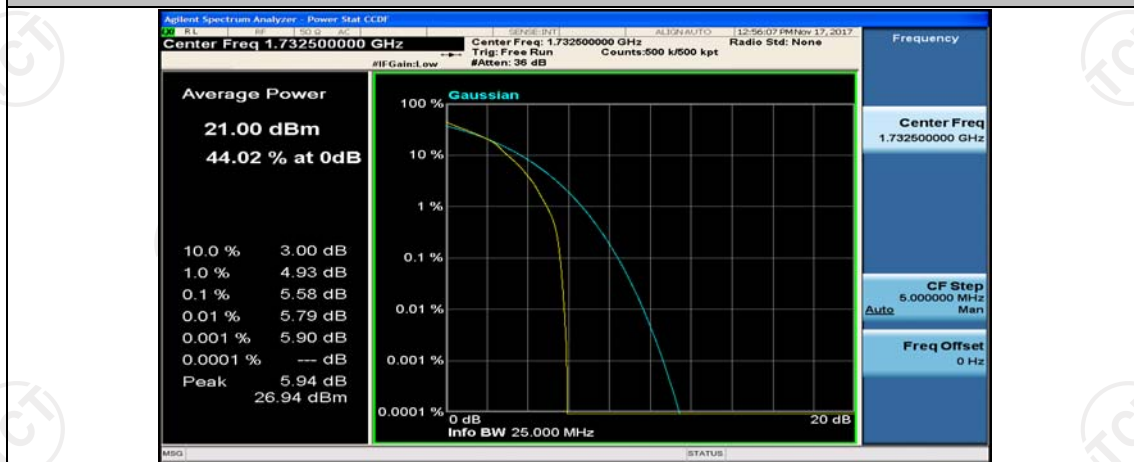
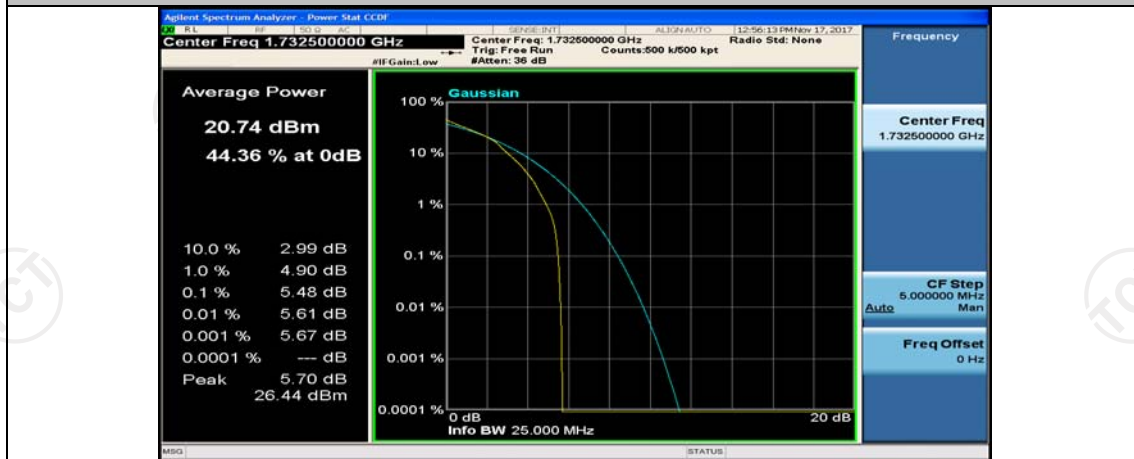




(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#0



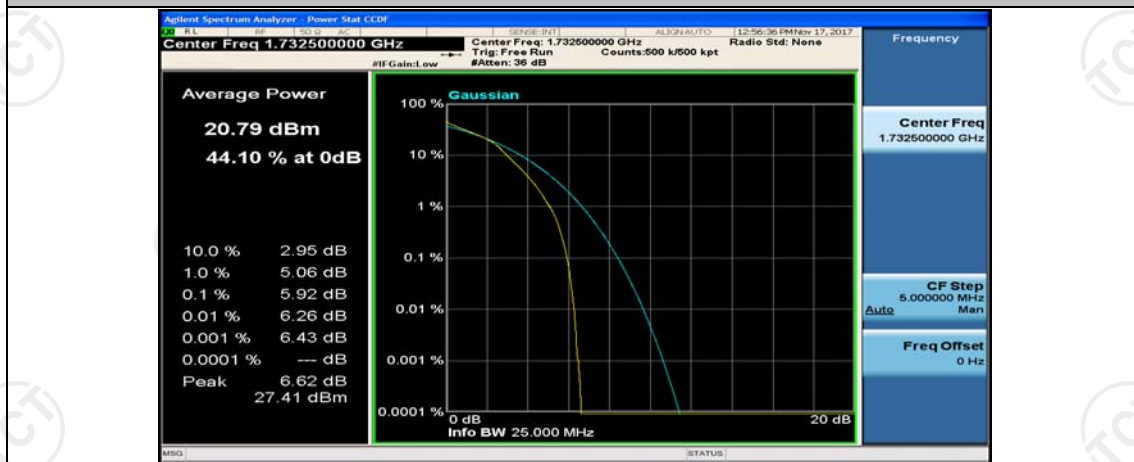
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#18



(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#38



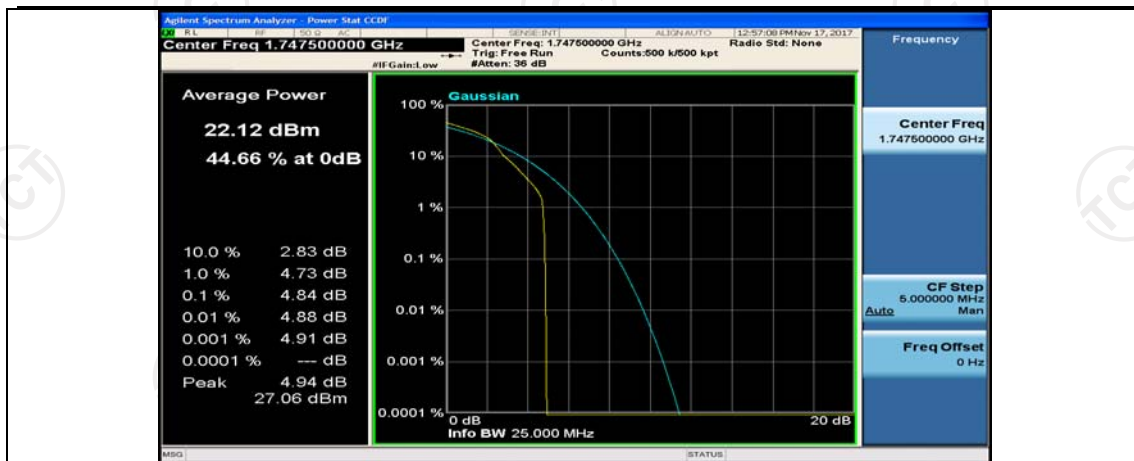
(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0



(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0



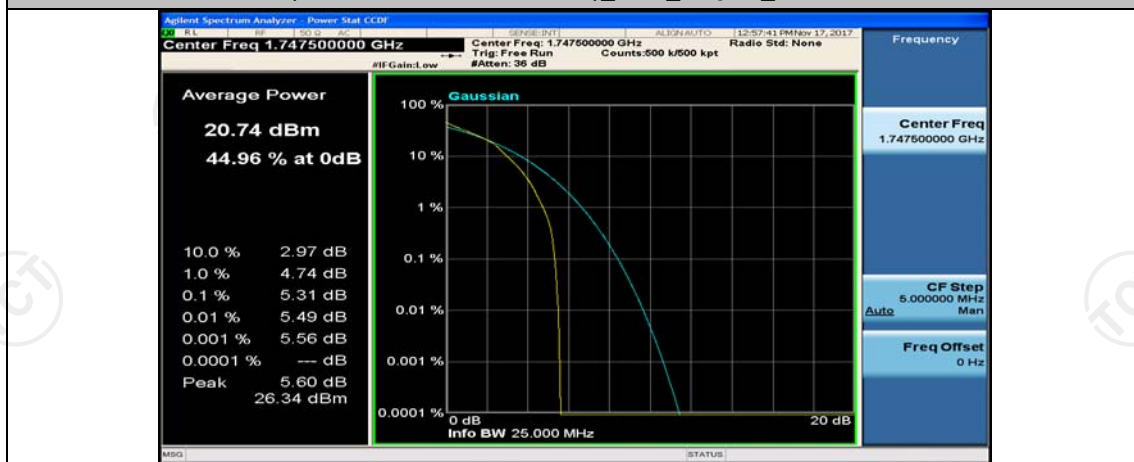
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37



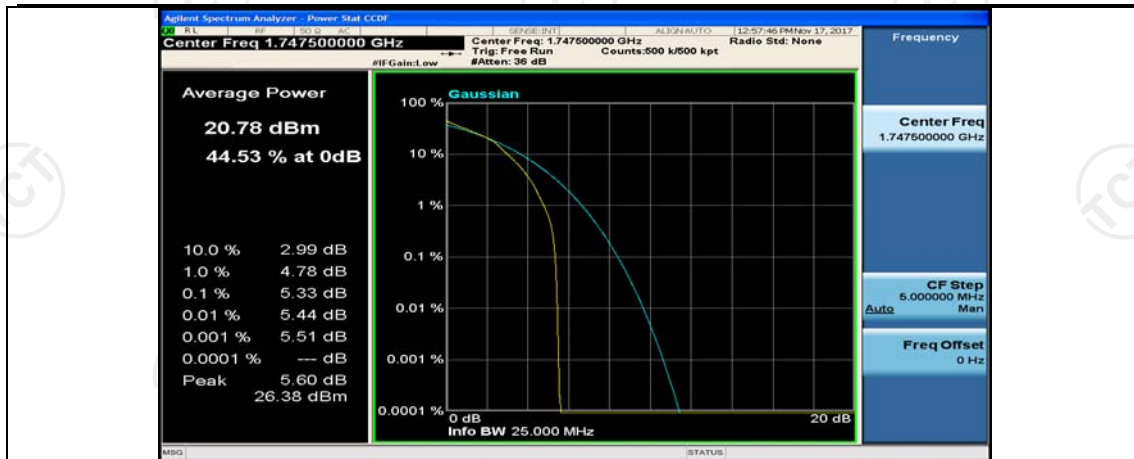
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#74



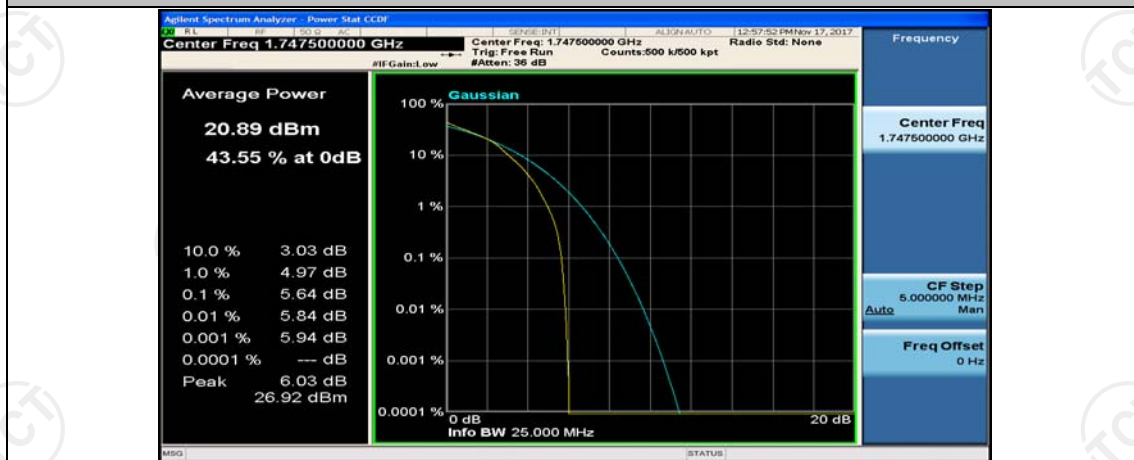
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#0



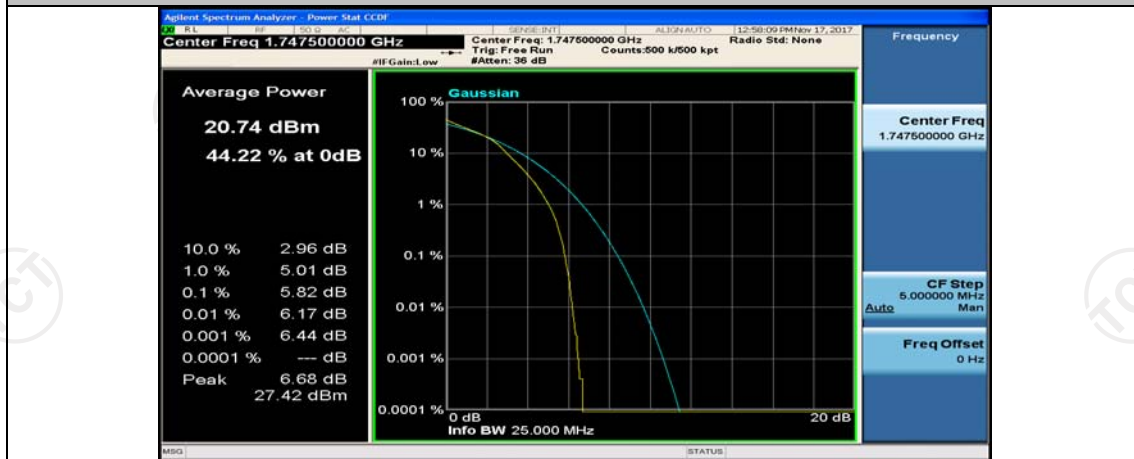
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#18



