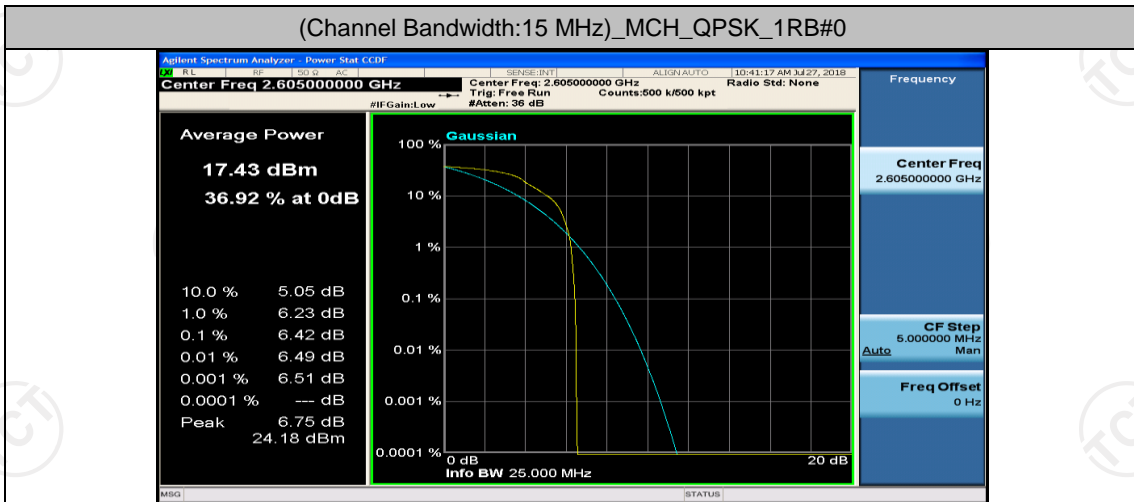
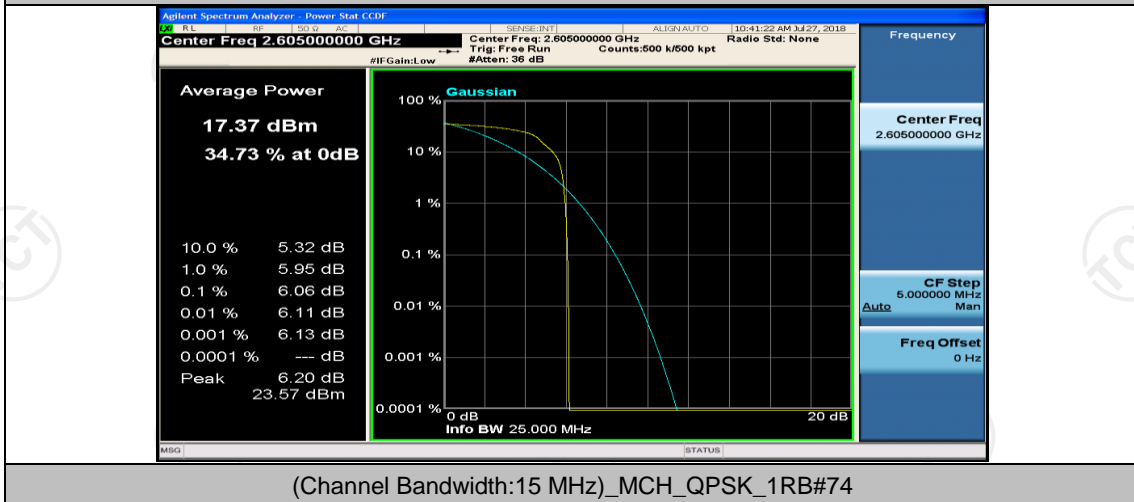


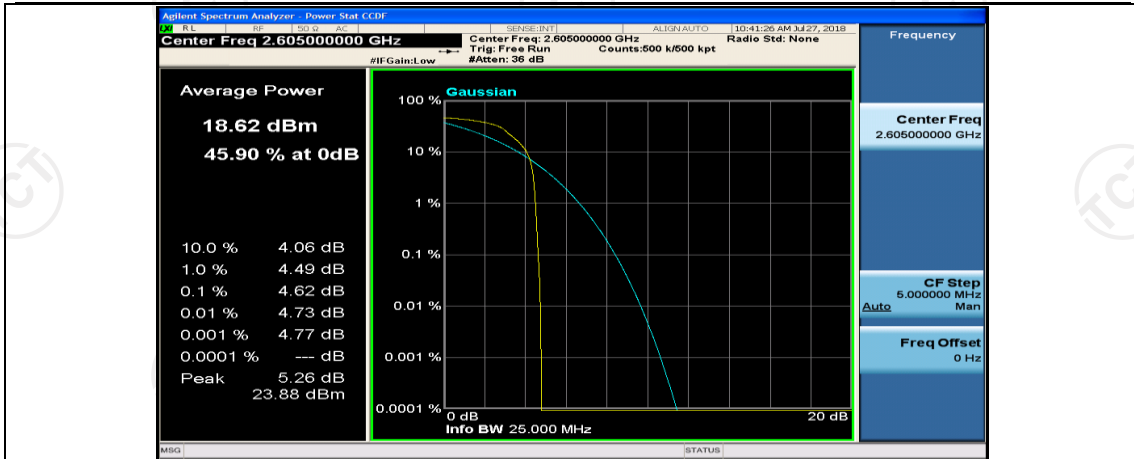
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0



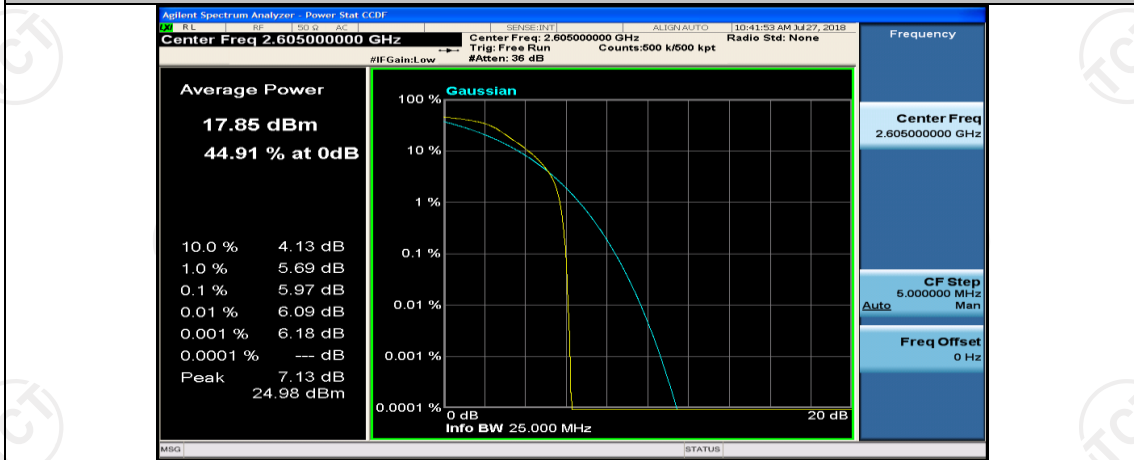
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37



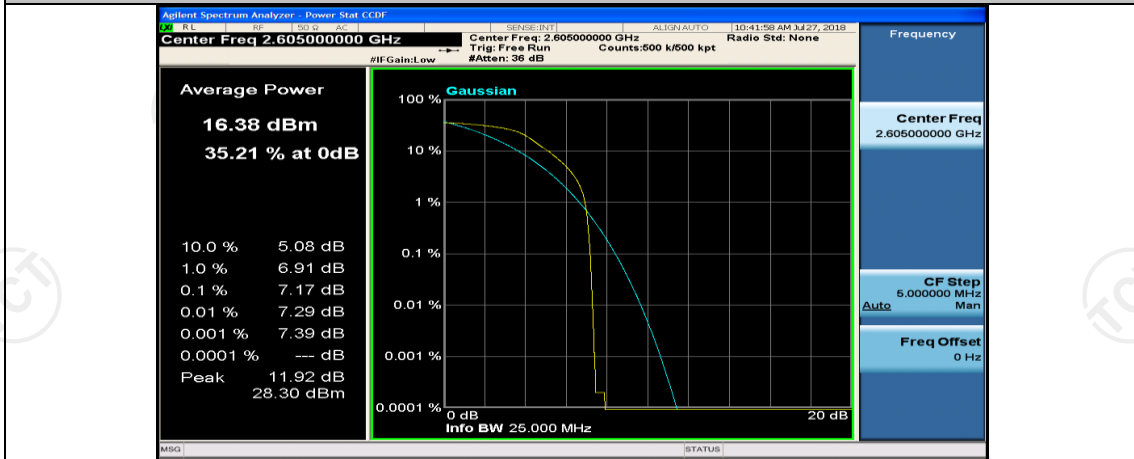
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74



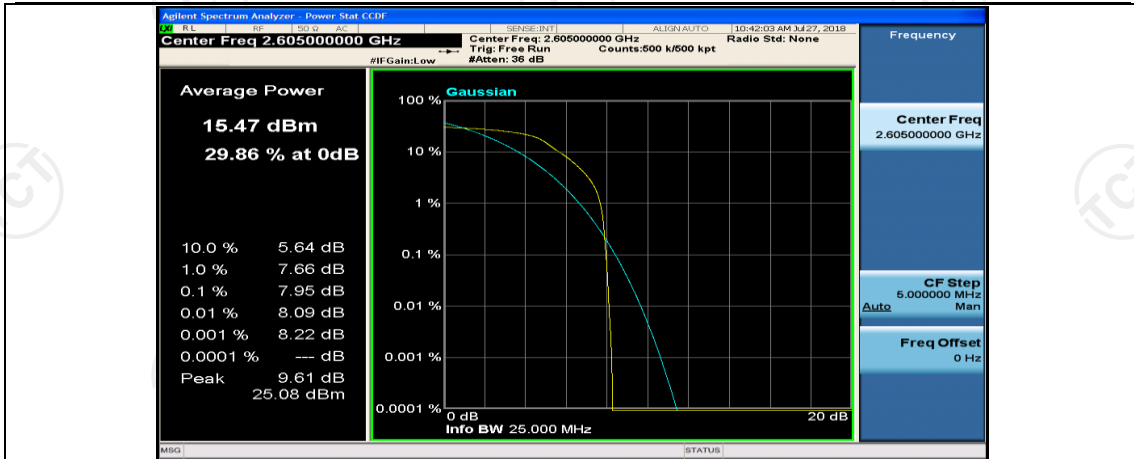
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#0



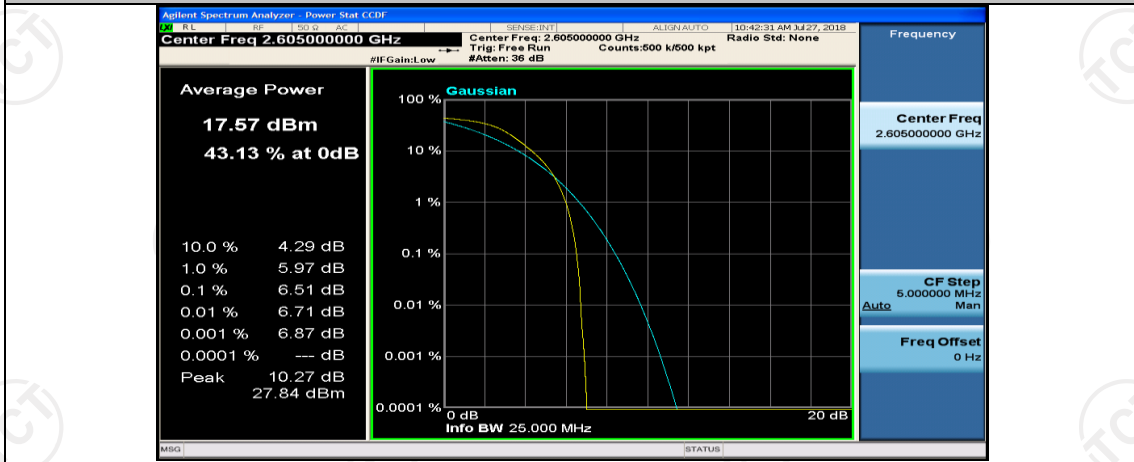
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#18



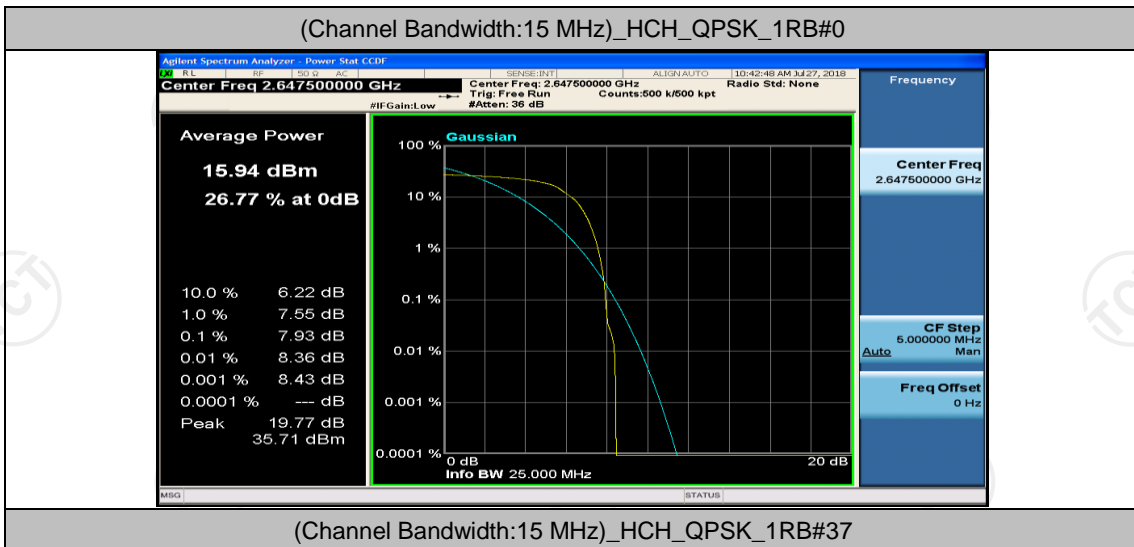
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#38



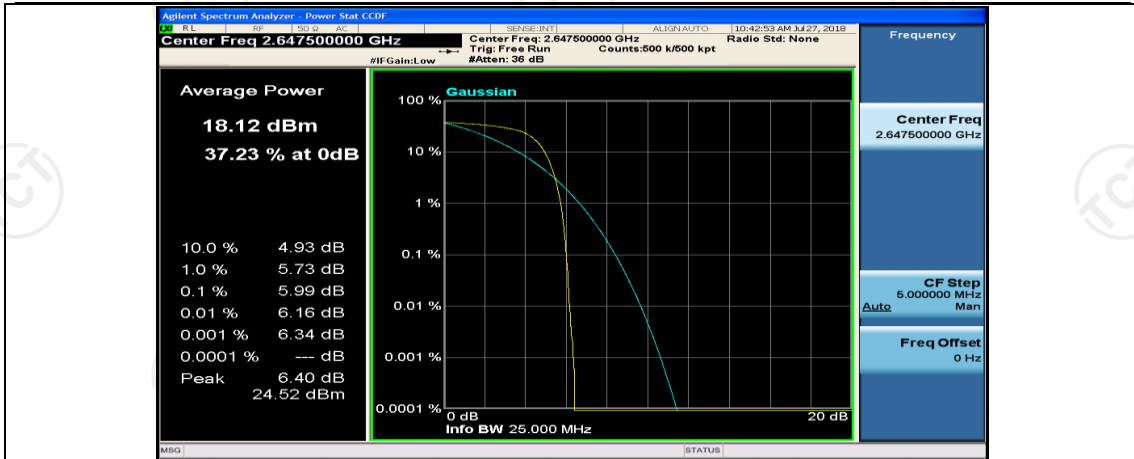
(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0



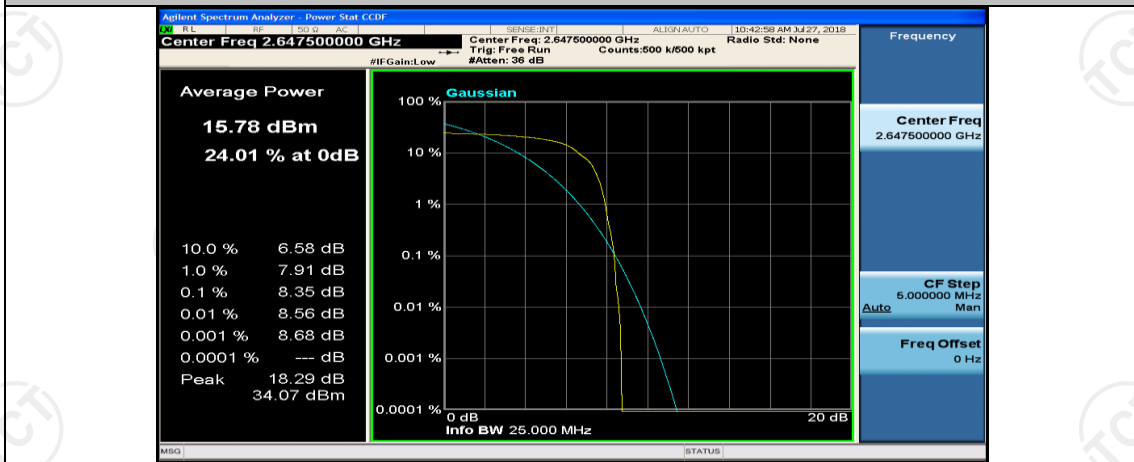
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0



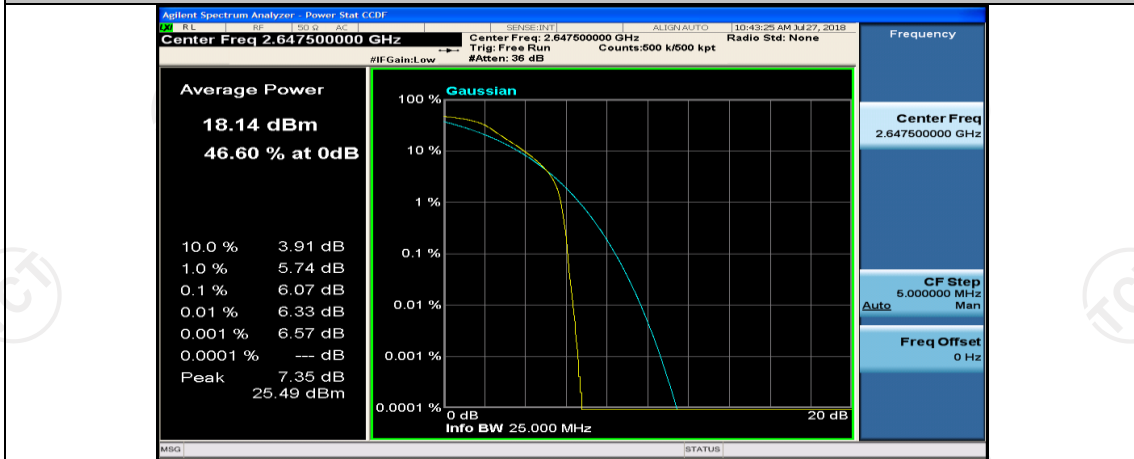
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37



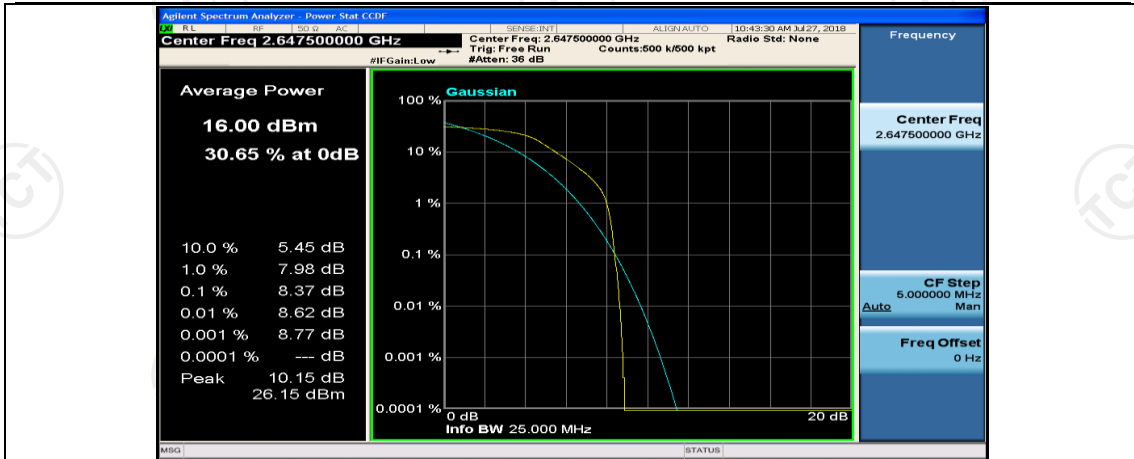
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#74



