

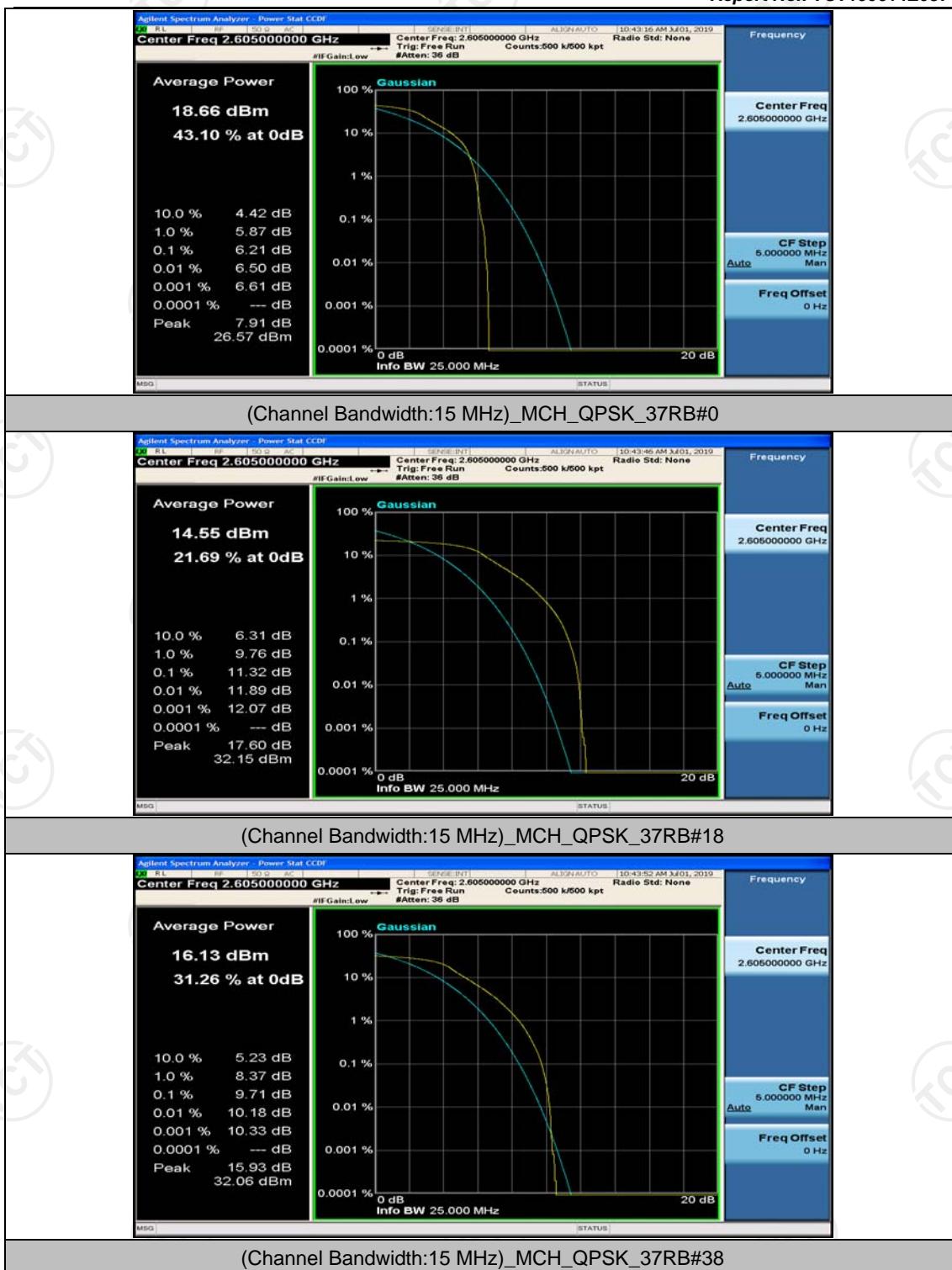
(Channel Bandwidth:15 MHz)\_MCH\_QPSK\_1RB#0

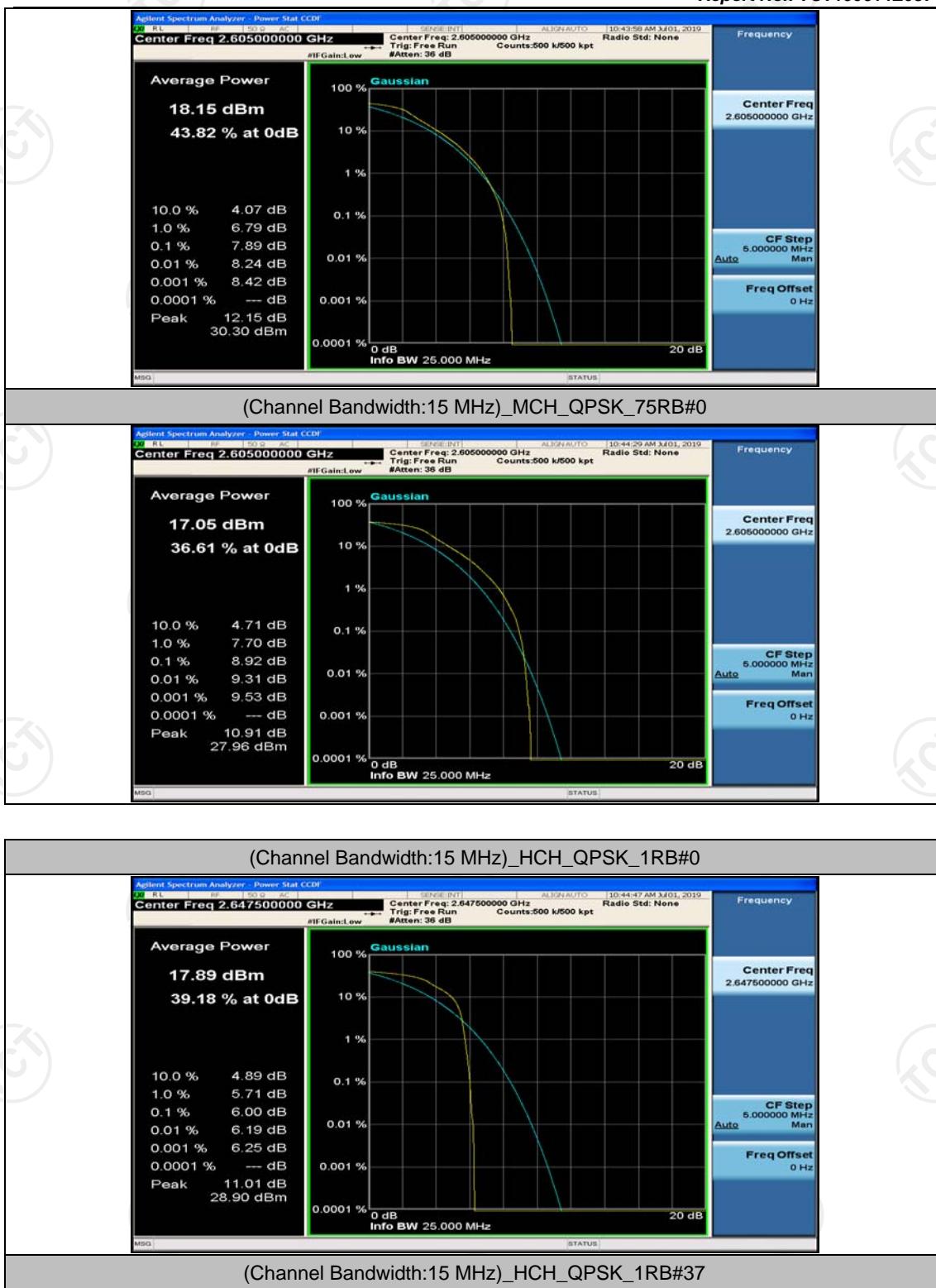


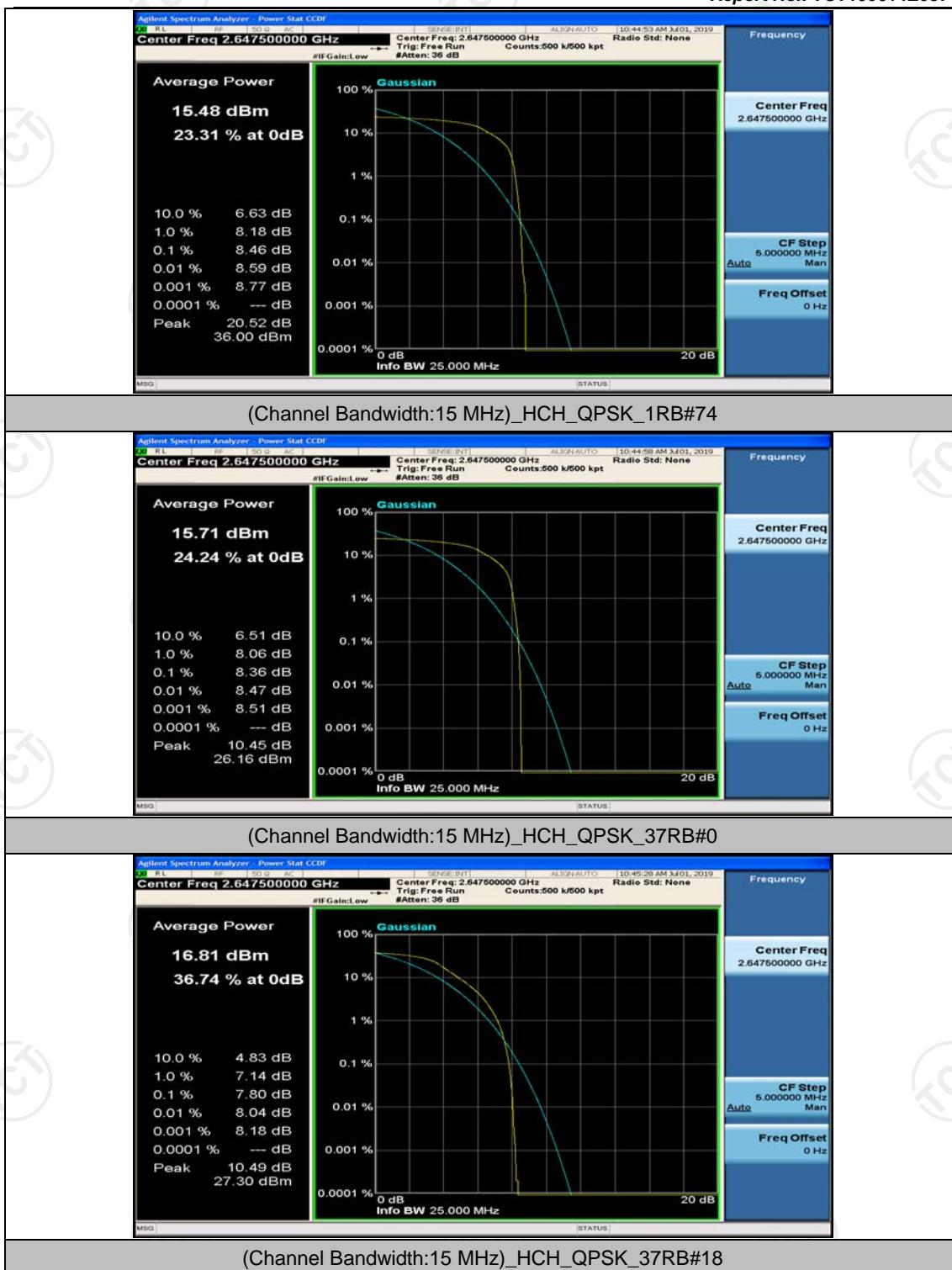
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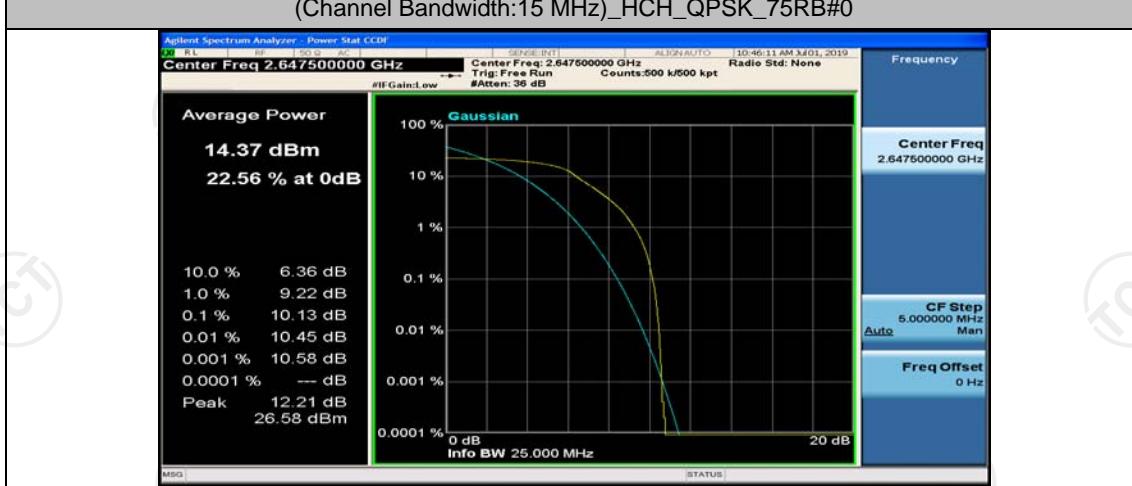
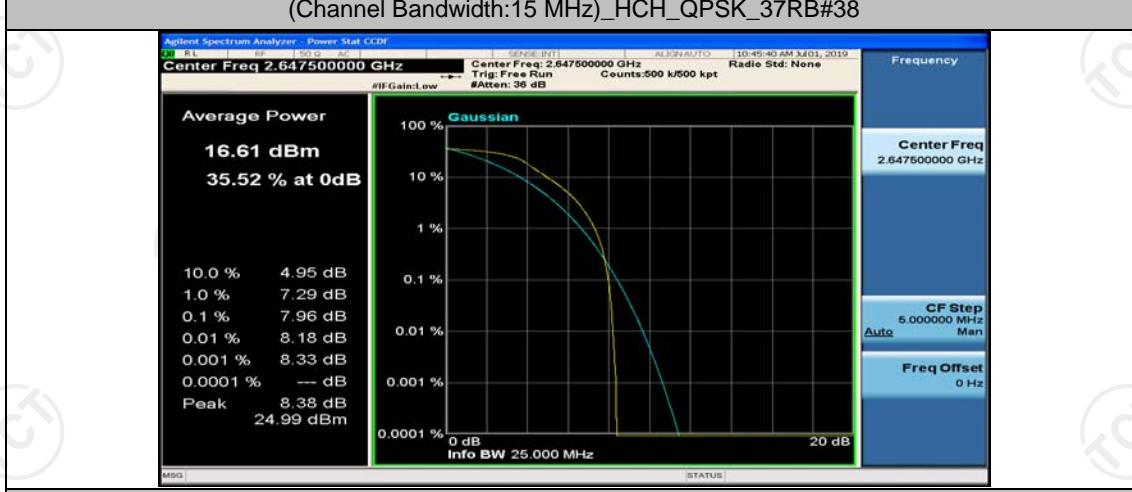
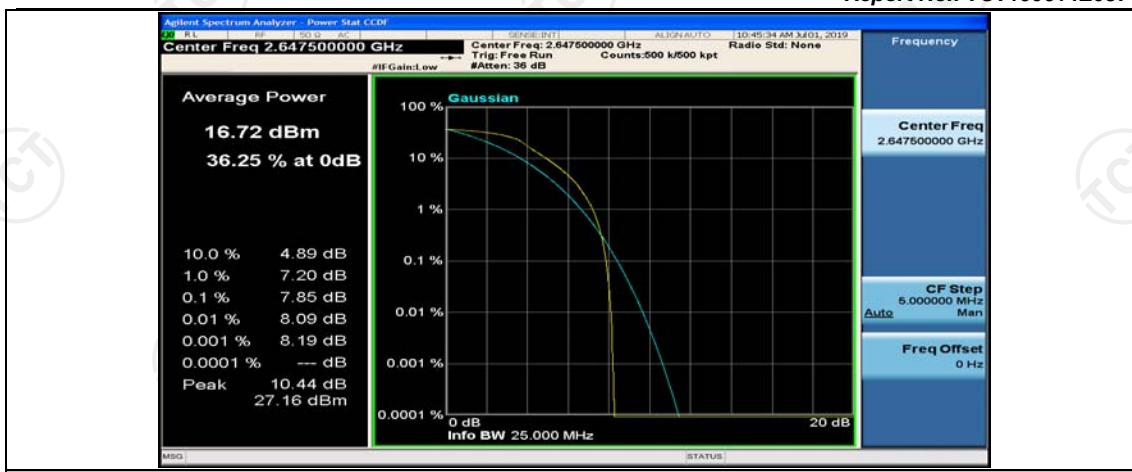


