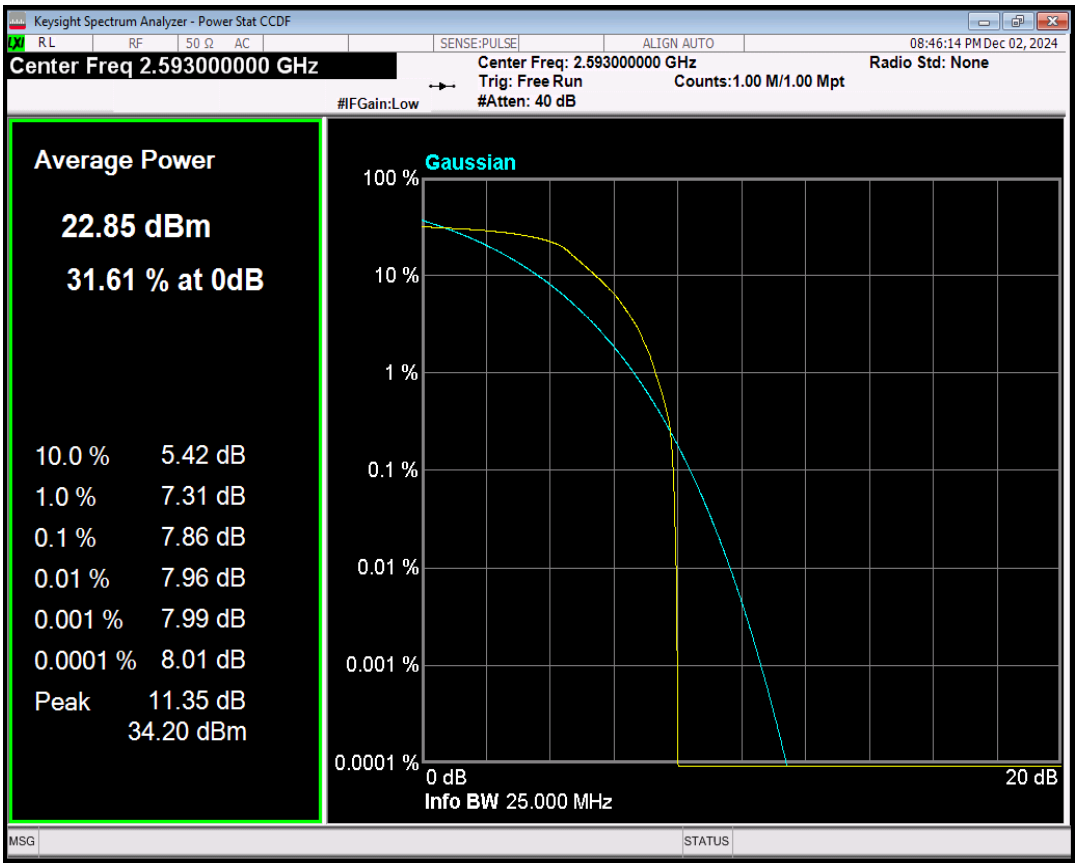
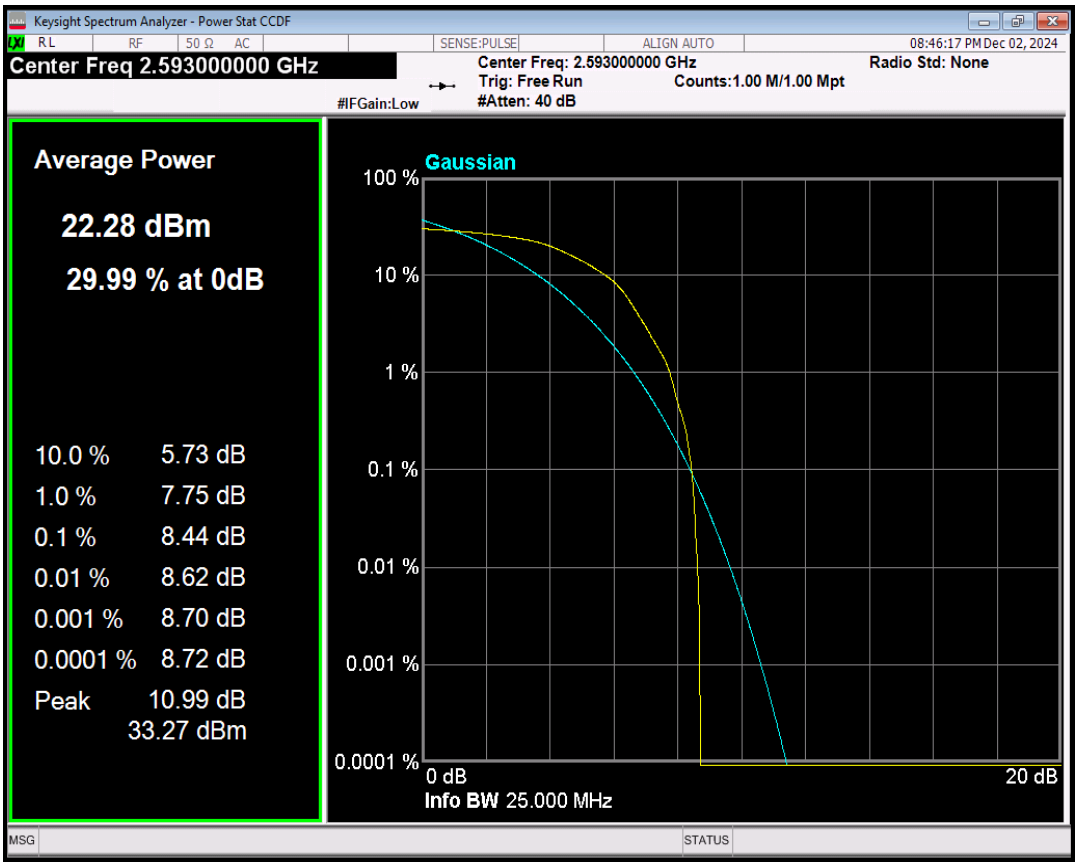
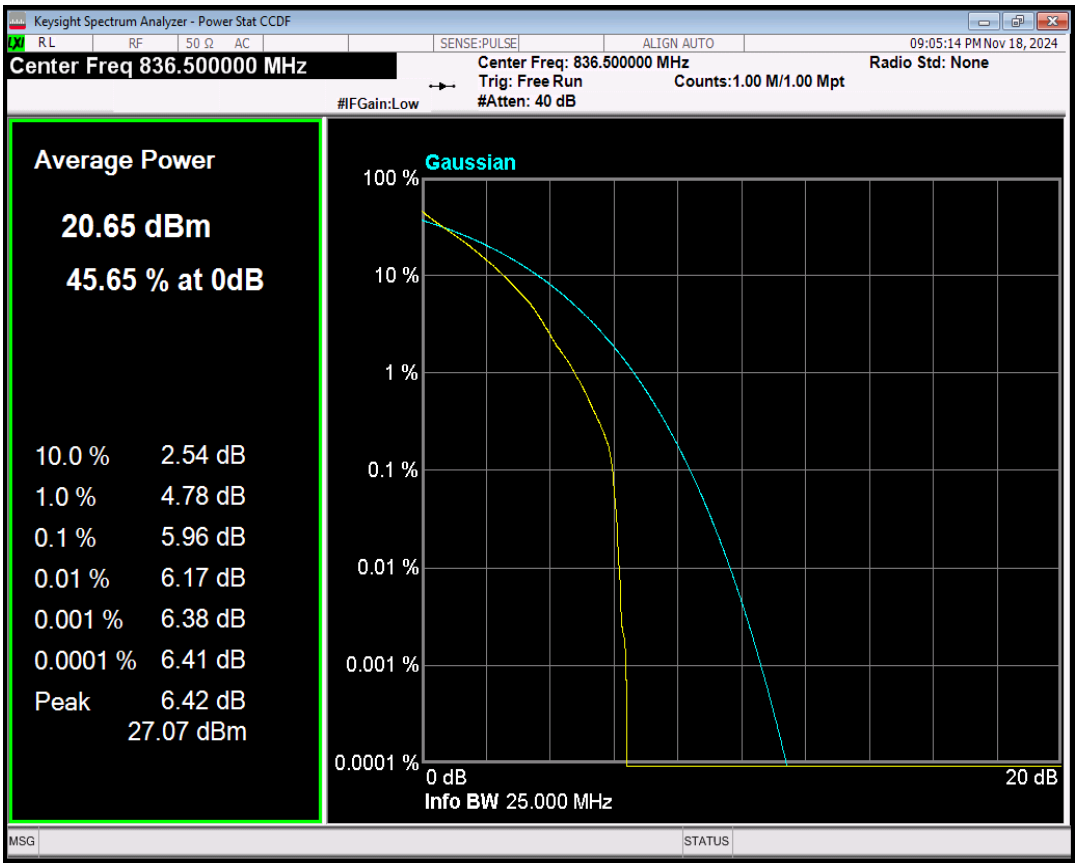


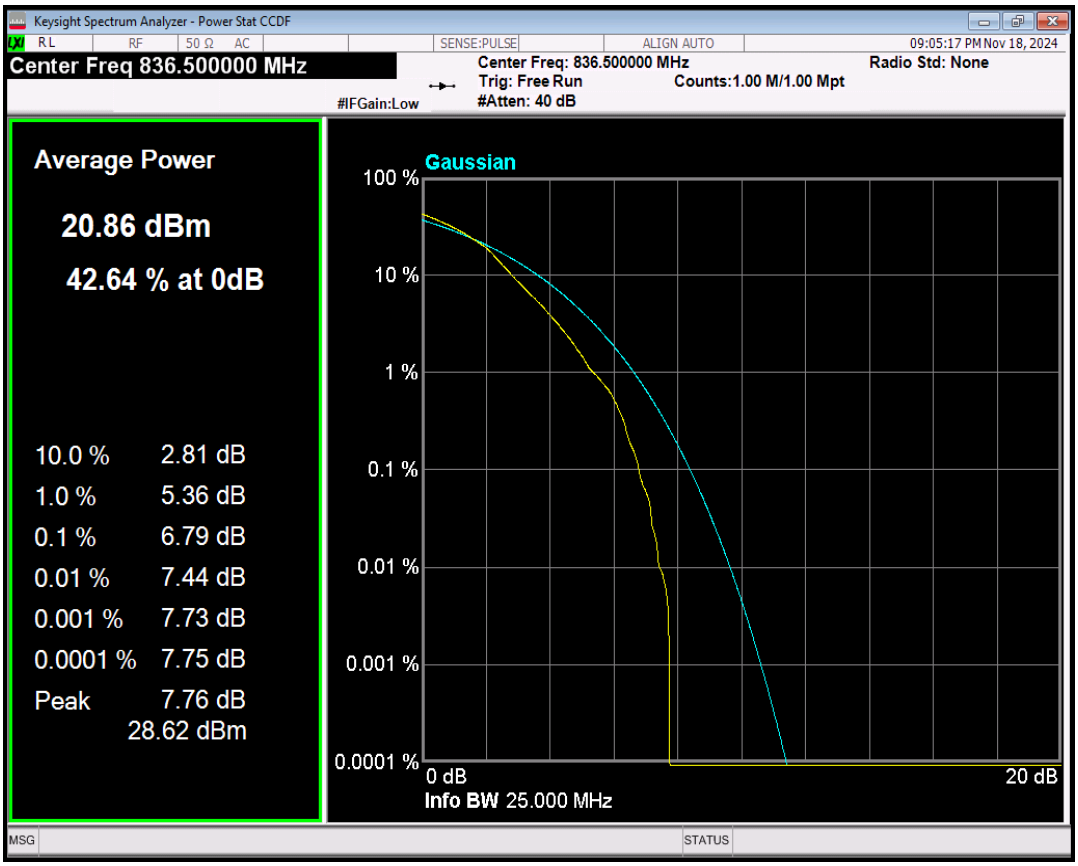
Band41 16QAM BW=20MHz Channel=40620 RB Size=1 Position=#0



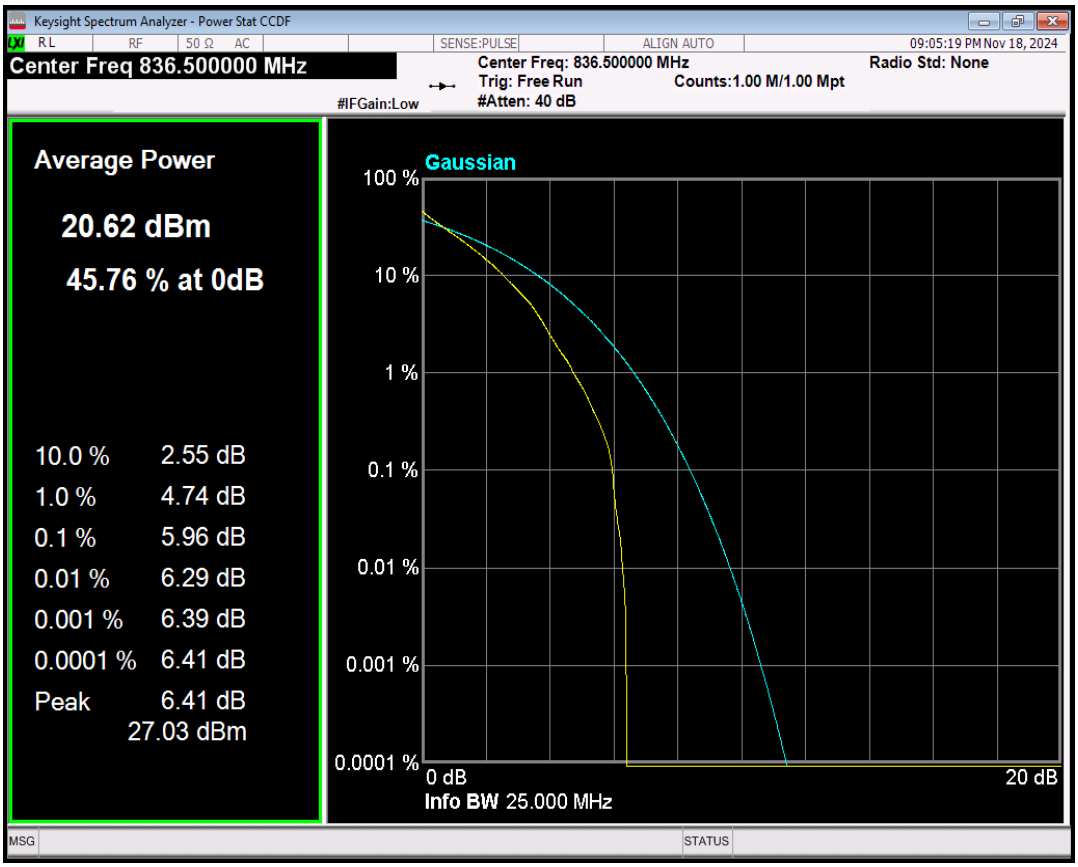
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=1 Position=#0



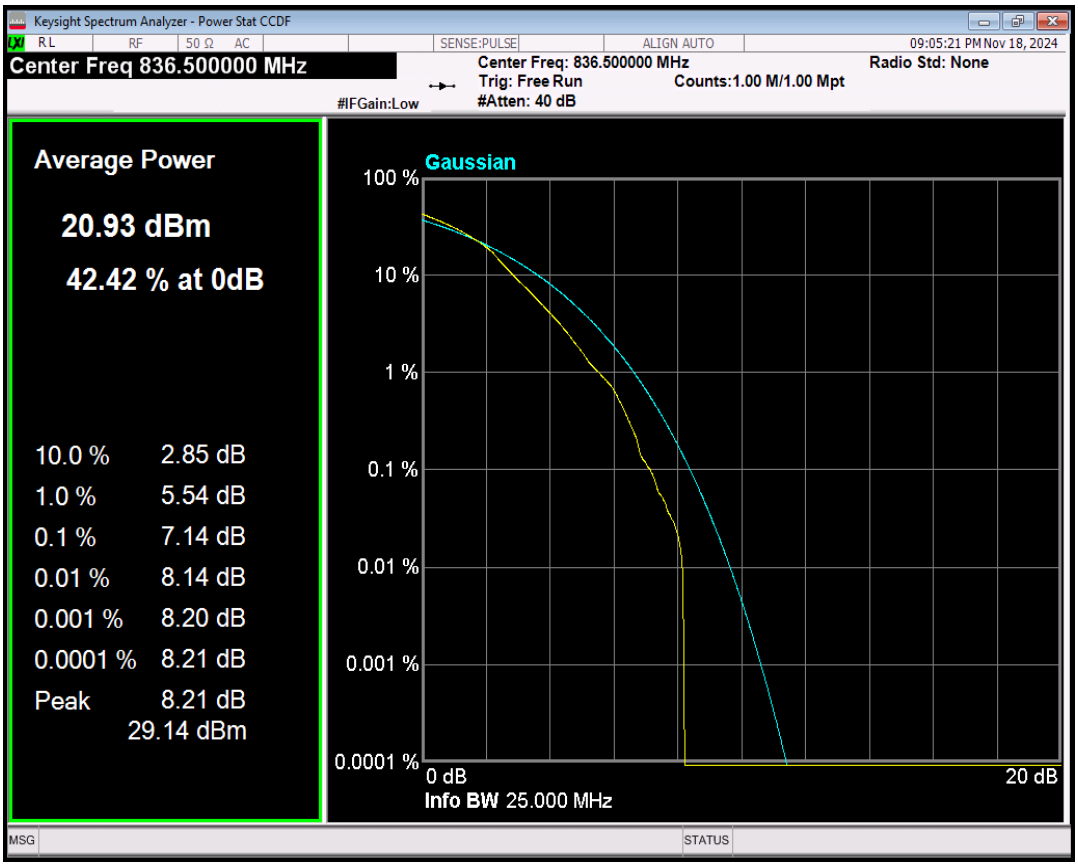
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=1 Position=#0



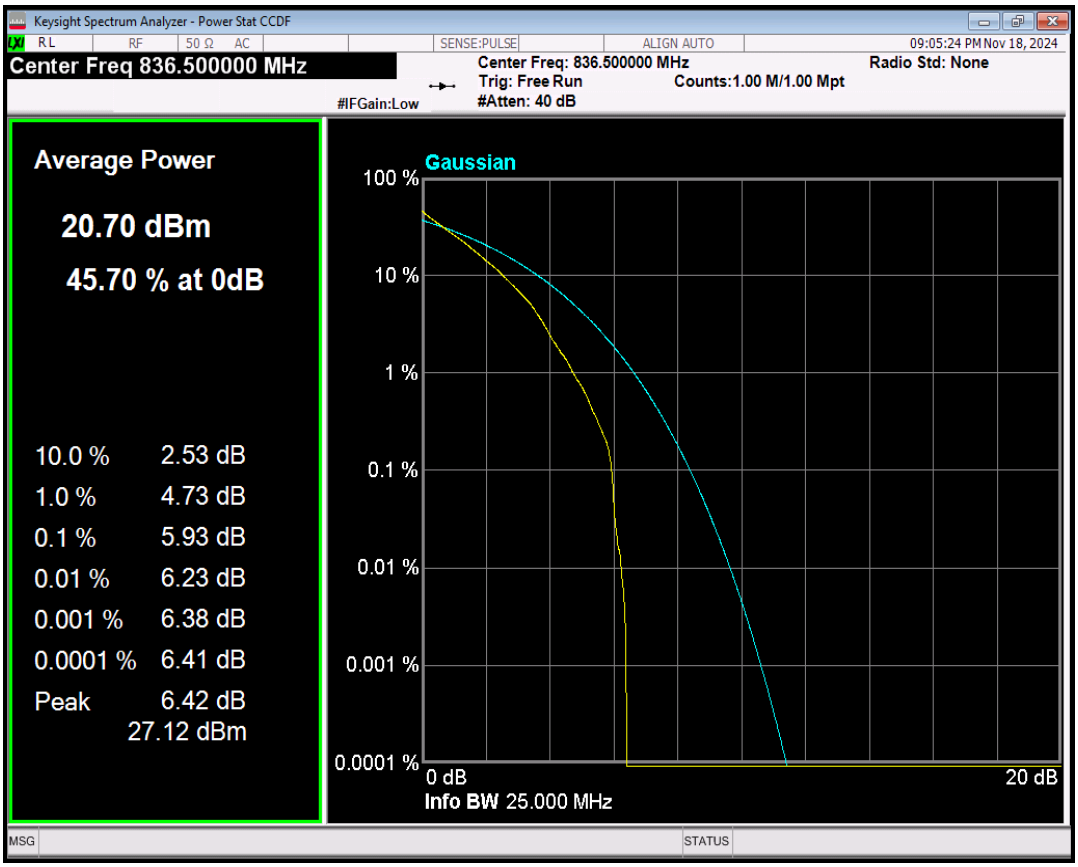
Band5 QPSK BW=3MHz Channel=20525 RB Size=1 Position=#0



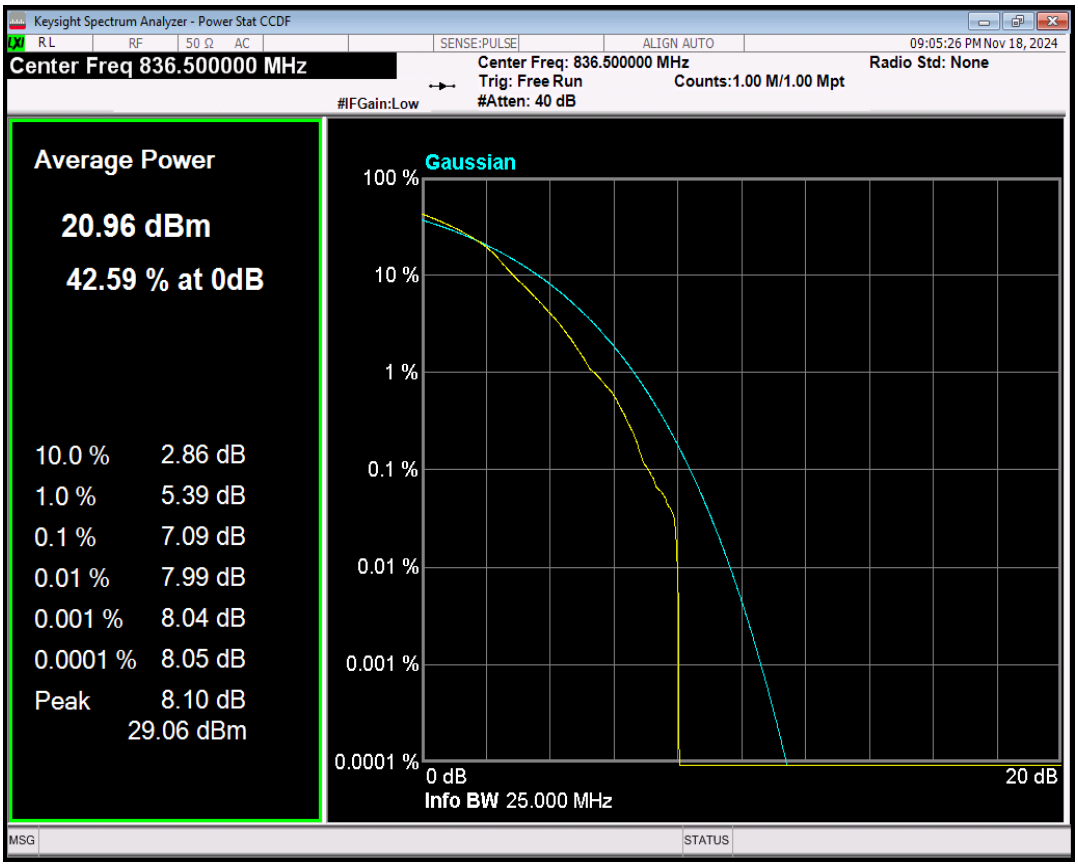
Band5 16QAM BW=3MHz Channel=20525 RB Size=1 Position=#0



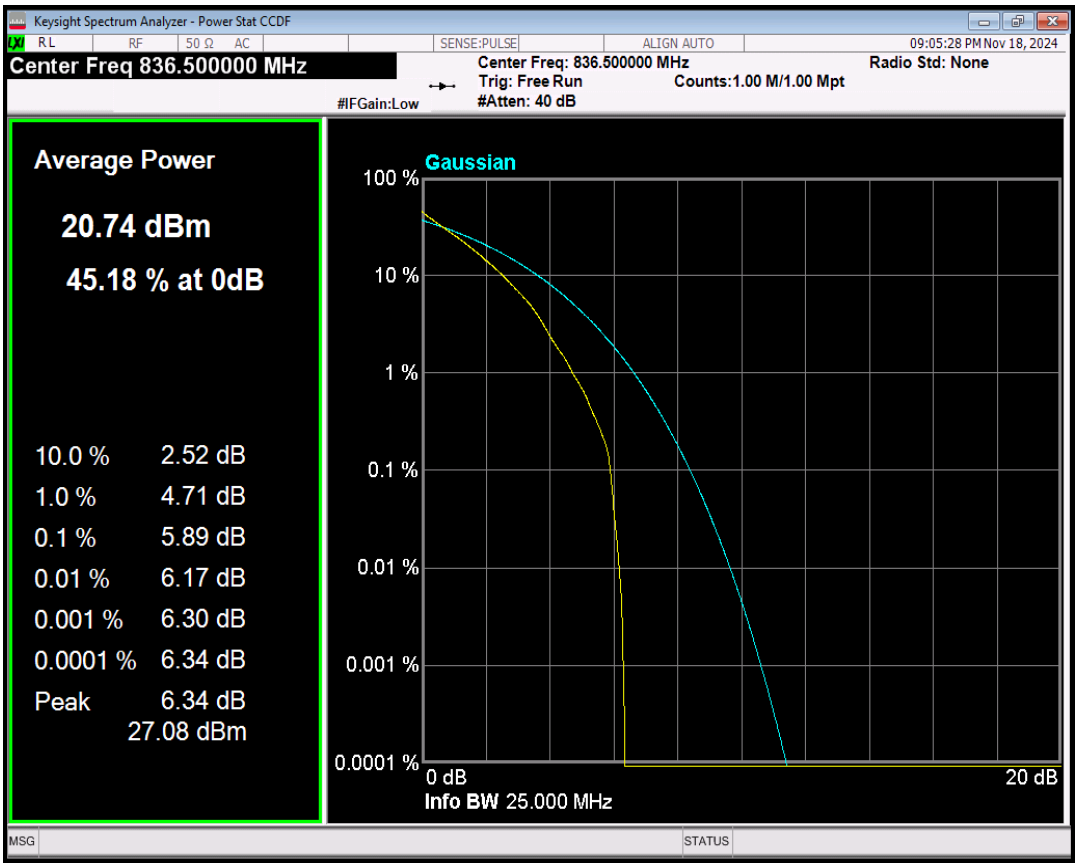
Band5 QPSK BW=5MHz Channel=20525 RB Size=1 Position=#0



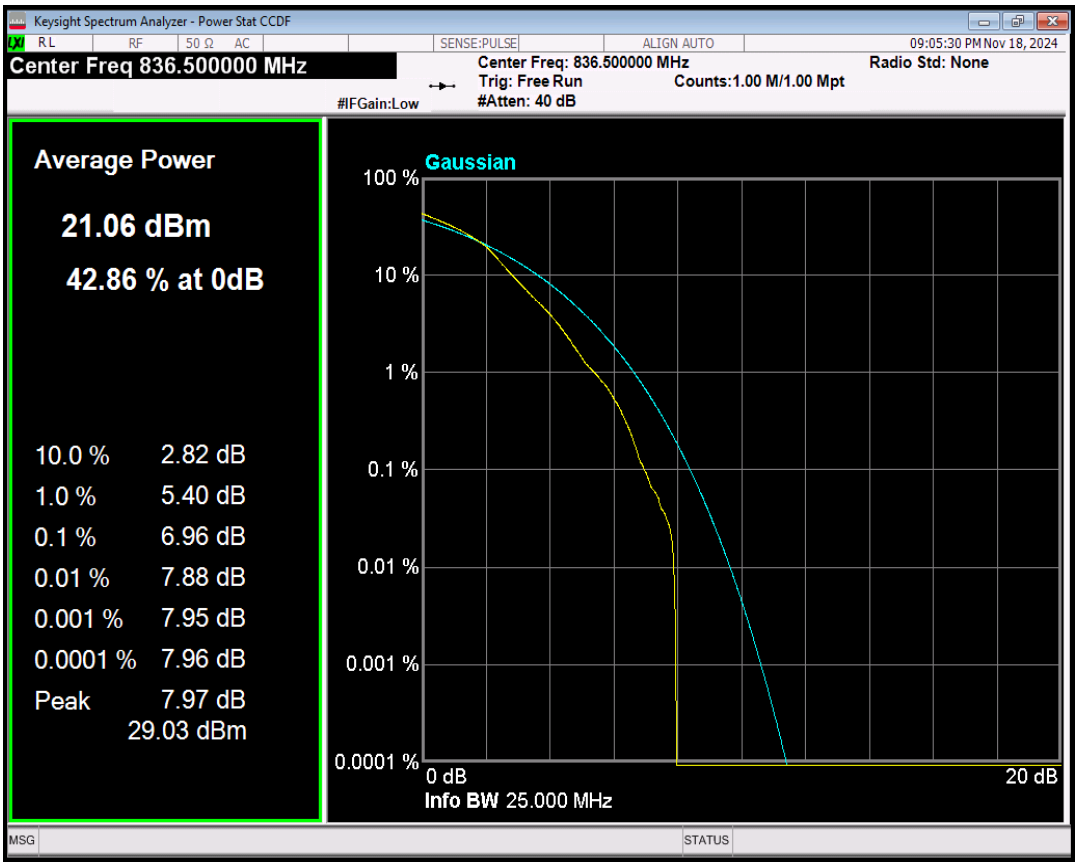
Band5 16QAM BW=5MHz Channel=20525 RB Size=1 Position=#0



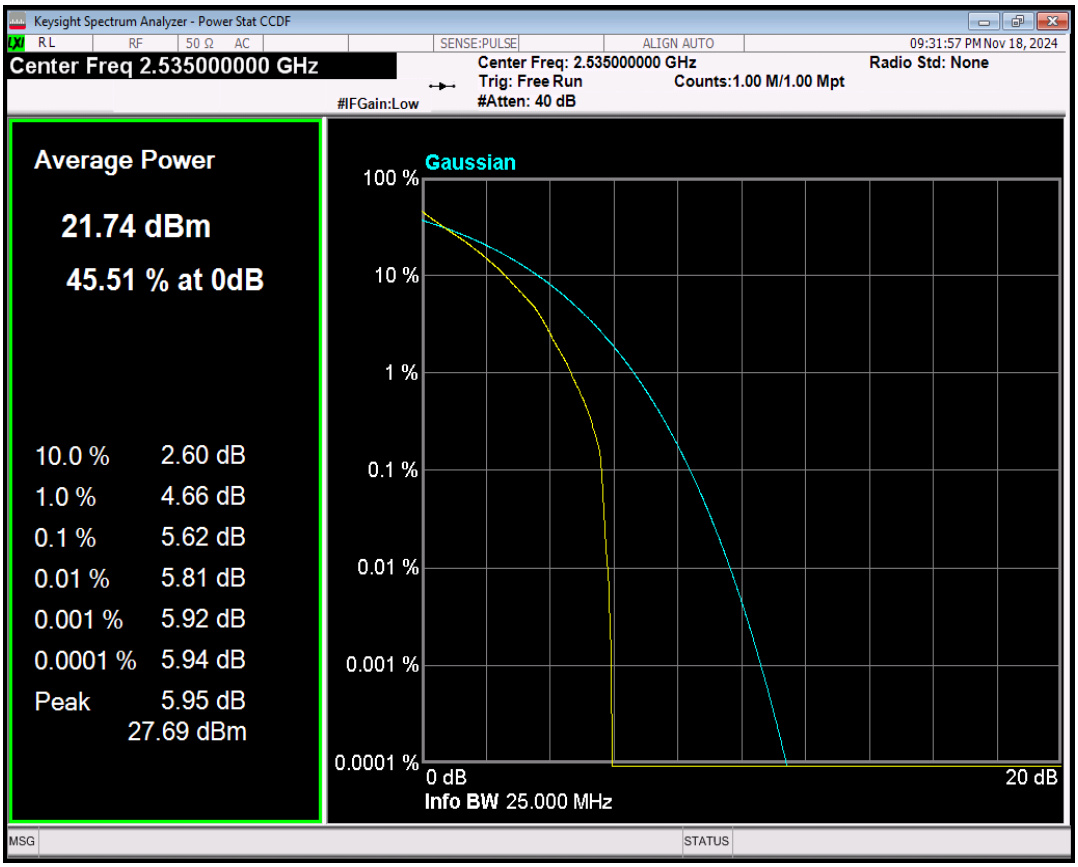
Band5 QPSK BW=10MHz Channel=20525 RB Size=1 Position=#0



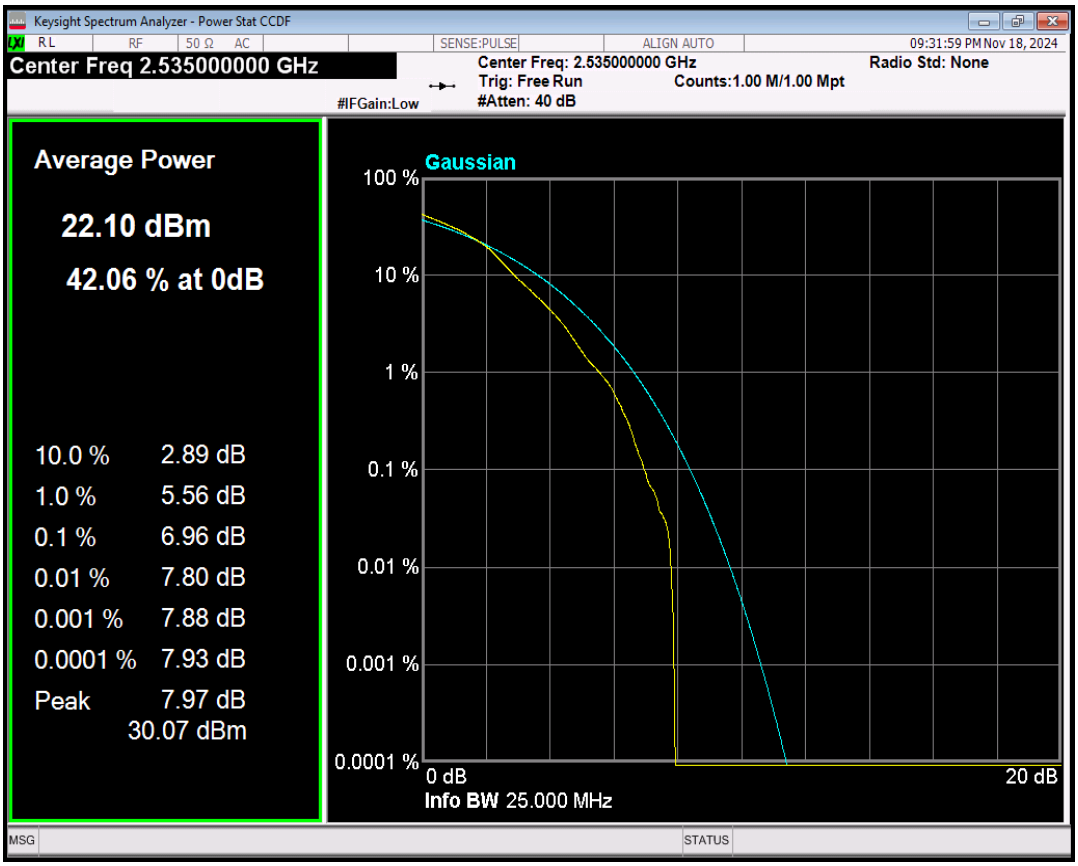
Band5 16QAM BW=10MHz Channel=20525 RB Size=1 Position=#0



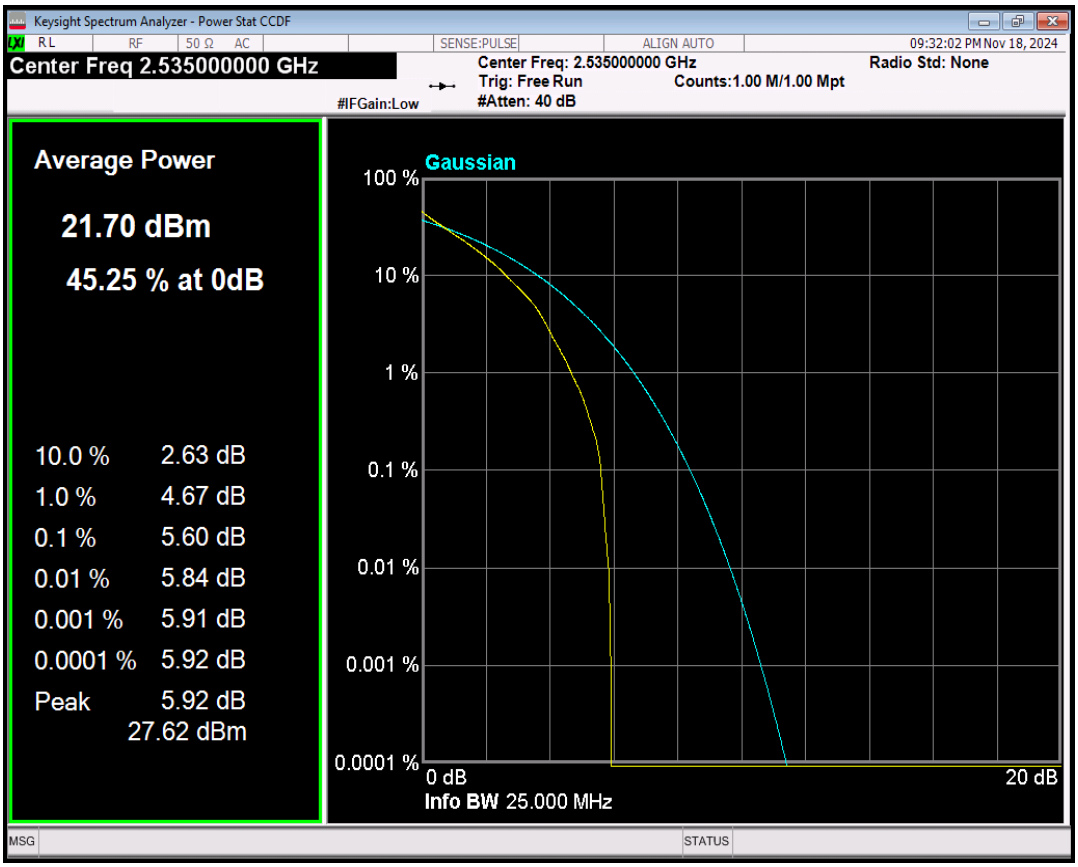
Band7 QPSK BW=5MHz Channel=21100 RB Size=1 Position=#0



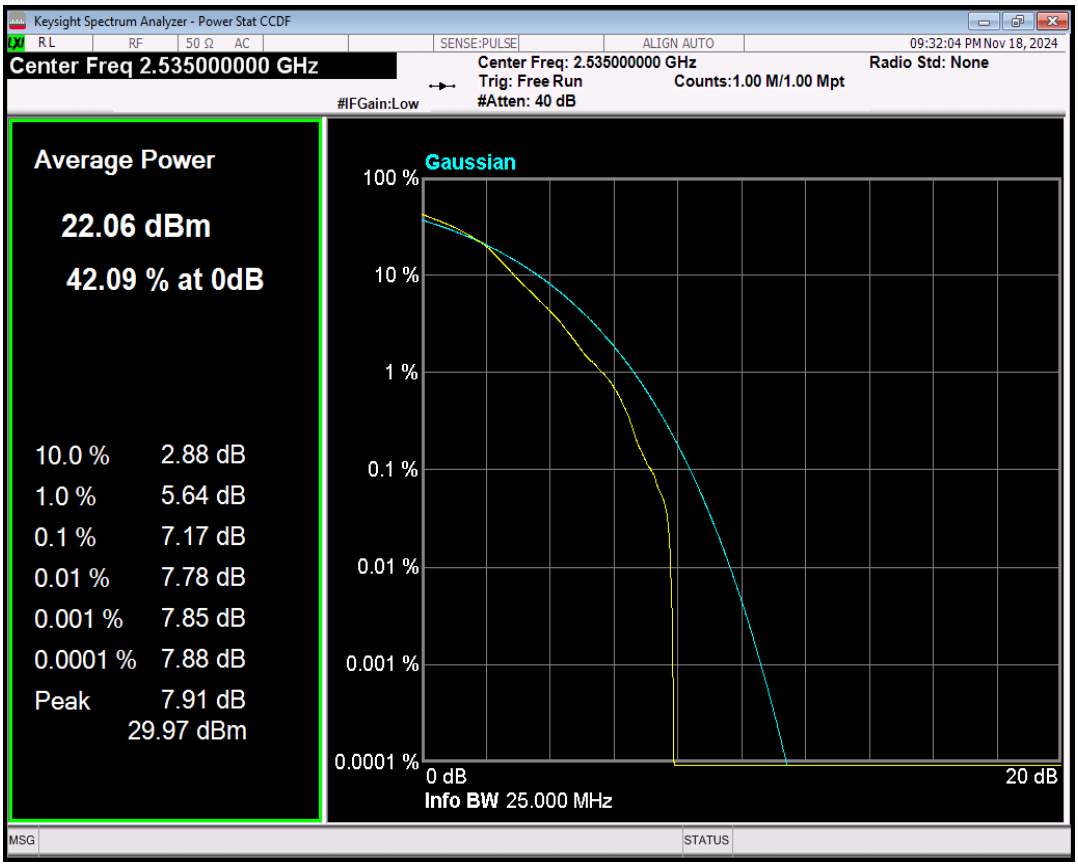
Band7 16QAM BW=5MHz Channel=21100 RB Size=1 Position=#0



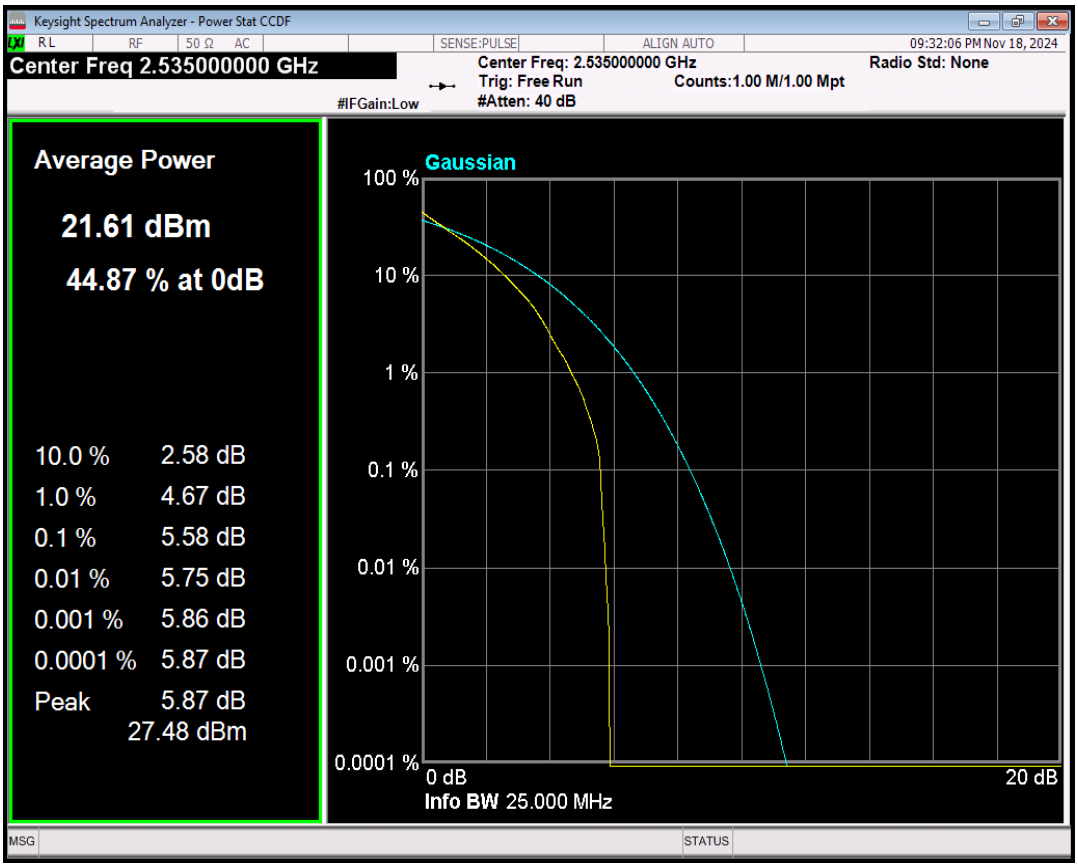
Band7 QPSK BW=10MHz Channel=21100 RB Size=1 Position=#0



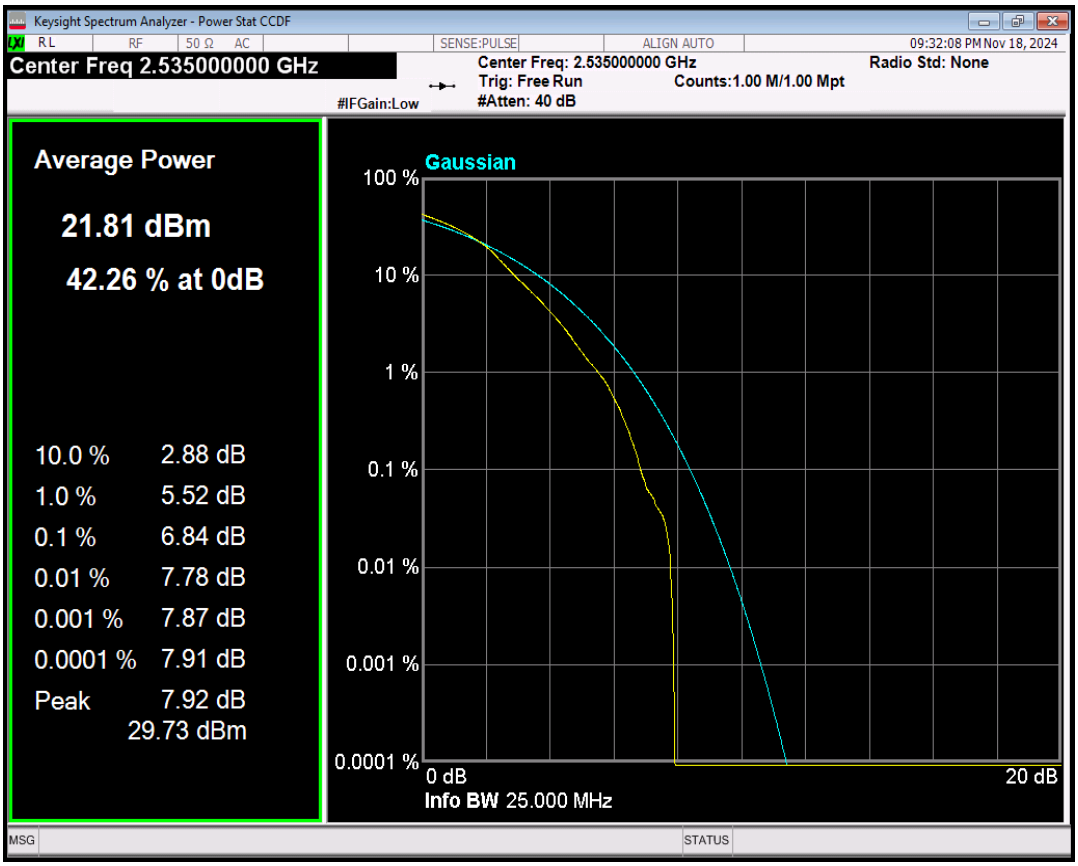
Band7 16QAM BW=10MHz Channel=21100 RB Size=1 Position=#0



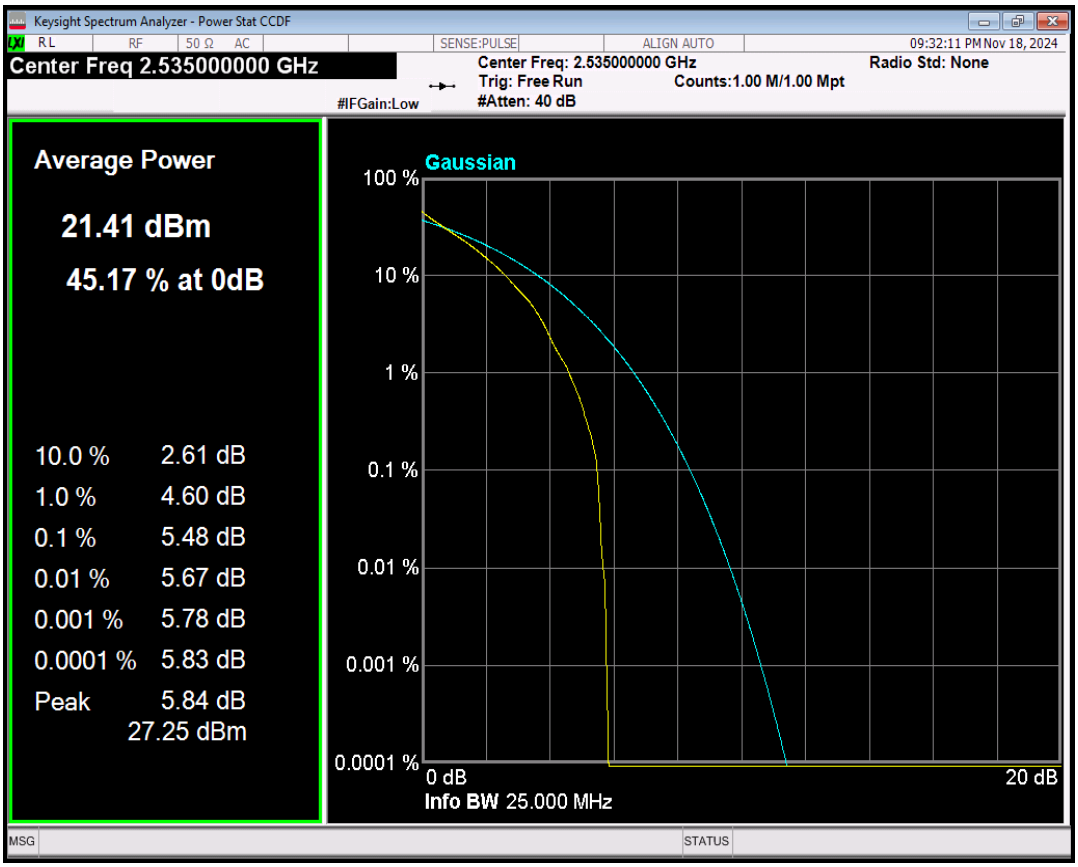
Band7 QPSK BW=15MHz Channel=21100 RB Size=1 Position=#0



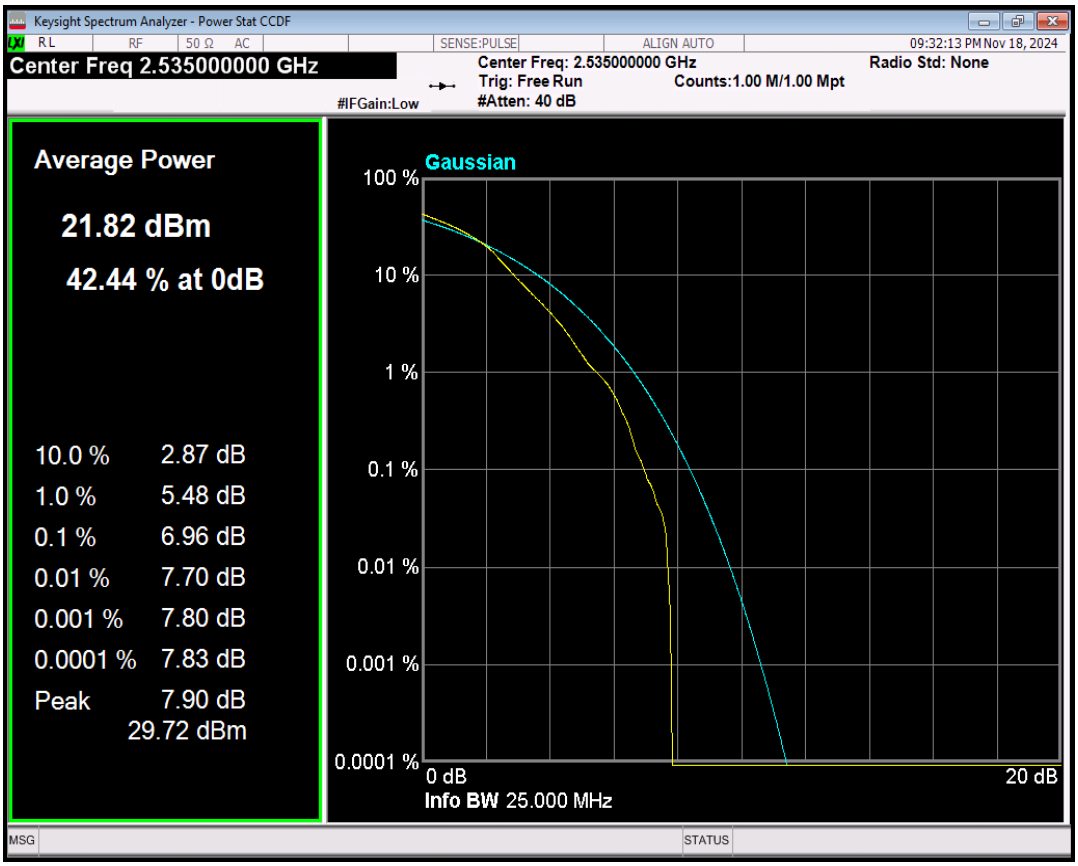
Band7 16QAM BW=15MHz Channel=21100 RB Size=1 Position=#0



