Band66	5	132647	1	#Mid	QAM16	23.31	1.74	25.05	319.89	1000	PASS
Band66	5	132647	1	#Max	QAM16	23.26	1.74	25.00	316.23	1000	PASS
Band66	5	132647	12	#0	QAM16	22.46	1.74	24.20	263.03	1000	PASS
Band66	5	132647	12	#Max	QAM16	22.32	1.74	24.06	254.68	1000	PASS
Band66	5	132647	25	#0	QAM16	22.41	1.74	24.15	260.02	1000	PASS
Band66	10	132022	1	#0	QPSK	24.54	1.74	26.28	424.62	1000	PASS
Band66	10	132022	1	#Mid	QPSK	24.36	1.74	26.10	407.38	1000	PASS
Band66	10	132022	1	#Max	QPSK	24.34	1.74	26.08	405.51	1000	PASS
Band66	10	132022	25	#0	QPSK	23.76	1.74	25.50	354.81	1000	PASS
Band66	10	132022	25	#Max	QPSK	23.54	1.74	25.28	337.29	1000	PASS
Band66	10	132022	50	#0	QPSK	23.63	1.74	25.37	344.35	1000	PASS
Band66	10	132022	1	#0	QAM16	23.95	1.74	25.69	370.68	1000	PASS
Band66	10	132022	1	#Mid	QAM16	23.70	1.74	25.44	349.95	1000	PASS
Band66	10	132022	1	#Max	QAM16	23.71	1.74	25.45	350.75	1000	PASS
Band66	10	132022	25	#0	QAM16	22.72	1.74	24.46	279.25	1000	PASS
Band66	10	132022	25	#Max	QAM16	22.49	1.74	24.23	264.85	1000	PASS
Band66	10	132322	1	#0	QPSK	23.68	1.74	25.42	348.34	1000	PASS
Band66	10	132322	1	#Mid	QPSK	23.93	1.74	25.67	368.98	1000	PASS
Band66	10	132322	1	#Max	QPSK	24.17	1.74	25.91	389.94	1000	PASS
Band66	10	132322	25	#0	QPSK	23.00	1.74	24.74	297.85	1000	PASS
Band66	10	132322	25	#Max	QPSK	23.41	1.74	25.15	327.34	1000	PASS
Band66	10	132322	50	#0	QPSK	23.24	1.74	24.98	314.77	1000	PASS
Band66	10	132322	1	#0	QAM16	23.08	1.74	24.82	303.39	1000	PASS
Band66	10	132322	1	#Mid	QAM16	23.39	1.74	25.13	325.84	1000	PASS
Band66	10	132322	1	#Max	QAM16	23.66	1.74	25.40	346.74	1000	PASS
Band66	10	132322	25	#0	QAM16	22.17	1.74	23.91	246.04	1000	PASS
Band66	10	132322	25	#Max	QAM16	22.64	1.74	24.38	274.16	1000	PASS
Band66	10	132622	1	#0	QPSK	24.29	1.74	26.03	400.87	1000	PASS
Band66	10	132622	1	#Mid	QPSK	23.84	1.74	25.58	361.41	1000	PASS
Band66	10	132622	1	#Max	QPSK	23.62	1.74	25.36	343.56	1000	PASS
Band66	10	132622	25	#0	QPSK	23.21	1.74	24.95	312.61	1000	PASS
Band66	10	132622	25	#Max	QPSK	22.92	1.74	24.66	292.42	1000	PASS
Band66	10	132622	50	#0	QPSK	23.08	1.74	24.82	303.39	1000	PASS
Band66	10	132622	1	#0	QAM16	23.26	1.74	25.00	316.23	1000	PASS
Band66	10	132622	1	#Mid	QAM16	22.85	1.74	24.59	287.74	1000	PASS
Band66	10	132622	1	#Max	QAM16	22.70	1.74	24.44	277.97	1000	PASS
Band66	10	132622	25	#0	QAM16	22.34	1.74	24.08	255.86	1000	PASS
Band66	10	132622	25	#Max	QAM16	21.97	1.74	23.71	234.96	1000	PASS
Band66	15	132047	1	#0	QPSK	24.36	1.74	26.10	407.38	1000	PASS
Band66	15	132047	1	#Mid	QPSK	24.16	1.74	25.90	389.05	1000	PASS
Band66	15	132047	1	#Max	QPSK	24.01	1.74	25.75	375.84	1000	PASS
Band66	15	132047	36	#0	QPSK	23.56	1.74	25.30	338.84	1000	PASS
Band66	15	132047	36	#Max	QPSK	23.43	1.74	25.17	328.85	1000	PASS
Band66	15	132047	75	#0	QPSK	23.50	1.74	25.24	334.20	1000	PASS

Band66	15	132047	1	#0	QAM16	23.76	1.74	25.50	354.81	1000	PASS
Band66	15	132047	1	#Mid	QAM16	23.57	1.74	25.31	339.63	1000	PASS
Band66	15	132047	1	#Max	QAM16	23.47	1.74	25.21	331.89	1000	PASS
Band66	15	132322	1	#0	QPSK	23.25	1.74	24.99	315.50	1000	PASS
Band66	15	132322	1	#Mid	QPSK	23.99	1.74	25.73	374.11	1000	PASS
Band66	15	132322	1	#Max	QPSK	24.09	1.74	25.83	382.82	1000	PASS
Band66	15	132322	36	#0	QPSK	22.89	1.74	24.63	290.40	1000	PASS
Band66	15	132322	36	#Max	QPSK	23.49	1.74	25.23	333.43	1000	PASS
Band66	15	132322	75	#0	QPSK	23.21	1.74	24.95	312.61	1000	PASS
Band66	15	132322	1	#0	QAM16	22.68	1.74	24.42	276.69	1000	PASS
Band66	15	132322	1	#Mid	QAM16	23.49	1.74	25.23	333.43	1000	PASS
Band66	15	132322	1	#Max	QAM16	23.64	1.74	25.38	345.14	1000	PASS
Band66	15	132597	1	#0	QPSK	24.27	1.74	26.01	399.02	1000	PASS
Band66	15	132597	1	#Mid	QPSK	23.96	1.74	25.70	371.54	1000	PASS
Band66	15	132597	1	#Max	QPSK	23.44	1.74	25.18	329.61	1000	PASS
Band66	15	132597	36	#0	QPSK	23.41	1.74	25.15	327.34	1000	PASS
Band66	15	132597	36	#Max	QPSK	23.00	1.74	24.74	297.85	1000	PASS
Band66	15	132597	75	#0	QPSK	23.18	1.74	24.92	310.46	1000	PASS
Band66	15	132597	1	#0	QAM16	23.52	1.74	25.26	335.74	1000	PASS
Band66	15	132597	1	#Mid	QAM16	23.17	1.74	24.91	309.74	1000	PASS
Band66	15	132597	1	#Max	QAM16	22.70	1.74	24.44	277.97	1000	PASS
Band66	20	132072	1	#0	QPSK	24.46	1.74	26.20	416.87	1000	PASS
Band66	20	132072	1	#Mid	QPSK	24.10	1.74	25.84	383.71	1000	PASS
Band66	20	132072	1	#Max	QPSK	24.13	1.74	25.87	386.37	1000	PASS
Band66	20	132072	50	#0	QPSK	23.53	1.74	25.27	336.51	1000	PASS
Band66	20	132072	50	#Max	QPSK	23.27	1.74	25.01	316.96	1000	PASS
Band66	20	132072	100	#0	QPSK	23.37	1.74	25.11	324.34	1000	PASS
Band66	20	132072	1	#0	QAM16	23.88	1.74	25.62	364.75	1000	PASS
Band66	20	132072	1	#Mid	QAM16	23.56	1.74	25.30	338.84	1000	PASS
Band66	20	132072	1	#Max	QAM16	23.57	1.74	25.31	339.63	1000	PASS
Band66	20	132322	1	#0	QPSK	23.34	1.74	25.08	322.11	1000	PASS
Band66	20	132322	1	#Mid	QPSK	24.06	1.74	25.80	380.19	1000	PASS
Band66	20	132322	1	#Max	QPSK	24.29	1.74	26.03	400.87	1000	PASS
Band66	20	132322	50	#0	QPSK	22.73	1.74	24.47	279.90	1000	PASS
Band66	20	132322	50	#Max	QPSK	23.51	1.74	25.25	334.97	1000	PASS
Band66	20	132322	100	#0	QPSK	23.16	1.74	24.90	309.03	1000	PASS
Band66	20	132322	1	#0	QAM16	22.52	1.74	24.26	266.69	1000	PASS
Band66	20	132322	1	#Mid	QAM16	23.35	1.74	25.09	322.85	1000	PASS
Band66	20	132322	1	#Max	QAM16	23.65	1.74	25.39	345.94	1000	PASS
Band66	20	132572	1	#0	QPSK	24.36	1.74	26.10	407.38	1000	PASS
Band66	20	132572	1	#Mid	QPSK	23.96	1.74	25.70	371.54	1000	PASS
Band66	20	132572	1	#Max	QPSK	23.43	1.74	25.17	328.85	1000	PASS
Band66	20	132572	50	#0	QPSK	23.63	1.74	25.37	344.35	1000	PASS
Band66	20	132572	50	#Max	QPSK	22.99	1.74	24.73	297.17	1000	PASS

Band66	20	132572	100	#0	QPSK	23.32	1.74	25.06	320.63	1000	PASS
Band66	20	132572	1	#0	QAM16	23.68	1.74	25.42	348.34	1000	PASS
Band66	20	132572	1	#Mid	QAM16	23.11	1.74	24.85	305.49	1000	PASS
Band66	20	132572	1	#Max	QAM16	22.62	1.74	24.36	272.90	1000	PASS
Band71	5	133147	1	#0	QPSK	25.61	1.86	25.32	340.41	7000	PASS
Band71	5	133147	1	#Mid	QPSK	25.52	1.86	25.23	333.43	7000	PASS
Band71	5	133147	1	#Max	QPSK	25.66	1.86	25.37	344.35	7000	PASS
Band71	5	133147	12	#0	QPSK	24.95	1.86	24.66	292.42	7000	PASS
Band71	5	133147	12	#Max	QPSK	24.83	1.86	24.54	284.45	7000	PASS
Band71	5	133147	25	#0	QPSK	24.88	1.86	24.59	287.74	7000	PASS
Band71	5	133147	1	#0	QAM16	24.95	1.86	24.66	292.42	7000	PASS
Band71	5	133147	1	#Mid	QAM16	24.88	1.86	24.59	287.74	7000	PASS
Band71	5	133147	1	#Max	QAM16	24.99	1.86	24.70	295.12	7000	PASS
Band71	5	133147	12	#0	QAM16	24.21	1.86	23.92	246.60	7000	PASS
Band71	5	133147	12	#Max	QAM16	24.07	1.86	23.78	238.78	7000	PASS
Band71	5	133147	25	#0	QAM16	24.07	1.86	23.78	238.78	7000	PASS
Band71	5	133297	1	#0	QPSK	25.99	1.86	25.70	371.54	7000	PASS
Band71	5	133297	1	#Mid	QPSK	25.78	1.86	25.49	354.00	7000	PASS
Band71	5	133297	1	#Max	QPSK	25.66	1.86	25.37	344.35	7000	PASS
Band71	5	133297	12	#0	QPSK	25.01	1.86	24.72	296.48	7000	PASS
Band71	5	133297	12	#Max	QPSK	24.71	1.86	24.42	276.69	7000	PASS
Band71	5	133297	25	#0	QPSK	24.89	1.86	24.60	288.40	7000	PASS
Band71	5	133297	1	#0	QAM16	25.21	1.86	24.92	310.46	7000	PASS
Band71	5	133297	1	#Mid	QAM16	24.97	1.86	24.68	293.76	7000	PASS
Band71	5	133297	1	#Max	QAM16	24.82	1.86	24.53	283.79	7000	PASS
Band71	5	133297	12	#0	QAM16	24.00	1.86	23.71	234.96	7000	PASS
Band71	5	133297	12	#Max	QAM16	23.65	1.86	23.36	216.77	7000	PASS
Band71	5	133297	25	#0	QAM16	23.86	1.86	23.57	227.51	7000	PASS
Band71	5	133447	1	#0	QPSK	25.50	1.86	25.21	331.89	7000	PASS
Band71	5	133447	1	#Mid	QPSK	25.41	1.86	25.12	325.09	7000	PASS
Band71	5	133447	1	#Max	QPSK	25.87	1.86	25.58	361.41	7000	PASS
Band71	5	133447	12	#0	QPSK	24.85	1.86	24.56	285.76	7000	PASS
Band71	5	133447	12	#Max	QPSK	24.89	1.86	24.60	288.40	7000	PASS
Band71	5	133447	25	#0	QPSK	24.86	1.86	24.57	286.42	7000	PASS
Band71	5	133447	1	#0	QAM16	24.81	1.86	24.52	283.14	7000	PASS
Band71	5	133447	1	#Mid	QAM16	24.68	1.86	24.39	274.79	7000	PASS
Band71	5	133447	1	#Max	QAM16	25.15	1.86	24.86	306.20	7000	PASS
Band71	5	133447	12	#0	QAM16	23.84	1.86	23.55	226.46	7000	PASS
Band71	5	133447	12	#Max	QAM16	23.81	1.86	23.52	224.91	7000	PASS
Band71	5	133447	25	#0	QAM16	23.84	1.86	23.55	226.46	7000	PASS
Band71	10	133172	1	#0	QPSK	25.90	1.86	25.61	363.92	7000	PASS
Band71	10	133172	1	#Mid	QPSK	25.81	1.86	25.52	356.45	7000	PASS
Band71	10	133172	1	#Max	QPSK	25.94	1.86	25.65	367.28	7000	PASS
Band71	10	133172	25	#0	QPSK	25.57	1.86	25.28	337.29	7000	PASS

