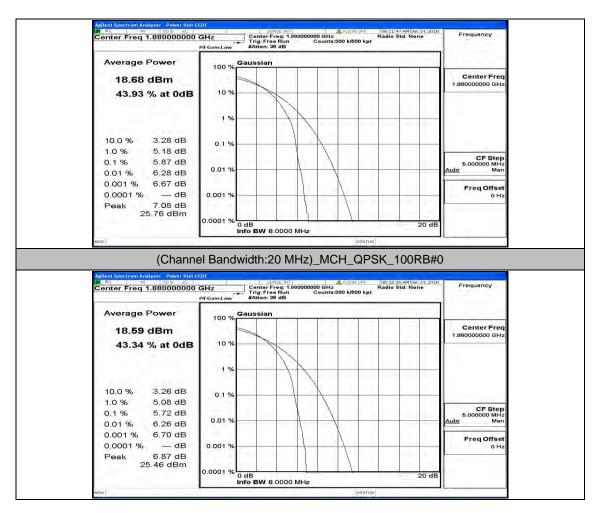
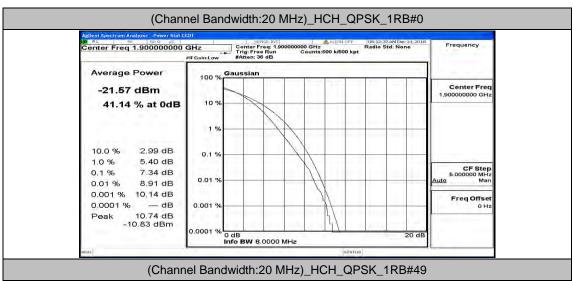
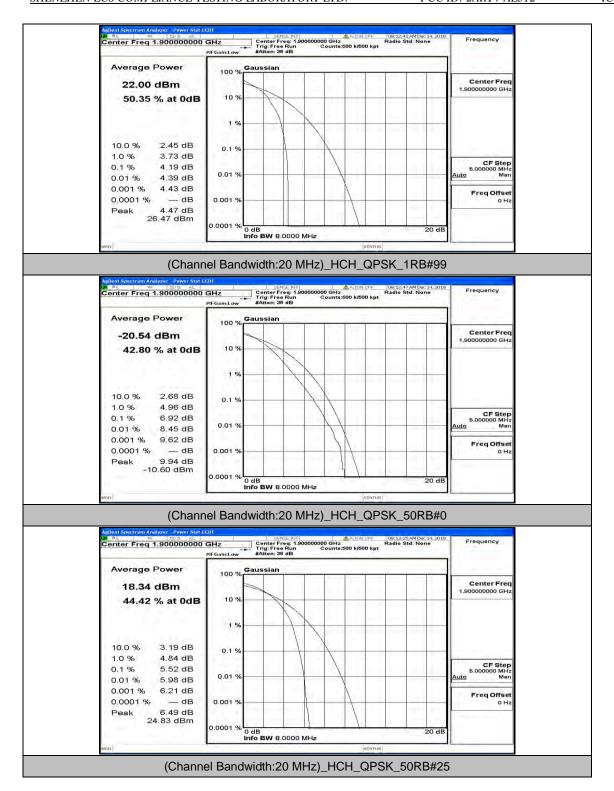
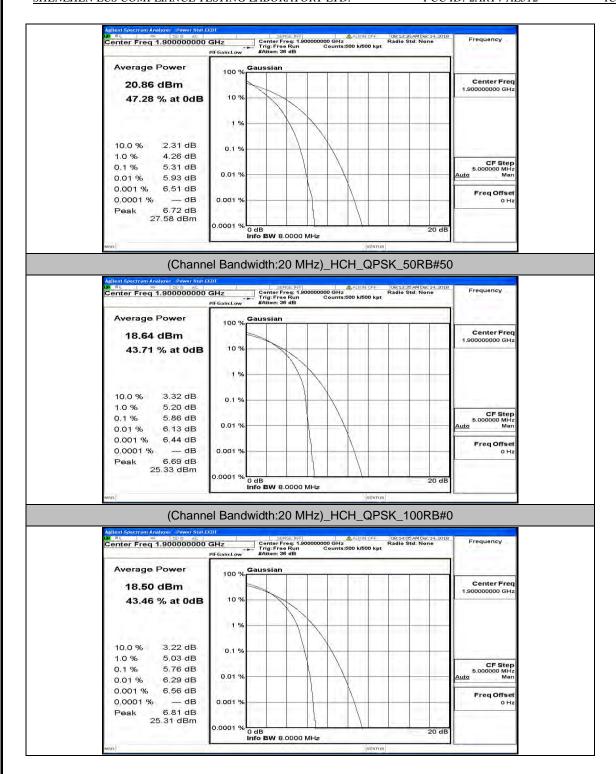


