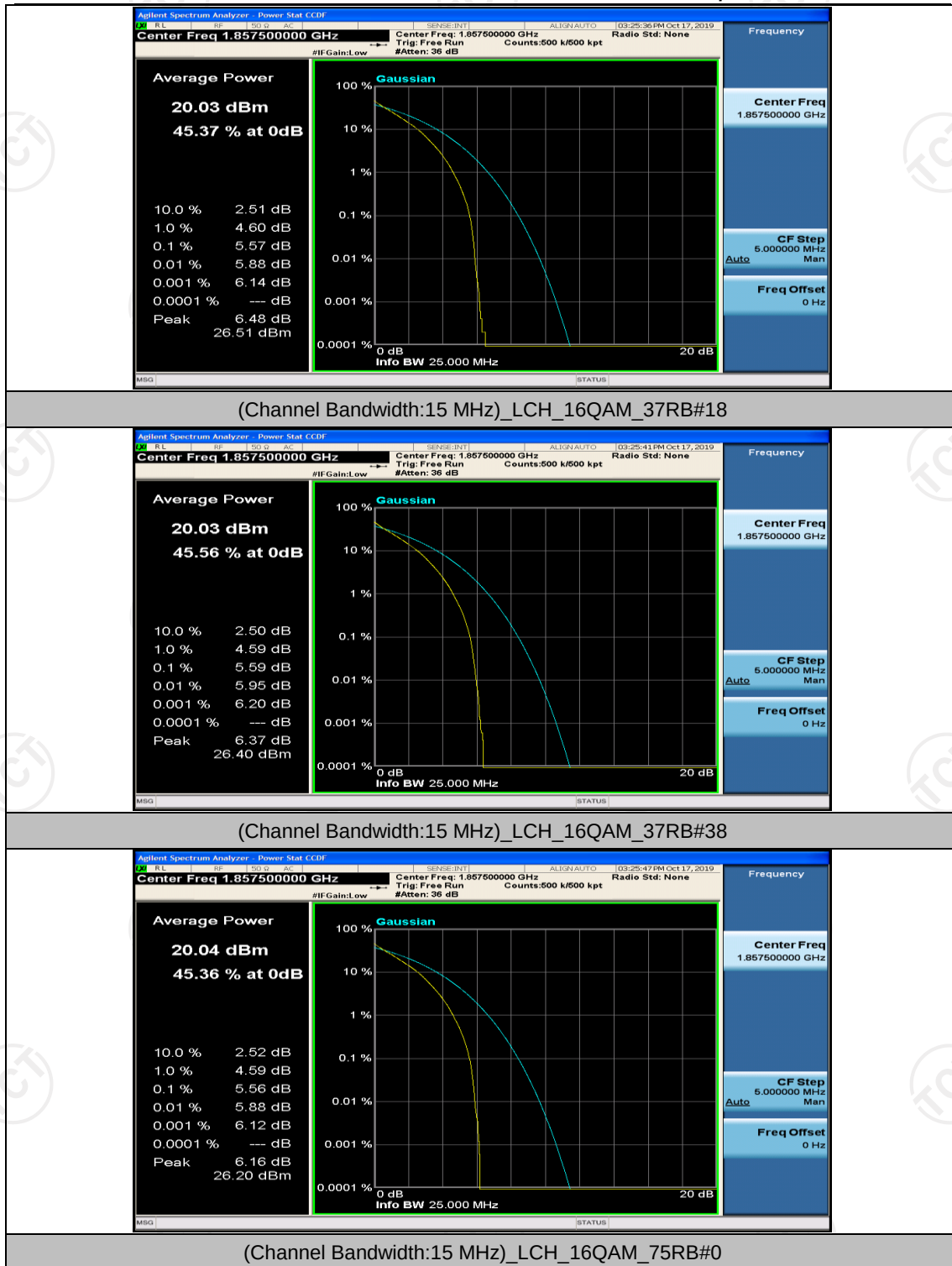
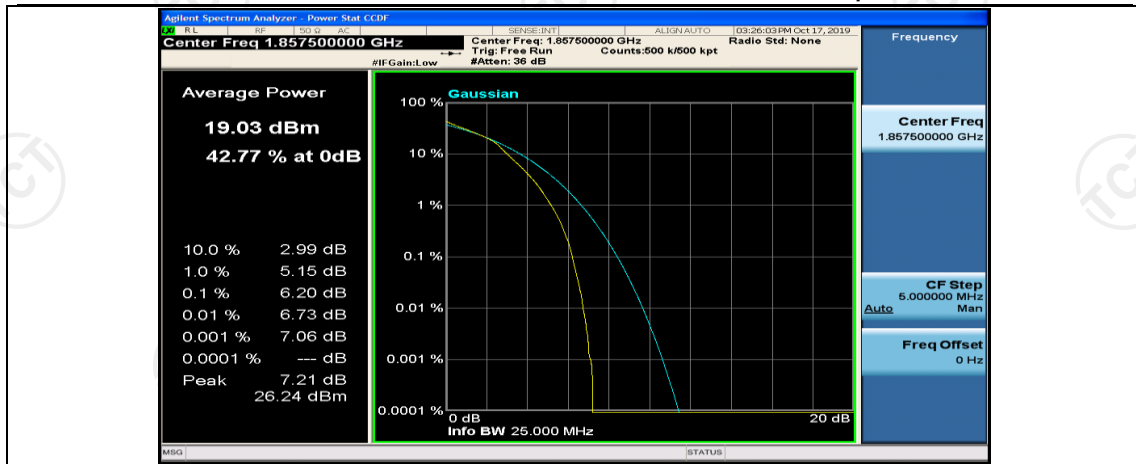
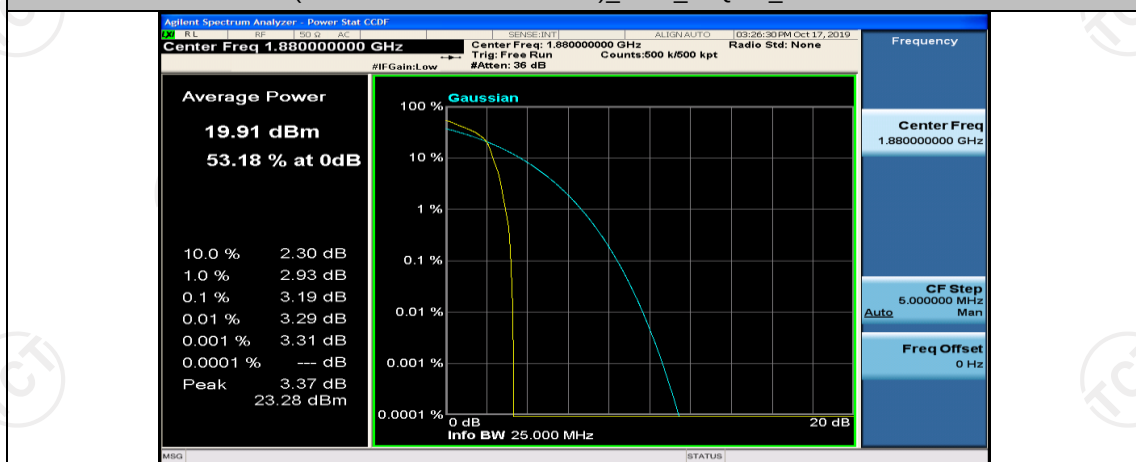


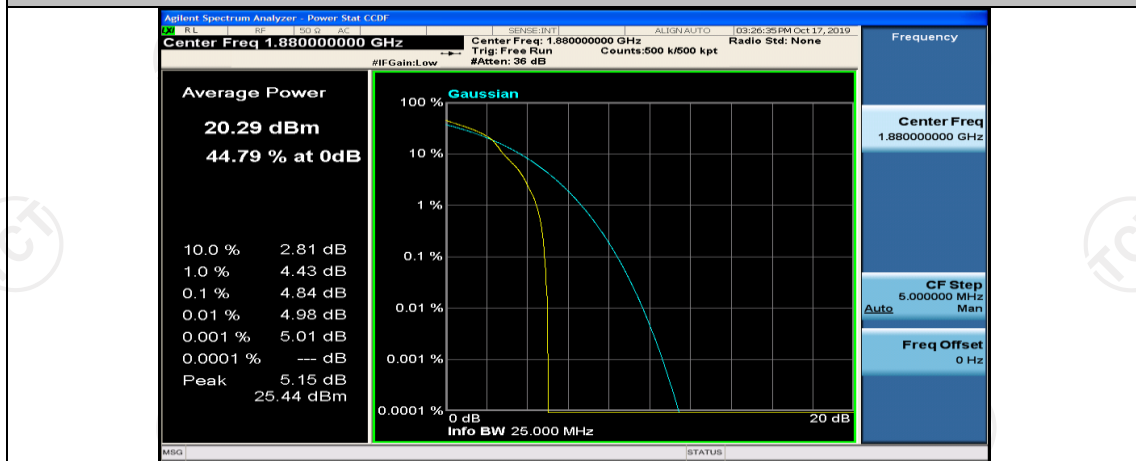




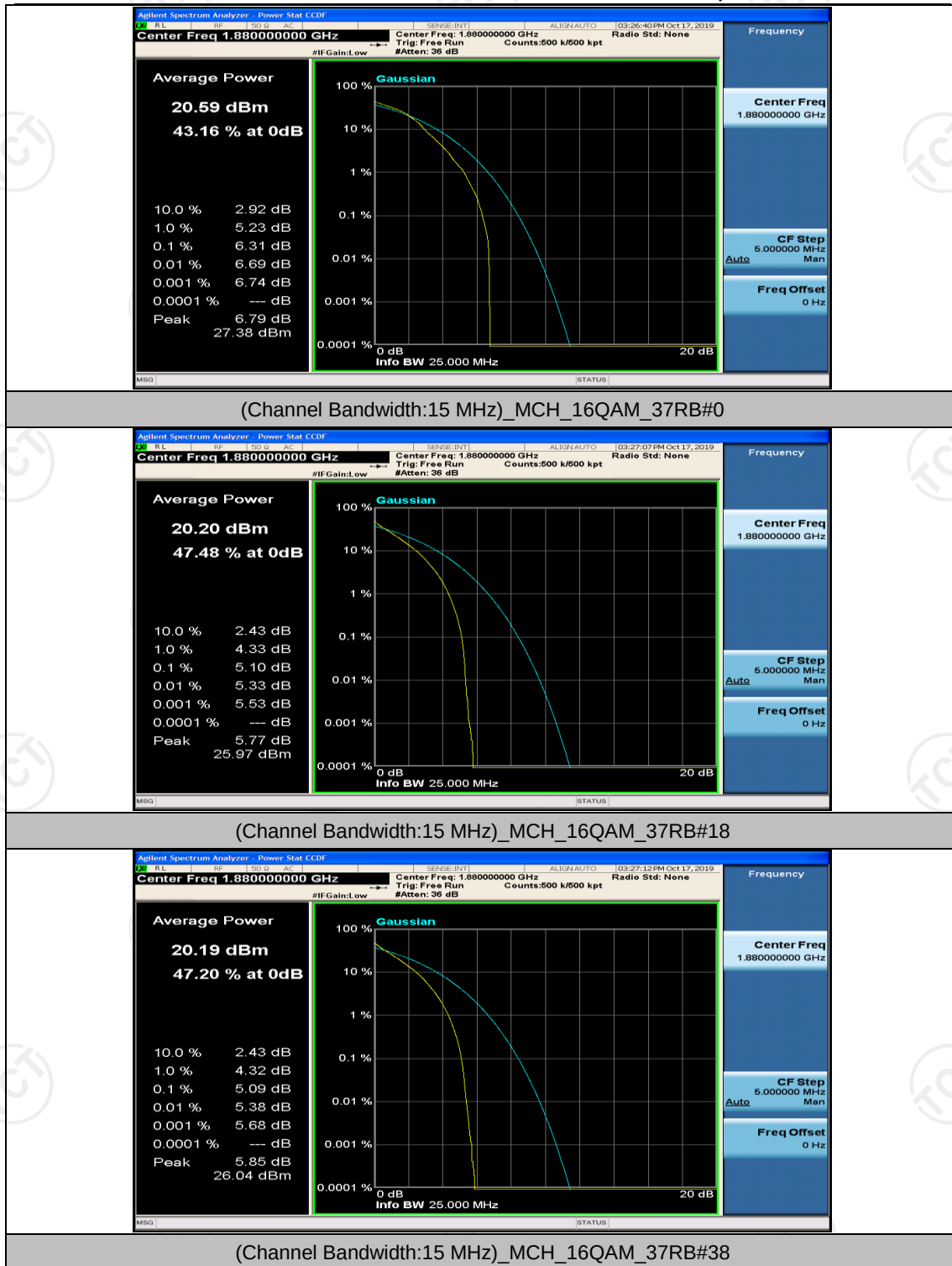
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0

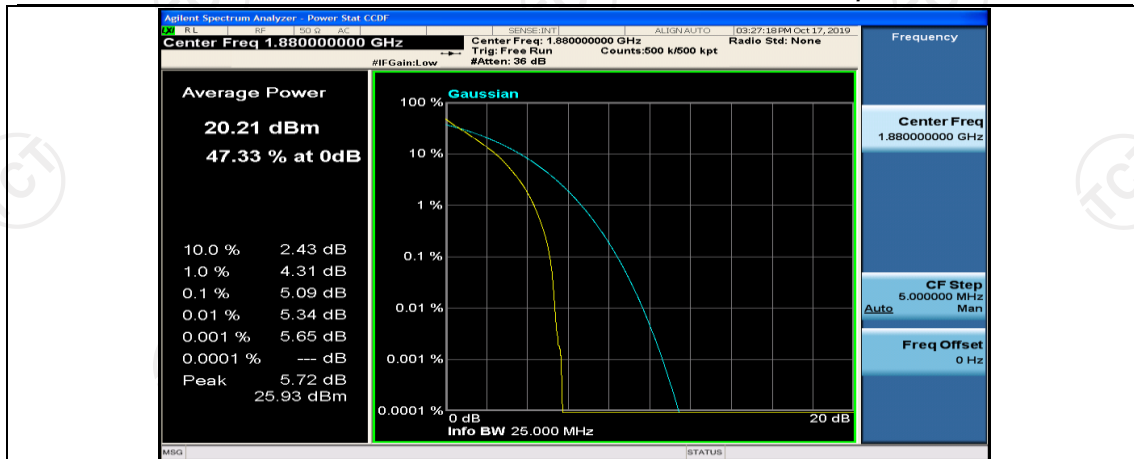


(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37

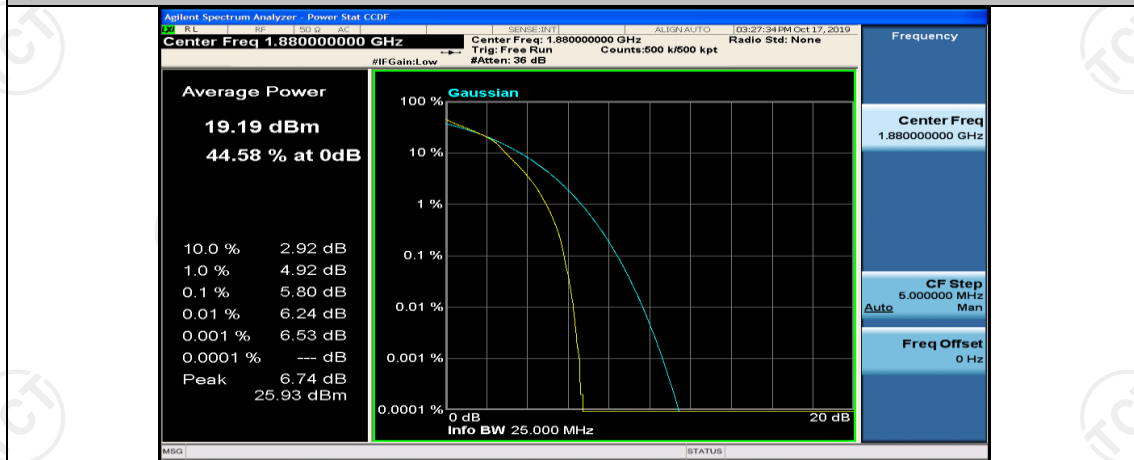


(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#74

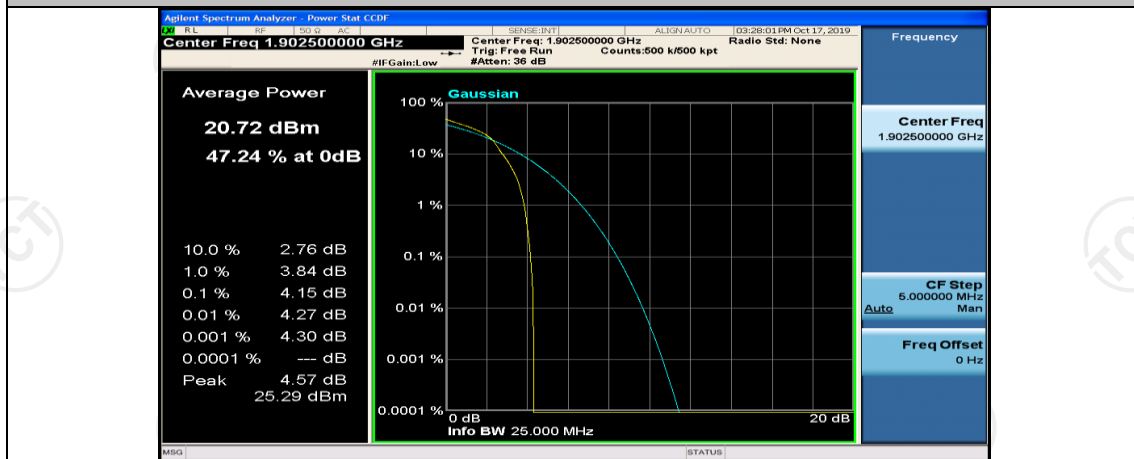




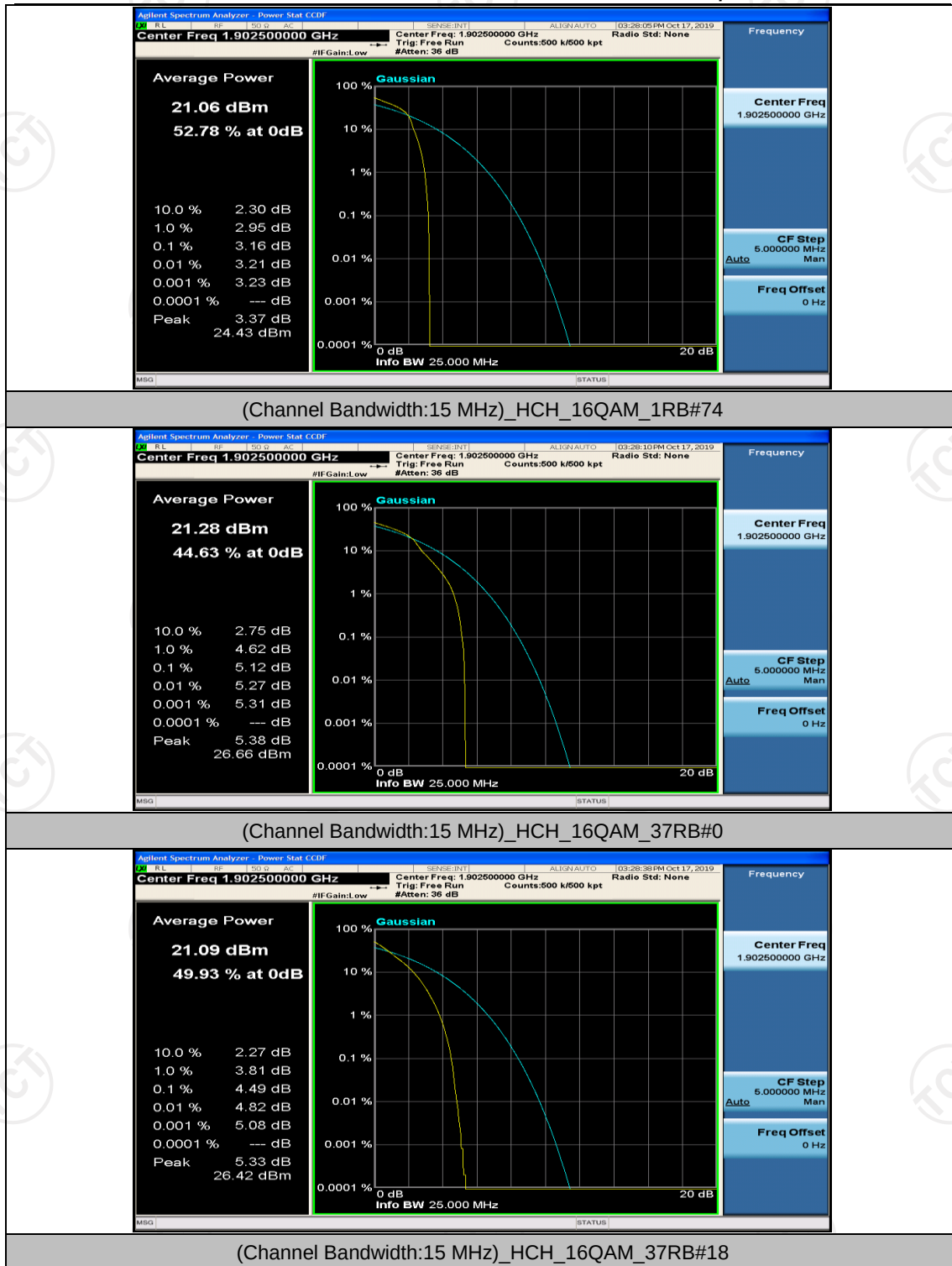
(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0

