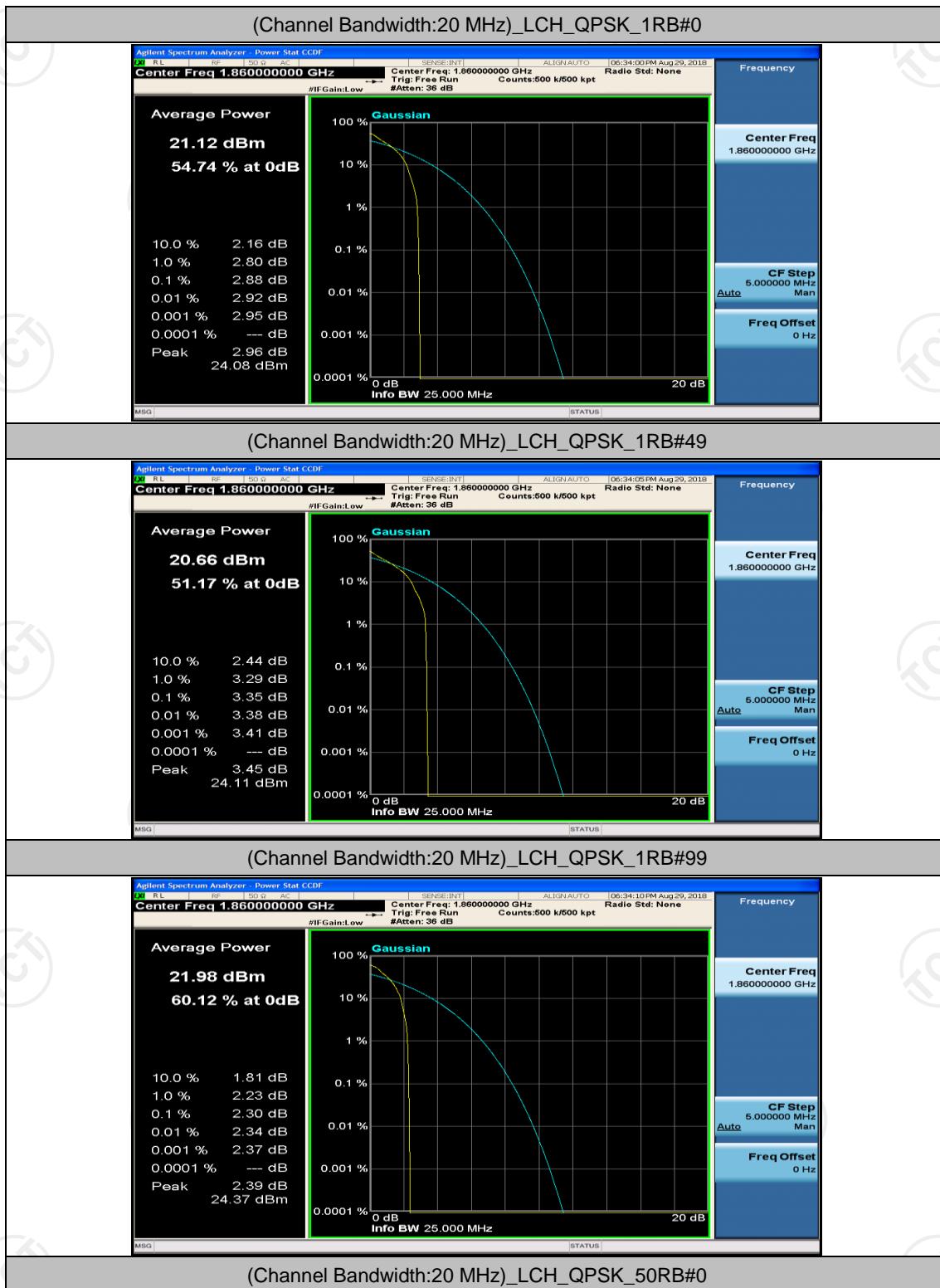
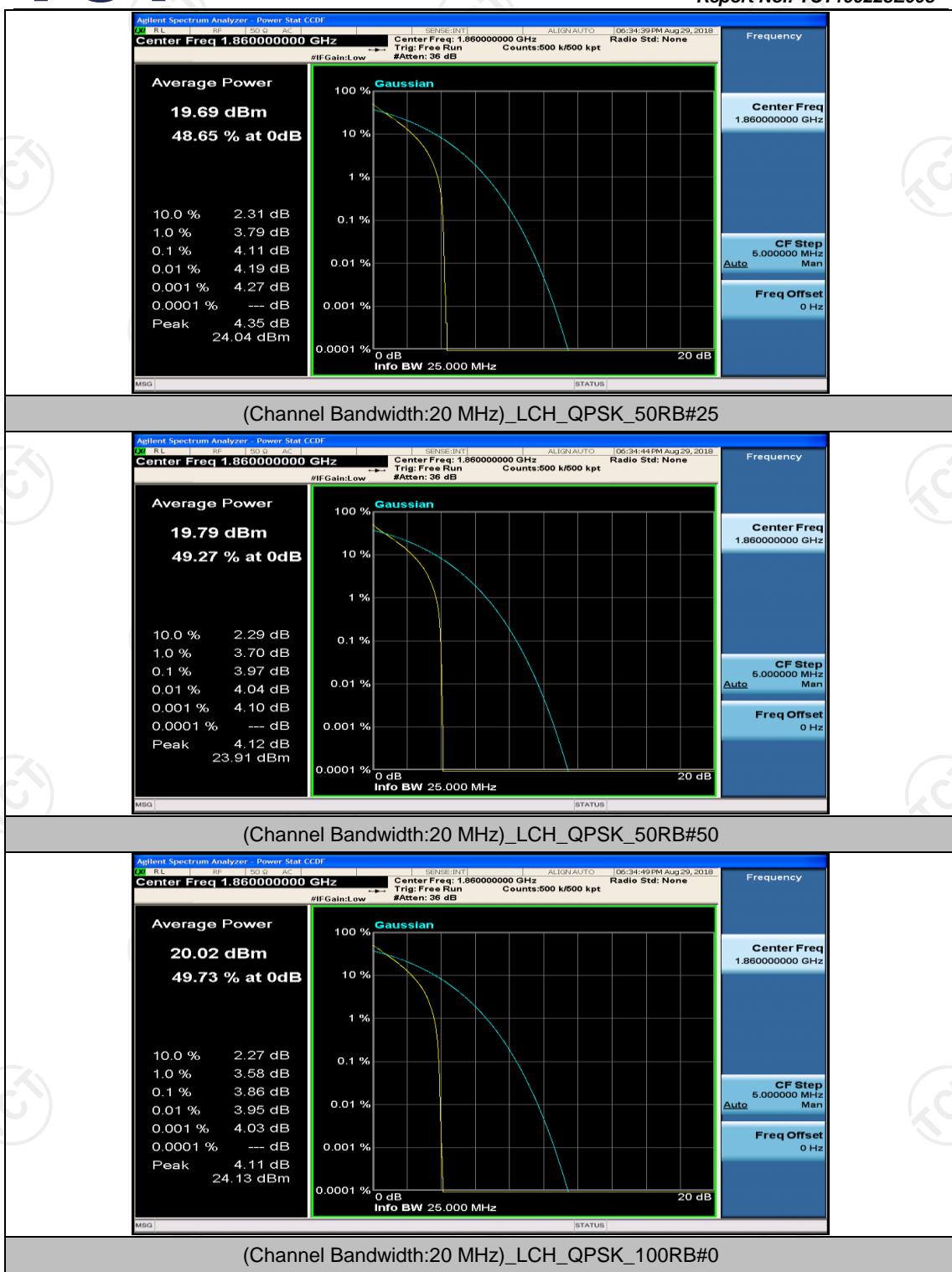
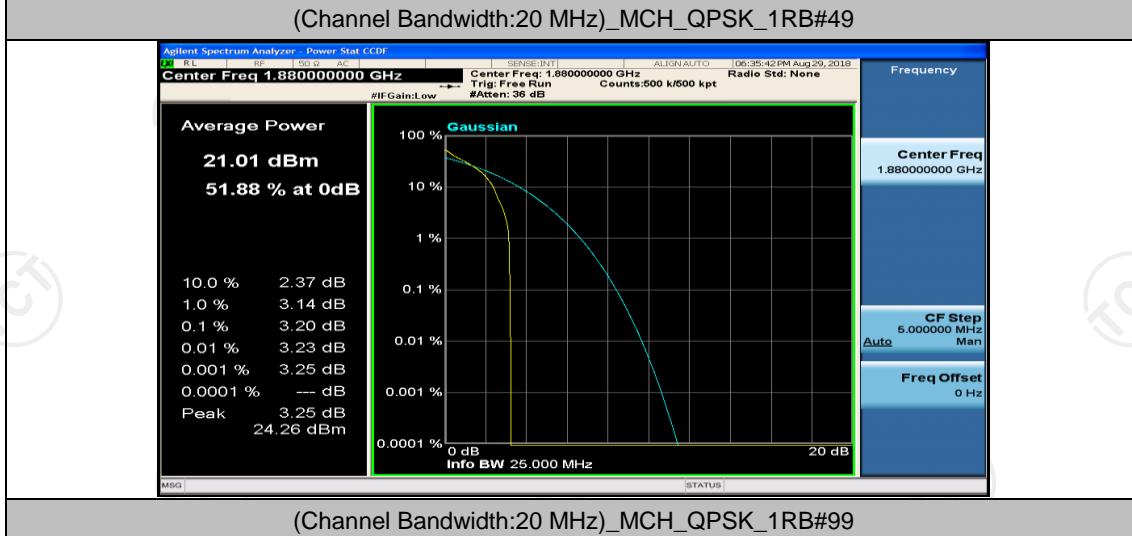
