

Appendix for Test Report

FCC ID: 2ATWZ-S0

Product Name: Real-Time Multisensor

Model No: S0

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Conducted output power (EIRP)

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (mW)	EIRP Limit (mW)	Verdict
Band2	1.4	18607	1	#0	QPSK	22.99	-1.01	21.98	157.76	2000	PASS
Band2	1.4	18607	1	#Mid	QPSK	23.01	-1.01	22	158.49	2000	PASS
Band2	1.4	18607	1	#Max	QPSK	22.95	-1.01	21.94	156.31	2000	PASS
Band2	1.4	18607	3	#0	QPSK	22.99	-1.01	21.98	157.76	2000	PASS
Band2	1.4	18607	3	#Mid	QPSK	23.15	-1.01	22.14	163.68	2000	PASS
Band2	1.4	18607	3	#Max	QPSK	22.91	-1.01	21.9	154.88	2000	PASS
Band2	1.4	18607	6	#0	QPSK	22.24	-1.01	21.23	132.74	2000	PASS
Band2	1.4	18607	1	#0	16QAM	22.19	-1.01	21.18	131.22	2000	PASS
Band2	1.4	18607	1	#Mid	16QAM	22.21	-1.01	21.2	131.83	2000	PASS
Band2	1.4	18607	1	#Max	16QAM	22.14	-1.01	21.13	129.72	2000	PASS
Band2	1.4	18607	3	#0	16QAM	22.13	-1.01	21.12	129.42	2000	PASS
Band2	1.4	18607	3	#Mid	16QAM	22.13	-1.01	21.12	129.42	2000	PASS
Band2	1.4	18607	3	#Max	16QAM	22.1	-1.01	21.09	128.53	2000	PASS
Band2	1.4	18607	6	#0	16QAM	21.55	-1.01	20.54	113.24	2000	PASS
Band2	1.4	18900	1	#0	QPSK	23.28	-1.01	22.27	168.66	2000	PASS
Band2	1.4	18900	1	#Mid	QPSK	23.31	-1.01	22.3	169.82	2000	PASS
Band2	1.4	18900	1	#Max	QPSK	23.26	-1.01	22.25	167.88	2000	PASS
Band2	1.4	18900	3	#0	QPSK	23.33	-1.01	22.32	170.61	2000	PASS
Band2	1.4	18900	3	#Mid	QPSK	23.33	-1.01	22.32	170.61	2000	PASS
Band2	1.4	18900	3	#Max	QPSK	23.33	-1.01	22.32	170.61	2000	PASS
Band2	1.4	18900	6	#0	QPSK	22.37	-1.01	21.36	136.77	2000	PASS
Band2	1.4	18900	1	#0	16QAM	22.25	-1.01	21.24	133.05	2000	PASS
Band2	1.4	18900	1	#Mid	16QAM	22.29	-1.01	21.28	134.28	2000	PASS
Band2	1.4	18900	1	#Max	16QAM	22.28	-1.01	21.27	133.97	2000	PASS
Band2	1.4	18900	3	#0	16QAM	22.6	-1.01	21.59	144.21	2000	PASS
Band2	1.4	18900	3	#Mid	16QAM	22.63	-1.01	21.62	145.21	2000	PASS
Band2	1.4	18900	3	#Max	16QAM	22.62	-1.01	21.61	144.88	2000	PASS
Band2	1.4	18900	6	#0	16QAM	21.62	-1.01	20.61	115.08	2000	PASS
Band2	1.4	19193	1	#0	QPSK	22.98	-1.01	21.97	157.4	2000	PASS
Band2	1.4	19193	1	#Mid	QPSK	22.94	-1.01	21.93	155.96	2000	PASS
Band2	1.4	19193	1	#Max	QPSK	22.8	-1.01	21.79	151.01	2000	PASS
Band2	1.4	19193	3	#0	QPSK	22.88	-1.01	21.87	153.82	2000	PASS
Band2	1.4	19193	3	#Mid	QPSK	22.86	-1.01	21.85	153.11	2000	PASS
Band2	1.4	19193	3	#Max	QPSK	22.79	-1.01	21.78	150.66	2000	PASS
Band2	1.4	19193	6	#0	QPSK	22.01	-1.01	21	125.89	2000	PASS
Band2	1.4	19193	1	#0	16QAM	22.14	-1.01	21.13	129.72	2000	PASS
Band2	1.4	19193	1	#Mid	16QAM	22.14	-1.01	21.13	129.72	2000	PASS
Band2	1.4	19193	1	#Max	16QAM	22.04	-1.01	21.03	126.77	2000	PASS

Band2	1.4	19193	3	#0	16QAM	22.12	-1.01	21.11	129.12	2000	PASS
Band2	1.4	19193	3	#Mid	16QAM	22.11	-1.01	21.1	128.82	2000	PASS
Band2	1.4	19193	3	#Max	16QAM	22.05	-1.01	21.04	127.06	2000	PASS
Band2	1.4	19193	6	#0	16QAM	21.23	-1.01	20.22	105.2	2000	PASS
Band2	3	18615	1	#0	QPSK	22.78	-1.01	21.77	150.31	2000	PASS
Band2	3	18615	1	#Mid	QPSK	23.06	-1.01	22.05	160.32	2000	PASS
Band2	3	18615	1	#Max	QPSK	22.9	-1.01	21.89	154.53	2000	PASS
Band2	3	18615	8	#0	QPSK	22.17	-1.01	21.16	130.62	2000	PASS
Band2	3	18615	8	#Mid	QPSK	22.21	-1.01	21.2	131.83	2000	PASS
Band2	3	18615	8	#Max	QPSK	22.17	-1.01	21.16	130.62	2000	PASS
Band2	3	18615	15	#0	QPSK	22.18	-1.01	21.17	130.92	2000	PASS
Band2	3	18615	1	#0	16QAM	22.3	-1.01	21.29	134.59	2000	PASS
Band2	3	18615	1	#Mid	16QAM	22.43	-1.01	21.42	138.68	2000	PASS
Band2	3	18615	1	#Max	16QAM	22.27	-1.01	21.26	133.66	2000	PASS
Band2	3	18615	8	#0	16QAM	21.24	-1.01	20.23	105.44	2000	PASS
Band2	3	18615	8	#Mid	16QAM	21.3	-1.01	20.29	106.91	2000	PASS
Band2	3	18615	8	#Max	16QAM	21.24	-1.01	20.23	105.44	2000	PASS
Band2	3	18615	15	#0	16QAM	21.26	-1.01	20.25	105.93	2000	PASS
Band2	3	18900	1	#0	QPSK	23.11	-1.01	22.1	162.18	2000	PASS
Band2	3	18900	1	#Mid	QPSK	23.28	-1.01	22.27	168.66	2000	PASS
Band2	3	18900	1	#Max	QPSK	23.13	-1.01	22.12	162.93	2000	PASS
Band2	3	18900	8	#0	QPSK	22.35	-1.01	21.34	136.14	2000	PASS
Band2	3	18900	8	#Mid	QPSK	22.39	-1.01	21.38	137.4	2000	PASS
Band2	3	18900	8	#Max	QPSK	22.39	-1.01	21.38	137.4	2000	PASS
Band2	3	18900	15	#0	QPSK	22.37	-1.01	21.36	136.77	2000	PASS
Band2	3	18900	1	#0	16QAM	22.08	-1.01	21.07	127.94	2000	PASS
Band2	3	18900	1	#Mid	16QAM	22.3	-1.01	21.29	134.59	2000	PASS
Band2	3	18900	1	#Max	16QAM	22.14	-1.01	21.13	129.72	2000	PASS
Band2	3	18900	8	#0	16QAM	21.59	-1.01	20.58	114.29	2000	PASS
Band2	3	18900	8	#Mid	16QAM	21.64	-1.01	20.63	115.61	2000	PASS
Band2	3	18900	8	#Max	16QAM	21.64	-1.01	20.63	115.61	2000	PASS
Band2	3	18900	15	#0	16QAM	21.45	-1.01	20.44	110.66	2000	PASS
Band2	3	19185	1	#0	QPSK	22.94	-1.01	21.93	155.96	2000	PASS
Band2	3	19185	1	#Mid	QPSK	23.02	-1.01	22.01	158.85	2000	PASS
Band2	3	19185	1	#Max	QPSK	22.74	-1.01	21.73	148.94	2000	PASS
Band2	3	19185	8	#0	QPSK	22.27	-1.01	21.26	133.66	2000	PASS
Band2	3	19185	8	#Mid	QPSK	22.28	-1.01	21.27	133.97	2000	PASS
Band2	3	19185	8	#Max	QPSK	22.18	-1.01	21.17	130.92	2000	PASS
Band2	3	19185	15	#0	QPSK	22.24	-1.01	21.23	132.74	2000	PASS
Band2	3	19185	1	#0	16QAM	22.15	-1.01	21.14	130.02	2000	PASS
Band2	3	19185	1	#Mid	16QAM	22.24	-1.01	21.23	132.74	2000	PASS
Band2	3	19185	1	#Max	16QAM	21.94	-1.01	20.93	123.88	2000	PASS
Band2	3	19185	8	#0	16QAM	21.32	-1.01	20.31	107.4	2000	PASS

Band2	3	19185	8	#Mid	16QAM	21.33	-1.01	20.32	107.65	2000	PASS
Band2	3	19185	8	#Max	16QAM	21.25	-1.01	20.24	105.68	2000	PASS
Band2	3	19185	15	#0	16QAM	21.36	-1.01	20.35	108.39	2000	PASS
Band2	5	18625	1	#0	QPSK	23.21	-1.01	22.2	165.96	2000	PASS
Band2	5	18625	1	#Mid	QPSK	23.09	-1.01	22.08	161.44	2000	PASS
Band2	5	18625	1	#Max	QPSK	23.2	-1.01	22.19	165.58	2000	PASS
Band2	5	18625	12	#0	QPSK	22.25	-1.01	21.24	133.05	2000	PASS
Band2	5	18625	12	#Mid	QPSK	22.21	-1.01	21.2	131.83	2000	PASS
Band2	5	18625	12	#Max	QPSK	22.23	-1.01	21.22	132.43	2000	PASS
Band2	5	18625	25	#0	QPSK	22.26	-1.01	21.25	133.35	2000	PASS
Band2	5	18625	1	#0	16QAM	22.53	-1.01	21.52	141.91	2000	PASS
Band2	5	18625	1	#Mid	16QAM	22.45	-1.01	21.44	139.32	2000	PASS
Band2	5	18625	1	#Max	16QAM	22.59	-1.01	21.58	143.88	2000	PASS
Band2	5	18625	12	#0	16QAM	21.37	-1.01	20.36	108.64	2000	PASS
Band2	5	18625	12	#Mid	16QAM	21.33	-1.01	20.32	107.65	2000	PASS
Band2	5	18625	12	#Max	16QAM	21.36	-1.01	20.35	108.39	2000	PASS
Band2	5	18625	25	#0	16QAM	21.44	-1.01	20.43	110.41	2000	PASS
Band2	5	18900	1	#0	QPSK	23.37	-1.01	22.36	172.19	2000	PASS
Band2	5	18900	1	#Mid	QPSK	23.33	-1.01	22.32	170.61	2000	PASS
Band2	5	18900	1	#Max	QPSK	23.48	-1.01	22.47	176.6	2000	PASS
Band2	5	18900	12	#0	QPSK	22.4	-1.01	21.39	137.72	2000	PASS
Band2	5	18900	12	#Mid	QPSK	22.42	-1.01	21.41	138.36	2000	PASS
Band2	5	18900	12	#Max	QPSK	22.47	-1.01	21.46	139.96	2000	PASS
Band2	5	18900	25	#0	QPSK	22.47	-1.01	21.46	139.96	2000	PASS
Band2	5	18900	1	#0	16QAM	22.61	-1.01	21.6	144.54	2000	PASS
Band2	5	18900	1	#Mid	16QAM	22.59	-1.01	21.58	143.88	2000	PASS
Band2	5	18900	1	#Max	16QAM	22.74	-1.01	21.73	148.94	2000	PASS
Band2	5	18900	12	#0	16QAM	21.54	-1.01	20.53	112.98	2000	PASS
Band2	5	18900	12	#Mid	16QAM	21.56	-1.01	20.55	113.5	2000	PASS
Band2	5	18900	12	#Max	16QAM	21.61	-1.01	20.6	114.82	2000	PASS
Band2	5	18900	25	#0	16QAM	21.65	-1.01	20.64	115.88	2000	PASS
Band2	5	19175	1	#0	QPSK	23.27	-1.01	22.26	168.27	2000	PASS
Band2	5	19175	1	#Mid	QPSK	23.04	-1.01	22.03	159.59	2000	PASS
Band2	5	19175	1	#Max	QPSK	22.96	-1.01	21.95	156.68	2000	PASS
Band2	5	19175	12	#0	QPSK	22.41	-1.01	21.4	138.04	2000	PASS
Band2	5	19175	12	#Mid	QPSK	22.32	-1.01	21.31	135.21	2000	PASS
Band2	5	19175	12	#Max	QPSK	22.28	-1.01	21.27	133.97	2000	PASS
Band2	5	19175	25	#0	QPSK	22.35	-1.01	21.34	136.14	2000	PASS
Band2	5	19175	1	#0	16QAM	22.85	-1.01	21.84	152.76	2000	PASS
Band2	5	19175	1	#Mid	16QAM	22.65	-1.01	21.64	145.88	2000	PASS
Band2	5	19175	1	#Max	16QAM	22.59	-1.01	21.58	143.88	2000	PASS
Band2	5	19175	12	#0	16QAM	21.49	-1.01	20.48	111.69	2000	PASS
Band2	5	19175	12	#Mid	16QAM	21.41	-1.01	20.4	109.65	2000	PASS

Band2	5	19175	12	#Max	16QAM	21.38	-1.01	20.37	108.89	2000	PASS
Band2	5	19175	25	#0	16QAM	21.44	-1.01	20.43	110.41	2000	PASS
Band2	10	18650	1	#0	QPSK	23.1	-1.01	22.09	161.81	2000	PASS
Band2	10	18650	1	#Mid	QPSK	23.03	-1.01	22.02	159.22	2000	PASS
Band2	10	18650	1	#Max	QPSK	23.15	-1.01	22.14	163.68	2000	PASS
Band2	10	18650	25	#0	QPSK	22.23	-1.01	21.22	132.43	2000	PASS
Band2	10	18650	25	#Mid	QPSK	22.2	-1.01	21.19	131.52	2000	PASS
Band2	10	18650	25	#Max	QPSK	22.27	-1.01	21.26	133.66	2000	PASS
Band2	10	18650	50	#0	QPSK	22.27	-1.01	21.26	133.66	2000	PASS
Band2	10	18650	1	#0	16QAM	22.46	-1.01	21.45	139.64	2000	PASS
Band2	10	18650	1	#Mid	16QAM	22.43	-1.01	21.42	138.68	2000	PASS
Band2	10	18650	1	#Max	16QAM	22.57	-1.01	21.56	143.22	2000	PASS
Band2	10	18650	25	#0	16QAM	21.36	-1.01	20.35	108.39	2000	PASS
Band2	10	18650	25	#Mid	16QAM	21.33	-1.01	20.32	107.65	2000	PASS
Band2	10	18650	25	#Max	16QAM	21.4	-1.01	20.39	109.4	2000	PASS
Band2	10	18900	1	#0	QPSK	23.14	-1.01	22.13	163.31	2000	PASS
Band2	10	18900	1	#Mid	QPSK	23.23	-1.01	22.22	166.72	2000	PASS
Band2	10	18900	1	#Max	QPSK	23.47	-1.01	22.46	176.2	2000	PASS
Band2	10	18900	25	#0	QPSK	22.48	-1.01	21.47	140.28	2000	PASS
Band2	10	18900	25	#Mid	QPSK	22.44	-1.01	21.43	139	2000	PASS
Band2	10	18900	25	#Max	QPSK	22.64	-1.01	21.63	145.55	2000	PASS
Band2	10	18900	50	#0	QPSK	22.56	-1.01	21.55	142.89	2000	PASS
Band2	10	18900	1	#0	16QAM	22.22	-1.01	21.21	132.13	2000	PASS
Band2	10	18900	1	#Mid	16QAM	22.34	-1.01	21.33	135.83	2000	PASS
Band2	10	18900	1	#Max	16QAM	22.59	-1.01	21.58	143.88	2000	PASS
Band2	10	18900	25	#0	16QAM	21.6	-1.01	20.59	114.55	2000	PASS
Band2	10	18900	25	#Mid	16QAM	21.69	-1.01	20.68	116.95	2000	PASS
Band2	10	18900	25	#Max	16QAM	21.79	-1.01	20.78	119.67	2000	PASS
Band2	10	19150	1	#0	QPSK	23.36	-1.01	22.35	171.79	2000	PASS
Band2	10	19150	1	#Mid	QPSK	23.27	-1.01	22.26	168.27	2000	PASS
Band2	10	19150	1	#Max	QPSK	23.09	-1.01	22.08	161.44	2000	PASS
Band2	10	19150	25	#0	QPSK	22.38	-1.01	21.37	137.09	2000	PASS
Band2	10	19150	25	#Mid	QPSK	22.36	-1.01	21.35	136.46	2000	PASS
Band2	10	19150	25	#Max	QPSK	22.33	-1.01	21.32	135.52	2000	PASS
Band2	10	19150	50	#0	QPSK	22.37	-1.01	21.36	136.77	2000	PASS
Band2	10	19150	1	#0	16QAM	22.39	-1.01	21.38	137.4	2000	PASS
Band2	10	19150	1	#Mid	16QAM	22.31	-1.01	21.3	134.9	2000	PASS
Band2	10	19150	1	#Max	16QAM	22.15	-1.01	21.14	130.02	2000	PASS
Band2	10	19150	25	#0	16QAM	21.38	-1.01	20.37	108.89	2000	PASS
Band2	10	19150	25	#Mid	16QAM	21.38	-1.01	20.37	108.89	2000	PASS
Band2	10	19150	25	#Max	16QAM	21.36	-1.01	20.35	108.39	2000	PASS
Band2	15	18675	1	#0	QPSK	23.06	-1.01	22.05	160.32	2000	PASS
Band2	15	18675	1	#Mid	QPSK	23.33	-1.01	22.32	170.61	2000	PASS

Band2	15	18675	1	#Max	QPSK	22.99	-1.01	21.98	157.76	2000	PASS
Band2	15	18675	36	#0	QPSK	22.32	-1.01	21.31	135.21	2000	PASS
Band2	15	18675	36	#Mid	QPSK	22.33	-1.01	21.32	135.52	2000	PASS
Band2	15	18675	36	#Max	QPSK	22.22	-1.01	21.21	132.13	2000	PASS
Band2	15	18675	75	#0	QPSK	22.98	-1.01	21.97	157.4	2000	PASS
Band2	15	18675	1	#0	16QAM	22.44	-1.01	21.43	139	2000	PASS
Band2	15	18675	1	#Mid	16QAM	22.6	-1.01	21.59	144.21	2000	PASS
Band2	15	18675	1	#Max	16QAM	22.38	-1.01	21.37	137.09	2000	PASS
Band2	15	18900	1	#0	QPSK	22.98	-1.01	21.97	157.4	2000	PASS
Band2	15	18900	1	#Mid	QPSK	23.4	-1.01	22.39	173.38	2000	PASS
Band2	15	18900	1	#Max	QPSK	23.34	-1.01	22.33	171	2000	PASS
Band2	15	18900	36	#0	QPSK	22.33	-1.01	21.32	135.52	2000	PASS
Band2	15	18900	36	#Mid	QPSK	22.58	-1.01	21.57	143.55	2000	PASS
Band2	15	18900	36	#Max	QPSK	22.68	-1.01	21.67	146.89	2000	PASS
Band2	15	18900	75	#0	QPSK	23.15	-1.01	22.14	163.68	2000	PASS
Band2	15	18900	1	#0	16QAM	22	-1.01	20.99	125.6	2000	PASS
Band2	15	18900	1	#Mid	16QAM	22.39	-1.01	21.38	137.4	2000	PASS
Band2	15	18900	1	#Max	16QAM	22.42	-1.01	21.41	138.36	2000	PASS
Band2	15	19125	1	#0	QPSK	23.31	-1.01	22.3	169.82	2000	PASS
Band2	15	19125	1	#Mid	QPSK	23.24	-1.01	22.23	167.11	2000	PASS
Band2	15	19125	1	#Max	QPSK	22.81	-1.01	21.8	151.36	2000	PASS
Band2	15	19125	36	#0	QPSK	22.51	-1.01	21.5	141.25	2000	PASS
Band2	15	19125	36	#Mid	QPSK	22.5	-1.01	21.49	140.93	2000	PASS
Band2	15	19125	36	#Max	QPSK	22.4	-1.01	21.39	137.72	2000	PASS
Band2	15	19125	75	#0	QPSK	23.12	-1.01	22.11	162.55	2000	PASS
Band2	15	19125	1	#0	16QAM	22.64	-1.01	21.63	145.55	2000	PASS
Band2	15	19125	1	#Mid	16QAM	22.57	-1.01	21.56	143.22	2000	PASS
Band2	15	19125	1	#Max	16QAM	22.16	-1.01	21.15	130.32	2000	PASS
Band2	20	18700	1	#0	QPSK	23.14	-1.01	22.13	163.31	2000	PASS
Band2	20	18700	1	#Mid	QPSK	23.17	-1.01	22.16	164.44	2000	PASS
Band2	20	18700	1	#Max	QPSK	22.98	-1.01	21.97	157.4	2000	PASS
Band2	20	18700	50	#0	QPSK	22.21	-1.01	21.2	131.83	2000	PASS
Band2	20	18700	50	#Mid	QPSK	22.27	-1.01	21.26	133.66	2000	PASS
Band2	20	18700	50	#Max	QPSK	22.18	-1.01	21.17	130.92	2000	PASS
Band2	20	18700	100	#0	QPSK	23	-1.01	21.99	158.12	2000	PASS
Band2	20	18700	1	#0	16QAM	22.31	-1.01	21.3	134.9	2000	PASS
Band2	20	18700	1	#Mid	16QAM	22.38	-1.01	21.37	137.09	2000	PASS
Band2	20	18700	1	#Max	16QAM	22.21	-1.01	21.2	131.83	2000	PASS
Band2	20	18900	1	#0	QPSK	23.04	-1.01	22.03	159.59	2000	PASS
Band2	20	18900	1	#Mid	QPSK	23.44	-1.01	22.43	174.98	2000	PASS
Band2	20	18900	1	#Max	QPSK	23.47	-1.01	22.46	176.2	2000	PASS
Band2	20	18900	50	#0	QPSK	22.24	-1.01	21.23	132.74	2000	PASS
Band2	20	18900	50	#Mid	QPSK	22.47	-1.01	21.46	139.96	2000	PASS

Band2	20	18900	50	#Max	QPSK	22.6	-1.01	21.59	144.21	2000	PASS
Band2	20	18900	100	#0	QPSK	23.35	-1.01	22.34	171.4	2000	PASS
Band2	20	18900	1	#0	16QAM	21.91	-1.01	20.9	123.03	2000	PASS
Band2	20	18900	1	#Mid	16QAM	22.39	-1.01	21.38	137.4	2000	PASS
Band2	20	18900	1	#Max	16QAM	22.44	-1.01	21.43	139	2000	PASS
Band2	20	19100	1	#0	QPSK	23.48	-1.01	22.47	176.6	2000	PASS
Band2	20	19100	1	#Mid	QPSK	23.3	-1.01	22.29	169.43	2000	PASS
Band2	20	19100	1	#Max	QPSK	22.76	-1.01	21.75	149.62	2000	PASS
Band2	20	19100	50	#0	QPSK	22.63	-1.01	21.62	145.21	2000	PASS
Band2	20	19100	50	#Mid	QPSK	22.57	-1.01	21.56	143.22	2000	PASS
Band2	20	19100	50	#Max	QPSK	22.38	-1.01	21.37	137.09	2000	PASS
Band2	20	19100	100	#0	QPSK	23.16	-1.01	22.15	164.06	2000	PASS
Band2	20	19100	1	#0	16QAM	22.77	-1.01	21.76	149.97	2000	PASS
Band2	20	19100	1	#Mid	16QAM	22.62	-1.01	21.61	144.88	2000	PASS
Band2	20	19100	1	#Max	16QAM	22.11	-1.01	21.1	128.82	2000	PASS

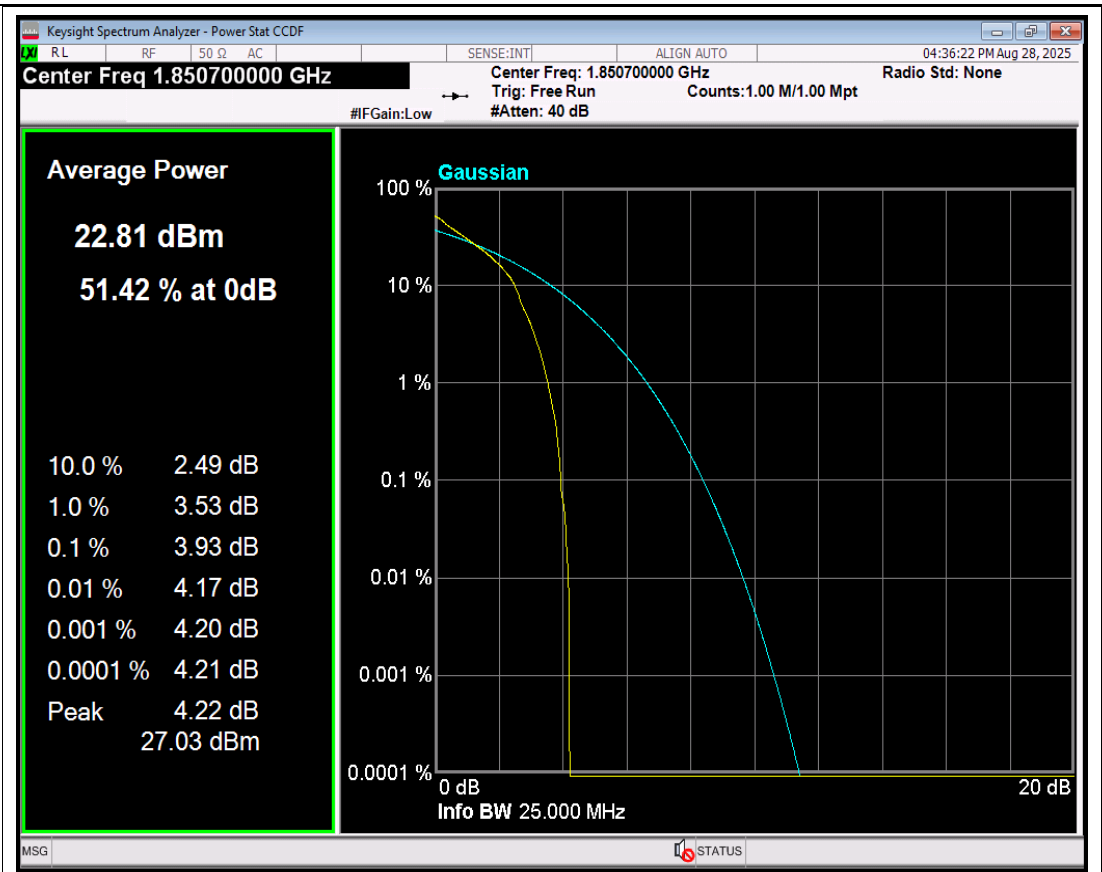
Note: EIRP = Power + Gain

Frequency stability

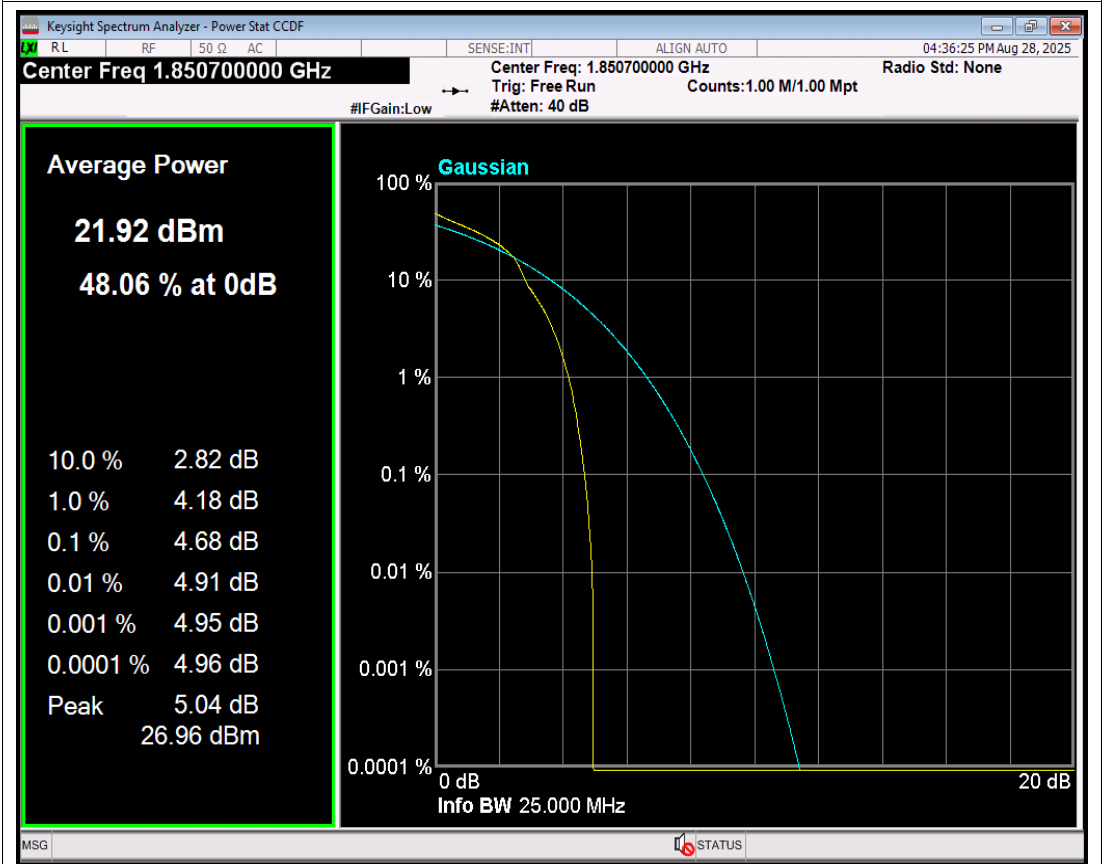
<i>Band</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Size</i>	<i>RB Position</i>	<i>Modulation</i>	<i>Result(Hz)</i>	<i>Result (ppm)</i>	<i>Low Limit (ppm)</i>	<i>high Limit (ppm)</i>	<i>Verdict</i>
Band2	20	18700	100	#0	QPSK	4.59	0.002	-2.5	2.5	PASS
Band2	20	18900	100	#0	QPSK	-6.17	-0.003	-2.5	2.5	PASS
Band2	20	19100	100	#0	QPSK	-7.24	-0.004	-2.5	2.5	PASS

Peak-to-Average Ratio

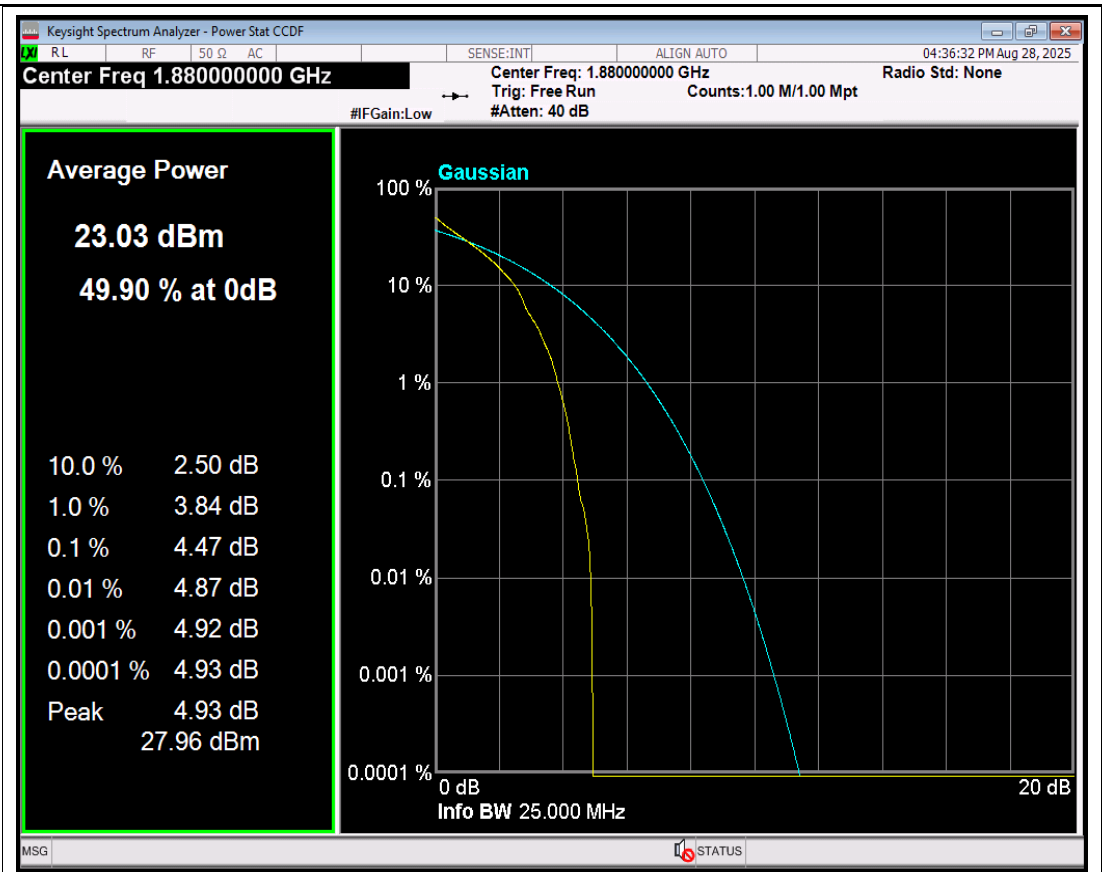
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band2	1.4	18607	1	#0	QPSK	3.93	13	PASS
Band2	1.4	18607	1	#0	16QAM	4.68	13	PASS
Band2	1.4	18900	1	#0	QPSK	4.47	13	PASS
Band2	1.4	18900	1	#0	16QAM	5.11	13	PASS
Band2	1.4	19193	1	#0	QPSK	3.90	13	PASS
Band2	1.4	19193	1	#0	16QAM	4.56	13	PASS
Band2	3	18615	1	#0	QPSK	3.97	13	PASS
Band2	3	18615	1	#0	16QAM	4.76	13	PASS
Band2	3	18900	1	#0	QPSK	4.69	13	PASS
Band2	3	18900	1	#0	16QAM	5.11	13	PASS
Band2	3	19185	1	#0	QPSK	4.05	13	PASS
Band2	3	19185	1	#0	16QAM	4.79	13	PASS
Band2	5	18625	1	#0	QPSK	3.78	13	PASS
Band2	5	18625	1	#0	16QAM	4.54	13	PASS
Band2	5	18900	1	#0	QPSK	4.54	13	PASS
Band2	5	18900	1	#0	16QAM	5.27	13	PASS
Band2	5	19175	1	#0	QPSK	4.04	13	PASS
Band2	5	19175	1	#0	16QAM	4.53	13	PASS
Band2	10	18650	1	#0	QPSK	3.72	13	PASS
Band2	10	18650	1	#0	16QAM	4.54	13	PASS
Band2	10	18900	1	#0	QPSK	4.53	13	PASS
Band2	10	18900	1	#0	16QAM	5.08	13	PASS
Band2	10	19150	1	#0	QPSK	4.39	13	PASS
Band2	10	19150	1	#0	16QAM	5.26	13	PASS
Band2	15	18675	1	#0	QPSK	3.85	13	PASS
Band2	15	18675	1	#0	16QAM	4.78	13	PASS
Band2	15	18900	1	#0	QPSK	4.76	13	PASS
Band2	15	18900	1	#0	16QAM	5.35	13	PASS
Band2	15	19125	1	#0	QPSK	4.56	13	PASS
Band2	15	19125	1	#0	16QAM	5.48	13	PASS
Band2	20	18700	1	#0	QPSK	3.88	13	PASS
Band2	20	18700	1	#0	16QAM	4.76	13	PASS
Band2	20	18900	1	#0	QPSK	4.71	13	PASS
Band2	20	18900	1	#0	16QAM	5.48	13	PASS
Band2	20	19100	1	#0	QPSK	4.33	13	PASS
Band2	20	19100	1	#0	16QAM	4.94	13	PASS



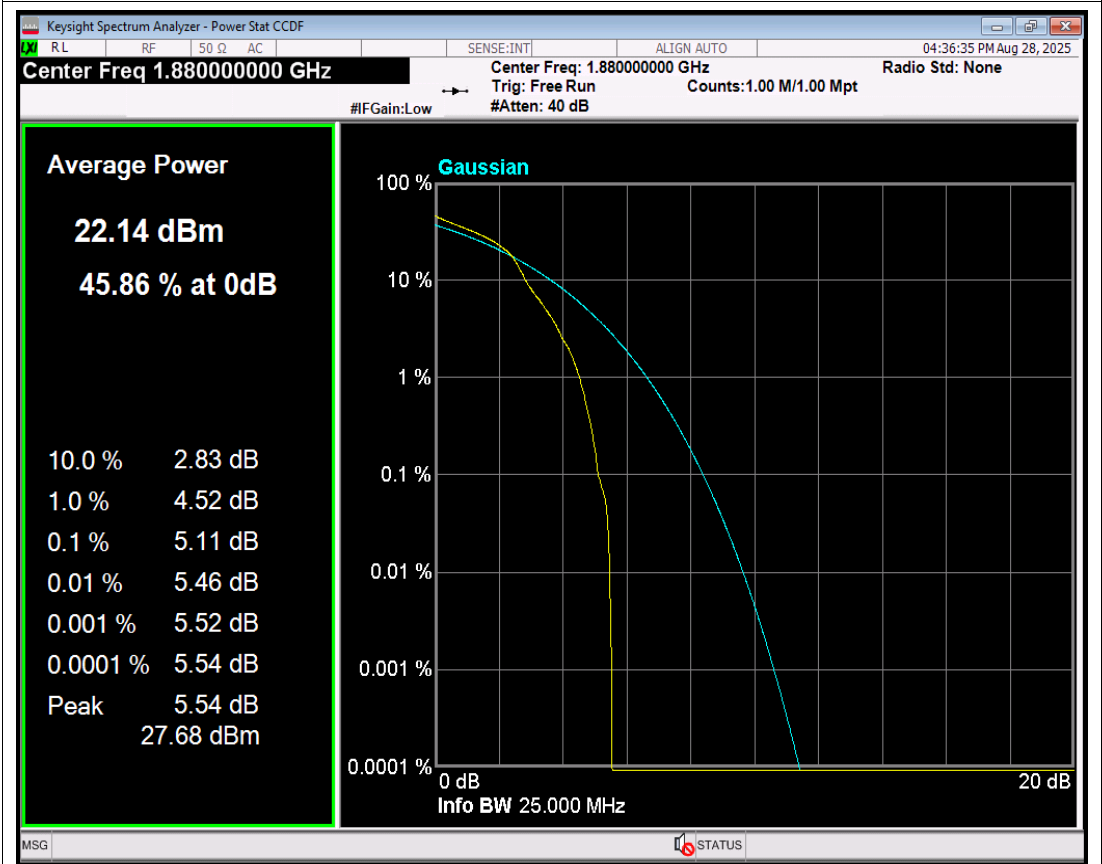
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=1 Position=#0