Band71	10	133172	25	#Max	QPSK	25.37	1.86	25.08	322.11	7000	PASS
Band71	10	133172	50	#0	QPSK	25.45	1.86	25.16	328.10	7000	PASS
Band71	10	133172	1	#0	QAM16	25.44	1.86	25.15	327.34	7000	PASS
Band71	10	133172	1	#Mid	QAM16	25.32	1.86	25.03	318.42	7000	PASS
Band71	10	133172	1	#Max	QAM16	25.53	1.86	25.24	334.20	7000	PASS
Band71	10	133172	25	#0	QAM16	24.86	1.86	24.57	286.42	7000	PASS
Band71	10	133172	25	#Max	QAM16	24.66	1.86	24.37	273.53	7000	PASS
Band71	10	133297	1	#0	QPSK	25.77	1.86	25.48	353.18	7000	PASS
Band71	10	133297	1	#Mid	QPSK	25.87	1.86	25.58	361.41	7000	PASS
Band71	10	133297	1	#Max	QPSK	25.55	1.86	25.26	335.74	7000	PASS
Band71	10	133297	25	#0	QPSK	25.16	1.86	24.87	306.90	7000	PASS
Band71	10	133297	25	#Max	QPSK	24.68	1.86	24.39	274.79	7000	PASS
Band71	10	133297	50	#0	QPSK	24.95	1.86	24.66	292.42	7000	PASS
Band71	10	133297	1	#0	QAM16	25.20	1.86	24.91	309.74	7000	PASS
Band71	10	133297	1	#Mid	QAM16	25.12	1.86	24.83	304.09	7000	PASS
Band71	10	133297	1	#Max	QAM16	24.68	1.86	24.39	274.79	7000	PASS
Band71	10	133297	25	#0	QAM16	24.22	1.86	23.93	247.17	7000	PASS
Band71	10	133297	25	#Max	QAM16	23.51	1.86	23.22	209.89	7000	PASS
Band71	10	133422	1	#0	QPSK	25.37	1.86	25.08	322.11	7000	PASS
Band71	10	133422	1	#Mid	QPSK	25.32	1.86	25.03	318.42	7000	PASS
Band71	10	133422	1	#Max	QPSK	25.73	1.86	25.44	349.95	7000	PASS
Band71	10	133422	25	#0	QPSK	24.14	1.86	23.85	242.66	7000	PASS
Band71	10	133422	25	#Max	QPSK	24.40	1.86	24.11	257.63	7000	PASS
Band71	10	133422	50	#0	QPSK	24.24	1.86	23.95	248.31	7000	PASS
Band71	10	133422	1	#0	QAM16	23.85	1.86	23.56	226.99	7000	PASS
Band71	10	133422	1	#Mid	QAM16	24.12	1.86	23.83	241.55	7000	PASS
Band71	10	133422	1	#Max	QAM16	24.34	1.86	24.05	254.10	7000	PASS
Band71	10	133422	25	#0	QAM16	22.96	1.86	22.67	184.93	7000	PASS
Band71	10	133422	25	#Max	QAM16	23.33	1.86	23.04	201.37	7000	PASS
Band71	15	133197	1	#0	QPSK	25.85	1.86	25.56	359.75	7000	PASS
Band71	15	133197	1	#Mid	QPSK	25.71	1.86	25.42	348.34	7000	PASS
Band71	15	133197	1	#Max	QPSK	26.40	1.86	26.11	408.32	7000	PASS
Band71	15	133197	36	#0	QPSK	25.46	1.86	25.17	328.85	7000	PASS
Band71	15	133197	36	#Max	QPSK	25.75	1.86	25.46	351.56	7000	PASS
Band71	15	133197	75	#0	QPSK	25.61	1.86	25.32	340.41	7000	PASS
Band71	15	133197	1	#0	QAM16	25.40	1.86	25.11	324.34	7000	PASS
Band71	15	133197	1	#Mid	QAM16	25.22	1.86	24.93	311.17	7000	PASS
Band71	15	133197	1	#Max	QAM16	26.00	1.86	25.71	372.39	7000	PASS
Band71	15	133297	1	#0	QPSK	25.50	1.86	25.21	331.89	7000	PASS
Band71	15	133297	1	#Mid	QPSK	25.84	1.86	25.55	358.92	7000	PASS
Band71	15	133297	1	#Max	QPSK	25.18	1.86	24.89	308.32	7000	PASS
Band71	15	133297	36	#0	QPSK	24.97	1.86	24.68	293.76	7000	PASS
Band71	15	133297	36	#Max	QPSK	24.45	1.86	24.16	260.62	7000	PASS
Band71	15	133297	75	#0	QPSK	24.74	1.86	24.45	278.61	7000	PASS

Band71	15	133297	1	#0	QAM16	24.67	1.86	24.38	274.16	7000	PASS
Band71	15	133297	1	#Mid	QAM16	25.08	1.86	24.79	301.30	7000	PASS
Band71	15	133297	1	#Max	QAM16	24.41	1.86	24.12	258.23	7000	PASS
Band71	15	133397	1	#0	QPSK	25.42	1.86	25.13	325.84	7000	PASS
Band71	15	133397	1	#Mid	QPSK	24.97	1.86	24.68	293.76	7000	PASS
Band71	15	133397	1	#Max	QPSK	25.43	1.86	25.14	326.59	7000	PASS
Band71	15	133397	36	#0	QPSK	24.67	1.86	24.38	274.16	7000	PASS
Band71	15	133397	36	#Max	QPSK	24.83	1.86	24.54	284.45	7000	PASS
Band71	15	133397	75	#0	QPSK	24.80	1.86	24.51	282.49	7000	PASS
Band71	15	133397	1	#0	QAM16	24.67	1.86	24.38	274.16	7000	PASS
Band71	15	133397	1	#Mid	QAM16	24.42	1.86	24.13	258.82	7000	PASS
Band71	15	133397	1	#Max	QAM16	24.84	1.86	24.55	285.10	7000	PASS
Band71	20	133222	1	#0	QPSK	25.34	1.86	25.05	319.89	7000	PASS
Band71	20	133222	1	#Mid	QPSK	25.42	1.86	25.13	325.84	7000	PASS
Band71	20	133222	1	#Max	QPSK	25.75	1.86	25.46	351.56	7000	PASS
Band71	20	133222	50	#0	QPSK	24.39	1.86	24.10	257.04	7000	PASS
Band71	20	133222	50	#Max	QPSK	25.24	1.86	24.95	312.61	7000	PASS
Band71	20	133222	100	#0	QPSK	24.89	1.86	24.60	288.40	7000	PASS
Band71	20	133222	1	#0	QAM16	24.75	1.86	24.46	279.25	7000	PASS
Band71	20	133222	1	#Mid	QAM16	24.82	1.86	24.53	283.79	7000	PASS
Band71	20	133222	1	#Max	QAM16	25.19	1.86	24.90	309.03	7000	PASS
Band71	20	133322	1	#0	QPSK	26.04	1.86	25.75	375.84	7000	PASS
Band71	20	133322	1	#Mid	QPSK	26.11	1.86	25.82	381.94	7000	PASS
Band71	20	133322	1	#Max	QPSK	25.40	1.86	25.11	324.34	7000	PASS
Band71	20	133322	50	#0	QPSK	25.70	1.86	25.41	347.54	7000	PASS
Band71	20	133322	50	#Max	QPSK	25.13	1.86	24.84	304.79	7000	PASS
Band71	20	133322	100	#0	QPSK	25.39	1.86	25.10	323.59	7000	PASS
Band71	20	133322	1	#0	QAM16	25.36	1.86	25.07	321.37	7000	PASS
Band71	20	133322	1	#Mid	QAM16	25.40	1.86	25.11	324.34	7000	PASS
Band71	20	133322	1	#Max	QAM16	24.86	1.86	24.57	286.42	7000	PASS
Band71	20	133372	1	#0	QPSK	25.89	1.86	25.60	363.08	7000	PASS
Band71	20	133372	1	#Mid	QPSK	25.12	1.86	24.83	304.09	7000	PASS
Band71	20	133372	1	#Max	QPSK	25.38	1.86	25.09	322.85	7000	PASS
Band71	20	133372	50	#0	QPSK	24.83	1.86	24.54	284.45	7000	PASS
Band71	20	133372	50	#Max	QPSK	24.73	1.86	24.44	277.97	7000	PASS
Band71	20	133372	100	#0	QPSK	24.83	1.86	24.54	284.45	7000	PASS
Band71	20	133372	1	#0	QAM16	25.14	1.86	24.85	305.49	7000	PASS
Band71	20	133372	1	#Mid	QAM16	24.32	1.86	24.03	252.93	7000	PASS
Band71	20	133372	1	#Max	QAM16	24.69	1.86	24.40	275.42	7000	PASS

2 Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (℃)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
Band12	10	23060	50	#0	QPSK	VL	NT	-3.79	-0.005	±2.5	PASS

Band12	10	23060	50	#0	QPSK	VN	NT	-3.37	-0.005	±2.5	PASS
Band12	10	23060	50	#0	QPSK	VH	NT	-2.37	-0.003	±2.5	PASS
Band12	10	23060	50	#0	QPSK	NV	50	-2.24	-0.003	±2.5	PASS
Band12	10	23060	50	#0	QPSK	NV	40	-1.78	-0.003	±2.5	PASS
Band12	10	23060	50	#0	QPSK	NV	30	-1.37	-0.002	±2.5	PASS
Band12	10	23060	50	#0	QPSK	NV	20	-1.55	-0.002	±2.5	PASS
Band12	10	23060	50	#0	QPSK	NV	10	-1.68	-0.002	±2.5	PASS
Band12	10	23060	50	#0	QPSK	NV	0	-0.92	-0.001	±2.5	PASS
Band12	10	23060	50	#0	QPSK	NV	-10	-0.80	-0.001	±2.5	PASS
Band12	10	23060	50	#0	QPSK	NV	-20	-1.10	-0.002	±2.5	PASS
Band12	10	23060	50	#0	QPSK	NV	-30	-0.91	-0.001	±2.5	PASS
Band12	10	23095	50	#0	QPSK	VL	NT	-0.47	-0.001	±2.5	PASS
Band12	10	23095	50	#0	QPSK	VN	NT	-0.04	0.000	±2.5	PASS
Band12	10	23095	50	#0	QPSK	VH	NT	0.50	0.001	±2.5	PASS
Band12	10	23095	50	#0	QPSK	NV	50	-0.21	0.000	±2.5	PASS
Band12	10	23095	50	#0	QPSK	NV	40	0.38	0.001	±2.5	PASS
Band12	10	23095	50	#0	QPSK	NV	30	-0.47	-0.001	±2.5	PASS
Band12	10	23095	50	#0	QPSK	NV	20	-0.32	0.000	±2.5	PASS
Band12	10	23095	50	#0	QPSK	NV	10	-0.47	-0.001	±2.5	PASS
Band12	10	23095	50	#0	QPSK	NV	0	-0.77	-0.001	±2.5	PASS
Band12	10	23095	50	#0	QPSK	NV	-10	-0.22	0.000	±2.5	PASS
Band12	10	23095	50	#0	QPSK	NV	-20	-0.28	0.000	±2.5	PASS
Band12	10	23095	50	#0	QPSK	NV	-30	-0.22	0.000	±2.5	PASS
Band12	10	23130	50	#0	QPSK	VL	NT	-0.40	-0.001	±2.5	PASS
Band12	10	23130	50	#0	QPSK	VN	NT	-1.17	-0.002	±2.5	PASS
Band12	10	23130	50	#0	QPSK	VH	NT	-0.82	-0.001	±2.5	PASS
Band12	10	23130	50	#0	QPSK	NV	50	-0.92	-0.001	±2.5	PASS
Band12	10	23130	50	#0	QPSK	NV	40	-0.30	0.000	±2.5	PASS
Band12	10	23130	50	#0	QPSK	NV	30	-0.74	-0.001	±2.5	PASS
Band12	10	23130	50	#0	QPSK	NV	20	-0.87	-0.001	±2.5	PASS
Band12	10	23130	50	#0	QPSK	NV	10	-0.38	-0.001	±2.5	PASS
Band12	10	23130	50	#0	QPSK	NV	0	-0.48	-0.001	±2.5	PASS
Band12	10	23130	50	#0	QPSK	NV	-10	-0.22	0.000	±2.5	PASS
Band12	10	23130	50	#0	QPSK	NV	-20	-0.75	-0.001	±2.5	PASS
Band12	10	23130	50	#0	QPSK	NV	-30	-0.35	0.000	±2.5	PASS
Band13	10	23230	50	#0	QPSK	VL	NT	-4.54	-0.006	±2.5	PASS
Band13	10	23230	50	#0	QPSK	VN	NT	-3.96	-0.005	±2.5	PASS
Band13	10	23230	50	#0	QPSK	VH	NT	-1.94	-0.002	±2.5	PASS
Band13	10	23230	50	#0	QPSK	NV	50	-1.71	-0.002	±2.5	PASS
Band13	10	23230	50	#0	QPSK	NV	40	-2.04	-0.003	±2.5	PASS
Band13	10	23230	50	#0	QPSK	NV	30	-1.30	-0.002	±2.5	PASS
Band13	10	23230	50	#0	QPSK	NV	20	-1.15	-0.001	±2.5	PASS
Band13	10	23230	50	#0	QPSK	NV	10	-1.74	-0.002	±2.5	PASS
Band13	10	23230	50	#0	QPSK	NV	0	-1.77	-0.002	±2.5	PASS

Band13	10	23230	50	#0	QPSK	NV	-10	-1.10	-0.001	±2.5	PASS
Band13	10	23230	50	#0	QPSK	NV	-20	-1.40	-0.002	±2.5	PASS
Band13	10	23230	50	#0	QPSK	NV	-30	-1.05	-0.001	±2.5	PASS
Band2	20	18700	100	#0	QPSK	VL	NT	-16.10	-0.009	±2.5	PASS
Band2	20	18700	100	#0	QPSK	VN	NT	-11.14	-0.006	±2.5	PASS
Band2	20	18700	100	#0	QPSK	VH	NT	-7.82	-0.004	±2.5	PASS
Band2	20	18700	100	#0	QPSK	NV	50	-5.24	-0.003	±2.5	PASS
Band2	20	18700	100	#0	QPSK	NV	40	-3.81	-0.002	±2.5	PASS
Band2	20	18700	100	#0	QPSK	NV	30	-3.24	-0.002	±2.5	PASS
Band2	20	18700	100	#0	QPSK	NV	20	-1.98	-0.001	±2.5	PASS
Band2	20	18700	100	#0	QPSK	NV	10	-1.38	-0.001	±2.5	PASS
Band2	20	18700	100	#0	QPSK	NV	0	-1.85	-0.001	±2.5	PASS
Band2	20	18700	100	#0	QPSK	NV	-10	-0.71	0.000	±2.5	PASS
Band2	20	18700	100	#0	QPSK	NV	-20	0.78	0.000	±2.5	PASS
Band2	20	18700	100	#0	QPSK	NV	-30	1.41	0.001	±2.5	PASS
Band2	20	18900	100	#0	QPSK	VL	NT	2.76	0.001	±2.5	PASS
Band2	20	18900	100	#0	QPSK	VN	NT	5.02	0.003	±2.5	PASS
Band2	20	18900	100	#0	QPSK	VH	NT	3.46	0.002	±2.5	PASS
Band2	20	18900	100	#0	QPSK	NV	50	1.98	0.001	±2.5	PASS
Band2	20	18900	100	#0	QPSK	NV	40	4.84	0.003	±2.5	PASS
Band2	20	18900	100	#0	QPSK	NV	30	4.09	0.002	±2.5	PASS
Band2	20	18900	100	#0	QPSK	NV	20	2.78	0.001	±2.5	PASS
Band2	20	18900	100	#0	QPSK	NV	10	4.22	0.002	±2.5	PASS
Band2	20	18900	100	#0	QPSK	NV	0	3.06	0.002	±2.5	PASS
Band2	20	18900	100	#0	QPSK	NV	-10	3.89	0.002	±2.5	PASS
Band2	20	18900	100	#0	QPSK	NV	-20	3.89	0.002	±2.5	PASS
Band2	20	18900	100	#0	QPSK	NV	-30	3.61	0.002	±2.5	PASS
Band2	20	19100	100	#0	QPSK	VL	NT	3.71	0.002	±2.5	PASS
Band2	20	19100	100	#0	QPSK	VN	NT	3.07	0.002	±2.5	PASS
Band2	20	19100	100	#0	QPSK	VH	NT	2.78	0.001	±2.5	PASS
Band2	20	19100	100	#0	QPSK	NV	50	3.26	0.002	±2.5	PASS
Band2	20	19100	100	#0	QPSK	NV	40	1.73	0.001	±2.5	PASS
Band2	20	19100	100	#0	QPSK	NV	30	1.34	0.001	±2.5	PASS
Band2	20	19100	100	#0	QPSK	NV	20	2.57	0.001	±2.5	PASS
Band2	20	19100	100	#0	QPSK	NV	10	1.58	0.001	±2.5	PASS
Band2	20	19100	100	#0	QPSK	NV	0	2.70	0.001	±2.5	PASS
Band2	20	19100	100	#0	QPSK	NV	-10	2.17	0.001	±2.5	PASS
Band2	20	19100	100	#0	QPSK	NV	-20	1.97	0.001	±2.5	PASS
Band2	20	19100	100	#0	QPSK	NV	-30	2.40	0.001	±2.5	PASS
Band4	20	20050	100	#0	QPSK	VL	NT	-9.08	-0.005	±2.5	PASS
Band4	20	20050	100	#0	QPSK	VN	NT	-5.90	-0.003	±2.5	PASS
Band4	20	20050	100	#0	QPSK	VH	NT	-4.03	-0.002	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	50	-3.29	-0.002	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	40	-3.44	-0.002	±2.5	PASS