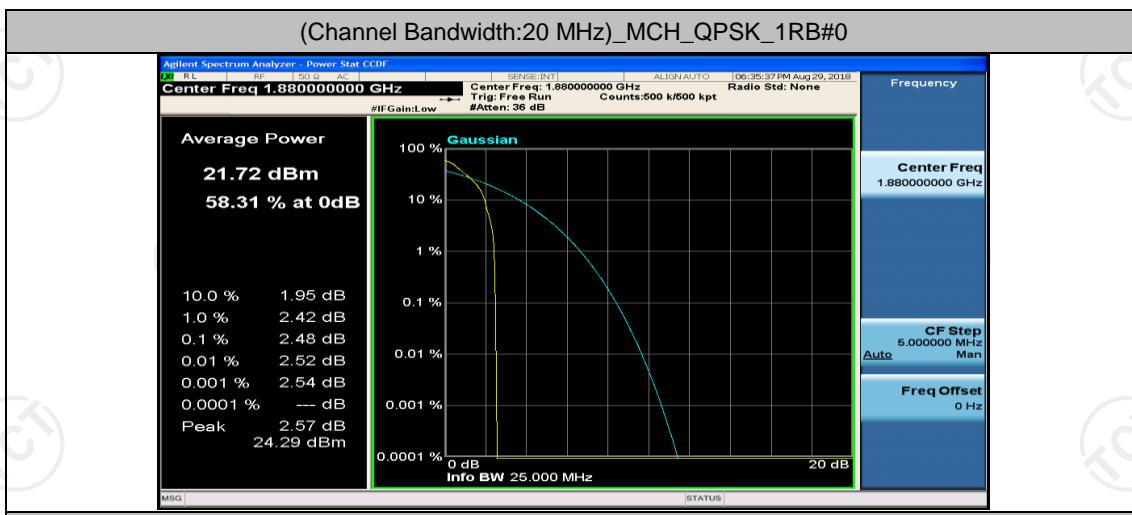
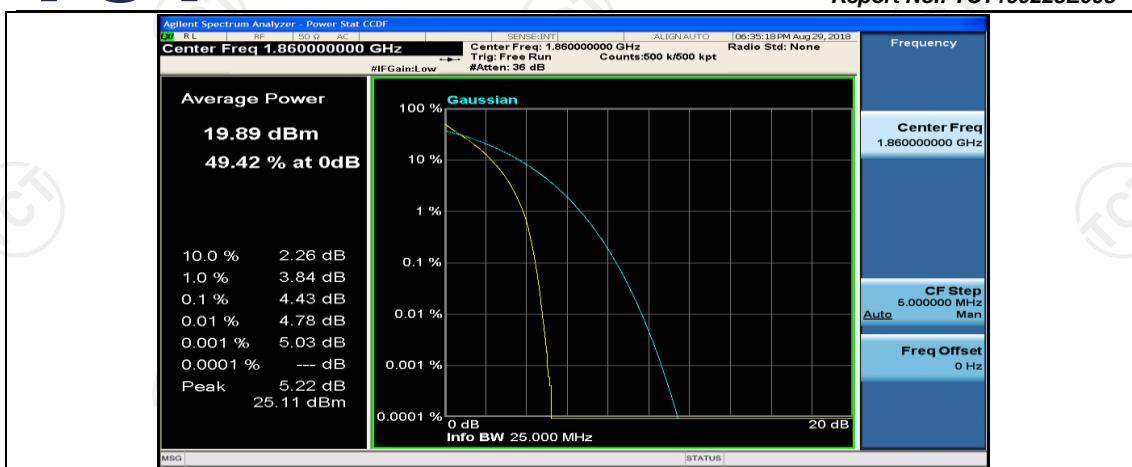
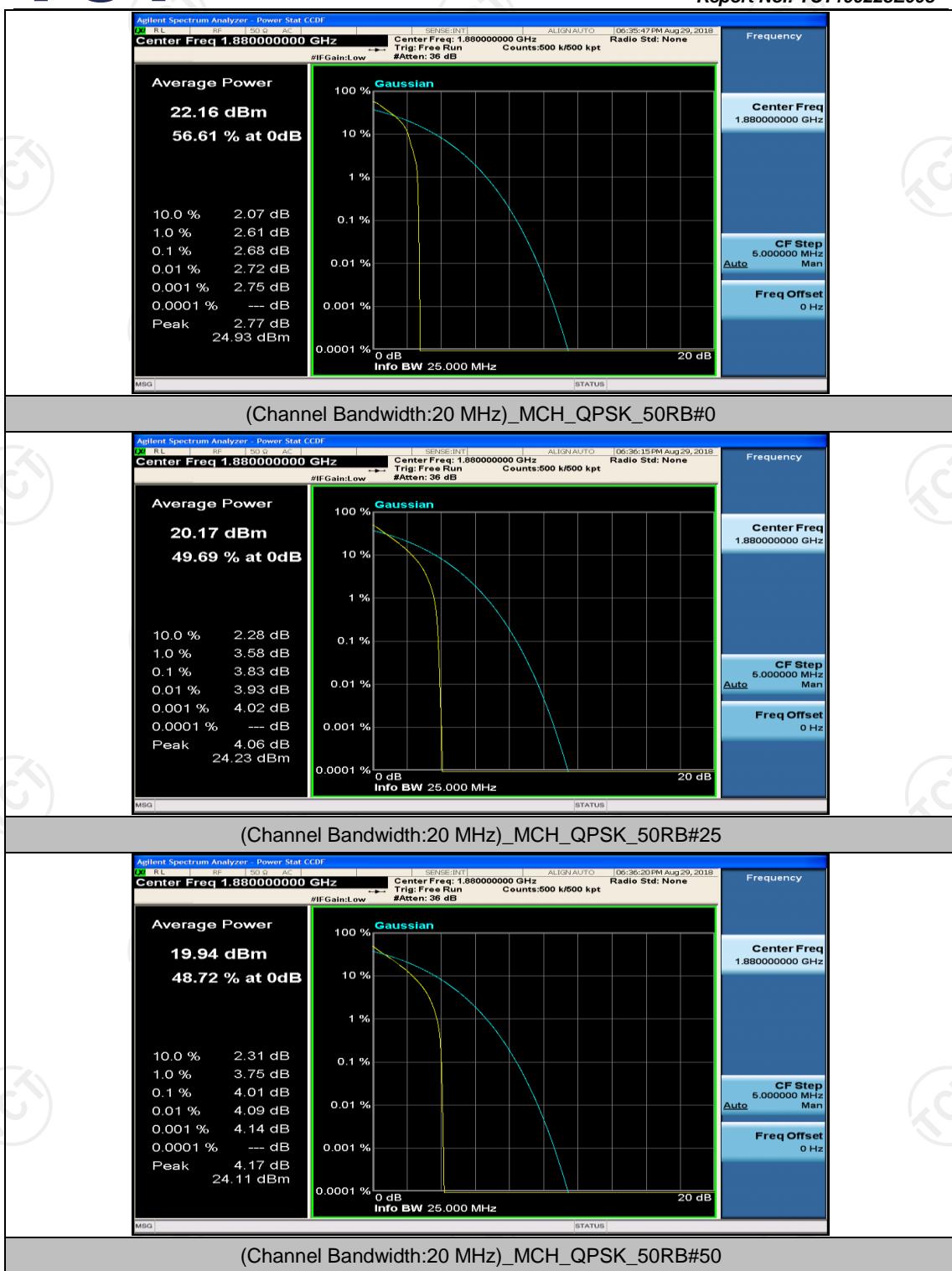