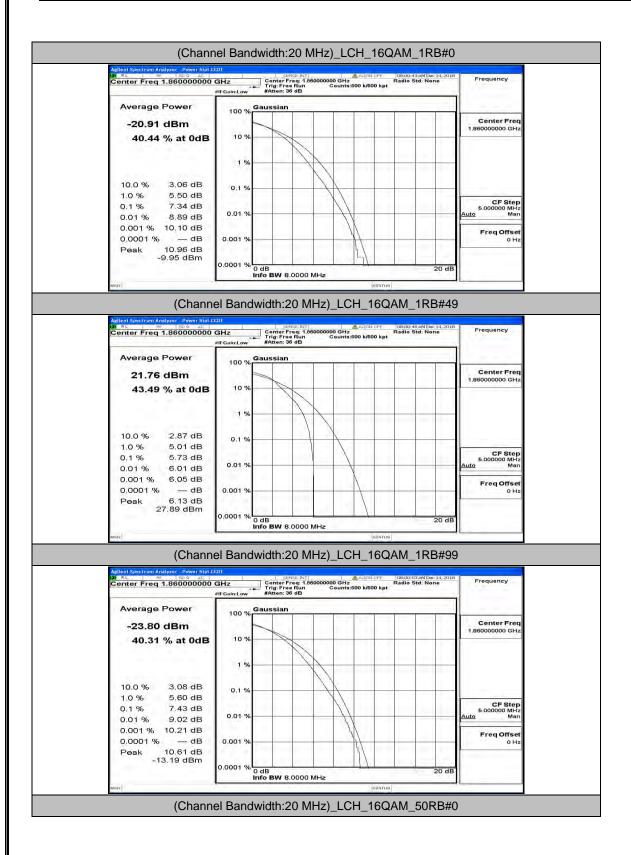
FCC ID: 2ARY4-AL312

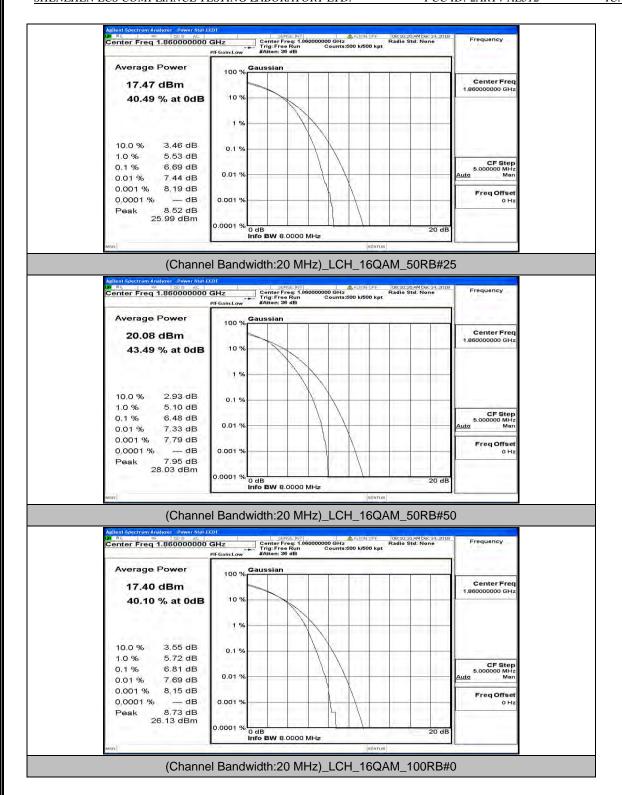


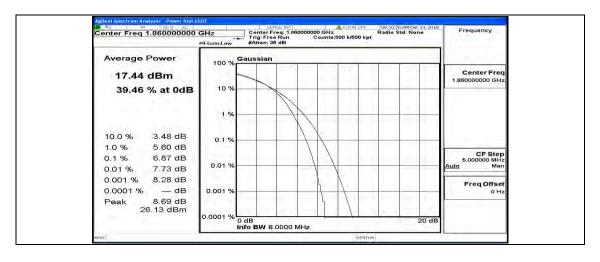


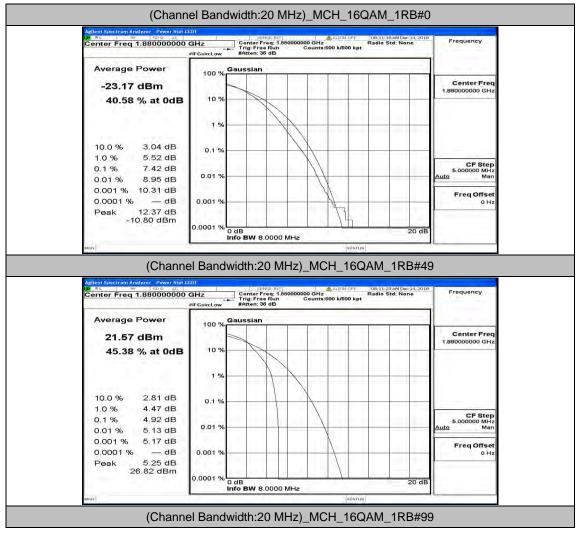


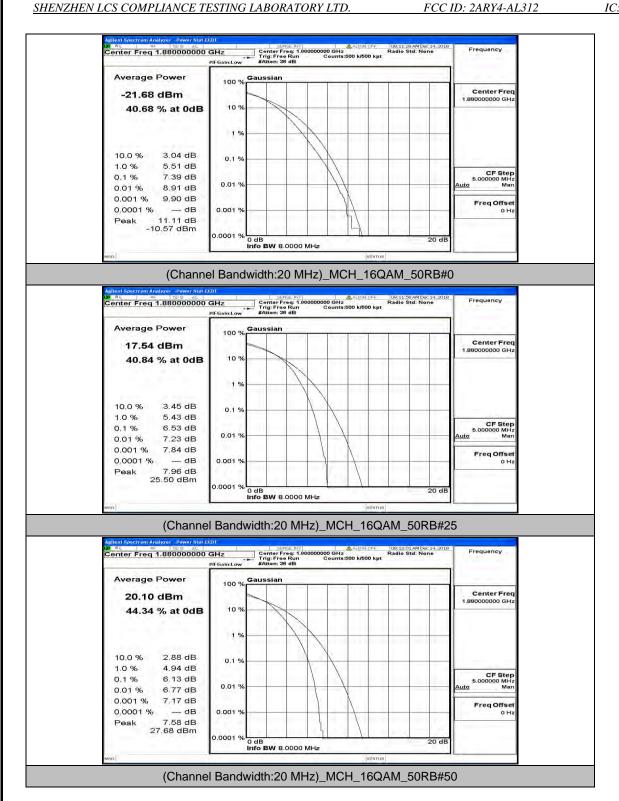


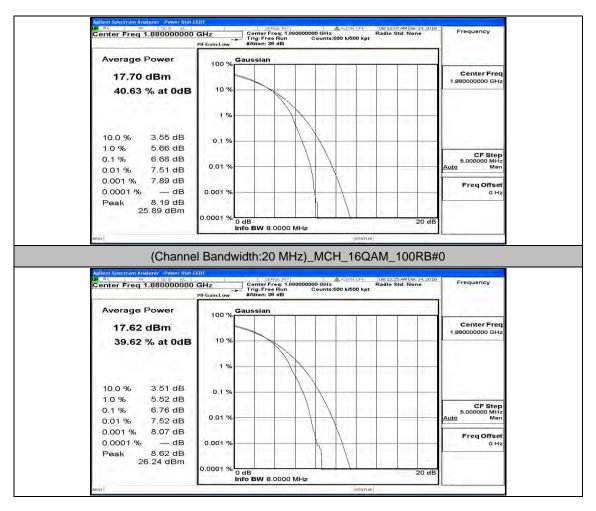


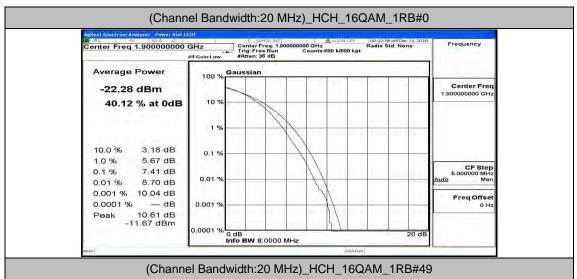


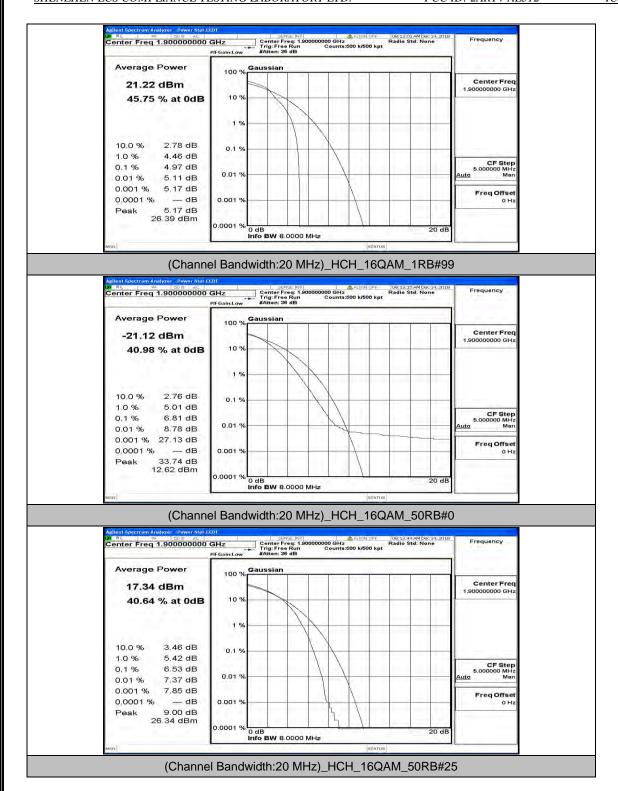


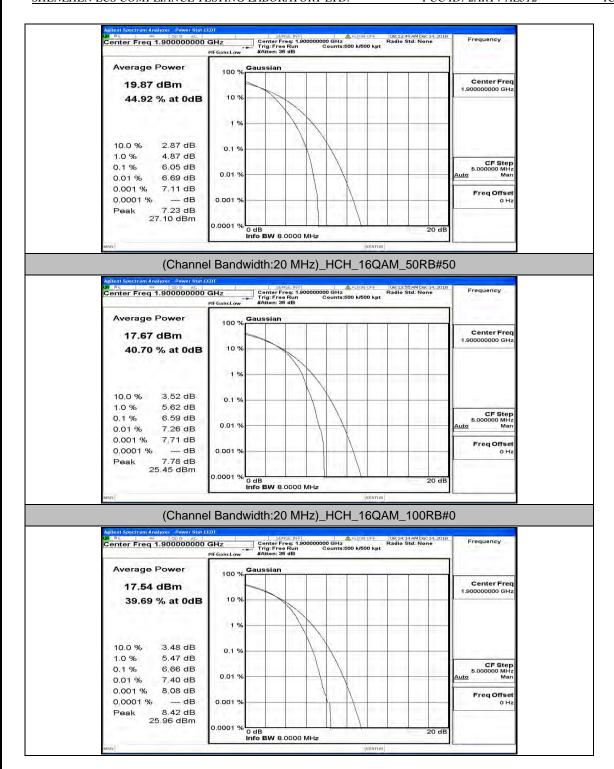












C.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz						
		RB Conf	figuration	Occupied	OCAD Danadouidable	
Modulation	Channel	0:	04	Bandwidth	26dB Bandwidth	Verdict
		Size	Offset	(MHz)	(MHz)	
		1	0	0.22727	0.3353	PASS
		1	3	0.22059	0.3449	PASS
		1	5	0.22194	0.3505	PASS
	LCH	3	0	0.55227	0.7176	PASS
		3	2	0.54902	0.7063	PASS
		3	3	0.54775	0.7046	PASS
		6	0	1.0746	1.222	PASS
		1	0	0.23216	0.3689	PASS
		1	3	0.22731	0.3590	PASS
ODOK		1	5	0.22489	0.3534	PASS
QPSK	MCH	3	0	0.55193	0.7248	PASS
		3	2	0.55636	0.7304	PASS
		3	3	0.54987	0.7010	PASS
		6	0	1.0713	1.223	PASS
	НСН	1	0	0.22877	0.3759	PASS
		1	3	0.22396	0.3623	PASS
		1	5	0.22351	0.3480	PASS
		3	0	0.55366	0.7130	PASS
		3	2	0.55325	0.7182	PASS
		3	3	0.55491	0.7013	PASS
		6	0	1.0778	1.224	PASS
		1	0	0.23700	0.3407	PASS
		1	3	0.23508	0.3738	PASS
		1	5	0.23880	0.3851	PASS
	LCH	3	0	0.55674	0.7268	PASS
		3	2	0.55556	0.7306	PASS
		3	3	0.55707	0.7542	PASS
400 414		6	0	1.0805	1.239	PASS
16QAM		1	0	0.22496	0.3635	PASS
		1	3	0.24300	0.3912	PASS
		1	5	0.24731	0.3576	PASS
	MCH	3	0	0.55334	0.7337	PASS
		3	2	0.55801	0.7549	PASS
		3	3	0.55348	0.7386	PASS
		6	0	1.0779	1.206	PASS

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		1	0	0.23206	0.3851	PASS
нсн	1	3	0.24557	0.4242	PASS	
	1	5	0.23241	0.3781	PASS	
	HCH	3	0	0.55336	0.7198	PASS
	3	2	0.55124	0.7312	PASS	
		3	3	0.54937	0.7078	PASS
		6	0	1.0767	1.229	PASS

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IC: 24586-AL312

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz							
		RB Configuration		Occupied	26dB Bandwidth		
Modulation	Channel	Size	Offset	Bandwidth	(MHz)	Verdict	
		Oize	Oliset	(MHz)	(1711 12)		
		1	0	0.26198	0.4113	PASS	
		1	7	0.26267	0.4091	PASS	
		1	14	0.27258	0.3916	PASS	
	LCH	8	0	1.4433	1.641	PASS	
		8	4	1.4454	1.664	PASS	
		8	7	1.4457	1.624	PASS	
		15	0	2.6772	2.827	PASS	
		1	0	0.25483	0.3957	PASS	
		1	7	0.27478	0.4446	PASS	
ODCK	МСН	1	14	0.26822	0.3999	PASS	
QPSK		8	0	1.4476	1.648	PASS	
		8	4	1.4469	1.667	PASS	
		8	7	1.4459	1.626	PASS	
		15	0	2.6779	2.831	PASS	
	нсн	1	0	0.25593	0.3861	PASS	
		1	7	0.25266	0.4184	PASS	
		1	14	0.26529	0.4147	PASS	
		8	0	1.4453	1.619	PASS	
		8	4	1.4482	1.681	PASS	
		8	7	1.4426	1.647	PASS	
		15	0	2.6791	2.837	PASS	
		1	0	0.26124	0.4089	PASS	
		1	7	0.26120	0.4205	PASS	
		1	14	0.26124	0.3942	PASS	
16044	LCH	8	0	1.4419	1.626	PASS	
16QAM		8	4	1.4458	1.700	PASS	
		8	7	1.4467	1.631	PASS	
		15	0	2.6791	2.850	PASS	
	MCH	1	0	0.26931	0.4070	PASS	

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	1	7	0.26409	0.4459	PASS
	1	14	0.26297	0.3845	PASS
	8	0	1.4432	1.654	PASS
	8	4	1.4453	1.710	PASS
	8	7	1.4441	1.663	PASS
	15	0	2.6794	2.836	PASS
	1	0	0.26090	0.4140	PASS
	1	7	0.27118	0.4296	PASS
	1	14	0.26932	0.4069	PASS
HCH	8	0	1.4422	1.626	PASS
	8	4	1.4459	1.702	PASS
	8	7	1.4410	1.640	PASS

2.6819

FCC ID: 2ARY4-AL312

2.841

PASS

IC: 24586-AL312

Channel Bandwidth: 5 MHz

SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD.

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Channel Bandwidth: 5 MHz							
Modulation	Channel	RB Conf	figuration	Occupied Bandwidth	26dB Bandwidth	Verdict	
Wodulation	Onarmer	Size	Offset	(MHz)	(MHz)	Verdict	
		1	0	0.33204	0.5525	PASS	
		1	12	0.35276	0.5837	PASS	
		1	24	0.34359	0.5670	PASS	
	LCH	12	0	2.1791	2.569	PASS	
		12	6	2.1802	2.520	PASS	
		12	13	2.1799	2.543	PASS	
		25	0	4.4787	4.830	PASS	
		1	0	0.33772	0.5589	PASS	
	мсн	1	12	0.35575	0.5589	PASS	
QPSK		1	24	0.34312	0.5323	PASS	
QPSK		12	0	2.1806	2.624	PASS	
		12	6	2.1755	2.548	PASS	
		12	13	2.1802	2.564	PASS	
		25	0	4.4785	4.854	PASS	
		1	0	0.33635	0.5252	PASS	
		1	12	0.37773	0.5987	PASS	
		1	24	0.35622	0.6009	PASS	
	HCH	12	0	2.1720	2.551	PASS	
		12	6	2.1782	2.657	PASS	
		12	13	2.1780	2.581	PASS	
		25	0	4.4747	4.827	PASS	
		1	0	0.33696	0.5699	PASS	
16QAM	LCH	1	12	0.35123	0.5570	PASS	
		1	24	0.35209	0.6018	PASS	

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		12	0	2.1779	2.599	PASS
		12	6	2.1787	2.568	PASS
		12	13	2.1751	2.584	PASS
		25	0	4.4799	4.846	PASS
		1	0	0.34041	0.5844	PASS
		1	12	0.34623	0.6061	PASS
		1	24	0.33971	0.5538	PASS
	MCH	12	0	2.1782	2.571	PASS
		12	6	2.1788	2.613	PASS
		12	13	2.1785	2.572	PASS
		25	0	4.4816	4.844	PASS
		1	0	0.36798	0.6075	PASS
		1	12	0.39234	0.6658	PASS
		1	24	0.38491	0.6731	PASS
	НСН	12	0	2.1760	2.545	PASS
		12	6	2.1760	2.527	PASS
		12	13	2.1728	2.563	PASS
		25	0	4.4807	4.885	PASS

Channel Bandwidth: 10 MHz

	Channel Bandwidth: 10 MHz								
		RB Conf	iguration	Occupied	26dB Bandwidth				
Modulation	Channel	Size	Offset	Bandwidth	(MHz)	Verdict			
				(MHz)					
		1	0	0.44564	0.6732	PASS			
		1	25	0.43407	0.6836	PASS			
		1	49	0.42407	0.6969	PASS			
	LCH	25	0	4.5219	4.940	PASS			
		25	12	4.5266	5.037	PASS			
		25	25	4.5185	5.007	PASS			
		50	0	8.9579	9.438	PASS			
	МСН	1	0	0.44018	0.7477	PASS			
		1	25	0.45143	0.6855	PASS			
QPSK		1	49	0.43599	0.6926	PASS			
QPSK		25	0	4.5223	5.052	PASS			
		25	12	4.5336	5.068	PASS			
		25	25	4.5211	5.062	PASS			
		50	0	8.9604	9.526	PASS			
		1	0	0.44263	0.6803	PASS			
		1	25	0.46467	0.7177	PASS			
		1	49	0.44873	0.7106	PASS			
	HCH	25	0	4.5167	4.958	PASS			
		25	12	4.5049	5.092	PASS			
		25	25	4.5072	4.995	PASS			
		50	0	8.9206	9.472	PASS			

