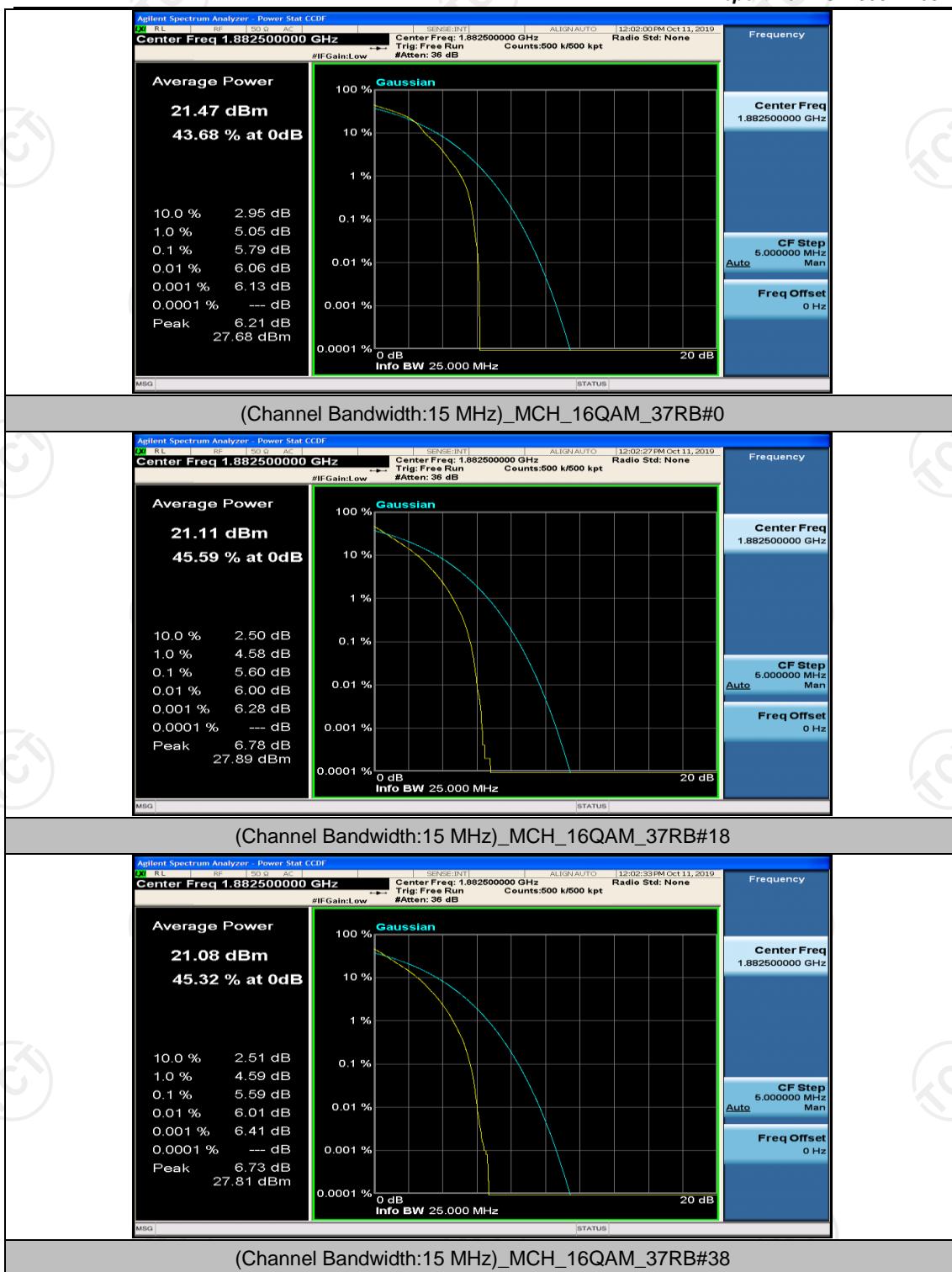
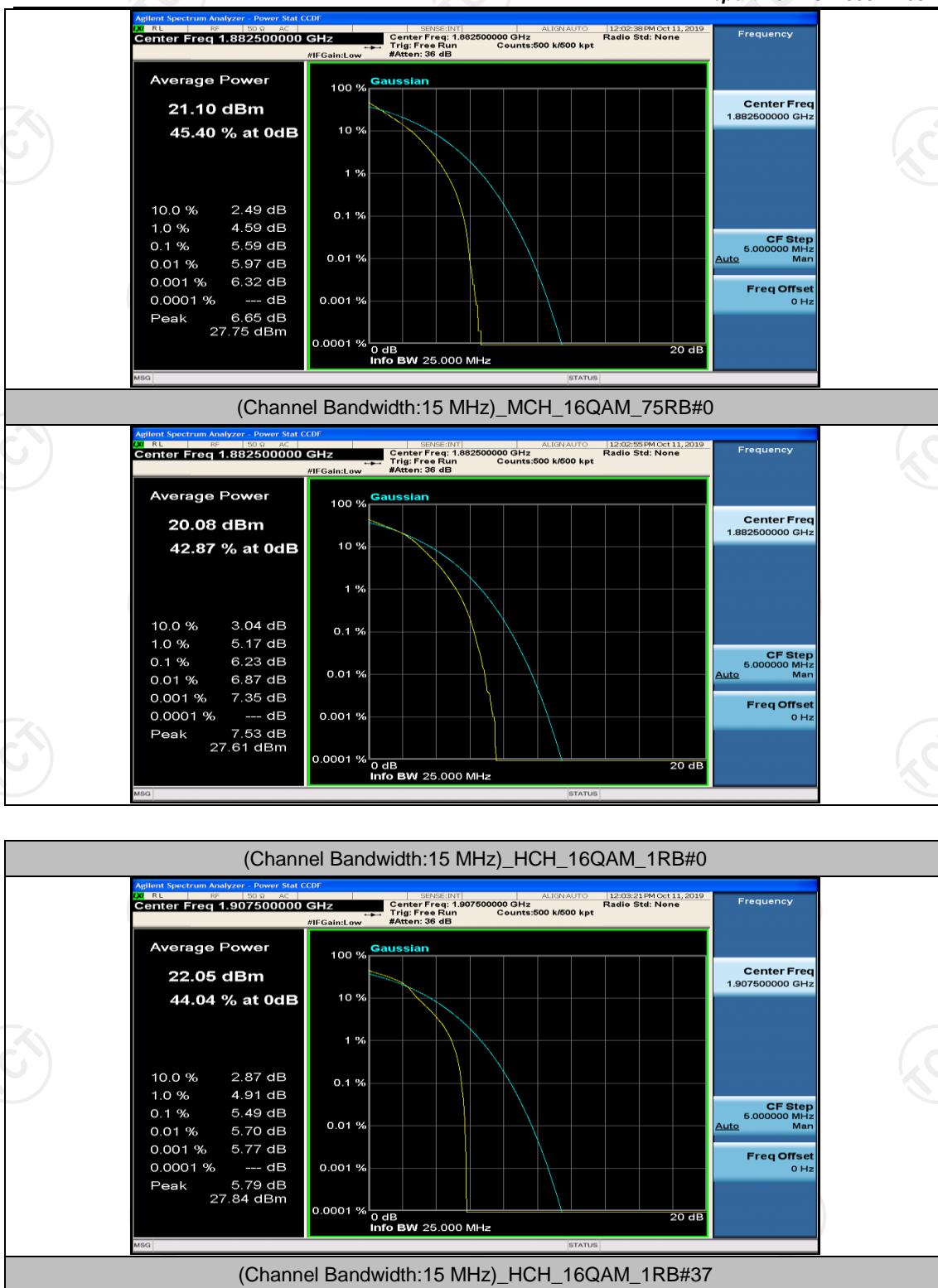
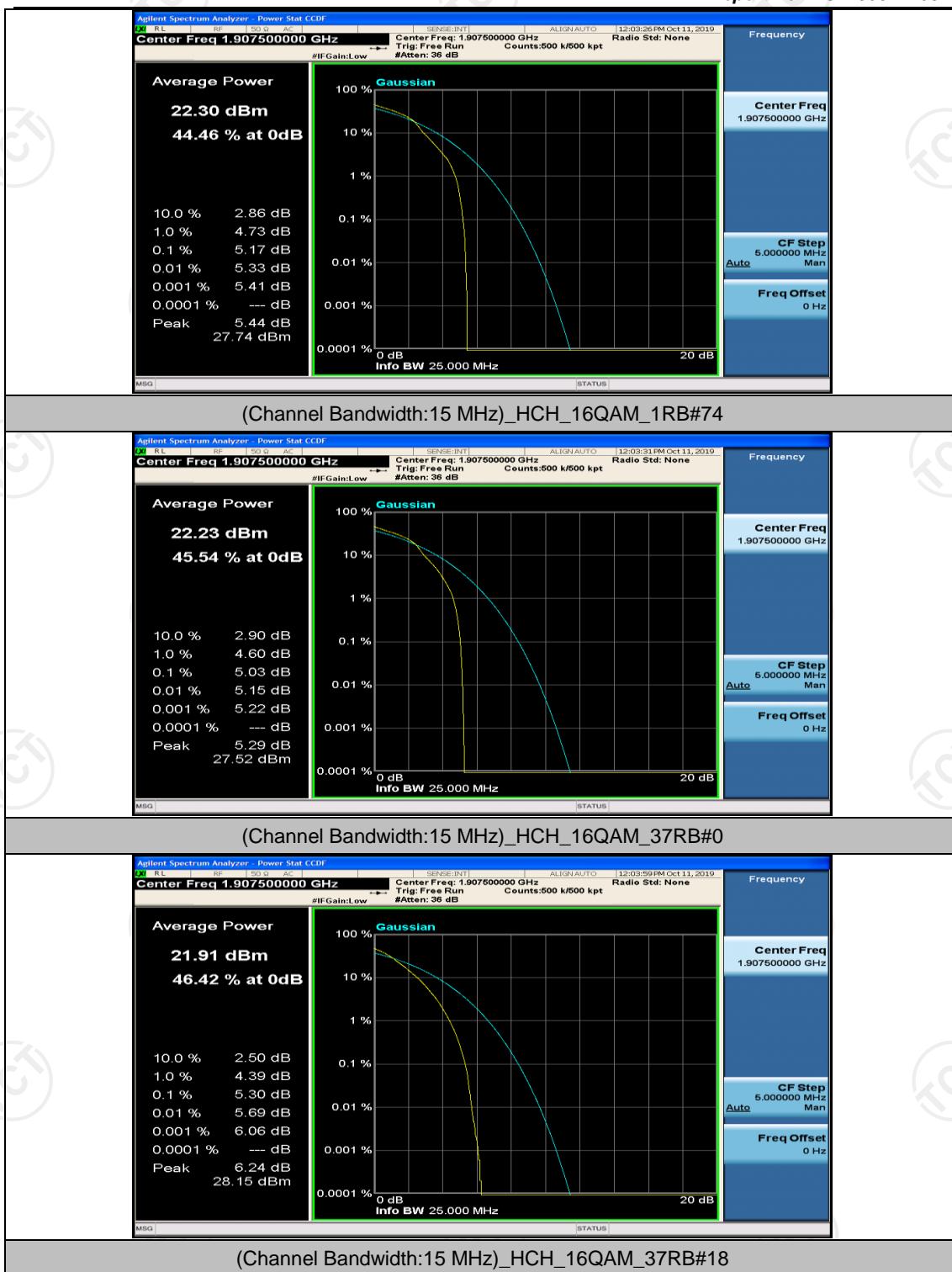
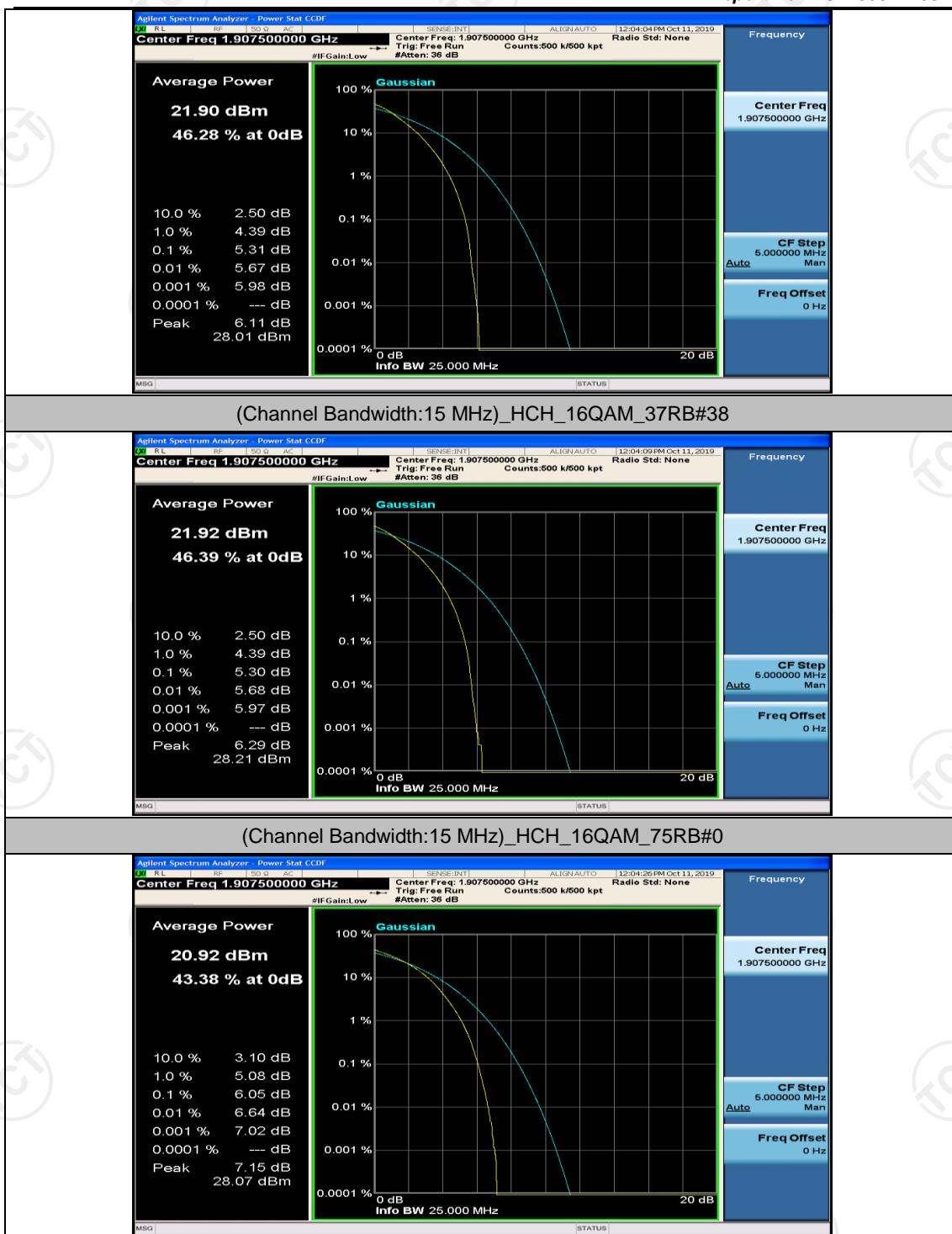


