

Appendix A: Average Power Output Data

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	high Limit (dBm)	Verdict
Band12	1.4	23017	1	#0	QPSK	23.63	37	PASS
Band12	1.4	23017	1	#Mid	QPSK	23.79	37	PASS
Band12	1.4	23017	1	#Max	QPSK	23.60	37	PASS
Band12	1.4	23017	3	#0	QPSK	23.70	37	PASS
Band12	1.4	23017	3	#Max	QPSK	23.60	37	PASS
Band12	1.4	23017	6	#0	QPSK	23.62	37	PASS
Band12	1.4	23017	1	#0	QAM16	23.45	37	PASS
Band12	1.4	23017	1	#Mid	QAM16	23.61	37	PASS
Band12	1.4	23017	1	#Max	QAM16	23.40	37	PASS
Band12	1.4	23017	3	#0	QAM16	23.63	37	PASS
Band12	1.4	23017	3	#Max	QAM16	23.57	37	PASS
Band12	1.4	23017	6	#0	QAM16	22.59	37	PASS
Band12	1.4	23095	1	#0	QPSK	23.38	37	PASS
Band12	1.4	23095	1	#Mid	QPSK	23.61	37	PASS
Band12	1.4	23095	1	#Max	QPSK	23.47	37	PASS
Band12	1.4	23095	3	#0	QPSK	23.38	37	PASS
Band12	1.4	23095	3	#Max	QPSK	23.42	37	PASS
Band12	1.4	23095	6	#0	QPSK	23.35	37	PASS
Band12	1.4	23095	1	#0	QAM16	23.23	37	PASS
Band12	1.4	23095	1	#Mid	QAM16	23.50	37	PASS
Band12	1.4	23095	1	#Max	QAM16	23.31	37	PASS
Band12	1.4	23095	3	#0	QAM16	23.52	37	PASS
Band12	1.4	23095	3	#Max	QAM16	23.57	37	PASS
Band12	1.4	23095	6	#0	QAM16	22.31	37	PASS
Band12	1.4	23173	1	#0	QPSK	23.23	37	PASS
Band12	1.4	23173	1	#Mid	QPSK	23.43	37	PASS
Band12	1.4	23173	1	#Max	QPSK	23.23	37	PASS
Band12	1.4	23173	3	#0	QPSK	23.31	37	PASS
Band12	1.4	23173	3	#Max	QPSK	23.30	37	PASS
Band12	1.4	23173	6	#0	QPSK	23.32	37	PASS
Band12	1.4	23173	1	#0	QAM16	23.36	37	PASS
Band12	1.4	23173	1	#Mid	QAM16	23.53	37	PASS
Band12	1.4	23173	1	#Max	QAM16	23.36	37	PASS
Band12	1.4	23173	3	#0	QAM16	23.29	37	PASS
Band12	1.4	23173	3	#Max	QAM16	23.30	37	PASS
Band12	1.4	23173	6	#0	QAM16	22.20	37	PASS
Band12	3	23025	1	#0	QPSK	23.70	37	PASS
Band12	3	23025	1	#Mid	QPSK	23.59	37	PASS
Band12	3	23025	1	#Max	QPSK	23.59	37	PASS
Band12	3	23025	8	#0	QPSK	23.70	37	PASS
Band12	3	23025	8	#Max	QPSK	23.65	37	PASS
Band12	3	23025	15	#0	QPSK	23.62	37	PASS
Band12	3	23025	1	#0	QAM16	23.92	37	PASS
Band12	3	23025	1	#Mid	QAM16	23.85	37	PASS
Band12	3	23025	1	#Max	QAM16	23.84	37	PASS
Band12	3	23025	8	#0	QAM16	22.69	37	PASS
Band12	3	23025	8	#Max	QAM16	22.67	37	PASS
Band12	3	23025	15	#0	QAM16	22.57	37	PASS
Band12	3	23095	1	#0	QPSK	23.35	37	PASS
Band12	3	23095	1	#Mid	QPSK	23.27	37	PASS
Band12	3	23095	1	#Max	QPSK	23.23	37	PASS
Band12	3	23095	8	#0	QPSK	23.11	37	PASS
Band12	3	23095	8	#Max	QPSK	23.16	37	PASS
Band12	3	23095	15	#0	QPSK	23.04	37	PASS
Band12	3	23095	1	#0	QAM16	23.04	37	PASS
Band12	3	23095	1	#Mid	QAM16	23.06	37	PASS
Band12	3	23095	1	#Max	QAM16	23.17	37	PASS
Band12	3	23095	8	#0	QAM16	21.94	37	PASS
Band12	3	23095	8	#Max	QAM16	21.96	37	PASS
Band12	3	23095	15	#0	QAM16	21.80	37	PASS
Band12	3	23165	1	#0	QPSK	23.91	37	PASS
Band12	3	23165	1	#Mid	QPSK	23.97	37	PASS
Band12	3	23165	1	#Max	QPSK	23.99	37	PASS
Band12	3	23165	8	#0	QPSK	22.90	37	PASS
Band12	3	23165	8	#Max	QPSK	22.90	37	PASS
Band12	3	23165	15	#0	QPSK	22.88	37	PASS
Band12	3	23165	1	#0	QAM16	22.70	37	PASS
Band12	3	23165	1	#Mid	QAM16	22.71	37	PASS
Band12	3	23165	1	#Max	QAM16	22.71	37	PASS

Band12	3	23165	8	#0	QAM16	21.89	37	PASS
Band12	3	23165	8	#Max	QAM16	21.85	37	PASS
Band12	3	23165	15	#0	QAM16	21.86	37	PASS
Band12	5	23035	1	#0	QPSK	23.04	37	PASS
Band12	5	23035	1	#Mid	QPSK	23.06	37	PASS
Band12	5	23035	1	#Max	QPSK	23.80	37	PASS
Band12	5	23035	12	#0	QPSK	23.04	37	PASS
Band12	5	23035	12	#Max	QPSK	22.88	37	PASS
Band12	5	23035	25	#0	QPSK	22.98	37	PASS
Band12	5	23035	1	#0	QAM16	23.31	37	PASS
Band12	5	23035	1	#Mid	QAM16	23.34	37	PASS
Band12	5	23035	1	#Max	QAM16	23.09	37	PASS
Band12	5	23035	12	#0	QAM16	22.08	37	PASS
Band12	5	23035	12	#Max	QAM16	21.86	37	PASS
Band12	5	23035	25	#0	QAM16	22.00	37	PASS
Band12	5	23095	1	#0	QPSK	23.28	37	PASS
Band12	5	23095	1	#Mid	QPSK	23.36	37	PASS
Band12	5	23095	1	#Max	QPSK	23.43	37	PASS
Band12	5	23095	12	#0	QPSK	23.29	37	PASS
Band12	5	23095	12	#Max	QPSK	23.51	37	PASS
Band12	5	23095	25	#0	QPSK	23.40	37	PASS
Band12	5	23095	1	#0	QAM16	23.55	37	PASS
Band12	5	23095	1	#Mid	QAM16	23.65	37	PASS
Band12	5	23095	1	#Max	QAM16	23.66	37	PASS
Band12	5	23095	12	#0	QAM16	22.30	37	PASS
Band12	5	23095	12	#Max	QAM16	22.48	37	PASS
Band12	5	23095	25	#0	QAM16	22.40	37	PASS
Band12	5	23155	1	#0	QPSK	23.46	37	PASS
Band12	5	23155	1	#Mid	QPSK	23.35	37	PASS
Band12	5	23155	1	#Max	QPSK	23.29	37	PASS
Band12	5	23155	12	#0	QPSK	23.47	37	PASS
Band12	5	23155	12	#Max	QPSK	23.21	37	PASS
Band12	5	23155	25	#0	QPSK	23.35	37	PASS
Band12	5	23155	1	#0	QAM16	23.62	37	PASS
Band12	5	23155	1	#Mid	QAM16	23.50	37	PASS
Band12	5	23155	1	#Max	QAM16	23.37	37	PASS
Band12	5	23155	12	#0	QAM16	22.45	37	PASS
Band12	5	23155	12	#Max	QAM16	22.20	37	PASS
Band12	5	23155	25	#0	QAM16	22.34	37	PASS
Band12	10	23060	1	#0	QPSK	23.54	37	PASS
Band12	10	23060	1	#Mid	QPSK	23.50	37	PASS
Band12	10	23060	1	#Max	QPSK	23.33	37	PASS
Band12	10	23060	25	#0	QPSK	23.72	37	PASS
Band12	10	23060	25	#Max	QPSK	23.46	37	PASS
Band12	10	23060	50	#0	QPSK	23.57	37	PASS
Band12	10	23060	1	#0	QAM16	23.78	37	PASS
Band12	10	23060	1	#Mid	QAM16	23.84	37	PASS
Band12	10	23060	1	#Max	QAM16	23.58	37	PASS
Band12	10	23060	25	#0	QAM16	22.76	37	PASS
Band12	10	23060	25	#Max	QAM16	22.52	37	PASS
Band12	10	23060	50	#0	QAM16	22.53	37	PASS
Band12	10	23095	1	#0	QPSK	23.39	37	PASS
Band12	10	23095	1	#Mid	QPSK	23.51	37	PASS
Band12	10	23095	1	#Max	QPSK	23.38	37	PASS
Band12	10	23095	25	#0	QPSK	23.46	37	PASS
Band12	10	23095	25	#Max	QPSK	23.59	37	PASS
Band12	10	23095	50	#0	QPSK	23.49	37	PASS
Band12	10	23095	1	#0	QAM16	23.53	37	PASS
Band12	10	23095	1	#Mid	QAM16	23.68	37	PASS
Band12	10	23095	1	#Max	QAM16	23.52	37	PASS
Band12	10	23095	25	#0	QAM16	22.42	37	PASS
Band12	10	23095	25	#Max	QAM16	22.61	37	PASS
Band12	10	23095	50	#0	QAM16	22.37	37	PASS
Band12	10	23130	1	#0	QPSK	23.22	37	PASS
Band12	10	23130	1	#Mid	QPSK	23.67	37	PASS
Band12	10	23130	1	#Max	QPSK	23.96	37	PASS
Band12	10	23130	25	#0	QPSK	22.97	37	PASS
Band12	10	23130	25	#Max	QPSK	22.79	37	PASS
Band12	10	23130	50	#0	QPSK	22.86	37	PASS
Band12	10	23130	1	#0	QAM16	22.65	37	PASS
Band12	10	23130	1	#Mid	QAM16	23.14	37	PASS
Band12	10	23130	1	#Max	QAM16	22.63	37	PASS
Band12	10	23130	25	#0	QAM16	21.90	37	PASS

Band12	10	23130	25	#Max	QAM16	21.76	37	PASS
Band12	10	23130	50	#0	QAM16	21.83	37	PASS
Band2	1.4	18607	1	#0	QPSK	19.99	37	PASS
Band2	1.4	18607	1	#Mid	QPSK	20.24	37	PASS
Band2	1.4	18607	1	#Max	QPSK	19.96	37	PASS
Band2	1.4	18607	3	#0	QPSK	20.05	37	PASS
Band2	1.4	18607	3	#Max	QPSK	20.03	37	PASS
Band2	1.4	18607	6	#0	QPSK	19.03	37	PASS
Band2	1.4	18607	1	#0	QAM16	19.18	37	PASS
Band2	1.4	18607	1	#Mid	QAM16	19.42	37	PASS
Band2	1.4	18607	1	#Max	QAM16	19.16	37	PASS
Band2	1.4	18607	3	#0	QAM16	19.12	37	PASS
Band2	1.4	18607	3	#Max	QAM16	19.14	37	PASS
Band2	1.4	18607	6	#0	QAM16	18.04	37	PASS
Band2	1.4	18900	1	#0	QPSK	19.70	37	PASS
Band2	1.4	18900	1	#Mid	QPSK	19.87	37	PASS
Band2	1.4	18900	1	#Max	QPSK	19.71	37	PASS
Band2	1.4	18900	3	#0	QPSK	19.74	37	PASS
Band2	1.4	18900	3	#Max	QPSK	19.78	37	PASS
Band2	1.4	18900	6	#0	QPSK	18.68	37	PASS
Band2	1.4	18900	1	#0	QAM16	18.54	37	PASS
Band2	1.4	18900	1	#Mid	QAM16	18.76	37	PASS
Band2	1.4	18900	1	#Max	QAM16	18.58	37	PASS
Band2	1.4	18900	3	#0	QAM16	18.71	37	PASS
Band2	1.4	18900	3	#Max	QAM16	18.73	37	PASS
Band2	1.4	18900	6	#0	QAM16	18.71	37	PASS
Band2	1.4	19193	1	#0	QPSK	19.84	37	PASS
Band2	1.4	19193	1	#Mid	QPSK	20.09	37	PASS
Band2	1.4	19193	1	#Max	QPSK	19.87	37	PASS
Band2	1.4	19193	3	#0	QPSK	19.85	37	PASS
Band2	1.4	19193	3	#Max	QPSK	19.87	37	PASS
Band2	1.4	19193	6	#0	QPSK	18.81	37	PASS
Band2	1.4	19193	1	#0	QAM16	18.79	37	PASS
Band2	1.4	19193	1	#Mid	QAM16	19.08	37	PASS
Band2	1.4	19193	1	#Max	QAM16	18.82	37	PASS
Band2	1.4	19193	3	#0	QAM16	19.03	37	PASS
Band2	1.4	19193	3	#Max	QAM16	19.05	37	PASS
Band2	1.4	19193	6	#0	QAM16	18.86	37	PASS
Band2	3	18615	1	#0	QPSK	20.14	37	PASS
Band2	3	18615	1	#Mid	QPSK	20.11	37	PASS
Band2	3	18615	1	#Max	QPSK	20.06	37	PASS
Band2	3	18615	8	#0	QPSK	19.14	37	PASS
Band2	3	18615	8	#Max	QPSK	19.14	37	PASS
Band2	3	18615	15	#0	QPSK	19.12	37	PASS
Band2	3	18615	1	#0	QAM16	19.47	37	PASS
Band2	3	18615	1	#Mid	QAM16	19.42	37	PASS
Band2	3	18615	1	#Max	QAM16	19.37	37	PASS
Band2	3	18615	8	#0	QAM16	18.20	37	PASS
Band2	3	18615	8	#Max	QAM16	18.18	37	PASS
Band2	3	18615	15	#0	QAM16	18.12	37	PASS
Band2	3	18900	1	#0	QPSK	19.83	37	PASS
Band2	3	18900	1	#Mid	QPSK	19.83	37	PASS
Band2	3	18900	1	#Max	QPSK	19.83	37	PASS
Band2	3	18900	8	#0	QPSK	18.81	37	PASS
Band2	3	18900	8	#Max	QPSK	18.82	37	PASS
Band2	3	18900	15	#0	QPSK	18.78	37	PASS
Band2	3	18900	1	#0	QAM16	19.02	37	PASS
Band2	3	18900	1	#Mid	QAM16	18.99	37	PASS
Band2	3	18900	1	#Max	QAM16	19.01	37	PASS
Band2	3	18900	8	#0	QAM16	18.82	37	PASS
Band2	3	18900	8	#Max	QAM16	18.84	37	PASS
Band2	3	18900	15	#0	QAM16	18.71	37	PASS
Band2	3	19185	1	#0	QPSK	19.97	37	PASS
Band2	3	19185	1	#Mid	QPSK	20.00	37	PASS
Band2	3	19185	1	#Max	QPSK	20.00	37	PASS
Band2	3	19185	8	#0	QPSK	18.91	37	PASS
Band2	3	19185	8	#Max	QPSK	18.93	37	PASS
Band2	3	19185	15	#0	QPSK	18.90	37	PASS
Band2	3	19185	1	#0	QAM16	18.82	37	PASS
Band2	3	19185	1	#Mid	QAM16	18.83	37	PASS
Band2	3	19185	1	#Max	QAM16	18.82	37	PASS
Band2	3	19185	8	#0	QAM16	18.96	37	PASS
Band2	3	19185	8	#Max	QAM16	18.98	37	PASS

Band2	3	19185	15	#0	QAM16	18.99	37	PASS
Band2	5	18625	1	#0	QPSK	19.99	37	PASS
Band2	5	18625	1	#Mid	QPSK	20.06	37	PASS
Band2	5	18625	1	#Max	QPSK	19.94	37	PASS
Band2	5	18625	12	#0	QPSK	19.01	37	PASS
Band2	5	18625	12	#Max	QPSK	19.02	37	PASS
Band2	5	18625	25	#0	QPSK	19.08	37	PASS
Band2	5	18625	1	#0	QAM16	19.32	37	PASS
Band2	5	18625	1	#Mid	QAM16	19.39	37	PASS
Band2	5	18625	1	#Max	QAM16	19.22	37	PASS
Band2	5	18625	12	#0	QAM16	18.10	37	PASS
Band2	5	18625	12	#Max	QAM16	18.08	37	PASS
Band2	5	18625	25	#0	QAM16	18.14	37	PASS
Band2	5	18900	1	#0	QPSK	19.66	37	PASS
Band2	5	18900	1	#Mid	QPSK	19.76	37	PASS
Band2	5	18900	1	#Max	QPSK	19.64	37	PASS
Band2	5	18900	12	#0	QPSK	18.78	37	PASS
Band2	5	18900	12	#Max	QPSK	18.72	37	PASS
Band2	5	18900	25	#0	QPSK	18.76	37	PASS
Band2	5	18900	1	#0	QAM16	18.87	37	PASS
Band2	5	18900	1	#Mid	QAM16	19.00	37	PASS
Band2	5	18900	1	#Max	QAM16	18.87	37	PASS
Band2	5	18900	12	#0	QAM16	18.79	37	PASS
Band2	5	18900	12	#Max	QAM16	18.75	37	PASS
Band2	5	18900	25	#0	QAM16	18.76	37	PASS
Band2	5	19175	1	#0	QPSK	19.76	37	PASS
Band2	5	19175	1	#Mid	QPSK	19.86	37	PASS
Band2	5	19175	1	#Max	QPSK	19.73	37	PASS
Band2	5	19175	12	#0	QPSK	18.88	37	PASS
Band2	5	19175	12	#Max	QPSK	18.88	37	PASS
Band2	5	19175	25	#0	QPSK	18.89	37	PASS
Band2	5	19175	1	#0	QAM16	19.03	37	PASS
Band2	5	19175	1	#Mid	QAM16	19.15	37	PASS
Band2	5	19175	1	#Max	QAM16	19.05	37	PASS
Band2	5	19175	12	#0	QAM16	18.00	37	PASS
Band2	5	19175	12	#Max	QAM16	18.00	37	PASS
Band2	5	19175	25	#0	QAM16	18.94	37	PASS
Band2	10	18650	1	#0	QPSK	20.07	37	PASS
Band2	10	18650	1	#Mid	QPSK	20.20	37	PASS
Band2	10	18650	1	#Max	QPSK	19.96	37	PASS
Band2	10	18650	25	#0	QPSK	19.17	37	PASS
Band2	10	18650	25	#Max	QPSK	19.17	37	PASS
Band2	10	18650	50	#0	QPSK	19.16	37	PASS
Band2	10	18650	1	#0	QAM16	19.36	37	PASS
Band2	10	18650	1	#Mid	QAM16	19.44	37	PASS
Band2	10	18650	1	#Max	QAM16	19.22	37	PASS
Band2	10	18650	25	#0	QAM16	18.30	37	PASS
Band2	10	18650	25	#Max	QAM16	18.28	37	PASS
Band2	10	18650	50	#0	QAM16	18.18	37	PASS
Band2	10	18900	1	#0	QPSK	19.75	37	PASS
Band2	10	18900	1	#Mid	QPSK	19.97	37	PASS
Band2	10	18900	1	#Max	QPSK	19.74	37	PASS
Band2	10	18900	25	#0	QPSK	18.95	37	PASS
Band2	10	18900	25	#Max	QPSK	18.84	37	PASS
Band2	10	18900	50	#0	QPSK	18.89	37	PASS
Band2	10	18900	1	#0	QAM16	18.90	37	PASS
Band2	10	18900	1	#Mid	QAM16	19.14	37	PASS
Band2	10	18900	1	#Max	QAM16	18.89	37	PASS
Band2	10	18900	25	#0	QAM16	18.98	37	PASS
Band2	10	18900	25	#Max	QAM16	18.94	37	PASS
Band2	10	18900	50	#0	QAM16	18.89	37	PASS
Band2	10	19150	1	#0	QPSK	19.90	37	PASS
Band2	10	19150	1	#Mid	QPSK	20.14	37	PASS
Band2	10	19150	1	#Max	QPSK	19.88	37	PASS
Band2	10	19150	25	#0	QPSK	19.08	37	PASS
Band2	10	19150	25	#Max	QPSK	18.98	37	PASS
Band2	10	19150	50	#0	QPSK	19.02	37	PASS
Band2	10	19150	1	#0	QAM16	18.72	37	PASS
Band2	10	19150	1	#Mid	QAM16	18.93	37	PASS
Band2	10	19150	1	#Max	QAM16	18.73	37	PASS
Band2	10	19150	25	#0	QAM16	18.14	37	PASS
Band2	10	19150	25	#Max	QAM16	18.99	37	PASS
Band2	10	19150	50	#0	QAM16	18.06	37	PASS

Band2	15	18675	1	#0	QPSK	19.90	37	PASS
Band2	15	18675	1	#Mid	QPSK	20.01	37	PASS
Band2	15	18675	1	#Max	QPSK	19.69	37	PASS
Band2	15	18675	36	#0	QPSK	19.02	37	PASS
Band2	15	18675	36	#Max	QPSK	19.05	37	PASS
Band2	15	18675	75	#0	QPSK	19.06	37	PASS
Band2	15	18675	1	#0	QAM16	19.20	37	PASS
Band2	15	18675	1	#Mid	QAM16	19.30	37	PASS
Band2	15	18675	1	#Max	QAM16	18.97	37	PASS
Band2	15	18675	36	#0	QAM16	18.10	37	PASS
Band2	15	18675	36	#Max	QAM16	18.13	37	PASS
Band2	15	18675	75	#0	QAM16	18.12	37	PASS
Band2	15	18900	1	#0	QPSK	19.62	37	PASS
Band2	15	18900	1	#Mid	QPSK	19.80	37	PASS
Band2	15	18900	1	#Max	QPSK	19.55	37	PASS
Band2	15	18900	36	#0	QPSK	18.85	37	PASS
Band2	15	18900	36	#Max	QPSK	18.76	37	PASS
Band2	15	18900	75	#0	QPSK	18.80	37	PASS
Band2	15	18900	1	#0	QAM16	18.68	37	PASS
Band2	15	18900	1	#Mid	QAM16	18.87	37	PASS
Band2	15	18900	1	#Max	QAM16	18.63	37	PASS
Band2	15	18900	36	#0	QAM16	18.79	37	PASS
Band2	15	18900	36	#Max	QAM16	18.64	37	PASS
Band2	15	18900	75	#0	QAM16	18.65	37	PASS
Band2	15	19125	1	#0	QPSK	19.41	37	PASS
Band2	15	19125	1	#Mid	QPSK	19.57	37	PASS
Band2	15	19125	1	#Max	QPSK	19.26	37	PASS
Band2	15	19125	36	#0	QPSK	18.54	37	PASS
Band2	15	19125	36	#Max	QPSK	18.39	37	PASS
Band2	15	19125	75	#0	QPSK	18.44	37	PASS
Band2	15	19125	1	#0	QAM16	18.11	37	PASS
Band2	15	19125	1	#Mid	QAM16	18.48	37	PASS
Band2	15	19125	1	#Max	QAM16	18.26	37	PASS
Band2	15	19125	36	#0	QAM16	18.55	37	PASS
Band2	15	19125	36	#Max	QAM16	18.41	37	PASS
Band2	15	19125	75	#0	QAM16	18.48	37	PASS
Band2	20	18700	1	#0	QPSK	19.25	37	PASS
Band2	20	18700	1	#Mid	QPSK	19.62	37	PASS
Band2	20	18700	1	#Max	QPSK	18.97	37	PASS
Band2	20	18700	50	#0	QPSK	18.51	37	PASS
Band2	20	18700	50	#Max	QPSK	18.52	37	PASS
Band2	20	18700	100	#0	QPSK	18.51	37	PASS
Band2	20	18700	1	#0	QAM16	18.47	37	PASS
Band2	20	18700	1	#Mid	QAM16	18.81	37	PASS
Band2	20	18700	1	#Max	QAM16	18.17	37	PASS
Band2	20	18700	50	#0	QAM16	18.55	37	PASS
Band2	20	18700	50	#Max	QAM16	18.58	37	PASS
Band2	20	18700	100	#0	QAM16	18.52	37	PASS
Band2	20	18900	1	#0	QPSK	19.06	37	PASS
Band2	20	18900	1	#Mid	QPSK	19.47	37	PASS
Band2	20	18900	1	#Max	QPSK	18.85	37	PASS
Band2	20	18900	50	#0	QPSK	18.51	37	PASS
Band2	20	18900	50	#Max	QPSK	18.34	37	PASS
Band2	20	18900	100	#0	QPSK	18.45	37	PASS
Band2	20	18900	1	#0	QAM16	18.86	37	PASS
Band2	20	18900	1	#Mid	QAM16	18.29	37	PASS
Band2	20	18900	1	#Max	QAM16	18.76	37	PASS
Band2	20	18900	50	#0	QAM16	18.52	37	PASS
Band2	20	18900	50	#Max	QAM16	18.36	37	PASS
Band2	20	18900	100	#0	QAM16	18.47	37	PASS
Band2	20	19100	1	#0	QPSK	18.69	37	PASS
Band2	20	19100	1	#Mid	QPSK	19.54	37	PASS
Band2	20	19100	1	#Max	QPSK	19.09	37	PASS
Band2	20	19100	50	#0	QPSK	18.34	37	PASS
Band2	20	19100	50	#Max	QPSK	18.32	37	PASS
Band2	20	19100	100	#0	QPSK	18.36	37	PASS
Band2	20	19100	1	#0	QAM16	18.55	37	PASS
Band2	20	19100	1	#Mid	QAM16	18.36	37	PASS
Band2	20	19100	1	#Max	QAM16	18.89	37	PASS
Band2	20	19100	50	#0	QAM16	18.41	37	PASS
Band2	20	19100	50	#Max	QAM16	18.42	37	PASS
Band2	20	19100	100	#0	QAM16	18.39	37	PASS
Band38	5	37775	1	#0	QPSK	18.04	37	PASS

Band38	5	37775	1	#Mid	QPSK	18.84	37	PASS
Band38	5	37775	1	#Max	QPSK	18.56	37	PASS
Band38	5	37775	12	#0	QPSK	18.01	37	PASS
Band38	5	37775	12	#Max	QPSK	18.71	37	PASS
Band38	5	37775	25	#0	QPSK	18.88	37	PASS
Band38	5	37775	1	#0	QAM16	18.28	37	PASS
Band38	5	37775	1	#Mid	QAM16	18.10	37	PASS
Band38	5	37775	1	#Max	QAM16	18.82	37	PASS
Band38	5	37775	12	#0	QAM16	18.98	37	PASS
Band38	5	37775	12	#Max	QAM16	18.68	37	PASS
Band38	5	37775	25	#0	QAM16	18.79	37	PASS
Band38	5	38000	1	#0	QPSK	18.13	37	PASS
Band38	5	38000	1	#Mid	QPSK	18.21	37	PASS
Band38	5	38000	1	#Max	QPSK	18.09	37	PASS
Band38	5	38000	12	#0	QPSK	18.18	37	PASS
Band38	5	38000	12	#Max	QPSK	18.12	37	PASS
Band38	5	38000	25	#0	QPSK	18.16	37	PASS
Band38	5	38000	1	#0	QAM16	18.40	37	PASS
Band38	5	38000	1	#Mid	QAM16	18.46	37	PASS
Band38	5	38000	1	#Max	QAM16	18.36	37	PASS
Band38	5	38000	12	#0	QAM16	18.23	37	PASS
Band38	5	38000	12	#Max	QAM16	18.19	37	PASS
Band38	5	38000	25	#0	QAM16	18.14	37	PASS
Band38	5	38225	1	#0	QPSK	18.05	37	PASS
Band38	5	38225	1	#Mid	QPSK	18.14	37	PASS
Band38	5	38225	1	#Max	QPSK	18.03	37	PASS
Band38	5	38225	12	#0	QPSK	18.15	37	PASS
Band38	5	38225	12	#Max	QPSK	18.11	37	PASS
Band38	5	38225	25	#0	QPSK	18.17	37	PASS
Band38	5	38225	1	#0	QAM16	18.44	37	PASS
Band38	5	38225	1	#Mid	QAM16	18.55	37	PASS
Band38	5	38225	1	#Max	QAM16	18.41	37	PASS
Band38	5	38225	12	#0	QAM16	18.14	37	PASS
Band38	5	38225	12	#Max	QAM16	18.10	37	PASS
Band38	5	38225	25	#0	QAM16	18.13	37	PASS
Band38	10	37800	1	#0	QPSK	18.08	37	PASS
Band38	10	37800	1	#Mid	QPSK	18.88	37	PASS
Band38	10	37800	1	#Max	QPSK	18.48	37	PASS
Band38	10	37800	25	#0	QPSK	18.99	37	PASS
Band38	10	37800	25	#Max	QPSK	18.64	37	PASS
Band38	10	37800	50	#0	QPSK	18.82	37	PASS
Band38	10	37800	1	#0	QAM16	17.45	37	PASS
Band38	10	37800	1	#Mid	QAM16	17.25	37	PASS
Band38	10	37800	1	#Max	QAM16	18.89	37	PASS
Band38	10	37800	25	#0	QAM16	18.01	37	PASS
Band38	10	37800	25	#Max	QAM16	18.69	37	PASS
Band38	10	37800	50	#0	QAM16	18.76	37	PASS
Band38	10	38000	1	#0	QPSK	17.27	37	PASS
Band38	10	38000	1	#Mid	QPSK	17.48	37	PASS
Band38	10	38000	1	#Max	QPSK	17.19	37	PASS
Band38	10	38000	25	#0	QPSK	18.38	37	PASS
Band38	10	38000	25	#Max	QPSK	18.18	37	PASS
Band38	10	38000	50	#0	QPSK	18.31	37	PASS
Band38	10	38000	1	#0	QAM16	18.35	37	PASS
Band38	10	38000	1	#Mid	QAM16	18.47	37	PASS
Band38	10	38000	1	#Max	QAM16	18.21	37	PASS
Band38	10	38000	25	#0	QAM16	18.36	37	PASS
Band38	10	38000	25	#Max	QAM16	18.20	37	PASS
Band38	10	38000	50	#0	QAM16	18.23	37	PASS
Band38	10	38200	1	#0	QPSK	18.16	37	PASS
Band38	10	38200	1	#Mid	QPSK	18.43	37	PASS
Band38	10	38200	1	#Max	QPSK	18.08	37	PASS
Band38	10	38200	25	#0	QPSK	18.33	37	PASS
Band38	10	38200	25	#Max	QPSK	18.23	37	PASS
Band38	10	38200	50	#0	QPSK	18.29	37	PASS
Band38	10	38200	1	#0	QAM16	18.12	37	PASS
Band38	10	38200	1	#Mid	QAM16	18.39	37	PASS
Band38	10	38200	1	#Max	QAM16	18.07	37	PASS
Band38	10	38200	25	#0	QAM16	18.31	37	PASS
Band38	10	38200	25	#Max	QAM16	18.20	37	PASS
Band38	10	38200	50	#0	QAM16	18.24	37	PASS
Band38	15	37825	1	#0	QPSK	17.92	37	PASS
Band38	15	37825	1	#Mid	QPSK	17.56	37	PASS

Band38	15	37825	1	#Max	QPSK	17.40	37	PASS
Band38	15	37825	36	#0	QPSK	18.77	37	PASS
Band38	15	37825	36	#Max	QPSK	18.58	37	PASS
Band38	15	37825	75	#0	QPSK	18.67	37	PASS
Band38	15	37825	1	#0	QAM16	18.95	37	PASS
Band38	15	37825	1	#Mid	QAM16	18.65	37	PASS
Band38	15	37825	1	#Max	QAM16	18.43	37	PASS
Band38	15	37825	36	#0	QAM16	18.77	37	PASS
Band38	15	37825	36	#Max	QAM16	18.57	37	PASS
Band38	15	37825	75	#0	QAM16	18.62	37	PASS
Band38	15	38000	1	#0	QPSK	17.29	37	PASS
Band38	15	38000	1	#Mid	QPSK	17.26	37	PASS
Band38	15	38000	1	#Max	QPSK	17.03	37	PASS
Band38	15	38000	36	#0	QPSK	18.30	37	PASS
Band38	15	38000	36	#Max	QPSK	18.12	37	PASS
Band38	15	38000	75	#0	QPSK	18.24	37	PASS
Band38	15	38000	1	#0	QAM16	18.33	37	PASS
Band38	15	38000	1	#Mid	QAM16	18.26	37	PASS
Band38	15	38000	1	#Max	QAM16	18.01	37	PASS
Band38	15	38000	36	#0	QAM16	18.32	37	PASS
Band38	15	38000	36	#Max	QAM16	18.14	37	PASS
Band38	15	38000	75	#0	QAM16	18.18	37	PASS
Band38	15	38175	1	#0	QPSK	18.68	37	PASS
Band38	15	38175	1	#Mid	QPSK	17.17	37	PASS
Band38	15	38175	1	#Max	QPSK	18.91	37	PASS
Band38	15	38175	36	#0	QPSK	18.18	37	PASS
Band38	15	38175	36	#Max	QPSK	18.18	37	PASS
Band38	15	38175	75	#0	QPSK	18.21	37	PASS
Band38	15	38175	1	#0	QAM16	18.01	37	PASS
Band38	15	38175	1	#Mid	QAM16	18.57	37	PASS
Band38	15	38175	1	#Max	QAM16	17.29	37	PASS
Band38	15	38175	36	#0	QAM16	18.20	37	PASS
Band38	15	38175	36	#Max	QAM16	18.19	37	PASS
Band38	15	38175	75	#0	QAM16	18.16	37	PASS
Band38	20	37850	1	#0	QPSK	18.69	37	PASS
Band38	20	37850	1	#Mid	QPSK	17.66	37	PASS
Band38	20	37850	1	#Max	QPSK	18.16	37	PASS
Band38	20	37850	50	#0	QPSK	18.85	37	PASS
Band38	20	37850	50	#Max	QPSK	18.54	37	PASS
Band38	20	37850	100	#0	QPSK	18.68	37	PASS
Band38	20	37850	1	#0	QAM16	18.92	37	PASS
Band38	20	37850	1	#Mid	QAM16	18.89	37	PASS
Band38	20	37850	1	#Max	QAM16	18.34	37	PASS
Band38	20	37850	50	#0	QAM16	18.82	37	PASS
Band38	20	37850	50	#Max	QAM16	18.54	37	PASS
Band38	20	37850	100	#0	QAM16	18.61	37	PASS
Band38	20	38000	1	#0	QPSK	18.21	37	PASS
Band38	20	38000	1	#Mid	QPSK	18.37	37	PASS
Band38	20	38000	1	#Max	QPSK	18.75	37	PASS
Band38	20	38000	50	#0	QPSK	18.51	37	PASS
Band38	20	38000	50	#Max	QPSK	18.11	37	PASS
Band38	20	38000	100	#0	QPSK	18.31	37	PASS
Band38	20	38000	1	#0	QAM16	18.21	37	PASS
Band38	20	38000	1	#Mid	QAM16	18.31	37	PASS
Band38	20	38000	1	#Max	QAM16	18.69	37	PASS
Band38	20	38000	50	#0	QAM16	18.48	37	PASS
Band38	20	38000	50	#Max	QAM16	18.05	37	PASS
Band38	20	38000	100	#0	QAM16	18.28	37	PASS
Band38	20	38150	1	#0	QPSK	18.85	37	PASS
Band38	20	38150	1	#Mid	QPSK	17.36	37	PASS
Band38	20	38150	1	#Max	QPSK	18.89	37	PASS
Band38	20	38150	50	#0	QPSK	18.20	37	PASS
Band38	20	38150	50	#Max	QPSK	18.16	37	PASS
Band38	20	38150	100	#0	QPSK	18.22	37	PASS
Band38	20	38150	1	#0	QAM16	18.51	37	PASS
Band38	20	38150	1	#Mid	QAM16	18.09	37	PASS
Band38	20	38150	1	#Max	QAM16	18.60	37	PASS
Band38	20	38150	50	#0	QAM16	18.22	37	PASS
Band38	20	38150	50	#Max	QAM16	18.15	37	PASS
Band38	20	38150	100	#0	QAM16	18.16	37	PASS
Band41(2555-2655)	5	40265	1	#0	QPSK	17.60	37	PASS
Band41(2555-2655)	5	40265	1	#Mid	QPSK	17.70	37	PASS
Band41(2555-2655)	5	40265	1	#Max	QPSK	17.60	37	PASS

Band41(2555-2655)	5	40265	12	#0	QPSK	18.74	37	PASS
Band41(2555-2655)	5	40265	12	#Max	QPSK	18.73	37	PASS
Band41(2555-2655)	5	40265	25	#0	QPSK	18.77	37	PASS
Band41(2555-2655)	5	40265	1	#0	QAM16	18.95	37	PASS
Band41(2555-2655)	5	40265	1	#Mid	QAM16	17.05	37	PASS
Band41(2555-2655)	5	40265	1	#Max	QAM16	18.92	37	PASS
Band41(2555-2655)	5	40265	12	#0	QAM16	18.80	37	PASS
Band41(2555-2655)	5	40265	12	#Max	QAM16	18.78	37	PASS
Band41(2555-2655)	5	40265	25	#0	QAM16	18.73	37	PASS
Band41(2555-2655)	5	40740	1	#0	QPSK	17.10	37	PASS
Band41(2555-2655)	5	40740	1	#Mid	QPSK	17.19	37	PASS
Band41(2555-2655)	5	40740	1	#Max	QPSK	17.05	37	PASS
Band41(2555-2655)	5	40740	12	#0	QPSK	18.16	37	PASS
Band41(2555-2655)	5	40740	12	#Max	QPSK	17.08	37	PASS
Band41(2555-2655)	5	40740	25	#0	QPSK	17.13	37	PASS
Band41(2555-2655)	5	40740	1	#0	QAM16	17.45	37	PASS
Band41(2555-2655)	5	40740	1	#Mid	QAM16	17.51	37	PASS
Band41(2555-2655)	5	40740	1	#Max	QAM16	17.38	37	PASS
Band41(2555-2655)	5	40740	12	#0	QAM16	17.15	37	PASS
Band41(2555-2655)	5	40740	12	#Max	QAM16	17.06	37	PASS
Band41(2555-2655)	5	40740	25	#0	QAM16	17.10	37	PASS
Band41(2555-2655)	5	41215	1	#0	QPSK	17.87	37	PASS
Band41(2555-2655)	5	41215	1	#Mid	QPSK	17.95	37	PASS
Band41(2555-2655)	5	41215	1	#Max	QPSK	17.80	37	PASS
Band41(2555-2655)	5	41215	12	#0	QPSK	17.98	37	PASS
Band41(2555-2655)	5	41215	12	#Max	QPSK	17.85	37	PASS
Band41(2555-2655)	5	41215	25	#0	QPSK	17.94	37	PASS
Band41(2555-2655)	5	41215	1	#0	QAM16	17.11	37	PASS
Band41(2555-2655)	5	41215	1	#Mid	QAM16	18.17	37	PASS
Band41(2555-2655)	5	41215	1	#Max	QAM16	18.04	37	PASS
Band41(2555-2655)	5	41215	12	#0	QAM16	18.95	37	PASS
Band41(2555-2655)	5	41215	12	#Max	QAM16	18.83	37	PASS
Band41(2555-2655)	5	41215	25	#0	QAM16	19.87	37	PASS
Band41(2555-2655)	10	40290	1	#0	QPSK	19.69	37	PASS
Band41(2555-2655)	10	40290	1	#Mid	QPSK	19.99	37	PASS
Band41(2555-2655)	10	40290	1	#Max	QPSK	19.62	37	PASS
Band41(2555-2655)	10	40290	25	#0	QPSK	18.87	37	PASS
Band41(2555-2655)	10	40290	25	#Max	QPSK	19.84	37	PASS
Band41(2555-2655)	10	40290	50	#0	QPSK	19.87	37	PASS
Band41(2555-2655)	10	40290	1	#0	QAM16	19.07	37	PASS
Band41(2555-2655)	10	40290	1	#Mid	QAM16	19.37	37	PASS
Band41(2555-2655)	10	40290	1	#Max	QAM16	19.00	37	PASS
Band41(2555-2655)	10	40290	25	#0	QAM16	19.92	37	PASS
Band41(2555-2655)	10	40290	25	#Max	QAM16	19.89	37	PASS
Band41(2555-2655)	10	40290	50	#0	QAM16	18.80	37	PASS
Band41(2555-2655)	10	40740	1	#0	QPSK	19.24	37	PASS
Band41(2555-2655)	10	40740	1	#Mid	QPSK	19.45	37	PASS
Band41(2555-2655)	10	40740	1	#Max	QPSK	18.11	37	PASS
Band41(2555-2655)	10	40740	25	#0	QPSK	19.32	37	PASS
Band41(2555-2655)	10	40740	25	#Max	QPSK	19.16	37	PASS
Band41(2555-2655)	10	40740	50	#0	QPSK	19.25	37	PASS
Band41(2555-2655)	10	40740	1	#0	QAM16	16.24	37	PASS
Band41(2555-2655)	10	40740	1	#Mid	QAM16	19.45	37	PASS
Band41(2555-2655)	10	40740	1	#Max	QAM16	19.11	37	PASS
Band41(2555-2655)	10	40740	25	#0	QAM16	18.31	37	PASS
Band41(2555-2655)	10	40740	25	#Max	QAM16	18.18	37	PASS
Band41(2555-2655)	10	40740	50	#0	QAM16	19.18	37	PASS
Band41(2555-2655)	10	41190	1	#0	QPSK	18.92	37	PASS
Band41(2555-2655)	10	41190	1	#Mid	QPSK	19.23	37	PASS
Band41(2555-2655)	10	41190	1	#Max	QPSK	18.87	37	PASS
Band41(2555-2655)	10	41190	25	#0	QPSK	19.13	37	PASS
Band41(2555-2655)	10	41190	25	#Max	QPSK	19.95	37	PASS
Band41(2555-2655)	10	41190	50	#0	QPSK	18.02	37	PASS
Band41(2555-2655)	10	41190	1	#0	QAM16	19.88	37	PASS
Band41(2555-2655)	10	41190	1	#Mid	QAM16	19.19	37	PASS
Band41(2555-2655)	10	41190	1	#Max	QAM16	18.82	37	PASS
Band41(2555-2655)	10	41190	25	#0	QAM16	19.13	37	PASS
Band41(2555-2655)	10	41190	25	#Max	QAM16	18.92	37	PASS
Band41(2555-2655)	10	41190	50	#0	QAM16	19.00	37	PASS
Band41(2555-2655)	15	40315	1	#0	QPSK	19.53	37	PASS
Band41(2555-2655)	15	40315	1	#Mid	QPSK	18.66	37	PASS
Band41(2555-2655)	15	40315	1	#Max	QPSK	19.36	37	PASS

Band41(2555-2655)	15	40315	36	#0	QPSK	18.77	37	PASS
Band41(2555-2655)	15	40315	36	#Max	QPSK	19.66	37	PASS
Band41(2555-2655)	15	40315	75	#0	QPSK	18.75	37	PASS
Band41(2555-2655)	15	40315	1	#0	QAM16	19.92	37	PASS
Band41(2555-2655)	15	40315	1	#Mid	QAM16	18.07	37	PASS
Band41(2555-2655)	15	40315	1	#Max	QAM16	18.73	37	PASS
Band41(2555-2655)	15	40315	36	#0	QAM16	18.79	37	PASS
Band41(2555-2655)	15	40315	36	#Max	QAM16	18.69	37	PASS
Band41(2555-2655)	15	40315	75	#0	QAM16	18.70	37	PASS
Band41(2555-2655)	15	40740	1	#0	QPSK	19.08	37	PASS
Band41(2555-2655)	15	40740	1	#Mid	QPSK	18.21	37	PASS
Band41(2555-2655)	15	40740	1	#Max	QPSK	19.93	37	PASS
Band41(2555-2655)	15	40740	36	#0	QPSK	19.22	37	PASS
Band41(2555-2655)	15	40740	36	#Max	QPSK	18.08	37	PASS
Band41(2555-2655)	15	40740	75	#0	QPSK	19.15	37	PASS
Band41(2555-2655)	15	40740	1	#0	QAM16	18.10	37	PASS
Band41(2555-2655)	15	40740	1	#Mid	QAM16	19.21	37	PASS
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Band41(2555-2655)	15	40740	36	#0	QAM16	19.23	37	PASS
Band41(2555-2655)	15	40740	36	#Max	QAM16	19.10	37	PASS
Band41(2555-2655)	15	40740	75	#0	QAM16	19.10	37	PASS
Band41(2555-2655)	15	41165	1	#0	QPSK	18.76	37	PASS
Band41(2555-2655)	15	41165	1	#Mid	QPSK	18.05	37	PASS
Band41(2555-2655)	15	41165	1	#Max	QPSK	19.76	37	PASS
Band41(2555-2655)	15	41165	36	#0	QPSK	19.99	37	PASS
Band41(2555-2655)	15	41165	36	#Max	QPSK	18.93	37	PASS
Band41(2555-2655)	15	41165	75	#0	QPSK	18.98	37	PASS
Band41(2555-2655)	15	41165	1	#0	QAM16	19.78	37	PASS
Band41(2555-2655)	15	41165	1	#Mid	QAM16	18.09	37	PASS
Band41(2555-2655)	15	41165	1	#Max	QAM16	18.81	37	PASS
Band41(2555-2655)	15	41165	36	#0	QAM16	19.99	37	PASS
Band41(2555-2655)	15	41165	36	#Max	QAM16	18.91	37	PASS
Band41(2555-2655)	15	41165	75	#0	QAM16	19.99	37	PASS
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Band41(2555-2655)	20	40340	1	#Mid	QPSK	18.83	37	PASS
Band41(2555-2655)	20	40340	1	#Max	QPSK	19.18	37	PASS
Band41(2555-2655)	20	40340	50	#0	QPSK	18.87	37	PASS
Band41(2555-2655)	20	40340	50	#Max	QPSK	19.69	37	PASS
Band41(2555-2655)	20	40340	100	#0	QPSK	18.79	37	PASS
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Band41(2555-2655)	20	40340	50	#0	QAM16	18.85	37	PASS
Band41(2555-2655)	20	40340	50	#Max	QAM16	18.67	37	PASS
Band41(2555-2655)	20	40340	100	#0	QAM16	18.73	37	PASS
Band41(2555-2655)	20	40740	1	#0	QPSK	18.95	37	PASS
Band41(2555-2655)	20	40740	1	#Mid	QPSK	17.34	37	PASS
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Band41(2555-2655)	20	40740	50	#0	QPSK	16.35	37	PASS
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Band41(2555-2655)	20	41140	1	#Mid	QPSK	18.08	37	PASS
Band41(2555-2655)	20	41140	1	#Max	QPSK	18.63	37	PASS
Band41(2555-2655)	20	41140	50	#0	QPSK	18.02	37	PASS
Band41(2555-2655)	20	41140	50	#Max	QPSK	18.90	37	PASS
Band41(2555-2655)	20	41140	100	#0	QPSK	18.96	37	PASS
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Band5	1.4	20407	1	#Mid	QAM16	21.22	37	PASS
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Band5	1.4	20407	3	#Max	QAM16	21.23	37	PASS
Band5	1.4	20407	6	#0	QAM16	20.20	37	PASS
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Band5	1.4	20525	1	#Mid	QPSK	22.09	37	PASS
Band5	1.4	20525	1	#Max	QPSK	21.92	37	PASS
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Band5	1.4	20525	6	#0	QPSK	20.85	37	PASS
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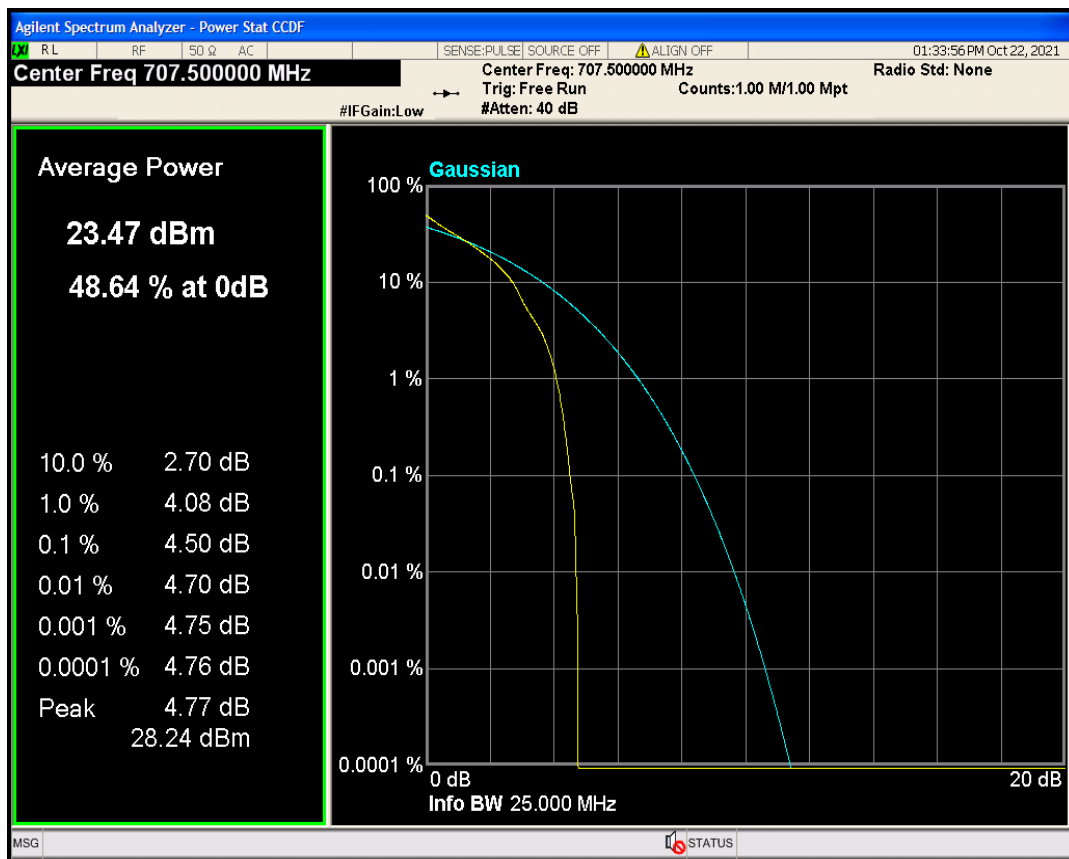
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Band7	15	21100	1	#Max	QAM16	17.84	37	PASS
Band7	15	21100	36	#0	QAM16	17.01	37	PASS
Band7	15	21100	36	#Max	QAM16	19.91	37	PASS
Band7	15	21100	75	#0	QAM16	19.91	37	PASS
Band7	15	21375	1	#0	QPSK	18.97	37	PASS
Band7	15	21375	1	#Mid	QPSK	19.18	37	PASS
Band7	15	21375	1	#Max	QPSK	18.90	37	PASS
Band7	15	21375	36	#0	QPSK	18.13	37	PASS
Band7	15	21375	36	#Max	QPSK	18.05	37	PASS
Band7	15	21375	75	#0	QPSK	18.13	37	PASS
Band7	15	21375	1	#0	QAM16	18.95	37	PASS
Band7	15	21375	1	#Mid	QAM16	18.14	37	PASS
Band7	15	21375	1	#Max	QAM16	17.87	37	PASS
Band7	15	21375	36	#0	QAM16	17.17	37	PASS
Band7	15	21375	36	#Max	QAM16	17.09	37	PASS
Band7	15	21375	75	#0	QAM16	17.13	37	PASS
Band7	20	20850	1	#0	QPSK	19.54	37	PASS
Band7	20	20850	1	#Mid	QPSK	19.42	37	PASS
Band7	20	20850	1	#Max	QPSK	18.98	37	PASS
Band7	20	20850	50	#0	QPSK	19.62	37	PASS
Band7	20	20850	50	#Max	QPSK	18.51	37	PASS
Band7	20	20850	100	#0	QPSK	18.32	37	PASS
Band7	20	20850	1	#0	QAM16	18.62	37	PASS
Band7	20	20850	1	#Mid	QAM16	18.92	37	PASS
Band7	20	20850	1	#Max	QAM16	18.52	37	PASS
Band7	20	20850	50	#0	QAM16	18.62	37	PASS
Band7	20	20850	50	#Max	QAM16	19.68	37	PASS
Band7	20	20850	100	#0	QAM16	19.76	37	PASS
Band7	20	21100	1	#0	QPSK	19.28	37	PASS
Band7	20	21100	1	#Mid	QPSK	19.49	37	PASS
Band7	20	21100	1	#Max	QPSK	19.05	37	PASS
Band7	20	21100	50	#0	QPSK	18.48	37	PASS
Band7	20	21100	50	#Max	QPSK	18.39	37	PASS
Band7	20	21100	100	#0	QPSK	18.44	37	PASS
Band7	20	21100	1	#0	QAM16	18.47	37	PASS
Band7	20	21100	1	#Mid	QAM16	18.69	37	PASS
Band7	20	21100	1	#Max	QAM16	18.24	37	PASS
Band7	20	21100	50	#0	QAM16	17.57	37	PASS
Band7	20	21100	50	#Max	QAM16	17.44	37	PASS
Band7	20	21100	100	#0	QAM16	17.44	37	PASS
Band7	20	21350	1	#0	QPSK	18.72	37	PASS
Band7	20	21350	1	#Mid	QPSK	19.30	37	PASS
Band7	20	21350	1	#Max	QPSK	18.80	37	PASS
Band7	20	21350	50	#0	QPSK	18.20	37	PASS
Band7	20	21350	50	#Max	QPSK	18.08	37	PASS
Band7	20	21350	100	#0	QPSK	18.15	37	PASS
Band7	20	21350	1	#0	QAM16	17.29	37	PASS
Band7	20	21350	1	#Mid	QAM16	18.05	37	PASS
Band7	20	21350	1	#Max	QAM16	17.63	37	PASS
Band7	20	21350	50	#0	QAM16	17.23	37	PASS
Band7	20	21350	50	#Max	QAM16	17.11	37	PASS
Band7	20	21350	100	#0	QAM16	17.18	37	PASS

Appendix B: Peak-to-Average Ratio

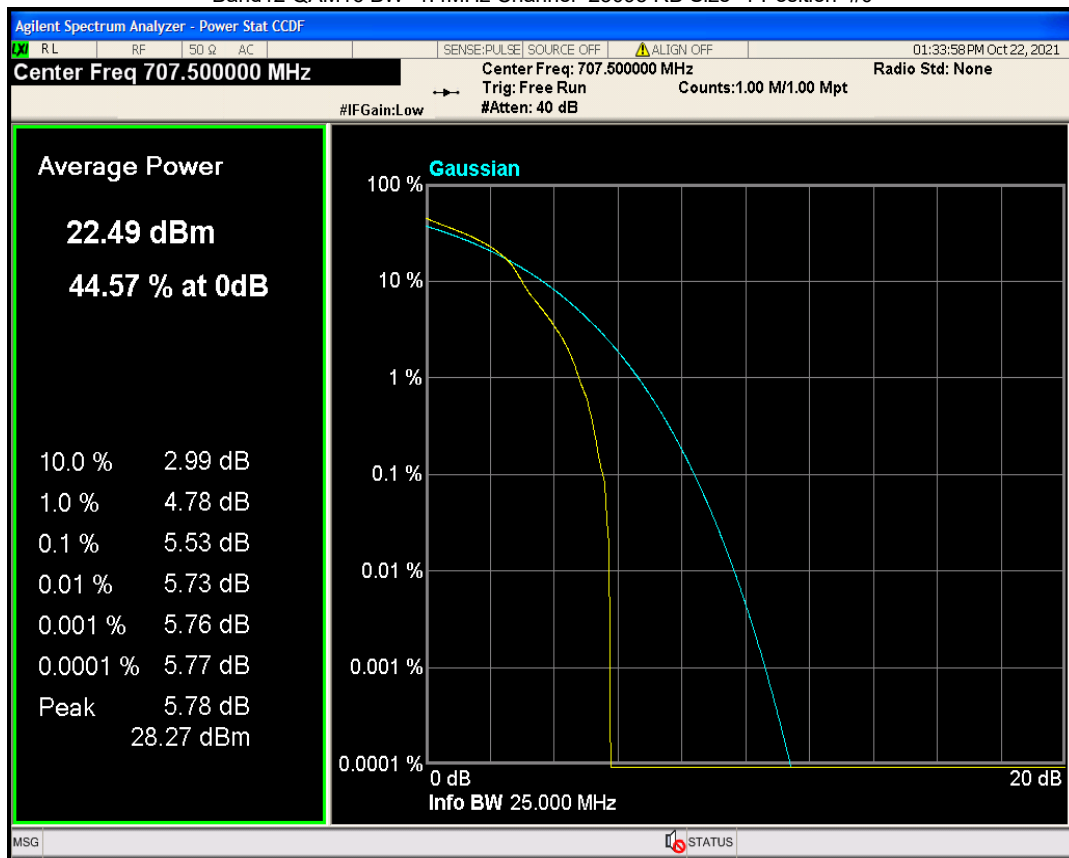
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band12	1.4	23095	1	#0	QPSK	4.50	13	PASS
Band12	1.4	23095	1	#0	QAM16	5.53	13	PASS
Band12	3	23095	1	#0	QPSK	4.38	13	PASS
Band12	3	23095	1	#0	QAM16	5.31	13	PASS