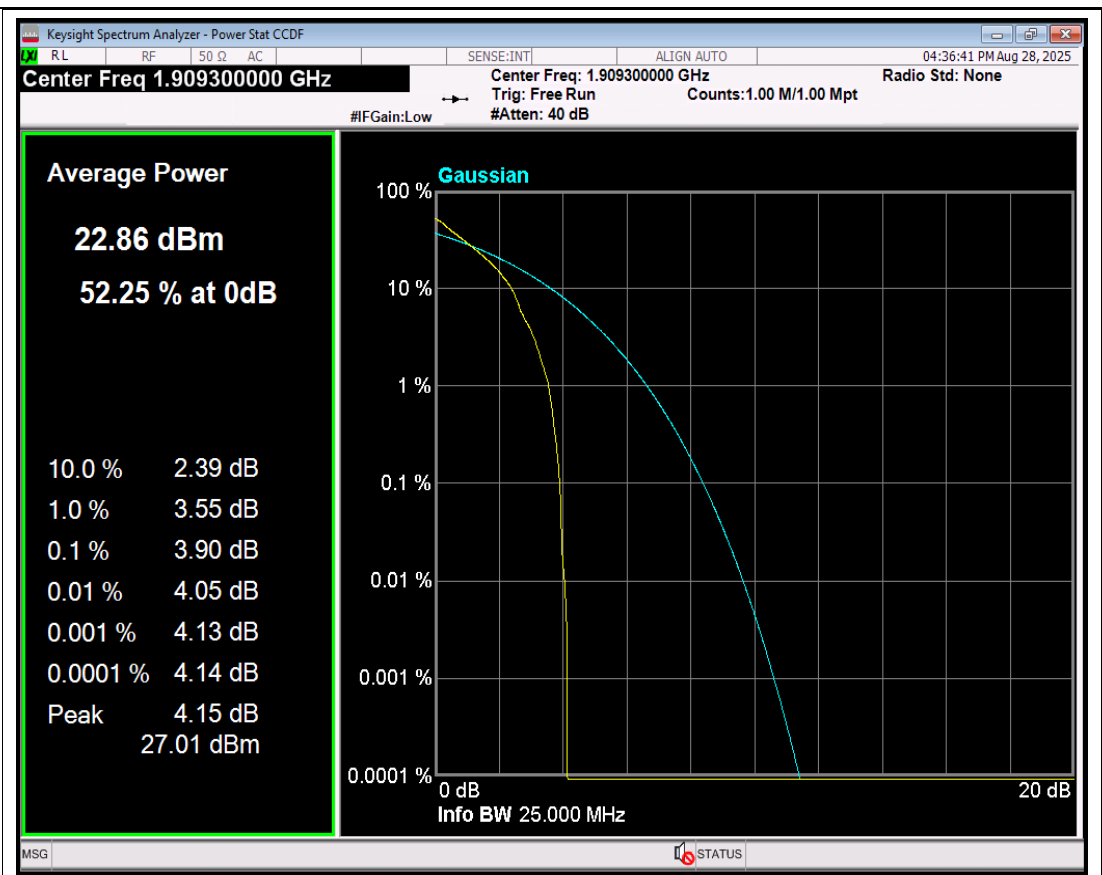
Band2 16QAM BW=1.4MHz Channel=18607 RB Size=1 Position=#0



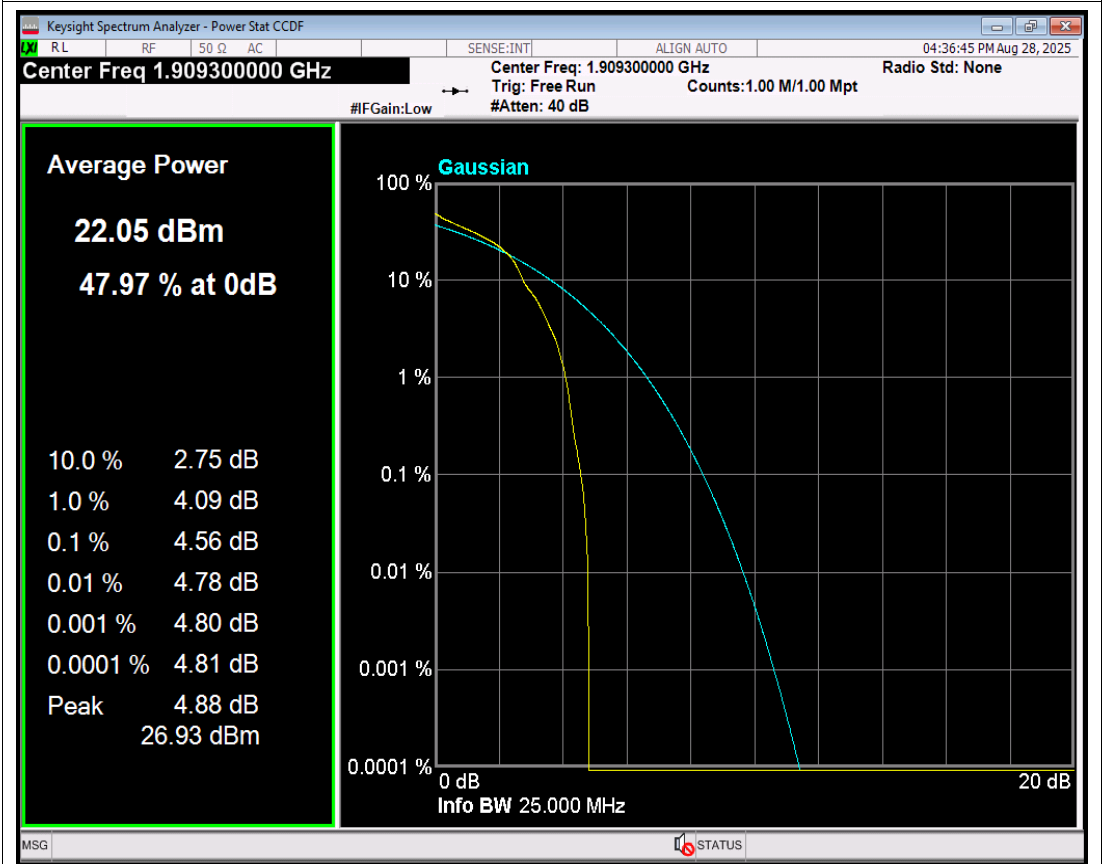
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=1 Position=#0



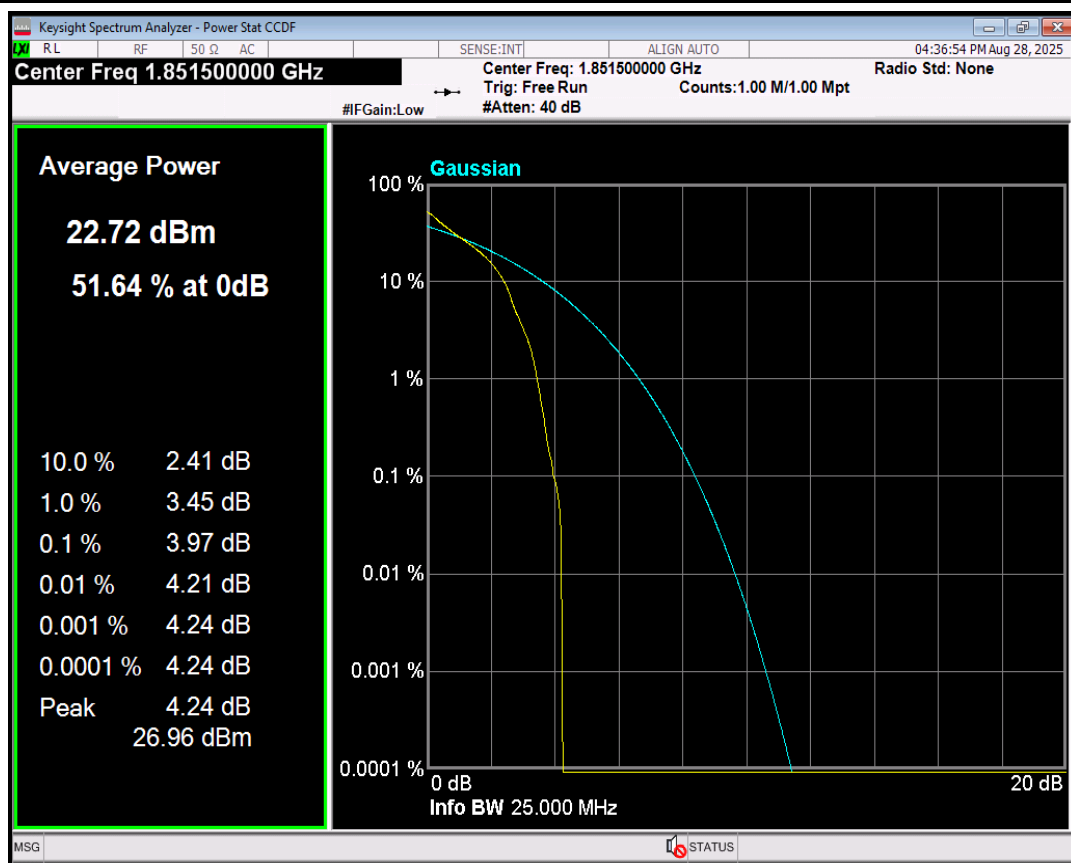
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=1 Position=#0



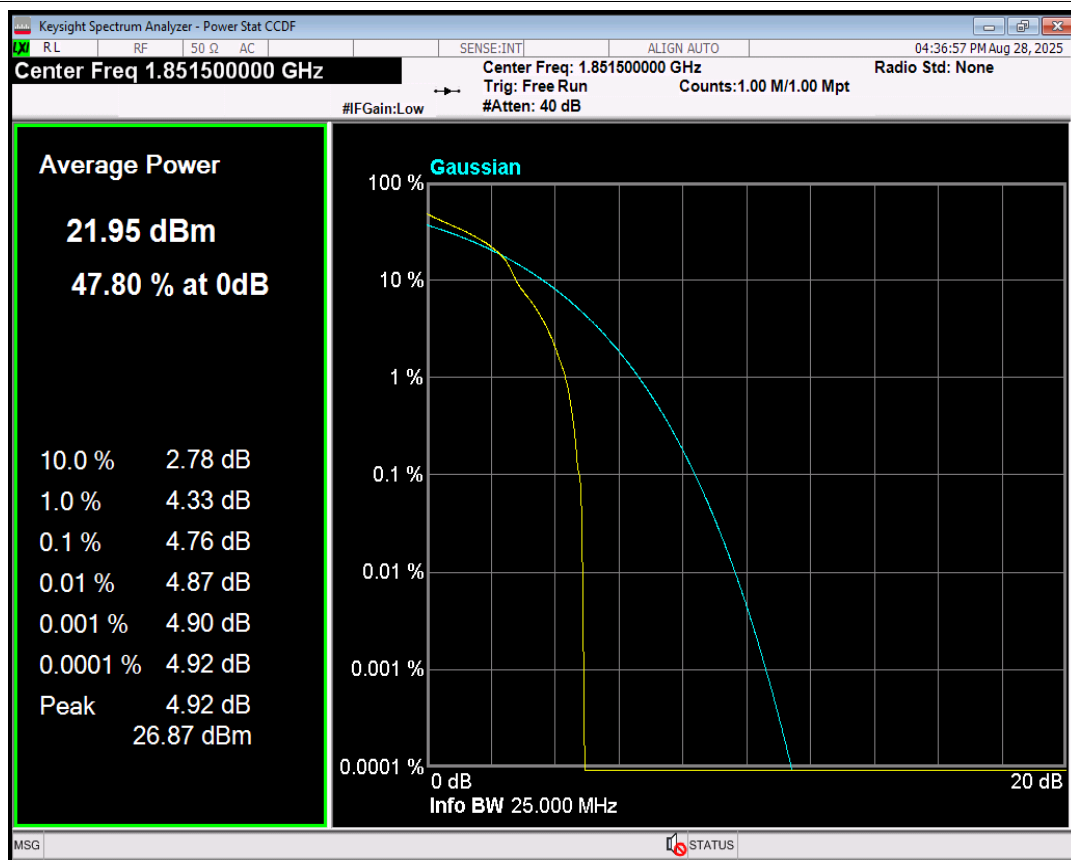
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=1 Position=#0



Band2 16QAM BW=1.4MHz Channel=19193 RB Size=1 Position=#0



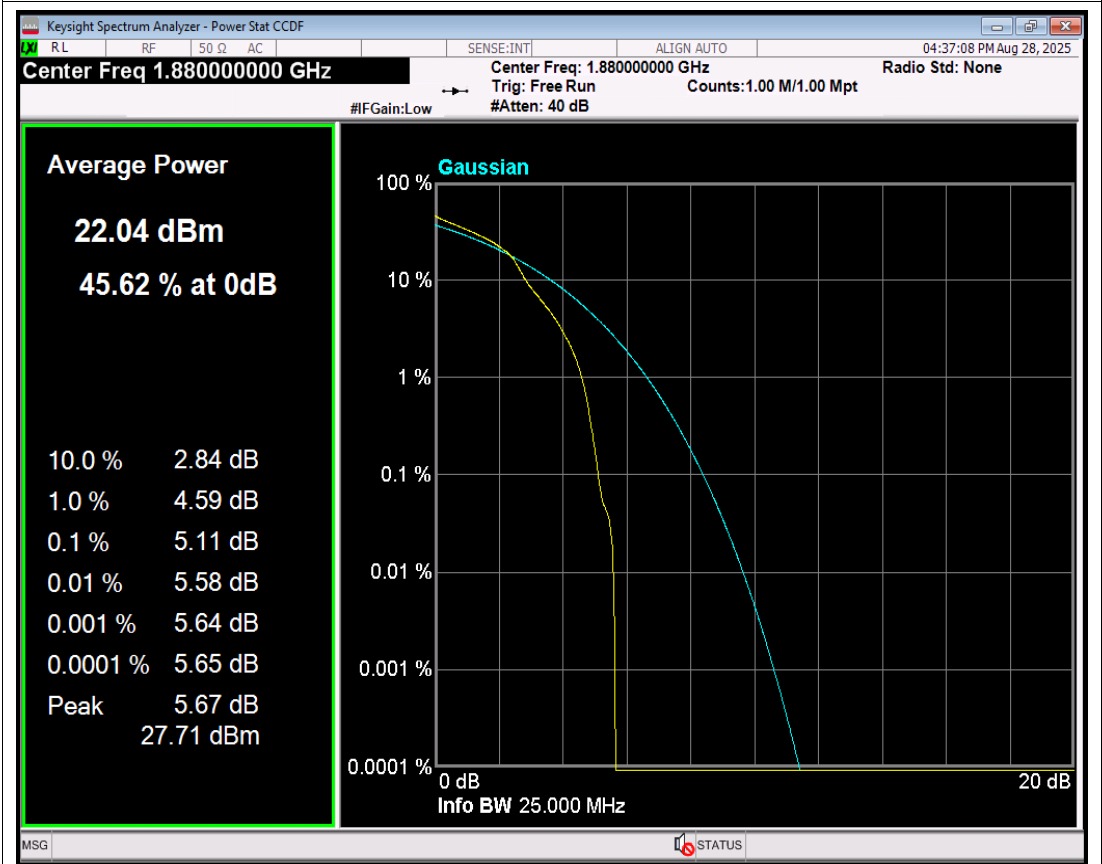
Band2 QPSK BW=3MHz Channel=18615 RB Size=1 Position=#0



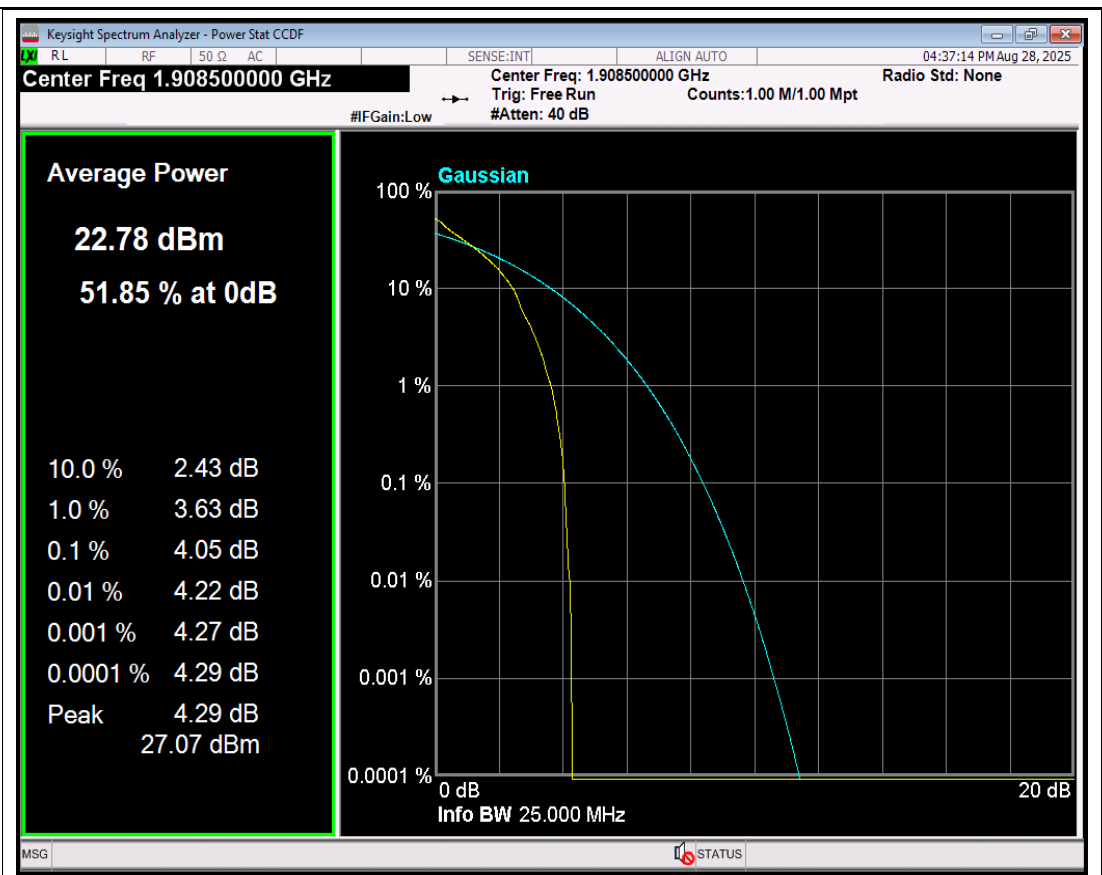
Band2 16QAM BW=3MHz Channel=18615 RB Size=1 Position=#0



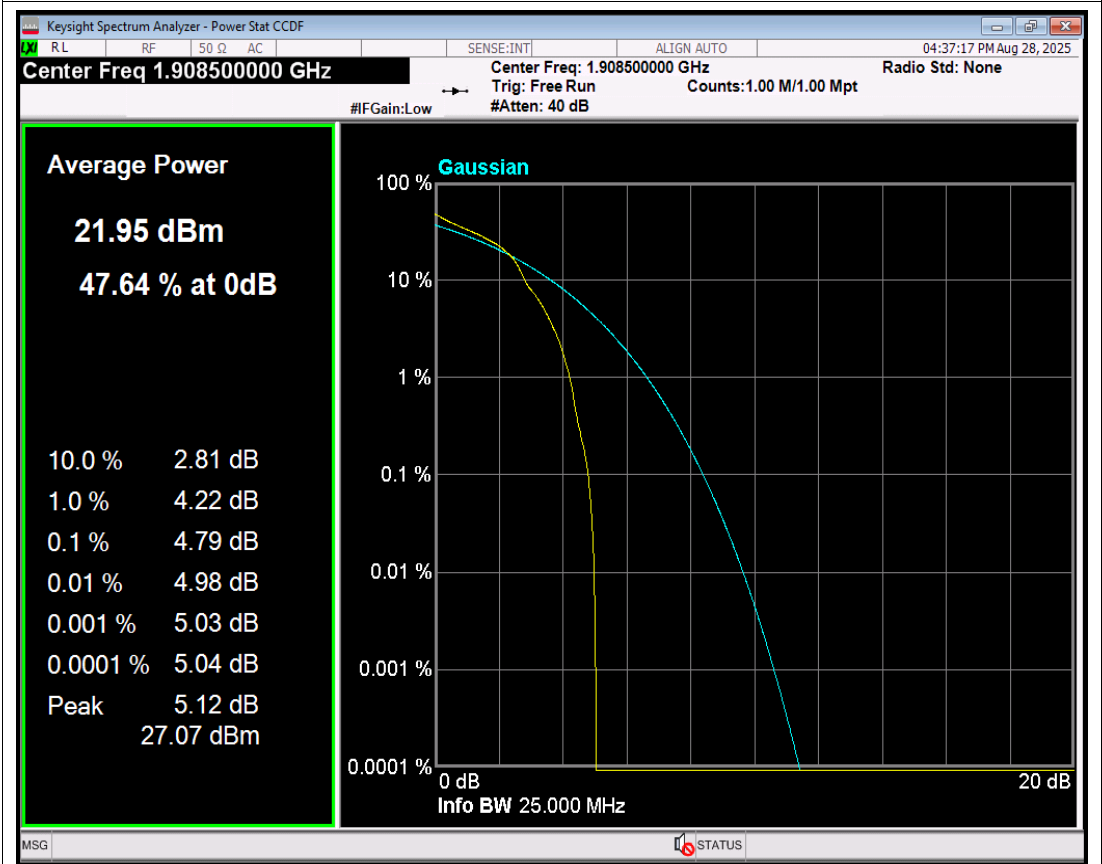
Band2 QPSK BW=3MHz Channel=18900 RB Size=1 Position=#0



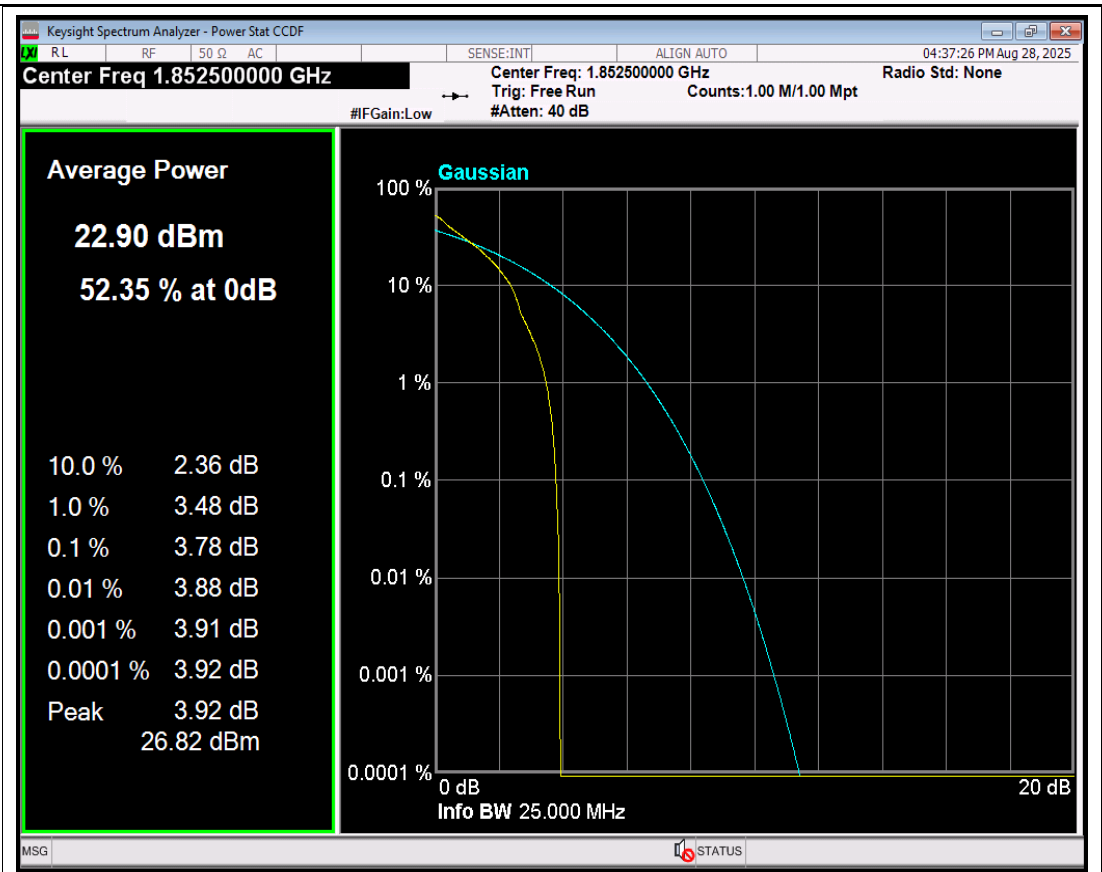
Band2 16QAM BW=3MHz Channel=18900 RB Size=1 Position=#0



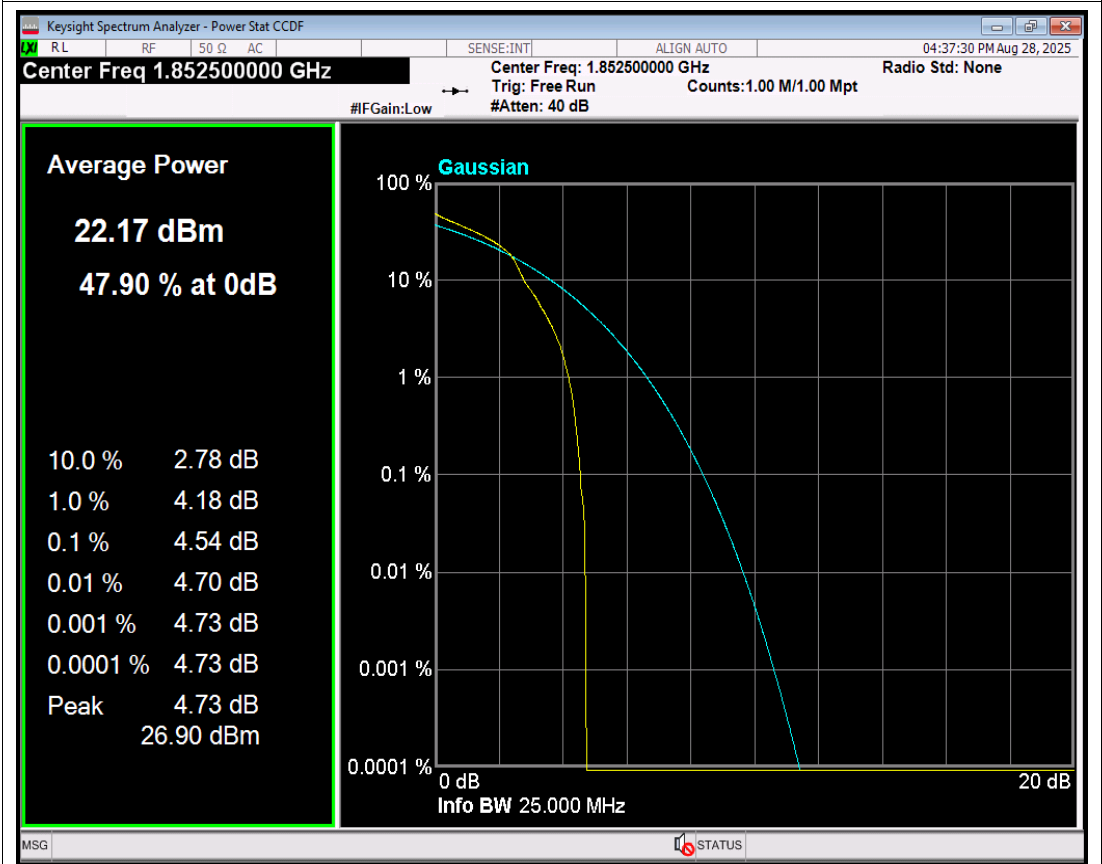
Band2 QPSK BW=3MHz Channel=19185 RB Size=1 Position=#0



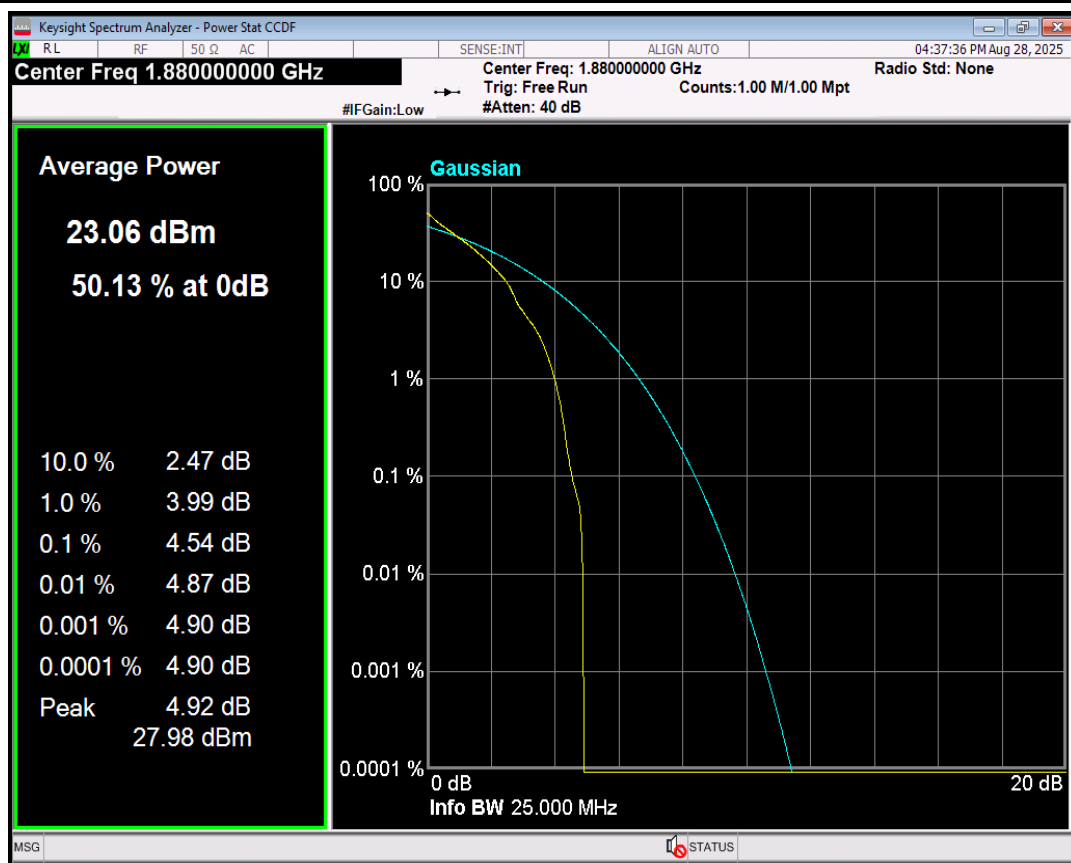
Band2 16QAM BW=3MHz Channel=19185 RB Size=1 Position=#0



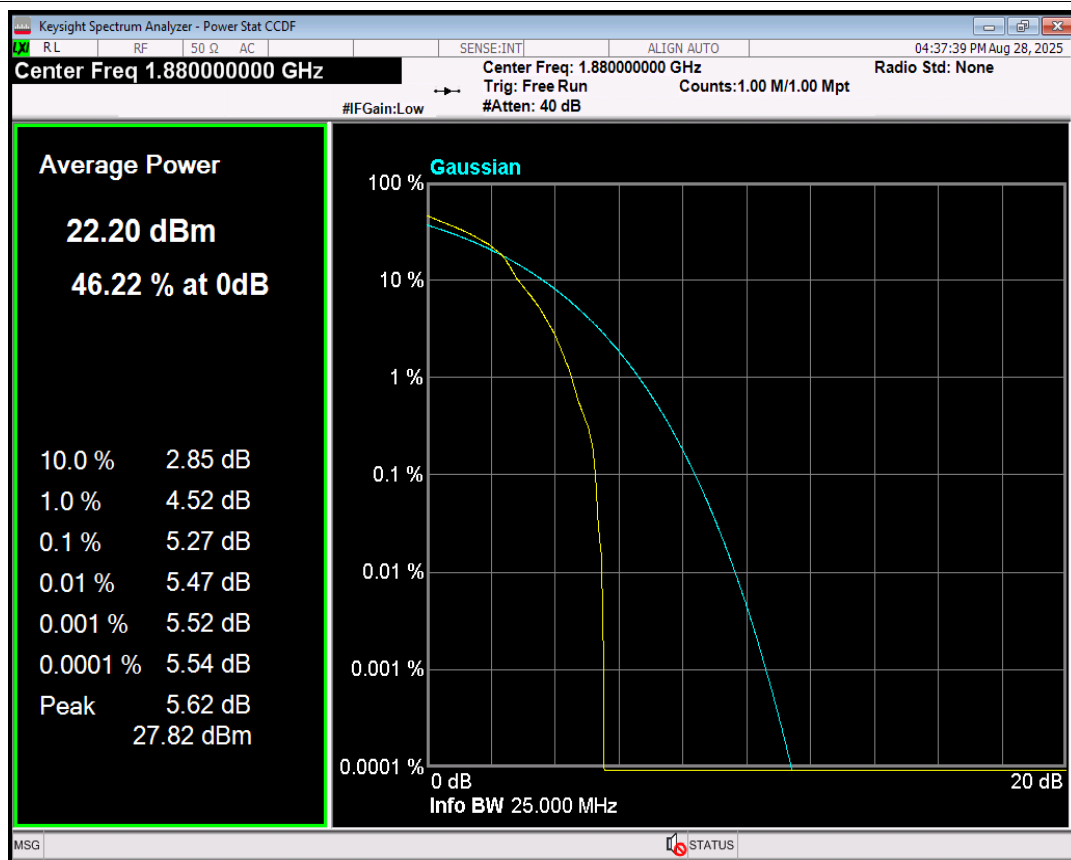
Band2 QPSK BW=5MHz Channel=18625 RB Size=1 Position=#0



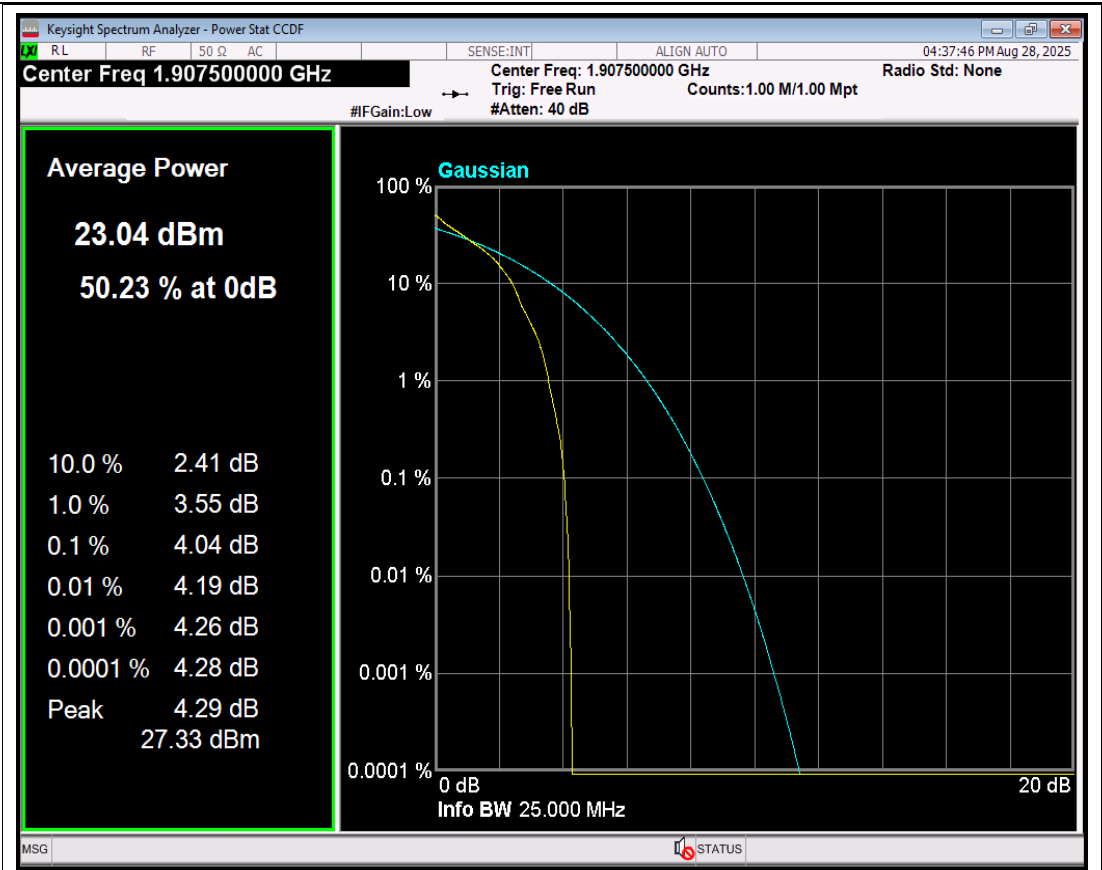
Band2 16QAM BW=5MHz Channel=18625 RB Size=1 Position=#0



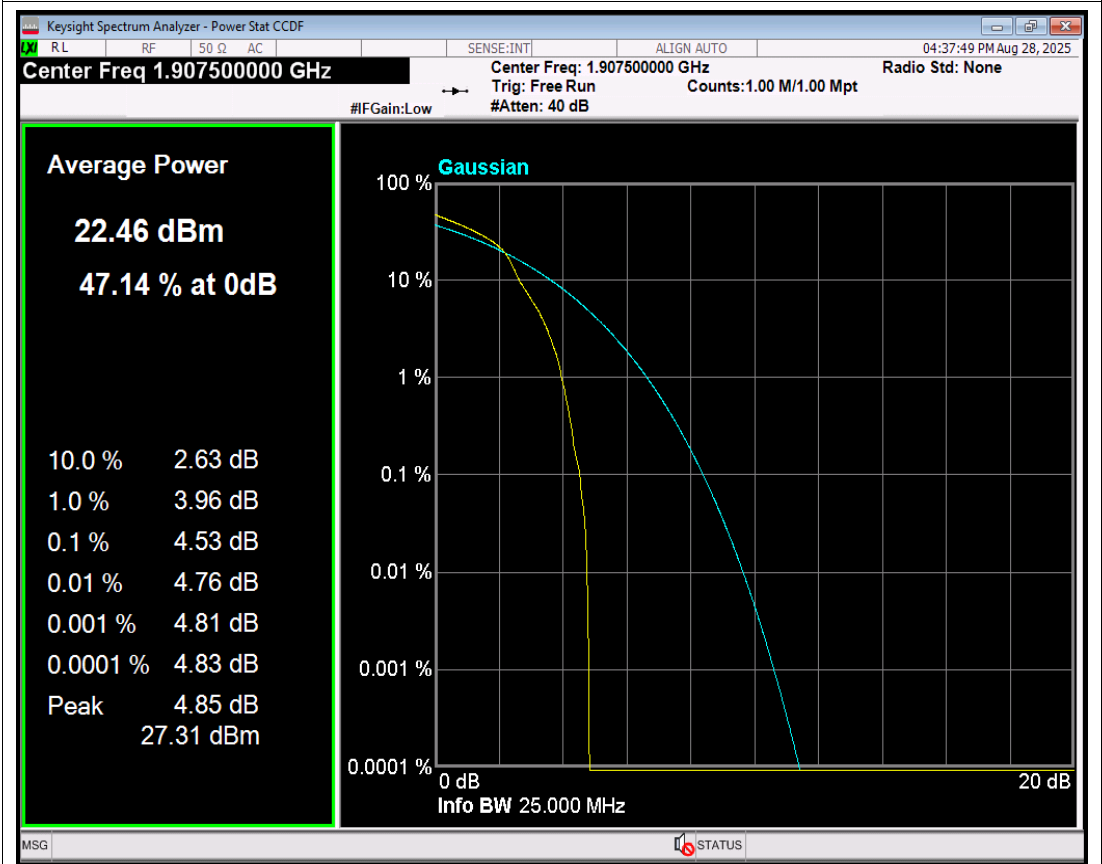
Band2 QPSK BW=5MHz Channel=18900 RB Size=1 Position=#0



