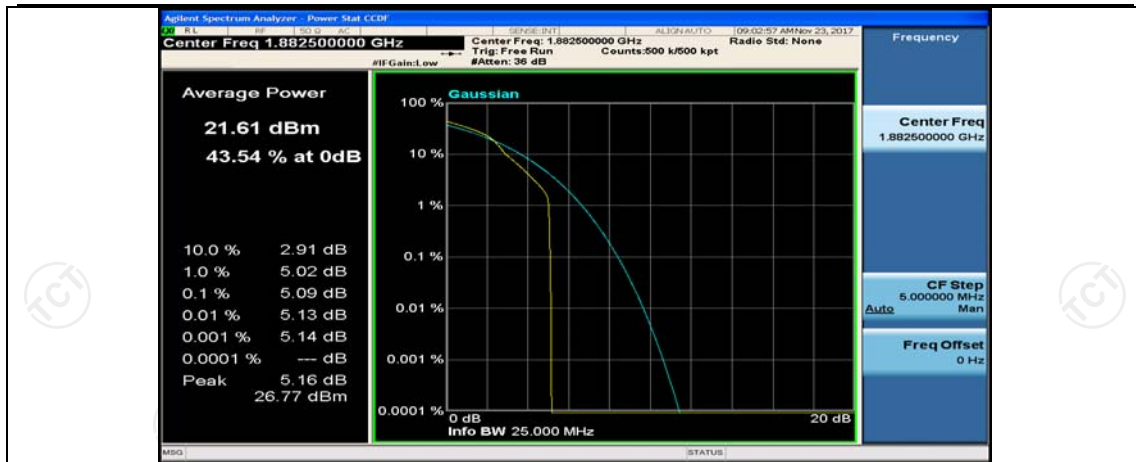
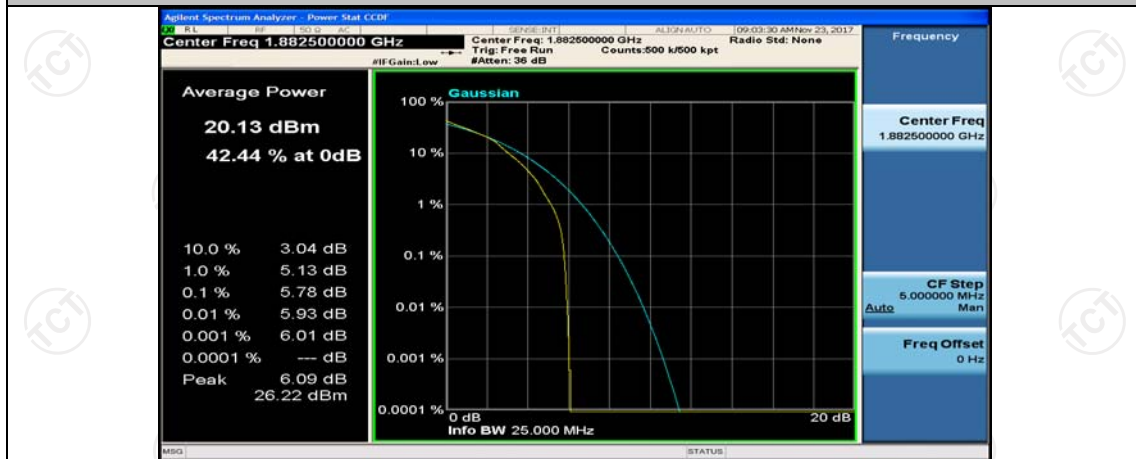




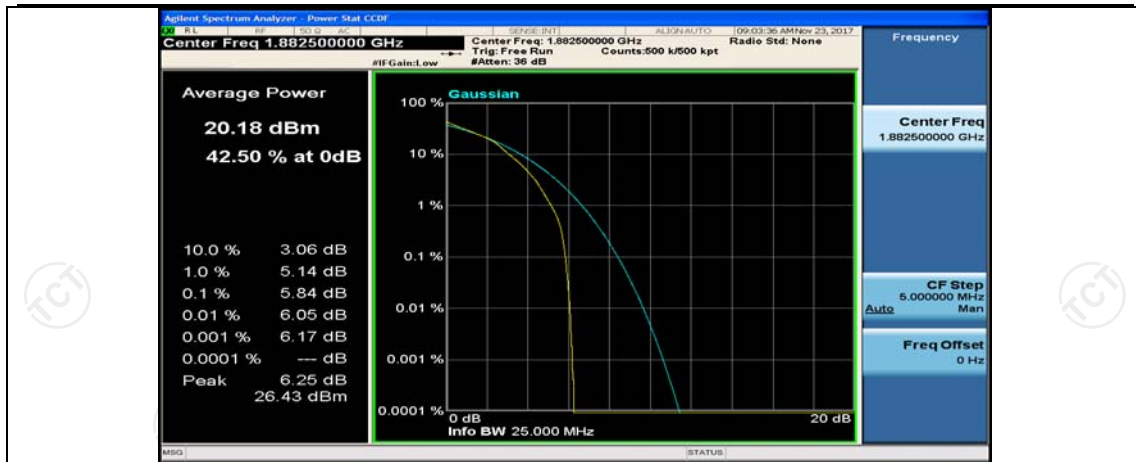
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#0



(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#18



(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#38



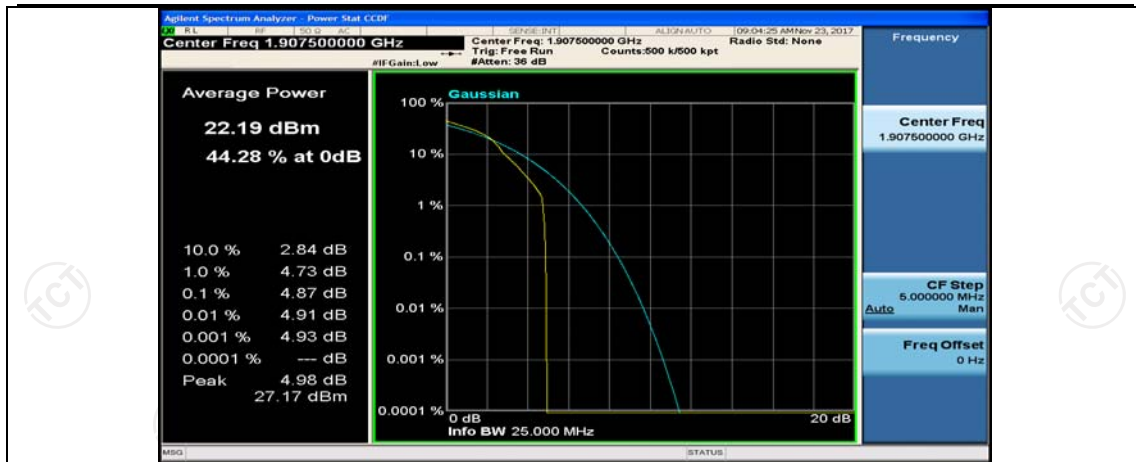
(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0



(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0



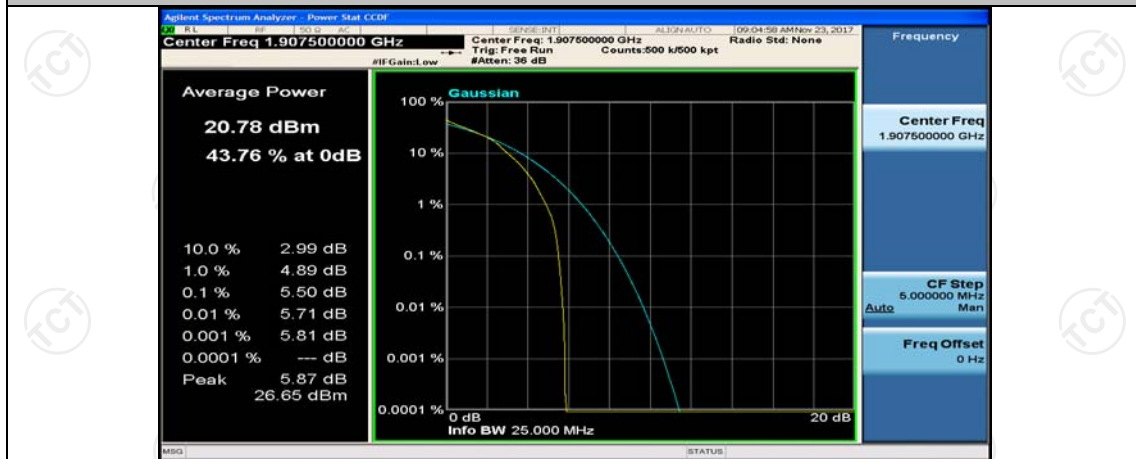
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37



(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#74



(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#0



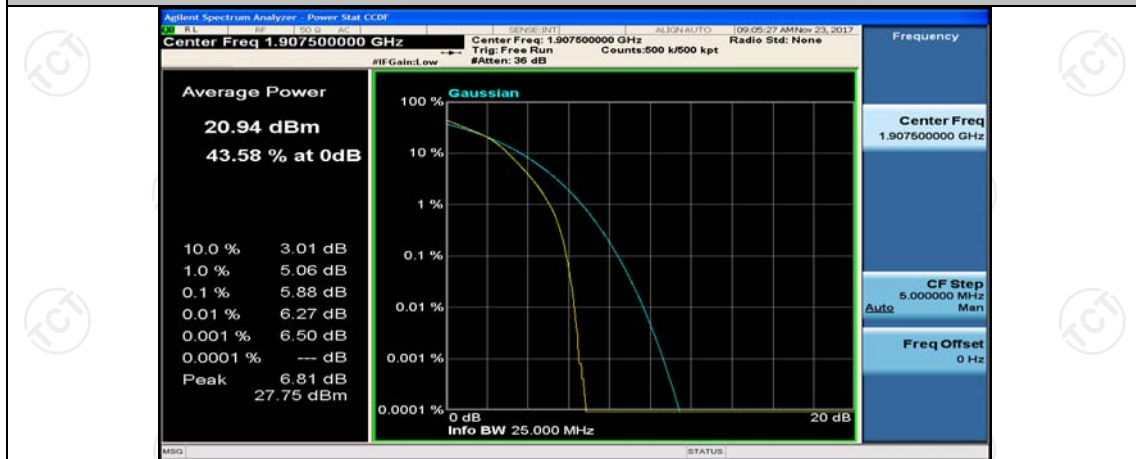
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#18



(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



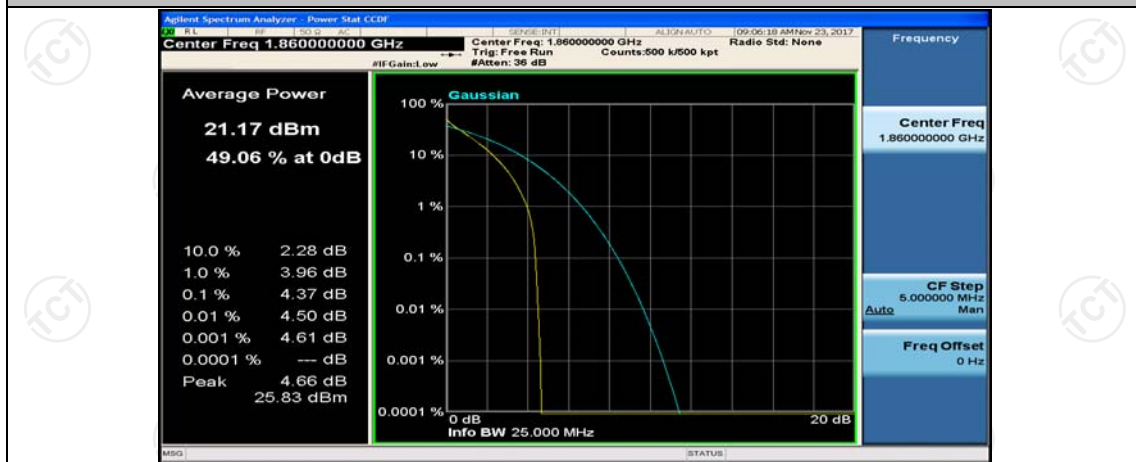
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#99



