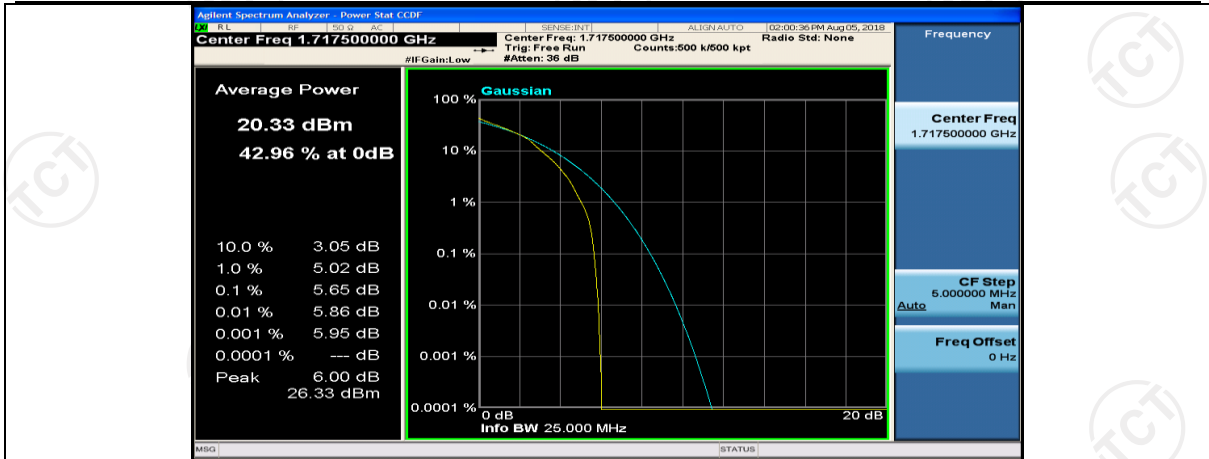
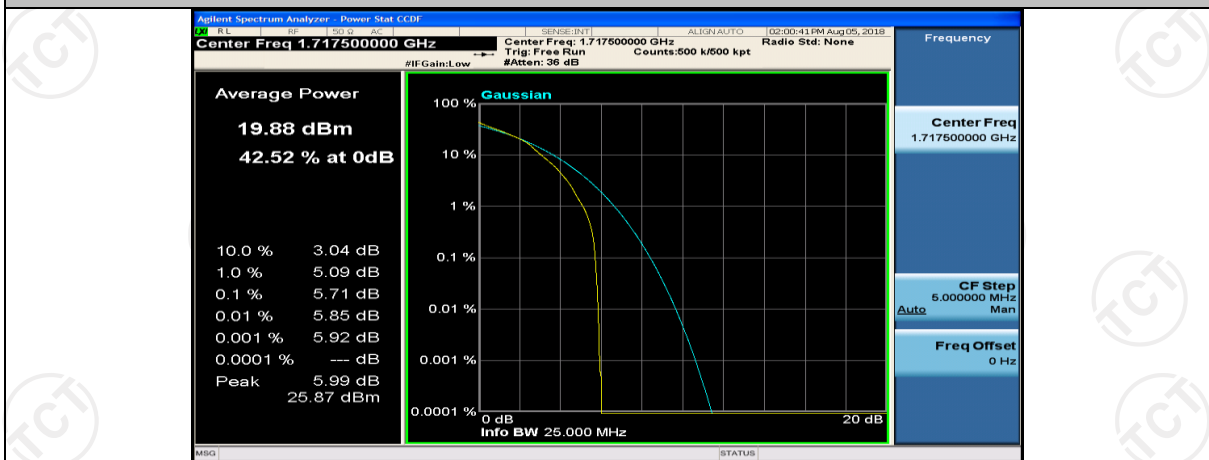
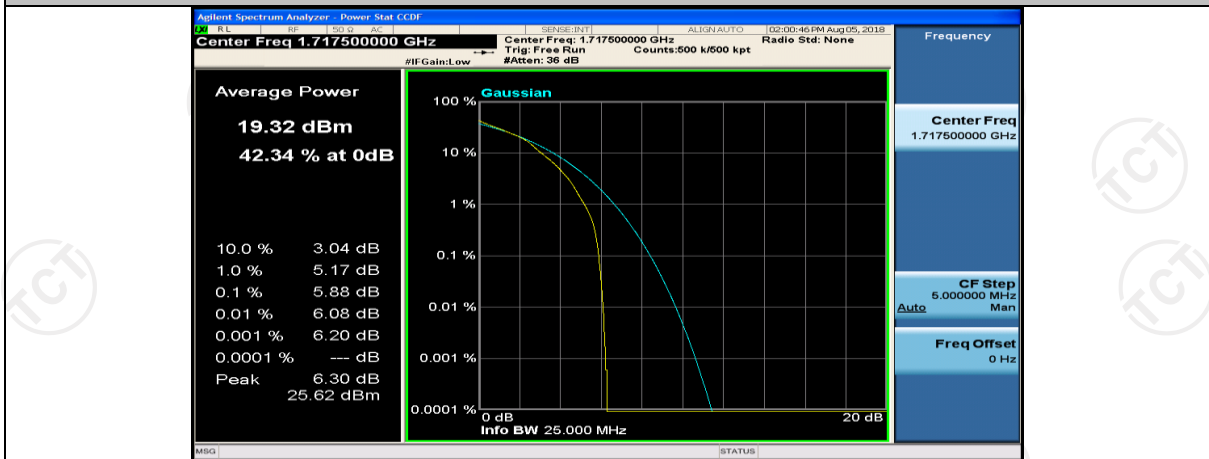




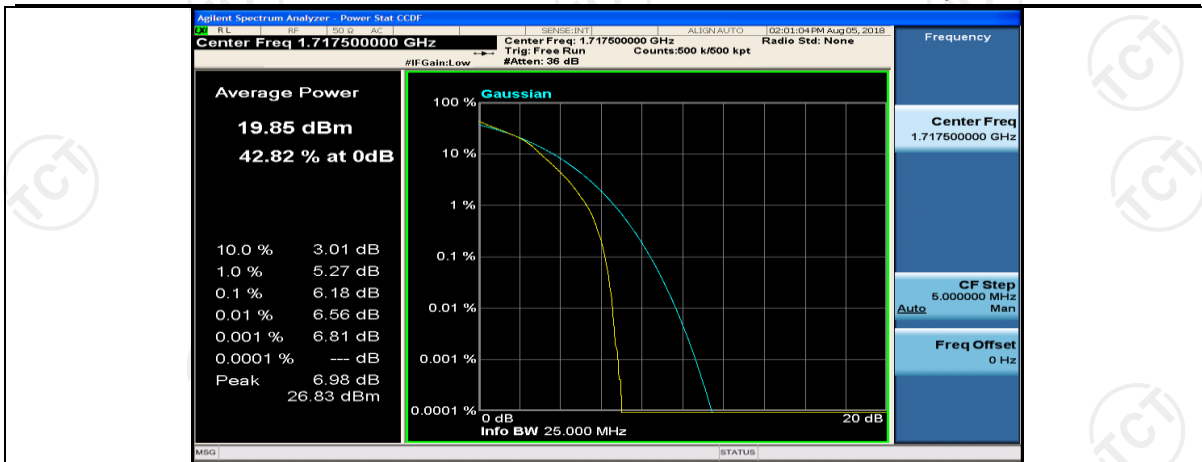
(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#18



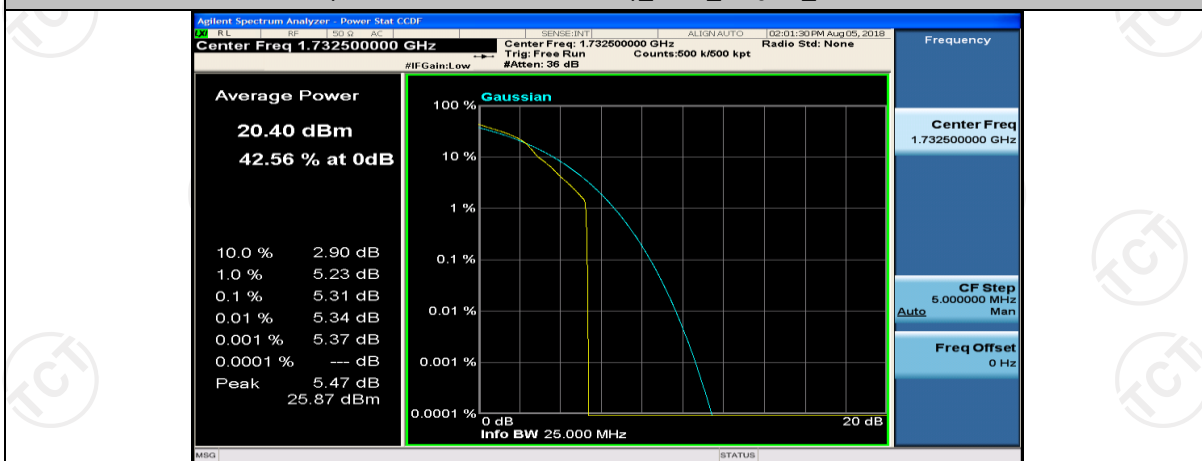
(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#38



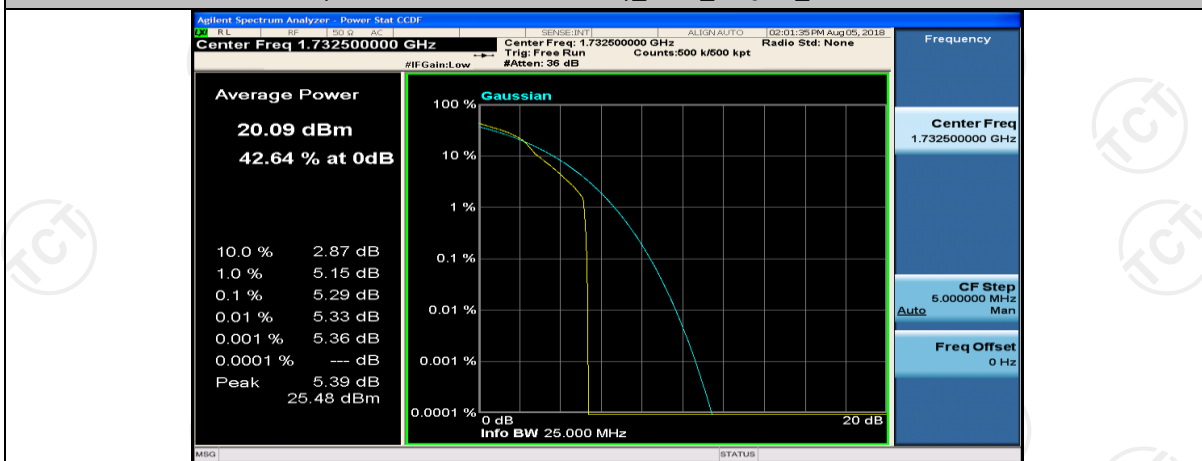
(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0



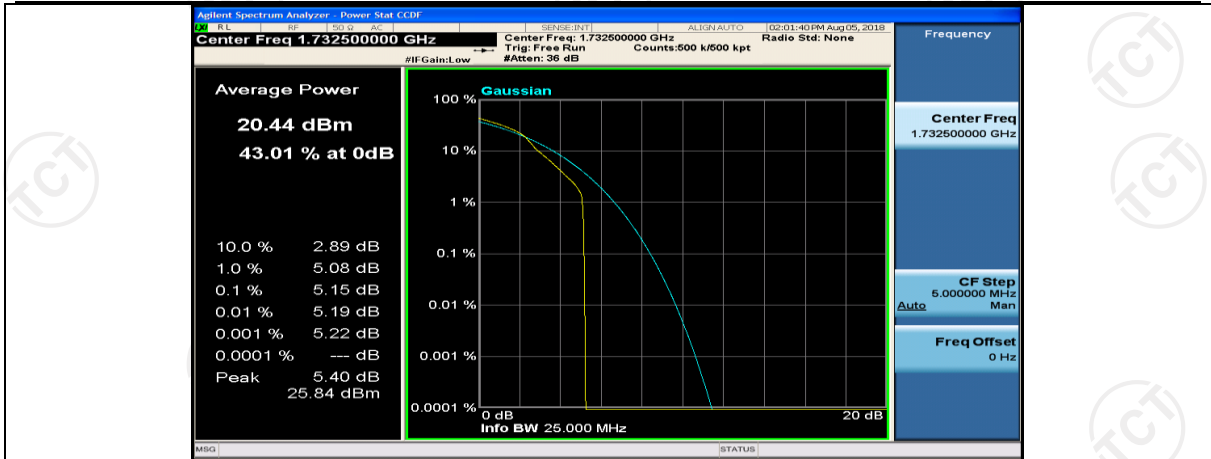
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0



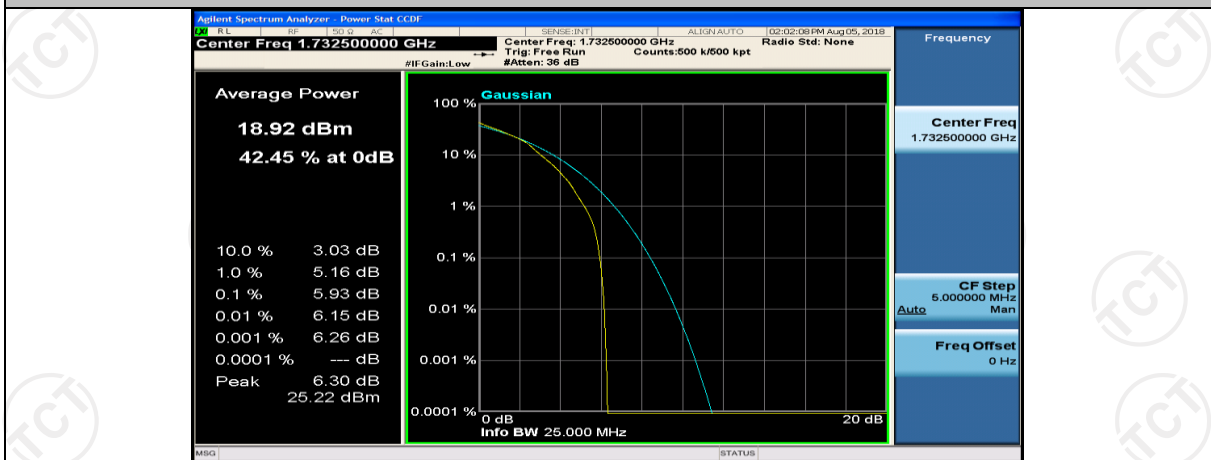
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37



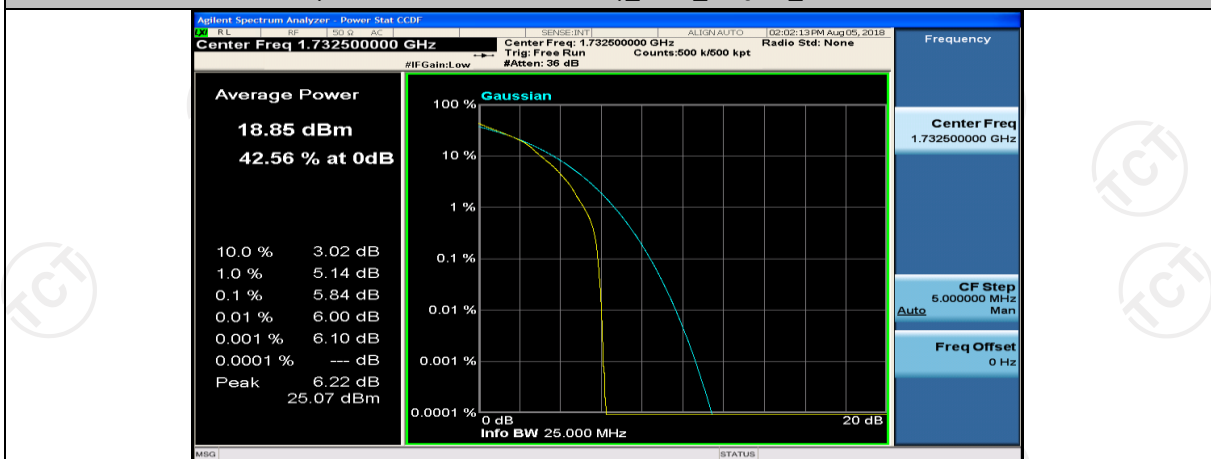
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#74



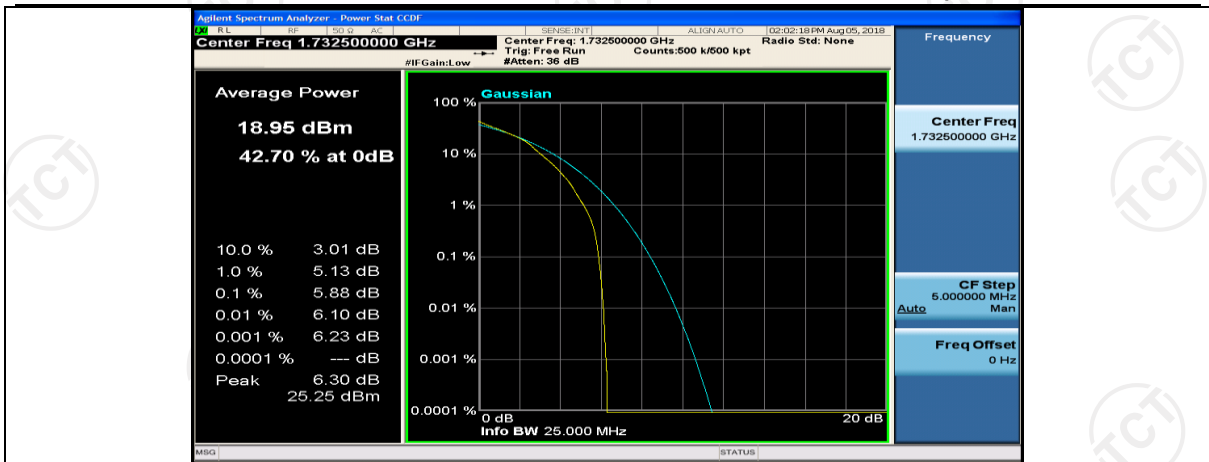
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#0



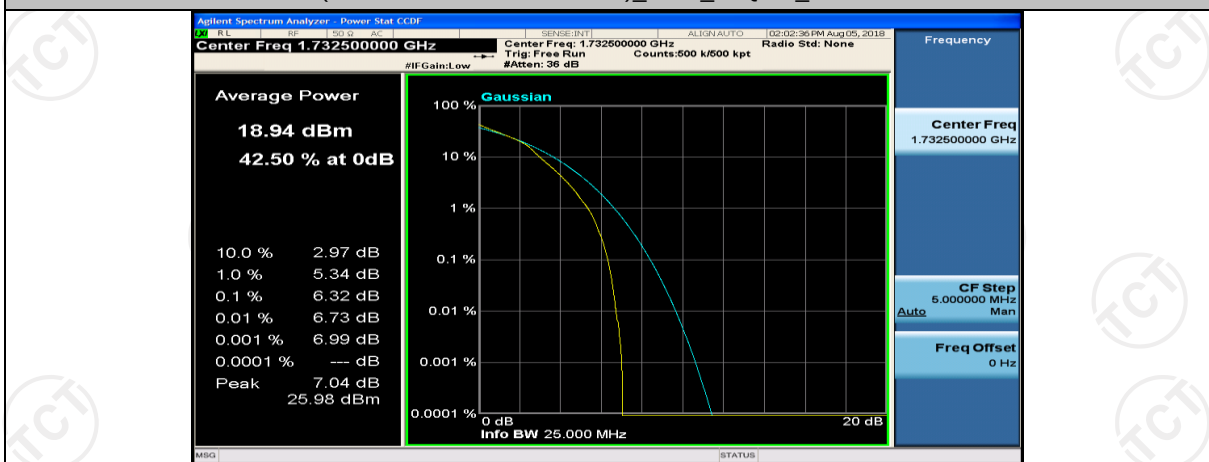
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#18



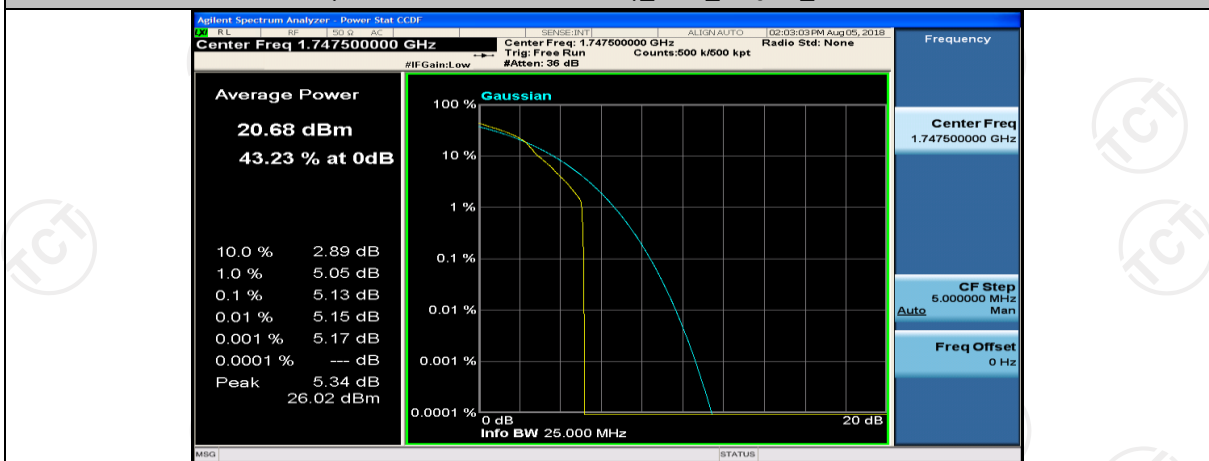
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#38