Band7 QPSK BW=20MHz Channel=21100 RB Size=1 Position=#0



Band7 16QAM BW=20MHz Channel=21100 RB Size=1 Position=#0



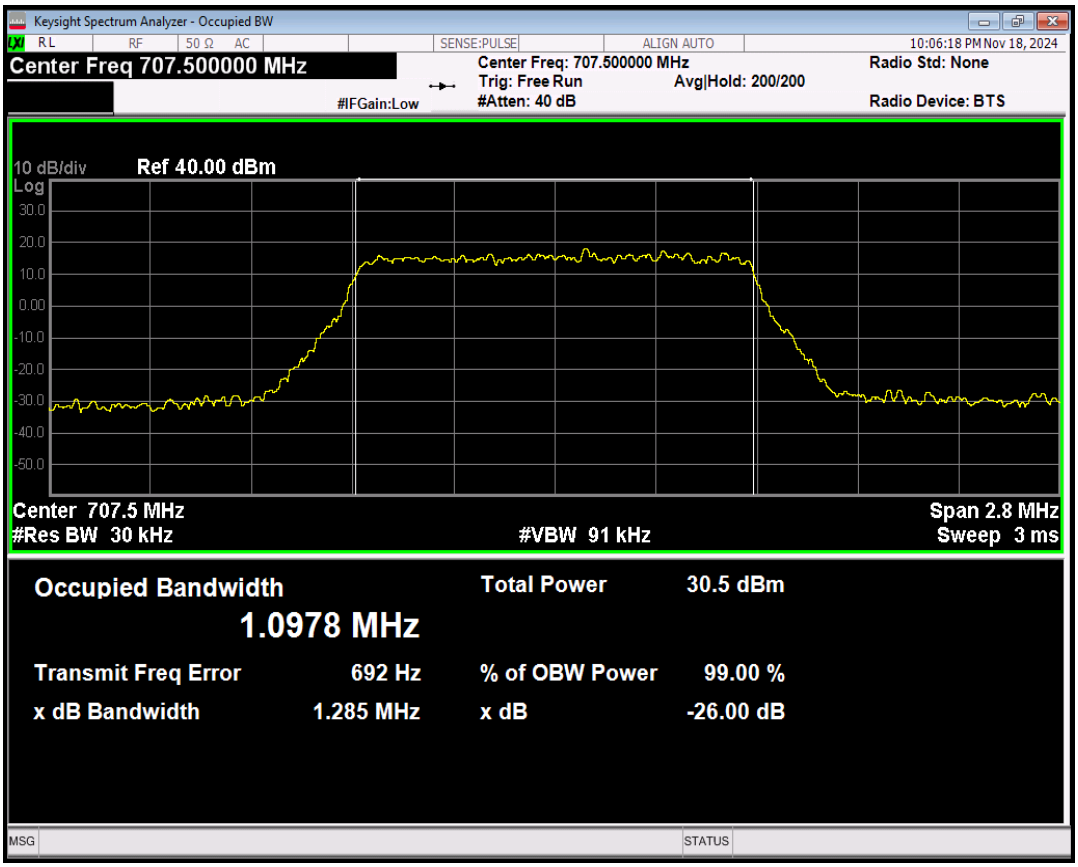
04 Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band12	1.4	23095	6	#0	QPSK	1.098	1.285	PASS
Band12	1.4	23095	6	#0	16QAM	1.094	1.284	PASS
Band12	3	23095	15	#0	QPSK	2.692	2.930	PASS
Band12	3	23095	15	#0	16QAM	2.688	2.956	PASS
Band12	5	23095	25	#0	QPSK	4.491	4.942	PASS
Band12	5	23095	25	#0	16QAM	4.486	4.884	PASS
Band12	10	23095	50	#0	QPSK	8.920	9.669	PASS
Band12	10	23095	50	#0	16QAM	8.921	9.652	PASS
Band13	5	23230	25	#0	QPSK	4.502	4.908	PASS
Band13	5	23230	25	#0	16QAM	4.499	4.908	PASS
Band13	10	23230	50	#0	QPSK	8.987	9.656	PASS
Band13	10	23230	50	#0	16QAM	8.975	9.767	PASS
Band17	5	23790	25	#0	QPSK	4.506	4.891	PASS
Band17	5	23790	25	#0	16QAM	4.493	4.885	PASS
Band17	10	23790	50	#0	QPSK	8.947	9.714	PASS
Band17	10	23790	50	#0	16QAM	8.935	9.622	PASS
Band19	5	24075	25	#0	QPSK	4.511	4.891	PASS
Band19	5	24075	25	#0	16QAM	4.497	4.881	PASS
Band19	10	24075	50	#0	QPSK	8.974	9.672	PASS
Band19	10	24075	50	#0	16QAM	8.978	9.719	PASS
Band19	15	24075	75	#0	QPSK	13.461	14.663	PASS
Band19	15	24075	75	#0	16QAM	13.459	14.674	PASS
Band2	1.4	18900	6	#0	QPSK	1.093	1.280	PASS
Band2	1.4	18900	6	#0	16QAM	1.103	1.304	PASS
Band2	3	18900	15	#0	QPSK	2.693	2.942	PASS
Band2	3	18900	15	#0	16QAM	2.690	2.970	PASS
Band2	5	18900	25	#0	QPSK	4.509	4.973	PASS
Band2	5	18900	25	#0	16QAM	4.514	4.911	PASS
Band2	10	18900	50	#0	QPSK	8.969	9.728	PASS
Band2	10	18900	50	#0	16QAM	8.983	9.805	PASS
Band2	15	18900	75	#0	QPSK	13.440	14.663	PASS
Band2	15	18900	75	#0	16QAM	13.477	14.548	PASS
Band2	20	18900	100	#0	QPSK	17.929	19.234	PASS
Band2	20	18900	100	#0	16QAM	17.963	19.255	PASS
Band25	1.4	26365	6	#0	QPSK	1.093	1.272	PASS
Band25	1.4	26365	6	#0	16QAM	1.098	1.290	PASS
Band25	3	26365	15	#0	QPSK	2.697	2.977	PASS
Band25	3	26365	15	#0	16QAM	2.700	2.927	PASS
Band25	5	26365	25	#0	QPSK	4.502	4.926	PASS
Band25	5	26365	25	#0	16QAM	4.503	4.952	PASS
Band25	10	26365	50	#0	QPSK	8.978	9.692	PASS
Band25	10	26365	50	#0	16QAM	8.955	9.636	PASS
Band25	15	26365	75	#0	QPSK	13.451	14.533	PASS

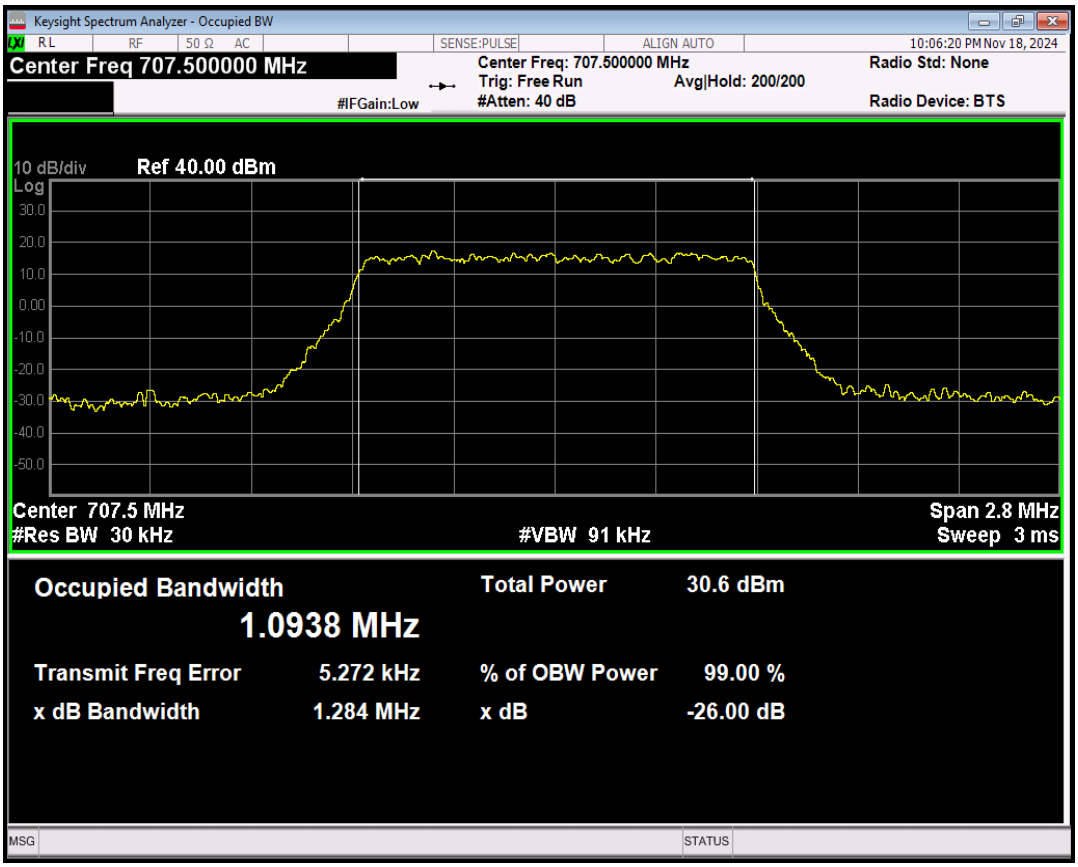
Band25	15	26365	75	#0	16QAM	13.486	14.586	PASS
Band25	20	26365	100	#0	QPSK	17.966	19.282	PASS
Band25	20	26365	100	#0	16QAM	17.988	19.370	PASS
Band38	5	38000	25	#0	QPSK	4.511	5.415	PASS
Band38	5	38000	25	#0	16QAM	4.507	5.054	PASS
Band38	10	38000	50	#0	QPSK	8.989	9.930	PASS
Band38	10	38000	50	#0	16QAM	8.974	9.716	PASS
Band38	15	38000	75	#0	QPSK	13.473	15.263	PASS
Band38	15	38000	75	#0	16QAM	13.442	14.436	PASS
Band38	20	38000	100	#0	QPSK	17.980	19.828	PASS
Band38	20	38000	100	#0	16QAM	17.923	19.546	PASS
Band4	1.4	20175	6	#0	QPSK	1.093	1.273	PASS
Band4	1.4	20175	6	#0	16QAM	1.094	1.291	PASS
Band4	3	20175	15	#0	QPSK	2.699	2.948	PASS
Band4	3	20175	15	#0	16QAM	2.703	2.943	PASS
Band4	5	20175	25	#0	QPSK	4.507	4.940	PASS
Band4	5	20175	25	#0	16QAM	4.488	4.961	PASS
Band4	10	20175	50	#0	QPSK	8.972	9.708	PASS
Band4	10	20175	50	#0	16QAM	8.972	9.655	PASS
Band4	15	20175	75	#0	QPSK	13.449	14.724	PASS
Band4	15	20175	75	#0	16QAM	13.465	14.519	PASS
Band4	20	20175	100	#0	QPSK	17.924	19.315	PASS
Band4	20	20175	100	#0	16QAM	17.963	19.281	PASS
Band41	5	40620	25	#0	QPSK	4.507	4.924	PASS
Band41	5	40620	25	#0	16QAM	4.502	5.142	PASS
Band41	10	40620	50	#0	QPSK	8.982	11.126	PASS
Band41	10	40620	50	#0	16QAM	8.998	10.641	PASS
Band41	15	40620	75	#0	QPSK	13.486	16.135	PASS
Band41	15	40620	75	#0	16QAM	13.428	14.501	PASS
Band41	20	40620	100	#0	QPSK	17.935	21.967	PASS
Band41	20	40620	100	#0	16QAM	17.949	22.788	PASS
Band5	1.4	20525	6	#0	QPSK	1.091	1.300	PASS
Band5	1.4	20525	6	#0	16QAM	1.095	1.284	PASS
Band5	3	20525	15	#0	QPSK	2.701	2.961	PASS
Band5	3	20525	15	#0	16QAM	2.699	2.955	PASS
Band5	5	20525	25	#0	QPSK	4.507	4.917	PASS
Band5	5	20525	25	#0	16QAM	4.501	4.922	PASS
Band5	10	20525	50	#0	QPSK	8.994	9.686	PASS
Band5	10	20525	50	#0	16QAM	8.964	9.733	PASS
Band7	5	21100	25	#0	QPSK	4.499	4.958	PASS
Band7	5	21100	25	#0	16QAM	4.503	4.896	PASS
Band7	10	21100	50	#0	QPSK	8.960	9.750	PASS
Band7	10	21100	50	#0	16QAM	8.978	9.730	PASS
Band7	15	21100	75	#0	QPSK	13.424	14.554	PASS

Band7	15	21100	75	#0	16QAM	13.487	14.596	PASS
Band7	20	21100	100	#0	QPSK	17.895	19.264	PASS
Band7	20	21100	100	#0	16QAM	17.938	19.186	PASS

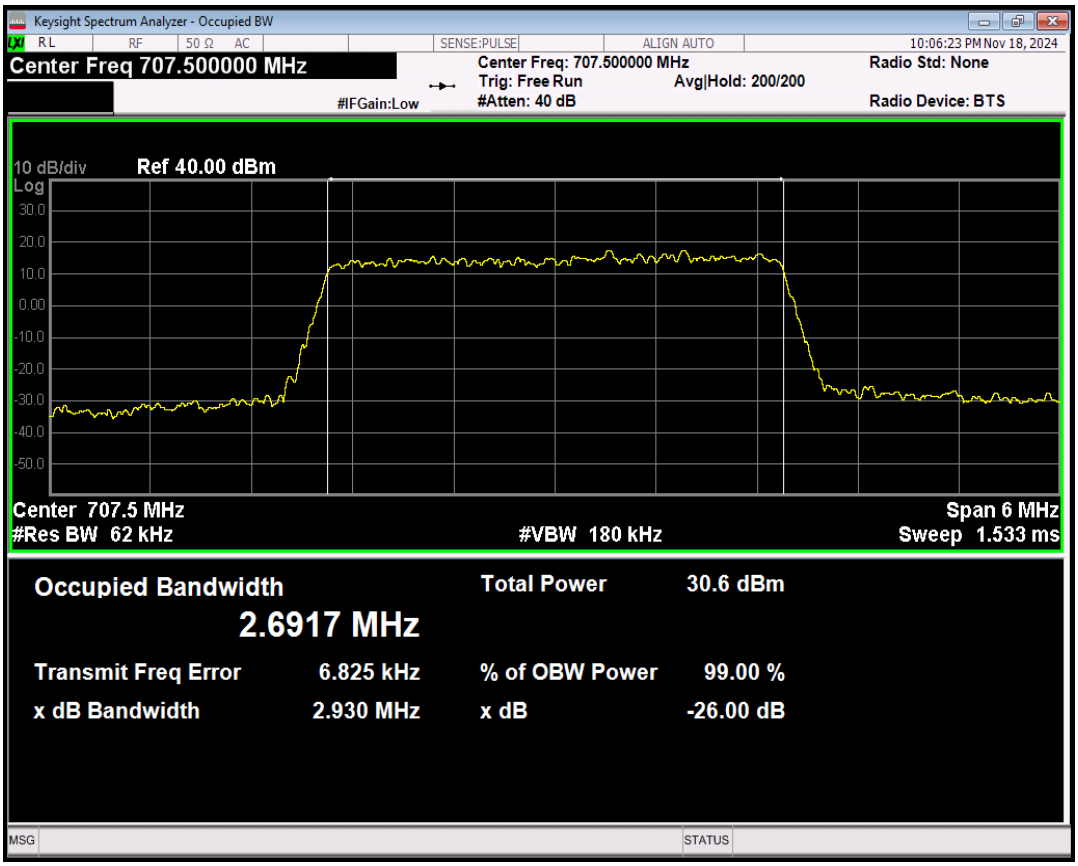
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0



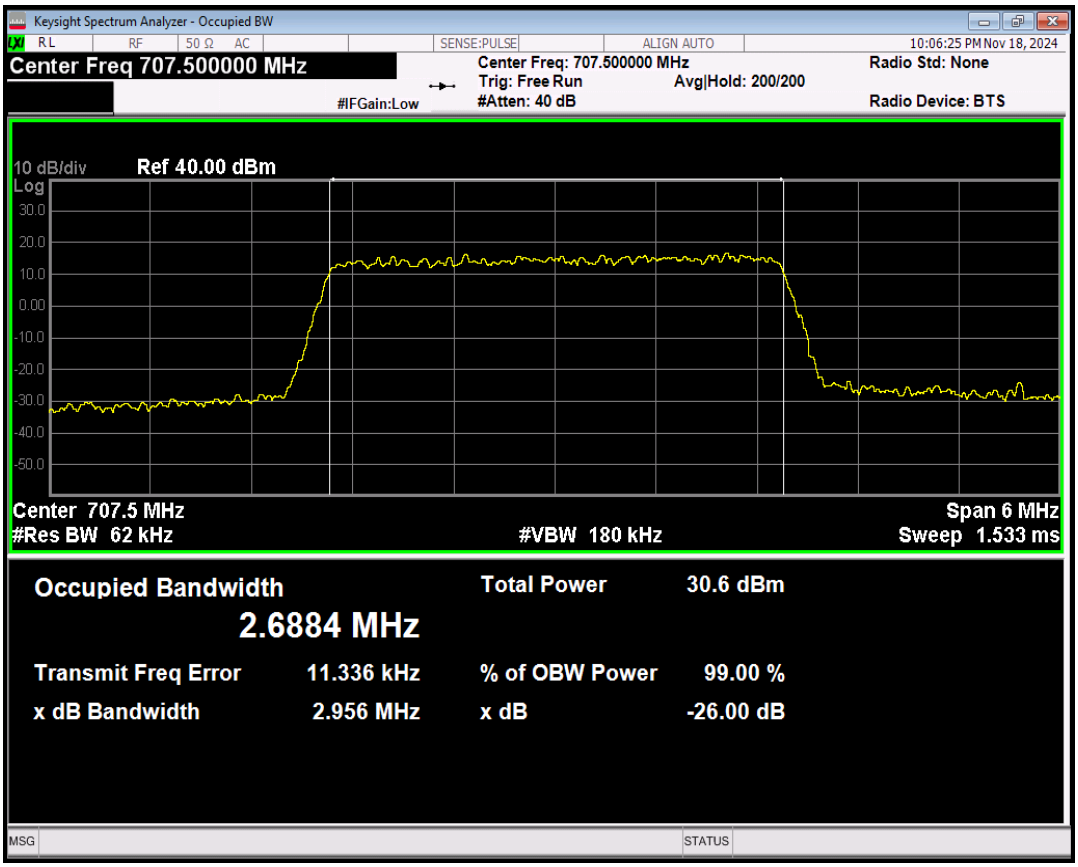
Band12 16QAM BW=1.4MHz Channel=23095 RB Size=6 Position=#0



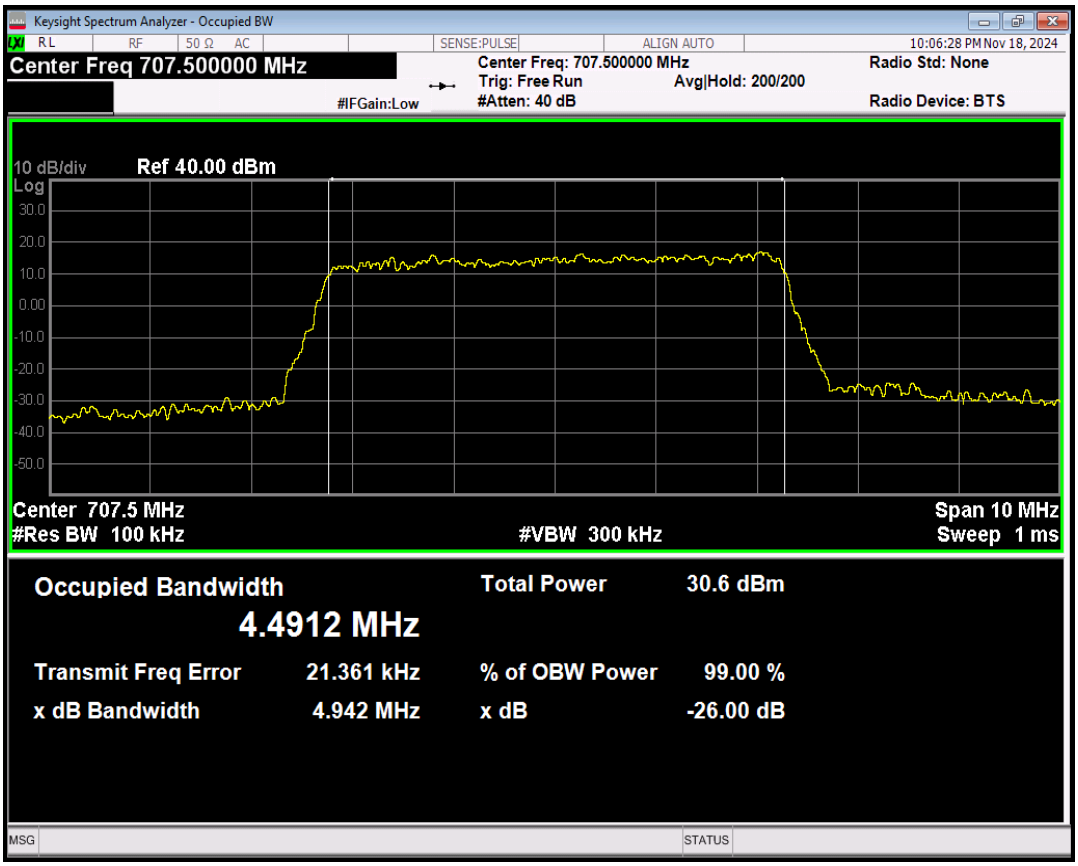
Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0



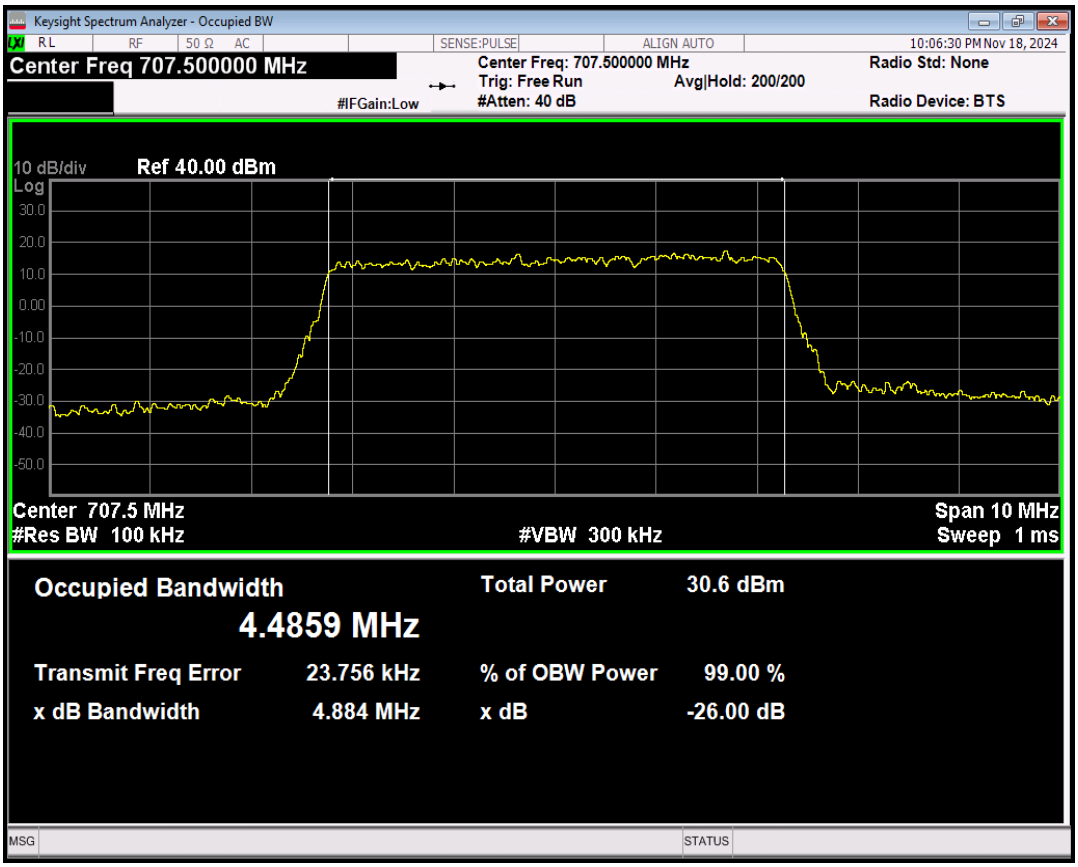
Band12 16QAM BW=3MHz Channel=23095 RB Size=15 Position=#0



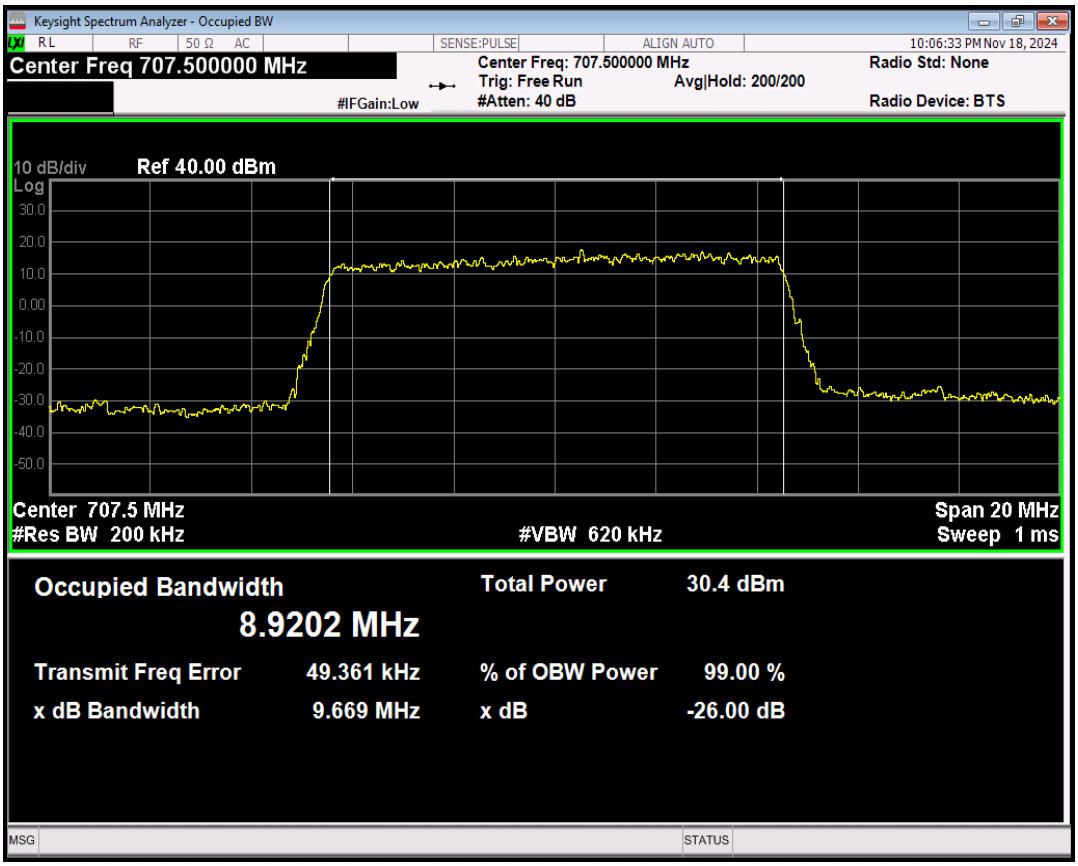
Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0



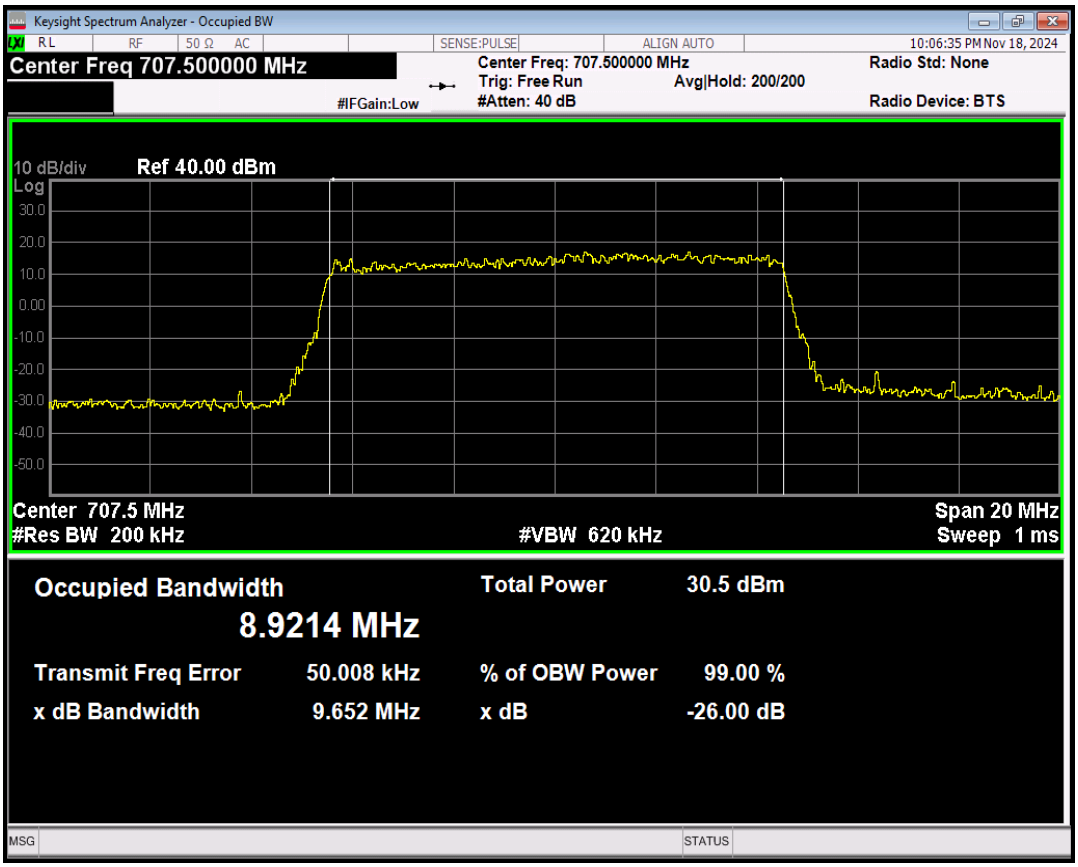
Band12 16QAM BW=5MHz Channel=23095 RB Size=25 Position=#0



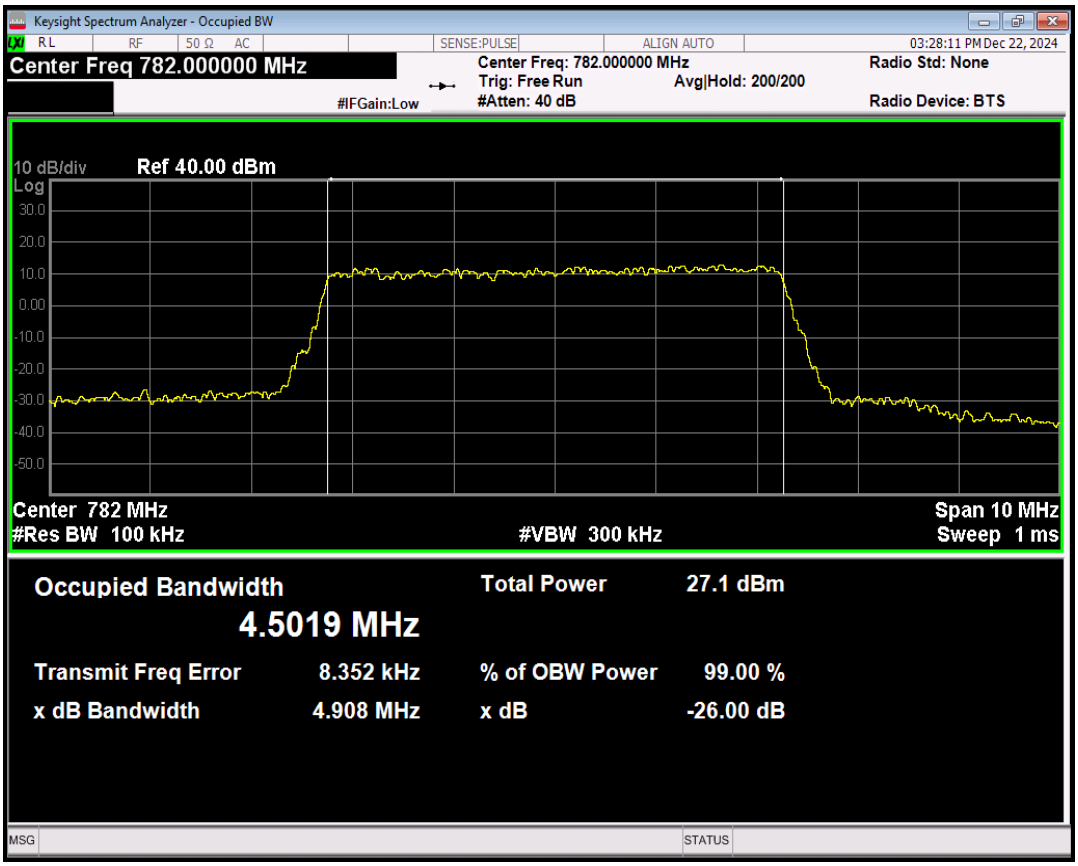
Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0



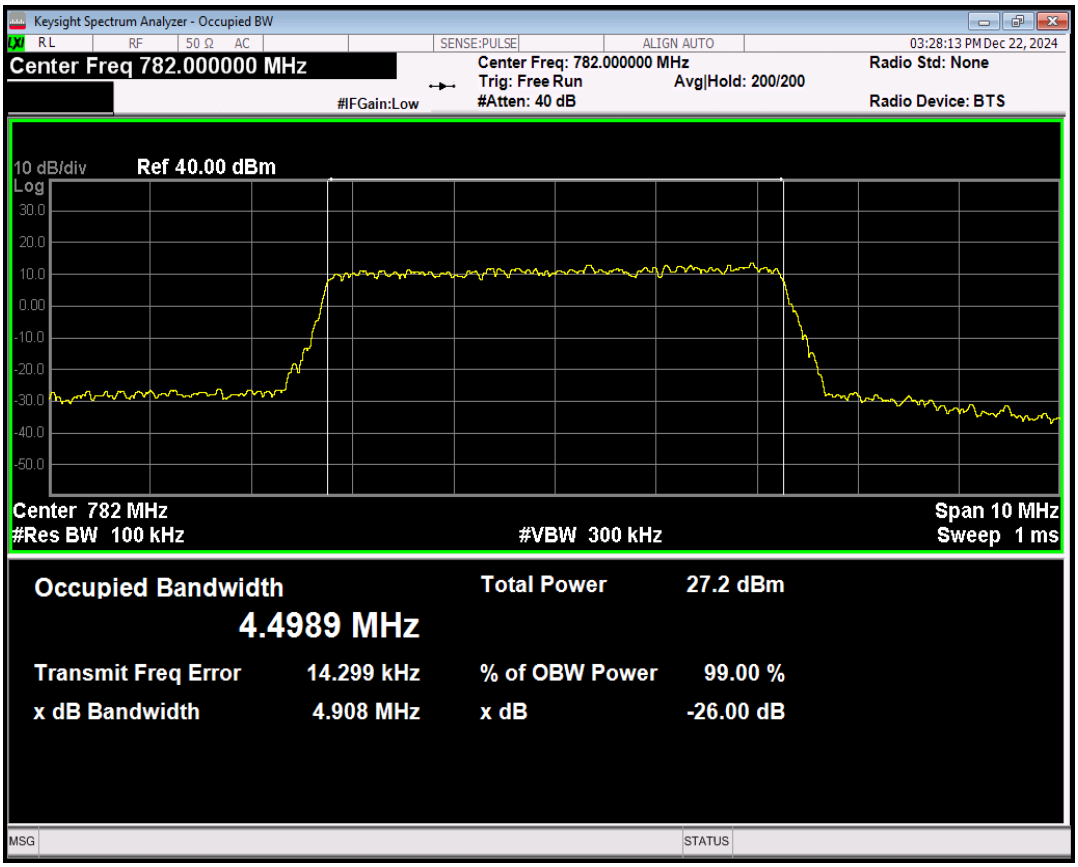
Band12 16QAM BW=10MHz Channel=23095 RB Size=50 Position=#0



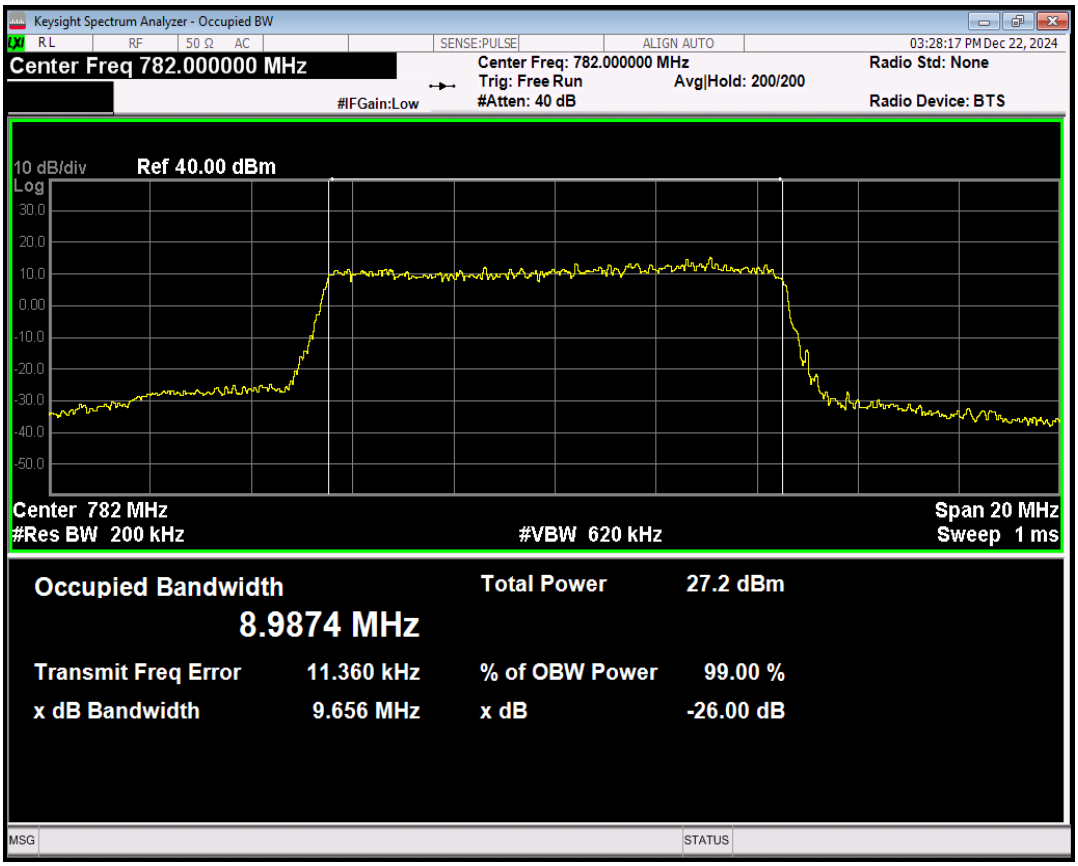
Band13 QPSK BW=5MHz Channel=23230 RB Size=25 Position=#0



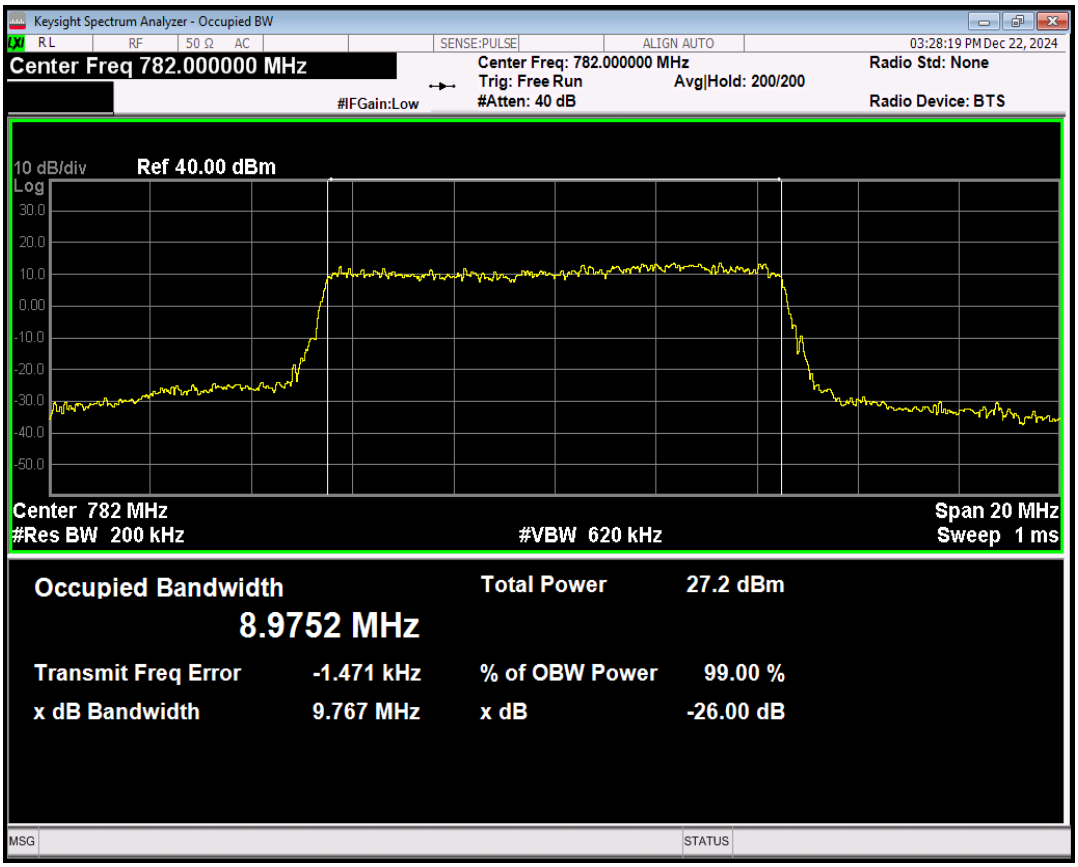
Band13 16QAM BW=5MHz Channel=23230 RB Size=25 Position=#0



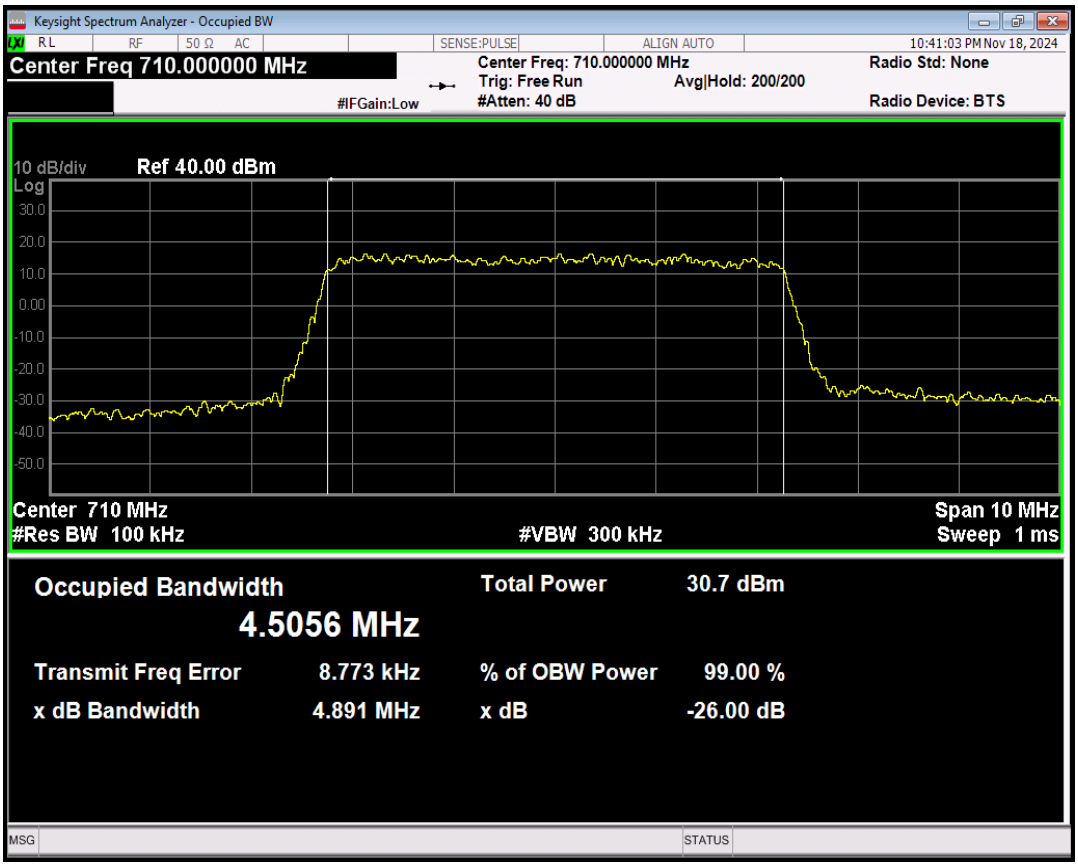
Band13 QPSK BW=10MHz Channel=23230 RB Size=50 Position=#0



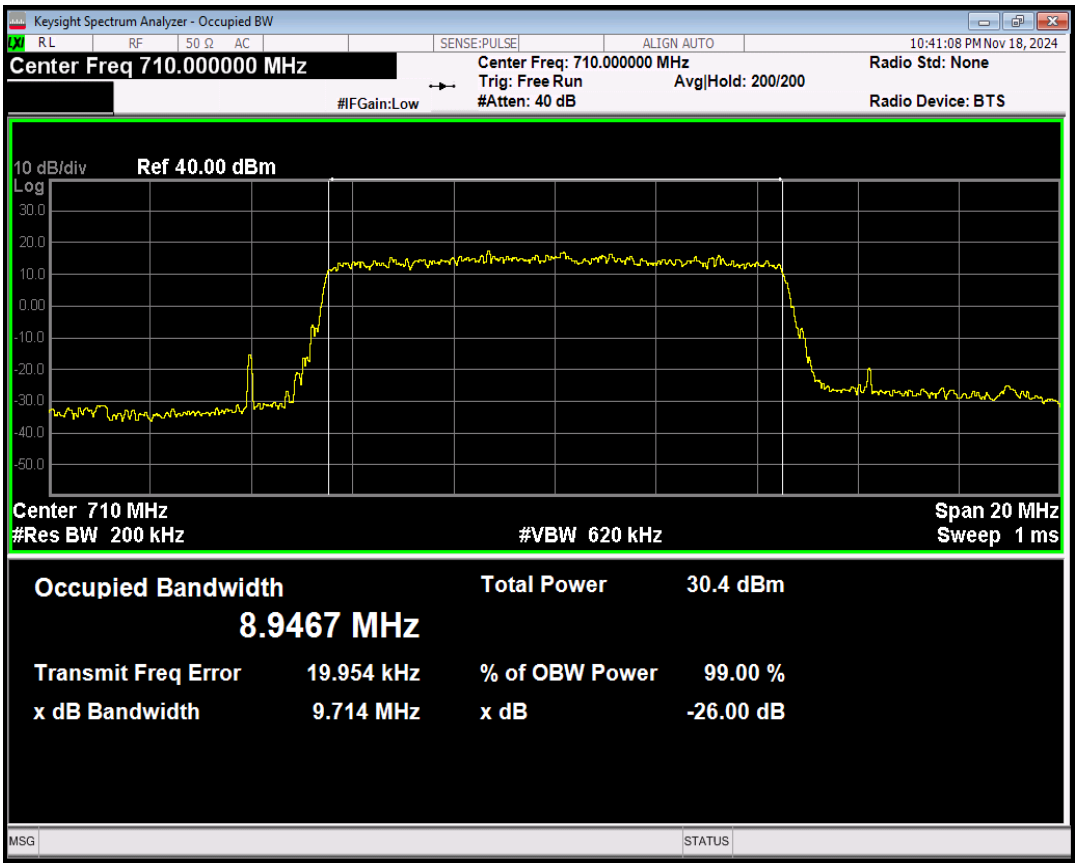
Band13 16QAM BW=10MHz Channel=23230 RB Size=50 Position=#0



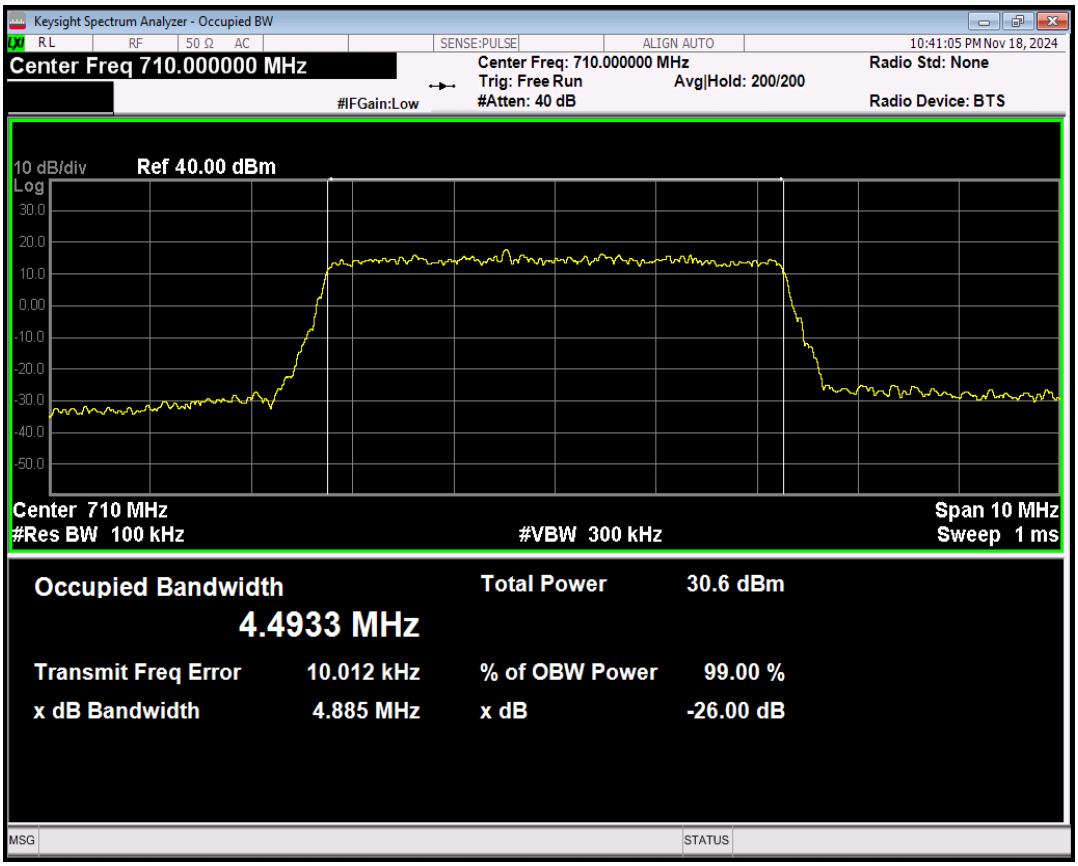
Band17 QPSK BW=5MHz Channel=23790 RB Size=25 Position=#0



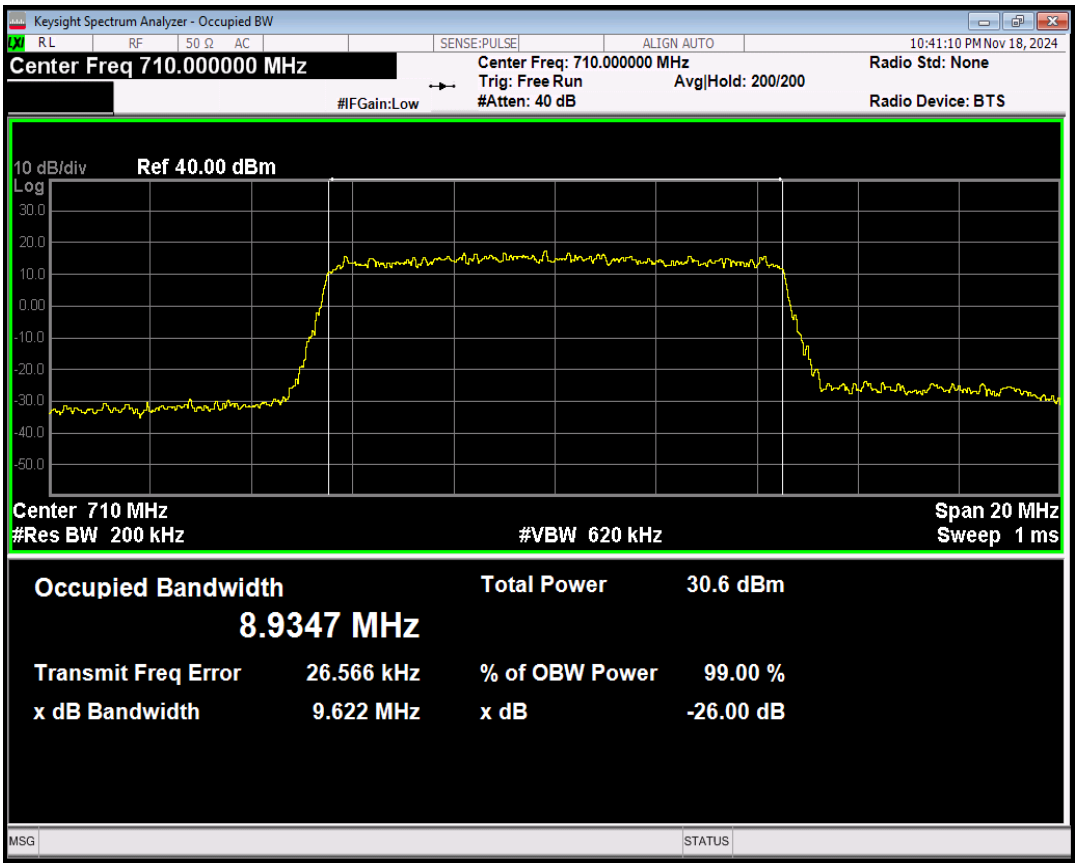
Band17 QPSK BW=10MHz Channel=23790 RB Size=50 Position=#0



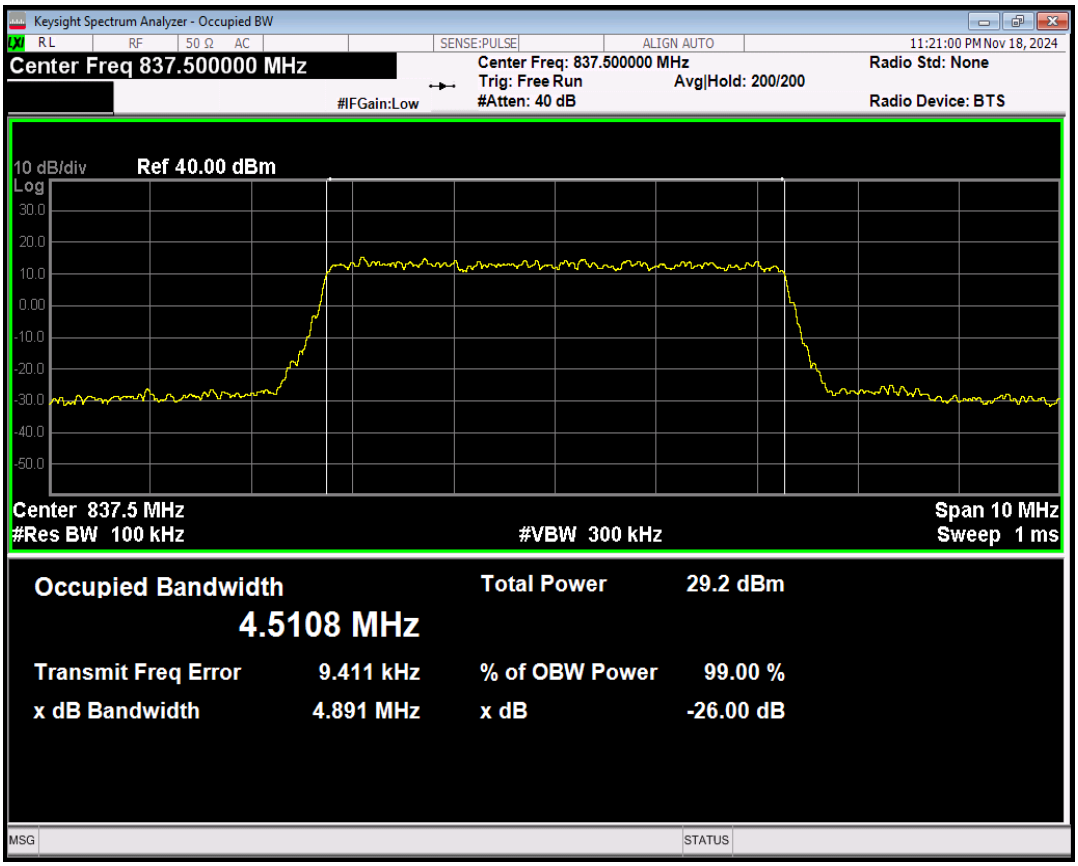
Band17 16QAM BW=5MHz Channel=23790 RB Size=25 Position=#0