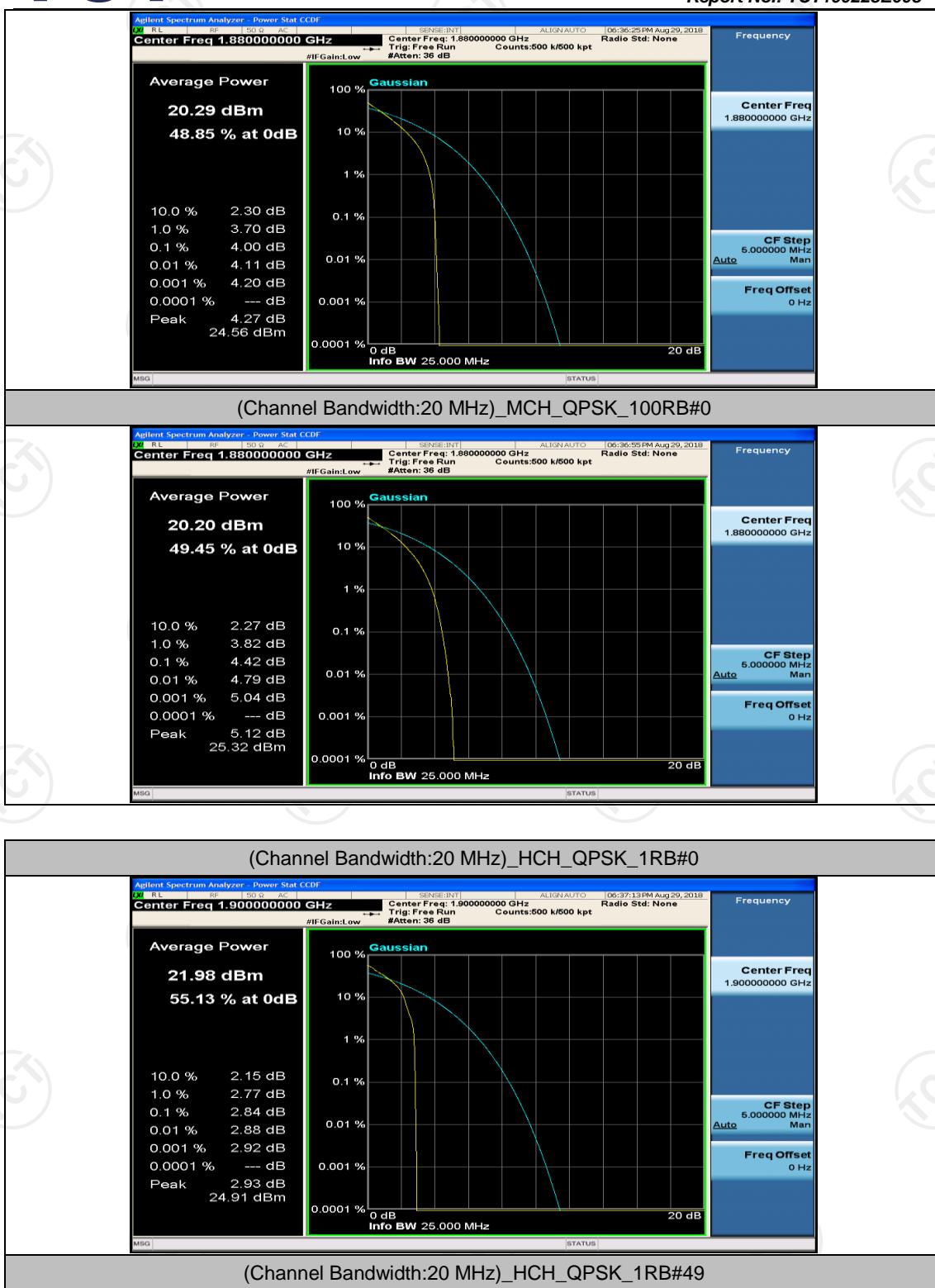
## Channel Bandwidth: 20 MHz

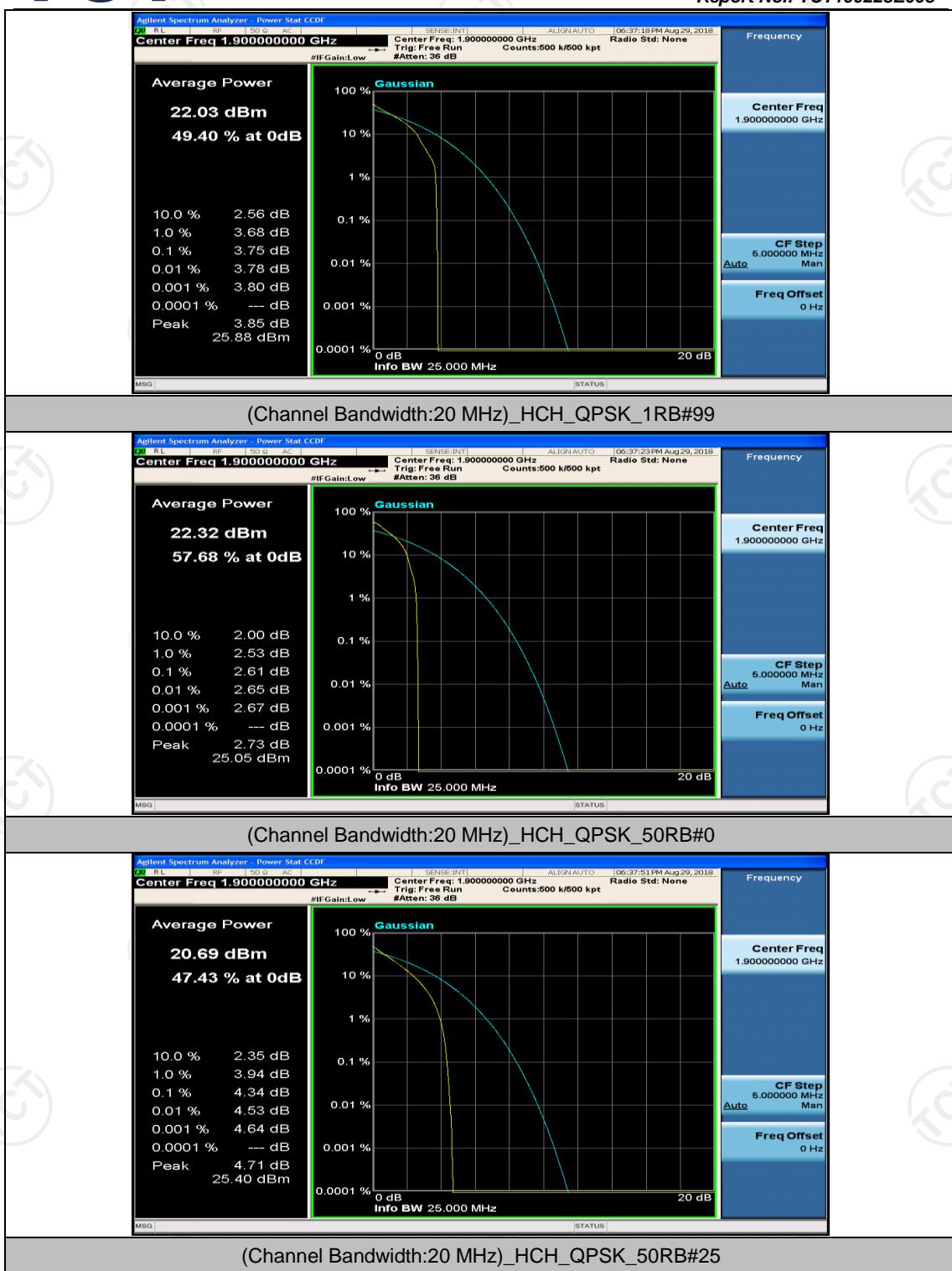