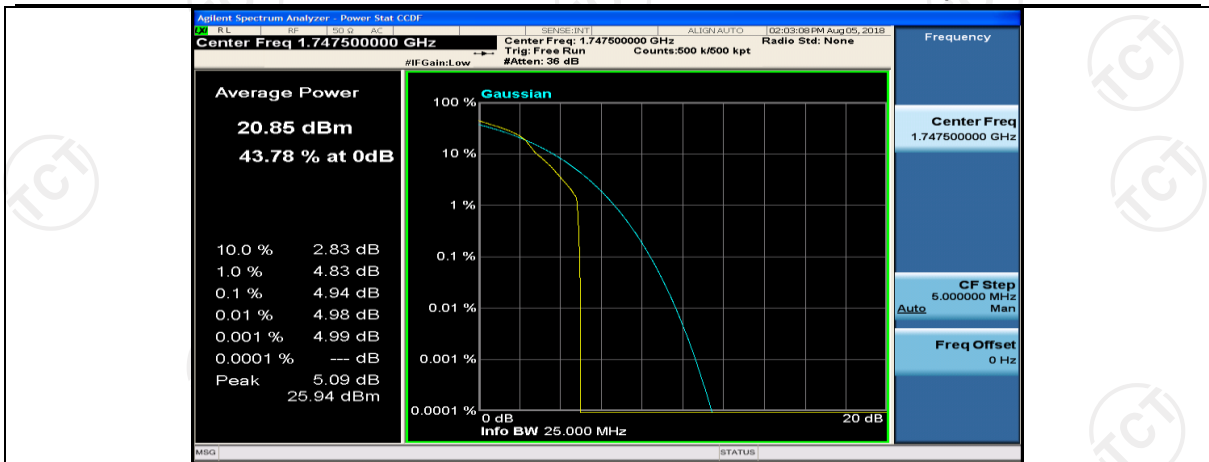
(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0



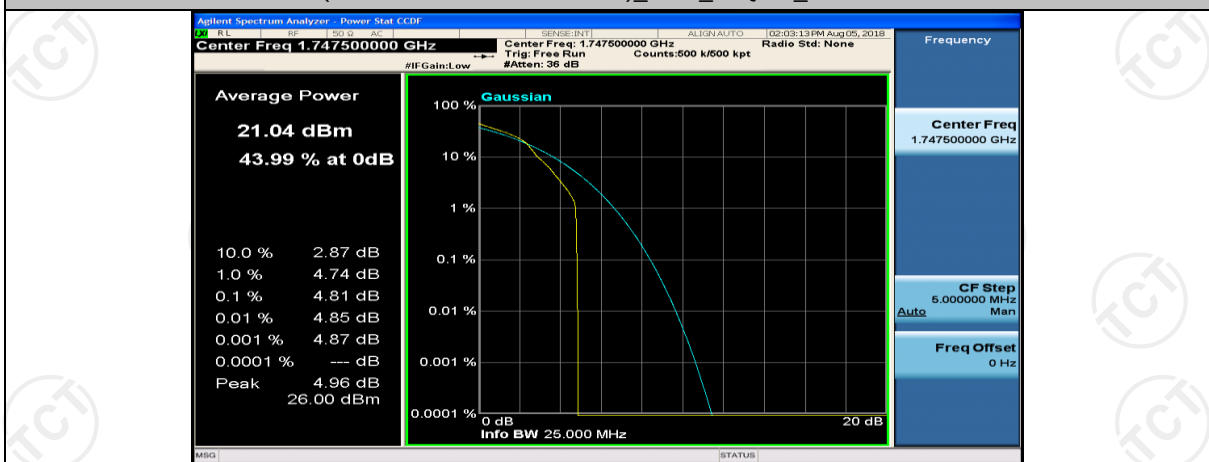
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0



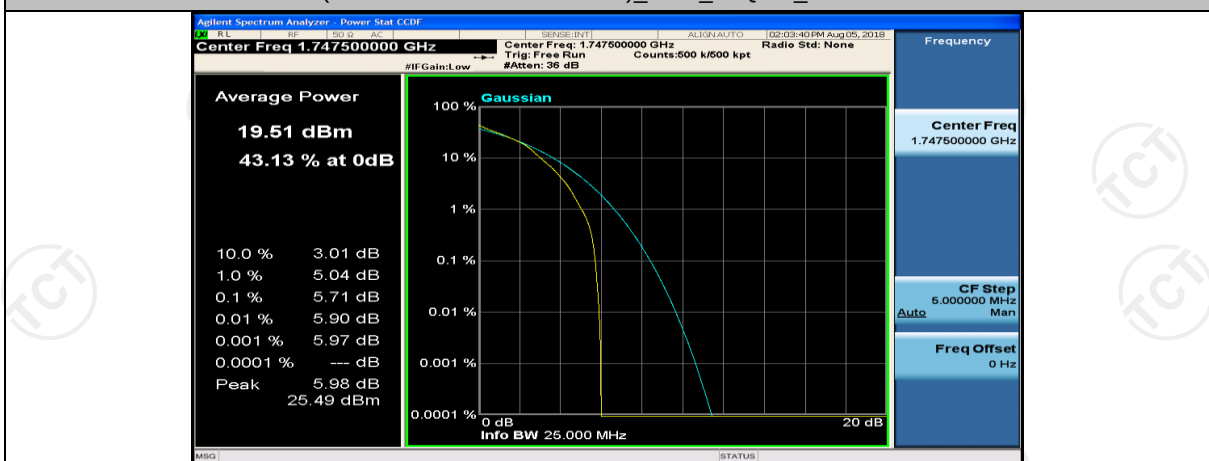
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37



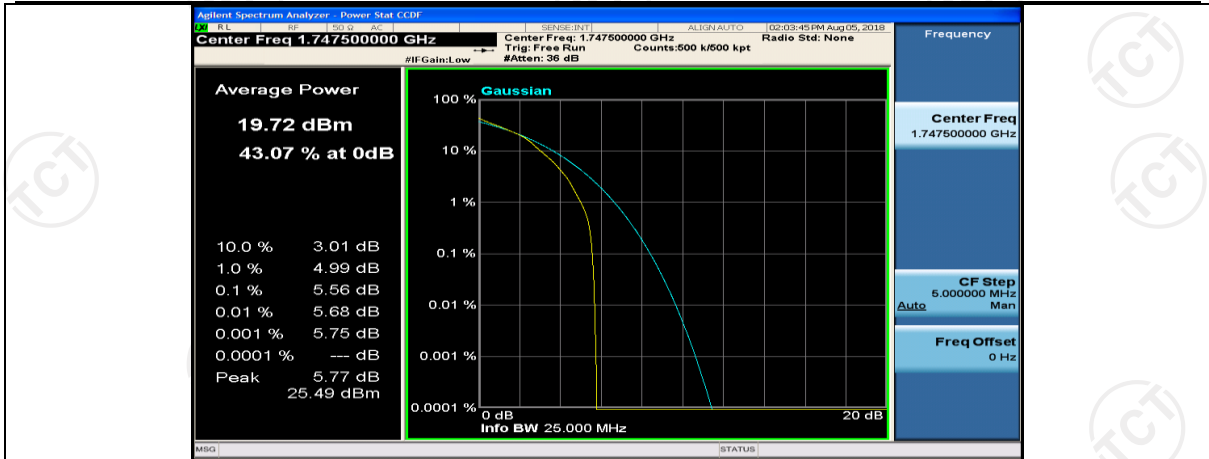
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#74



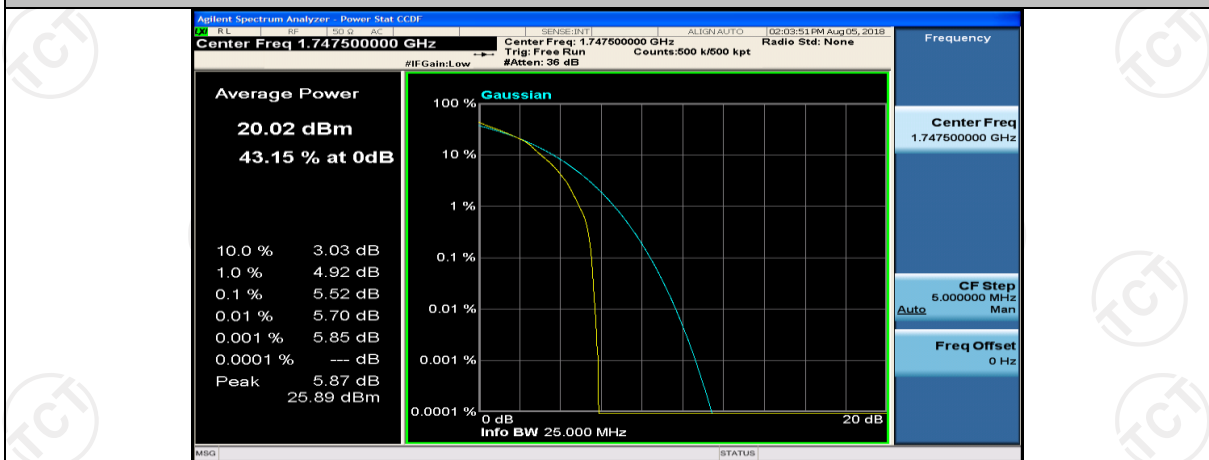
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#0



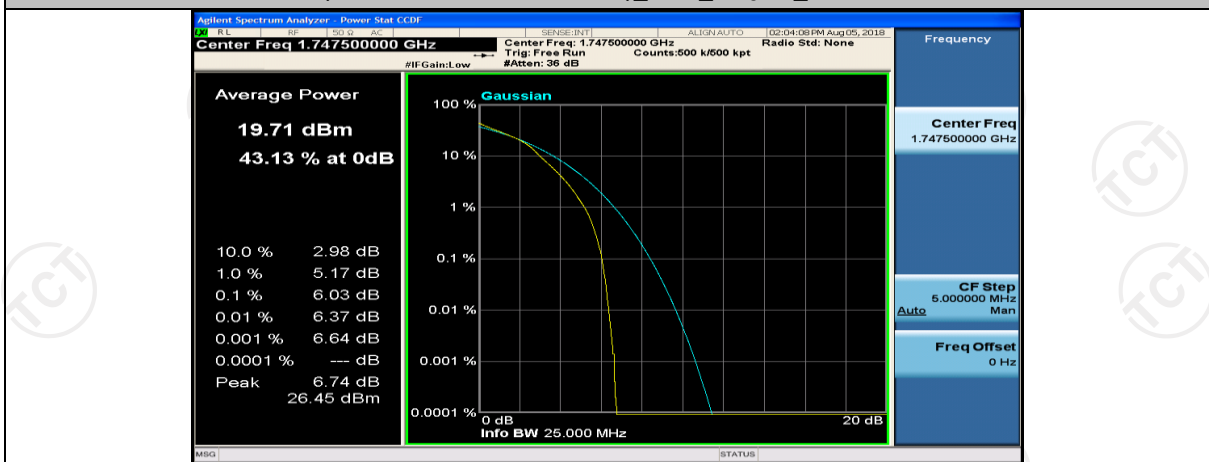
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#18



(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#38

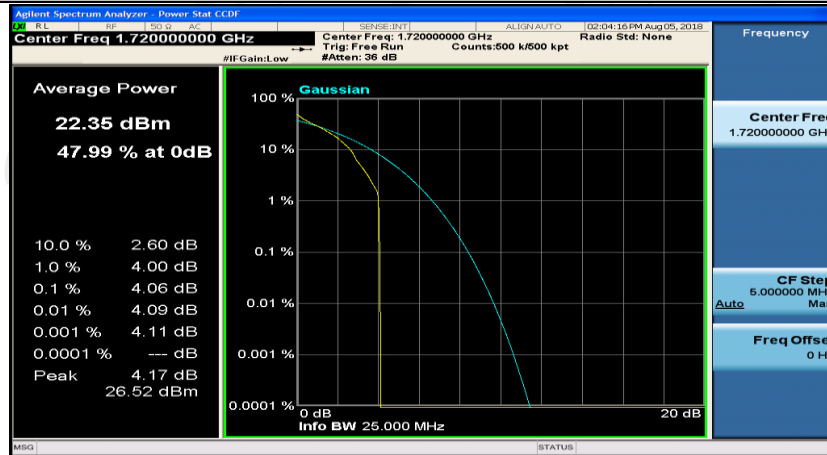


(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0

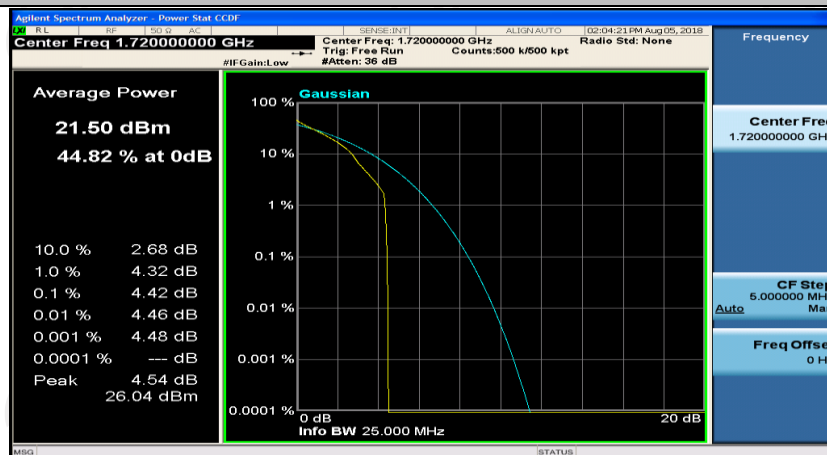


Channel Bandwidth: 20 MHz

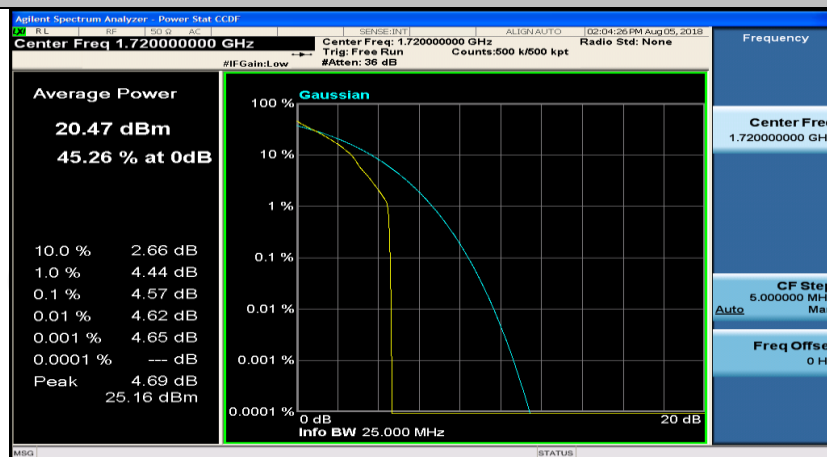
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#0



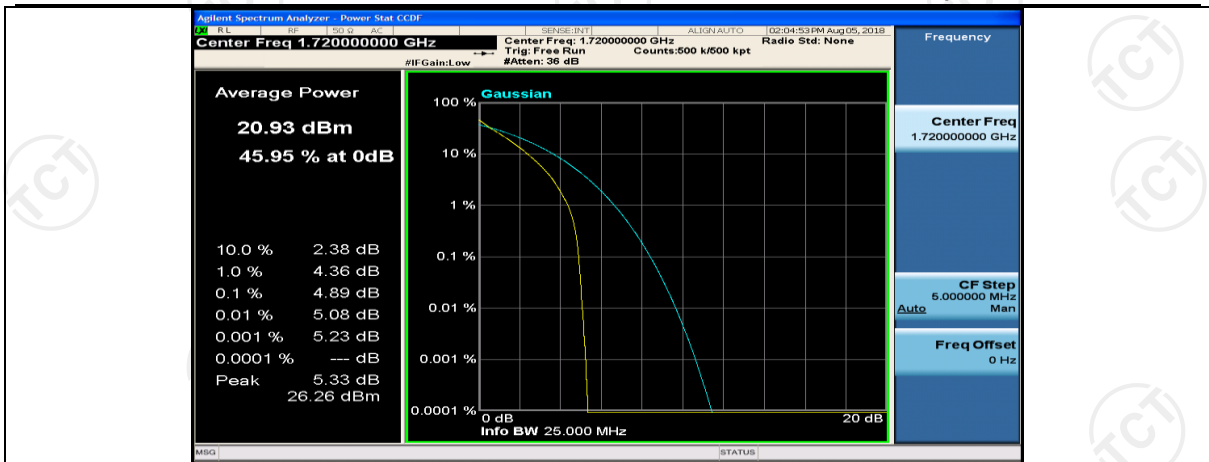
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#49



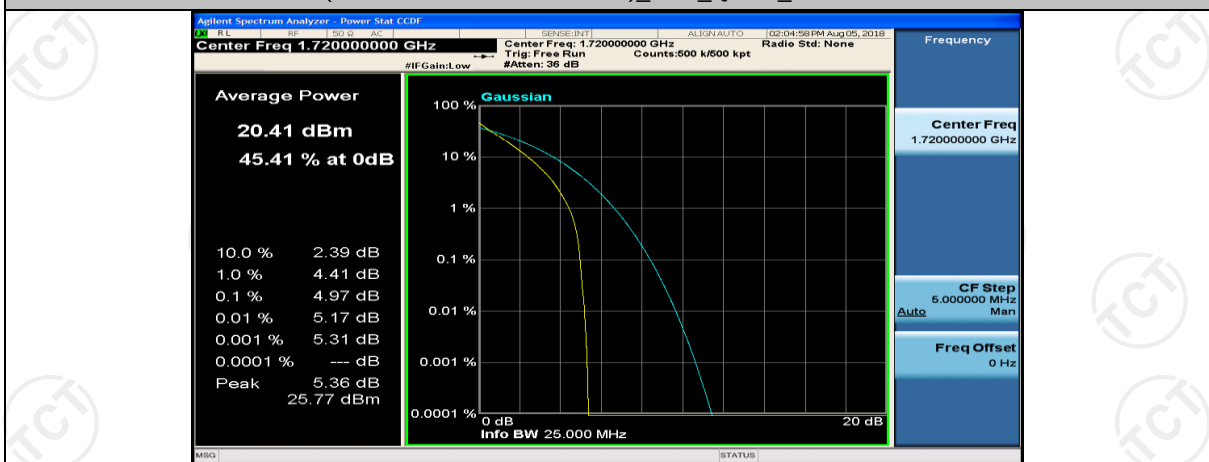
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#99



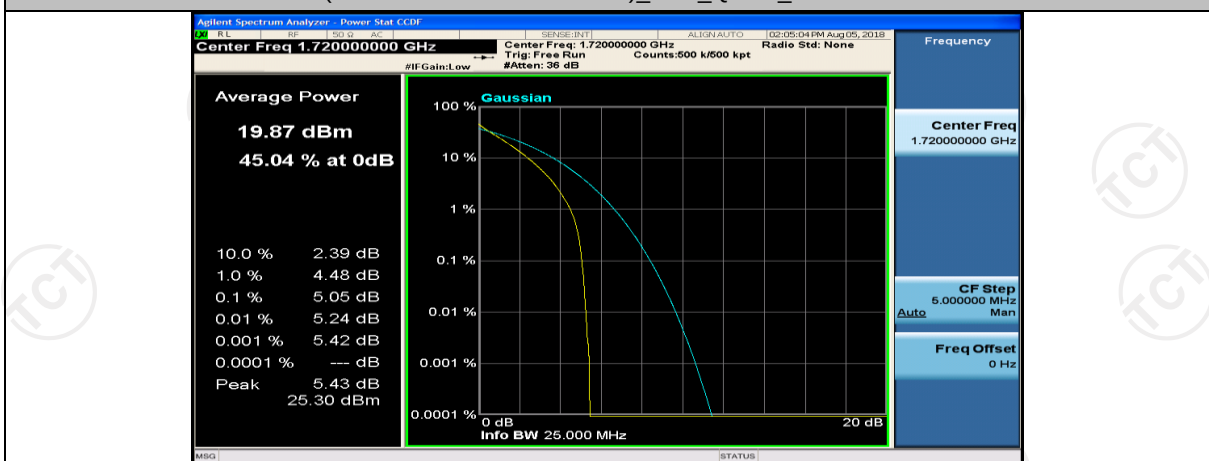
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#0



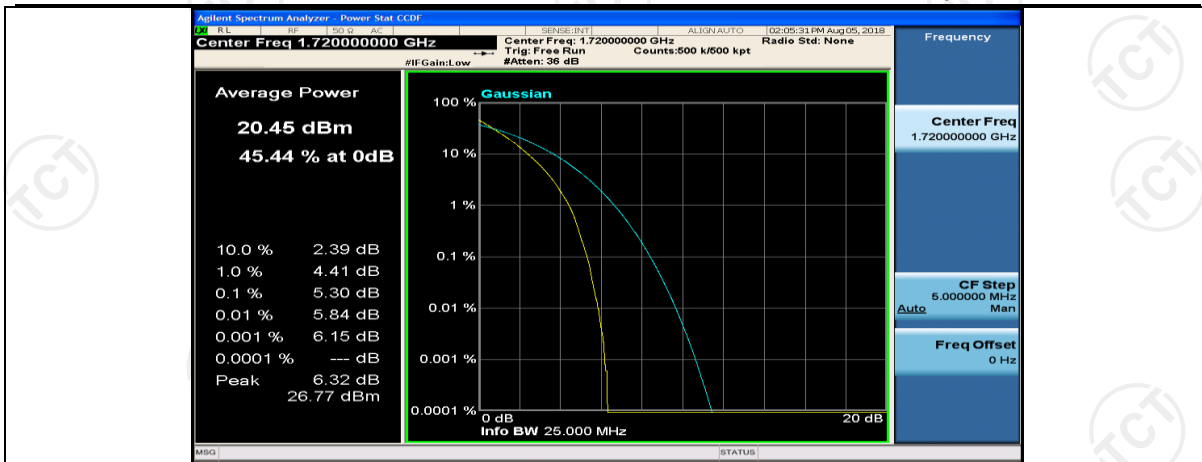
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#25