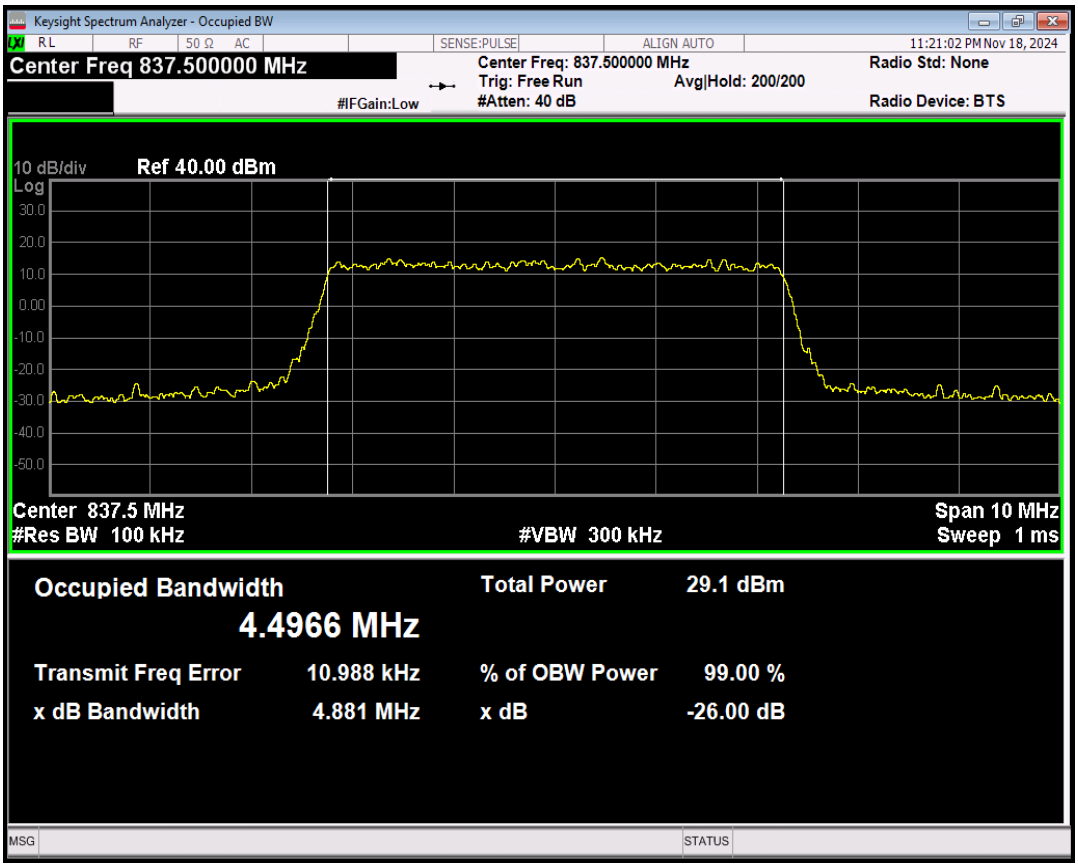
Band17 16QAM BW=10MHz Channel=23790 RB Size=50 Position=#0



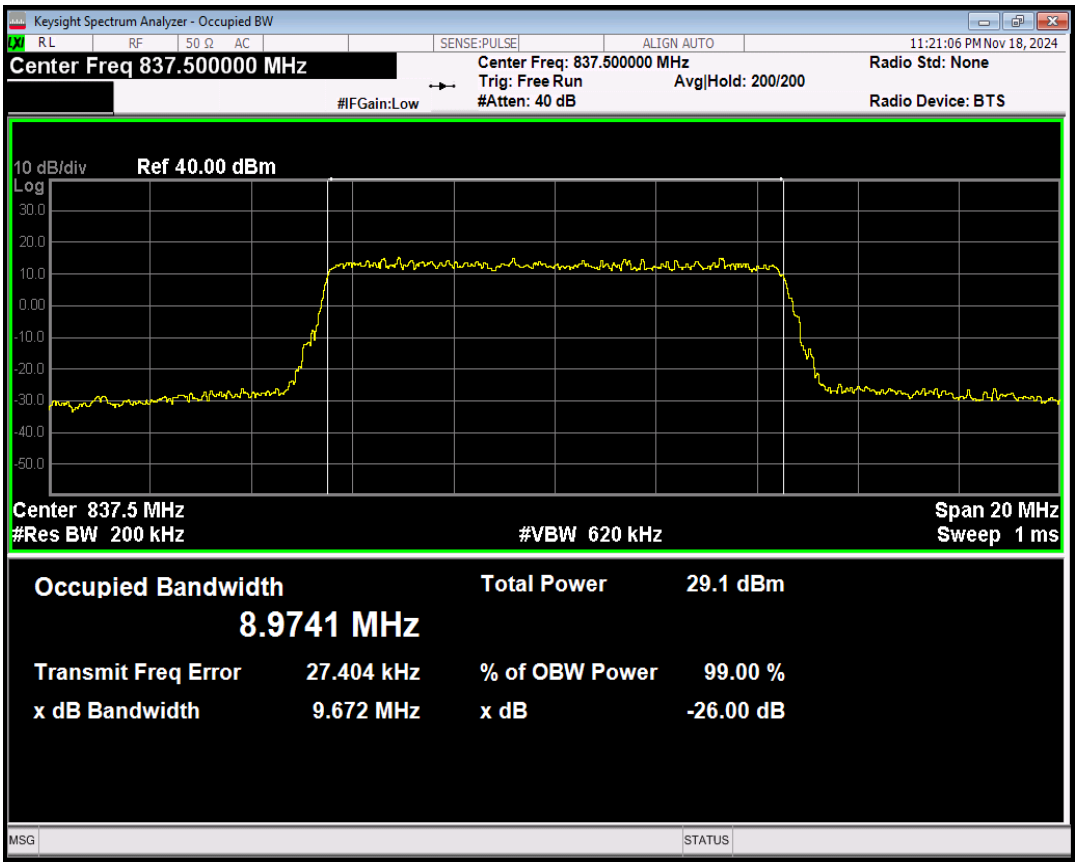
Band19 QPSK BW=5MHz Channel=24075 RB Size=25 Position=#0



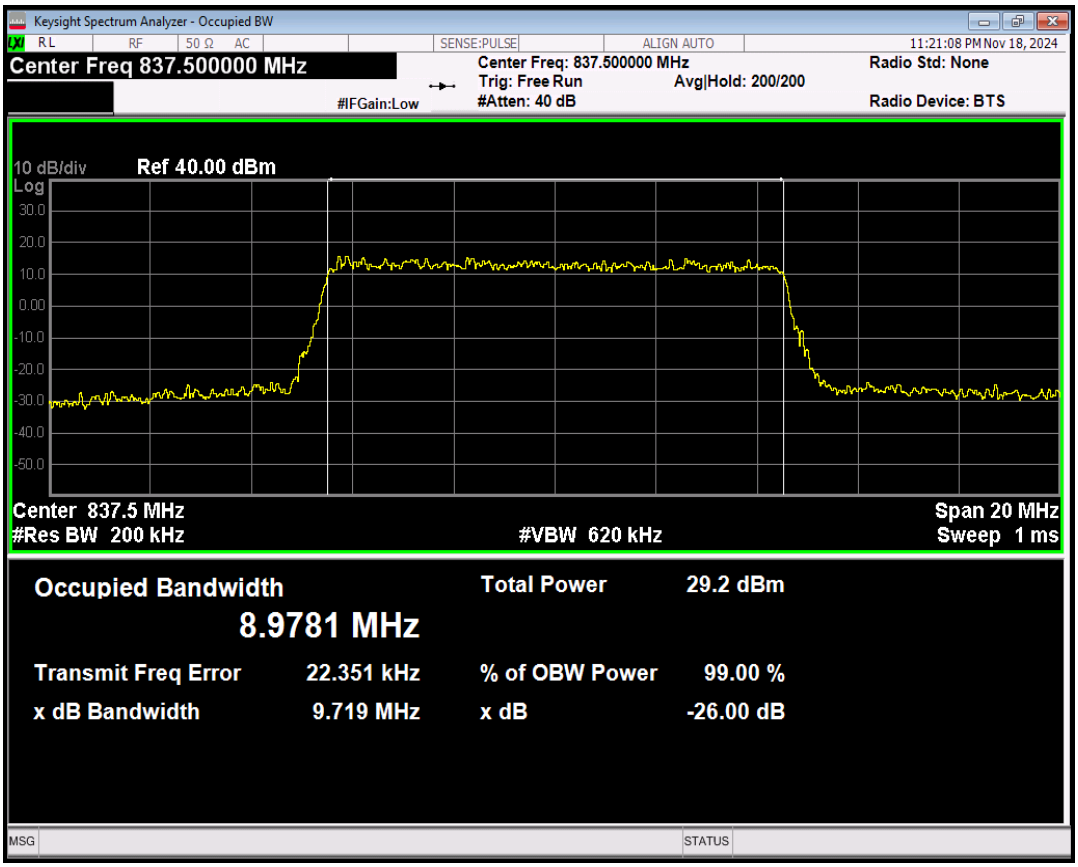
Band19 16QAM BW=5MHz Channel=24075 RB Size=25 Position=#0



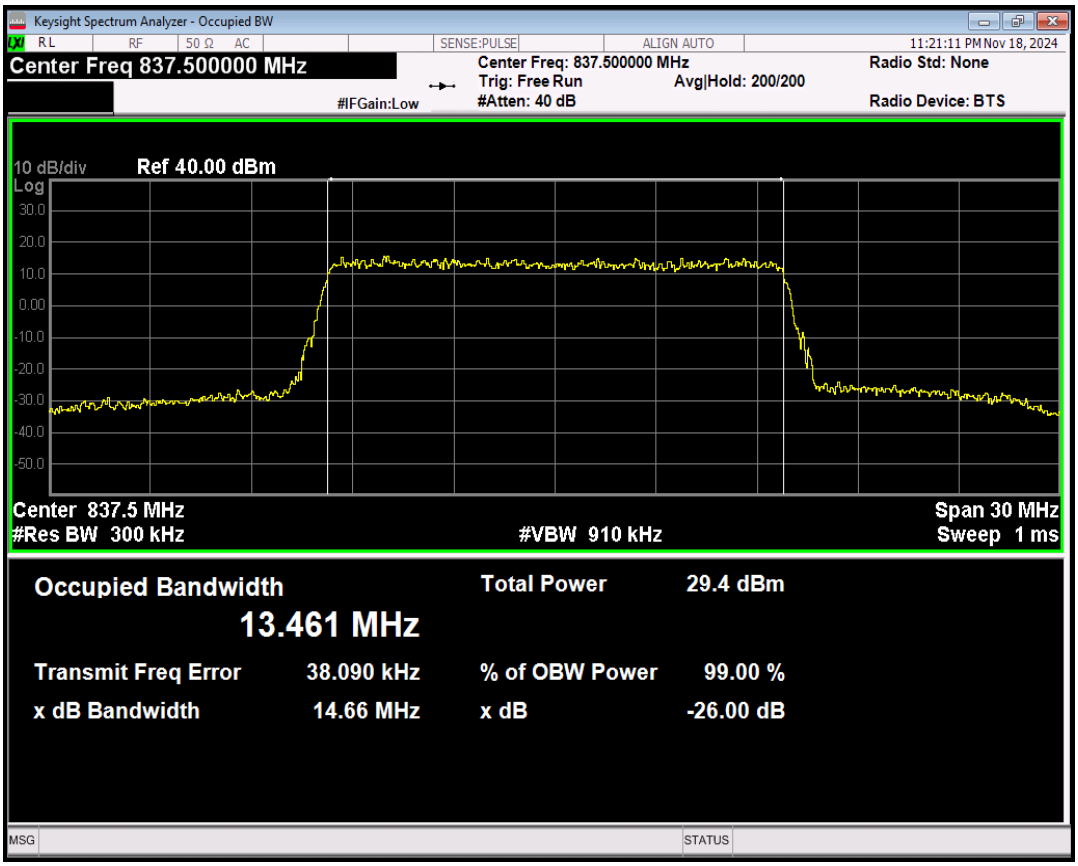
Band19 QPSK BW=10MHz Channel=24075 RB Size=50 Position=#0



Band19 16QAM BW=10MHz Channel=24075 RB Size=50 Position=#0



Band19 QPSK BW=15MHz Channel=24075 RB Size=75 Position=#0



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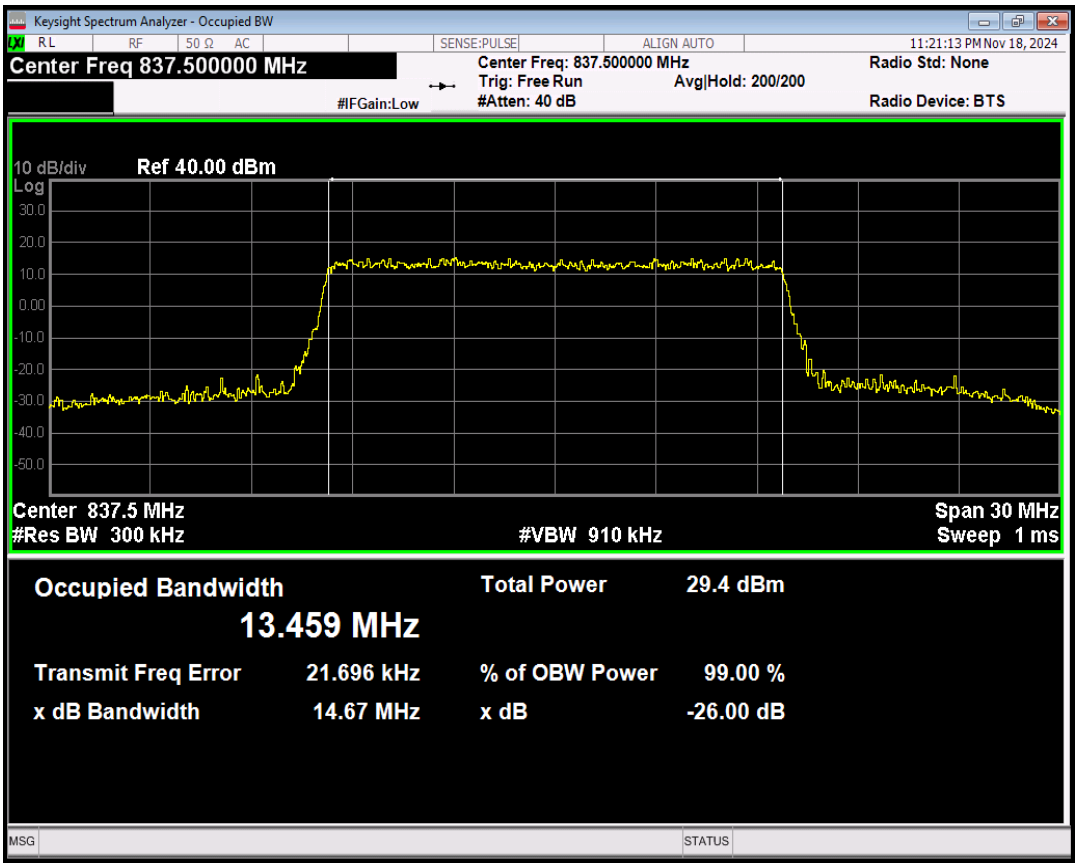
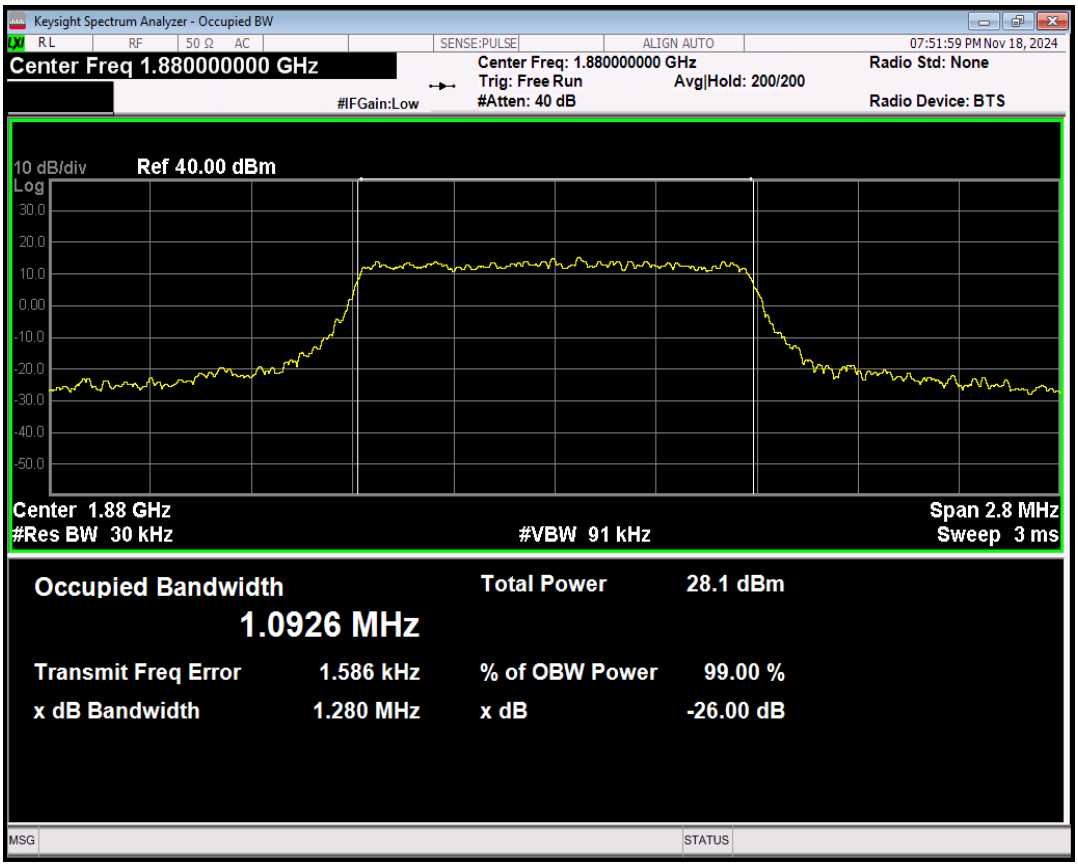
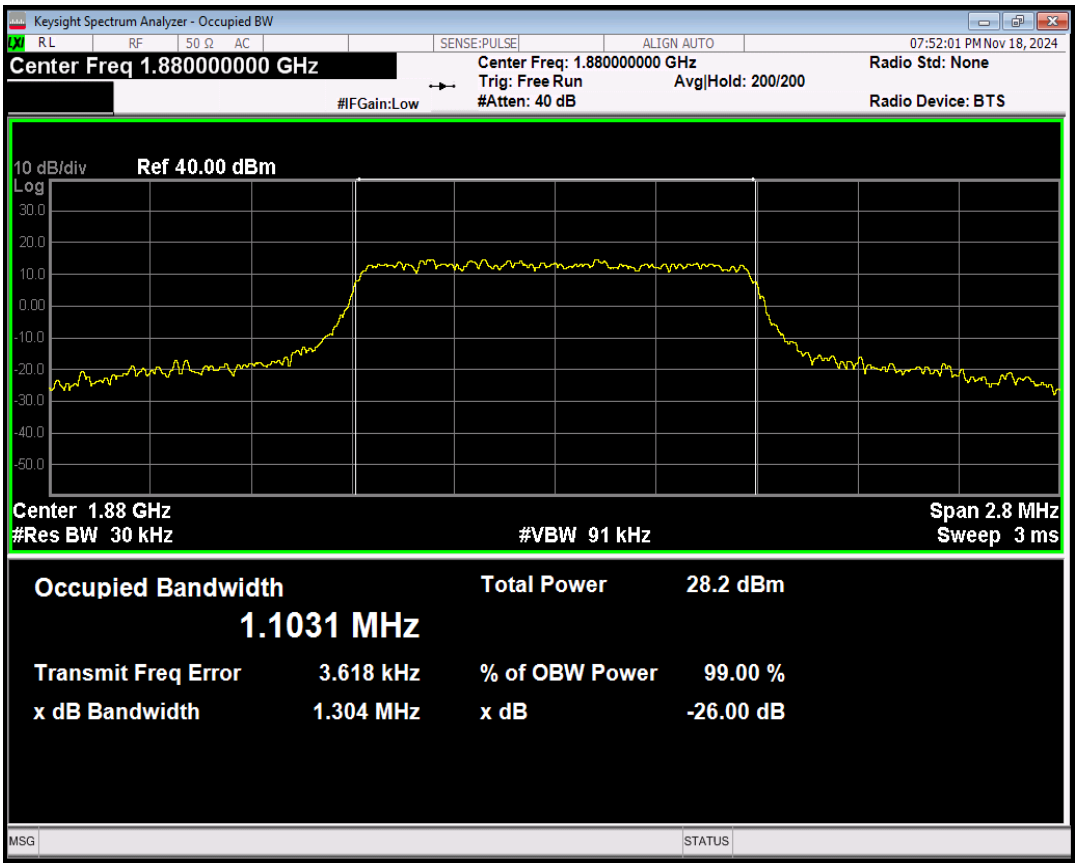


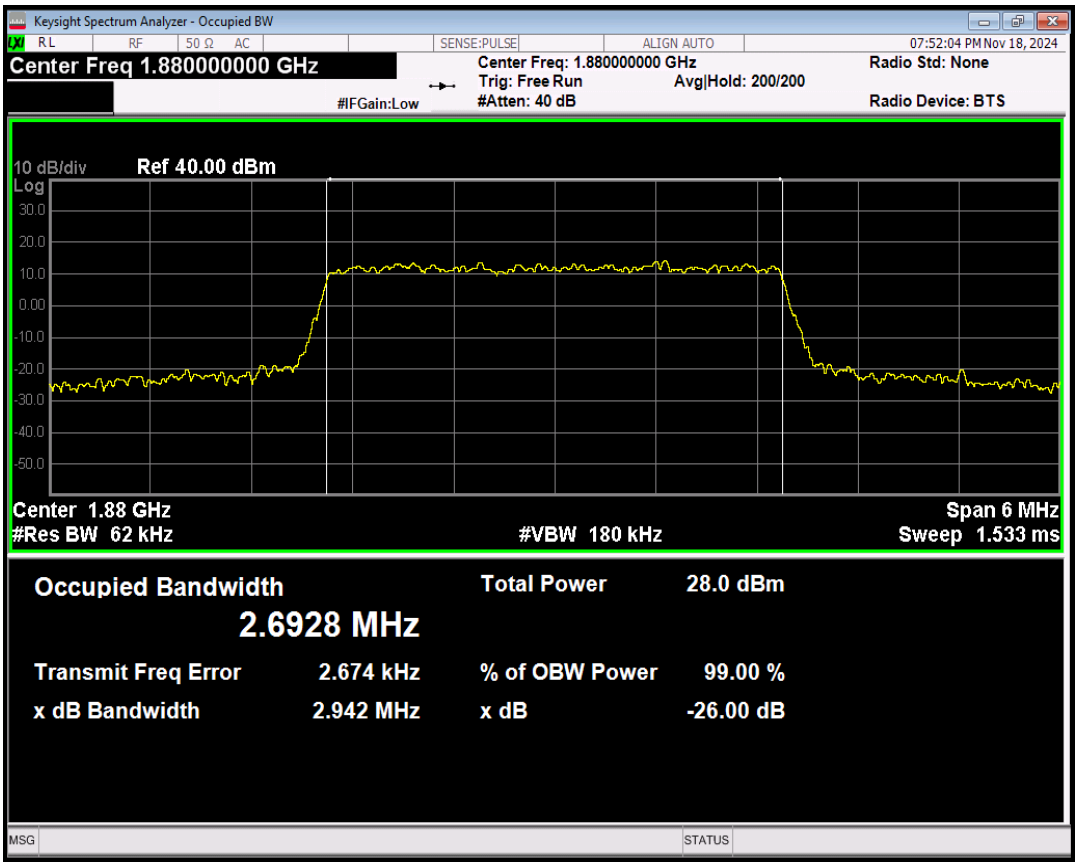
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0



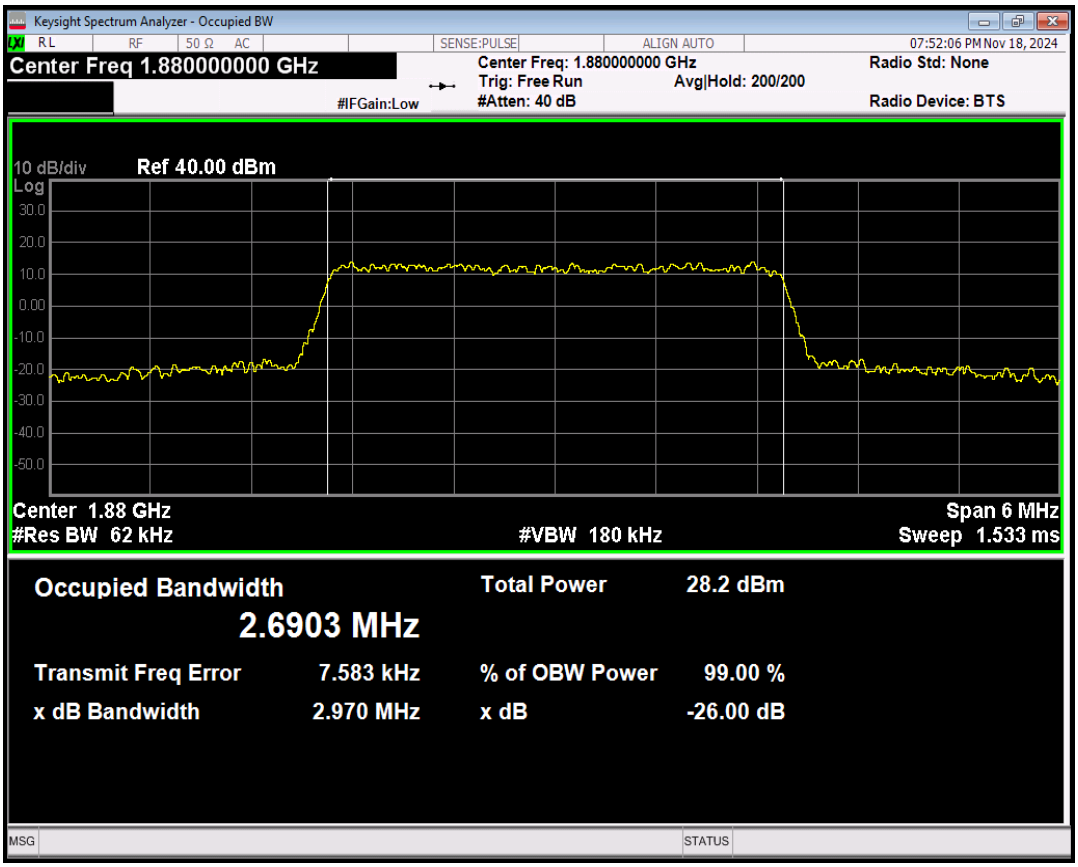
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=6 Position=#0



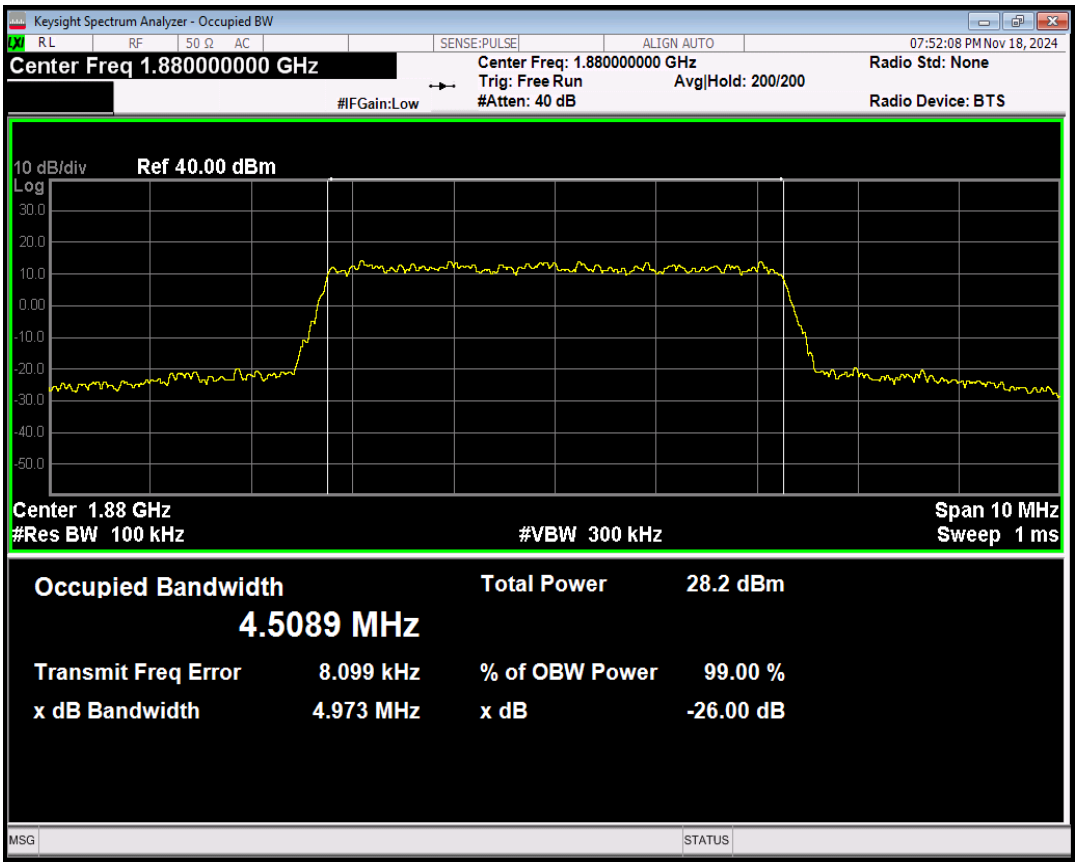
Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0



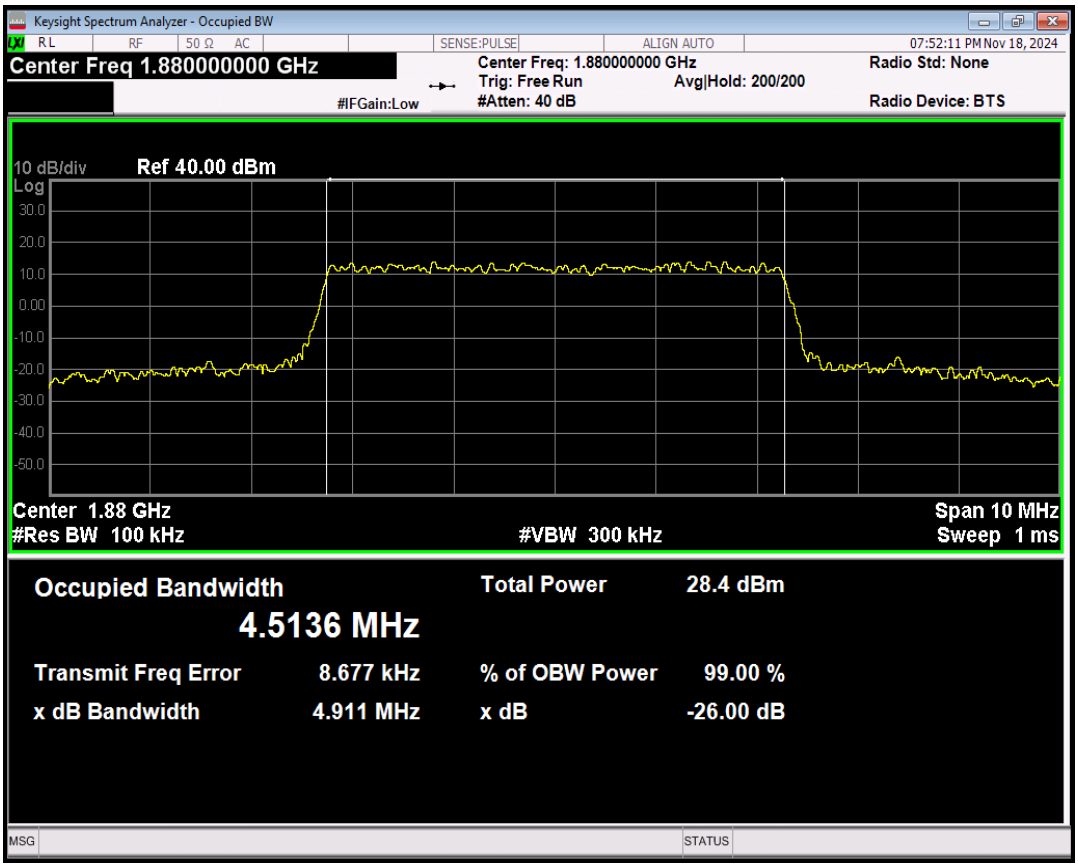
Band2 16QAM BW=3MHz Channel=18900 RB Size=15 Position=#0



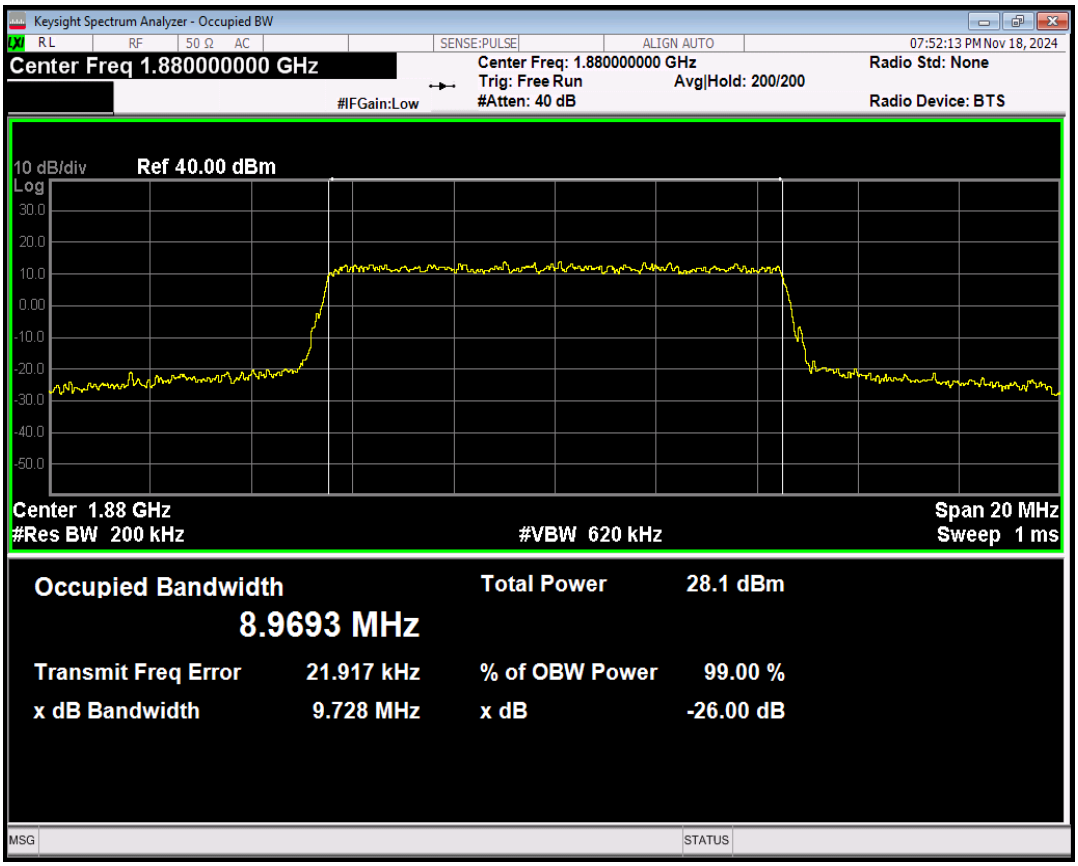
Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0



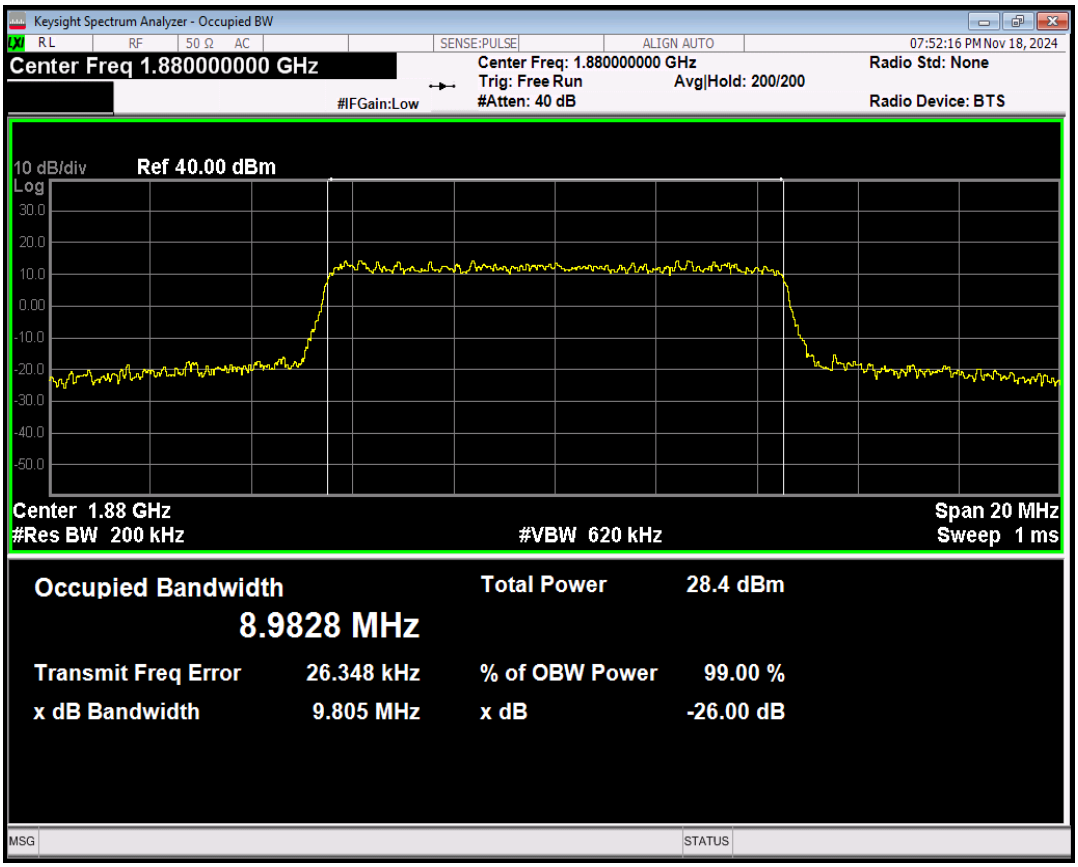
Band2 16QAM BW=5MHz Channel=18900 RB Size=25 Position=#0



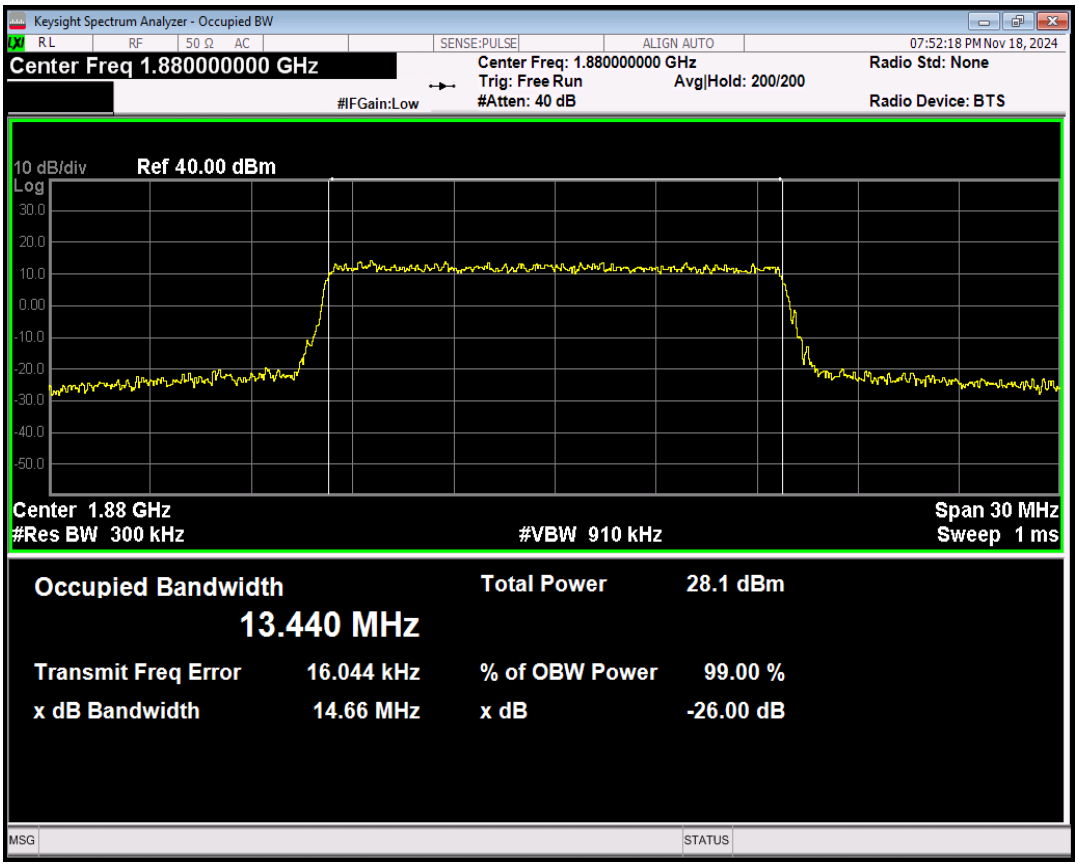
Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0



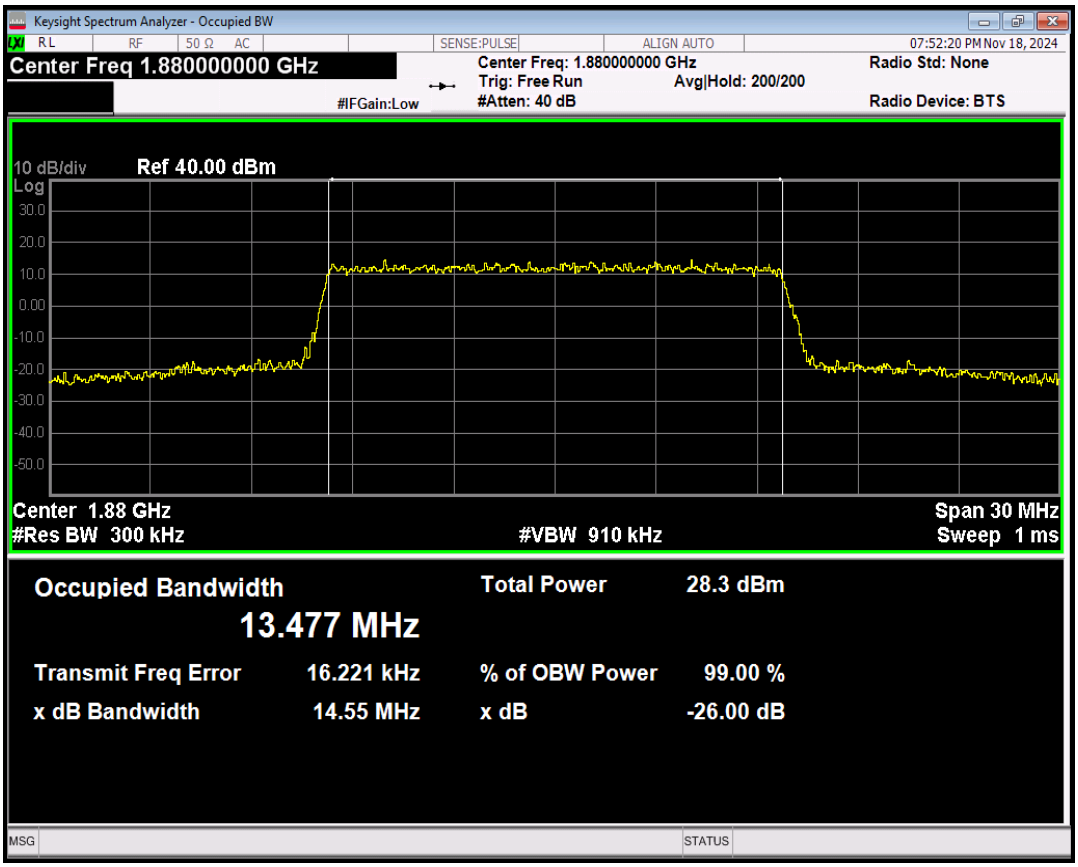
Band2 16QAM BW=10MHz Channel=18900 RB Size=50 Position=#0



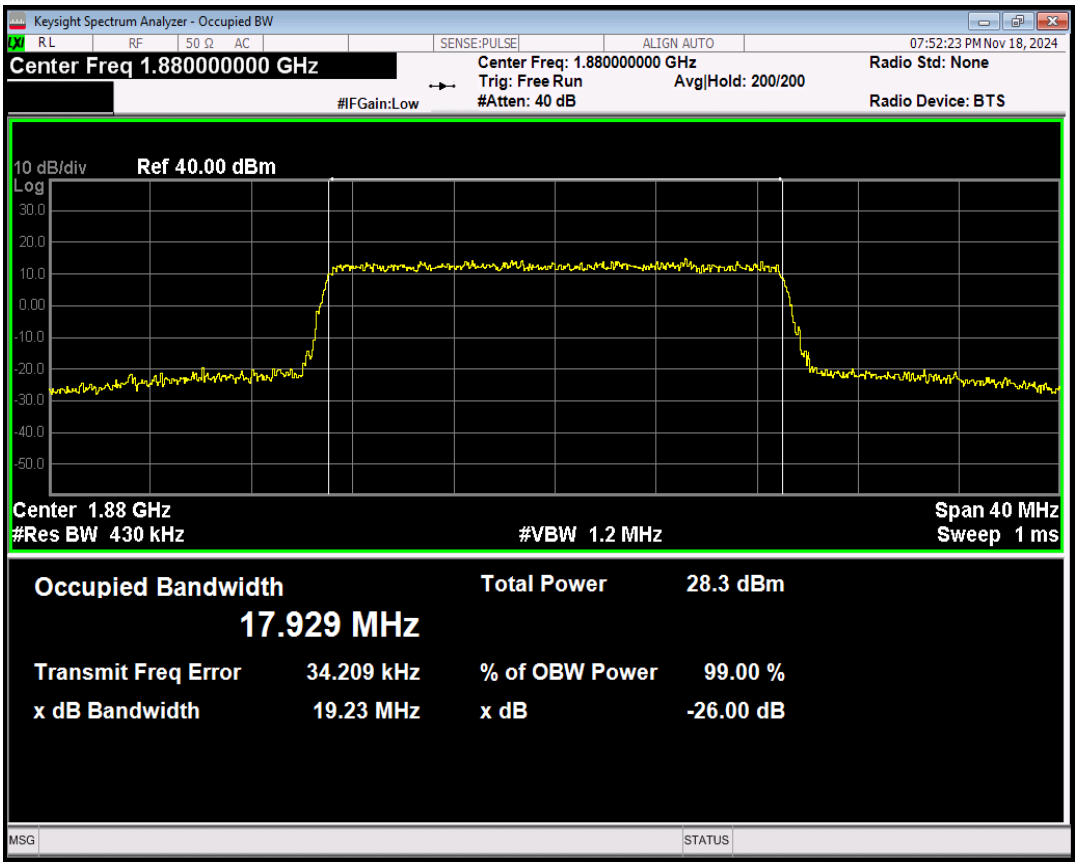
Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0



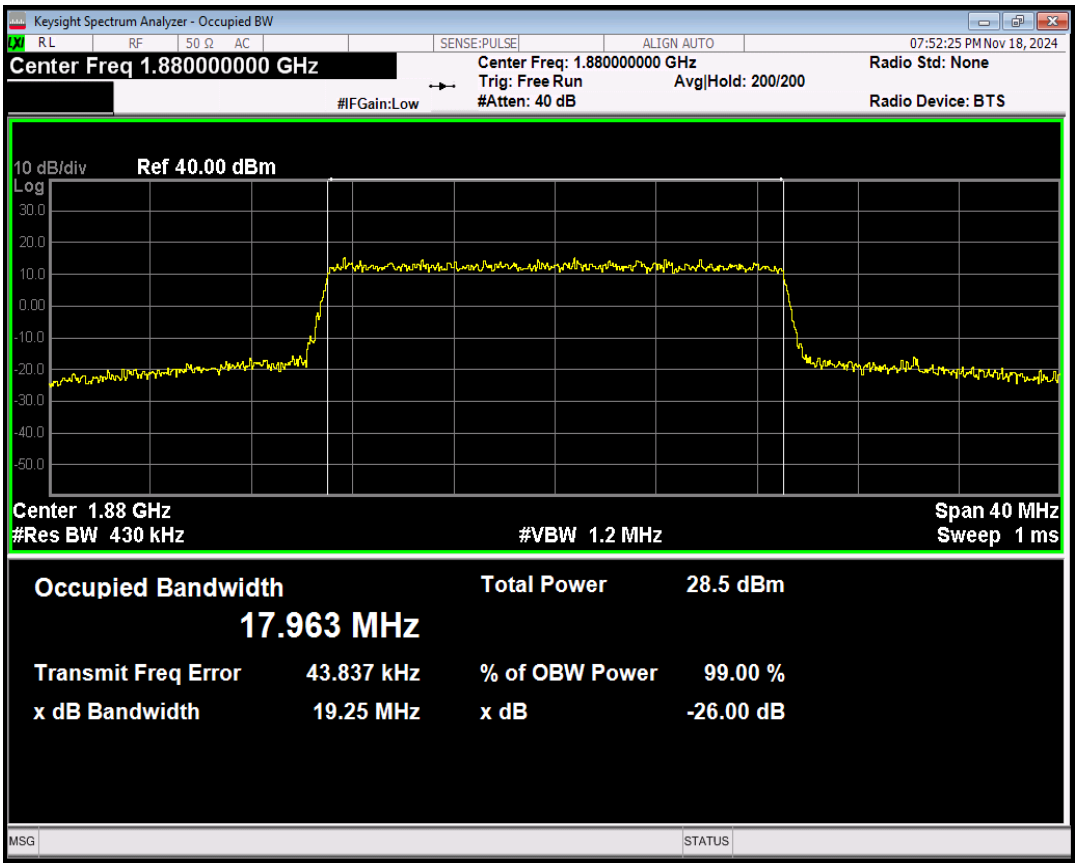
Band2 16QAM BW=15MHz Channel=18900 RB Size=75 Position=#0



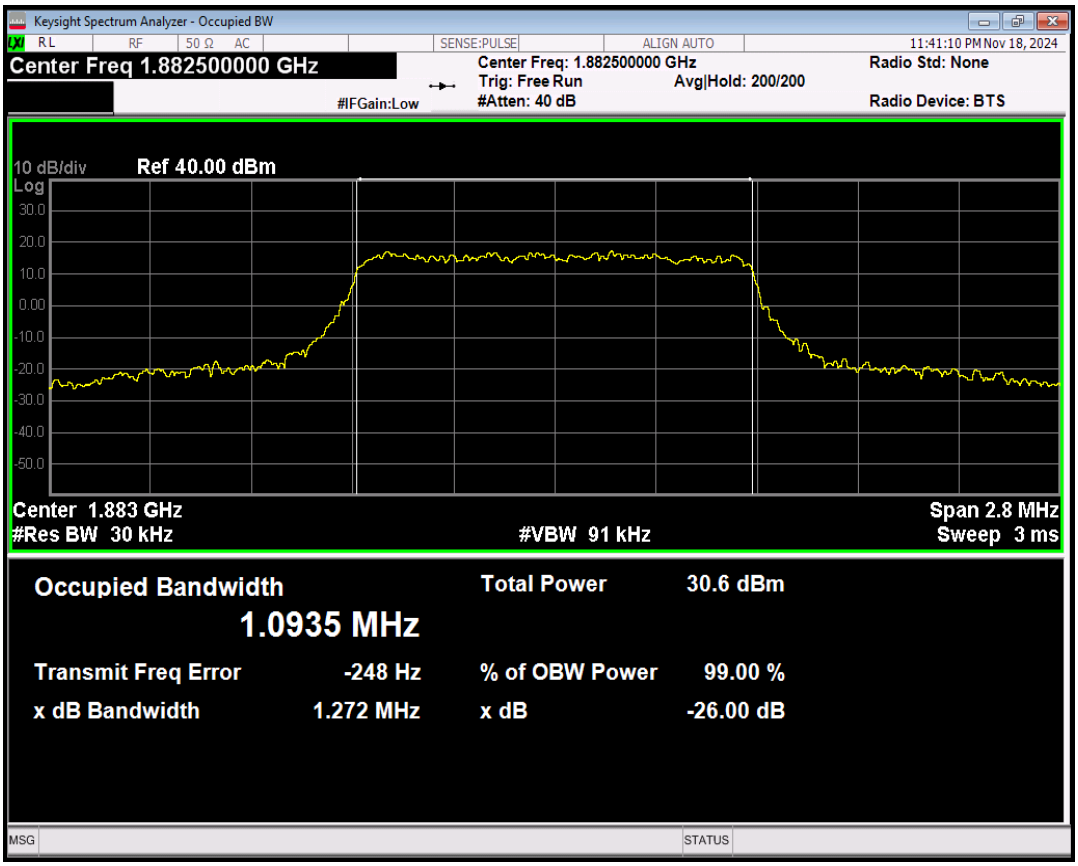
Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0



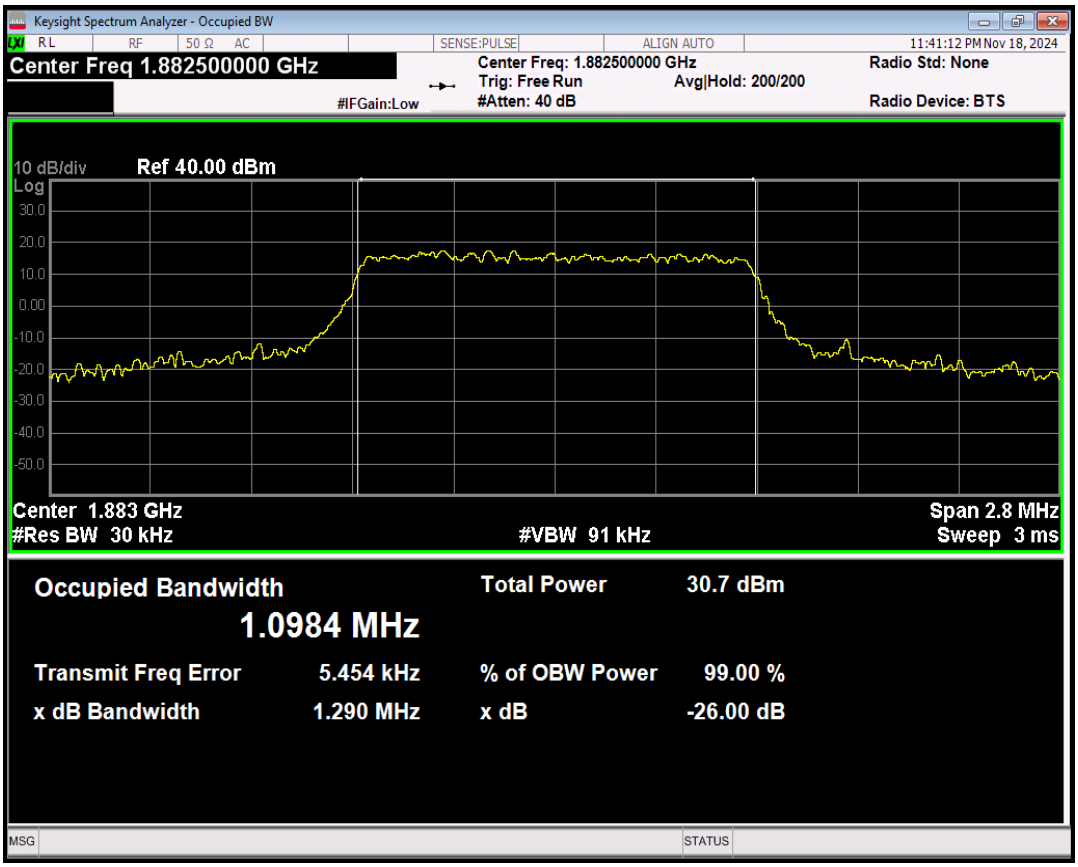
Band2 16QAM BW=20MHz Channel=18900 RB Size=100 Position=#0