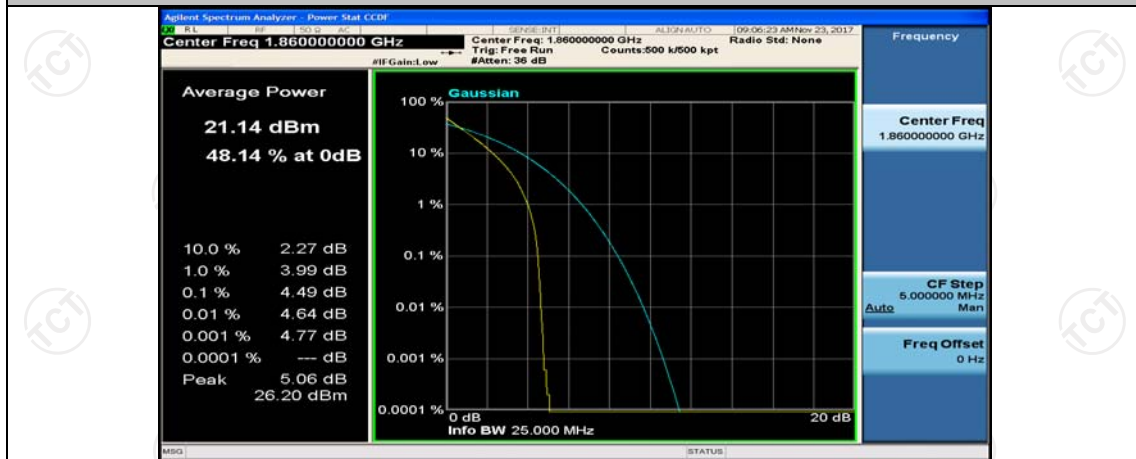
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#0



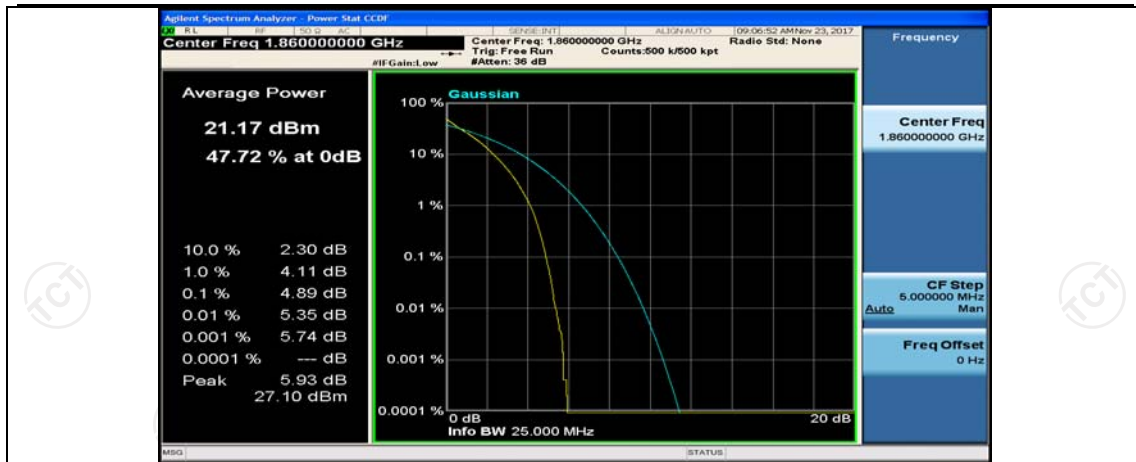
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#25



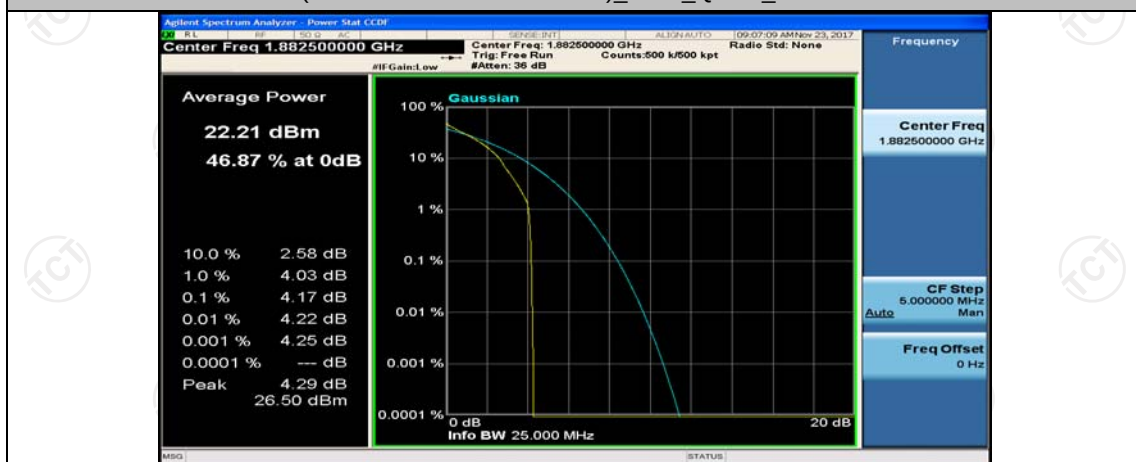
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#50



(Channel Bandwidth:20 MHz)_LCH_QPSK_100RB#0



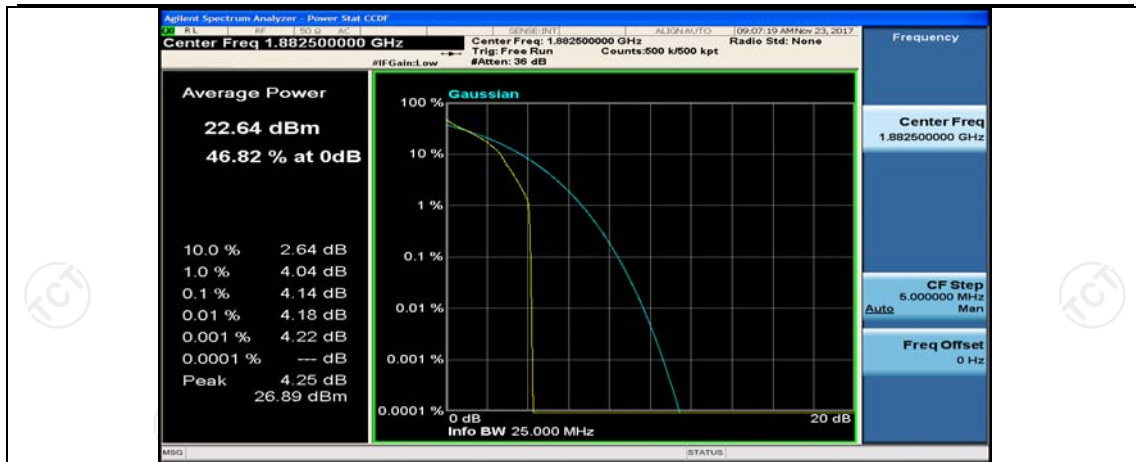
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0



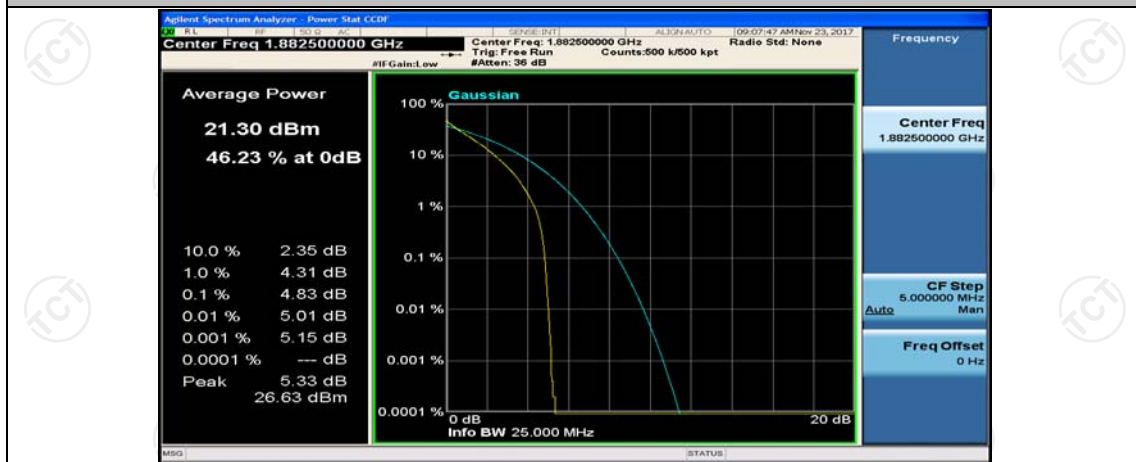
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49



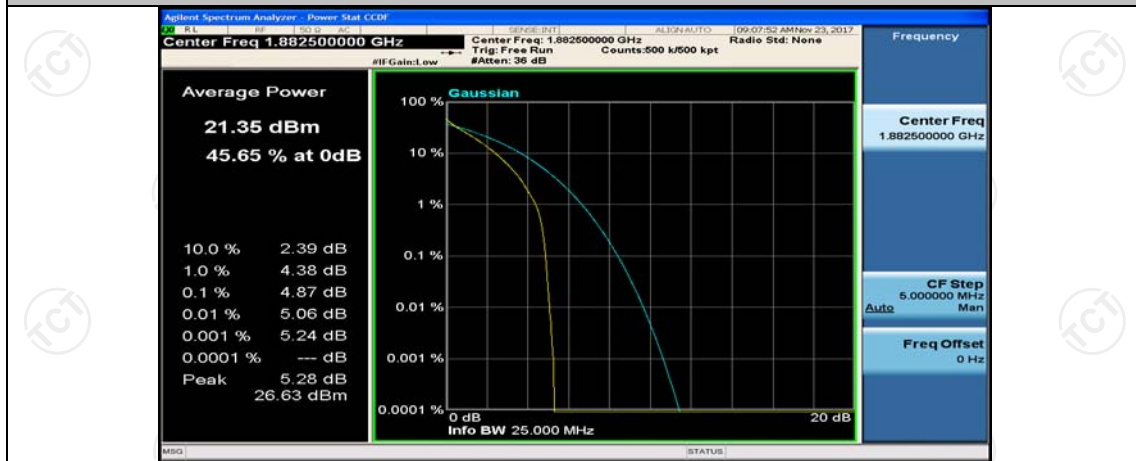
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#99



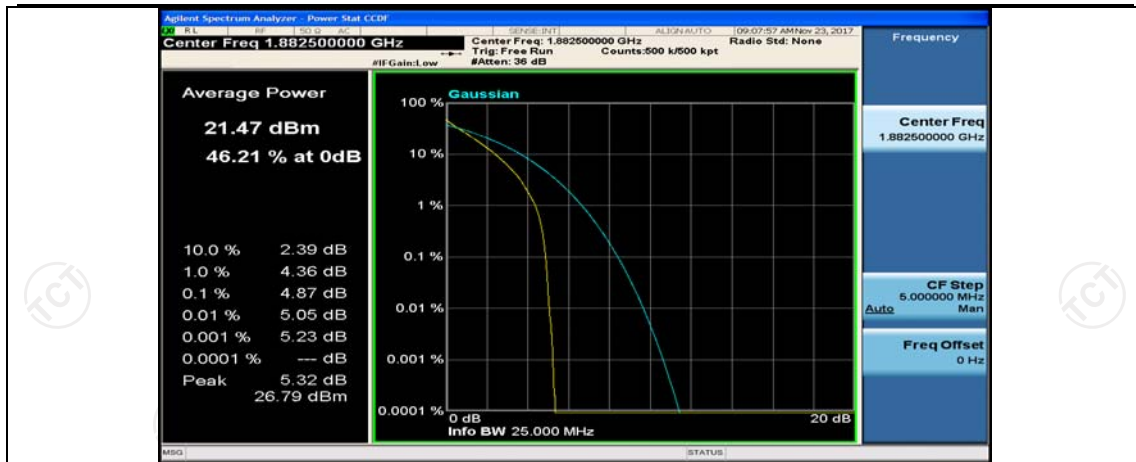
(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#0



