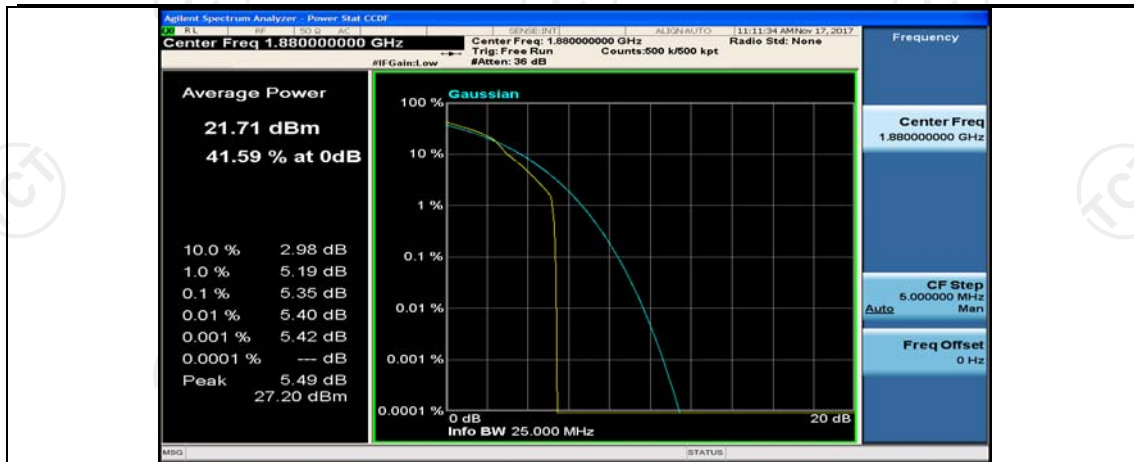
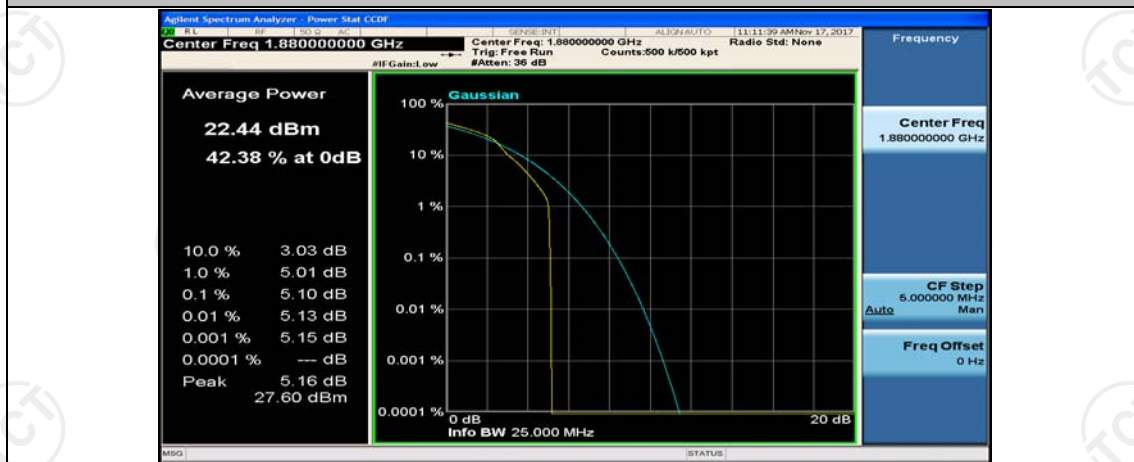
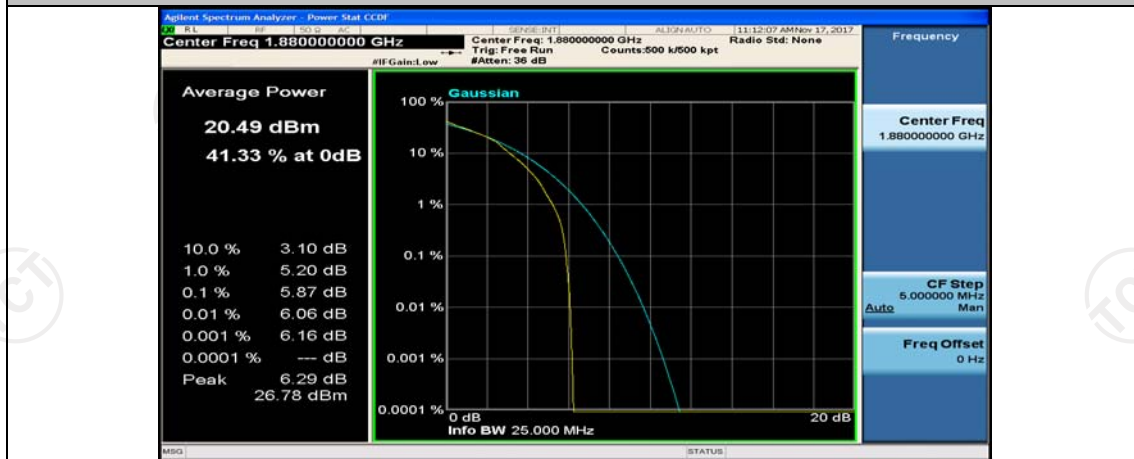




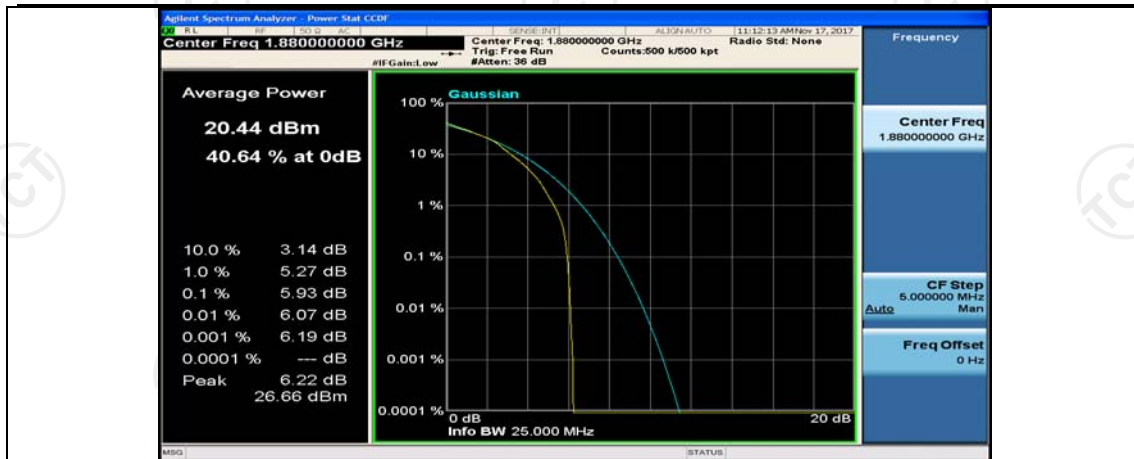
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#74



(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#0



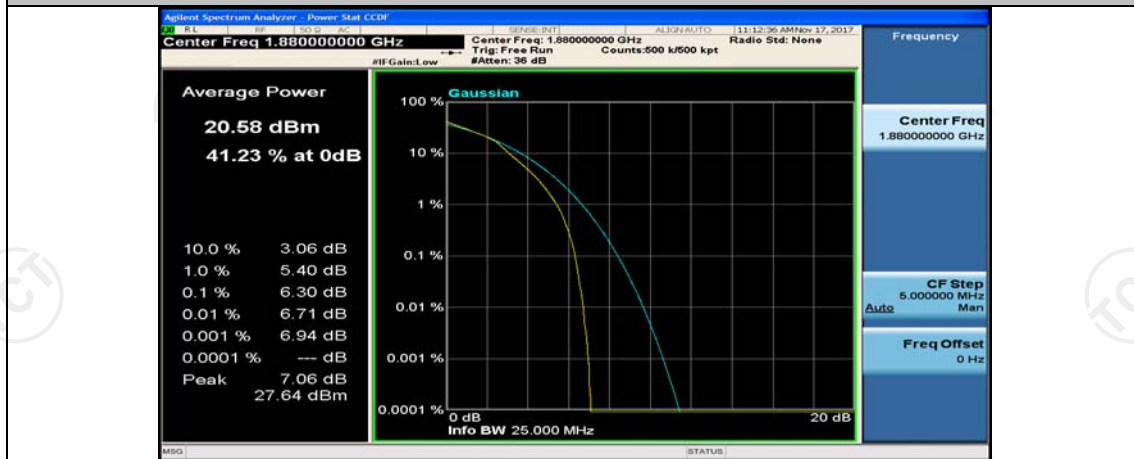
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#18



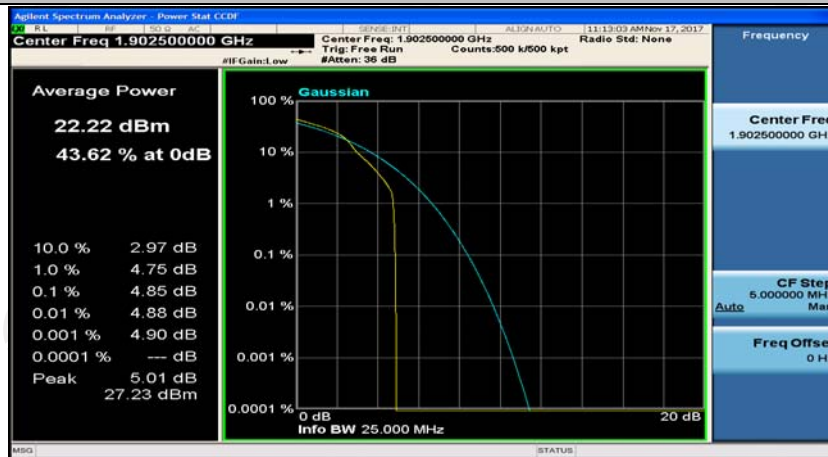
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#38



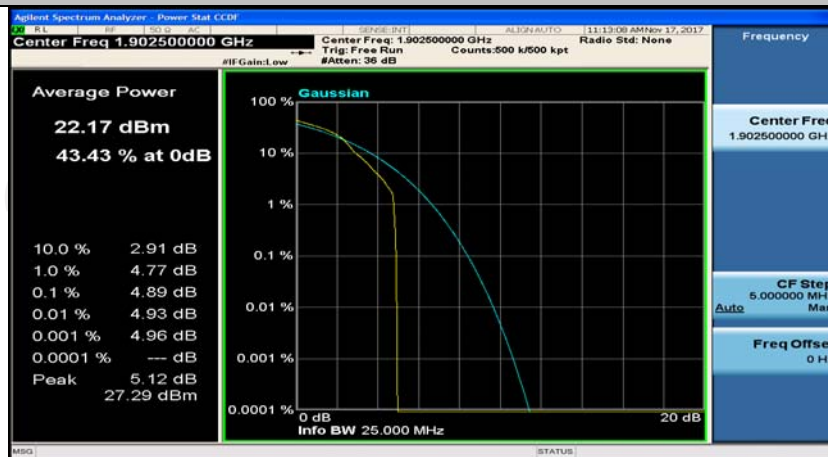
(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0



(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0



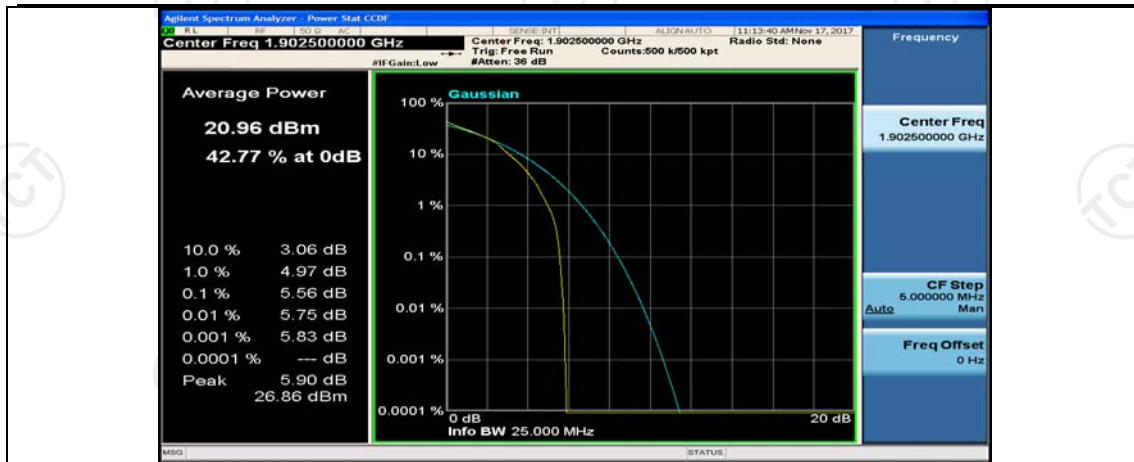
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37



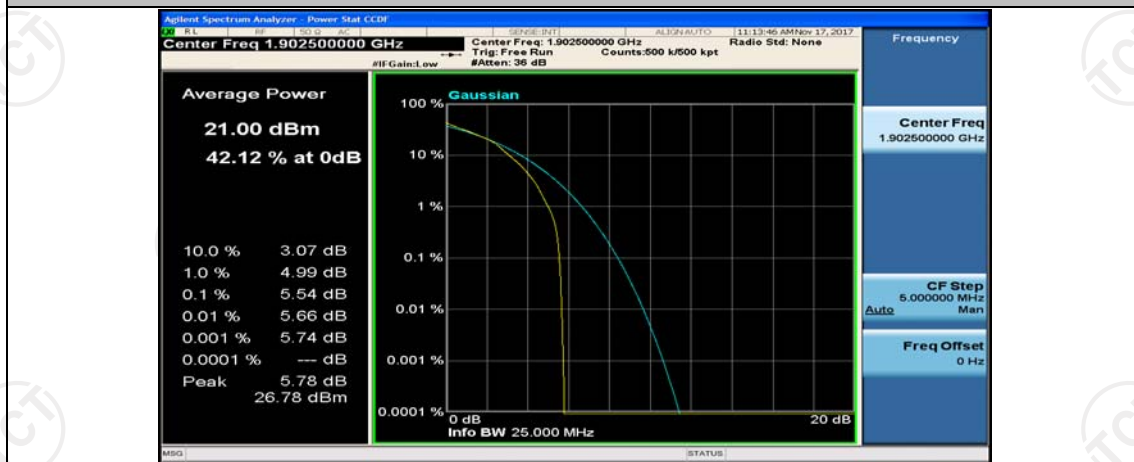
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#74