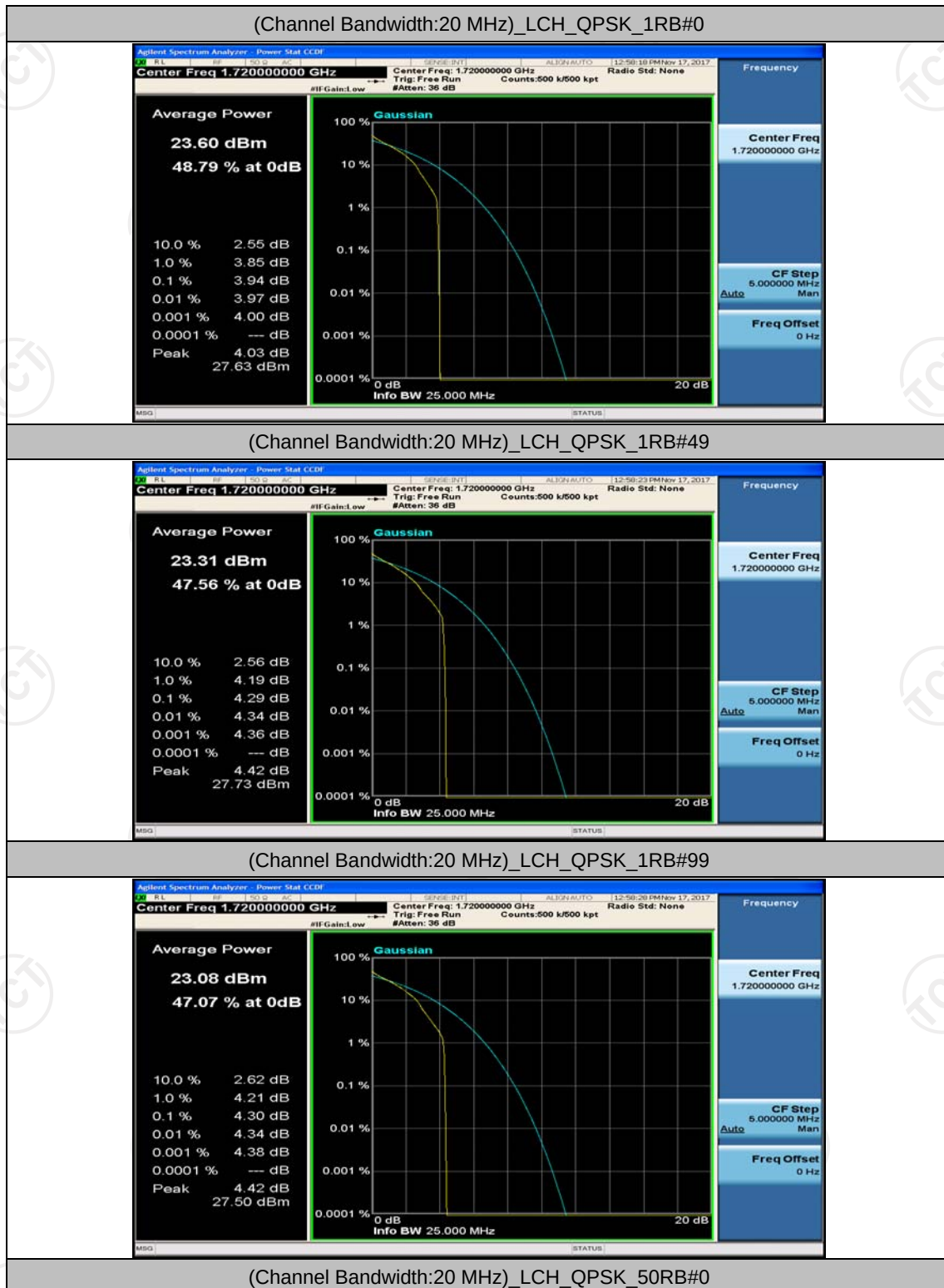
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#38



(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0

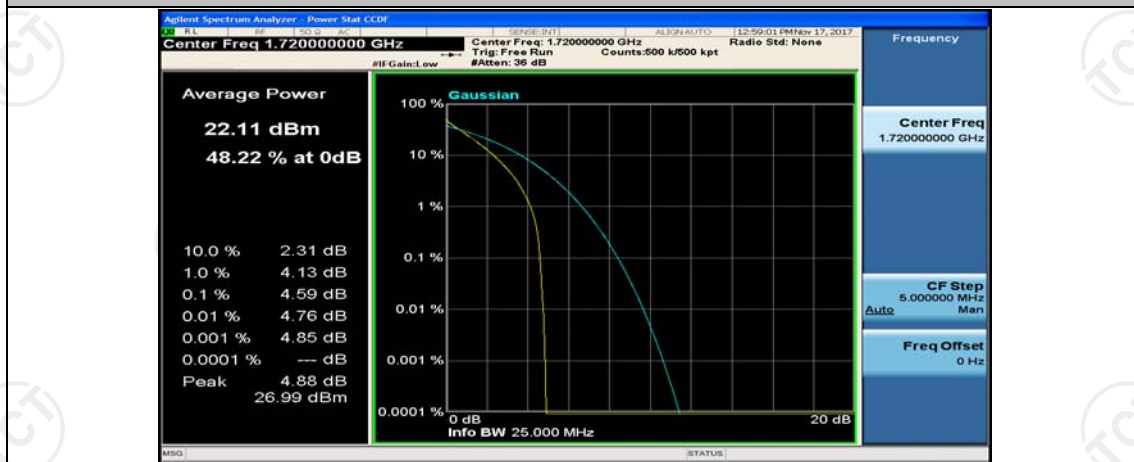


Channel Bandwidth: 20 MHz





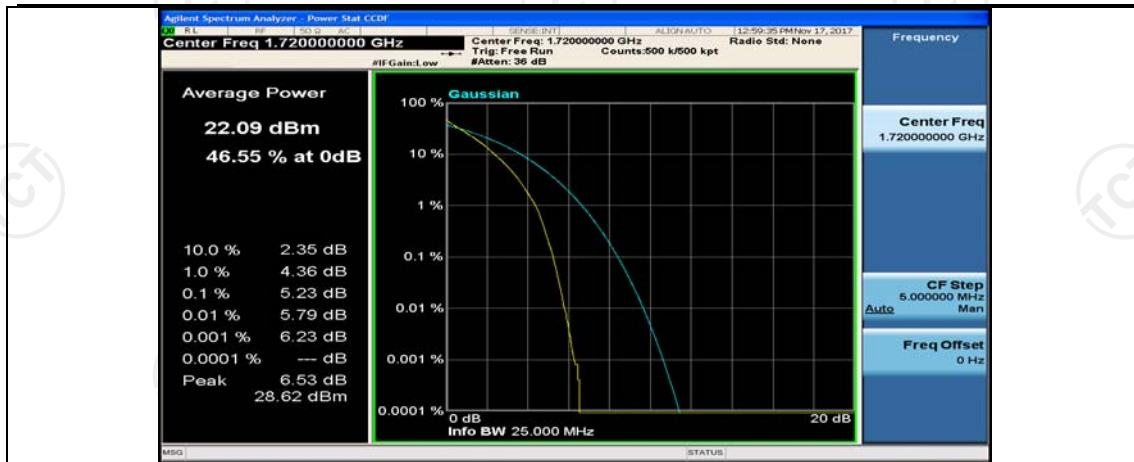
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#25



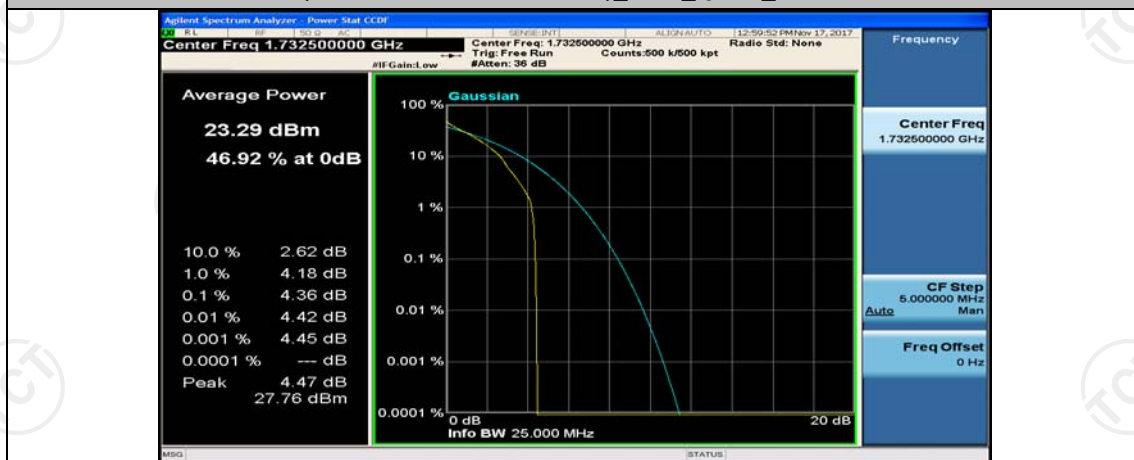
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#50



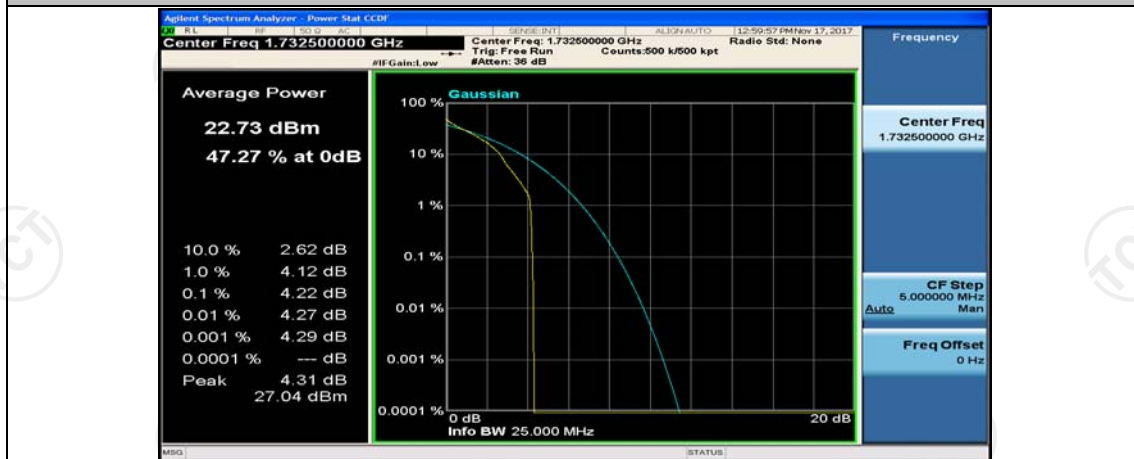
(Channel Bandwidth:20 MHz)_LCH_QPSK_100RB#0



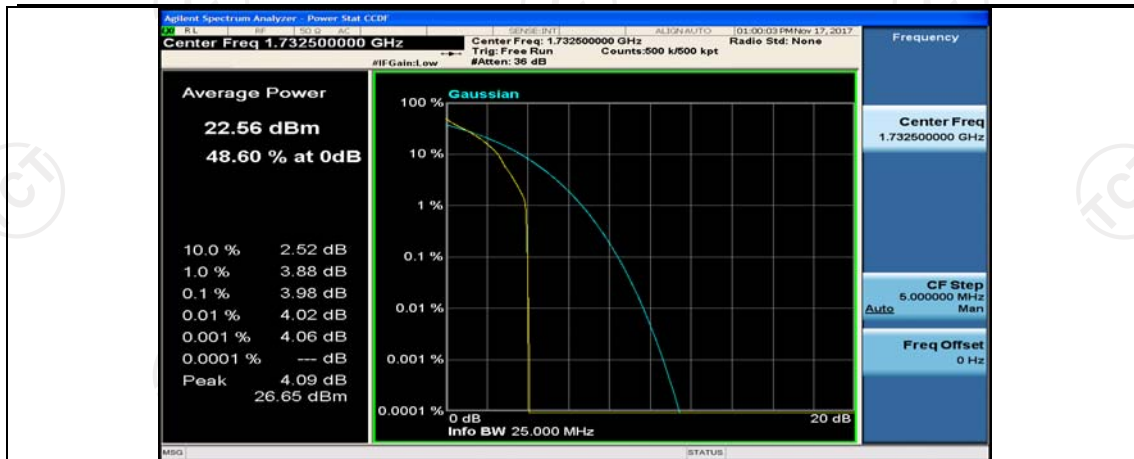
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0



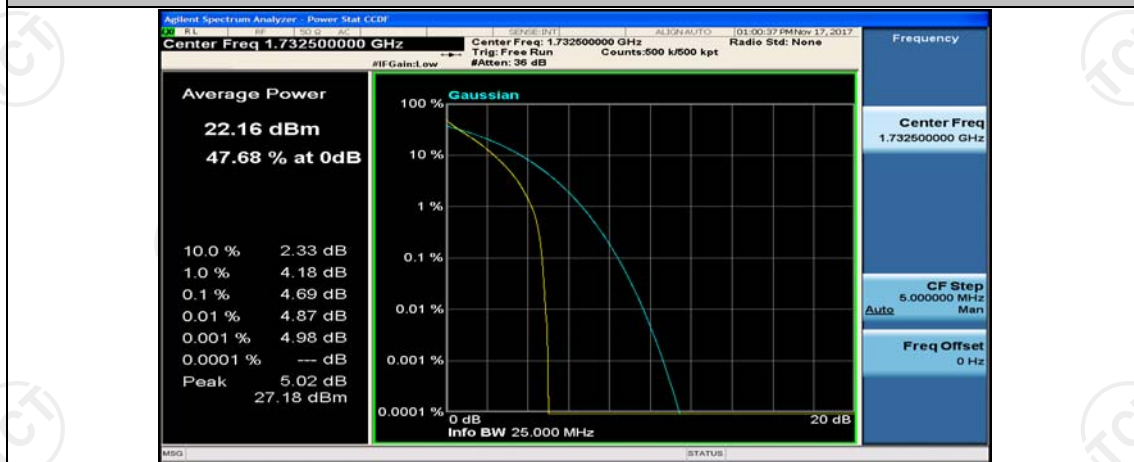
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49



