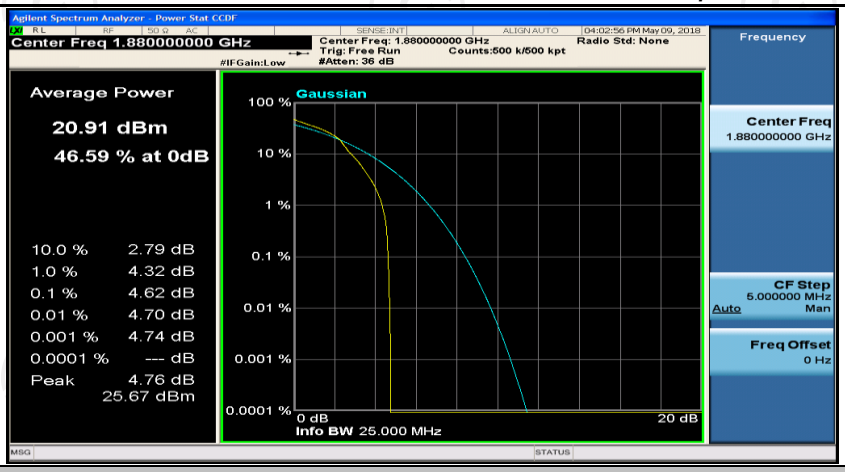
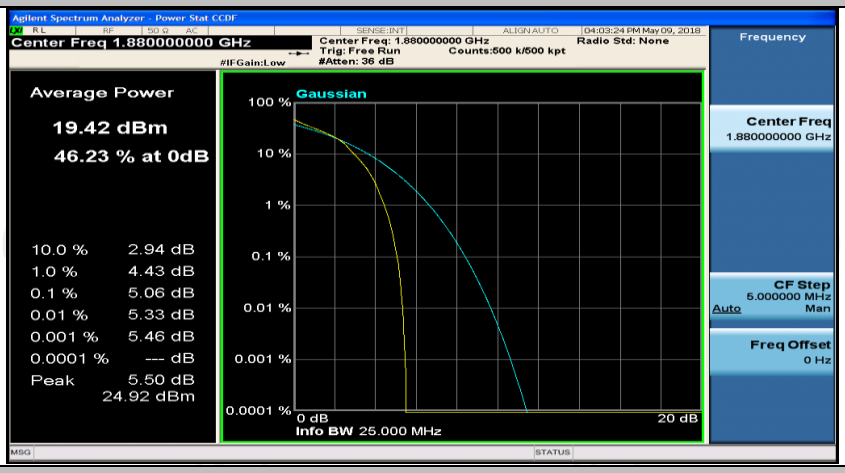


(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#0



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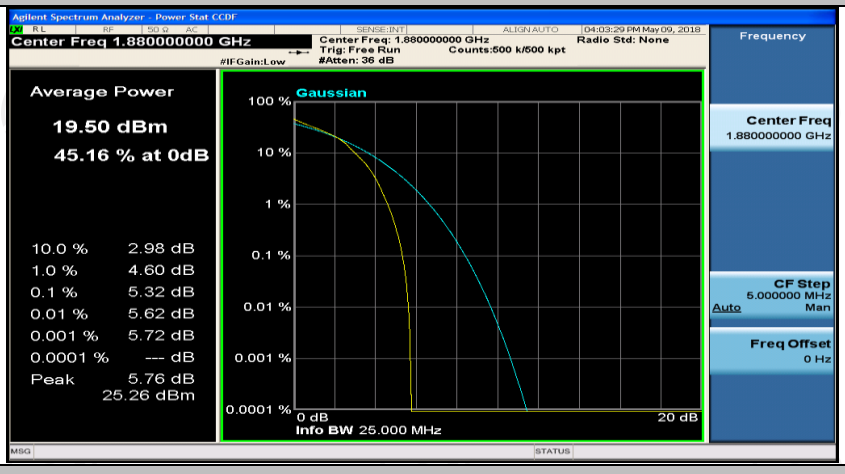

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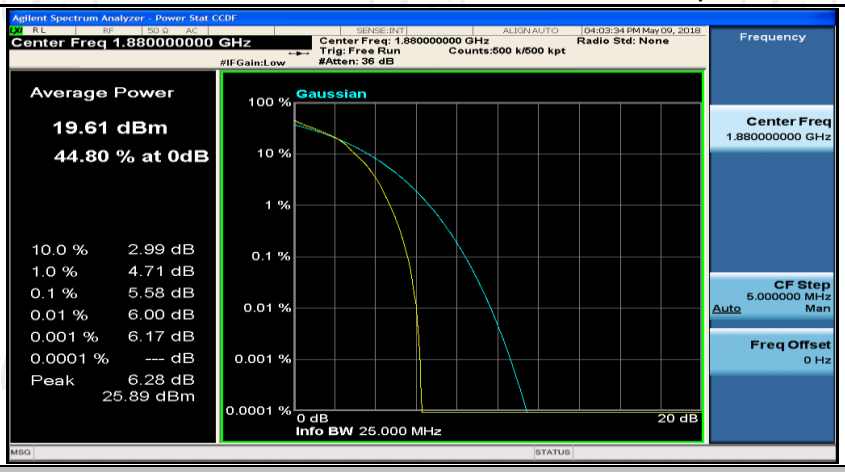

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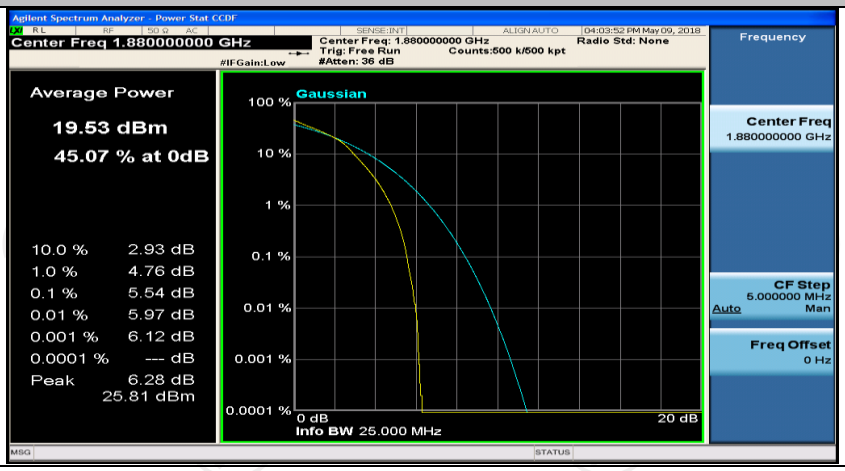
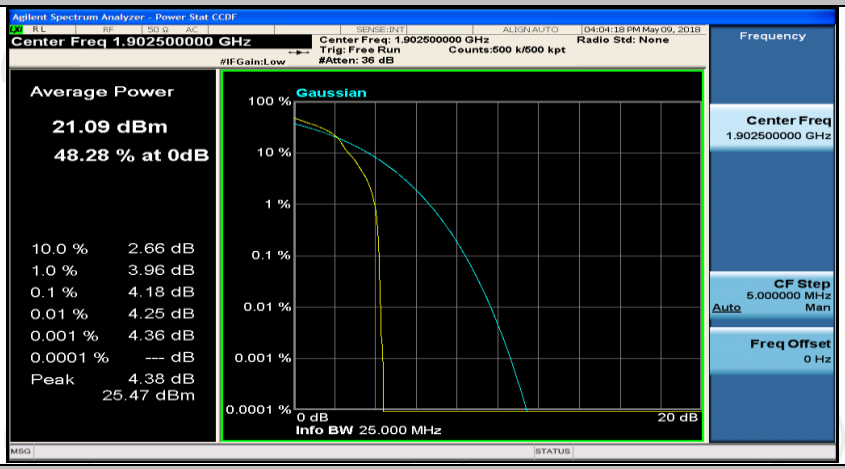


(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0



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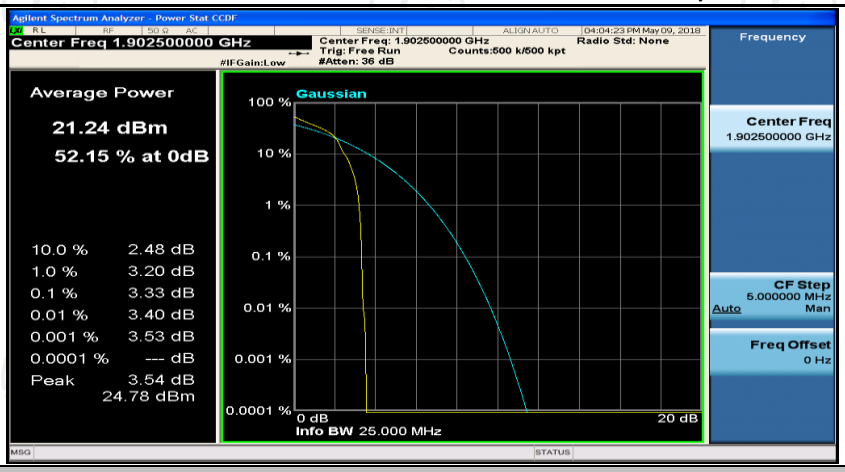

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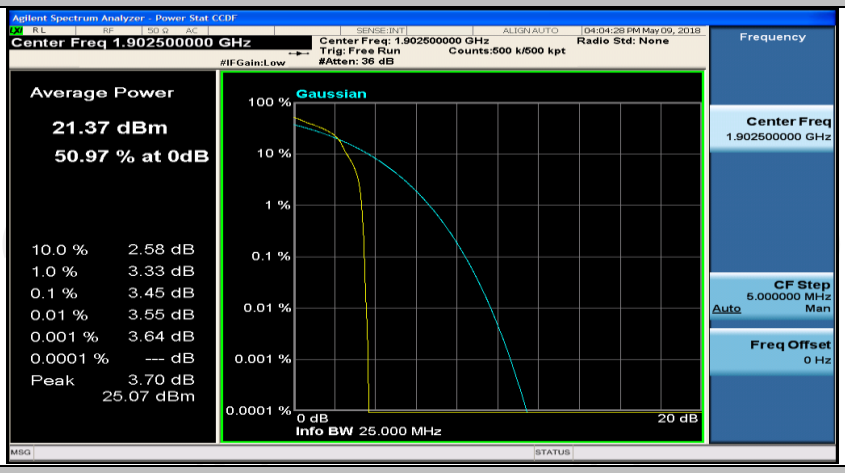
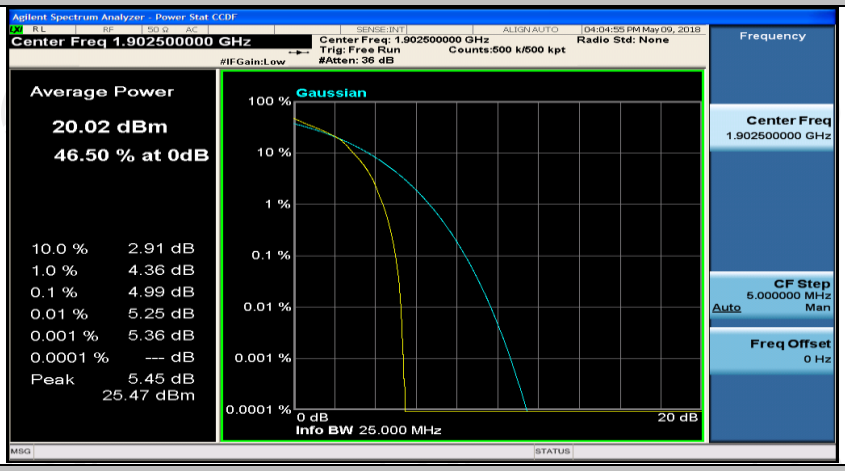


(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#0



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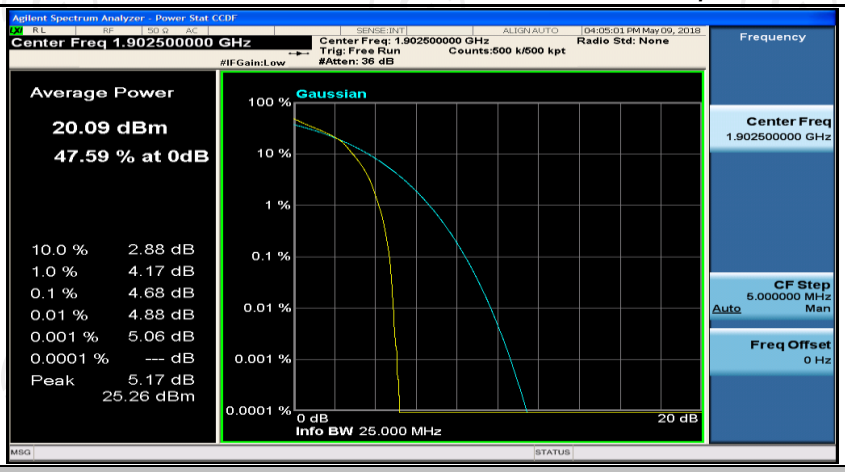

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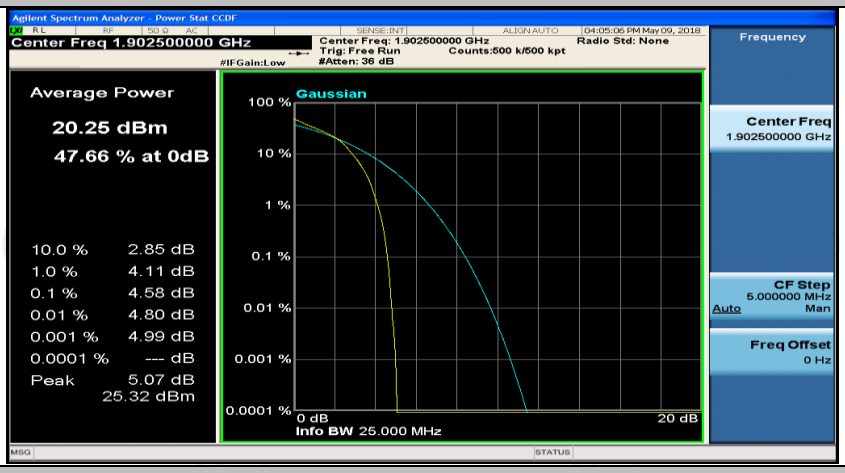

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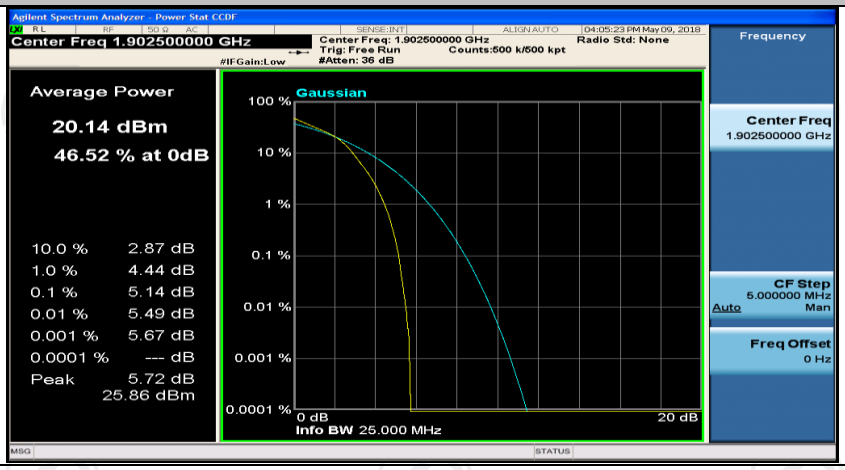
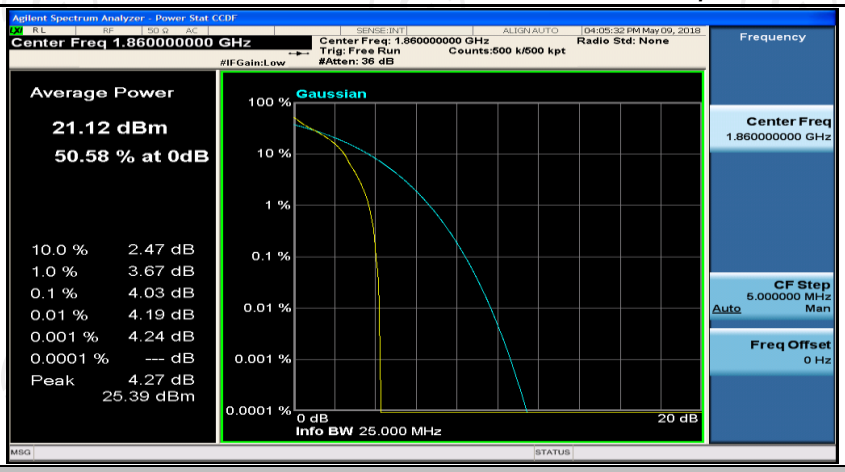