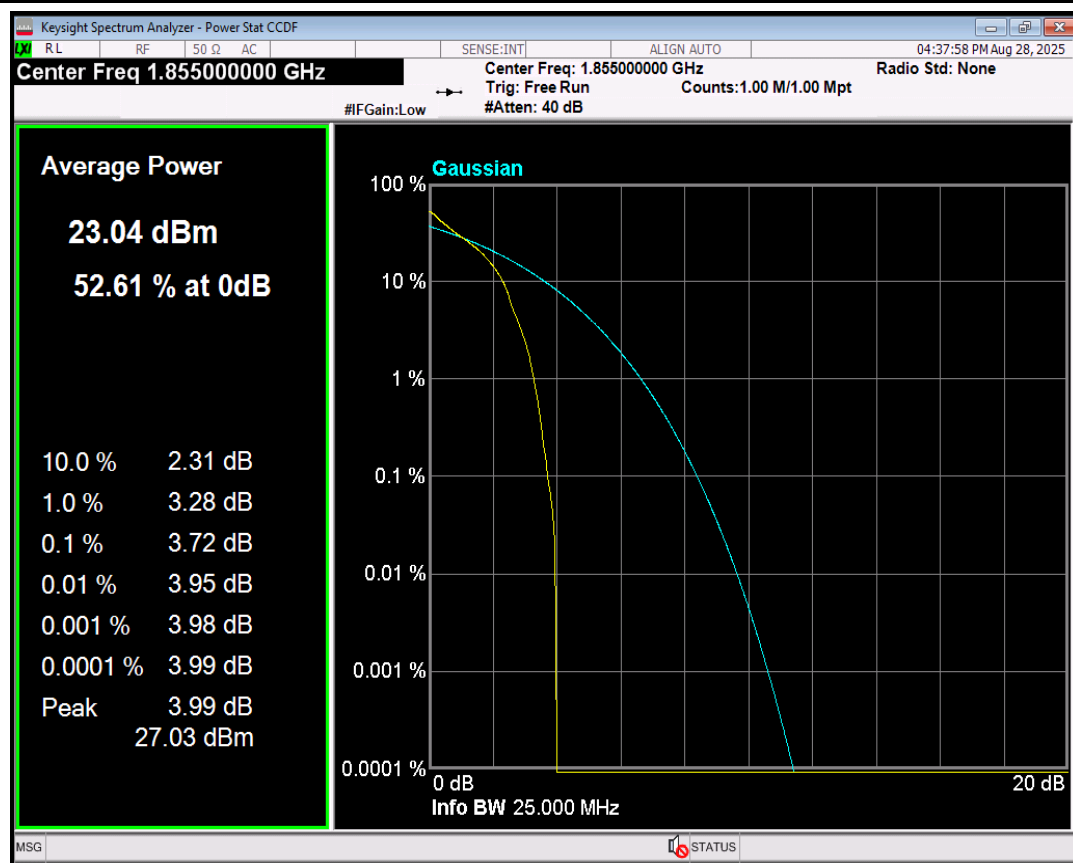
Band2 16QAM BW=5MHz Channel=18900 RB Size=1 Position=#0



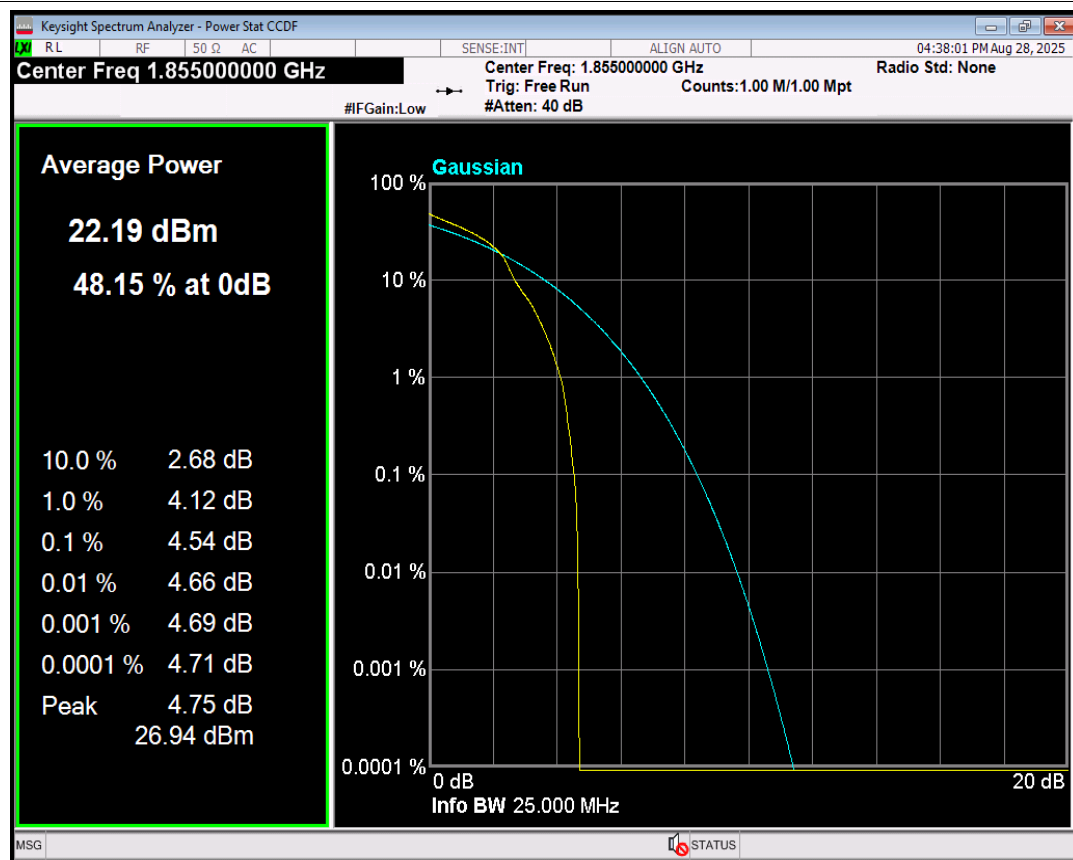
Band2 QPSK BW=5MHz Channel=19175 RB Size=1 Position=#0



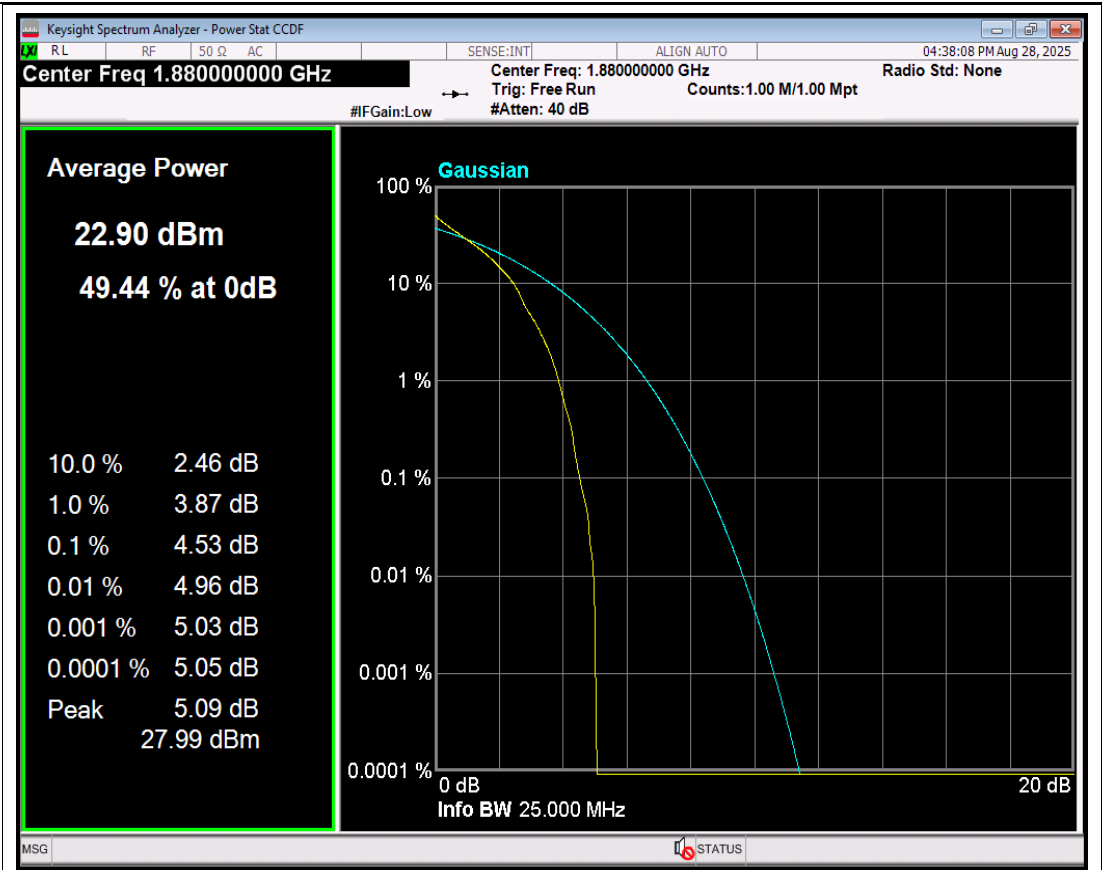
Band2 16QAM BW=5MHz Channel=19175 RB Size=1 Position=#0



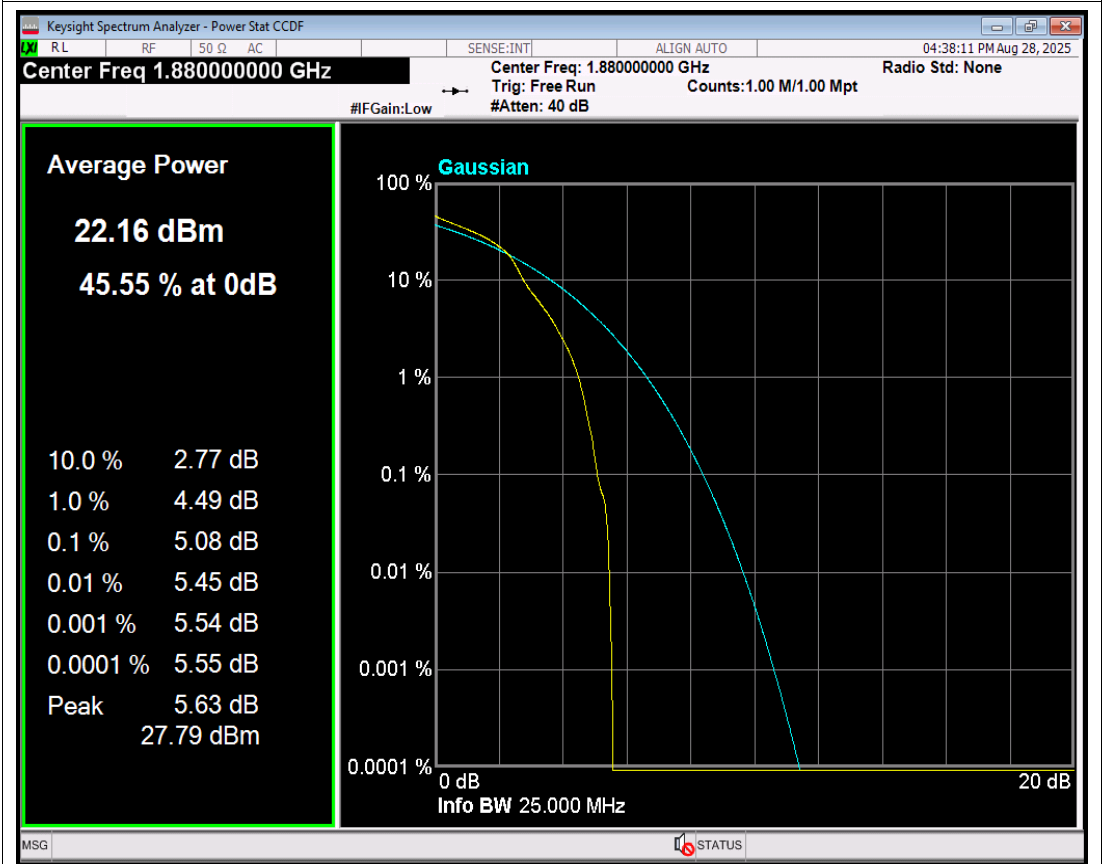
Band2 QPSK BW=10MHz Channel=18650 RB Size=1 Position=#0



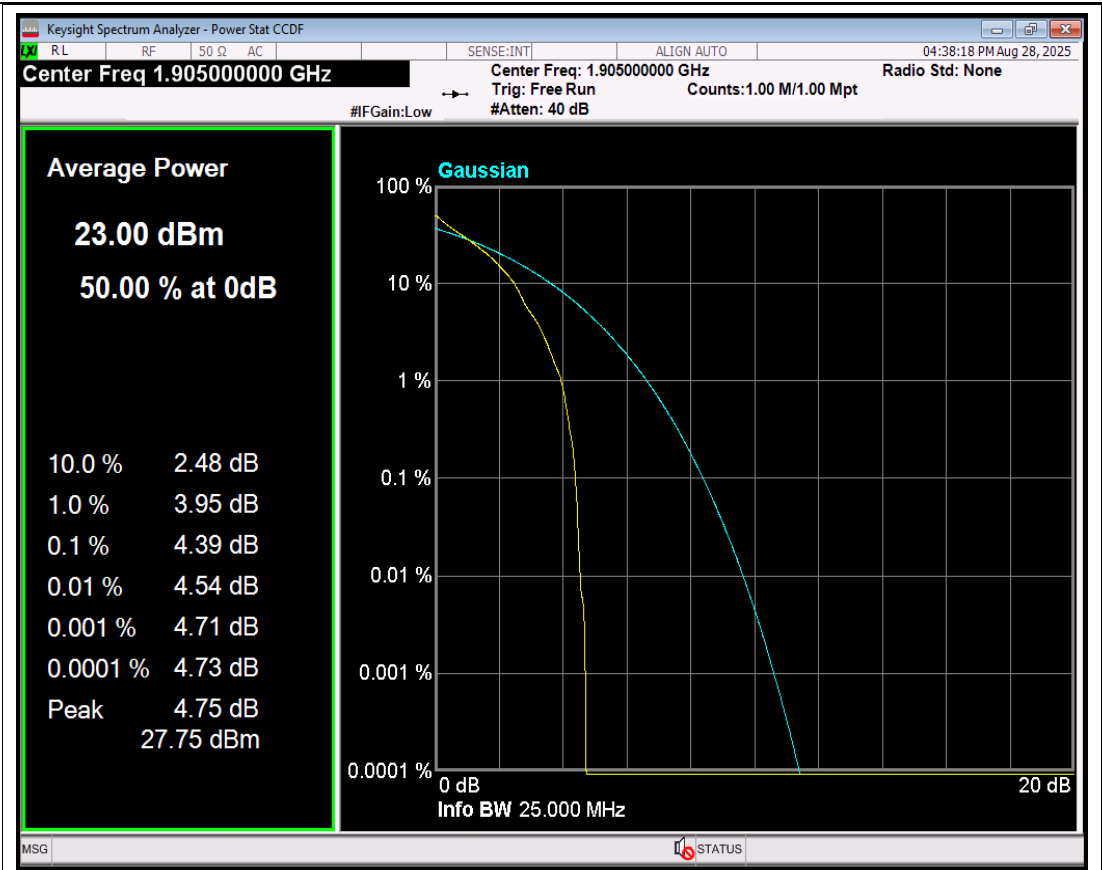
Band2 16QAM BW=10MHz Channel=18650 RB Size=1 Position=#0



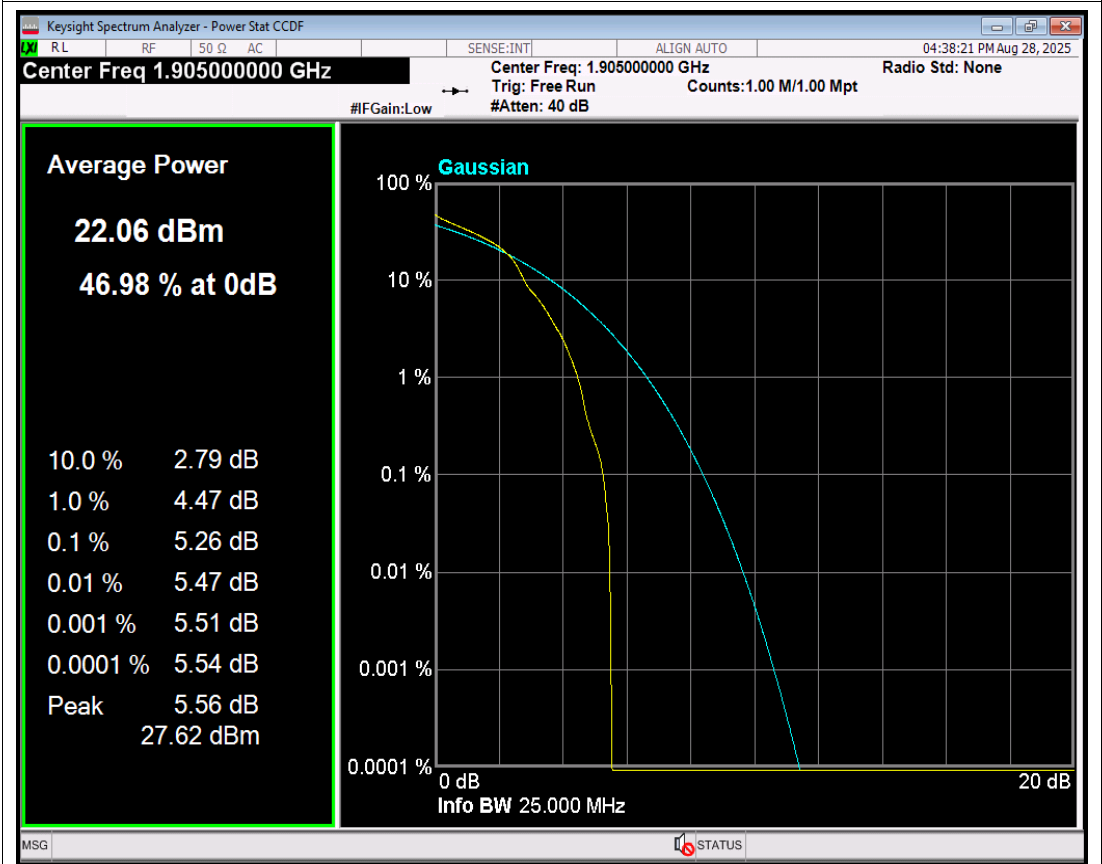
Band2 QPSK BW=10MHz Channel=18900 RB Size=1 Position=#0



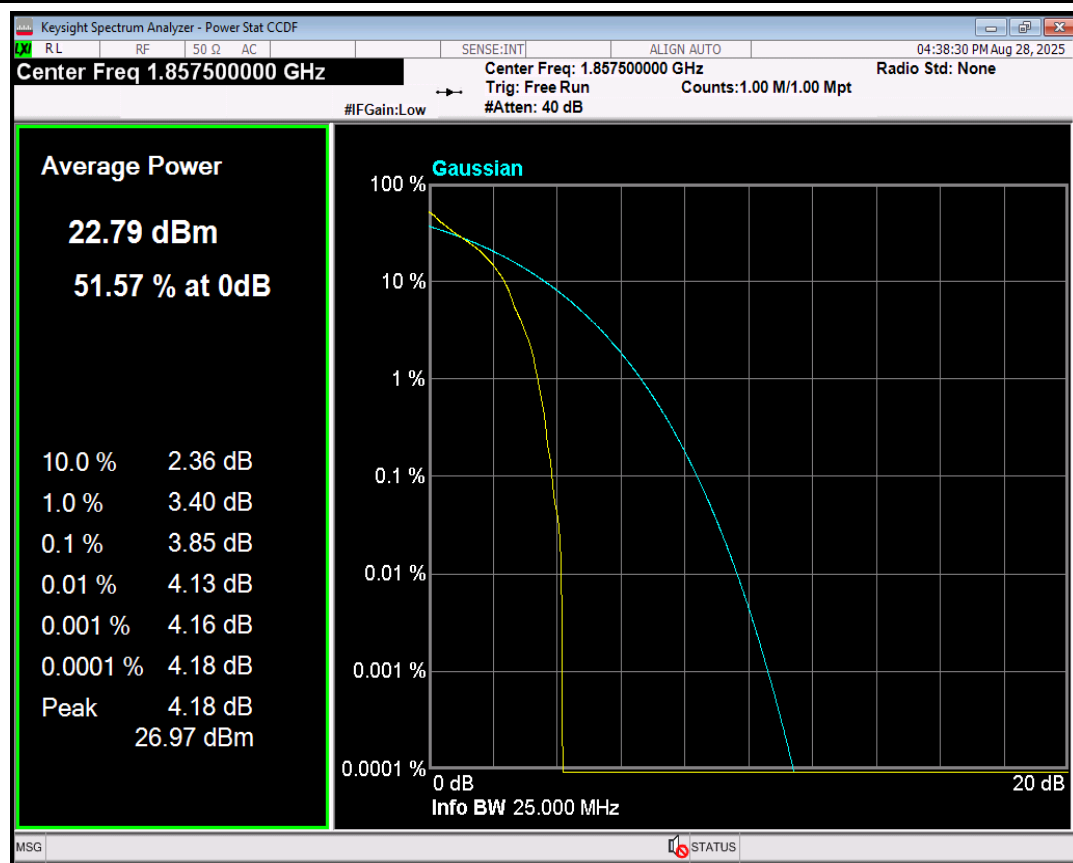
Band2 16QAM BW=10MHz Channel=18900 RB Size=1 Position=#0



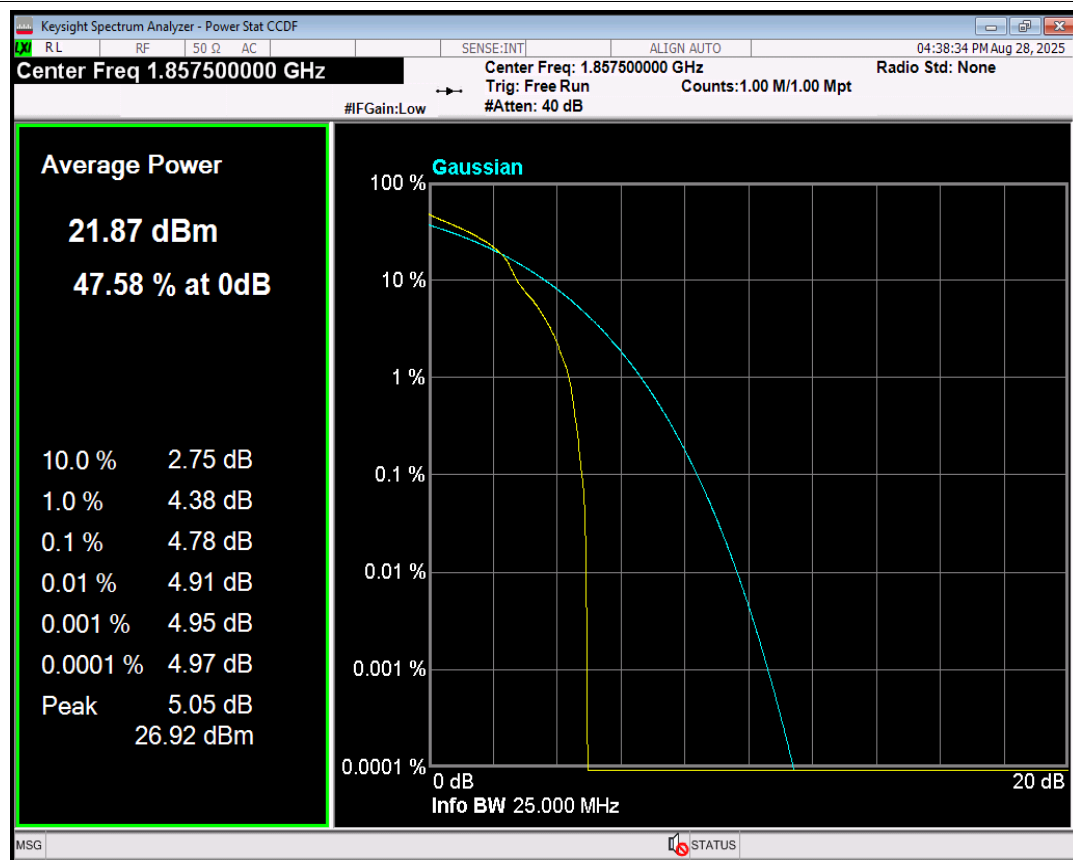
Band2 QPSK BW=10MHz Channel=19150 RB Size=1 Position=#0



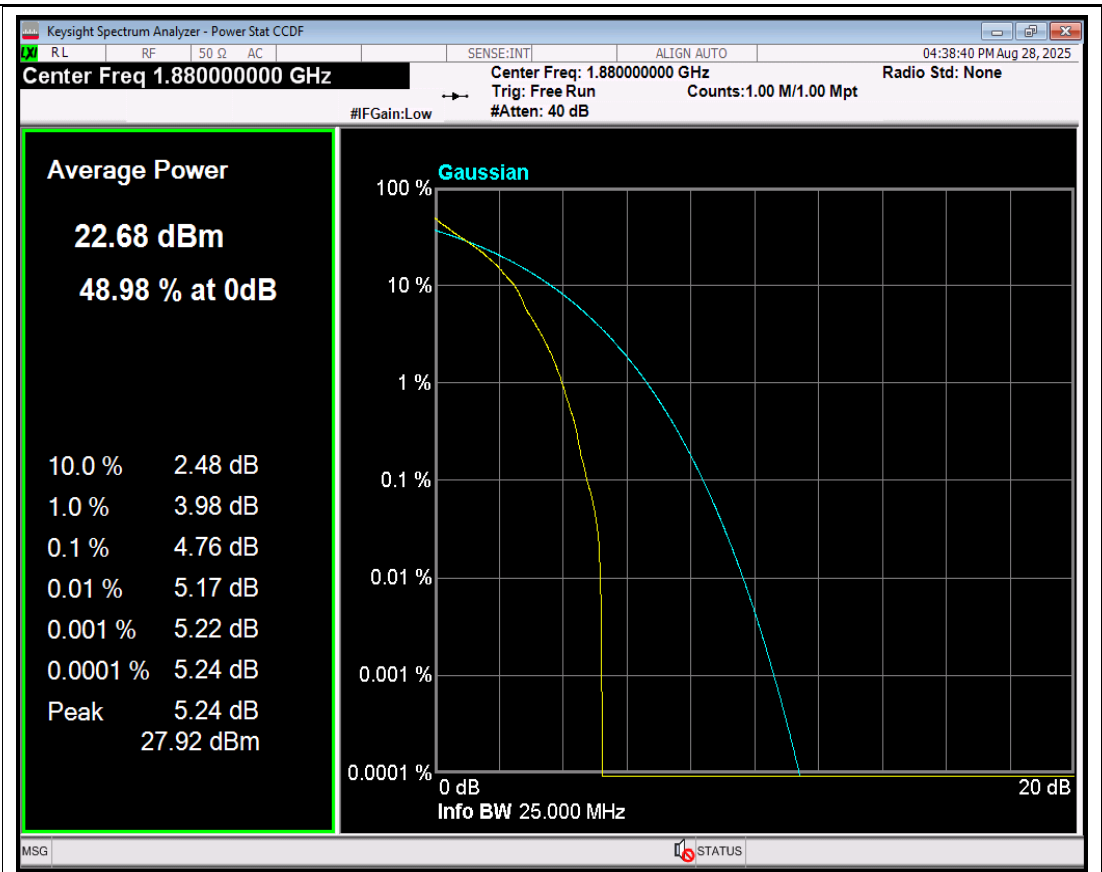
Band2 16QAM BW=10MHz Channel=19150 RB Size=1 Position=#0



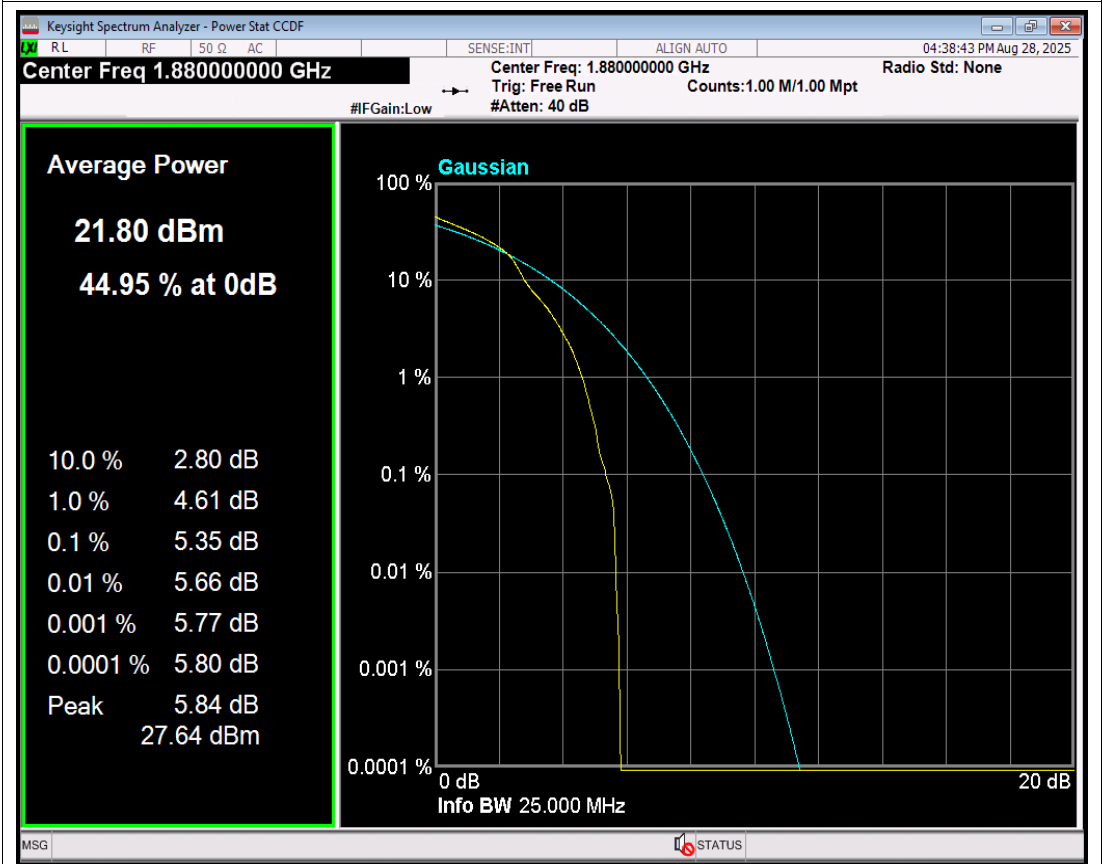
Band2 QPSK BW=15MHz Channel=18675 RB Size=1 Position=#0



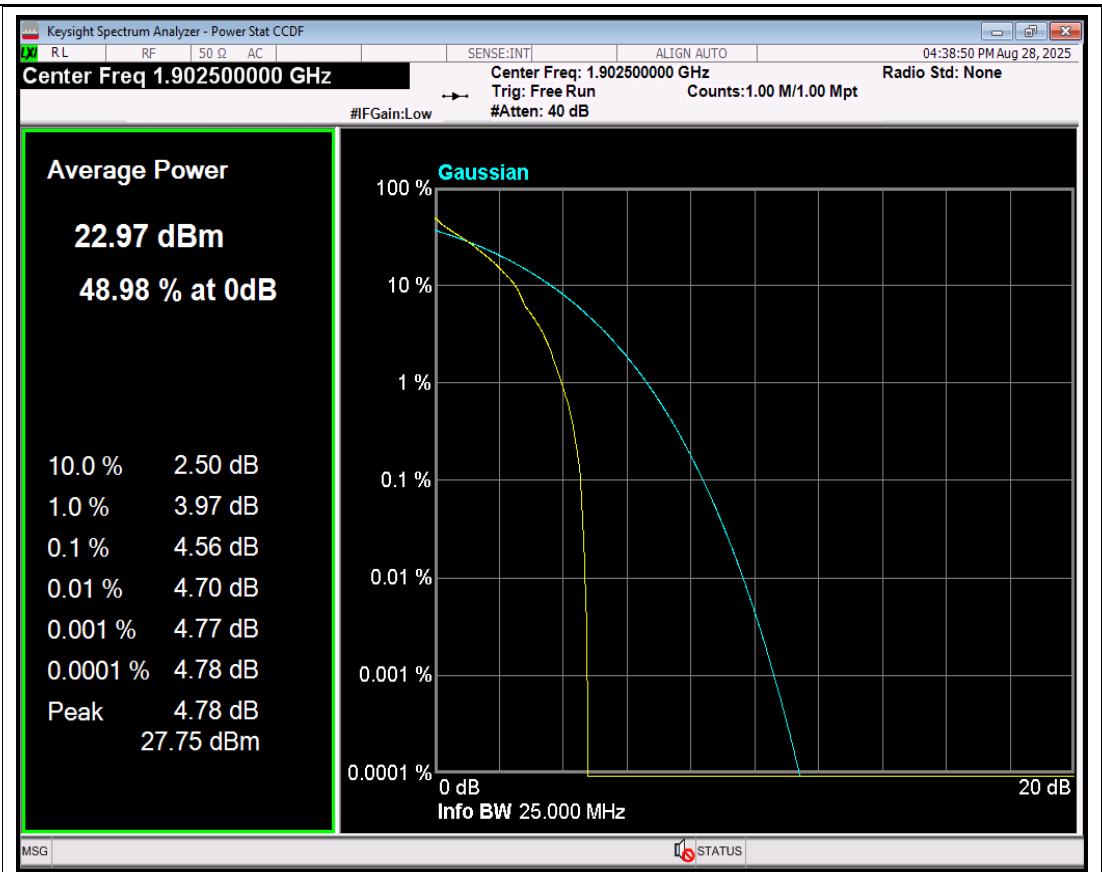
Band2 16QAM BW=15MHz Channel=18675 RB Size=1 Position=#0



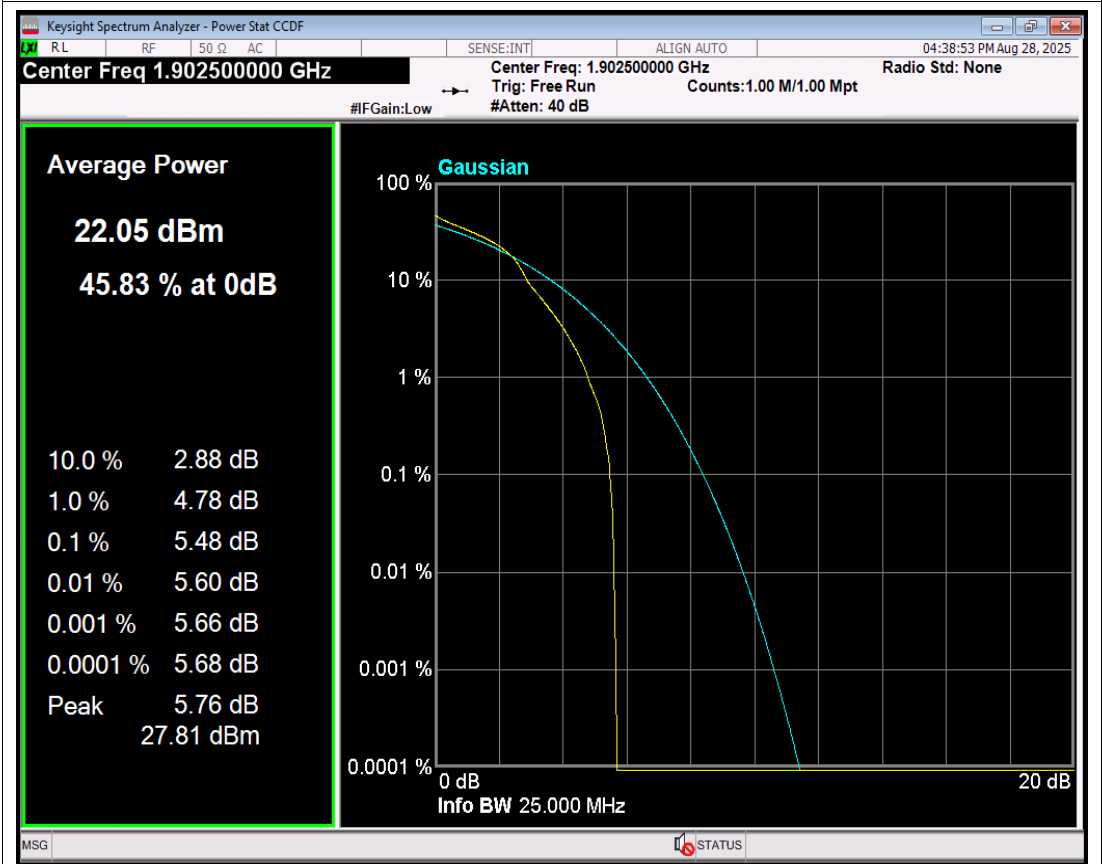
Band2 QPSK BW=15MHz Channel=18900 RB Size=1 Position=#0