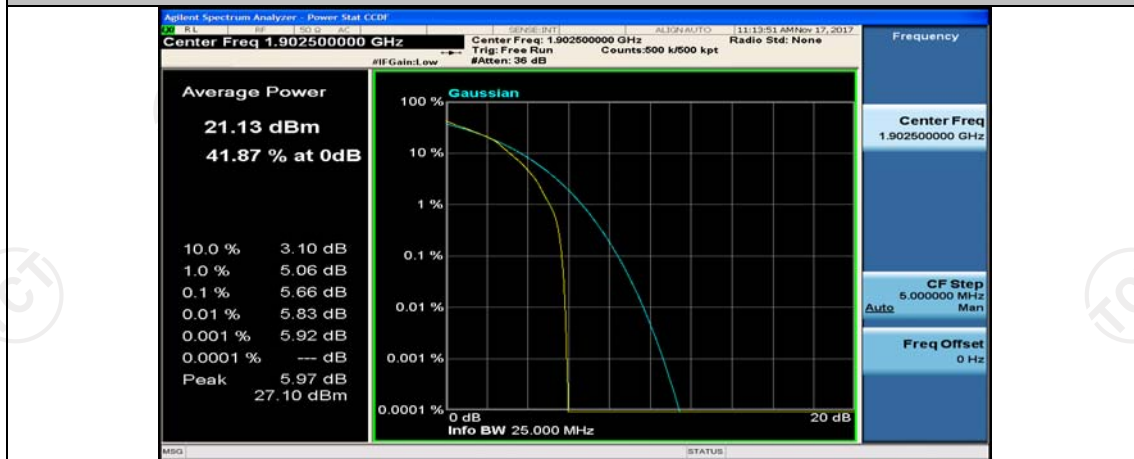
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#0



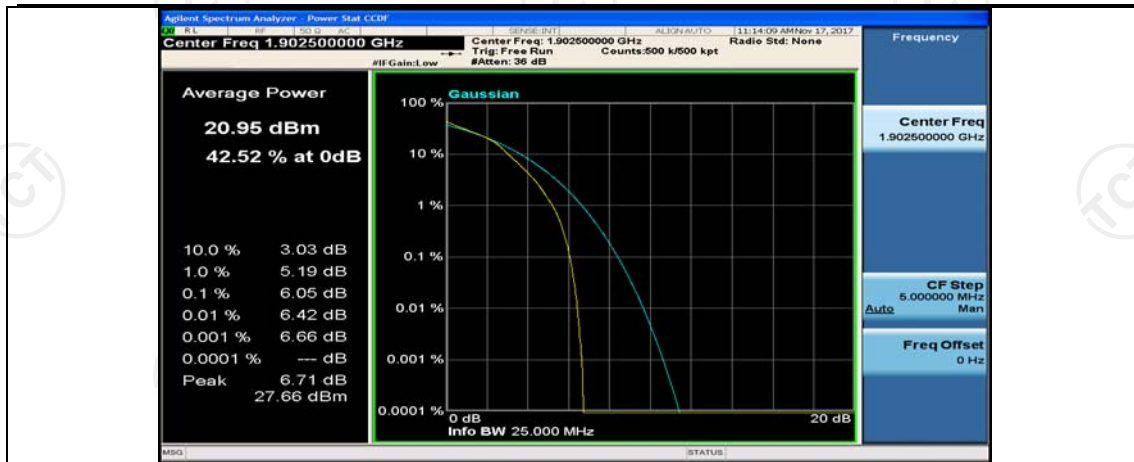
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#18



(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#38

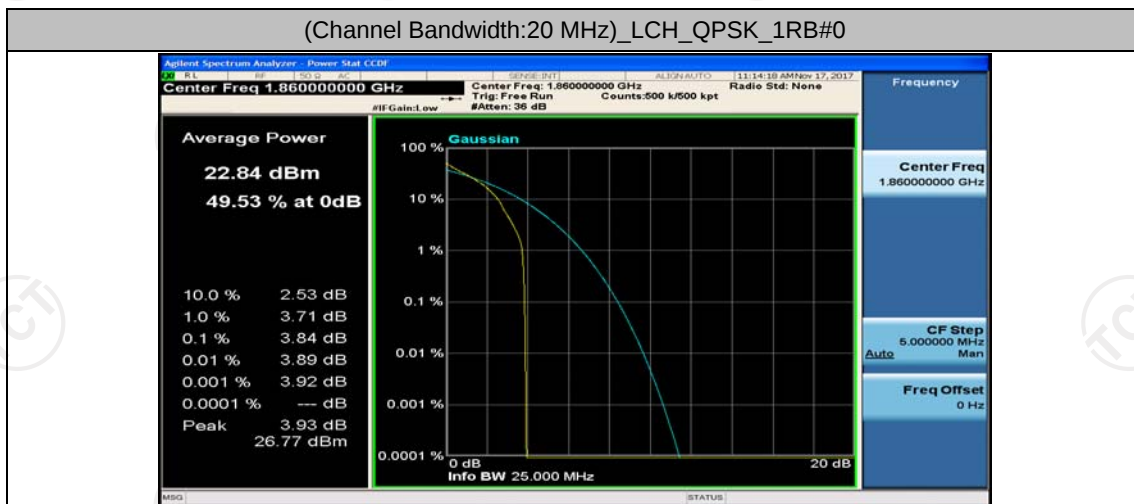


(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0



Channel Bandwidth: 20 MHz

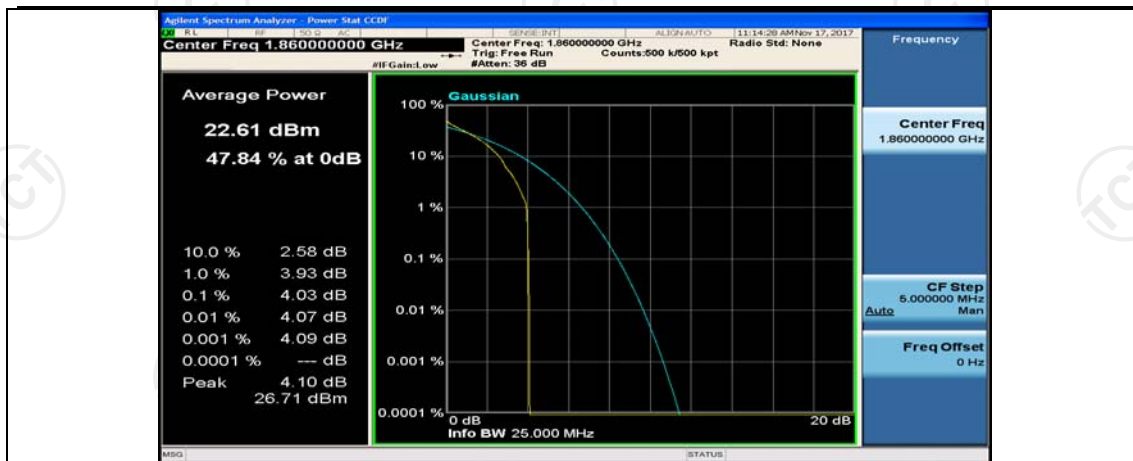
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#0



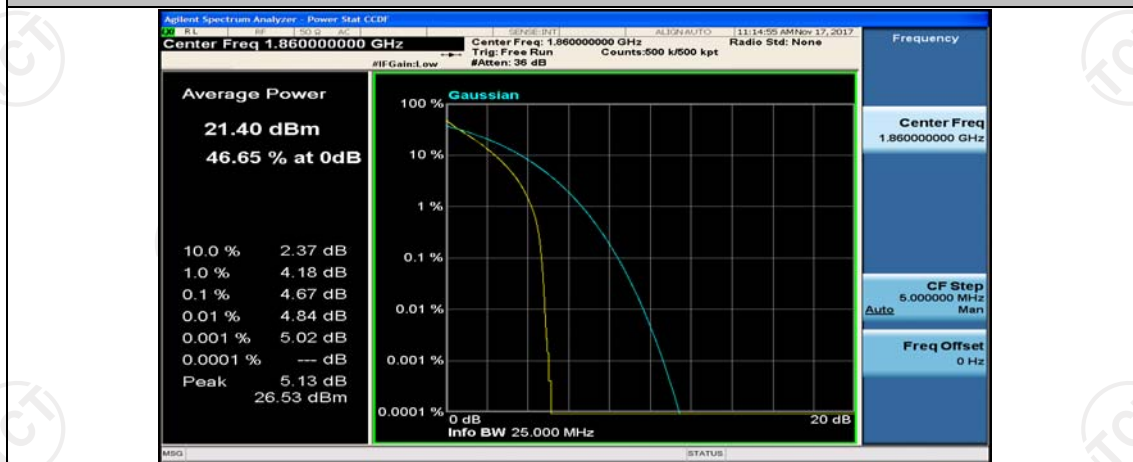
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#49



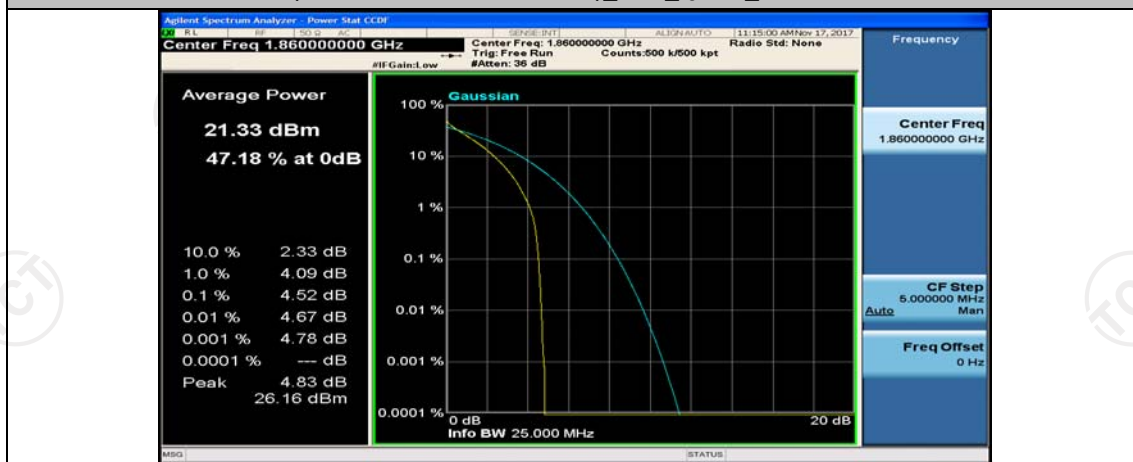
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#99



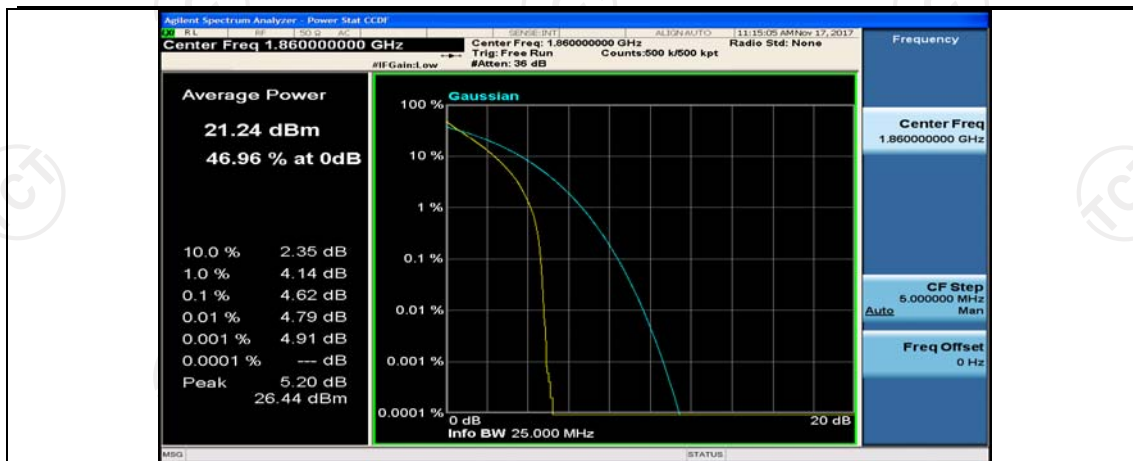
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#0



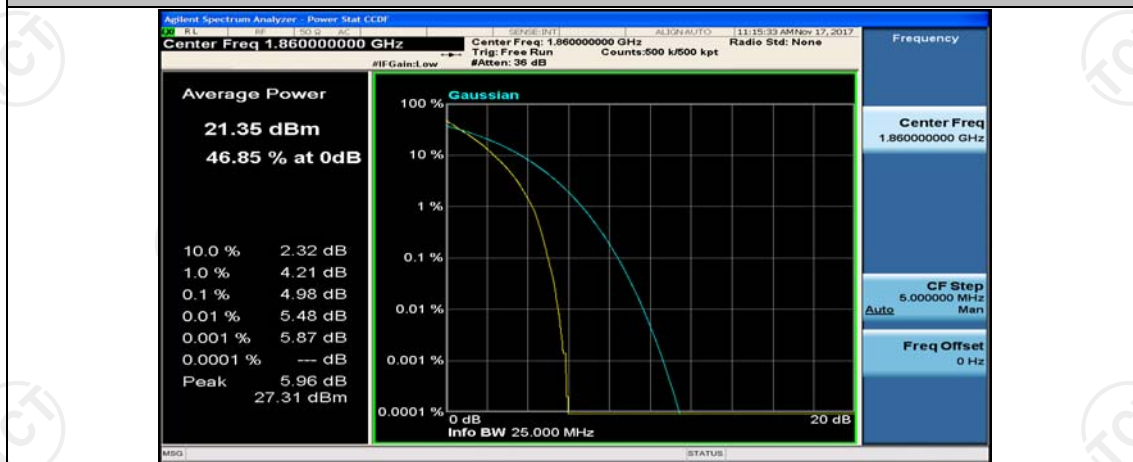
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#25



