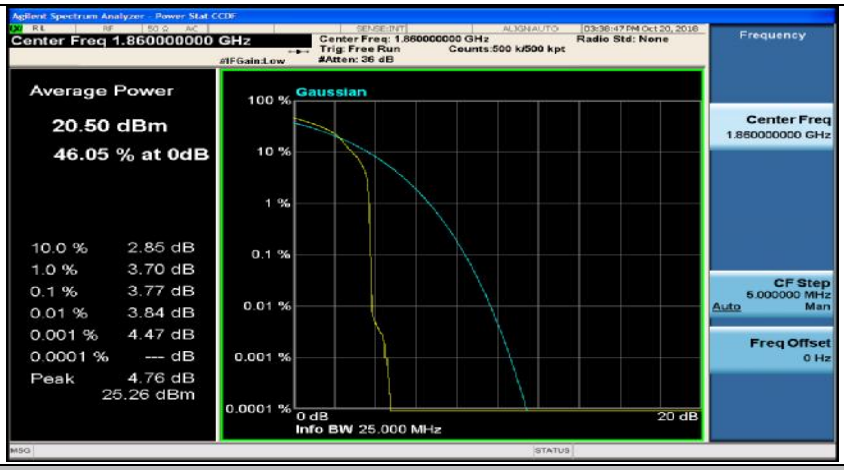
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#50

(Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0

(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#49

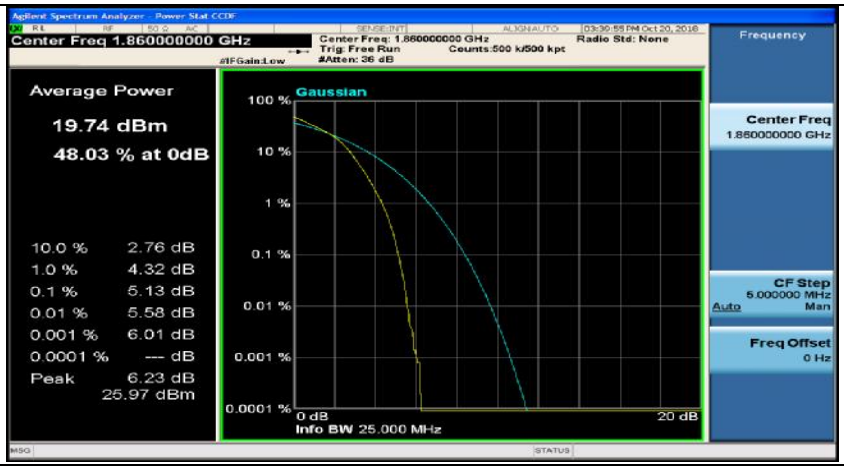
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#99

(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#0

(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#25

(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#50

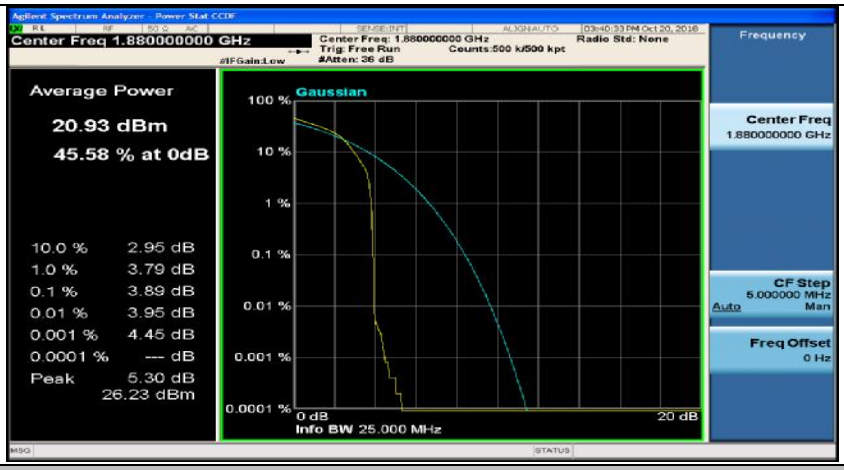
(Channel Bandwidth:20 MHz)_LCH_16QAM_100RB#0



(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0

(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49

(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#99



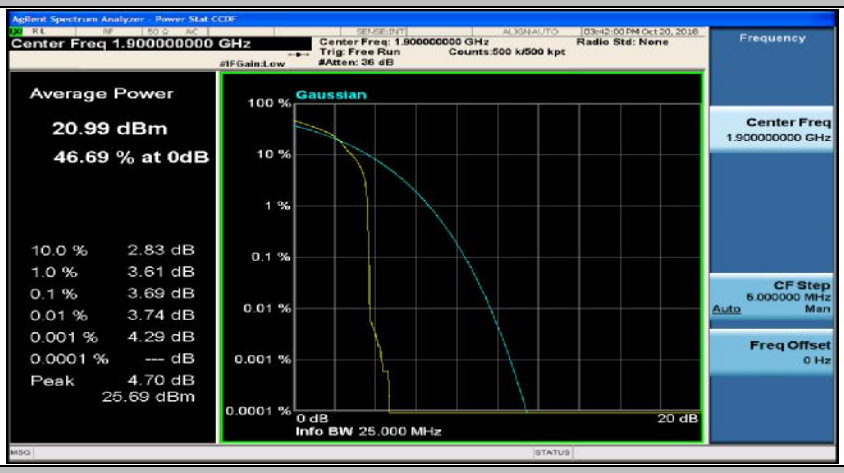
(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#0