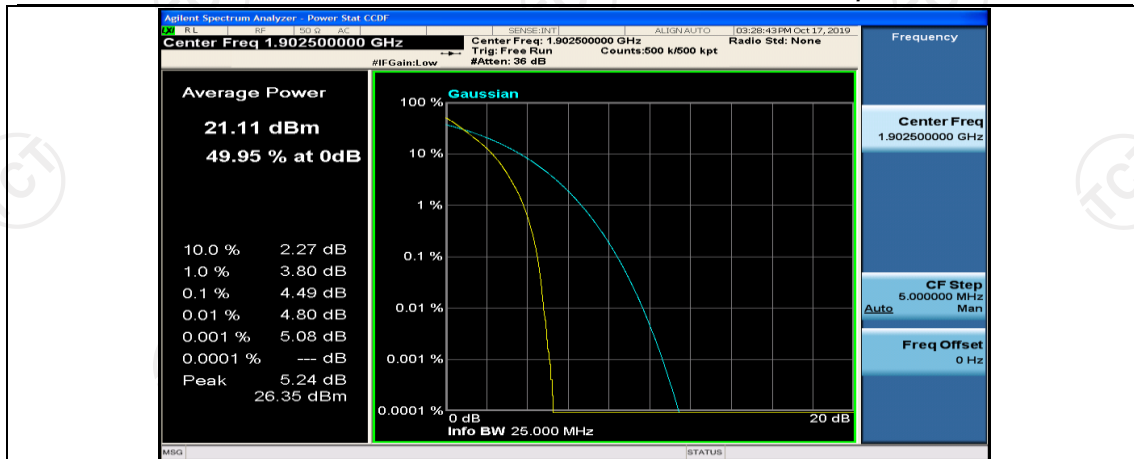


(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0

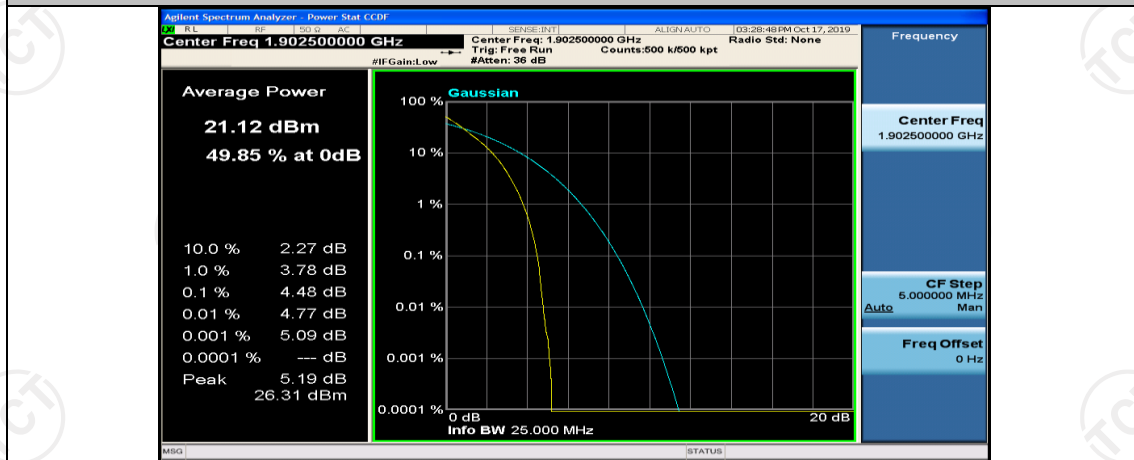


(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37

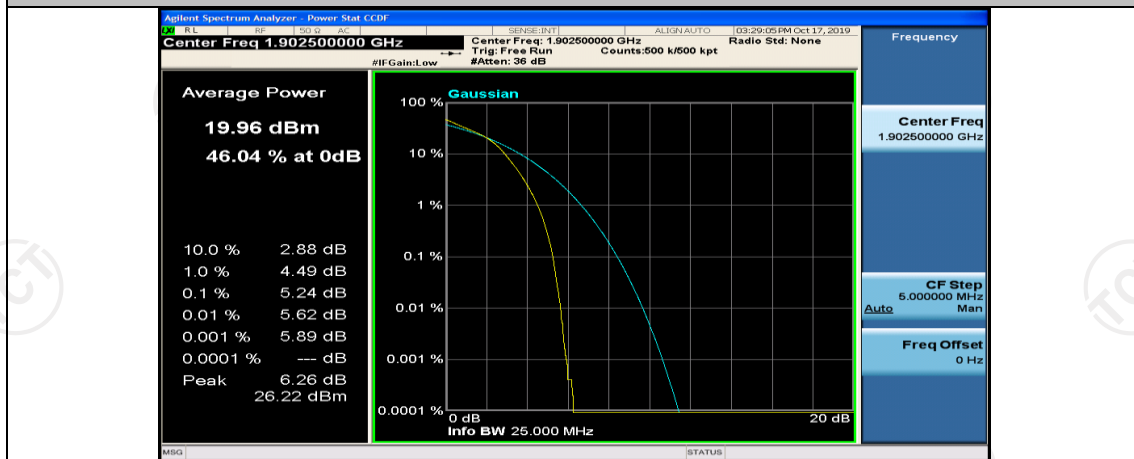




(Channel Bandwidth: 15 MHz)_HCH_16QAM_37RB#38

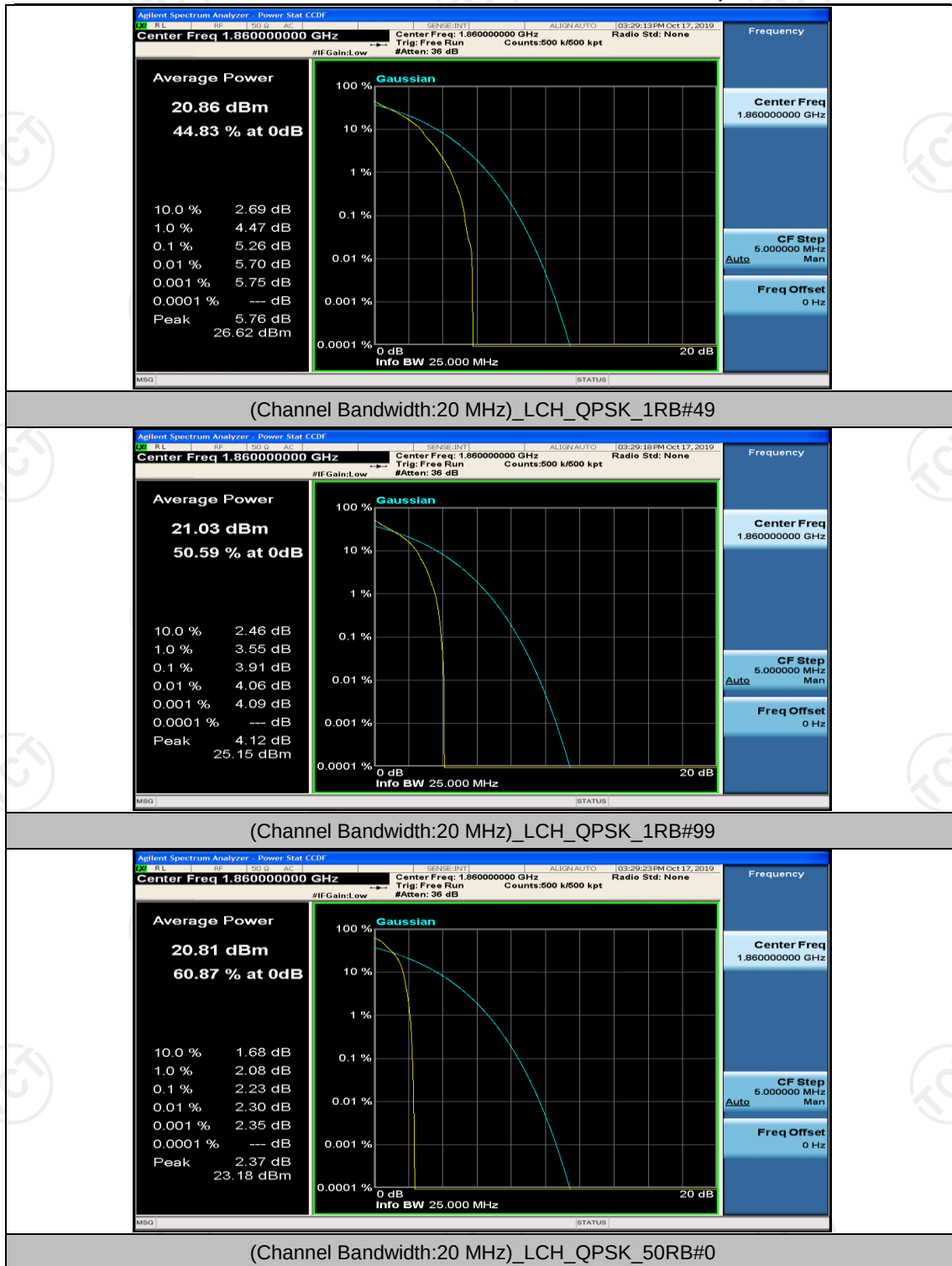


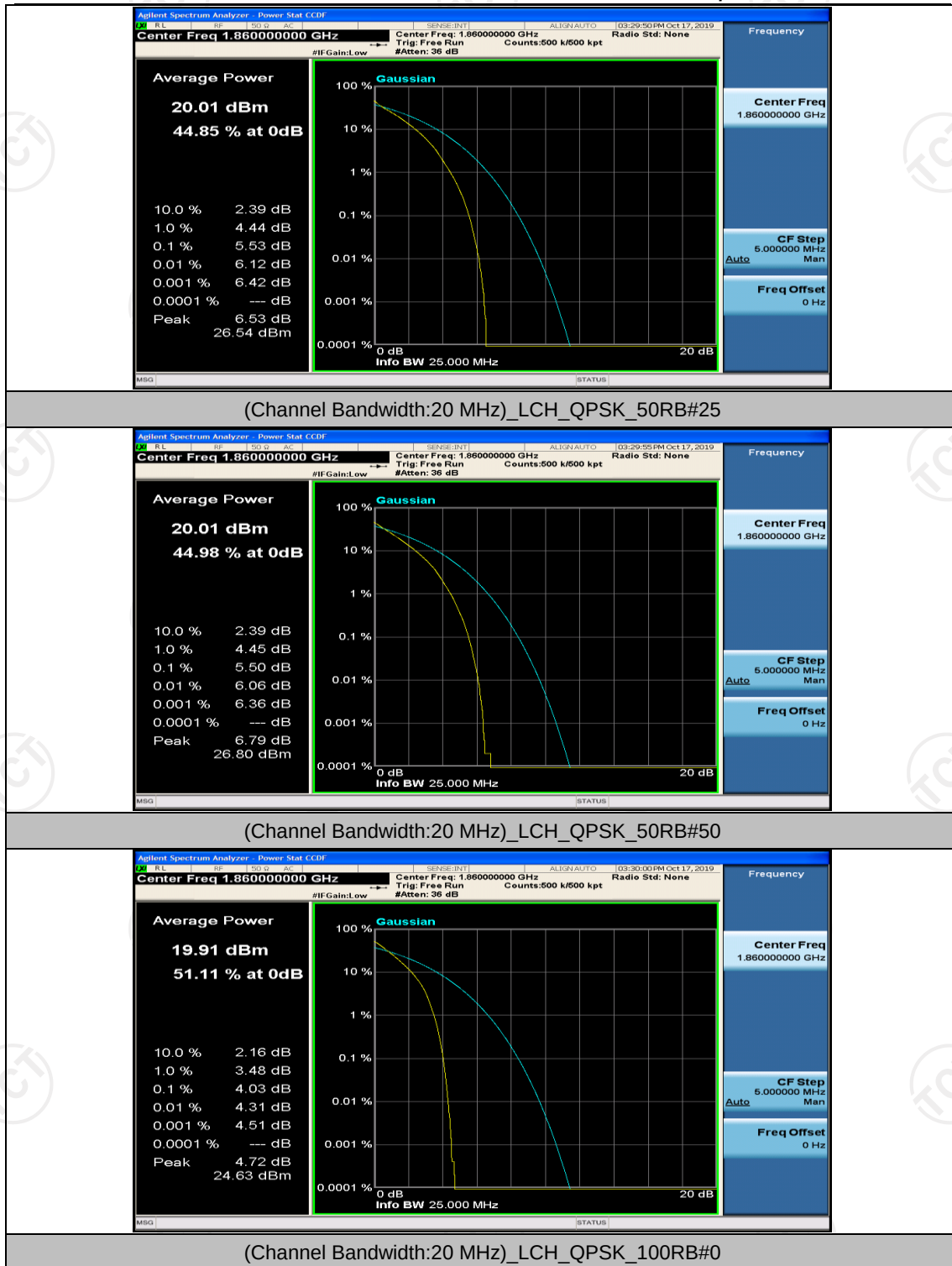
(Channel Bandwidth: 15 MHz)_HCH_16QAM_75RB#0

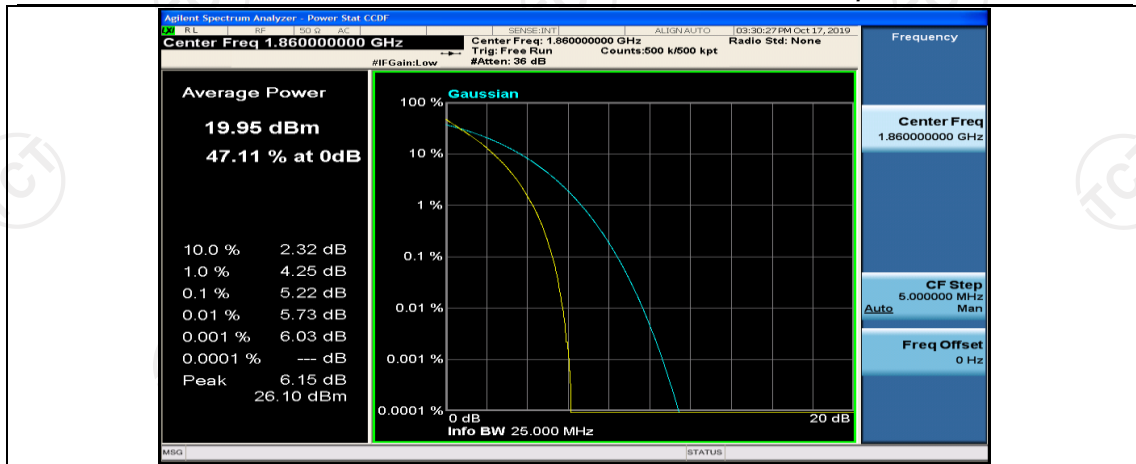


Channel Bandwidth: 20 MHz

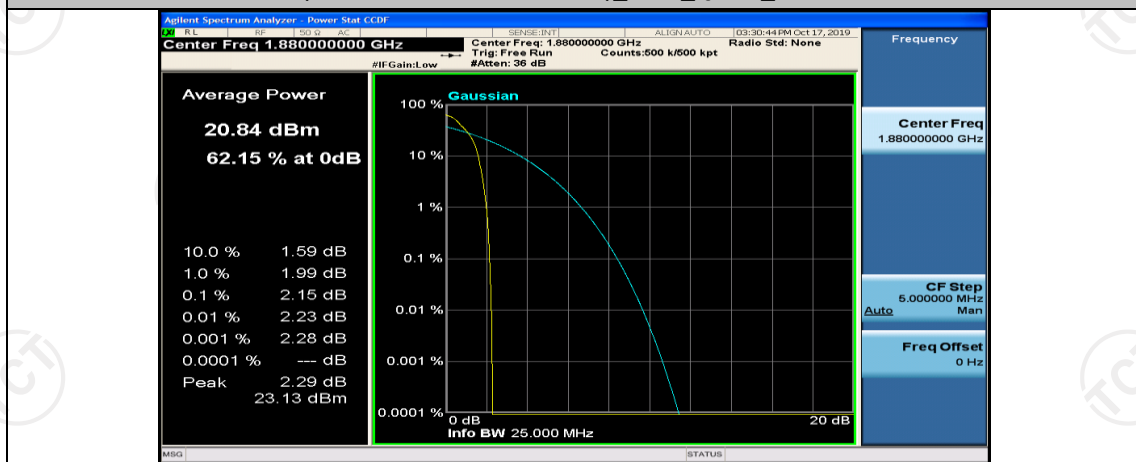
(Channel Bandwidth: 20 MHz)_LCH_QPSK_1RB#0