Channel Bandwidth: 20 MHz

(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#0



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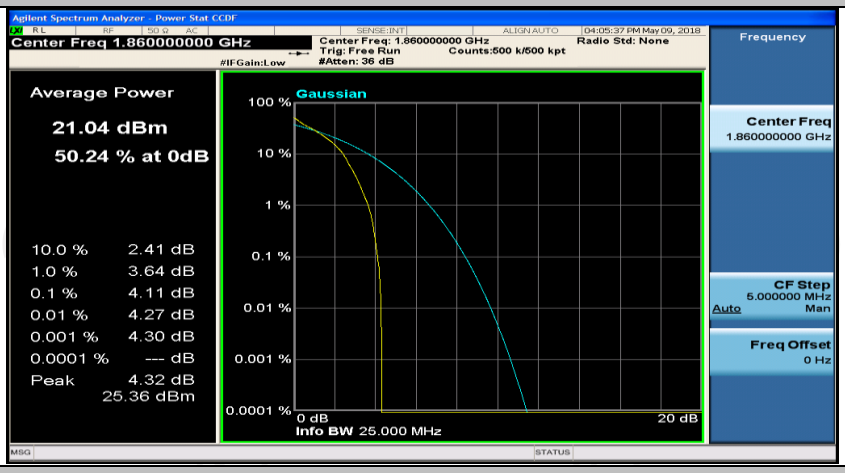

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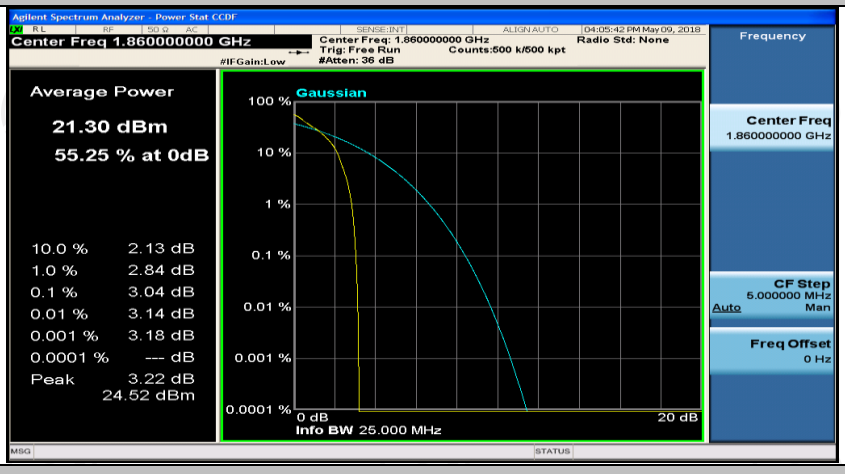
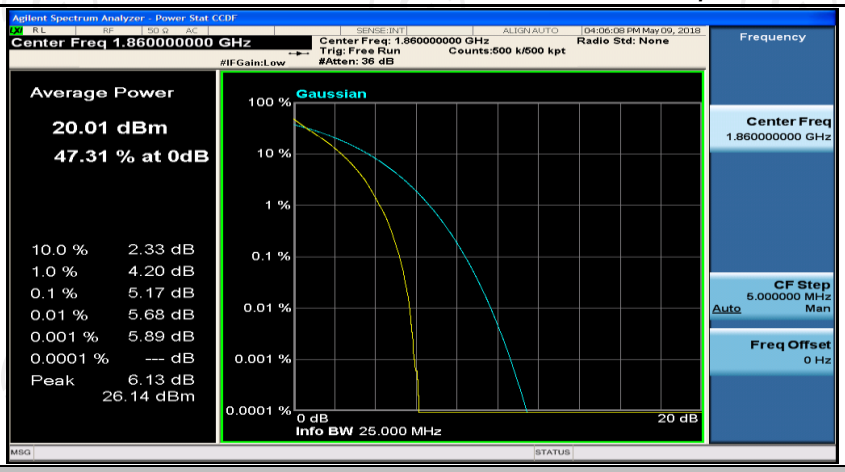
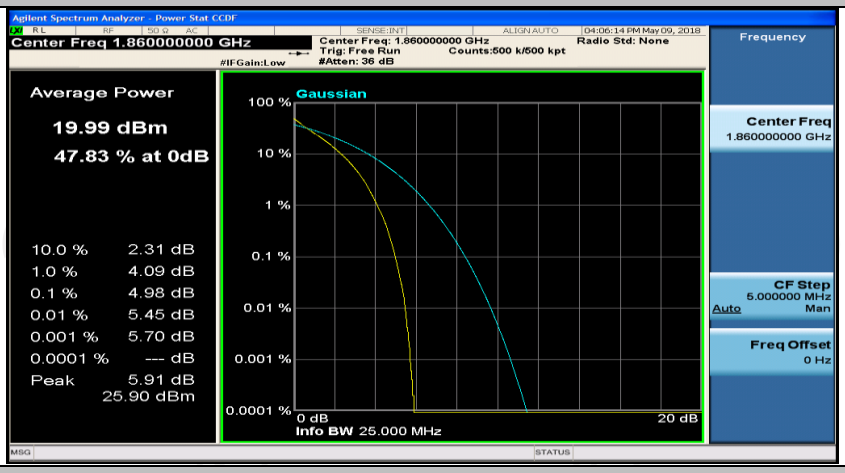


(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#0



(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#25



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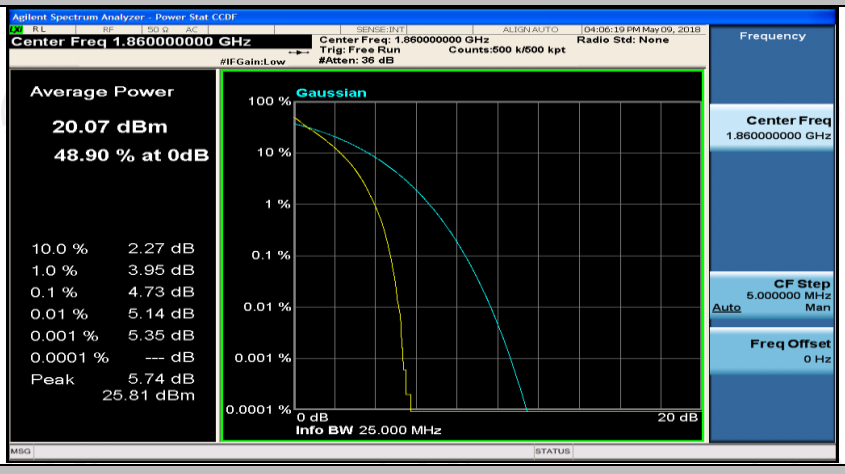
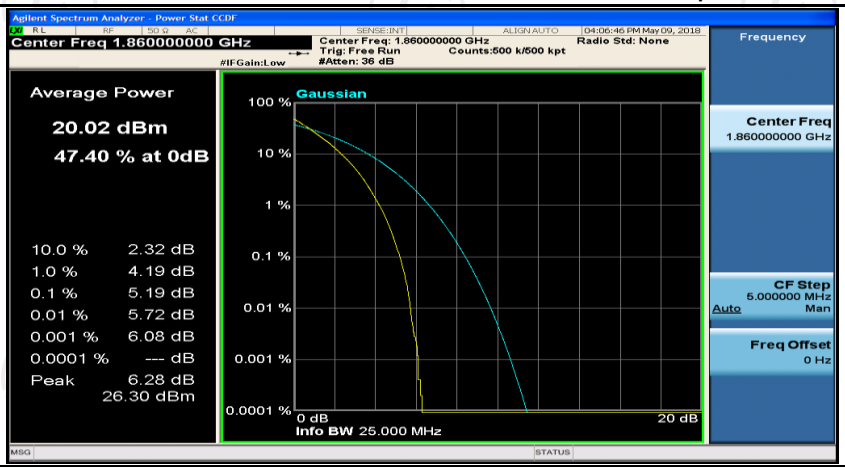
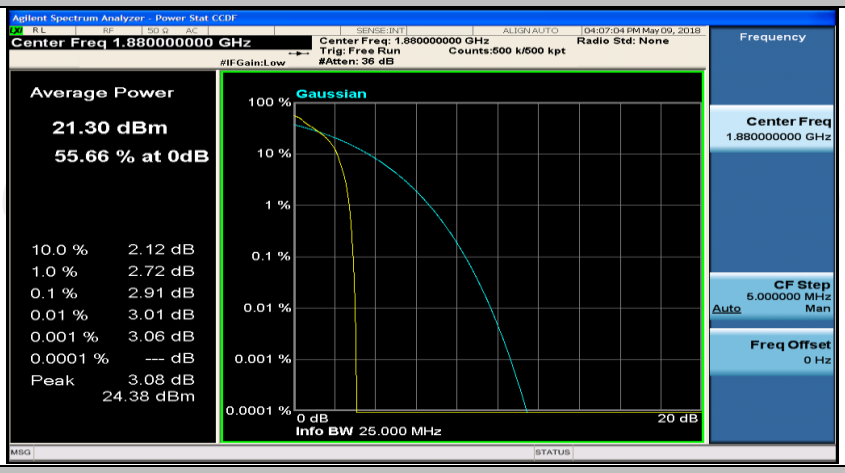


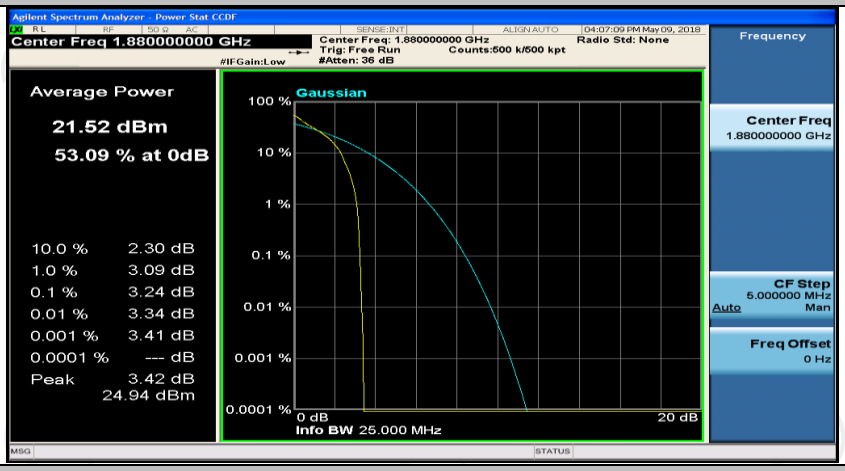
(Channel Bandwidth:20 MHz)_LCH_QPSK_100RB#0



(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0

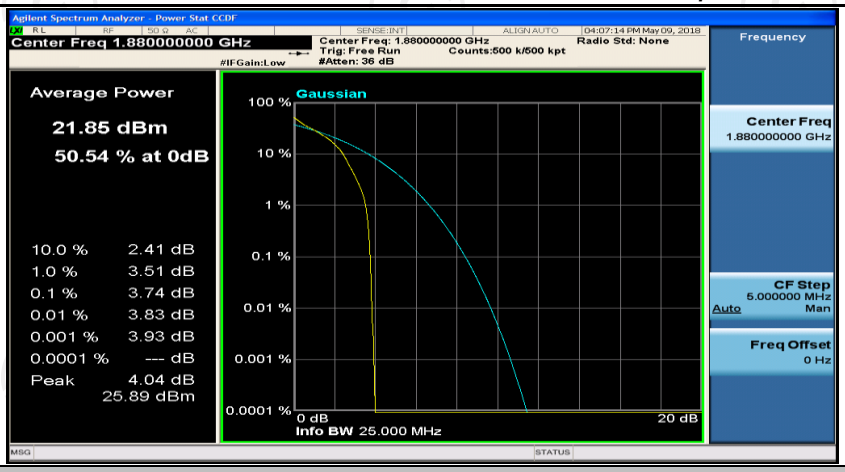


(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49



(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#99

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



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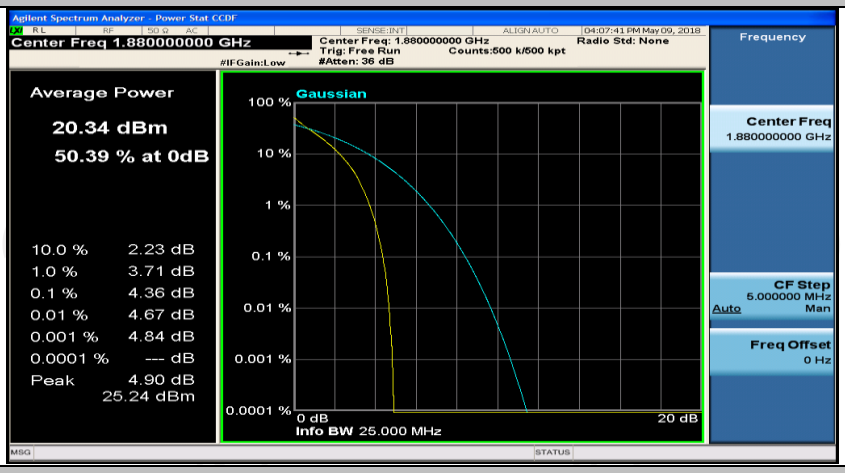

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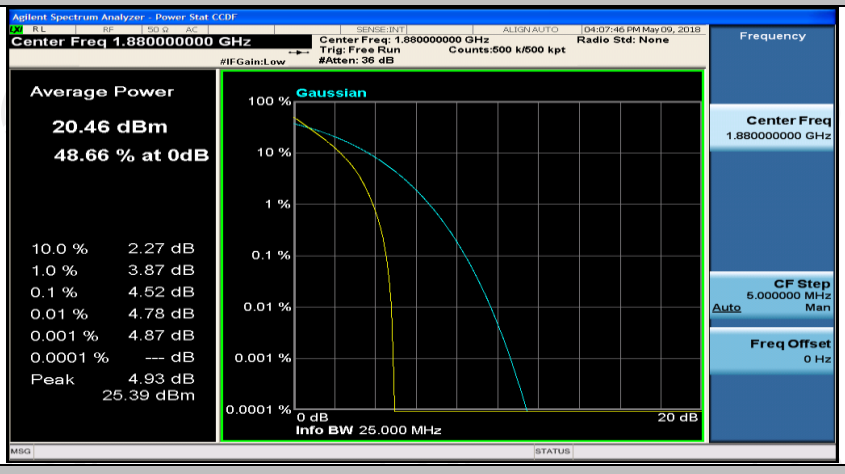

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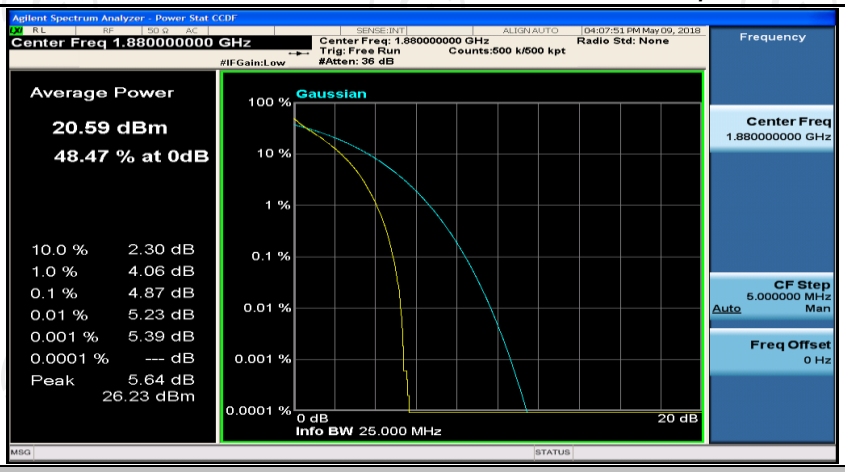

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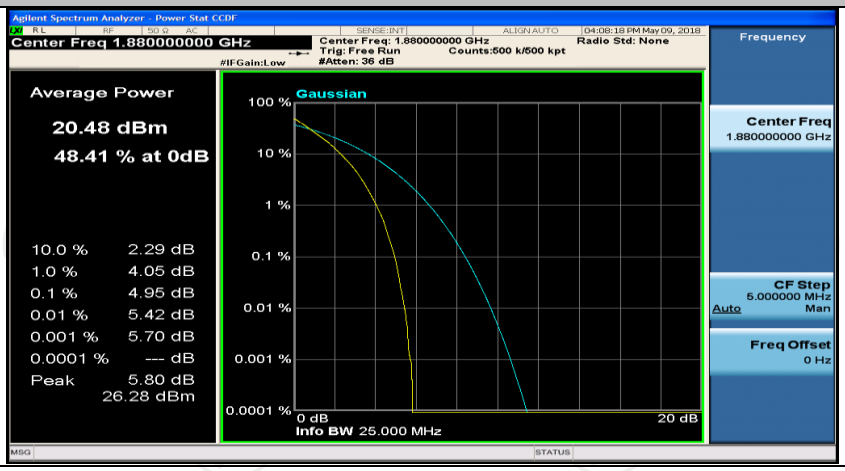