(Channel Bandwidth:15 MHz)\_MCH\_QPSK\_1RB#74

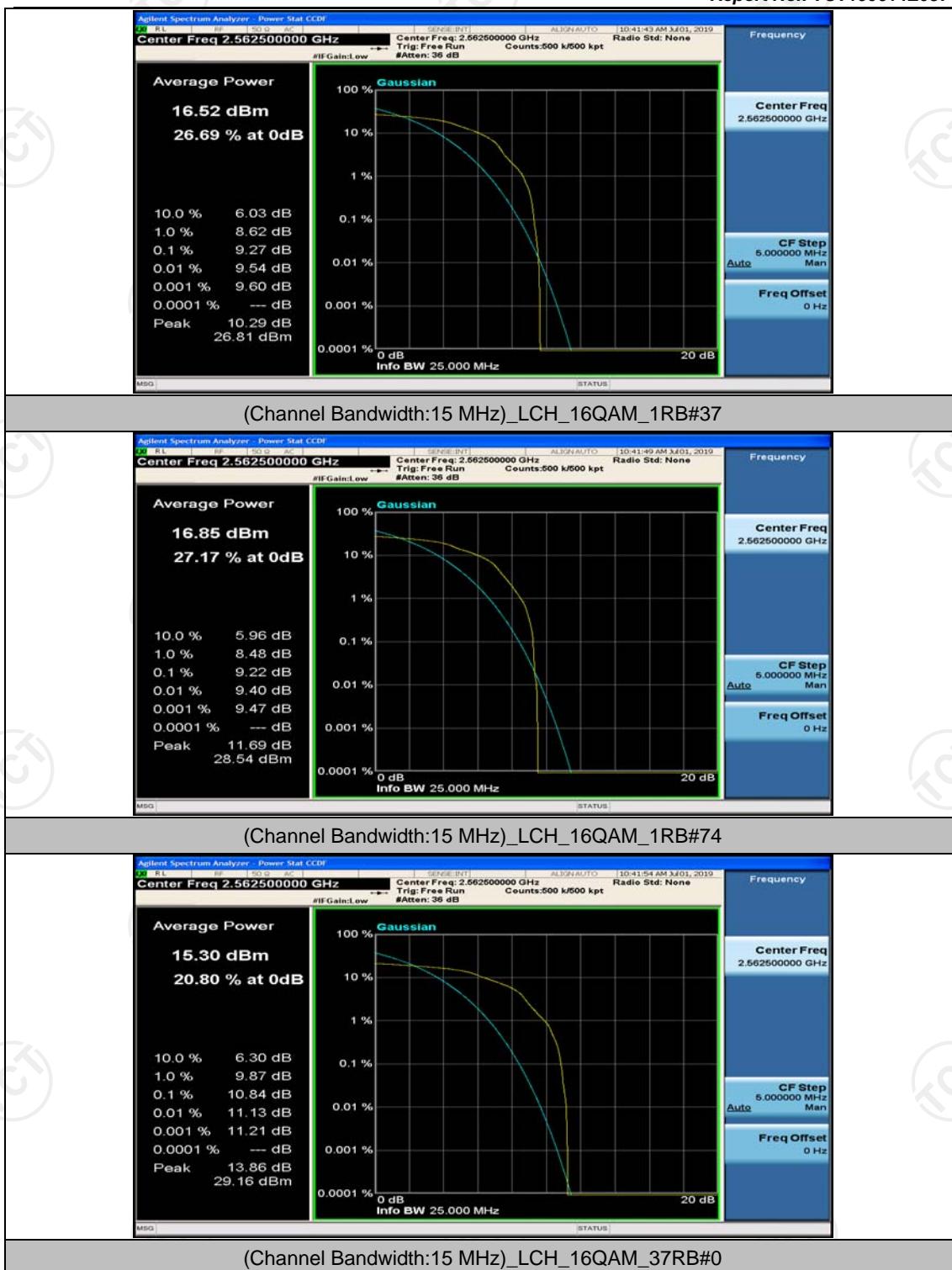


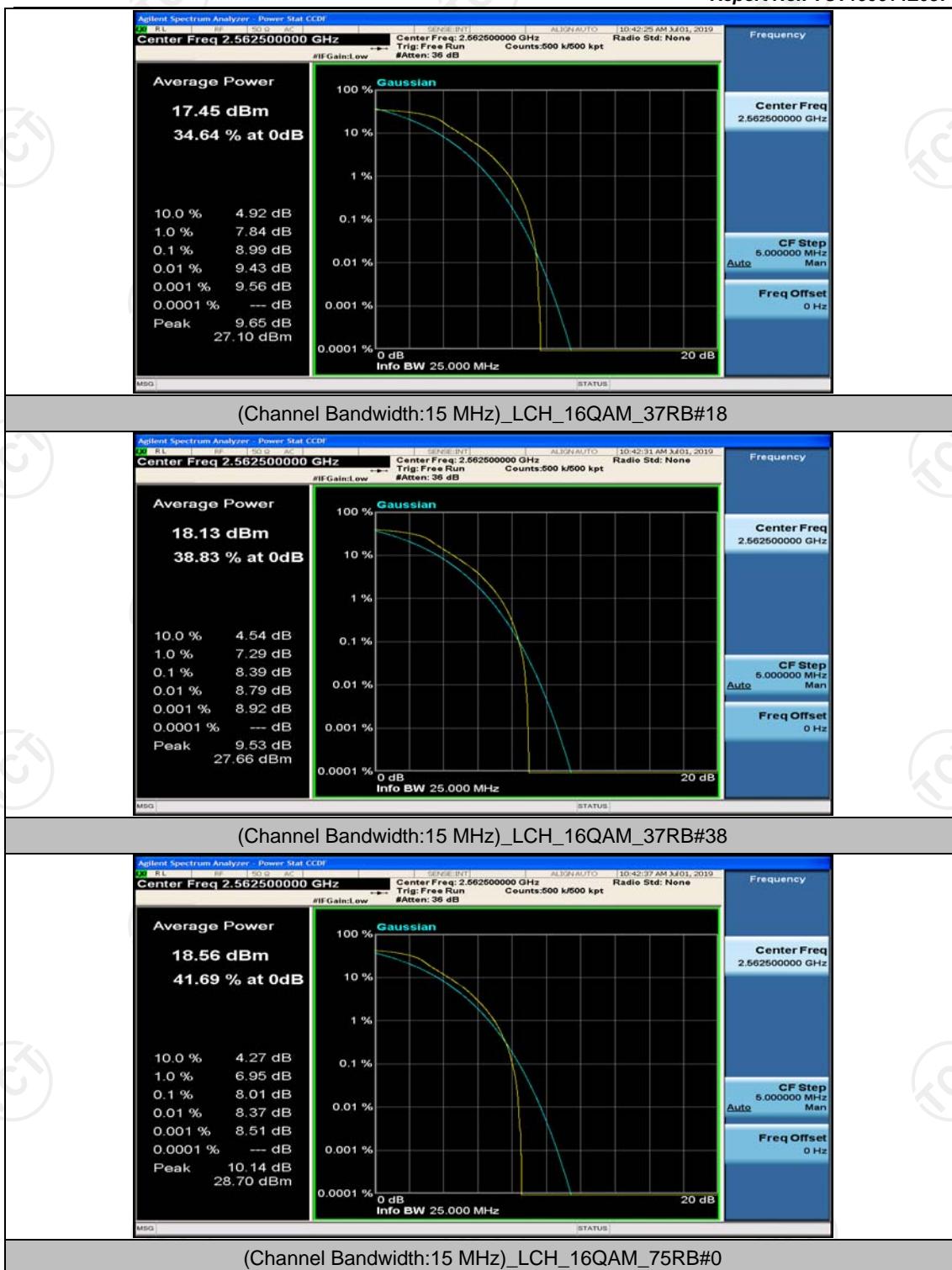


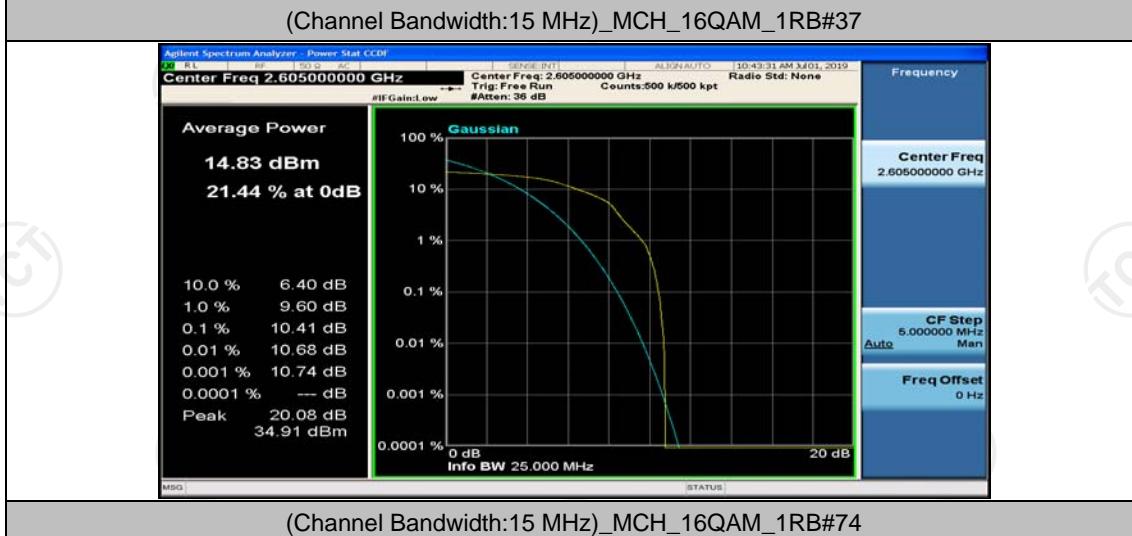
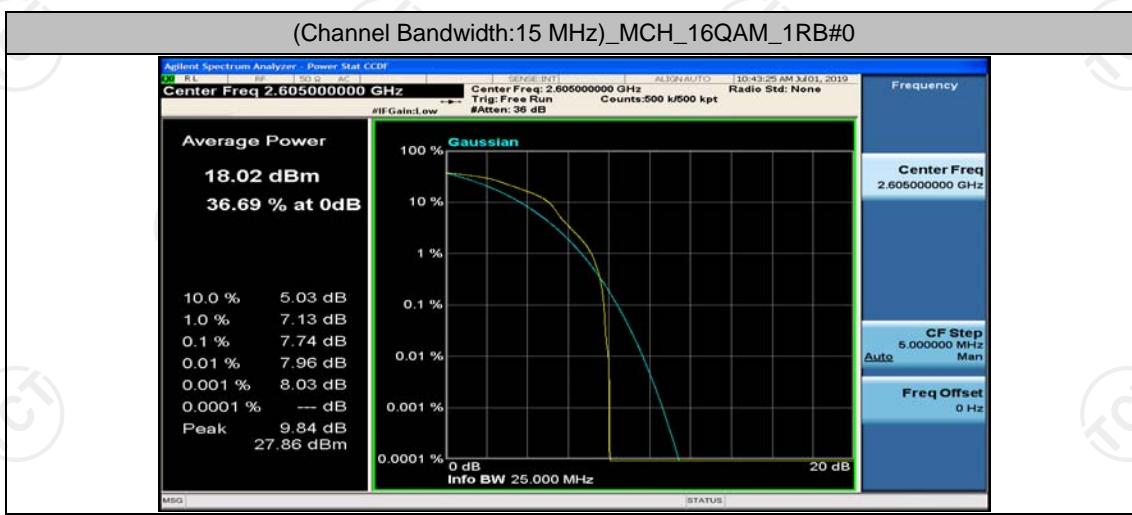