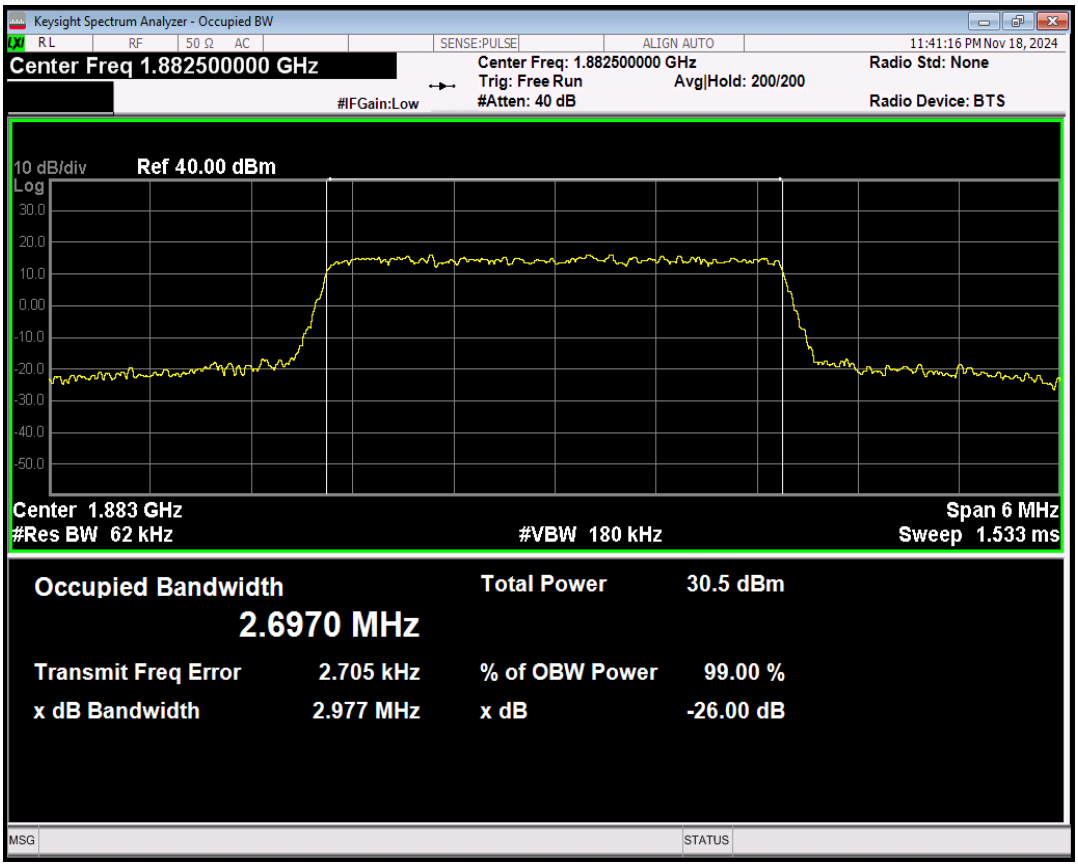
Band25 QPSK BW=1.4MHz Channel=26365 RB Size=6 Position=#0



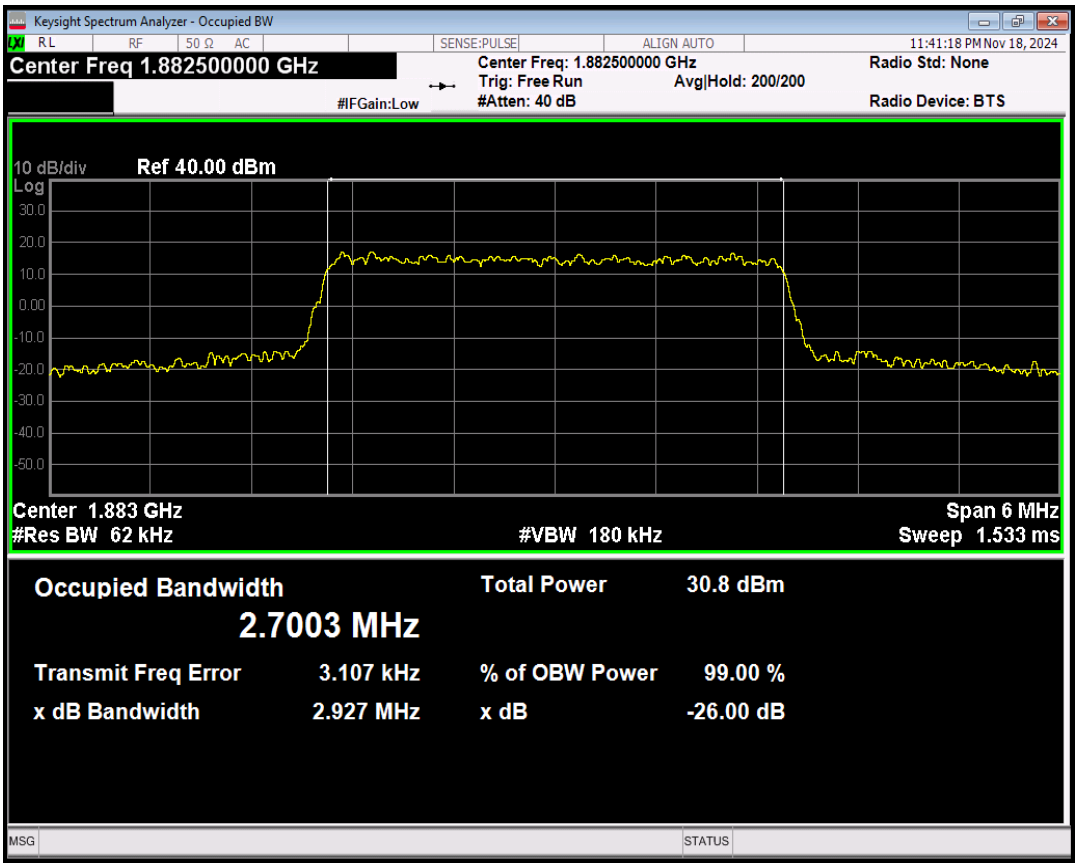
Band25 16QAM BW=1.4MHz Channel=26365 RB Size=6 Position=#0



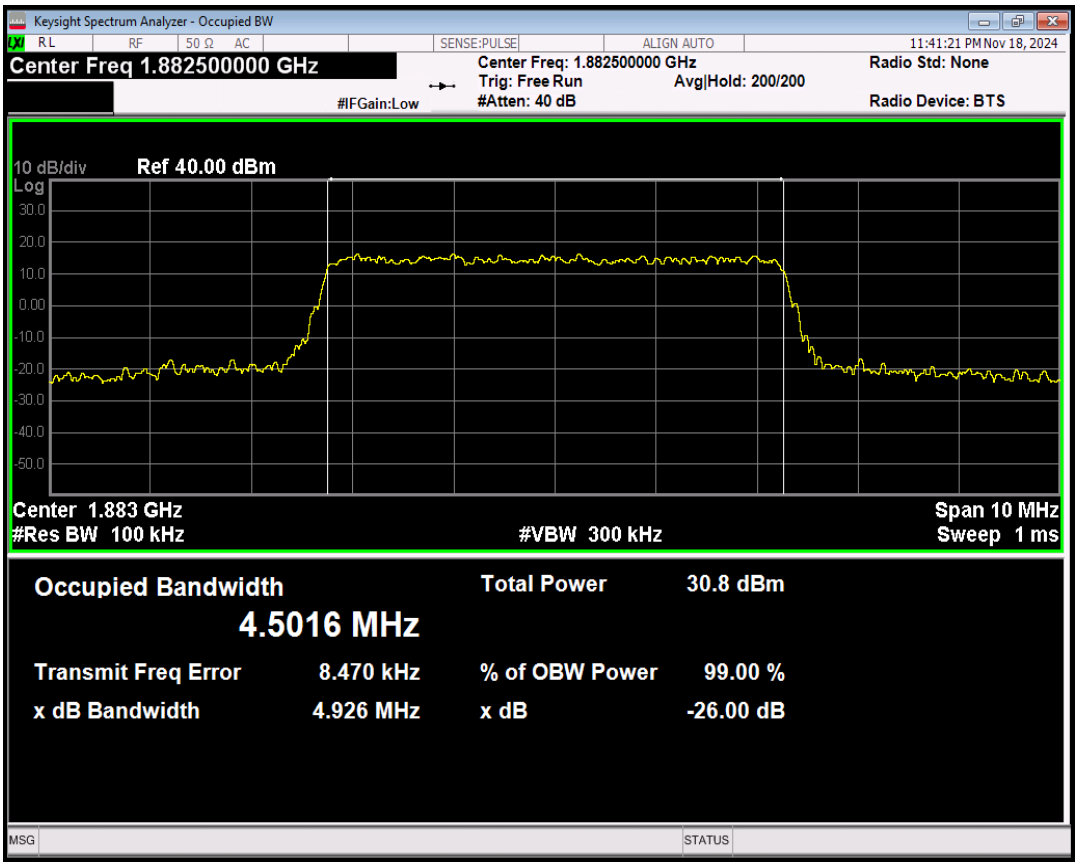
Band25 QPSK BW=3MHz Channel=26365 RB Size=15 Position=#0



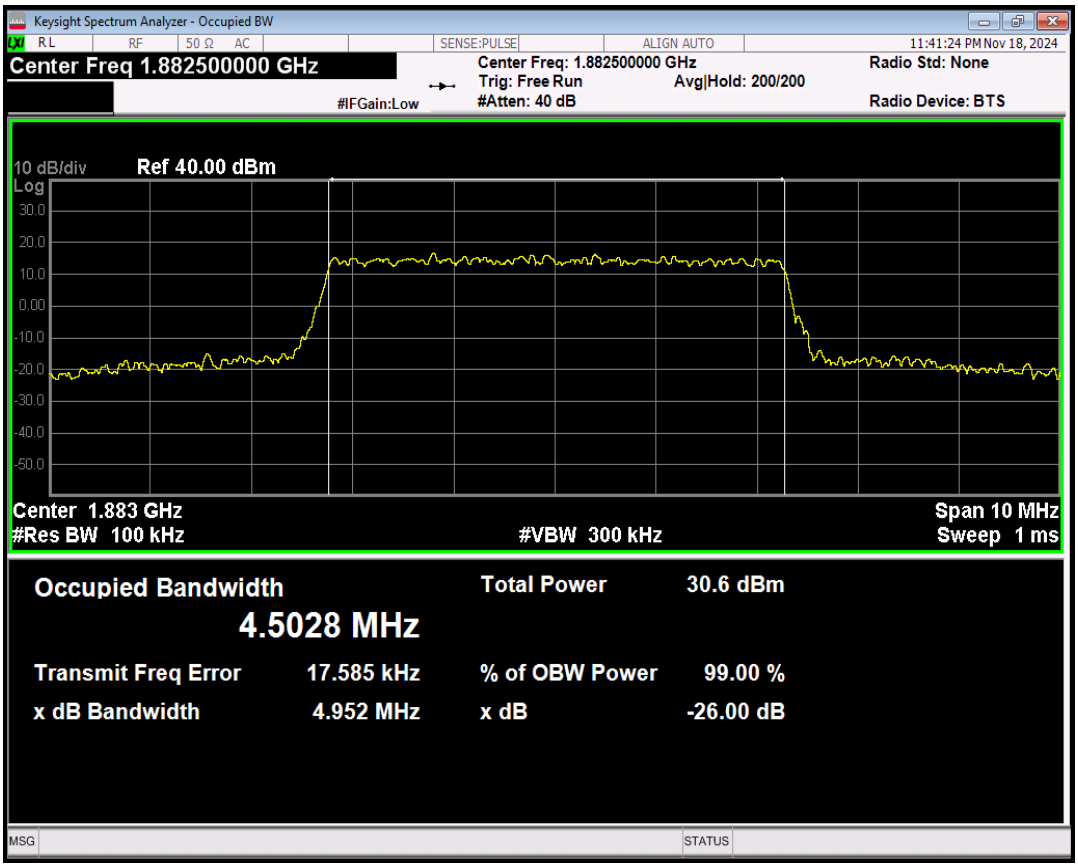
Band25 16QAM BW=3MHz Channel=26365 RB Size=15 Position=#0



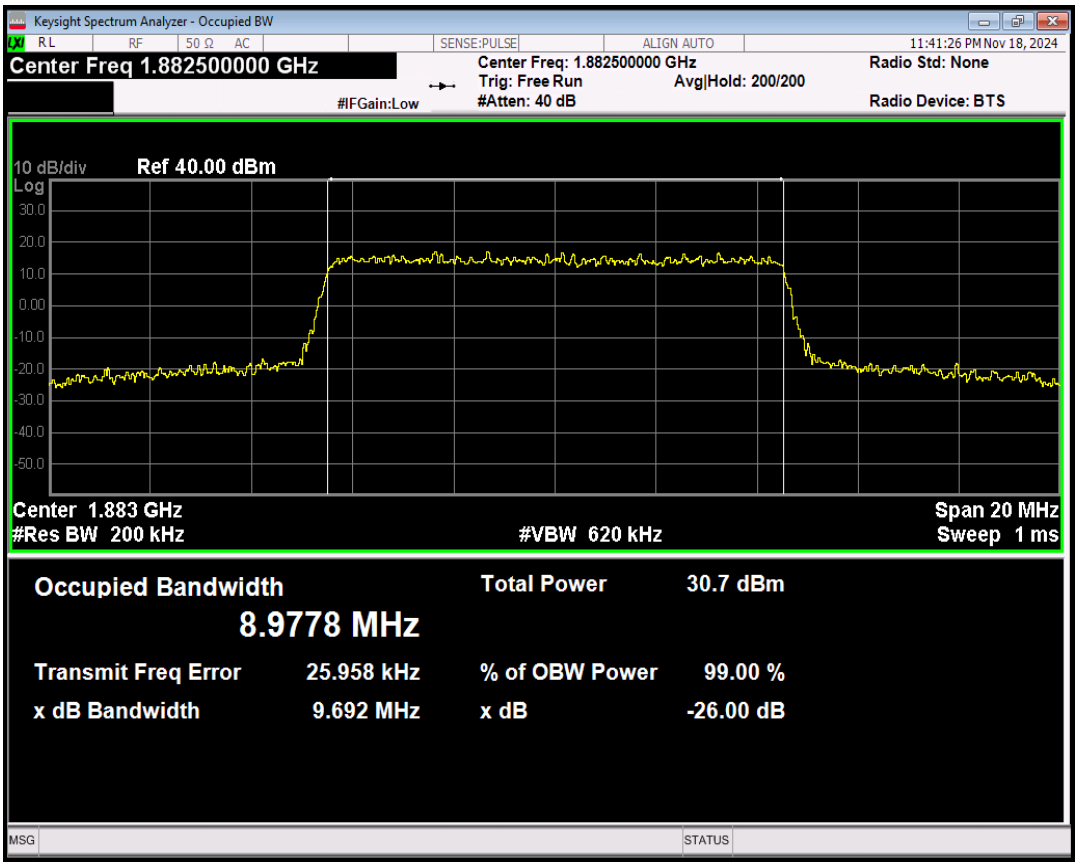
Band25 QPSK BW=5MHz Channel=26365 RB Size=25 Position=#0



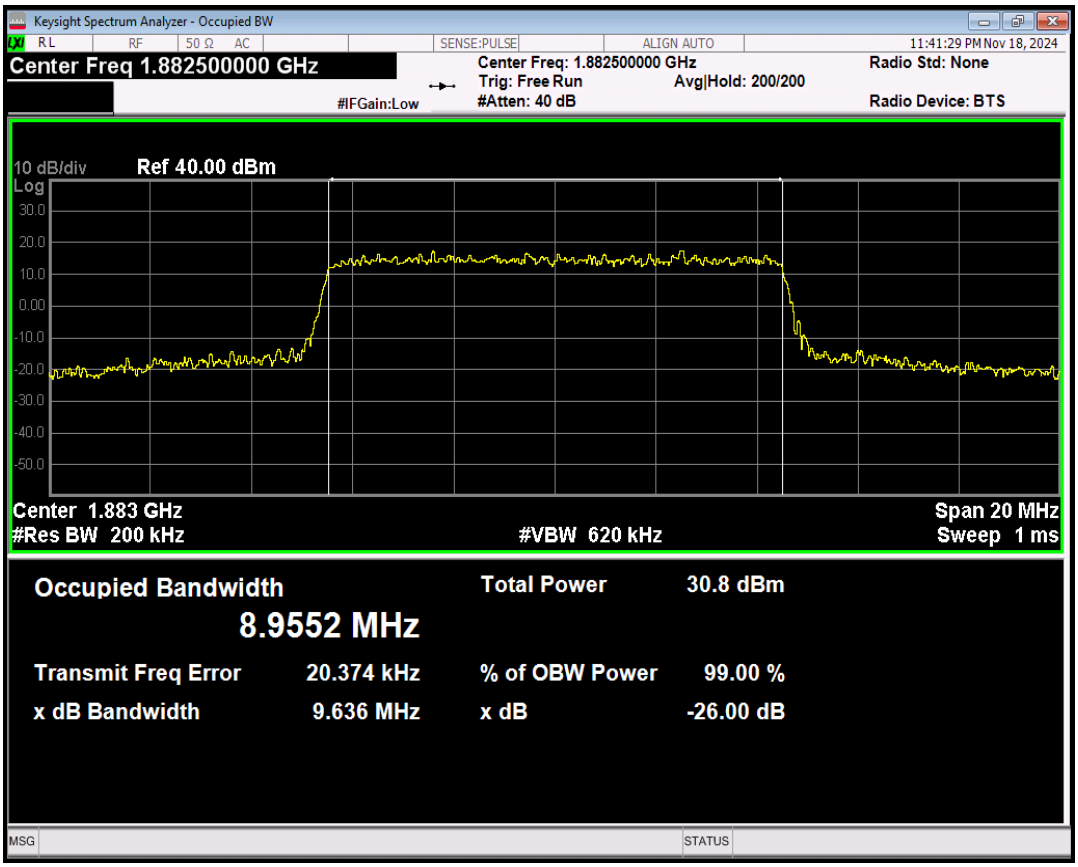
Band25 16QAM BW=5MHz Channel=26365 RB Size=25 Position=#0



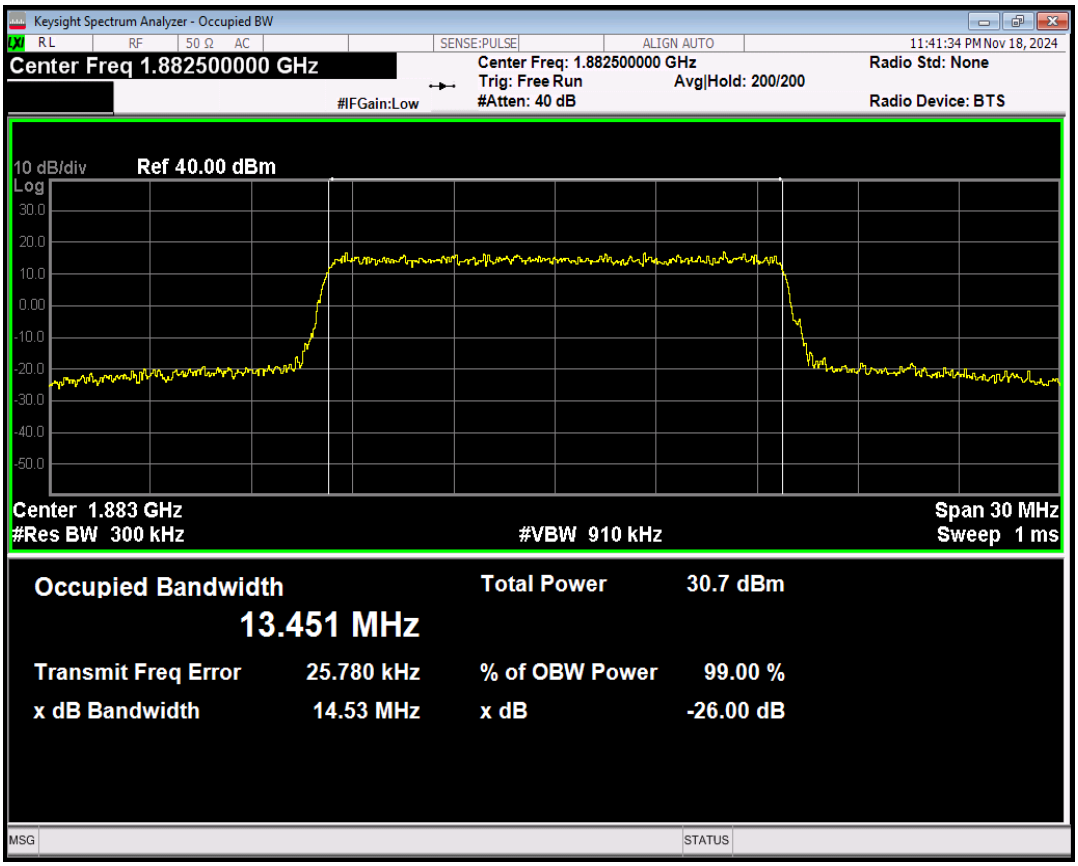
Band25 QPSK BW=10MHz Channel=26365 RB Size=50 Position=#0



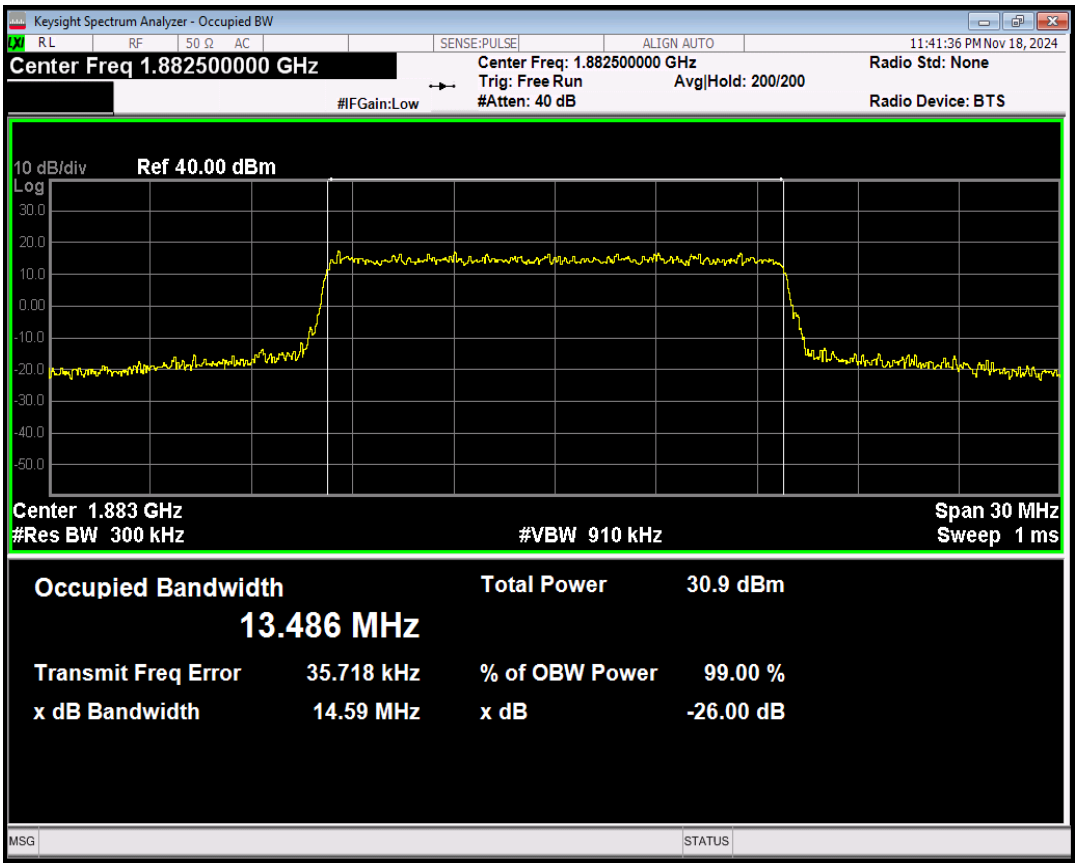
Band25 16QAM BW=10MHz Channel=26365 RB Size=50 Position=#0



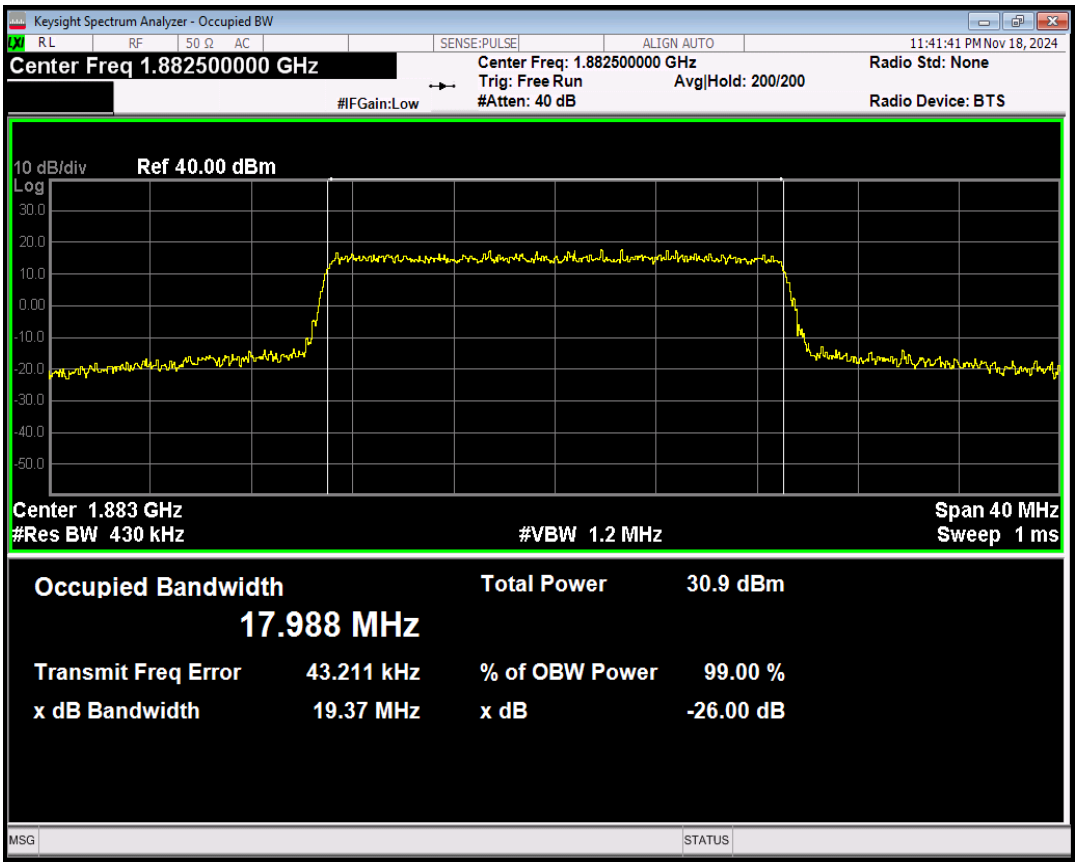
Band25 QPSK BW=15MHz Channel=26365 RB Size=75 Position=#0



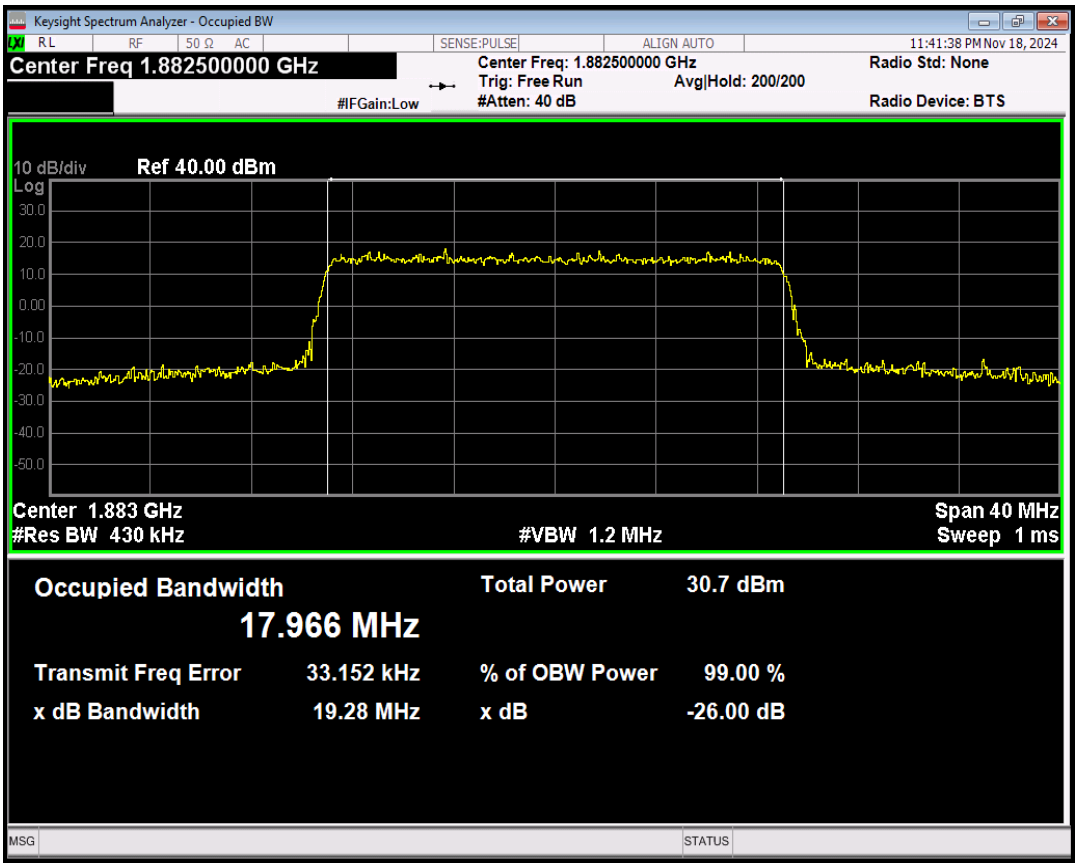
Band25 16QAM BW=15MHz Channel=26365 RB Size=75 Position=#0



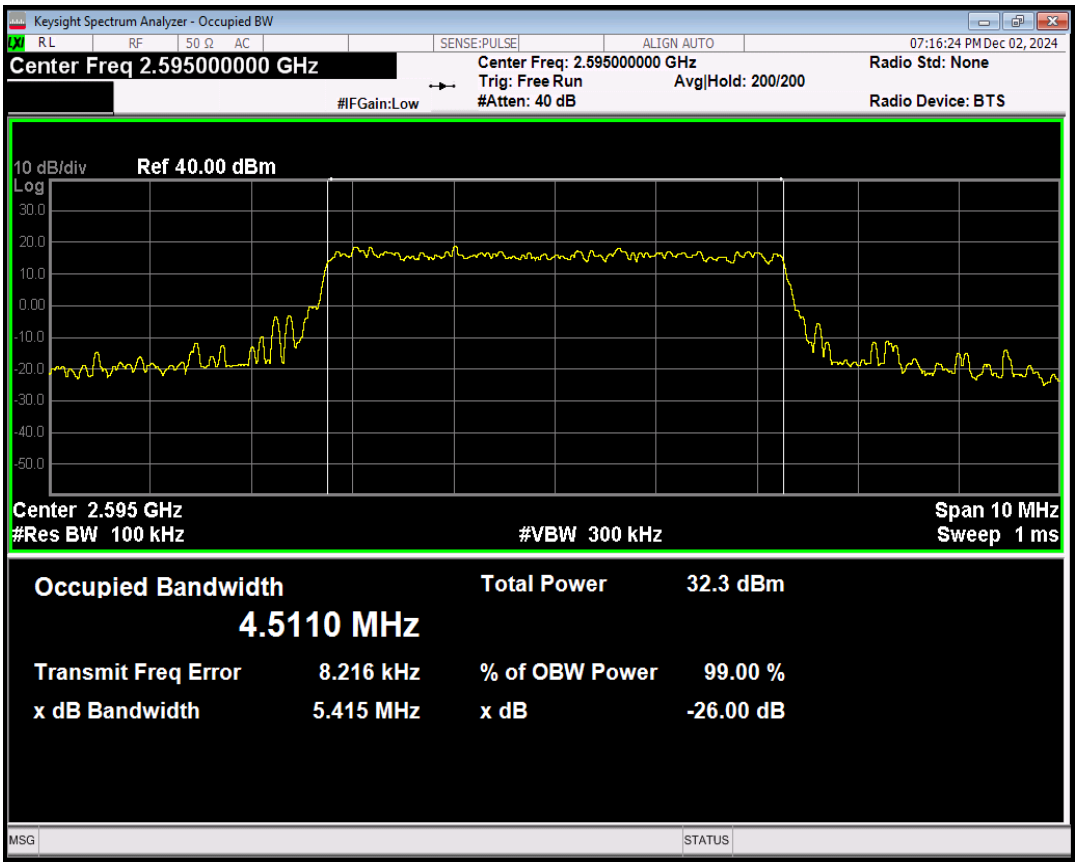
Band25 16QAM BW=20MHz Channel=26365 RB Size=100 Position=#0



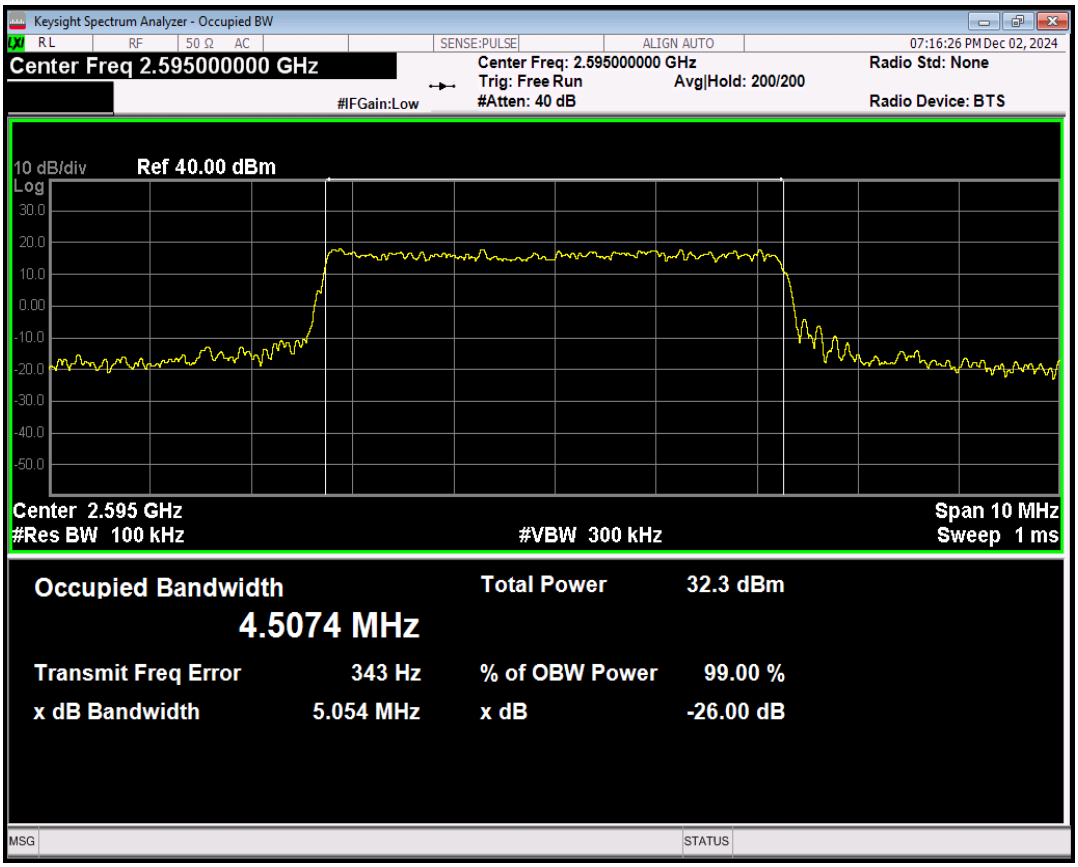
Band25 QPSK BW=20MHz Channel=26365 RB Size=100 Position=#0



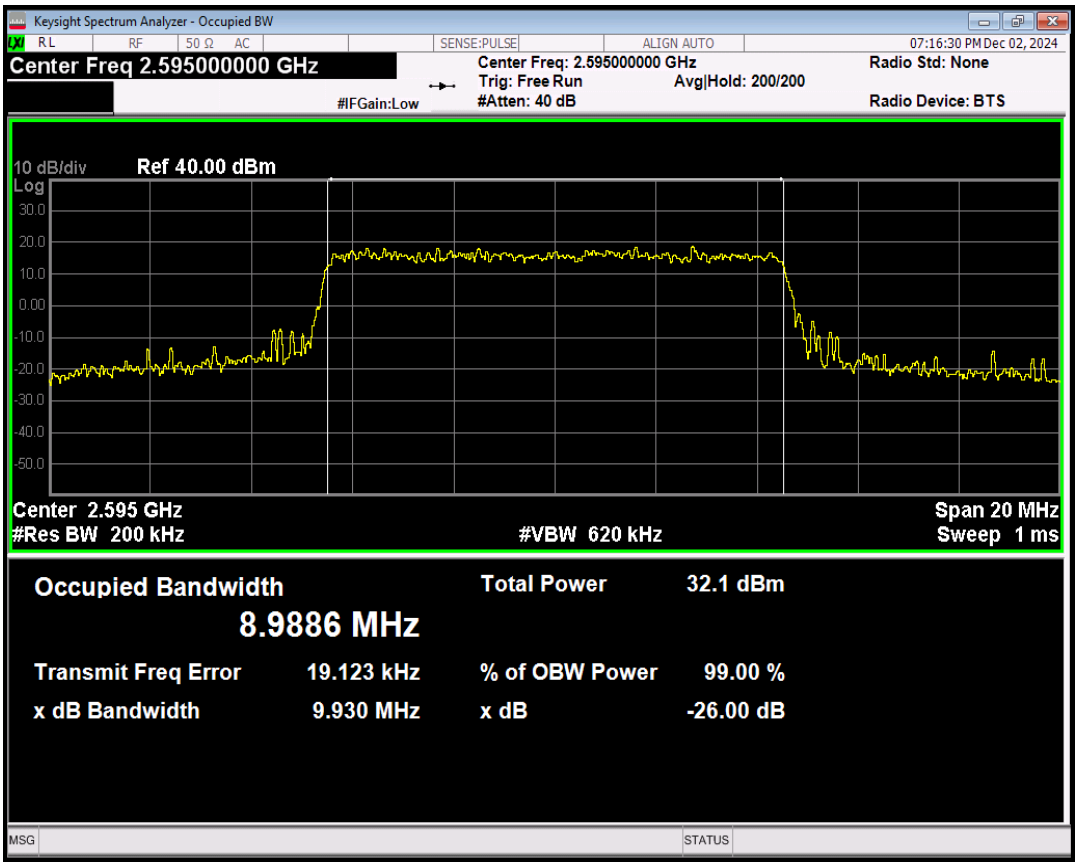
Band38 QPSK BW=5MHz Channel=38000 RB Size=25 Position=#0



Band38 16QAM BW=5MHz Channel=38000 RB Size=25 Position=#0



Band38 QPSK BW=10MHz Channel=38000 RB Size=50 Position=#0



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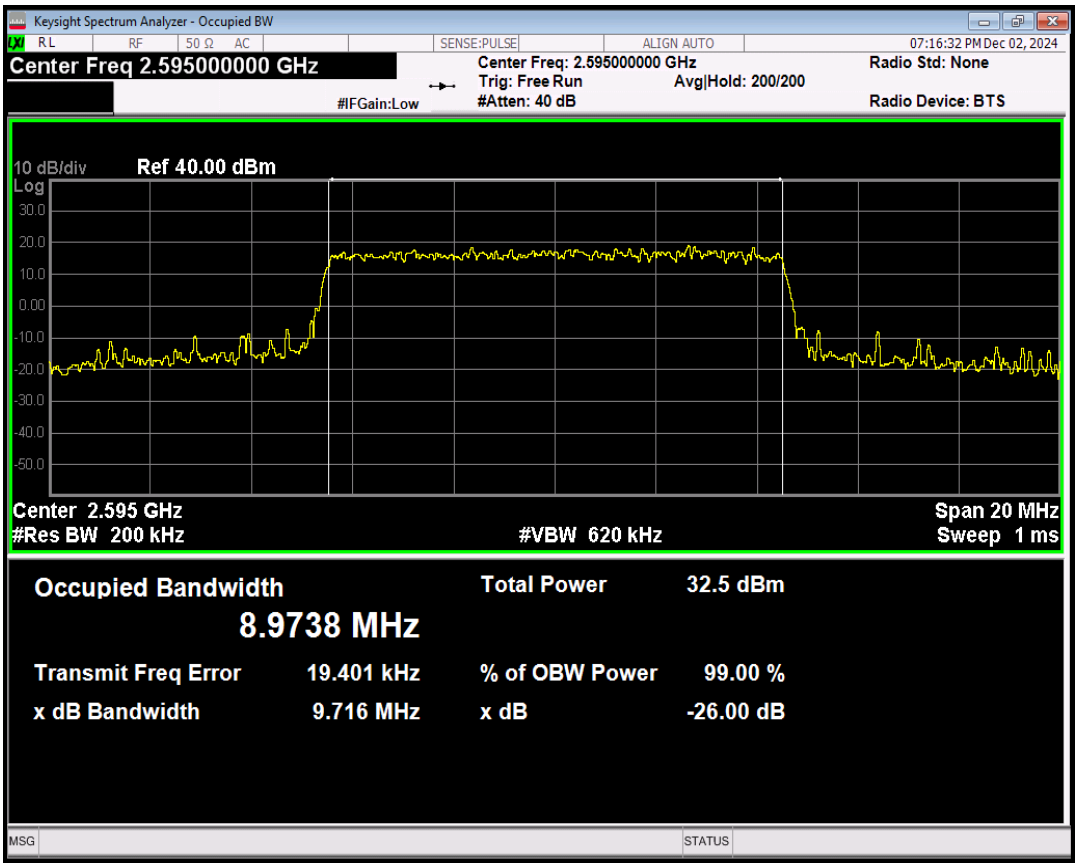
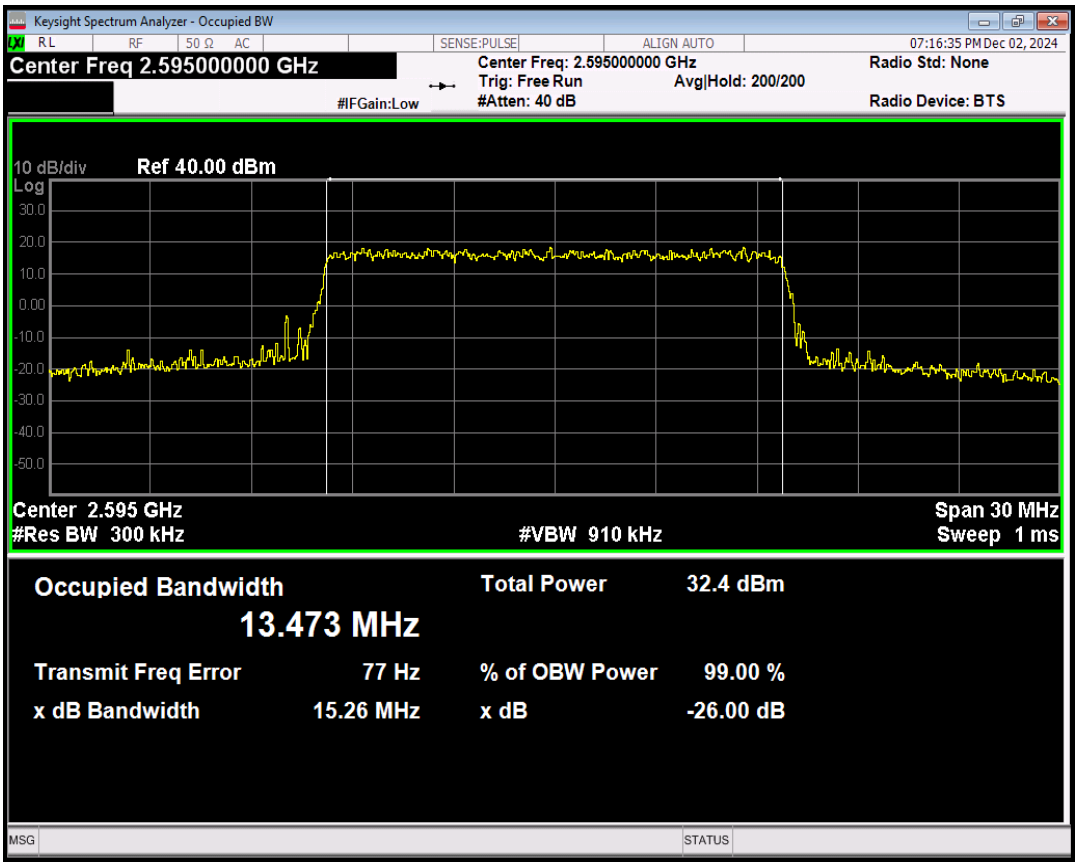
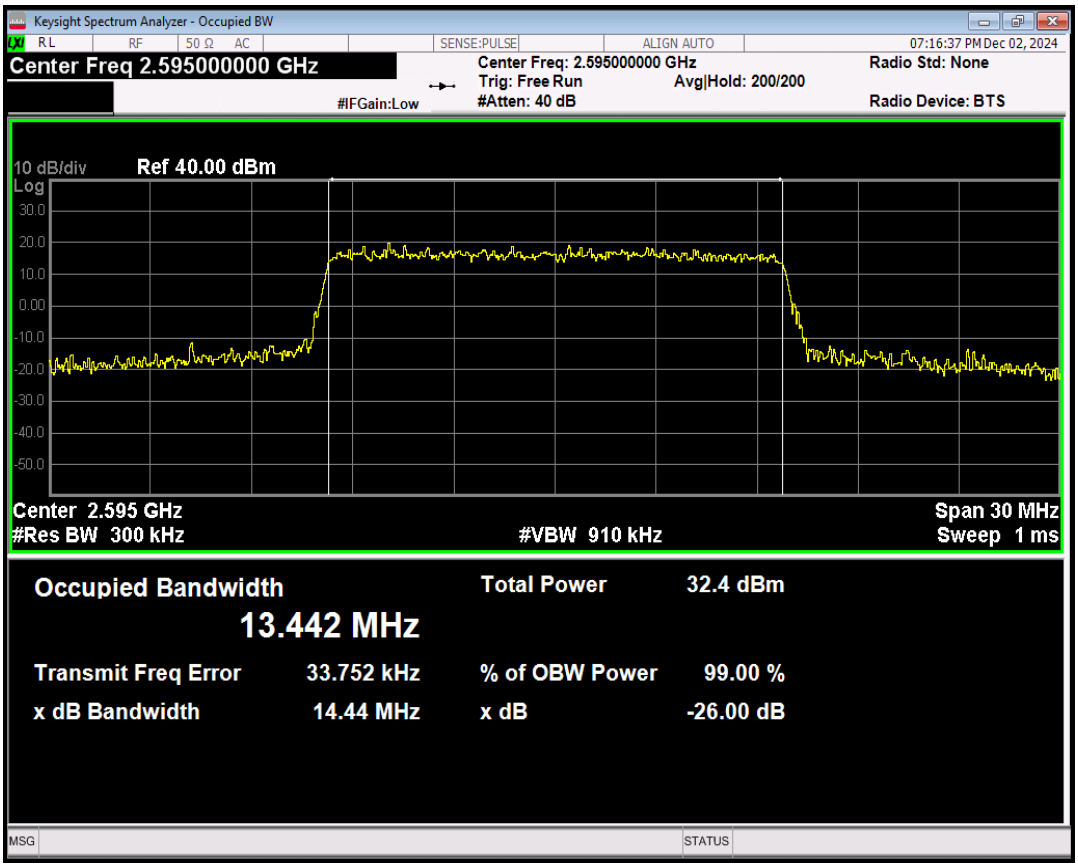


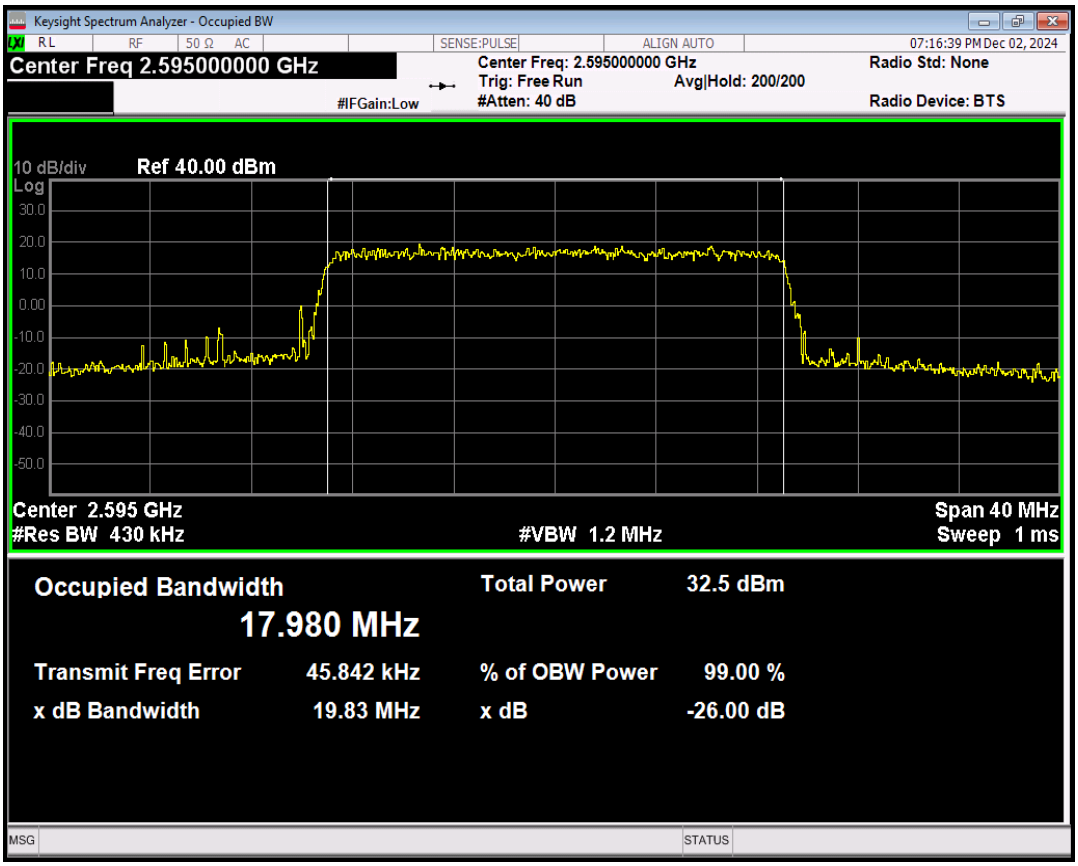
Band38 QPSK BW=15MHz Channel=38000 RB Size=75 Position=#0



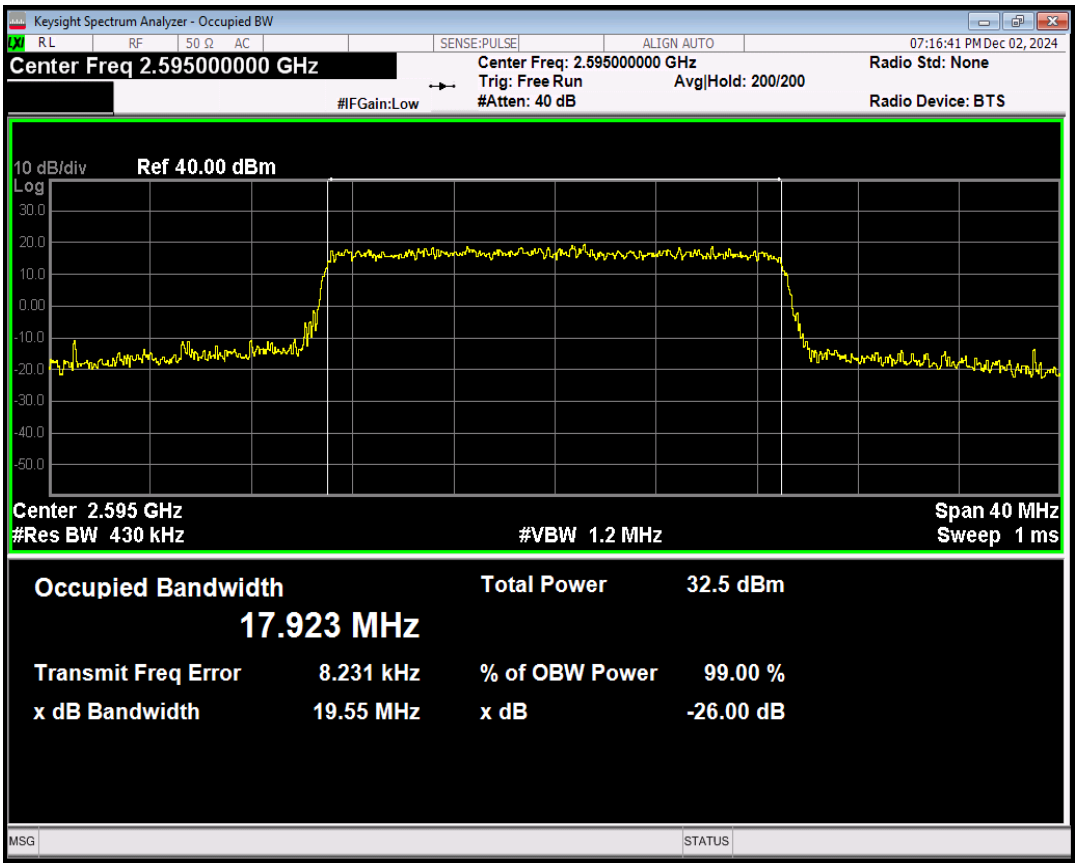
Band38 16QAM BW=15MHz Channel=38000 RB Size=75 Position=#0