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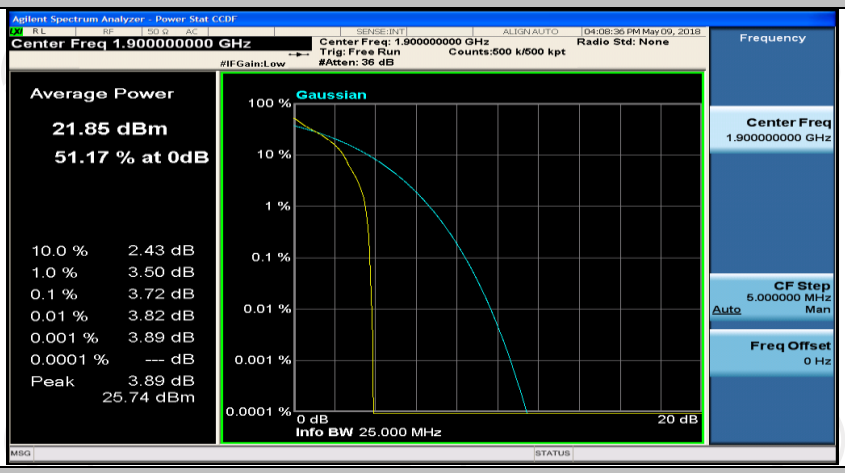

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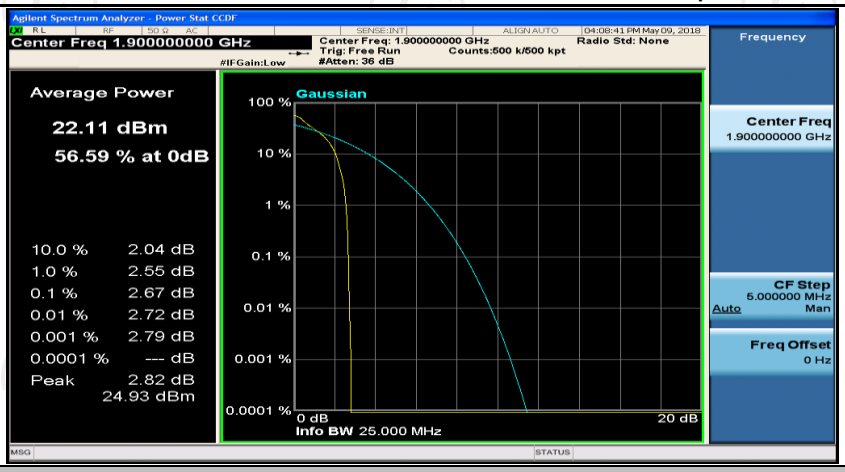

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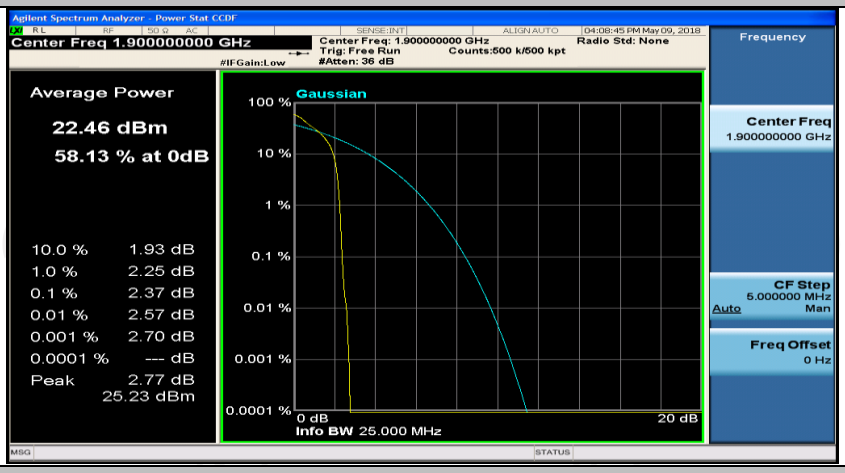

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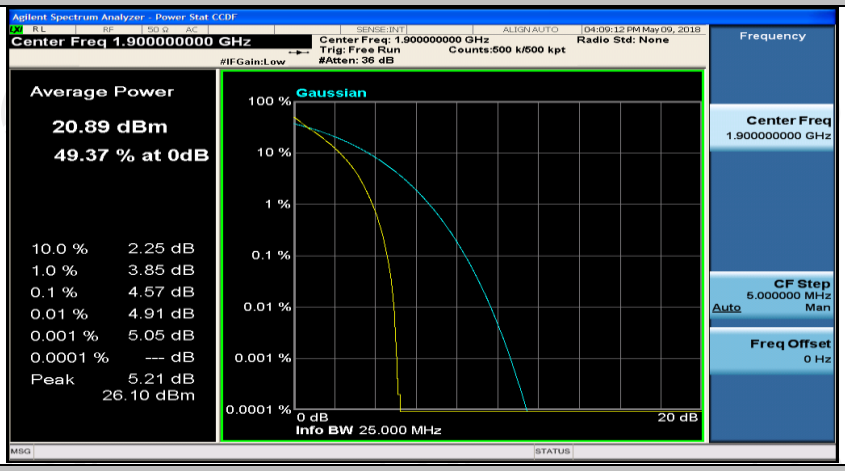

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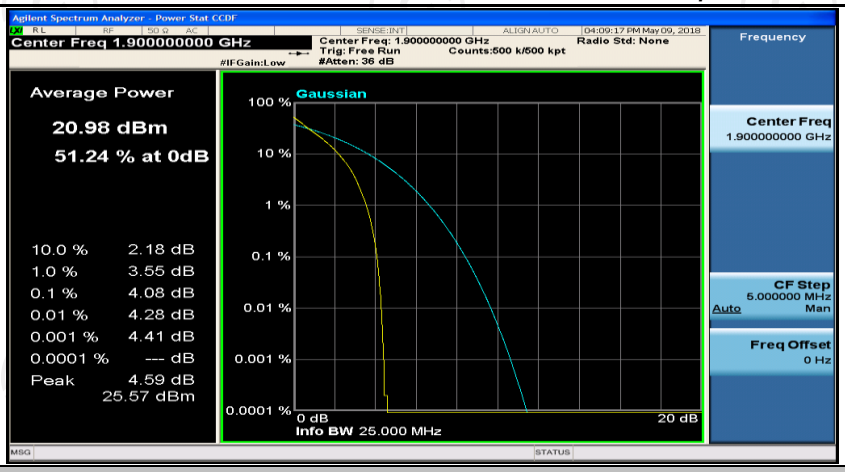

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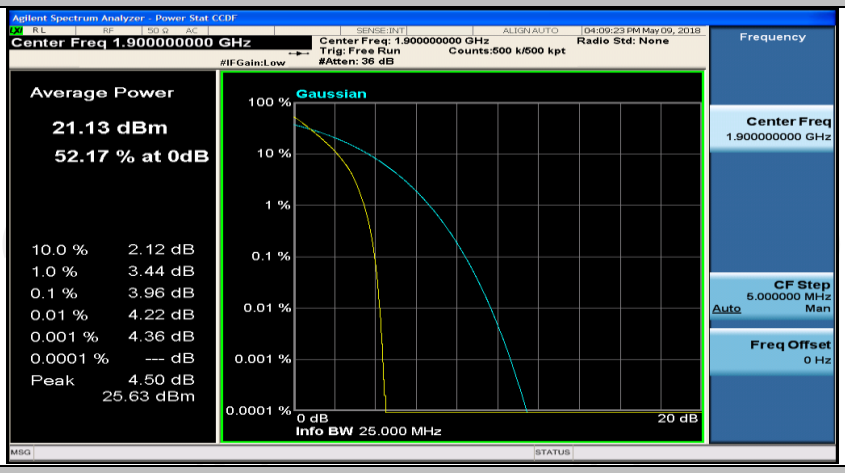
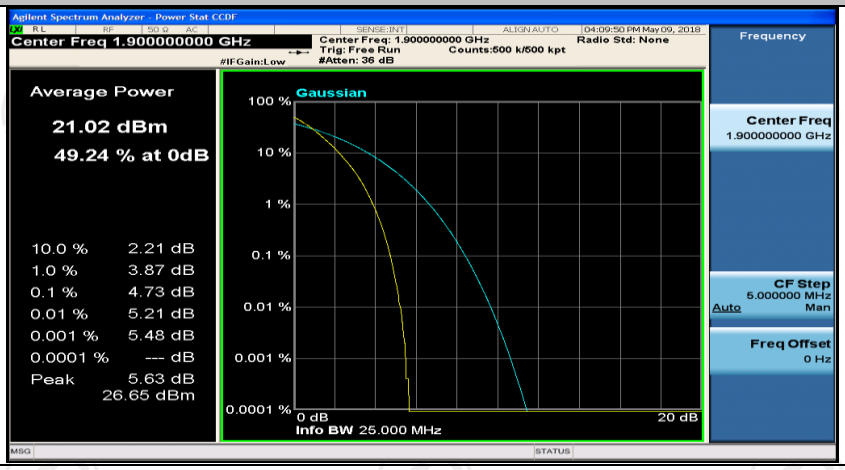
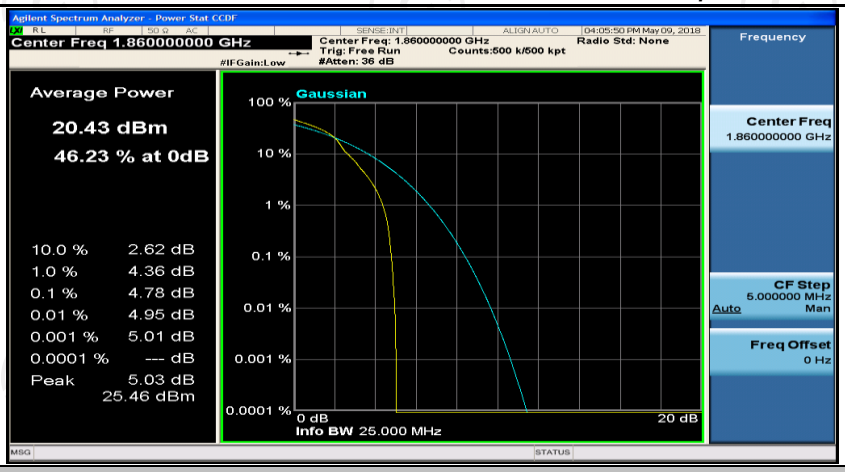


(Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0



(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0



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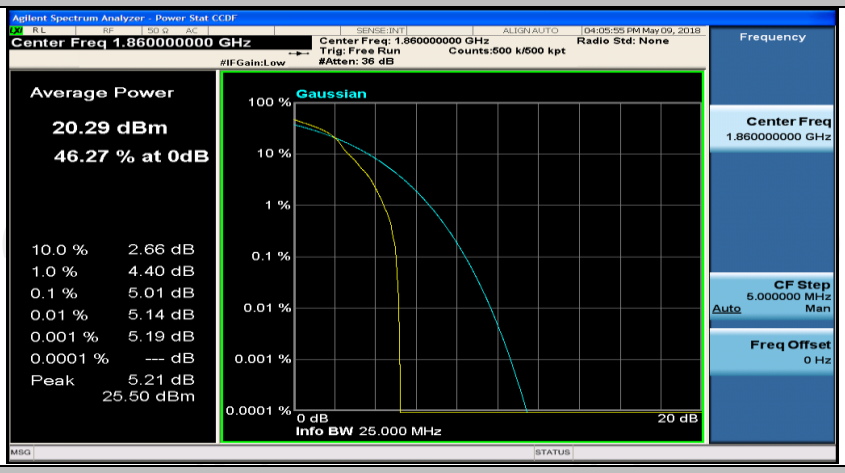

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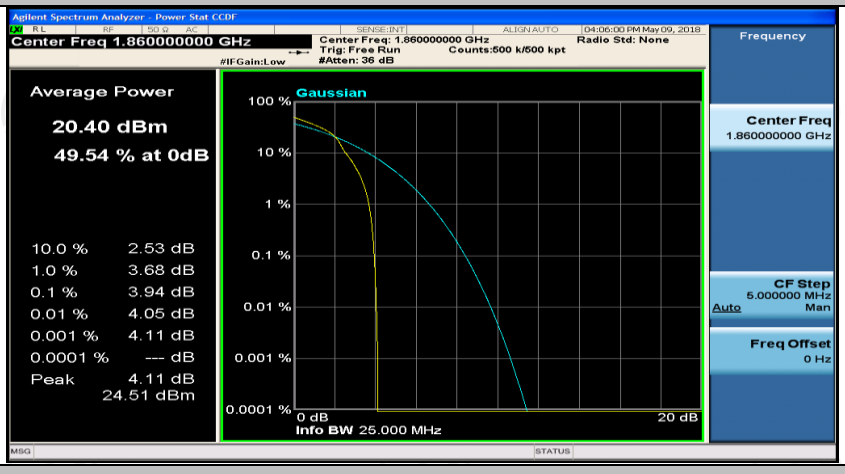

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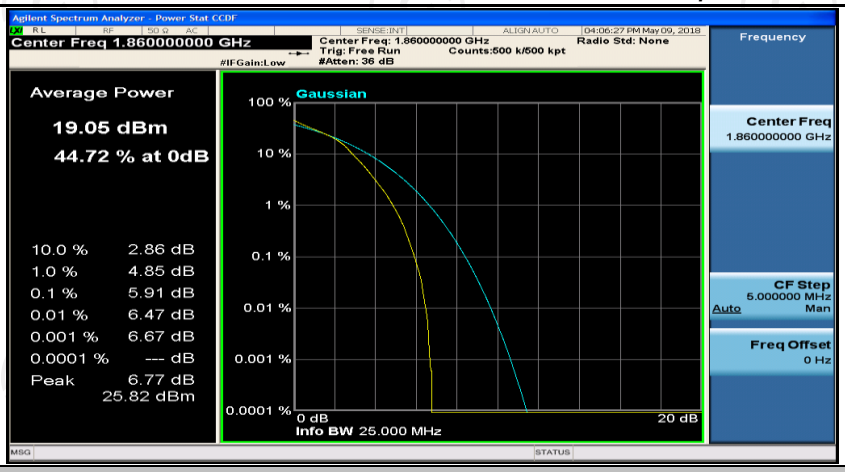

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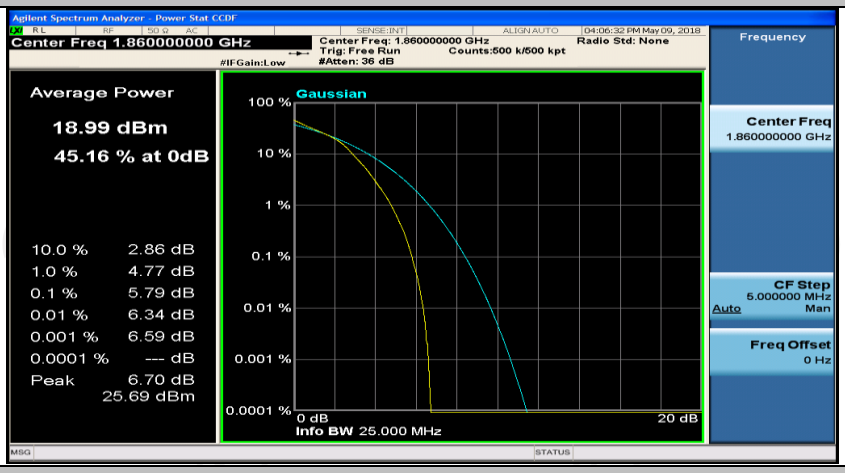
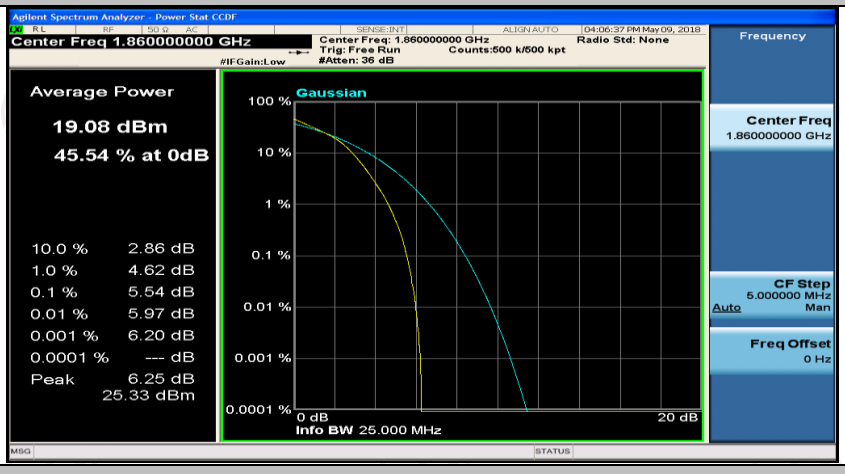
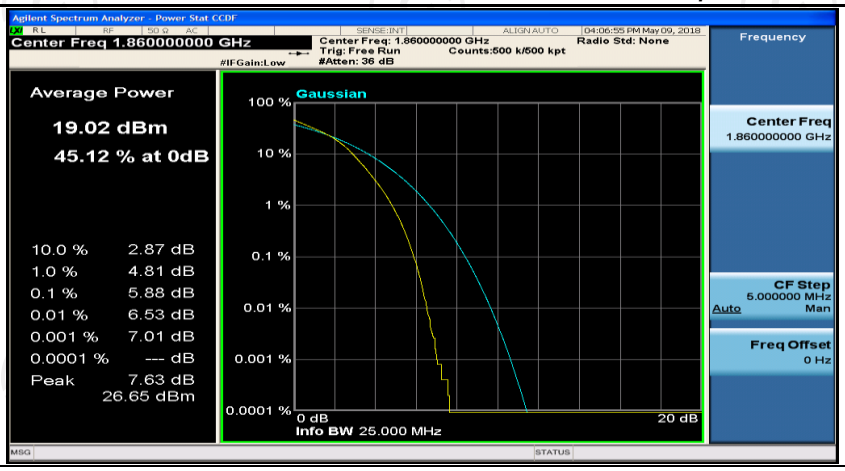