(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#74



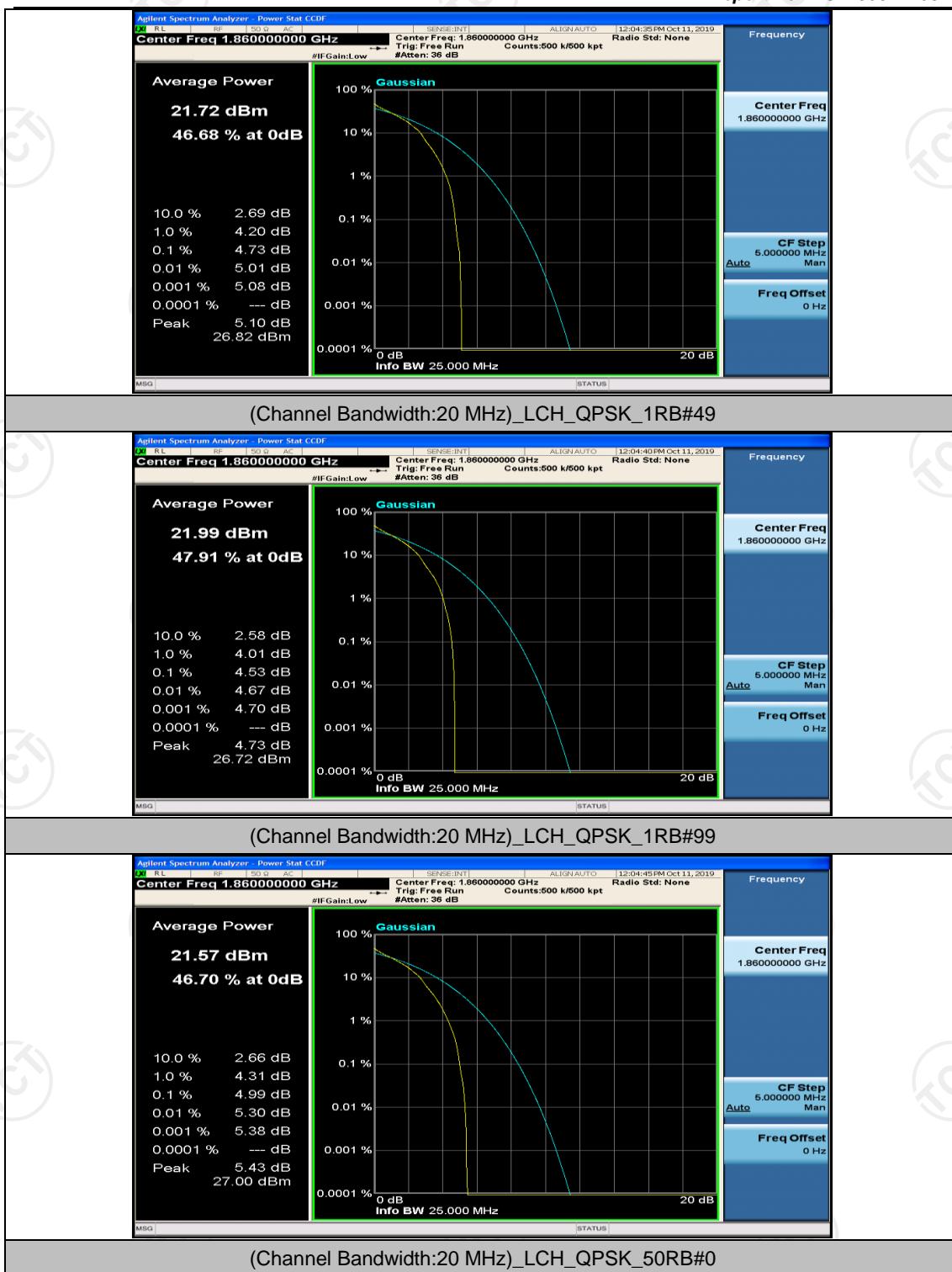


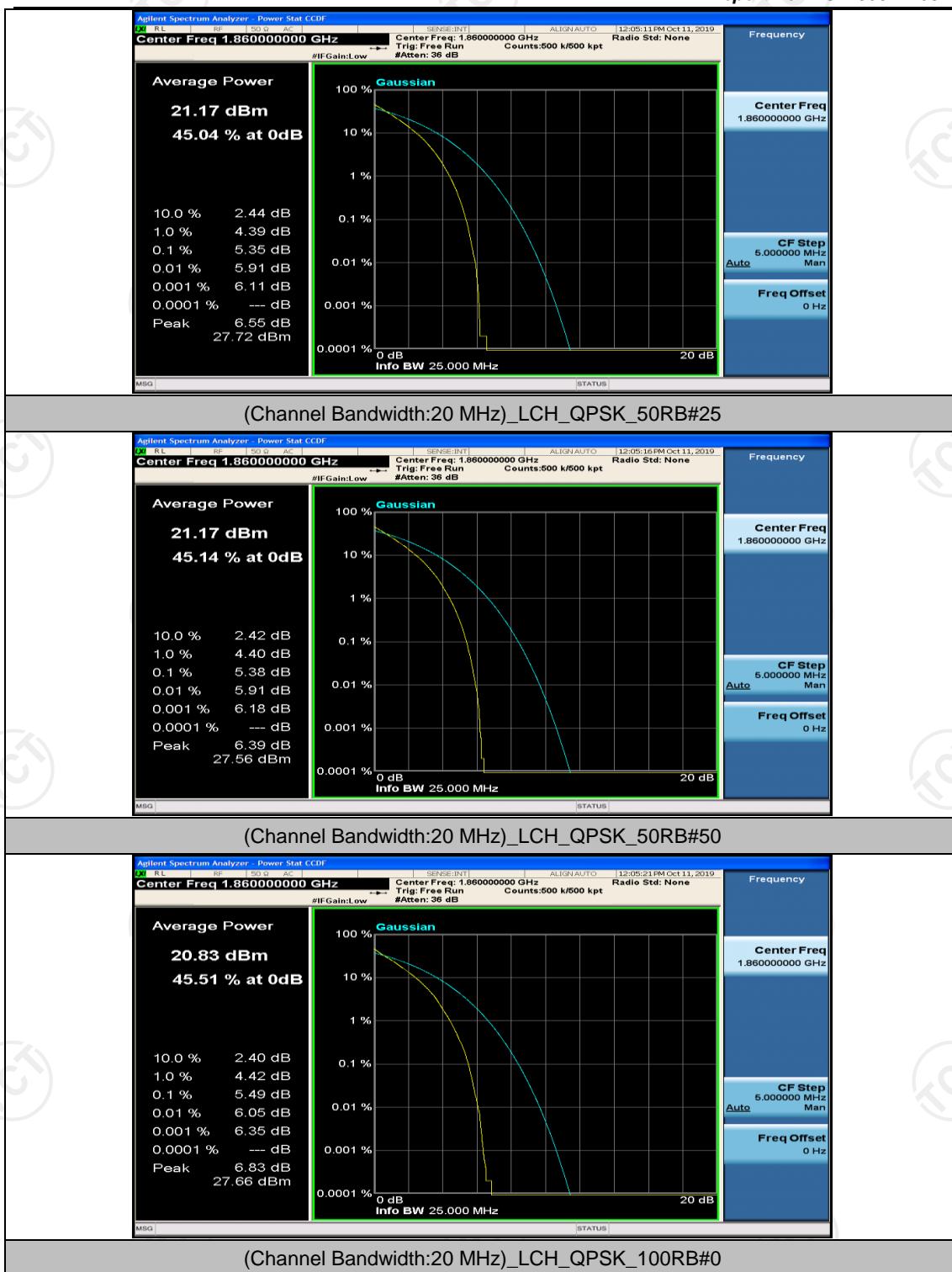


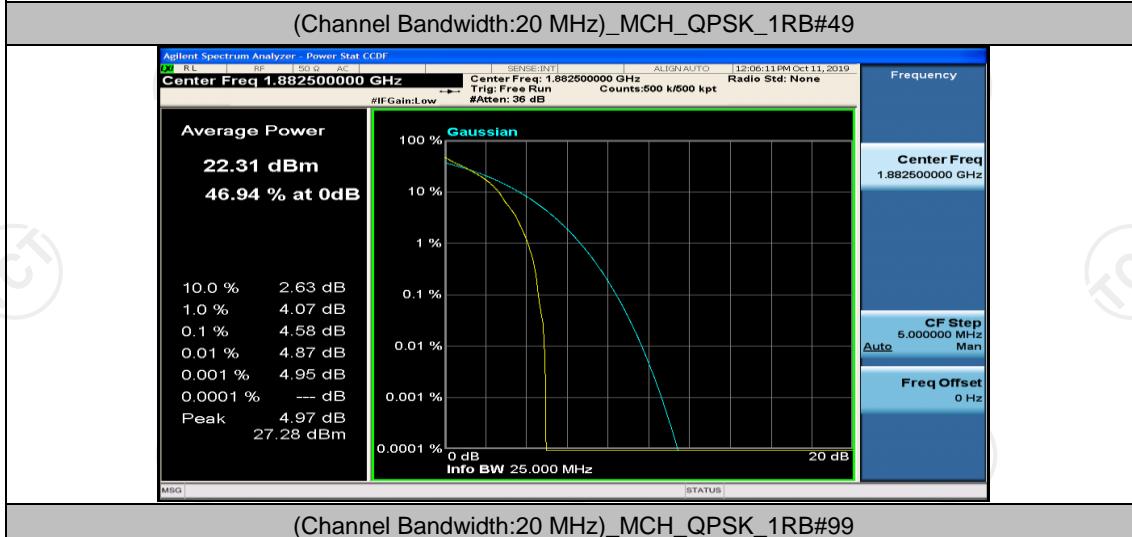
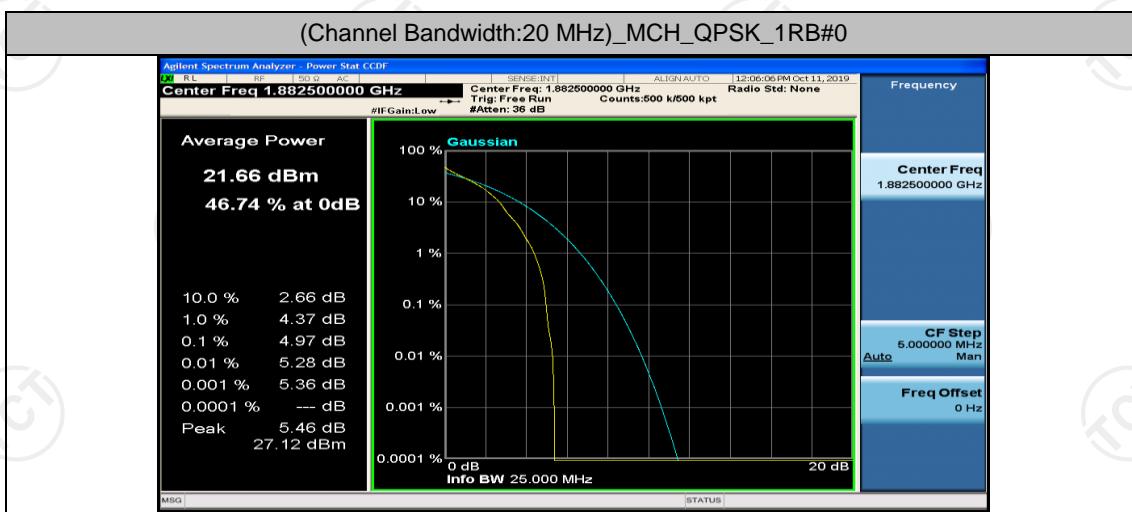
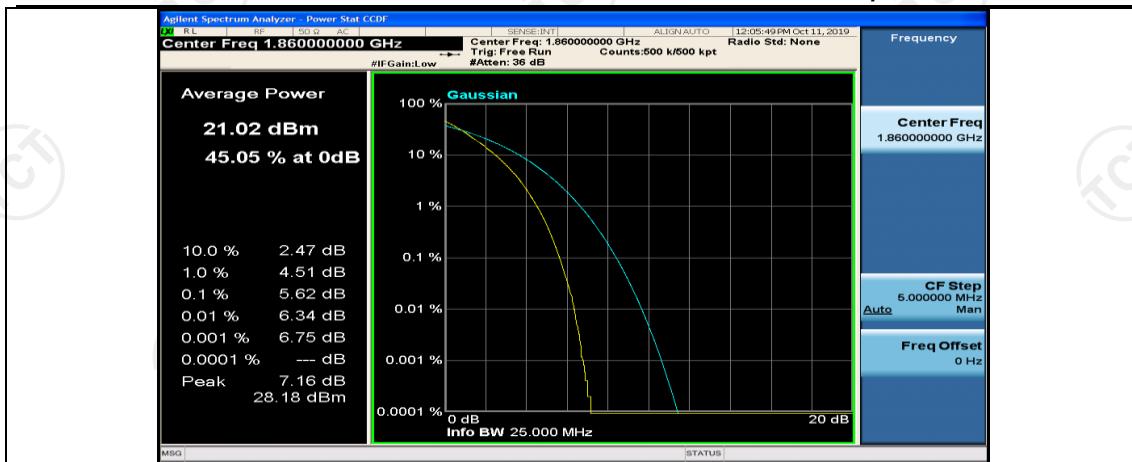


Channel Bandwidth: 20 MHz

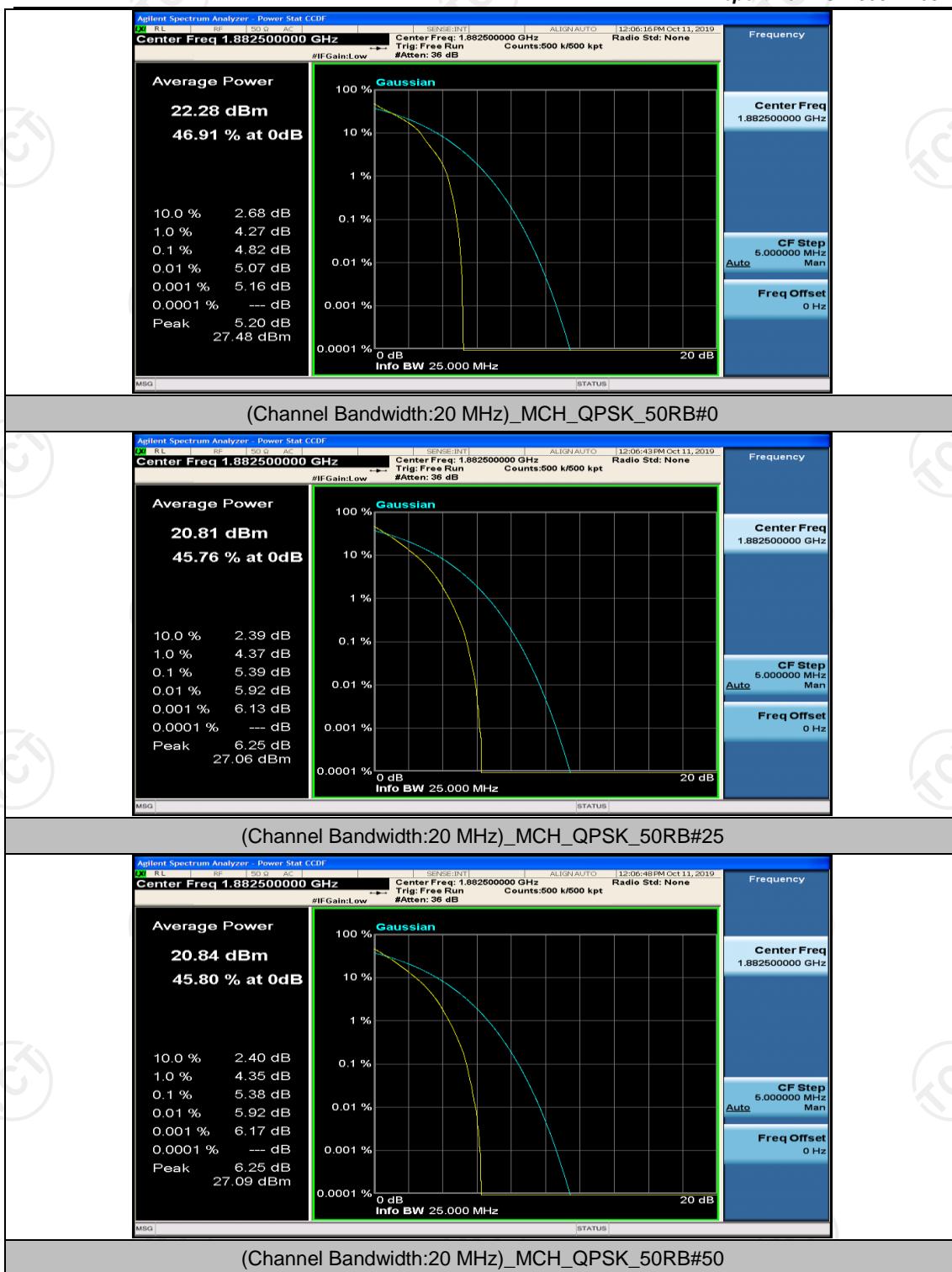
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#0