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ſ			1	0	0.43841	0.6605	PASS
			1	25	0.42934	0.7108	PASS
			1	49	0.43640	0.6661	PASS
		LCH	25	0	4.5162	4.999	PASS
			25	12	4.5091	5.002	PASS
			25	25	4.5122	4.912	PASS
			50	0	8.9511	9.512	PASS
			1	0	0.46098	0.6801	PASS
		MCH	1	25	0.43703	0.6169	PASS
			1	49	0.44565	0.6781	PASS
	16QAM		25	0	4.5105	5.022	PASS
			25	12	4.5186	5.032	PASS
			25	25	4.5228	5.063	PASS
			50	0	8.9476	9.517	PASS
			1	0	0.43926	0.7163	PASS
			1	25	0.44760	0.7308	PASS
		НСН	1	49	0.44479	0.7071	PASS
			25	0	4.5039	5.032	PASS
			25	12	4.5184	5.180	PASS
			25	25	4.5183	5.168	PASS
			50	0	8.9347	9.479	PASS

Channel Bandwidth: 15 MHz

	Channel Bandwidth: 15 MHz								
Modulation	Channel	RB Conf	figuration Offset	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict			
		1	0	0.52177	0.7995	PASS			
		1	37	0.53825	0.8343	PASS			
		1	74	0.53179	0.7763	PASS			
	LCH	37	0	6.4946	7.128	PASS			
		37	18	6.4883	7.203	PASS			
		37	38	6.4900	7.104	PASS			
		75	0	13.401	14.10	PASS			
QPSK		1	0	0.55270	0.8106	PASS			
QFSK		1	37	0.55542	0.8099	PASS			
		1	74	0.53426	0.8139	PASS			
	MCH	37	0	6.4891	7.084	PASS			
		37	18	6.4885	7.180	PASS			
		37	38	6.4940	7.175	PASS			
		75	0	13.397	14.13	PASS			
		1	0	0.53097	0.7659	PASS			
	HCH	1	37	0.55435	0.7904	PASS			
TI	1 11 . 1	1	74	0.52218	0.8165	PASS			

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			1	I	I	
		37	0	6.4865	7.233	PASS
		37	18	6.5051	7.140	PASS
		37	38	6.4940	7.226	PASS
		75	0	13.393	14.05	PASS
	LCH	1	0	0.55260	0.8612	PASS
		1	37	0.53956	0.8253	PASS
		1	74	0.53694	0.8138	PASS
		37	0	6.4812	7.201	PASS
		37	18	6.4936	7.228	PASS
		37	38	6.4925	7.167	PASS
		75	0	13.405	14.09	PASS
	МСН	1	0	0.55052	0.7837	PASS
		1	37	0.55836	0.8171	PASS
		1	74	0.55815	0.8410	PASS
16QAM		37	0	6.4852	7.110	PASS
		37	18	6.4969	7.069	PASS
		37	38	6.4959	7.275	PASS
		75	0	13.399	14.03	PASS
	НСН	1	0	0.52431	0.8047	PASS
		1	37	0.52959	0.8386	PASS
		1	74	0.54375	0.8453	PASS
		37	0	6.4842	7.091	PASS
		37	18	6.4951	7.163	PASS
		37	38	6.4930	7.153	PASS
		75	0	13.380	14.05	PASS

Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz							
Modulation	Channel	RB Conf	iguration Offset	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict	
QPSK	LCH	1	0	0.60153	0.8871	PASS	
		1	50	0.61952	0.9370	PASS	
		1	99	0.61474	0.9086	PASS	
		50	0	9.0011	9.737	PASS	
		50	25	8.9958	9.714	PASS	
		50	50	8.9957	9.769	PASS	
		100	0	17.865	18.69	PASS	
	МСН	1	0	0.58832	0.9008	PASS	
		1	50	0.62621	0.9569	PASS	
		1	99	0.60841	0.8616	PASS	
		50	0	8.9893	9.621	PASS	
		50	25	8.9889	9.769	PASS	
		50	50	8.9996	9.851	PASS	

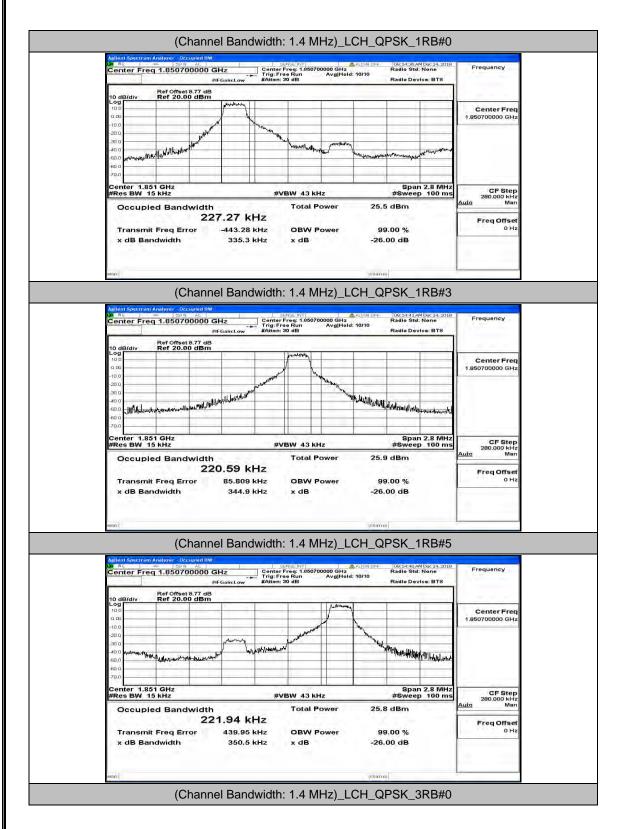
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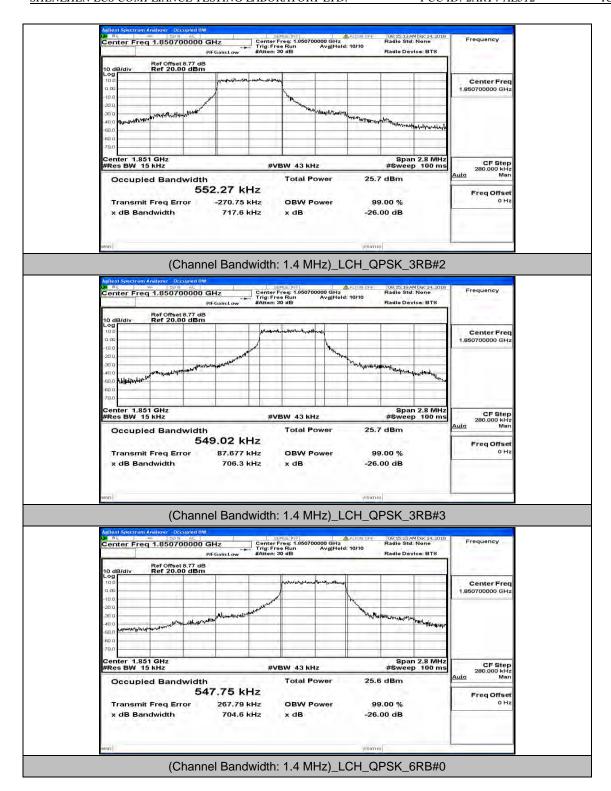
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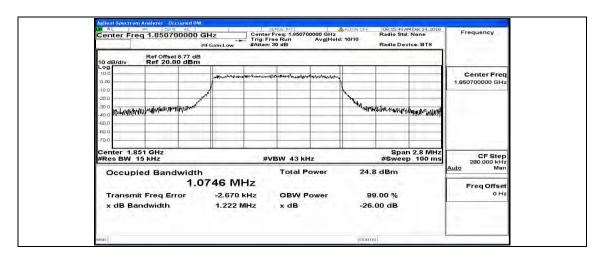
		100	0	17.846	18.66	PASS
		1	0	0.60078	0.8258	PASS
		1	50	0.60303	0.9103	PASS
		1	99	0.61230	0.9265	PASS
	HCH	50	0	9.0061	9.644	PASS
		50	25	9.0061	9.688	PASS
		50	50	8.9762	9.621	PASS
		100	0	17.822	18.58	PASS
		1	0	0.60899	0.8922	PASS
		1	50	0.60891	0.9043	PASS
		1	99	0.60090	0.8948	PASS
	LCH	50	0	9.0007	9.741	PASS
		50	25	9.0003	9.661	PASS
		50	50	9.0038	9.633	PASS
		100	0	17.877	18.64	PASS
	MCH	1	0	0.60586	0.9375	PASS
		1	50	0.61493	0.8448	PASS
		1	99	0.60229	0.8315	PASS
16QAM		50	0	8.9836	9.604	PASS
		50	25	8.9898	9.621	PASS
		50	50	8.9851	9.698	PASS
		100	0	17.851	18.59	PASS
	НСН	1	0	0.59495	0.8287	PASS
		1	50	0.61340	0.9031	PASS
		1	99	0.59405	0.8449	PASS
		50	0	8.9828	9.604	PASS
		50	25	8.9921	9.638	PASS
		50	50	8.9809	9.672	PASS
					<u> </u>	