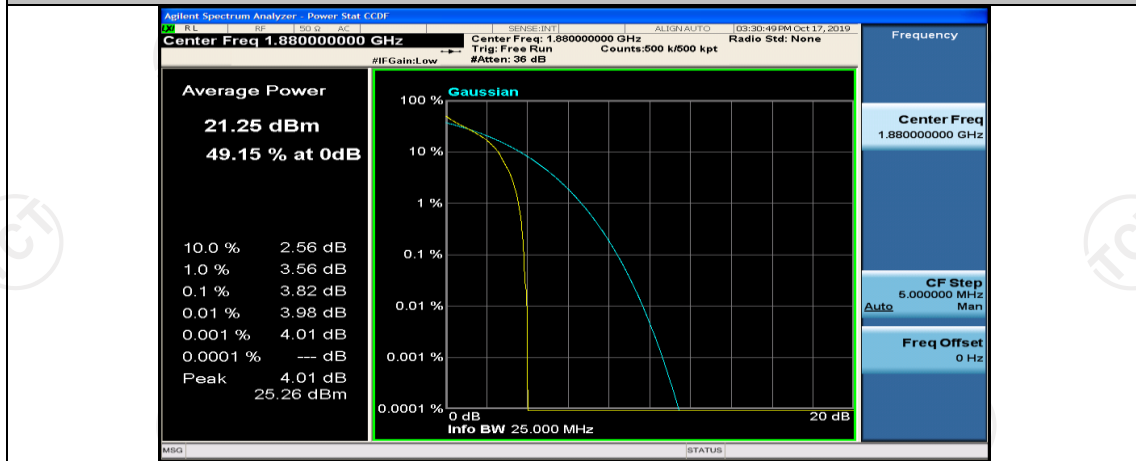




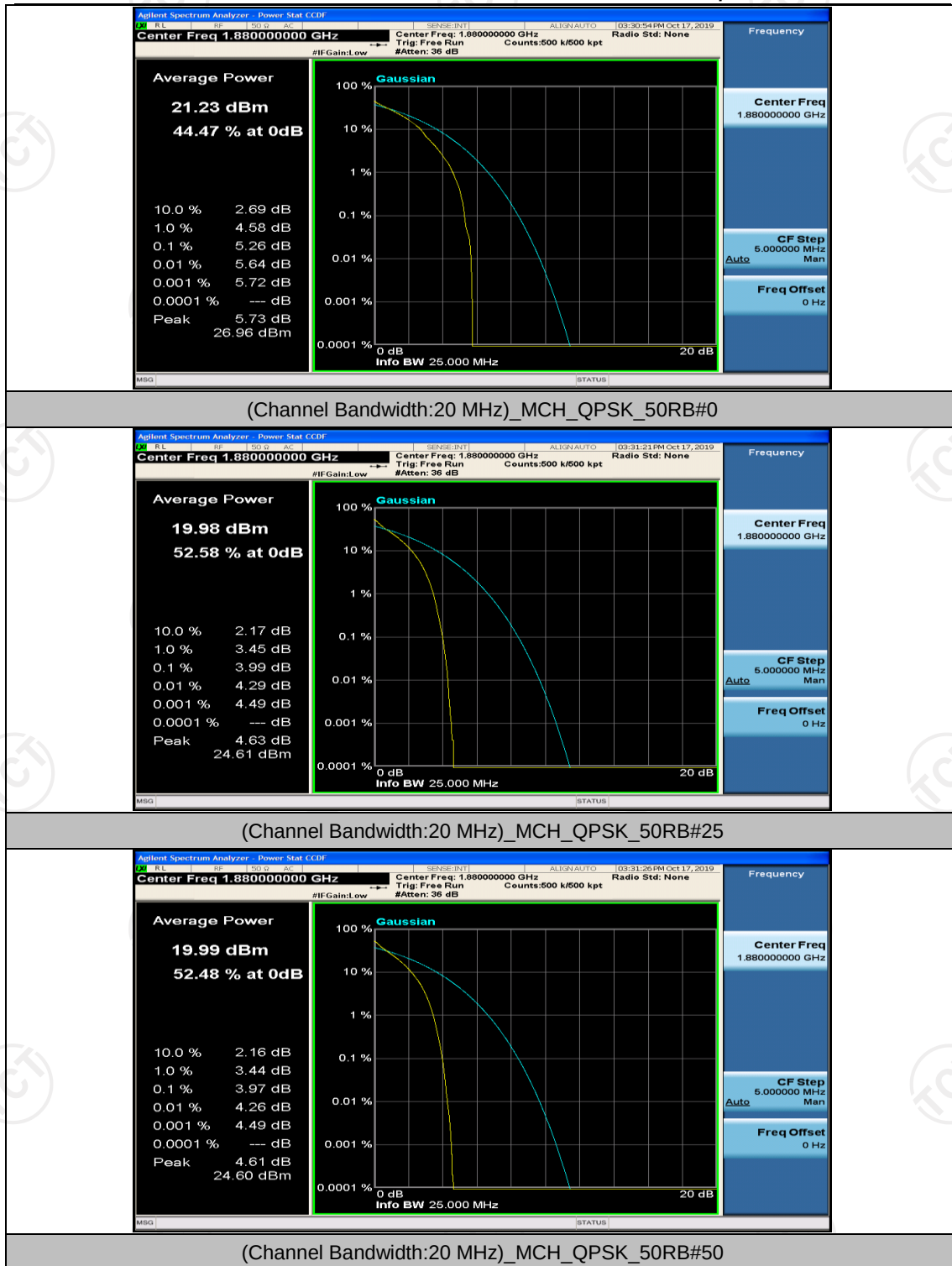
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0

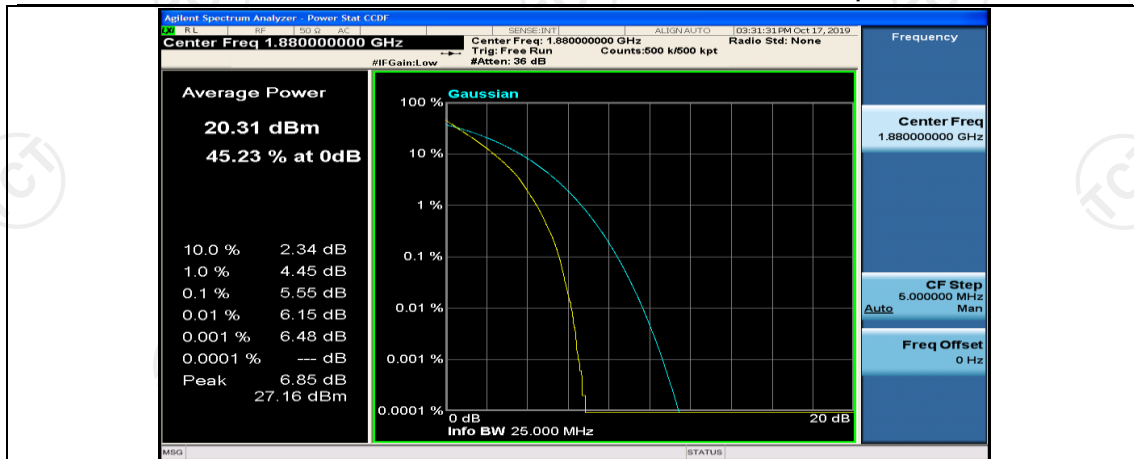


(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49

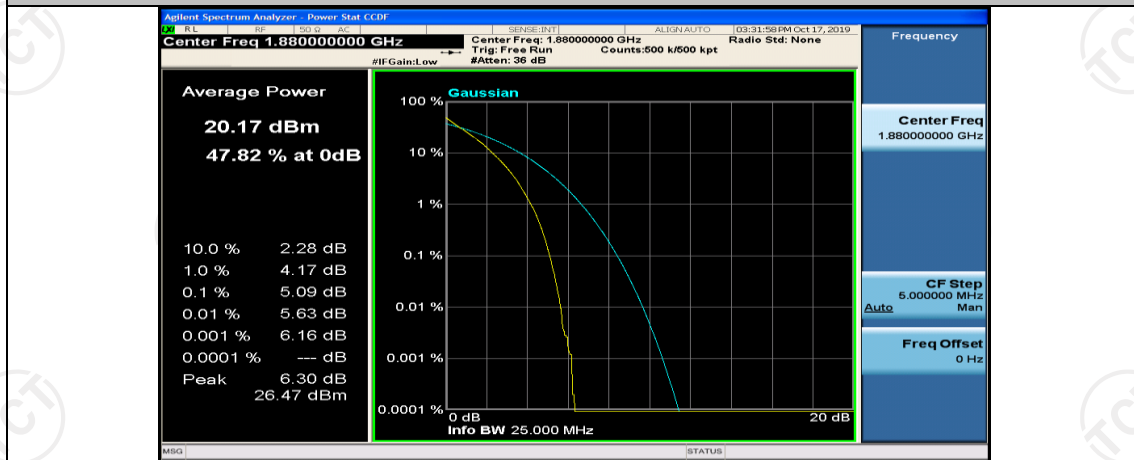


(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#99

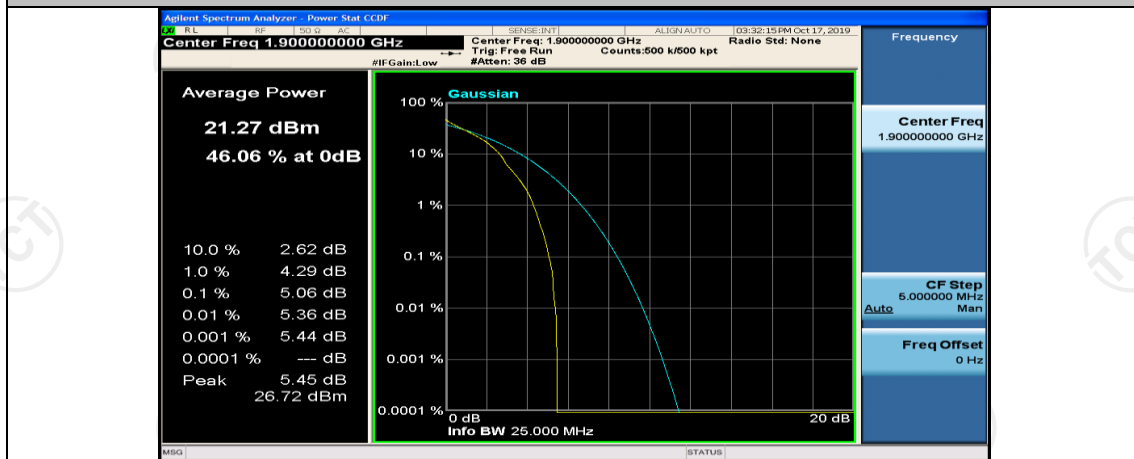




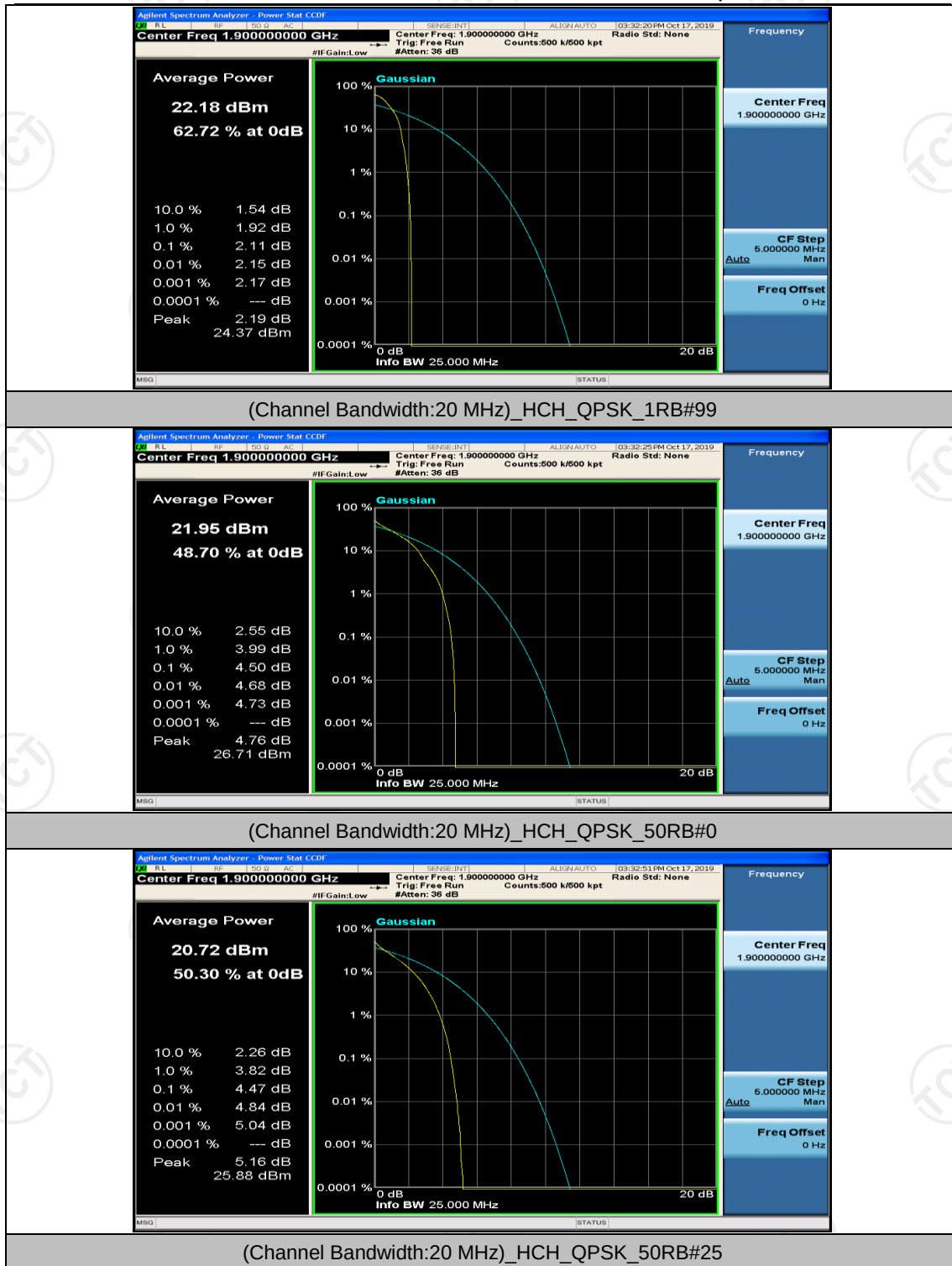
(Channel Bandwidth:20 MHz)_MCH_QPSK_100RB#0

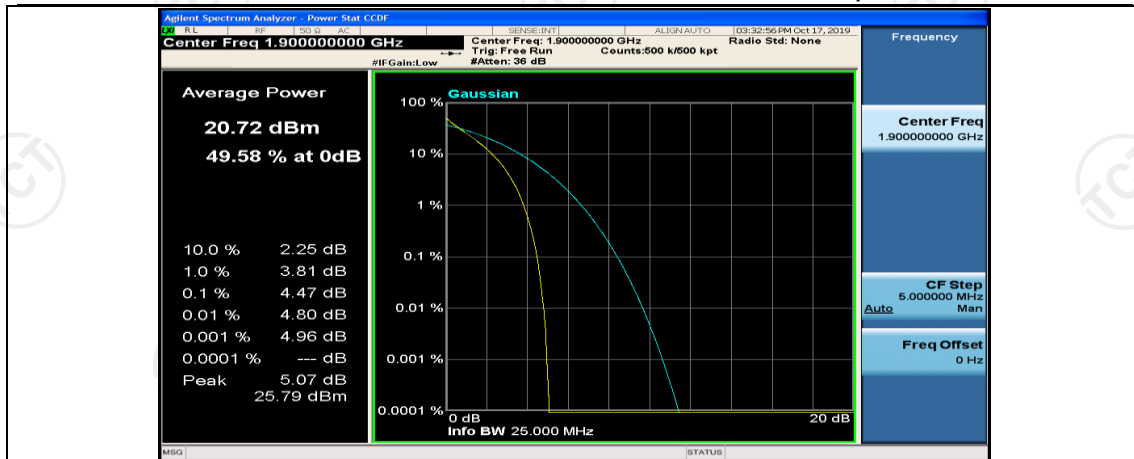


(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0

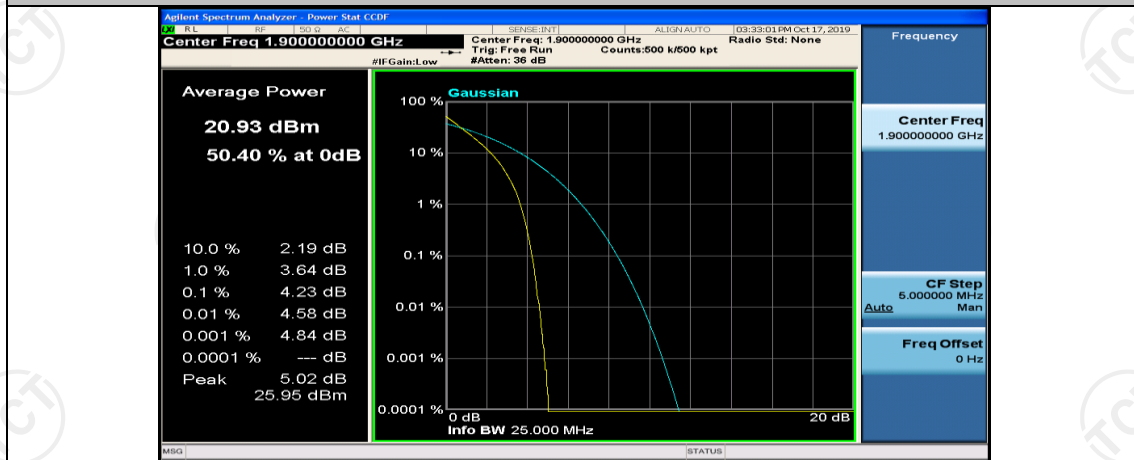


(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49

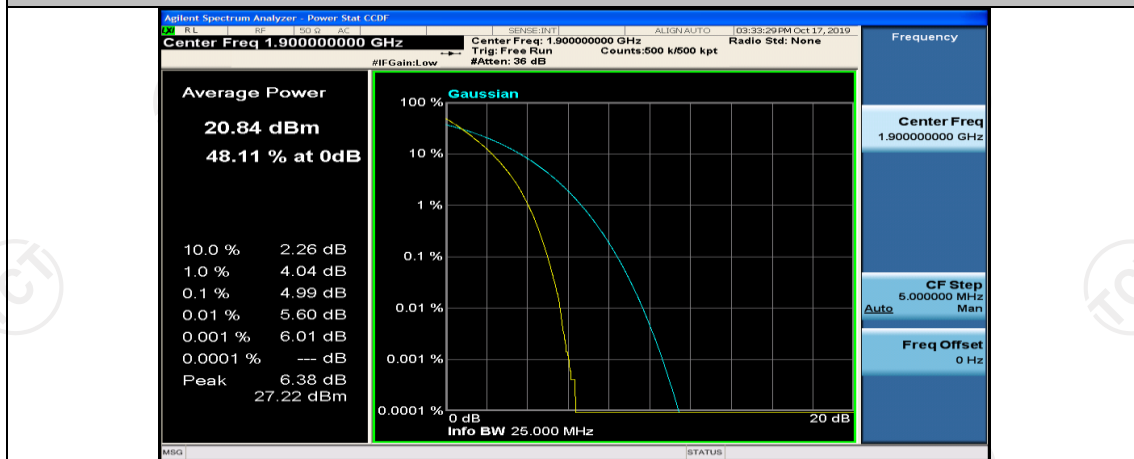




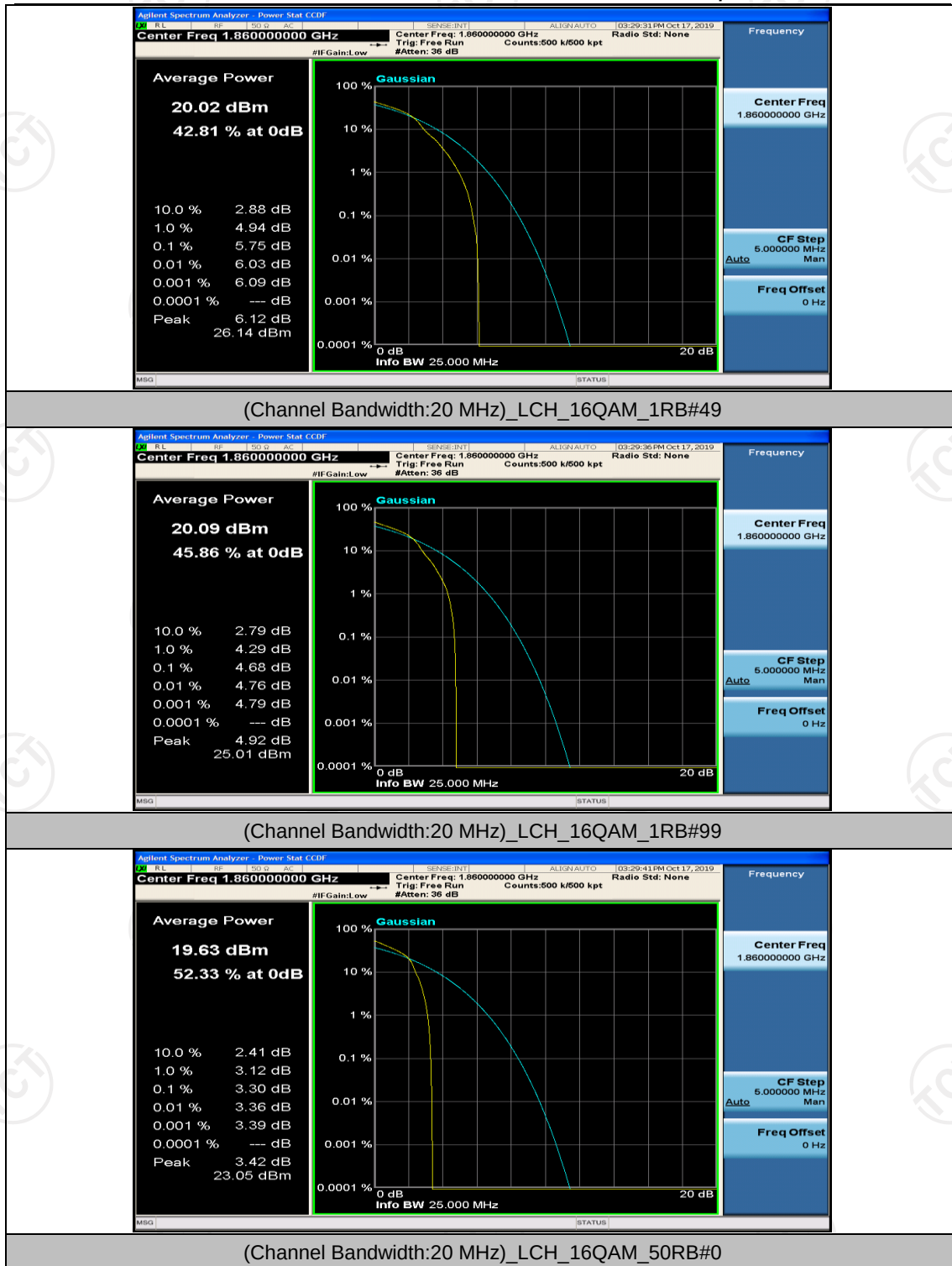
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#50