(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#50



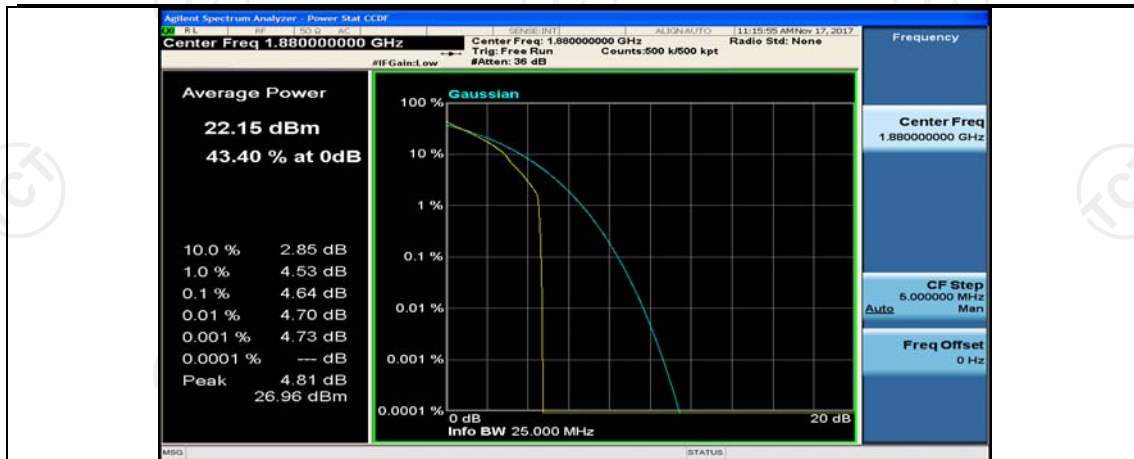
(Channel Bandwidth:20 MHz)_LCH_QPSK_100RB#0



(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0



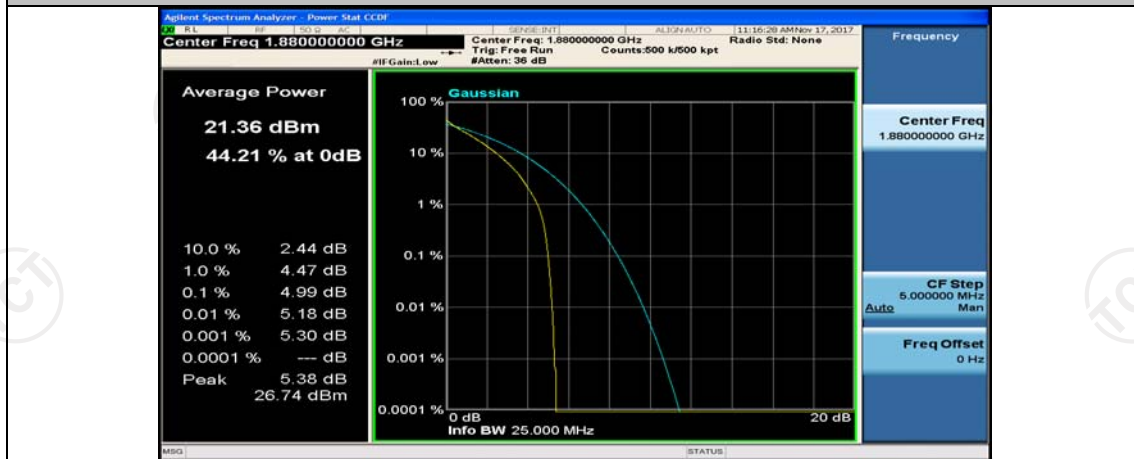
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49



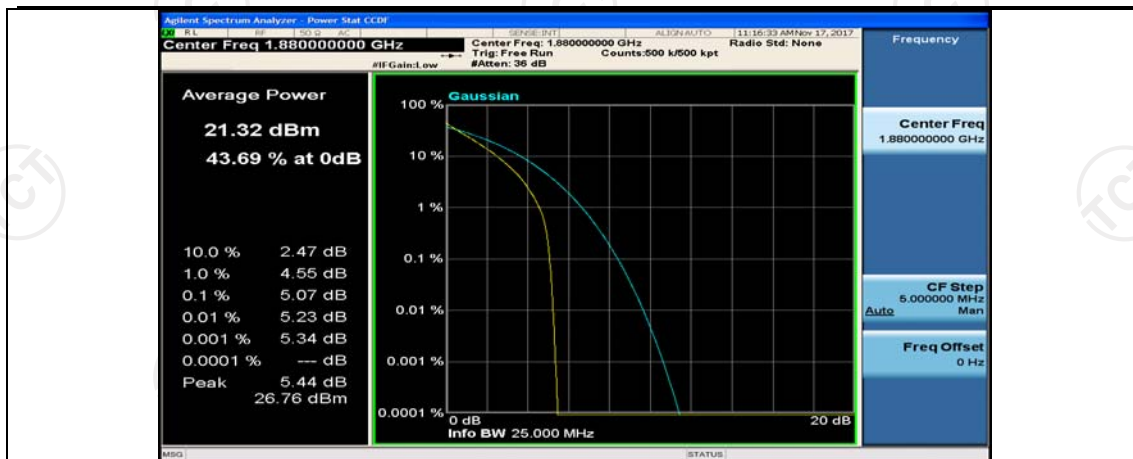
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#99



(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#0



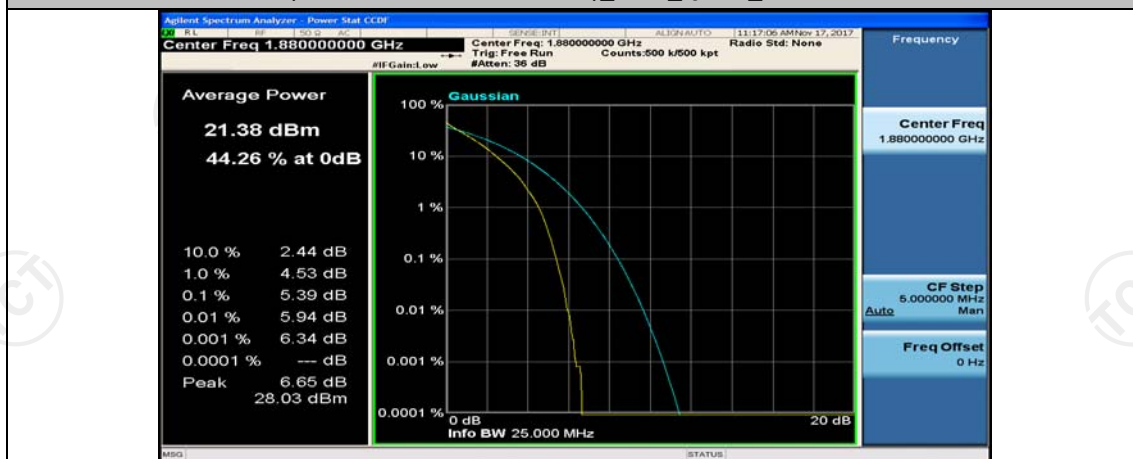
(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#25



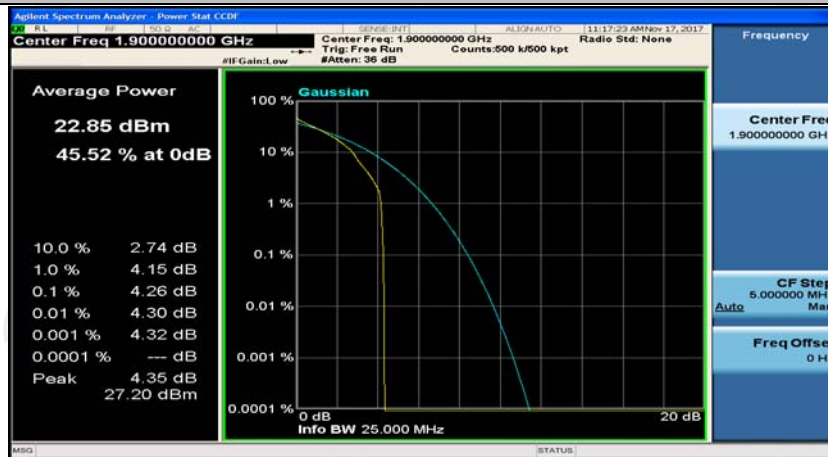
(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#50



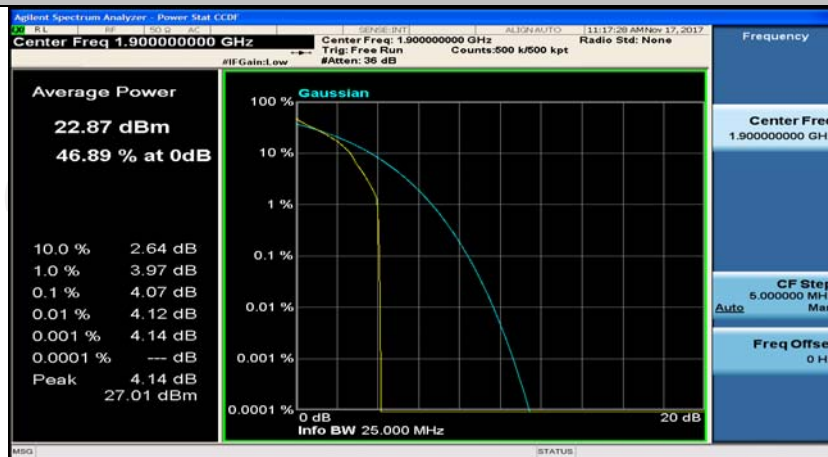
(Channel Bandwidth:20 MHz)_MCH_QPSK_100RB#0



(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0



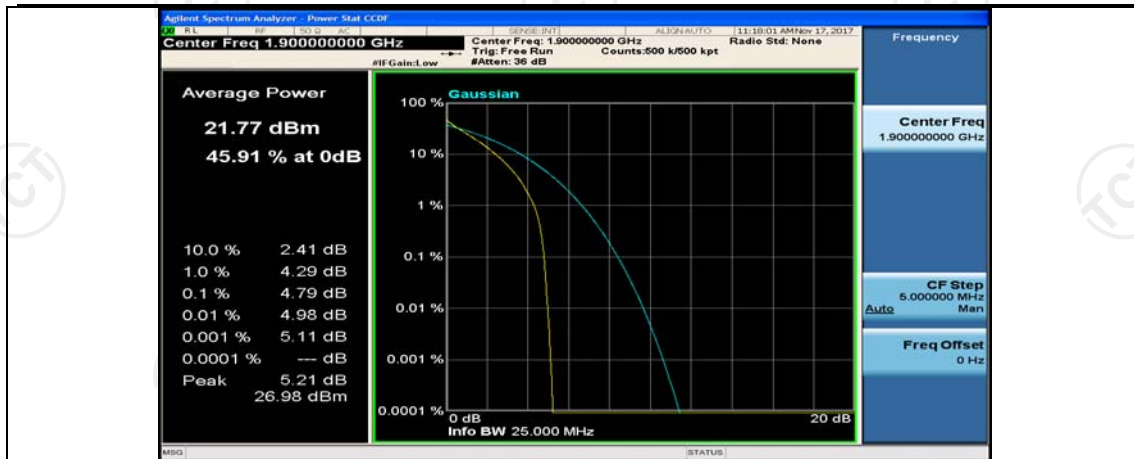
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49



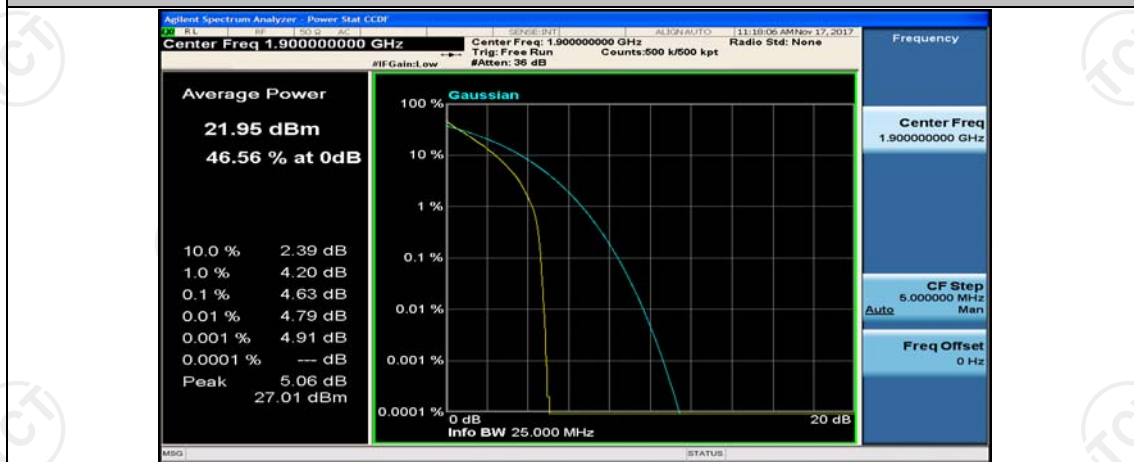
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#99