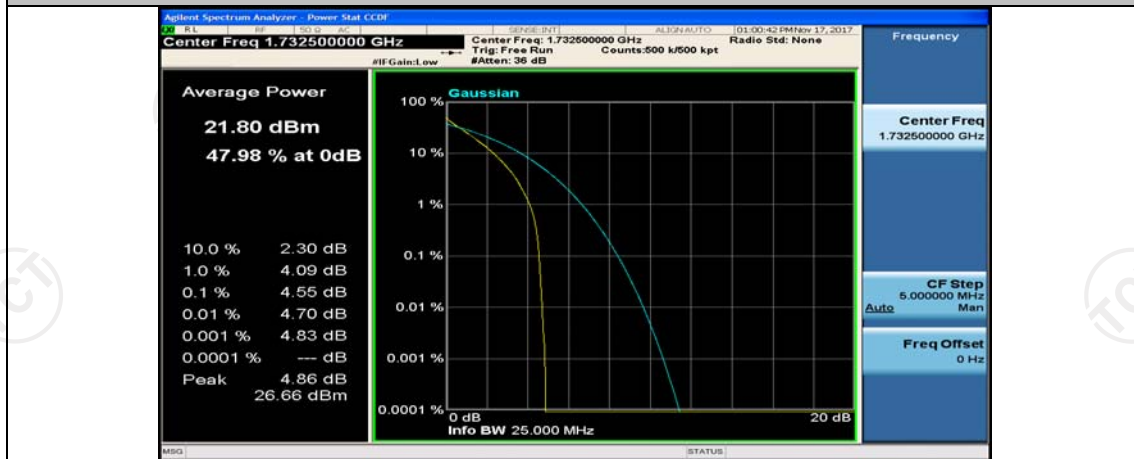
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#99



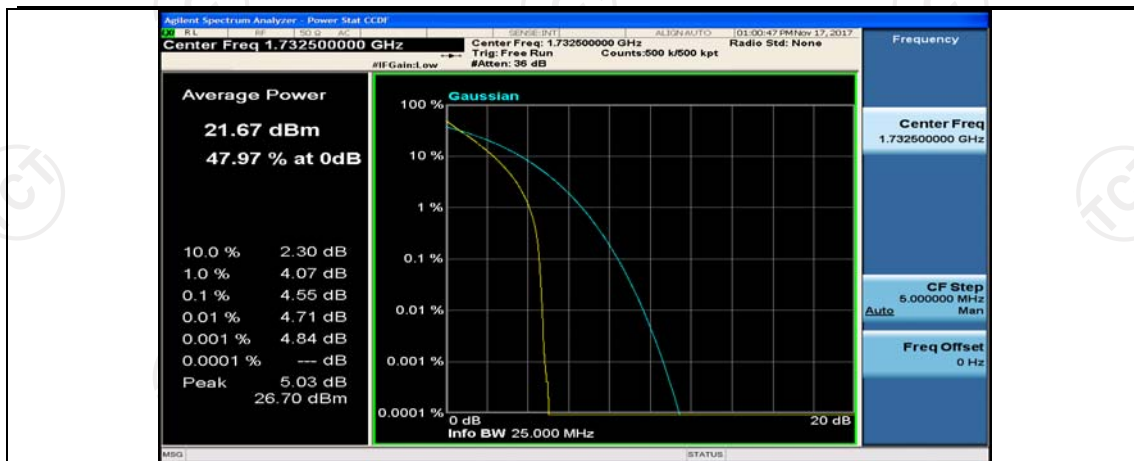
(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#0



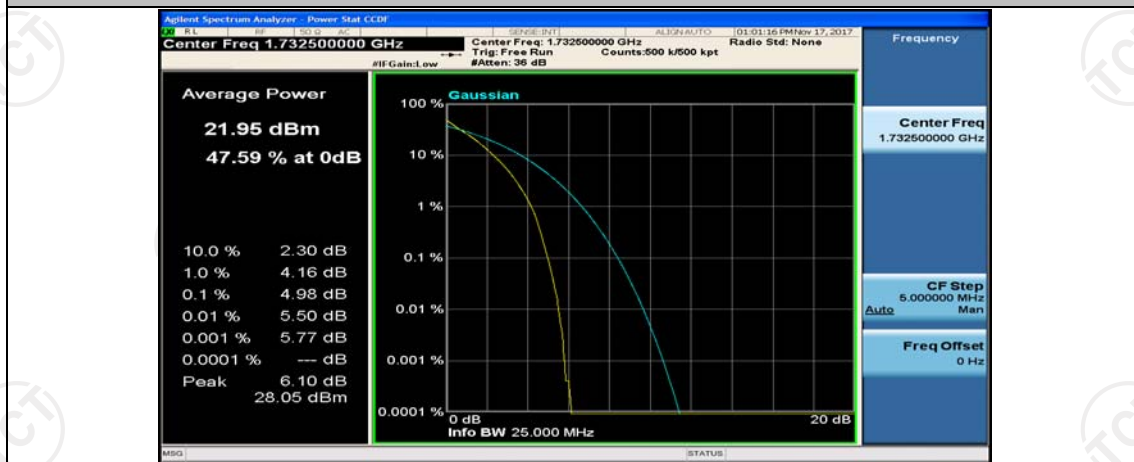
(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#25



(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#50



(Channel Bandwidth:20 MHz)_MCH_QPSK_100RB#0



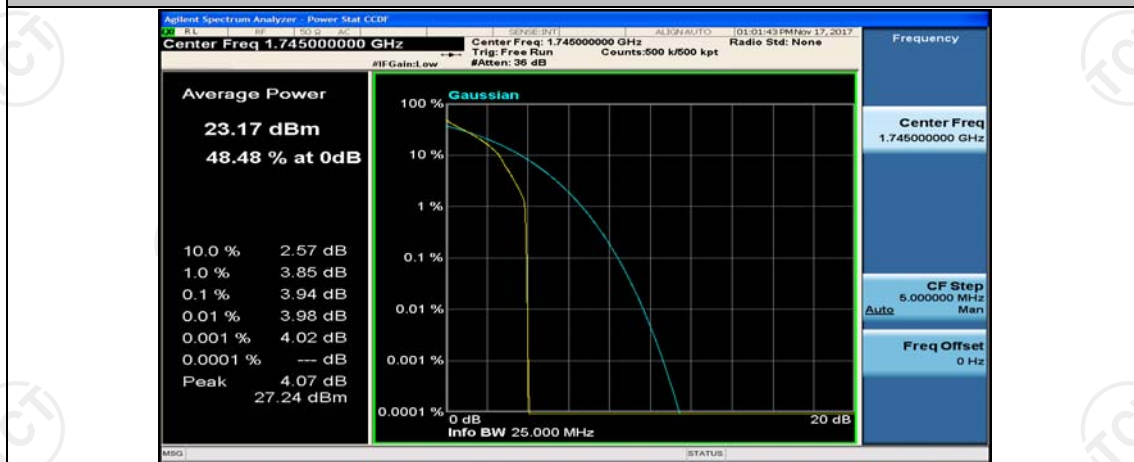
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0



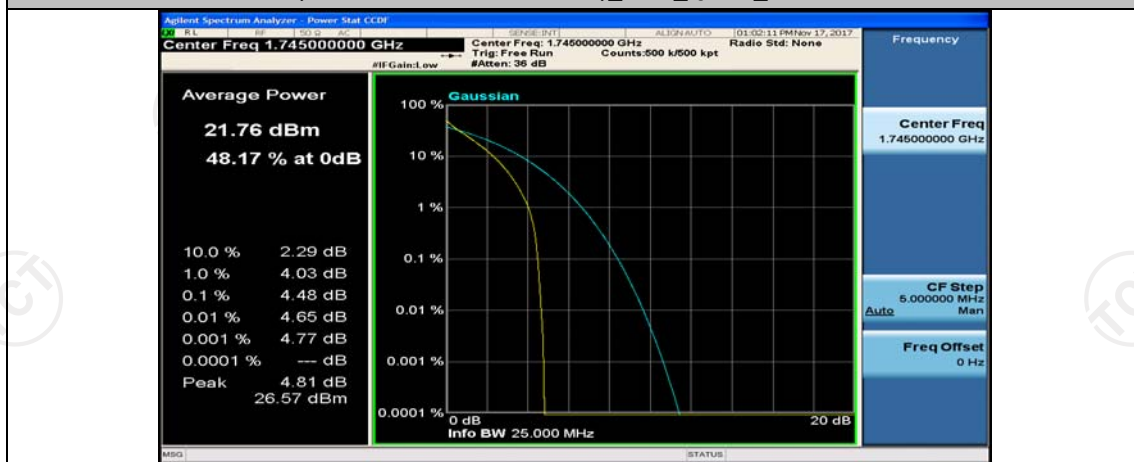
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49



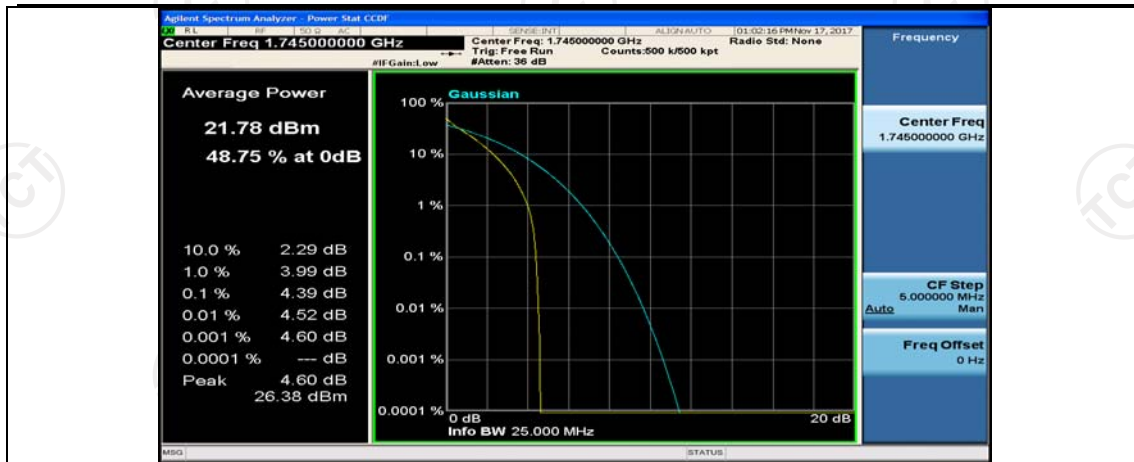
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#99



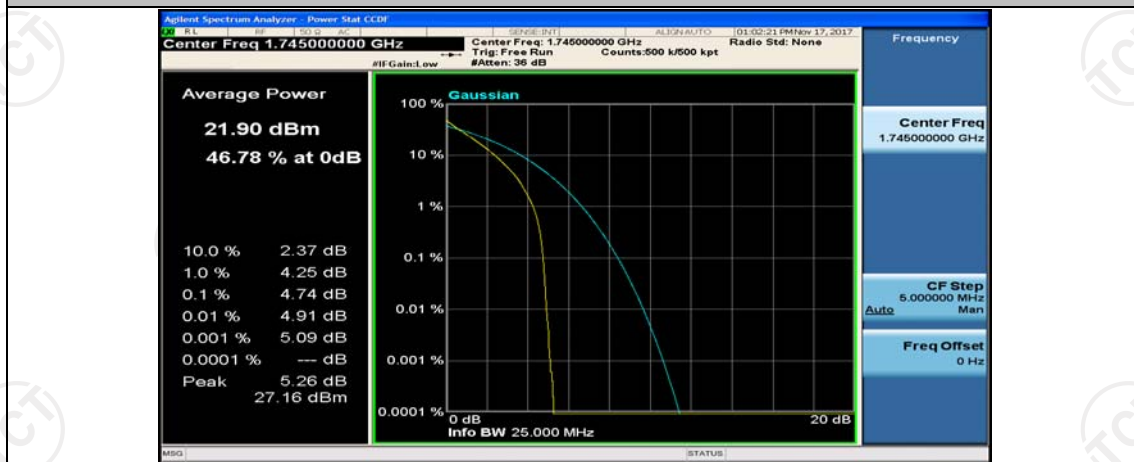
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#0



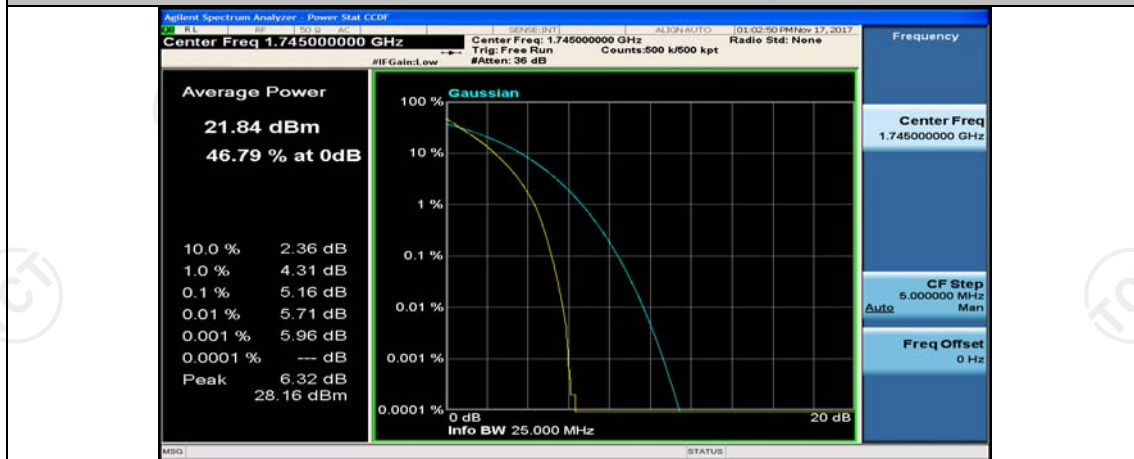
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#25