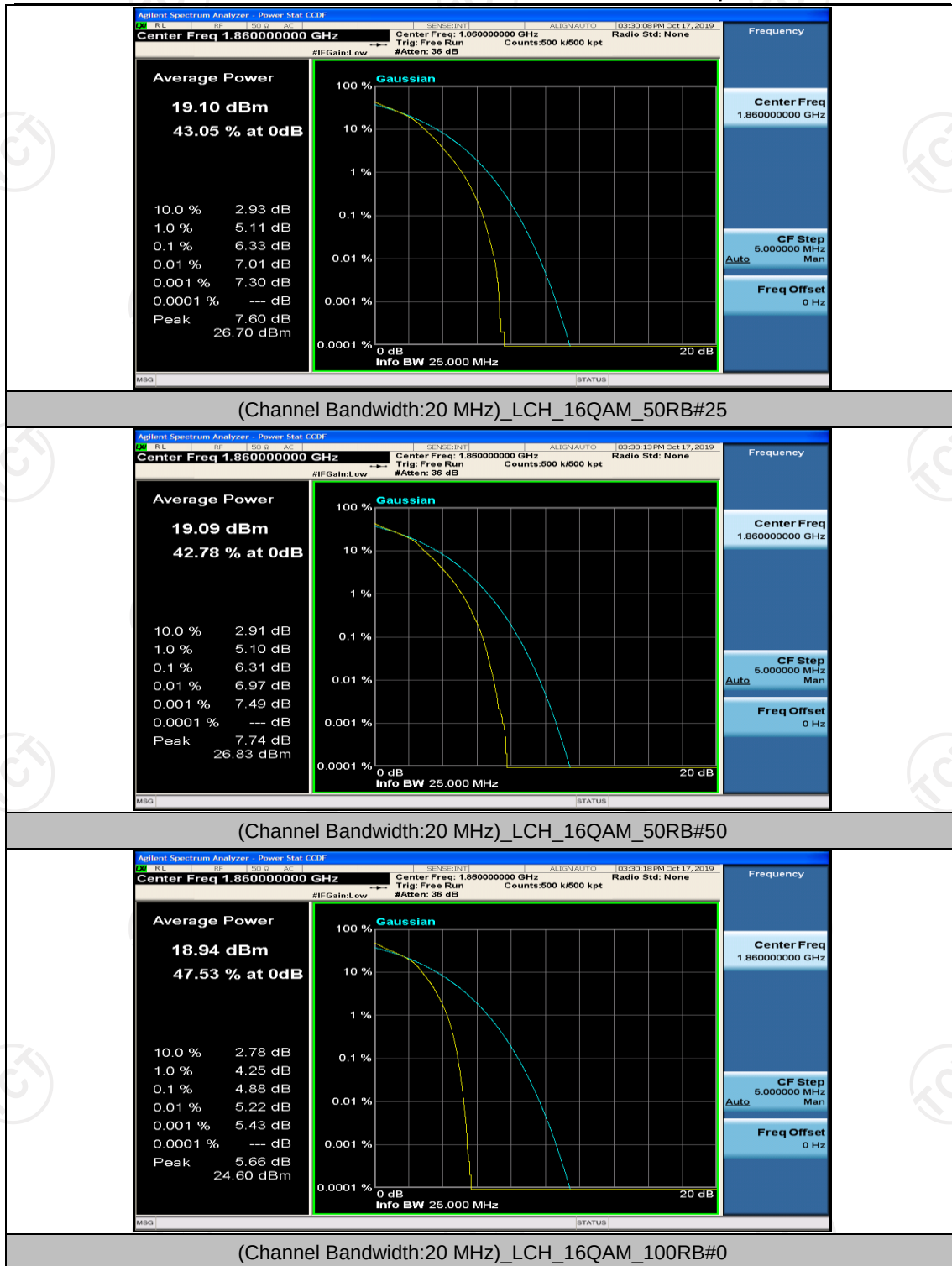


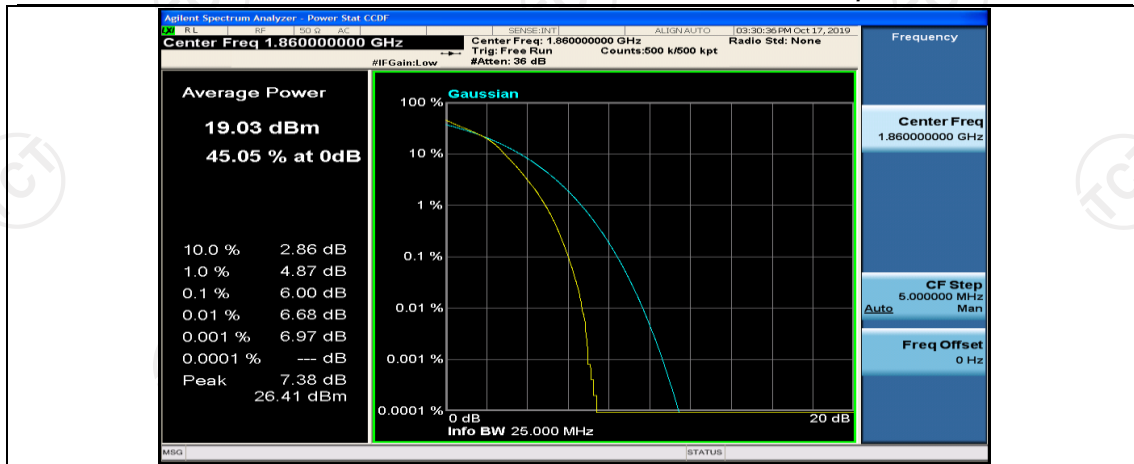
(Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0



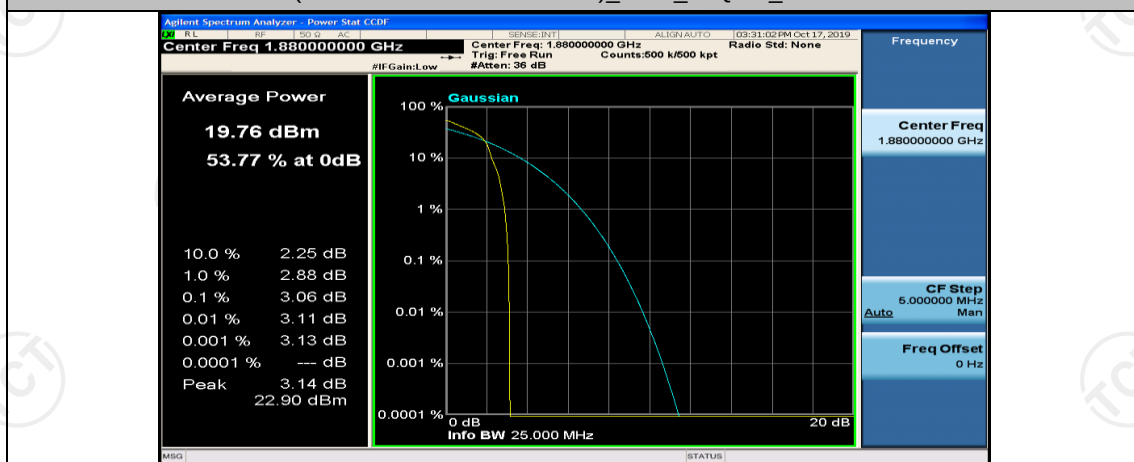
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0



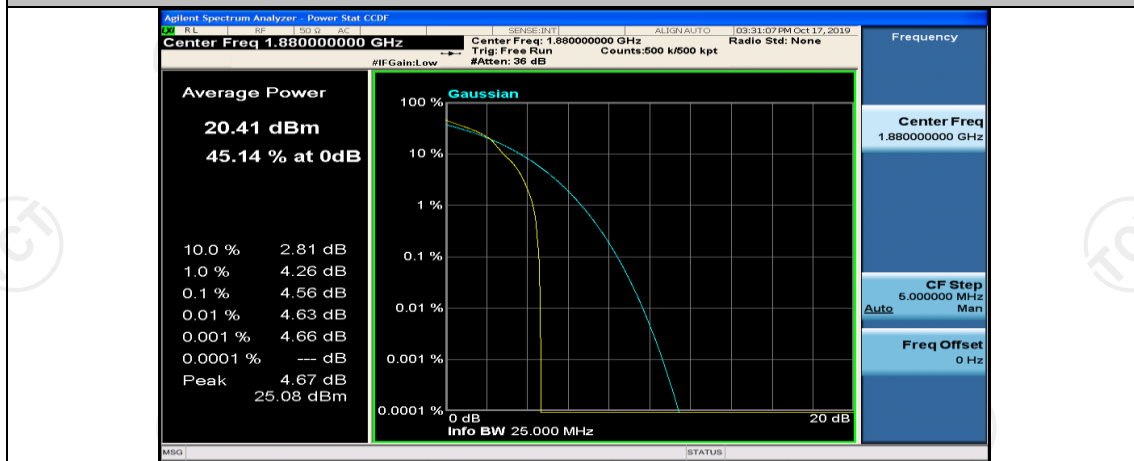




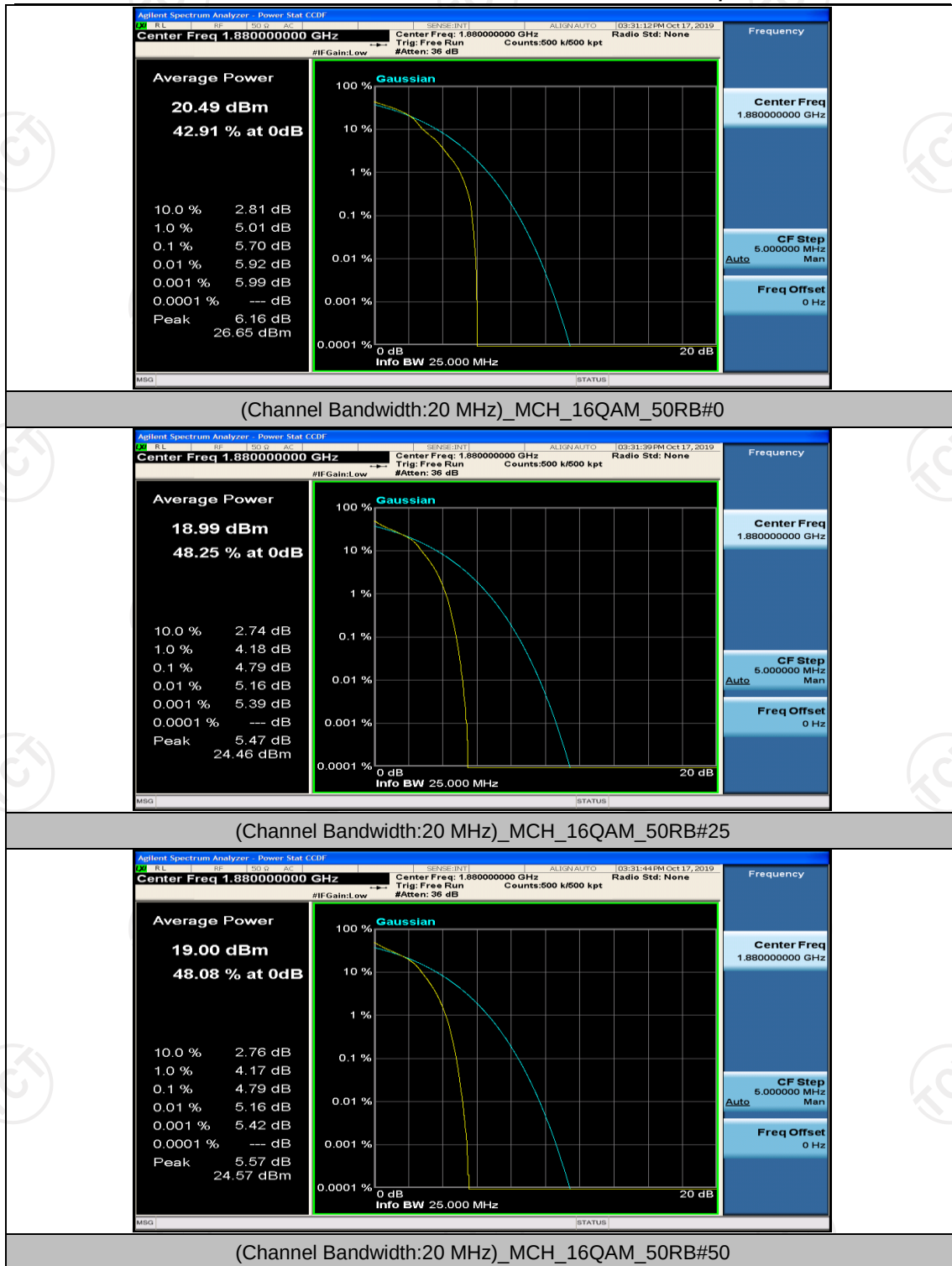
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0

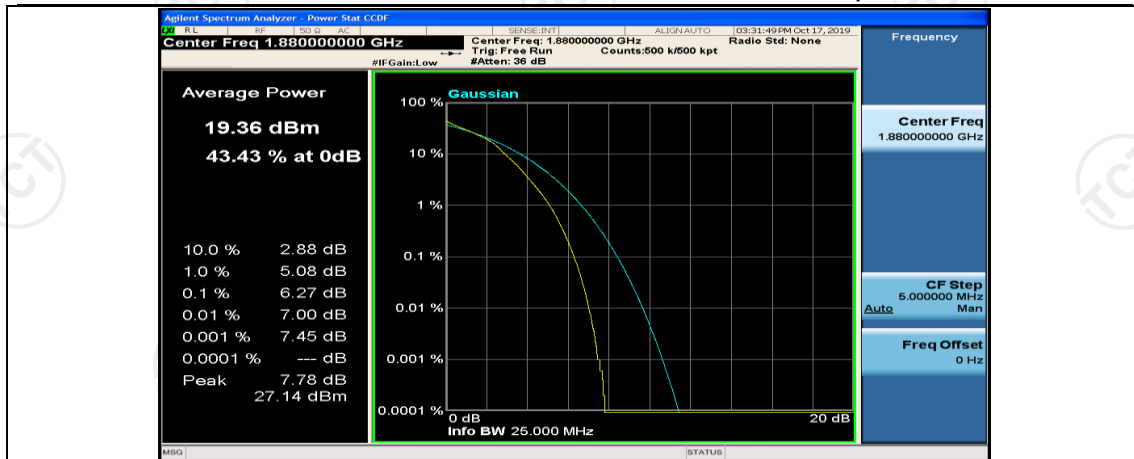


(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49

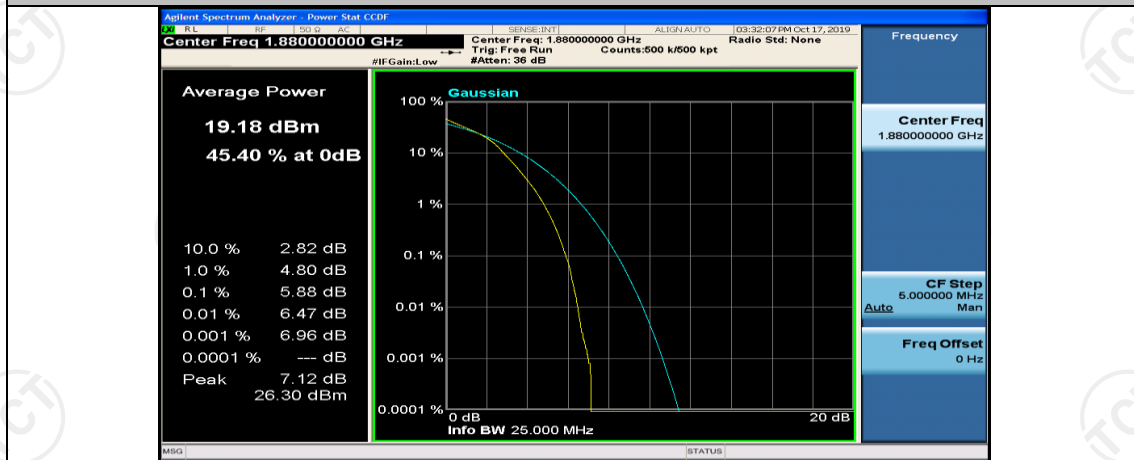


(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#99

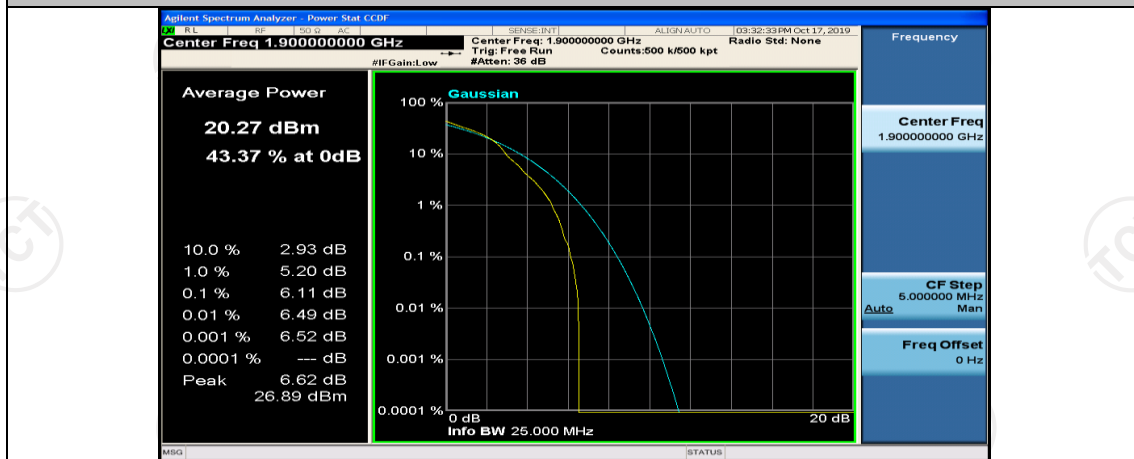




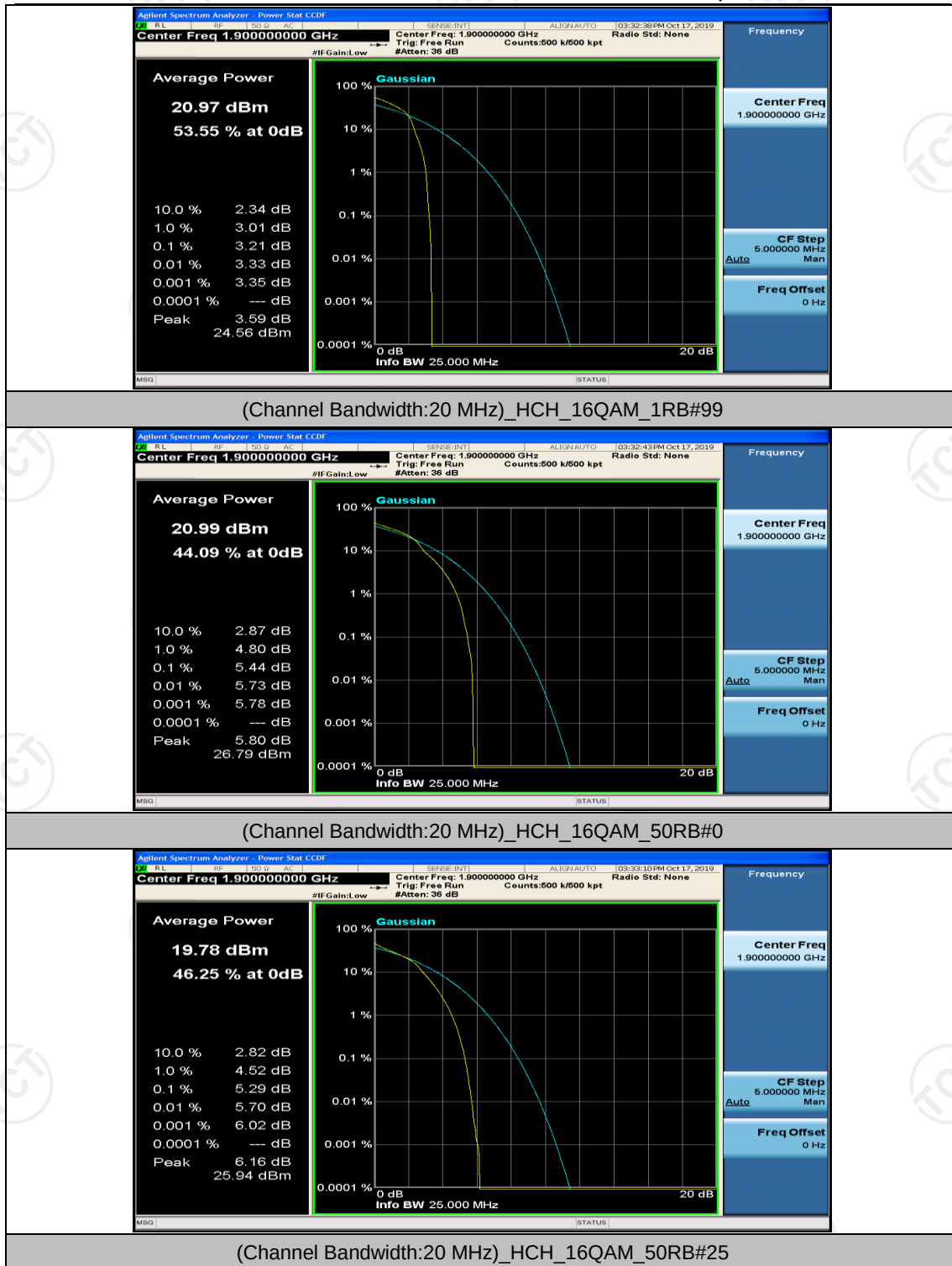
(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0

