

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 71 20MHz	133222 673	QPSK	1	0	0	23.08	0.196	3
		QPSK		49		23.07		
		QPSK		99		23.00		
		QPSK	100	1	0	21.24	0.129	3
		16-QAM			0	22.00		
		16-QAM			49	21.98		
		16-QAM			99	21.81		
		16-QAM	100	0	20.97	0.121	3	
	133322 683	QPSK	1	0	0	23.23	0.203	3
		QPSK		49		22.78		
		QPSK		99		22.54		
		QPSK	100	1	0	21.85	0.148	3
		16-QAM			0	22.09		
		16-QAM			49	22.17		
		16-QAM			99	21.92		
		16-QAM	100	0	20.92	0.119	3	
	133372 688	QPSK	1	0	0	22.98	0.192	3
		QPSK		49		22.79		
		QPSK		99		22.63		
		QPSK	100	1	0	21.84	0.148	3
		16-QAM			0	21.95		
		16-QAM			49	21.90		
		16-QAM			99	21.68		
		16-QAM	100	0	20.84	0.117	3	

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 71 20MHz	133222 673	64-QAM	1	0	0	22.27	0.163	3
		64-QAM		49		21.93	0.151	3
		64-QAM		99		21.87	0.149	3
		64-QAM	100	0	1	20.56	0.110	3
	133322 683	64-QAM	1	0	0	21.99	0.153	3
		64-QAM		49		21.86	0.148	3
		64-QAM		99		21.81	0.147	3
		64-QAM	100	0	1	20.41	0.106	3
	133372 688	64-QAM	1	0	0	22.04	0.155	3
		64-QAM		49		21.96	0.152	3
		64-QAM		99		21.93	0.151	3
		64-QAM	100	0	1	20.51	0.109	3

Note:

1. Measure Level (ERP) = Reading Level (dBm) + Antenna Gain(dBi)-2.15dB
2. power (W)=  $(10^{(\text{power(dBm)}/10)}) * 10^{-3}$

Product	Module		
Test Item	RF Output Power		
Test Mode	Mode 11: LTE CA Band 5B		
Date of Test	2020/08/19	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	67

Band	PCC					SCC					Power			ERP Power			Limit (W) ERP	
	Bandwidth (MHz)	UL Channel	UL Frequency (MHz)	UL RB No.	UL RB offset	Band	Bandwidth (MHz)	UL Channel	UL Frequency (MHz)	UL RB No.	UL RB offset	QPSK (dBm)	16-QAM (dBm)	64-QAM (dBm)	QPSK RF Output Power(W) ERP	16-QAM RF Output Power(W) ERP		64-QAM RF Output Power(W) ERP
5	5	20428	826.8	1	24	5	10	20500	834	1	0	21.20	20.23	18.72	0.127	0.102	0.072	7
5	5	20428	826.8	25	0	5	10	20500	834	50	0	20.64	19.38	18.11	0.112	0.084	0.063	7
5	5	20478	831.8	1	24	5	10	20550	839	1	0	21.19	20.49	18.42	0.127	0.108	0.067	7
5	5	20478	831.8	25	0	5	10	20550	839	50	0	19.39	18.39	18.36	0.084	0.067	0.066	7
5	5	20528	836.8	1	24	5	10	20600	844	1	0	22.31	21.92	20.13	0.164	0.150	0.100	7
5	5	20528	836.8	25	0	5	10	20600	844	50	0	20.95	20.06	20.05	0.120	0.098	0.098	7
5	10	20450	829	1	49	5	5	20522	836.2	1	0	22.20	21.07	18.90	0.160	0.124	0.075	7
5	10	20450	829	50	0	5	5	20522	836.2	25	0	19.94	19.01	19.03	0.095	0.077	0.077	7
5	10	20500	834	1	49	5	5	20572	841.2	1	0	22.27	21.59	19.62	0.163	0.139	0.089	7
5	10	20500	834	50	0	5	5	20572	841.2	25	0	20.94	19.95	19.95	0.120	0.095	0.095	7
5	10	20550	839	1	49	5	5	20622	846.2	1	0	19.71	18.76	17.16	0.090	0.073	0.050	7
5	10	20550	839	50	0	5	5	20622	846.2	25	0	19.17	17.97	17.84	0.080	0.061	0.059	7
5	10	20450	829	1	49	5	10	20549	838.9	1	0	22.420	21.44	19.39	0.169	0.135	0.084	7
5	10	20450	829	50	0	5	10	20549	838.9	50	0	19.94	19.01	19.04	0.095	0.077	0.077	7
5	10	20476	831.6	1	49	5	10	20575	841.5	1	0	21.82	20.99	18.99	0.147	0.121	0.077	7
5	10	20476	831.6	50	0	5	10	20575	841.5	50	0	19.41	18.29	18.24	0.084	0.085	0.064	7
5	10	20501	834.1	1	49	5	10	20600	844	1	0	22.04	21.10	19.09	0.155	0.124	0.078	7
5	10	20501	834.1	50	0	5	10	20600	844	50	0	20.11	19.16	19.21	0.099	0.080	0.081	7

Note:

1. Measure Level (ERP) = Reading Level (dBm) + Antenna Gain(dBi)-2.15dB
2. power (W)= (10<sup>(power(dBm)/10)</sup>)\*10<sup>-3</sup>

Product	Module		
Test Item	RF Output Power		
Test Mode	Mode 12: LTE CA Band 7C		
Date of Test	2020/08/19	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	67

Band	Bandwidth (MHz)	PCC				SCC					Power			ERP Power			Limit (W) EIRP	
		UL Channel	UL Frequency (MHz)	UL RB No.	UL RB offset	Band	Bandwidth (MHz)	UL Channel	UL Frequency (MHz)	UL RB No.	UL RB offset	QPSK RF Output Power(W) EIRP	16-QAM RF Output Power(W) EIRP	64-QAM RF Output Power(W) EIRP				
7	10	20805	2505.5	1	49	7	20	20949	2519.9	1	0	22.19	21.60	19.59	0.262	0.229	0.144	2
7	10	20805	2505.5	50	0	7	20	20949	2519.9	100	0	19.83	18.91	18.91	0.152	0.123	0.123	2
7	10	21008	2525.6	1	49	7	20	21150	2540	1	0	22.35	21.85	19.60	0.272	0.243	0.145	2
7	10	21008	2525.6	50	0	7	20	21150	2540	100	0	19.98	18.98	18.97	0.158	0.125	0.125	2
7	10	21208	2545.6	1	49	7	20	21350	2560	1	0	22.21	21.39	19.33	0.264	0.218	0.136	2
7	10	21208	2545.6	50	0	7	20	21350	2560	100	0	19.76	18.79	18.82	0.15	0.12	0.121	2
7	20	20850	2510	1	99	7	10	20994	2524.4	1	0	21.66	20.97	18.75	0.232	0.198	0.119	2
7	20	20850	2510	100	0	7	10	20994	2524.4	50	0	19.89	18.92	18.92	0.155	0.124	0.124	2
7	20	21051	2530.1	1	99	7	10	21195	2544.5	1	0	21.62	20.81	18.89	0.23	0.191	0.123	2
7	20	21051	2530.1	100	0	7	10	21195	2544.5	50	0	19.93	18.93	18.92	0.156	0.124	0.124	2
7	20	21251	2550.1	1	99	7	10	21395	2564.5	1	0	21.48	20.92	18.29	0.223	0.196	0.107	2
7	20	21251	2550.1	100	0	7	10	21395	2564.5	50	0	19.78	18.80	18.83	0.151	0.12	0.121	2
7	15	20825	2507.5	1	74	7	10	20945	2519.5	1	0	22.04	21.12	19.00	0.254	0.205	0.126	2
7	15	20825	2507.5	75	0	7	10	20945	2519.5	50	0	19.95	19.01	19.01	0.157	0.126	0.126	2
7	15	21051	2530.1	1	74	7	10	21171	2542.1	1	0	21.88	21.20	19.28	0.244	0.209	0.134	2
7	15	21051	2530.1	75	0	7	10	21171	2542.1	50	0	20.05	19.06	19.09	0.16	0.128	0.129	2
7	15	21277	2552.7	1	74	7	10	21397	2564.7	1	0	21.60	21.16	18.86	0.229	0.207	0.122	2
7	15	21277	2552.7	75	0	7	10	21397	2564.7	50	0	19.94	18.96	19.02	0.156	0.125	0.126	2
7	15	20825	2507.5	1	74	7	15	20975	2522.5	1	0	22.15	21.33	19.30	0.26	0.215	0.135	2
7	15	20825	2507.5	75	0	7	15	20975	2522.5	75	0	19.83	18.89	18.85	0.152	0.123	0.122	2
7	15	21025	2527.5	1	74	7	15	21175	2542.5	1	0	22.04	21.39	19.42	0.254	0.218	0.139	2
7	15	21025	2527.5	75	0	7	15	21175	2542.5	75	0	19.85	18.88	18.91	0.153	0.122	0.123	2
7	15	21225	2547.5	1	74	7	15	21375	2562.5	1	0	21.94	21.48	19.24	0.248	0.223	0.133	2
7	15	21225	2547.5	75	0	7	15	21375	2562.5	75	0	19.81	18.84	18.88	0.152	0.121	0.122	2
7	15	20828	2507.8	1	74	7	20	20999	2524.9	1	0	22.32	21.65	19.65	0.27	0.232	0.146	2
7	15	20828	2507.8	75	0	7	20	20999	2524.9	100	0	19.88	18.74	18.77	0.147	0.119	0.119	2
7	15	21003	2525.3	1	74	7	20	21174	2542.4	1	0	22.14	21.75	19.44	0.259	0.237	0.139	2
7	15	21003	2525.3	75	0	7	20	21174	2542.4	100	0	19.72	18.77	18.75	0.149	0.119	0.119	2
7	15	21179	2542.9	1	74	7	20	21350	2560	1	0	22.19	21.33	19.29	0.262	0.215	0.135	2
7	15	21179	2542.9	75	0	7	20	21350	2560	100	0	19.68	18.71	18.74	0.147	0.118	0.119	2
7	20	20850	2510	1	99	7	15	21021	2527.1	1	0	21.98	21.24	19.05	0.25	0.211	0.127	2
7	20	20850	2510	100	0	7	15	21021	2527.1	75	0	19.84	18.90	18.89	0.153	0.123	0.123	2
7	20	21026	2527.6	1	99	7	15	21197	2544.7	1	0	21.97	21.31	18.80	0.249	0.214	0.12	2
7	20	21026	2527.6	100	0	7	15	21197	2544.7	75	0	19.79	18.81	18.84	0.151	0.121	0.121	2
7	20	21201	2545.1	1	99	7	15	21372	2562.2	1	0	21.96	21.24	18.92	0.249	0.211	0.124	2
7	20	21201	2545.1	100	0	7	15	21372	2562.2	75	0	19.77	18.79	18.76	0.15	0.12	0.119	2
7	20	20850	2510	1	99	7	20	21048	2529.8	1	0	22.47	21.45	19.49	0.28	0.221	0.141	2
7	20	20850	2510	100	0	7	20	21048	2529.8	100	0	19.74	18.74	18.74	0.149	0.119	0.119	2
7	20	21001	2525.1	1	99	7	20	21199	2544.9	1	0	22.26	21.58	19.03	0.267	0.228	0.127	2
7	20	21001	2525.1	100	0	7	20	21199	2544.9	100	0	19.72	18.71	18.75	0.149	0.118	0.119	2
7	20	21152	2540.2	1	99	7	20	21350	2560	1	0	22.17	21.56	19.00	0.261	0.227	0.126	2
7	20	21152	2540.2	100	0	7	20	21350	2560	100	0	19.74	18.76	18.78	0.149	0.118	0.12	2

Note:

1. Measure Level (EIRP) = Reading Level (dBm) + Antenna Gain(dBi)
2. power (W)= (10<sup>(power(dBm)/10)</sup>)\*10<sup>-3</sup>



Product	Module		
Test Item	RF Output Power		
Test Mode	Mode 13: LTE CA Band 41C (FCC)		
Date of Test	2020/09/02	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	67

Band	PCC					SCC					Power			ERP Power			Limit (W) EIRP	
	Bandwidth (MHz)	UL Channel	UL Frequency (MHz)	UL RB No.	UL RB offset	Band	Bandwidth (MHz)	UL Channel	UL Frequency (MHz)	UL RB No.	UL RB offset	QPSK (dBm)	16-QAM (dBm)	64-QAM (dBm)	QPSK RF Output Power(W) EIRP	16-QAM RF Output Power(W) EIRP		64-QAM RF Output Power(W) EIRP
41	5	39683	2499.3	1	24	41	20	39600	2511	1	0	22.88	22.03	19.91	0.308	0.253	0.155	2
41	5	39683	2499.3	25	0	41	20	39600	2511	100	0	20.54	19.56	19.56	0.179	0.143	0.143	2
41	5	40528	2583.8	1	24	41	20	40645	2595.5	1	0	23.09	22.39	20.47	0.323	0.275	0.177	2
41	5	40528	2583.8	25	0	41	20	40645	2595.5	100	0	20.78	19.85	19.84	0.190	0.153	0.153	2
41	5	41373	2668.3	1	24	41	20	41490	2680	1	0	22.87	22.19	20.39	0.307	0.262	0.173	2
41	5	41373	2668.3	25	0	41	20	41490	2680	100	0	20.51	19.50	19.47	0.178	0.141	0.140	2
41	20	39750	2506	1	99	41	5	39667	2517.7	1	0	22.11	21.35	19.45	0.258	0.216	0.140	2
41	20	39750	2506	100	0	41	5	39667	2517.7	25	0	20.51	19.57	19.57	0.178	0.144	0.144	2
41	20	40595	2590.5	1	99	41	5	40712	2602.2	1	0	22.16	21.44	19.58	0.261	0.221	0.144	2
41	20	40595	2590.5	100	0	41	5	40712	2602.2	25	0	20.62	19.61	19.63	0.183	0.145	0.146	2
41	20	41440	2675	1	99	41	5	41557	2686.7	1	0	21.61	20.78	18.66	0.230	0.190	0.116	2
41	20	41440	2675	100	0	41	5	41557	2686.7	25	0	20.51	19.54	19.54	0.178	0.143	0.143	2
41	10	39703	2501.3	1	49	41	15	39823	2513.3	1	0	22.95	22.01	22.01	0.313	0.252	0.252	2
41	10	39703	2501.3	50	0	41	15	39823	2513.3	75	0	20.70	19.68	19.76	0.186	0.147	0.150	2
41	10	40549	2585.9	1	49	41	15	40669	2597.9	1	0	23.04	22.18	20.07	0.319	0.262	0.161	2
41	10	40549	2585.9	50	0	41	15	40669	2597.9	75	0	20.92	19.91	19.92	0.196	0.155	0.156	2
41	10	41395	2670.5	1	49	41	15	41515	2682.5	1	0	22.82	21.75	20.19	0.303	0.237	0.166	2
41	10	41395	2670.5	50	0	41	15	41515	2682.5	75	0	20.66	19.67	19.69	0.185	0.147	0.148	2
41	15	39725	2503.5	1	74	41	10	39845	2515.5	1	0	22.49	21.55	19.45	0.281	0.226	0.140	2
41	15	39725	2503.5	75	0	41	10	39845	2515.5	50	0	20.84	19.64	19.68	0.184	0.146	0.147	2
41	15	40571	2588.1	1	74	41	10	40691	2600.1	1	0	22.64	21.75	19.58	0.291	0.237	0.144	2
41	15	40571	2588.1	75	0	41	10	40691	2600.1	50	0	20.75	19.72	19.80	0.188	0.149	0.151	2
41	15	41417	2672.7	1	74	41	10	41537	2684.7	1	0	22.47	21.35	19.70	0.280	0.216	0.148	2
41	15	41417	2672.7	75	0	41	10	41537	2684.7	50	0	20.59	19.60	19.63	0.182	0.145	0.146	2
41	10	39705	2501.5	1	49	41	20	39849	2515.9	1	0	22.96	22.03	19.93	0.313	0.253	0.156	2
41	10	39705	2501.5	50	0	41	20	39849	2515.9	100	0	20.55	19.48	19.49	0.180	0.141	0.141	2
41	10	40526	2583.6	1	49	41	20	40670	2598	1	0	23.14	22.07	20.37	0.327	0.255	0.173	2
41	10	40526	2583.6	50	0	41	20	40670	2598	100	0	20.75	19.73	19.76	0.188	0.149	0.150	2
41	10	41346	2665.6	1	49	41	20	41490	2680	1	0	23.05	21.95	19.88	0.320	0.248	0.154	2
41	10	41346	2665.6	50	0	41	20	41490	2680	100	0	20.43	19.47	19.49	0.175	0.140	0.141	2
41	20	39750	2506	1	99	41	10	39894	2520.4	1	0	22.26	21.49	19.51	0.267	0.223	0.142	2
41	20	39750	2506	100	0	41	10	39894	2520.4	50	0	20.54	19.58	19.62	0.179	0.144	0.145	2
41	20	40571	2588.1	1	99	41	10	40715	2602.5	1	0	22.37	21.64	19.75	0.274	0.231	0.150	2
41	20	40571	2588.1	100	0	41	10	40715	2602.5	50	0	20.70	19.72	19.69	0.186	0.149	0.148	2
41	20	41391	2670.1	1	99	41	10	41535	2684.5	1	0	21.94	21.12	19.05	0.248	0.205	0.127	2
41	20	41391	2670.1	100	0	41	10	41535	2684.5	50	0	20.46	19.50	19.49	0.176	0.141	0.141	2

PCC						SCC						Power			ERP Power			Limit
Band	Bandwidth (MHz)	UL Channel	UL Frequency (MHz)	UL RB No.	UL RB offset	Band	Bandwidth (MHz)	UL Channel	UL Frequency (MHz)	UL RB No.	UL RB offset	QPSK (dBm)	16-QAM (dBm)	64-QAM (dBm)	QPSK RF Output Power(W) EIRP	16-QAM RF Output Power(W) EIRP	64-QAM RF Output Power(W) EIRP	Limit (W) EIRP
41	15	39725	2503.5	1	74	41	15	39875	2518.5	1	0	22.79	22.04	20.07	0.301	0.254	0.161	2
41	15	39725	2503.5	75	0	41	15	39875	2518.5	75	0	20.54	19.59	19.62	0.179	0.144	0.145	2
41	15	40545	2585.5	1	74	41	15	40695	2600.5	1	0	22.88	22.08	19.94	0.308	0.256	0.156	2
41	15	40545	2585.5	75	0	41	15	40695	2600.5	75	0	20.79	19.75	19.80	0.190	0.150	0.151	2
41	15	41365	2667.5	1	74	41	15	41515	2682.5	1	0	22.83	21.66	20.01	0.304	0.232	0.159	2
41	15	41365	2667.5	75	0	41	15	41515	2682.5	75	0	20.47	19.51	19.50	0.177	0.142	0.141	2
41	15	39728	2503.8	1	74	41	20	39899	2520.9	1	0	22.93	22.19	20.31	0.311	0.262	0.170	2
41	15	39728	2503.8	75	0	41	20	39899	2520.9	100	0	20.41	19.48	19.49	0.174	0.141	0.141	2
41	15	40523	2583.3	1	74	41	20	40694	2600.4	1	0	22.81	22.21	20.10	0.303	0.264	0.162	2
41	15	40523	2583.3	75	0	41	20	40694	2600.4	100	0	20.67	19.68	19.74	0.185	0.147	0.149	2
41	15	41319	2662.9	1	74	41	20	41490	2680	1	0	22.99	21.82	20.15	0.316	0.241	0.164	2
41	15	41319	2662.9	75	0	41	20	41490	2680	100	0	20.39	19.35	19.42	0.173	0.136	0.139	2
41	20	39750	2506	1	99	41	15	39921	2523.1	1	0	22.51	21.83	19.86	0.282	0.242	0.153	2
41	20	39750	2506	100	0	41	15	39921	2523.1	75	0	20.52	19.55	19.59	0.179	0.143	0.144	2
41	20	40546	2585.6	1	99	41	15	40717	2602.7	1	0	22.64	21.76	20.04	0.291	0.238	0.160	2
41	20	40546	2585.6	100	0	41	15	40717	2602.7	75	0	20.70	19.76	19.71	0.186	0.150	0.148	2
41	20	41341	2665.1	1	99	41	15	41512	2682.2	1	0	22.26	21.47	19.41	0.267	0.222	0.138	2
41	20	41341	2665.1	100	0	41	15	41512	2682.2	75	0	20.42	19.42	19.46	0.175	0.139	0.140	2
41	20	39750	2506	1	99	41	20	39948	2525.8	1	0.00	23.160	22.10	20.150	0.328	0.257	0.164	2

Note:

1. Measure Level (EIRP) = Reading Level (dBm) + Antenna Gain(dBi)
2. power (W)=  $(10^{(\text{power}(\text{dBm})/10)}) * 10^{-3}$

Product	Module		
Test Item	RF Output Power		
Test Mode	Mode 13: LTE CA Band 41C (ISED)		
Date of Test	2020/09/02	Test Site	SR12-H
Temperature(°C)	23	Humidity (%RH)	67

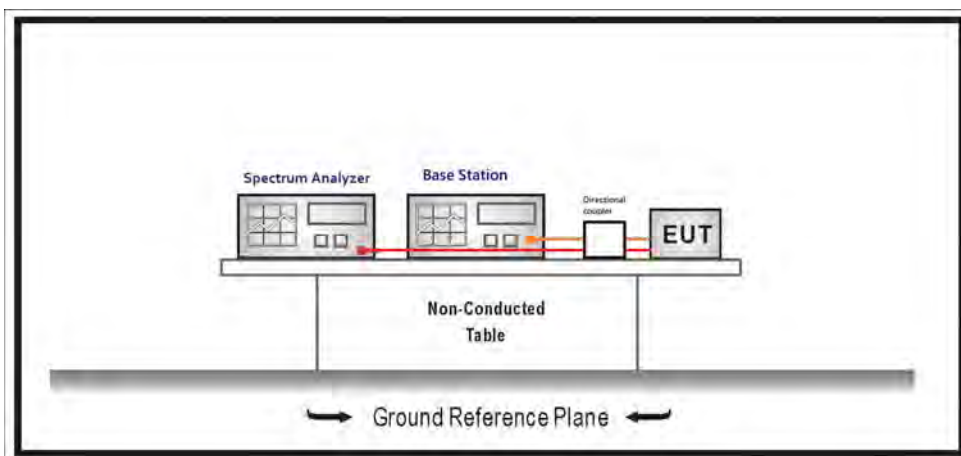
Band	PCC					SCC					Power			ERP Power			Limit (W) EIRP	
	Bandwidth (MHz)	UL Channel	UL Frequency (MHz)	UL RB No.	UL RB offset	Band	Bandwidth (MHz)	UL Channel	UL Frequency (MHz)	UL RB No.	UL RB offset	QPSK (dBm)	16-QAM (dBm)	64-QAM (dBm)	QPSK RF Output Power(W) EIRP	16-QAM RF Output Power(W) EIRP		64-QAM RF Output Power(W) EIRP
41	5	39715	2502.5	1	24	41	20	39832	2514.2	1	0	22.03	21.11	19.92	0.253	0.205	0.156	2
41	5	39715	2502.5	25	0	41	20	39832	2514.2	100	0	19.94	18.95	18.94	0.156	0.124	0.124	2
41	20	39790	2510	1	99	41	5	39907	2521.7	1	0	22.23	21.35	19.88	0.265	0.216	0.154	2
41	20	39790	2510	100	0	41	5	39907	2521.7	25	0	20.13	19.14	19.11	0.163	0.130	0.129	2
41	10	39740	2505	1	49	41	15	39860	2517	1	0	22.16	21.17	19.76	0.261	0.207	0.150	2
41	10	39740	2505	50	0	41	15	39860	2517	75	0	20.14	19.11	19.06	0.164	0.129	0.128	2
41	15	39765	2507.5	1	74	41	10	39885	2519.5	1	0	22.16	21.24	19.93	0.261	0.211	0.156	2
41	15	39765	2507.5	75	0	41	10	39885	2519.5	50	0	20.13	19.10	19.03	0.163	0.129	0.127	2
41	10	39740	2505	1	49	41	20	39884	2519.4	1	0	22.13	21.14	19.86	0.259	0.206	0.153	2
41	10	39740	2505	50	0	41	20	39884	2519.4	100	0	20.17	19.13	19.04	0.165	0.130	0.127	2
41	20	39790	2510	1	99	41	10	39934	2524.4	1	0	22.25	21.37	19.79	0.266	0.217	0.151	2
41	20	39790	2510	100	0	41	10	39934	2524.4	50	0	20.15	19.16	19.02	0.164	0.131	0.126	2
41	15	39765	2507.5	1	74	41	15	39915	2522.5	1	0	22.20	21.15	19.89	0.263	0.207	0.155	2
41	15	39765	2507.5	75	0	41	15	39915	2522.5	75	0	20.10	19.11	19.10	0.162	0.129	0.129	2
41	15	39765	2507.5	1	74	41	20	39936	2524.6	1	0	22.16	21.23	19.90	0.261	0.210	0.155	2
41	15	39765	2507.5	75	0	41	20	39936	2524.6	100	0	20.08	19.05	19.60	0.161	0.127	0.145	2
41	20	39790	2510	1	99	41	15	39961	2527.1	1	0	22.23	21.41	19.95	0.265	0.216	0.157	2
41	20	39790	2510	100	0	41	15	39961	2527.1	75	0	20.13	19.12	19.08	0.163	0.129	0.128	2
41	20	39790	2510	1	99	41	20	39988	2529.8	1	0	22.33	21.41	19.97	0.271	0.219	0.157	2
41	20	39790	2510	100	0	41	20	39988	2529.8	100	0	20.10	19.08	19.06	0.162	0.128	0.128	2

Note:

1. Measure Level (EIRP) = Reading Level (dBm) + Antenna Gain(dBi)
2. power (W) =  $(10^{(\text{power(dBm)}/10)}) * 10^{-3}$

## 4. Occupied Bandwidth

### 4.1. Test Setup



### 4.2. Test Procedure

1. The EUT was connected to Spectrum Analyzer and Base Station via power divider.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. The 26 dB bandwidth and 99% occupied bandwidth of the low & middle & high channel for the highest RF powers were measured.

### 4.3. Test Method

KDB 971168 D01 Power Meas License Digital Systems v03 sub-clause 4.2 & 4.3  
ANSI C63.26-2015 Sub-clause 5.4.3 & 5.4.4



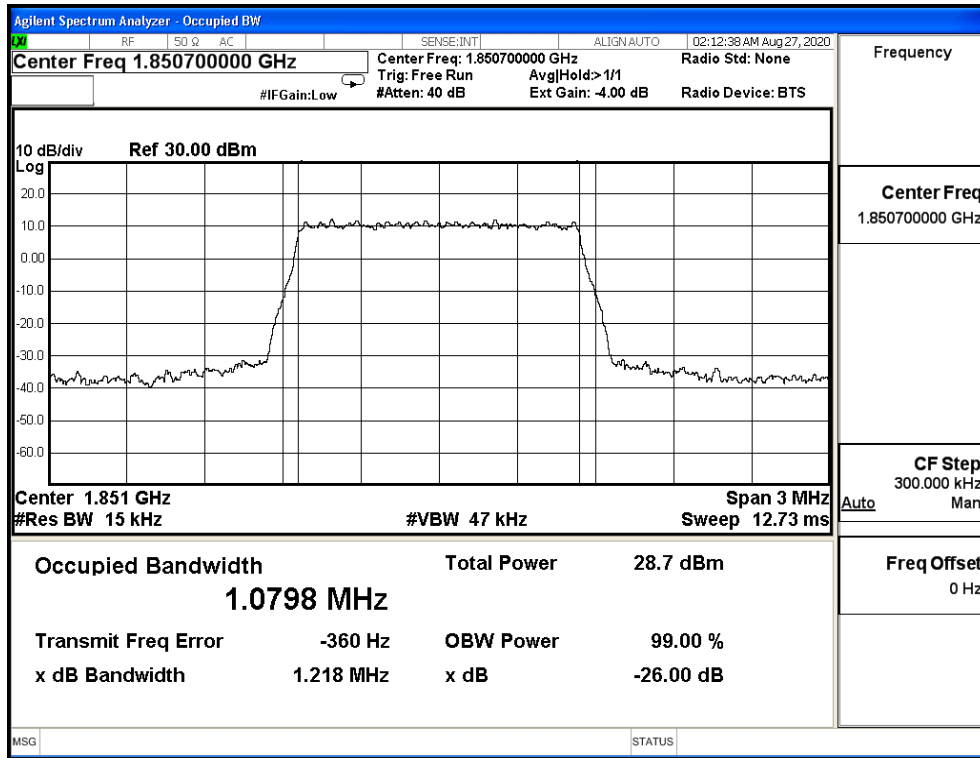
**4.4. Test Result**

Product	Module		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: LTE Band 2/25		
Date of Test	2020/09/02	Test Site	SR12-H
Temperature(°C)	24	Humidity (%RH)	60

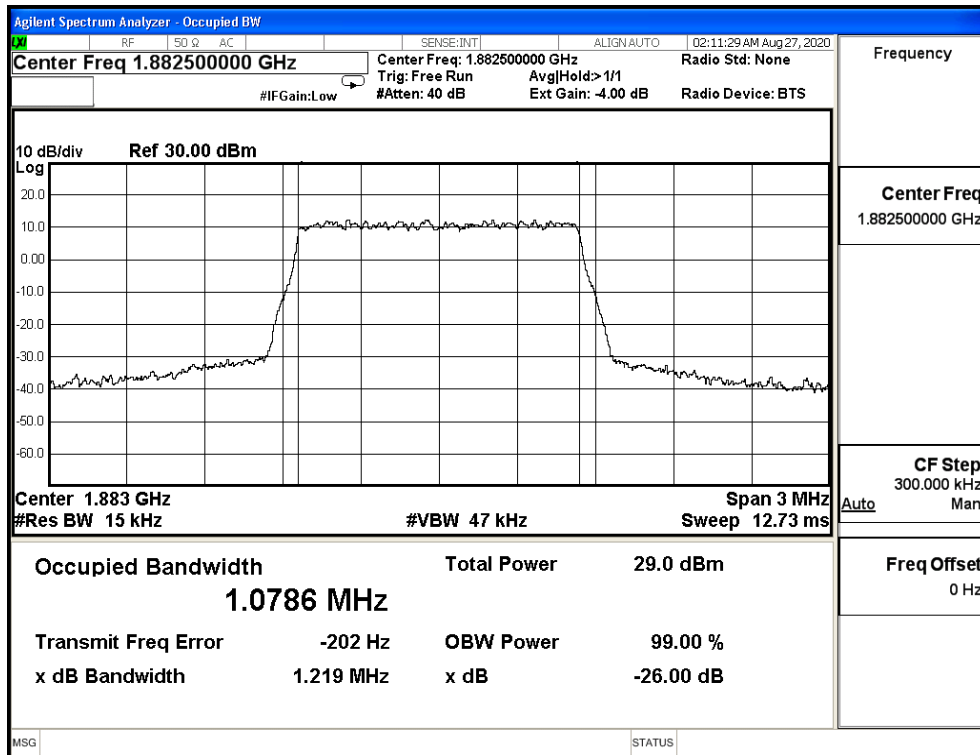
Bandwidth (MHz)	Modulation	Frequency (MHz)	Measure Level (MHz)		Limit (MHz)
			26dB BW	99% BW	
1.4M	QPSK	1850.7	1.218	1.080	N/A
		1882.5	1.219	1.079	N/A
		1914.3	1.205	1.087	N/A
	16-QAM	1850.7	1.203	1.079	N/A
		1882.5	1.225	1.081	N/A
		1914.3	1.221	1.082	N/A
	64-QAM	1850.7	1.211	1.079	N/A
		1882.5	1.211	1.080	N/A
		1914.3	1.211	1.080	N/A
3M	QPSK	1851.5	2.940	2.691	N/A
		1882.5	2.944	2.693	N/A
		1913.5	2.951	2.687	N/A
	16-QAM	1851.5	2.937	2.684	N/A
		1882.5	2.946	2.684	N/A
		1913.5	2.948	2.685	N/A
	64-QAM	1851.5	2.919	2.683	N/A
		1882.5	2.911	2.683	N/A
		1913.5	2.907	2.685	N/A
5M	QPSK	1852.5	4.869	4.469	N/A
		1882.5	4.912	4.488	N/A
		1912.5	4.892	4.476	N/A
	16-QAM	1852.5	4.917	4.473	N/A
		1882.5	4.824	4.469	N/A
		1912.5	4.873	4.476	N/A
	64-QAM	1852.5	4.844	4.479	N/A
		1882.5	4.867	4.479	N/A
		1912.5	4.893	4.488	N/A

Bandwidth (MHz)	Modulation	Frequency (MHz)	Measure Level (MHz)		Limit (MHz)
			26dB BW	99% BW	
10M	QPSK	1855	9.731	8.955	N/A
		1882.5	9.688	8.948	N/A
		1910	9.628	8.945	N/A
	16-QAM	1855	9.668	8.941	N/A
		1882.5	9.644	8.943	N/A
		1910	9.608	8.935	N/A
	64-QAM	1855	9.633	8.932	N/A
		1882.5	9.643	8.938	N/A
		1910	9.585	8.929	N/A
15M	QPSK	1857.5	14.530	13.441	N/A
		1882.5	14.500	13.403	N/A
		1907.5	14.450	13.410	N/A
	16-QAM	1857.5	14.470	13.419	N/A
		1882.5	14.450	13.389	N/A
		1907.5	14.390	13.416	N/A
	64-QAM	1857.5	14.430	13.396	N/A
		1882.5	14.350	13.365	N/A
		1907.5	14.470	13.388	N/A
20M	QPSK	1860	19.150	17.885	N/A
		1882.5	19.010	17.834	N/A
		1905	19.340	17.867	N/A
	16-QAM	1860	19.110	17.867	N/A
		1882.5	19.200	17.856	N/A
		1905	19.150	17.821	N/A
	64-QAM	1860	19.230	17.871	N/A
		1882.5	19.270	17.846	N/A
		1905	19.190	17.841	N/A