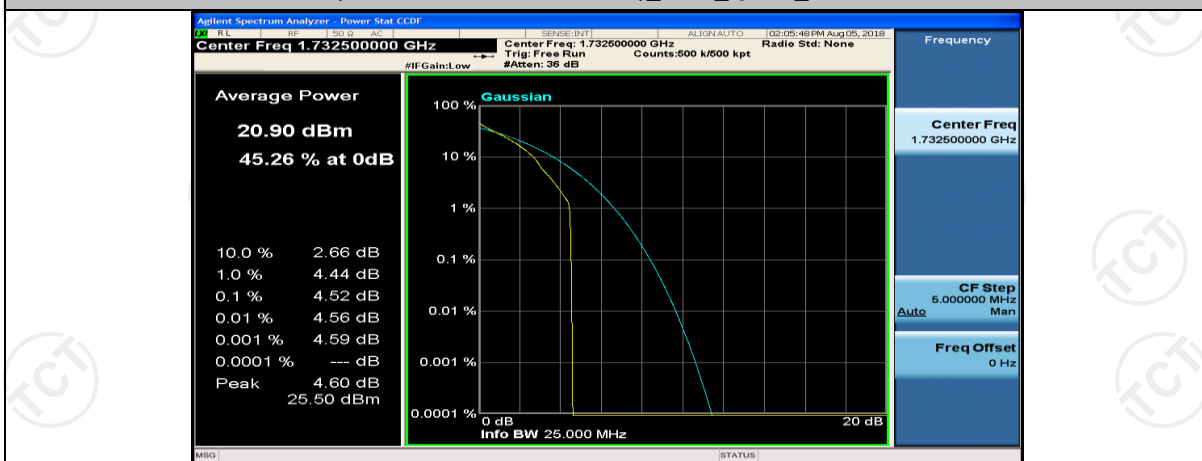
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#50



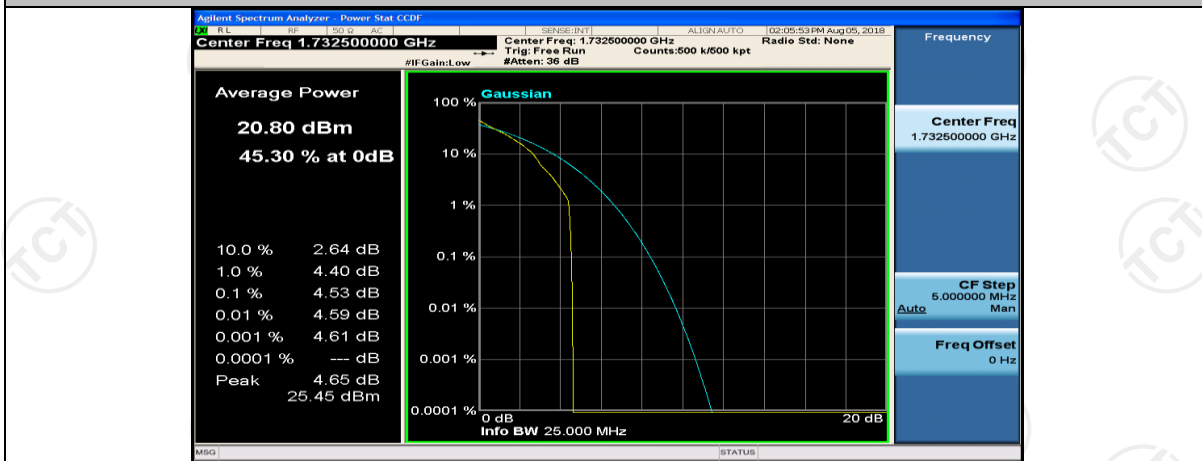
(Channel Bandwidth:20 MHz)_LCH_QPSK_100RB#0



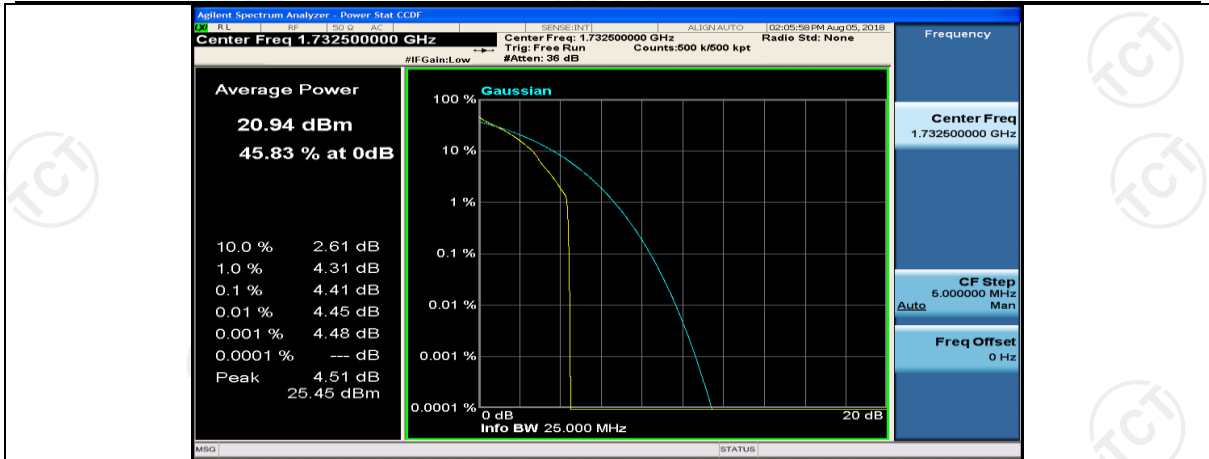
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0



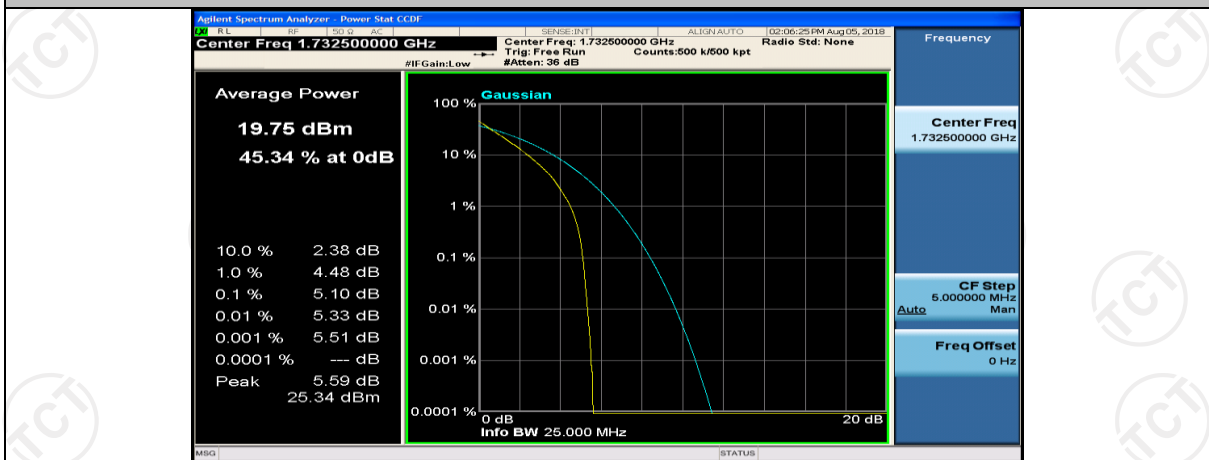
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49



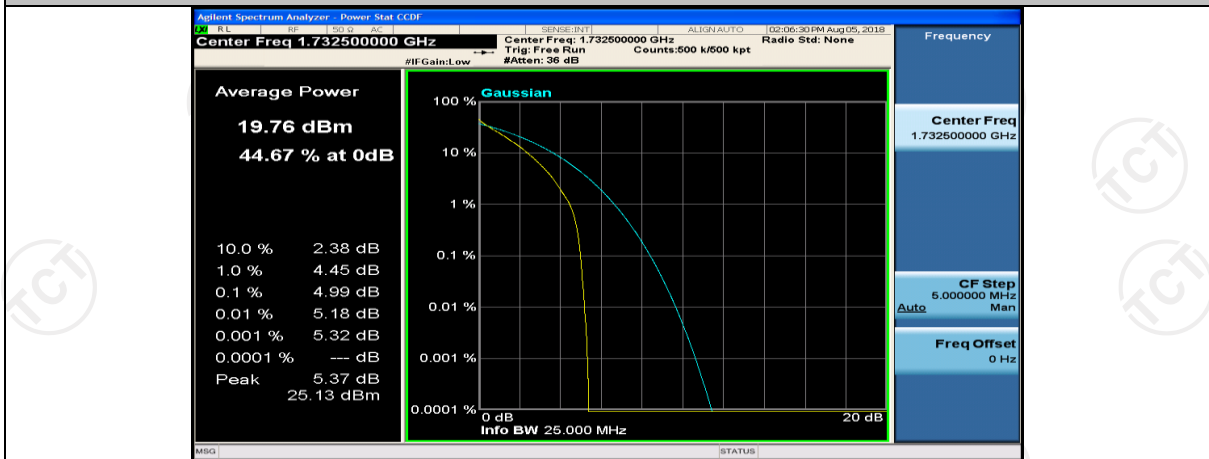
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#99



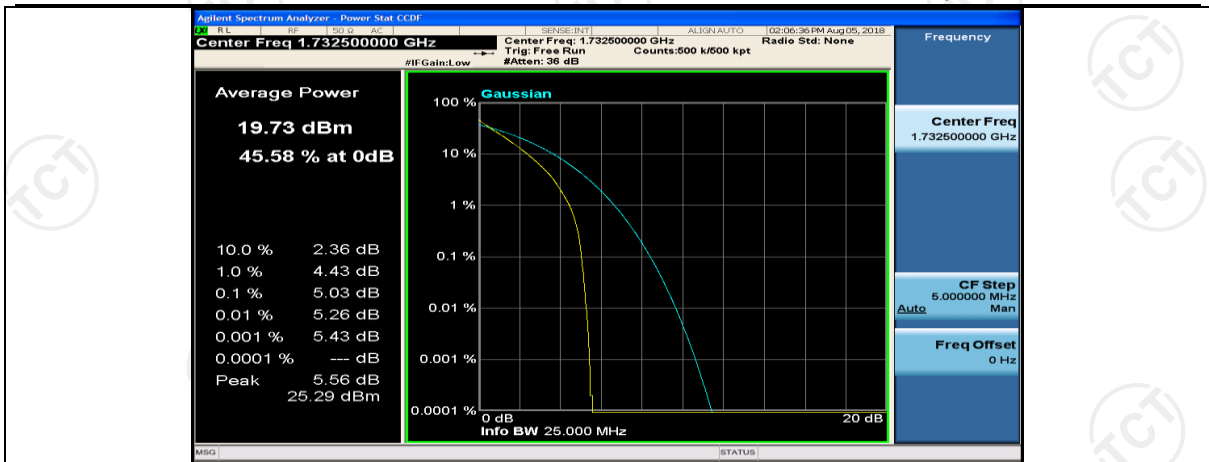
(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#0



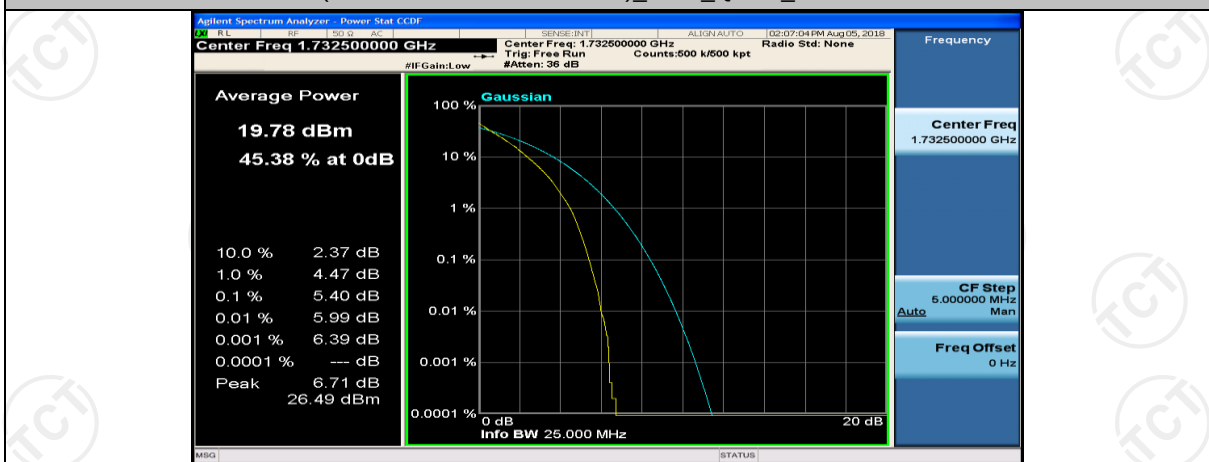
(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#25



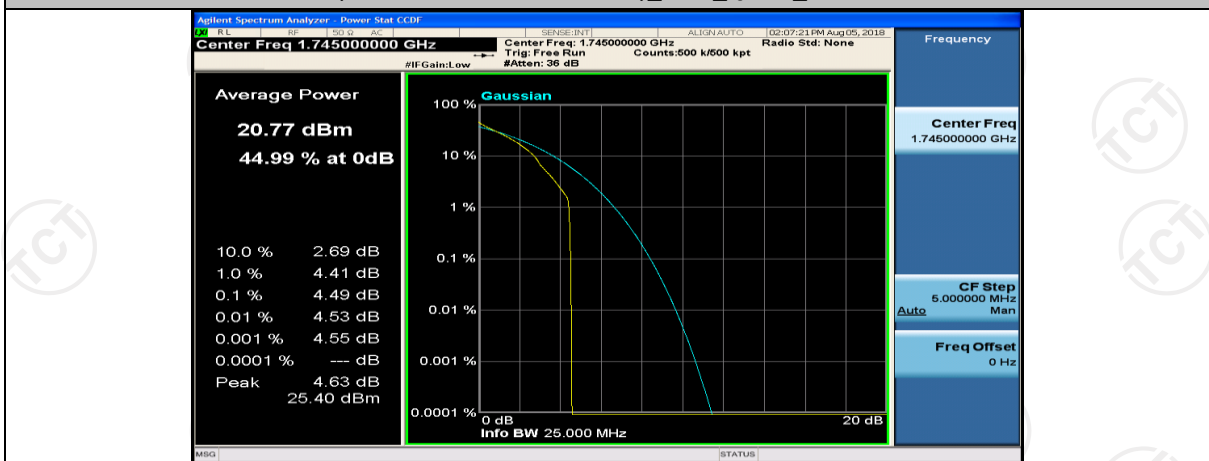
(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#50



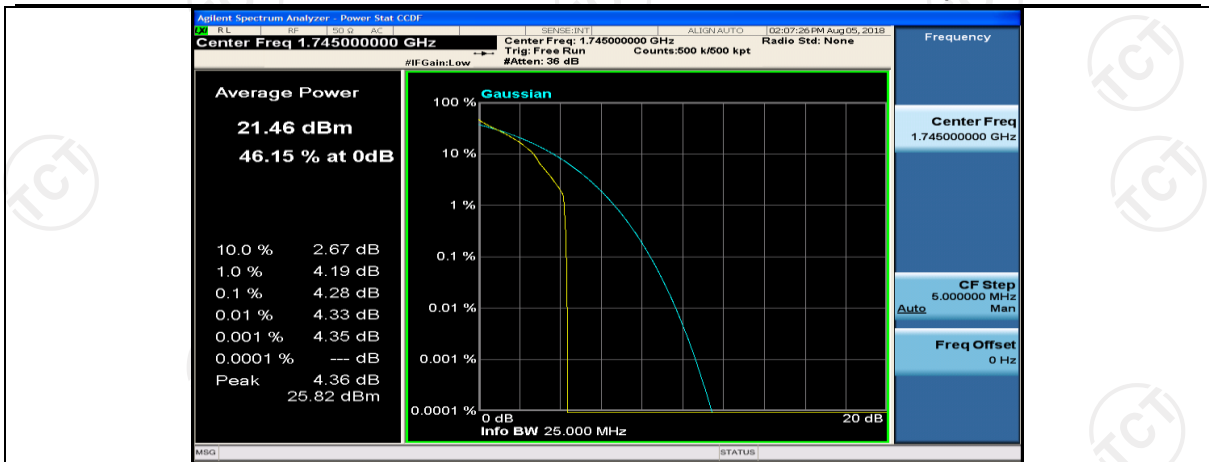
(Channel Bandwidth:20 MHz)_MCH_QPSK_100RB#0



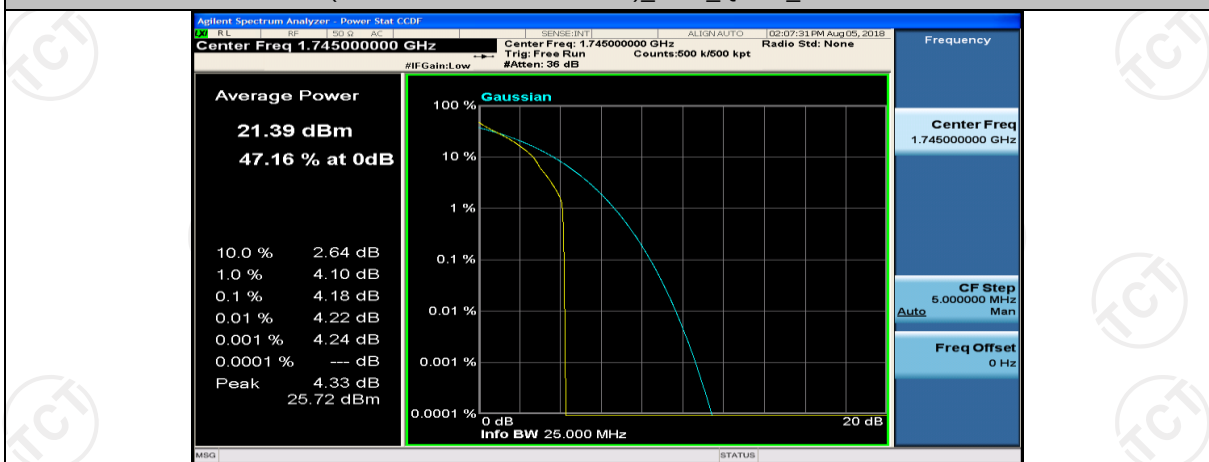
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0



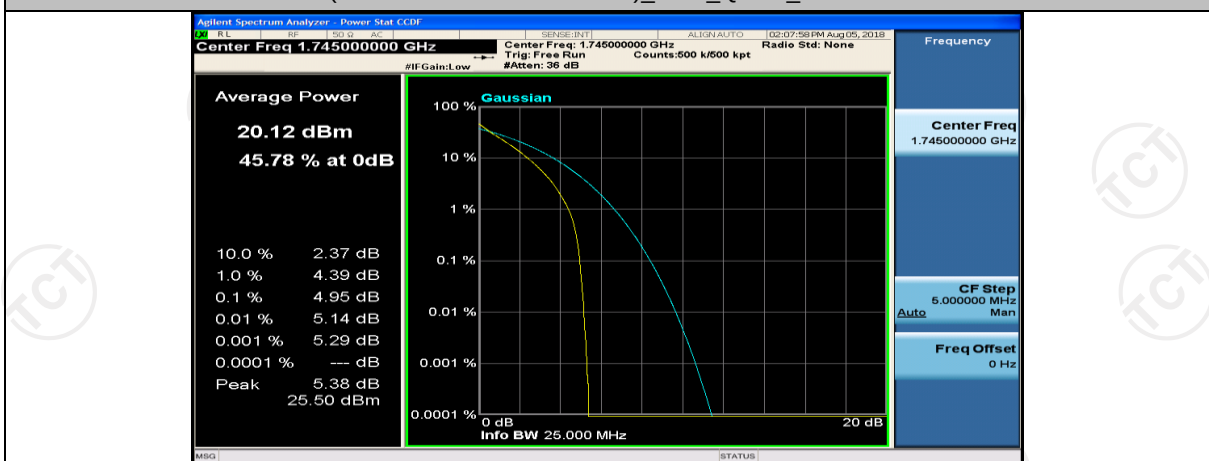
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49



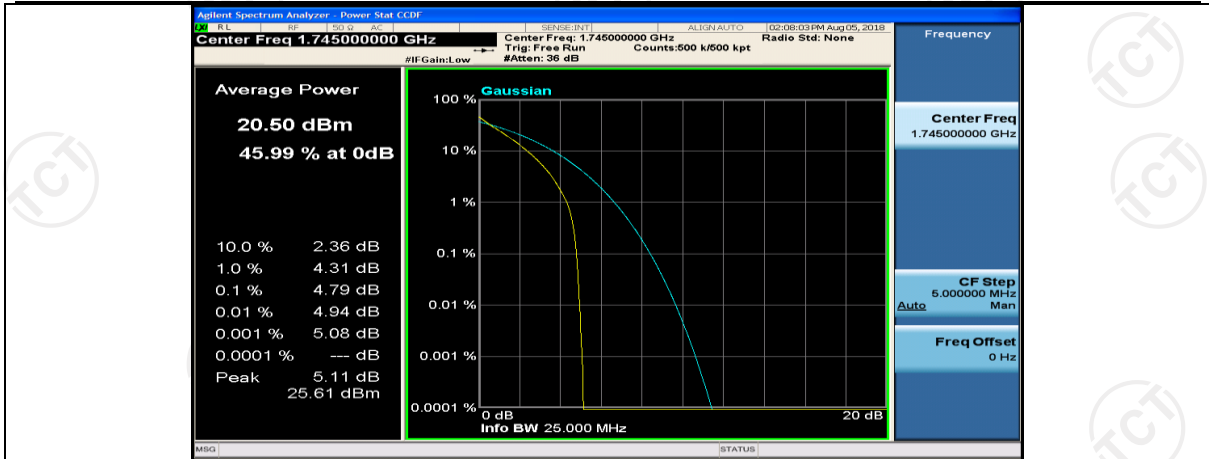
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#99



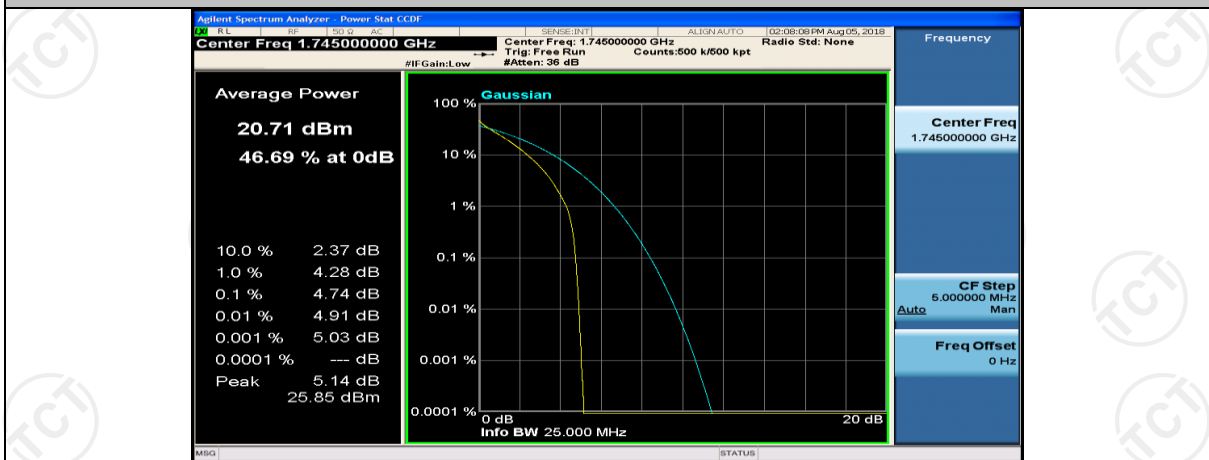
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#0