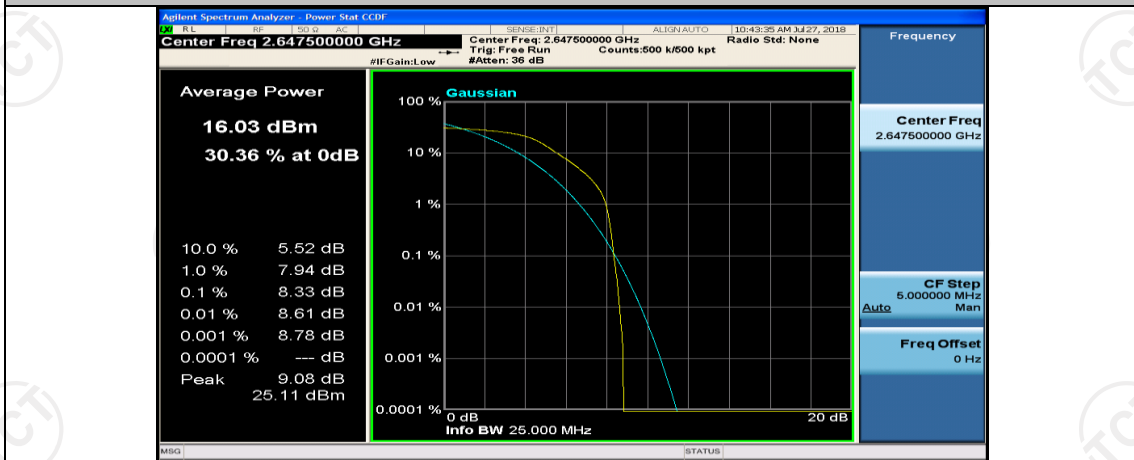
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#0



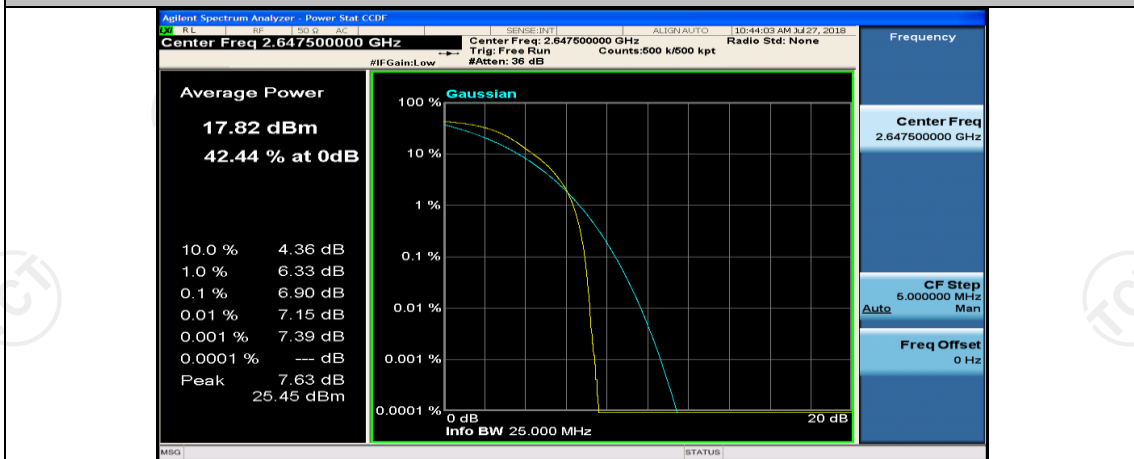
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#18



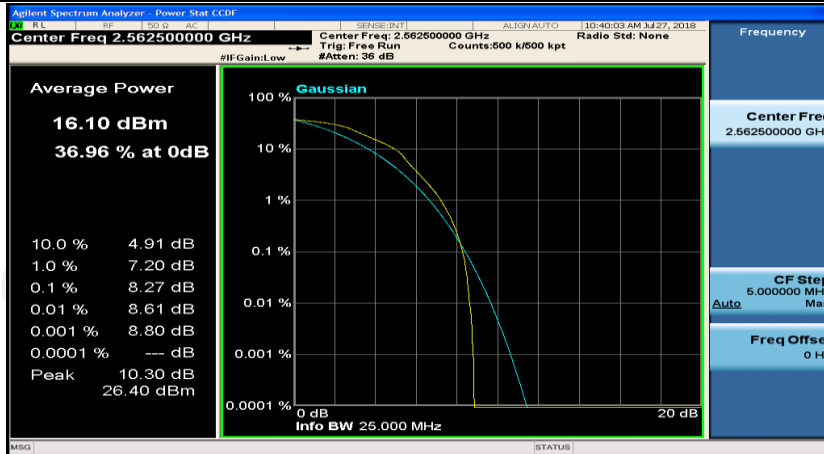
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#38



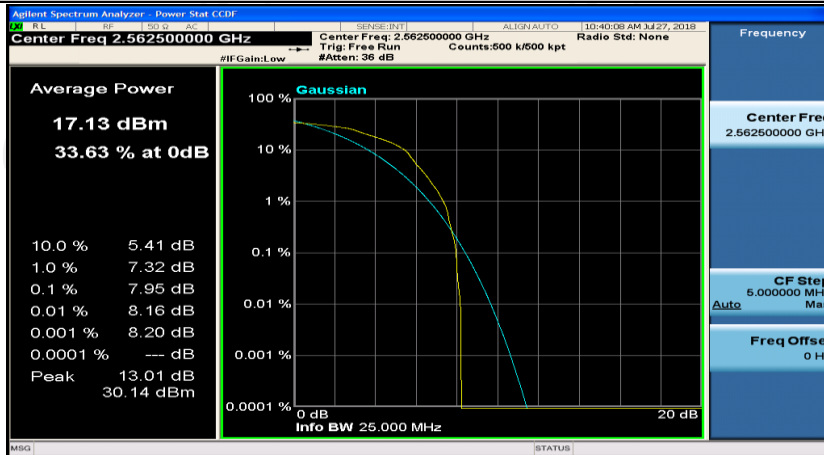
(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0



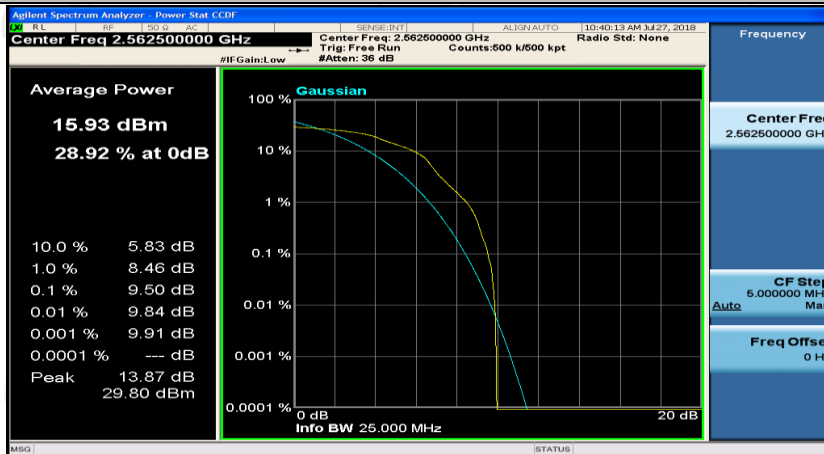
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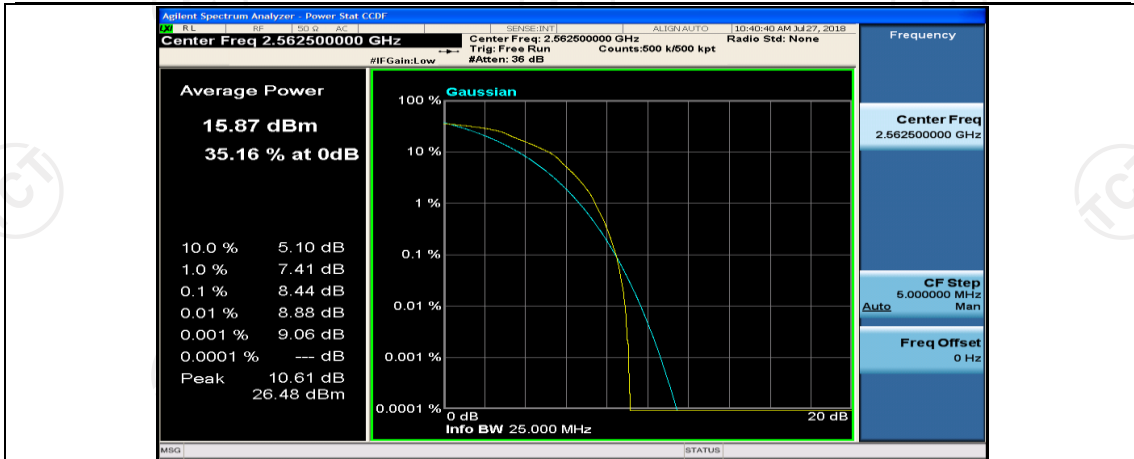
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#37



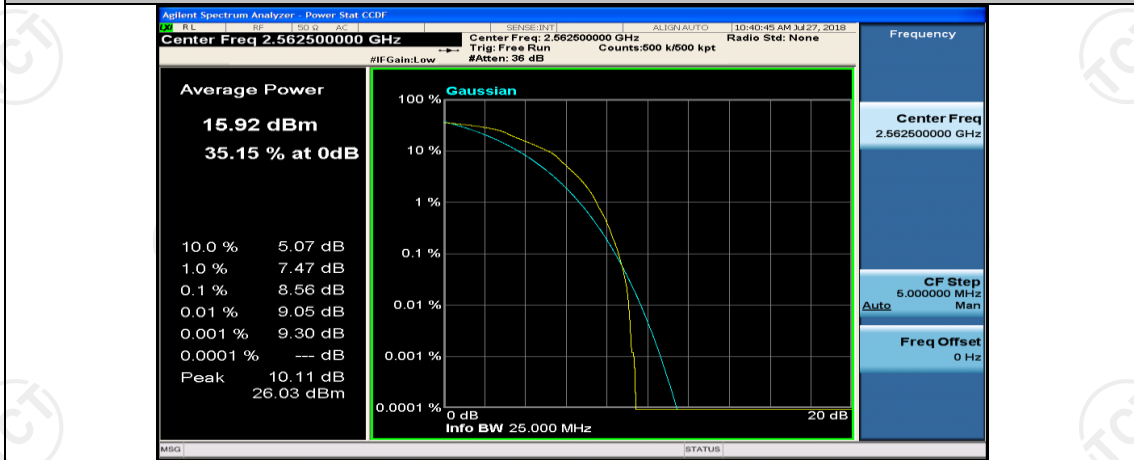
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#74



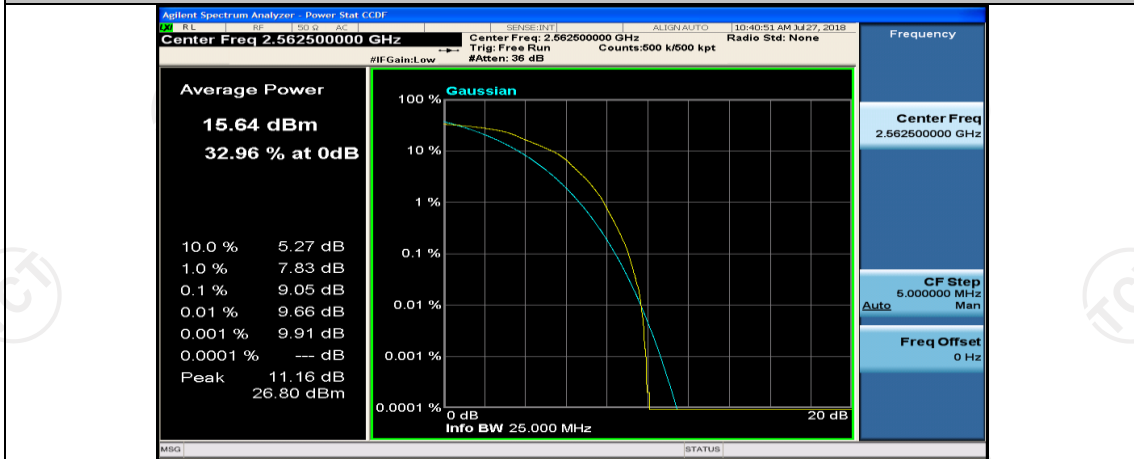
(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#0



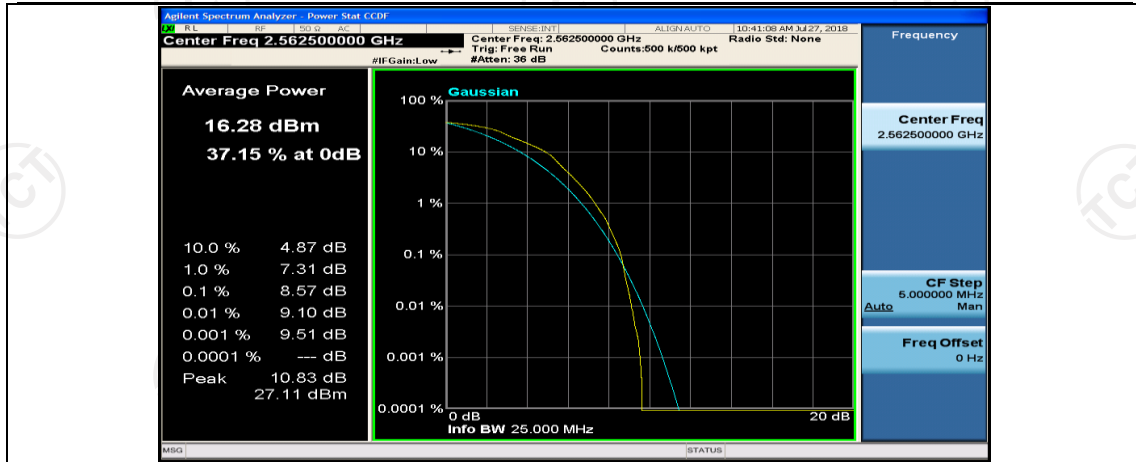
(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#18



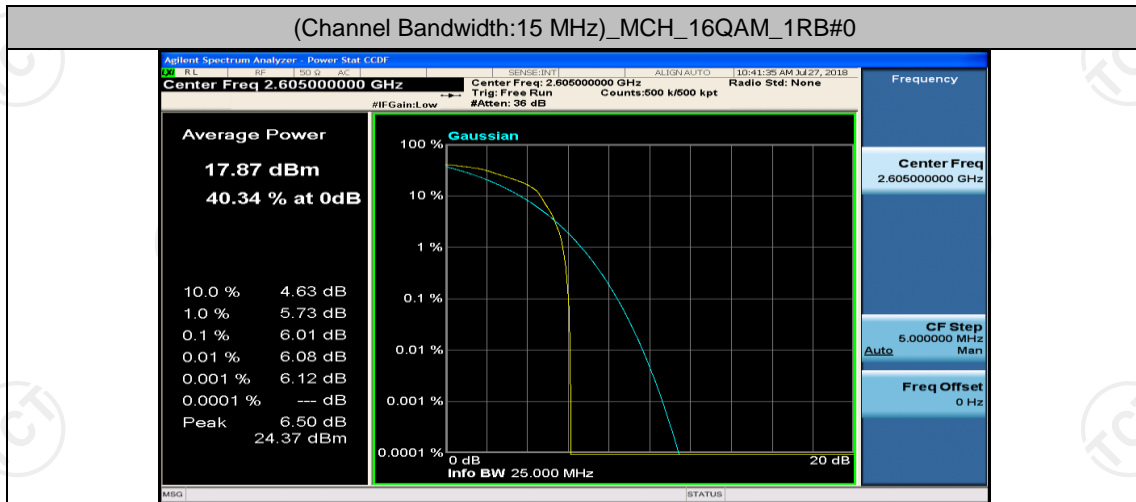
(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#38



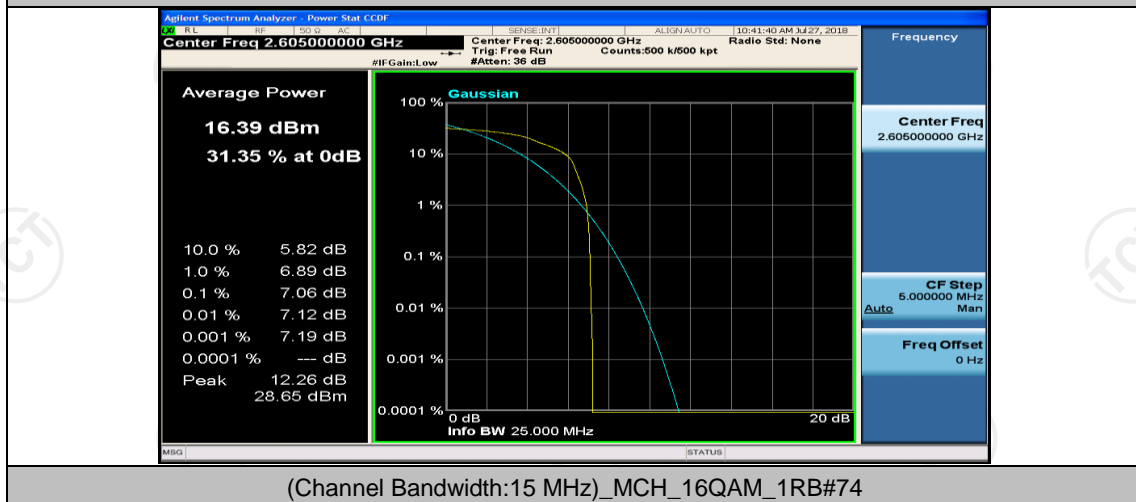
(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0



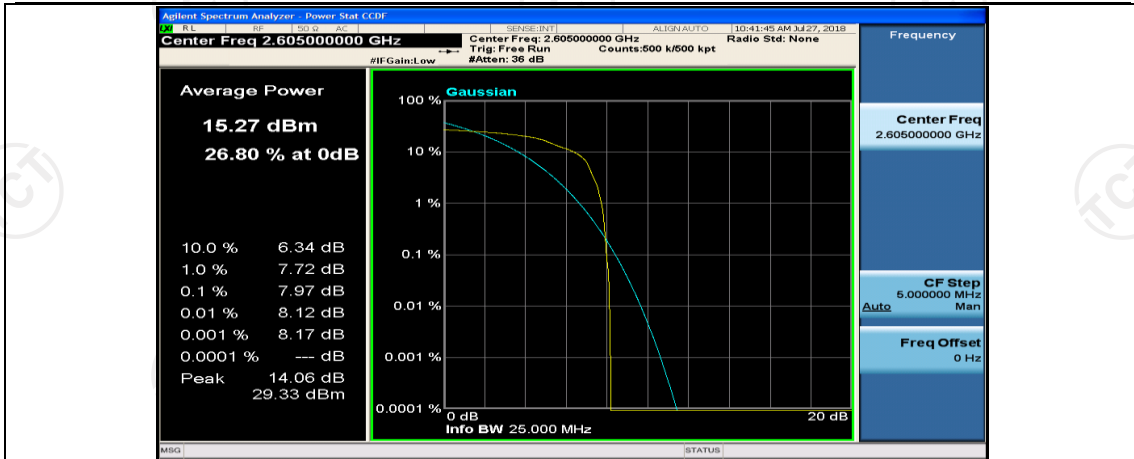
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0



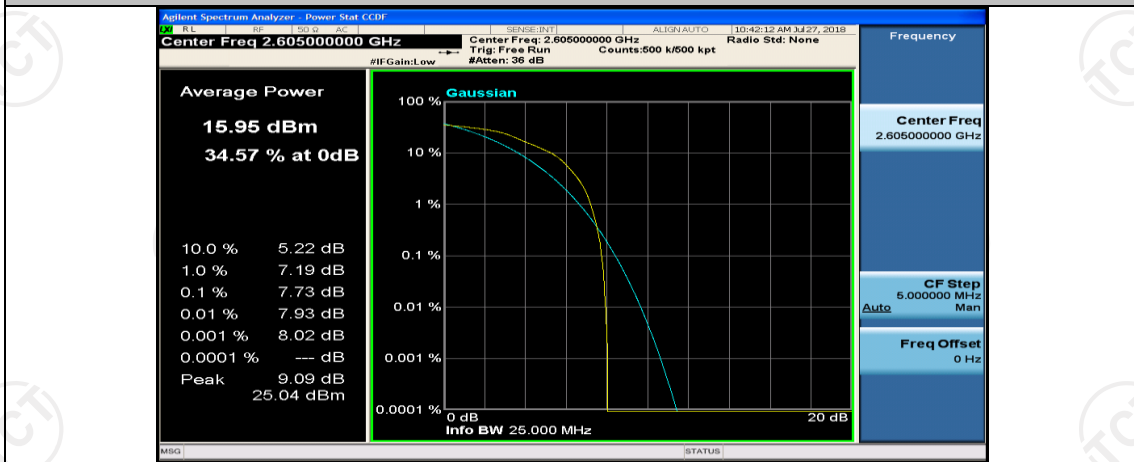
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37