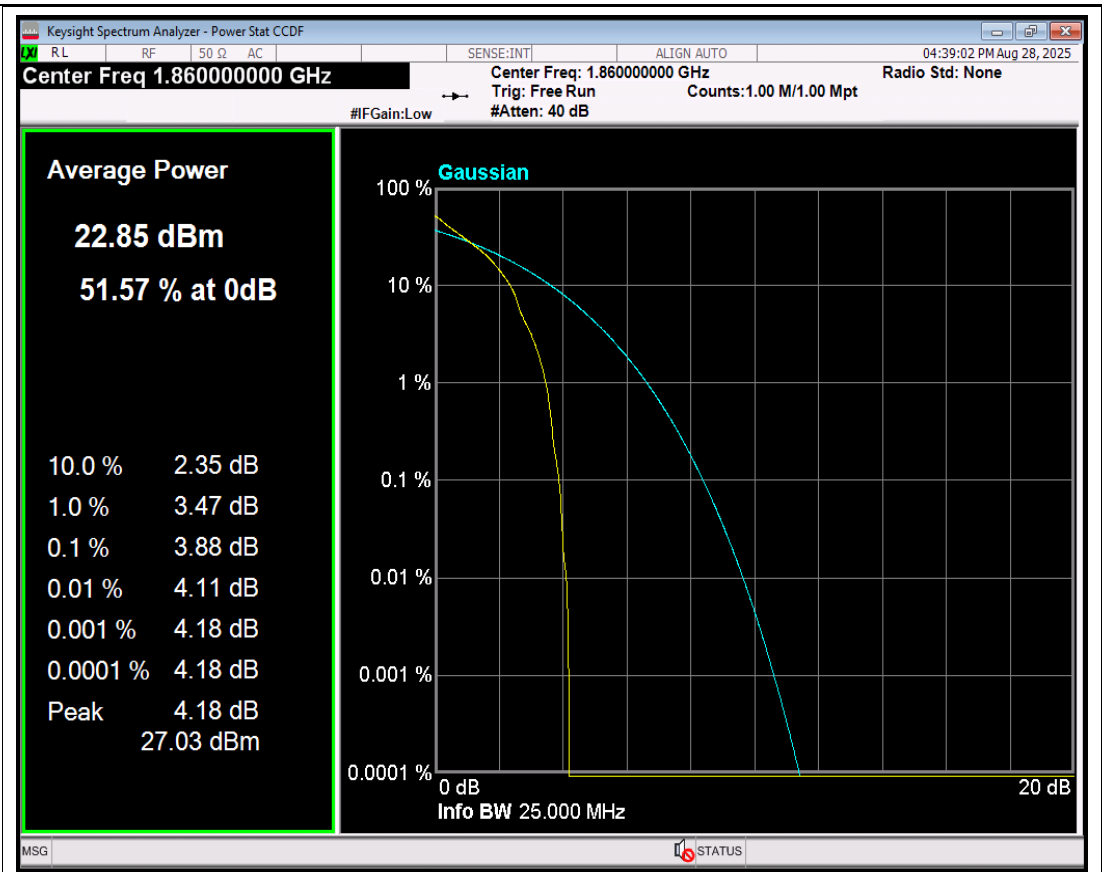
Band2 16QAM BW=15MHz Channel=18900 RB Size=1 Position=#0



Band2 QPSK BW=15MHz Channel=19125 RB Size=1 Position=#0



Band2 16QAM BW=15MHz Channel=19125 RB Size=1 Position=#0



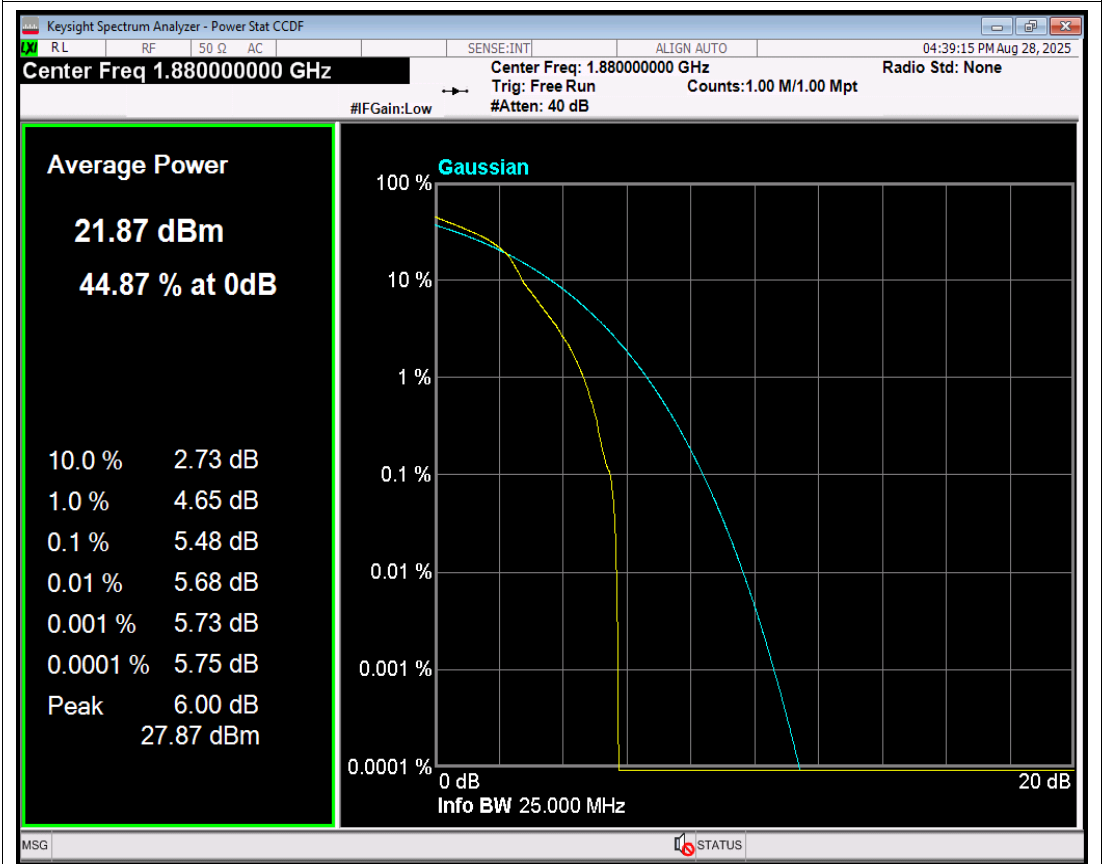
Band2 QPSK BW=20MHz Channel=18700 RB Size=1 Position=#0



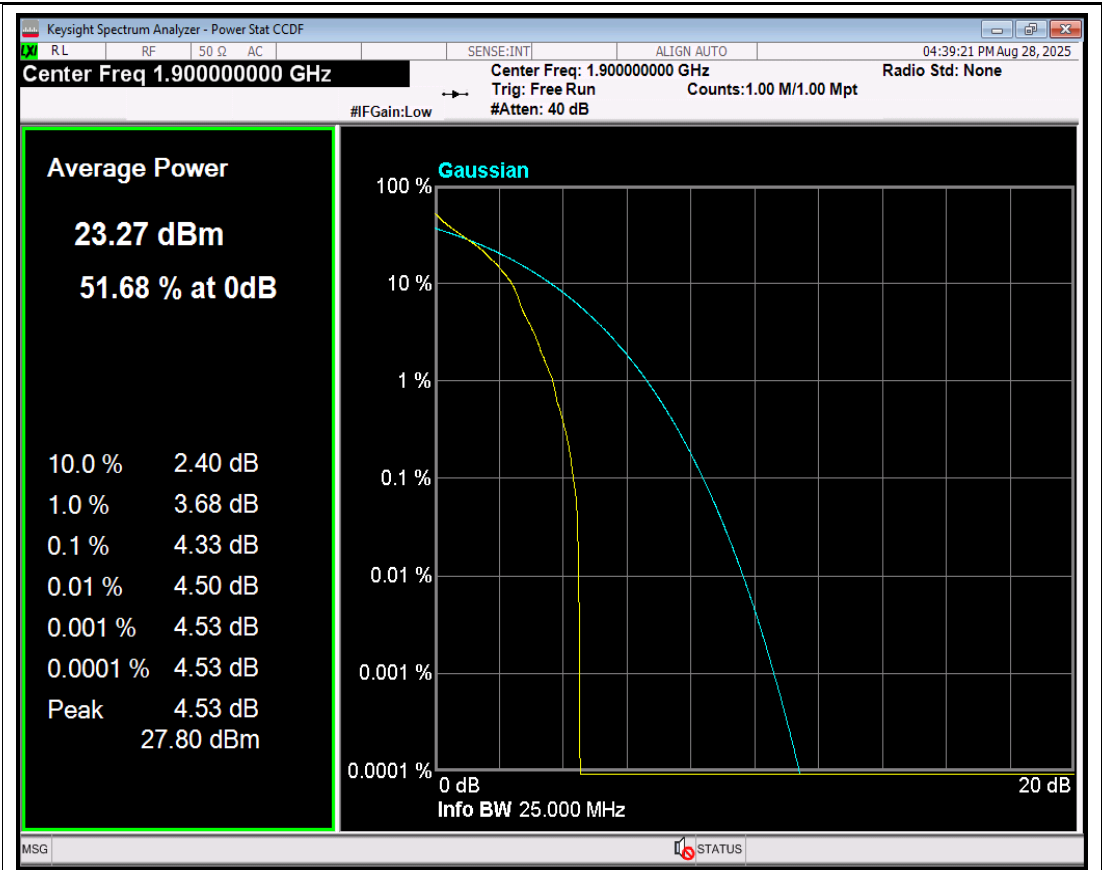
Band2 16QAM BW=20MHz Channel=18700 RB Size=1 Position=#0



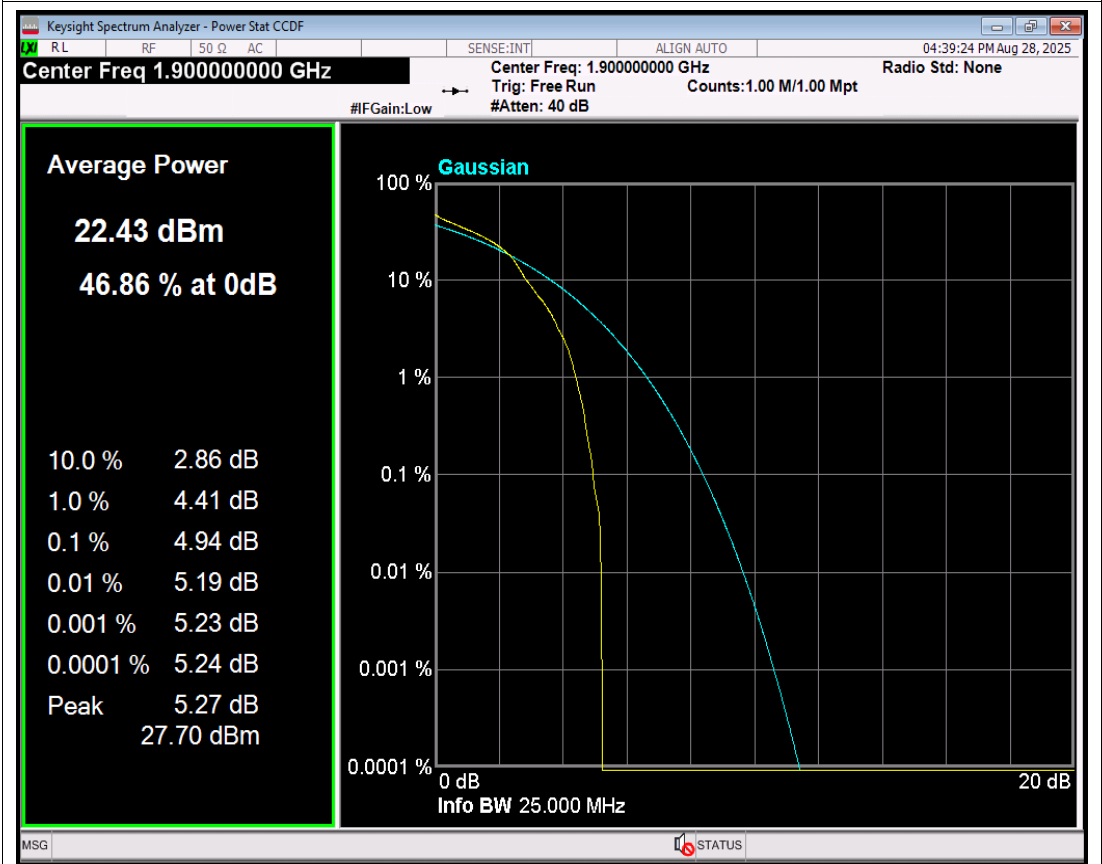
Band2 QPSK BW=20MHz Channel=18900 RB Size=1 Position=#0



Band2 16QAM BW=20MHz Channel=18900 RB Size=1 Position=#0



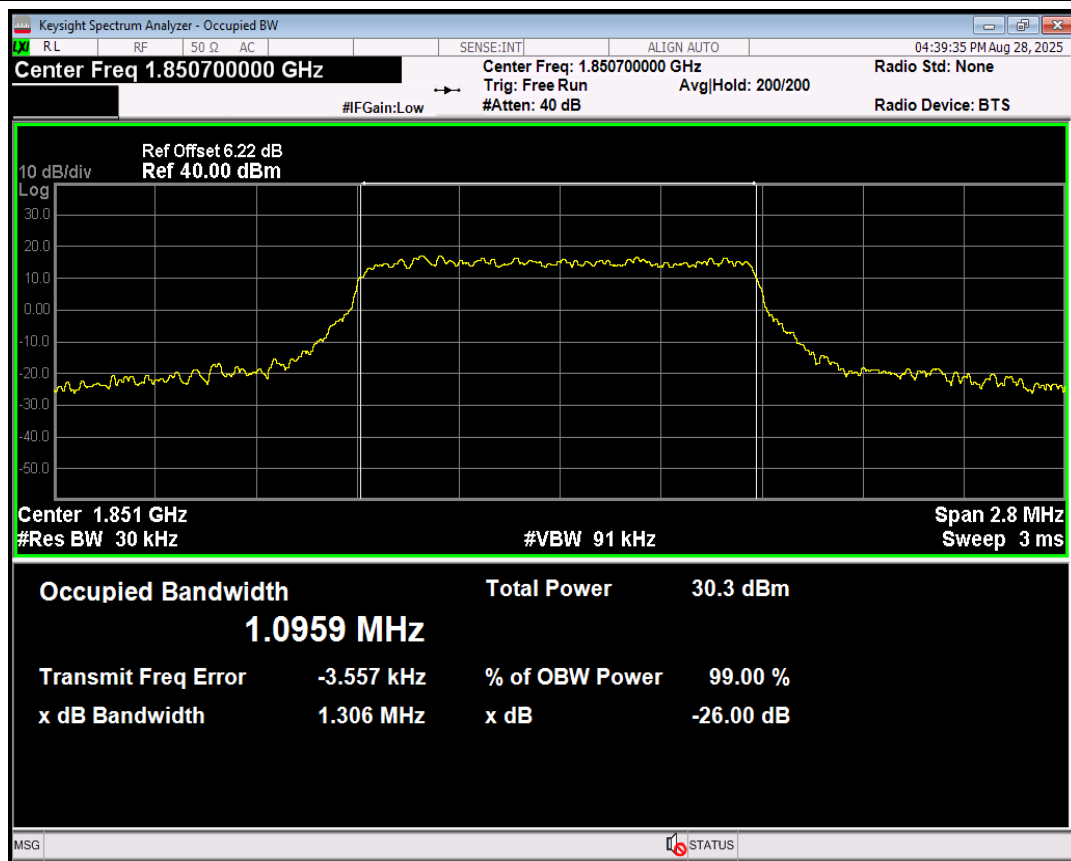
Band2 QPSK BW=20MHz Channel=19100 RB Size=1 Position=#0



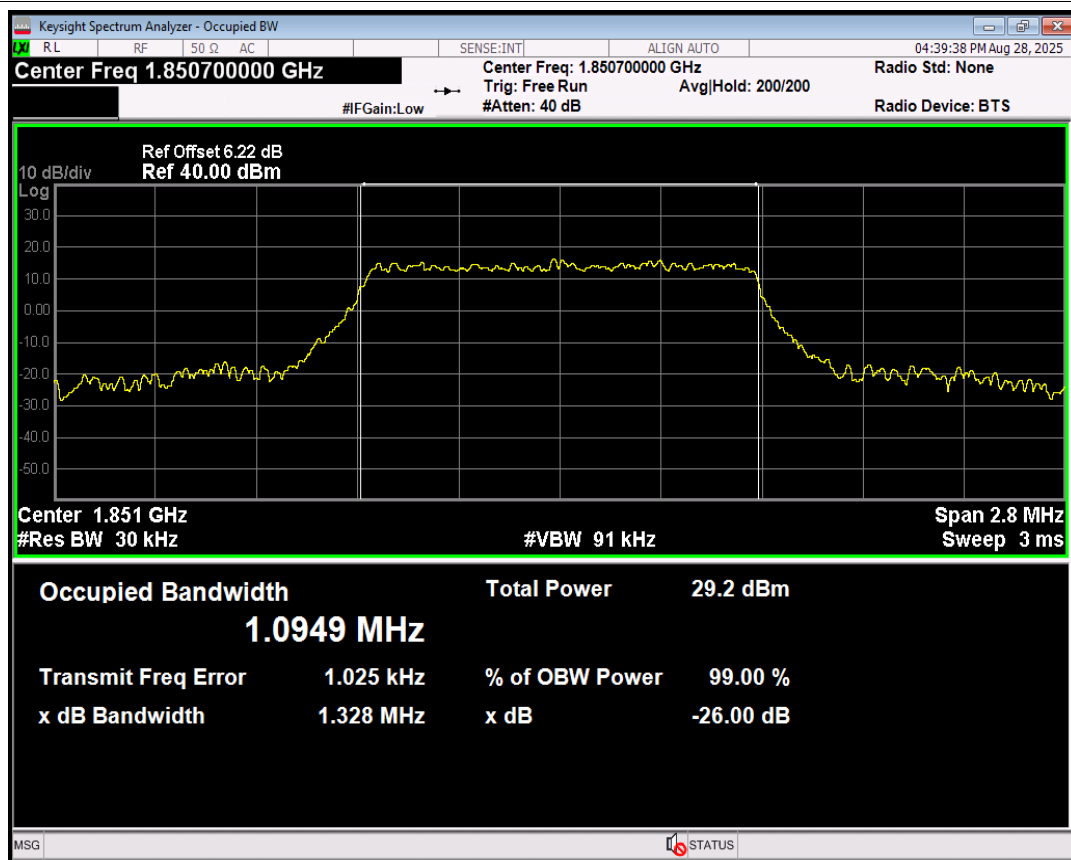
Band2 16QAM BW=20MHz Channel=19100 RB Size=1 Position=#0

Occupied bandwidth

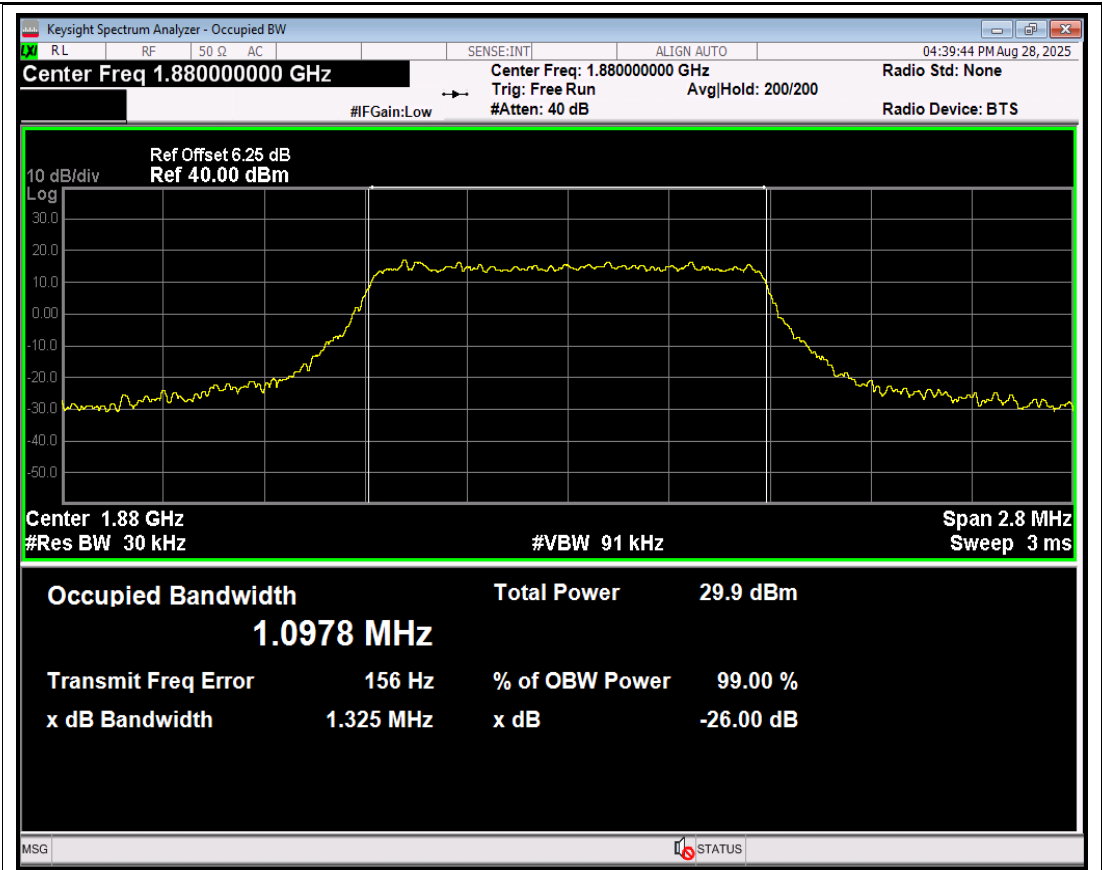
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band2	1.4	18607	6	#0	QPSK	1.096	1.306	PASS
Band2	1.4	18607	6	#0	16QAM	1.095	1.328	PASS
Band2	1.4	18900	6	#0	QPSK	1.098	1.325	PASS
Band2	1.4	18900	6	#0	16QAM	1.099	1.344	PASS
Band2	1.4	19193	6	#0	QPSK	1.094	1.315	PASS
Band2	1.4	19193	6	#0	16QAM	1.101	1.329	PASS
Band2	3	18615	15	#0	QPSK	2.708	3.172	PASS
Band2	3	18615	15	#0	16QAM	2.714	3.125	PASS
Band2	3	18900	15	#0	QPSK	2.707	3.175	PASS
Band2	3	18900	15	#0	16QAM	2.704	3.126	PASS
Band2	3	19185	15	#0	QPSK	2.706	3.120	PASS
Band2	3	19185	15	#0	16QAM	2.711	3.157	PASS
Band2	5	18625	25	#0	QPSK	4.530	5.578	PASS
Band2	5	18625	25	#0	16QAM	4.524	5.418	PASS
Band2	5	18900	25	#0	QPSK	4.524	5.403	PASS
Band2	5	18900	25	#0	16QAM	4.526	5.287	PASS
Band2	5	19175	25	#0	QPSK	4.532	5.488	PASS
Band2	5	19175	25	#0	16QAM	4.535	5.468	PASS
Band2	10	18650	50	#0	QPSK	9.004	10.406	PASS
Band2	10	18900	50	#0	QPSK	9.000	10.558	PASS
Band2	10	19150	50	#0	QPSK	8.987	10.276	PASS
Band2	15	18675	75	#0	QPSK	13.505	15.609	PASS
Band2	15	18900	75	#0	QPSK	13.444	15.687	PASS
Band2	15	19125	75	#0	QPSK	13.448	15.278	PASS
Band2	20	18700	100	#0	QPSK	17.934	20.214	PASS
Band2	20	18900	100	#0	QPSK	17.927	20.031	PASS
Band2	20	19100	100	#0	QPSK	17.963	20.221	PASS



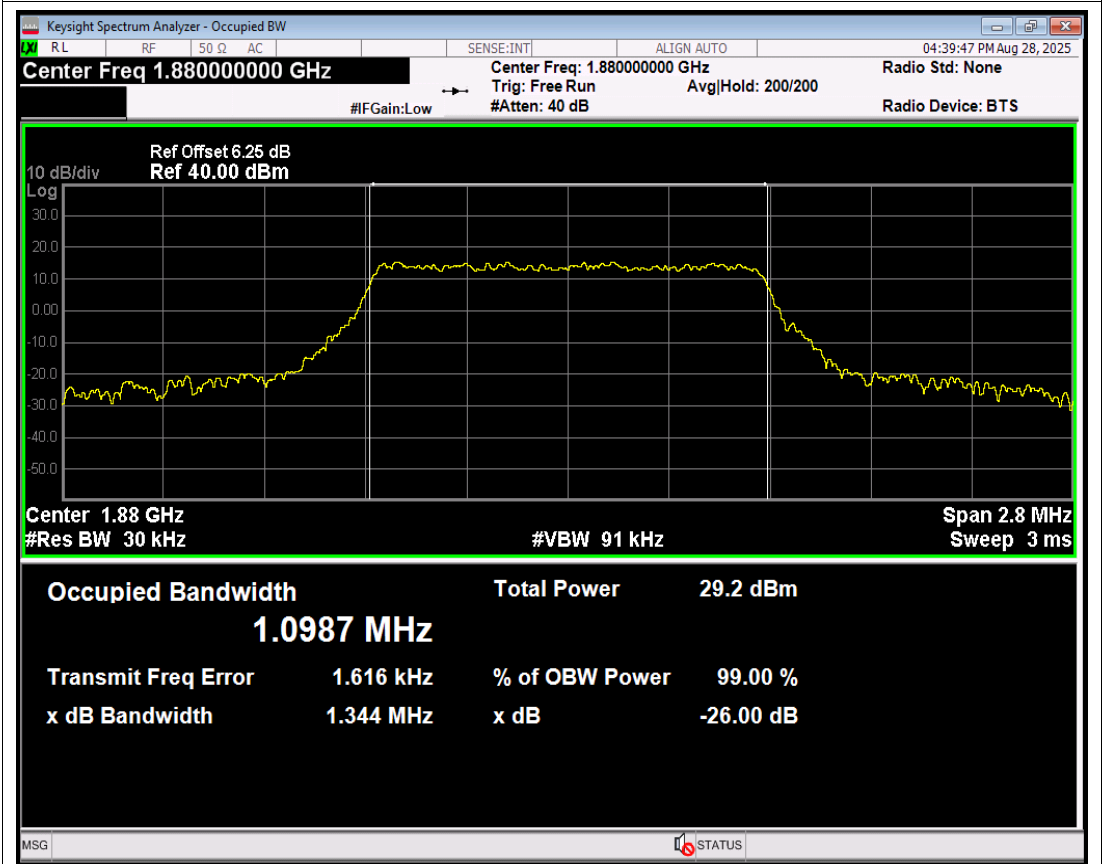
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0



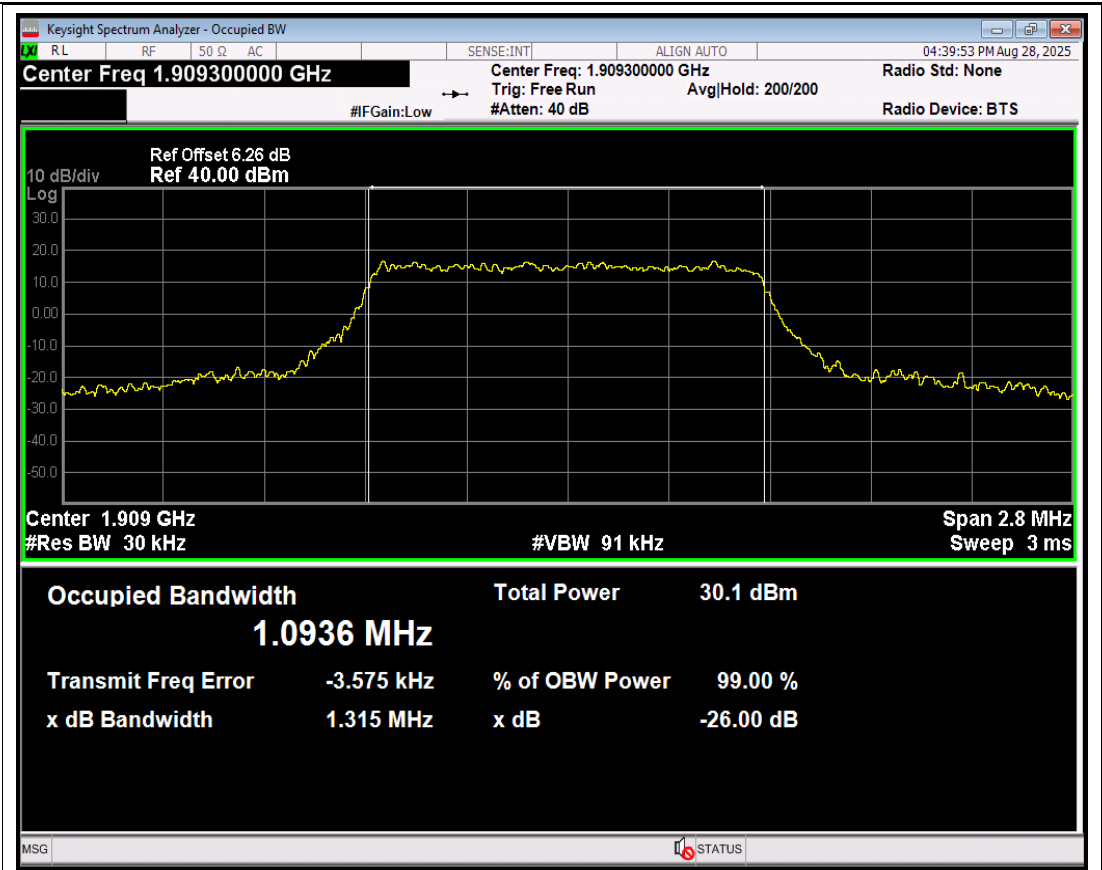
Band2 16QAM BW=1.4MHz Channel=18607 RB Size=6 Position=#0



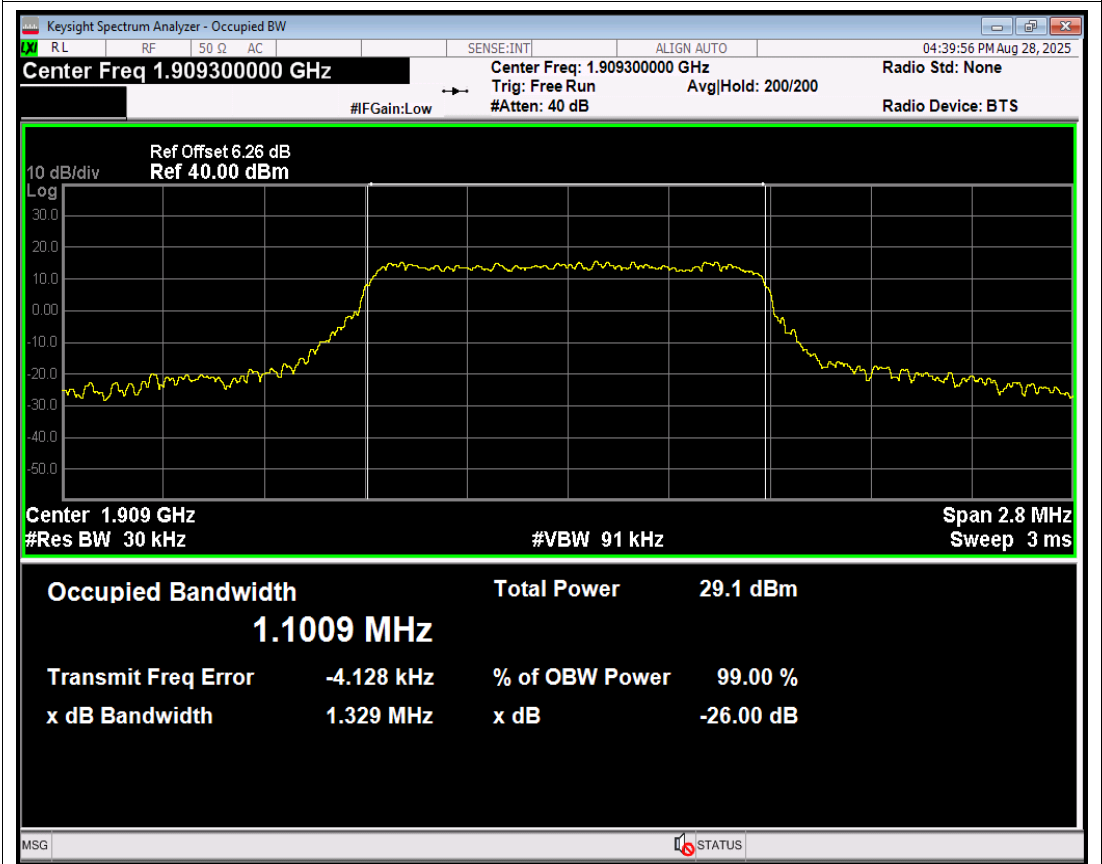
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0



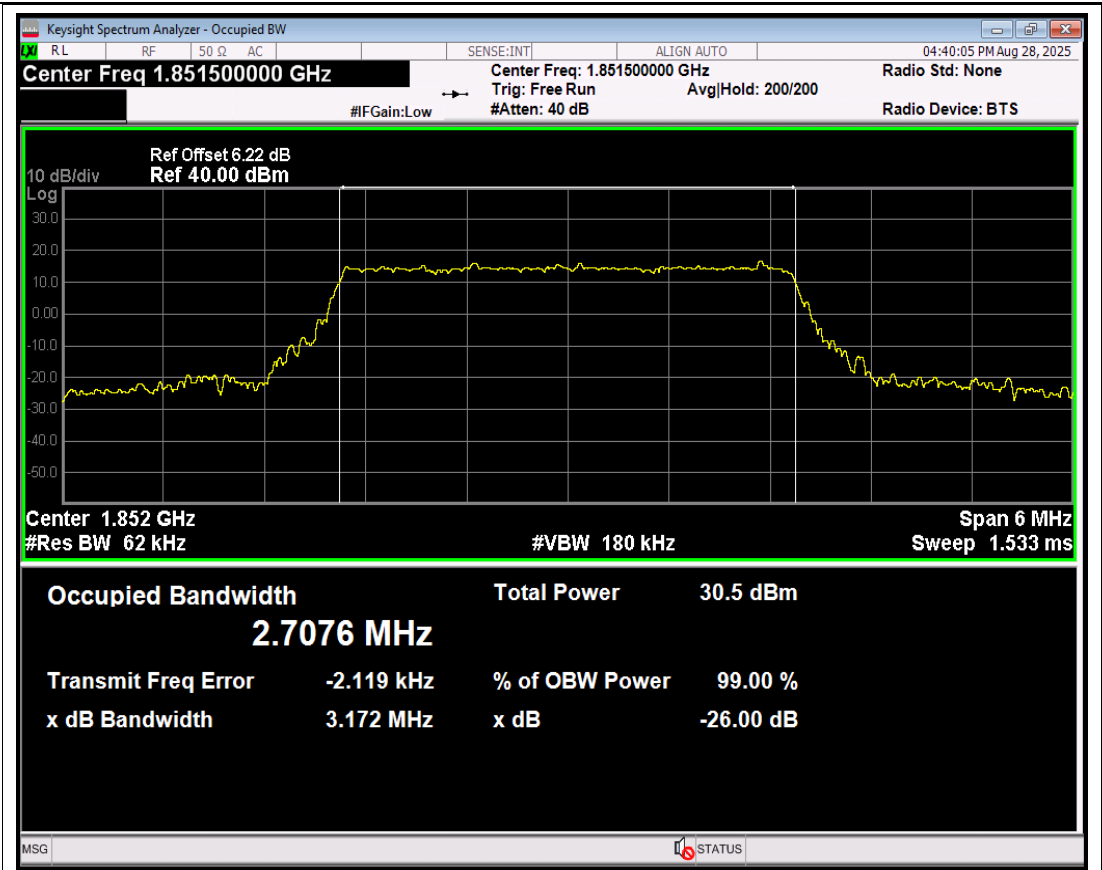
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=6 Position=#0



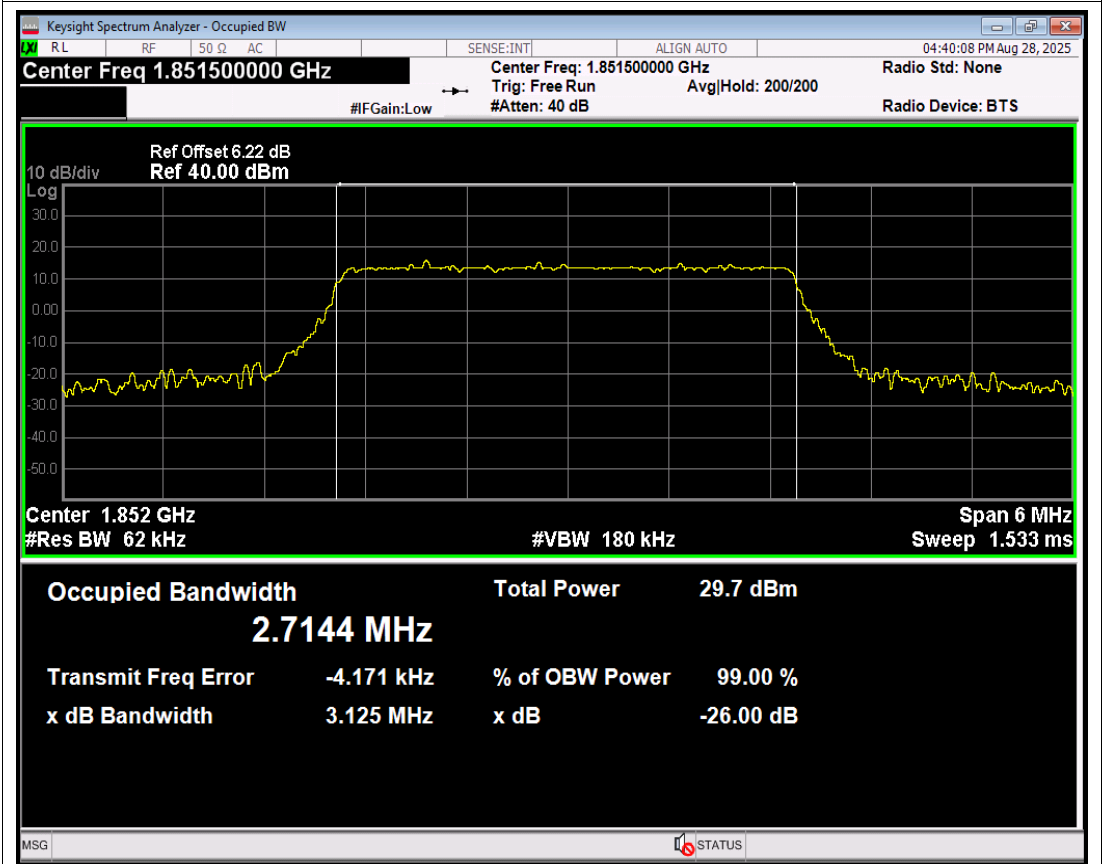
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0