(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#25

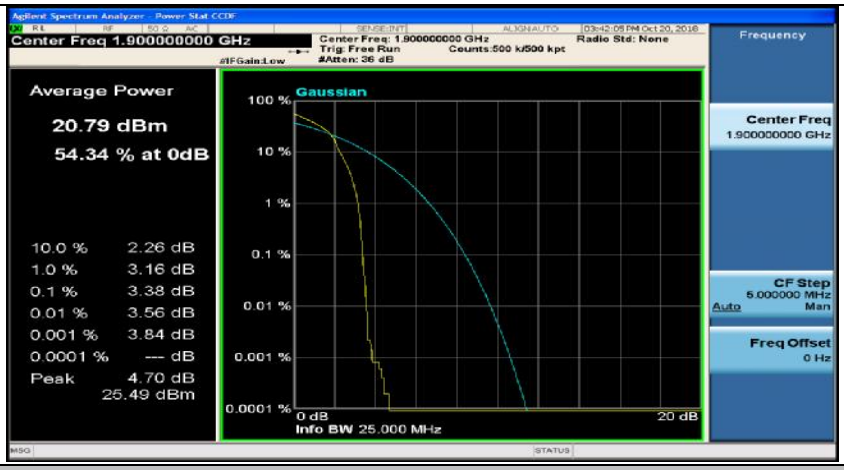
(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#50

(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0

(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#49



(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#99

(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#0

(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#25

(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#50

(Channel Bandwidth:20 MHz)_HCH_16QAM_100RB#0

Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Channel Bandwidth: 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	0.28310	0.4003	PASS
		1	3	0.33489	0.5110	PASS
		1	5	0.29047	0.4233	PASS
		3	0	0.57573	0.8802	PASS
		3	2	0.58671	0.9425	PASS
		3	3	0.58338	0.9127	PASS
		6	0	1.0813	1.324	PASS
	MCH	1	0	0.28199	0.4112	PASS
		1	3	0.38359	0.5448	PASS
		1	5	0.28958	0.3964	PASS
		3	0	0.57799	0.8293	PASS
		3	2	0.59028	0.9876	PASS
		3	3	0.59721	0.8160	PASS
		6	0	1.0825	1.382	PASS
	HCH	1	0	0.28573	0.4043	PASS
		1	3	0.40409	0.5330	PASS
		1	5	0.28951	0.4073	PASS
		3	0	0.59572	0.9250	PASS
		3	2	0.60372	0.9789	PASS
		3	3	0.59994	0.9361	PASS
		6	0	1.0833	1.349	PASS
16QAM	LCH	1	0	0.31688	0.4029	PASS
		1	3	0.35176	0.5421	PASS
		1	5	0.30751	0.4415	PASS
		3	0	0.59330	0.9246	PASS
		3	2	0.60766	1.048	PASS
		3	3	0.60981	1.045	PASS
		6	0	1.0831	1.344	PASS
	MCH	1	0	0.33352	0.4303	PASS
		1	3	0.39190	0.5382	PASS
		1	5	0.38313	0.4751	PASS

		3	0	0.61444	0.9464	PASS
		3	2	0.61046	0.9460	PASS
		3	3	0.62173	1.010	PASS
		6	0	1.0842	1.366	PASS
	HCH	1	0	0.31139	0.4120	PASS
		1	3	0.42172	0.5786	PASS
		1	5	0.29868	0.3955	PASS
		3	0	0.60479	0.9364	PASS
		3	2	0.61308	1.041	PASS
		3	3	0.60727	0.9745	PASS
		6	0	1.0829	1.385	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	0.34322	0.4336	PASS
		1	7	0.40470	0.5415	PASS
		1	14	0.37246	0.4529	PASS
		8	0	1.4506	1.840	PASS
		8	4	1.4557	2.012	PASS
		8	7	1.4561	1.943	PASS
		15	0	2.6886	2.945	PASS
	MCH	1	0	0.33470	0.4325	PASS
		1	7	0.40553	0.4941	PASS
		1	14	0.33187	0.4414	PASS
		8	0	1.4549	1.787	PASS
		8	4	1.4571	2.077	PASS
		8	7	1.4583	1.902	PASS
		15	0	2.6880	2.933	PASS
	HCH	1	0	0.34714	0.4374	PASS
		1	7	0.43039	0.5531	PASS
		1	14	0.36857	0.4939	PASS
		8	0	1.4489	1.880	PASS
		8	4	1.4541	1.982	PASS
		8	7	1.4536	1.817	PASS
		15	0	2.6868	2.944	PASS
16QAM	LCH	1	0	0.37107	0.4805	PASS
		1	7	0.43148	0.5743	PASS

		1	14	0.38755	0.4130	PASS
		8	0	1.4490	1.900	PASS
		8	4	1.4570	2.095	PASS
		8	7	1.4549	1.922	PASS
		15	0	2.6892	2.943	PASS
	MCH	1	0	0.36028	0.4394	PASS
		1	7	0.40345	0.5513	PASS
		1	14	0.37289	0.4599	PASS
		8	0	1.4548	1.782	PASS
		8	4	1.4596	1.957	PASS
		8	7	1.4554	1.806	PASS
		15	0	2.6857	2.953	PASS
	HCH	1	0	0.35171	0.5107	PASS
		1	7	0.45623	0.5888	PASS
		1	14	0.39825	0.5248	PASS
		8	0	1.4503	2.034	PASS
		8	4	1.4565	2.050	PASS
		8	7	1.4555	2.015	PASS
		15	0	2.6909	2.937	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	0.40397	0.5429	PASS
		1	12	0.48832	0.6489	PASS
		1	24	0.42232	0.5892	PASS
		12	0	2.1886	2.795	PASS
		12	6	2.1928	3.086	PASS
		12	13	2.1900	2.656	PASS
		25	0	4.4847	4.943	PASS
	MCH	1	0	0.39349	0.5544	PASS
		1	12	0.48554	0.6368	PASS
		1	24	0.40004	0.5622	PASS
		12	0	2.1831	2.756	PASS
		12	6	2.1916	2.926	PASS
		12	13	2.1856	2.853	PASS
		25	0	4.4808	4.937	PASS
	HCH	1	0	0.41177	0.5882	PASS