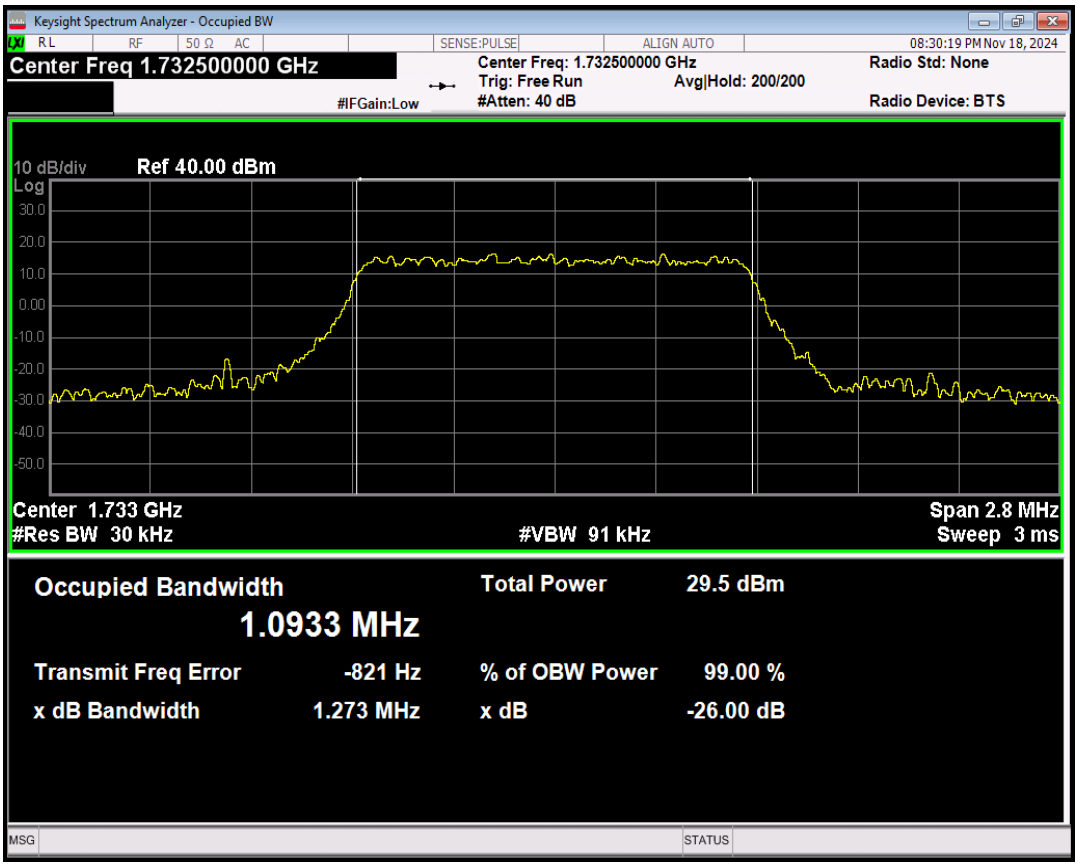
Band38 QPSK BW=20MHz Channel=38000 RB Size=100 Position=#0



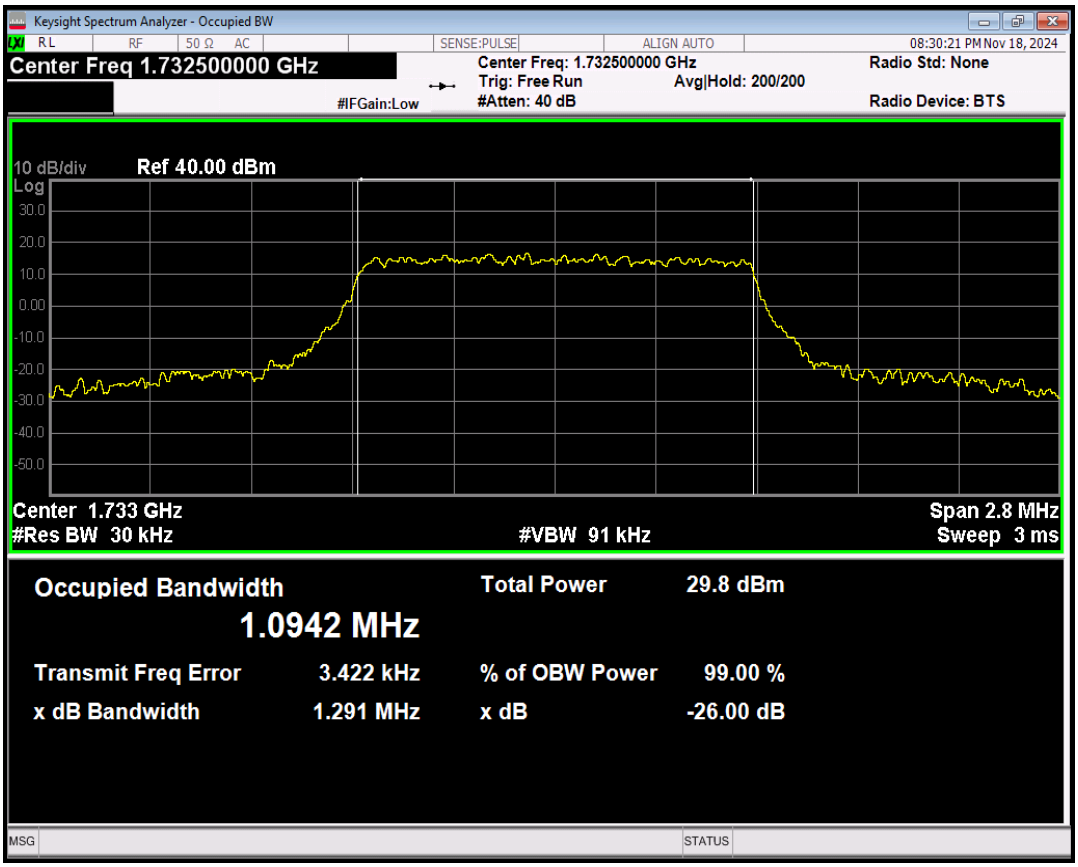
Band38 16QAM BW=20MHz Channel=38000 RB Size=100 Position=#0



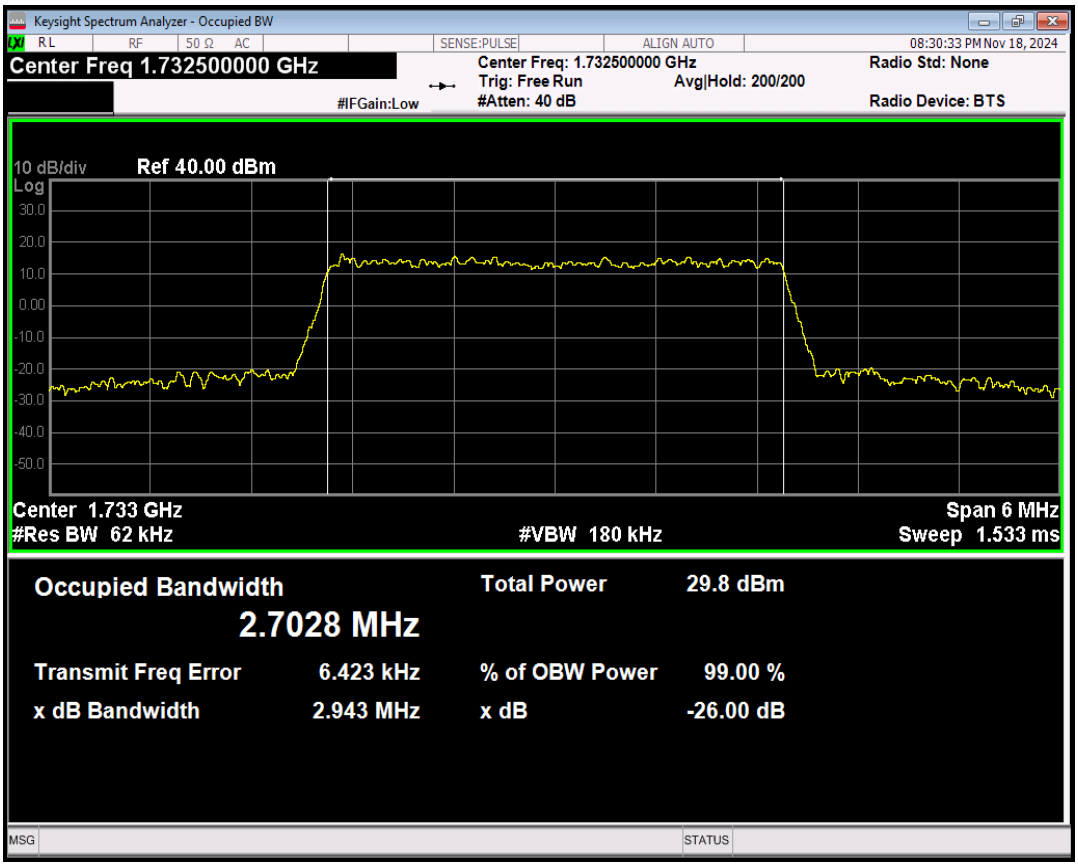
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0



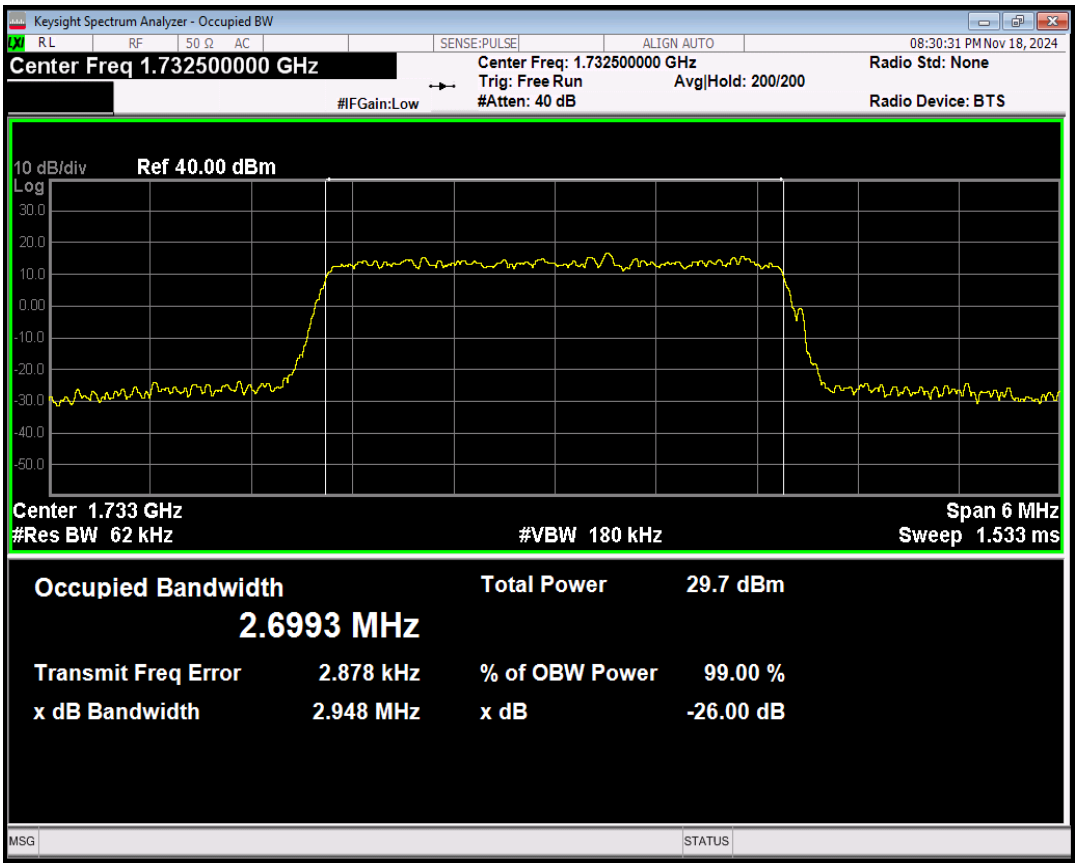
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=6 Position=#0



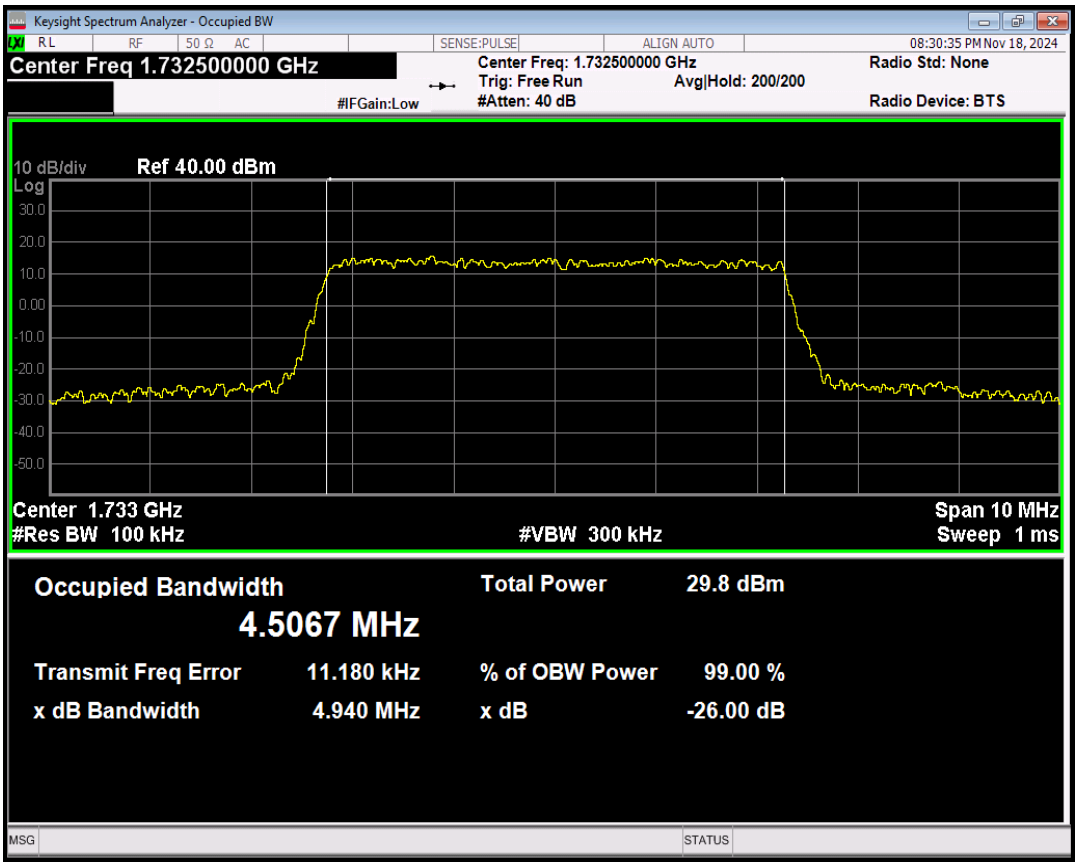
Band4 16QAM BW=3MHz Channel=20175 RB Size=15 Position=#0



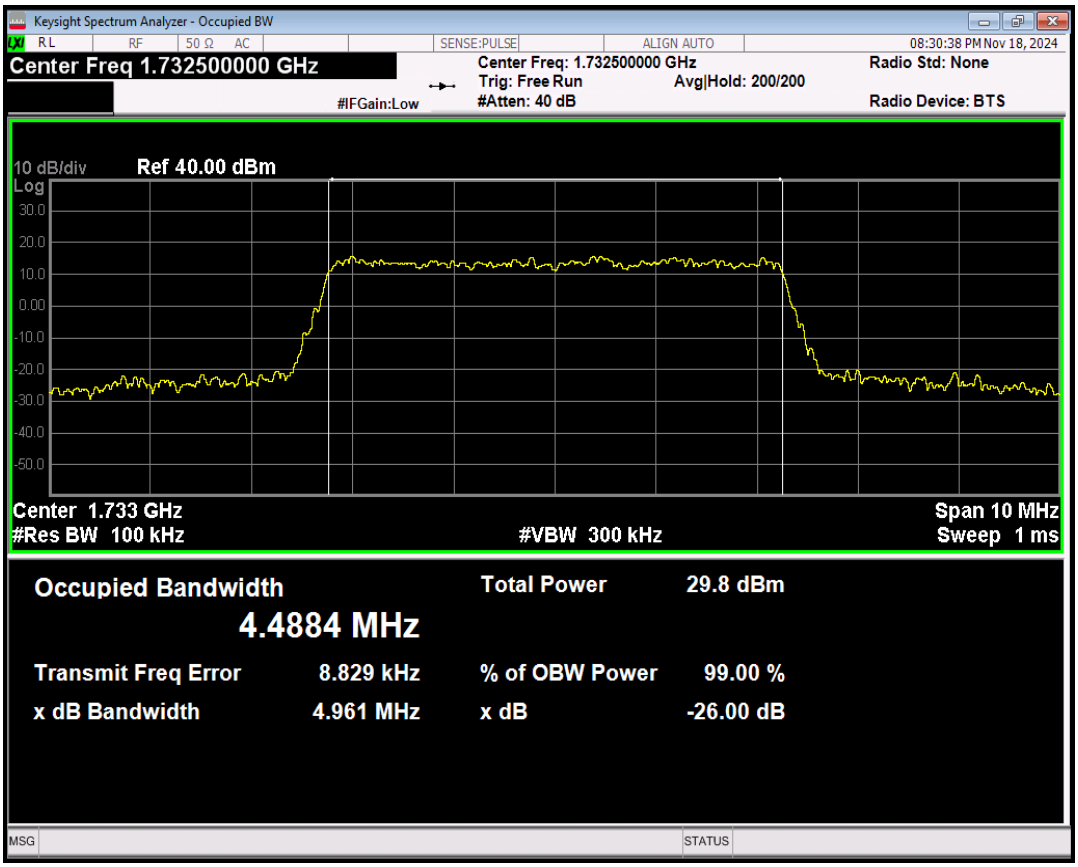
Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0



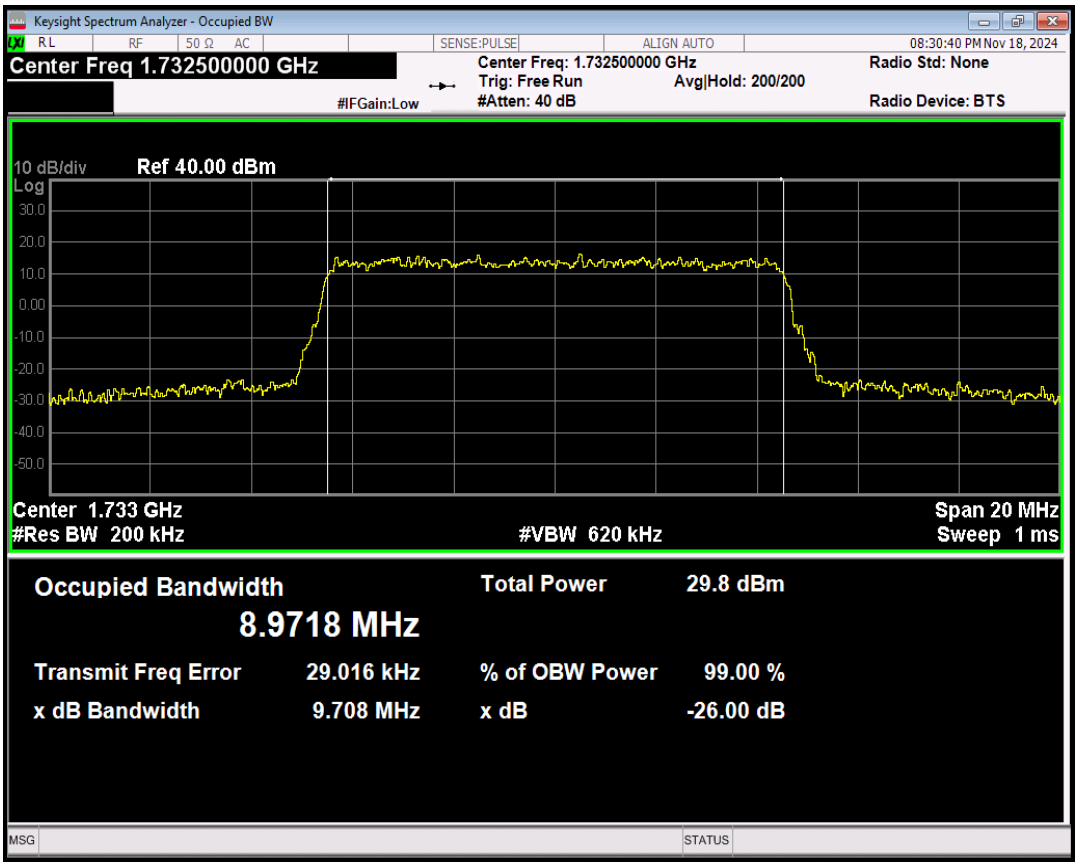
Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0



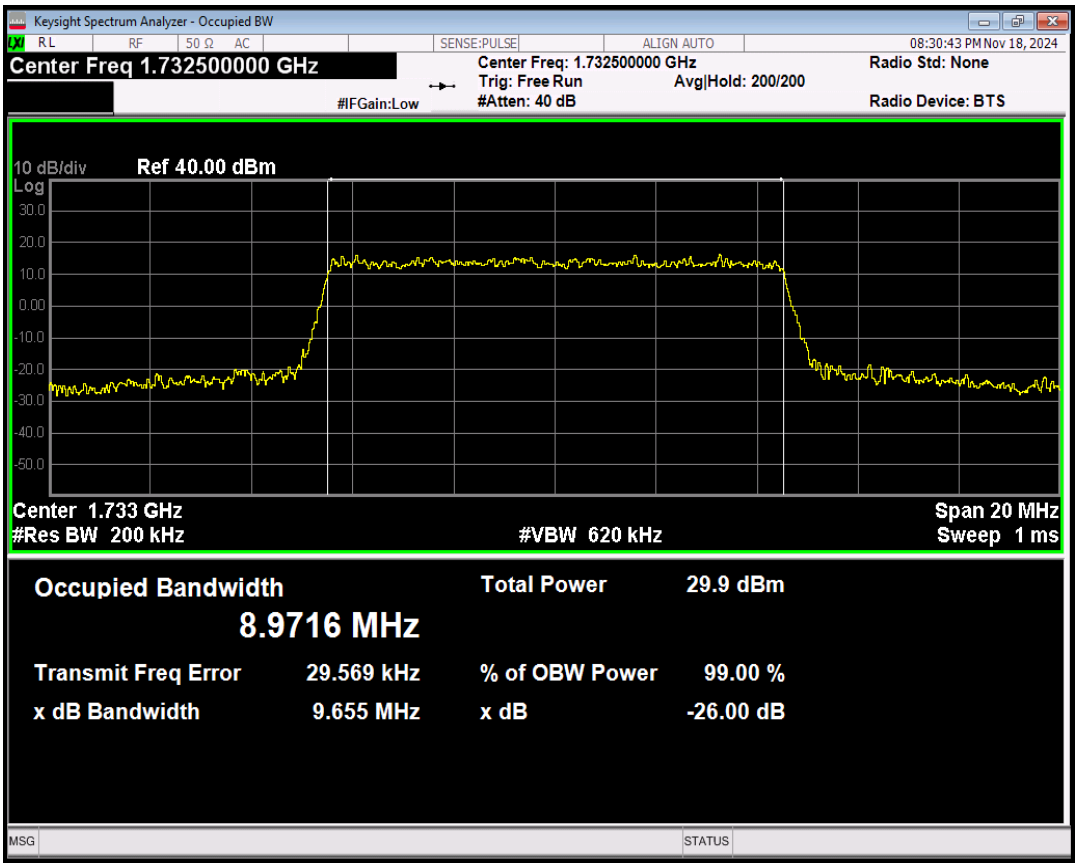
Band4 16QAM BW=5MHz Channel=20175 RB Size=25 Position=#0



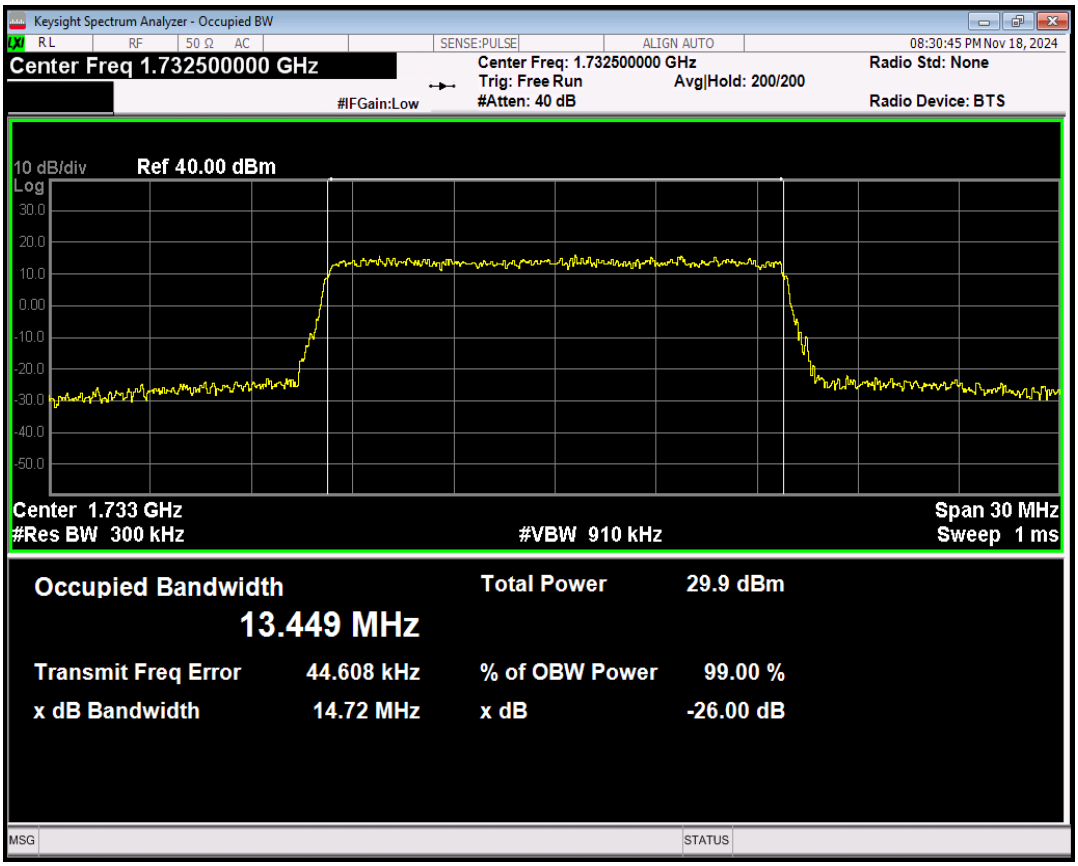
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0



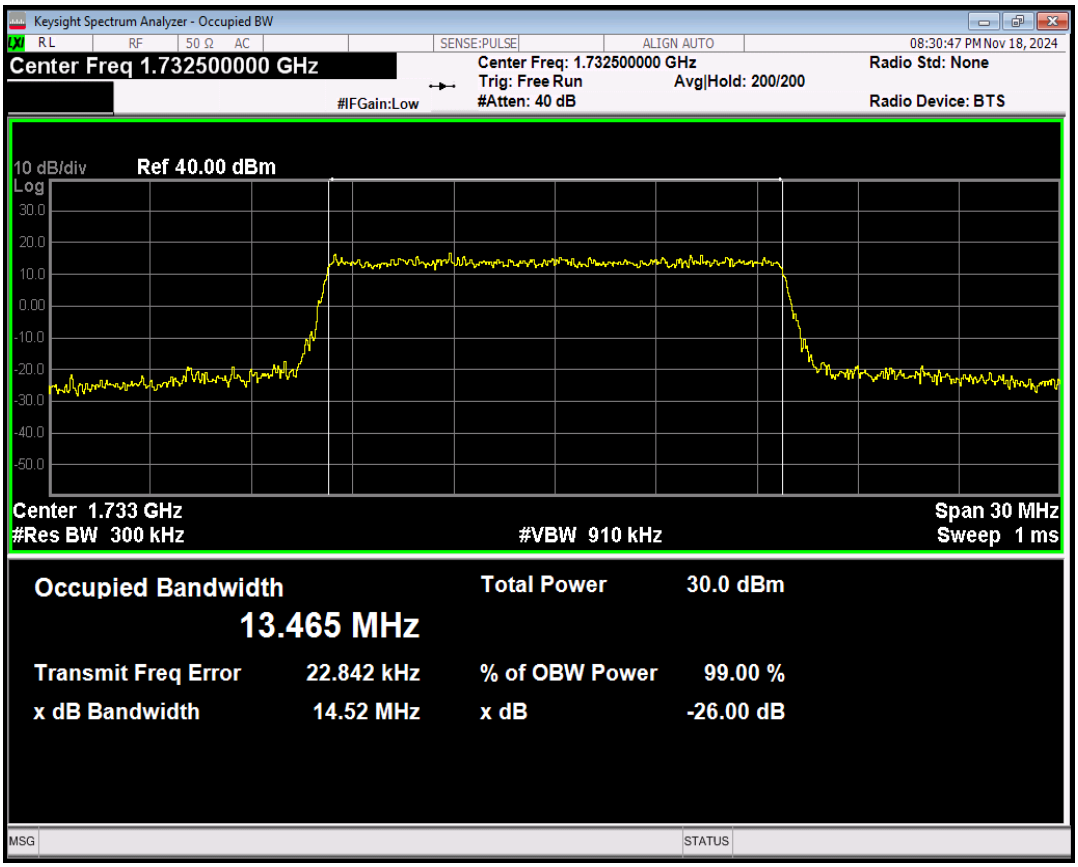
Band4 16QAM BW=10MHz Channel=20175 RB Size=50 Position=#0



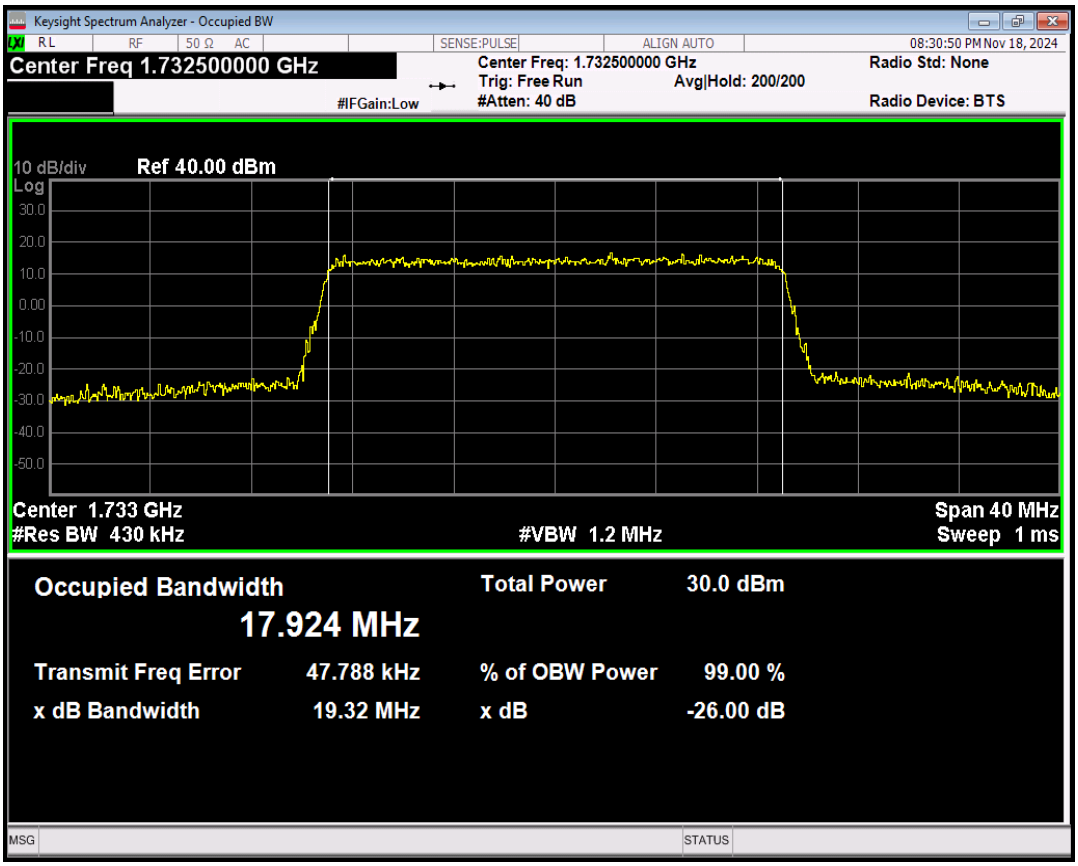
Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0



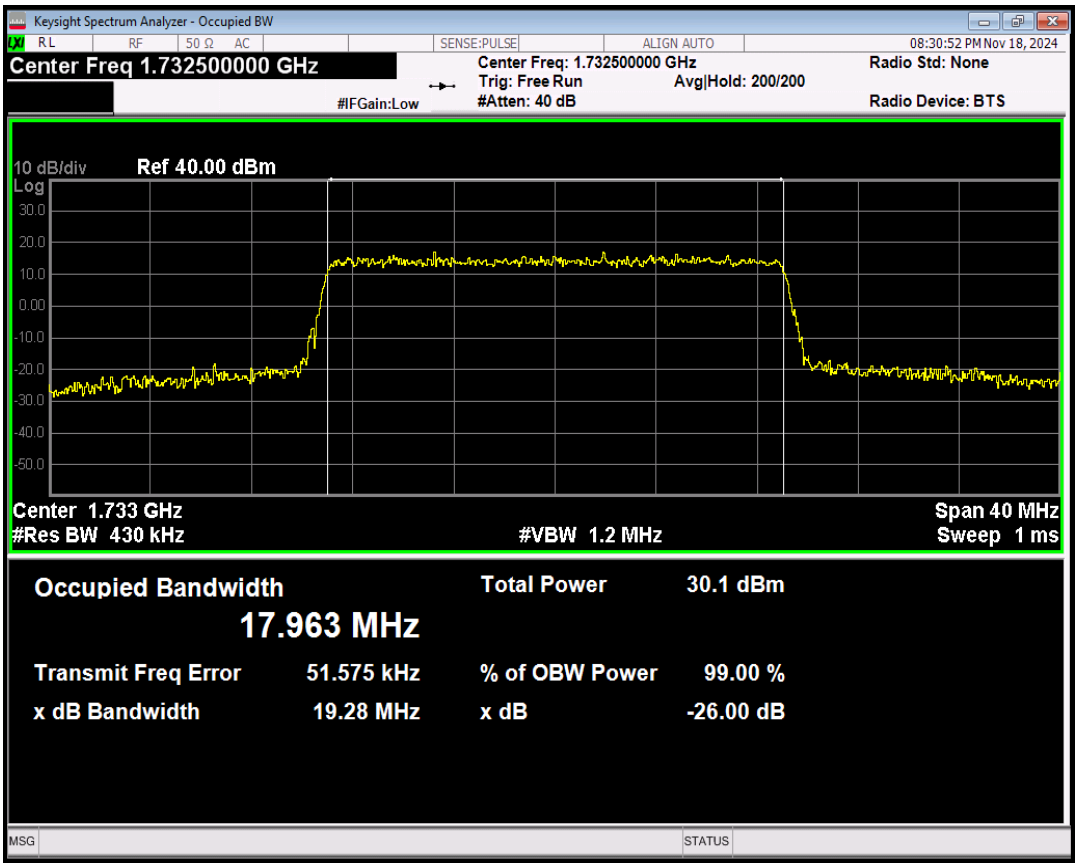
Band4 16QAM BW=15MHz Channel=20175 RB Size=75 Position=#0



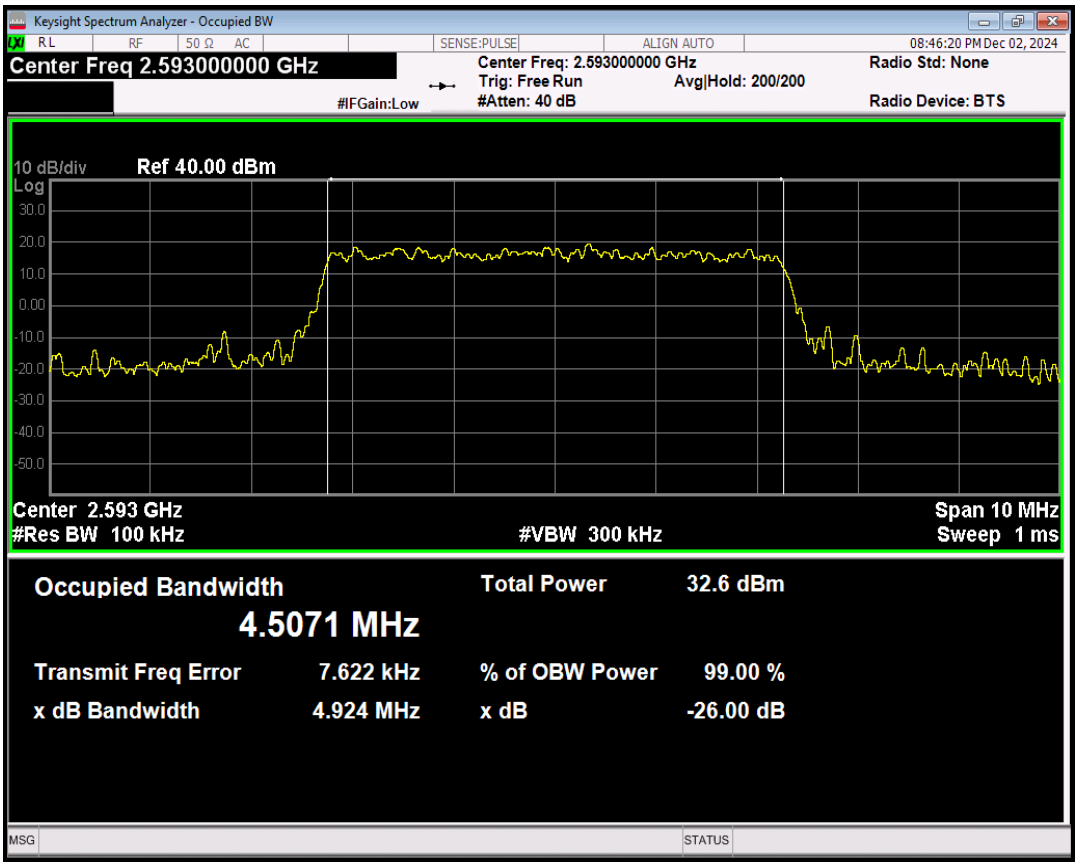
Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0



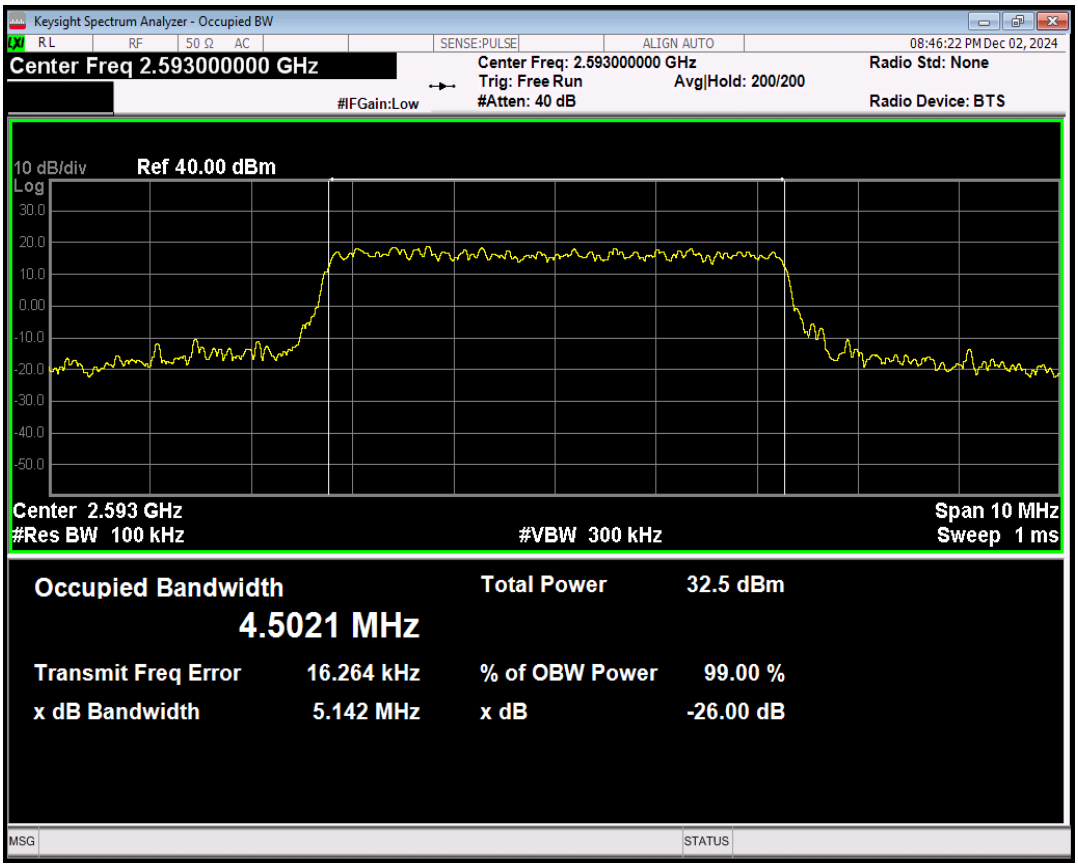
Band4 16QAM BW=20MHz Channel=20175 RB Size=100 Position=#0



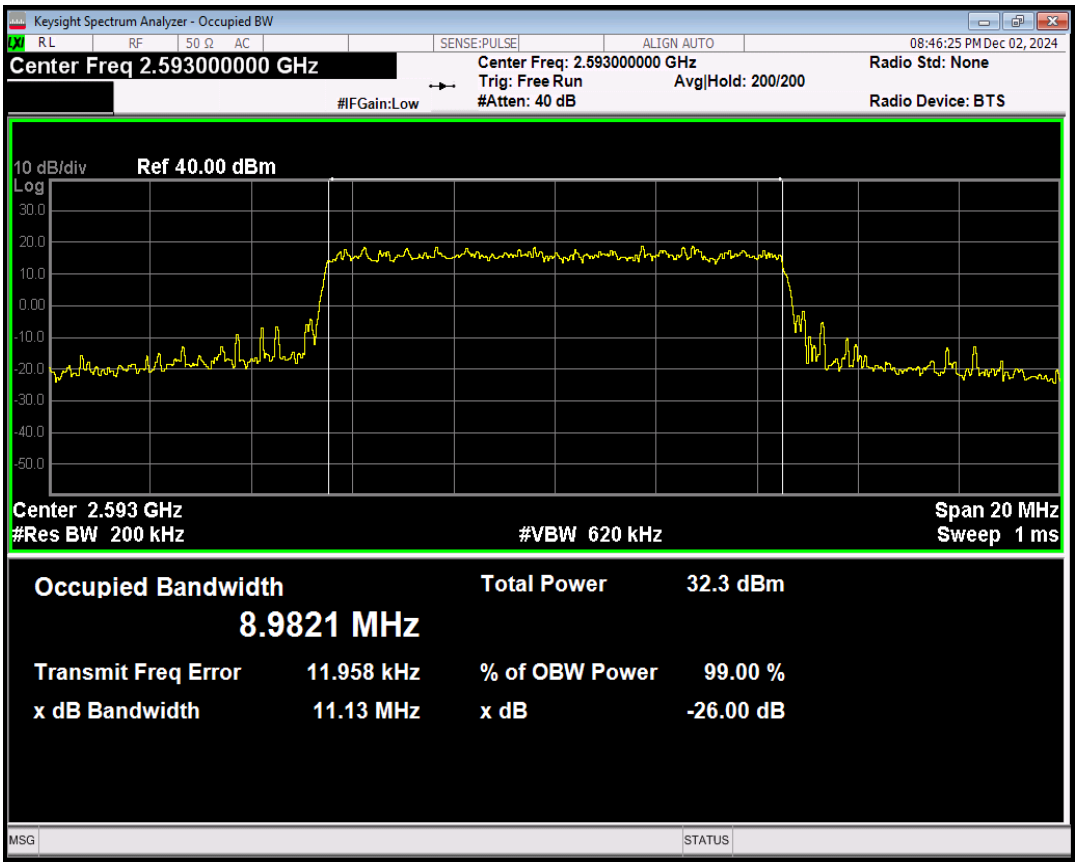
Band41 QPSK BW=5MHz Channel=40620 RB Size=25 Position=#0



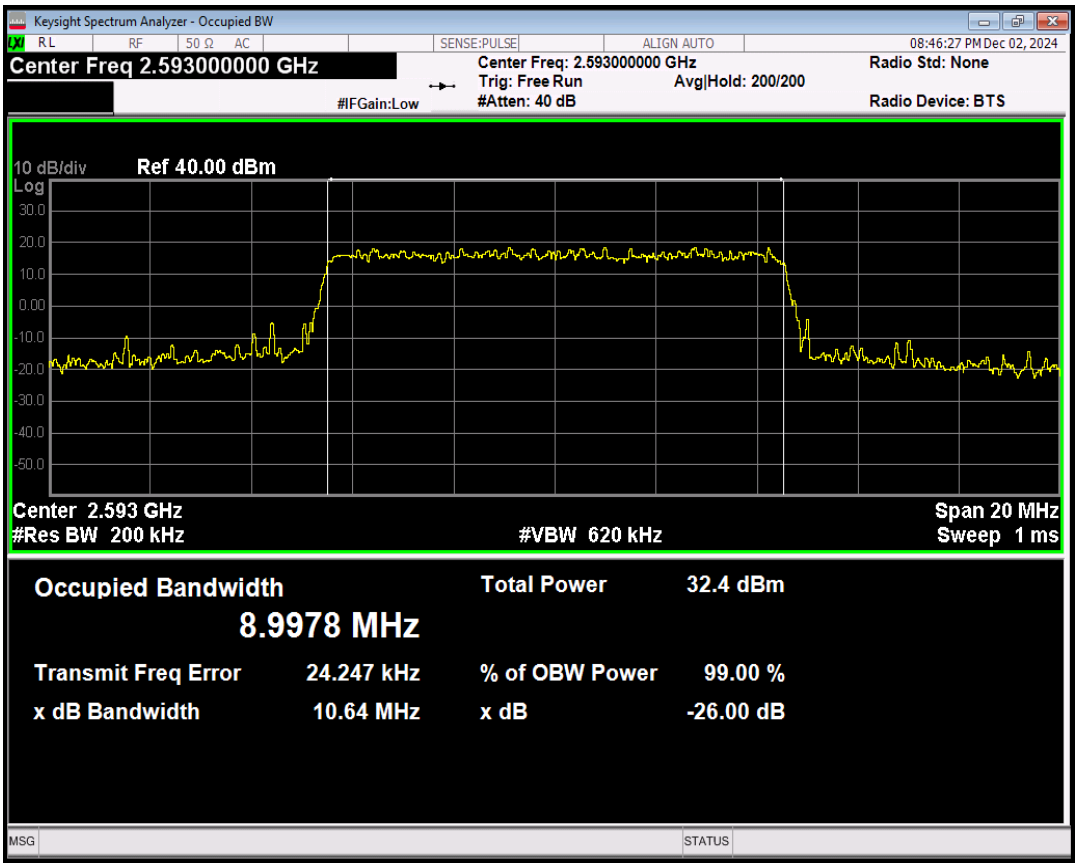
Band41 16QAM BW=5MHz Channel=40620 RB Size=25 Position=#0



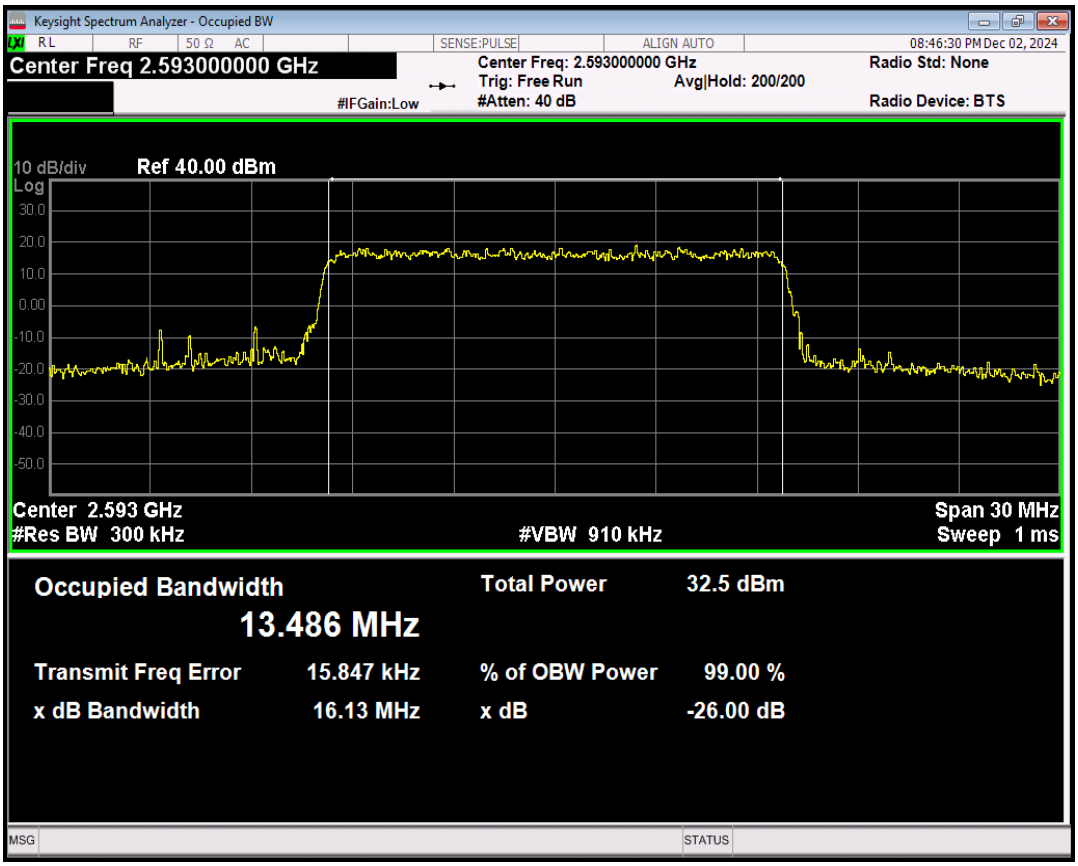
Band41 QPSK BW=10MHz Channel=40620 RB Size=50 Position=#0



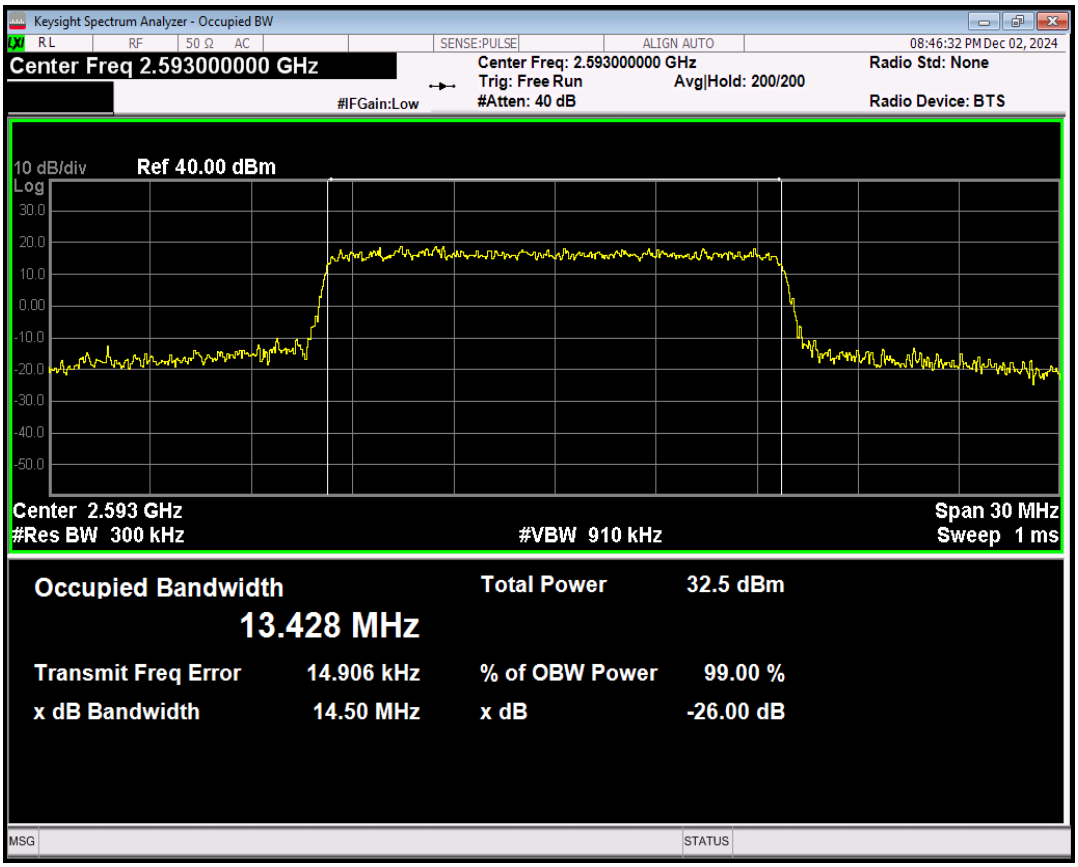
Band41 16QAM BW=10MHz Channel=40620 RB Size=50 Position=#0



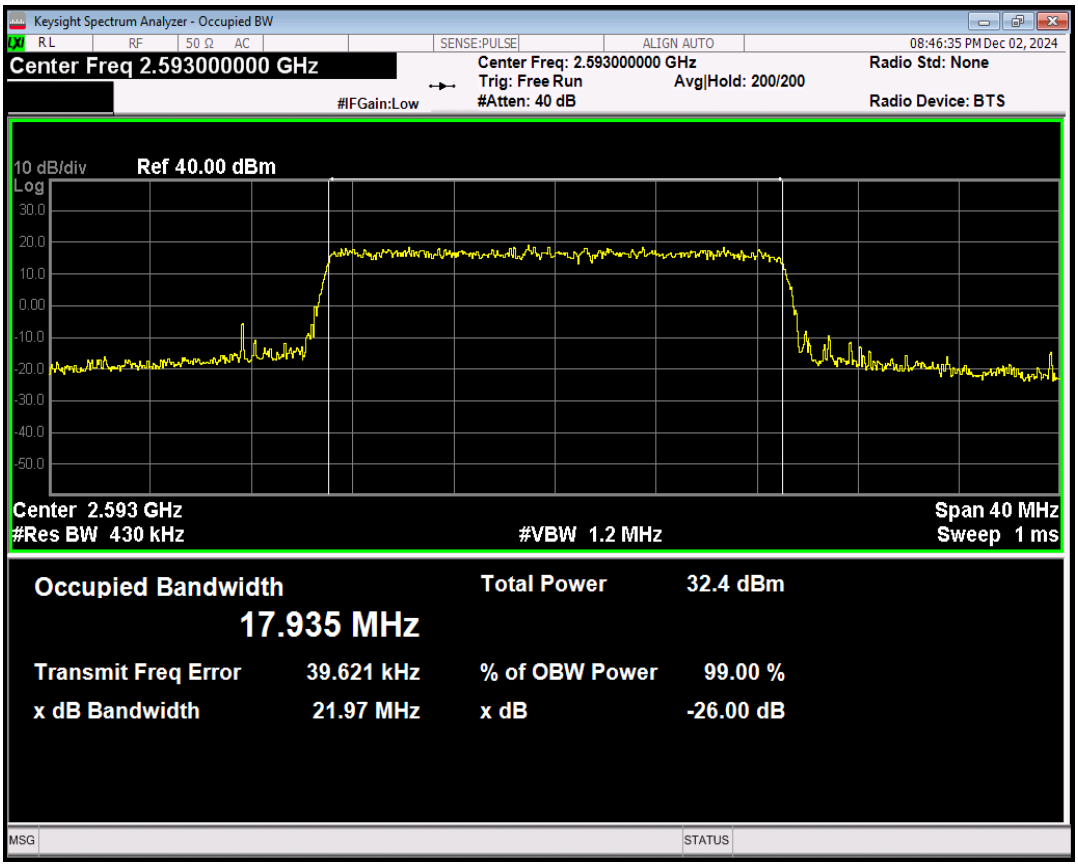
Band41 QPSK BW=15MHz Channel=40620 RB Size=75 Position=#0