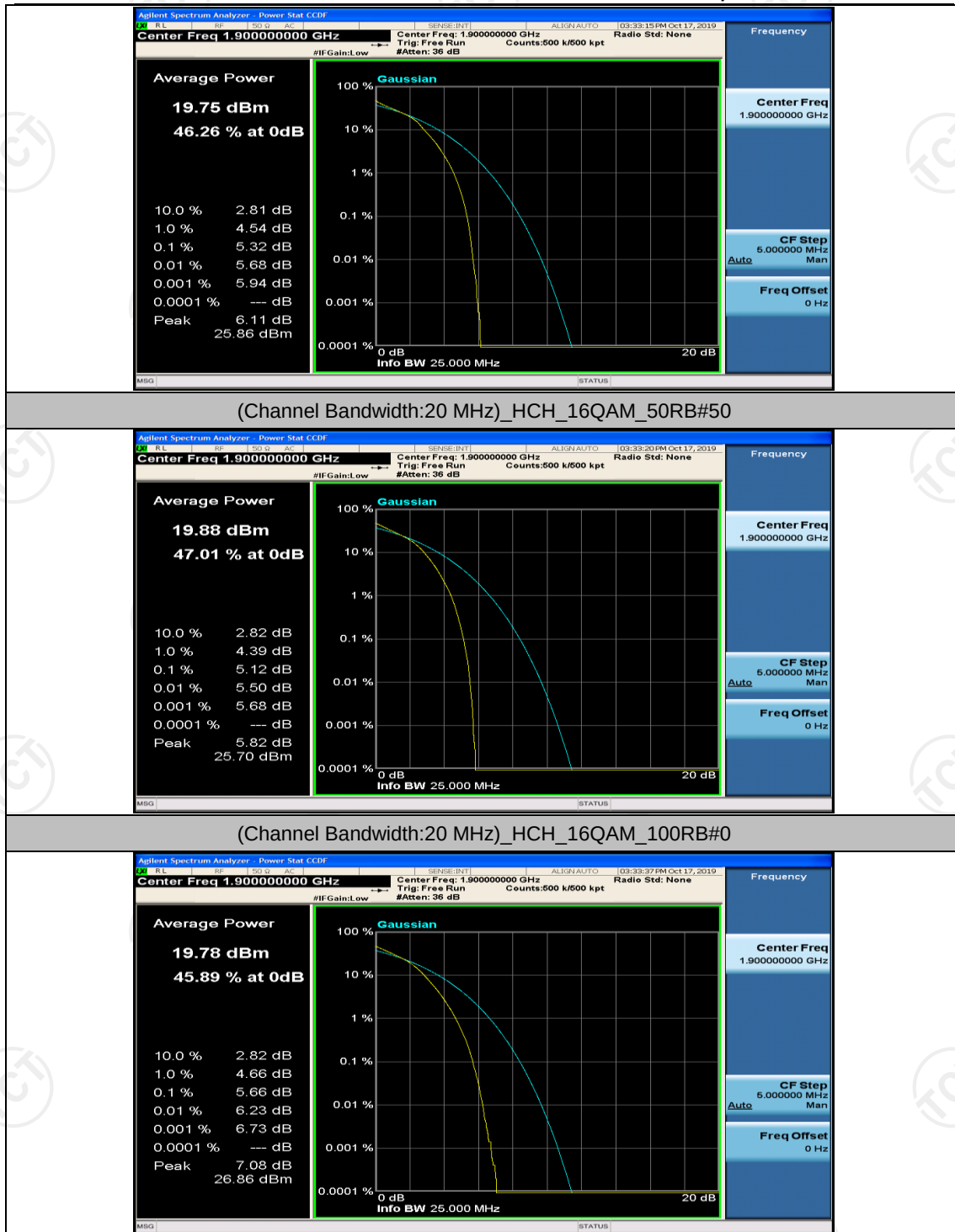


(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0



(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	0.21775	0.3496	PASS
		1	3	0.22648	0.3705	PASS
		1	5	0.22384	0.3703	PASS
		3	0	0.55079	0.7041	PASS
		3	2	0.55234	0.7103	PASS
		3	3	0.54877	0.7116	PASS
		6	0	1.0754	1.214	PASS
	MCH	1	0	0.23741	0.3871	PASS
		1	3	0.22798	0.3405	PASS
		1	5	0.22844	0.3690	PASS
		3	0	0.55397	0.7161	PASS
		3	2	0.55463	0.7285	PASS
		3	3	0.54905	0.7537	PASS
		6	0	1.0777	1.208	PASS
	HCH	1	0	0.22817	0.3648	PASS
		1	3	0.23264	0.3785	PASS
		1	5	0.23311	0.3683	PASS
		3	0	0.55322	0.7545	PASS
		3	2	0.55244	0.7345	PASS
		3	3	0.55123	0.7101	PASS
		6	0	1.0783	1.222	PASS
16QAM	LCH	1	0	0.23055	0.3816	PASS
		1	3	0.23012	0.3400	PASS
		1	5	0.23488	0.3717	PASS
		3	0	0.55093	0.7272	PASS
		3	2	0.55077	0.6971	PASS
		3	3	0.55450	0.7186	PASS
		6	0	1.0774	1.234	PASS
	MCH	1	0	0.23331	0.3702	PASS
		1	3	0.23088	0.3795	PASS

		1	5	0.23435	0.3659	PASS
		3	0	0.55181	0.7201	PASS
		3	2	0.55216	0.7269	PASS
		3	3	0.55484	0.7133	PASS
		6	0	1.0783	1.237	PASS
	HCH	1	0	0.23585	0.3810	PASS
		1	3	0.23074	0.3582	PASS
		1	5	0.22436	0.3606	PASS
		3	0	0.54966	0.6985	PASS
		3	2	0.54990	0.7118	PASS
		3	3	0.55095	0.7323	PASS
		6	0	1.0781	1.246	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	0.25816	0.4062	PASS
		1	7	0.25525	0.4105	PASS
		1	14	0.26299	0.3890	PASS
		8	0	1.4410	1.657	PASS
		8	4	1.4393	1.659	PASS
		8	7	1.4434	1.646	PASS
		15	0	2.6816	2.840	PASS
	MCH	1	0	0.25713	0.4100	PASS
		1	7	0.25690	0.4288	PASS
		1	14	0.26568	0.4113	PASS
		8	0	1.4431	1.650	PASS
		8	4	1.4444	1.651	PASS
		8	7	1.4447	1.659	PASS
		15	0	2.6765	2.829	PASS
	HCH	1	0	0.25384	0.3757	PASS
		1	7	0.26257	0.4163	PASS
		1	14	0.26408	0.4271	PASS
		8	0	1.4409	1.638	PASS
		8	4	1.4450	1.632	PASS
		8	7	1.4419	1.641	PASS
		15	0	2.6831	2.833	PASS

16QAM	LCH	1	0	0.26493	0.3963	PASS
		1	7	0.26642	0.4277	PASS
		1	14	0.26632	0.3850	PASS
		8	0	1.4465	1.651	PASS
		8	4	1.4484	1.624	PASS
		8	7	1.4508	1.637	PASS
		15	0	2.6756	2.812	PASS
	MCH	1	0	0.27512	0.4330	PASS
		1	7	0.26578	0.3905	PASS
		1	14	0.26899	0.4270	PASS
		8	0	1.4472	1.655	PASS
		8	4	1.4478	1.622	PASS
		8	7	1.4446	1.615	PASS
		15	0	2.6762	2.831	PASS
	HCH	1	0	0.26387	0.4243	PASS
		1	7	0.26926	0.4480	PASS
		1	14	0.26302	0.4191	PASS
		8	0	1.4459	1.613	PASS
		8	4	1.4438	1.609	PASS
		8	7	1.4476	1.592	PASS
		15	0	2.6787	2.816	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	0.32723	0.5520	PASS
		1	12	0.35277	0.5803	PASS
		1	24	0.35579	0.5678	PASS
		12	0	2.1841	2.623	PASS
		12	6	2.1813	2.640	PASS
		12	13	2.1805	2.614	PASS
		25	0	4.4762	4.919	PASS
	MCH	1	0	0.36427	0.5918	PASS
		1	12	0.34981	0.6103	PASS
		1	24	0.35244	0.5594	PASS
		12	0	2.1796	2.663	PASS
		12	6	2.1827	2.631	PASS

		12	13	2.1778	2.569	PASS
		25	0	4.4710	4.862	PASS
	HCH	1	0	0.36076	0.5871	PASS
		1	12	0.35257	0.5947	PASS
		1	24	0.34394	0.6048	PASS
		12	0	2.1806	2.576	PASS
		12	6	2.1753	2.585	PASS
		12	13	2.1762	2.565	PASS
		25	0	4.4720	4.813	PASS
16QAM	LCH	1	0	0.34856	0.5438	PASS
		1	12	0.37696	0.5541	PASS
		1	24	0.35287	0.5591	PASS
		12	0	2.1770	2.575	PASS
		12	6	2.1754	2.605	PASS
		12	13	2.1764	2.583	PASS
		25	0	4.4802	5.046	PASS
	MCH	1	0	0.37068	0.5866	PASS
		1	12	0.37920	0.5293	PASS
		1	24	0.36540	0.5578	PASS
		12	0	2.1754	2.646	PASS
		12	6	2.1787	2.512	PASS
		12	13	2.1839	2.665	PASS
		25	0	4.4710	4.872	PASS
	HCH	1	0	0.34598	0.5334	PASS
		1	12	0.36161	0.5747	PASS
		1	24	0.33825	0.5410	PASS
		12	0	2.1728	2.491	PASS
		12	6	2.1712	2.523	PASS
		12	13	2.1698	2.523	PASS
		25	0	4.4721	4.870	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	0.42777	0.6823	PASS
		1	25	0.44413	0.6536	PASS
		1	49	0.43012	0.6742	PASS
		25	0	4.5261	4.984	PASS
		25	12	4.5211	5.008	PASS

		25	25	4.5106	5.073	PASS
		50	0	8.9563	9.547	PASS
	MCH	1	0	0.45953	0.7133	PASS
		1	25	0.44162	0.6646	PASS
		1	49	0.43557	0.6932	PASS
		25	0	4.5126	5.113	PASS
		25	12	4.5205	5.117	PASS
		25	25	4.5036	5.080	PASS
		50	0	8.9434	9.554	PASS
		1	0	0.47181	0.6937	PASS
	HCH	1	25	0.48379	0.7254	PASS
		1	49	0.44823	0.6684	PASS
		25	0	4.5270	5.388	PASS
		25	12	4.5294	5.428	PASS
		25	25	4.5073	5.095	PASS
		50	0	8.9419	9.482	PASS
16QAM	LCH	1	0	0.43104	0.7188	PASS
		1	25	0.44820	0.6730	PASS
		1	49	0.46316	0.7505	PASS
		25	0	4.5165	4.997	PASS
		25	12	4.5107	4.994	PASS
		25	25	4.5048	4.987	PASS
		50	0	8.9420	9.566	PASS
	MCH	1	0	0.44718	0.6634	PASS
		1	25	0.47349	0.7267	PASS
		1	49	0.45677	0.7378	PASS
		25	0	4.5093	5.118	PASS
		25	12	4.5089	5.097	PASS
		25	25	4.5090	5.066	PASS
		50	0	8.9267	9.468	PASS
	HCH	1	0	0.47239	0.7243	PASS
		1	25	0.45553	0.7494	PASS
		1	49	0.47817	0.7156	PASS
		25	0	4.5125	5.176	PASS
		25	12	4.5145	5.146	PASS
		25	25	4.4983	5.060	PASS
		50	0	8.9419	9.487	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	0.53287	0.7871	PASS
		1	37	0.55177	0.8088	PASS
		1	74	0.54374	0.7670	PASS
		37	0	13.421	14.31	PASS
		37	18	13.436	14.17	PASS
		37	38	13.411	14.18	PASS
		75	0	13.415	14.23	PASS
	MCH	1	0	0.55093	0.7790	PASS
		1	37	0.55656	0.8444	PASS
		1	74	0.52971	0.7994	PASS
		37	0	13.392	14.27	PASS
		37	18	13.414	14.24	PASS
		37	38	13.406	14.27	PASS
		75	0	13.405	14.19	PASS
	HCH	1	0	0.54579	0.8033	PASS
		1	37	0.56657	0.8753	PASS
		1	74	0.53552	0.7837	PASS
		37	0	13.415	18.11	PASS
		37	18	13.424	18.19	PASS
		37	38	13.420	18.02	PASS
		75	0	13.431	17.91	PASS
16QAM	LCH	1	0	0.52221	0.8149	PASS
		1	37	0.53860	0.7858	PASS
		1	74	0.53864	0.8004	PASS
		37	0	13.423	14.16	PASS
		37	18	13.414	14.21	PASS
		37	38	13.417	14.33	PASS
		75	0	13.407	14.17	PASS
	MCH	1	0	0.56018	0.8230	PASS
		1	37	0.55636	0.8389	PASS
		1	74	0.53269	0.7938	PASS
		37	0	13.409	14.16	PASS
		37	18	13.411	14.18	PASS
		37	38	13.417	14.30	PASS
		75	0	13.402	14.14	PASS
	HCH	1	0	0.52218	0.7934	PASS
		1	37	0.54926	0.8276	PASS
		1	74	0.52175	0.7696	PASS
		37	0	13.420	17.84	PASS

		37	18	13.419	17.95	PASS
		37	38	13.423	17.88	PASS
		75	0	13.406	14.38	PASS

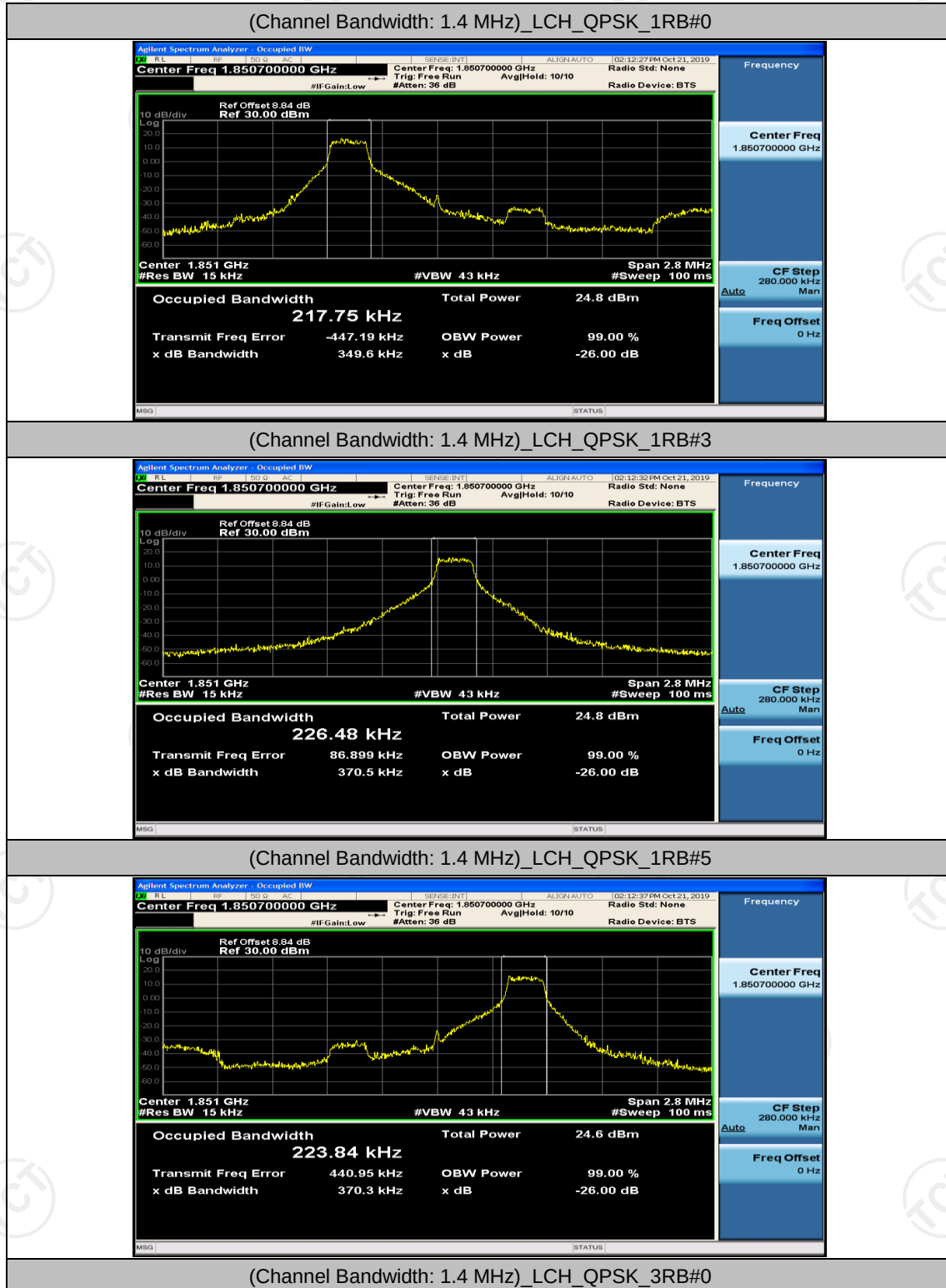
Channel Bandwidth: 20 MHz

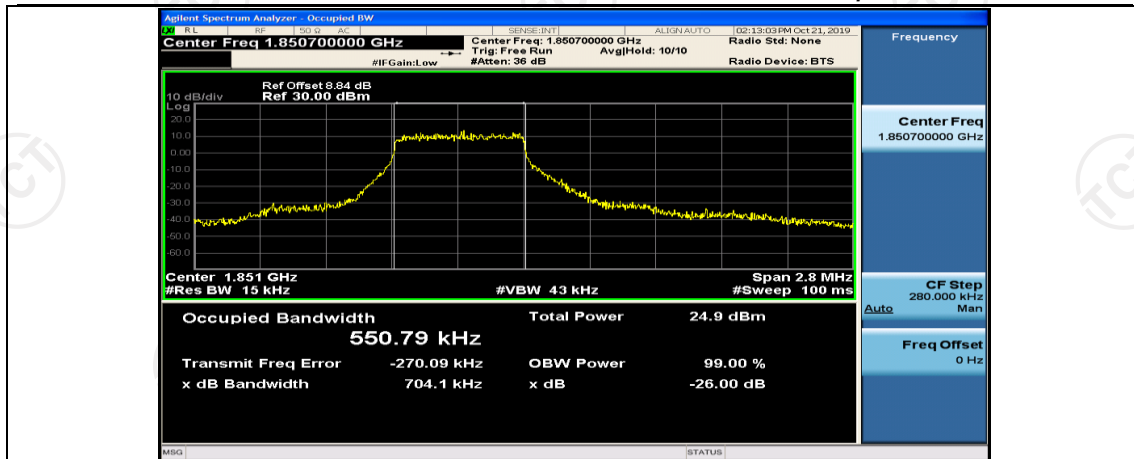
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.59634	0.8943	PASS
		1	50	0.60290	0.8770	PASS
		1	99	0.62646	0.9770	PASS
		50	0	8.9923	9.664	PASS
		50	25	8.9883	9.669	PASS
		50	50	9.0115	10.14	PASS
		100	0	17.902	18.68	PASS
	MCH	1	0	0.63645	0.9012	PASS
		1	50	0.61032	0.8800	PASS
		1	99	0.61505	0.9072	PASS
		50	0	9.0055	9.921	PASS
		50	25	9.0065	9.924	PASS
		50	50	8.9873	9.721	PASS
		100	0	17.882	18.66	PASS
	HCH	1	0	0.59055	0.8927	PASS
		1	50	0.62953	0.9351	PASS
		1	99	0.61182	0.9261	PASS
		50	0	9.0163	9.825	PASS
		50	25	9.0013	9.876	PASS
		50	50	9.0045	9.767	PASS
		100	0	17.846	18.78	PASS
16QAM	LCH	1	0	0.60476	0.8556	PASS
		1	50	0.62893	0.9435	PASS
		1	99	0.63578	0.9119	PASS
		50	0	9.0090	9.862	PASS
		50	25	9.0220	9.753	PASS
		50	50	9.0122	9.782	PASS
		100	0	17.877	18.73	PASS
	MCH	1	0	0.63658	0.9501	PASS
		1	50	0.61643	0.9066	PASS
		1	99	0.62476	0.8956	PASS