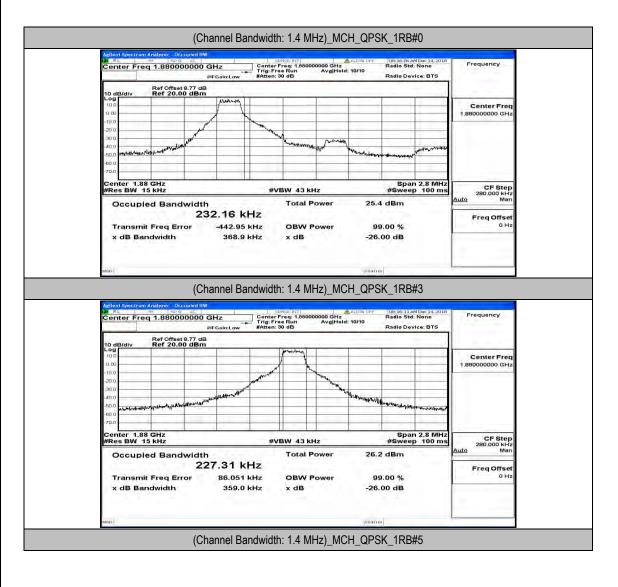
Test Graphs

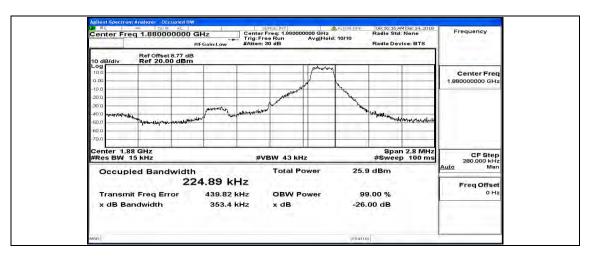
Channel Bandwidth: 1.4 MHz

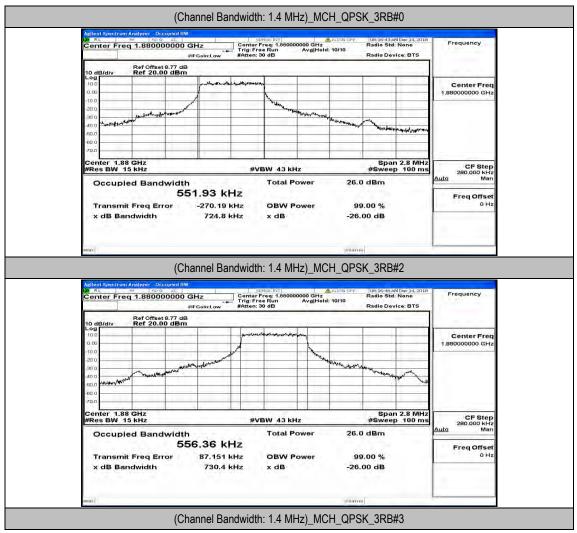


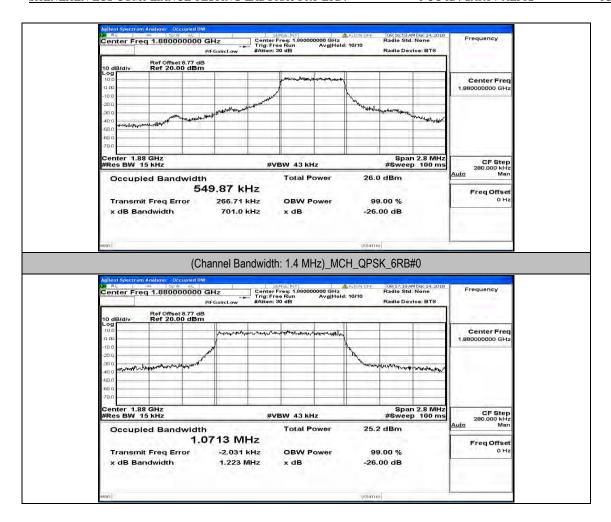


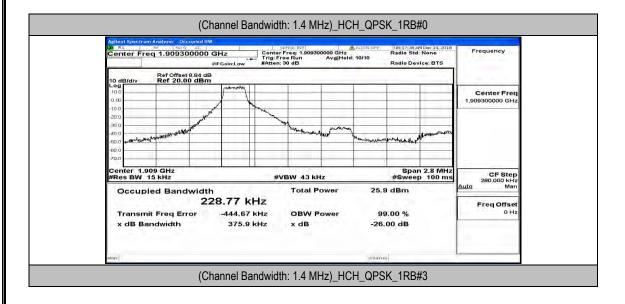


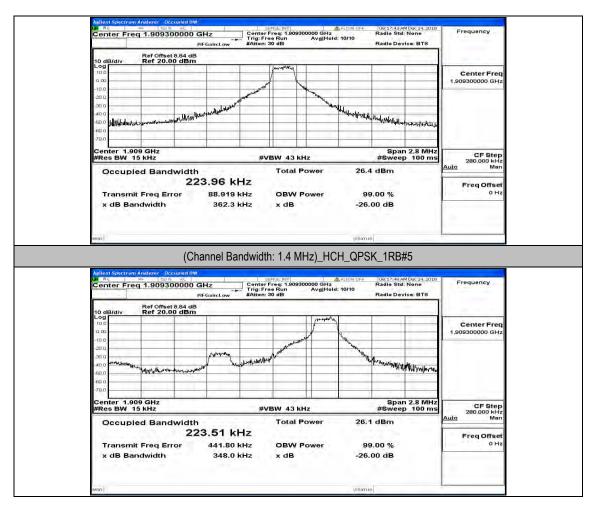


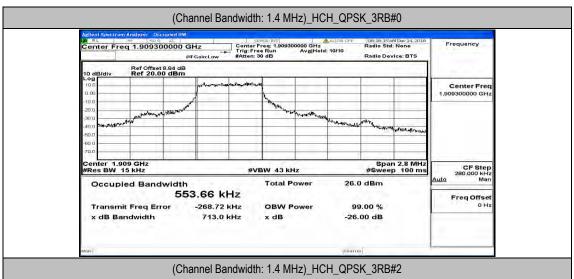


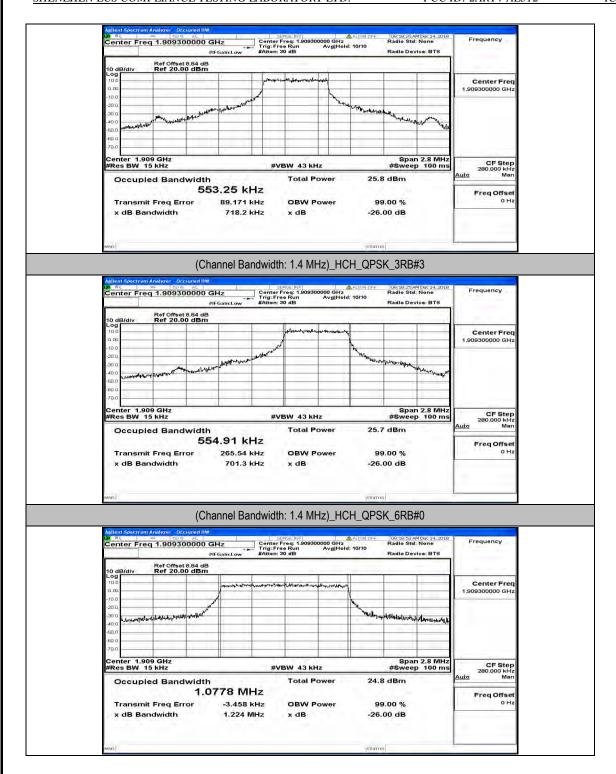


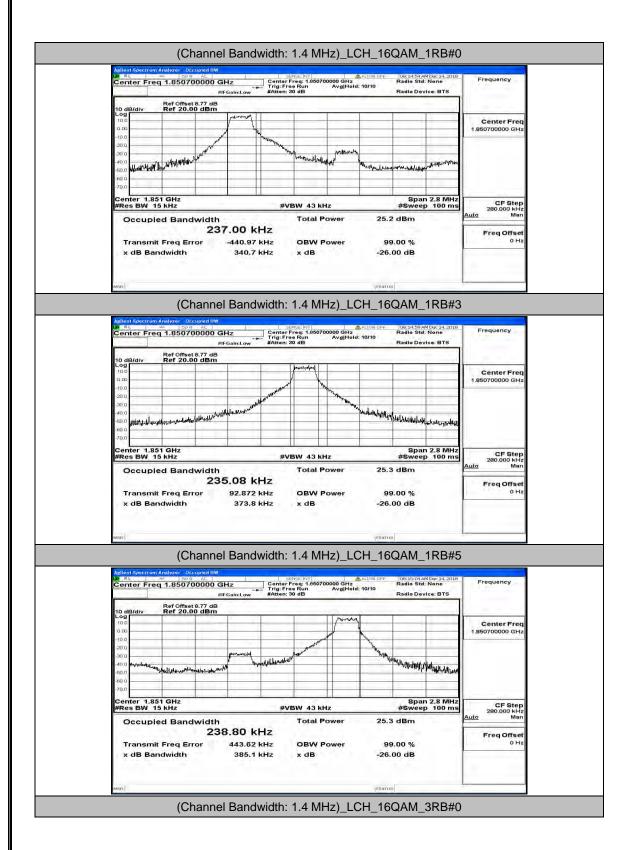


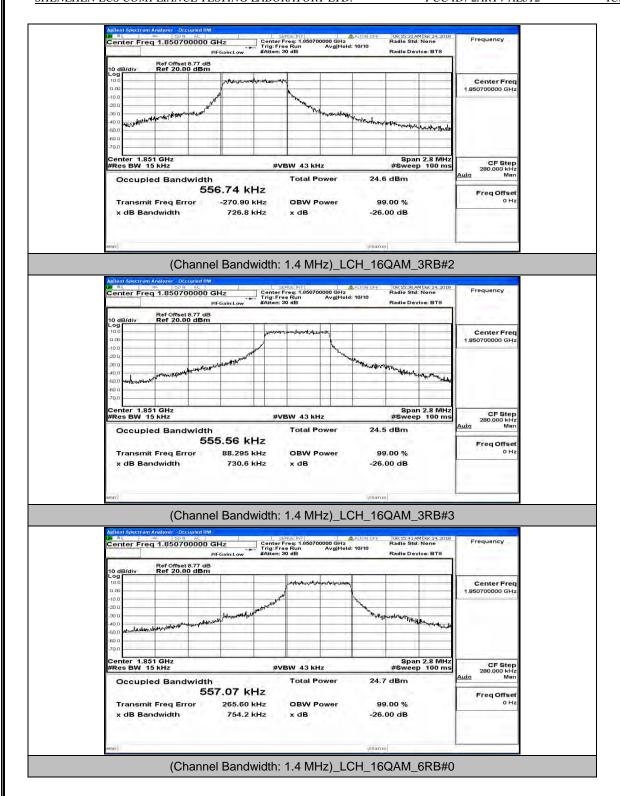


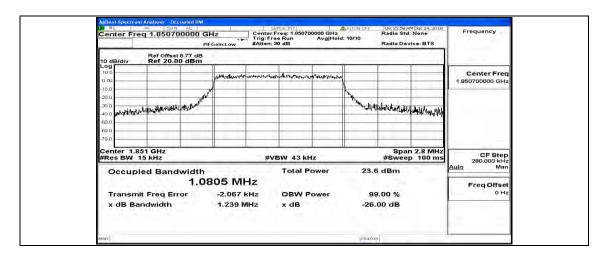


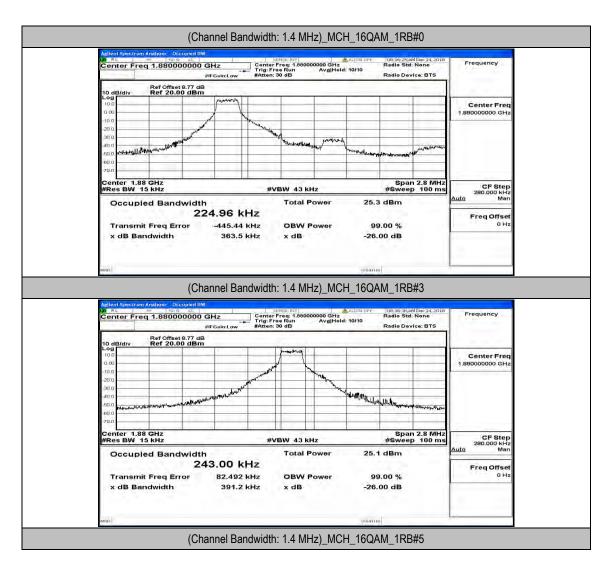


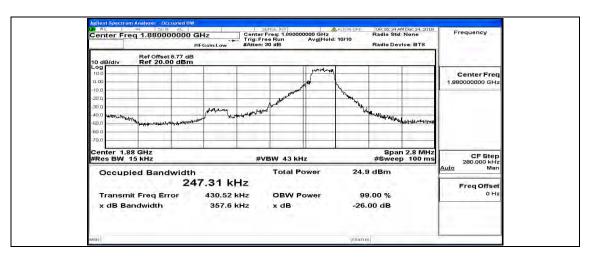