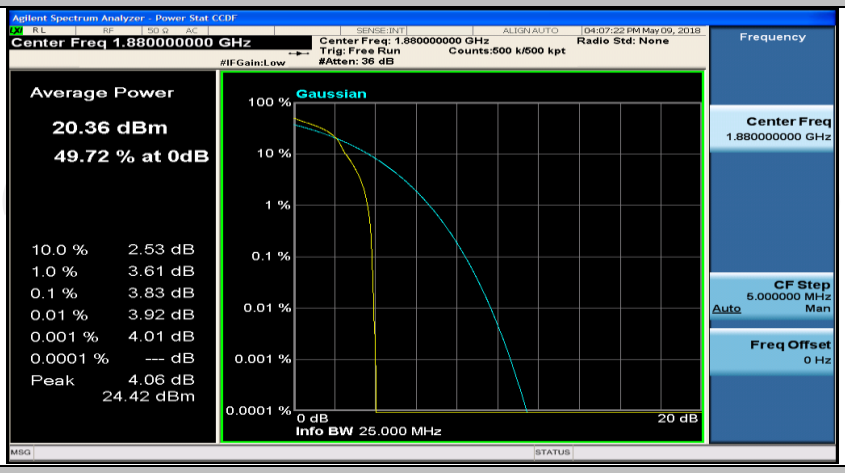
(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#50



(Channel Bandwidth:20 MHz)_LCH_16QAM_100RB#0



(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0



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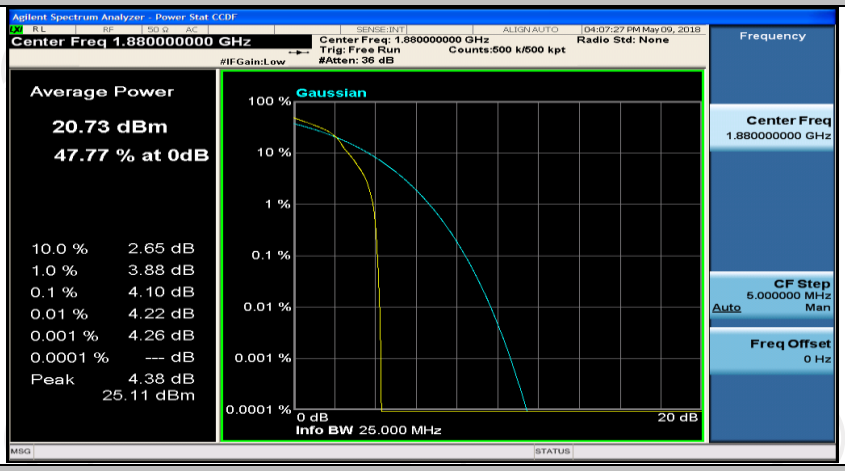
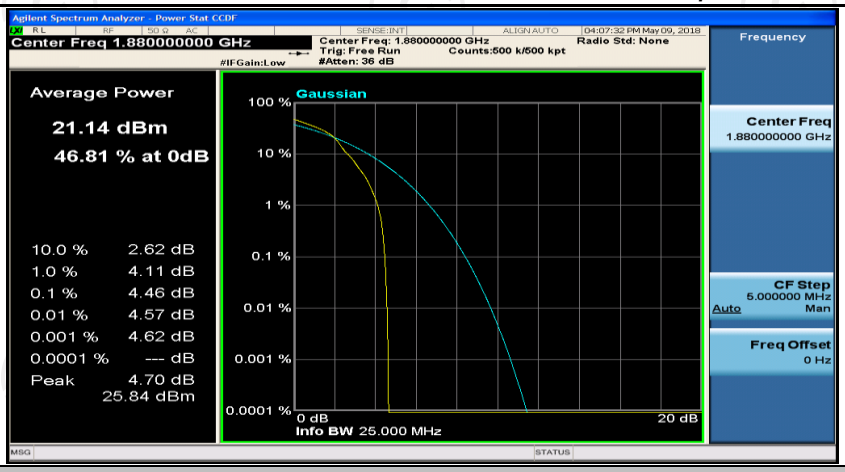
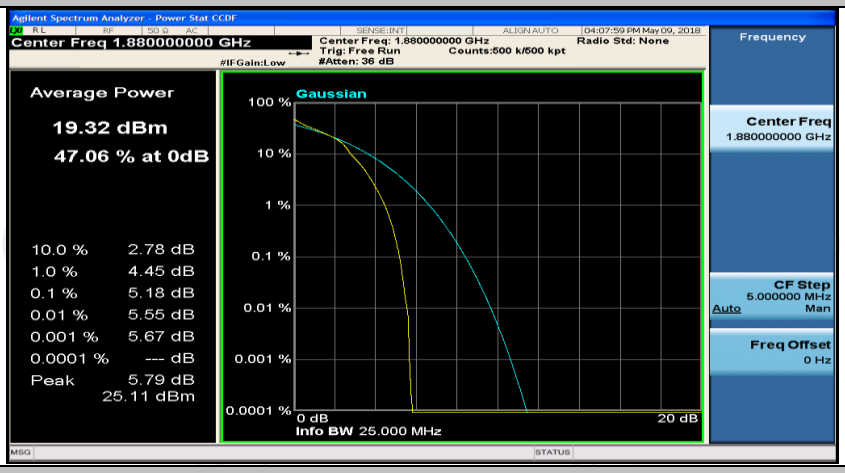


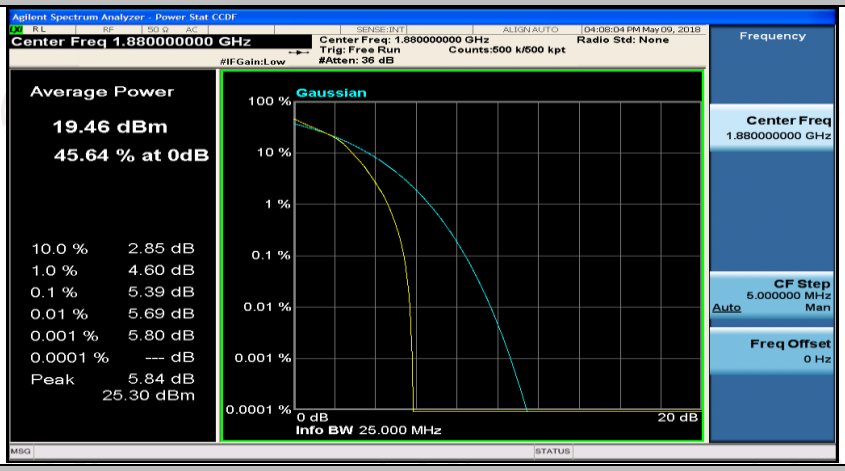
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#99



(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#0



(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#25



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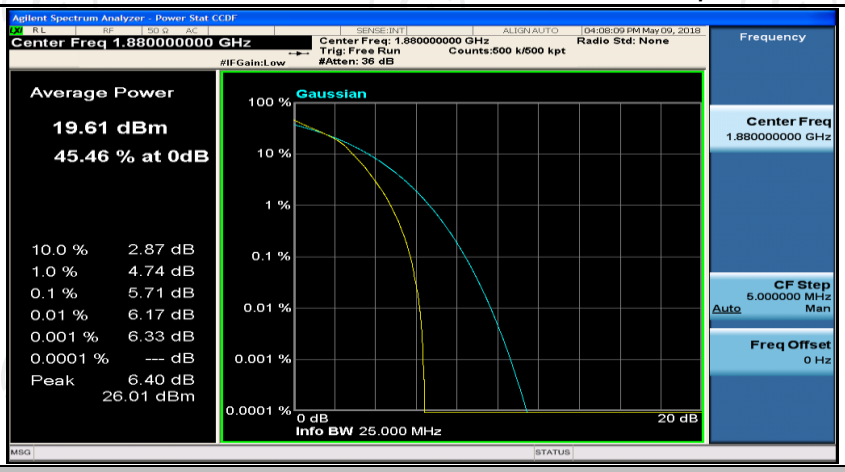
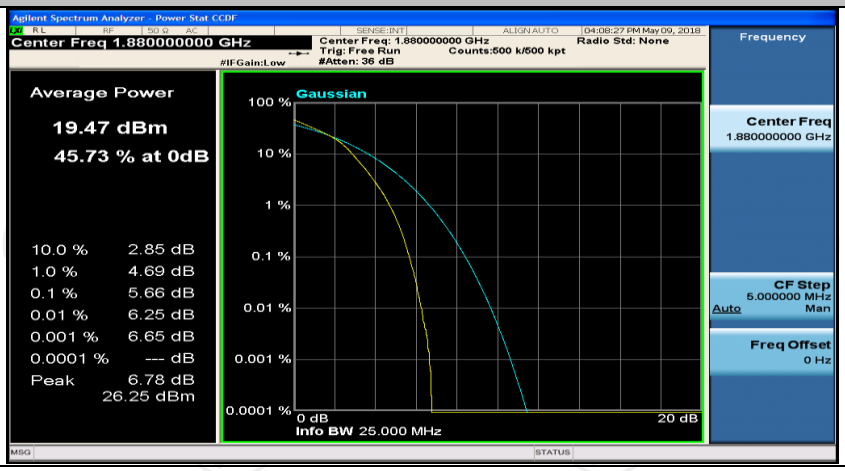
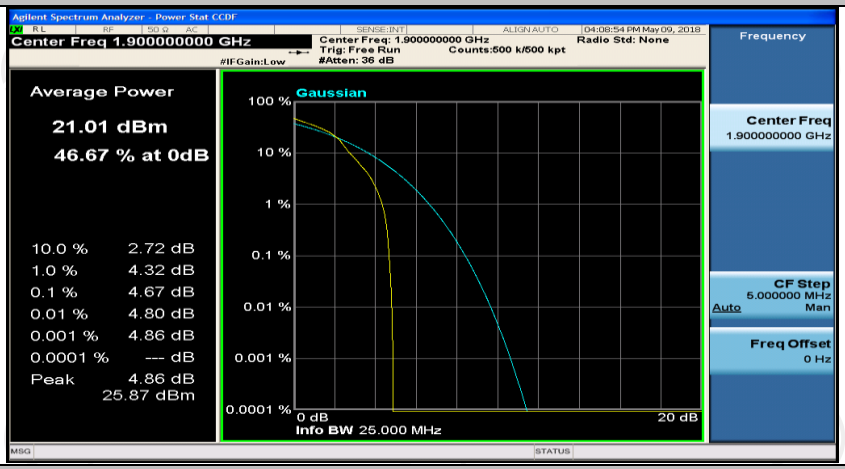


(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0



(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0



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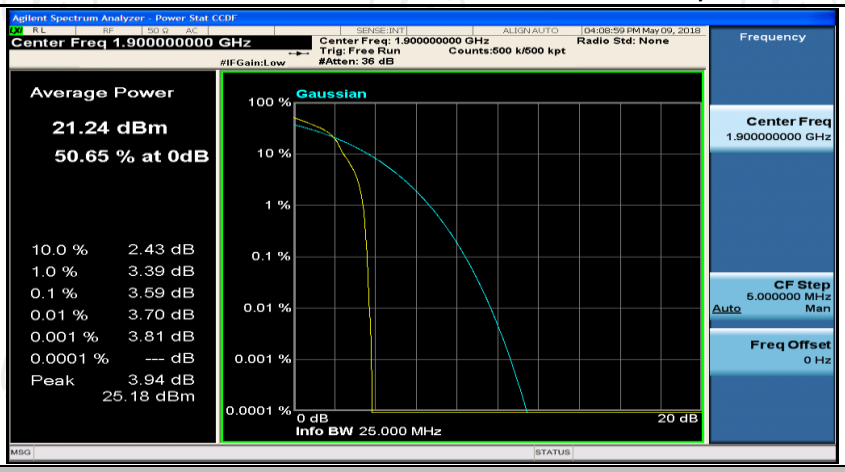
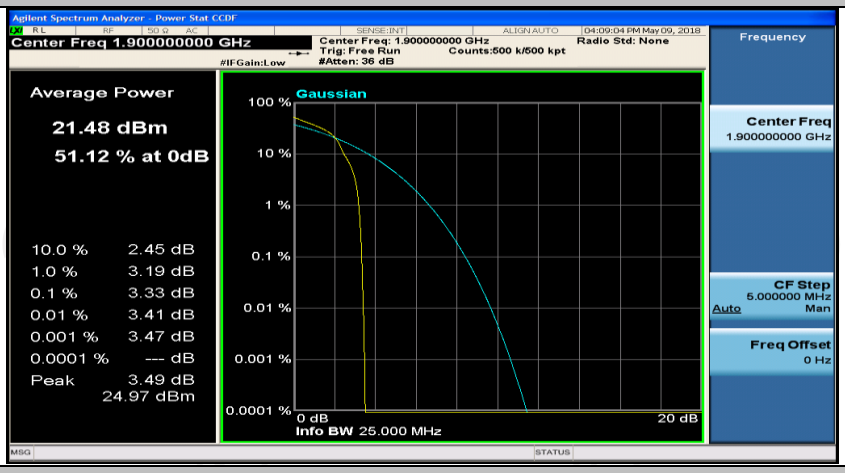
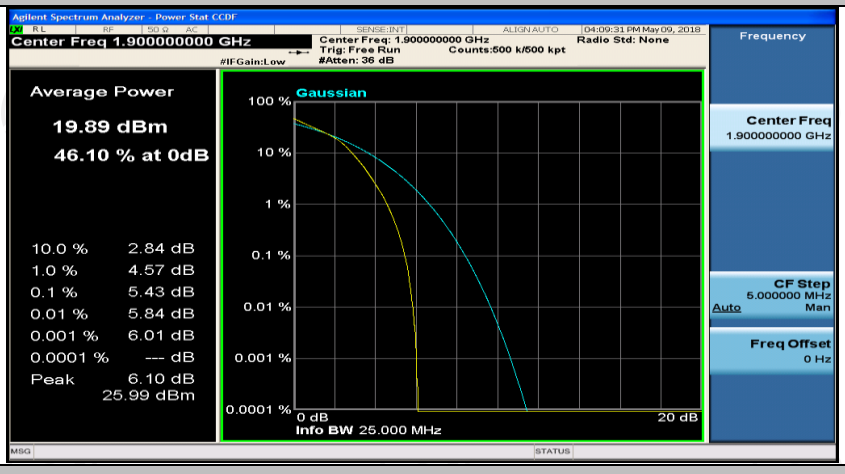


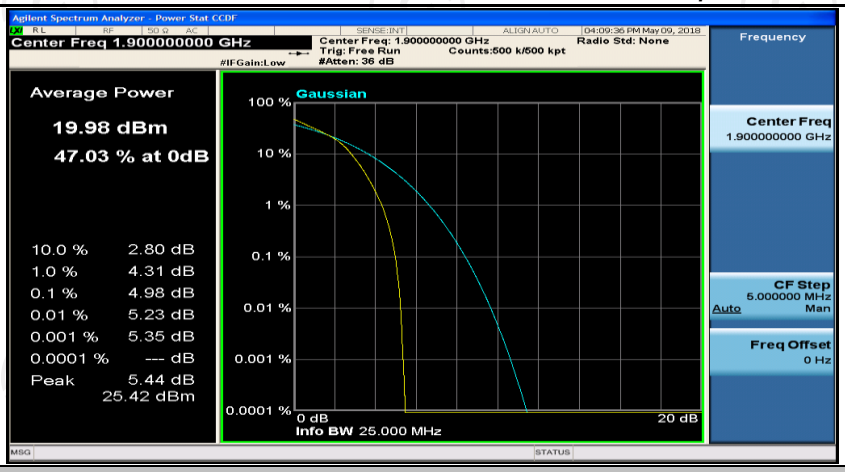
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#99