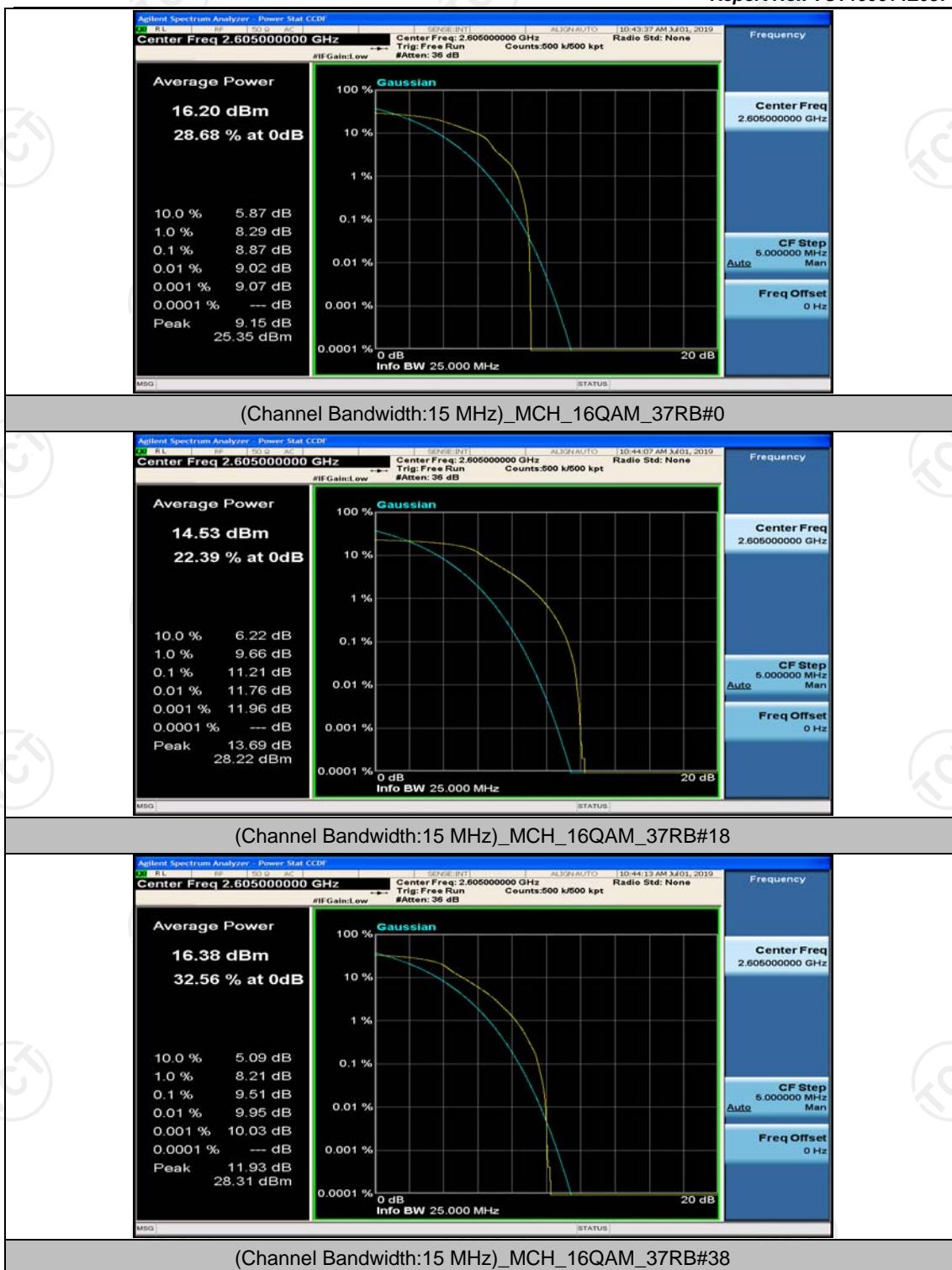


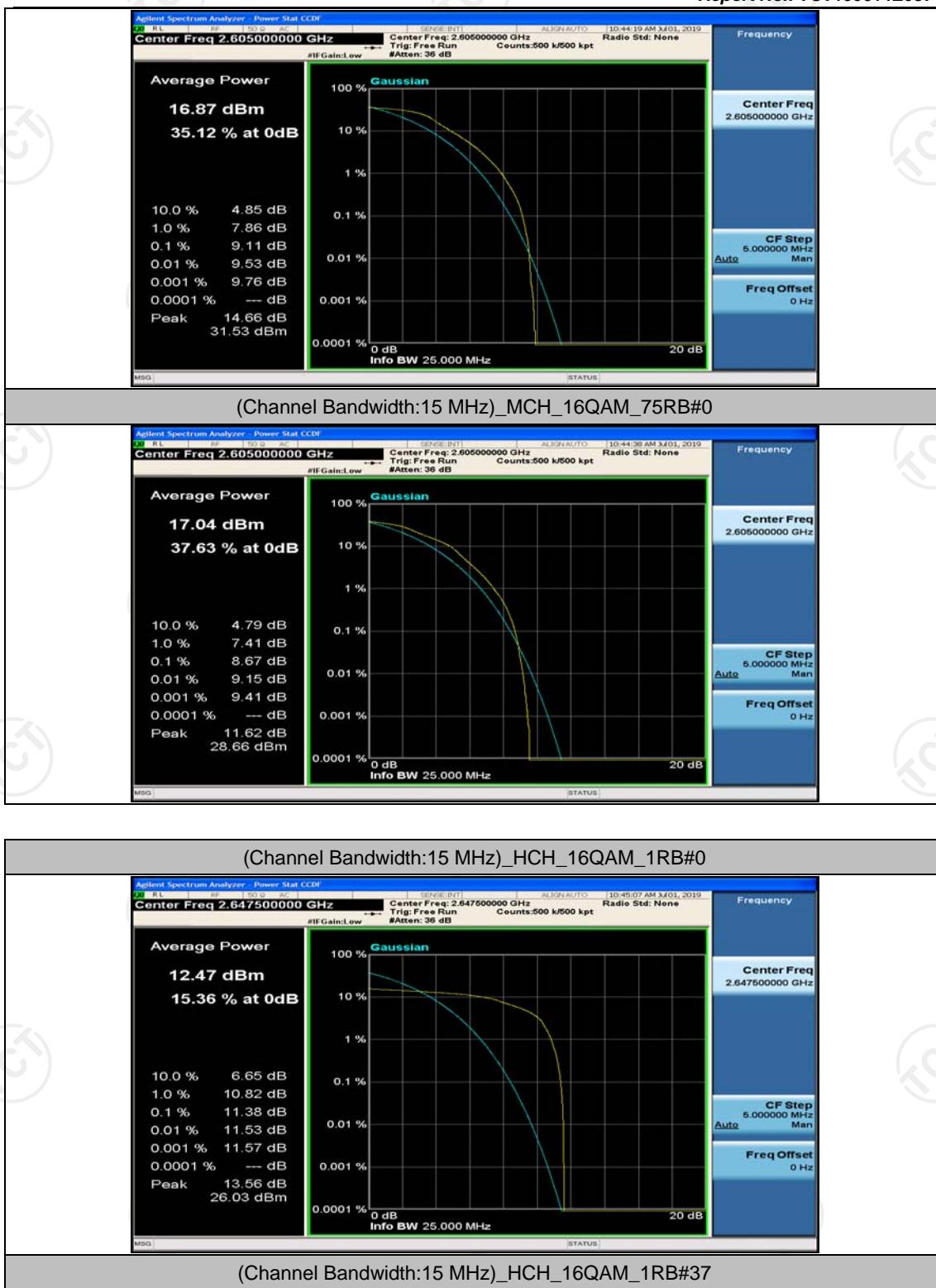
**(Channel Bandwidth:15 MHz)\_LCH\_16QAM\_1RB#0**