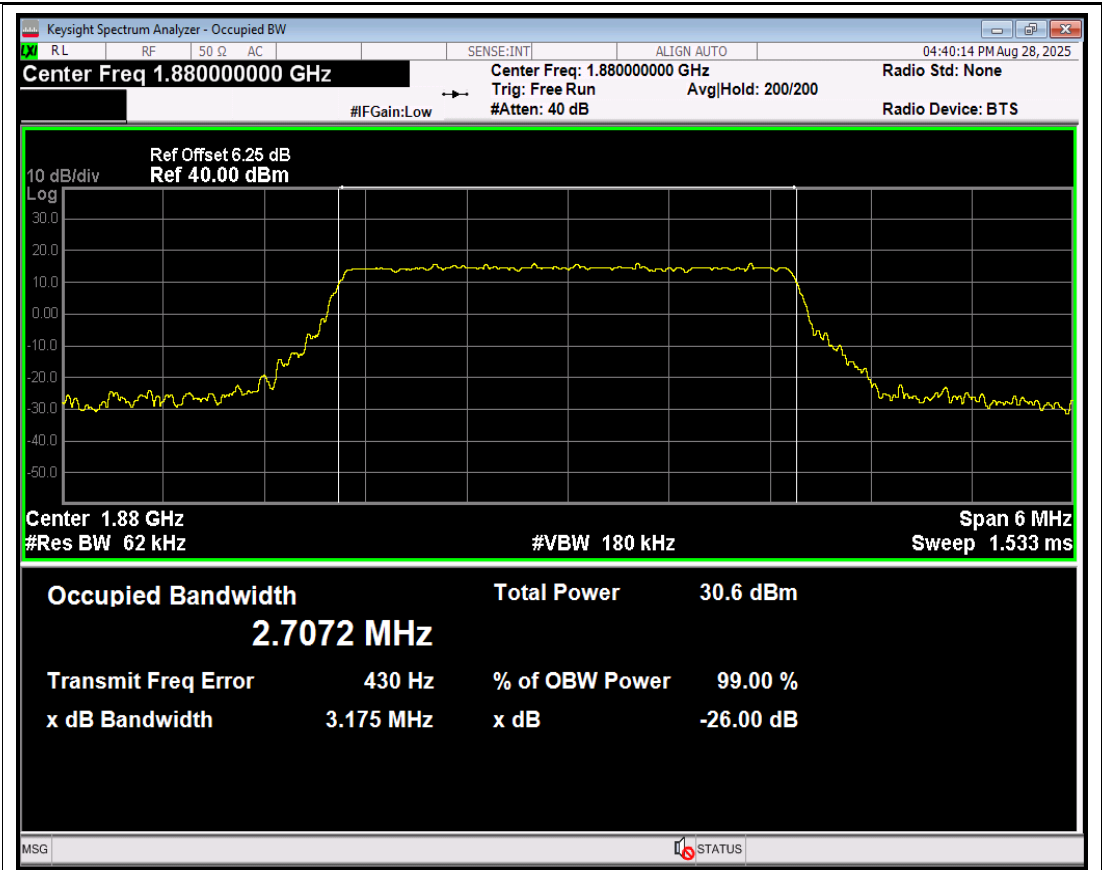
Band2 16QAM BW=1.4MHz Channel=19193 RB Size=6 Position=#0



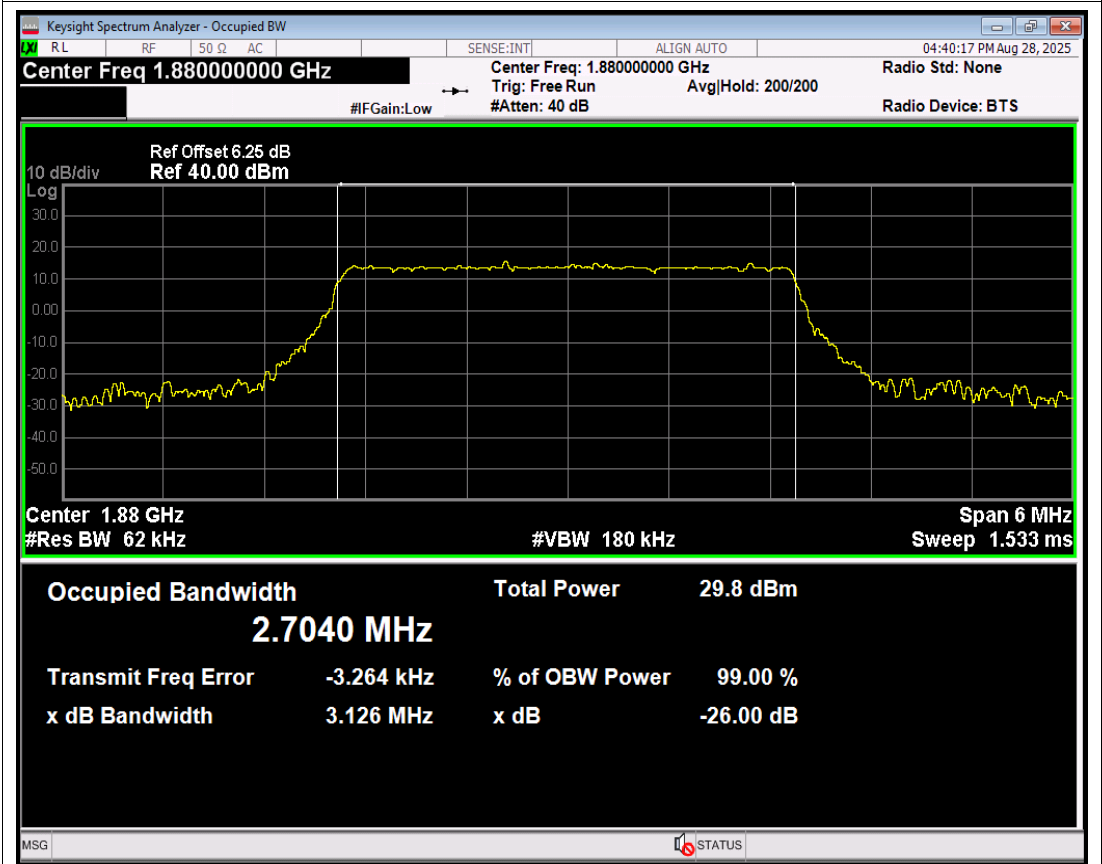
Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0



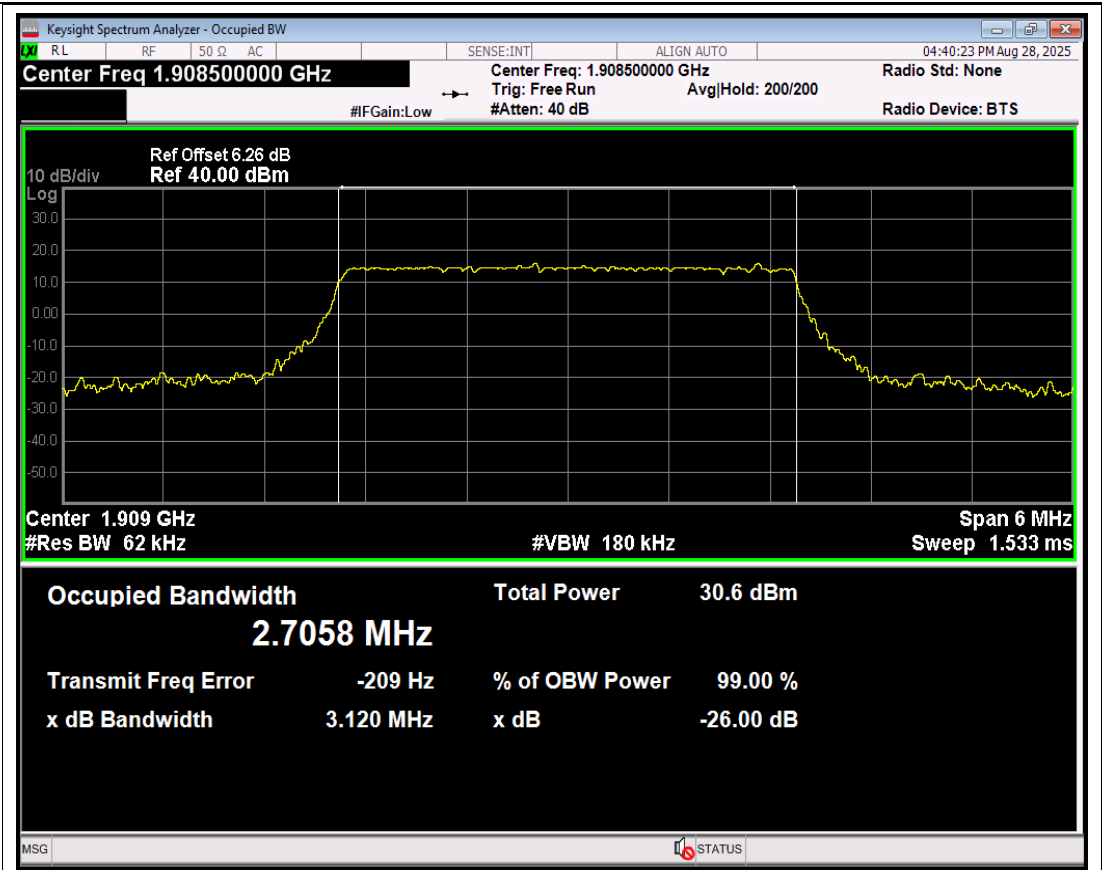
Band2 16QAM BW=3MHz Channel=18615 RB Size=15 Position=#0



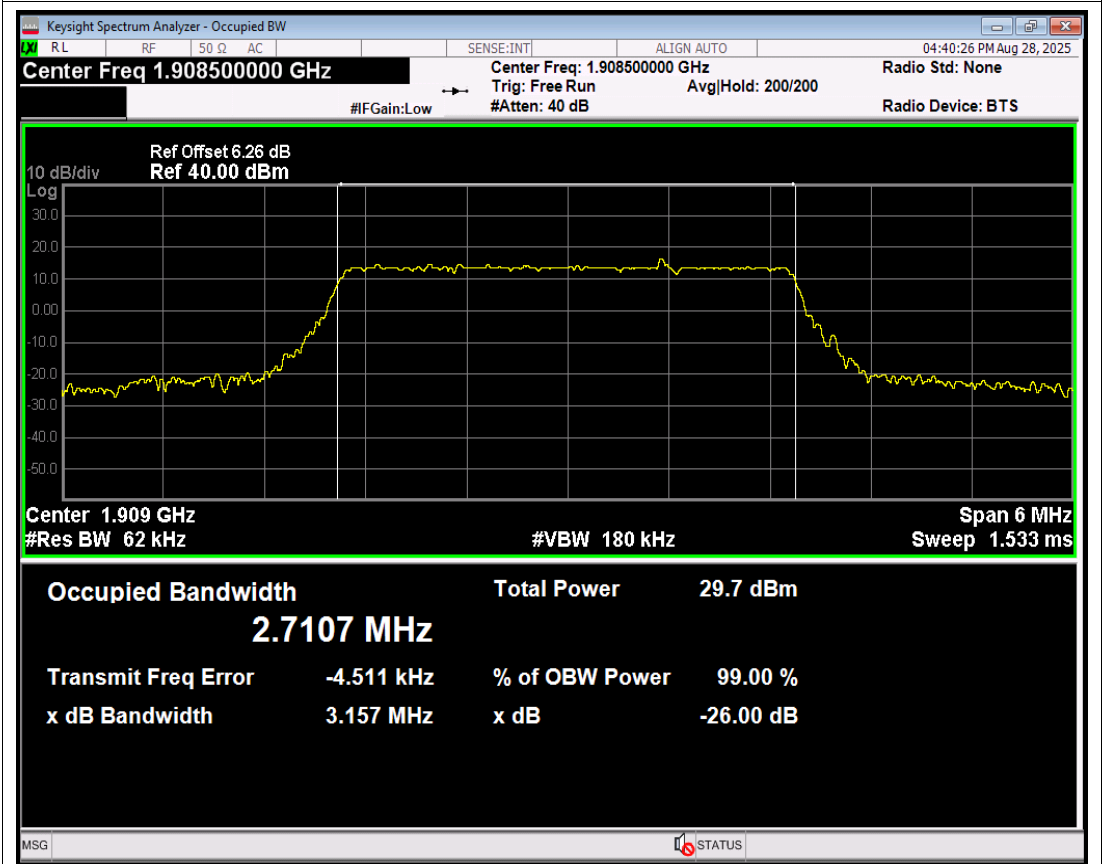
Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0



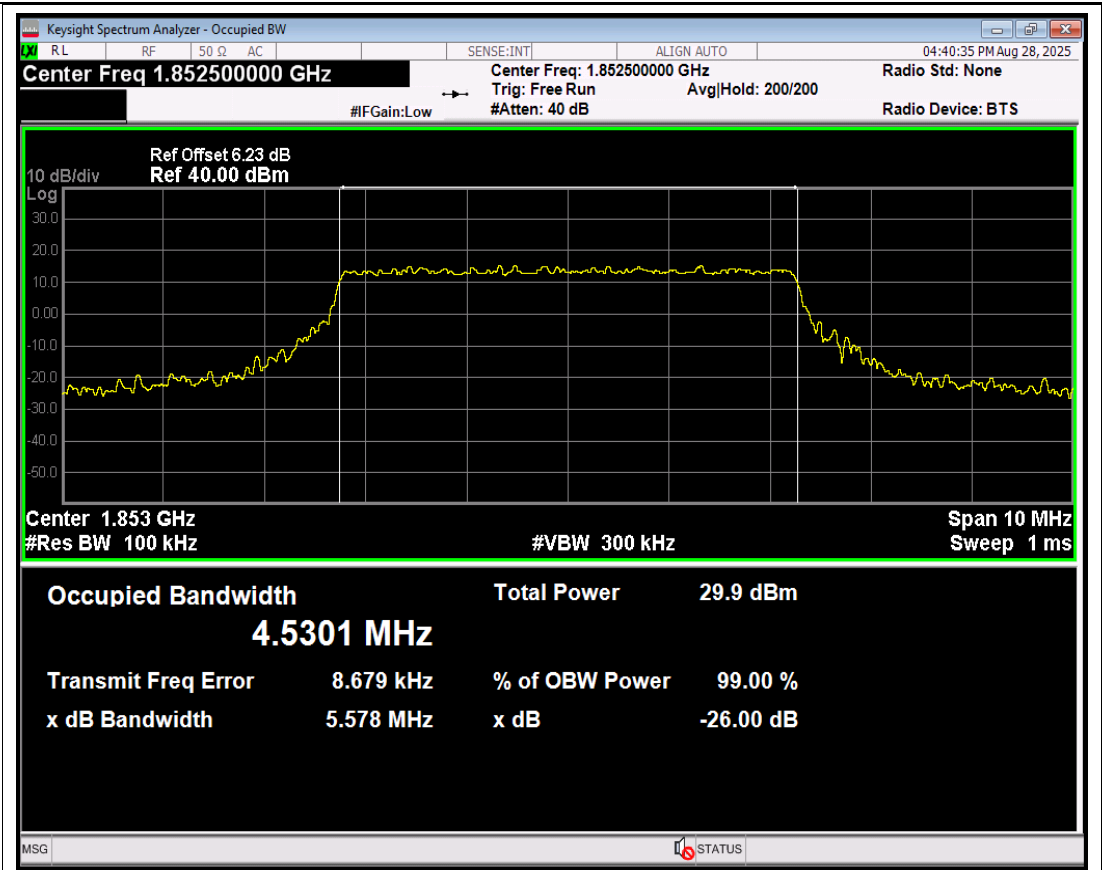
Band2 16QAM BW=3MHz Channel=18900 RB Size=15 Position=#0



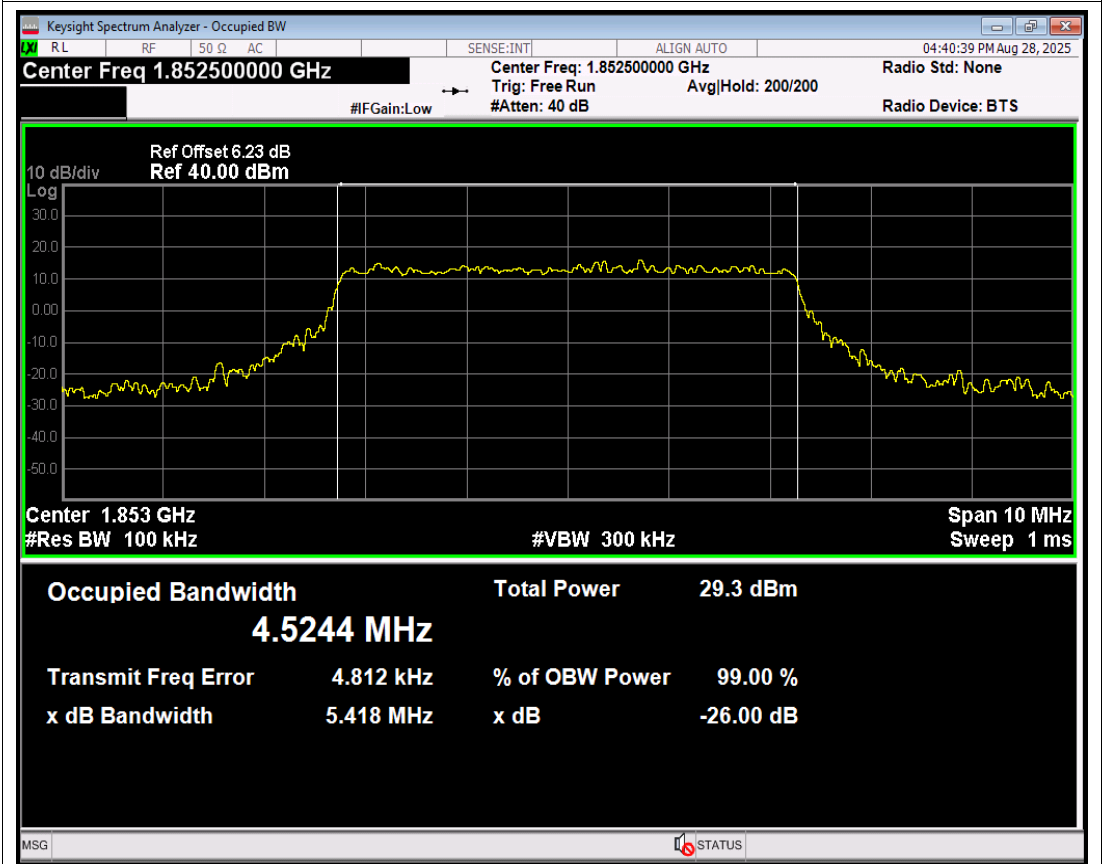
Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



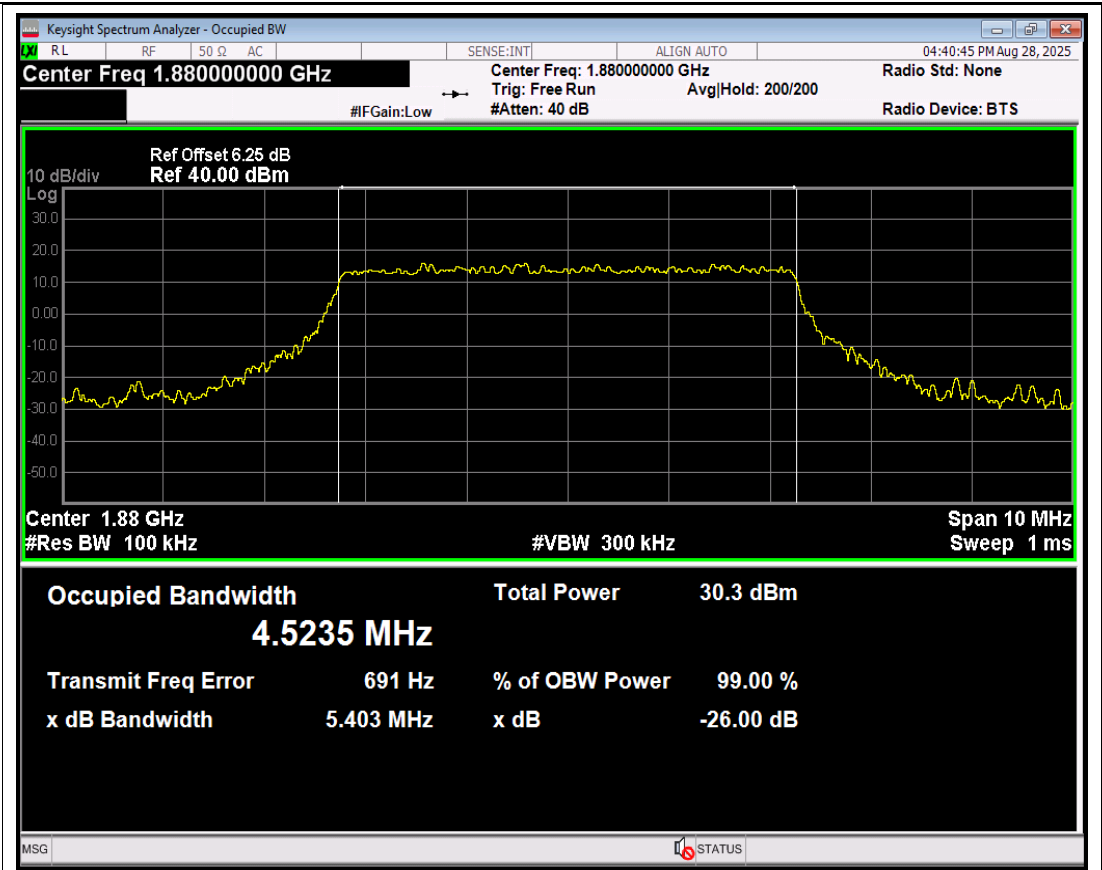
Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0



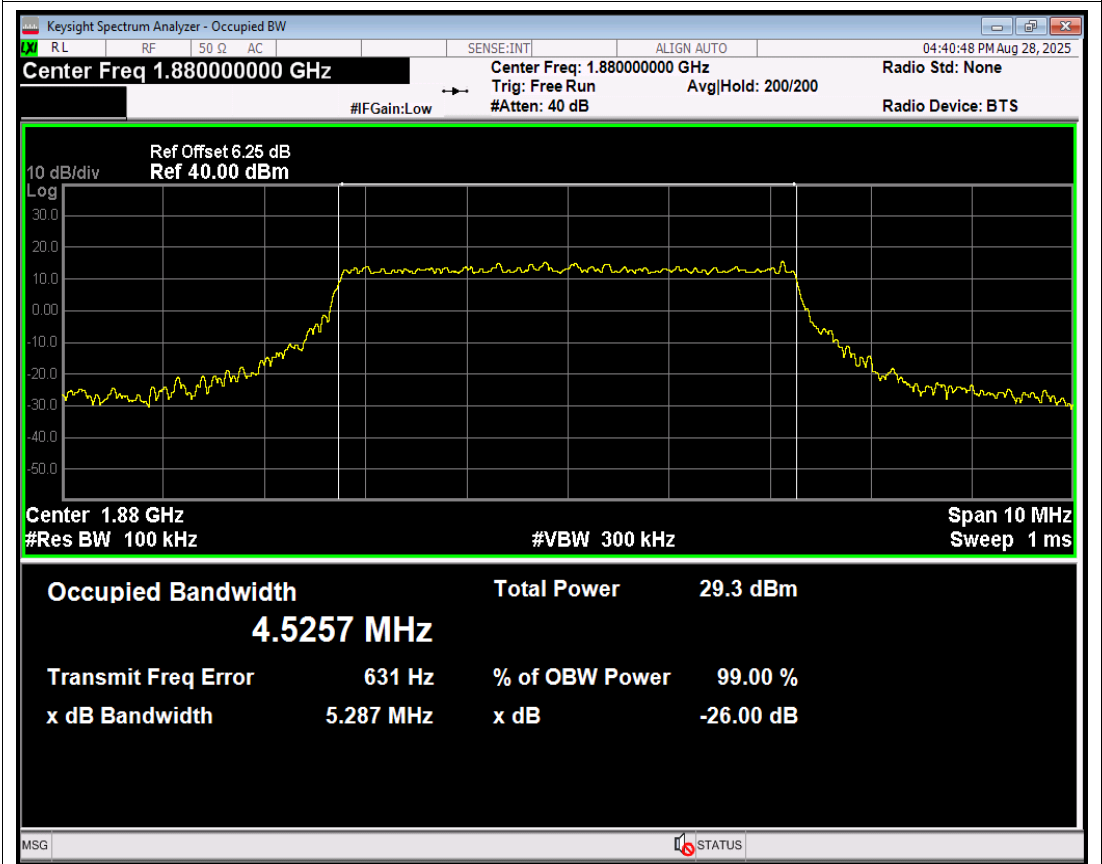
Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



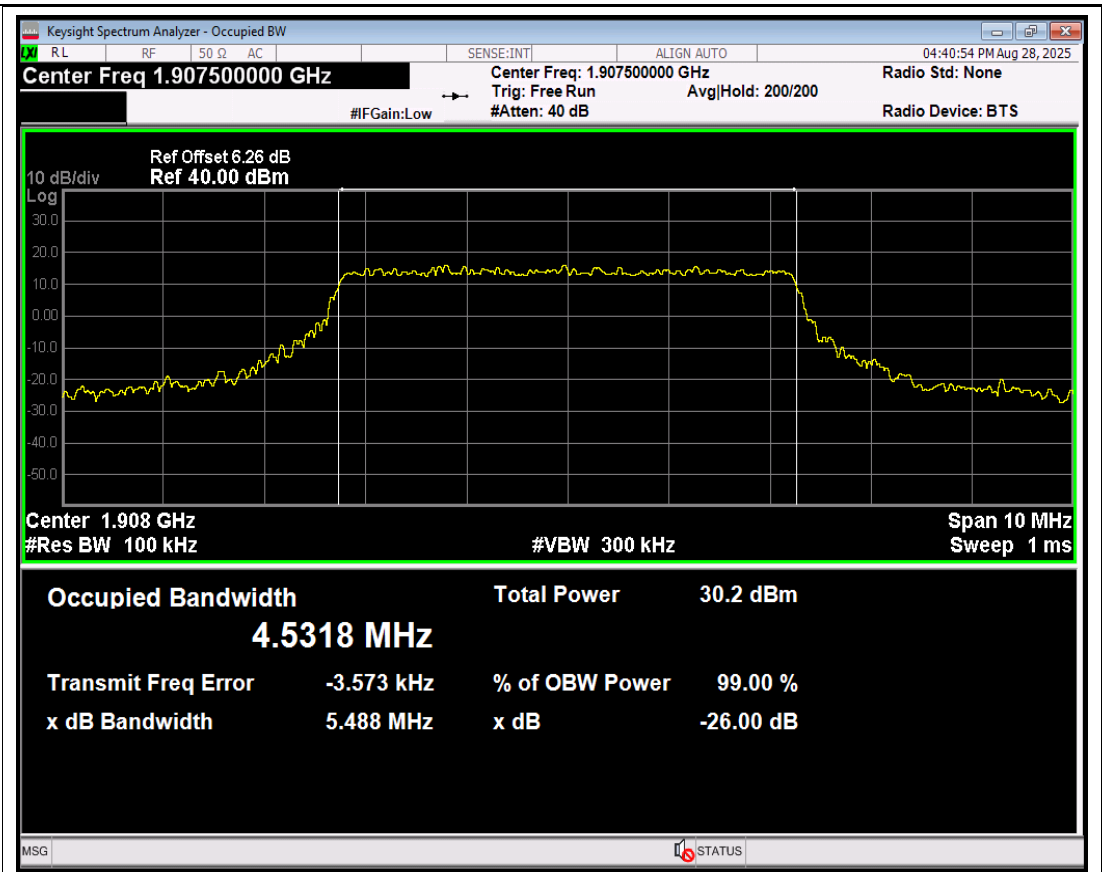
Band2 16QAM BW=5MHz Channel=18625 RB Size=25 Position=#0



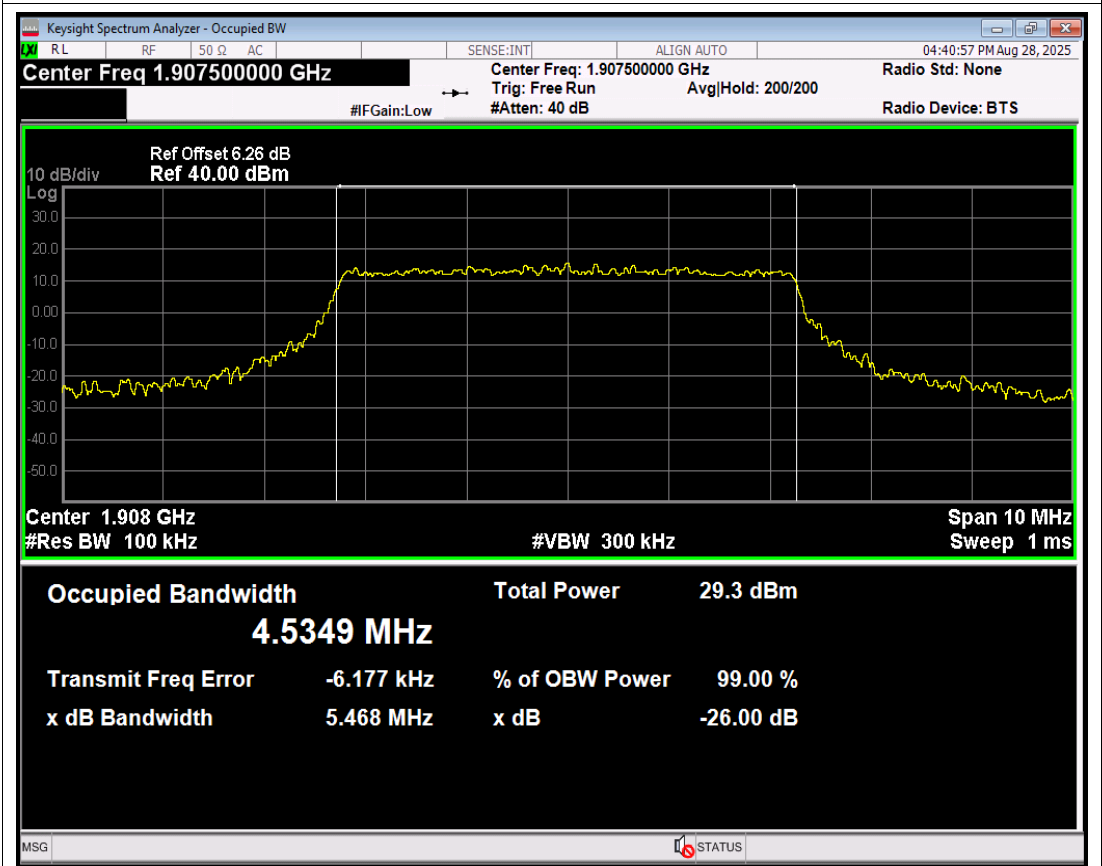
Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0



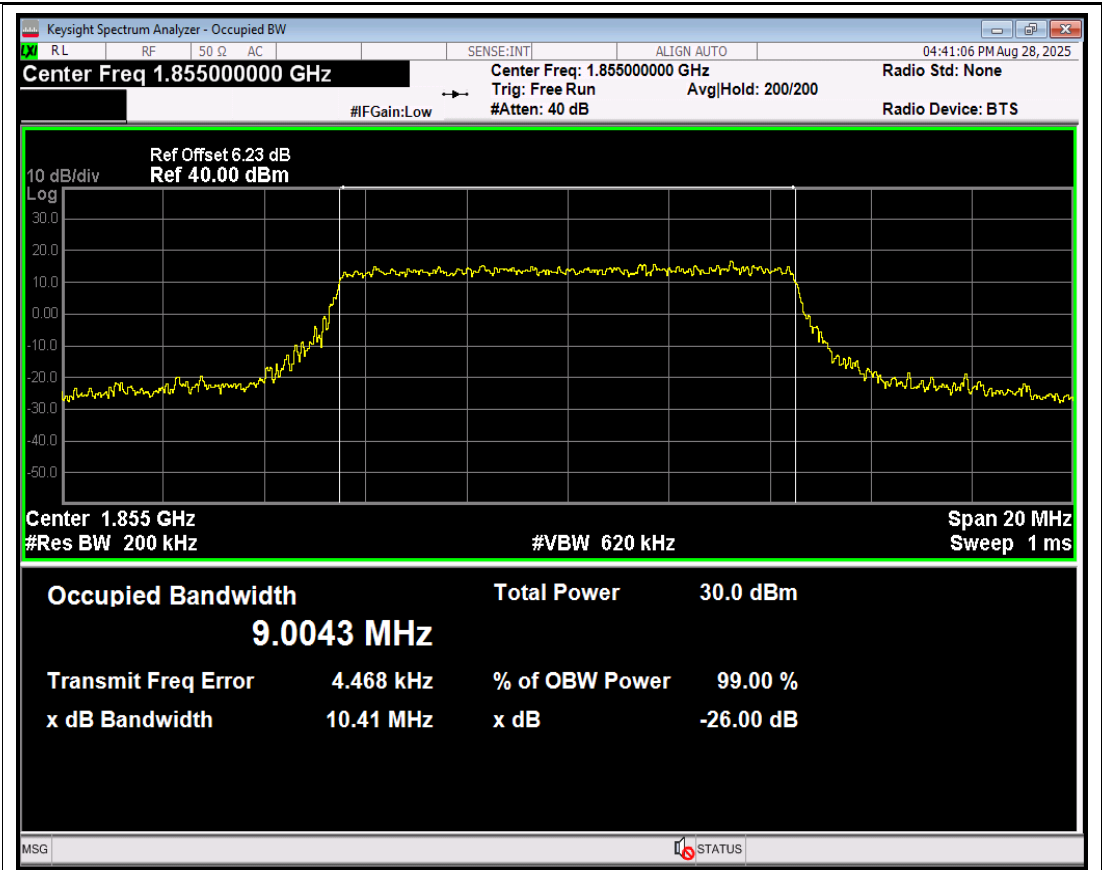
Band2 16QAM BW=5MHz Channel=18900 RB Size=25 Position=#0



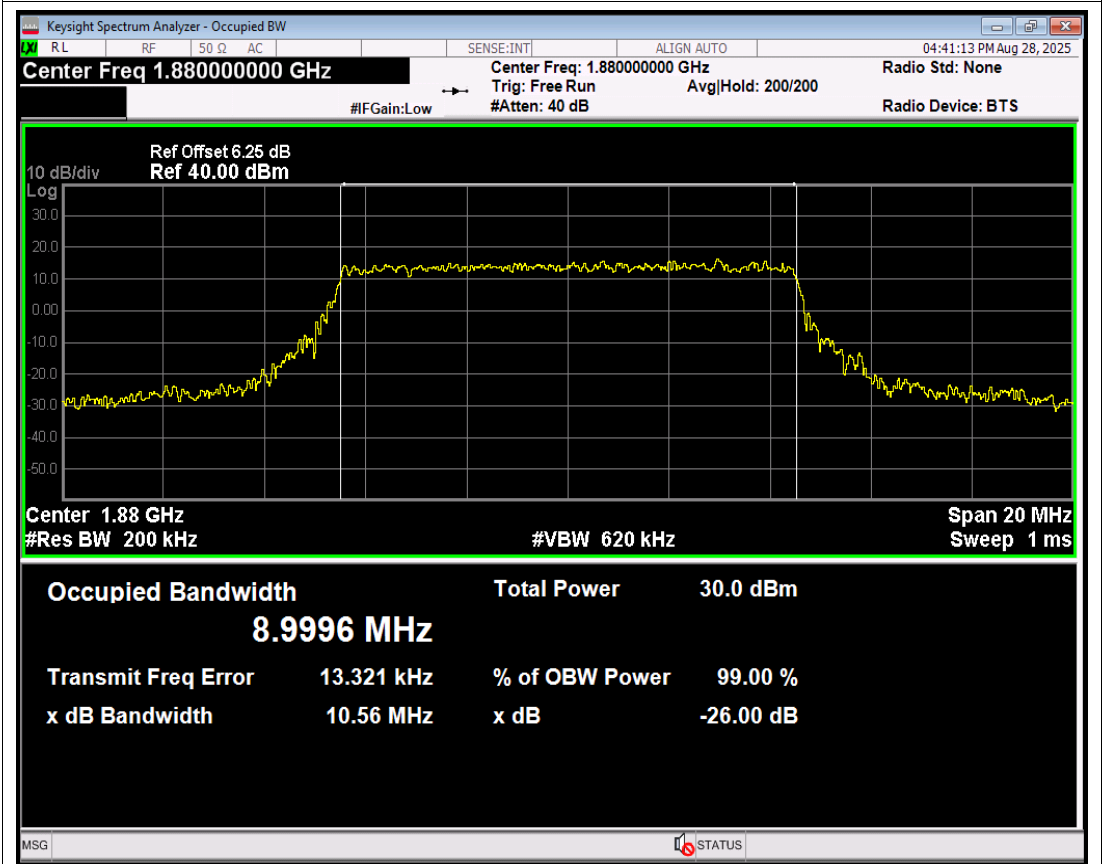
Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



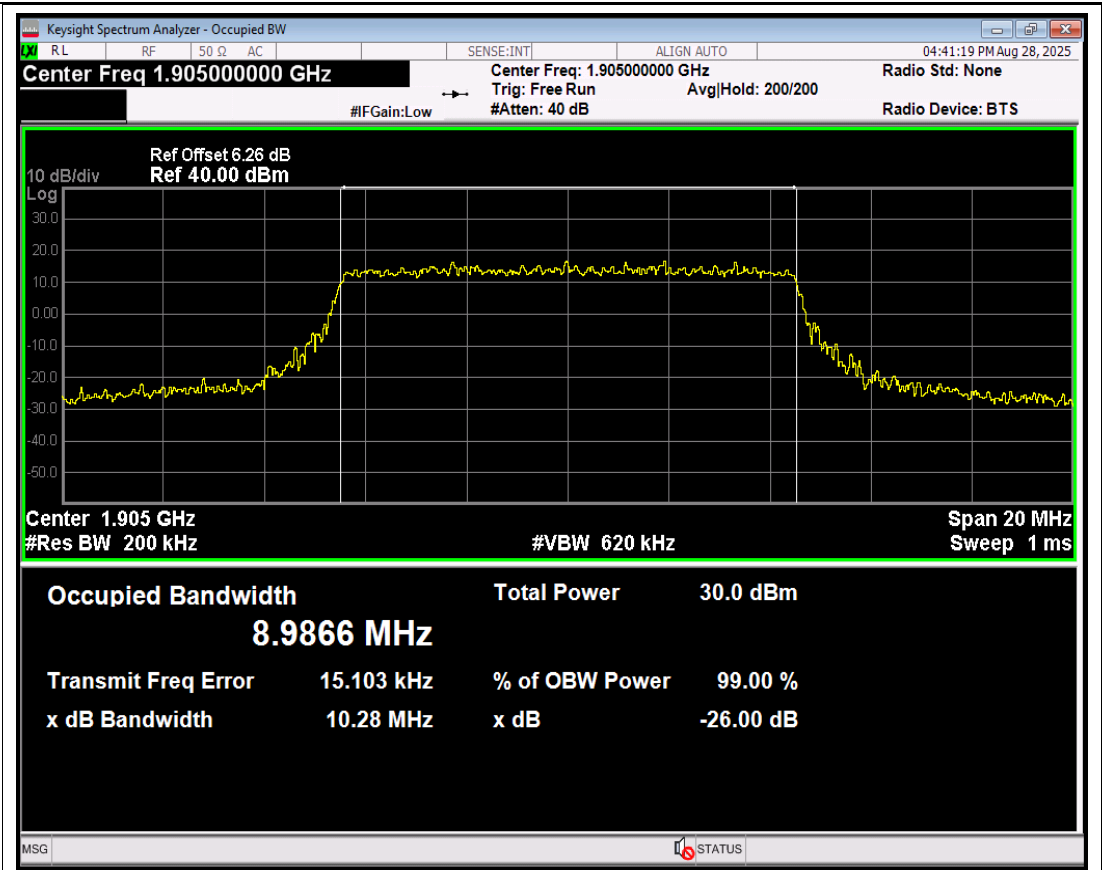
Band2 16QAM BW=5MHz Channel=19175 RB Size=25 Position=#0