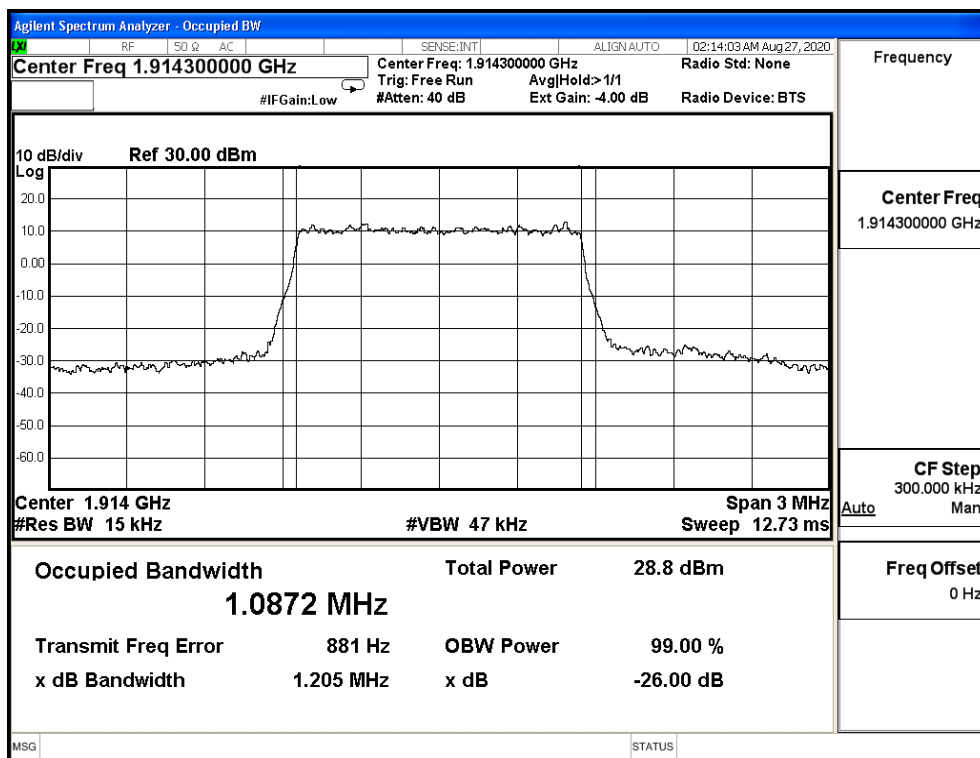
QPSK\_CH26047\_ 1.4M



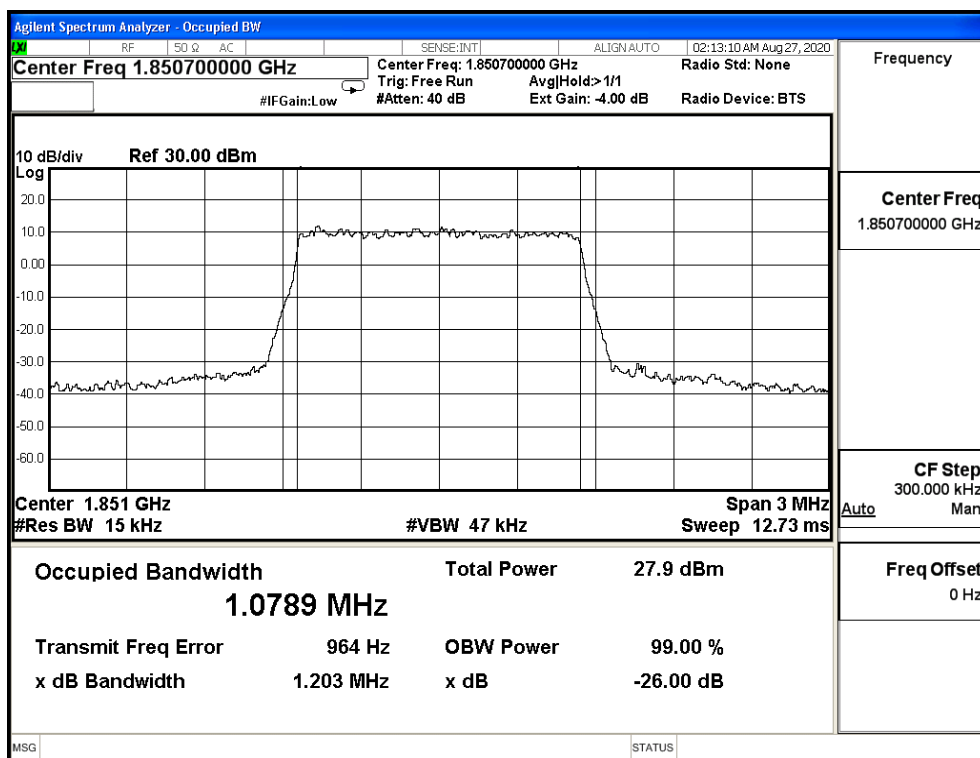
QPSK\_CH26365\_ 1.4M



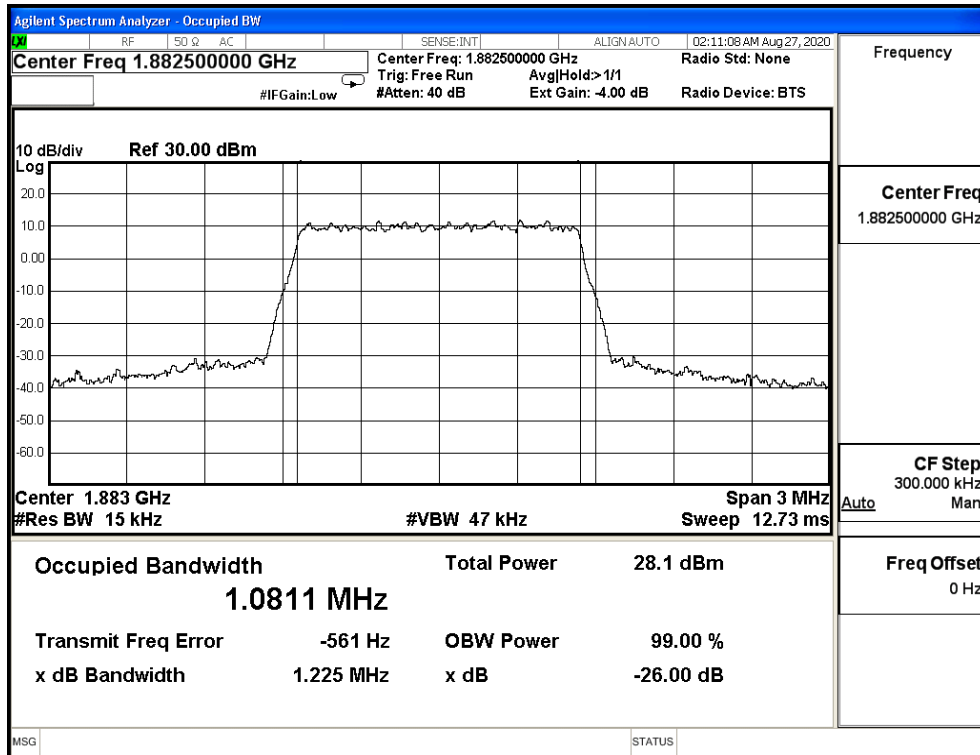
QPSK\_CH26683\_ 1.4M



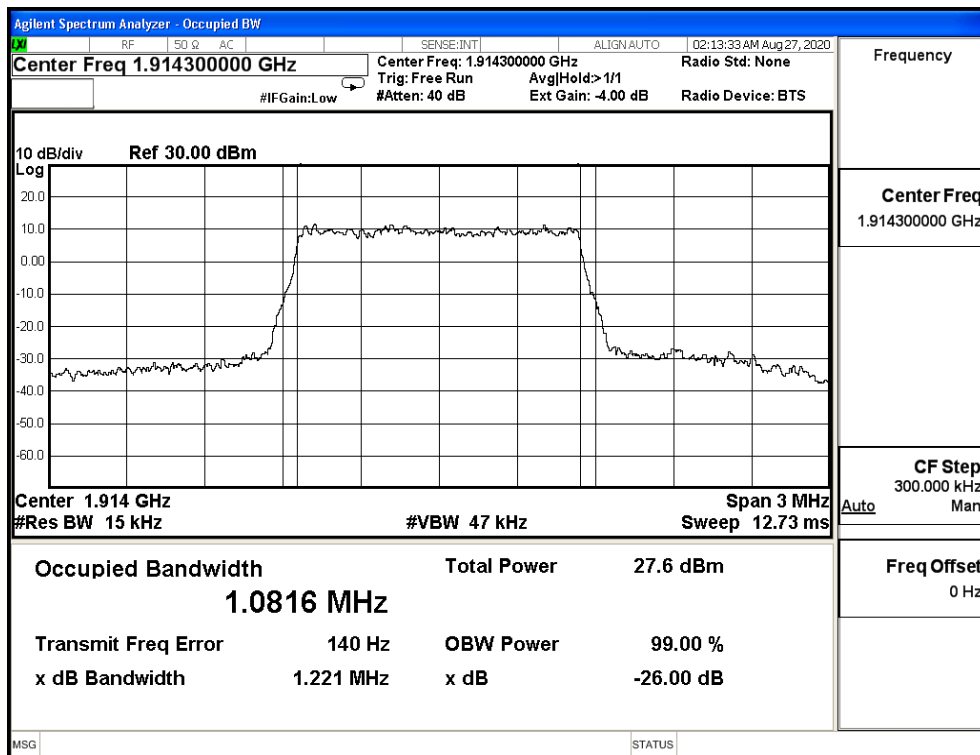
16QAM\_CH26047\_ 1.4M



16QAM\_CH26365\_ 1.4M

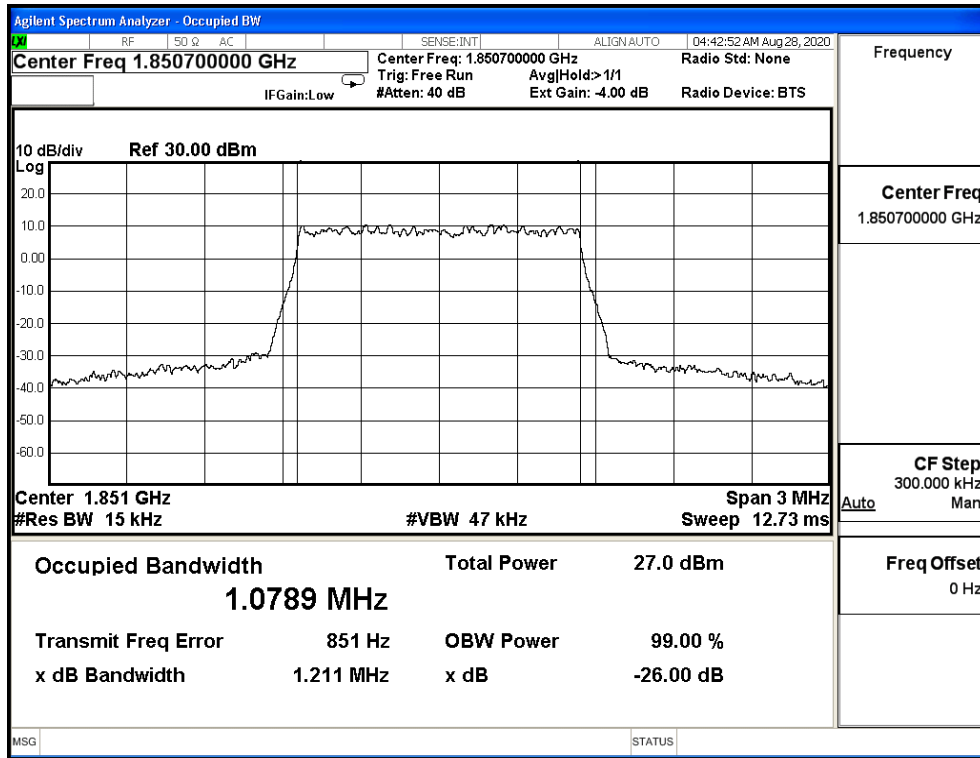


16QAM\_CH26683\_ 1.4M

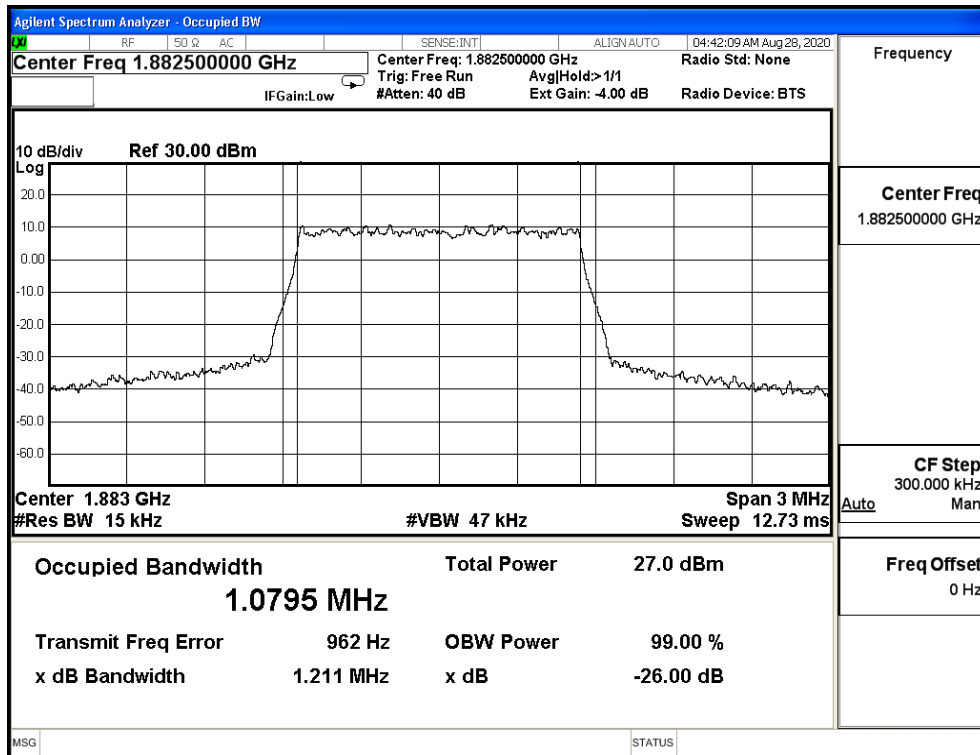




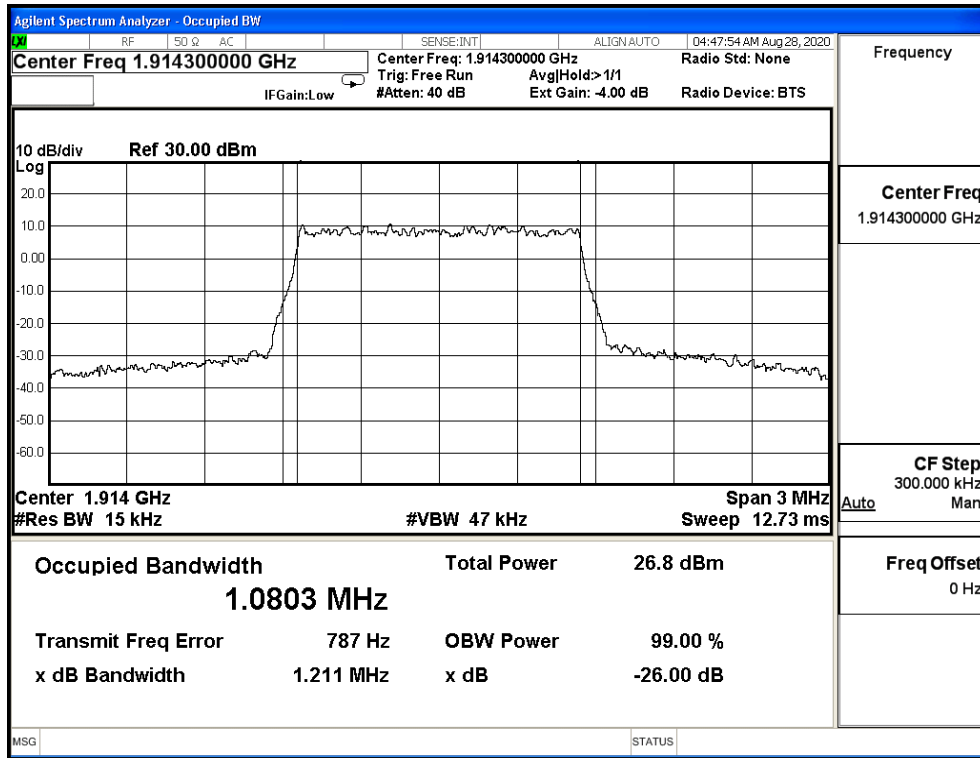
64QAM\_CH26047\_ 1.4M



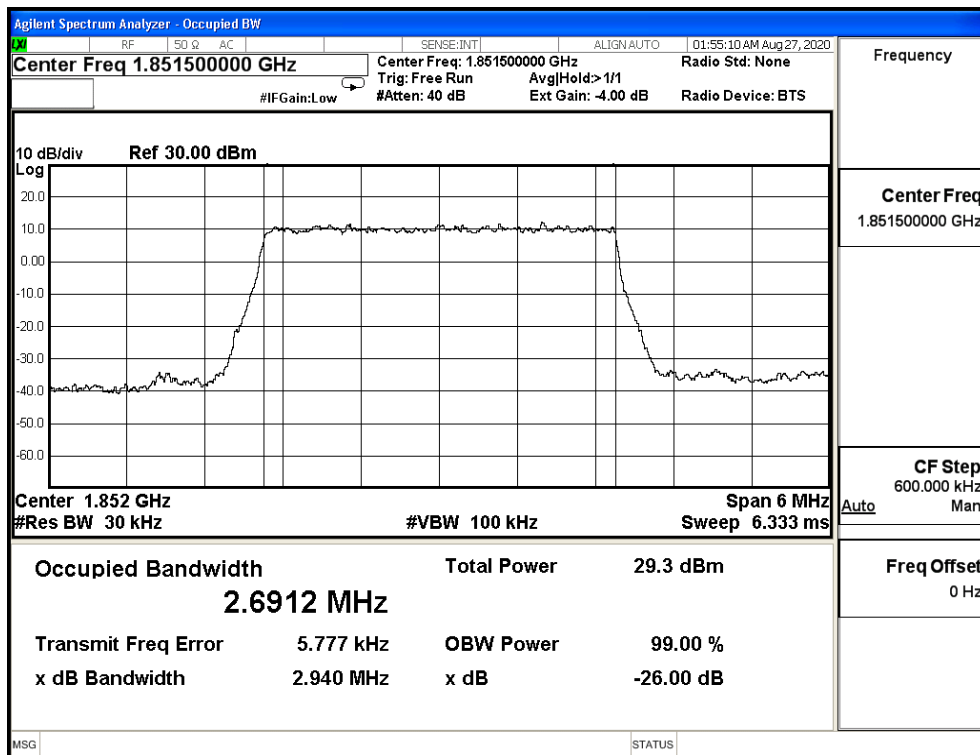
64QAM\_CH26365\_ 1.4M



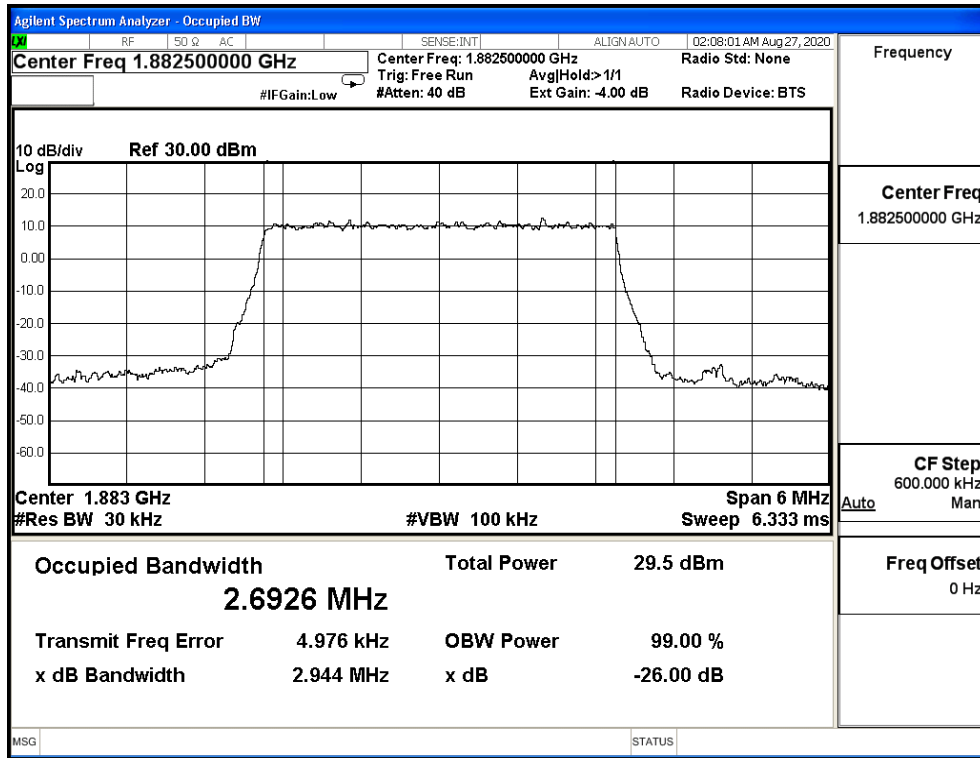
64QAM\_CH26683\_1.4M



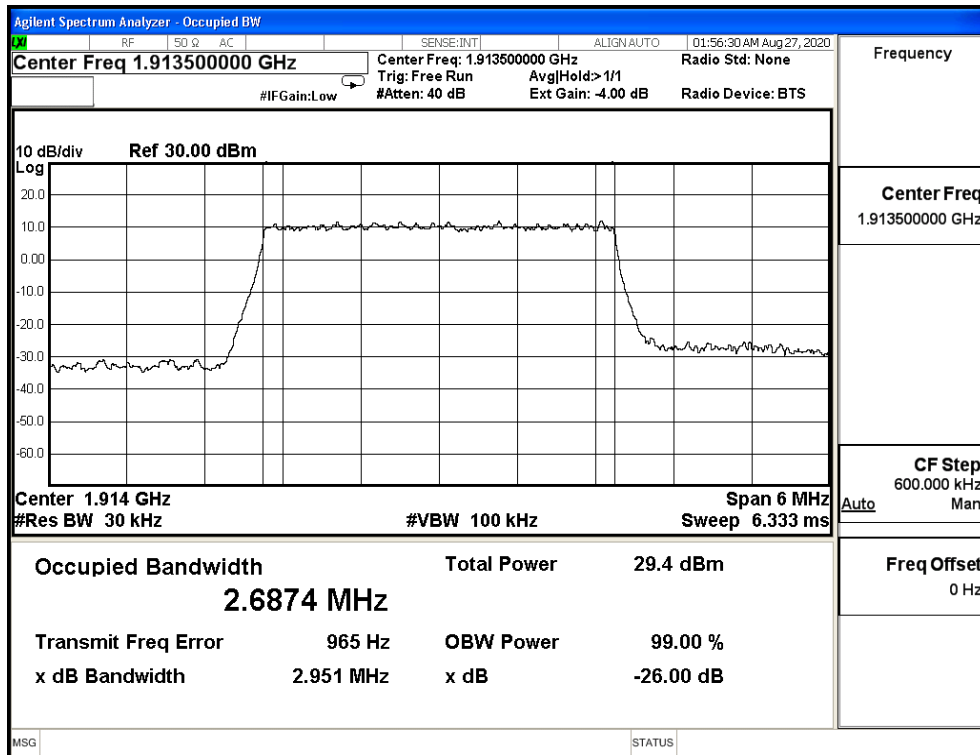
QPSK\_CH26055\_3M



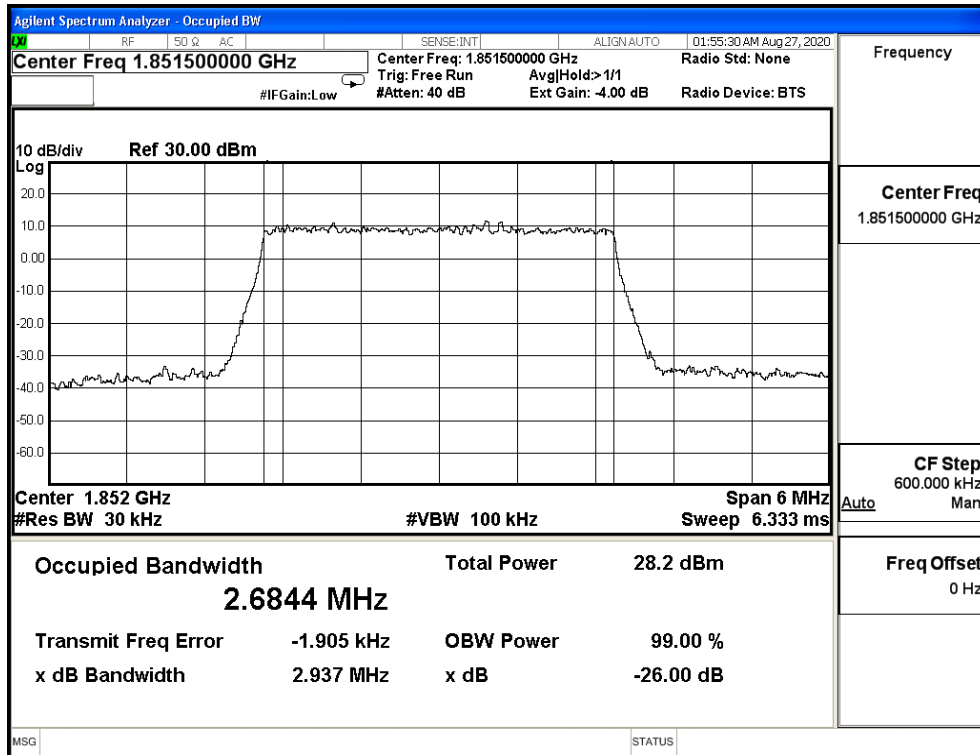
QPSK\_CH26365\_3M



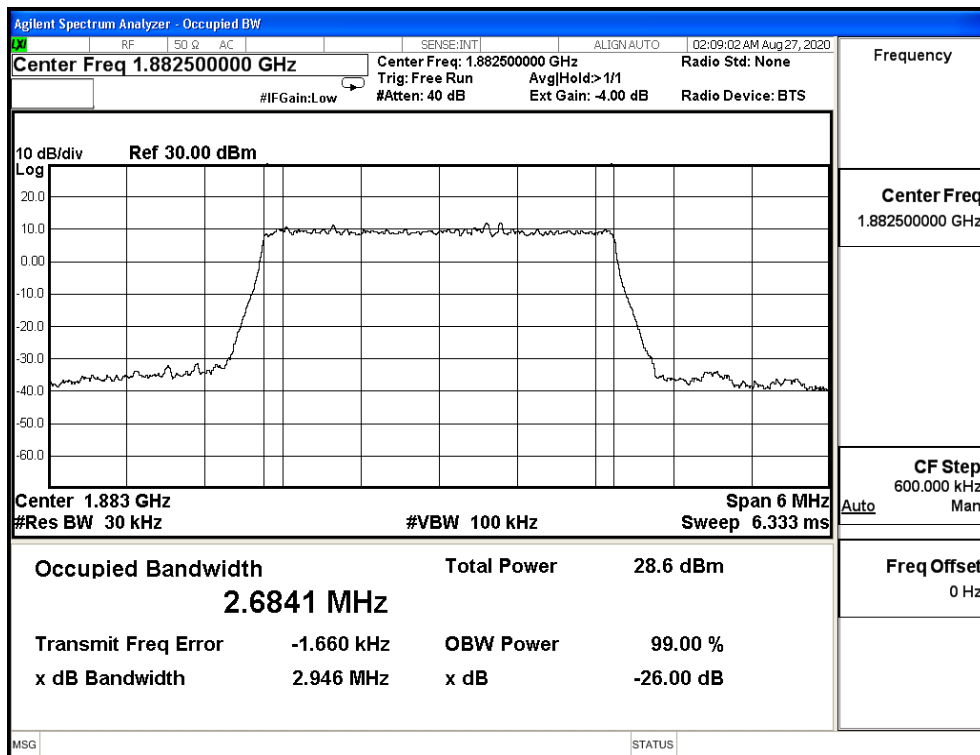
QPSK\_CH26675\_3M



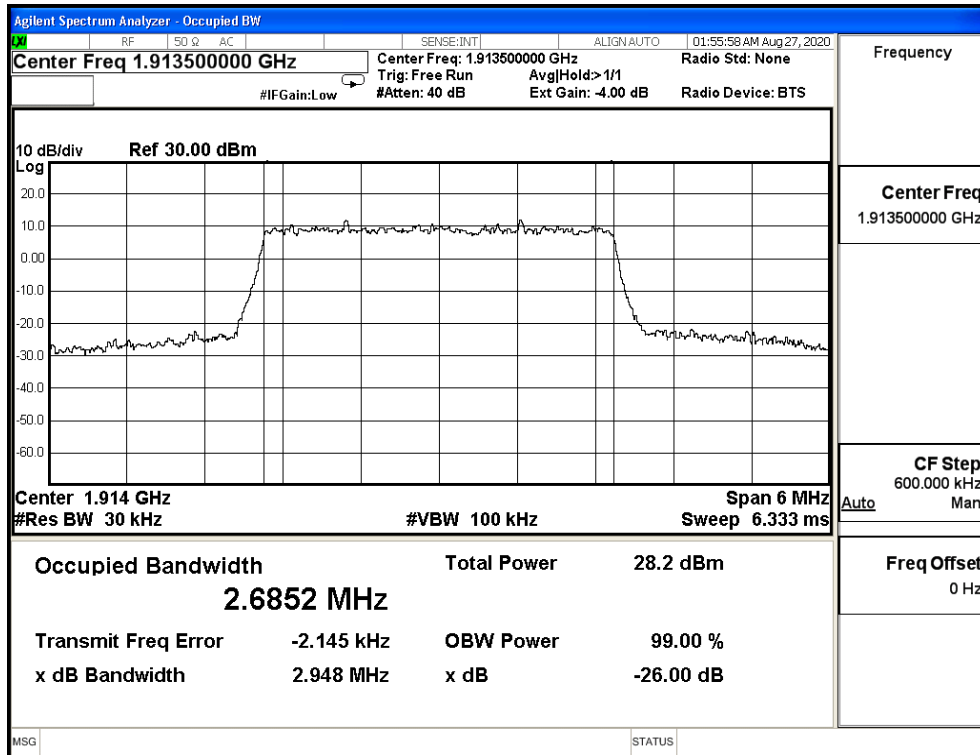
16QAM\_CH26055\_3M



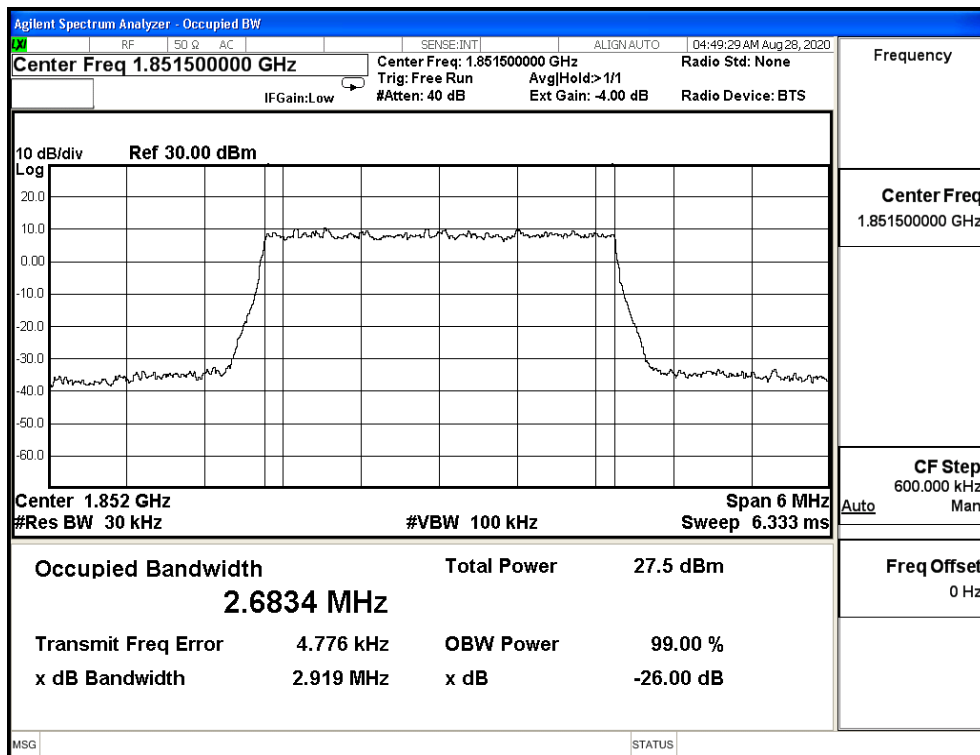
16QAM\_CH26365\_3M



16QAM\_CH26675\_3M

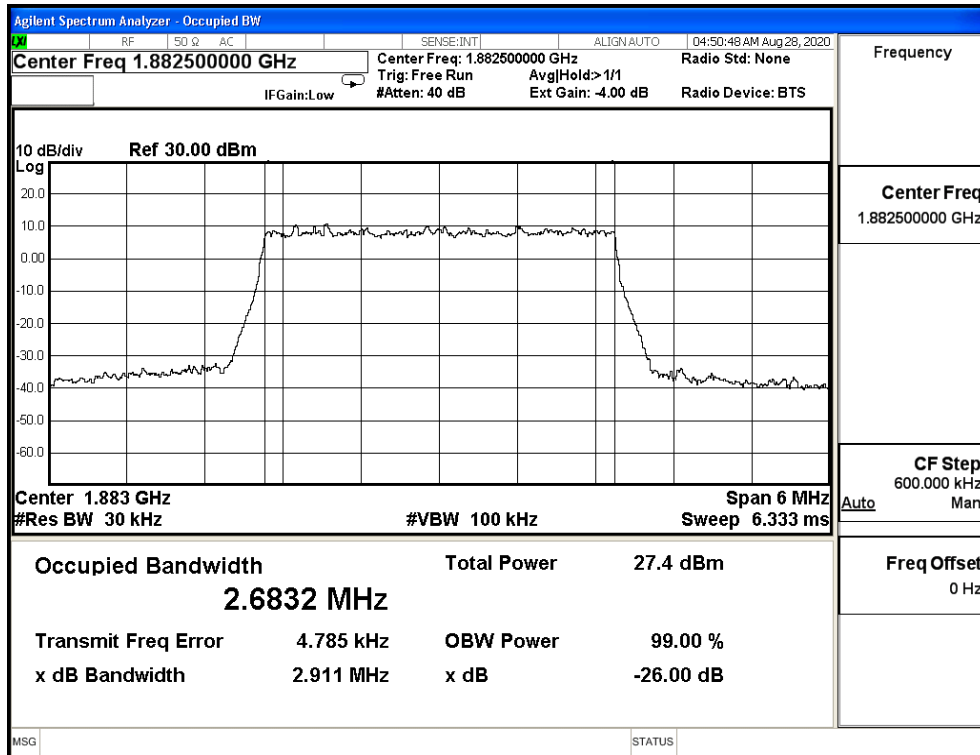


64QAM\_CH26055\_3M

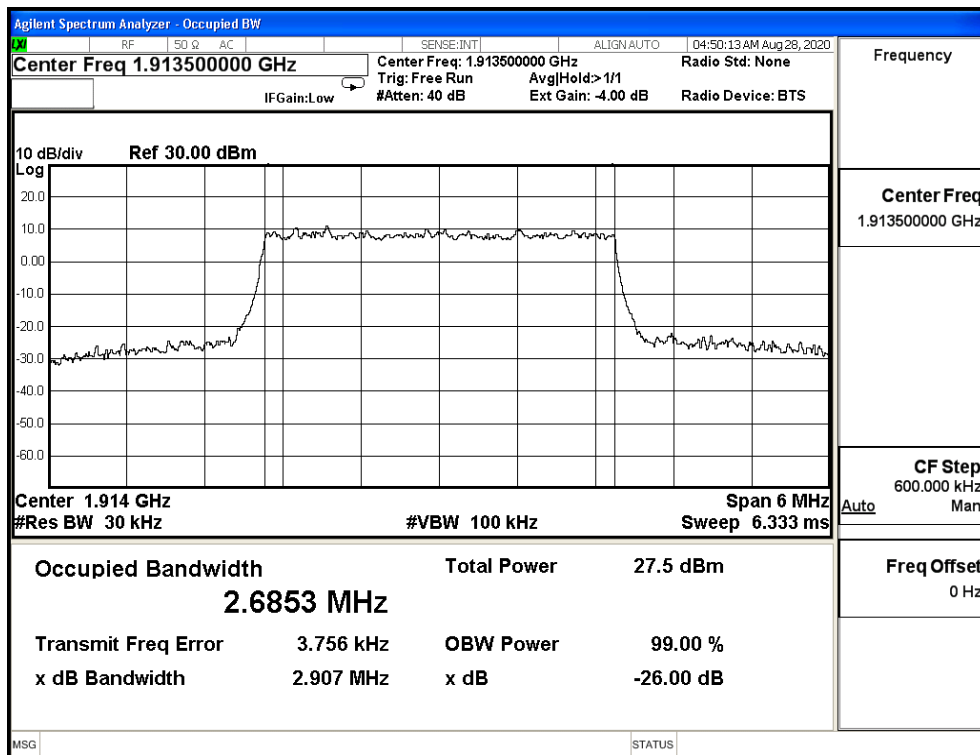




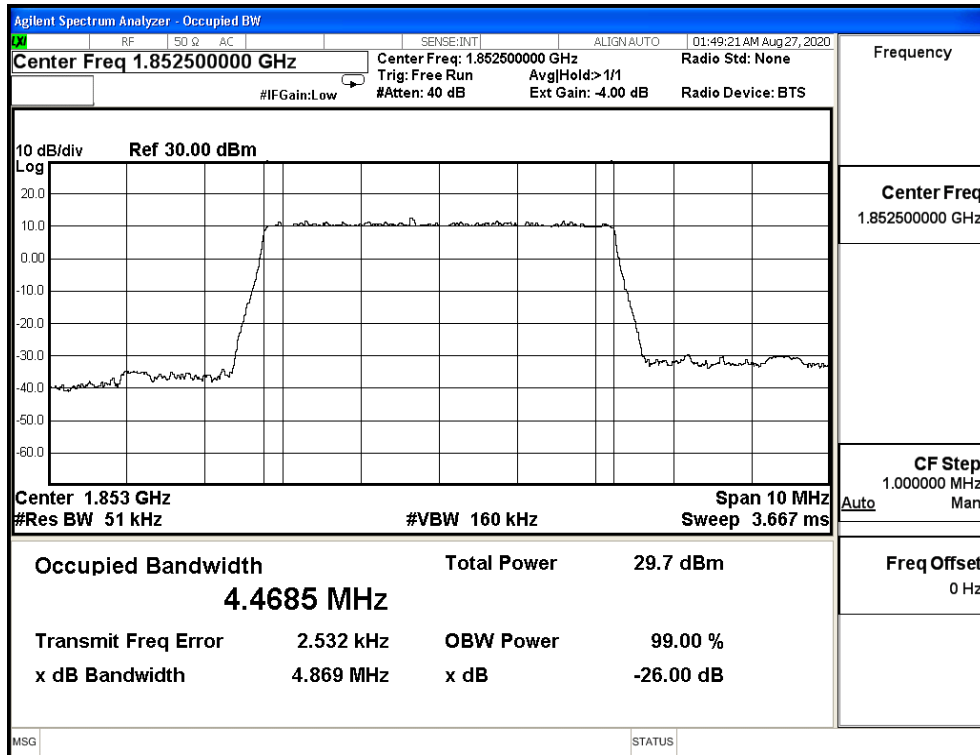
64QAM\_CH26365\_3M



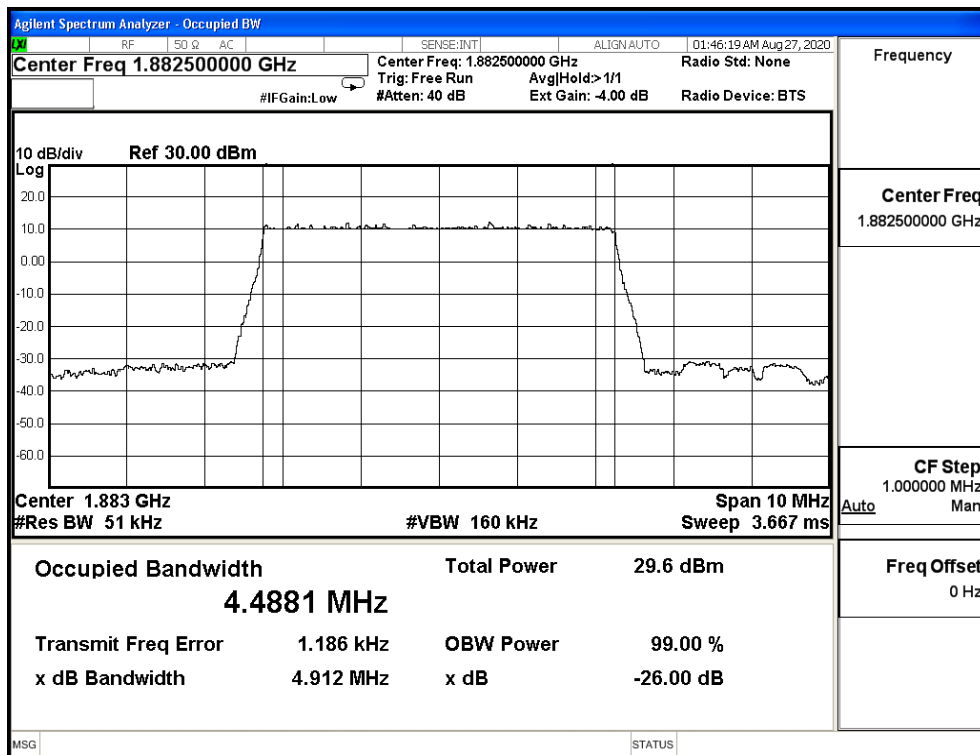
64QAM\_CH26675\_3M



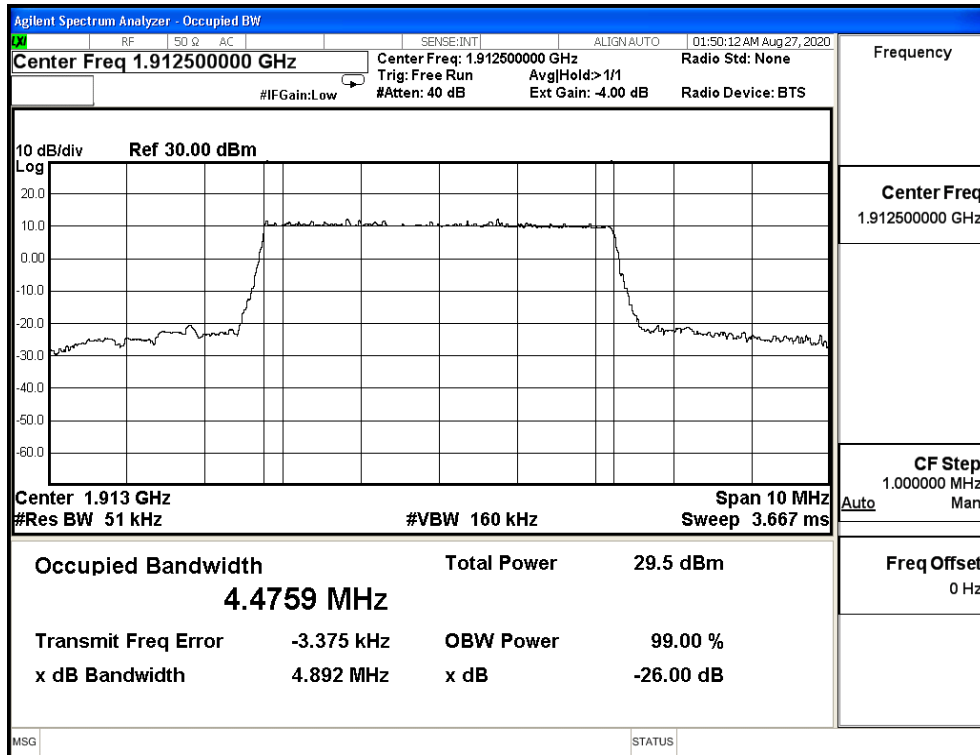
QPSK\_CH26065\_5M



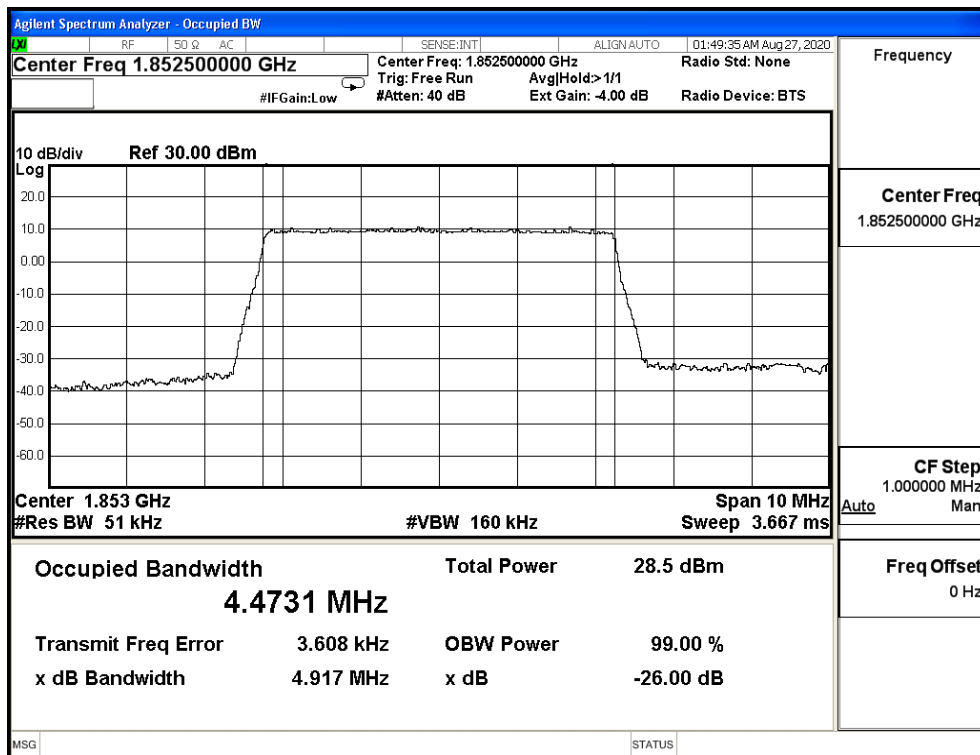
QPSK\_CH26365\_5M



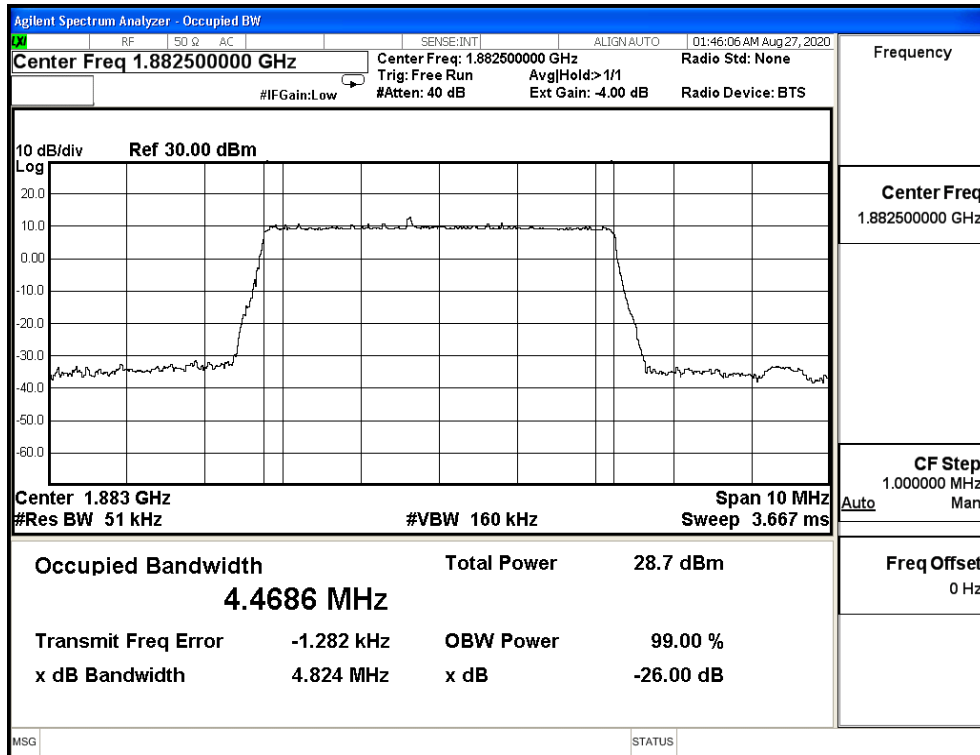
QPSK\_CH26665\_5M



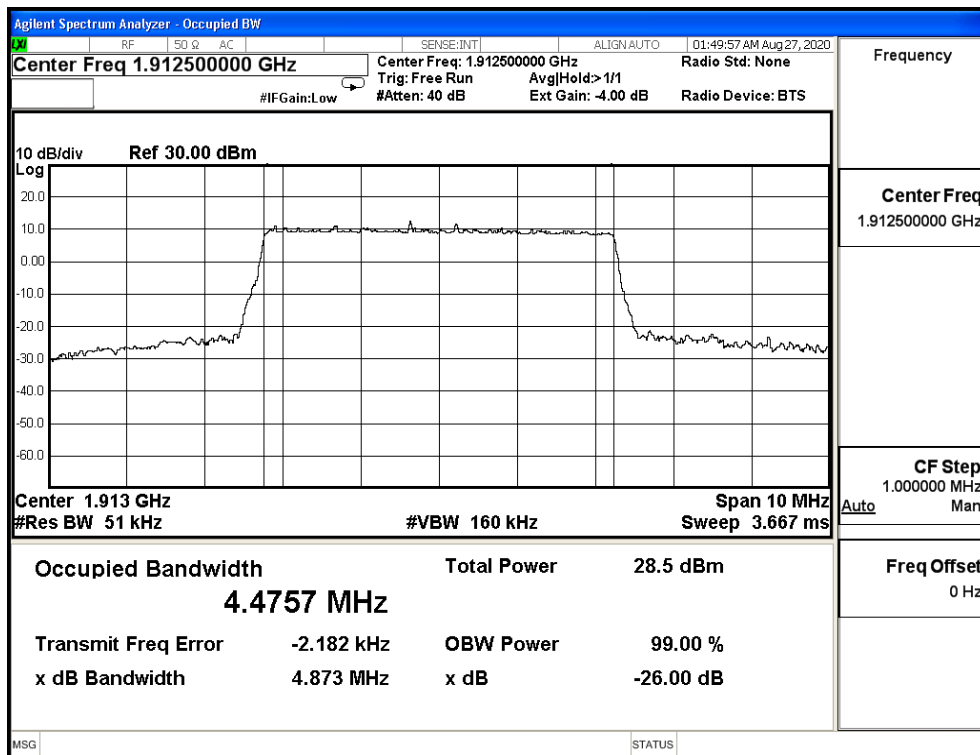
16QAM\_CH26065\_5M



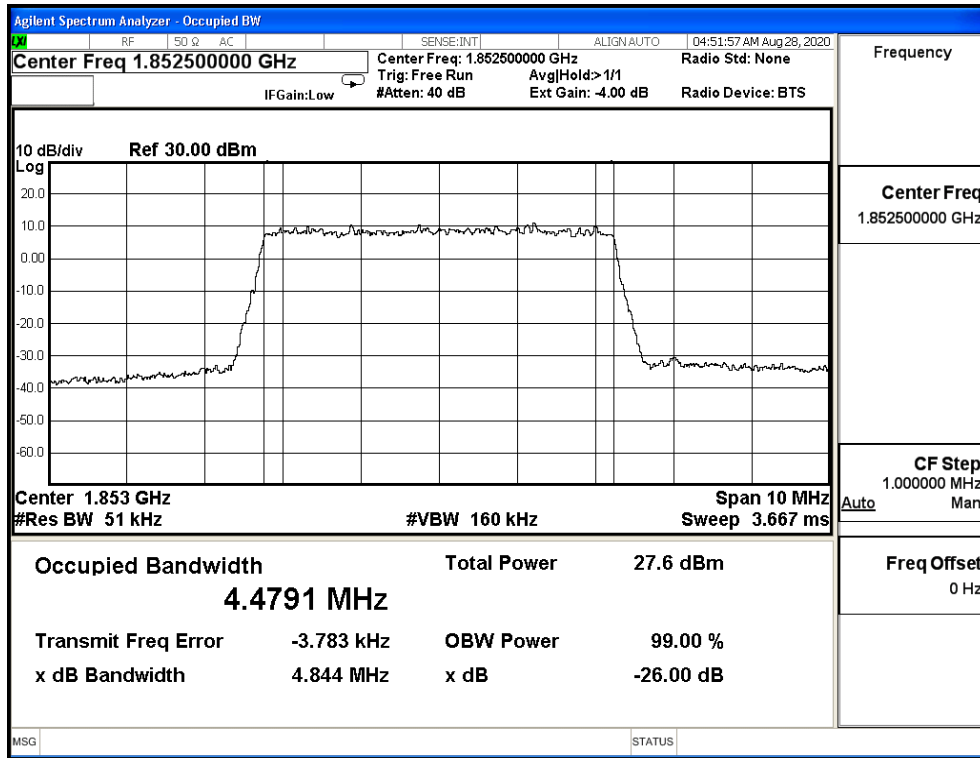
16QAM\_CH26365\_5M



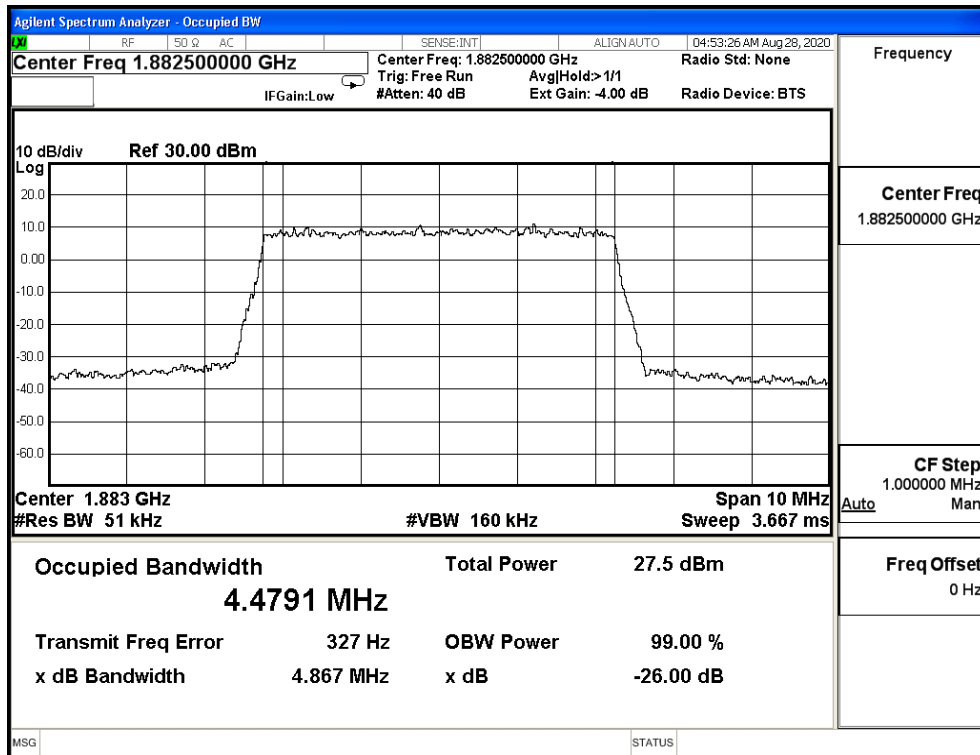
16QAM\_CH26665\_5M



64QAM\_CH26065\_5M

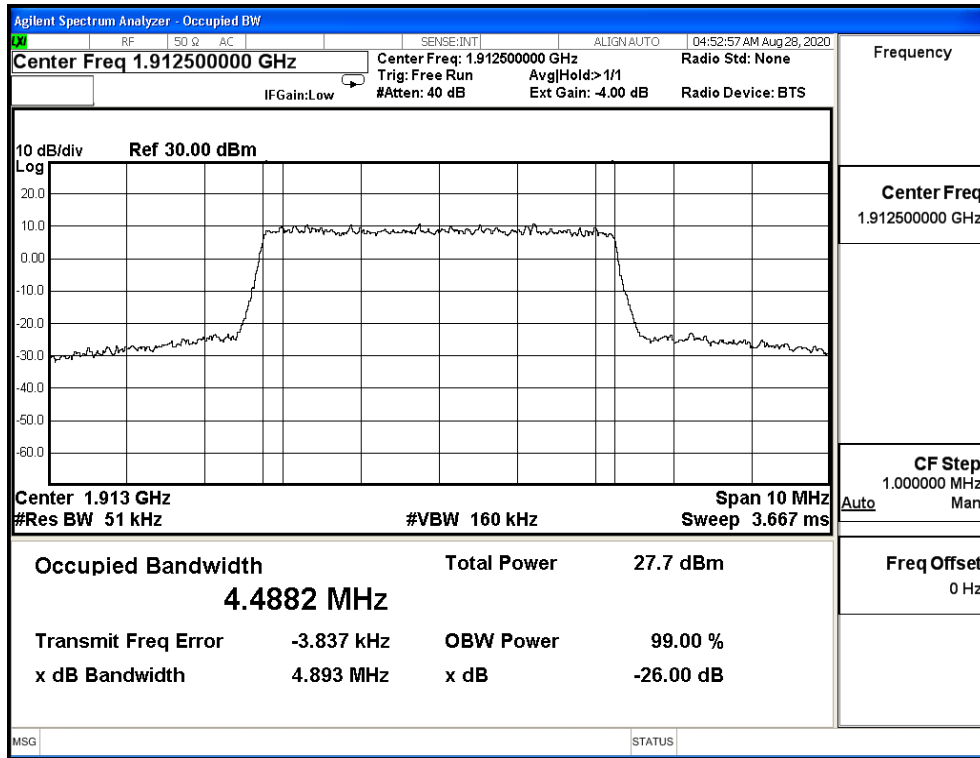


64QAM\_CH26365\_5M

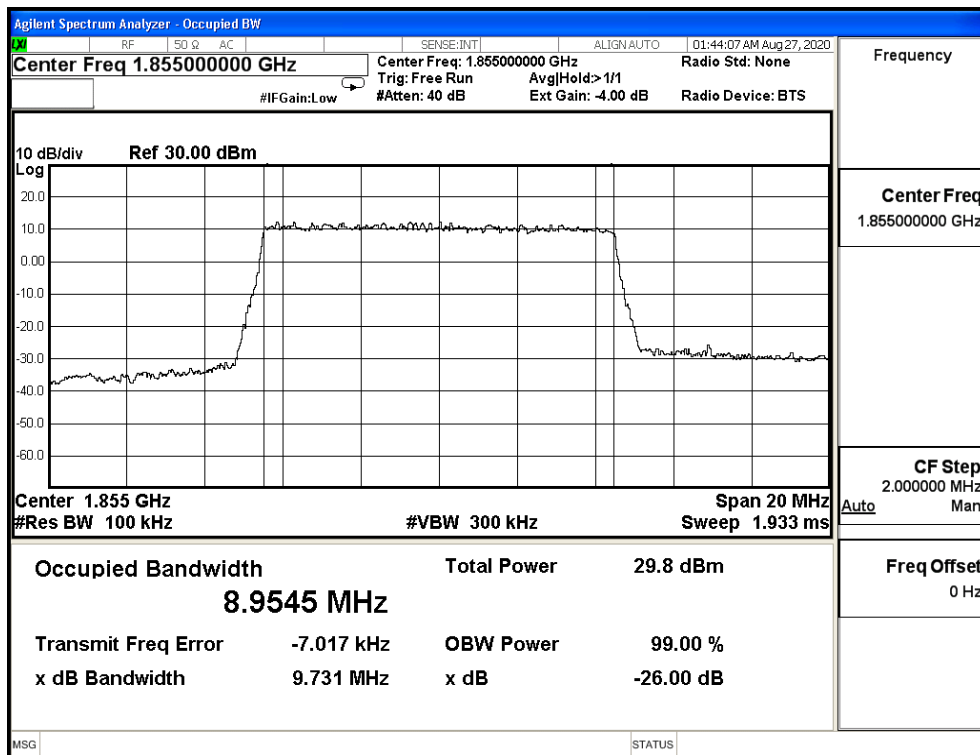




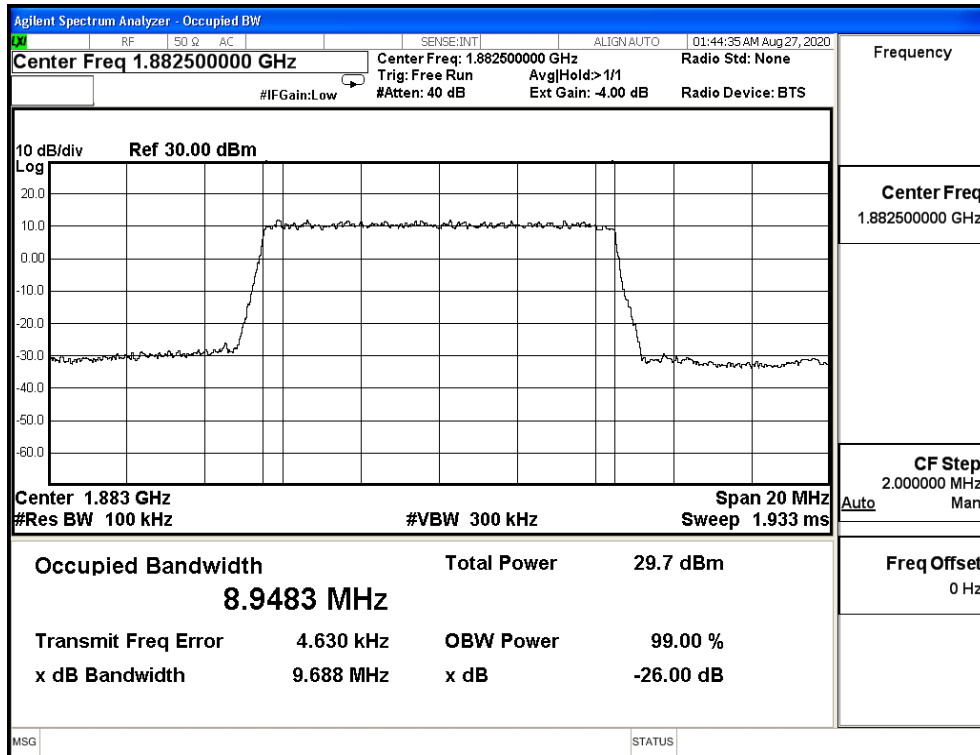
64QAM\_CH26665\_5M



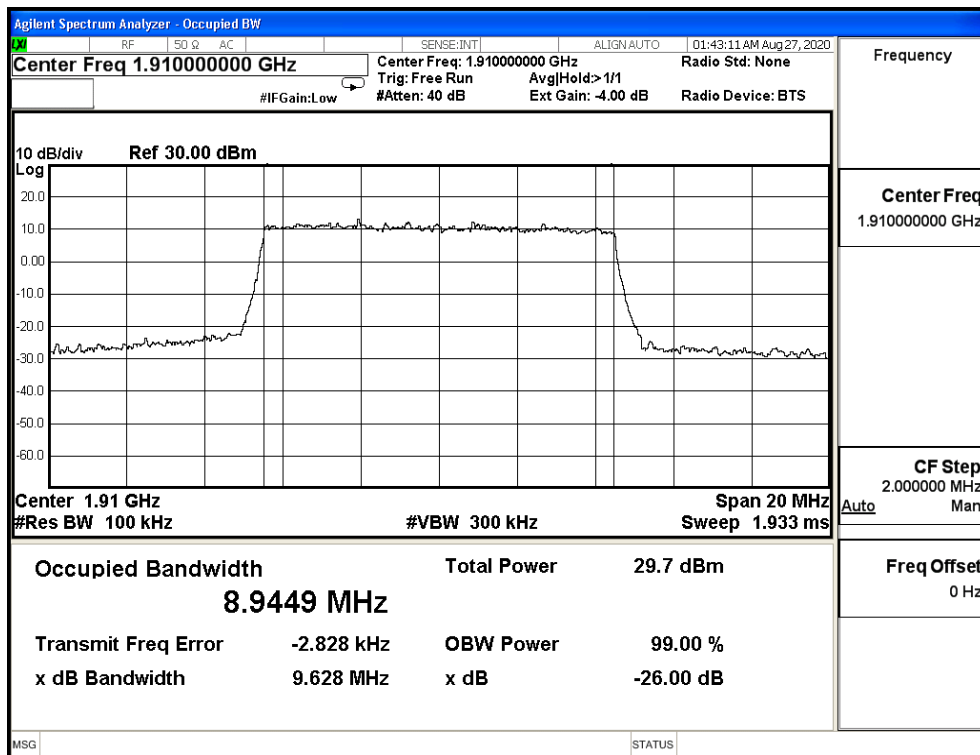
QPSK\_CH26090\_10M



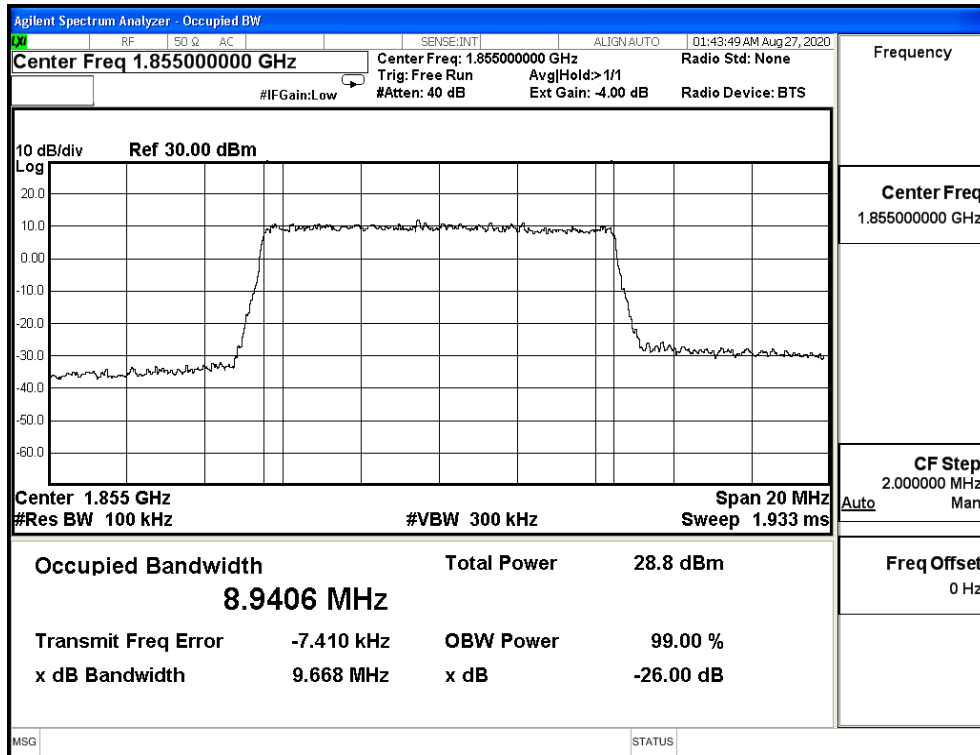
QPSK\_CH26365\_10M



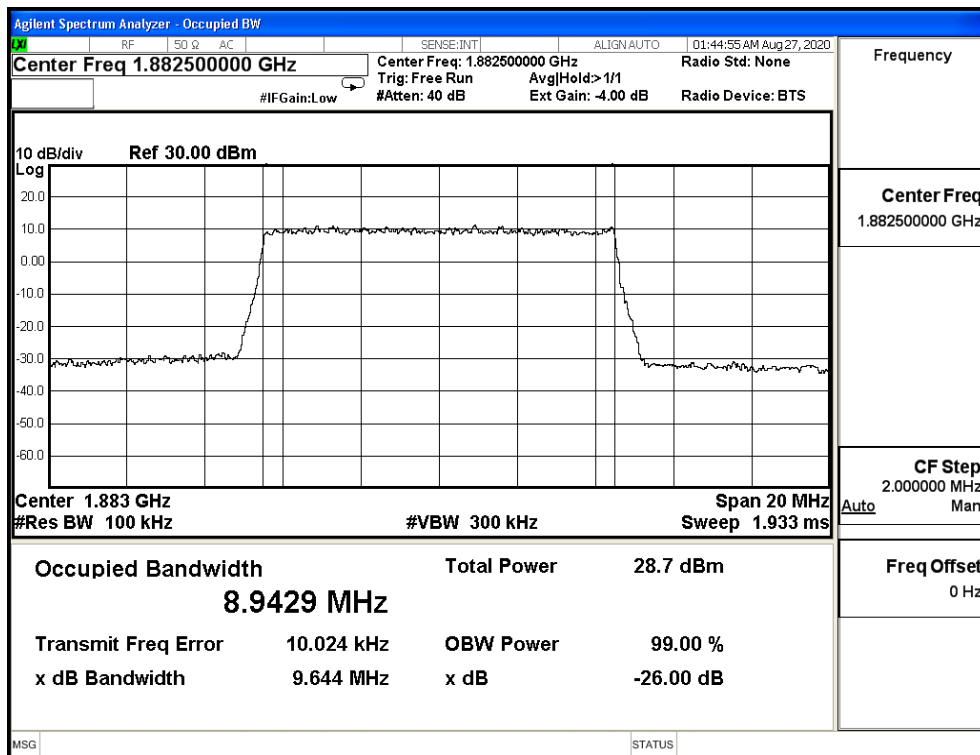
QPSK\_CH26640\_10M



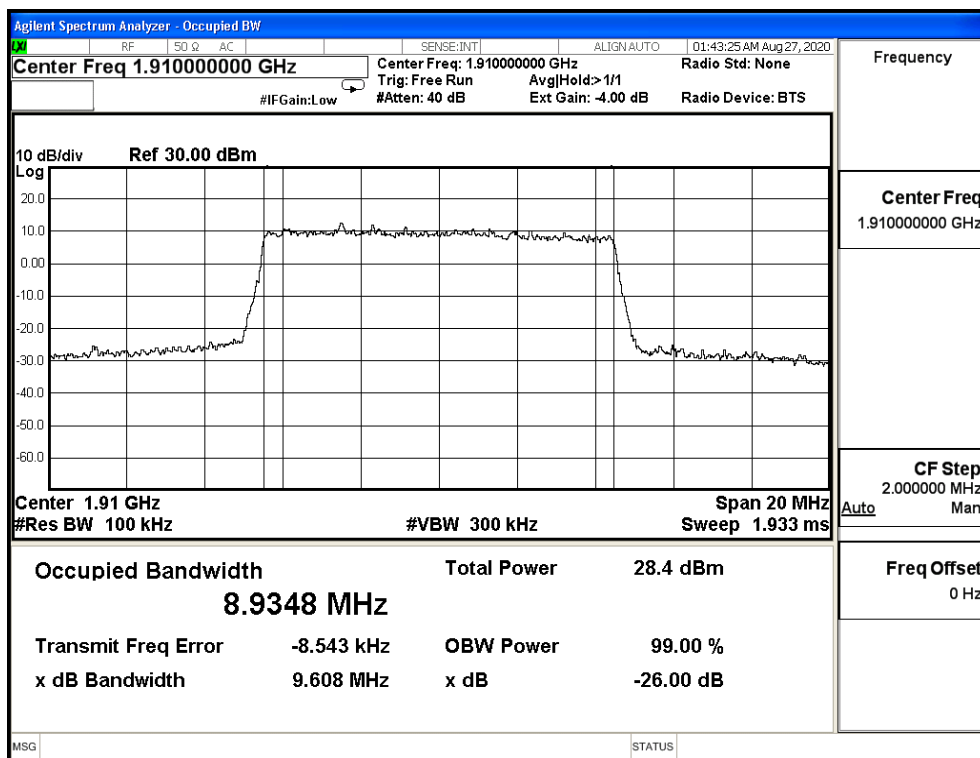
16QAM\_CH26090\_10M



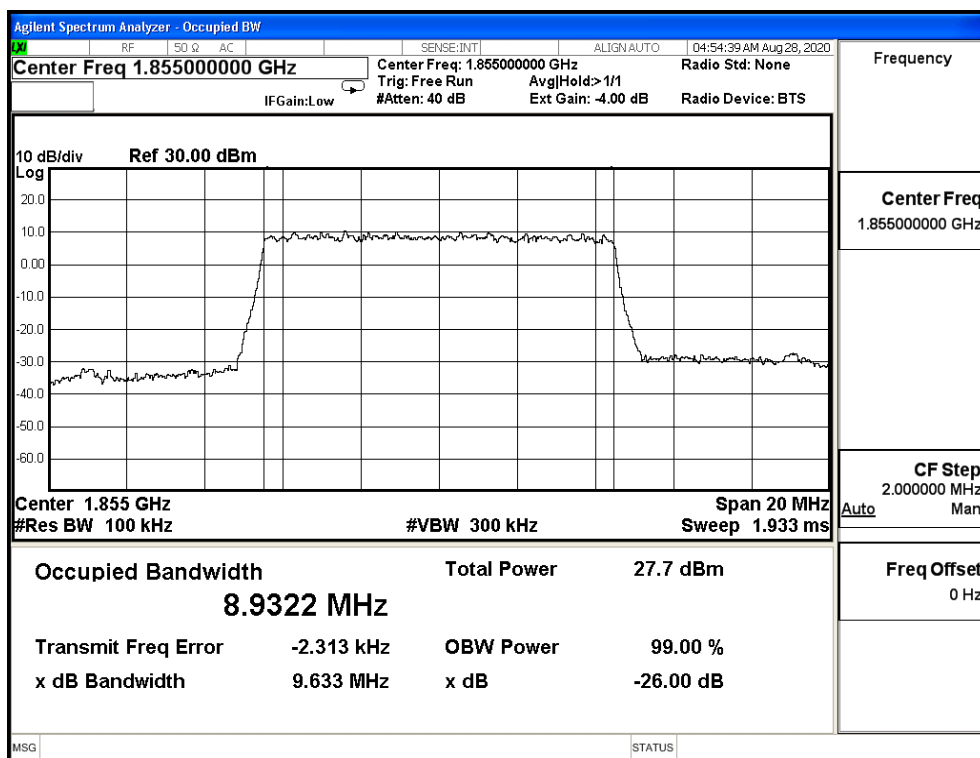
16QAM\_CH26365\_10M



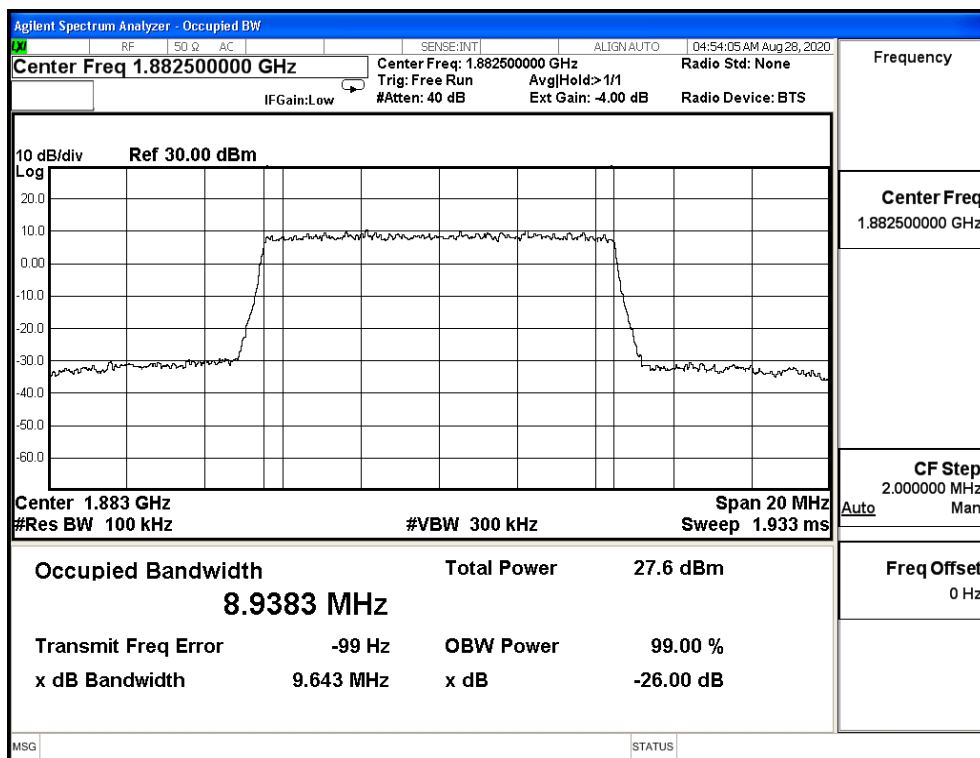
16QAM\_CH26640\_10M



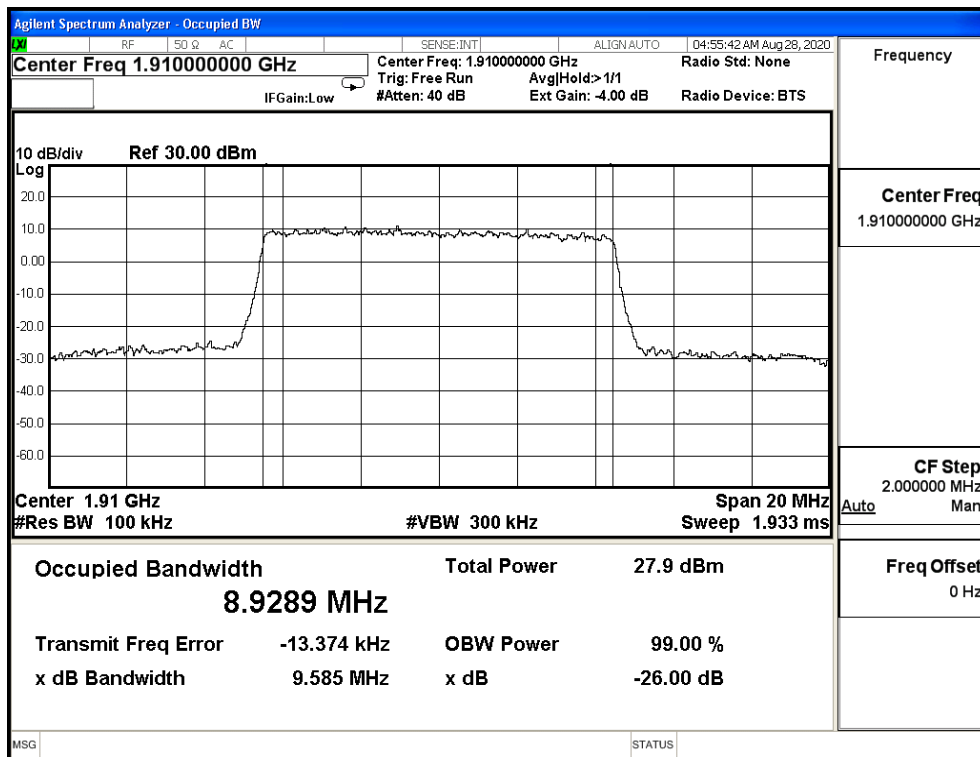
64QAM\_CH26090\_10M



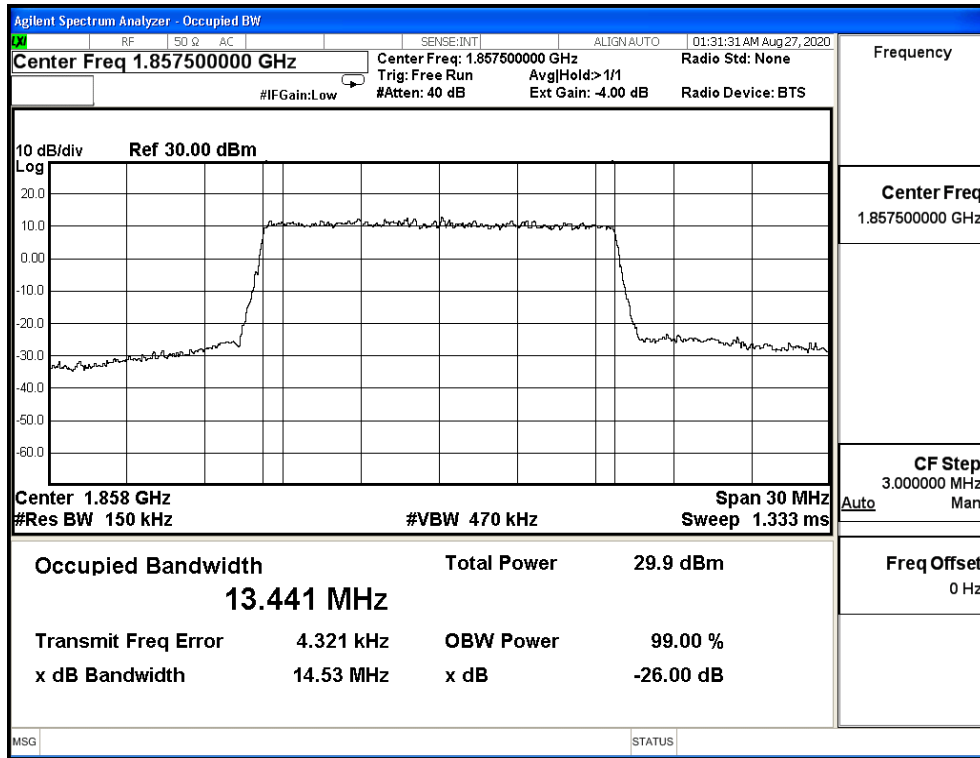
64QAM\_CH26365\_10M



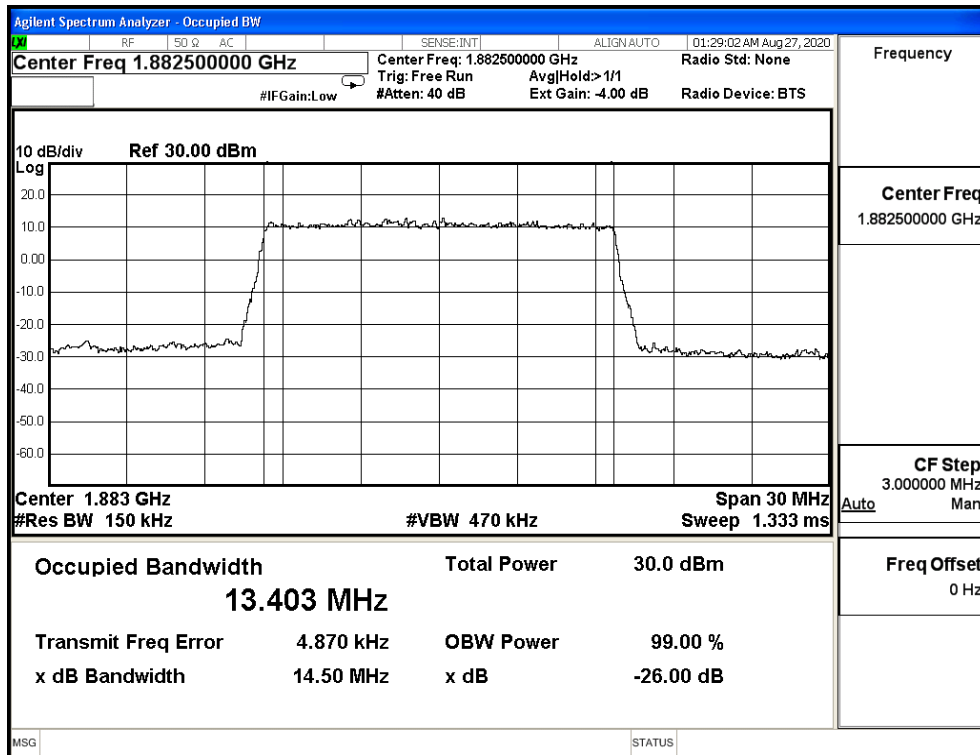
64QAM\_CH26640\_10M



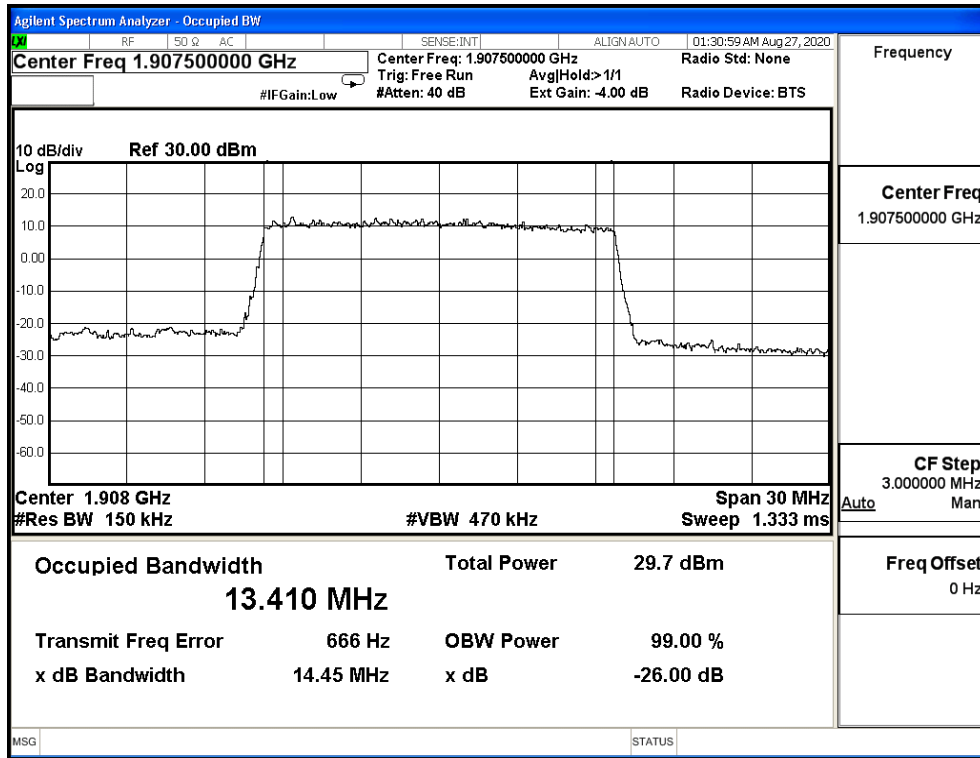
QPSK\_CH26115\_15M



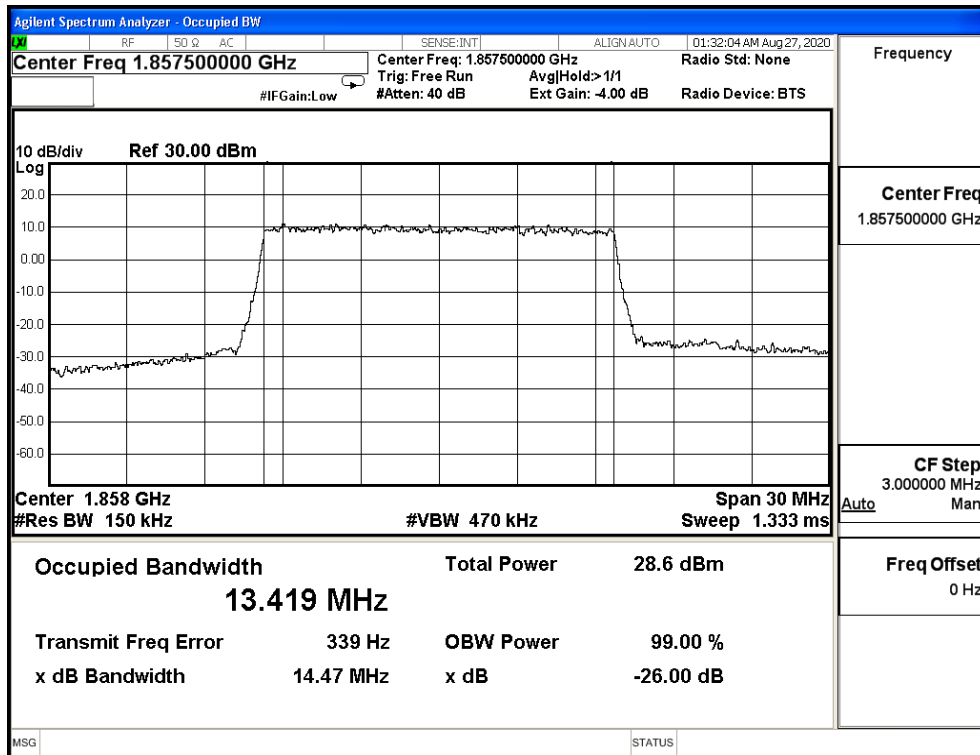
QPSK\_CH26365\_15M



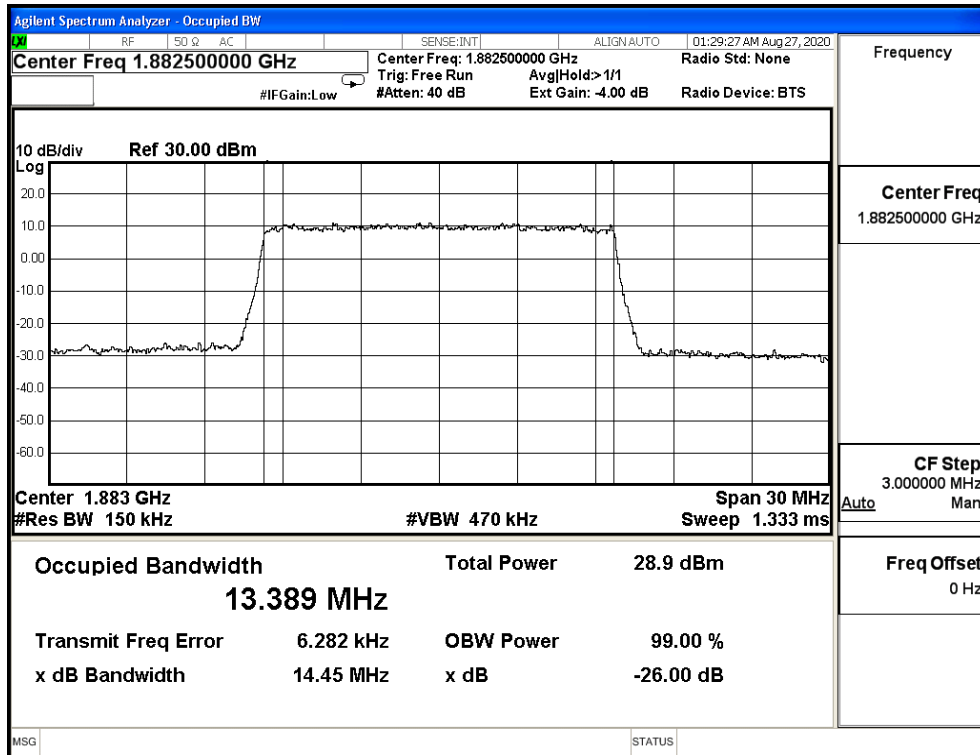
QPSK\_CH26615\_15M



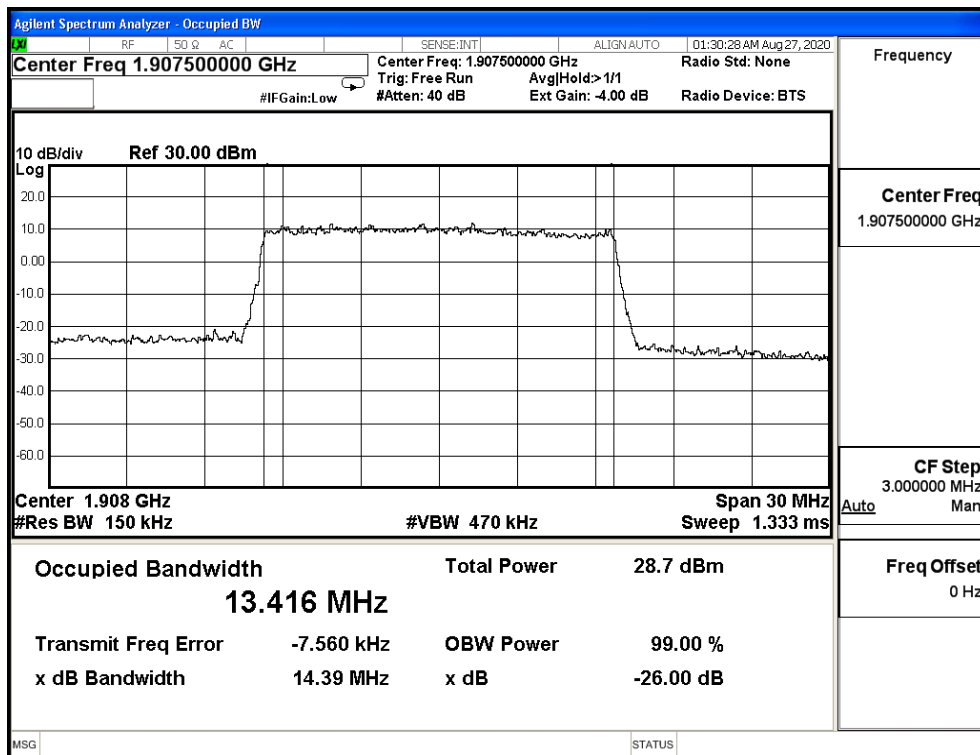
16QAM\_CH26115\_15M



16QAM\_CH26365\_15M

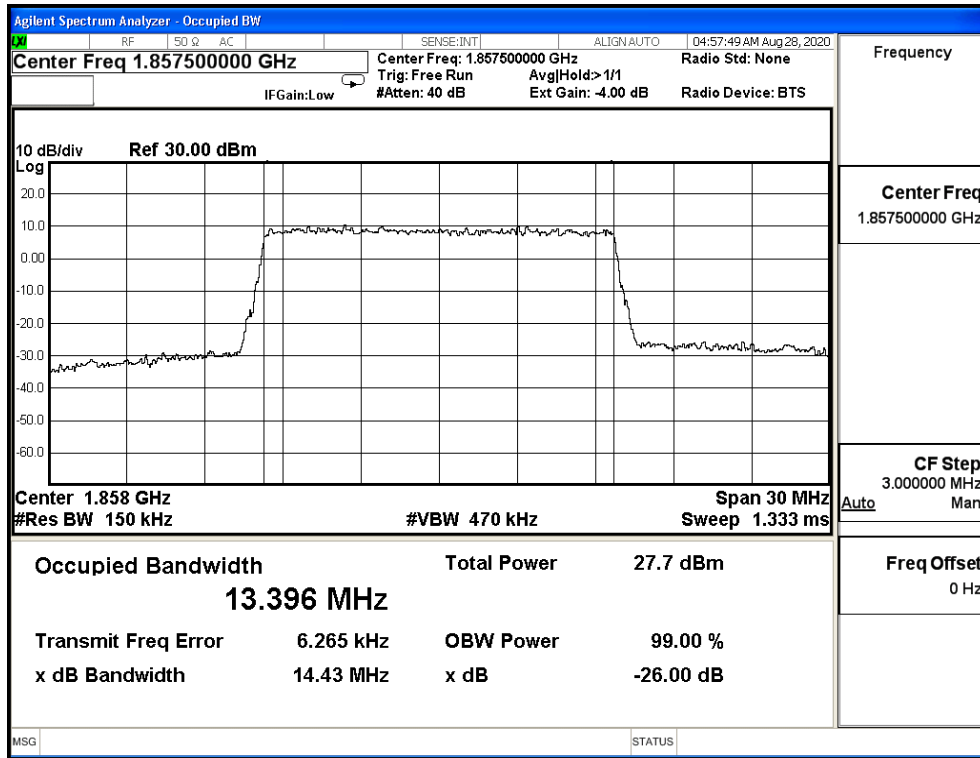


16QAM\_CH26615\_15M