(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#25



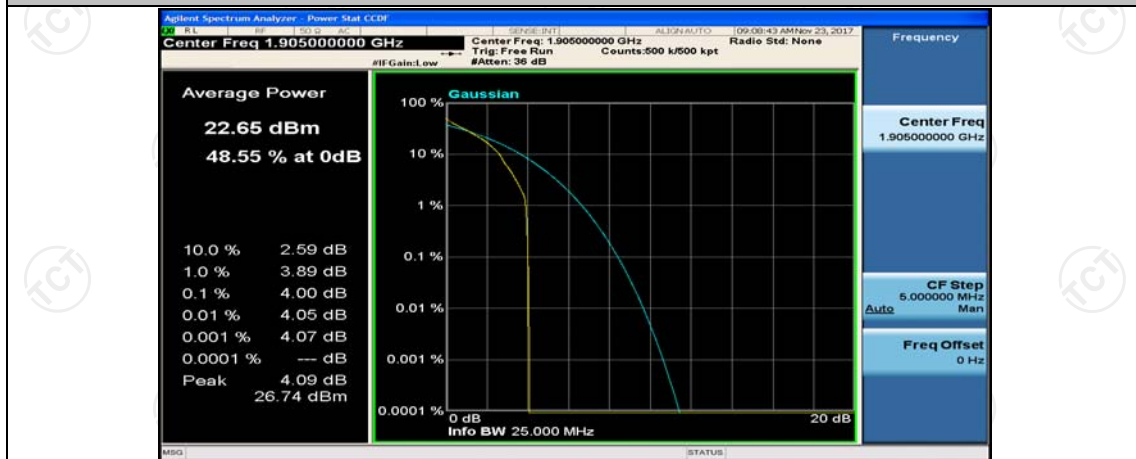
(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#50



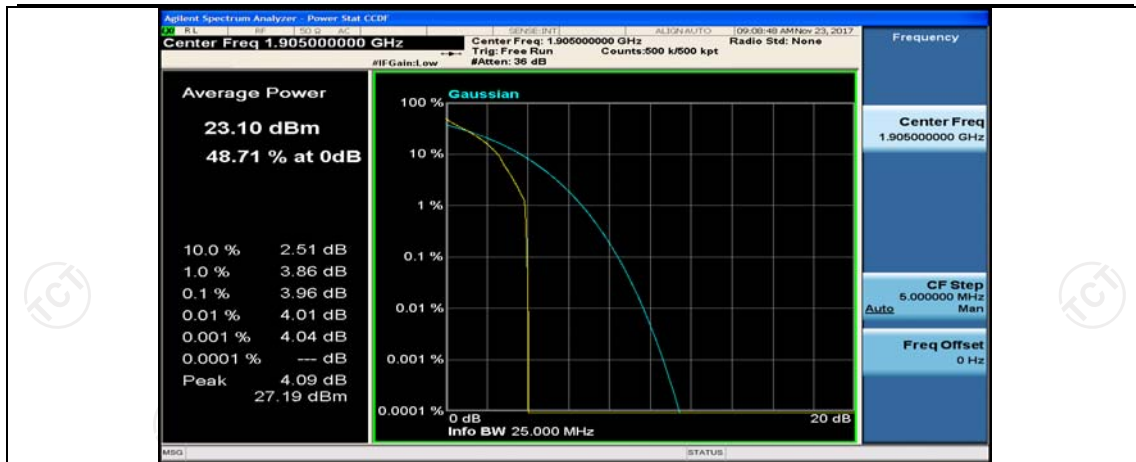
(Channel Bandwidth:20 MHz)_MCH_QPSK_100RB#0



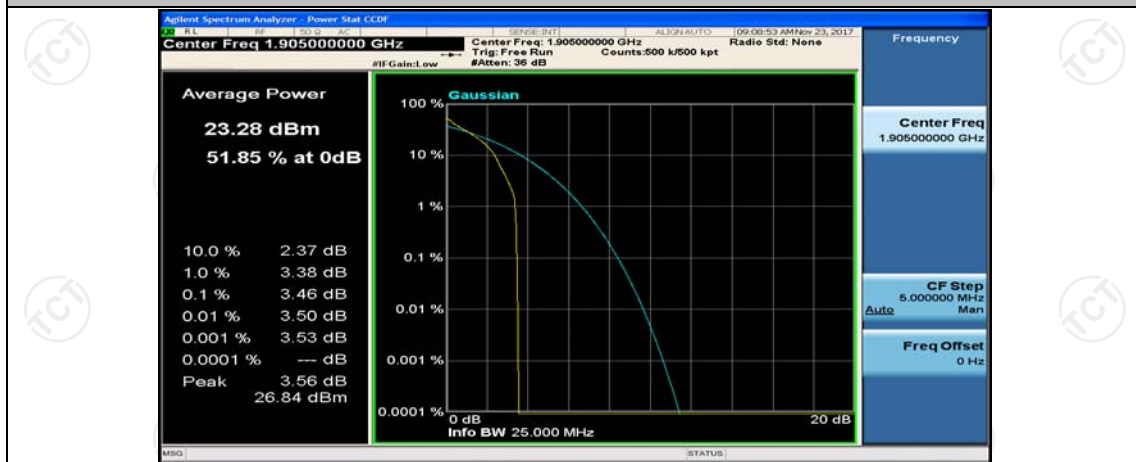
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0



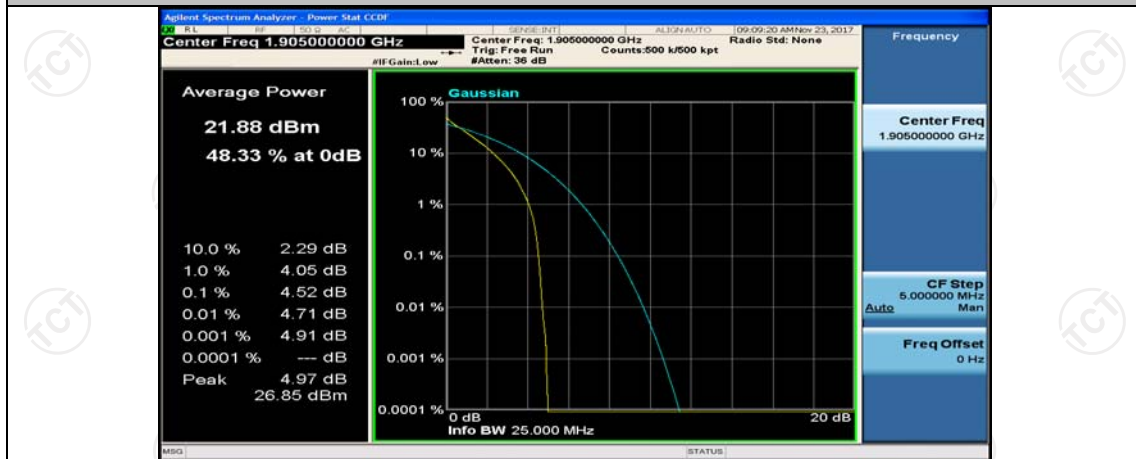
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49



(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#99



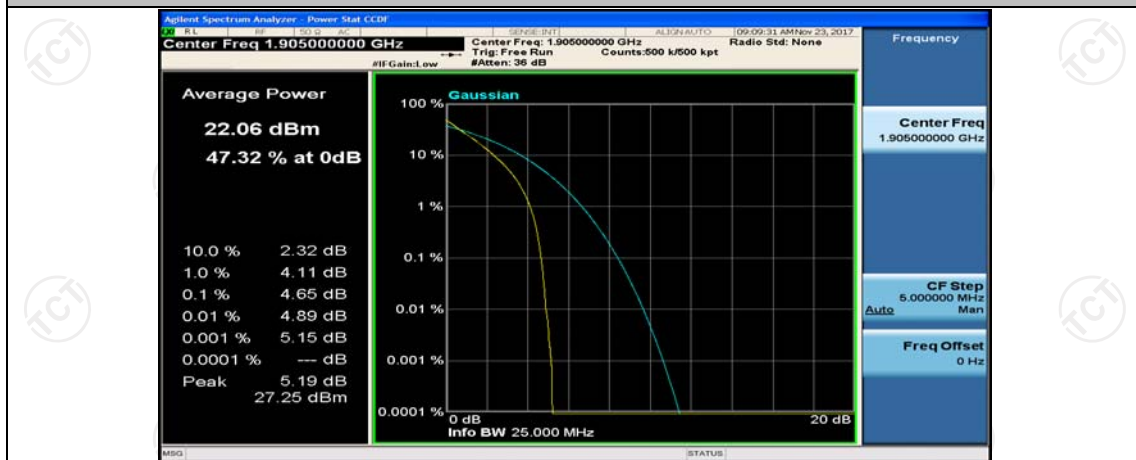
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#0



(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#25



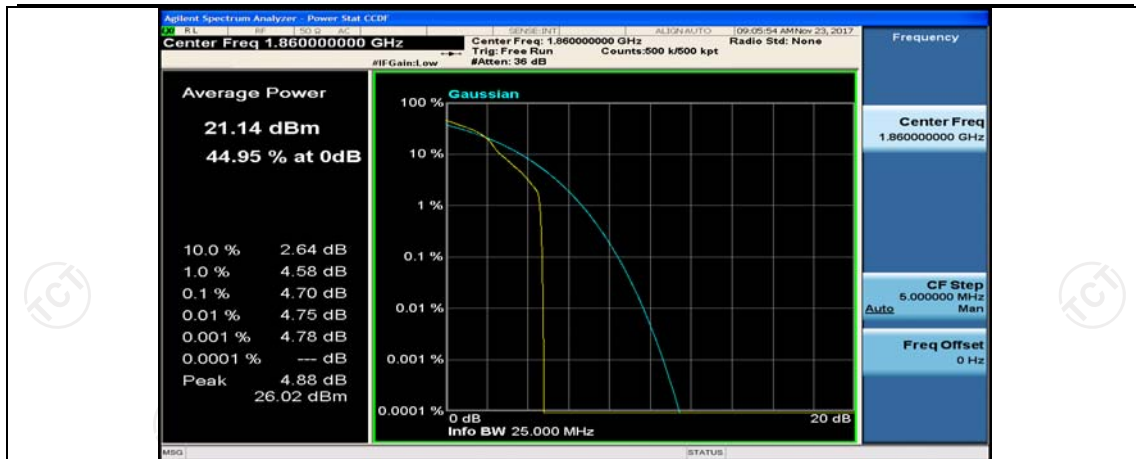
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#50



(Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0



(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#49



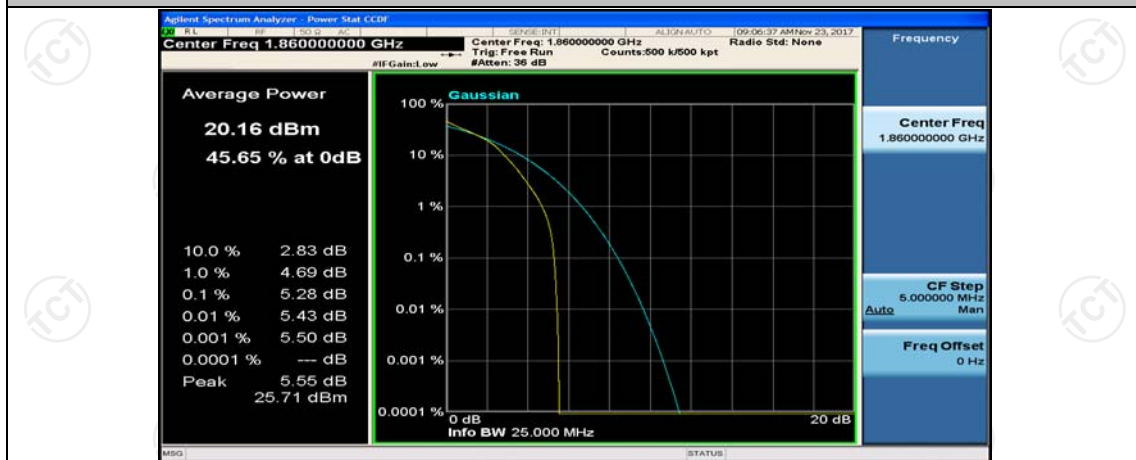
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#99



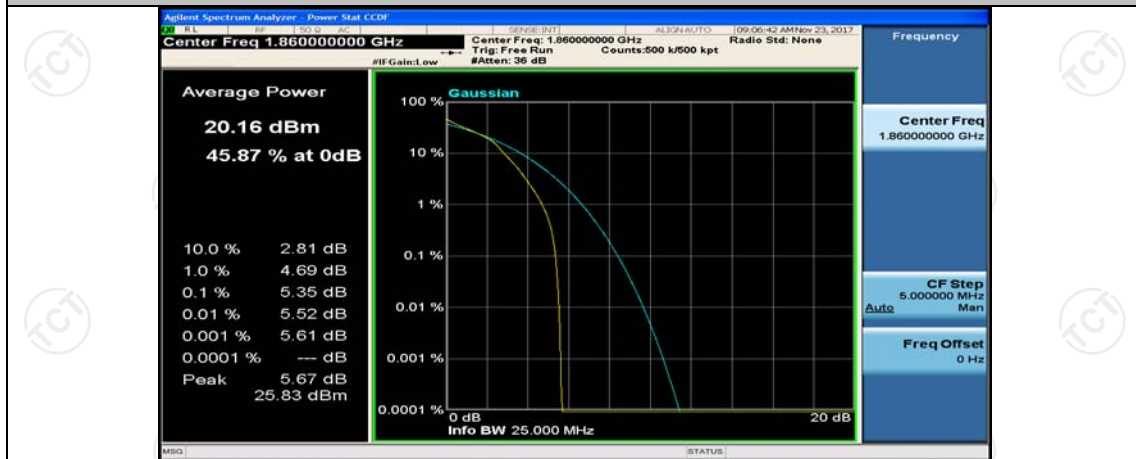
(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#0



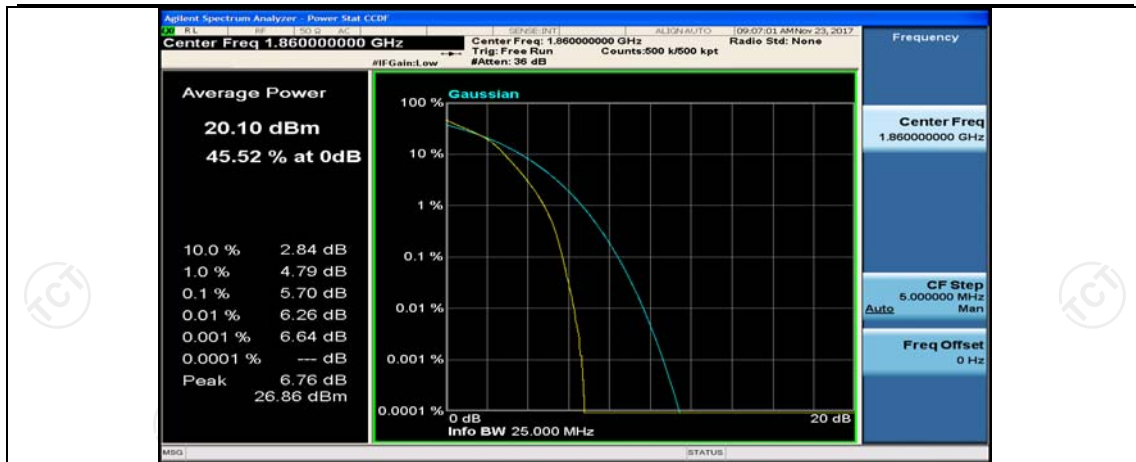
(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#25



(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



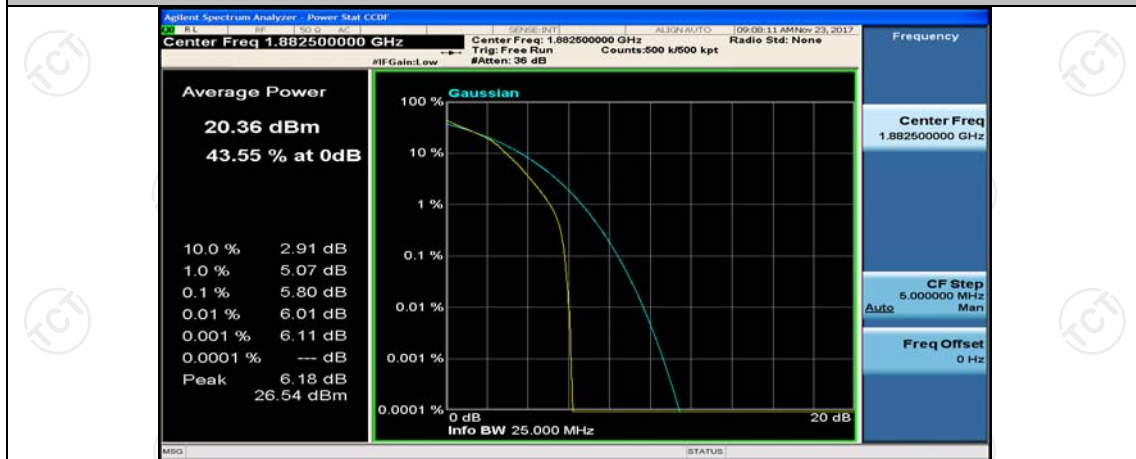
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#99



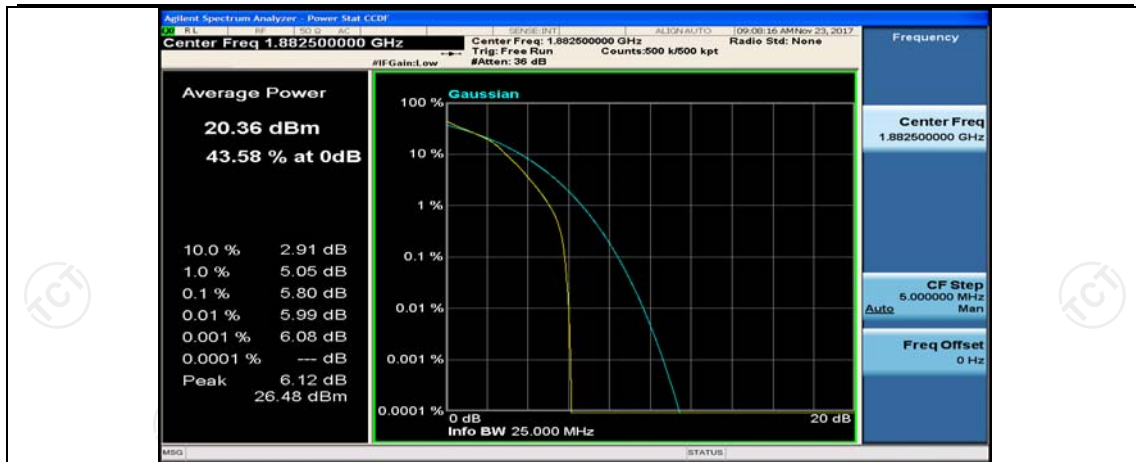
(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#0



(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#25



(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#50



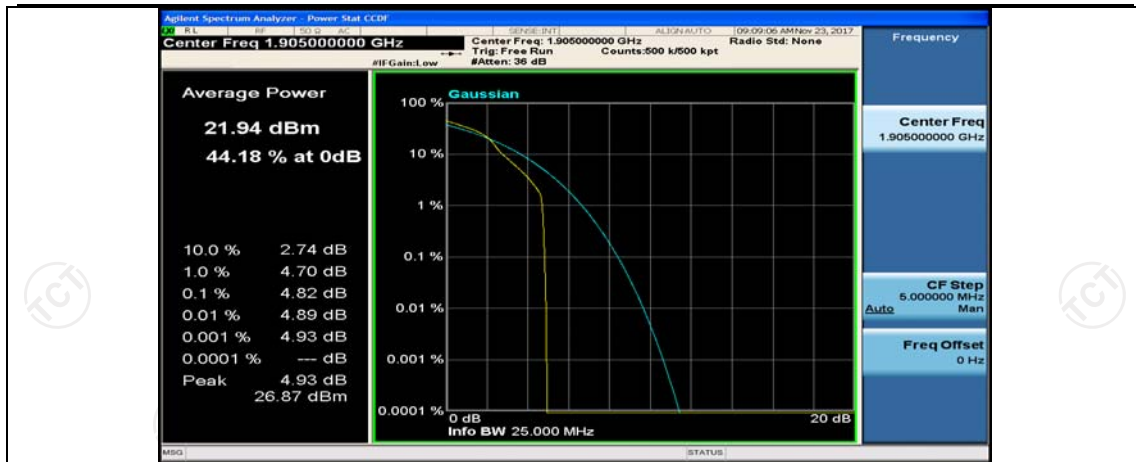
(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0



(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0



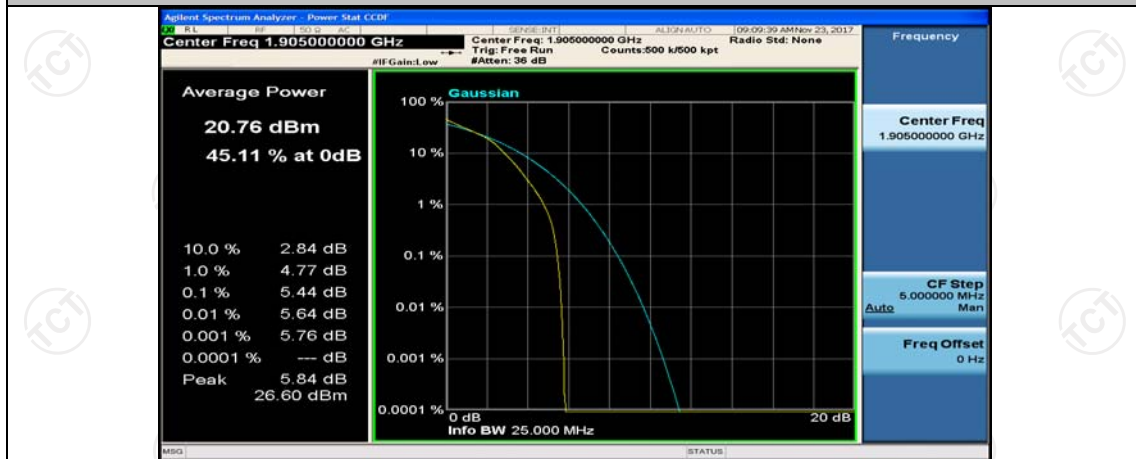
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#49