Band4	20	20050	100	#0	QPSK	NV	30	-2.61	-0.002	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	20	-2.87	-0.002	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	10	-2.94	-0.002	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	0	-1.83	-0.001	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	-10	-1.40	-0.001	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	-20	-2.03	-0.001	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	-30	-1.47	-0.001	±2.5	PASS
Band4	20	20175	100	#0	QPSK	VL	NT	-2.33	-0.001	±2.5	PASS
Band4	20	20175	100	#0	QPSK	VN	NT	-2.08	-0.001	±2.5	PASS
Band4	20	20175	100	#0	QPSK	VH	NT	-3.06	-0.002	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	50	-2.90	-0.002	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	40	-2.11	-0.001	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	30	-2.04	-0.001	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	20	-2.16	-0.001	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	10	-1.18	-0.001	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	0	-0.88	-0.001	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	-10	-1.38	-0.001	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	-20	-1.53	-0.001	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	-30	-1.17	-0.001	±2.5	PASS
Band4	20	20300	100	#0	QPSK	VL	NT	0.80	0.000	±2.5	PASS
Band4	20	20300	100	#0	QPSK	VN	NT	0.98	0.001	±2.5	PASS
Band4	20	20300	100	#0	QPSK	VH	NT	-0.08	0.000	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	50	0.51	0.000	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	40	0.78	0.000	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	30	0.72	0.000	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	20	0.24	0.000	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	10	-0.17	0.000	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	0	0.41	0.000	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	-10	-0.24	0.000	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	-20	0.42	0.000	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	-30	-0.55	0.000	±2.5	PASS
Band5	10	20450	50	#0	QPSK	VL	NT	-4.89	-0.006	±2.5	PASS
Band5	10	20450	50	#0	QPSK	VN	NT	-3.34	-0.004	±2.5	PASS
Band5	10	20450	50	#0	QPSK	VH	NT	-2.16	-0.003	±2.5	PASS
Band5	10	20450	50	#0	QPSK	NV	50	-2.05	-0.002	±2.5	PASS
Band5	10	20450	50	#0	QPSK	NV	40	-1.85	-0.002	±2.5	PASS
Band5	10	20450	50	#0	QPSK	NV	30	-1.08	-0.001	±2.5	PASS
Band5	10	20450	50	#0	QPSK	NV	20	-1.30	-0.002	±2.5	PASS
Band5	10	20450	50	#0	QPSK	NV	10	-0.80	-0.001	±2.5	PASS
Band5	10	20450	50	#0	QPSK	NV	0	-1.07	-0.001	±2.5	PASS
Band5	10	20450	50	#0	QPSK	NV	-10	-0.30	0.000	±2.5	PASS
Band5	10	20450	50	#0	QPSK	NV	-20	-0.72	-0.001	±2.5	PASS
Band5	10	20450	50	#0	QPSK	NV	-30	-0.88	-0.001	±2.5	PASS
Band5	10	20525	50	#0	QPSK	VL	NT	0.30	0.000	±2.5	PASS

Band5	10	20525	50	#0	QPSK	VN	NT	0.11	0.000	±2.5	PASS
Band5	10	20525	50	#0	QPSK	VH	NT	0.02	0.000	±2.5	PASS
Band5	10	20525	50	#0	QPSK	NV	50	0.61	0.001	±2.5	PASS
Band5	10	20525	50	#0	QPSK	NV	40	0.67	0.001	±2.5	PASS
Band5	10	20525	50	#0	QPSK	NV	30	-0.07	0.000	±2.5	PASS
Band5	10	20525	50	#0	QPSK	NV	20	0.20	0.000	±2.5	PASS
Band5	10	20525	50	#0	QPSK	NV	10	0.01	0.000	±2.5	PASS
Band5	10	20525	50	#0	QPSK	NV	0	0.41	0.000	±2.5	PASS
Band5	10	20525	50	#0	QPSK	NV	-10	-0.28	0.000	±2.5	PASS
Band5	10	20525	50	#0	QPSK	NV	-20	0.01	0.000	±2.5	PASS
Band5	10	20525	50	#0	QPSK	NV	-30	-0.24	0.000	±2.5	PASS
Band5	10	20600	50	#0	QPSK	VL	NT	-0.11	0.000	±2.5	PASS
Band5	10	20600	50	#0	QPSK	VN	NT	-0.15	0.000	±2.5	PASS
Band5	10	20600	50	#0	QPSK	VH	NT	-0.04	0.000	±2.5	PASS
Band5	10	20600	50	#0	QPSK	NV	50	0.54	0.001	±2.5	PASS
Band5	10	20600	50	#0	QPSK	NV	40	-0.31	0.000	±2.5	PASS
Band5	10	20600	50	#0	QPSK	NV	30	-0.60	-0.001	±2.5	PASS
Band5	10	20600	50	#0	QPSK	NV	20	-0.01	0.000	±2.5	PASS
Band5	10	20600	50	#0	QPSK	NV	10	-0.41	0.000	±2.5	PASS
Band5	10	20600	50	#0	QPSK	NV	0	-0.02	0.000	±2.5	PASS
Band5	10	20600	50	#0	QPSK	NV	-10	0.45	0.001	±2.5	PASS
Band5	10	20600	50	#0	QPSK	NV	-20	0.11	0.000	±2.5	PASS
Band5	10	20600	50	#0	QPSK	NV	-30	0.34	0.000	±2.5	PASS
Band66	20	132072	100	#0	QPSK	VL	NT	-12.53	-0.007	±2.5	PASS
Band66	20	132072	100	#0	QPSK	VN	NT	-8.26	-0.005	±2.5	PASS
Band66	20	132072	100	#0	QPSK	VH	NT	-5.96	-0.003	±2.5	PASS
Band66	20	132072	100	#0	QPSK	NV	50	-5.89	-0.003	±2.5	PASS
Band66	20	132072	100	#0	QPSK	NV	40	-5.13	-0.003	±2.5	PASS
Band66	20	132072	100	#0	QPSK	NV	30	-4.93	-0.003	±2.5	PASS
Band66	20	132072	100	#0	QPSK	NV	20	-2.57	-0.001	±2.5	PASS
Band66	20	132072	100	#0	QPSK	NV	10	-4.72	-0.003	±2.5	PASS
Band66	20	132072	100	#0	QPSK	NV	0	-3.54	-0.002	±2.5	PASS
Band66	20	132072	100	#0	QPSK	NV	-10	-3.43	-0.002	±2.5	PASS
Band66	20	132072	100	#0	QPSK	NV	-20	-3.07	-0.002	±2.5	PASS
Band66	20	132072	100	#0	QPSK	NV	-30	-3.60	-0.002	±2.5	PASS
Band66	20	132322	100	#0	QPSK	VL	NT	-2.01	-0.001	±2.5	PASS
Band66	20	132322	100	#0	QPSK	VN	NT	-2.31	-0.001	±2.5	PASS
Band66	20	132322	100	#0	QPSK	VH	NT	-2.88	-0.002	±2.5	PASS
Band66	20	132322	100	#0	QPSK	NV	50	-1.94	-0.001	±2.5	PASS
Band66	20	132322	100	#0	QPSK	NV	40	-1.64	-0.001	±2.5	PASS
Band66	20	132322	100	#0	QPSK	NV	30	-2.36	-0.001	±2.5	PASS
Band66	20	132322	100	#0	QPSK	NV	20	-0.81	0.000	±2.5	PASS
Band66	20	132322	100	#0	QPSK	NV	10	-2.17	-0.001	±2.5	PASS
Band66	20	132322	100	#0	QPSK	NV	0	-0.97	-0.001	±2.5	PASS

Band66	20	132322	100	#0	QPSK	NV	-10	-2.21	-0.001	±2.5	PASS
Band66	20	132322	100	#0	QPSK	NV	-20	-2.05	-0.001	±2.5	PASS
Band66	20	132322	100	#0	QPSK	NV	-30	-1.83	-0.001	±2.5	PASS
Band66	20	132572	100	#0	QPSK	VL	NT	-2.08	-0.001	±2.5	PASS
Band66	20	132572	100	#0	QPSK	VN	NT	-1.87	-0.001	±2.5	PASS
Band66	20	132572	100	#0	QPSK	VH	NT	-2.44	-0.001	±2.5	PASS
Band66	20	132572	100	#0	QPSK	NV	50	-1.58	-0.001	±2.5	PASS
Band66	20	132572	100	#0	QPSK	NV	40	-1.71	-0.001	±2.5	PASS
Band66	20	132572	100	#0	QPSK	NV	30	-2.73	-0.002	±2.5	PASS
Band66	20	132572	100	#0	QPSK	NV	20	-1.55	-0.001	±2.5	PASS
Band66	20	132572	100	#0	QPSK	NV	10	-1.75	-0.001	±2.5	PASS
Band66	20	132572	100	#0	QPSK	NV	0	-1.70	-0.001	±2.5	PASS
Band66	20	132572	100	#0	QPSK	NV	-10	-2.47	-0.001	±2.5	PASS
Band66	20	132572	100	#0	QPSK	NV	-20	-2.24	-0.001	±2.5	PASS
Band66	20	132572	100	#0	QPSK	NV	-30	-1.11	-0.001	±2.5	PASS
Band71	20	133222	100	#0	QPSK	VL	NT	-6.43	-0.010	±2.5	PASS
Band71	20	133222	100	#0	QPSK	VN	NT	-6.29	-0.009	±2.5	PASS
Band71	20	133222	100	#0	QPSK	VH	NT	-4.86	-0.007	±2.5	PASS
Band71	20	133222	100	#0	QPSK	NV	50	-4.66	-0.007	±2.5	PASS
Band71	20	133222	100	#0	QPSK	NV	40	-4.74	-0.007	±2.5	PASS
Band71	20	133222	100	#0	QPSK	NV	30	-3.51	-0.005	±2.5	PASS
Band71	20	133222	100	#0	QPSK	NV	20	-3.71	-0.006	±2.5	PASS
Band71	20	133222	100	#0	QPSK	NV	10	-3.34	-0.005	±2.5	PASS
Band71	20	133222	100	#0	QPSK	NV	0	-3.79	-0.006	±2.5	PASS
Band71	20	133222	100	#0	QPSK	NV	-10	-2.96	-0.004	±2.5	PASS
Band71	20	133222	100	#0	QPSK	NV	-20	-3.40	-0.005	±2.5	PASS
Band71	20	133222	100	#0	QPSK	NV	-30	-3.49	-0.005	±2.5	PASS
Band71	20	133322	100	#0	QPSK	VL	NT	-3.39	-0.005	±2.5	PASS
Band71	20	133322	100	#0	QPSK	VN	NT	-3.29	-0.005	±2.5	PASS
Band71	20	133322	100	#0	QPSK	VH	NT	-2.80	-0.004	±2.5	PASS
Band71	20	133322	100	#0	QPSK	NV	50	-3.20	-0.005	±2.5	PASS
Band71	20	133322	100	#0	QPSK	NV	40	-3.17	-0.005	±2.5	PASS
Band71	20	133322	100	#0	QPSK	NV	30	-3.44	-0.005	±2.5	PASS
Band71	20	133322	100	#0	QPSK	NV	20	-3.41	-0.005	±2.5	PASS
Band71	20	133322	100	#0	QPSK	NV	10	-2.91	-0.004	±2.5	PASS
Band71	20	133322	100	#0	QPSK	NV	0	-3.63	-0.005	±2.5	PASS
Band71	20	133322	100	#0	QPSK	NV	-10	-2.70	-0.004	±2.5	PASS
Band71	20	133322	100	#0	QPSK	NV	-20	-3.33	-0.005	±2.5	PASS
Band71	20	133322	100	#0	QPSK	NV	-30	-3.30	-0.005	±2.5	PASS
Band71	20	133372	100	#0	QPSK	VL	NT	-2.98	-0.004	±2.5	PASS
Band71	20	133372	100	#0	QPSK	VN	NT	-3.27	-0.005	±2.5	PASS
Band71	20	133372	100	#0	QPSK	VH	NT	-3.31	-0.005	±2.5	PASS
Band71	20	133372	100	#0	QPSK	NV	50	-3.57	-0.005	±2.5	PASS
Band71	20	133372	100	#0	QPSK	NV	40	-3.37	-0.005	±2.5	PASS

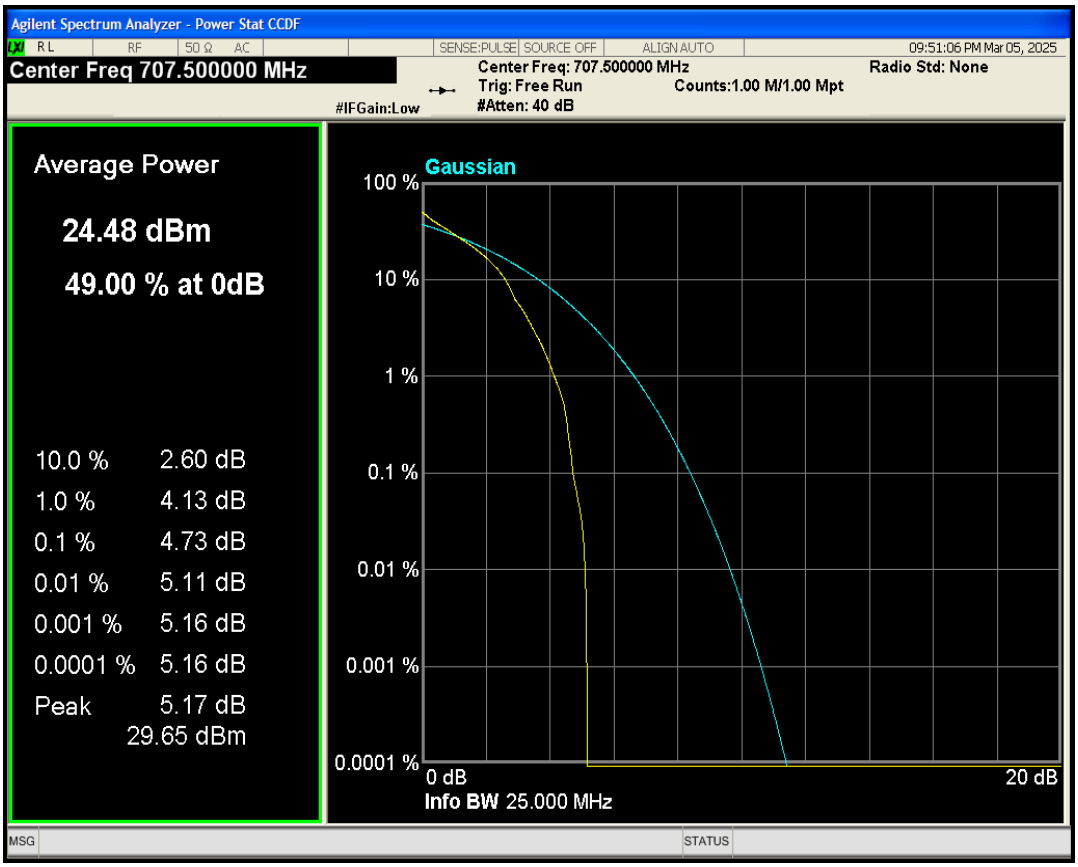
Band71	20	133372	100	#0	QPSK	NV	30	-2.84	-0.004	±2.5	PASS
Band71	20	133372	100	#0	QPSK	NV	20	-2.83	-0.004	±2.5	PASS
Band71	20	133372	100	#0	QPSK	NV	10	-2.97	-0.004	±2.5	PASS
Band71	20	133372	100	#0	QPSK	NV	0	-3.63	-0.005	±2.5	PASS
Band71	20	133372	100	#0	QPSK	NV	-10	-3.47	-0.005	±2.5	PASS
Band71	20	133372	100	#0	QPSK	NV	-20	-3.27	-0.005	±2.5	PASS
Band71	20	133372	100	#0	QPSK	NV	-30	-2.08	-0.003	±2.5	PASS

