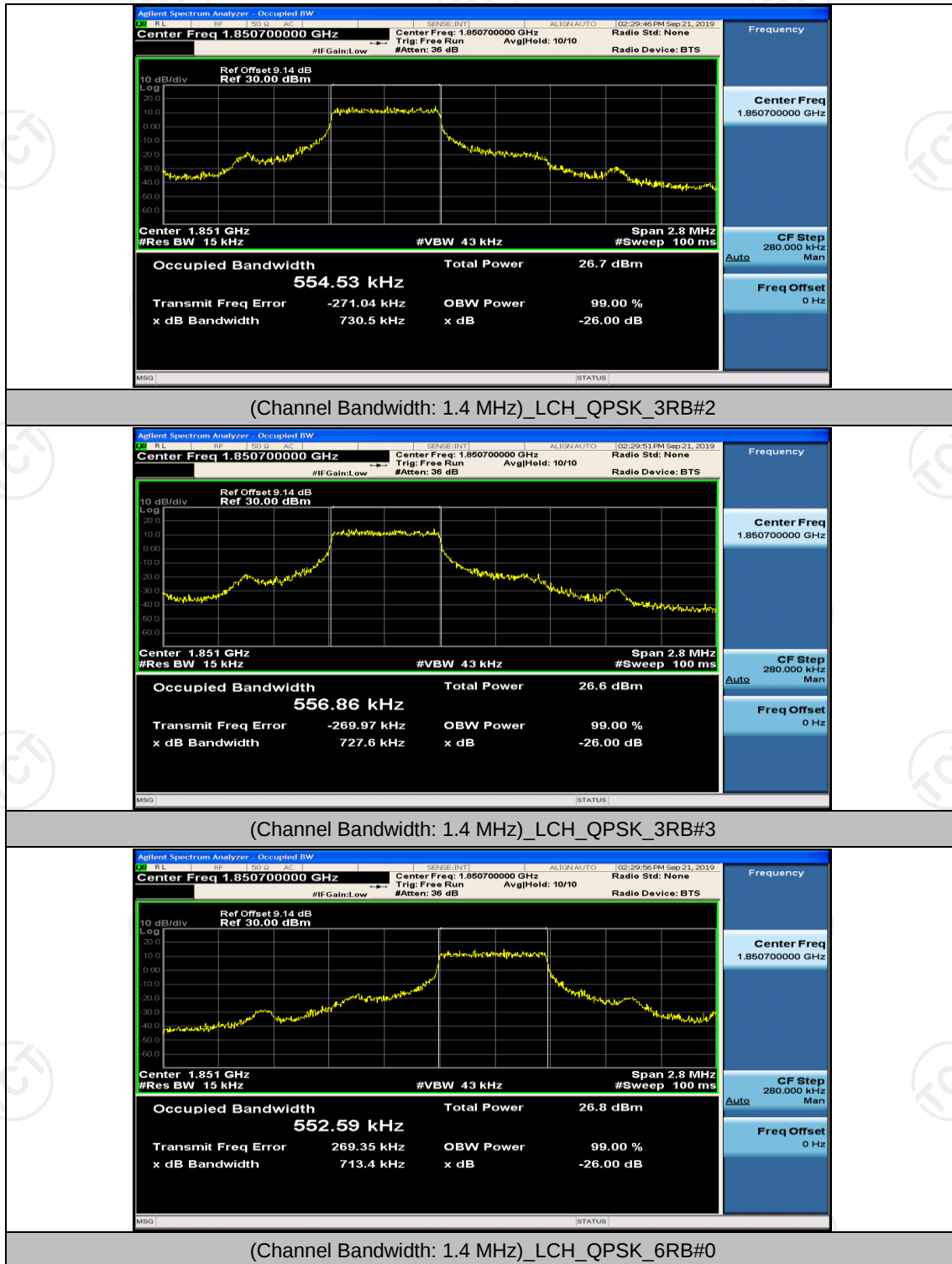
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.58840	0.8850	PASS
		1	50	0.63314	0.9363	PASS
		1	99	0.58408	0.8856	PASS
		50	0	8.9925	9.643	PASS
		50	25	8.9993	9.691	PASS
		50	50	9.0006	9.699	PASS
		100	0	17.822	18.60	PASS
	MCH	1	0	0.58844	0.8850	PASS
		1	50	0.61781	0.9191	PASS
		1	99	0.57997	0.8370	PASS
		50	0	8.9827	9.721	PASS
		50	25	8.9807	9.667	PASS
		50	50	8.9824	9.828	PASS
		100	0	17.812	18.58	PASS
	HCH	1	0	0.57356	0.8268	PASS
		1	50	0.64036	0.8478	PASS
		1	99	0.60529	0.8361	PASS
		50	0	9.0129	9.712	PASS
		50	25	8.9815	9.718	PASS
		50	50	8.9768	9.600	PASS
		100	0	17.812	18.58	PASS
16QAM	LCH	1	0	0.57511	0.8410	PASS
		1	50	0.62471	0.8180	PASS
		1	99	0.59541	0.8843	PASS
		50	0	8.9881	9.593	PASS
		50	25	8.9811	9.616	PASS
		50	50	8.9934	9.769	PASS
		100	0	17.845	18.63	PASS
	MCH	1	0	0.58951	0.8609	PASS
		1	50	0.66924	0.9893	PASS
		1	99	0.59407	0.8174	PASS

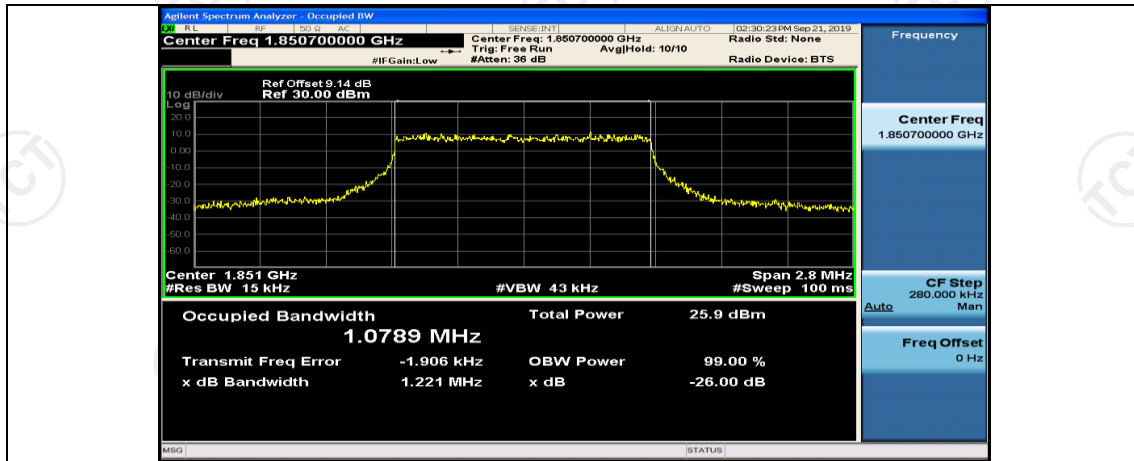
		50	0	8.9925	9.862	PASS
		50	25	8.9865	9.615	PASS
		50	50	8.9859	9.674	PASS
		100	0	17.786	18.55	PASS
	HCH	1	0	0.58541	0.8652	PASS
		1	50	0.63682	0.8648	PASS
		1	99	0.60383	0.9133	PASS
		50	0	8.9817	9.715	PASS
		50	25	8.9905	9.626	PASS
		50	50	8.9643	9.672	PASS
		100	0	17.825	18.63	PASS