(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#99



(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#0



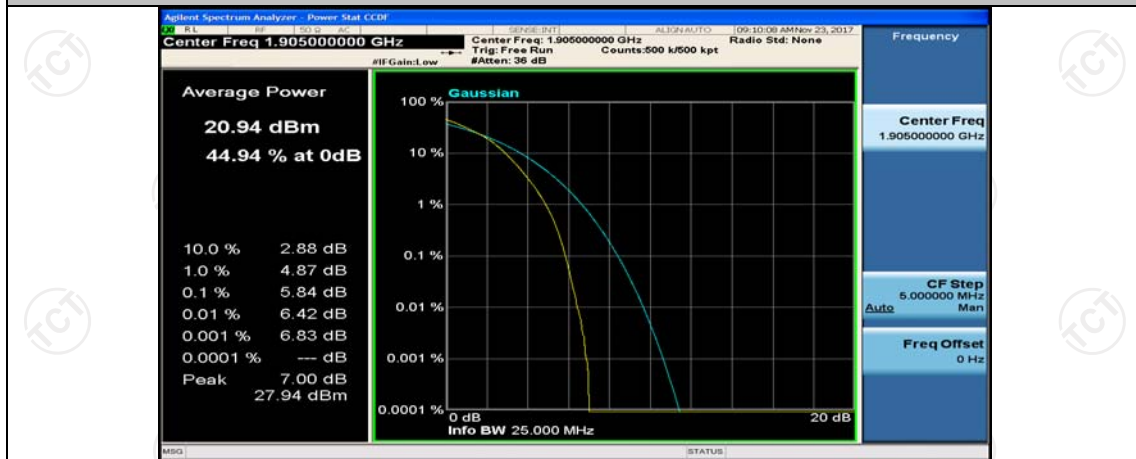
(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#25



(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	0.21453	0.3292	PASS
		1	3	0.26065	0.434	PASS
		1	5	0.21374	0.3288	PASS
		3	0	0.55209	0.7157	PASS
		3	2	0.55781	0.7911	PASS
		3	3	0.55003	0.7121	PASS
		6	0	1.0771	1.248	PASS
	MCH	1	0	0.21176	0.3206	PASS
		1	3	0.24921	0.4302	PASS
		1	5	0.21618	0.333	PASS
		3	0	0.55159	0.7097	PASS
		3	2	0.5564	0.7955	PASS
		3	3	0.54763	0.6969	PASS
		6	0	1.0776	1.246	PASS
	HCH	1	0	0.21367	0.317	PASS
		1	3	0.24798	0.4045	PASS
		1	5	0.21951	0.3737	PASS
		3	0	0.55307	0.7493	PASS
		3	2	0.56021	0.8688	PASS
		3	3	0.55169	0.7291	PASS
		6	0	1.0747	1.239	PASS
16QAM	LCH	1	0	0.22273	0.3566	PASS
		1	3	0.26628	0.4425	PASS
		1	5	0.22661	0.358	PASS
		3	0	0.55397	0.724	PASS
		3	2	0.56467	0.8547	PASS
		3	3	0.55336	0.7212	PASS
		6	0	1.0815	1.257	PASS
	MCH	1	0	0.22201	0.34	PASS
		1	3	0.25896	0.4319	PASS
		1	5	0.22615	0.3379	PASS
		3	0	0.55225	0.7283	PASS

		3	2	0.56123	0.8179	PASS
		3	3	0.55466	0.7324	PASS
		6	0	1.0815	1.247	PASS
	HCH	1	0	0.22927	0.3601	PASS
		1	3	0.27316	0.409	PASS
		1	5	0.23869	0.3752	PASS
		3	0	0.55773	0.7495	PASS
		3	2	0.56651	0.873	PASS
		3	3	0.55826	0.7426	PASS
		6	0	1.08	1.25	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	0.24072	0.3571	PASS
		1	7	0.33604	0.5234	PASS
		1	14	0.23698	0.3551	PASS
		8	0	1.445	1.658	PASS
		8	4	1.4536	1.785	PASS
		8	7	1.4482	1.633	PASS
		15	0	2.6824	2.9	PASS
	MCH	1	0	0.2368	0.3588	PASS
		1	7	0.33191	0.5896	PASS
		1	14	0.23668	0.3487	PASS
		8	0	1.4462	1.649	PASS
		8	4	1.4549	1.73	PASS
		8	7	1.4449	1.654	PASS
		15	0	2.6816	2.891	PASS
	HCH	1	0	0.23848	0.3539	PASS
		1	7	0.33573	0.5053	PASS
		1	14	0.24078	0.3583	PASS
		8	0	1.4485	1.656	PASS
		8	4	1.4508	1.845	PASS
		8	7	1.4503	1.65	PASS
		15	0	2.6856	2.885	PASS
16QAM	LCH	1	0	0.23762	0.3616	PASS
		1	7	0.32361	0.4857	PASS

		1	14	0.2385	0.3561	PASS
		8	0	1.4452	1.682	PASS
		8	4	1.4523	1.804	PASS
		8	7	1.447	1.67	PASS
		15	0	2.683	2.886	PASS
	MCH	1	0	0.23839	0.3739	PASS
		1	7	0.33768	0.5044	PASS
		1	14	0.23936	0.3657	PASS
		8	0	1.4448	1.647	PASS
		8	4	1.4489	1.782	PASS
		8	7	1.4469	1.676	PASS
		15	0	2.6855	2.882	PASS
	HCH	1	0	0.23414	0.3577	PASS
		1	7	0.33075	0.5379	PASS
		1	14	0.24655	0.4096	PASS
		8	0	1.4462	1.673	PASS
		8	4	1.4562	1.827	PASS
		8	7	1.4464	1.701	PASS
		15	0	2.6838	2.881	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	0.29083	0.4544	PASS
		1	12	0.41250	0.6389	PASS
		1	24	0.29120	0.4577	PASS
		12	0	2.1709	2.510	PASS
		12	6	2.1814	2.692	PASS
		12	13	2.1767	2.528	PASS
		25	0	4.4744	4.893	PASS
	MCH	1	0	0.28578	0.4324	PASS
		1	12	0.40131	0.6095	PASS
		1	24	0.29280	0.4608	PASS
		12	0	2.1773	2.550	PASS
		12	6	2.1855	2.697	PASS
		12	13	2.1718	2.528	PASS
		25	0	4.4781	4.826	PASS
	HCH	1	0	0.28499	0.4424	PASS

		1	12	0.40770	0.6210	PASS
		1	24	0.29116	0.4989	PASS
		12	0	2.1702	2.537	PASS
		12	6	2.1862	2.719	PASS
		12	13	2.1714	2.485	PASS
		25	0	4.4775	4.852	PASS
16QAM	LCH	1	0	0.29267	0.4804	PASS
		1	12	0.43232	0.6831	PASS
		1	24	0.30123	0.4436	PASS
		12	0	2.1829	2.503	PASS
		12	6	2.1824	2.794	PASS
		12	13	2.1818	2.513	PASS
		25	0	4.4797	4.815	PASS
	MCH	1	0	0.28664	0.4553	PASS
		1	12	0.42089	0.6249	PASS
		1	24	0.30040	0.4860	PASS
		12	0	2.1773	2.519	PASS
		12	6	2.1814	2.812	PASS
		12	13	2.1824	2.482	PASS
		25	0	4.4850	4.847	PASS
	HCH	1	0	0.29622	0.4728	PASS
		1	12	0.43145	0.6590	PASS
		1	24	0.29540	0.5009	PASS
		12	0	2.1811	2.495	PASS
		12	6	2.1884	2.649	PASS
		12	13	2.1728	2.515	PASS
		25	0	4.4836	4.829	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	0.38662	0.5739	PASS
		1	25	0.46016	0.7301	PASS
		1	49	0.38564	0.5681	PASS
		25	0	4.5150	5.006	PASS
		25	12	4.5081	5.166	PASS
		25	25	4.5159	4.952	PASS
		50	0	8.9335	9.472	PASS
	MCH	1	0	0.38191	0.5734	PASS
		1	25	0.46828	0.6936	PASS

		1	49	0.38236	0.5526	PASS
		25	0	4.5250	4.976	PASS
		25	12	4.5249	5.122	PASS
		25	25	4.5139	4.984	PASS
		50	0	8.9441	9.510	PASS
	HCH	1	0	0.38420	0.6038	PASS
		1	25	0.47426	0.7583	PASS
		1	49	0.38825	0.5809	PASS
		25	0	4.5224	4.979	PASS
		25	12	4.5153	5.113	PASS
		25	25	4.5228	4.922	PASS
		50	0	8.9348	9.464	PASS
16QAM	LCH	1	0	0.37934	0.5314	PASS
		1	25	0.44956	0.6831	PASS
		1	49	0.38477	0.5529	PASS
		25	0	4.5186	4.968	PASS
		25	12	4.5160	5.045	PASS
		25	25	4.5102	4.898	PASS
		50	0	8.9260	9.436	PASS
	MCH	1	0	0.38984	0.5890	PASS
		1	25	0.45834	0.6746	PASS
		1	49	0.38456	0.5729	PASS
		25	0	4.5070	4.864	PASS
		25	12	4.5109	5.085	PASS
		25	25	4.5131	4.952	PASS
		50	0	8.9370	9.465	PASS
	HCH	1	0	0.37665	0.5615	PASS
		1	25	0.46458	0.7540	PASS
		1	49	0.38845	0.5452	PASS
		25	0	4.5123	5.000	PASS
		25	12	4.5118	5.124	PASS
		25	25	4.5091	4.953	PASS
		50	0	8.9259	9.437	PASS

Channel Bandwidth: 15 MHz

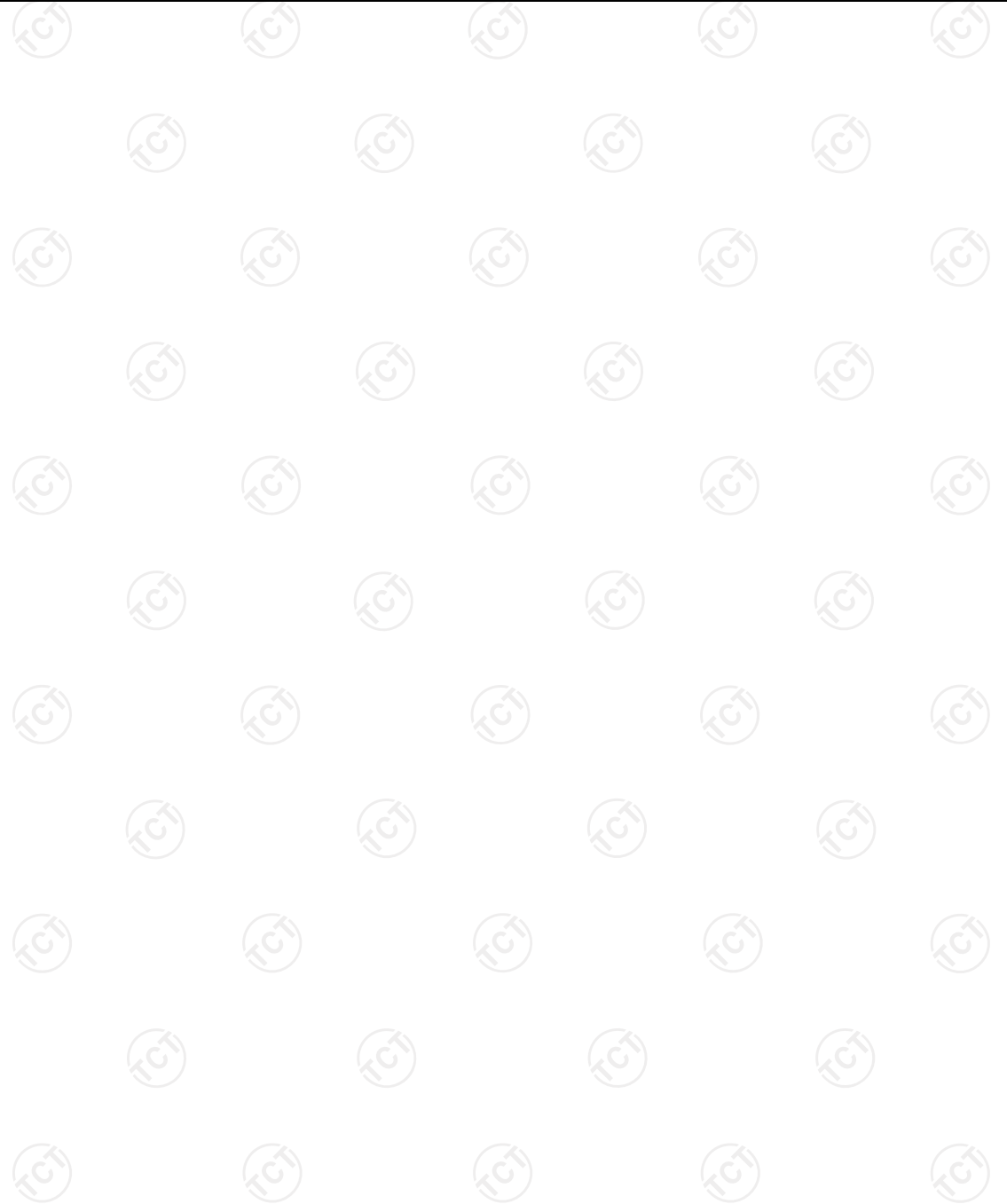
Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.50363	0.7705	PASS
		1	37	0.59713	0.8411	PASS