(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#0



(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#25



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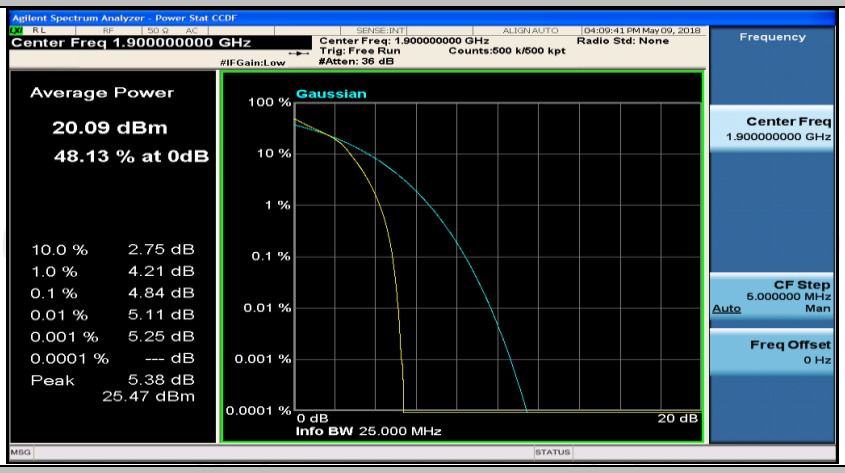
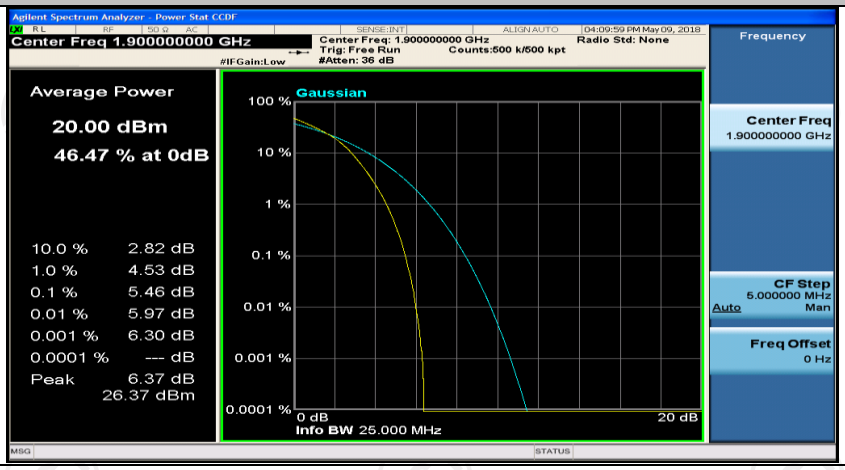


(Channel Bandwidth:20 MHz)_HCH_16QAM_100RB#0



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	0.22301	0.3599	PASS
		1	3	0.22798	0.3899	PASS
		1	5	0.21742	0.3575	PASS
		3	0	0.55234	0.7395	PASS
		3	2	0.55459	0.7527	PASS
		3	3	0.55037	0.7126	PASS
		6	0	1.0778	1.225	PASS
	MCH	1	0	0.22929	0.3606	PASS
		1	3	0.23835	0.3846	PASS
		1	5	0.22158	0.3488	PASS
		3	0	0.55539	0.7434	PASS
		3	2	0.55667	0.7518	PASS
		3	3	0.55091	0.7136	PASS
		6	0	1.0777	1.229	PASS
	HCH	1	0	0.24584	0.4444	PASS
		1	3	0.27437	0.4271	PASS
		1	5	0.23481	0.3880	PASS
		3	0	0.56089	0.7862	PASS
		3	2	0.56179	0.8895	PASS
		3	3	0.55895	0.8238	PASS
		6	0	1.0785	1.248	PASS
16QAM	LCH	1	0	0.23154	0.3469	PASS
		1	3	0.24061	0.3624	PASS
		1	5	0.23410	0.3538	PASS
		3	0	0.55513	0.7405	PASS
		3	2	0.55675	0.7252	PASS
		3	3	0.55666	0.7341	PASS
		6	0	1.0794	1.239	PASS
	MCH	1	0	0.23351	0.3755	PASS
		1	3	0.24860	0.3703	PASS

		1	5	0.23792	0.3872	PASS
		3	0	0.55784	0.7568	PASS
		3	2	0.55771	0.7886	PASS
		3	3	0.55886	0.7432	PASS
		6	0	1.0794	1.233	PASS
	HCH	1	0	0.24929	0.4292	PASS
		1	3	0.26457	0.4113	PASS
		1	5	0.25423	0.4436	PASS
		3	0	0.56015	0.8298	PASS
		3	2	0.56774	0.8307	PASS
		3	3	0.56407	0.8301	PASS
		6	0	1.0805	1.236	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	0.24598	0.3854	PASS
		1	7	0.26263	0.4252	PASS
		1	14	0.25161	0.4024	PASS
		8	0	1.4439	1.668	PASS
		8	4	1.4484	1.708	PASS
		8	7	1.4445	1.654	PASS
		15	0	2.6820	2.857	PASS
	MCH	1	0	0.25256	0.3964	PASS
		1	7	0.25991	0.4360	PASS
		1	14	0.26186	0.4231	PASS
		8	0	1.4453	1.666	PASS
		8	4	1.4466	1.718	PASS
		8	7	1.4442	1.623	PASS
		15	0	2.6828	2.854	PASS
	HCH	1	0	0.27124	0.4308	PASS
		1	7	0.29358	0.4608	PASS
		1	14	0.26792	0.4397	PASS
		8	0	1.4492	1.663	PASS
		8	4	1.4535	1.775	PASS
		8	7	1.4494	1.662	PASS
		15	0	2.6879	2.880	PASS
16QAM	LCH	1	0	0.25004	0.3897	PASS

		1	7	0.26175	0.4607	PASS
		1	14	0.25343	0.3789	PASS
		8	0	1.4489	1.661	PASS
		8	4	1.4483	1.714	PASS
		8	7	1.4429	1.679	PASS
		15	0	2.6825	2.870	PASS
	MCH	1	0	0.25357	0.4445	PASS
		1	7	0.26922	0.4302	PASS
		1	14	0.25277	0.3481	PASS
		8	0	1.4445	1.611	PASS
		8	4	1.4471	1.717	PASS
		8	7	1.4480	1.646	PASS
		15	0	2.6840	2.861	PASS
	HCH	1	0	0.26816	0.5074	PASS
		1	7	0.28028	0.4859	PASS
		1	14	0.26397	0.4608	PASS
		8	0	1.4456	1.698	PASS
		8	4	1.4539	1.716	PASS
		8	7	1.4437	1.643	PASS
		15	0	2.6839	2.875	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	0.33006	0.6069	PASS
		1	12	0.35674	0.5726	PASS
		1	24	0.34585	0.5698	PASS
		12	0	2.1776	2.569	PASS
		12	6	2.1823	2.616	PASS
		12	13	2.1762	2.540	PASS
		25	0	4.4816	4.823	PASS
	MCH	1	0	0.33886	0.5755	PASS
		1	12	0.37818	0.6524	PASS
		1	24	0.35831	0.5871	PASS
		12	0	2.1774	2.559	PASS
		12	6	2.1676	2.722	PASS
		12	13	2.1804	2.561	PASS
		25	0	4.4783	4.789	PASS

	HCH	1	0	0.35753	0.5781	PASS
		1	12	0.39360	0.6157	PASS
		1	24	0.36947	0.5839	PASS
		12	0	2.1798	2.629	PASS
		12	6	2.1818	2.738	PASS
		12	13	2.1824	2.628	PASS
		25	0	4.4866	4.868	PASS
16QAM	LCH	1	0	0.35727	0.5896	PASS
		1	12	0.37039	0.6325	PASS
		1	24	0.35661	0.5965	PASS
		12	0	2.1781	2.554	PASS
		12	6	2.1809	2.625	PASS
		12	13	2.1803	2.515	PASS
		25	0	4.4838	4.791	PASS
	MCH	1	0	0.35801	0.5694	PASS
		1	12	0.39151	0.6362	PASS
		1	24	0.35437	0.5614	PASS
		12	0	2.1792	2.537	PASS
		12	6	2.1810	2.606	PASS
		12	13	2.1769	2.512	PASS
		25	0	4.4866	4.850	PASS
	HCH	1	0	0.37585	0.6136	PASS
		1	12	0.39726	0.6140	PASS
		1	24	0.36934	0.6345	PASS
		12	0	2.1846	2.607	PASS
		12	6	2.1851	2.749	PASS
		12	13	2.1811	2.524	PASS
		25	0	4.4914	4.855	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	0.43629	0.6420	PASS
		1	25	0.44927	0.7259	PASS
		1	49	0.43400	0.6749	PASS
		25	0	4.5046	4.995	PASS
		25	12	4.5274	5.128	PASS
		25	25	4.5111	4.958	PASS
		50	0	8.9328	9.499	PASS
	MCH	1	0	0.43989	0.7204	PASS

		1	25	0.43097	0.6651	PASS
		1	49	0.44526	0.6791	PASS
		25	0	4.5101	4.997	PASS
		25	12	4.5091	5.081	PASS
		25	25	4.5115	5.008	PASS
		50	0	8.9401	9.463	PASS
	HCH	1	0	0.44680	0.6978	PASS
		1	25	0.46856	0.7150	PASS
		1	49	0.44451	0.7323	PASS
		25	0	4.5081	5.194	PASS
		25	12	4.5273	5.159	PASS
		25	25	4.5135	5.143	PASS
		50	0	8.9372	9.556	PASS
16QAM	LCH	1	0	0.42446	0.6553	PASS
		1	25	0.44233	0.7286	PASS
		1	49	0.43136	0.6748	PASS
		25	0	4.5059	4.957	PASS
		25	12	4.5095	5.106	PASS
		25	25	4.5059	4.975	PASS
		50	0	8.9327	9.497	PASS
	MCH	1	0	0.43444	0.6368	PASS
		1	25	0.45923	0.6967	PASS
		1	49	0.44484	0.6873	PASS
		25	0	4.5154	4.968	PASS
		25	12	4.5125	5.173	PASS
		25	25	4.5085	4.977	PASS
		50	0	8.9342	9.506	PASS
	HCH	1	0	0.44784	0.6839	PASS
		1	25	0.46831	0.6761	PASS
		1	49	0.44987	0.6601	PASS
		25	0	4.5188	4.988	PASS
		25	12	4.5146	5.134	PASS
		25	25	4.5093	5.139	PASS
		50	0	8.9298	9.499	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	0.55762	0.8459	PASS

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		1	37	0.53629	0.8147	PASS
		1	74	0.52463	0.7887	PASS
		37	0	6.4867	7.084	PASS
		37	18	6.4849	7.068	PASS
		37	38	6.4883	7.027	PASS
		75	0	13.408	14.02	PASS
	MCH	1	0	0.53949	0.7769	PASS
		1	37	0.54971	0.8251	PASS
		1	74	0.52514	0.7948	PASS
		37	0	6.5006	7.187	PASS
		37	18	6.4959	7.314	PASS
		37	38	6.5010	7.128	PASS
		75	0	13.426	14.15	PASS
	HCH	1	0	0.55627	0.8812	PASS
		1	37	0.56006	0.8609	PASS
		1	74	0.52313	0.8319	PASS
		37	0	6.5006	7.241	PASS
		37	18	6.5101	7.592	PASS
		37	38	6.5027	7.471	PASS
		75	0	13.393	14.22	PASS
16QAM	LCH	1	0	0.56263	0.8025	PASS
		1	37	0.52922	0.7239	PASS
		1	74	0.54924	0.8235	PASS
		37	0	6.4884	7.137	PASS
		37	18	6.4943	7.176	PASS
		37	38	6.4970	7.213	PASS
		75	0	13.408	14.07	PASS
	MCH	1	0	0.54077	0.8061	PASS
		1	37	0.55215	0.8040	PASS
		1	74	0.52000	0.7779	PASS
		37	0	6.4890	7.172	PASS
		37	18	6.4919	7.168	PASS
		37	38	6.4955	7.125	PASS
		75	0	13.398	14.05	PASS
	HCH	1	0	0.54160	0.7980	PASS
		1	37	0.55318	0.8070	PASS
		1	74	0.54670	0.9105	PASS
		37	0	6.4917	7.186	PASS
		37	18	6.4884	7.418	PASS
		37	38	6.4930	7.237	PASS
		75	0	13.382	14.06	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	0.59618	0.8884	PASS
		1	50	0.61336	0.9259	PASS
		1	99	0.61893	0.8901	PASS
		50	0	9.0062	9.752	PASS
		50	25	8.9910	9.680	PASS
		50	50	9.0059	9.652	PASS
		100	0	17.868	18.61	PASS
	MCH	1	0	0.61511	0.9649	PASS
		1	50	0.62589	0.9175	PASS
		1	99	0.62266	0.8699	PASS
		50	0	9.0071	9.773	PASS
		50	25	8.9988	9.811	PASS
		50	50	8.9930	9.805	PASS
		100	0	17.860	18.68	PASS
	HCH	1	0	0.60027	0.8615	PASS
		1	50	0.60930	0.8734	PASS
		1	99	0.60285	0.8834	PASS
		50	0	8.9974	9.824	PASS
		50	25	8.9886	9.849	PASS
		50	50	8.9937	9.832	PASS
		100	0	17.842	18.63	PASS
16QAM	LCH	1	0	0.61866	0.8961	PASS
		1	50	0.61531	0.8745	PASS
		1	99	0.60317	0.8748	PASS
		50	0	8.9955	9.609	PASS
		50	25	8.9966	9.818	PASS
		50	50	8.9905	9.588	PASS
		100	0	17.886	18.62	PASS
	MCH	1	0	0.63299	0.9926	PASS
		1	50	0.61394	0.9005	PASS
		1	99	0.61197	0.8638	PASS
		50	0	8.9868	9.702	PASS
		50	25	8.9803	9.664	PASS
		50	50	9.0017	9.658	PASS
		100	0	17.872	18.62	PASS
	HCH	1	0	0.61290	0.9235	PASS

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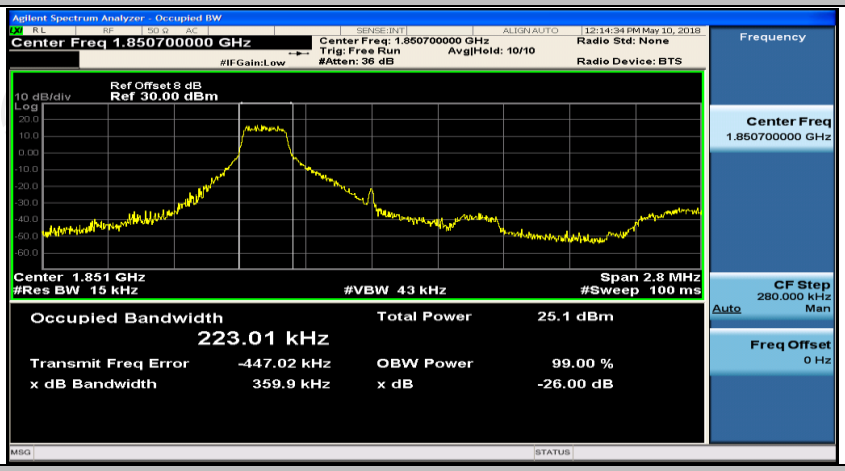
		1	50	0.61031	0.9437	PASS
		1	99	0.60345	0.9345	PASS
		50	0	8.9911	9.633	PASS
		50	25	8.9879	9.724	PASS
		50	50	8.9882	9.694	PASS
		100	0	17.852	18.63	PASS