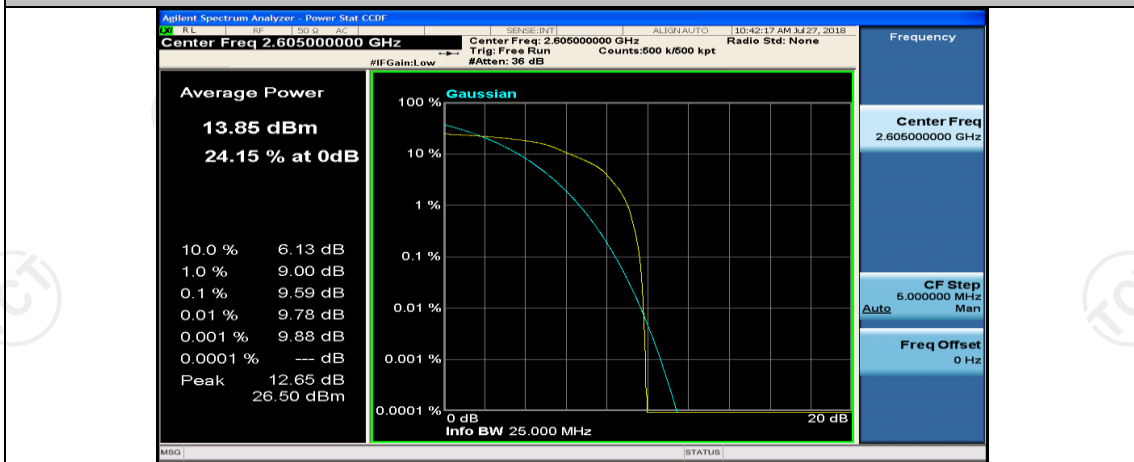
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#74



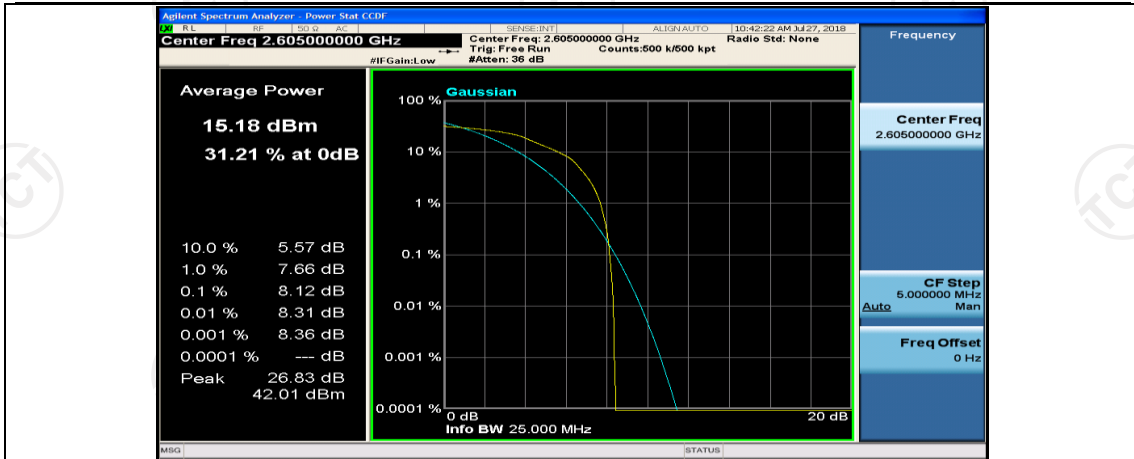
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#0



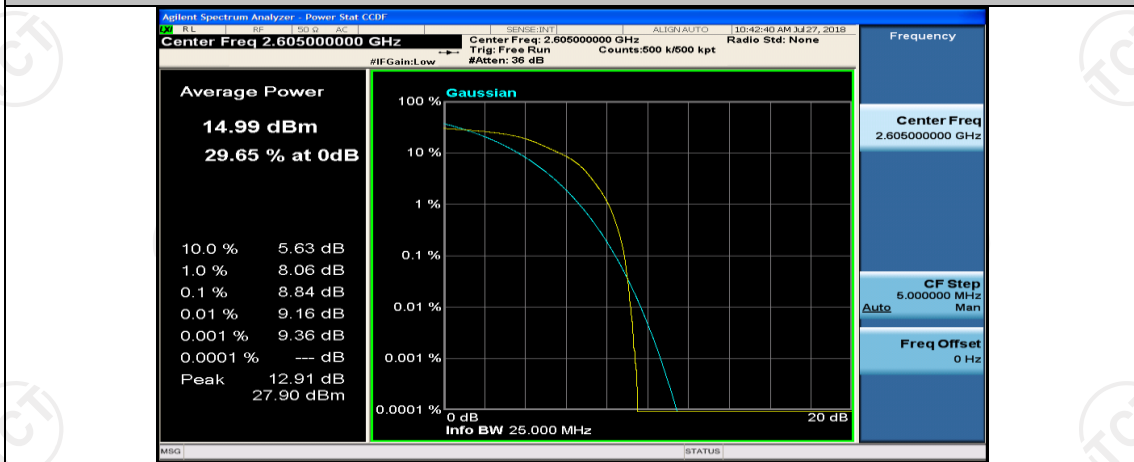
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#18



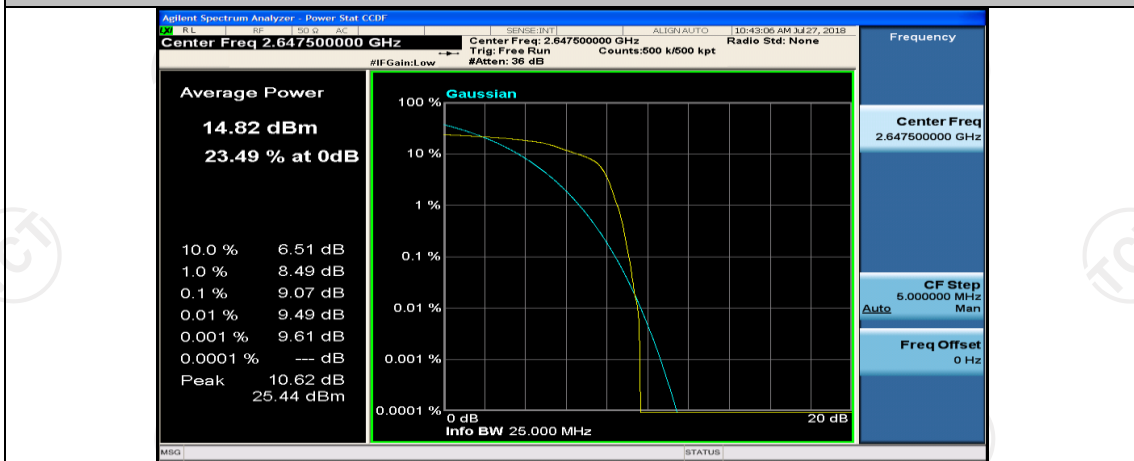
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#38



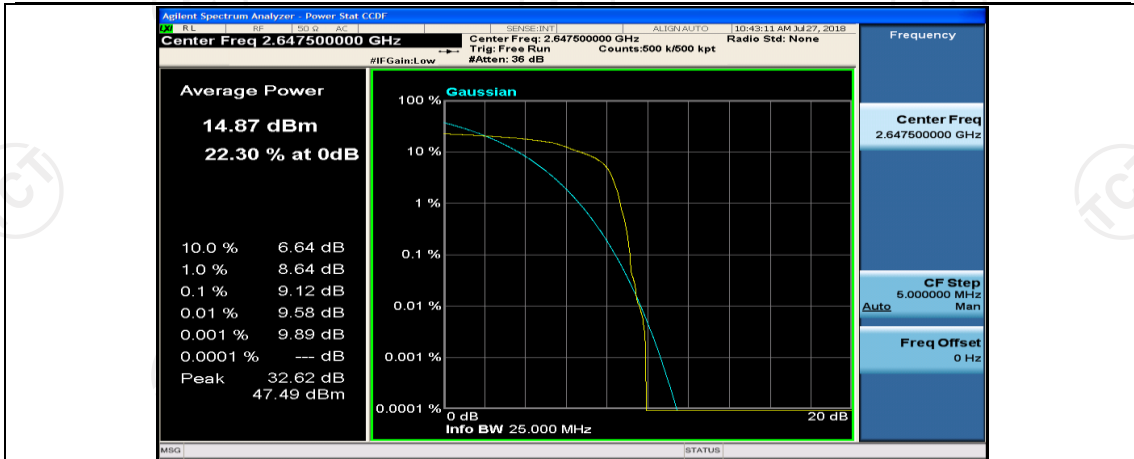
(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0



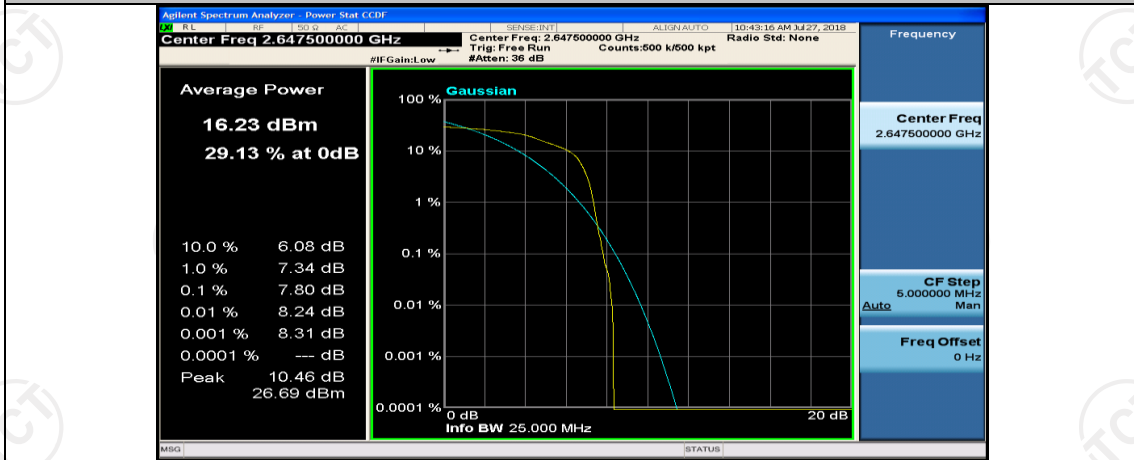
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0



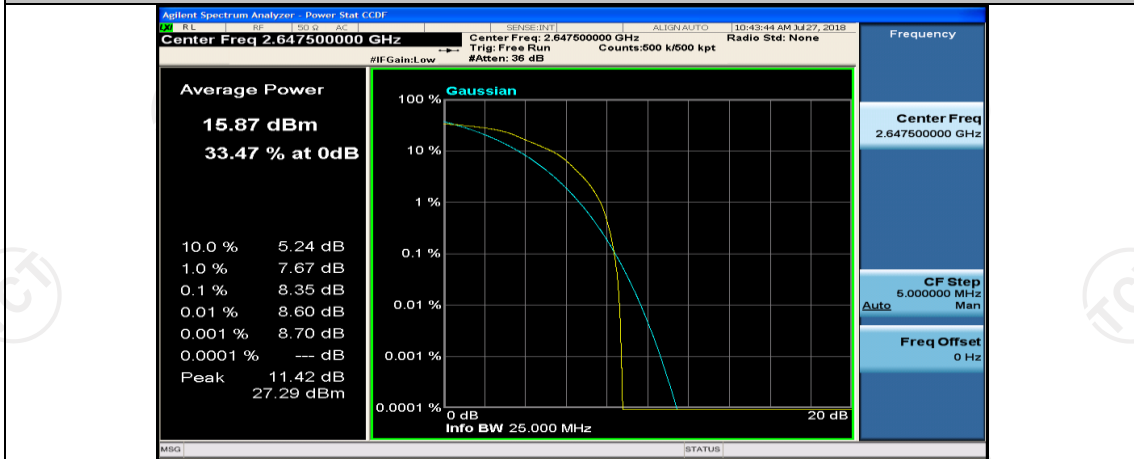
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37



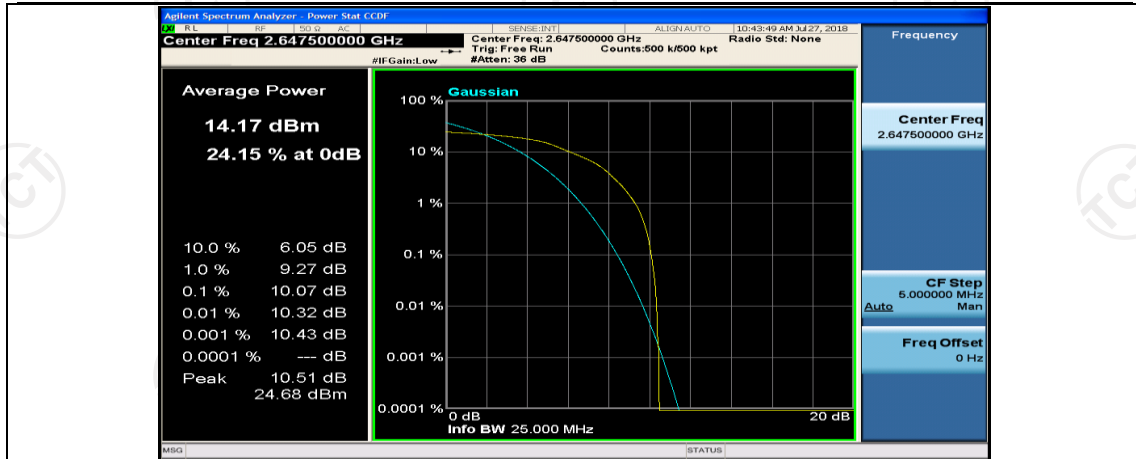
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#74



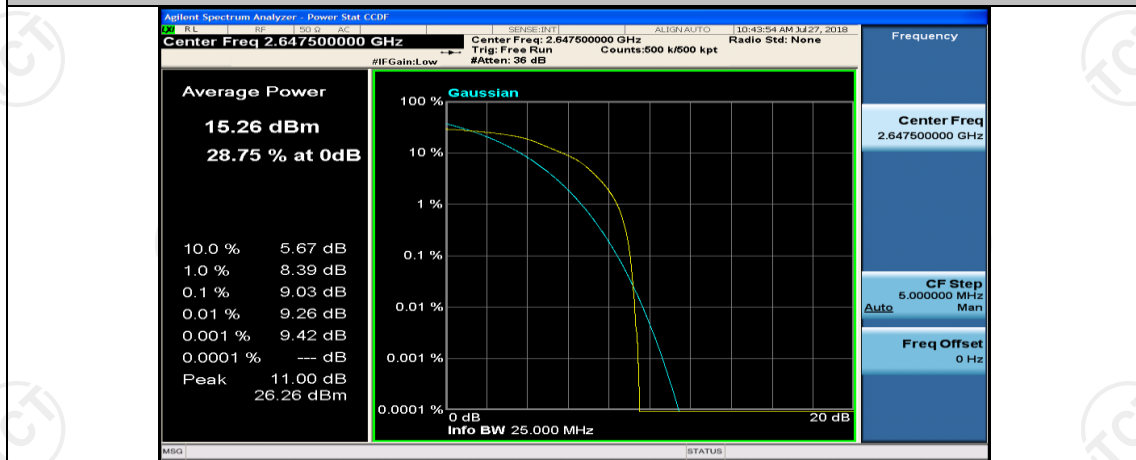
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#0



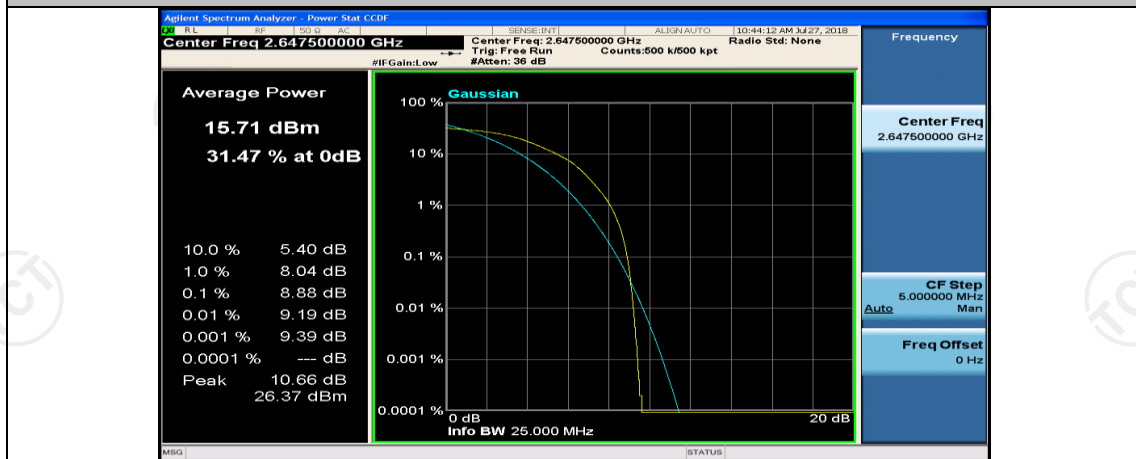
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#18



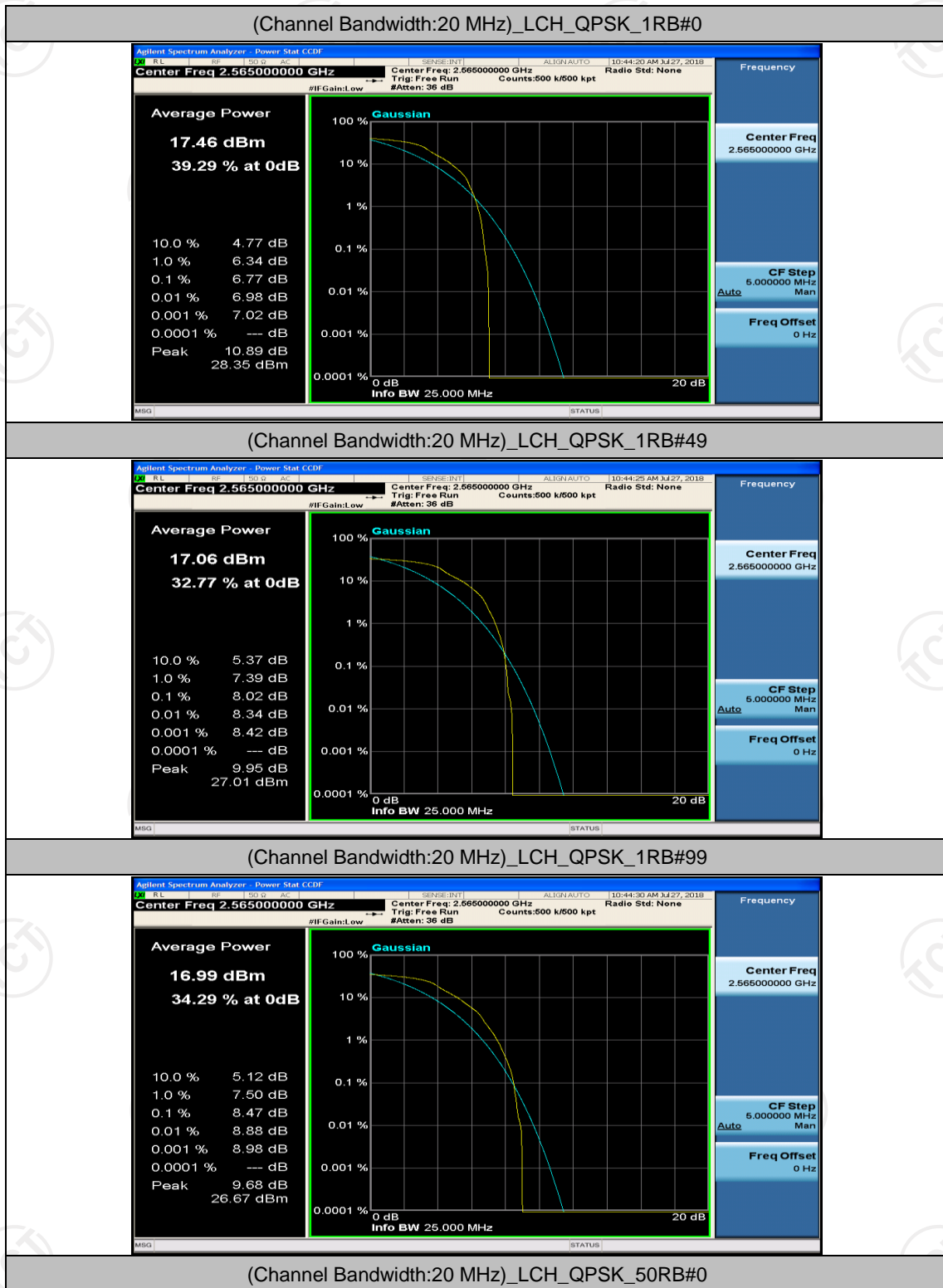
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#38

