Band 2 Appendix A Section A.3: 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	0.23656	0.3566	PASS
		1	3	0.24973	0.3915	PASS
		1	5	0.23532	0.4049	PASS
		3	0	0.55771	0.7599	PASS
		3	2	0.56178	0.8692	PASS
		3	3	0.55411	0.7494	PASS
		6	0	1.0795	1.243	PASS
	MCH	1	0	0.25754	0.4235	PASS
		1	3	0.27002	0.4559	PASS
		1	5	0.25860	0.4063	PASS
		3	0	0.57148	0.9939	PASS
		3	2	0.59046	1.383	PASS
		3	3	0.57505	0.9864	PASS
		6	0	1.0814	1.471	PASS
	HCH	1	0	0.26673	0.4108	PASS
		1	3	0.28614	0.4682	PASS
		1	5	0.27608	0.4514	PASS
		3	0	0.59522	1.208	PASS
		3	2	0.63267	1.073	PASS
		3	3	0.61623	1.054	PASS
		6	0	1.0914	1.814	PASS
16QAM	LCH	1	0	0.24286	0.3775	PASS
		1	3	0.25223	0.4074	PASS
		1	5	0.24911	0.3662	PASS
		3	0	0.56305	0.7526	PASS
		3	2	0.56869	0.8419	PASS
		3	3	0.56445	0.8082	PASS
		6	0	1.0822	1.244	PASS
	MCH	1	0	0.24397	0.4176	PASS
		1	3	0.27772	0.4299	PASS
		1	5	0.25888	0.4255	PASS

		3	0	0.57592	0.9104	PASS
		3	2	0.60037	0.9925	PASS
		3	3	0.58520	1.021	PASS
		6	0	1.0834	1.656	PASS
	HCH	1	0	0.25900	0.4205	PASS
		1	3	0.29255	0.4892	PASS
		1	5	0.26665	0.4600	PASS
		3	0	0.57742	0.9547	PASS
		3	2	0.59927	1.398	PASS
		3	3	0.58764	1.004	PASS
		6	0	1.0831	1.629	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	0.28264	0.4404	PASS
		1	7	0.29337	0.4874	PASS
		1	14	0.27928	0.4448	PASS
		8	0	1.4500	1.714	PASS
		8	4	1.4546	1.778	PASS
		8	7	1.4499	1.708	PASS
		15	0	2.6856	2.932	PASS
	MCH	1	0	0.29002	0.4469	PASS
		1	7	0.30876	0.5204	PASS
		1	14	0.30032	0.4893	PASS
		8	0	1.4542	1.965	PASS
		8	4	1.4613	1.985	PASS
		8	7	1.4585	2.223	PASS
		15	0	2.6911	3.579	PASS
	HCH	1	0	0.27850	0.4445	PASS
		1	7	0.31436	0.5011	PASS
		1	14	0.31015	0.4818	PASS
		8	0	1.4583	1.993	PASS
		8	4	1.4661	2.168	PASS
		8	7	1.4678	2.480	PASS
		15	0	2.6985	3.789	PASS
16QAM	LCH	1	0	0.27307	0.4565	PASS
		1	7	0.28828	0.4857	PASS
		1	14	0.26870	0.4541	PASS

		8	0	1.4472	1.732	PASS
		8	4	1.4565	1.779	PASS
		8	7	1.4483	1.713	PASS
		15	0	2.6885	2.883	PASS
	MCH	1	0	0.27676	0.4582	PASS
		1	7	0.29473	0.4825	PASS
		1	14	0.27811	0.4791	PASS
		8	0	1.4527	1.944	PASS
		8	4	1.4623	1.912	PASS
		8	7	1.4571	1.945	PASS
		15	0	2.6899	3.006	PASS
	HCH	1	0	0.28897	0.4825	PASS
		1	7	0.31459	0.4990	PASS
		1	14	0.30431	0.4892	PASS
		8	0	1.4503	1.716	PASS
		8	4	1.4585	2.044	PASS
		8	7	1.4547	2.009	PASS
		15	0	2.6992	3.343	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	0.35874	0.5662	PASS
		1	12	0.39080	0.6186	PASS
		1	24	0.34539	0.5572	PASS
		12	0	2.1870	2.707	PASS
		12	6	2.1860	2.808	PASS
		12	13	2.1810	2.608	PASS
		25	0	4.4802	4.885	PASS
	MCH	1	0	0.36536	0.5594	PASS
		1	12	0.39212	0.5821	PASS
		1	24	0.37800	0.5744	PASS
		12	0	2.1876	3.022	PASS
		12	6	2.1915	3.100	PASS
		12	13	2.1932	3.302	PASS
		25	0	4.4917	5.554	PASS
	HCH	1	0	0.36570	0.5699	PASS
		1	12	0.41671	0.6509	PASS
		1	24	0.40124	0.6264	PASS

		12	0	2.1845	2.721	PASS
		12	6	2.1952	3.156	PASS
		12	13	2.1964	3.234	PASS
		25	0	4.4856	5.253	PASS
16QAM	LCH	1	0	0.36989	0.6065	PASS
		1	12	0.39284	0.5554	PASS
		1	24	0.37370	0.5958	PASS
		12	0	2.1777	2.629	PASS
		12	6	2.1842	2.698	PASS
		12	13	2.1785	2.640	PASS
		25	0	4.4783	4.837	PASS
	MCH	1	0	0.37163	0.6186	PASS
		1	12	0.41376	0.6736	PASS
		1	24	0.38783	0.5756	PASS
		12	0	2.1896	2.877	PASS
		12	6	2.1888	2.961	PASS
		12	13	2.1854	2.907	PASS
		25	0	4.4826	4.994	PASS
	HCH	1	0	0.38671	0.5867	PASS
		1	12	0.43026	0.6141	PASS
		1	24	0.41265	0.6342	PASS
		12	0	2.1850	2.641	PASS
		12	6	2.1961	2.917	PASS
		12	13	2.1939	3.039	PASS
		25	0	4.4900	4.919	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	0.46281	0.7054	PASS
		1	25	0.48155	0.8101	PASS
		1	49	0.45044	0.7077	PASS
		25	0	4.5163	5.185	PASS
		25	12	4.5336	5.285	PASS
		25	25	4.5337	5.122	PASS
		50	0	8.9574	9.581	PASS
	MCH	1	0	0.45952	0.7364	PASS
		1	25	0.48428	0.7421	PASS
		1	49	0.47138	0.6994	PASS
		25	0	4.5221	5.361	PASS

		25	12	4.5501	5.986	PASS
		25	25	4.5446	6.348	PASS
		50	0	8.9636	10.99	PASS
	HCH	1	0	0.45520	0.7385	PASS
		1	25	0.48158	0.7450	PASS
		1	49	0.48251	0.7712	PASS
		25	0	4.5226	5.152	PASS
		25	12	4.5361	5.302	PASS
		25	25	4.5304	5.366	PASS
		50	0	8.9549	10.26	PASS
16QAM	LCH	1	0	0.45787	0.7396	PASS
		1	25	0.48148	0.7504	PASS
		1	49	0.47045	0.7700	PASS
		25	0	4.5240	5.025	PASS
		25	12	4.5150	5.120	PASS
		25	25	4.5247	5.061	PASS
		50	0	8.9459	9.568	PASS
	MCH	1	0	0.46436	0.7482	PASS
		1	25	0.47320	0.6954	PASS
		1	49	0.47710	0.7202	PASS
		25	0	4.5359	5.430	PASS
		25	12	4.5319	6.002	PASS
		25	25	4.5303	6.590	PASS
		50	0	8.9553	9.765	PASS
	HCH	1	0	0.48066	0.7609	PASS
		1	25	0.47139	0.7505	PASS
		1	49	0.48123	0.7936	PASS
		25	0	4.5235	5.295	PASS
		25	12	4.5444	5.350	PASS
		25	25	4.5327	5.275	PASS
		50	0	8.9615	9.682	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	0.57138	0.8869	PASS
		1	37	0.57709	0.8861	PASS
		1	74	0.55656	0.8478	PASS
		37	0	6.5238	7.513	PASS
		37	18	6.5015	7.327	PASS

		37	38	6.5073	7.205	PASS
		75	0	13.421	15.79	PASS
	MCH	1	0	0.56786	0.8918	PASS
		1	37	0.57242	0.8713	PASS
		1	74	0.56386	0.8443	PASS
		37	0	6.5302	8.489	PASS
		37	18	6.5401	11.25	PASS
		37	38	6.5821	12.15	PASS
		75	0	13.466	21.47	PASS
	HCH	1	0	0.56268	0.8329	PASS
		1	37	0.58333	0.8825	PASS
		1	74	0.58613	0.9148	PASS
		37	0	6.5241	8.330	PASS
		37	18	6.5350	8.500	PASS
		37	38	6.5306	9.502	PASS
		75	0	13.450	18.55	PASS
16QAM	LCH	1	0	0.55995	0.8355	PASS
		1	37	0.56560	0.9225	PASS
		1	74	0.55956	0.7654	PASS
		37	0	6.5143	7.181	PASS
		37	18	6.5116	7.352	PASS
		37	38	6.4960	7.290	PASS
		75	0	13.416	14.13	PASS
	MCH	1	0	0.55081	0.8136	PASS
		1	37	0.57782	0.8795	PASS
		1	74	0.55349	0.7869	PASS
		37	0	6.5085	7.717	PASS
		37	18	6.5268	8.560	PASS
		37	38	6.5441	9.838	PASS
		75	0	13.437	18.85	PASS
	HCH	1	0	0.54753	0.8320	PASS
		1	37	0.55974	0.8716	PASS
		1	74	0.56999	0.7931	PASS
		37	0	6.5195	7.391	PASS
		37	18	6.5294	7.843	PASS
		37	38	6.5192	7.736	PASS
		75	0	13.426	16.02	PASS

Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulatio	Channel	RB Configuration		Occupied	26dB Bandwidth	Verdict
		Size	Offset			

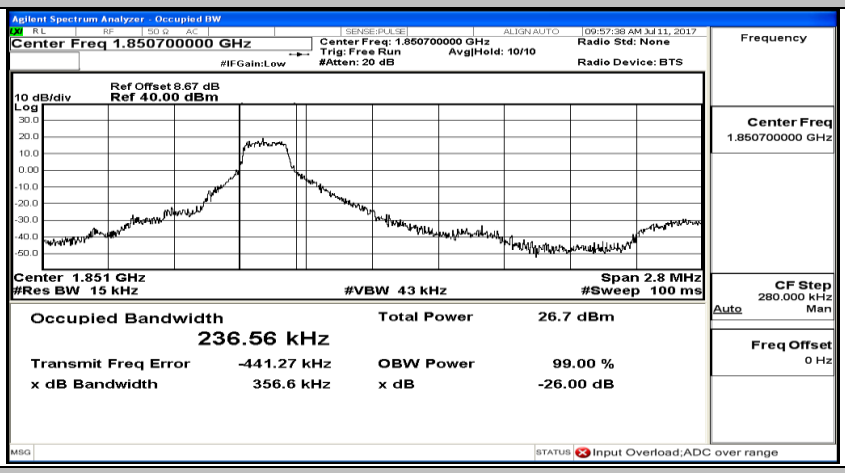
n				Bandwidth (MHz)	(MHz)	
QPSK	LCH	1	0	0.65489	0.9626	PASS
		1	50	0.65647	0.9992	PASS
		1	99	0.63737	0.985	PASS
		50	0	9.0041	9.845	PASS
		50	25	9.0138	9.830	PASS
		50	50	9.0237	9.890	PASS
		100	0	17.868	18.73	PASS
	MCH	1	0	0.65007	0.9840	PASS
		1	50	0.64987	0.9586	PASS
		1	99	0.67087	0.9736	PASS
		50	0	9.0242	10.43	PASS
		50	25	9.0426	11.94	PASS
		50	50	9.0656	13.50	PASS
		100	0	17.886	21.78	PASS
	HCH	1	0	0.63945	0.9669	PASS
		1	50	0.65637	1.015	PASS
		1	99	0.63426	0.9684	PASS
		50	0	9.0498	10.21	PASS
		50	25	9.0205	10.15	PASS
		50	50	9.0260	10.62	PASS
		100	0	17.912	20.35	PASS
16QAM	LCH	1	0	0.65187	0.9574	PASS
		1	50	0.64165	0.9270	PASS
		1	99	0.63427	0.9351	PASS
		50	0	9.0108	9.732	PASS
		50	25	9.0127	9.768	PASS
		50	50	9.0134	9.756	PASS
		100	0	17.879	18.67	PASS
	MCH	1	0	0.64219	0.9197	PASS
		1	50	0.65691	0.9224	PASS
		1	99	0.63878	0.9073	PASS
		50	0	9.0204	9.945	PASS
		50	25	9.0209	10.77	PASS
		50	50	9.0371	12.01	PASS
		100	0	17.895	18.82	PASS
	HCH	1	0	0.63523	0.9011	PASS
		1	50	0.65098	0.9269	PASS
		1	99	0.63668	0.9079	PASS
		50	0	9.0159	10.03	PASS
		50	25	9.0136	10.10	PASS
		50	50	9.0247	9.850	PASS

		100	0	17.920	19.16	PASS

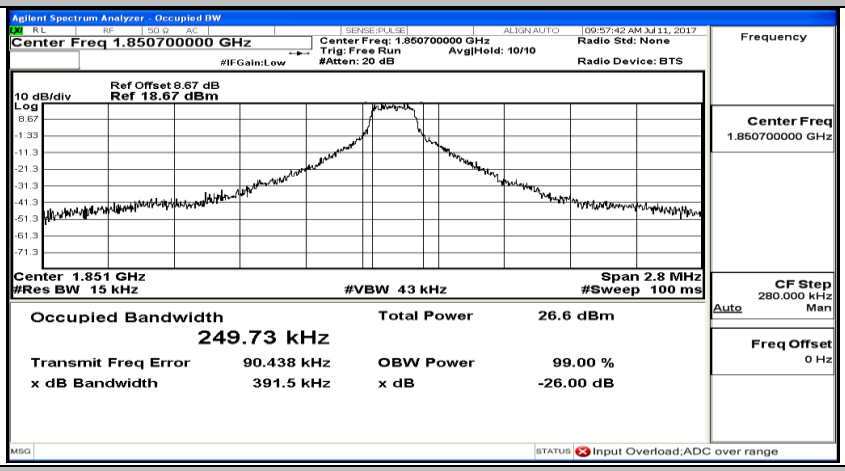
Test Graphs

Channel Bandwidth: 1.4 MHz

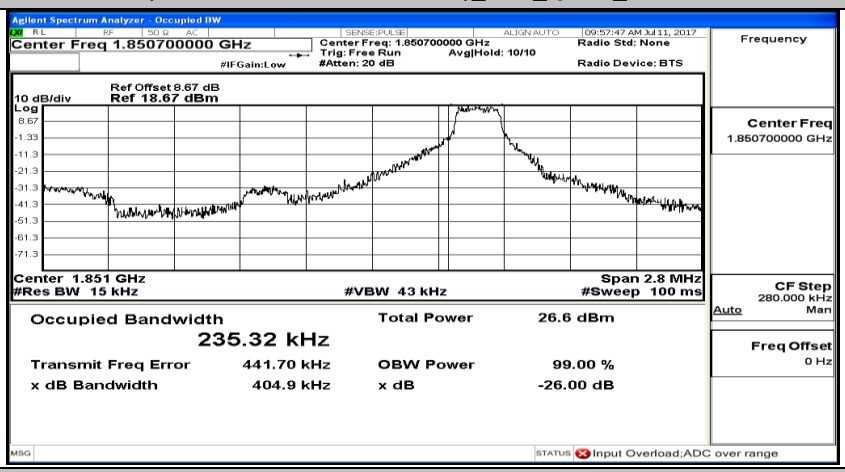
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0



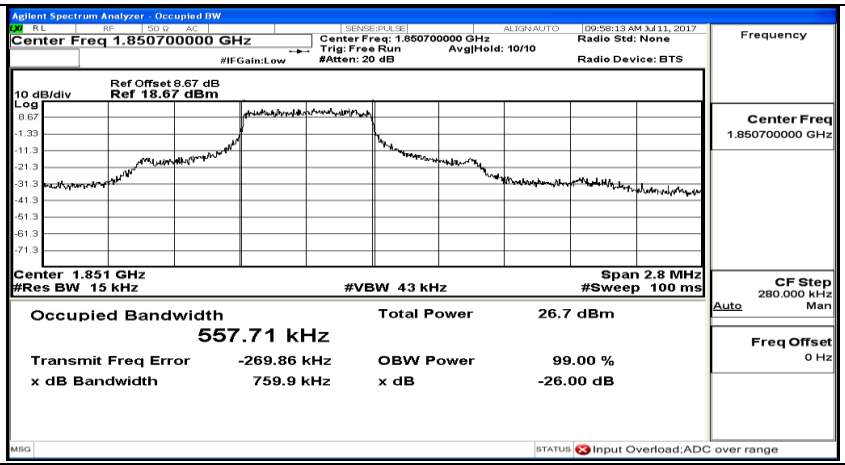
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#3



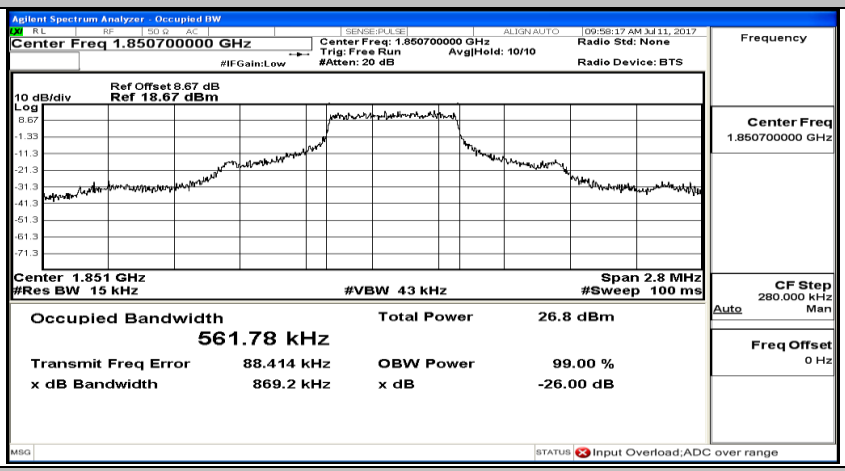
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5



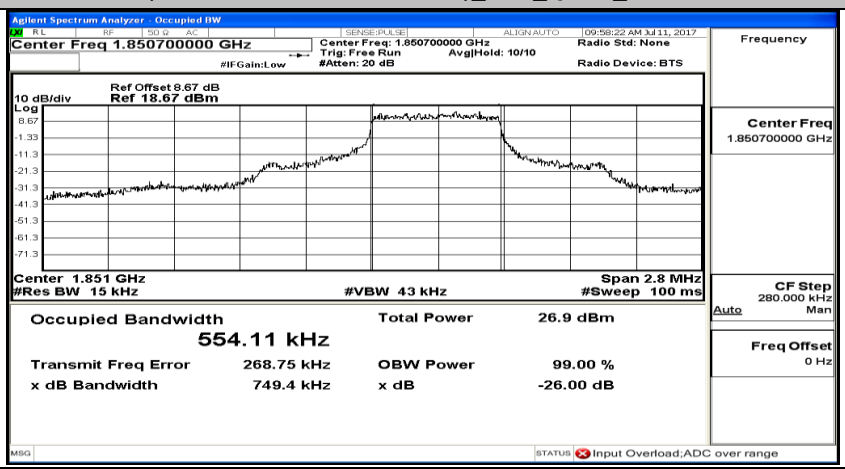
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#0



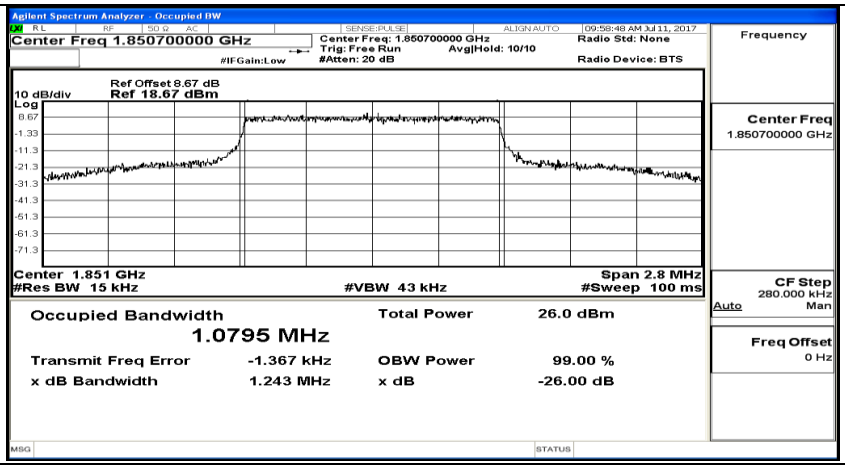
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2



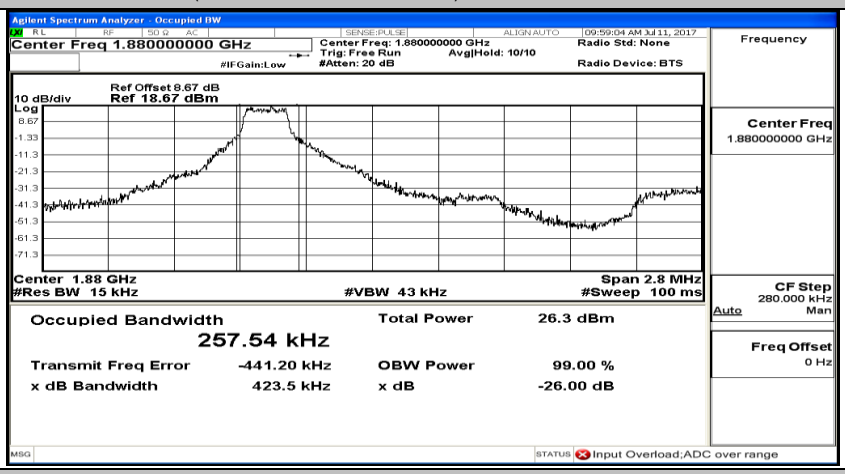
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#3