Test Graphs

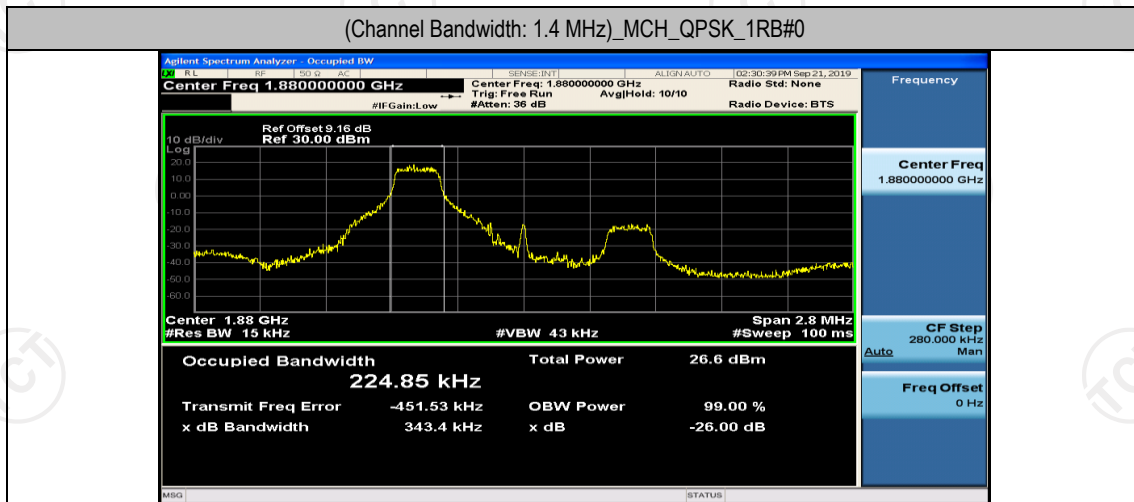
Channel Bandwidth: 1.4 MHz



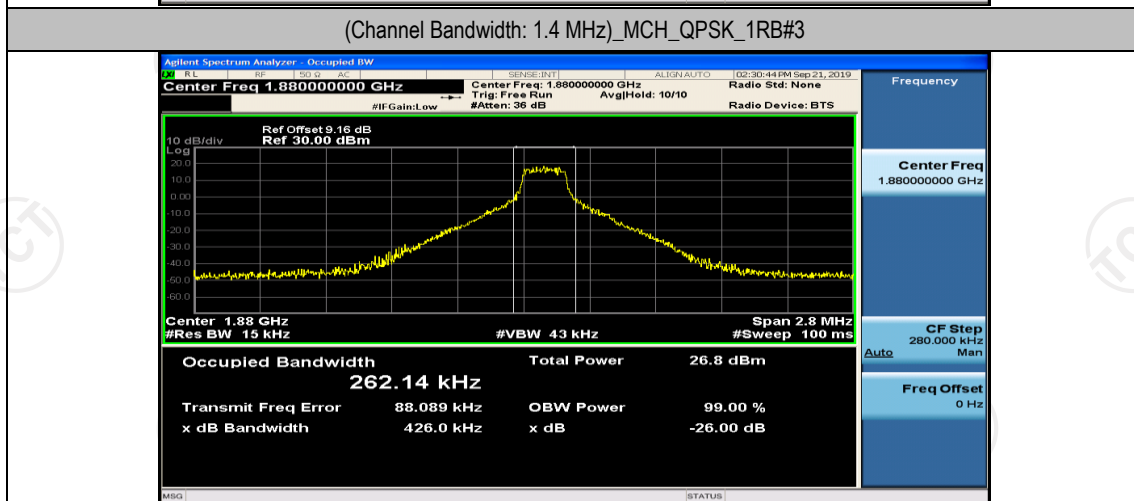




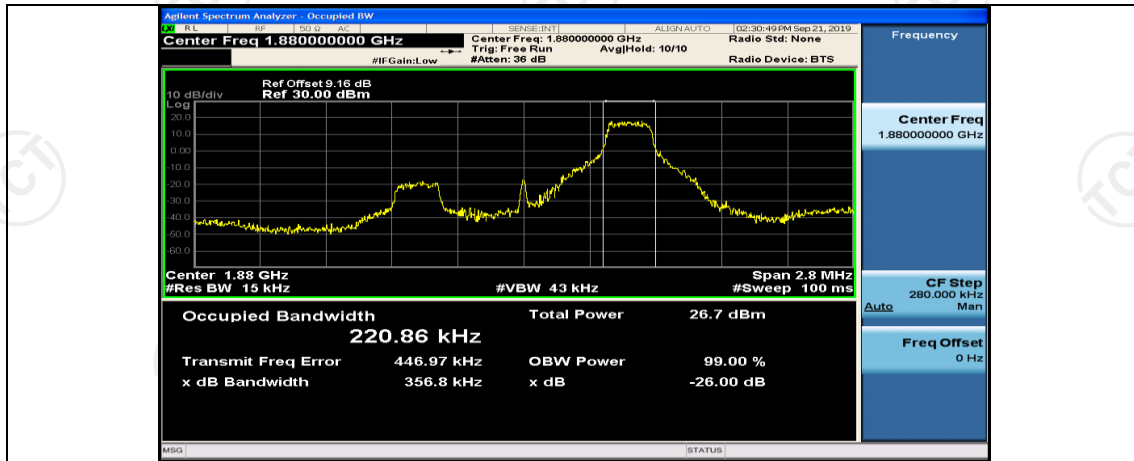
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