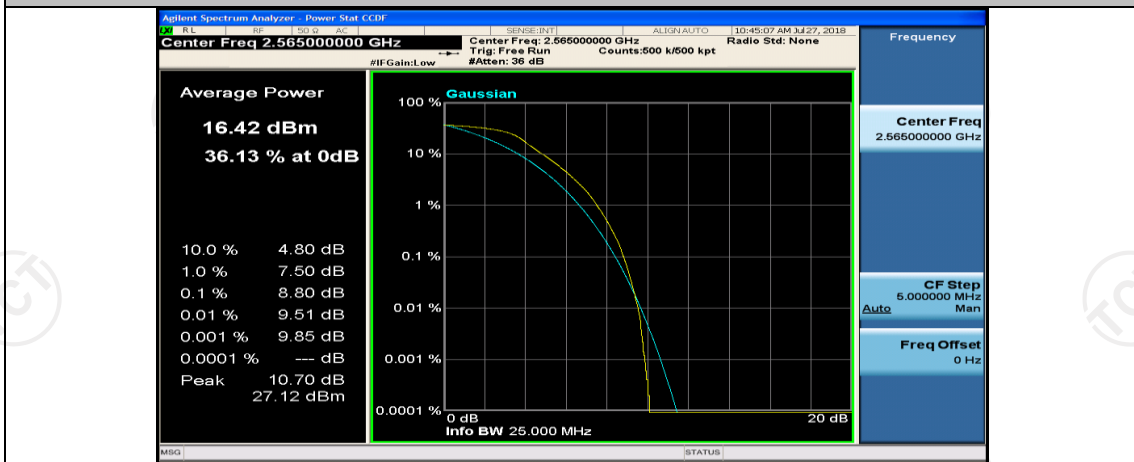
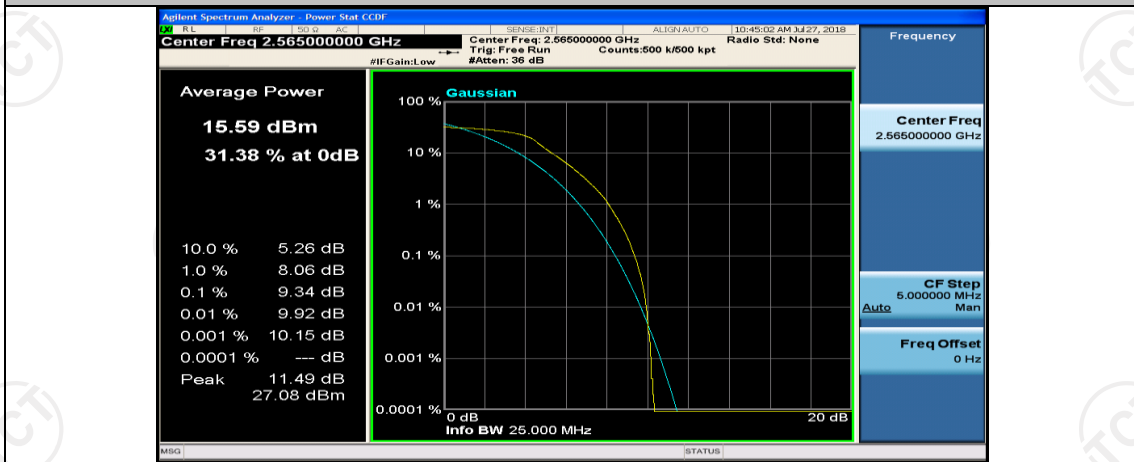
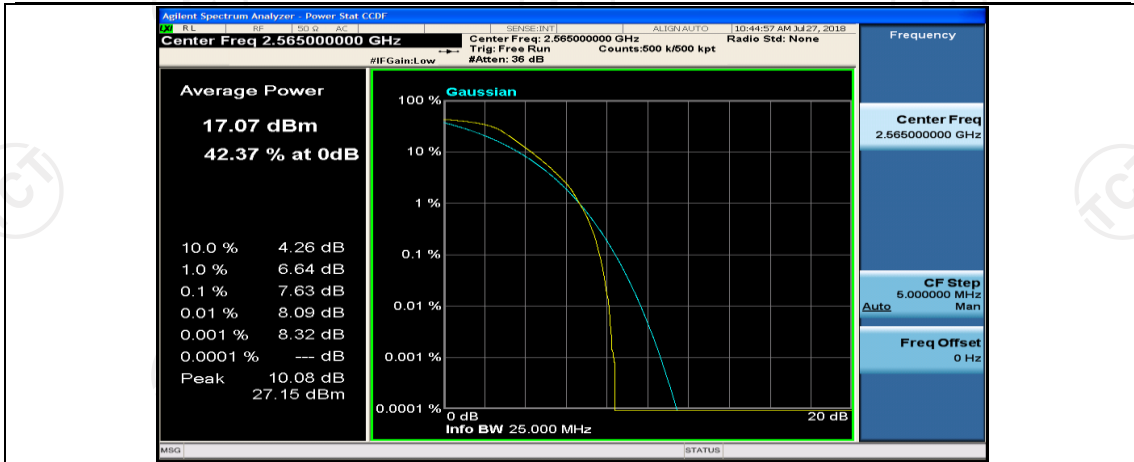


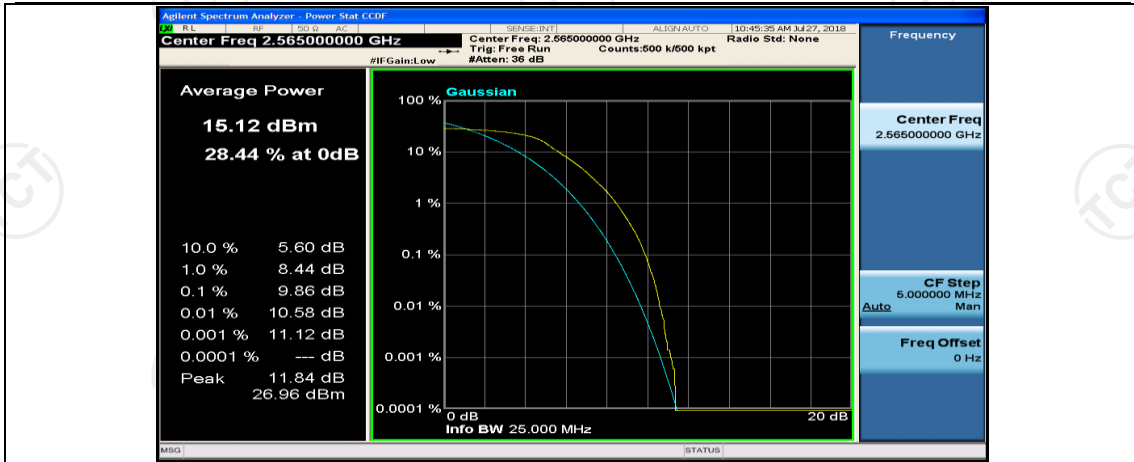
(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0



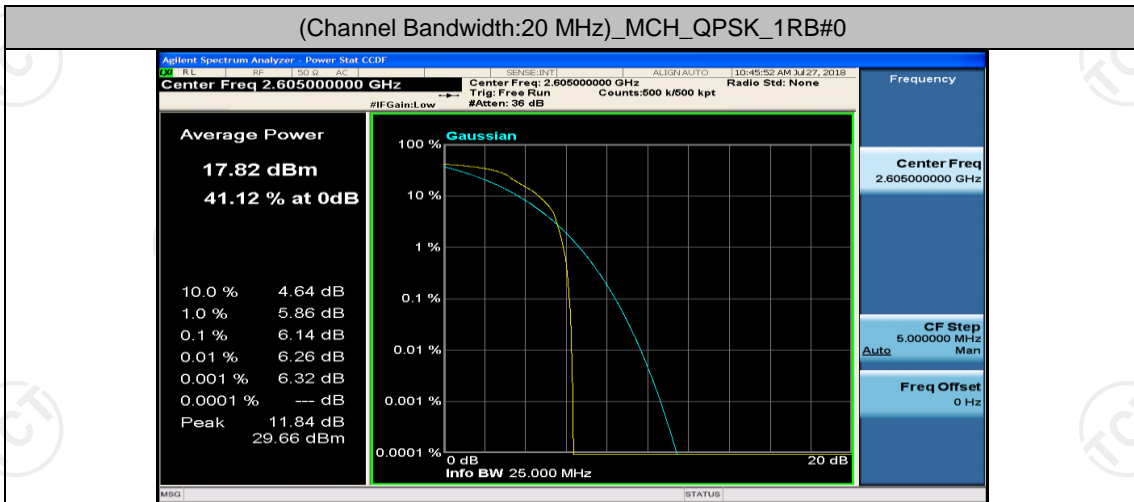
Channel Bandwidth: 20 MHz



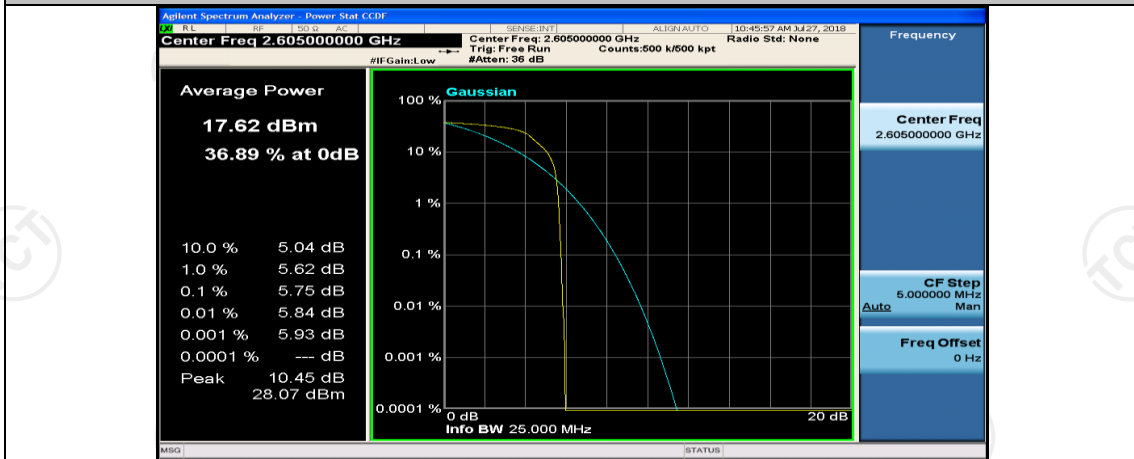




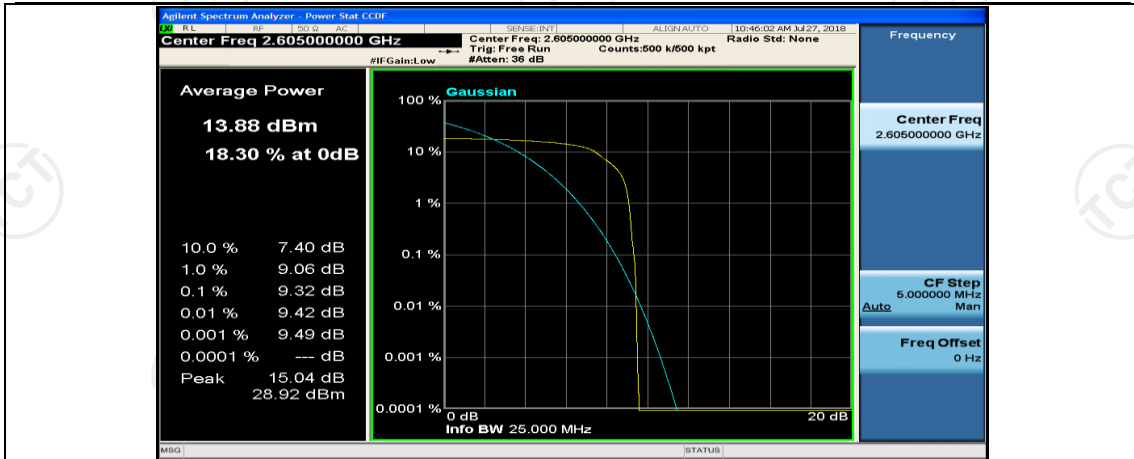
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0



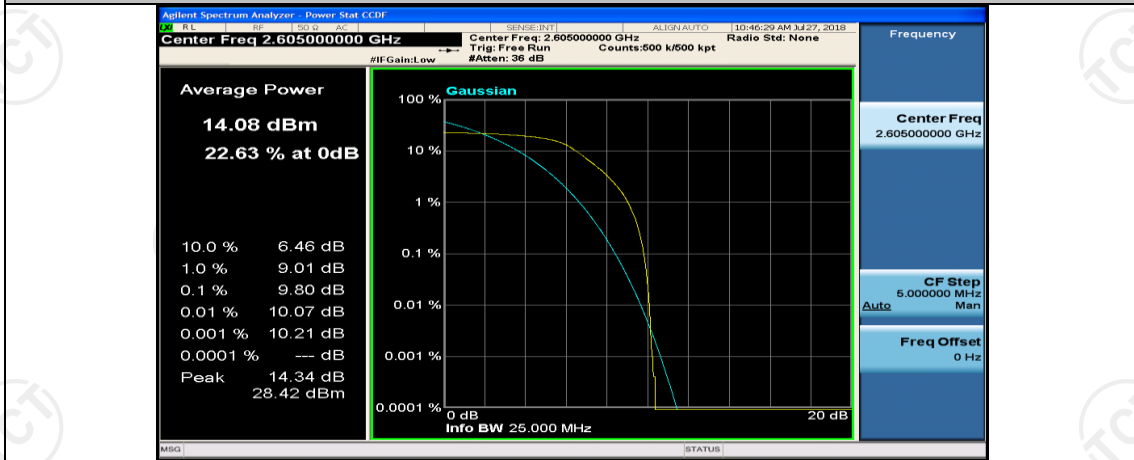
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49



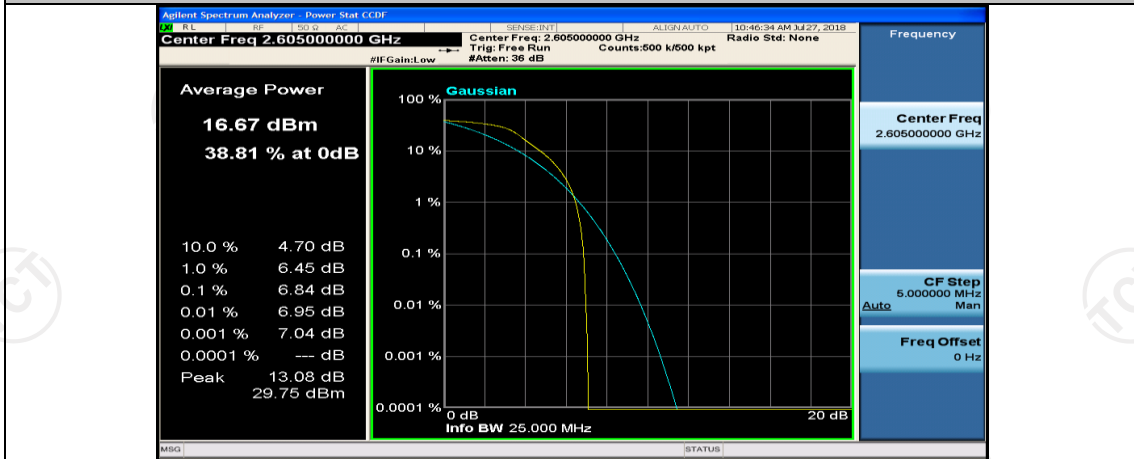
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#99



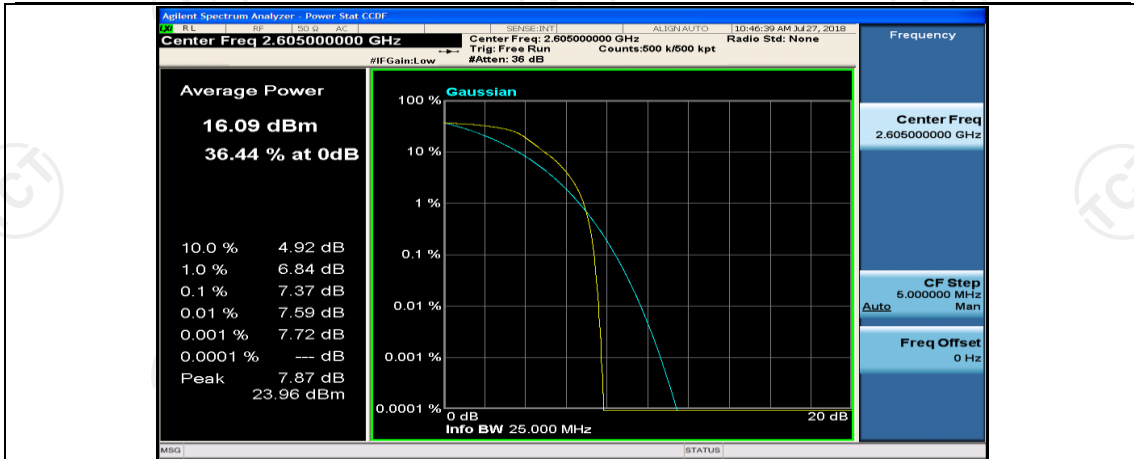
(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#0



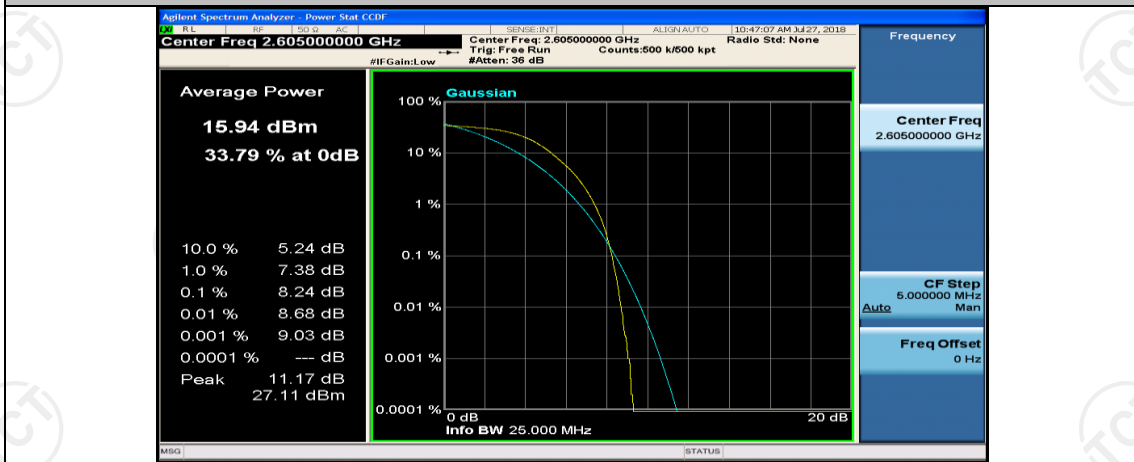
(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#25



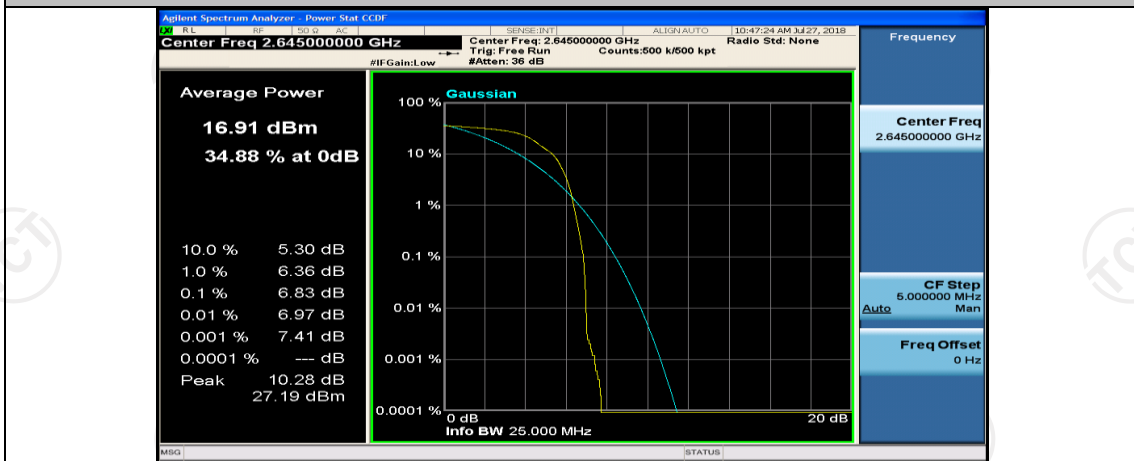
(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#50