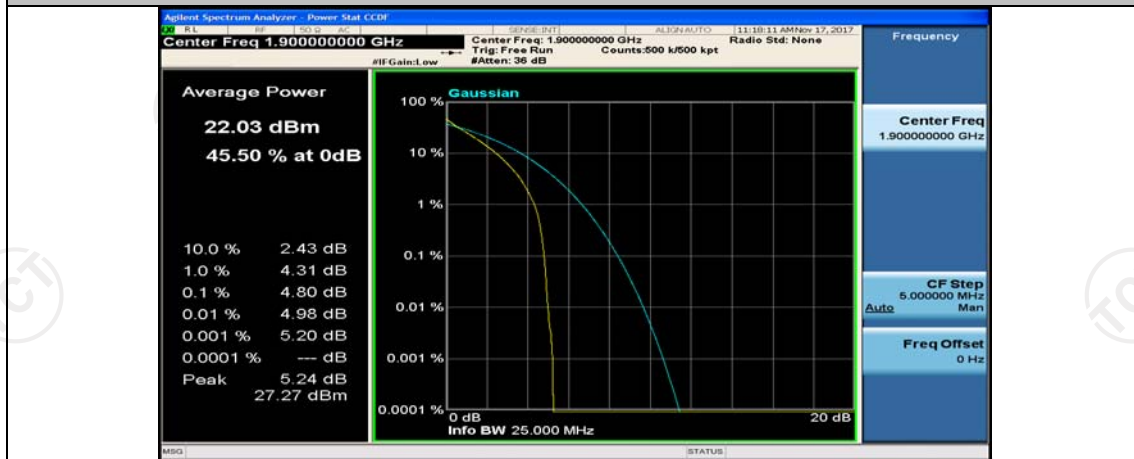
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#0



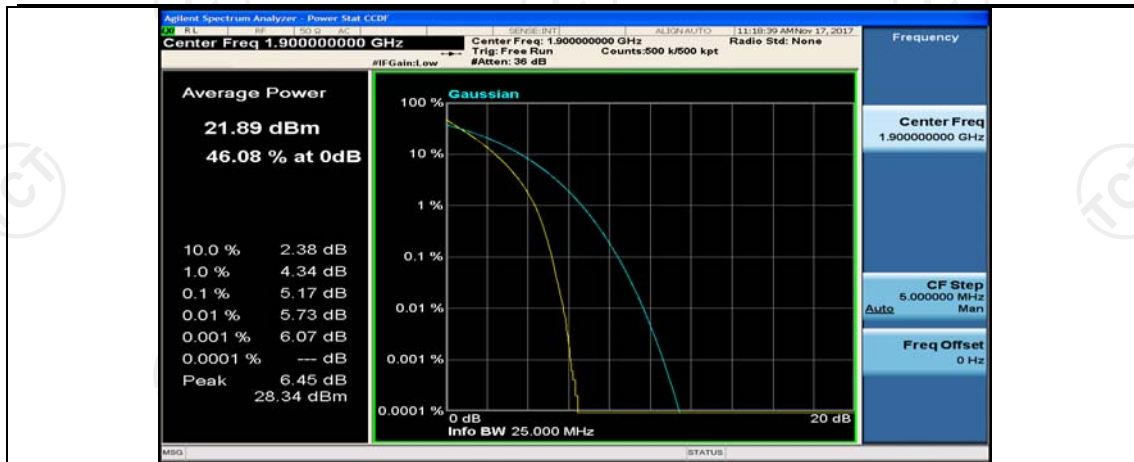
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#25



(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#50



(Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0



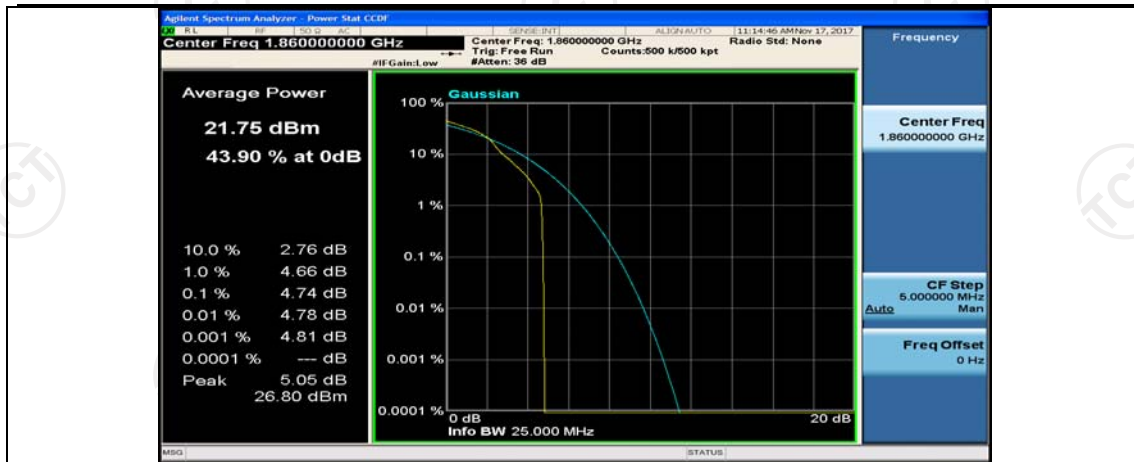
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0



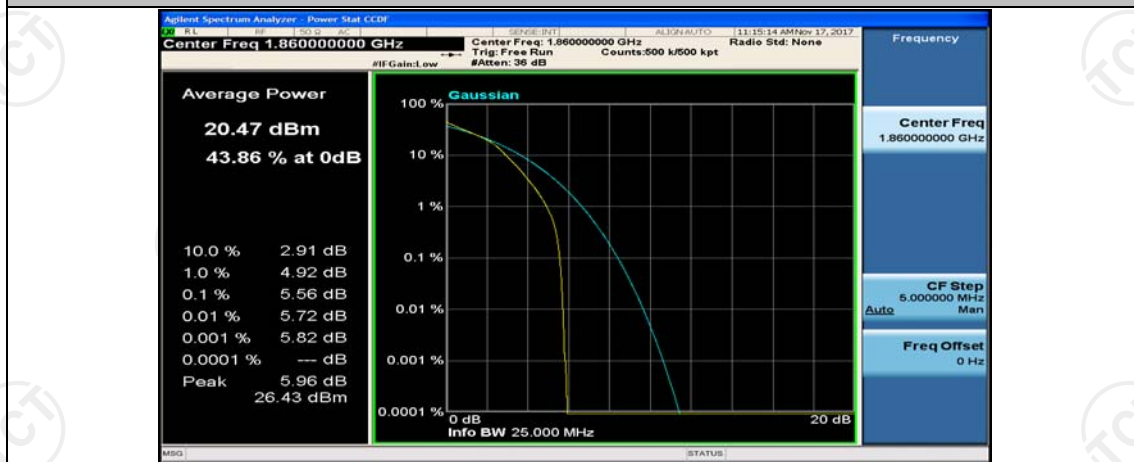
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#49



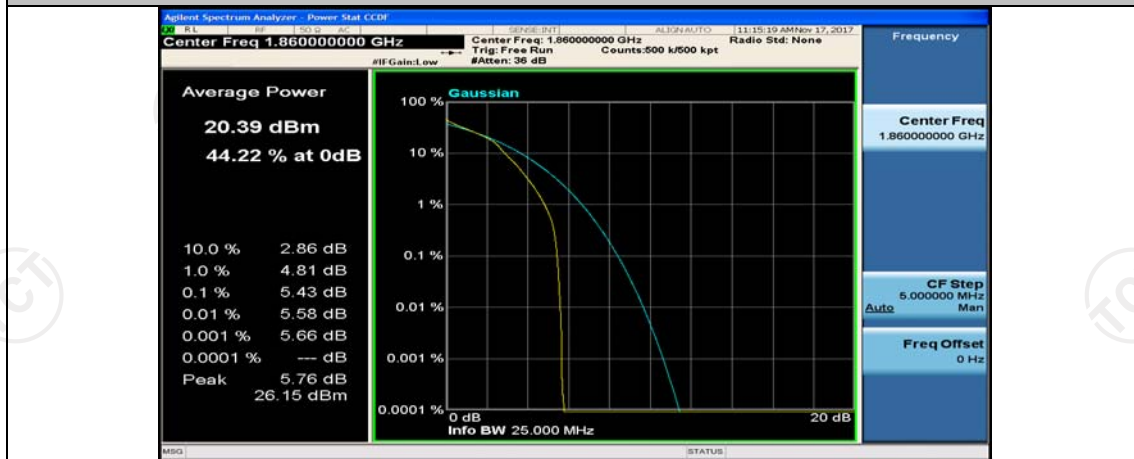
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#99



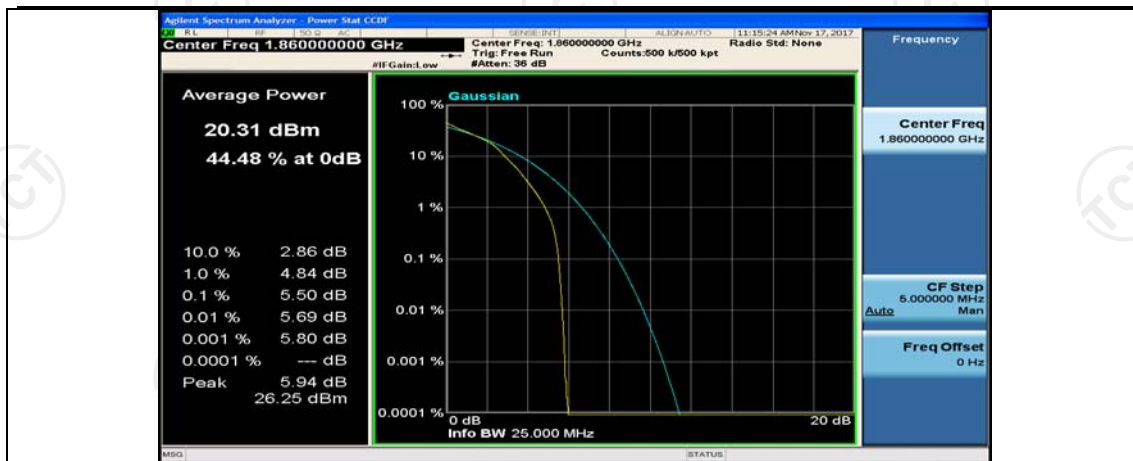
(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#0



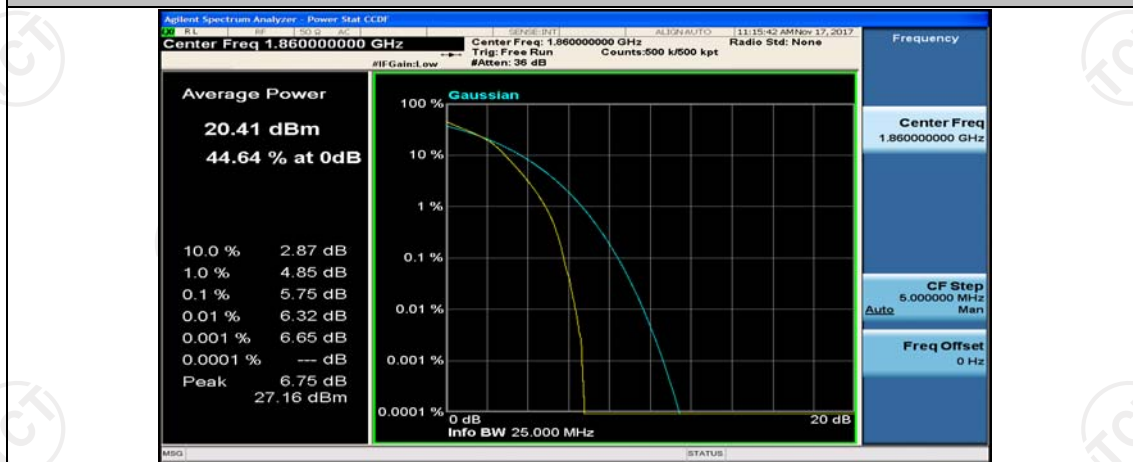
(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#25



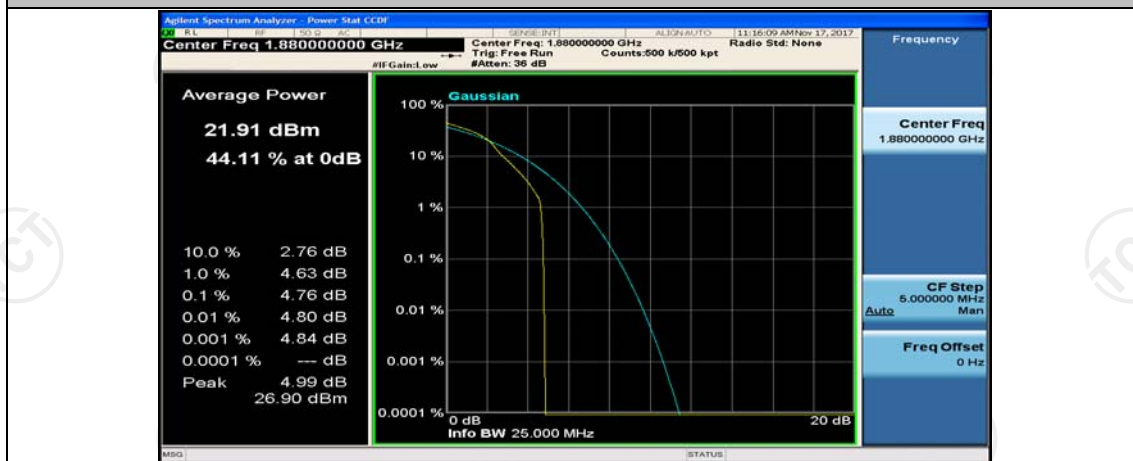
(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#50