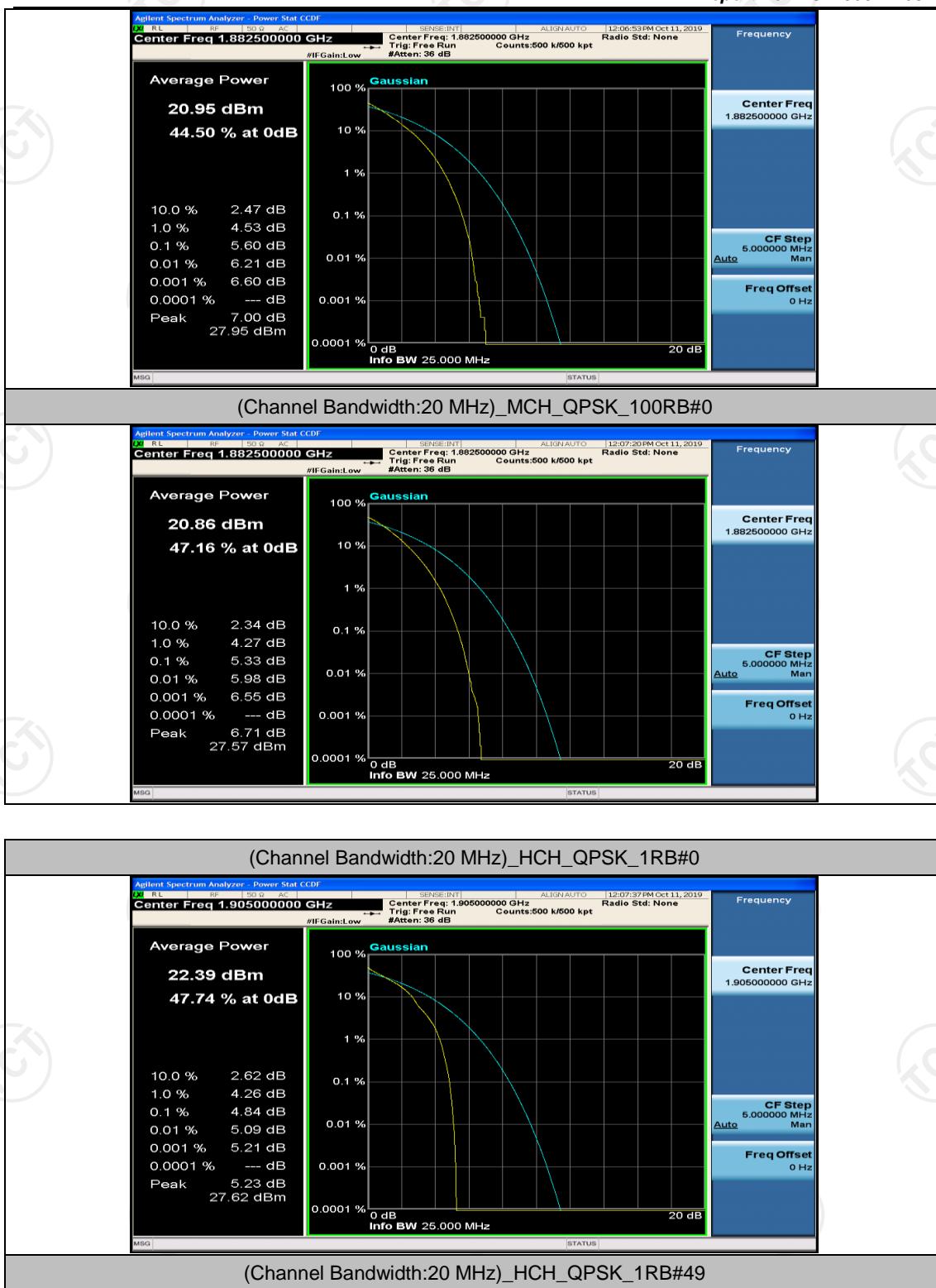


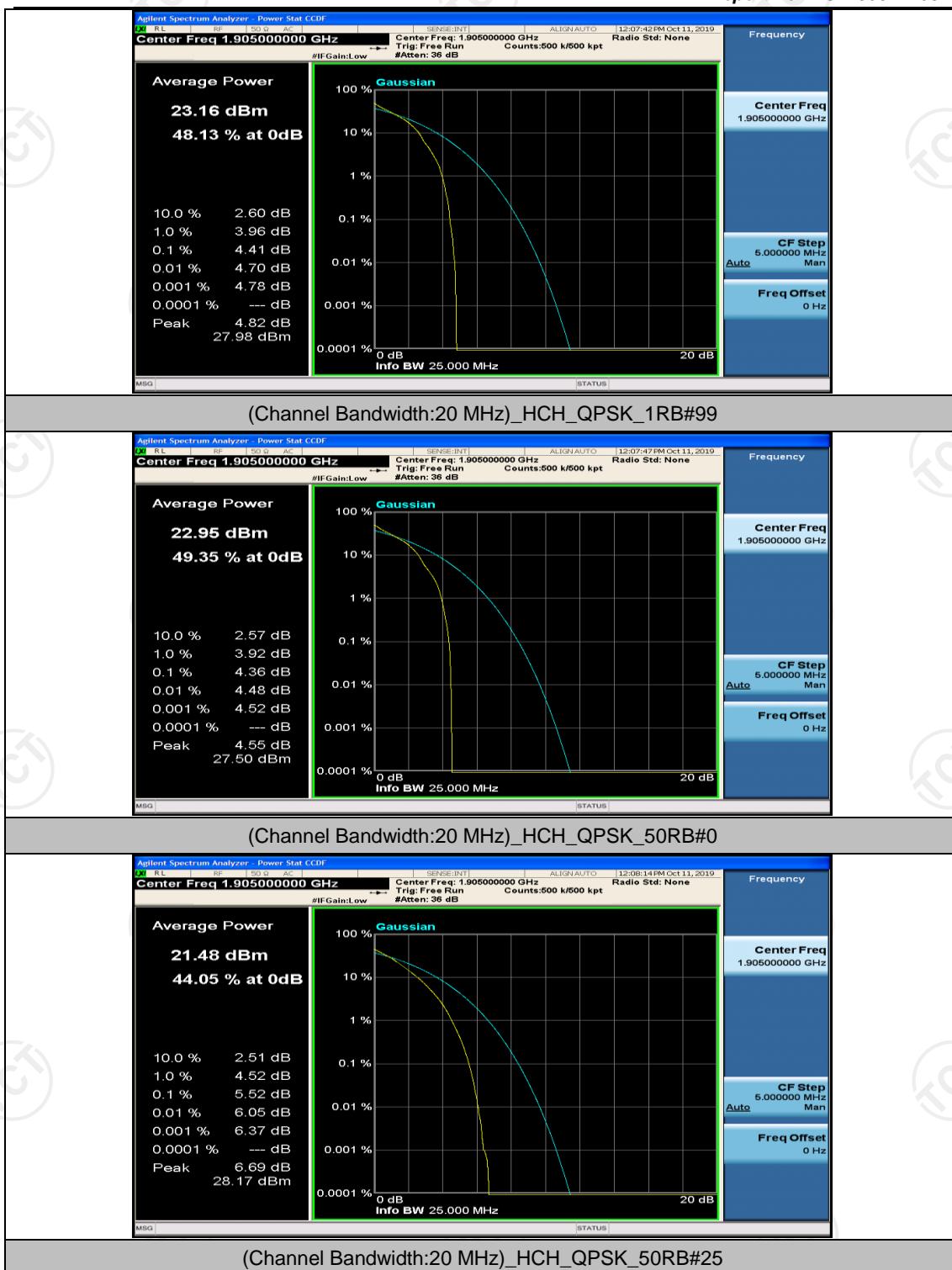


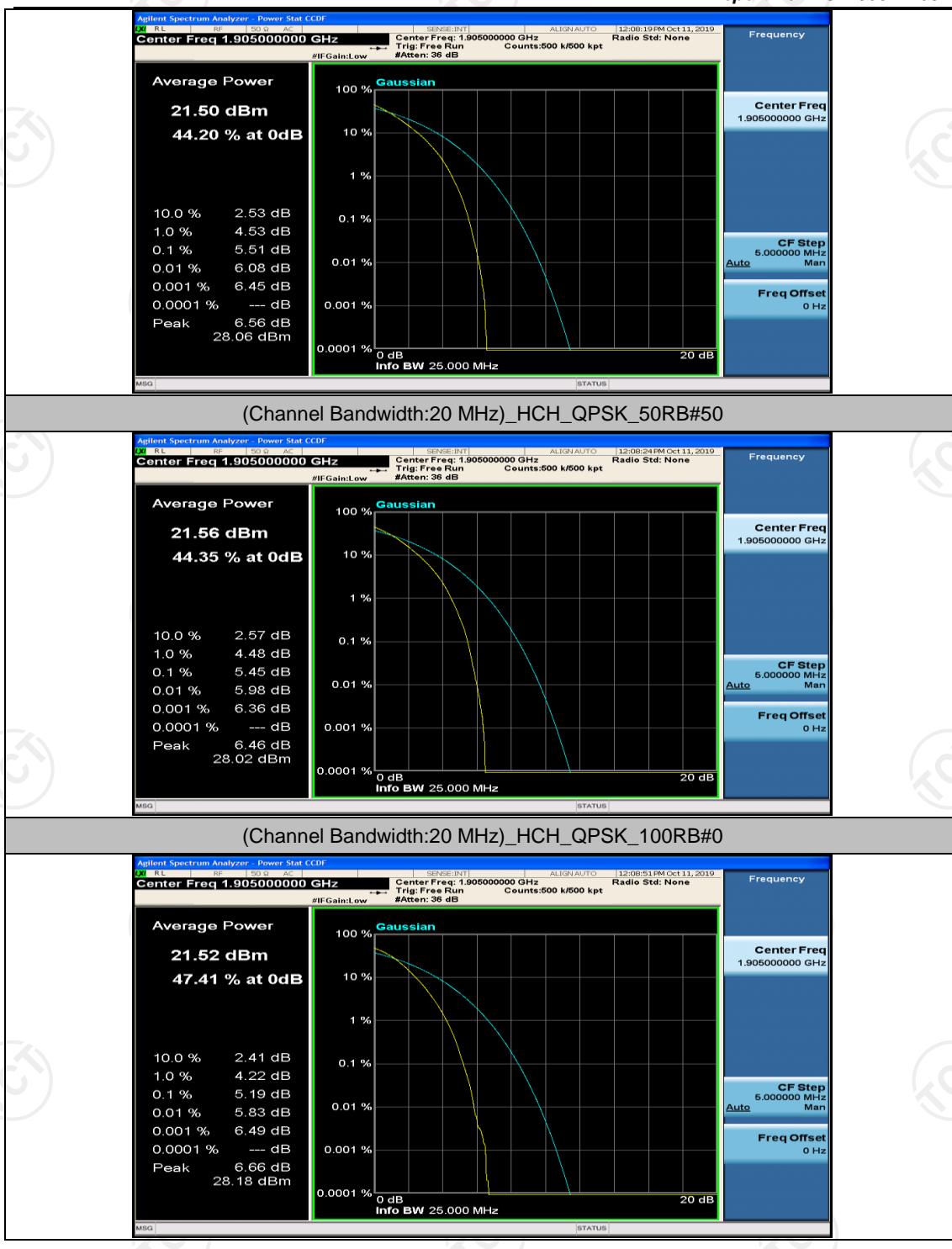


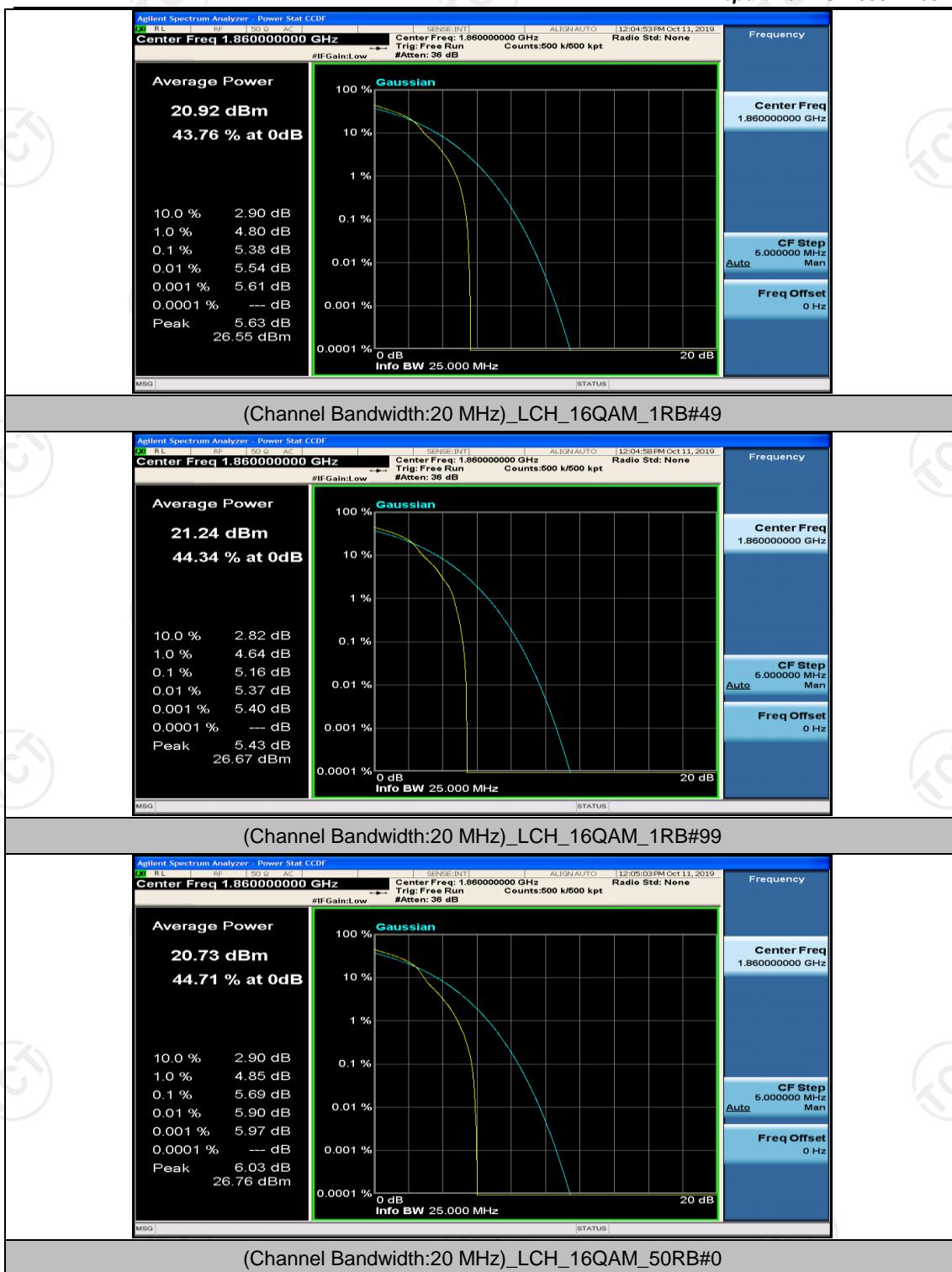
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#99