		1	12	0.48932	0.6865	PASS
		1	24	0.38185	0.5278	PASS
		12	0	2.1804	2.553	PASS
		12	6	2.1922	2.945	PASS
		12	13	2.1832	2.912	PASS
		25	0	4.4814	4.898	PASS
16QAM	LCH	1	0	0.44772	0.6024	PASS
		1	12	0.51183	0.6170	PASS
		1	24	0.43818	0.5907	PASS
		12	0	2.1861	2.834	PASS
		12	6	2.1894	3.021	PASS
		12	13	2.1896	2.826	PASS
		25	0	4.4822	4.908	PASS
	MCH	1	0	0.42246	0.6010	PASS
		1	12	0.48664	0.6145	PASS
		1	24	0.39476	0.5540	PASS
		12	0	2.1847	2.672	PASS
		12	6	2.1923	3.041	PASS
		12	13	2.1846	2.618	PASS
		25	0	4.4801	4.902	PASS
	HCH	1	0	0.46116	0.5523	PASS
		1	12	0.54211	0.7150	PASS
		1	24	0.41416	0.5461	PASS
		12	0	2.1932	2.816	PASS
		12	6	2.1986	3.176	PASS
		12	13	2.1924	2.808	PASS
		25	0	4.4845	4.992	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	0.54105	0.6897	PASS
		1	25	0.61517	0.8118	PASS
		1	49	0.54960	0.7296	PASS
		25	0	4.5262	5.291	PASS
		25	12	4.5322	5.664	PASS
		25	25	4.5313	5.628	PASS
		50	0	8.9537	9.870	PASS
	MCH	1	0	0.51939	0.6816	PASS
		1	25	0.59509	0.7212	PASS

		1	49	0.51690	0.7248	PASS
		25	0	4.5226	5.203	PASS
		25	12	4.5289	5.503	PASS
		25	25	4.5285	5.352	PASS
		50	0	8.9543	9.659	PASS
	HCH	1	0	0.55200	0.7529	PASS
		1	25	0.61769	0.7744	PASS
		1	49	0.56824	0.7791	PASS
		25	0	4.5273	5.515	PASS
		25	12	4.5397	5.584	PASS
		25	25	4.5261	5.354	PASS
		50	0	8.9651	9.824	PASS
16QAM	LCH	1	0	0.51875	0.6824	PASS
		1	25	0.57217	0.6868	PASS
		1	49	0.56113	0.7086	PASS
		25	0	4.5251	5.337	PASS
		25	12	4.5405	5.707	PASS
		25	25	4.5253	5.531	PASS
		50	0	8.9538	9.837	PASS
	MCH	1	0	0.54543	0.7011	PASS
		1	25	0.60927	0.7412	PASS
		1	49	0.50058	0.6908	PASS
		25	0	4.5230	5.420	PASS
		25	12	4.5338	5.477	PASS
		25	25	4.5194	5.319	PASS
		50	0	8.9600	9.966	PASS
	HCH	1	0	0.51332	0.7016	PASS
		1	25	0.60500	0.7992	PASS
		1	49	0.54826	0.7195	PASS
		25	0	4.5422	5.747	PASS
		25	12	4.5375	5.594	PASS
		25	25	4.5319	5.536	PASS
		50	0	8.9637	9.792	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	0.62153	0.8294	PASS
		1	37	0.63218	0.8644	PASS

		1	74	0.60948	0.8425	PASS
		37	0	6.4952	7.462	PASS
		37	18	6.5211	8.191	PASS
		37	38	6.5176	8.711	PASS
		75	0	13.434	14.70	PASS
	MCH	1	0	0.60960	0.8919	PASS
		1	37	0.68282	0.8929	PASS
		1	74	0.60841	0.8347	PASS
		37	0	6.5015	7.702	PASS
		37	18	6.5239	7.731	PASS
		37	38	6.5127	7.421	PASS
		75	0	13.432	14.34	PASS
	HCH	1	0	0.61085	0.8629	PASS
		1	37	0.67686	0.9002	PASS
		1	74	0.61465	0.8451	PASS
		37	0	6.5255	8.976	PASS
		37	18	6.5263	8.381	PASS
		37	38	6.5241	8.329	PASS
		75	0	13.450	14.73	PASS
16QAM	LCH	1	0	0.63287	0.7734	PASS
		1	37	0.66014	0.8228	PASS
		1	74	0.63975	0.7689	PASS
		37	0	6.5165	7.702	PASS
		37	18	6.5109	8.596	PASS
		37	38	6.5258	8.554	PASS
		75	0	13.436	14.57	PASS
	MCH	1	0	0.61829	0.8856	PASS
		1	37	0.61903	0.8201	PASS
		1	74	0.61903	0.8738	PASS
		37	0	6.5158	7.666	PASS
		37	18	6.5117	7.678	PASS
		37	38	6.5202	7.508	PASS
		75	0	13.455	14.42	PASS
	HCH	1	0	0.59987	0.8168	PASS
		1	37	0.67952	0.9061	PASS
		1	74	0.61911	0.7974	PASS
		37	0	6.5174	9.141	PASS
		37	18	6.5273	9.129	PASS
		37	38	6.5178	7.793	PASS
		75	0	13.458	15.47	PASS