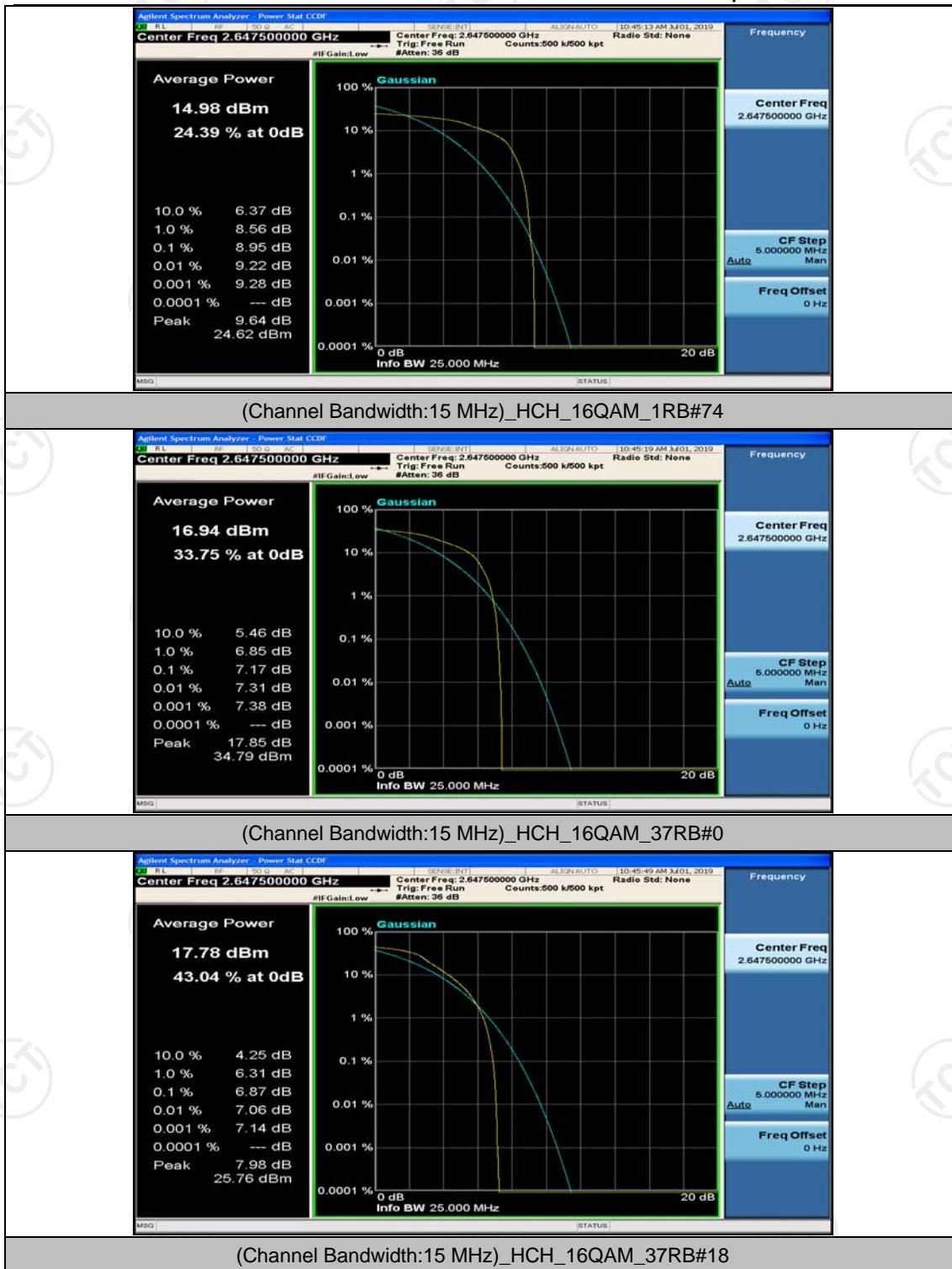


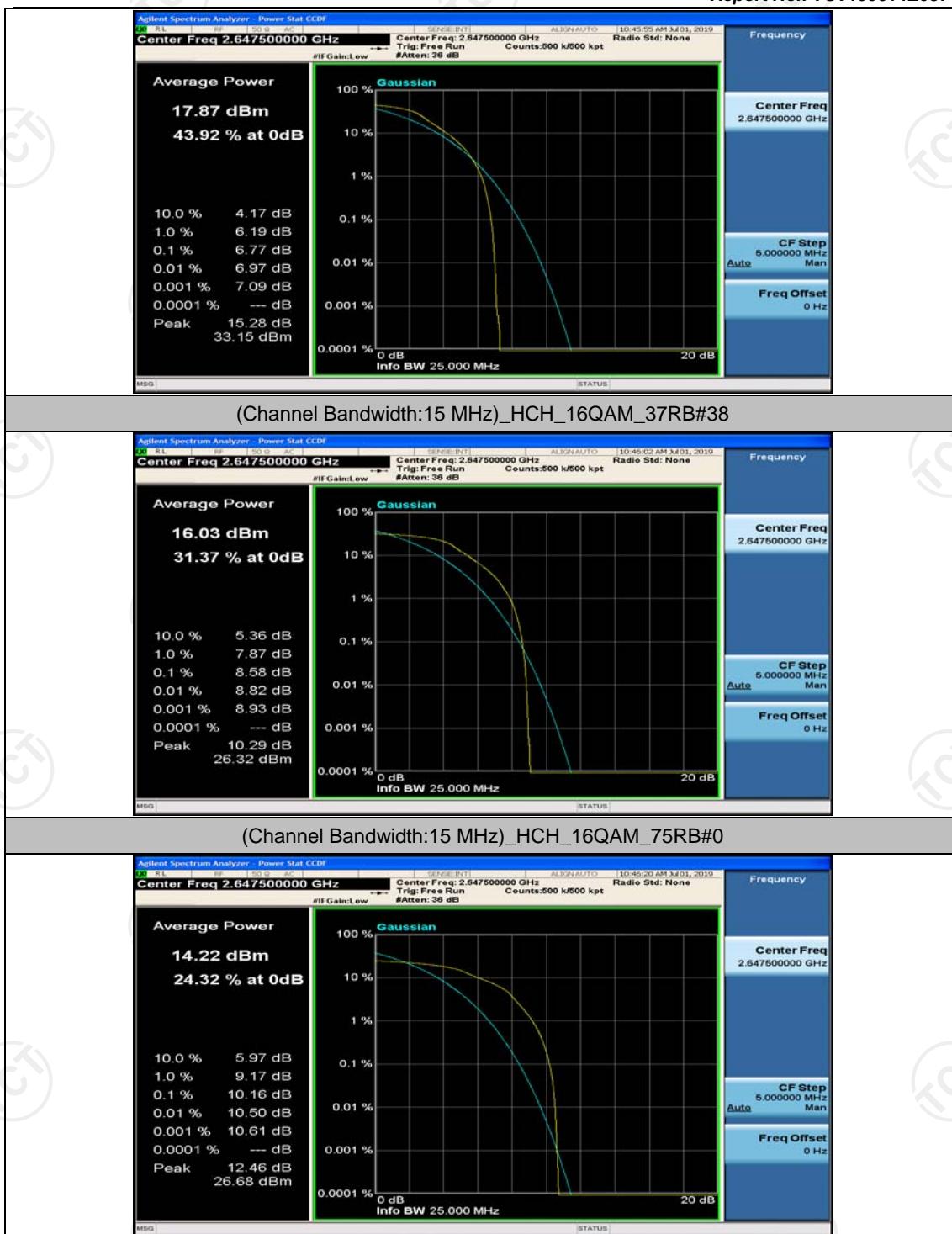






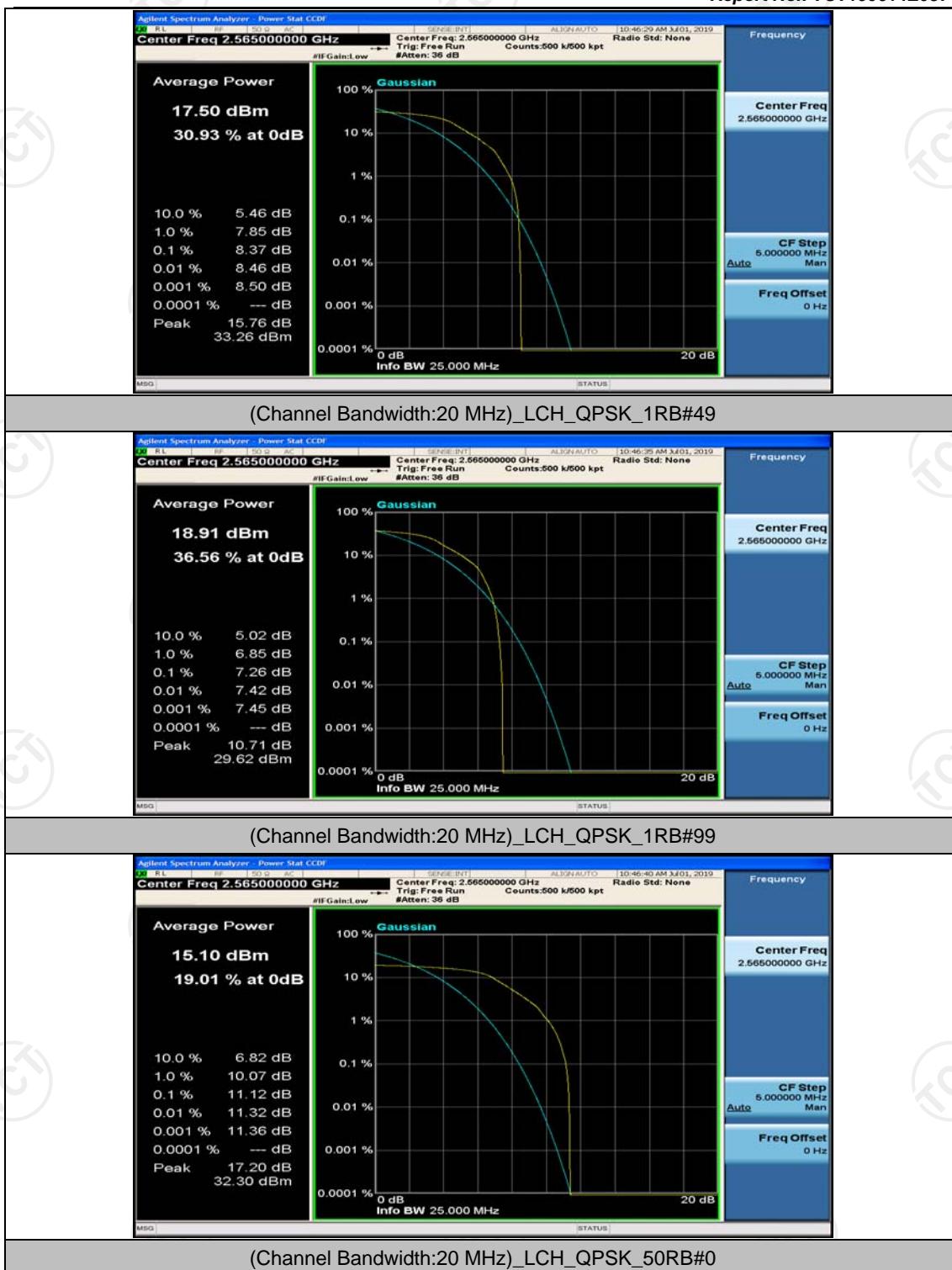


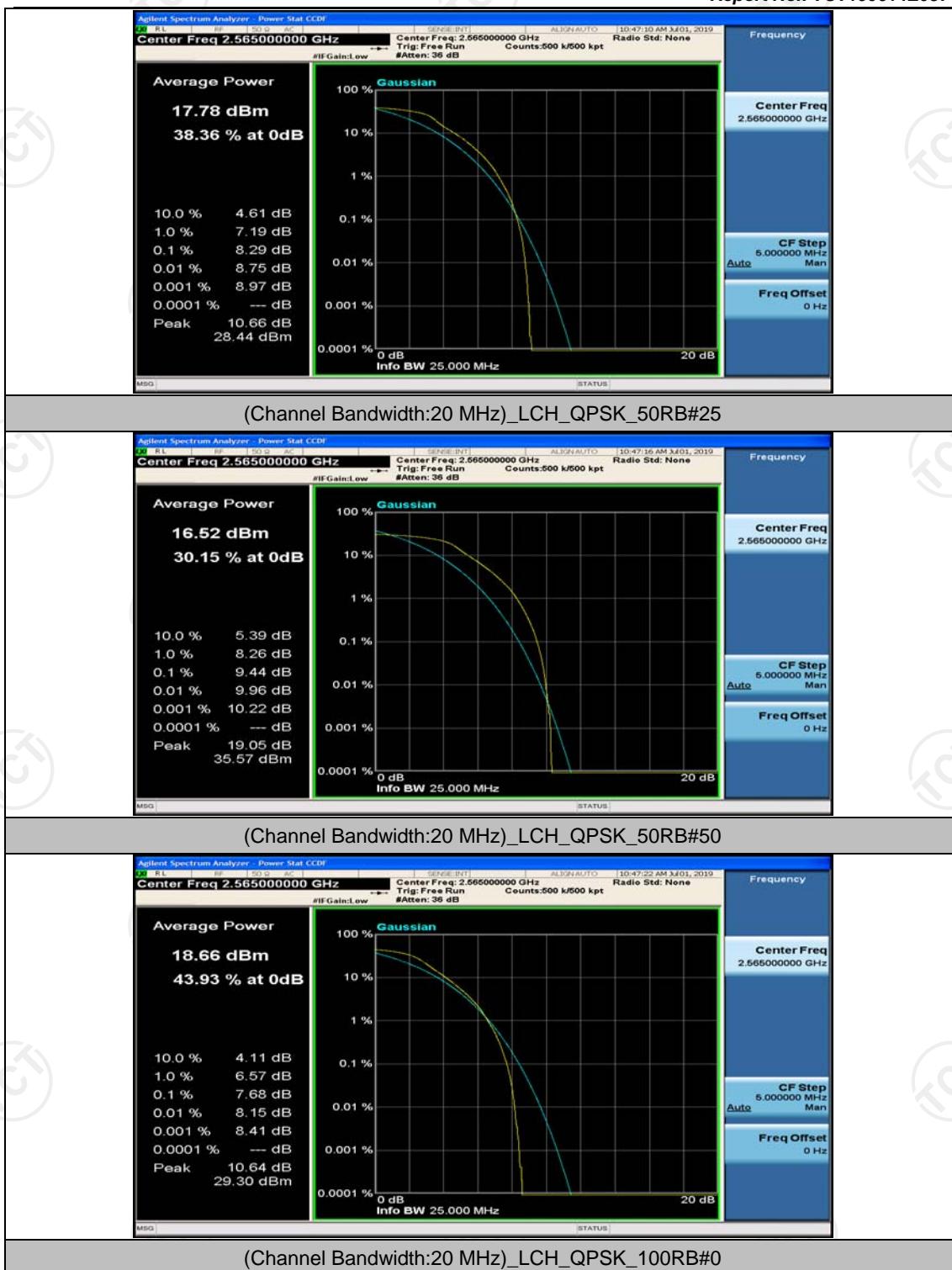


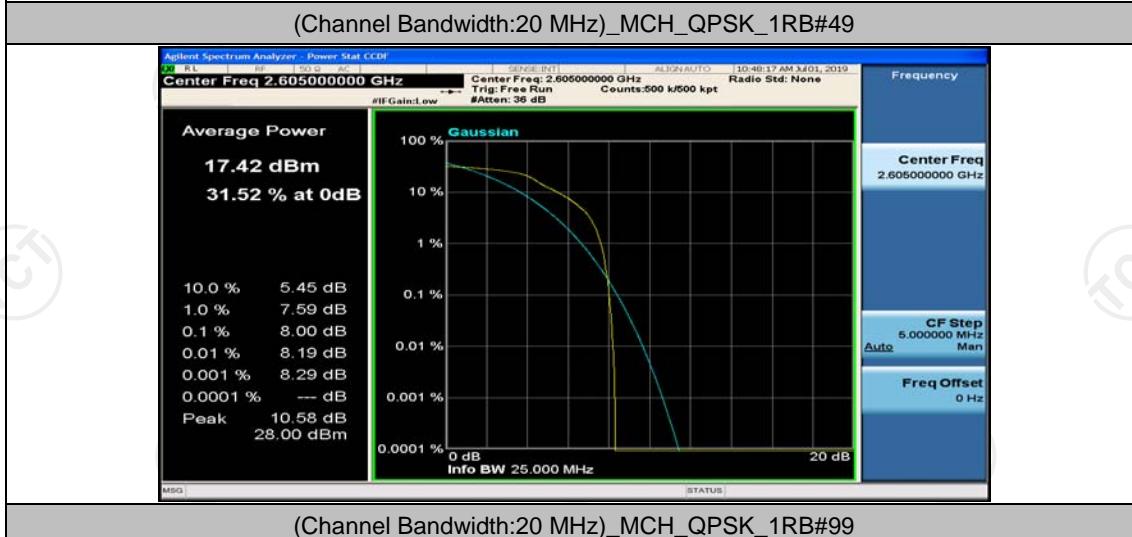
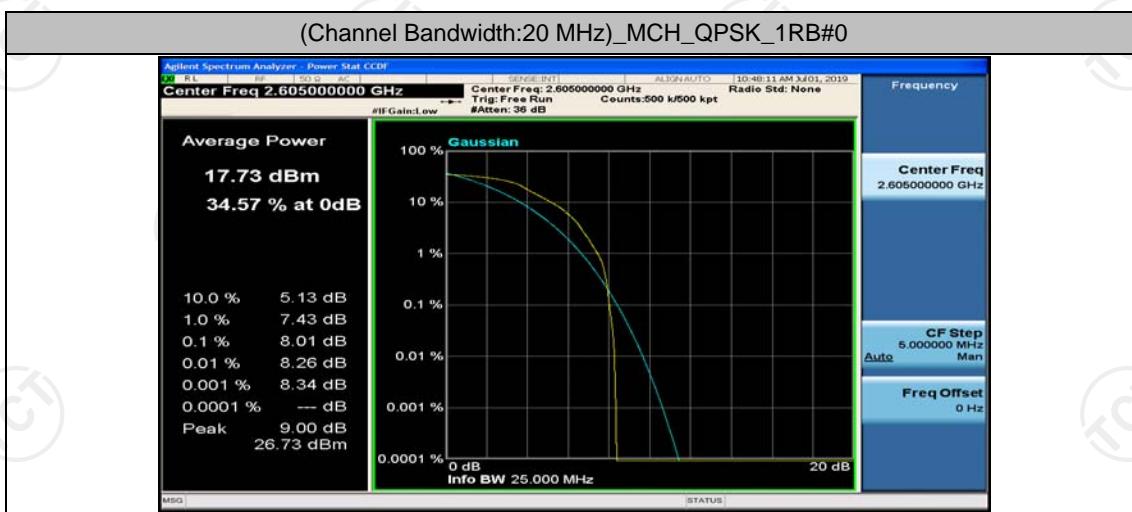


## Channel Bandwidth: 20 MHz

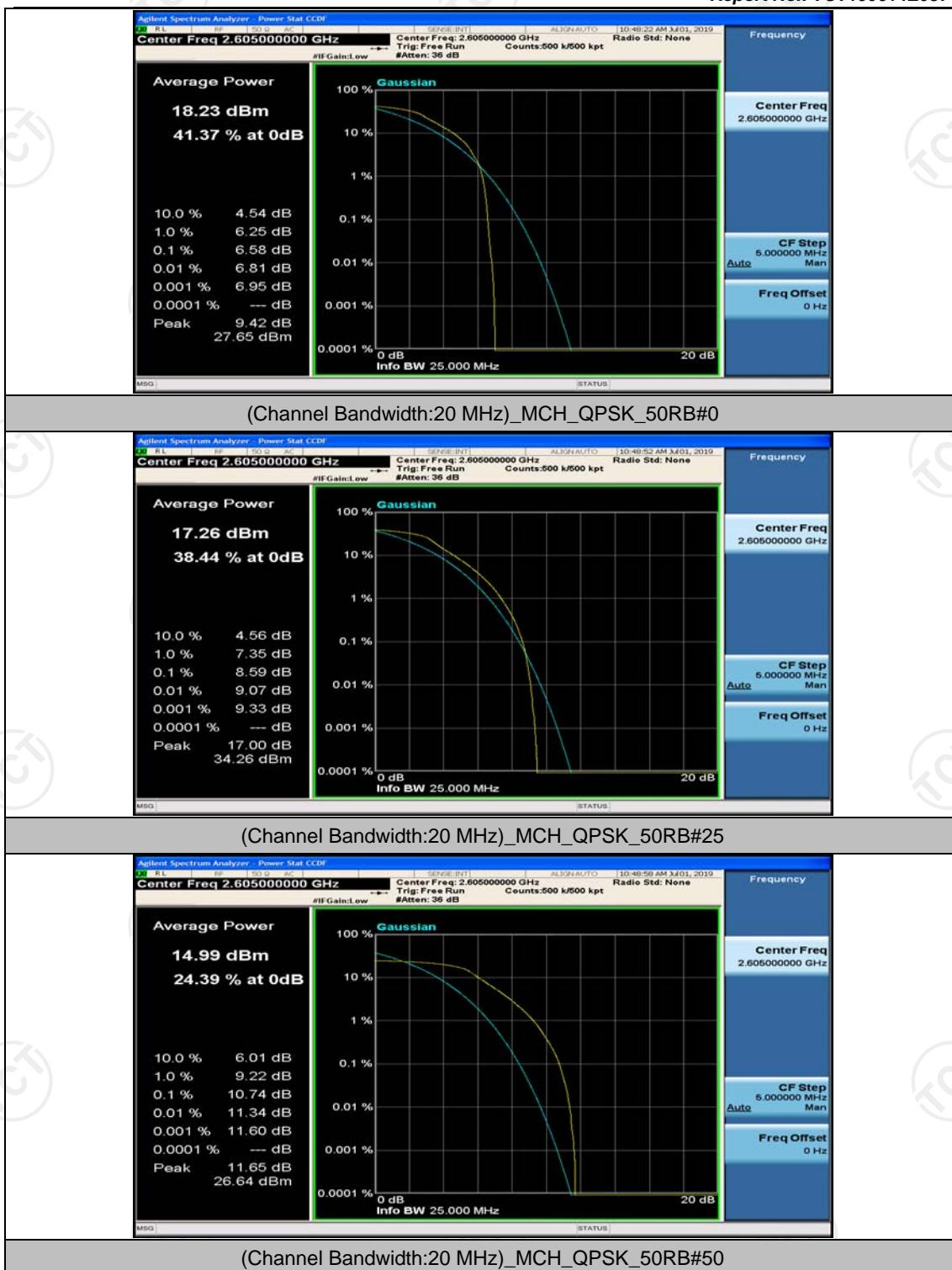
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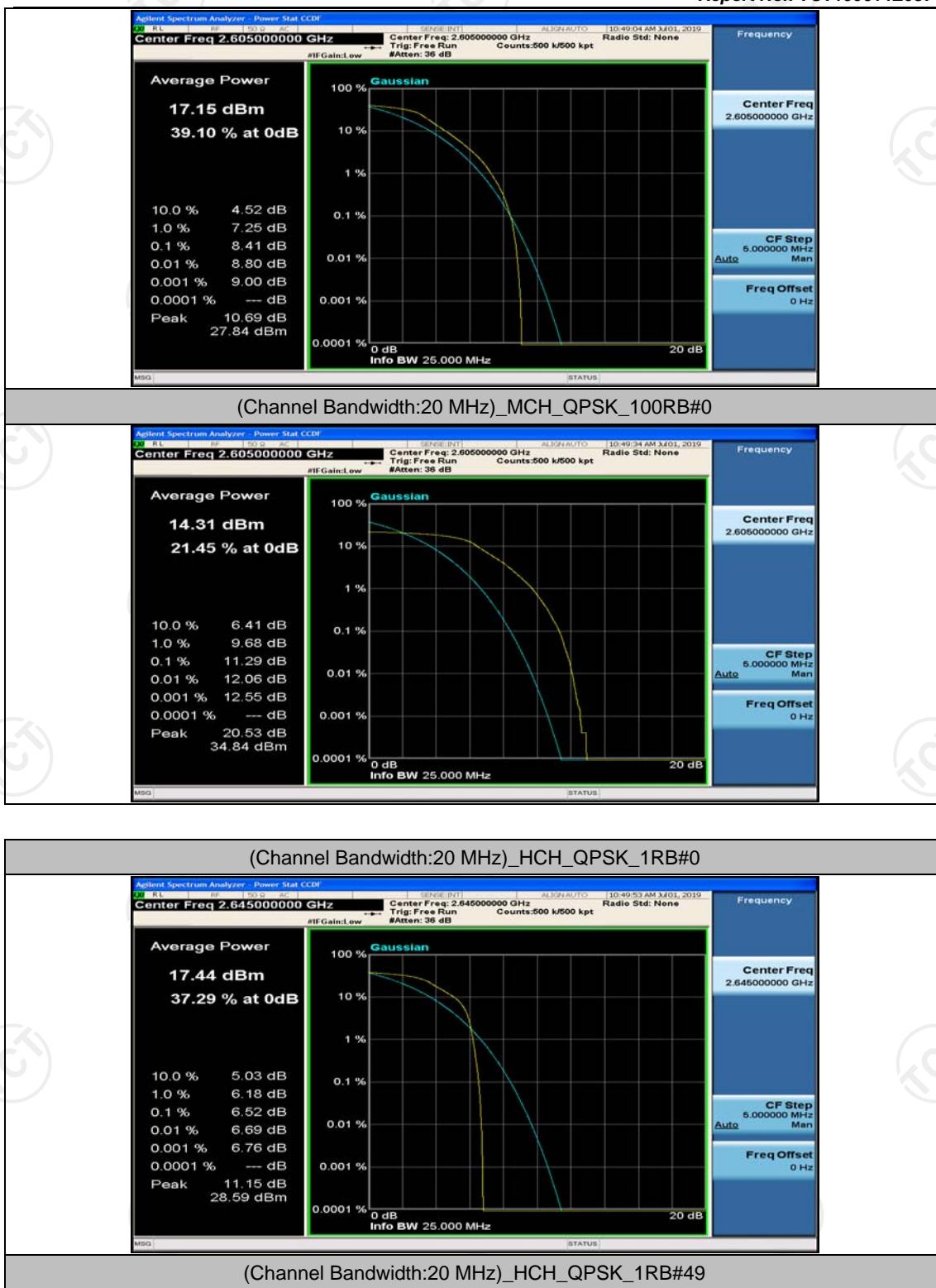