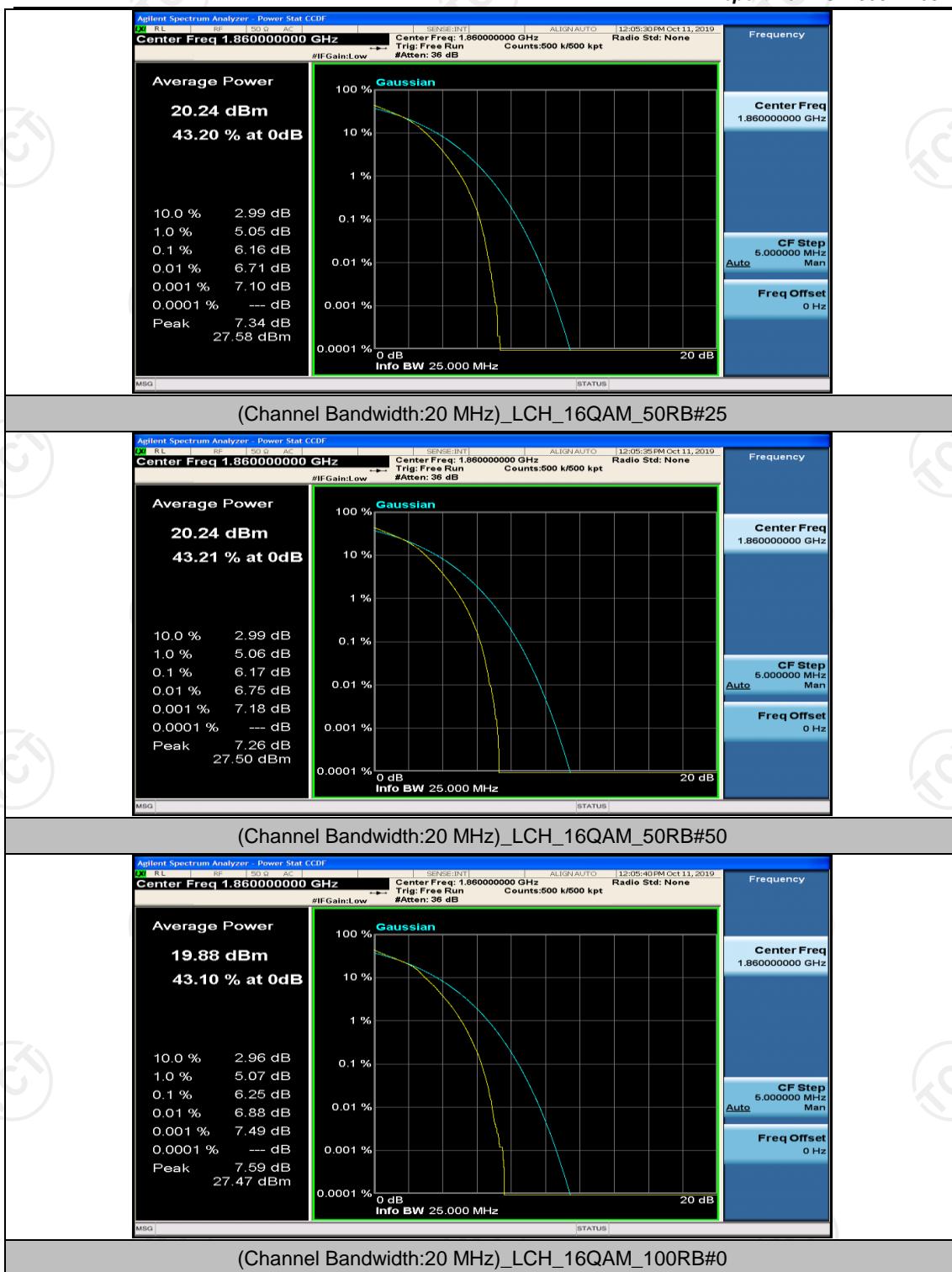


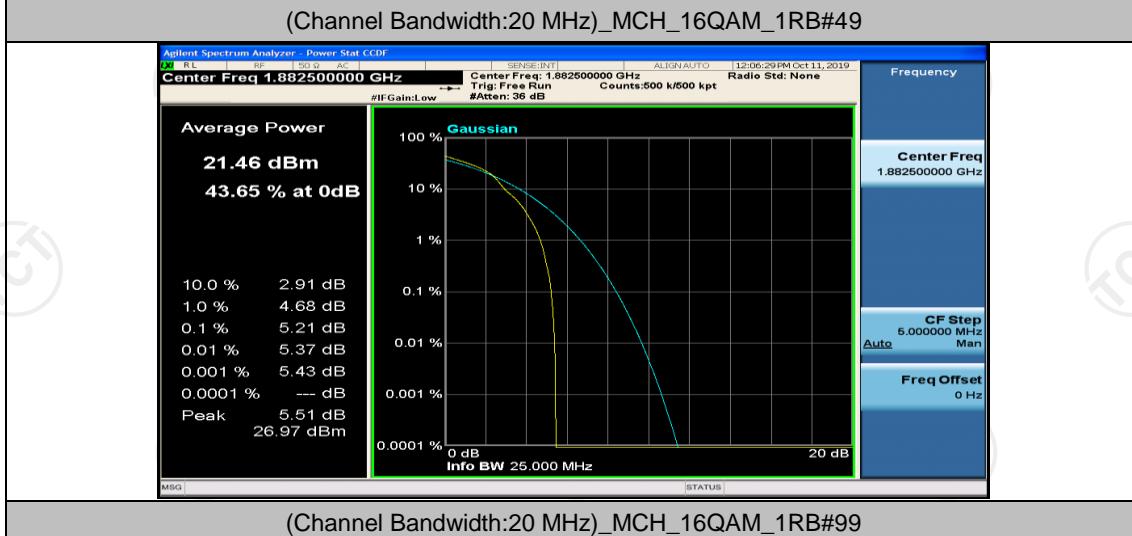
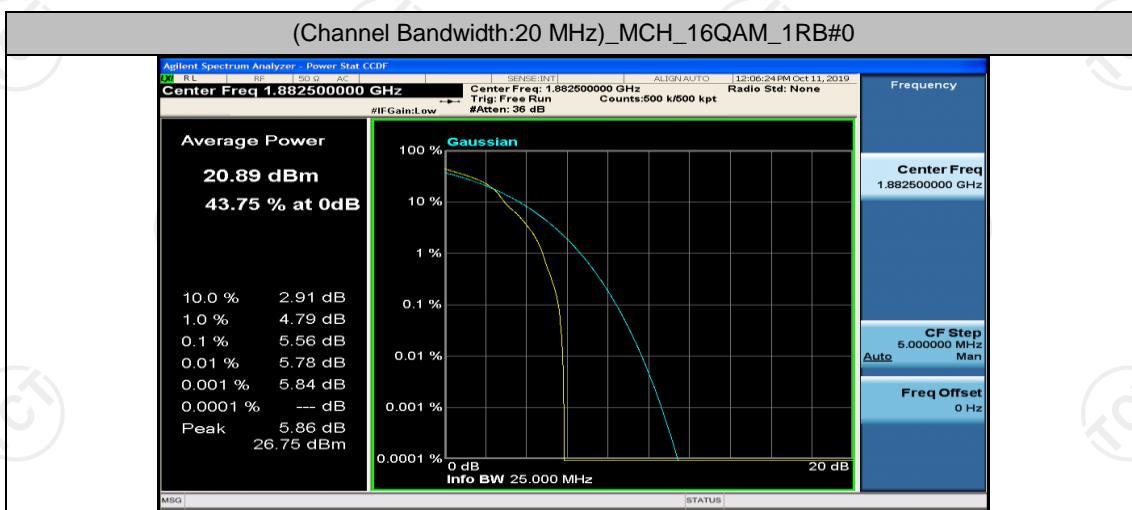
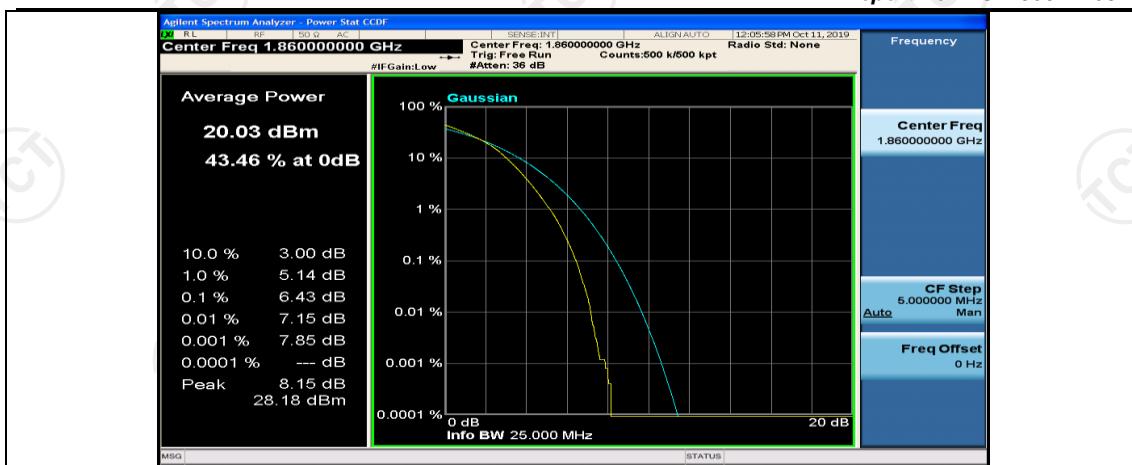