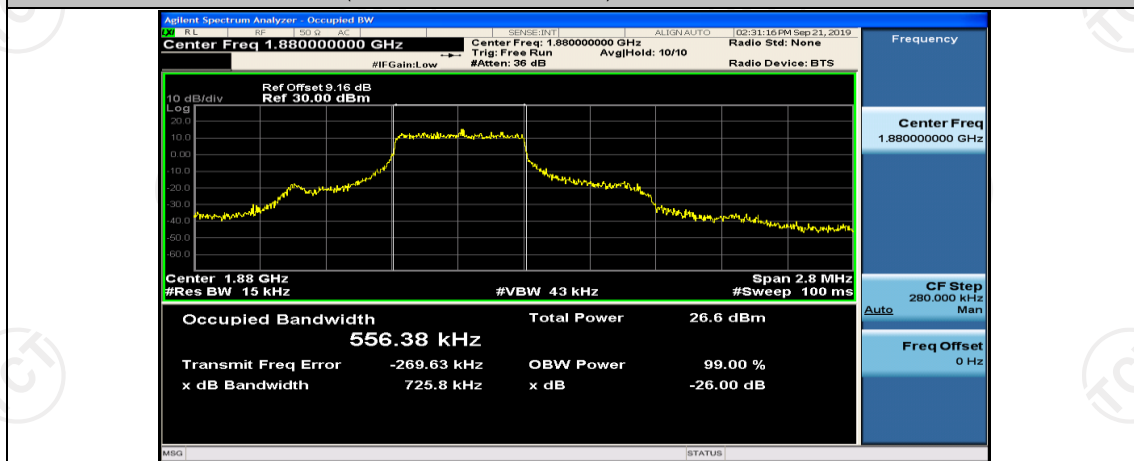
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



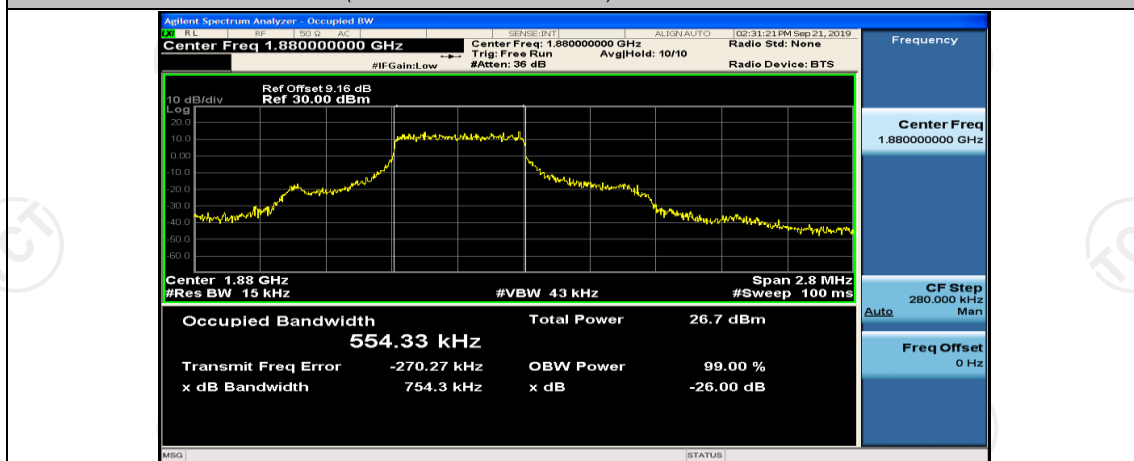
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5



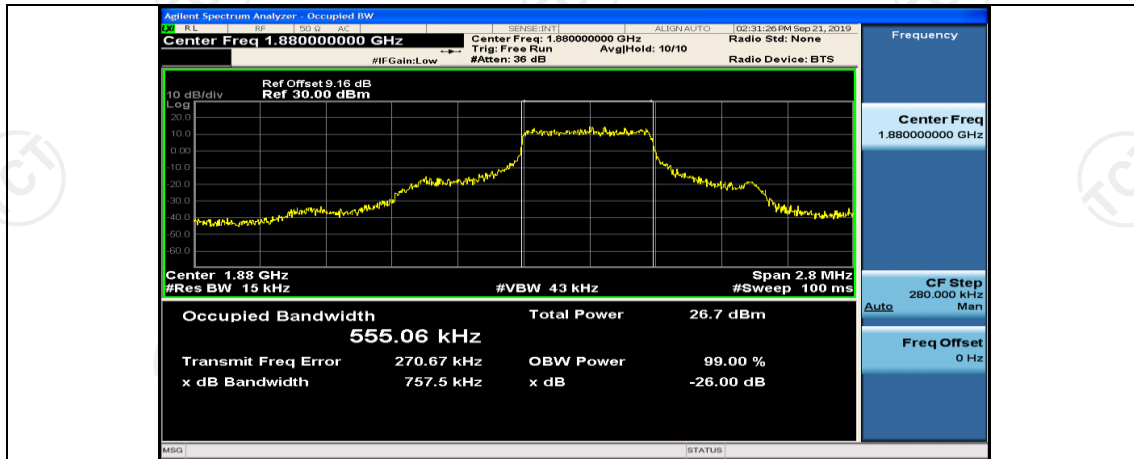
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#0



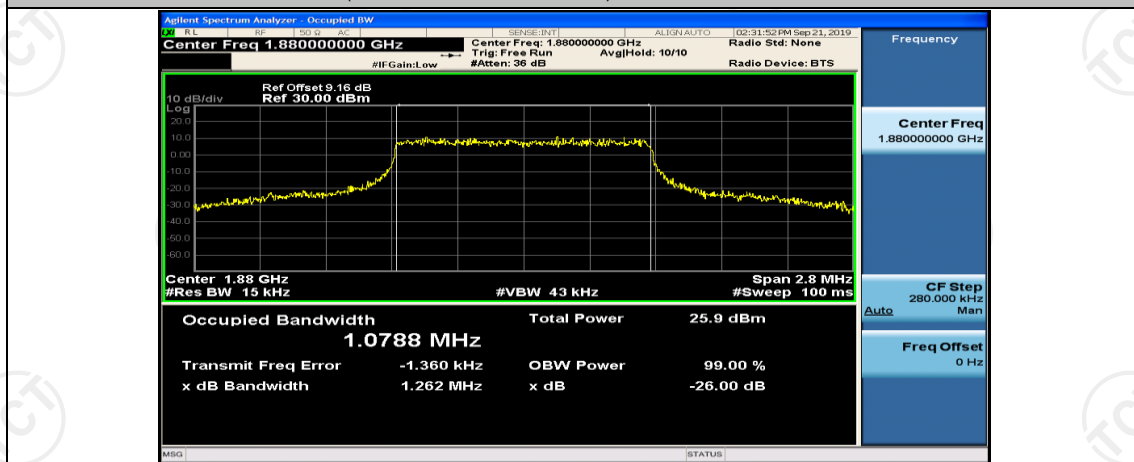
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#2