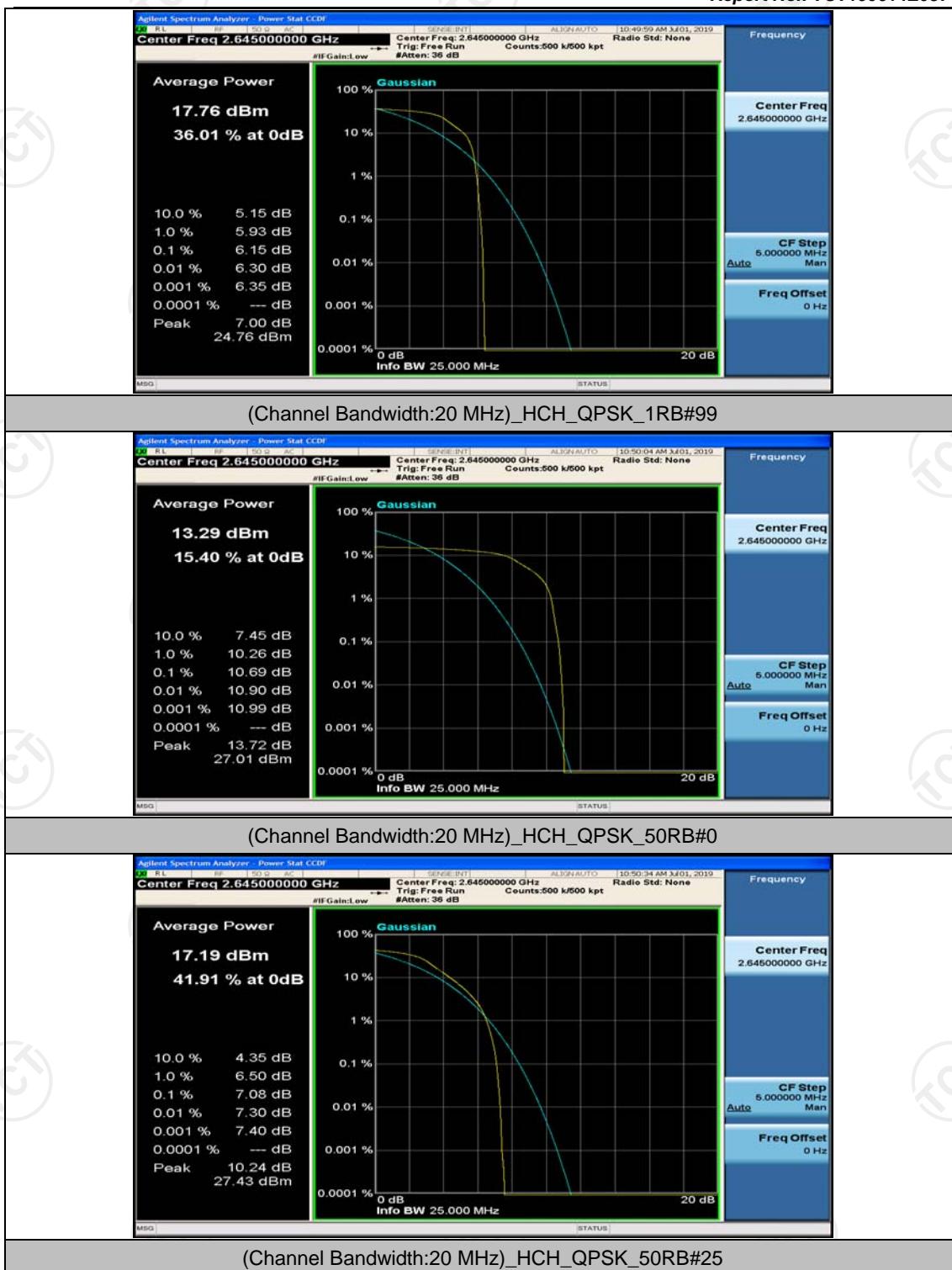


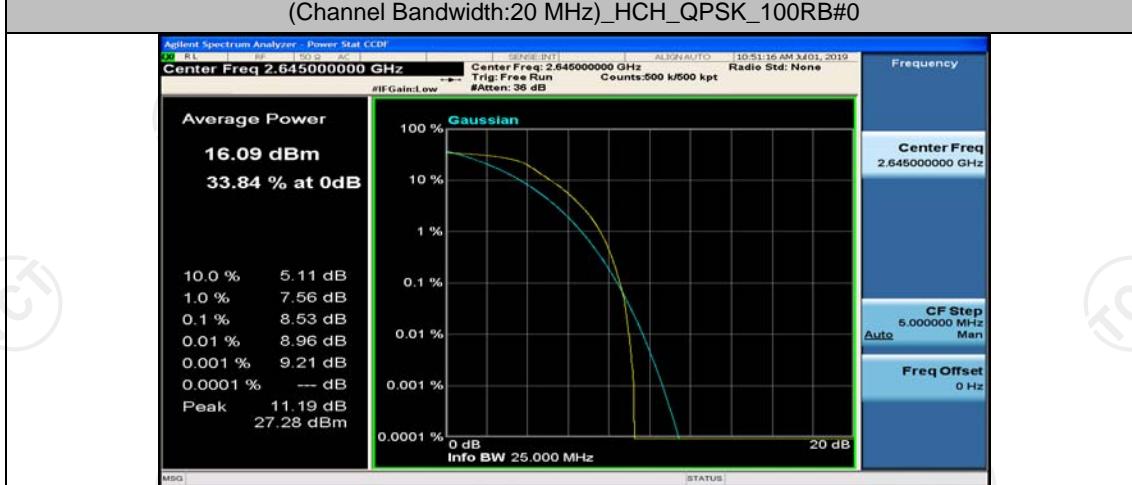
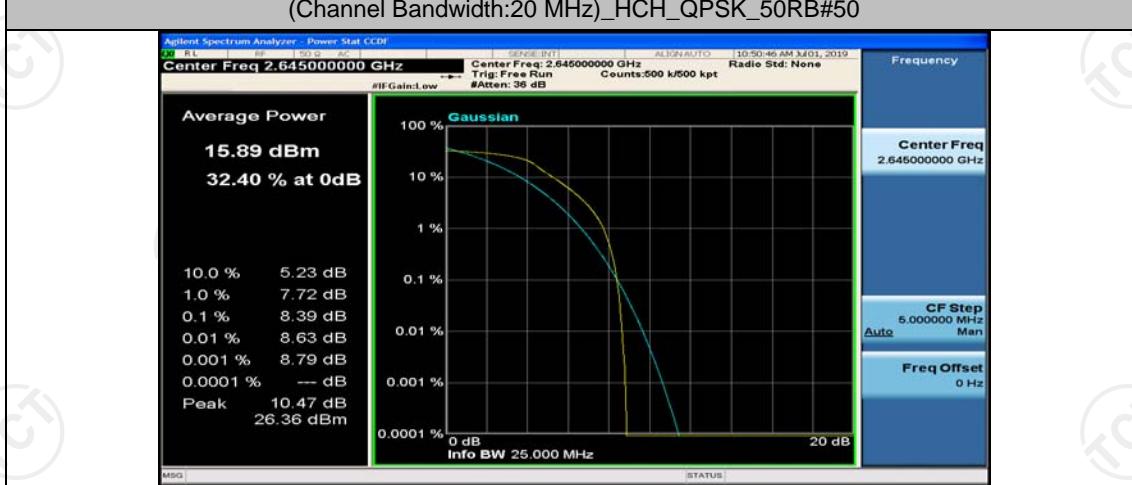
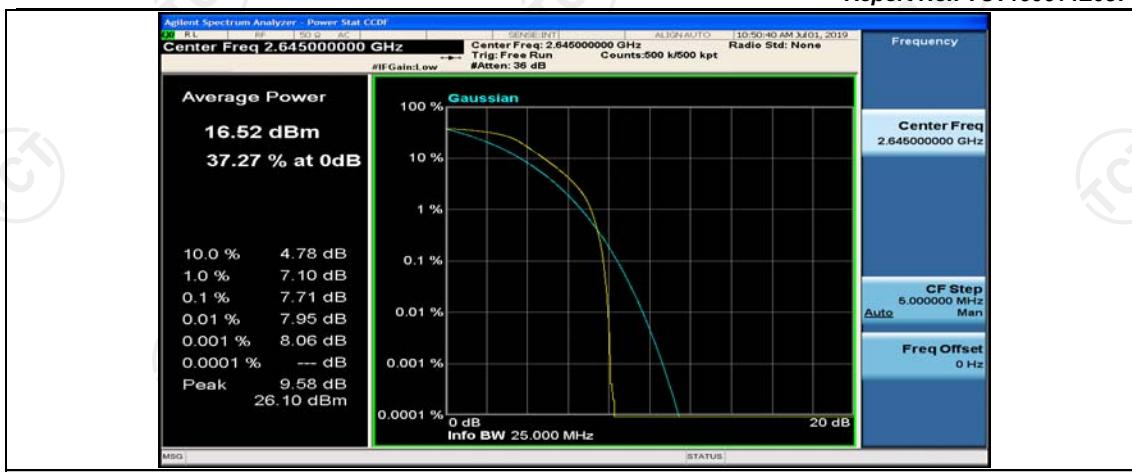