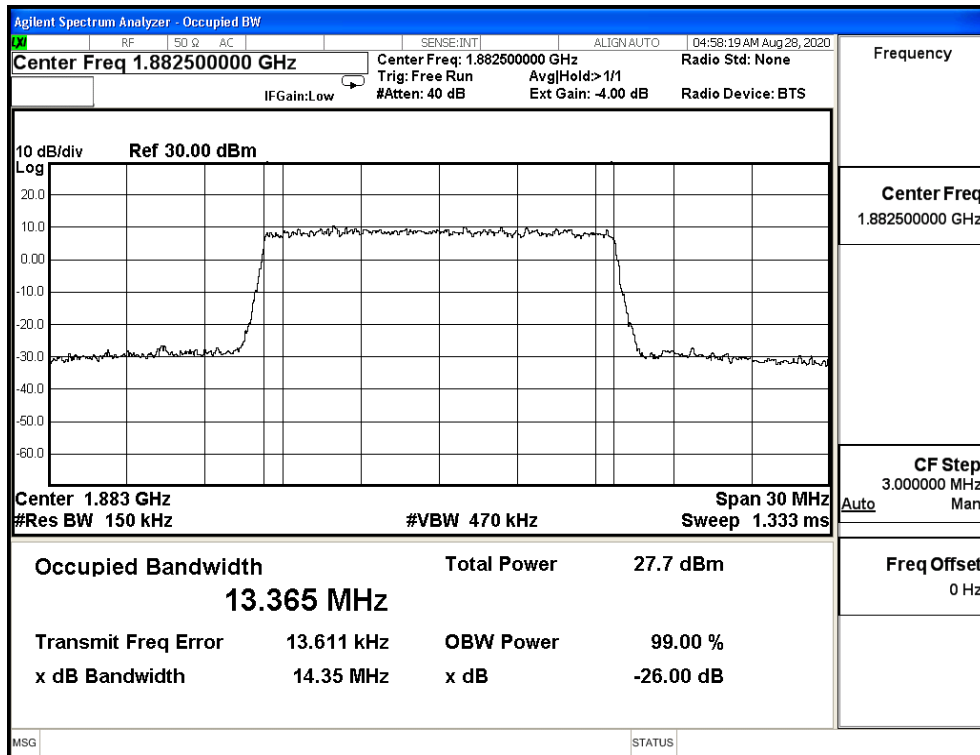




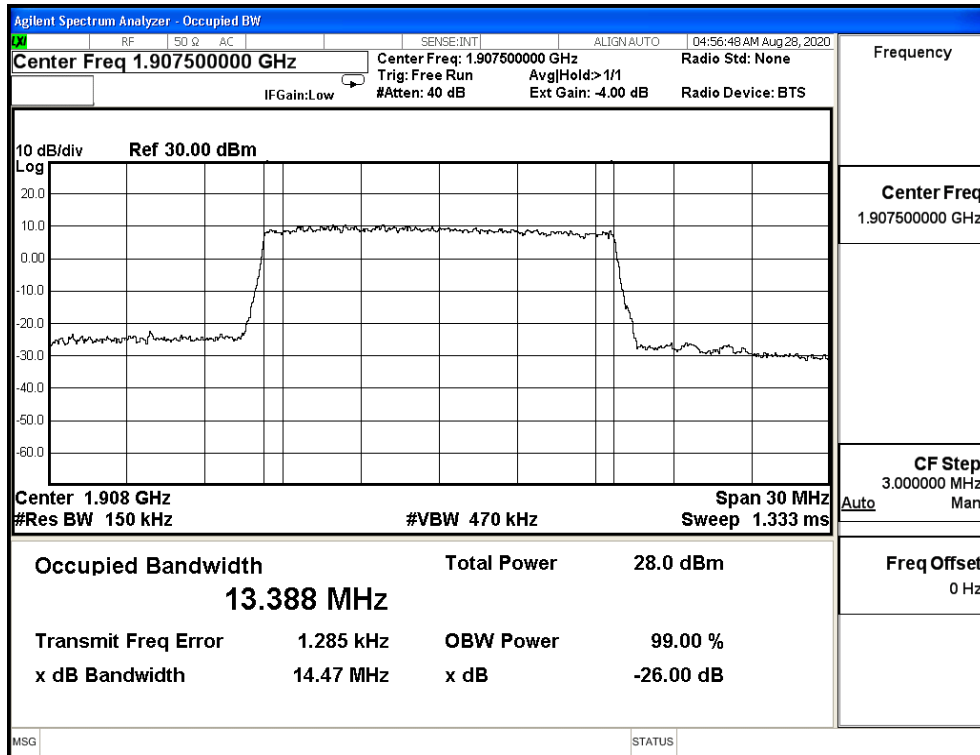
64QAM\_CH26115\_15M



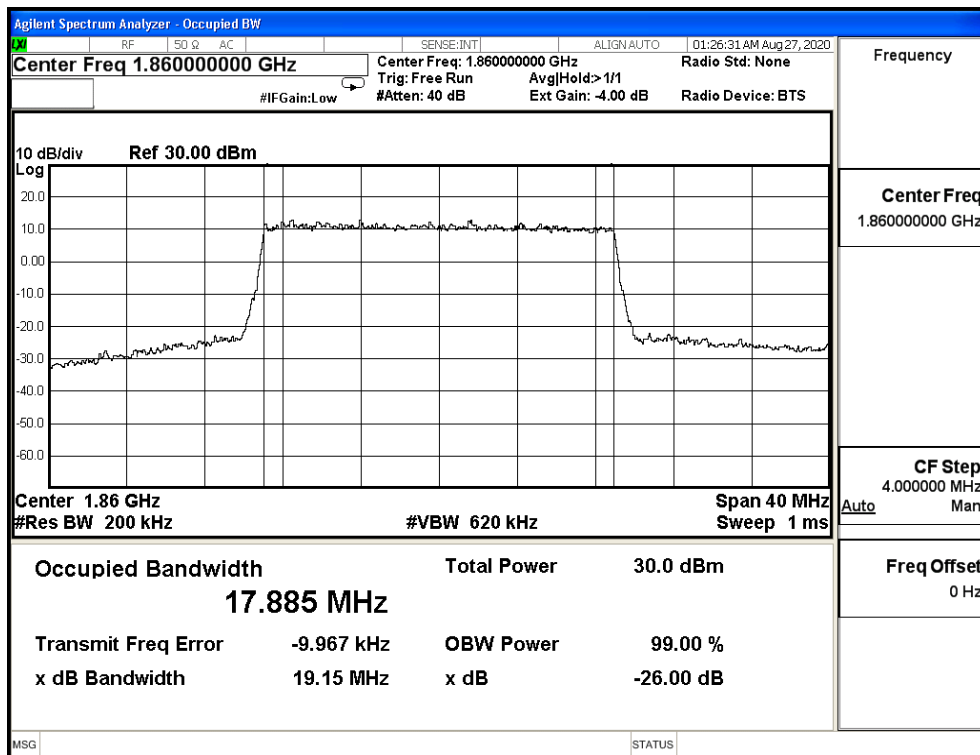
64QAM\_CH26365\_15M



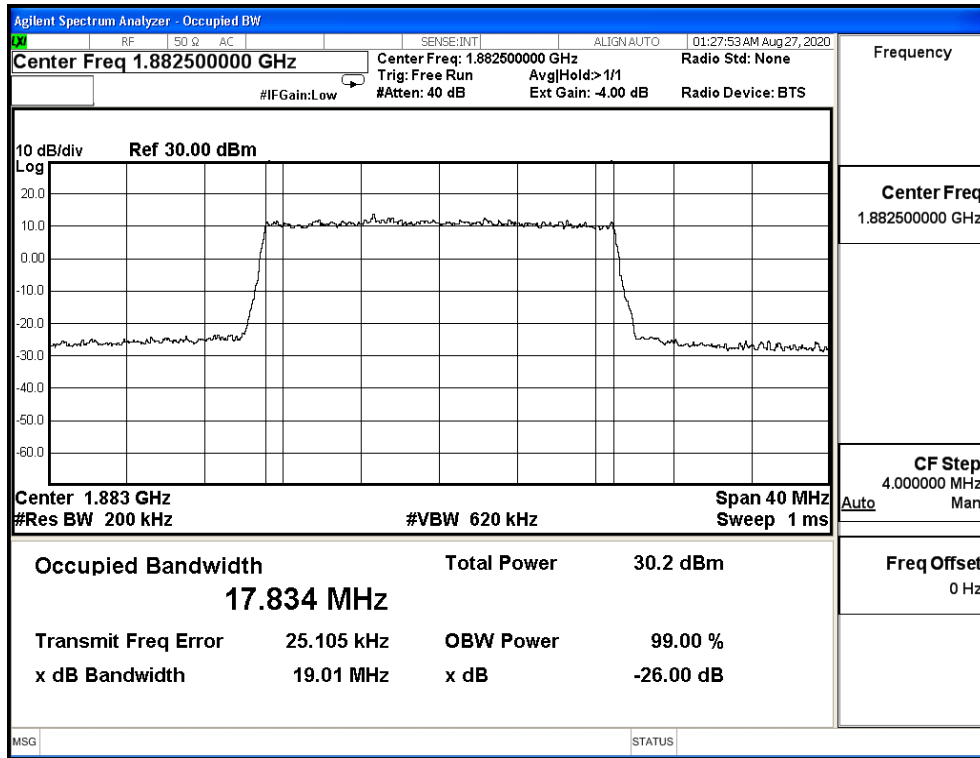
### 64QAM\_CH26615\_15M



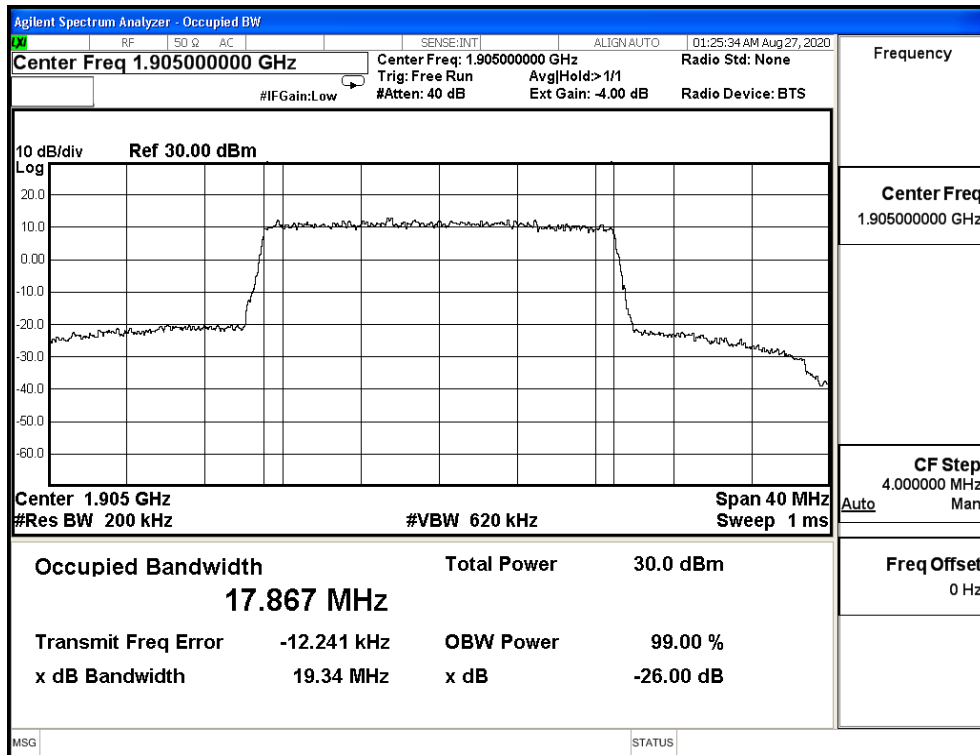
### QPSK\_CH26140\_20M



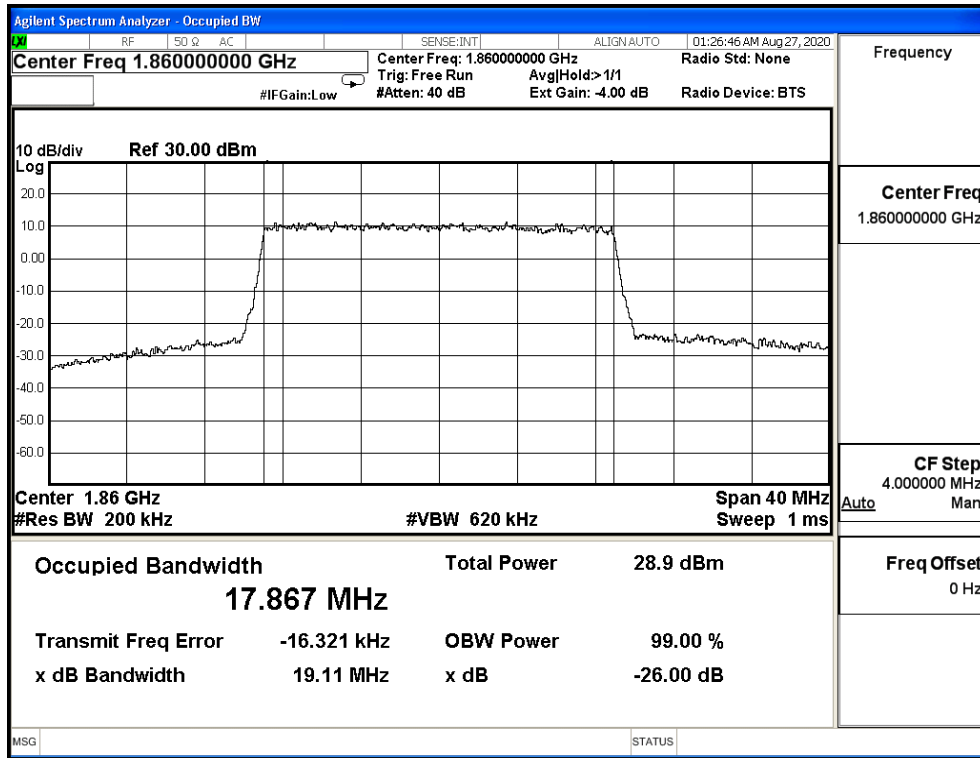
QPSK\_CH26365\_20M



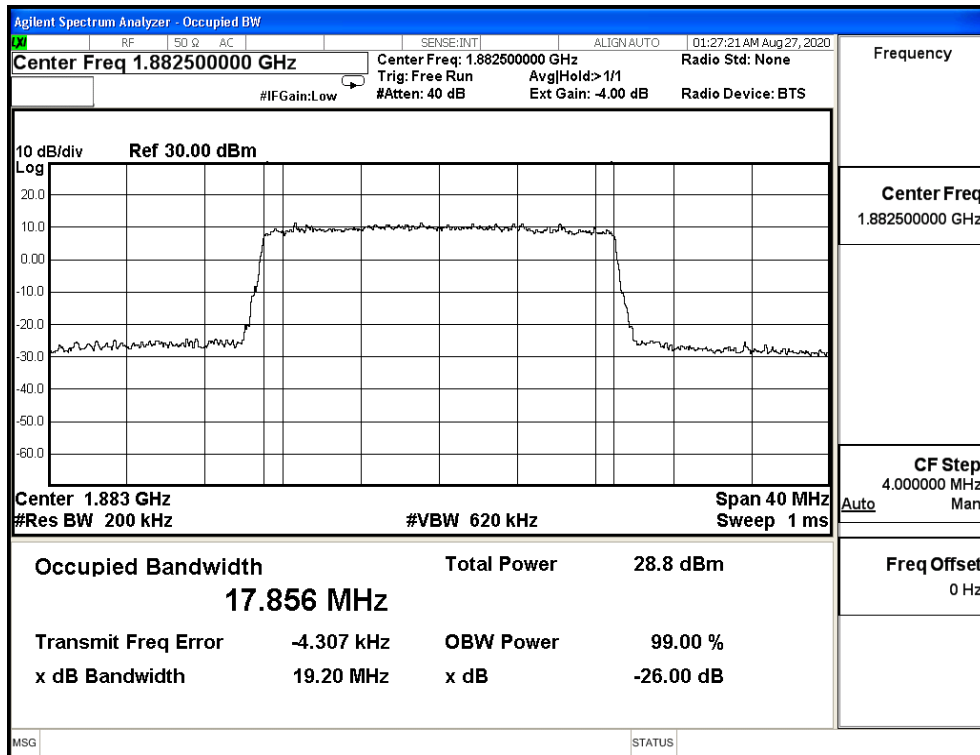
QPSK\_CH26590\_20M



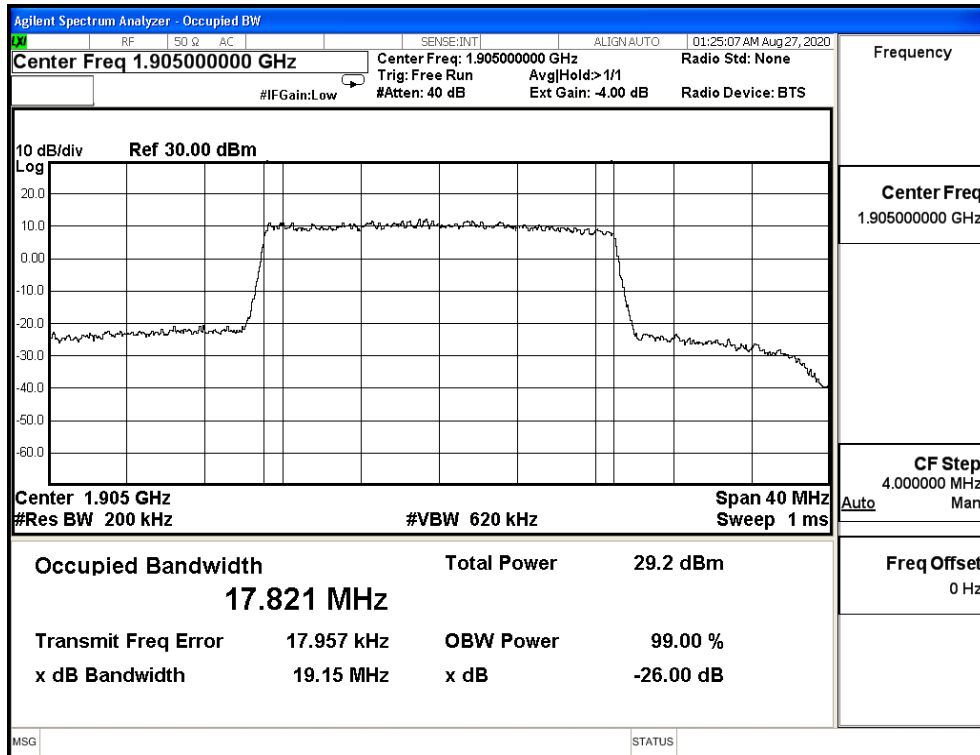
16QAM\_CH26140\_20M



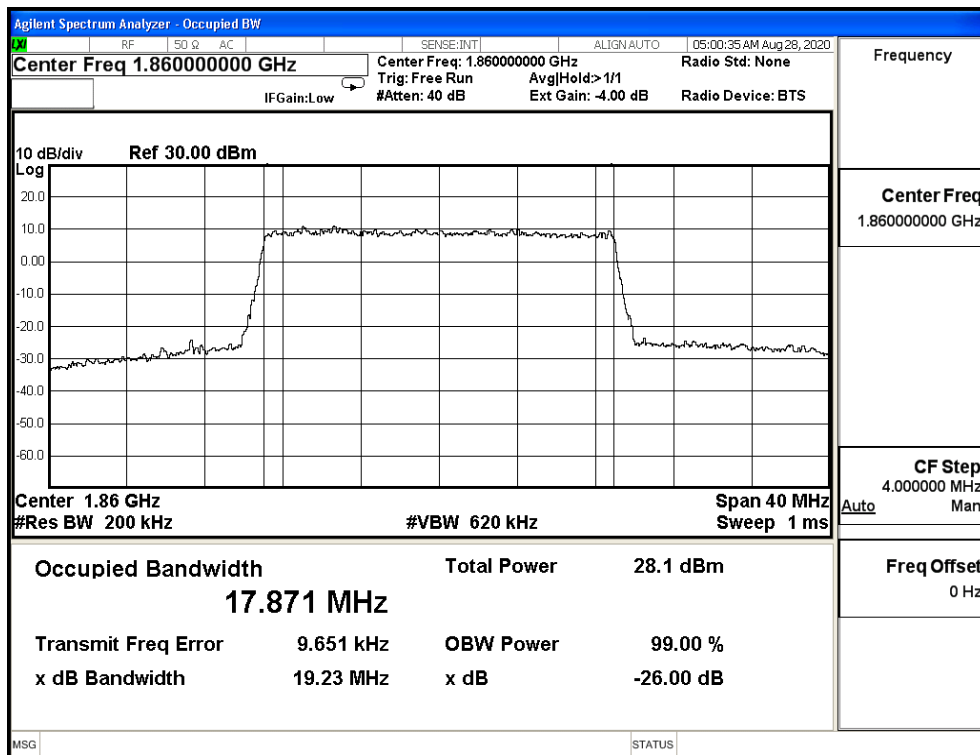
16QAM\_CH26365\_20M



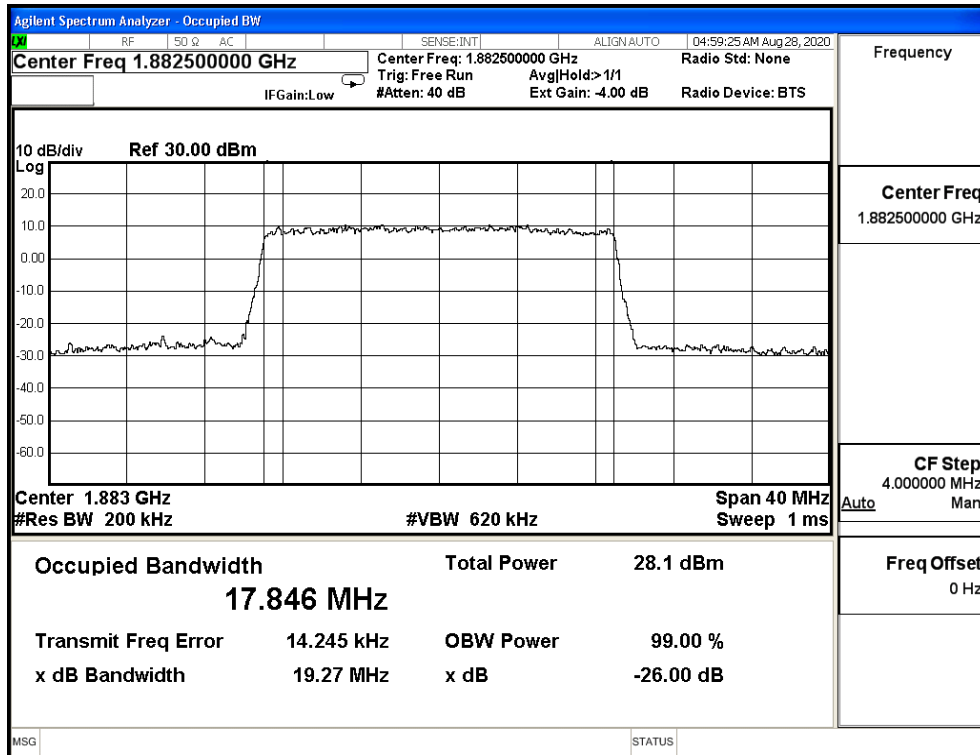
16QAM\_CH26590\_20M



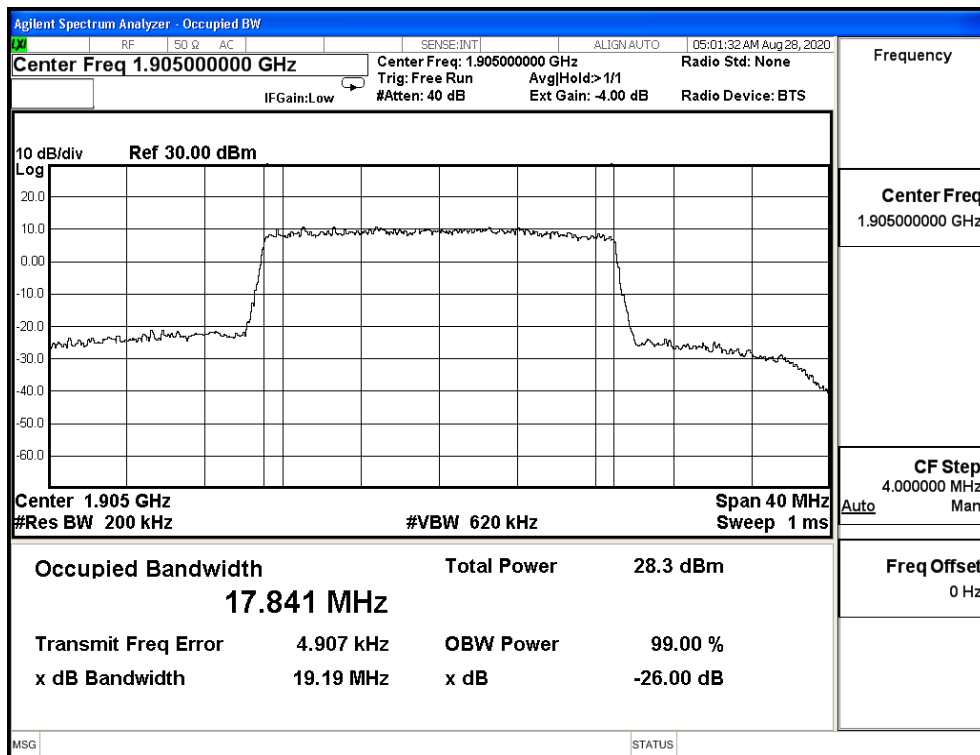
64QAM\_CH26140\_20M



64QAM\_CH26365\_20M



64QAM\_CH26590\_20M



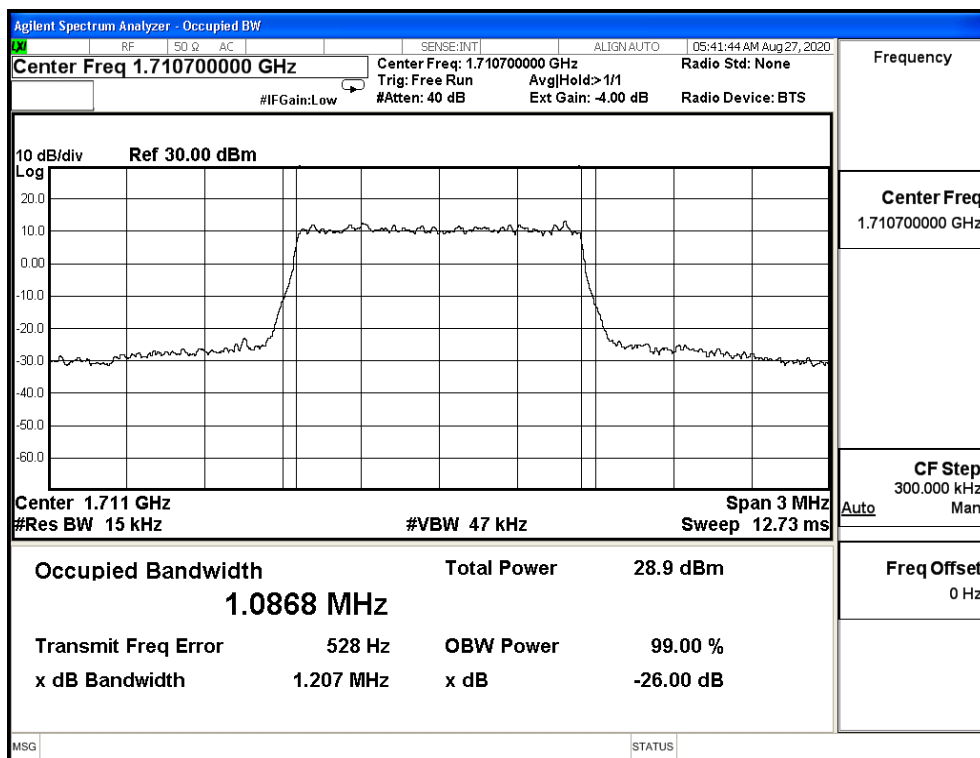
Product	Module		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: LTE Band 4/66		
Date of Test	2020/09/02	Test Site	SR12-H
Temperature(°C)	24	Humidity (%RH)	60

Bandwidth (MHz)	Modulation	Frequency (MHz)	Measure Level (MHz)		Limit (MHz)
			26dB BW	99% BW	
1.4M	QPSK	1710.7	1.207	1.087	N/A
		1745	1.218	1.080	N/A
		1779.3	1.216	1.080	N/A
	16-QAM	1710.7	1.226	1.082	N/A
		1745	1.223	1.082	N/A
		1779.3	1.203	1.079	N/A
	64-QAM	1710.7	1.214	1.080	N/A
		1745	1.212	1.079	N/A
		1779.3	1.214	1.079	N/A
3M	QPSK	1711.5	2.926	2.694	N/A
		1745	2.916	2.685	N/A
		1778.5	2.950	2.688	N/A
	16-QAM	1711.5	2.934	2.685	N/A
		1745	2.955	2.684	N/A
		1778.5	2.946	2.682	N/A
	64-QAM	1711.5	2.917	2.682	N/A
		1745	2.908	2.683	N/A
		1778.5	2.912	2.684	N/A
5M	QPSK	1712.5	4.908	4.490	N/A
		1745	4.876	4.481	N/A
		1777.5	4.893	4.469	N/A
	16-QAM	1712.5	4.880	4.473	N/A
		1745	4.894	4.481	N/A
		1777.5	4.904	4.475	N/A
	64-QAM	1712.5	4.878	4.486	N/A
		1745	4.893	4.483	N/A
		1777.5	4.889	4.483	N/A

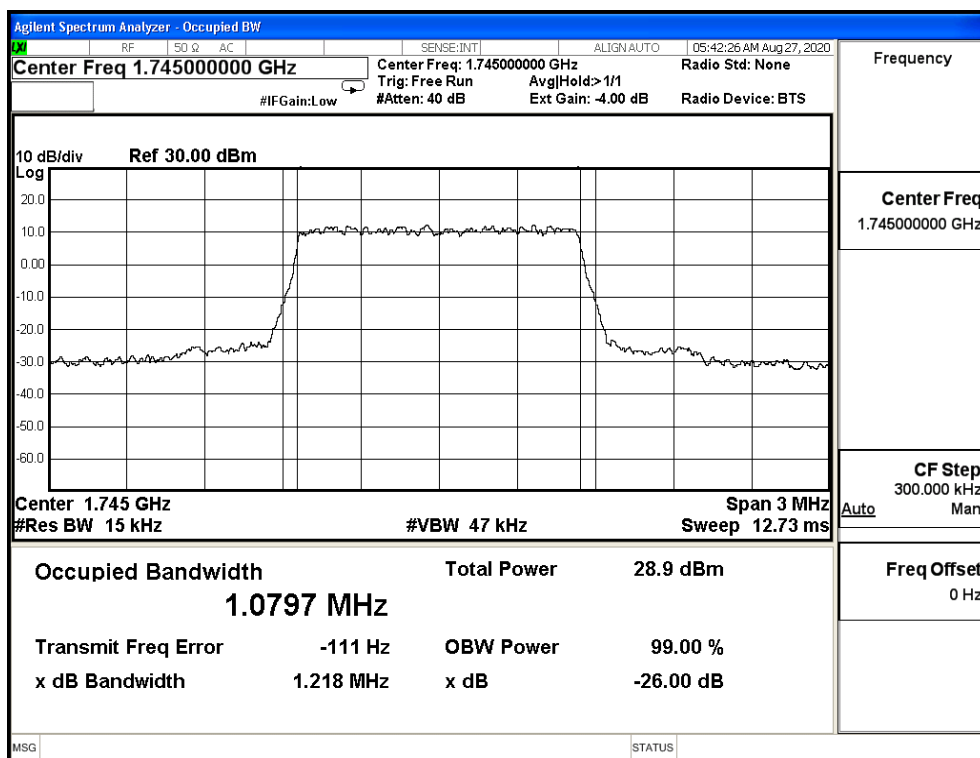
Bandwidth (MHz)	Modulation	Frequency (MHz)	Measure Level (MHz)		Limit (MHz)
			26dB BW	99% BW	
10M	QPSK	1715	9.642	8.950	N/A
		1745	9.701	8.960	N/A
		1775	9.600	8.950	N/A
	16-QAM	1715	9.655	8.949	N/A
		1745	9.610	8.952	N/A
		1775	9.639	8.945	N/A
	64-QAM	1715	9.642	8.937	N/A
		1745	9.641	8.942	N/A
		1775	9.652	8.940	N/A
15M	QPSK	1717.5	14.550	13.437	N/A
		1745	14.510	13.418	N/A
		1772.5	14.400	13.399	N/A
	16-QAM	1717.5	14.510	13.424	N/A
		1745	14.340	13.415	N/A
		1772.5	14.400	13.412	N/A
	64-QAM	1717.5	14.510	13.393	N/A
		1745	14.510	13.383	N/A
		1772.5	14.490	13.395	N/A
20M	QPSK	1720	19.080	17.850	N/A
		1745	19.400	17.911	N/A
		1770	19.060	17.853	N/A
	16-QAM	1720	19.150	17.903	N/A
		1745	19.220	17.879	N/A
		1770	19.170	17.877	N/A
	64-QAM	1720	19.230	17.857	N/A
		1745	19.280	17.878	N/A
		1770	19.230	17.872	N/A