		1	74	0.48700	0.7401	PASS
		37	0	6.4912	7.070	PASS
		37	18	6.5009	7.311	PASS
		37	38	6.4922	7.161	PASS
		75	0	13.403	14.08	PASS
	MCH	1	0	0.49708	0.7365	PASS
		1	37	0.59154	0.8546	PASS
		1	74	0.49122	0.7214	PASS
		37	0	6.4792	7.005	PASS
		37	18	6.4952	7.256	PASS
		37	38	6.4888	7.059	PASS
		75	0	13.405	14.07	PASS
	HCH	1	0	0.51078	0.7662	PASS
		1	37	0.62025	0.9209	PASS
		1	74	0.49044	0.7346	PASS
		37	0	6.4869	7.091	PASS
		37	18	6.5043	7.441	PASS
		37	38	6.4897	7.061	PASS
		75	0	13.405	14.14	PASS
16QAM	LCH	1	0	0.48495	0.7632	PASS
		1	37	0.59414	0.8329	PASS
		1	74	0.50167	0.7541	PASS
		37	0	6.4874	7.040	PASS
		37	18	6.4928	7.291	PASS
		37	38	6.4755	7.095	PASS
		75	0	13.377	14.07	PASS
	MCH	1	0	0.49169	0.7460	PASS
		1	37	0.57619	0.8360	PASS
		1	74	0.49262	0.7567	PASS
		37	0	6.4831	7.062	PASS
		37	18	6.4965	7.371	PASS
		37	38	6.4852	7.151	PASS
		75	0	13.407	14.07	PASS
	HCH	1	0	0.48760	0.6869	PASS
		1	37	0.58037	0.8534	PASS
		1	74	0.48748	0.7138	PASS
		37	0	6.4922	7.076	PASS
		37	18	6.5024	7.194	PASS
		37	38	6.4918	7.071	PASS
		75	0	13.391	14.01	PASS

Channel Bandwidth: 20 MHz

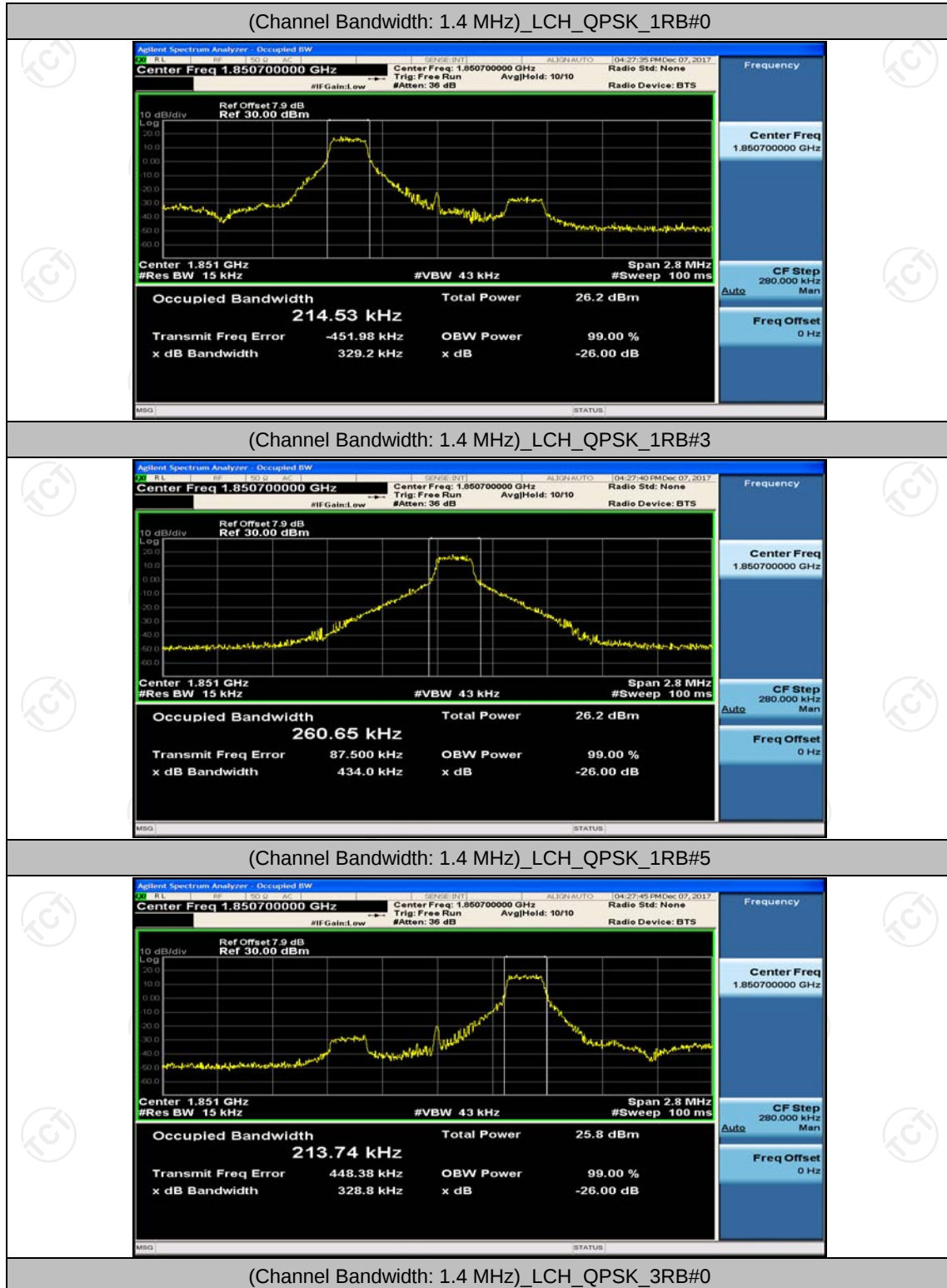
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.57922	0.8626	PASS
		1	50	0.64067	0.9019	PASS
		1	99	0.56487	0.8467	PASS
		50	0	8.9846	9.667	PASS
		50	25	8.9874	9.854	PASS
		50	50	9.0080	9.613	PASS
		100	0	17.837	18.63	PASS
	MCH	1	0	0.57931	0.8360	PASS
		1	50	0.63404	0.9320	PASS
		1	99	0.57632	0.8685	PASS
		50	0	8.9936	9.647	PASS
		50	25	8.9963	9.924	PASS
		50	50	8.9969	9.639	PASS
		100	0	17.872	18.61	PASS
	HCH	1	0	0.57771	0.8417	PASS
		1	50	0.66759	0.9865	PASS
		1	99	0.57762	0.8671	PASS
		50	0	9.0154	9.655	PASS
		50	25	8.9979	9.865	PASS
		50	50	8.9693	9.671	PASS
		100	0	17.847	18.64	PASS
16QAM	LCH	1	0	0.57443	0.8403	PASS
		1	50	0.63158	0.8741	PASS
		1	99	0.58062	0.8518	PASS
		50	0	8.9894	9.568	PASS
		50	25	8.9879	9.770	PASS
		50	50	9.0034	9.598	PASS
		100	0	17.839	18.58	PASS
	MCH	1	0	0.57568	0.8232	PASS
		1	50	0.62583	0.8321	PASS
		1	99	0.55935	0.7832	PASS
		50	0	8.9930	9.644	PASS
		50	25	9.0043	9.811	PASS
		50	50	8.9916	9.655	PASS
		100	0	17.864	18.62	PASS
	HCH	1	0	0.56095	0.8470	PASS

		1	50	0.64671	0.8986	PASS
		1	99	0.58615	0.8512	PASS
		50	0	8.9833	9.615	PASS
		50	25	8.9880	9.725	PASS
		50	50	8.9877	9.651	PASS
		100	0	17.841	18.62	PASS



Test Graphs

Channel Bandwidth: 1.4 MHz





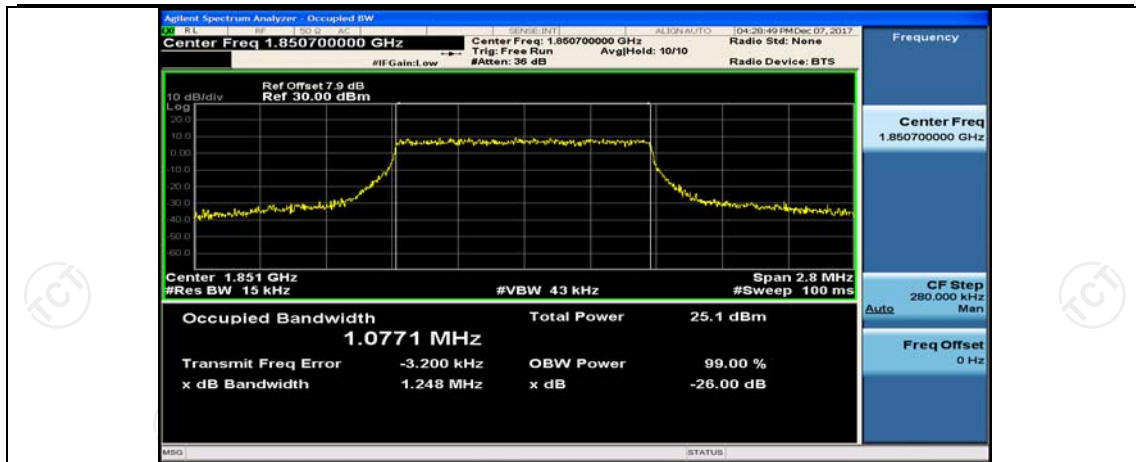
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2