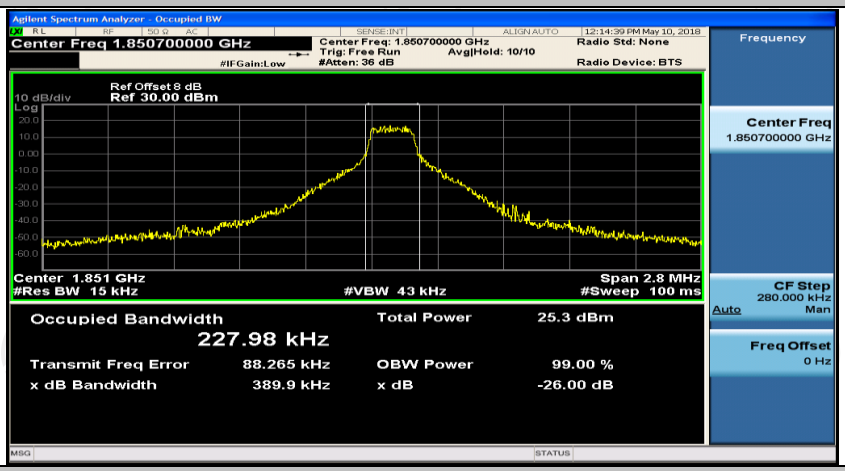
Test Graphs

Channel Bandwidth: 1.4 MHz

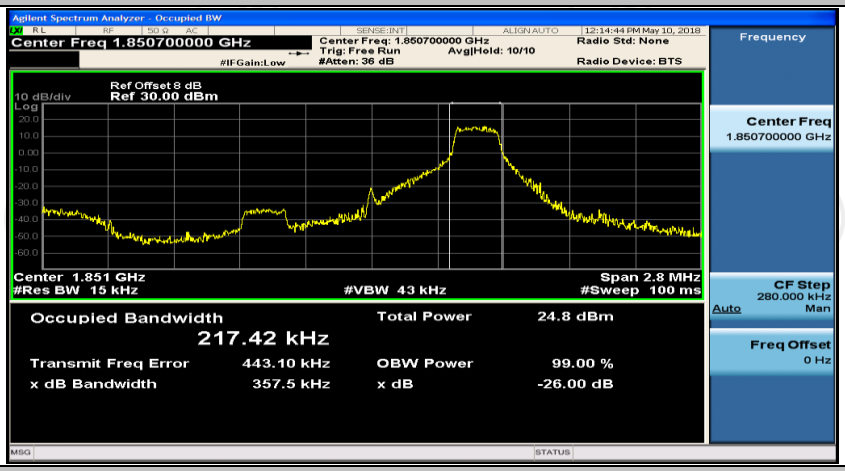
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0



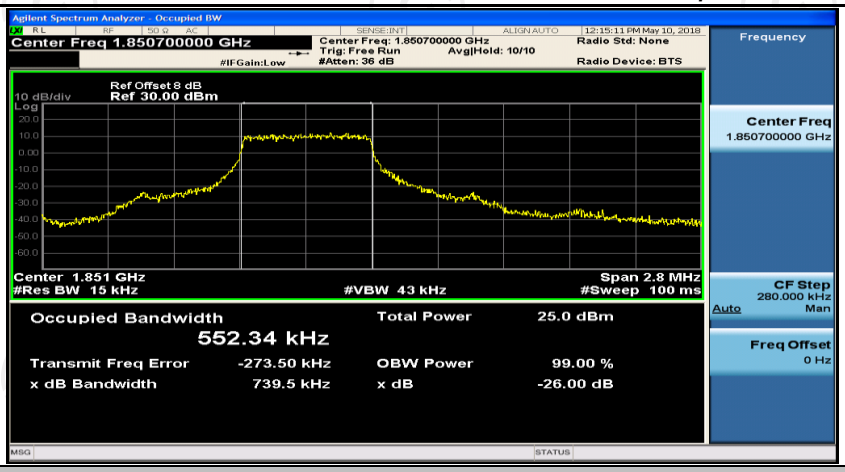
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#3



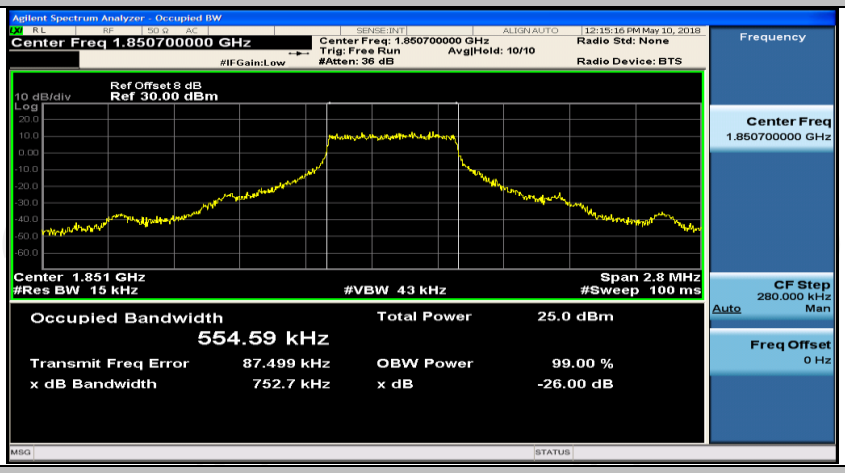
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5



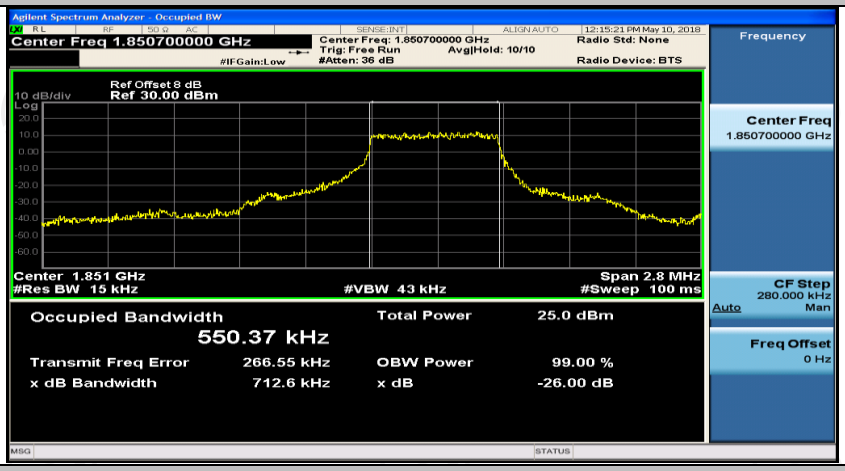
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#0



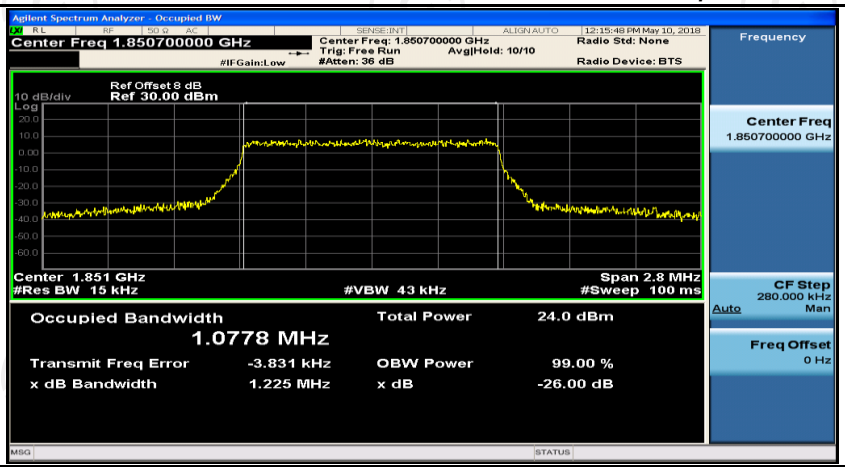
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2



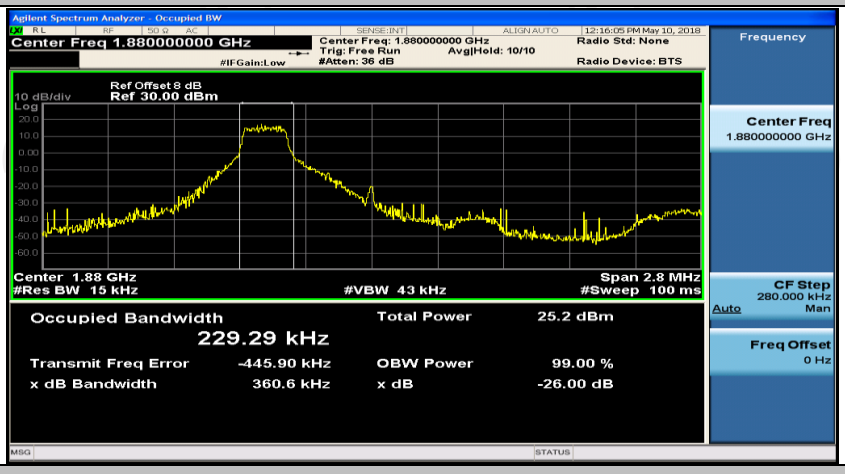
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#3



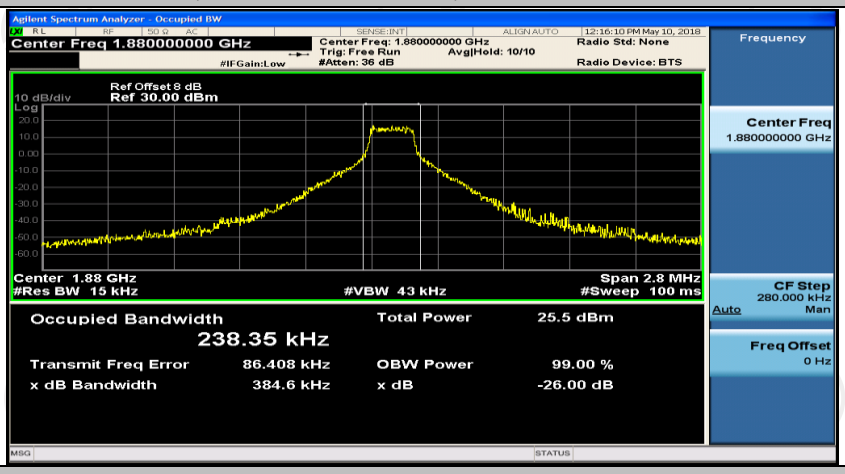
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



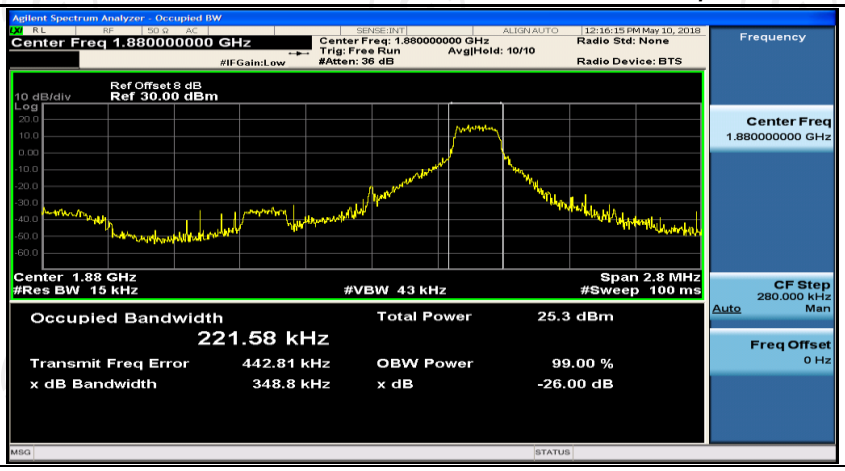
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



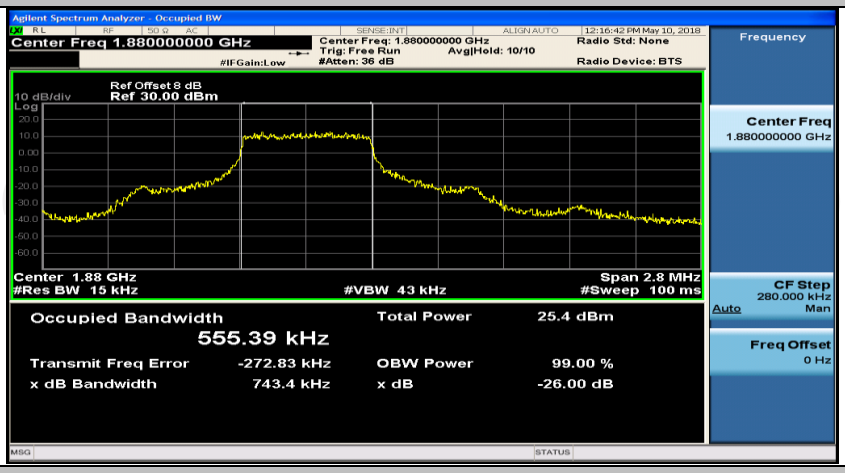
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



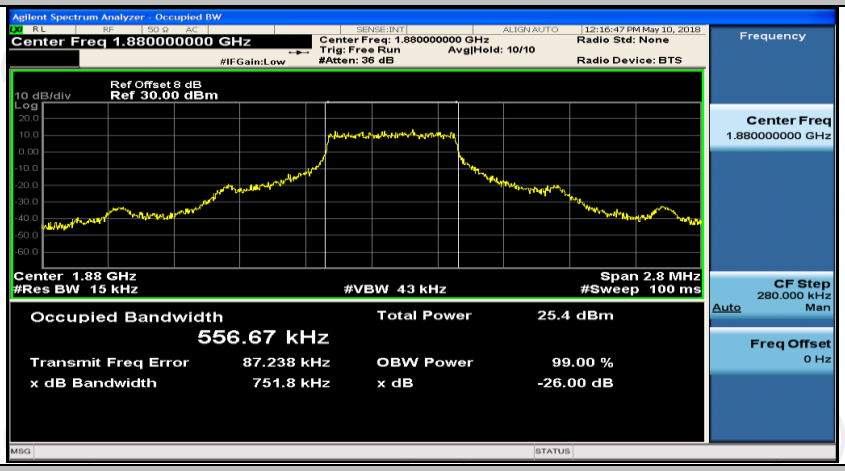
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5



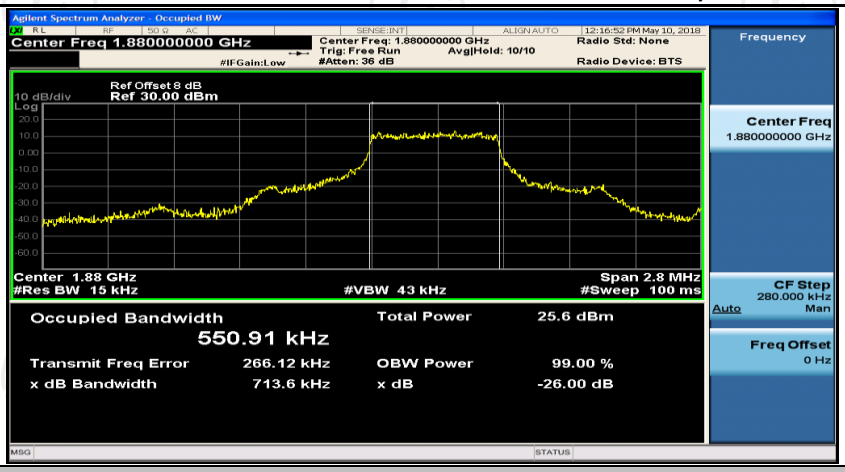
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#0



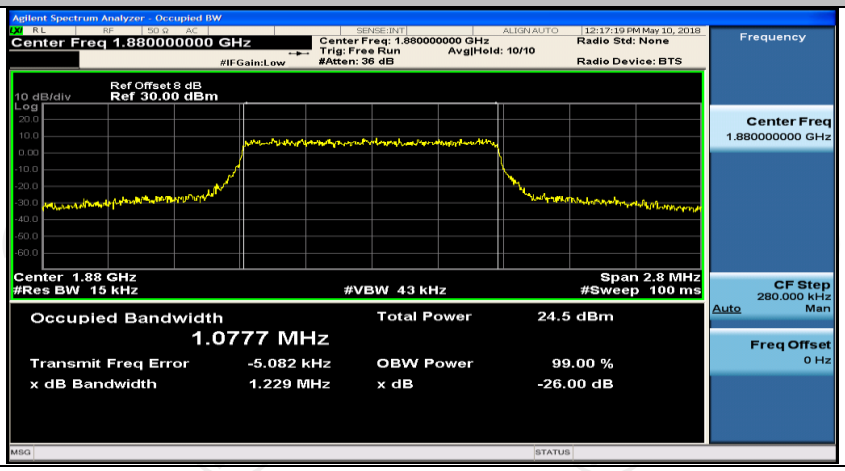
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#2



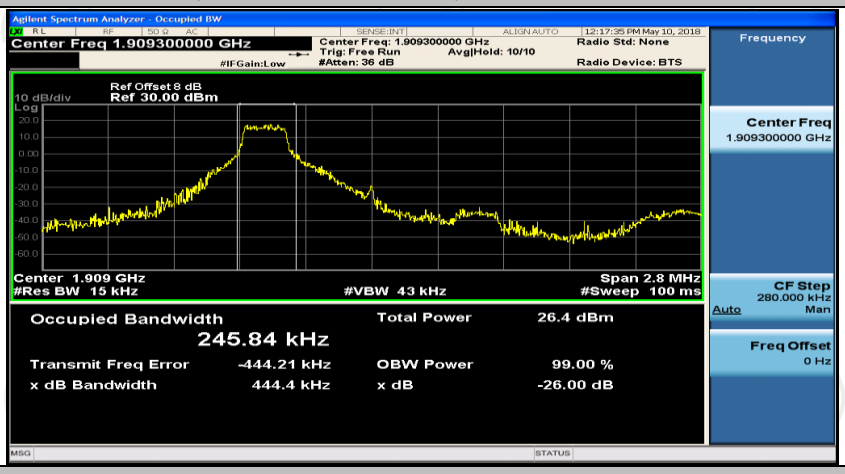
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#3