3 Peak-to-Average Ratio

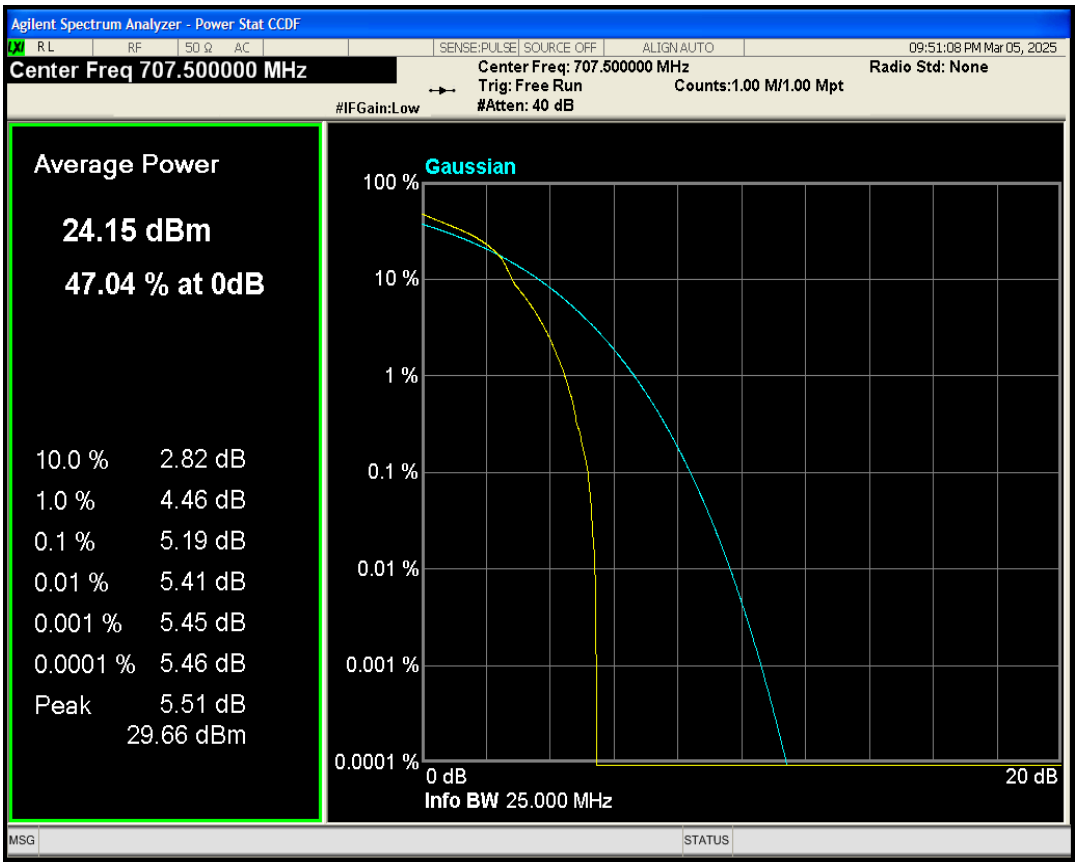
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band12	1.4	23095	1	#0	QPSK	4.73	13	PASS
Band12	1.4	23095	1	#0	QAM16	5.19	13	PASS
Band12	3	23095	1	#0	QPSK	5.05	13	PASS
Band12	3	23095	1	#0	QAM16	5.58	13	PASS
Band12	5	23095	1	#0	QPSK	4.79	13	PASS
Band12	5	23095	1	#0	QAM16	5.52	13	PASS
Band12	10	23095	1	#0	QPSK	4.92	13	PASS
Band12	10	23095	1	#0	QAM16	5.49	13	PASS
Band13	5	23230	1	#0	QPSK	3.32	13	PASS
Band13	5	23230	1	#0	QAM16	4.11	13	PASS
Band13	10	23230	1	#0	QPSK	2.00	13	PASS
Band13	10	23230	1	#0	QAM16	2.57	13	PASS
Band2	1.4	18900	1	#0	QPSK	0.92	13	PASS
Band2	1.4	18900	1	#0	QAM16	2.99	13	PASS
Band2	3	18900	1	#0	QPSK	0.88	13	PASS
Band2	3	18900	1	#0	QAM16	3.02	13	PASS
Band2	5	18900	1	#0	QPSK	0.79	13	PASS
Band2	5	18900	1	#0	QAM16	2.77	13	PASS
Band2	10	18900	1	#0	QPSK	0.74	13	PASS
Band2	10	18900	1	#0	QAM16	2.56	13	PASS
Band2	15	18900	1	#0	QPSK	0.76	13	PASS
Band2	15	18900	1	#0	QAM16	2.66	13	PASS
Band2	20	18900	1	#0	QPSK	0.77	13	PASS
Band2	20	18900	1	#0	QAM16	2.56	13	PASS
Band4	1.4	20175	1	#0	QPSK	3.91	13	PASS
Band4	1.4	20175	1	#0	QAM16	4.75	13	PASS
Band4	3	20175	1	#0	QPSK	4.15	13	PASS
Band4	3	20175	1	#0	QAM16	5.01	13	PASS
Band4	5	20175	1	#0	QPSK	4.02	13	PASS
Band4	5	20175	1	#0	QAM16	4.78	13	PASS
Band4	10	20175	1	#0	QPSK	4.01	13	PASS
Band4	10	20175	1	#0	QAM16	4.83	13	PASS
Band4	15	20175	1	#0	QPSK	4.26	13	PASS
Band4	15	20175	1	#0	QAM16	5.08	13	PASS

Band4	20	20175	1	#0	QPSK	4.17	13	PASS
Band4	20	20175	1	#0	QAM16	5.01	13	PASS
Band5	1.4	20525	1	#0	QPSK	4.37	13	PASS
Band5	1.4	20525	1	#0	QAM16	5.28	13	PASS
Band5	3	20525	1	#0	QPSK	4.69	13	PASS
Band5	3	20525	1	#0	QAM16	5.50	13	PASS
Band5	5	20525	1	#0	QPSK	4.48	13	PASS
Band5	5	20525	1	#0	QAM16	5.60	13	PASS
Band5	10	20525	1	#0	QPSK	4.51	13	PASS
Band5	10	20525	1	#0	QAM16	5.44	13	PASS
Band66	1.4	132322	1	#0	QPSK	3.67	13	PASS
Band66	1.4	132322	1	#0	QAM16	4.50	13	PASS
Band66	3	132322	1	#0	QPSK	4.09	13	PASS
Band66	3	132322	1	#0	QAM16	4.81	13	PASS
Band66	5	132322	1	#0	QPSK	3.81	13	PASS
Band66	5	132322	1	#0	QAM16	4.68	13	PASS
Band66	10	132322	1	#0	QPSK	4.36	13	PASS
Band66	10	132322	1	#0	QAM16	5.06	13	PASS
Band66	15	132322	1	#0	QPSK	5.02	13	PASS
Band66	15	132322	1	#0	QAM16	5.87	13	PASS
Band66	20	132322	1	#0	QPSK	5.40	13	PASS
Band66	20	132322	1	#0	QAM16	6.09	13	PASS
Band71	5	133297	1	#0	QPSK	3.19	13	PASS
Band71	5	133297	1	#0	QAM16	4.20	13	PASS
Band71	10	133297	1	#0	QPSK	3.04	13	PASS
Band71	10	133297	1	#0	QAM16	3.88	13	PASS
Band71	15	133297	1	#0	QPSK	3.32	13	PASS
Band71	15	133297	1	#0	QAM16	4.25	13	PASS
Band71	20	133322	1	#0	QPSK	2.57	13	PASS
Band71	20	133322	1	#0	QAM16	3.36	13	PASS

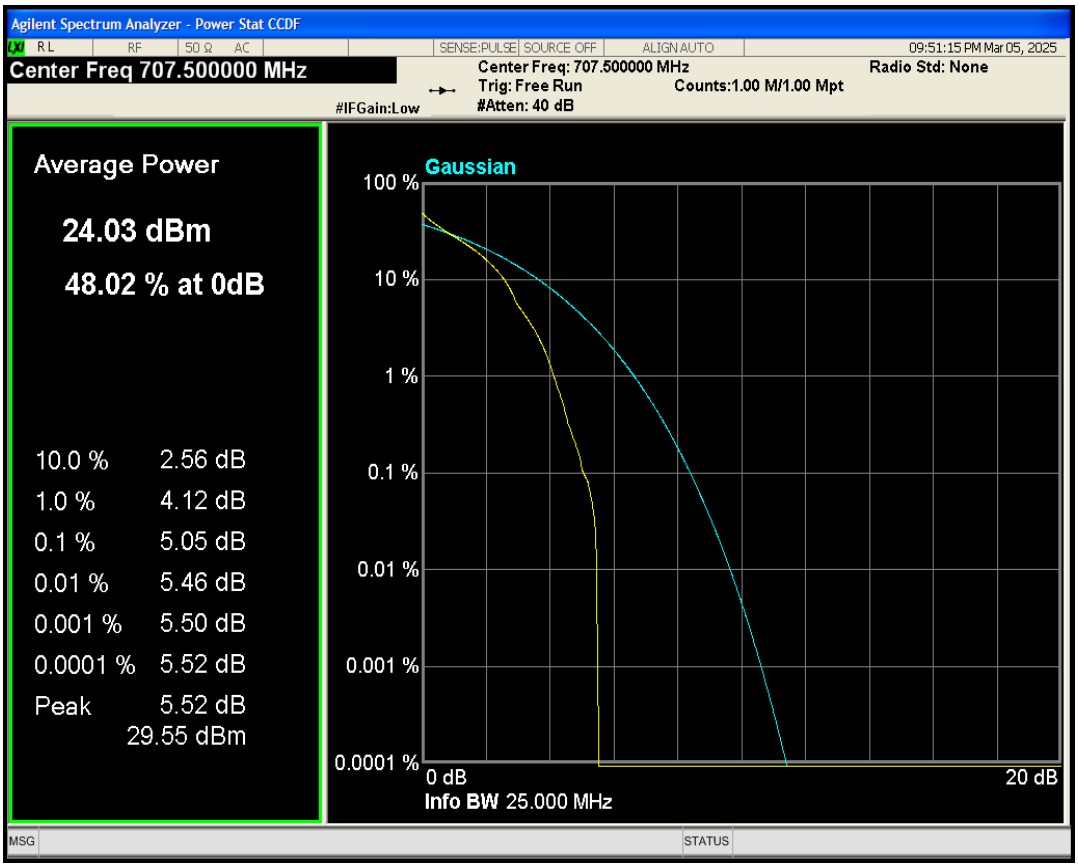
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=1 Position=#0



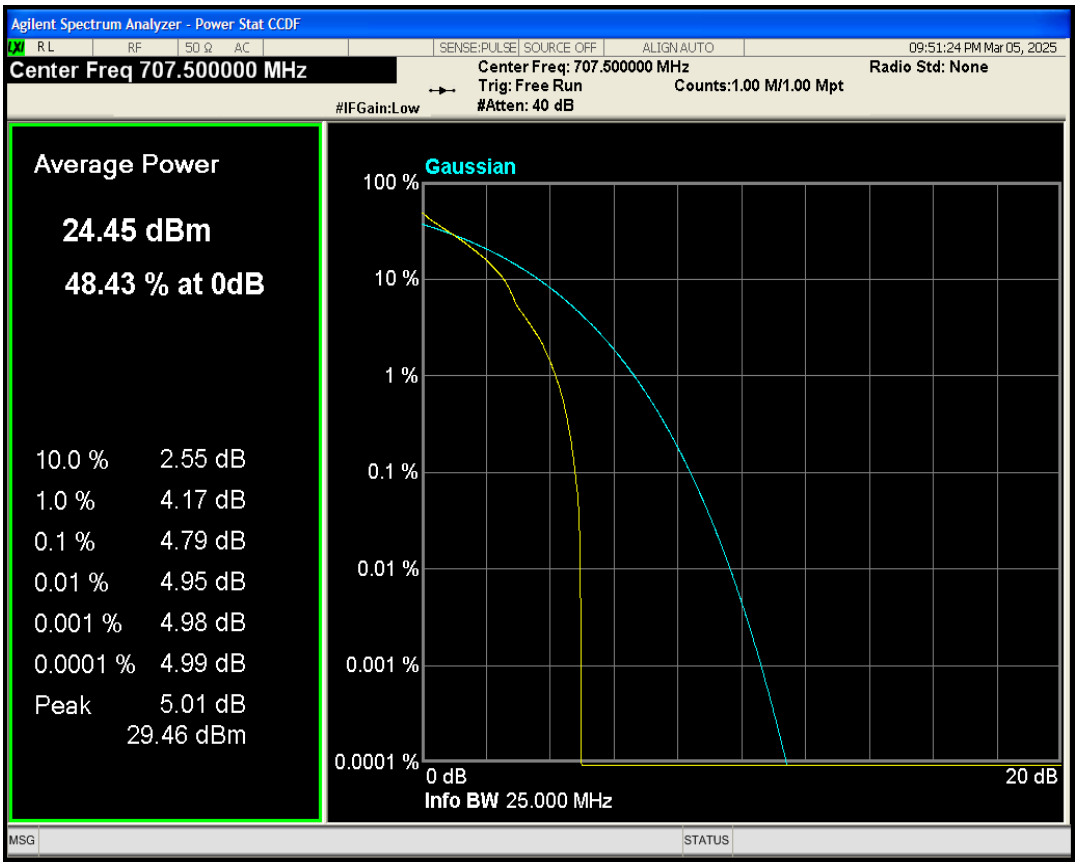
Band12 QAM16 BW=1.4MHz Channel=23095 RB Size=1 Position=#0