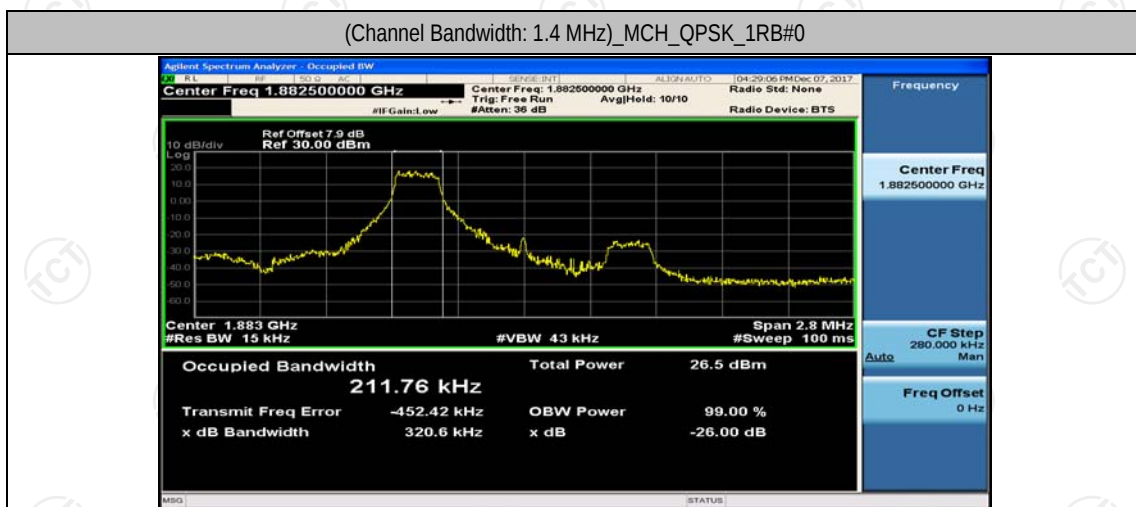
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#3



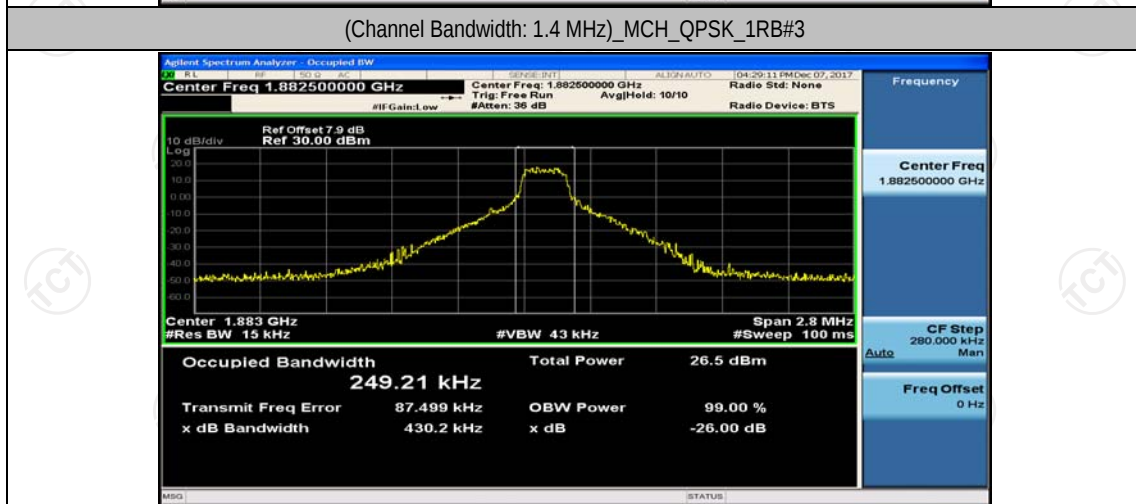
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



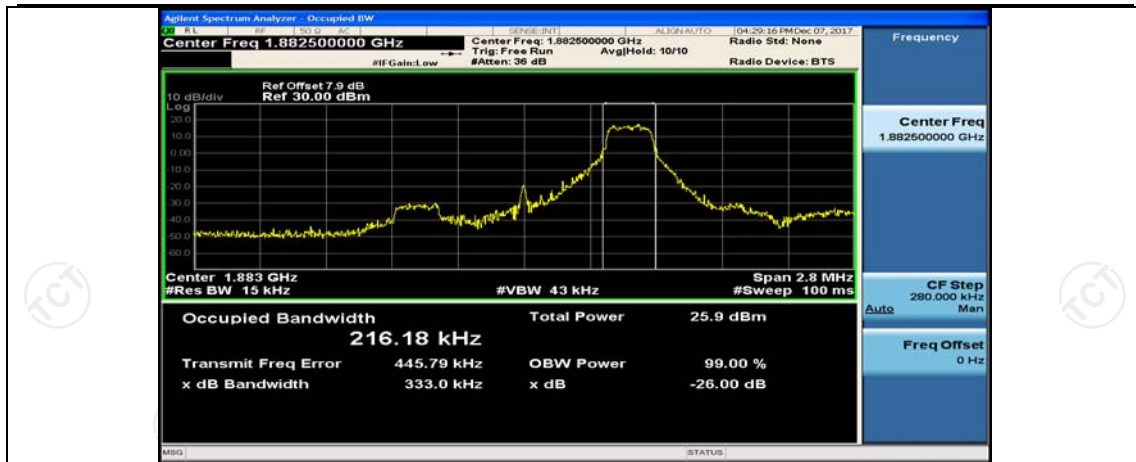
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



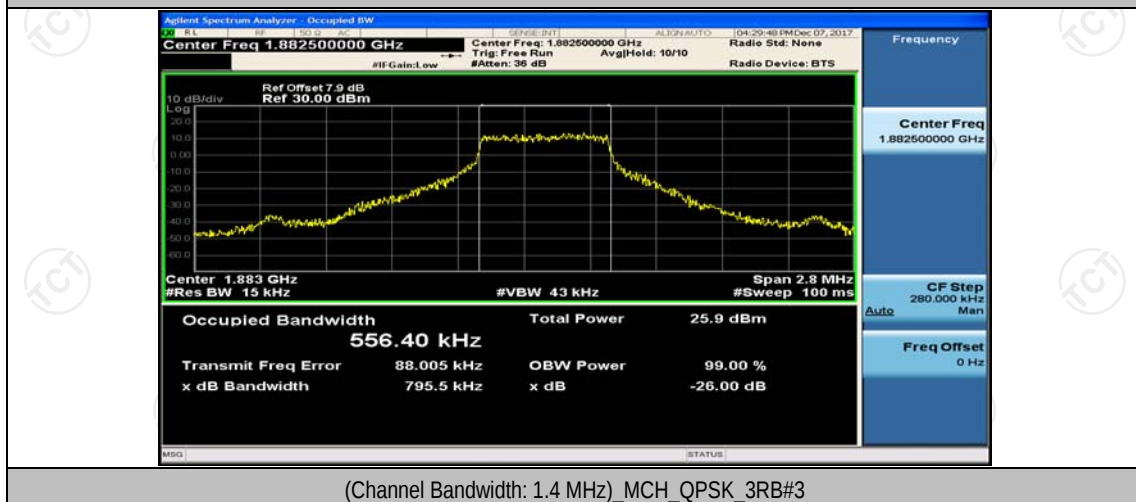
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5



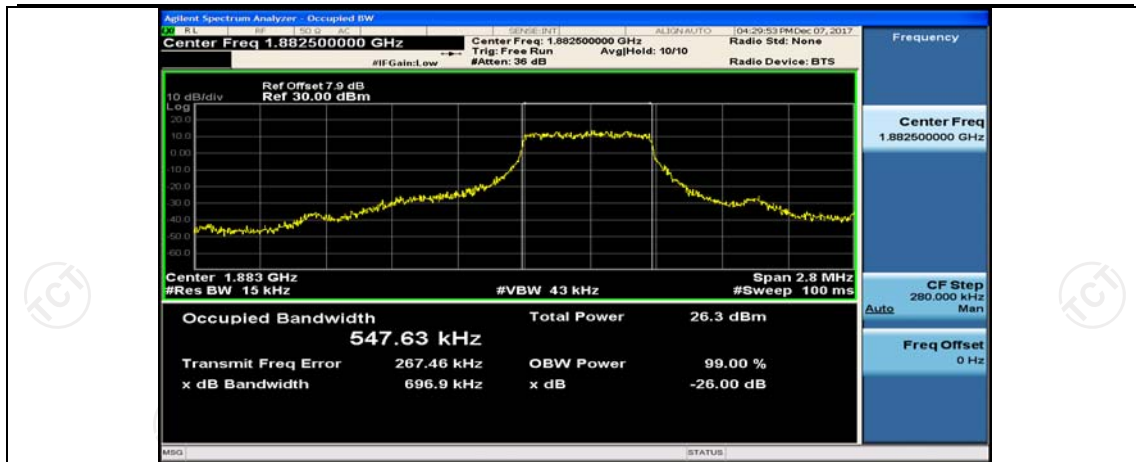
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#0



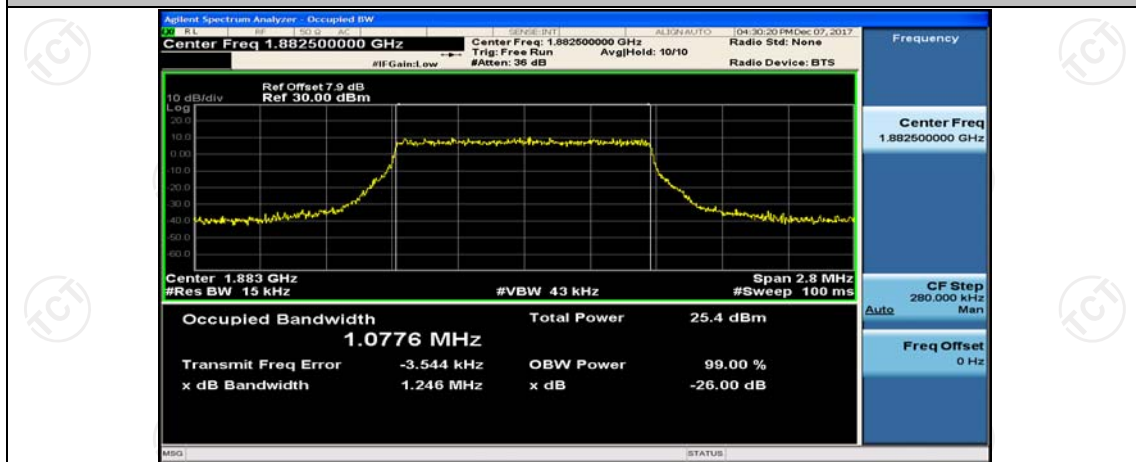
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#2



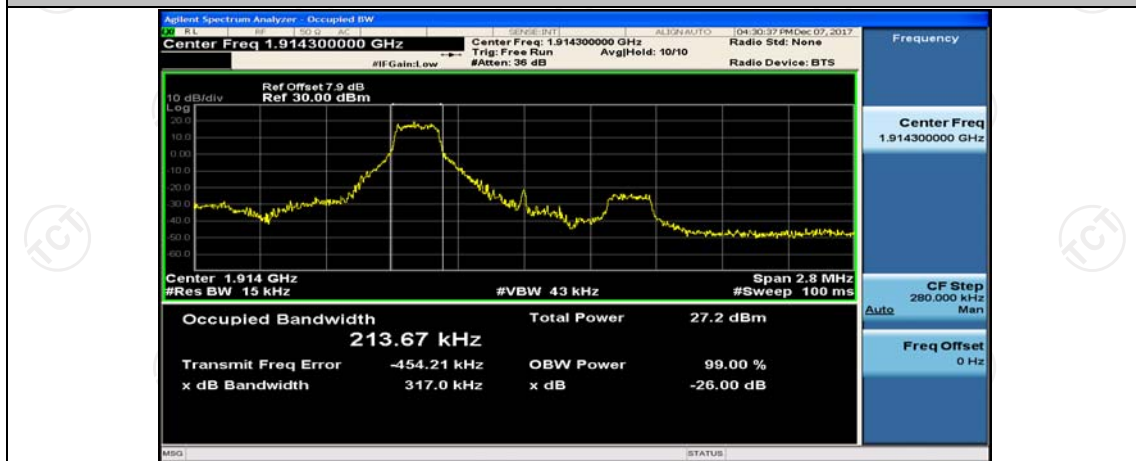
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#3