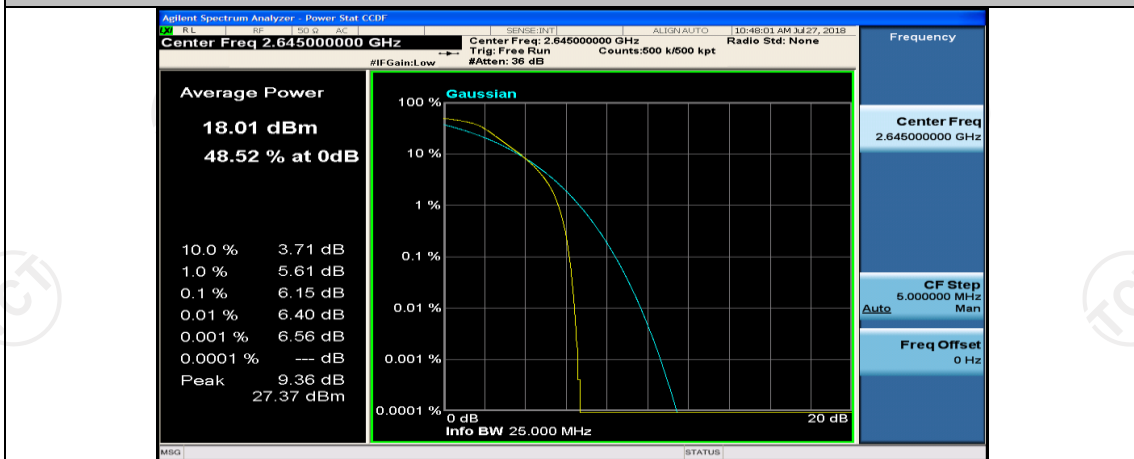
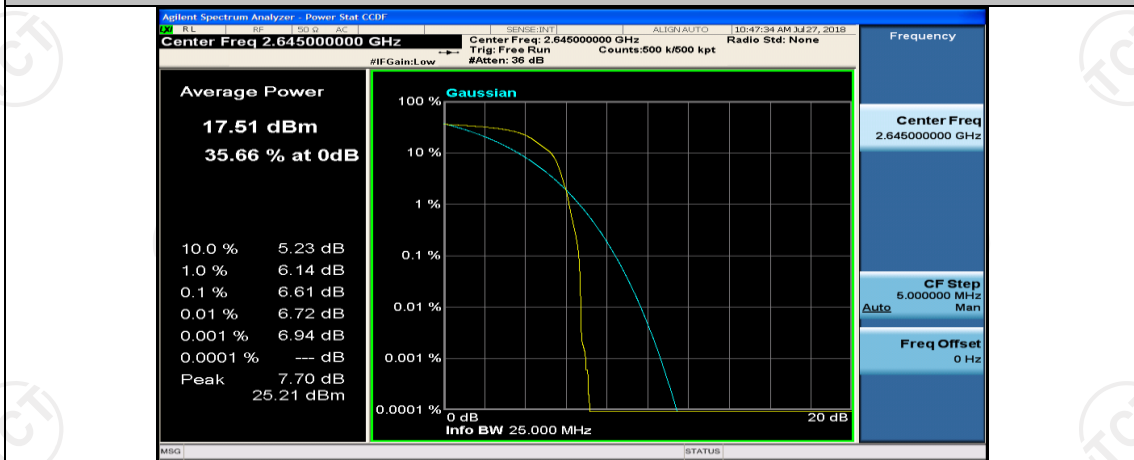
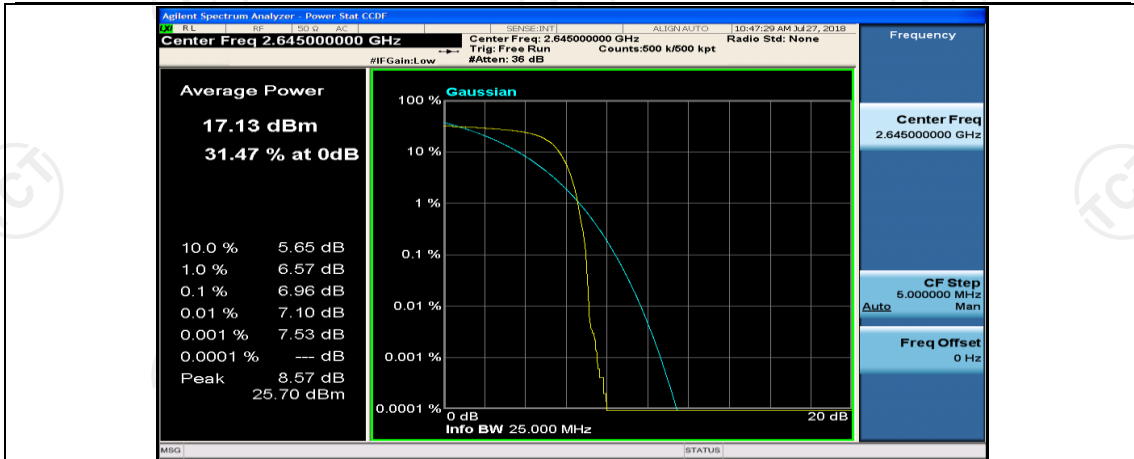
(Channel Bandwidth:20 MHz)_MCH_QPSK_100RB#0

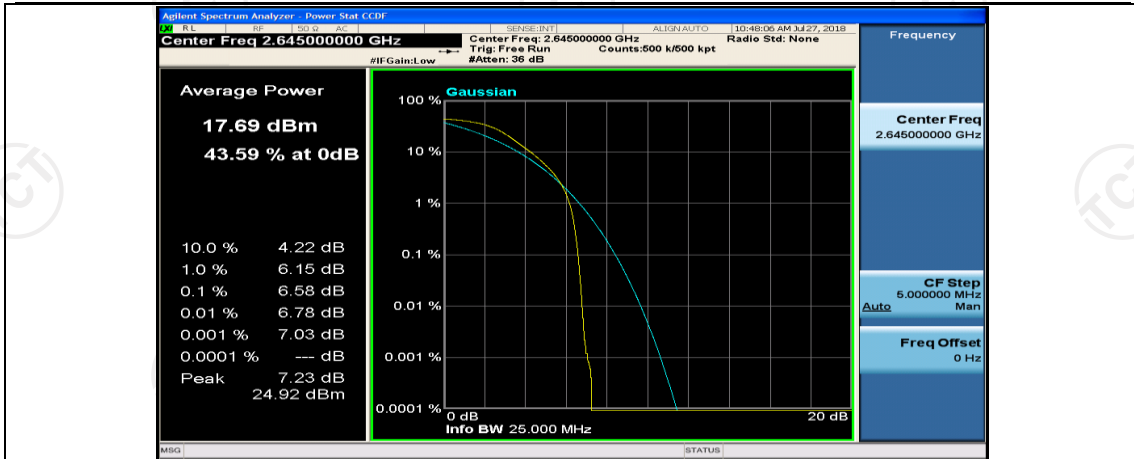


(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0

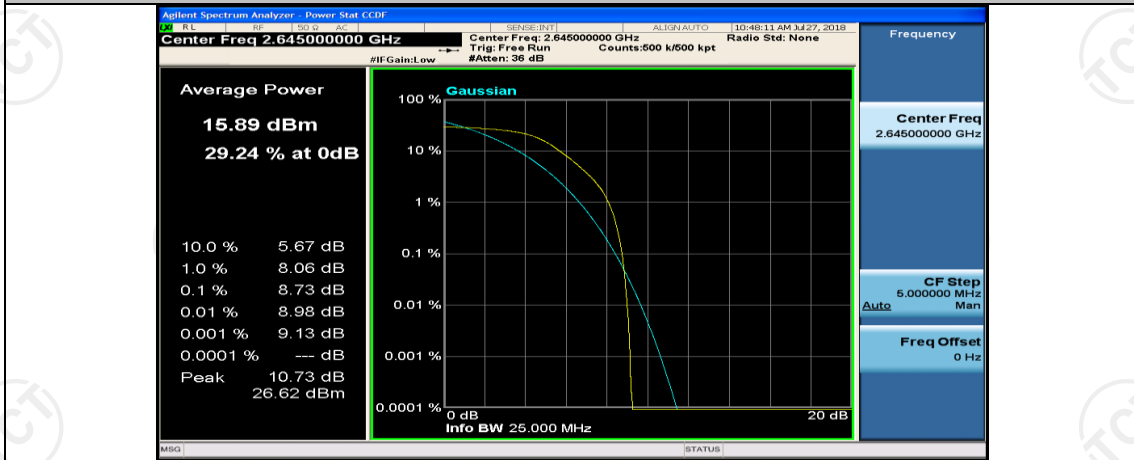


(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49

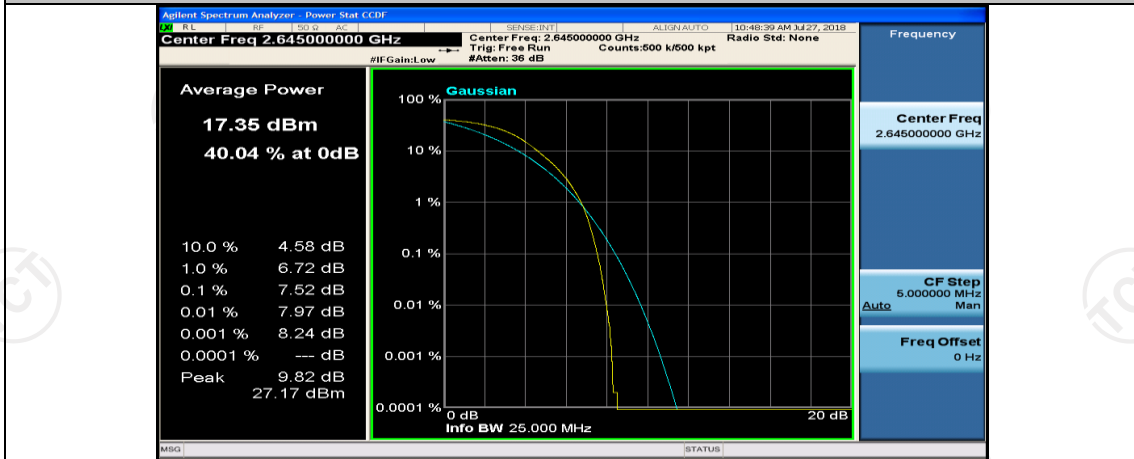




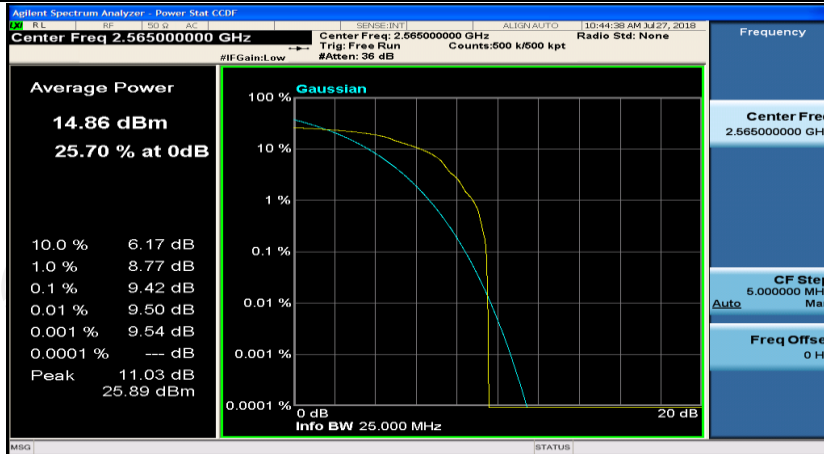
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#50



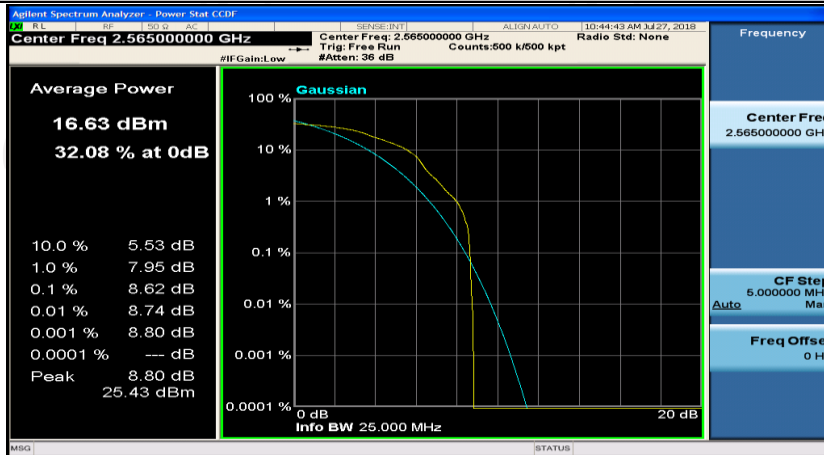
(Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0



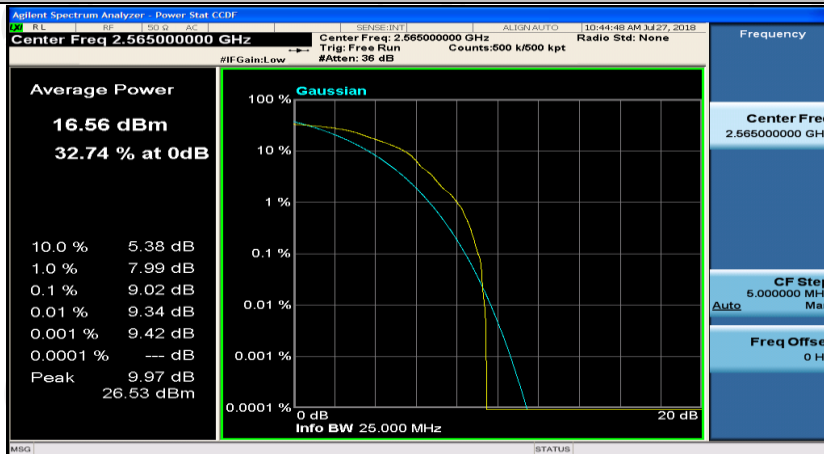
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0



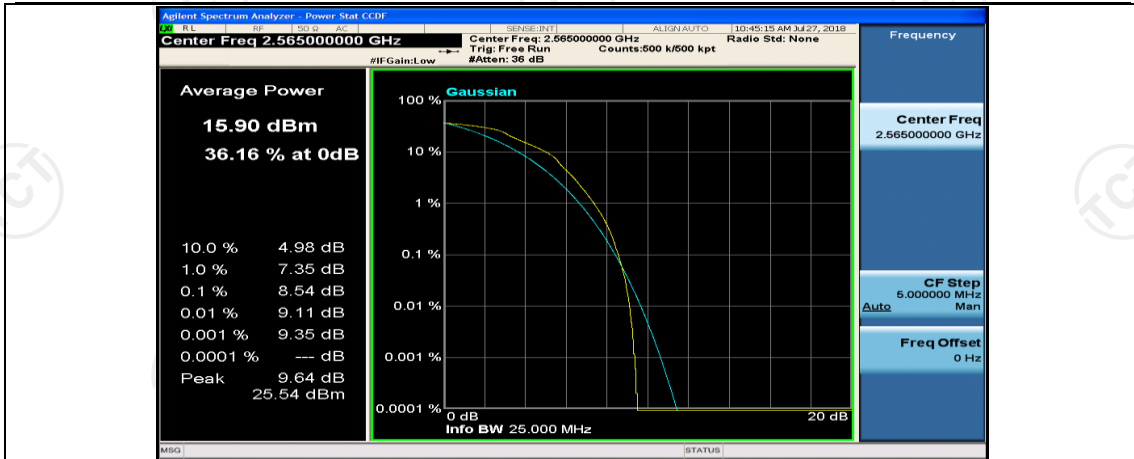
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#49



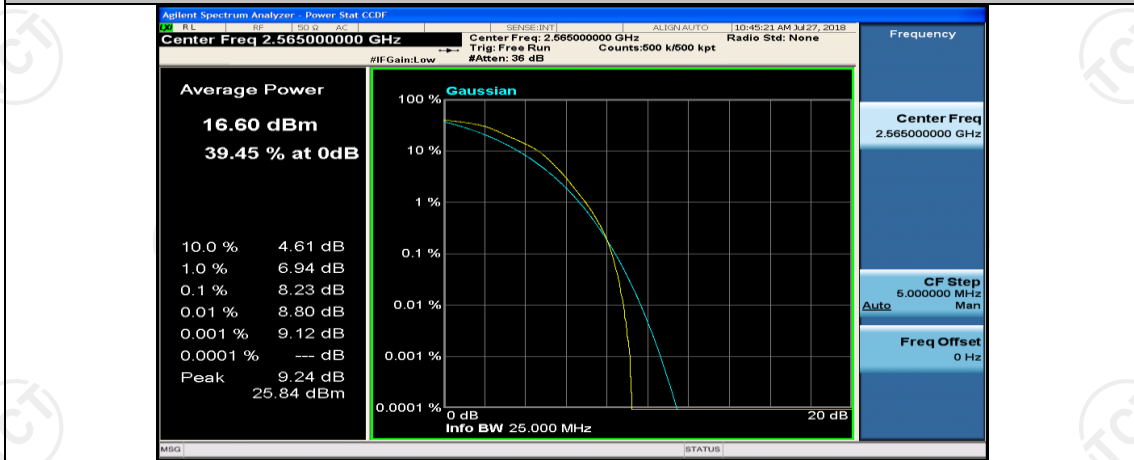
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#99



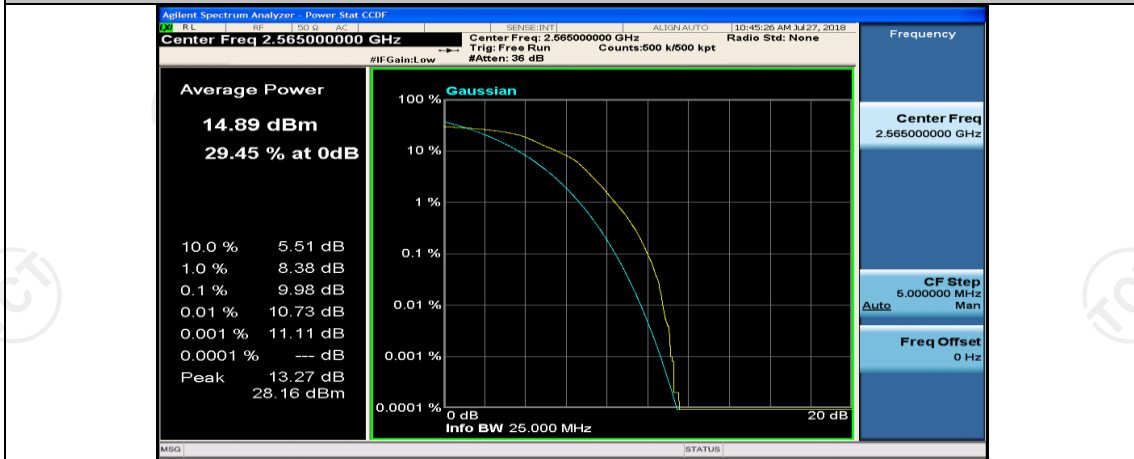
(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#0



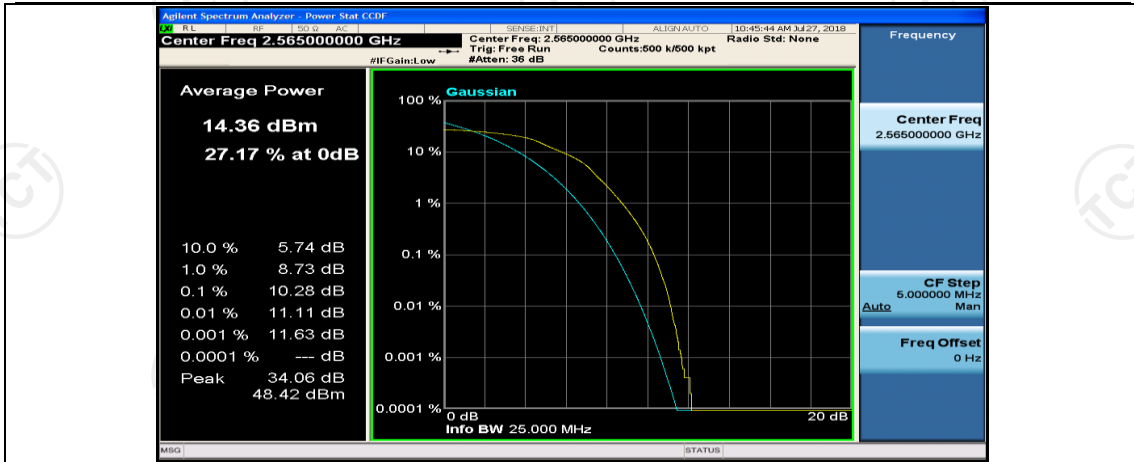
(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#25



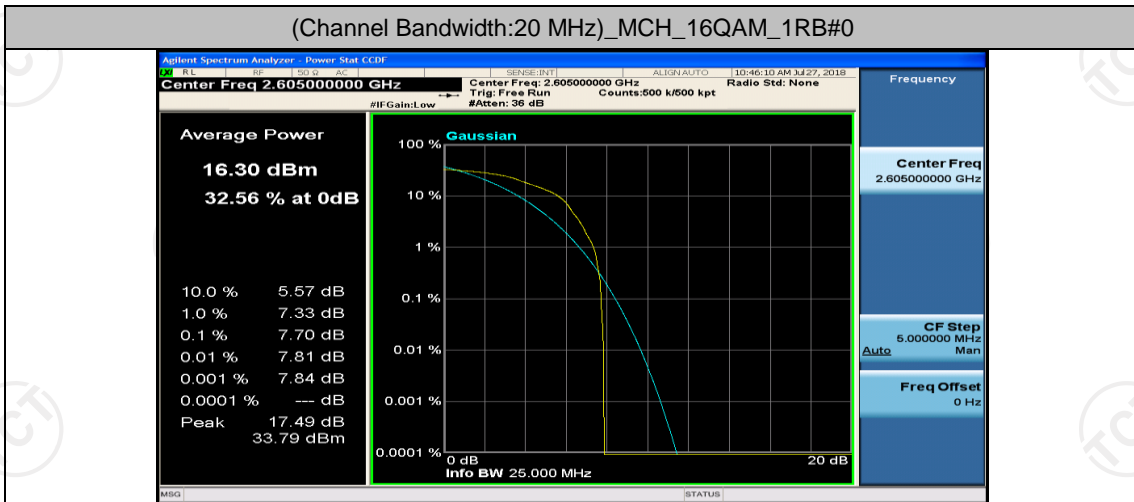
(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#50