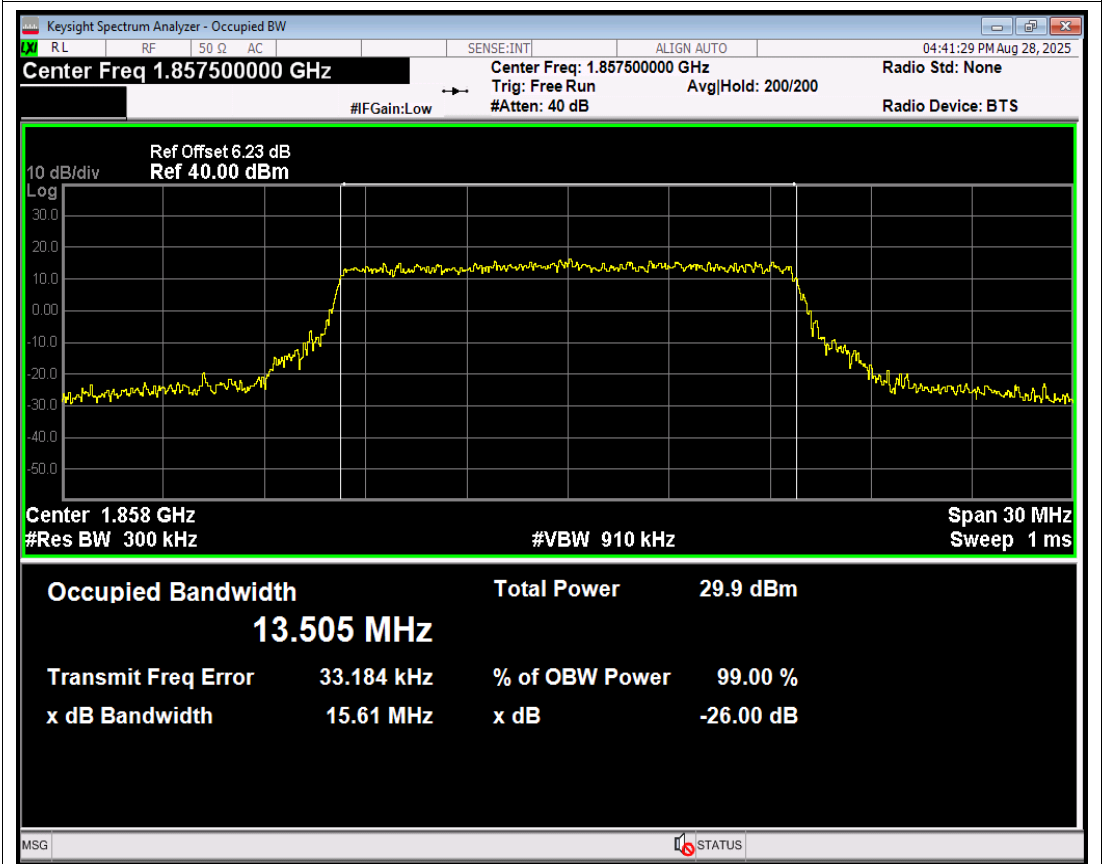
Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0



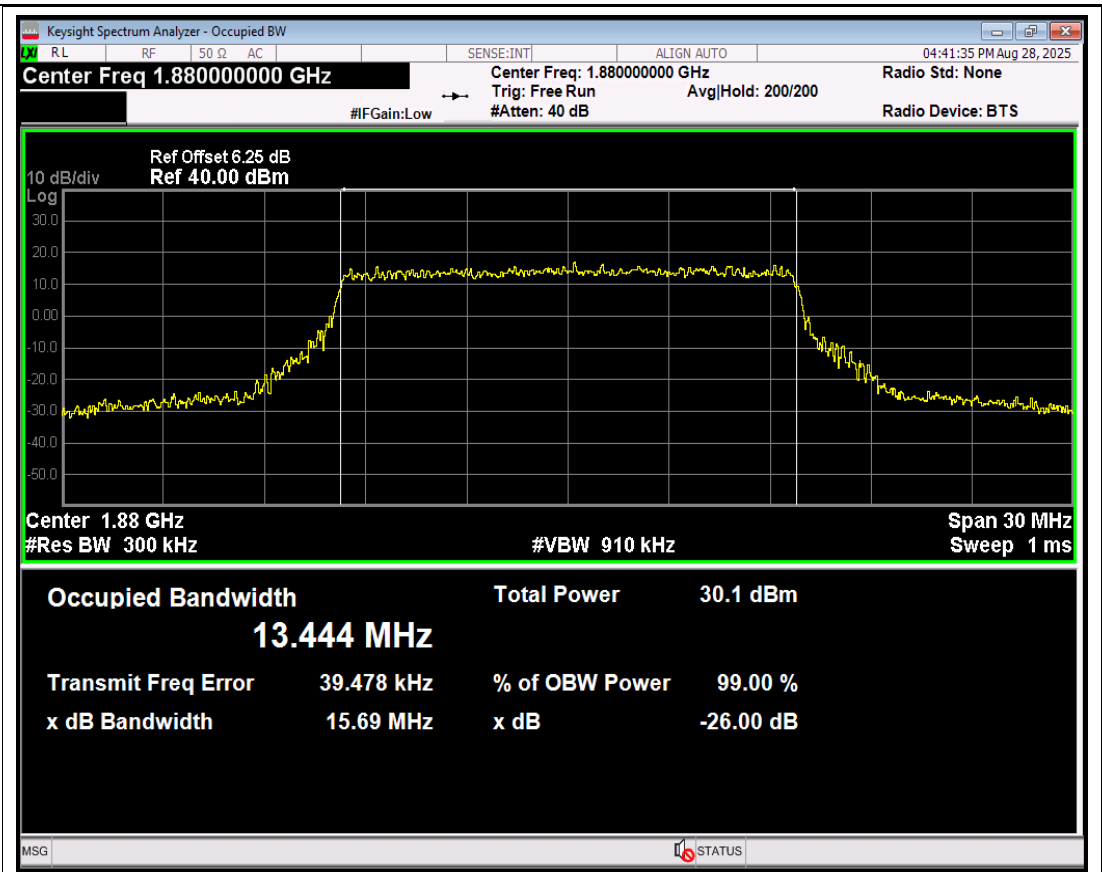
Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0



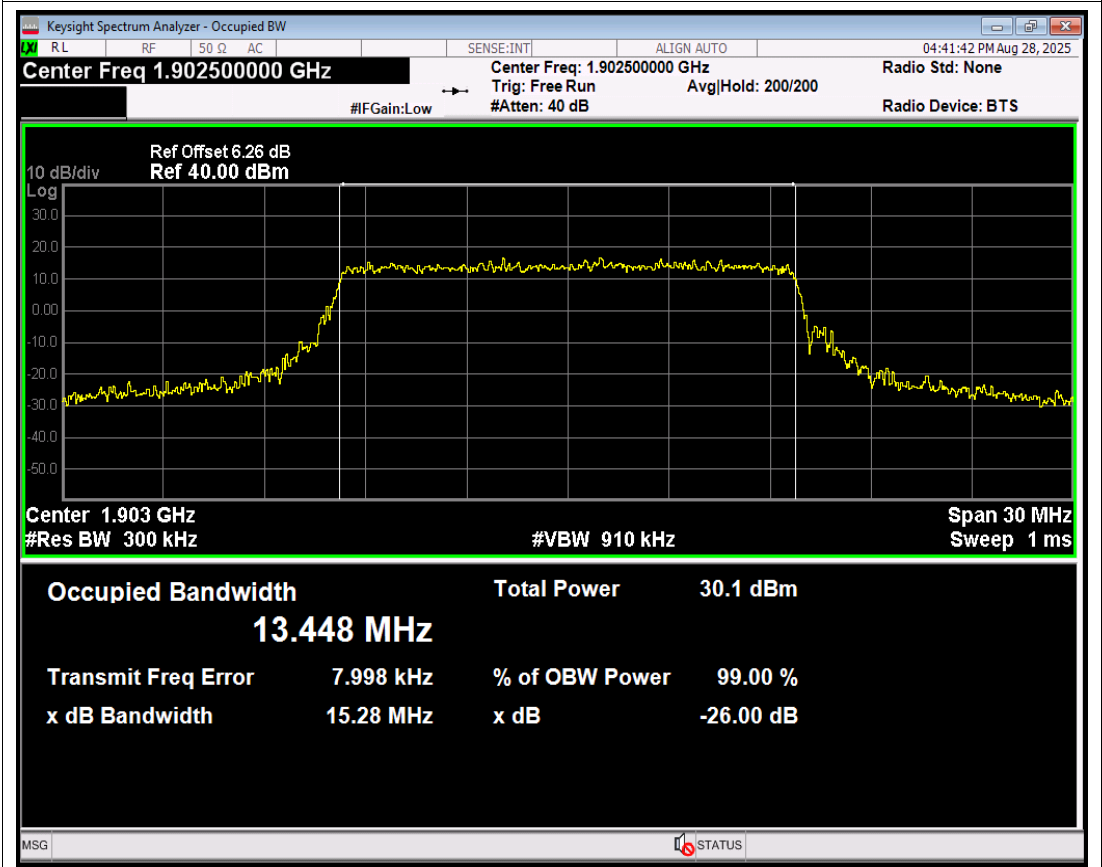
Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0



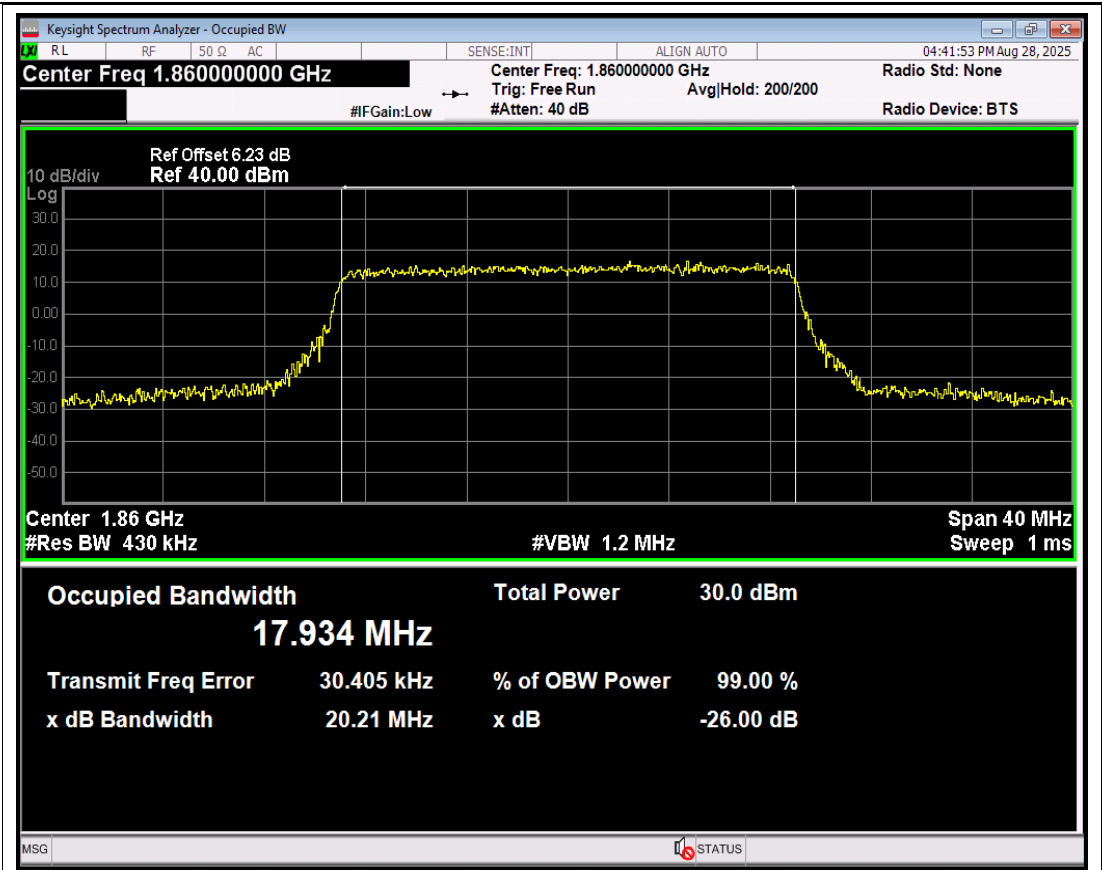
Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0



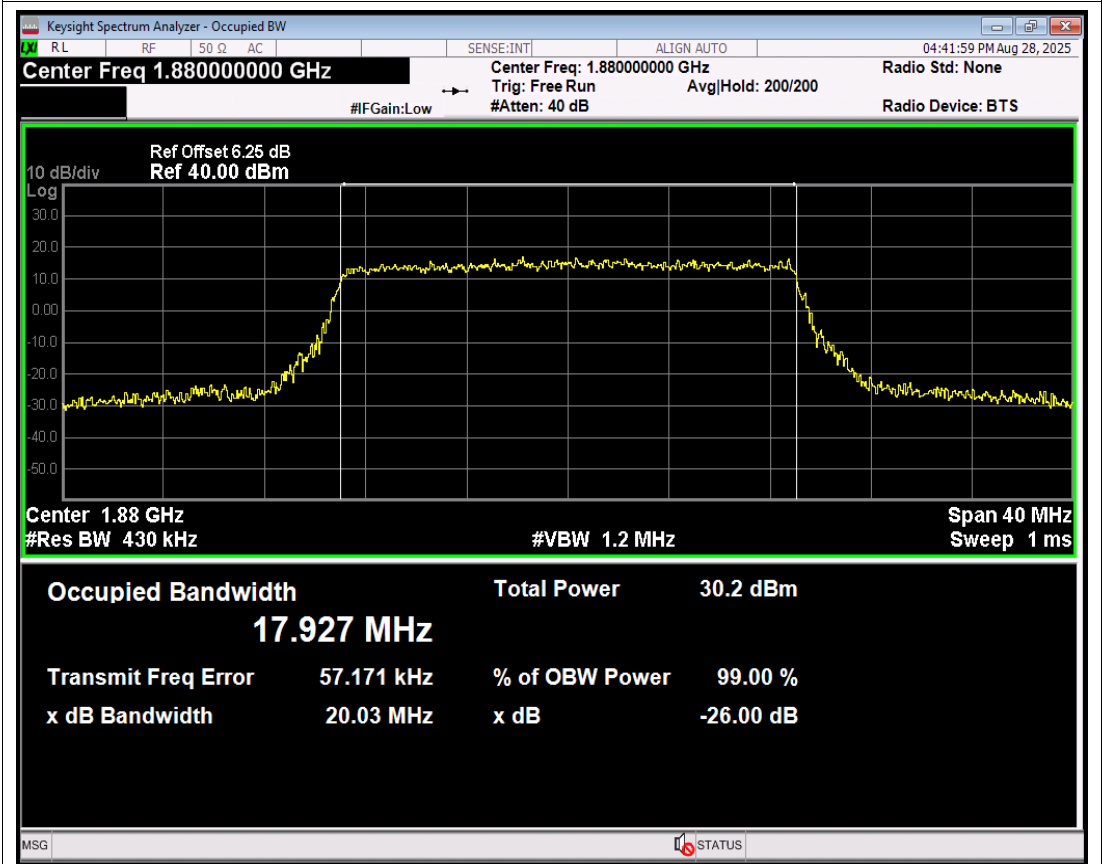
Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0



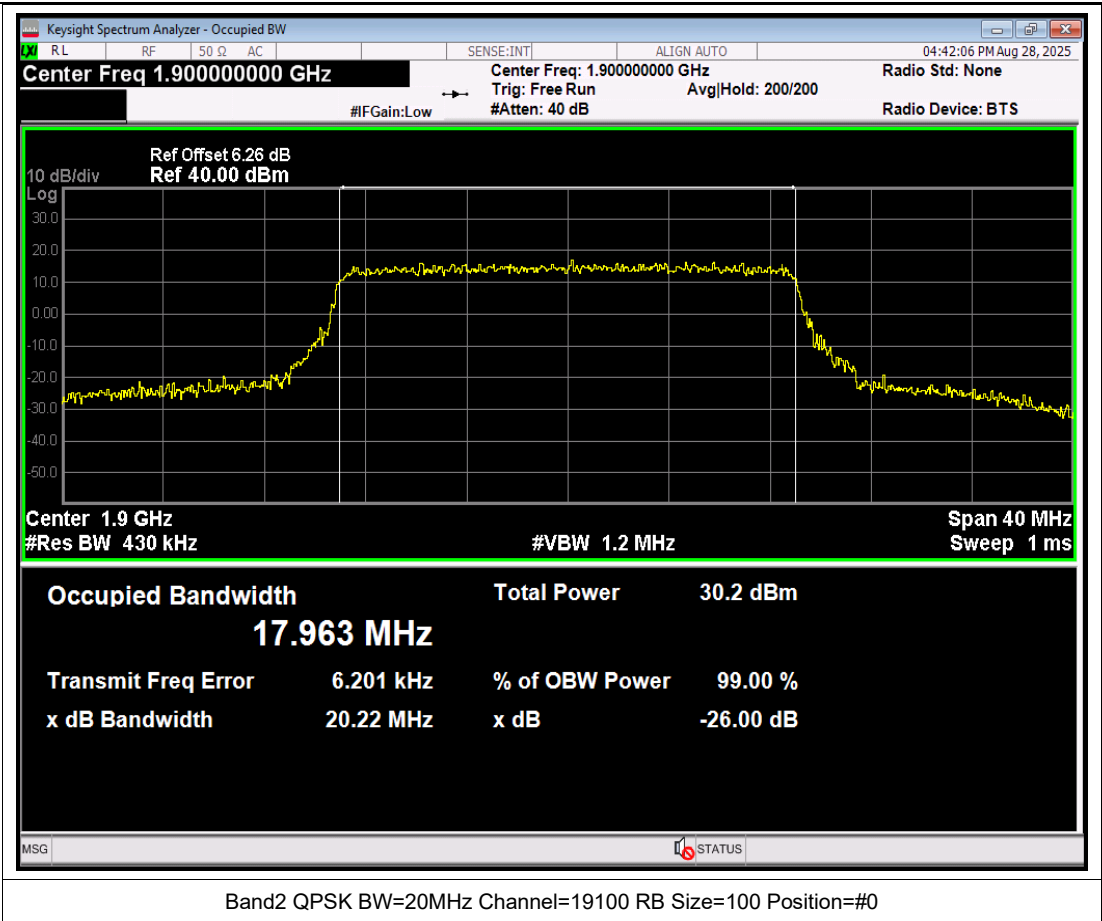
Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0



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



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

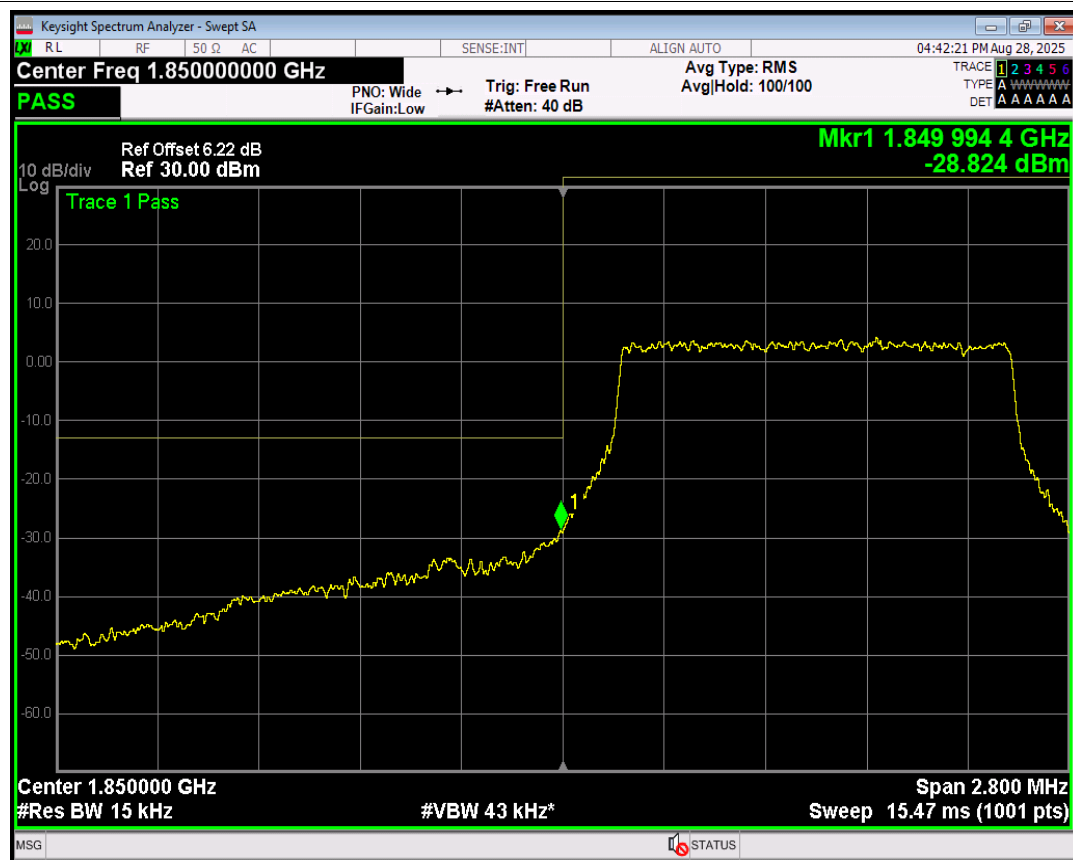


Band edge

<i>Band</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Size</i>	<i>RB Position</i>	<i>Modulation</i>	<i>Spur Freq (MHz)</i>	<i>Spur Level (dBm)</i>	<i>Limit (dBm)</i>	<i>Verdict</i>
Band2	1.4	18607	6	#0	QPSK	1850.00	-26.44	-13	PASS
Band2	1.4	18607	6	#0	16QAM	1849.99	-28.82	-13	PASS
Band2	1.4	19193	6	#0	QPSK	1910.00	-27.67	-13	PASS
Band2	1.4	19193	6	#0	16QAM	1910.01	-27.82	-13	PASS
Band2	3	18615	15	#0	QPSK	1850.00	-22.60	-13	PASS
Band2	3	18615	15	#0	16QAM	1849.97	-23.68	-13	PASS
Band2	3	19185	15	#0	QPSK	1910.02	-23.16	-13	PASS
Band2	3	19185	15	#0	16QAM	1910.03	-24.97	-13	PASS
Band2	5	18625	25	#0	QPSK	1850.00	-23.21	-13	PASS
Band2	5	18625	25	#0	16QAM	1850.00	-24.50	-13	PASS
Band2	5	19175	25	#0	QPSK	1910.00	-24.21	-13	PASS
Band2	5	19175	25	#0	16QAM	1910.00	-25.30	-13	PASS
Band2	10	18650	50	#0	QPSK	1849.88	-27.21	-13	PASS
Band2	10	19150	50	#0	QPSK	1910.08	-28.88	-13	PASS
Band2	15	18675	75	#0	QPSK	1850.00	-28.63	-13	PASS
Band2	15	19125	75	#0	QPSK	1910.24	-27.80	-13	PASS
Band2	20	18700	100	#0	QPSK	1849.68	-33.70	-13	PASS
Band2	20	19100	100	#0	QPSK	1910.00	-29.88	-13	PASS



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



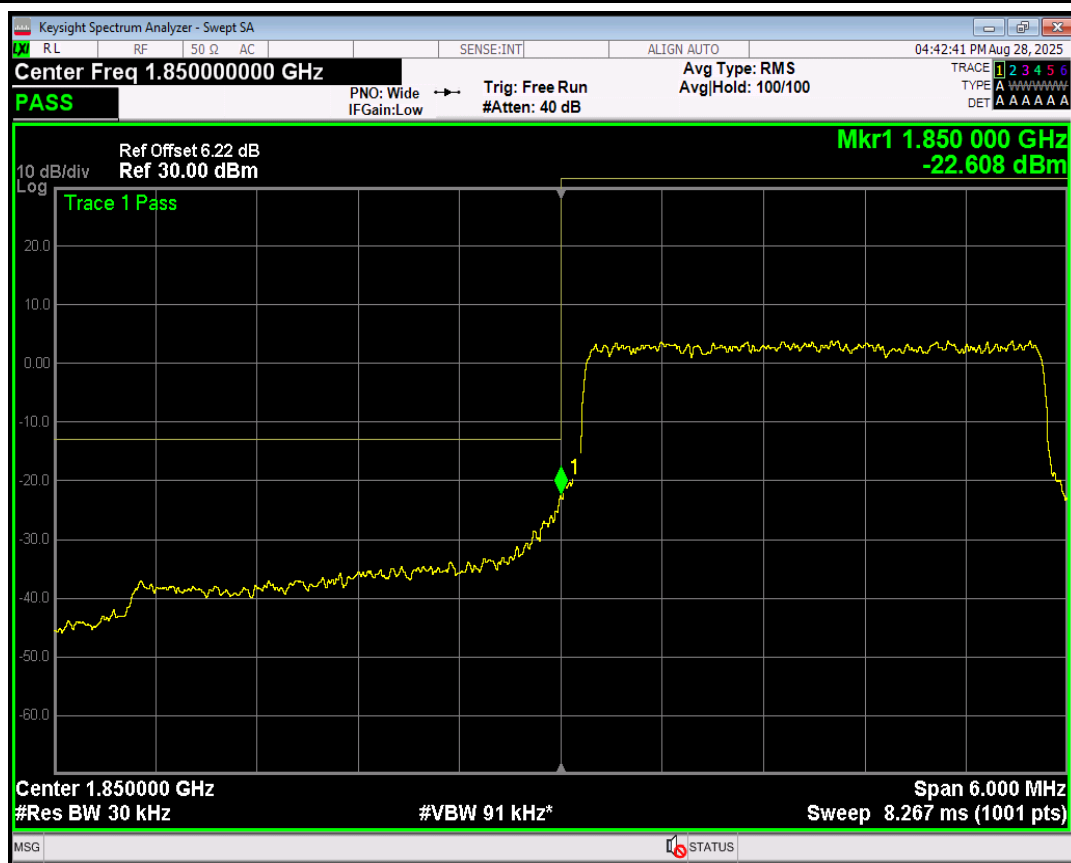
Band2 16QAM BW=1.4MHz Channel=18607 RB Size=6 Position=#0



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



Band2 16QAM BW=1.4MHz Channel=19193 RB Size=6 Position=#0



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



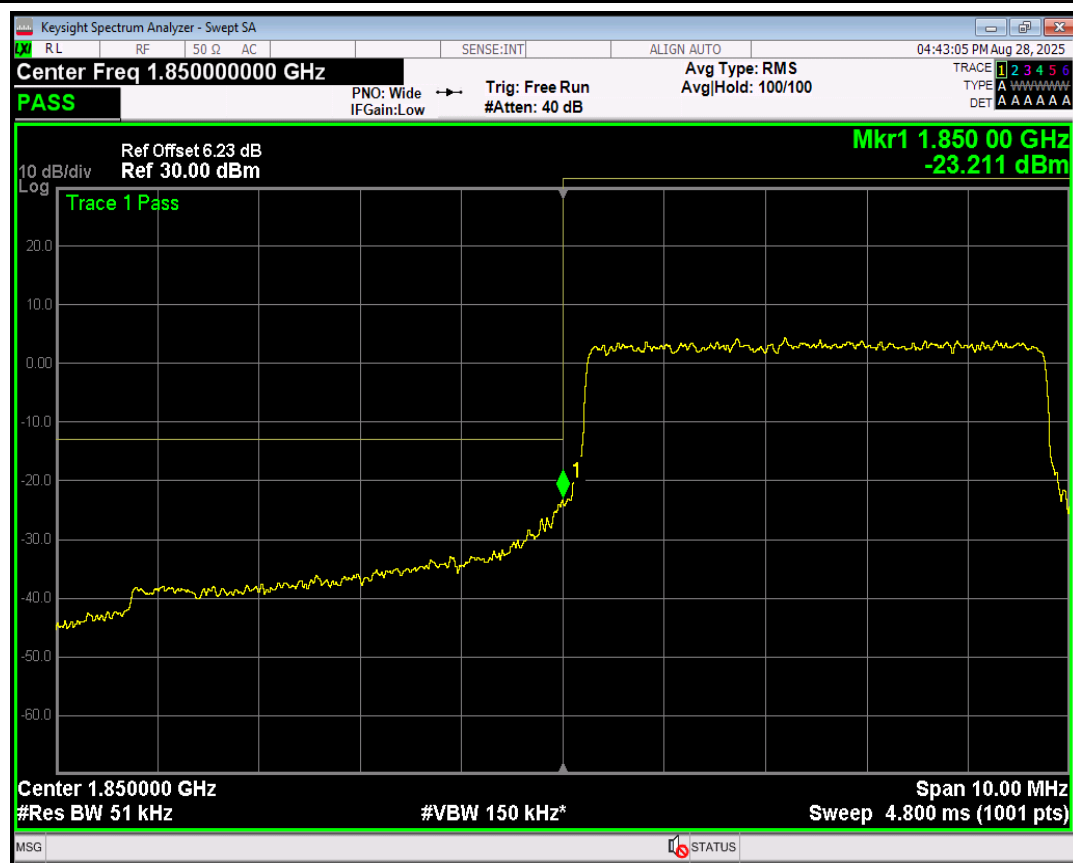
Band2 16QAM BW=3MHz Channel=18615 RB Size=15 Position=#0



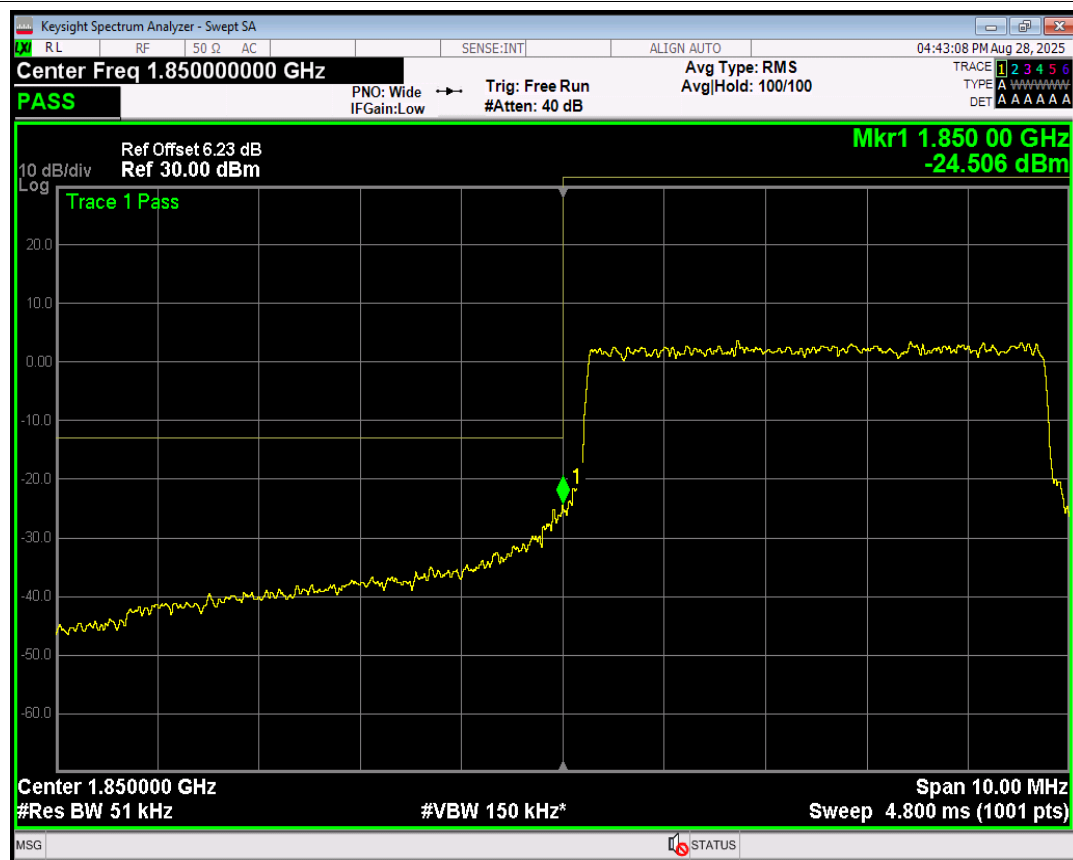
Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



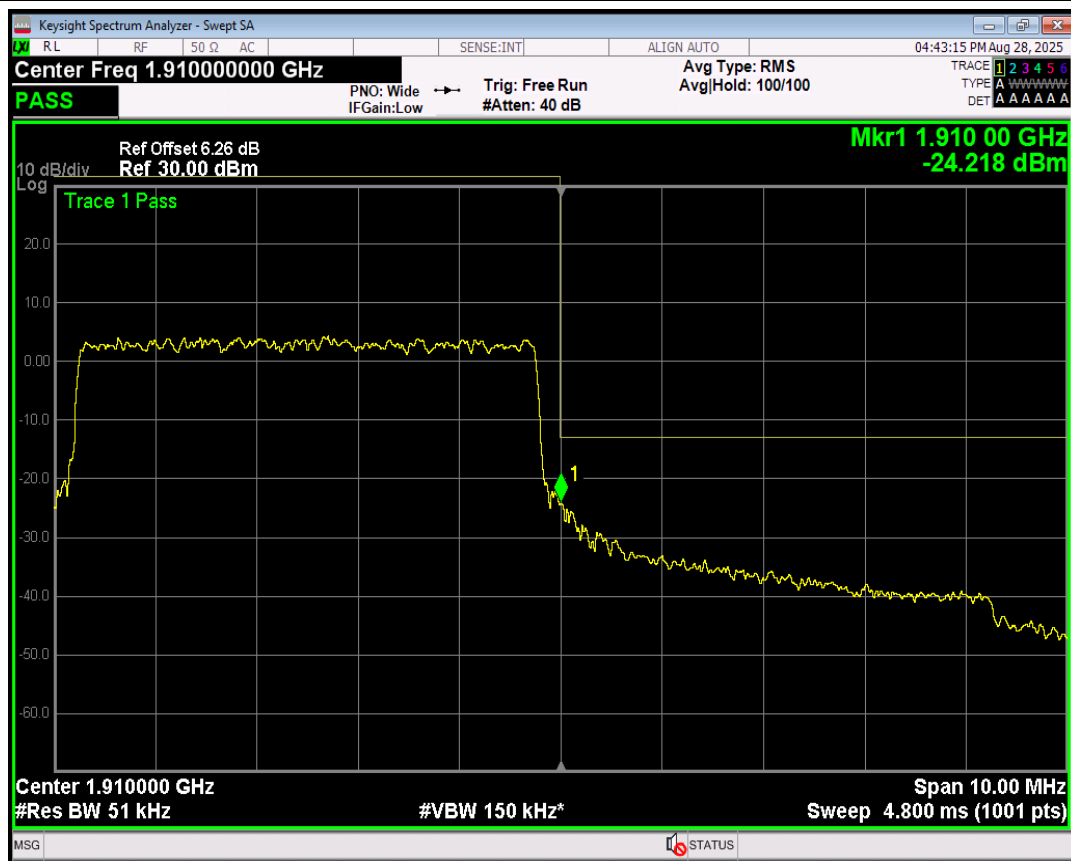
Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0



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



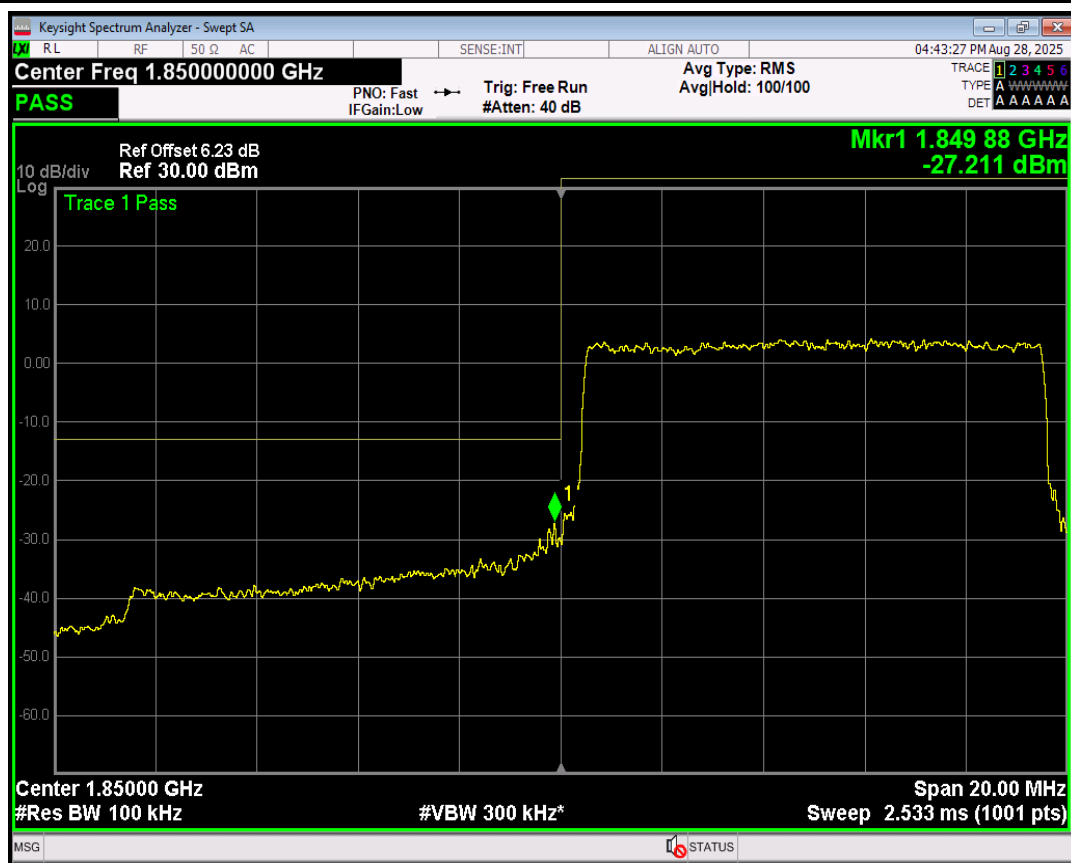
Band2 16QAM BW=5MHz Channel=18625 RB Size=25 Position=#0