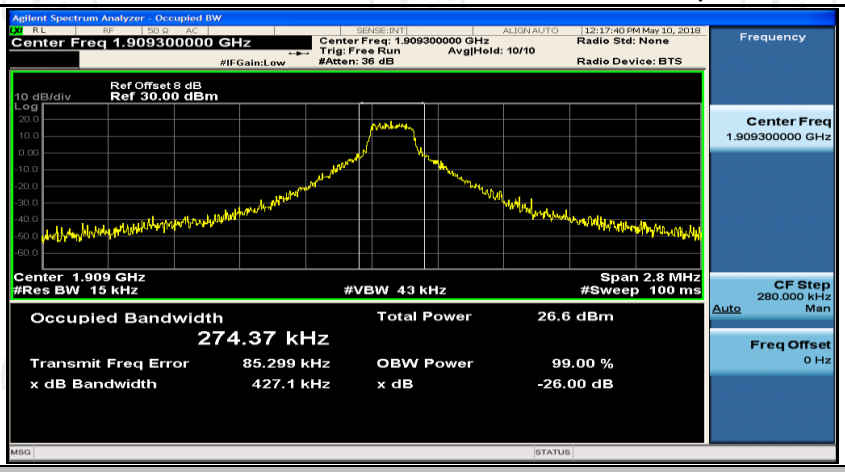
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



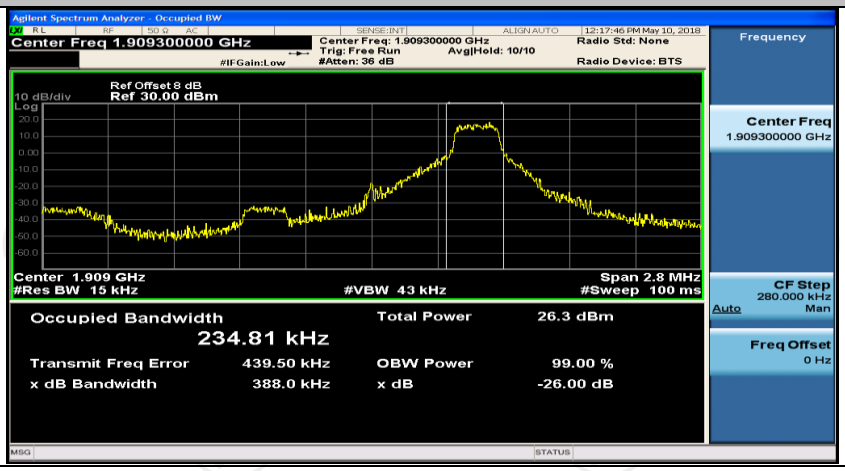
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



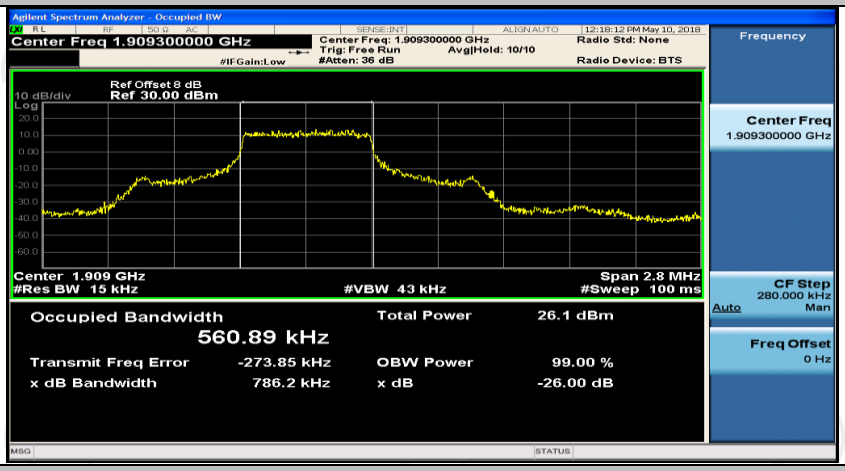
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3



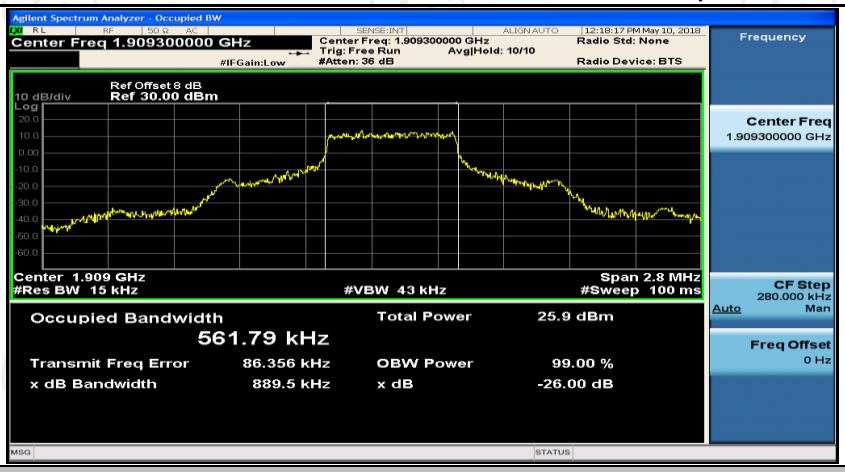
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



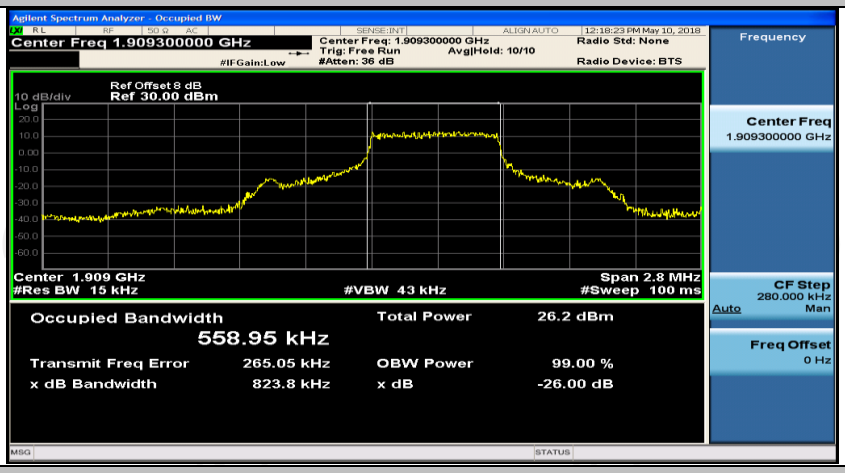
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0



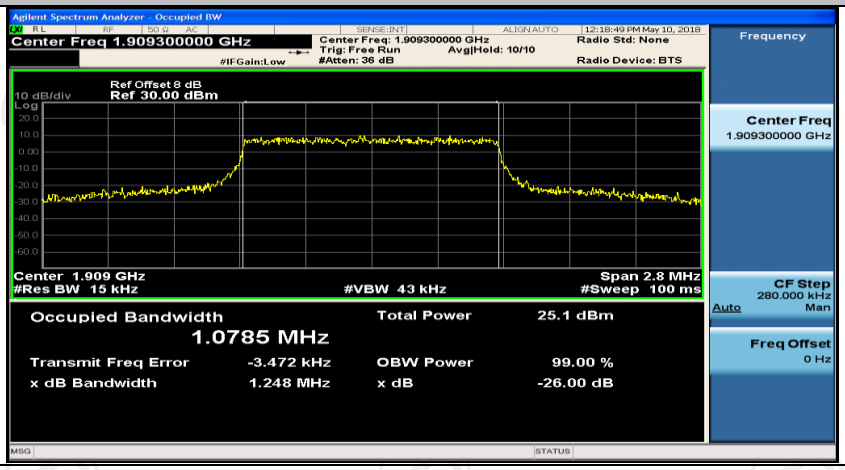
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2



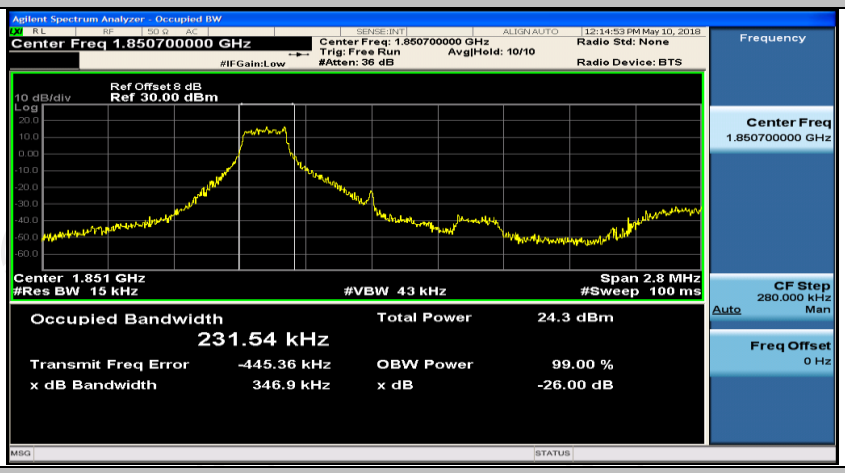
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#3



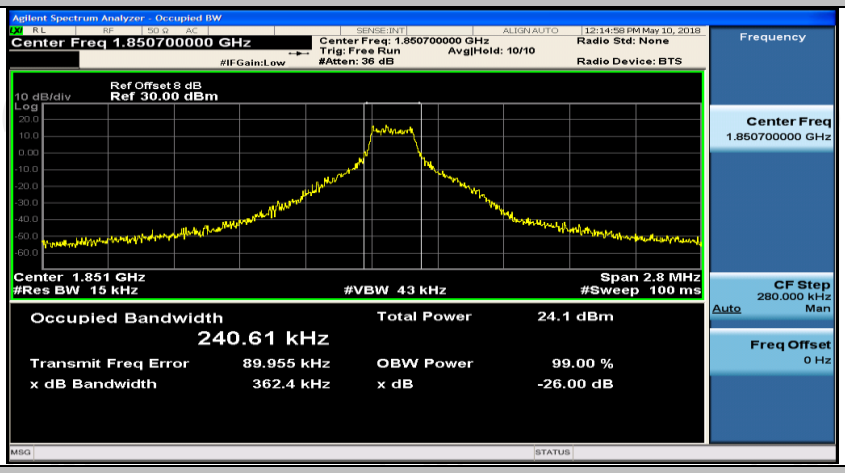
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



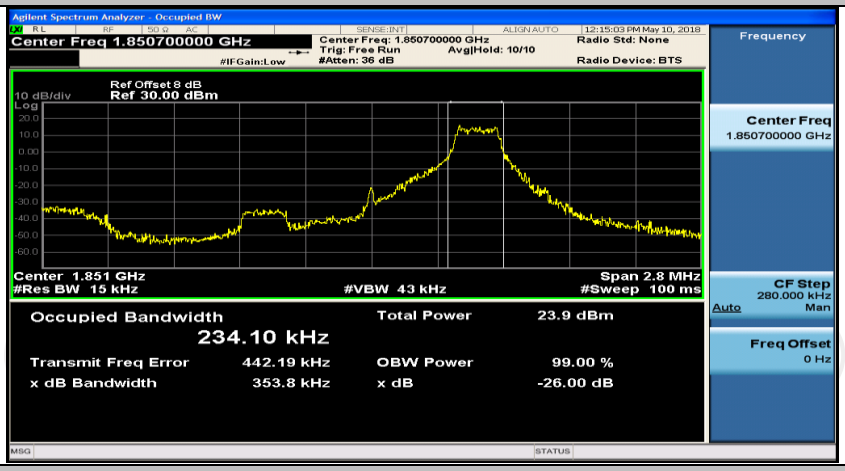
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



(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

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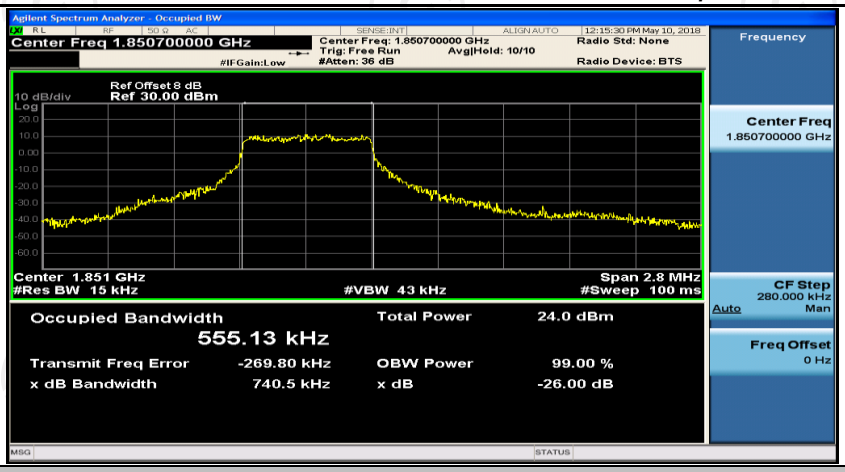
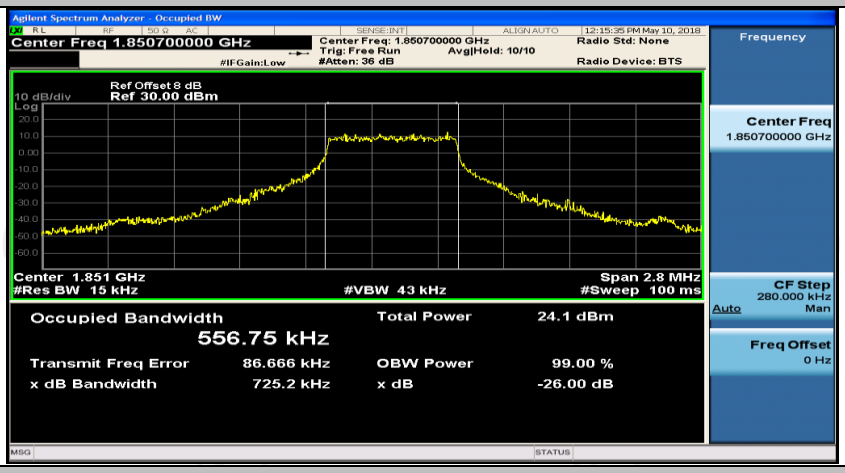
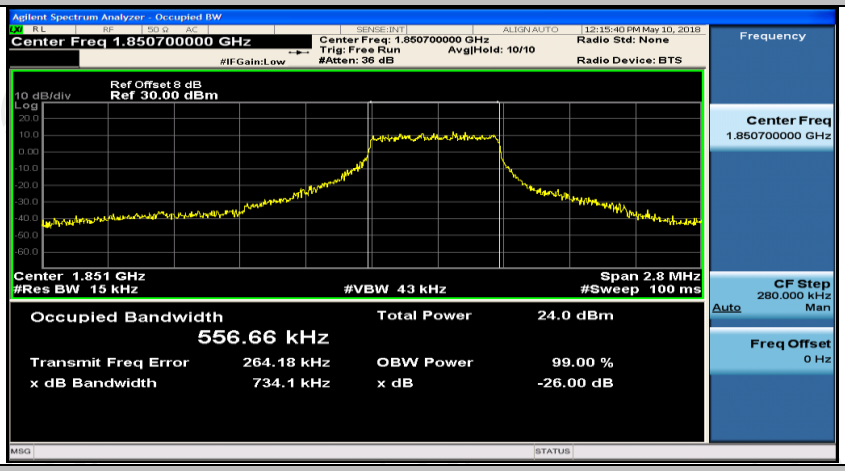


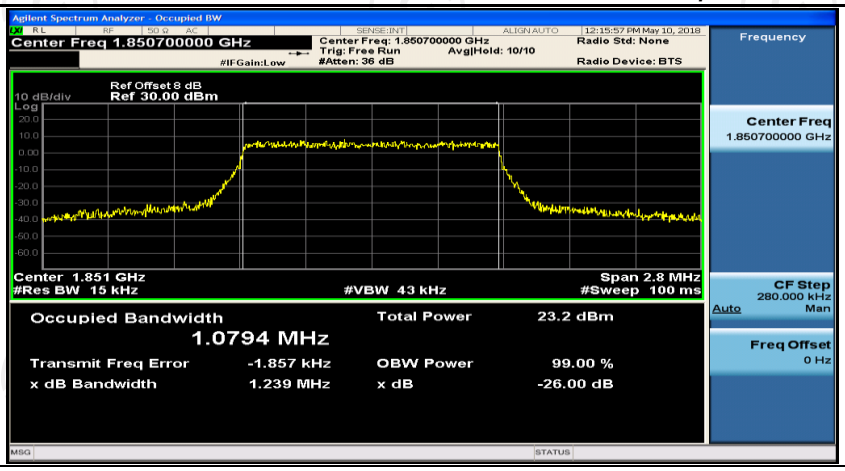
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#2