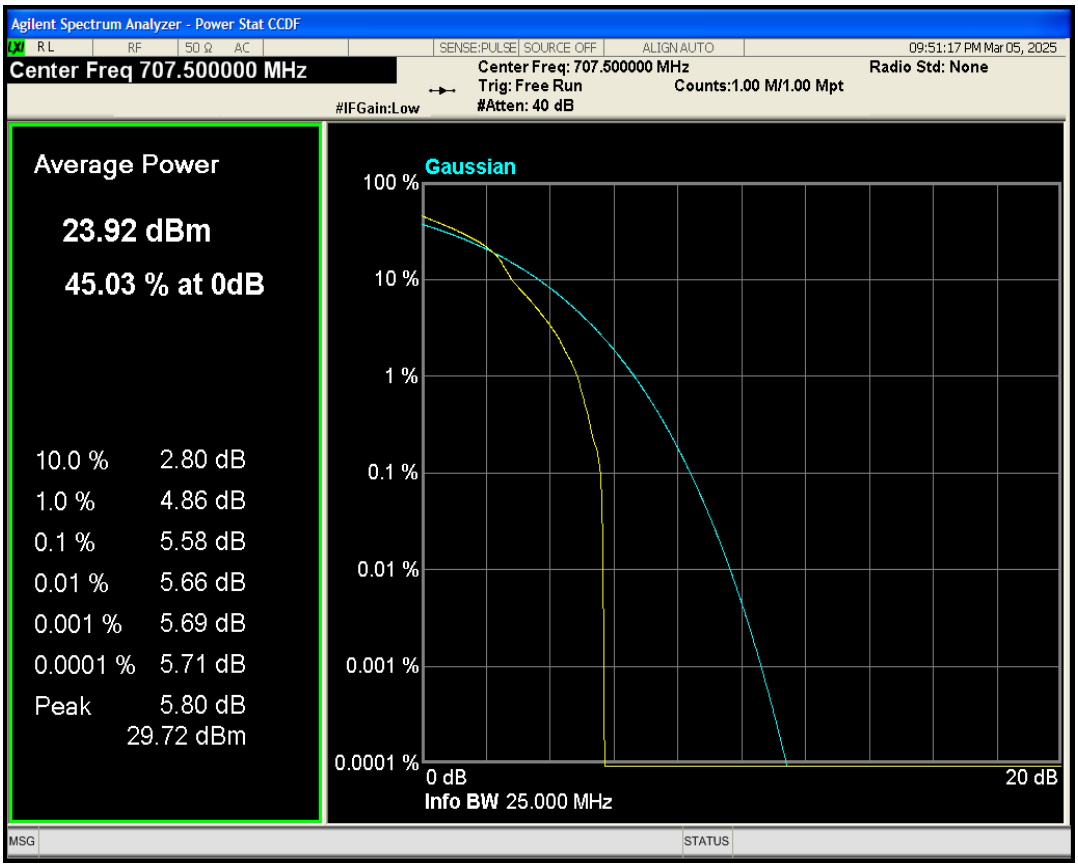
Band12 QPSK BW=3MHz Channel=23095 RB Size=1 Position=#0



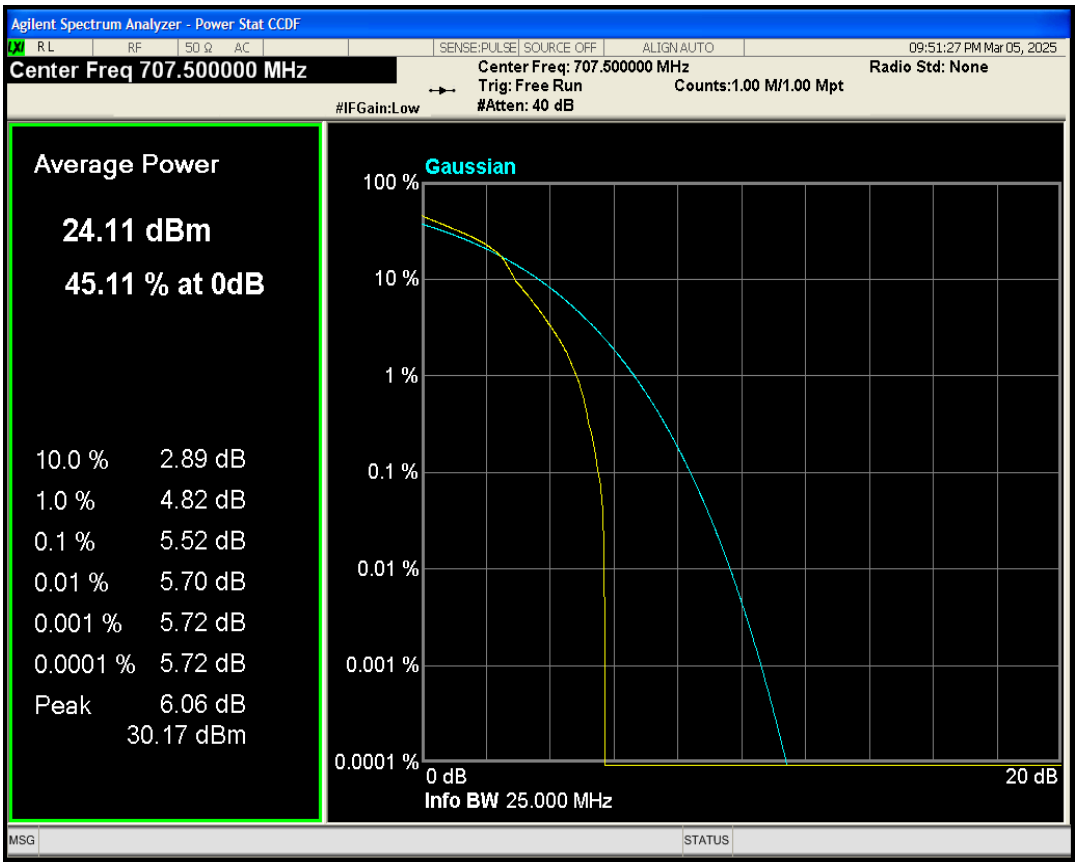
Band12 QPSK BW=5MHz Channel=23095 RB Size=1 Position=#0



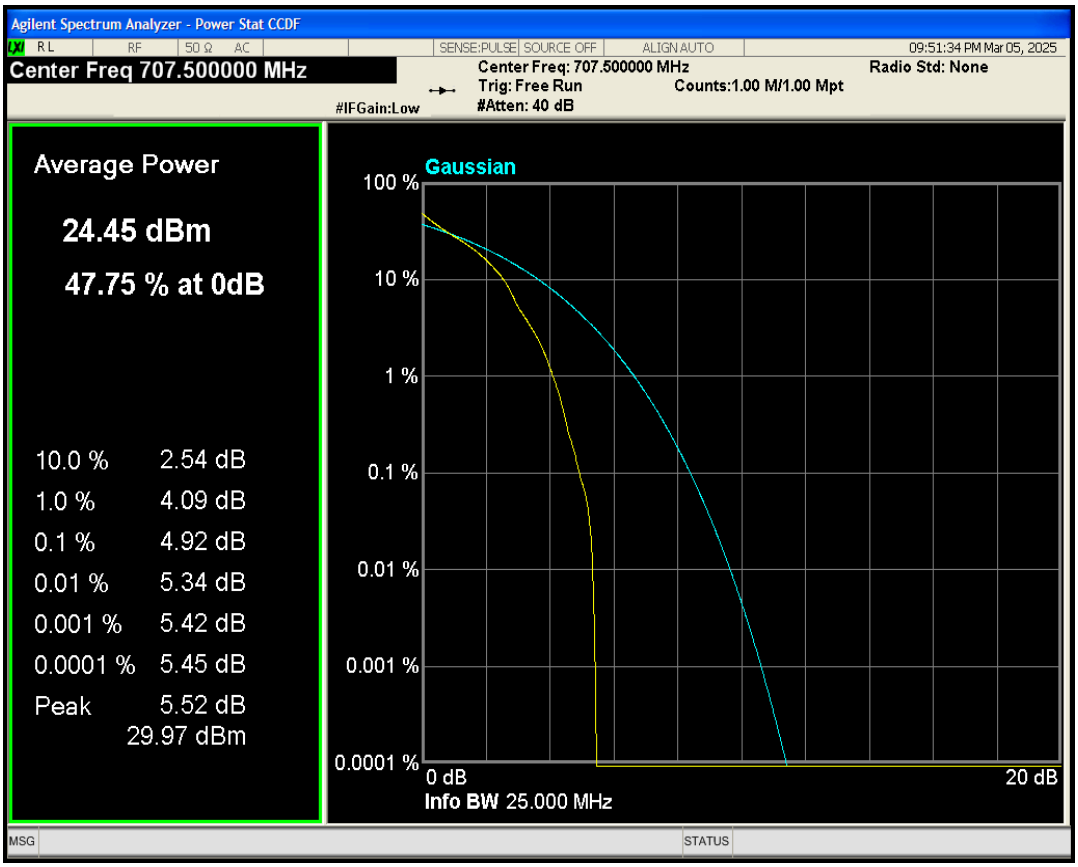
Band12 QAM16 BW=3MHz Channel=23095 RB Size=1 Position=#0



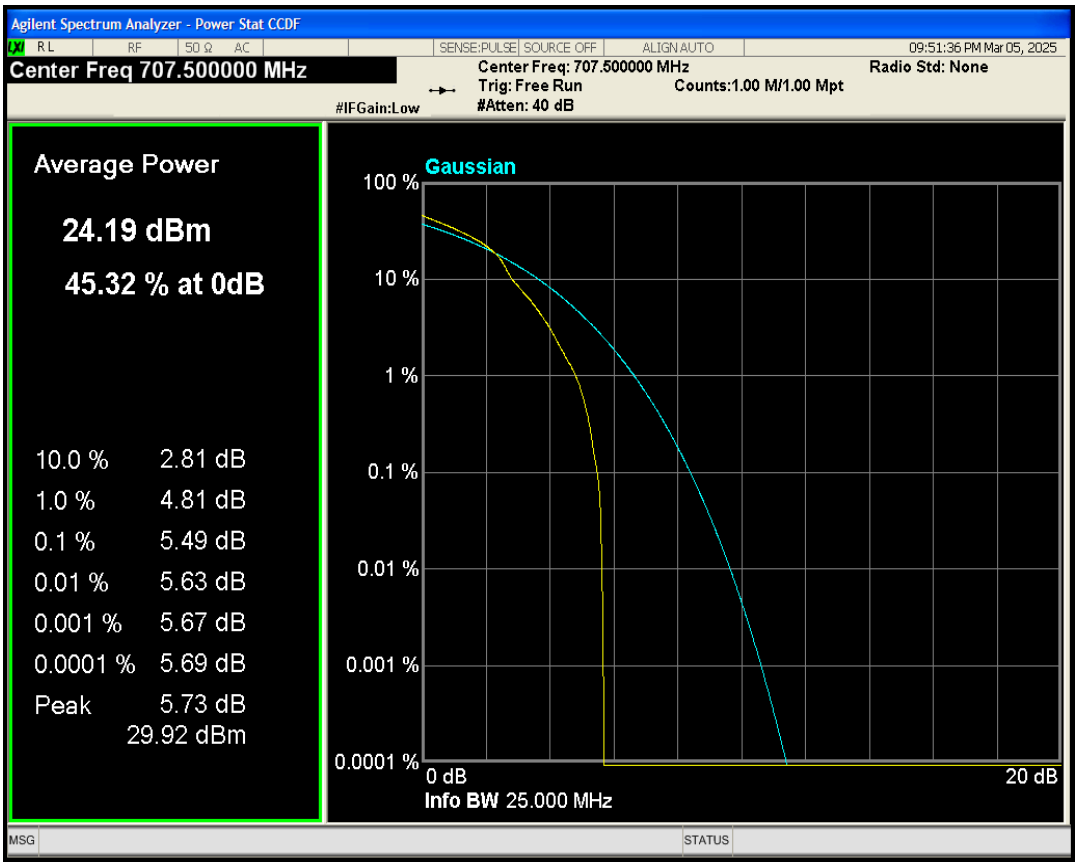
Band12 QAM16 BW=5MHz Channel=23095 RB Size=1 Position=#0



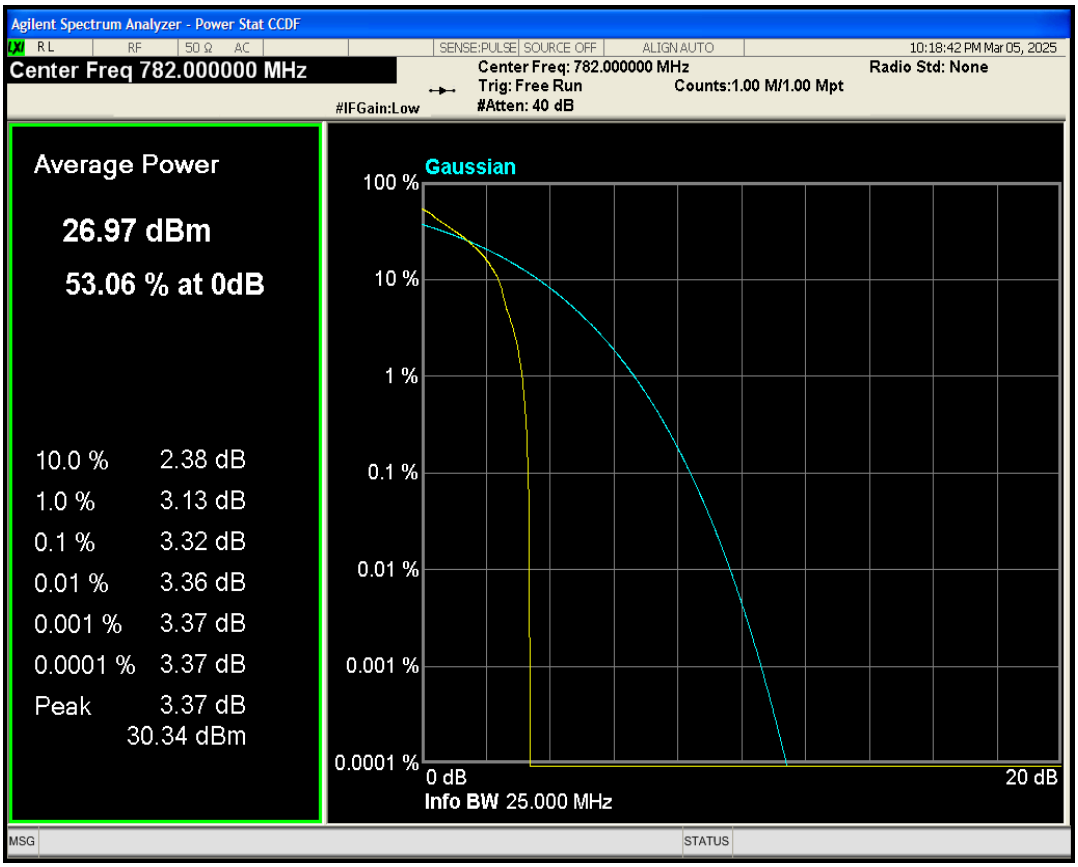
Band12 QPSK BW=10MHz Channel=23095 RB Size=1 Position=#0



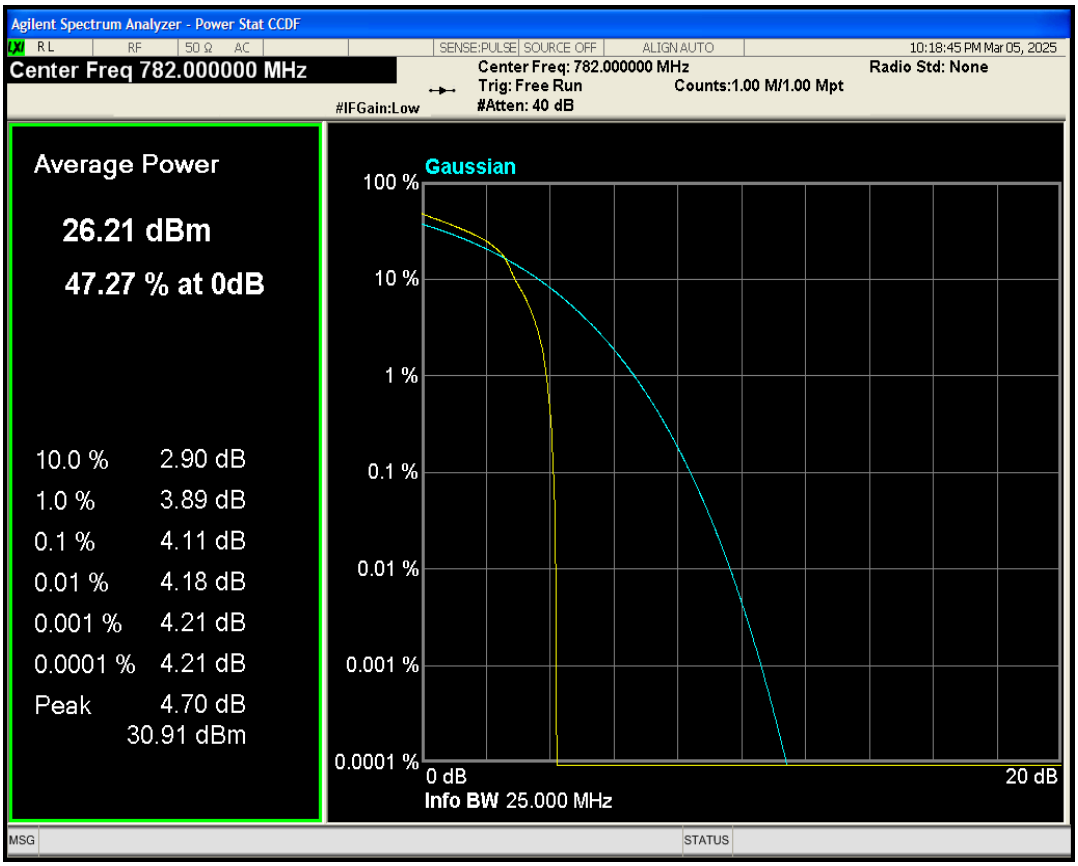
Band12 QAM16 BW=10MHz Channel=23095 RB Size=1 Position=#0