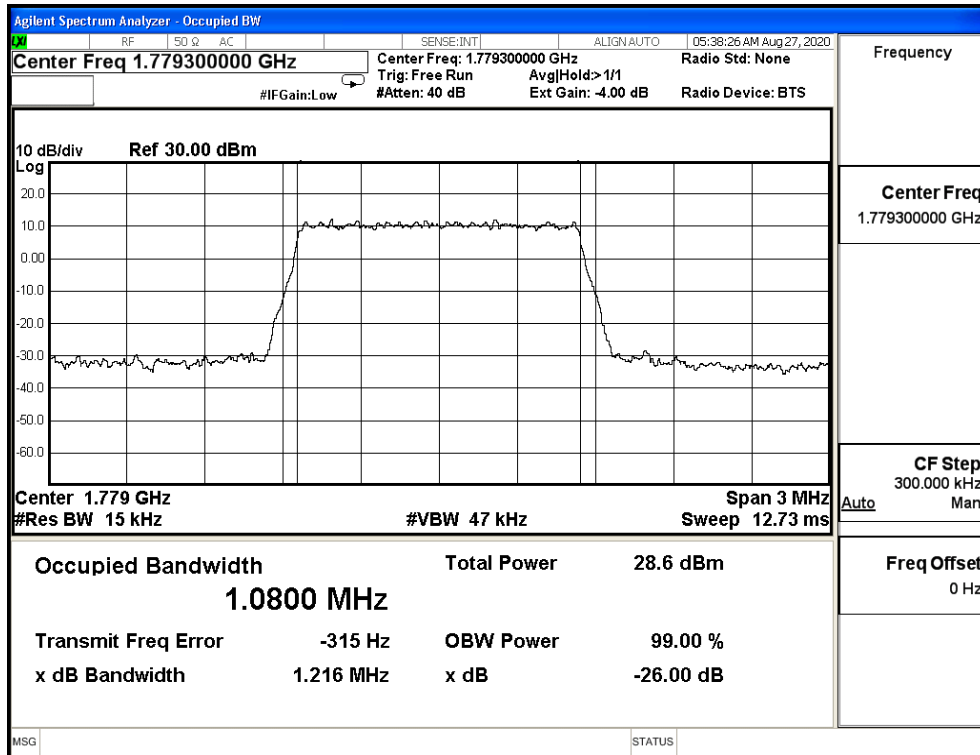
QPSK\_CH131979\_ 1.4M



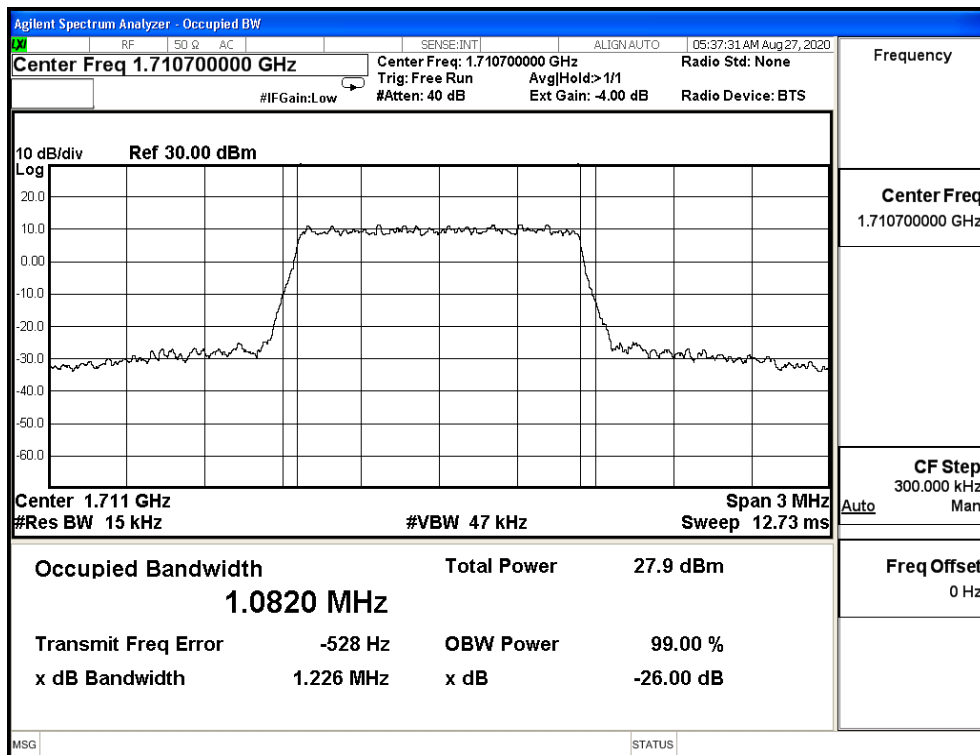
QPSK\_CH132322\_ 1.4M



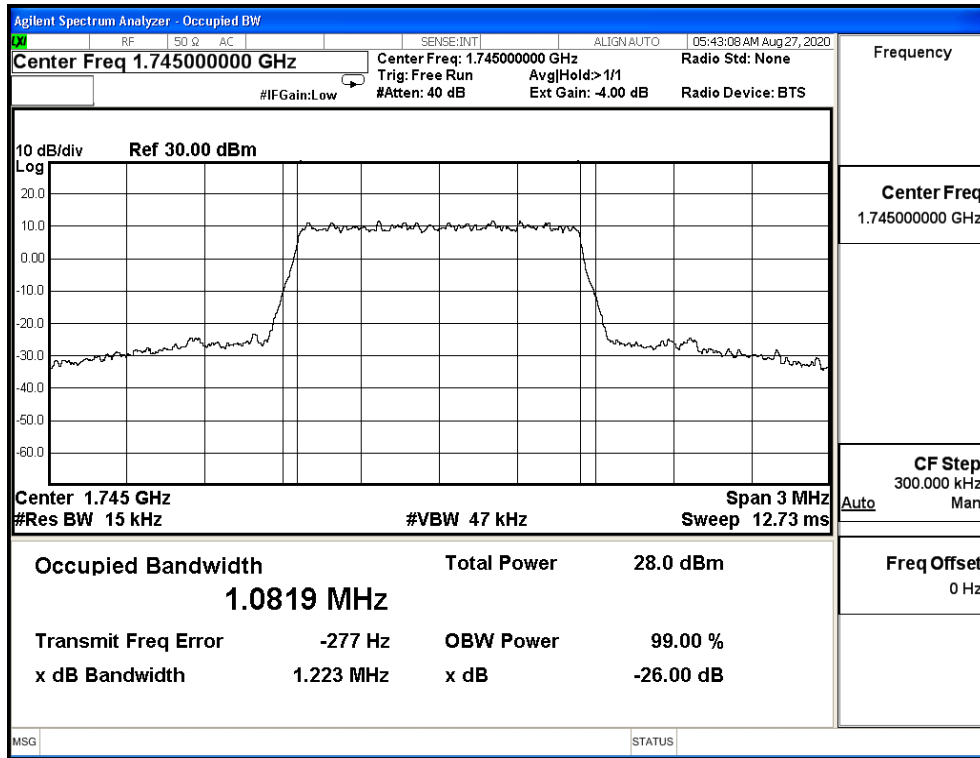
QPSK\_CH132665\_ 1.4M



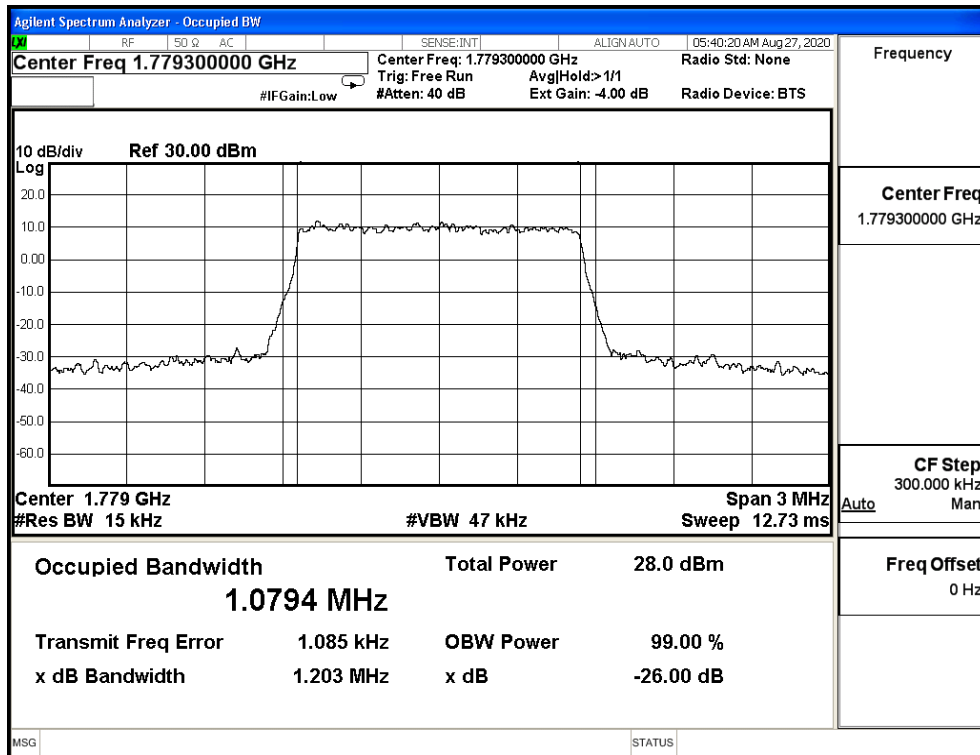
16QAM\_CH131979\_ 1.4M



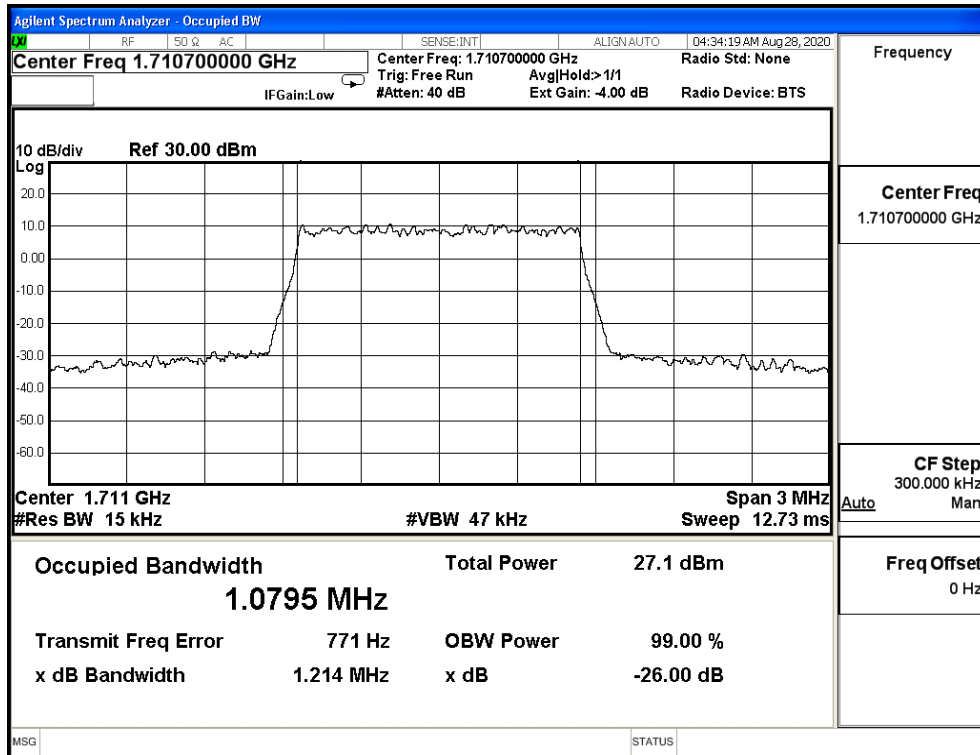
16QAM\_CH132322\_ 1.4M



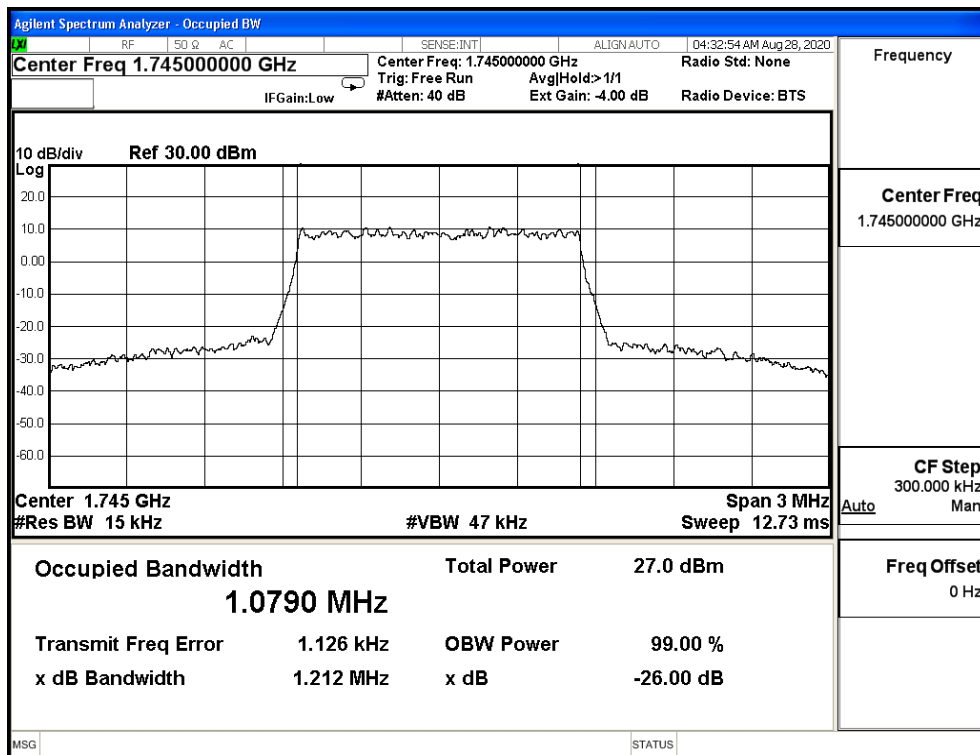
16QAM\_CH132665\_ 1.4M



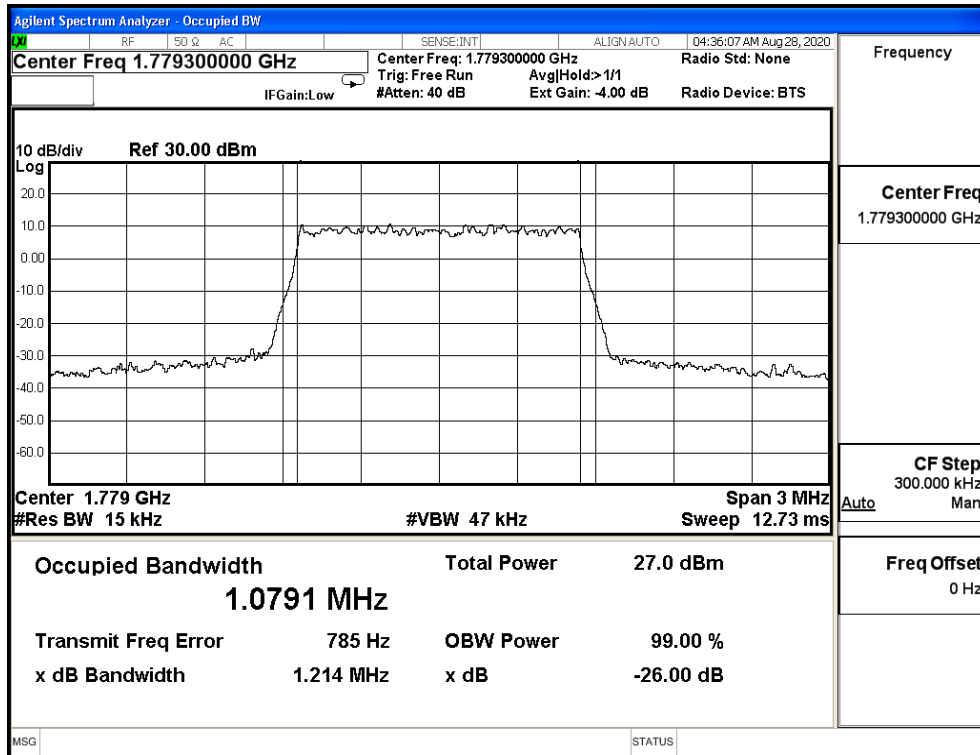
64QAM\_CH131979\_ 1.4M



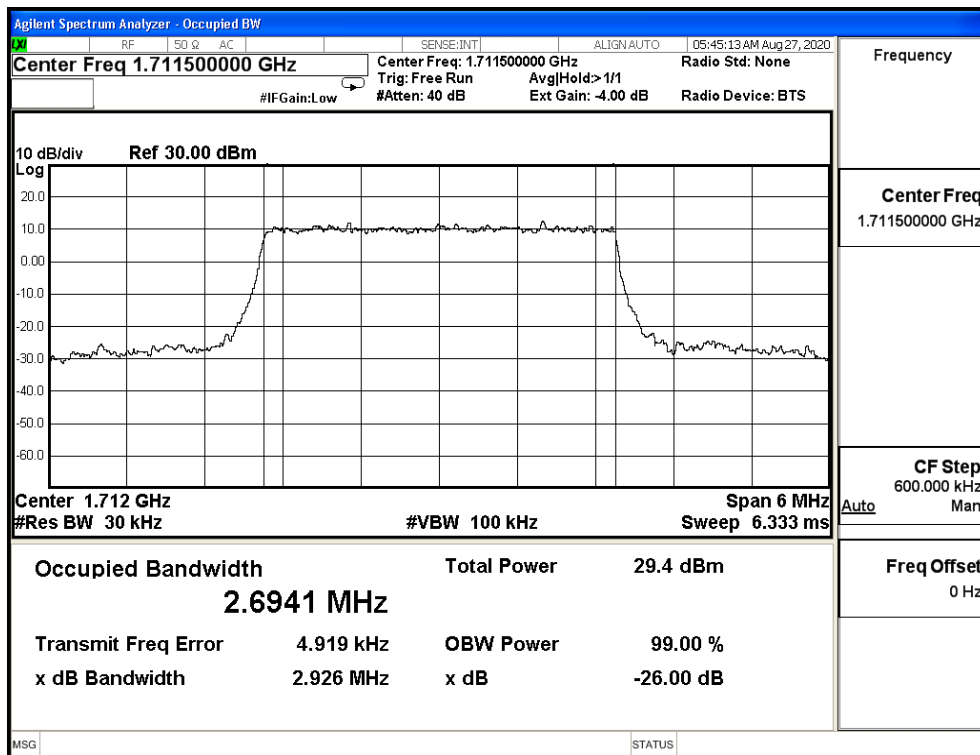
64QAM\_CH132322\_ 1.4M



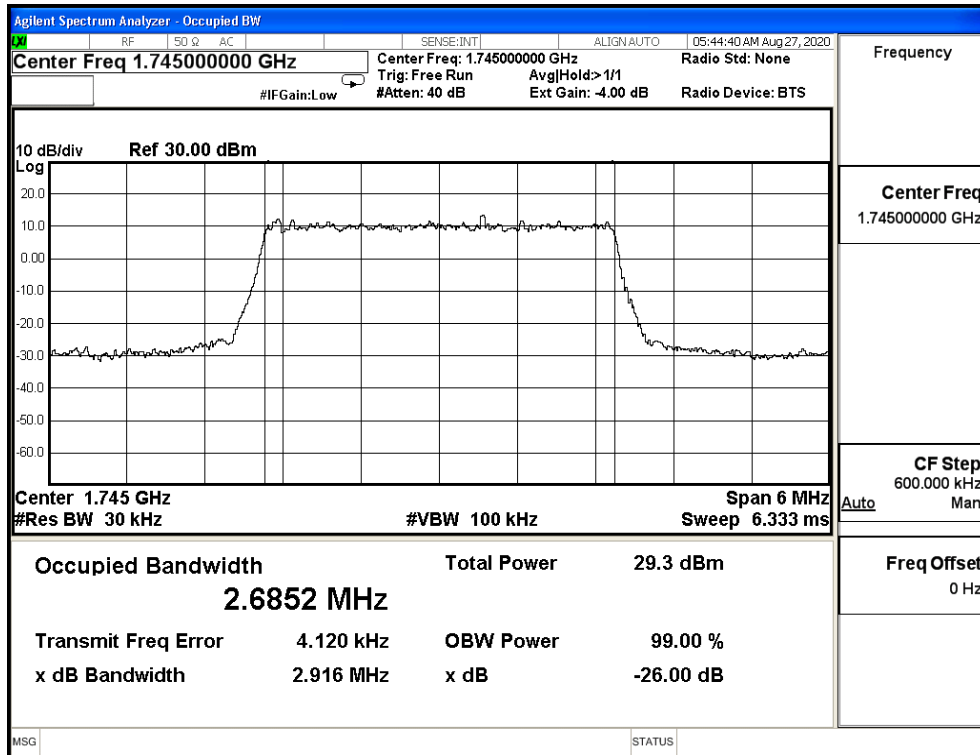
64QAM\_CH132665\_1.4M



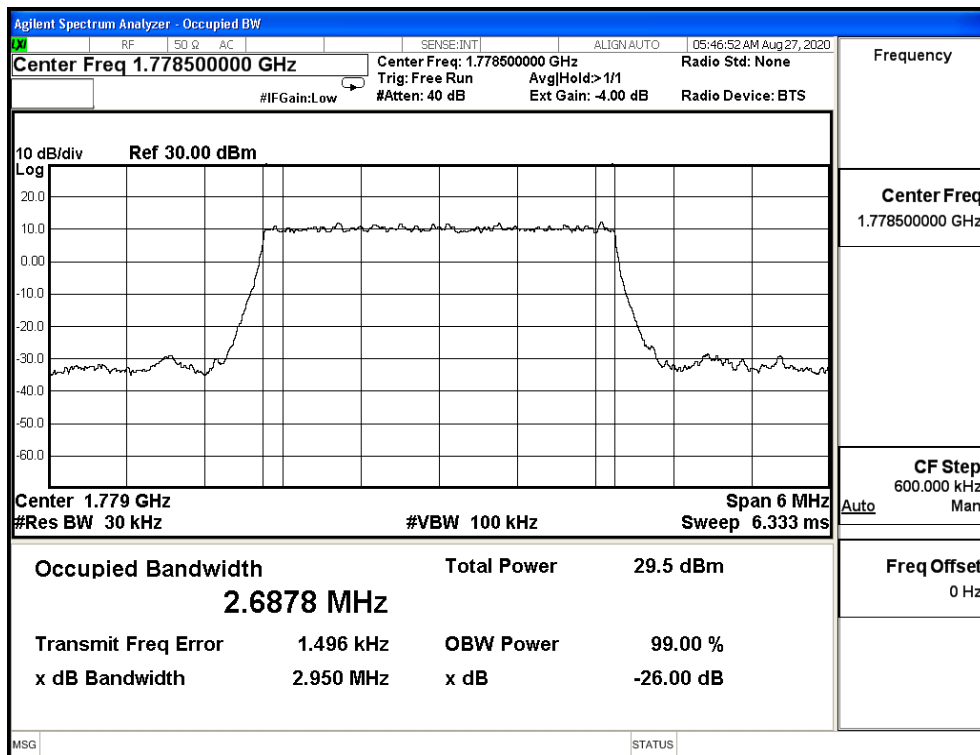
QPSK\_CH131987\_3M



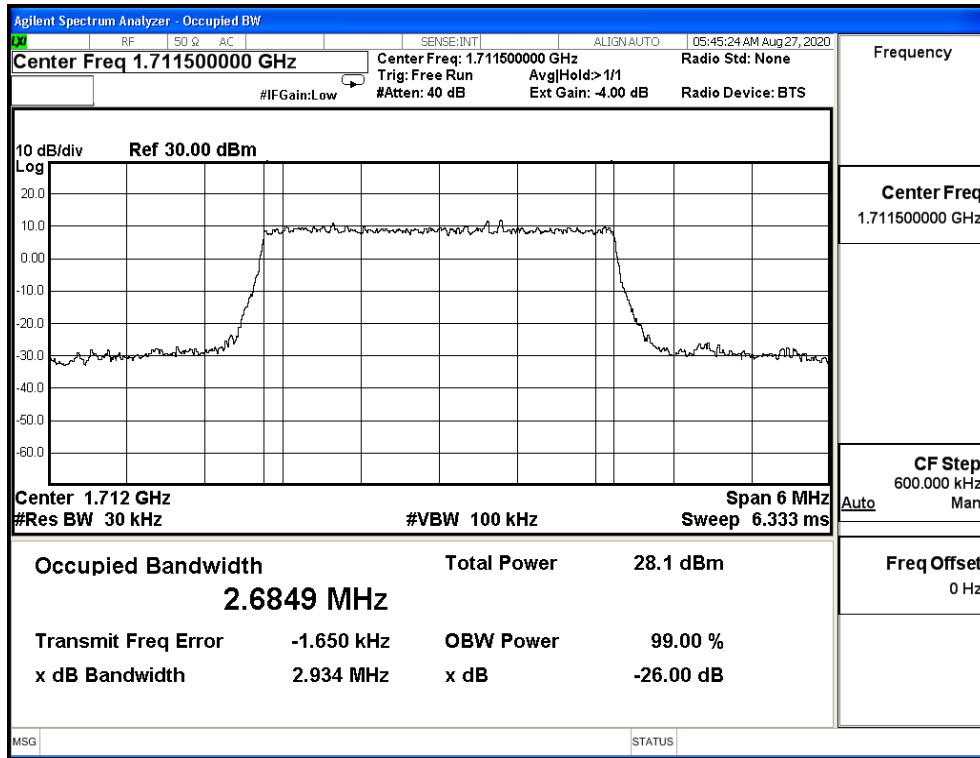
QPSK\_CH132322\_3M



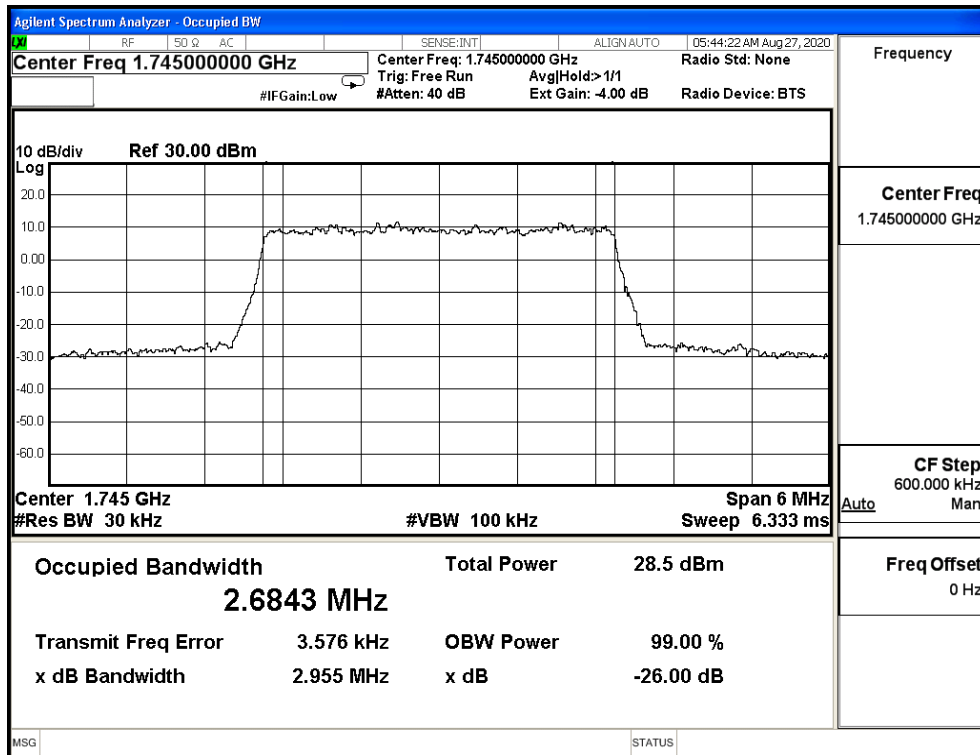
QPSK\_CH132657\_3M



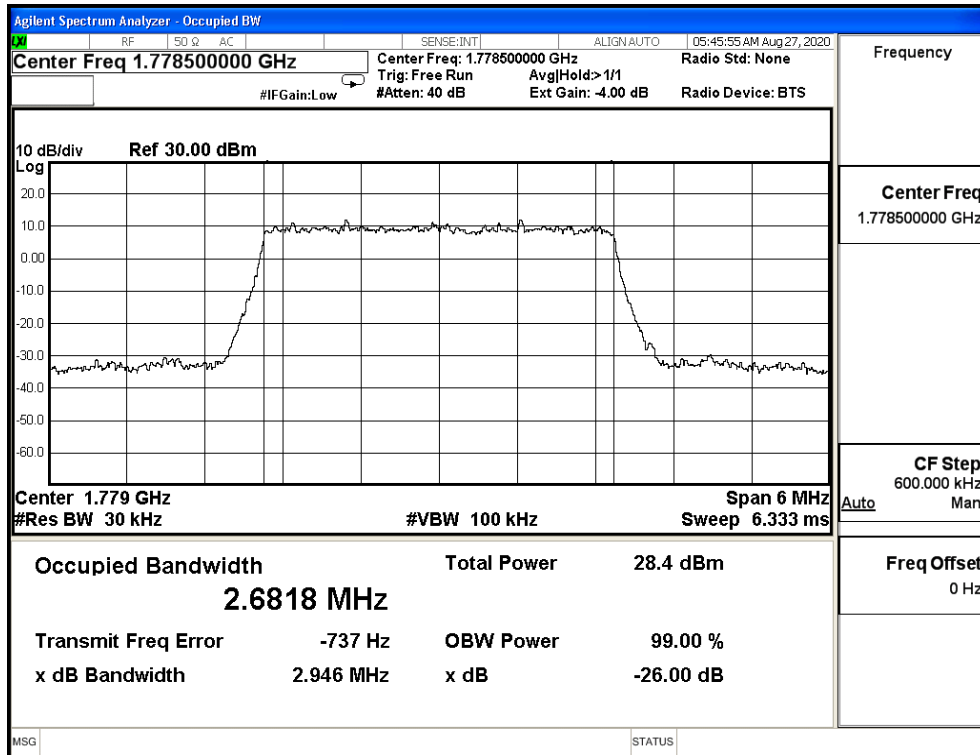
16QAM\_CH131987\_3M



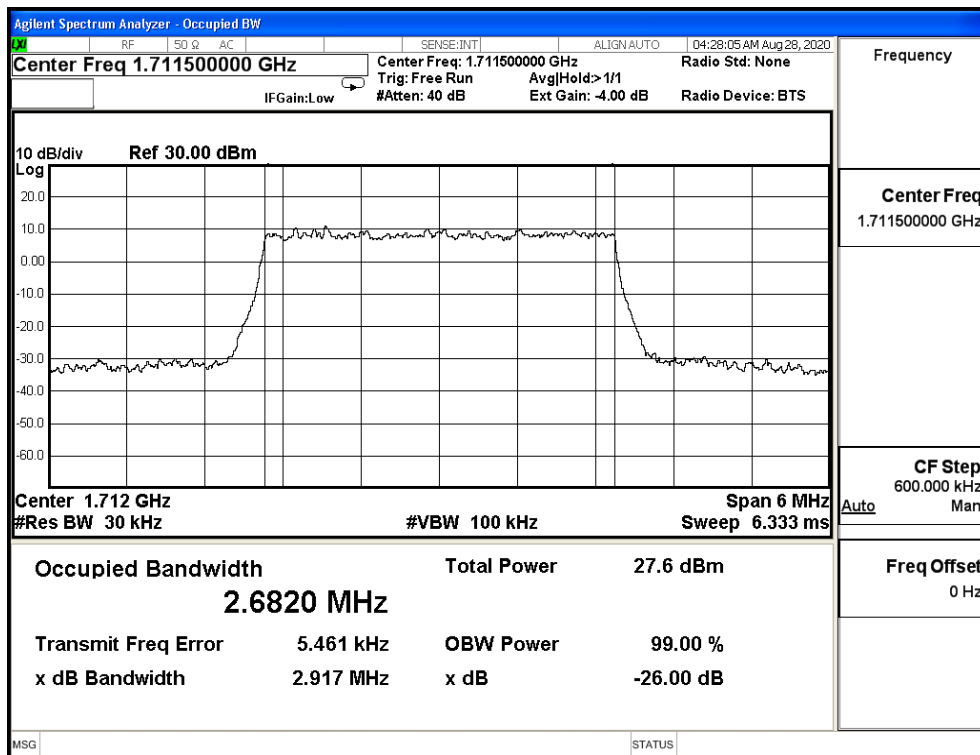
16QAM\_CH132322\_3M



16QAM\_CH132657\_3M

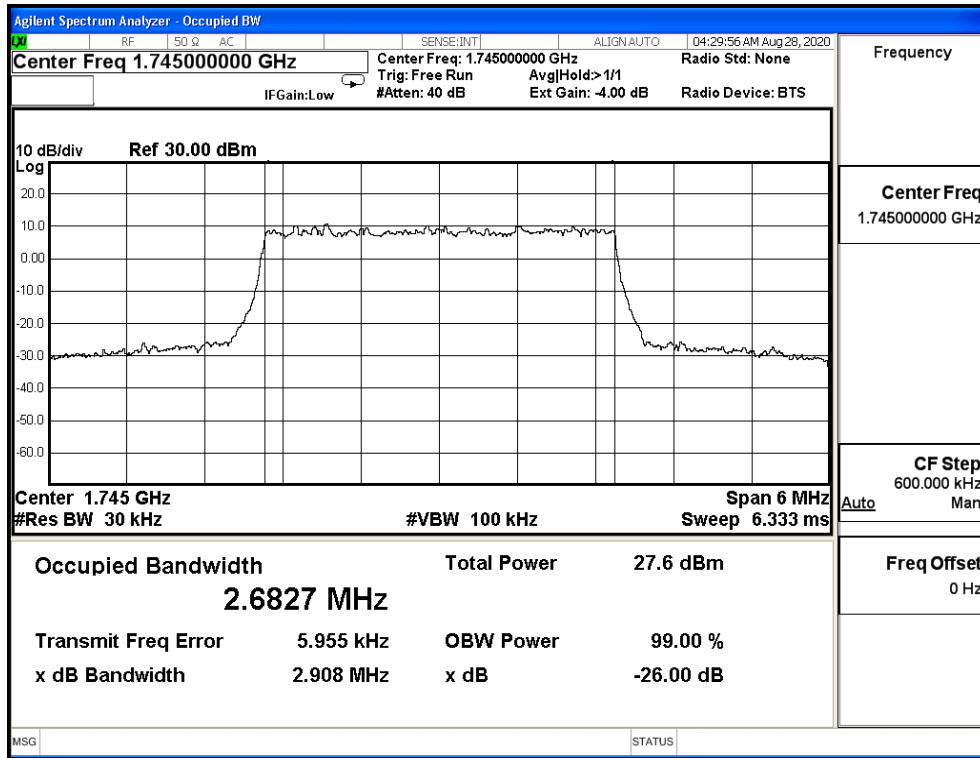


64QAM\_CH131987\_3M

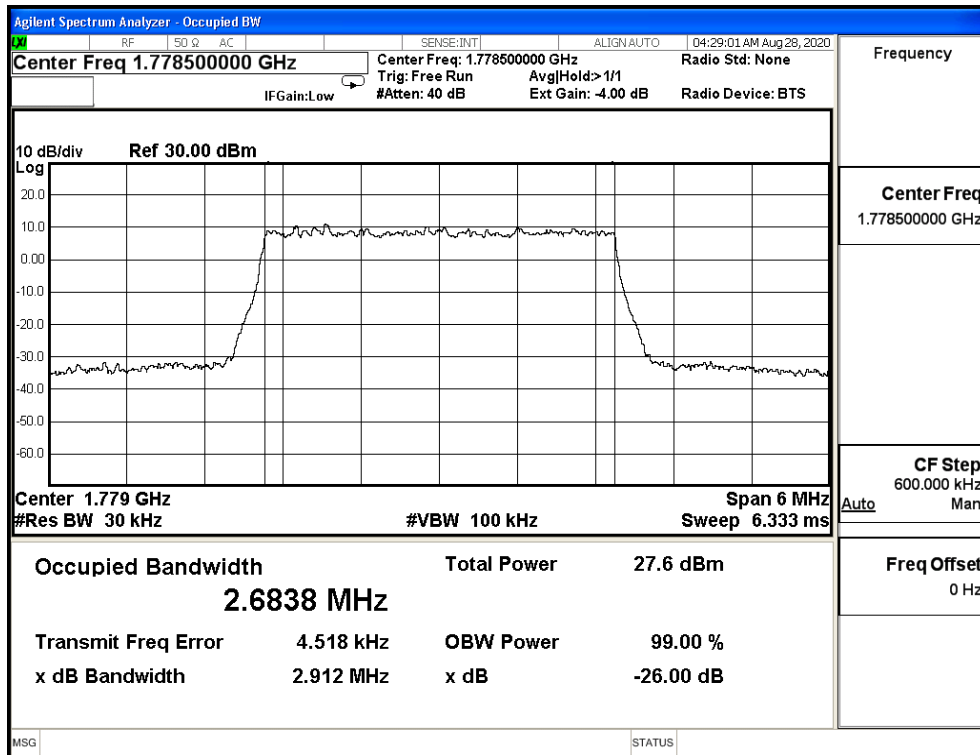




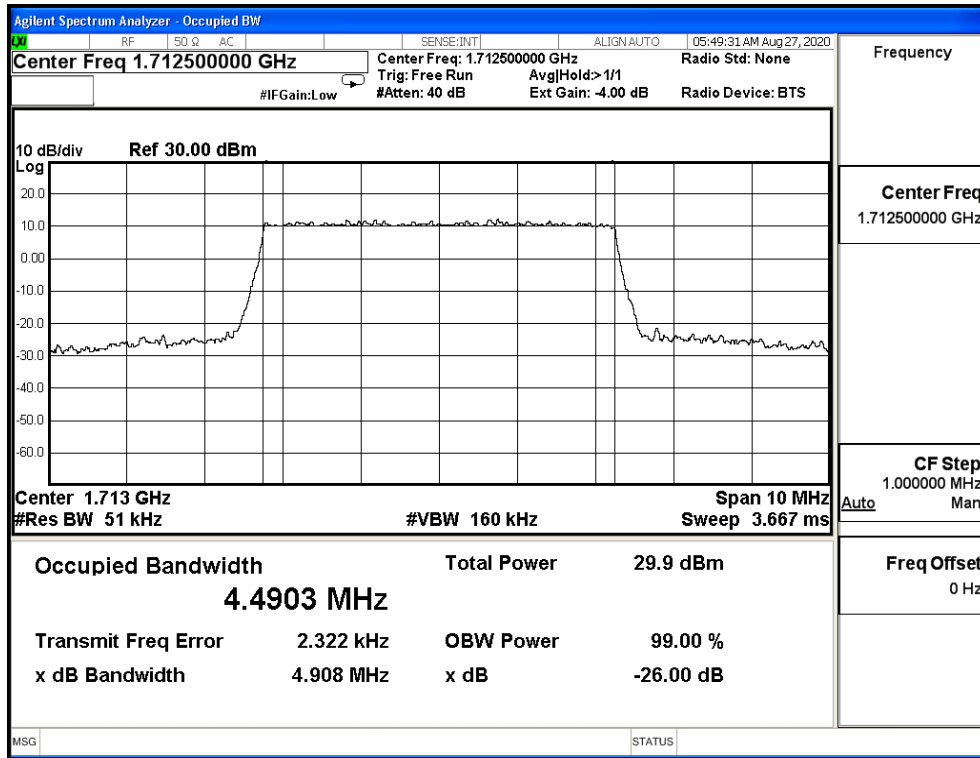
64QAM\_CH132322\_3M



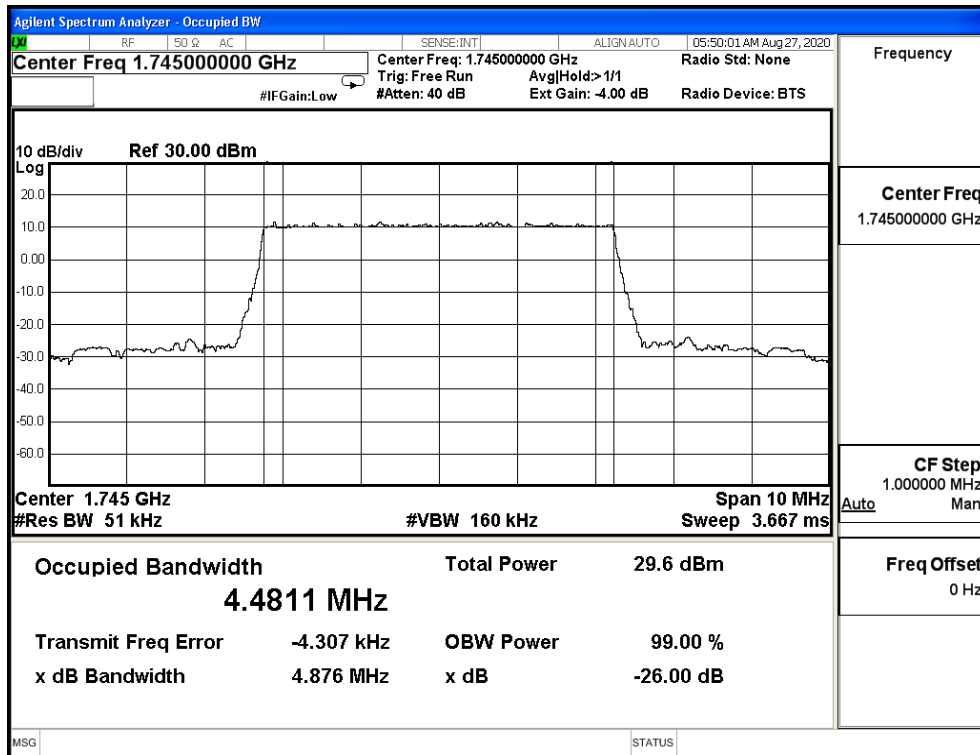
64QAM\_CH132657\_3M



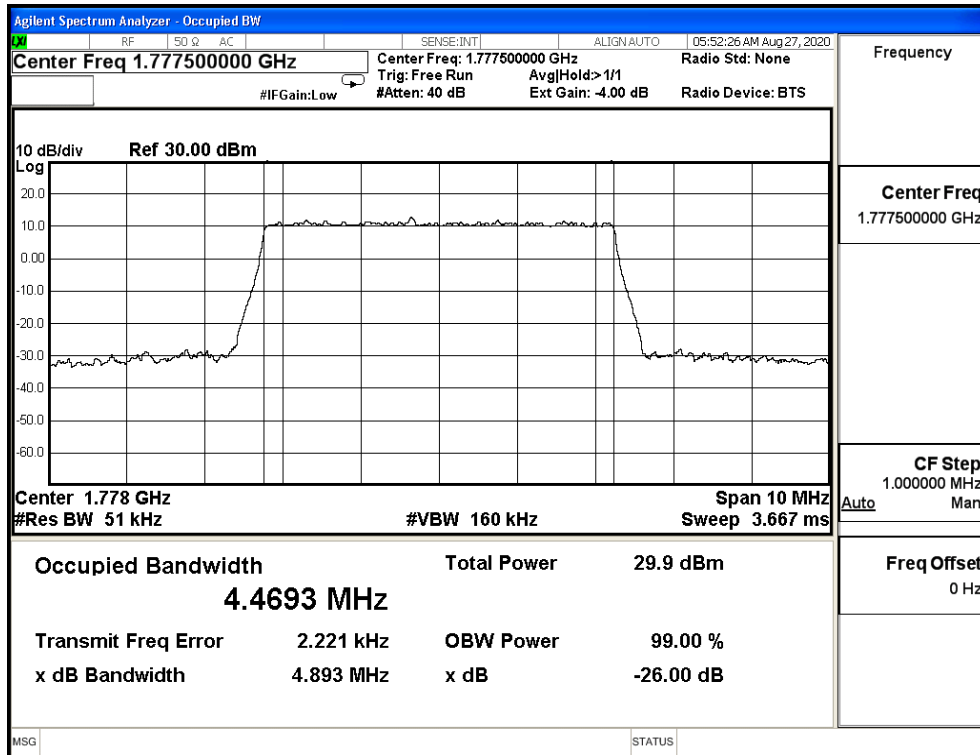
QPSK\_CH131997\_5M



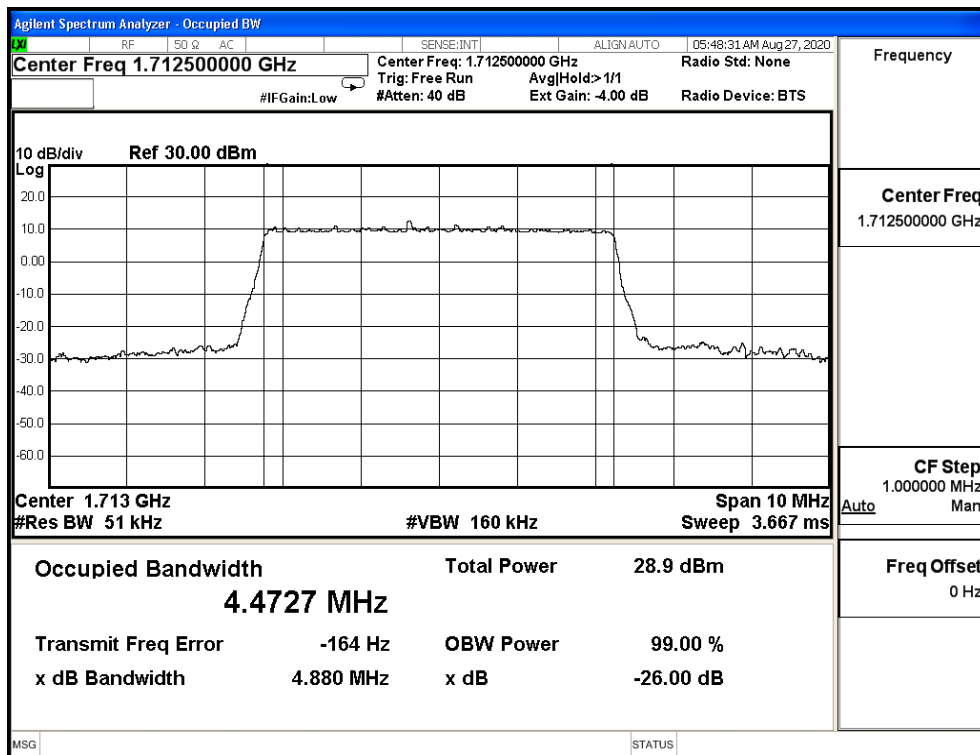
QPSK\_CH132322\_5M



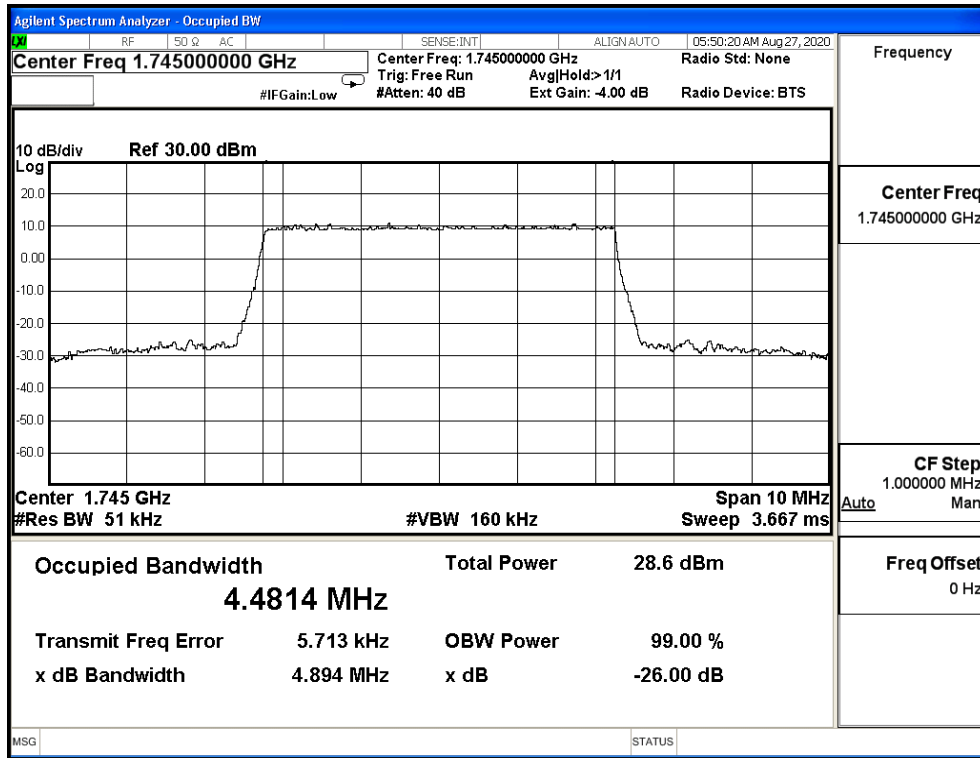
QPSK\_CH132647\_5M



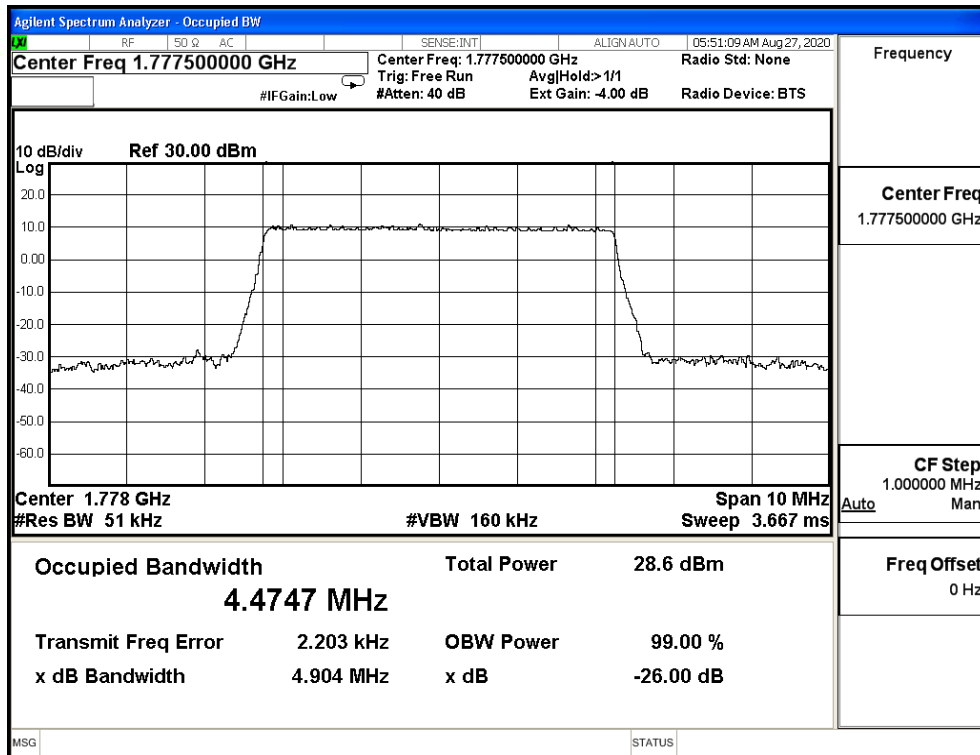
16QAM\_CH131997\_5M



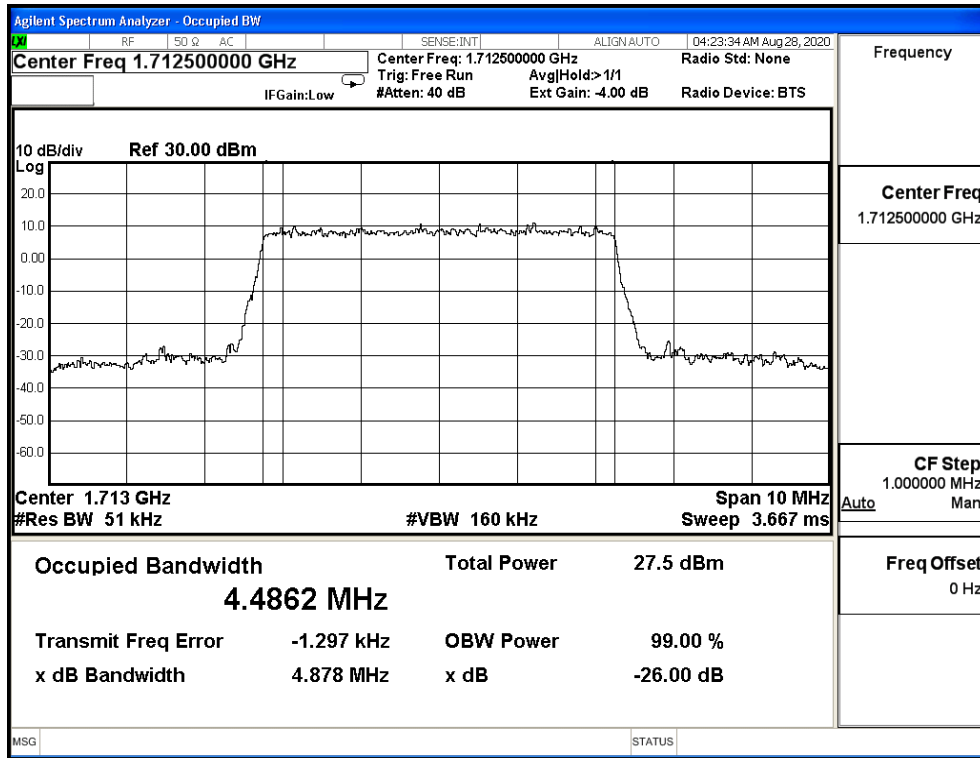
16QAM\_CH132322\_5M



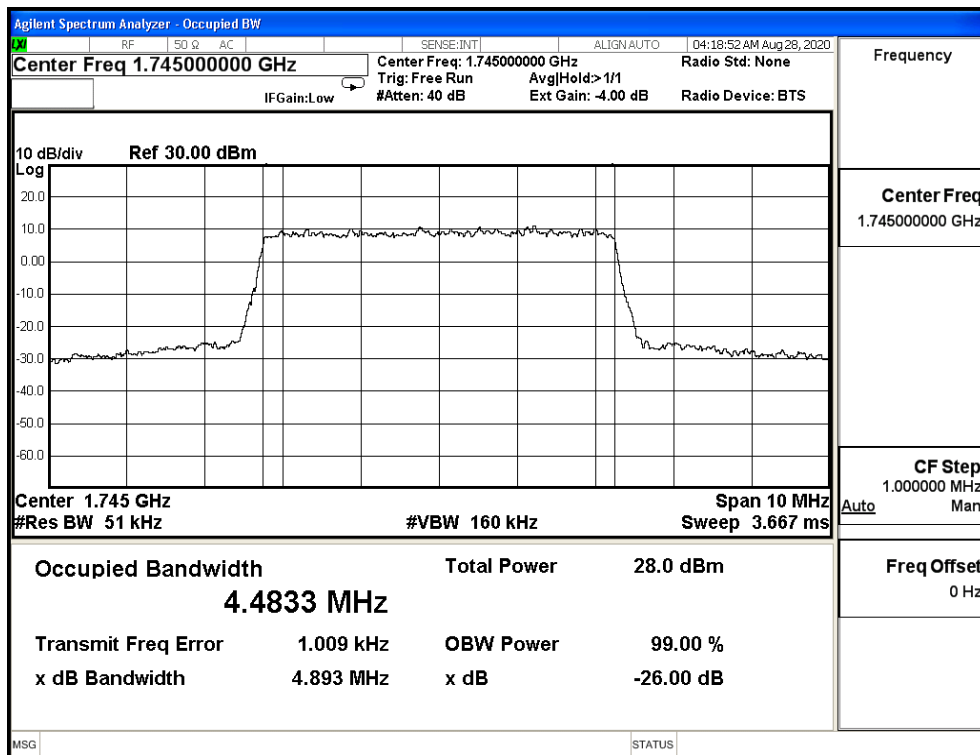
16QAM\_CH132647\_5M



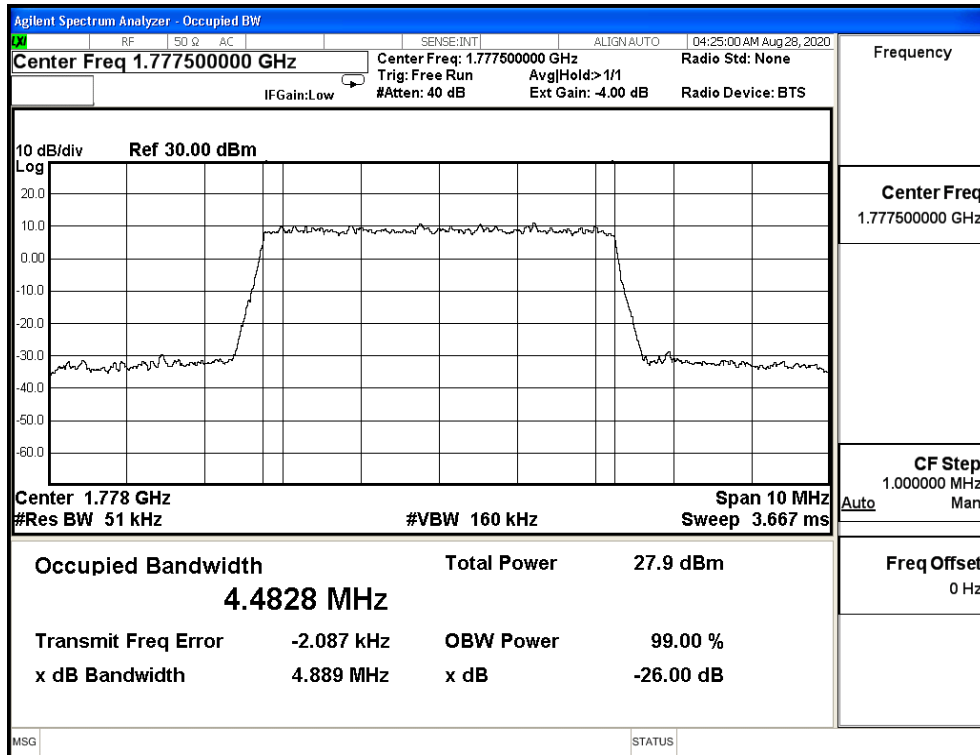
64QAM\_CH131997\_5M



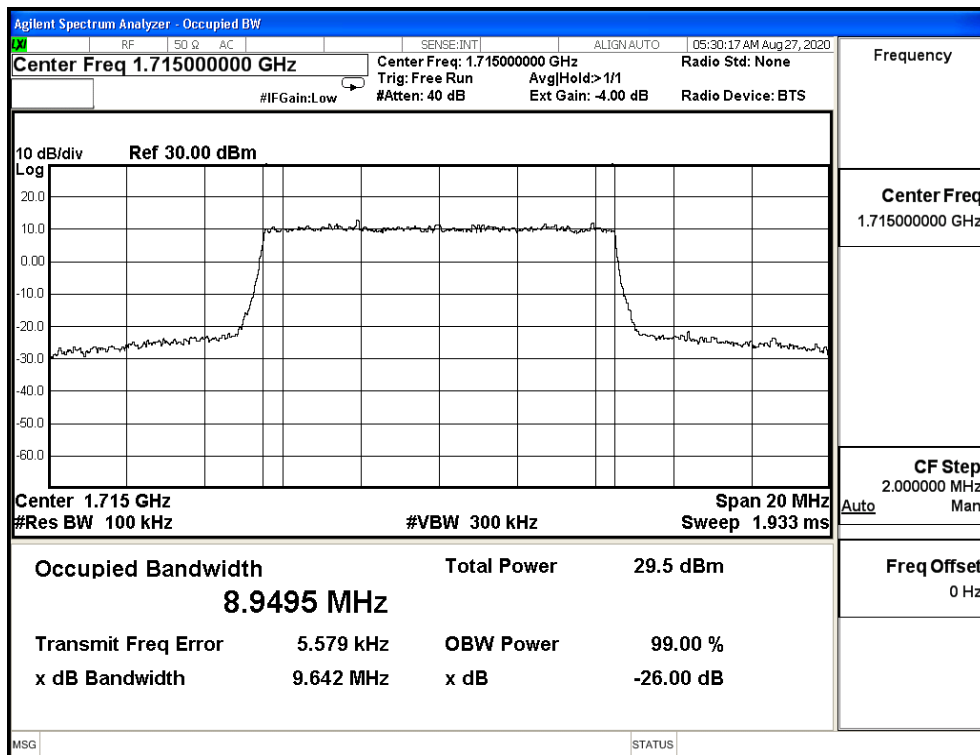
64QAM\_CH132322\_5M



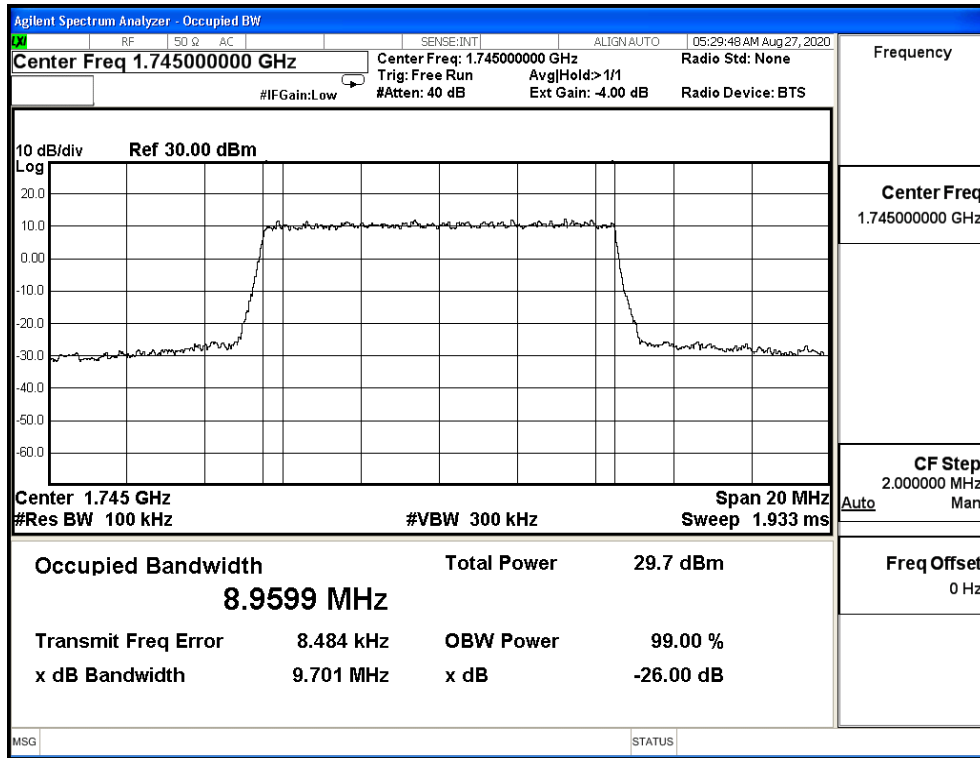
### 64QAM\_CH132647\_5M



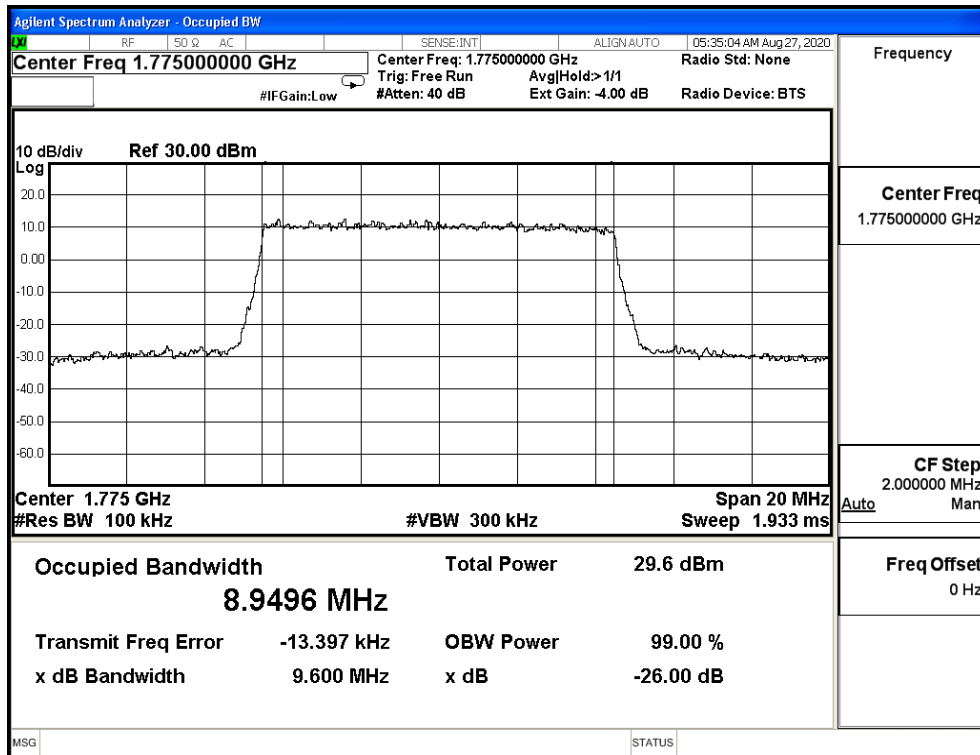
### QPSK\_CH132022\_10M



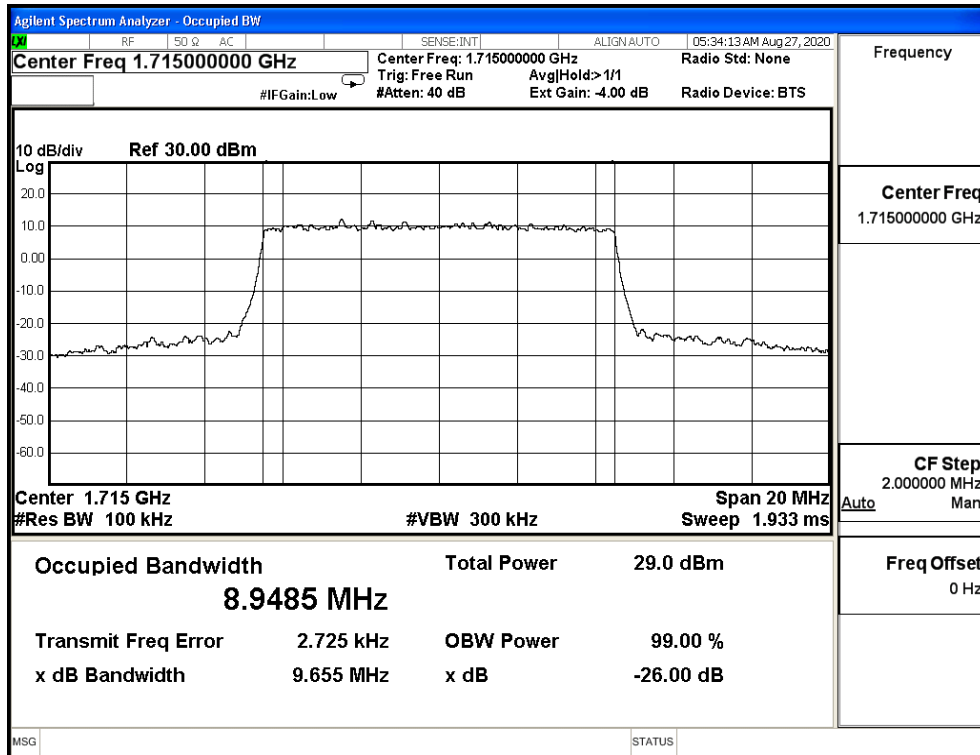
QPSK\_CH132322\_10M



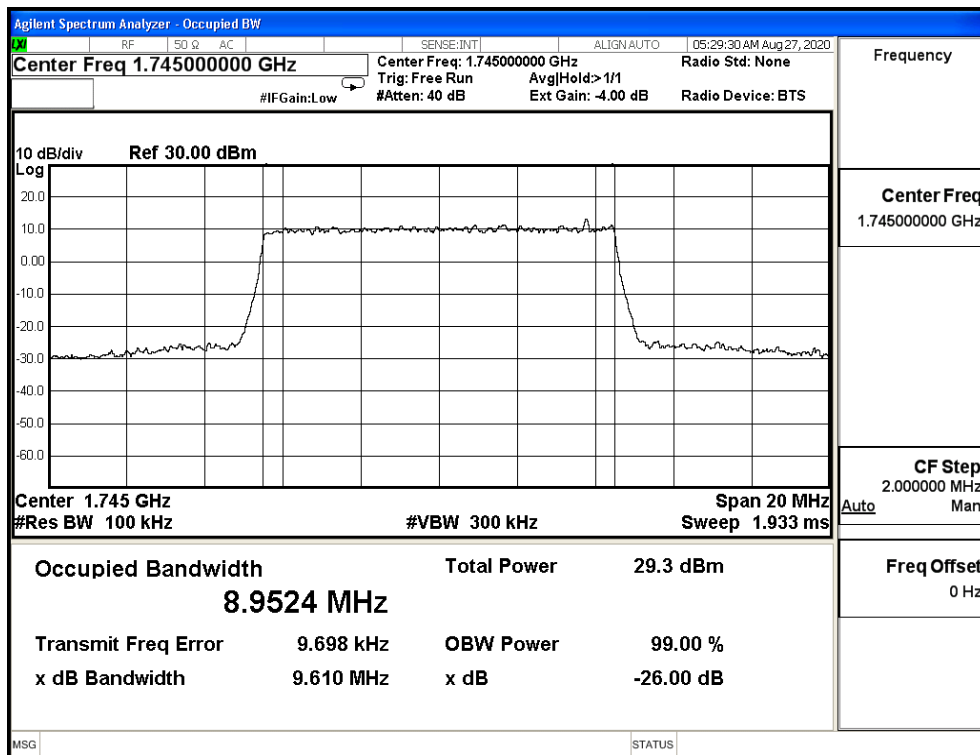
QPSK\_CH132622\_10M



16QAM\_CH132022\_10M

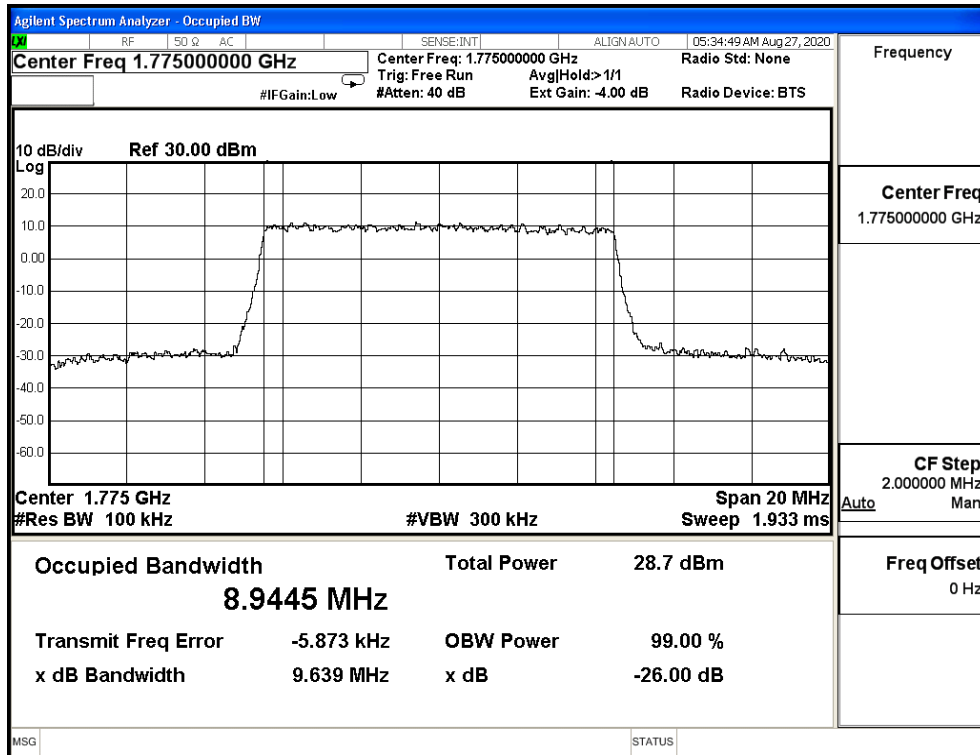


16QAM\_CH132322\_10M

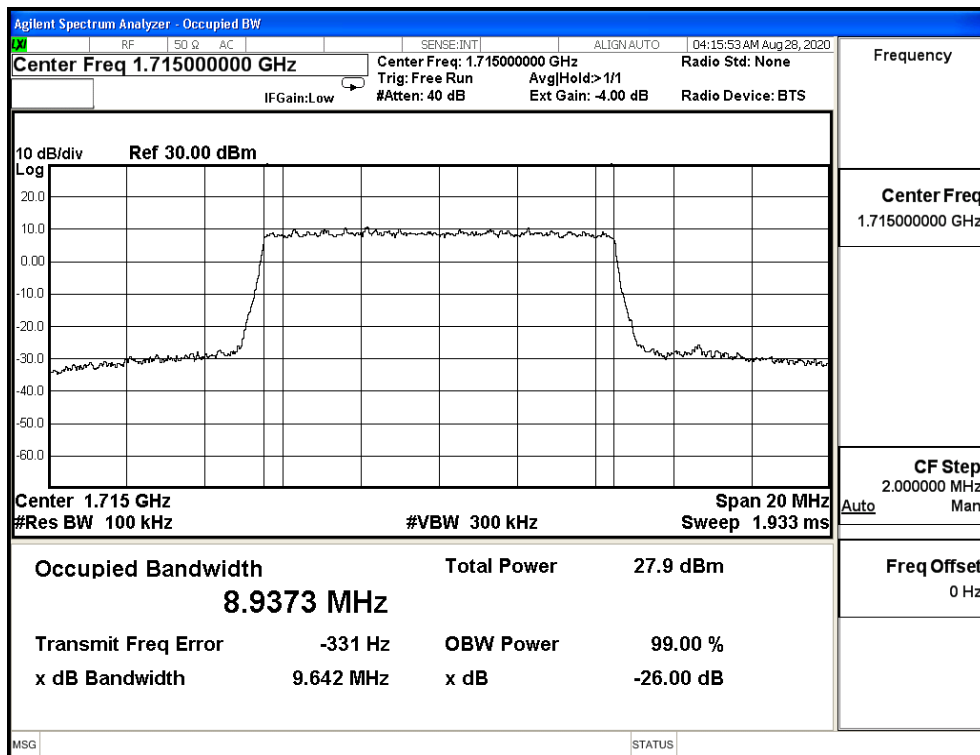




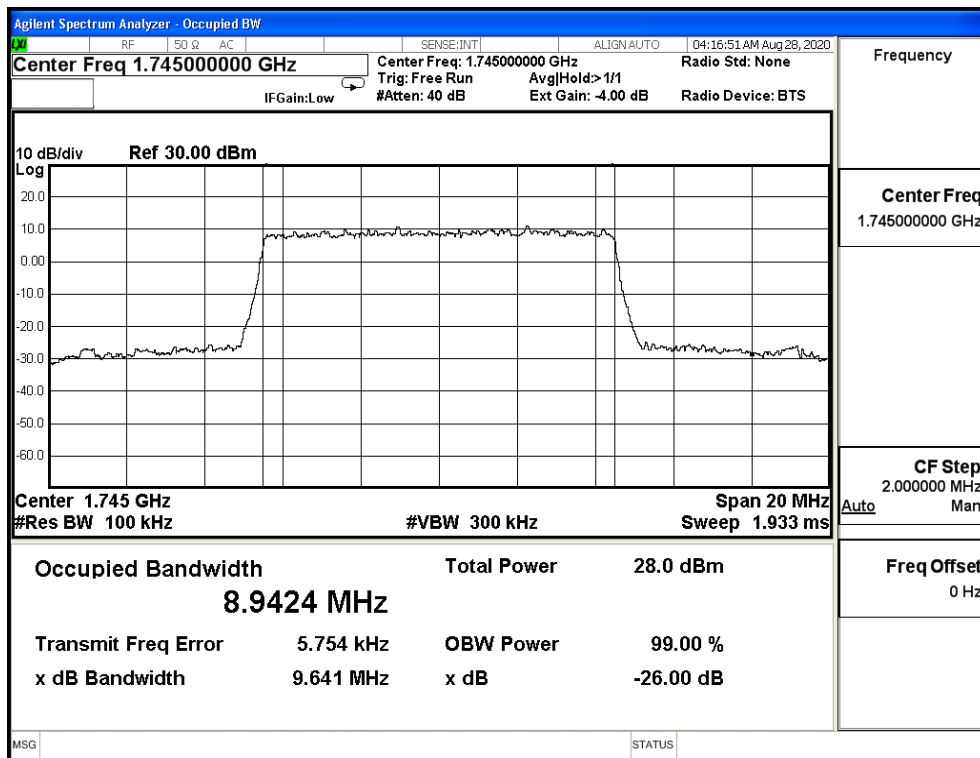
16QAM\_CH132622\_10M



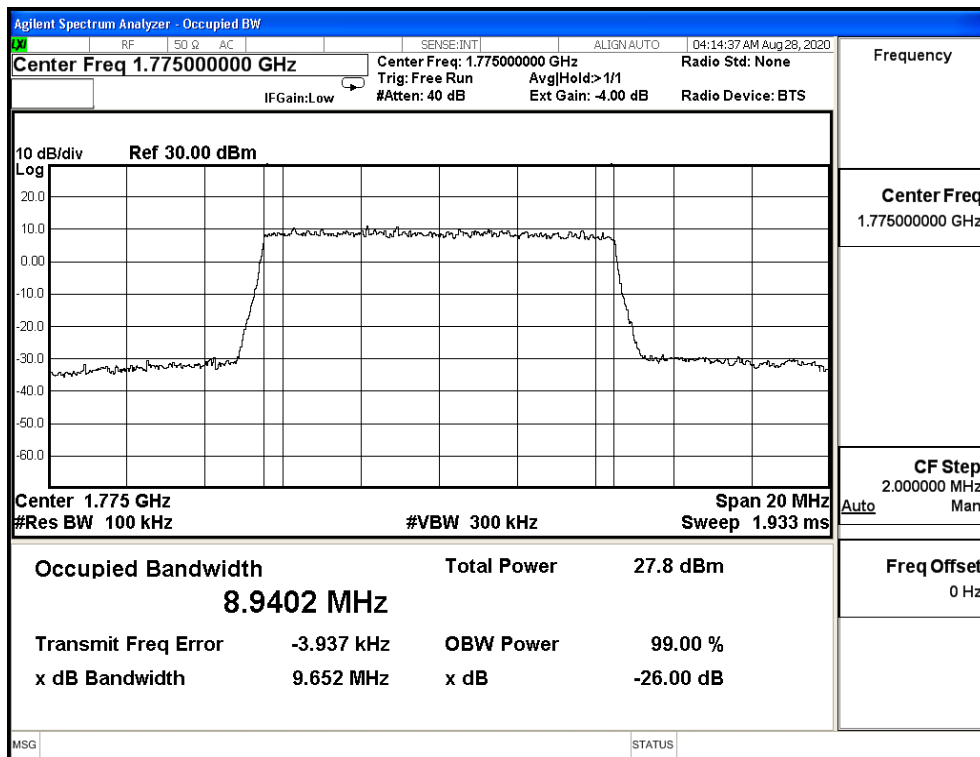
64QAM\_CH132022\_10M



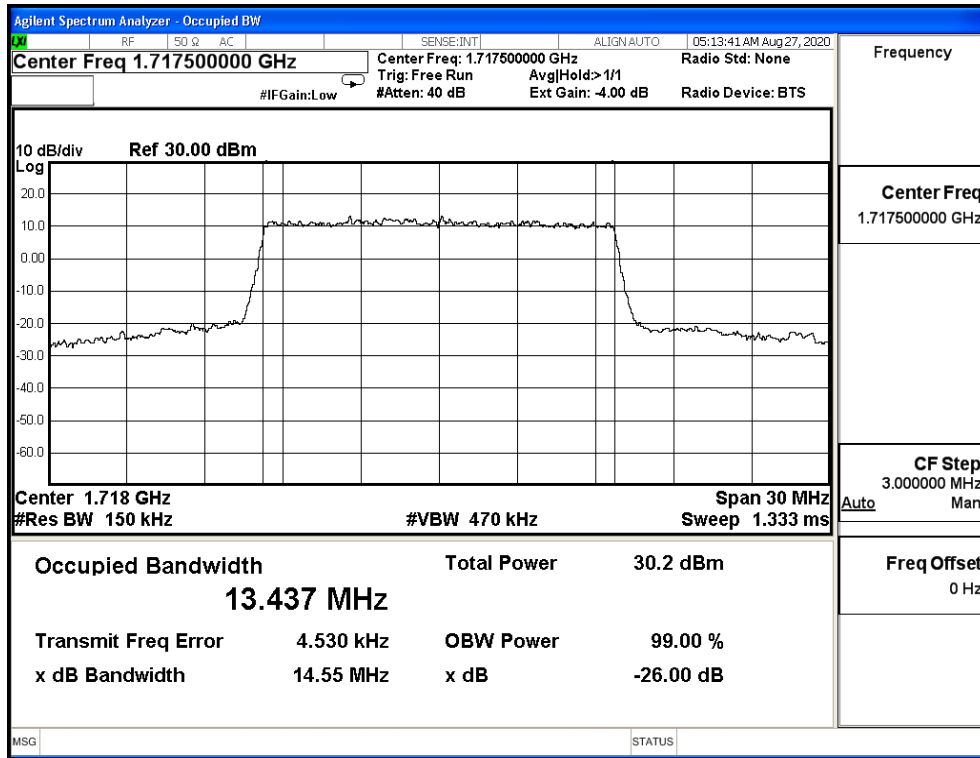
64QAM\_CH132322\_10M



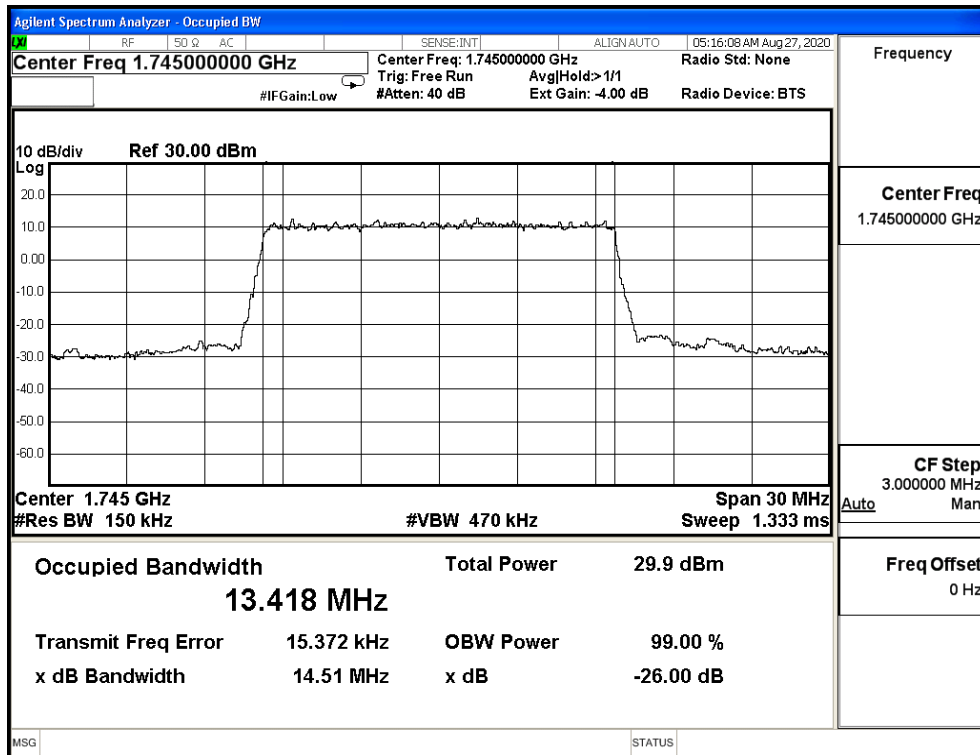
64QAM\_CH132622\_10M



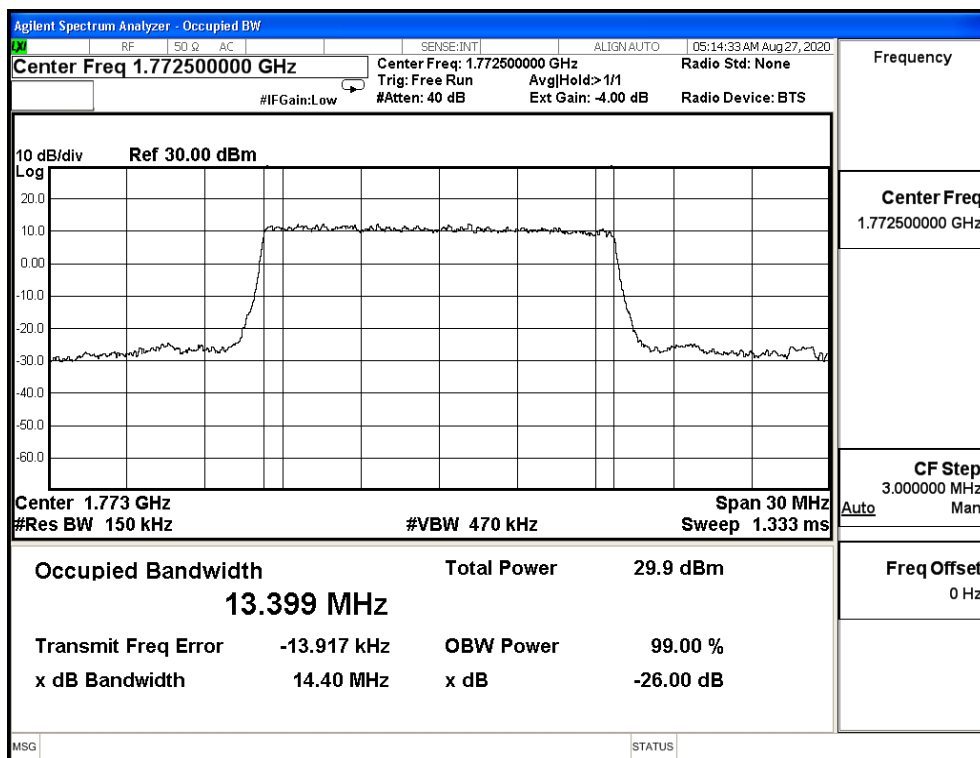
QPSK\_CH132047\_15M



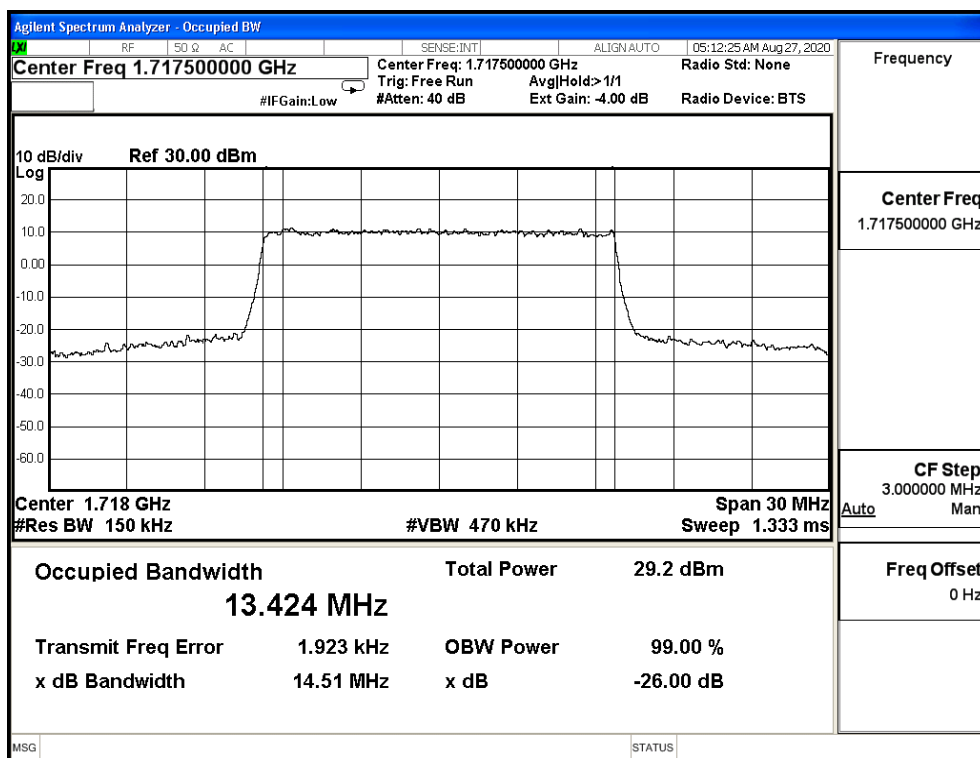
QPSK\_CH132322\_15M



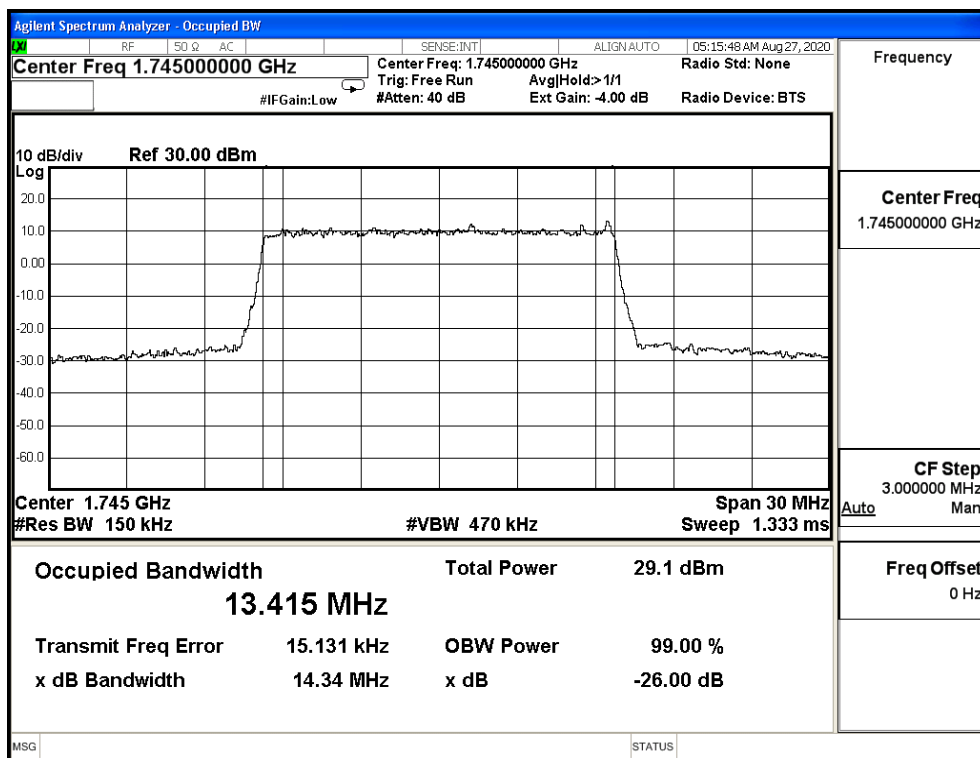
QPSK\_CH132597\_15M



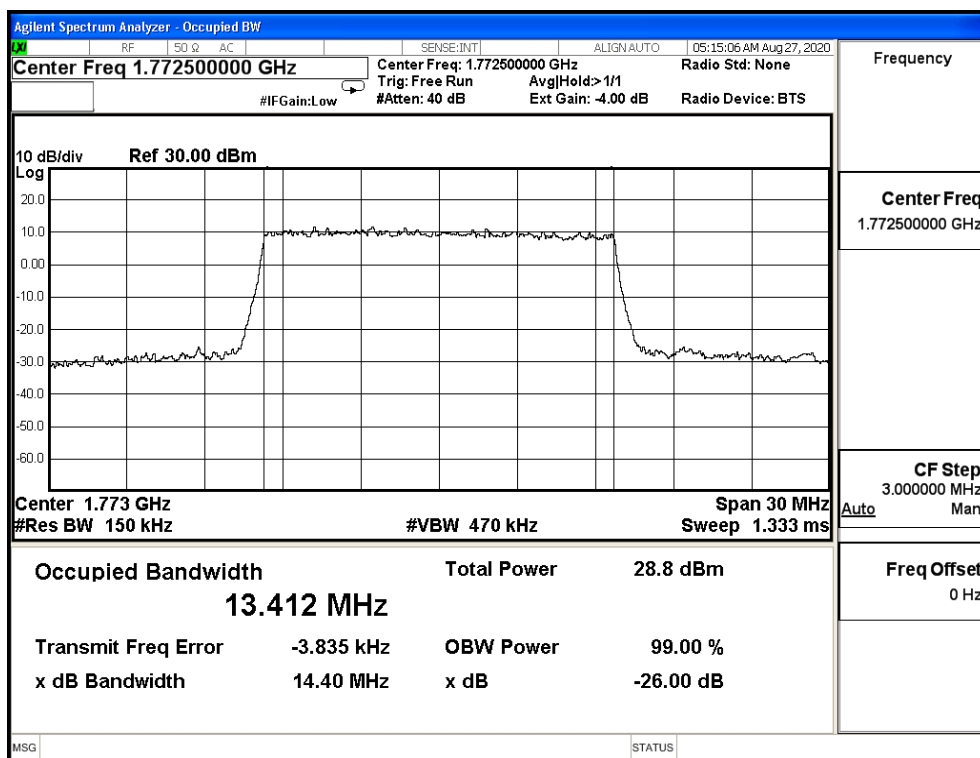
16QAM\_CH132047\_15M



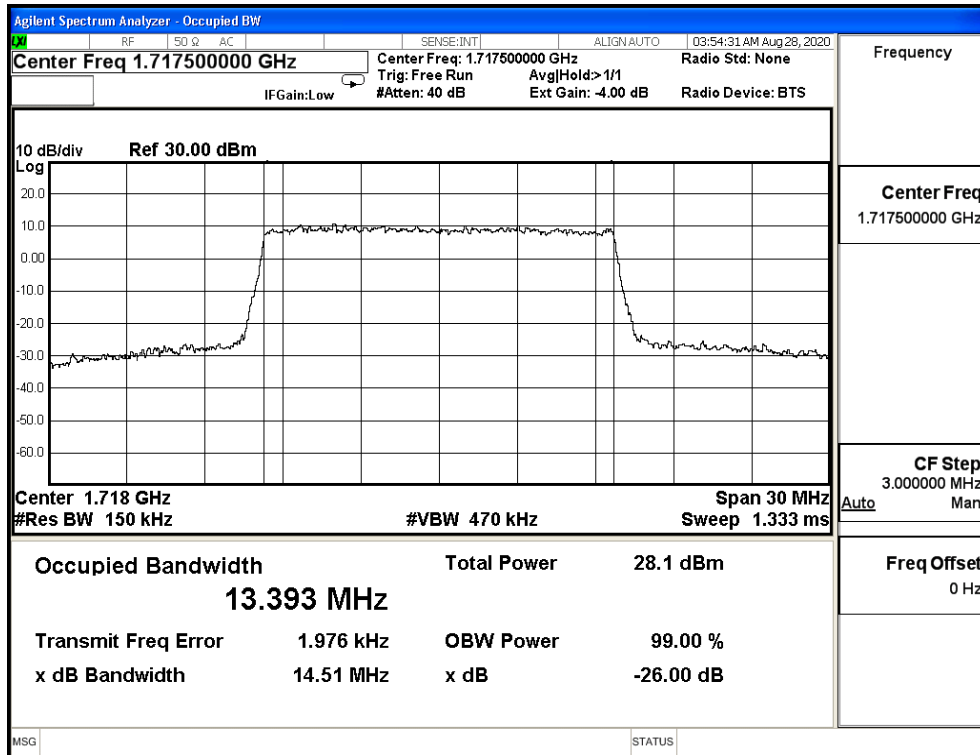
16QAM\_CH132322\_15M



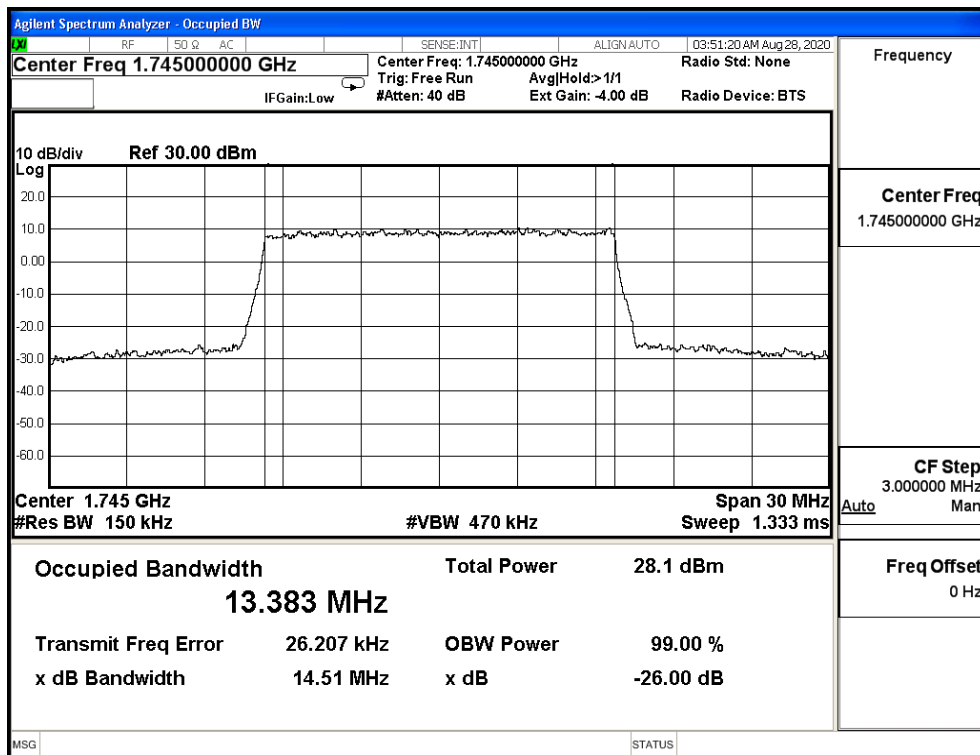
16QAM\_CH132597\_15M



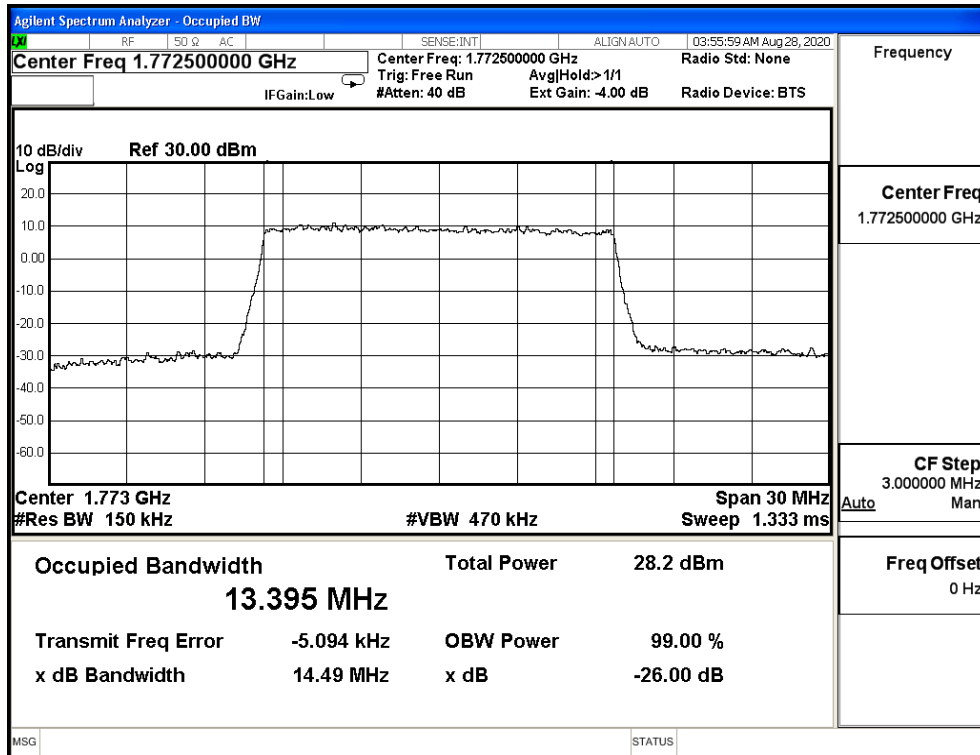
64QAM\_CH132047\_15M



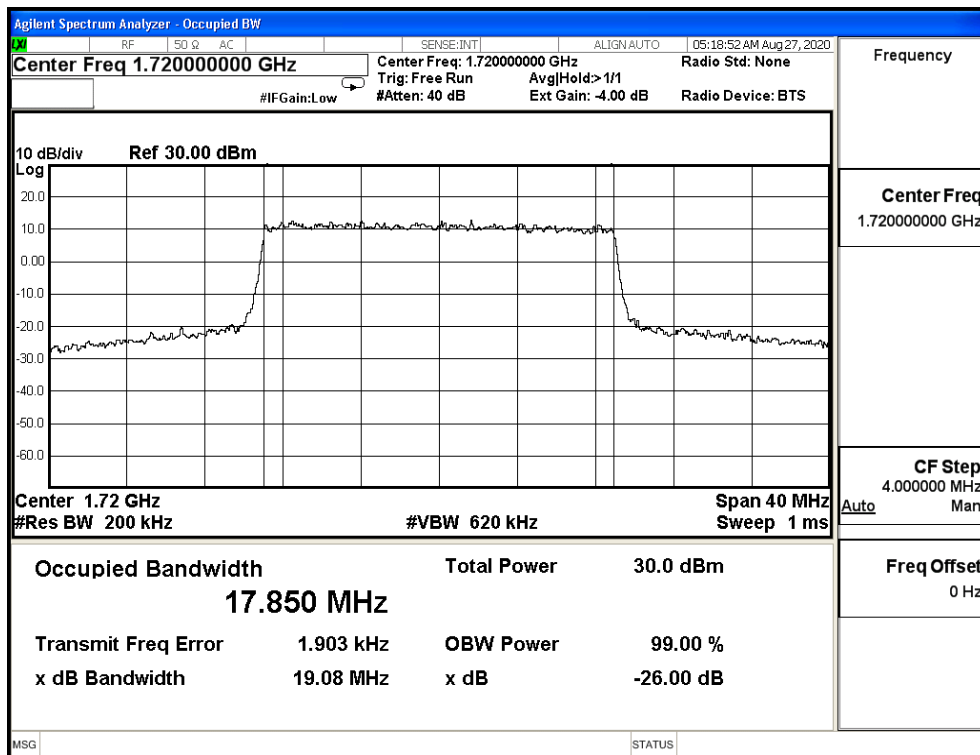
64QAM\_CH132322\_15M



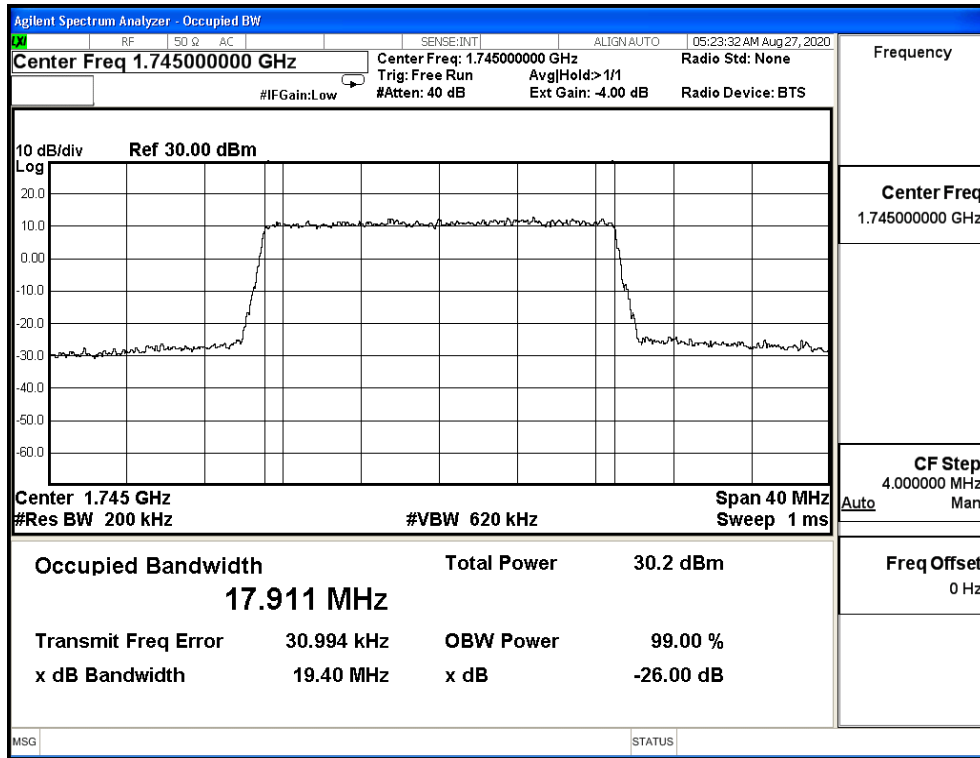
### 64QAM\_CH132597\_15M



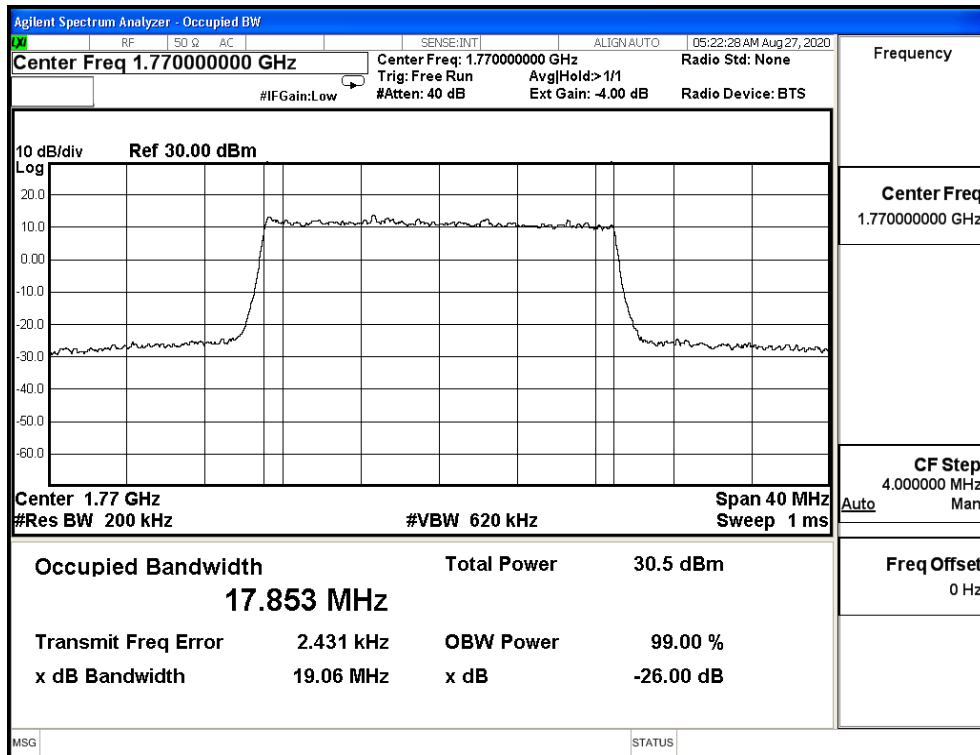
### QPSK\_CH132072\_20M



QPSK\_CH132322\_20M

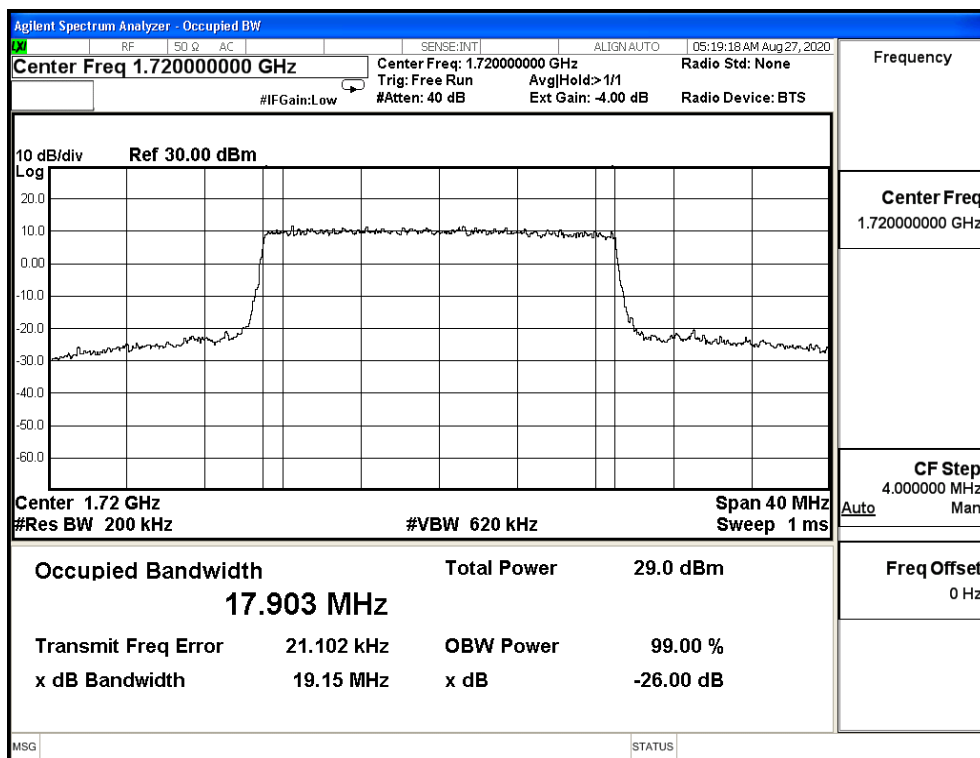


QPSK\_CH132572\_20M

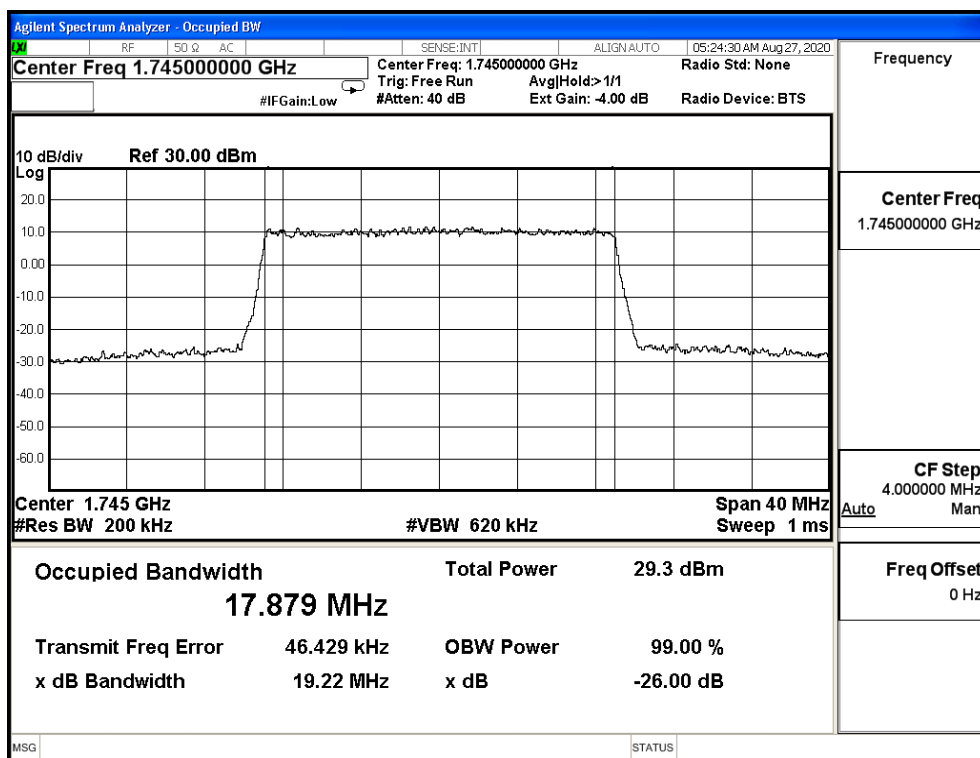




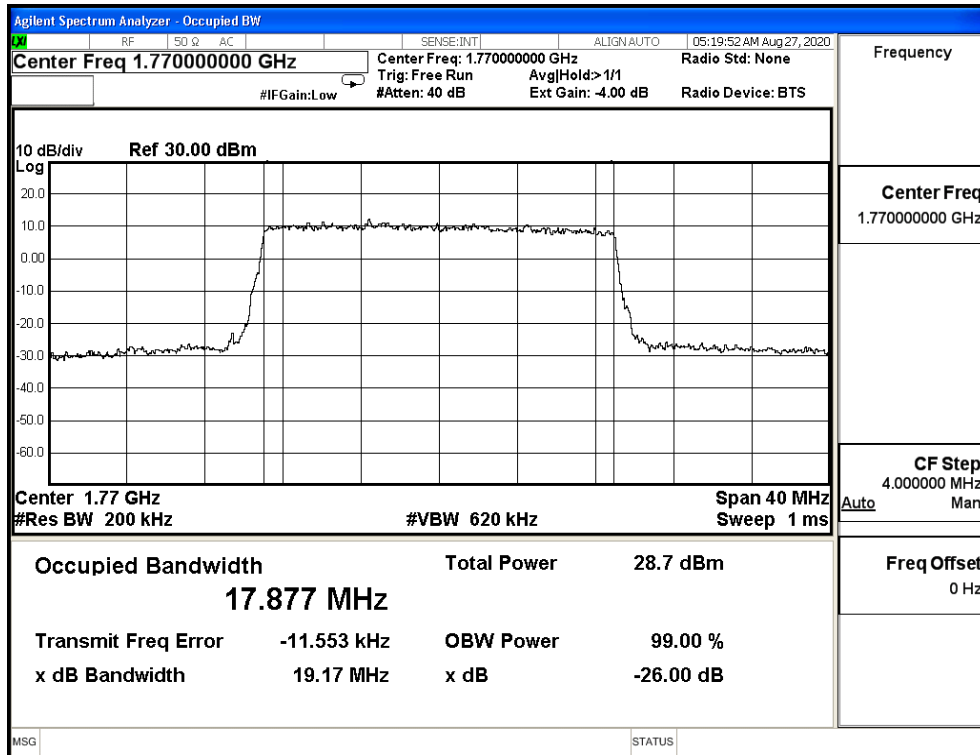
16QAM\_CH132072\_20M



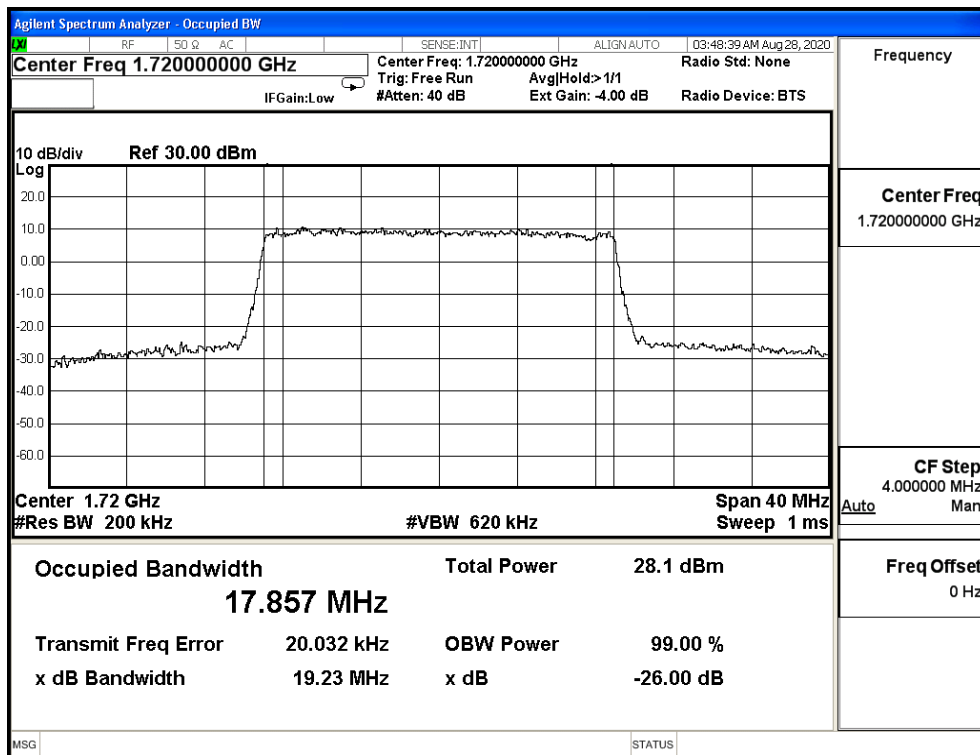
16QAM\_CH132322\_20M



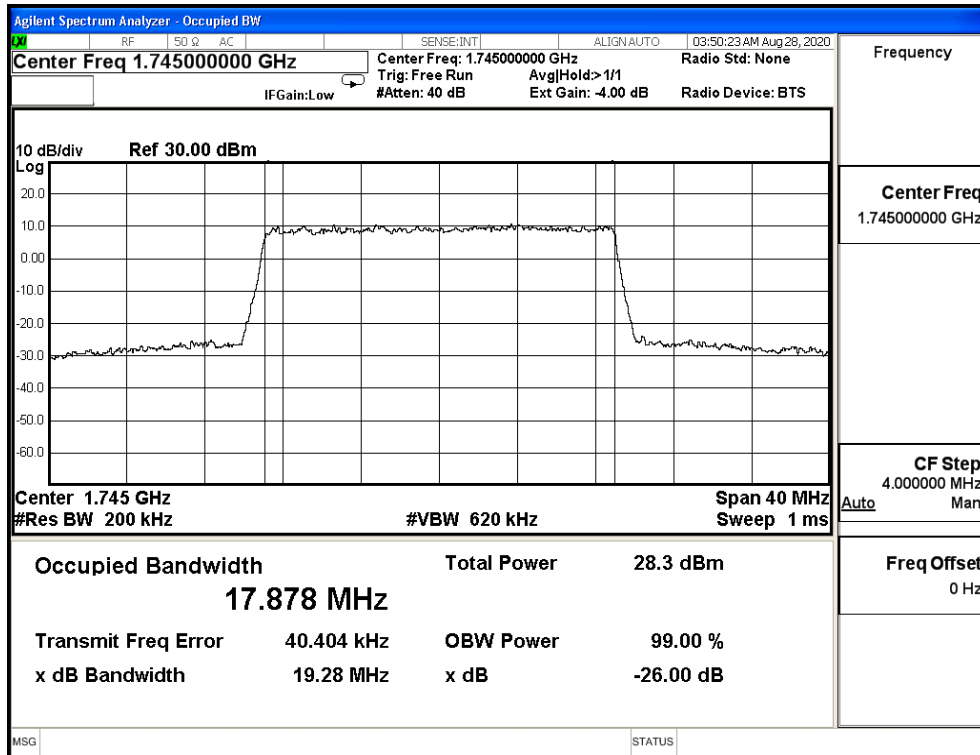
16QAM\_CH132572\_20M



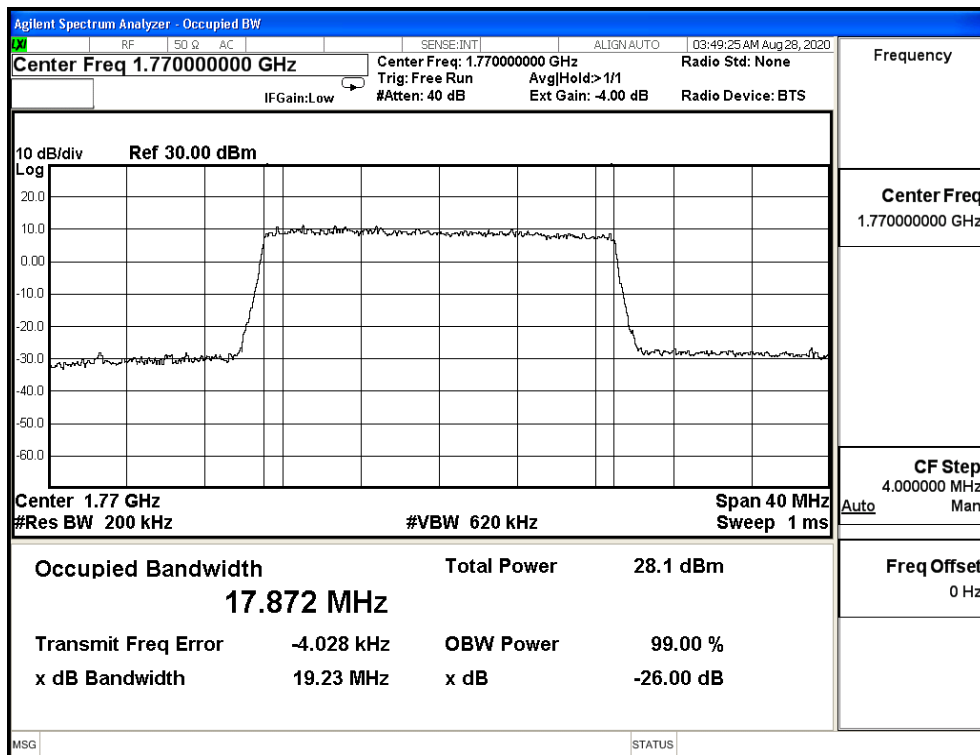
64QAM\_CH132072\_20M



64QAM\_CH132322\_20M



64QAM\_CH132572\_20M

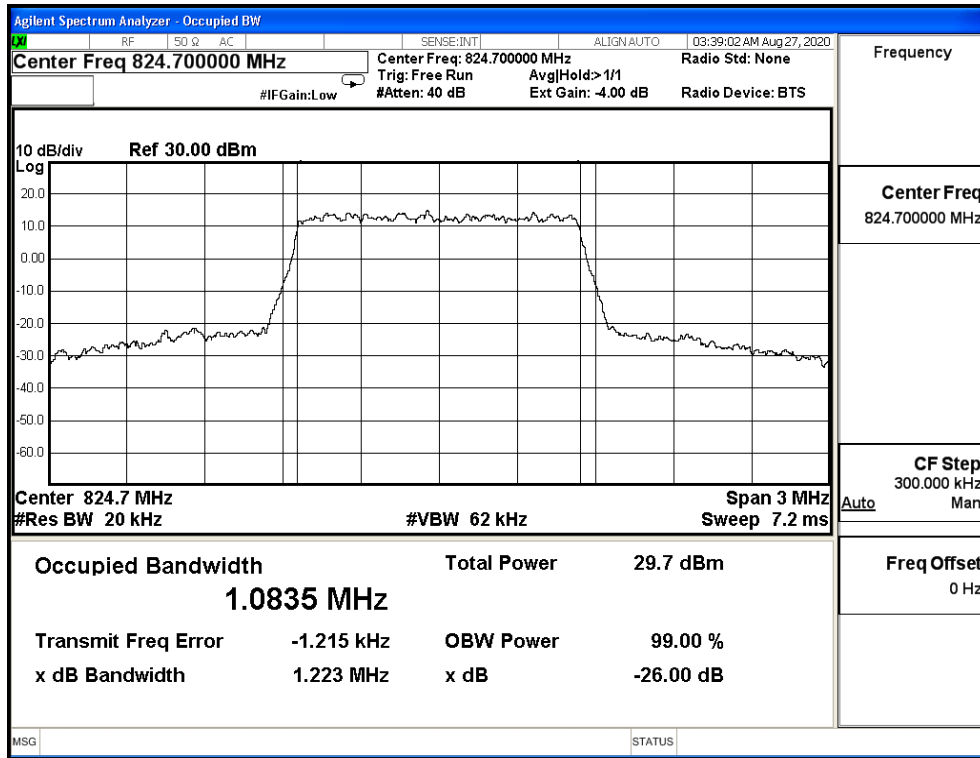


Product	Module		
Test Item	Occupied Bandwidth		
Test Mode	Mode 3: LTE Band 5/26 (Part 22)		
Date of Test	2020/09/02	Test Site	SR12-H
Temperature(°C)	24	Humidity (%RH)	60