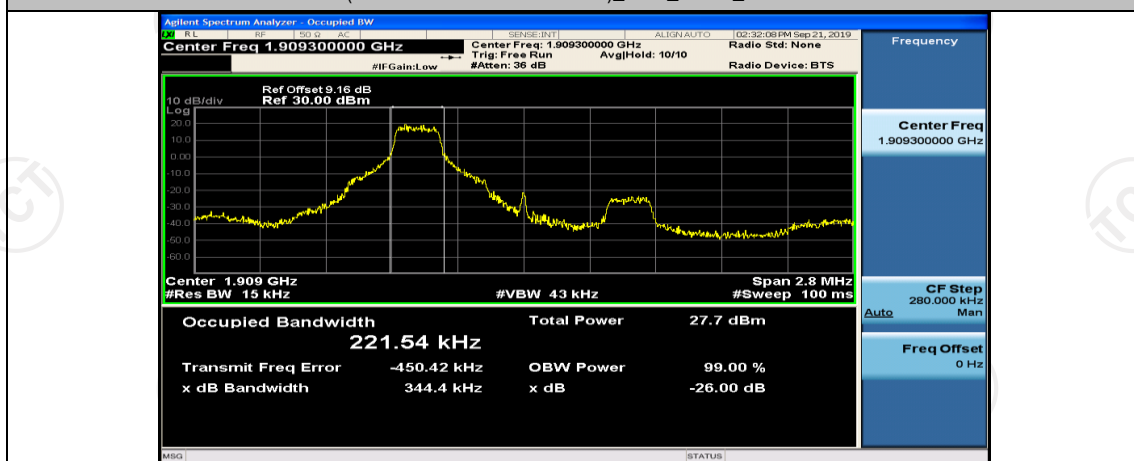
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#3



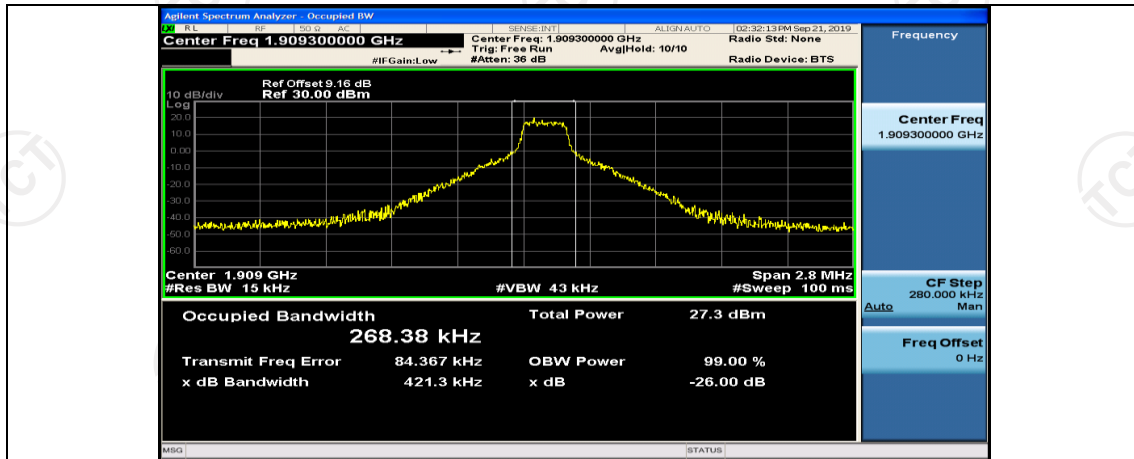
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



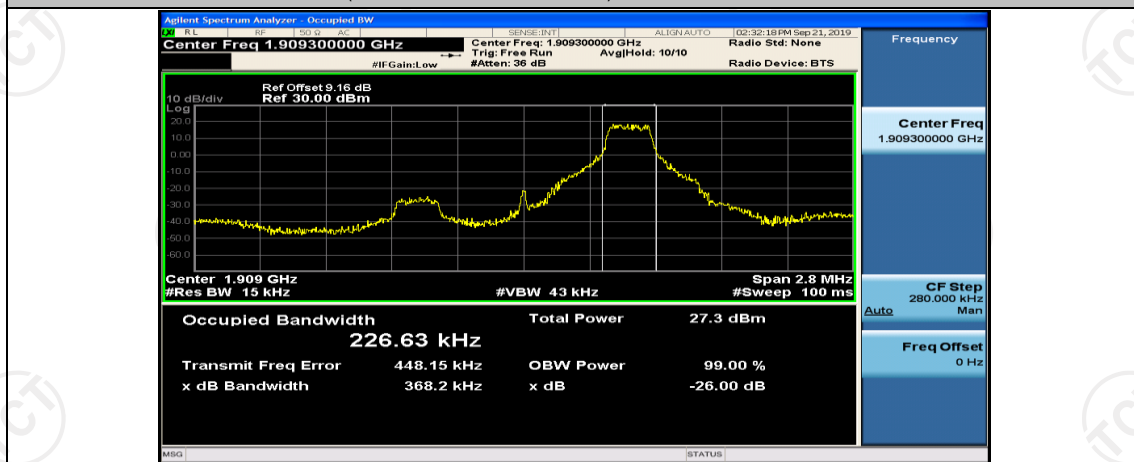
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



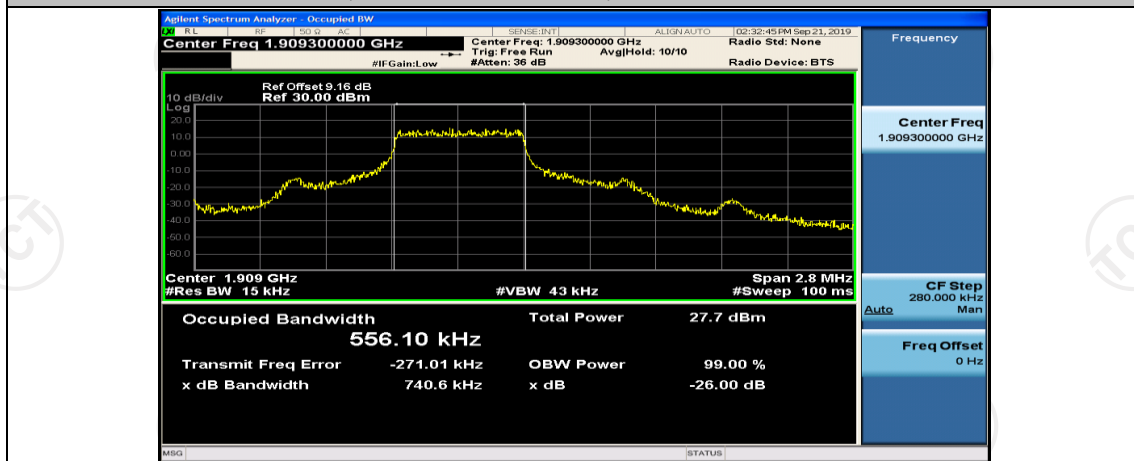
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3