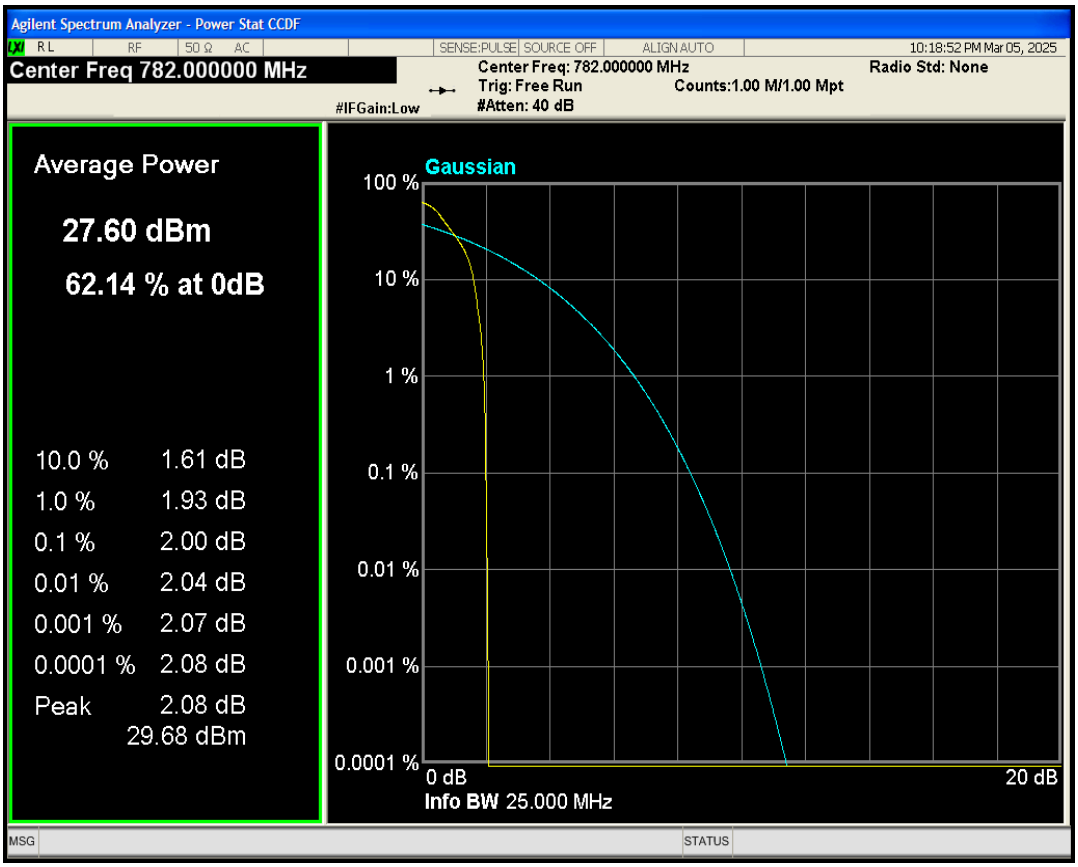
Band13 QPSK BW=5MHz Channel=23230 RB Size=1 Position=#0



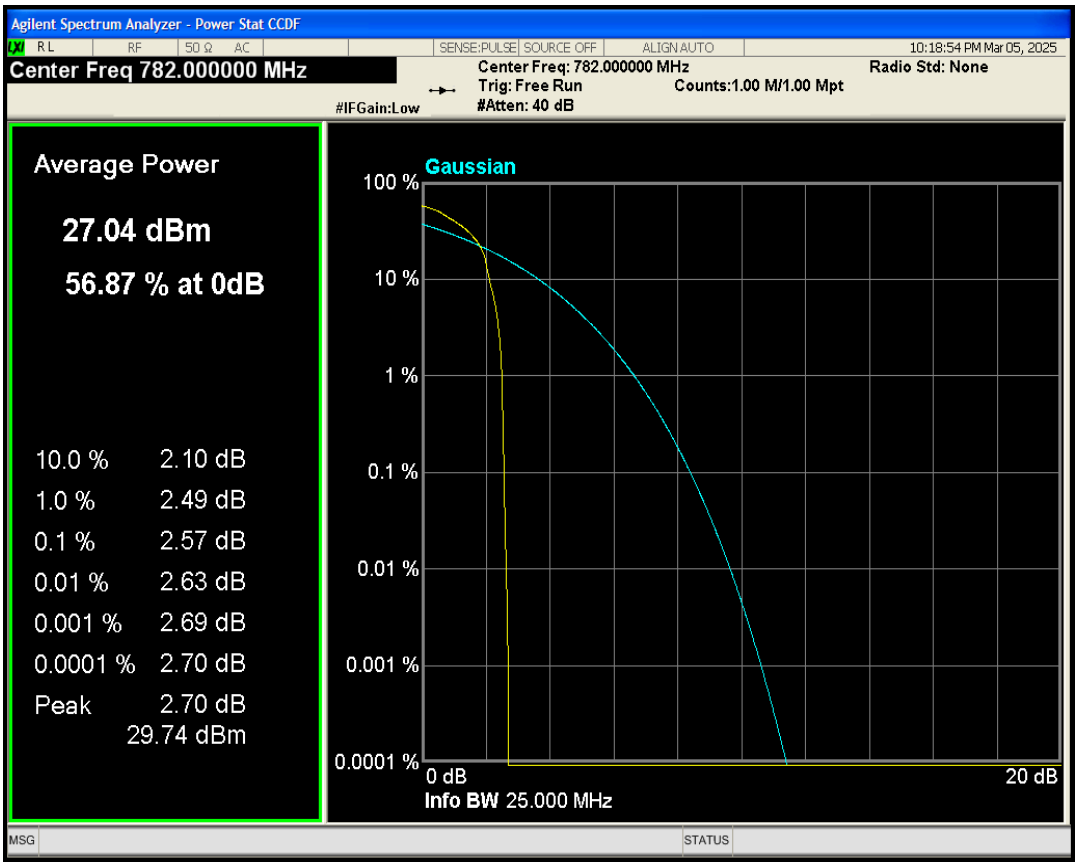
Band13 QAM16 BW=5MHz Channel=23230 RB Size=1 Position=#0



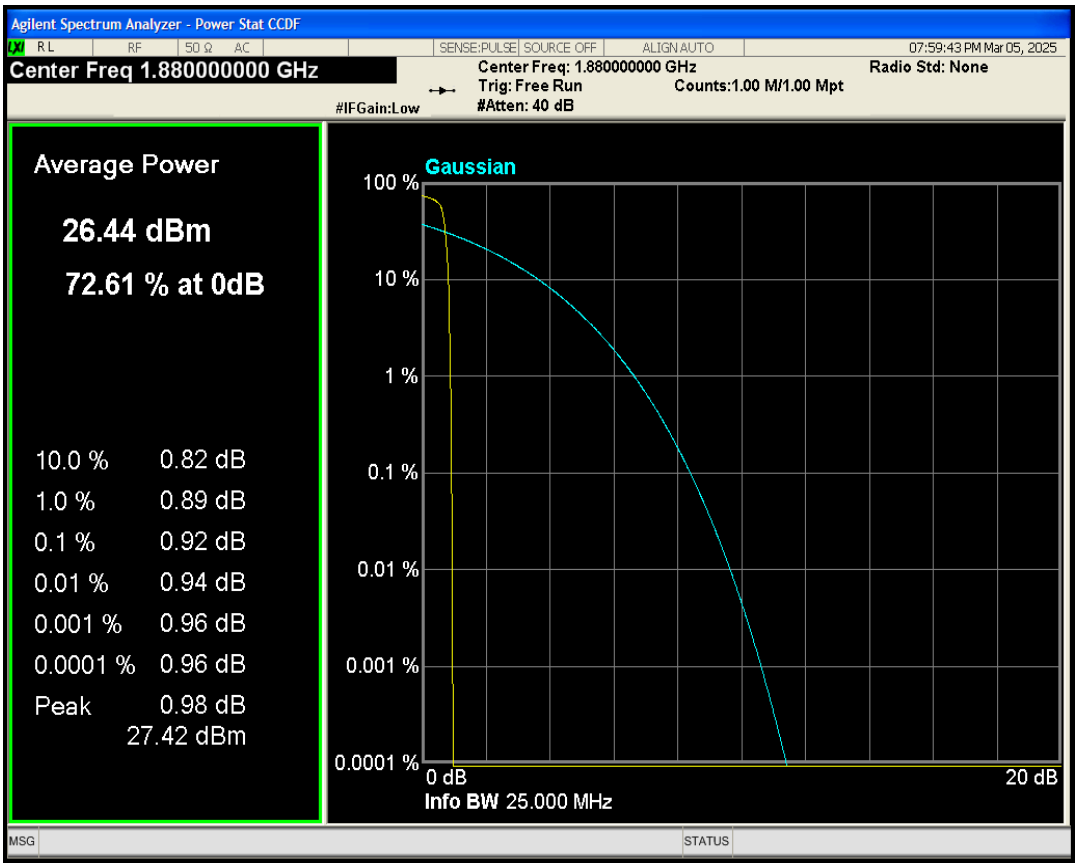
Band13 QPSK BW=10MHz Channel=23230 RB Size=1 Position=#0



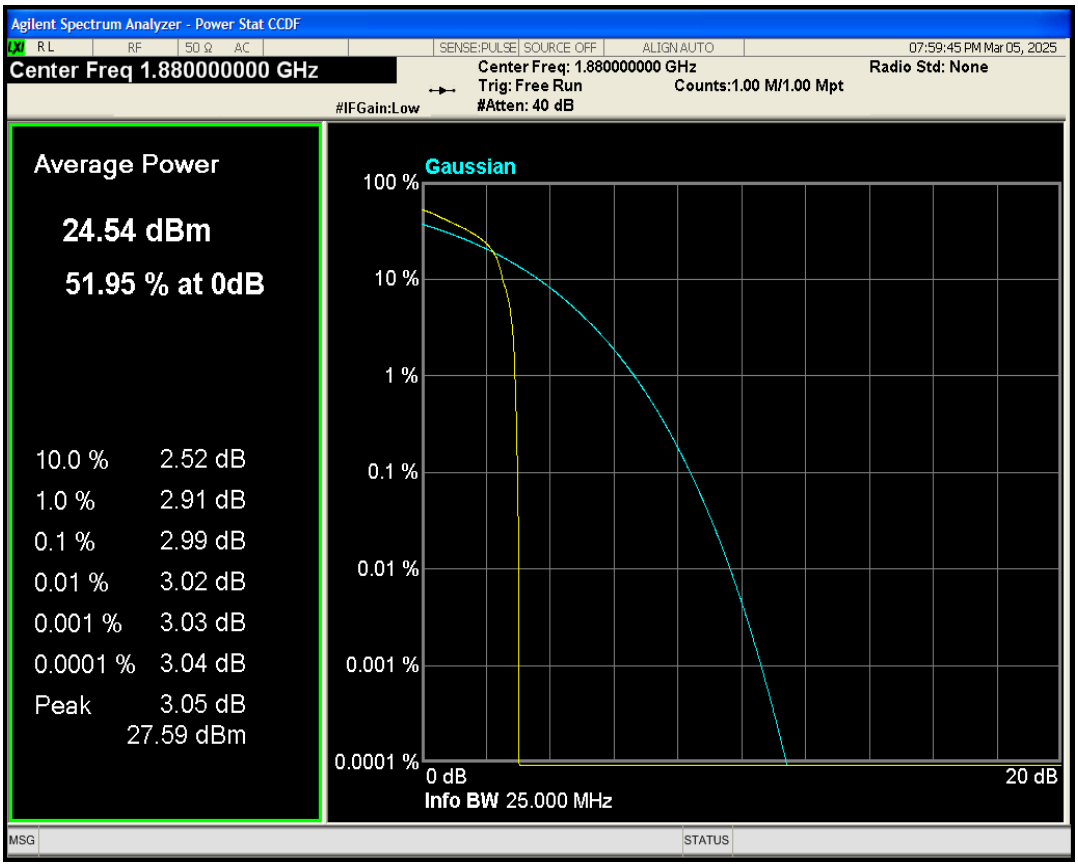
Band13 QAM16 BW=10MHz Channel=23230 RB Size=1 Position=#0



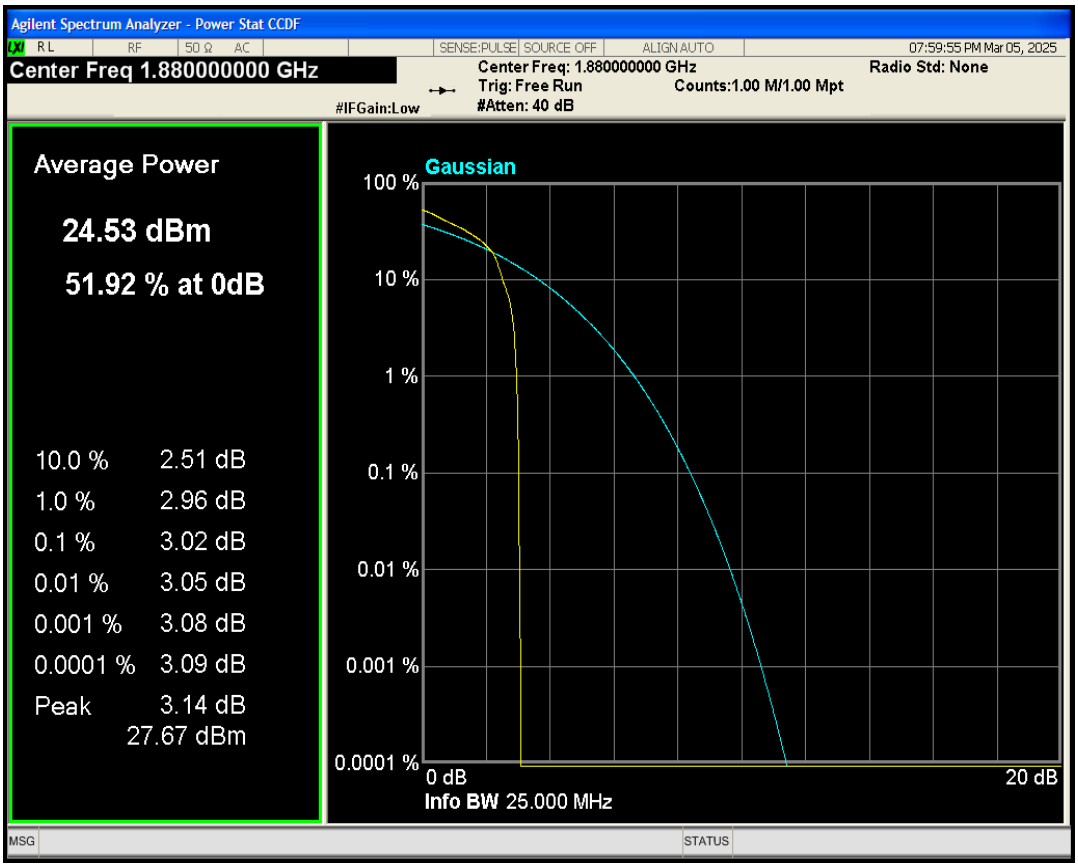
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=1 Position=#0