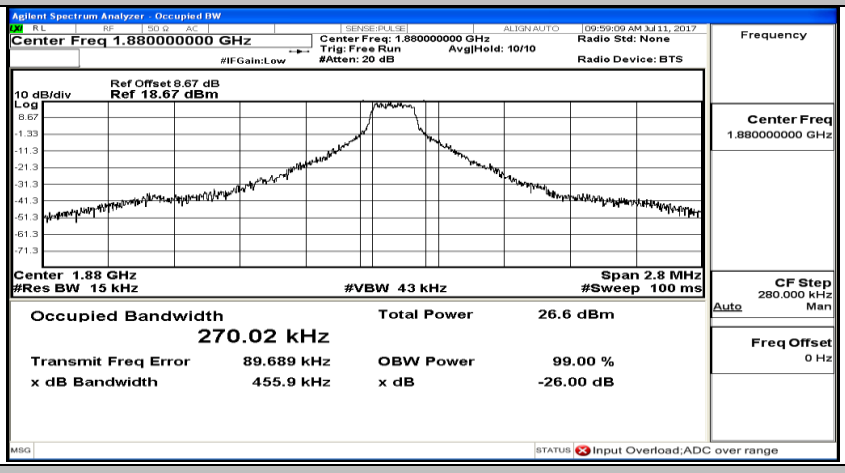
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



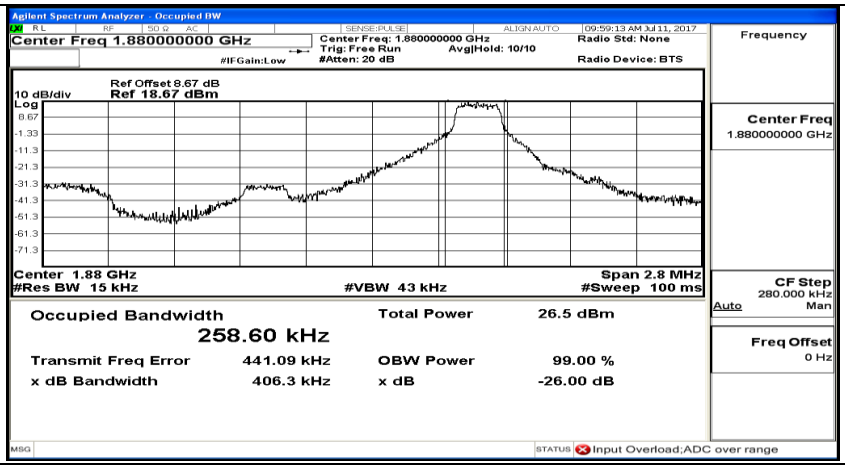
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



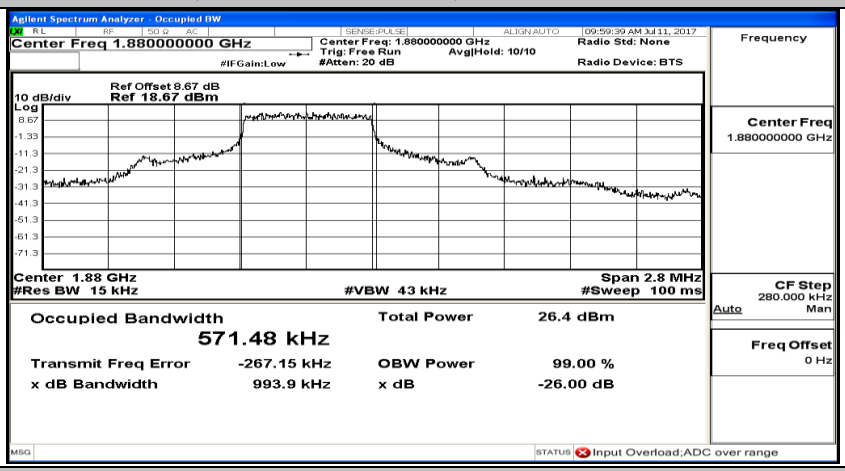
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



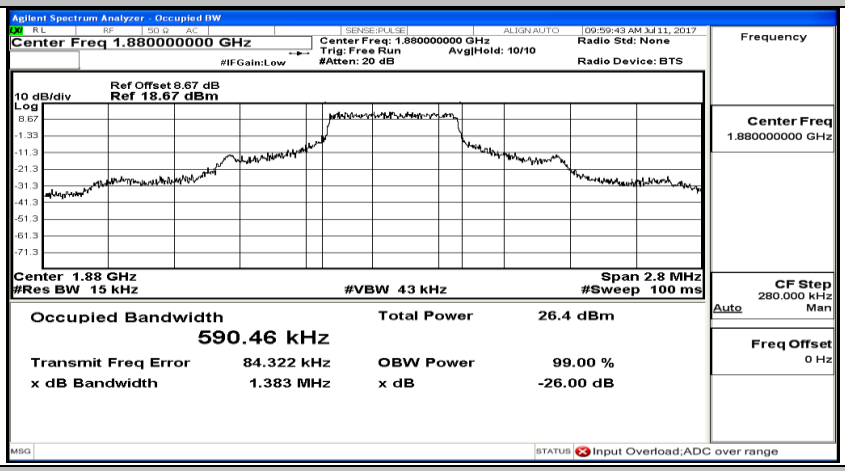
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5



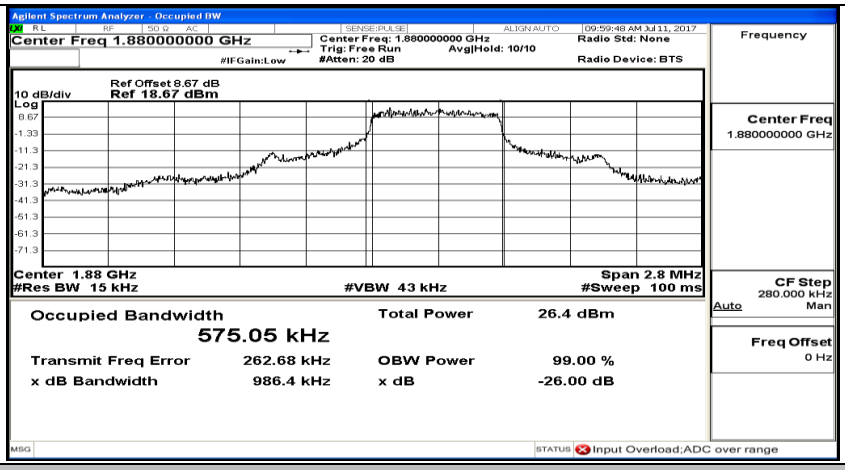
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#0



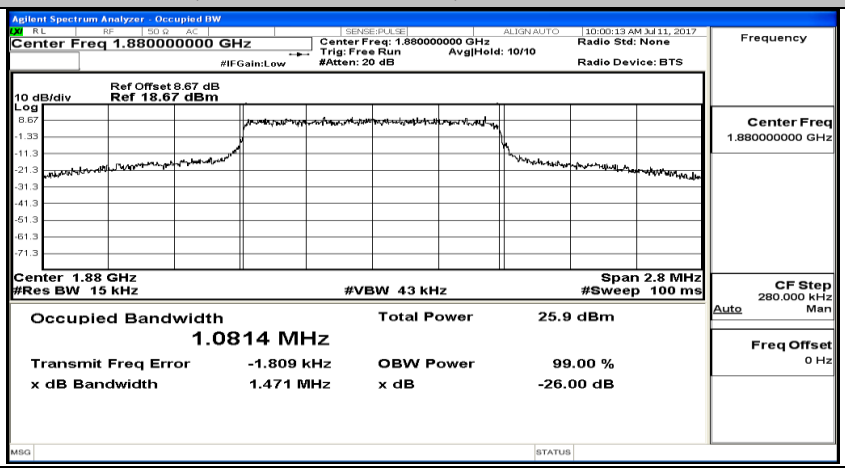
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#2



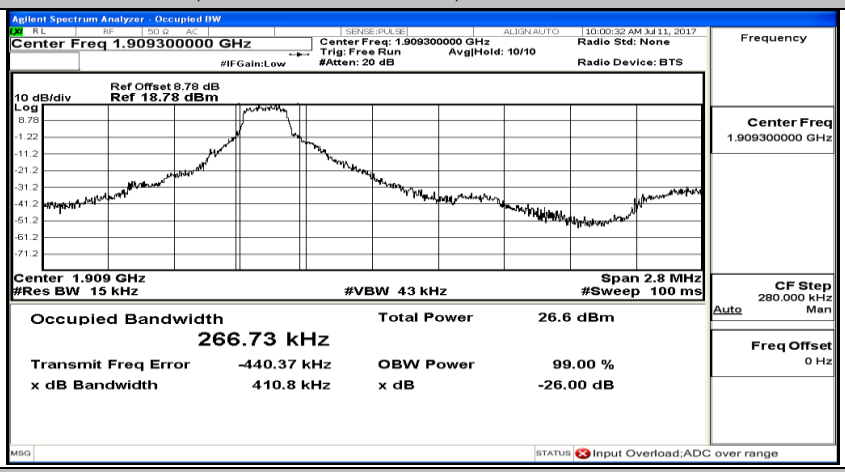
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#3



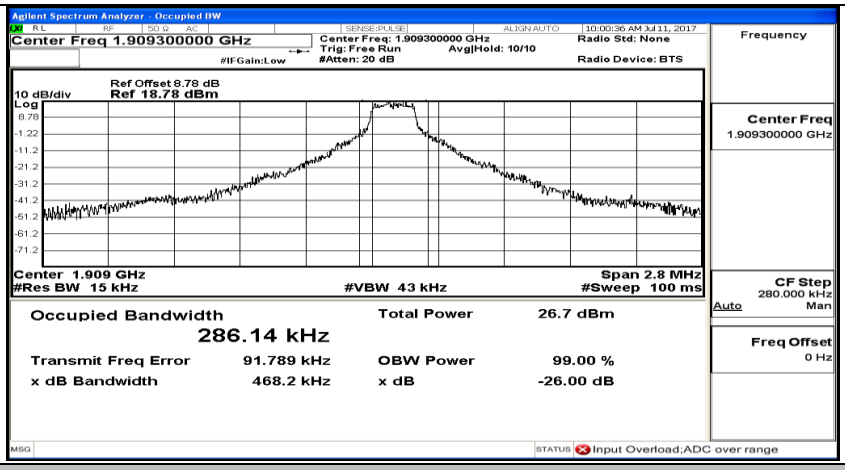
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



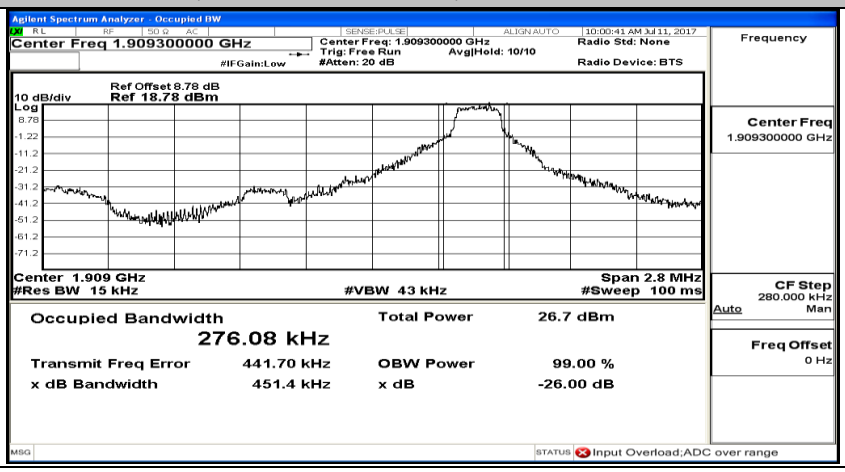
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



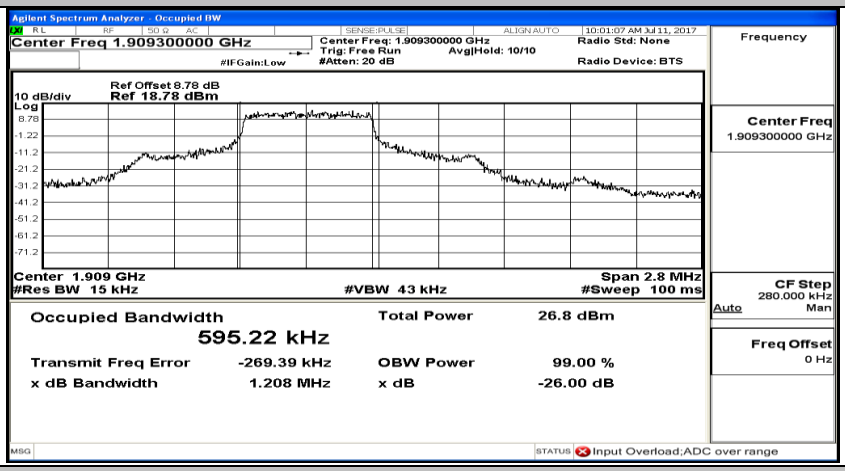
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3



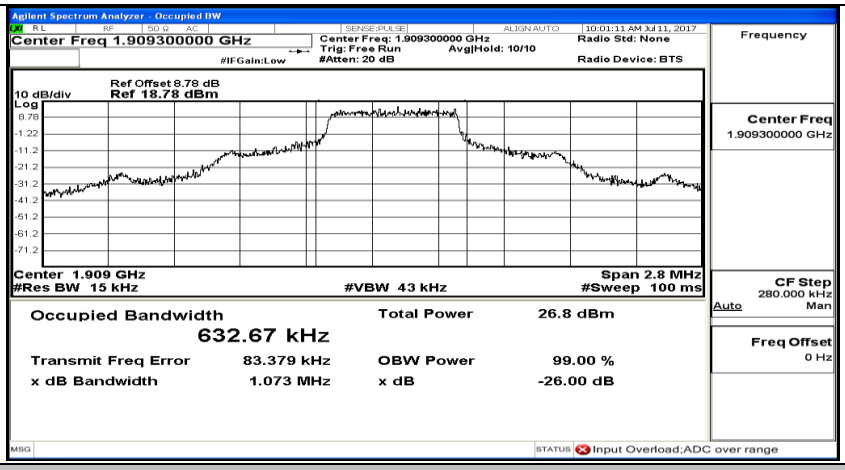
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



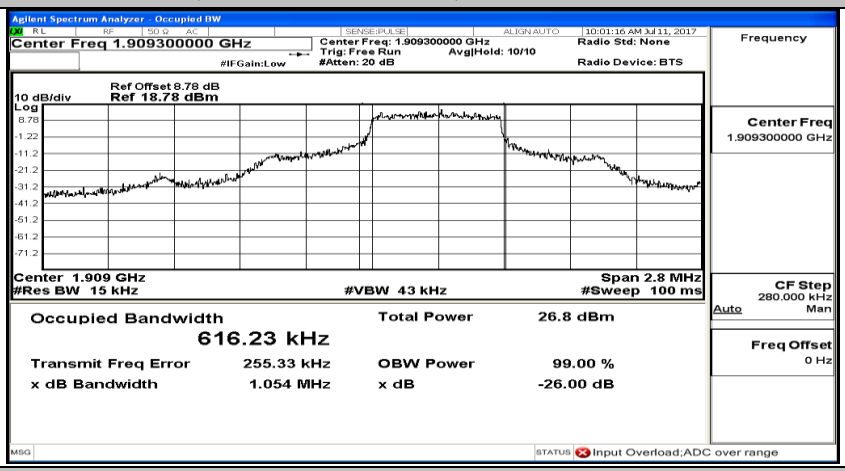
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0



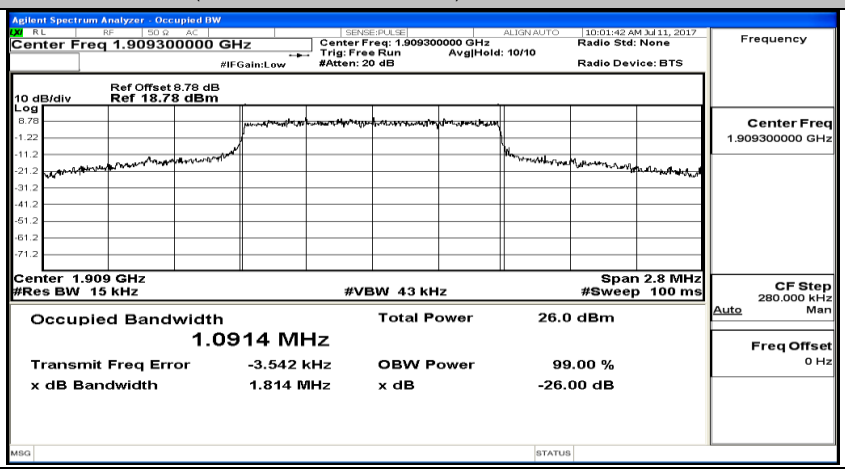
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2



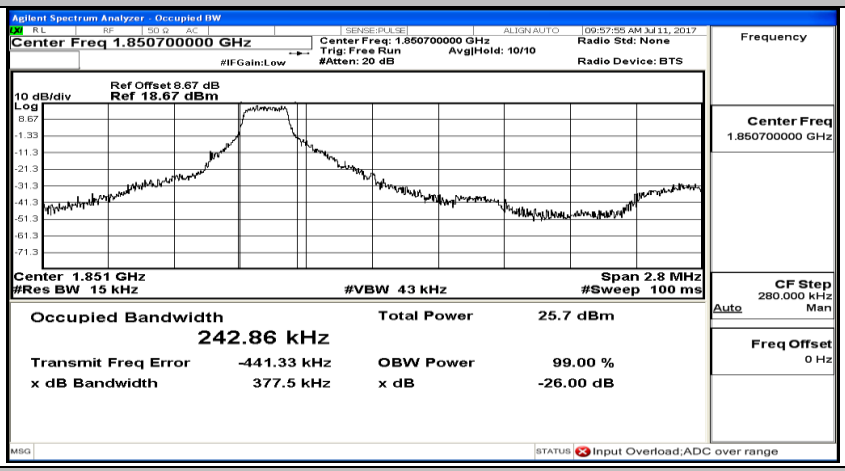
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#3



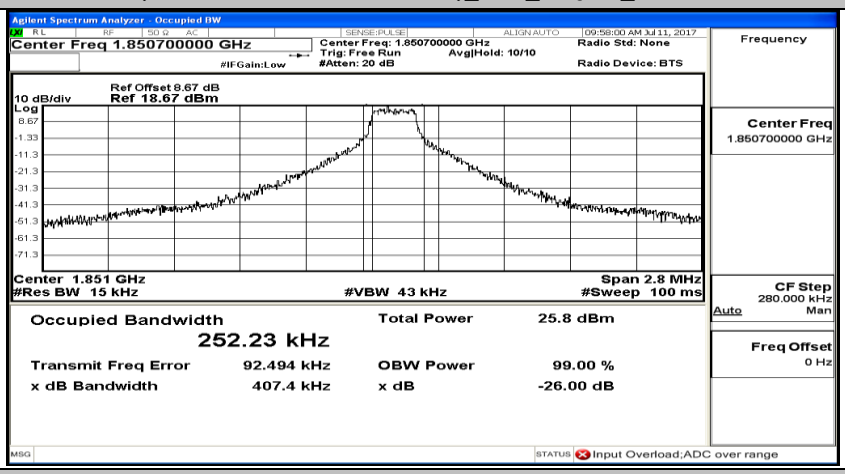
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



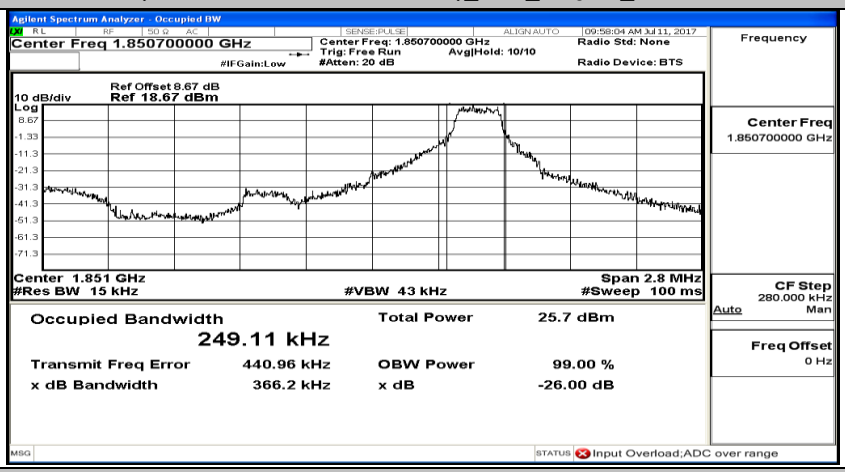
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