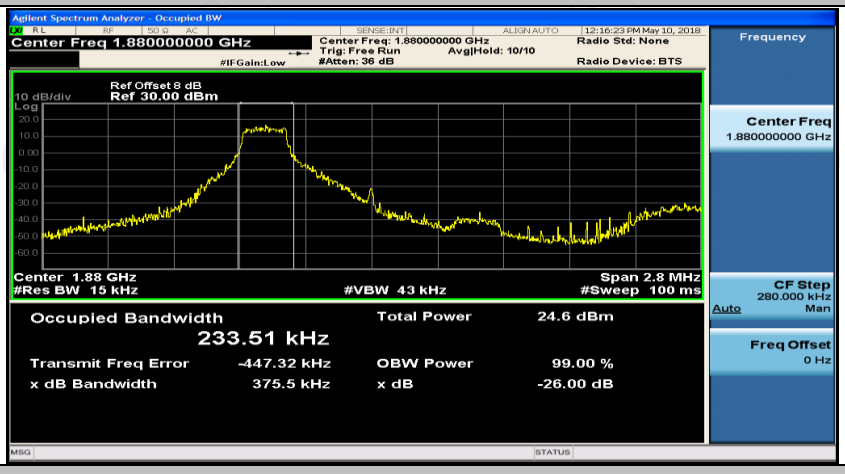
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3



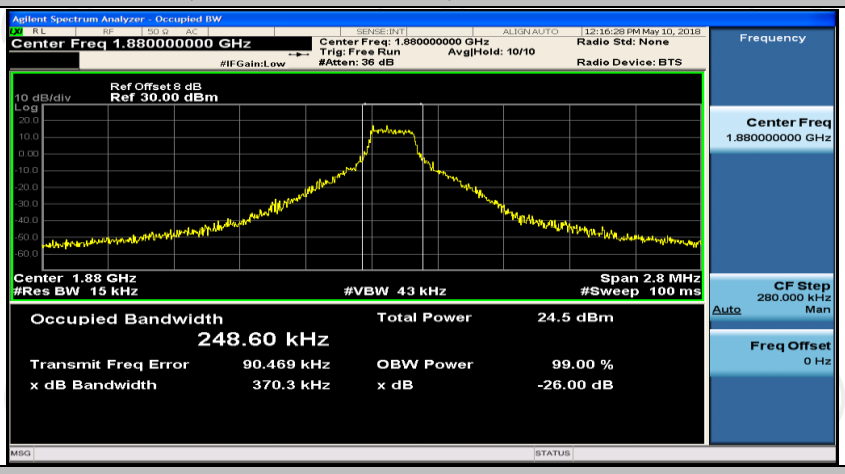
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



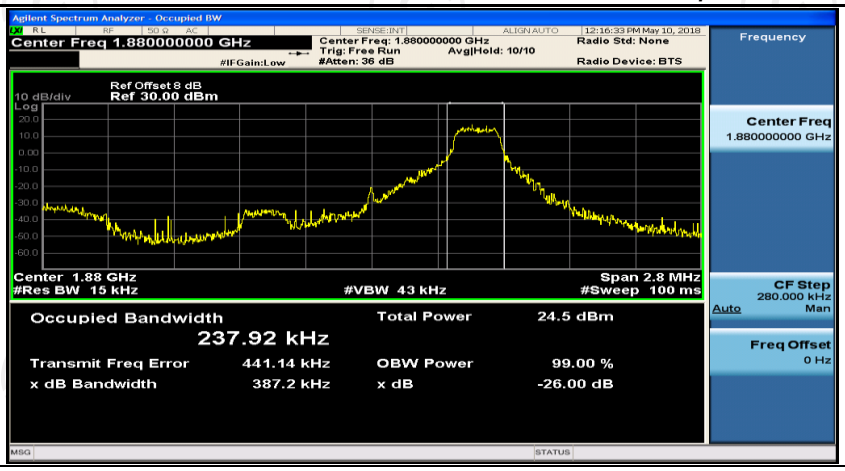
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0



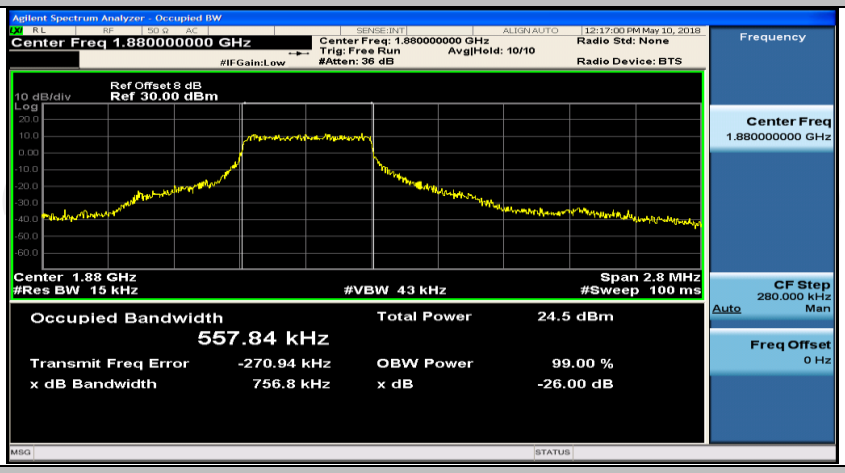
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3



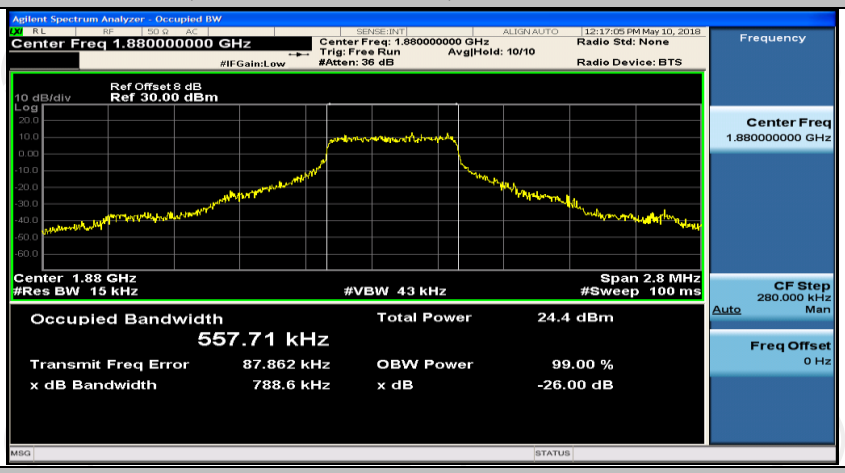
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5



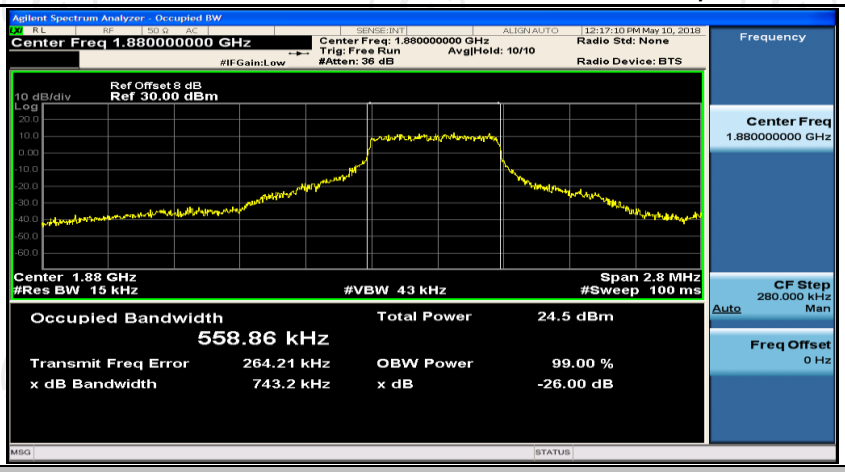
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#0



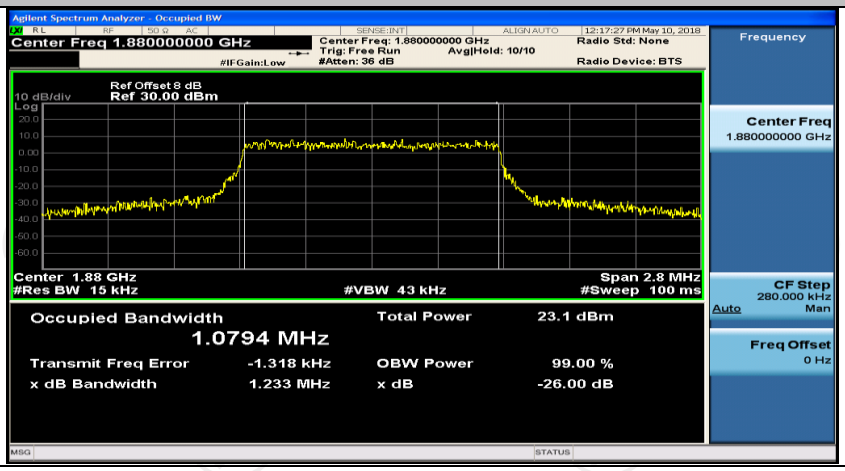
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#2



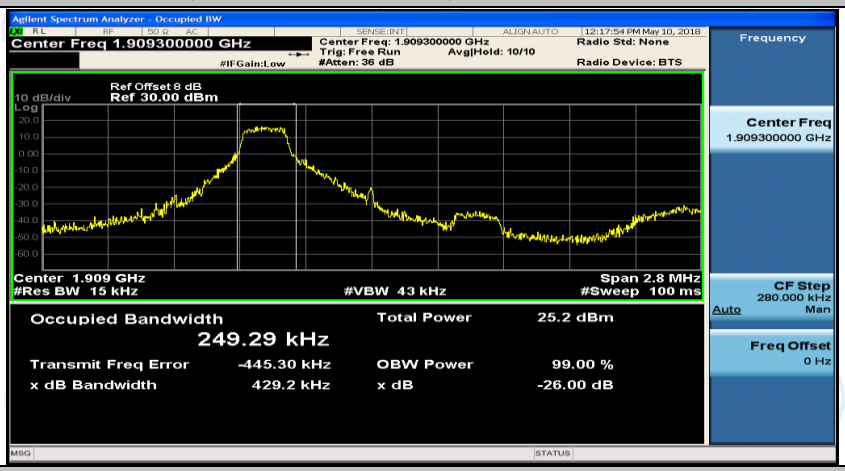
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#3



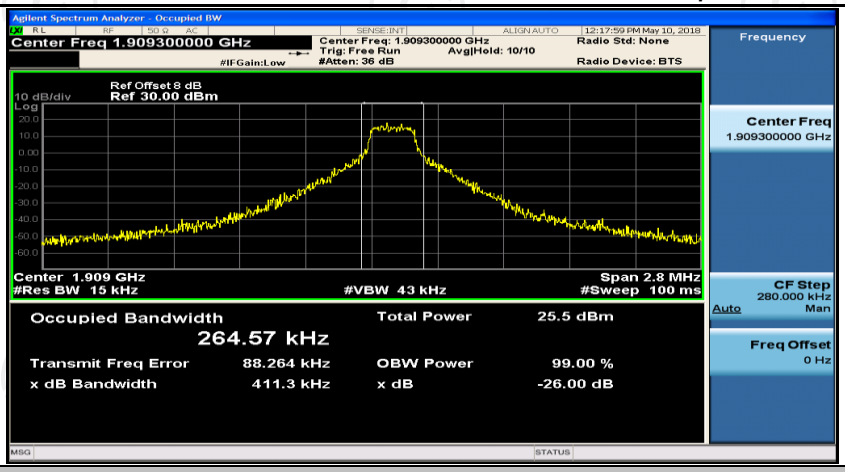
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



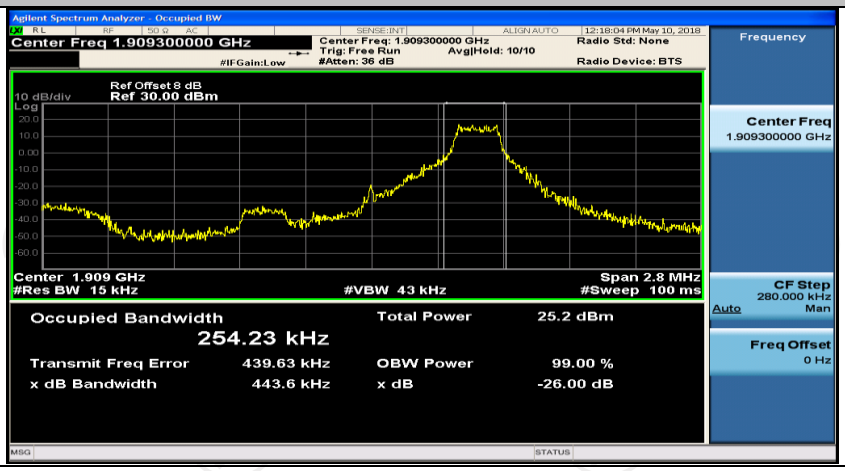
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



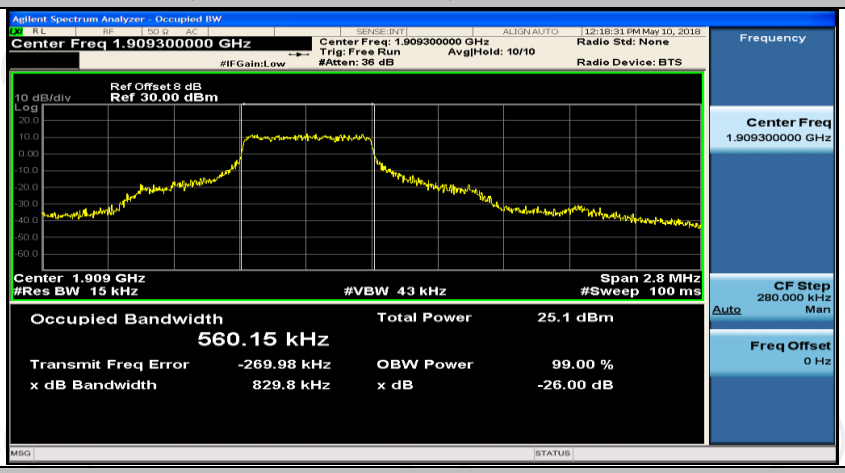
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



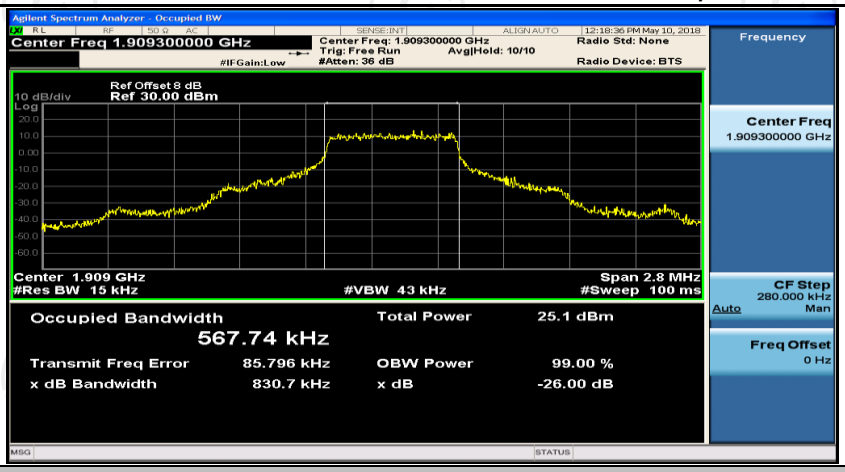
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



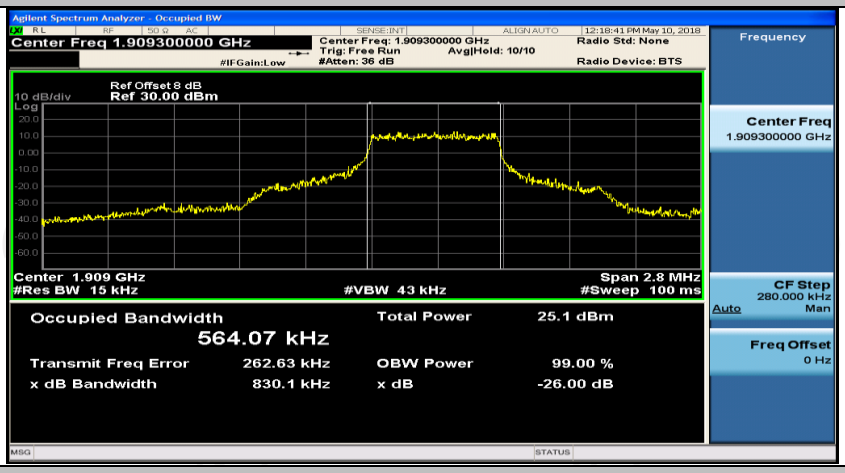
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#0



(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