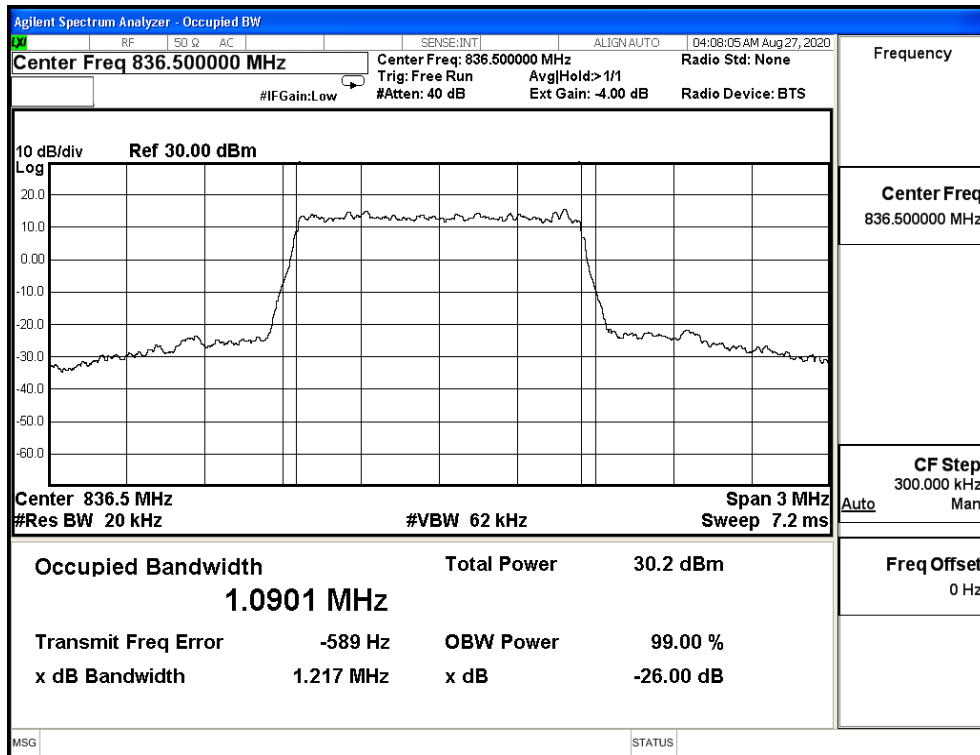
Bandwidth (MHz)	Modulation	Frequency (MHz)	Measure Level (MHz)		Limit (MHz)
			26dB BW	99% BW	
1.4M	QPSK	824.7	1.223	1.084	N/A
		836.5	1.217	1.090	N/A
		848.3	1.233	1.084	N/A
	16-QAM	824.7	1.237	1.087	N/A
		836.5	1.228	1.086	N/A
		848.3	1.215	1.084	N/A
	64-QAM	824.7	1.210	1.080	N/A
		836.5	1.214	1.080	N/A
		848.3	1.209	1.080	N/A
3M	QPSK	825.5	2.955	2.688	N/A
		836.5	2.940	2.685	N/A
		847.5	2.931	2.685	N/A
	16-QAM	825.5	2.961	2.684	N/A
		836.5	2.969	2.685	N/A
		847.5	2.943	2.684	N/A
	64-QAM	825.5	2.924	2.684	N/A
		836.5	2.919	2.683	N/A
		847.5	2.929	2.684	N/A
5M	QPSK	826.5	4.901	4.486	N/A
		836.5	4.891	4.468	N/A
		846.5	4.903	4.485	N/A
	16-QAM	826.5	4.835	4.473	N/A
		836.5	4.892	4.475	N/A
		846.5	4.911	4.489	N/A
	64-QAM	826.5	4.901	4.481	N/A
		836.5	4.897	4.483	N/A
		846.5	4.871	4.485	N/A

Bandwidth (MHz)	Modulation	Frequency (MHz)	Measure Level (MHz)		Limit (MHz)
			26dB BW	99% BW	
10M	QPSK	829	9.657	8.953	N/A
		836.5	9.711	8.944	N/A
		844	9.678	8.945	N/A
	16-QAM	829	9.676	8.963	N/A
		836.5	9.600	8.937	N/A
		844	9.650	8.950	N/A
	64-QAM	829	9.640	8.950	N/A
		836.5	9.579	8.932	N/A
		844	9.628	8.941	N/A
15M	QPSK	831.5	14.590	13.452	N/A
		836.5	14.510	13.393	N/A
		841.5	14.370	13.384	N/A
	16-QAM	831.5	14.510	13.439	N/A
		836.5	14.370	13.390	N/A
		841.5	14.390	13.384	N/A
	64-QAM	831.5	14.550	13.427	N/A
		836.5	14.470	13.380	N/A
		841.5	14.470	13.380	N/A