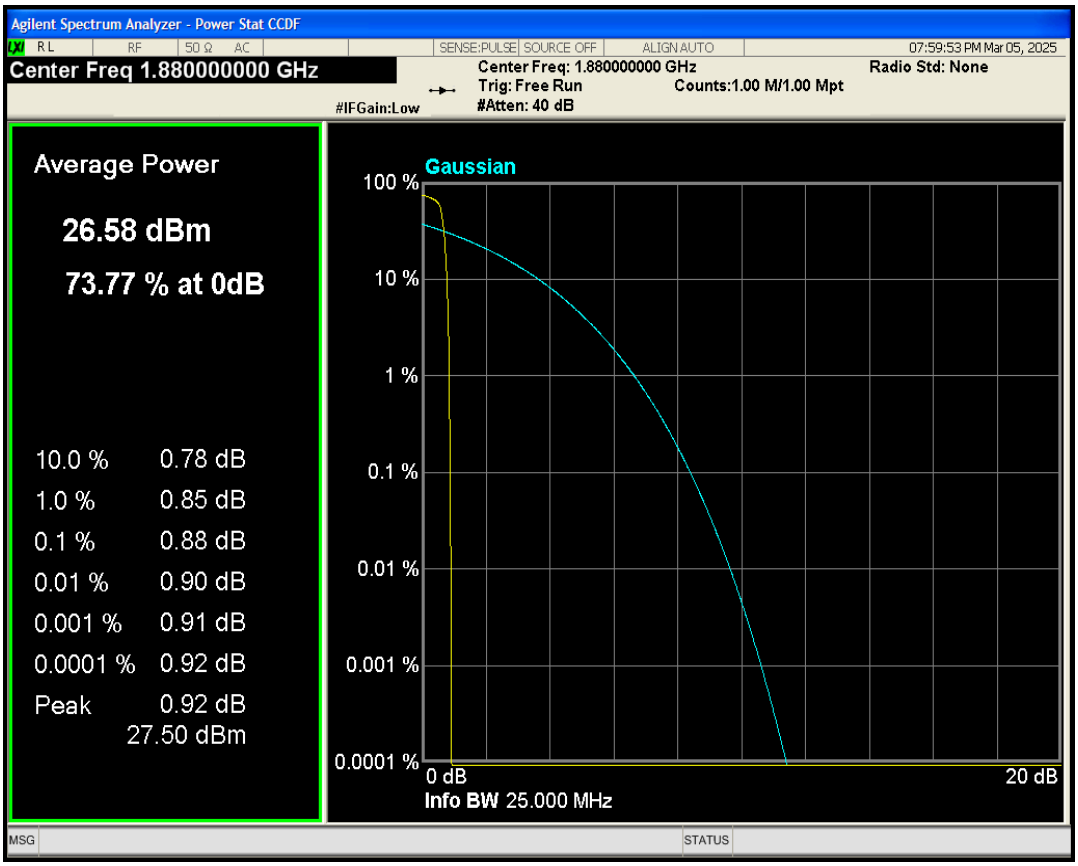
Band2 QAM16 BW=1.4MHz Channel=18900 RB Size=1 Position=#0



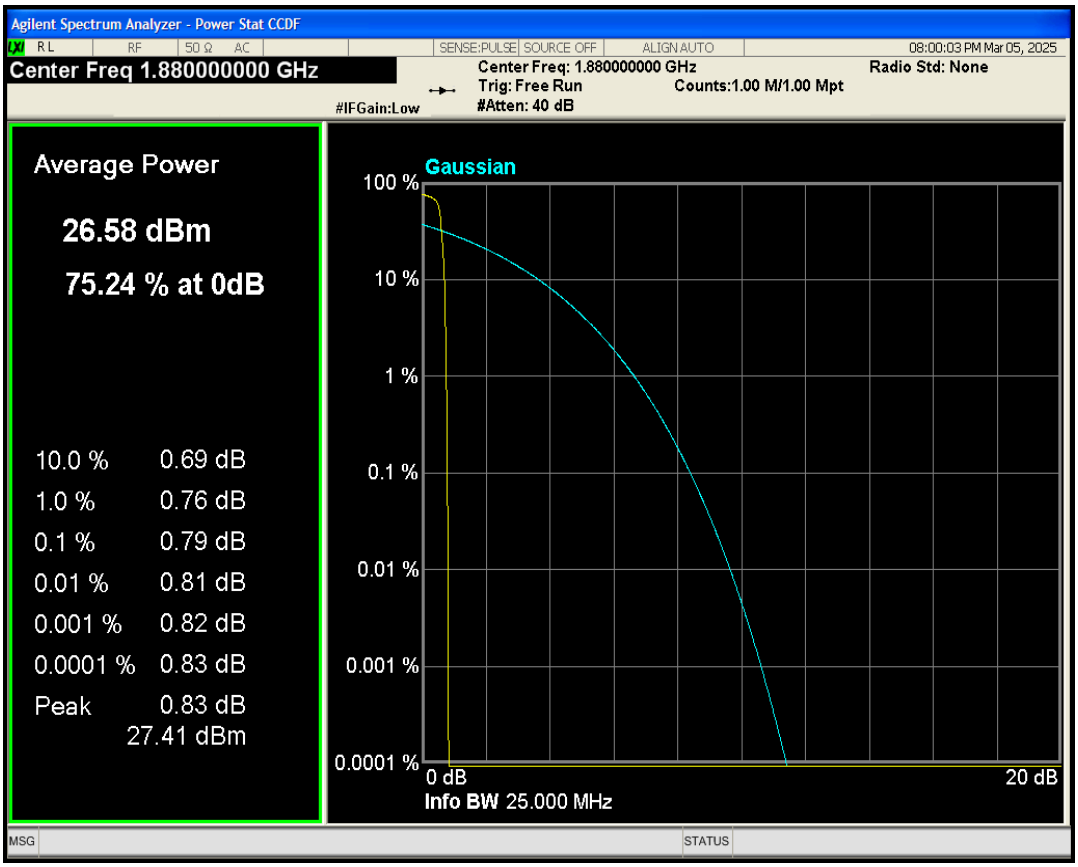
Band2 QAM16 BW=3MHz Channel=18900 RB Size=1 Position=#0



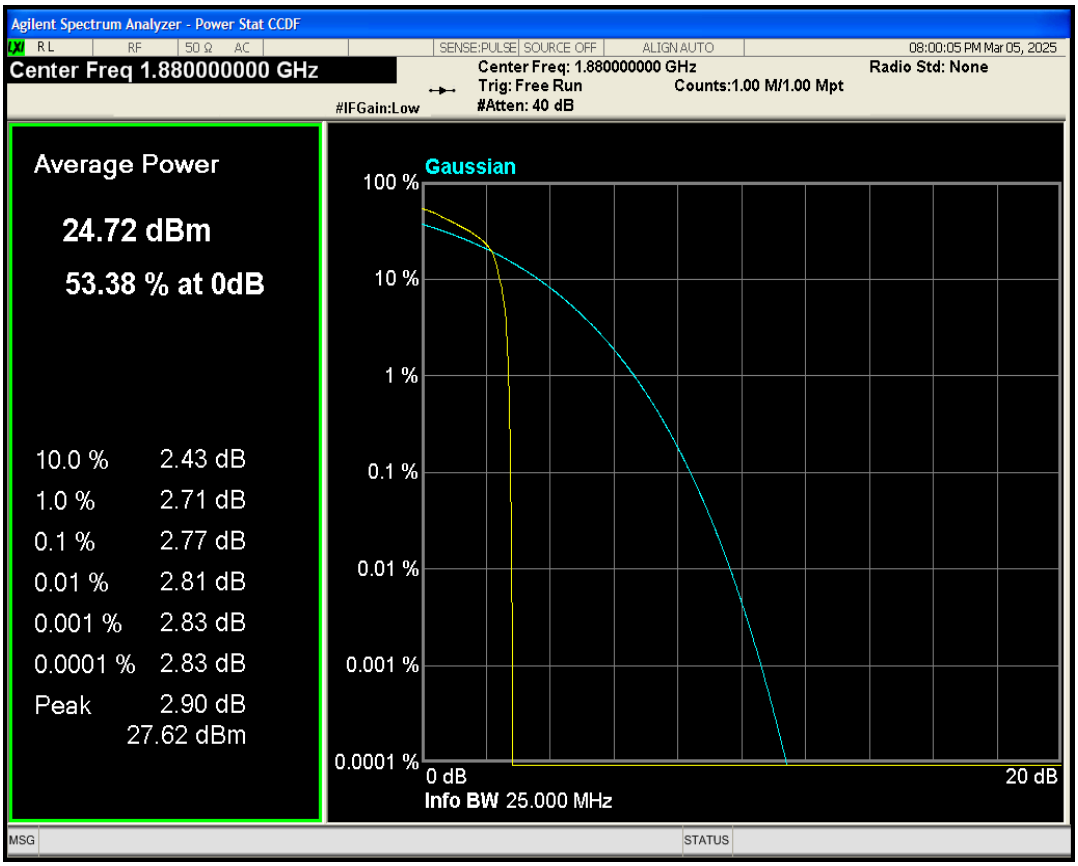
Band2 QPSK BW=3MHz Channel=18900 RB Size=1 Position=#0



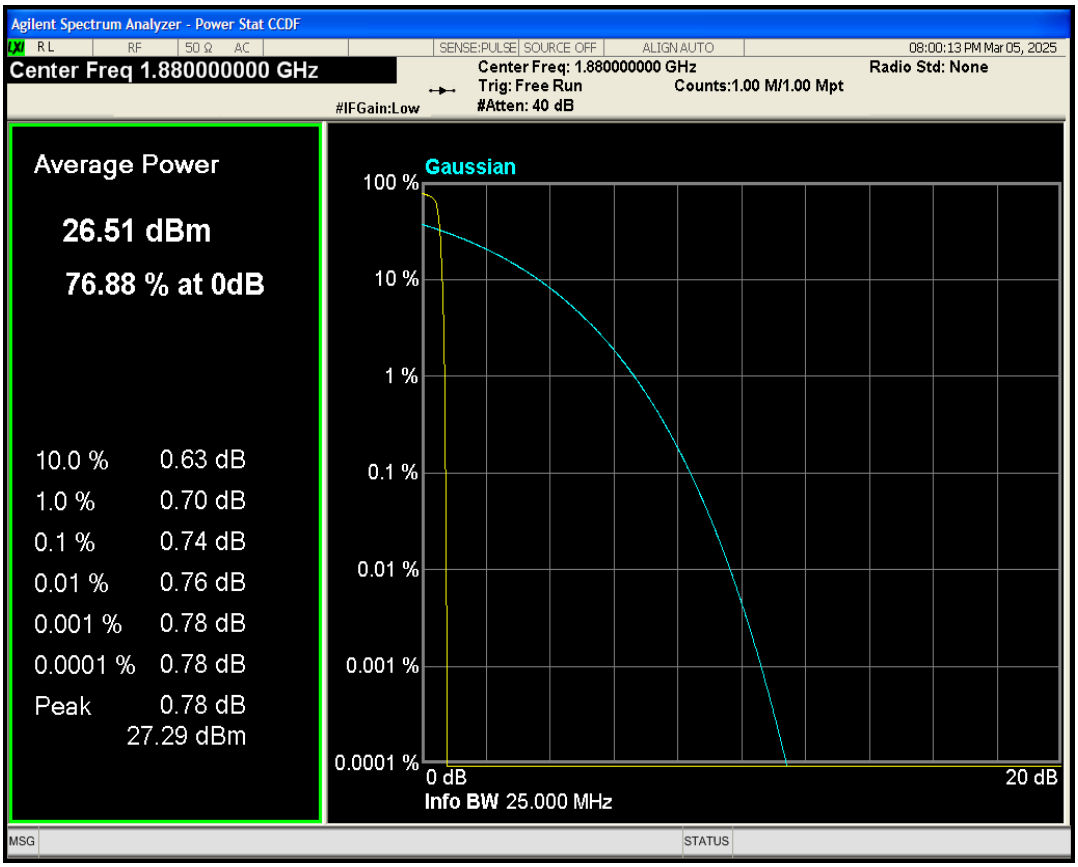
Band2 QPSK BW=5MHz Channel=18900 RB Size=1 Position=#0



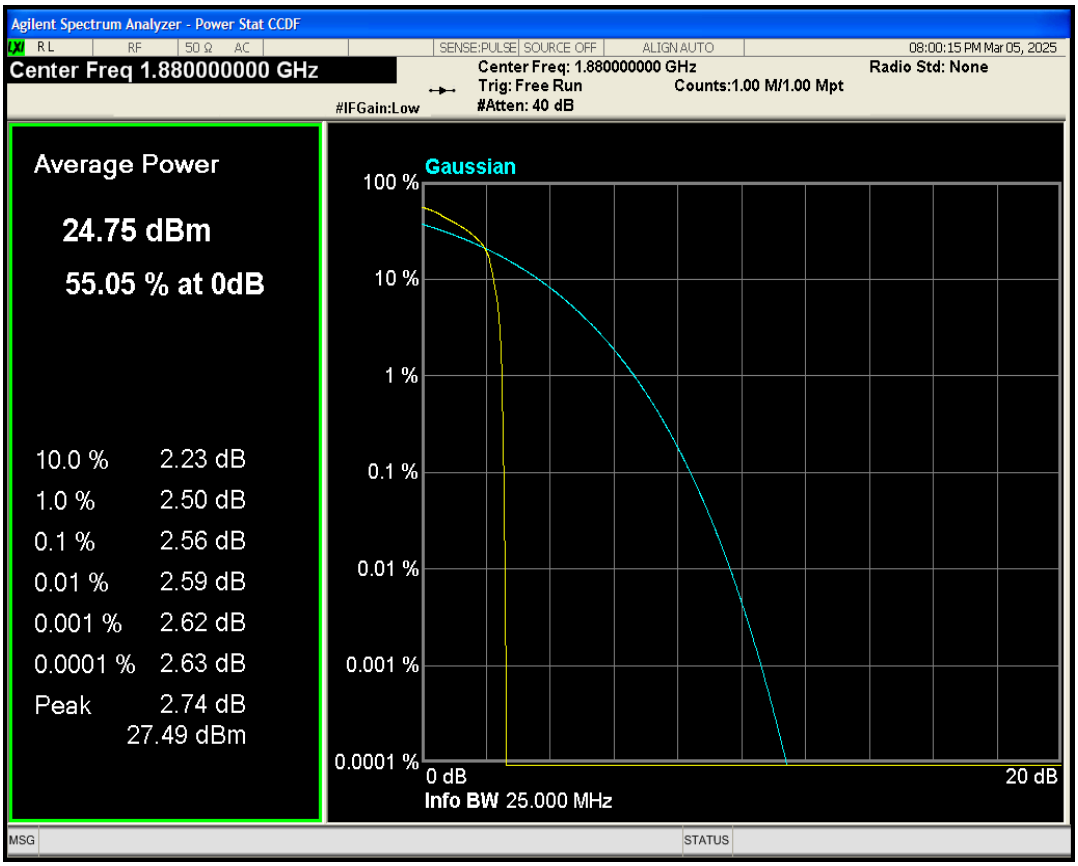
Band2 QAM16 BW=5MHz Channel=18900 RB Size=1 Position=#0