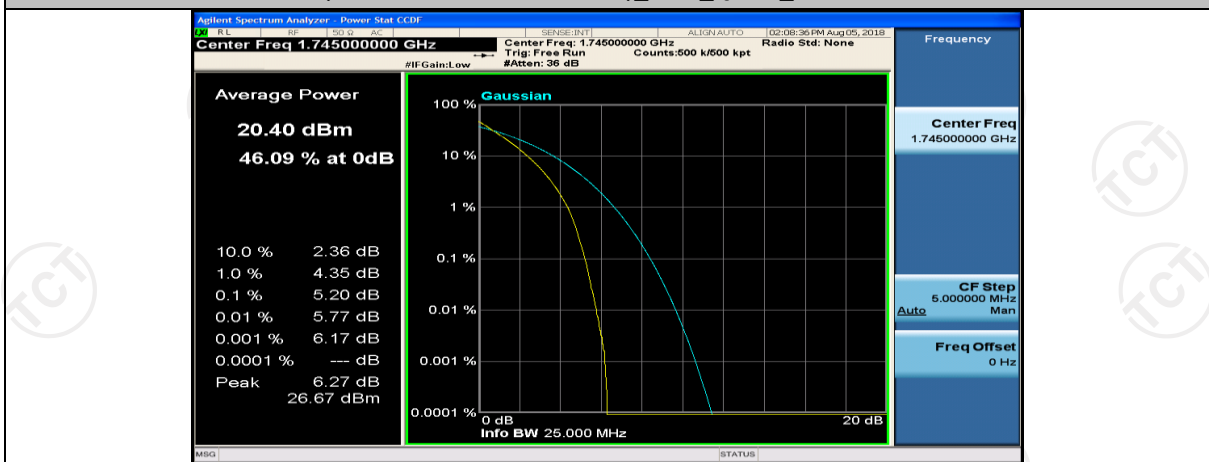
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#25



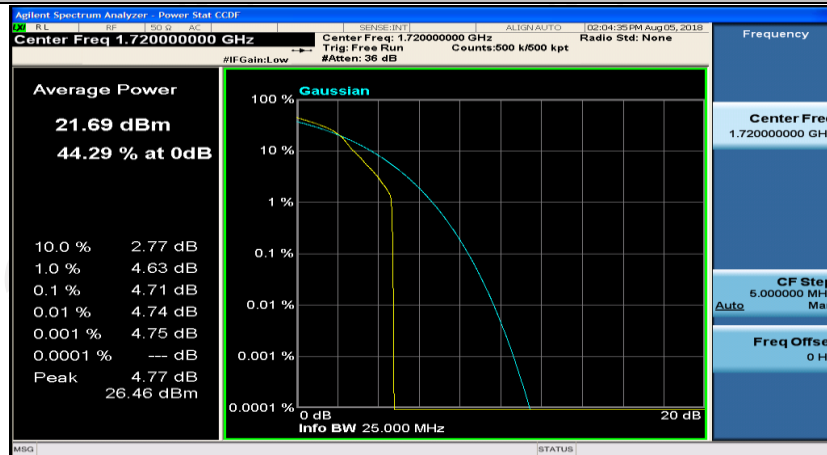
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#50



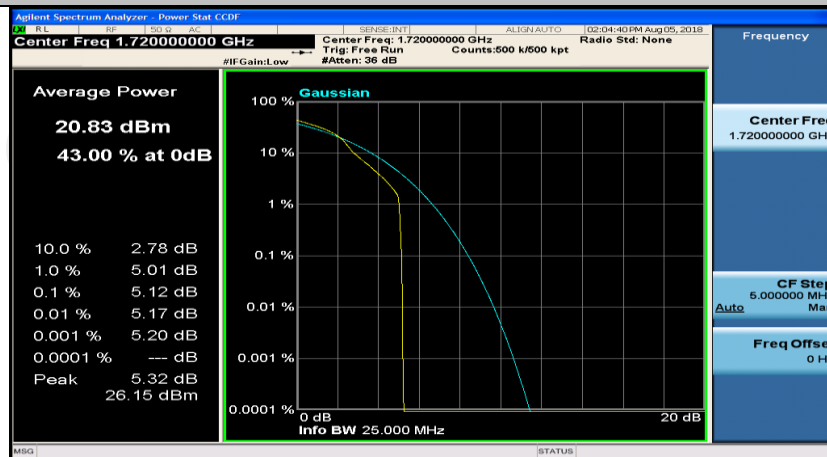
(Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0



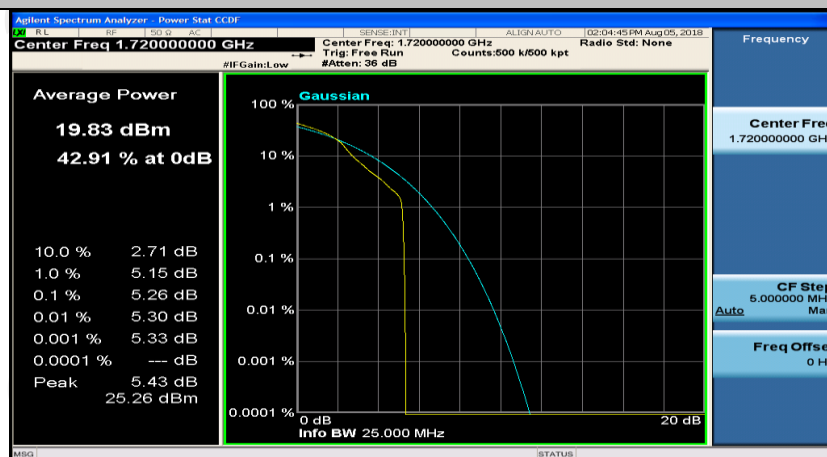
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0



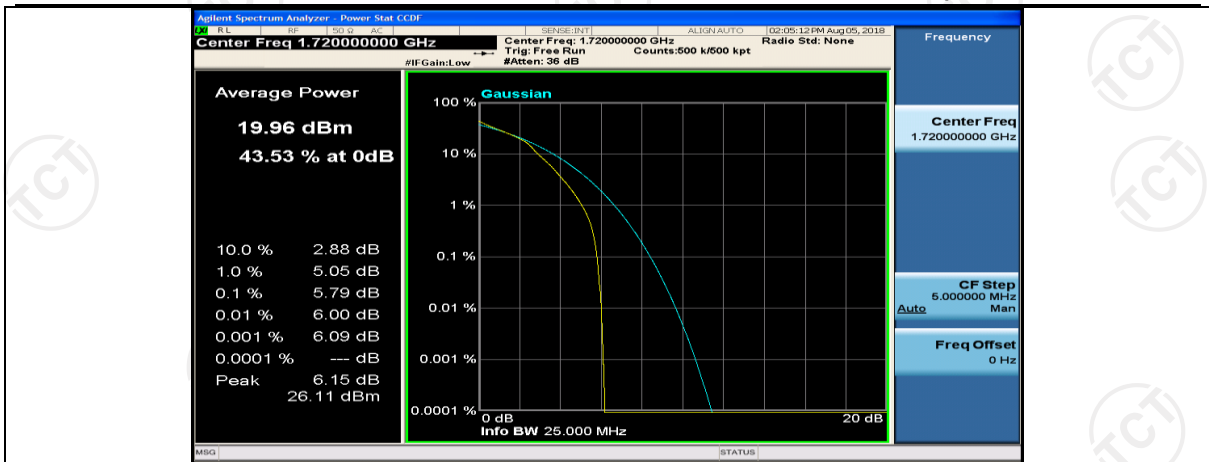
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#49



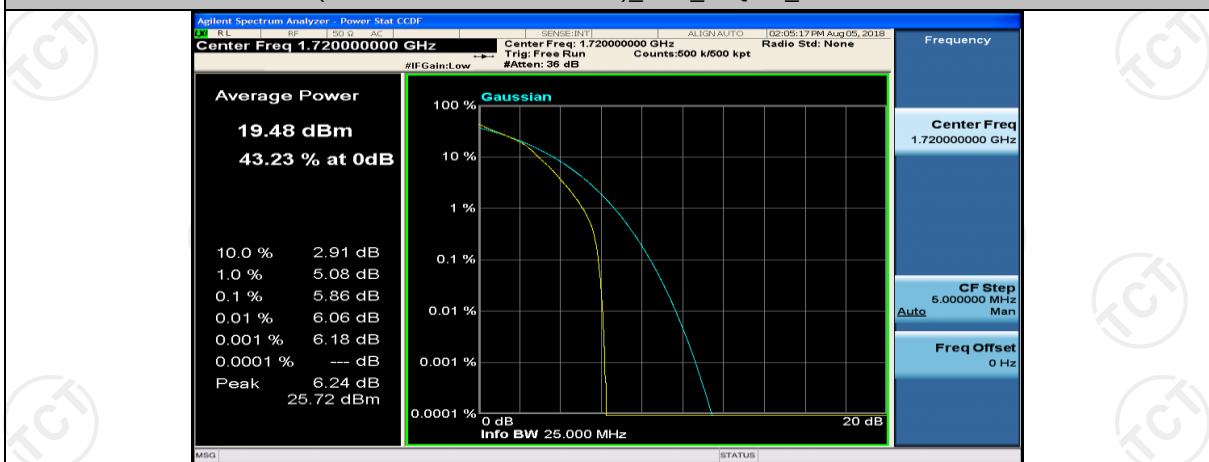
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#99



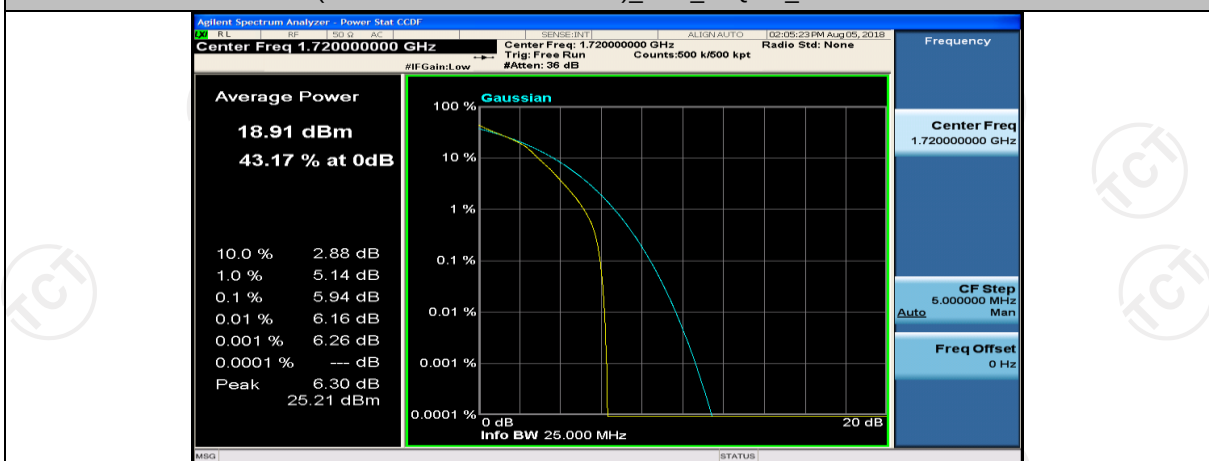
(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#0



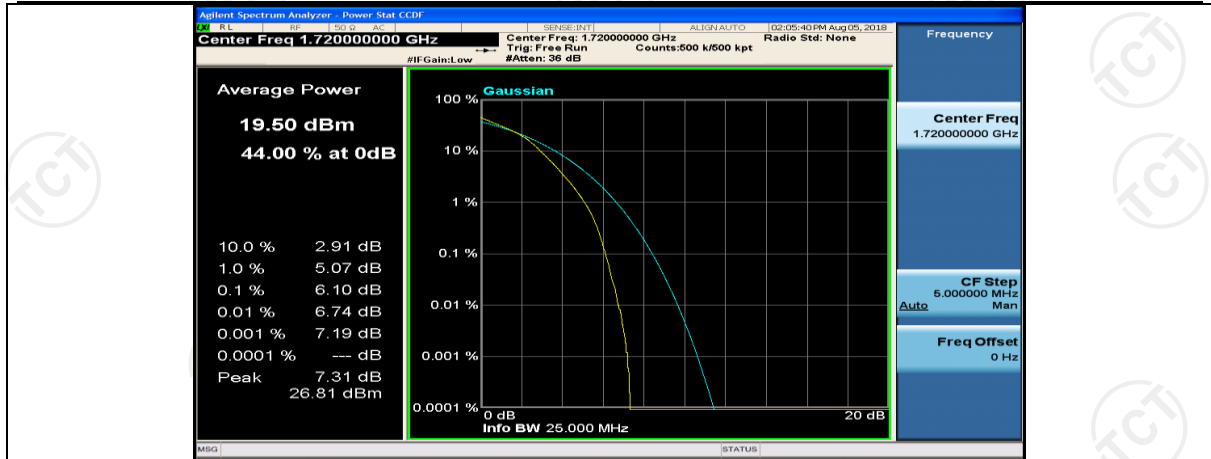
(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#25



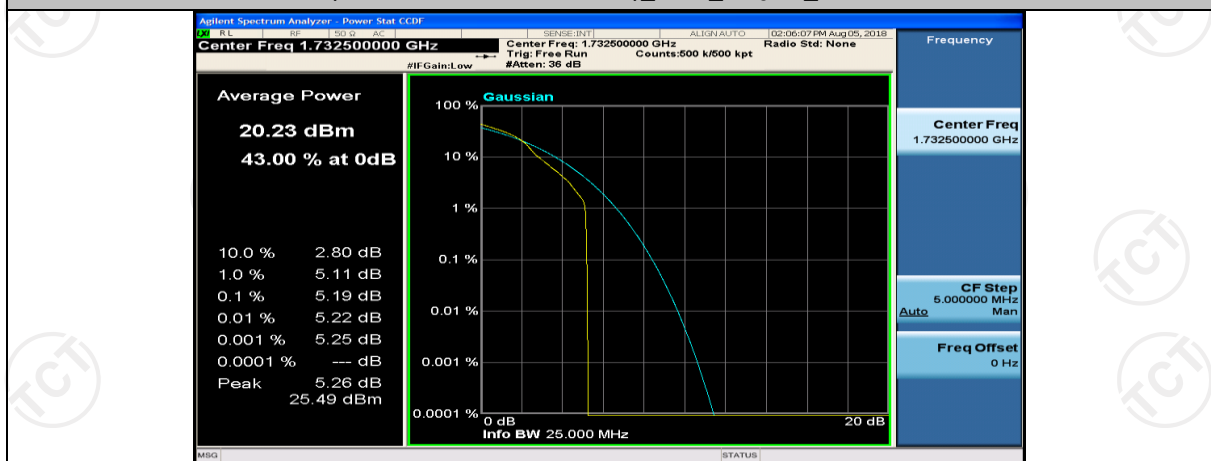
(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#50



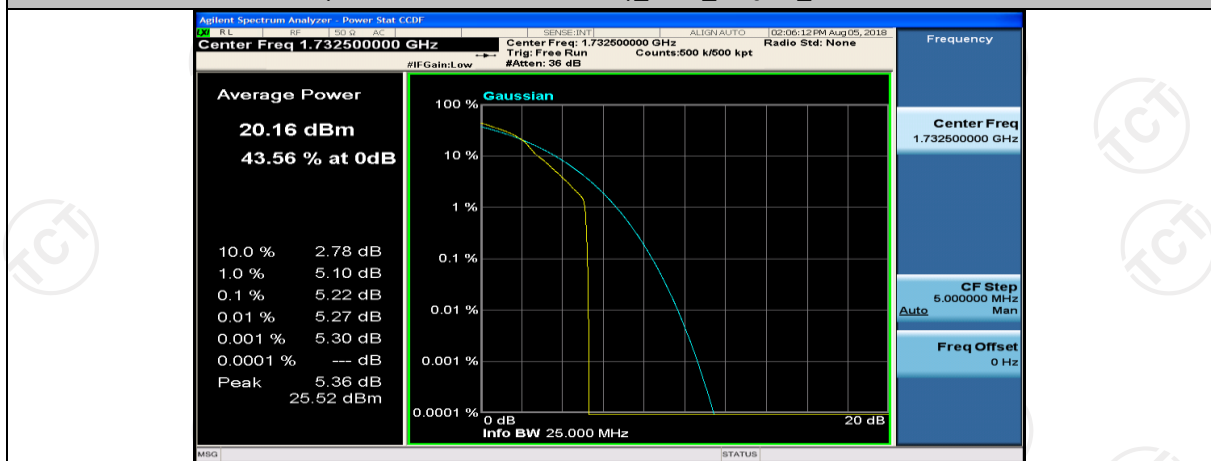
(Channel Bandwidth:20 MHz)_LCH_16QAM_100RB#0



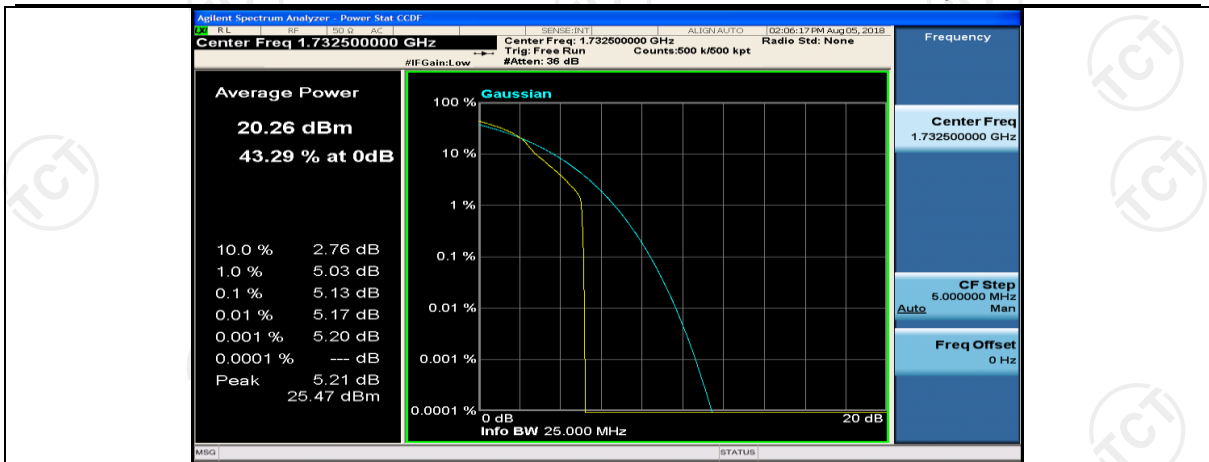
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0



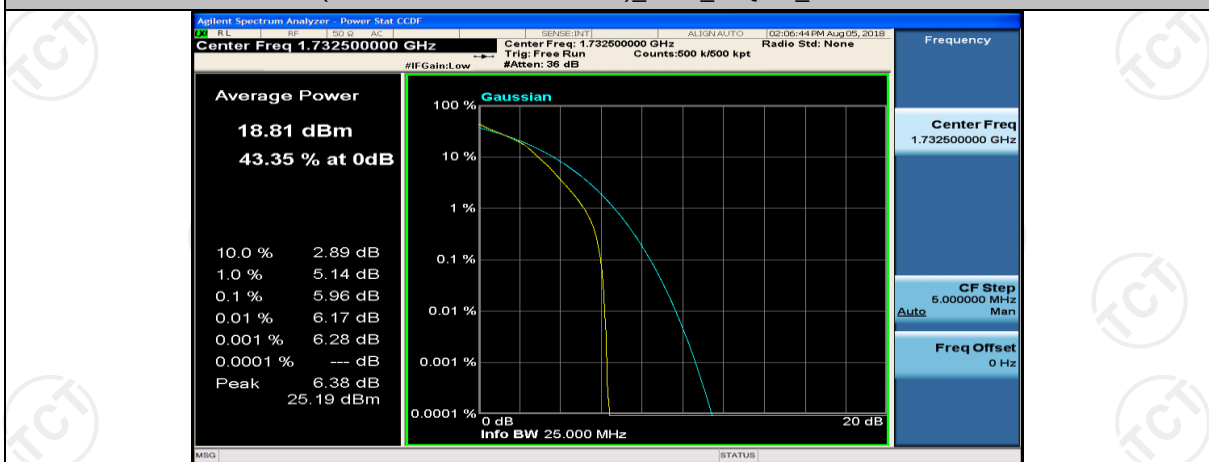
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49



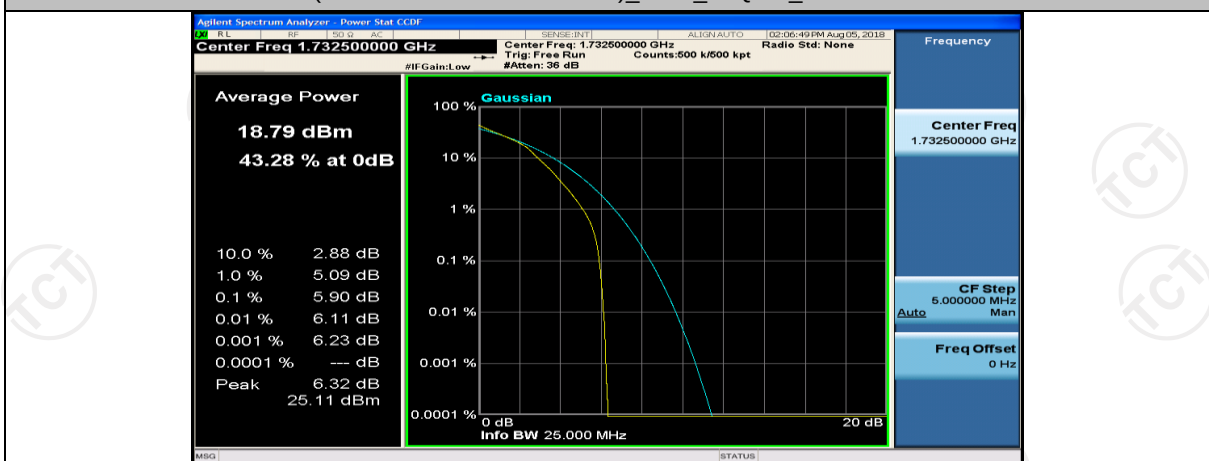
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#99