		50	0	8.9994	9.748	PASS
		50	25	9.0164	9.781	PASS
		50	50	8.9958	9.762	PASS
		100	0	17.855	18.64	PASS
	HCH	1	0	0.61059	1.001	PASS
		1	50	0.60764	0.8642	PASS
		1	99	0.61712	0.8673	PASS
		50	0	9.0026	9.688	PASS
		50	25	9.0045	9.829	PASS
		50	50	8.9739	9.758	PASS
		100	0	17.874	18.78	PASS

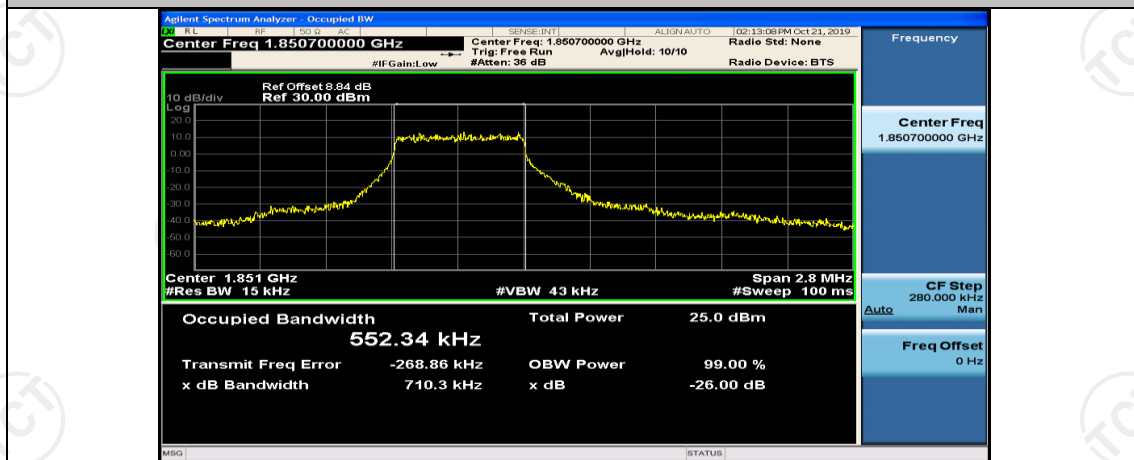
Test Graphs

Channel Bandwidth: 1.4 MHz

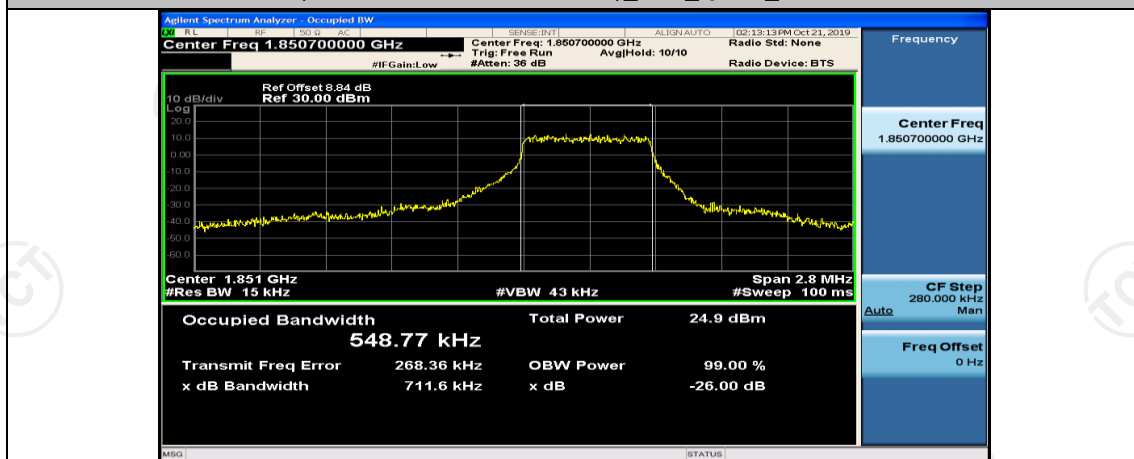




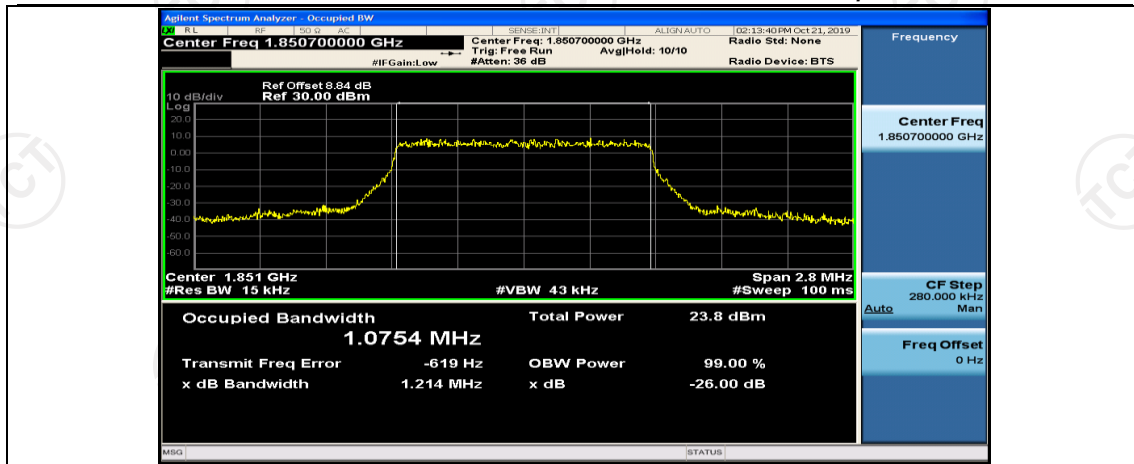
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2



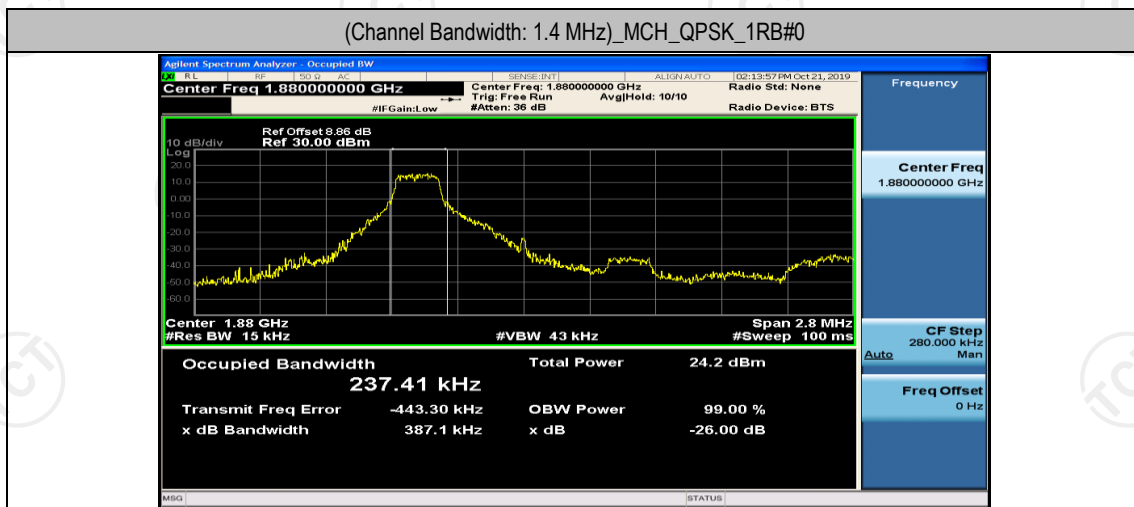
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#3



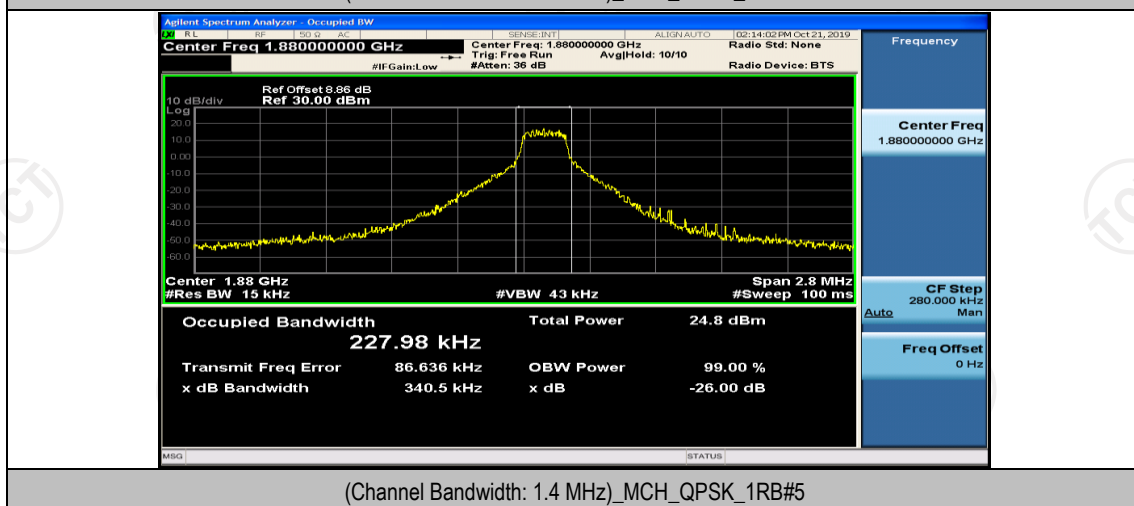
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



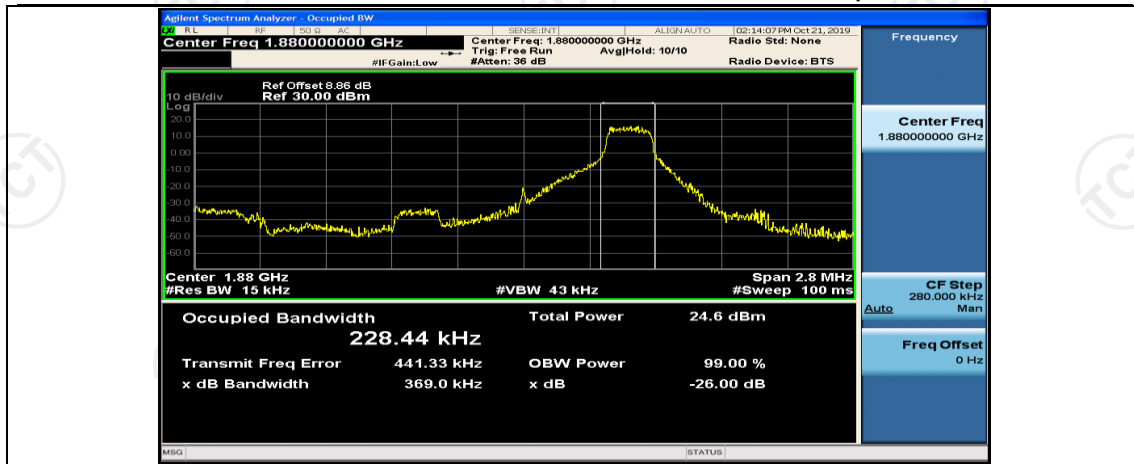
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



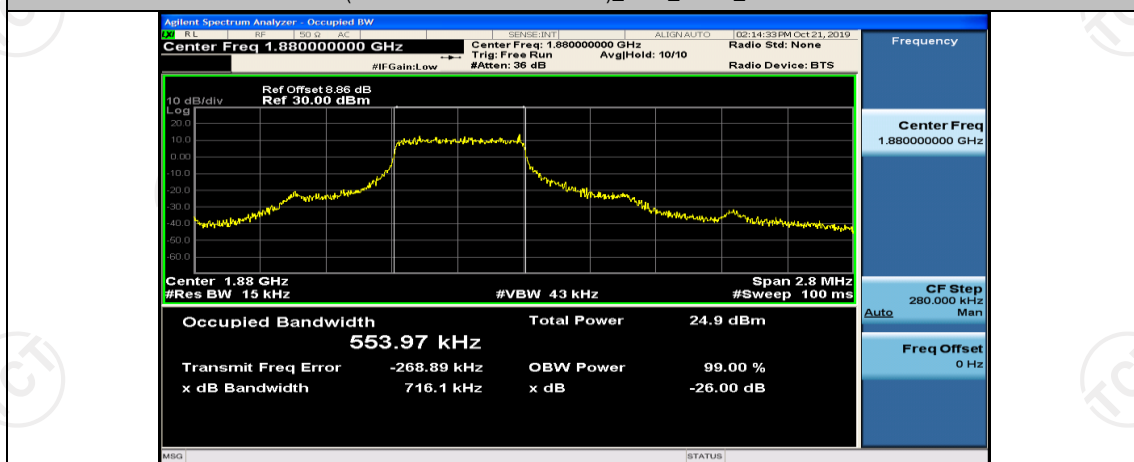
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



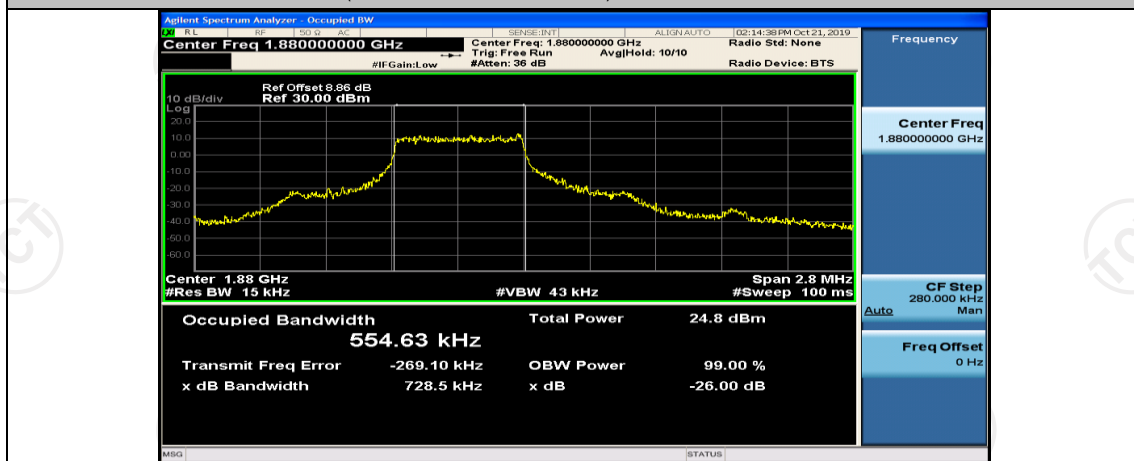
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5



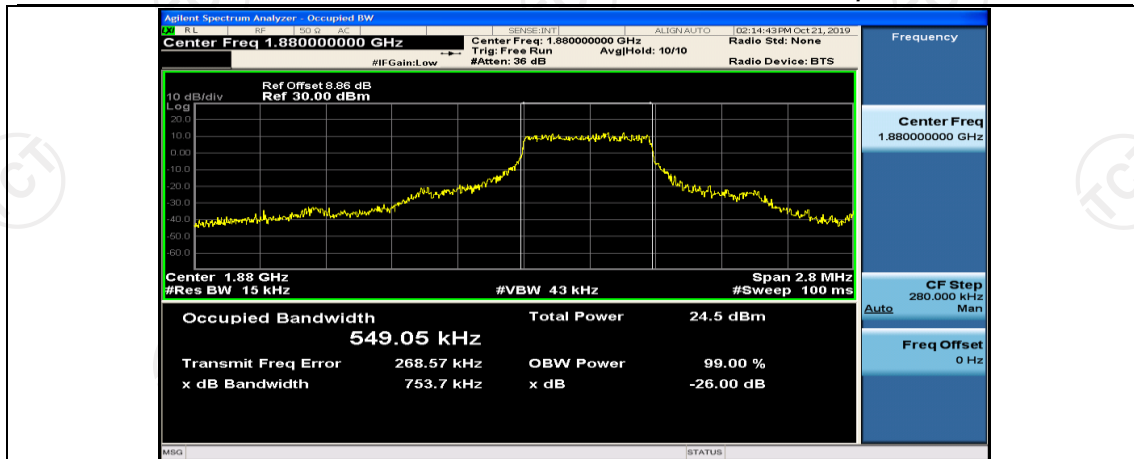
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#0



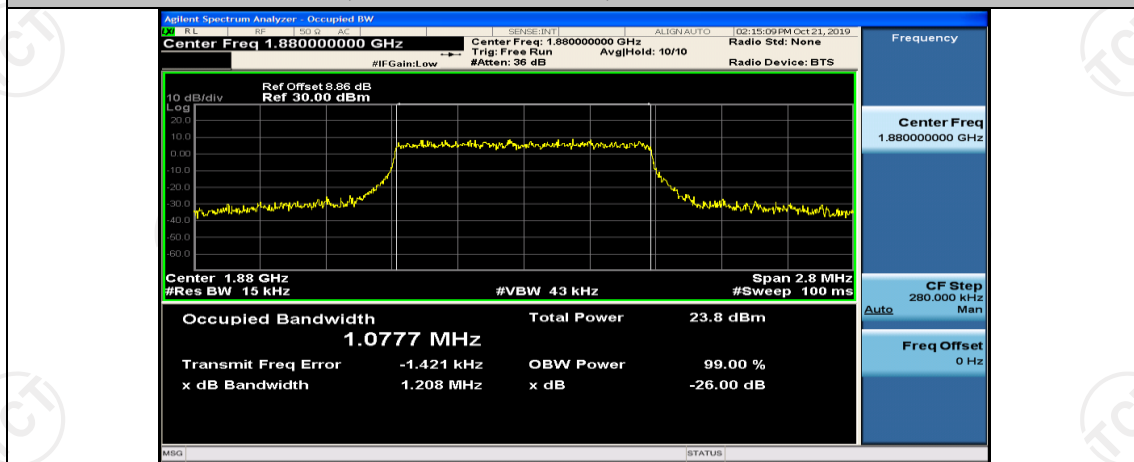
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#2