(Channel Bandwidth:20 MHz)_LCH_16QAM_100RB#0



(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0



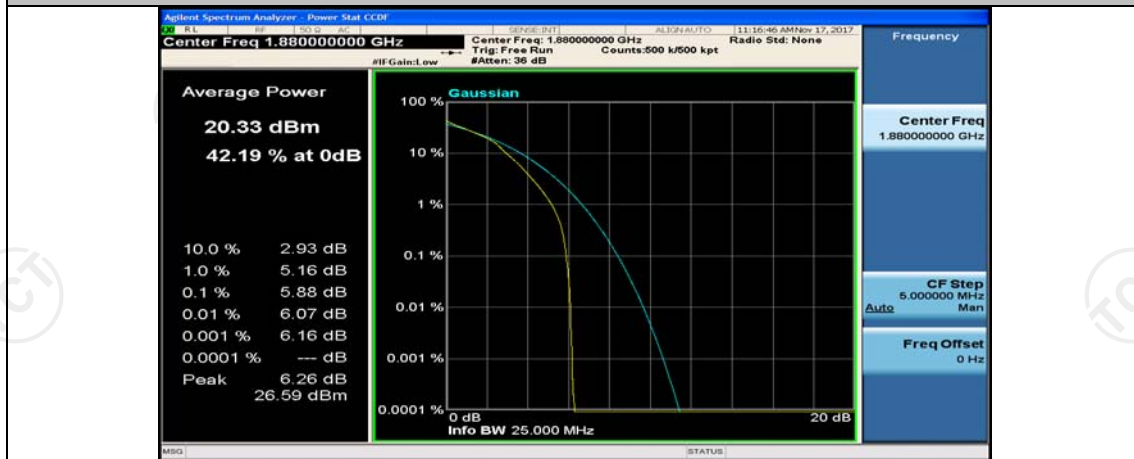
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49



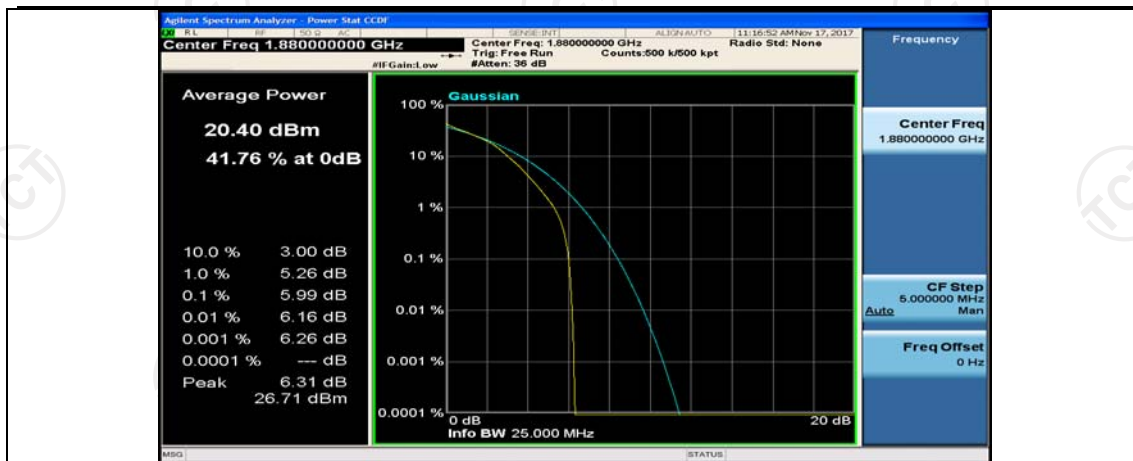
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#99



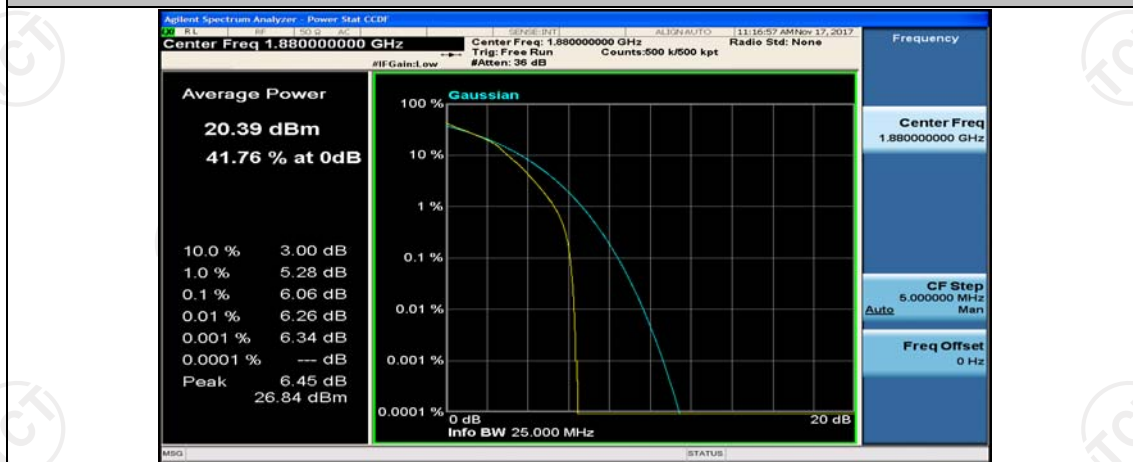
(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#0



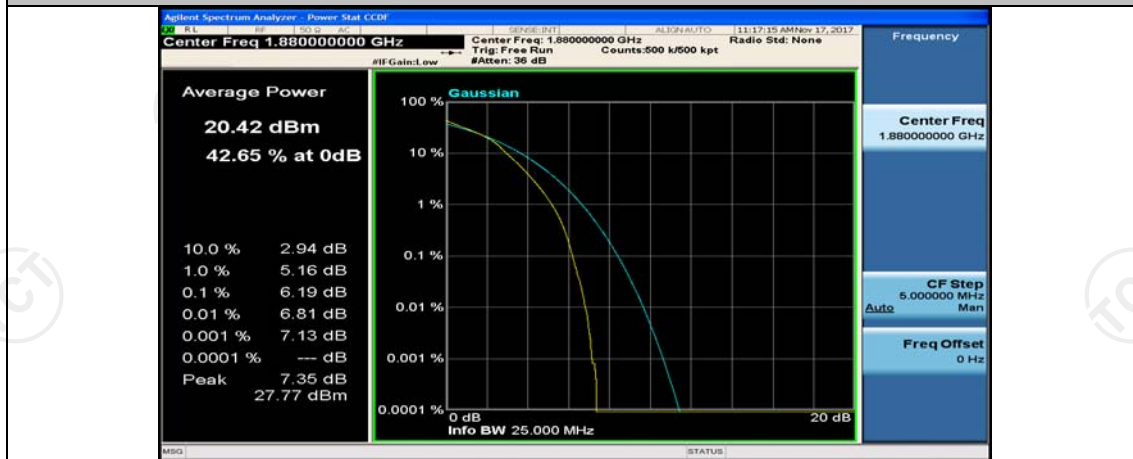
(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#25



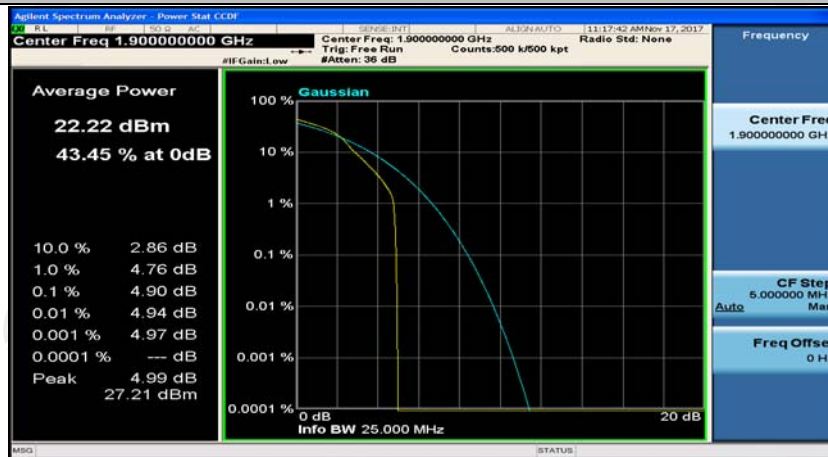
(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#50



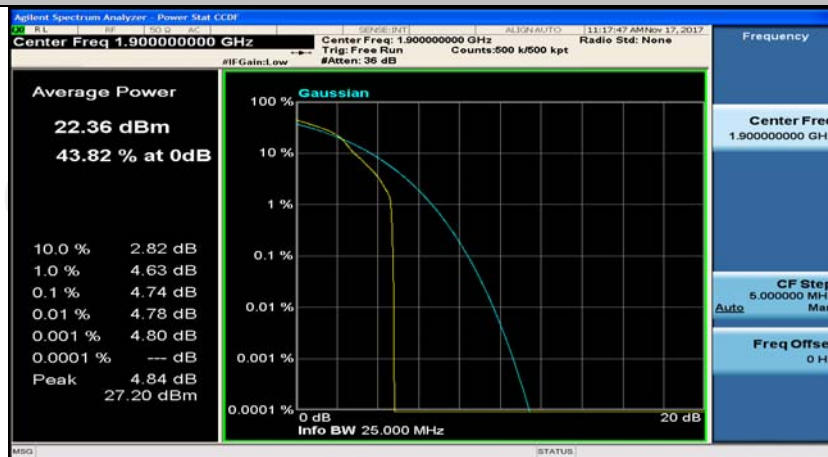
(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0



(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0



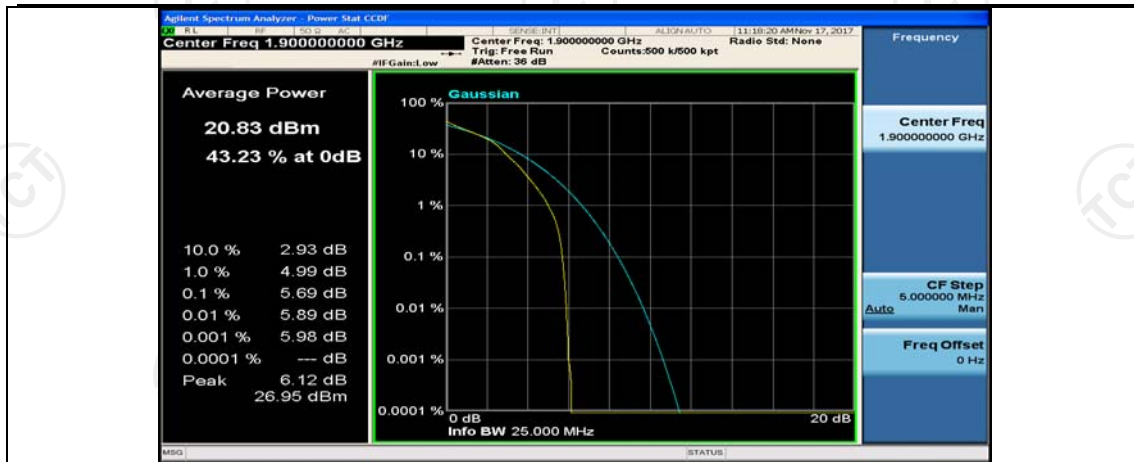
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#49



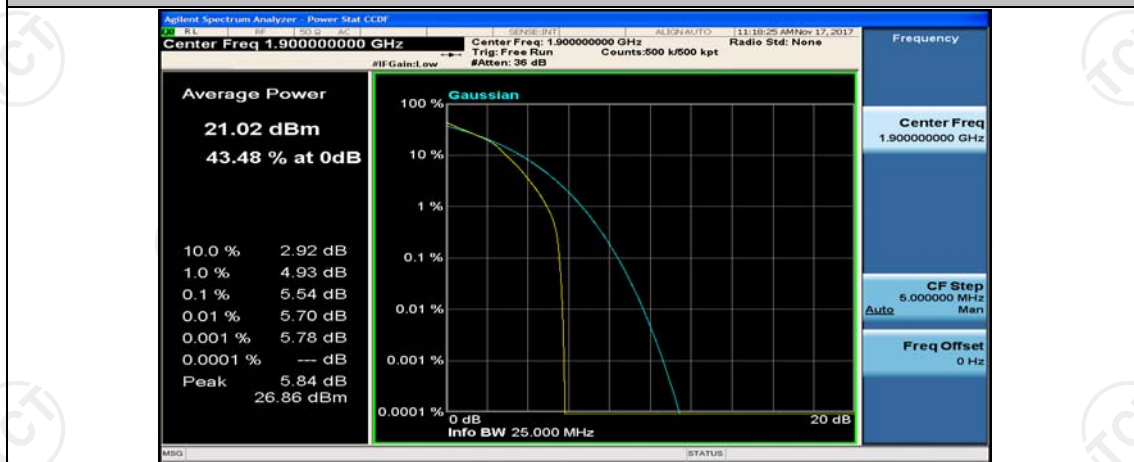
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#99