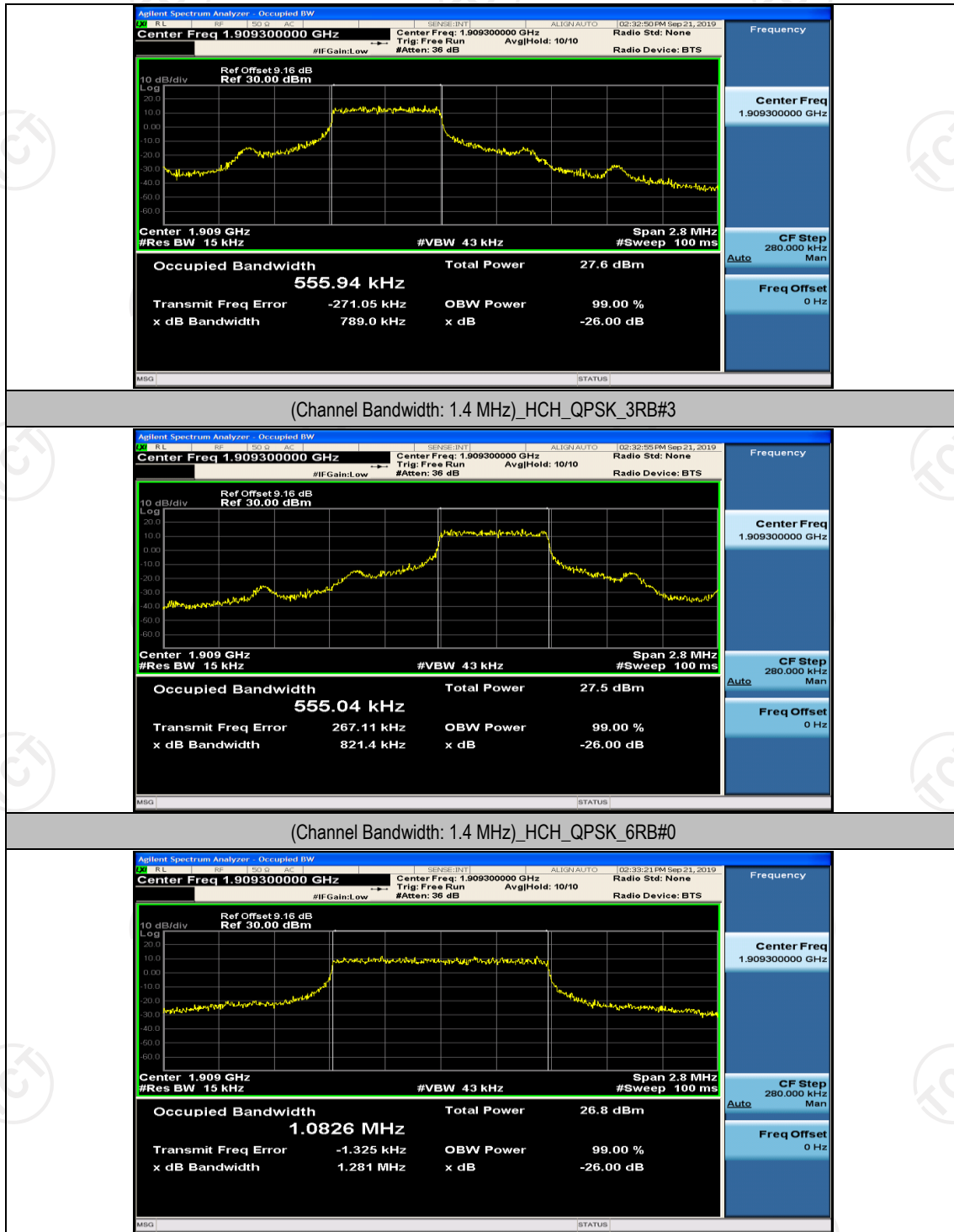
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



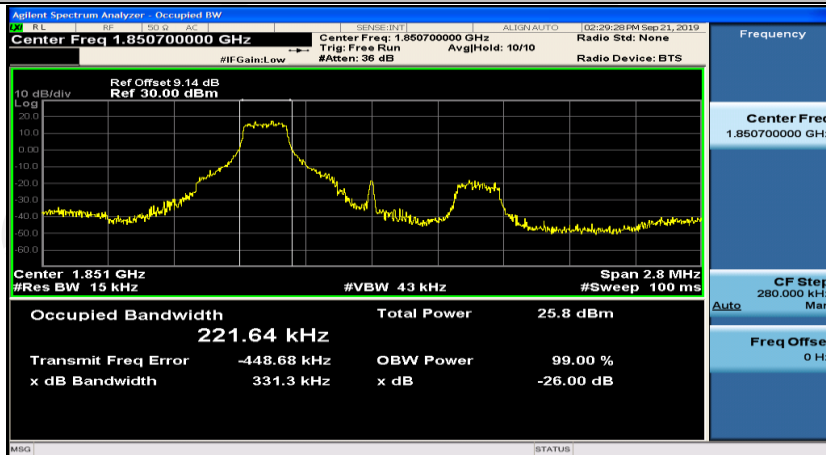
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0



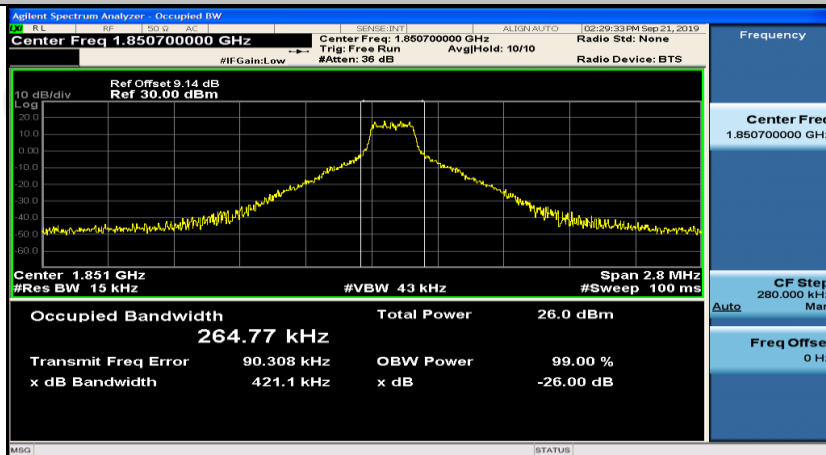
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2