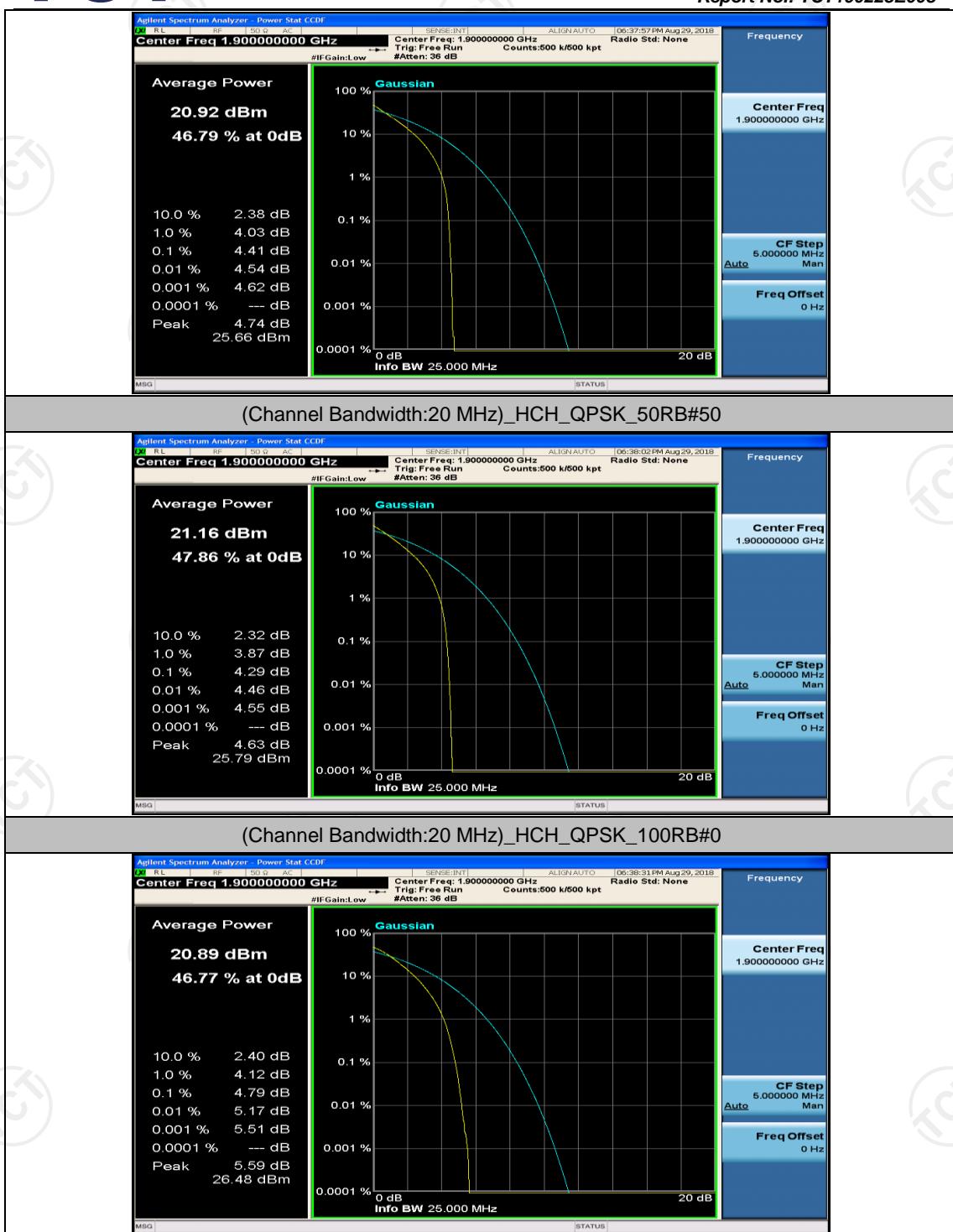


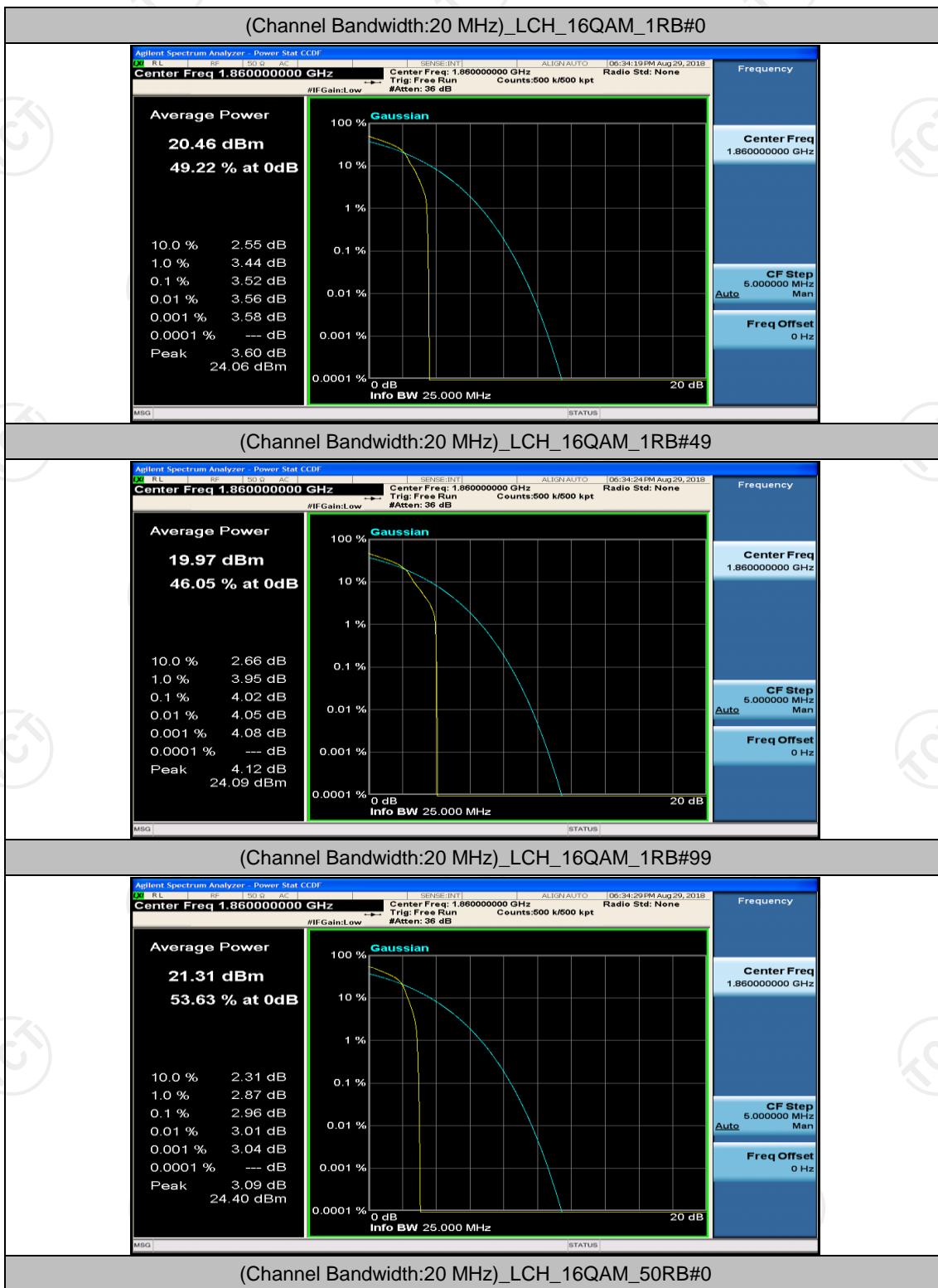


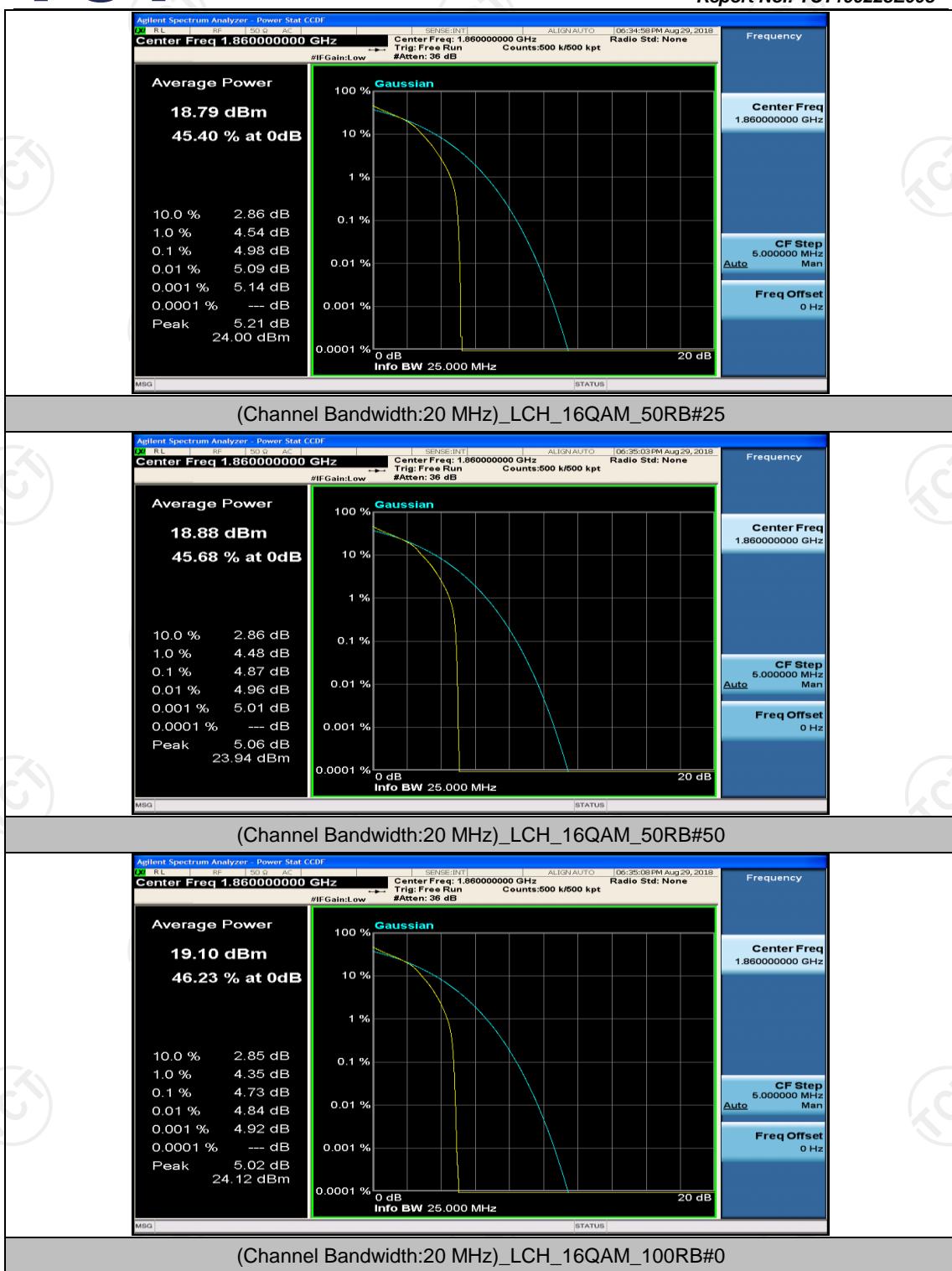