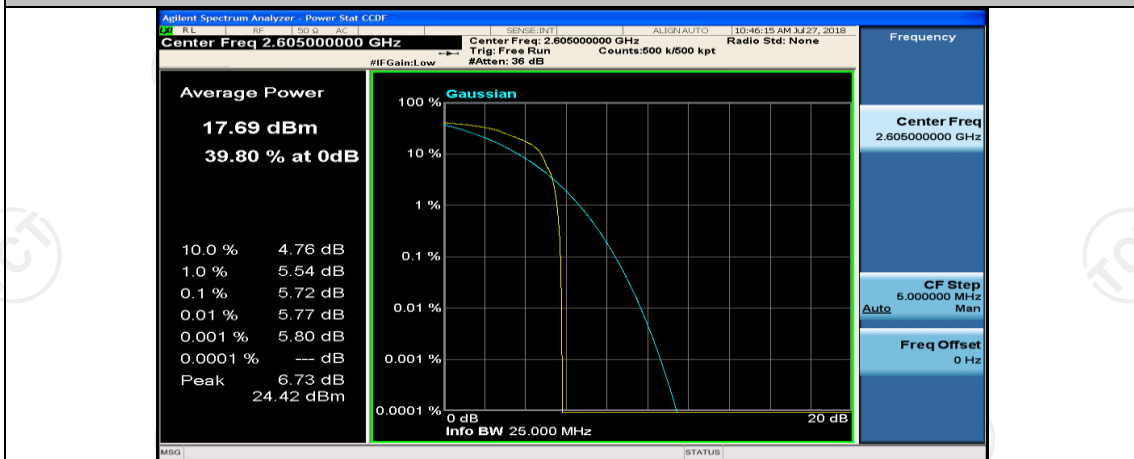
(Channel Bandwidth:20 MHz)_LCH_16QAM_100RB#0



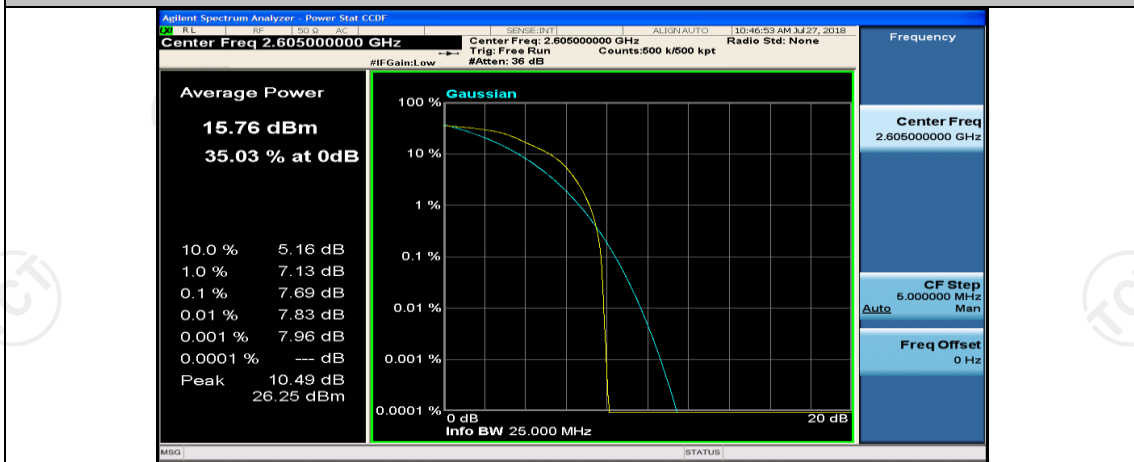
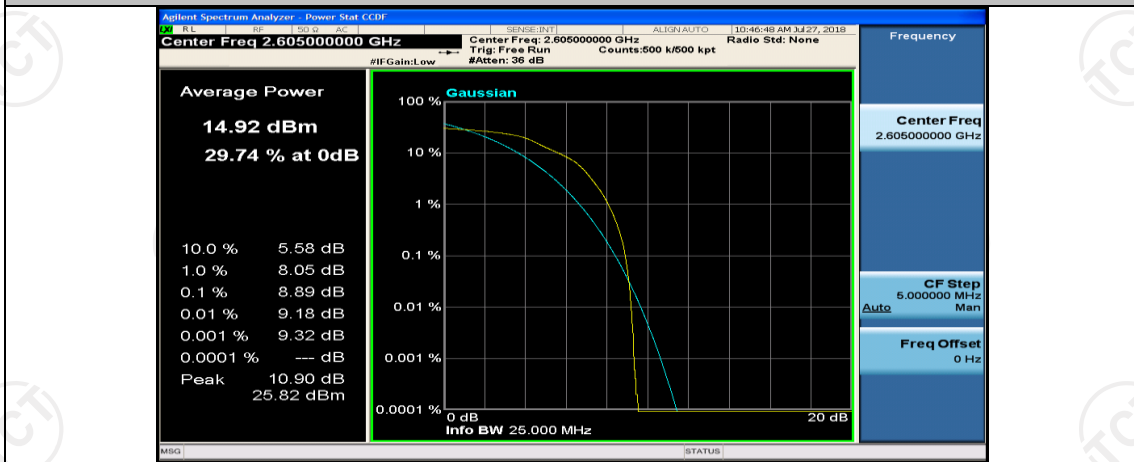
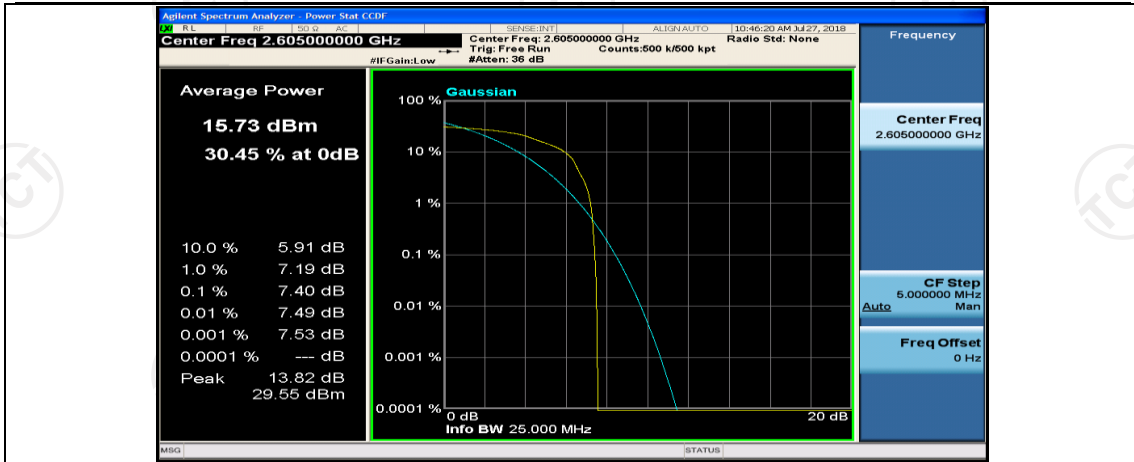
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0

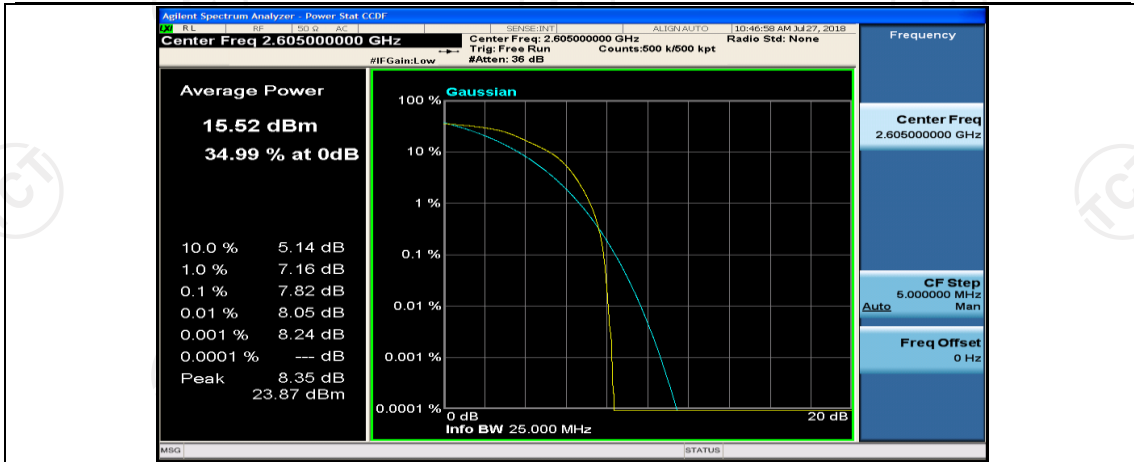


(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49

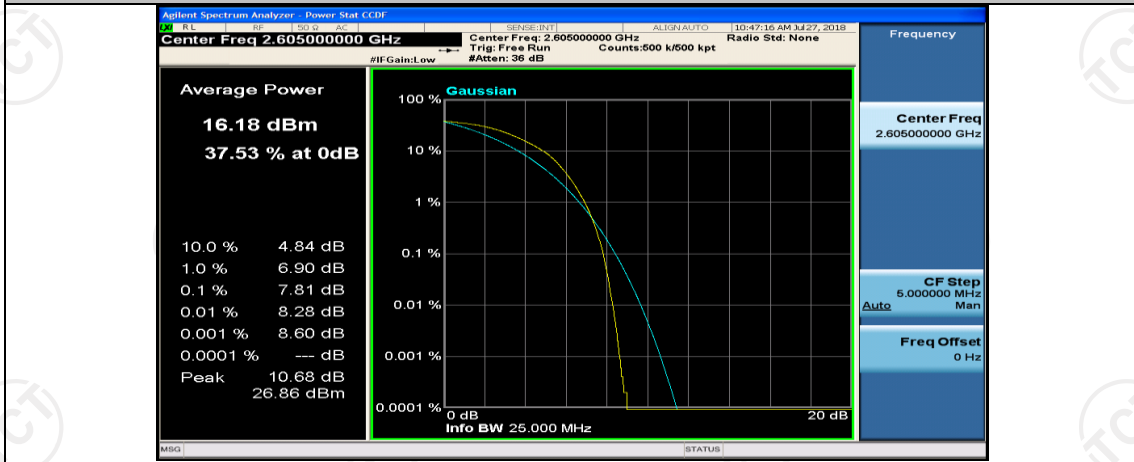


(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#99

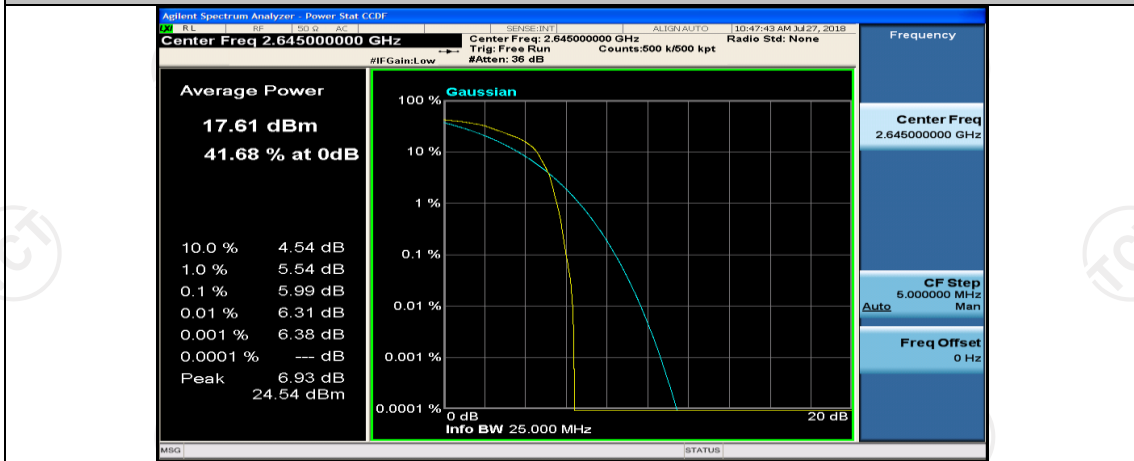




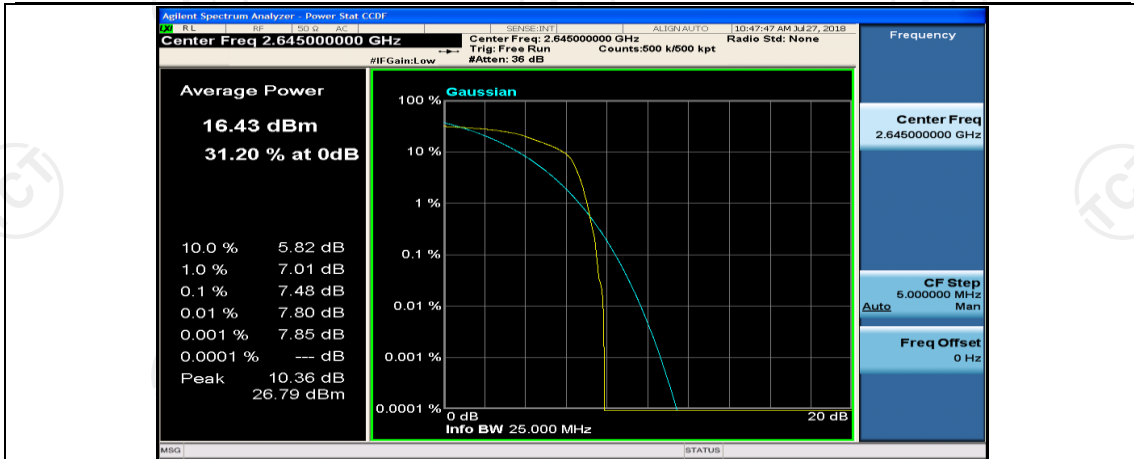
(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0



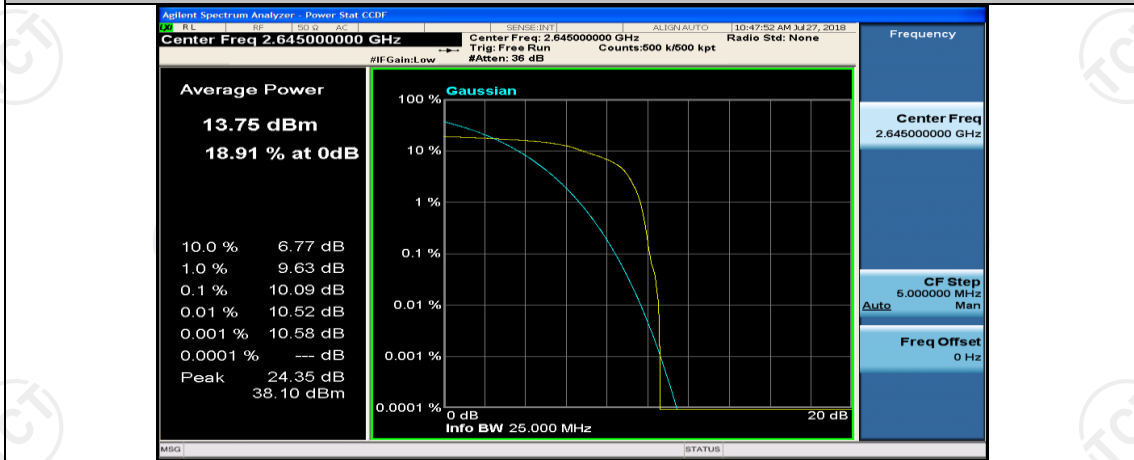
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0



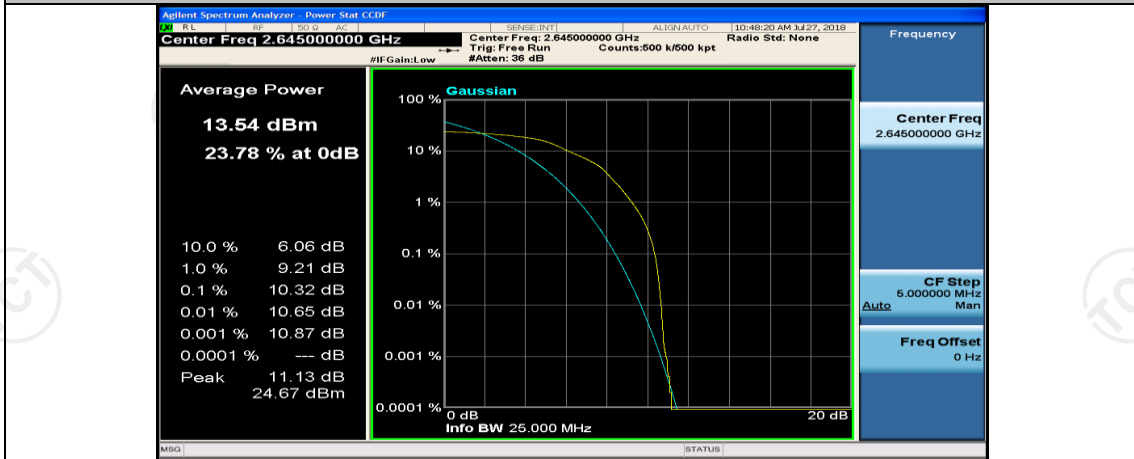
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#49



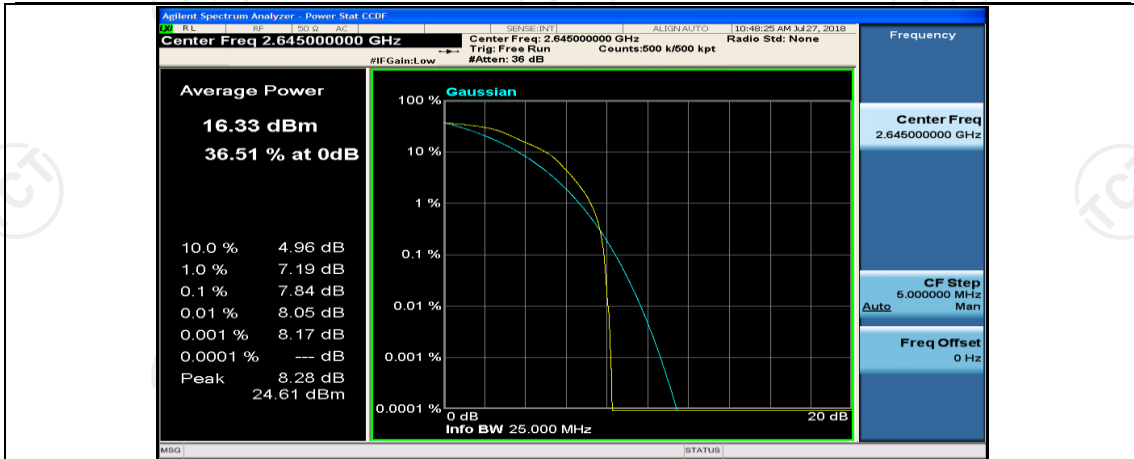
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#99



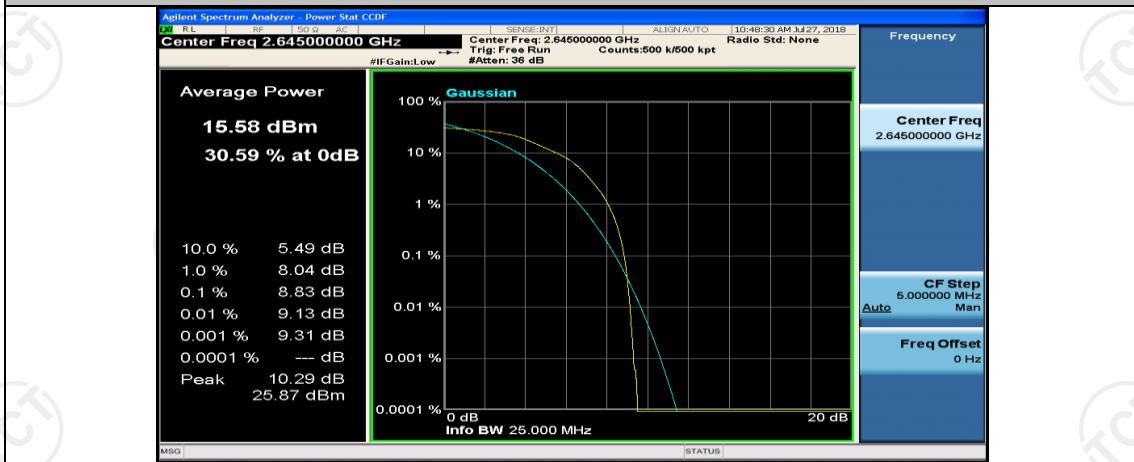
(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#0