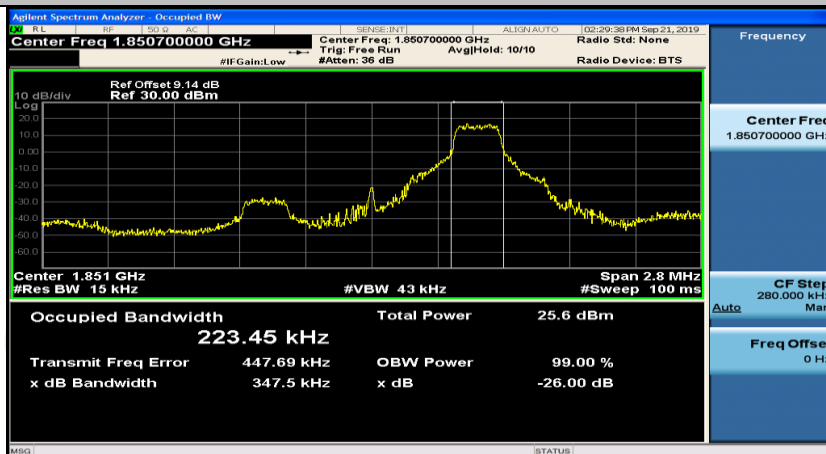
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



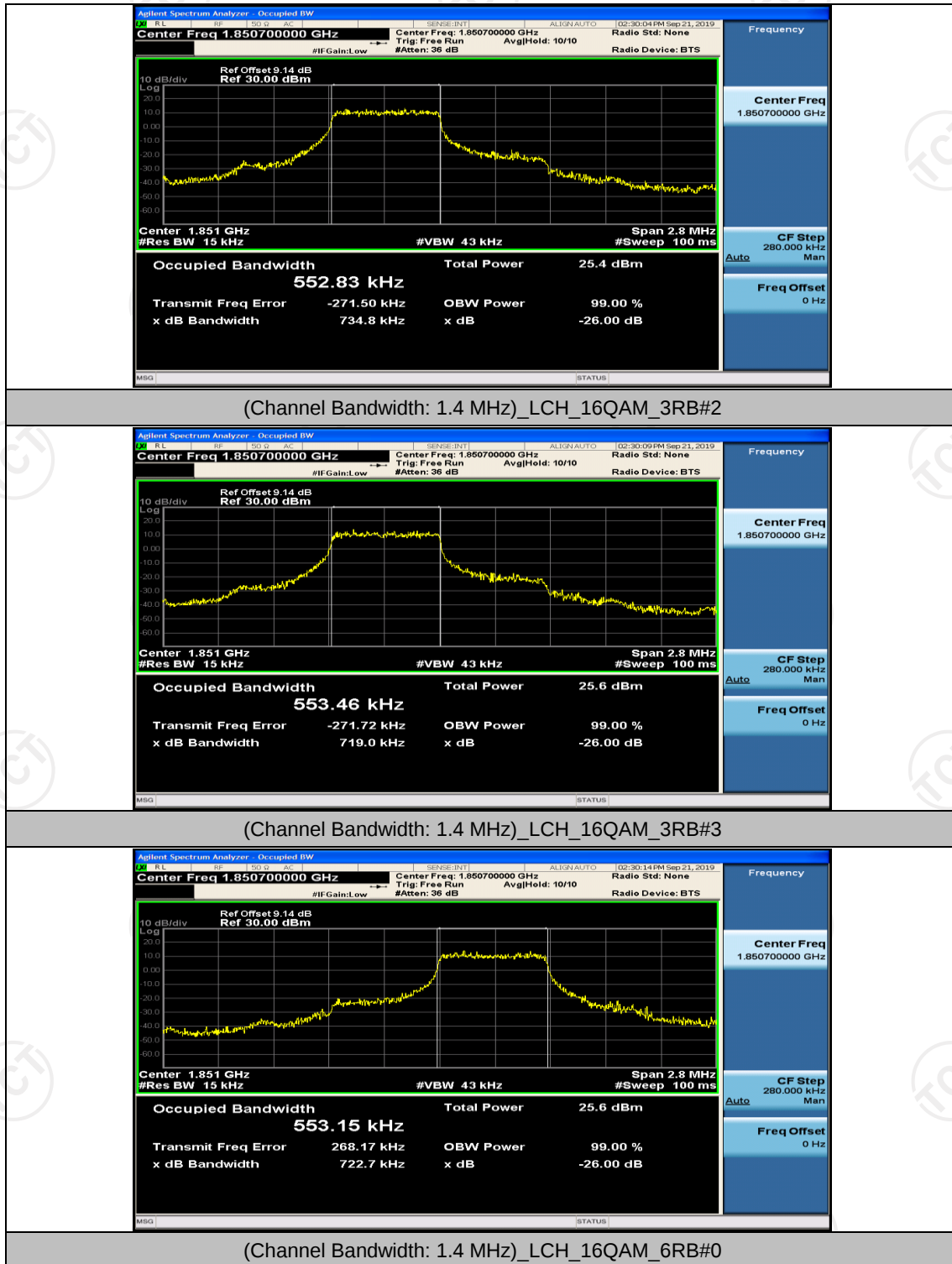
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3