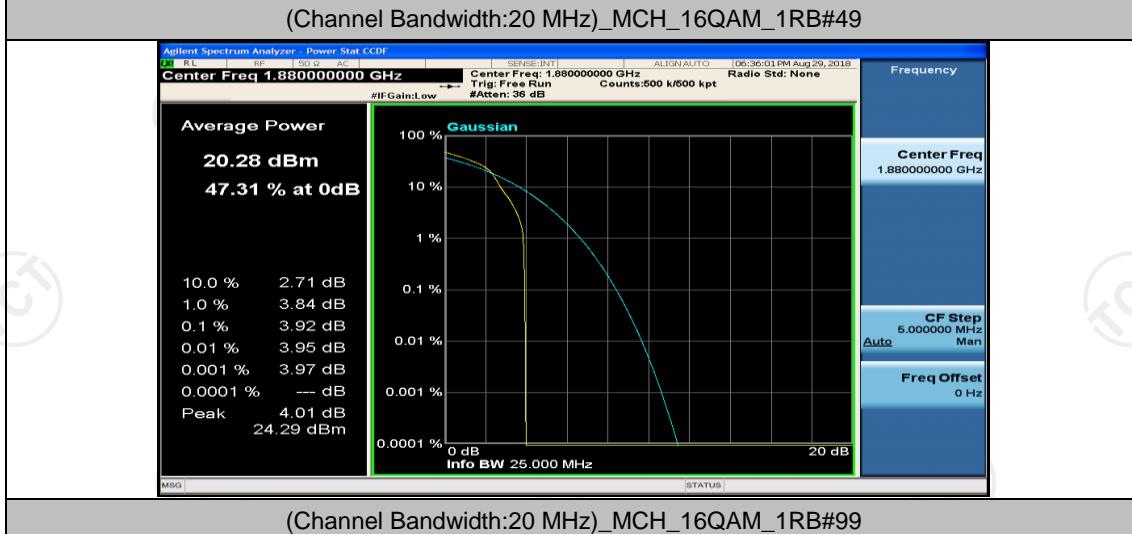
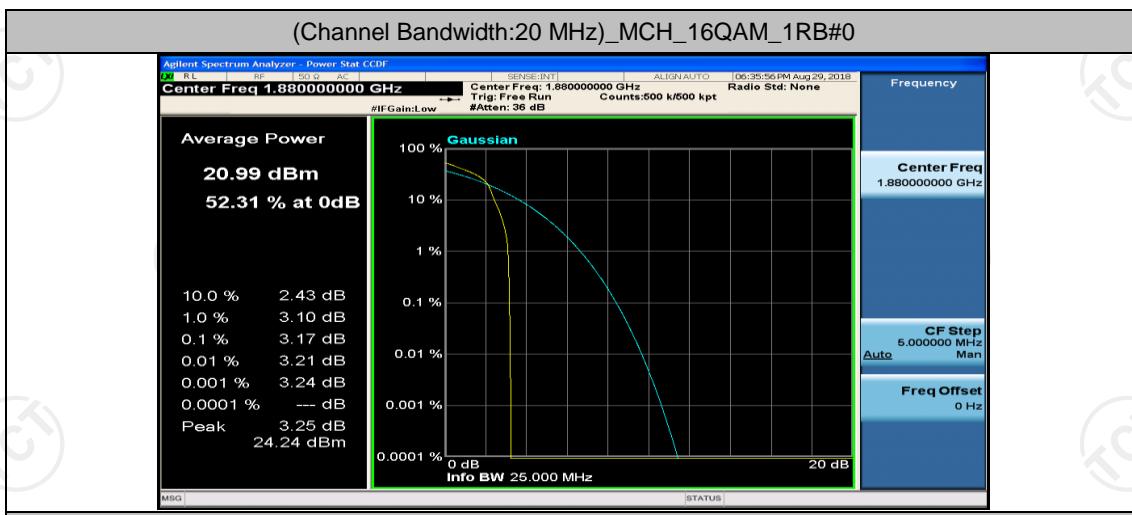
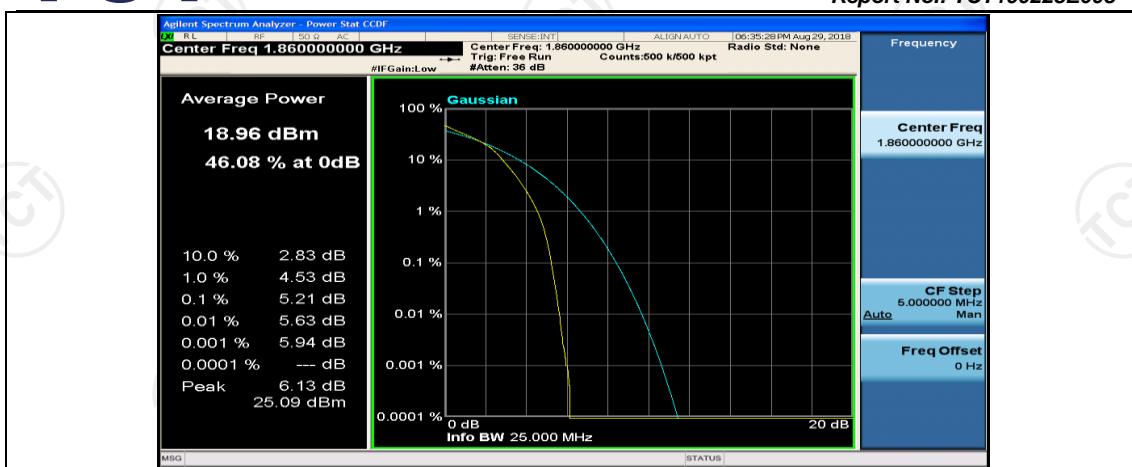