Channel Bandwidth: 20 MHz

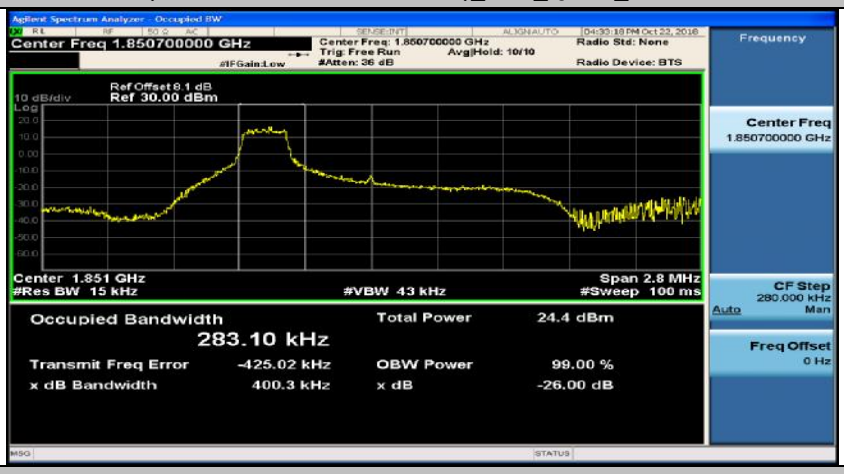
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.63155	0.8874	PASS
		1	50	0.69519	0.9530	PASS
		1	99	0.67309	0.8996	PASS
		50	0	9.0022	10.11	PASS
		50	25	9.0160	10.63	PASS
		50	50	8.9988	10.08	PASS
		100	0	17.856	18.82	PASS
	MCH	1	0	0.61805	0.8533	PASS
		1	50	0.72095	0.9351	PASS
		1	99	0.69487	0.9612	PASS
		50	0	9.0264	9.936	PASS
		50	25	9.0214	10.27	PASS
		50	50	9.0269	9.868	PASS
		100	0	17.918	18.72	PASS
	HCH	1	0	0.66058	0.8762	PASS
		1	50	0.72067	0.9348	PASS
		1	99	0.68416	0.8949	PASS
		50	0	9.0107	10.67	PASS
		50	25	9.0449	12.09	PASS
		50	50	9.0269	10.41	PASS
		100	0	17.889	18.98	PASS
16QAM	LCH	1	0	0.67531	0.8772	PASS
		1	50	0.67977	0.8335	PASS
		1	99	0.66686	0.8401	PASS
		50	0	9.0098	10.28	PASS
		50	25	9.0147	10.36	PASS
		50	50	9.0188	10.45	PASS
		100	0	17.879	18.93	PASS
	MCH	1	0	0.64303	0.8370	PASS
		1	50	0.71075	0.8808	PASS
		1	99	0.67053	0.8869	PASS
		50	0	9.0214	9.970	PASS
		50	25	9.0253	10.11	PASS
		50	50	9.0049	9.737	PASS
		100	0	17.919	18.97	PASS
	HCH	1	0	0.67772	0.9026	PASS

		1	50	0.72990	0.9844	PASS
		1	99	0.72275	0.9036	PASS
		50	0	9.0133	10.66	PASS
		50	25	9.0380	13.35	PASS
		50	50	9.0356	12.03	PASS
		100	0	17.894	19.15	PASS

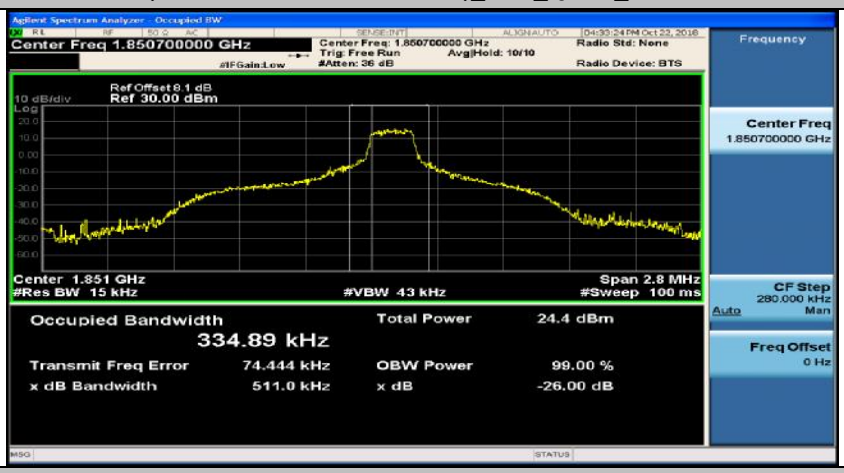
Test Graphs

Channel Bandwidth: 1.4 MHz

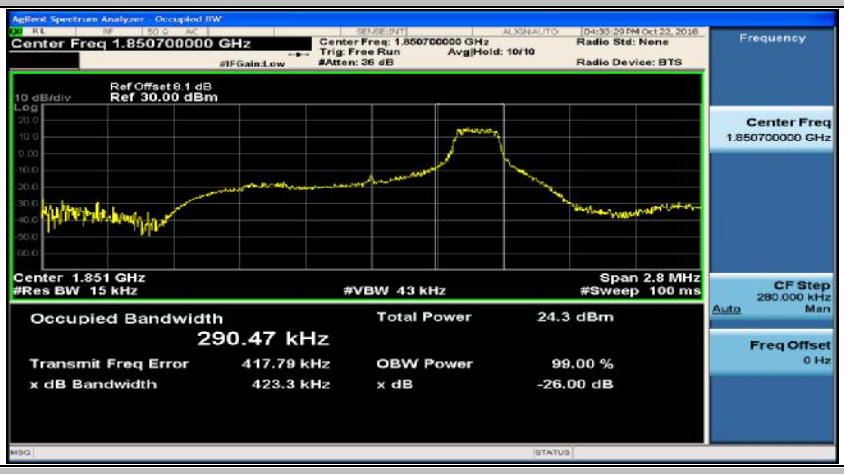
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0



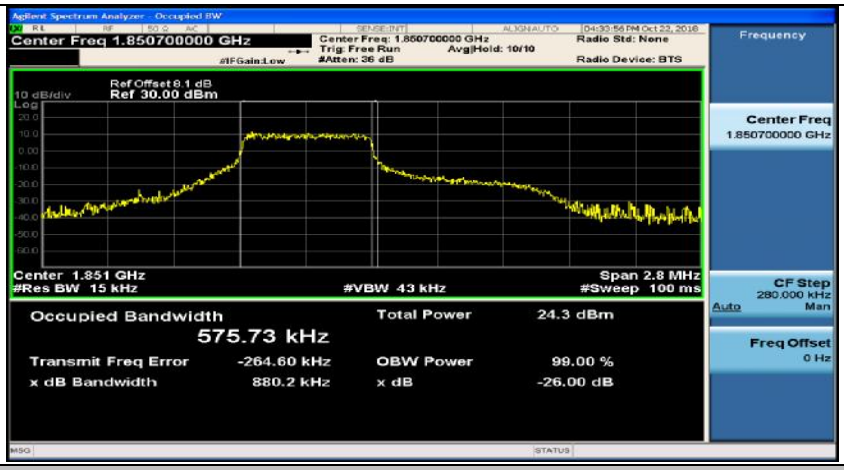
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#3