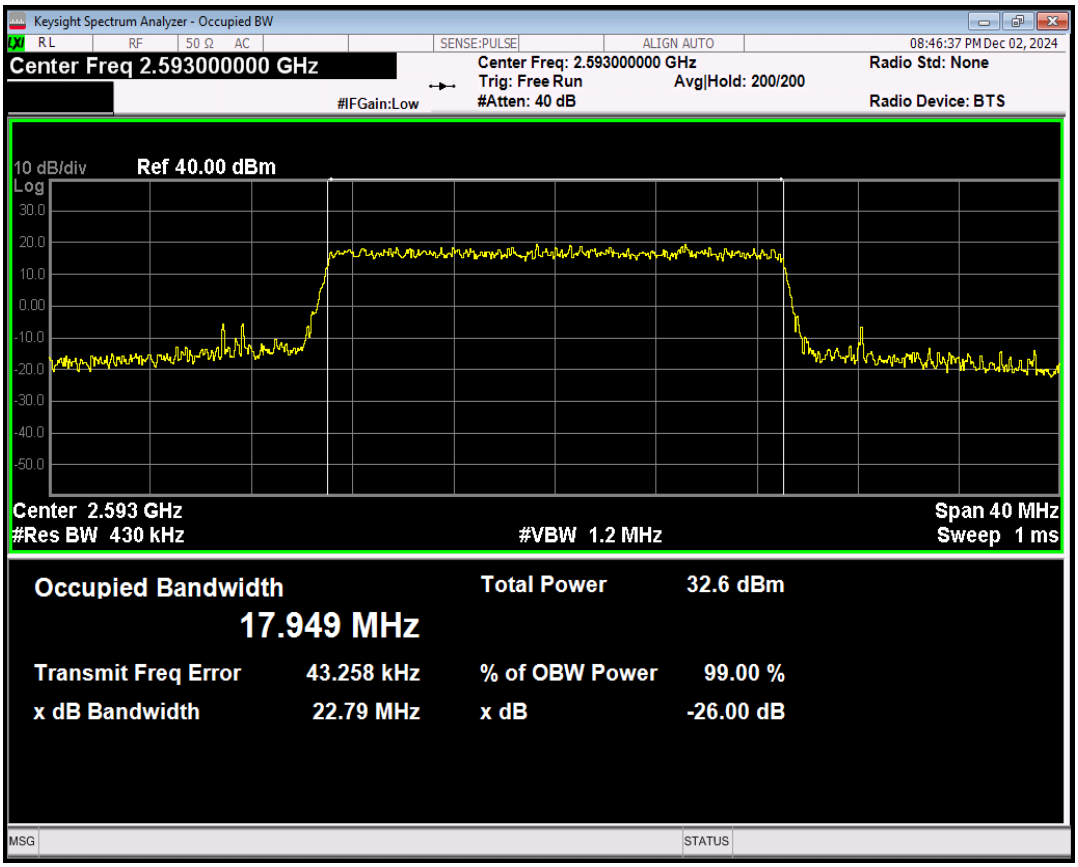
Band41 16QAM BW=15MHz Channel=40620 RB Size=75 Position=#0



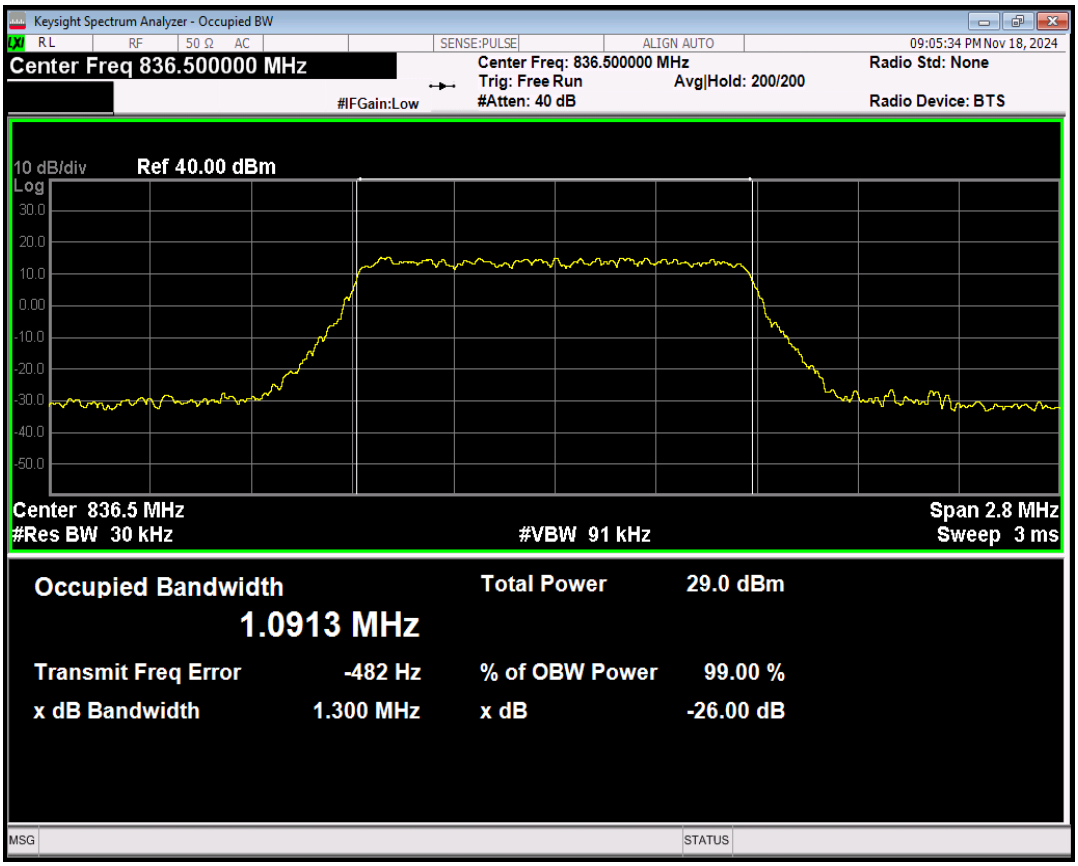
Band41 QPSK BW=20MHz Channel=40620 RB Size=100 Position=#0



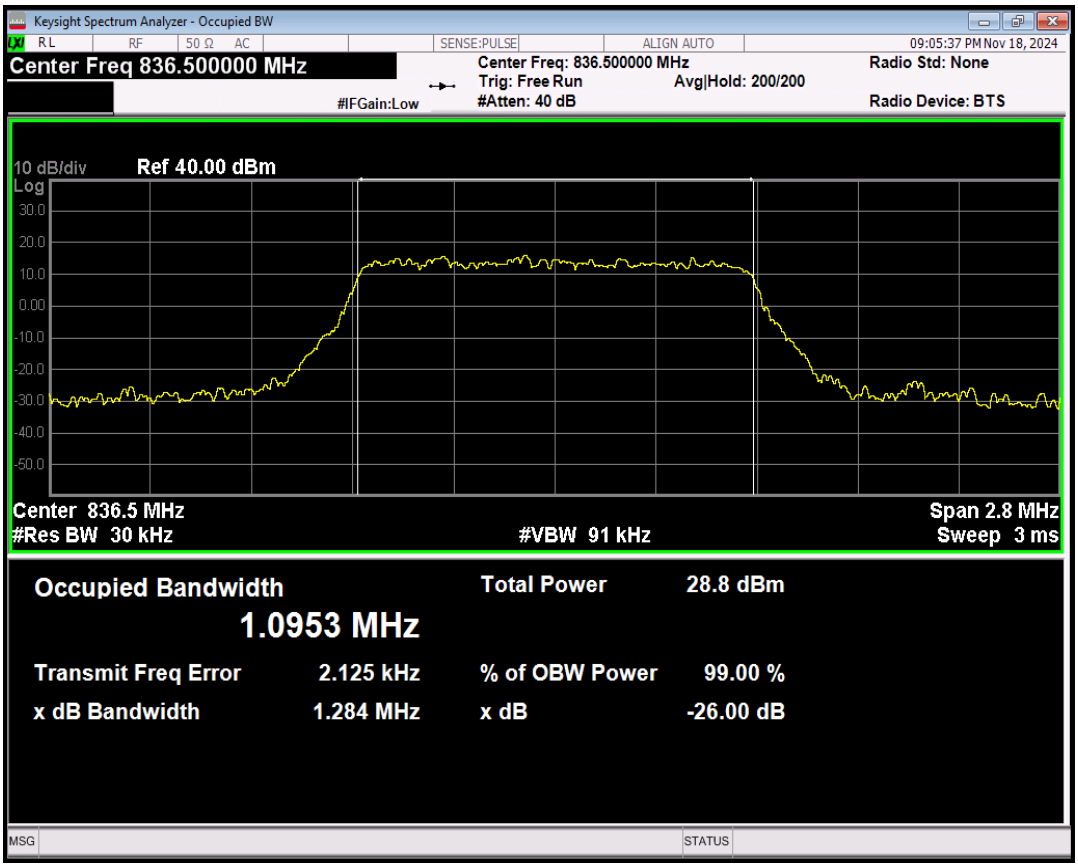
Band41 16QAM BW=20MHz Channel=40620 RB Size=100 Position=#0



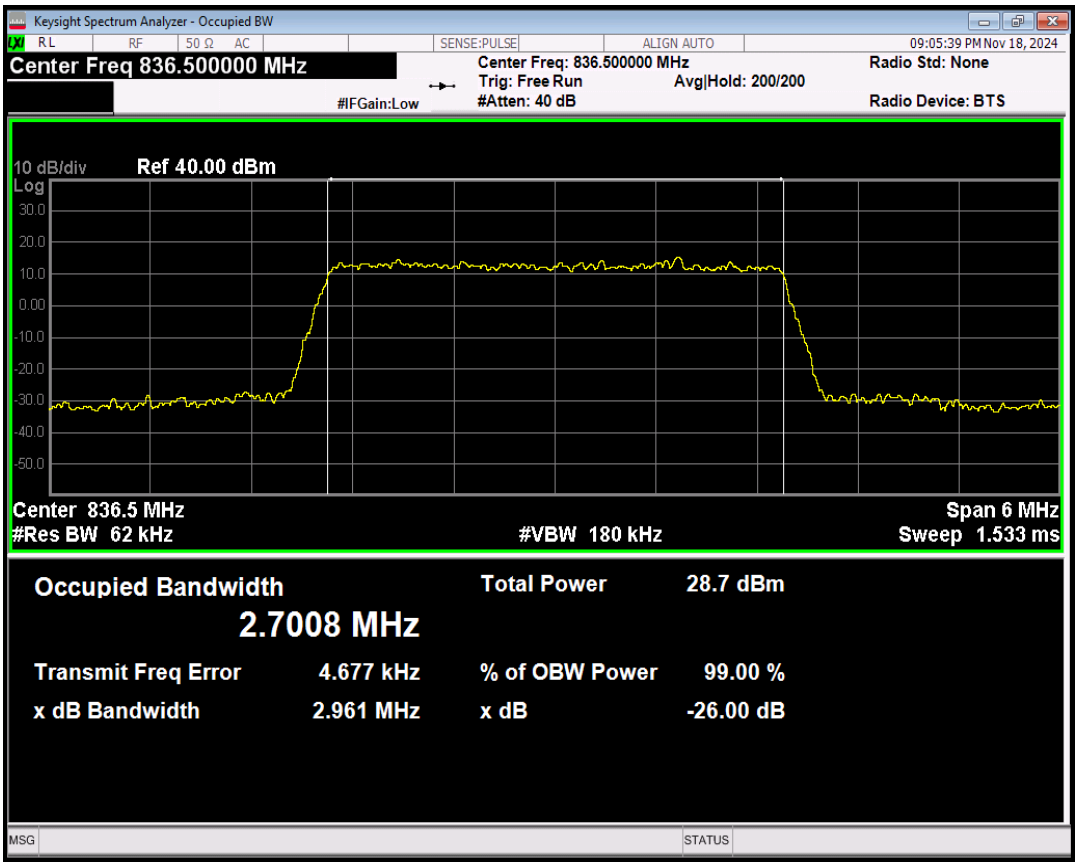
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



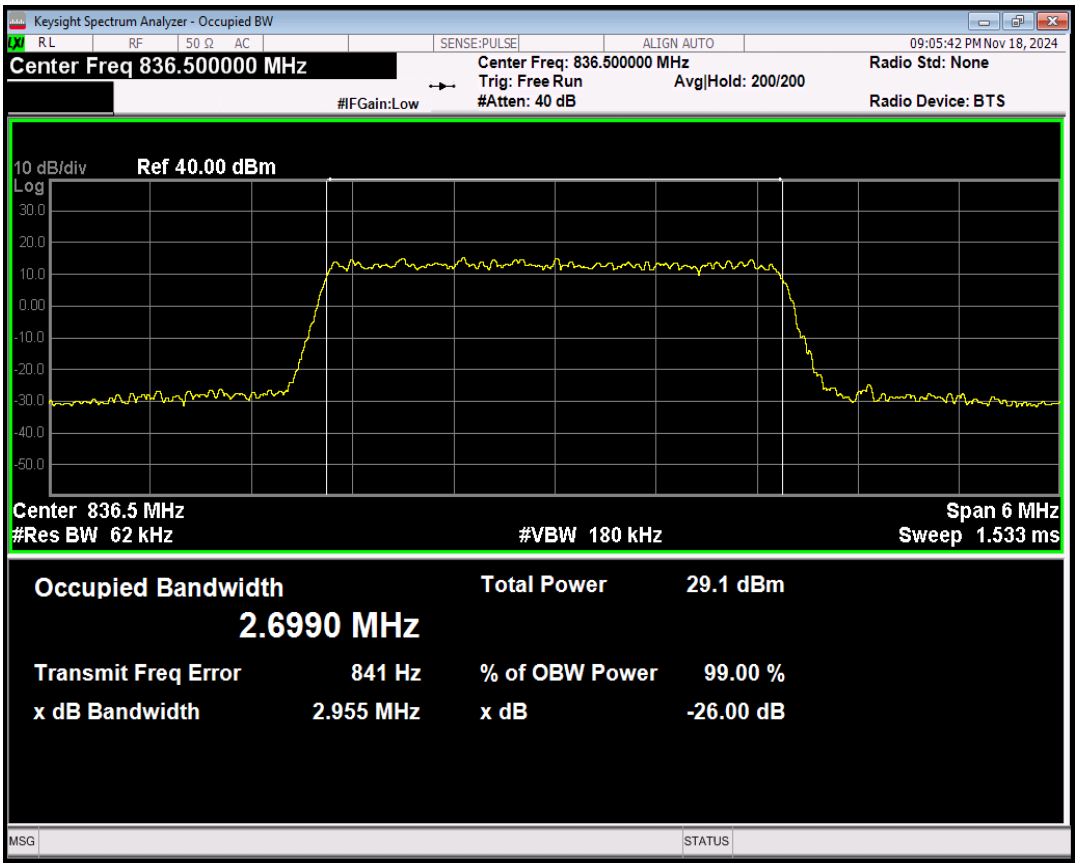
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0



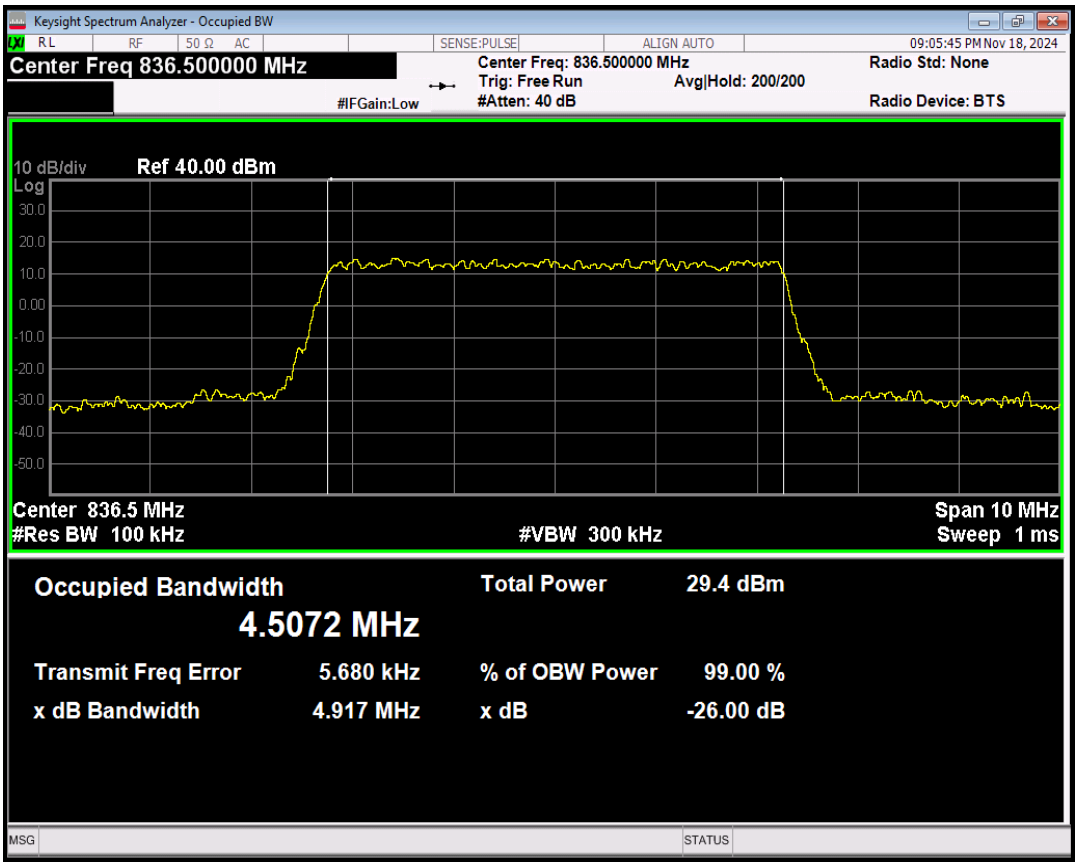
Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0



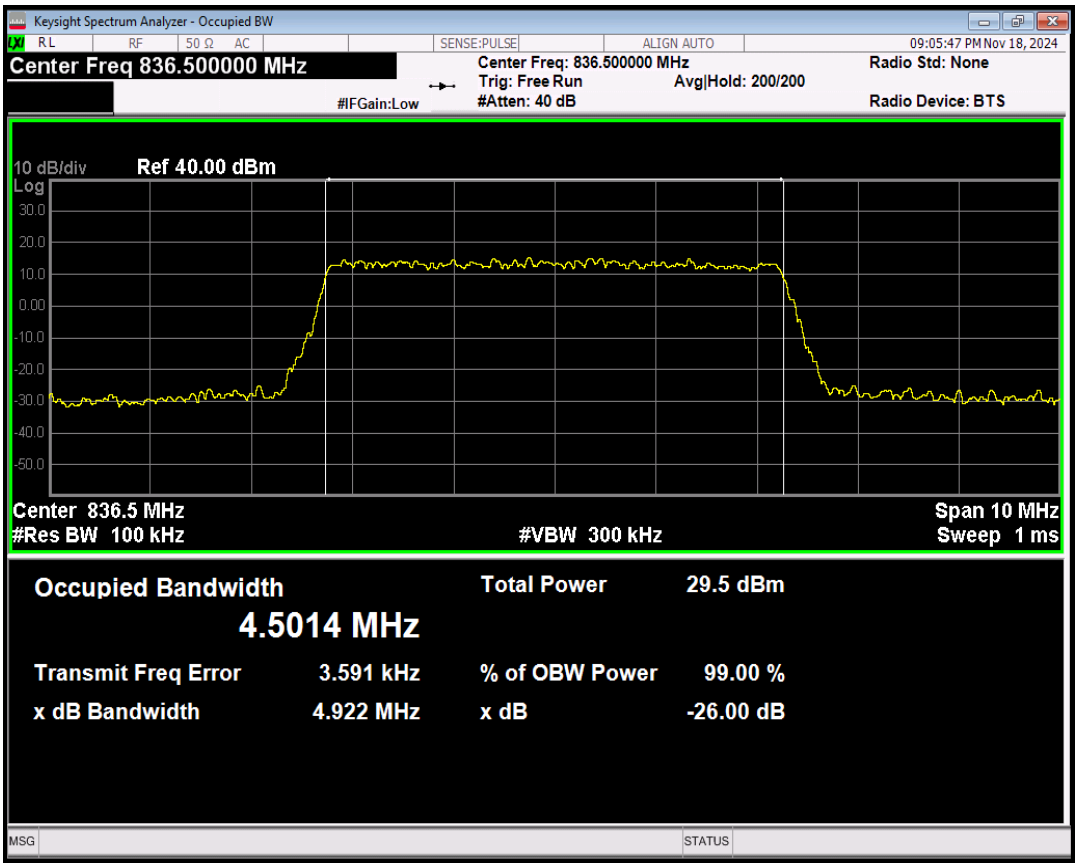
Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0



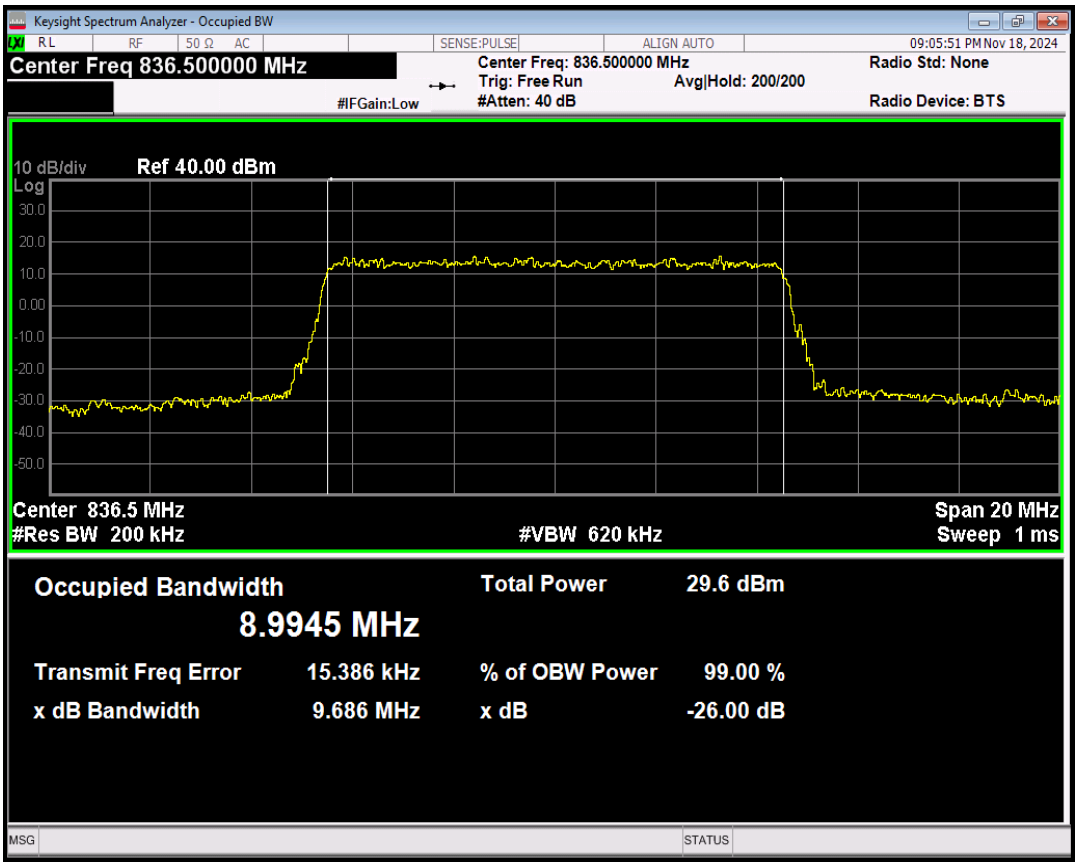
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



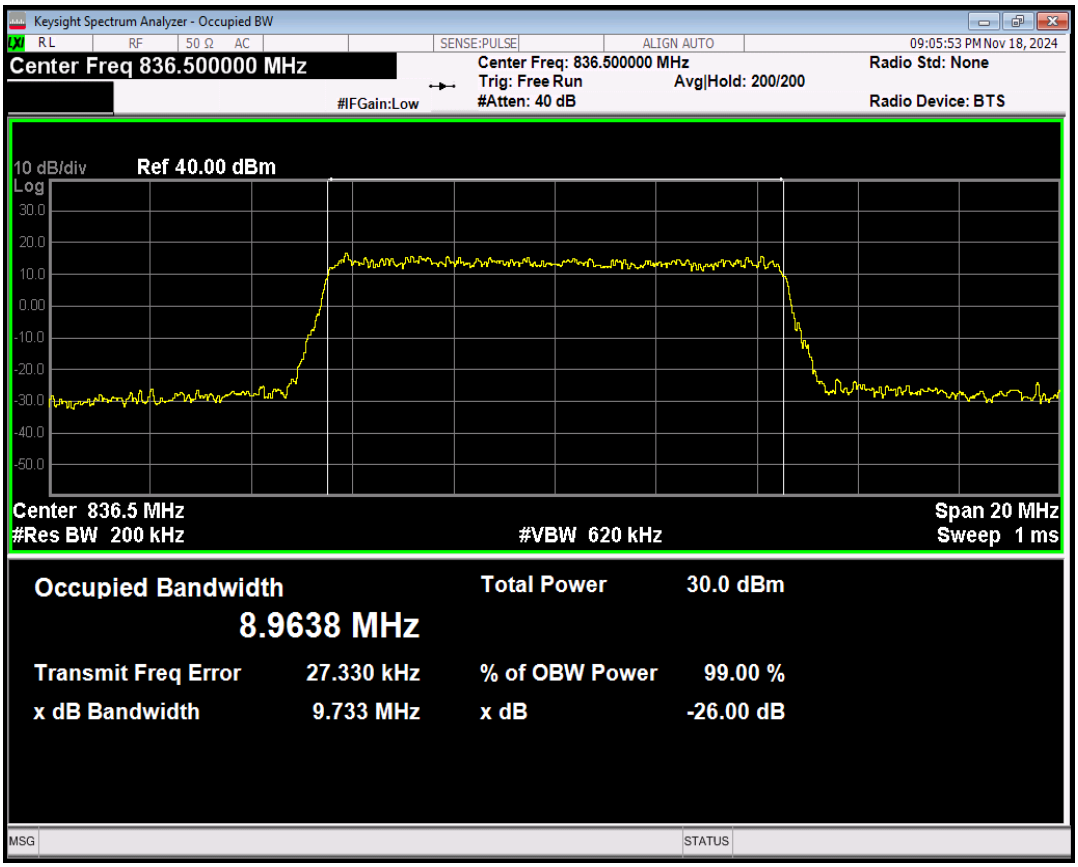
Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0



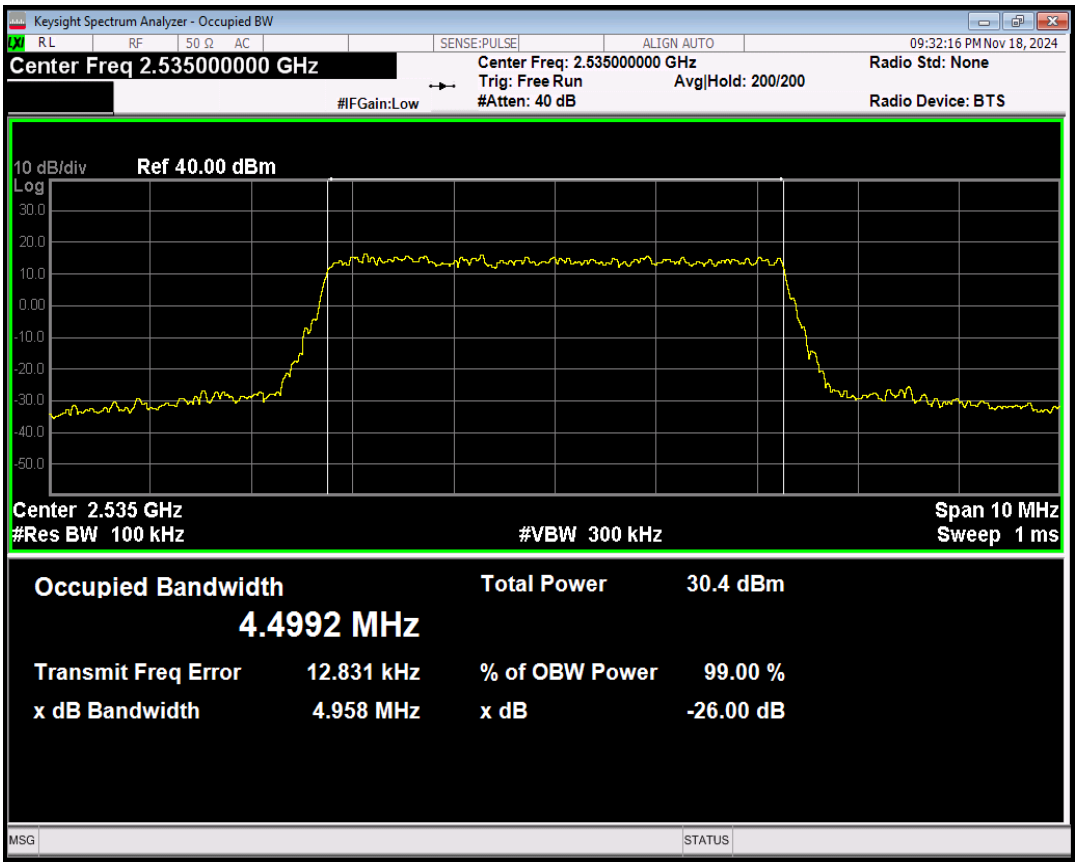
Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



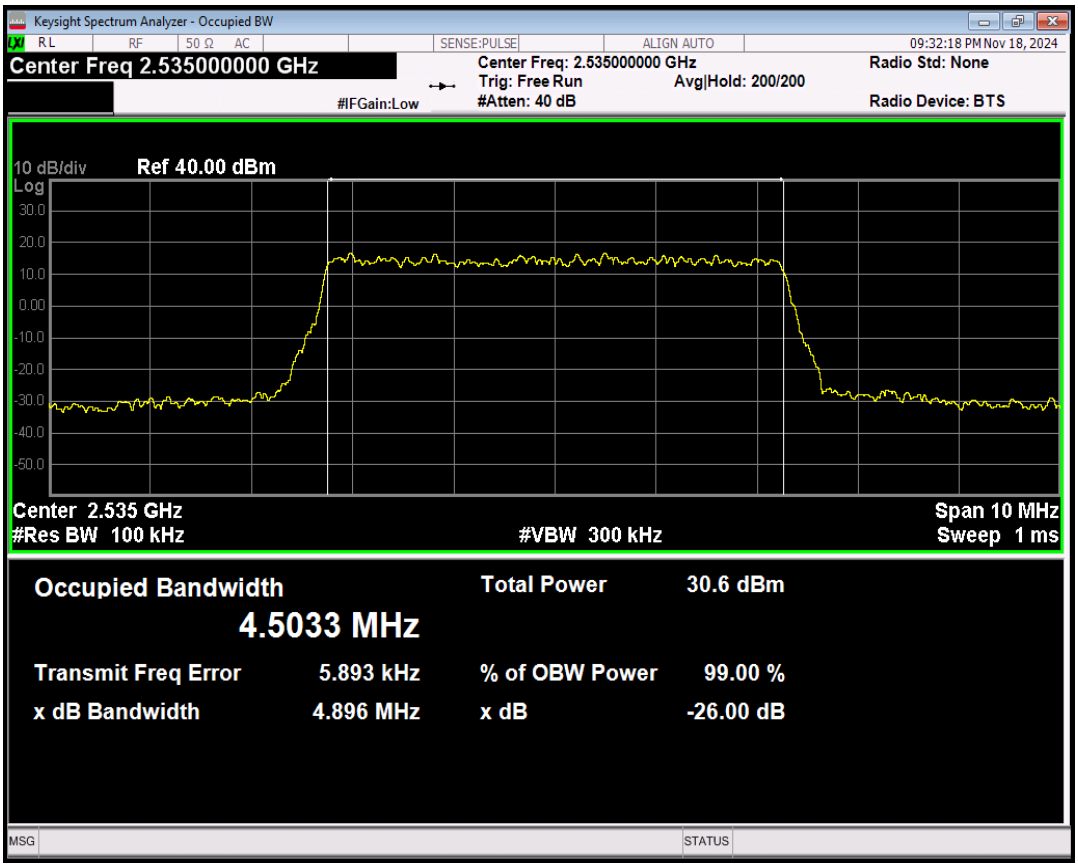
Band5 16QAM BW=10MHz Channel=20525 RB Size=50 Position=#0



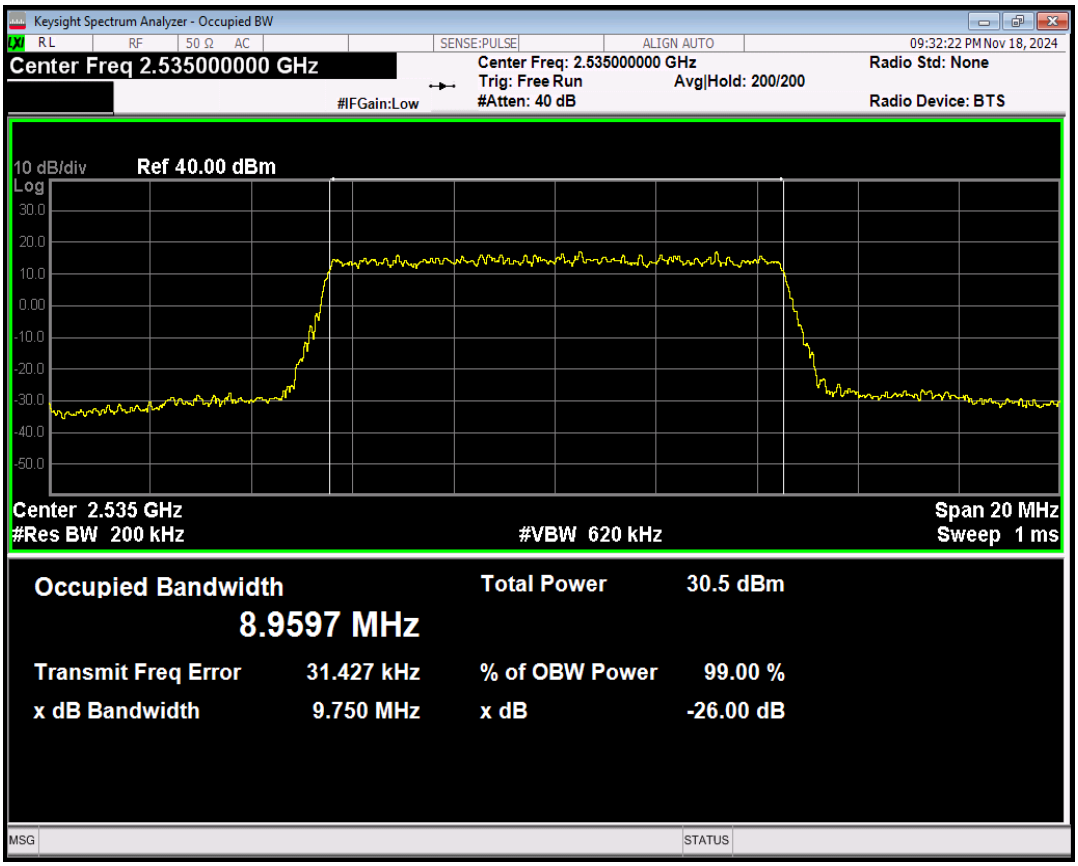
Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0



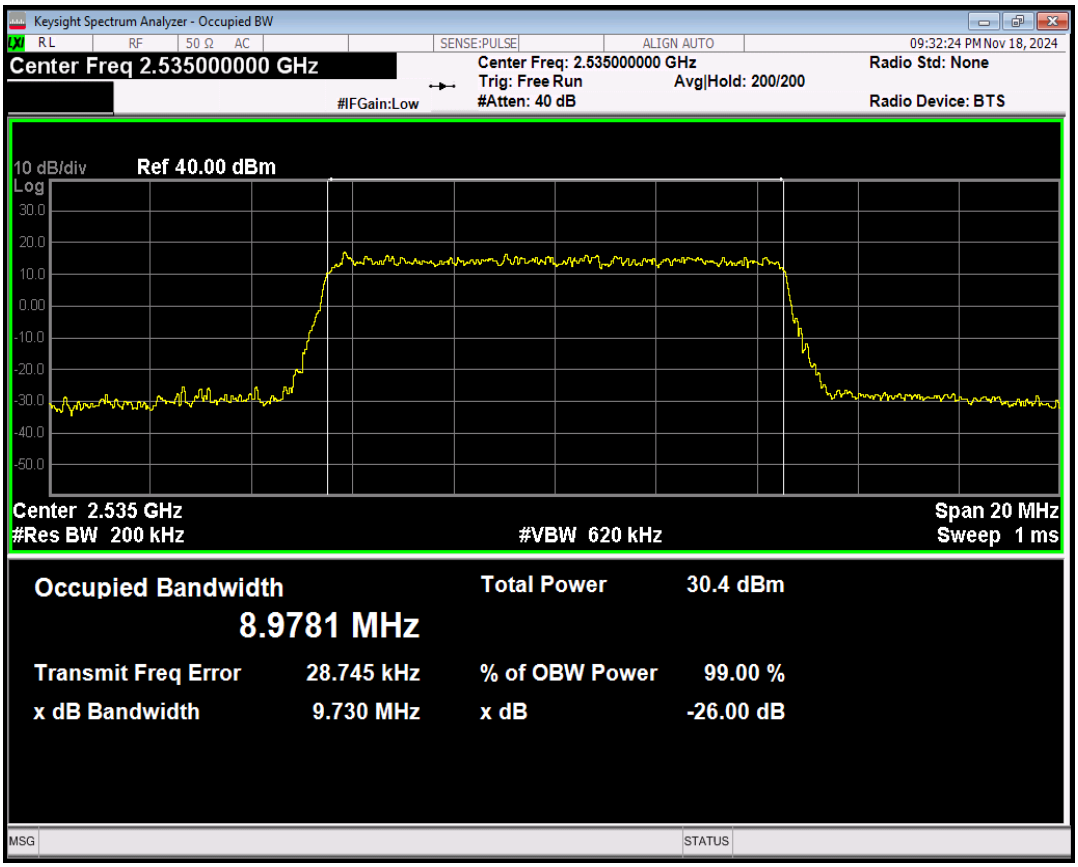
Band7 16QAM BW=5MHz Channel=21100 RB Size=25 Position=#0



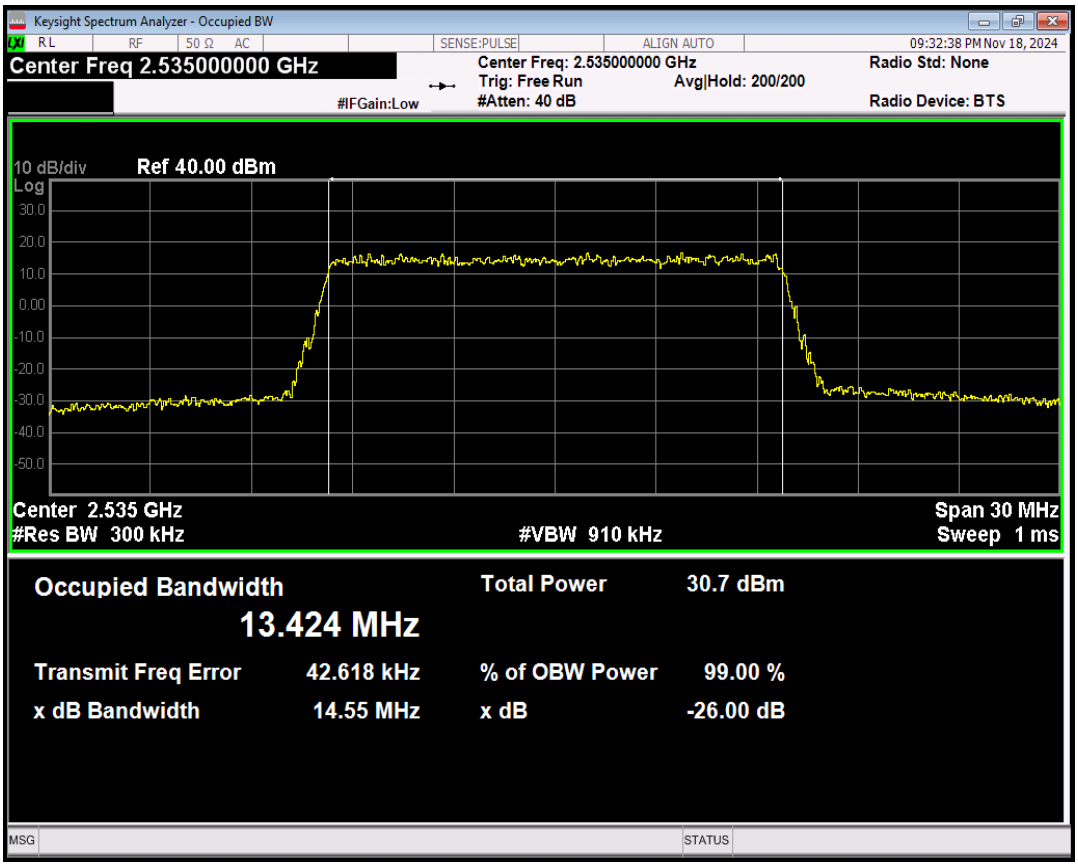
Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0



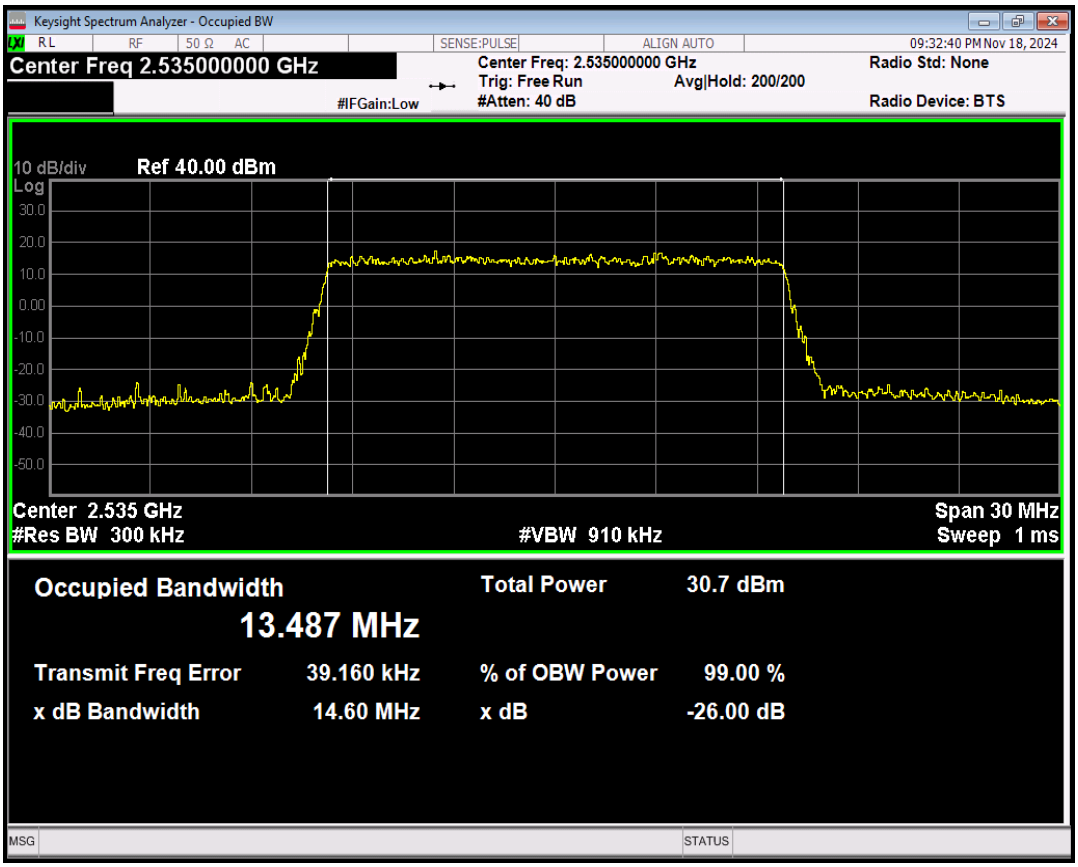
Band7 16QAM BW=10MHz Channel=21100 RB Size=50 Position=#0



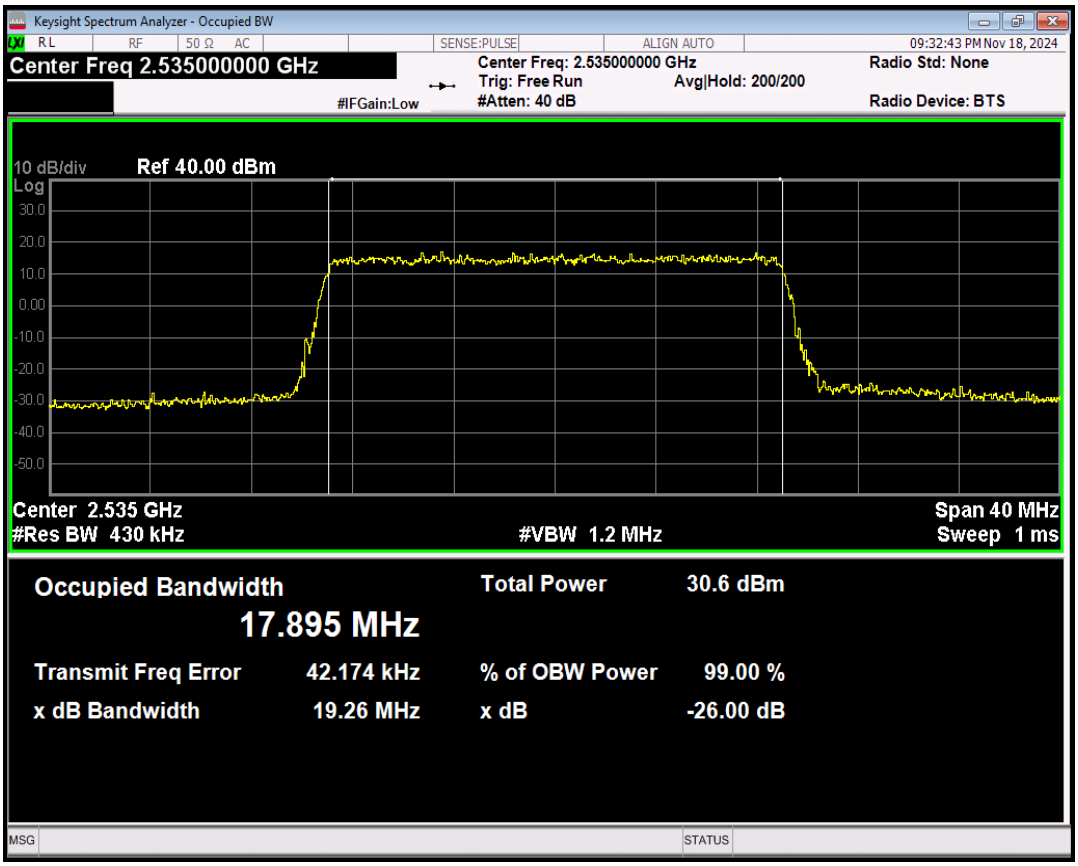
Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0



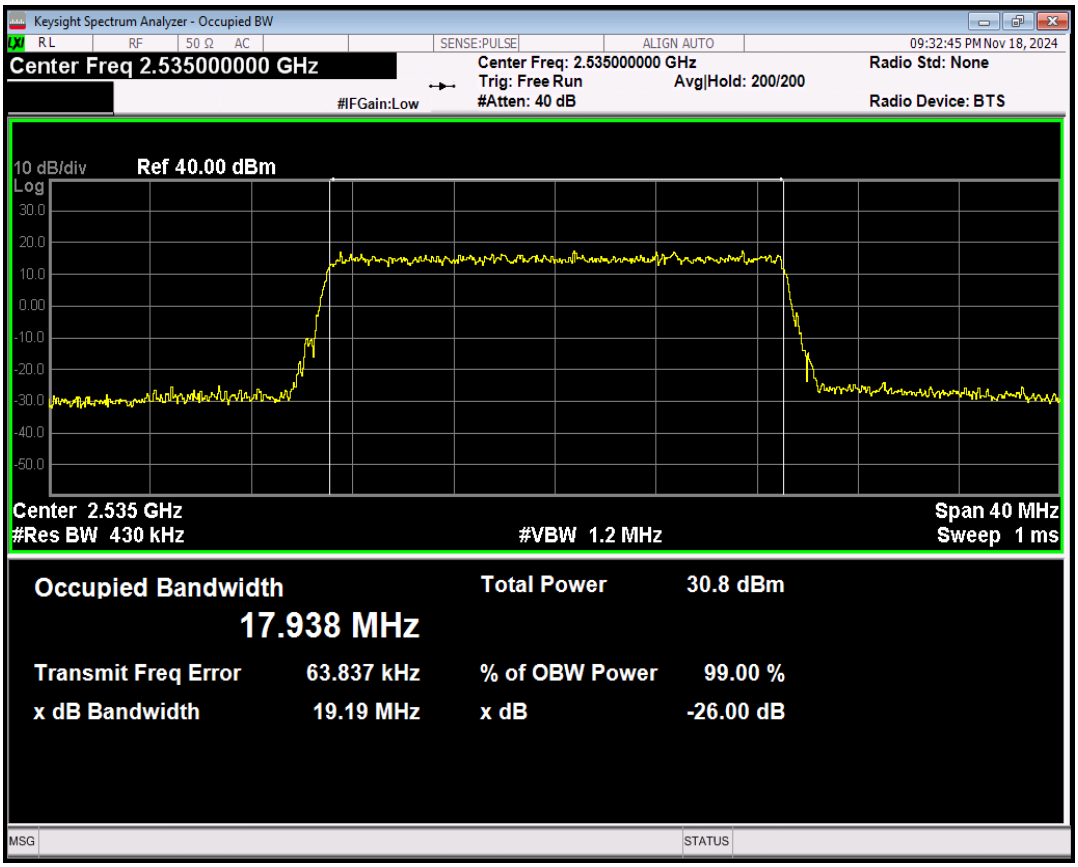
Band7 16QAM BW=15MHz Channel=21100 RB Size=75 Position=#0



Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0



Band7 16QAM BW=20MHz Channel=21100 RB Size=100 Position=#0



05 Band edge

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band12	1.4	23017	1	#0	QPSK	699.00	-20.60	-13	PASS
Band12	1.4	23017	1	#Max	QPSK	698.36	-40.61	-13	PASS
Band12	1.4	23017	6	#0	QPSK	699.00	-26.45	-13	PASS
Band12	1.4	23017	1	#0	16QAM	699.00	-18.87	-13	PASS
Band12	1.4	23017	1	#Max	16QAM	698.35	-39.98	-13	PASS
Band12	1.4	23017	6	#0	16QAM	698.82	-25.82	-13	PASS
Band12	1.4	23173	1	#0	QPSK	716.64	-42.41	-13	PASS
Band12	1.4	23173	1	#Max	QPSK	716.01	-22.18	-13	PASS
Band12	1.4	23173	6	#0	QPSK	716.00	-27.26	-13	PASS
Band12	1.4	23173	1	#0	16QAM	716.64	-41.72	-13	PASS
Band12	1.4	23173	1	#Max	16QAM	716.00	-19.79	-13	PASS
Band12	1.4	23173	6	#0	16QAM	716.00	-26.85	-13	PASS
Band12	3	23025	1	#0	QPSK	699.00	-20.14	-13	PASS
Band12	3	23025	1	#Max	QPSK	698.86	-38.93	-13	PASS
Band12	3	23025	15	#0	QPSK	699.00	-30.24	-13	PASS
Band12	3	23025	1	#0	16QAM	689.03	-54.61	-13	PASS
Band12	3	23025	1	#Max	16QAM	698.90	-38.35	-13	PASS
Band12	3	23025	15	#0	16QAM	698.44	-27.94	-13	PASS
Band12	3	23165	1	#0	QPSK	716.12	-41.14	-13	PASS
Band12	3	23165	1	#Max	QPSK	716.00	-20.87	-13	PASS

Band12	3	23165	15	#0	QPSK	716.00	-31.12	-13	PASS
Band12	3	23165	1	#0	16QAM	716.12	-40.12	-13	PASS
Band12	3	23165	1	#Max	16QAM	716.00	-20.82	-13	PASS
Band12	3	23165	15	#0	16QAM	716.00	-31.36	-13	PASS
Band12	5	23035	1	#0	QPSK	699.00	-21.67	-13	PASS
Band12	5	23035	1	#Max	QPSK	696.43	-41.42	-13	PASS
Band12	5	23035	25	#0	QPSK	699.00	-31.02	-13	PASS
Band12	5	23035	1	#0	16QAM	694.60	-54.59	-13	PASS
Band12	5	23035	1	#Max	16QAM	696.42	-41.05	-13	PASS
Band12	5	23035	25	#0	16QAM	698.90	-29.88	-13	PASS
Band12	5	23155	1	#0	QPSK	718.60	-46.29	-13	PASS
Band12	5	23155	1	#Max	QPSK	716.00	-22.26	-13	PASS
Band12	5	23155	25	#0	QPSK	716.04	-32.72	-13	PASS
Band12	5	23155	1	#0	16QAM	716.03	-42.10	-13	PASS
Band12	5	23155	1	#Max	16QAM	716.00	-20.22	-13	PASS
Band12	5	23155	25	#0	16QAM	716.11	-32.64	-13	PASS
Band12	10	23060	1	#0	QPSK	699.00	-26.56	-13	PASS
Band12	10	23060	1	#Max	QPSK	693.83	-46.32	-13	PASS
Band12	10	23060	50	#0	QPSK	698.89	-37.39	-13	PASS
Band12	10	23060	1	#0	16QAM	698.47	-26.05	-13	PASS
Band12	10	23060	1	#Max	16QAM	698.85	-40.21	-13	PASS
Band12	10	23060	50	#0	16QAM	698.90	-34.83	-13	PASS
Band12	10	23130	1	#0	QPSK	718.27	-48.24	-13	PASS
Band12	10	23130	1	#Max	QPSK	716.11	-24.20	-13	PASS
Band12	10	23130	50	#0	QPSK	716.26	-36.56	-13	PASS
Band12	10	23130	1	#0	16QAM	716.12	-47.99	-13	PASS
Band12	10	23130	1	#Max	16QAM	716.11	-26.26	-13	PASS
Band12	10	23130	50	#0	16QAM	716.17	-35.70	-13	PASS
Band13	5	23205	1	#0	QPSK	776.90	-19.57	-13	PASS
Band13	5	23205	1	#Max	QPSK	774.42	-53.31	-35	PASS
Band13	5	23205	25	#0	QPSK	774.95	-45.09	-35	PASS
Band13	5	23205	1	#0	16QAM	777.00	-21.00	-13	PASS
Band13	5	23205	1	#Max	16QAM	774.41	-53.38	-35	PASS
Band13	5	23205	25	#0	16QAM	775.00	-43.69	-35	PASS
Band13	5	23255	1	#0	QPSK	797.60	-65.68	-35	PASS
Band13	5	23255	1	#Max	QPSK	787.00	-22.70	-13	PASS
Band13	5	23255	25	#0	QPSK	787.02	-33.10	-13	PASS
Band13	5	23255	1	#0	16QAM	793.50	-65.75	-35	PASS
Band13	5	23255	1	#Max	16QAM	787.03	-23.60	-13	PASS
Band13	5	23255	25	#0	16QAM	787.24	-32.61	-13	PASS
Band13	10	23230	1	#0	QPSK	776.87	-23.60	-13	PASS
Band13	10	23230	1	#Max	QPSK	787.15	-25.45	-13	PASS
Band13	10	23230	50	#0	QPSK	774.99	-48.56	-35	PASS
Band13	10	23230	1	#0	16QAM	776.85	-21.41	-13	PASS