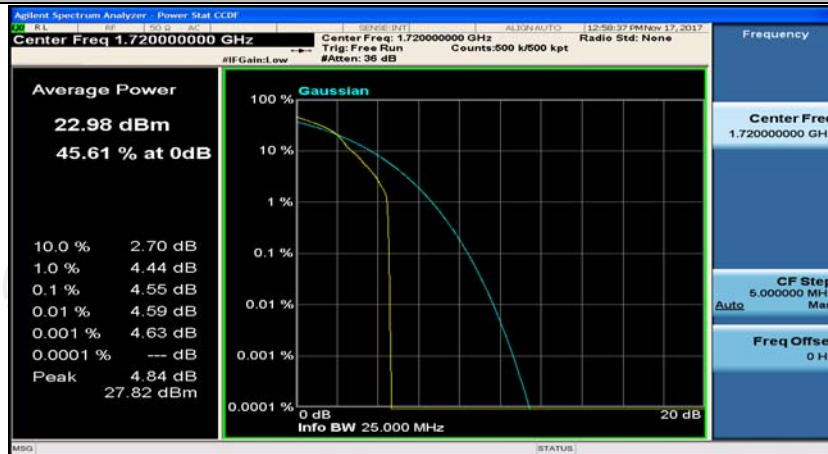
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#50



(Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0



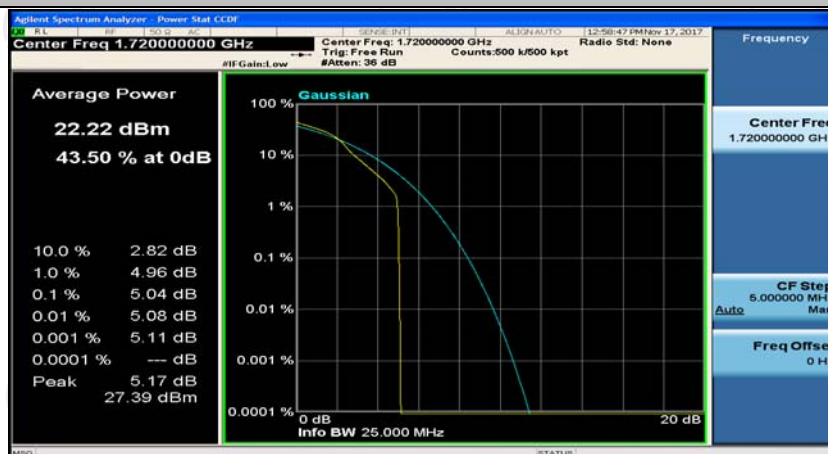
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#49



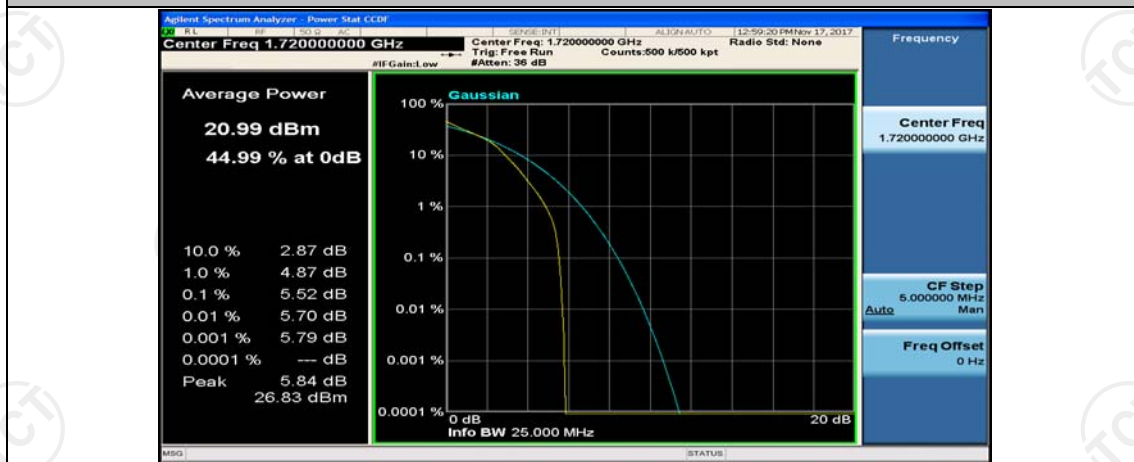
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#99



(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#0



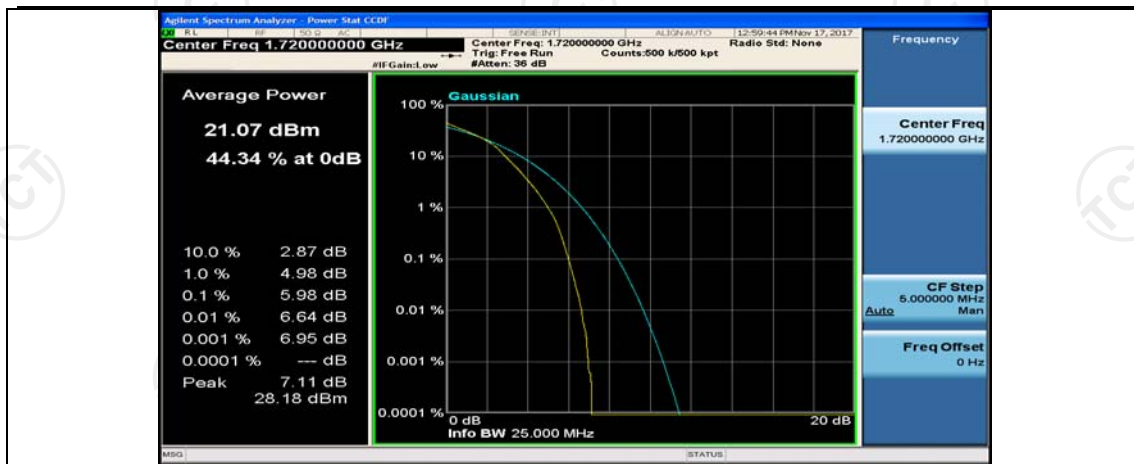
(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#25



(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#50



(Channel Bandwidth:20 MHz)_LCH_16QAM_100RB#0



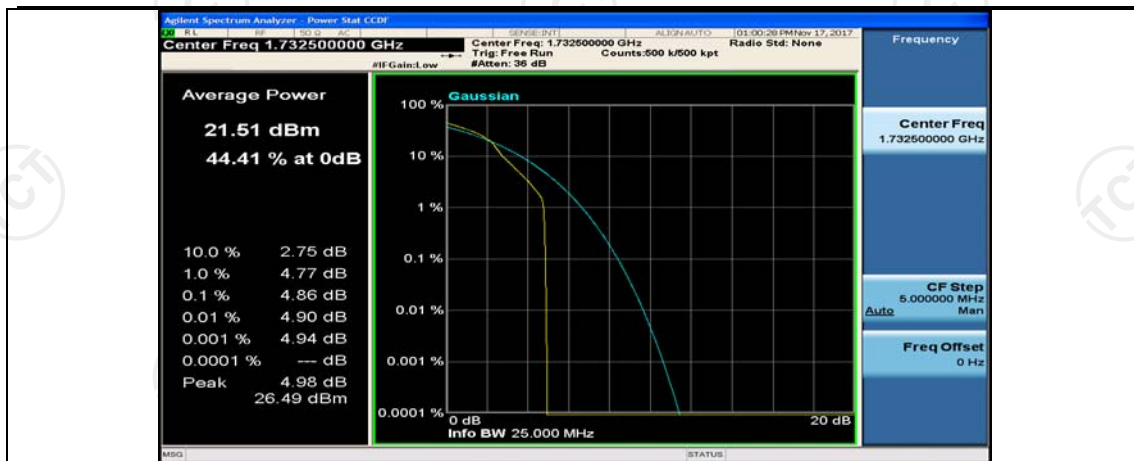
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0



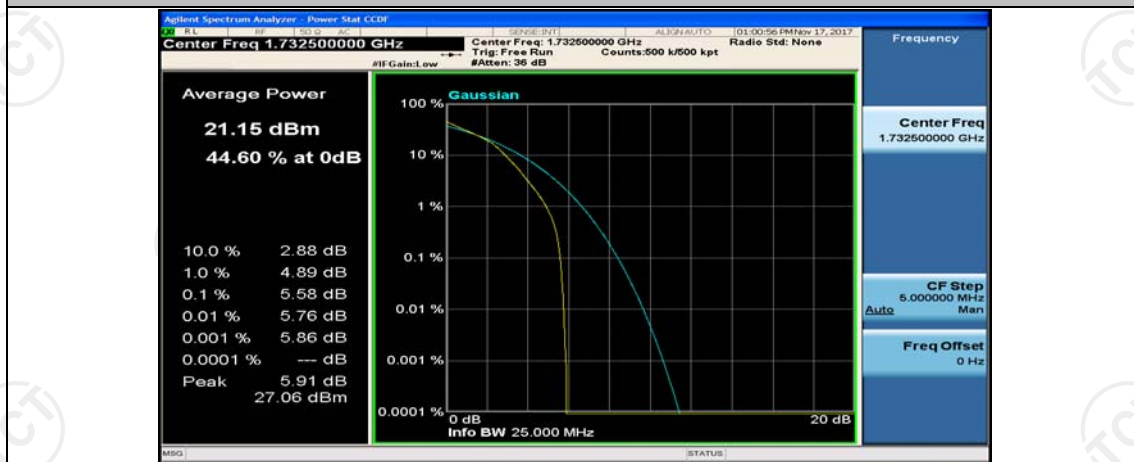
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49



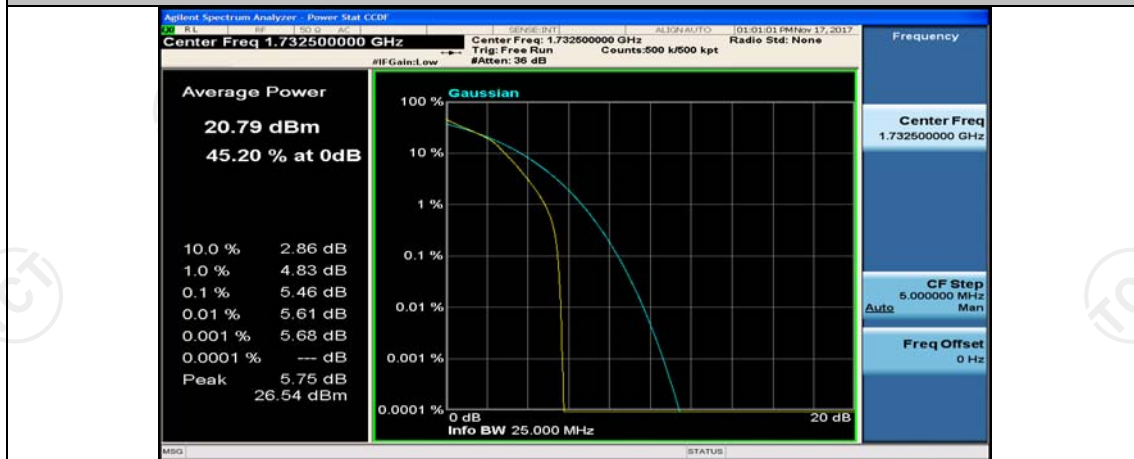
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#99



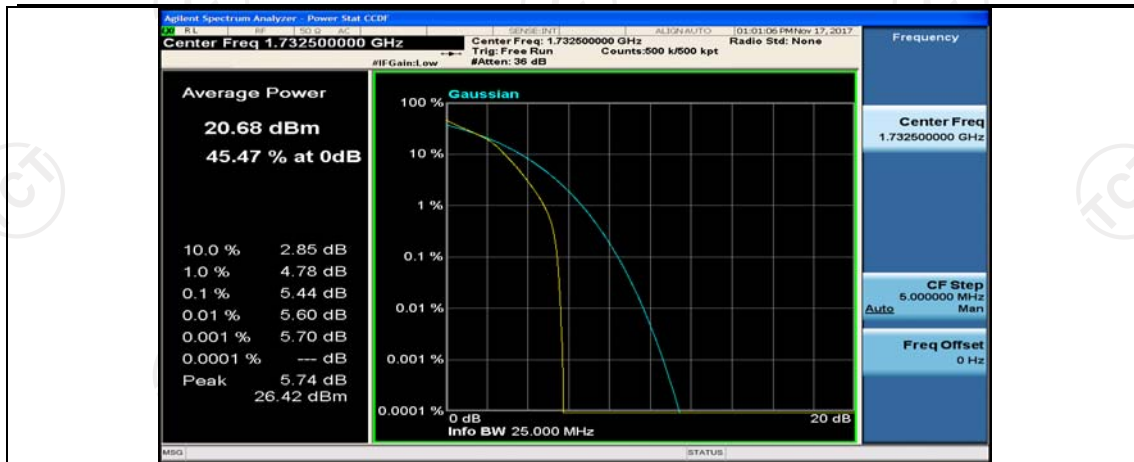
(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#0