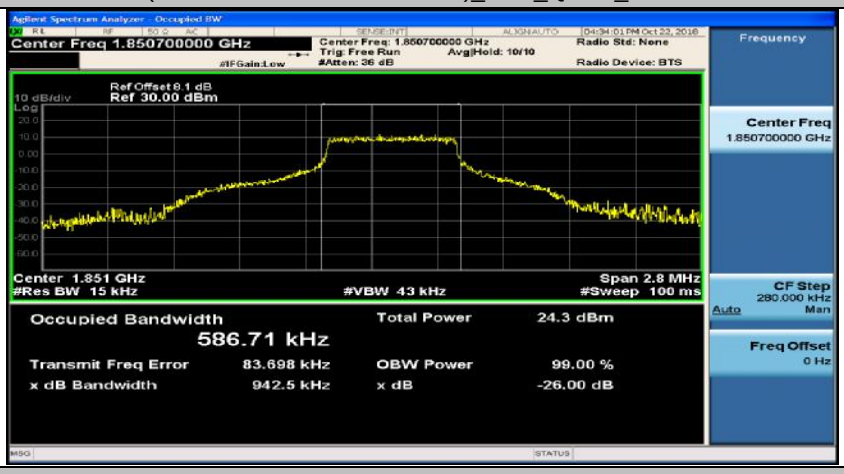
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5



(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#0

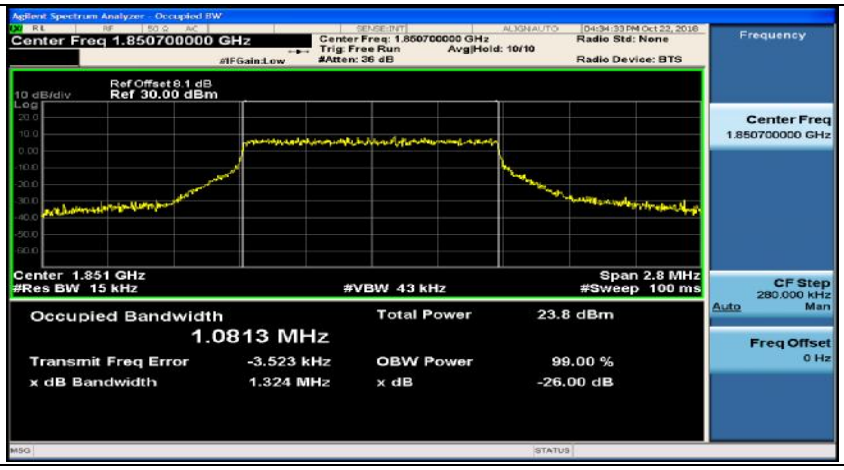


(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2



(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

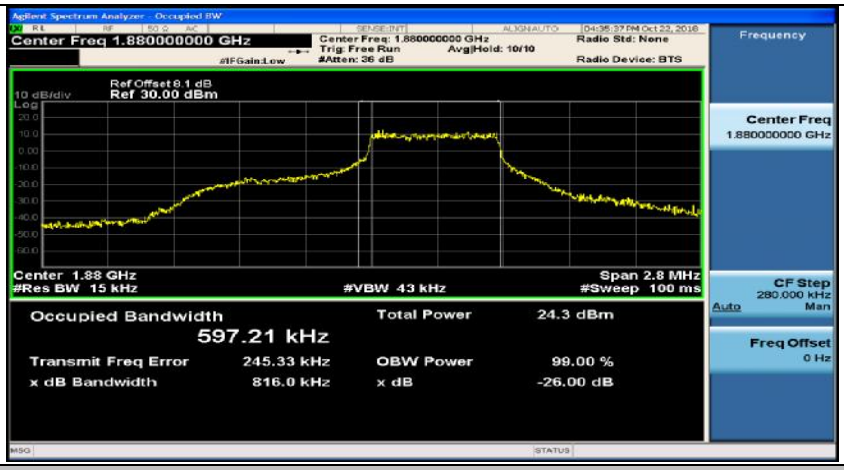
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3

(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5

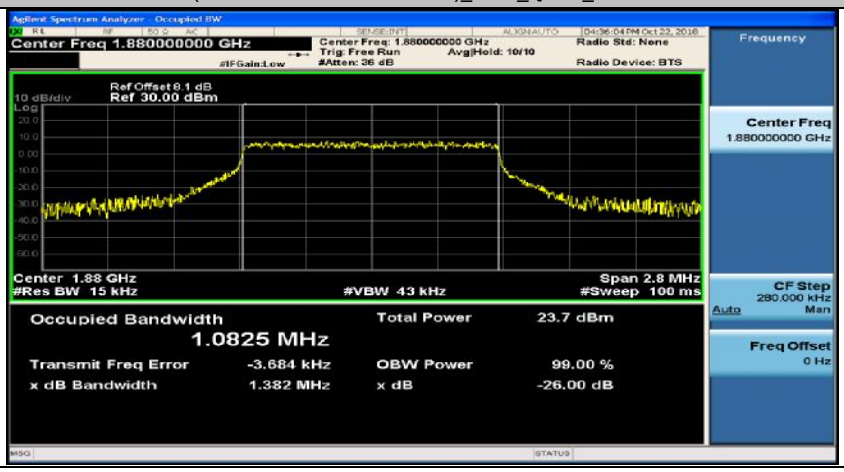
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#0