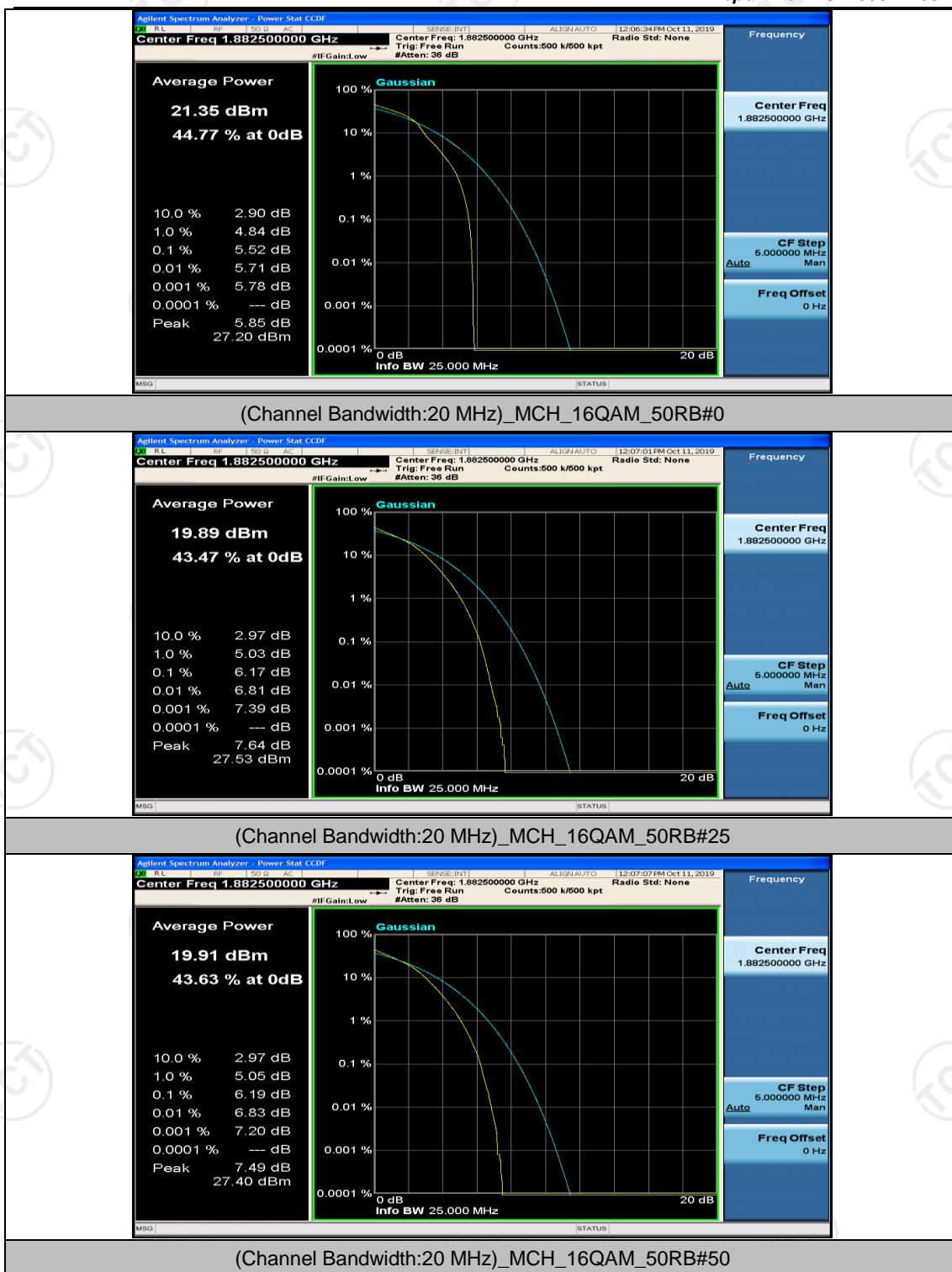


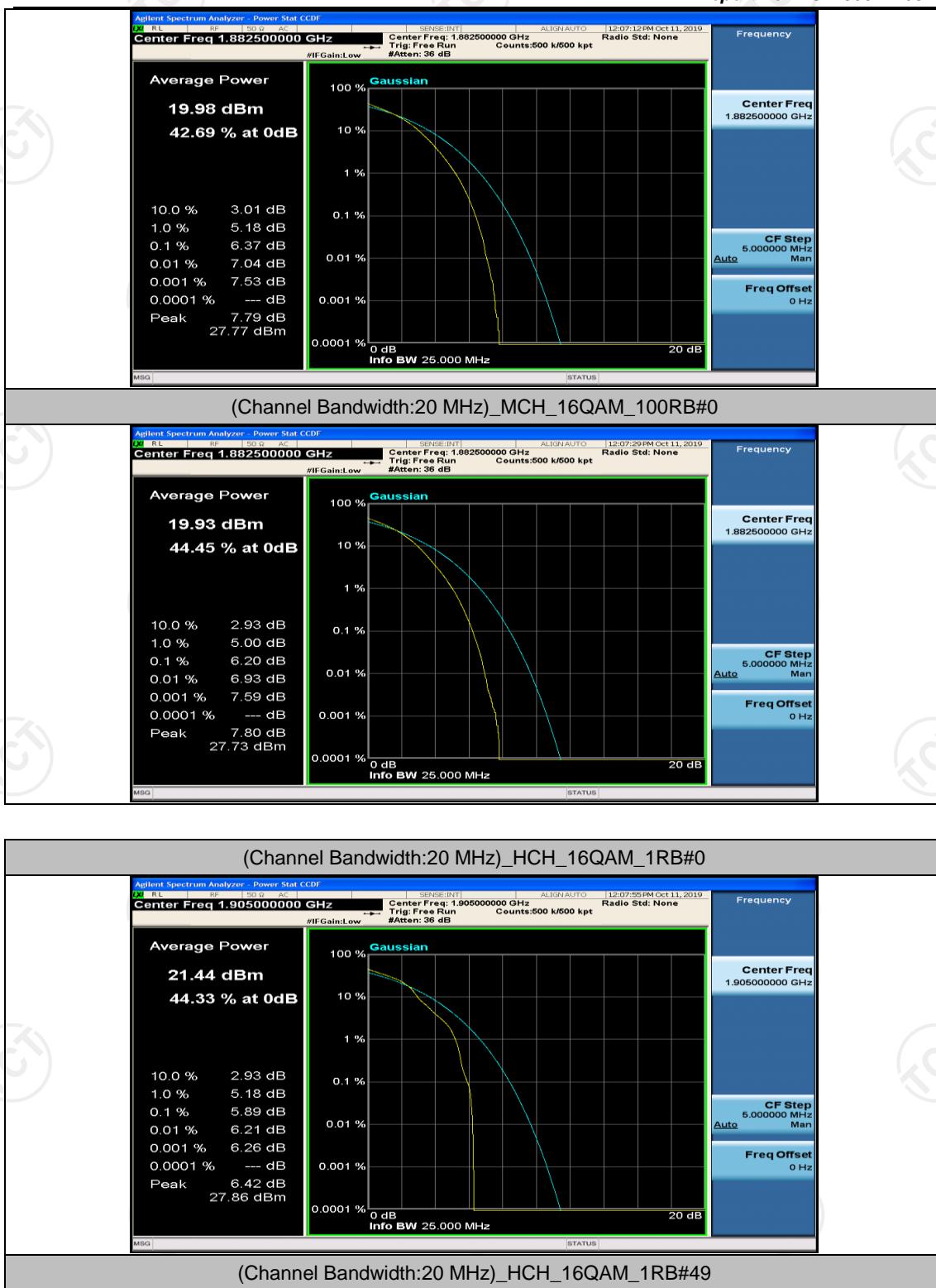


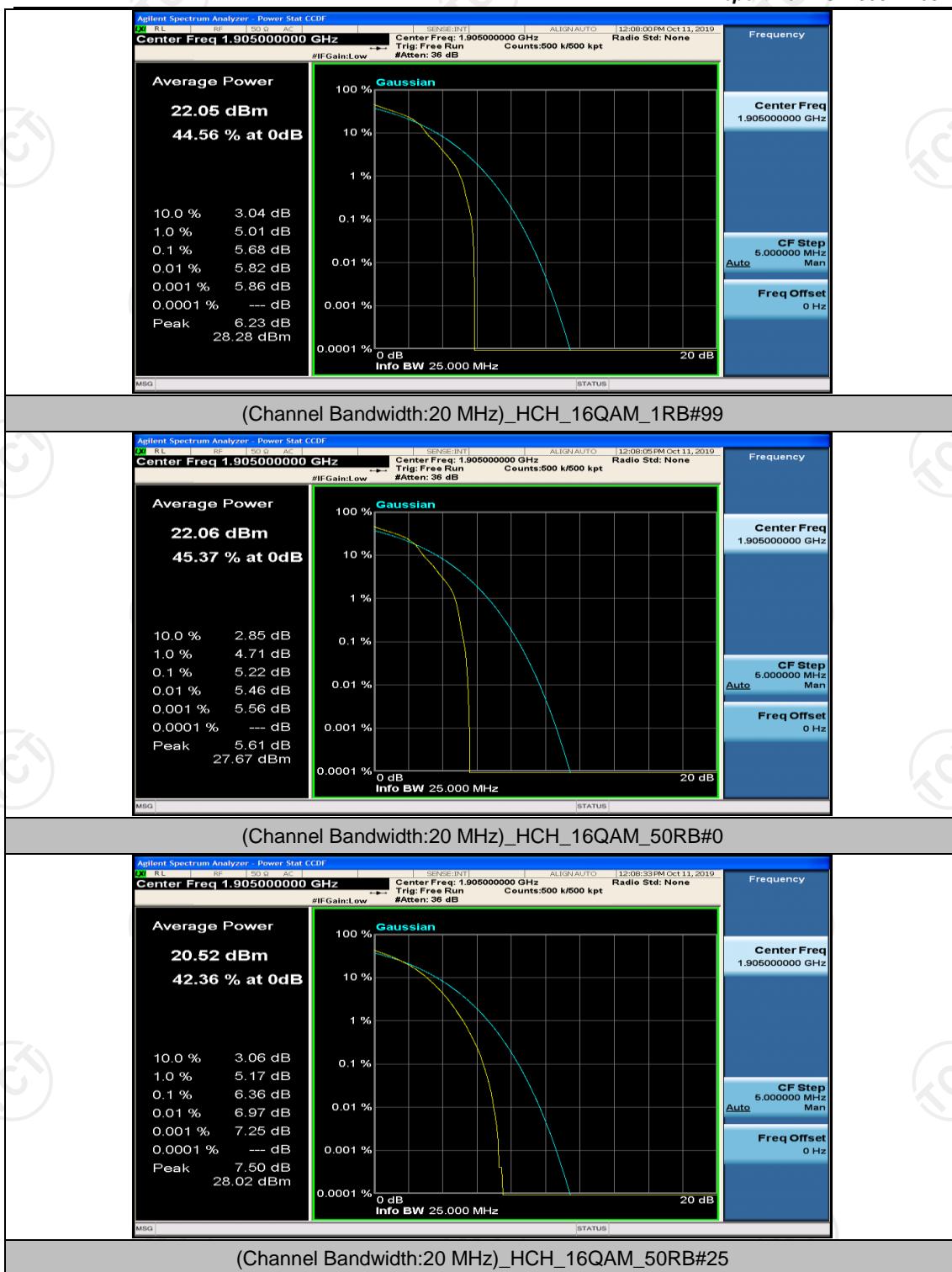


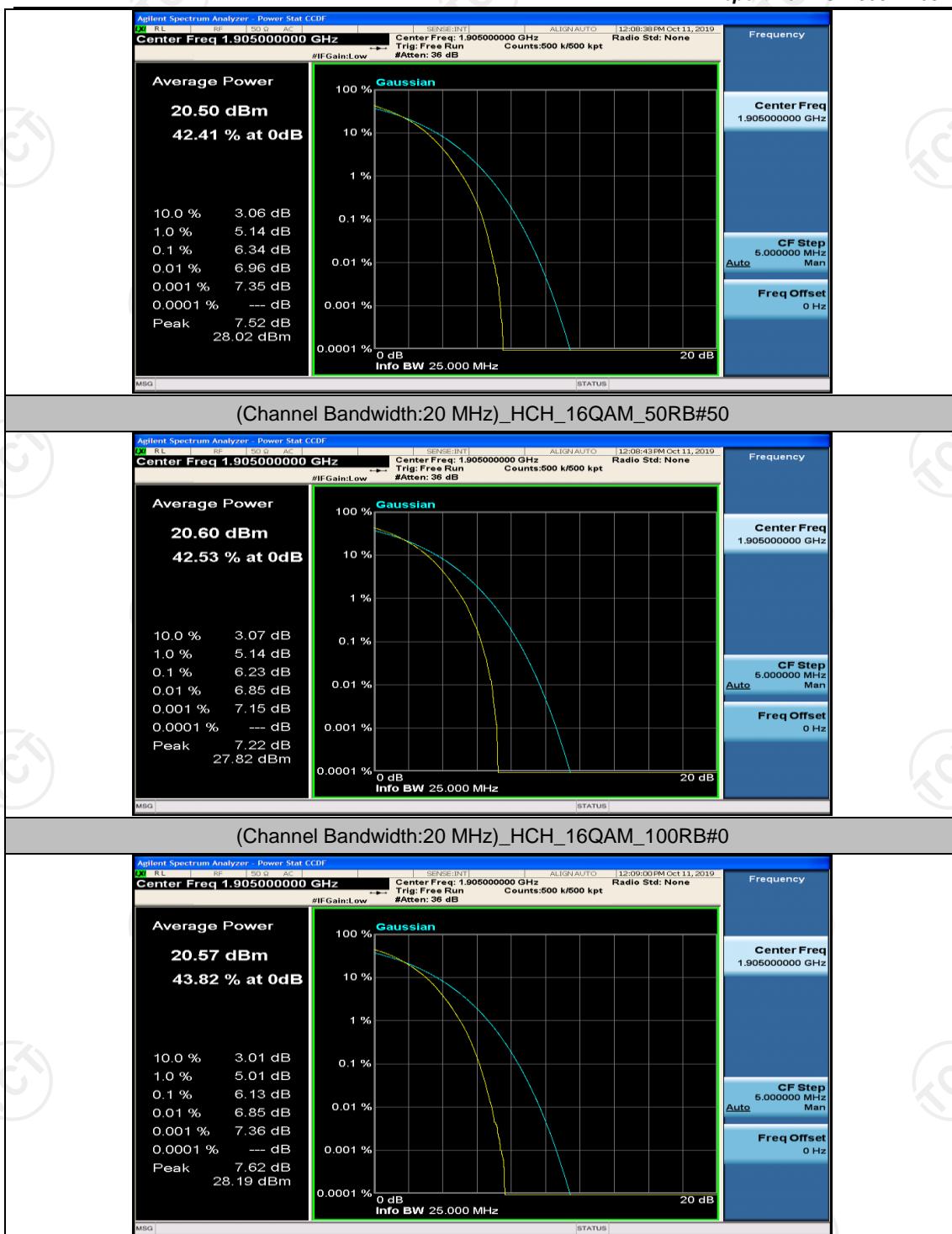


(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#99









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	0.22604	0.3545	PASS
		1	3	0.22359	0.3308	PASS
		1	5	0.22647	0.3408	PASS
		3	0	0.55298	0.7076	PASS
		3	2	0.55393	0.7071	PASS
		3	3	0.55307	0.7052	PASS
		6	0	1.0778	1.210	PASS
	MCH	1	0	0.22270	0.3468	PASS
		1	3	0.22569	0.3480	PASS
		1	5	0.22582	0.3544	PASS
		3	0	0.55257	0.6967	PASS
		3	2	0.55110	0.7049	PASS
		3	3	0.54987	0.7347	PASS
		6	0	1.0755	1.206	PASS
16QAM	LCH	1	0	0.23996	0.3740	PASS
		1	3	0.24813	0.3869	PASS
		1	5	0.24839	0.3809	PASS
		3	0	0.56356	0.8578	PASS
		3	2	0.56373	0.7905	PASS
		3	3	0.56511	0.8780	PASS
		6	0	1.0801	1.296	PASS
	MCH	1	0	0.22801	0.3476	PASS
		1	3	0.23100	0.3543	PASS
		1	5	0.23147	0.3615	PASS
		3	0	0.55079	0.7012	PASS
		3	2	0.54964	0.7025	PASS
		3	3	0.55262	0.7332	PASS
		6	0	1.0762	1.240	PASS

		1	3	0.23143	0.3792	PASS
		1	5	0.23222	0.3706	PASS
		3	0	0.55064	0.6928	PASS
		3	2	0.54975	0.7195	PASS
		3	3	0.55159	0.7296	PASS
		6	0	1.0771	1.241	PASS
	HCH	1	0	0.23642	0.3845	PASS
		1	3	0.24245	0.4291	PASS
		1	5	0.24041	0.3736	PASS
		3	0	0.55425	0.7423	PASS
		3	2	0.55396	0.8266	PASS
		3	3	0.55871	0.8013	PASS
		6	0	1.0783	1.247	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	0.25658	0.4153	PASS
		1	7	0.25833	0.4303	PASS
		1	14	0.25677	0.3890	PASS
		8	0	1.4405	1.662	PASS
		8	4	1.4453	1.646	PASS
		8	7	1.4431	1.646	PASS
		15	0	2.6722	2.815	PASS
	MCH	1	0	0.25778	0.3856	PASS
		1	7	0.25378	0.4226	PASS
		1	14	0.25585	0.3950	PASS
		8	0	1.4416	1.638	PASS
		8	4	1.4413	1.665	PASS
		8	7	1.4416	1.657	PASS
		15	0	2.6759	2.822	PASS
	HCH	1	0	0.25193	0.3826	PASS
		1	7	0.26875	0.4289	PASS
		1	14	0.27240	0.4150	PASS
		8	0	1.4436	1.677	PASS
		8	4	1.4486	1.676	PASS
		8	7	1.4450	1.684	PASS

		15	0	2.6864	2.854	PASS
16QAM	LCH	1	0	0.26066	0.4270	PASS
		1	7	0.26740	0.4585	PASS
		1	14	0.26500	0.4329	PASS
		8	0	1.4463	1.650	PASS
		8	4	1.4492	1.623	PASS
		8	7	1.4503	1.622	PASS
		15	0	2.6732	2.837	PASS
16QAM	MCH	1	0	0.25491	0.3972	PASS
		1	7	0.26942	0.4491	PASS
		1	14	0.26313	0.4246	PASS
		8	0	1.4455	1.644	PASS
		8	4	1.4437	1.627	PASS
		8	7	1.4516	1.656	PASS
		15	0	2.6759	2.812	PASS
16QAM	HCH	1	0	0.25281	0.3800	PASS
		1	7	0.26845	0.4258	PASS
		1	14	0.26977	0.4456	PASS
		8	0	1.4482	1.640	PASS
		8	4	1.4471	1.631	PASS
		8	7	1.4433	1.623	PASS
		15	0	2.6824	2.833	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	0.33872	0.5464	PASS
		1	12	0.34301	0.5877	PASS
		1	24	0.35940	0.5919	PASS
		12	0	2.1749	2.607	PASS
		12	6	2.1799	2.649	PASS
		12	13	2.1767	2.591	PASS
		25	0	4.4781	4.913	PASS
QPSK	MCH	1	0	0.33303	0.5812	PASS
		1	12	0.34701	0.5803	PASS
		1	24	0.36467	0.6132	PASS
		12	0	2.1765	2.567	PASS

	16QAM	HCH	12	6	2.1781	2.589	PASS
			12	13	2.1789	2.636	PASS
			25	0	4.4712	4.870	PASS
			1	0	0.34332	0.5637	PASS
			1	12	0.35884	0.5540	PASS
			1	24	0.35610	0.5384	PASS
			12	0	2.1856	2.640	PASS
		LCH	12	6	2.1843	2.613	PASS
			12	13	2.1852	2.674	PASS
			25	0	4.4832	4.918	PASS
			1	0	0.35159	0.5813	PASS
			1	12	0.38315	0.5885	PASS
			1	24	0.36040	0.5286	PASS
			12	0	2.1725	2.582	PASS
		MCH	12	6	2.1787	2.565	PASS
			12	13	2.1764	2.591	PASS
			25	0	4.4765	4.842	PASS
			1	0	0.36719	0.5669	PASS
			1	12	0.36410	0.5689	PASS
			1	24	0.36758	0.5850	PASS
			12	0	2.1792	2.634	PASS
		HCH	12	6	2.1772	2.653	PASS
			12	13	2.1805	2.617	PASS
			25	0	4.4699	4.841	PASS
			1	0	0.33527	0.5946	PASS
			1	12	0.36223	0.5743	PASS
			1	24	0.35438	0.5456	PASS
			12	0	2.1725	2.517	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	0.43795	0.6600	PASS
		1	25	0.43814	0.7235	PASS
		1	49	0.42059	0.6677	PASS
		25	0	4.5132	4.966	PASS

	MCH	25	12	4.5161	5.022	PASS
		25	25	4.5204	5.012	PASS
		50	0	8.9398	9.537	PASS
		1	0	0.43411	0.7116	PASS
		1	25	0.45639	0.7102	PASS
		1	49	0.42102	0.6656	PASS
		25	0	4.5071	4.968	PASS
	HCH	25	12	4.5155	5.013	PASS
		25	25	4.5113	4.968	PASS
		50	0	8.9381	9.498	PASS
		1	0	0.44224	0.6476	PASS
		1	25	0.46562	0.7208	PASS
		1	49	0.44018	0.6735	PASS
		25	0	4.5085	4.940	PASS
16QAM	LCH	25	12	4.5052	4.998	PASS
		25	25	4.5319	5.033	PASS
		50	0	8.9681	9.471	PASS
		1	0	0.42507	0.6915	PASS
		1	25	0.44618	0.6214	PASS
		1	49	0.44620	0.6606	PASS
		25	0	4.5104	5.061	PASS
	MCH	25	12	4.5158	5.032	PASS
		25	25	4.5117	4.940	PASS
		50	0	8.9326	9.437	PASS
		1	0	0.43213	0.6781	PASS
		1	25	0.45104	0.7020	PASS
		1	49	0.46488	0.7380	PASS
		25	0	4.4975	5.055	PASS
	HCH	25	12	4.4976	5.005	PASS
		25	25	4.5122	4.958	PASS
		50	0	8.9282	9.430	PASS
		1	0	0.44997	0.7015	PASS
		1	25	0.45980	0.6860	PASS
		1	49	0.46780	0.7263	PASS
		25	0	4.5054	4.991	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	0.52113	0.7509	PASS
		1	37	0.54162	0.8744	PASS
		1	74	0.53921	0.8202	PASS
		37	0	13.419	14.18	PASS
		37	18	13.423	14.18	PASS
		37	38	13.424	14.13	PASS
		75	0	13.402	14.13	PASS
	MCH	1	0	0.53029	0.7984	PASS
		1	37	0.54623	0.8294	PASS
		1	74	0.52983	0.8096	PASS
		37	0	13.373	14.09	PASS
		37	18	13.364	14.05	PASS
		37	38	13.368	14.14	PASS
		75	0	13.375	13.99	PASS
16QAM	LCH	1	0	0.52394	0.8290	PASS
		1	37	0.54110	0.8180	PASS
		1	74	0.52276	0.7477	PASS
		37	0	13.387	14.02	PASS
		37	18	13.376	14.06	PASS
		37	38	13.383	14.02	PASS
		75	0	13.386	14.04	PASS
	MCH	1	0	0.55152	0.8069	PASS
		1	37	0.54043	0.8300	PASS
		1	74	0.51029	0.7356	PASS
		37	0	13.418	14.06	PASS
		37	18	13.411	14.13	PASS
		37	38	13.411	14.23	PASS
		75	0	13.417	14.06	PASS
	HCH	1	0	0.55142	0.7954	PASS
		1	37	0.54320	0.7743	PASS
		1	74	0.53016	0.7798	PASS
		37	0	13.356	14.02	PASS
		37	18	13.375	13.99	PASS
		37	38	13.377	14.13	PASS
		75	0	13.366	14.03	PASS
	HCH	1	0	0.54804	0.8185	PASS

		1	37	0.53807	0.8010	PASS
		1	74	0.53964	0.8087	PASS
		37	0	13.376	14.08	PASS
		37	18	13.377	14.04	PASS
		37	38	13.364	14.01	PASS
		75	0	13.376	14.08	PASS