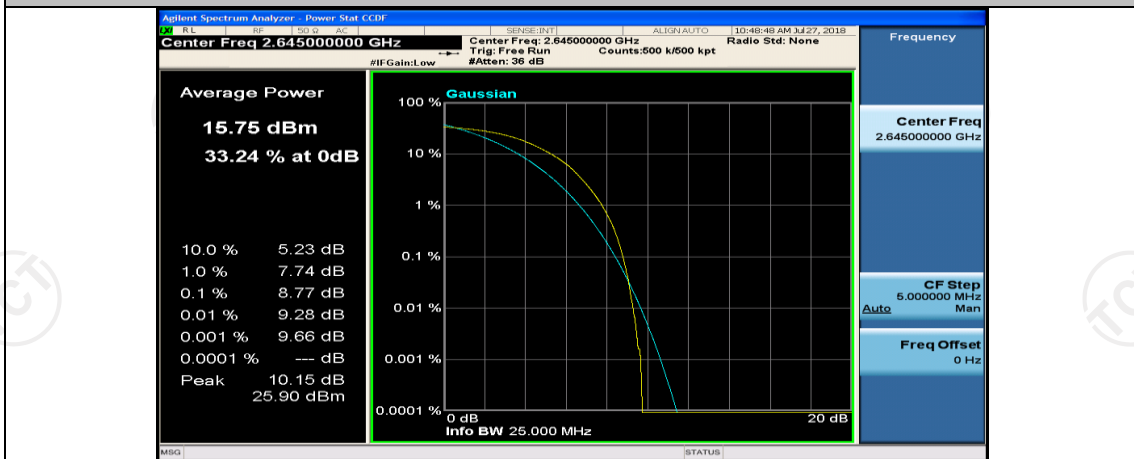
(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#25



(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: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.33754	0.5605	PASS
		1	12	0.36062	0.5768	PASS
		1	24	0.32659	0.5465	PASS
		12	0	2.1692	2.503	PASS
		12	6	2.1708	2.563	PASS
		12	13	2.1700	2.628	PASS
		25	0	4.4814	4.897	PASS
	MCH	1	0	0.37059	0.6027	PASS
		1	12	0.39035	0.6225	PASS
		1	24	0.37675	0.6328	PASS
		12	0	2.1755	2.610	PASS
		12	6	2.1756	2.625	PASS
		12	13	2.1817	2.717	PASS
		25	0	4.4862	4.895	PASS
	HCH	1	0	0.37558	0.5888	PASS
		1	12	0.41735	0.6246	PASS
		1	24	0.37445	0.5928	PASS
		12	0	2.1692	2.593	PASS
		12	6	2.1702	2.622	PASS
		12	13	2.1757	2.626	PASS
		25	0	4.4783	4.890	PASS
16QAM	LCH	1	0	0.38217	0.6092	PASS
		1	12	0.37356	0.6247	PASS
		1	24	0.35082	0.5706	PASS
		12	0	2.1783	2.534	PASS
		12	6	2.1852	2.571	PASS
		12	13	2.1833	2.588	PASS
		25	0	4.4688	4.846	PASS
	MCH	1	0	0.37352	0.5593	PASS
		1	12	0.38622	0.6102	PASS
		1	24	0.36267	0.5660	PASS

		12	0	2.1813	2.621	PASS
		12	6	2.1797	2.753	PASS
		12	13	2.1839	2.586	PASS
		25	0	4.4715	4.901	PASS
	HCH	1	0	0.38002	0.6235	PASS
		1	12	0.39227	0.5922	PASS
		1	24	0.38582	0.5723	PASS
		12	0	2.1826	2.581	PASS
		12	6	2.1760	2.634	PASS
		12	13	2.1829	2.572	PASS
		25	0	4.4692	4.804	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	0.43191	0.6498	PASS
		1	25	0.43802	0.6806	PASS
		1	49	0.41700	0.6218	PASS
		25	0	4.5118	5.083	PASS
		25	12	4.5068	5.066	PASS
		25	25	4.5128	5.058	PASS
		50	0	8.9388	9.409	PASS
	MCH	1	0	0.45568	0.7792	PASS
		1	25	0.46989	0.7125	PASS
		1	49	0.45615	0.6976	PASS
		25	0	4.5204	5.137	PASS
		25	12	4.5193	5.068	PASS
		25	25	4.5207	5.347	PASS
		50	0	8.9449	9.555	PASS
	HCH	1	0	0.47920	0.7562	PASS
		1	25	0.47324	0.7322	PASS
		1	49	0.45967	0.6893	PASS
		25	0	4.5147	5.037	PASS
		25	12	4.5117	4.953	PASS
		25	25	4.5220	5.049	PASS
		50	0	8.9338	9.500	PASS
16QAM	LCH	1	0	0.44332	0.6875	PASS
		1	25	0.43009	0.6386	PASS
		1	49	0.43529	0.6573	PASS
		25	0	4.5066	5.040	PASS

		25	12	4.5060	5.095	PASS
		25	25	4.4979	5.008	PASS
		50	0	8.9391	9.452	PASS
	MCH	1	0	0.45513	0.7015	PASS
		1	25	0.46062	0.6731	PASS
		1	49	0.44909	0.6592	PASS
		25	0	4.5141	5.048	PASS
		25	12	4.5206	5.126	PASS
		25	25	4.5028	5.075	PASS
		50	0	8.9475	9.512	PASS
	HCH	1	0	0.45375	0.6806	PASS
		1	25	0.45132	0.6809	PASS
		1	49	0.44366	0.6921	PASS
		25	0	4.5121	4.994	PASS
		25	12	4.5115	5.060	PASS
		25	25	4.5244	5.048	PASS
		50	0	8.9366	9.439	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	0.53024	0.7873	PASS
		1	37	0.52703	0.8295	PASS
		1	74	0.51510	0.8093	PASS
		37	0	6.4736	7.033	PASS
		37	18	6.4978	7.080	PASS
		37	38	6.4959	7.009	PASS
		75	0	13.411	14.15	PASS
	MCH	1	0	0.52399	0.7748	PASS
		1	37	0.52680	0.7285	PASS
		1	74	0.55261	0.7880	PASS
		37	0	6.4957	8.205	PASS
		37	18	6.5164	9.164	PASS
		37	38	6.5214	9.099	PASS
		75	0	13.448	18.65	PASS
	HCH	1	0	0.54443	0.8669	PASS
		1	37	0.55339	0.8107	PASS
		1	74	0.56624	0.8634	PASS
		37	0	6.5058	8.034	PASS
37		18	6.4998	8.035	PASS	

16QAM	LCH	37	38	6.4893	8.046	PASS
		75	0	13.418	17.71	PASS
		1	0	0.51637	0.7482	PASS
		1	37	0.53550	0.8213	PASS
		1	74	0.54049	0.7825	PASS
		37	0	6.4901	7.087	PASS
		37	18	6.4857	7.044	PASS
		37	38	6.4843	7.076	PASS
	MCH	75	0	13.413	14.13	PASS
		1	0	0.50503	0.7652	PASS
		1	37	0.53441	0.7937	PASS
		1	74	0.55058	0.7934	PASS
		37	0	6.4918	7.116	PASS
		37	18	6.4932	7.064	PASS
		37	38	6.4959	7.254	PASS
		75	0	13.400	14.25	PASS
	HCH	1	0	0.51007	0.7066	PASS
		1	37	0.54410	0.8046	PASS
		1	74	0.55323	0.7823	PASS
		37	0	6.4834	7.097	PASS
		37	18	6.4942	7.233	PASS
		37	38	6.4817	7.058	PASS
		75	0	13.413	13.98	PASS

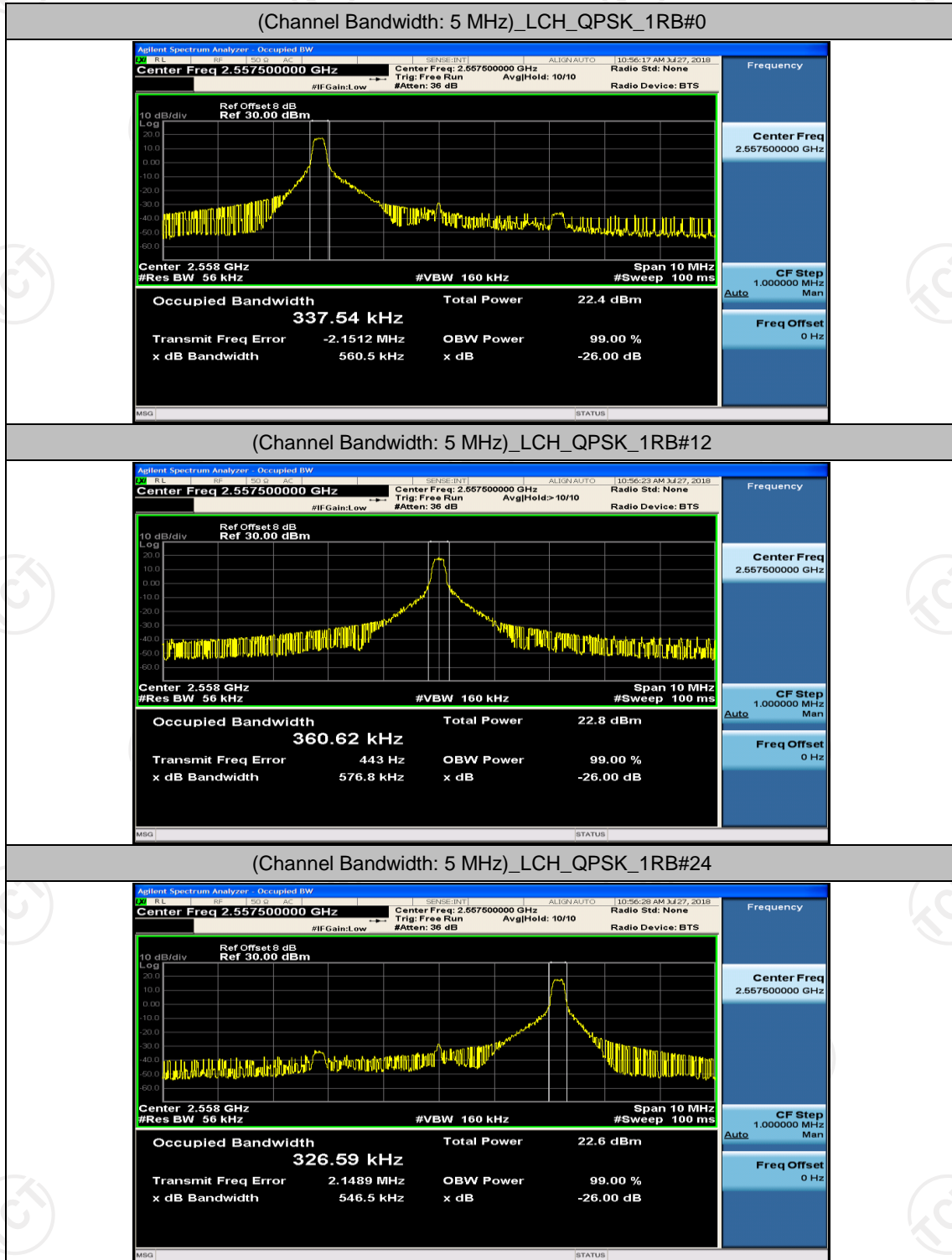
Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.59093	0.9040	PASS
		1	50	0.58900	0.8551	PASS
		1	99	0.58732	0.8152	PASS
		50	0	8.9825	9.636	PASS
		50	25	8.9965	9.696	PASS
		50	50	8.9776	9.741	PASS
		100	0	17.873	18.62	PASS
	MCH	1	0	0.59034	0.8619	PASS
		1	50	0.60943	0.8740	PASS
		1	99	0.60249	0.9003	PASS
		50	0	8.9913	9.678	PASS
		50	25	9.0183	9.875	PASS
		50	50	9.0155	9.917	PASS

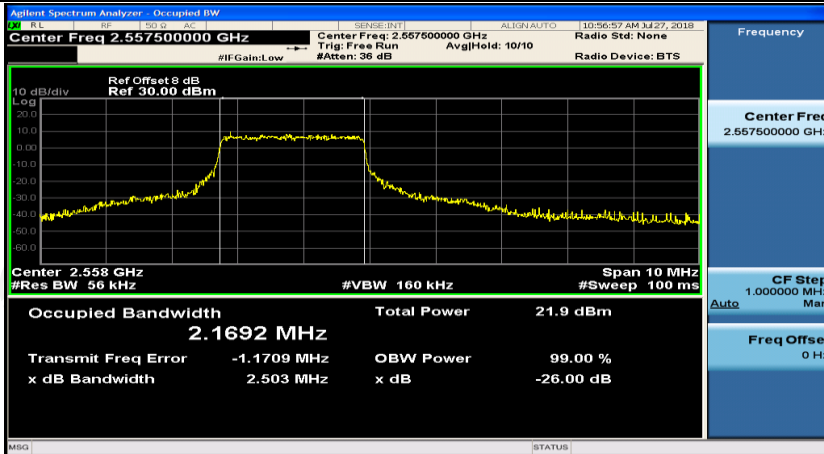
	HCH	100	0	17.863	18.65	PASS
		1	0	0.59855	0.8959	PASS
		1	50	0.61284	0.8984	PASS
		1	99	0.60502	0.8801	PASS
		50	0	8.9966	9.750	PASS
		50	25	8.9958	9.919	PASS
		50	50	8.9867	9.882	PASS
		100	0	17.856	18.73	PASS
16QAM	LCH	1	0	0.59083	0.9161	PASS
		1	50	0.63017	0.9068	PASS
		1	99	0.62652	0.9069	PASS
		50	0	8.9842	9.602	PASS
		50	25	8.9879	9.714	PASS
		50	50	8.9902	9.610	PASS
		100	0	17.876	18.62	PASS
		MCH	1	0	0.58468	0.8806
	1		50	0.62564	0.8268	PASS
	1		99	0.61269	0.9123	PASS
	50		0	8.9998	9.707	PASS
	50		25	8.9943	9.759	PASS
	50		50	8.9993	9.593	PASS
	100		0	17.856	18.63	PASS
	HCH		1	0	0.59479	0.8924
		1	50	0.64438	1.002	PASS
		1	99	0.64101	0.8947	PASS
		50	0	8.9948	9.612	PASS
		50	25	9.0015	9.652	PASS
		50	50	8.9895	9.628	PASS
		100	0	17.857	18.54	PASS

Test Graphs

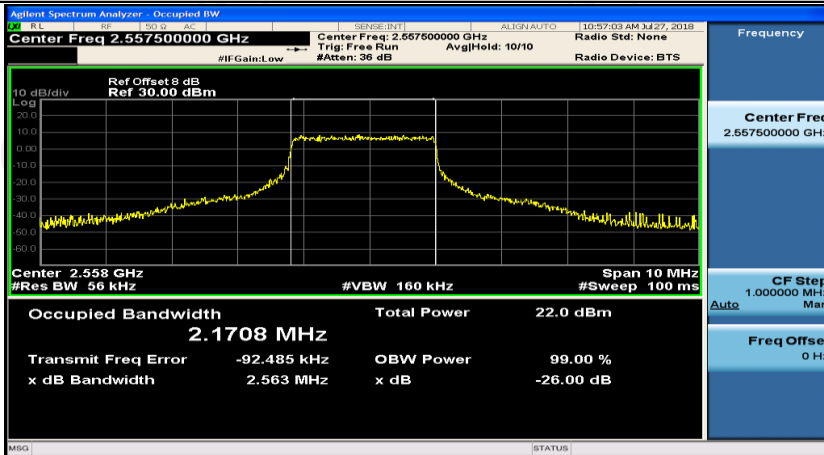
Channel Bandwidth: 5 MHz



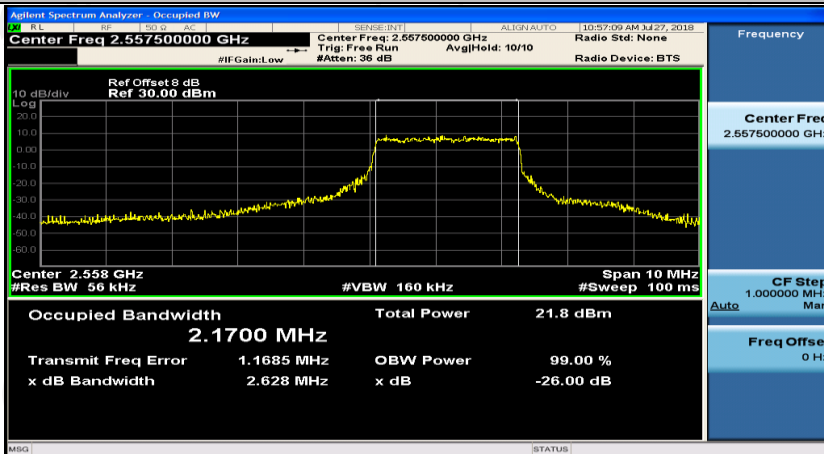
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0

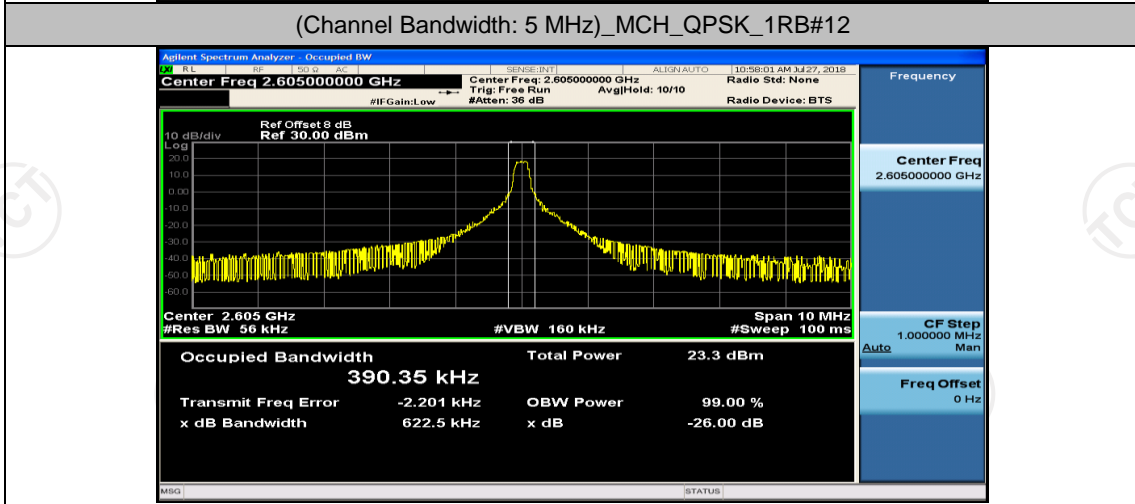
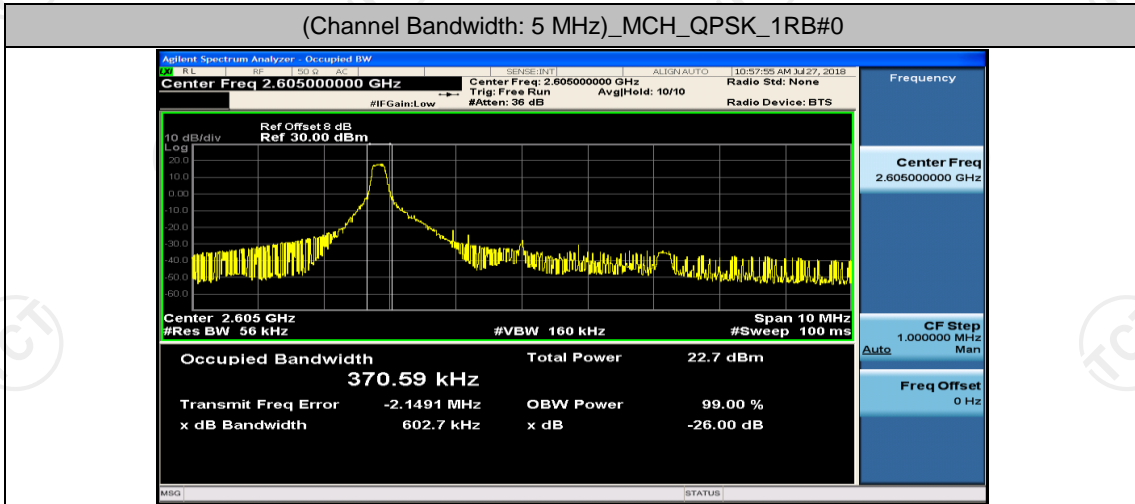
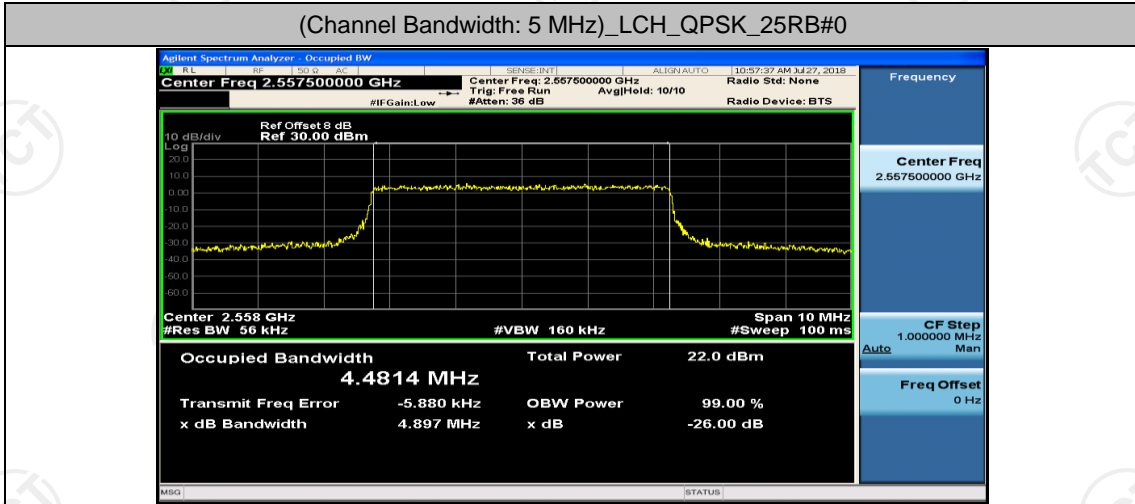