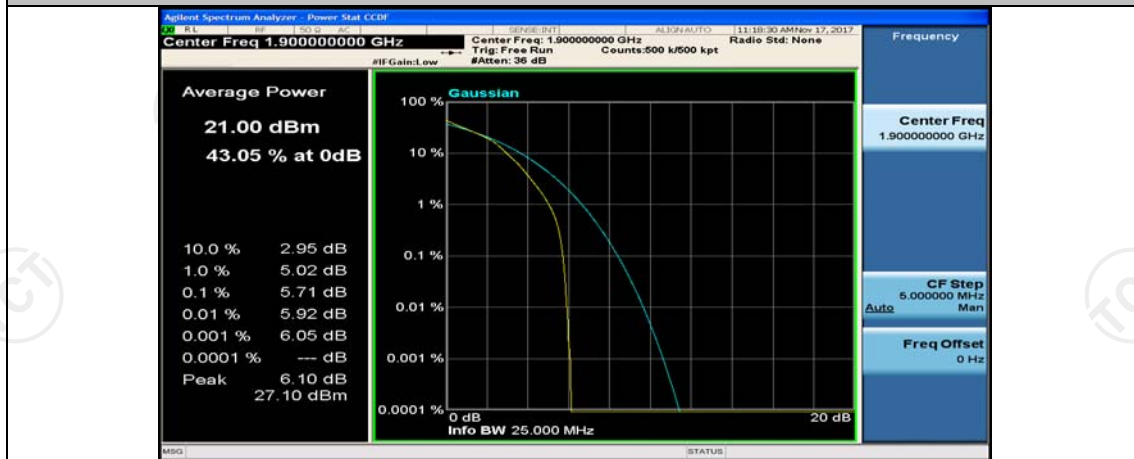
(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#0



(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#25



(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#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	0.21072	0.3116	PASS
		1	3	0.25544	0.4219	PASS
		1	5	0.21406	0.3315	PASS
		3	0	0.55118	0.7134	PASS
		3	2	0.557	0.8079	PASS
		3	3	0.55033	0.6953	PASS
		6	0	1.0776	1.234	PASS
	MCH	1	0	0.21136	0.3054	PASS
		1	3	0.25009	0.4279	PASS
		1	5	0.21256	0.33	PASS
		3	0	0.55117	0.7022	PASS
		3	2	0.55499	0.7927	PASS
		3	3	0.54793	0.6959	PASS
		6	0	1.0766	1.25	PASS
	HCH	1	0	0.2121	0.3108	PASS
		1	3	0.25405	0.4364	PASS
		1	5	0.21452	0.3242	PASS
		3	0	0.55129	0.7073	PASS
		3	2	0.55558	0.793	PASS
		3	3	0.54933	0.6993	PASS
		6	0	1.0768	1.252	PASS
16QAM	LCH	1	0	0.22453	0.3362	PASS
		1	3	0.26735	0.4518	PASS
		1	5	0.22755	0.3544	PASS
		3	0	0.55238	0.7084	PASS
		3	2	0.56431	0.8213	PASS
		3	3	0.55589	0.7239	PASS
		6	0	1.0811	1.263	PASS
	MCH	1	0	0.21889	0.3347	PASS
		1	3	0.26327	0.4564	PASS

		1	5	0.22177	0.3306	PASS
		3	0	0.55527	0.7067	PASS
		3	2	0.56095	0.7422	PASS
		3	3	0.55349	0.71	PASS
		6	0	1.0797	1.265	PASS
	HCH	1	0	0.22651	0.3512	PASS
		1	3	0.24654	0.4176	PASS
		1	5	0.22363	0.3481	PASS
		3	0	0.55601	0.7308	PASS
		3	2	0.56341	0.823	PASS
		3	3	0.55401	0.7284	PASS
		6	0	1.0813	1.239	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	0.23761	0.3529	PASS
		1	7	0.32039	0.482	PASS
		1	14	0.23841	0.3434	PASS
		8	0	1.4443	1.639	PASS
		8	4	1.4516	1.789	PASS
		8	7	1.444	1.658	PASS
		15	0	2.6833	2.899	PASS
	MCH	1	0	0.2414	0.3591	PASS
		1	7	0.32725	0.5616	PASS
		1	14	0.23693	0.3461	PASS
		8	0	1.4475	1.649	PASS
		8	4	1.4551	1.802	PASS
		8	7	1.4456	1.649	PASS
		15	0	2.6852	2.889	PASS
	HCH	1	0	0.23901	0.3513	PASS
		1	7	0.31567	0.5892	PASS
		1	14	0.235	0.3495	PASS
		8	0	1.4455	1.654	PASS
		8	4	1.4498	1.768	PASS
		8	7	1.4463	1.638	PASS
		15	0	2.6821	2.89	PASS

16QAM	LCH	1	0	0.23726	0.3788	PASS
		1	7	0.33372	0.5264	PASS
		1	14	0.23161	0.342	PASS
		8	0	1.4461	1.667	PASS
		8	4	1.4488	1.802	PASS
		8	7	1.4461	1.687	PASS
		15	0	2.6828	2.876	PASS
	MCH	1	0	0.23801	0.3657	PASS
		1	7	0.33822	0.5089	PASS
		1	14	0.23909	0.3527	PASS
		8	0	1.4463	1.66	PASS
		8	4	1.4566	1.875	PASS
		8	7	1.4498	1.679	PASS
		15	0	2.6879	2.897	PASS
	HCH	1	0	0.23738	0.3493	PASS
		1	7	0.31956	0.505	PASS
		1	14	0.23617	0.3241	PASS
		8	0	1.4452	1.661	PASS
		8	4	1.4516	1.82	PASS
		8	7	1.448	1.655	PASS
		15	0	2.6849	2.893	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	0.28562	0.4635	PASS
		1	12	0.39986	0.6590	PASS
		1	24	0.29779	0.4855	PASS
		12	0	2.1741	2.526	PASS
		12	6	2.1838	2.681	PASS
		12	13	2.1744	2.504	PASS
		25	0	4.4862	4.855	PASS
	MCH	1	0	0.28603	0.4441	PASS
		1	12	0.40782	0.6787	PASS
		1	24	0.29024	0.4660	PASS
		12	0	2.1753	2.492	PASS
		12	6	2.1837	2.704	PASS
		12	13	2.1743	2.530	PASS

	HCH	25	0	4.4811	4.815	PASS
		1	0	0.28574	0.4549	PASS
		1	12	0.40491	0.6811	PASS
		1	24	0.28935	0.4736	PASS
		12	0	2.1740	2.550	PASS
		12	6	2.1831	2.742	PASS
		12	13	2.1773	2.516	PASS
		25	0	4.4808	4.848	PASS
16QAM	LCH	1	0	0.29395	0.4369	PASS
		1	12	0.44072	0.6096	PASS
		1	24	0.31021	0.4663	PASS
		12	0	2.1761	2.513	PASS
		12	6	2.1817	2.702	PASS
		12	13	2.1767	2.480	PASS
		25	0	4.4889	4.822	PASS
		25	0	4.4803	4.798	PASS
	MCH	1	0	0.29526	0.4702	PASS
		1	12	0.44631	0.6525	PASS
		1	24	0.29878	0.4772	PASS
		12	0	2.1753	2.508	PASS
		12	6	2.1833	2.700	PASS
		12	13	2.1773	2.478	PASS
		25	0	4.4803	4.798	PASS
		25	0	4.4803	4.798	PASS
	HCH	1	0	0.29472	0.4406	PASS
		1	12	0.42620	0.6780	PASS
		1	24	0.29538	0.4896	PASS
		12	0	2.1790	2.540	PASS
		12	6	2.1864	2.693	PASS
		12	13	2.1790	2.533	PASS
		25	0	4.4850	4.847	PASS
		25	0	4.4850	4.847	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	0.39099	0.5738	PASS
		1	25	0.46727	0.7199	PASS
		1	49	0.37737	0.5706	PASS
		25	0	4.5221	4.959	PASS
		25	12	4.5057	5.065	PASS
		25	25	4.5037	5.009	PASS
		50	0	8.9303	9.389	PASS

	MCH	1	0	0.38201	0.5957	PASS
		1	25	0.46062	0.6953	PASS
		1	49	0.38693	0.5725	PASS
		25	0	4.5222	4.962	PASS
		25	12	4.5105	5.022	PASS
		25	25	4.5123	4.956	PASS
		50	0	8.9426	9.523	PASS
	HCH	1	0	0.38675	0.5536	PASS
		1	25	0.45890	0.7147	PASS
		1	49	0.38303	0.5640	PASS
		25	0	4.5115	4.986	PASS
		25	12	4.5129	5.088	PASS
		25	25	4.5153	4.993	PASS
		50	0	8.9336	9.453	PASS
16QAM	LCH	1	0	0.38034	0.5503	PASS
		1	25	0.46568	0.7119	PASS
		1	49	0.39012	0.5419	PASS
		25	0	4.5154	4.960	PASS
		25	12	4.5147	5.004	PASS
		25	25	4.5047	4.898	PASS
		50	0	8.9258	9.419	PASS
	MCH	1	0	0.39051	0.5999	PASS
		1	25	0.47488	0.7358	PASS
		1	49	0.39318	0.5761	PASS
		25	0	4.5152	4.935	PASS
		25	12	4.5104	5.087	PASS
		25	25	4.5167	4.936	PASS
		50	0	8.9302	9.470	PASS
	HCH	1	0	0.38642	0.5789	PASS
		1	25	0.45716	0.7048	PASS
		1	49	0.37971	0.5670	PASS
		25	0	4.5122	4.928	PASS
		25	12	4.5137	5.118	PASS
		25	25	4.5079	4.942	PASS
		50	0	8.9300	9.444	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	0.49963	0.7648	PASS
		1	37	0.56594	0.8249	PASS
		1	74	0.48919	0.7335	PASS
		37	0	6.4938	7.044	PASS
		37	18	6.4983	7.494	PASS
		37	38	6.4853	7.136	PASS
		75	0	13.390	14.01	PASS
	MCH	1	0	0.49514	0.7374	PASS
		1	37	0.57709	0.8629	PASS
		1	74	0.48734	0.7330	PASS
		37	0	6.4955	7.057	PASS
		37	18	6.4975	7.294	PASS
		37	38	6.5052	7.094	PASS
		75	0	13.420	14.14	PASS
	HCH	1	0	0.49042	0.7442	PASS
		1	37	0.60555	0.8984	PASS
		1	74	0.49415	0.6963	PASS
		37	0	6.4805	7.023	PASS
		37	18	6.4936	7.483	PASS
		37	38	6.4905	7.124	PASS
		75	0	13.412	14.15	PASS
16QAM	LCH	1	0	0.49706	0.7401	PASS
		1	37	0.58305	0.8304	PASS
		1	74	0.49050	0.7172	PASS
		37	0	6.4883	7.094	PASS
		37	18	6.4966	7.293	PASS
		37	38	6.4937	7.037	PASS
		75	0	13.390	14.05	PASS
	MCH	1	0	0.49728	0.7824	PASS
		1	37	0.60341	0.8430	PASS
		1	74	0.50387	0.7529	PASS
		37	0	6.4927	7.046	PASS
		37	18	6.4991	7.517	PASS
		37	38	6.4986	7.101	PASS
		75	0	13.414	14.02	PASS
	HCH	1	0	0.49357	0.7581	PASS
		1	37	0.58931	0.7827	PASS
		1	74	0.48803	0.6983	PASS
		37	0	6.4814	7.050	PASS
		37	18	6.4953	7.260	PASS
		37	38	6.4753	7.116	PASS
		75	0	13.408	14.02	PASS

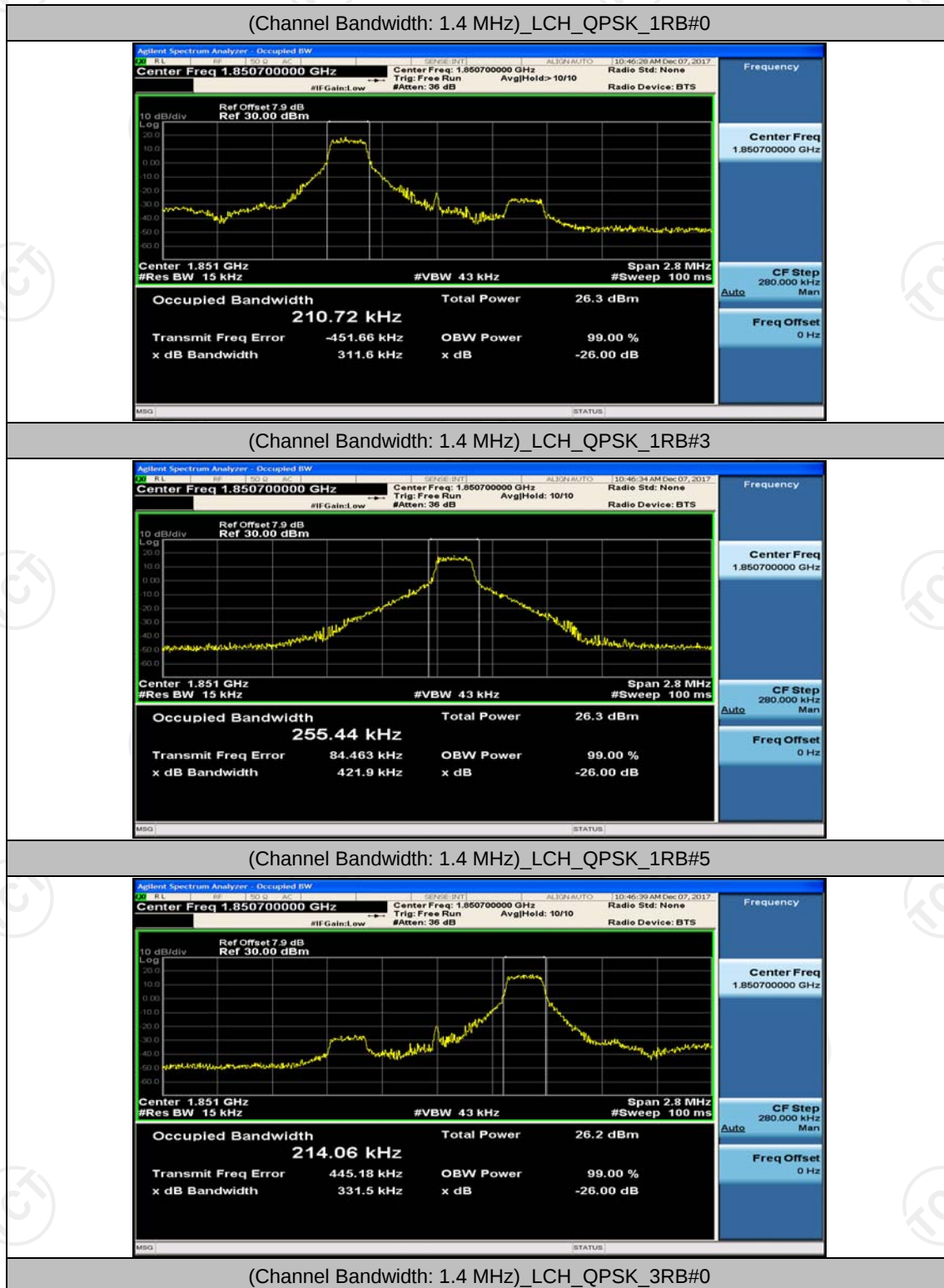
Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.57187	0.8183	PASS
		1	50	0.65637	0.9391	PASS
		1	99	0.56881	0.8007	PASS
		50	0	8.9800	9.663	PASS
		50	25	8.9943	9.849	PASS
		50	50	8.9856	9.628	PASS
		100	0	17.835	18.66	PASS
	MCH	1	0	0.56859	0.8429	PASS
		1	50	0.64055	0.9316	PASS
		1	99	0.58525	0.8050	PASS
		50	0	8.9982	9.708	PASS
		50	25	8.9949	9.873	PASS
		50	50	8.9940	9.648	PASS
		100	0	17.879	18.67	PASS
	HCH	1	0	0.58007	0.8534	PASS
		1	50	0.65781	0.9863	PASS
		1	99	0.58236	0.8700	PASS
		50	0	8.9983	9.637	PASS
		50	25	8.9939	9.839	PASS
		50	50	8.9927	9.731	PASS
		100	0	17.847	18.56	PASS
16QAM	LCH	1	0	0.56909	0.8498	PASS
		1	50	0.64395	0.9105	PASS
		1	99	0.57315	0.8196	PASS
		50	0	8.9960	9.640	PASS
		50	25	8.9925	9.934	PASS
		50	50	9.0022	9.654	PASS
		100	0	17.829	18.57	PASS
	MCH	1	0	0.56286	0.8120	PASS
		1	50	0.63257	0.9750	PASS
		1	99	0.56575	0.8133	PASS
		50	0	8.9980	9.593	PASS
		50	25	8.9935	9.645	PASS
		50	50	9.0004	9.709	PASS
		100	0	17.883	18.61	PASS