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



Band2 16QAM BW=5MHz Channel=19175 RB Size=25 Position=#0



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



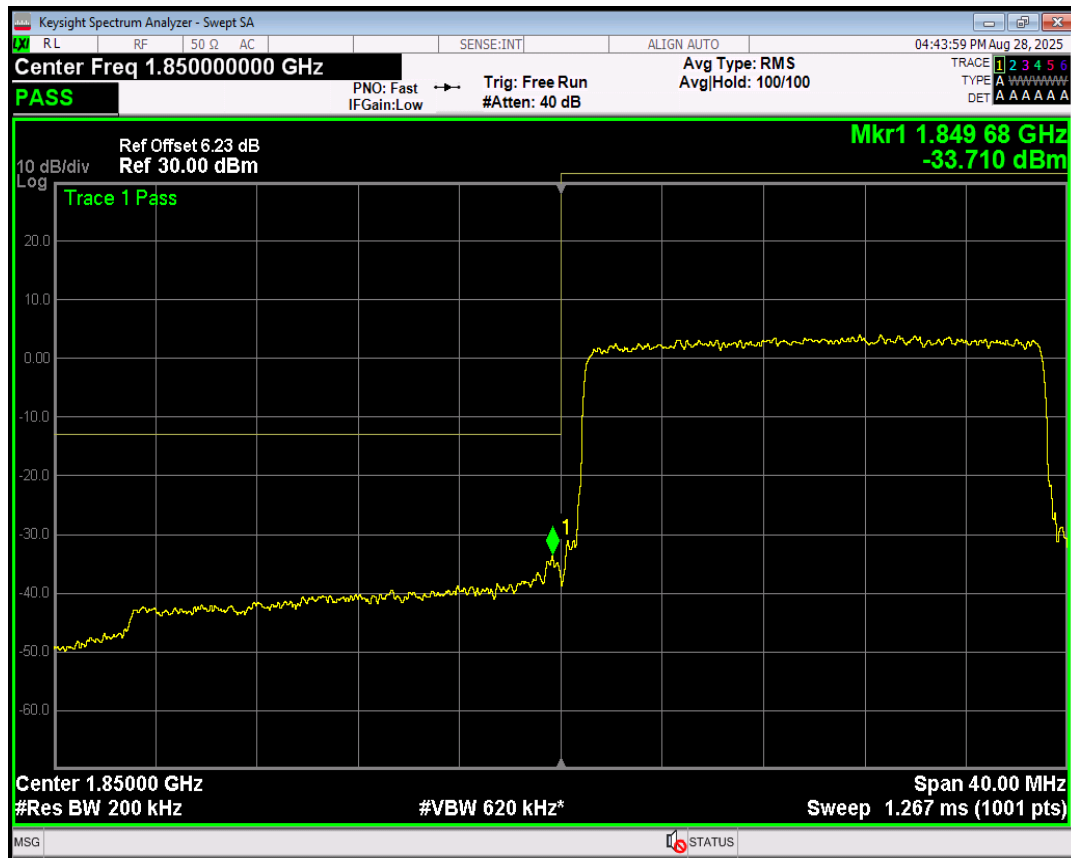
Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0



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



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



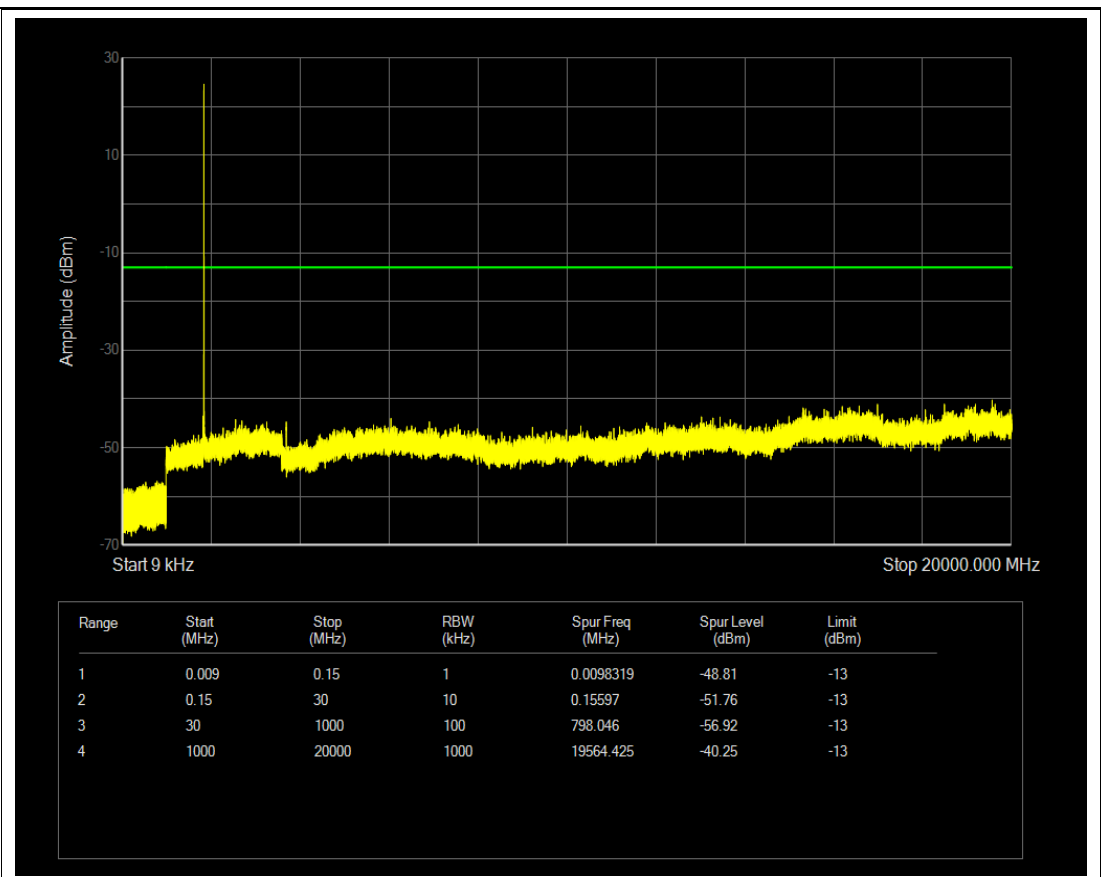
Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0



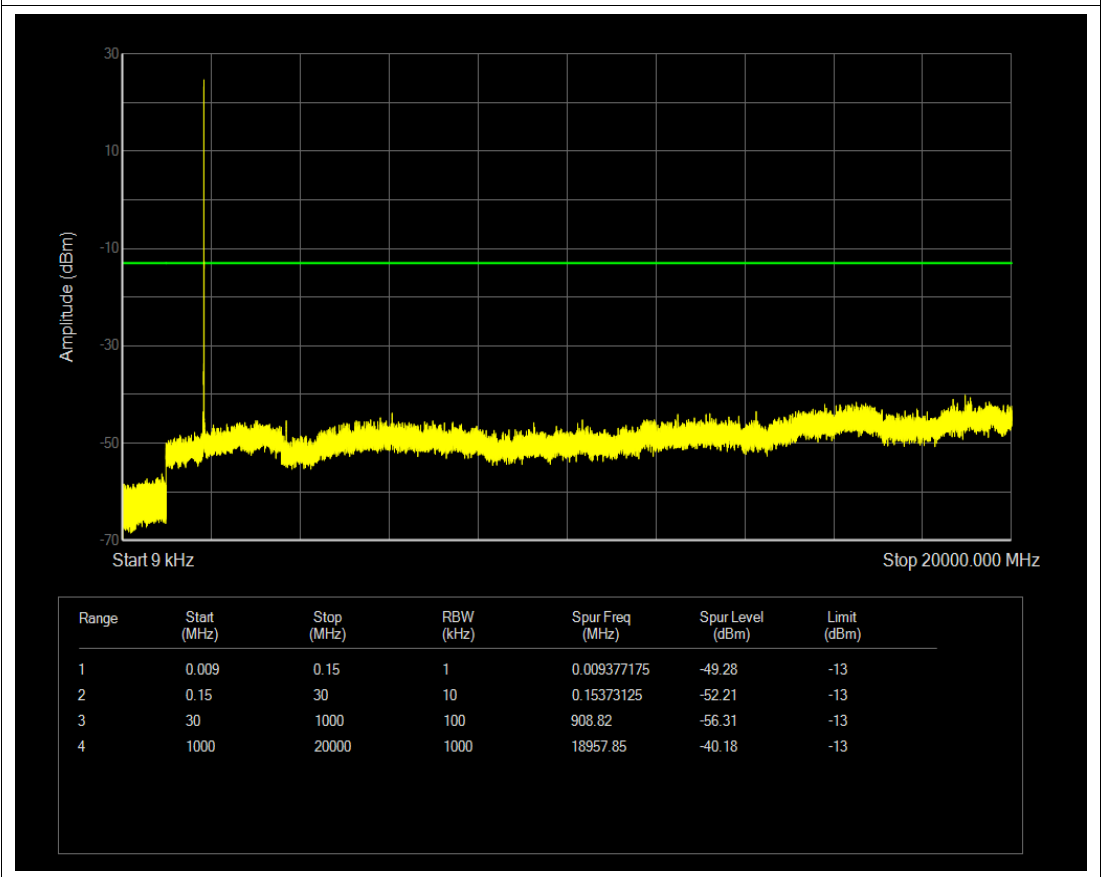
Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0

Out-of-band emissions

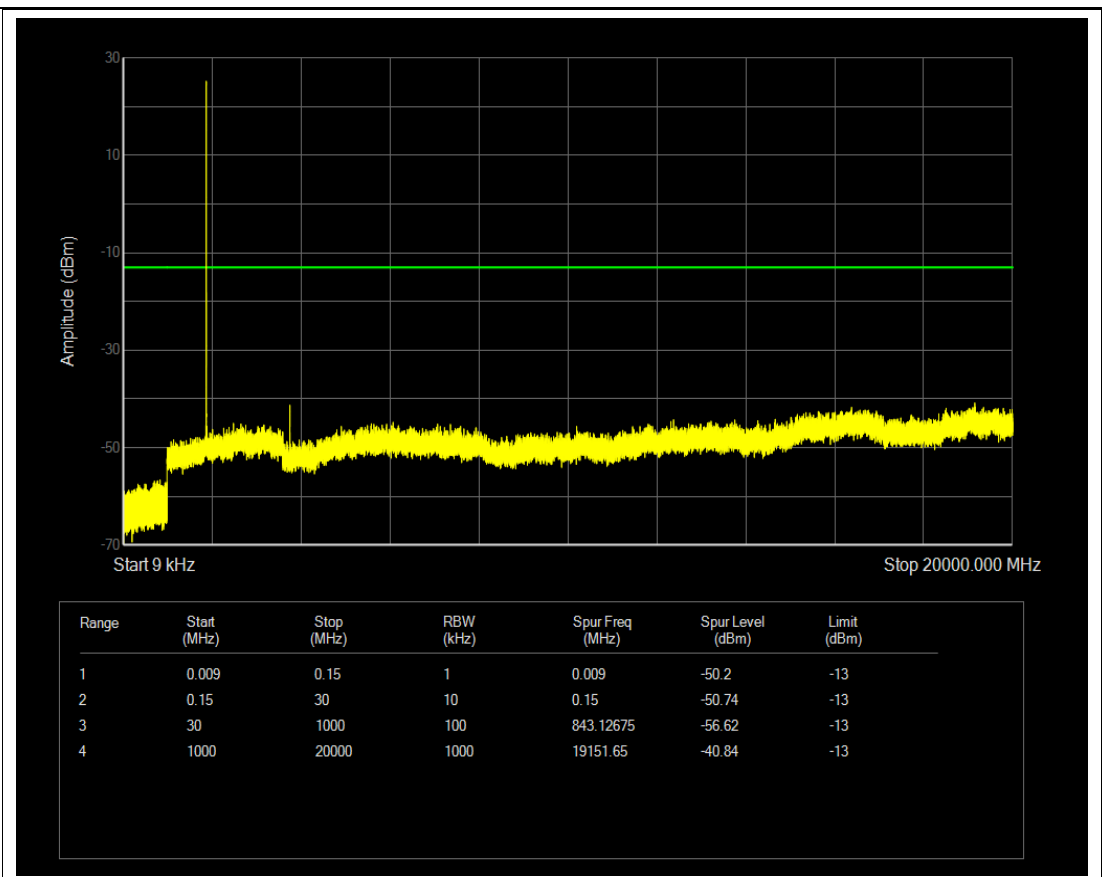
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band2	1.4	18607	6	#0	QPSK	19564.43	-40.25	-13	PASS
Band2	1.4	18607	6	#0	16QAM	18957.85	-40.18	-13	PASS
Band2	1.4	18900	6	#0	QPSK	19151.65	-40.84	-13	PASS
Band2	1.4	18900	6	#0	16QAM	19117.93	-41.09	-13	PASS
Band2	1.4	19193	6	#0	QPSK	16176.25	-41.14	-13	PASS
Band2	1.4	19193	6	#0	16QAM	19342.60	-40.44	-13	PASS
Band2	3	18615	15	#0	QPSK	19137.88	-40.00	-13	PASS
Band2	3	18615	15	#0	16QAM	19674.63	-41.01	-13	PASS
Band2	3	18900	15	#0	QPSK	19449.48	-41.04	-13	PASS
Band2	3	18900	15	#0	16QAM	19088.95	-40.57	-13	PASS
Band2	3	19185	15	#0	QPSK	19337.38	-40.69	-13	PASS
Band2	3	19185	15	#0	16QAM	19575.35	-40.23	-13	PASS
Band2	5	18625	25	#0	QPSK	16688.78	-40.44	-13	PASS
Band2	5	18625	25	#0	16QAM	19065.20	-41.12	-13	PASS
Band2	5	18900	25	#0	QPSK	19071.38	-40.72	-13	PASS
Band2	5	18900	25	#0	16QAM	19052.38	-40.80	-13	PASS
Band2	5	19175	25	#0	QPSK	19276.58	-40.71	-13	PASS
Band2	5	19175	25	#0	16QAM	16494.98	-41.05	-13	PASS
Band2	10	18650	50	#0	QPSK	19059.98	-40.34	-13	PASS
Band2	10	18900	50	#0	QPSK	19367.78	-41.04	-13	PASS
Band2	10	19150	50	#0	QPSK	19611.45	-40.64	-13	PASS
Band2	15	18675	75	#0	QPSK	19236.20	-41.09	-13	PASS
Band2	15	18900	75	#0	QPSK	19418.60	-40.03	-13	PASS
Band2	15	19125	75	#0	QPSK	19089.90	-41.24	-13	PASS
Band2	20	18700	100	#0	QPSK	19027.20	-41.09	-13	PASS
Band2	20	18900	100	#0	QPSK	19623.33	-40.82	-13	PASS
Band2	20	19100	100	#0	QPSK	16536.30	-40.45	-13	PASS



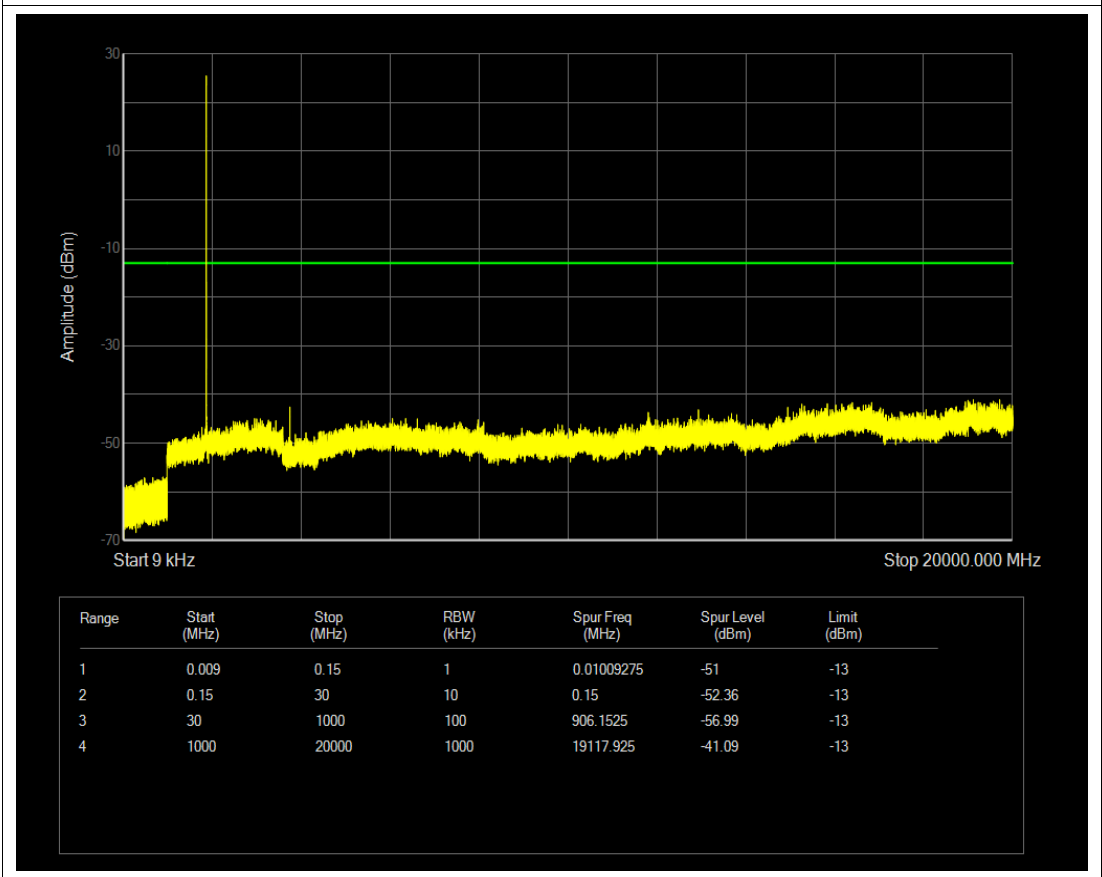
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0



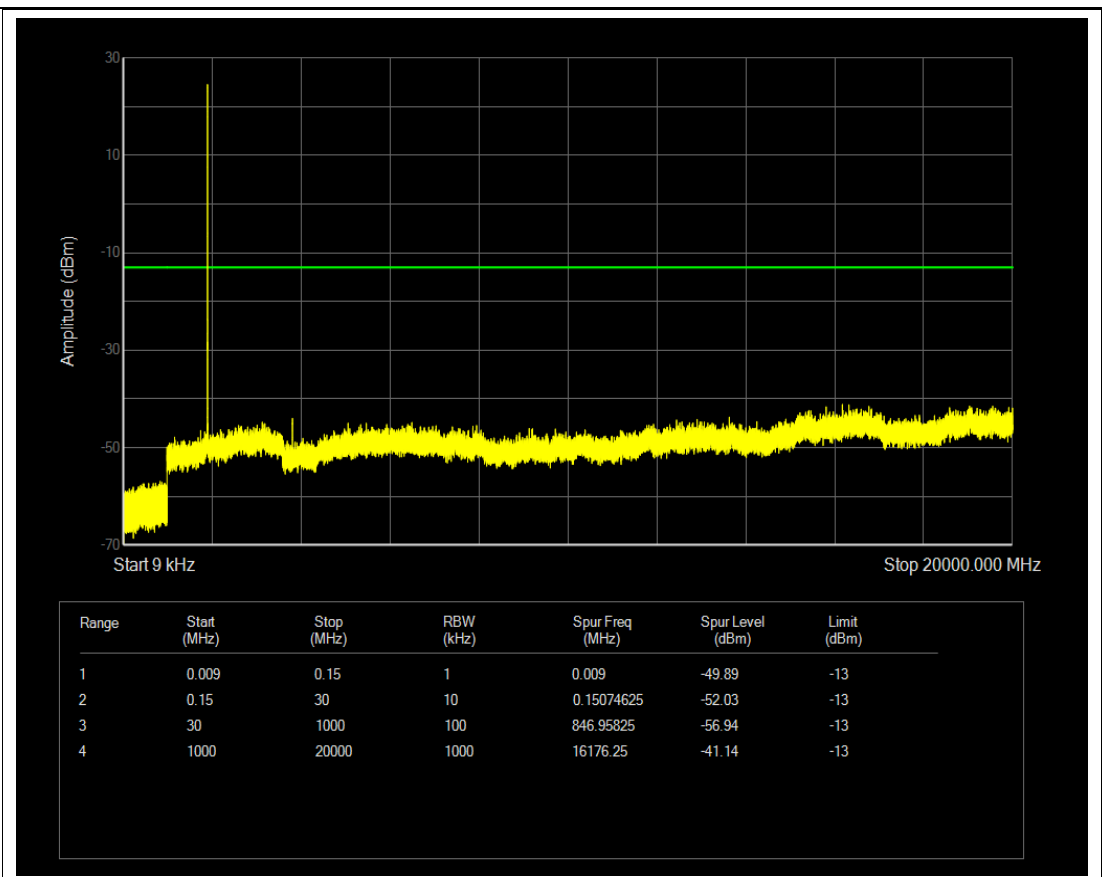
Band2 16QAM BW=1.4MHz Channel=18607 RB Size=6 Position=#0



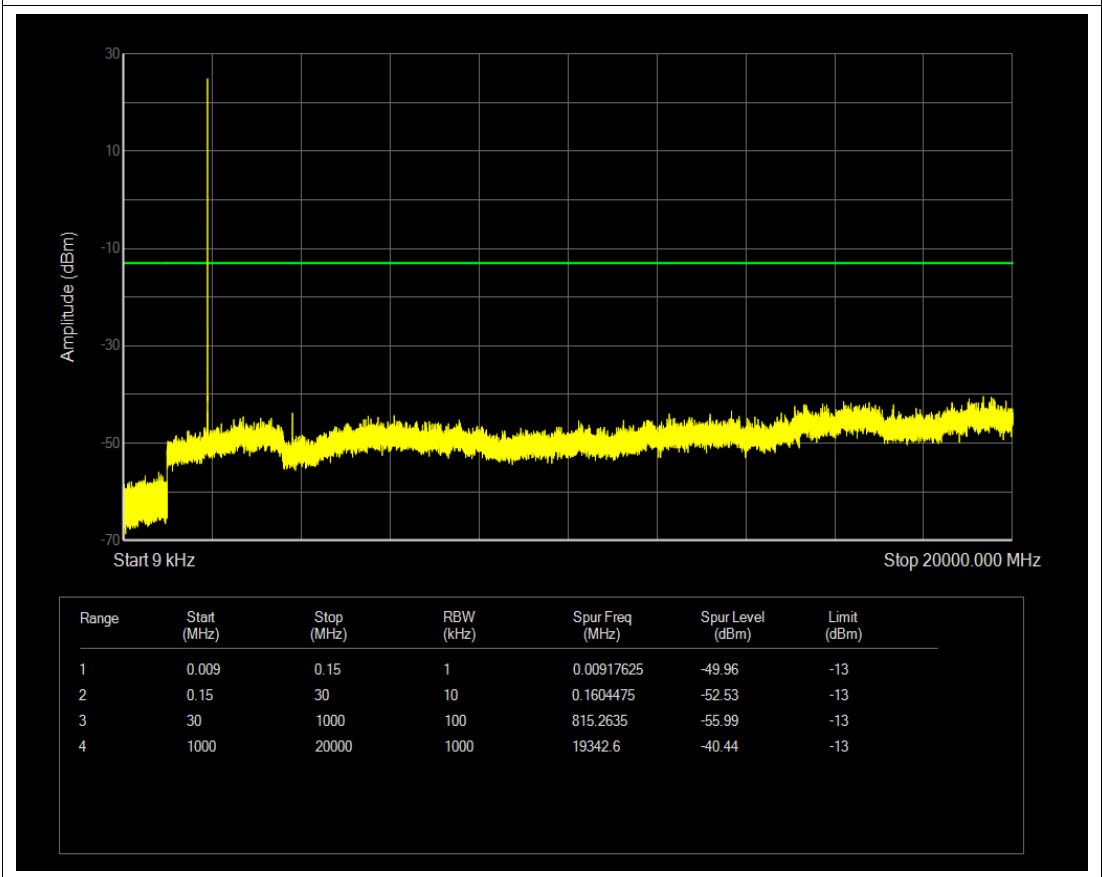
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0



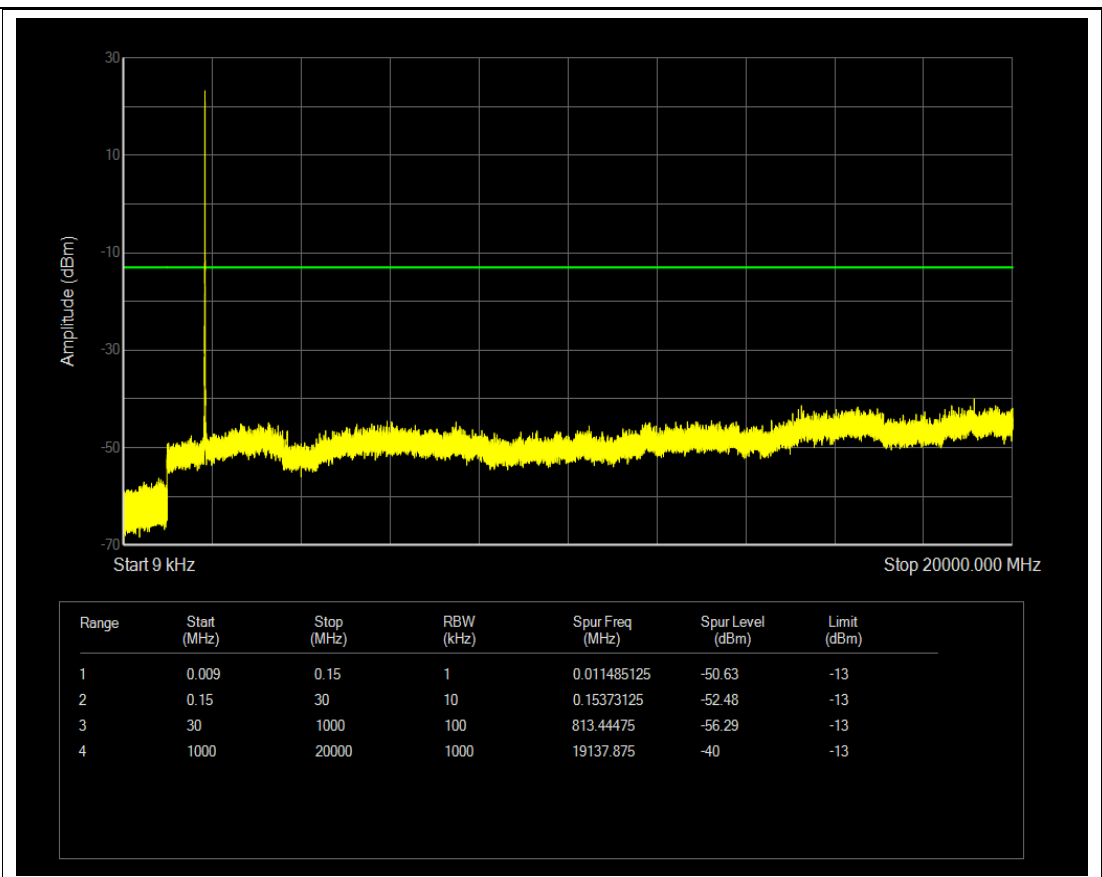
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=6 Position=#0



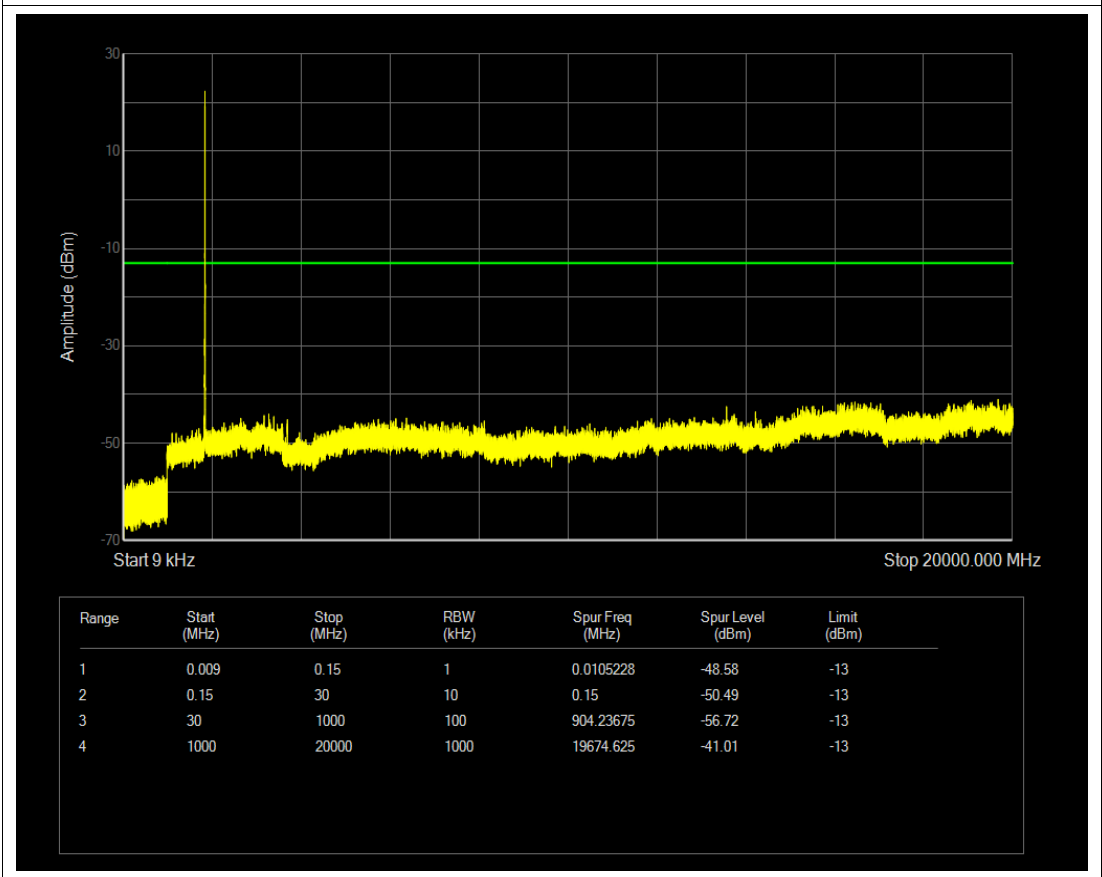
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0



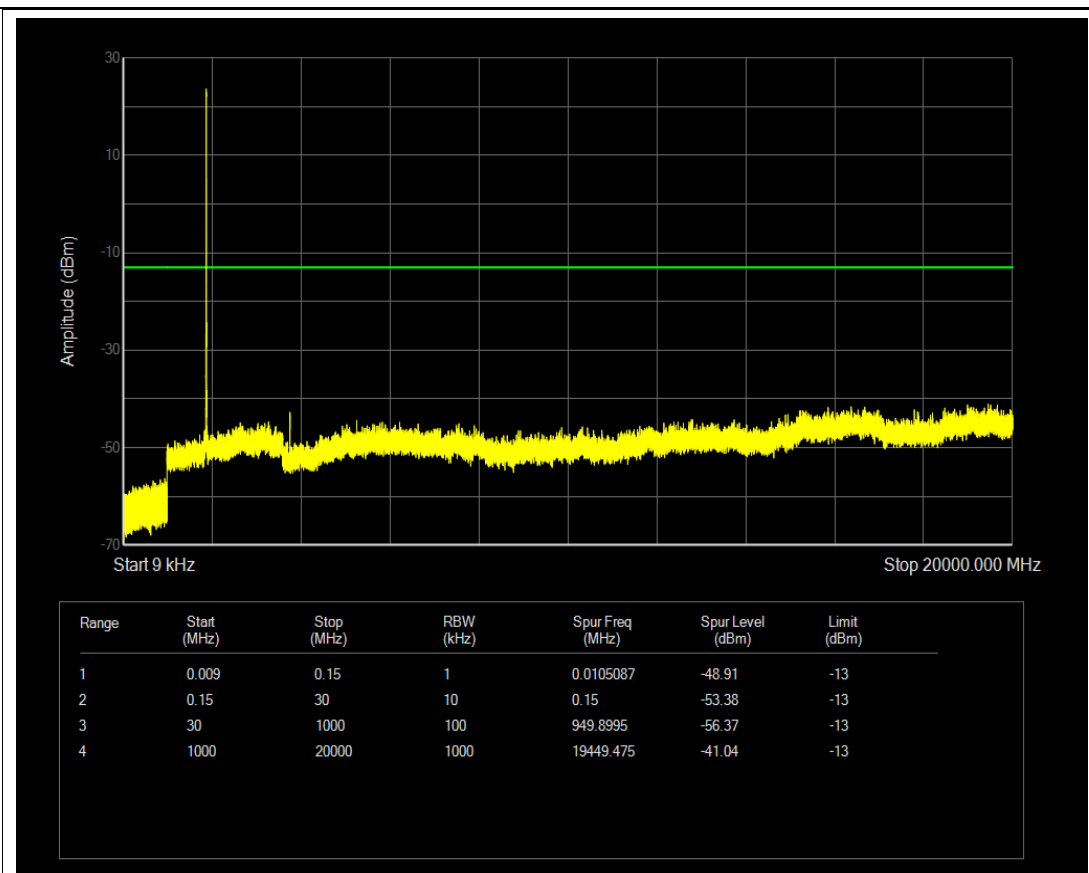
Band2 16QAM BW=1.4MHz Channel=19193 RB Size=6 Position=#0



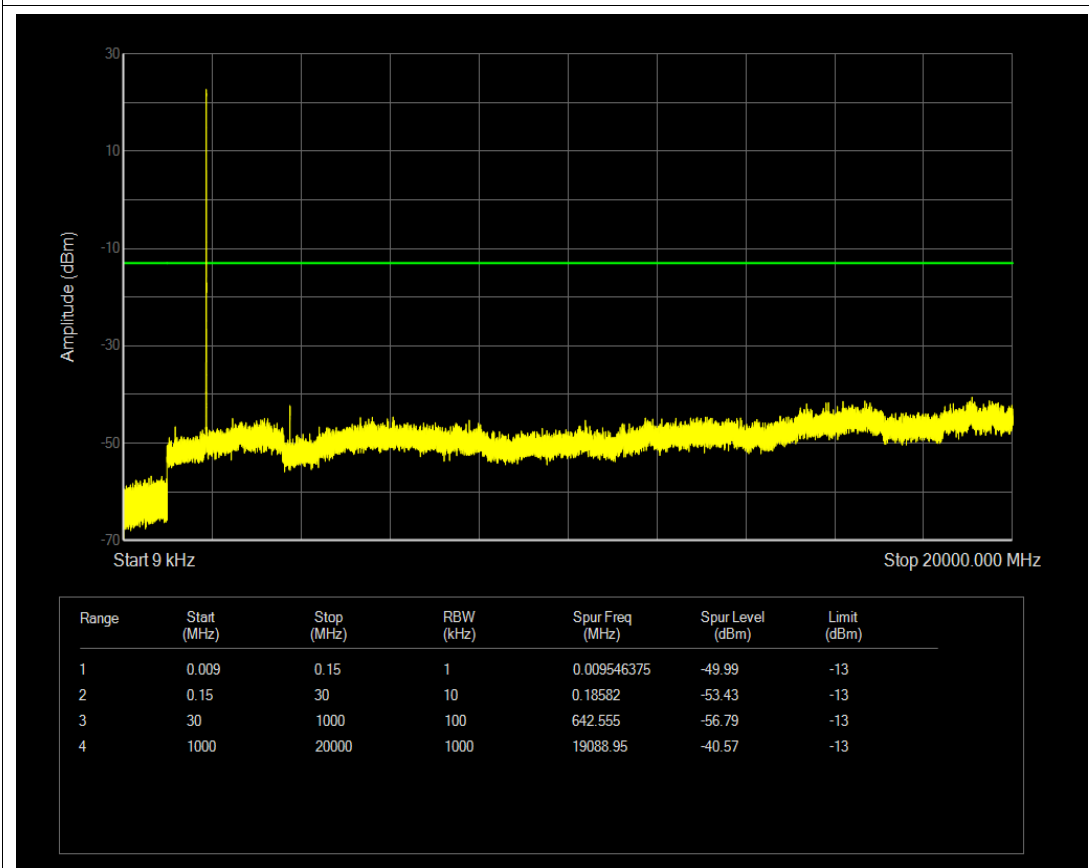
Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0



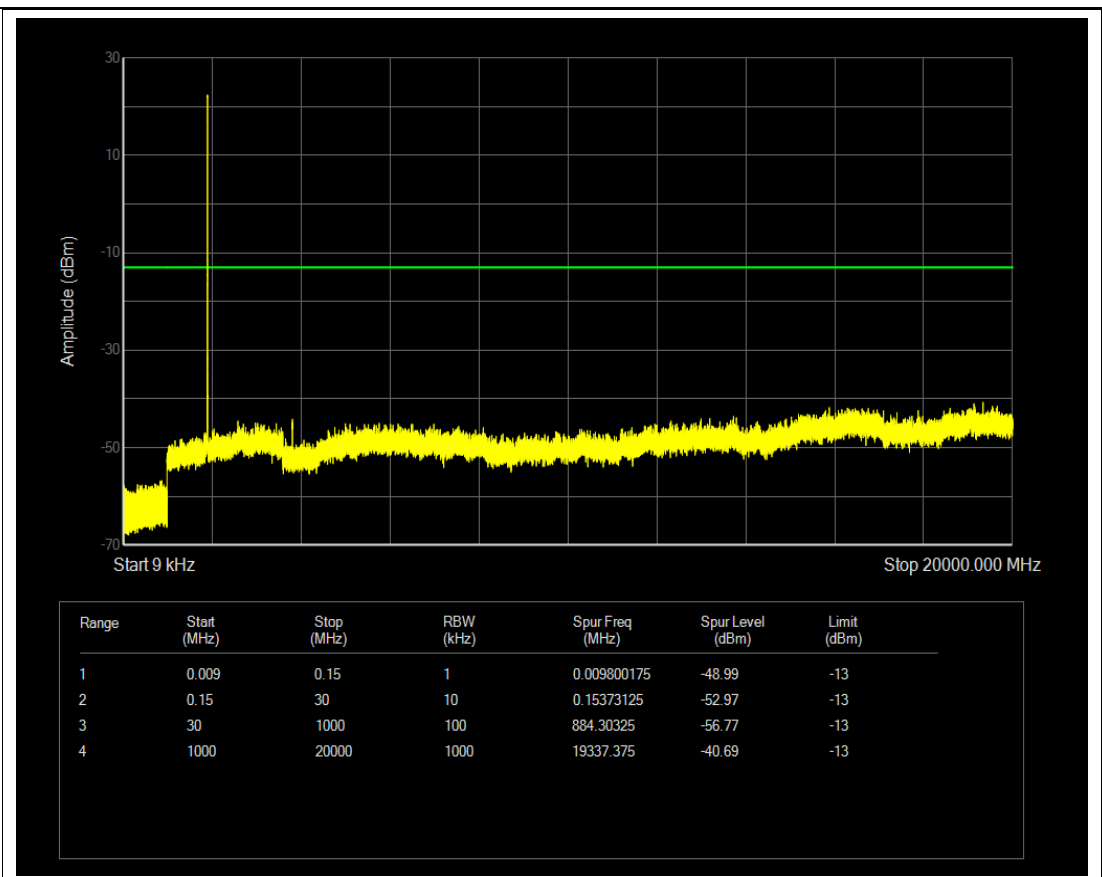
Band2 16QAM BW=3MHz Channel=18615 RB Size=15 Position=#0