(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6

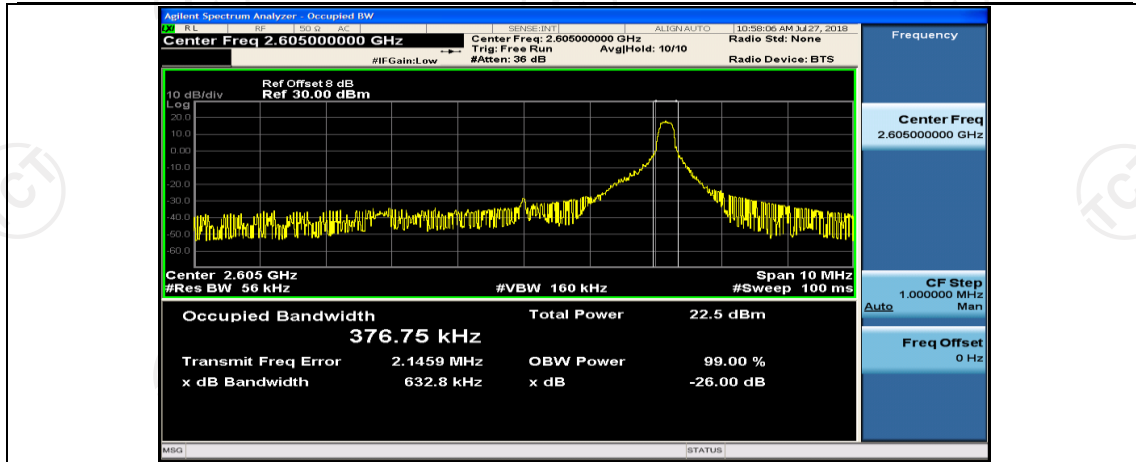


(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13

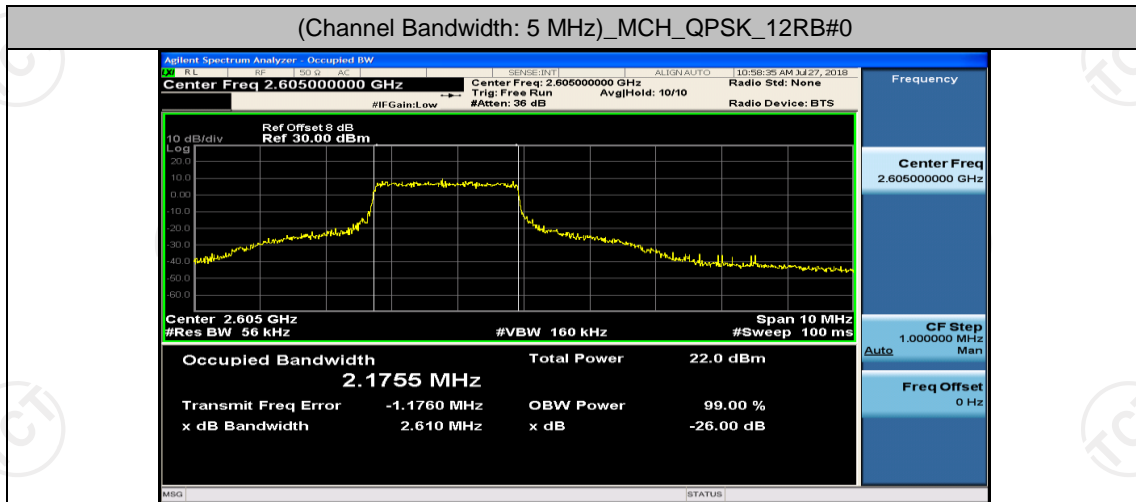




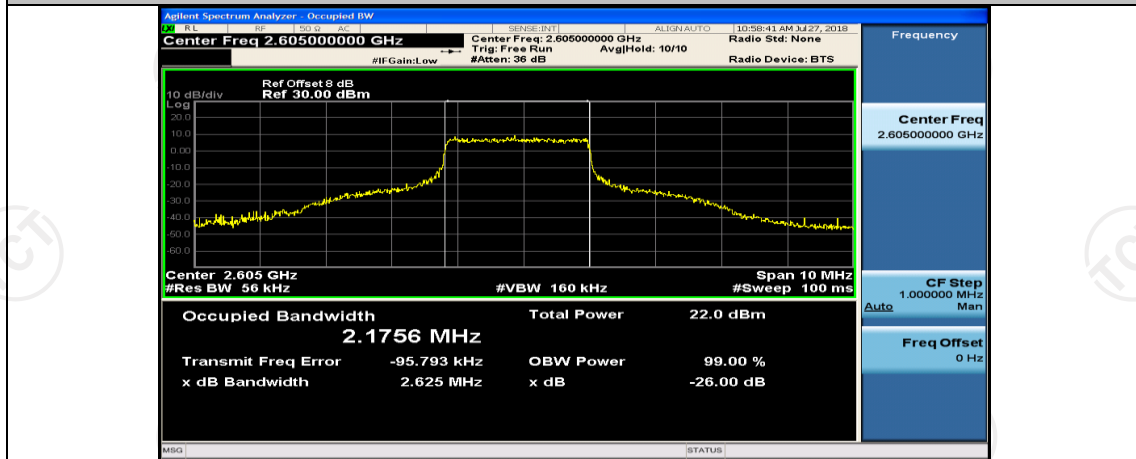
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



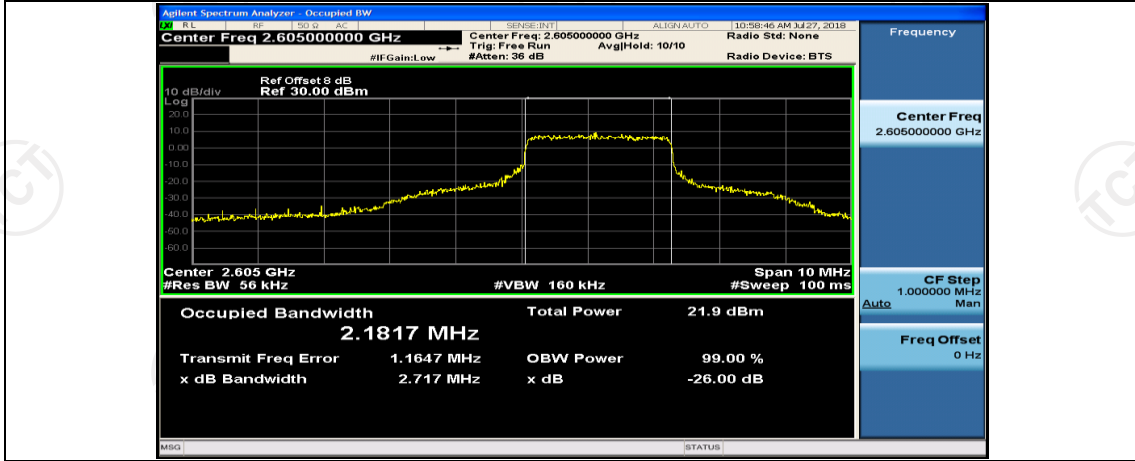
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



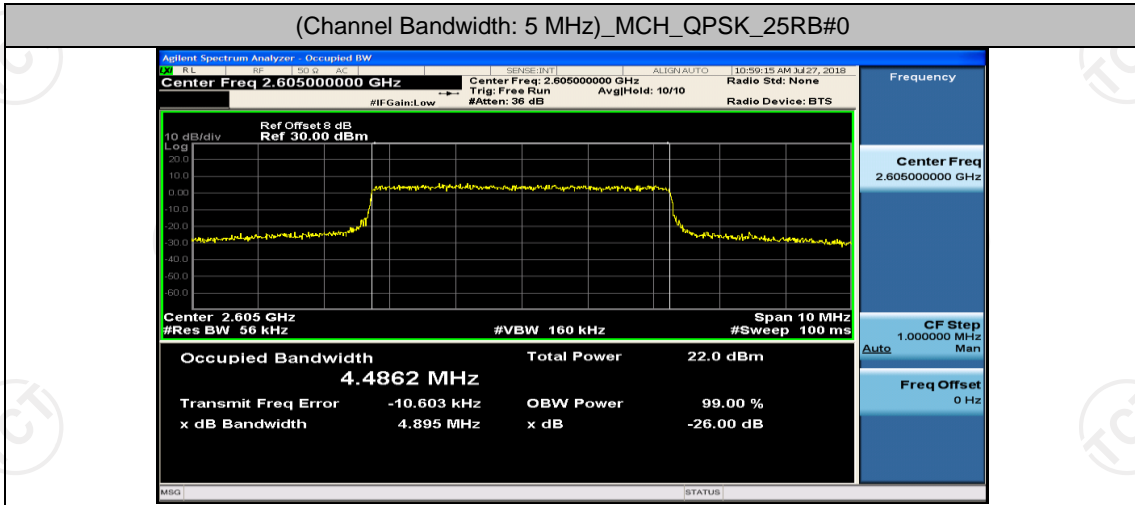
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



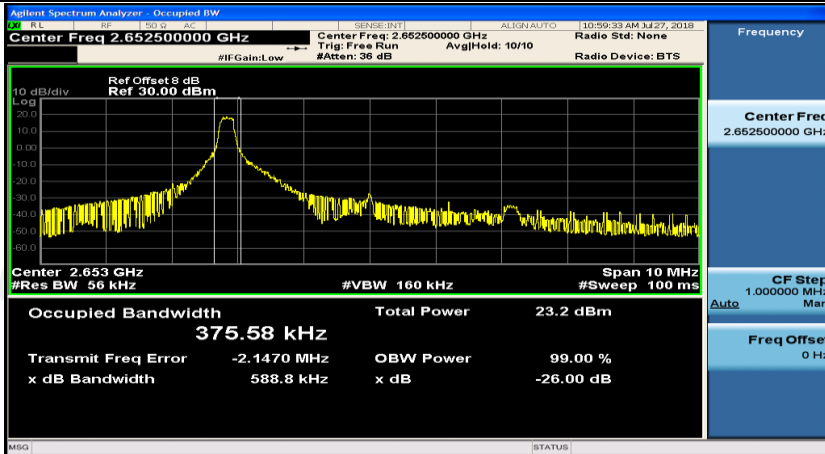
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



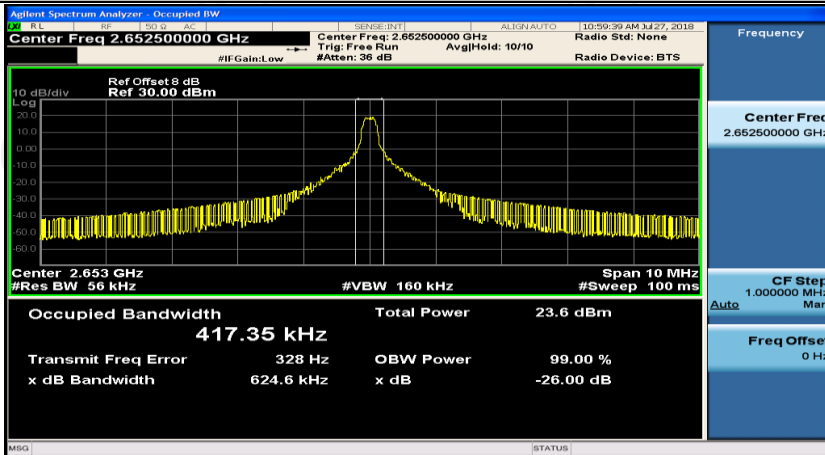
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



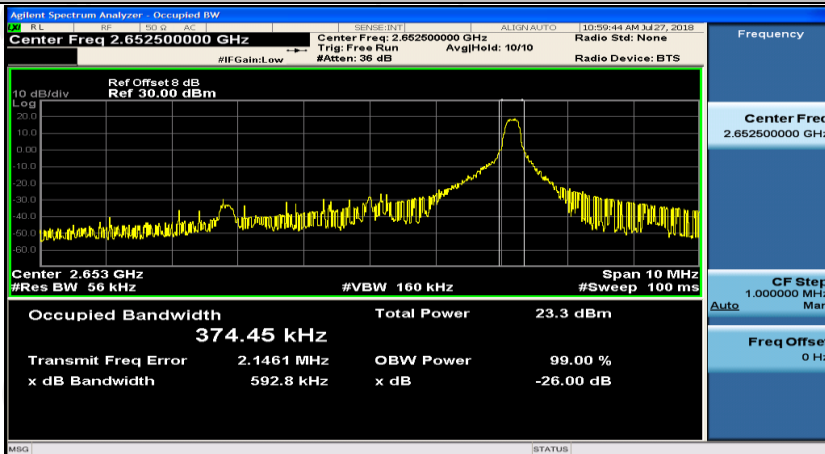
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



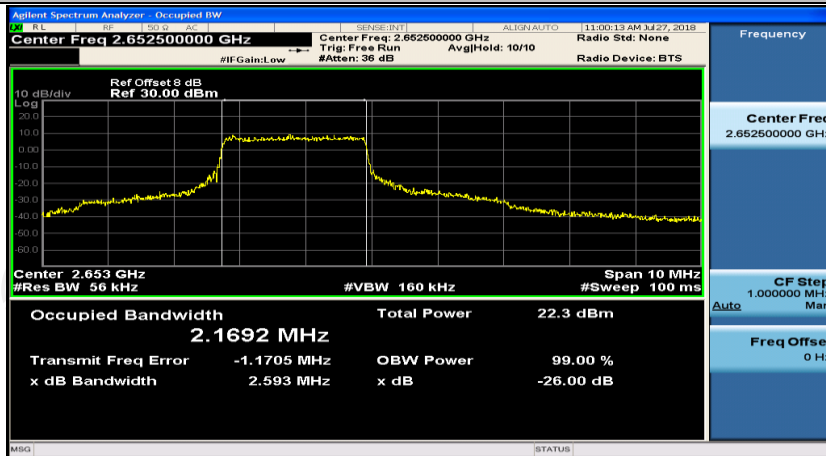
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



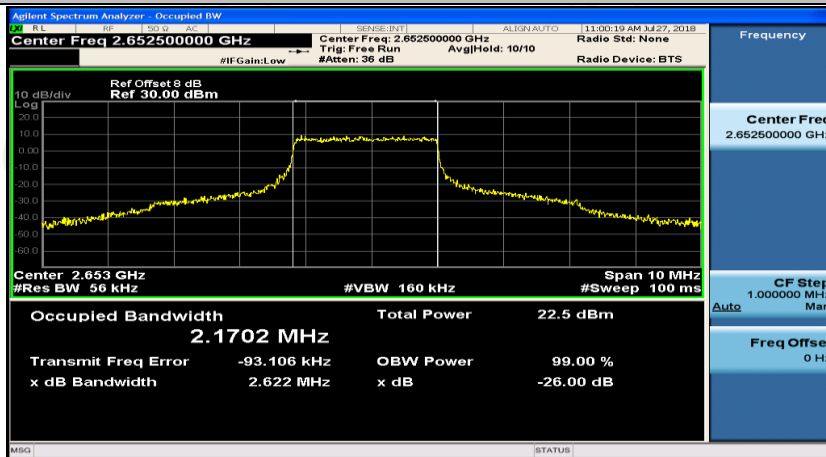
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



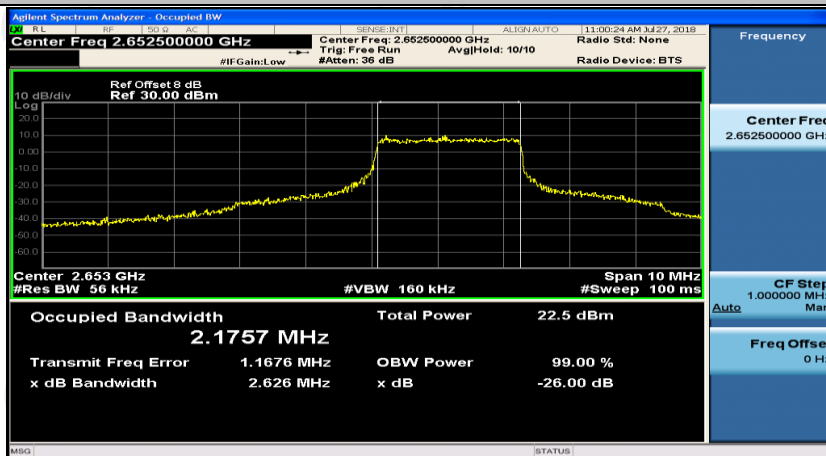
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0

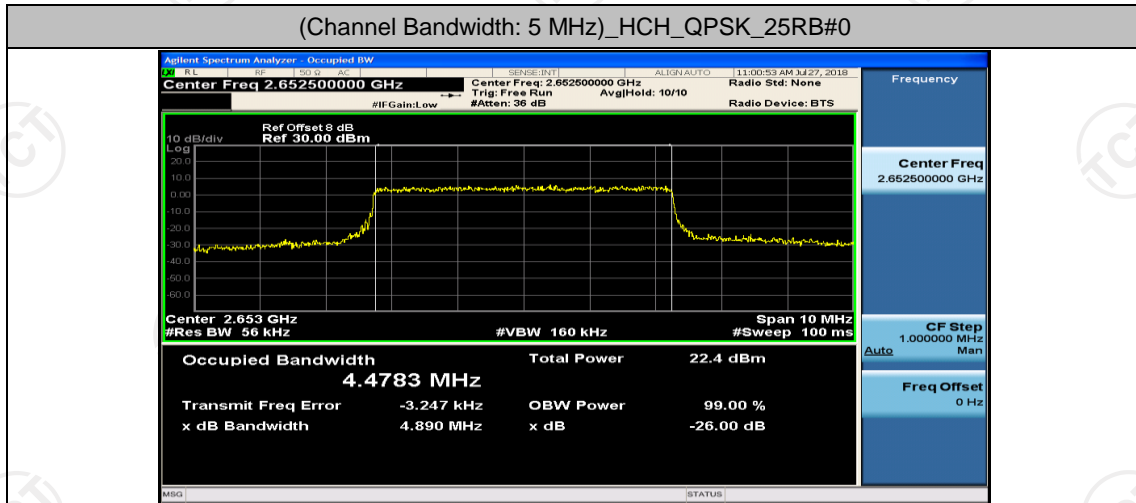


(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6

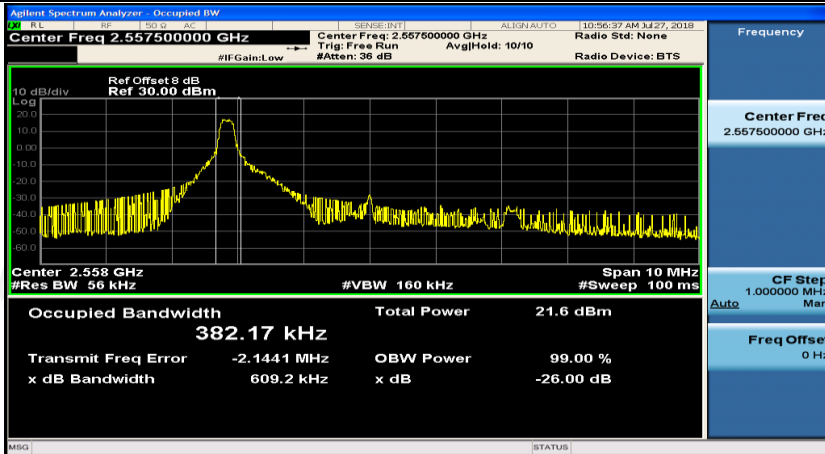


(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13

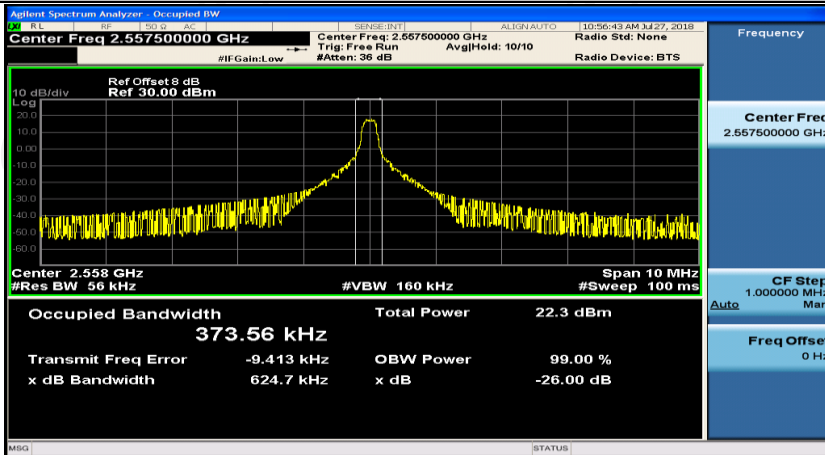




(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24