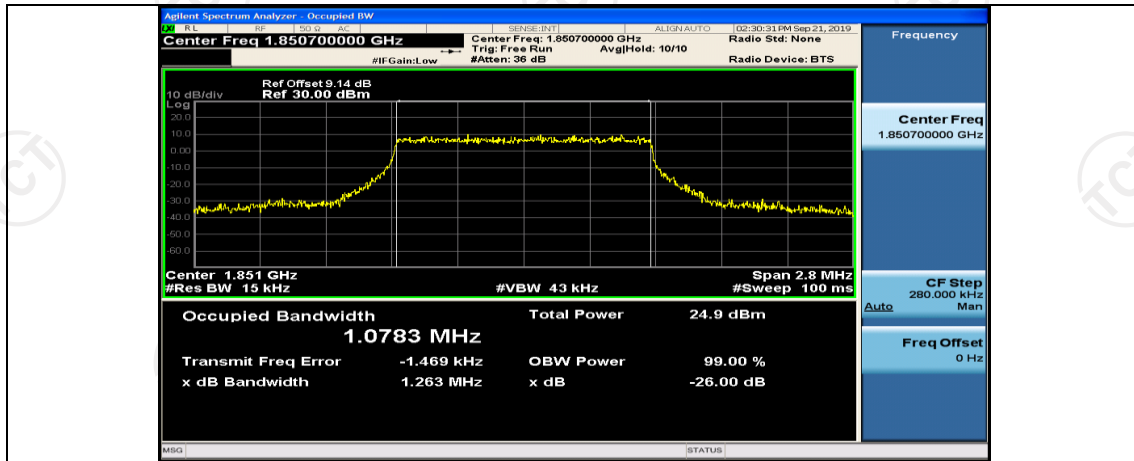


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5

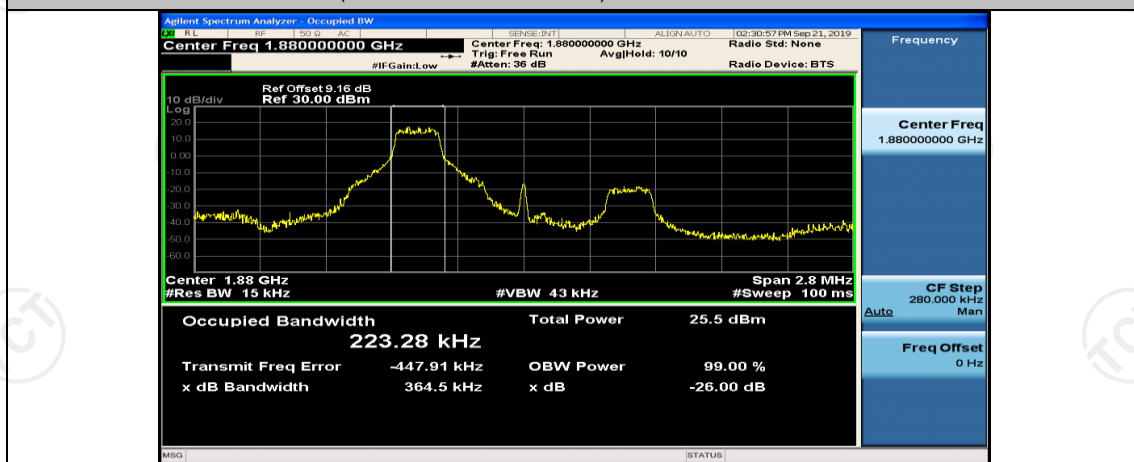


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0

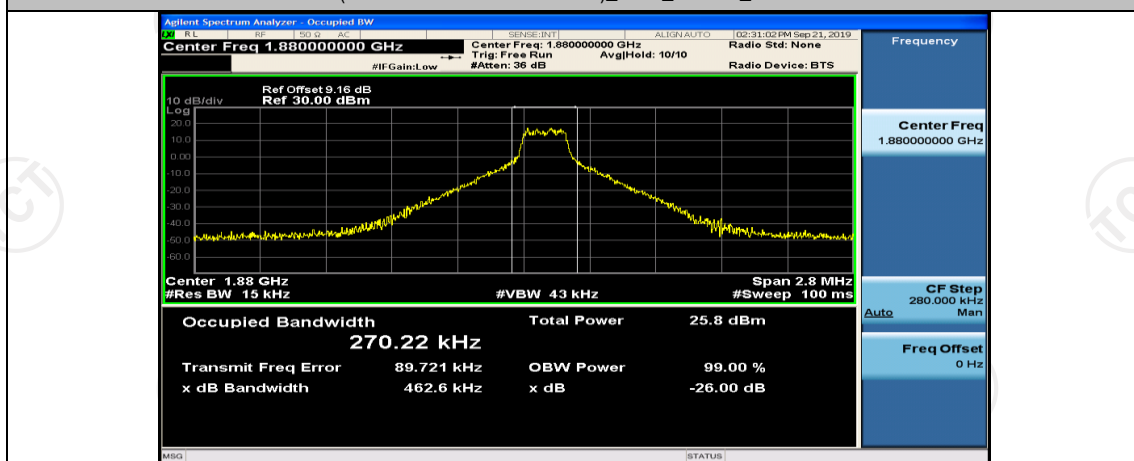




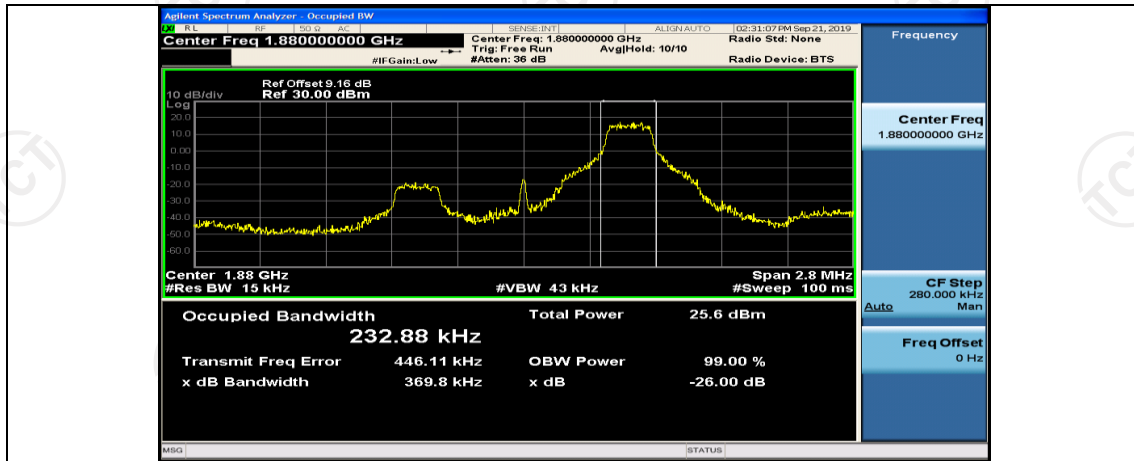
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0



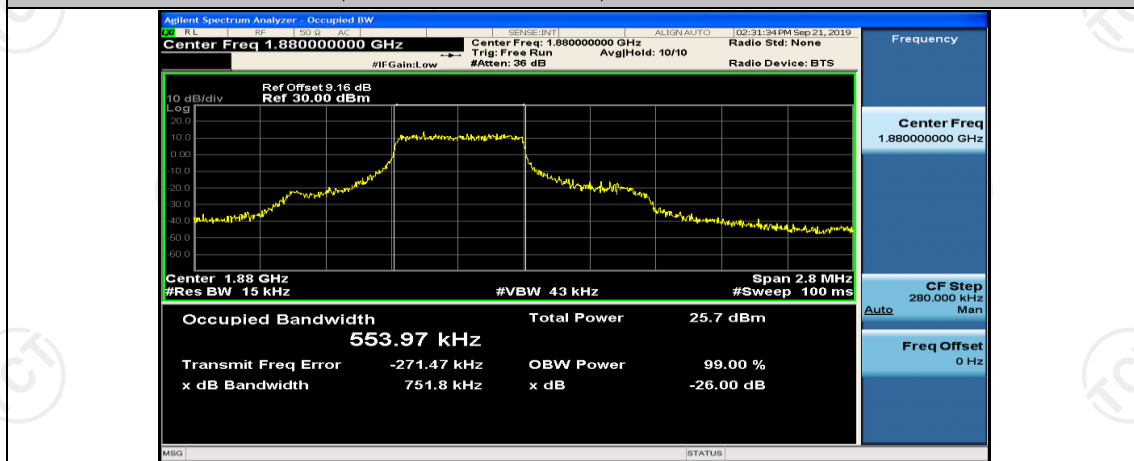
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3