Band13	10	23230	1	#Max	16QAM	787.03	-28.02	-13	PASS
Band13	10	23230	50	#0	16QAM	774.93	-47.81	-35	PASS
Band17	5	23755	1	#0	QPSK	704.00	-20.17	-13	PASS
Band17	5	23755	1	#Max	QPSK	701.41	-47.88	-13	PASS
Band17	5	23755	25	#0	QPSK	704.00	-30.62	-13	PASS
Band17	5	23755	1	#0	16QAM	704.00	-19.66	-13	PASS
Band17	5	23755	1	#Max	16QAM	701.40	-48.31	-13	PASS
Band17	5	23755	25	#0	16QAM	703.99	-33.36	-13	PASS
Band17	5	23825	1	#0	QPSK	718.60	-47.20	-13	PASS
Band17	5	23825	1	#Max	QPSK	716.00	-20.39	-13	PASS
Band17	5	23825	25	#0	QPSK	716.00	-32.10	-13	PASS
Band17	5	23825	1	#0	16QAM	718.59	-46.19	-13	PASS
Band17	5	23825	1	#Max	16QAM	716.05	-20.85	-13	PASS
Band17	5	23825	25	#0	16QAM	716.00	-31.47	-13	PASS
Band19	5	24025	1	#0	QPSK	830.00	-20.46	-13	PASS
Band19	5	24025	1	#Max	QPSK	825.98	-29.94	-13	PASS
Band19	5	24025	25	#0	QPSK	830.00	-32.29	-13	PASS
Band19	5	24025	1	#0	16QAM	830.00	-18.91	-13	PASS
Band19	5	24025	1	#Max	16QAM	826.08	-30.32	-13	PASS
Band19	5	24025	25	#0	16QAM	830.00	-32.73	-13	PASS
Band19	5	24125	1	#0	QPSK	848.92	-29.02	-13	PASS
Band19	5	24125	1	#Max	QPSK	845.00	-21.66	-13	PASS
Band19	5	24125	25	#0	QPSK	845.02	-33.12	-13	PASS
Band19	5	24125	1	#0	16QAM	849.01	-29.11	-13	PASS
Band19	5	24125	1	#Max	16QAM	845.00	-19.19	-13	PASS
Band19	5	24125	25	#0	16QAM	845.00	-31.57	-13	PASS
Band19	10	24050	1	#0	QPSK	830.00	-21.40	-13	PASS
Band19	10	24050	1	#Max	QPSK	821.76	-25.88	-13	PASS
Band19	10	24050	50	#0	QPSK	830.00	-36.77	-13	PASS
Band19	10	24050	1	#0	16QAM	830.00	-23.34	-13	PASS
Band19	10	24050	1	#Max	16QAM	821.76	-27.47	-13	PASS
Band19	10	24050	50	#0	16QAM	829.94	-35.63	-13	PASS
Band19	10	24100	1	#0	QPSK	853.22	-31.10	-13	PASS
Band19	10	24100	1	#Max	QPSK	845.00	-21.26	-13	PASS
Band19	10	24100	50	#0	QPSK	845.00	-33.92	-13	PASS
Band19	10	24100	1	#0	16QAM	853.22	-31.76	-13	PASS
Band19	10	24100	1	#Max	16QAM	845.00	-19.72	-13	PASS
Band19	10	24100	50	#0	16QAM	845.00	-34.70	-13	PASS
Band19	15	24075	1	#0	QPSK	830.00	-27.31	-13	PASS
Band19	15	24075	1	#Max	QPSK	817.55	-26.00	-13	PASS
Band19	15	24075	75	#0	QPSK	830.00	-37.08	-13	PASS
Band19	15	24075	1	#0	16QAM	829.91	-25.90	-13	PASS
Band19	15	24075	1	#Max	16QAM	817.52	-26.80	-13	PASS
Band19	15	24075	75	#0	16QAM	830.00	-35.83	-13	PASS

Band2	1.4	18607	1	#0	QPSK	1850.00	-25.80	-13	PASS
Band2	1.4	18607	1	#Max	QPSK	1849.35	-50.00	-13	PASS
Band2	1.4	18607	6	#0	QPSK	1849.99	-29.84	-13	PASS
Band2	1.4	18607	1	#0	16QAM	1850.00	-25.29	-13	PASS
Band2	1.4	18607	1	#Max	16QAM	1849.36	-49.49	-13	PASS
Band2	1.4	18607	6	#0	16QAM	1850.00	-27.98	-13	PASS
Band2	1.4	19193	1	#0	QPSK	1910.63	-50.10	-13	PASS
Band2	1.4	19193	1	#Max	QPSK	1910.00	-25.19	-13	PASS
Band2	1.4	19193	6	#0	QPSK	1910.00	-32.84	-13	PASS
Band2	1.4	19193	1	#0	16QAM	1910.64	-49.17	-13	PASS
Band2	1.4	19193	1	#Max	16QAM	1910.02	-25.73	-13	PASS
Band2	1.4	19193	6	#0	16QAM	1910.00	-29.96	-13	PASS
Band2	3	18615	1	#0	QPSK	1850.00	-22.00	-13	PASS
Band2	3	18615	1	#Max	QPSK	1849.89	-47.57	-13	PASS
Band2	3	18615	15	#0	QPSK	1850.00	-31.00	-13	PASS
Band2	3	18615	1	#0	16QAM	1849.99	-21.20	-13	PASS
Band2	3	18615	1	#Max	16QAM	1849.89	-46.83	-13	PASS
Band2	3	18615	15	#0	16QAM	1850.00	-28.81	-13	PASS
Band2	3	19185	1	#0	QPSK	1910.11	-47.43	-13	PASS
Band2	3	19185	1	#Max	QPSK	1910.00	-21.25	-13	PASS
Band2	3	19185	15	#0	QPSK	1910.01	-32.93	-13	PASS
Band2	3	19185	1	#0	16QAM	1910.10	-46.27	-13	PASS
Band2	3	19185	1	#Max	16QAM	1910.01	-21.66	-13	PASS
Band2	3	19185	15	#0	16QAM	1910.00	-31.04	-13	PASS
Band2	5	18625	1	#0	QPSK	1849.96	-22.74	-13	PASS
Band2	5	18625	1	#Max	QPSK	1847.42	-47.84	-13	PASS
Band2	5	18625	25	#0	QPSK	1849.97	-32.31	-13	PASS
Band2	5	18625	1	#0	16QAM	1850.00	-19.72	-13	PASS
Band2	5	18625	1	#Max	16QAM	1847.41	-48.18	-13	PASS
Band2	5	18625	25	#0	16QAM	1849.99	-29.00	-13	PASS
Band2	5	19175	1	#0	QPSK	1912.59	-48.19	-13	PASS
Band2	5	19175	1	#Max	QPSK	1910.00	-19.97	-13	PASS
Band2	5	19175	25	#0	QPSK	1910.08	-33.20	-13	PASS
Band2	5	19175	1	#0	16QAM	1912.60	-48.36	-13	PASS
Band2	5	19175	1	#Max	16QAM	1910.00	-20.86	-13	PASS
Band2	5	19175	25	#0	16QAM	1910.02	-31.40	-13	PASS
Band2	10	18650	1	#0	QPSK	1850.00	-22.43	-13	PASS
Band2	10	18650	1	#Max	QPSK	1844.82	-46.01	-13	PASS
Band2	10	18650	50	#0	QPSK	1850.00	-34.03	-13	PASS
Band2	10	18650	1	#0	16QAM	1850.00	-23.11	-13	PASS
Band2	10	18650	1	#Max	16QAM	1844.82	-45.18	-13	PASS
Band2	10	18650	50	#0	16QAM	1849.90	-31.87	-13	PASS
Band2	10	19150	1	#0	QPSK	1915.18	-46.99	-13	PASS
Band2	10	19150	1	#Max	QPSK	1910.00	-23.56	-13	PASS

Band2	10	19150	50	#0	QPSK	1910.06	-32.45	-13	PASS
Band2	10	19150	1	#0	16QAM	1915.20	-45.98	-13	PASS
Band2	10	19150	1	#Max	16QAM	1910.00	-23.86	-13	PASS
Band2	10	19150	50	#0	16QAM	1910.02	-30.34	-13	PASS
Band2	15	18675	1	#0	QPSK	1850.00	-23.09	-13	PASS
Band2	15	18675	1	#Max	QPSK	1847.39	-46.70	-13	PASS
Band2	15	18675	75	#0	QPSK	1849.94	-33.50	-13	PASS
Band2	15	18675	1	#0	16QAM	1850.00	-25.27	-13	PASS
Band2	15	18675	1	#Max	16QAM	1847.36	-45.59	-13	PASS
Band2	15	18675	75	#0	16QAM	1849.82	-31.75	-13	PASS
Band2	15	19125	1	#0	QPSK	1912.64	-46.47	-13	PASS
Band2	15	19125	1	#Max	QPSK	1910.00	-26.86	-13	PASS
Band2	15	19125	75	#0	QPSK	1910.00	-32.52	-13	PASS
Band2	15	19125	1	#0	16QAM	1912.70	-46.33	-13	PASS
Band2	15	19125	1	#Max	16QAM	1910.00	-24.41	-13	PASS
Band2	15	19125	75	#0	16QAM	1910.00	-30.42	-13	PASS
Band2	20	18700	1	#0	QPSK	1849.92	-31.79	-13	PASS
Band2	20	18700	1	#Max	QPSK	1839.72	-44.03	-13	PASS
Band2	20	18700	100	#0	QPSK	1849.88	-33.43	-13	PASS
Band2	20	18700	1	#0	16QAM	1849.88	-28.83	-13	PASS
Band2	20	18700	1	#Max	16QAM	1839.68	-43.73	-13	PASS
Band2	20	18700	100	#0	16QAM	1849.80	-31.03	-13	PASS
Band2	20	19100	1	#0	QPSK	1910.28	-47.75	-13	PASS
Band2	20	19100	1	#Max	QPSK	1910.08	-28.48	-13	PASS
Band2	20	19100	100	#0	QPSK	1910.48	-34.12	-13	PASS
Band2	20	19100	1	#0	16QAM	1910.20	-47.35	-13	PASS
Band2	20	19100	1	#Max	16QAM	1910.00	-26.04	-13	PASS
Band2	20	19100	100	#0	16QAM	1910.20	-30.84	-13	PASS
Band25	1.4	26047	1	#0	QPSK	1850.00	-22.86	-13	PASS
Band25	1.4	26047	1	#Max	QPSK	1849.35	-47.15	-13	PASS
Band25	1.4	26047	6	#0	QPSK	1850.00	-26.90	-13	PASS
Band25	1.4	26047	1	#0	16QAM	1849.99	-22.41	-13	PASS
Band25	1.4	26047	1	#Max	16QAM	1849.36	-47.35	-13	PASS
Band25	1.4	26047	6	#0	16QAM	1849.99	-25.56	-13	PASS
Band25	1.4	26683	1	#0	QPSK	1915.64	-48.31	-13	PASS
Band25	1.4	26683	1	#Max	QPSK	1915.01	-23.84	-13	PASS
Band25	1.4	26683	6	#0	QPSK	1915.00	-26.81	-13	PASS
Band25	1.4	26683	1	#0	16QAM	1915.64	-47.96	-13	PASS
Band25	1.4	26683	1	#Max	16QAM	1915.00	-21.66	-13	PASS
Band25	1.4	26683	6	#0	16QAM	1915.02	-24.41	-13	PASS
Band25	3	26055	1	#0	QPSK	1849.99	-21.26	-13	PASS
Band25	3	26055	1	#Max	QPSK	1849.91	-44.68	-13	PASS
Band25	3	26055	15	#0	QPSK	1850.00	-28.63	-13	PASS
Band25	3	26055	1	#0	16QAM	1850.00	-18.77	-13	PASS

Band25	3	26055	1	#Max	16QAM	1849.91	-44.58	-13	PASS
Band25	3	26055	15	#0	16QAM	1849.97	-26.51	-13	PASS
Band25	3	26675	1	#0	QPSK	1915.10	-45.25	-13	PASS
Band25	3	26675	1	#Max	QPSK	1915.00	-20.93	-13	PASS
Band25	3	26675	15	#0	QPSK	1915.00	-27.86	-13	PASS
Band25	3	26675	1	#0	16QAM	1915.09	-45.02	-13	PASS
Band25	3	26675	1	#Max	16QAM	1915.00	-20.43	-13	PASS
Band25	3	26675	15	#0	16QAM	1915.00	-26.08	-13	PASS
Band25	5	26065	1	#0	QPSK	1849.99	-18.64	-13	PASS
Band25	5	26065	1	#Max	QPSK	1847.42	-45.90	-13	PASS
Band25	5	26065	25	#0	QPSK	1849.94	-28.61	-13	PASS
Band25	5	26065	1	#0	16QAM	1850.00	-19.59	-13	PASS
Band25	5	26065	1	#Max	16QAM	1847.41	-45.23	-13	PASS
Band25	5	26065	25	#0	16QAM	1850.00	-27.15	-13	PASS
Band25	5	26665	1	#0	QPSK	1917.59	-48.16	-13	PASS
Band25	5	26665	1	#Max	QPSK	1915.00	-18.82	-13	PASS
Band25	5	26665	25	#0	QPSK	1915.00	-28.47	-13	PASS
Band25	5	26665	1	#0	16QAM	1917.58	-47.33	-13	PASS
Band25	5	26665	1	#Max	16QAM	1915.00	-19.94	-13	PASS
Band25	5	26665	25	#0	16QAM	1915.01	-26.00	-13	PASS
Band25	10	26090	1	#0	QPSK	1850.00	-23.02	-13	PASS
Band25	10	26090	1	#Max	QPSK	1844.84	-43.95	-13	PASS
Band25	10	26090	50	#0	QPSK	1849.86	-31.31	-13	PASS
Band25	10	26090	1	#0	16QAM	1850.00	-21.80	-13	PASS
Band25	10	26090	1	#Max	16QAM	1844.84	-43.47	-13	PASS
Band25	10	26090	50	#0	16QAM	1849.94	-28.42	-13	PASS
Band25	10	26640	1	#0	QPSK	1915.20	-47.84	-13	PASS
Band25	10	26640	1	#Max	QPSK	1915.02	-21.40	-13	PASS
Band25	10	26640	50	#0	QPSK	1915.00	-30.04	-13	PASS
Band25	10	26640	1	#0	16QAM	1915.26	-47.73	-13	PASS
Band25	10	26640	1	#Max	16QAM	1915.00	-21.50	-13	PASS
Band25	10	26640	50	#0	16QAM	1915.18	-28.48	-13	PASS
Band25	15	26115	1	#0	QPSK	1849.97	-27.09	-13	PASS
Band25	15	26115	1	#Max	QPSK	1847.36	-43.98	-13	PASS
Band25	15	26115	75	#0	QPSK	1849.94	-30.87	-13	PASS
Band25	15	26115	1	#0	16QAM	1850.00	-21.93	-13	PASS
Band25	15	26115	1	#Max	16QAM	1847.36	-44.05	-13	PASS
Band25	15	26115	75	#0	16QAM	1849.88	-29.26	-13	PASS
Band25	15	26615	1	#0	QPSK	1917.70	-45.11	-13	PASS
Band25	15	26615	1	#Max	QPSK	1915.00	-25.97	-13	PASS
Band25	15	26615	75	#0	QPSK	1915.03	-30.63	-13	PASS
Band25	15	26615	1	#0	16QAM	1917.67	-45.41	-13	PASS
Band25	15	26615	1	#Max	16QAM	1915.00	-25.72	-13	PASS
Band25	15	26615	75	#0	16QAM	1915.18	-28.98	-13	PASS

Band25	20	26140	1	#0	QPSK	1849.76	-31.00	-13	PASS
Band25	20	26140	1	#Max	QPSK	1839.72	-42.22	-13	PASS
Band25	20	26140	100	#0	QPSK	1849.92	-30.76	-13	PASS
Band25	20	26140	1	#0	16QAM	1850.00	-29.56	-13	PASS
Band25	20	26140	1	#Max	16QAM	1839.68	-42.07	-13	PASS
Band25	20	26140	100	#0	16QAM	1850.00	-28.14	-13	PASS
Band25	20	26590	1	#0	QPSK	1915.32	-46.05	-13	PASS
Band25	20	26590	1	#Max	QPSK	1915.04	-25.48	-13	PASS
Band25	20	26590	100	#0	QPSK	1915.28	-30.34	-13	PASS
Band25	20	26590	1	#0	16QAM	1915.20	-45.84	-13	PASS
Band25	20	26590	1	#Max	16QAM	1915.08	-27.27	-13	PASS
Band25	20	26590	100	#0	16QAM	1915.48	-29.03	-13	PASS
Band38	5	37775	1	#0	QPSK	2569.00	-13.22	-10	PASS
Band38	5	37775	1	#Max	QPSK	2562.33	-40.40	-25	PASS
Band38	5	37775	25	#0	QPSK	2563.32	-38.91	-25	PASS
Band38	5	37775	1	#0	16QAM	2569.00	-14.44	-10	PASS
Band38	5	37775	1	#Max	16QAM	2561.38	-40.43	-25	PASS
Band38	5	37775	25	#0	16QAM	2563.22	-38.63	-25	PASS
Band38	5	38225	1	#0	QPSK	2627.48	-39.90	-25	PASS
Band38	5	38225	1	#Max	QPSK	2621.02	-14.58	-10	PASS
Band38	5	38225	25	#0	QPSK	2626.31	-38.39	-25	PASS
Band38	5	38225	1	#0	16QAM	2626.41	-40.37	-25	PASS
Band38	5	38225	1	#Max	16QAM	2621.00	-14.61	-10	PASS
Band38	5	38225	25	#0	16QAM	2626.74	-38.19	-25	PASS
Band38	10	37800	1	#0	QPSK	2568.98	-22.98	-10	PASS
Band38	10	37800	1	#Max	QPSK	2558.23	-40.90	-25	PASS
Band38	10	37800	50	#0	QPSK	2559.17	-39.37	-25	PASS
Band38	10	37800	1	#0	16QAM	2569.00	-24.24	-10	PASS
Band38	10	37800	1	#Max	16QAM	2559.96	-41.16	-25	PASS
Band38	10	37800	50	#0	16QAM	2560.00	-40.64	-25	PASS
Band38	10	38200	1	#0	QPSK	2630.36	-40.52	-25	PASS
Band38	10	38200	1	#Max	QPSK	2620.01	-23.85	-10	PASS
Band38	10	38200	50	#0	QPSK	2631.94	-40.00	-25	PASS
Band38	10	38200	1	#0	16QAM	2630.40	-40.47	-25	PASS
Band38	10	38200	1	#Max	16QAM	2621.08	-23.13	-10	PASS
Band38	10	38200	50	#0	16QAM	2631.35	-40.47	-25	PASS
Band38	15	37825	1	#0	QPSK	2569.95	-25.67	-10	PASS
Band38	15	37825	1	#Max	QPSK	2554.90	-41.06	-25	PASS
Band38	15	37825	75	#0	QPSK	2552.15	-40.76	-25	PASS
Band38	15	37825	1	#0	16QAM	2569.96	-25.55	-10	PASS
Band38	15	37825	1	#Max	16QAM	2552.01	-41.06	-25	PASS
Band38	15	37825	75	#0	16QAM	2553.43	-40.85	-25	PASS
Band38	15	38175	1	#0	QPSK	2636.07	-40.52	-25	PASS
Band38	15	38175	1	#Max	QPSK	2638.65	-40.45	-25	PASS

Band38	15	38175	75	#0	QPSK	2636.07	-40.12	-25	PASS
Band38	15	38175	1	#0	16QAM	2637.61	-40.53	-25	PASS
Band38	15	38175	1	#Max	16QAM	2635.38	-40.35	-25	PASS
Band38	15	38175	75	#0	16QAM	2637.17	-40.57	-25	PASS
Band38	20	37850	1	#0	QPSK	2545.34	-40.89	-25	PASS
Band38	20	37850	1	#Max	QPSK	2546.43	-41.09	-25	PASS
Band38	20	37850	100	#0	QPSK	2547.50	-41.03	-25	PASS
Band38	20	37850	1	#0	16QAM	2568.99	-24.89	-10	PASS
Band38	20	37850	1	#Max	16QAM	2548.44	-41.03	-25	PASS
Band38	20	37850	100	#0	16QAM	2548.77	-40.86	-25	PASS
Band38	20	38150	1	#0	QPSK	2644.91	-40.29	-25	PASS
Band38	20	38150	1	#Max	QPSK	2640.89	-40.46	-25	PASS
Band38	20	38150	100	#0	QPSK	2641.82	-40.53	-25	PASS
Band38	20	38150	1	#0	16QAM	2644.48	-40.46	-25	PASS
Band38	20	38150	1	#Max	16QAM	2642.09	-40.51	-25	PASS
Band38	20	38150	100	#0	16QAM	2640.27	-40.42	-25	PASS
Band4	1.4	19957	1	#0	QPSK	1710.00	-24.35	-13	PASS
Band4	1.4	19957	1	#Max	QPSK	1709.37	-47.90	-13	PASS
Band4	1.4	19957	6	#0	QPSK	1710.00	-31.68	-13	PASS
Band4	1.4	19957	1	#0	16QAM	1709.99	-25.24	-13	PASS
Band4	1.4	19957	1	#Max	16QAM	1709.35	-47.56	-13	PASS
Band4	1.4	19957	6	#0	16QAM	1709.99	-32.05	-13	PASS
Band4	1.4	20393	1	#0	QPSK	1755.65	-48.02	-13	PASS
Band4	1.4	20393	1	#Max	QPSK	1755.00	-24.57	-13	PASS
Band4	1.4	20393	6	#0	QPSK	1755.00	-30.70	-13	PASS
Band4	1.4	20393	1	#0	16QAM	1755.64	-46.43	-13	PASS
Band4	1.4	20393	1	#Max	16QAM	1755.00	-23.17	-13	PASS
Band4	1.4	20393	6	#0	16QAM	1755.00	-30.22	-13	PASS
Band4	3	19965	1	#0	QPSK	1709.99	-21.54	-13	PASS
Band4	3	19965	1	#Max	QPSK	1709.90	-45.08	-13	PASS
Band4	3	19965	15	#0	QPSK	1709.99	-34.53	-13	PASS
Band4	3	19965	1	#0	16QAM	1710.00	-19.71	-13	PASS
Band4	3	19965	1	#Max	16QAM	1709.91	-44.32	-13	PASS
Band4	3	19965	15	#0	16QAM	1710.00	-32.80	-13	PASS
Band4	3	20385	1	#0	QPSK	1755.11	-45.95	-13	PASS
Band4	3	20385	1	#Max	QPSK	1755.00	-19.27	-13	PASS
Band4	3	20385	15	#0	QPSK	1755.00	-32.72	-13	PASS
Band4	3	20385	1	#0	16QAM	1755.13	-44.16	-13	PASS
Band4	3	20385	1	#Max	16QAM	1755.00	-19.79	-13	PASS
Band4	3	20385	15	#0	16QAM	1755.00	-30.87	-13	PASS
Band4	5	19975	1	#0	QPSK	1709.99	-21.60	-13	PASS
Band4	5	19975	1	#Max	QPSK	1707.42	-45.73	-13	PASS
Band4	5	19975	25	#0	QPSK	1709.99	-32.55	-13	PASS
Band4	5	19975	1	#0	16QAM	1710.00	-21.53	-13	PASS

Band4	5	19975	1	#Max	16QAM	1707.42	-45.62	-13	PASS
Band4	5	19975	25	#0	16QAM	1709.99	-30.73	-13	PASS
Band4	5	20375	1	#0	QPSK	1757.59	-46.95	-13	PASS
Band4	5	20375	1	#Max	QPSK	1755.00	-18.52	-13	PASS
Band4	5	20375	25	#0	QPSK	1755.07	-33.76	-13	PASS
Band4	5	20375	1	#0	16QAM	1757.58	-45.40	-13	PASS
Band4	5	20375	1	#Max	16QAM	1755.01	-19.20	-13	PASS
Band4	5	20375	25	#0	16QAM	1755.00	-30.57	-13	PASS
Band4	10	20000	1	#0	QPSK	1710.00	-22.39	-13	PASS
Band4	10	20000	1	#Max	QPSK	1704.82	-44.16	-13	PASS
Band4	10	20000	50	#0	QPSK	1710.00	-35.70	-13	PASS
Band4	10	20000	1	#0	16QAM	1710.00	-23.20	-13	PASS
Band4	10	20000	1	#Max	16QAM	1704.82	-43.67	-13	PASS
Band4	10	20000	50	#0	16QAM	1710.00	-35.69	-13	PASS
Band4	10	20350	1	#0	QPSK	1760.18	-43.76	-13	PASS
Band4	10	20350	1	#Max	QPSK	1755.02	-23.09	-13	PASS
Band4	10	20350	50	#0	QPSK	1755.00	-35.72	-13	PASS
Band4	10	20350	1	#0	16QAM	1760.18	-42.67	-13	PASS
Band4	10	20350	1	#Max	16QAM	1755.00	-20.30	-13	PASS
Band4	10	20350	50	#0	16QAM	1755.00	-32.70	-13	PASS
Band4	15	20025	1	#0	QPSK	1710.00	-25.19	-13	PASS
Band4	15	20025	1	#Max	QPSK	1707.36	-44.86	-13	PASS
Band4	15	20025	75	#0	QPSK	1709.85	-36.92	-13	PASS
Band4	15	20025	1	#0	16QAM	1710.00	-22.44	-13	PASS
Band4	15	20025	1	#Max	16QAM	1707.36	-44.64	-13	PASS
Band4	15	20025	75	#0	16QAM	1709.94	-34.15	-13	PASS
Band4	15	20325	1	#0	QPSK	1757.70	-43.58	-13	PASS
Band4	15	20325	1	#Max	QPSK	1755.06	-25.68	-13	PASS
Band4	15	20325	75	#0	QPSK	1755.33	-37.71	-13	PASS
Band4	15	20325	1	#0	16QAM	1757.67	-43.40	-13	PASS
Band4	15	20325	1	#Max	16QAM	1755.00	-22.50	-13	PASS
Band4	15	20325	75	#0	16QAM	1755.03	-33.97	-13	PASS
Band4	20	20050	1	#0	QPSK	1710.00	-25.61	-13	PASS
Band4	20	20050	1	#Max	QPSK	1699.72	-42.92	-13	PASS
Band4	20	20050	100	#0	QPSK	1709.88	-37.97	-13	PASS
Band4	20	20050	1	#0	16QAM	1709.92	-26.91	-13	PASS
Band4	20	20050	1	#Max	16QAM	1699.72	-43.33	-13	PASS
Band4	20	20050	100	#0	16QAM	1710.00	-33.92	-13	PASS
Band4	20	20300	1	#0	QPSK	1765.36	-41.28	-13	PASS
Band4	20	20300	1	#Max	QPSK	1755.20	-29.02	-13	PASS
Band4	20	20300	100	#0	QPSK	1755.04	-36.35	-13	PASS
Band4	20	20300	1	#0	16QAM	1765.36	-40.33	-13	PASS
Band4	20	20300	1	#Max	16QAM	1755.00	-28.59	-13	PASS
Band4	20	20300	100	#0	16QAM	1755.16	-34.56	-13	PASS

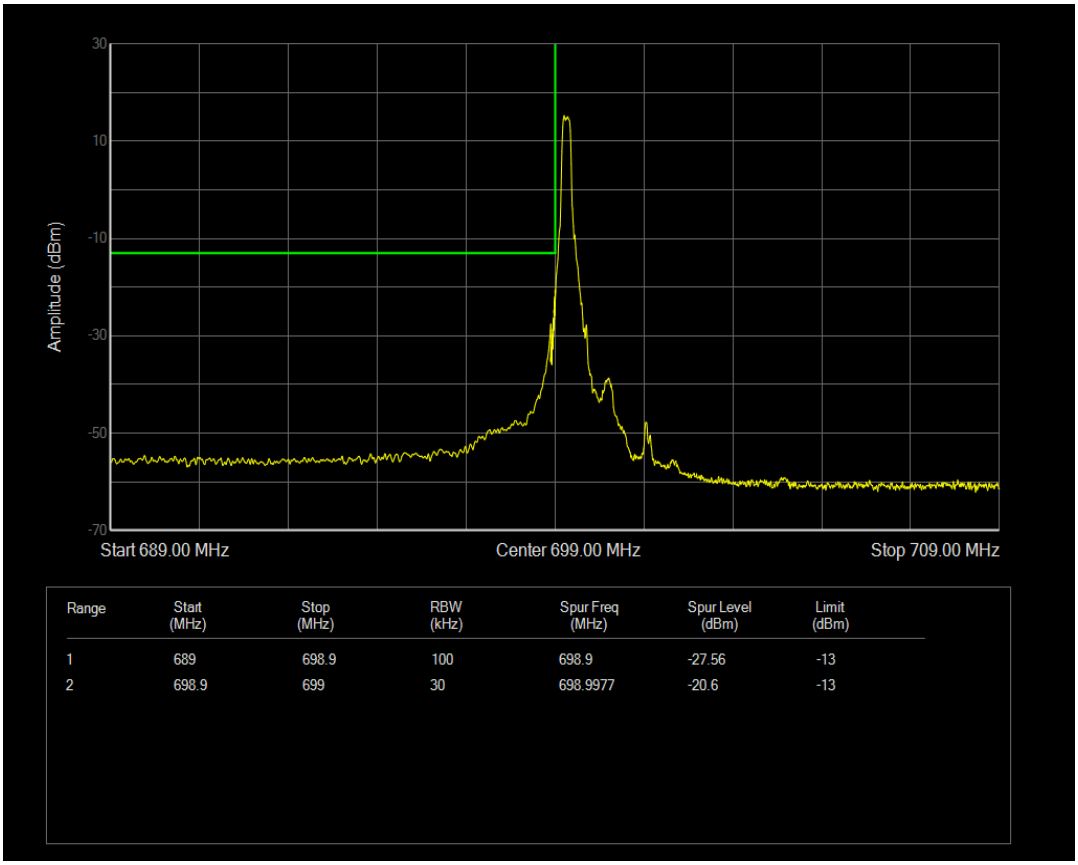
Band41	5	39675	1	#0	QPSK	2495.00	-15.47	-13	PASS
Band41	5	39675	1	#Max	QPSK	2489.71	-40.38	-25	PASS
Band41	5	39675	25	#0	QPSK	2494.99	-25.53	-13	PASS
Band41	5	39675	1	#0	16QAM	2495.00	-14.21	-13	PASS
Band41	5	39675	1	#Max	16QAM	2487.72	-40.99	-25	PASS
Band41	5	39675	25	#0	16QAM	2488.94	-39.18	-25	PASS
Band41	5	41565	1	#0	QPSK	2696.59	-40.02	-25	PASS
Band41	5	41565	1	#Max	QPSK	2691.01	-14.68	-10	PASS
Band41	5	41565	25	#0	QPSK	2696.47	-39.23	-25	PASS
Band41	5	41565	1	#0	16QAM	2696.05	-40.75	-25	PASS
Band41	5	41565	1	#Max	16QAM	2691.00	-15.61	-10	PASS
Band41	5	41565	25	#0	16QAM	2696.48	-38.51	-25	PASS
Band41	10	39700	1	#0	QPSK	2495.00	-25.61	-13	PASS
Band41	10	39700	1	#Max	QPSK	2484.50	-41.10	-25	PASS
Band41	10	39700	50	#0	QPSK	2485.46	-39.77	-25	PASS
Band41	10	39700	1	#0	16QAM	2495.00	-25.20	-13	PASS
Band41	10	39700	1	#Max	16QAM	2483.77	-41.31	-25	PASS
Band41	10	39700	50	#0	16QAM	2485.82	-41.08	-25	PASS
Band41	10	41540	1	#0	QPSK	2701.72	-40.49	-25	PASS
Band41	10	41540	1	#Max	QPSK	2691.00	-24.84	-10	PASS
Band41	10	41540	50	#0	QPSK	2700.38	-40.42	-25	PASS
Band41	10	41540	1	#0	16QAM	2700.05	-41.04	-25	PASS
Band41	10	41540	1	#Max	16QAM	2691.22	-20.61	-10	PASS
Band41	10	41540	50	#0	16QAM	2701.53	-40.81	-25	PASS
Band41	15	39725	1	#0	QPSK	2494.87	-28.13	-13	PASS
Band41	15	39725	1	#Max	QPSK	2480.87	-41.13	-25	PASS
Band41	15	39725	75	#0	QPSK	2480.05	-40.96	-25	PASS
Band41	15	39725	1	#0	16QAM	2478.87	-40.85	-25	PASS
Band41	15	39725	1	#Max	16QAM	2480.08	-40.86	-25	PASS
Band41	15	39725	75	#0	16QAM	2480.49	-41.12	-25	PASS
Band41	15	41515	1	#0	QPSK	2706.18	-40.97	-25	PASS
Band41	15	41515	1	#Max	QPSK	2690.02	-25.34	-10	PASS
Band41	15	41515	75	#0	QPSK	2707.87	-40.94	-25	PASS
Band41	15	41515	1	#0	16QAM	2707.79	-40.93	-25	PASS
Band41	15	41515	1	#Max	16QAM	2690.04	-25.68	-10	PASS
Band41	15	41515	75	#0	16QAM	2705.53	-40.85	-25	PASS
Band41	20	39750	1	#0	QPSK	2471.64	-41.07	-25	PASS
Band41	20	39750	1	#Max	QPSK	2474.03	-40.92	-25	PASS
Band41	20	39750	100	#0	QPSK	2472.57	-41.02	-25	PASS
Band41	20	39750	1	#0	16QAM	2473.98	-41.06	-25	PASS
Band41	20	39750	1	#Max	16QAM	2471.63	-40.93	-25	PASS
Band41	20	39750	100	#0	16QAM	2473.30	-41.15	-25	PASS
Band41	20	41490	1	#0	QPSK	2710.70	-40.85	-25	PASS
Band41	20	41490	1	#Max	QPSK	2690.11	-25.74	-10	PASS

Band41	20	41490	100	#0	QPSK	2714.59	-41.10	-25	PASS
Band41	20	41490	1	#0	16QAM	2714.43	-41.04	-25	PASS
Band41	20	41490	1	#Max	16QAM	2691.14	-25.84	-10	PASS
Band41	20	41490	100	#0	16QAM	2711.49	-41.10	-25	PASS
Band5	1.4	20407	1	#0	QPSK	824.00	-24.67	-13	PASS
Band5	1.4	20407	1	#Max	QPSK	823.35	-48.14	-13	PASS
Band5	1.4	20407	6	#0	QPSK	824.00	-31.35	-13	PASS
Band5	1.4	20407	1	#0	16QAM	824.00	-22.90	-13	PASS
Band5	1.4	20407	1	#Max	16QAM	823.36	-47.13	-13	PASS
Band5	1.4	20407	6	#0	16QAM	823.99	-30.41	-13	PASS
Band5	1.4	20643	1	#0	QPSK	849.63	-48.80	-13	PASS
Band5	1.4	20643	1	#Max	QPSK	849.00	-25.33	-13	PASS
Band5	1.4	20643	6	#0	QPSK	849.00	-32.00	-13	PASS
Band5	1.4	20643	1	#0	16QAM	849.64	-47.32	-13	PASS
Band5	1.4	20643	1	#Max	16QAM	849.00	-25.53	-13	PASS
Band5	1.4	20643	6	#0	16QAM	849.01	-31.83	-13	PASS
Band5	3	20415	1	#0	QPSK	824.00	-22.07	-13	PASS
Band5	3	20415	1	#Max	QPSK	823.90	-45.14	-13	PASS
Band5	3	20415	15	#0	QPSK	823.99	-31.91	-13	PASS
Band5	3	20415	1	#0	16QAM	824.00	-19.21	-13	PASS
Band5	3	20415	1	#Max	16QAM	823.89	-44.76	-13	PASS
Band5	3	20415	15	#0	16QAM	824.00	-30.34	-13	PASS
Band5	3	20635	1	#0	QPSK	849.11	-44.92	-13	PASS
Band5	3	20635	1	#Max	QPSK	849.00	-21.46	-13	PASS
Band5	3	20635	15	#0	QPSK	849.00	-32.40	-13	PASS
Band5	3	20635	1	#0	16QAM	849.09	-44.91	-13	PASS
Band5	3	20635	1	#Max	16QAM	849.00	-20.48	-13	PASS
Band5	3	20635	15	#0	16QAM	849.00	-32.08	-13	PASS
Band5	5	20425	1	#0	QPSK	824.00	-21.63	-13	PASS
Band5	5	20425	1	#Max	QPSK	821.42	-46.12	-13	PASS
Band5	5	20425	25	#0	QPSK	823.99	-30.80	-13	PASS
Band5	5	20425	1	#0	16QAM	824.00	-17.75	-13	PASS
Band5	5	20425	1	#Max	16QAM	821.40	-46.32	-13	PASS
Band5	5	20425	25	#0	16QAM	824.00	-31.38	-13	PASS
Band5	5	20625	1	#0	QPSK	849.00	-49.07	-13	PASS
Band5	5	20625	1	#Max	QPSK	849.02	-20.10	-13	PASS
Band5	5	20625	25	#0	QPSK	849.00	-28.99	-13	PASS
Band5	5	20625	1	#0	16QAM	851.59	-48.03	-13	PASS
Band5	5	20625	1	#Max	16QAM	849.00	-18.18	-13	PASS
Band5	5	20625	25	#0	16QAM	849.00	-31.81	-13	PASS
Band5	10	20450	1	#0	QPSK	823.96	-23.72	-13	PASS
Band5	10	20450	1	#Max	QPSK	818.82	-44.66	-13	PASS
Band5	10	20450	50	#0	QPSK	824.00	-34.56	-13	PASS
Band5	10	20450	1	#0	16QAM	823.98	-20.10	-13	PASS

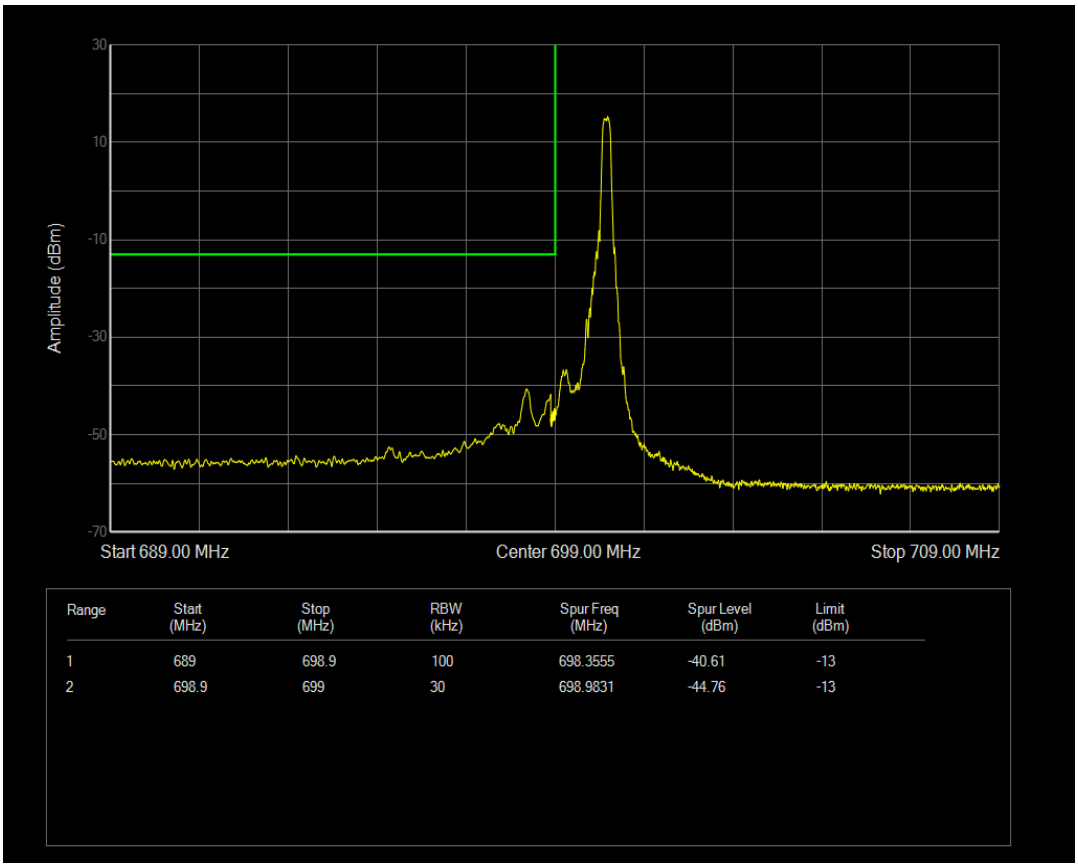
Band5	10	20450	1	#Max	16QAM	818.82	-43.72	-13	PASS
Band5	10	20450	50	#0	16QAM	824.00	-34.16	-13	PASS
Band5	10	20600	1	#0	QPSK	849.24	-48.49	-13	PASS
Band5	10	20600	1	#Max	QPSK	849.08	-22.81	-13	PASS
Band5	10	20600	50	#0	QPSK	849.00	-34.89	-13	PASS
Band5	10	20600	1	#0	16QAM	849.14	-47.58	-13	PASS
Band5	10	20600	1	#Max	16QAM	849.00	-22.65	-13	PASS
Band5	10	20600	50	#0	16QAM	849.02	-33.46	-13	PASS
Band7	5	20775	1	#0	QPSK	2499.00	-13.15	-10	PASS
Band7	5	20775	1	#Max	QPSK	2491.70	-41.04	-25	PASS
Band7	5	20775	25	#0	QPSK	2491.82	-40.70	-25	PASS
Band7	5	20775	1	#0	16QAM	2498.99	-15.69	-10	PASS
Band7	5	20775	1	#Max	16QAM	2493.28	-40.88	-25	PASS
Band7	5	20775	25	#0	16QAM	2491.45	-40.99	-25	PASS
Band7	5	21425	1	#0	QPSK	2588.26	-40.83	-25	PASS
Band7	5	21425	1	#Max	QPSK	2571.00	-15.87	-10	PASS
Band7	5	21425	25	#0	QPSK	2584.74	-40.88	-25	PASS
Band7	5	21425	1	#0	16QAM	2576.70	-40.77	-25	PASS
Band7	5	21425	1	#Max	16QAM	2571.00	-15.76	-10	PASS
Band7	5	21425	25	#0	16QAM	2580.43	-40.94	-25	PASS
Band7	10	20800	1	#0	QPSK	2488.01	-40.77	-25	PASS
Band7	10	20800	1	#Max	QPSK	2478.36	-41.05	-25	PASS
Band7	10	20800	50	#0	QPSK	2488.22	-40.91	-25	PASS
Band7	10	20800	1	#0	16QAM	2499.00	-25.62	-10	PASS
Band7	10	20800	1	#Max	16QAM	2489.54	-40.93	-25	PASS
Band7	10	20800	50	#0	16QAM	2480.06	-41.03	-25	PASS
Band7	10	21400	1	#0	QPSK	2593.41	-40.76	-25	PASS
Band7	10	21400	1	#Max	QPSK	2582.06	-40.94	-25	PASS
Band7	10	21400	50	#0	QPSK	2591.52	-40.99	-25	PASS
Band7	10	21400	1	#0	16QAM	2589.98	-40.81	-25	PASS
Band7	10	21400	1	#Max	16QAM	2585.12	-40.94	-25	PASS
Band7	10	21400	50	#0	16QAM	2591.10	-40.83	-25	PASS
Band7	15	20825	1	#0	QPSK	2480.58	-40.98	-25	PASS
Band7	15	20825	1	#Max	QPSK	2481.29	-40.76	-25	PASS
Band7	15	20825	75	#0	QPSK	2484.45	-40.77	-25	PASS
Band7	15	20825	1	#0	16QAM	2483.06	-40.87	-25	PASS
Band7	15	20825	1	#Max	16QAM	2476.96	-41.05	-25	PASS
Band7	15	20825	75	#0	16QAM	2483.05	-40.89	-25	PASS
Band7	15	21375	1	#0	QPSK	2588.34	-41.24	-25	PASS
Band7	15	21375	1	#Max	QPSK	2590.38	-41.15	-25	PASS
Band7	15	21375	75	#0	QPSK	2592.64	-41.00	-25	PASS
Band7	15	21375	1	#0	16QAM	2586.71	-40.98	-25	PASS
Band7	15	21375	1	#Max	16QAM	2593.57	-41.18	-25	PASS
Band7	15	21375	75	#0	16QAM	2586.36	-41.15	-25	PASS

Band7	20	20850	1	#0	QPSK	2476.49	-41.17	-25	PASS
Band7	20	20850	1	#Max	QPSK	2475.92	-41.06	-25	PASS
Band7	20	20850	100	#0	QPSK	2477.06	-41.07	-25	PASS
Band7	20	20850	1	#0	16QAM	2479.83	-41.07	-25	PASS
Band7	20	20850	1	#Max	16QAM	2477.10	-41.10	-25	PASS
Band7	20	20850	100	#0	16QAM	2476.74	-40.88	-25	PASS
Band7	20	21350	1	#0	QPSK	2591.55	-40.99	-25	PASS
Band7	20	21350	1	#Max	QPSK	2593.73	-41.25	-25	PASS
Band7	20	21350	100	#0	QPSK	2591.93	-41.06	-25	PASS
Band7	20	21350	1	#0	16QAM	2594.43	-40.75	-25	PASS
Band7	20	21350	1	#Max	16QAM	2594.83	-41.03	-25	PASS
Band7	20	21350	100	#0	16QAM	2592.94	-41.18	-25	PASS

Band12 QPSK BW=1.4MHz Channel=23017 RB Size=1 Position=#0

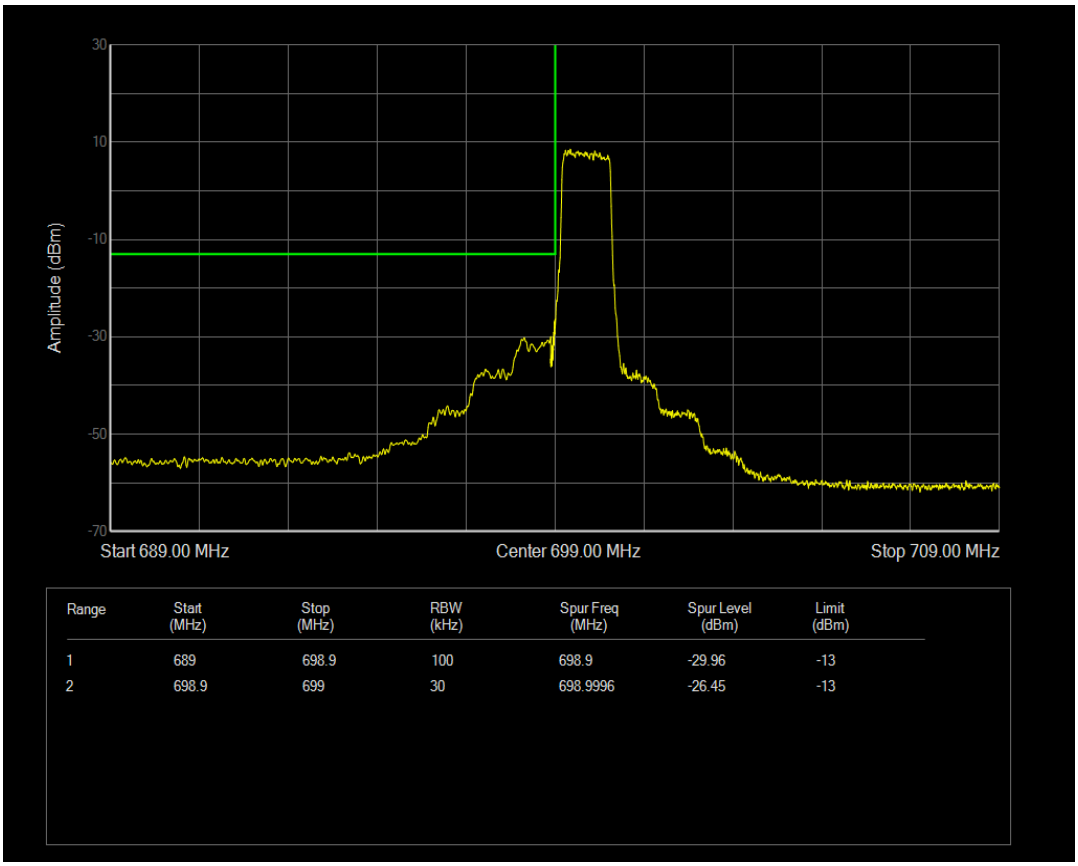


Band12 QPSK BW=1.4MHz Channel=23017 RB Size=1 Position=#Max



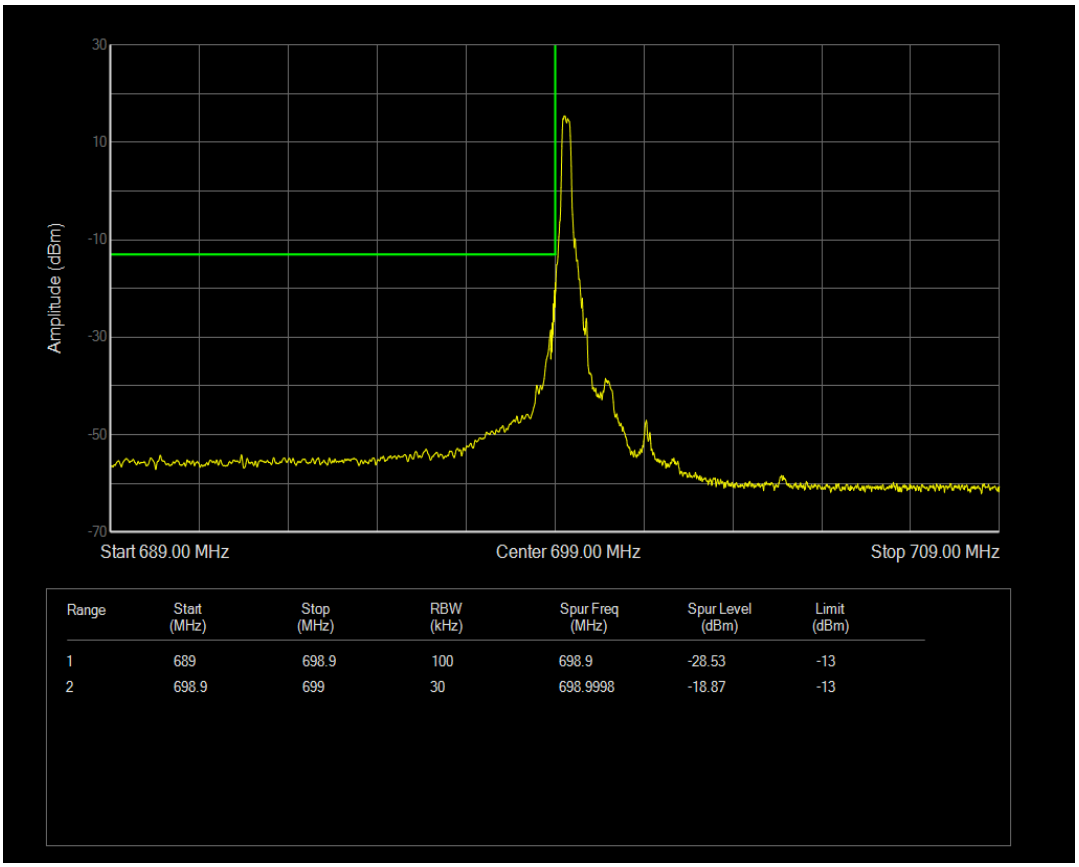
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.3555	-40.61	-13
2	698.9	699	30	698.9831	-44.76	-13

Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0



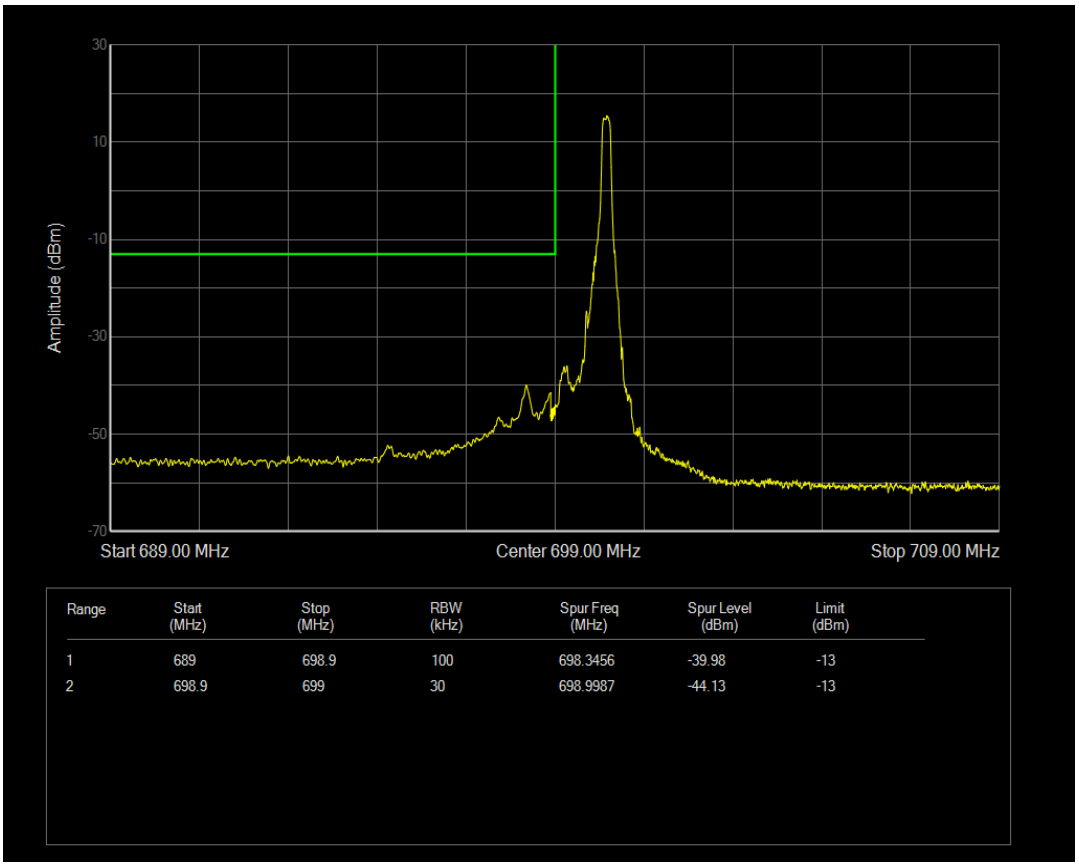
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.9	-29.96	-13
2	698.9	699	30	698.9996	-26.45	-13