	HCH	1	0	0.57320	0.8090	PASS
		1	50	0.64367	0.9136	PASS
		1	99	0.56977	0.7990	PASS
		50	0	8.9918	9.637	PASS
		50	25	8.9696	9.822	PASS
		50	50	8.9930	9.690	PASS
		100	0	17.856	18.65	PASS

Test Graphs

Channel Bandwidth: 1.4 MHz





(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2



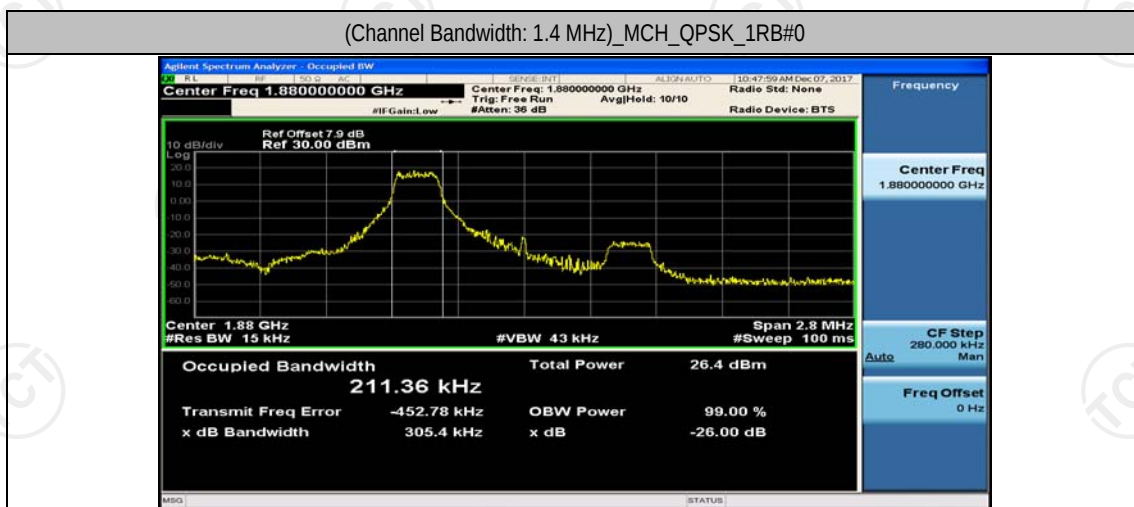
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#3



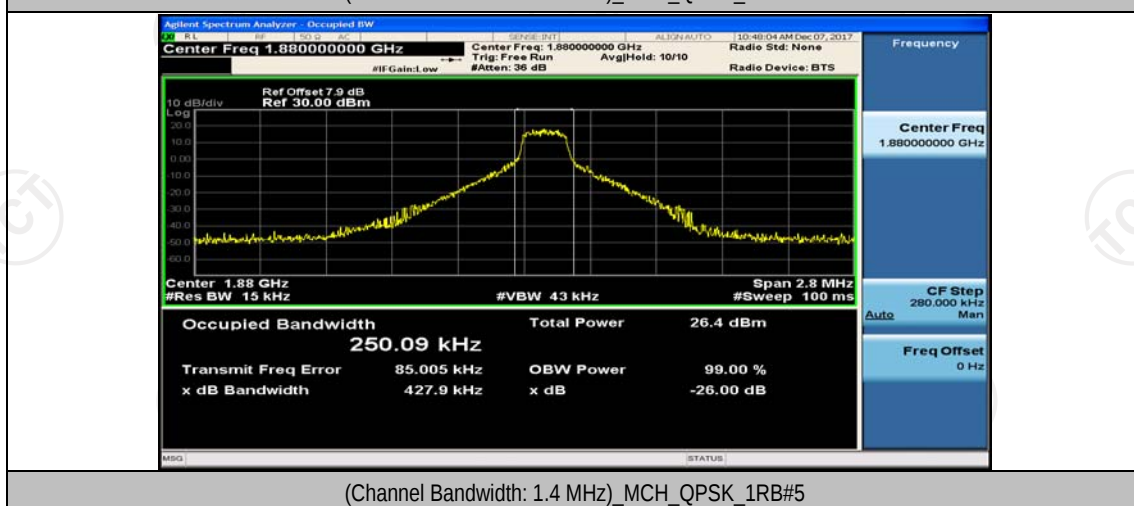
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



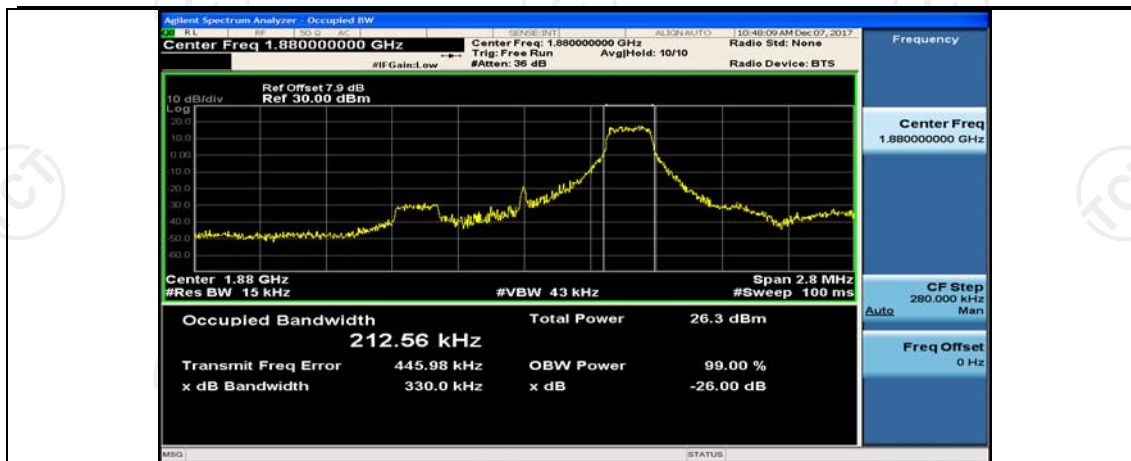
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



(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



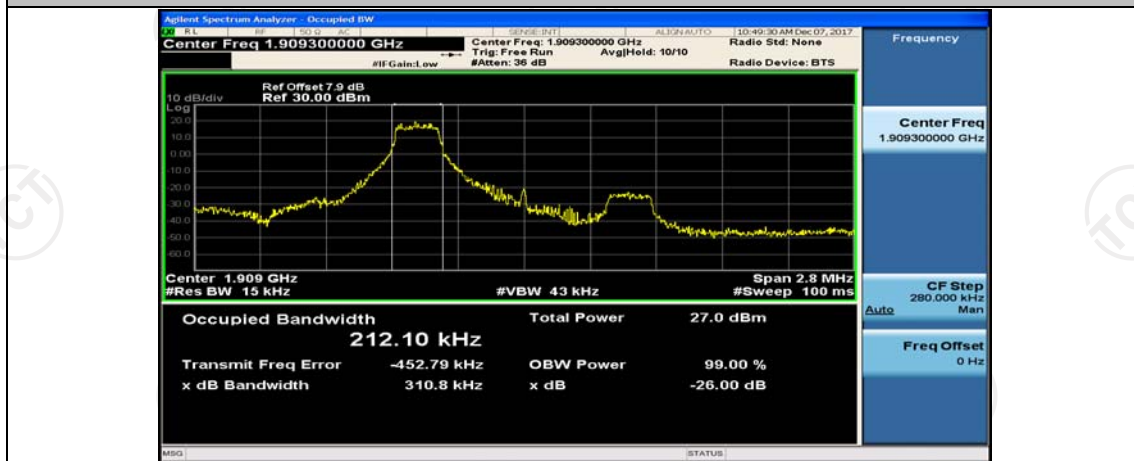
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#3



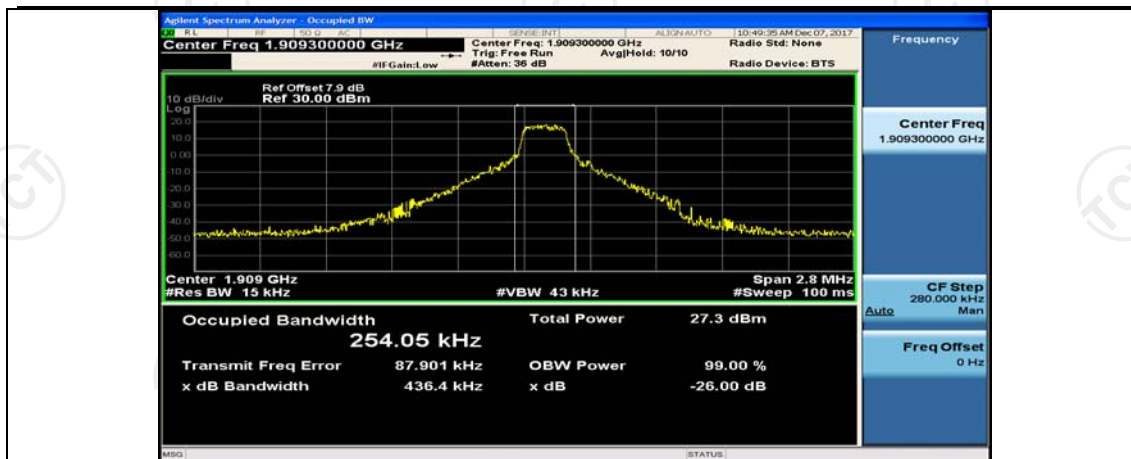
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



(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



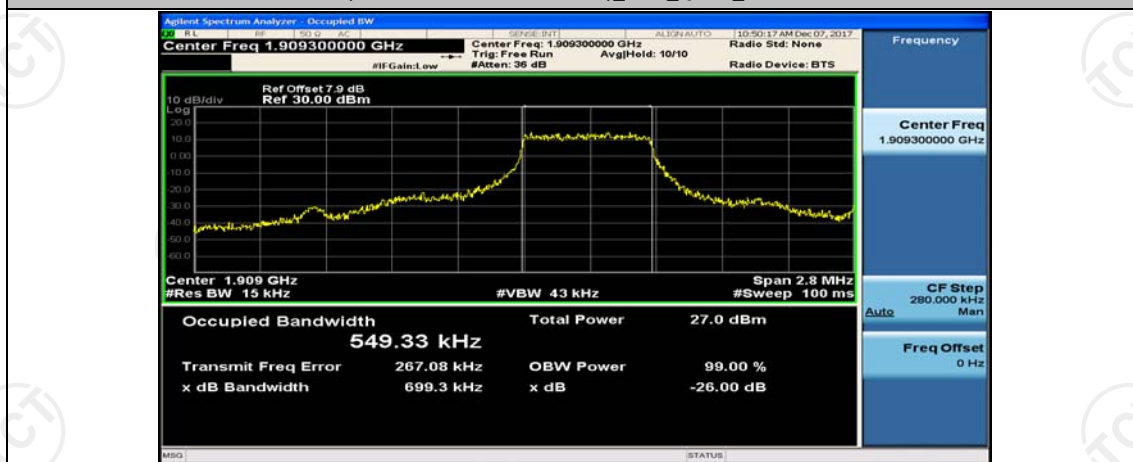
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0