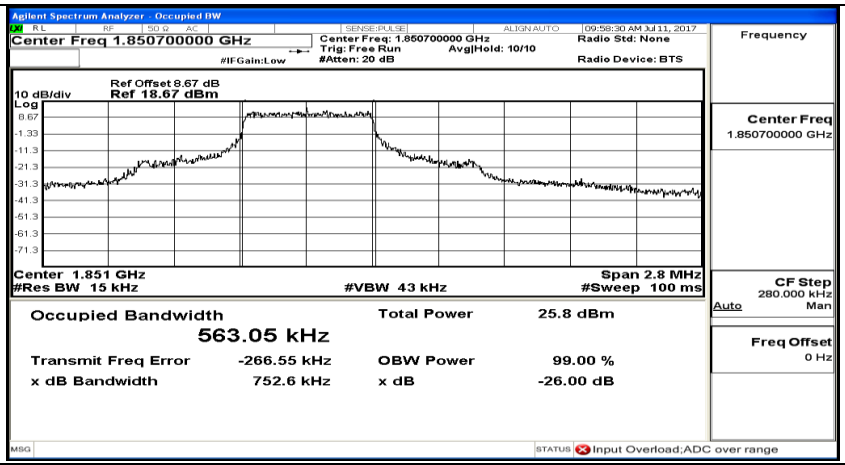
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



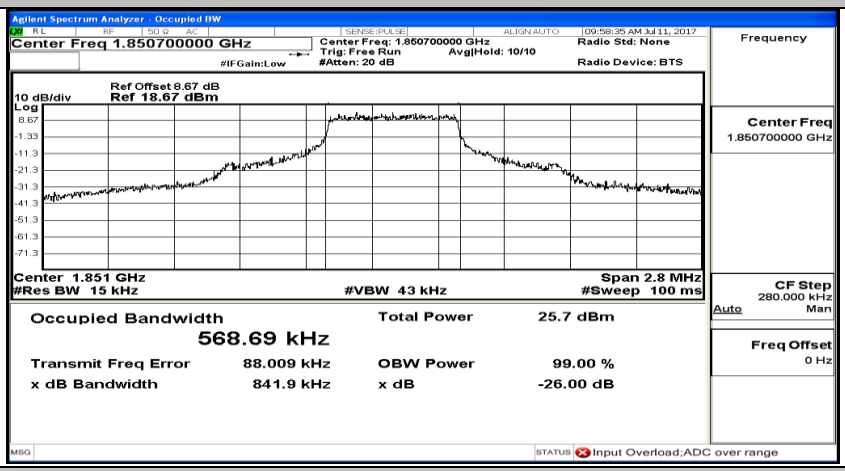
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5



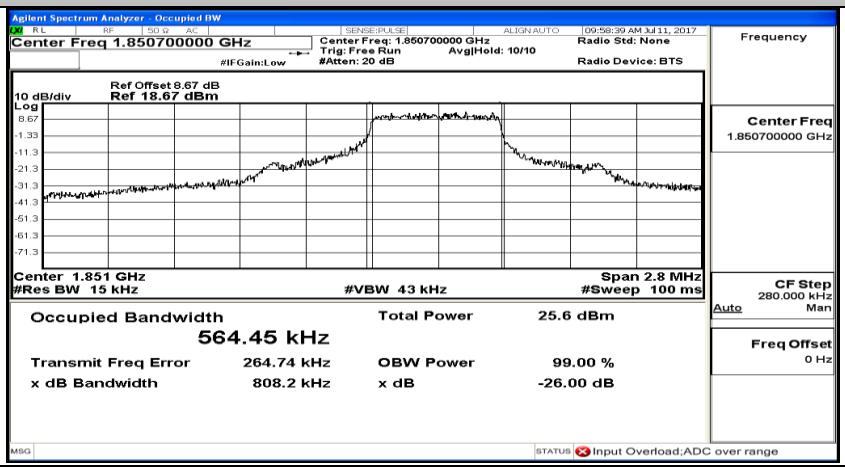
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0



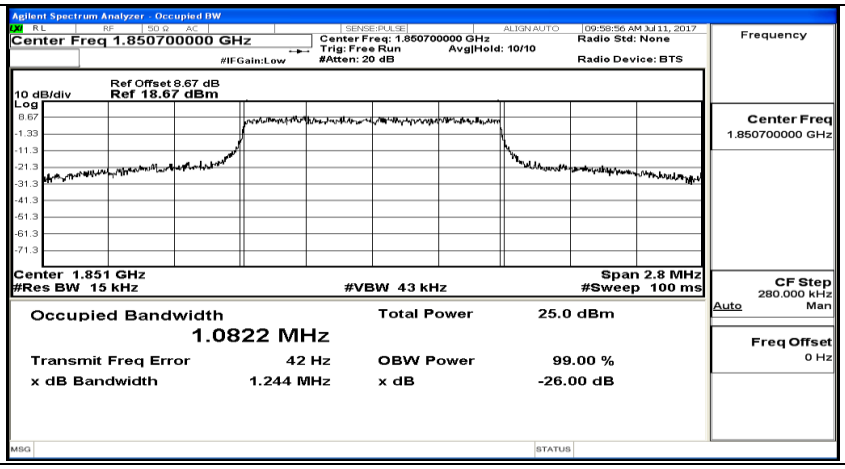
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#2



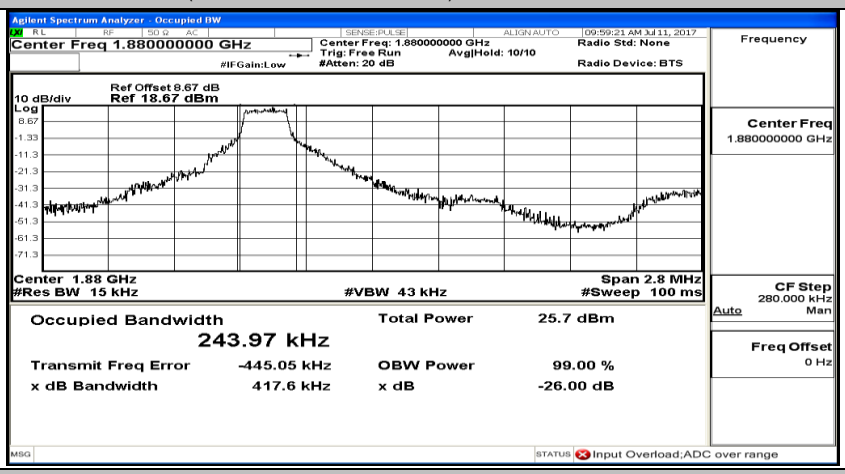
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3



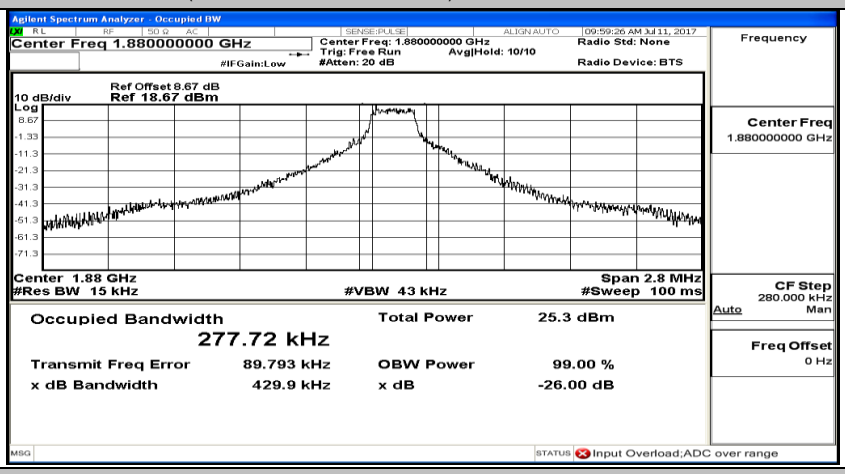
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



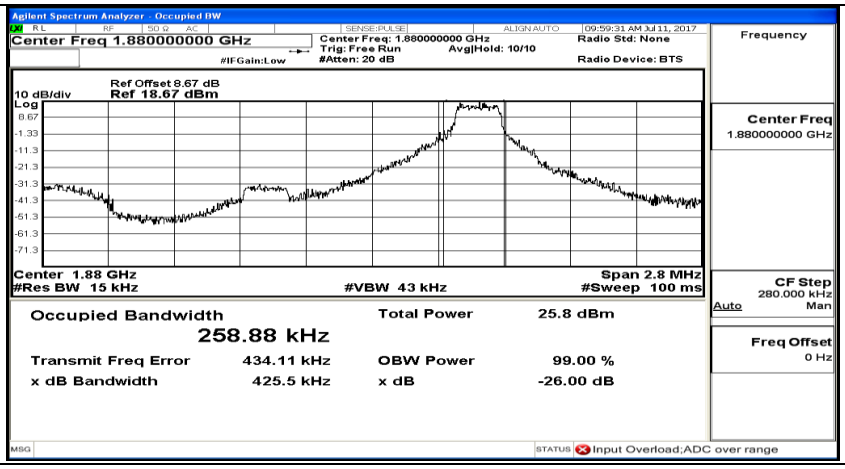
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0



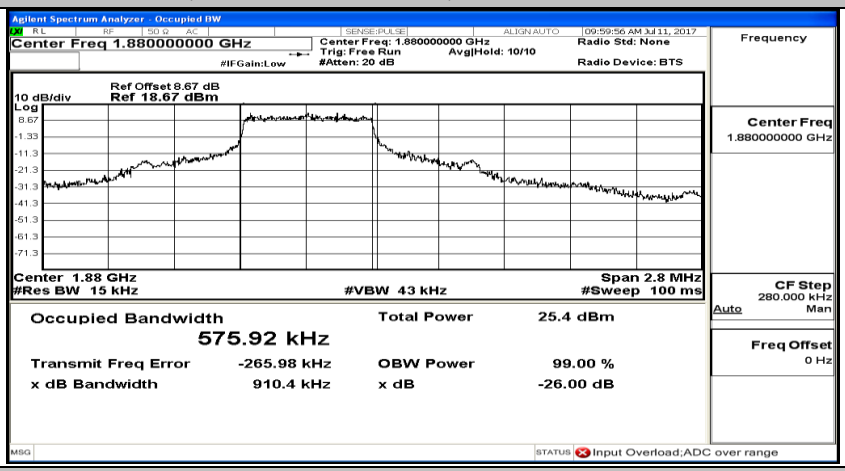
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3



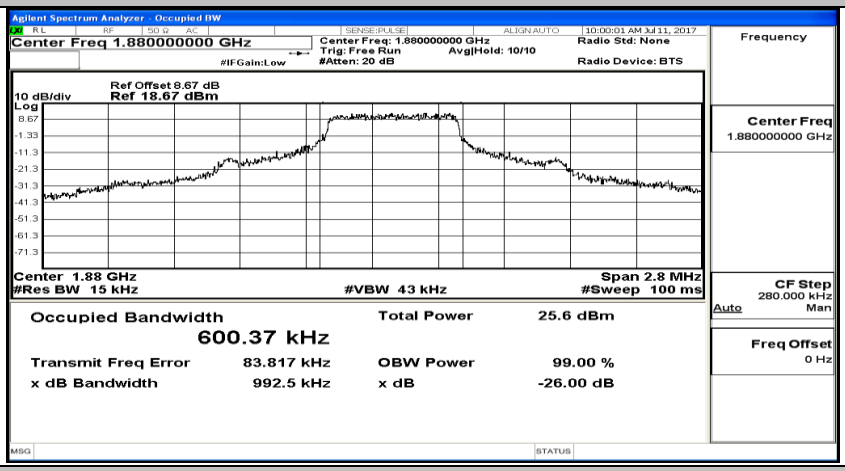
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5



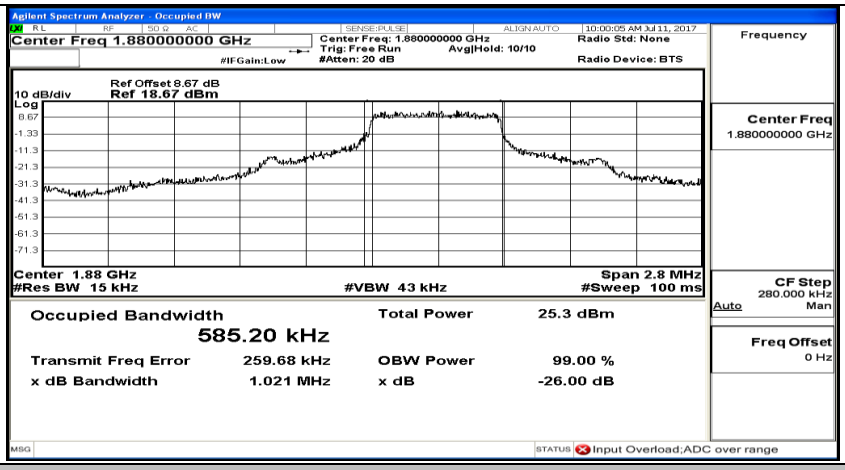
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#0



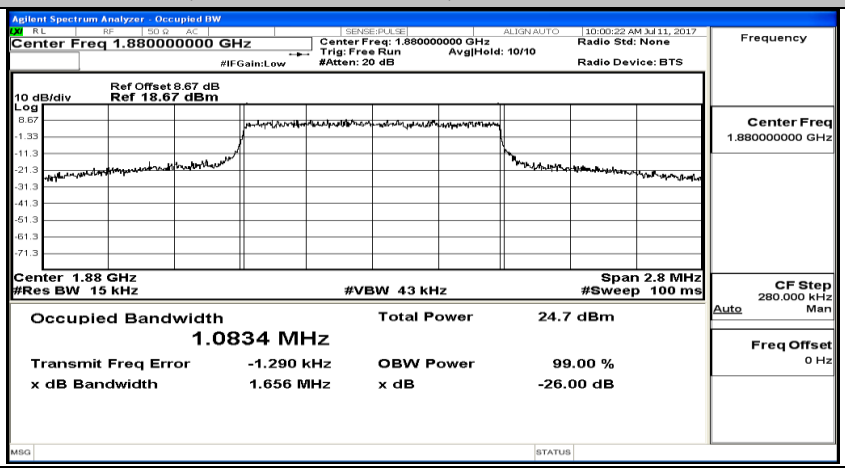
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#2



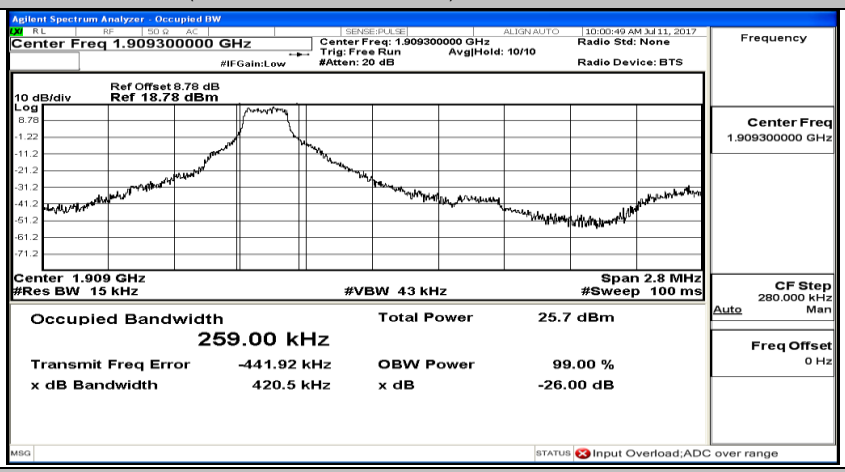
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#3



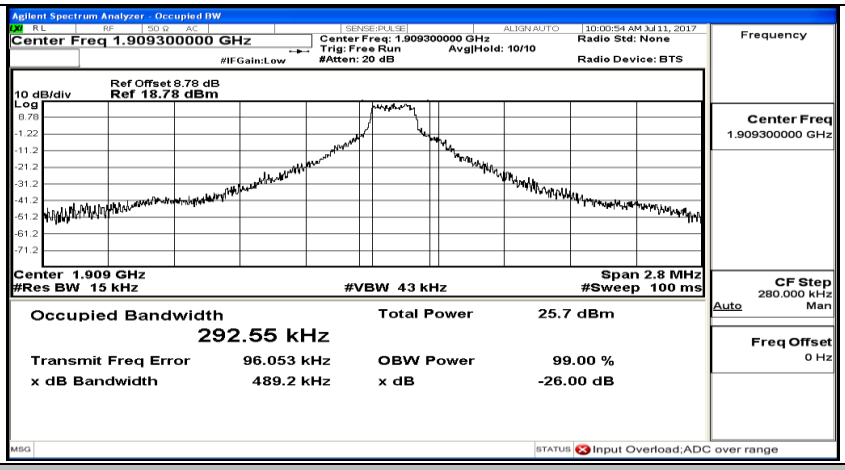
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



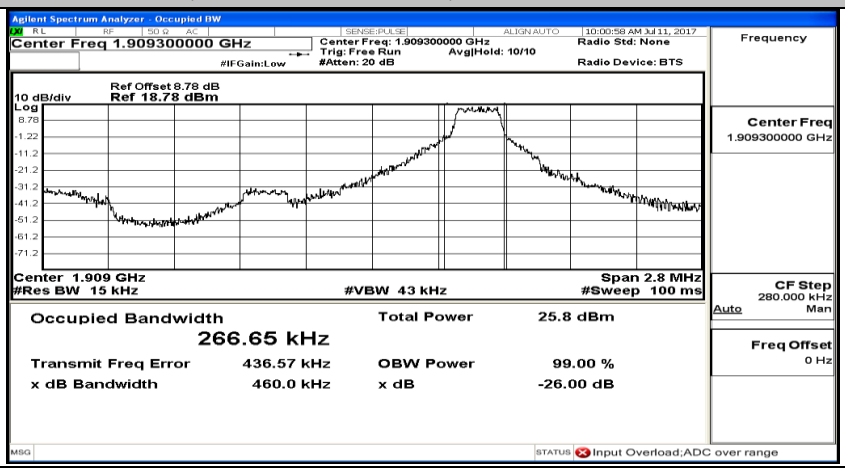
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



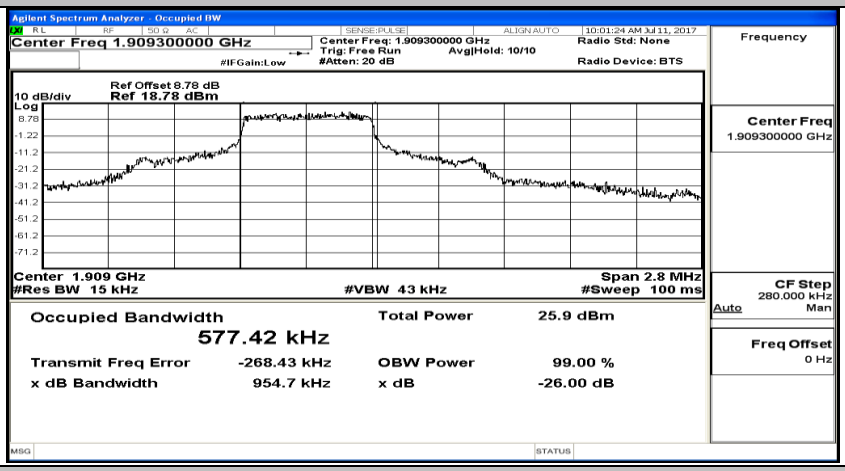
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



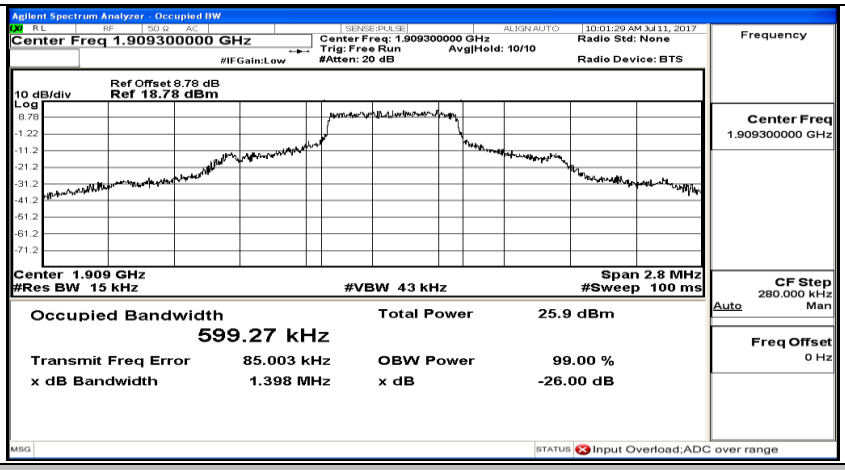
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



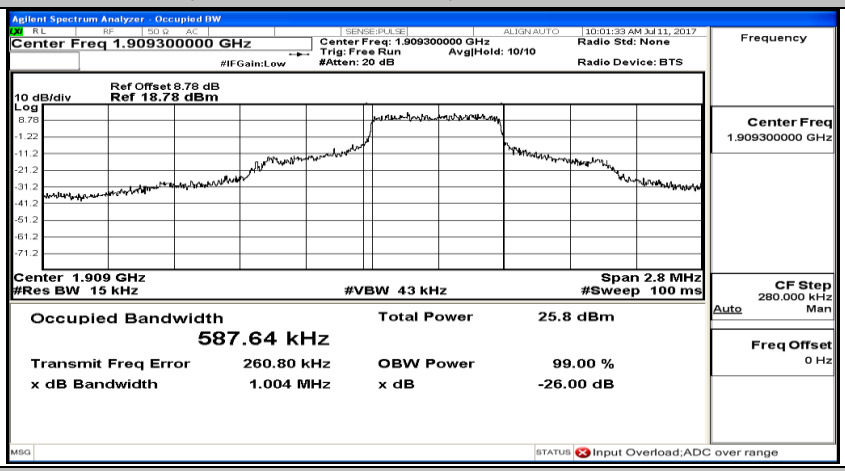
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#0