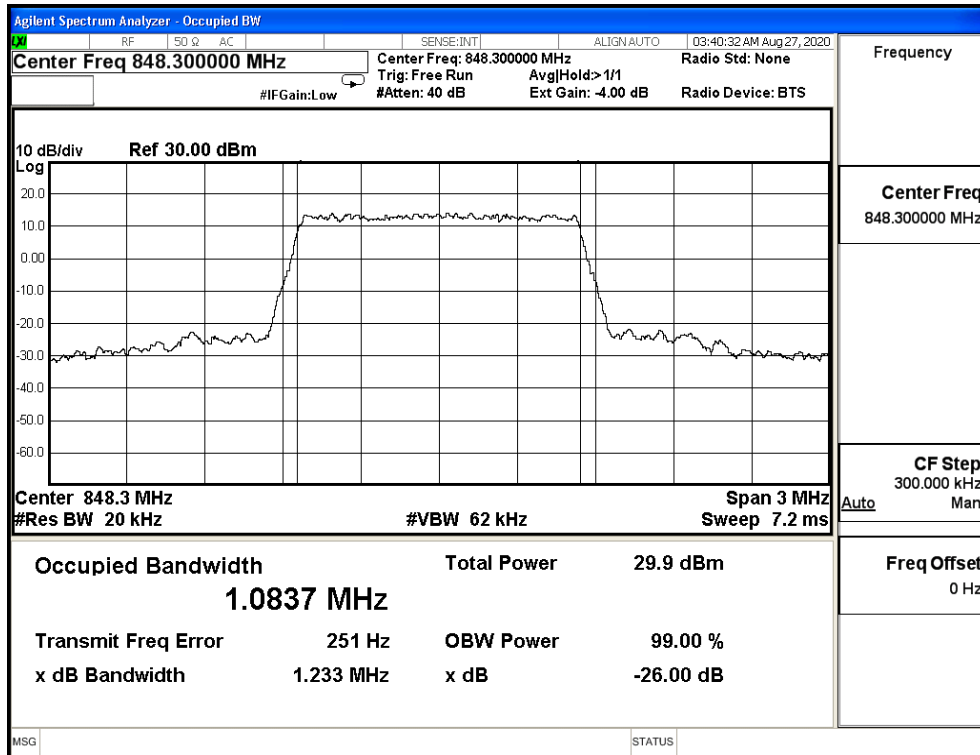
QPSK\_CH26797\_1.4M



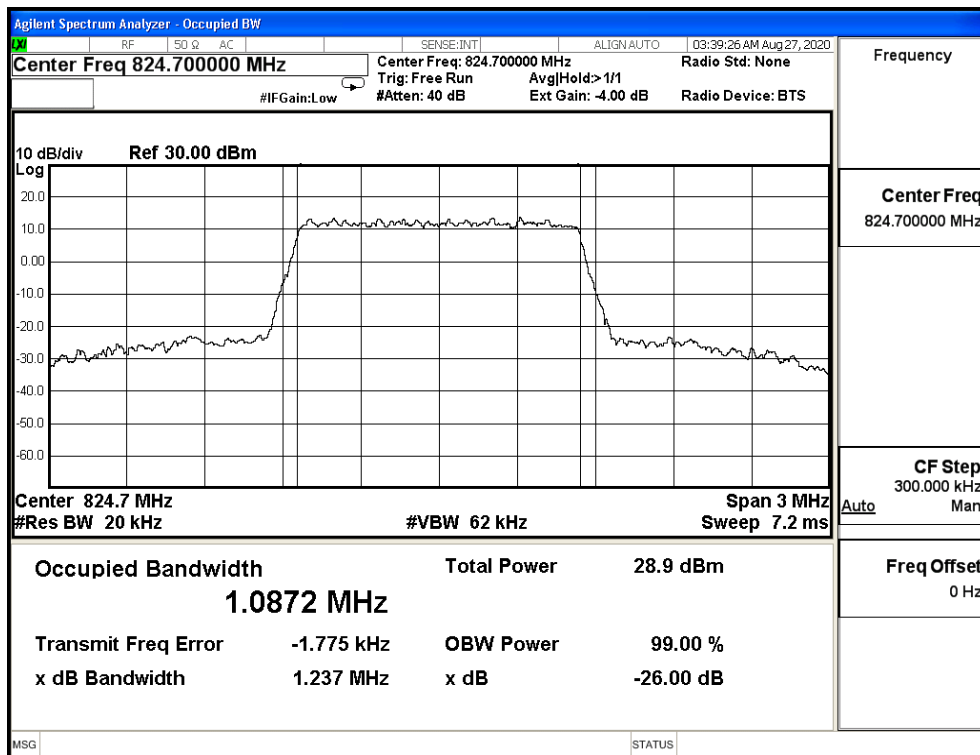
QPSK\_CH26915\_1.4M



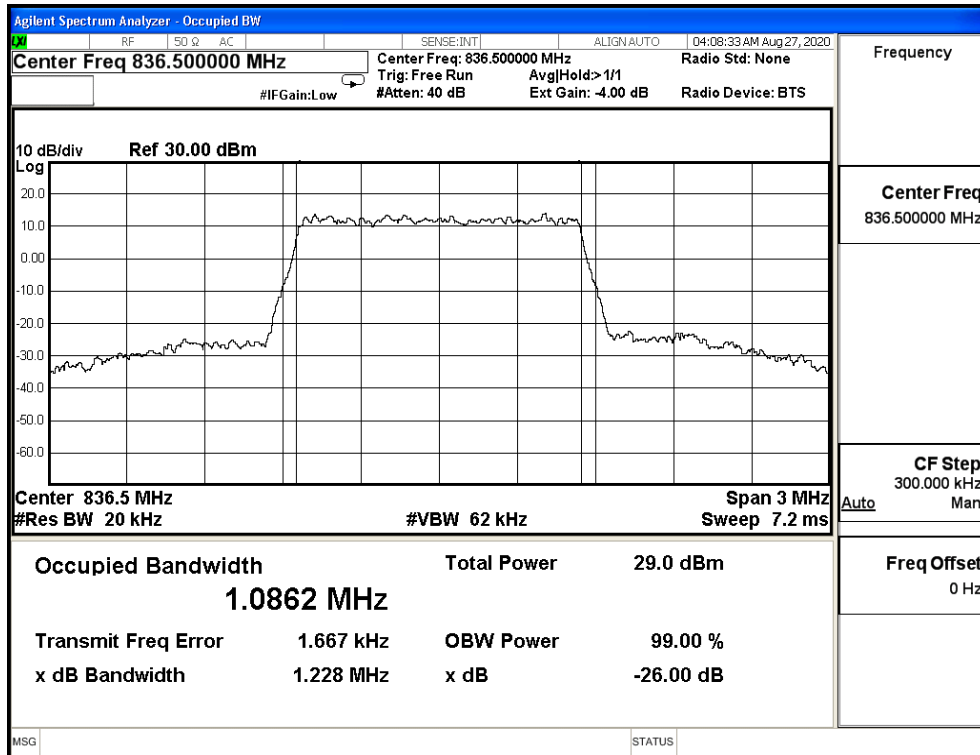
\_QPSK\_CH27033\_1.4M



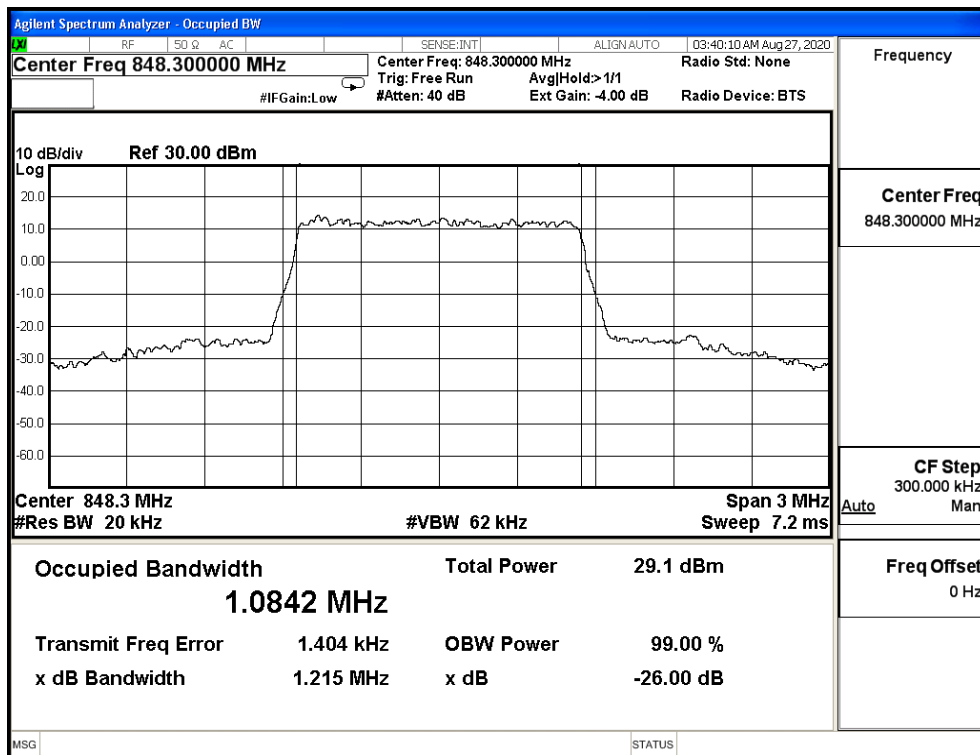
16QAM\_CH26797\_1.4M



16QAM\_CH26915\_1.4M

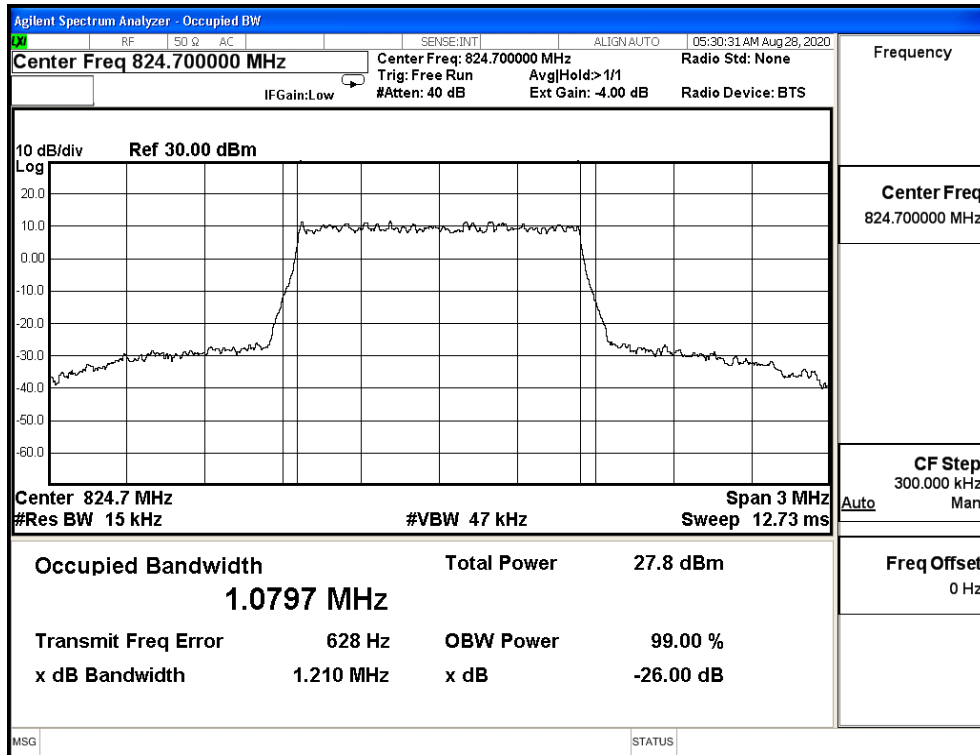


16QAM\_CH27033\_1.4M

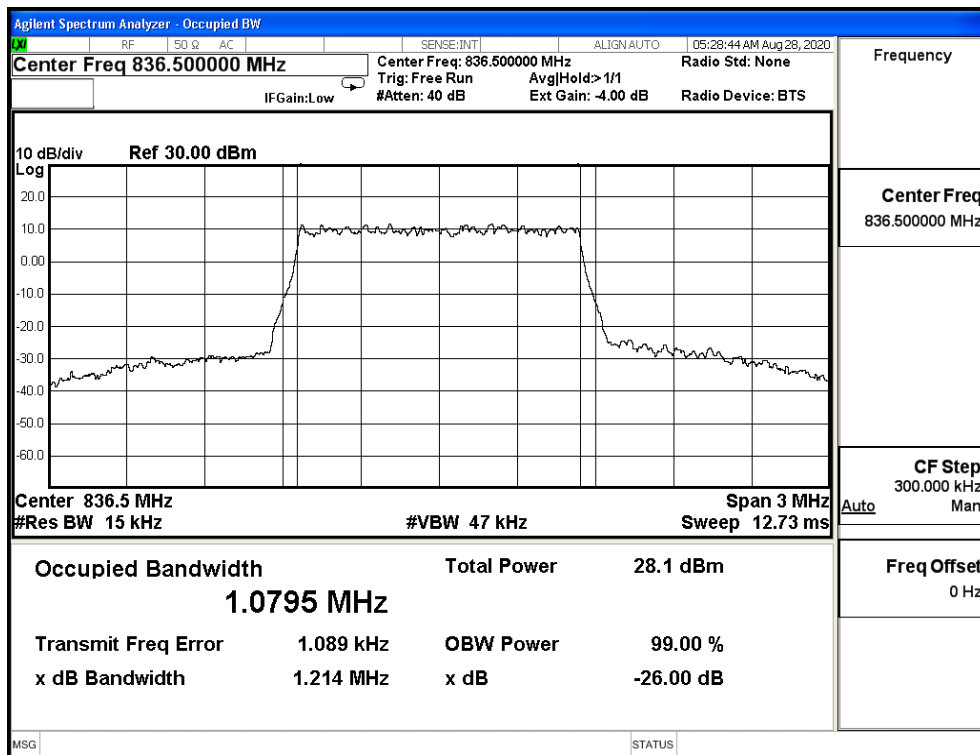




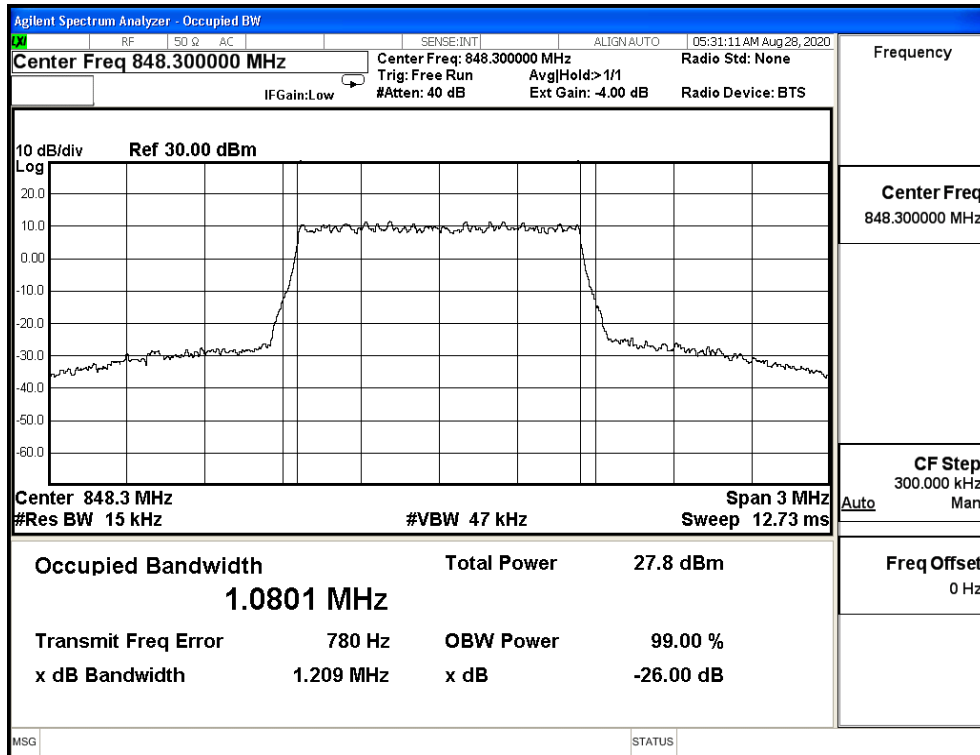
64QAM\_CH26797\_1.4M



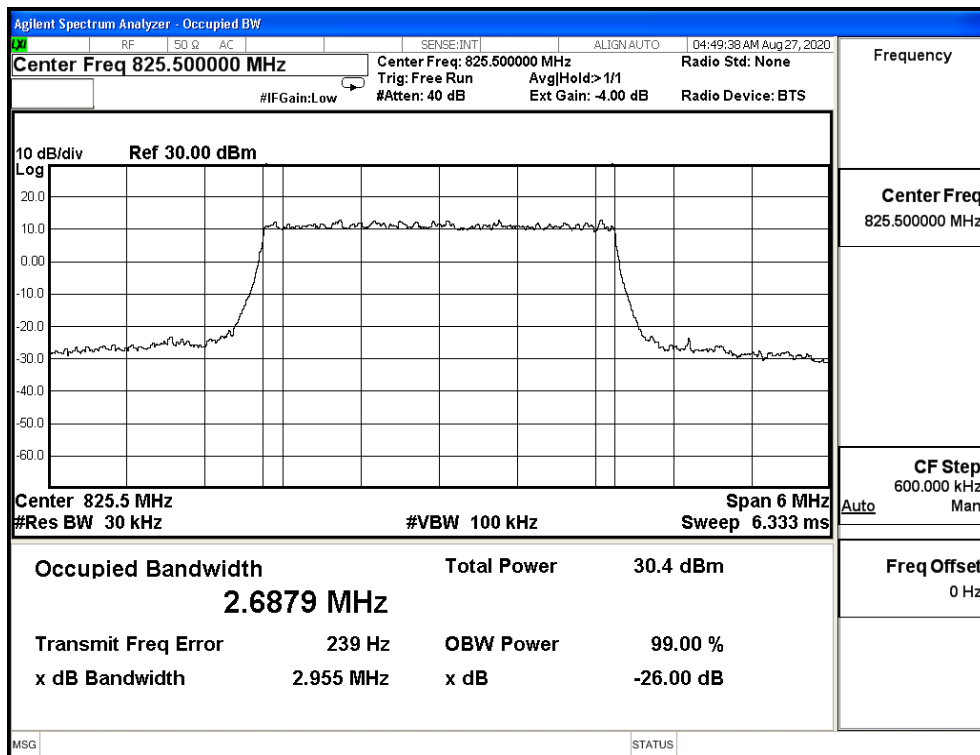
64QAM\_CH26915\_1.4M



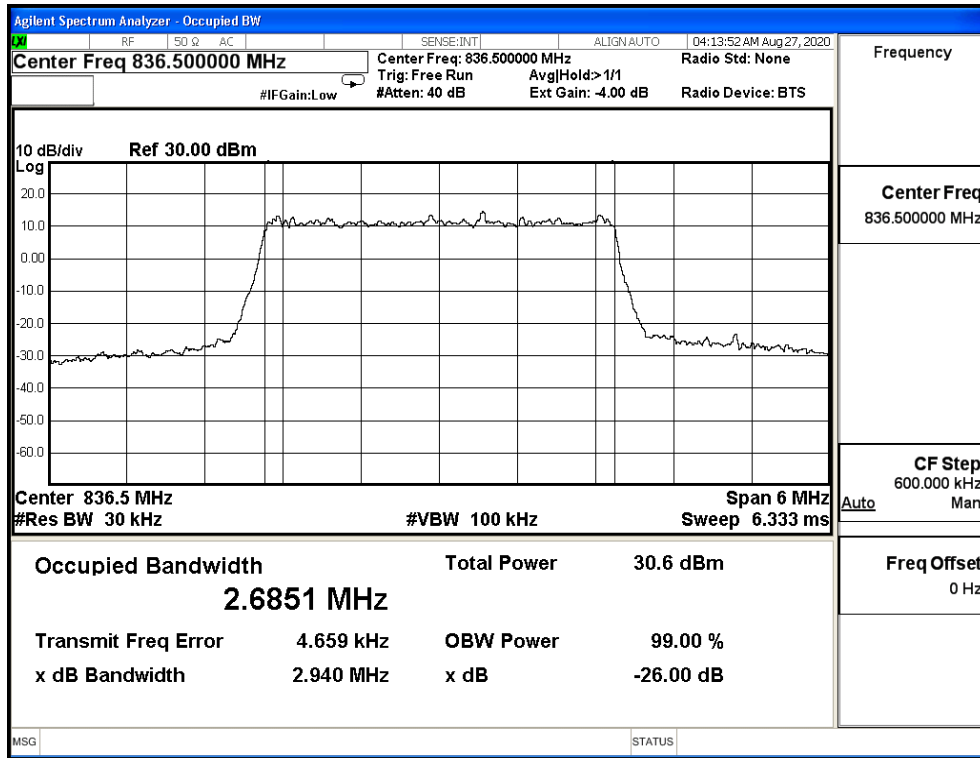
64QAM\_CH27033\_1.4M



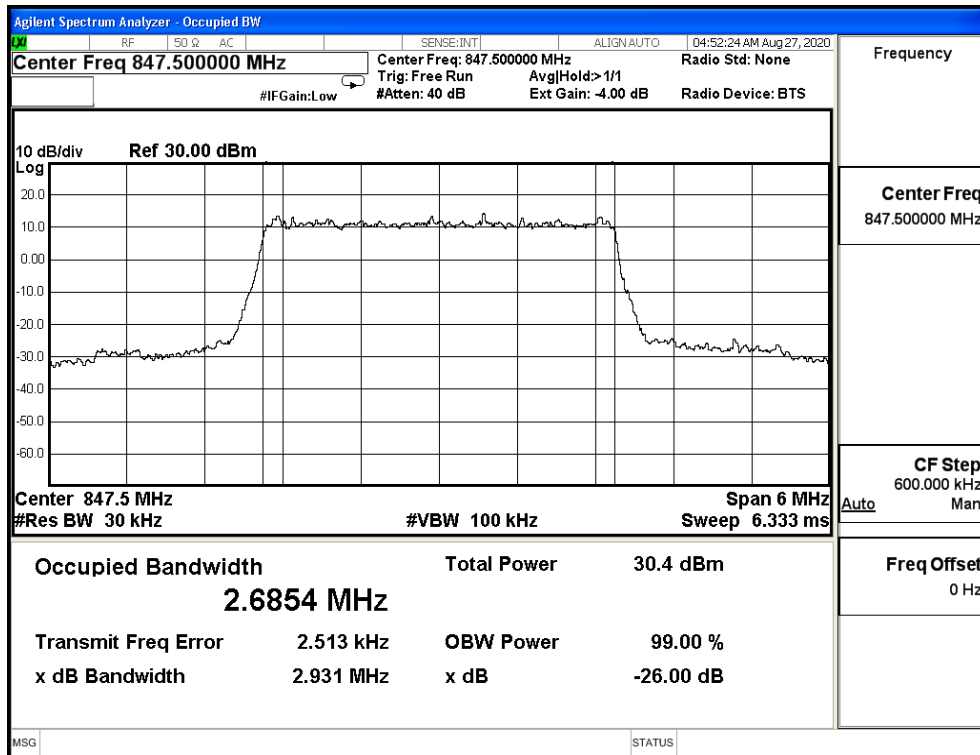
QPSK\_CH26805\_3M



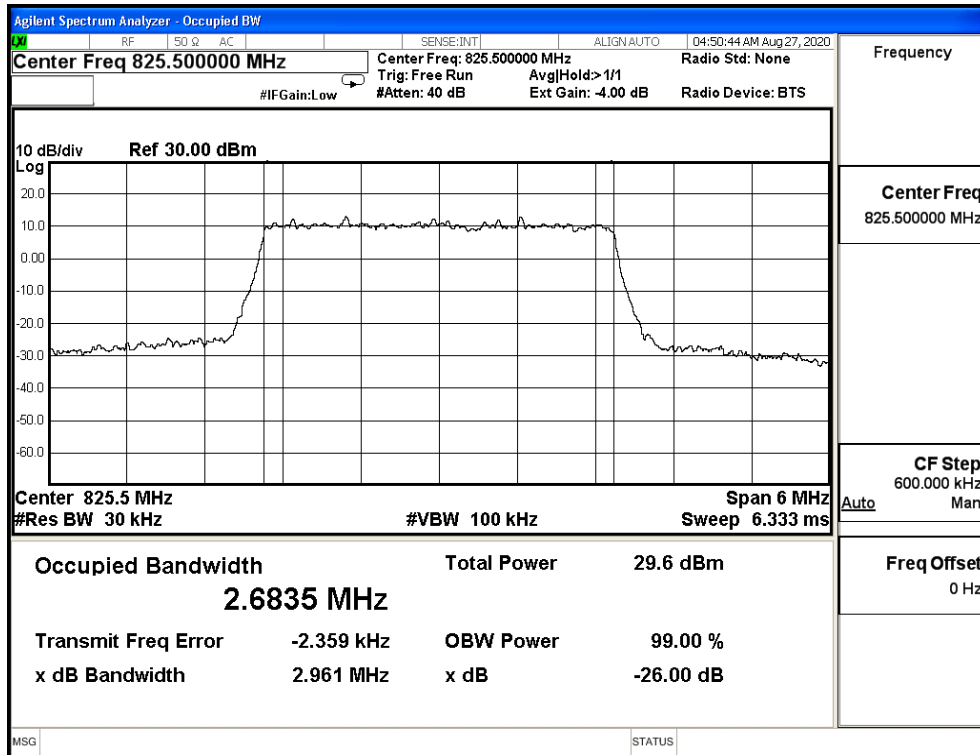
QPSK\_CH26915\_3M



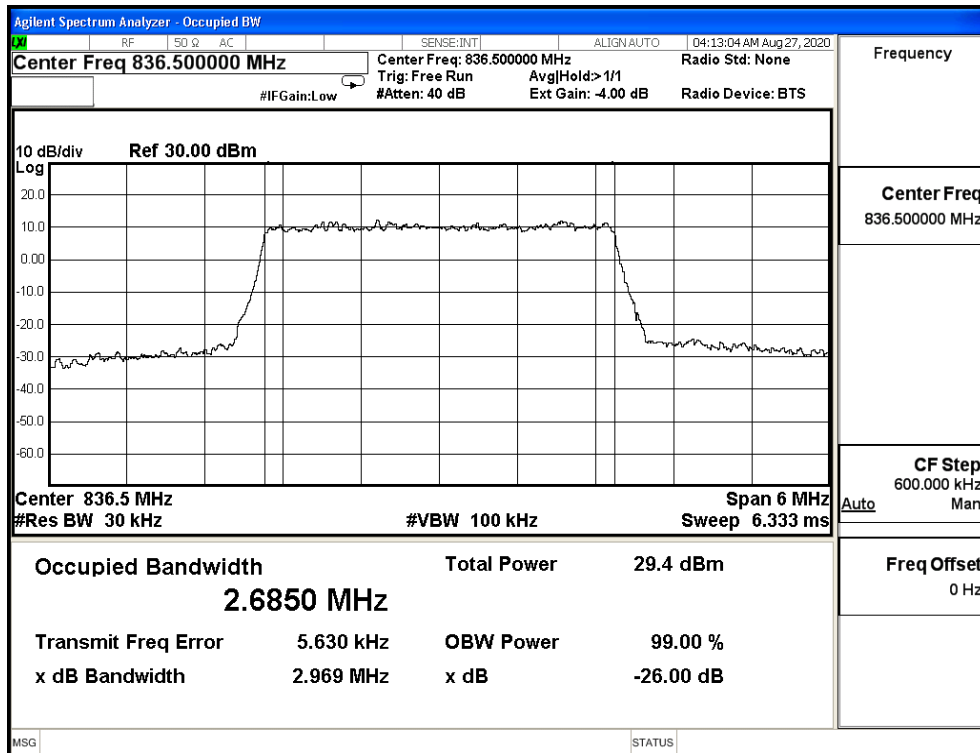
QPSK\_CH27025\_3M



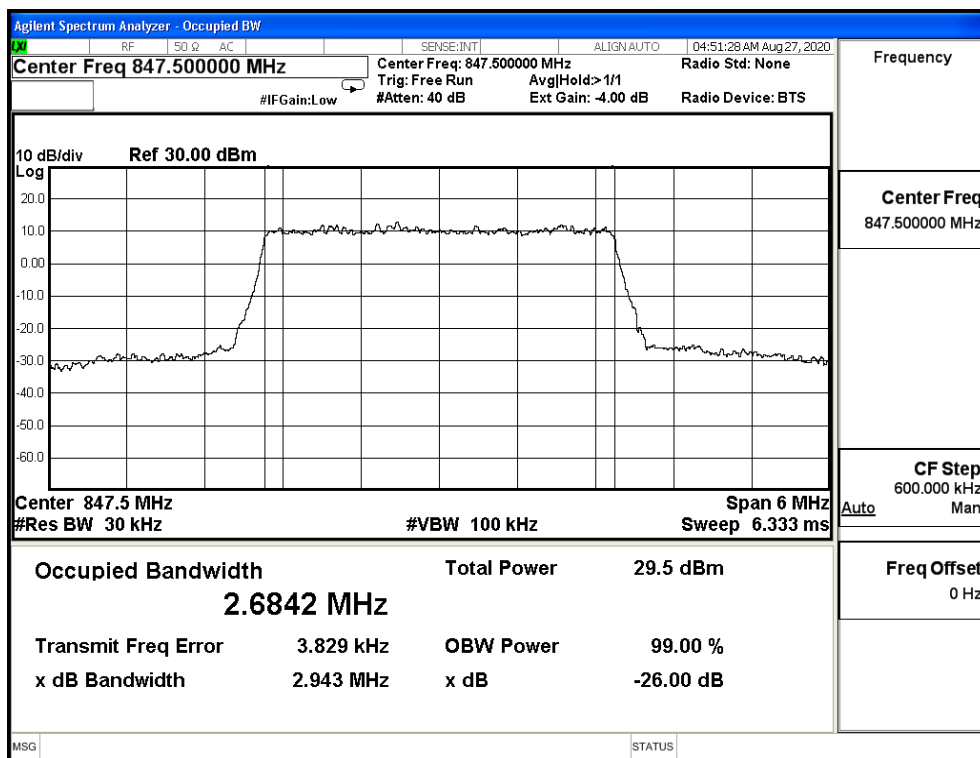
16QAM\_CH26805\_3M



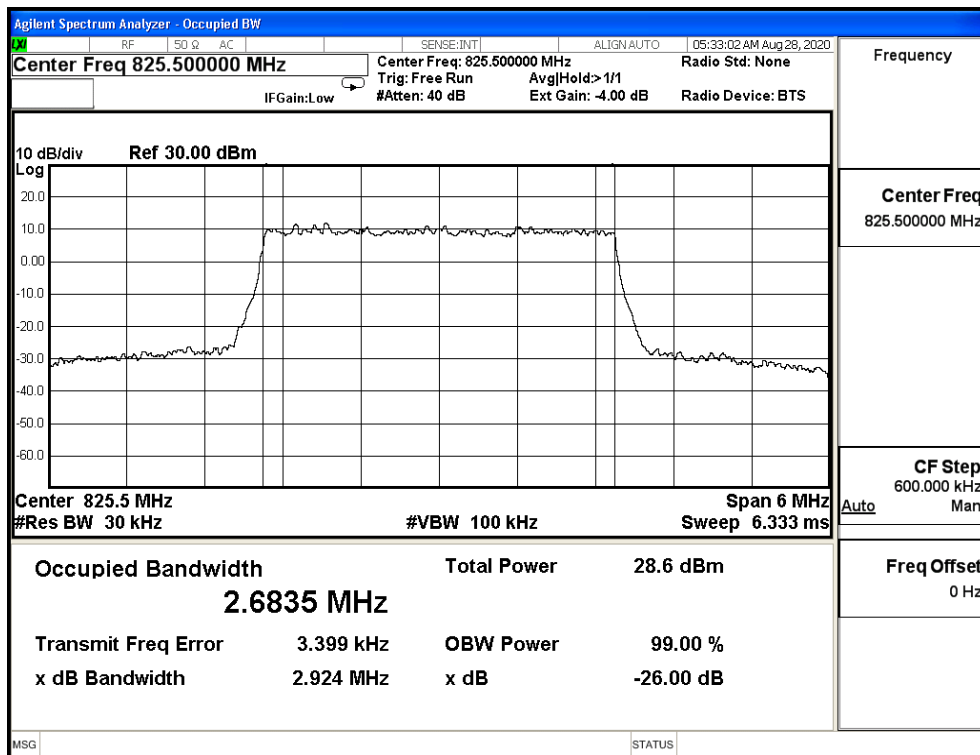
16QAM\_CH26915\_3M



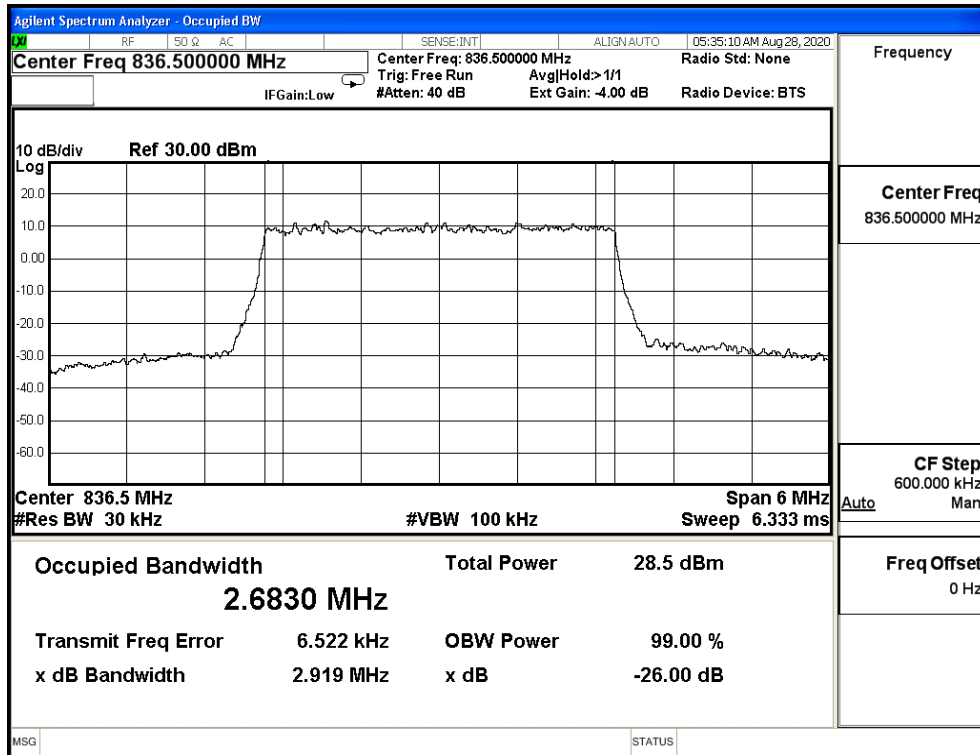
16QAM\_CH27025\_3M



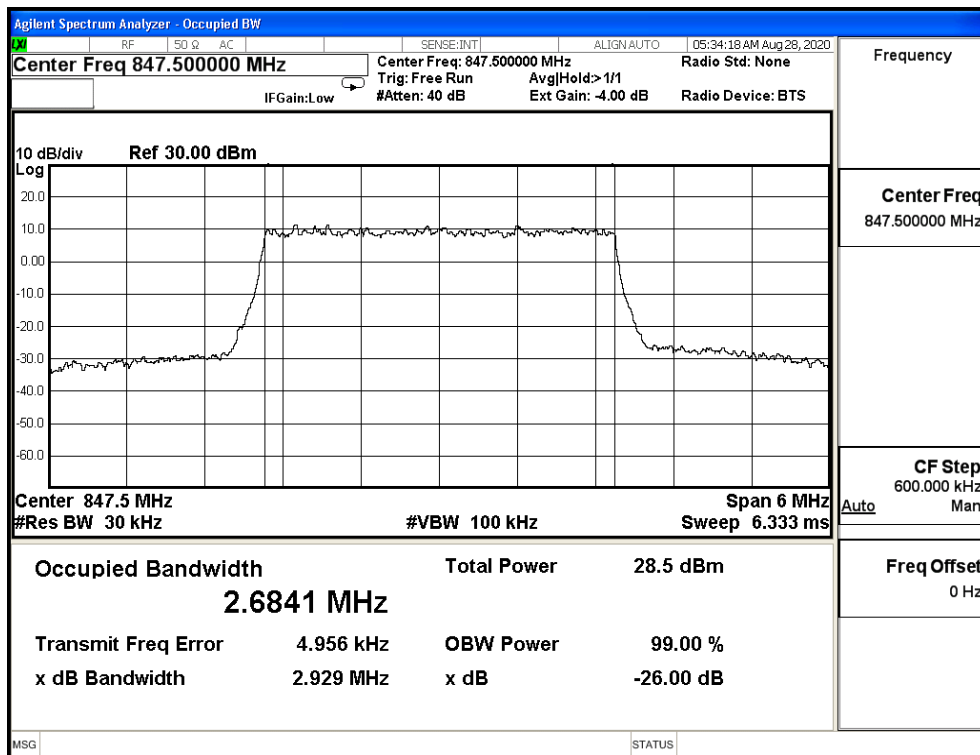
64QAM\_CH26805\_3M



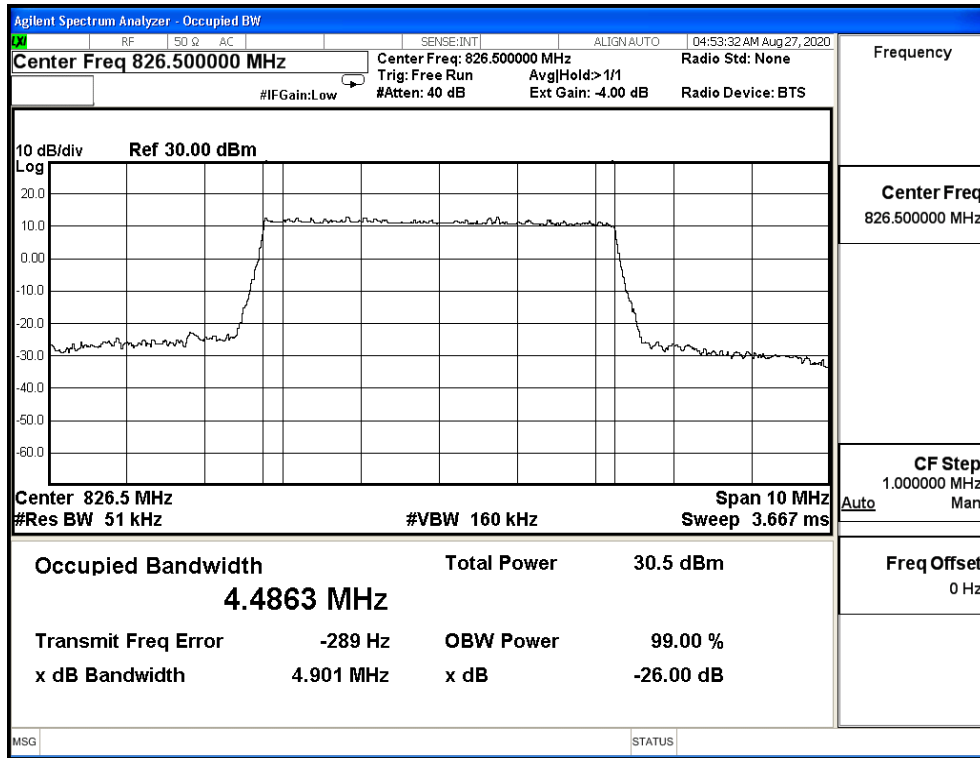
### 64QAM\_CH26915\_3M



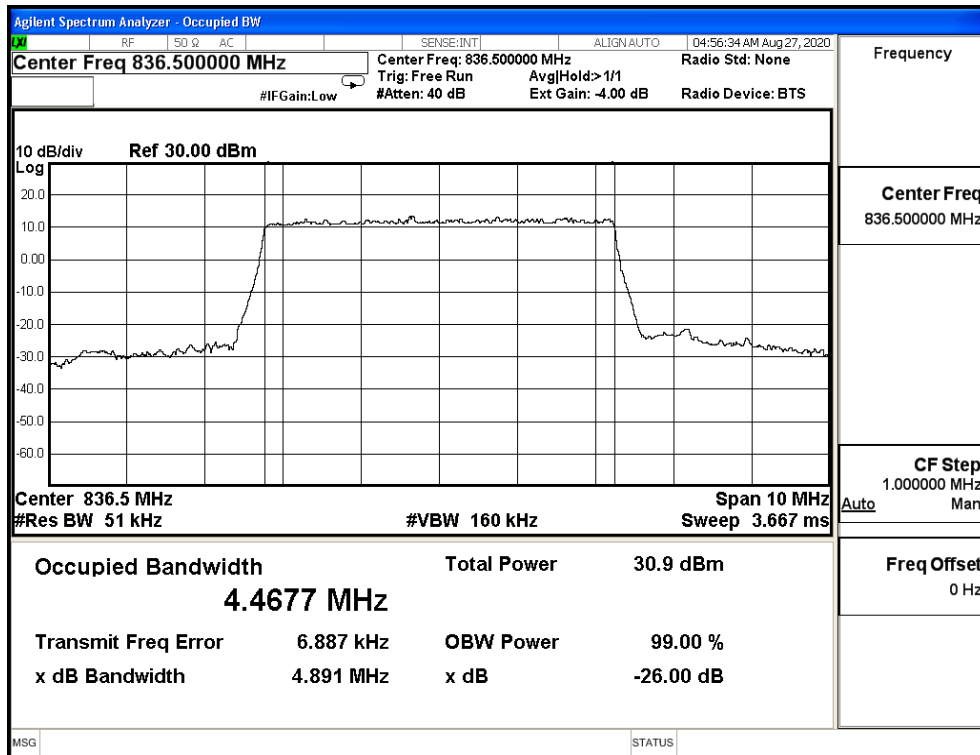
### 64QAM\_CH27025\_3M



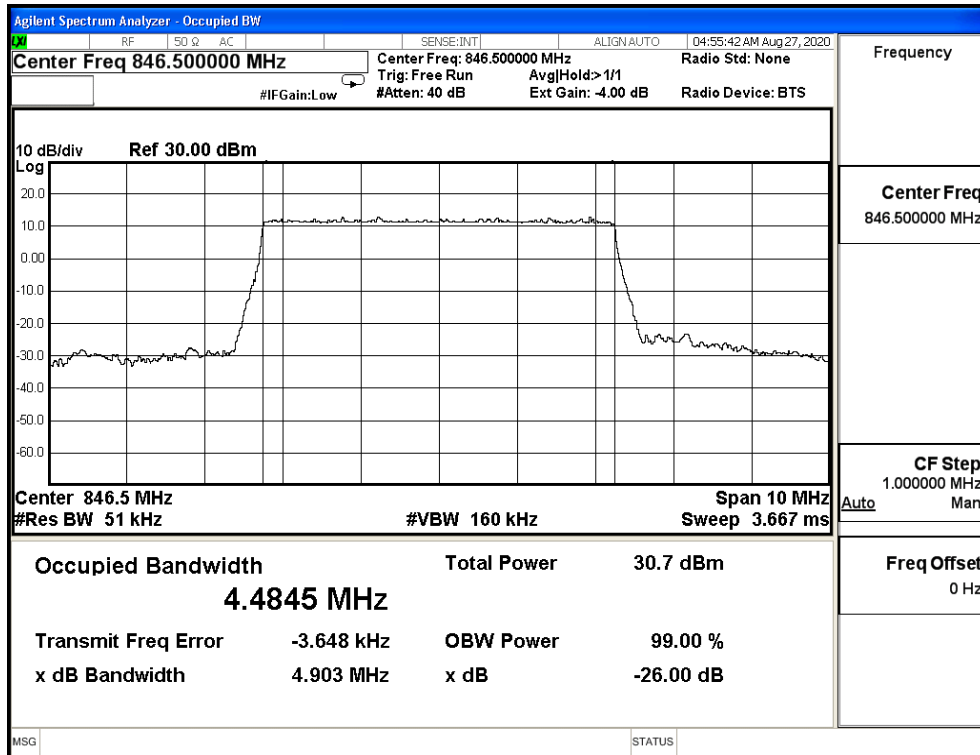
QPSK\_CH26815\_5M



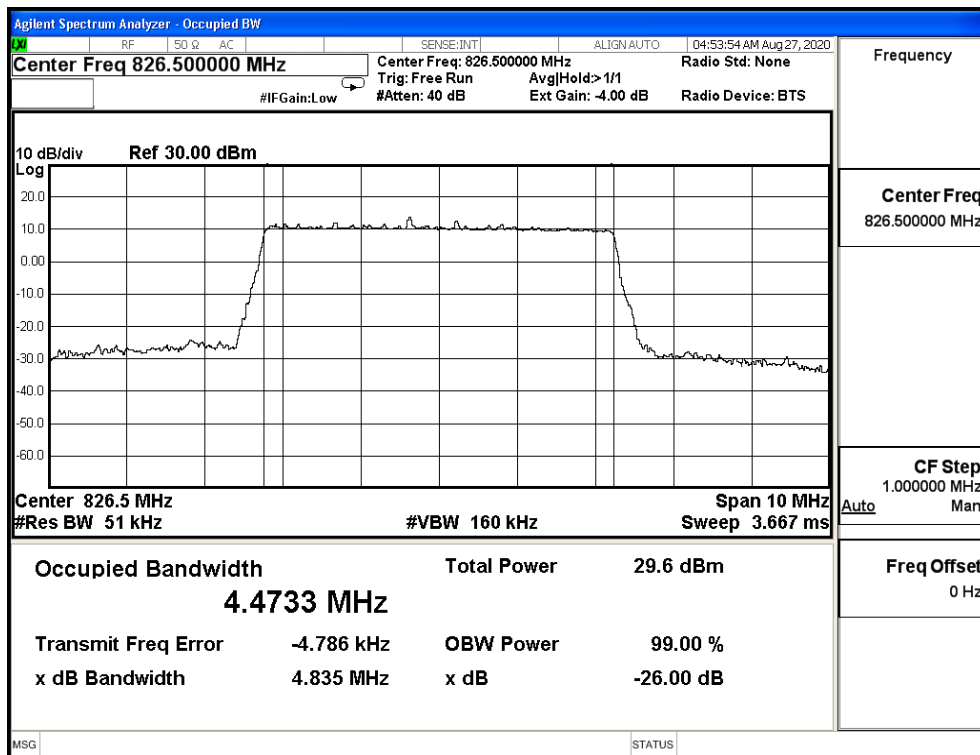
QPSK\_CH26915\_5M



QPSK\_CH27015\_5M

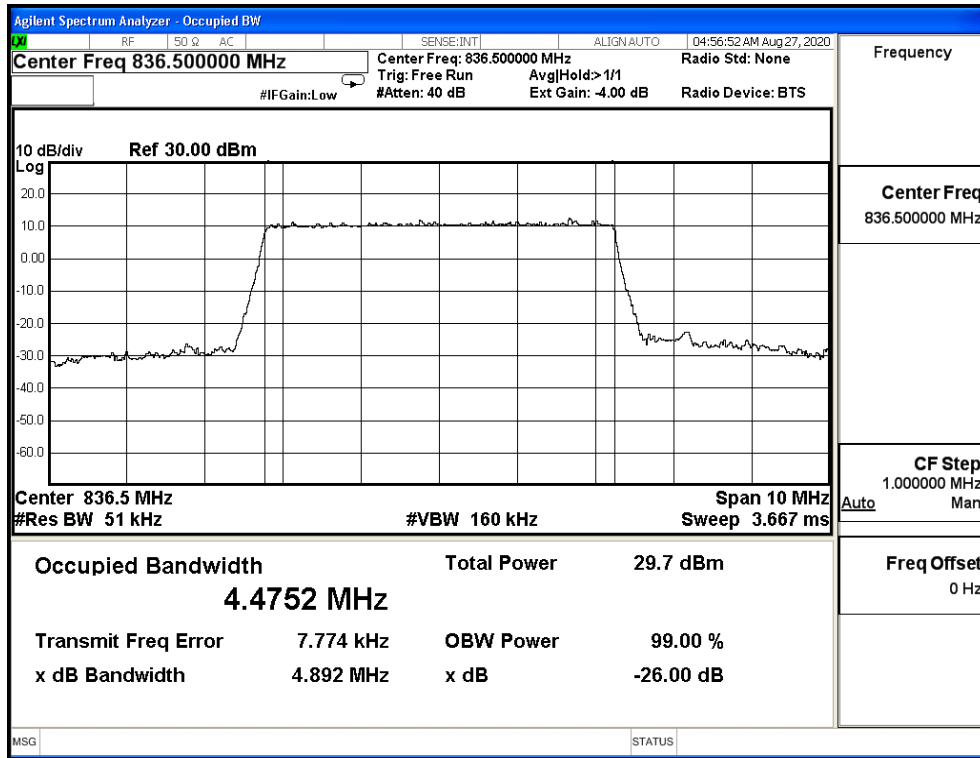


16QAM\_CH26815\_5M

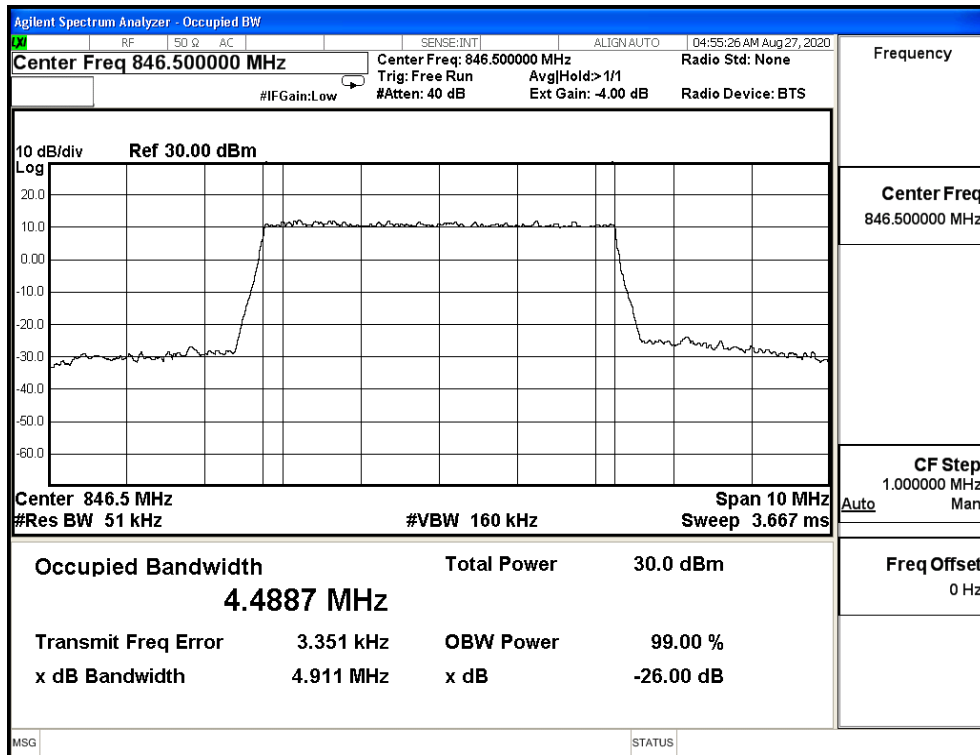




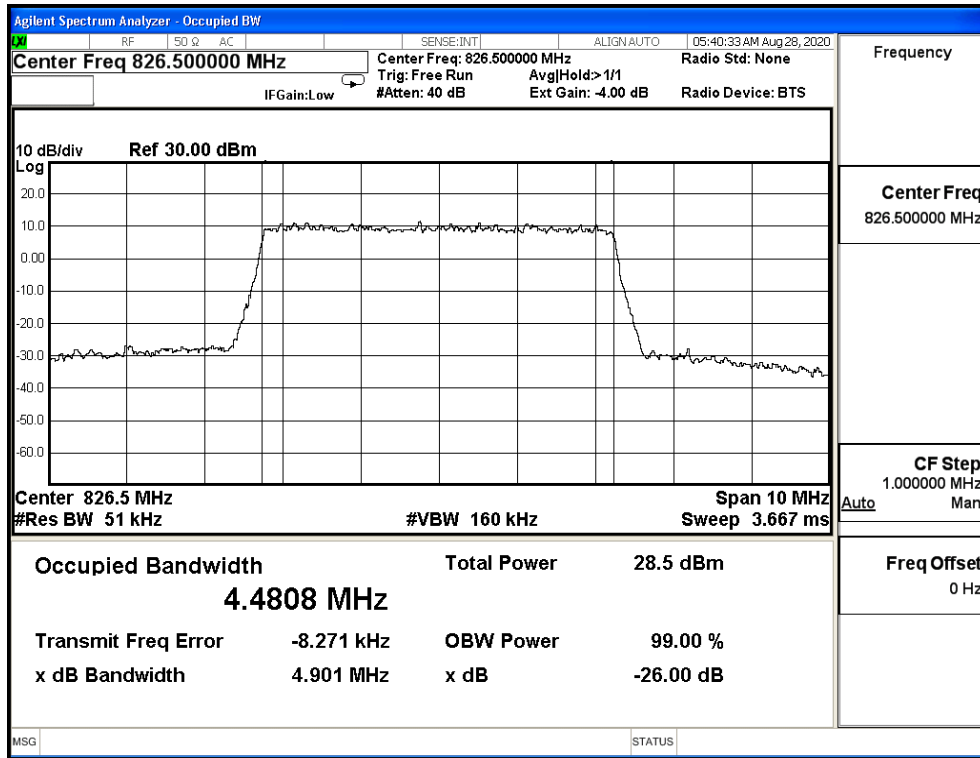
16QAM\_CH26915\_5M



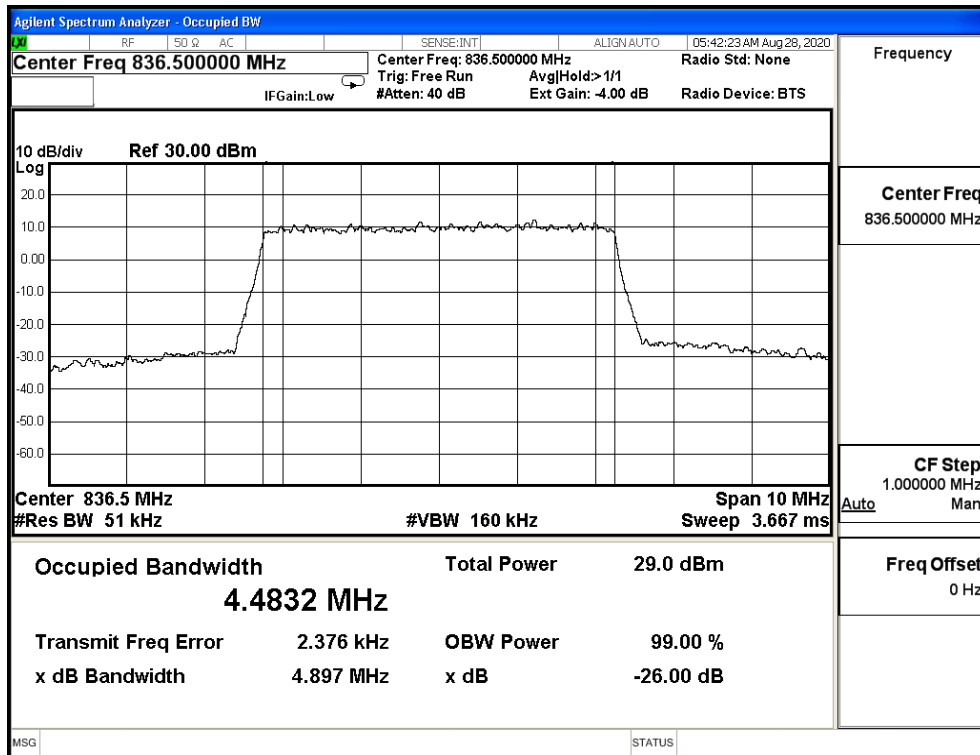
16QAM\_CH27015\_5M



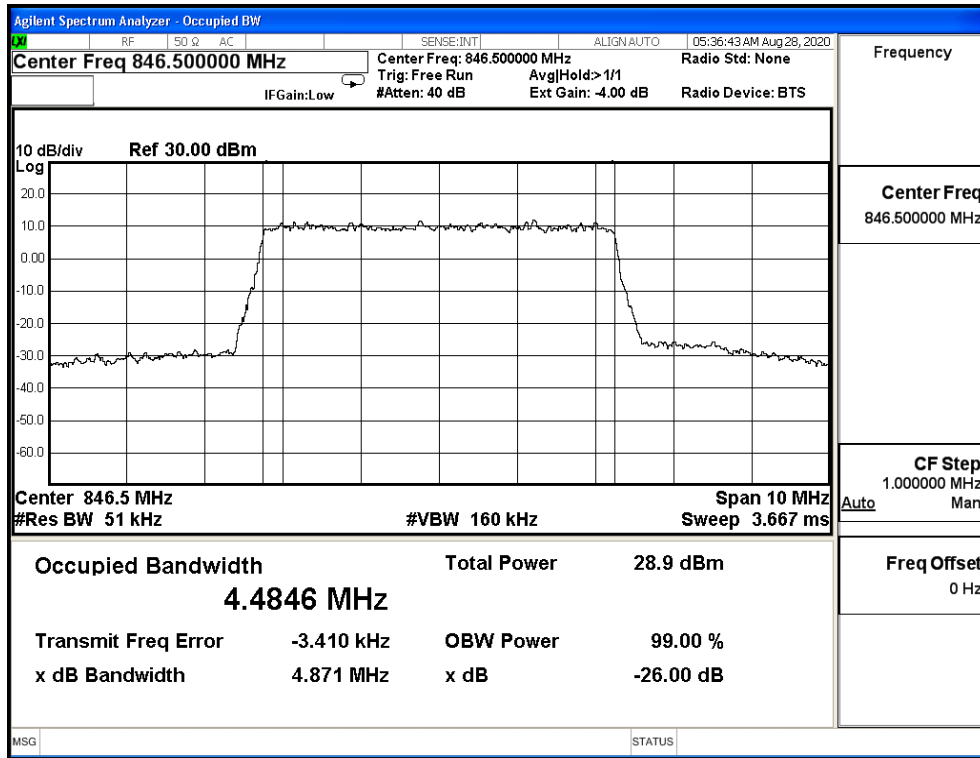
### 64QAM\_CH26815\_5M



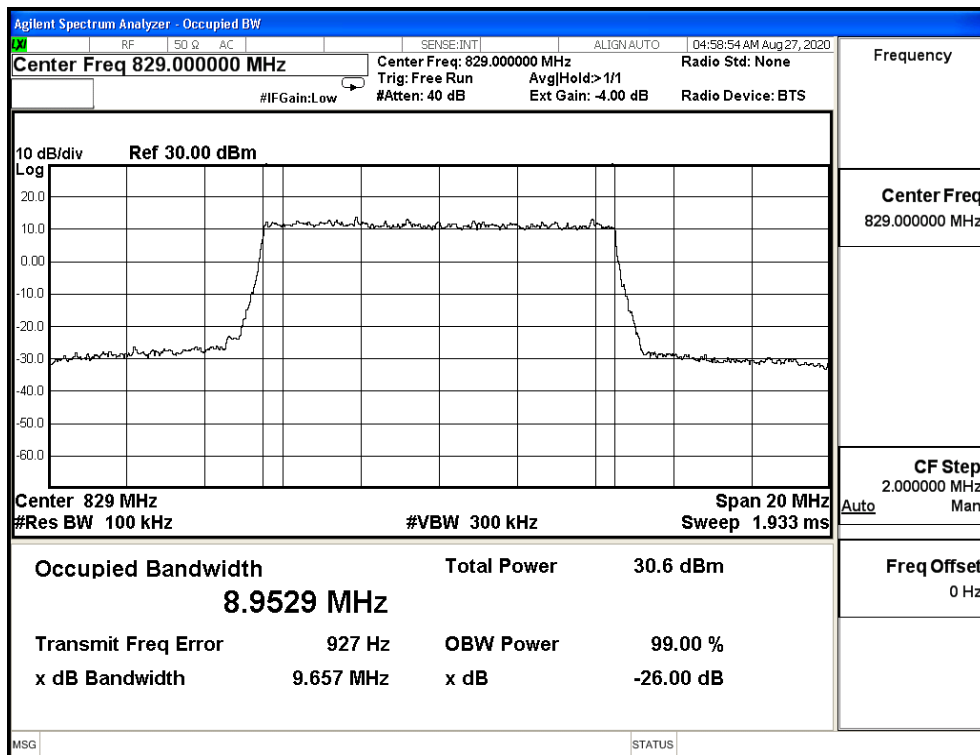
### 64QAM\_CH26915\_5M



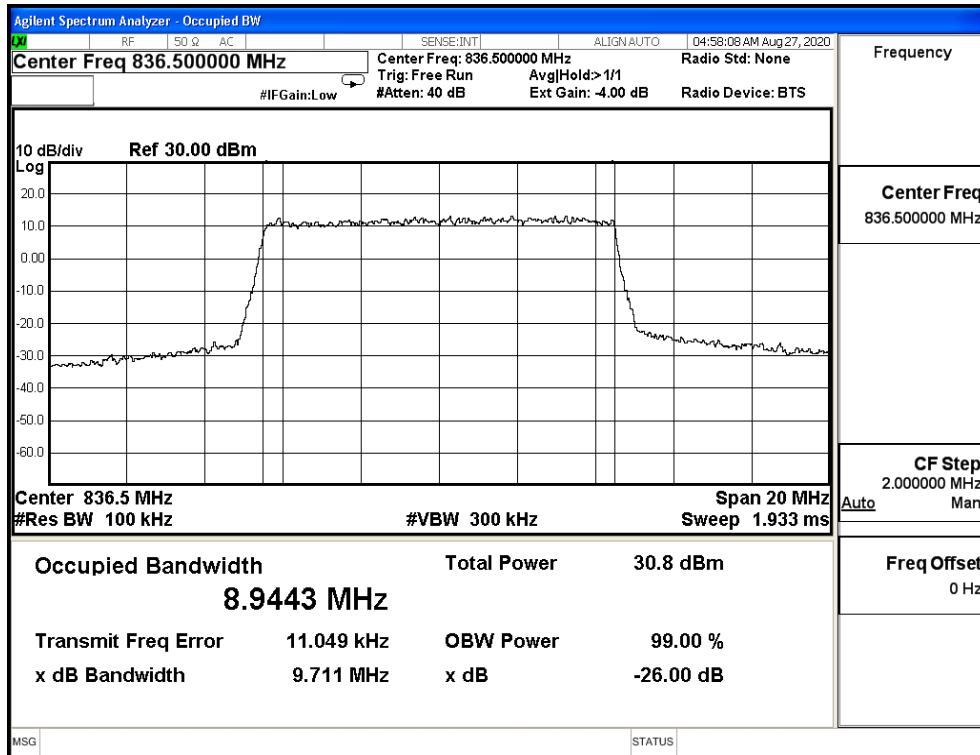
### 64QAM\_CH27015\_5M



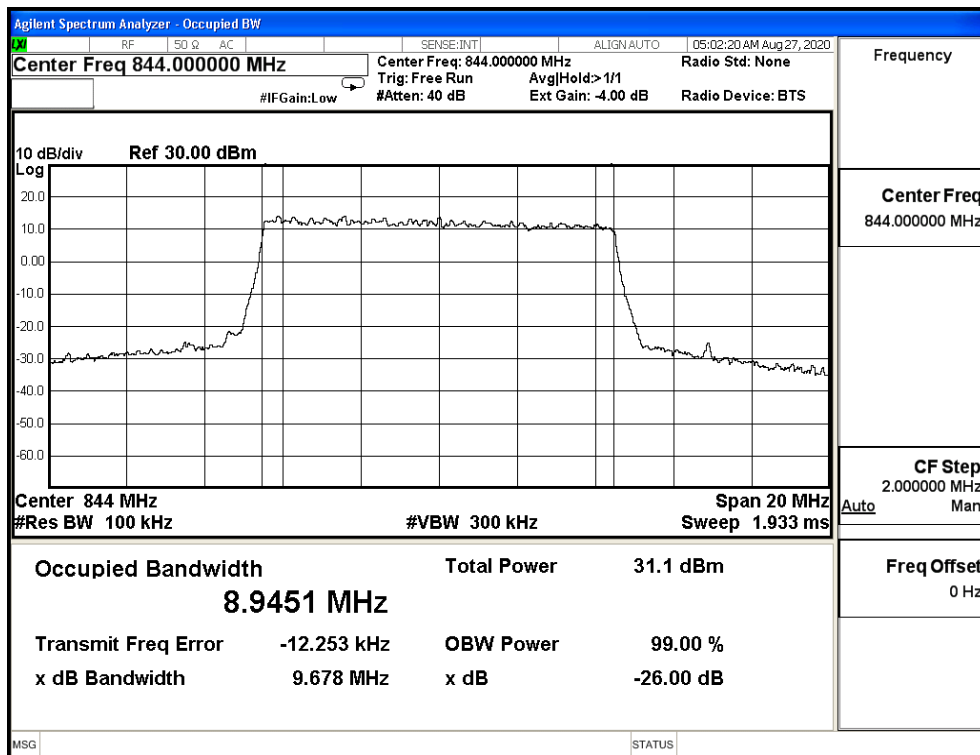
### QPSK\_CH26840\_10M



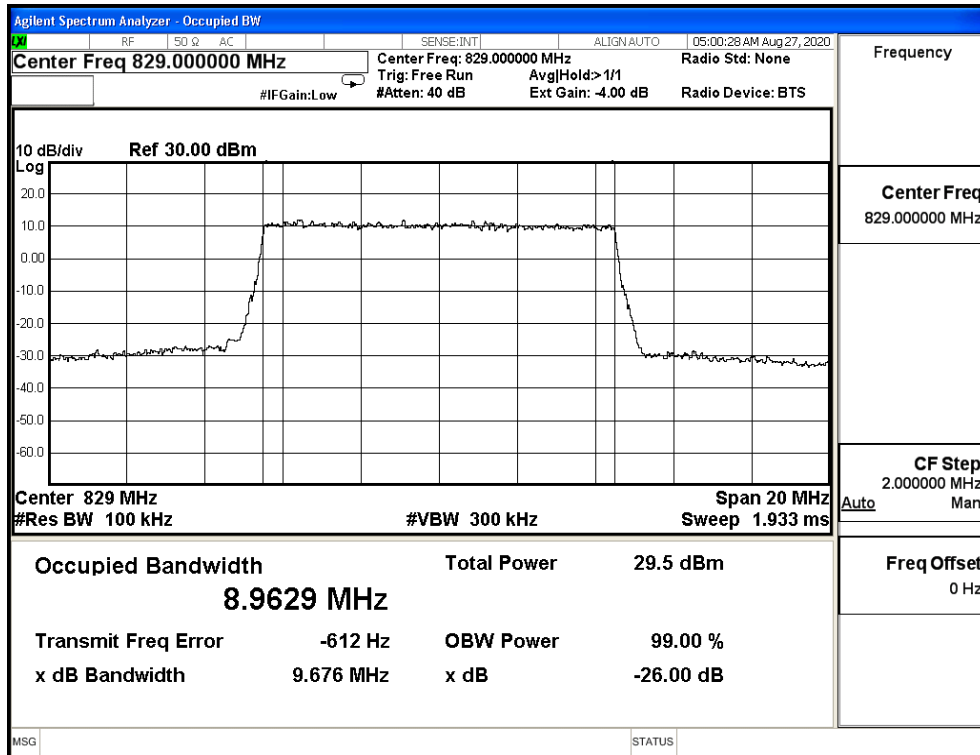
QPSK\_CH26915\_10M



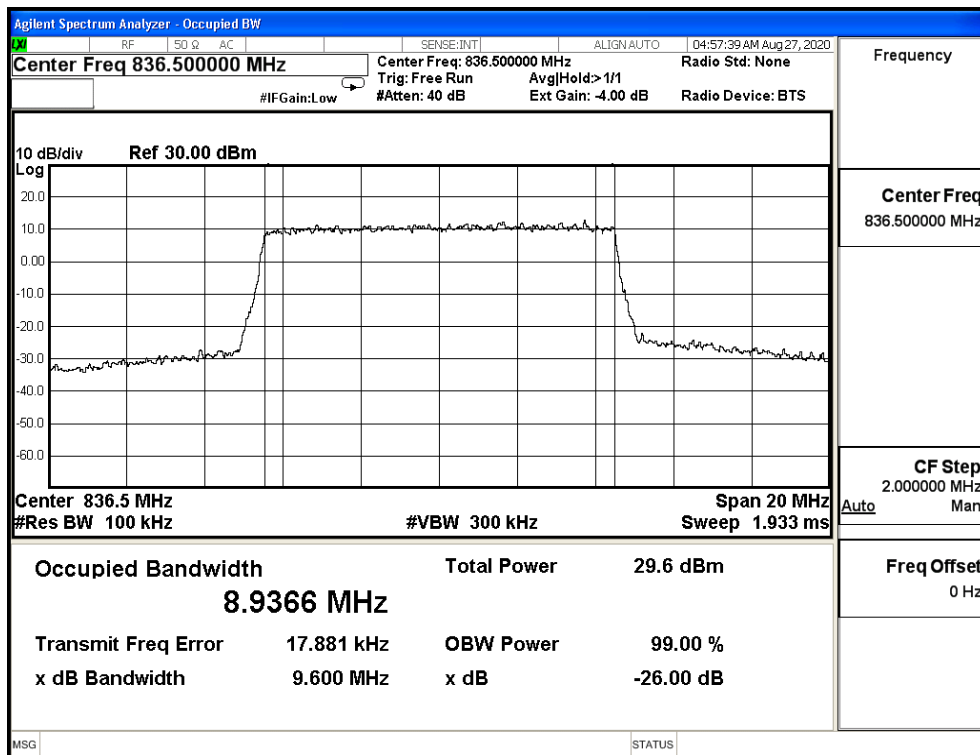
QPSK\_CH26990\_10M



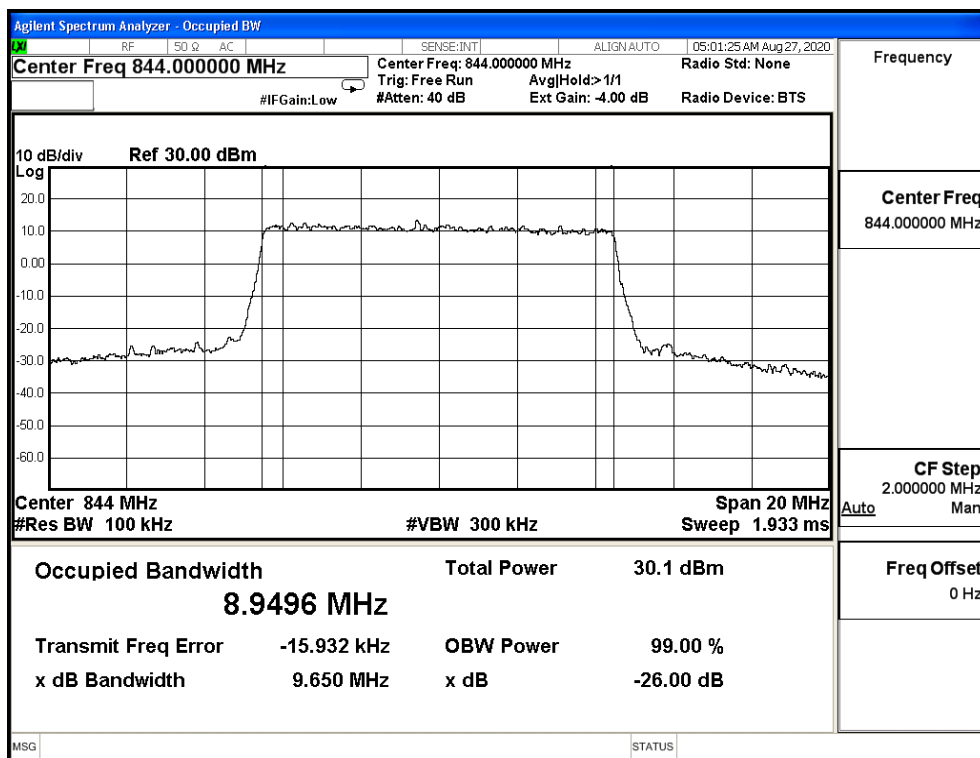
16QAM\_CH26840\_10M



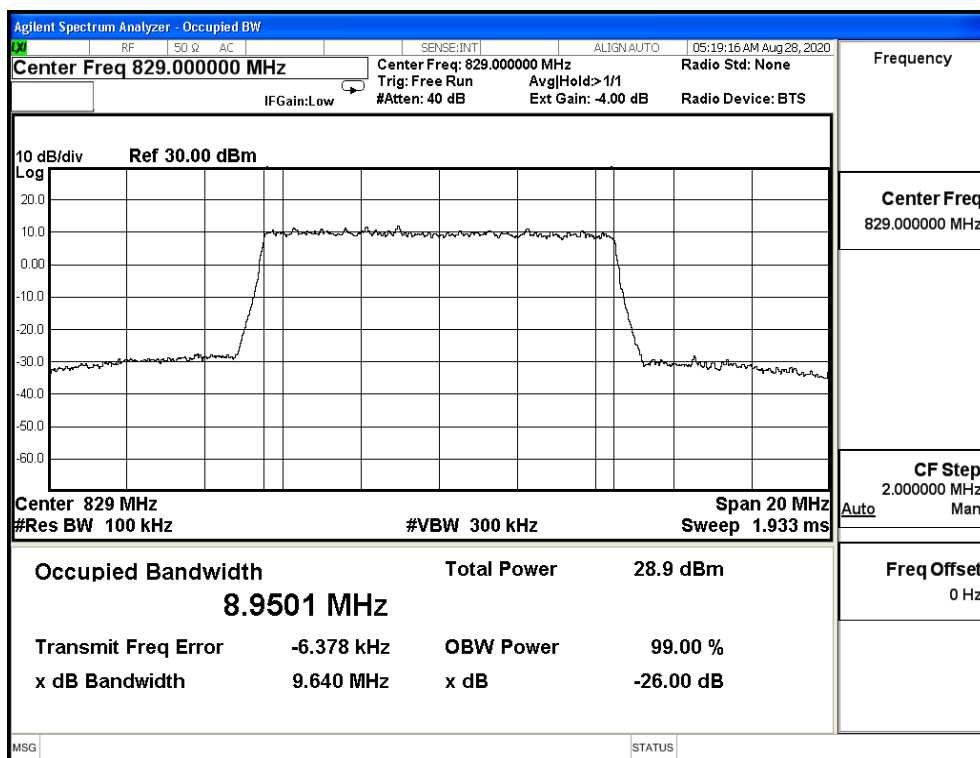
16QAM\_CH26915\_10M



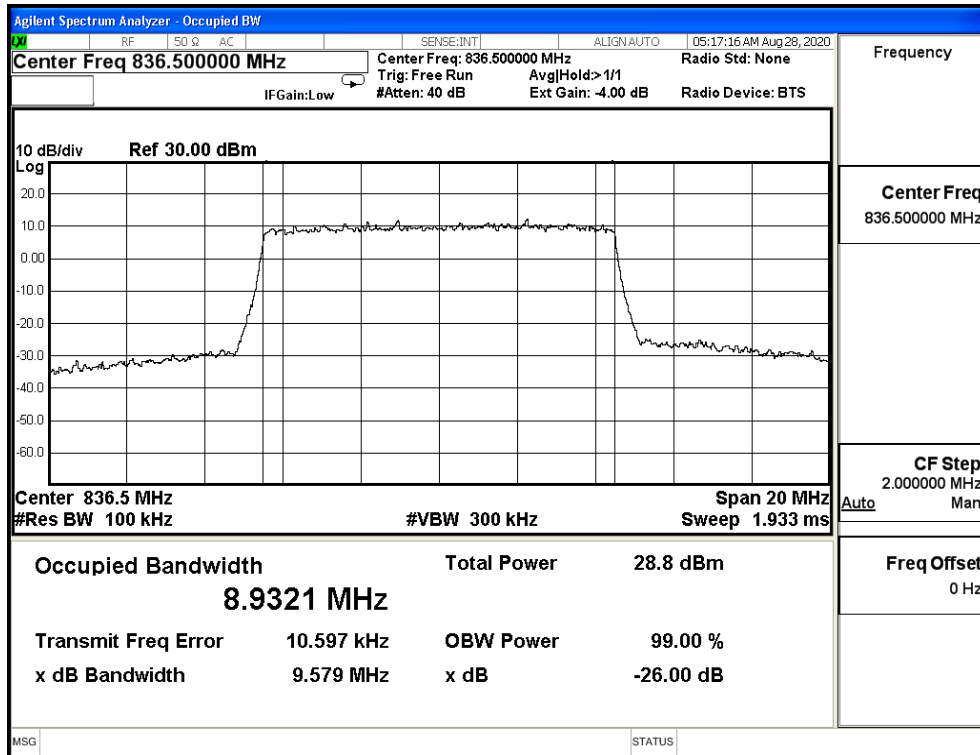
16QAM\_CH26990\_10M



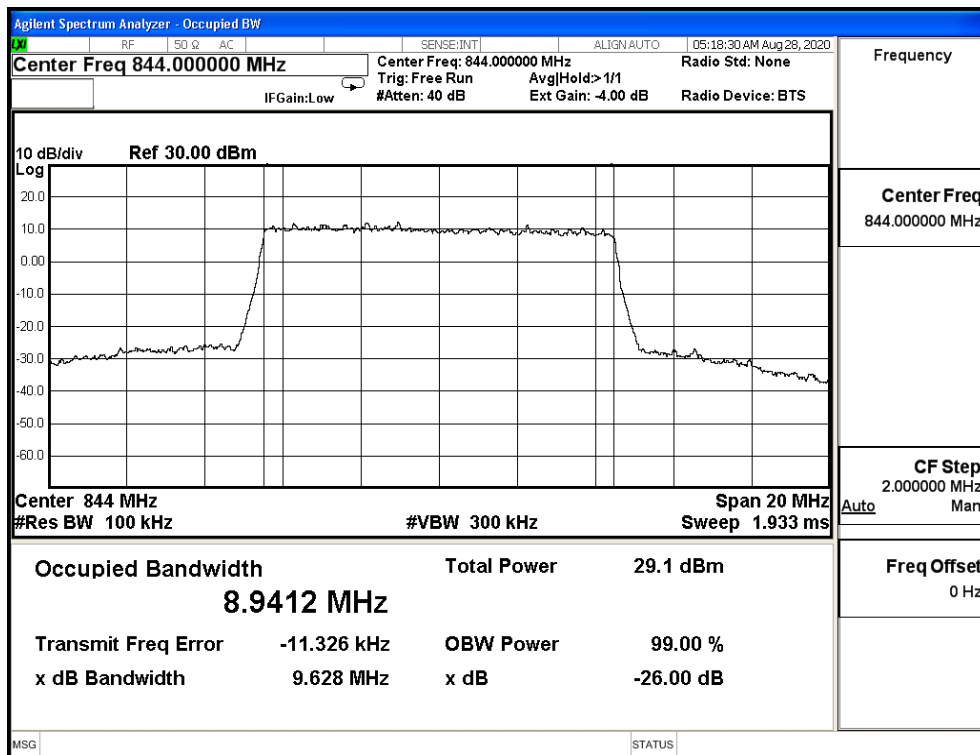
64QAM\_CH26840\_10M



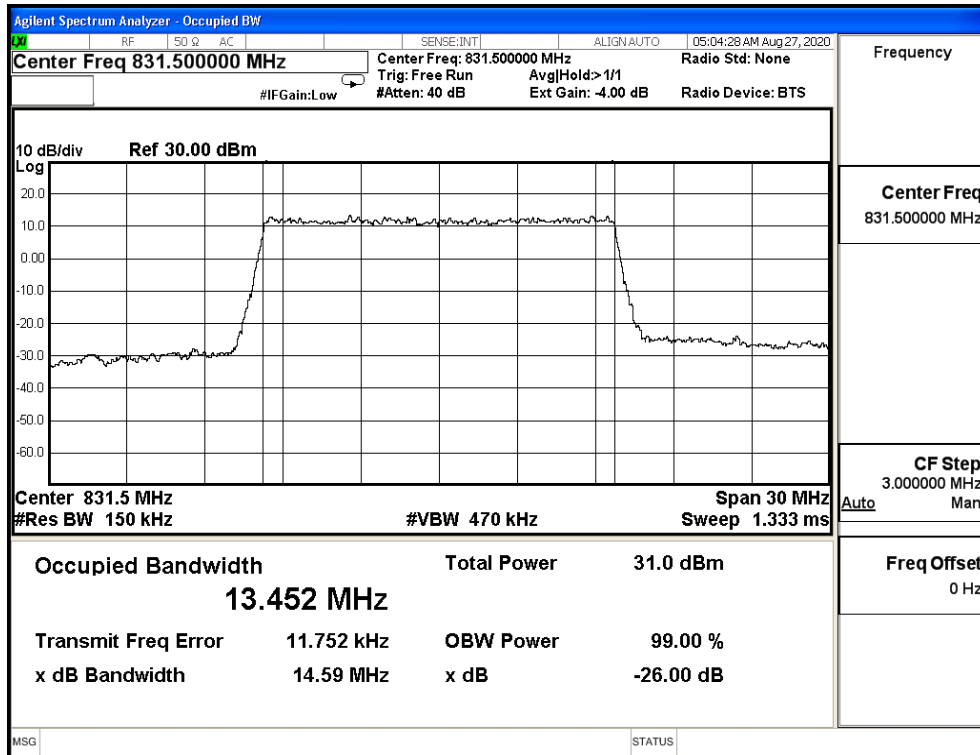
64QAM\_CH26915\_10M



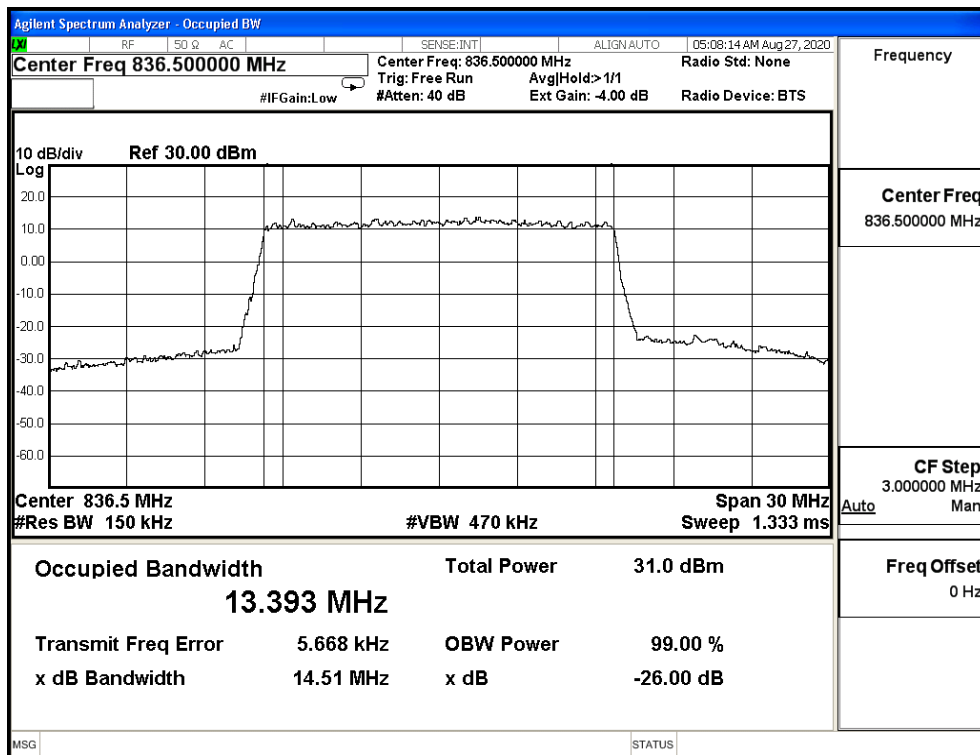
64QAM\_CH26990\_10M



QPSK\_CH26865\_15M

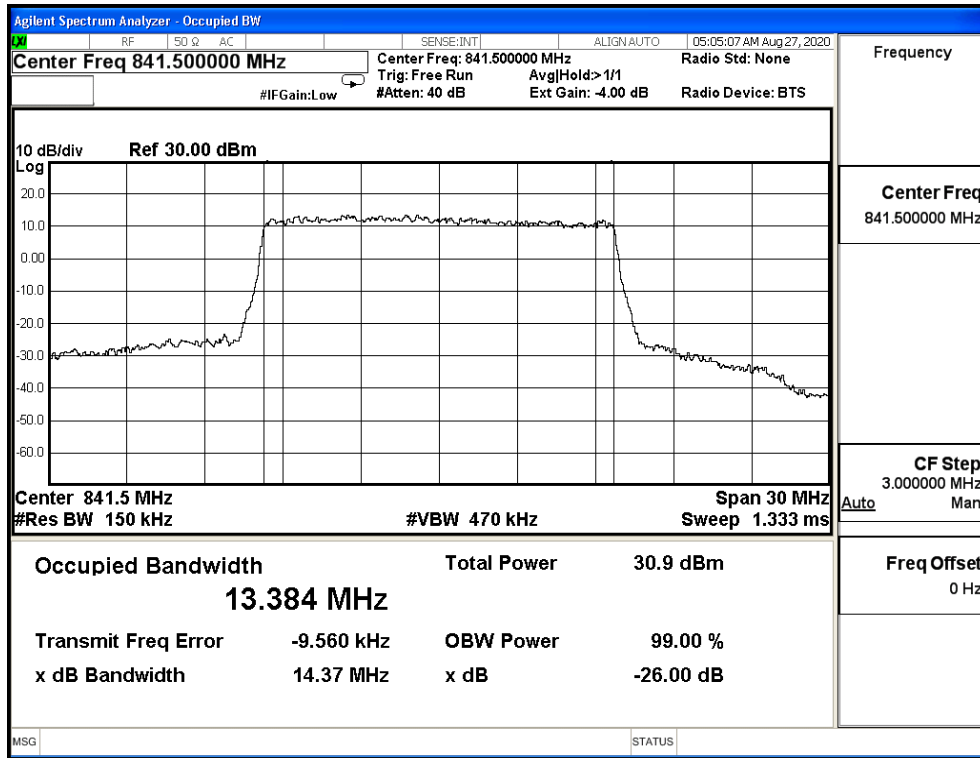


QPSK\_CH26915\_15M

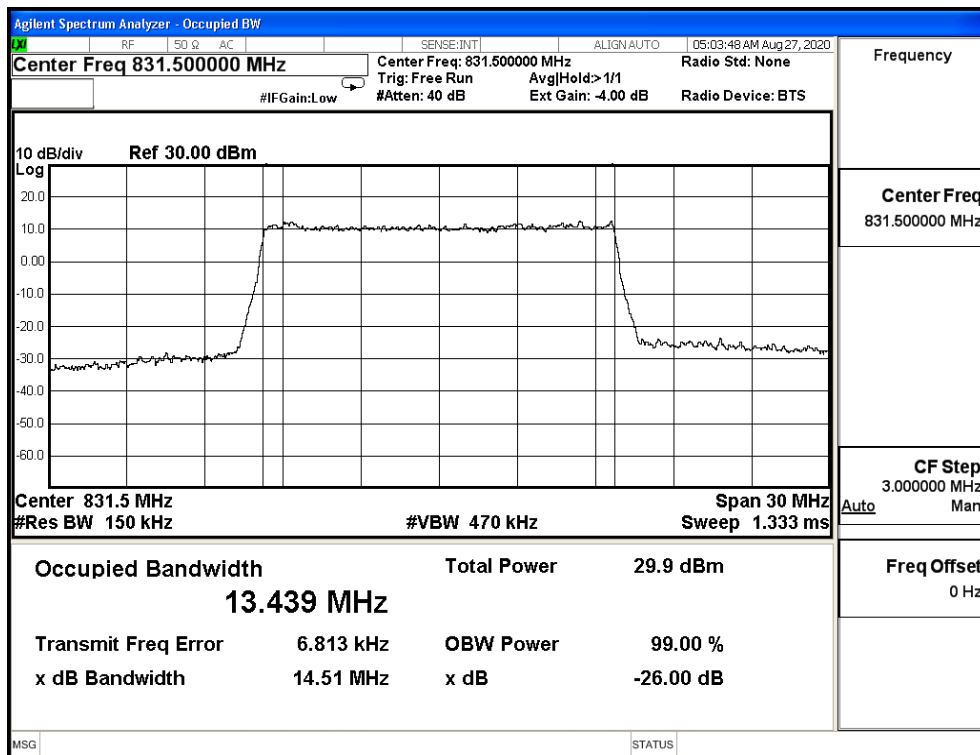




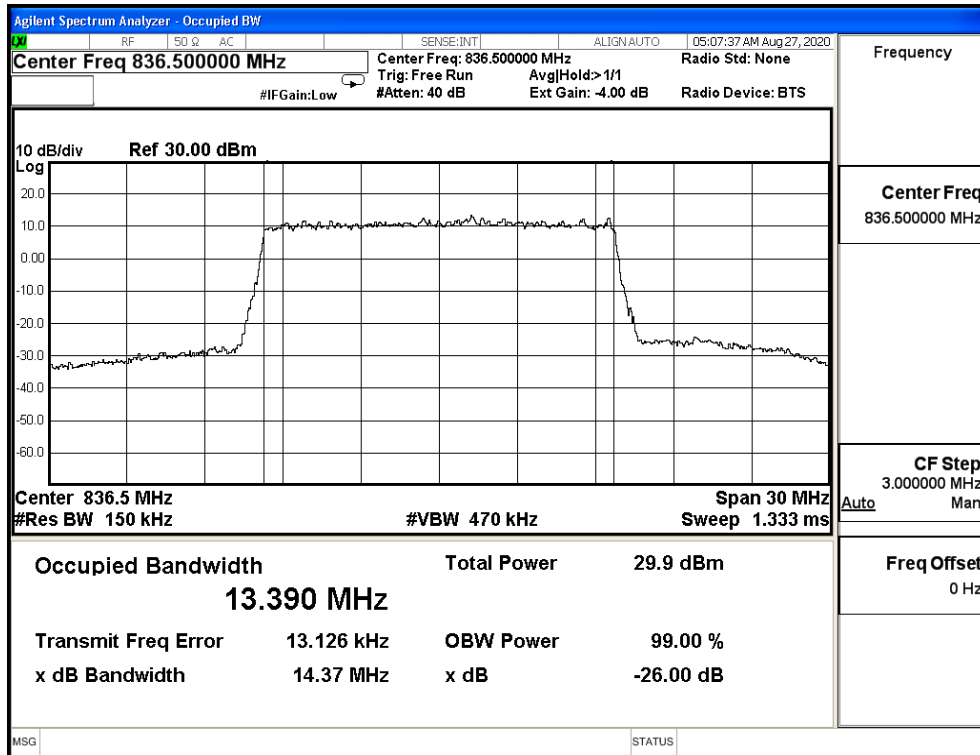
QPSK\_CH26965\_15M



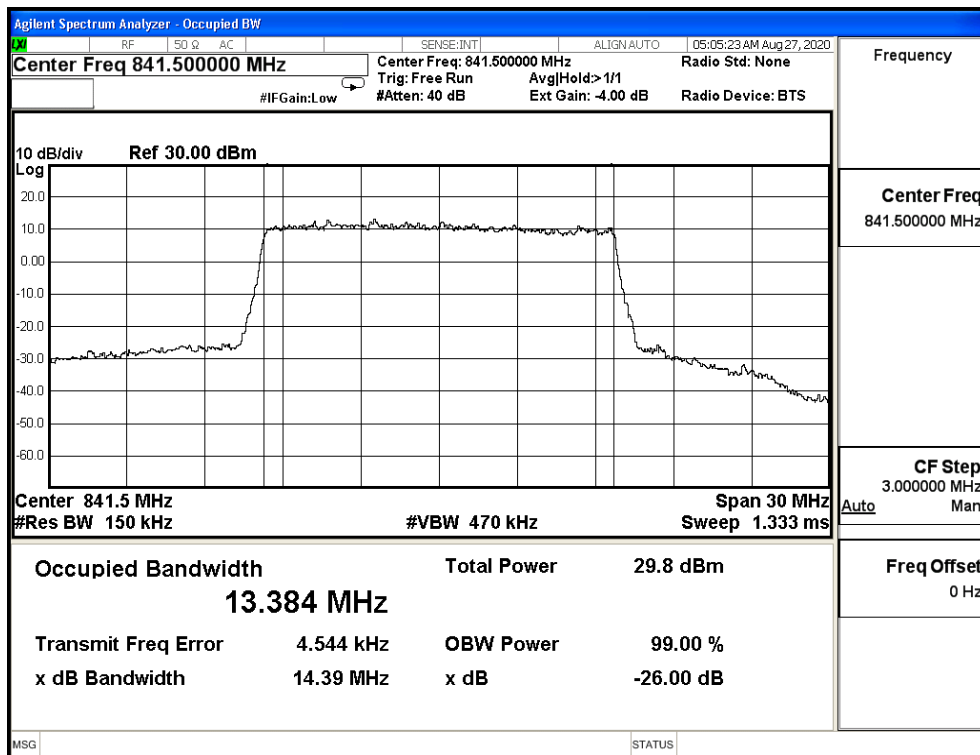
16QAM\_CH26865\_15M



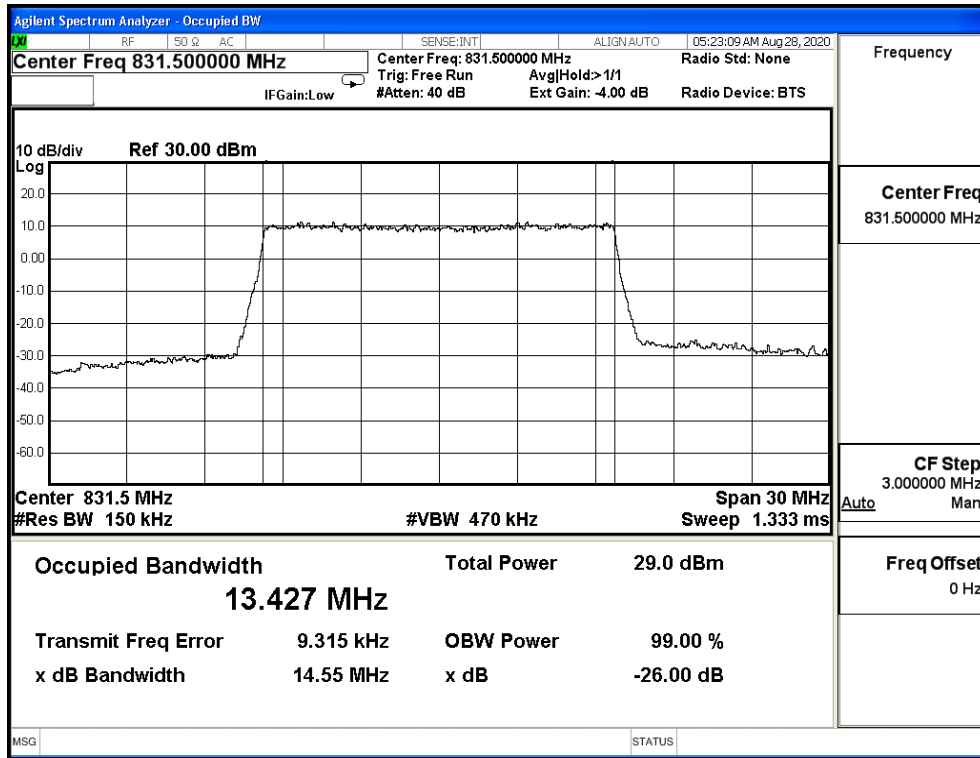
16QAM\_CH26915\_15M



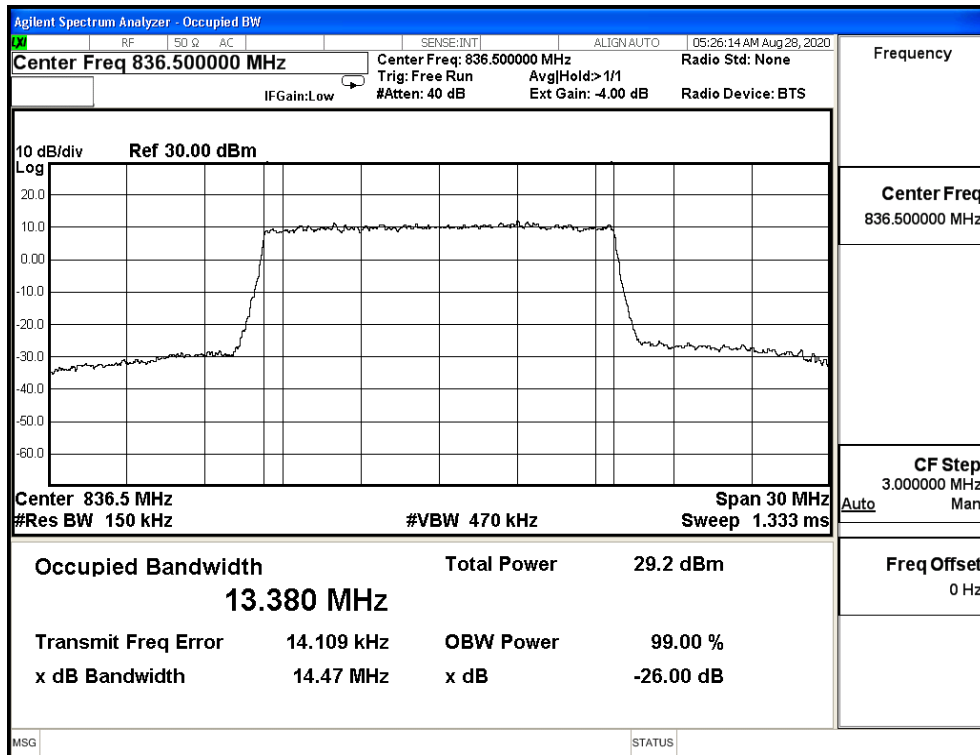
16QAM\_CH26965\_15M



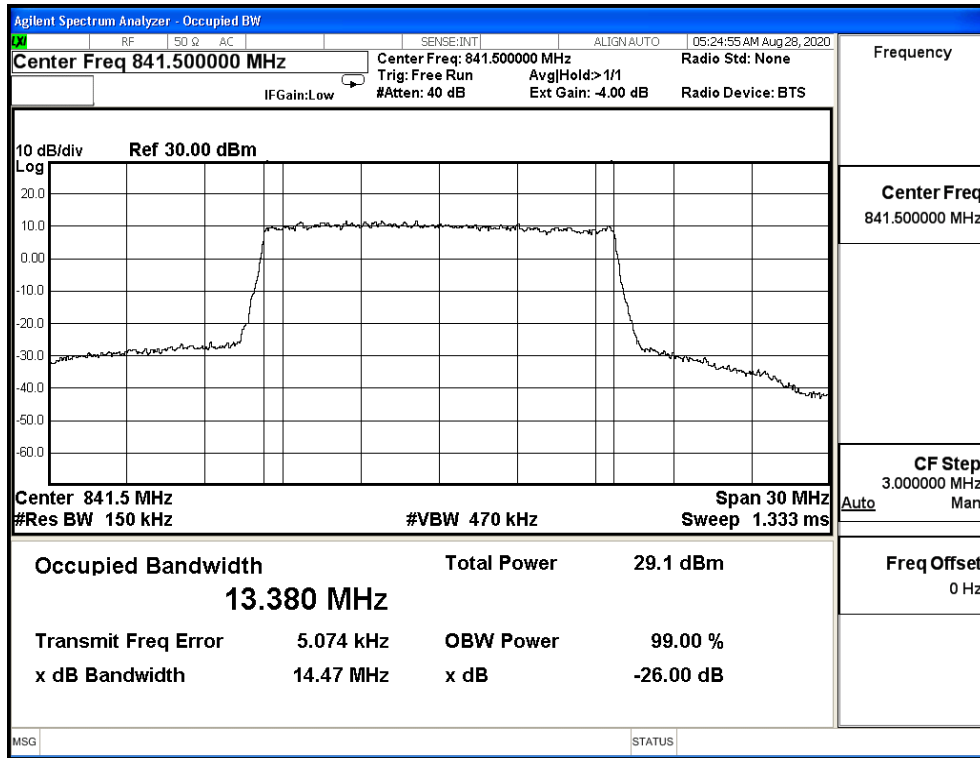
64QAM\_CH26865\_15M



64QAM\_CH26915\_15M



64QAM\_CH26965\_15M

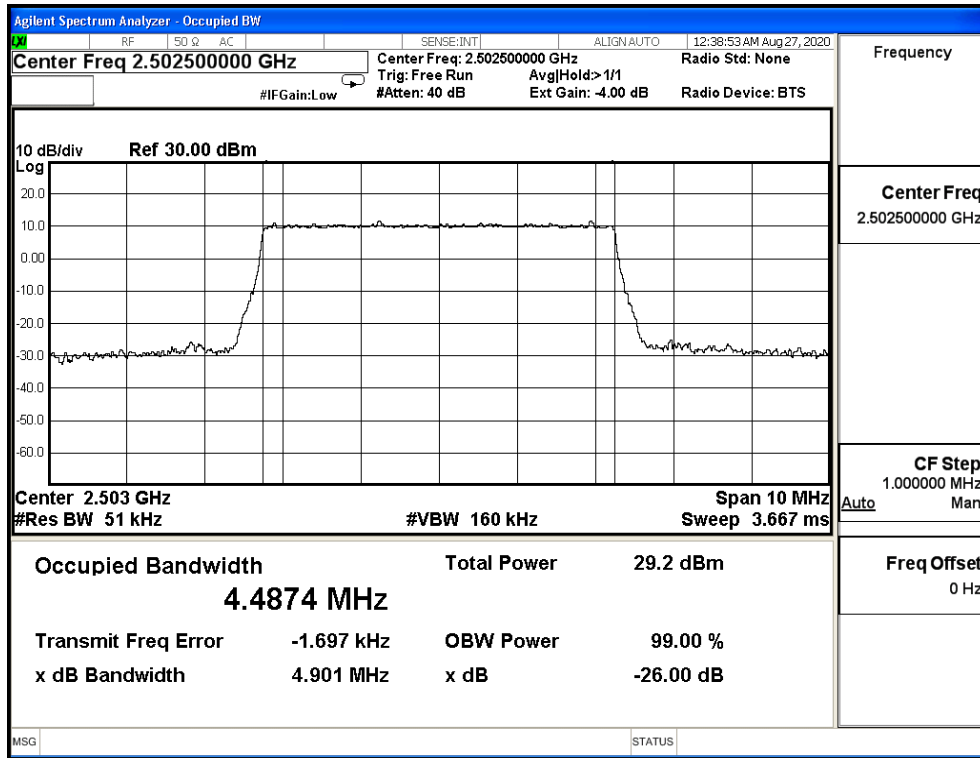


Product	Module		
Test Item	Occupied Bandwidth		
Test Mode	Mode 4: LTE Band 7		
Date of Test	2020/09/02	Test Site	SR12-H
Temperature(°C)	24	Humidity (%RH)	60

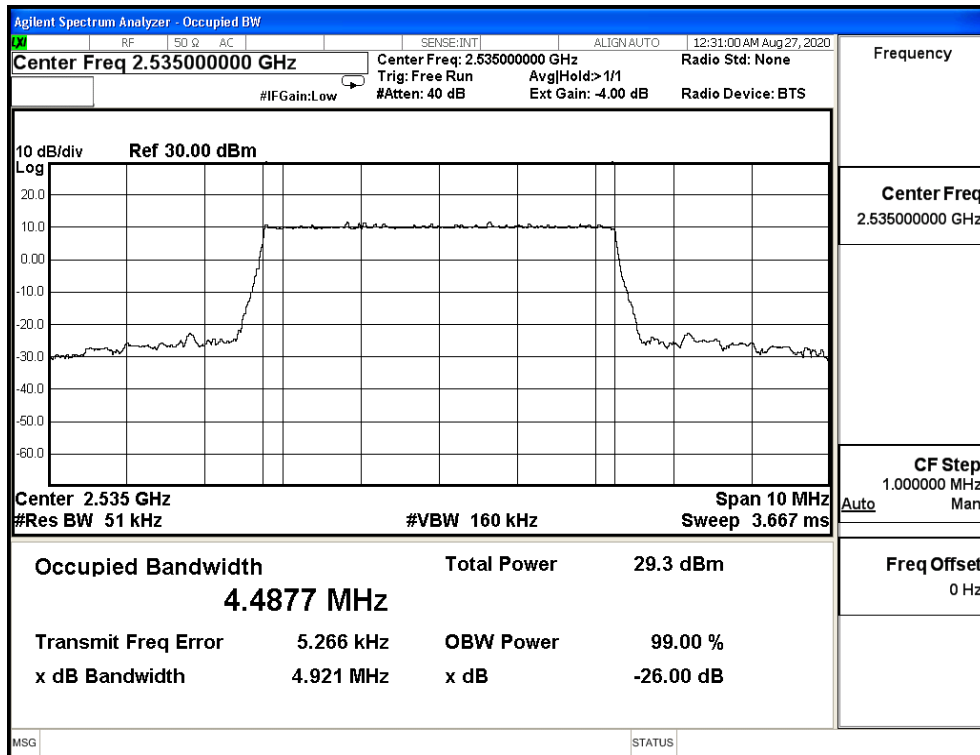
Bandwidth (MHz)	Modulation	Frequency (MHz)	Measure Level (MHz)		Limit (MHz)
			26dB BW	99% BW	
5M	QPSK	2502.5	4.901	4.487	N/A
		2535	4.921	4.488	N/A
		2567.5	4.882	4.469	N/A
	16-QAM	2502.5	4.886	4.477	N/A
		2535	4.865	4.474	N/A
		2567.5	4.922	4.479	N/A
	64-QAM	2502.5	4.881	4.483	N/A
		2535	4.879	4.485	N/A
		2567.5	4.882	4.486	N/A
10M	QPSK	2505	9.650	8.942	N/A
		2535	9.641	8.952	N/A
		2565	9.719	8.963	N/A
	16-QAM	2505	9.642	8.949	N/A
		2535	9.658	8.950	N/A
		2565	9.592	8.947	N/A
	64-QAM	2505	9.634	8.936	N/A
		2535	9.628	8.944	N/A
		2565	9.619	8.939	N/A
15M	QPSK	2507.5	14.410	13.402	N/A
		2535	14.490	13.434	N/A
		2562.5	14.450	13.403	N/A
	16-QAM	2507.5	14.450	13.400	N/A
		2535	14.450	13.413	N/A
		2562.5	14.460	13.414	N/A
	64-QAM	2507.5	14.440	13.385	N/A
		2535	14.560	13.406	N/A
		2562.5	14.440	13.395	N/A

Bandwidth (MHz)	Modulation	Frequency (MHz)	Measure Level (MHz)		Limit (MHz)
			26dB BW	99% BW	
20M	QPSK	2510	19.080	17.872	N/A
		2535	19.020	17.904	N/A
		2560	19.420	17.895	N/A
	16-QAM	2510	19.180	17.906	N/A
		2535	19.160	17.906	N/A
		2560	19.120	17.882	N/A
	64-QAM	2510	19.160	17.855	N/A
		2535	19.290	17.882	N/A
		2560	19.250	17.857	N/A