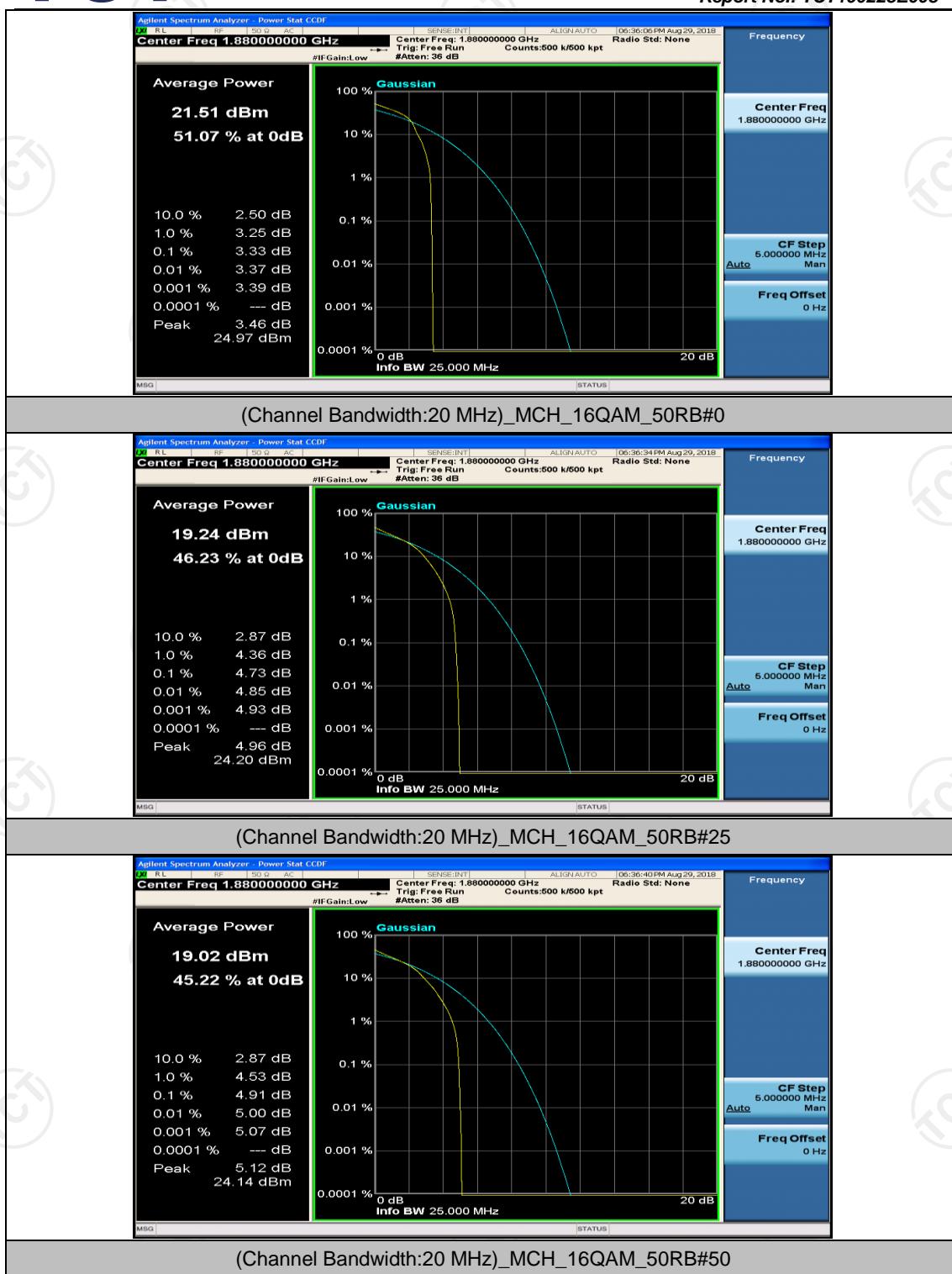


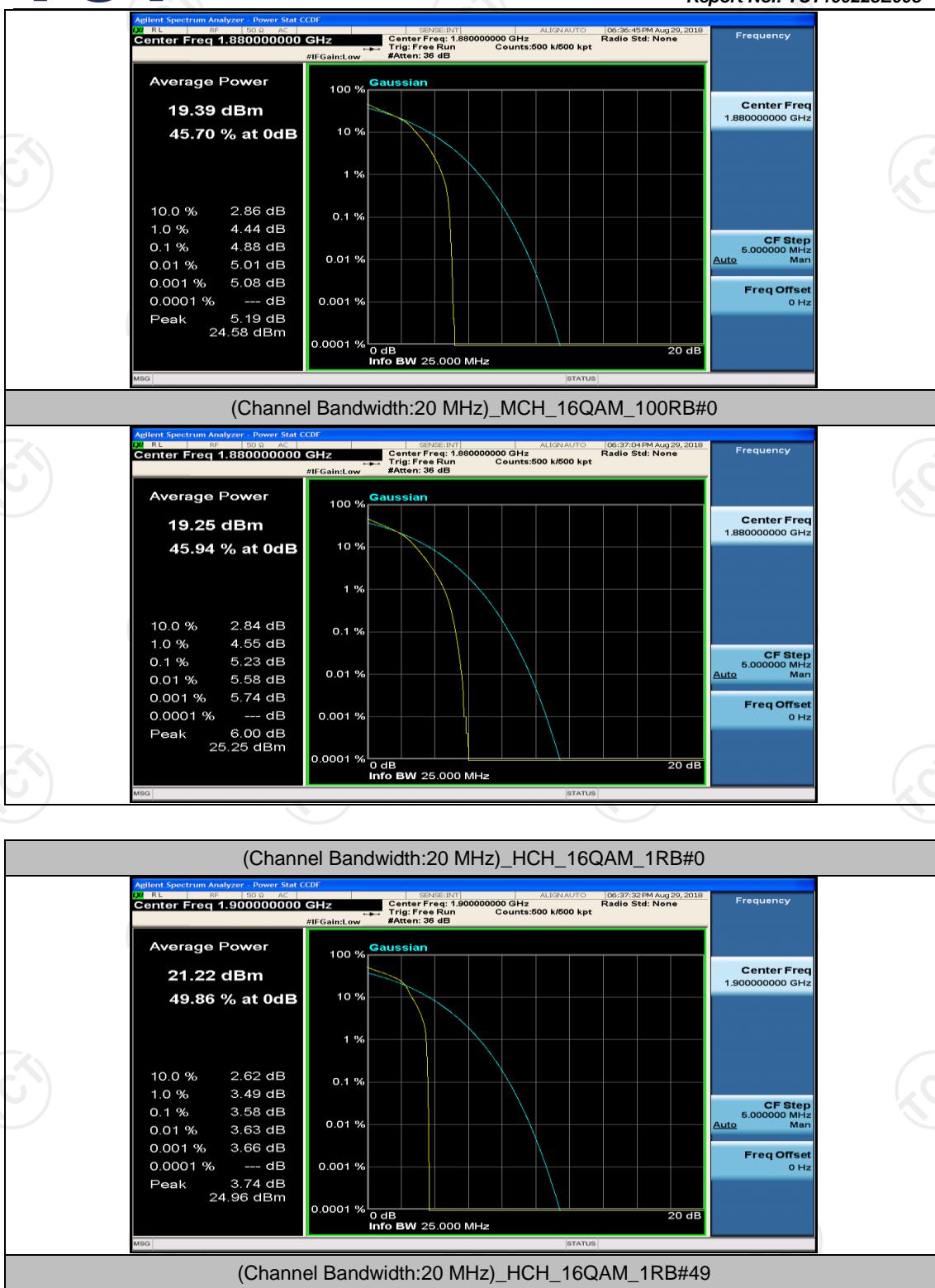


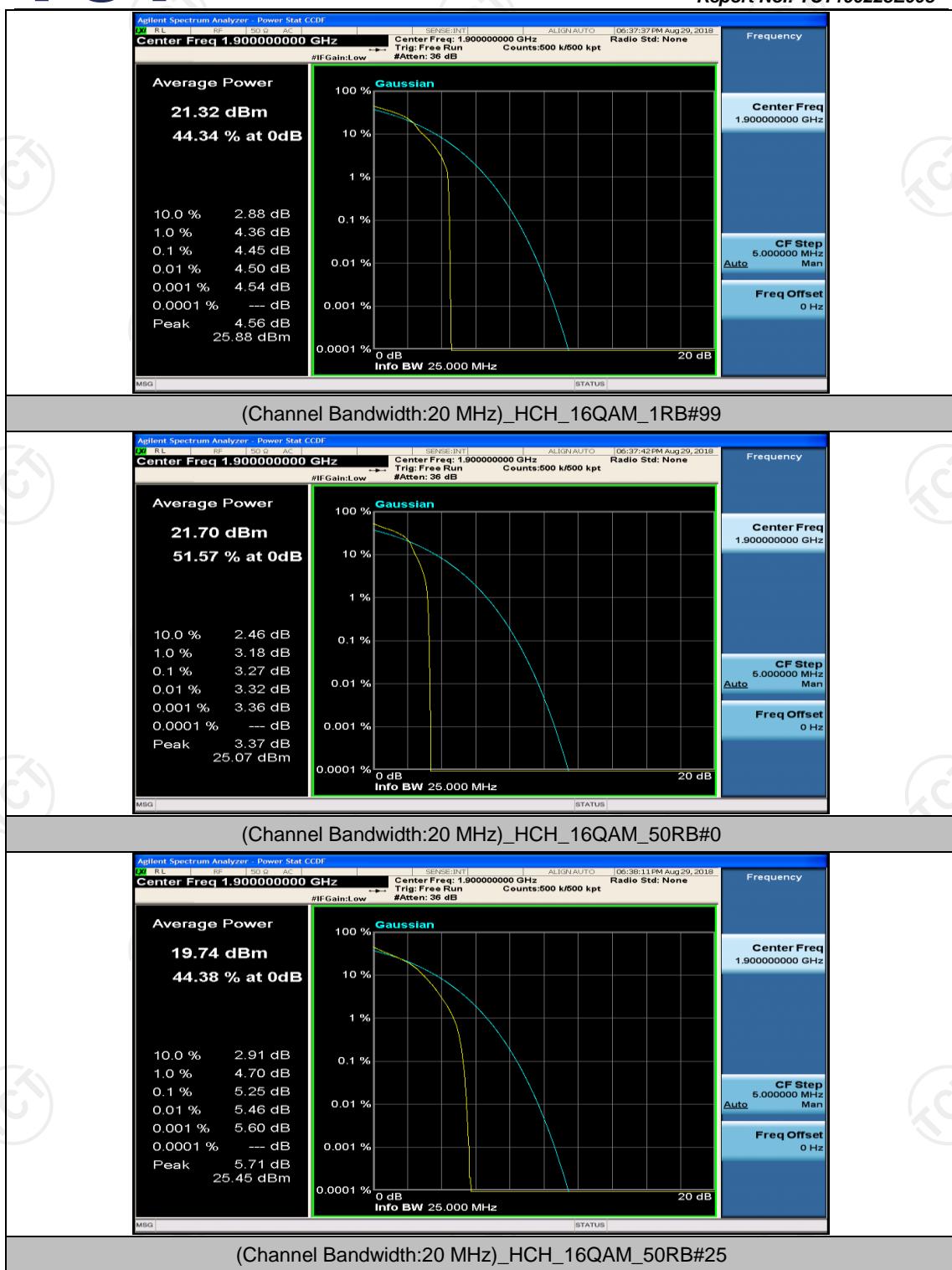


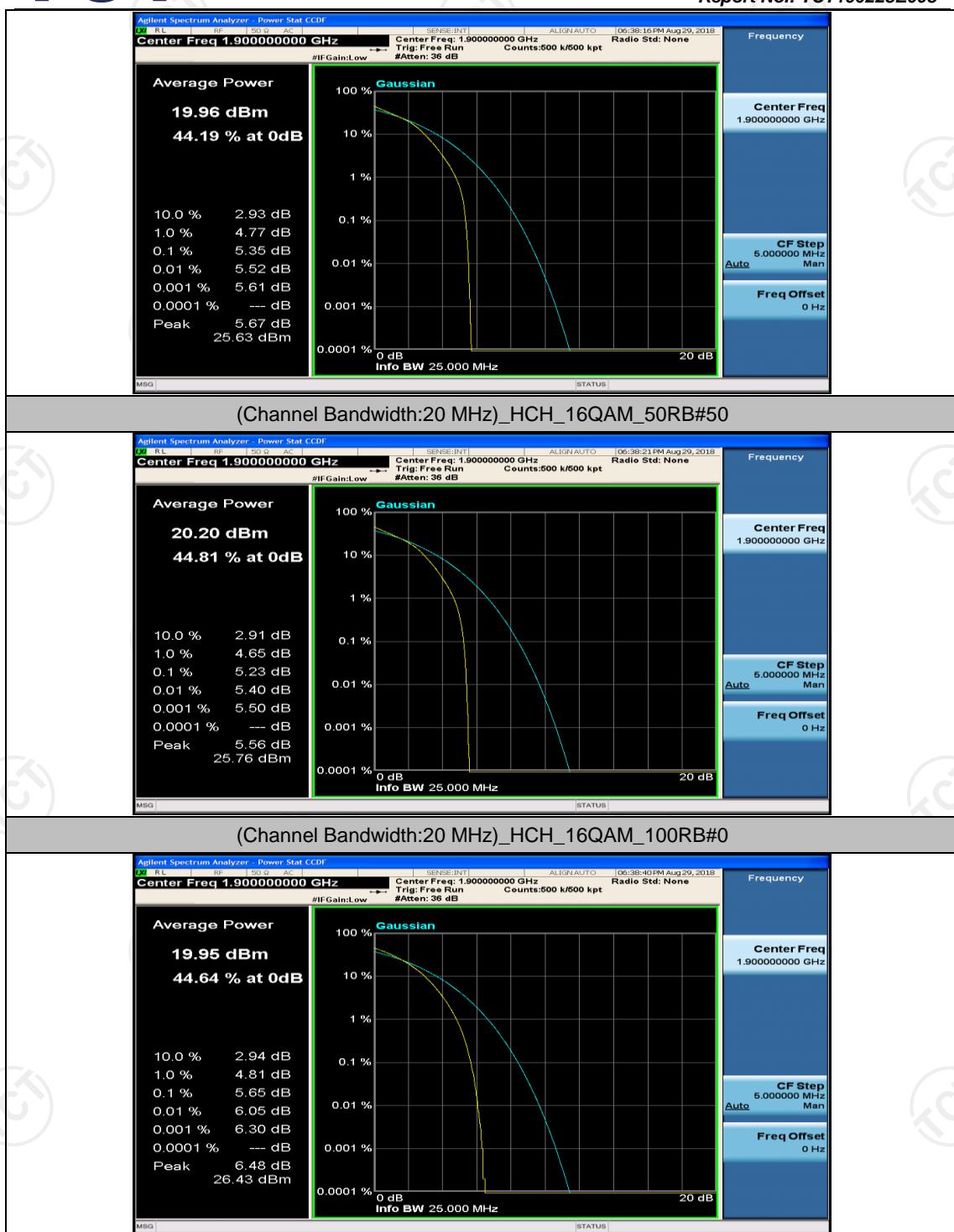


**(Channel Bandwidth:20 MHz)\_MCH\_16QAM\_1RB#99**









## 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	0.21751	0.3533	PASS
		1	3	0.25880	0.4046	PASS
		1	5	0.21627	0.3222	PASS
		3	0	0.55255	0.7054	PASS
		3	2	0.56163	0.8256	PASS
		3	3	0.55437	0.7072	PASS
		6	0	1.0753	1.253	PASS
	MCH	1	0	0.22091	0.3042	PASS
		1	3	0.25284	0.4047	PASS
		1	5	0.21710	0.3375	PASS
		3	0	0.55222	0.7307	PASS
		3	2	0.56331	0.8212	PASS
		3	3	0.55375	0.7099	PASS
		6	0	1.0766	1.253	PASS
16QAM	LCH	1	0	2.7765	2.800	PASS
		1	3	0.25037	0.4253	PASS
		1	5	0.21660	0.3537	PASS
		3	0	0.55460	0.7645	PASS
		3	2	0.56184	0.8351	PASS
		3	3	0.55504	0.7703	PASS
		6	0	1.0771	1.261	PASS
	MCH	1	0	0.21853	0.3561	PASS
		1	3	0.26455	0.4235	PASS
		1	5	0.22241	0.3671	PASS
		3	0	0.55616	0.7451	PASS
		3	2	0.57516	0.8777	PASS