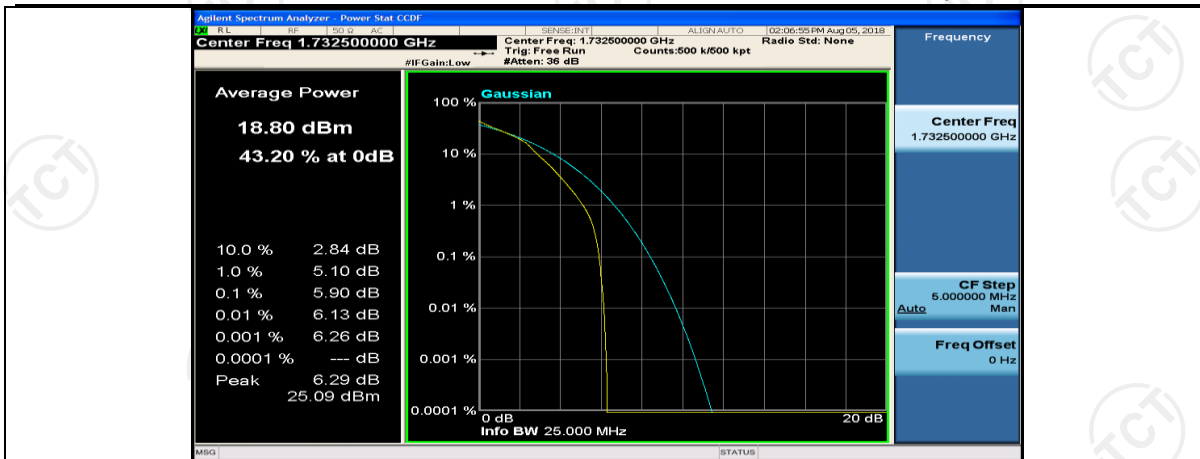
(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#0



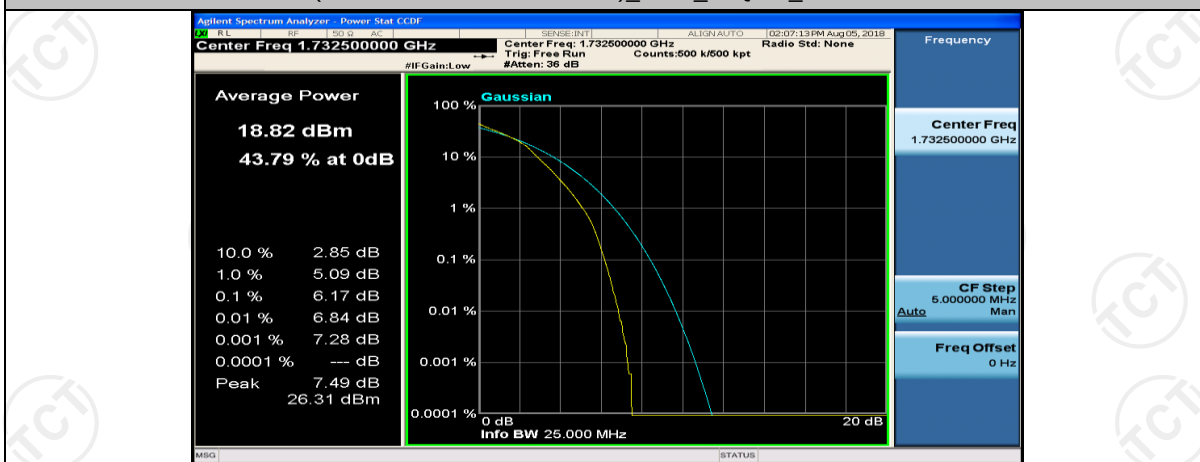
(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#25



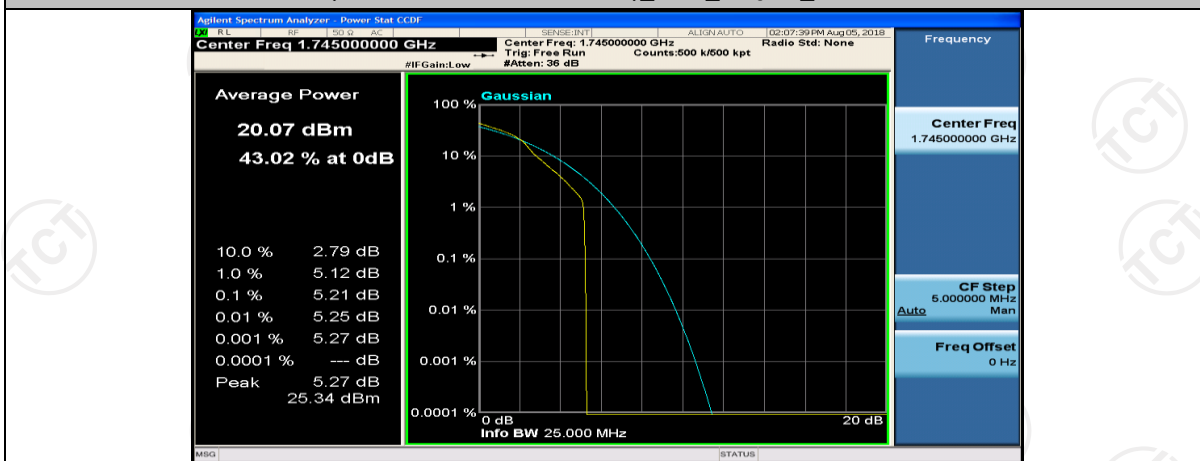
(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#50



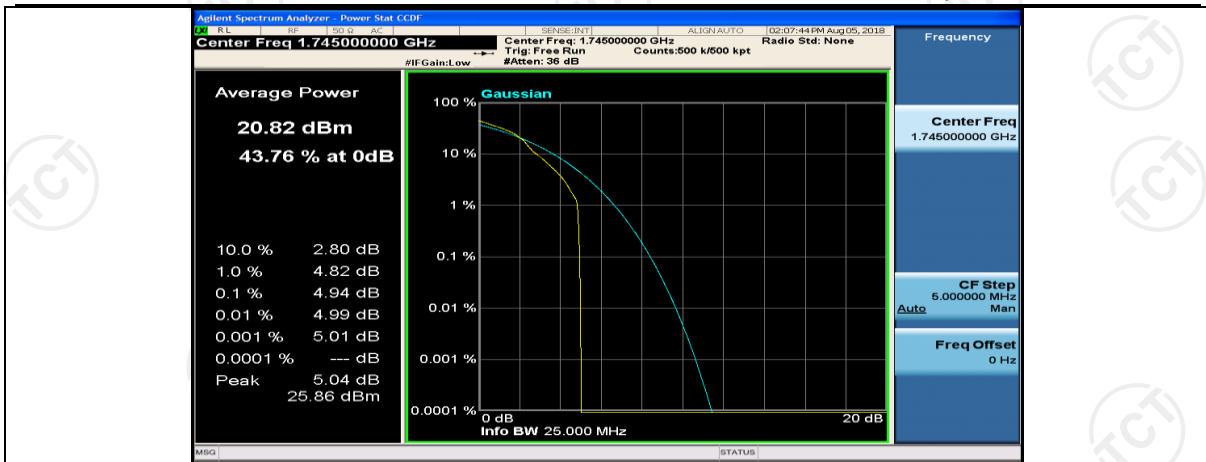
(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0



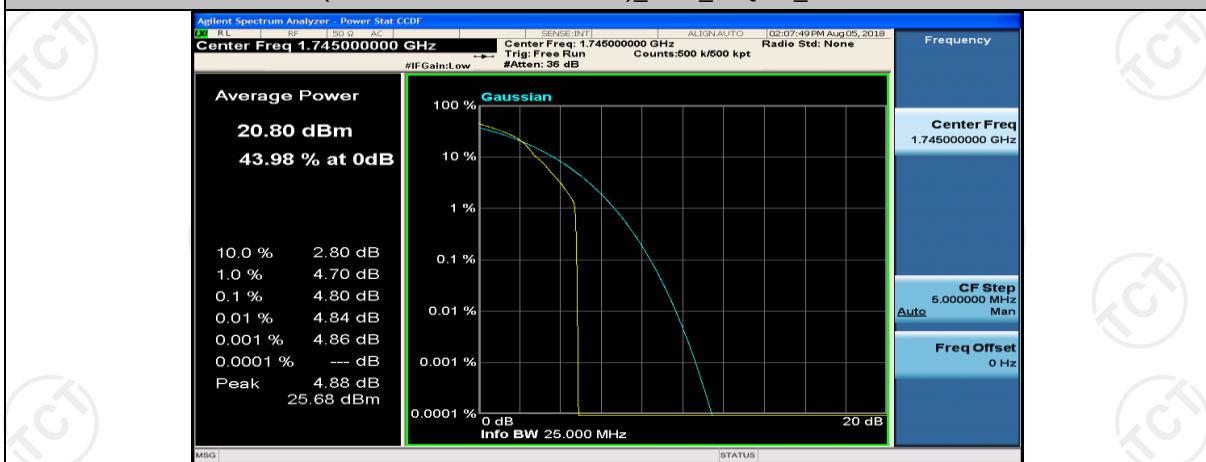
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0



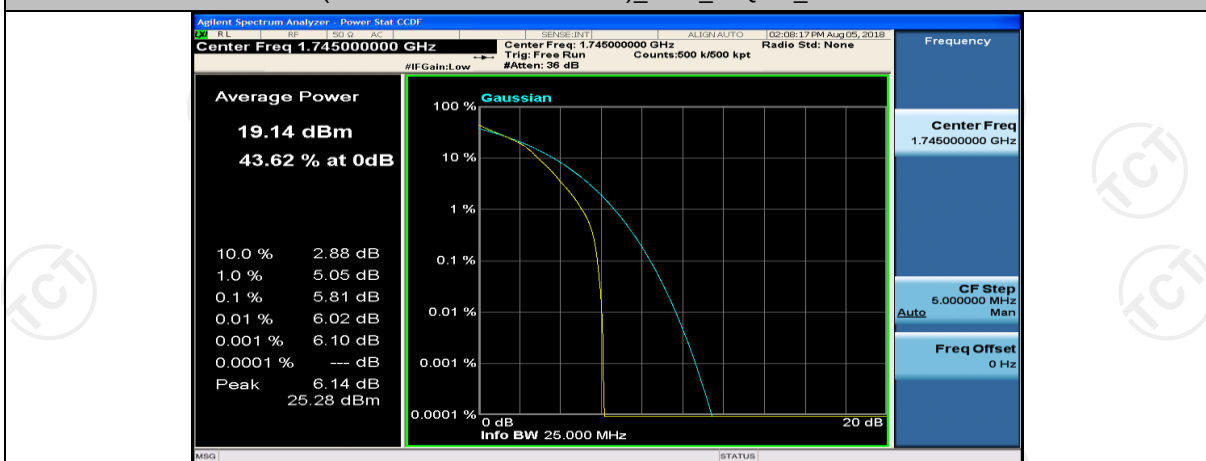
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#49



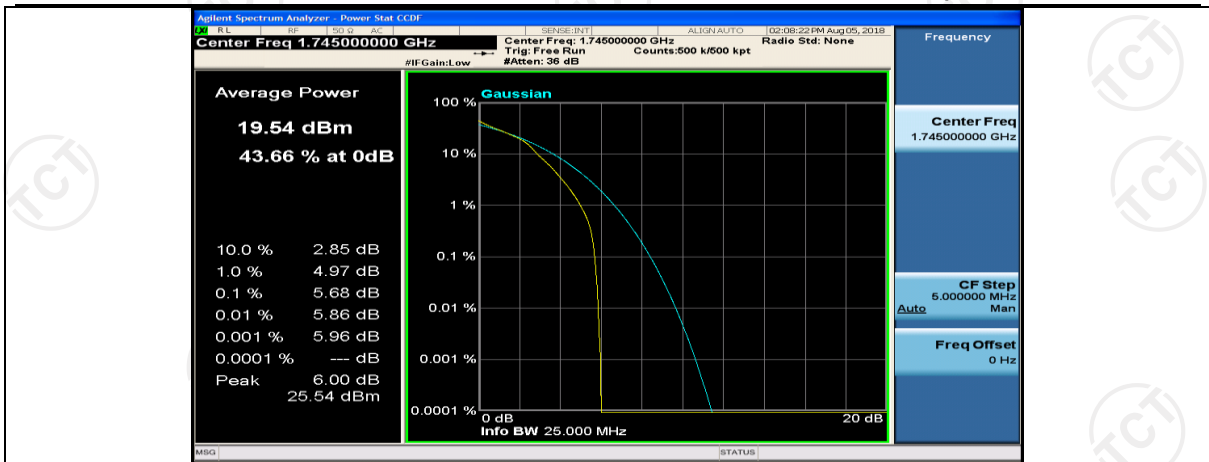
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#99



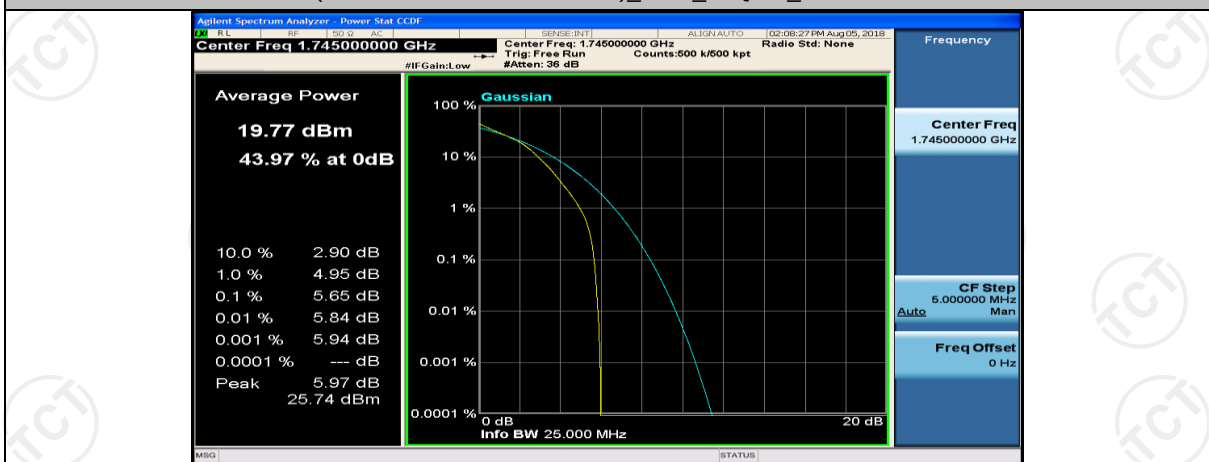
(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#0



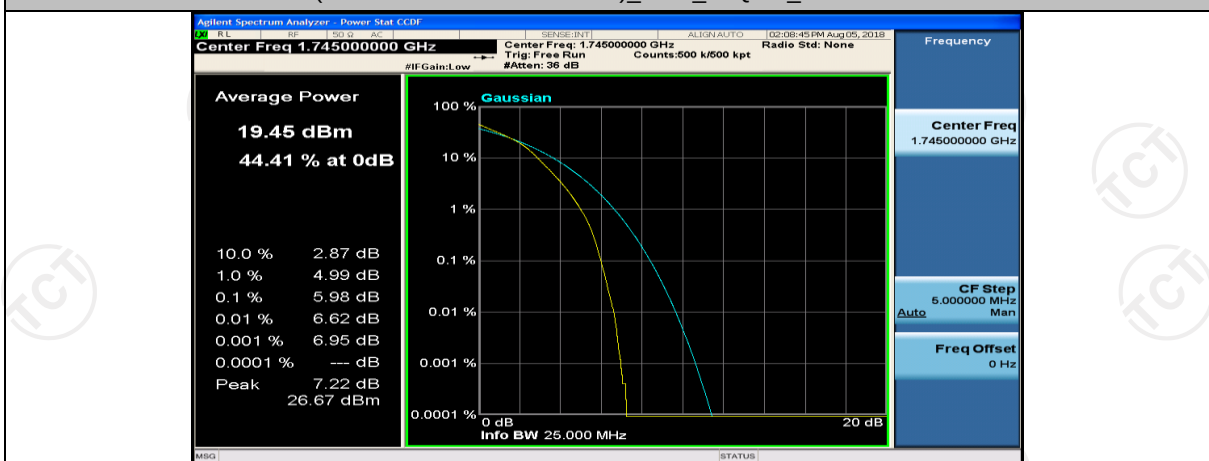
(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#25



(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#0



(Channel Bandwidth:20 MHz)_HCH_16QAM_100RB#0



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	0.21143	0.3372	PASS
		1	3	0.26277	0.4303	PASS
		1	5	0.21324	0.3375	PASS
		3	0	0.54981	0.7146	PASS
		3	2	0.55813	0.8006	PASS
		3	3	0.54960	0.7024	PASS
		6	0	1.0789	1.242	PASS
	MCH	1	0	0.21165	0.3174	PASS
		1	3	0.27636	0.4318	PASS
		1	5	0.21288	0.3263	PASS
		3	0	0.55116	0.7266	PASS
		3	2	0.55642	0.8179	PASS
		3	3	0.54831	0.7103	PASS
		6	0	1.0782	1.233	PASS
	HCH	1	0	0.21423	0.3202	PASS
		1	3	0.29885	0.5117	PASS
		1	5	0.21528	0.3249	PASS
		3	0	0.55266	0.7298	PASS
		3	2	0.55926	0.8236	PASS
		3	3	0.55022	0.7284	PASS
		6	0	1.0791	1.251	PASS
16QAM	LCH	1	0	0.22114	0.3440	PASS
		1	3	0.26798	0.4823	PASS
		1	5	0.22554	0.3330	PASS
		3	0	0.55338	0.7077	PASS
		3	2	0.56355	0.8419	PASS
		3	3	0.55344	0.7179	PASS
		6	0	1.0817	1.251	PASS
	MCH	1	0	0.22071	0.3438	PASS
		1	3	0.27610	0.4749	PASS
		1	5	0.22412	0.3481	PASS

		3	0	0.55286	0.7189	PASS
		3	2	0.56400	0.8211	PASS
		3	3	0.55512	0.7538	PASS
		6	0	1.0791	1.256	PASS
	HCH	1	0	0.22040	0.3406	PASS
		1	3	0.29614	0.4976	PASS
		1	5	0.22227	0.3284	PASS
		3	0	0.55399	0.7389	PASS
		3	2	0.56536	0.8549	PASS
		3	3	0.55521	0.7514	PASS
		6	0	1.0814	1.253	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	0.23767	0.3595	PASS
		1	7	0.32713	0.4814	PASS
		1	14	0.23136	0.3558	PASS
		8	0	1.4462	1.642	PASS
		8	4	1.4555	1.800	PASS
		8	7	1.4445	1.651	PASS
		15	0	2.6826	2.900	PASS
	MCH	1	0	0.23749	0.3490	PASS
		1	7	0.33558	0.5488	PASS
		1	14	0.23418	0.3640	PASS
		8	0	1.4438	1.648	PASS
		8	4	1.4503	1.789	PASS
		8	7	1.4454	1.654	PASS
		15	0	2.6848	2.884	PASS
	HCH	1	0	0.24177	0.3565	PASS
		1	7	0.34390	0.5830	PASS
		1	14	0.23699	0.3561	PASS
		8	0	1.4458	1.647	PASS
		8	4	1.4546	1.843	PASS
		8	7	1.4475	1.670	PASS
		15	0	2.6862	2.888	PASS
16QAM	LCH	1	0	0.23478	0.3721	PASS
		1	7	0.34126	0.5150	PASS
		1	14	0.23673	0.3528	PASS

		8	0	1.4456	1.662	PASS
		8	4	1.4565	1.819	PASS
		8	7	1.4438	1.703	PASS
		15	0	2.6877	2.914	PASS
	MCH	1	0	0.23731	0.3650	PASS
		1	7	0.33353	0.5449	PASS
		1	14	0.23622	0.3353	PASS
		8	0	1.4481	1.668	PASS
		8	4	1.4540	1.797	PASS
		8	7	1.4414	1.640	PASS
		15	0	2.6860	2.893	PASS
	HCH	1	0	0.23567	0.3753	PASS
		1	7	0.33526	0.4772	PASS
		1	14	0.23608	0.3465	PASS
		8	0	1.4466	1.677	PASS
		8	4	1.4457	1.834	PASS
		8	7	1.4516	1.661	PASS
		15	0	2.6842	2.925	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	0.28787	0.4315	PASS
		1	12	0.38702	0.5881	PASS
		1	24	0.28068	0.4202	PASS
		12	0	2.1705	2.527	PASS
		12	6	2.1802	2.645	PASS
		12	13	2.1798	2.524	PASS
		25	0	4.4765	4.827	PASS
	MCH	1	0	0.28807	0.4597	PASS
		1	12	0.37519	0.5373	PASS
		1	24	0.28707	0.4402	PASS
		12	0	2.1761	2.509	PASS
		12	6	2.1812	2.621	PASS
		12	13	2.1714	2.516	PASS
		25	0	4.4803	4.826	PASS
	HCH	1	0	0.28559	0.4447	PASS
		1	12	0.39706	0.6009	PASS
		1	24	0.28293	0.4354	PASS