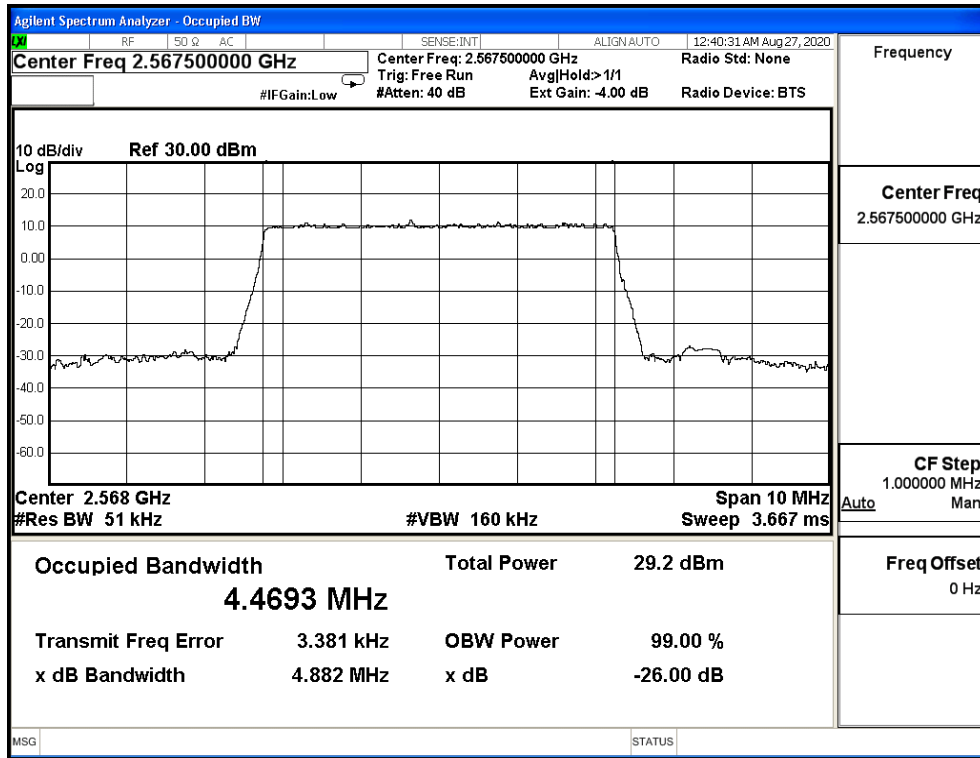
QPSK\_CH20775\_5M



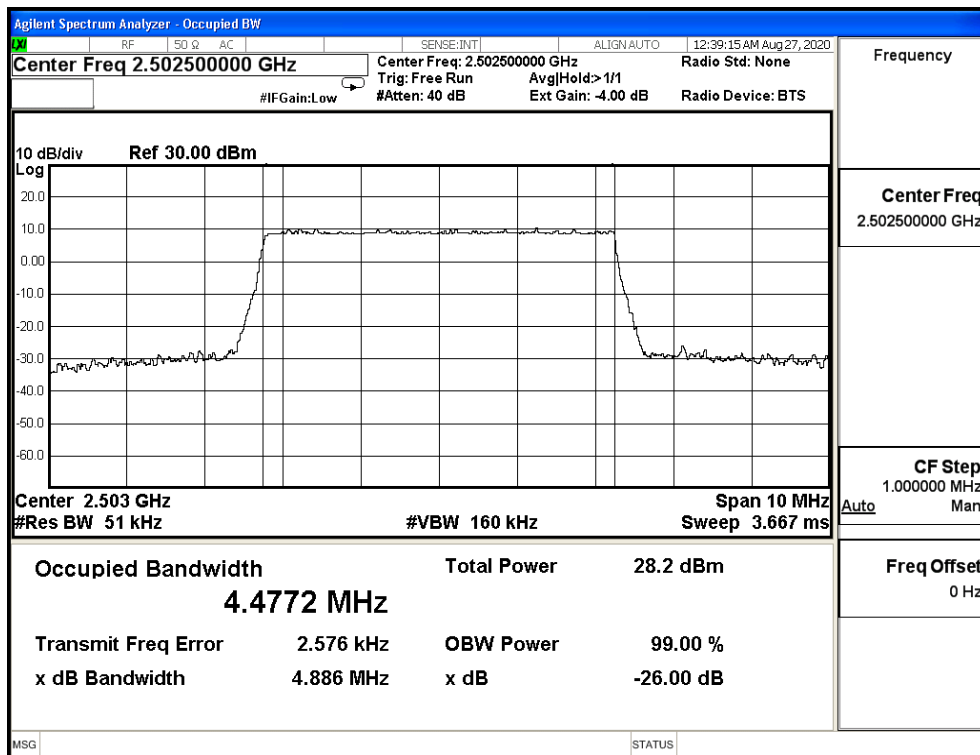
QPSK\_CH21100\_5M



QPSK\_CH21425\_5M

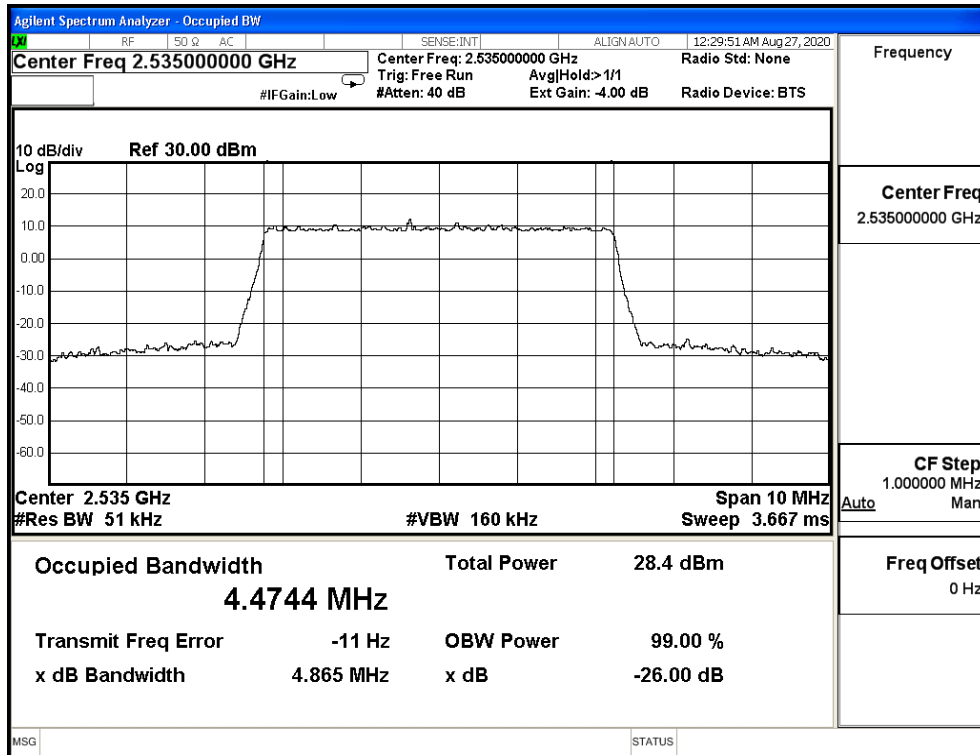


16QAM\_CH20775\_5M

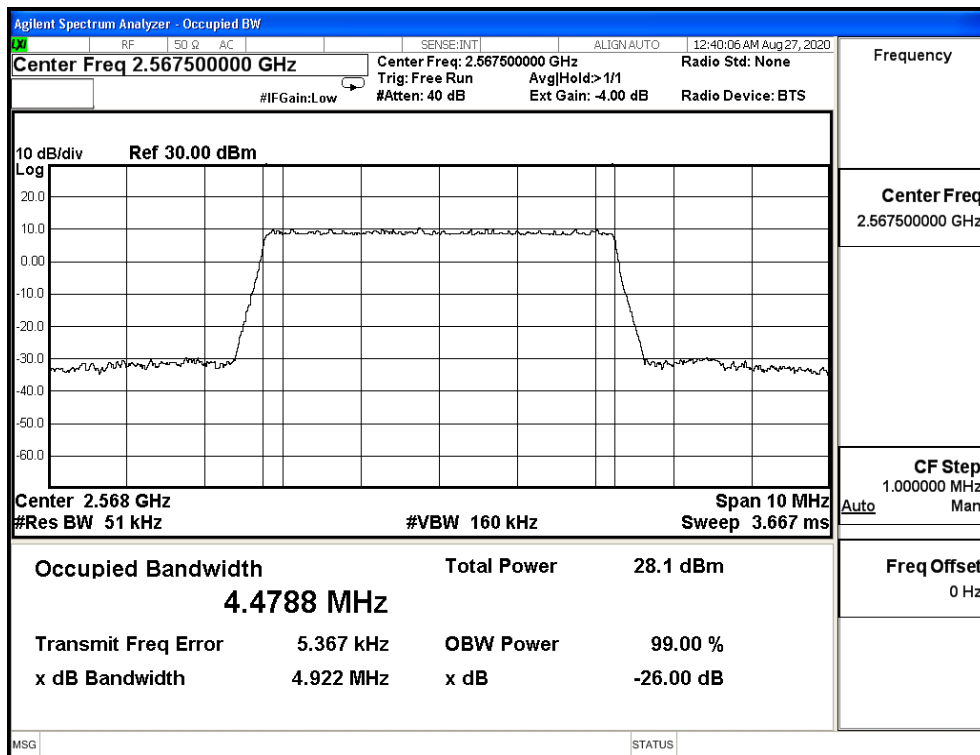




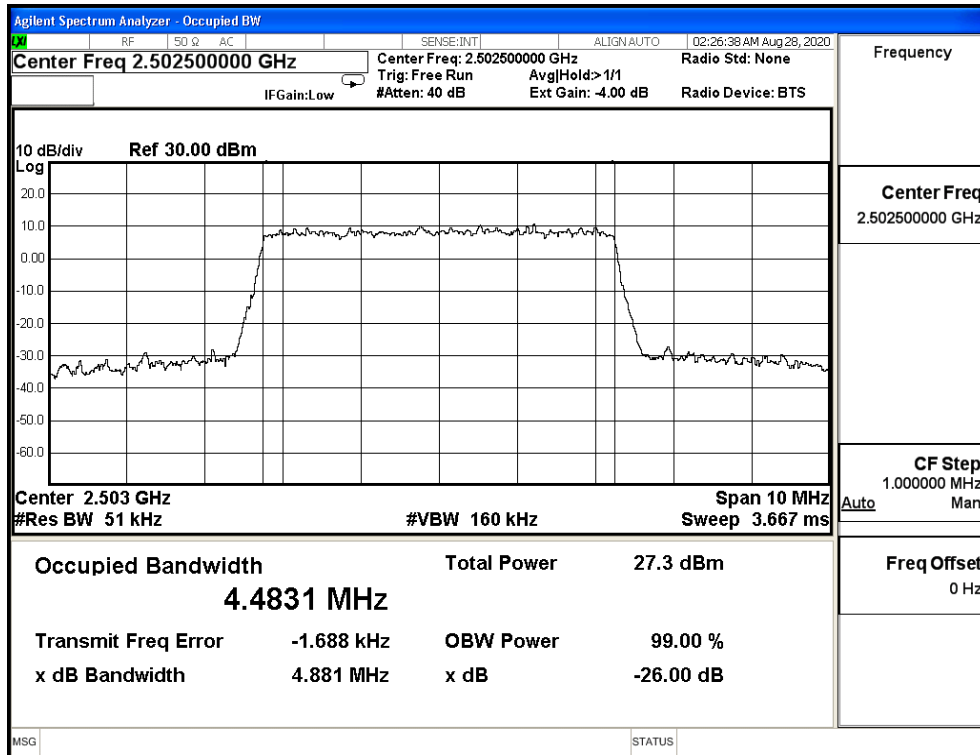
16QAM\_CH21100\_5M



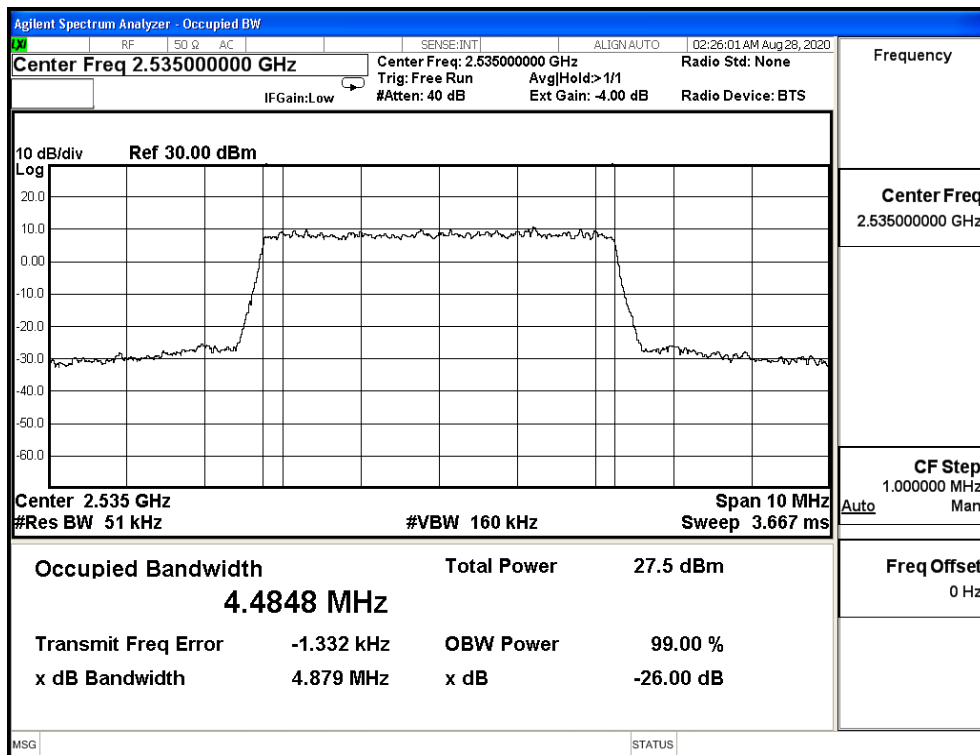
16QAM\_CH21425\_5M



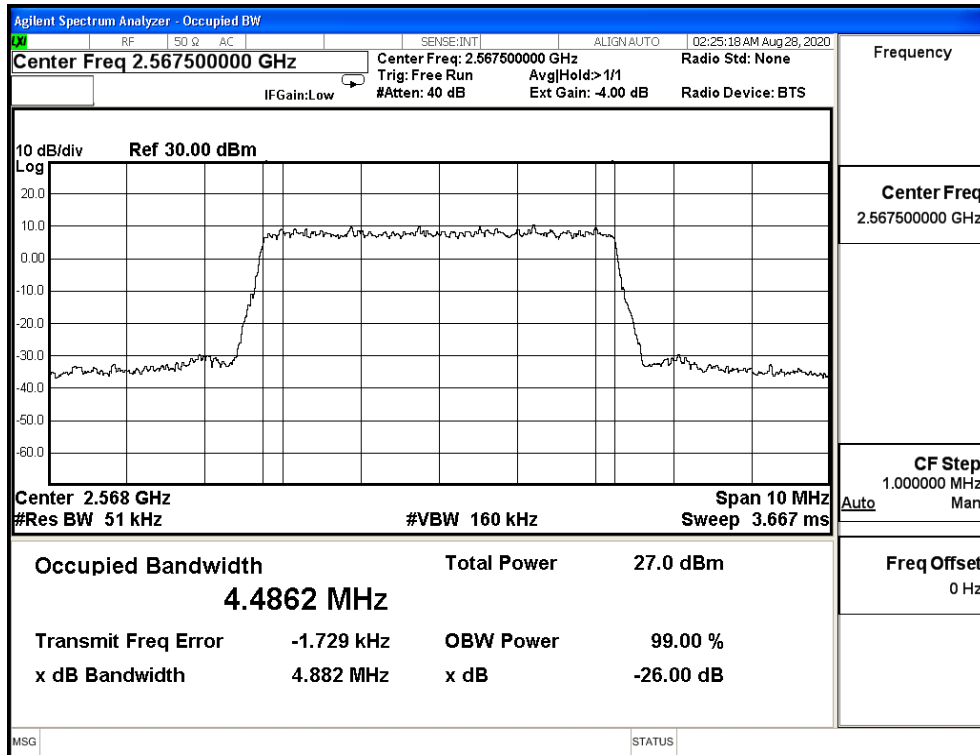
### 64QAM\_CH20775\_5M



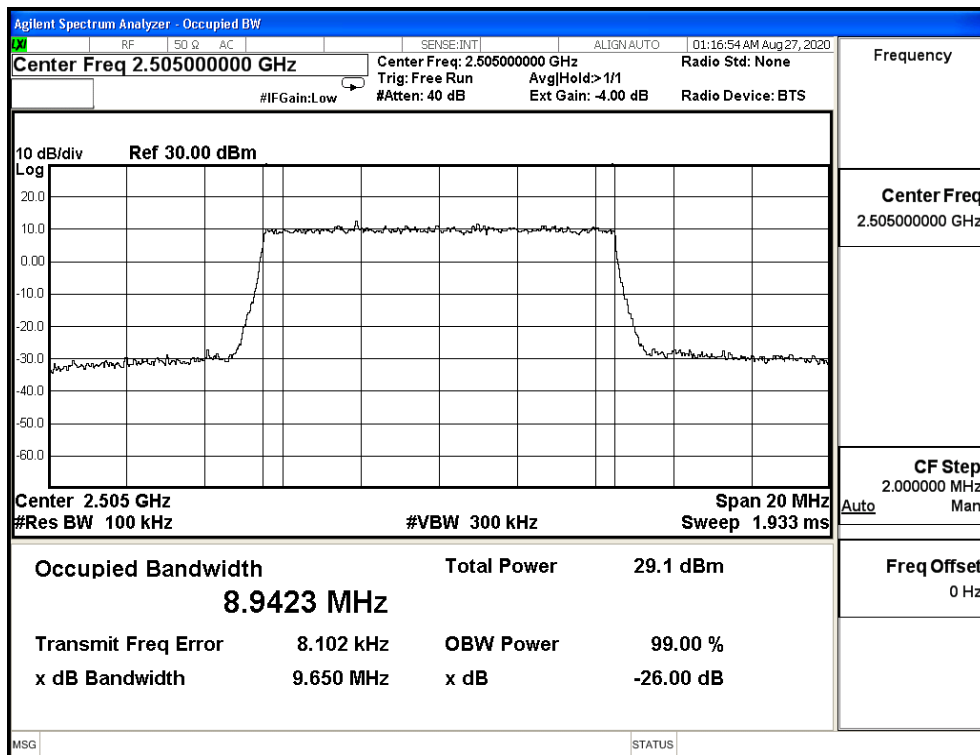
### 64QAM\_CH21100\_5M



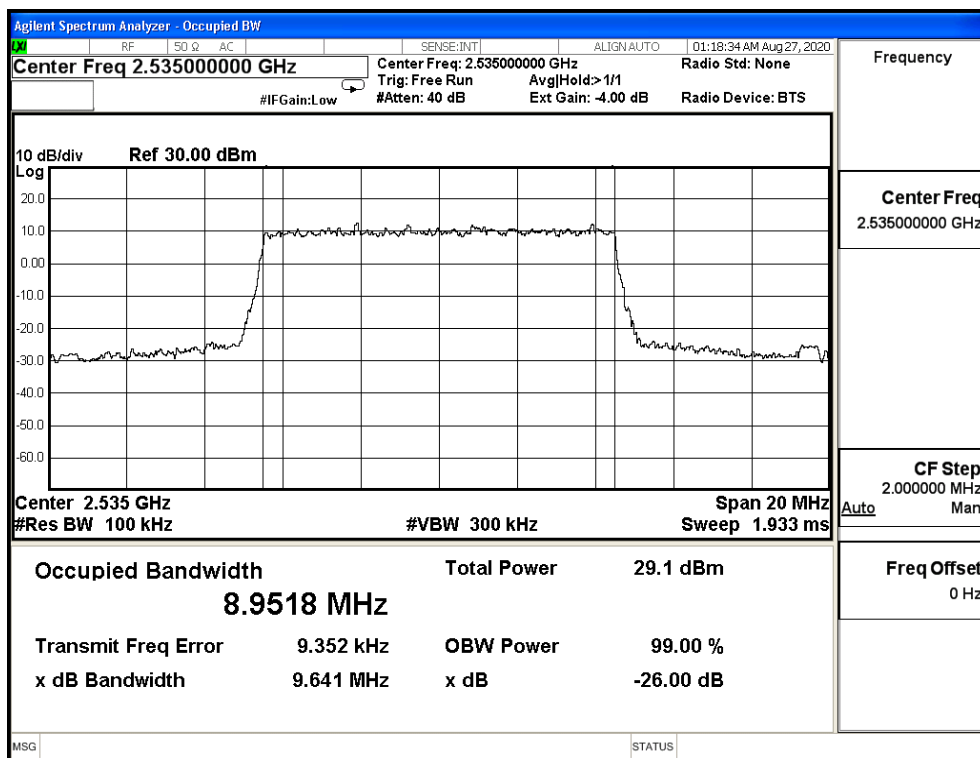
### 64QAM\_CH21425\_5M



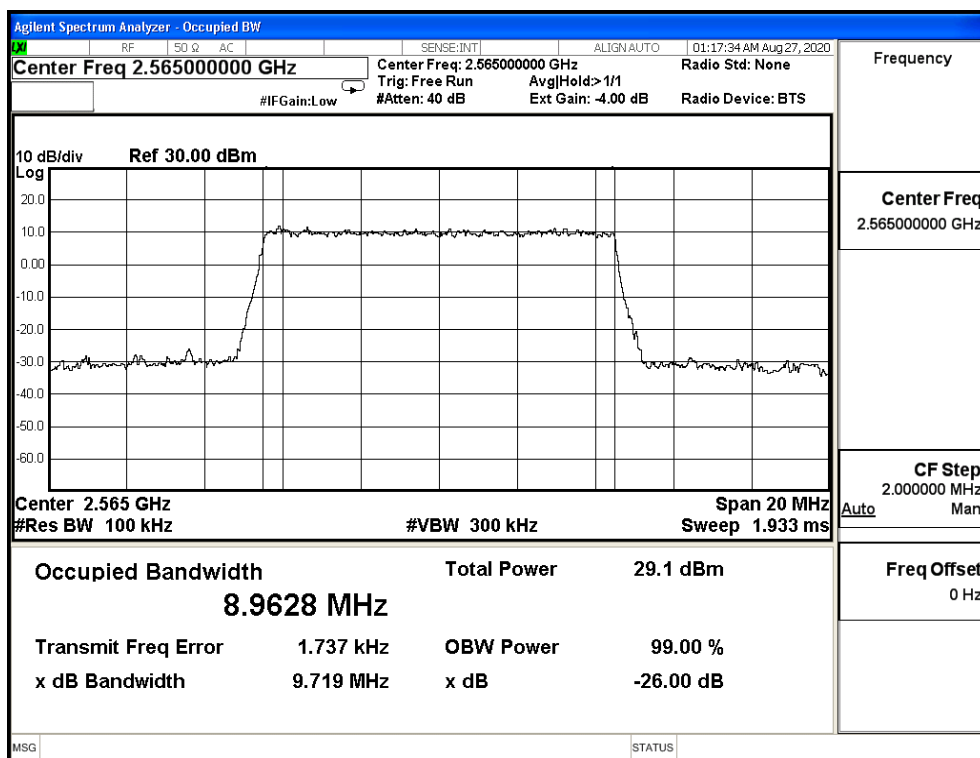
### QPSK\_CH20800\_10M



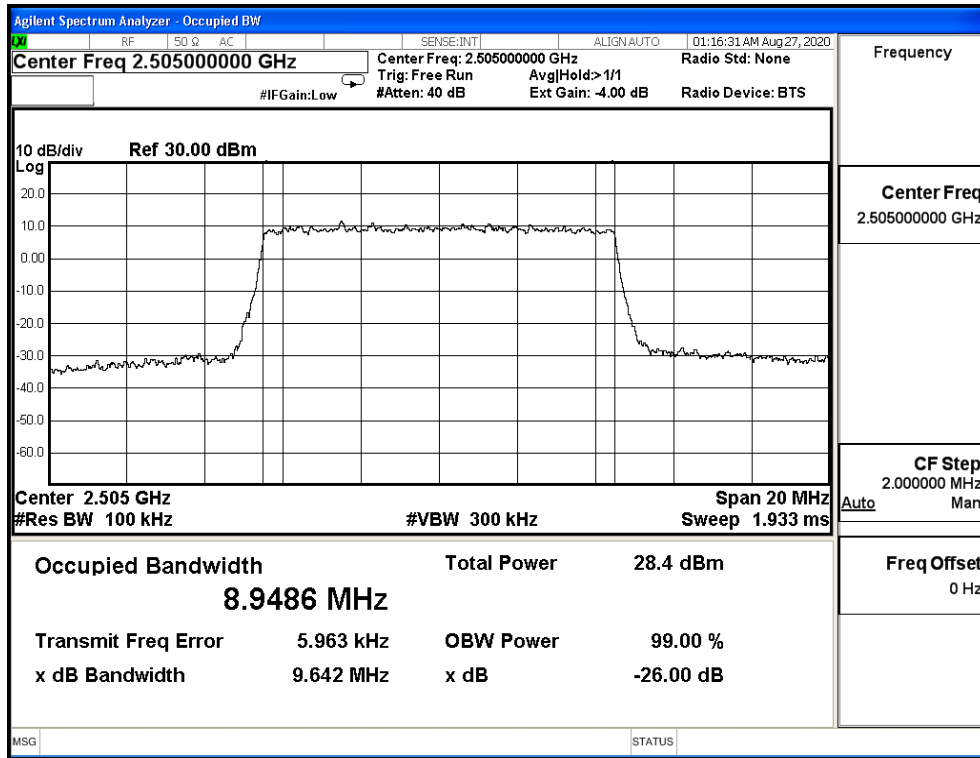
QPSK\_CH21100\_10M



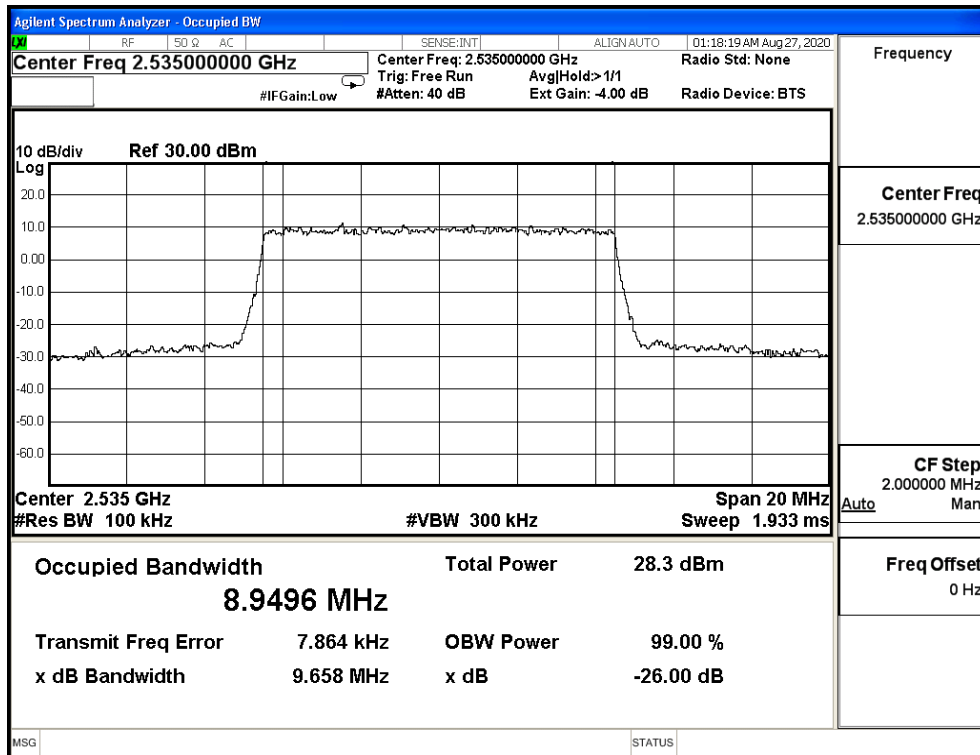
QPSK\_CH21400\_10M



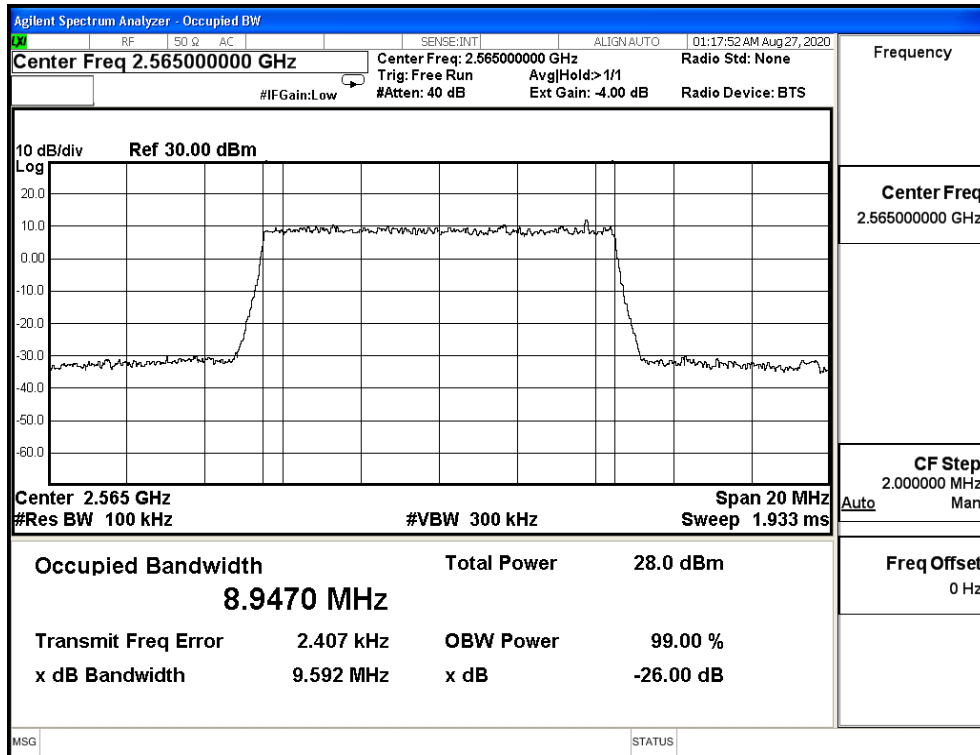
16QAM\_CH20800\_10M



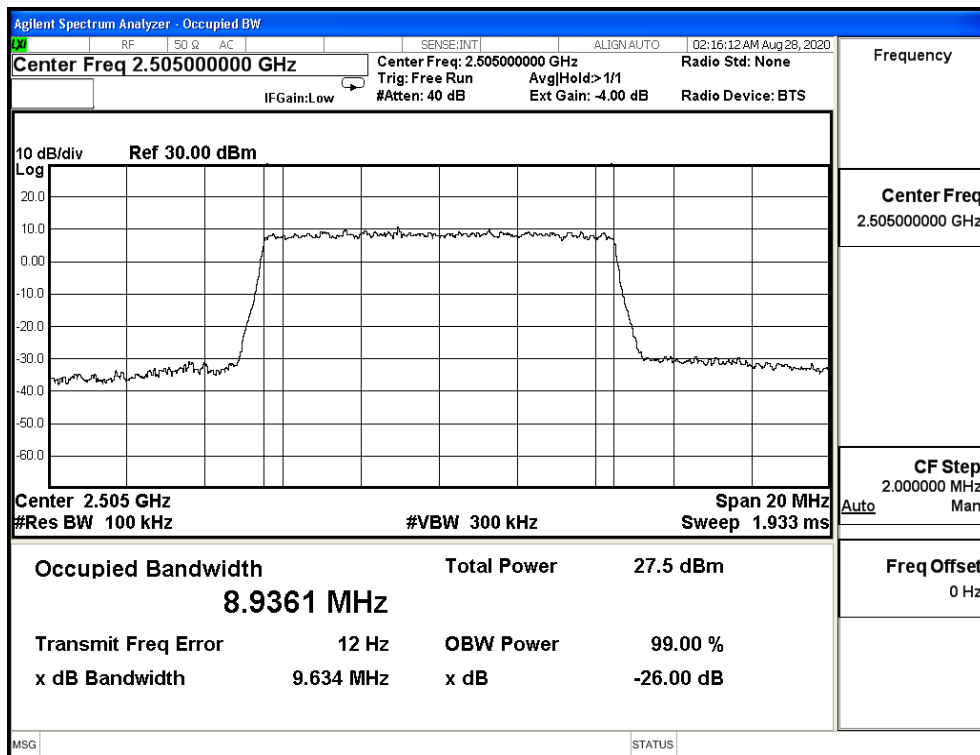
16QAM\_CH21100\_10M



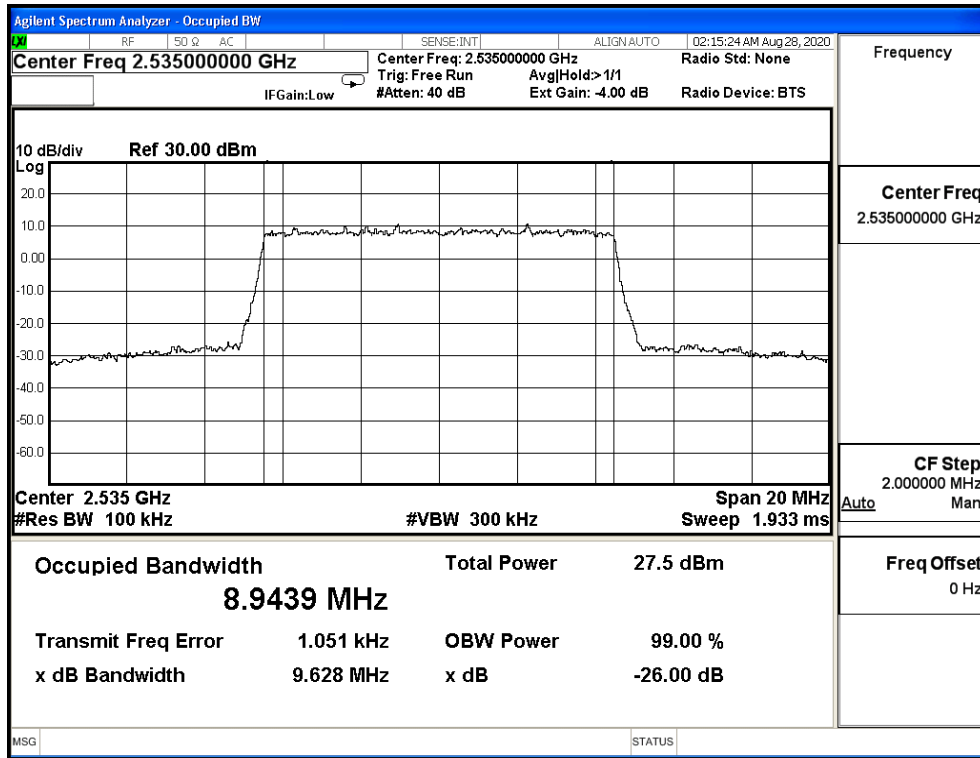
16QAM\_CH21400\_10M



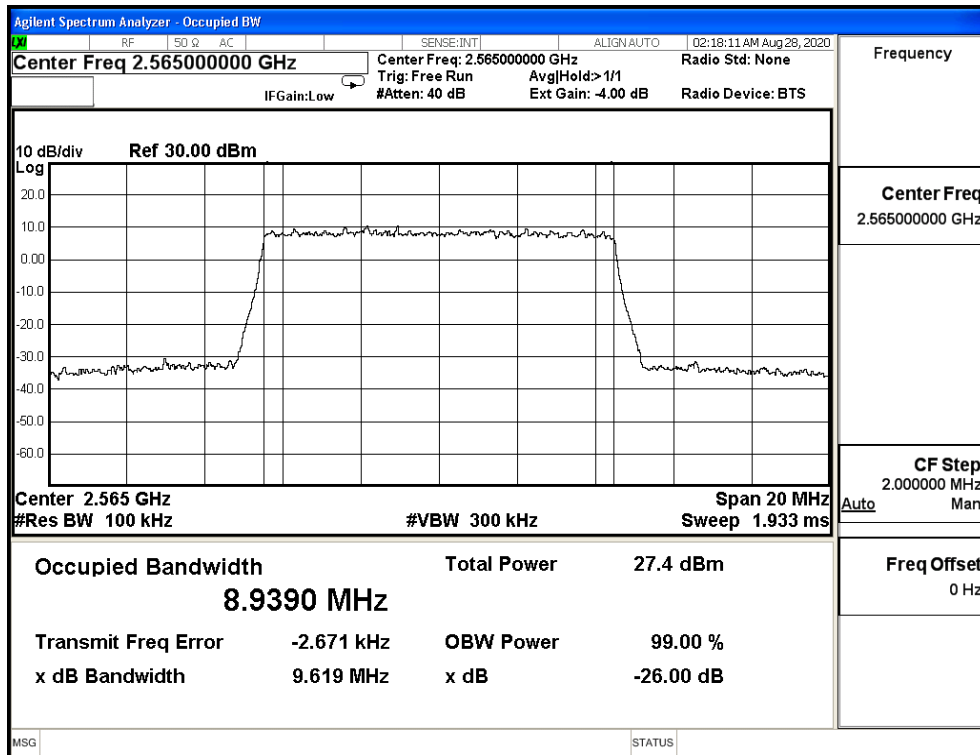
64QAM\_CH20800\_10M



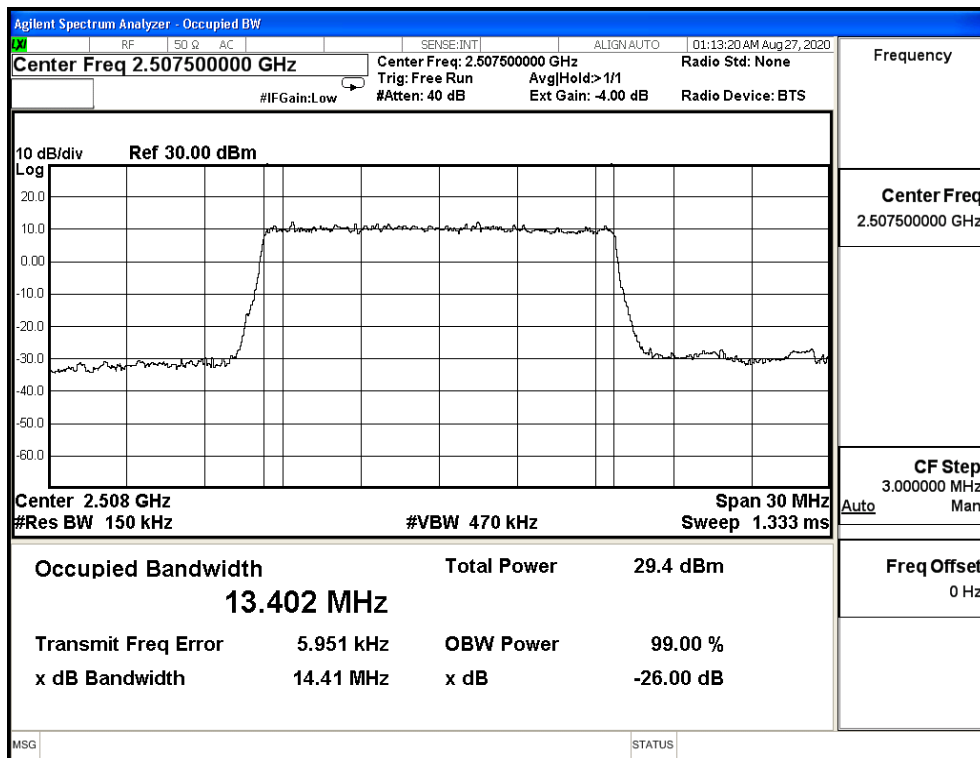
64QAM\_CH21100\_10M



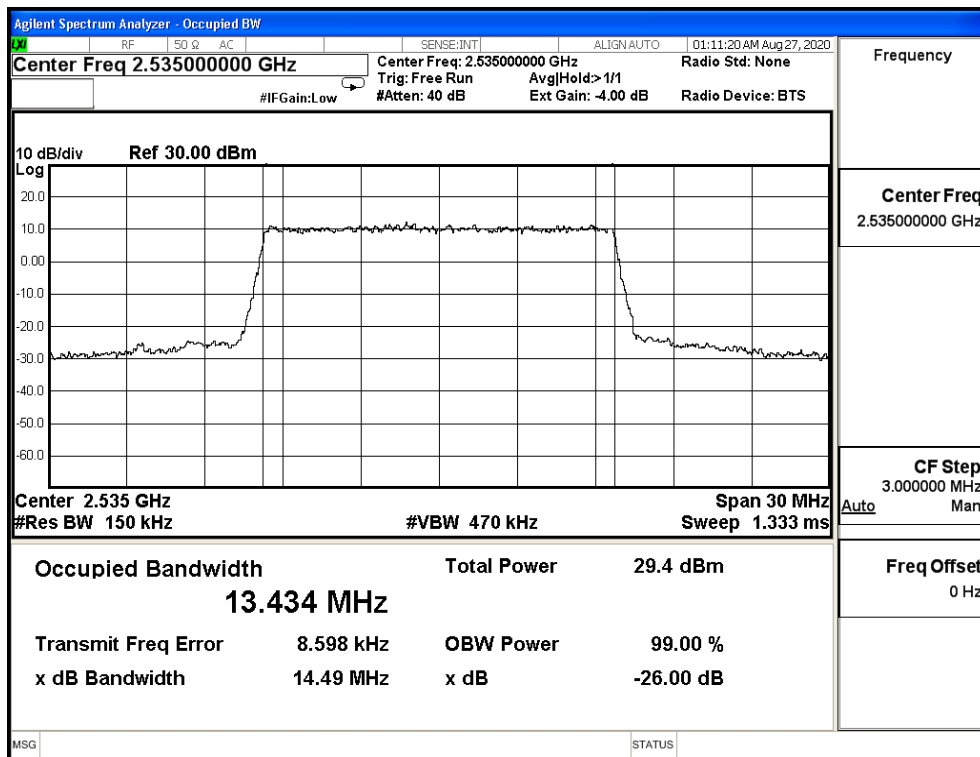
64QAM\_CH21400\_10M



QPSK\_CH20825\_15M

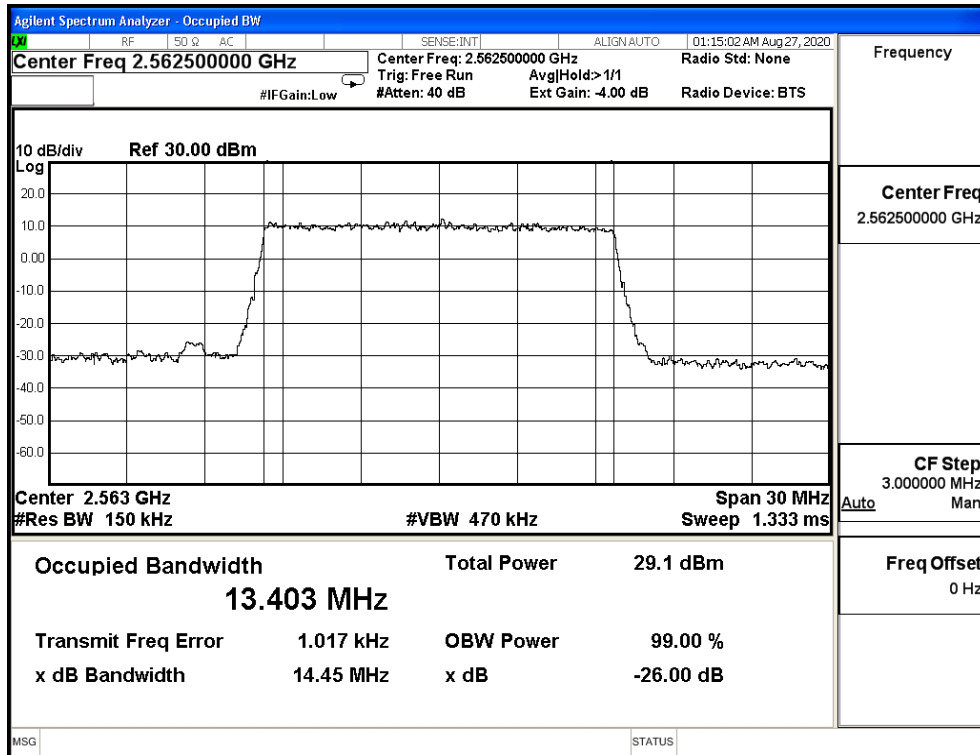


QPSK\_CH21100\_15M

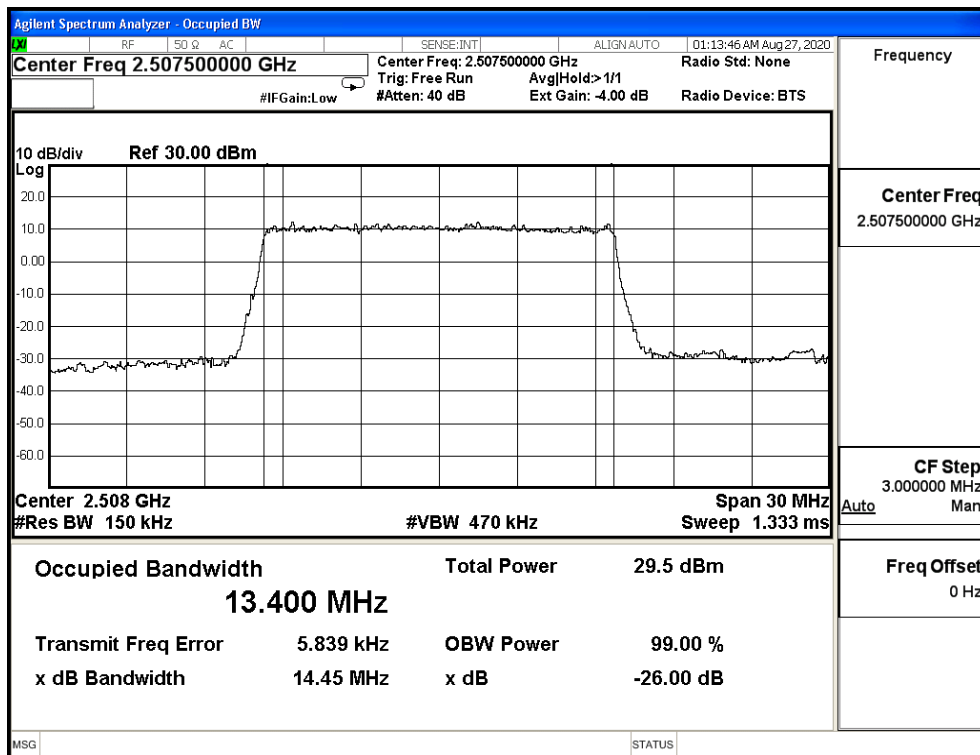




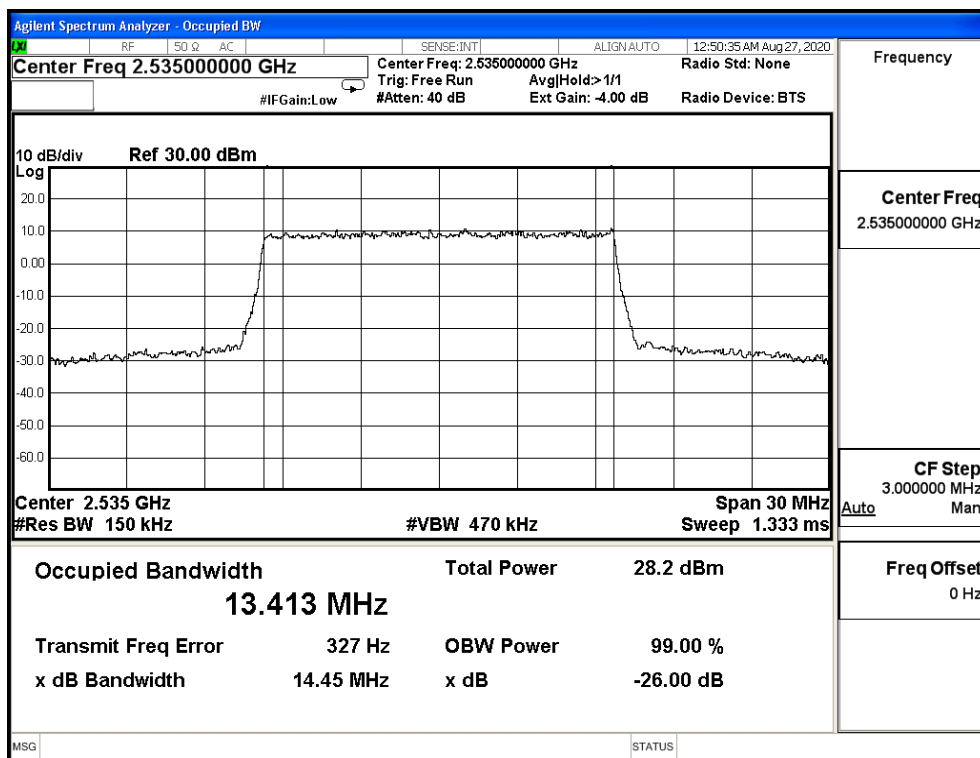
### QPSK\_CH21375\_15M



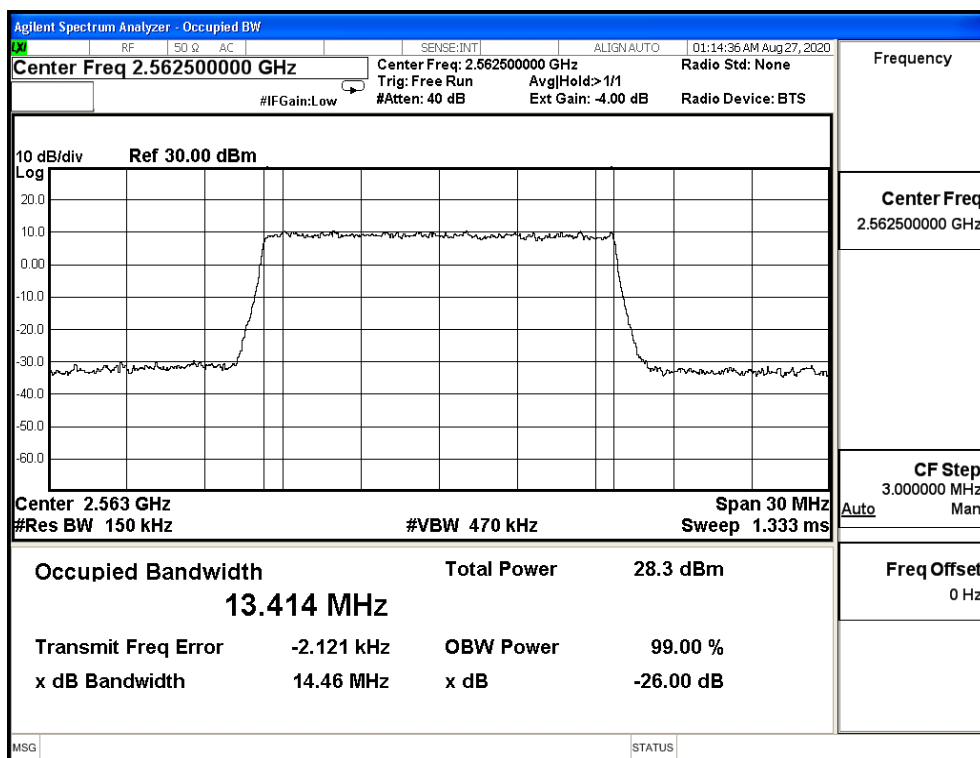
### 16QAM\_CH20825\_15M



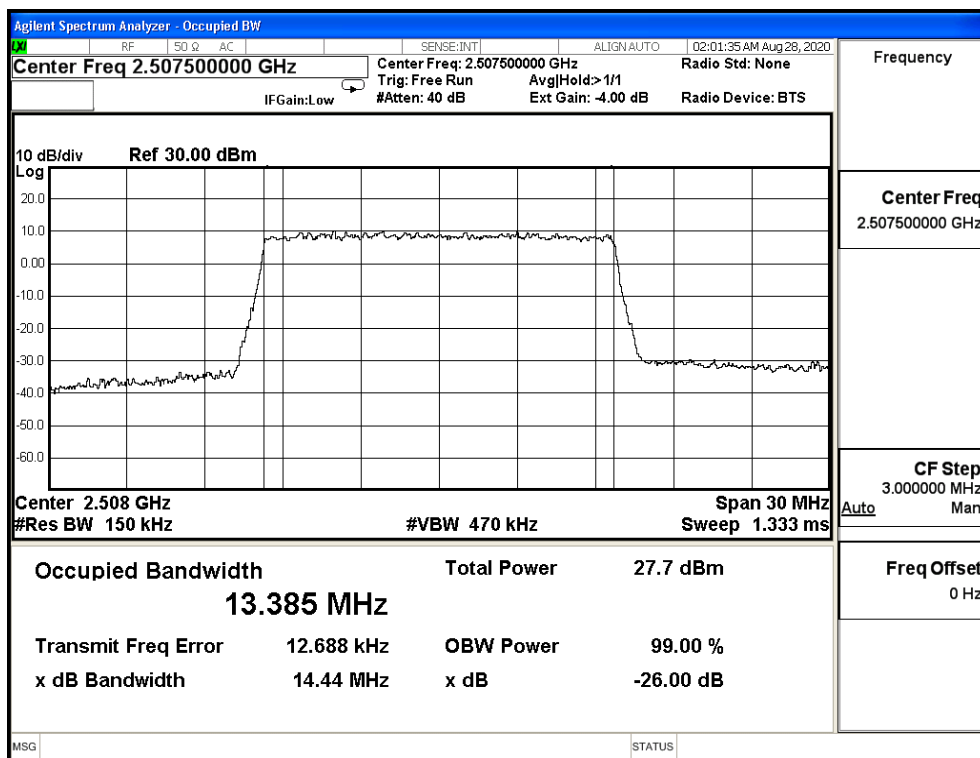
16QAM\_CH21100\_15M



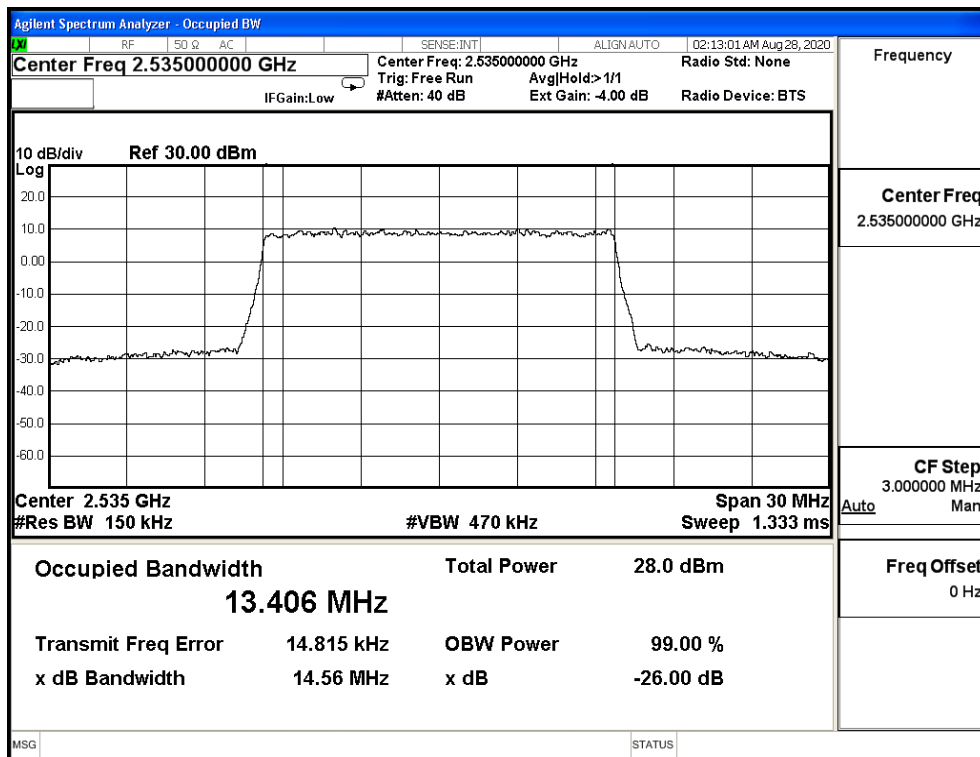
16QAM\_CH21375\_15M



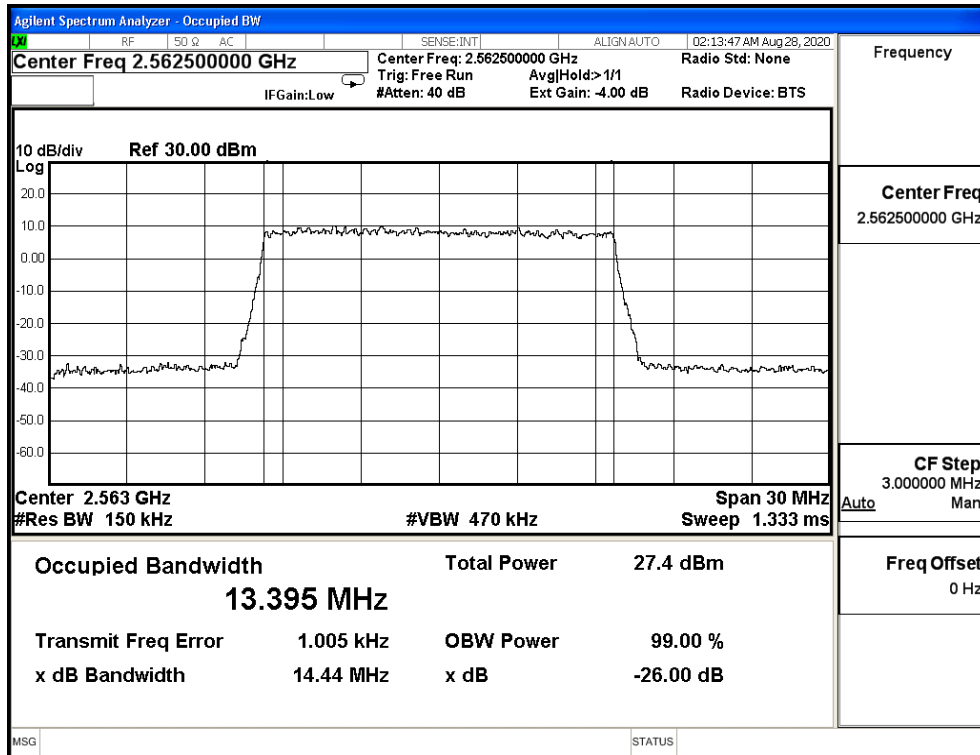
64QAM\_CH20825\_15M



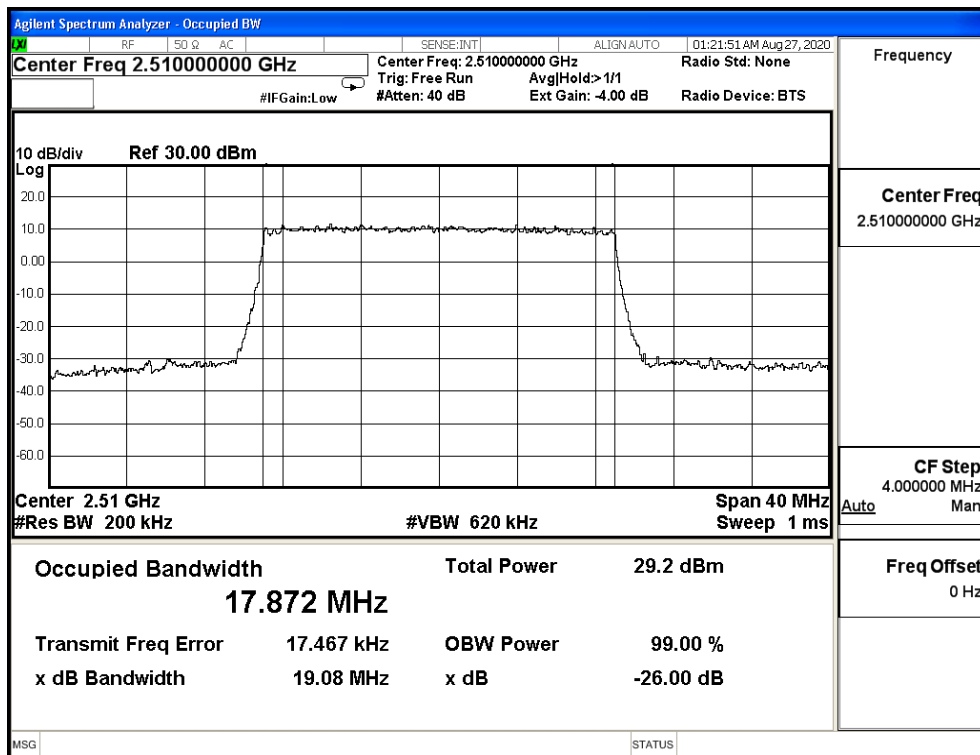
64QAM\_CH21100\_15M



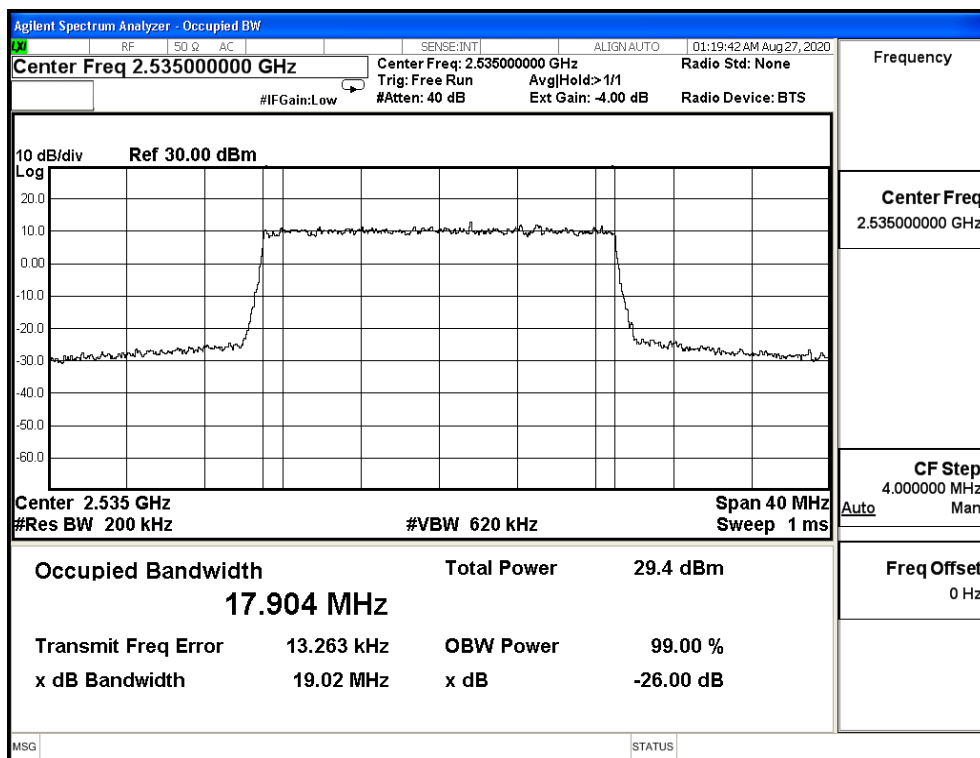
### 64QAM\_CH21375\_15M



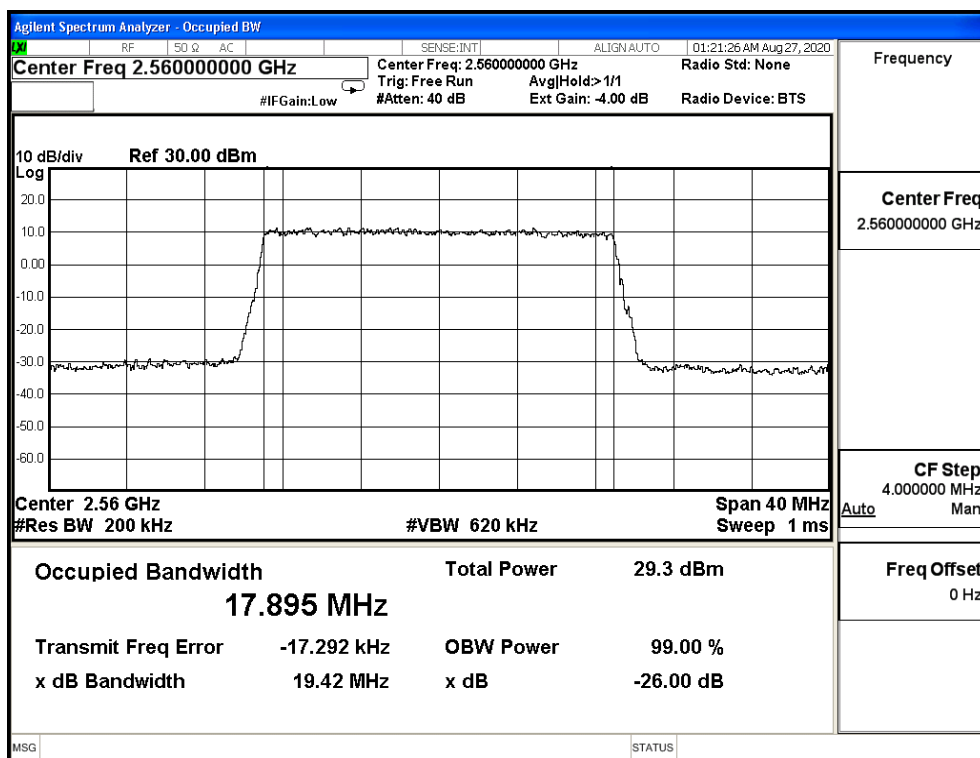
### QPSK\_CH20850\_20M



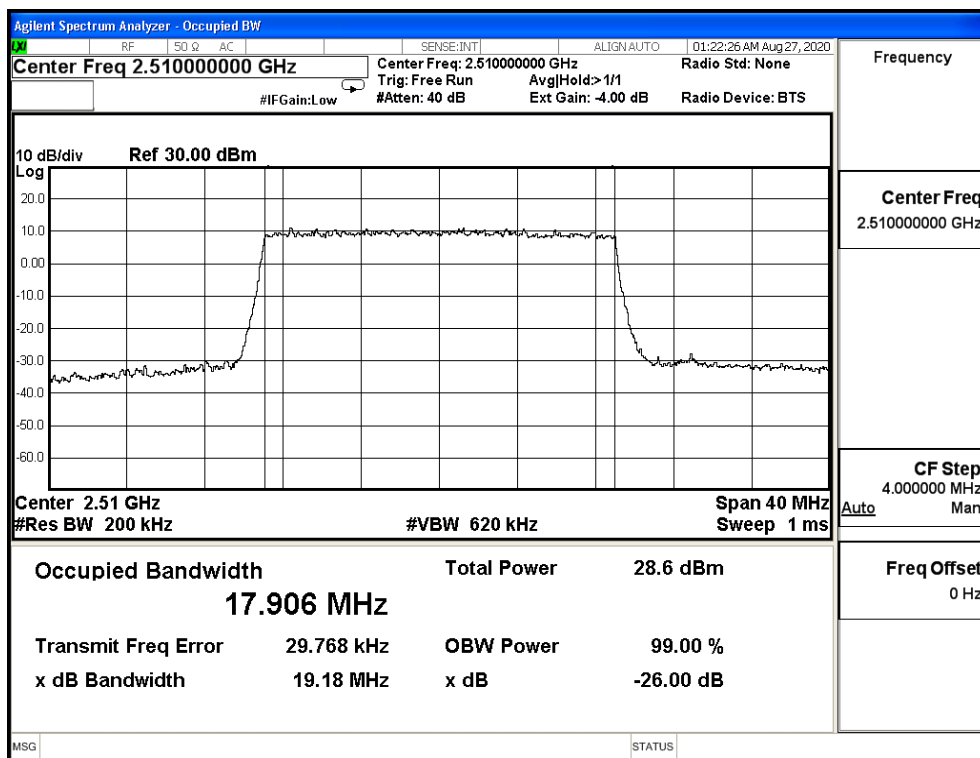
QPSK\_CH21100\_20M



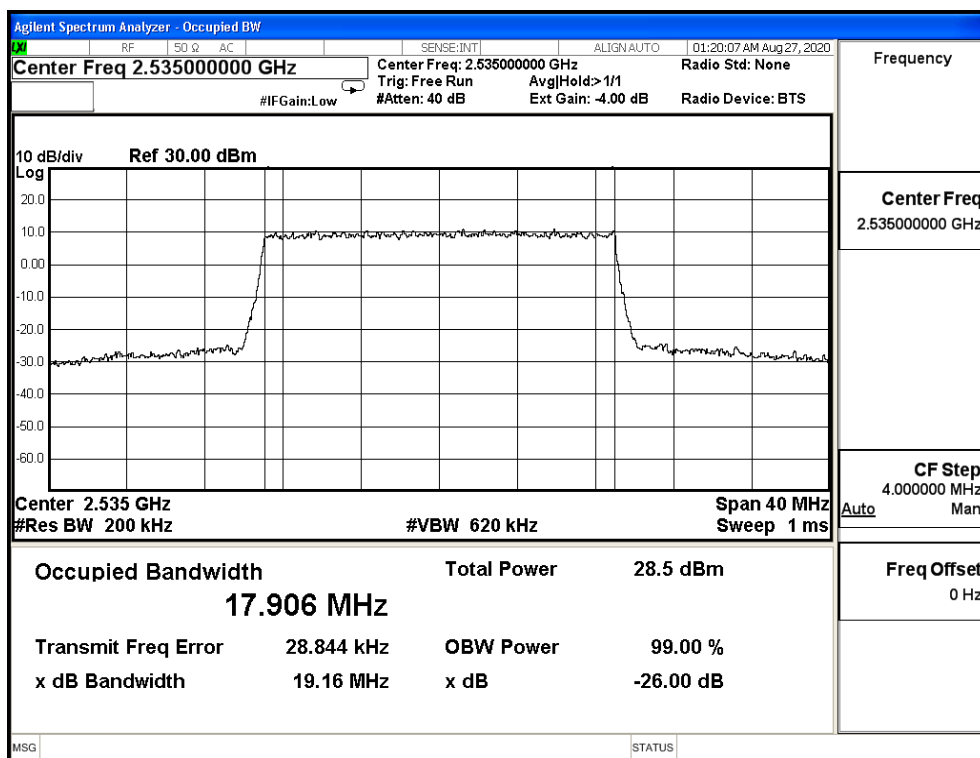
QPSK\_CH21350\_20M



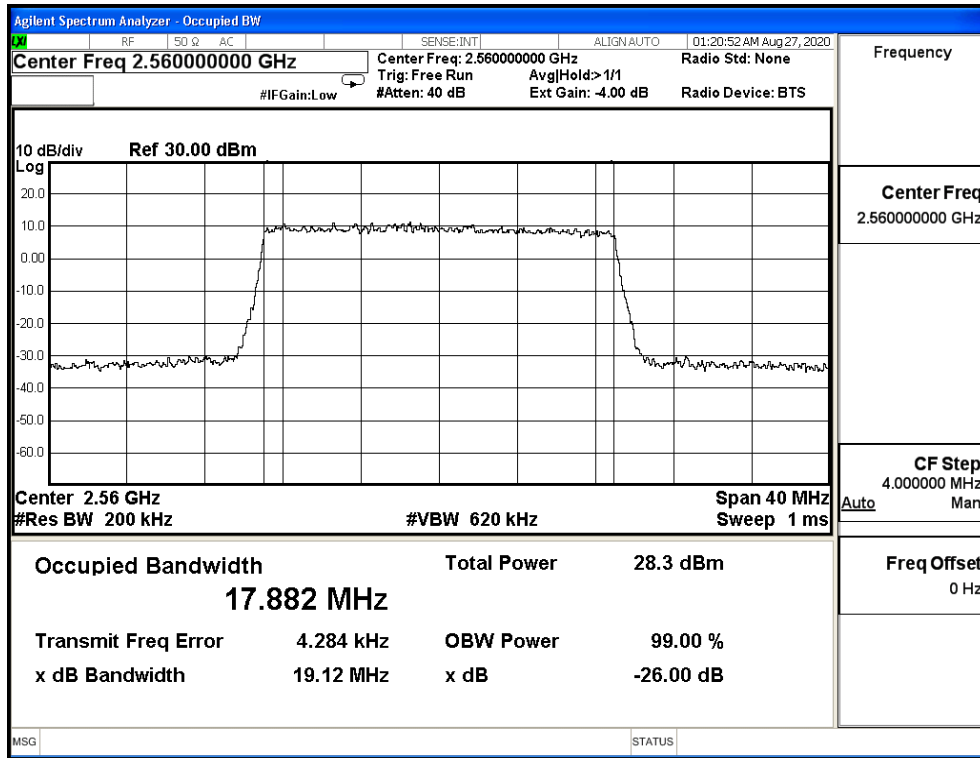
16QAM\_CH20850\_20M



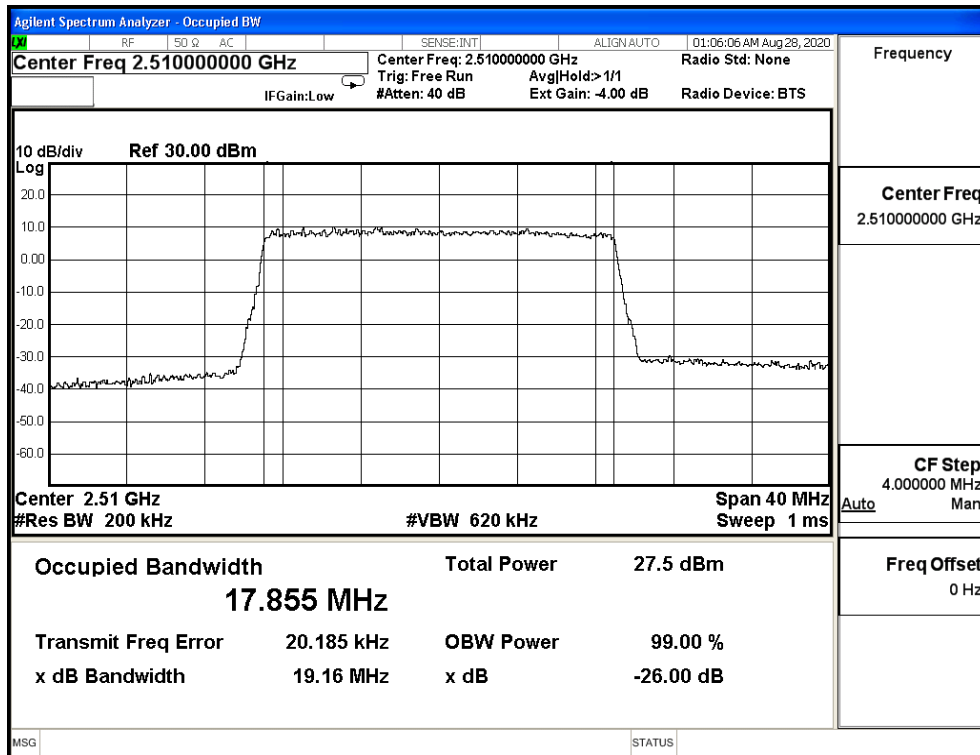
16QAM\_CH21100\_20M



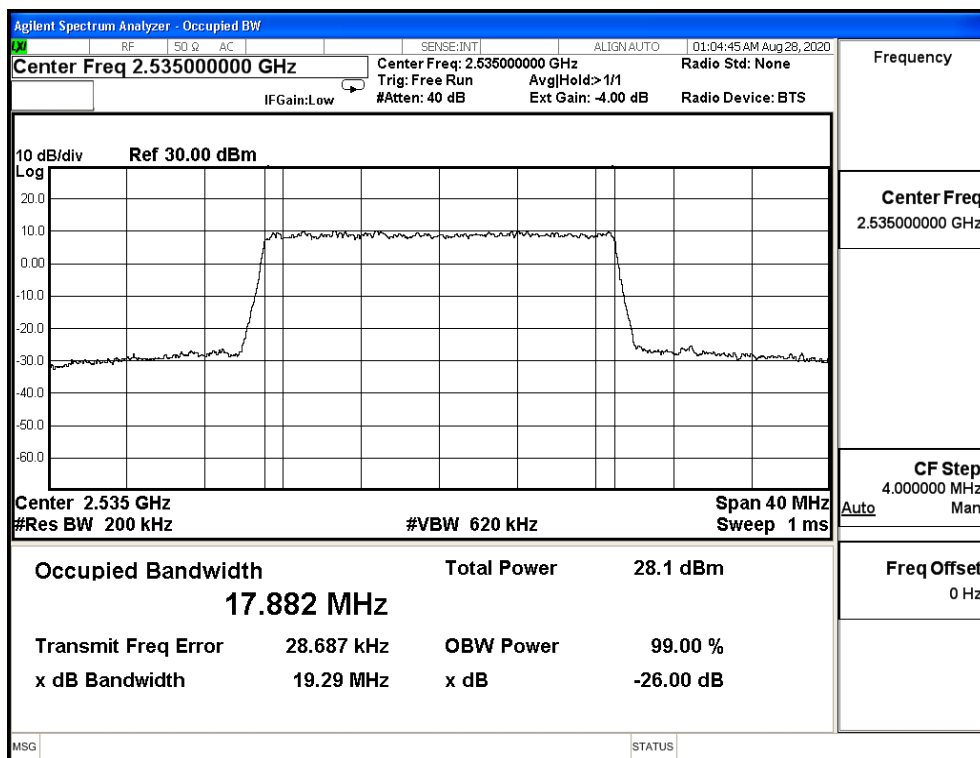
16QAM\_CH21350\_20M



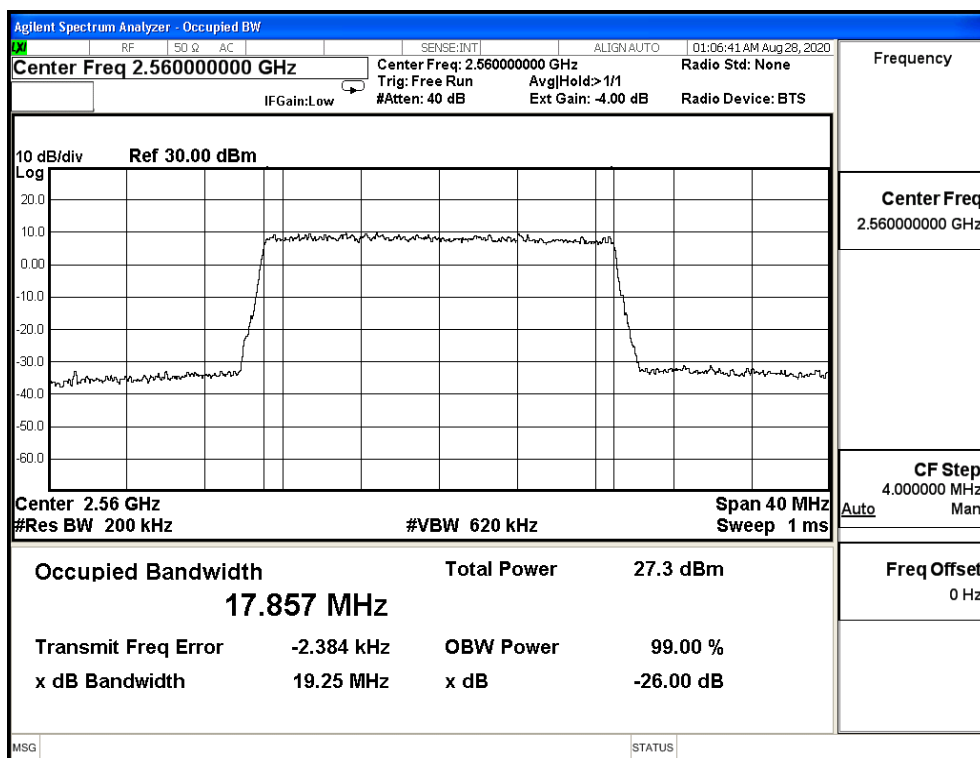
64QAM\_CH20850\_20M



64QAM\_CH21100\_20M



64QAM\_CH21350\_20M



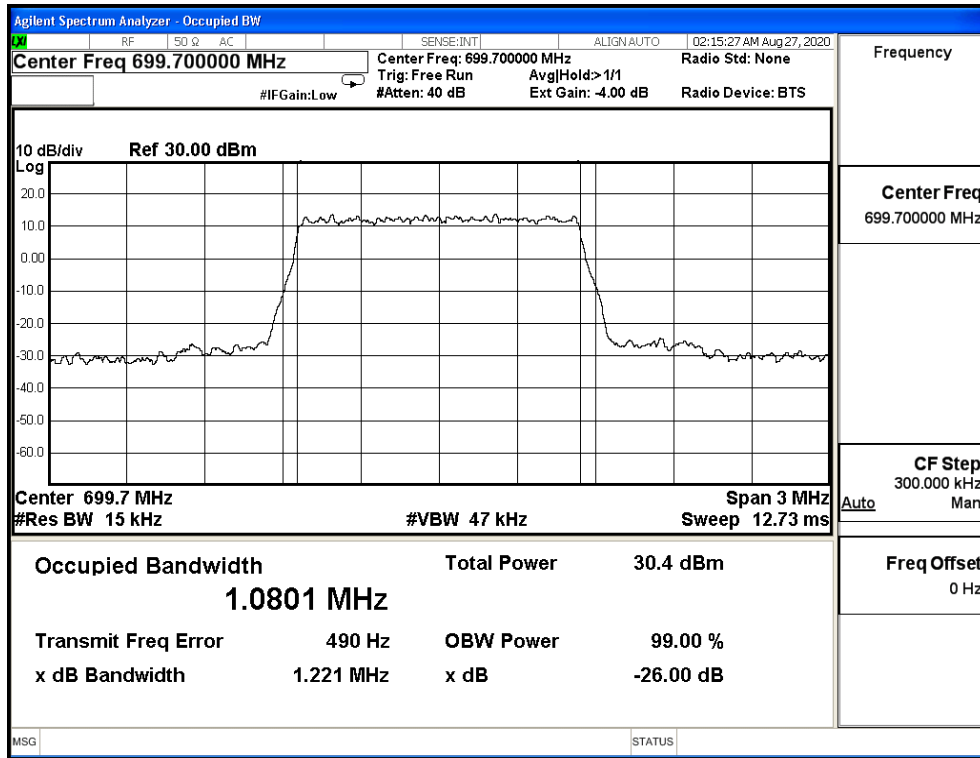


Product	Module		
Test Item	Occupied Bandwidth		
Test Mode	Mode 5: LTE Band 12		
Date of Test	2020/09/02	Test Site	SR12-H
Temperature(°C)	24	Humidity (%RH)	60

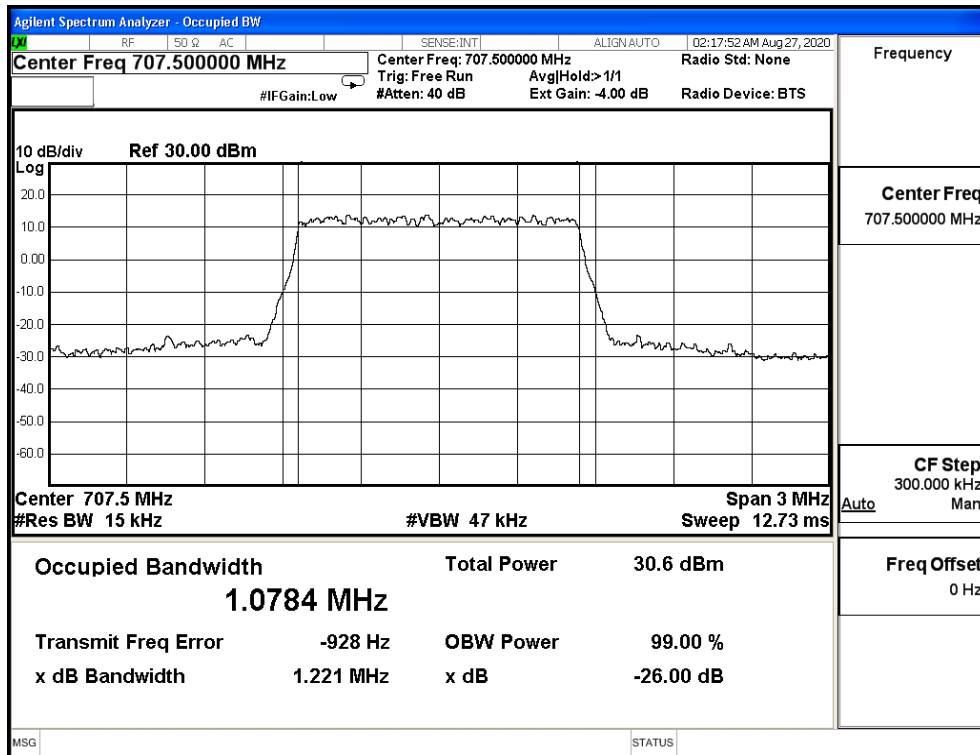
Bandwidth (MHz)	Modulation	Frequency (MHz)	Measure Level (MHz)		Limit (MHz)
			26dB BW	99% BW	
1.4M	QPSK	699.7	1.221	1.080	N/A
		707.5	1.221	1.078	N/A
		715.3	1.209	1.086	N/A
	16-QAM	699.7	1.200	1.079	N/A
		707.5	1.224	1.082	N/A
		715.3	1.222	1.081	N/A
	64-QAM	699.7	1.211	1.079	N/A
		707.5	1.212	1.079	N/A
		715.3	1.210	1.079	N/A
3M	QPSK	700.5	2.928	2.690	N/A
		707.5	2.937	2.686	N/A
		714.5	2.941	2.684	N/A
	16-QAM	700.5	2.950	2.685	N/A
		707.5	2.953	2.683	N/A
		714.5	2.938	2.681	N/A
	64-QAM	700.5	2.916	2.683	N/A
		707.5	2.912	2.684	N/A
		714.5	2.906	2.681	N/A
5M	QPSK	710.5	4.883	4.462	N/A
		707.5	4.877	4.481	N/A
		713.5	4.886	4.471	N/A
	16-QAM	710.5	4.911	4.477	N/A
		707.5	4.897	4.481	N/A
		713.5	4.833	4.464	N/A
	64-QAM	710.5	4.880	4.478	N/A
		707.5	4.890	4.479	N/A
		713.5	4.869	4.476	N/A

Bandwidth (MHz)	Modulation	Frequency (MHz)	Measure Level (MHz)		Limit (MHz)
			26dB BW	99% BW	
10M	QPSK	704.0	9.587	8.910	N/A
		707.5	9.708	8.944	N/A
		711.0	9.675	8.955	N/A
	16-QAM	704.0	9.578	8.920	N/A
		707.5	9.615	8.935	N/A
		711.0	9.674	8.953	N/A
	64-QAM	704.0	9.566	8.912	N/A
		707.5	9.577	8.925	N/A
		711.0	9.627	8.943	N/A