		3	3	0.55965	0.7640	PASS
		6	0	1.0782	1.239	PASS

HCH	3	2	0.57466	0.8750	PASS
	3	3	0.55772	0.7542	PASS
	6	0	1.0783	1.248	PASS
	1	0	0.23001	0.3923	PASS
	1	3	0.26204	0.4413	PASS
	1	5	0.23233	0.3933	PASS
	3	0	0.55497	0.7209	PASS
	3	2	0.56614	0.8502	PASS
	3	3	0.55803	0.7497	PASS
	6	0	1.0817	1.257	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	0.24123	0.3661	PASS
		1	7	0.33993	0.5644	PASS
		1	14	0.24024	0.3758	PASS
		8	0	1.4464	1.673	PASS
		8	4	1.4506	1.881	PASS
		8	7	1.4499	1.658	PASS
		15	0	2.6863	2.905	PASS
	MCH	1	0	0.23630	0.3715	PASS
		1	7	0.31489	0.4563	PASS
		1	14	0.23955	0.3662	PASS
		8	0	1.4468	1.672	PASS
		8	4	1.4509	1.811	PASS
		8	7	1.4507	1.669	PASS
		15	0	2.6848	2.917	PASS
	HCH	1	0	0.23935	0.3864	PASS
		1	7	0.32687	0.4631	PASS
		1	14	0.24620	0.3875	PASS
		8	0	1.4467	1.680	PASS
		8	4	1.4537	1.886	PASS
		8	7	1.4472	1.701	PASS
		15	0	2.6841	2.904	PASS
16QAM	LCH	1	0	0.23903	0.3774	PASS
		1	7	0.33957	0.4789	PASS
		1	14	0.24003	0.3647	PASS