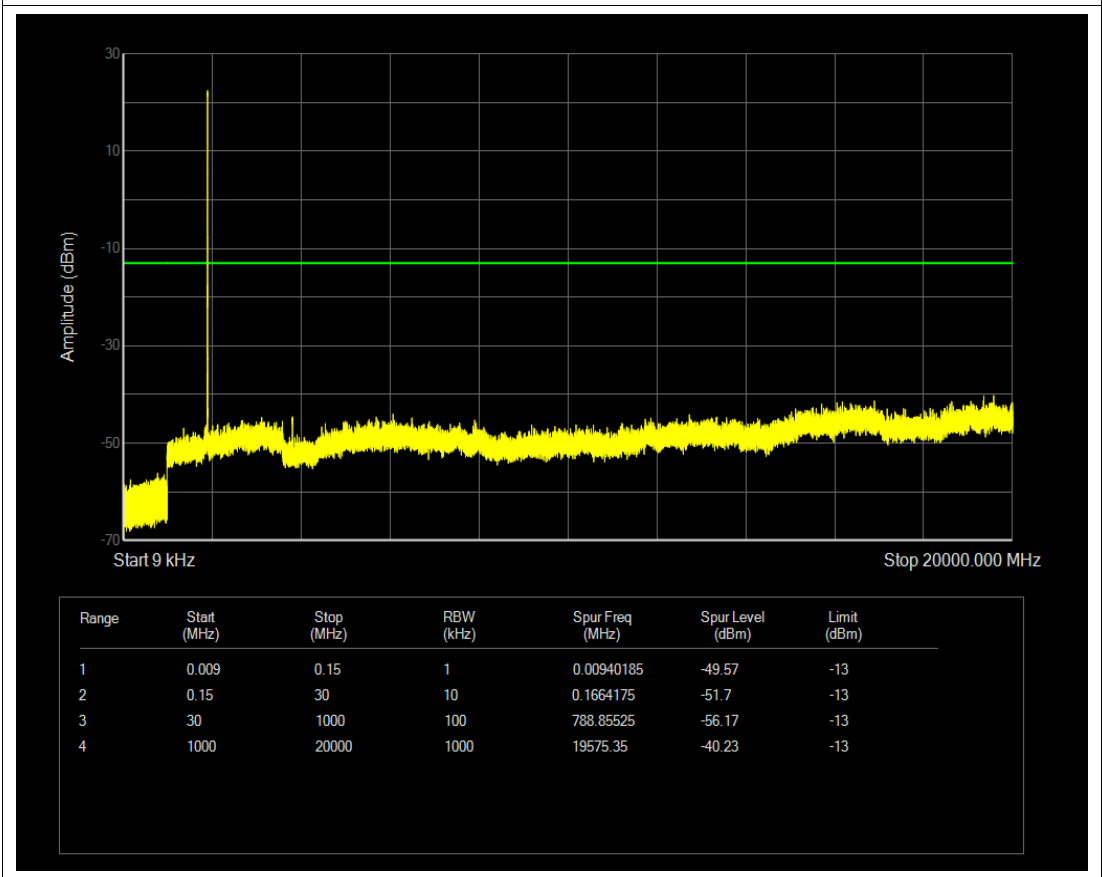
Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0



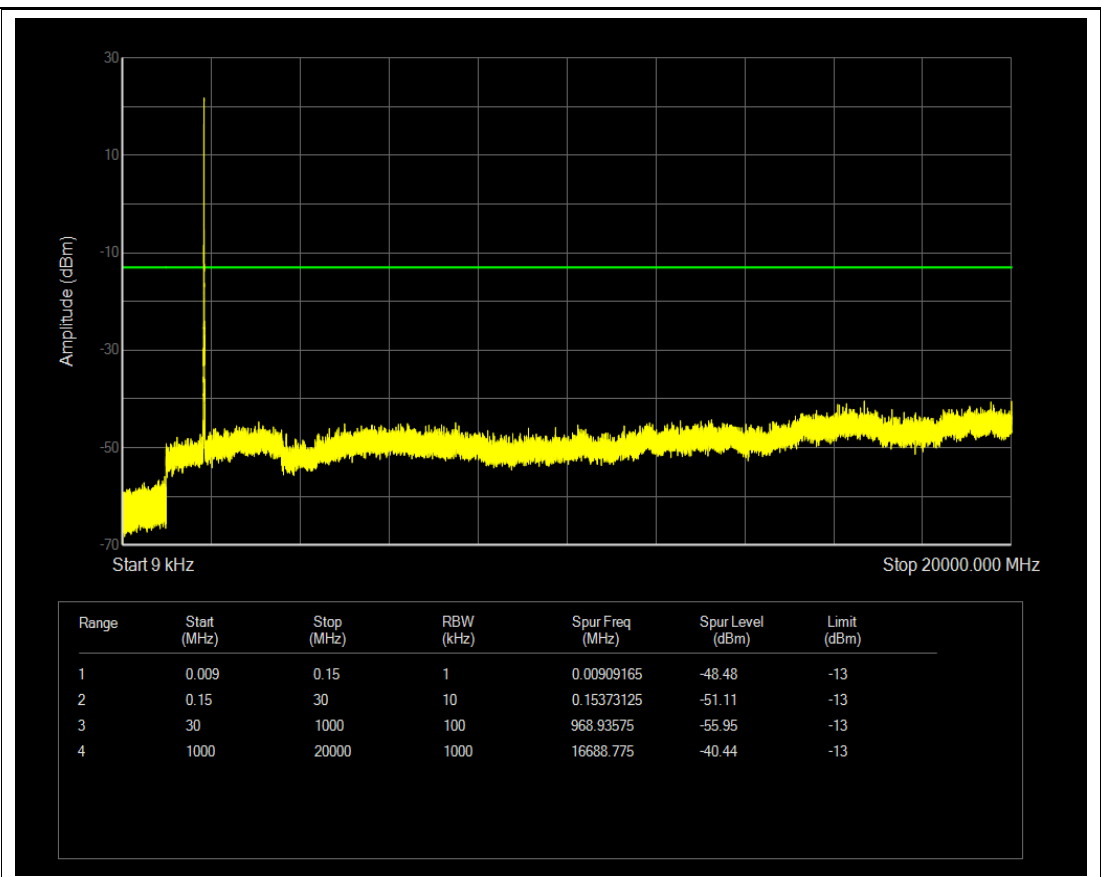
Band2 16QAM BW=3MHz Channel=18900 RB Size=15 Position=#0



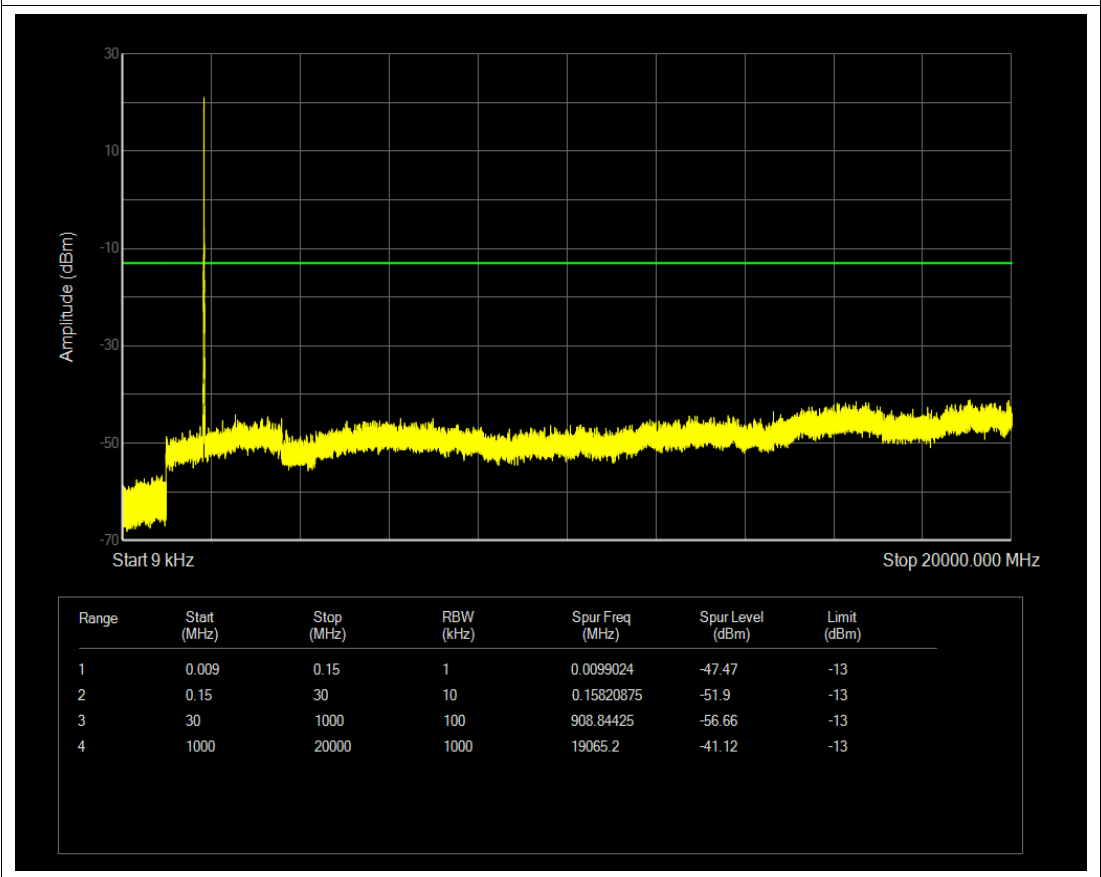
Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



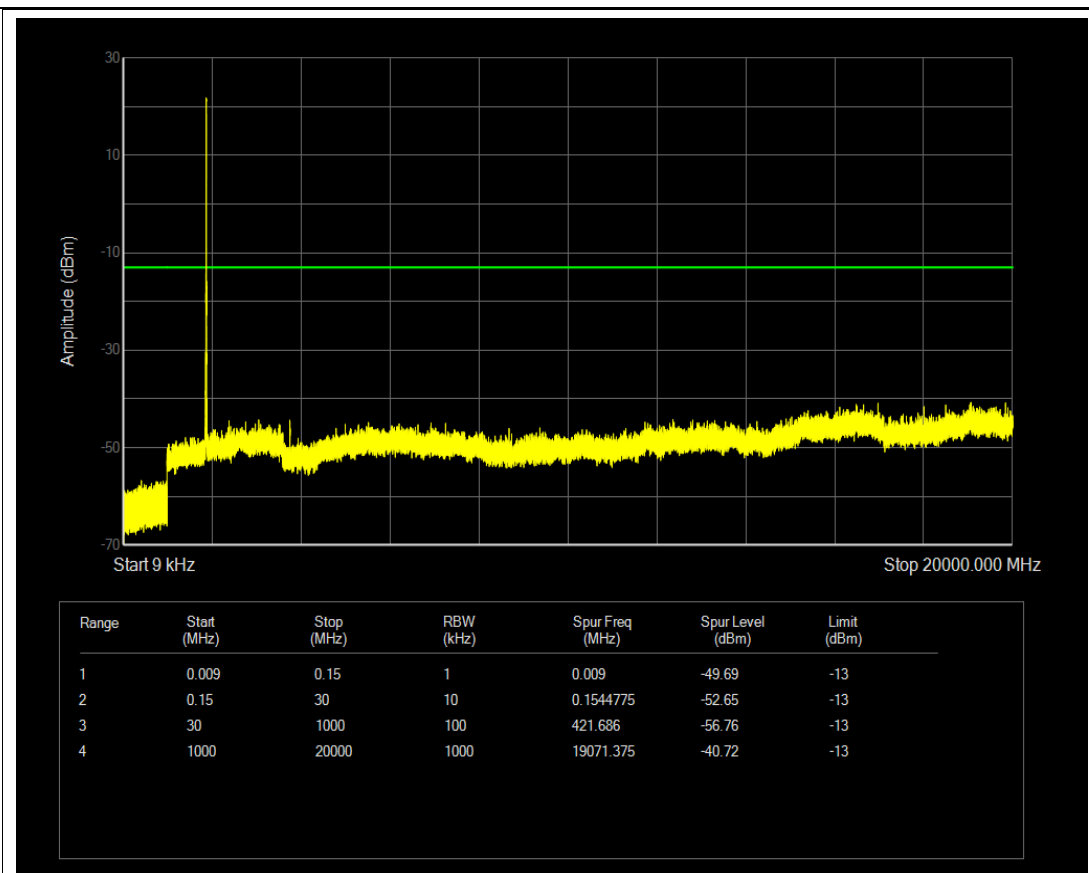
Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0



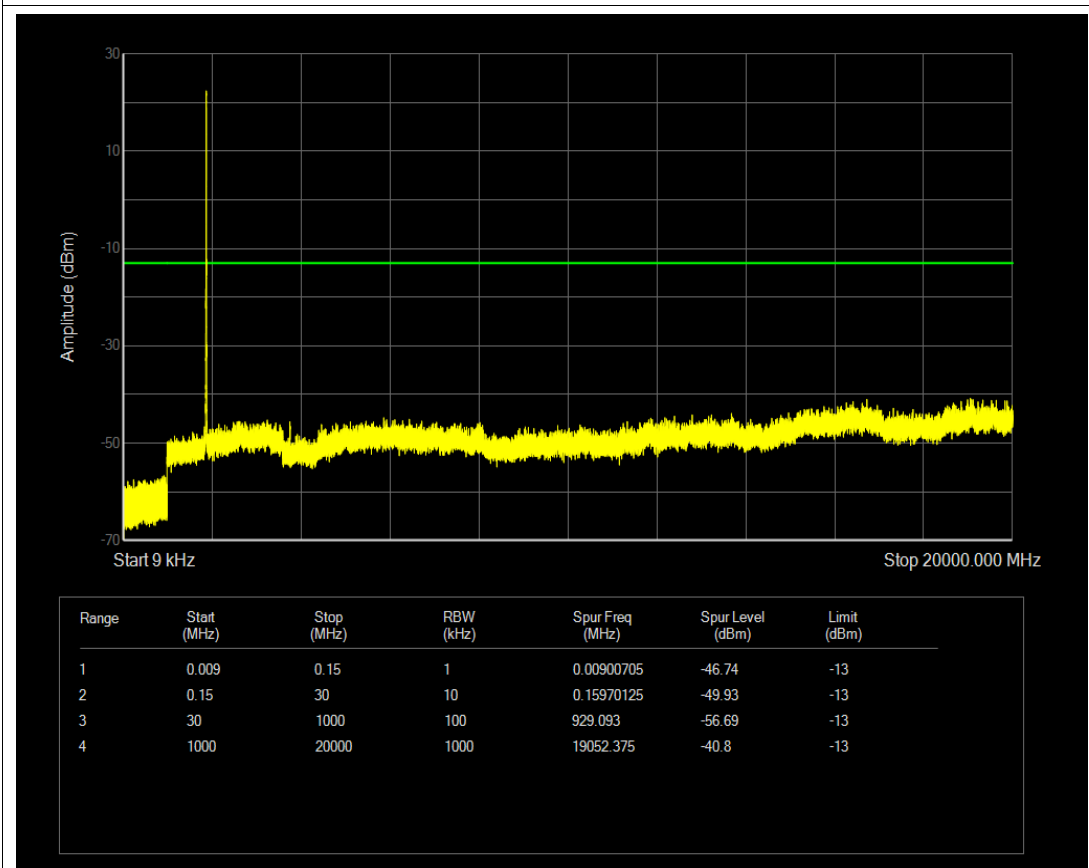
Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



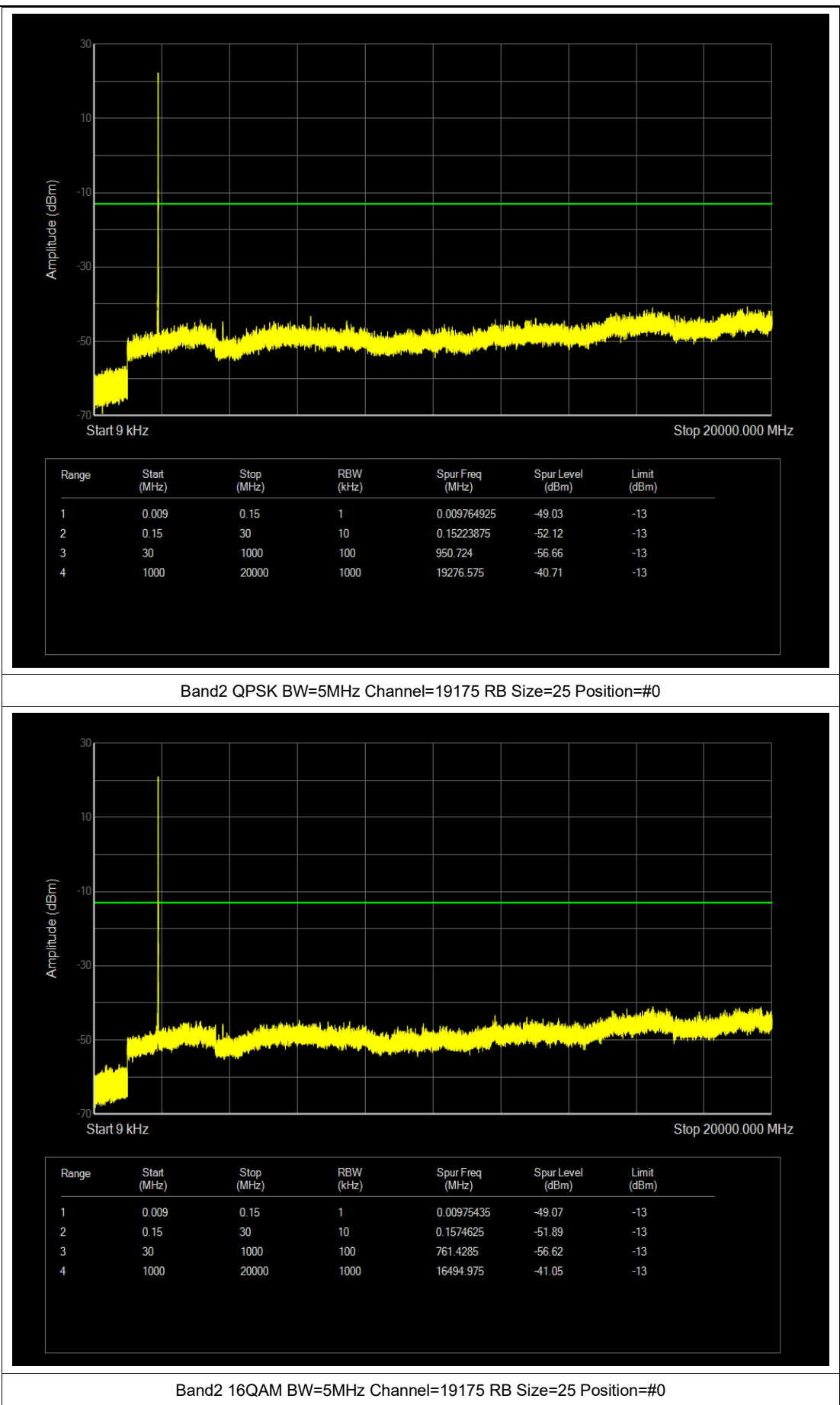
Band2 16QAM BW=5MHz Channel=18625 RB Size=25 Position=#0

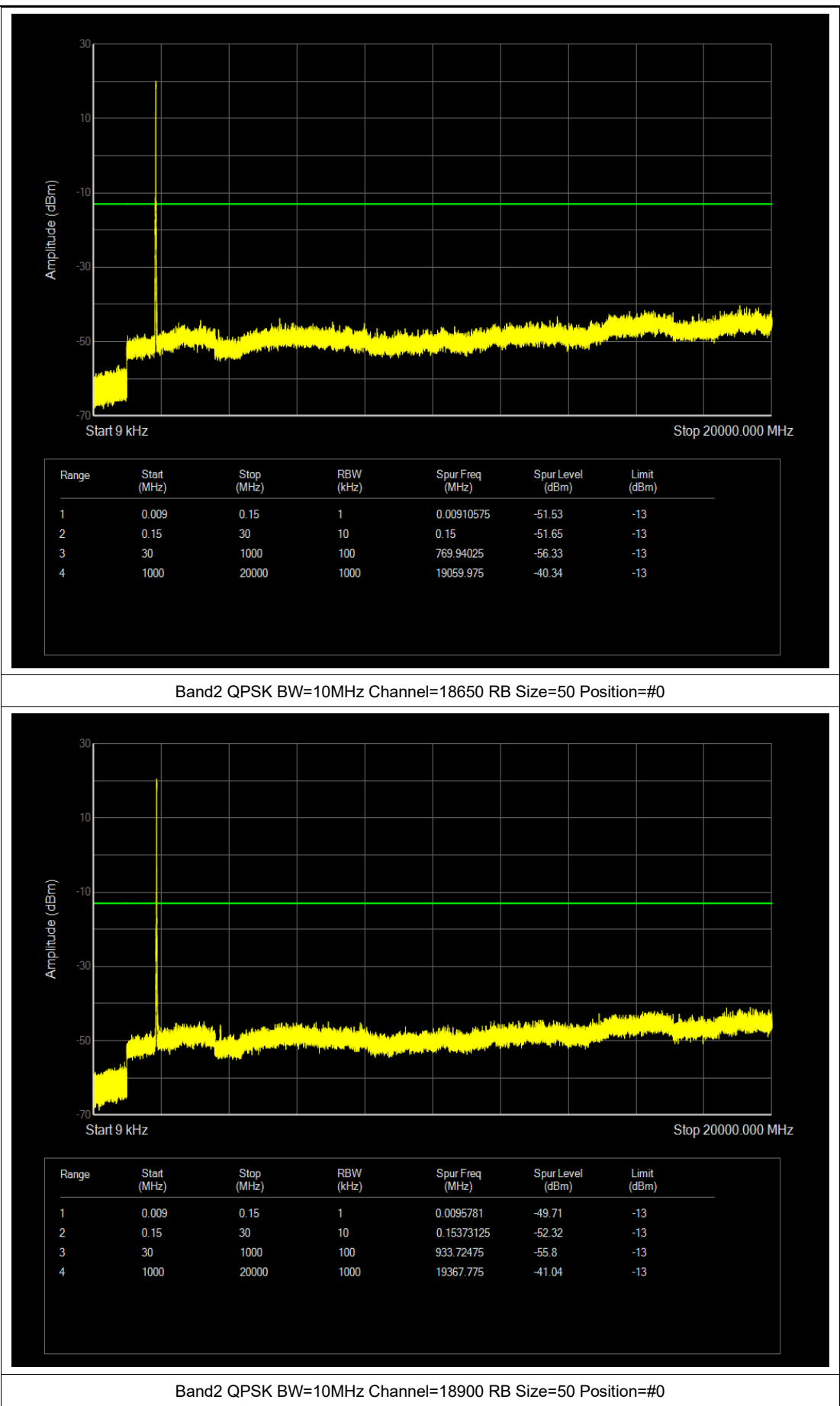


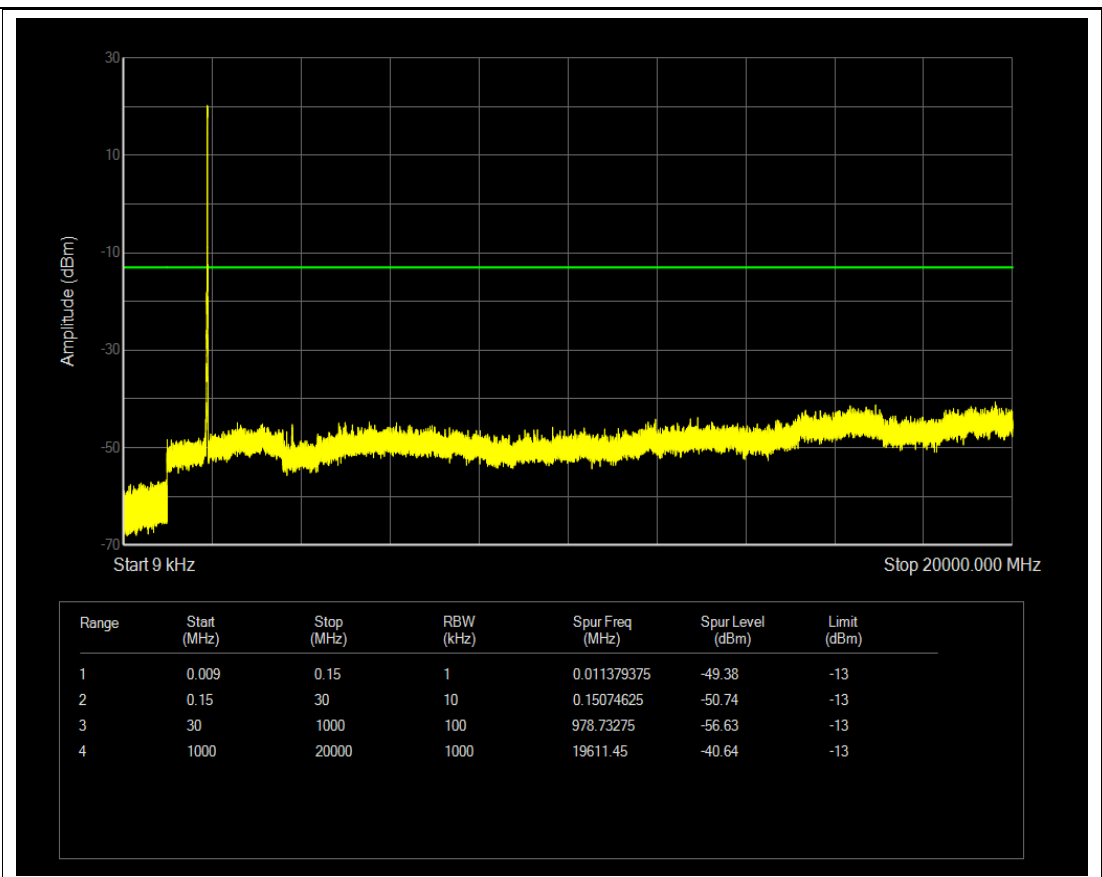
Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0



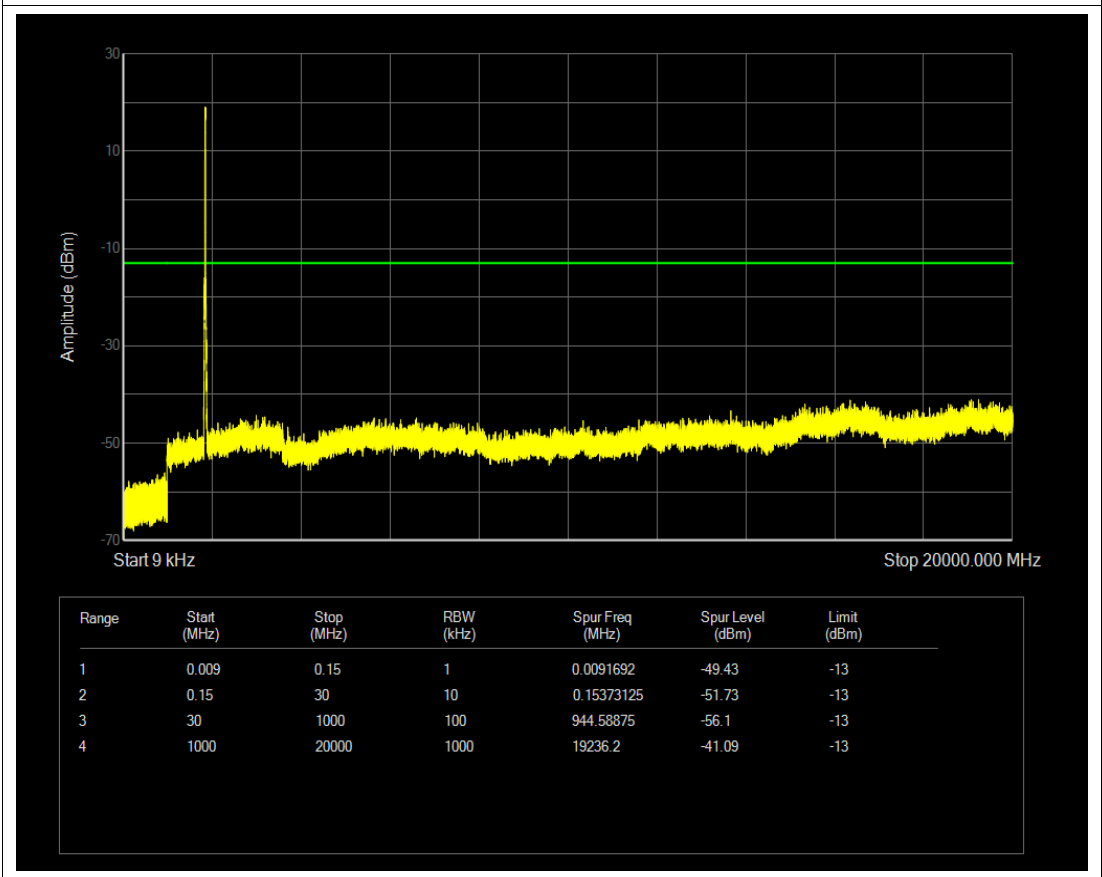
Band2 16QAM BW=5MHz Channel=18900 RB Size=25 Position=#0



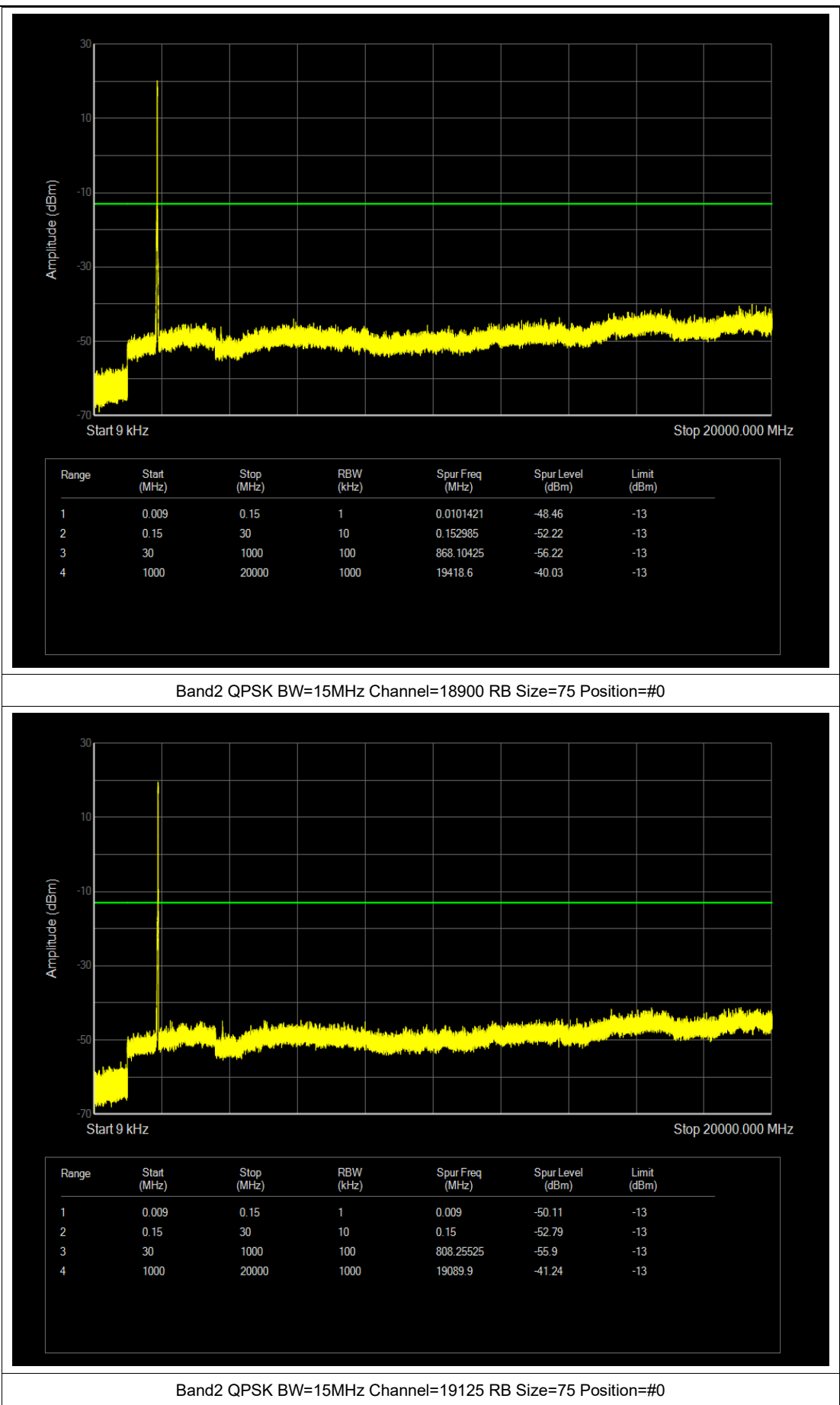


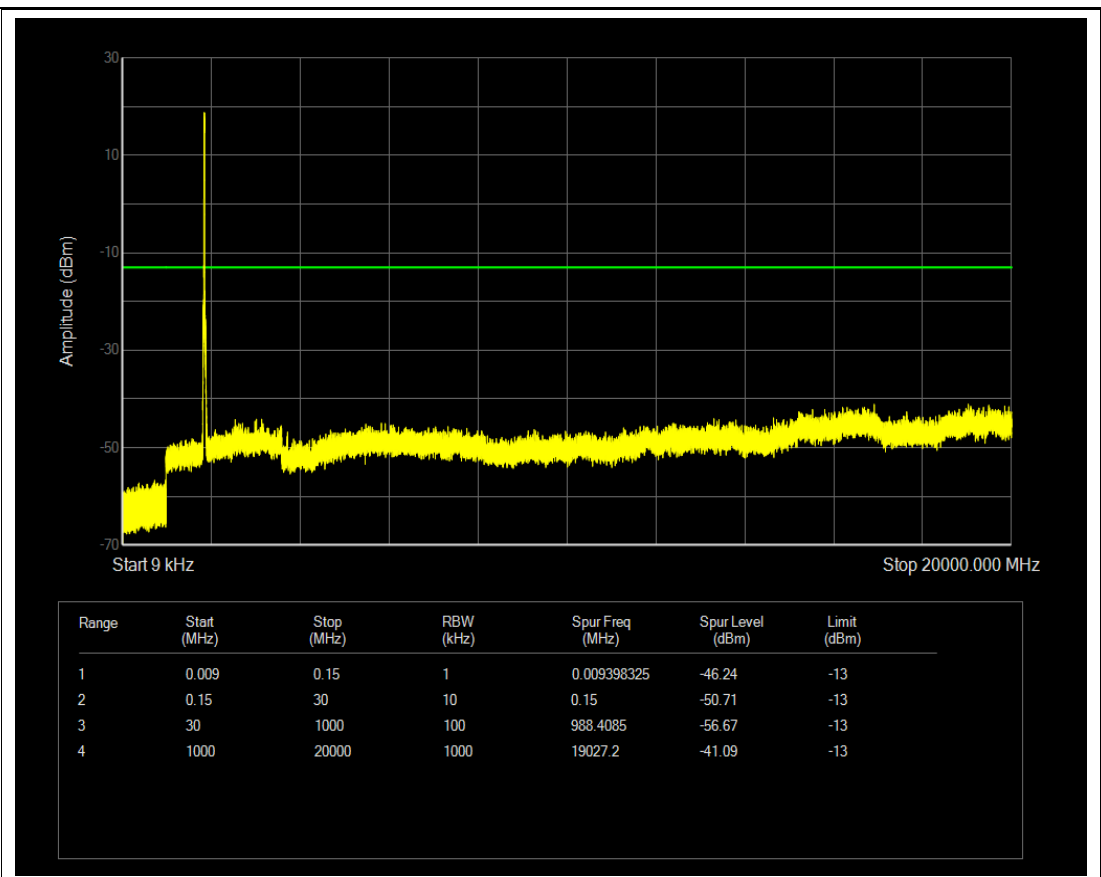


Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0

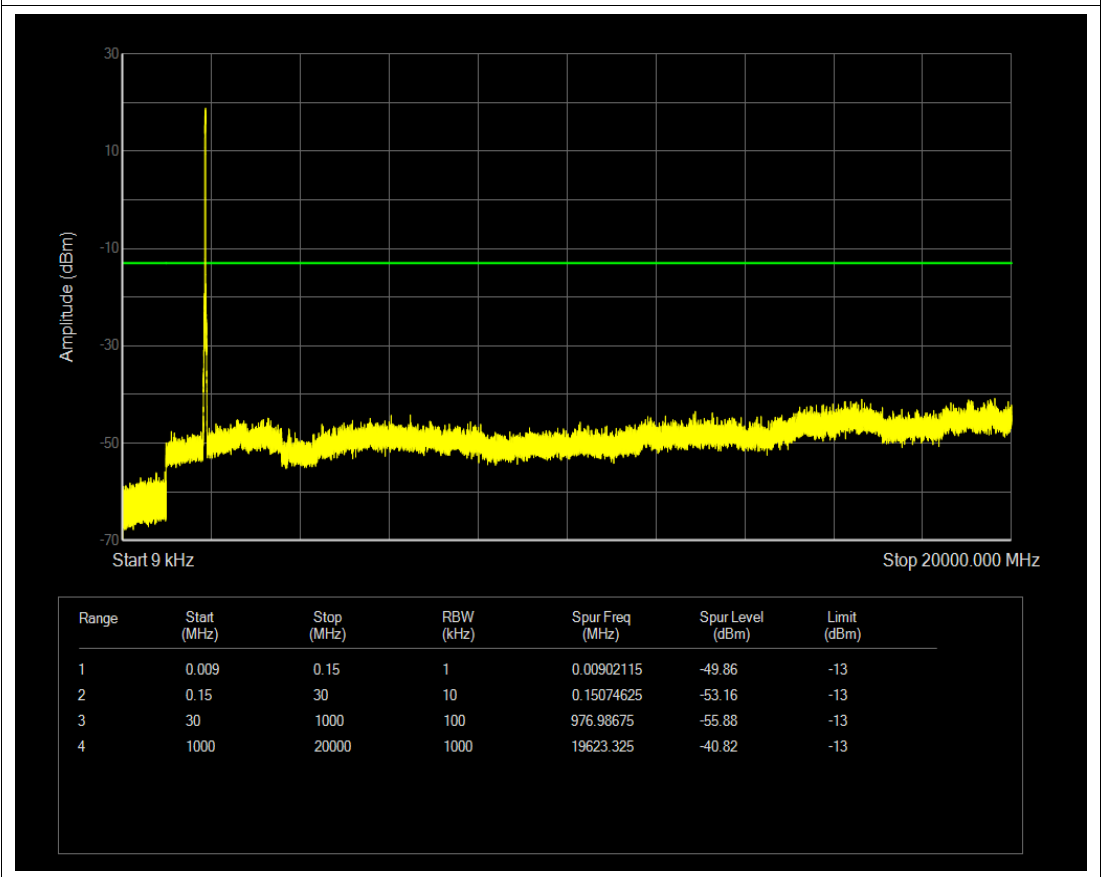


Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0





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



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