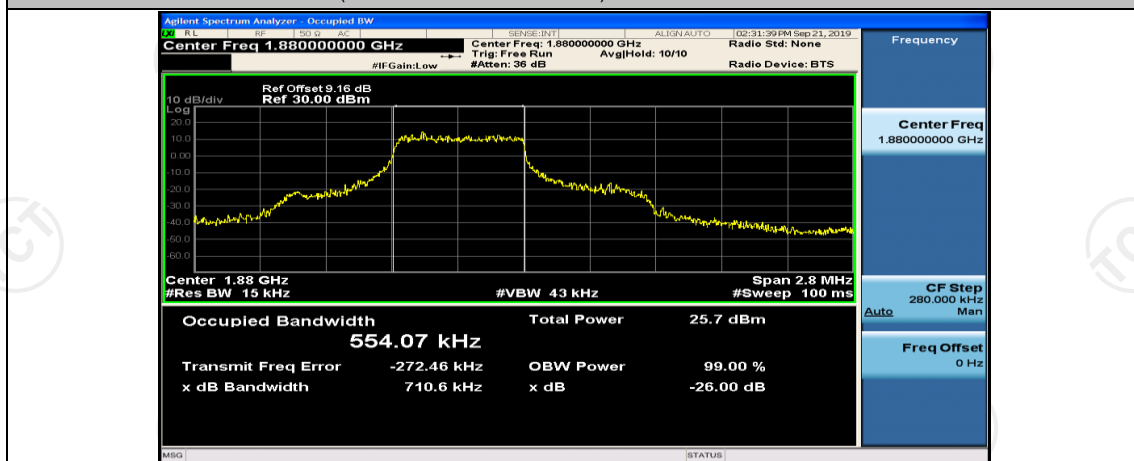
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5



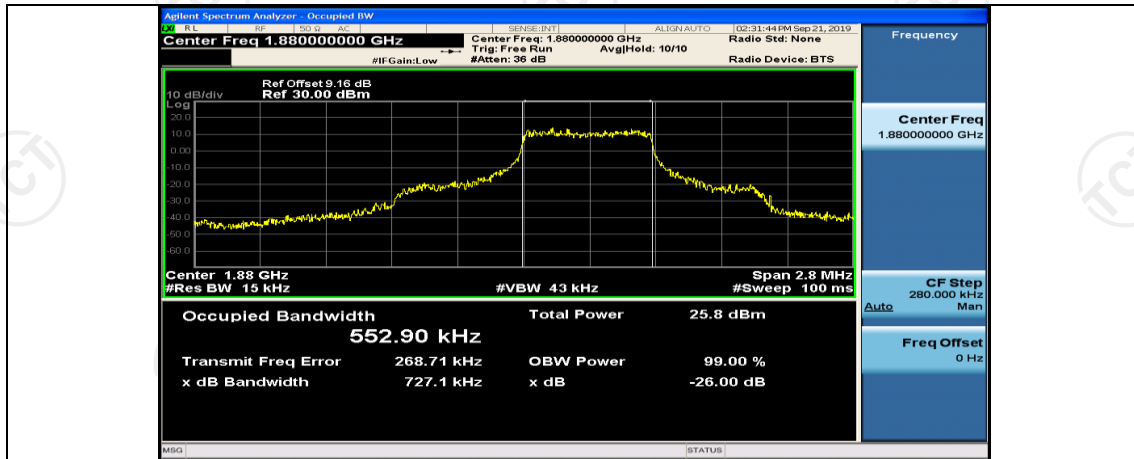
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#0



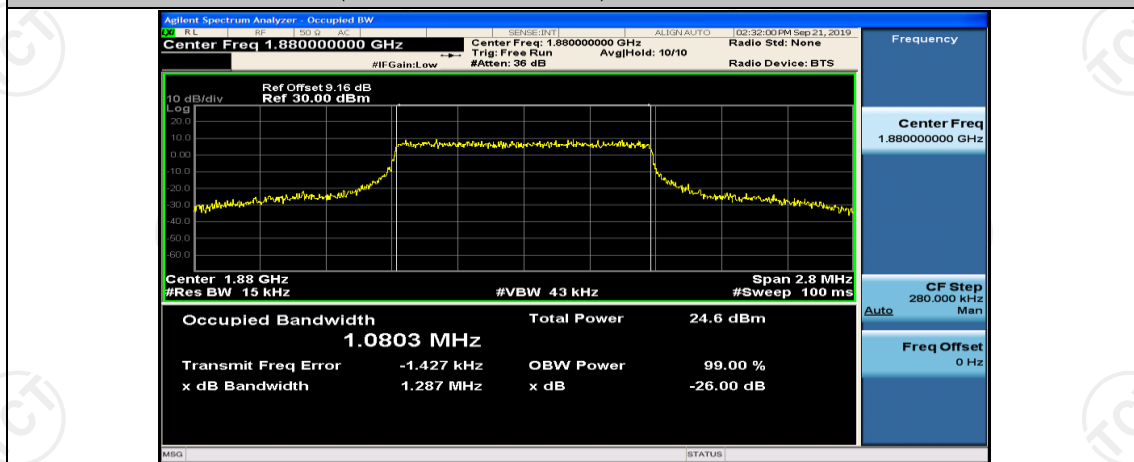
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#2



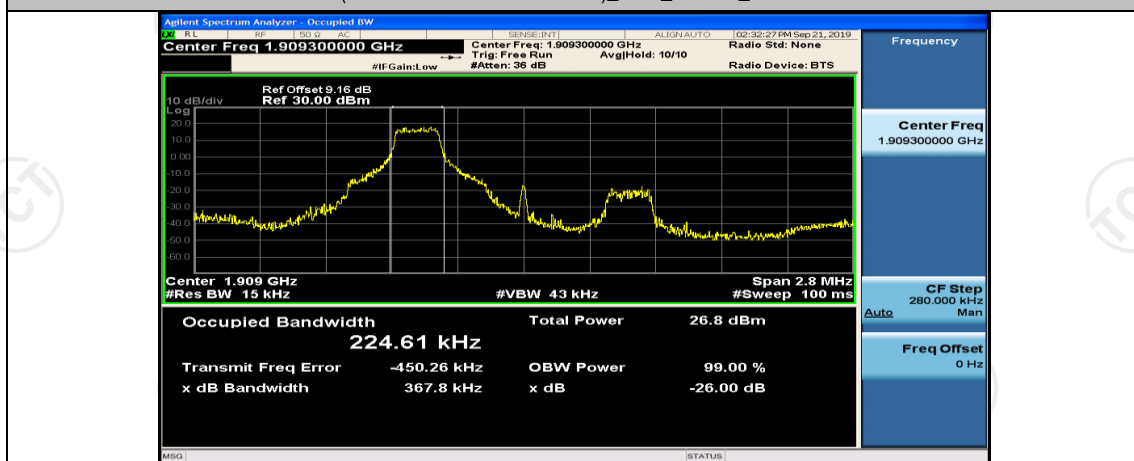
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#3



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3