Band12	5	23095	1	#0	QPSK	4.57	13	PASS
Band12	5	23095	1	#0	QAM16	5.32	13	PASS
Band12	10	23095	1	#0	QPSK	4.61	13	PASS
Band12	10	23095	1	#0	QAM16	5.50	13	PASS
Band2	1.4	18900	1	#0	QPSK	5.94	13	PASS
Band2	1.4	18900	1	#0	QAM16	6.67	13	PASS
Band2	3	18900	1	#0	QPSK	5.74	13	PASS
Band2	3	18900	1	#0	QAM16	6.60	13	PASS
Band2	5	18900	1	#0	QPSK	6.11	13	PASS
Band2	5	18900	1	#0	QAM16	6.55	13	PASS
Band2	10	18900	1	#0	QPSK	5.80	13	PASS
Band2	10	18900	1	#0	QAM16	6.74	13	PASS
Band2	15	18900	1	#0	QPSK	5.67	13	PASS
Band2	15	18900	1	#0	QAM16	6.51	13	PASS
Band2	20	18900	1	#0	QPSK	5.40	13	PASS
Band2	20	18900	1	#0	QAM16	5.79	13	PASS
Band38	5	38000	1	#0	QPSK	8.17	13	PASS
Band38	5	38000	1	#0	QAM16	8.11	13	PASS
Band38	10	38000	1	#0	QPSK	9.72	13	PASS
Band38	10	38000	1	#0	QAM16	11.35	13	PASS
Band38	15	38000	1	#0	QPSK	10.00	13	PASS
Band38	15	38000	1	#0	QAM16	10.04	13	PASS
Band38	20	38000	1	#0	QPSK	8.79	13	PASS
Band38	20	38000	1	#0	QAM16	9.94	13	PASS
Band41(2555-2655)	5	40740	1	#0	QAM16	8.94	13	PASS
Band41(2555-2655)	10	40740	1	#0	QPSK	9.81	13	PASS
Band41(2555-2655)	10	40740	1	#0	QAM16	9.10	13	PASS
Band41(2555-2655)	15	40740	1	#0	QPSK	9.67	13	PASS
Band41(2555-2655)	15	40740	1	#0	QAM16	10.02	13	PASS
Band41(2555-2655)	20	40740	1	#0	QPSK	10.64	13	PASS
Band41(2555-2655)	20	40740	1	#0	QAM16	8.50	13	PASS
Band5	1.4	20525	1	#0	QPSK	5.11	13	PASS
Band5	1.4	20525	1	#0	QAM16	5.90	13	PASS
Band5	3	20525	1	#0	QPSK	4.97	13	PASS
Band5	3	20525	1	#0	QAM16	5.66	13	PASS
Band5	5	20525	1	#0	QPSK	5.13	13	PASS
Band5	5	20525	1	#0	QAM16	5.64	13	PASS
Band5	10	20525	1	#0	QPSK	4.77	13	PASS
Band5	10	20525	1	#0	QAM16	5.58	13	PASS
Band7	5	21100	1	#0	QPSK	6.16	13	PASS
Band7	5	21100	1	#0	QAM16	6.28	13	PASS
Band7	10	21100	1	#0	QPSK	5.70	13	PASS
Band7	10	21100	1	#0	QAM16	6.62	13	PASS
Band7	15	21100	1	#0	QPSK	5.40	13	PASS
Band7	15	21100	1	#0	QAM16	6.55	13	PASS
Band7	20	21100	1	#0	QPSK	5.64	13	PASS
Band7	20	21100	1	#0	QAM16	5.83	13	PASS

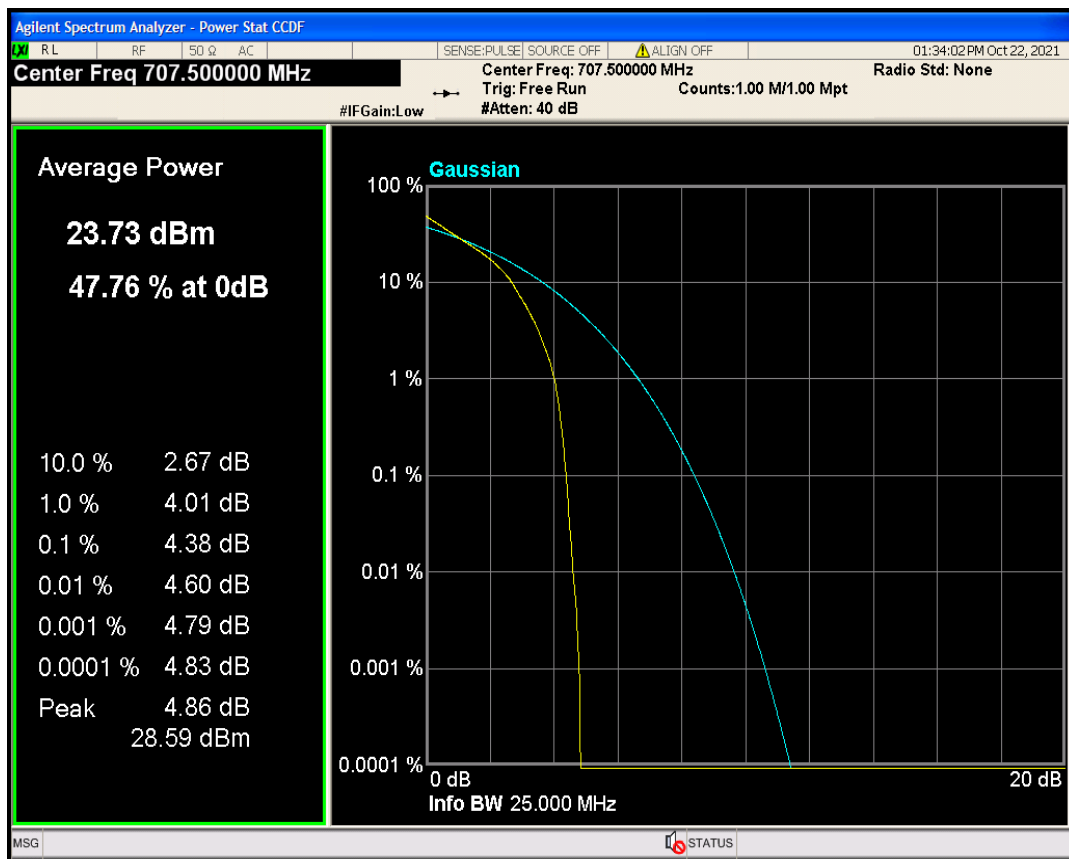
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=1 Position=#0



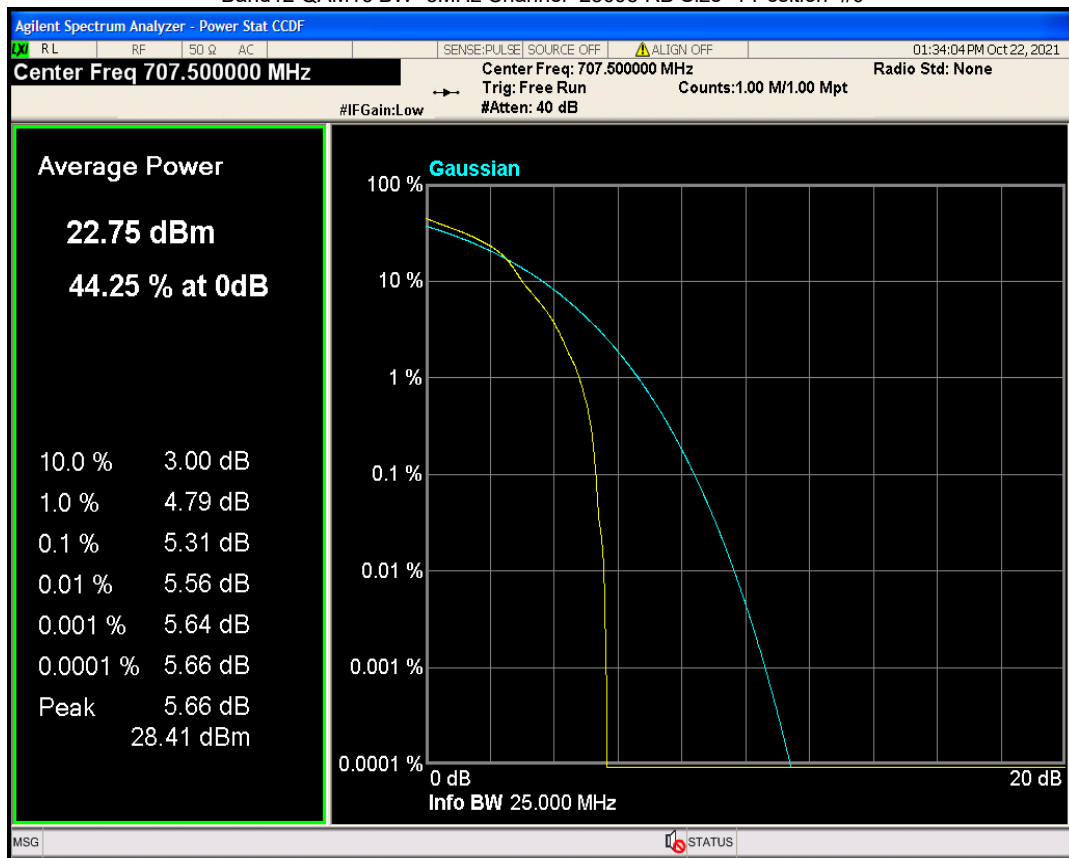
Band12 QAM16 BW=1.4MHz Channel=23095 RB Size=1 Position=#0



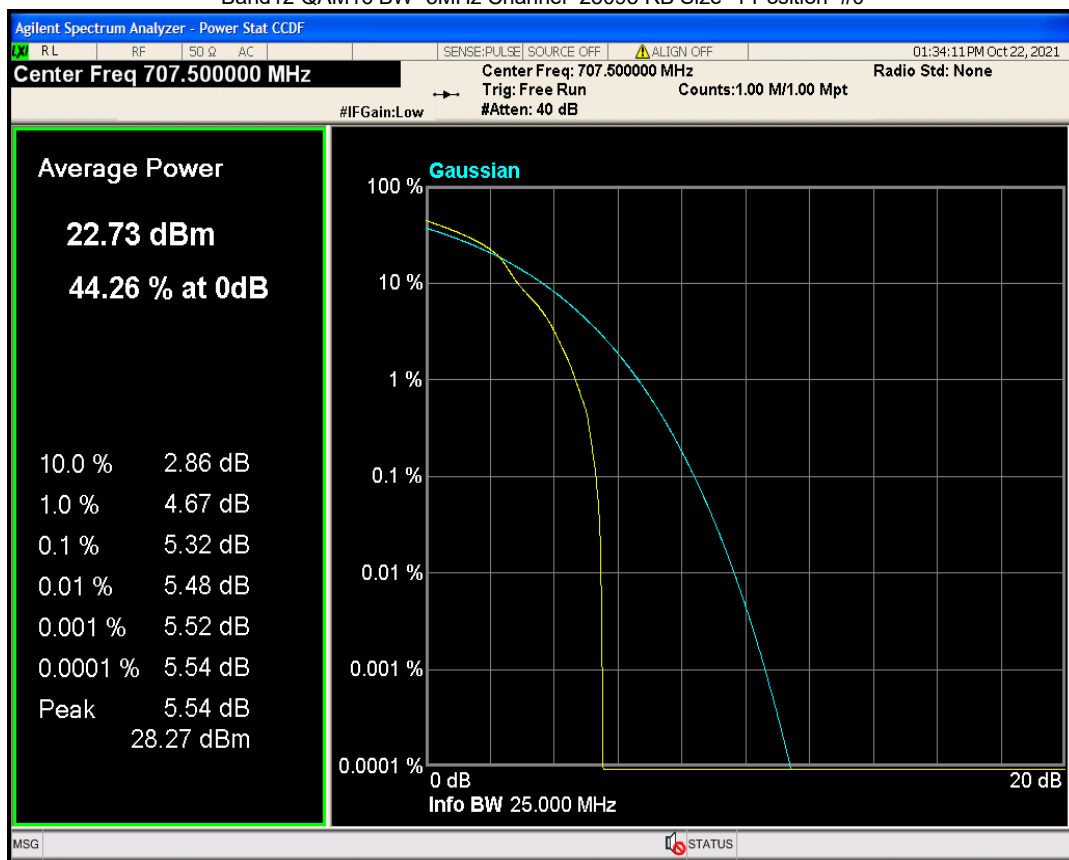
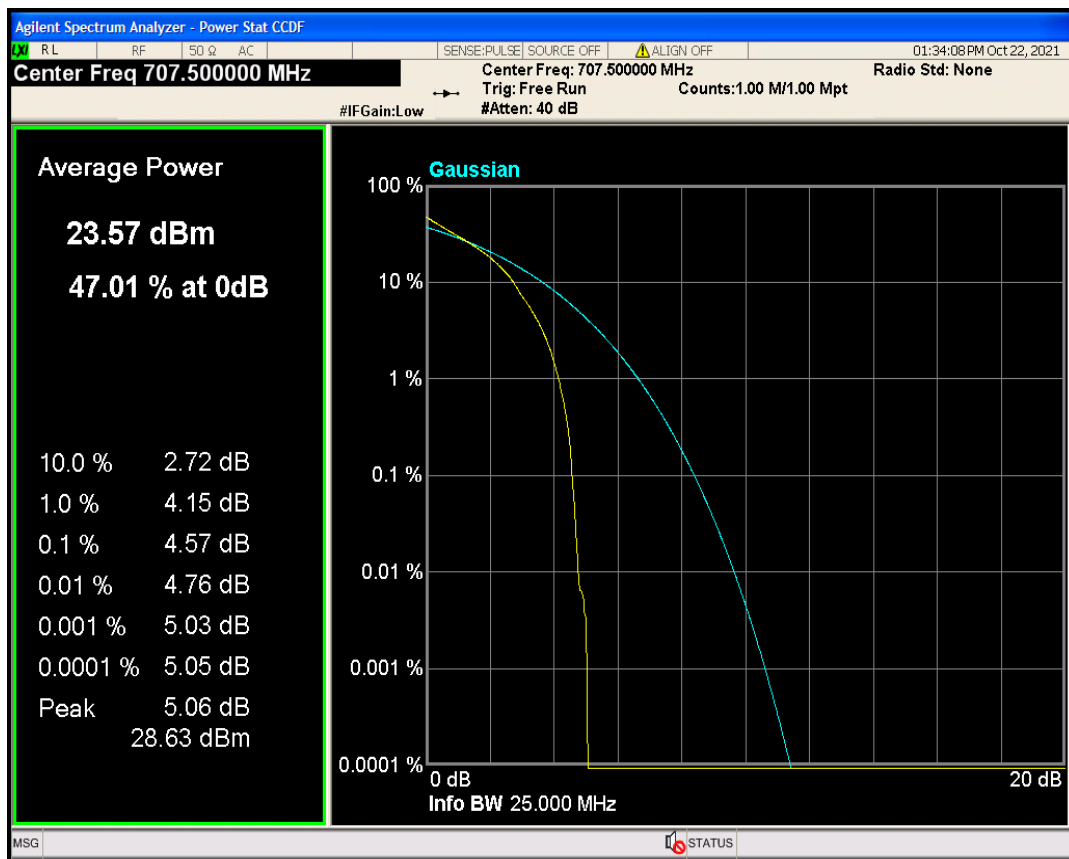
Band12 QPSK BW=3MHz Channel=23095 RB Size=1 Position=#0

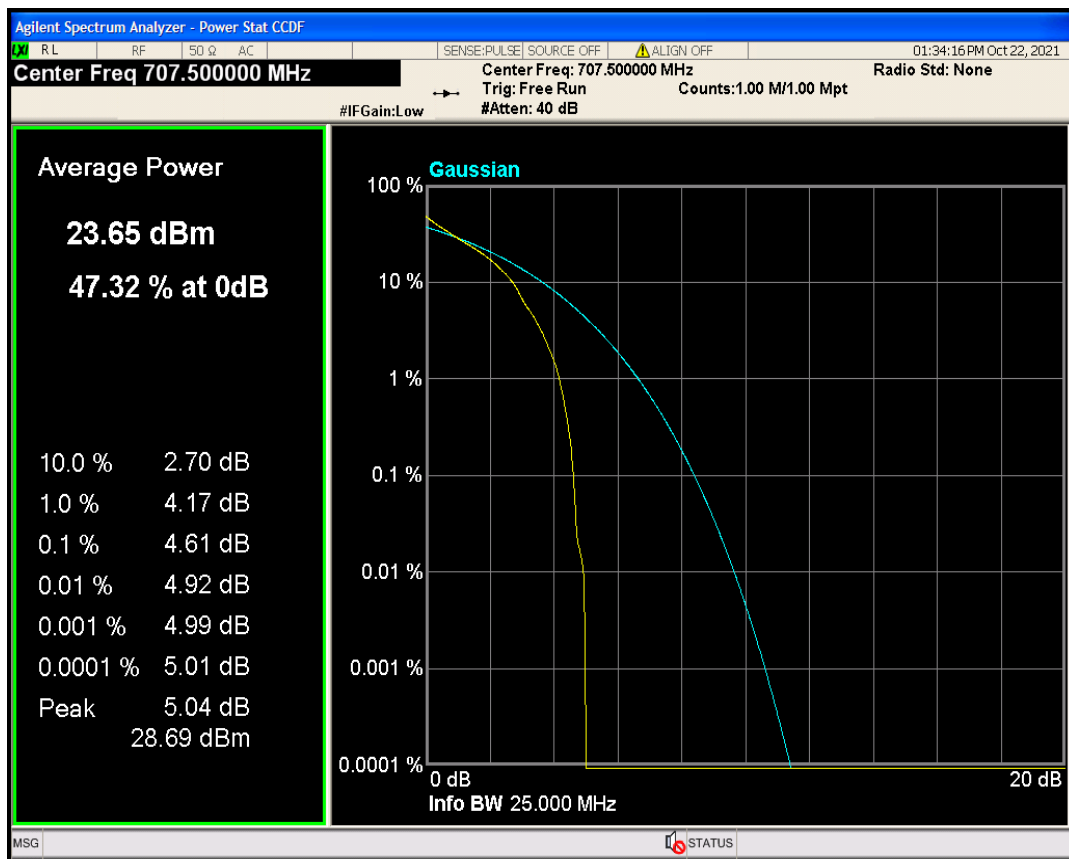


Band12 QAM16 BW=3MHz Channel=23095 RB Size=1 Position=#0

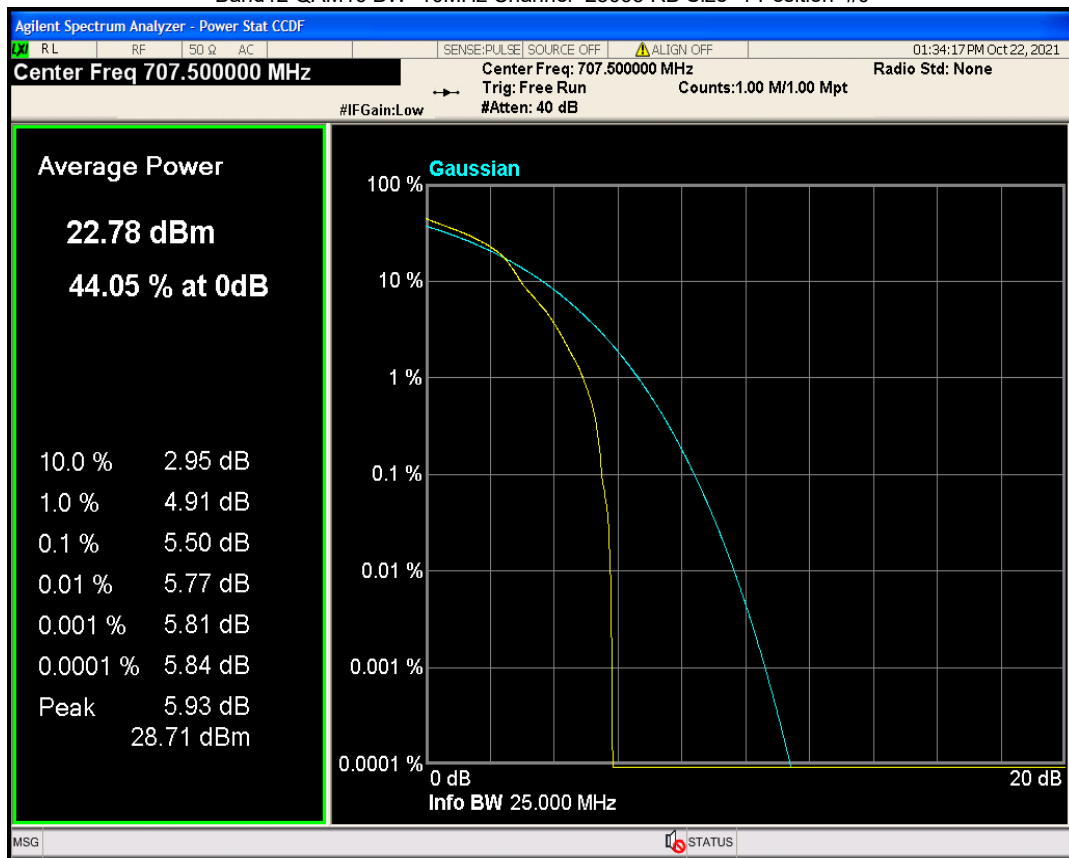


Band12 QPSK BW=5MHz Channel=23095 RB Size=1 Position=#0

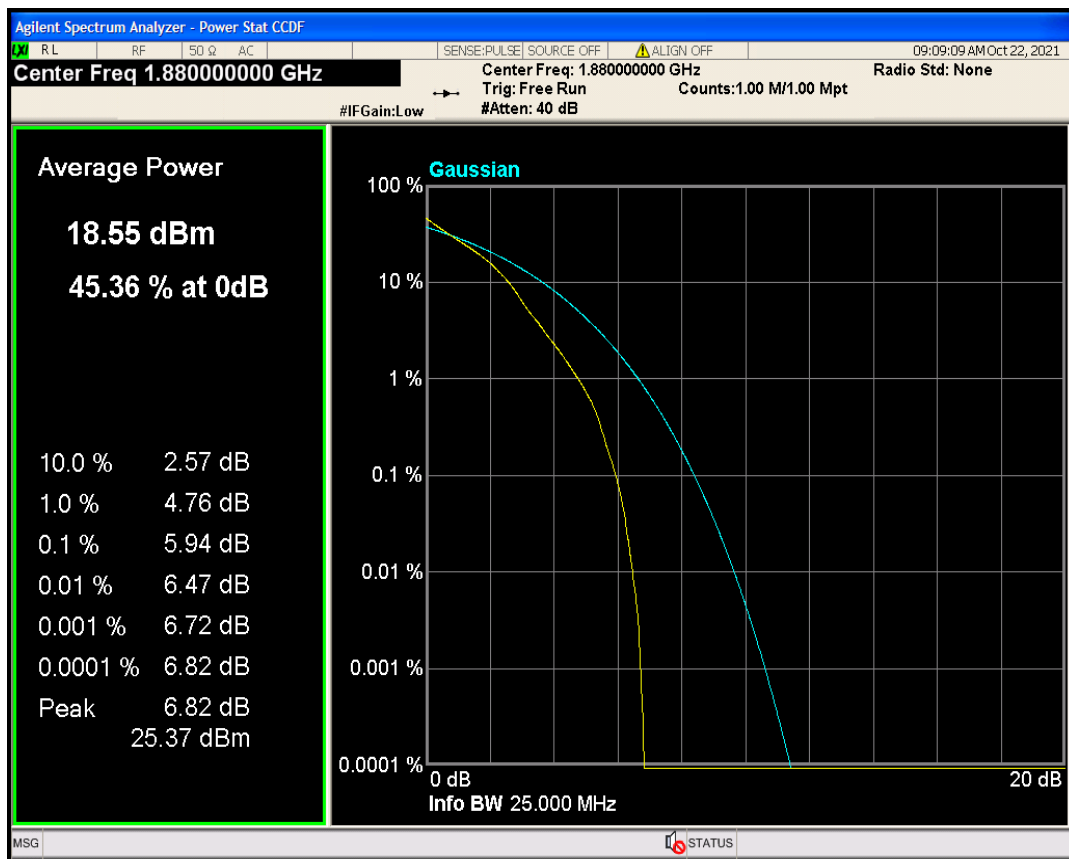




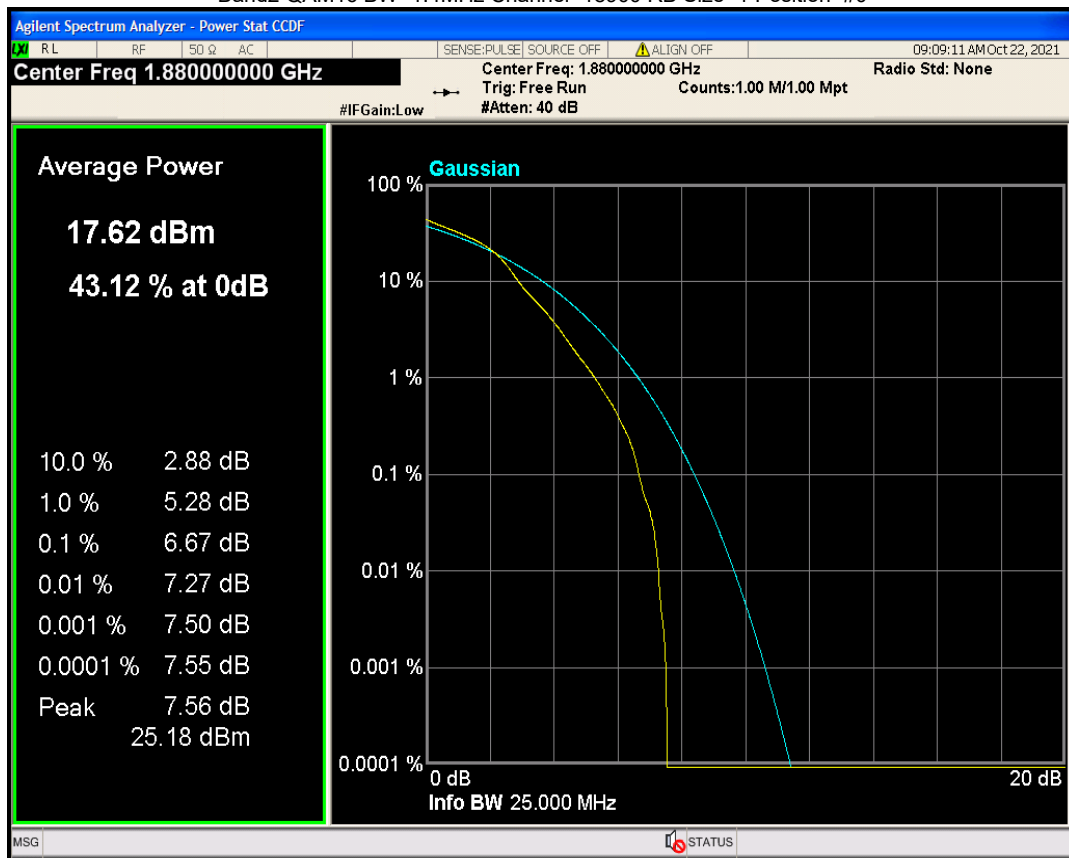
Band12 QAM16 BW=10MHz Channel=23095 RB Size=1 Position=#0



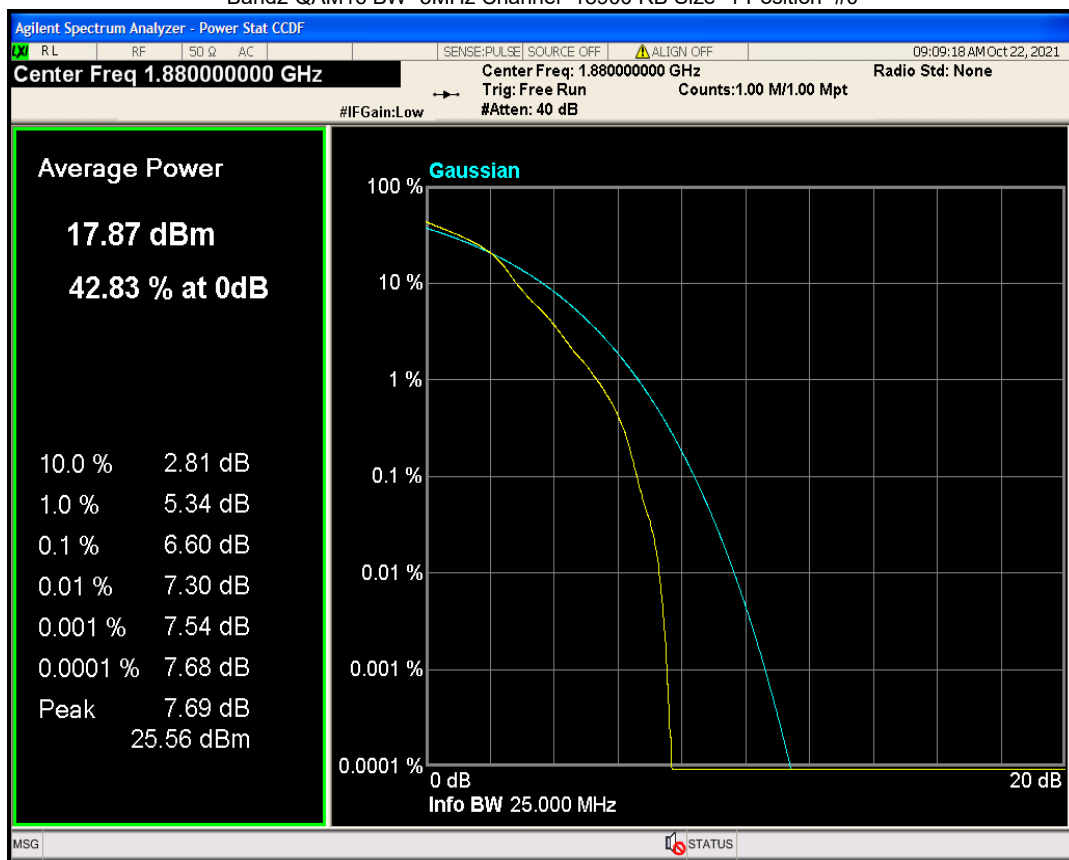
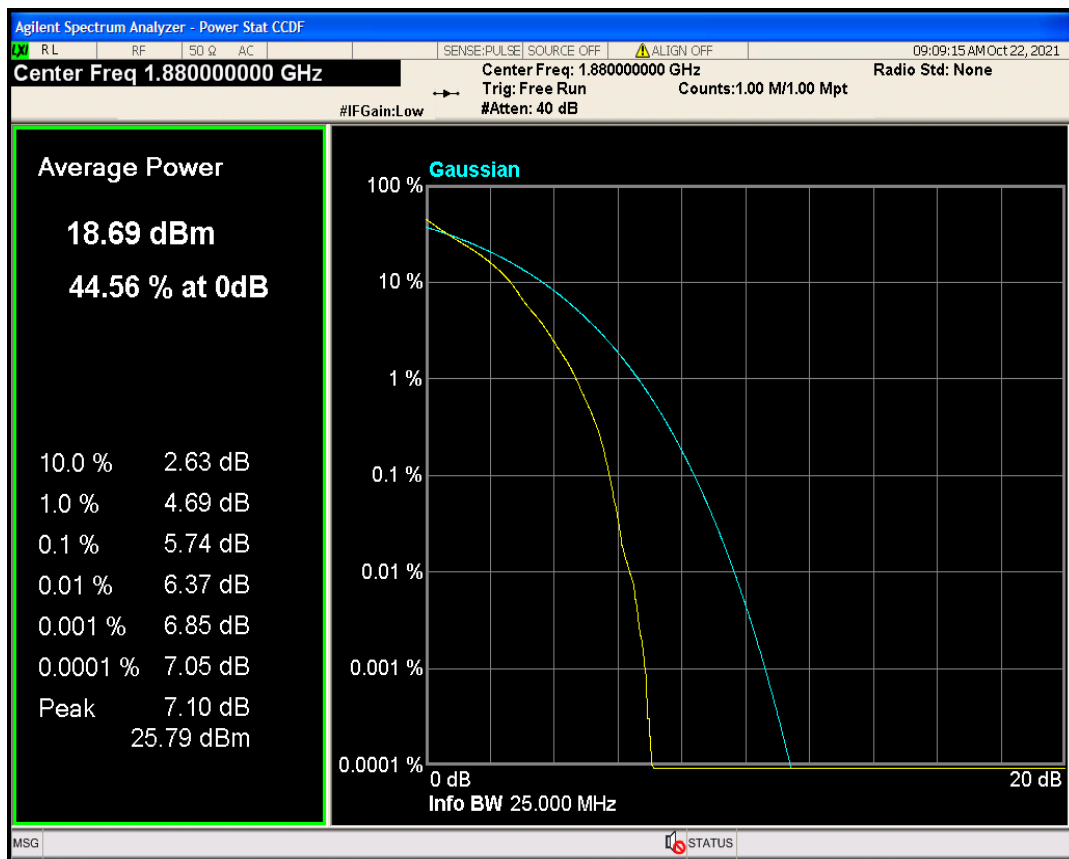
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=1 Position=#0

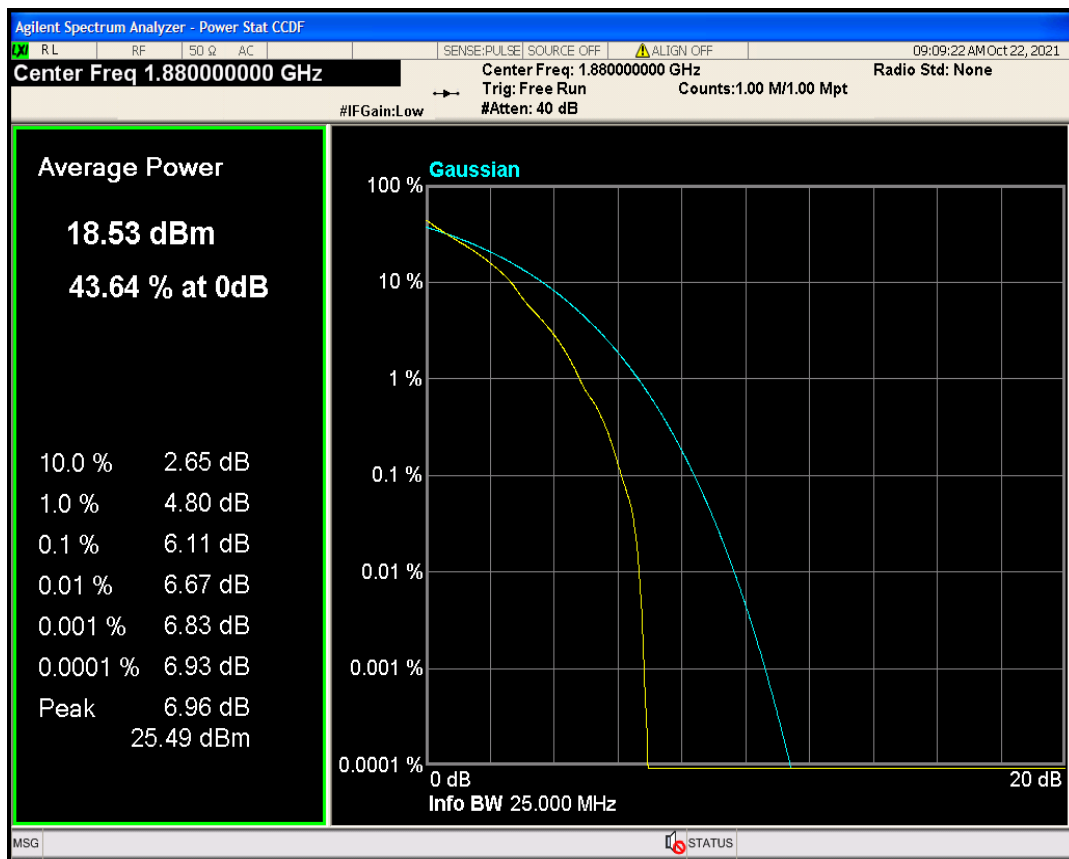


Band2 QAM16 BW=1.4MHz Channel=18900 RB Size=1 Position=#0

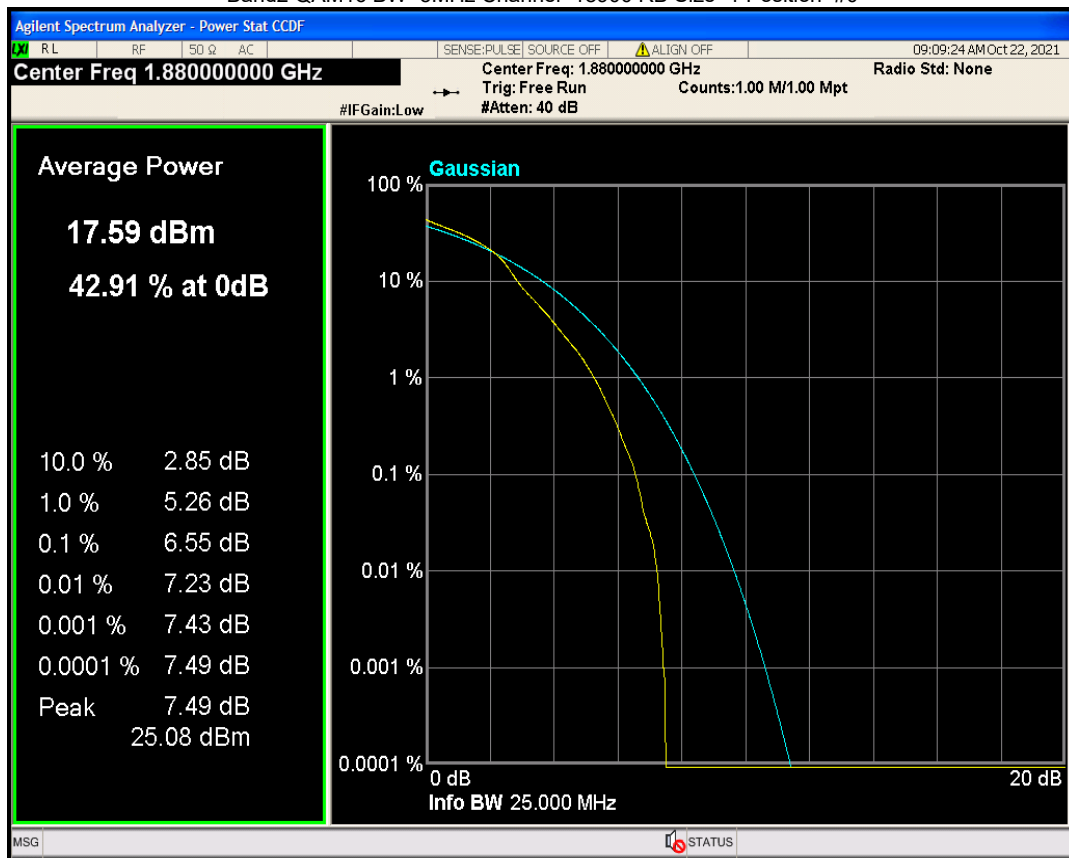


Band2 QPSK BW=3MHz Channel=18900 RB Size=1 Position=#0

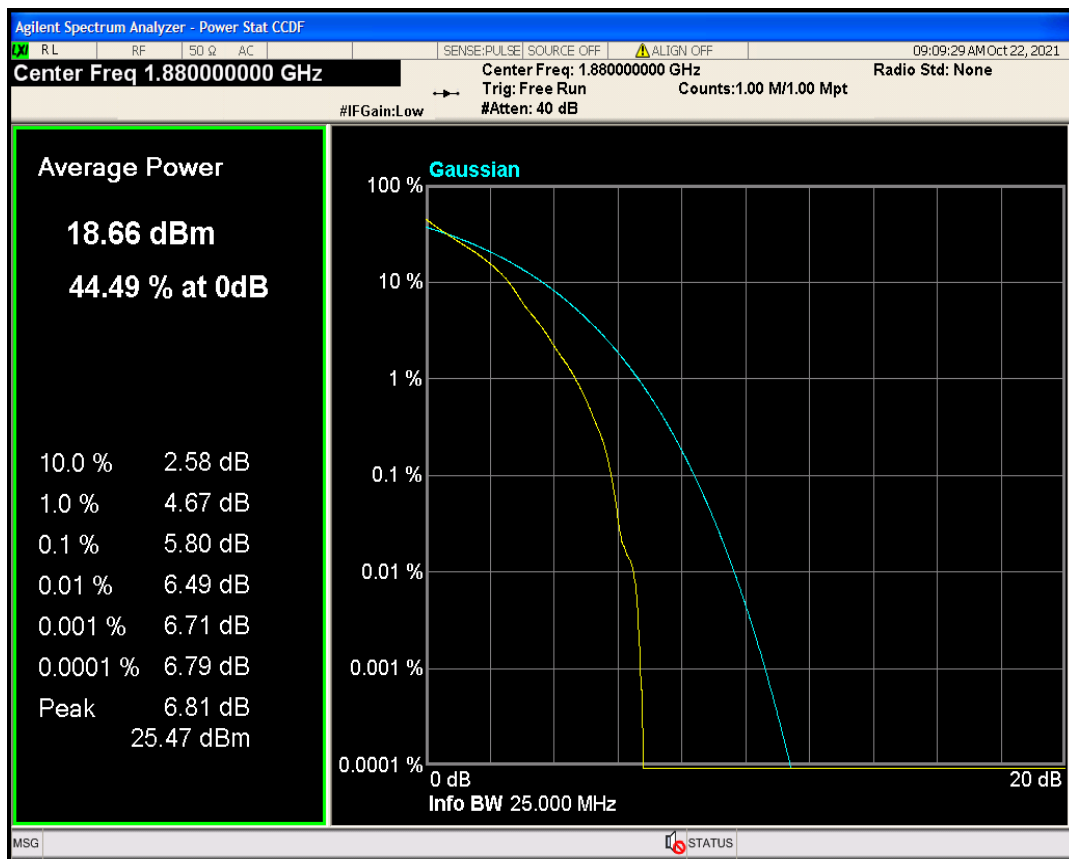




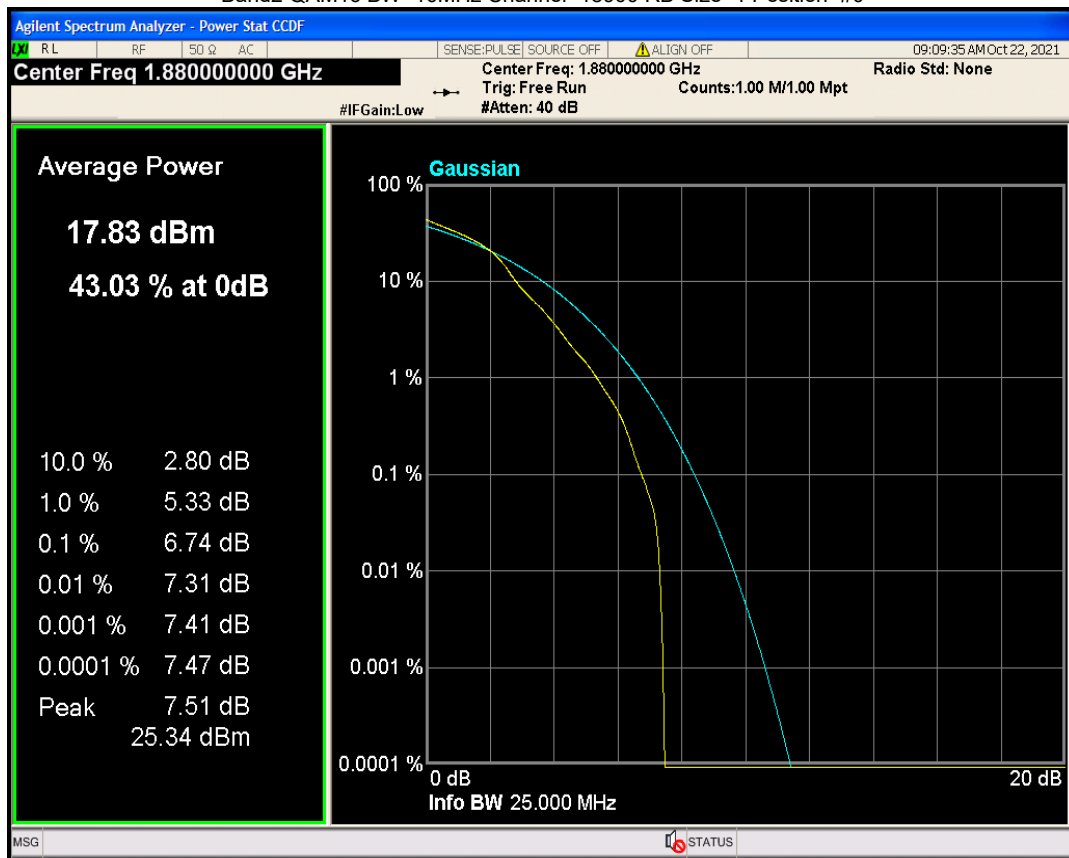
Band2 QAM16 BW=5MHz Channel=18900 RB Size=1 Position=#0



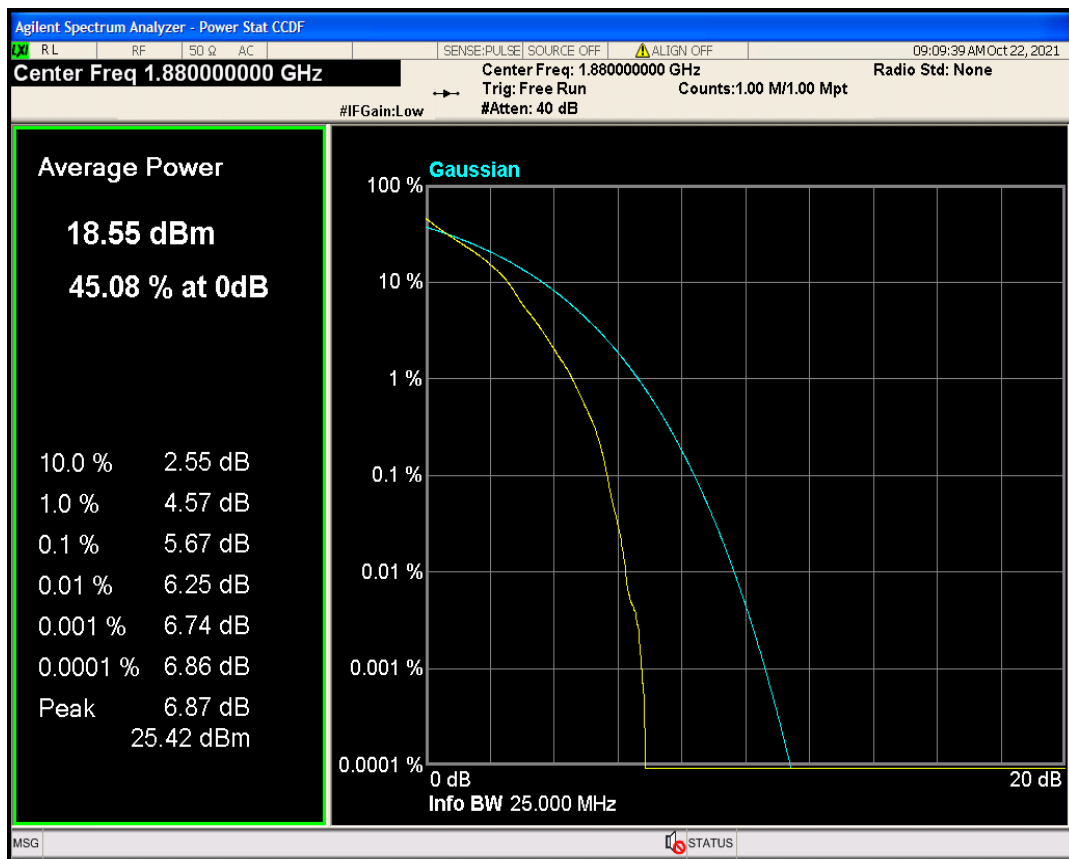
Band2 QPSK BW=10MHz Channel=18900 RB Size=1 Position=#0



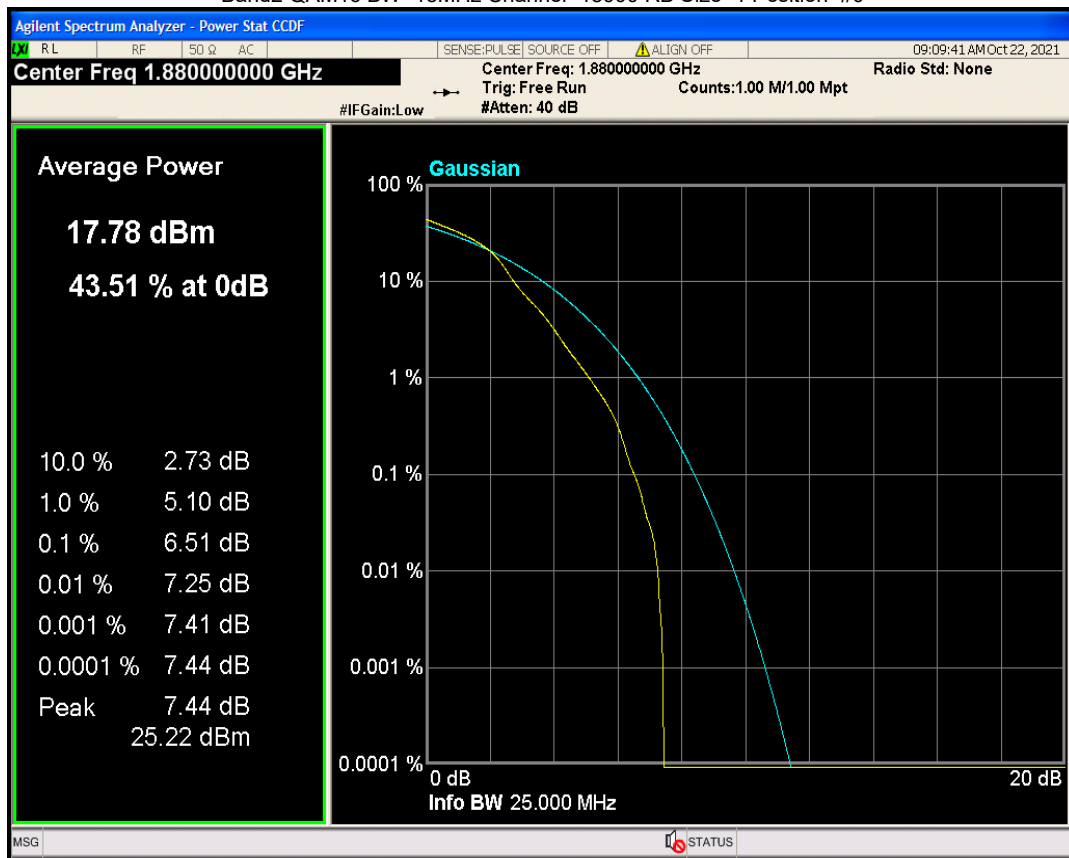
Band2 QAM16 BW=10MHz Channel=18900 RB Size=1 Position=#0



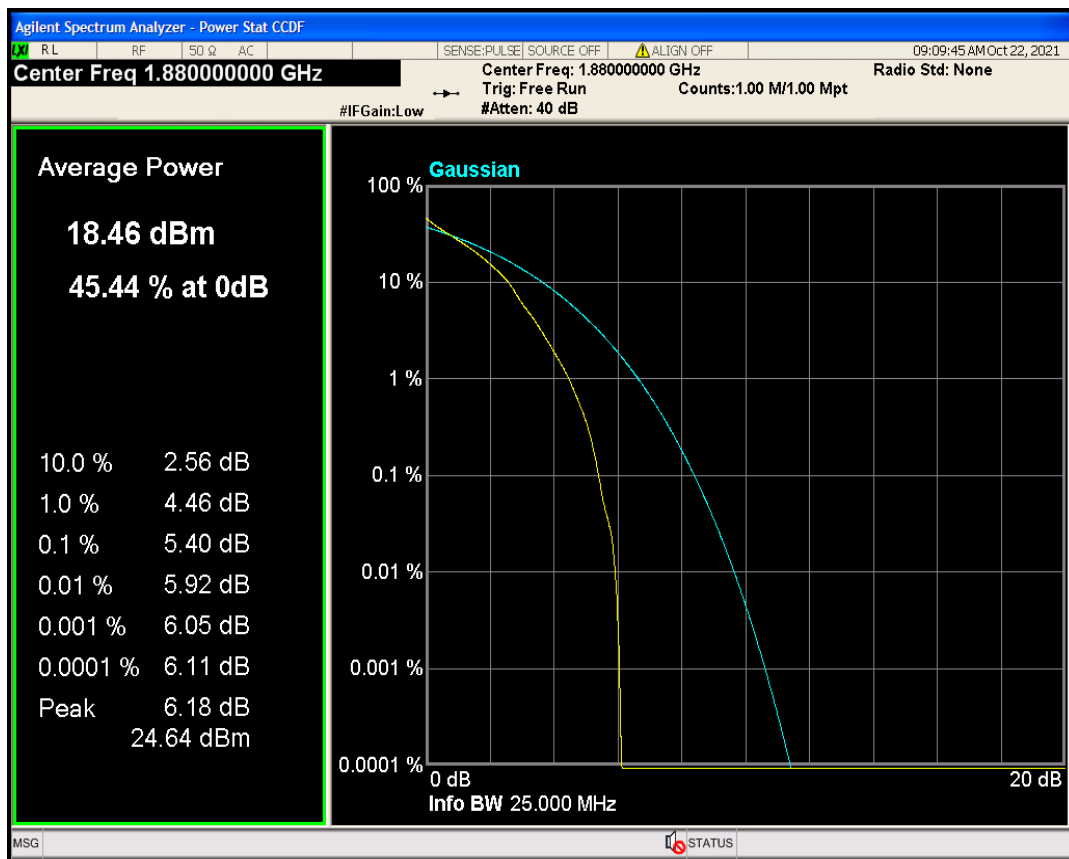
Band2 QPSK BW=15MHz Channel=18900 RB Size=1 Position=#0