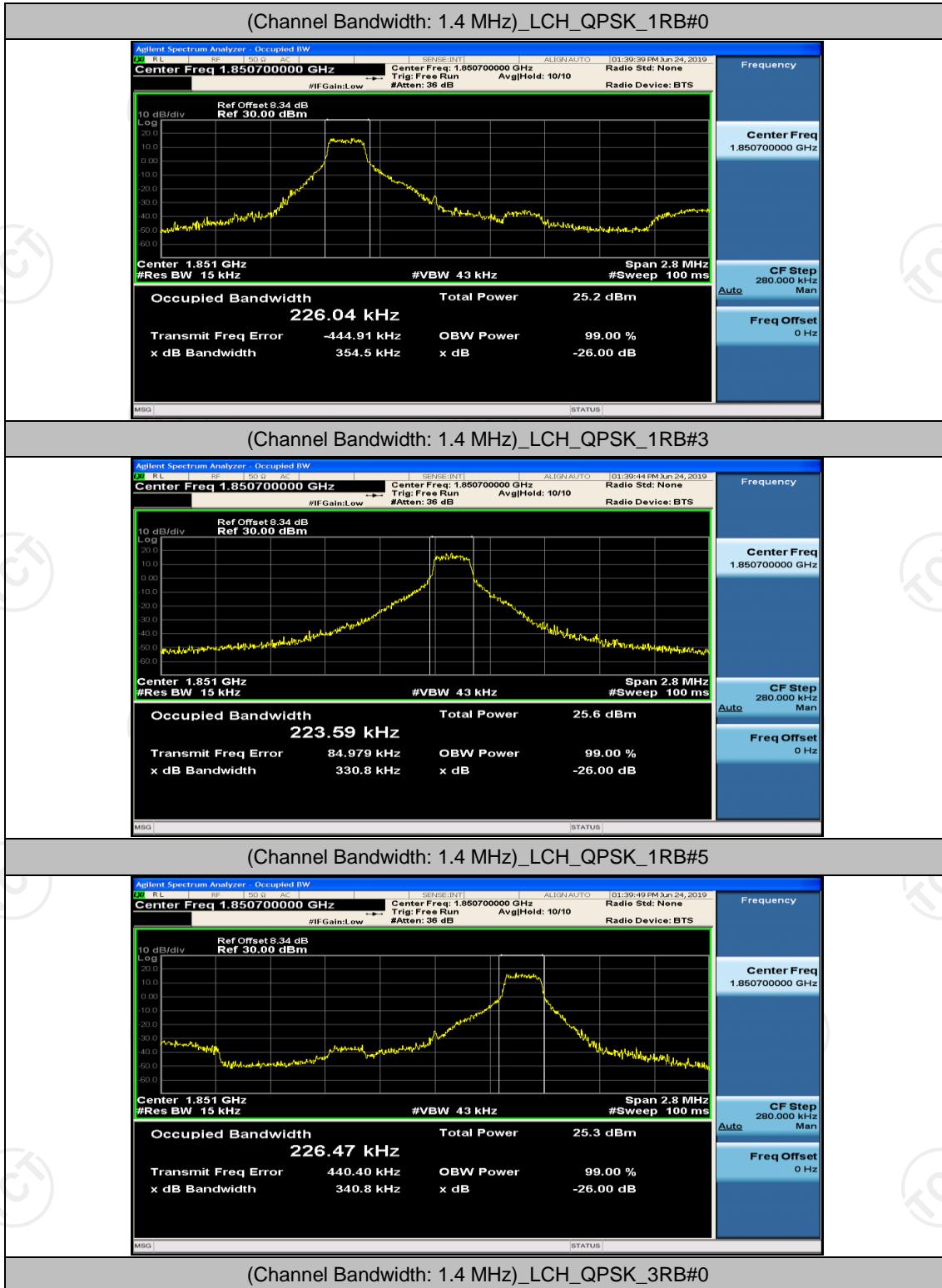
Channel Bandwidth: 20 MHz

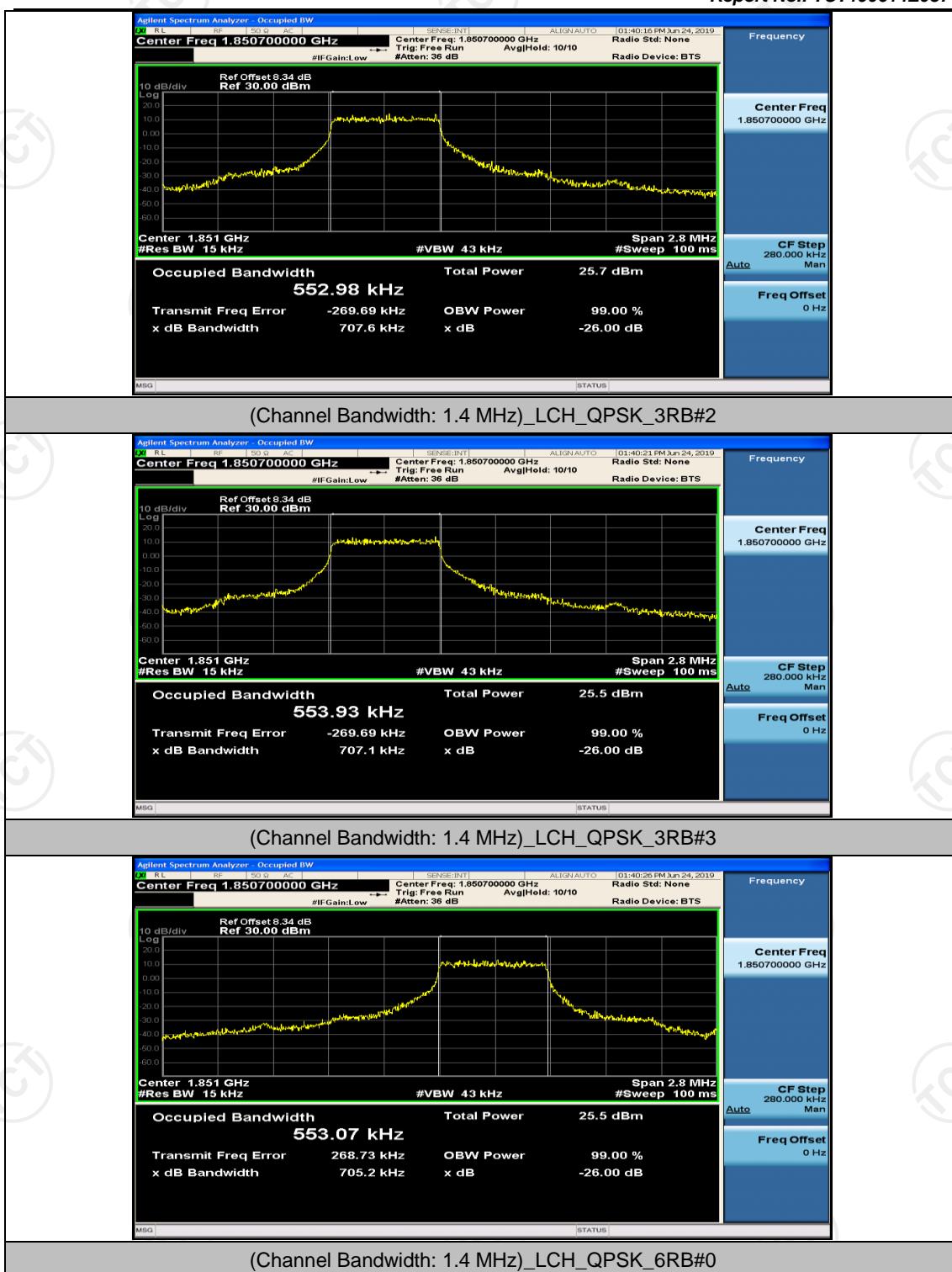
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.59749	0.8795	PASS
		1	50	0.59688	0.8519	PASS
		1	99	0.61080	0.8706	PASS
		50	0	8.9810	9.682	PASS
		50	25	8.9798	9.654	PASS
		50	50	8.9989	9.743	PASS
		100	0	17.907	18.64	PASS
	MCH	1	0	0.62186	0.9163	PASS
		1	50	0.59711	0.8678	PASS
		1	99	0.61715	0.8642	PASS
		50	0	8.9500	9.578	PASS
		50	25	8.9538	9.597	PASS
		50	50	8.9819	9.644	PASS
		100	0	17.824	18.50	PASS
	HCH	1	0	0.59872	0.8470	PASS
		1	50	0.60257	0.8989	PASS
		1	99	0.61432	0.8864	PASS
		50	0	8.9922	9.638	PASS
		50	25	8.9757	9.653	PASS
		50	50	9.0065	9.599	PASS
		100	0	17.778	18.57	PASS
16QAM	LCH	1	0	0.61686	0.8958	PASS
		1	50	0.61996	0.9090	PASS
		1	99	0.61953	0.9199	PASS
		50	0	9.0176	9.787	PASS
		50	25	8.9871	9.721	PASS
		50	50	9.0026	9.666	PASS
		100	0	17.899	18.67	PASS

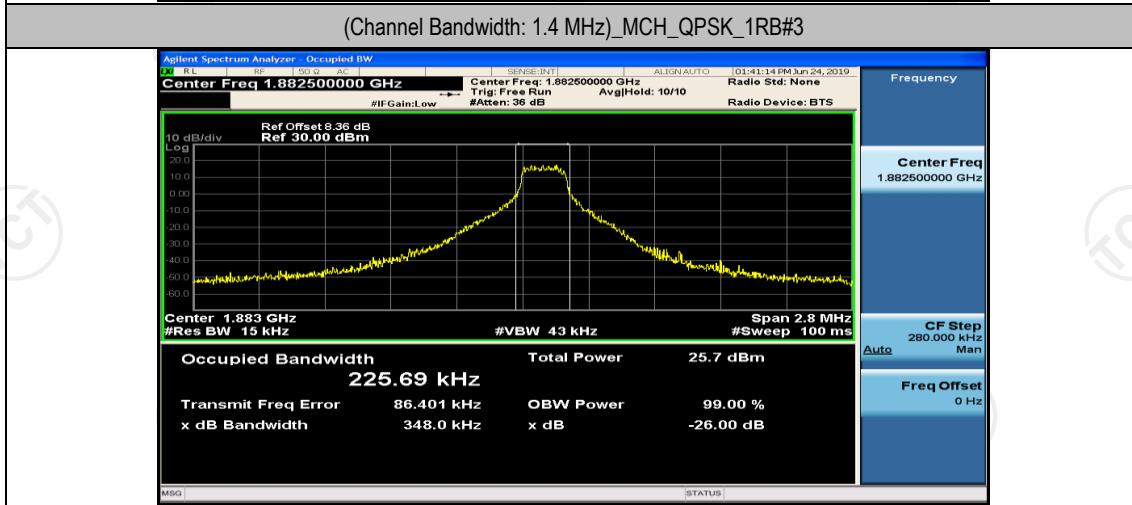
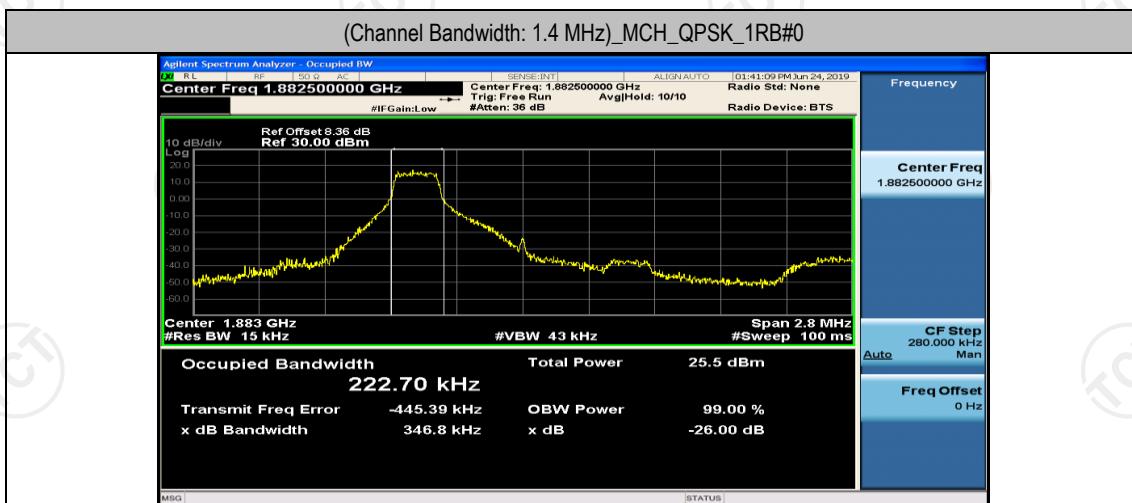
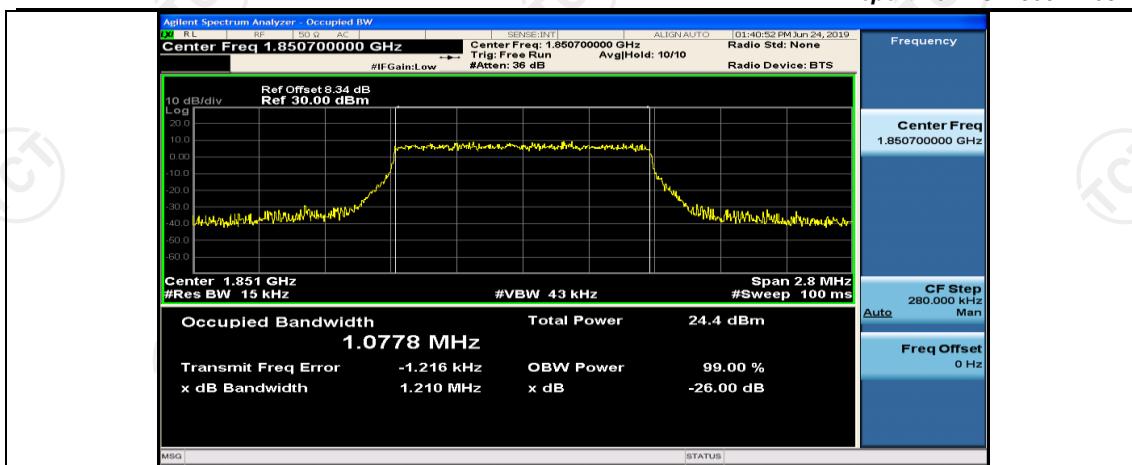
MCH		1	0	0.61043	0.9210	PASS
		1	50	0.63828	0.9465	PASS
		1	99	0.61865	0.9772	PASS
		50	0	8.9758	9.630	PASS
		50	25	8.9687	9.702	PASS
		50	50	8.9917	9.717	PASS
		100	0	17.793	18.55	PASS
HCH		1	0	0.61104	0.9372	PASS
		1	50	0.59814	0.8671	PASS
		1	99	0.62840	0.9749	PASS
		50	0	8.9844	9.612	PASS
		50	25	8.9923	9.613	PASS
		50	50	9.0109	9.662	PASS
		100	0	17.776	18.49	PASS