**(Channel Bandwidth:20 MHz)\_MCH\_QPSK\_1RB#99**

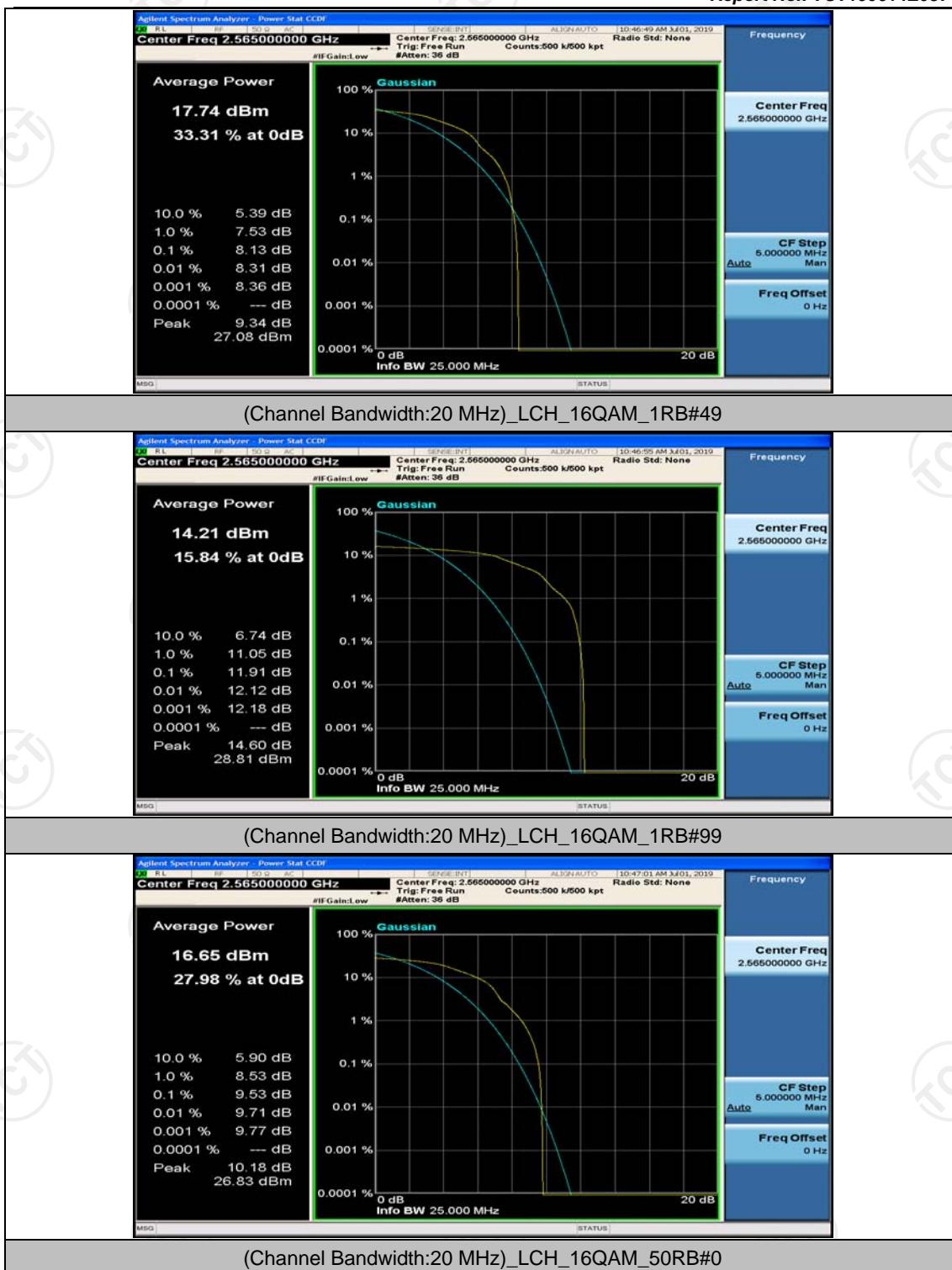


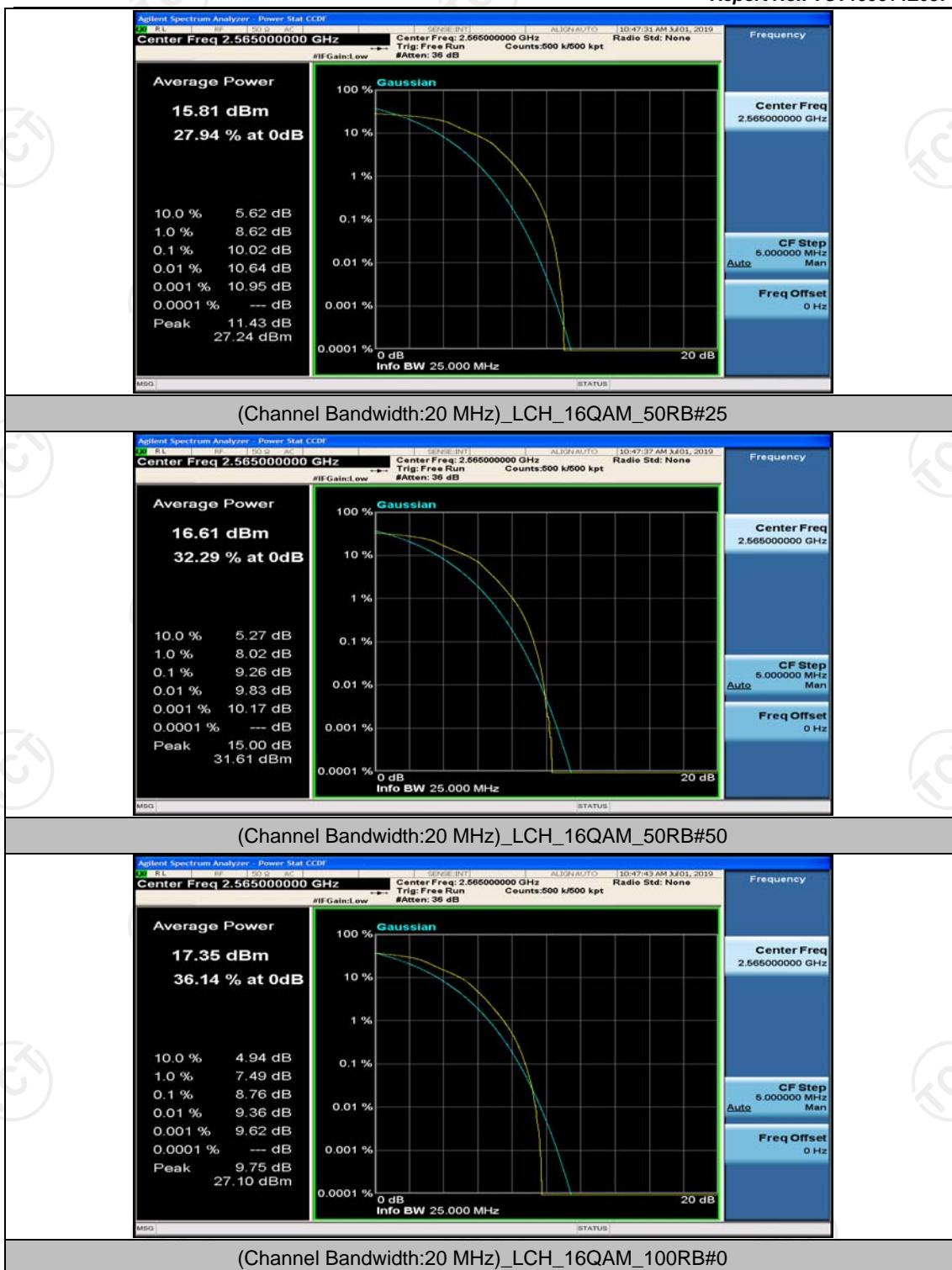


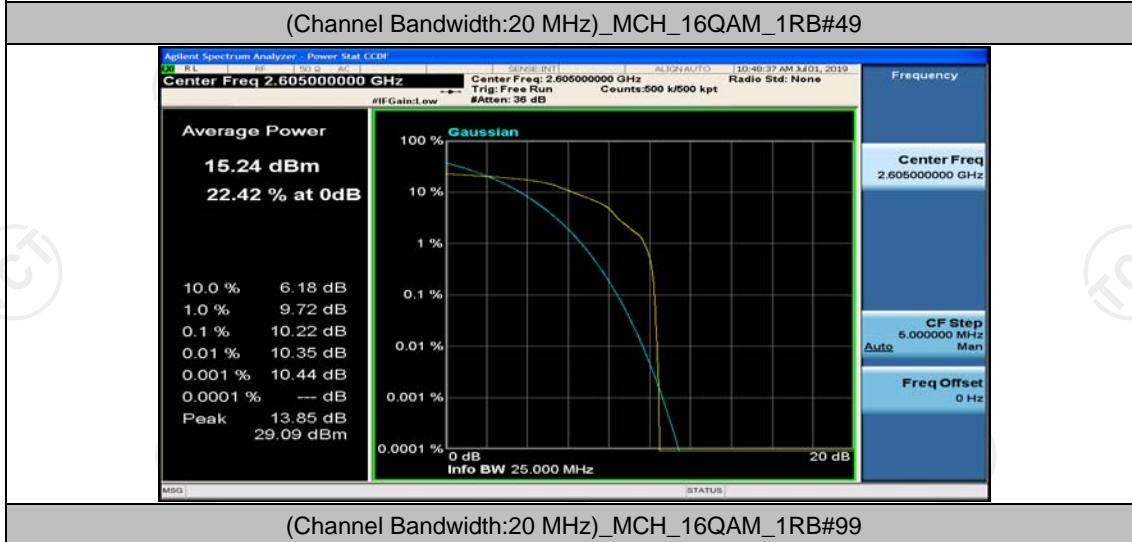
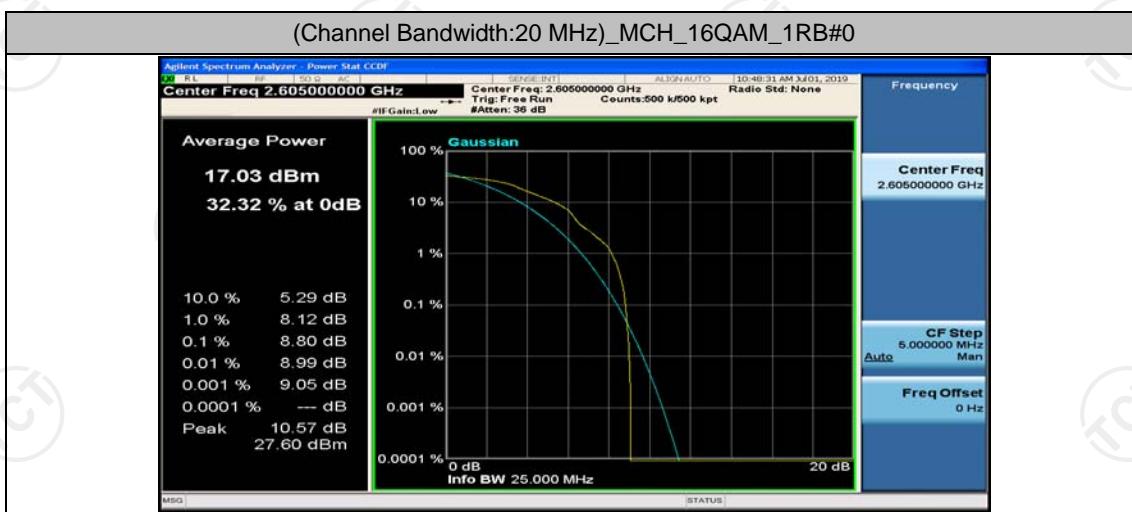
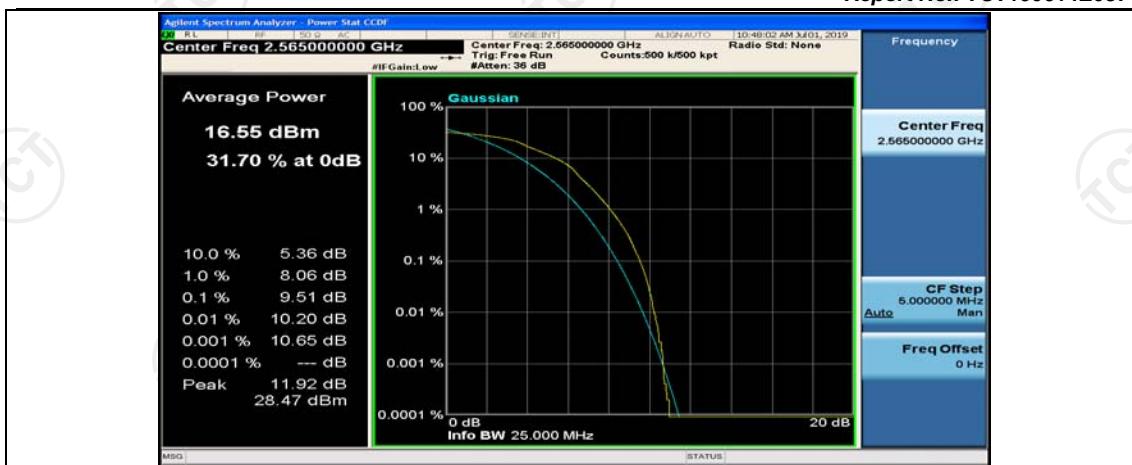


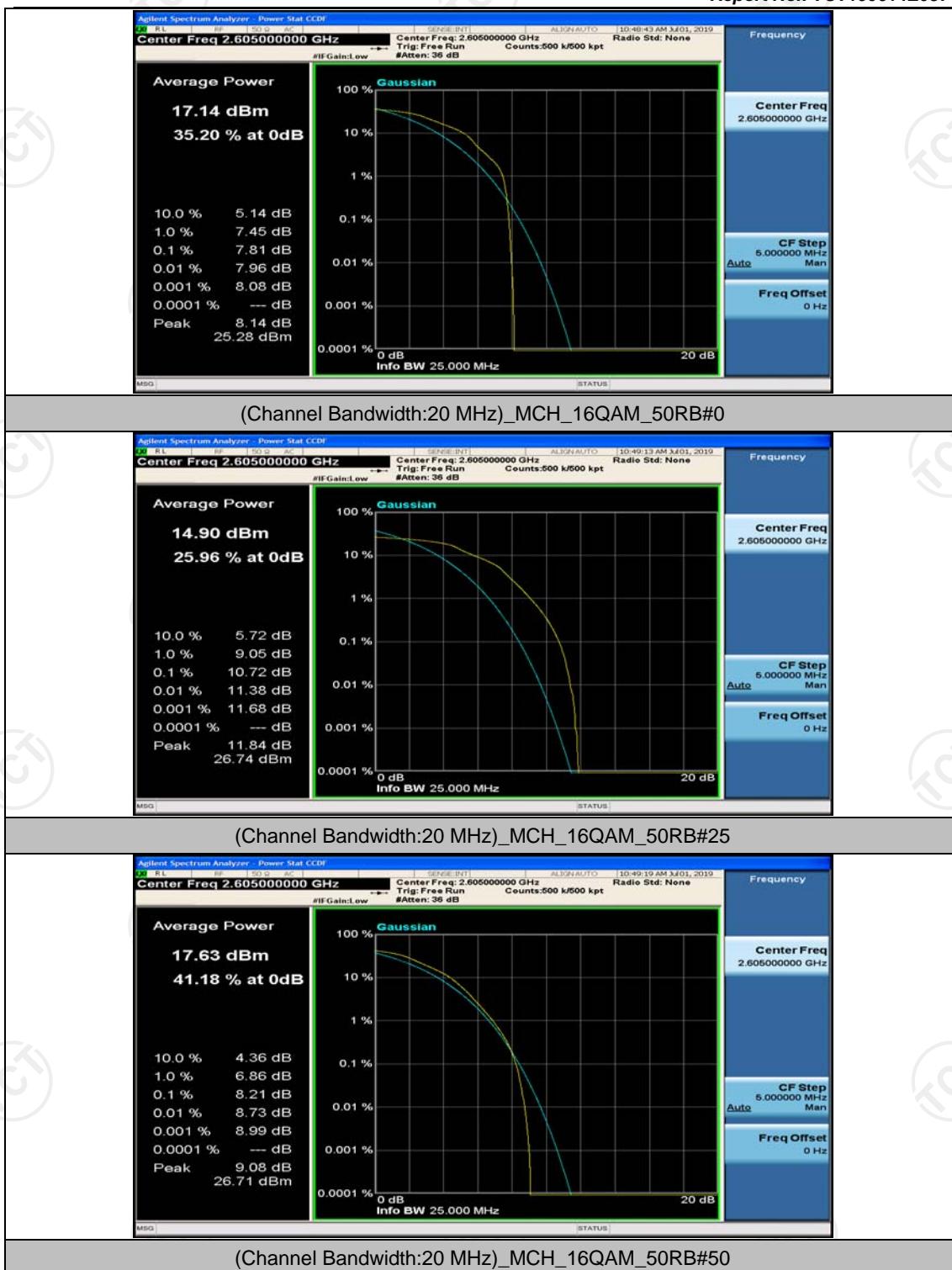


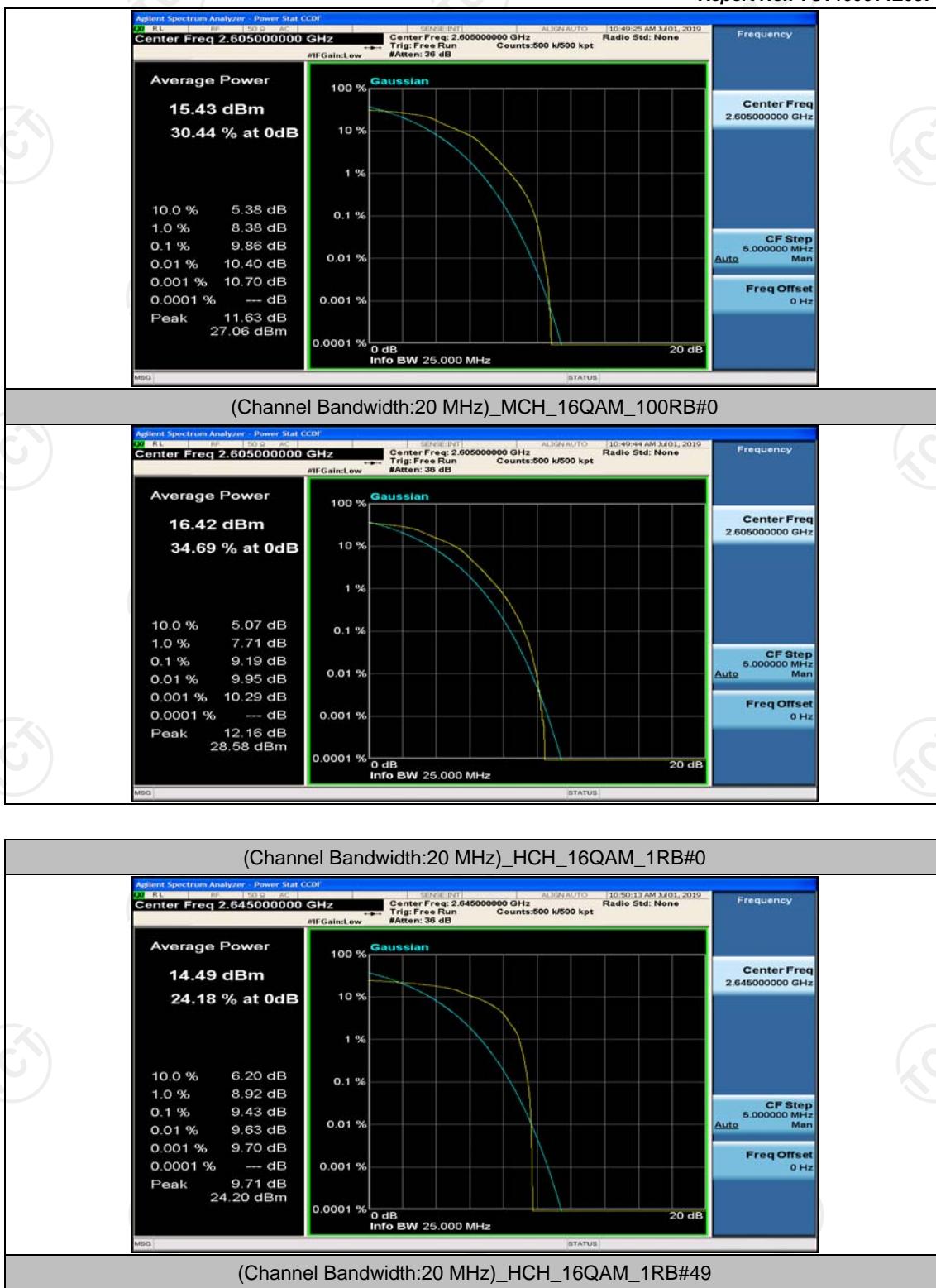
**(Channel Bandwidth:20 MHz)\_LCH\_16QAM\_1RB#0**