		12	0	2.1774	2.519	PASS
		12	6	2.1842	2.640	PASS
		12	13	2.1725	2.555	PASS
		25	0	4.4842	4.836	PASS
16QAM	LCH	1	0	0.28770	0.4464	PASS
		1	12	0.39092	0.6075	PASS
		1	24	0.29033	0.4400	PASS
		12	0	2.1755	2.550	PASS
		12	6	2.1765	2.771	PASS
		12	13	2.1682	2.511	PASS
		25	0	4.4856	4.855	PASS
	MCH	1	0	0.28419	0.4407	PASS
		1	12	0.41051	0.5987	PASS
		1	24	0.29408	0.4634	PASS
		12	0	2.1740	2.512	PASS
		12	6	2.1756	2.631	PASS
		12	13	2.1716	2.531	PASS
		25	0	4.4796	4.827	PASS
	HCH	1	0	0.28615	0.4494	PASS
		1	12	0.40341	0.6463	PASS
		1	24	0.29389	0.4415	PASS
		12	0	2.1727	2.524	PASS
		12	6	2.1761	2.673	PASS
		12	13	2.1725	2.551	PASS
		25	0	4.4697	4.833	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	0.38997	0.5661	PASS
		1	25	0.48379	0.7275	PASS
		1	49	0.38223	0.5605	PASS
		25	0	4.5220	4.966	PASS
		25	12	4.5231	5.173	PASS
		25	25	4.5191	4.930	PASS
		50	0	8.9420	9.508	PASS
	MCH	1	0	0.38669	0.5713	PASS
		1	25	0.48873	0.7568	PASS
		1	49	0.38646	0.5627	PASS
		25	0	4.5163	4.912	PASS

		25	12	4.5344	5.170	PASS
		25	25	4.5132	4.955	PASS
		50	0	8.9460	9.542	PASS
	HCH	1	0	0.38188	0.5249	PASS
		1	25	0.50244	0.7724	PASS
		1	49	0.38419	0.5629	PASS
		25	0	4.5185	5.000	PASS
		25	12	4.5204	5.164	PASS
		25	25	4.5149	4.993	PASS
		50	0	8.9498	9.504	PASS
16QAM	LCH	1	0	0.38894	0.5639	PASS
		1	25	0.47470	0.7457	PASS
		1	49	0.38843	0.5765	PASS
		25	0	4.5100	4.964	PASS
		25	12	4.5203	5.100	PASS
		25	25	4.5126	4.980	PASS
		50	0	8.9435	9.518	PASS
	MCH	1	0	0.38043	0.5640	PASS
		1	25	0.47435	0.7864	PASS
		1	49	0.38661	0.6242	PASS
		25	0	4.5265	5.025	PASS
		25	12	4.5179	5.097	PASS
		25	25	4.5207	4.895	PASS
		50	0	8.9460	9.473	PASS
	HCH	1	0	0.38139	0.5722	PASS
		1	25	0.49171	0.7441	PASS
		1	49	0.38888	0.5486	PASS
		25	0	4.5111	4.921	PASS
		25	12	4.5125	5.115	PASS
		25	25	4.5155	4.924	PASS
		50	0	8.9343	9.493	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	0.50044	0.6997	PASS
		1	37	0.58716	0.8850	PASS
		1	74	0.48345	0.6834	PASS
		37	0	6.4722	7.017	PASS
		37	18	6.4927	7.401	PASS
		37	38	6.4890	7.039	PASS
		75	0	13.394	14.07	PASS
	MCH	1	0	0.49654	0.7311	PASS
		1	37	0.57470	0.8125	PASS
		1	74	0.48704	0.6969	PASS
		37	0	6.4898	7.049	PASS
		37	18	6.4935	7.293	PASS
		37	38	6.4999	7.114	PASS
		75	0	13.409	14.13	PASS
	HCH	1	0	0.50169	0.7341	PASS
		1	37	0.58520	0.8376	PASS
		1	74	0.49521	0.7148	PASS
		37	0	6.4805	7.071	PASS
		37	18	6.4986	7.429	PASS
		37	38	6.4939	7.072	PASS
		75	0	13.391	13.98	PASS
16QAM	LCH	1	0	0.50114	0.7483	PASS
		1	37	0.57655	0.8617	PASS
		1	74	0.49159	0.7138	PASS
		37	0	6.4884	7.094	PASS
		37	18	6.4963	7.251	PASS
		37	38	6.4895	7.161	PASS
		75	0	13.392	14.00	PASS
	MCH	1	0	0.50601	0.7218	PASS
		1	37	0.57982	0.8710	PASS
		1	74	0.50320	0.7367	PASS
		37	0	6.4894	7.003	PASS
		37	18	6.5019	7.355	PASS
		37	38	6.4847	7.066	PASS
		75	0	13.407	14.07	PASS
	HCH	1	0	0.49517	0.6881	PASS

		1	37	0.59642	0.7915	PASS
		1	74	0.49067	0.7266	PASS
		37	0	6.4916	7.067	PASS
		37	18	6.4934	7.402	PASS
		37	38	6.4864	7.140	PASS
		75	0	13.395	14.05	PASS

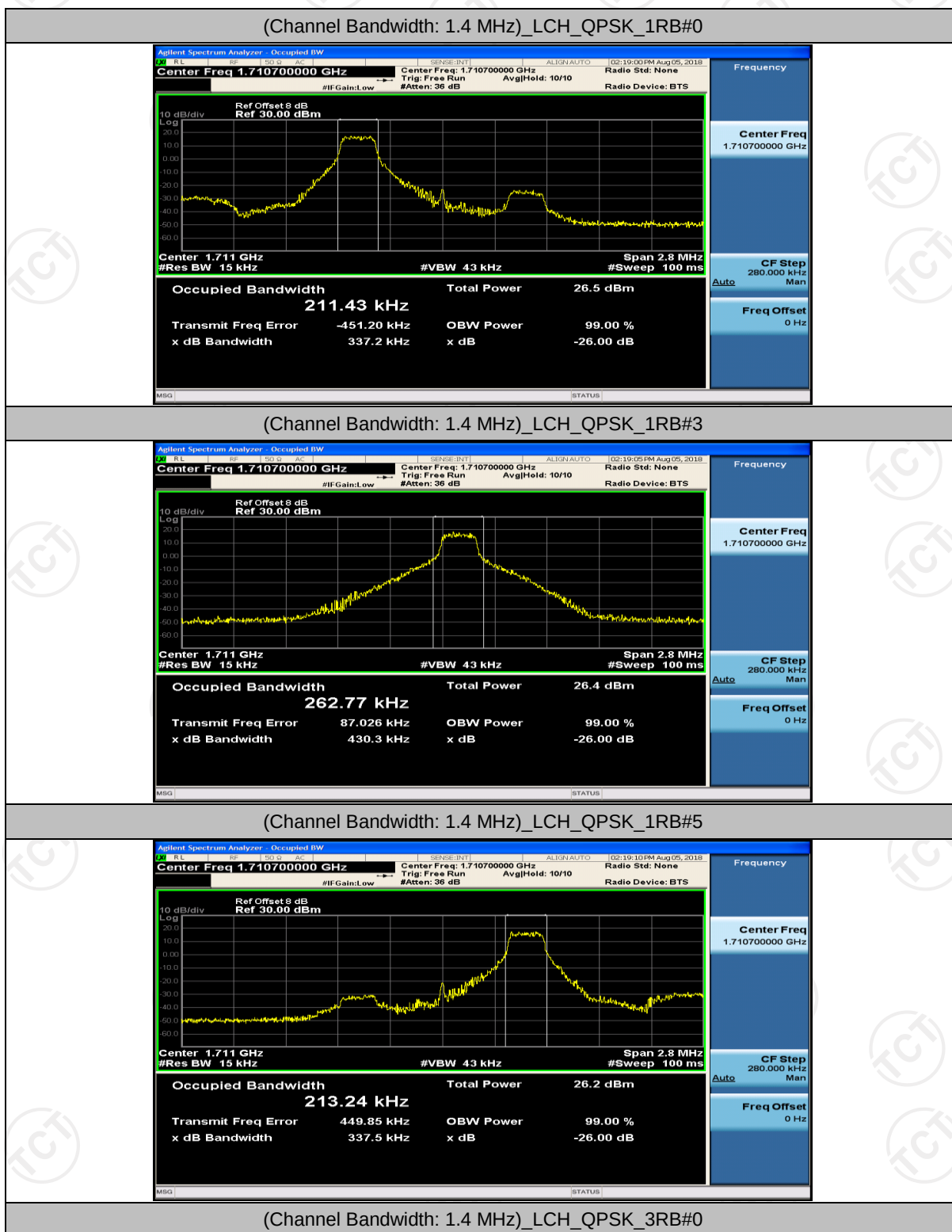
Channel Bandwidth: 20 MHz

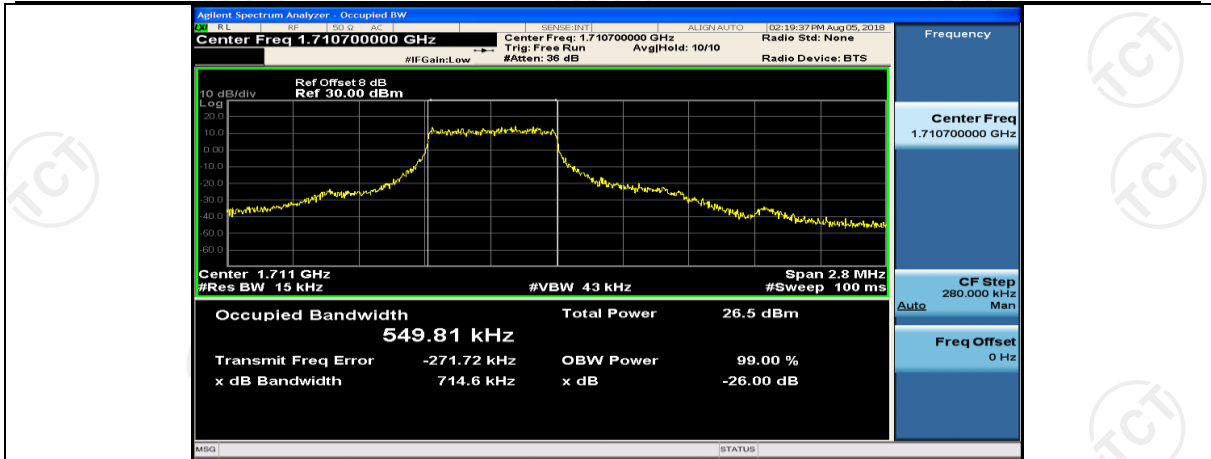
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.57167	0.8809	PASS
		1	50	0.65098	0.9275	PASS
		1	99	0.57540	0.8344	PASS
		50	0	9.0023	9.679	PASS
		50	25	8.9945	9.803	PASS
		50	50	8.9946	9.753	PASS
		100	0	17.860	18.57	PASS
	MCH	1	0	0.57579	0.8405	PASS
		1	50	0.65300	0.9553	PASS
		1	99	0.57681	0.8315	PASS
		50	0	8.9915	9.707	PASS
		50	25	9.0037	10.02	PASS
		50	50	9.0047	9.645	PASS
		100	0	17.871	18.70	PASS
	HCH	1	0	0.56378	0.7951	PASS
		1	50	0.64798	0.9520	PASS
		1	99	0.58448	0.8109	PASS
		50	0	8.9817	9.606	PASS
		50	25	8.9889	9.909	PASS
		50	50	8.9944	9.760	PASS
		100	0	17.841	18.60	PASS
16QAM	LCH	1	0	0.57658	0.8063	PASS
		1	50	0.64821	0.9498	PASS
		1	99	0.57274	0.8135	PASS
		50	0	8.9818	9.695	PASS
		50	25	8.9906	9.855	PASS
		50	50	9.0108	9.676	PASS
		100	0	17.865	18.65	PASS

	MCH	1	0	0.57103	0.8252	PASS
		1	50	0.65215	0.9579	PASS
		1	99	0.57239	0.8324	PASS
		50	0	8.9967	9.717	PASS
		50	25	8.9967	9.858	PASS
		50	50	8.9992	9.670	PASS
		100	0	17.878	18.63	PASS
	HCH	1	0	0.58046	0.8325	PASS
		1	50	0.64474	0.8976	PASS
		1	99	0.55520	0.8158	PASS
		50	0	8.9889	9.653	PASS
		50	25	8.9985	9.846	PASS
		50	50	8.9930	9.741	PASS
		100	0	17.849	18.62	PASS

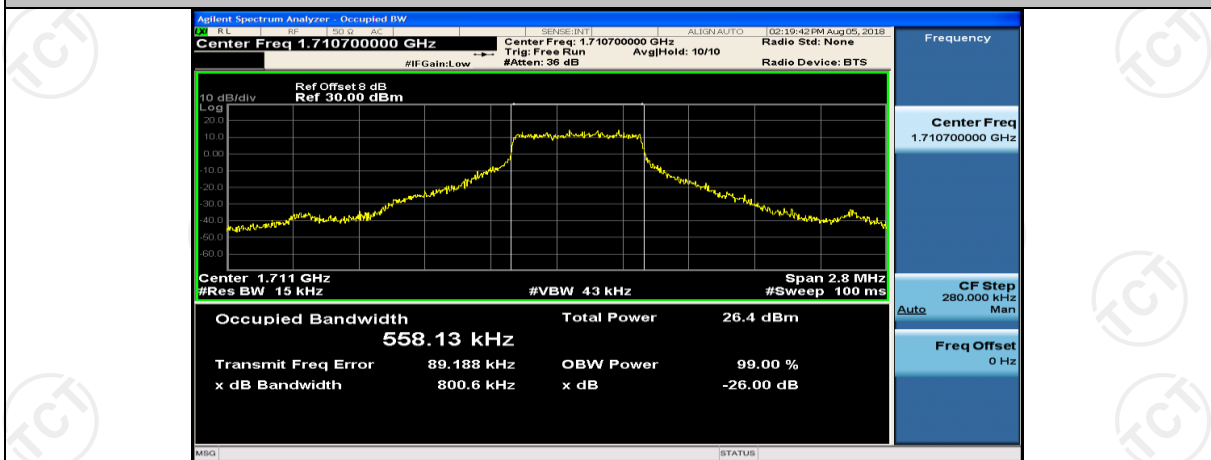
Test Graphs

Channel Bandwidth: 1.4 MHz

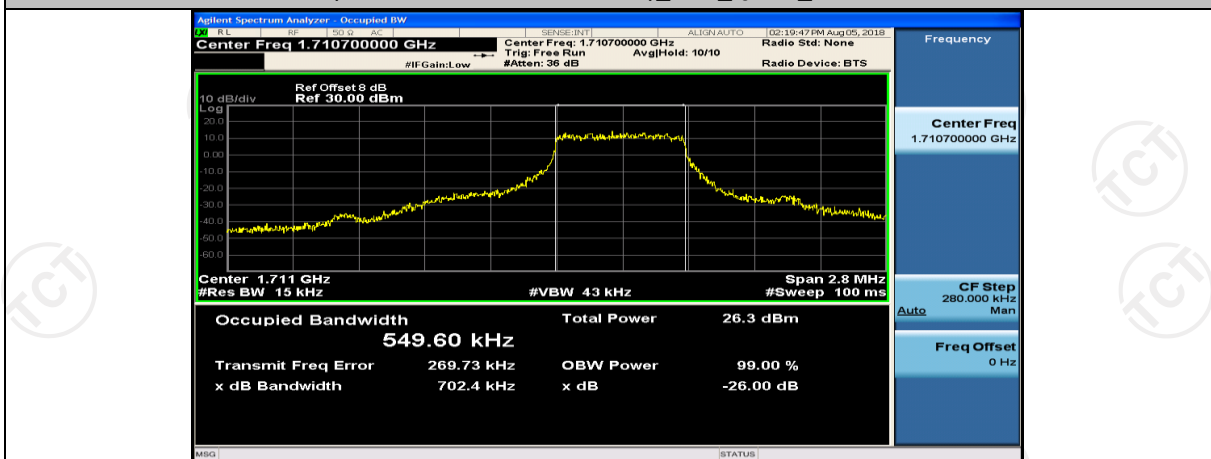




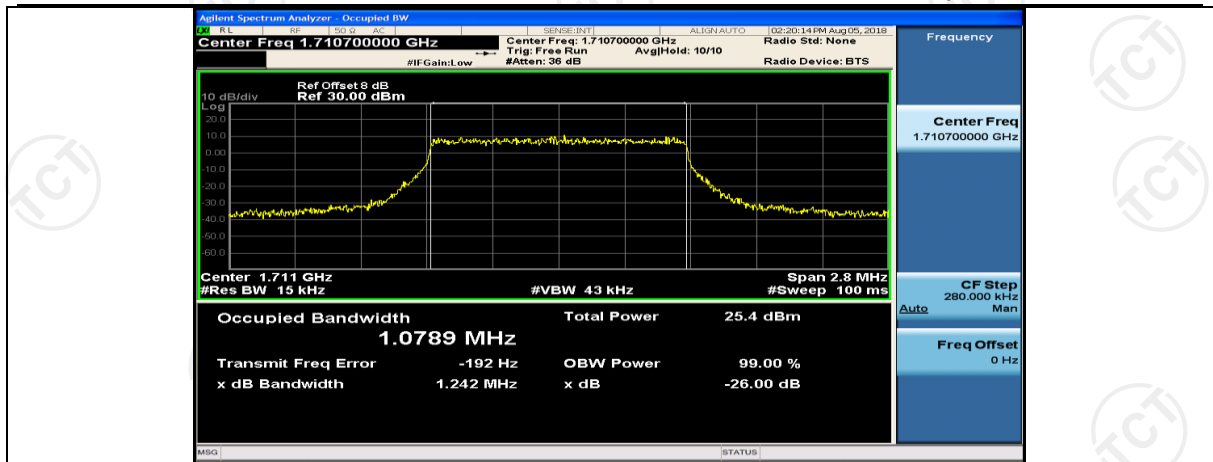
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2



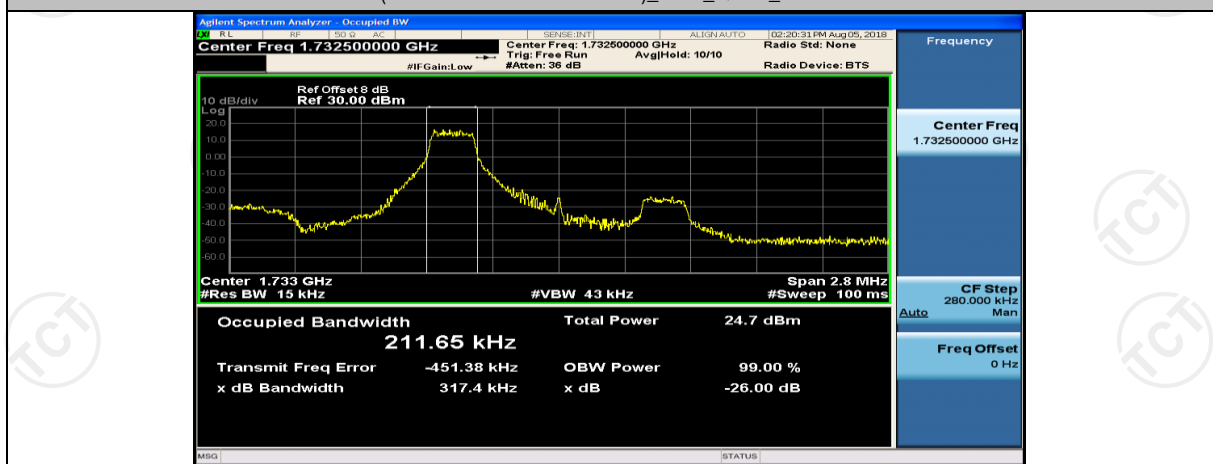
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#3



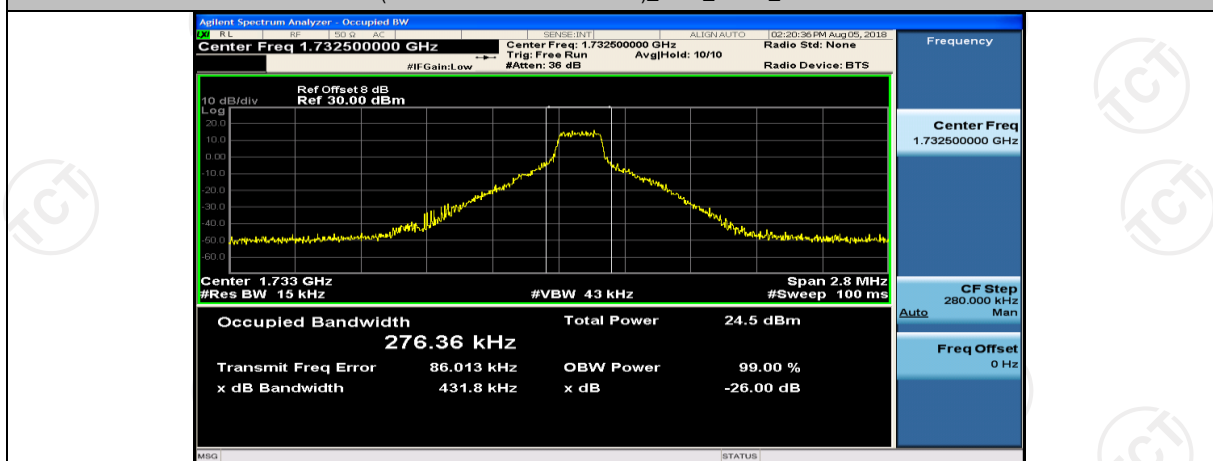
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



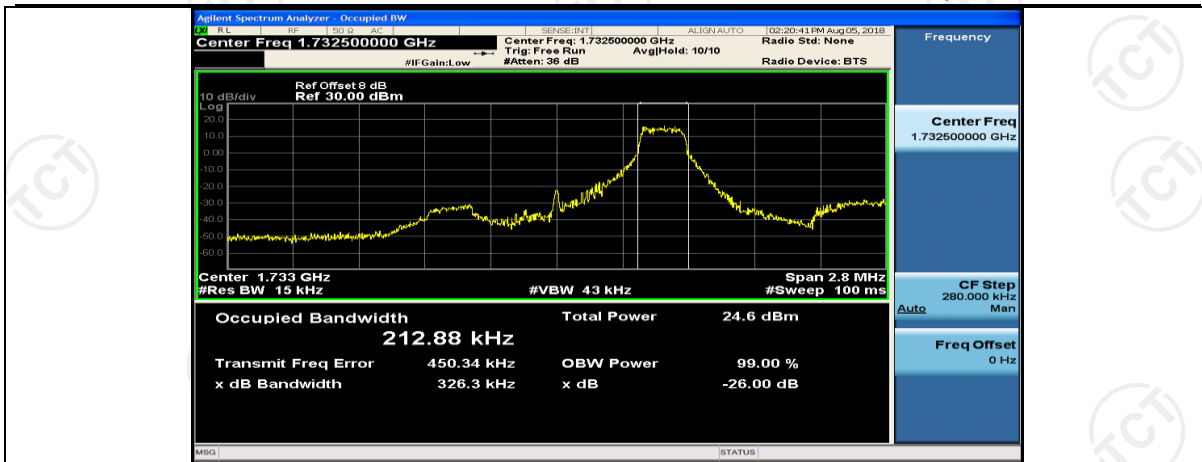
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