Test Graphs

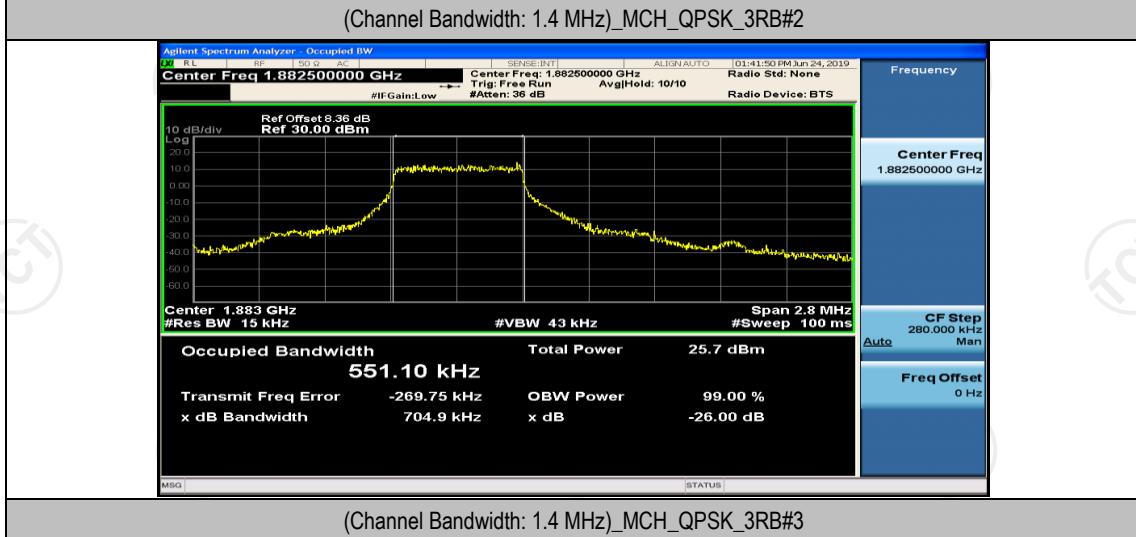
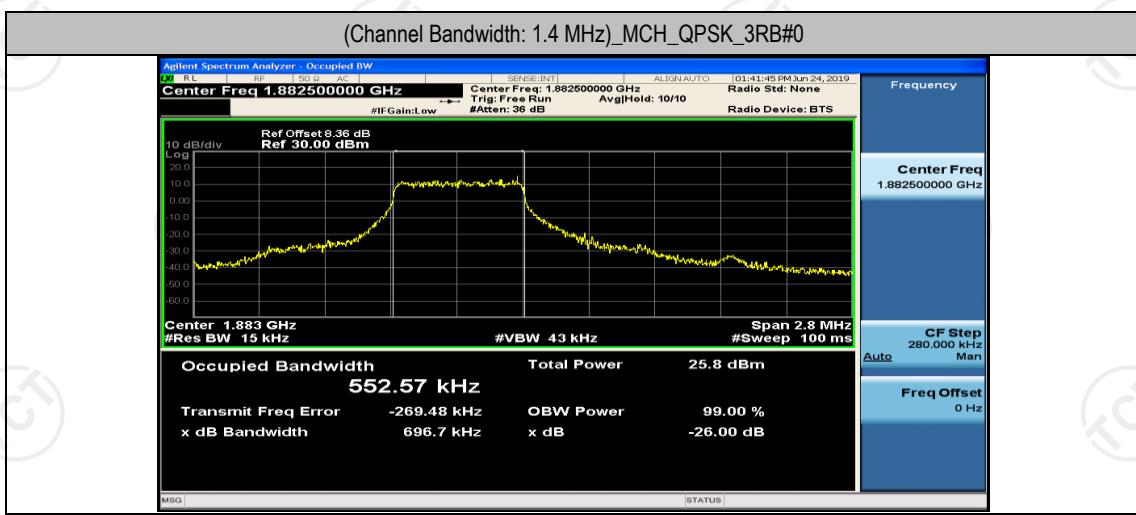
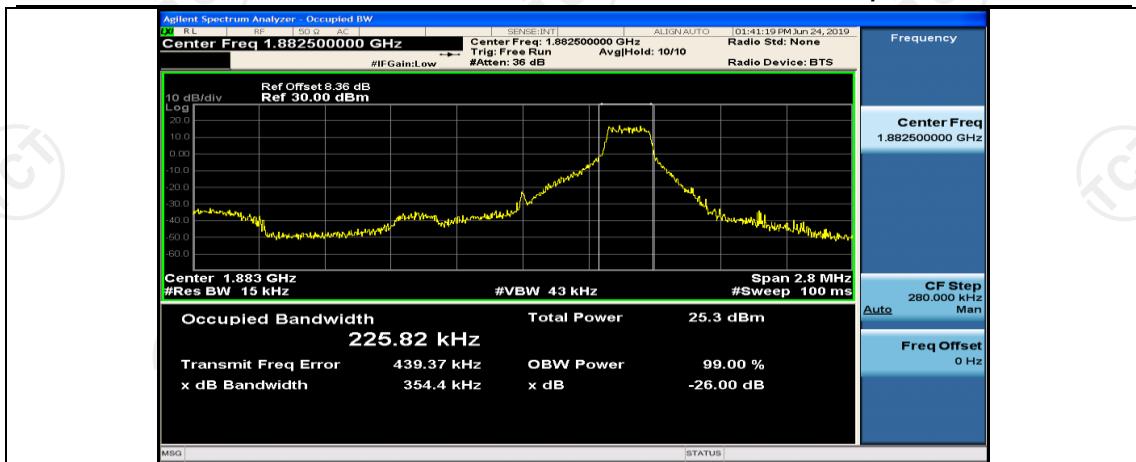
Channel Bandwidth: 1.4 MHz

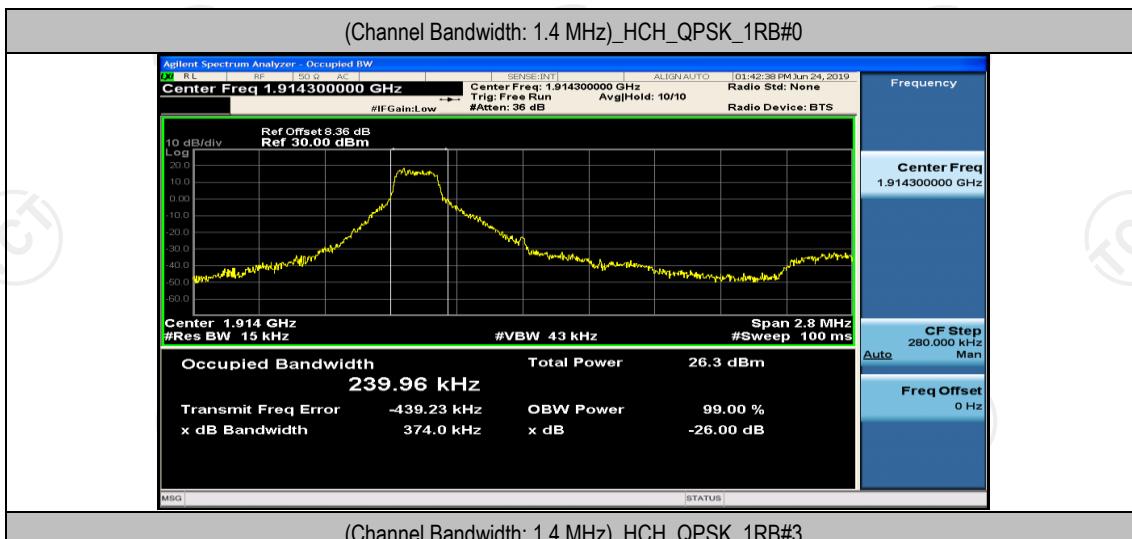
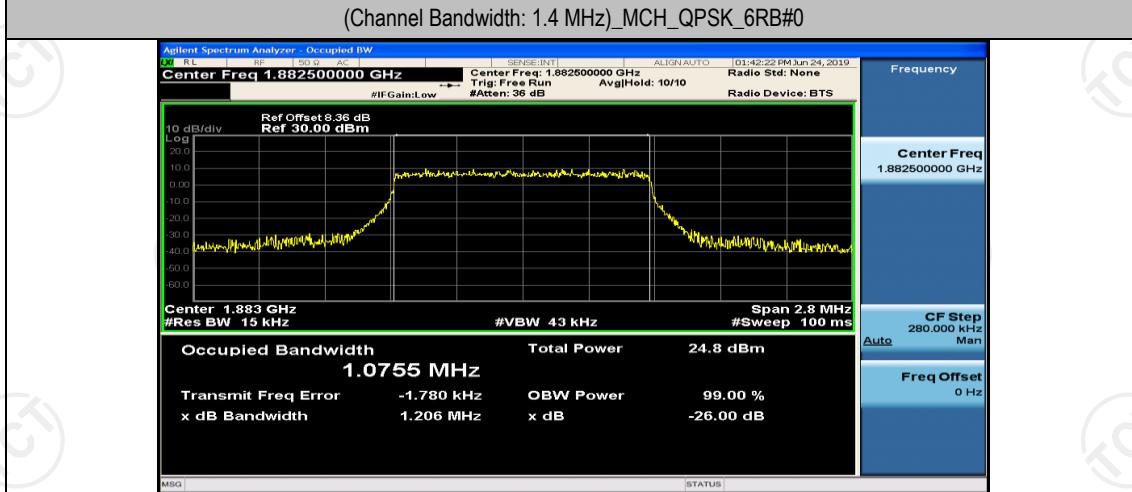
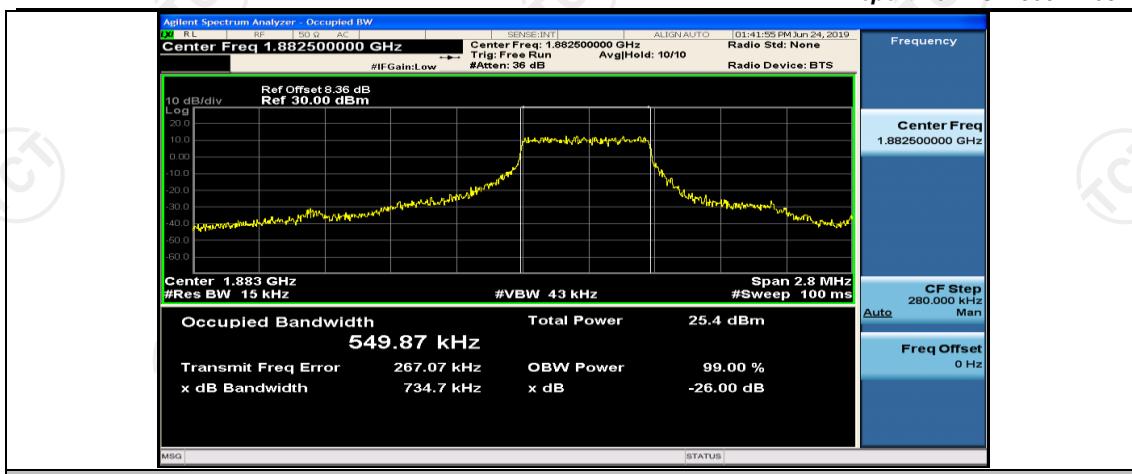