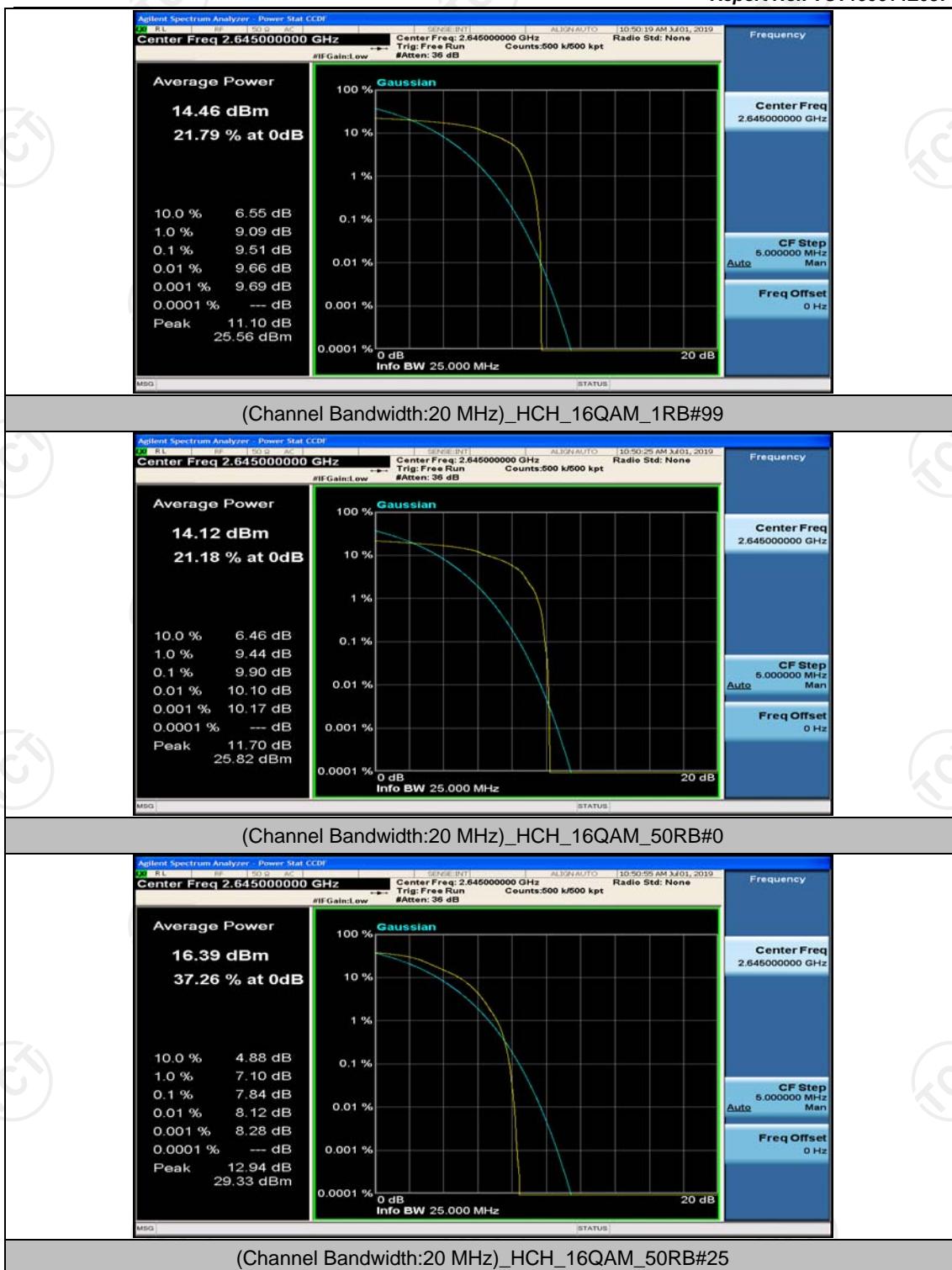


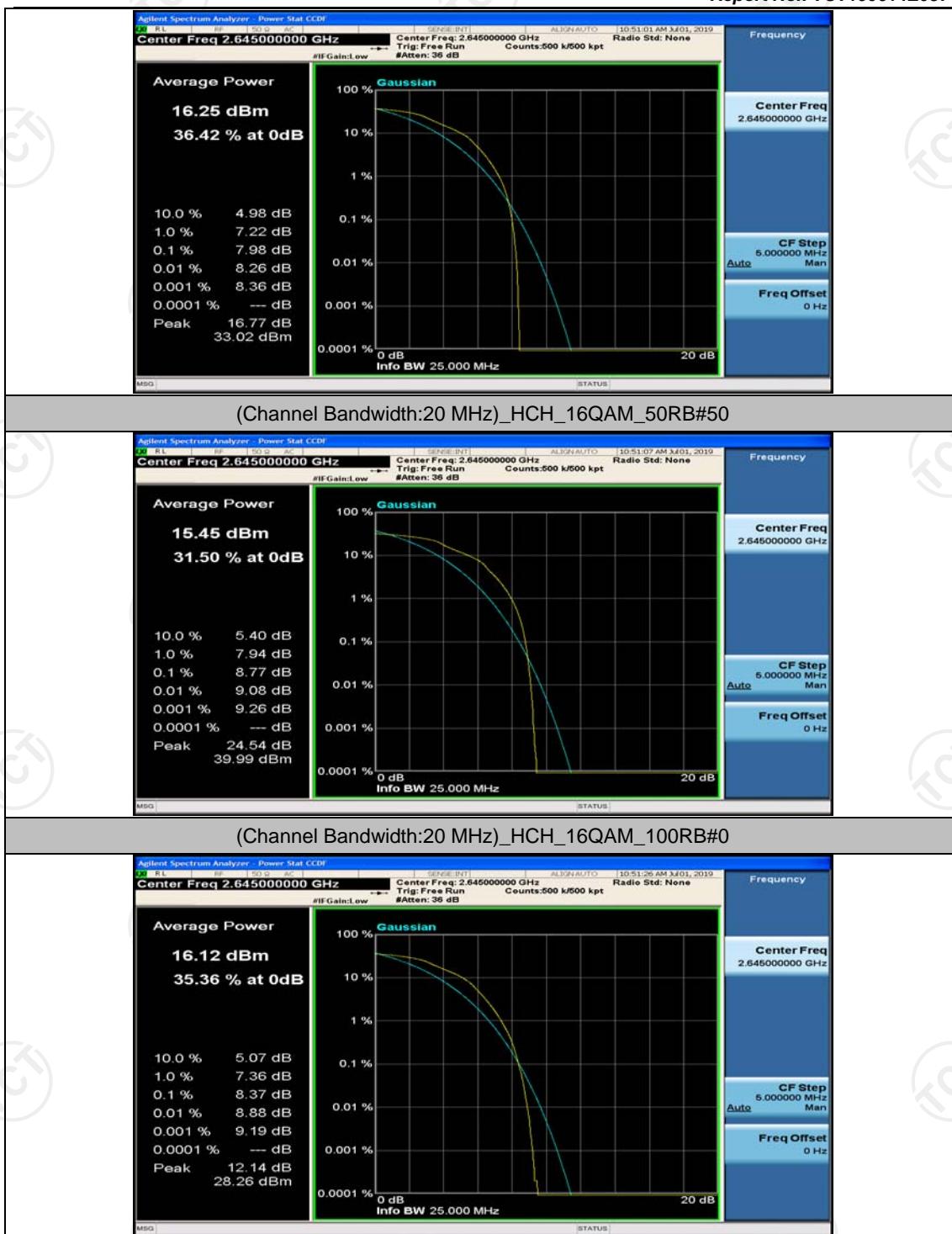












## Appendix C: 26dB Bandwidth and Occupied Bandwidth

### Test Result

#### 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	0.39357	0.6188	PASS
		1	12	0.40231	0.6603	PASS
		1	24	0.36090	0.5495	PASS
		12	0	2.1666	2.425	PASS
		12	6	2.1699	2.432	PASS
		12	13	2.1639	2.440	PASS
		25	0	4.4717	4.691	PASS
	MCH	1	0	0.37070	0.5461	PASS
		1	12	0.37181	0.6449	PASS
		1	24	0.37602	0.5430	PASS
		12	0	2.1733	2.467	PASS
		12	6	2.1717	2.524	PASS
		12	13	2.1722	2.526	PASS
		25	0	4.4786	4.686	PASS
	HCH	1	0	0.37035	0.5588	PASS
		1	12	0.36617	0.5989	PASS
		1	24	0.36651	0.6115	PASS
		12	0	2.1659	2.523	PASS
		12	6	2.1727	2.536	PASS
		12	13	2.1724	2.520	PASS
		25	0	4.4774	4.776	PASS
16QAM	LCH	1	0	0.36581	0.5952	PASS
		1	12	0.33429	0.5739	PASS
		1	24	0.41418	0.6371	PASS
		12	0	2.1707	2.477	PASS
		12	6	2.1693	2.436	PASS
		12	13	2.1704	2.489	PASS
		25	0	4.4695	4.728	PASS

	MCH	1	0	0.37978	0.5507	PASS
		1	12	0.37176	0.5727	PASS
		1	24	0.40817	0.6034	PASS
		12	0	2.1731	2.484	PASS
		12	6	2.1755	2.458	PASS
		12	13	2.1668	2.466	PASS
		25	0	4.4647	4.757	PASS
	HCH	1	0	0.39391	0.6016	PASS
		1	12	0.35629	0.5876	PASS
		1	24	0.40960	0.5786	PASS
		12	0	2.1675	2.505	PASS
		12	6	2.1694	2.548	PASS
		12	13	2.1710	2.493	PASS
		25	0	4.4688	4.728	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	0.49529	0.6880	PASS
		1	25	0.43240	0.6757	PASS
		1	49	0.47216	0.6799	PASS
		25	0	4.5076	4.948	PASS
		25	12	4.5100	4.976	PASS
		25	25	4.5112	4.921	PASS
		50	0	8.9454	9.376	PASS
	MCH	1	0	0.47769	0.7021	PASS
		1	25	0.46922	0.7342	PASS
		1	49	0.49344	0.6965	PASS
		25	0	4.5088	4.912	PASS
		25	12	4.5137	4.915	PASS
		25	25	4.5130	4.889	PASS
		50	0	8.9402	9.326	PASS
	HCH	1	0	0.46222	0.6831	PASS
		1	25	0.46525	0.7378	PASS
		1	49	0.50859	0.6957	PASS
		25	0	4.5100	4.978	PASS
		25	12	4.5095	5.003	PASS
		25	25	4.5016	5.013	PASS
		50	0	8.9366	9.348	PASS

16QAM	LCH	1	0	0.46700	0.6207	PASS
		1	25	0.44594	0.6442	PASS
		1	49	0.44311	0.6335	PASS
		25	0	4.4993	4.900	PASS
		25	12	4.5099	5.054	PASS
		25	25	4.5104	4.932	PASS
		50	0	8.9433	9.312	PASS
	MCH	1	0	0.49937	0.7065	PASS
		1	25	0.46938	0.6788	PASS
		1	49	0.50373	0.6979	PASS
		25	0	4.5044	4.955	PASS
		25	12	4.5055	4.984	PASS
		25	25	4.5056	4.854	PASS
		50	0	8.9321	9.366	PASS
	HCH	1	0	0.46960	0.7302	PASS
		1	25	0.45583	0.7613	PASS
		1	49	0.49681	0.7120	PASS
		25	0	4.5231	4.944	PASS
		25	12	4.5077	4.991	PASS
		25	25	4.5055	4.964	PASS
		50	0	8.9271	9.275	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	0.57330	0.8226	PASS
		1	37	0.53111	0.7781	PASS
		1	74	0.53910	0.7742	PASS
		37	0	13.400	13.97	PASS
		37	18	13.394	14.02	PASS
		37	38	13.403	13.97	PASS
		75	0	13.411	13.97	PASS
	MCH	1	0	0.51250	0.7228	PASS
		1	37	0.50519	0.7211	PASS
		1	74	0.54605	0.8311	PASS
		37	0	13.401	13.94	PASS
		37	18	13.405	13.98	PASS
		37	38	13.396	14.00	PASS

	HCH	75	0	13.395	13.97	PASS
		1	0	0.57985	0.8380	PASS
		1	37	0.53420	0.8214	PASS
		1	74	0.54483	0.7866	PASS
		37	0	13.404	13.92	PASS
		37	18	13.404	13.94	PASS
		37	38	13.405	13.94	PASS
		75	0	13.413	13.97	PASS
	LCH	1	0	0.56802	0.8334	PASS
		1	37	0.52266	0.8231	PASS
		1	74	0.59279	0.8041	PASS
		37	0	13.397	13.93	PASS
		37	18	13.408	13.96	PASS
		37	38	13.405	13.94	PASS
		75	0	13.387	14.02	PASS
		1	0	0.57014	0.8097	PASS
	MCH	1	37	0.55539	0.8468	PASS
		1	74	0.61607	0.8376	PASS
		37	0	13.401	13.98	PASS
		37	18	13.394	13.93	PASS
		37	38	13.399	13.94	PASS
		75	0	13.395	14.02	PASS
		1	0	0.53431	0.7382	PASS
		1	37	0.52700	0.7645	PASS
	HCH	1	74	0.55063	0.7611	PASS
		37	0	13.403	13.96	PASS
		37	18	13.411	13.96	PASS
		37	38	13.399	13.97	PASS
		75	0	13.408	13.98	PASS

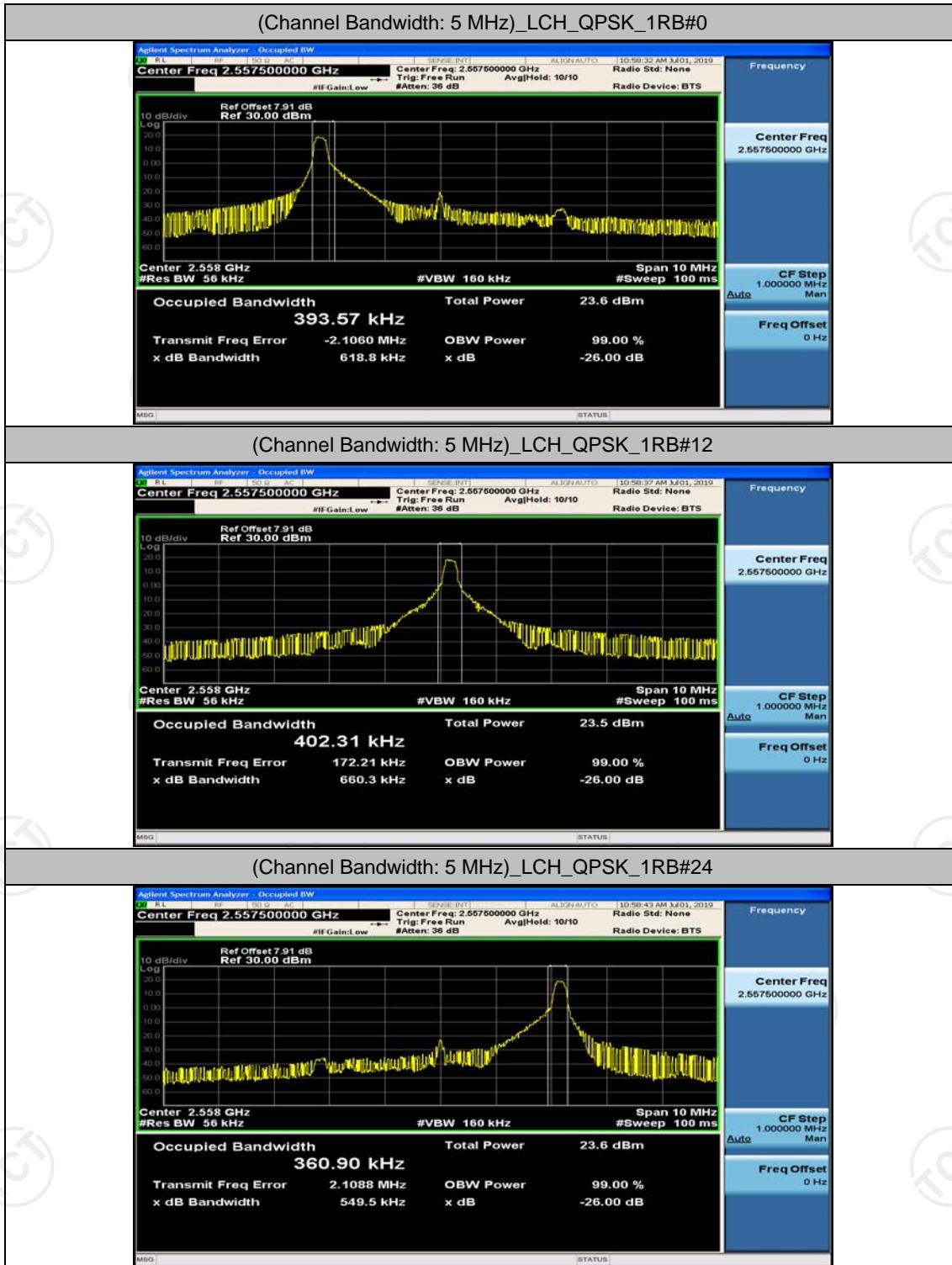
### Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.61314	0.9279	PASS
		1	50	0.59321	0.8941	PASS
		1	99	0.63066	0.8651	PASS
		50	0	8.9776	9.602	PASS
		50	25	8.9585	9.613	PASS