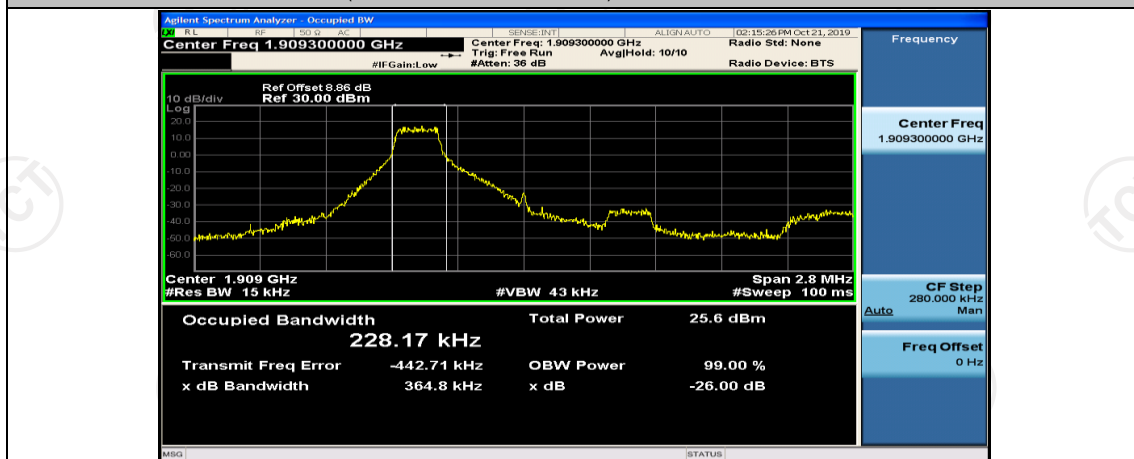
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#3



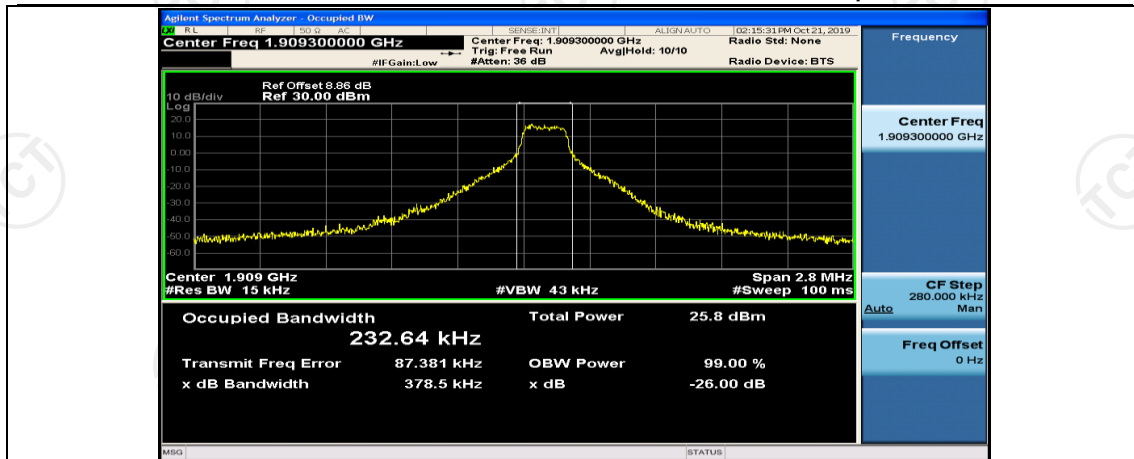
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



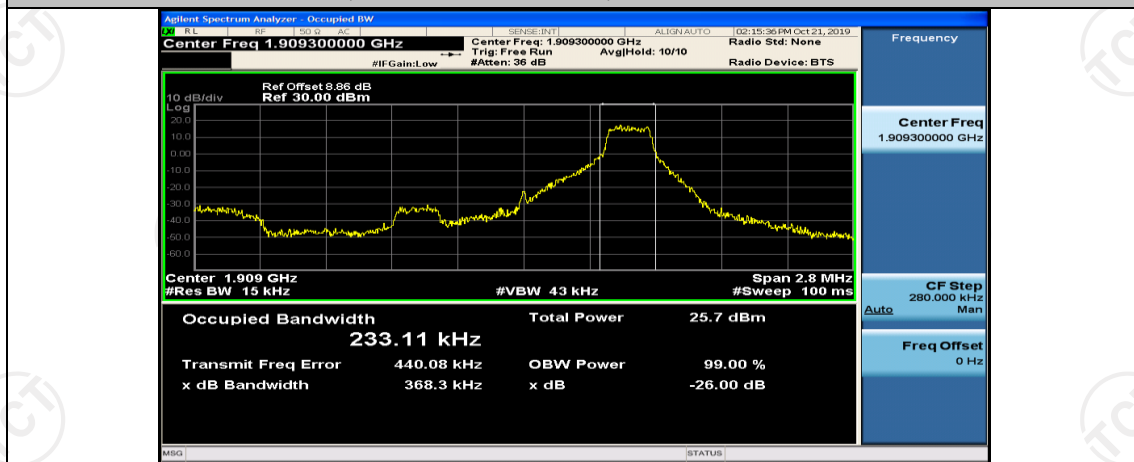
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



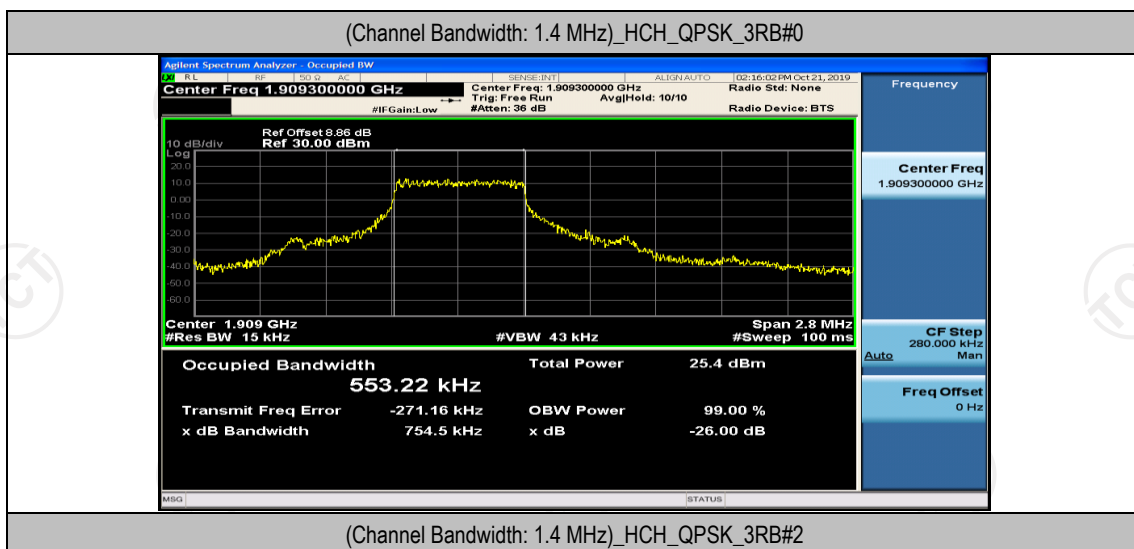
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3



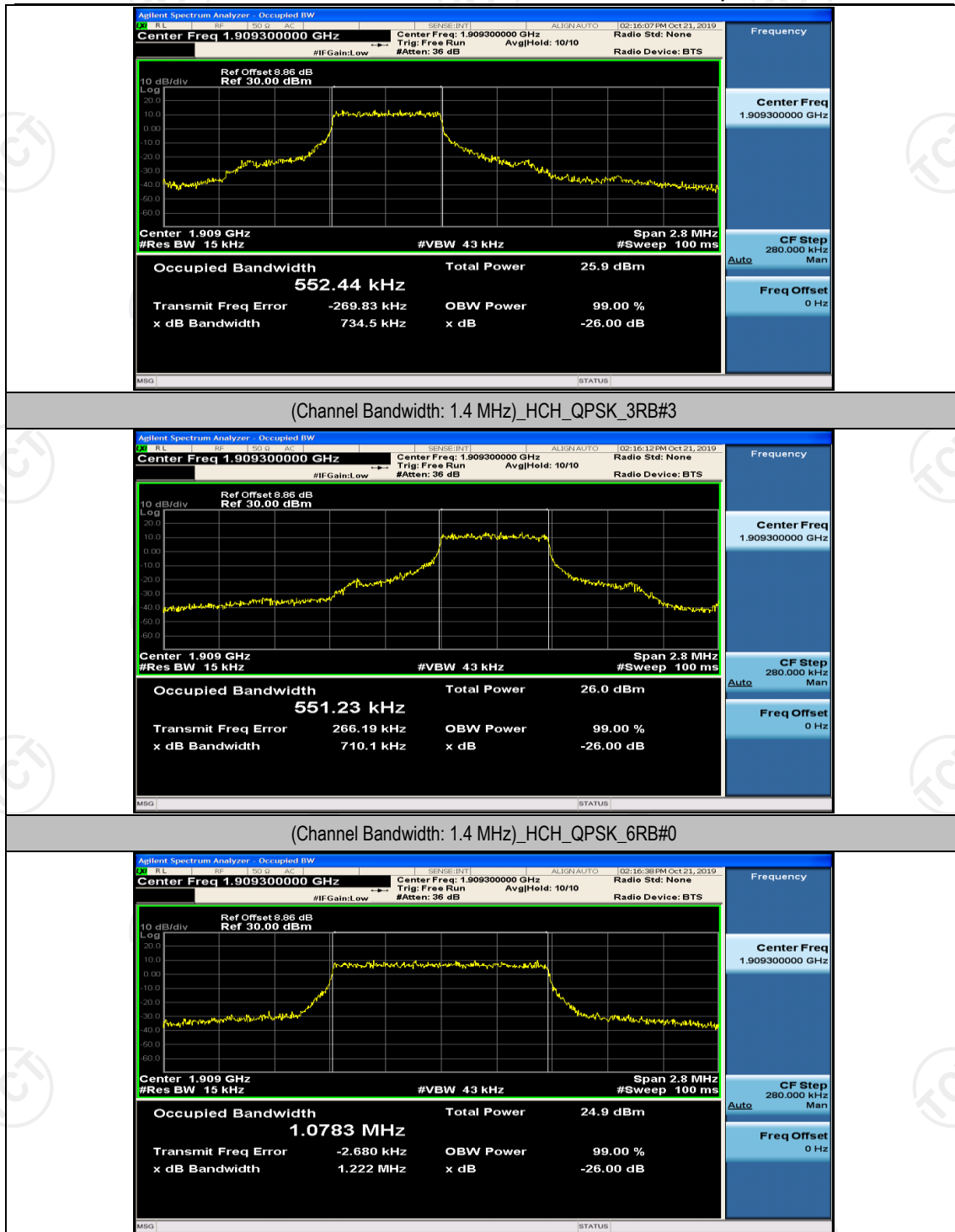
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



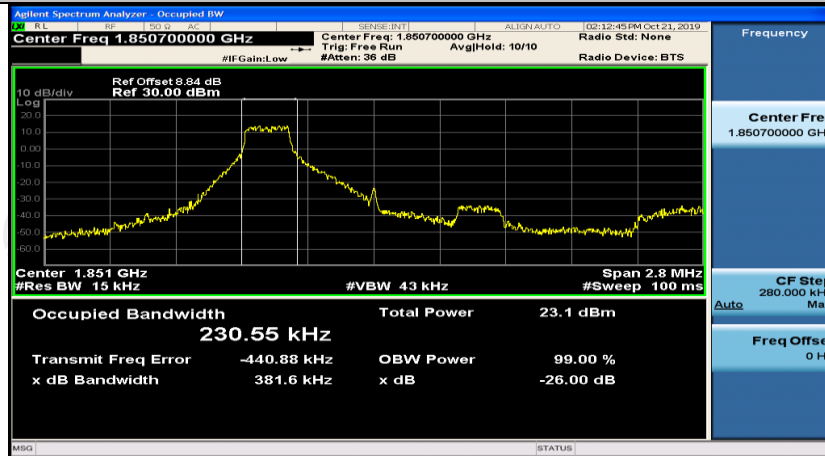
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0



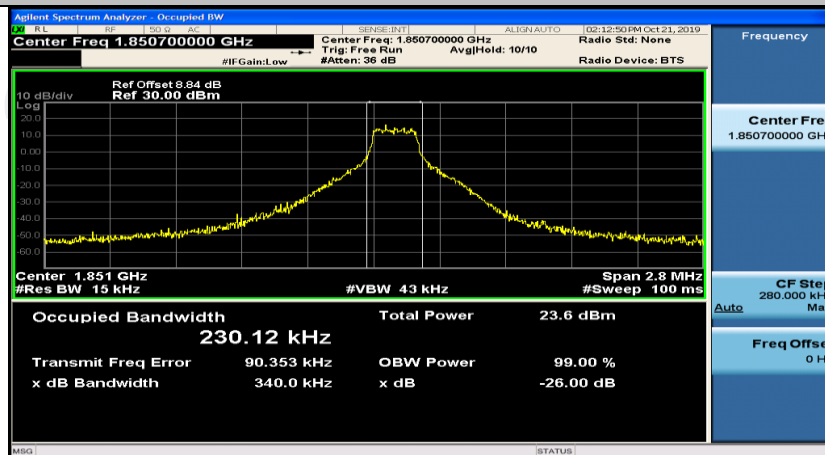
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2



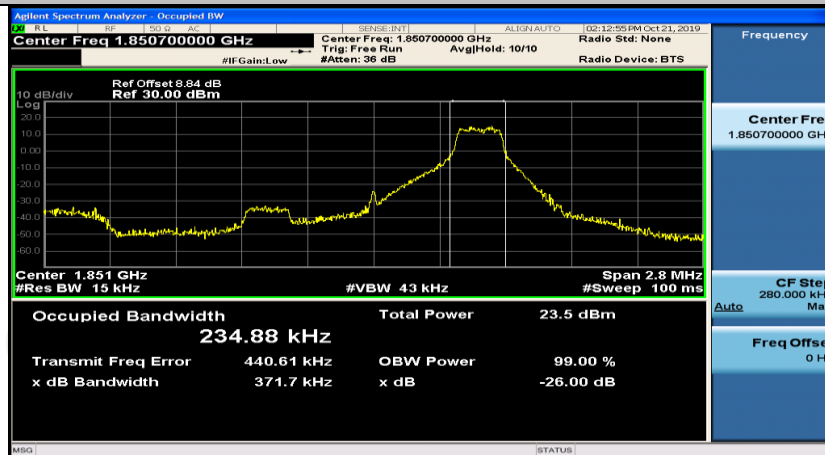
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



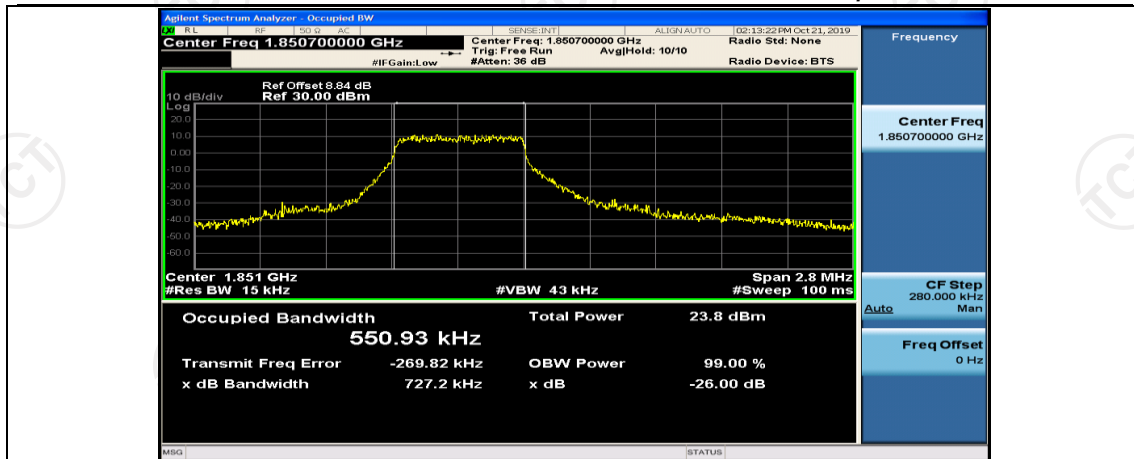
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



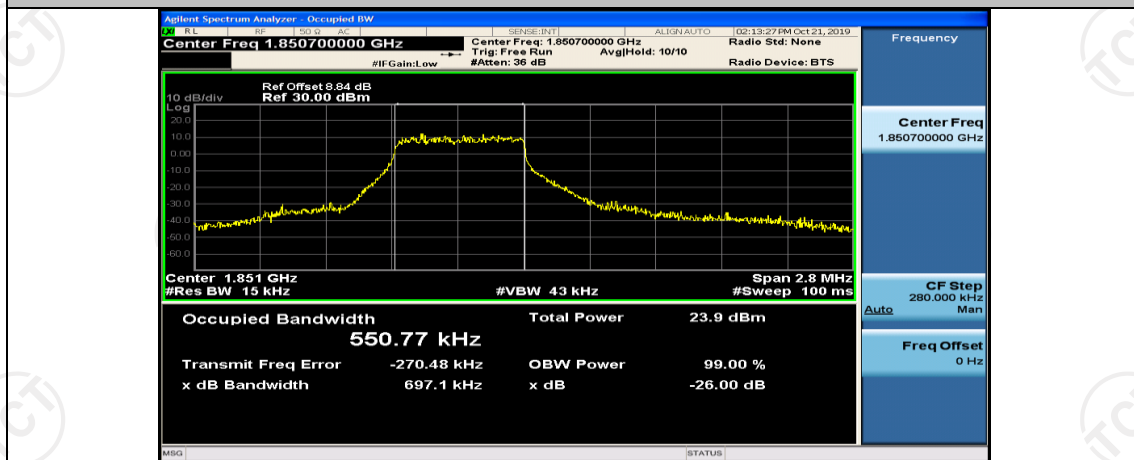
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5



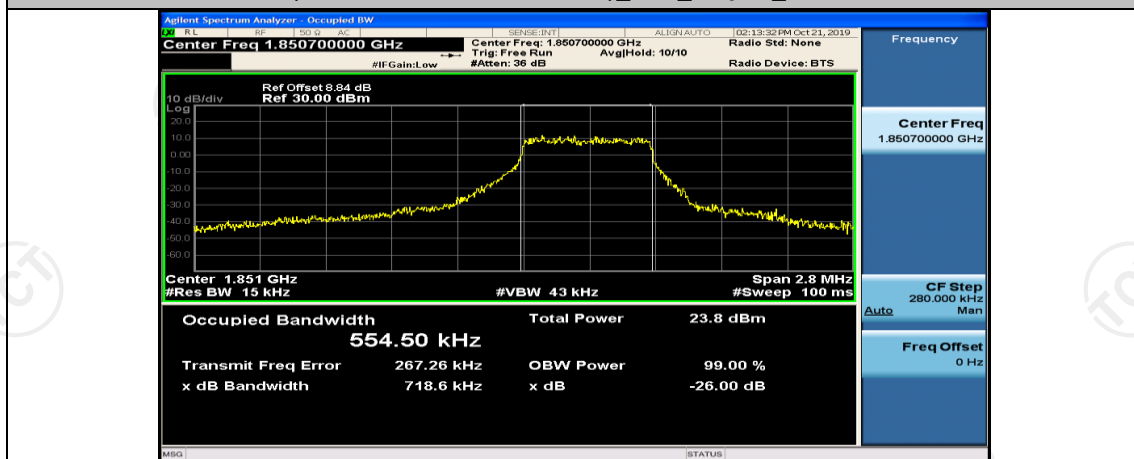
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0



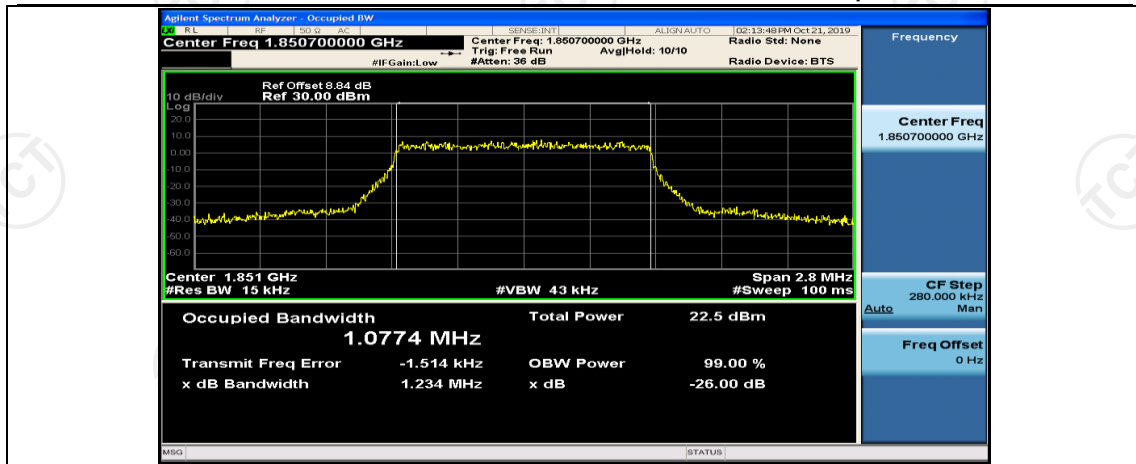
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#2