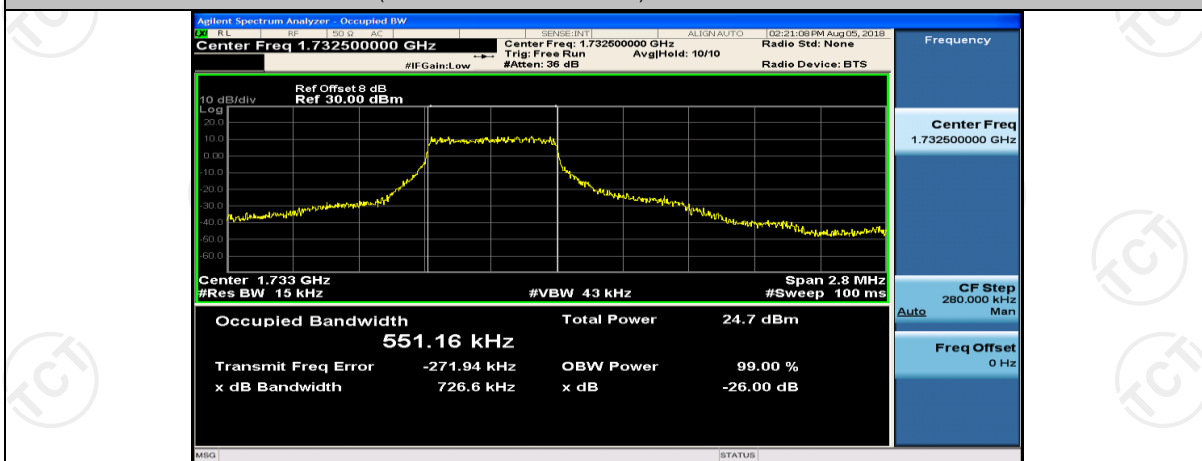
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



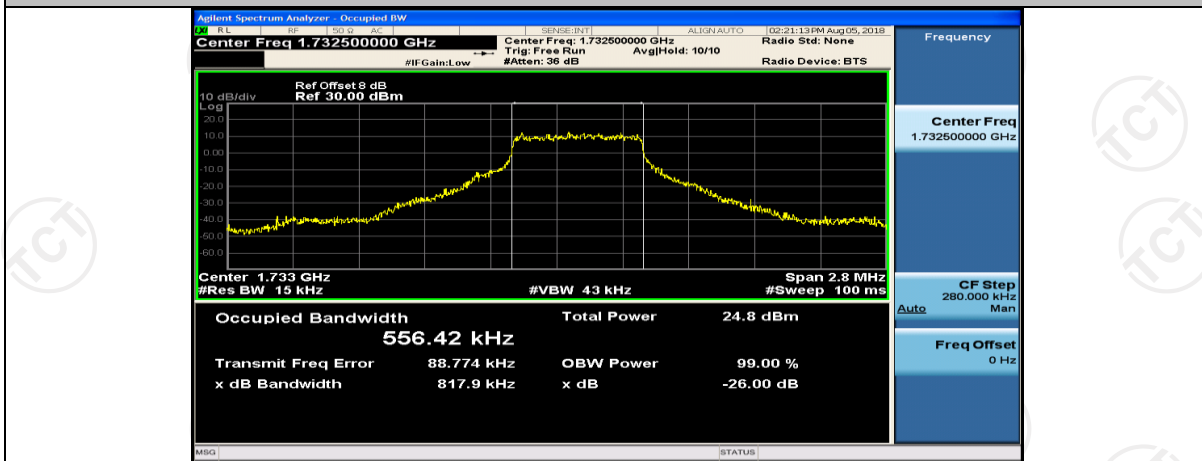
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5



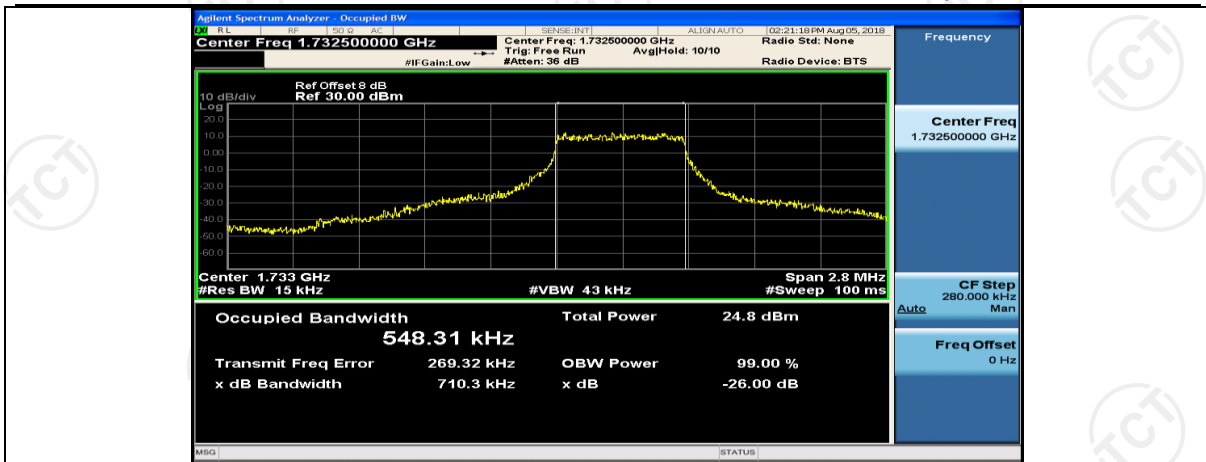
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#0



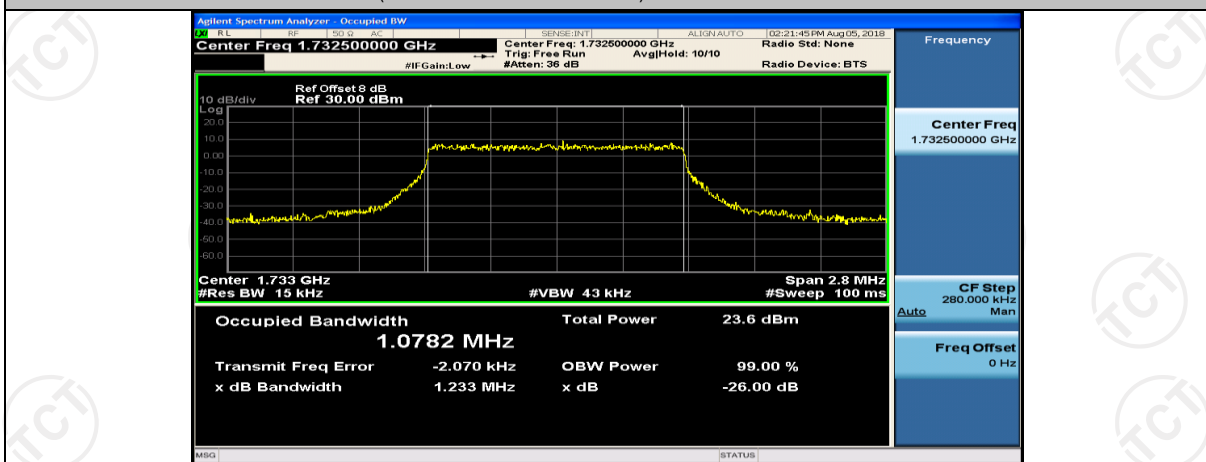
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#2



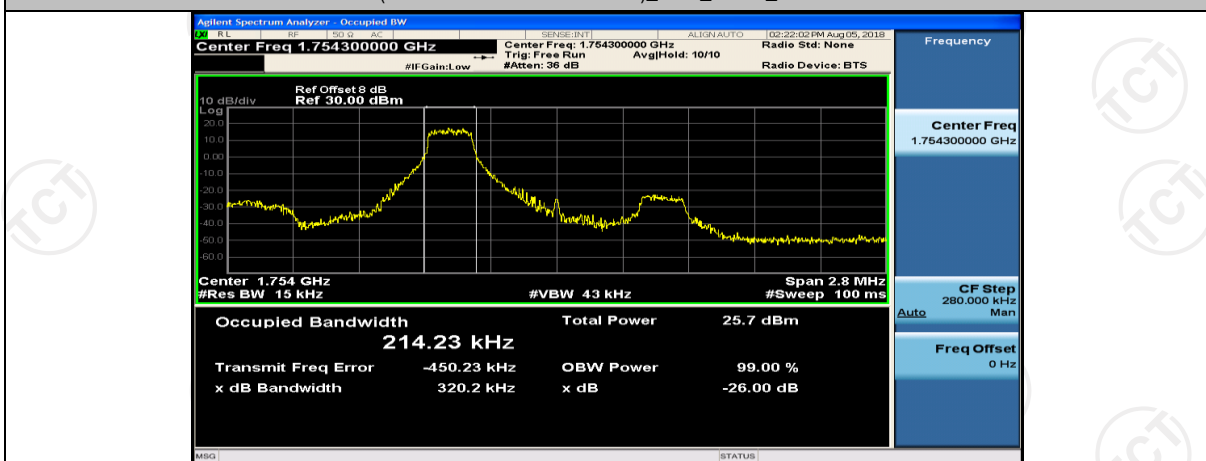
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#3



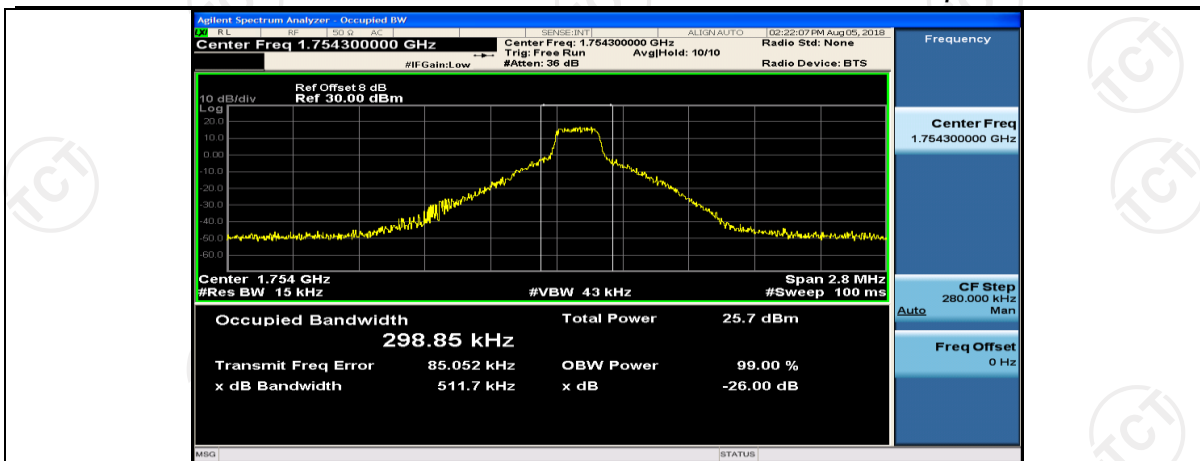
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



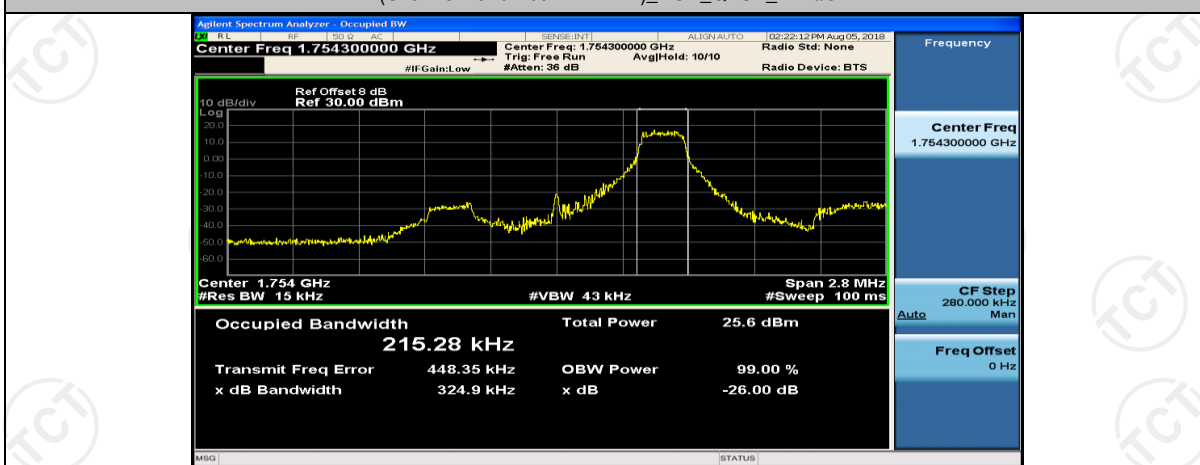
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



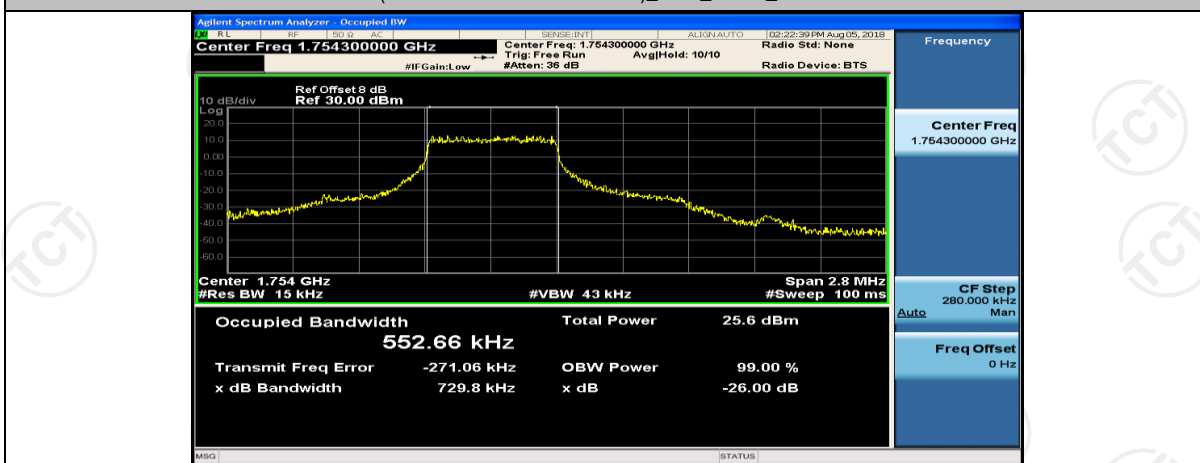
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3



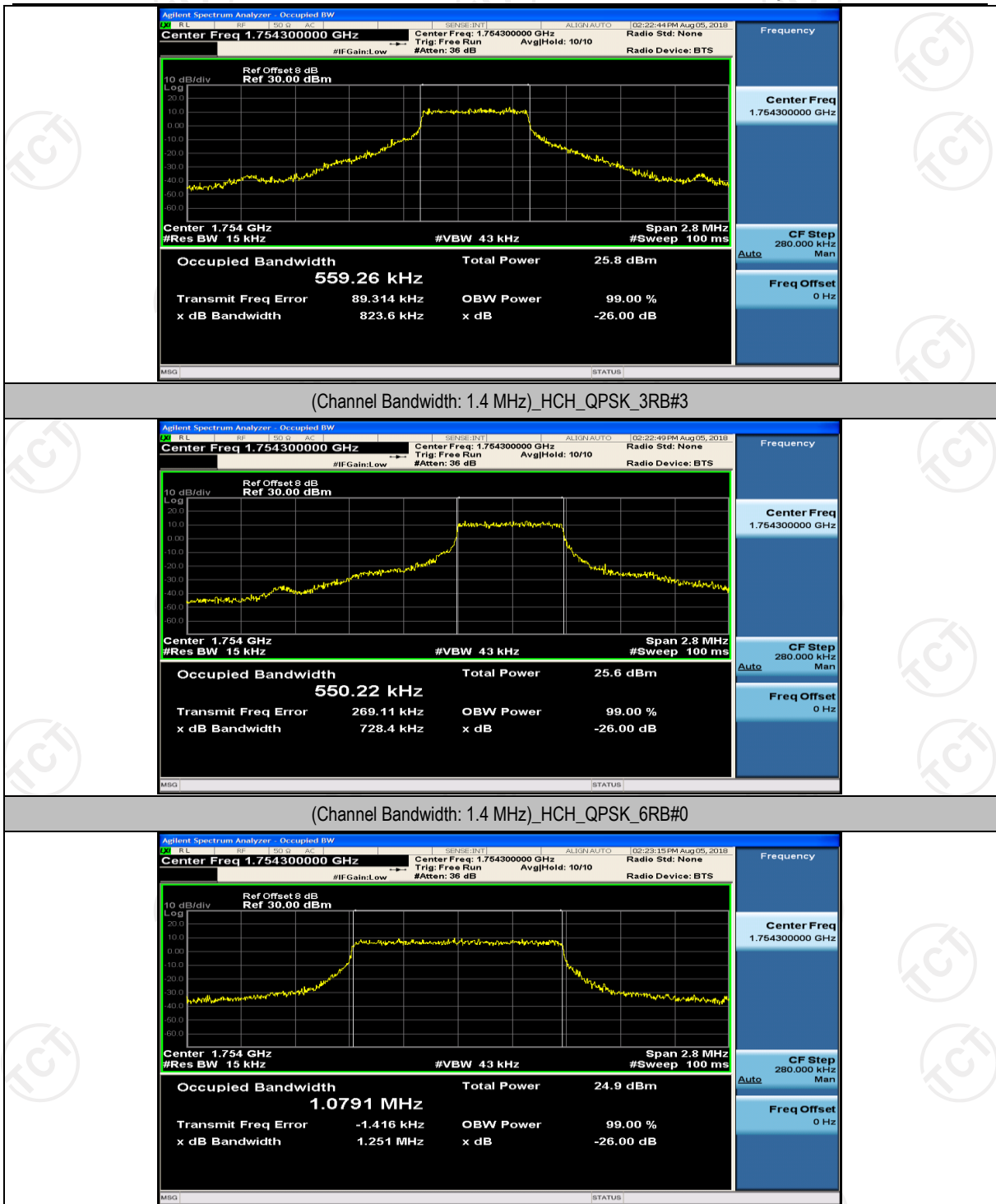
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



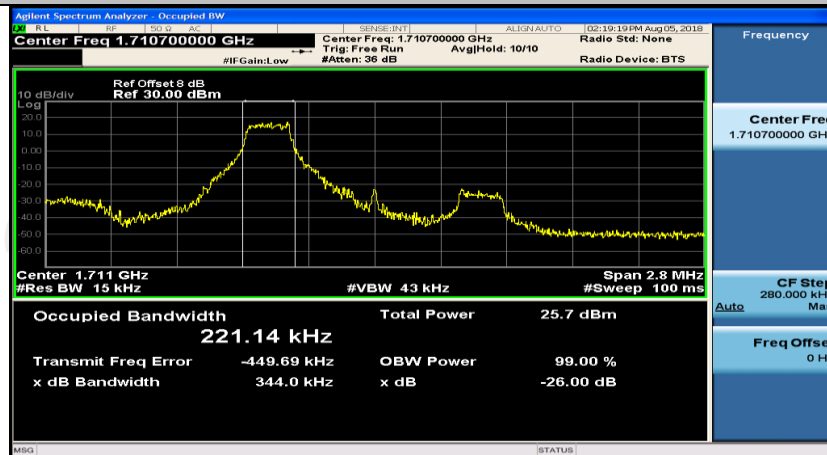
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0



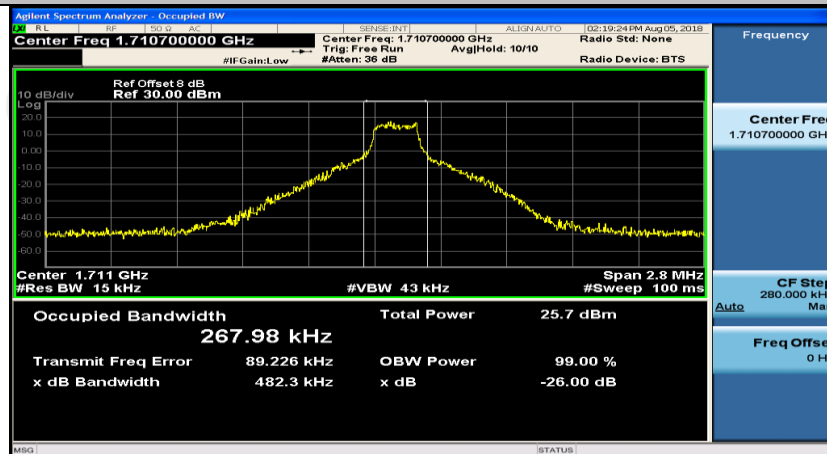
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2



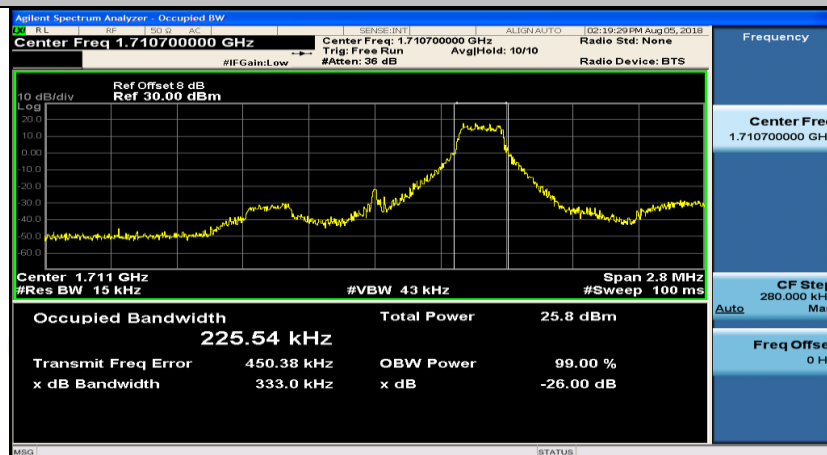
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