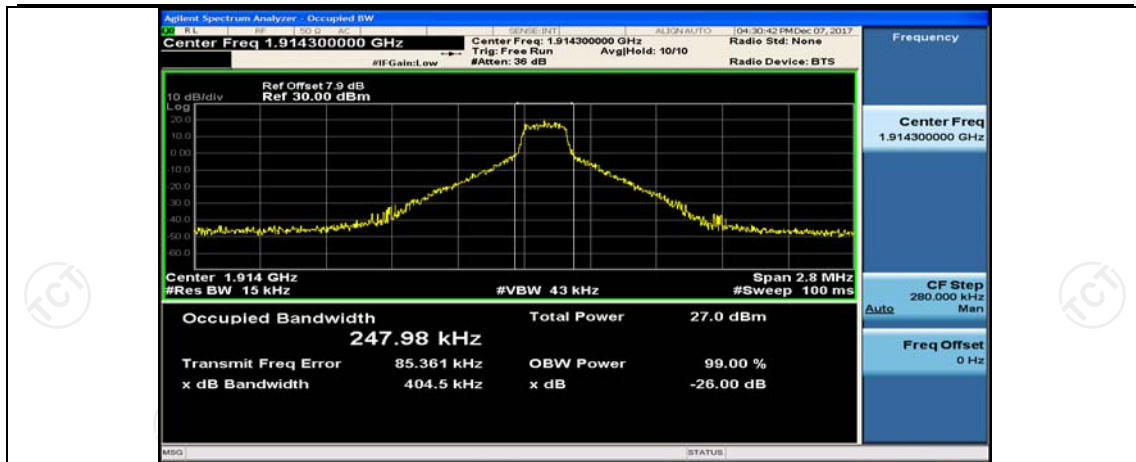
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



(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)_HCH_QPSK_3RB#3



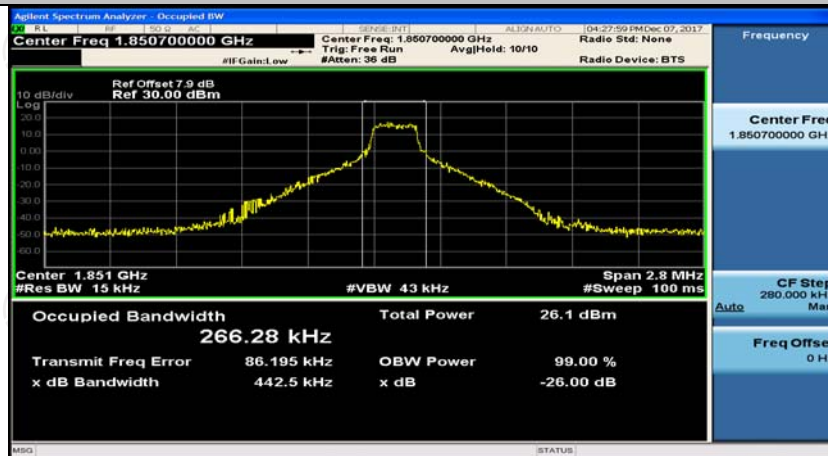
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



(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



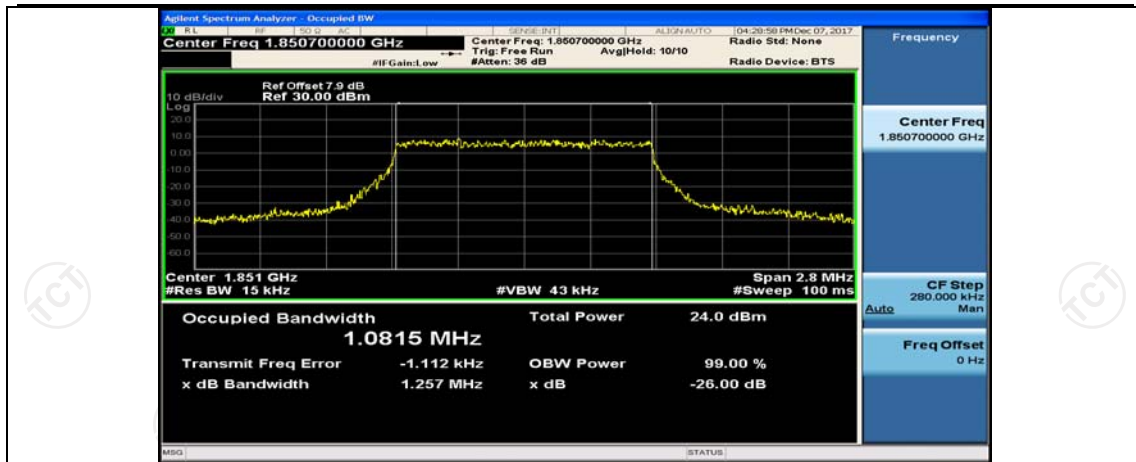
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#2



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3



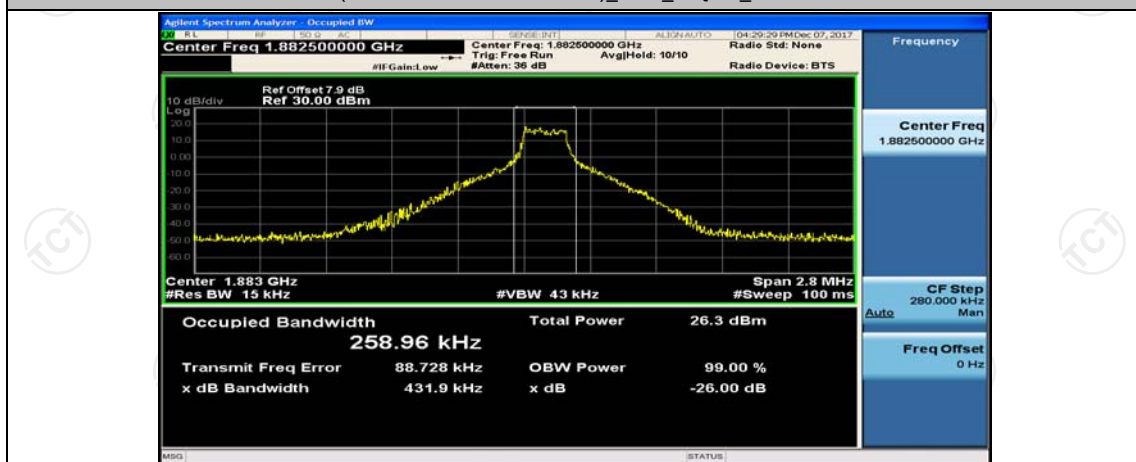
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



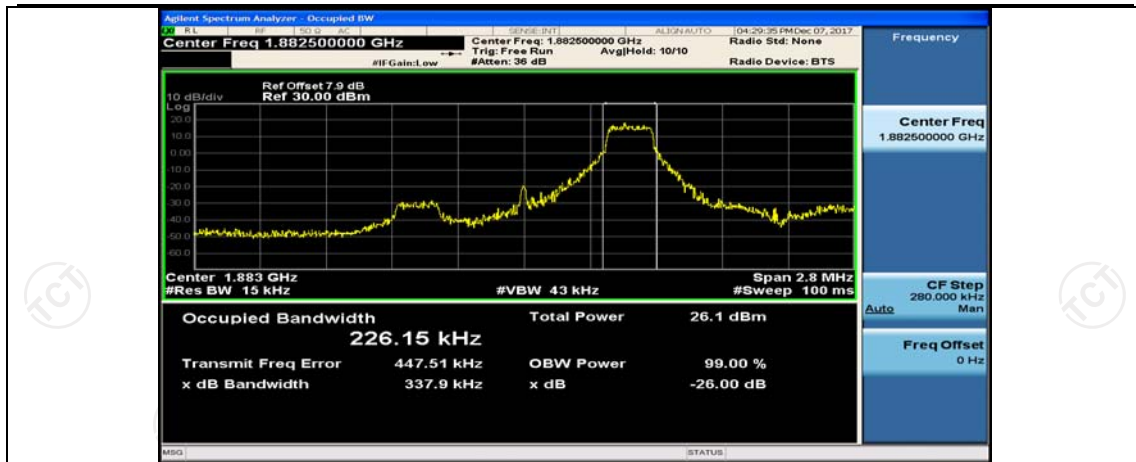
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5



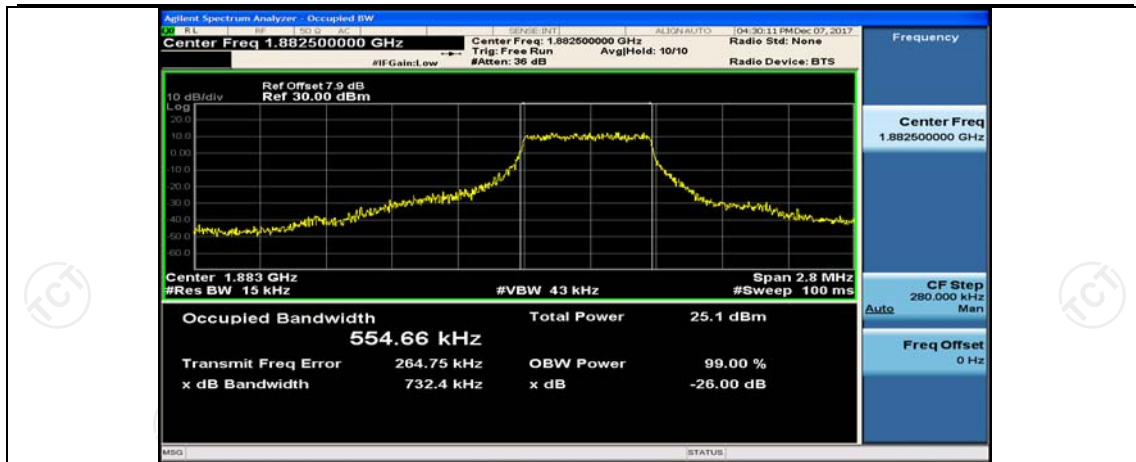
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#0



(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



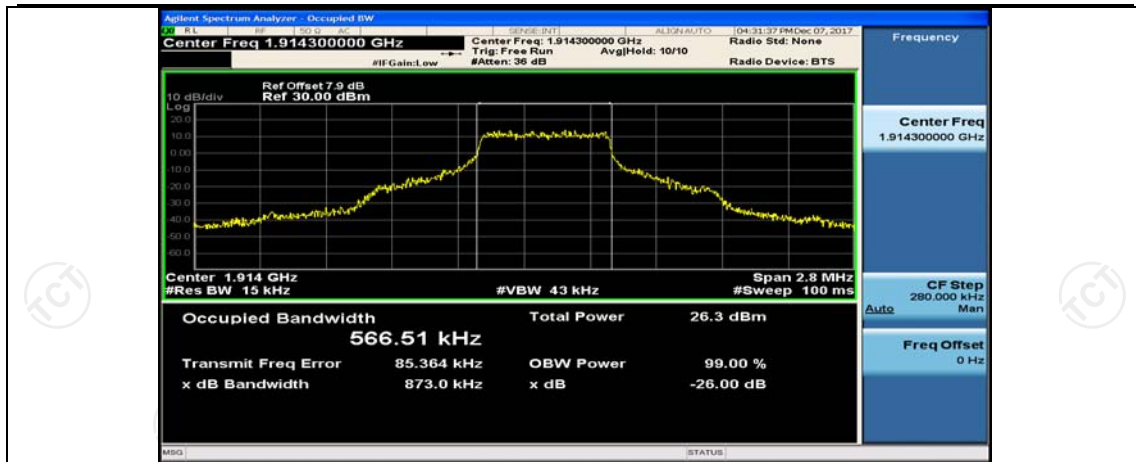
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



(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