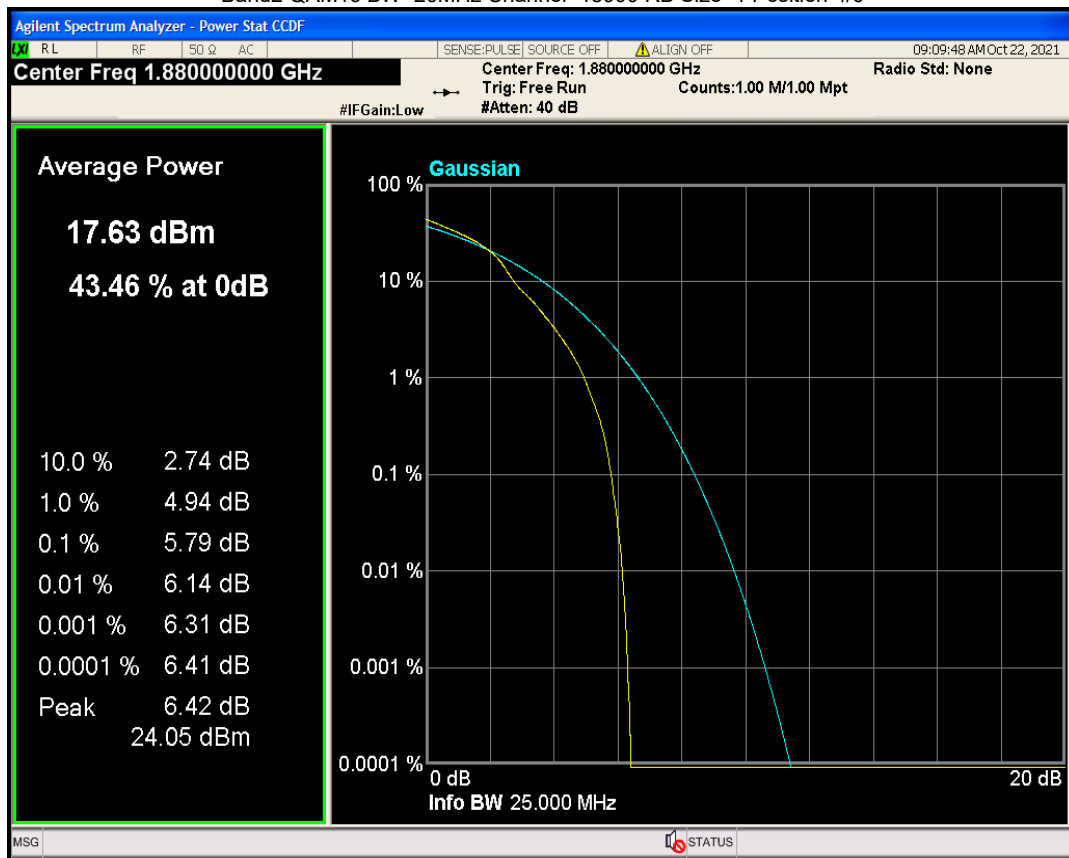
Band2 QAM16 BW=15MHz Channel=18900 RB Size=1 Position=#0



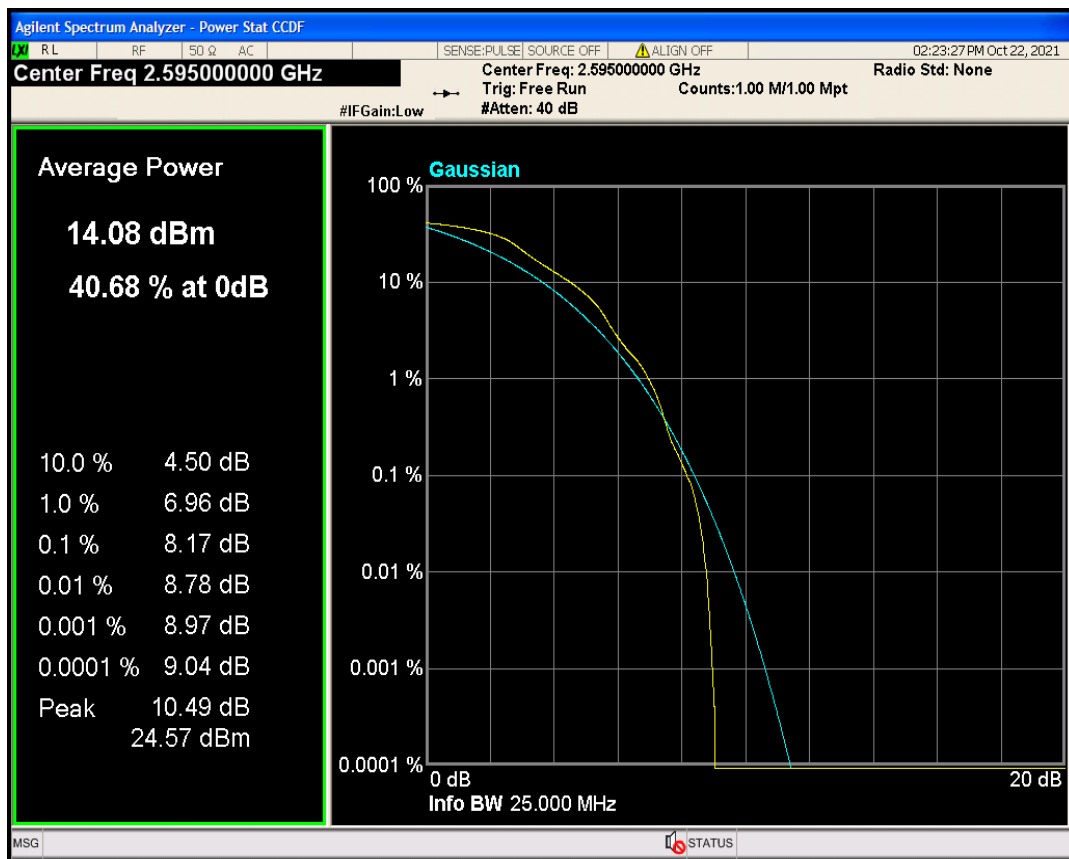
Band2 QPSK BW=20MHz Channel=18900 RB Size=1 Position=#0



Band2 QAM16 BW=20MHz Channel=18900 RB Size=1 Position=#0



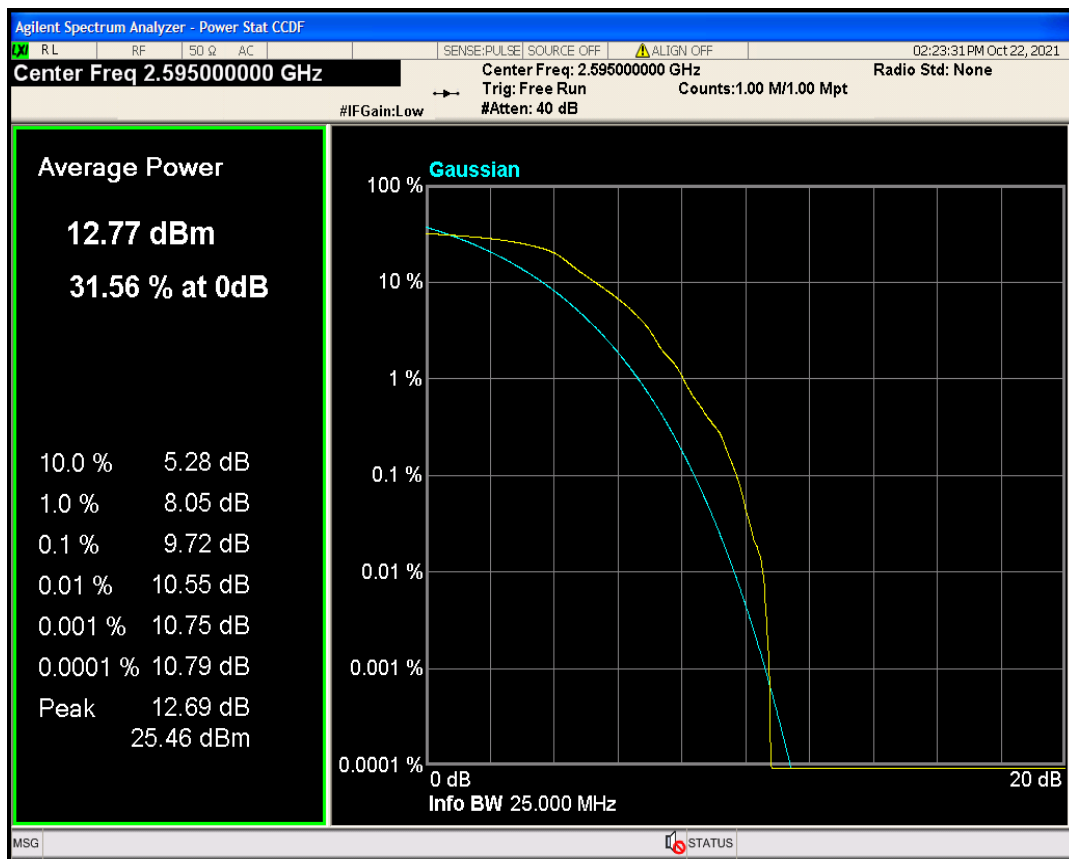
Band38 QPSK BW=5MHz Channel=38000 RB Size=1 Position=#0



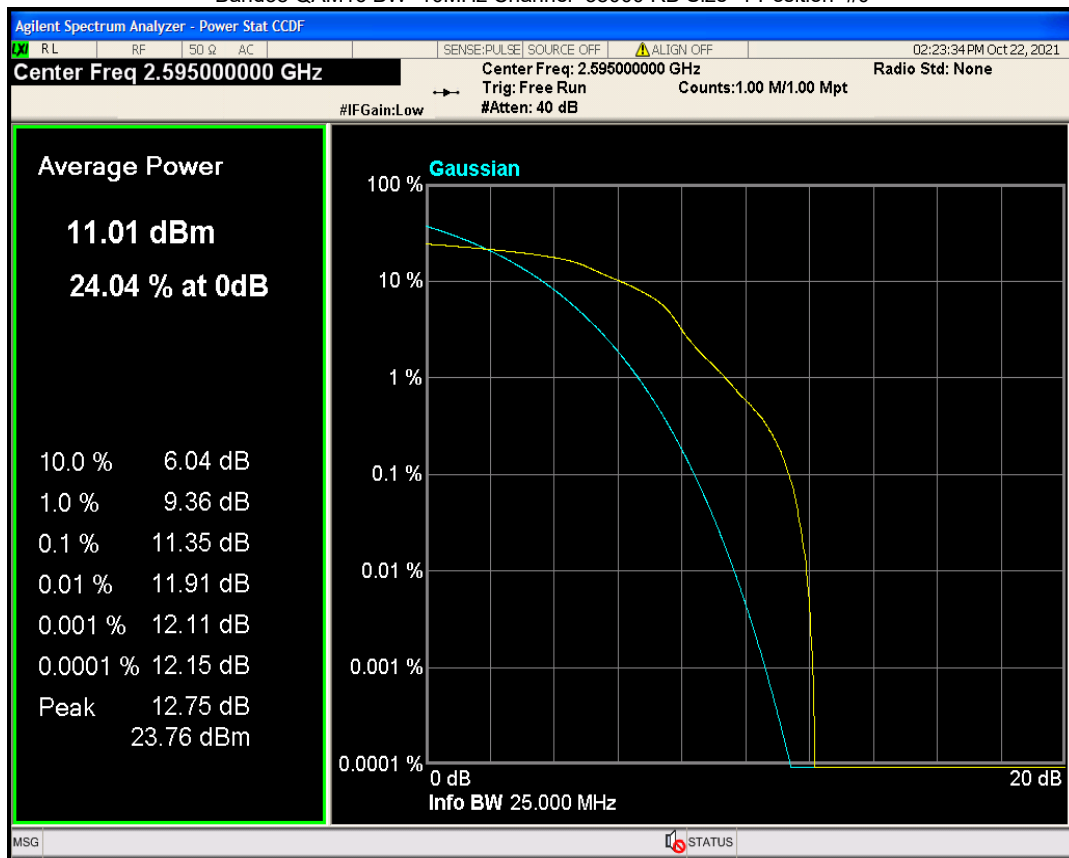
Band38 QAM16 BW=5MHz Channel=38000 RB Size=1 Position=#0



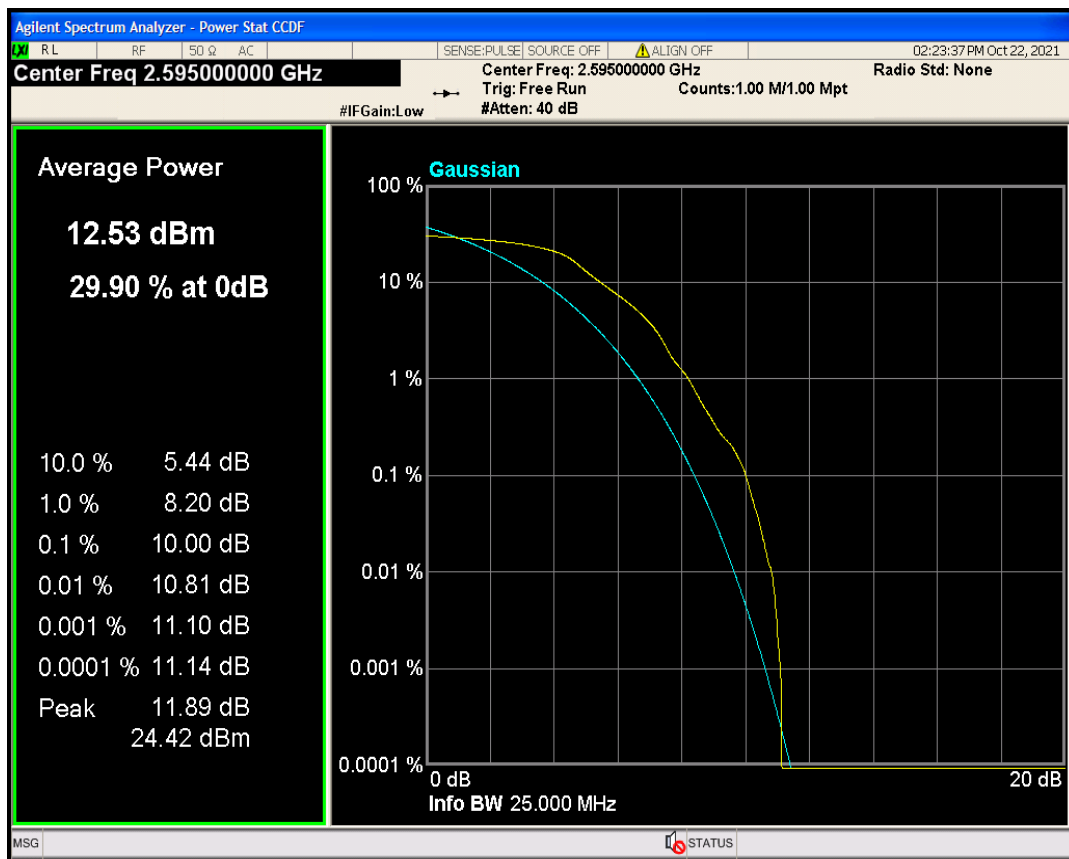
Band38 QPSK BW=10MHz Channel=38000 RB Size=1 Position=#0



Band38 QAM16 BW=10MHz Channel=38000 RB Size=1 Position=#0



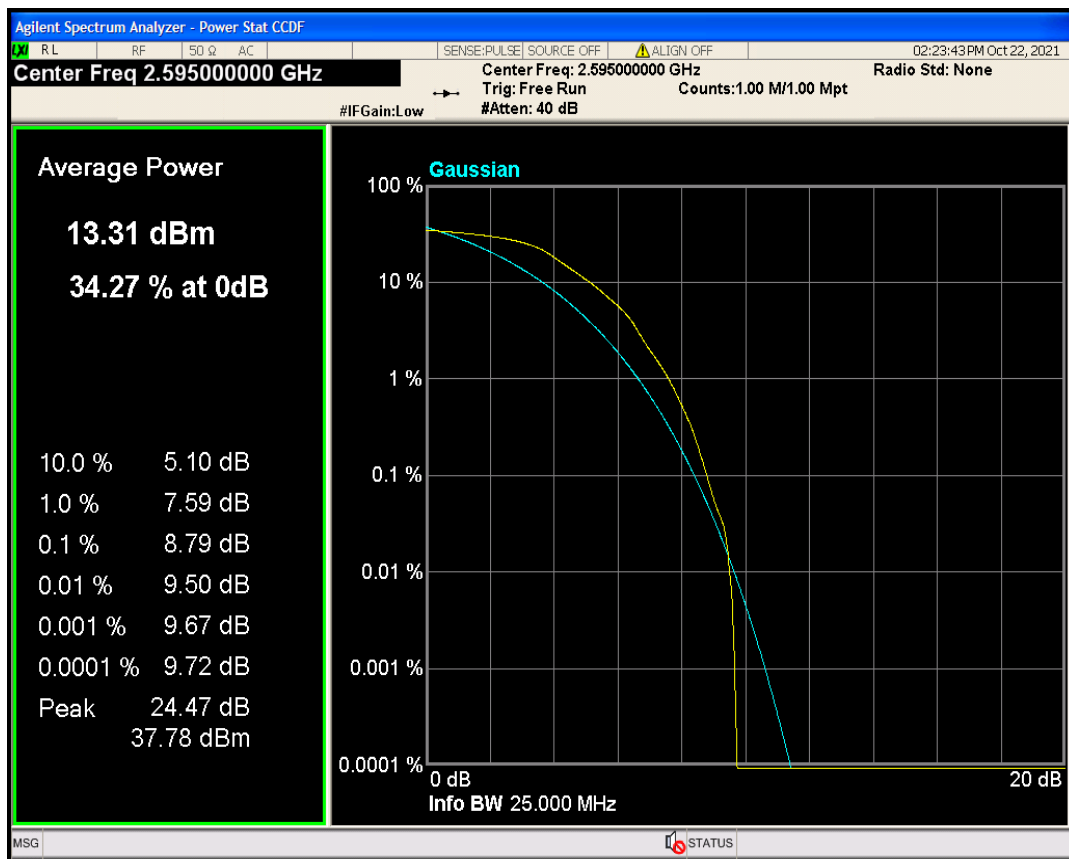
Band38 QPSK BW=15MHz Channel=38000 RB Size=1 Position=#0



Band38 QAM16 BW=15MHz Channel=38000 RB Size=1 Position=#0



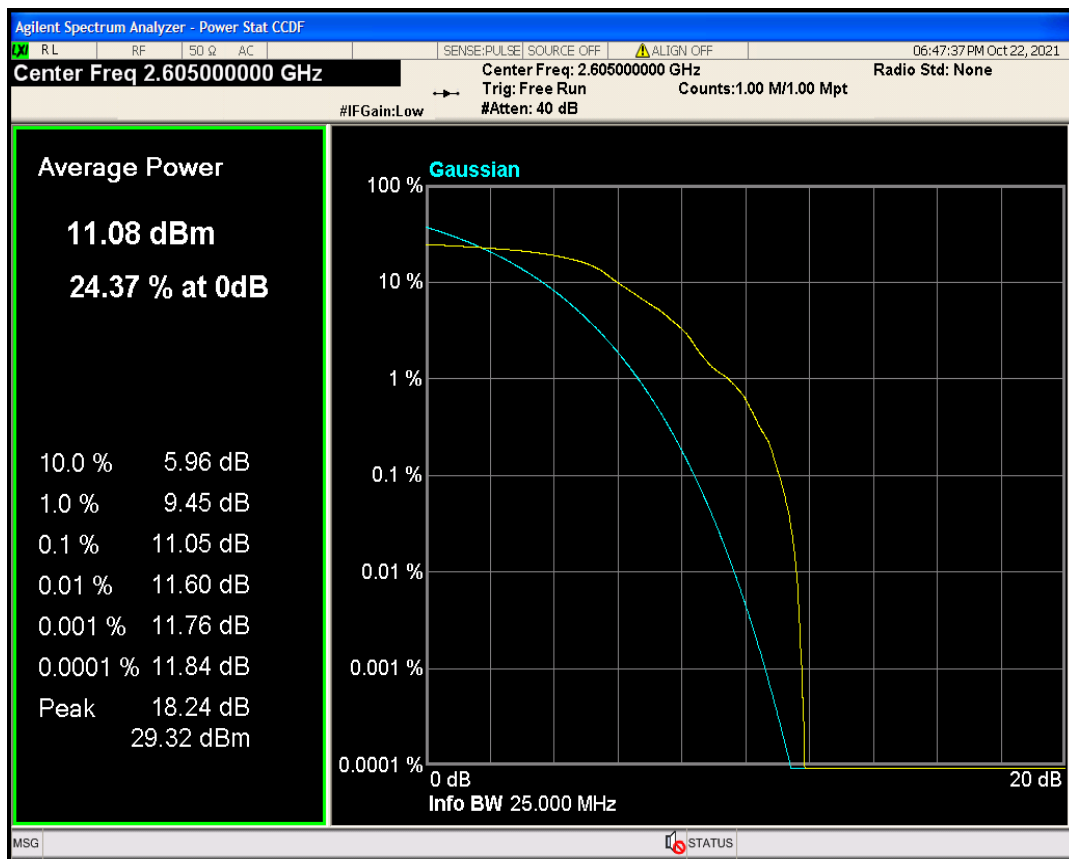
Band38 QPSK BW=20MHz Channel=38000 RB Size=1 Position=#0



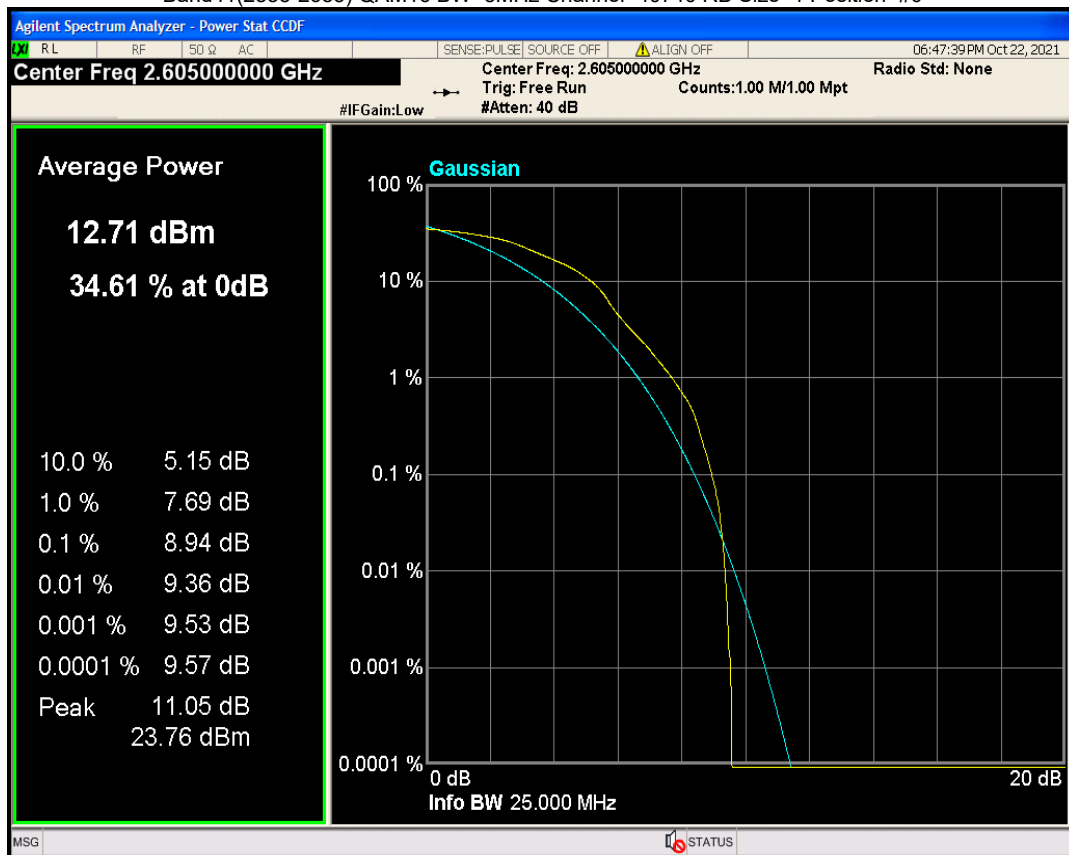
Band38 QAM16 BW=20MHz Channel=38000 RB Size=1 Position=#0



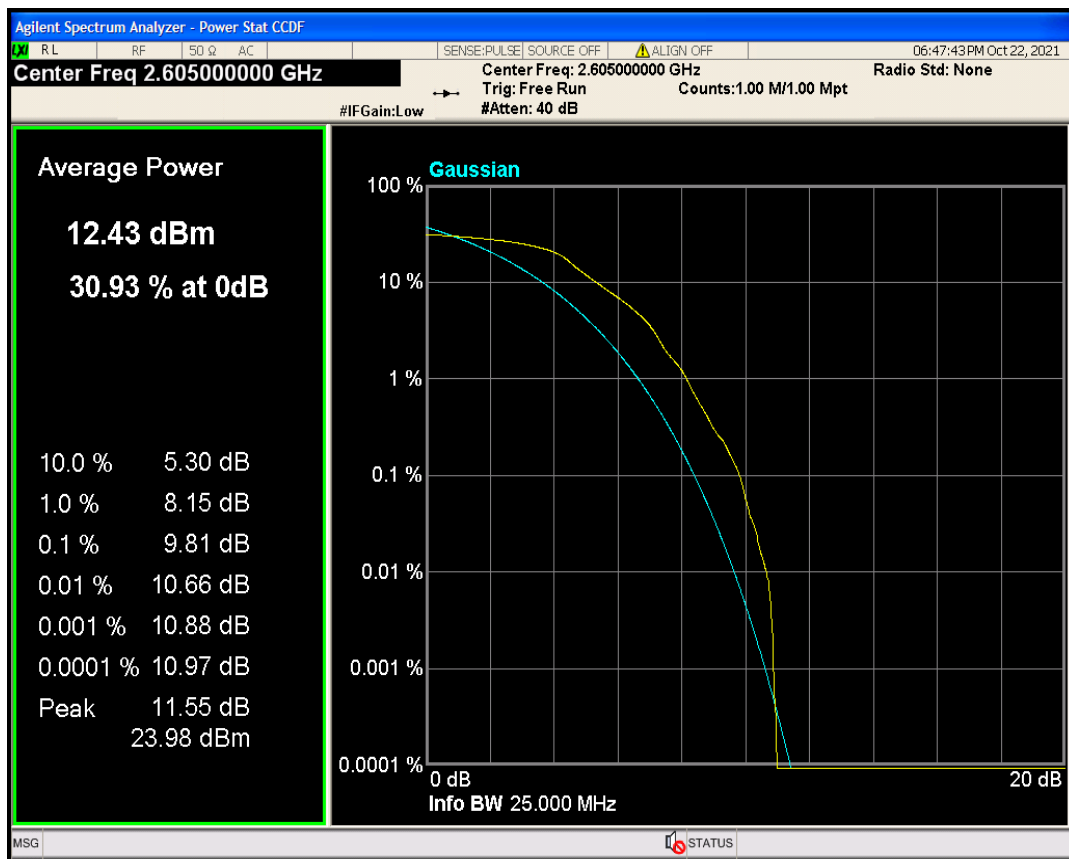
Band41(2555-2655) QPSK BW=5MHz Channel=40740 RB Size=1 Position=#0



Band41(2555-2655) QAM16 BW=5MHz Channel=40740 RB Size=1 Position=#0



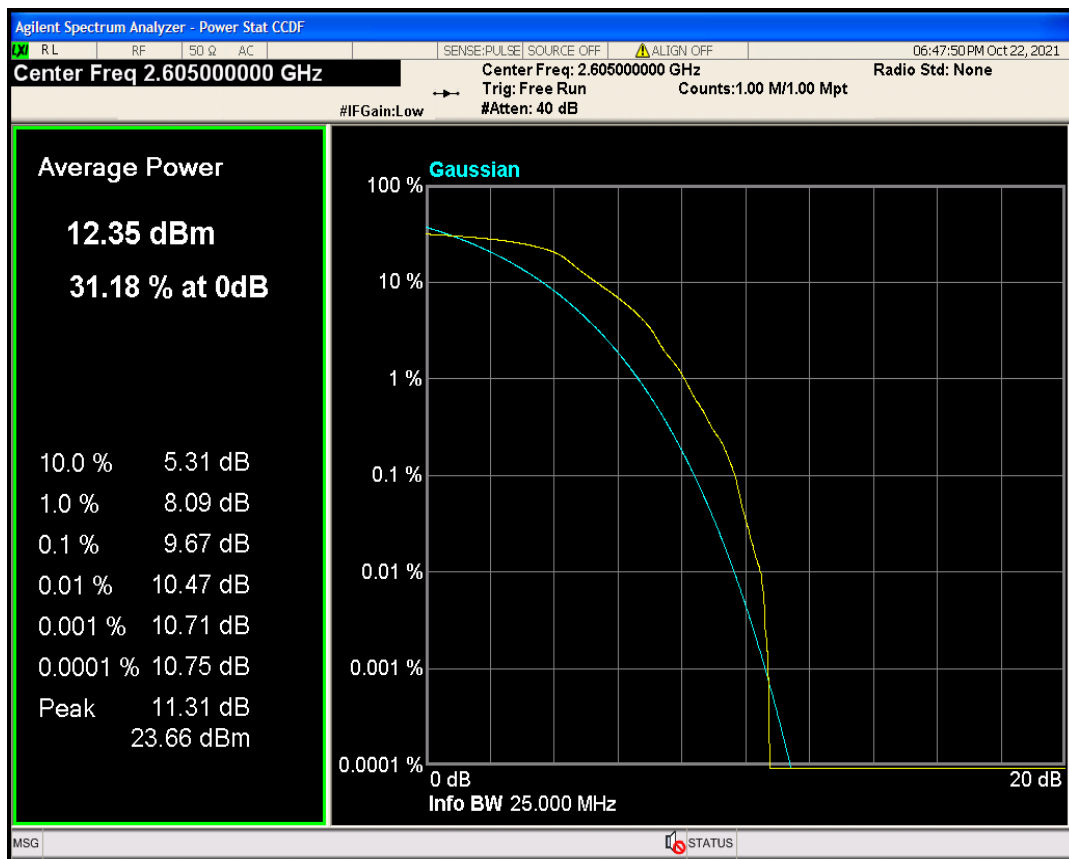
Band41(2555-2655) QPSK BW=10MHz Channel=40740 RB Size=1 Position=#0



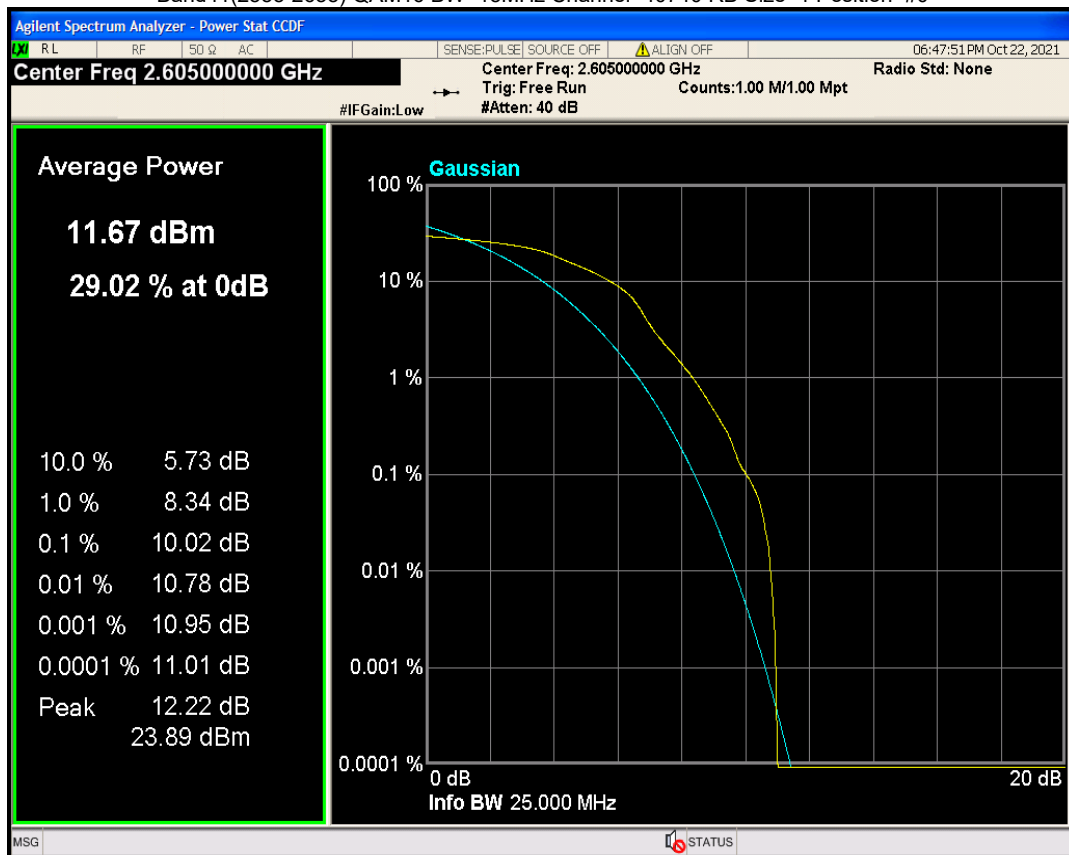
Band41(2555-2655) QAM16 BW=10MHz Channel=40740 RB Size=1 Position=#0



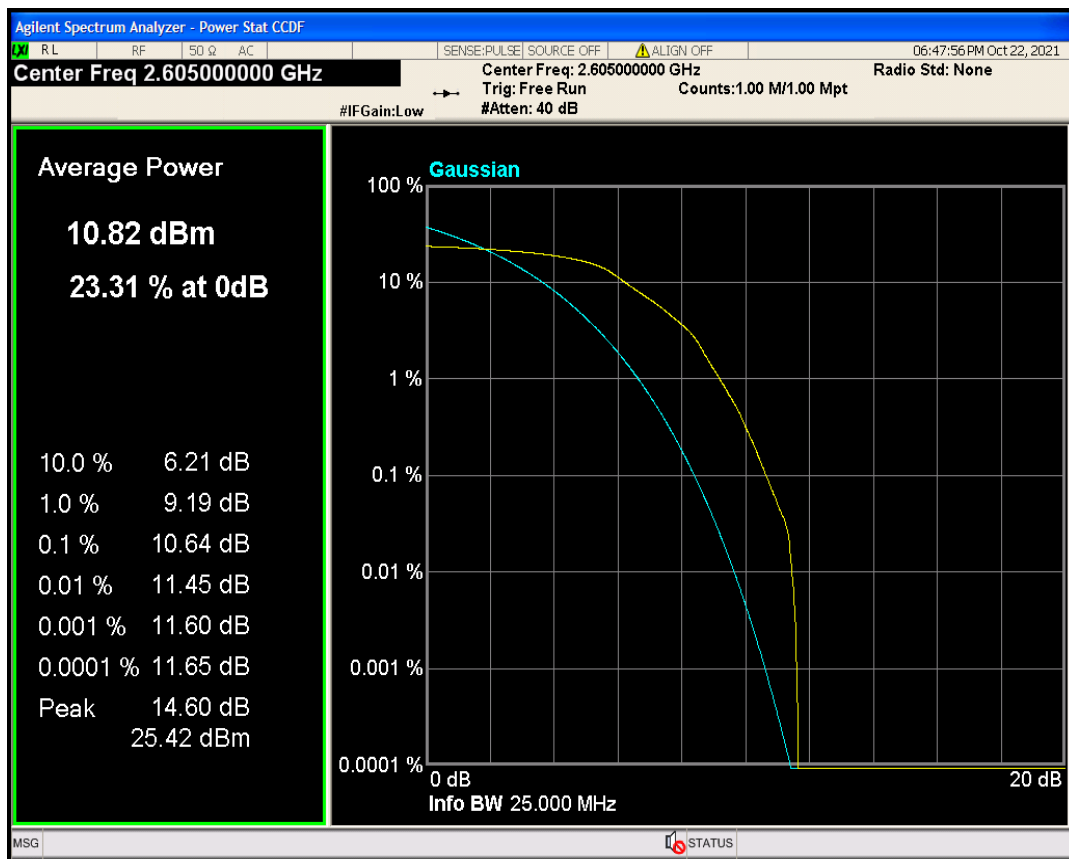
Band41(2555-2655) QPSK BW=15MHz Channel=40740 RB Size=1 Position=#0



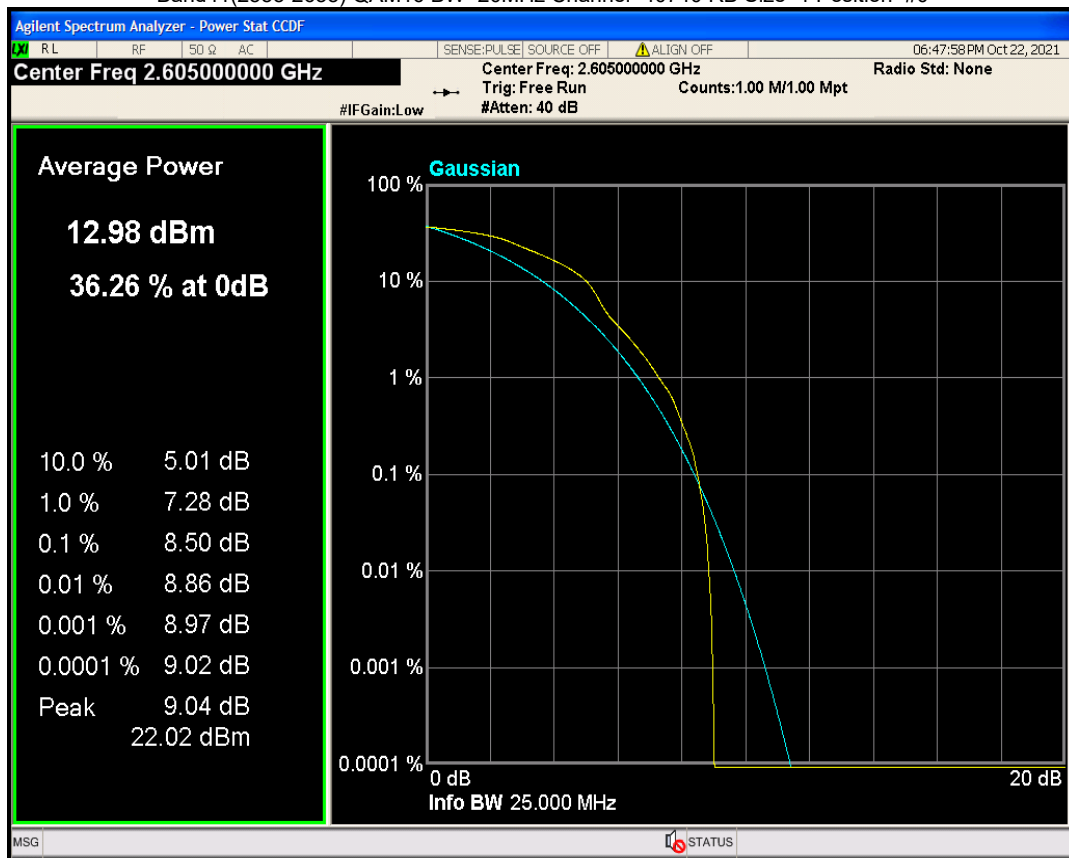
Band41(2555-2655) QAM16 BW=15MHz Channel=40740 RB Size=1 Position=#0



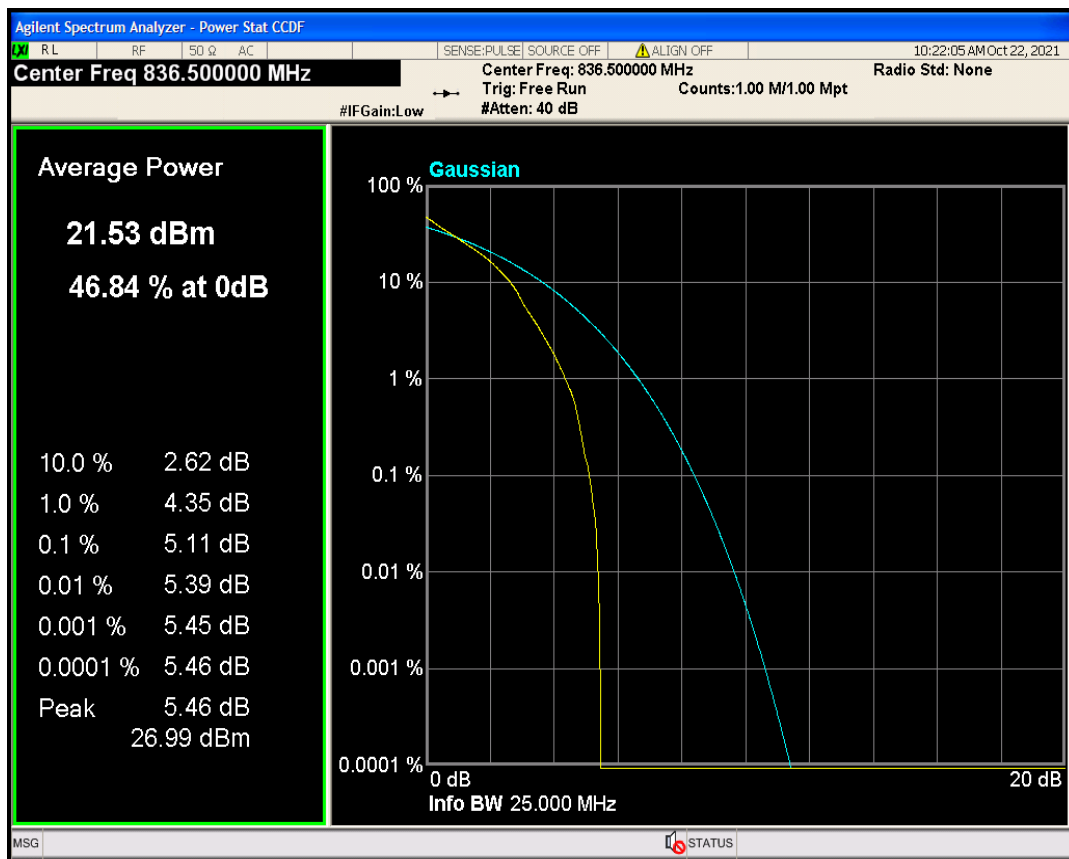
Band41(2555-2655) QPSK BW=20MHz Channel=40740 RB Size=1 Position=#0



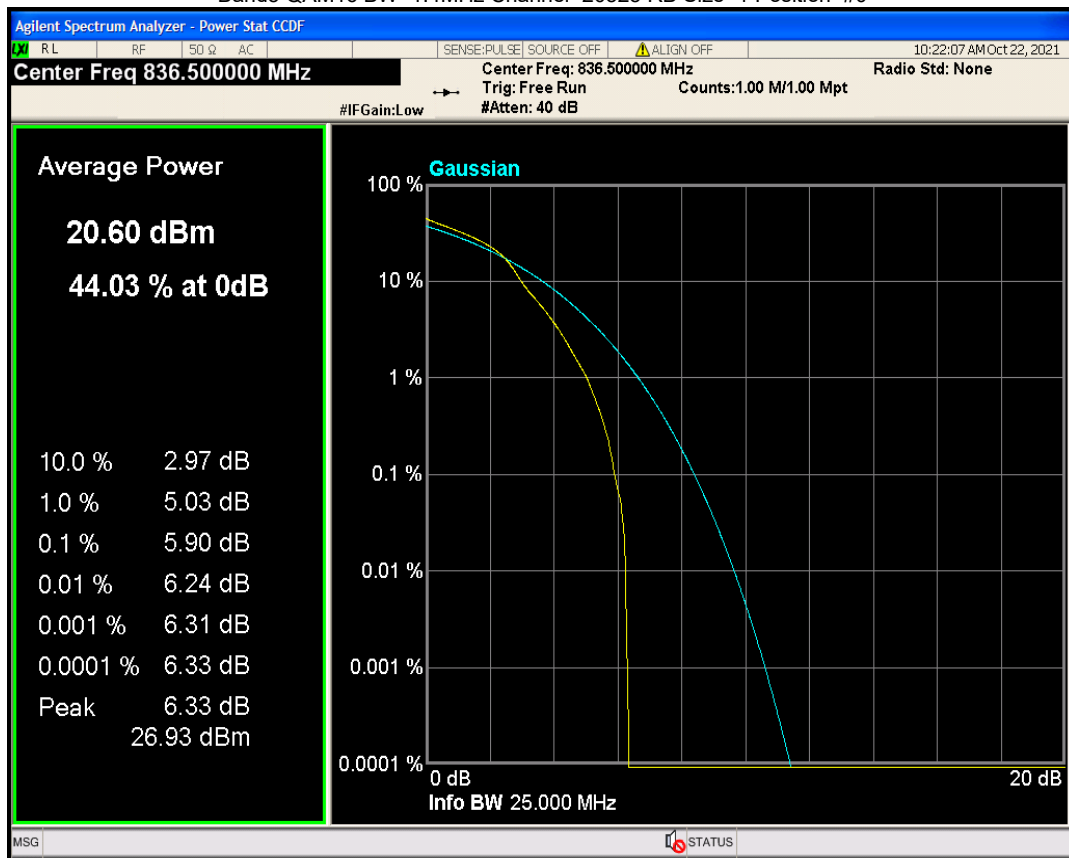
Band41(2555-2655) QAM16 BW=20MHz Channel=40740 RB Size=1 Position=#0



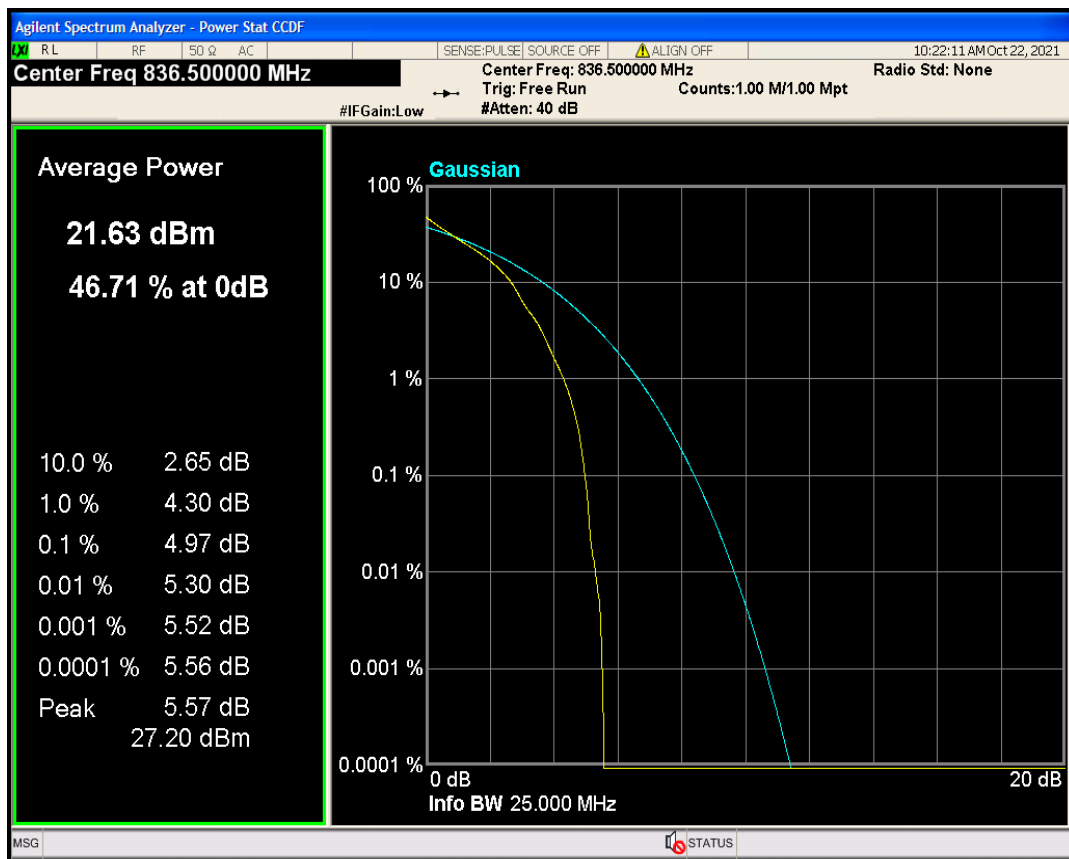
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=1 Position=#0



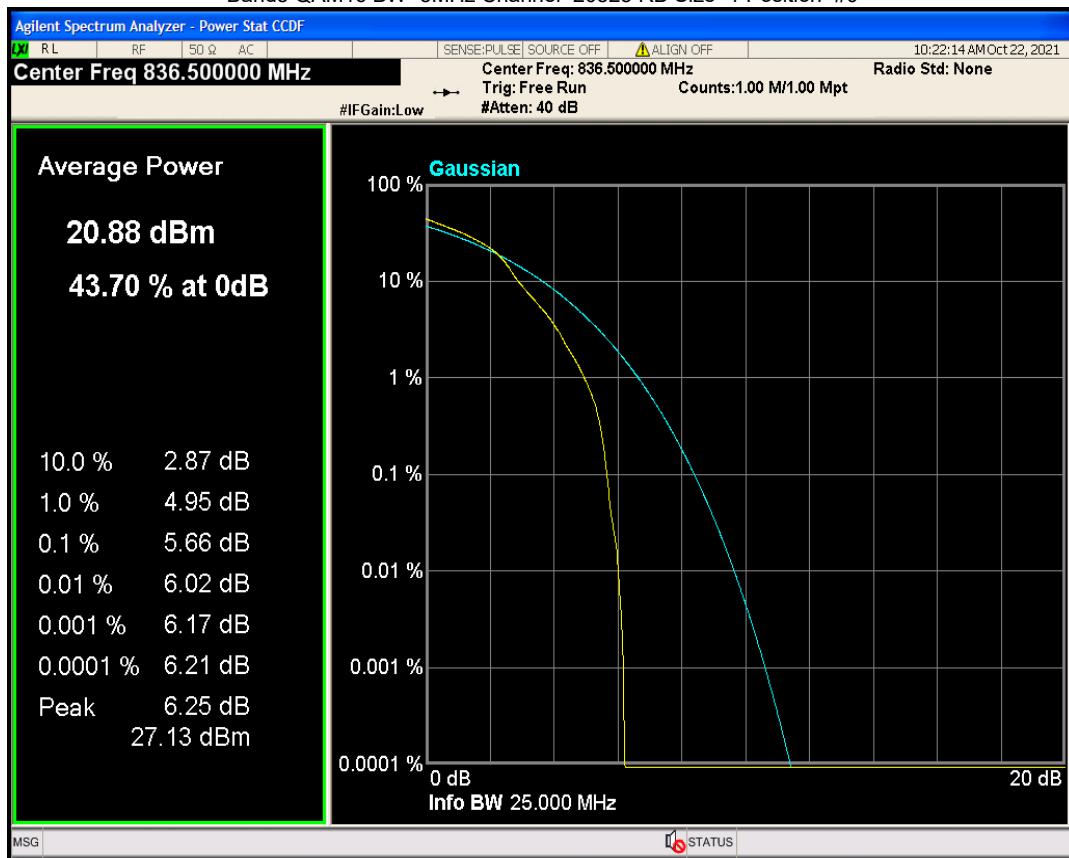
Band5 QAM16 BW=1.4MHz Channel=20525 RB Size=1 Position=#0



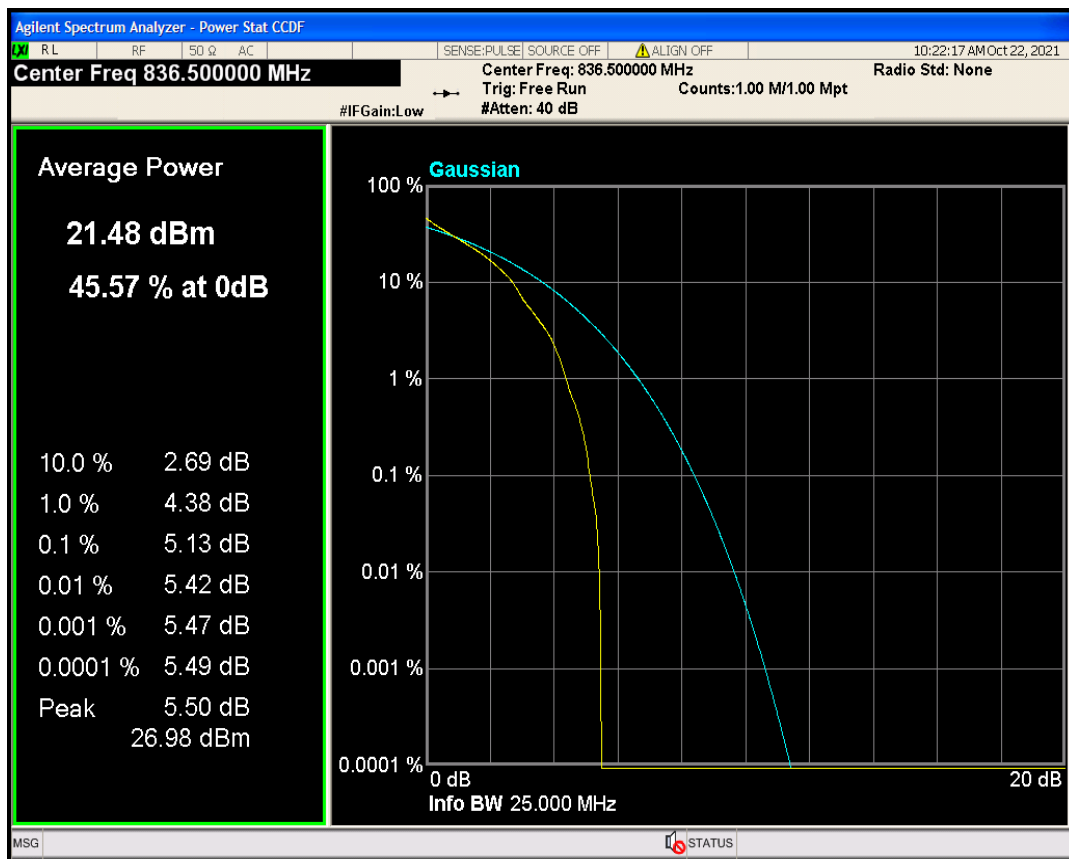
Band5 QPSK BW=3MHz Channel=20525 RB Size=1 Position=#0



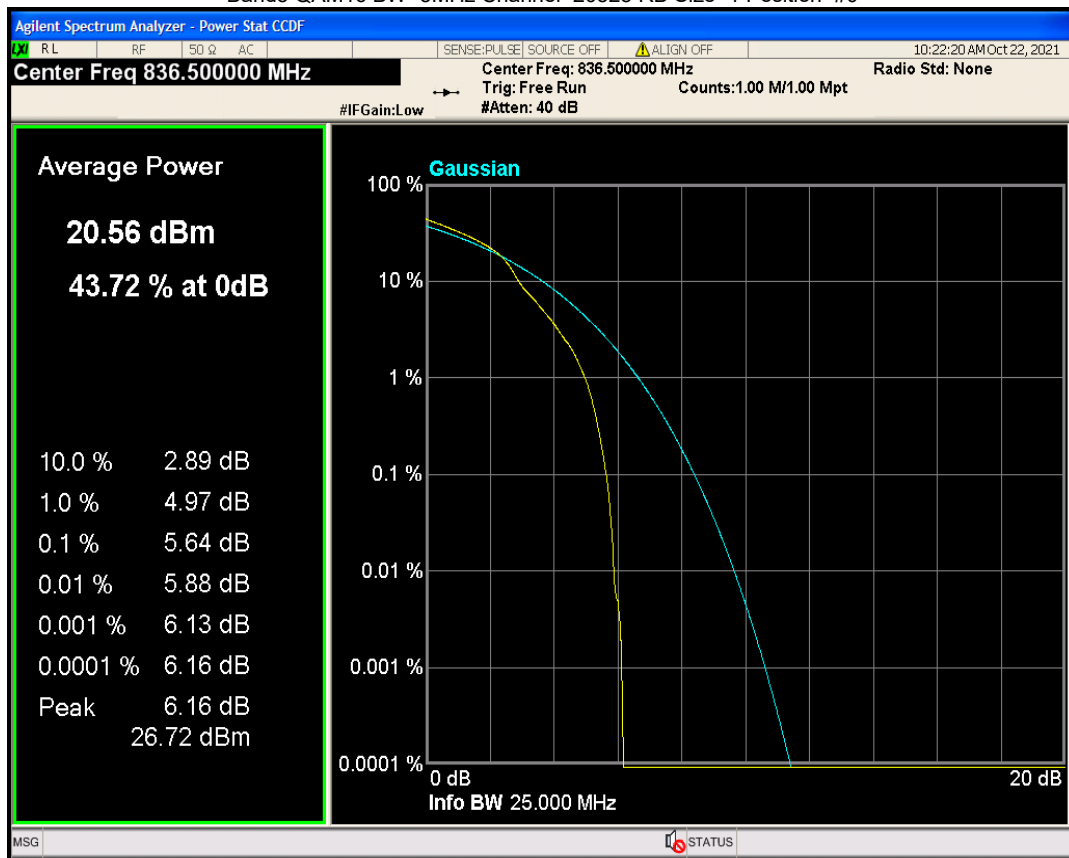
Band5 QAM16 BW=3MHz Channel=20525 RB Size=1 Position=#0