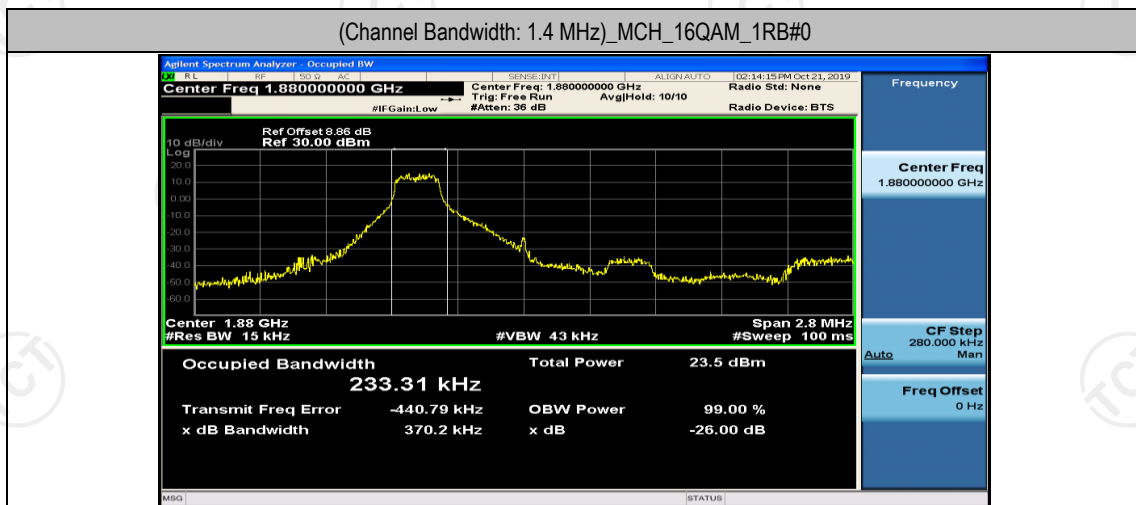
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3



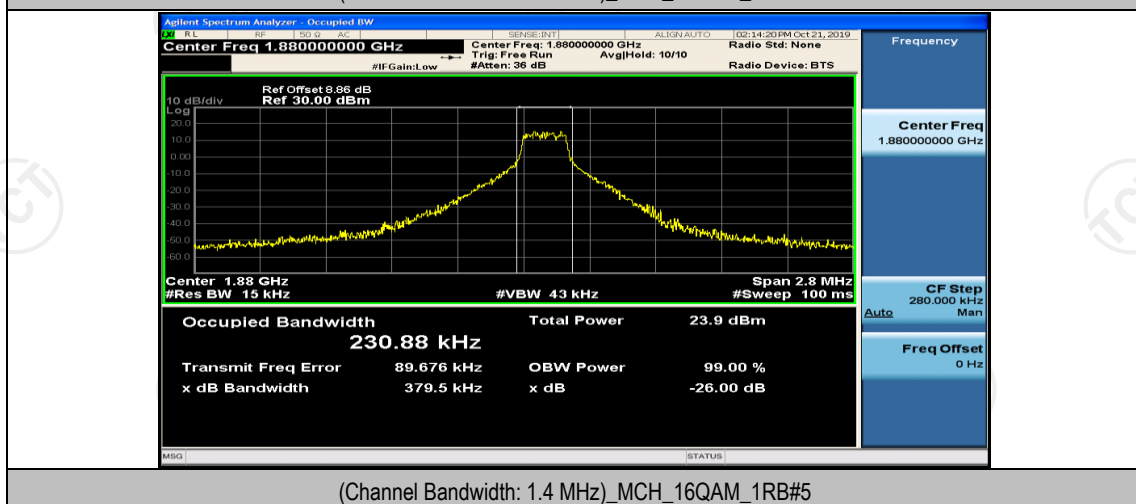
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



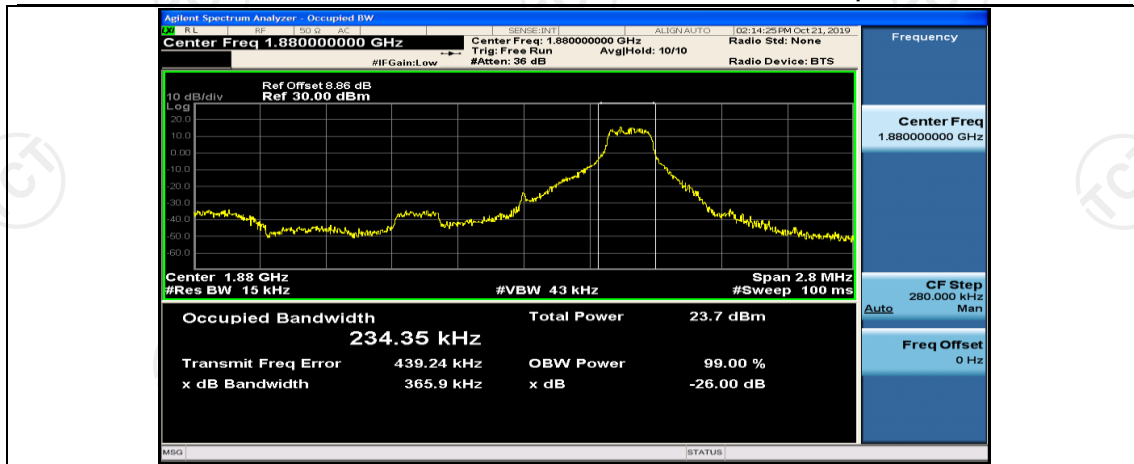
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0



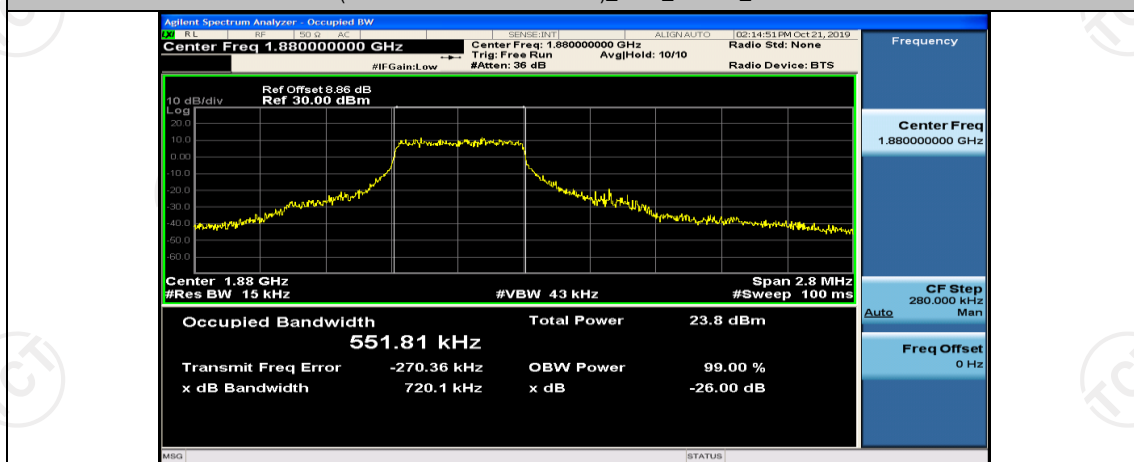
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3



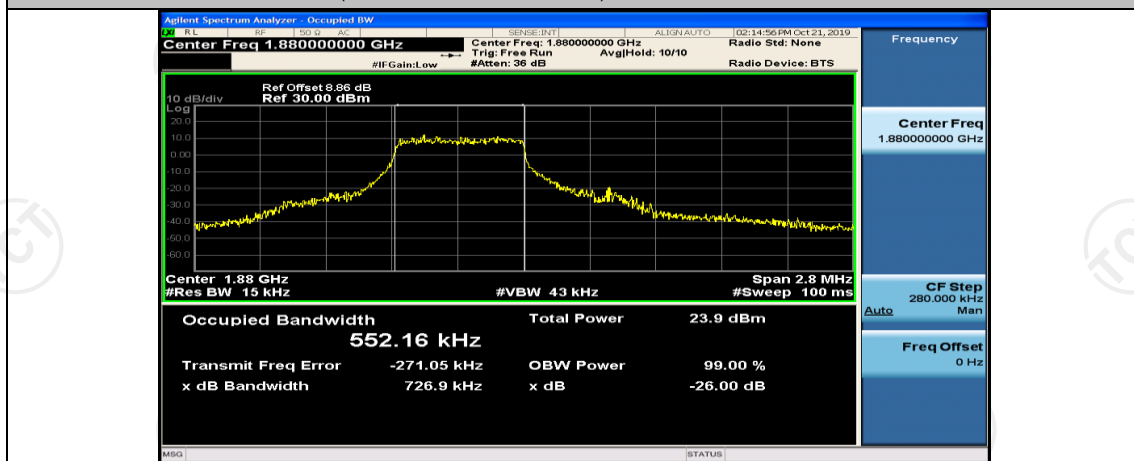
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5



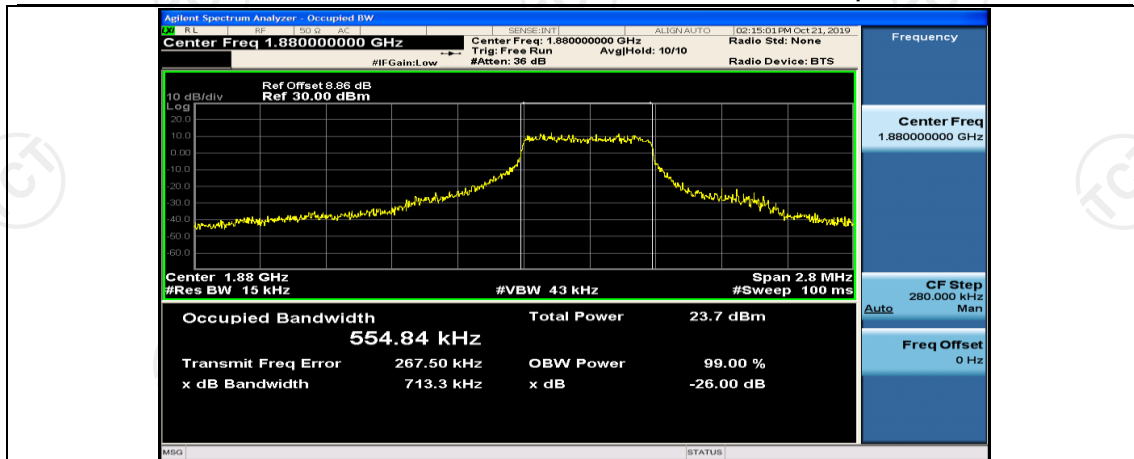
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#0



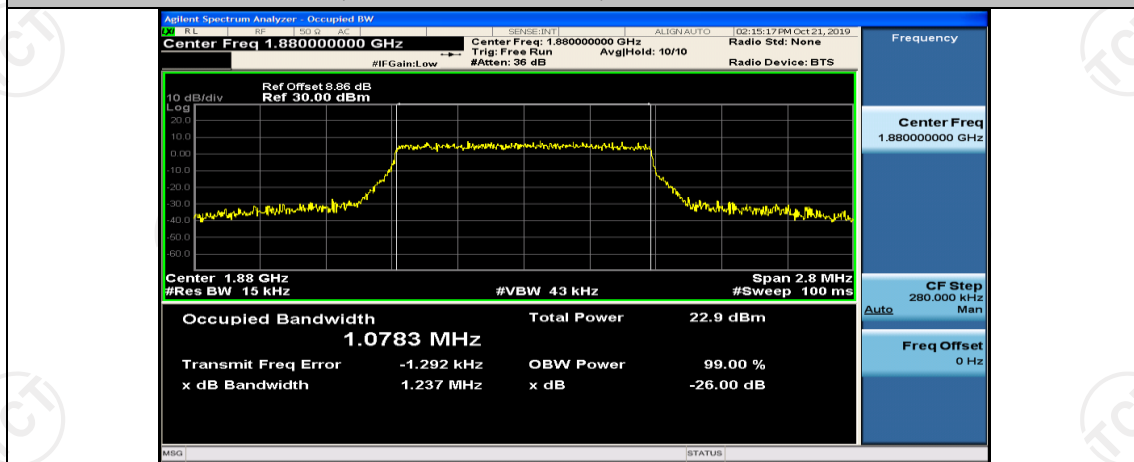
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#2



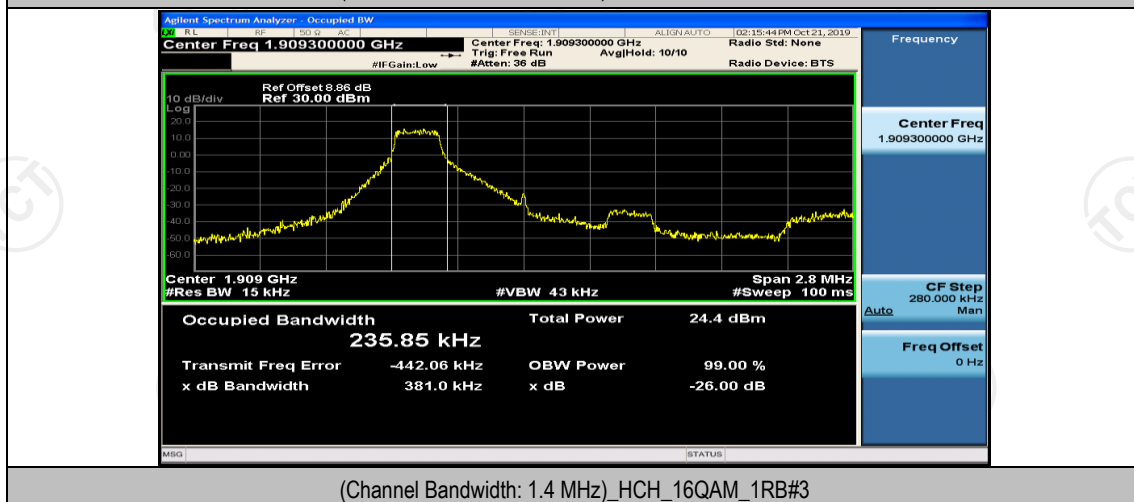
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#3



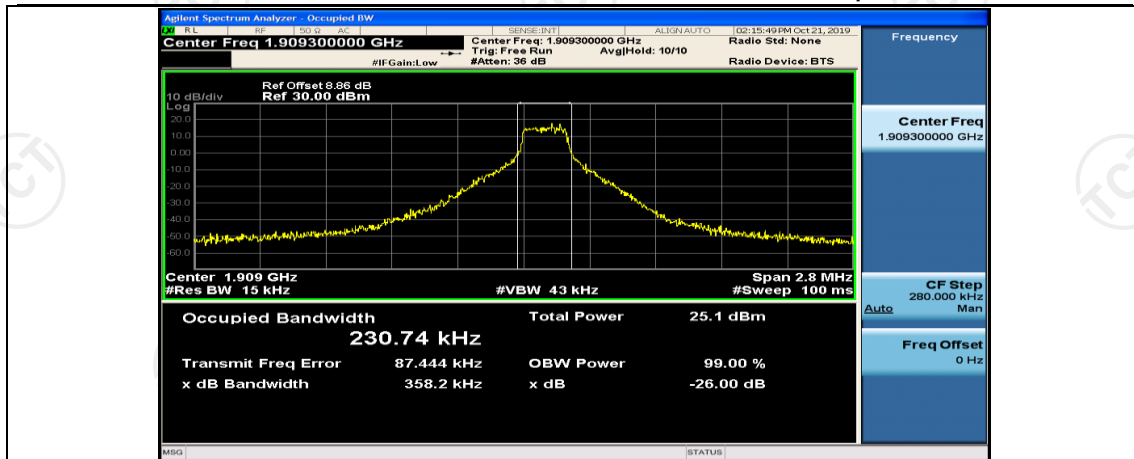
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



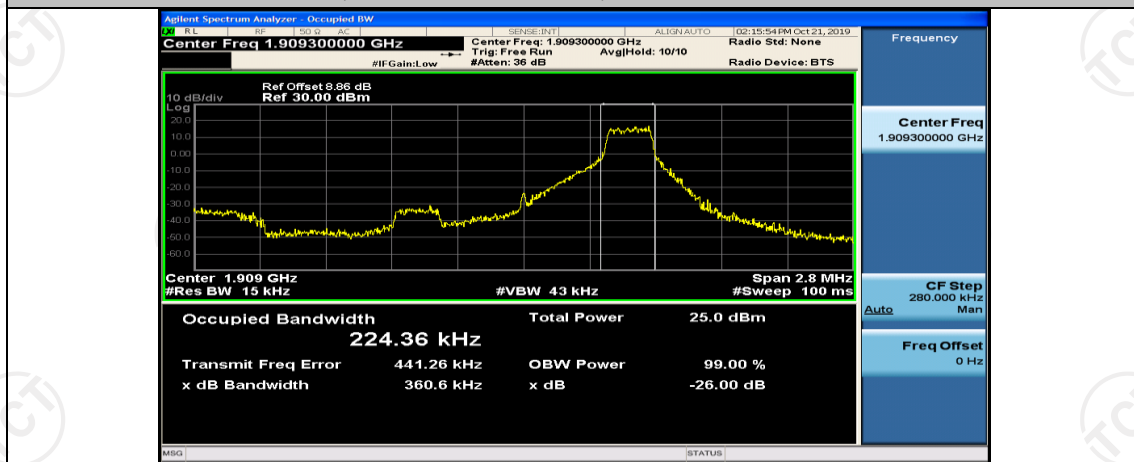
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



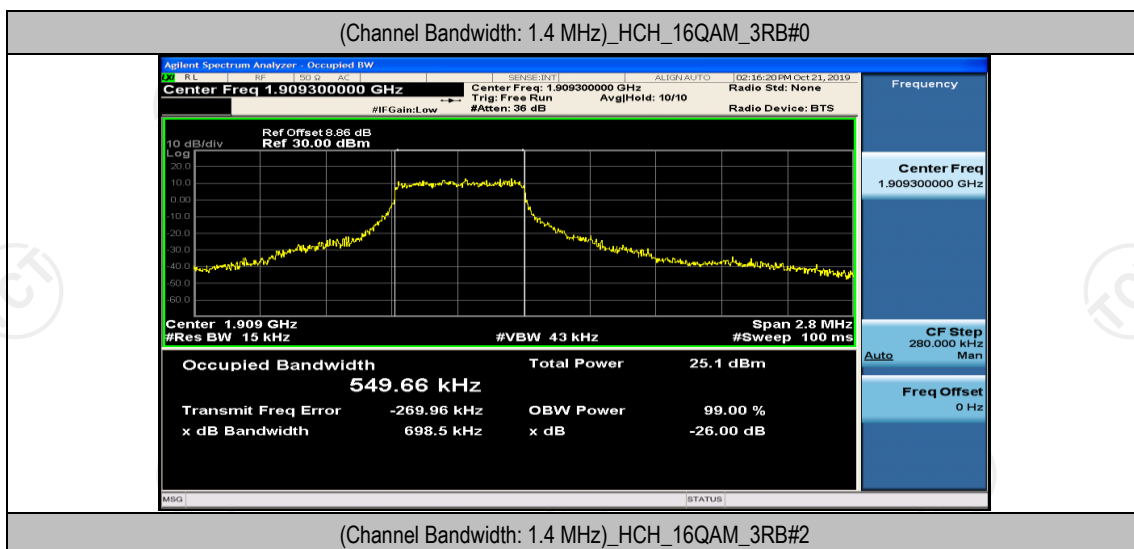
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#0



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#2