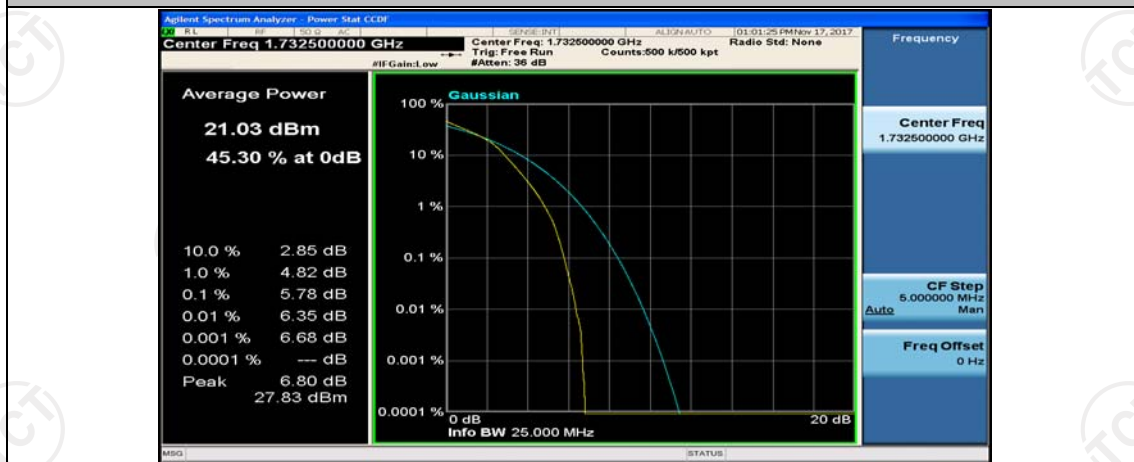
(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#25



(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#50



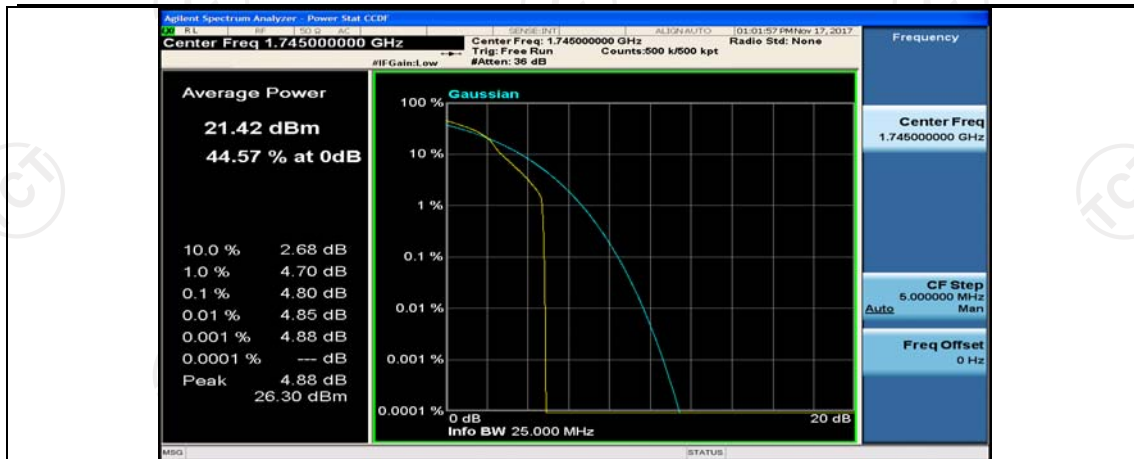
(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0



(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0



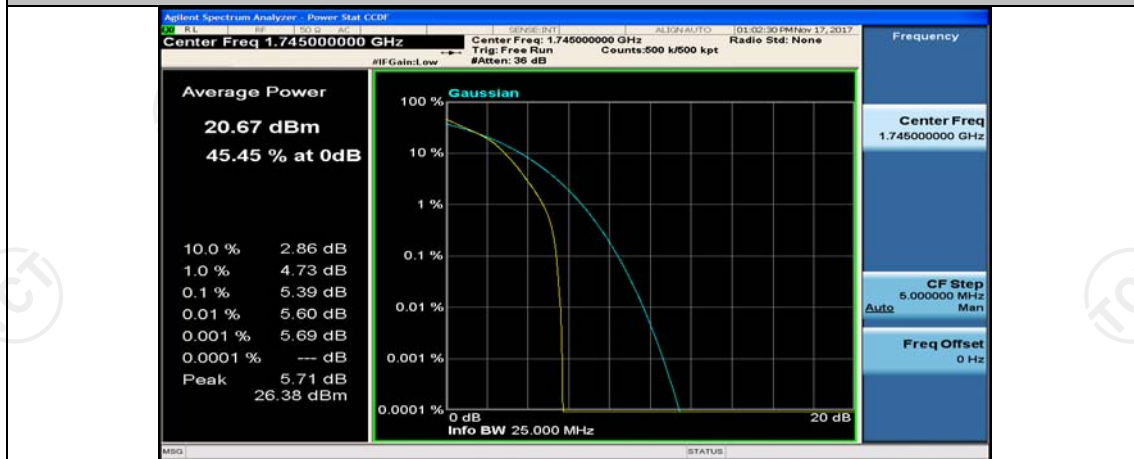
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#49



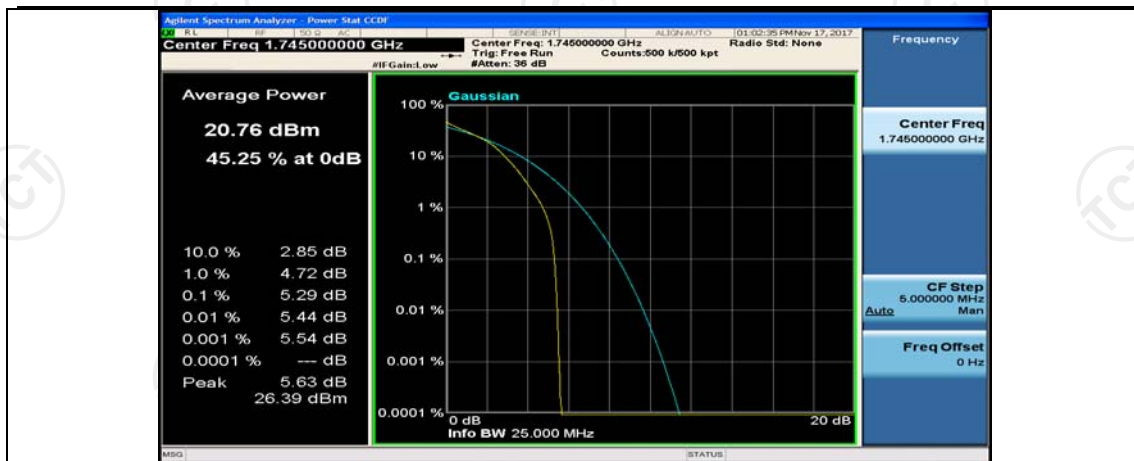
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#99



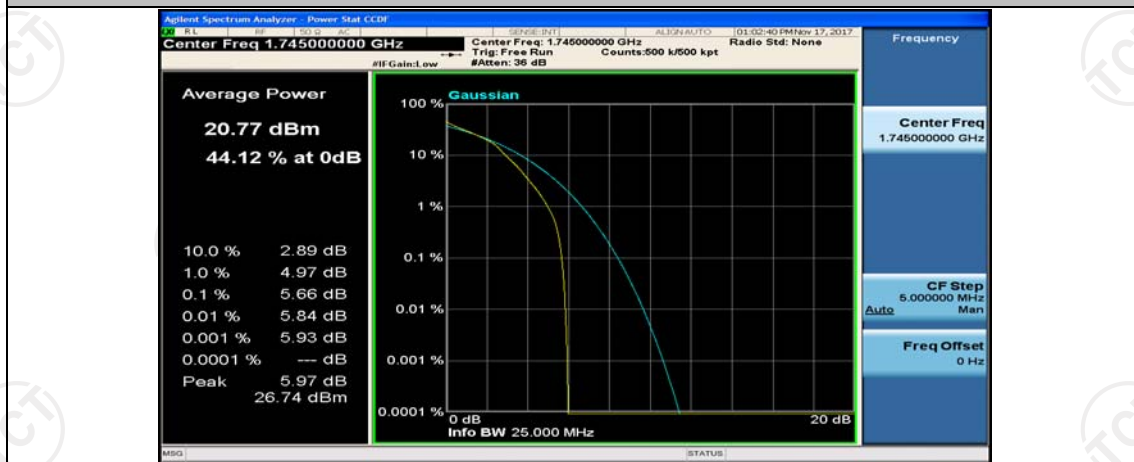
(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#0



(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#25



(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#50



(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	0.21239	0.3177	PASS
		1	3	0.24892	0.396	PASS
		1	5	0.21271	0.3312	PASS
		3	0	0.5501	0.7157	PASS
		3	2	0.55504	0.8121	PASS
		3	3	0.54917	0.7171	PASS
		6	0	1.0786	1.223	PASS
	MCH	1	0	0.21159	0.3282	PASS
		1	3	0.25067	0.4521	PASS
		1	5	0.21214	0.332	PASS
		3	0	0.54989	0.7115	PASS
		3	2	0.55602	0.7478	PASS
		3	3	0.54843	0.7097	PASS
		6	0	1.0771	1.227	PASS
	HCH	1	0	0.21255	0.3346	PASS
		1	3	0.26496	0.4221	PASS
		1	5	0.21434	0.3237	PASS
		3	0	0.55223	0.7225	PASS
		3	2	0.55664	0.827	PASS
		3	3	0.55151	0.7285	PASS
		6	0	1.0782	1.248	PASS
16QAM	LCH	1	0	0.22308	0.3494	PASS
		1	3	0.25579	0.4137	PASS
		1	5	0.22194	0.3424	PASS
		3	0	0.55162	0.734	PASS
		3	2	0.56257	0.8385	PASS
		3	3	0.5528	0.7134	PASS
		6	0	1.0807	1.253	PASS
	MCH	1	0	0.21993	0.333	PASS
		1	3	0.2567	0.4521	PASS
		1	5	0.22125	0.346	PASS

		3	0	0.55181	0.7137	PASS
		3	2	0.5624	0.8084	PASS
		3	3	0.55249	0.7294	PASS
		6	0	1.0801	1.245	PASS
	HCH	1	0	0.2256	0.3558	PASS
		1	3	0.27608	0.4937	PASS
		1	5	0.22843	0.3261	PASS
		3	0	0.55499	0.7426	PASS
		3	2	0.56264	0.8122	PASS
		3	3	0.55497	0.7468	PASS
		6	0	1.0832	1.237	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.23675	0.3649	PASS
		1	7	0.30869	0.4776	PASS
		1	14	0.23337	0.3407	PASS
		8	0	1.4476	1.66	PASS
		8	4	1.4519	1.779	PASS
		8	7	1.4471	1.651	PASS
		15	0	2.6814	2.886	PASS
	MCH	1	0	0.23693	0.3615	PASS
		1	7	0.31392	0.4839	PASS
		1	14	0.23348	0.3498	PASS
		8	0	1.4475	1.643	PASS
		8	4	1.4489	1.774	PASS
		8	7	1.4484	1.648	PASS
		15	0	2.6833	2.883	PASS
	HCH	1	0	0.23804	0.3594	PASS
		1	7	0.32292	0.5177	PASS
		1	14	0.23363	0.3416	PASS
		8	0	1.445	1.654	PASS
		8	4	1.4517	1.775	PASS
		8	7	1.4448	1.648	PASS
		15	0	2.682	2.898	PASS
16QAM	LCH	1	0	0.23656	0.3593	PASS

		1	7	0.34032	0.5069	PASS
		1	14	0.23337	0.3463	PASS
		8	0	1.4414	1.689	PASS
		8	4	1.4527	1.807	PASS
		8	7	1.4431	1.647	PASS
		15	0	2.6864	2.891	PASS
	MCH	1	0	0.23407	0.3606	PASS
		1	7	0.32519	0.5518	PASS
		1	14	0.23827	0.347	PASS
		8	0	1.4456	1.657	PASS
		8	4	1.4559	1.821	PASS
		8	7	1.4466	1.633	PASS
		15	0	2.6876	2.873	PASS
	HCH	1	0	0.23177	0.3753	PASS
		1	7	0.337	0.5977	PASS
		1	14	0.23855	0.3413	PASS
		8	0	1.4432	1.674	PASS
		8	4	1.4546	1.811	PASS
		8	7	1.4444	1.678	PASS
		15	0	2.6845	2.888	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	0.28371	0.4459	PASS
		1	12	0.39255	0.6332	PASS
		1	24	0.29878	0.4675	PASS
		12	0	2.1755	2.512	PASS
		12	6	2.1853	2.821	PASS
		12	13	2.1748	2.492	PASS
		25	0	4.4789	4.856	PASS
	MCH	1	0	0.28881	0.4548	PASS
		1	12	0.38486	0.6074	PASS
		1	24	0.29185	0.4775	PASS
		12	0	2.1772	2.560	PASS
		12	6	2.1787	2.633	PASS
		12	13	2.1720	2.495	PASS
		25	0	4.4781	4.822	PASS

	HCH	1	0	0.28712	0.4490	PASS
		1	12	0.40819	0.6316	PASS
		1	24	0.29837	0.4651	PASS
		12	0	2.1683	2.520	PASS
		12	6	2.1812	2.767	PASS
		12	13	2.1716	2.459	PASS
		25	0	4.4819	4.811	PASS
16QAM	LCH	1	0	0.29446	0.4313	PASS
		1	12	0.41998	0.6932	PASS
		1	24	0.29528	0.4791	PASS
		12	0	2.1767	2.505	PASS
		12	6	2.1843	2.748	PASS
		12	13	2.1768	2.492	PASS
		25	0	4.4810	4.816	PASS
	MCH	1	0	0.29176	0.4535	PASS
		1	12	0.42038	0.6778	PASS
		1	24	0.30032	0.4843	PASS
		12	0	2.1784	2.500	PASS
		12	6	2.1831	2.687	PASS
		12	13	2.1792	2.531	PASS
		25	0	4.4817	4.830	PASS
	HCH	1	0	0.28878	0.4527	PASS
		1	12	0.43082	0.6357	PASS
		1	24	0.29971	0.4727	PASS
		12	0	2.1817	2.528	PASS
		12	6	2.1833	2.677	PASS
		12	13	2.1735	2.514	PASS
		25	0	4.4766	4.815	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	0.38439	0.5550	PASS
		1	25	0.46189	0.6754	PASS
		1	49	0.37530	0.5354	PASS
		25	0	4.5062	4.971	PASS
		25	12	4.5152	5.116	PASS
		25	25	4.5007	4.993	PASS
		50	0	8.9393	9.479	PASS
	MCH	1	0	0.38990	0.5879	PASS