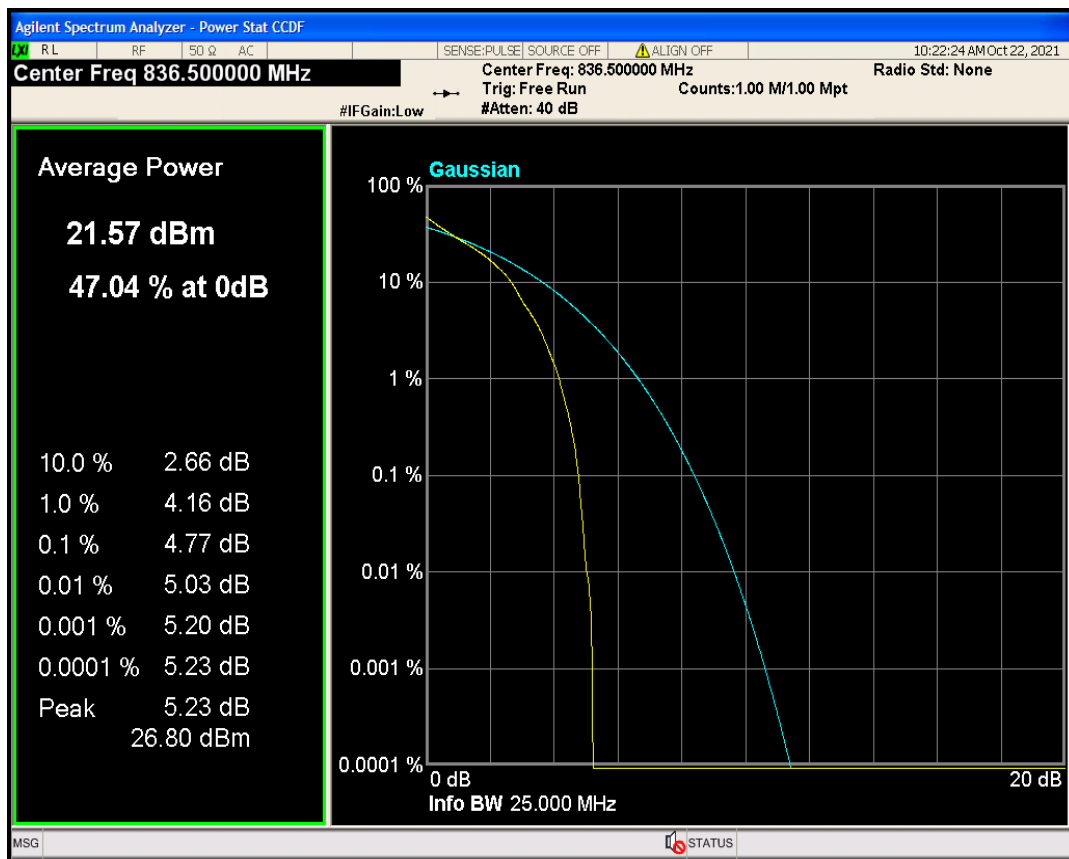
Band5 QPSK BW=5MHz Channel=20525 RB Size=1 Position=#0



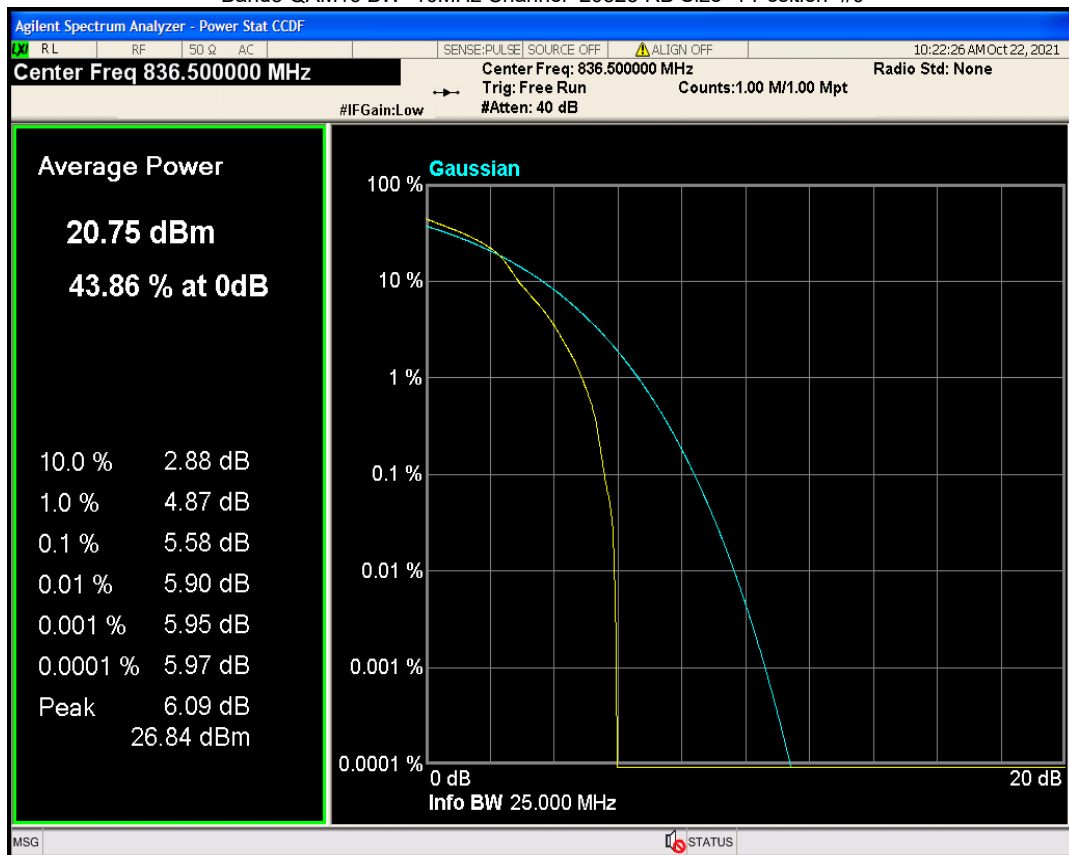
Band5 QAM16 BW=5MHz Channel=20525 RB Size=1 Position=#0



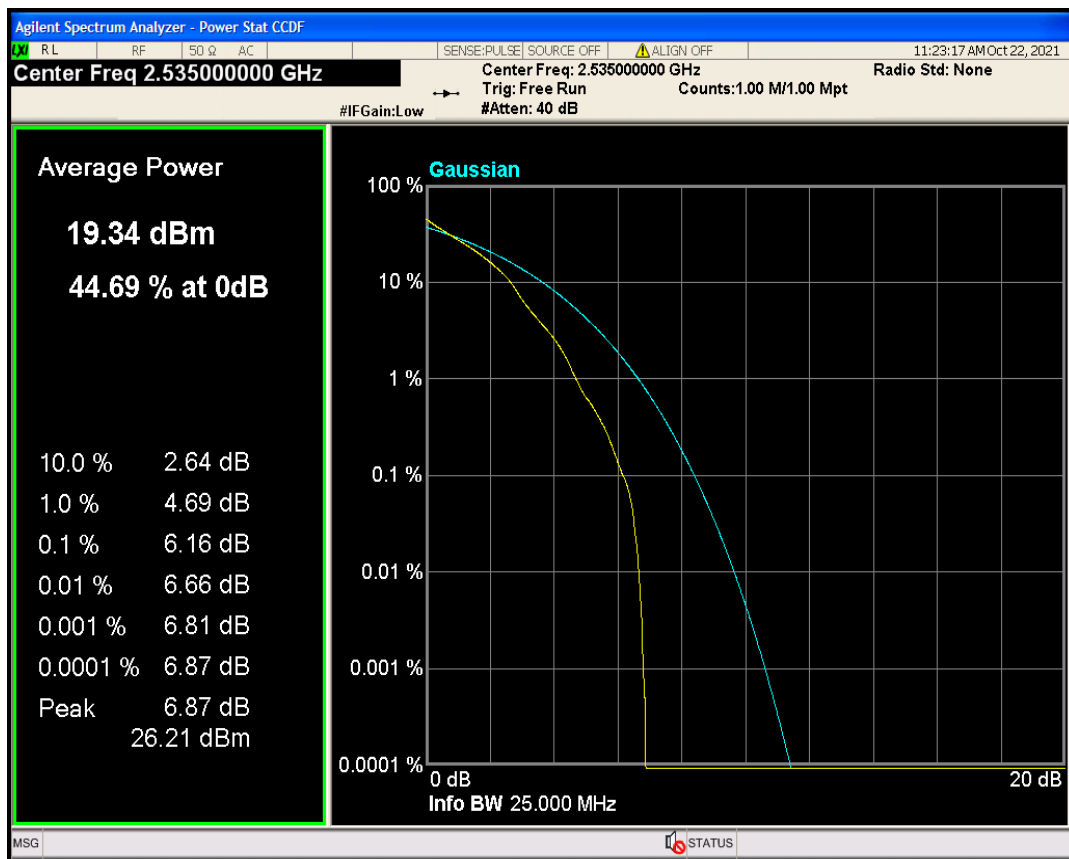
Band5 QPSK BW=10MHz Channel=20525 RB Size=1 Position=#0



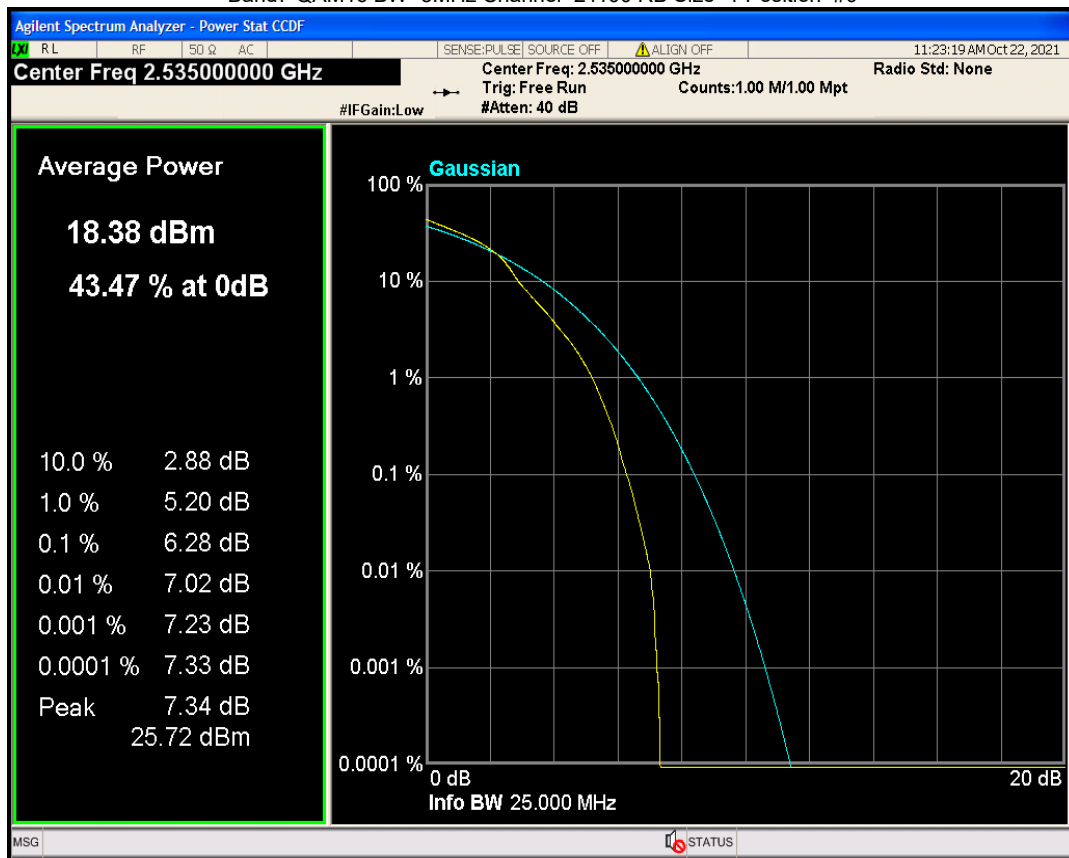
Band5 QAM16 BW=10MHz Channel=20525 RB Size=1 Position=#0



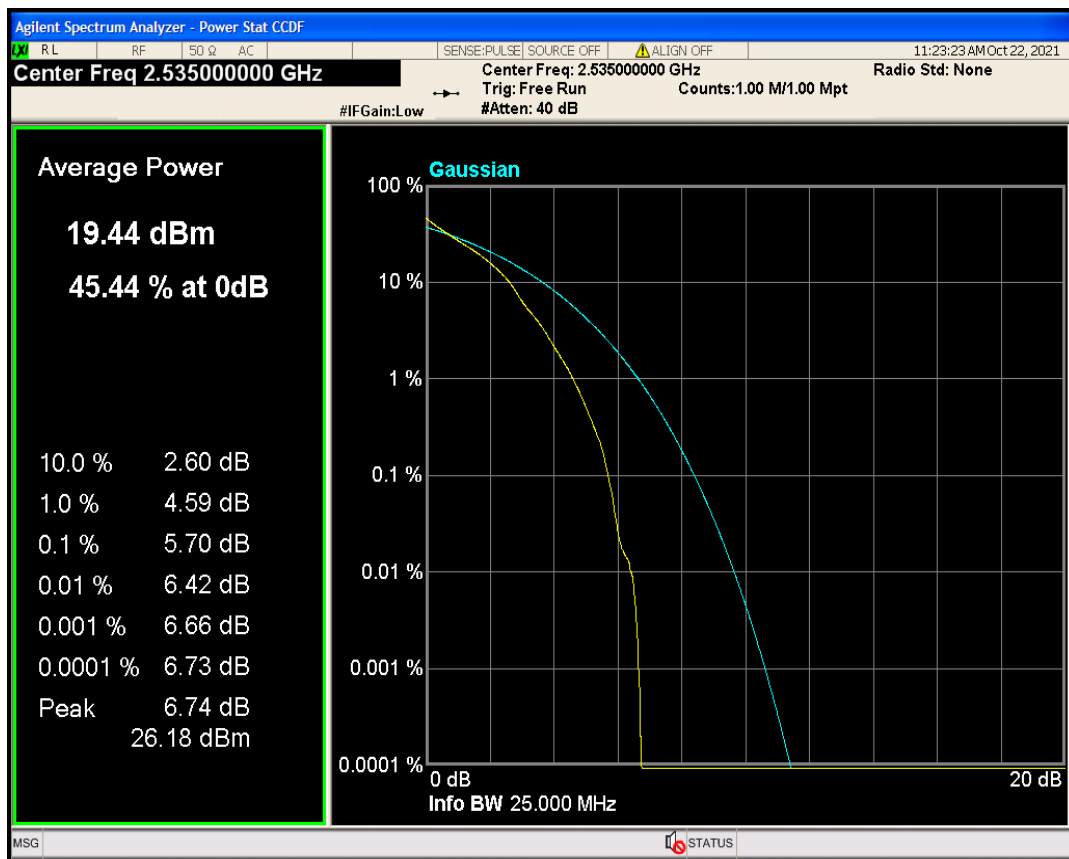
Band7 QPSK BW=5MHz Channel=21100 RB Size=1 Position=#0



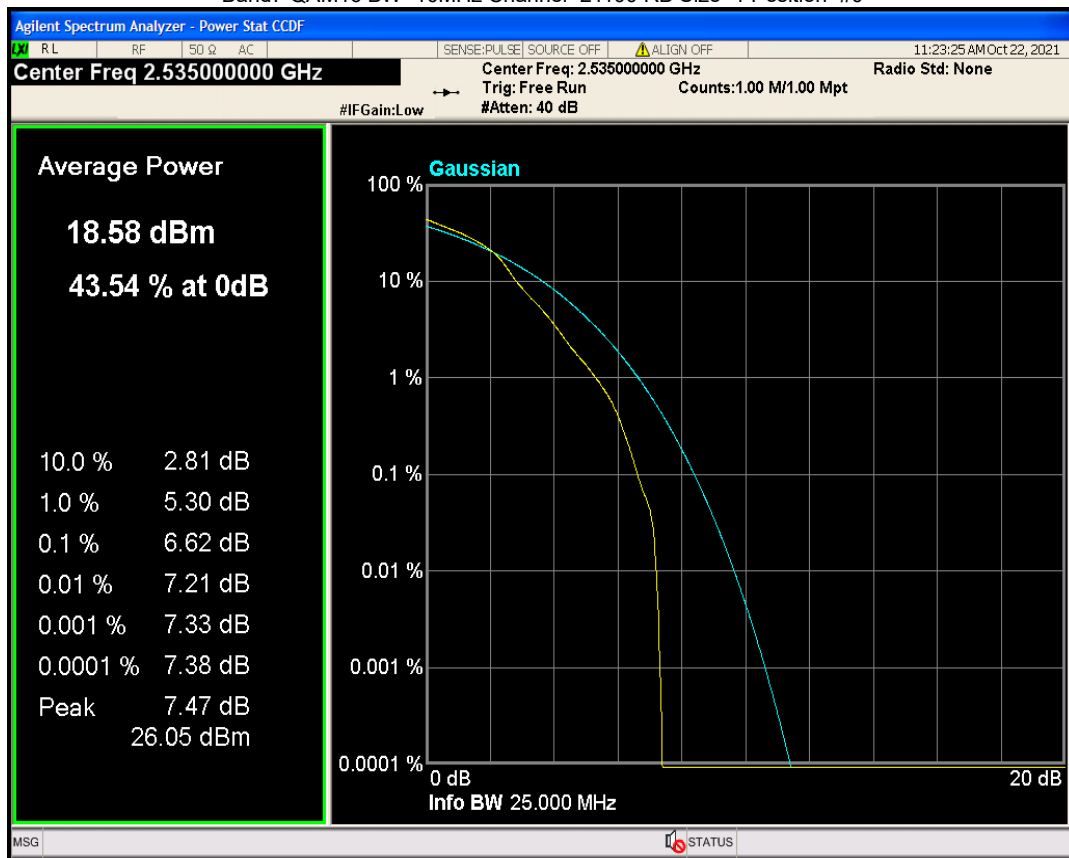
Band7 QAM16 BW=5MHz Channel=21100 RB Size=1 Position=#0



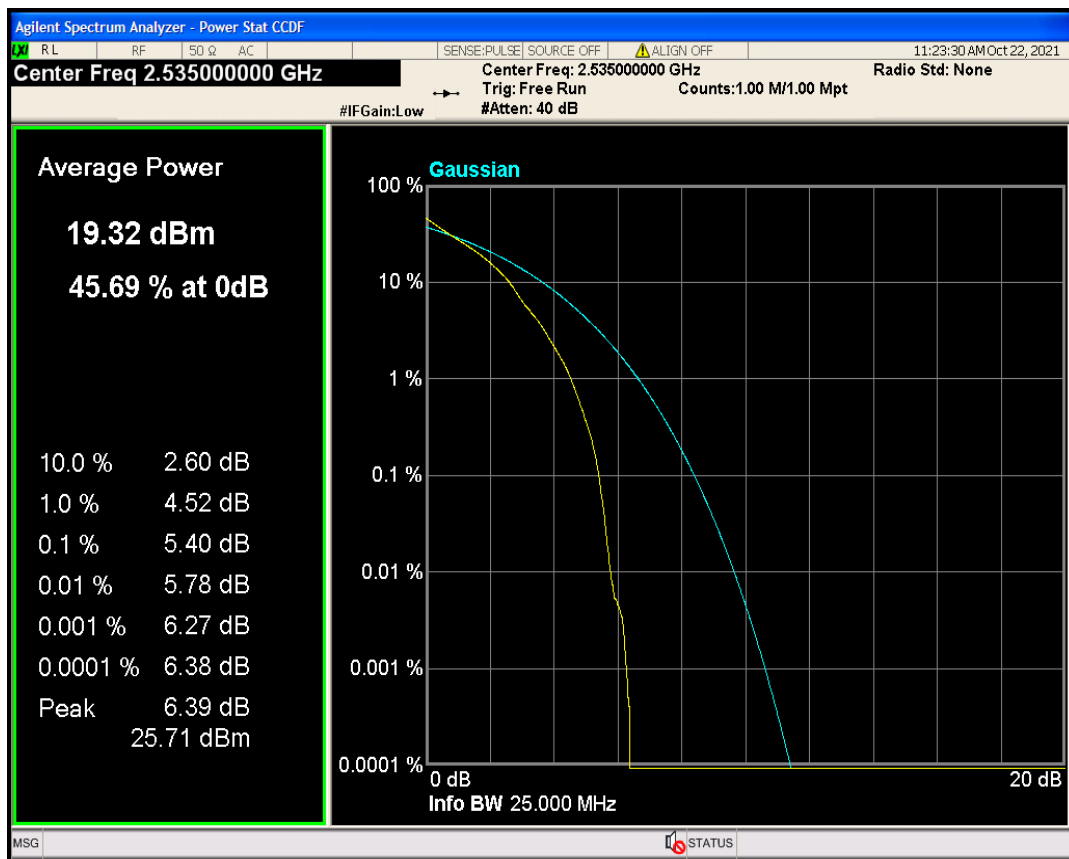
Band7 QPSK BW=10MHz Channel=21100 RB Size=1 Position=#0



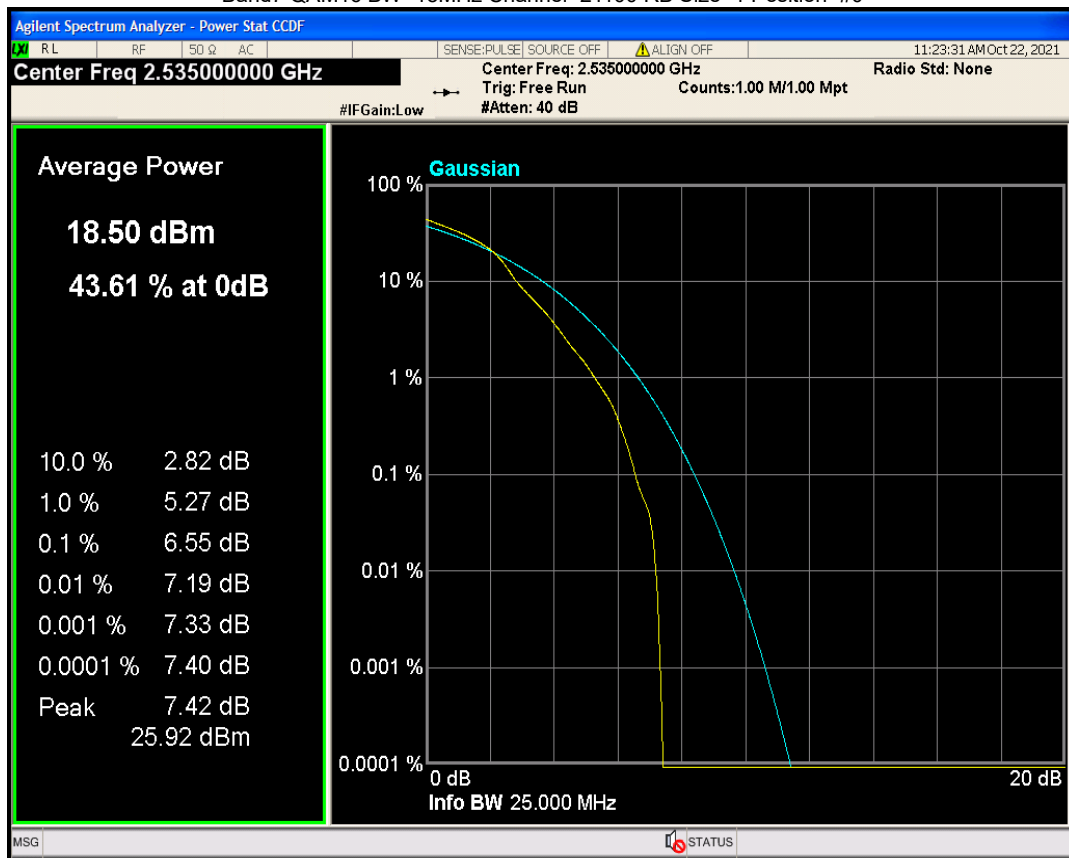
Band7 QAM16 BW=10MHz Channel=21100 RB Size=1 Position=#0



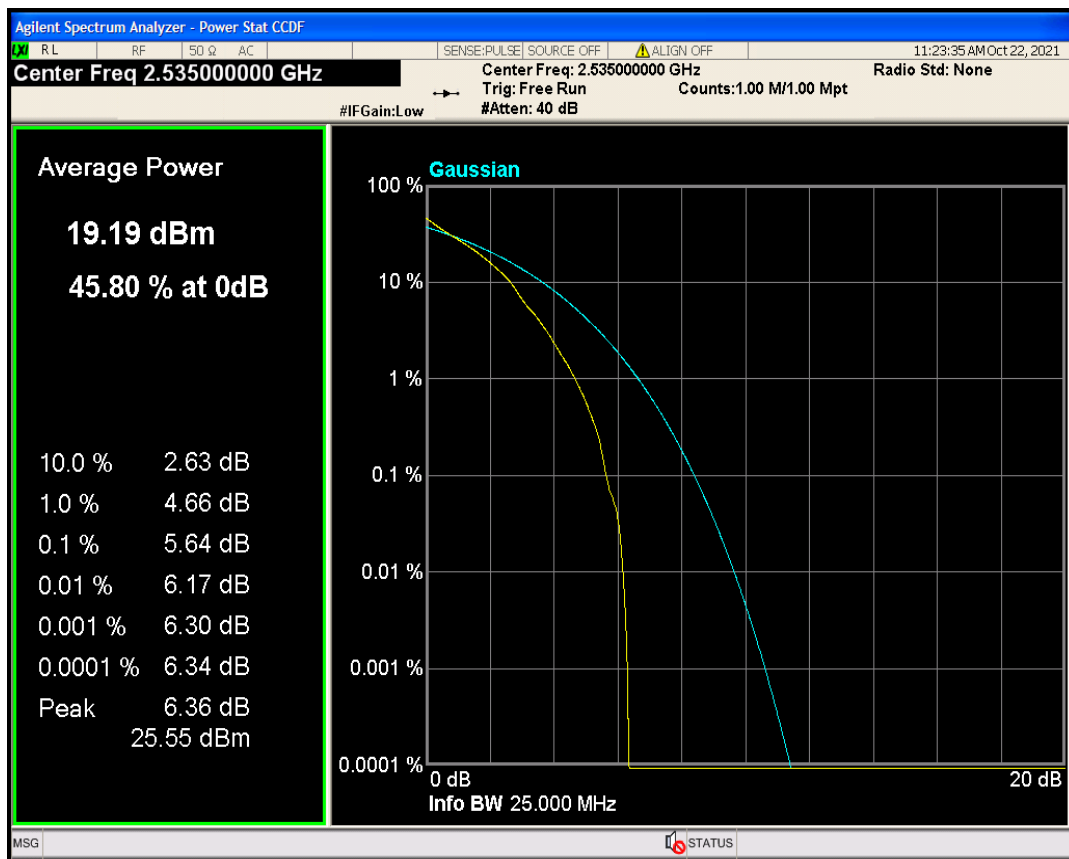
Band7 QPSK BW=15MHz Channel=21100 RB Size=1 Position=#0



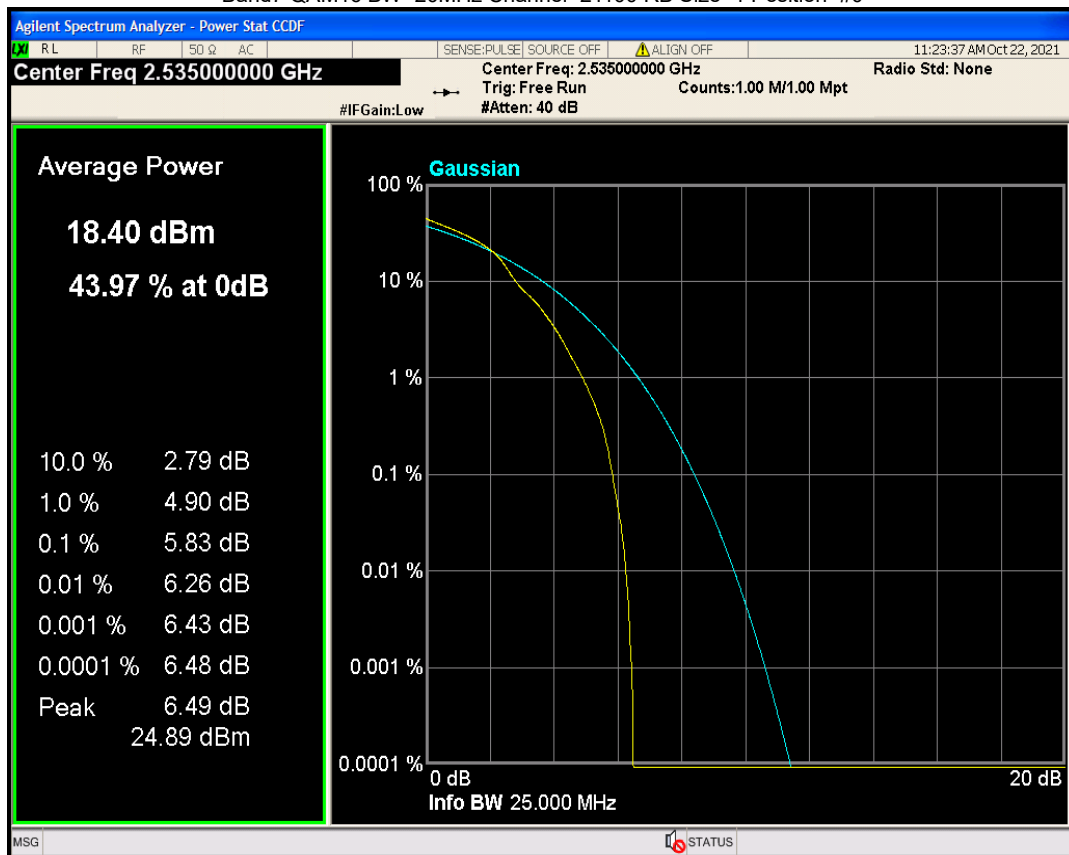
Band7 QAM16 BW=15MHz Channel=21100 RB Size=1 Position=#0



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



Band7 QAM16 BW=20MHz Channel=21100 RB Size=1 Position=#0

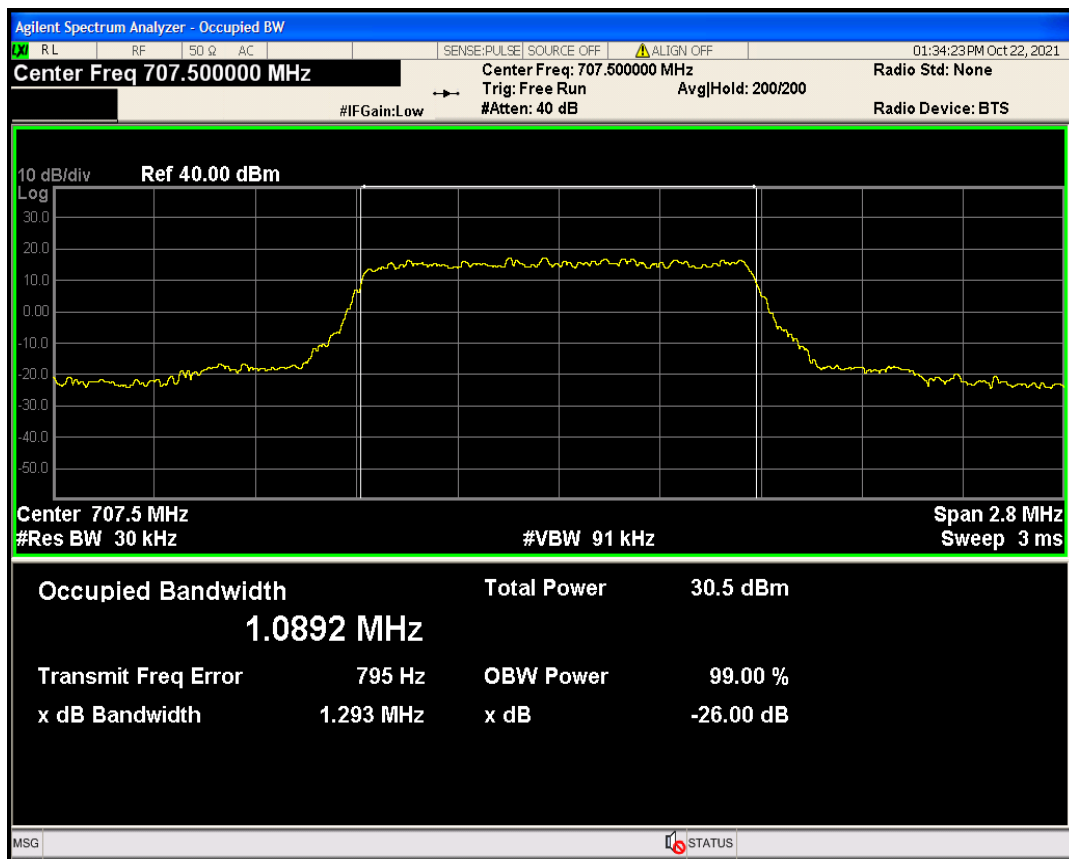


Appendix C Occupied bandwidth

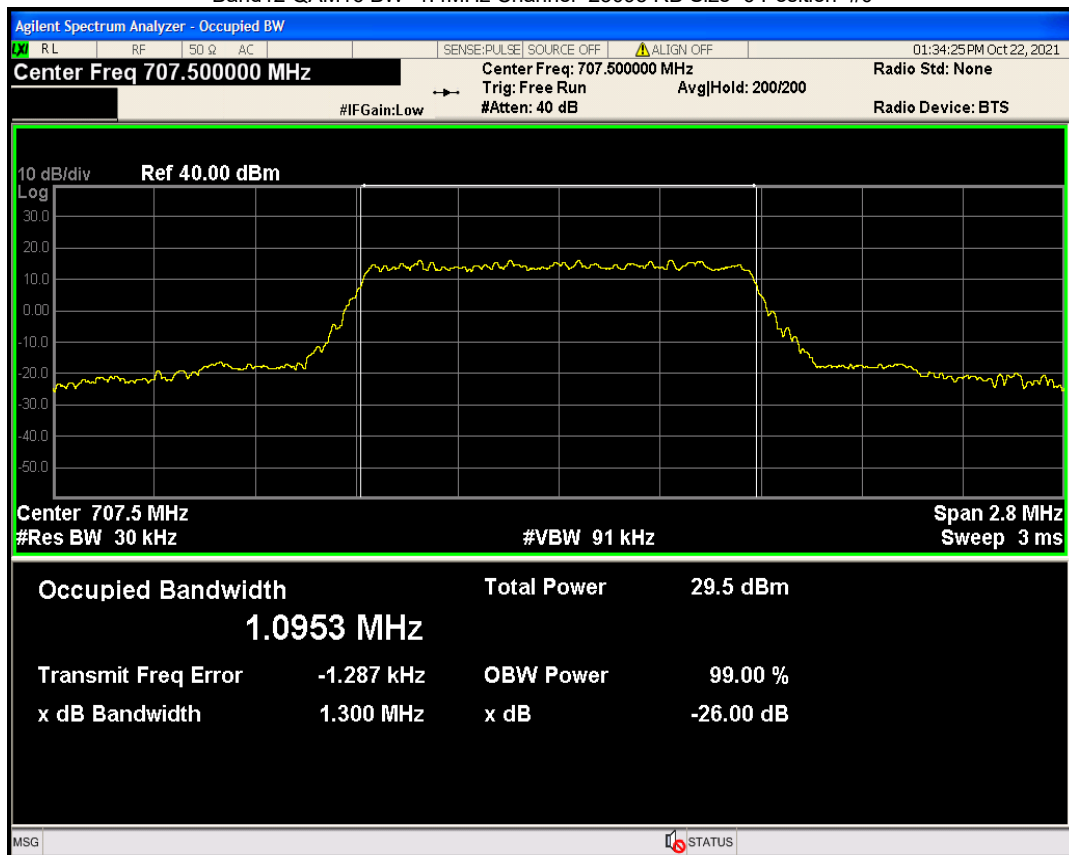
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
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Band12	1.4	23095	6	#0	QPSK	1.089	1.293	PASS
Band12	1.4	23095	6	#0	QAM16	1.095	1.300	PASS
Band12	3	23095	15	#0	QPSK	2.694	2.916	PASS
Band12	3	23095	15	#0	QAM16	2.689	2.920	PASS
Band12	5	23095	25	#0	QPSK	4.524	5.156	PASS
Band12	5	23095	25	#0	QAM16	4.505	5.130	PASS
Band12	10	23095	50	#0	QPSK	8.989	10.110	PASS
Band12	10	23095	50	#0	QAM16	8.974	10.036	PASS
Band2	1.4	18900	6	#0	QPSK	1.102	1.270	PASS
Band2	1.4	18900	6	#0	QAM16	1.092	1.281	PASS
Band2	3	18900	15	#0	QPSK	2.694	2.926	PASS
Band2	3	18900	15	#0	QAM16	2.685	2.907	PASS
Band2	5	18900	25	#0	QPSK	4.542	5.045	PASS
Band2	5	18900	25	#0	QAM16	4.519	5.143	PASS
Band2	10	18900	50	#0	QPSK	9.014	9.997	PASS
Band2	10	18900	50	#0	QAM16	9.008	10.008	PASS
Band2	15	18900	75	#0	QPSK	13.526	14.721	PASS
Band2	15	18900	75	#0	QAM16	13.570	14.718	PASS
Band2	20	18900	100	#0	QPSK	18.065	19.619	PASS
Band2	20	18900	100	#0	QAM16	18.083	19.817	PASS
Band38	5	38000	25	#0	QPSK	4.525	5.074	PASS
Band38	5	38000	25	#0	QAM16	4.520	5.116	PASS
Band38	10	38000	50	#0	QPSK	8.962	9.772	PASS
Band38	10	38000	50	#0	QAM16	9.005	10.116	PASS
Band38	15	38000	75	#0	QPSK	13.477	14.678	PASS
Band38	15	38000	75	#0	QAM16	13.464	14.937	PASS
Band38	20	38000	100	#0	QPSK	18.002	19.380	PASS
Band38	20	38000	100	#0	QAM16	17.979	19.347	PASS
Band41(2555-2655)	5	40740	25	#0	QPSK	4.514	5.087	PASS
Band41(2555-2655)	5	40740	25	#0	QAM16	4.514	5.090	PASS
Band41(2555-2655)	10	40740	50	#0	QPSK	9.012	9.968	PASS
Band41(2555-2655)	10	40740	50	#0	QAM16	9.004	9.776	PASS
Band41(2555-2655)	15	40740	75	#0	QPSK	13.497	14.806	PASS
Band41(2555-2655)	15	40740	75	#0	QAM16	13.502	14.740	PASS
Band41(2555-2655)	20	40740	100	#0	QPSK	18.010	19.485	PASS
Band41(2555-2655)	20	40740	100	#0	QAM16	18.028	19.861	PASS
Band5	1.4	20525	6	#0	QPSK	1.095	1.268	PASS
Band5	1.4	20525	6	#0	QAM16	1.099	1.294	PASS
Band5	3	20525	15	#0	QPSK	2.696	2.940	PASS
Band5	3	20525	15	#0	QAM16	2.686	2.909	PASS
Band5	5	20525	25	#0	QPSK	4.505	5.194	PASS
Band5	5	20525	25	#0	QAM16	4.512	5.143	PASS
Band5	10	20525	50	#0	QPSK	9.024	10.030	PASS
Band5	10	20525	50	#0	QAM16	9.026	9.899	PASS
Band7	5	21100	25	#0	QPSK	4.548	5.177	PASS
Band7	5	21100	25	#0	QAM16	4.533	5.068	PASS
Band7	10	21100	50	#0	QPSK	8.990	10.017	PASS
Band7	10	21100	50	#0	QAM16	8.994	10.010	PASS
Band7	15	21100	75	#0	QPSK	13.513	14.790	PASS
Band7	15	21100	75	#0	QAM16	13.500	14.612	PASS
Band7	20	21100	100	#0	QPSK	18.012	19.770	PASS
Band7	20	21100	100	#0	QAM16	18.014	19.676	PASS

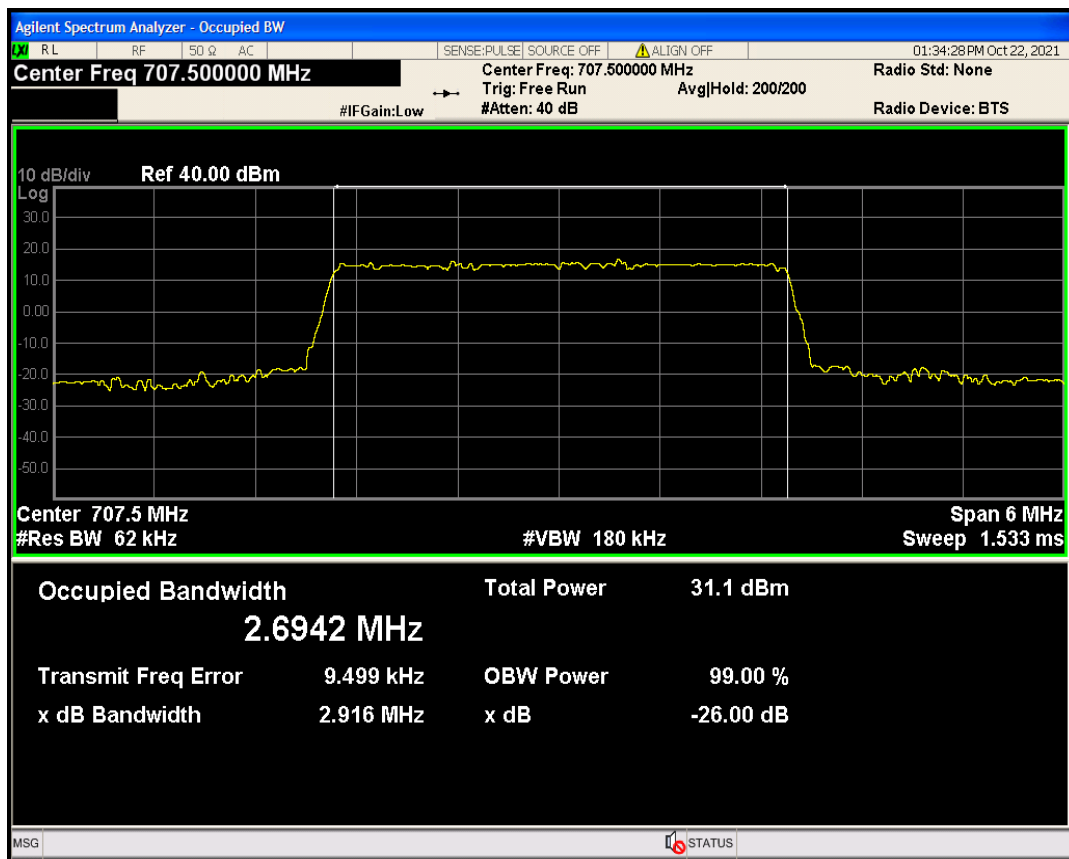
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0



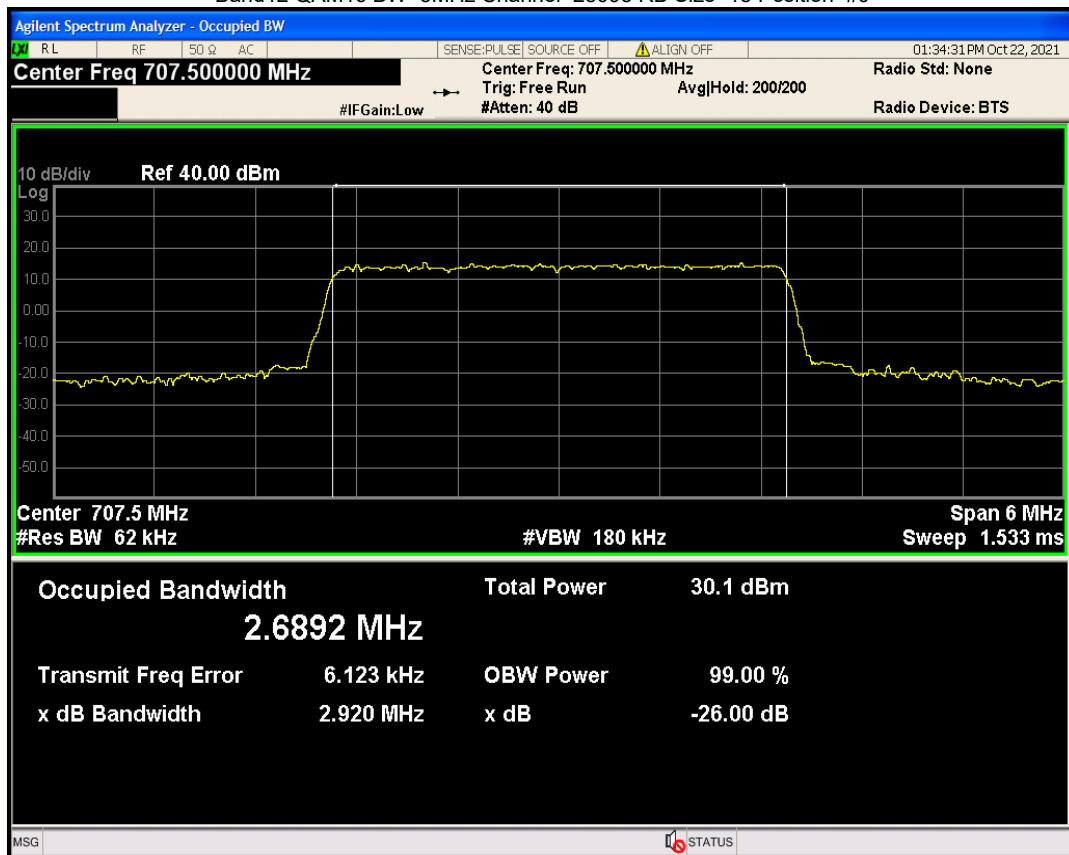
Band12 QAM16 BW=1.4MHz Channel=23095 RB Size=6 Position=#0



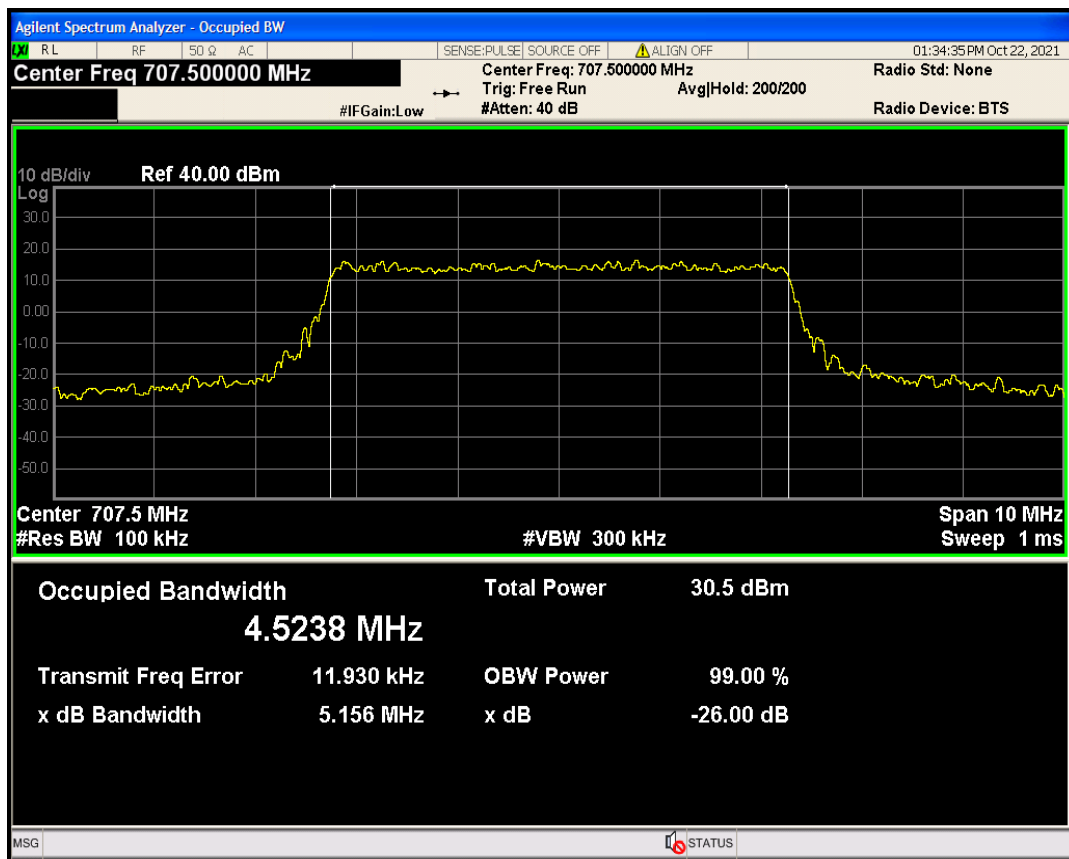
Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0



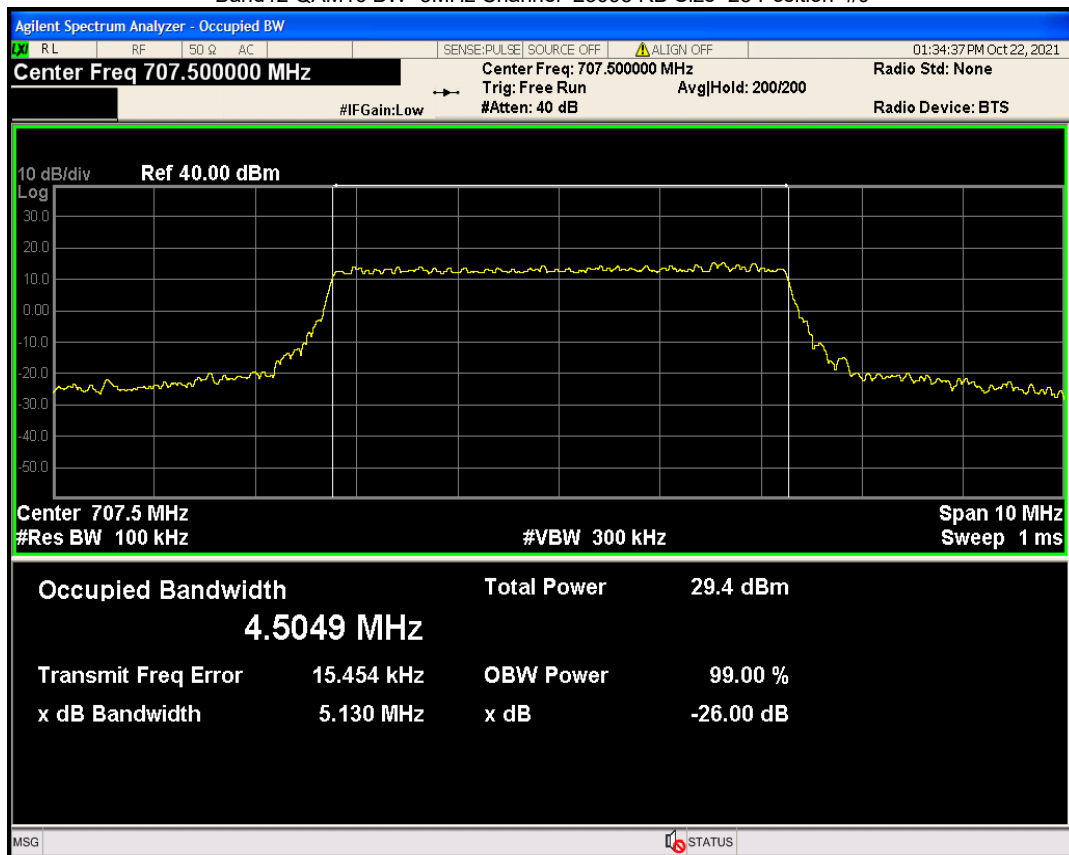
Band12 QAM16 BW=3MHz Channel=23095 RB Size=15 Position=#0



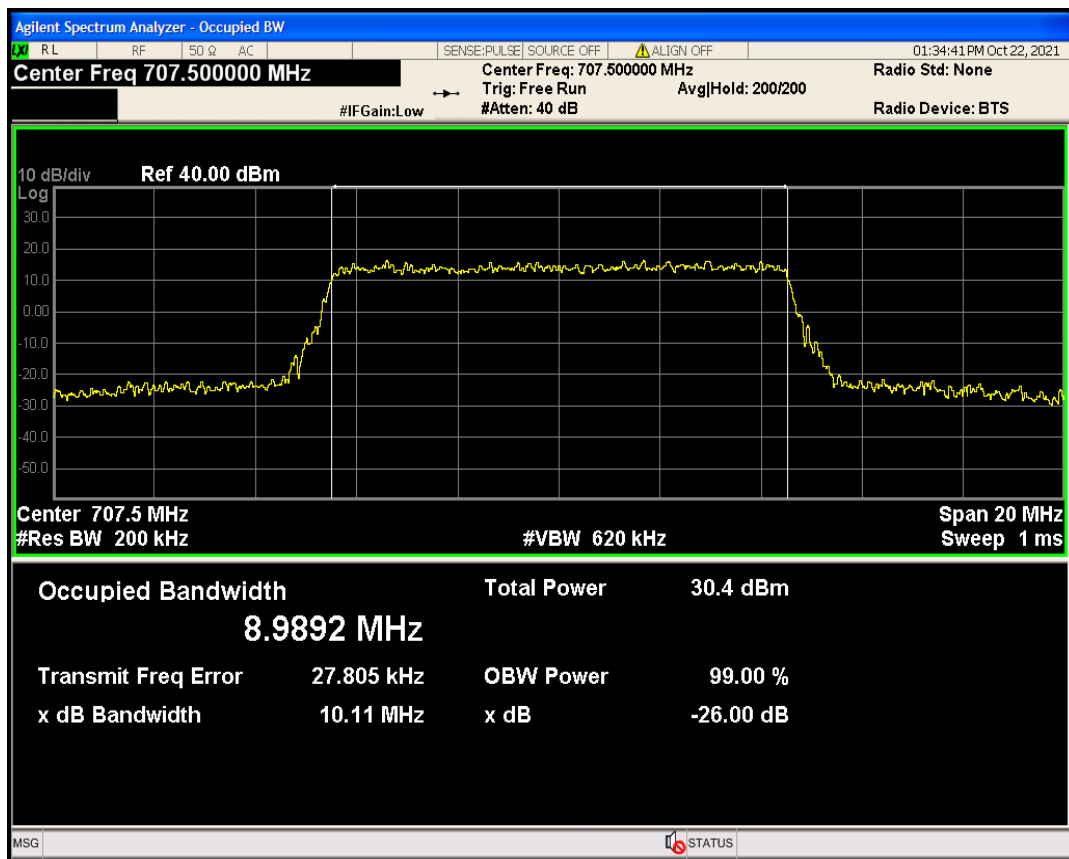
Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0