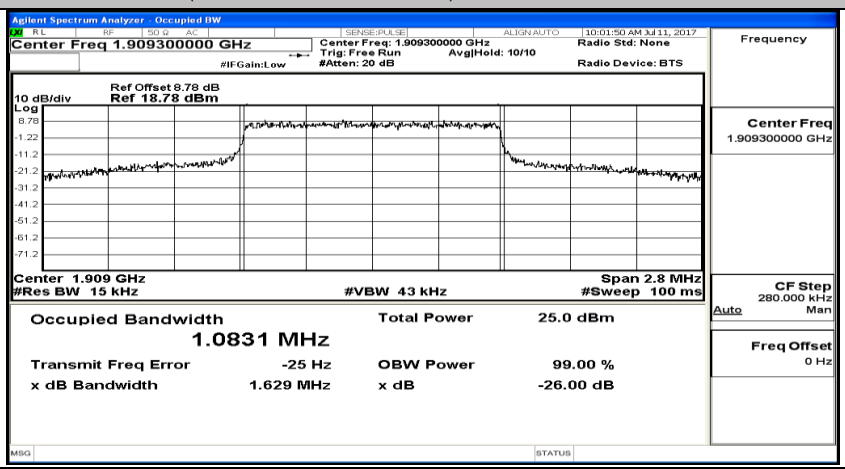
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#2



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#3

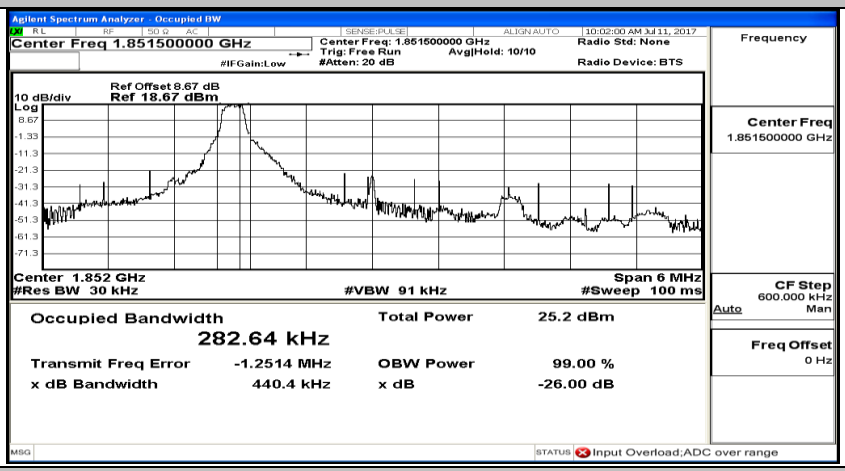


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

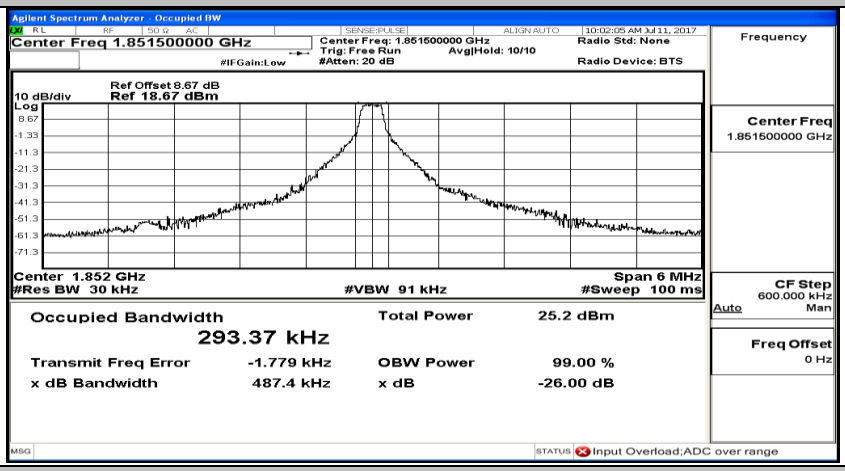


Channel Bandwidth: 3 MHz

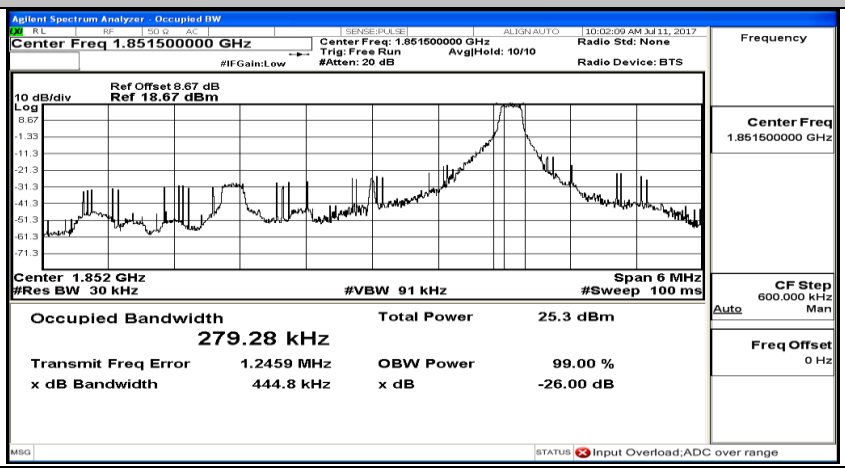
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



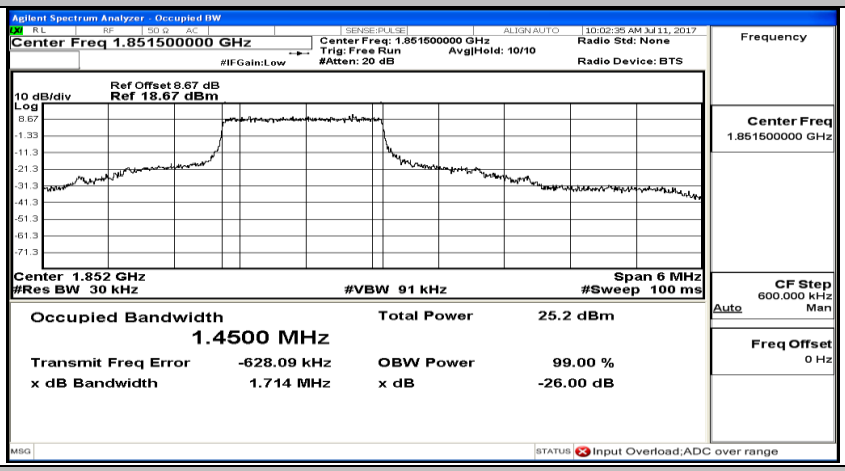
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7



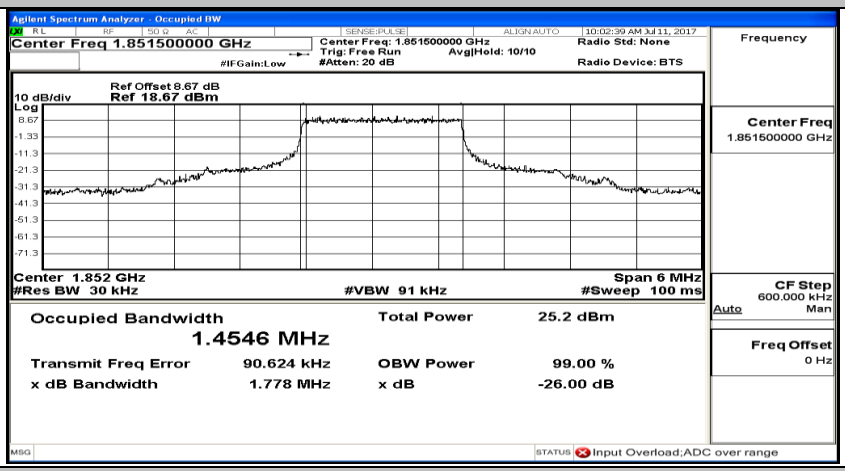
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14



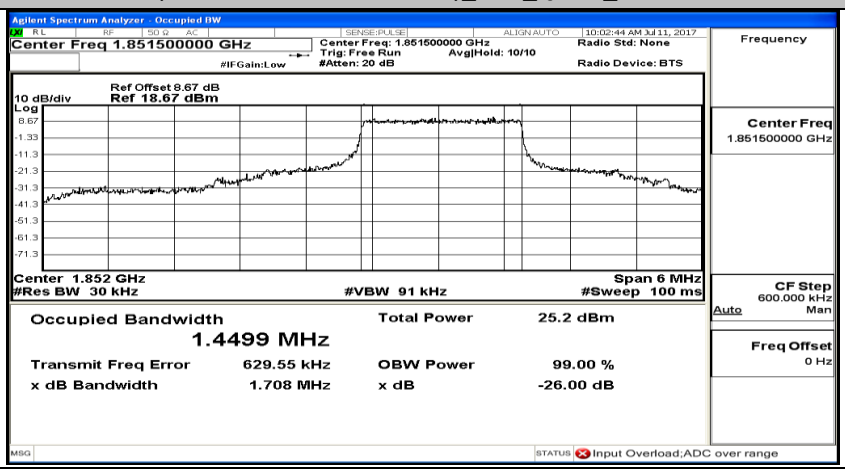
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#0



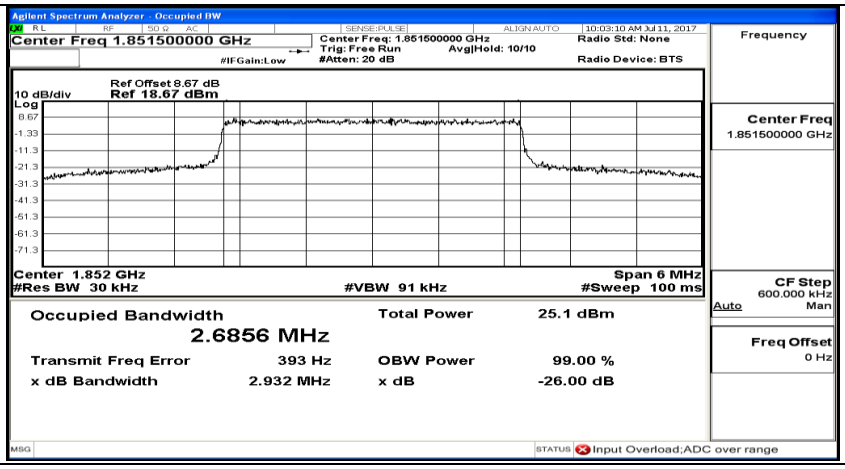
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#4



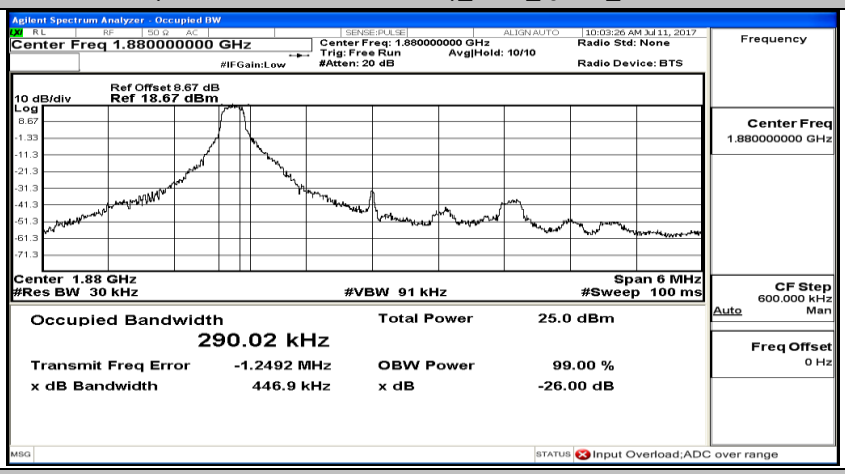
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#7



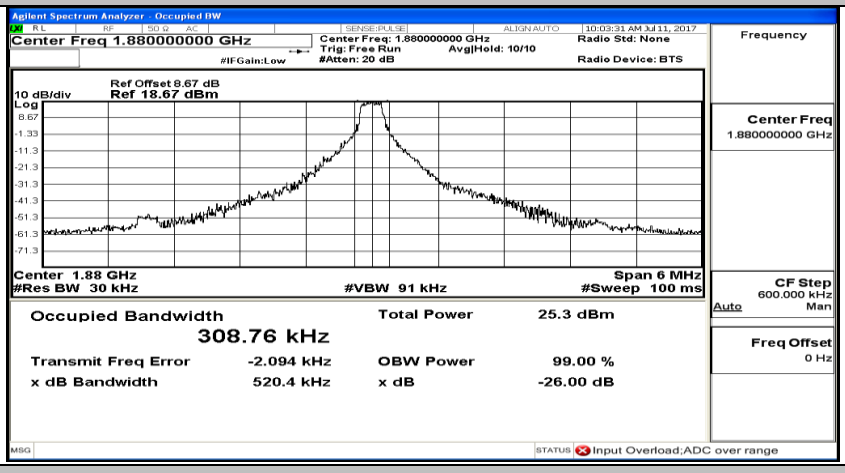
(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



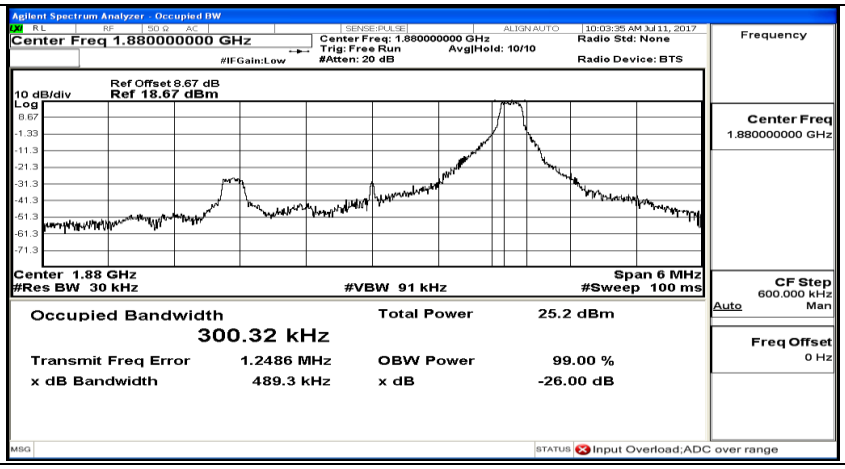
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0



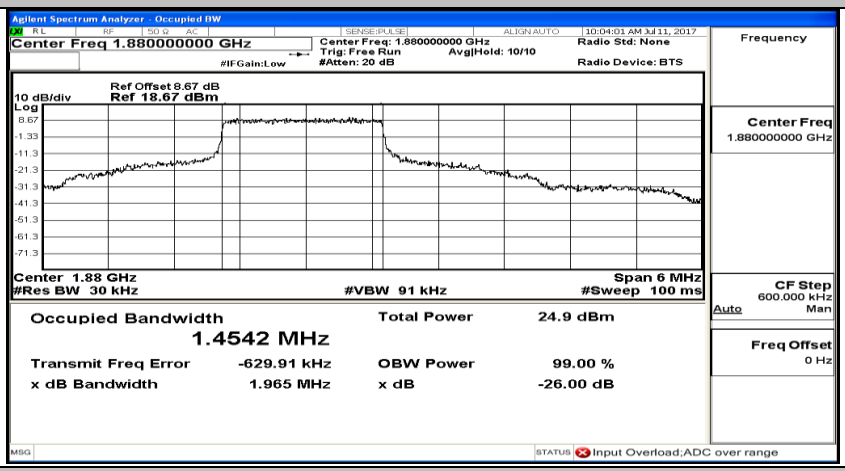
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7



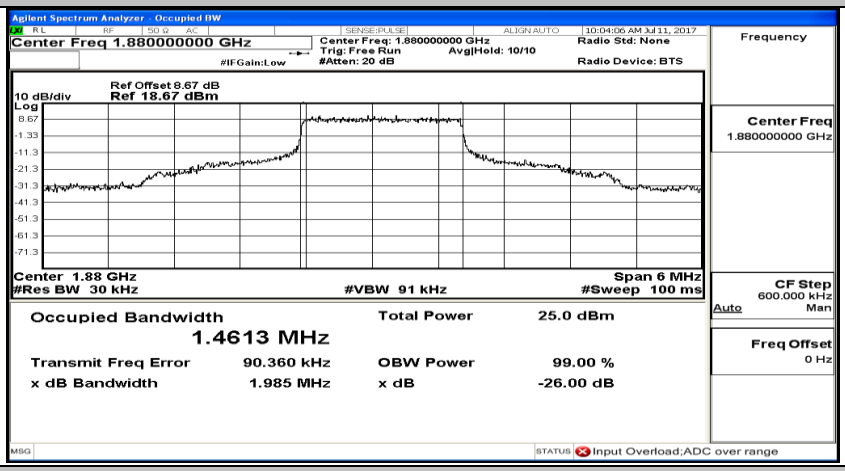
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14



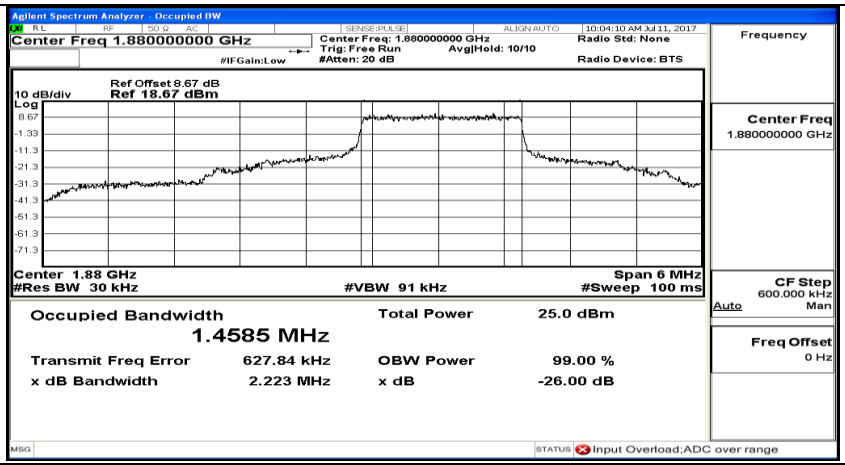
(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#0



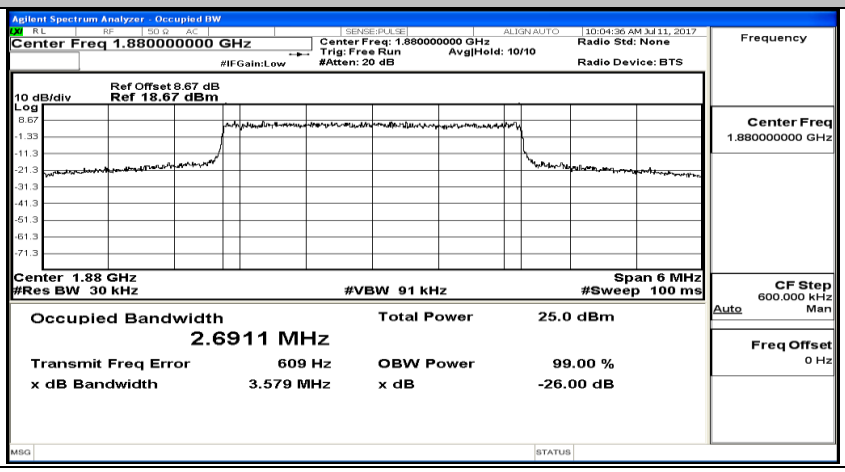
(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#4



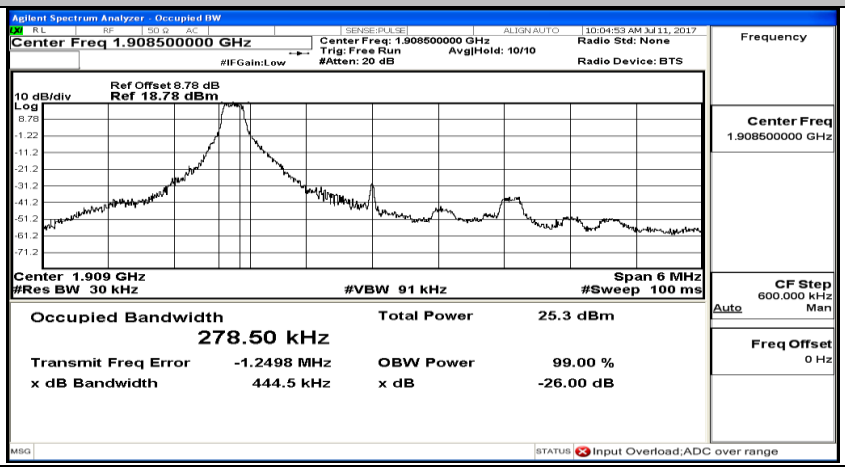
(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#7



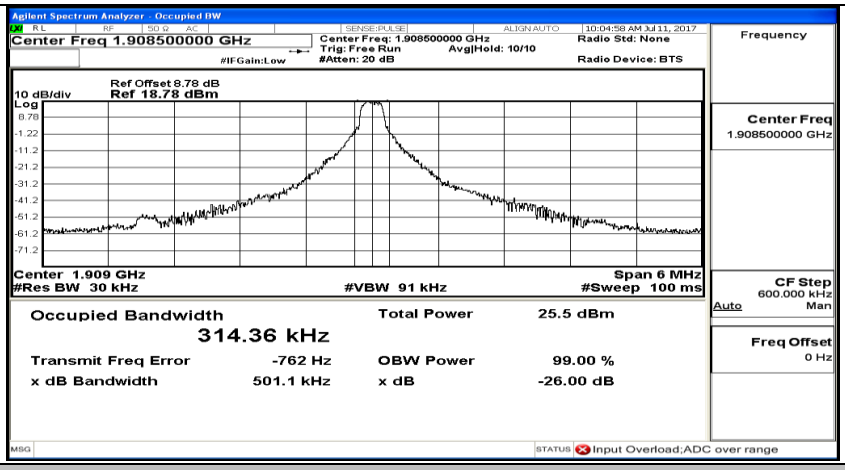
(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0