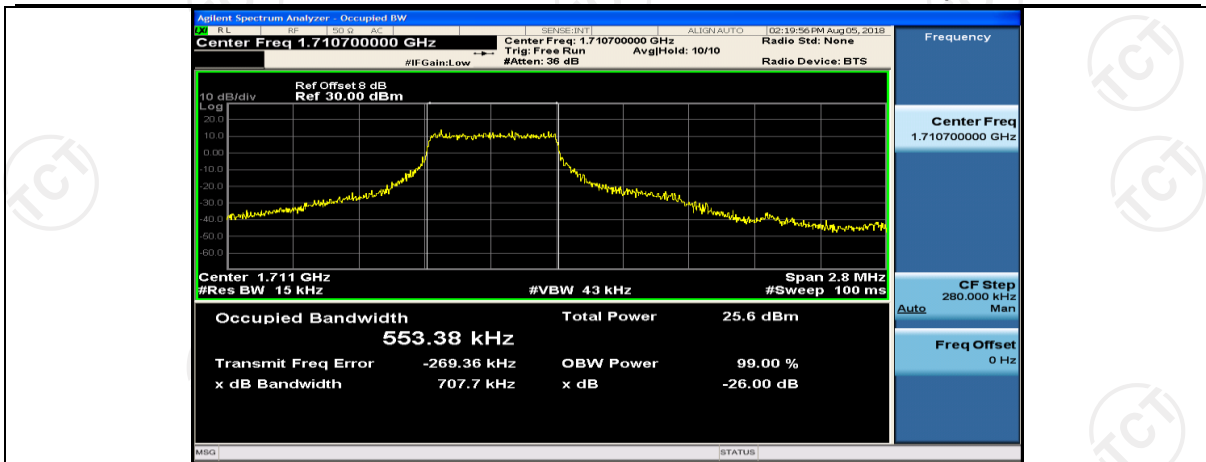
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



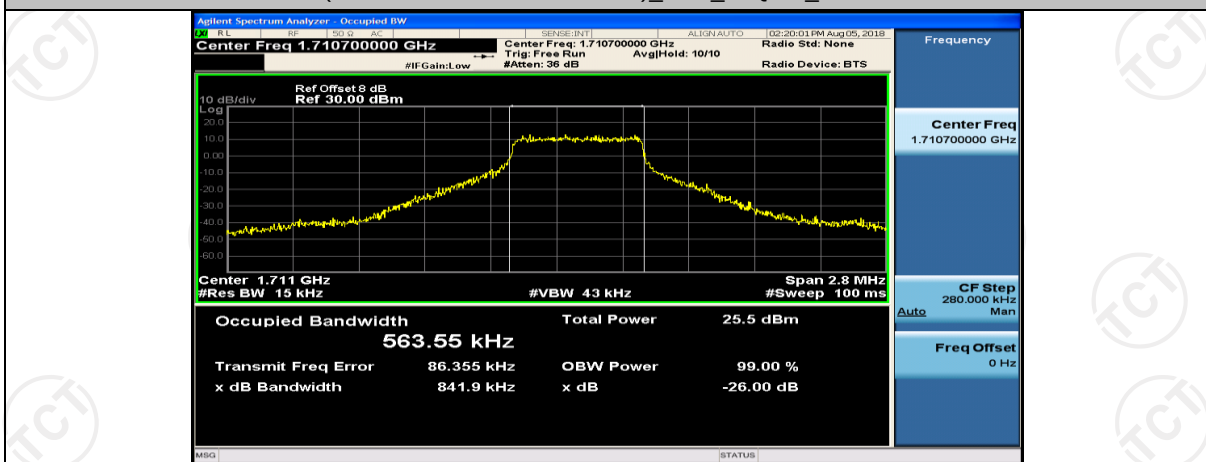
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5



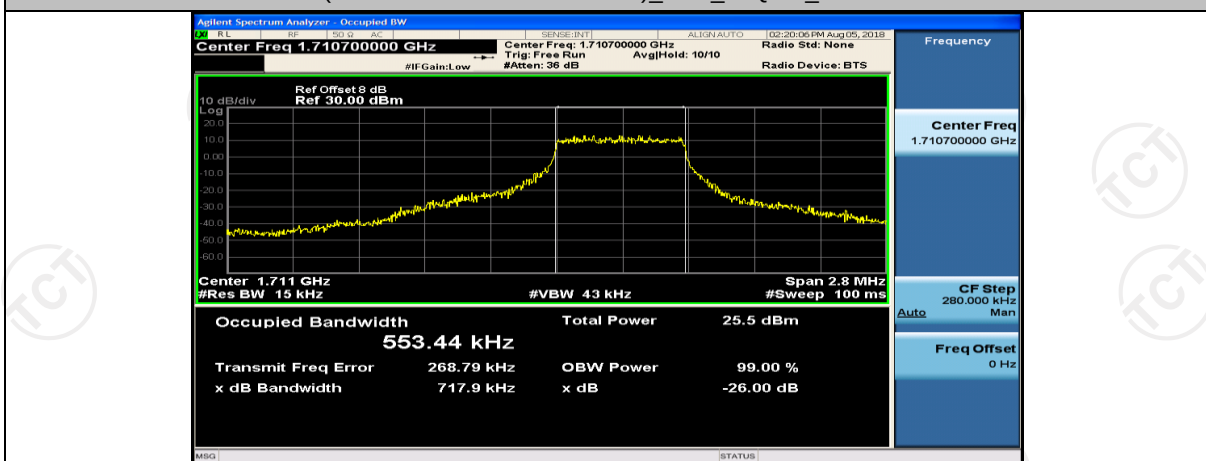
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0



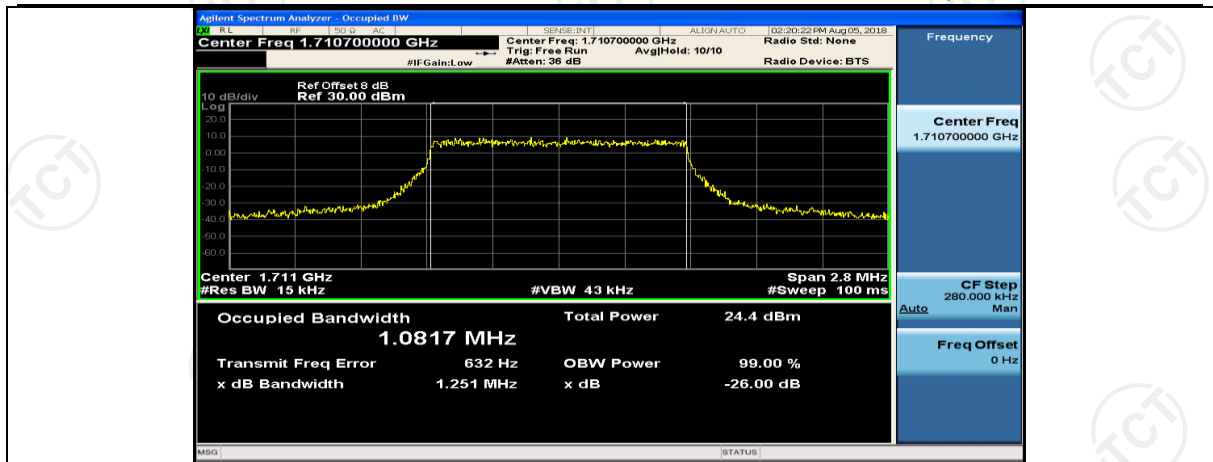
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#2



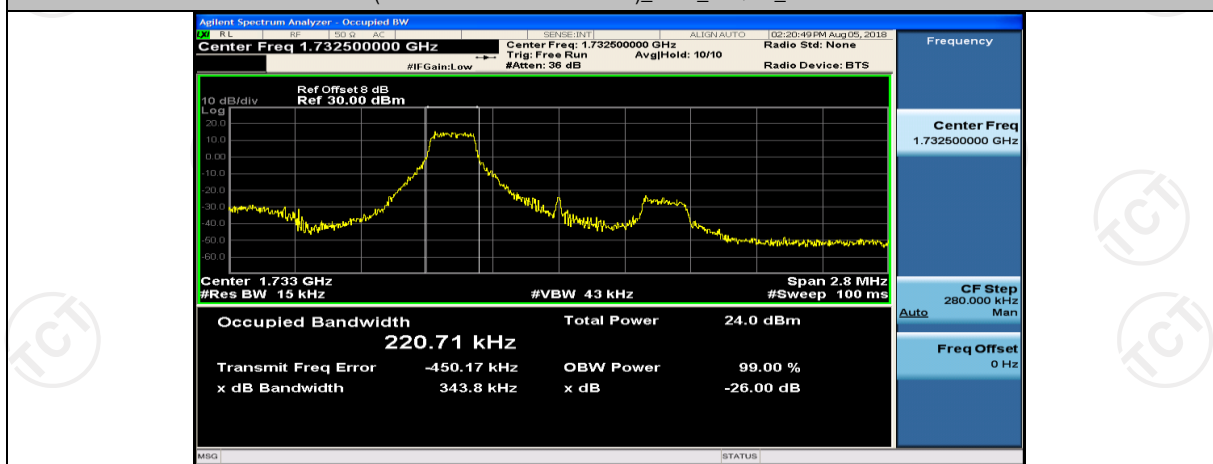
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3



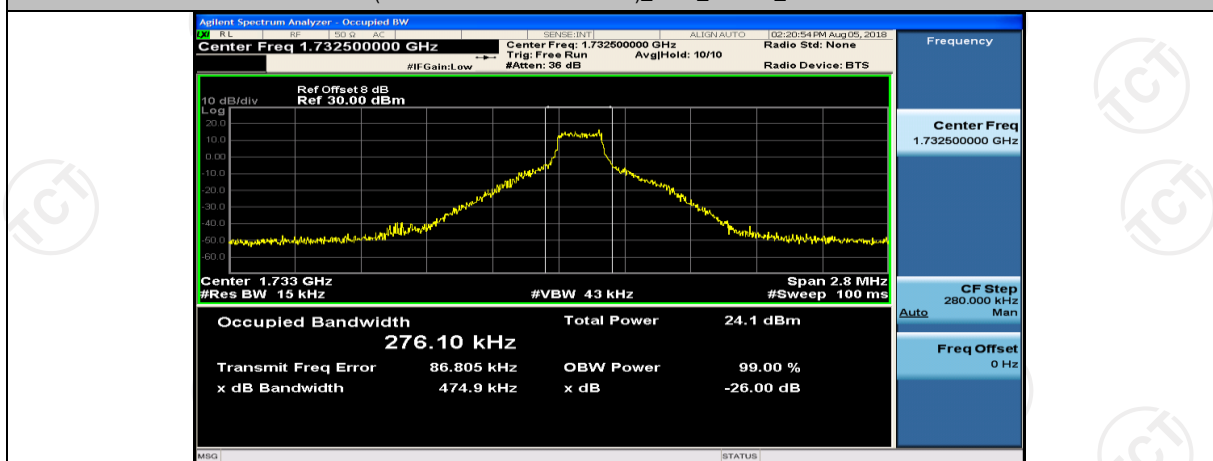
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



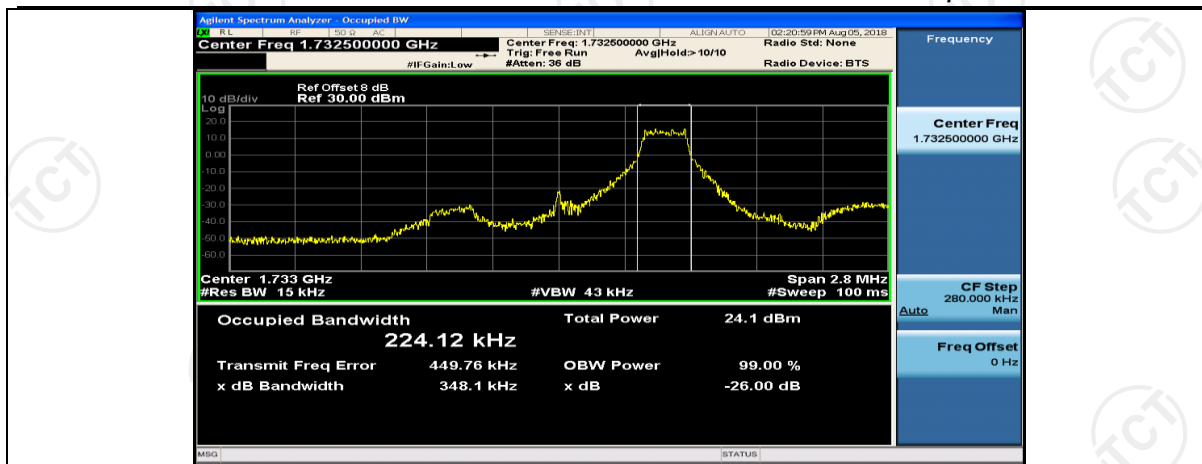
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0



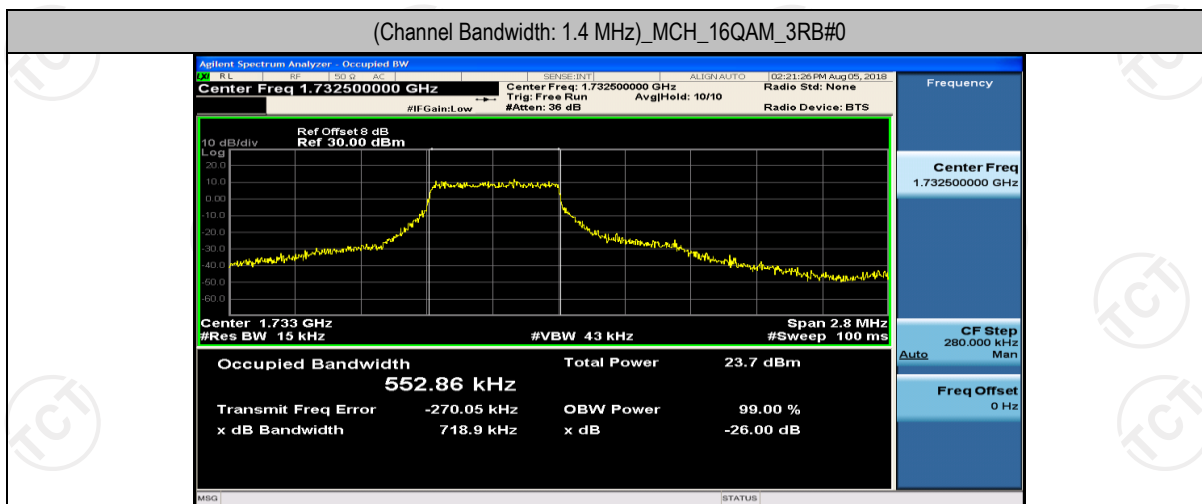
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3



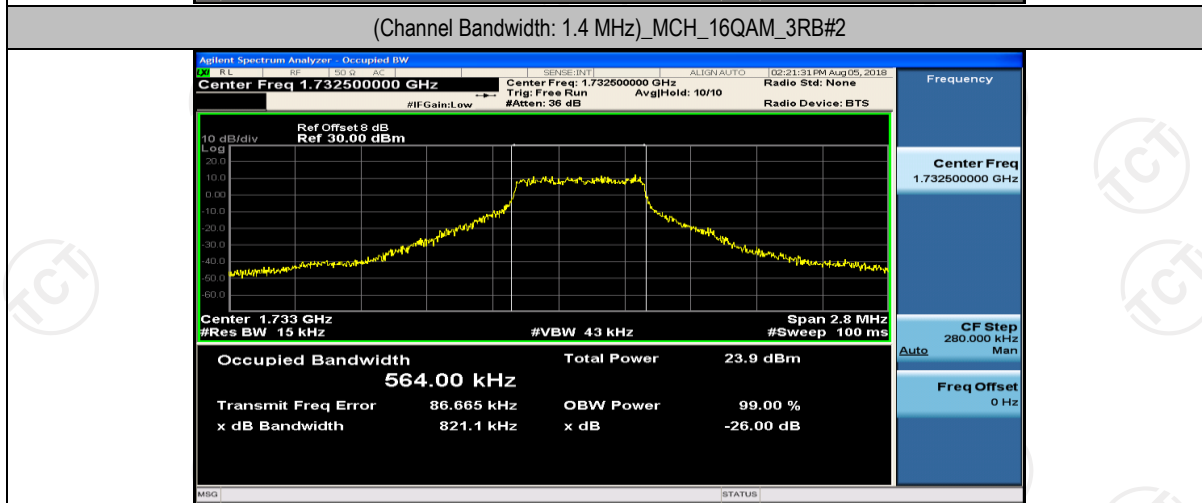
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5



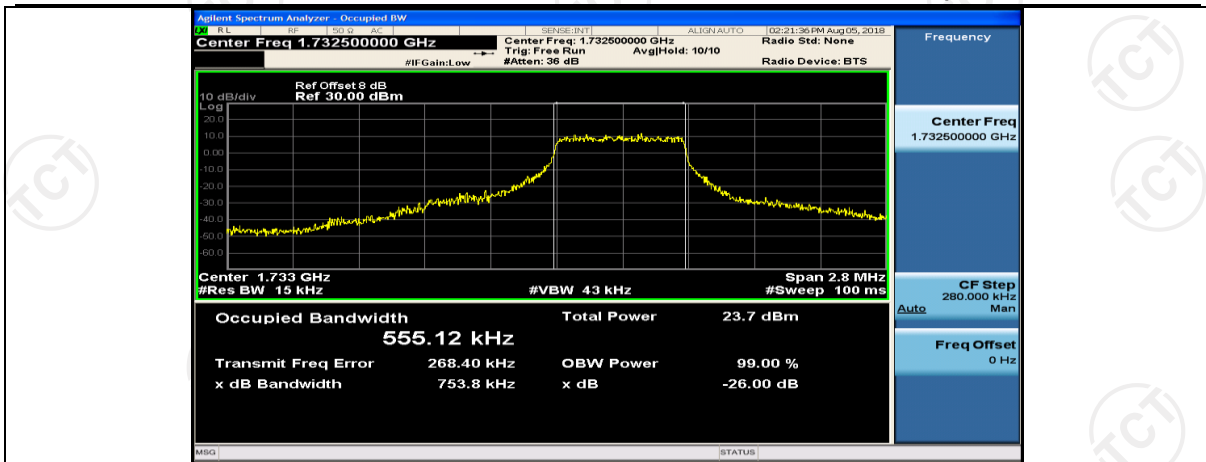
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#0



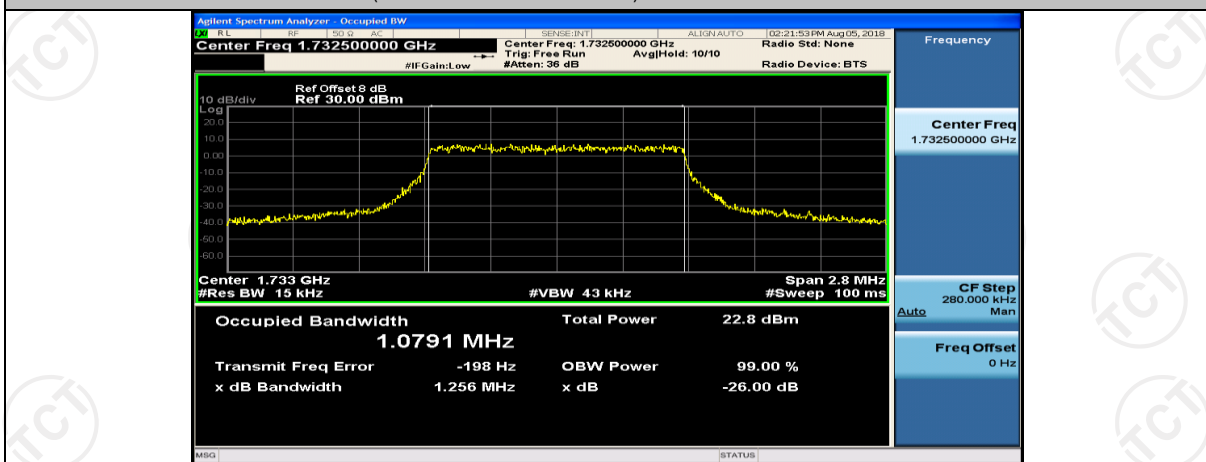
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#2



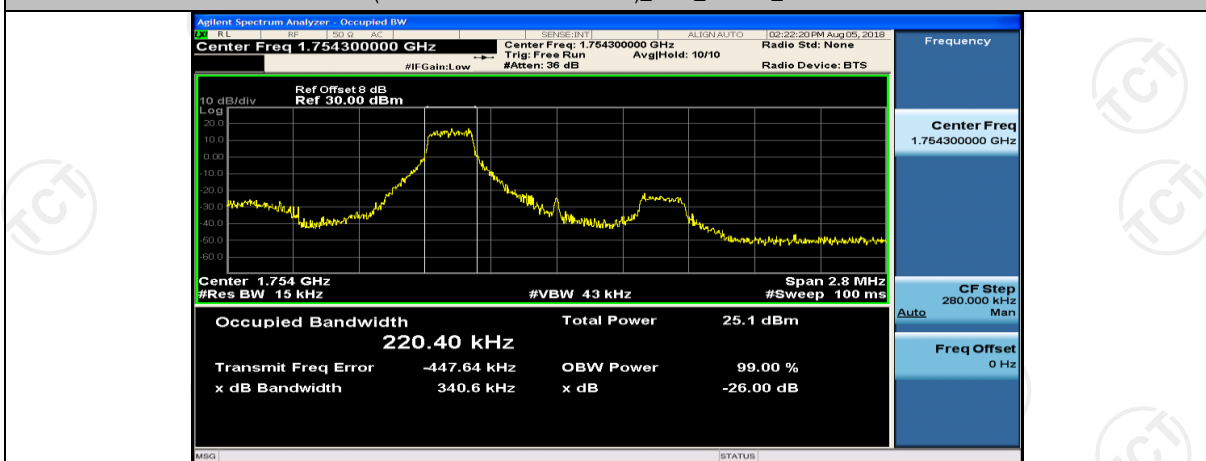
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#3



(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