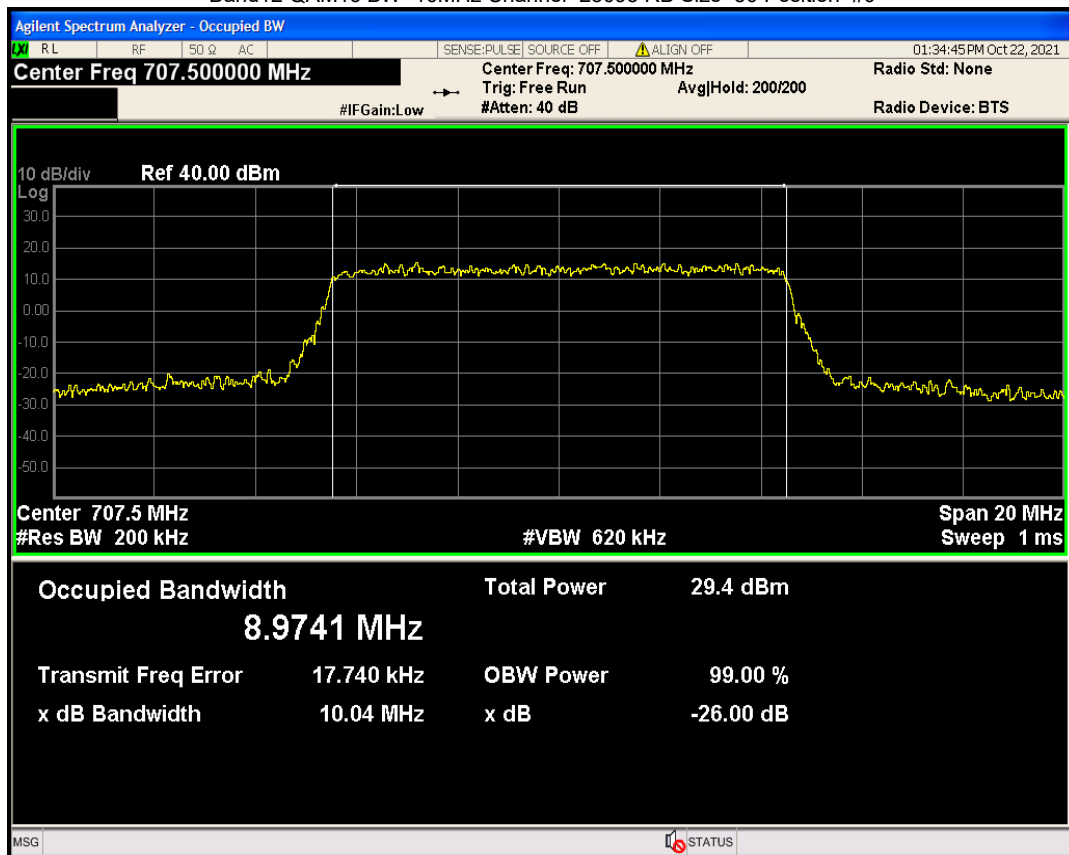
Band12 QAM16 BW=5MHz Channel=23095 RB Size=25 Position=#0



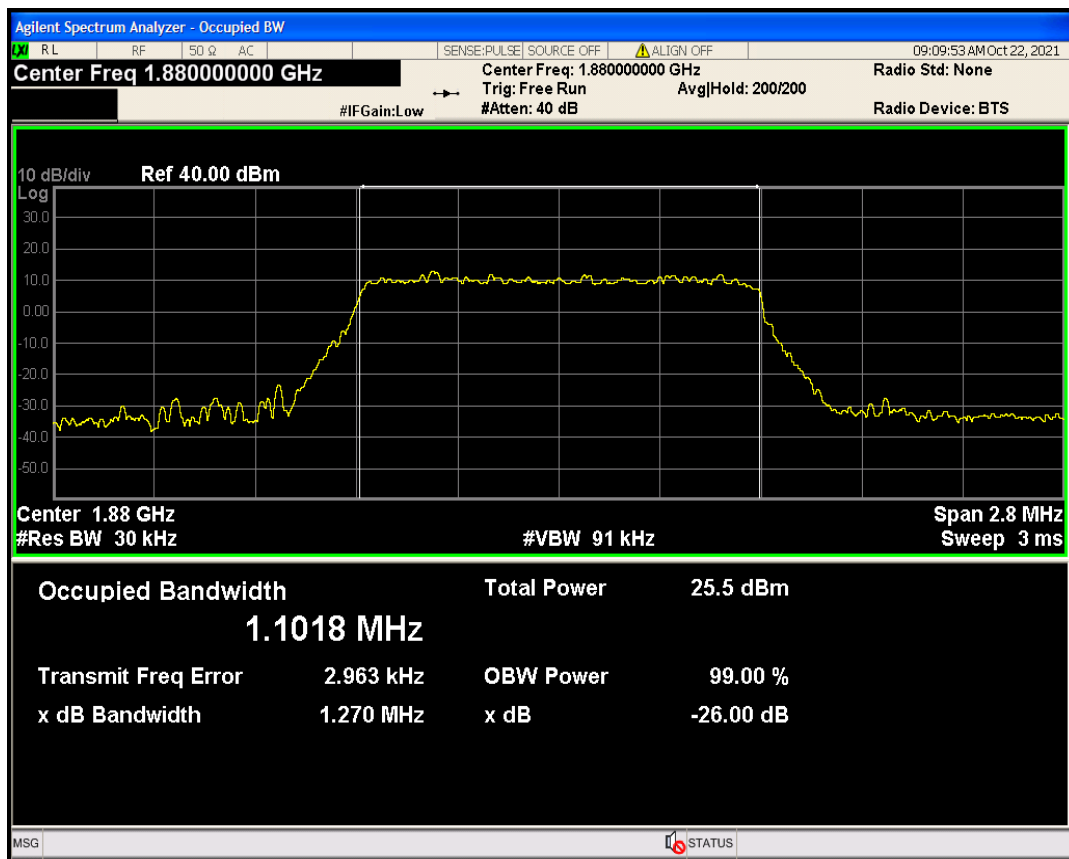
Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0



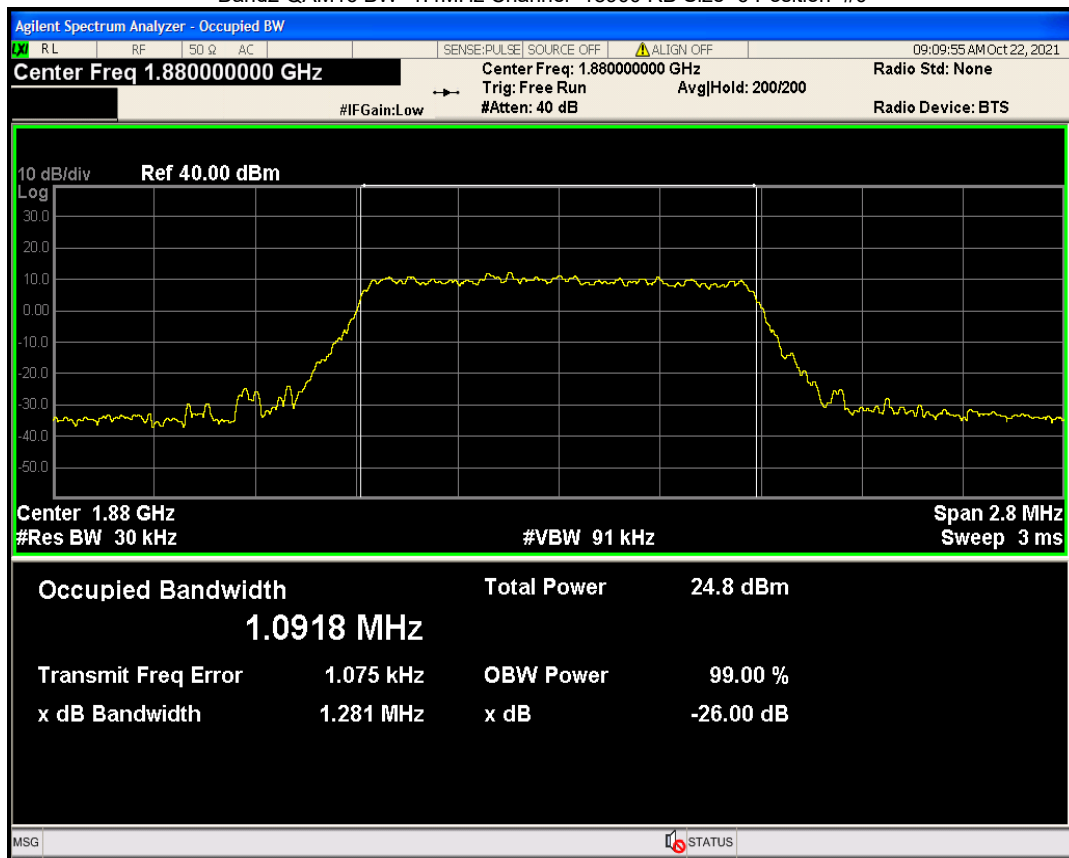
Band12 QAM16 BW=10MHz Channel=23095 RB Size=50 Position=#0



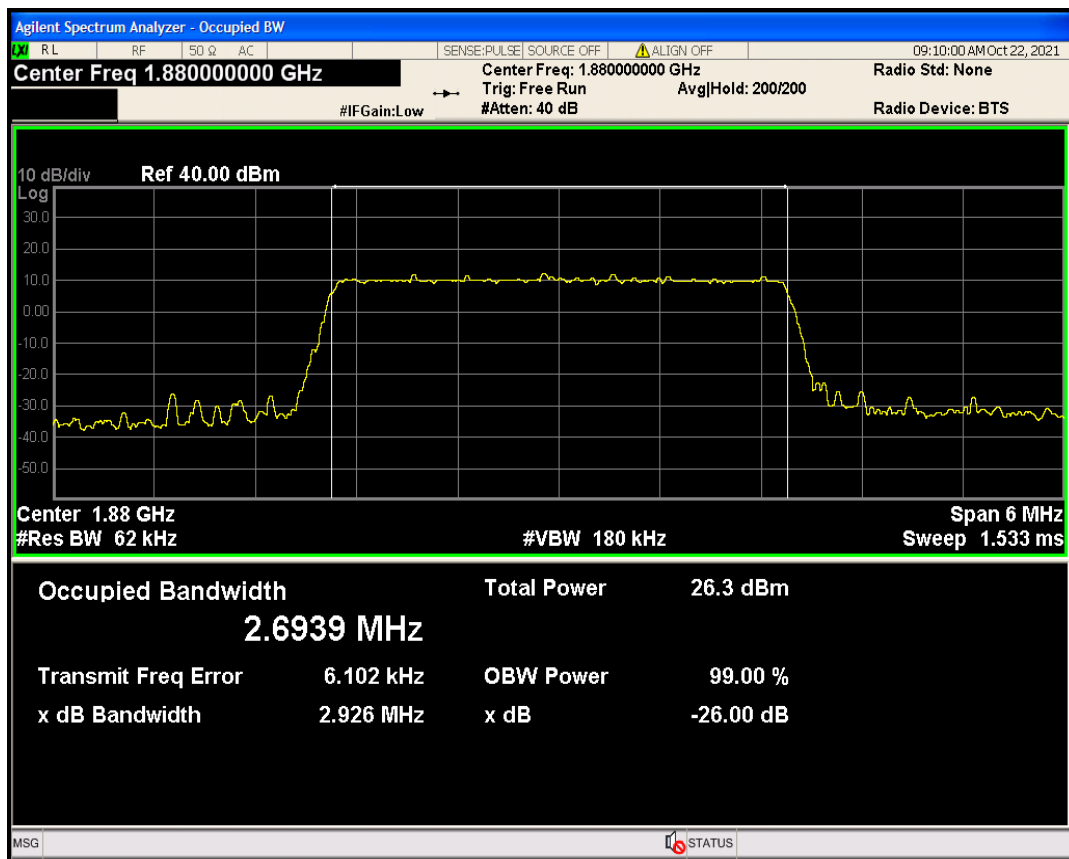
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0



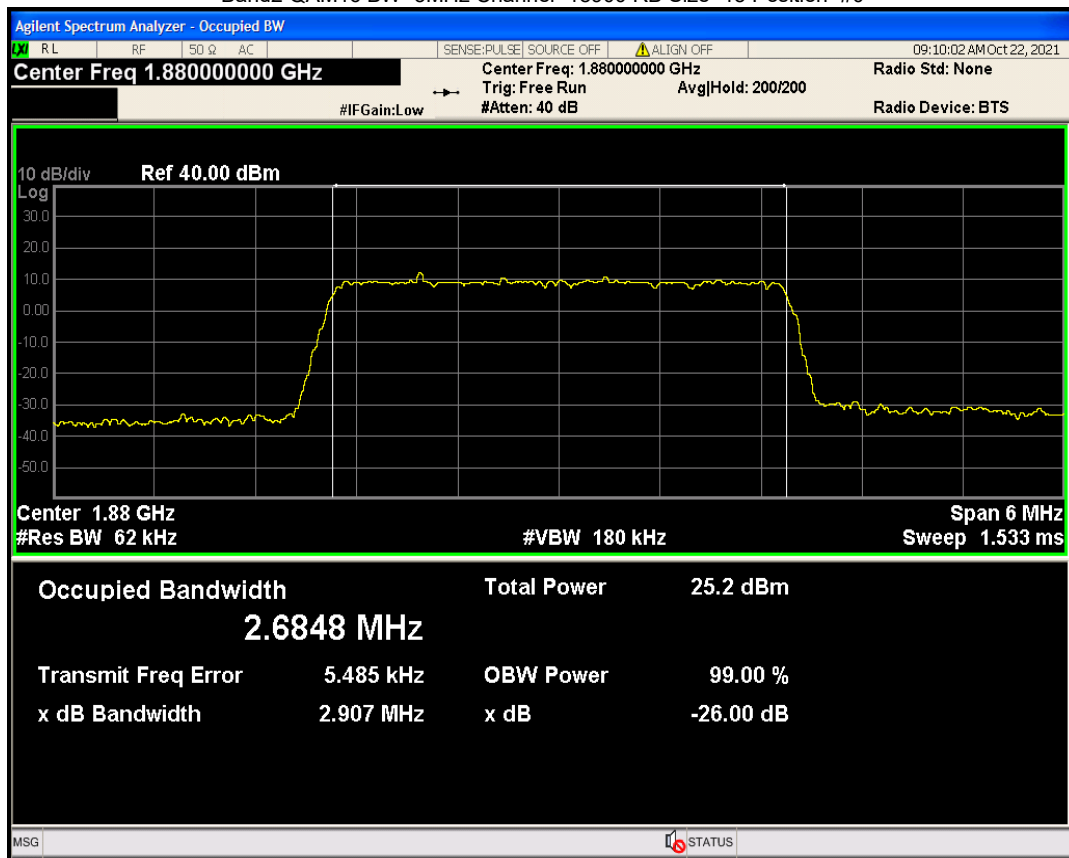
Band2 QAM16 BW=1.4MHz Channel=18900 RB Size=6 Position=#0



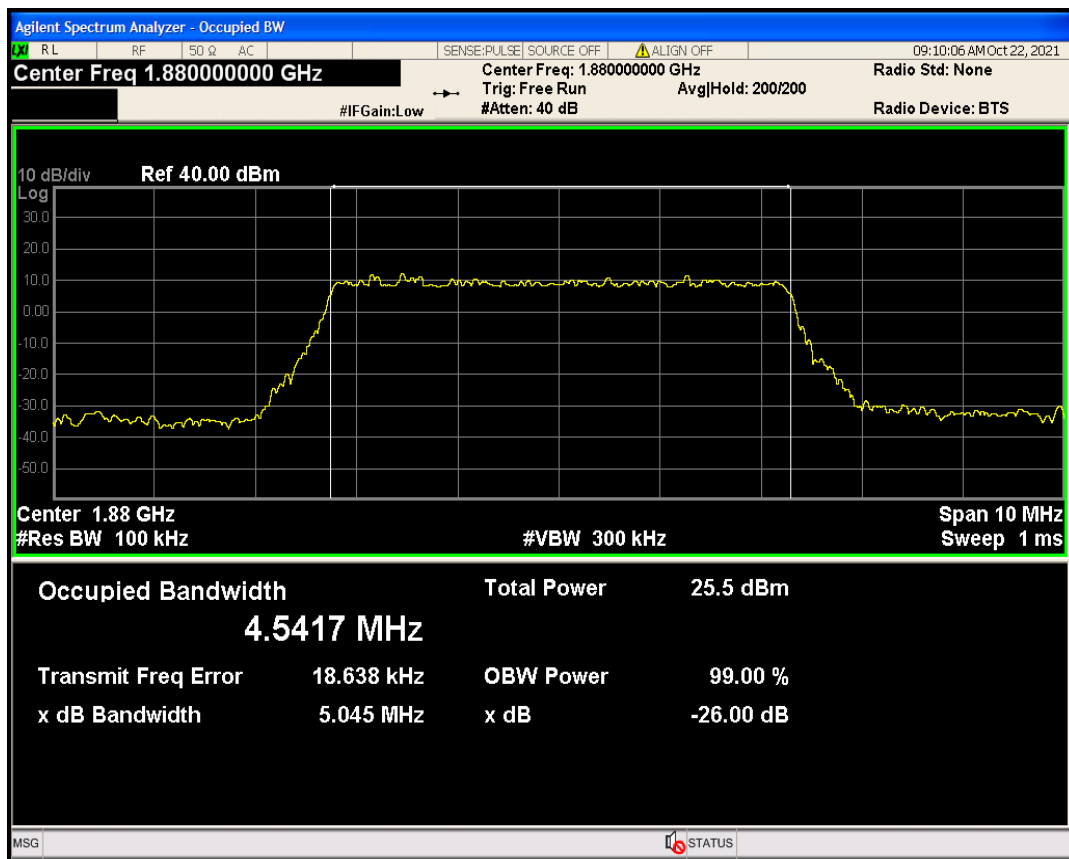
Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0



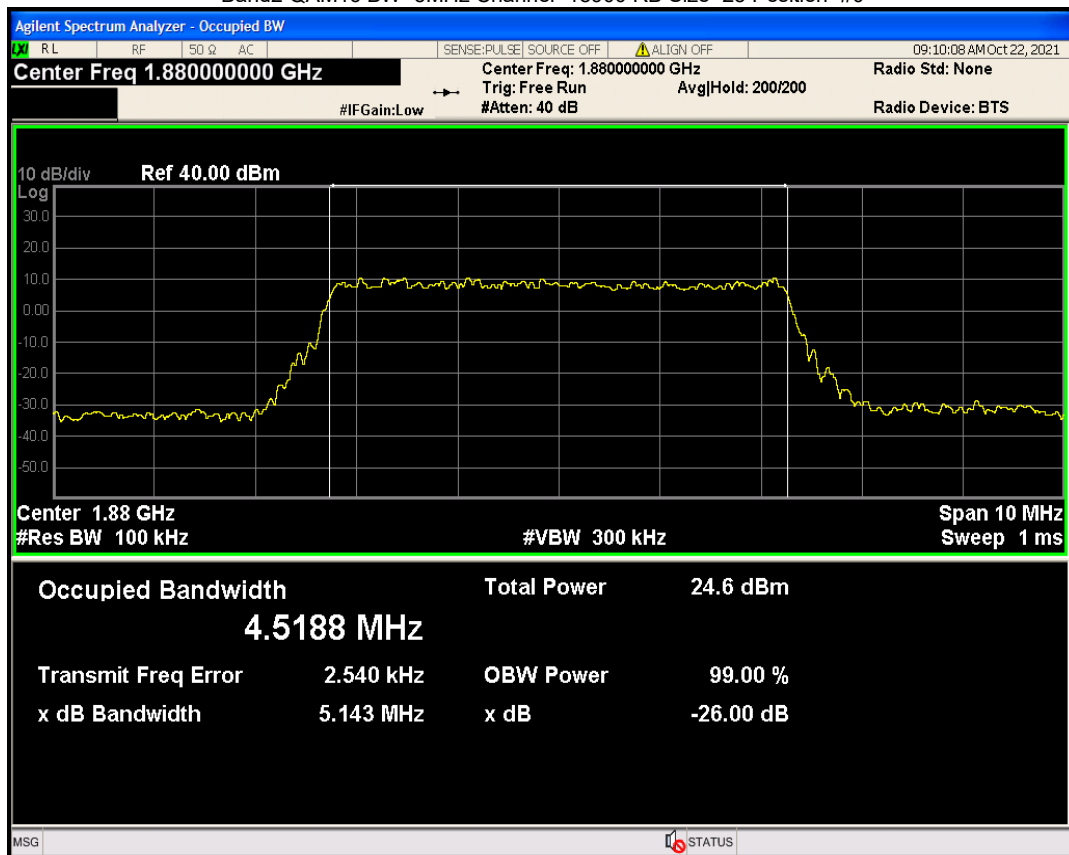
Band2 QAM16 BW=3MHz Channel=18900 RB Size=15 Position=#0



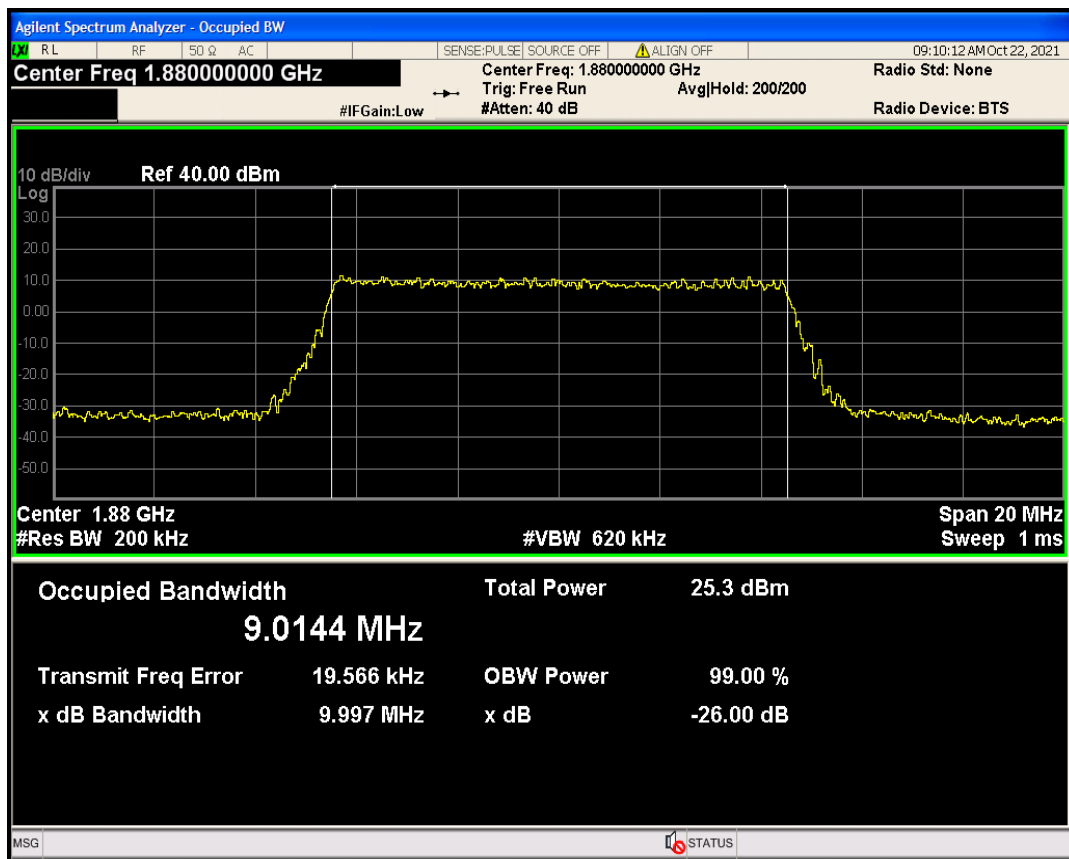
Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0



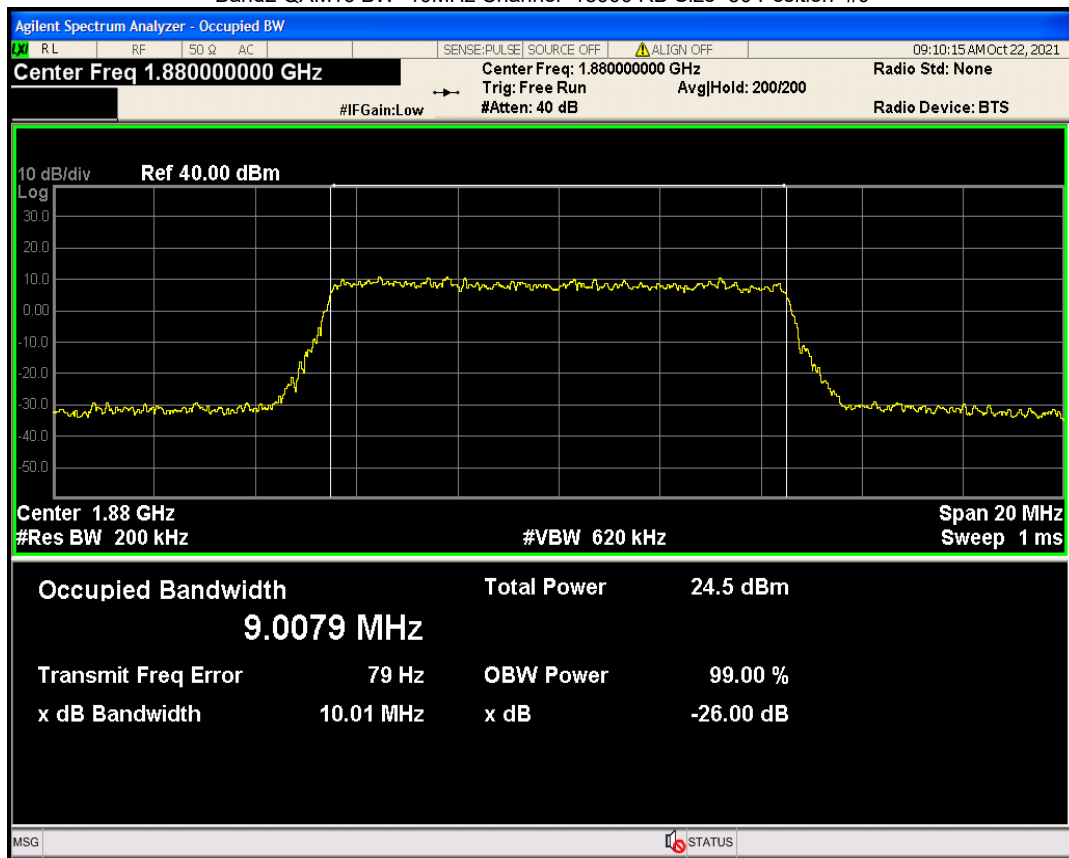
Band2 QAM16 BW=5MHz Channel=18900 RB Size=25 Position=#0



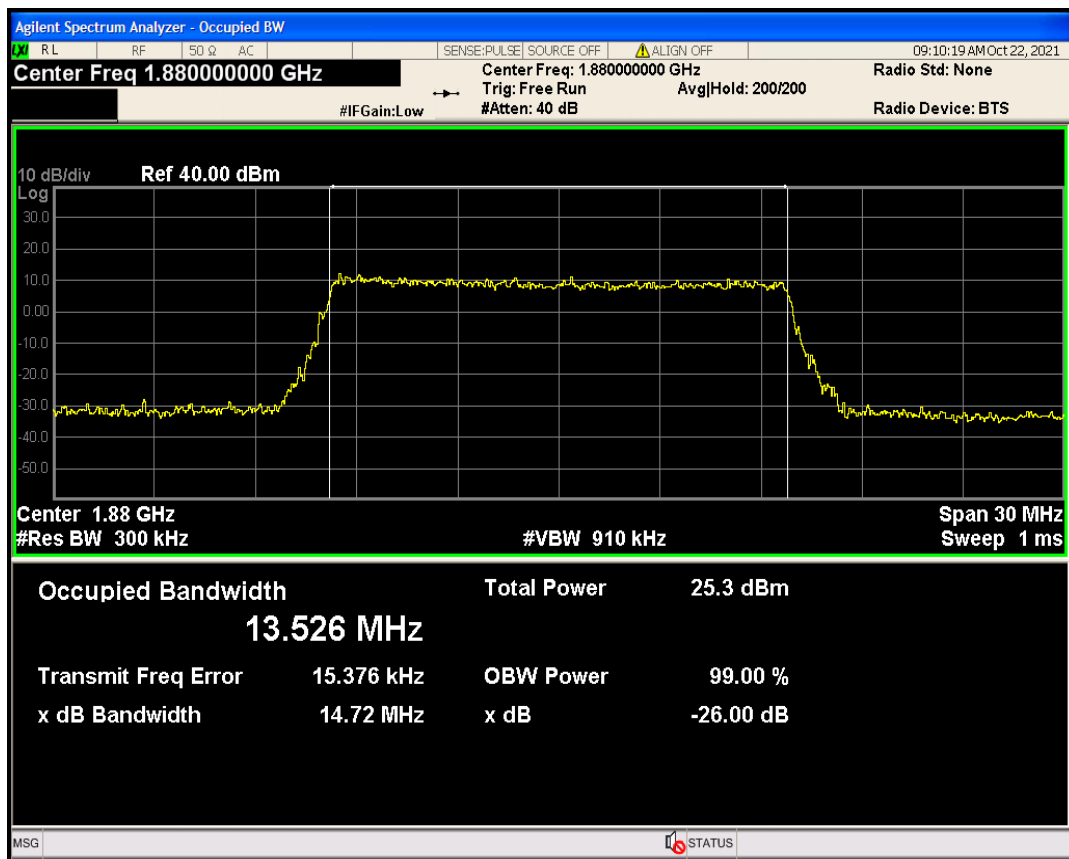
Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0



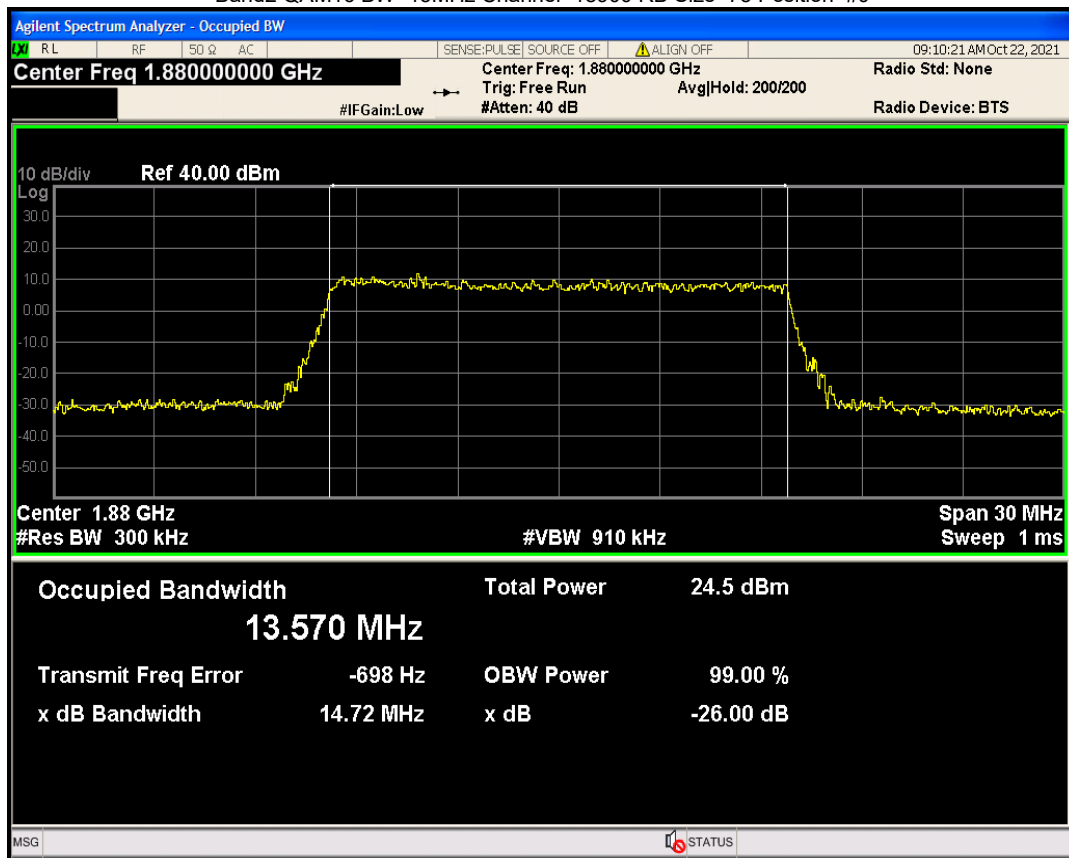
Band2 QAM16 BW=10MHz Channel=18900 RB Size=50 Position=#0



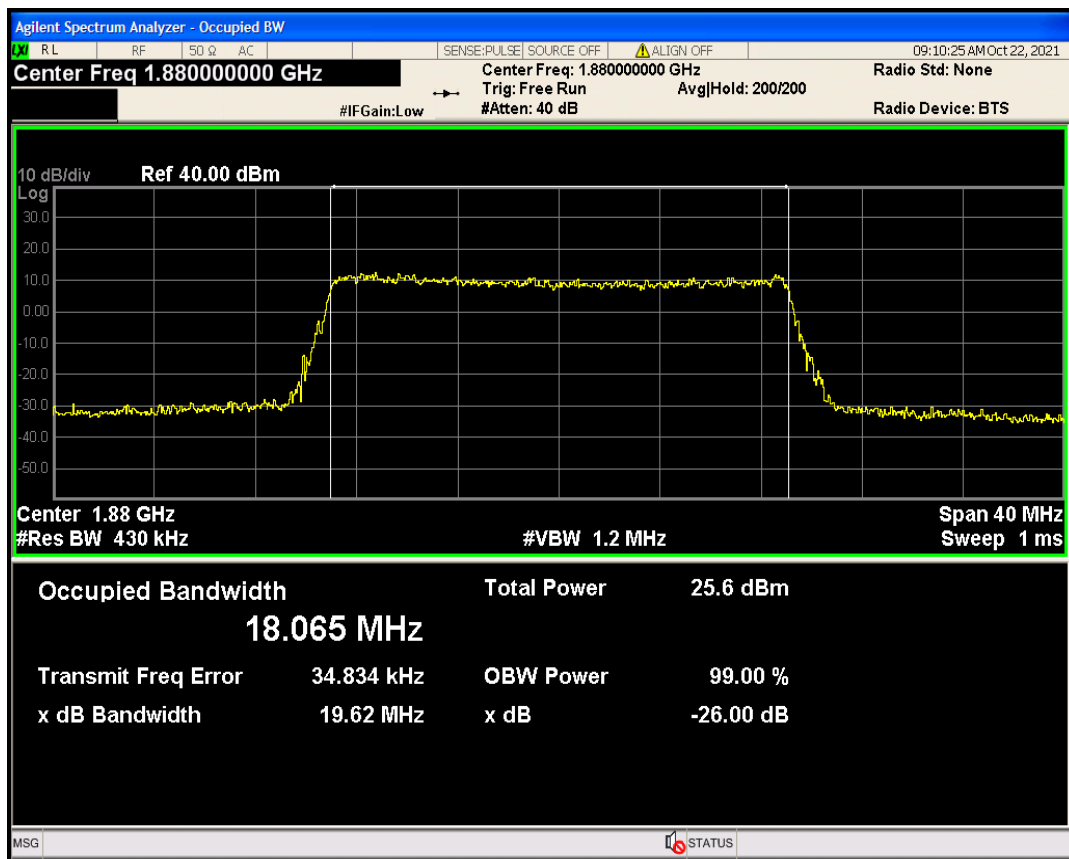
Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0



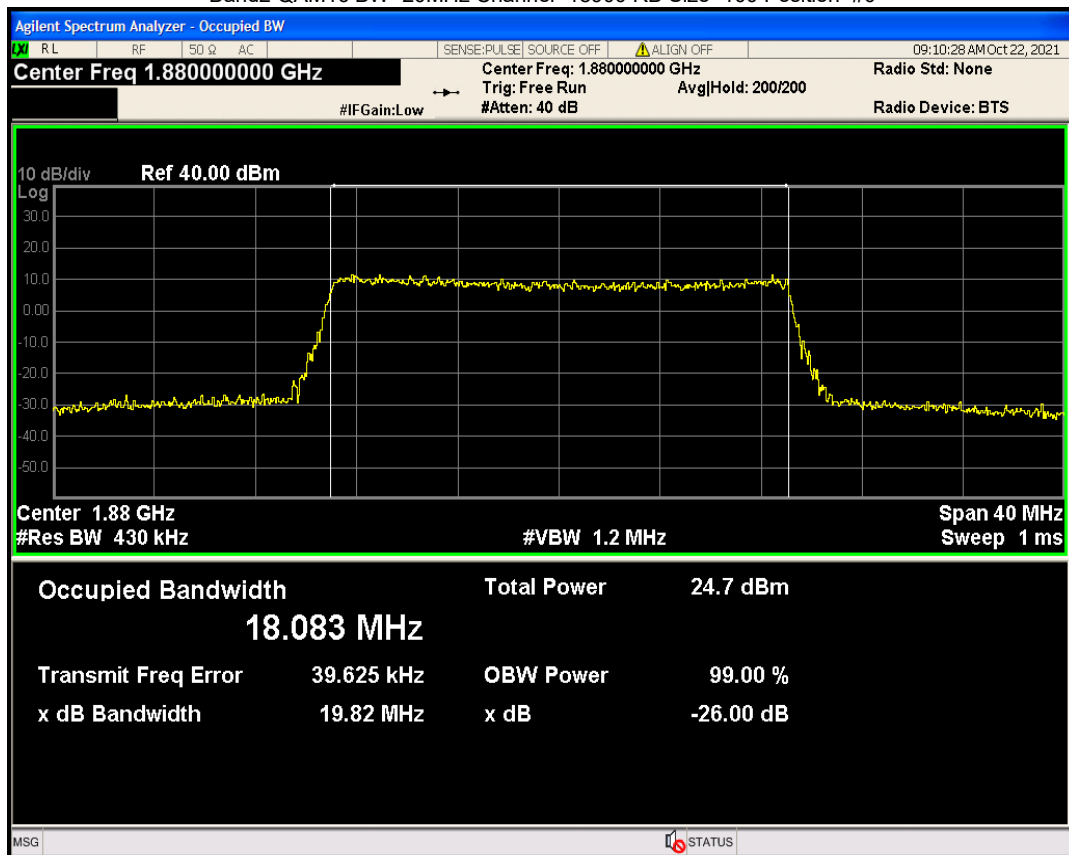
Band2 QAM16 BW=15MHz Channel=18900 RB Size=75 Position=#0



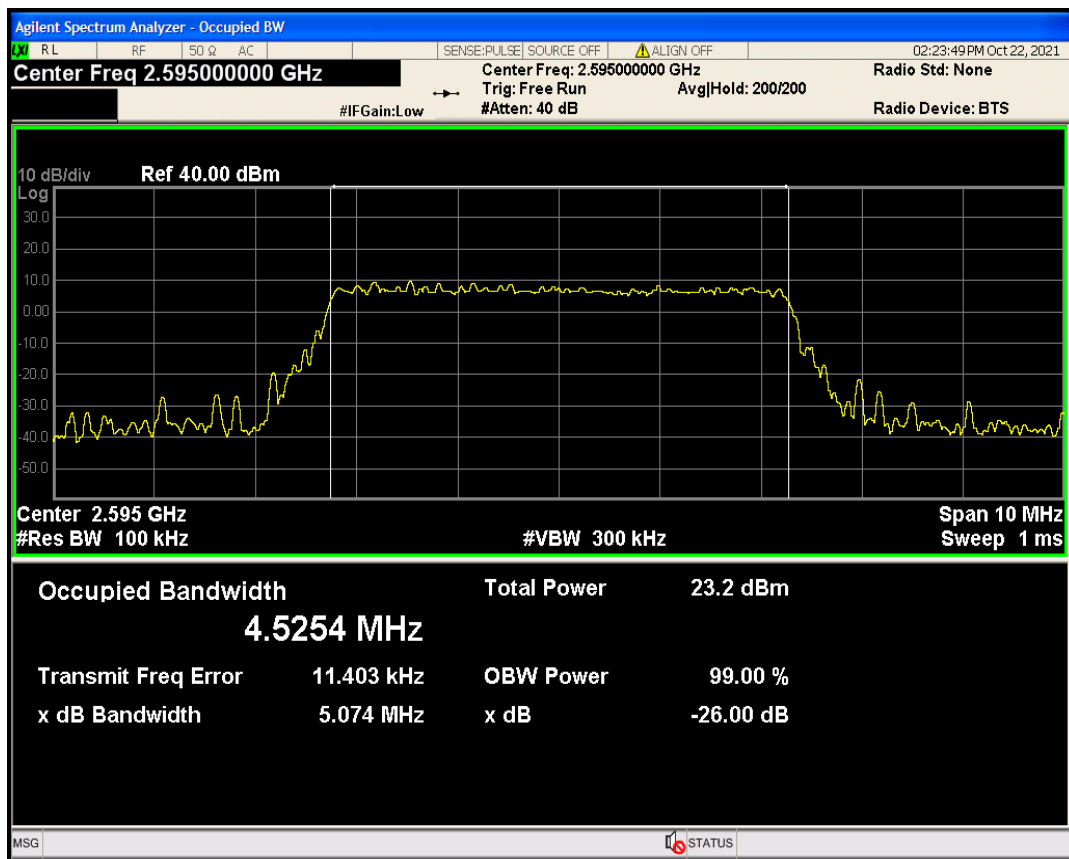
Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0



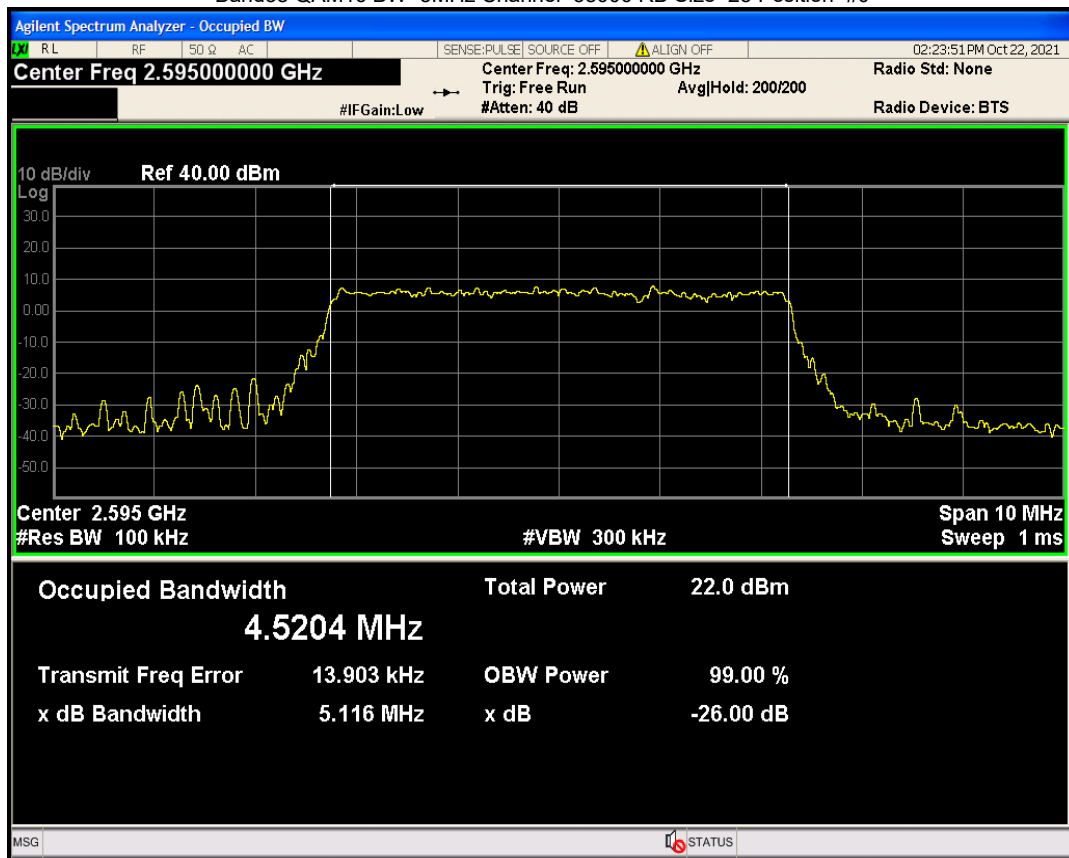
Band2 QAM16 BW=20MHz Channel=18900 RB Size=100 Position=#0



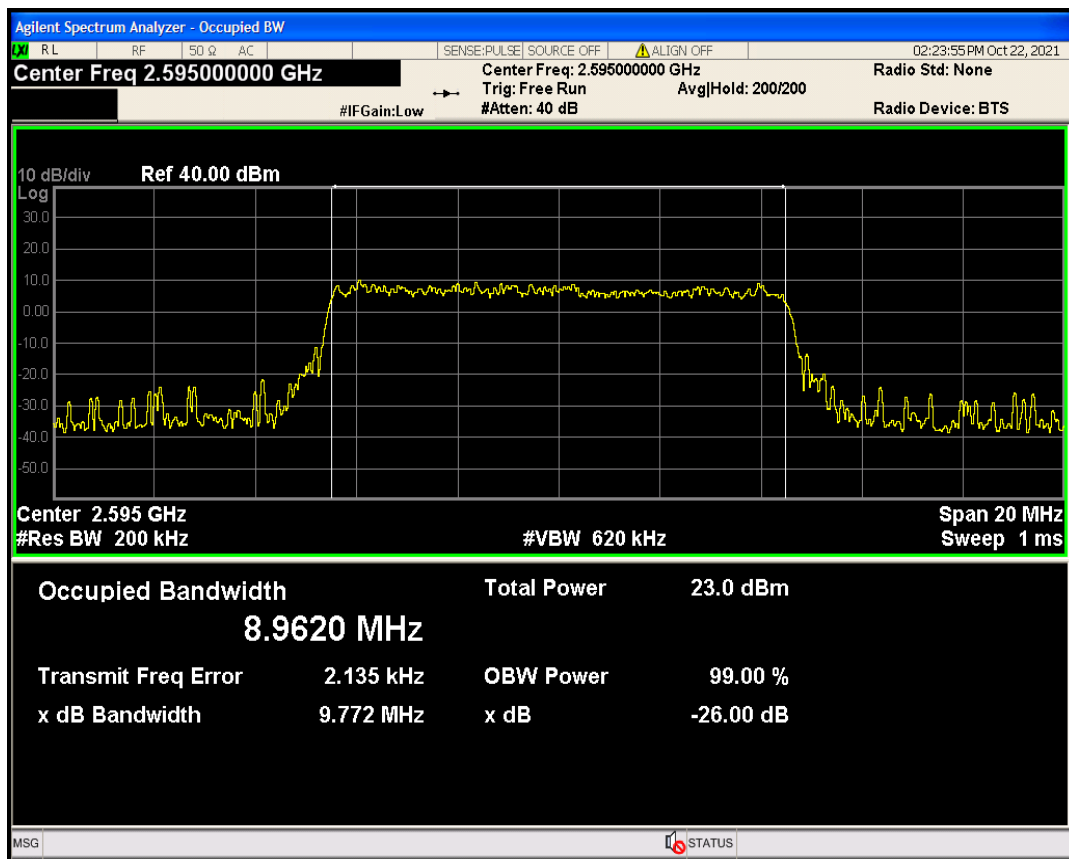
Band38 QPSK BW=5MHz Channel=38000 RB Size=25 Position=#0



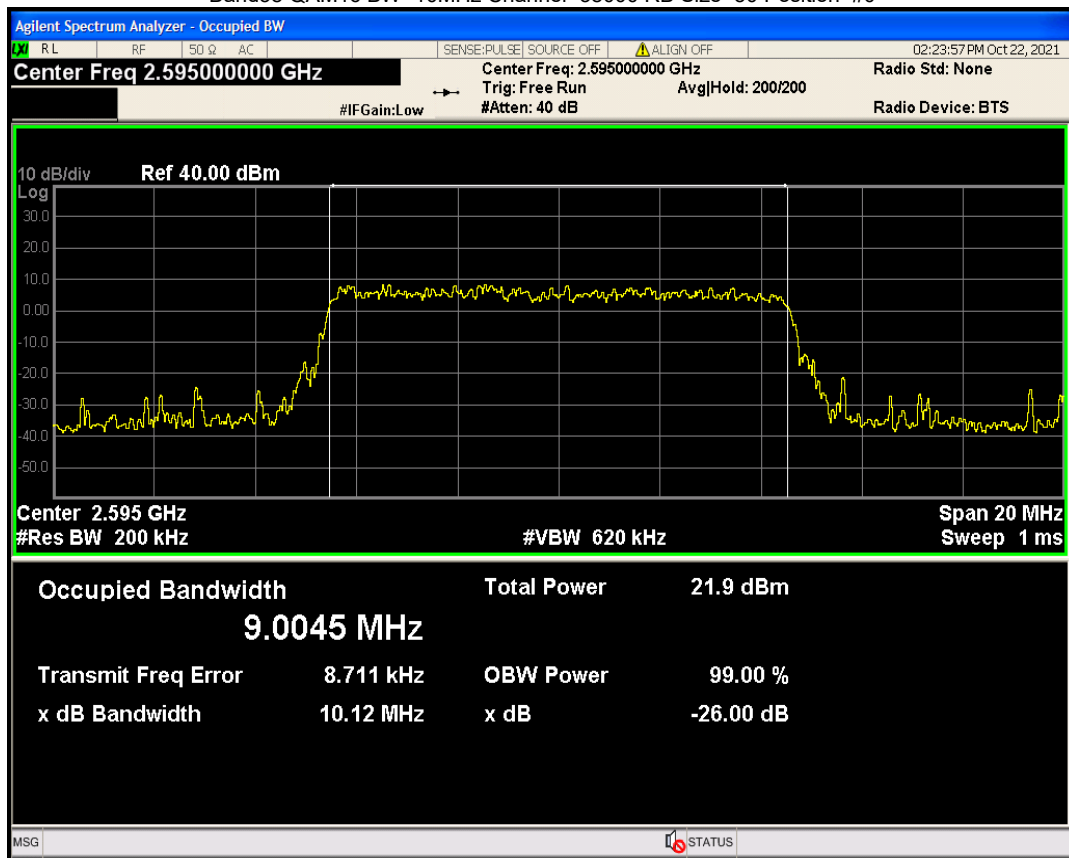
Band38 QAM16 BW=5MHz Channel=38000 RB Size=25 Position=#0



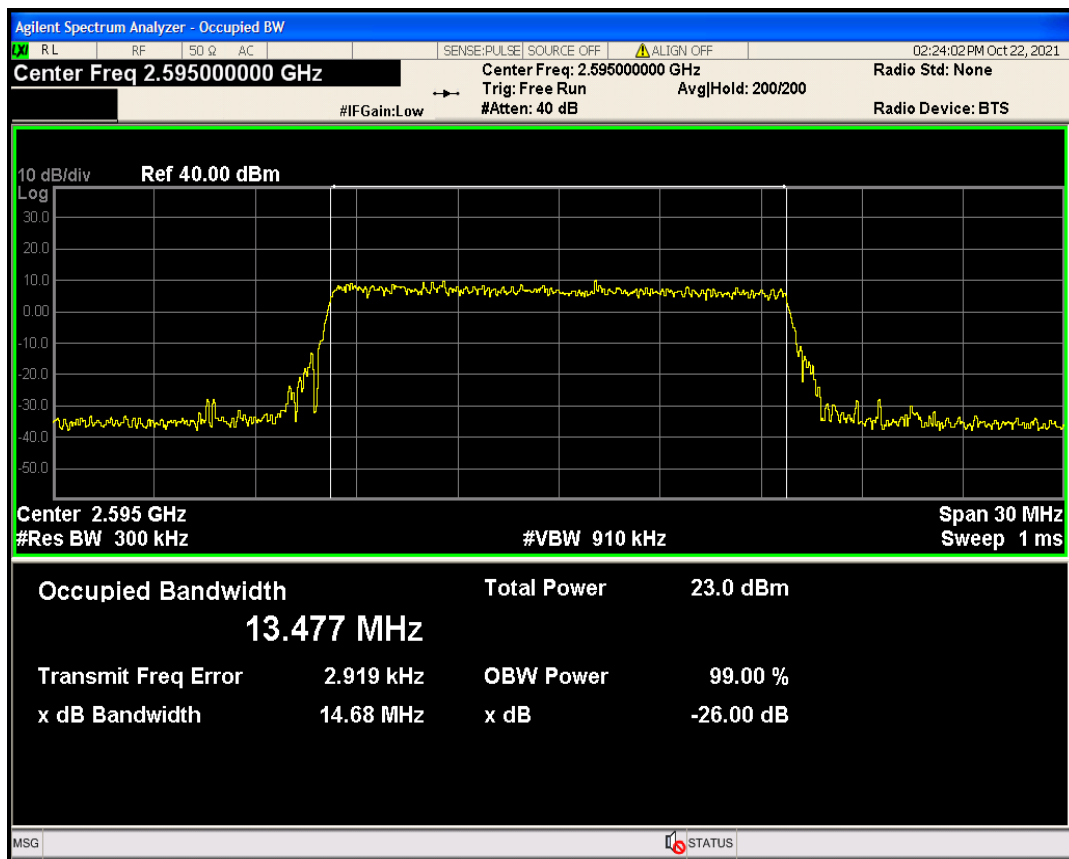
Band38 QPSK BW=10MHz Channel=38000 RB Size=50 Position=#0



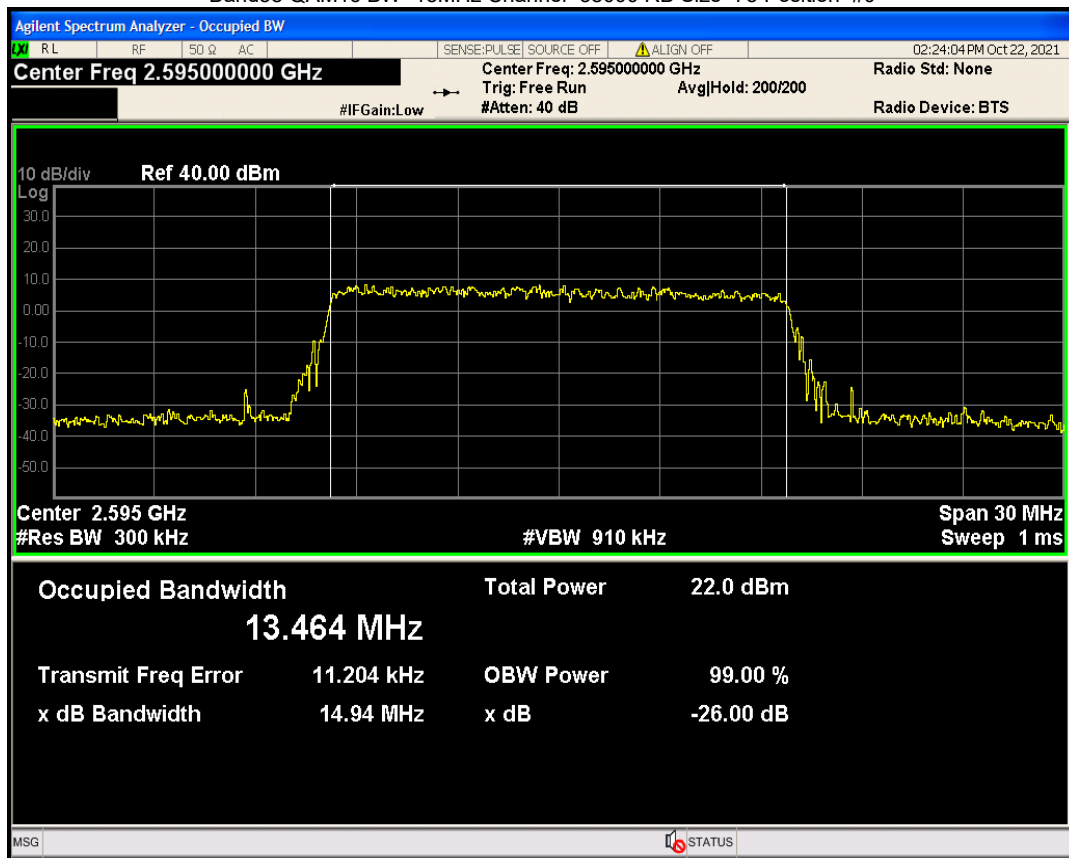
Band38 QAM16 BW=10MHz Channel=38000 RB Size=50 Position=#0