		1	25	0.46038	0.7088	PASS
		1	49	0.38282	0.5651	PASS
		25	0	4.5039	4.922	PASS
		25	12	4.5092	5.150	PASS
		25	25	4.5091	4.930	PASS
		50	0	8.9345	9.440	PASS
	HCH	1	0	0.38266	0.5637	PASS
		1	25	0.47401	0.7121	PASS
		1	49	0.38244	0.5873	PASS
		25	0	4.5097	4.996	PASS
		25	12	4.5134	5.058	PASS
		25	25	4.5037	4.955	PASS
		50	0	8.9450	9.547	PASS
16QAM	LCH	1	0	0.38053	0.5757	PASS
		1	25	0.46150	0.6852	PASS
		1	49	0.37769	0.5442	PASS
		25	0	4.4989	4.974	PASS
		25	12	4.5141	5.080	PASS
		25	25	4.5071	4.972	PASS
		50	0	8.9269	9.418	PASS
	MCH	1	0	0.38433	0.5789	PASS
		1	25	0.45485	0.6952	PASS
		1	49	0.38656	0.5574	PASS
		25	0	4.5049	4.920	PASS
		25	12	4.5091	5.053	PASS
		25	25	4.5117	4.934	PASS
		50	0	8.9332	9.415	PASS
	HCH	1	0	0.38487	0.5994	PASS
		1	25	0.47729	0.6977	PASS
		1	49	0.38971	0.5723	PASS
		25	0	4.5188	4.955	PASS
		25	12	4.5125	5.076	PASS
		25	25	4.5081	4.986	PASS
		50	0	8.9343	9.467	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	0.49196	0.6766	PASS

		1	37	0.57945	0.8866	PASS
		1	74	0.49499	0.7252	PASS
		37	0	6.4904	7.060	PASS
		37	18	6.5026	7.462	PASS
		37	38	6.4849	7.109	PASS
		75	0	13.396	14.05	PASS
		75	18	6.4921	7.356	PASS
	MCH	1	0	0.49036	0.6882	PASS
		1	37	0.59287	0.8546	PASS
		1	74	0.49545	0.7141	PASS
		37	0	6.4951	7.061	PASS
		37	18	6.4921	7.356	PASS
		37	38	6.4953	7.121	PASS
		75	0	13.406	14.08	PASS
	HCH	1	0	0.49572	0.7428	PASS
		1	37	0.59096	0.8153	PASS
		1	74	0.49471	0.7031	PASS
		37	0	6.4983	7.048	PASS
		37	18	6.5074	7.516	PASS
		37	38	6.4926	7.030	PASS
		75	0	13.415	14.13	PASS
16QAM	LCH	1	0	0.48656	0.6937	PASS
		1	37	0.58153	0.8451	PASS
		1	74	0.49008	0.6916	PASS
		37	0	6.4791	7.019	PASS
		37	18	6.5032	7.221	PASS
		37	38	6.4904	7.080	PASS
		75	0	13.397	14.03	PASS
	MCH	1	0	0.50260	0.7389	PASS
		1	37	0.58482	0.8189	PASS
		1	74	0.48455	0.6806	PASS
		37	0	6.4875	7.065	PASS
		37	18	6.4850	7.260	PASS
		37	38	6.4841	7.037	PASS
		75	0	13.396	13.99	PASS
	HCH	1	0	0.46936	0.7023	PASS
		1	37	0.58784	0.7848	PASS
		1	74	0.49435	0.6961	PASS
		37	0	6.4821	7.040	PASS
		37	18	6.4952	7.396	PASS
		37	38	6.4836	7.083	PASS
		75	0	13.411	14.09	PASS

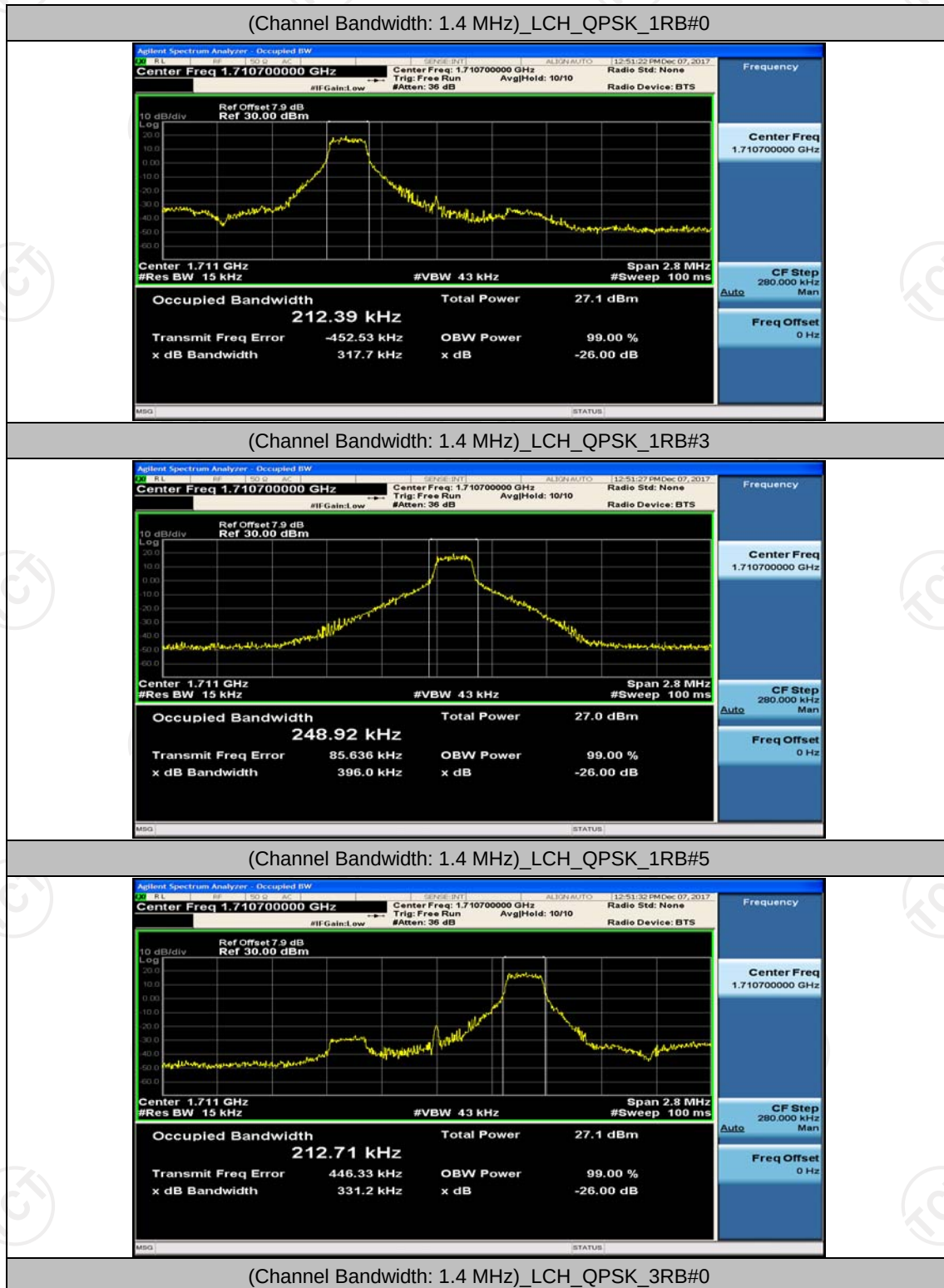
Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.57150	0.8062	PASS
		1	50	0.63887	0.9103	PASS
		1	99	0.58178	0.8301	PASS
		50	0	9.0012	9.656	PASS
		50	25	8.9912	10.03	PASS
		50	50	8.9903	9.680	PASS
		100	0	17.869	18.63	PASS
	MCH	1	0	0.57573	0.8163	PASS
		1	50	0.64430	0.9668	PASS
		1	99	0.57095	0.8242	PASS
		50	0	8.9945	9.705	PASS
		50	25	8.9958	9.961	PASS
		50	50	8.9900	9.773	PASS
		100	0	17.841	18.61	PASS
	HCH	1	0	0.57607	0.8345	PASS
		1	50	0.63506	0.8949	PASS
		1	99	0.56214	0.8389	PASS
		50	0	8.9849	9.552	PASS
		50	25	9.0103	9.938	PASS
		50	50	8.9974	9.672	PASS
		100	0	17.874	18.68	PASS
16QAM	LCH	1	0	0.57394	0.8158	PASS
		1	50	0.64004	0.9086	PASS
		1	99	0.55476	0.7856	PASS
		50	0	8.9876	9.656	PASS
		50	25	8.9993	9.985	PASS
		50	50	8.9988	9.732	PASS
		100	0	17.859	18.65	PASS
	MCH	1	0	0.57900	0.8751	PASS
		1	50	0.62195	0.8745	PASS
		1	99	0.55421	0.7895	PASS
		50	0	8.9807	9.599	PASS
		50	25	8.9839	9.859	PASS
		50	50	8.9974	9.629	PASS
		100	0	17.849	18.63	PASS
	HCH	1	0	0.57096	0.8250	PASS

		1	50	0.63883	0.8574	PASS
		1	99	0.56573	0.8020	PASS
		50	0	9.0003	9.594	PASS
		50	25	9.0046	9.774	PASS
		50	50	8.9926	9.599	PASS
		100	0	17.880	18.63	PASS

Test Graphs

Channel Bandwidth: 1.4 MHz

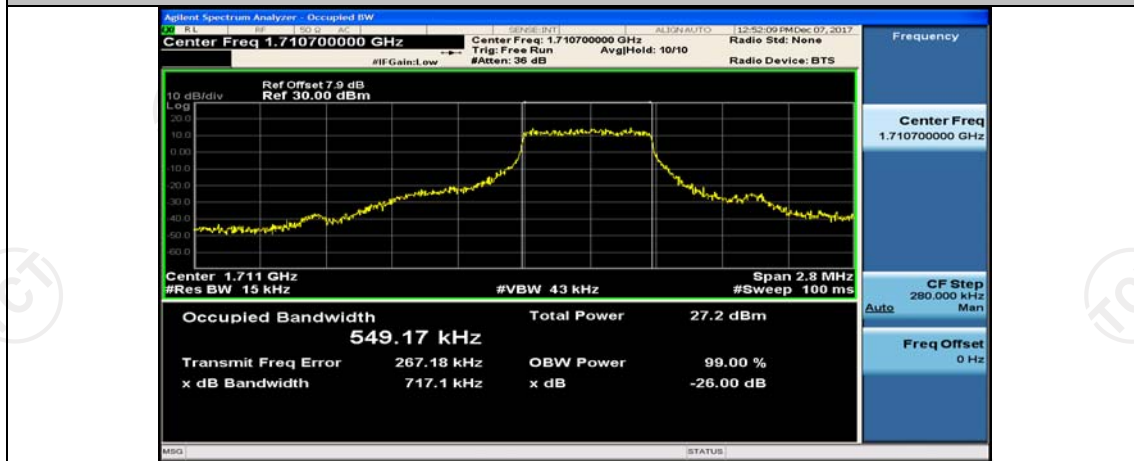




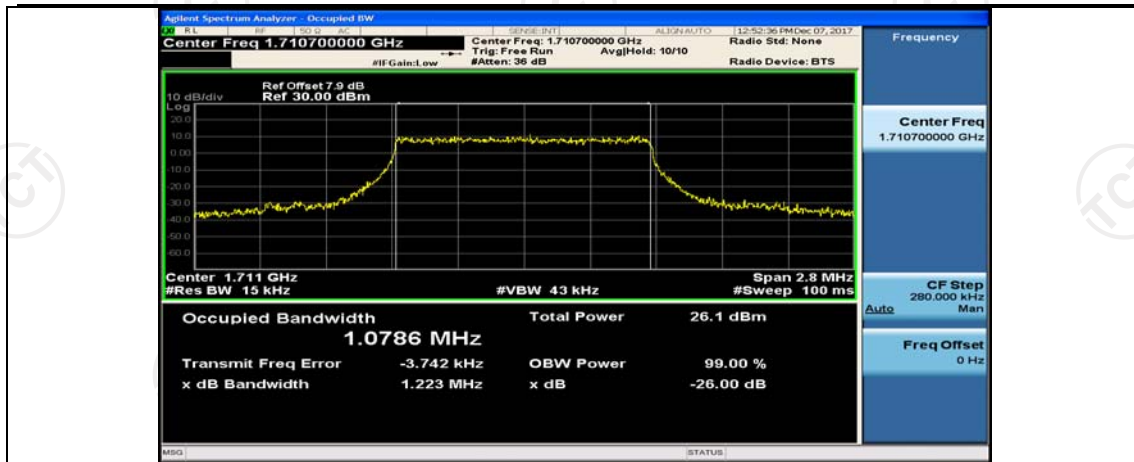
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2