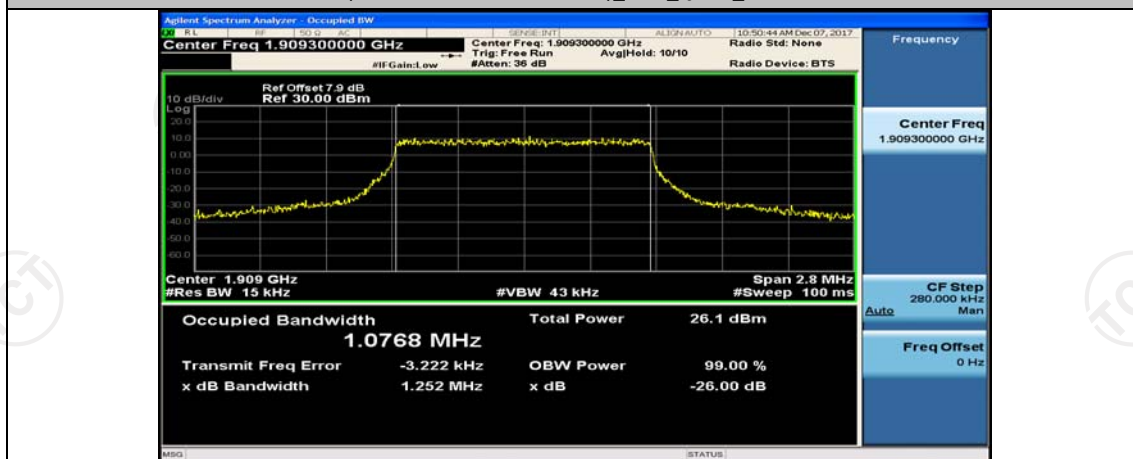
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2



(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



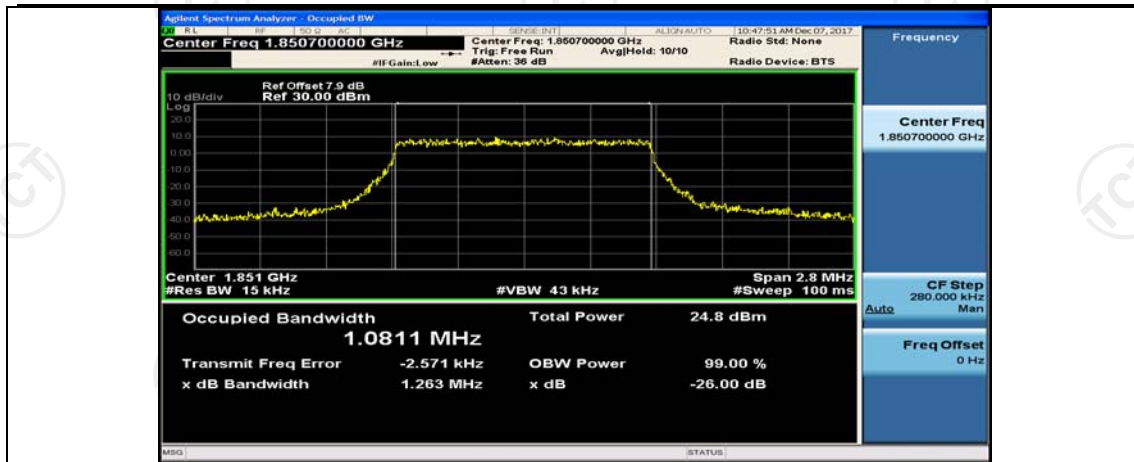
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#2



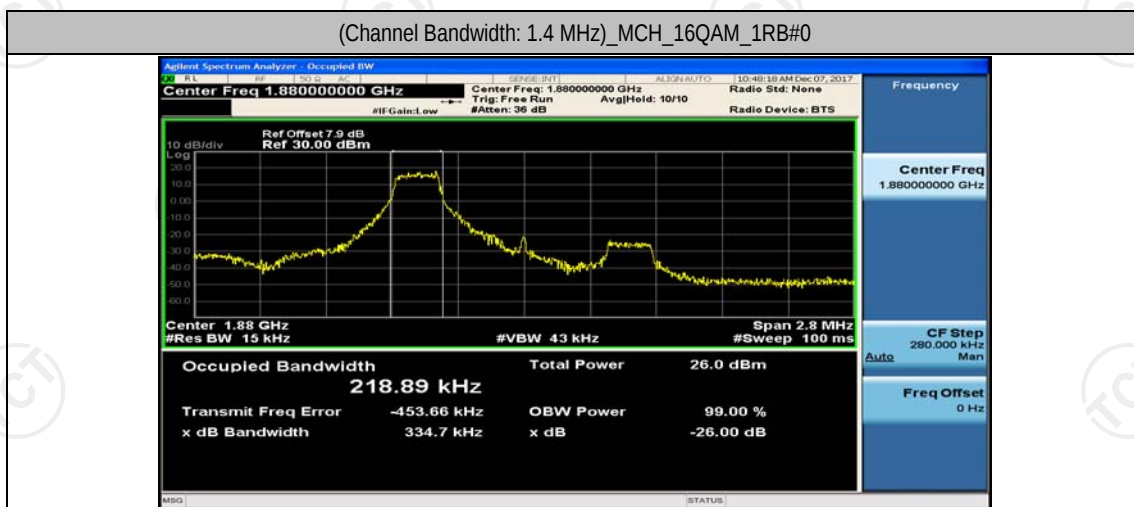
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3



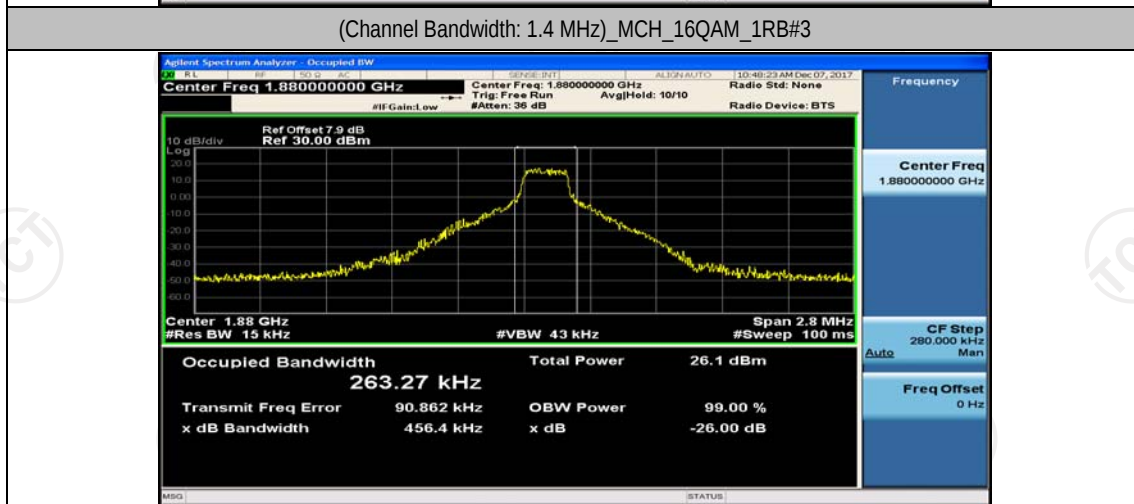
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



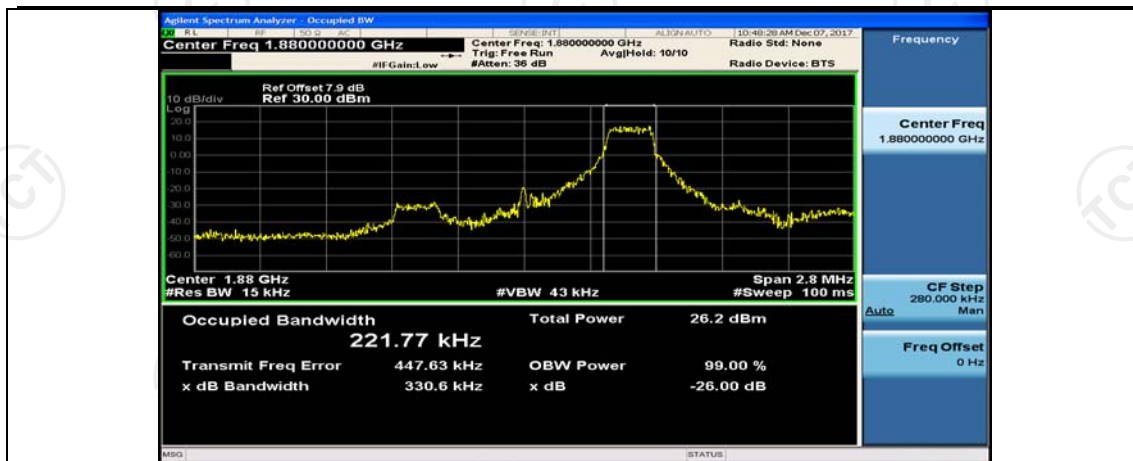
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0



(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



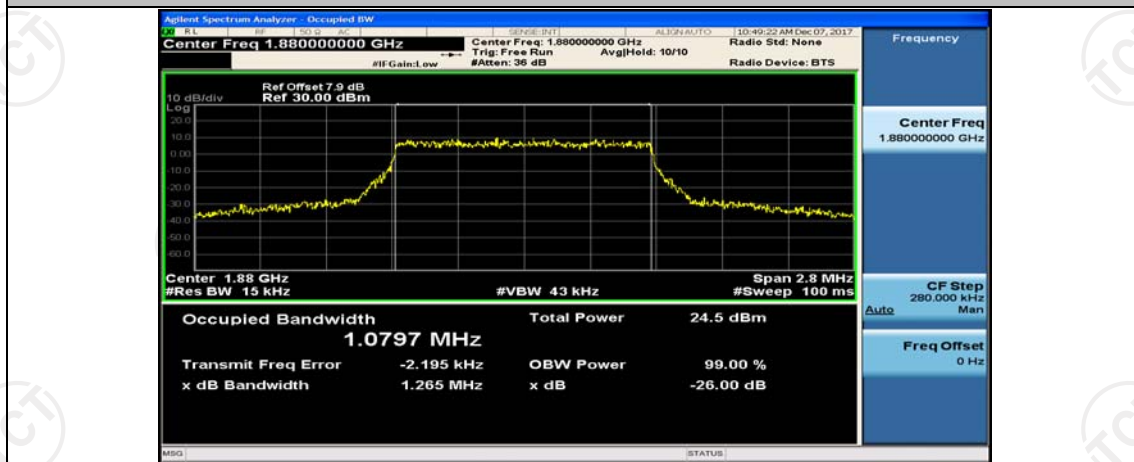
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#2



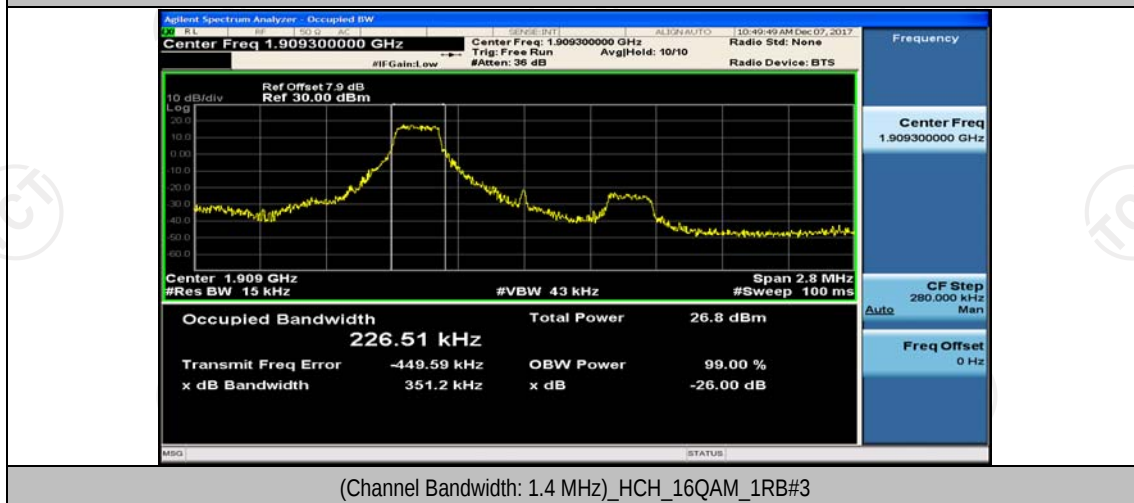
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#3



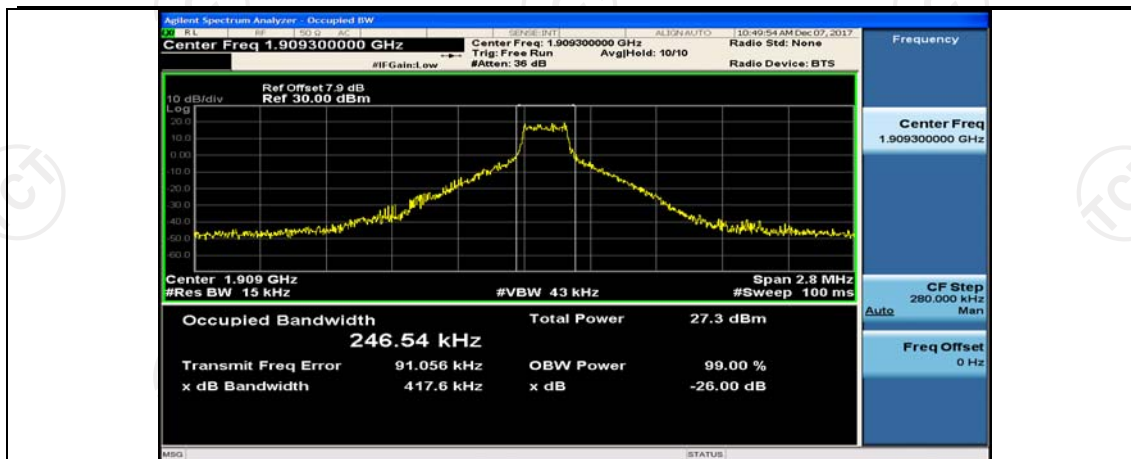
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



(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