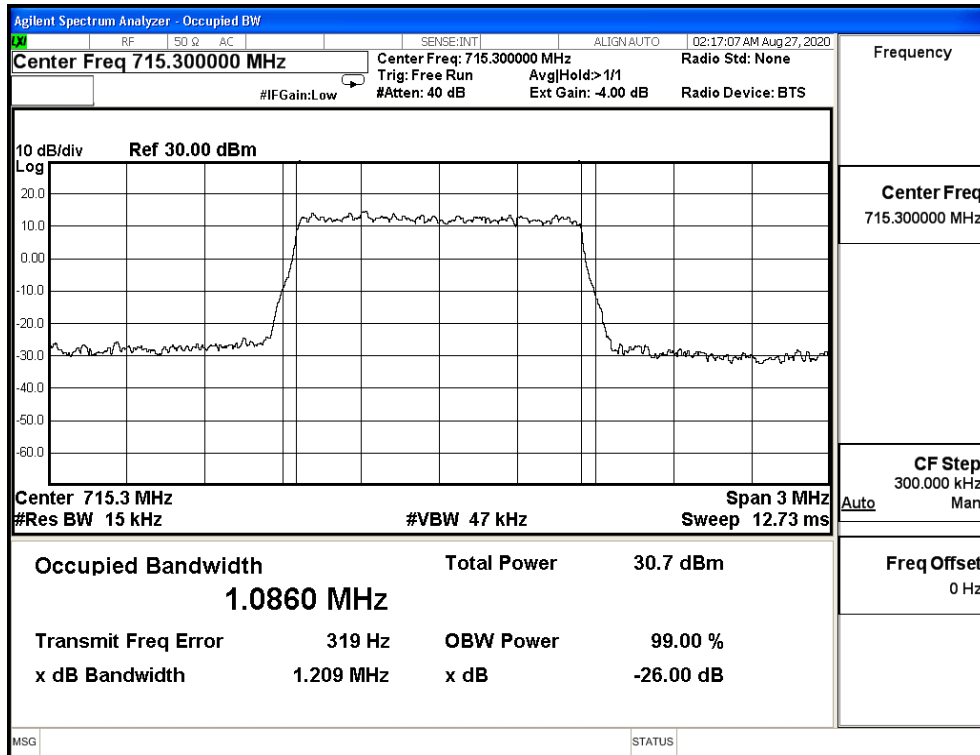
QPSK\_CH23017\_1.4M



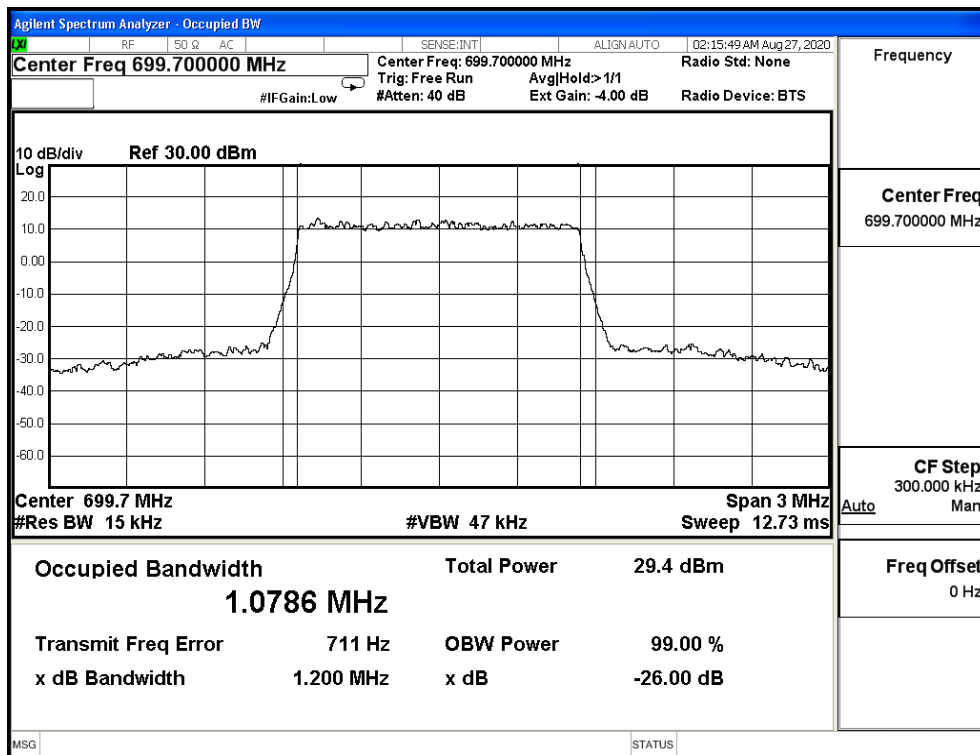
QPSK\_CH23095\_1.4M



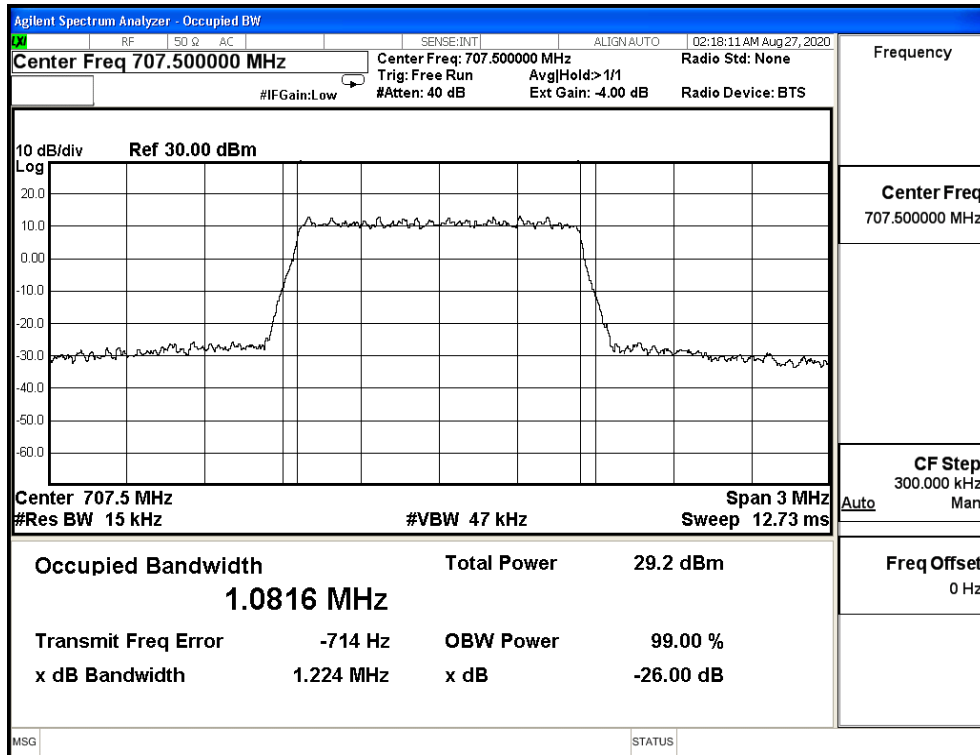
### QPSK\_CH23173\_1.4M



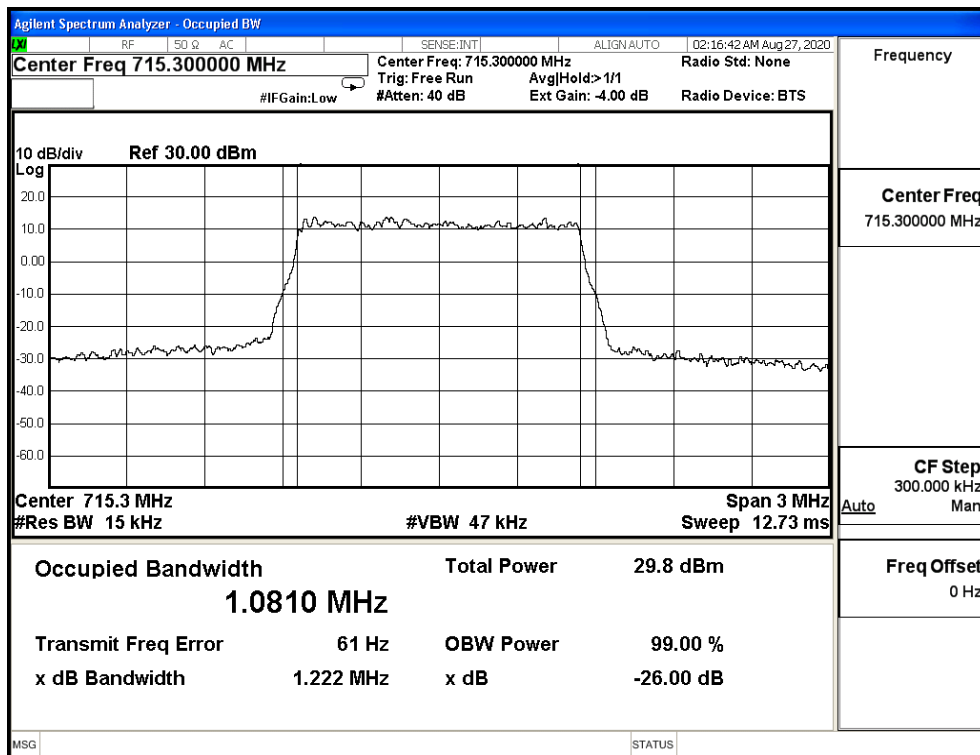
### 16QAM\_CH23017\_1.4M



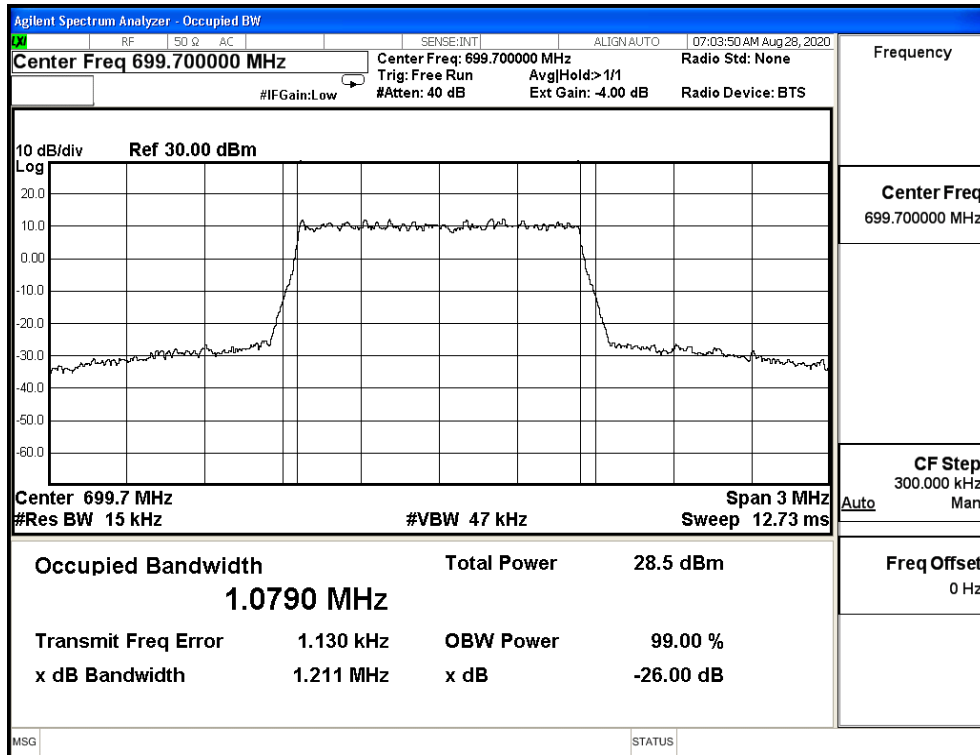
16QAM\_CH23095\_1.0M



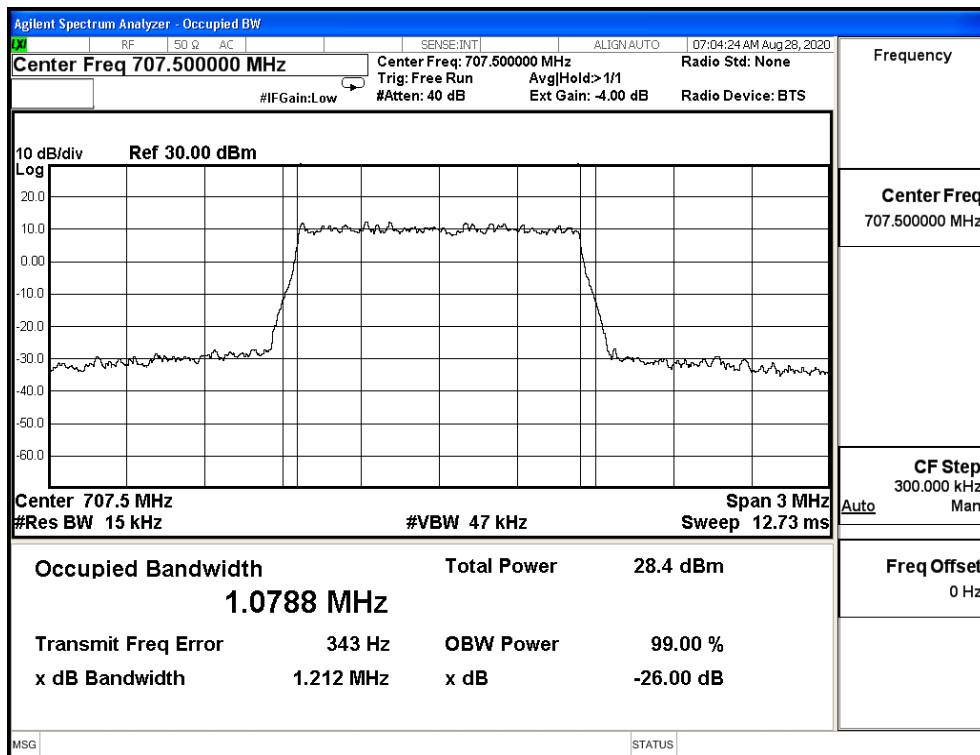
16QAM\_CH23173\_1.4M



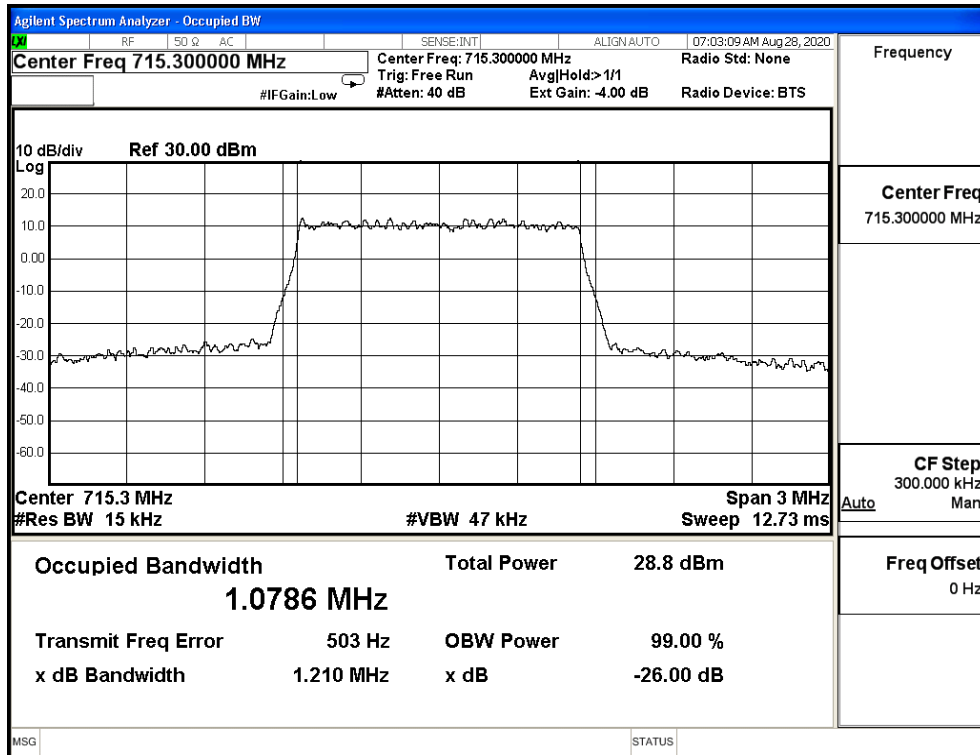
64QAM\_CH23017\_1.4M



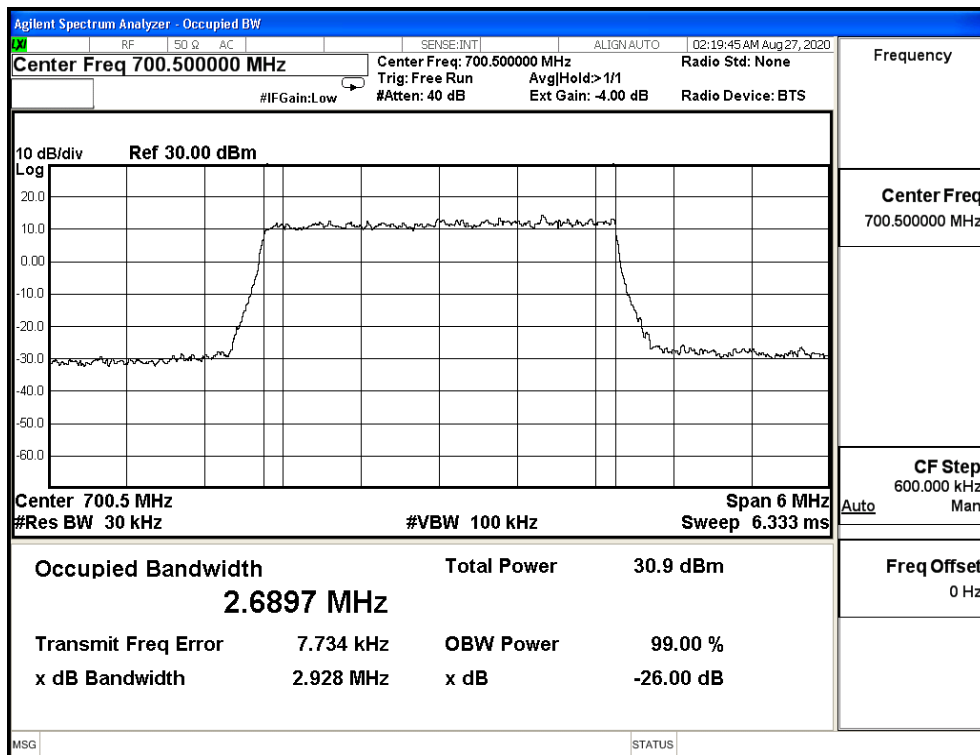
64QAM\_CH23095\_1.4M



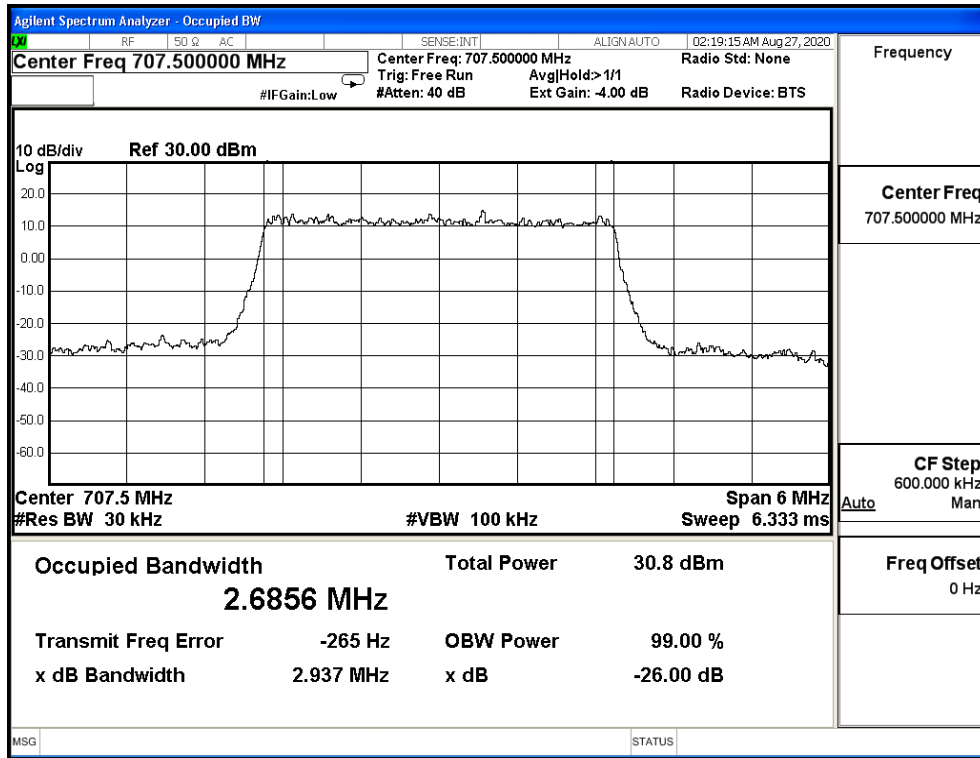
### 64QAM\_CH23173\_1.4M



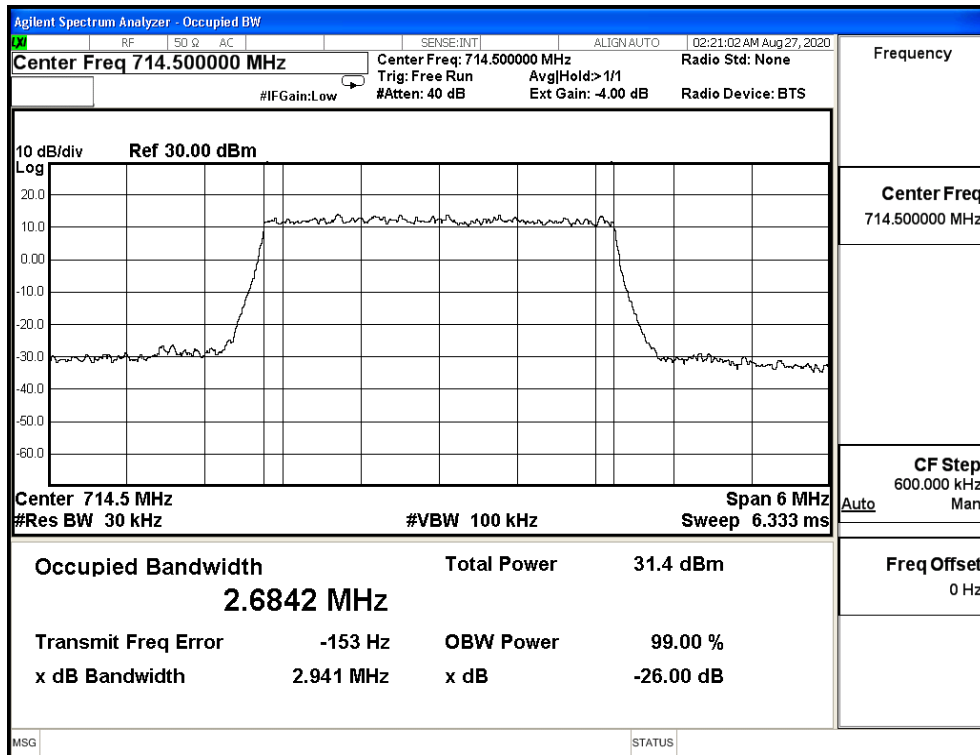
### QPSK\_CH23025\_3M



QPSK\_CH23095\_3M

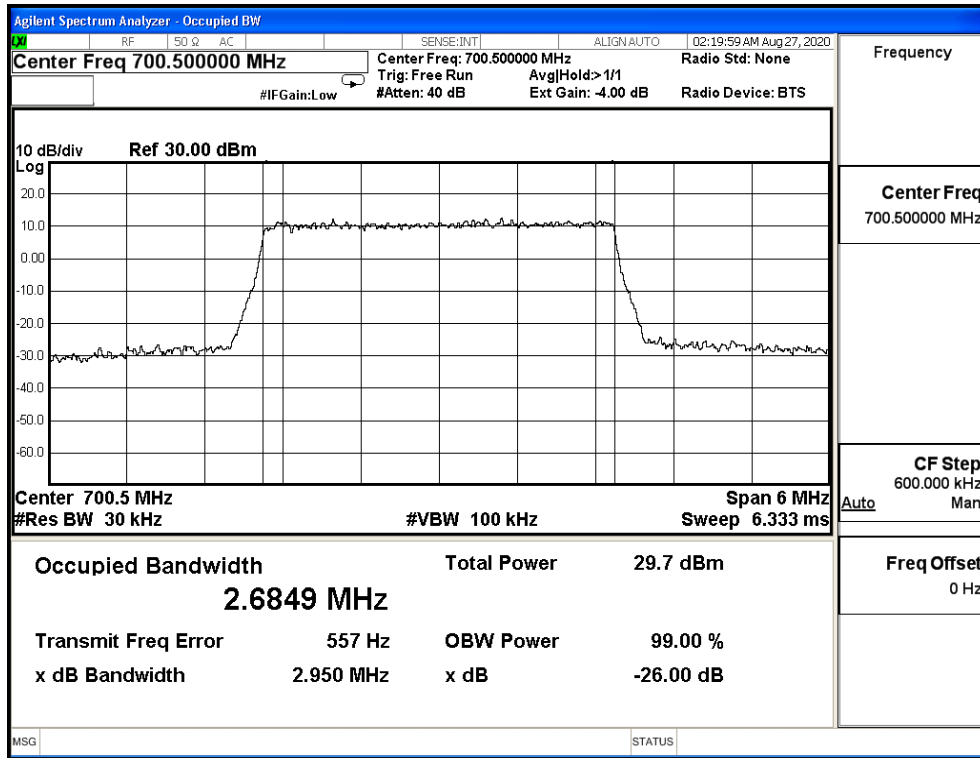


QPSK\_CH23165\_3M

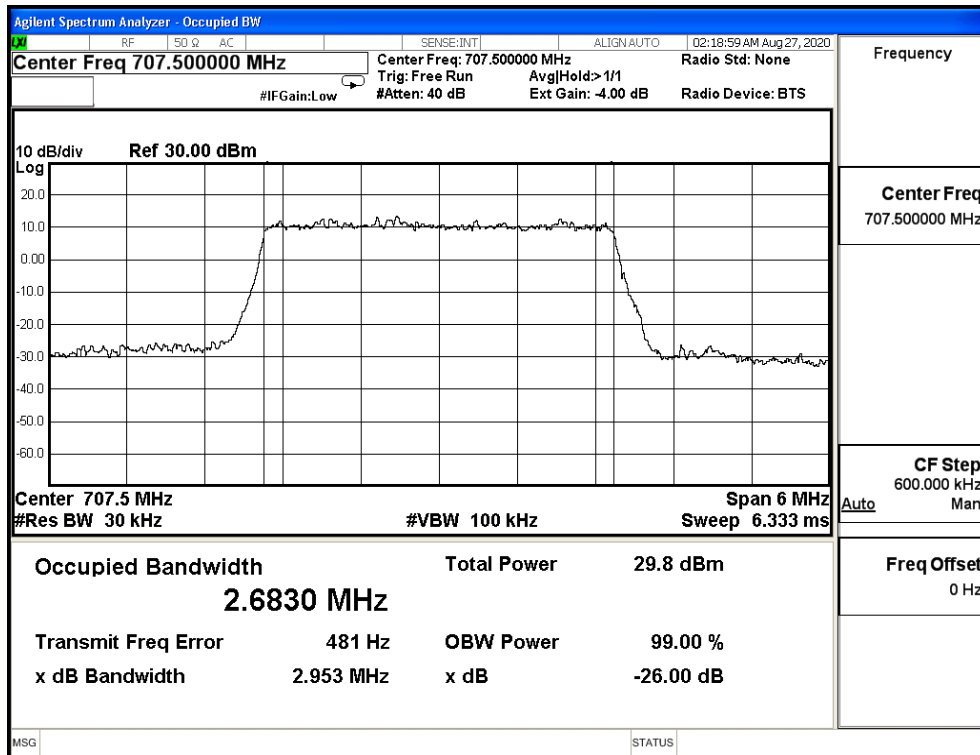




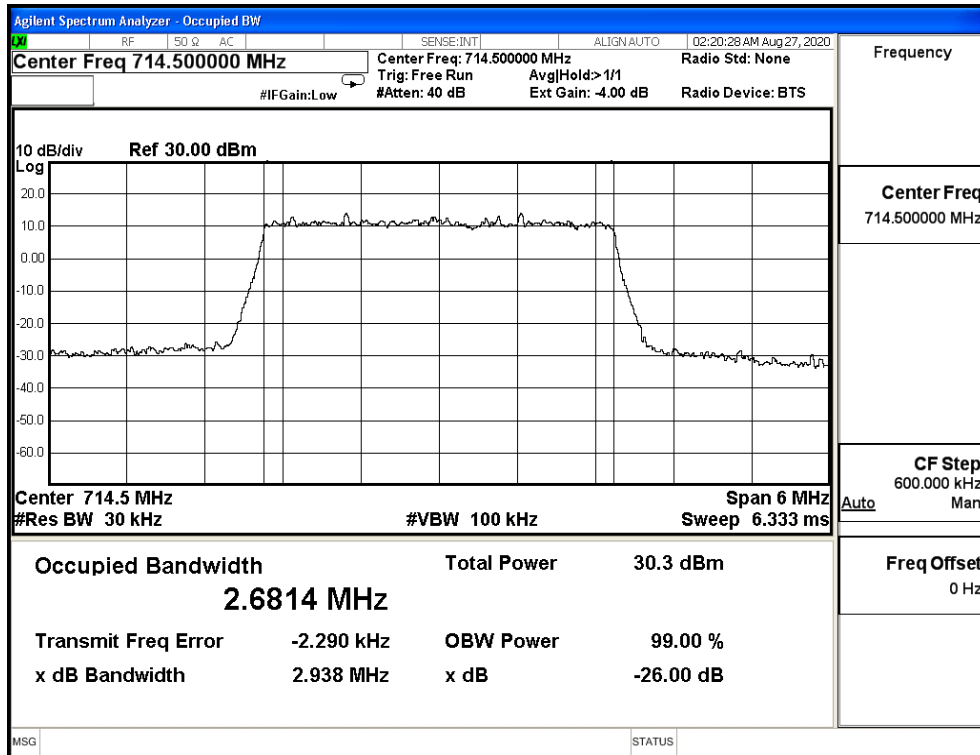
16QAM\_CH23025\_3M



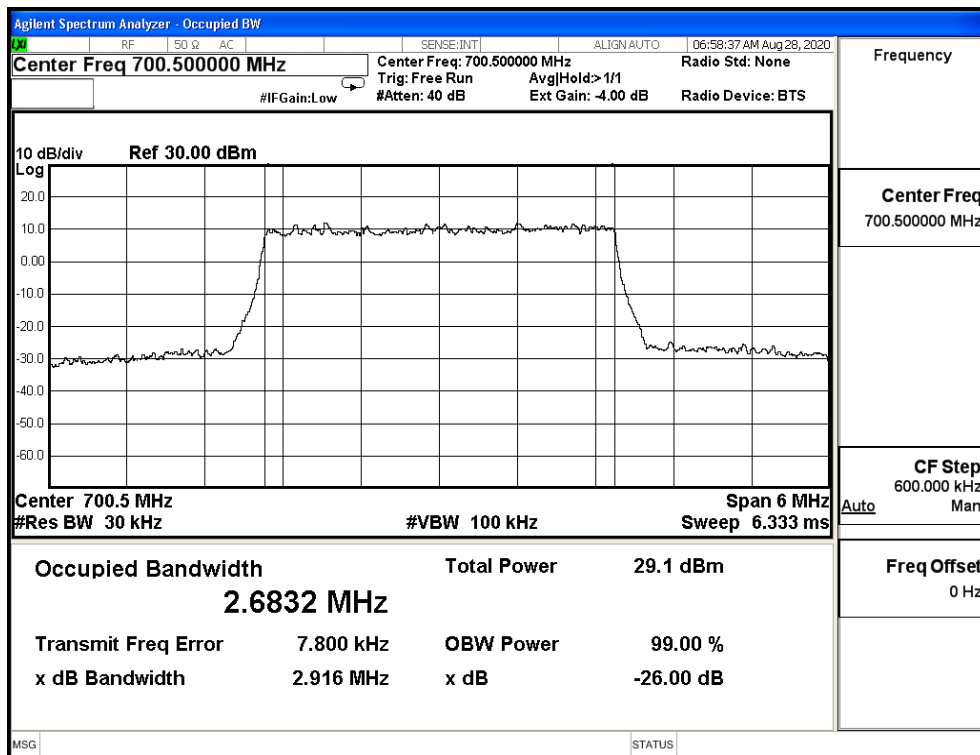
16QAM\_CH23095\_3M



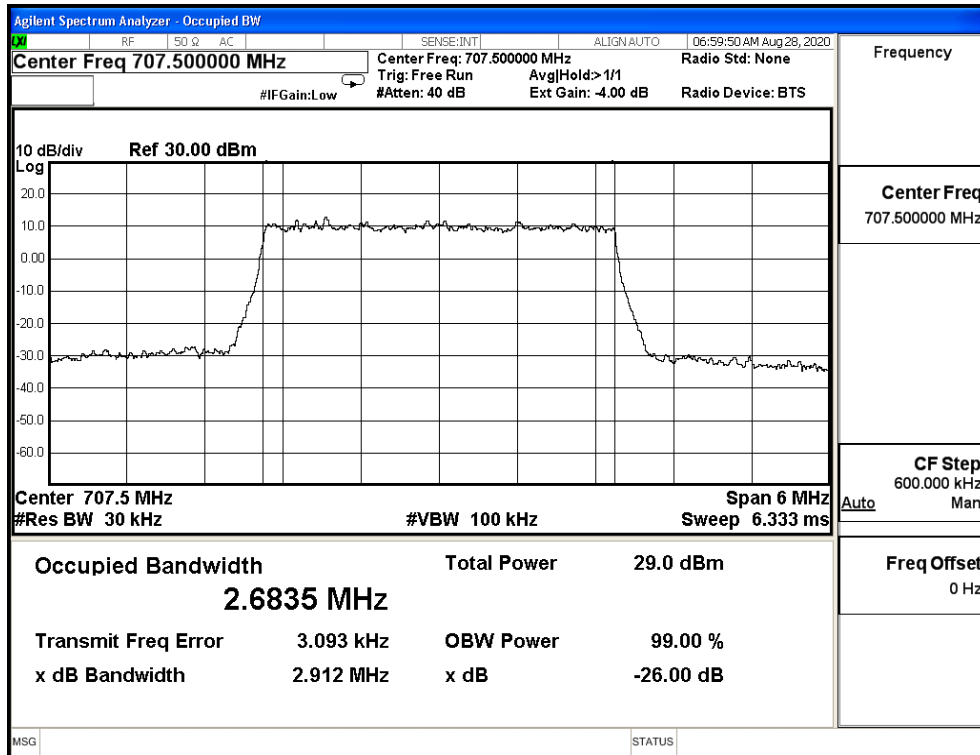
### 16QAM\_CH23165\_3M



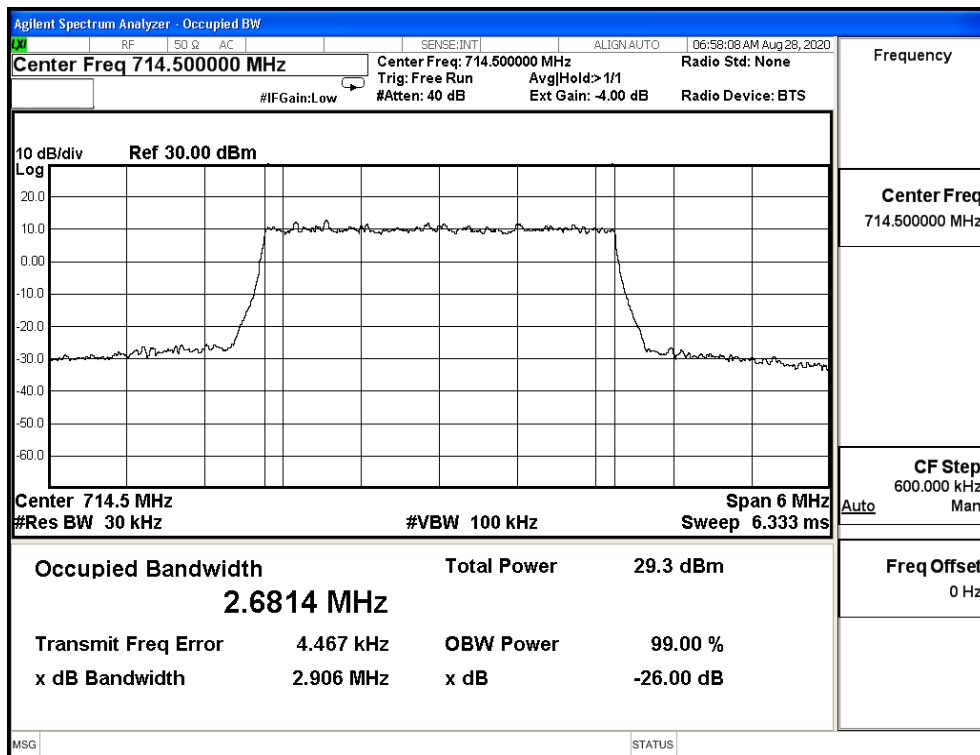
### 64QAM\_CH23025\_3M



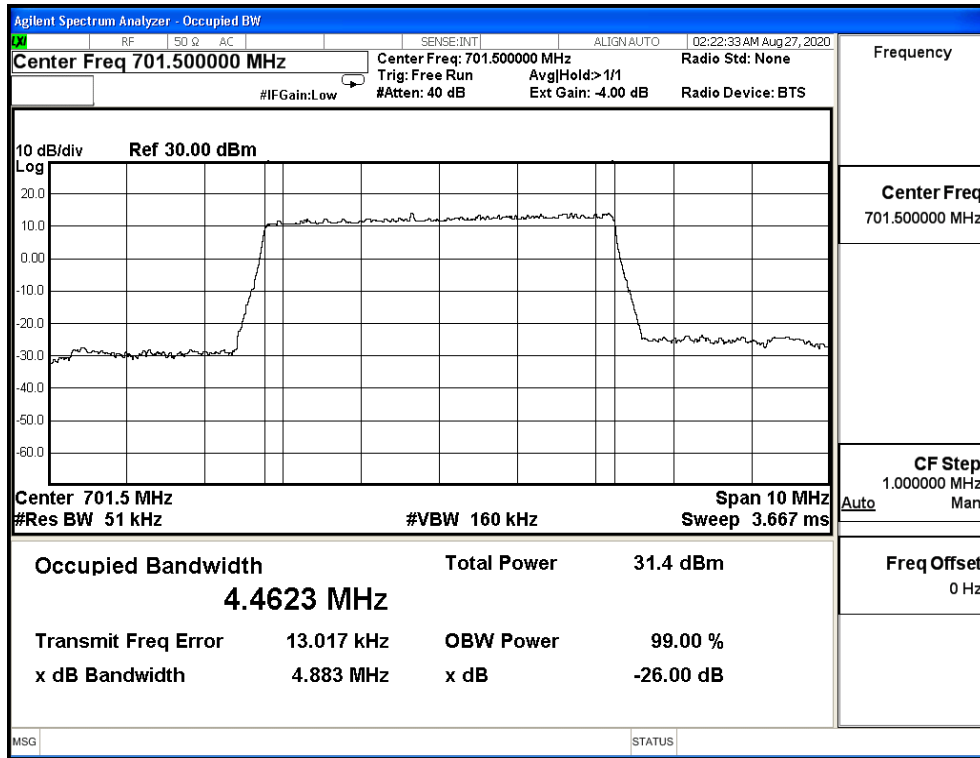
64QAM\_CH23095\_3M



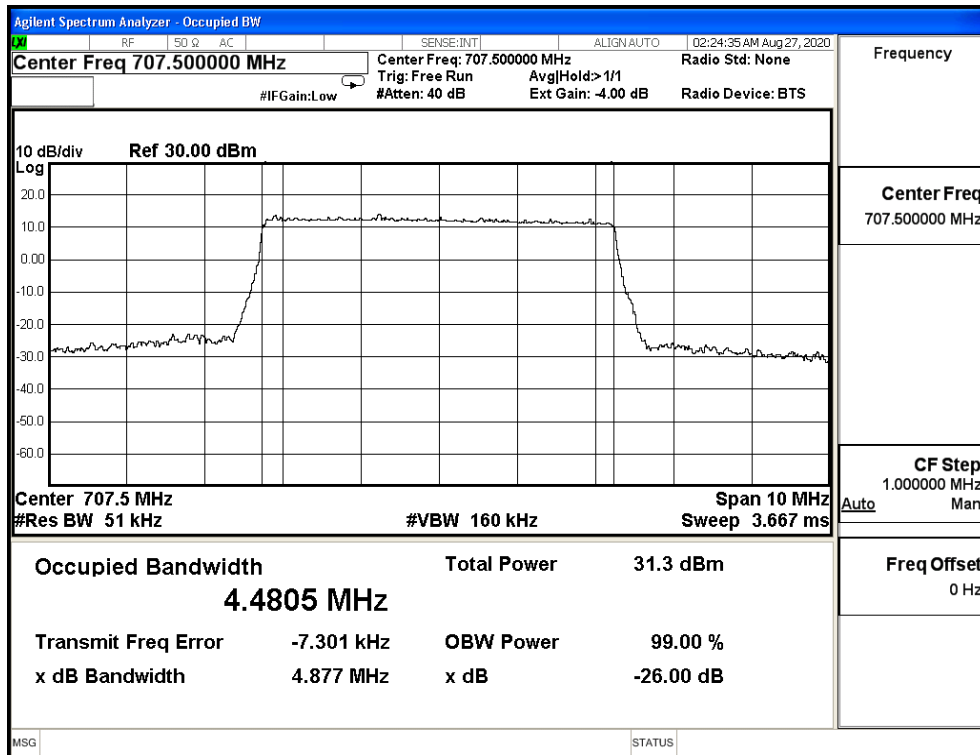
64QAM\_CH23165\_3M



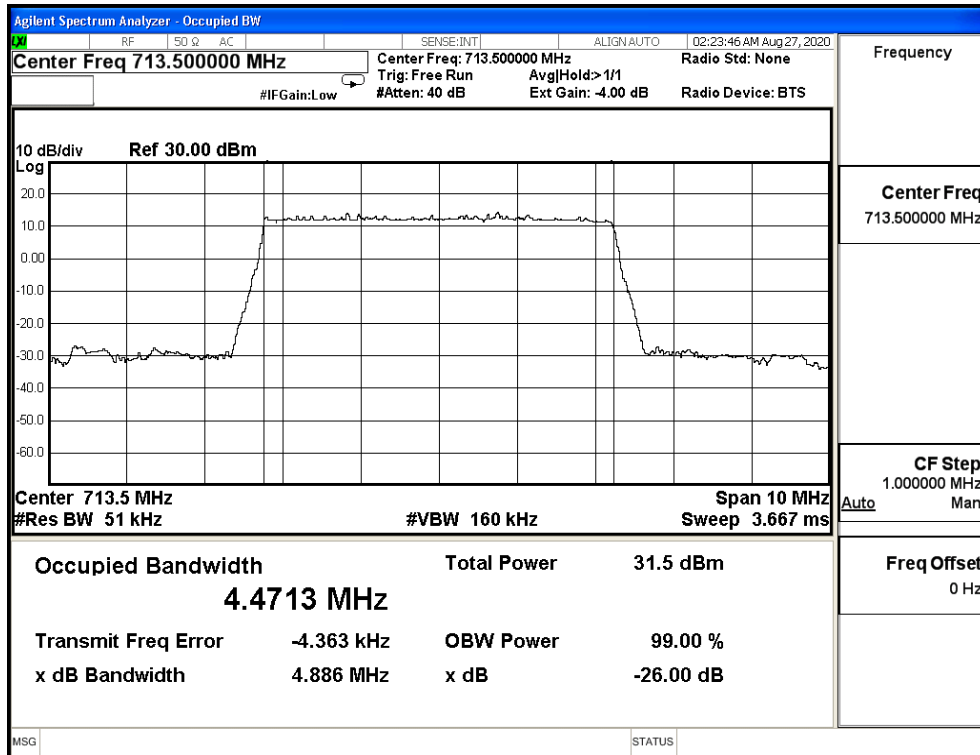
QPSK\_CH23035\_5M



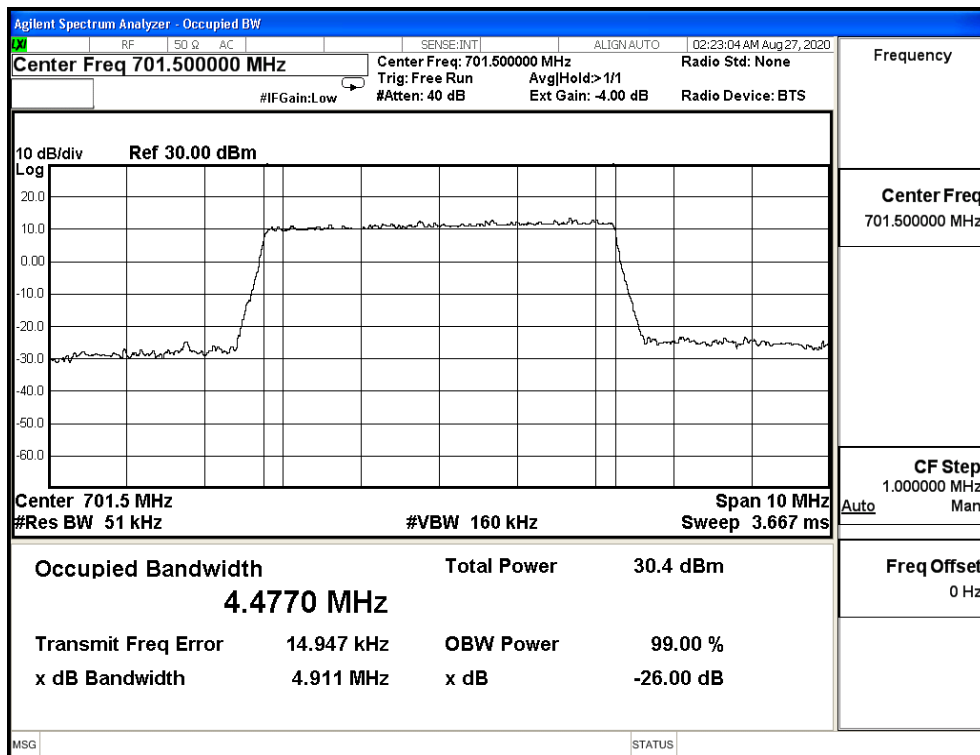
QPSK\_CH23095\_5M



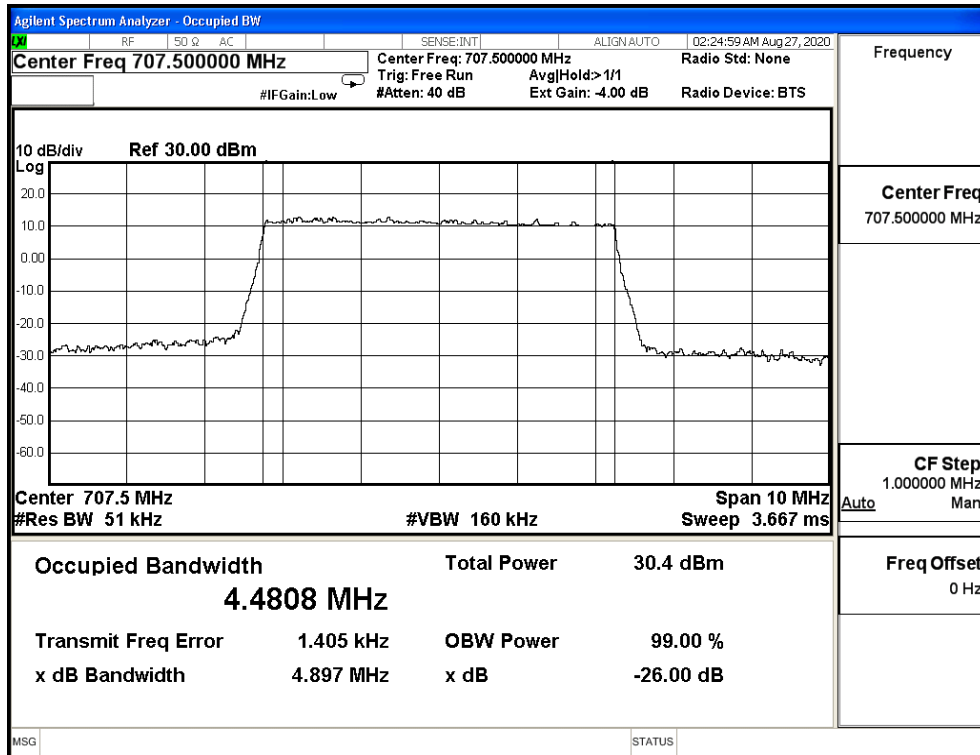
QPSK\_CH23155\_5M



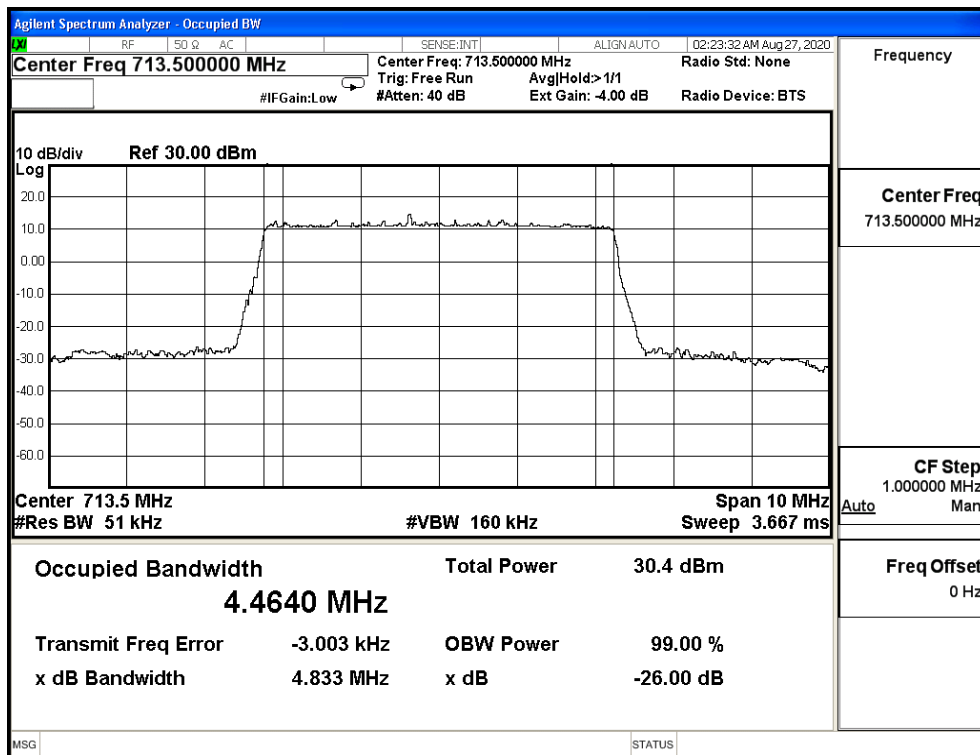
16QAM\_CH23035\_5M



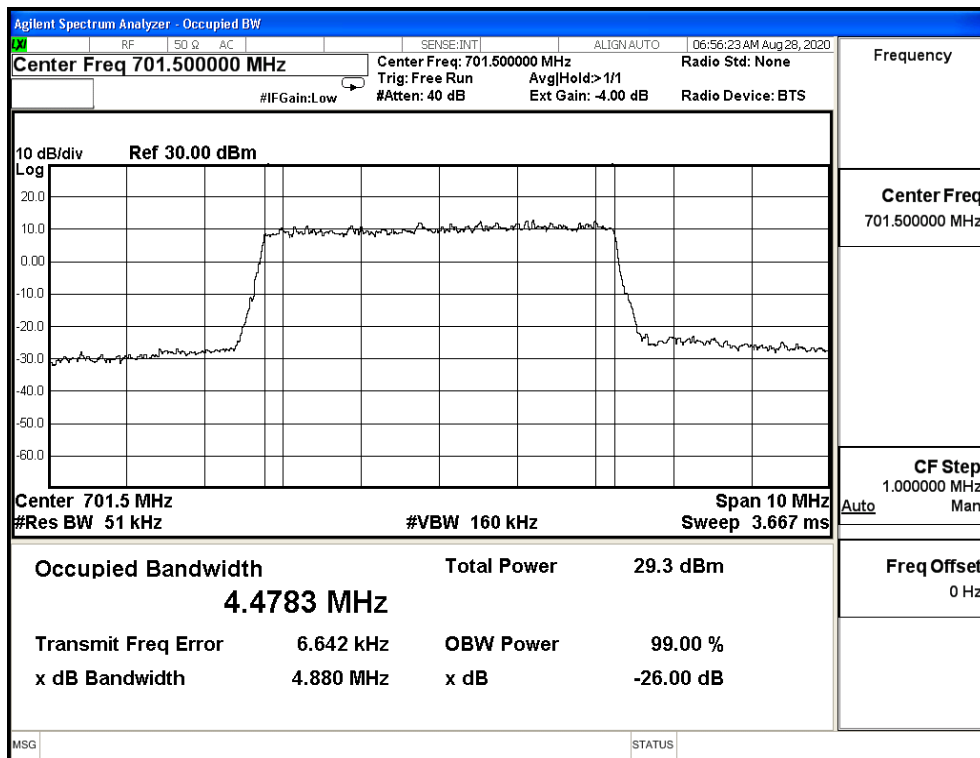
16QAM\_CH23095\_5M



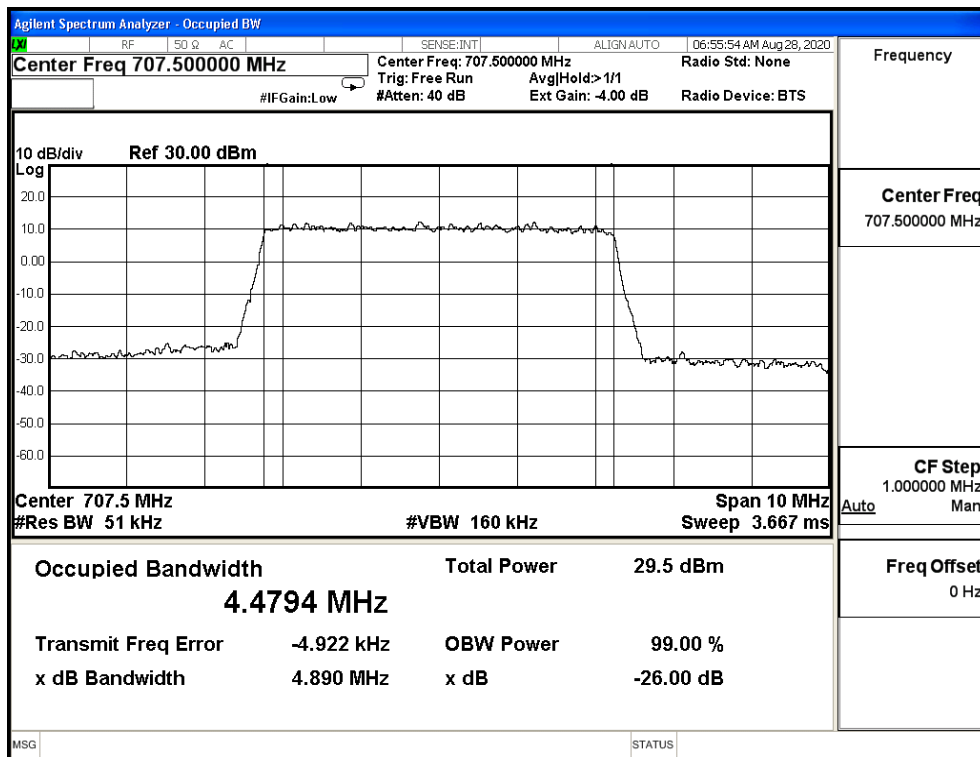
16QAM\_CH23155\_5M



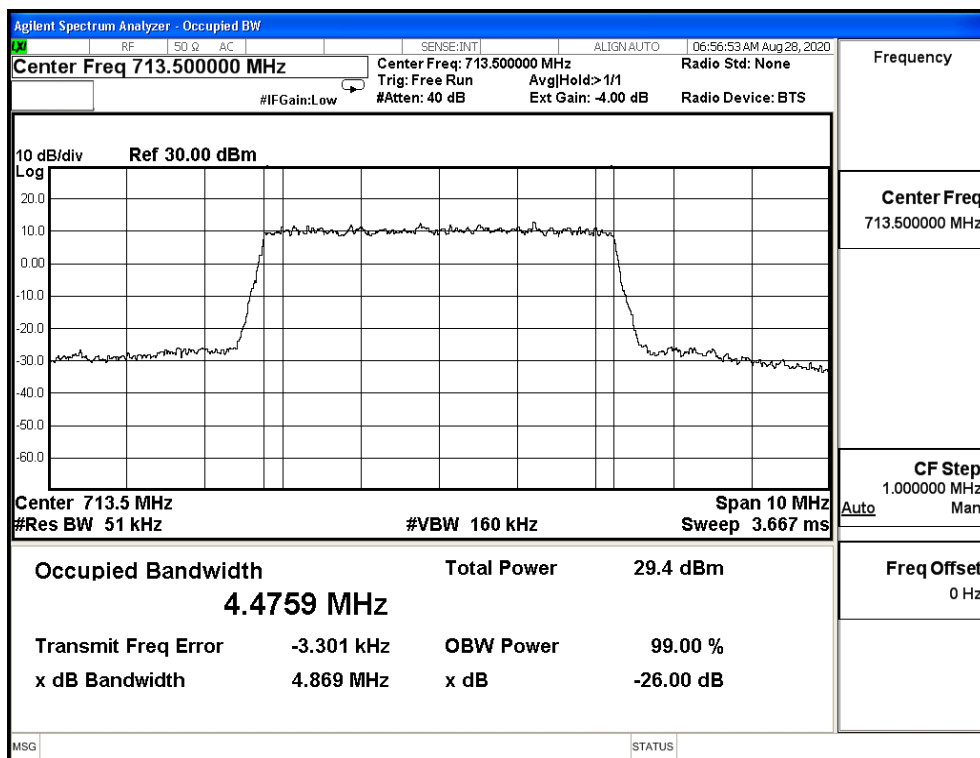
64QAM\_CH23035\_5M



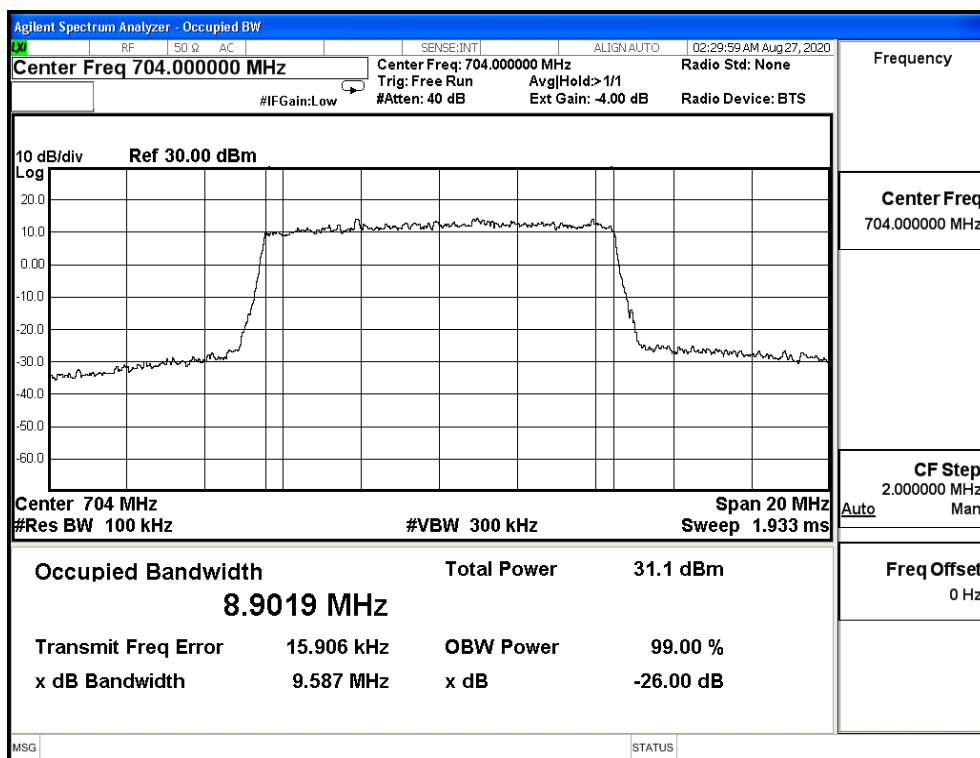
64QAM\_CH23095\_5M



### 64QAM\_CH23155\_5M

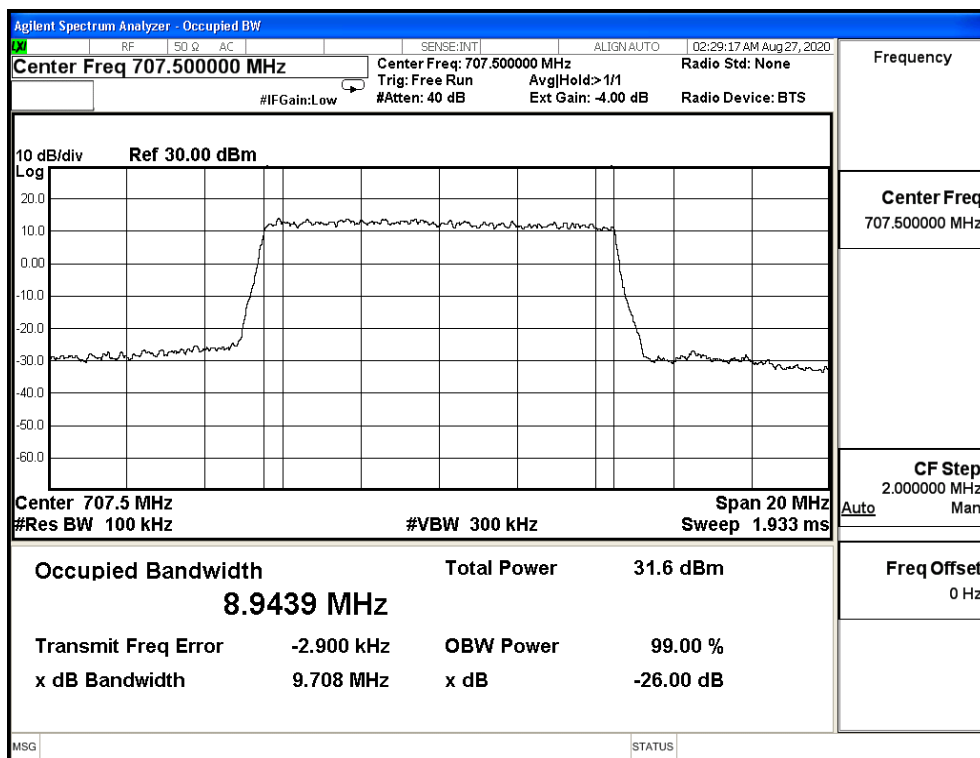


### QPSK\_CH23060\_10M

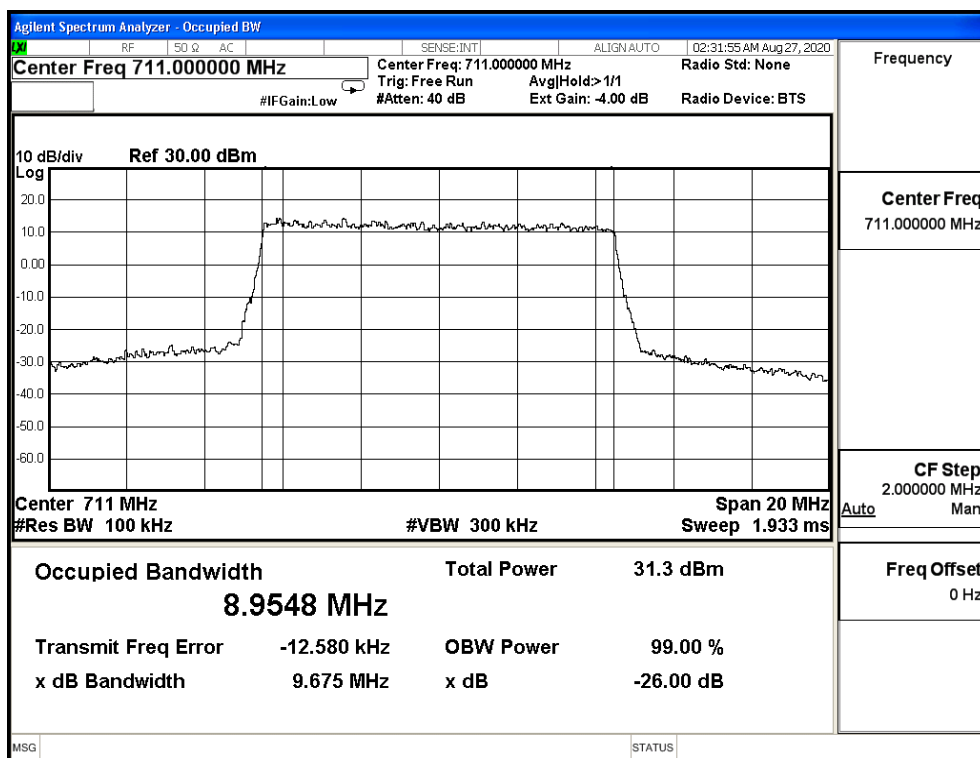




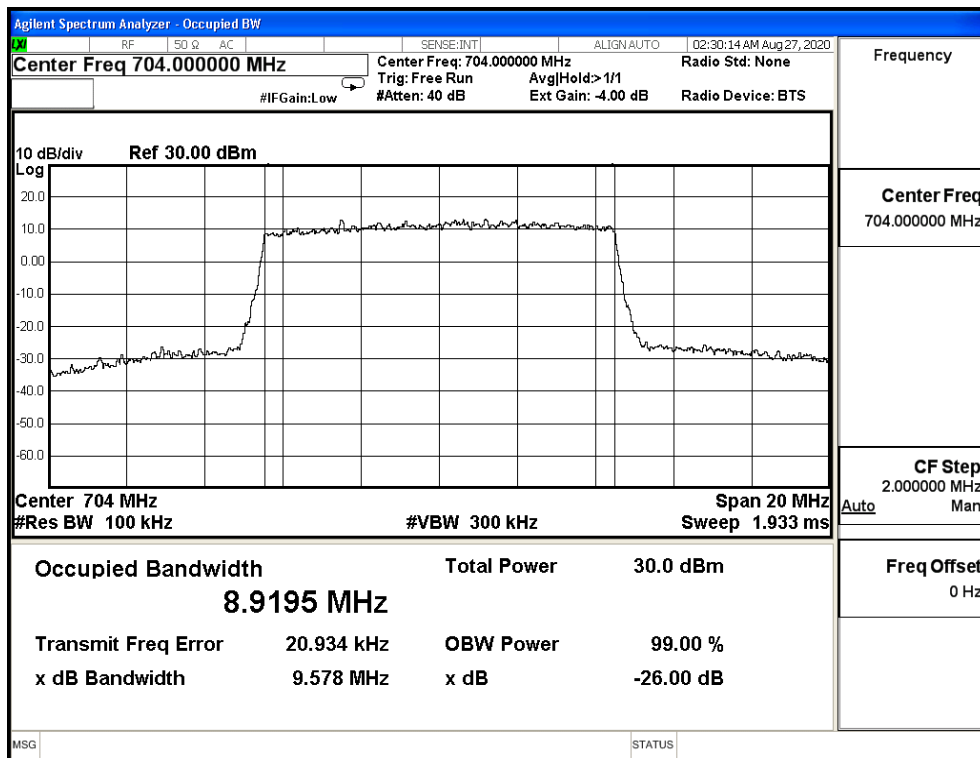
QPSK\_CH23095\_10M



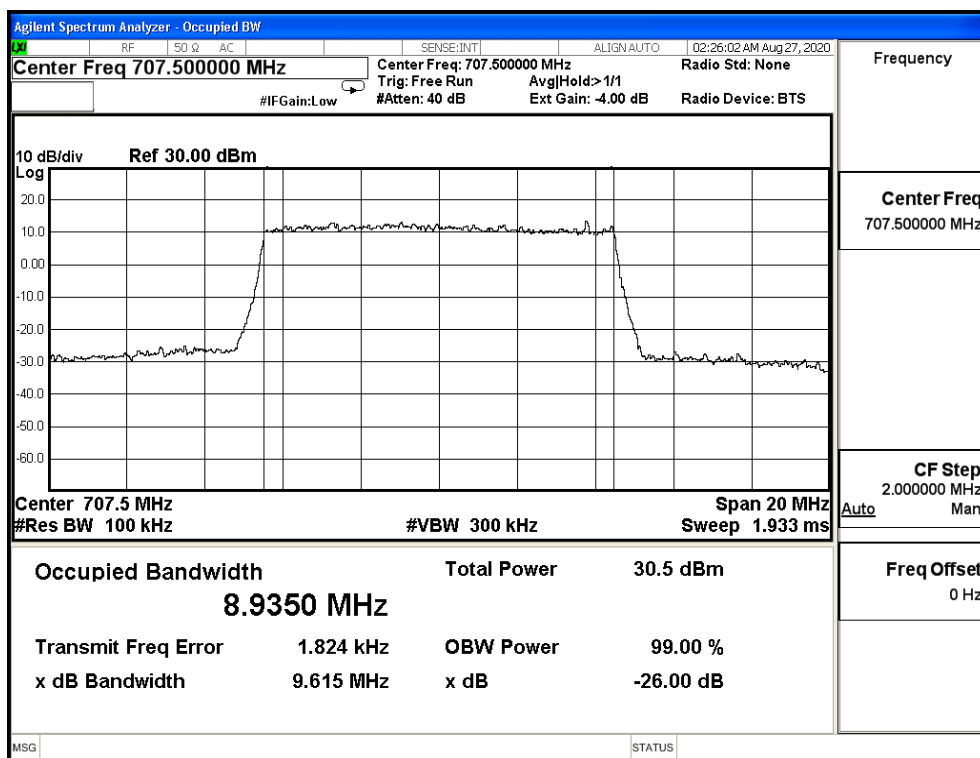
QPSK\_CH23130\_10M



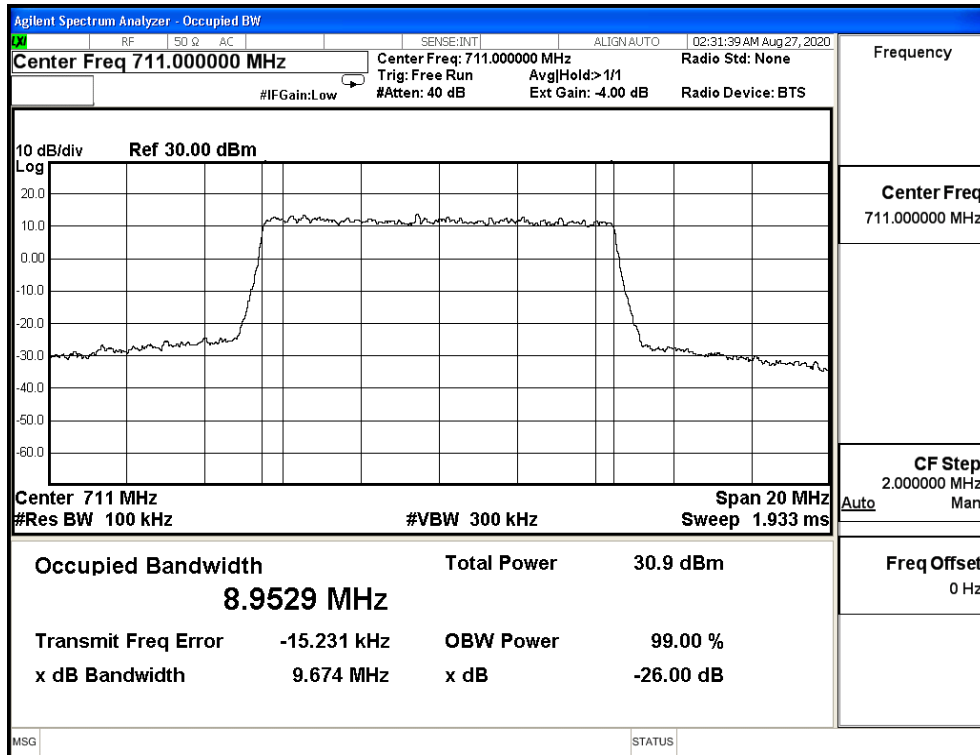
16QAM\_CH23060\_10M



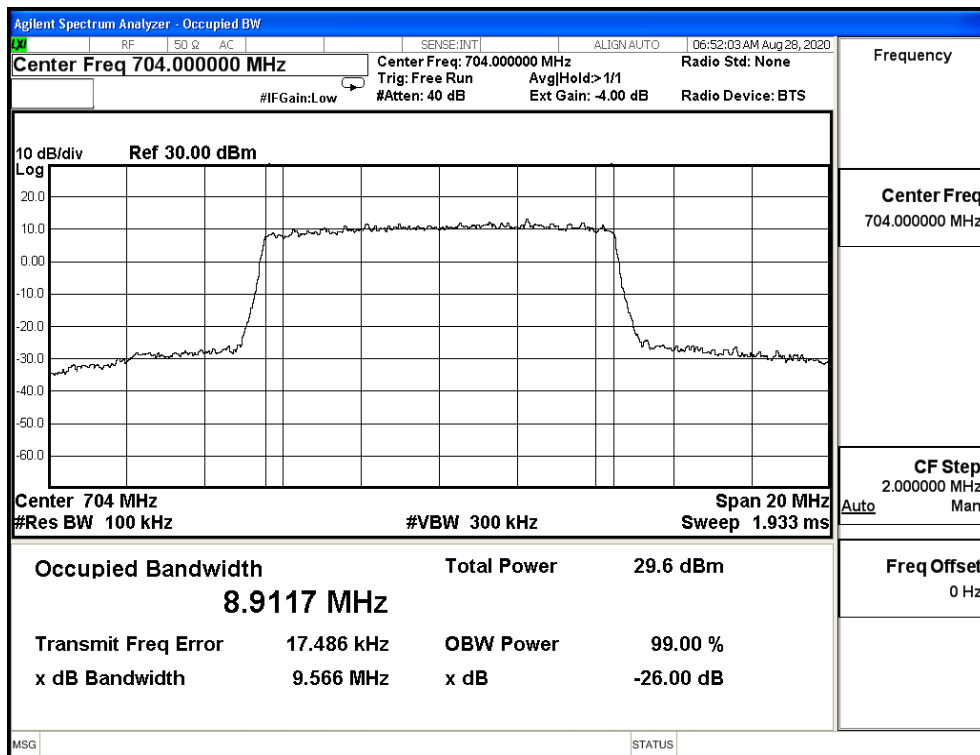
16QAM\_CH23095\_10M



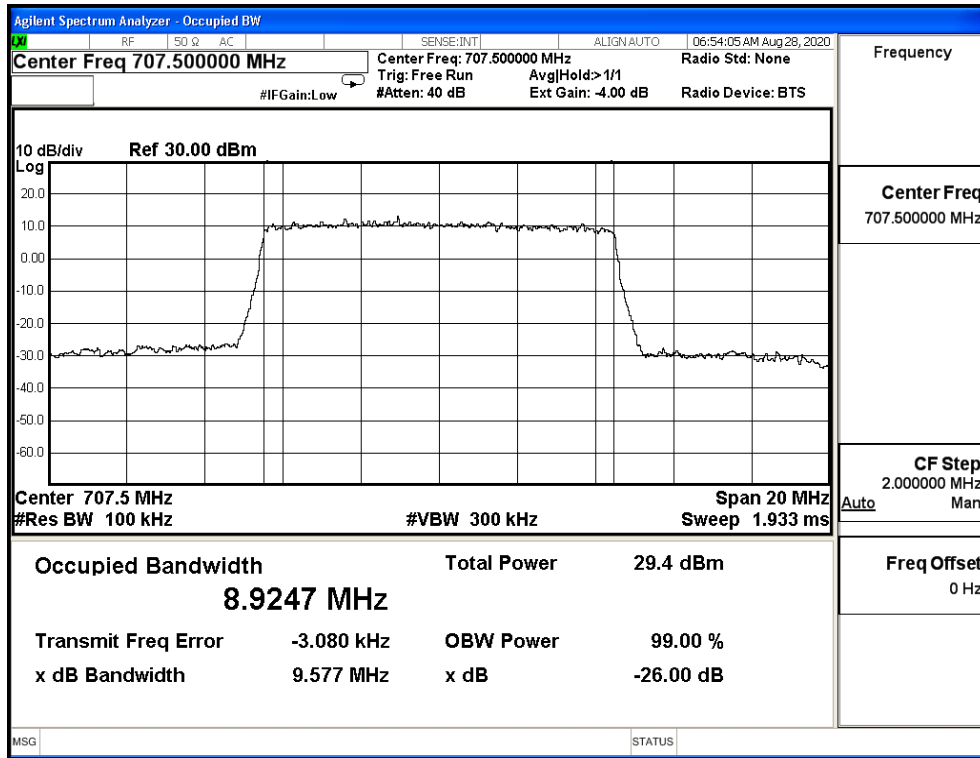
16QAM\_CH23130\_10M



64QAM\_CH23060\_10M



64QAM\_CH23095\_10M



64QAM\_CH23130\_10M