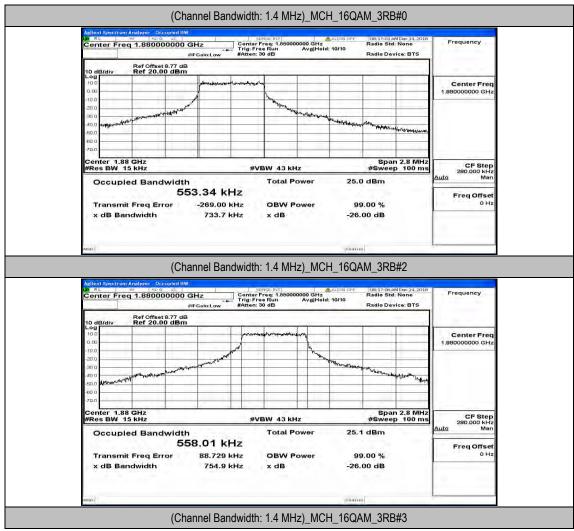


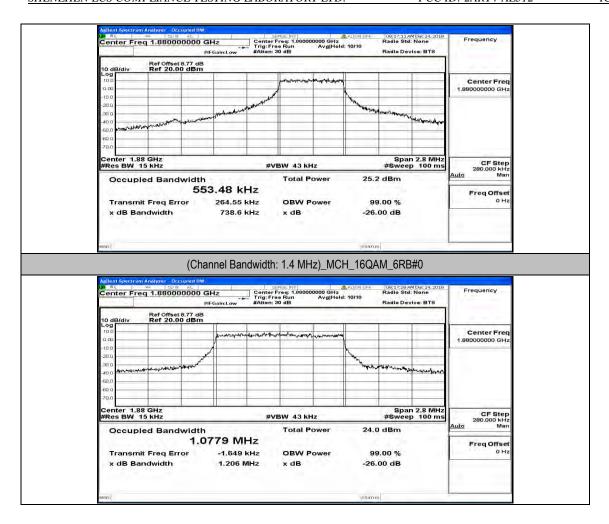


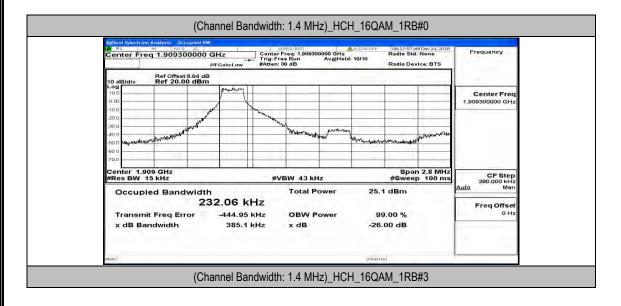


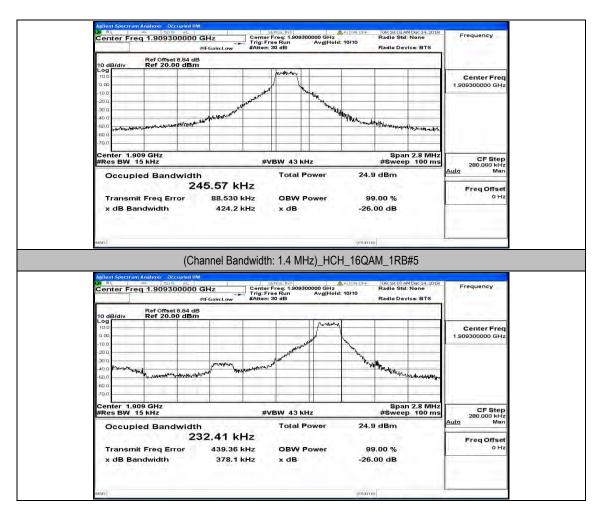


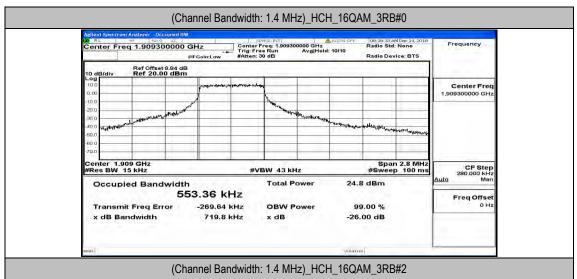


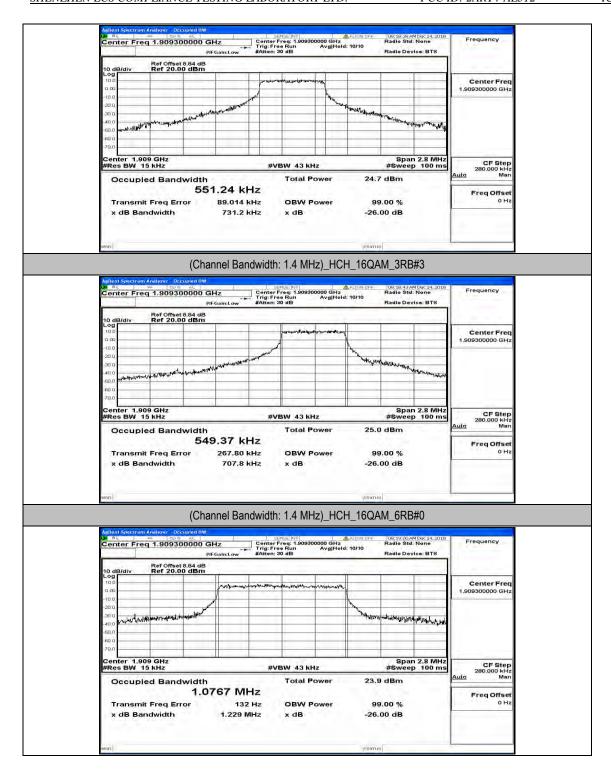




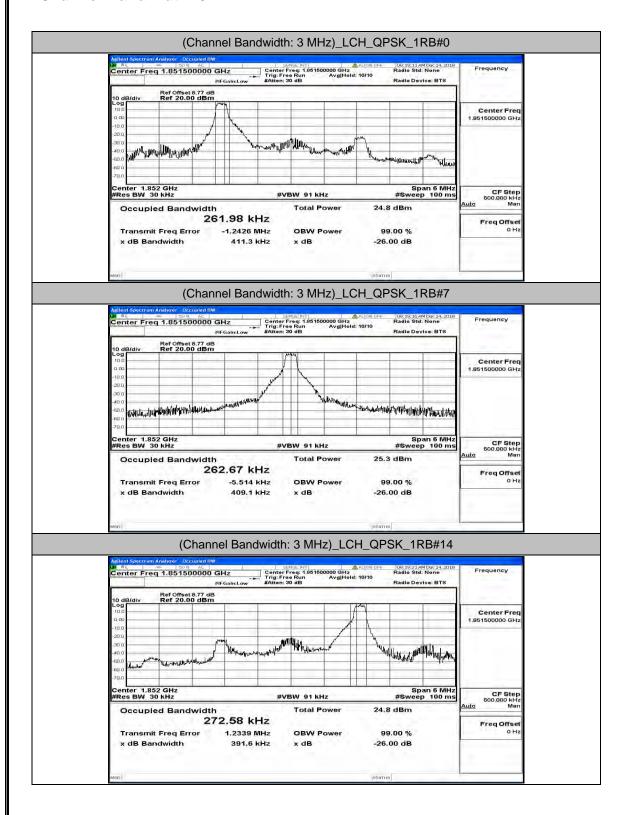


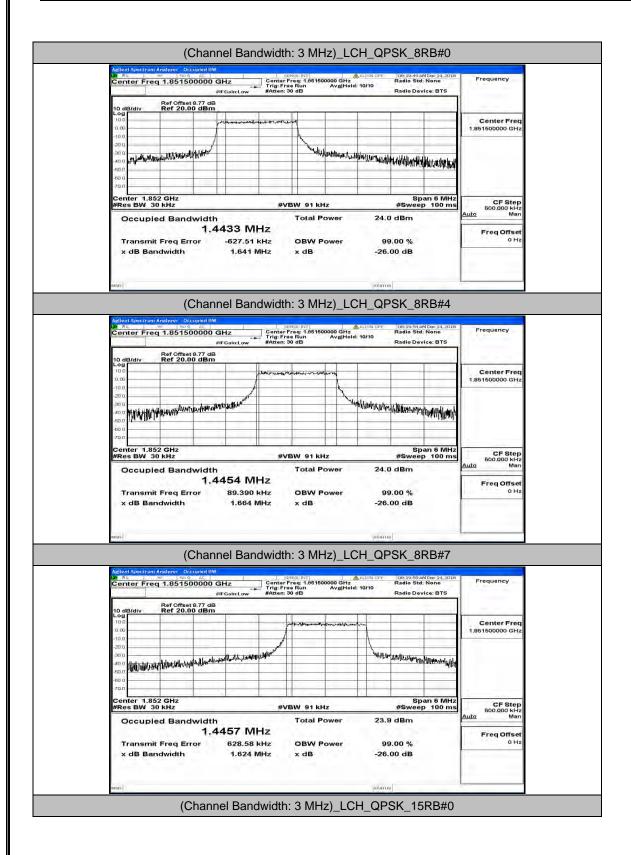


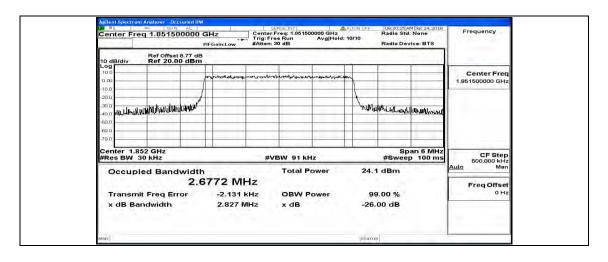


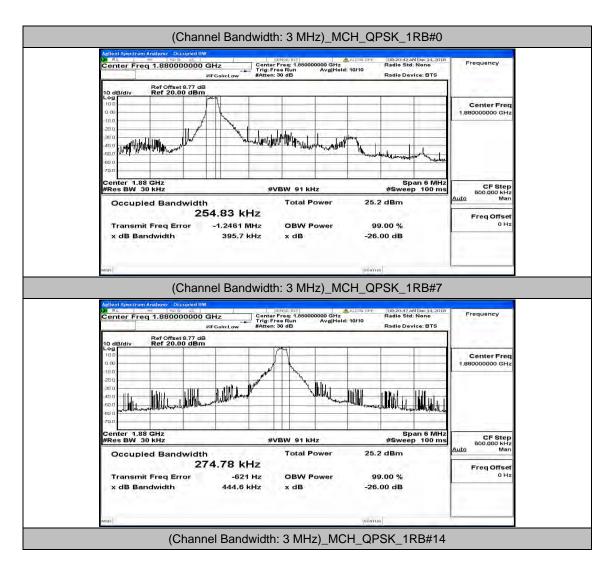


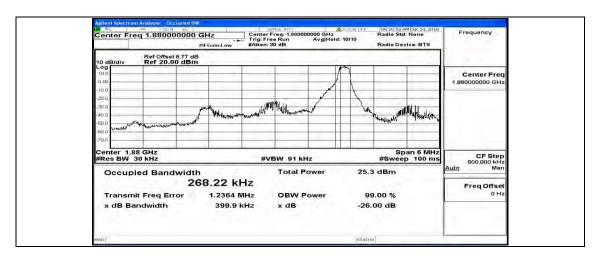
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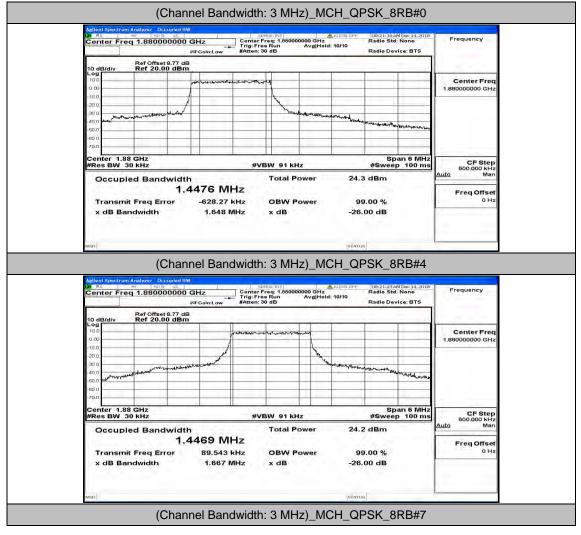