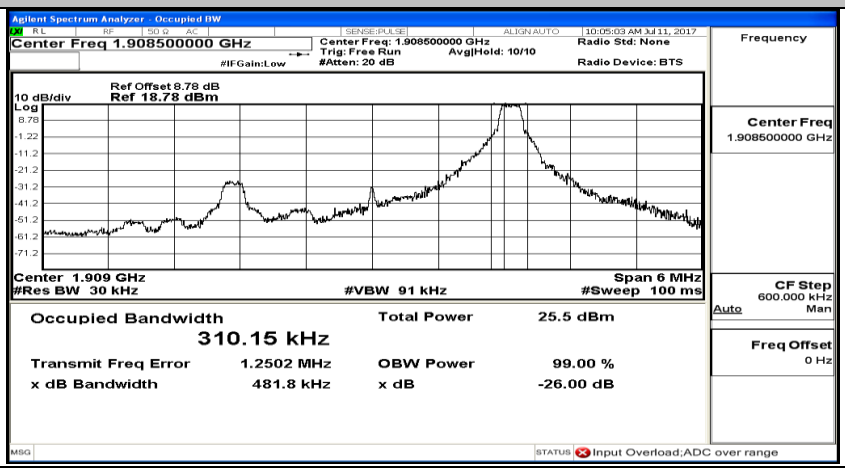
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0



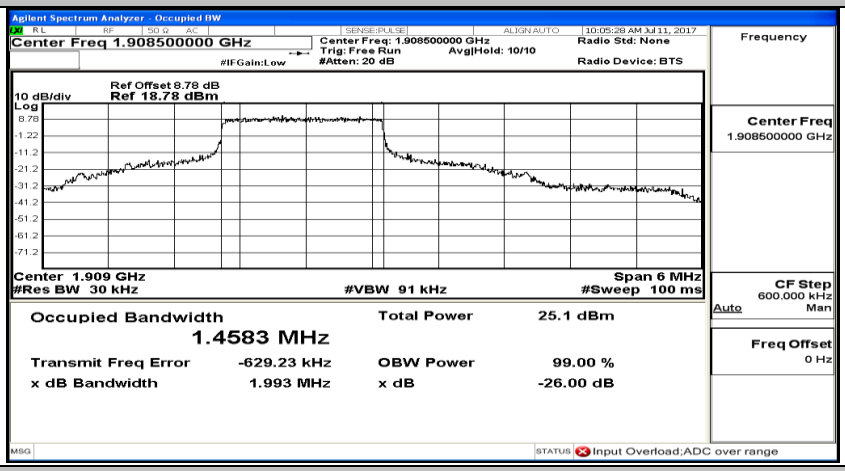
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7



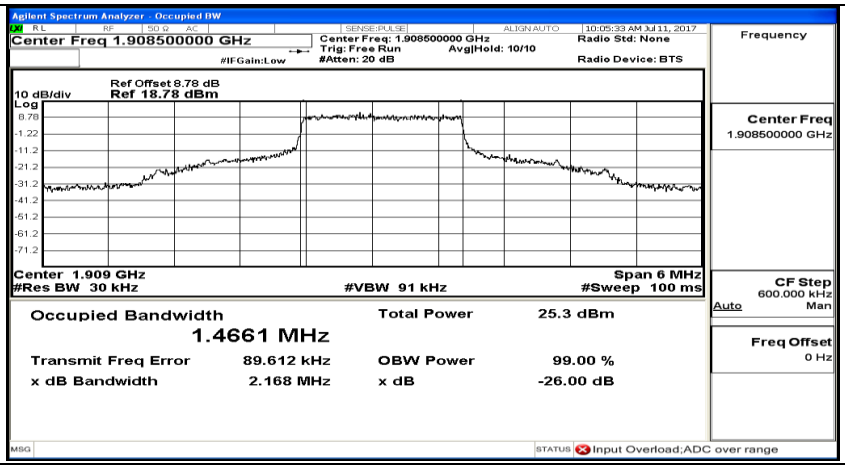
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14



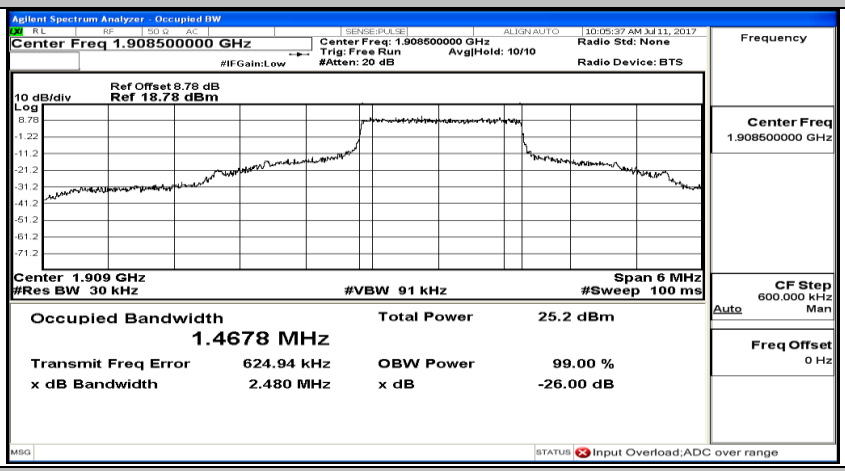
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#0



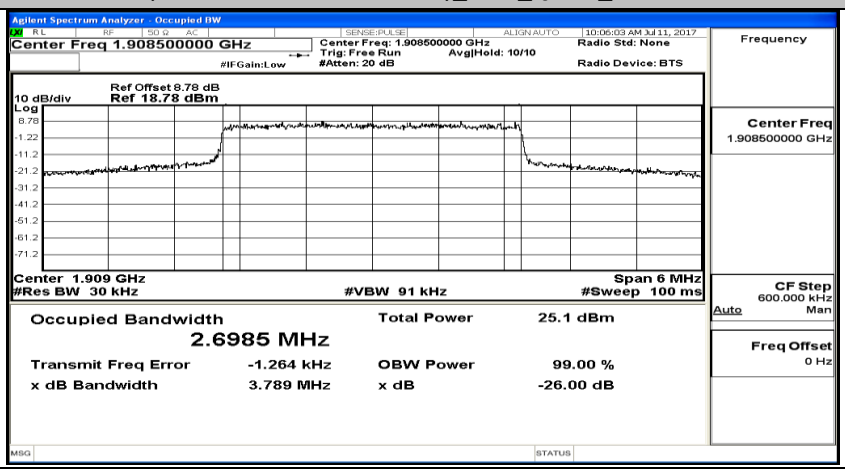
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#4



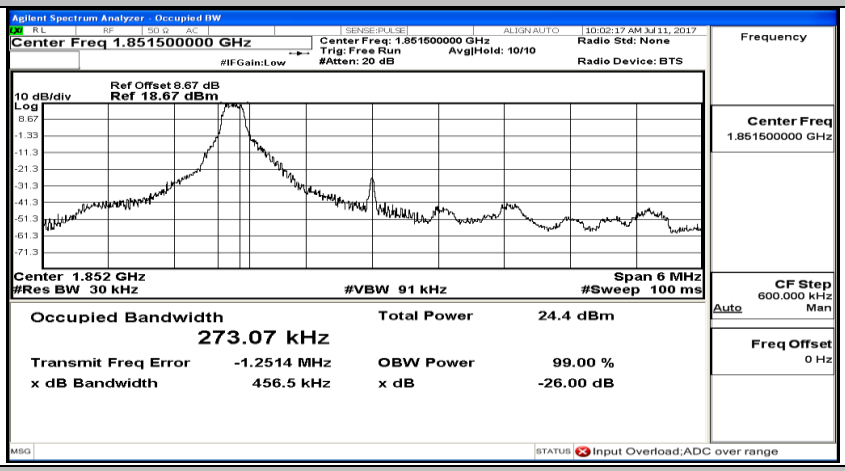
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#7



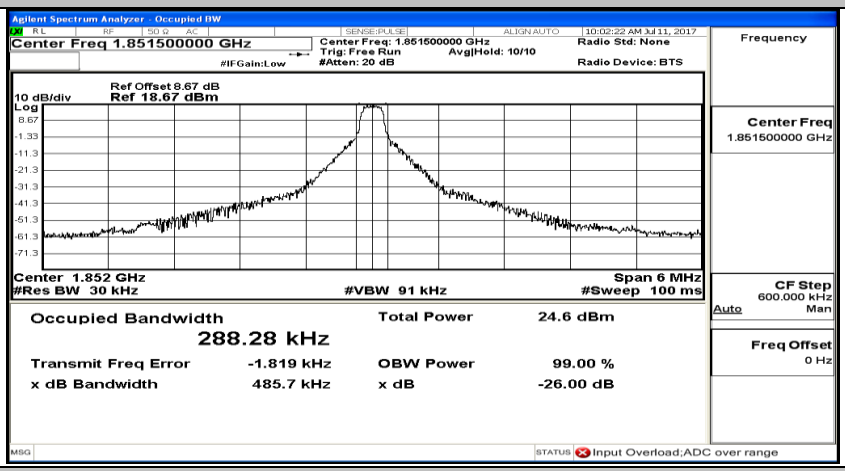
(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0



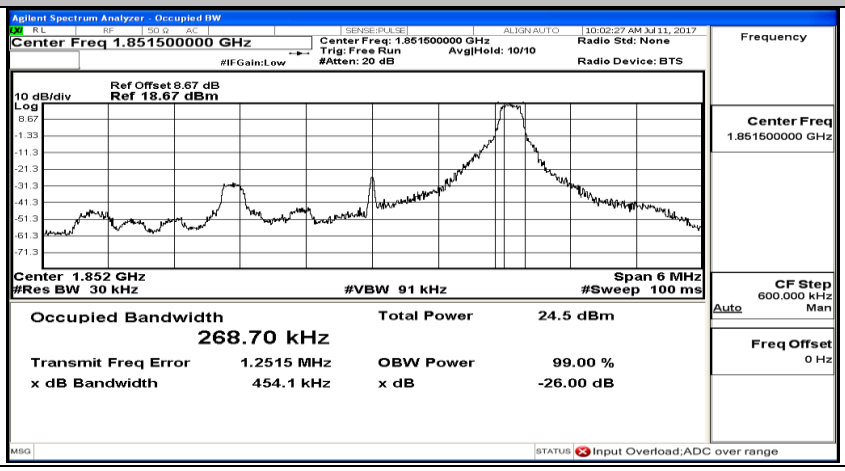
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



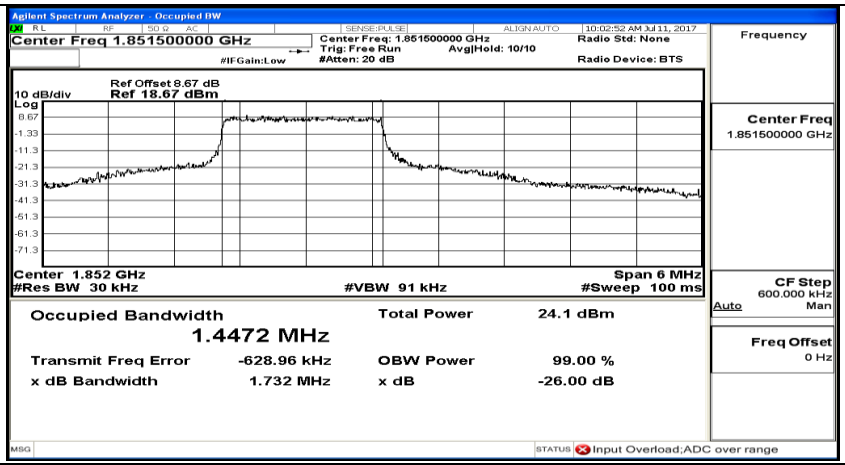
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7



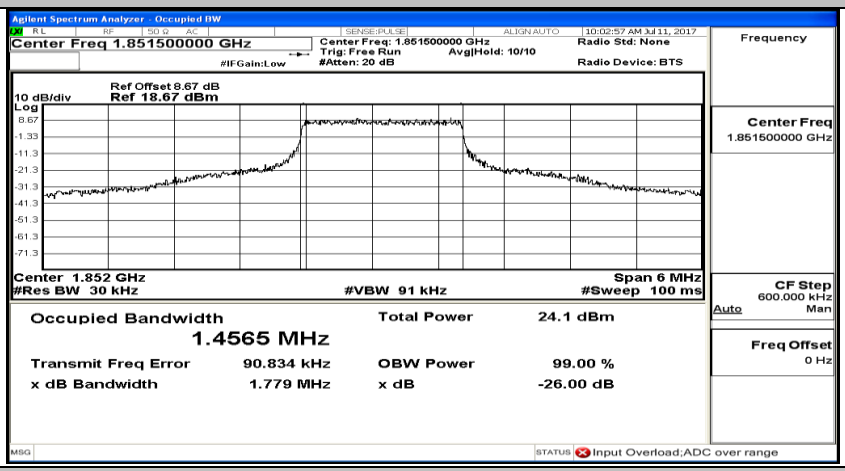
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14



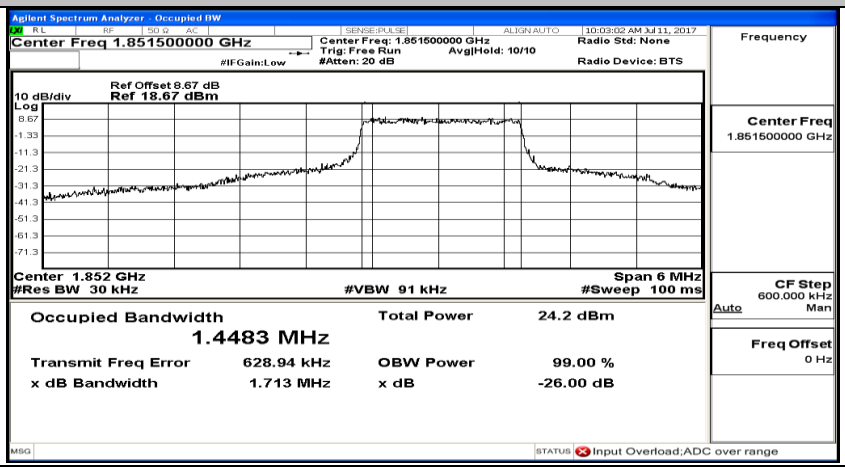
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#0



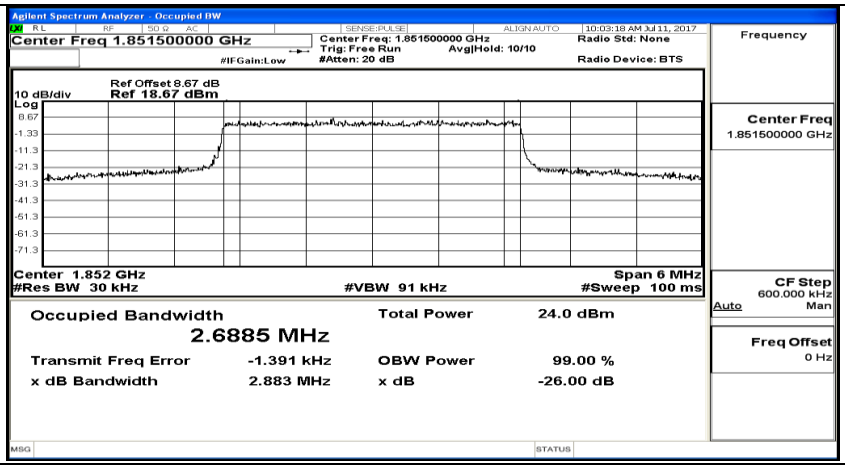
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#4



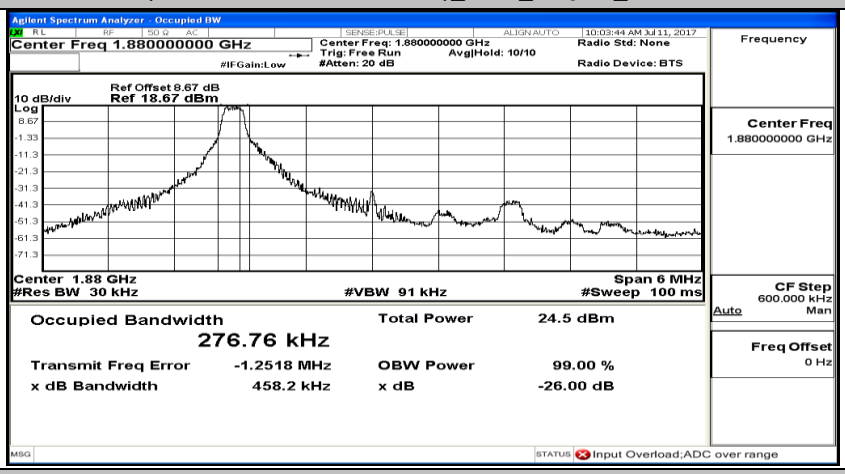
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#7



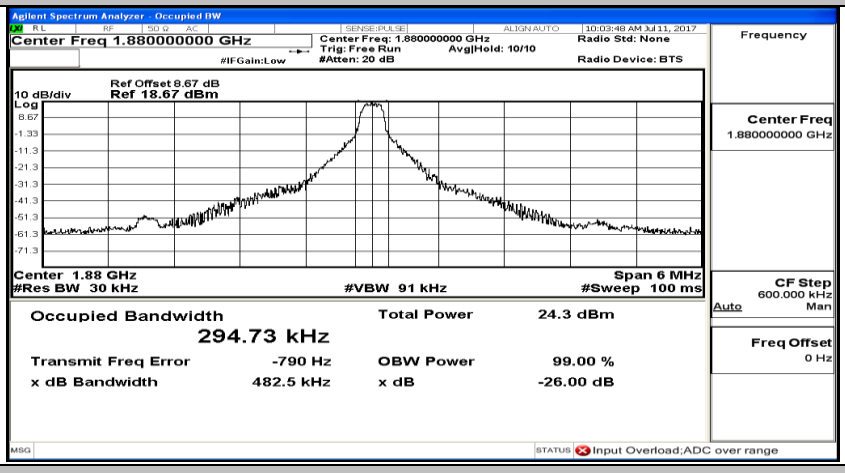
(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0



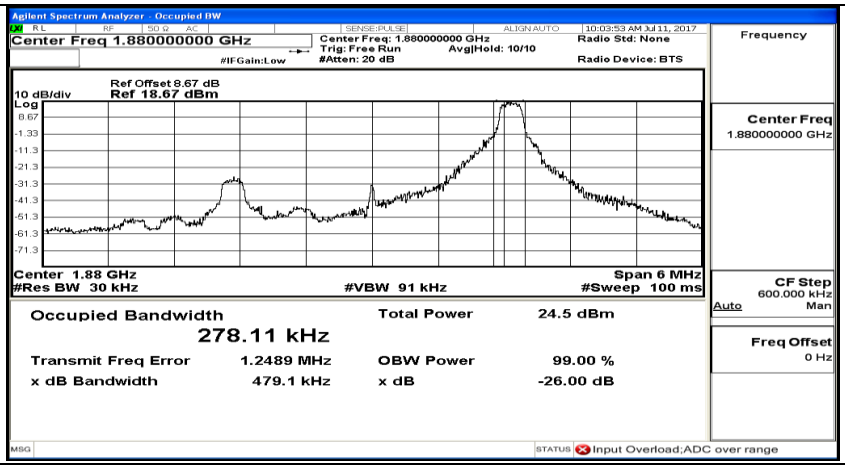
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0



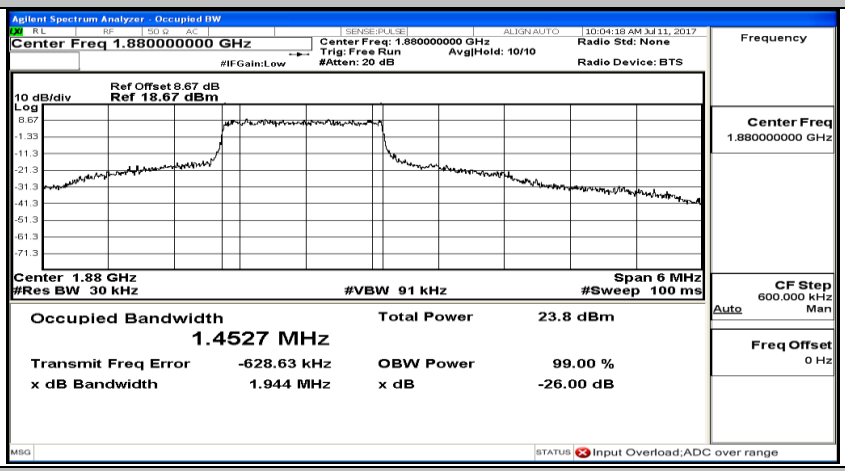
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7



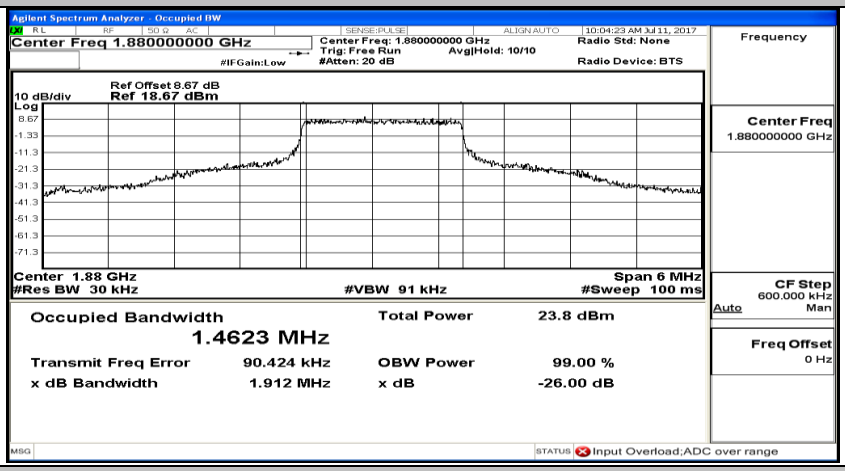
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14