MCH	MCH	50	50	8.9849	9.683	PASS
		100	0	17.852	18.56	PASS
		1	0	0.62879	0.8747	PASS
		1	50	0.58748	0.8434	PASS
		1	99	0.63428	0.8666	PASS
		50	0	8.9974	9.608	PASS
		50	25	8.9941	9.618	PASS
		50	50	9.0062	9.689	PASS
HCH	HCH	100	0	17.839	18.54	PASS
		1	0	0.60182	0.8494	PASS
		1	50	0.60599	0.8550	PASS
		1	99	0.64831	0.9540	PASS
		50	0	8.9906	9.645	PASS
		50	25	8.9815	9.563	PASS
		50	50	8.9852	9.525	PASS
		100	0	17.849	18.59	PASS
16QAM	LCH	1	0	0.65172	0.8477	PASS
		1	50	0.59801	0.8852	PASS
		1	99	0.60447	0.8944	PASS
		50	0	8.9895	9.615	PASS
		50	25	8.9843	9.646	PASS
		50	50	8.9873	9.615	PASS
		100	0	17.836	18.54	PASS
	MCH	1	0	0.60434	0.8401	PASS
		1	50	0.59875	0.8270	PASS
		1	99	0.60264	0.9059	PASS
		50	0	8.9853	9.600	PASS
		50	25	9.0010	9.601	PASS
		50	50	8.9910	9.624	PASS
		100	0	17.867	18.52	PASS
	HCH	1	0	0.64413	0.9474	PASS
		1	50	0.61521	0.9274	PASS
		1	99	0.61836	0.9174	PASS
		50	0	8.9910	9.653	PASS
		50	25	8.9864	9.698	PASS
		50	50	8.9817	9.591	PASS
		100	0	17.857	18.52	PASS

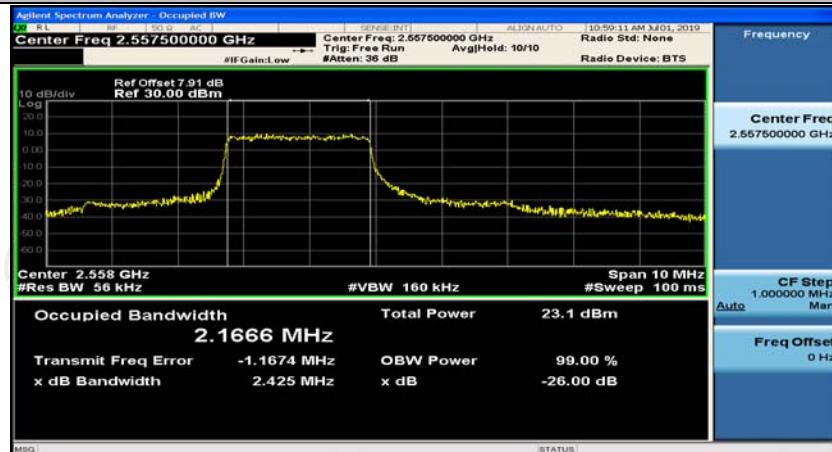
## Test Graphs

### Channel Bandwidth: 5 MHz

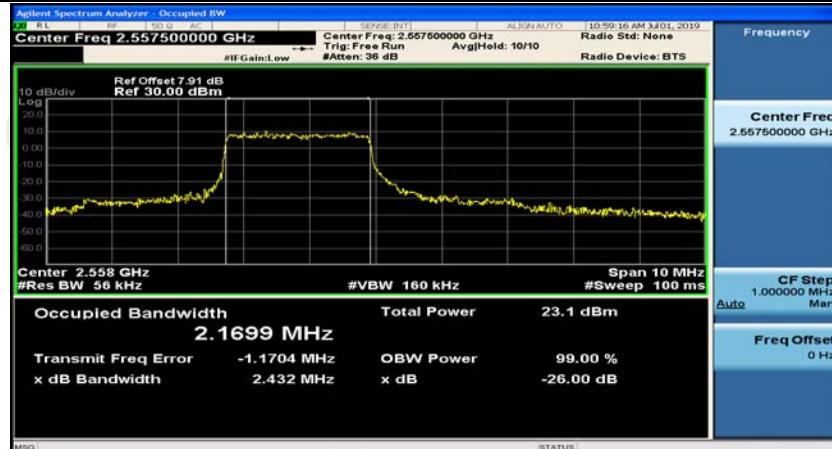




## (Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_12RB#0



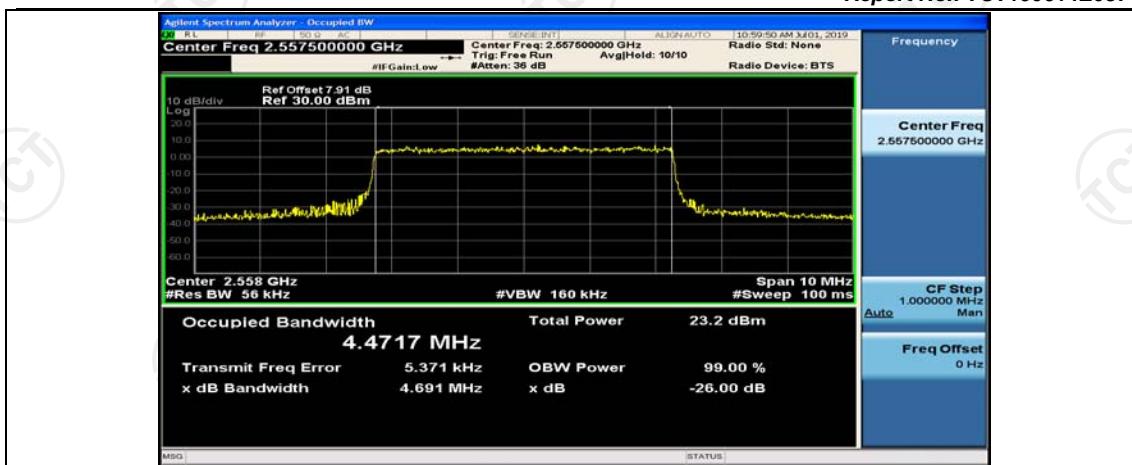
## (Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_12RB#6



## (Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_12RB#13



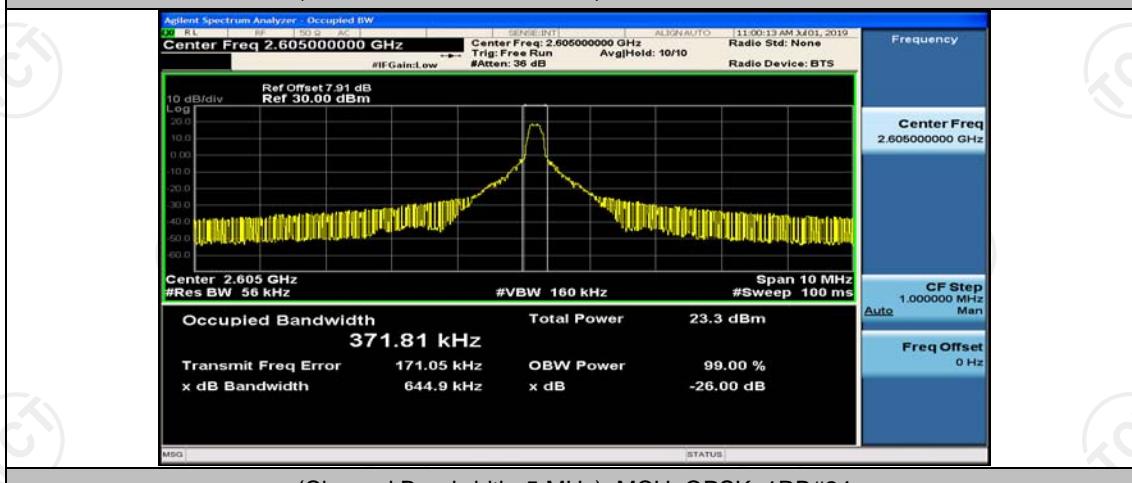
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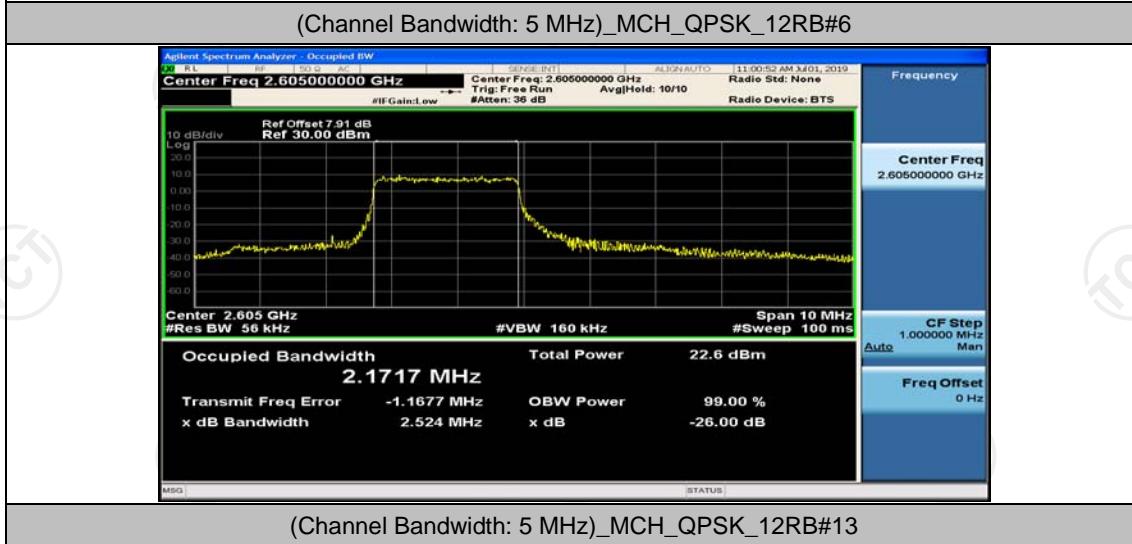
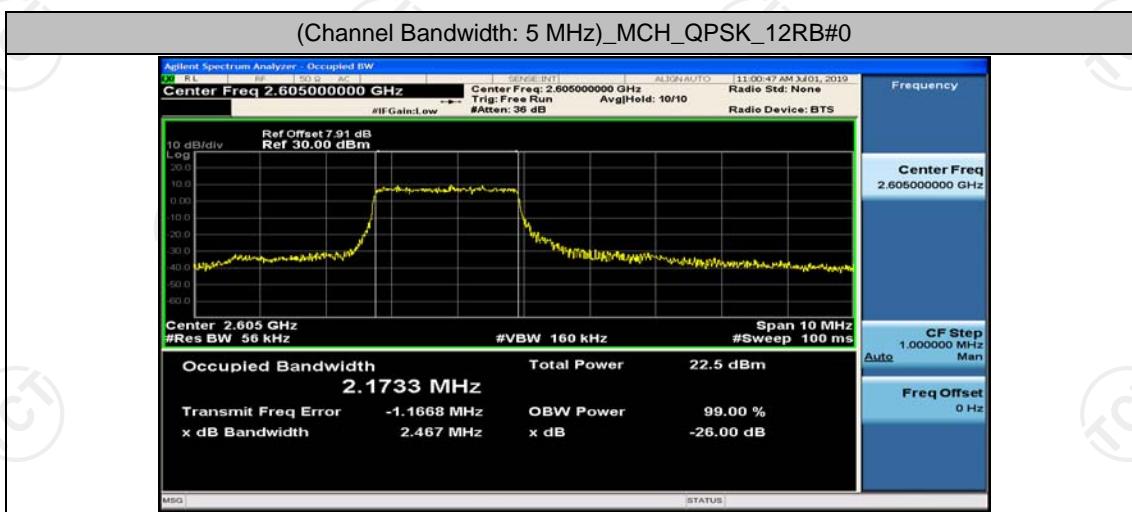
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#0



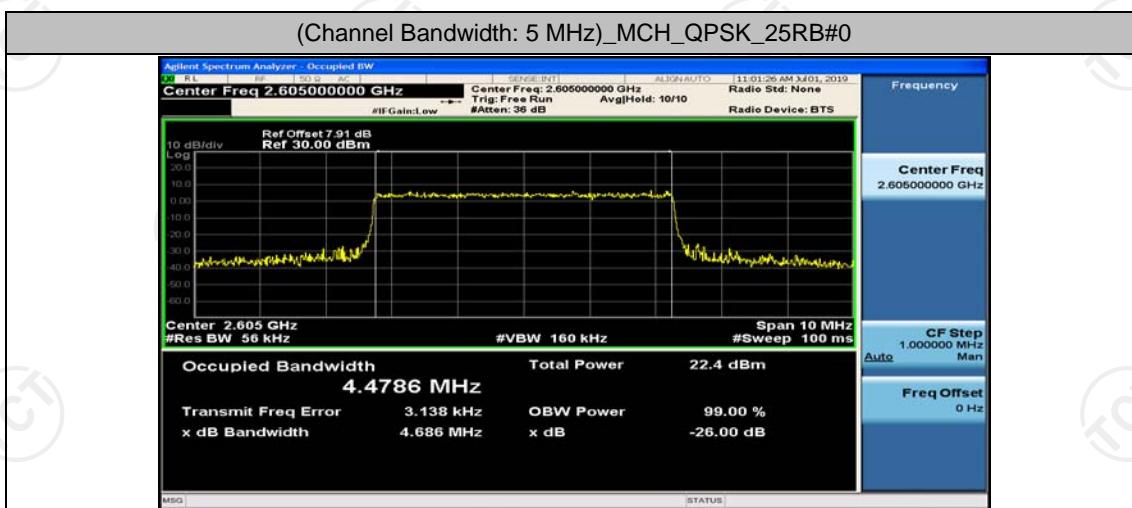
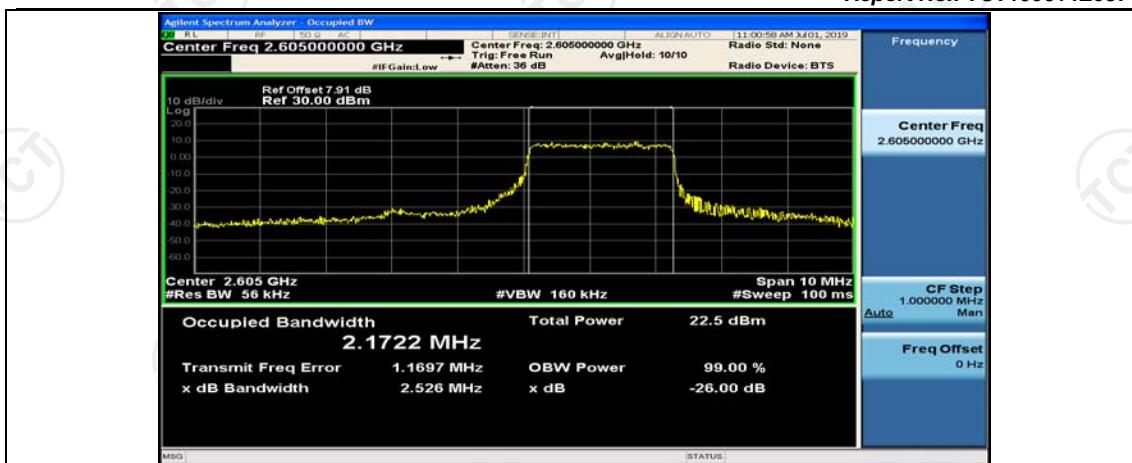
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#12



(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#24



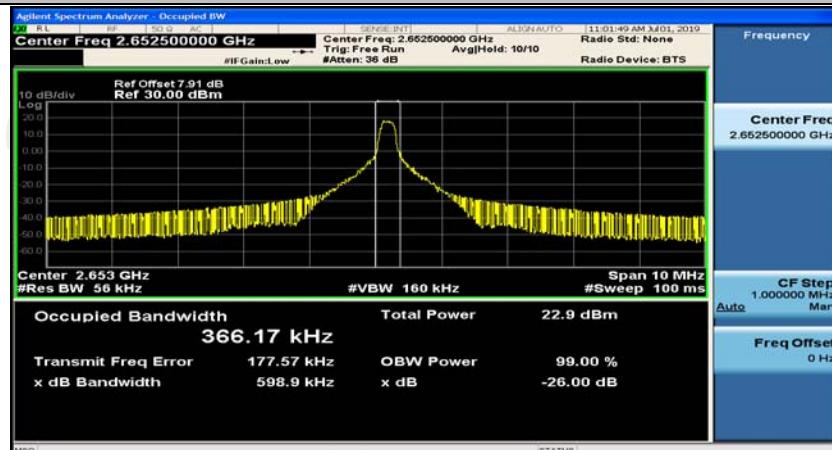
**(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_12RB#13**



## (Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#0



## (Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#12



## (Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#24



## (Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_12RB#0