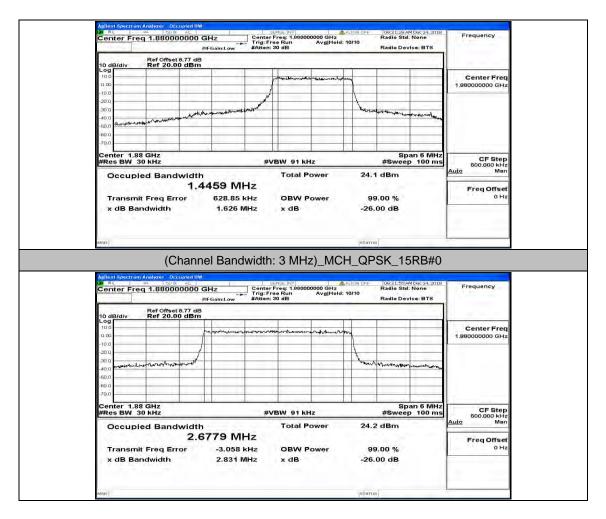


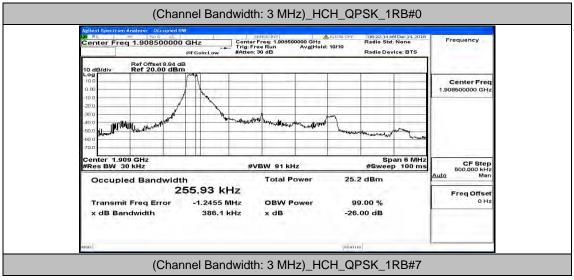


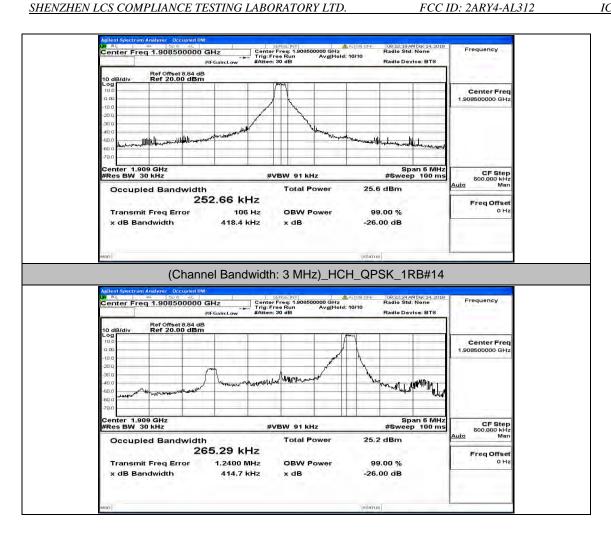


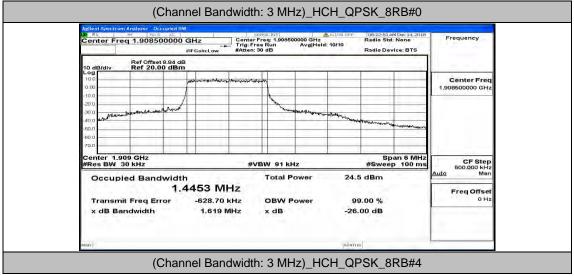


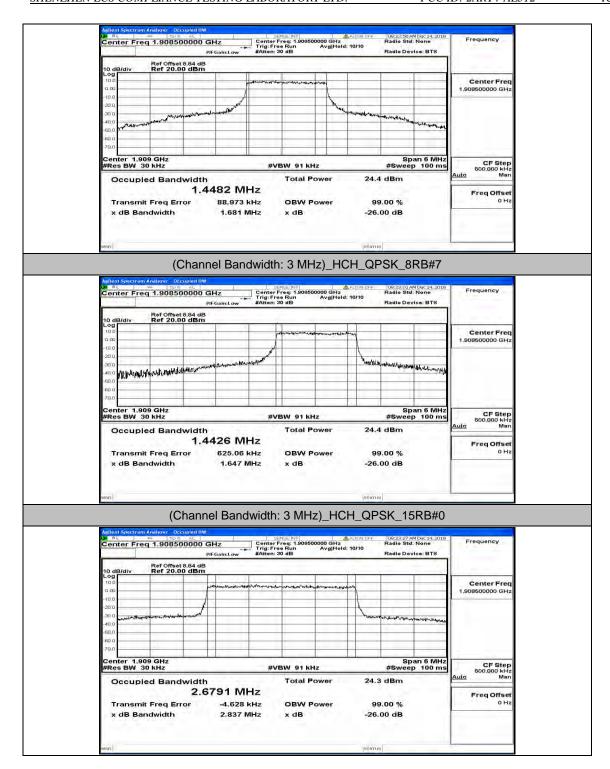
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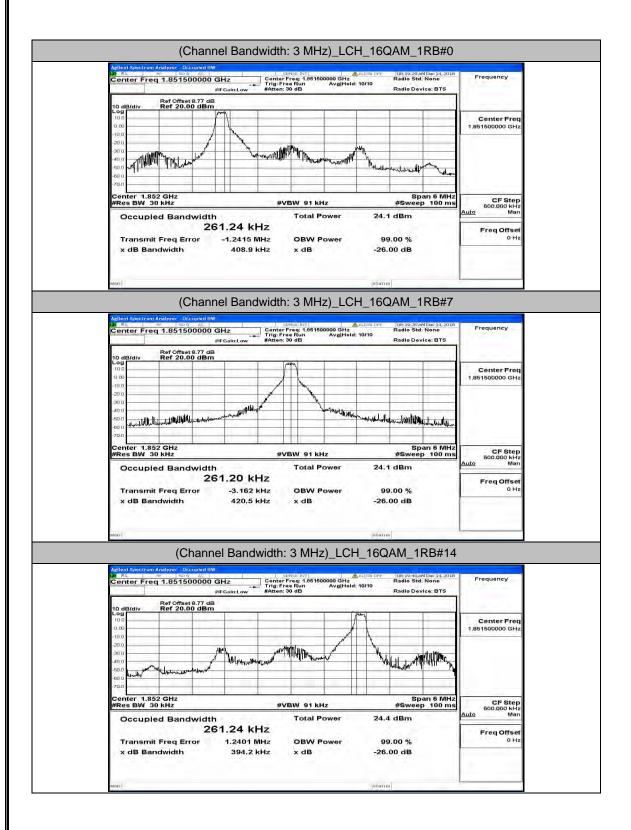


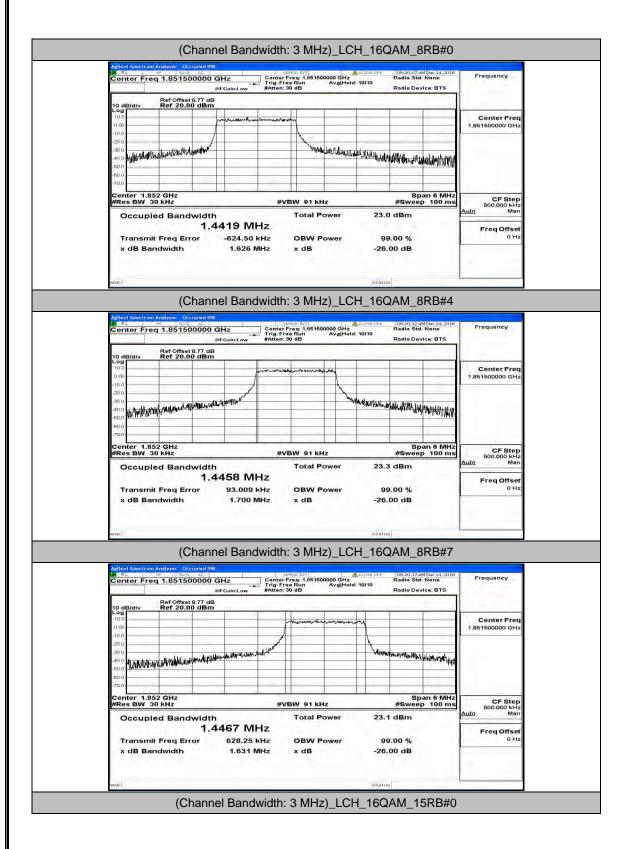




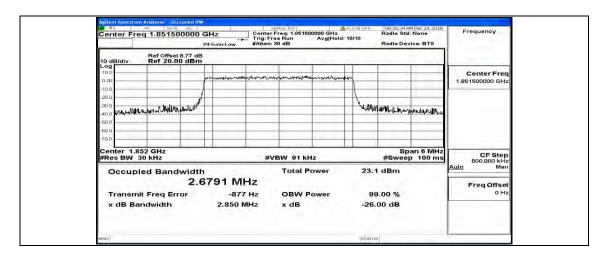


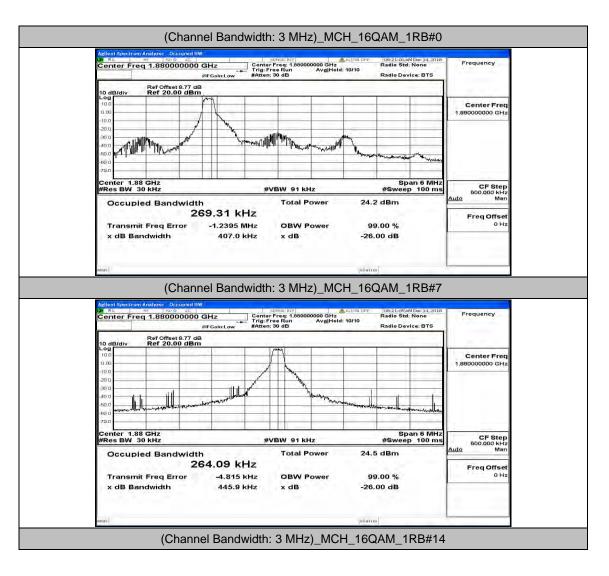


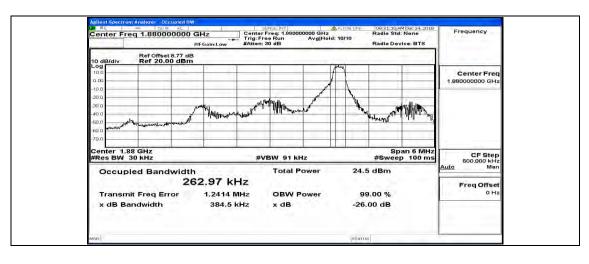


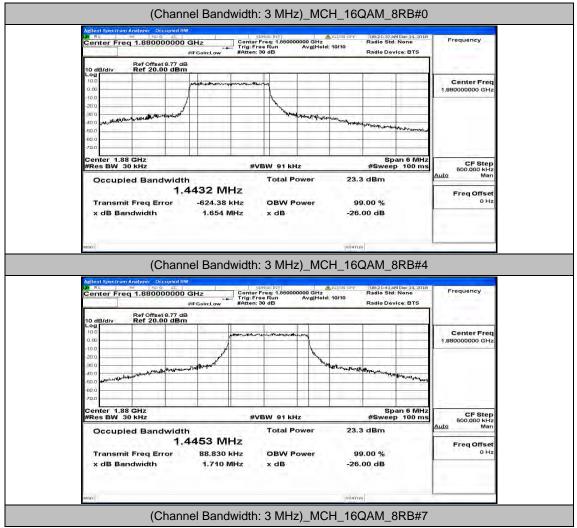


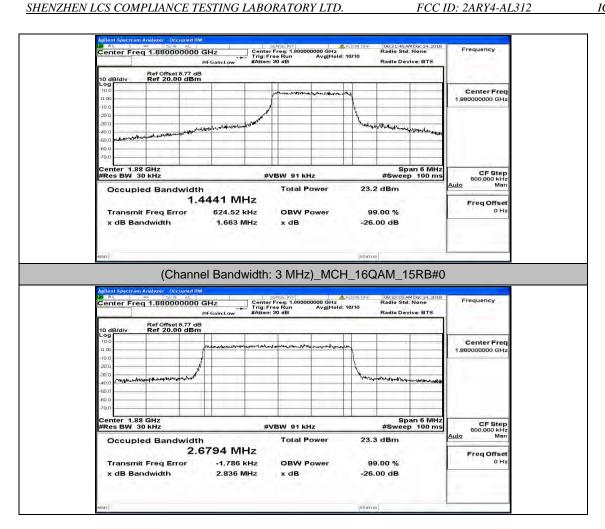
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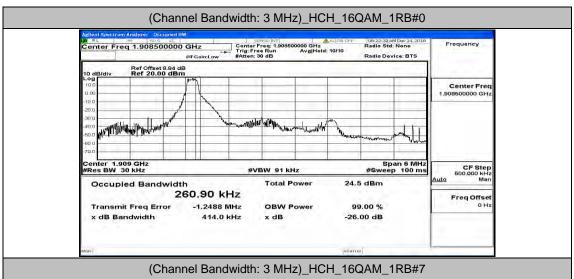