Band12 16QAM BW=1.4MHz Channel=23017 RB Size=1 Position=#0



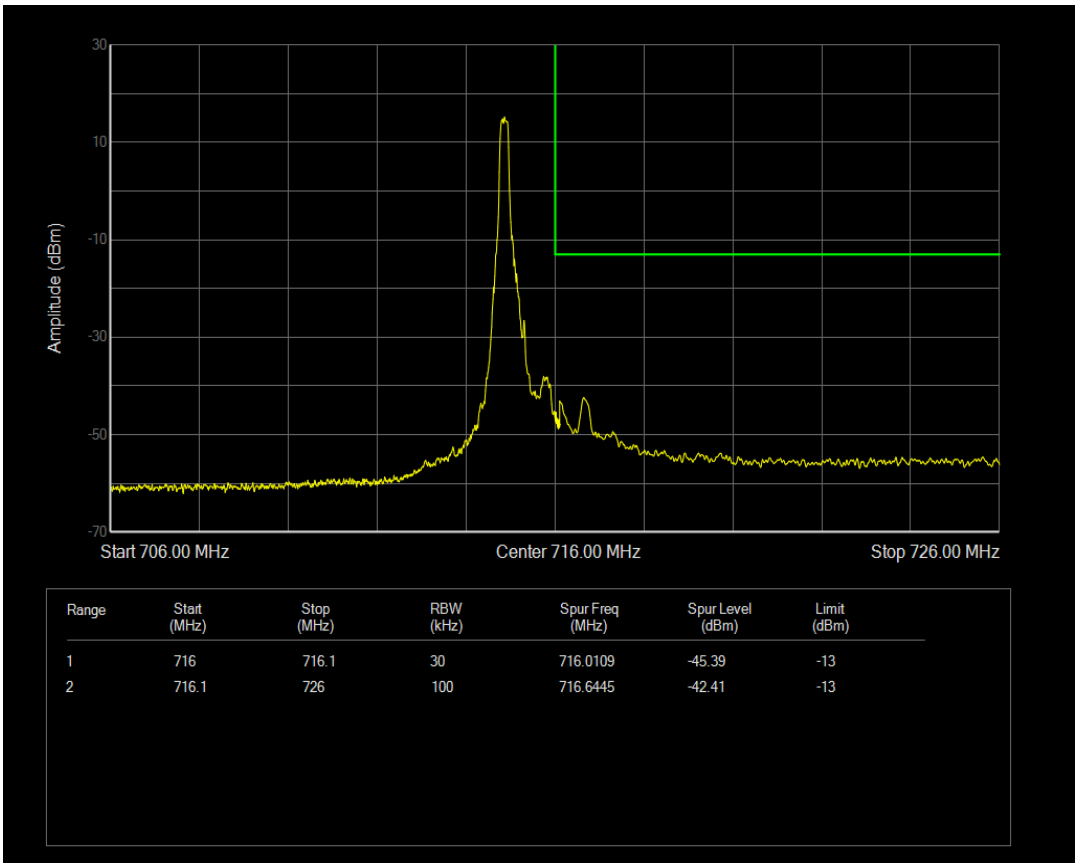
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.9	-28.53	-13
2	698.9	699	30	698.9998	-18.87	-13

Band12 16QAM BW=1.4MHz Channel=23017 RB Size=1 Position=#Max



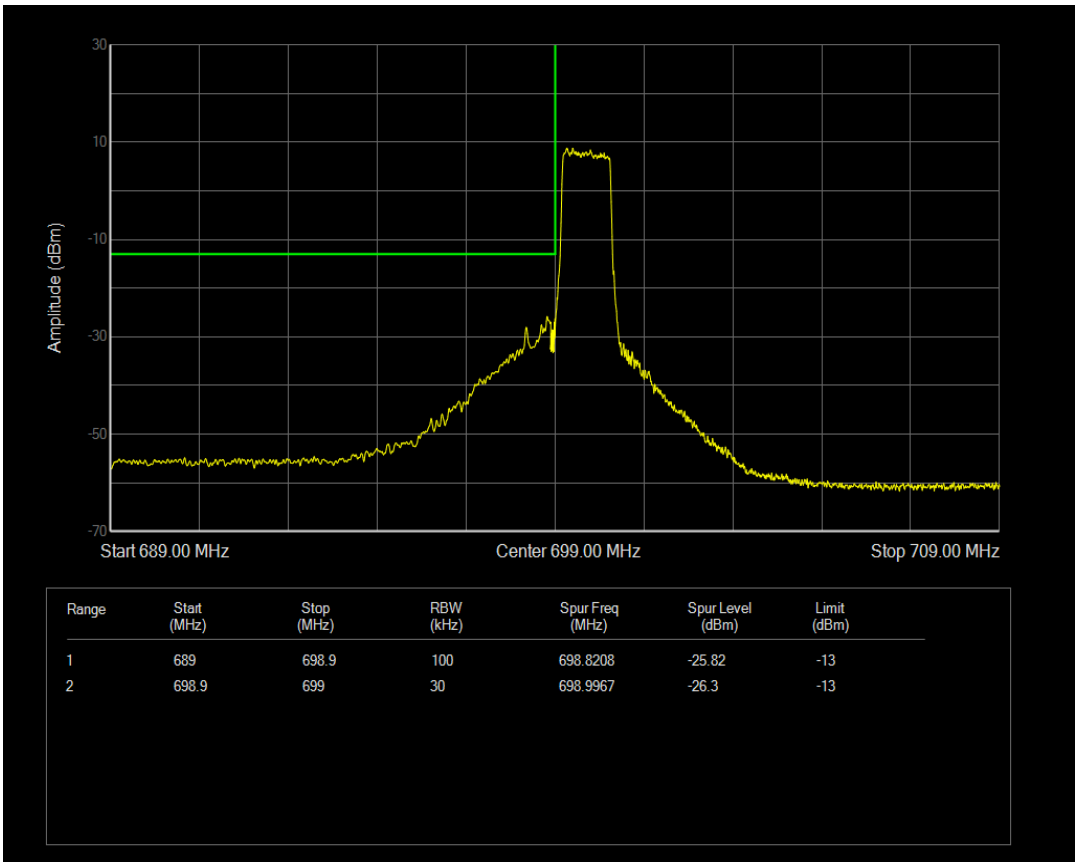
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.3456	-39.98	-13
2	698.9	699	30	698.9987	-44.13	-13

Band12 QPSK BW=1.4MHz Channel=23173 RB Size=1 Position=#0



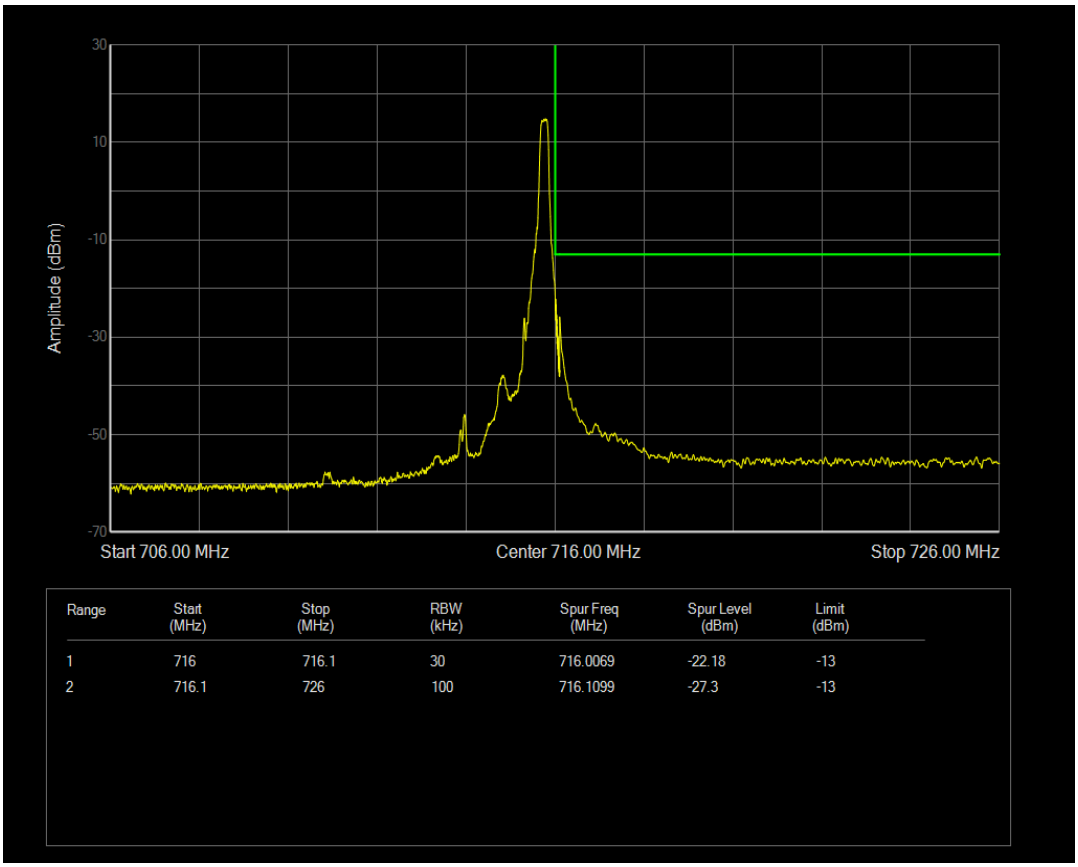
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0109	-45.39	-13
2	716.1	726	100	716.6445	-42.41	-13

Band12 16QAM BW=1.4MHz Channel=23017 RB Size=6 Position=#0



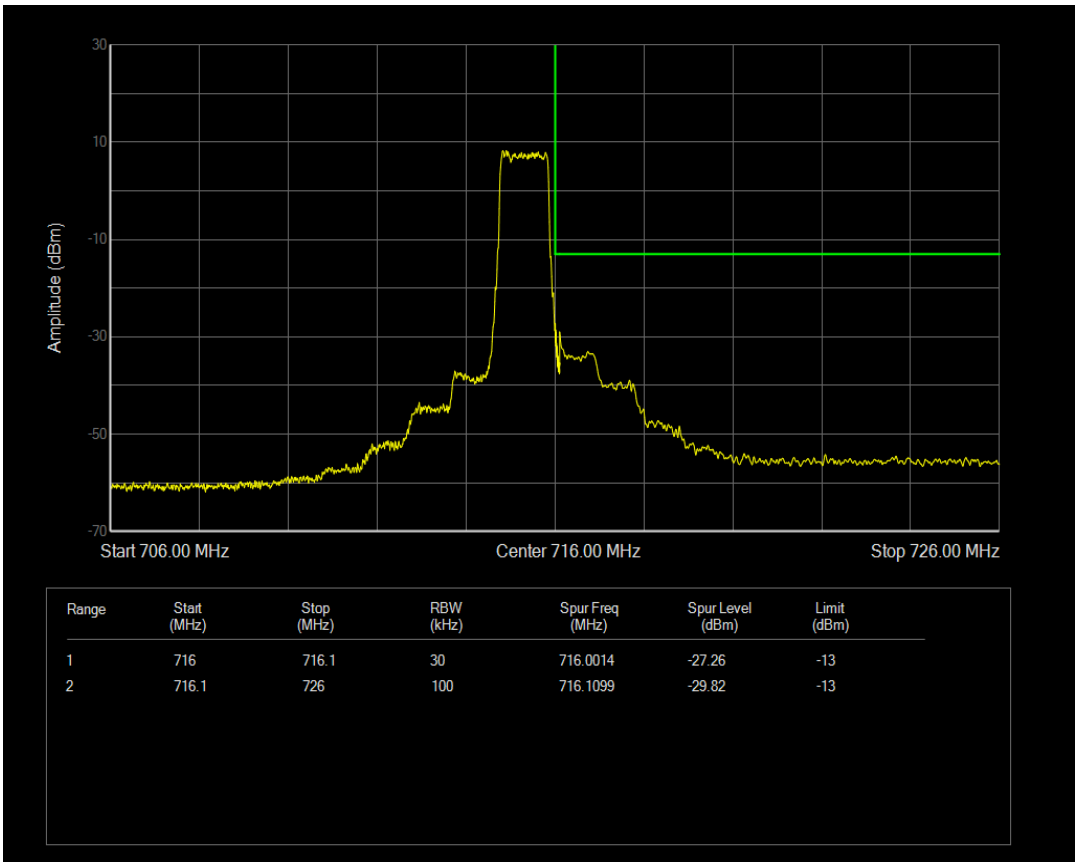
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.8208	-25.82	-13
2	698.9	699	30	698.9967	-26.3	-13

Band12 QPSK BW=1.4MHz Channel=23173 RB Size=1 Position=#Max



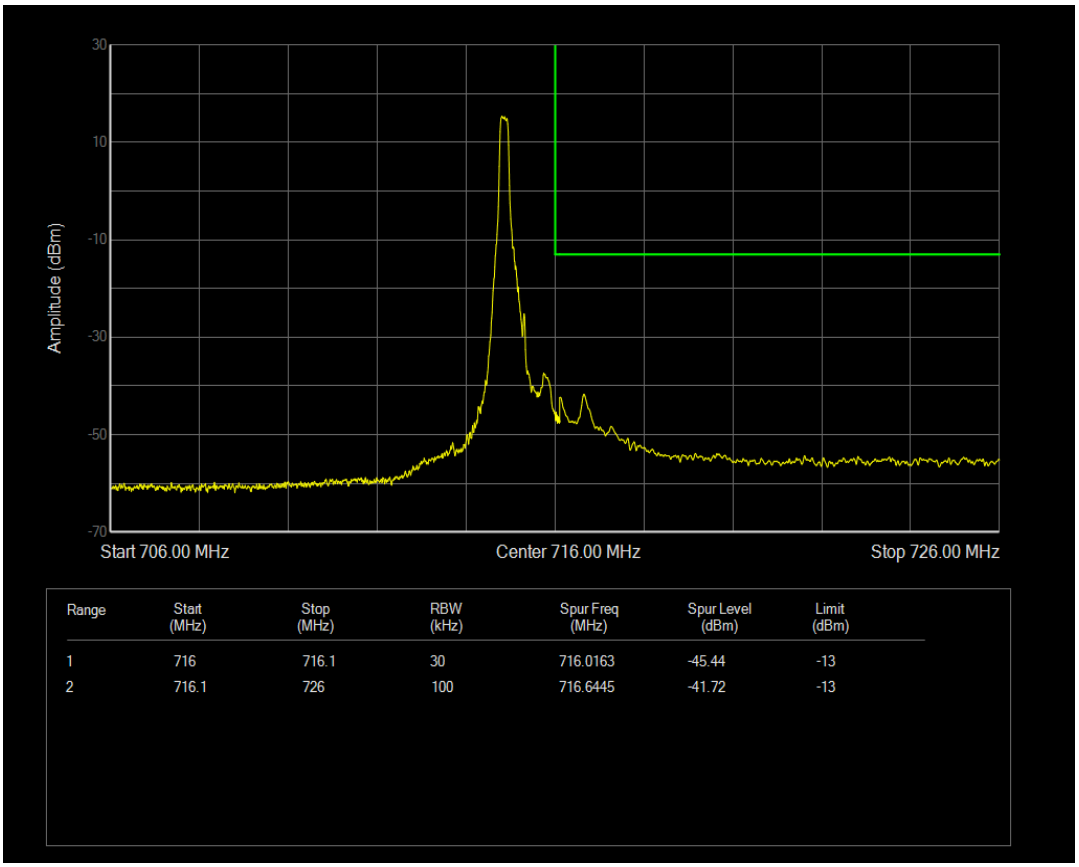
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0069	-22.18	-13
2	716.1	726	100	716.1099	-27.3	-13

Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0



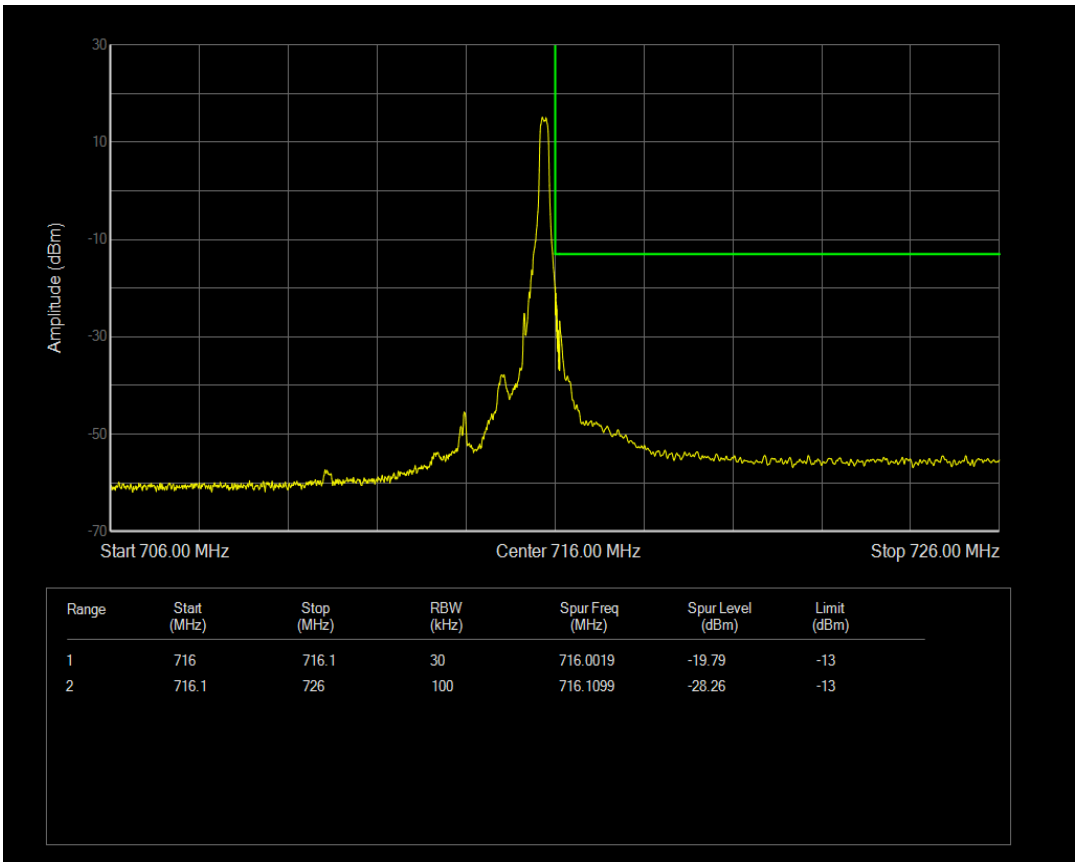
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0014	-27.26	-13
2	716.1	726	100	716.1099	-29.82	-13

Band12 16QAM BW=1.4MHz Channel=23173 RB Size=1 Position=#0



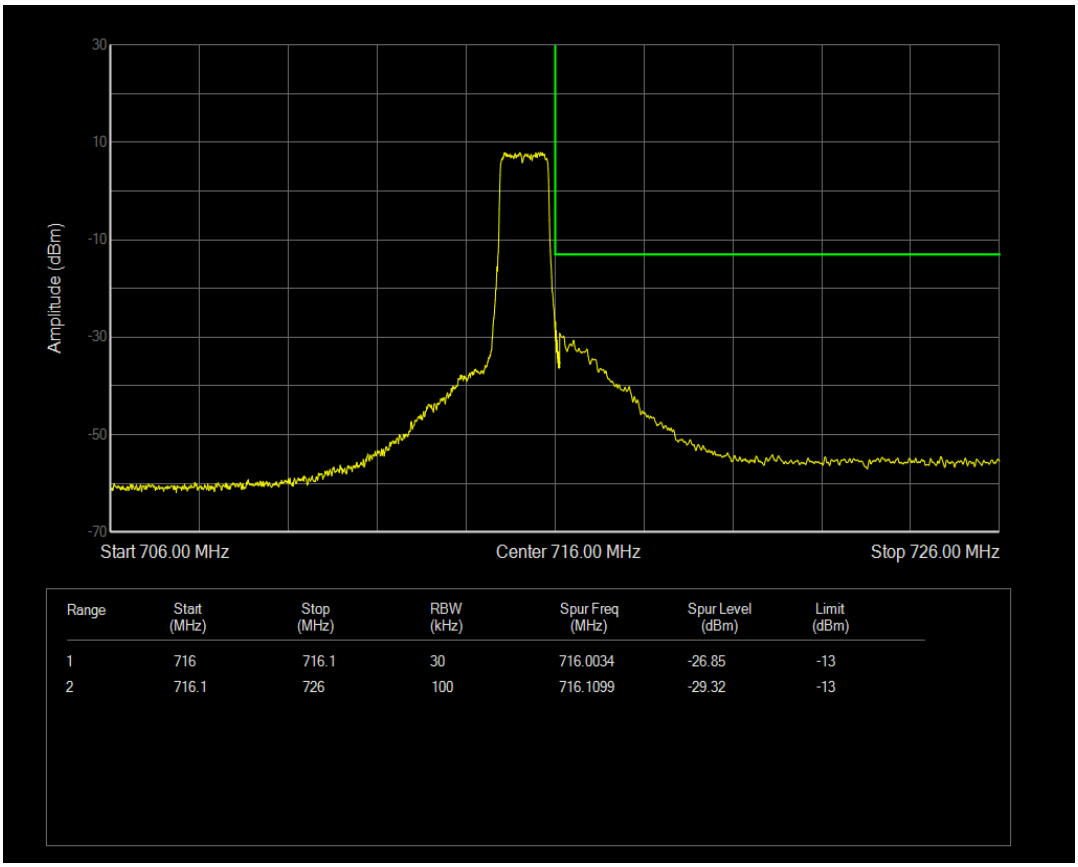
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0163	-45.44	-13
2	716.1	726	100	716.6445	-41.72	-13

Band12 16QAM BW=1.4MHz Channel=23173 RB Size=1 Position=#Max



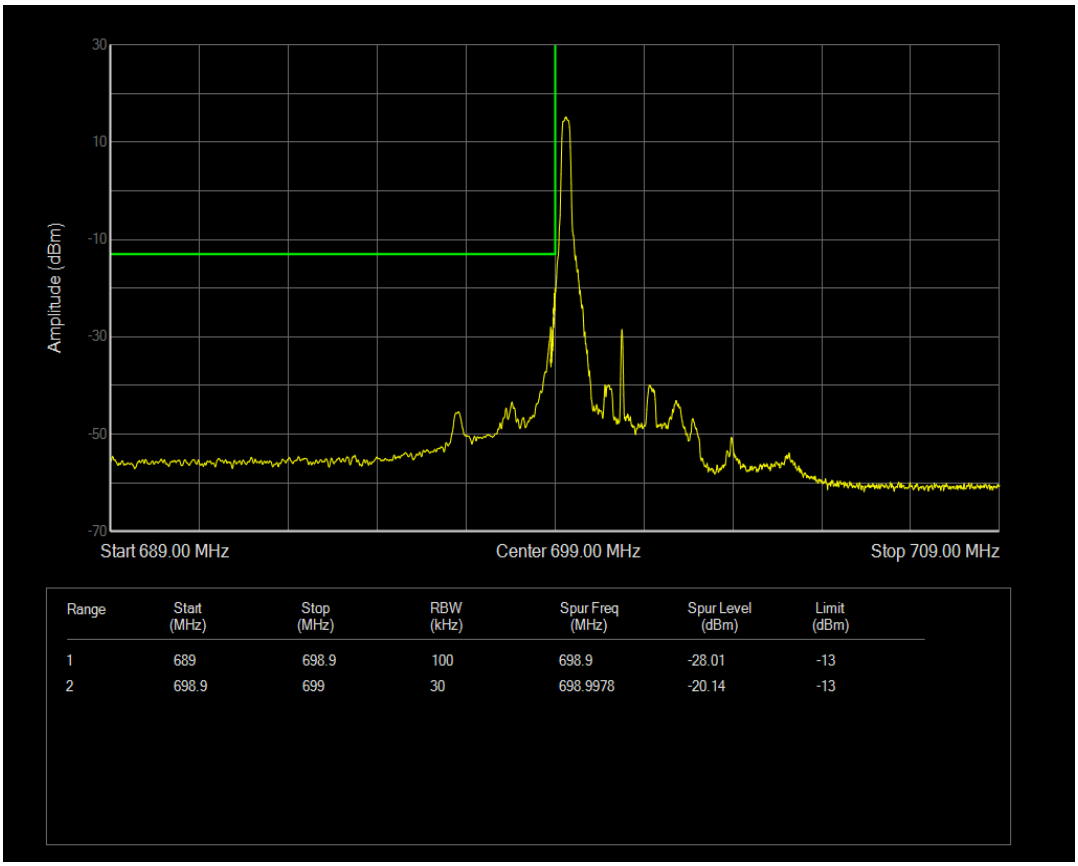
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0019	-19.79	-13
2	716.1	726	100	716.1099	-28.26	-13

Band12 16QAM BW=1.4MHz Channel=23173 RB Size=6 Position=#0



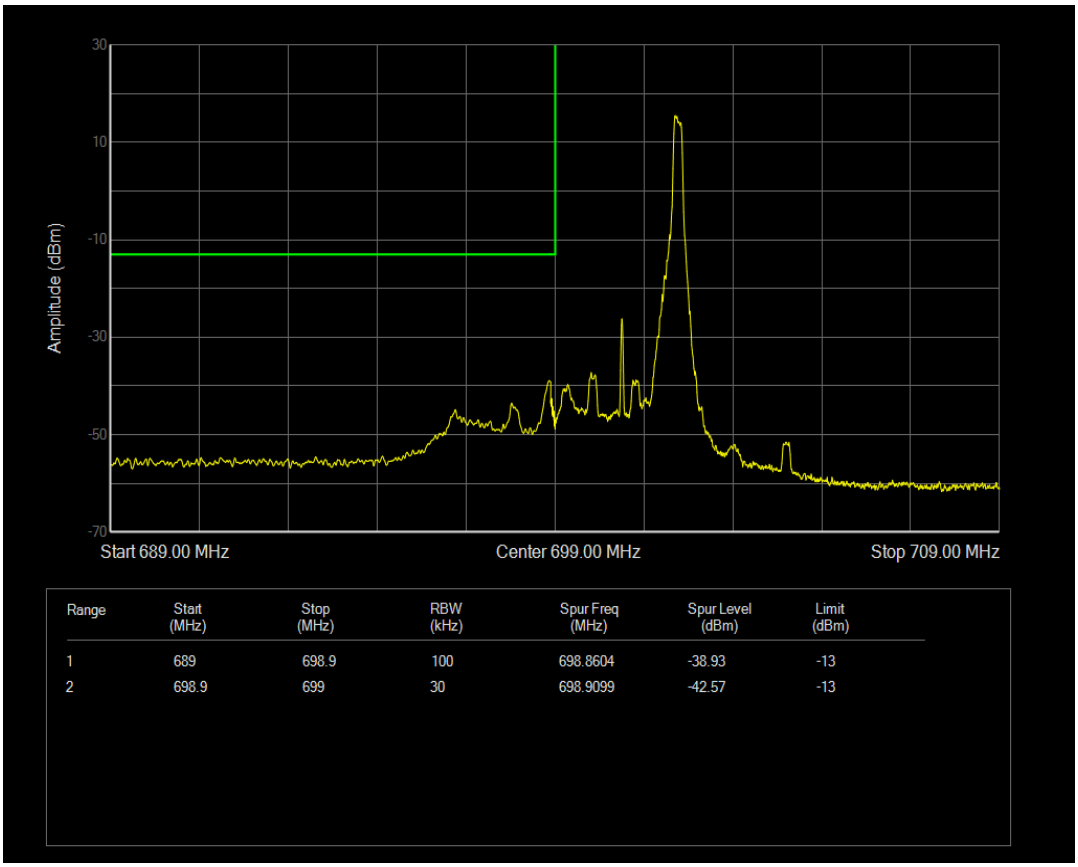
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0034	-26.85	-13
2	716.1	726	100	716.1099	-29.32	-13

Band12 QPSK BW=3MHz Channel=23025 RB Size=1 Position=#0



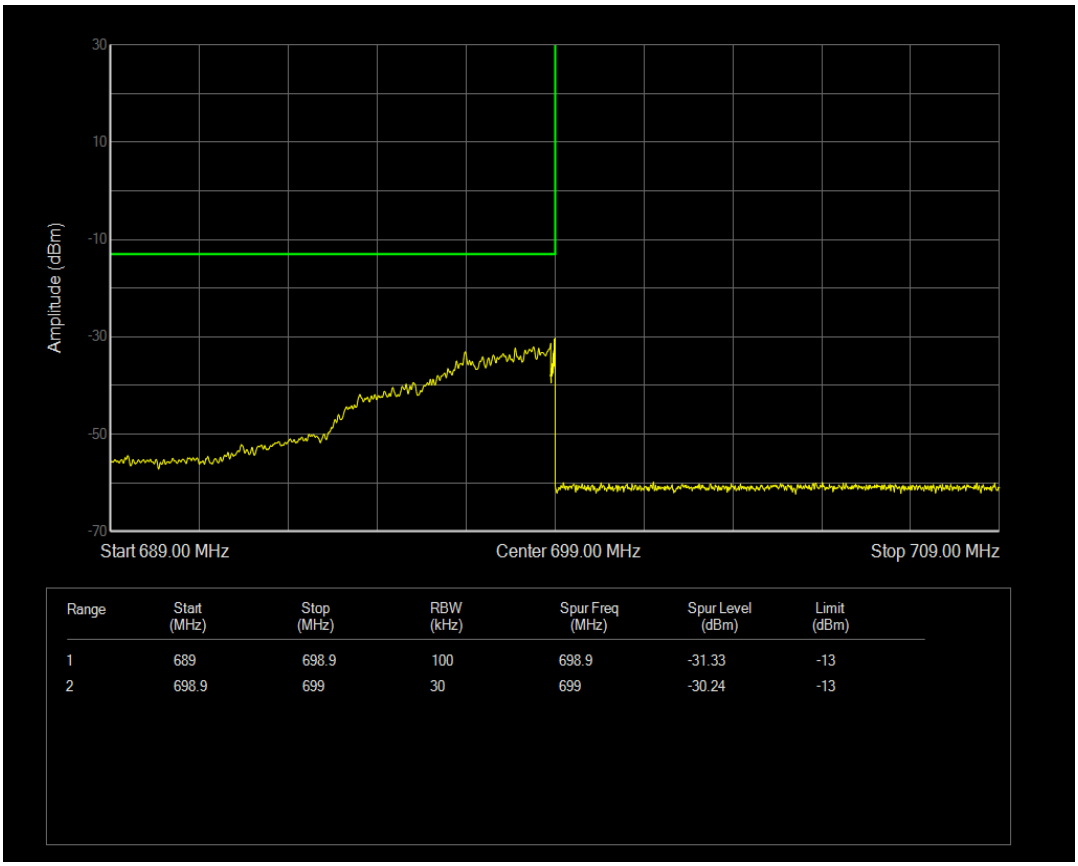
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.9	-28.01	-13
2	698.9	699	30	698.9978	-20.14	-13

Band12 QPSK BW=3MHz Channel=23025 RB Size=1 Position=#Max



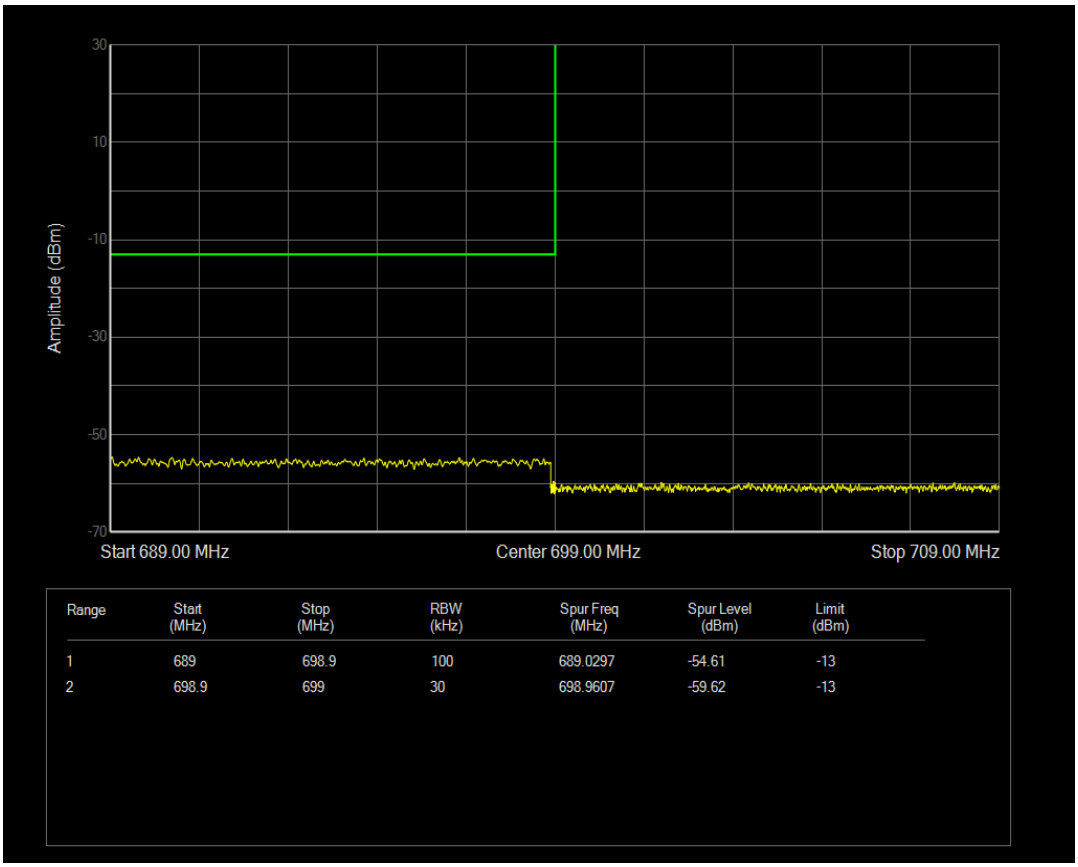
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.8604	-38.93	-13
2	698.9	699	30	698.9099	-42.57	-13

Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0



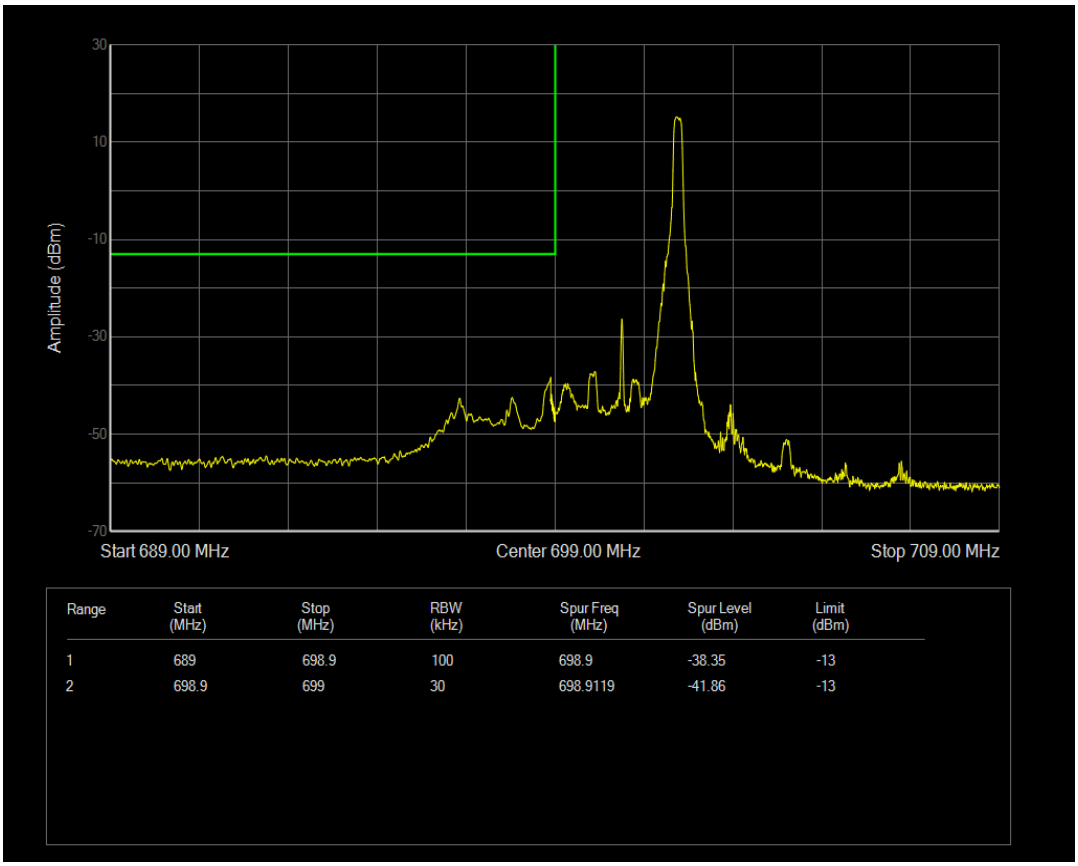
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.9	-31.33	-13
2	698.9	699	30	699	-30.24	-13

Band12 16QAM BW=3MHz Channel=23025 RB Size=1 Position=#0



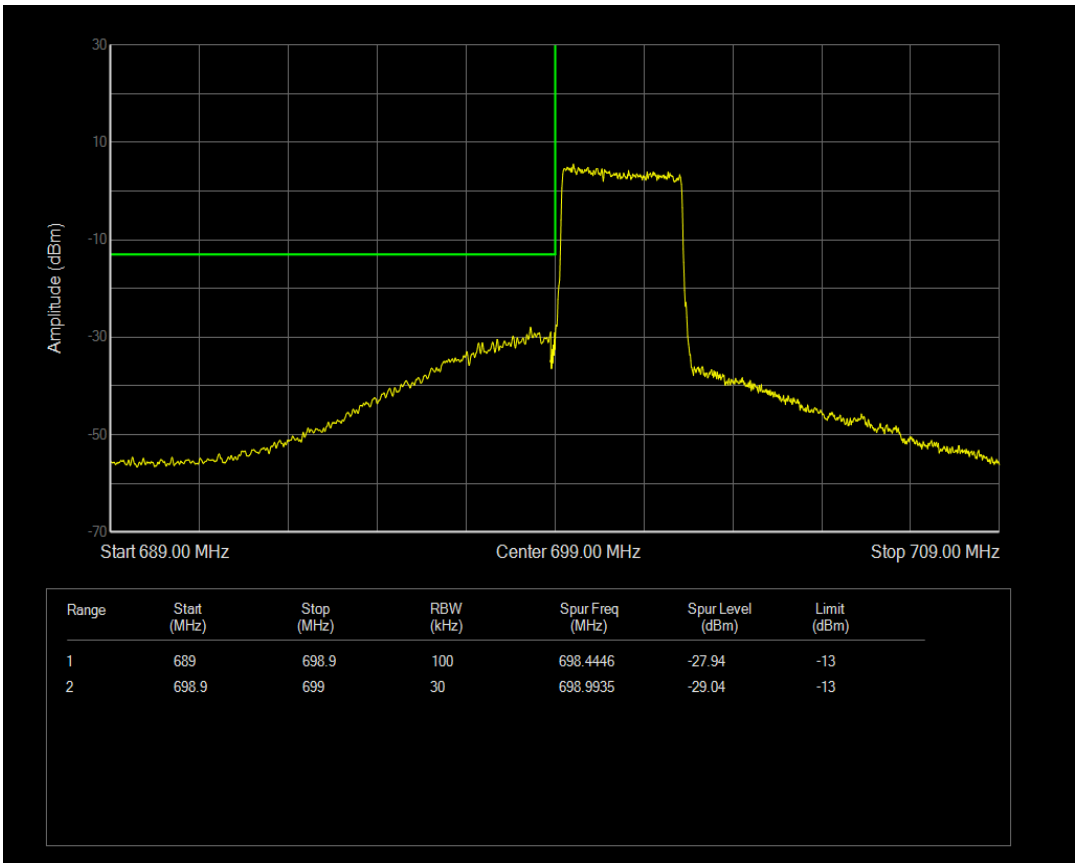
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	689.0297	-54.61	-13
2	698.9	699	30	698.9607	-59.62	-13

Band12 16QAM BW=3MHz Channel=23025 RB Size=1 Position=#Max



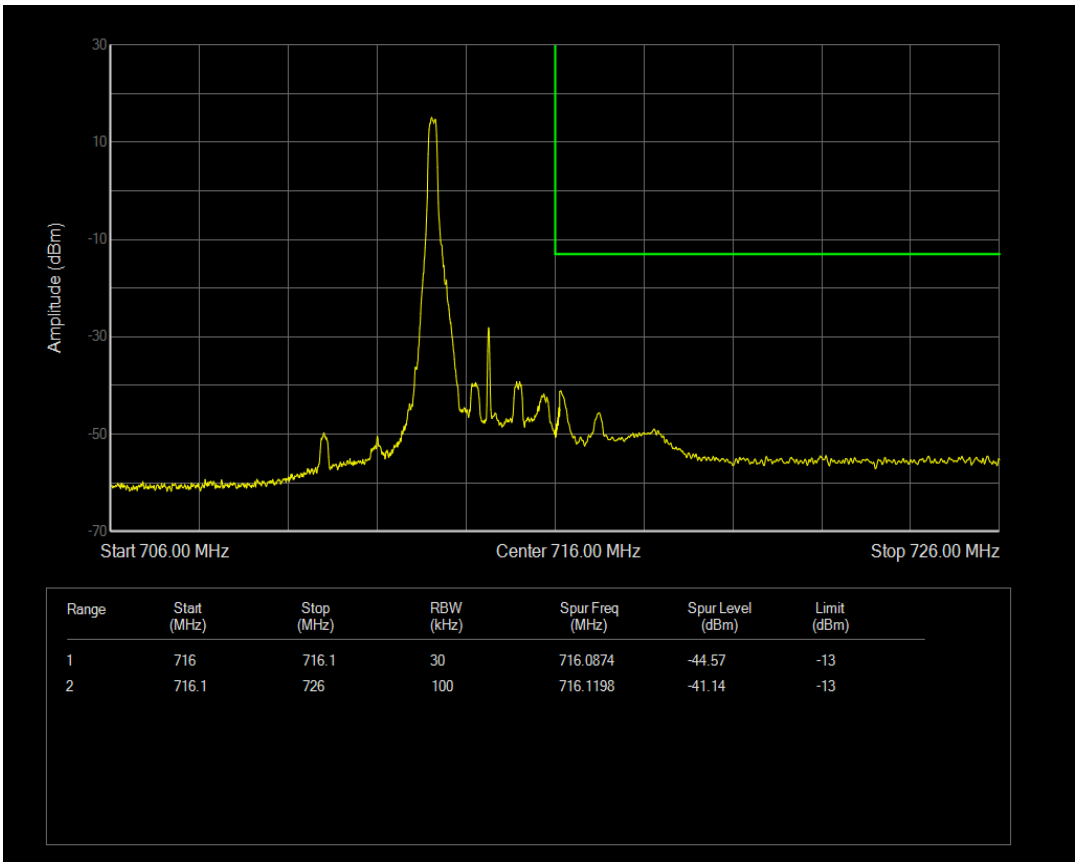
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.9	-38.35	-13
2	698.9	699	30	698.9119	-41.86	-13

Band12 16QAM BW=3MHz Channel=23025 RB Size=15 Position=#0



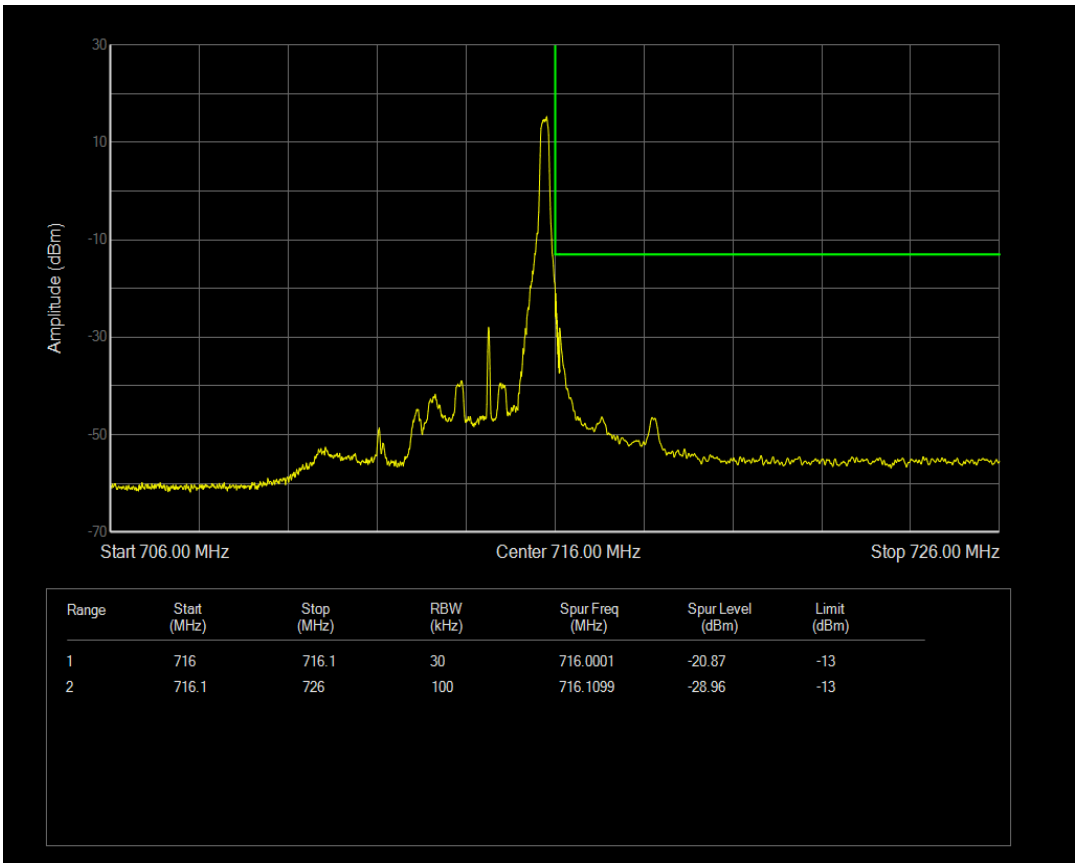
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.4446	-27.94	-13
2	698.9	699	30	698.9935	-29.04	-13

Band12 QPSK BW=3MHz Channel=23165 RB Size=1 Position=#0



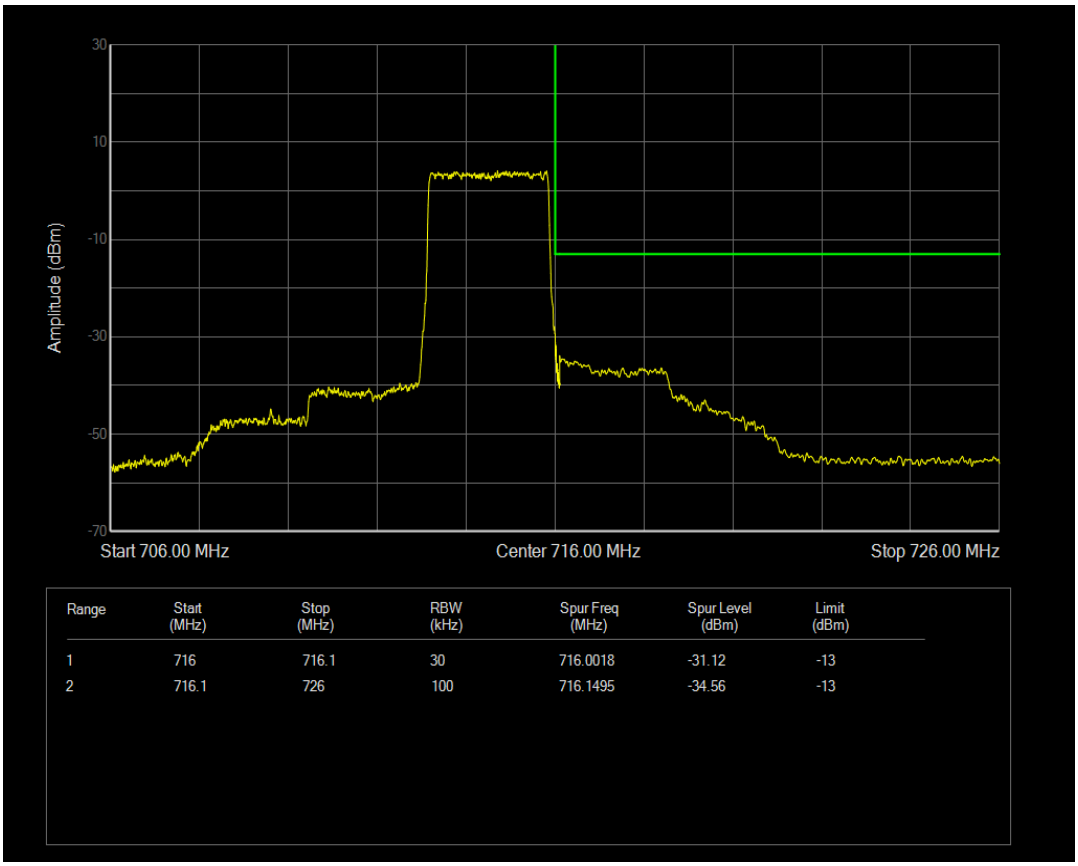
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0874	-44.57	-13
2	716.1	726	100	716.1198	-41.14	-13

Band12 QPSK BW=3MHz Channel=23165 RB Size=1 Position=#Max



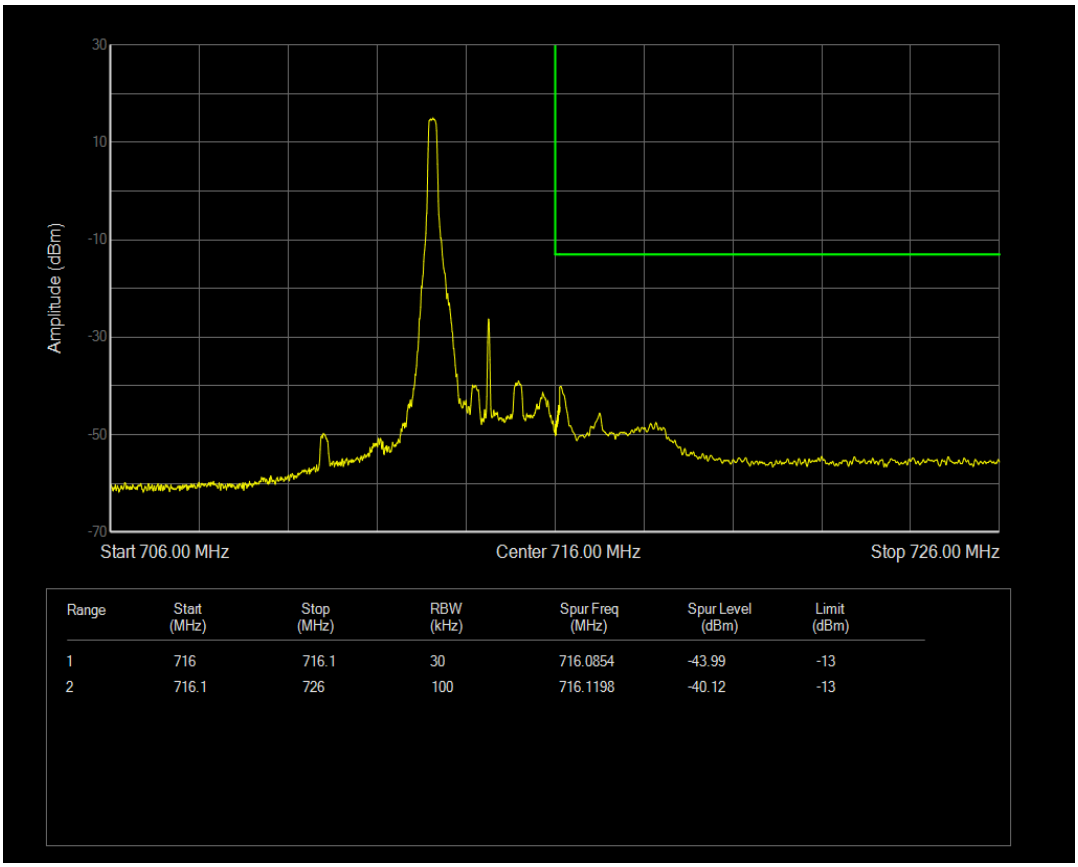
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0001	-20.87	-13
2	716.1	726	100	716.1099	-28.96	-13

Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0



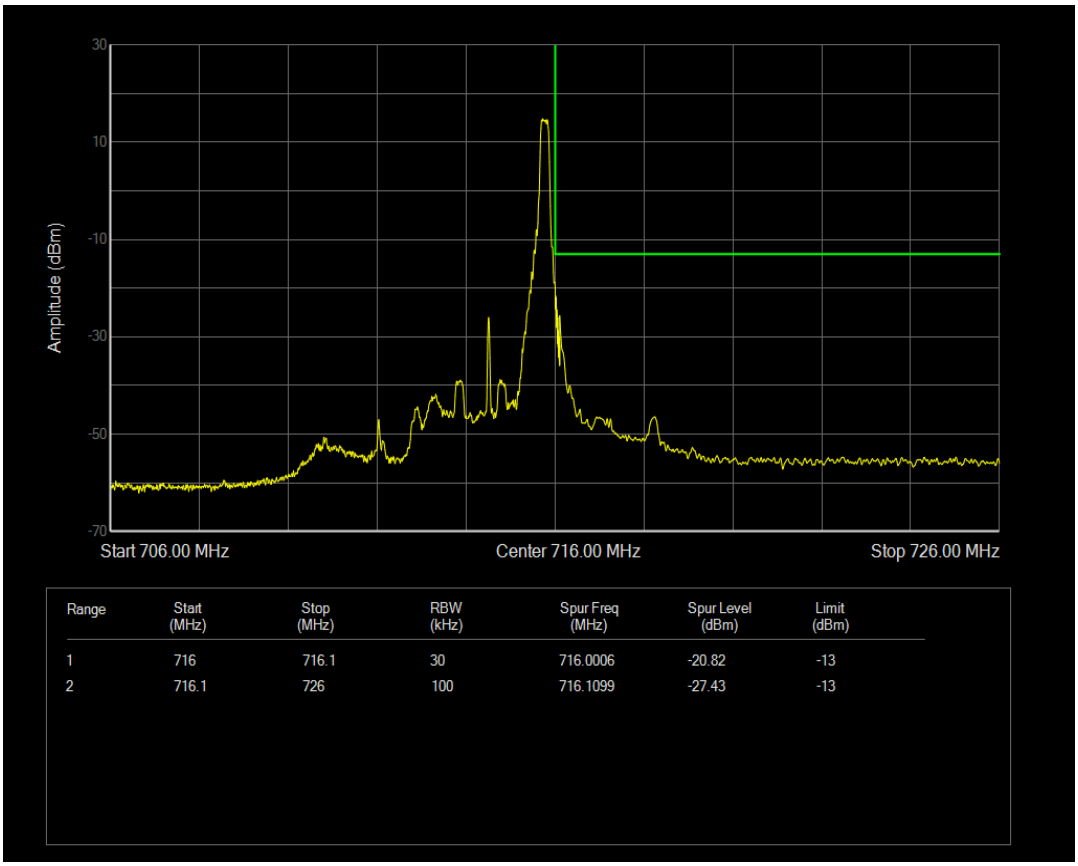
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0018	-31.12	-13
2	716.1	726	100	716.1495	-34.56	-13

Band12 16QAM BW=3MHz Channel=23165 RB Size=1 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0854	-43.99	-13
2	716.1	726	100	716.1198	-40.12	-13

Band12 16QAM BW=3MHz Channel=23165 RB Size=1 Position=#Max



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0006	-20.82	-13
2	716.1	726	100	716.1099	-27.43	-13

Band12 16QAM BW=3MHz Channel=23165 RB Size=15 Position=#0