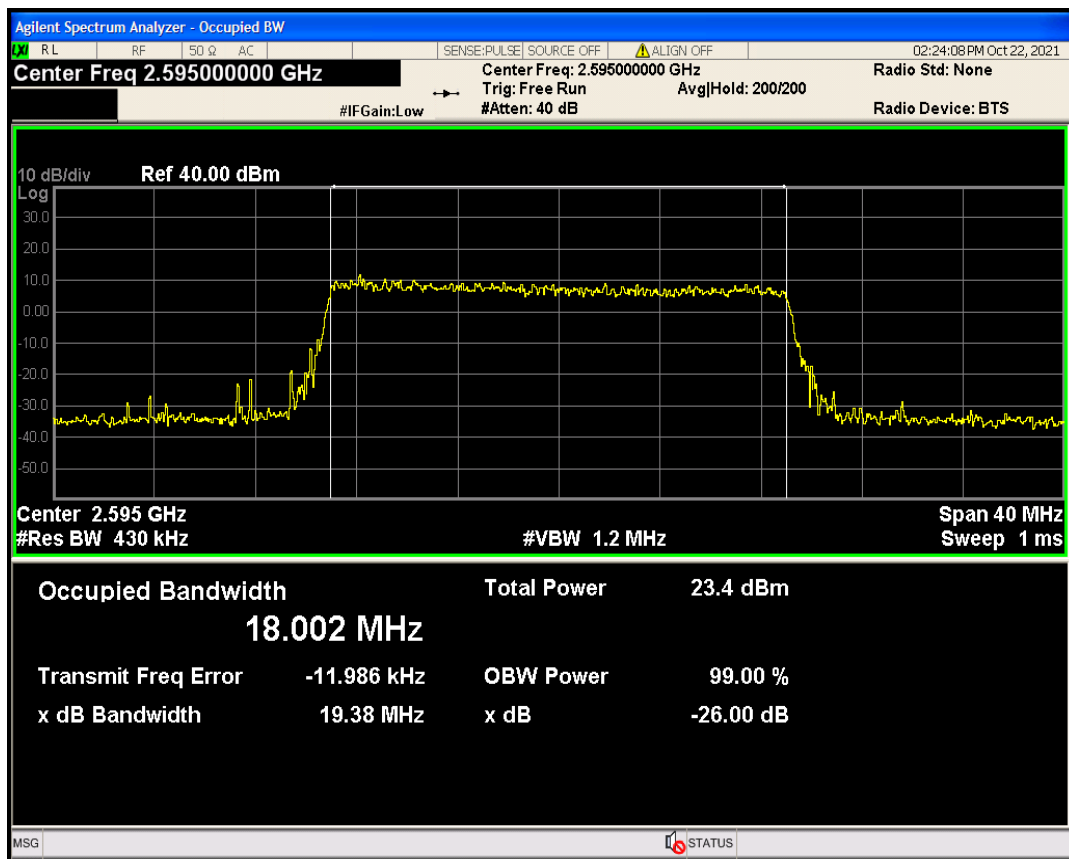
Band38 QPSK BW=15MHz Channel=38000 RB Size=75 Position=#0



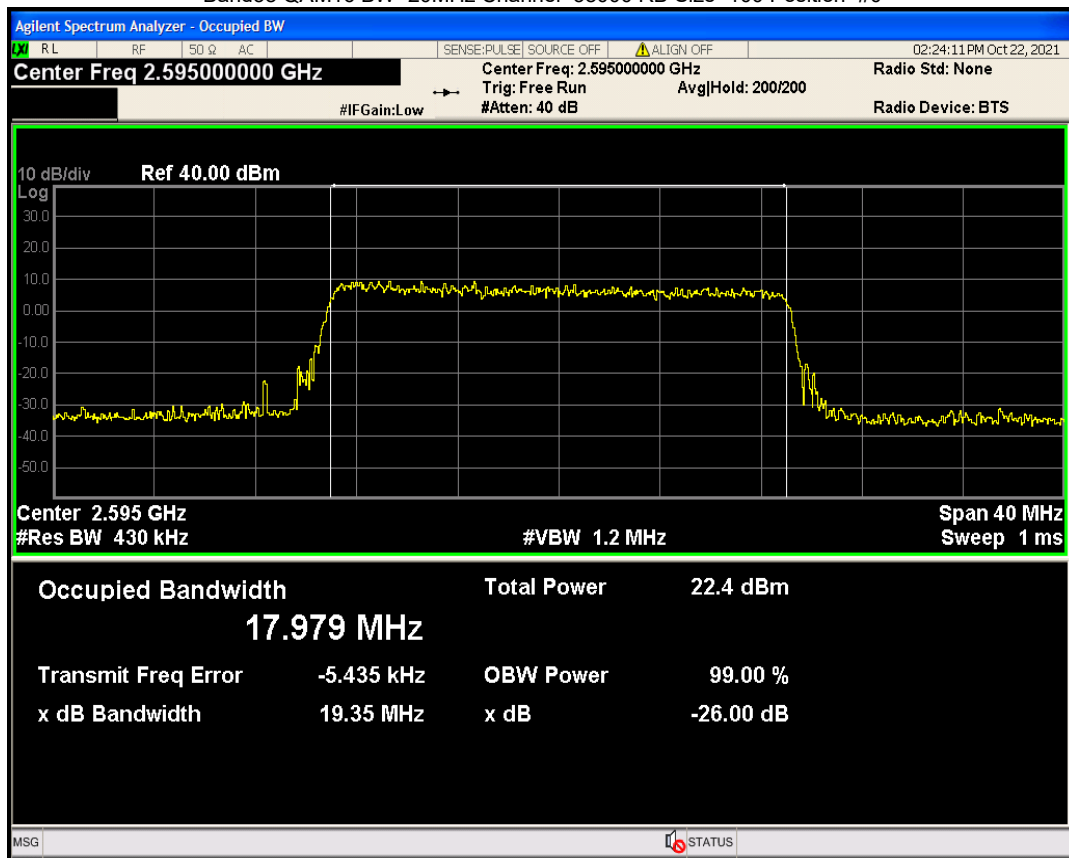
Band38 QAM16 BW=15MHz Channel=38000 RB Size=75 Position=#0



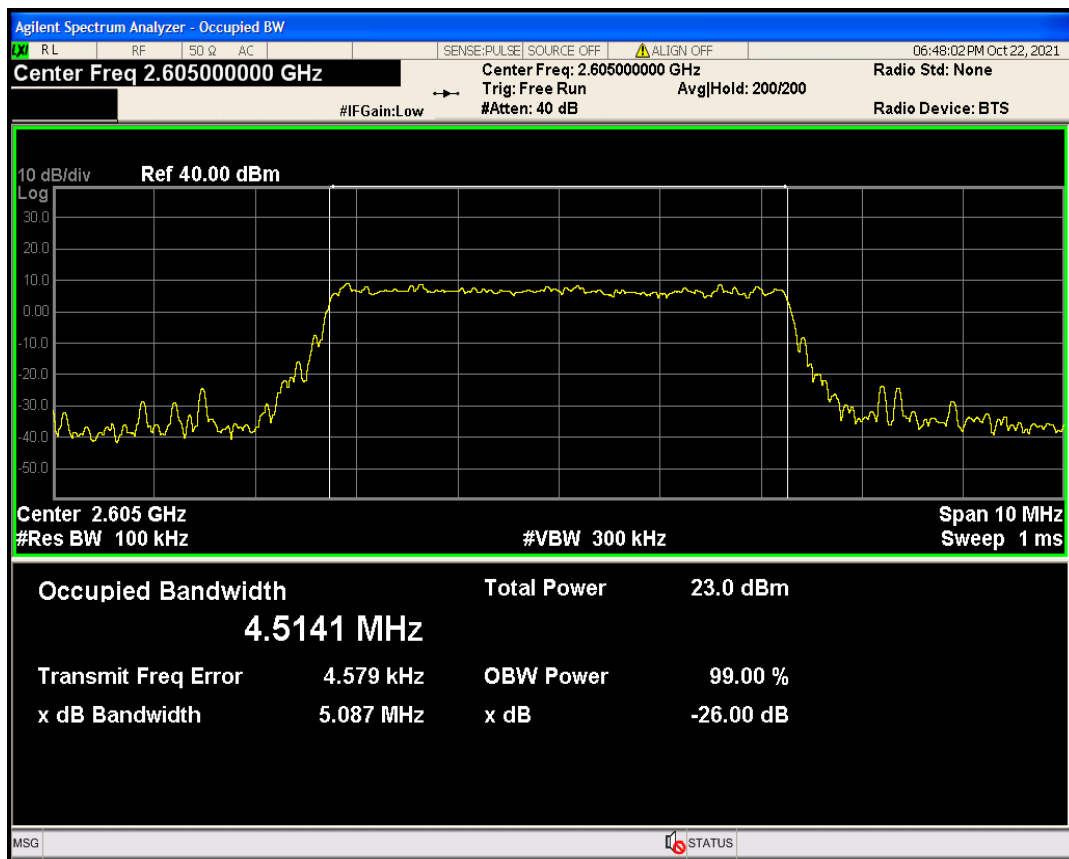
Band38 QPSK BW=20MHz Channel=38000 RB Size=100 Position=#0



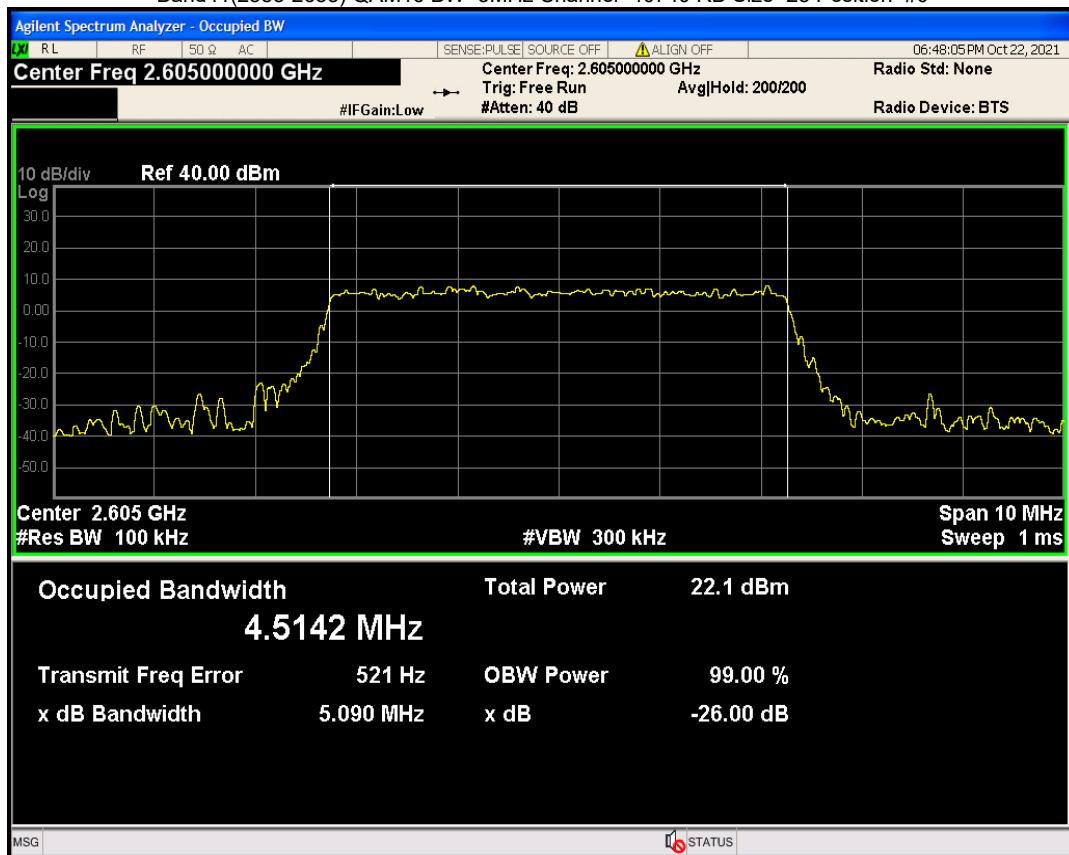
Band38 QAM16 BW=20MHz Channel=38000 RB Size=100 Position=#0



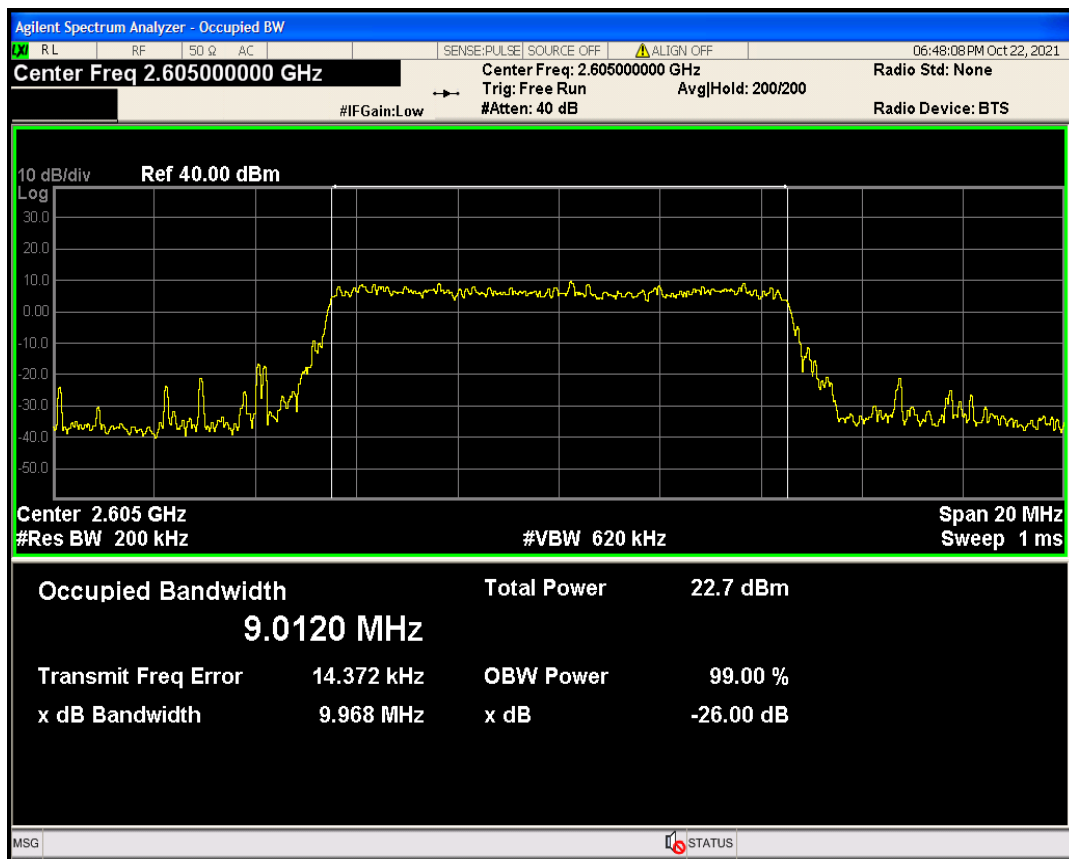
Band41(2555-2655) QPSK BW=5MHz Channel=40740 RB Size=25 Position=#0



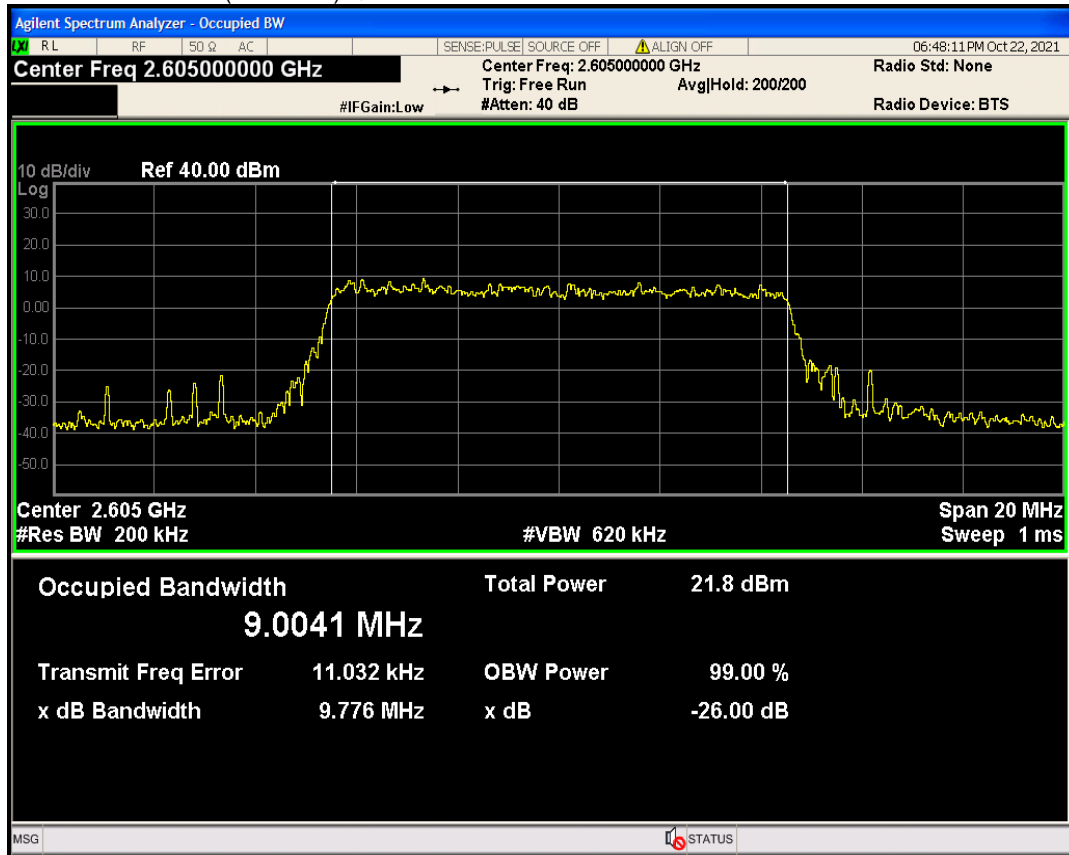
Band41(2555-2655) QAM16 BW=5MHz Channel=40740 RB Size=25 Position=#0



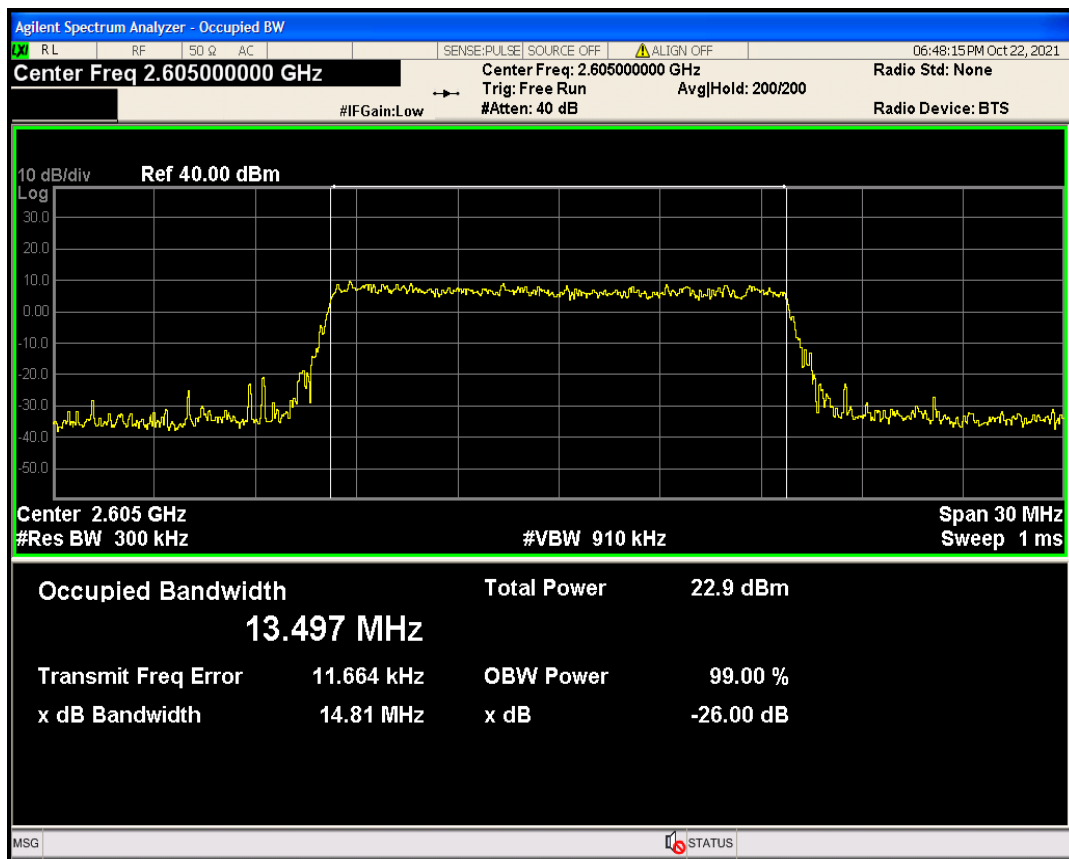
Band41(2555-2655) QPSK BW=10MHz Channel=40740 RB Size=50 Position=#0



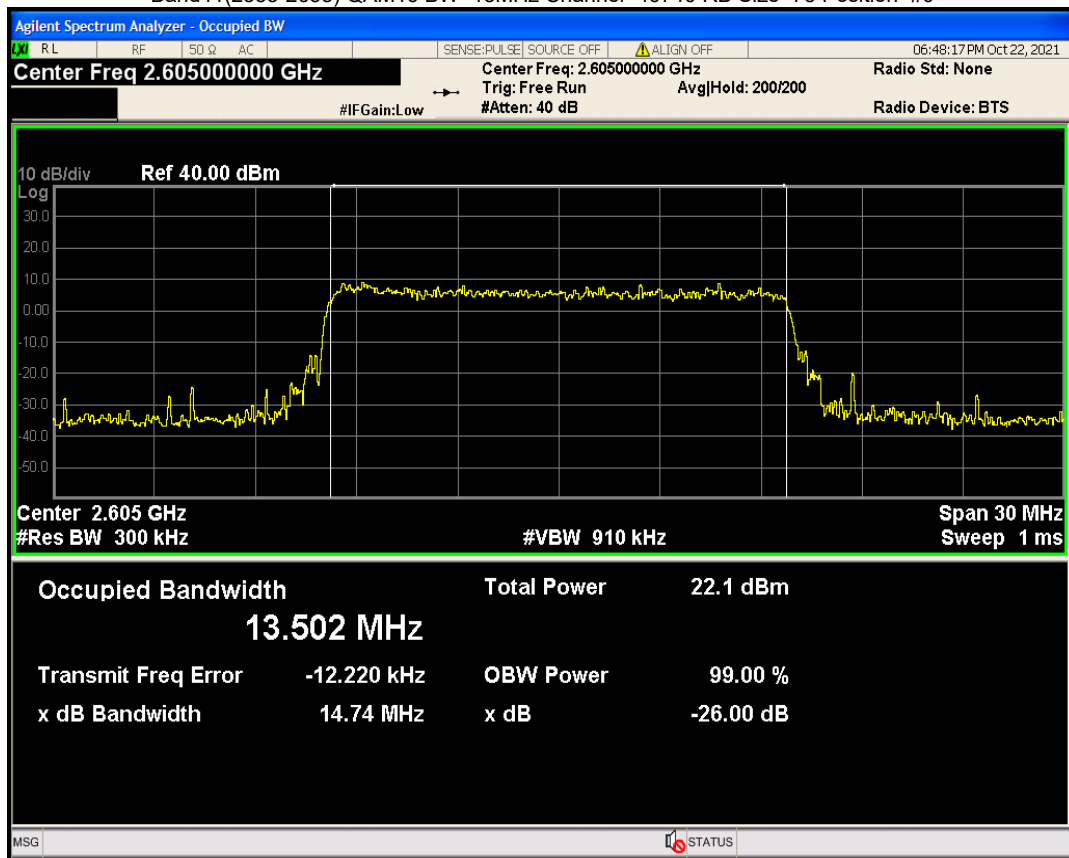
Band41(2555-2655) QAM16 BW=10MHz Channel=40740 RB Size=50 Position=#0



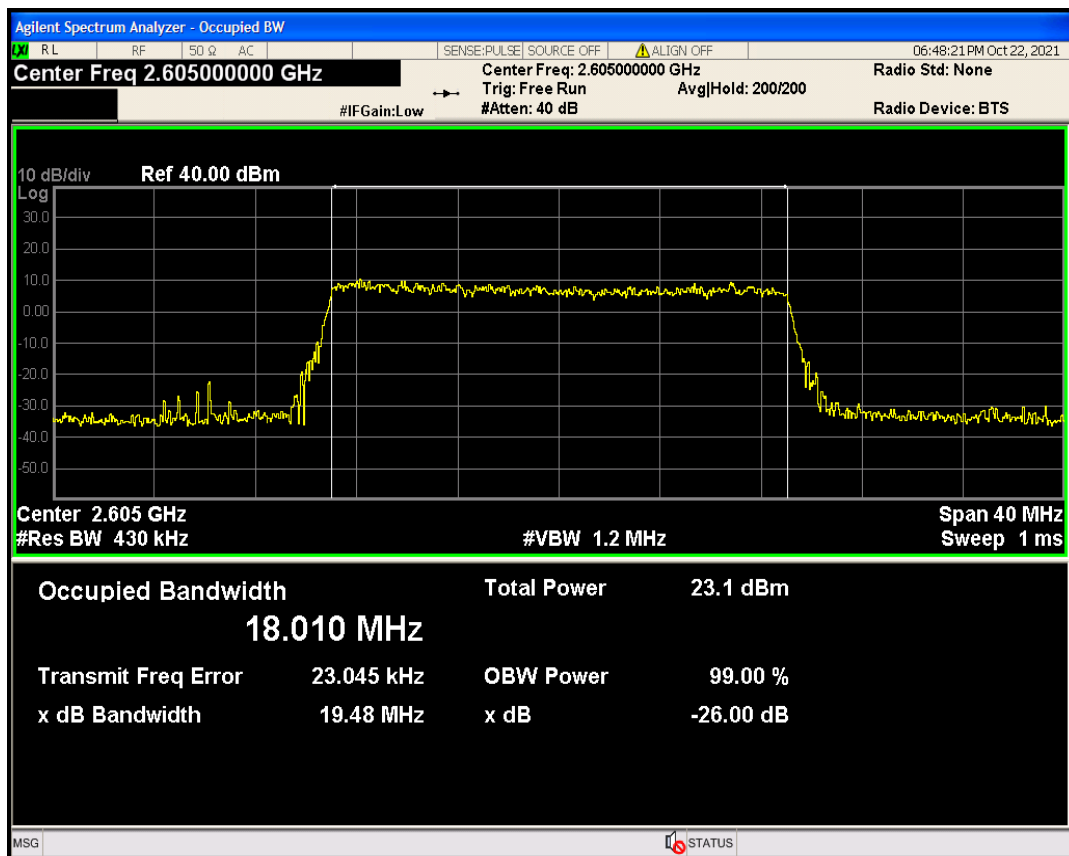
Band41(2555-2655) QPSK BW=15MHz Channel=40740 RB Size=75 Position=#0



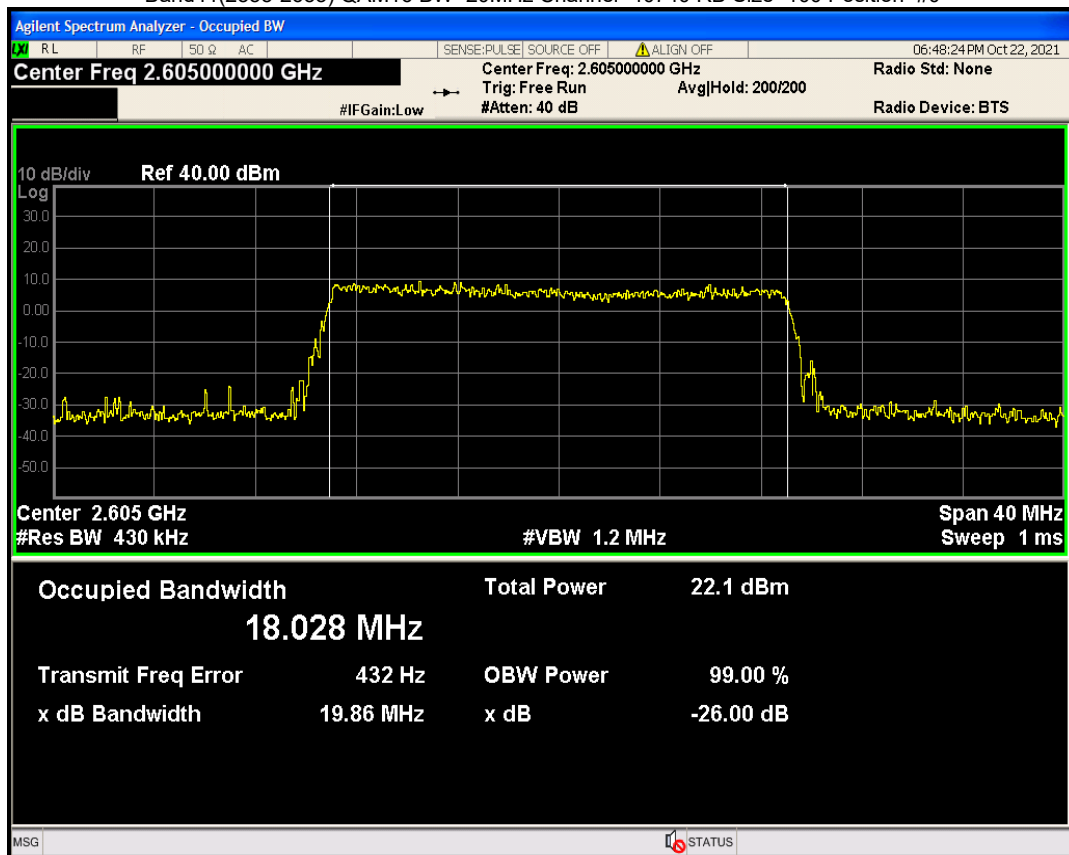
Band41(2555-2655) QAM16 BW=15MHz Channel=40740 RB Size=75 Position=#0



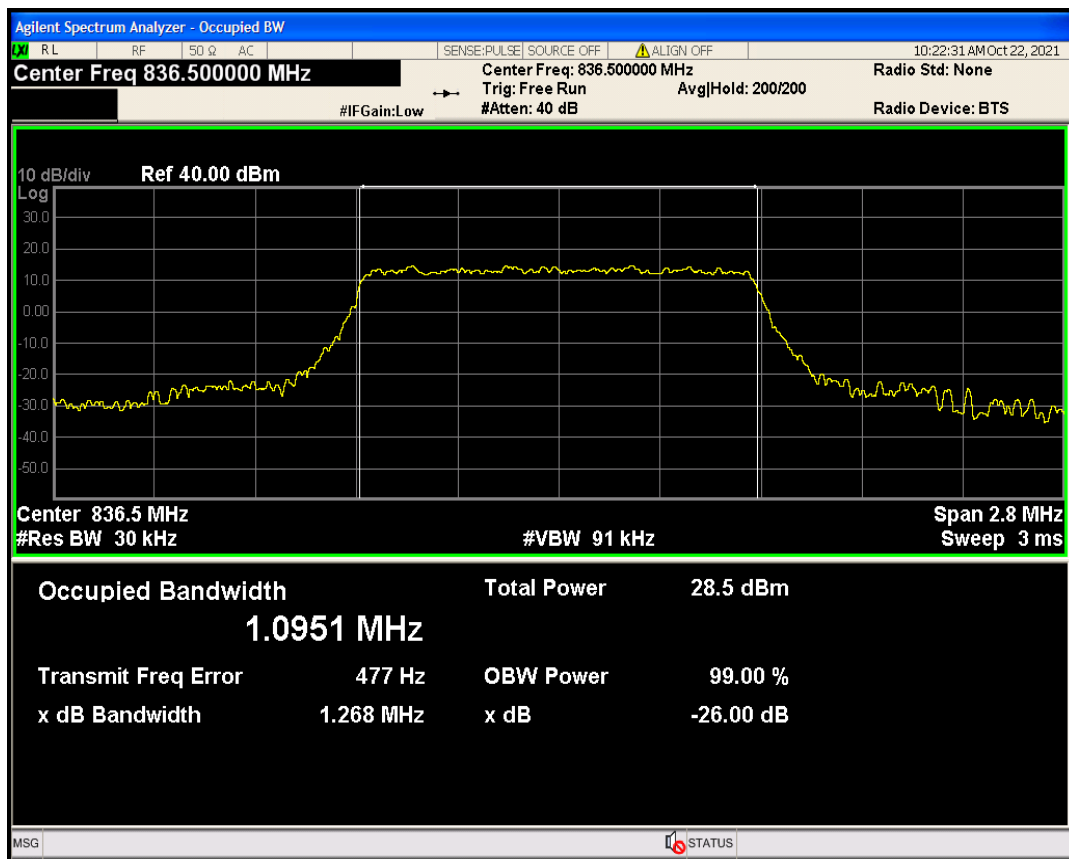
Band41(2555-2655) QPSK BW=20MHz Channel=40740 RB Size=100 Position=#0



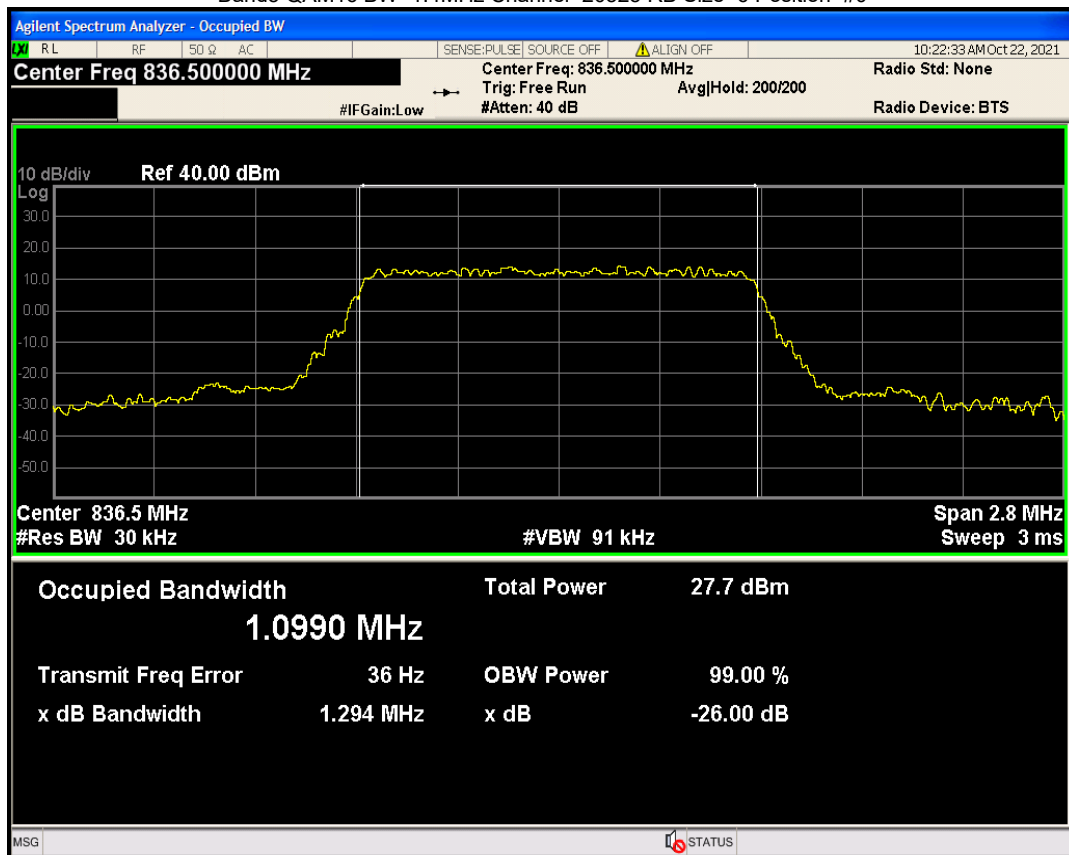
Band41(2555-2655) QAM16 BW=20MHz Channel=40740 RB Size=100 Position=#0



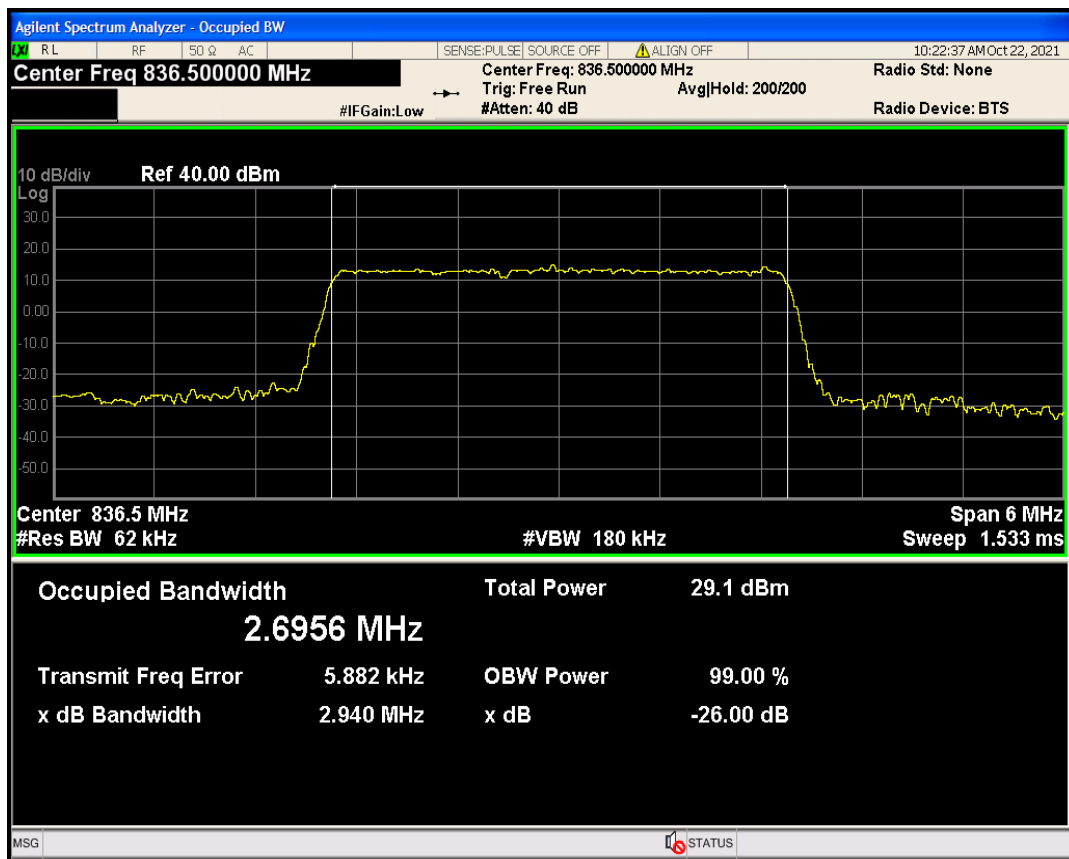
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



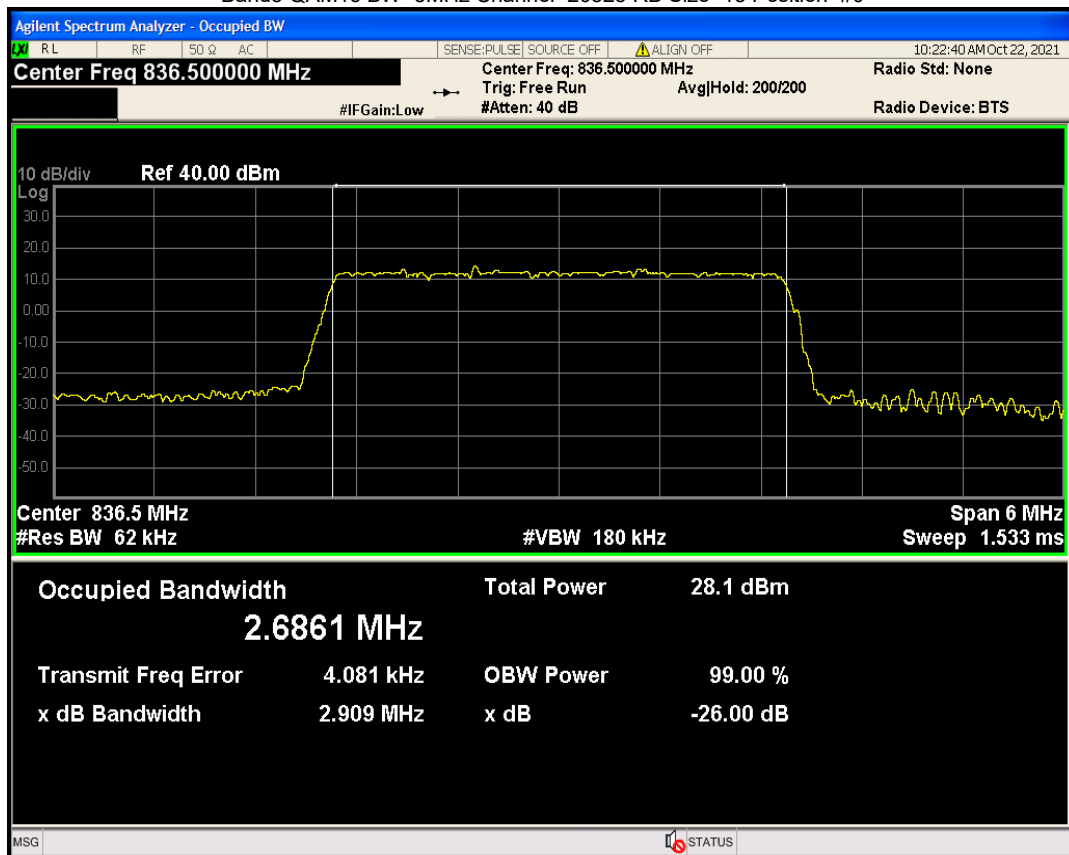
Band5 QAM16 BW=1.4MHz Channel=20525 RB Size=6 Position=#0



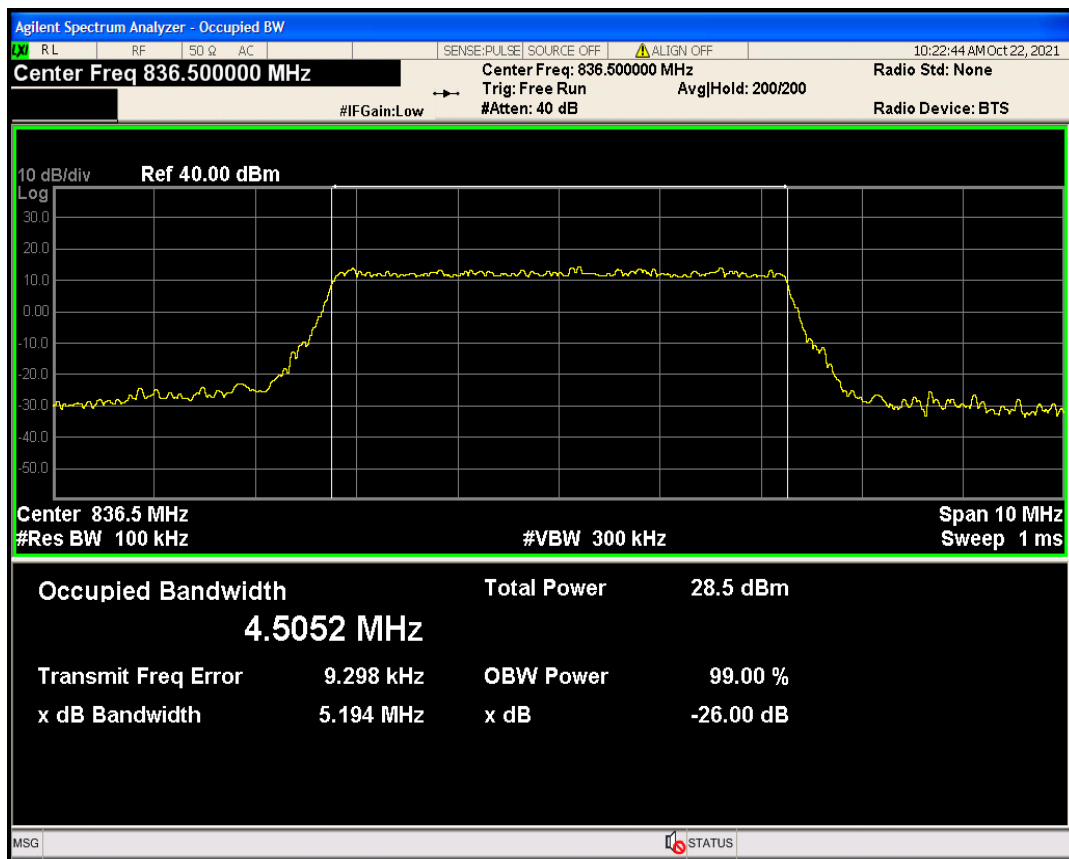
Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0



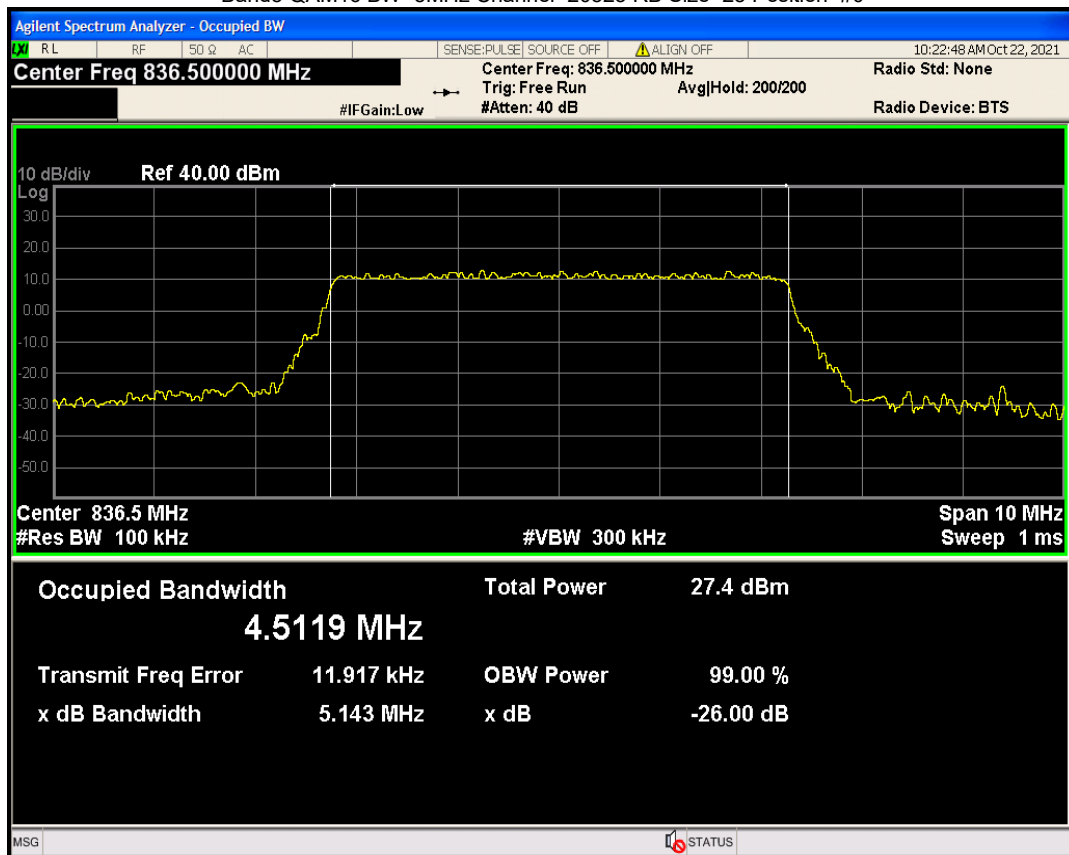
Band5 QAM16 BW=3MHz Channel=20525 RB Size=15 Position=#0



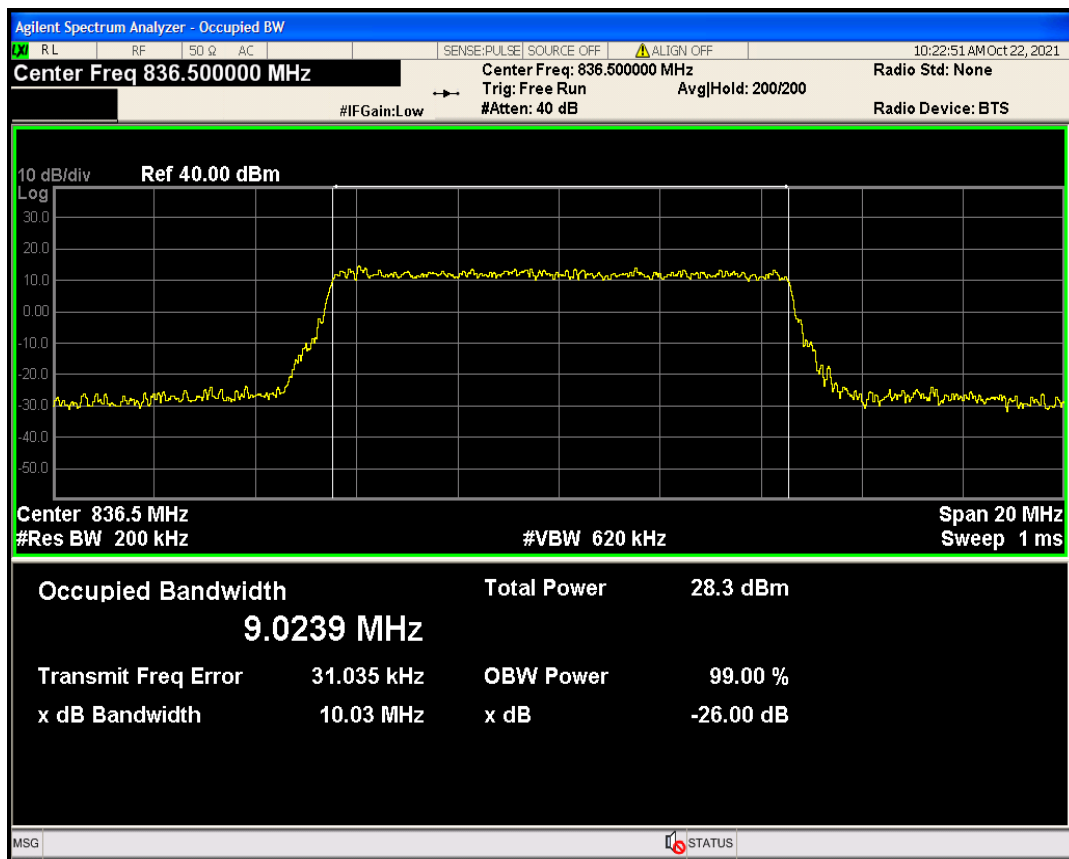
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



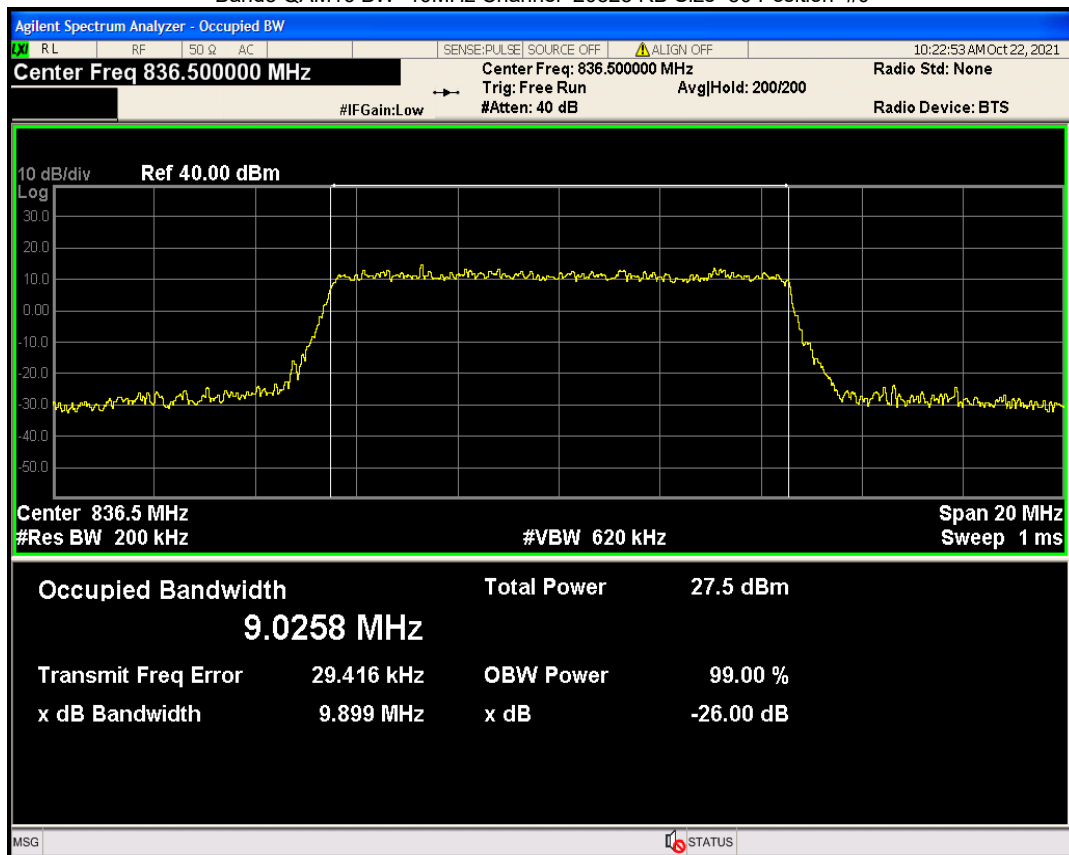
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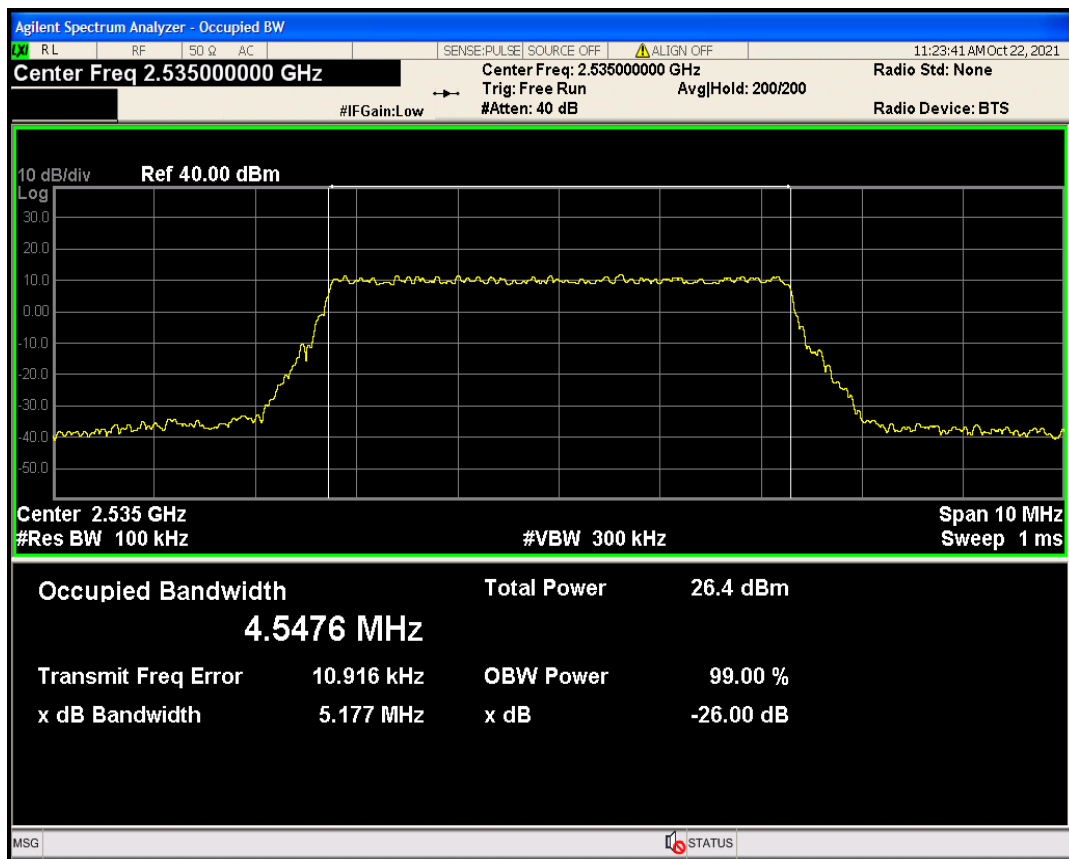
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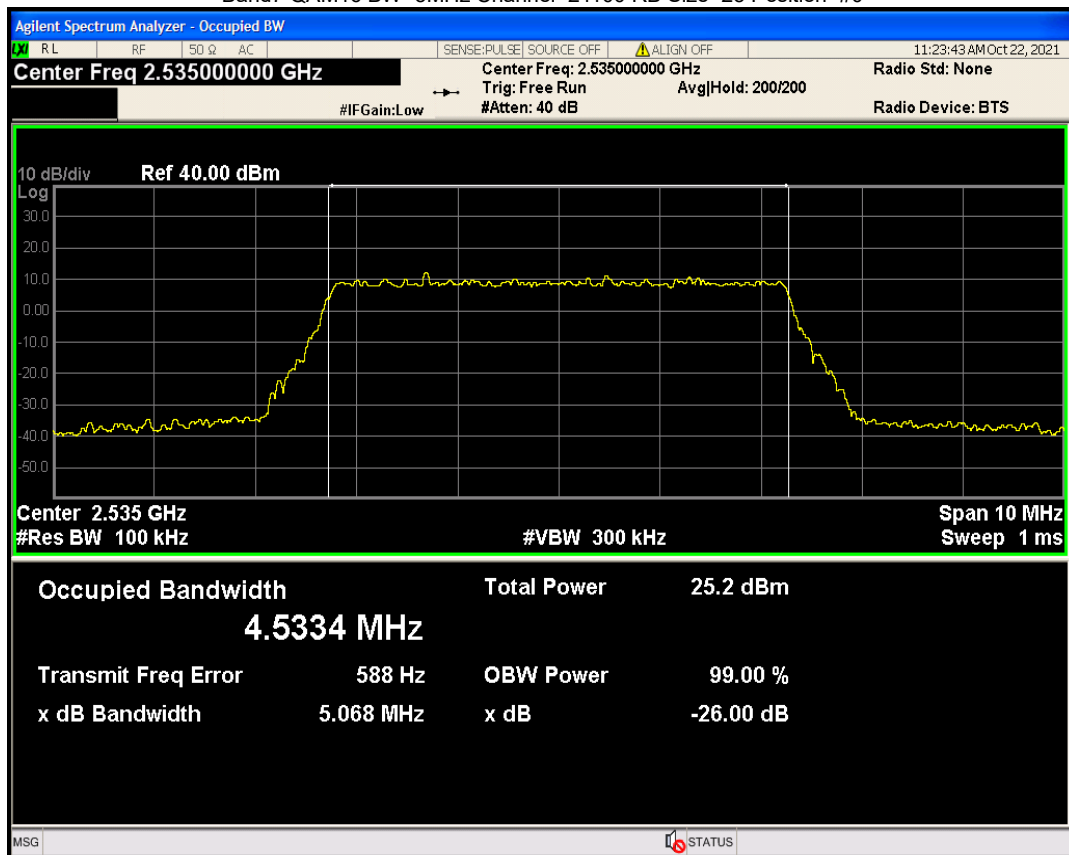
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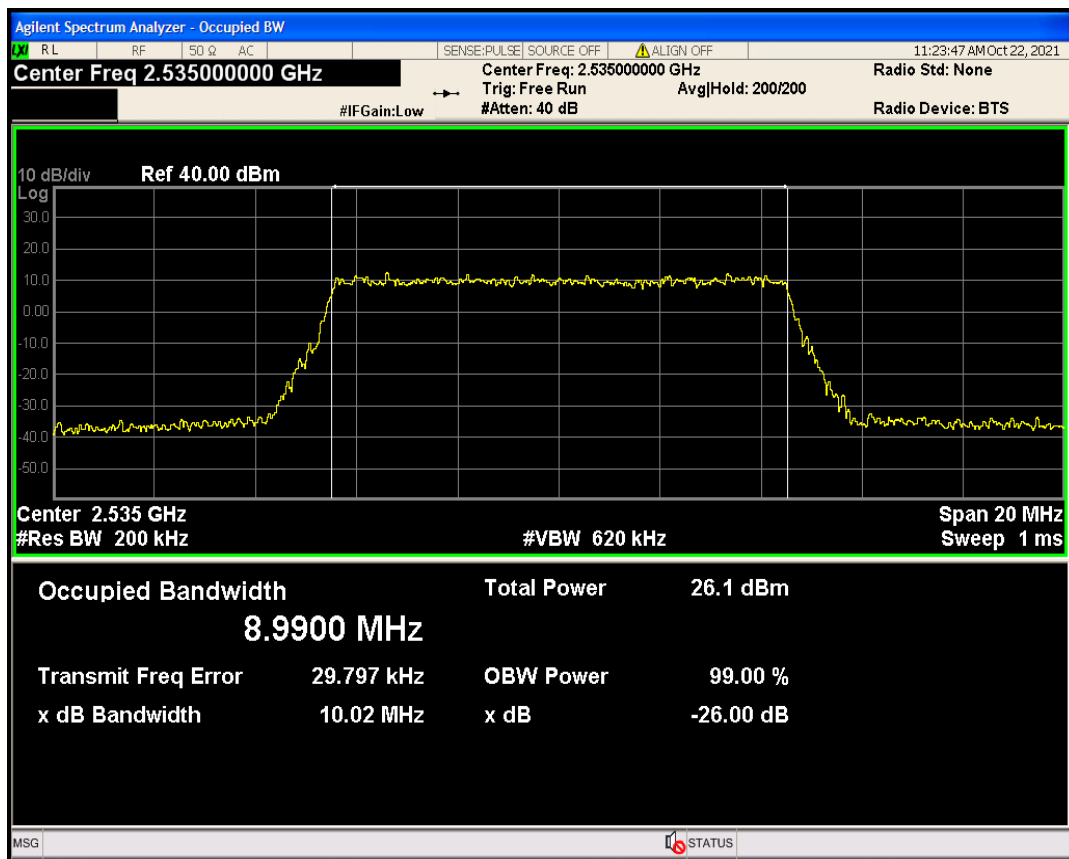
Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0