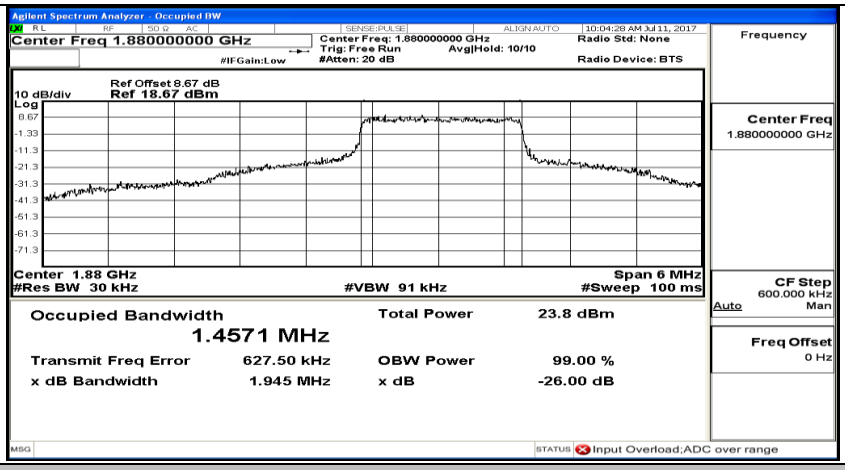
(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#0



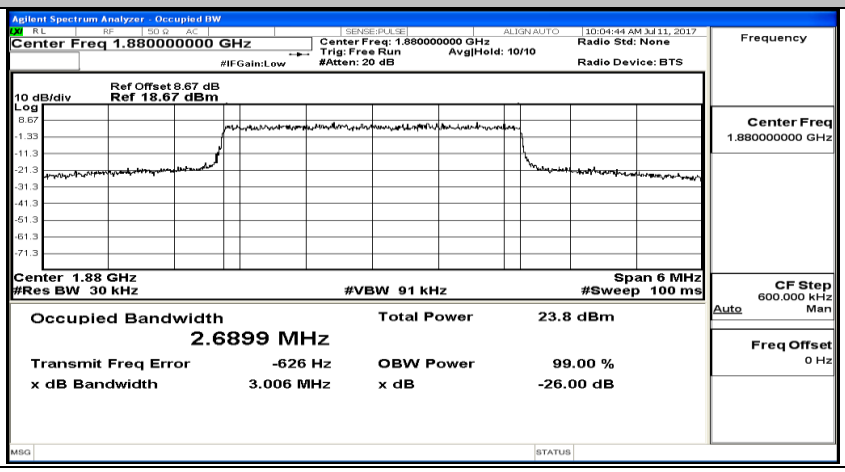
(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#4



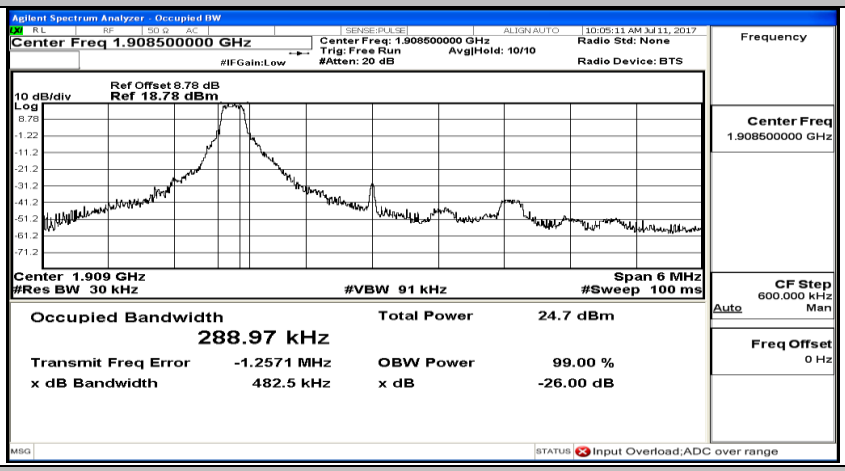
(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#7



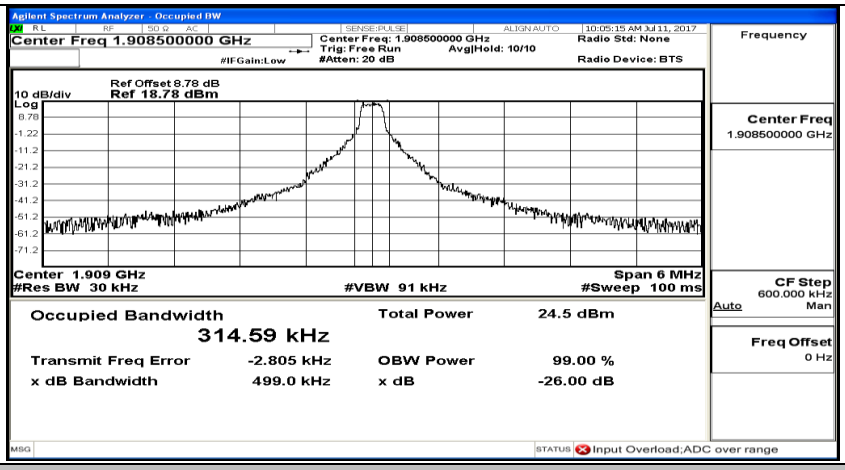
(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0



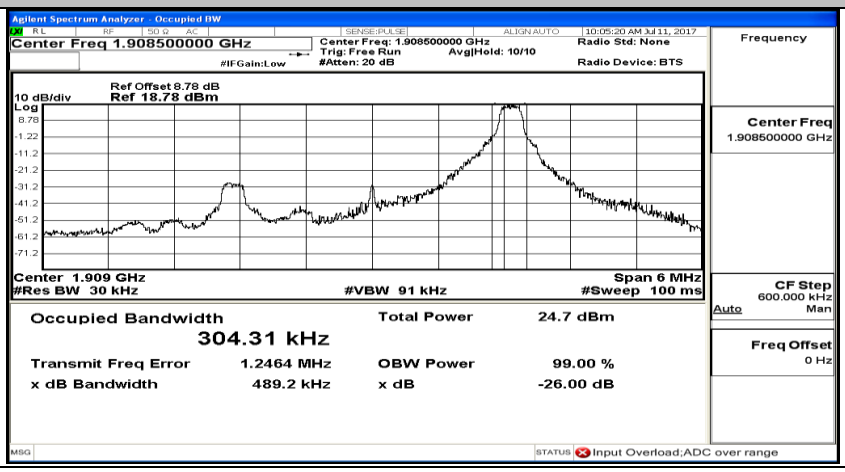
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0



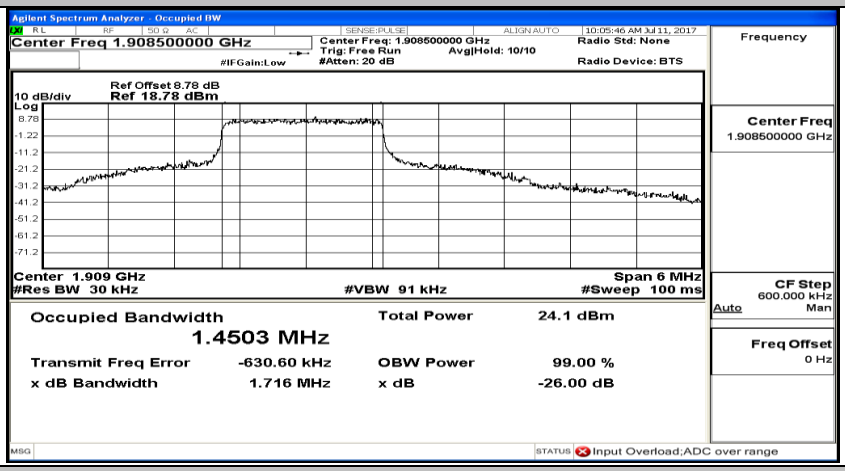
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7



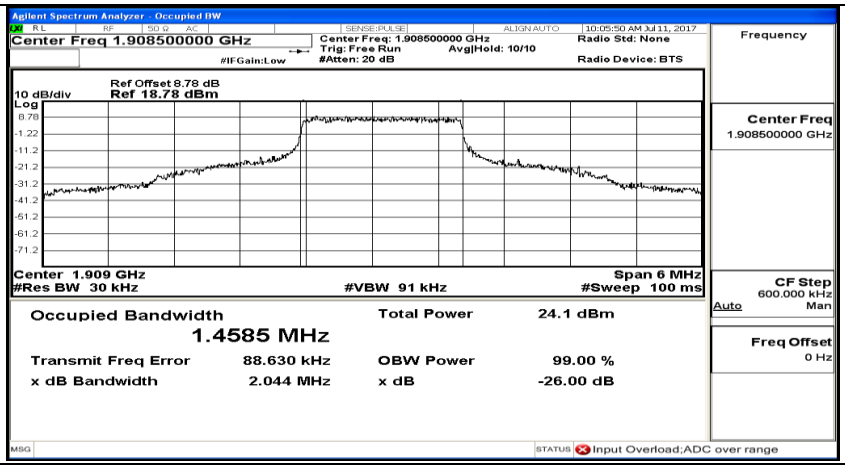
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#14



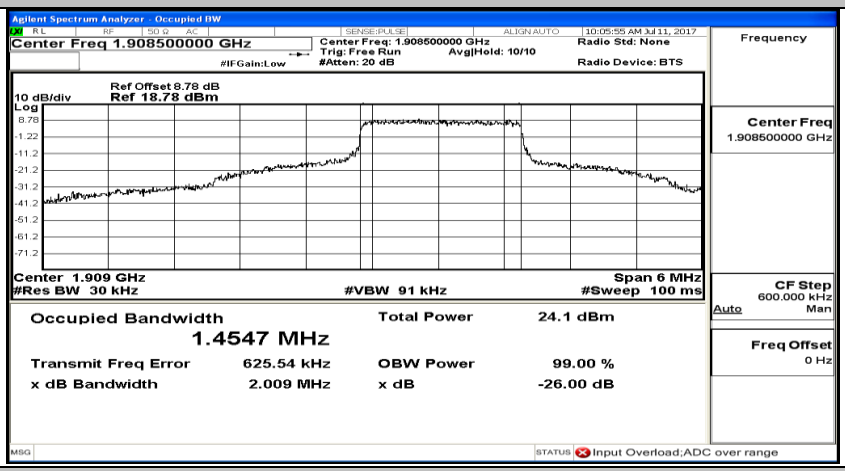
(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#0



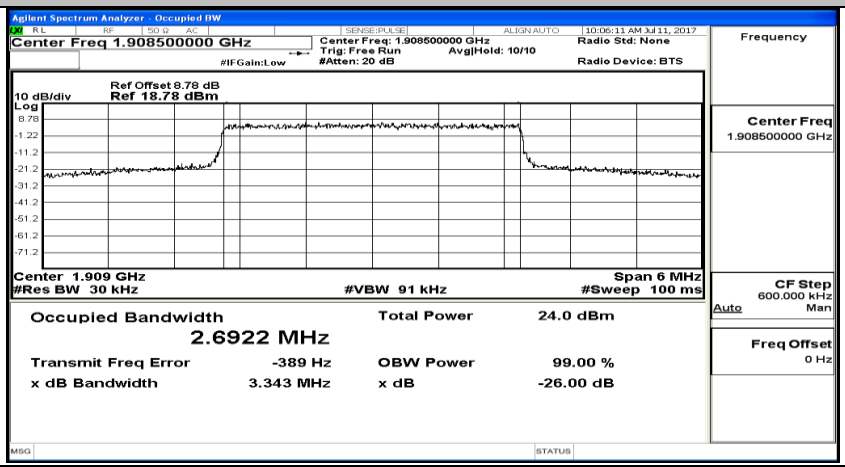
(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#4



(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#7

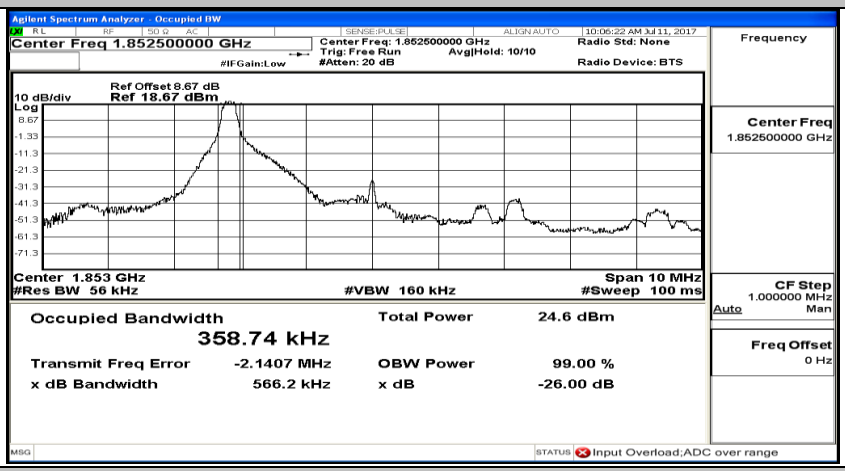


(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0

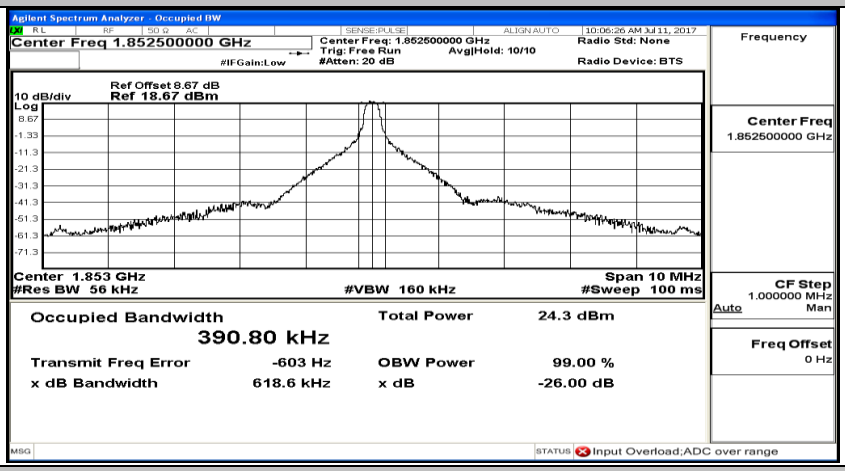


Channel Bandwidth: 5 MHz

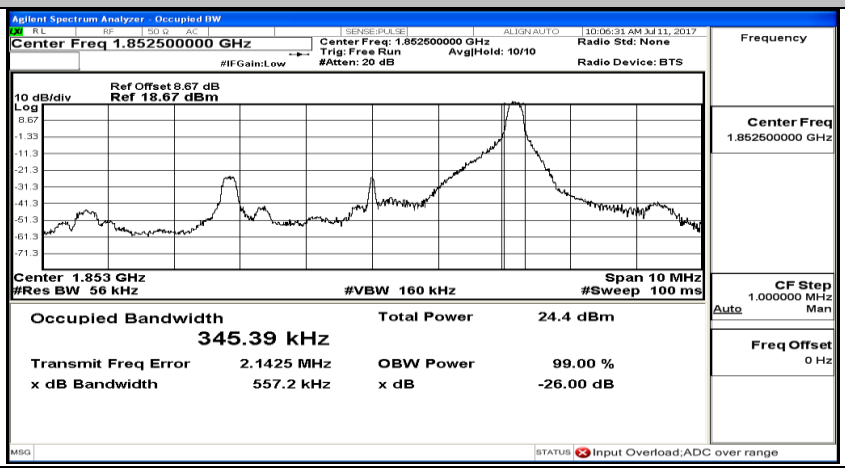
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



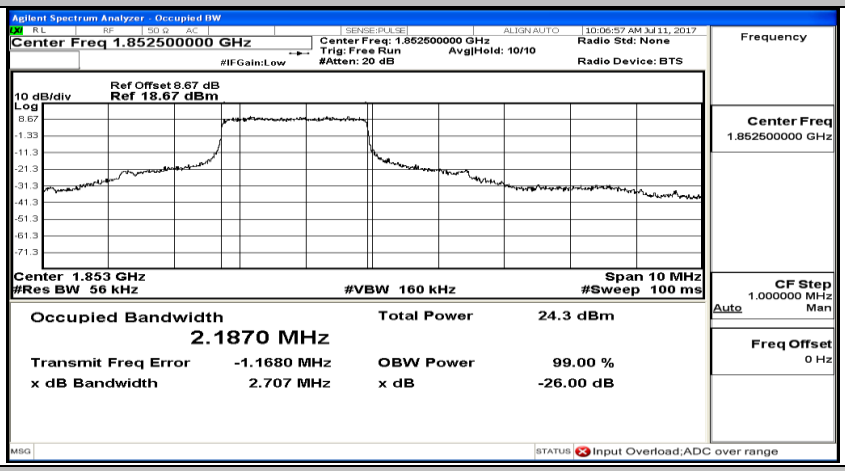
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



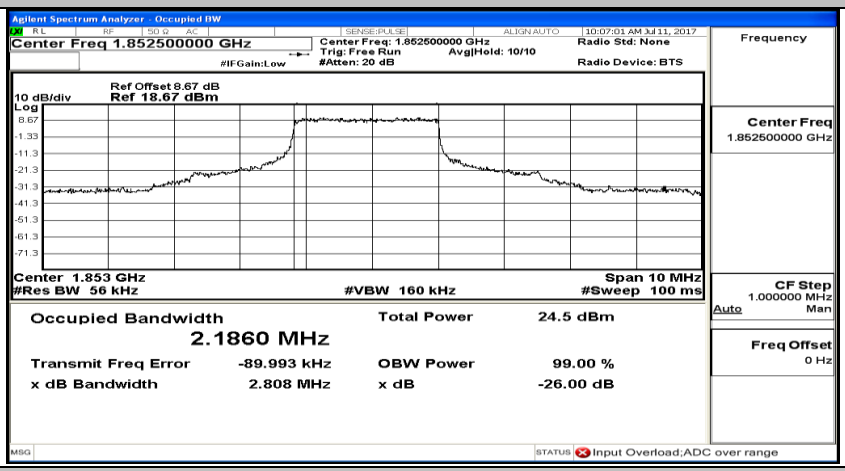
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



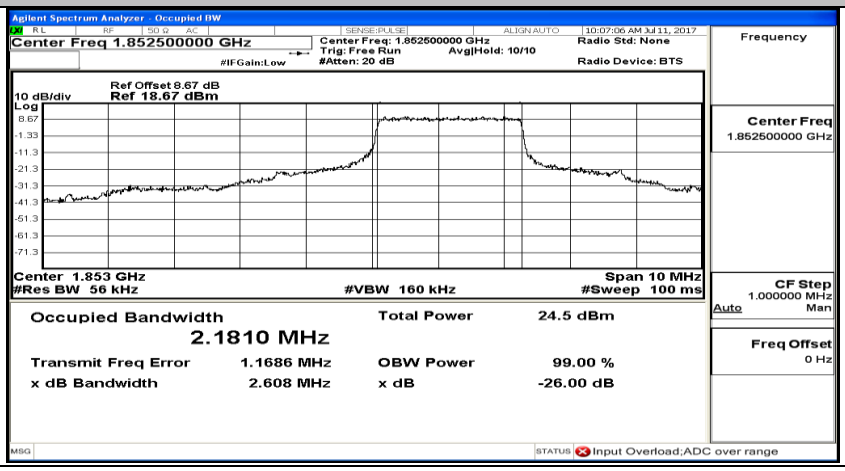
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



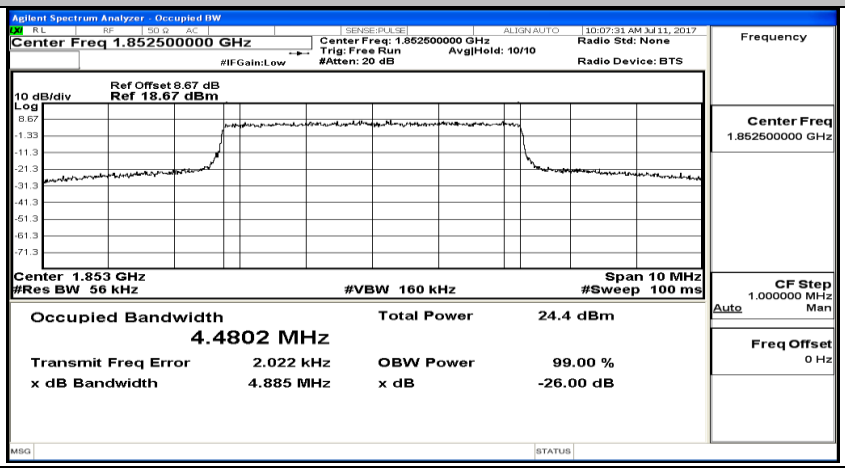
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