(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#2

(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#3

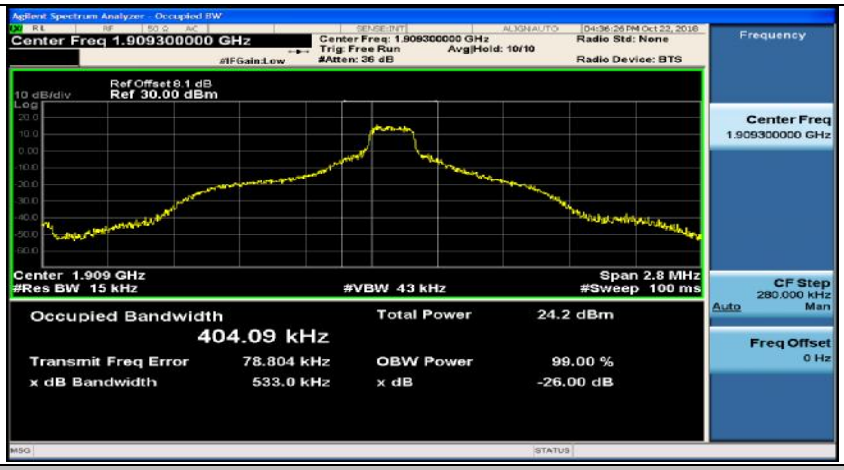


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



(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

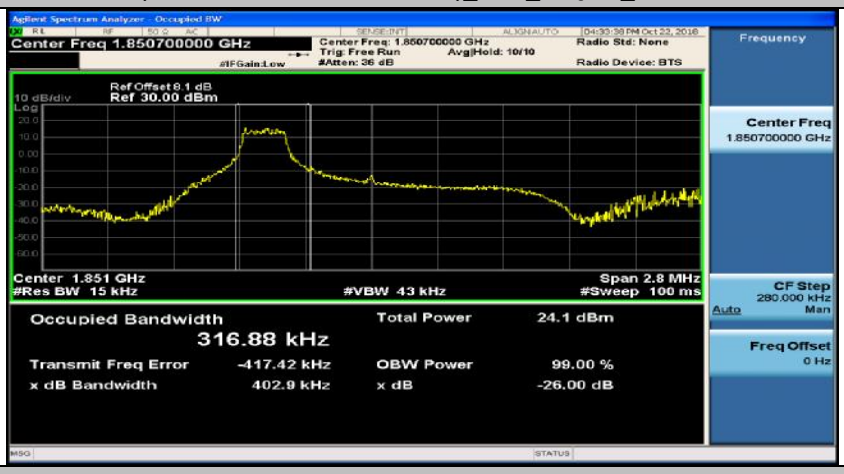
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0

(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2

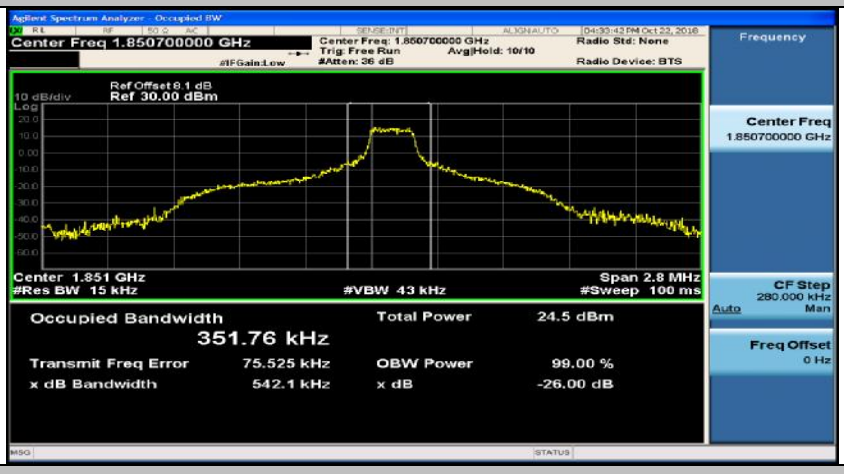
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#3