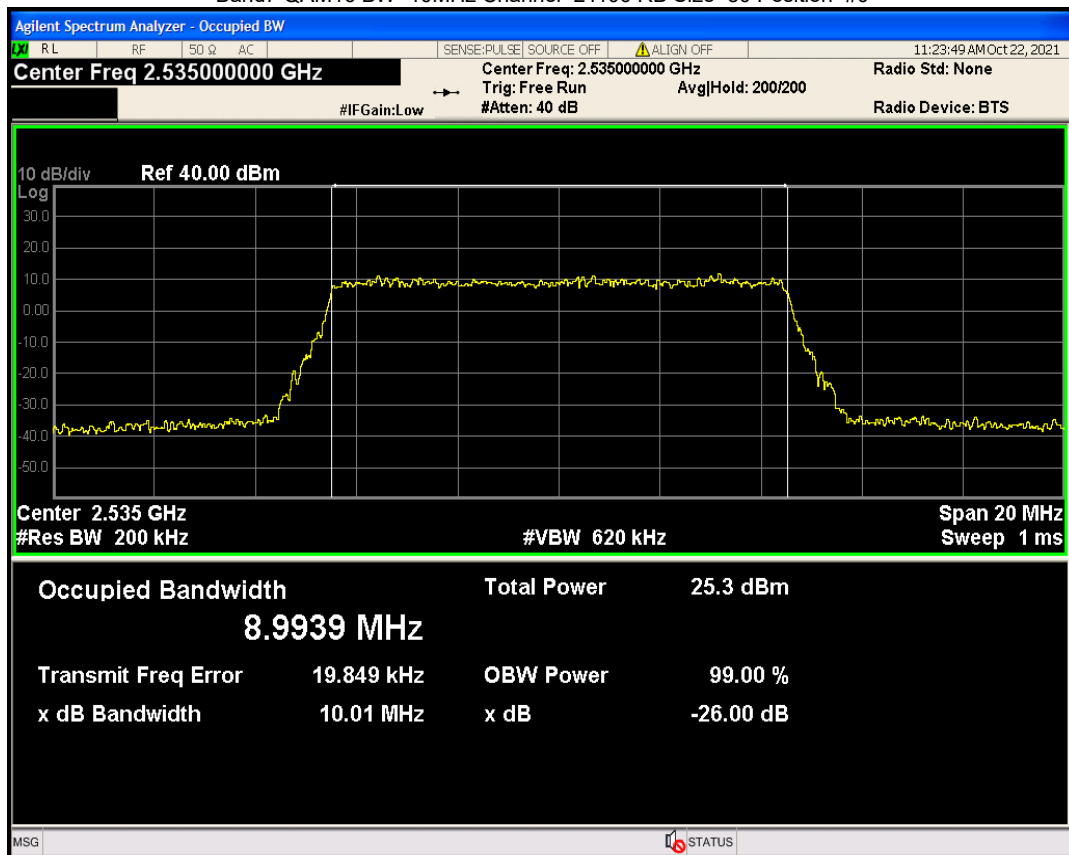
Band7 QAM16 BW=5MHz Channel=21100 RB Size=25 Position=#0



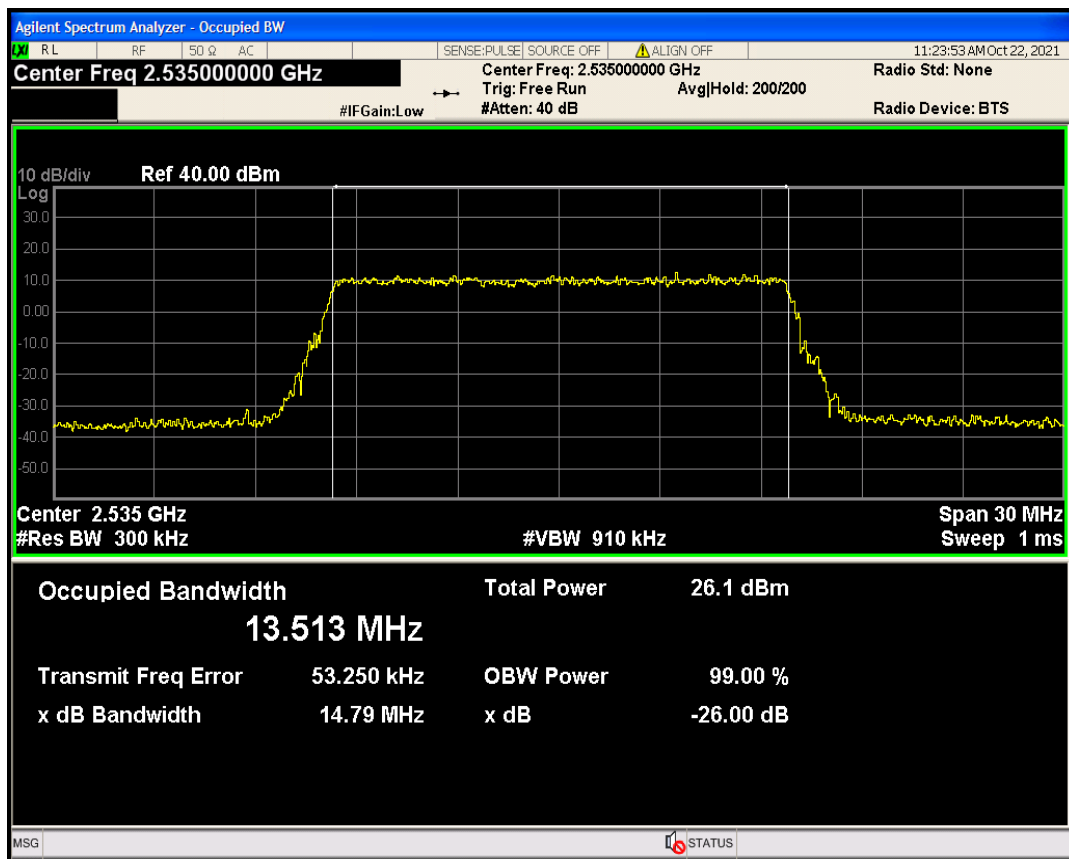
Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0



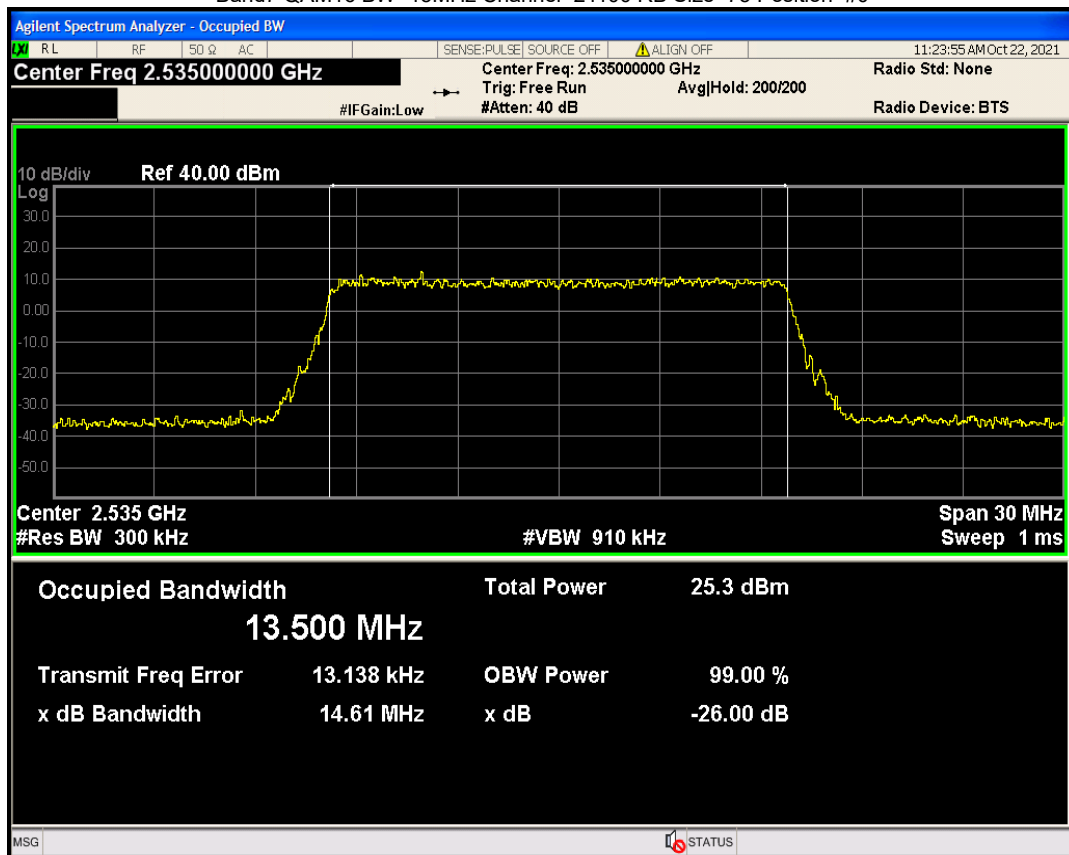
Band7 QAM16 BW=10MHz Channel=21100 RB Size=50 Position=#0



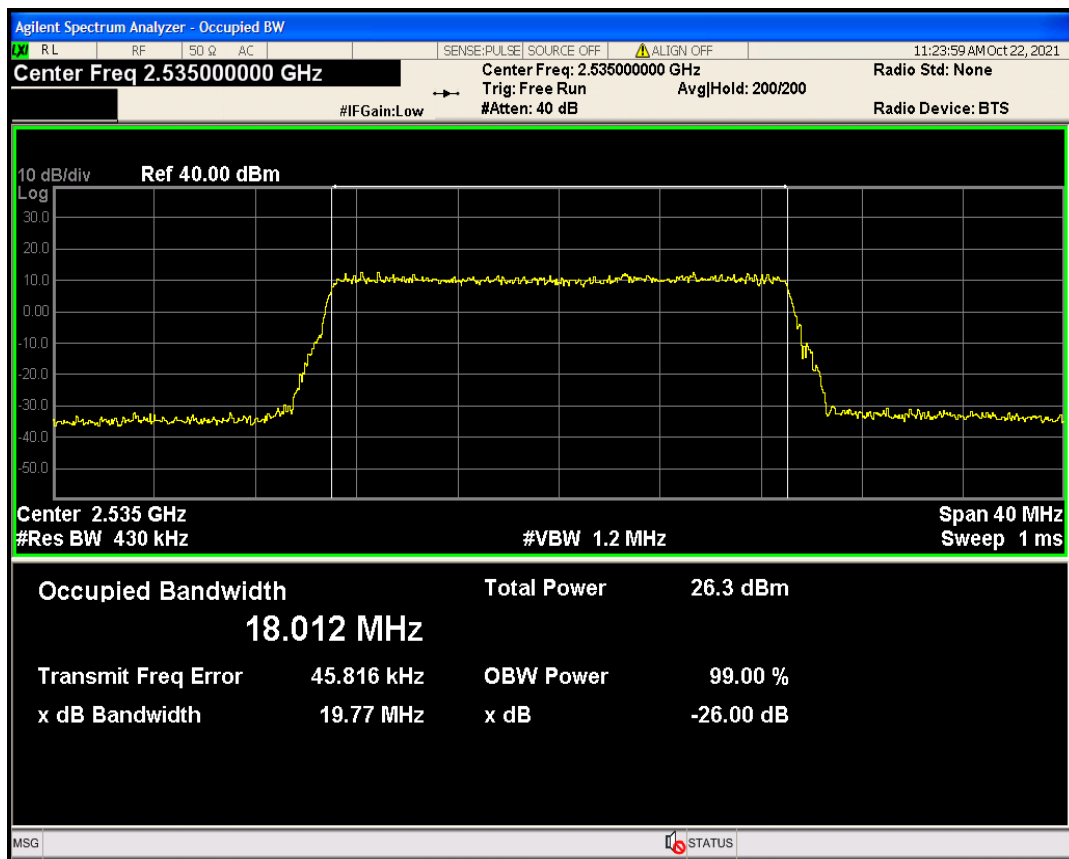
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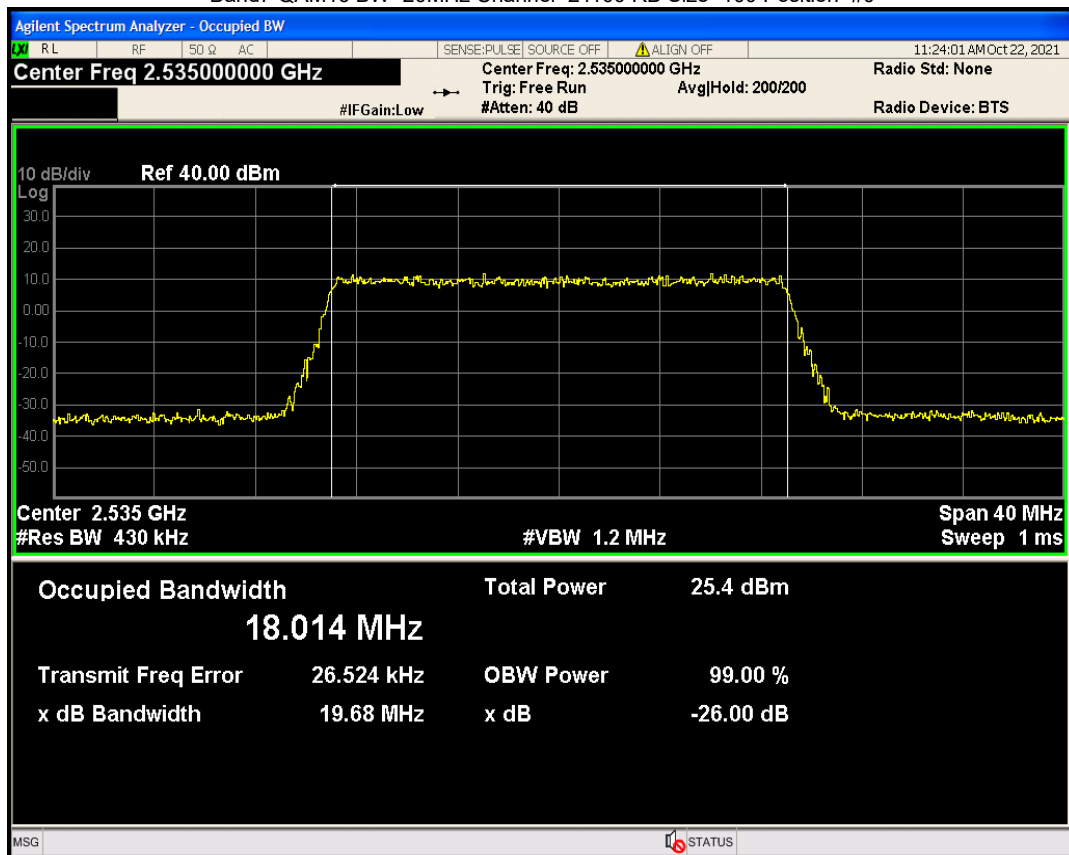
Band7 QAM16 BW=15MHz Channel=21100 RB Size=75 Position=#0



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



Band7 QAM16 BW=20MHz Channel=21100 RB Size=100 Position=#0



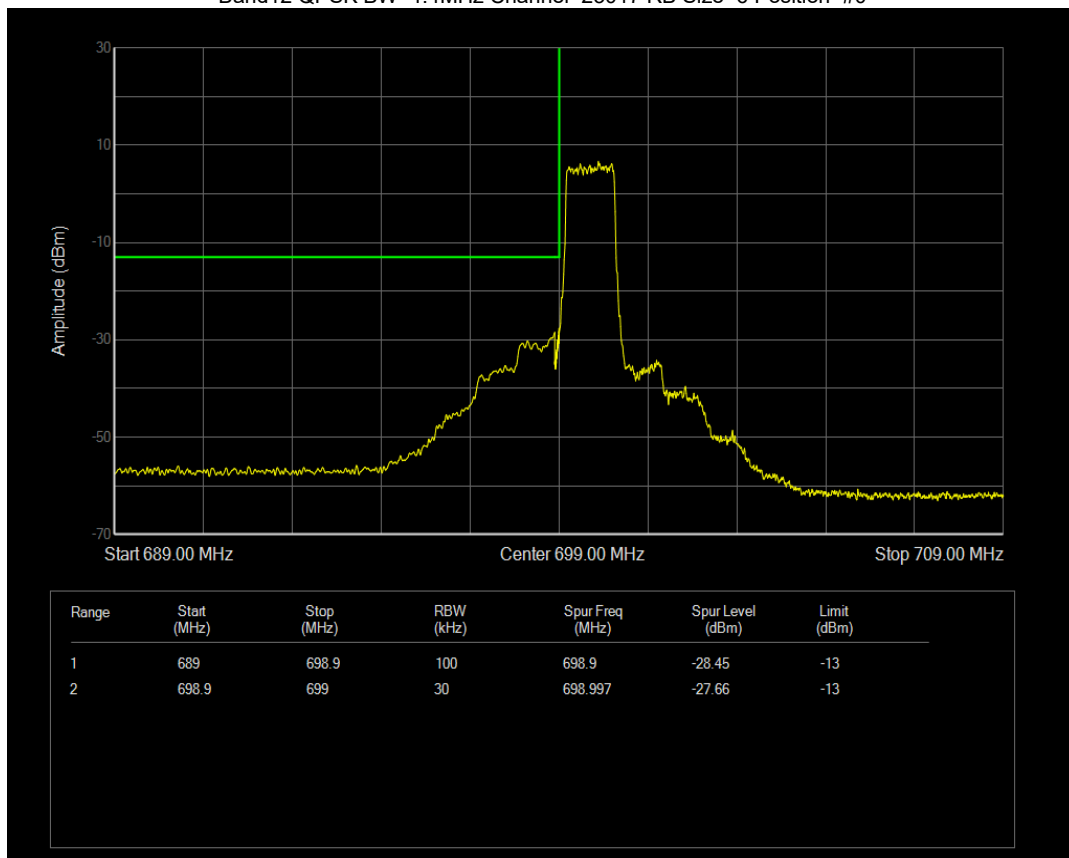
Appendix D Band edge

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
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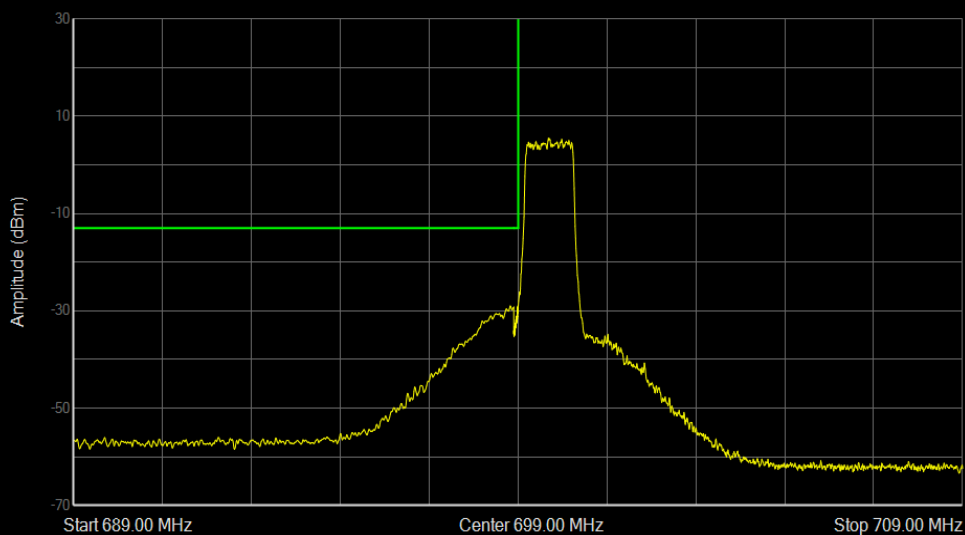
Band12	1.4	23017	6	#0	QPSK	699.00	-27.66	-13	PASS
Band12	1.4	23017	6	#0	QAM16	699.00	-28.95	-13	PASS
Band12	1.4	23173	6	#0	QPSK	716.00	-27.97	-13	PASS
Band12	1.4	23173	6	#0	QAM16	716.01	-27.99	-13	PASS
Band12	3	23025	15	#0	QPSK	699.00	-30.09	-13	PASS
Band12	3	23025	15	#0	QAM16	699.00	-30.29	-13	PASS
Band12	3	23165	15	#0	QPSK	716.00	-29.06	-13	PASS
Band12	3	23165	15	#0	QAM16	716.00	-31.14	-13	PASS
Band12	5	23035	25	#0	QPSK	699.00	-34.24	-13	PASS
Band12	5	23035	25	#0	QAM16	698.90	-33.52	-13	PASS
Band12	5	23155	25	#0	QPSK	716.01	-33.86	-13	PASS
Band12	5	23155	25	#0	QAM16	716.11	-34.11	-13	PASS
Band12	10	23060	50	#0	QPSK	698.90	-36.09	-13	PASS
Band12	10	23060	50	#0	QAM16	698.83	-36.31	-13	PASS
Band12	10	23130	50	#0	QPSK	716.19	-36.64	-13	PASS
Band12	10	23130	50	#0	QAM16	716.15	-37.08	-13	PASS
Band2	1.4	18607	6	#0	QPSK	1849.99	-37.80	-13	PASS
Band2	1.4	18607	6	#0	QAM16	1850.00	-36.95	-13	PASS
Band2	1.4	19193	6	#0	QPSK	1910.00	-36.72	-13	PASS
Band2	1.4	19193	6	#0	QAM16	1910.00	-38.18	-13	PASS
Band2	3	18615	15	#0	QPSK	1850.00	-38.50	-13	PASS
Band2	3	18615	15	#0	QAM16	1850.00	-38.67	-13	PASS
Band2	3	19185	15	#0	QPSK	1910.02	-39.60	-13	PASS
Band2	3	19185	15	#0	QAM16	1910.00	-39.22	-13	PASS
Band2	5	18625	25	#0	QPSK	1849.99	-30.79	-13	PASS
Band2	5	18625	25	#0	QAM16	1850.00	-32.75	-13	PASS
Band2	5	19175	25	#0	QPSK	1910.03	-31.95	-13	PASS
Band2	5	19175	25	#0	QAM16	1910.00	-32.12	-13	PASS
Band2	10	18650	50	#0	QPSK	1849.92	-35.85	-13	PASS
Band2	10	18650	50	#0	QAM16	1850.00	-36.27	-13	PASS
Band2	10	19150	50	#0	QPSK	1910.06	-35.97	-13	PASS
Band2	10	19150	50	#0	QAM16	1910.00	-37.20	-13	PASS
Band2	15	18675	75	#0	QPSK	1849.97	-35.70	-13	PASS
Band2	15	18675	75	#0	QAM16	1849.88	-37.26	-13	PASS
Band2	15	19125	75	#0	QPSK	1910.00	-36.44	-13	PASS
Band2	15	19125	75	#0	QAM16	1910.09	-36.95	-13	PASS
Band2	20	18700	100	#0	QPSK	1849.80	-39.59	-13	PASS
Band2	20	18700	100	#0	QAM16	1849.96	-37.98	-13	PASS
Band2	20	19100	100	#0	QPSK	1910.08	-36.90	-13	PASS
Band2	20	19100	100	#0	QAM16	1910.00	-38.02	-13	PASS
Band38	5	37775	25	#0	QPSK	2568.98	-20.93	-10	PASS
Band38	5	37775	25	#0	QAM16	2568.99	-22.55	-10	PASS
Band38	5	38225	25	#0	QPSK	2627.00	-37.81	-25	PASS
Band38	5	38225	25	#0	QAM16	2626.30	-38.98	-25	PASS
Band38	10	37800	50	#0	QPSK	2559.96	-36.27	-25	PASS
Band38	10	37800	50	#0	QAM16	2559.39	-35.64	-25	PASS
Band38	10	38200	50	#0	QPSK	2630.71	-37.61	-25	PASS
Band38	10	38200	50	#0	QAM16	2630.78	-38.05	-25	PASS
Band38	15	37825	75	#0	QPSK	2553.98	-39.62	-25	PASS
Band38	15	37825	75	#0	QAM16	2554.90	-39.42	-25	PASS
Band38	15	38175	75	#0	QPSK	2635.20	-39.59	-25	PASS
Band38	15	38175	75	#0	QAM16	2635.53	-39.33	-25	PASS
Band38	20	37850	100	#0	QPSK	2548.85	-39.77	-25	PASS
Band38	20	37850	100	#0	QAM16	2548.85	-39.71	-25	PASS
Band38	20	38150	100	#0	QPSK	2644.01	-39.43	-25	PASS
Band38	20	38150	100	#0	QAM16	2643.61	-39.53	-25	PASS
Band41(2555-2655)	5	40265	25	#0	QPSK	2548.83	-35.71	-25	PASS
Band41(2555-2655)	5	40265	25	#0	QAM16	2548.31	-37.30	-25	PASS
Band41(2555-2655)	5	41215	25	#0	QPSK	2661.36	-36.89	-25	PASS
Band41(2555-2655)	5	41215	25	#0	QAM16	2662.33	-37.99	-25	PASS
Band41(2555-2655)	10	40290	50	#0	QPSK	2544.34	-37.77	-25	PASS
Band41(2555-2655)	10	40290	50	#0	QAM16	2543.87	-37.82	-25	PASS
Band41(2555-2655)	10	41190	50	#0	QPSK	2665.16	-36.98	-25	PASS
Band41(2555-2655)	10	41190	50	#0	QAM16	2665.02	-37.86	-25	PASS
Band41(2555-2655)	15	40315	75	#0	QPSK	2539.22	-39.48	-25	PASS
Band41(2555-2655)	15	40315	75	#0	QAM16	2539.11	-39.61	-25	PASS
Band41(2555-2655)	15	41165	75	#0	QPSK	2673.30	-39.29	-25	PASS
Band41(2555-2655)	15	41165	75	#0	QAM16	2670.94	-39.22	-25	PASS
Band41(2555-2655)	20	40340	100	#0	QPSK	2532.46	-40.09	-25	PASS
Band41(2555-2655)	20	40340	100	#0	QAM16	2532.49	-40.03	-25	PASS
Band41(2555-2655)	20	41140	100	#0	QPSK	2677.03	-39.48	-25	PASS
Band41(2555-2655)	20	41140	100	#0	QAM16	2676.05	-39.54	-25	PASS
Band5	1.4	20407	6	#0	QPSK	823.99	-29.53	-13	PASS

Band5	1.4	20407	6	#0	QAM16	824.00	-32.84	-13	PASS
Band5	1.4	20643	6	#0	QPSK	849.00	-33.01	-13	PASS
Band5	1.4	20643	6	#0	QAM16	849.00	-33.58	-13	PASS
Band5	3	20415	15	#0	QPSK	823.98	-29.82	-13	PASS
Band5	3	20415	15	#0	QAM16	823.90	-32.25	-13	PASS
Band5	3	20635	15	#0	QPSK	849.00	-34.50	-13	PASS
Band5	3	20635	15	#0	QAM16	849.01	-35.75	-13	PASS
Band5	5	20425	25	#0	QPSK	824.00	-26.19	-13	PASS
Band5	5	20425	25	#0	QAM16	824.00	-28.54	-13	PASS
Band5	5	20625	25	#0	QPSK	849.00	-28.80	-13	PASS
Band5	5	20625	25	#0	QAM16	849.00	-29.81	-13	PASS
Band5	10	20450	50	#0	QPSK	814.74	-55.21	-13	PASS
Band5	10	20450	50	#0	QAM16	816.24	-55.33	-13	PASS
Band5	10	20600	50	#0	QPSK	849.00	-32.66	-13	PASS
Band5	10	20600	50	#0	QAM16	849.00	-30.65	-13	PASS
Band7	5	20775	25	#0	QPSK	2498.99	-16.95	-10	PASS
Band7	5	20775	25	#0	QAM16	2498.99	-17.64	-10	PASS
Band7	5	21425	25	#0	QPSK	2571.01	-17.66	-10	PASS
Band7	5	21425	25	#0	QAM16	2571.01	-18.85	-10	PASS
Band7	10	20800	50	#0	QPSK	2489.99	-40.22	-25	PASS
Band7	10	20800	50	#0	QAM16	2489.30	-40.14	-25	PASS
Band7	10	21400	50	#0	QPSK	2580.30	-39.76	-25	PASS
Band7	10	21400	50	#0	QAM16	2580.71	-39.69	-25	PASS
Band7	15	20825	75	#0	QPSK	2483.44	-40.64	-25	PASS
Band7	15	20825	75	#0	QAM16	2484.97	-40.48	-25	PASS
Band7	15	21375	75	#0	QPSK	2587.31	-39.89	-25	PASS
Band7	15	21375	75	#0	QAM16	2588.30	-39.98	-25	PASS
Band7	20	20850	100	#0	QPSK	2478.81	-41.00	-25	PASS
Band7	20	20850	100	#0	QAM16	2479.65	-40.99	-25	PASS
Band7	20	21350	100	#0	QPSK	2590.57	-40.22	-25	PASS
Band7	20	21350	100	#0	QAM16	2593.70	-40.31	-25	PASS

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

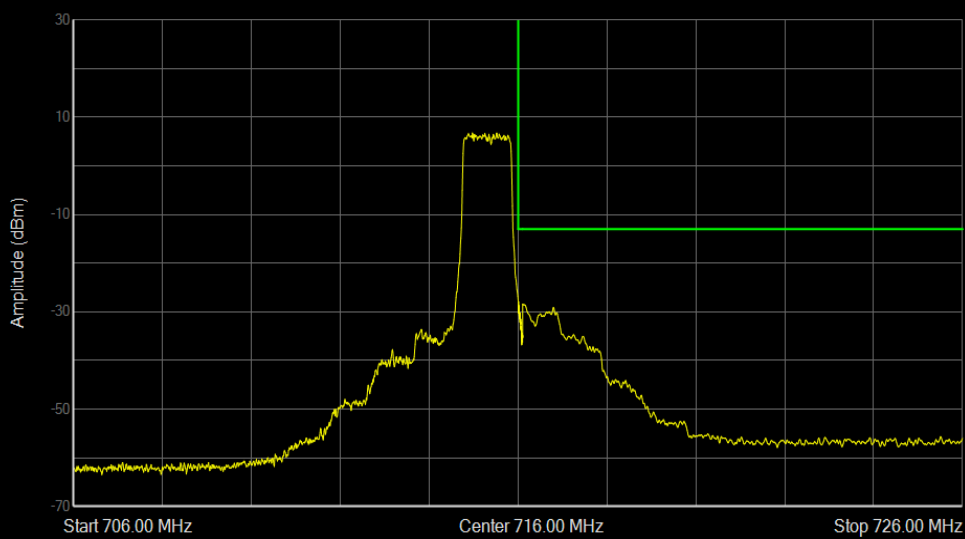


Band12 QAM16 BW=1.4MHz Channel=23017 RB Size=6 Position=#0



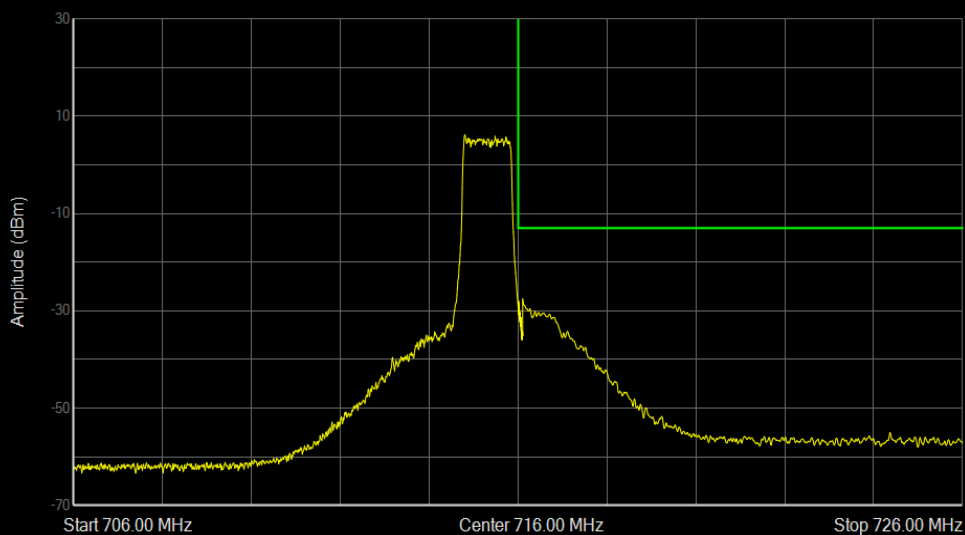
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.8208	-29	-13
2	698.9	699	30	698.9967	-28.95	-13

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



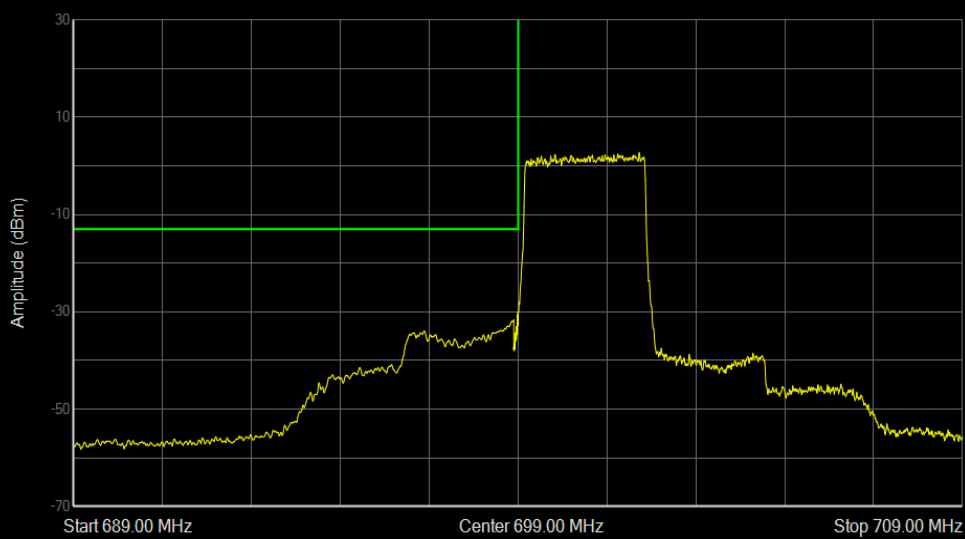
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0047	-27.97	-13
2	716.1	726	100	716.1198	-28.54	-13

Band12 QAM16 BW=1.4MHz Channel=23173 RB Size=6 Position=#0



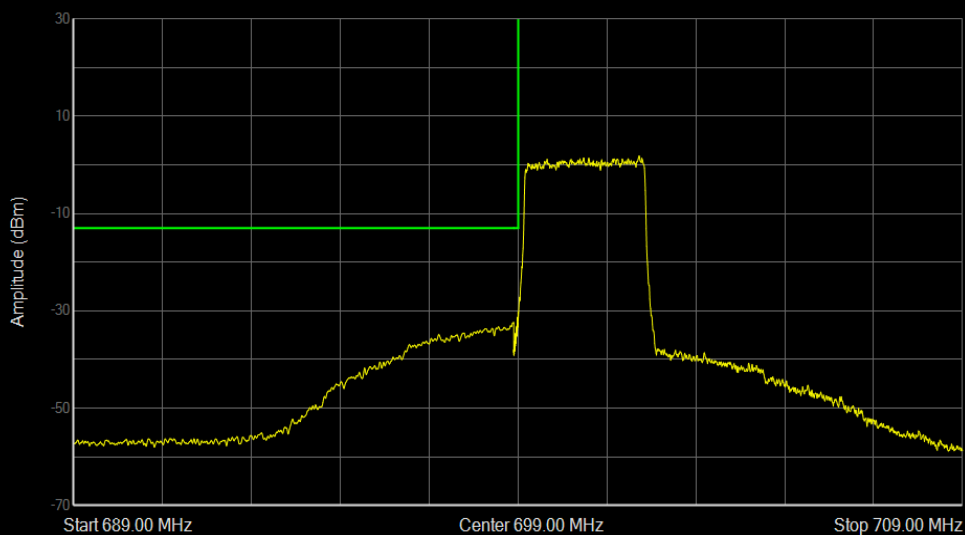
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0057	-27.99	-13
2	716.1	726	100	716.1099	-28.2	-13

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	-31.64	-13
2	698.9	699	30	698.9951	-30.09	-13

Band12 QAM16 BW=3MHz Channel=23025 RB Size=15 Position=#0



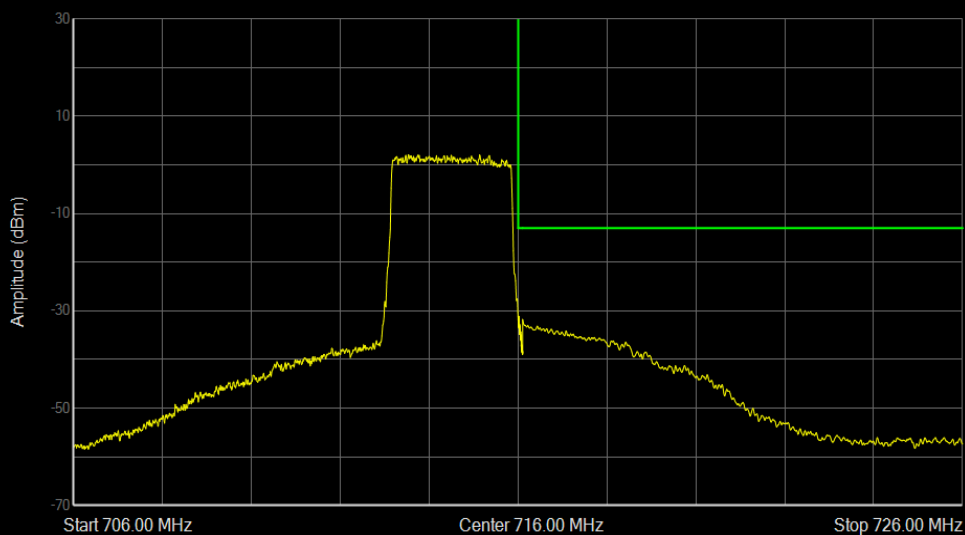
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.9	-32.43	-13
2	698.9	699	30	698.9985	-30.29	-13

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



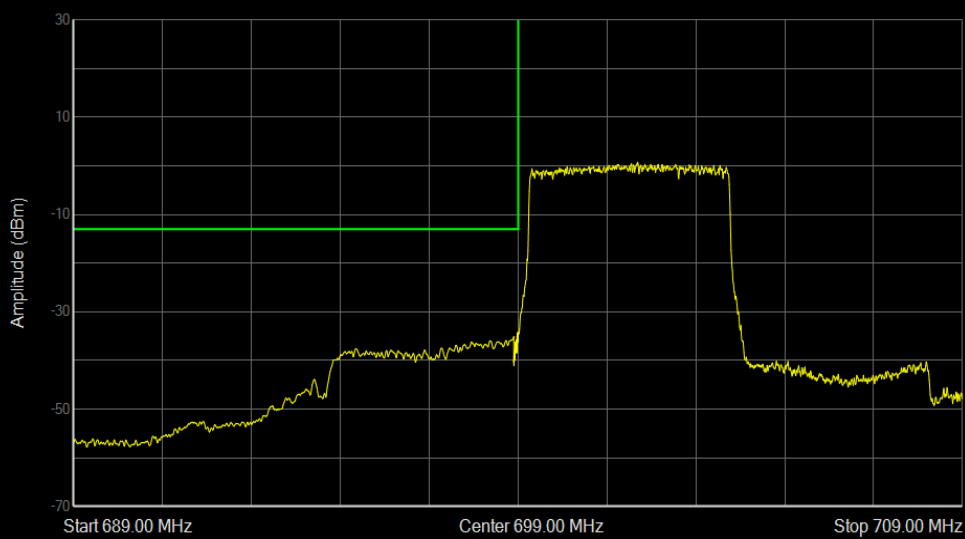
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0007	-29.06	-13
2	716.1	726	100	716.1099	-32.49	-13

Band12 QAM16 BW=3MHz Channel=23165 RB Size=15 Position=#0



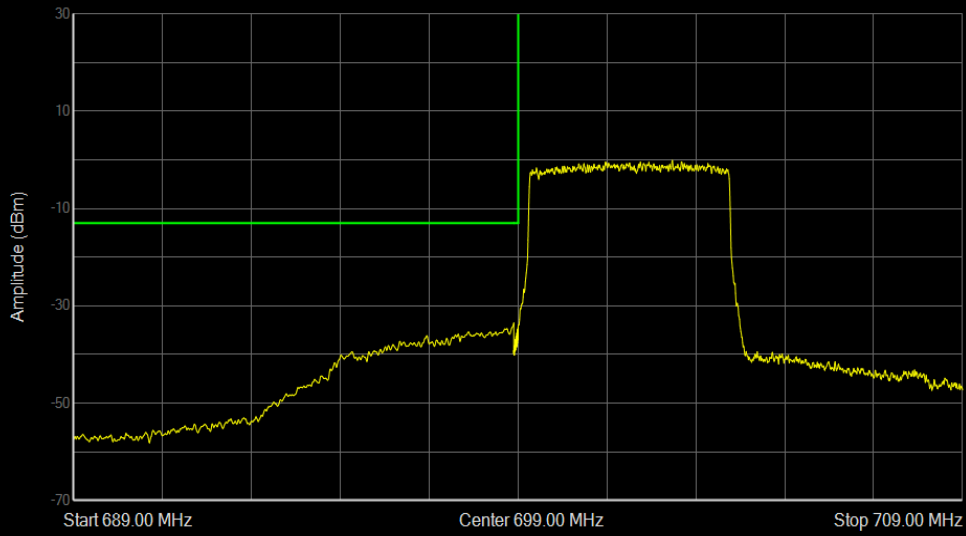
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0001	-31.14	-13
2	716.1	726	100	716.1099	-32.31	-13

Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.9	-35.08	-13
2	698.9	699	30	698.9985	-34.24	-13

Band12 QAM16 BW=5MHz Channel=23035 RB Size=25 Position=#0



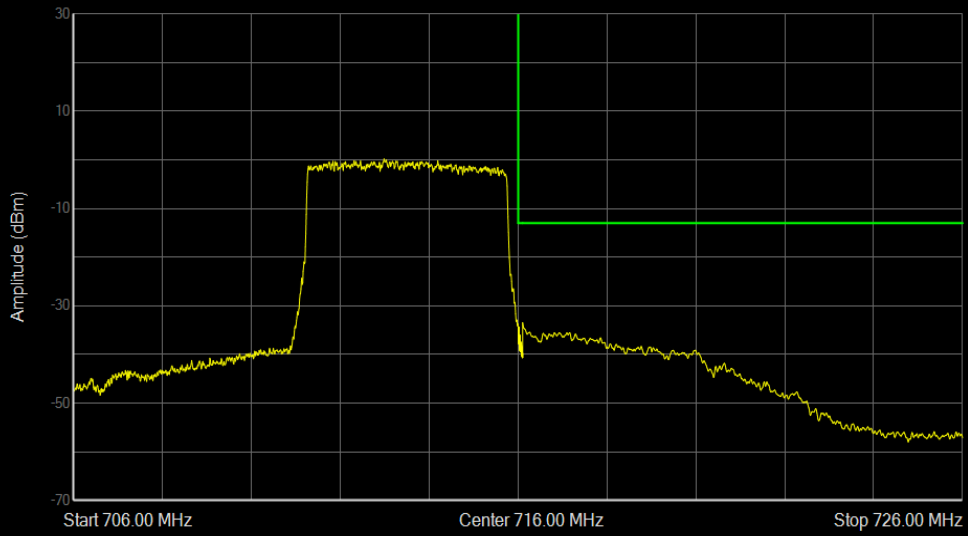
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.9	-33.52	-13
2	698.9	699	30	698.9988	-34.22	-13

Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0103	-33.86	-13
2	716.1	726	100	716.1198	-33.99	-13

Band12 QAM16 BW=5MHz Channel=23155 RB Size=25 Position=#0



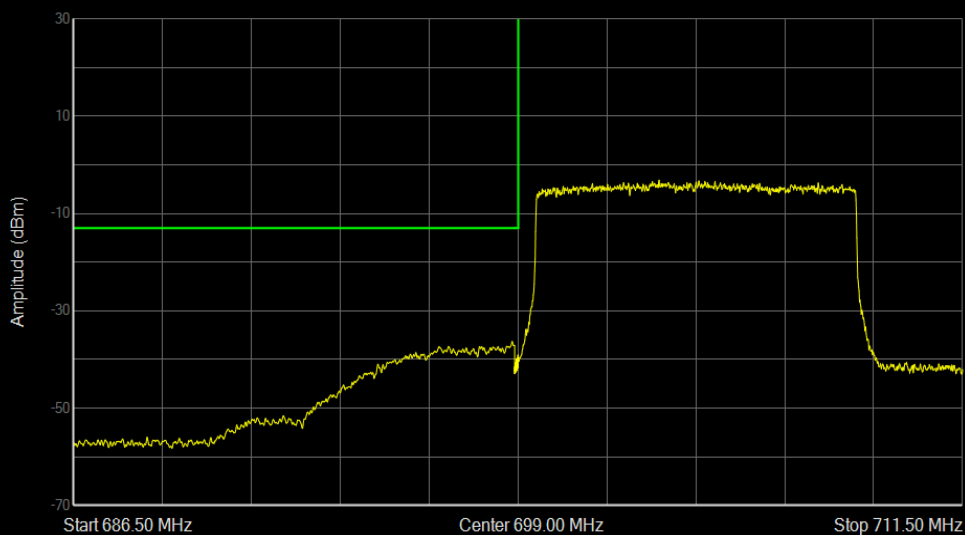
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0154	-34.38	-13
2	716.1	726	100	716.1099	-34.11	-13

Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0



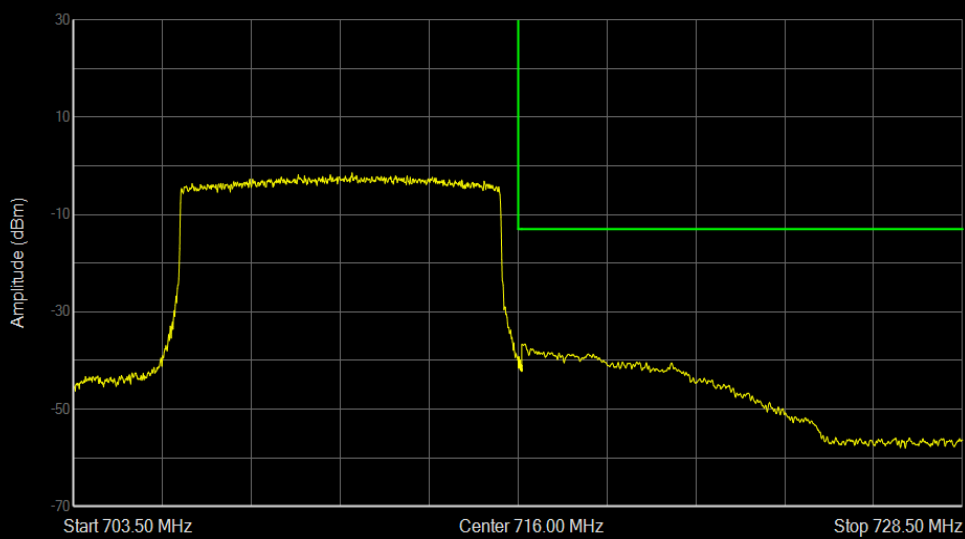
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	686.5	698.9	100	698.9	-36.09	-13
2	698.9	699	30	698.9564	-38.71	-13

Band12 QAM16 BW=10MHz Channel=23060 RB Size=50 Position=#0



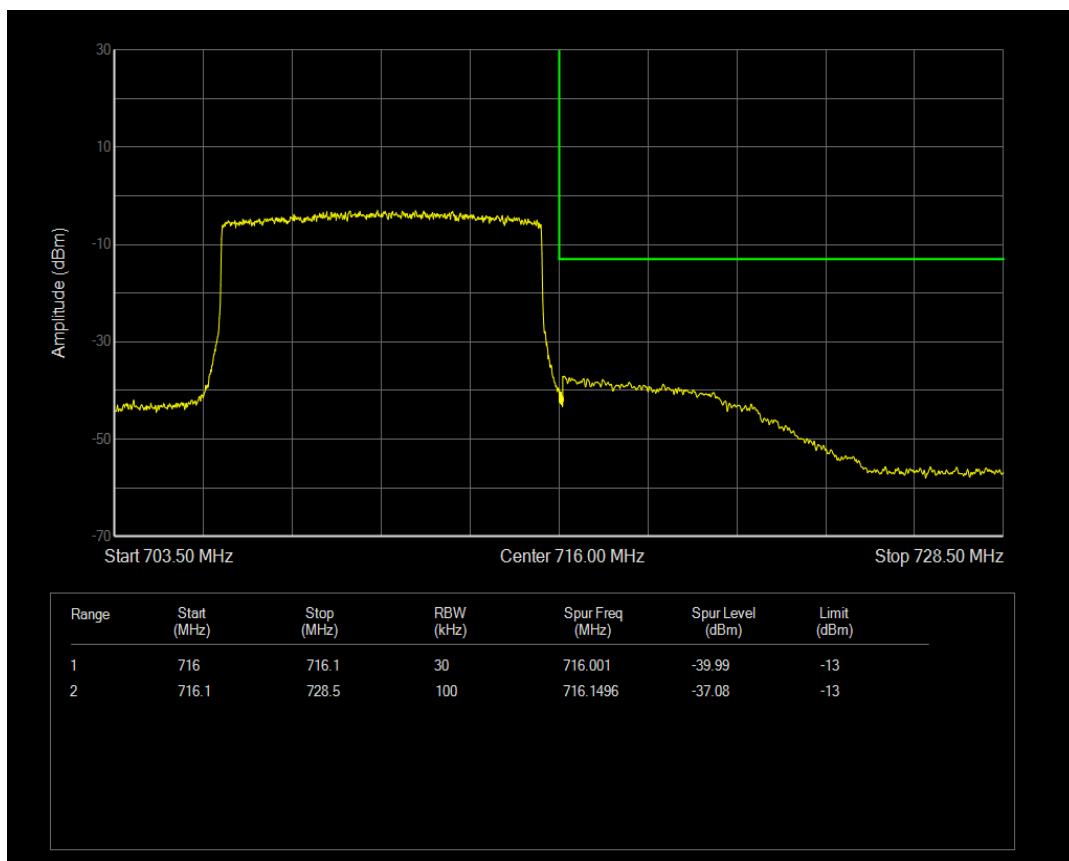
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	686.5	698.9	100	698.8256	-36.31	-13
2	698.9	699	30	698.9937	-39.08	-13