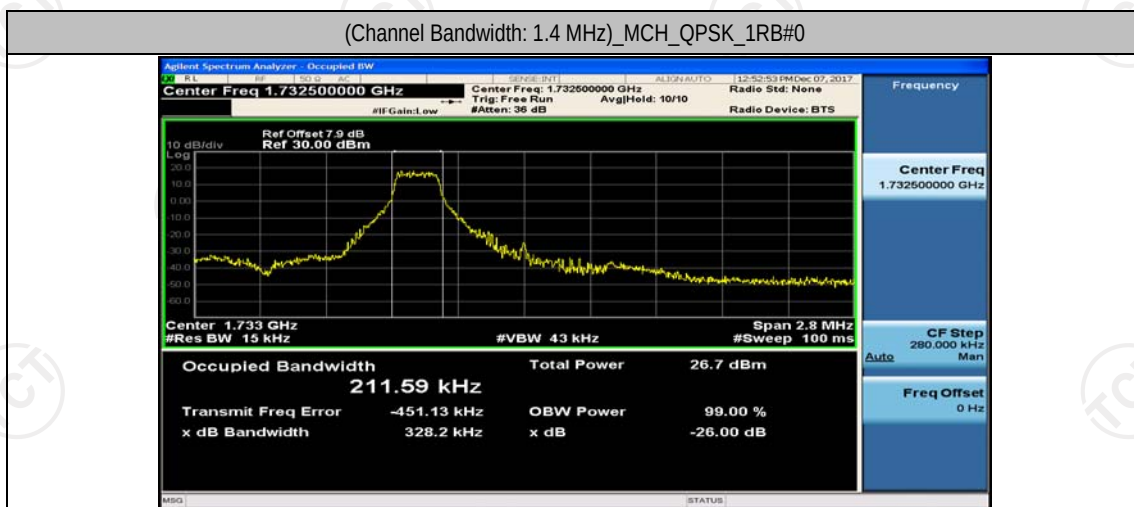
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#3



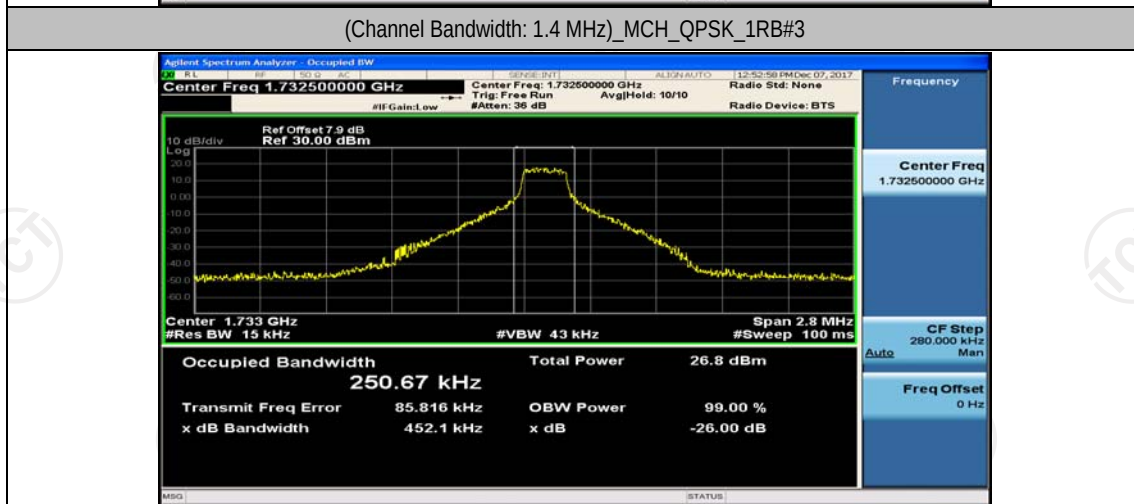
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



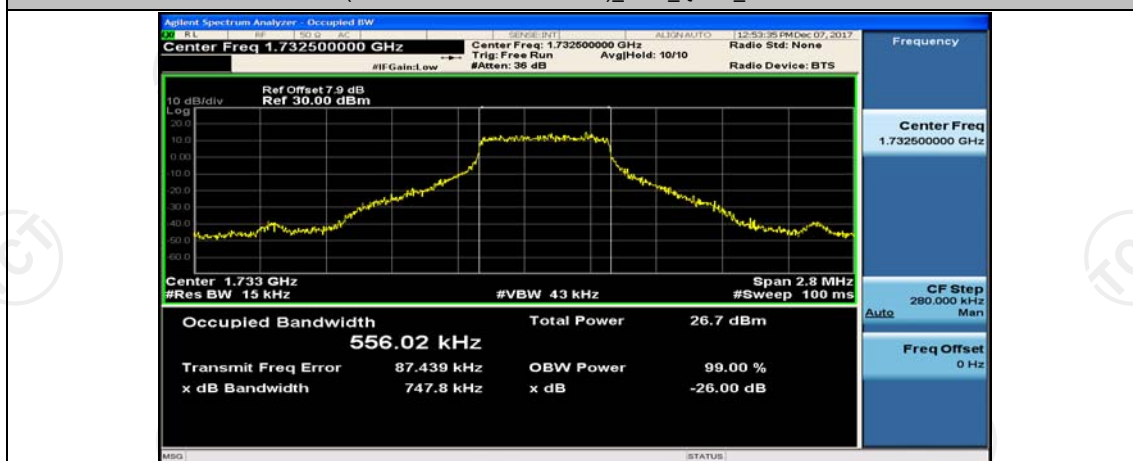
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5



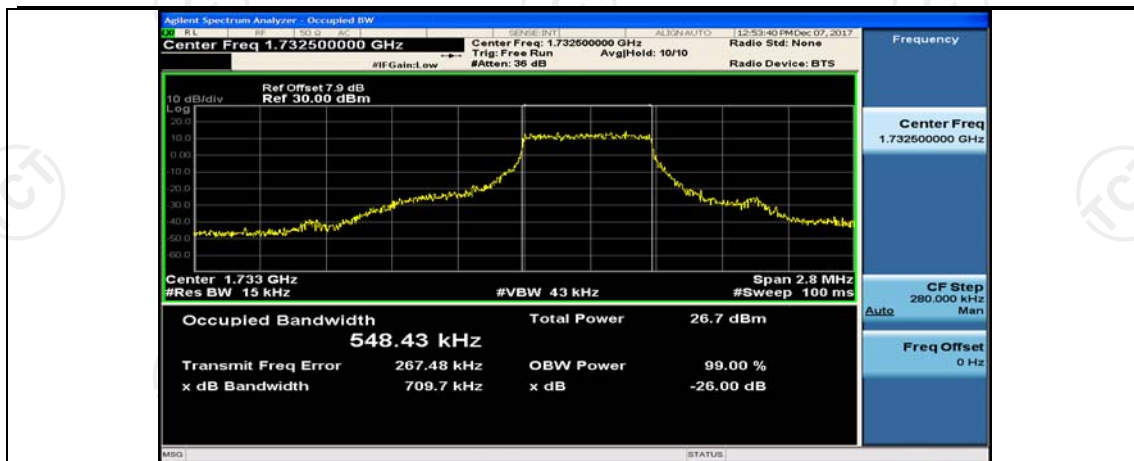
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#0



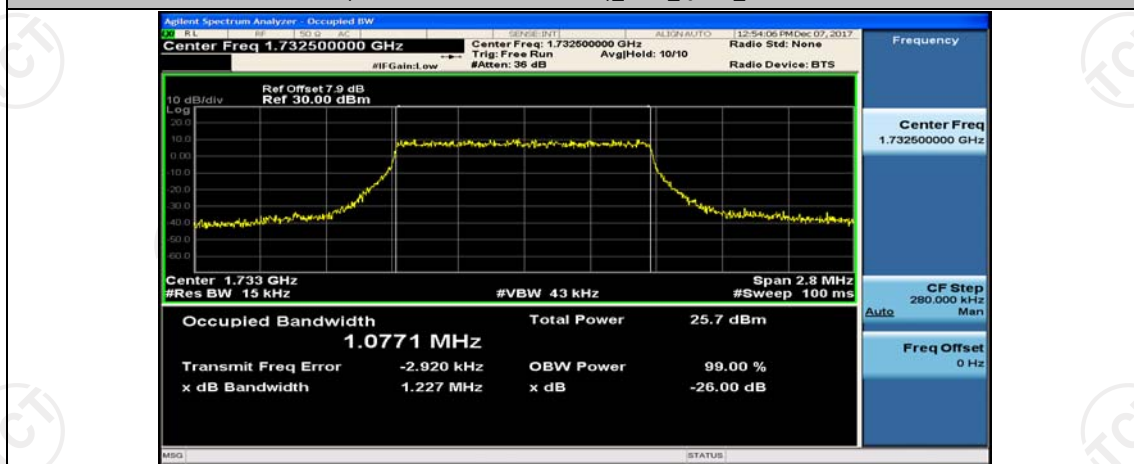
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#2



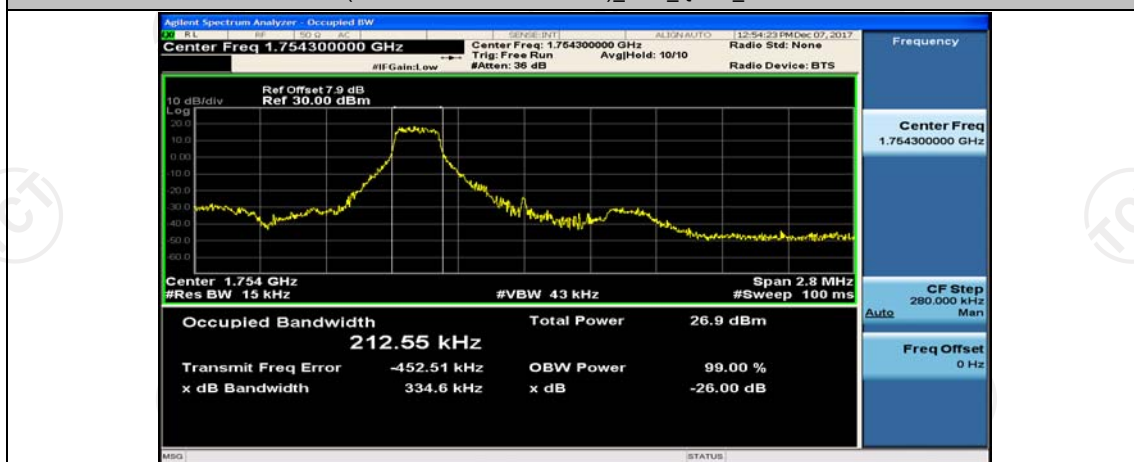
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#3



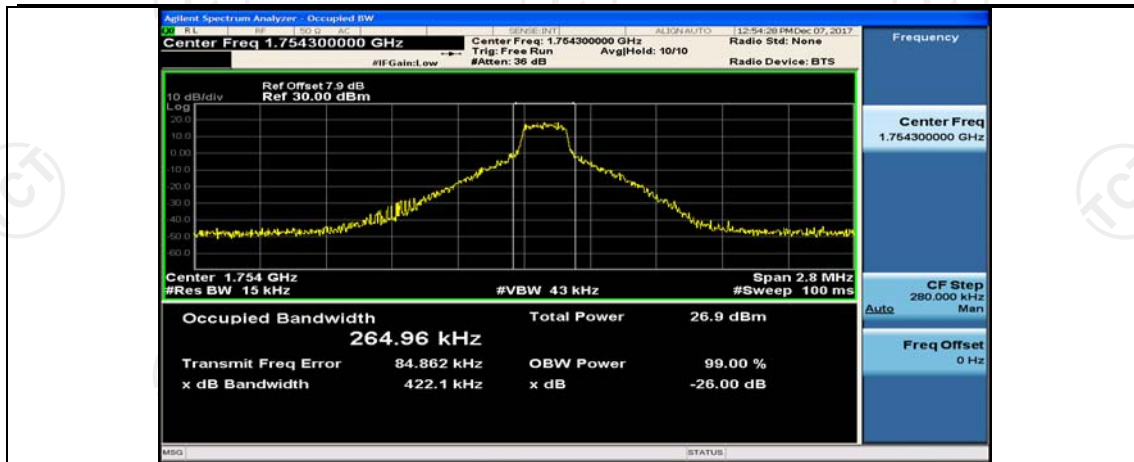
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



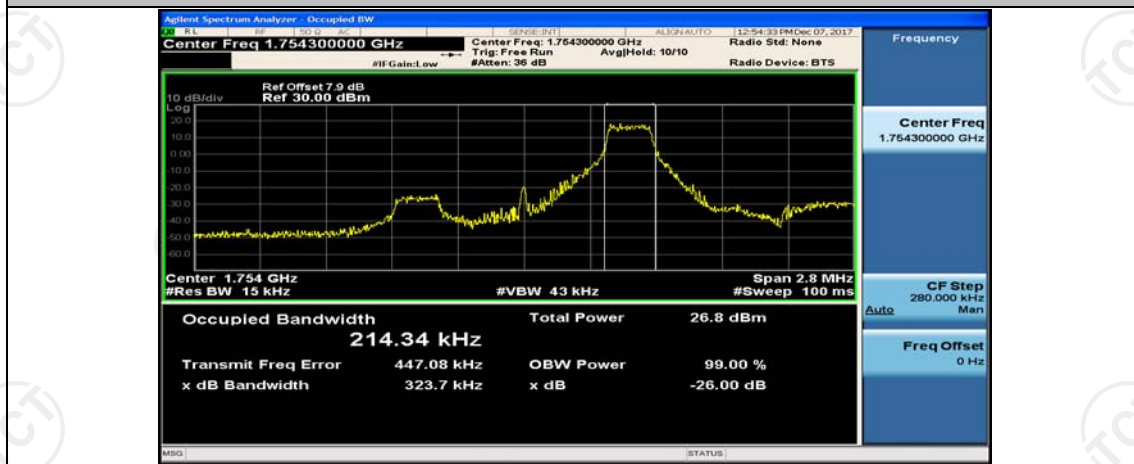
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