(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0

(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0

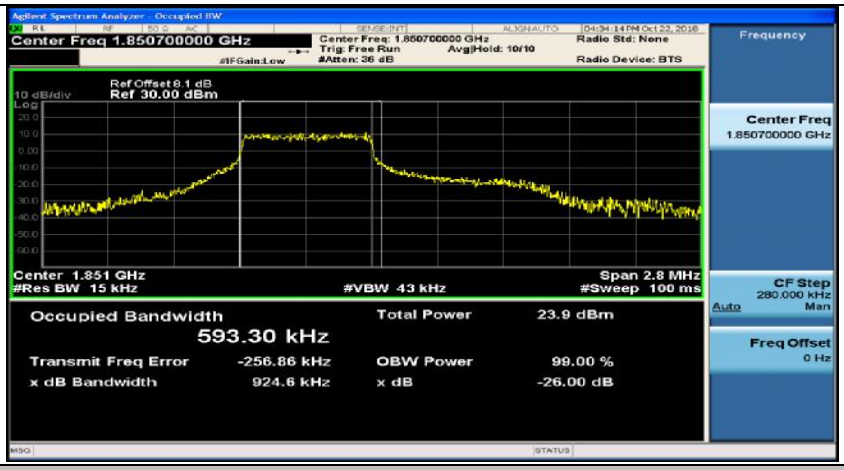


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3

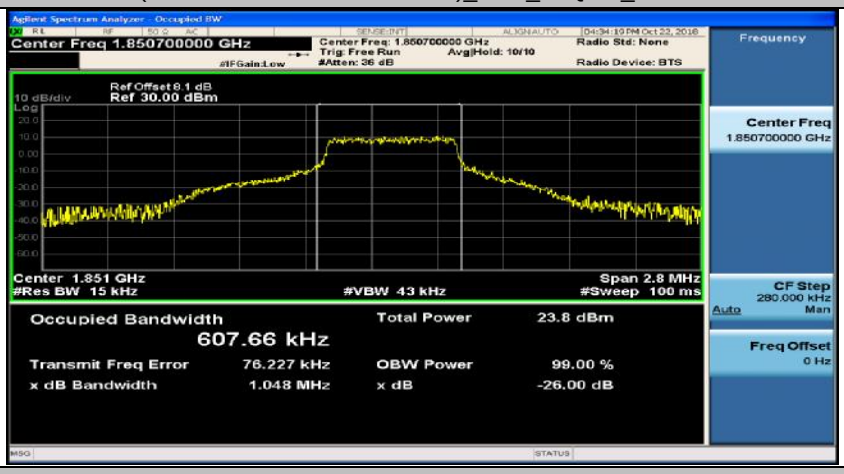


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5

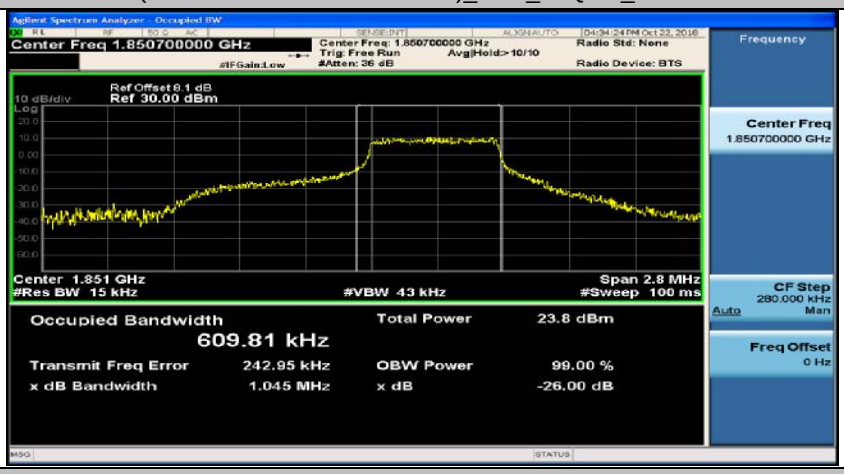
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0



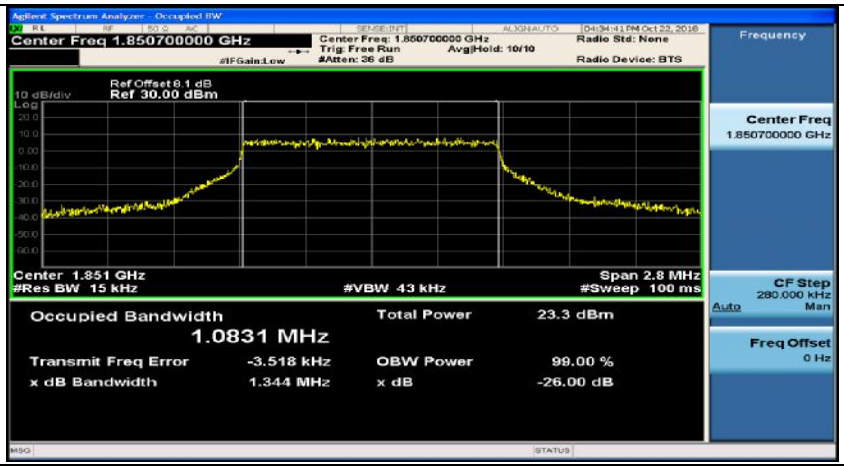
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#2



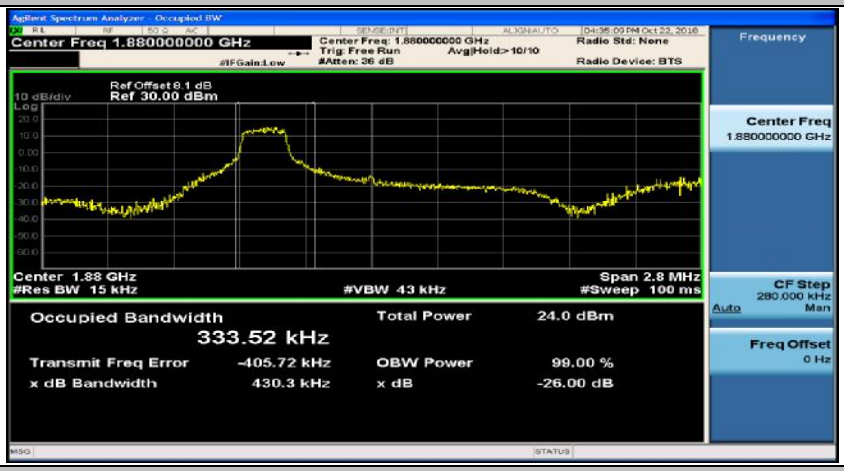
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



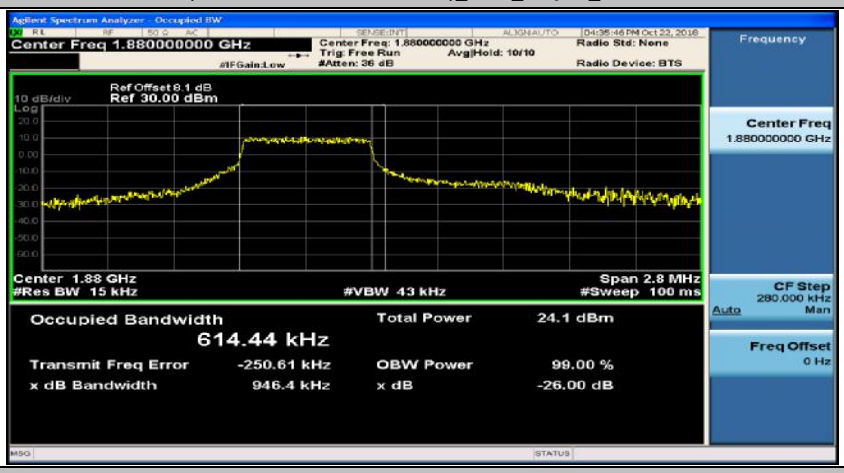
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3