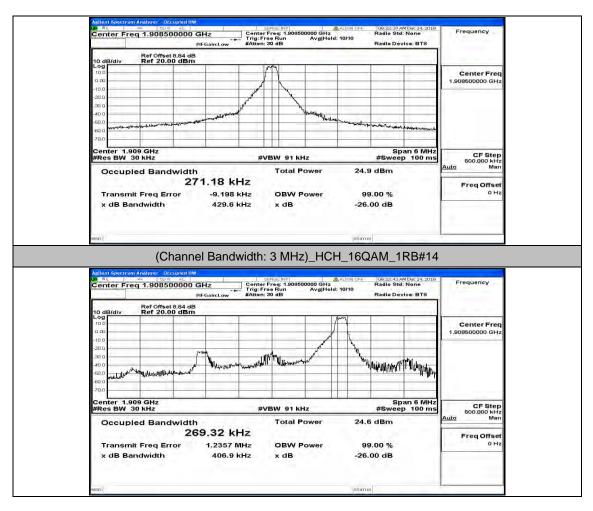


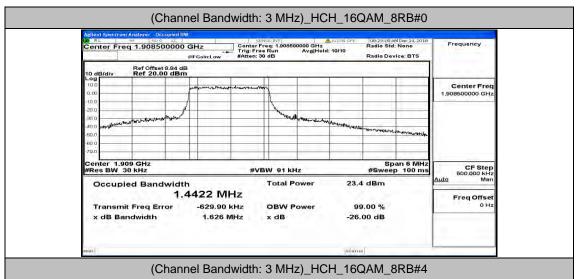


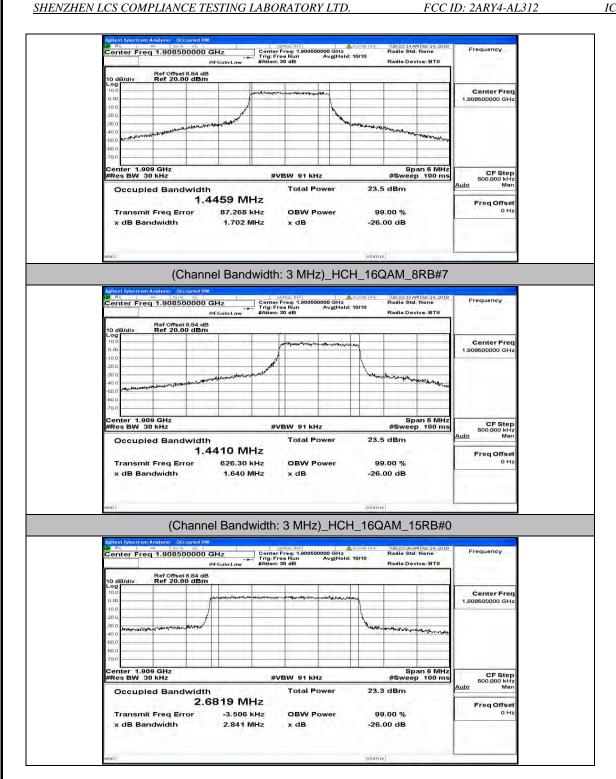




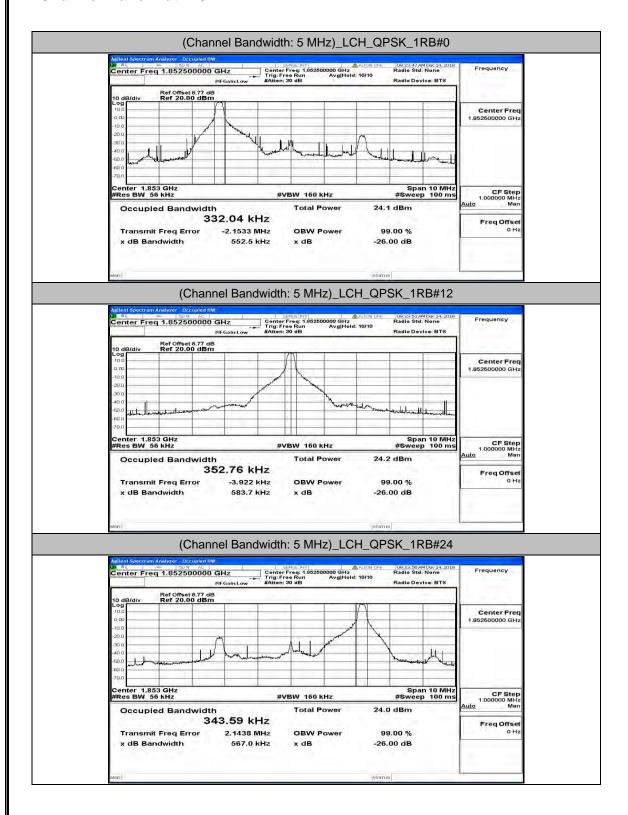


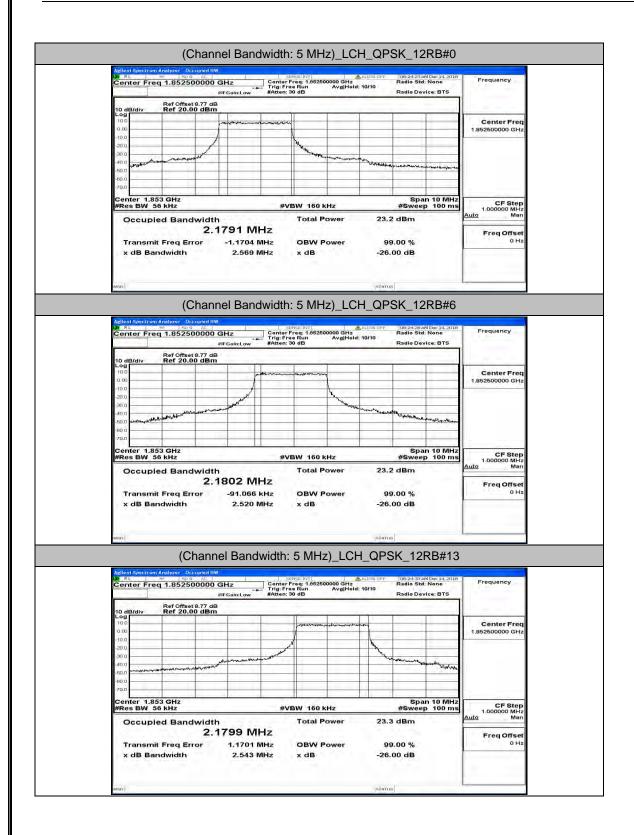


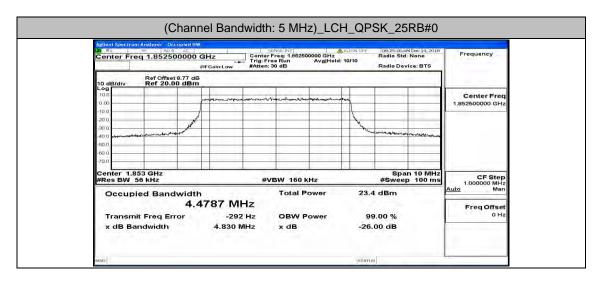


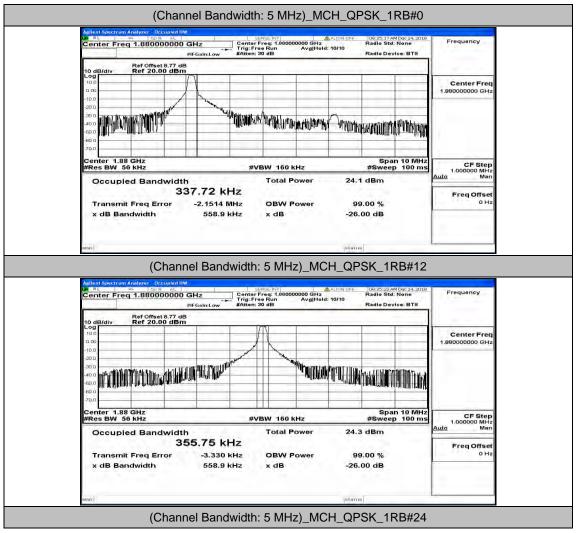


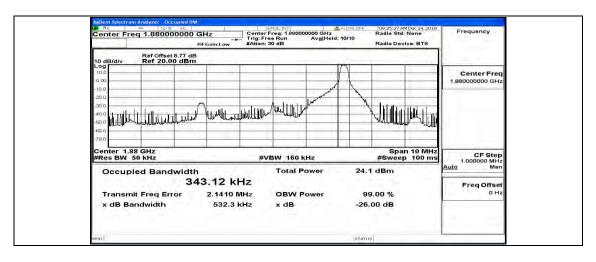
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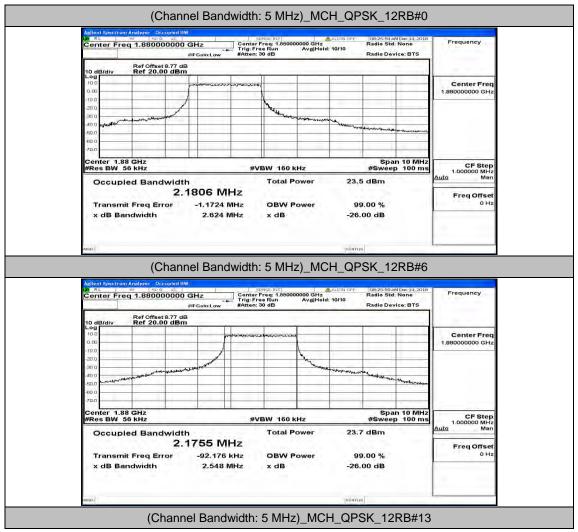