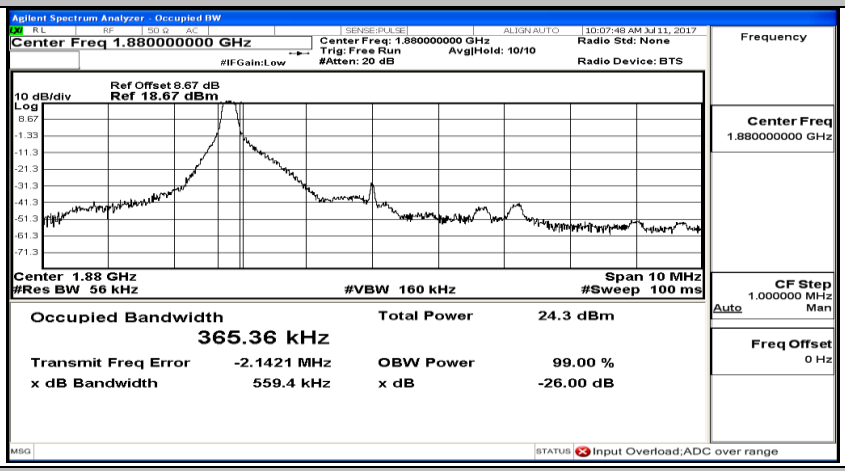
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



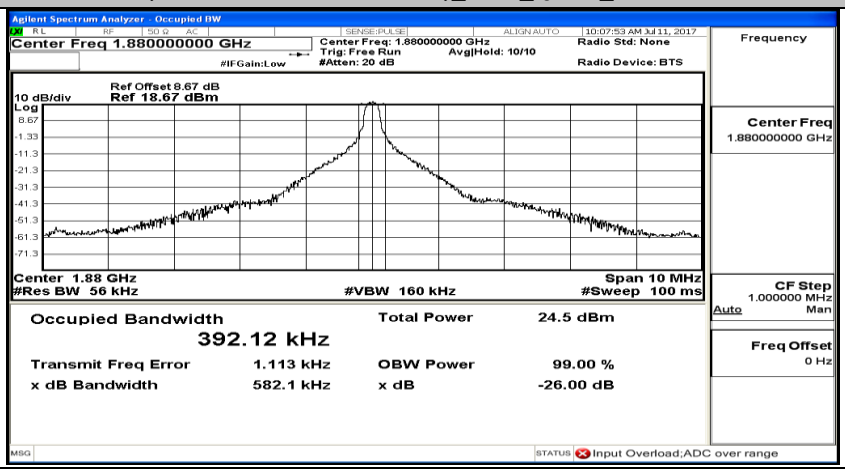
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



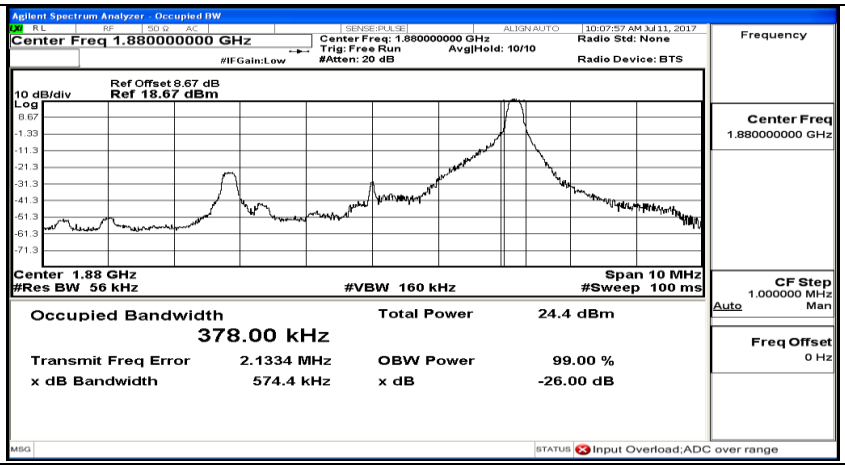
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



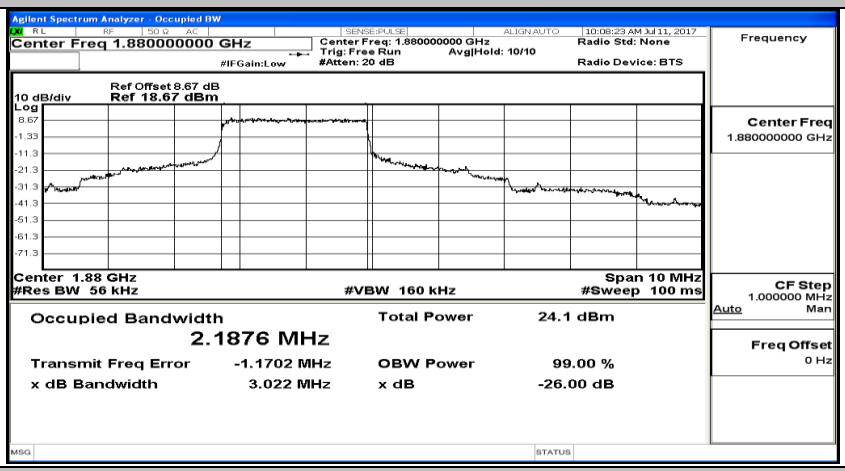
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



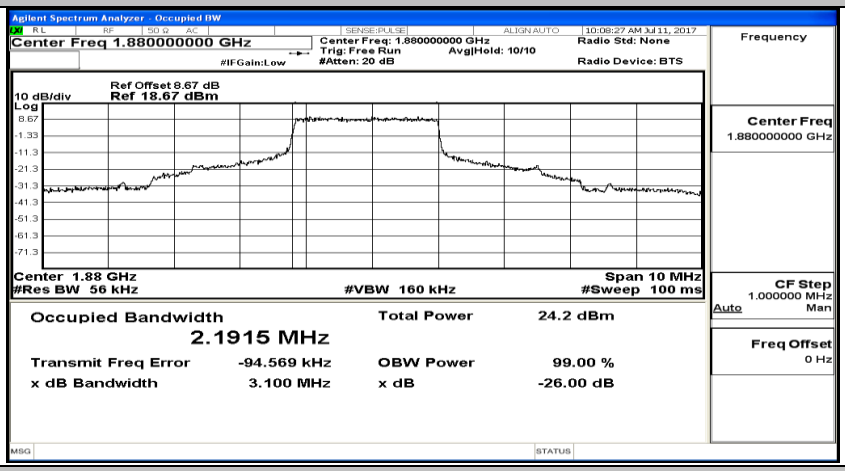
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



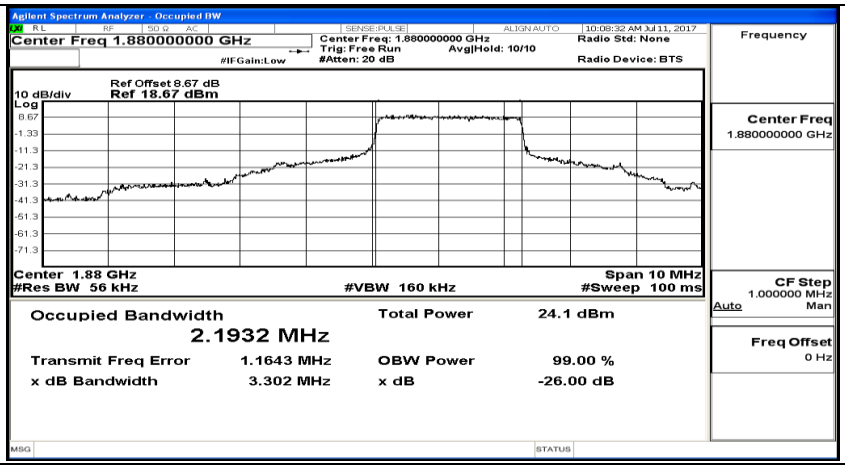
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



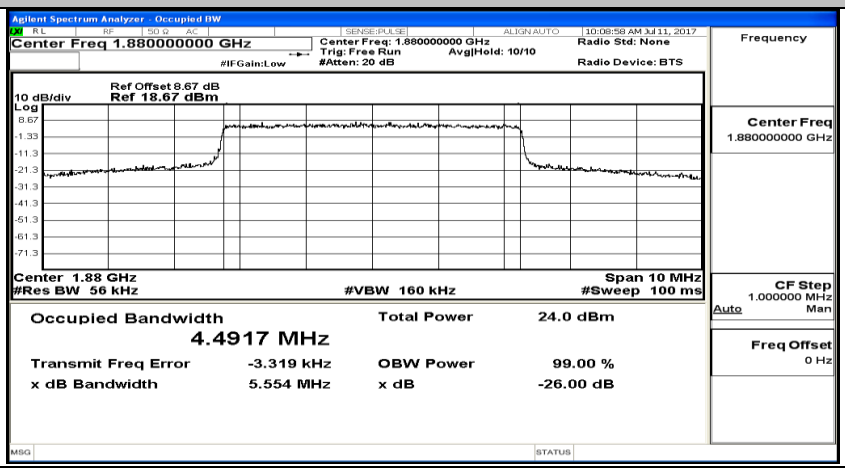
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



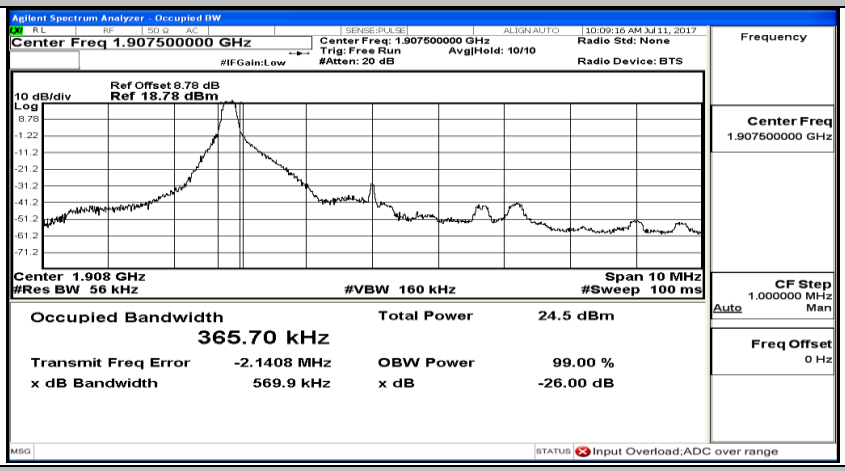
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



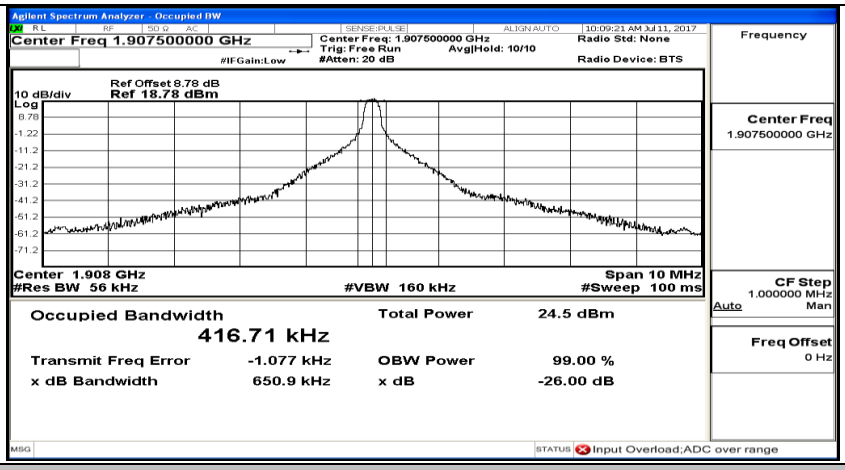
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



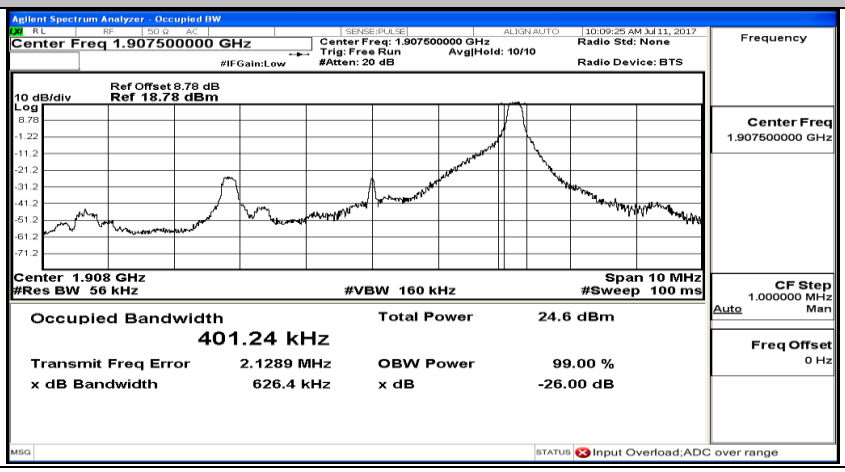
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



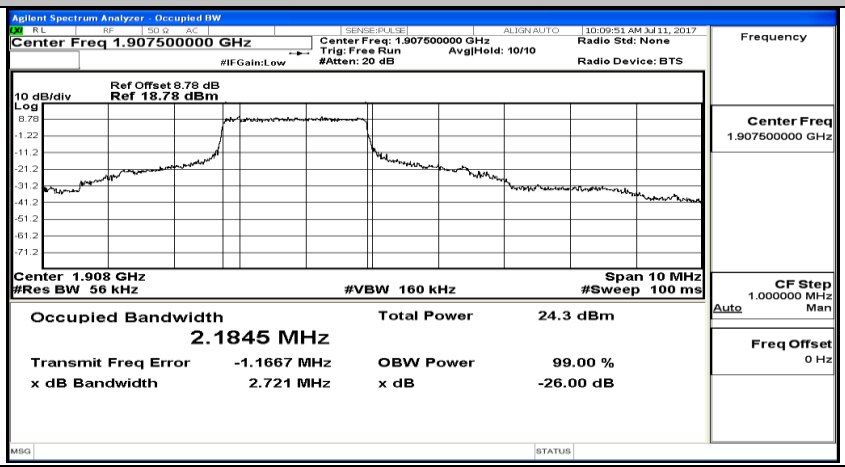
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



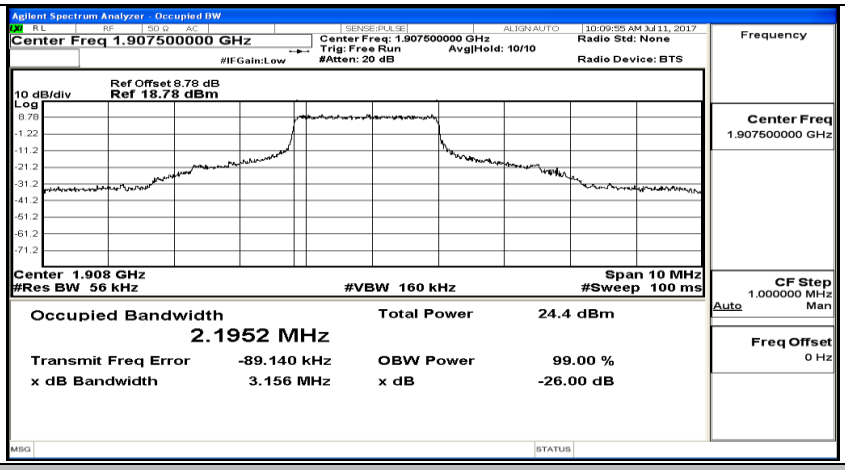
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



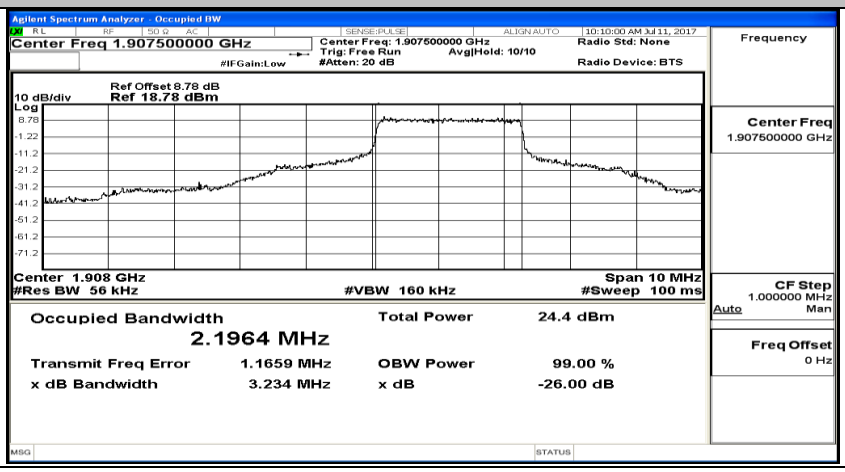
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



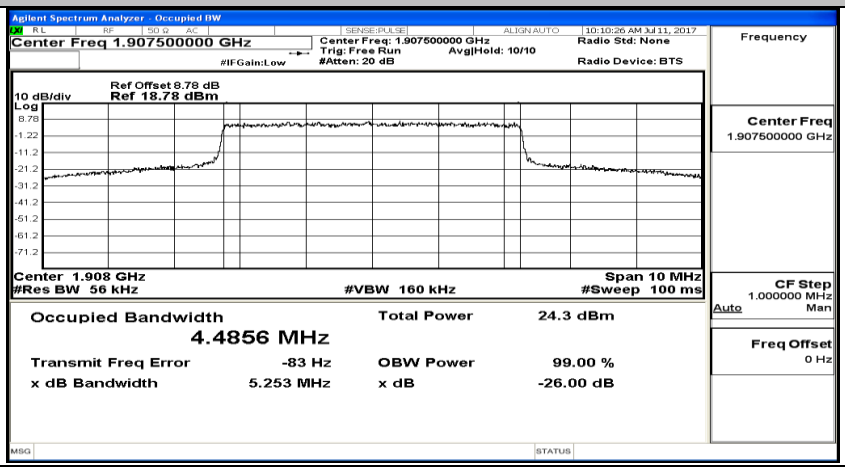
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



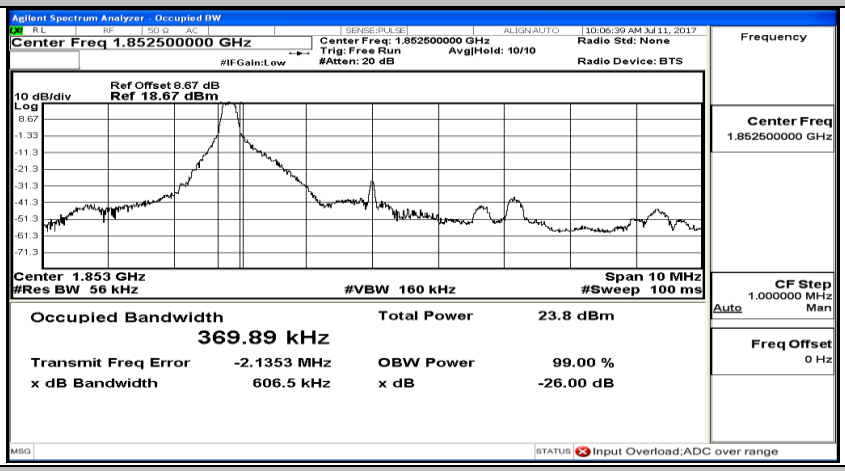
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



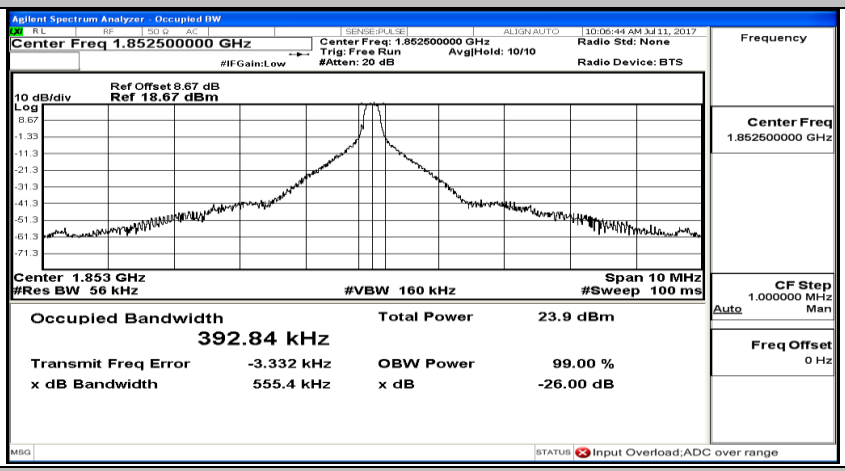
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



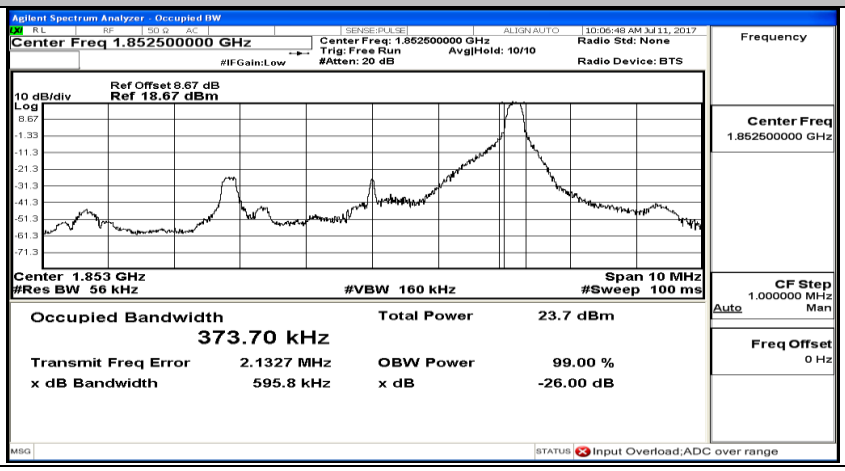
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