Band12 QPSK BW=10MHz Channel=23130 RB Size=50 Position=#0

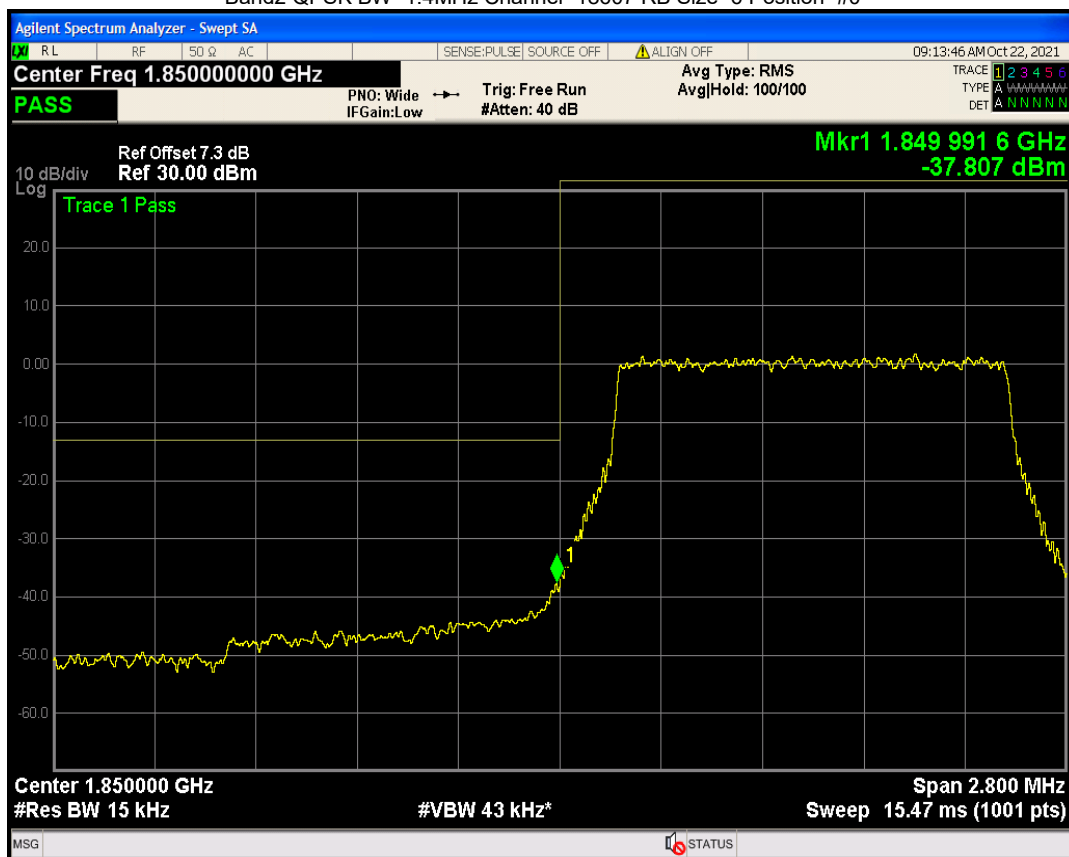


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0158	-39.29	-13
2	716.1	728.5	100	716.1868	-36.64	-13

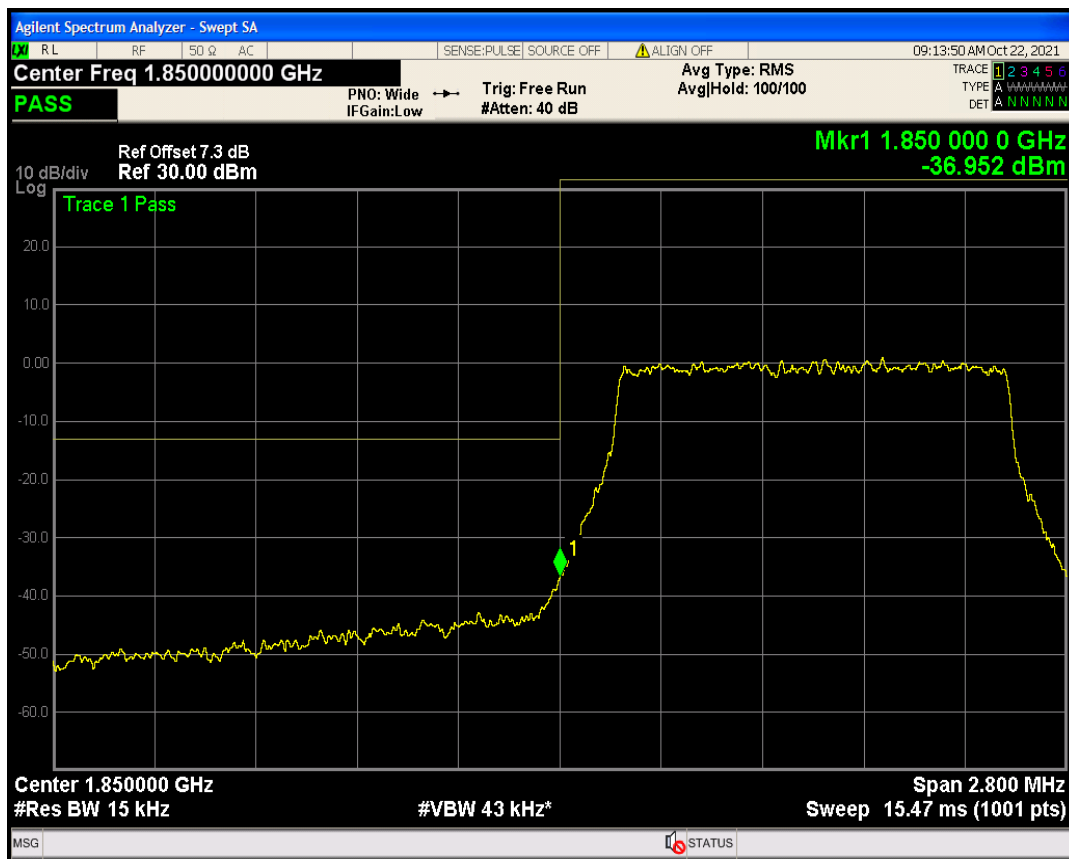
Band12 QAM16 BW=10MHz Channel=23130 RB Size=50 Position=#0



Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0



Band2 QAM16 BW=1.4MHz Channel=18607 RB Size=6 Position=#0



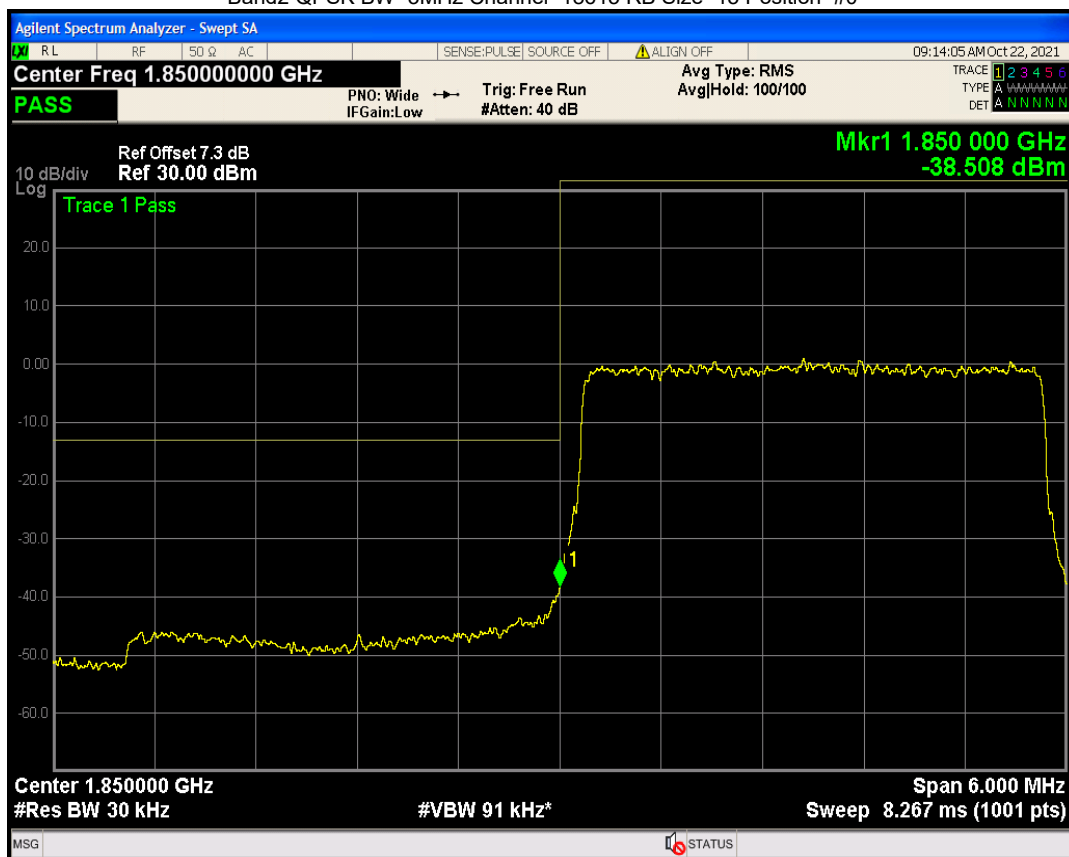
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0



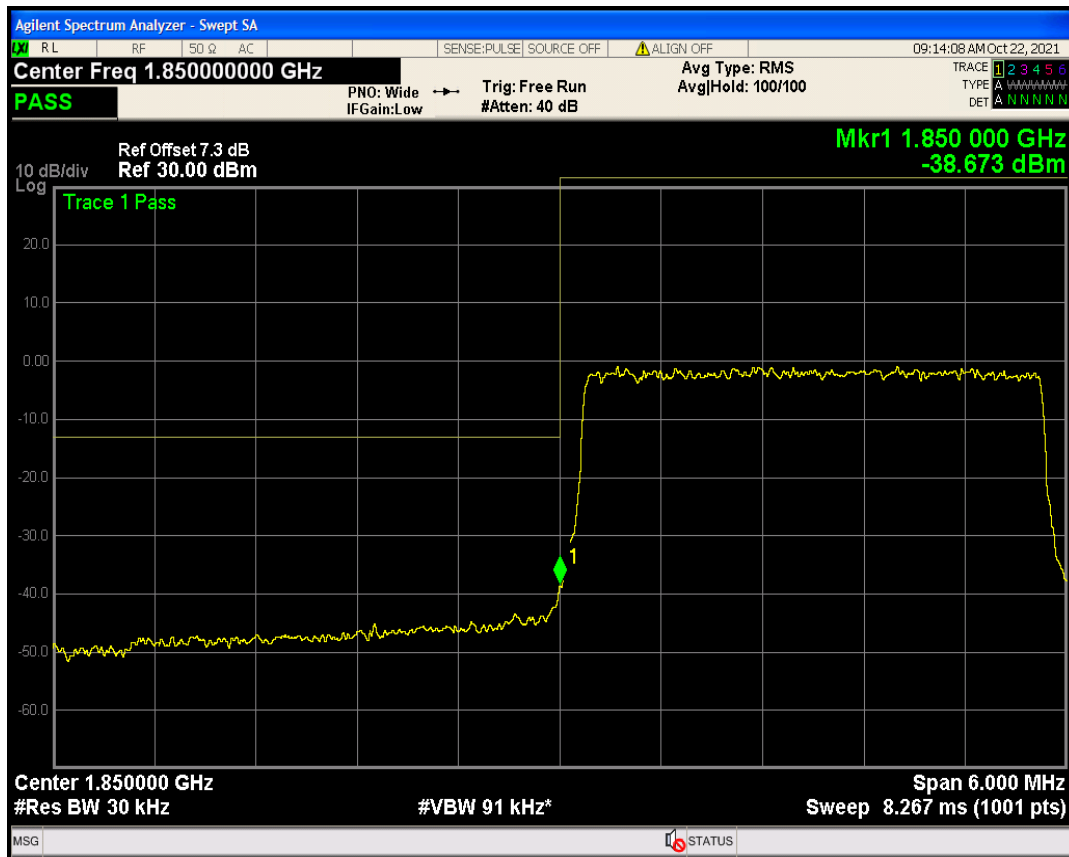
Band2 QAM16 BW=1.4MHz Channel=19193 RB Size=6 Position=#0



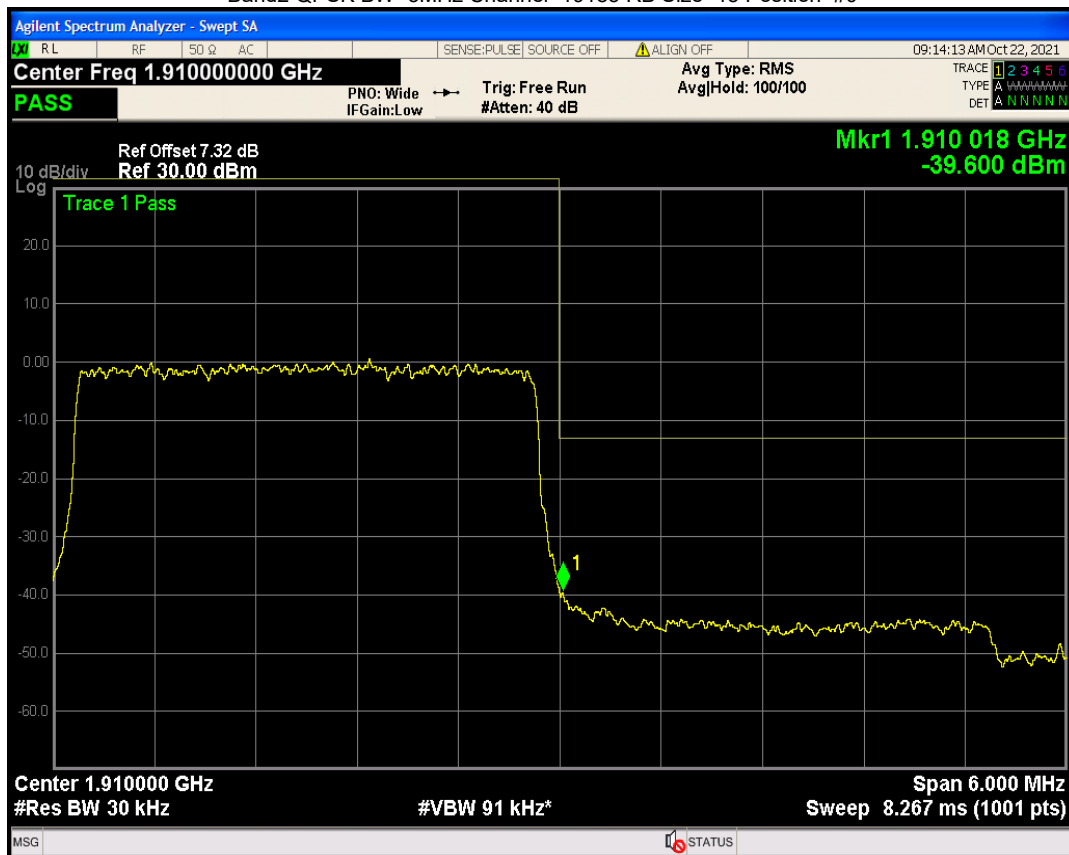
Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0



Band2 QAM16 BW=3MHz Channel=18615 RB Size=15 Position=#0



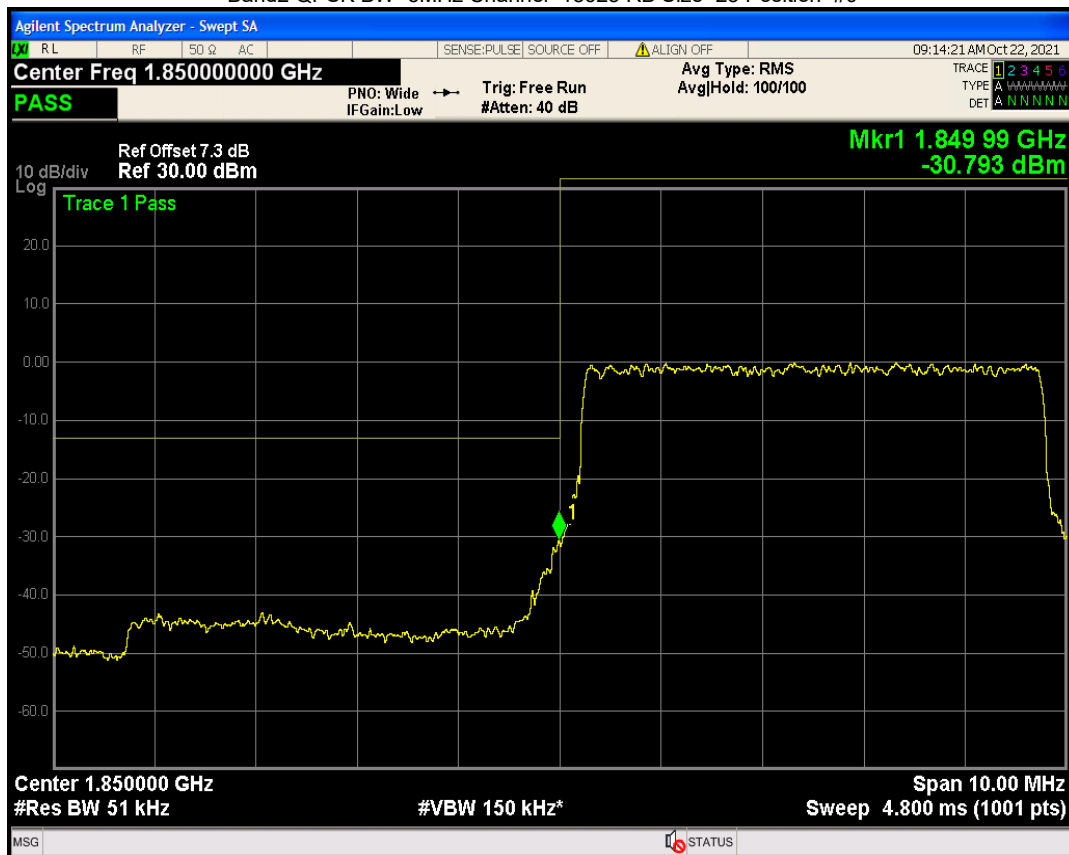
Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



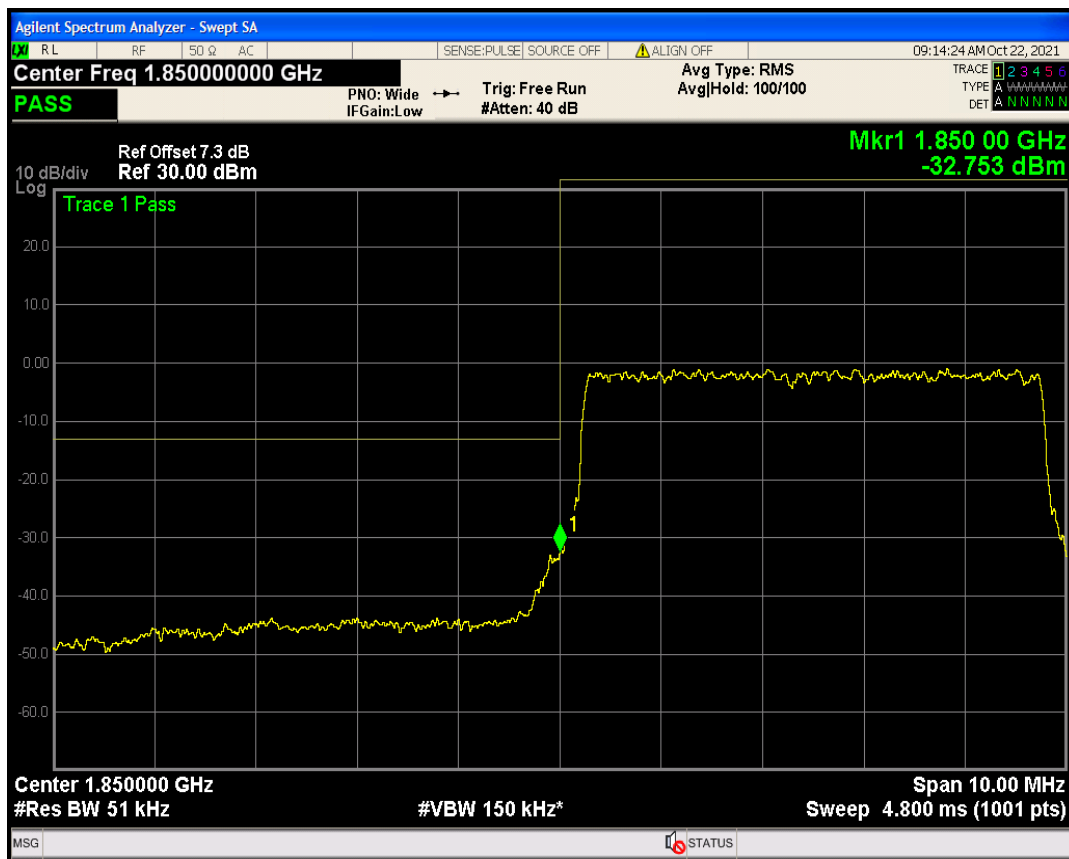
Band2 QAM16 BW=3MHz Channel=19185 RB Size=15 Position=#0



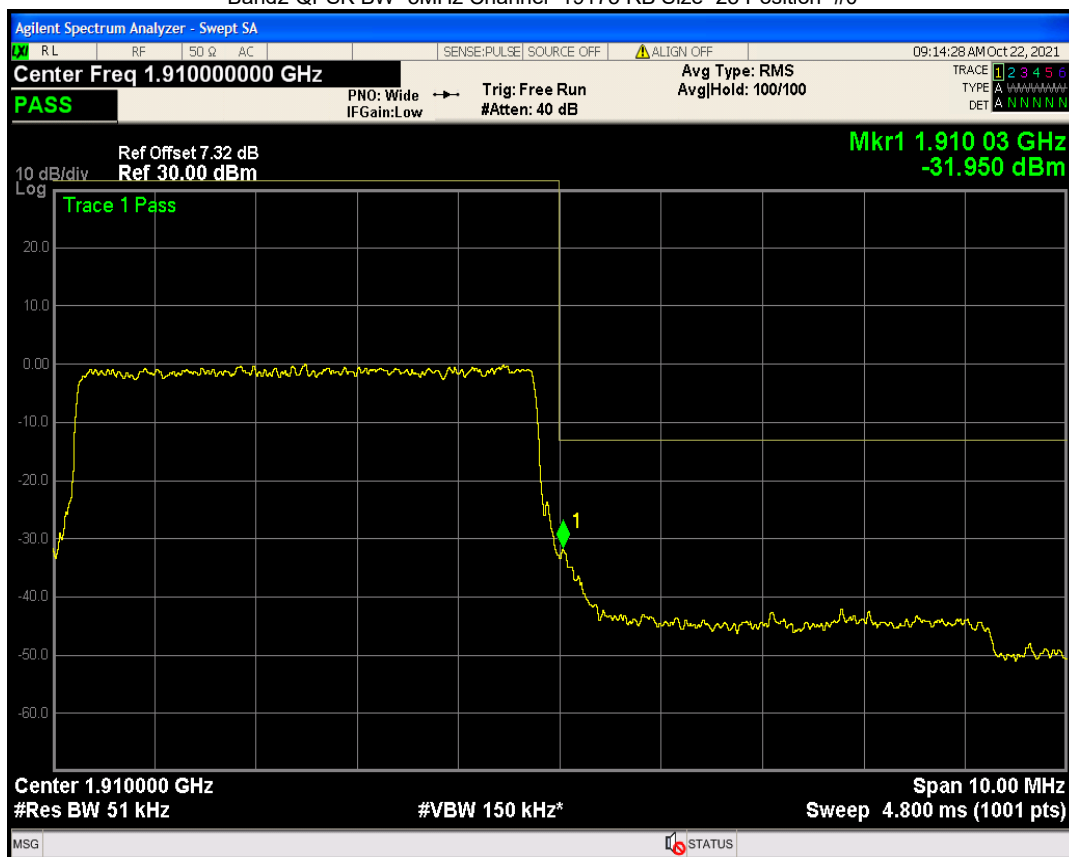
Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



Band2 QAM16 BW=5MHz Channel=18625 RB Size=25 Position=#0



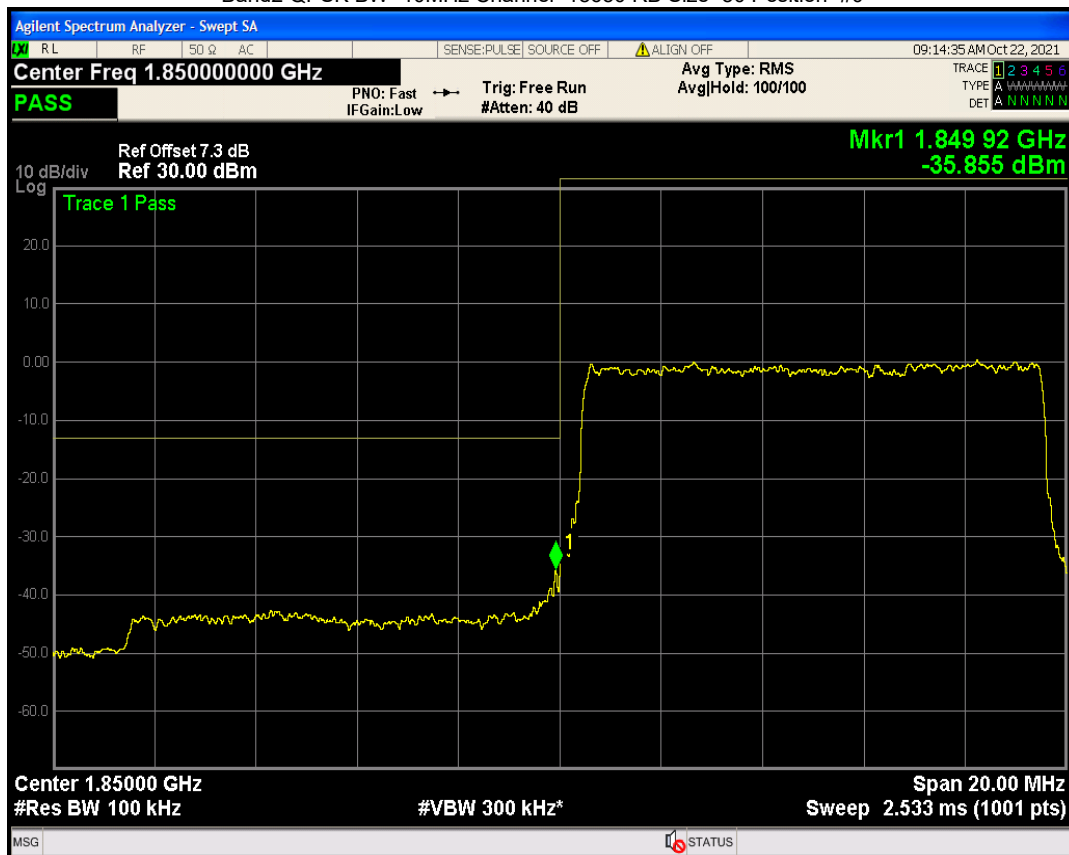
Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



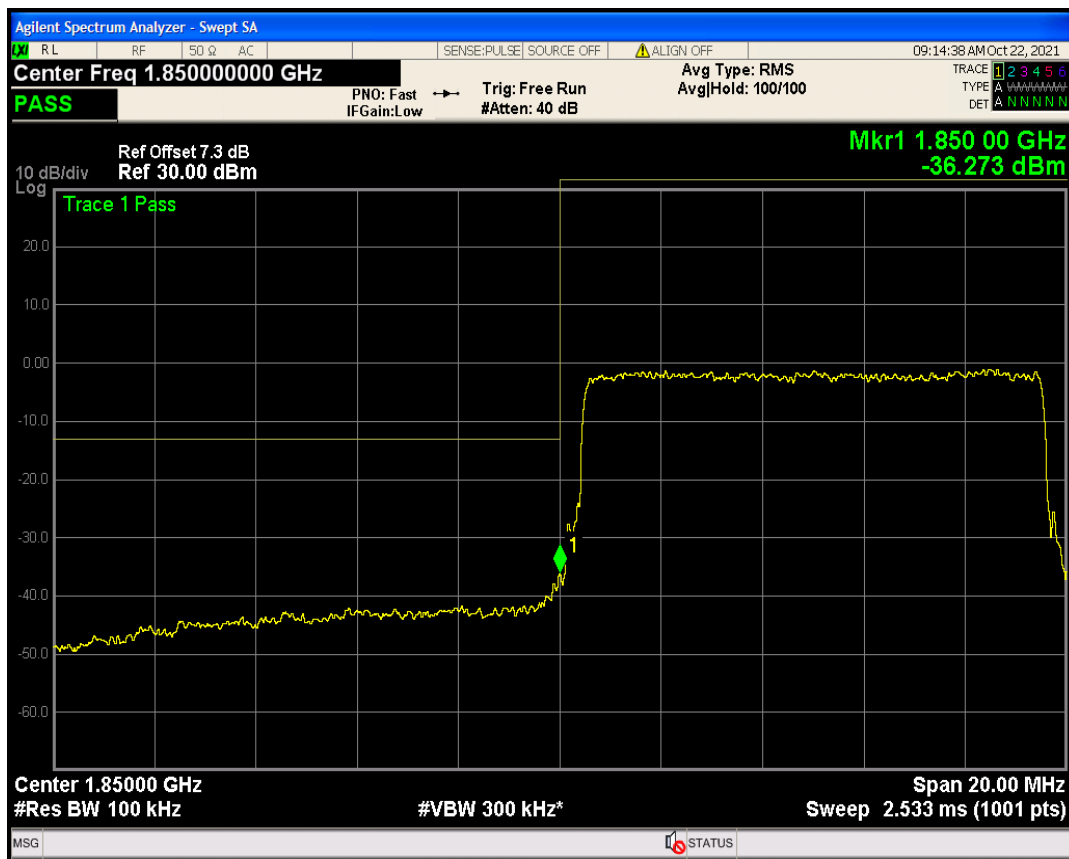
Band2 QAM16 BW=5MHz Channel=19175 RB Size=25 Position=#0



Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0



Band2 QAM16 BW=10MHz Channel=18650 RB Size=50 Position=#0



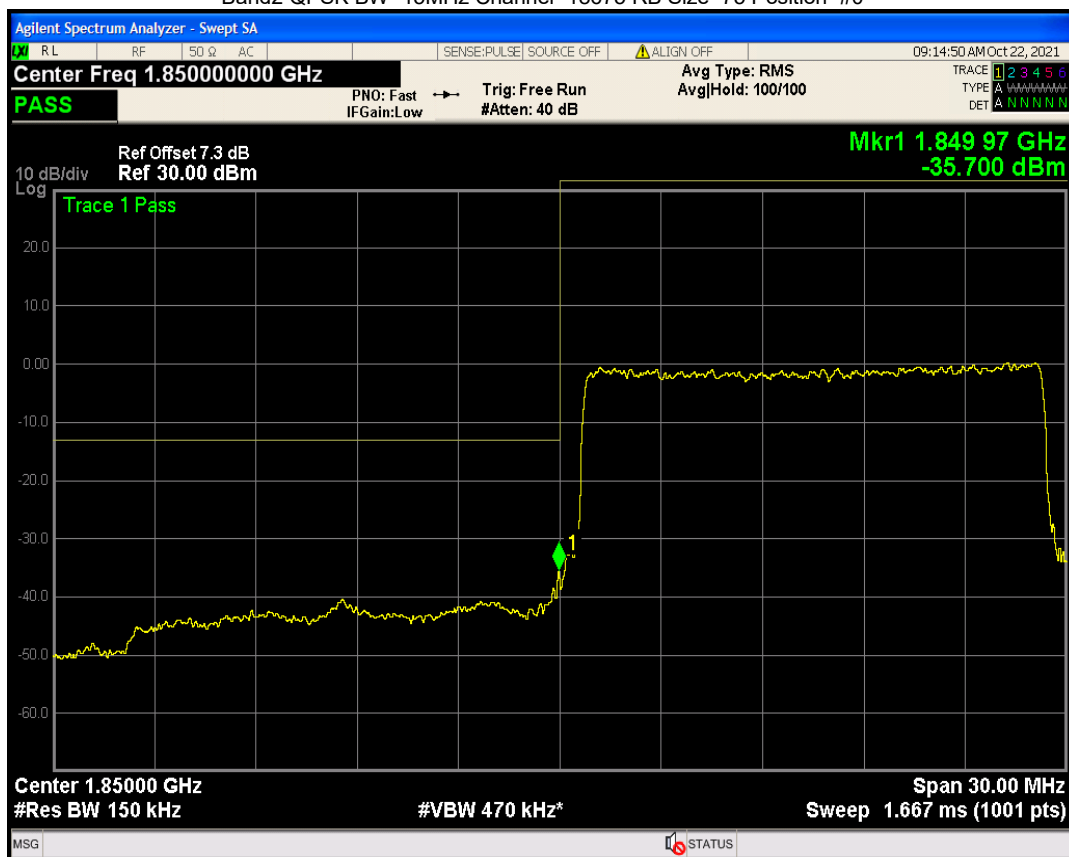
Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0



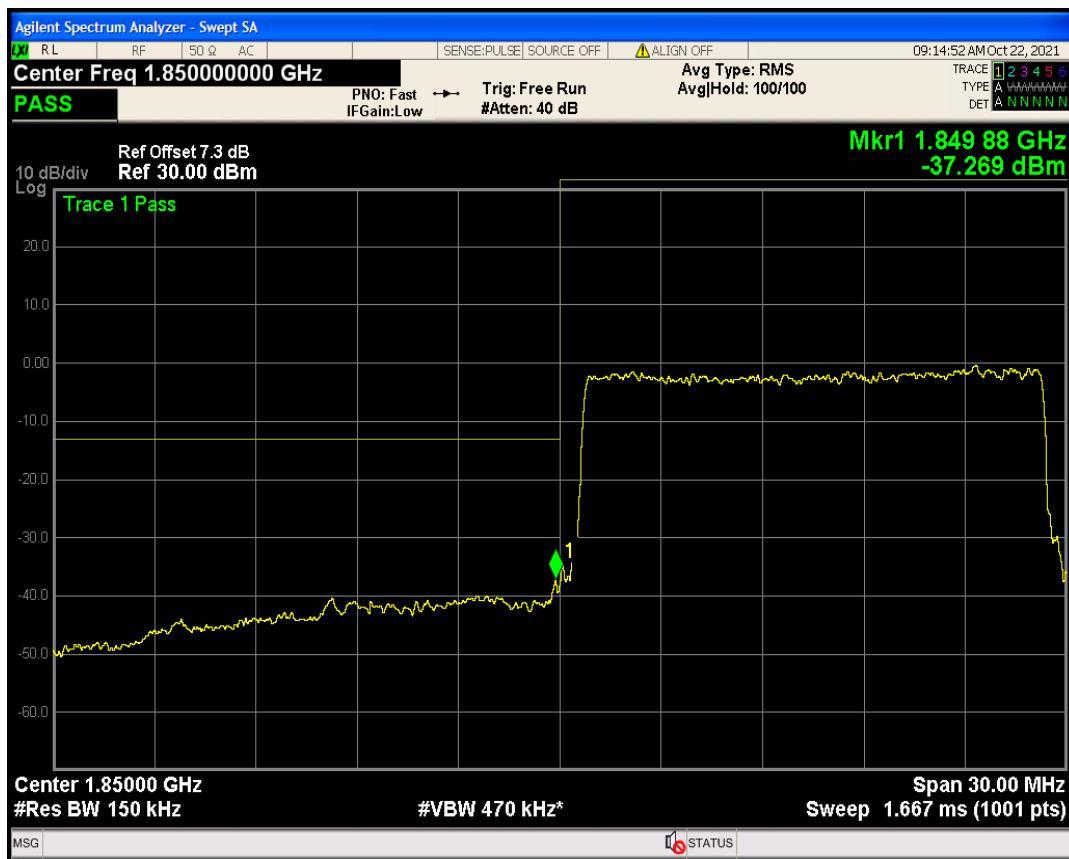
Band2 QAM16 BW=10MHz Channel=19150 RB Size=50 Position=#0



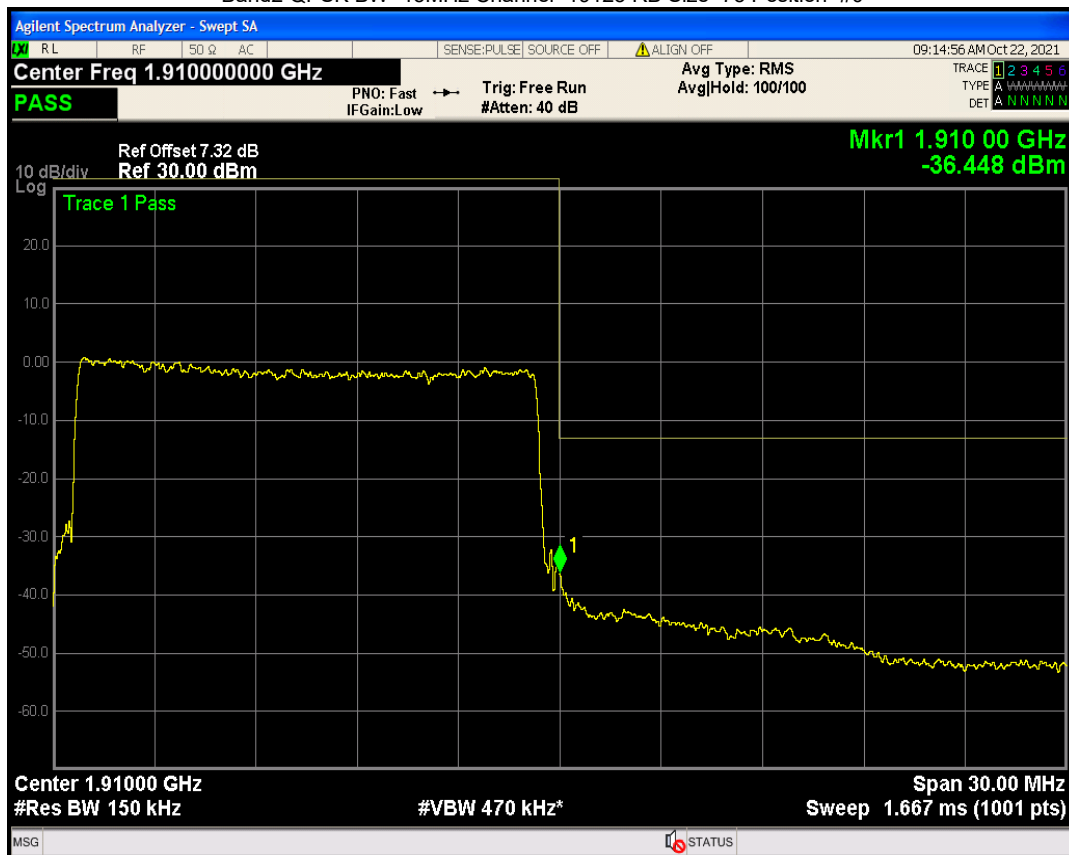
Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0



Band2 QAM16 BW=15MHz Channel=18675 RB Size=75 Position=#0



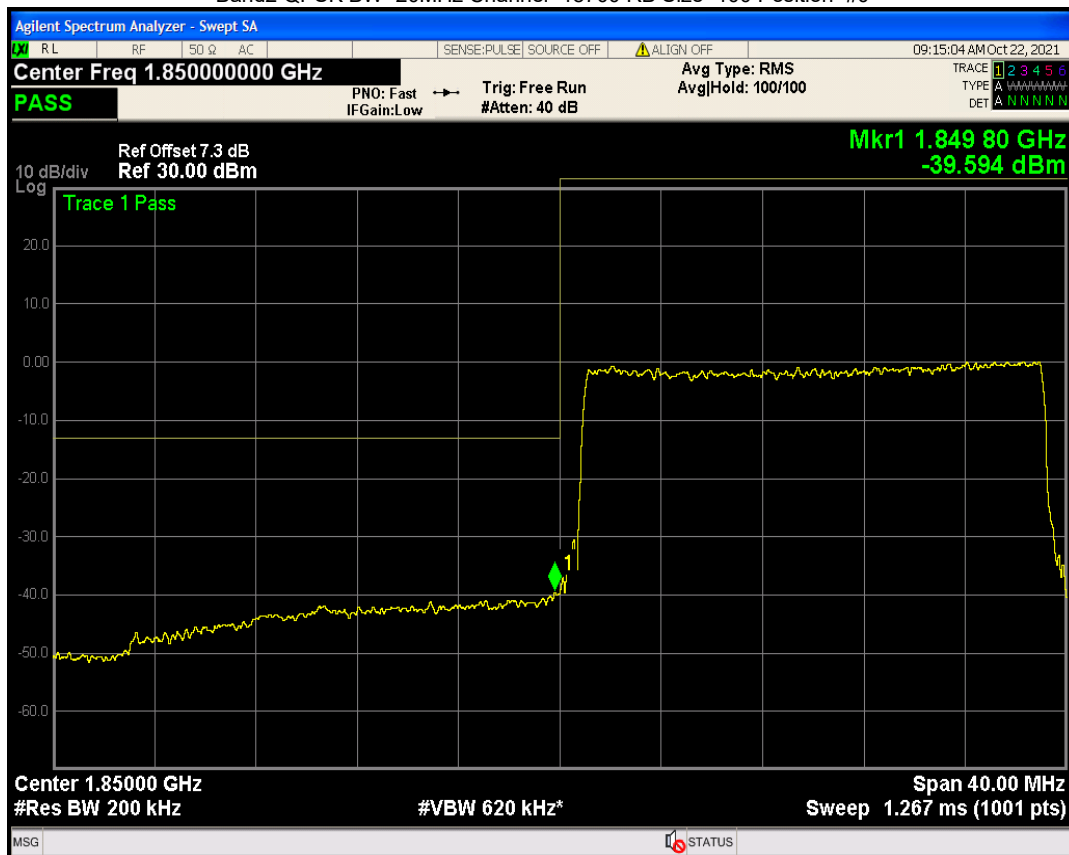
Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0



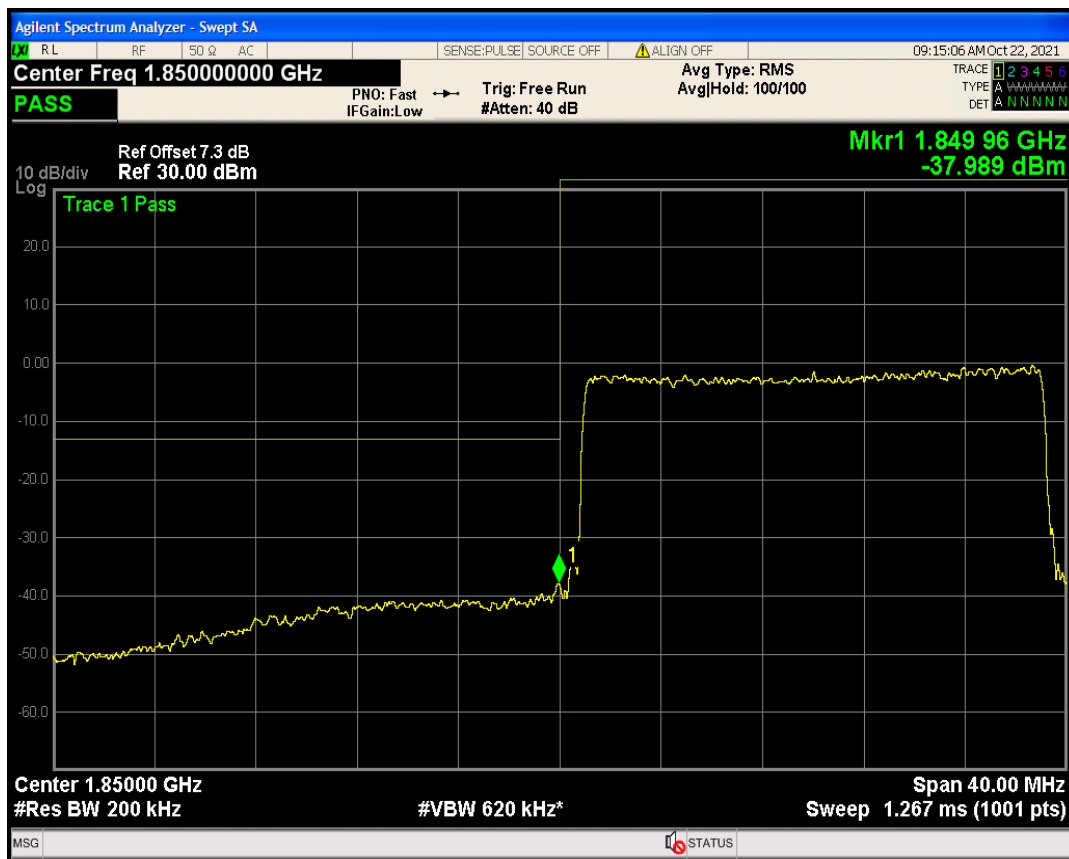
Band2 QAM16 BW=15MHz Channel=19125 RB Size=75 Position=#0



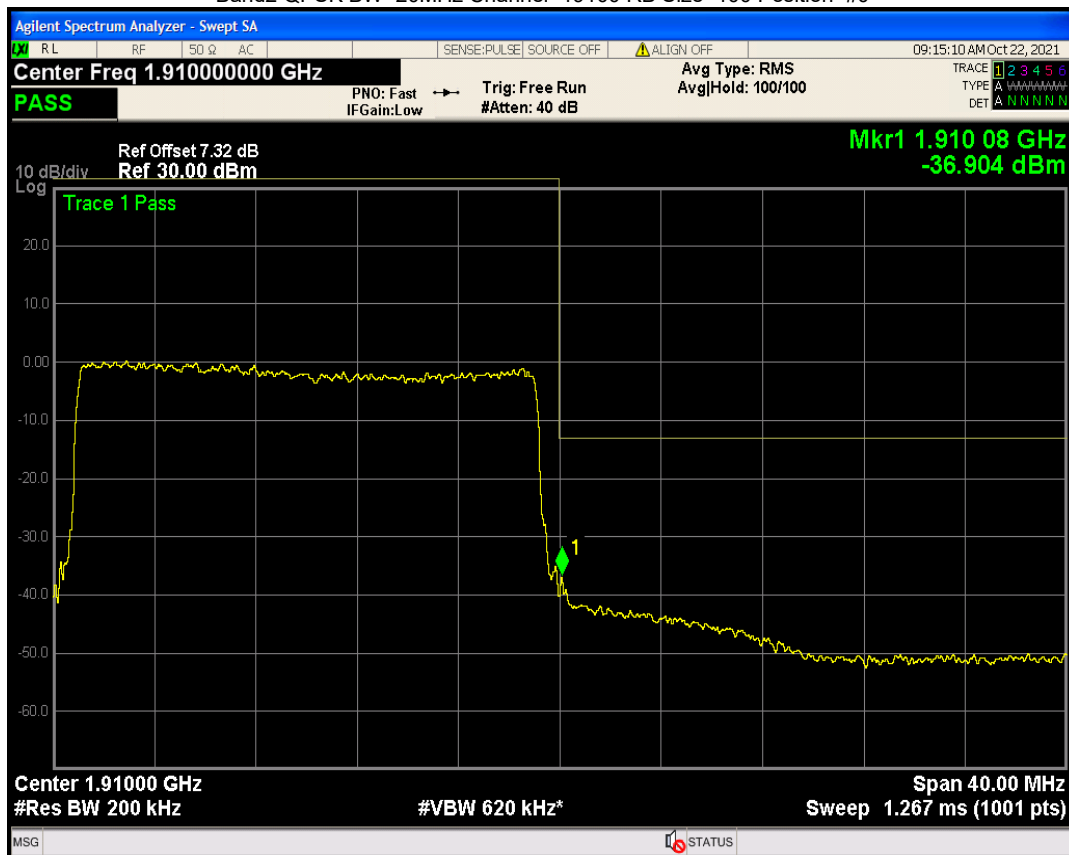
Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0



Band2 QAM16 BW=20MHz Channel=18700 RB Size=100 Position=#0



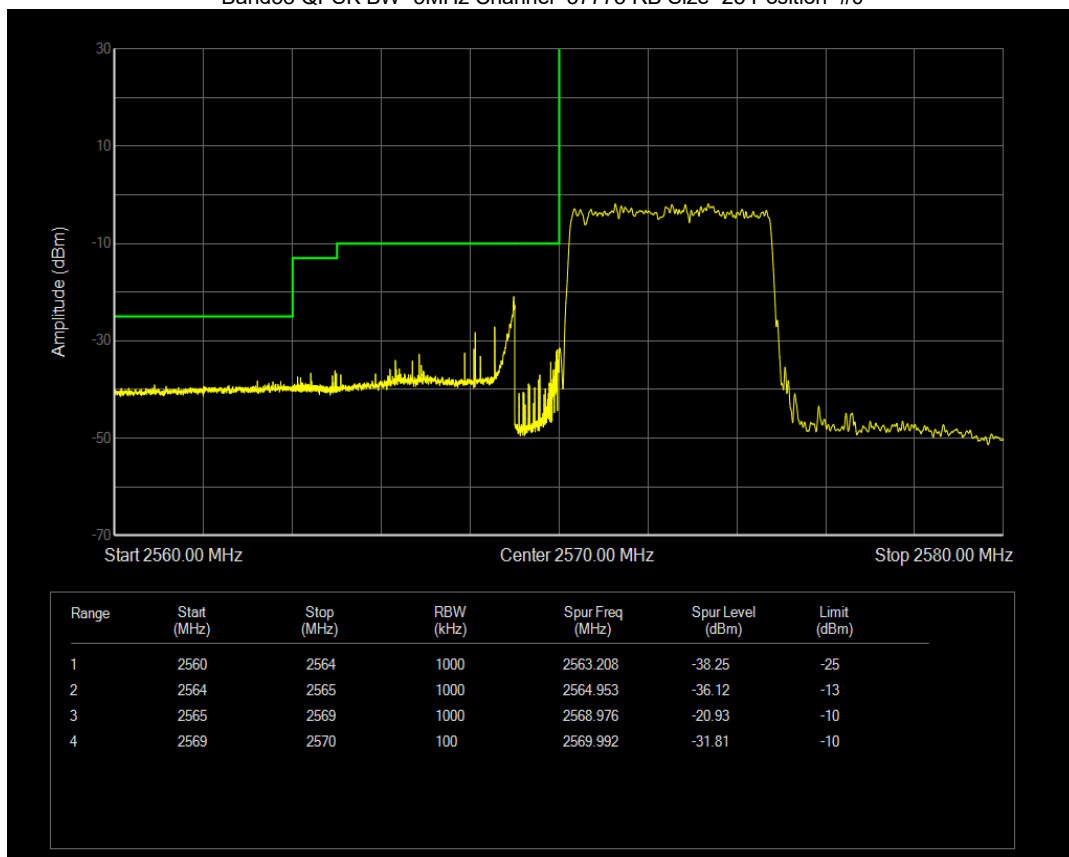
Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0



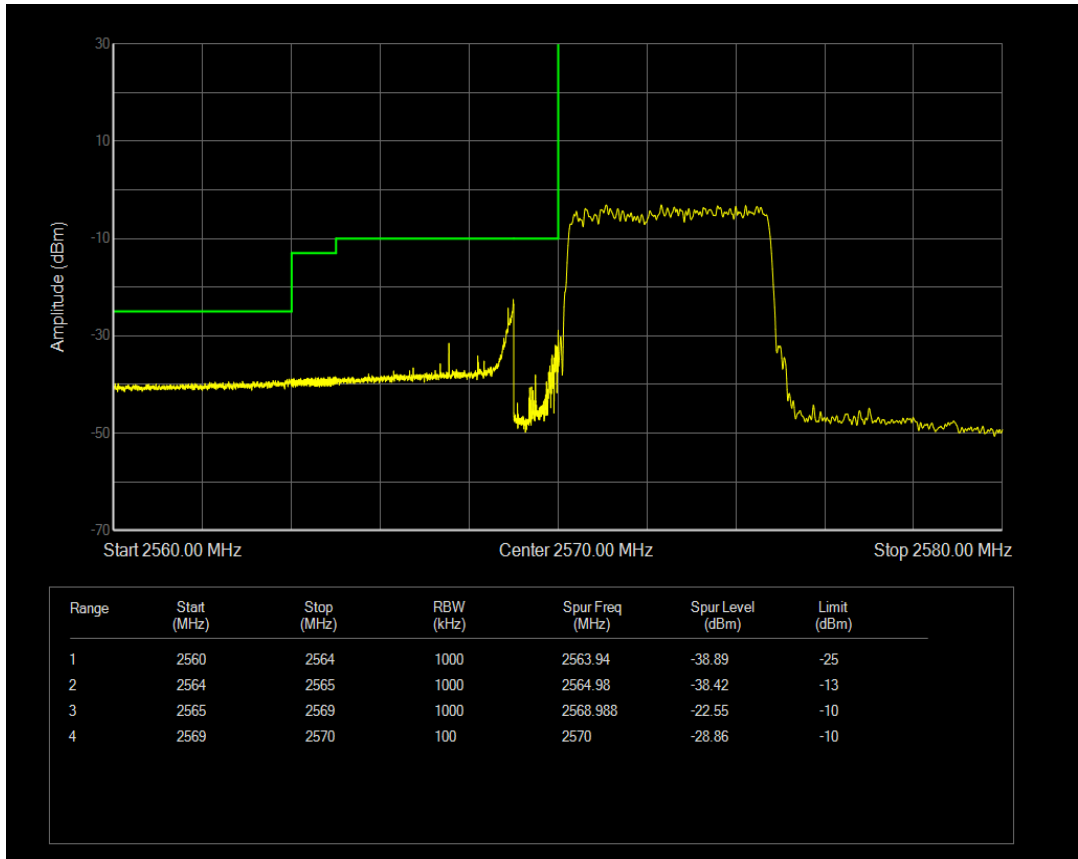
Band2 QAM16 BW=20MHz Channel=19100 RB Size=100 Position=#0



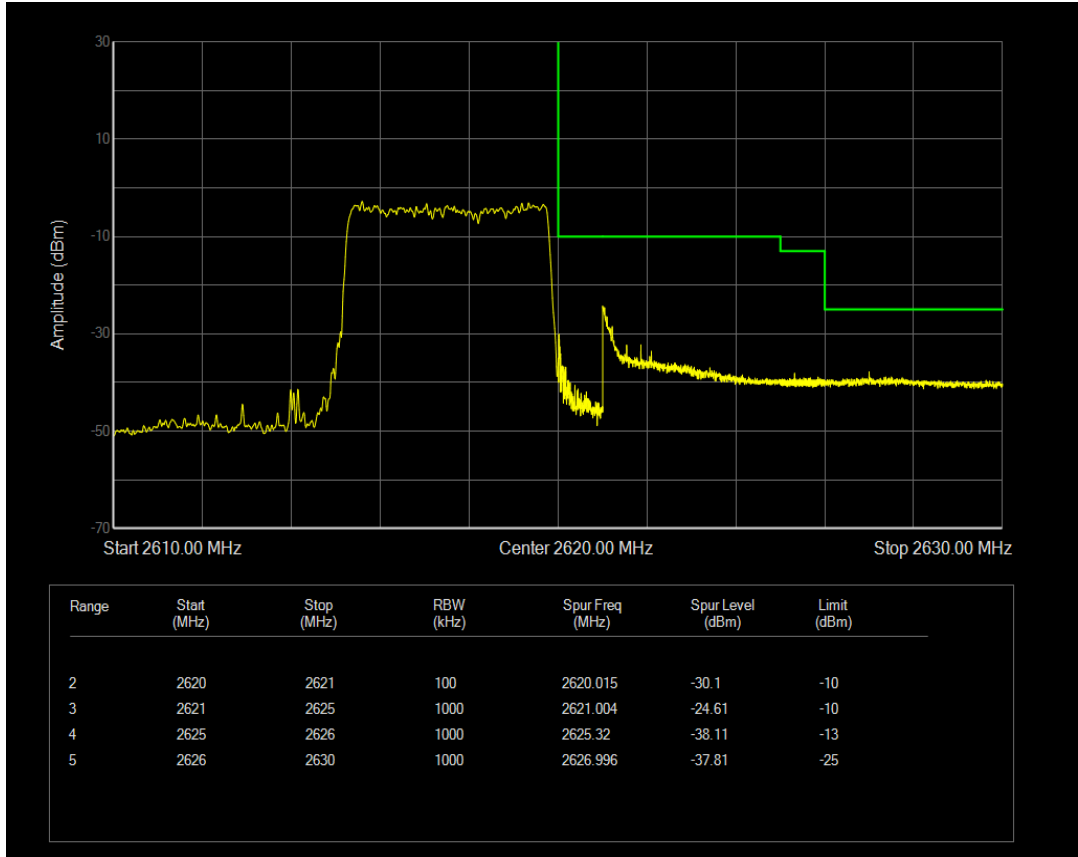
Band38 QPSK BW=5MHz Channel=37775 RB Size=25 Position=#0



Band38 QAM16 BW=5MHz Channel=37775 RB Size=25 Position=#0



Band38 QPSK BW=5MHz Channel=38225 RB Size=25 Position=#0



Band38 QAM16 BW=5MHz Channel=38225 RB Size=25 Position=#0