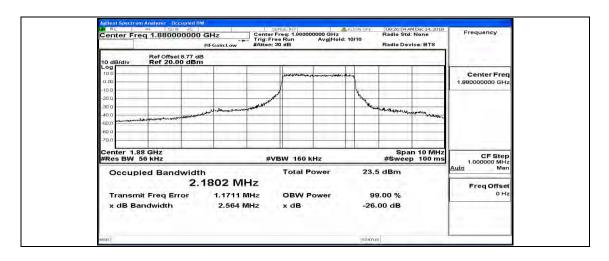


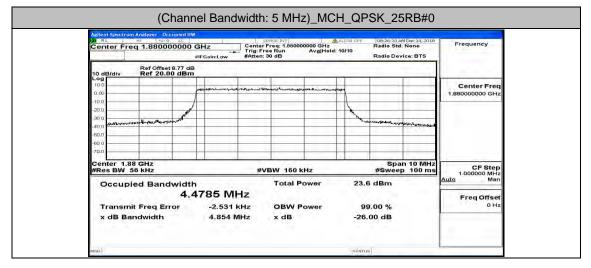


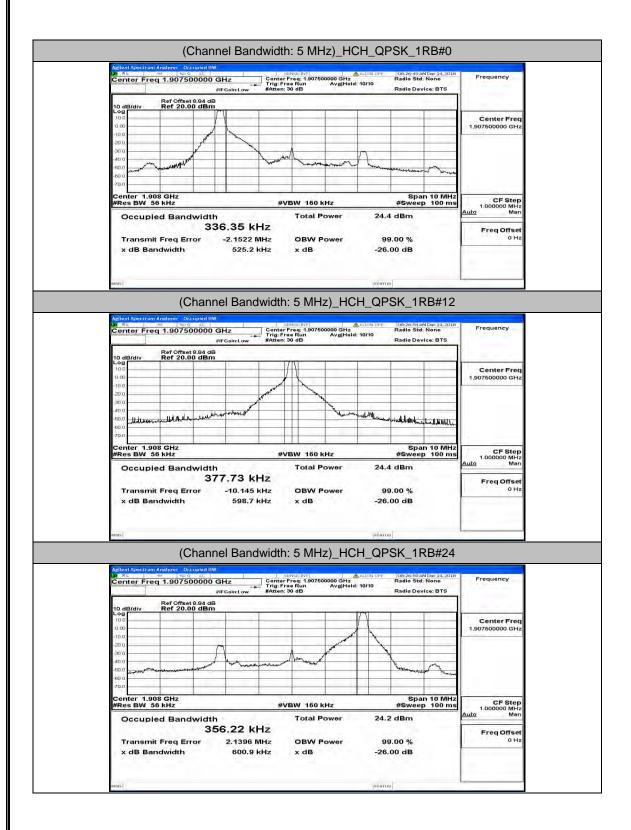


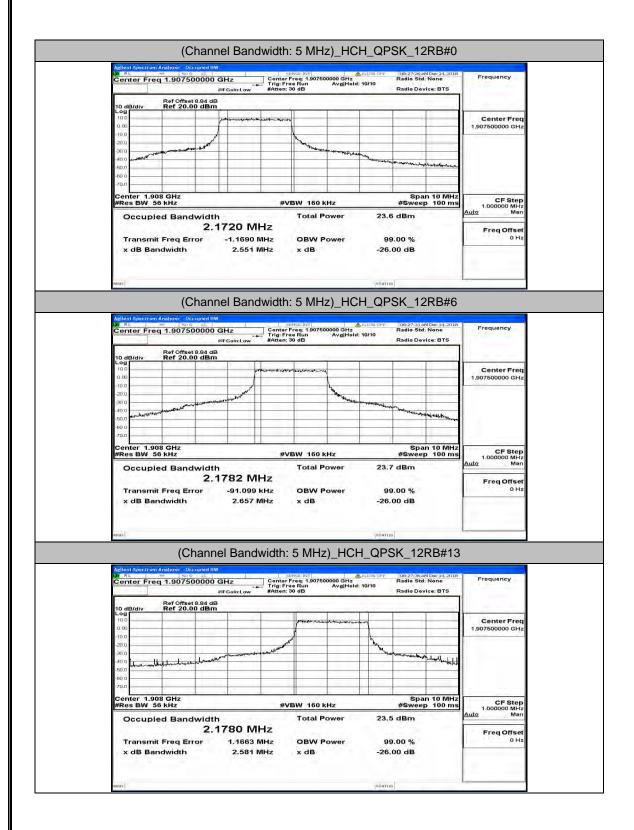


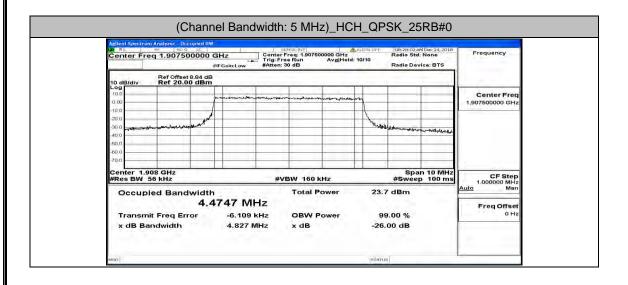


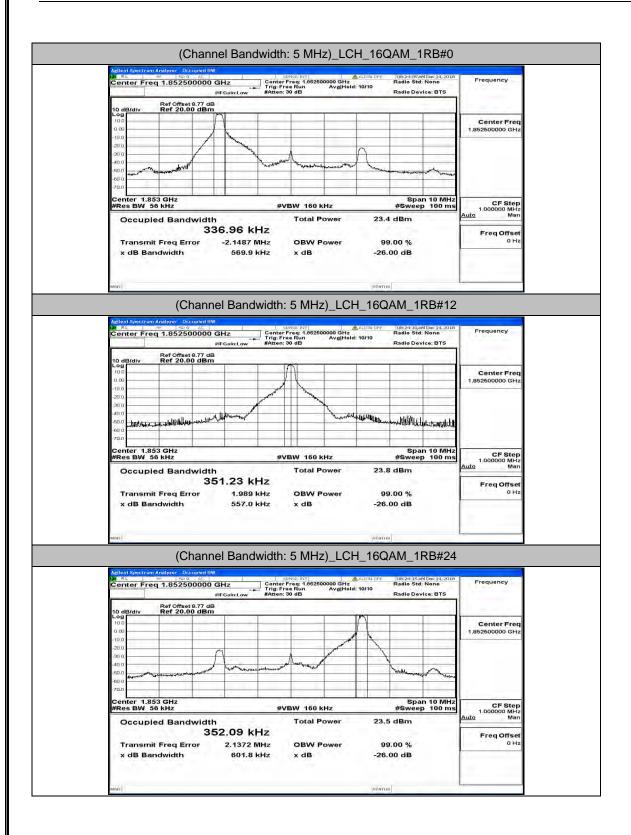


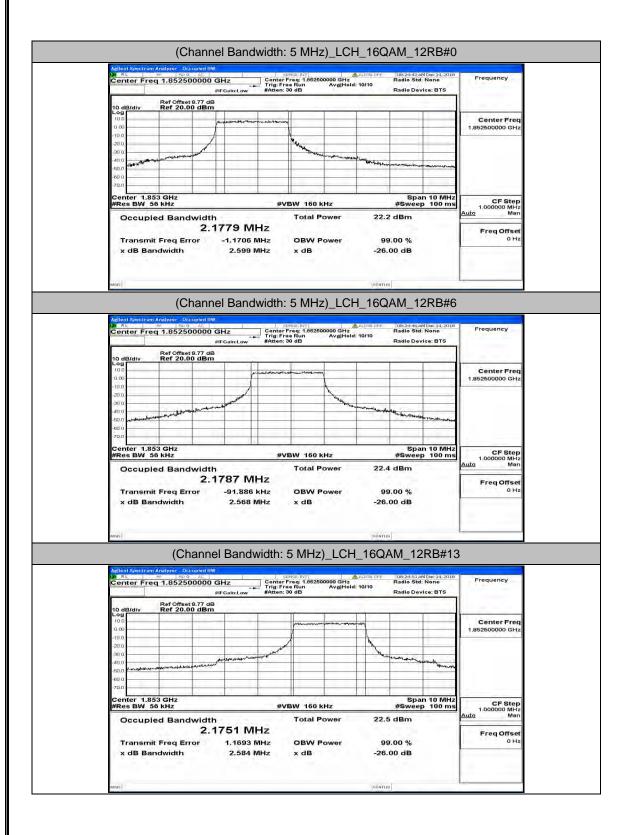


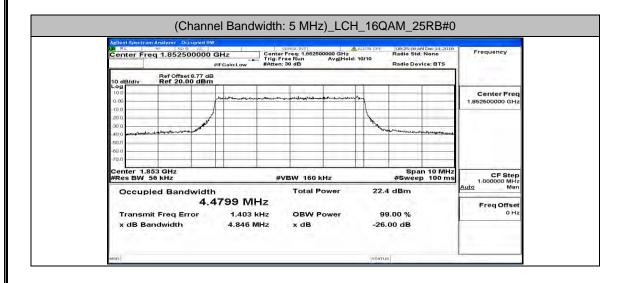


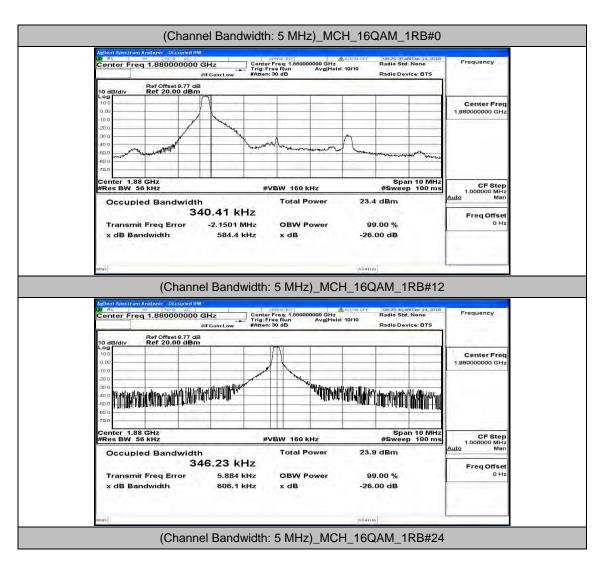


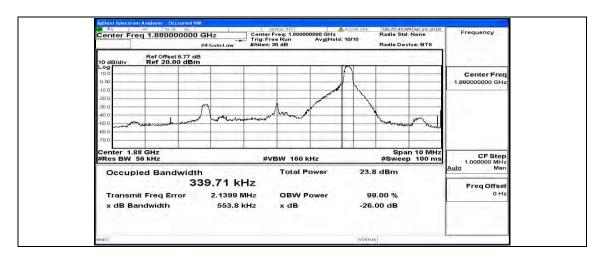


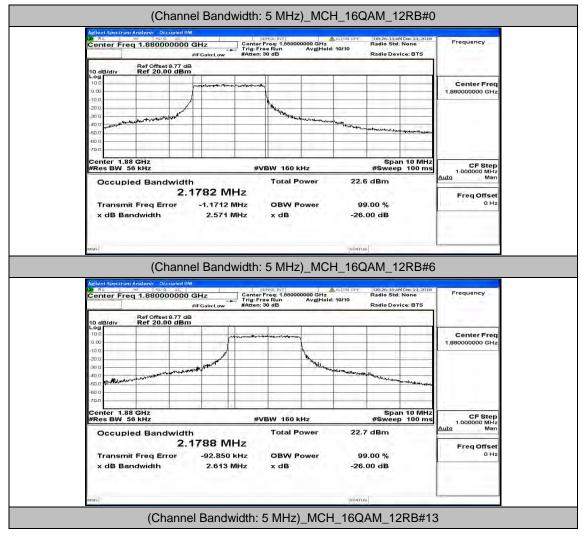


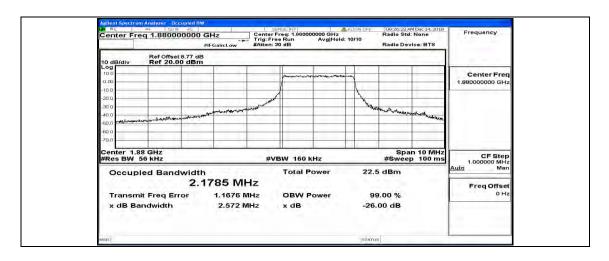


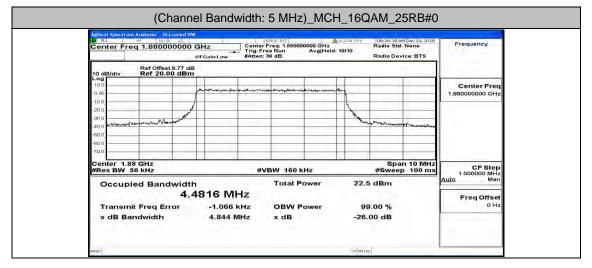


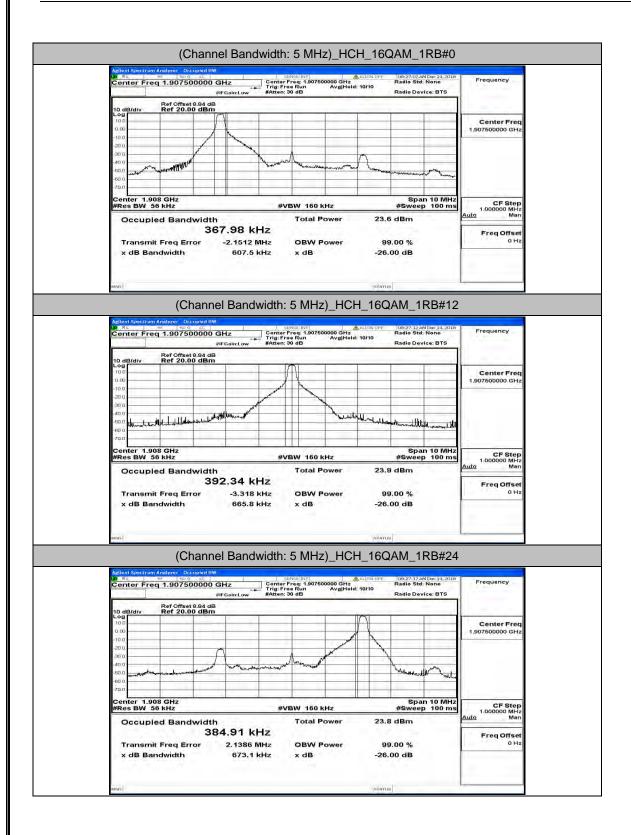


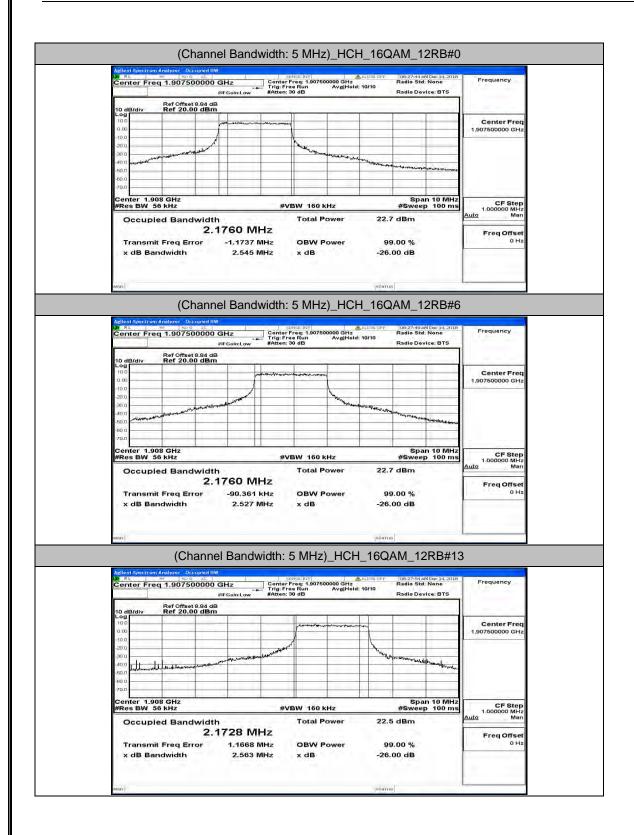


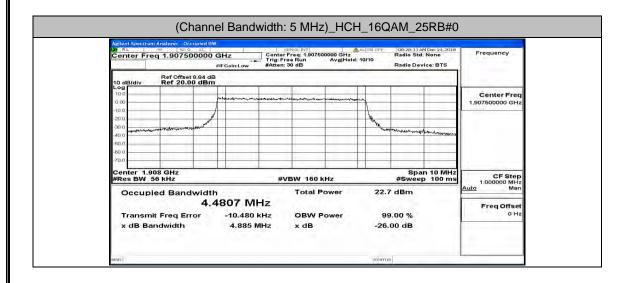












Channel Bandwidth: 10 MHz