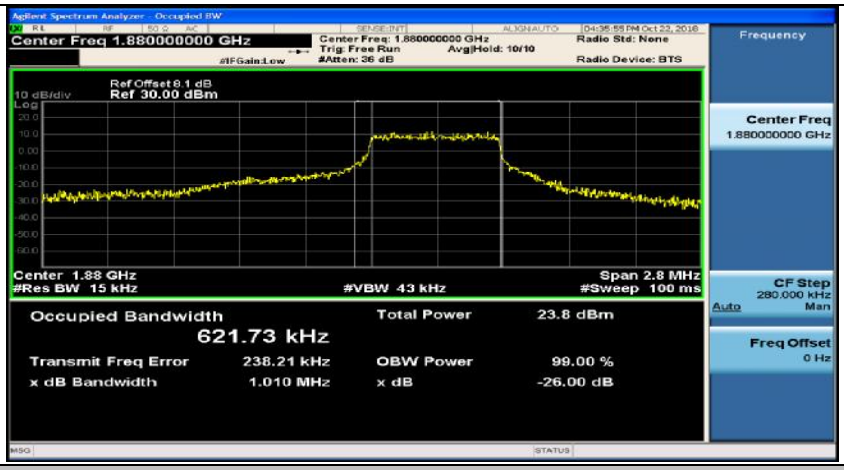
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5

(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#0

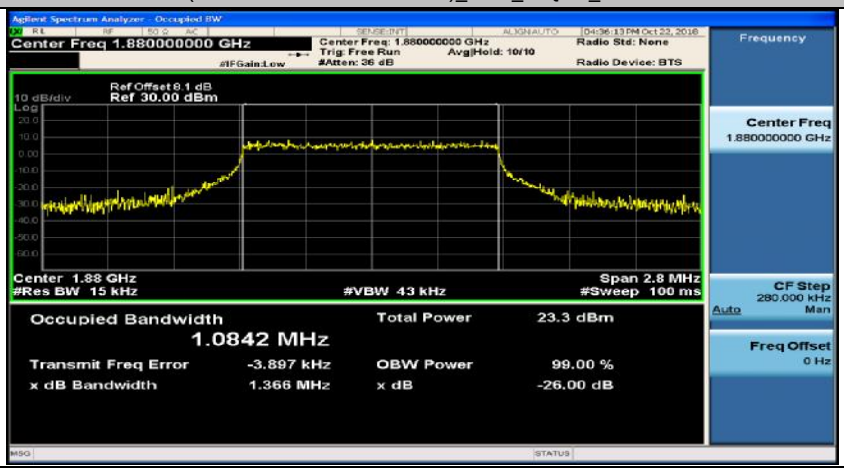


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#2

(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#3

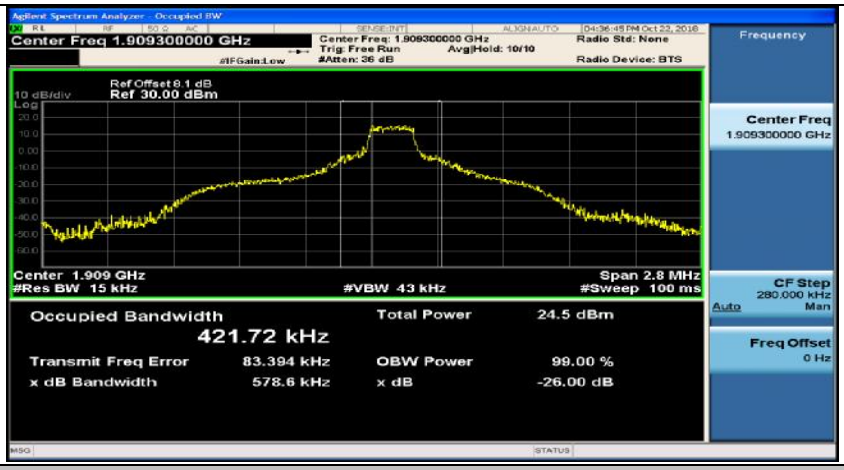


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0

(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3

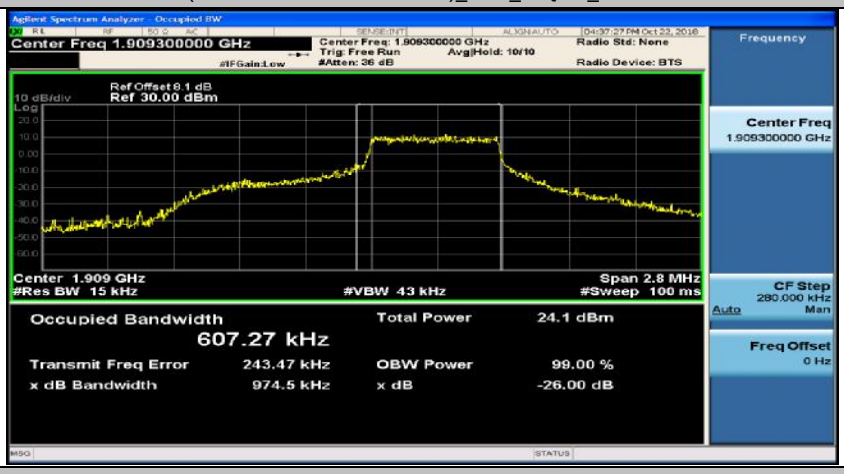
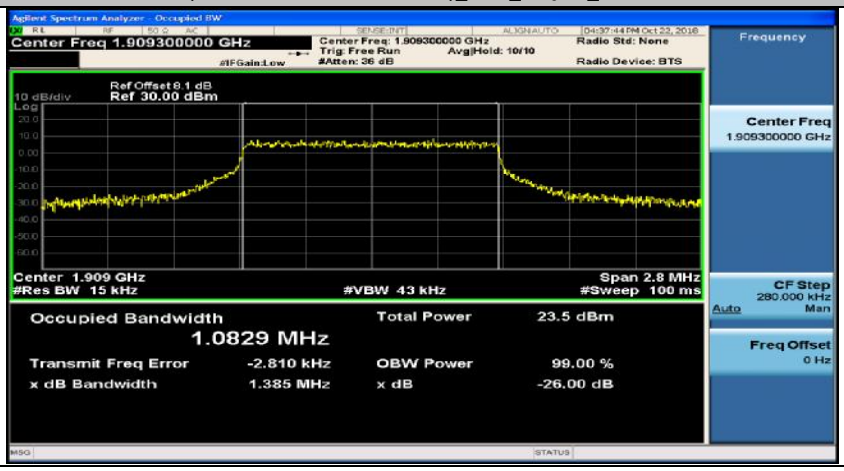


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5

(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