		8	0	1.4448	1.655	PASS
		8	4	1.4520	1.878	PASS
		8	7	1.4473	1.674	PASS
		15	0	2.6866	2.891	PASS
MCH		1	0	0.24186	0.3959	PASS
		1	7	0.32975	0.4740	PASS
		1	14	0.24338	0.3794	PASS
		8	0	1.4464	1.661	PASS
		8	4	1.4504	1.841	PASS
		8	7	1.4428	1.646	PASS
		15	0	2.6874	2.884	PASS
HCH		1	0	0.24369	0.3853	PASS
		1	7	0.32723	0.4882	PASS
		1	14	0.24712	0.4177	PASS
		8	0	1.4513	1.712	PASS
		8	4	1.4512	1.819	PASS
		8	7	1.4450	1.744	PASS
		15	0	2.6842	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	0.29504	0.4995	PASS
		1	12	0.40570	0.6691	PASS
		1	24	0.30042	0.4897	PASS
		12	0	2.1771	2.550	PASS
		12	6	2.1850	2.798	PASS
		12	13	2.1744	2.562	PASS
		25	0	4.4834	4.834	PASS
QPSK	MCH	1	0	0.30404	0.4722	PASS
		1	12	0.39655	0.6441	PASS
		1	24	0.29328	0.4799	PASS
		12	0	2.1729	2.519	PASS
		12	6	2.1790	2.793	PASS
		12	13	2.1743	2.496	PASS
		25	0	4.4825	4.808	PASS
QPSK	HCH	1	0	0.28930	0.4361	PASS
		1	12	0.38870	0.5760	PASS

		1	24	0.29785	0.4876	PASS
		12	0	2.1711	2.513	PASS
		12	6	2.1772	2.770	PASS
		12	13	2.1746	2.565	PASS
		25	0	4.4757	4.854	PASS
16QAM	LCH	1	0	0.29865	0.4785	PASS
		1	12	0.42819	0.6001	PASS
		1	24	0.31064	0.5025	PASS
		12	0	2.1851	2.529	PASS
		12	6	2.1850	2.650	PASS
		12	13	2.1786	2.516	PASS
		25	0	4.4896	4.808	PASS
	MCH	1	0	0.29562	0.4349	PASS
		1	12	0.39776	0.5792	PASS
		1	24	0.29602	0.4752	PASS
		12	0	2.1798	2.622	PASS
		12	6	2.1827	2.731	PASS
		12	13	2.1763	2.559	PASS
		25	0	4.4793	4.776	PASS
	HCH	1	0	0.29888	0.4668	PASS
		1	12	0.43484	0.6763	PASS
		1	24	0.29936	0.4711	PASS
		12	0	2.1758	2.521	PASS
		12	6	2.1844	2.743	PASS
		12	13	2.1762	2.519	PASS
		25	0	4.4741	4.834	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	0.39394	0.5878	PASS
		1	25	0.47378	0.7354	PASS
		1	49	0.38824	0.5614	PASS
		25	0	4.5147	5.016	PASS
		25	12	4.5139	5.159	PASS
		25	25	4.5136	4.978	PASS
		50	0	8.9567	9.562	PASS
	MCH	1	0	0.38354	0.5616	PASS
		1	25	0.46524	0.7464	PASS
		1	49	0.38788	0.5814	PASS

	16QAM	HCH	25	0	4.5177	5.010	PASS
			25	12	4.5208	5.138	PASS
			25	25	4.5138	4.982	PASS
			50	0	8.9419	9.488	PASS
		LCH	1	0	0.37972	0.5749	PASS
			1	25	0.46848	0.6780	PASS
			1	49	0.39504	0.5851	PASS
			25	0	4.5140	5.070	PASS
			25	12	4.5211	5.171	PASS
			25	25	4.5092	5.016	PASS
			50	0	8.9375	9.433	PASS
		MCH	1	0	0.39367	0.6105	PASS
			1	25	0.44883	0.6425	PASS
			1	49	0.39196	0.6036	PASS
			25	0	4.5124	5.037	PASS
			25	12	4.5205	5.115	PASS
			25	25	4.5163	5.004	PASS
			50	0	8.9459	9.515	PASS
		HCH	1	0	0.39468	0.5950	PASS
			1	25	0.45970	0.7215	PASS
			1	49	0.38939	0.5669	PASS
			25	0	4.5120	5.014	PASS
			25	12	4.5181	5.215	PASS
			25	25	4.5164	5.058	PASS
			50	0	8.9510	9.502	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	0.50525	0.7367	PASS
		1	37	0.59782	0.8527	PASS
		1	74	0.49705	0.7703	PASS
		37	0	6.4907	7.037	PASS

	MCH	37	18	6.4989	7.323	PASS
		37	38	6.4967	7.129	PASS
		75	0	13.407	14.26	PASS
	HCH	1	0	0.49937	0.7360	PASS
		1	37	0.60670	0.8589	PASS
		1	74	0.50147	0.7417	PASS
		37	0	6.5150	7.084	PASS
		37	18	6.5021	7.606	PASS
	LCH	37	38	6.5046	7.217	PASS
		75	0	13.397	14.25	PASS
		1	0	0.49427	0.7270	PASS
	16QAM	1	37	0.61309	0.8357	PASS
		1	74	0.49244	0.7382	PASS
		37	0	6.4981	7.057	PASS
		37	18	6.4923	7.295	PASS
		37	38	6.4986	7.052	PASS
	MCH	75	0	13.404	14.05	PASS
		1	0	0.49994	0.7788	PASS
	HCH	1	37	0.56674	0.8708	PASS
		1	74	0.50265	0.7234	PASS
		37	0	6.4900	7.095	PASS
		37	18	6.4976	7.317	PASS
		37	38	6.4842	7.151	PASS
		75	0	13.392	14.04	PASS
		1	0	0.50075	0.7119	PASS
		1	37	0.56780	0.8095	PASS
		1	74	0.51739	0.7557	PASS
		37	0	6.4963	7.106	PASS
		37	18	6.4972	7.456	PASS
		37	38	6.4996	7.055	PASS
		75	0	13.390	14.10	PASS
		1	0	0.49907	0.6899	PASS
		1	37	0.55215	0.8290	PASS
		1	74	0.49304	0.7431	PASS
		37	0	6.4963	7.033	PASS
		37	18	6.5145	7.327	PASS
		37	38	6.5081	7.127	PASS
		75	0	13.399	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	0.57833	0.8369	PASS
		1	50	0.65260	0.9418	PASS
		1	99	0.58492	0.8526	PASS
		50	0	8.9960	9.783	PASS
		50	25	9.0054	9.865	PASS
		50	50	9.0003	9.704	PASS
		100	0	17.839	18.61	PASS
	MCH	1	0	0.58113	0.8629	PASS
		1	50	0.65899	0.9287	PASS
		1	99	0.59244	0.8419	PASS
		50	0	8.9856	9.635	PASS
		50	25	8.9919	9.718	PASS
		50	50	8.9903	9.643	PASS
		100	0	17.841	18.61	PASS
16QAM	LCH	1	0	0.57463	0.8285	PASS
		1	50	0.62268	0.8641	PASS
		1	99	0.58625	0.8337	PASS
		50	0	9.0035	9.754	PASS
		50	25	8.9990	9.852	PASS
		50	50	8.9865	9.708	PASS
		100	0	17.871	18.60	PASS
	MCH	1	0	0.57878	0.8862	PASS
		1	50	0.63894	0.8736	PASS
		1	99	0.56647	0.7886	PASS
		50	0	8.9861	9.635	PASS
		50	25	8.9888	9.913	PASS
		50	50	8.9878	9.675	PASS
		100	0	17.830	18.61	PASS

HCH	1	0	0.58587	0.8598	PASS
	1	50	0.62455	0.8899	PASS
	1	99	0.56608	0.7842	PASS
	50	0	8.9997	9.779	PASS
	50	25	9.0044	9.819	PASS
	50	50	8.9838	9.715	PASS
	100	0	17.862	18.62	PASS

## Test Graphs

### Channel Bandwidth: 1.4 MHz