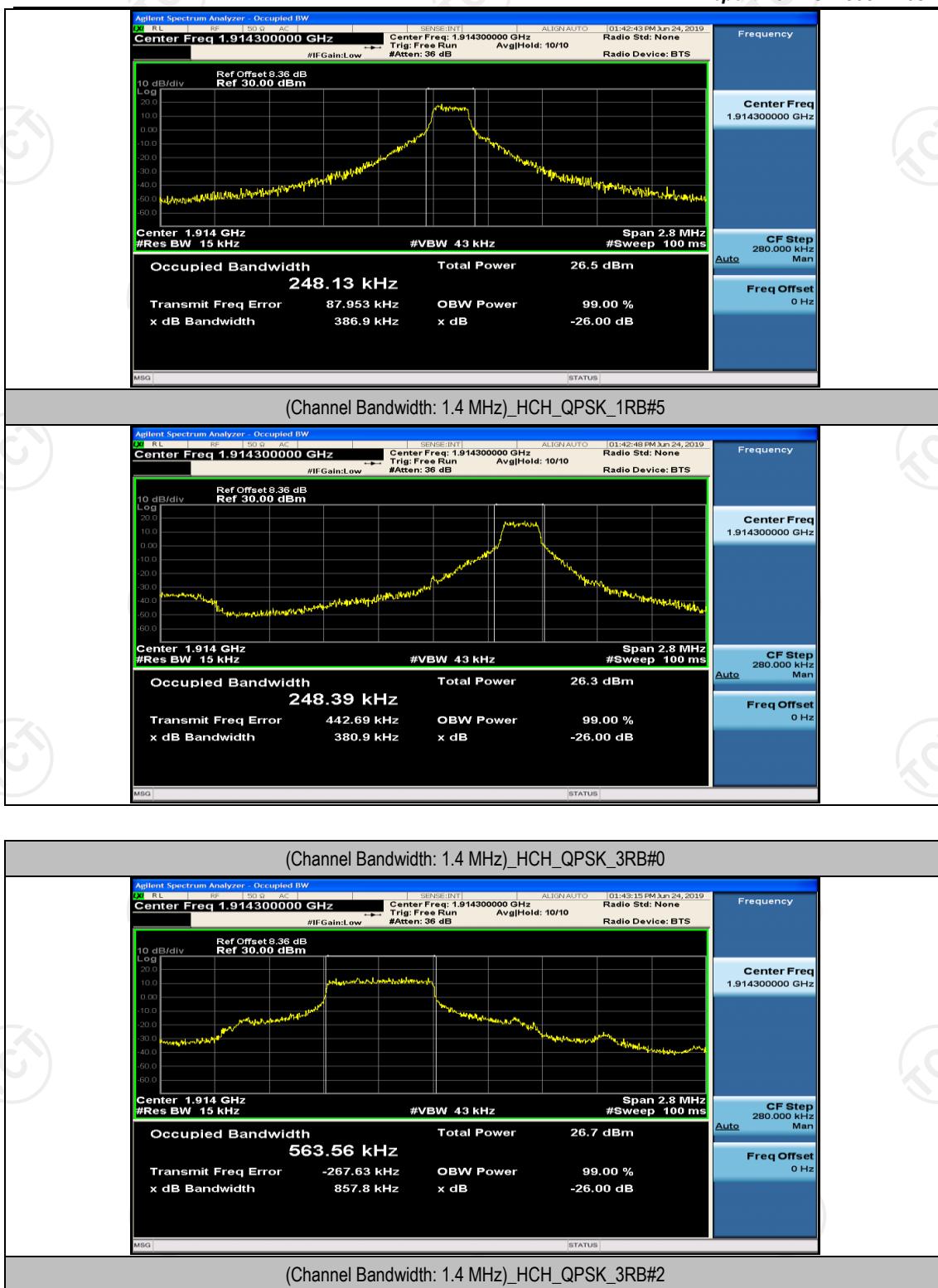


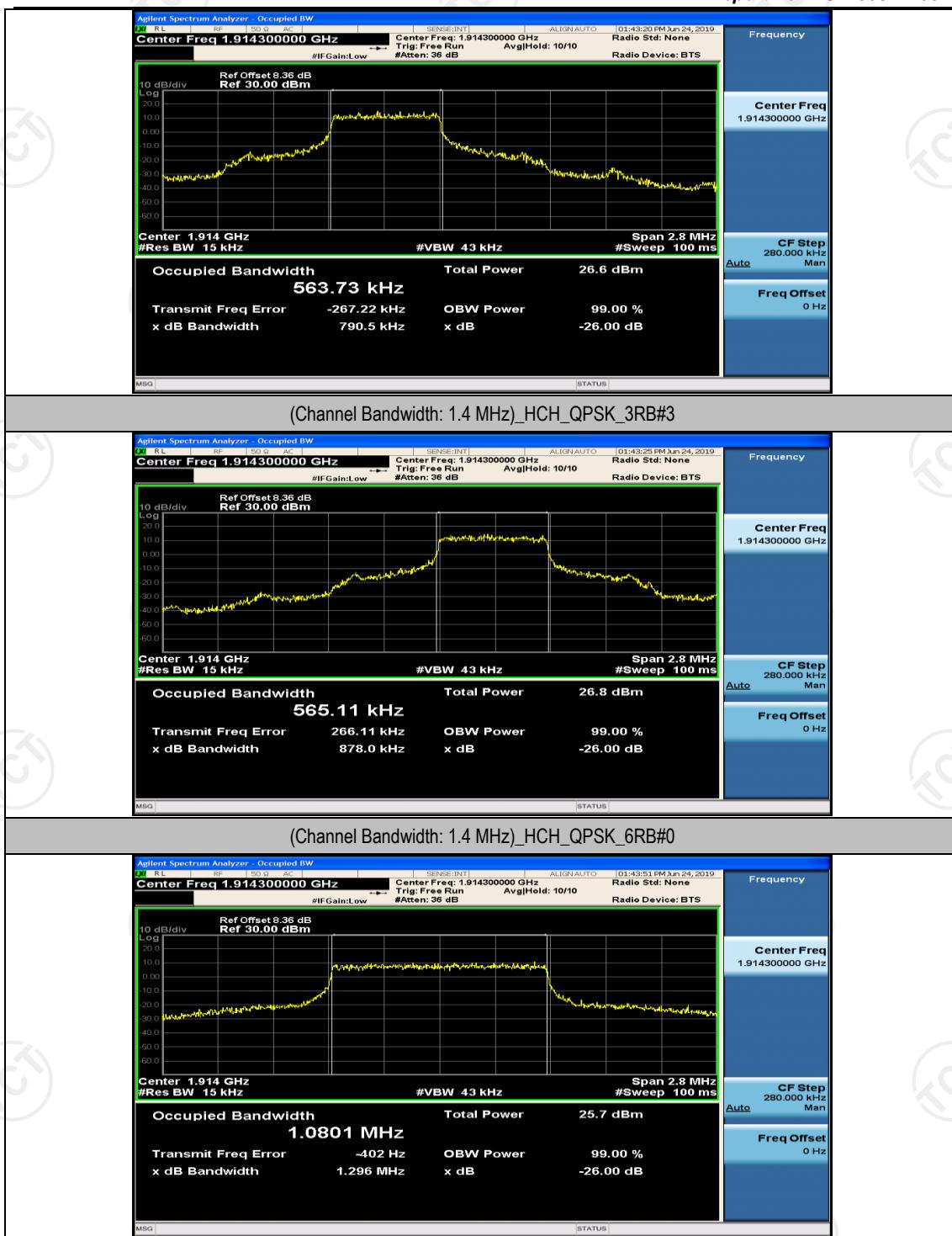


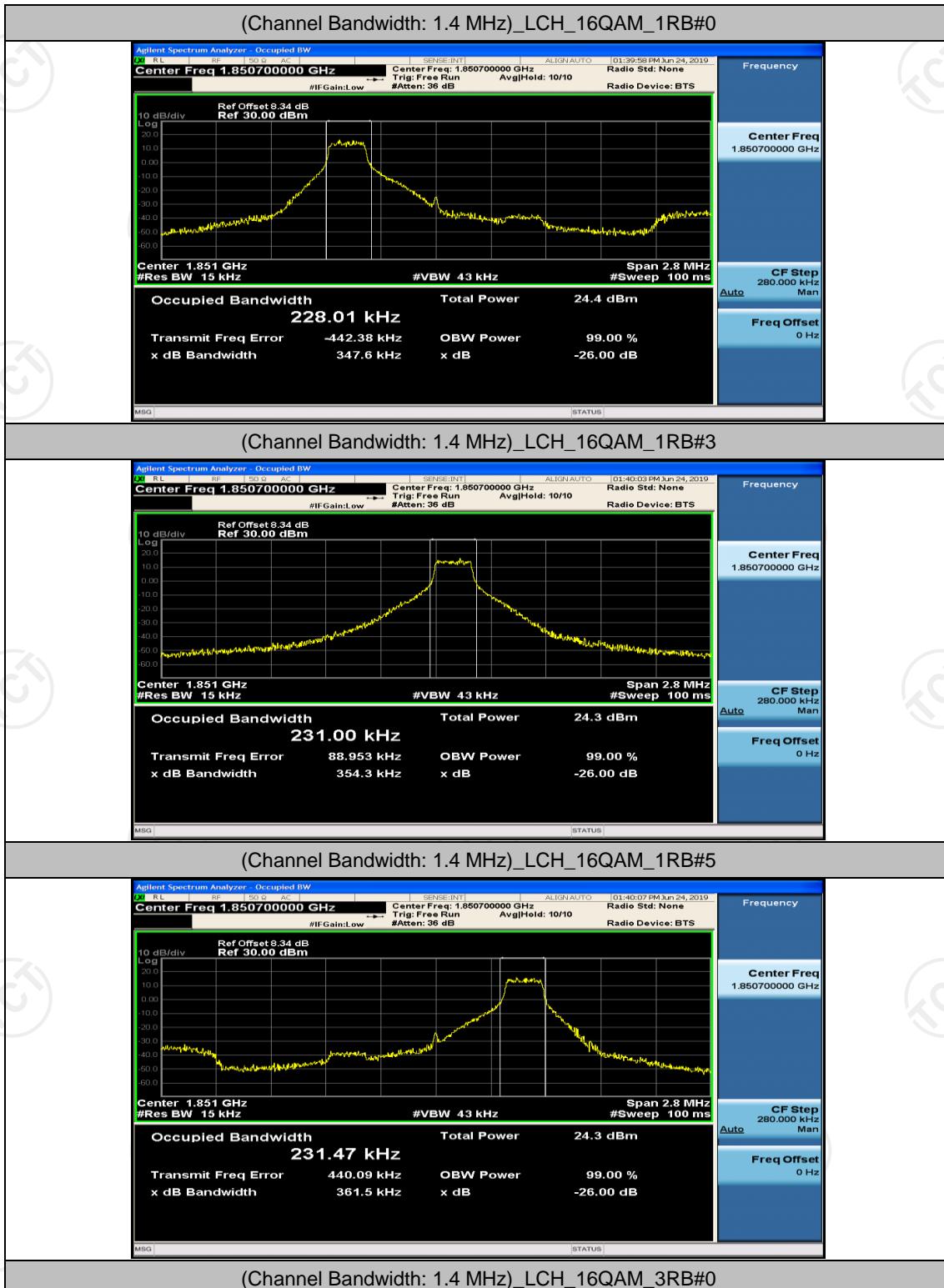
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5

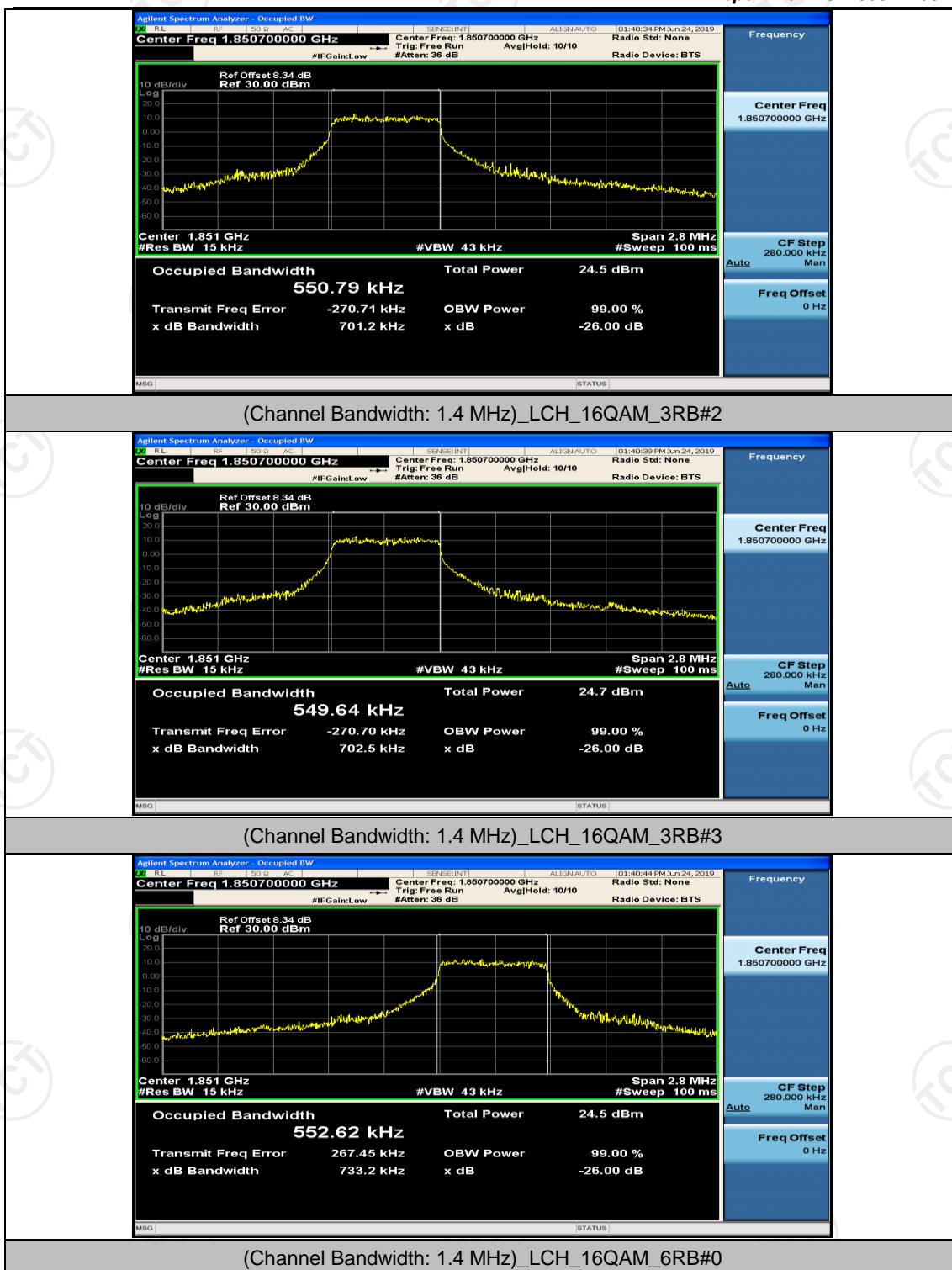


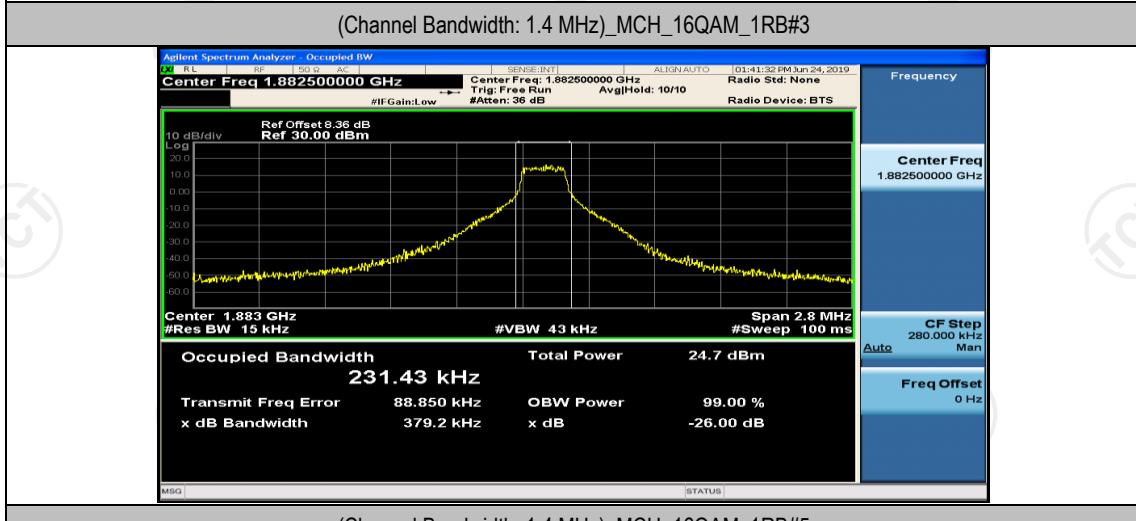
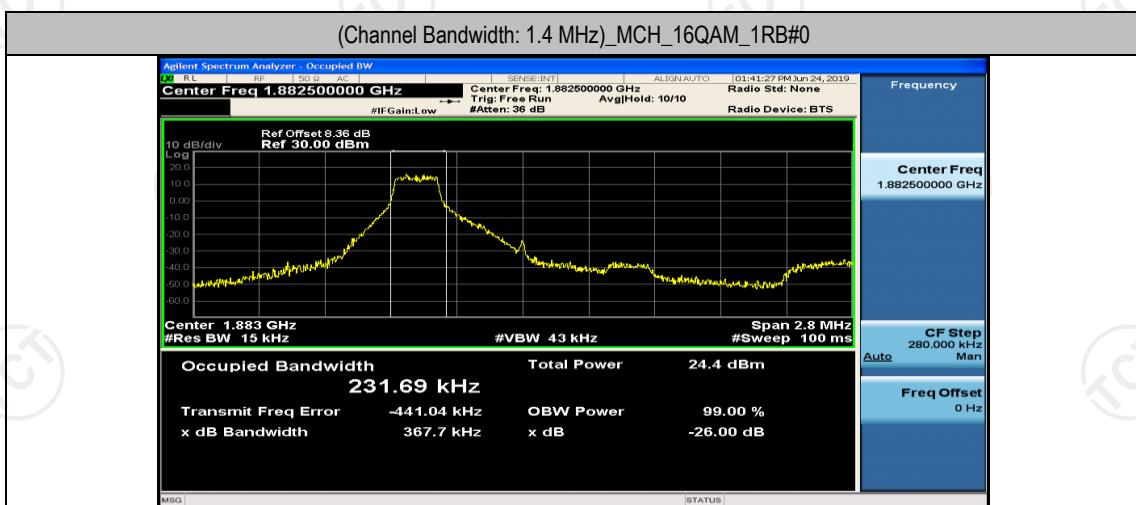
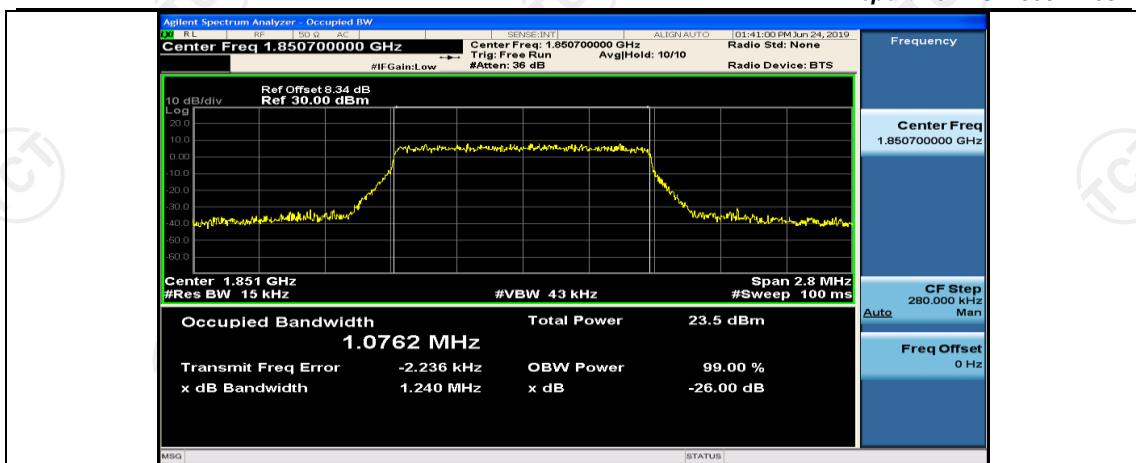


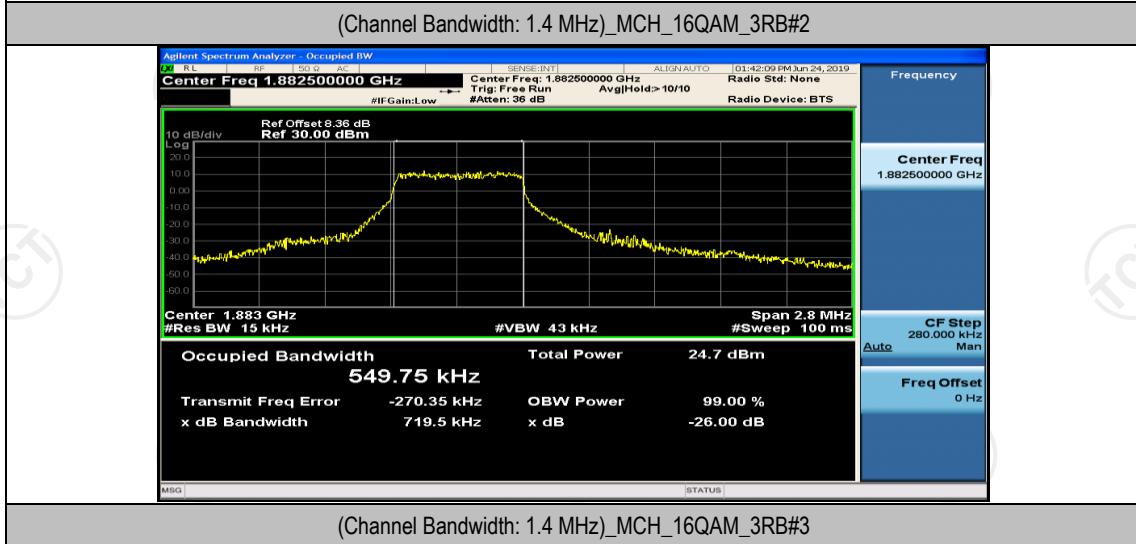
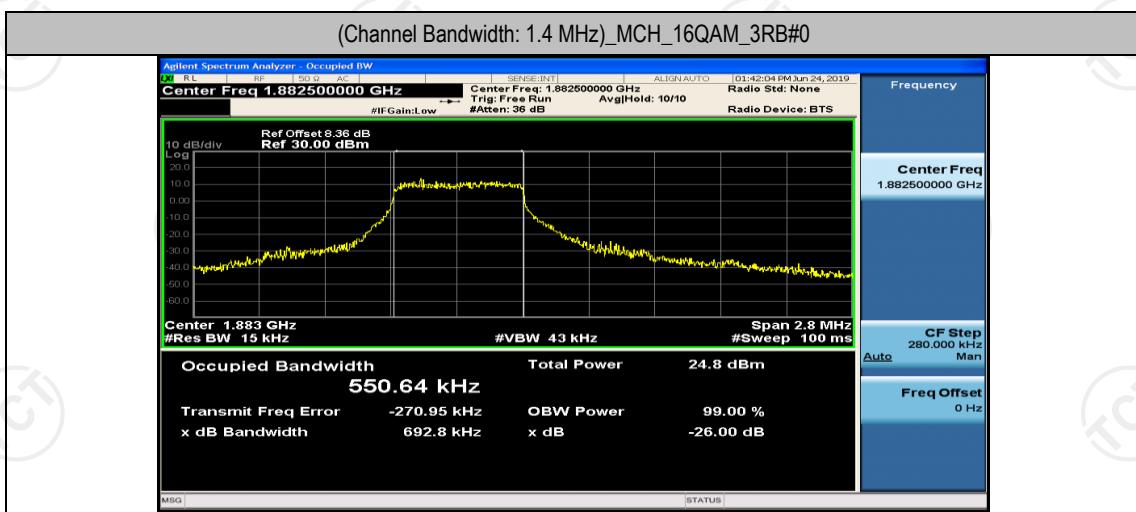












(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#3