(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



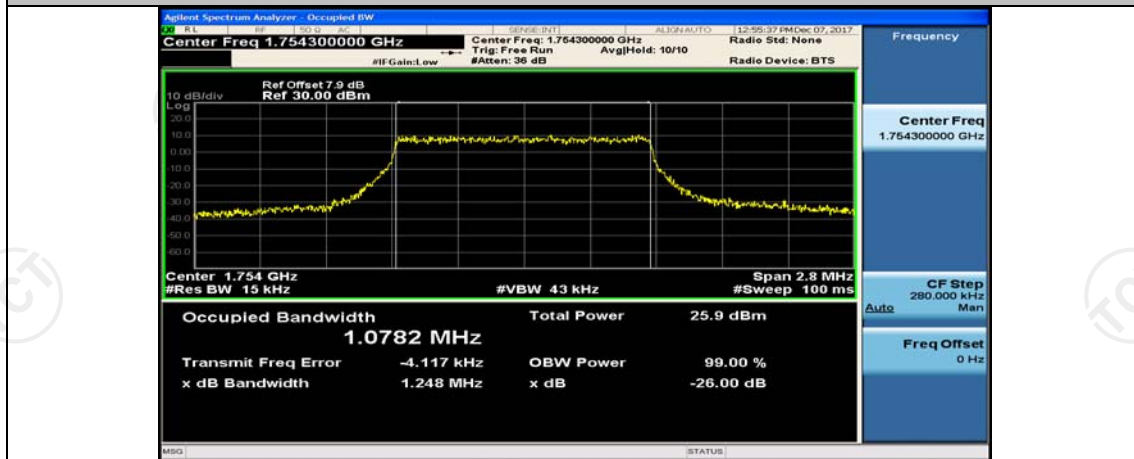
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2



(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#3



(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



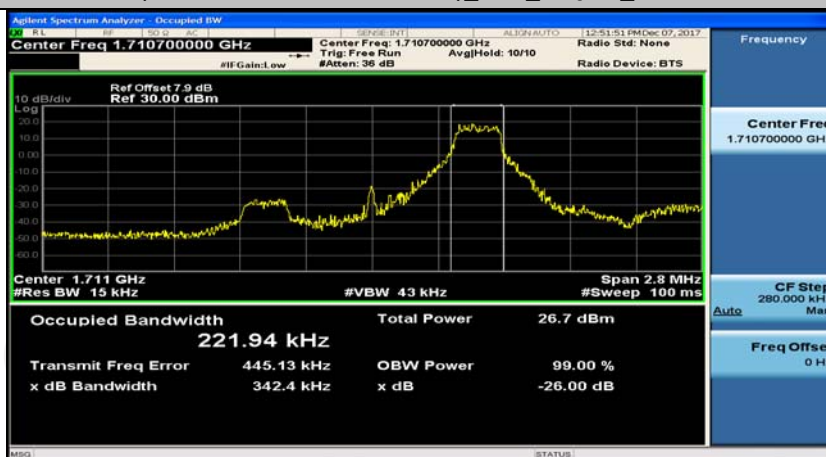
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



(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



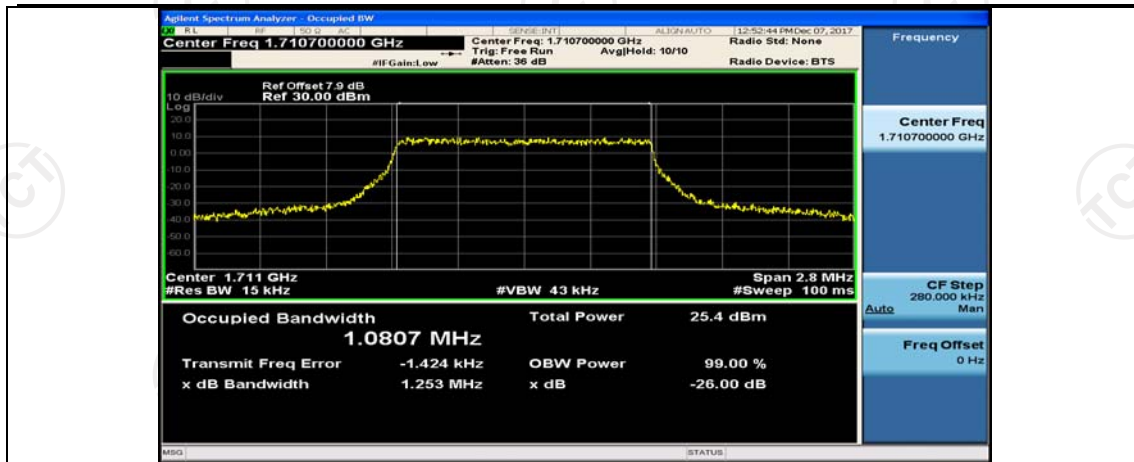
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#2



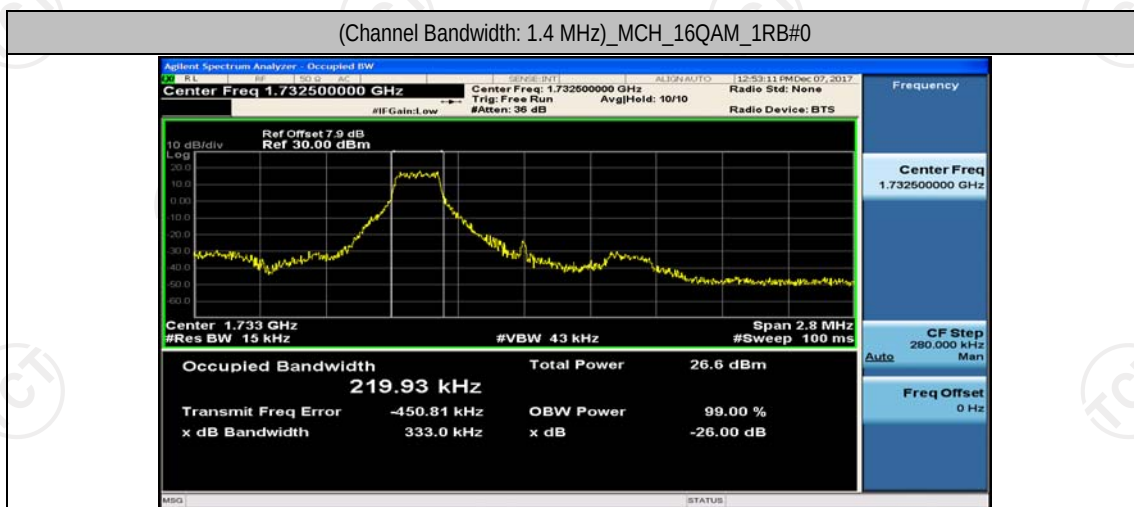
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3



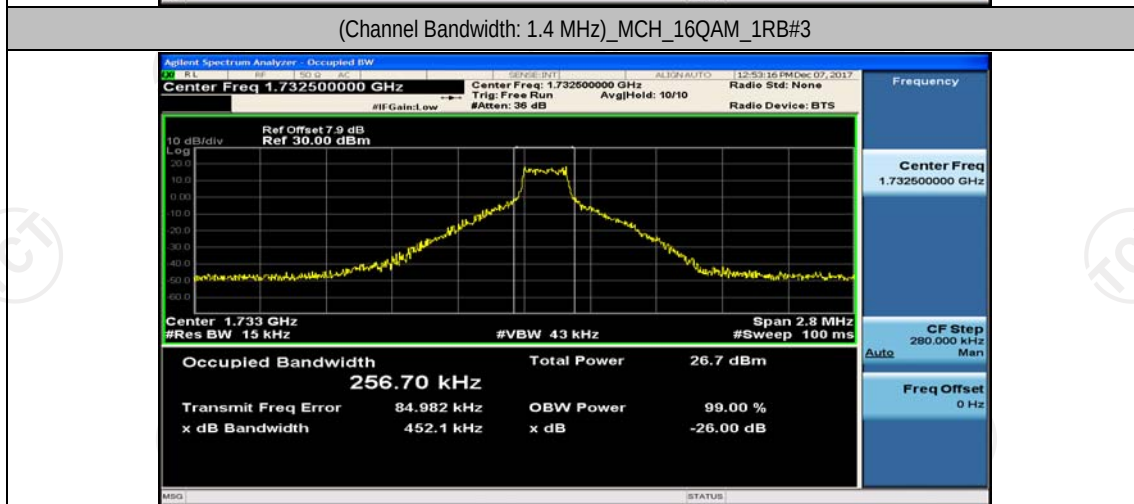
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



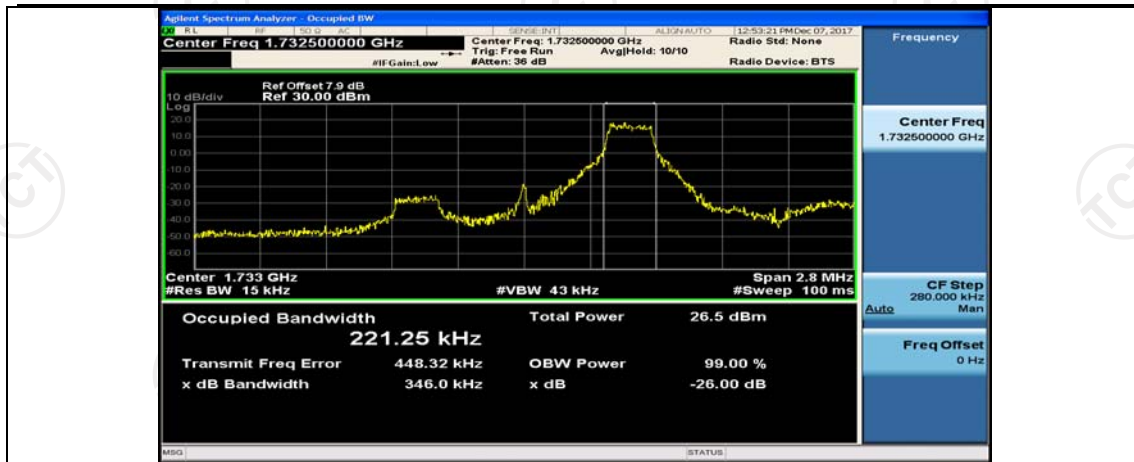
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0



(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



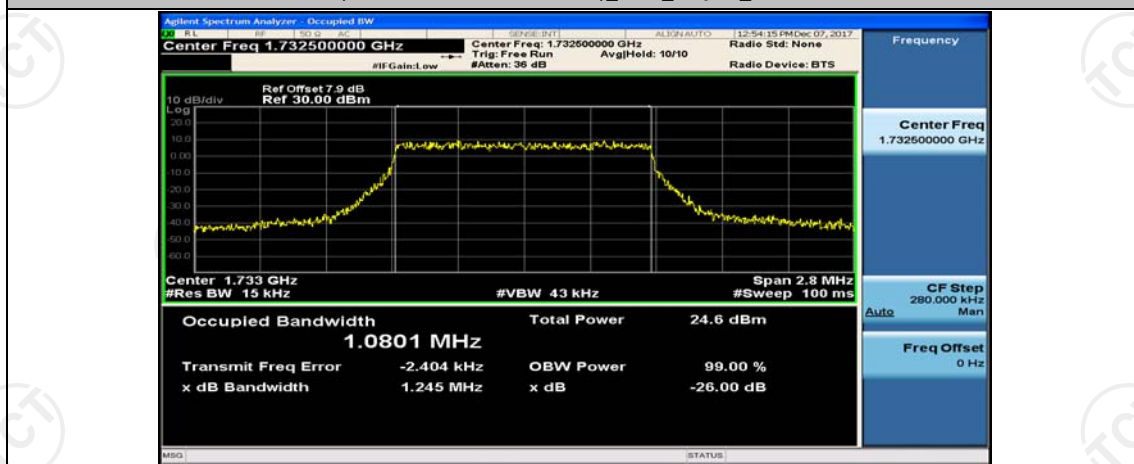
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#2



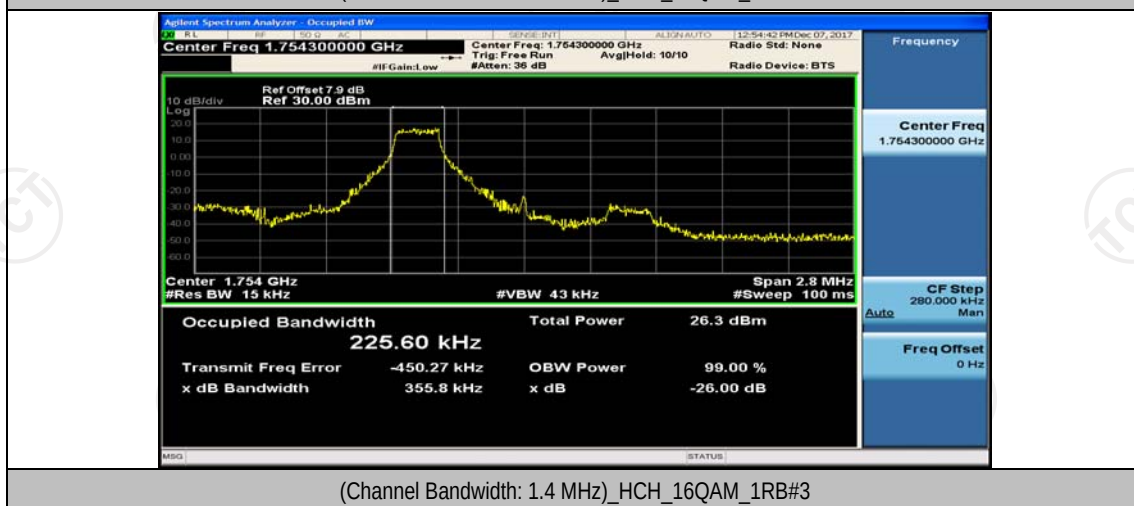
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#3



(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



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#3



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