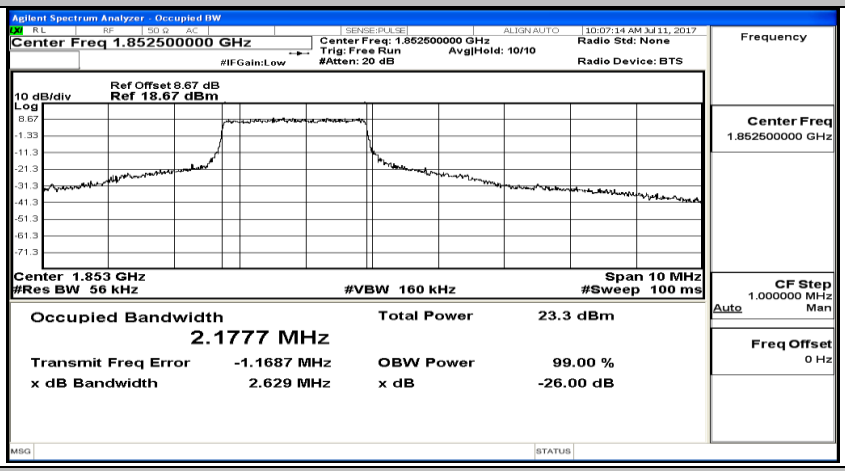
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



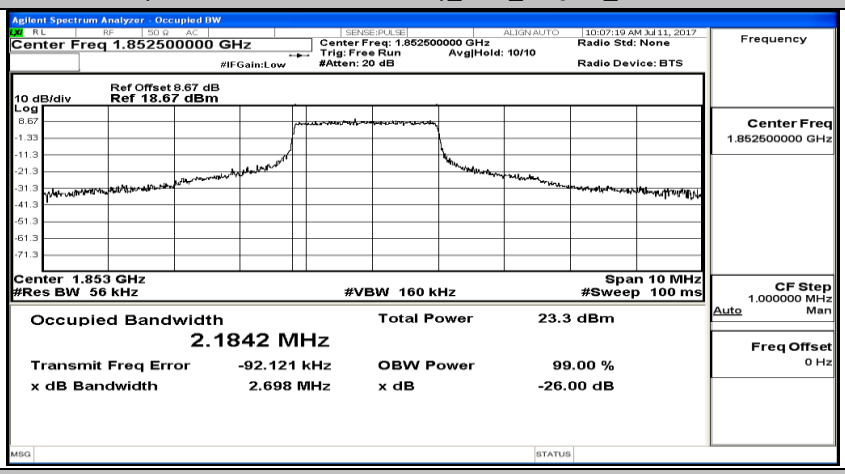
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



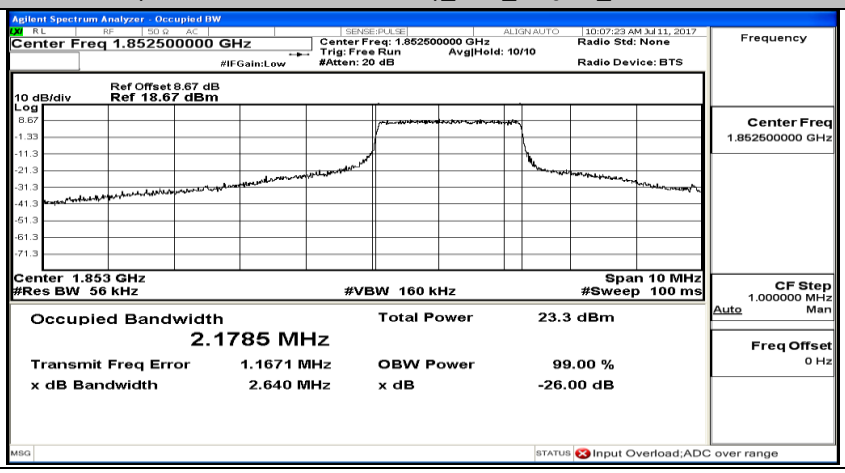
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



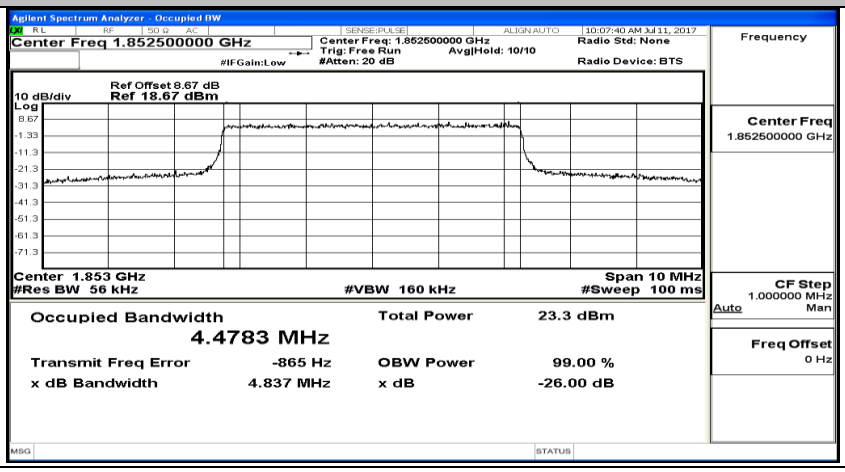
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



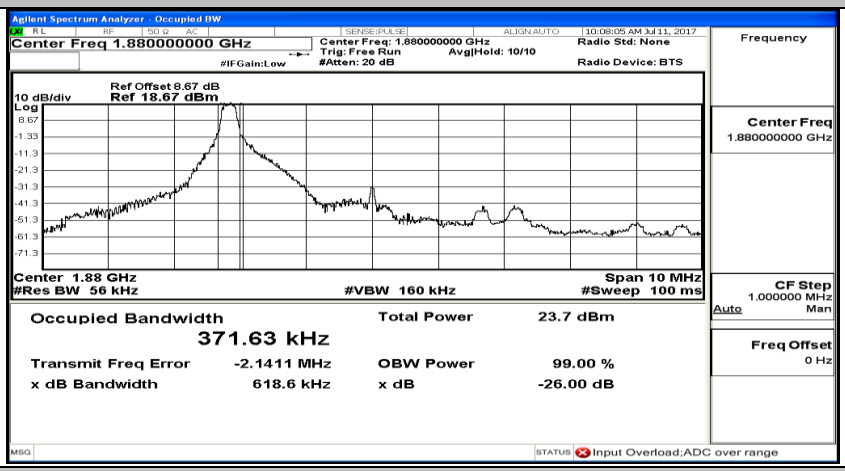
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



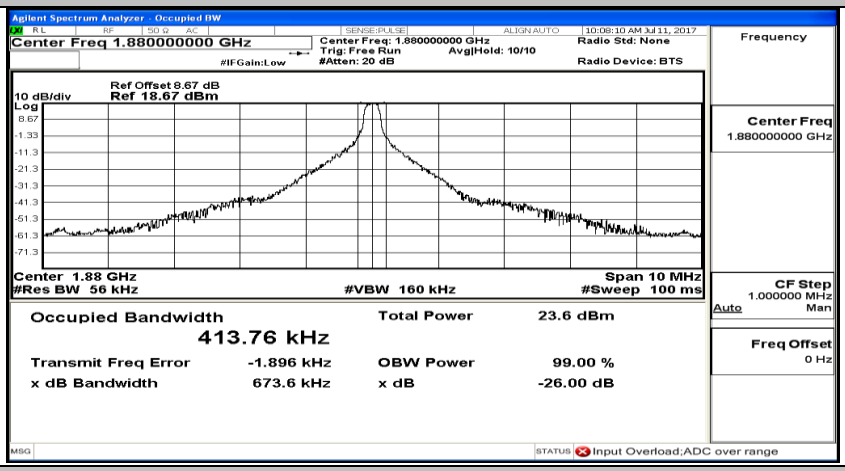
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



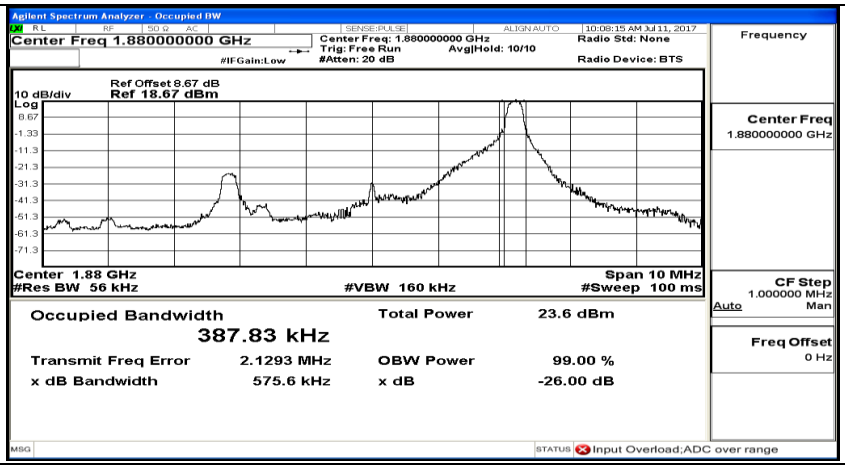
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



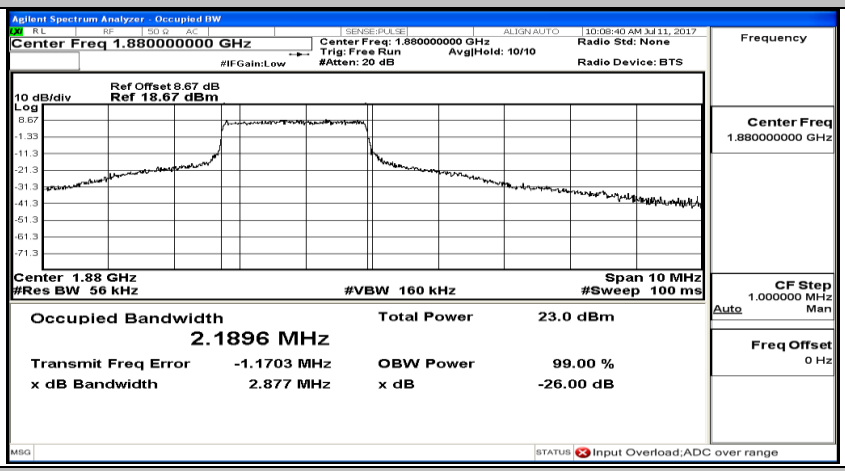
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



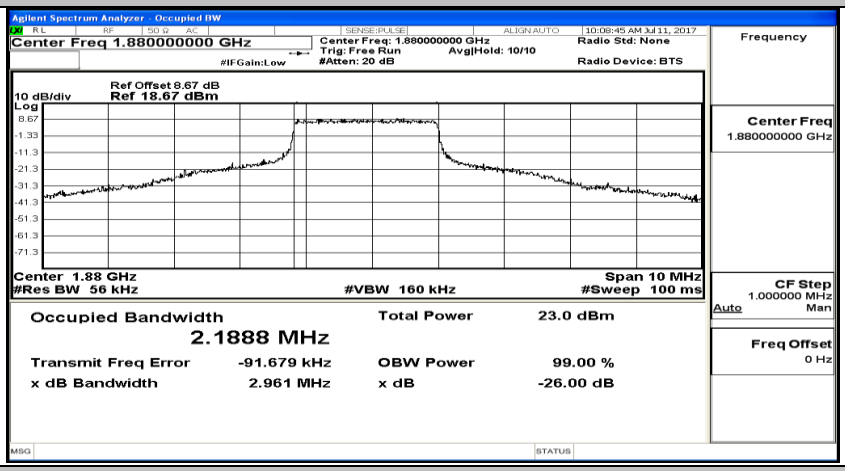
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



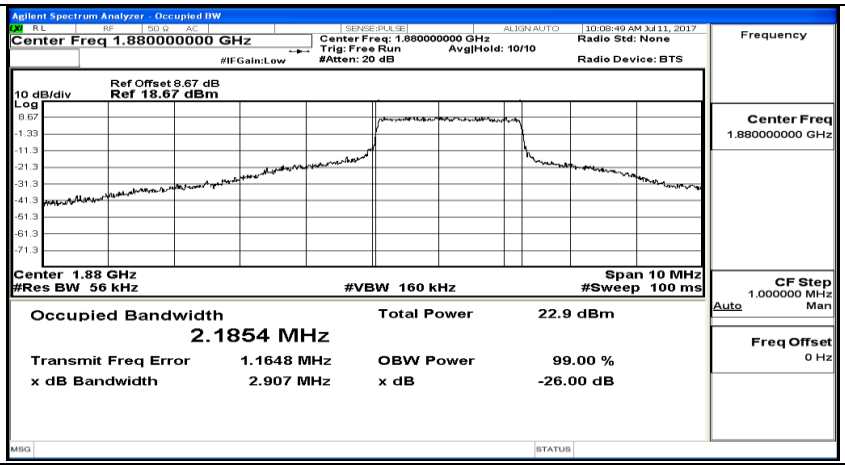
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0



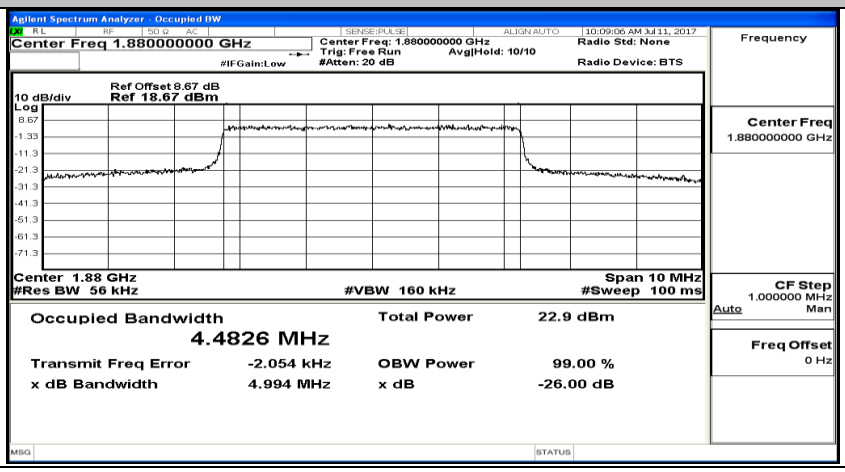
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6



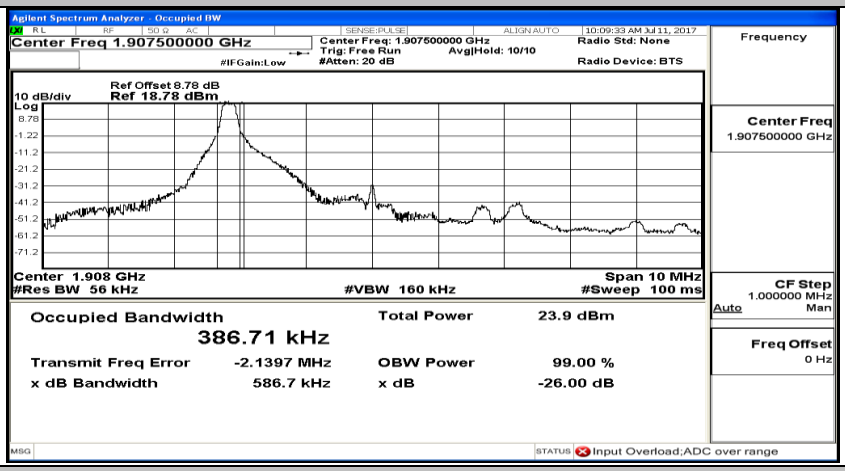
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13



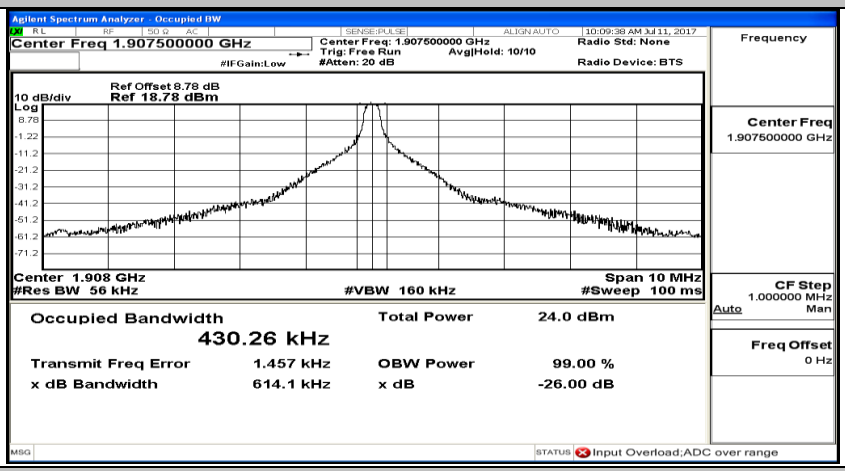
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



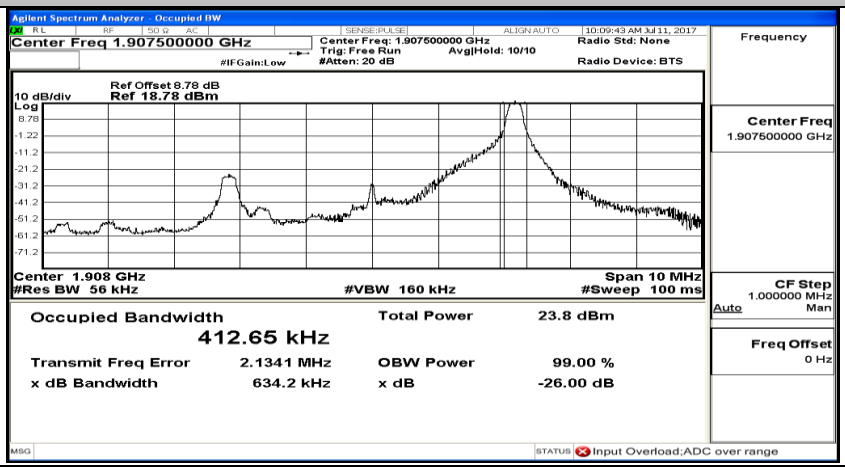
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



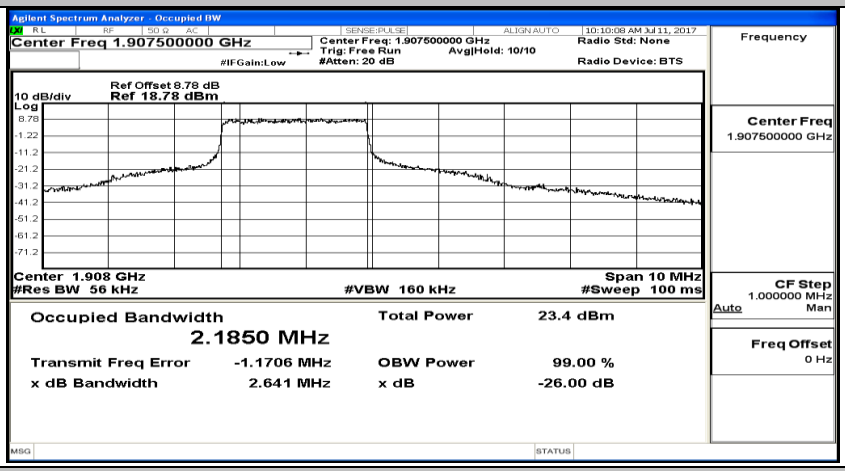
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



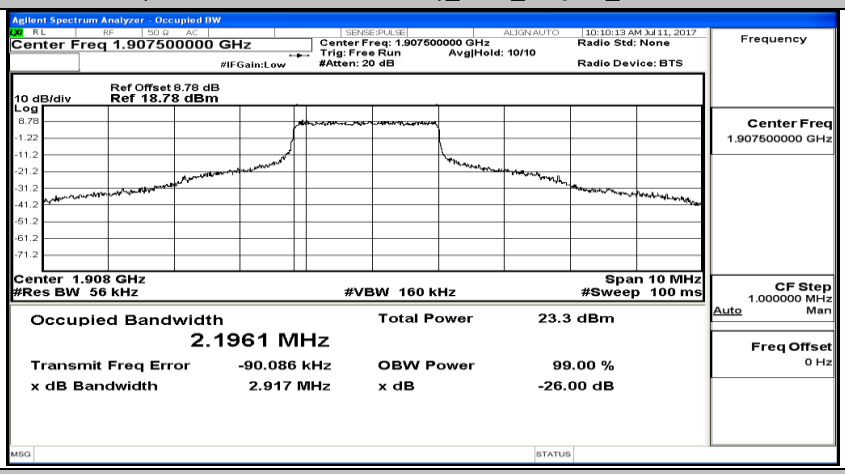
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



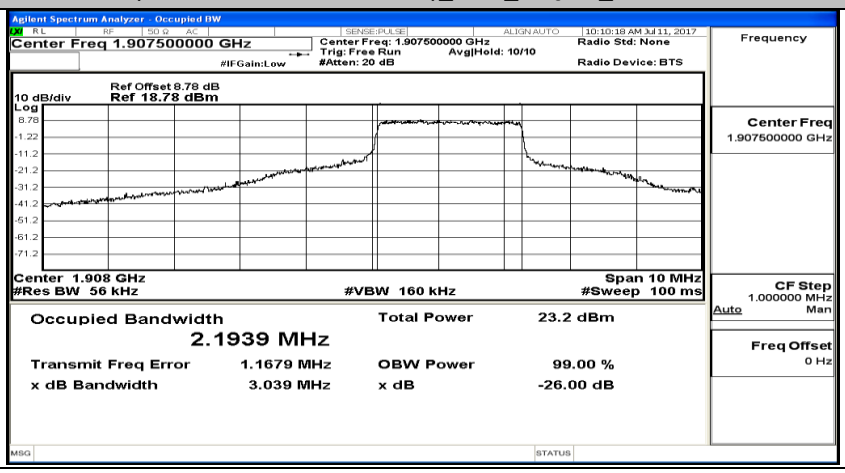
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13



(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0