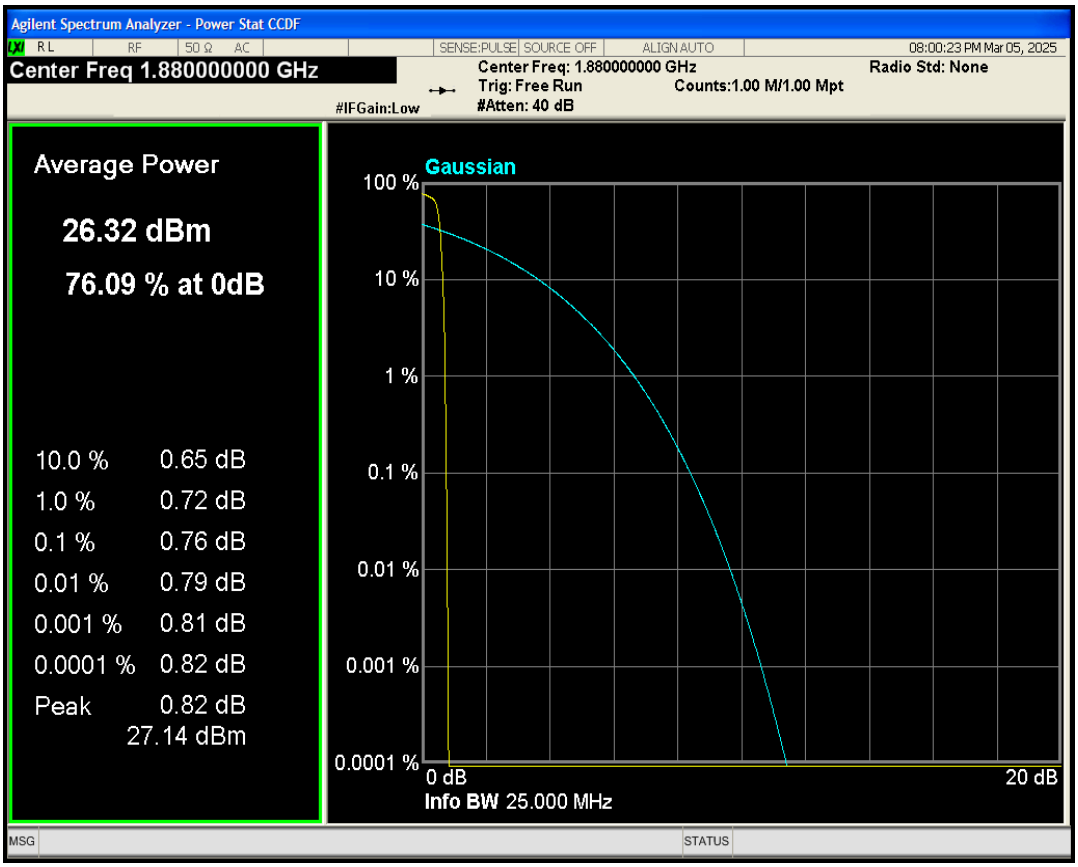
Band2 QPSK BW=10MHz Channel=18900 RB Size=1 Position=#0



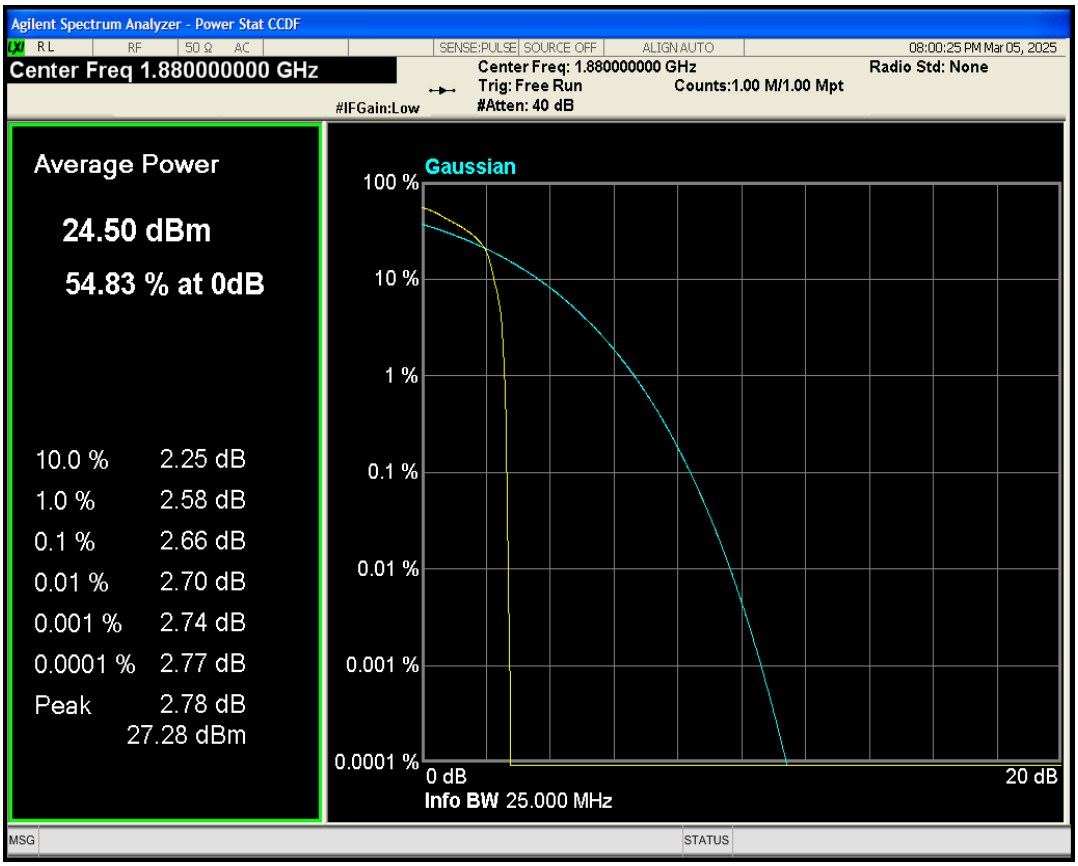
Band2 QAM16 BW=10MHz Channel=18900 RB Size=1 Position=#0



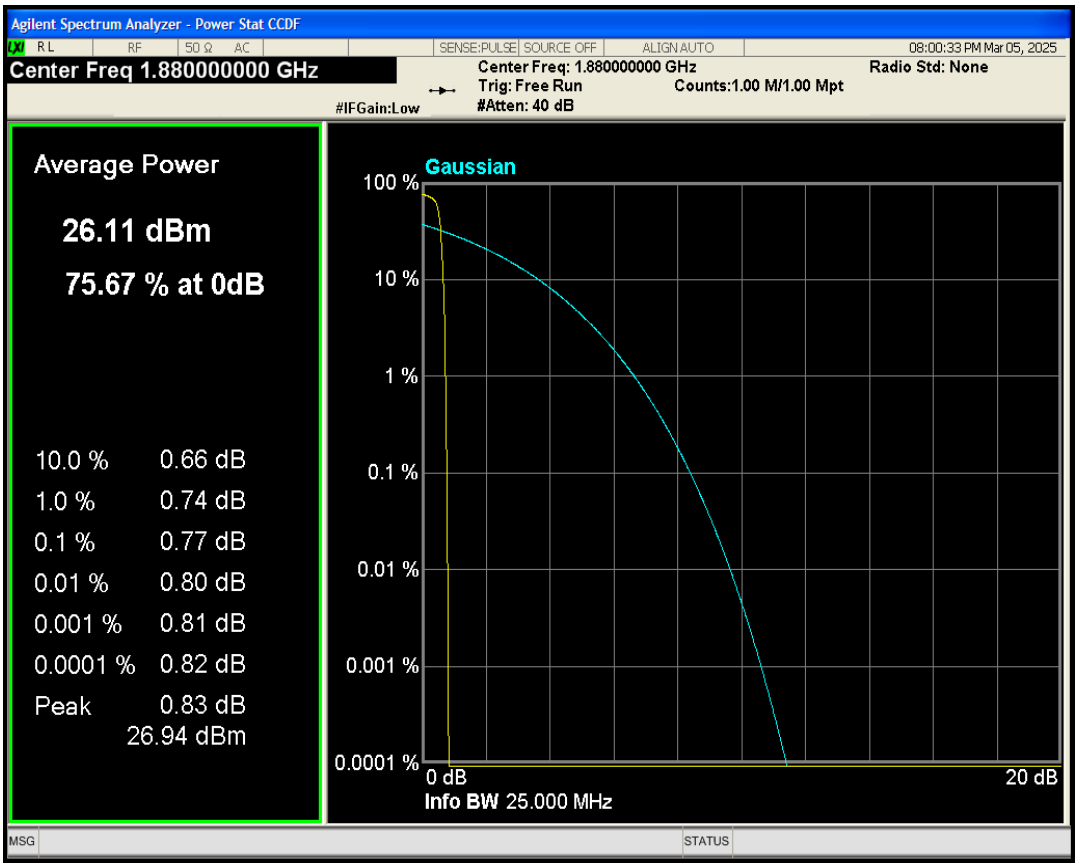
Band2 QPSK BW=15MHz Channel=18900 RB Size=1 Position=#0



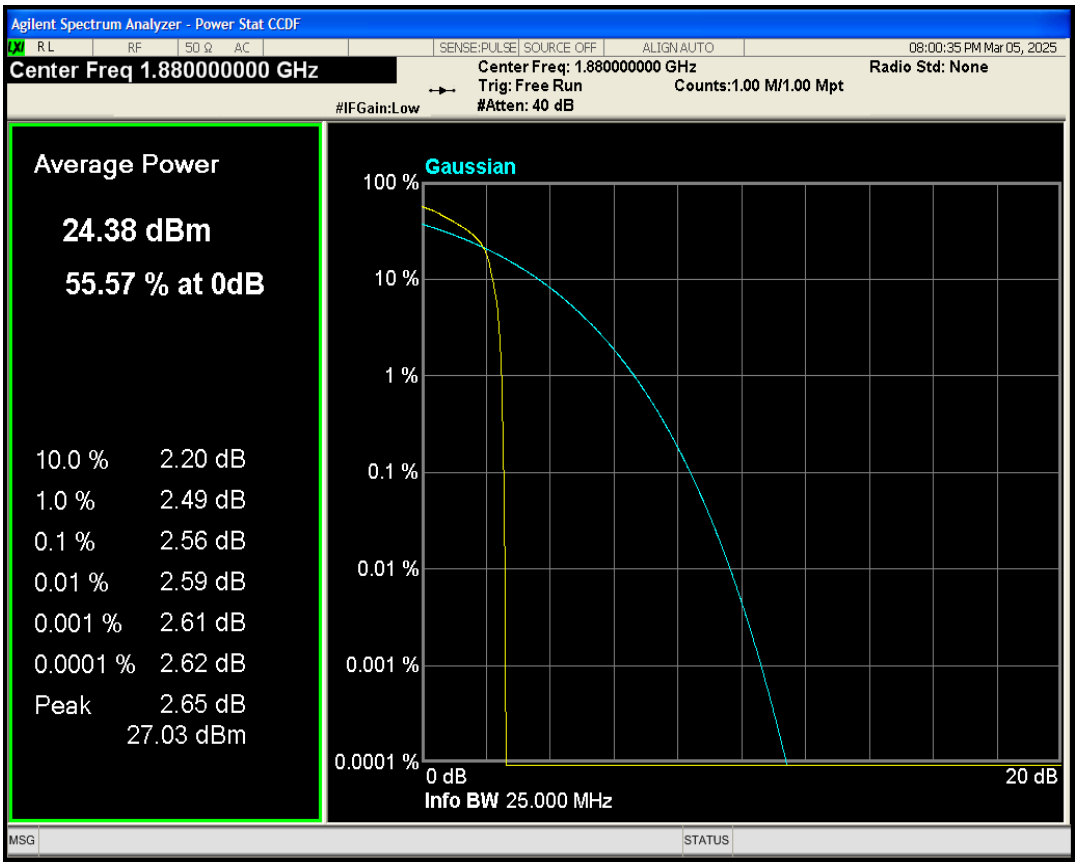
Band2 QAM16 BW=15MHz Channel=18900 RB Size=1 Position=#0



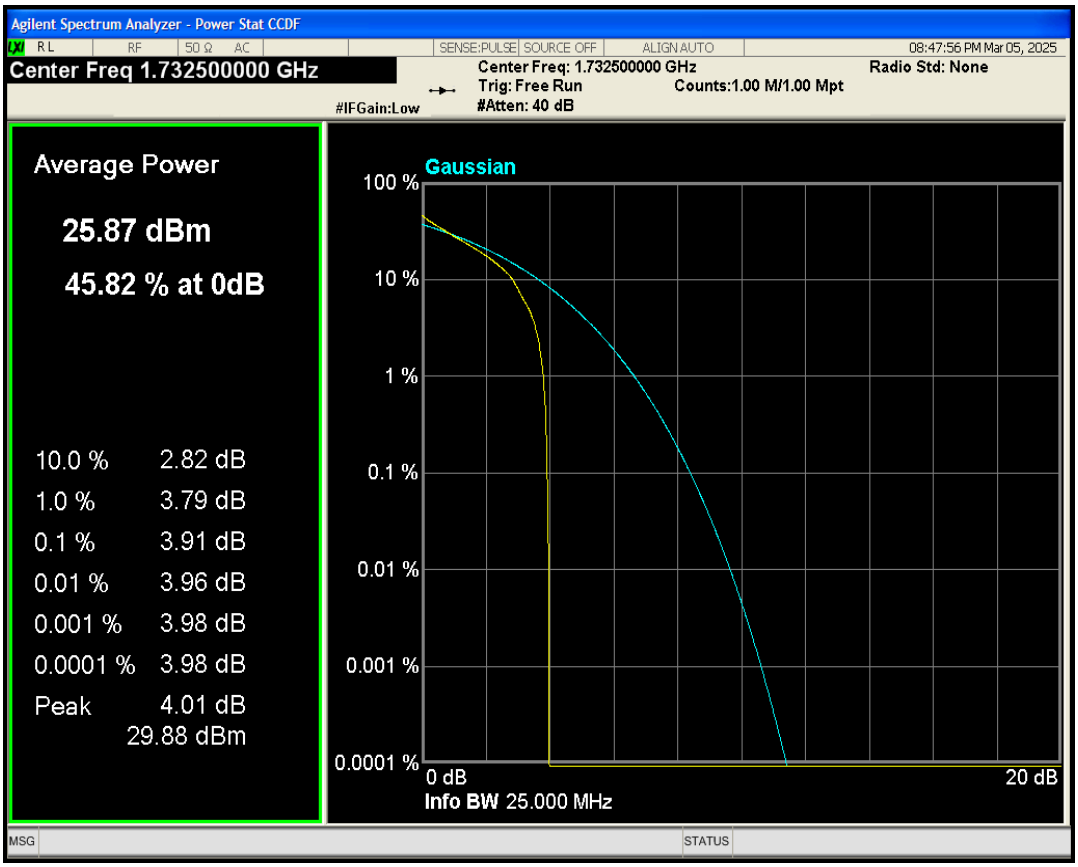
Band2 QPSK BW=20MHz Channel=18900 RB Size=1 Position=#0



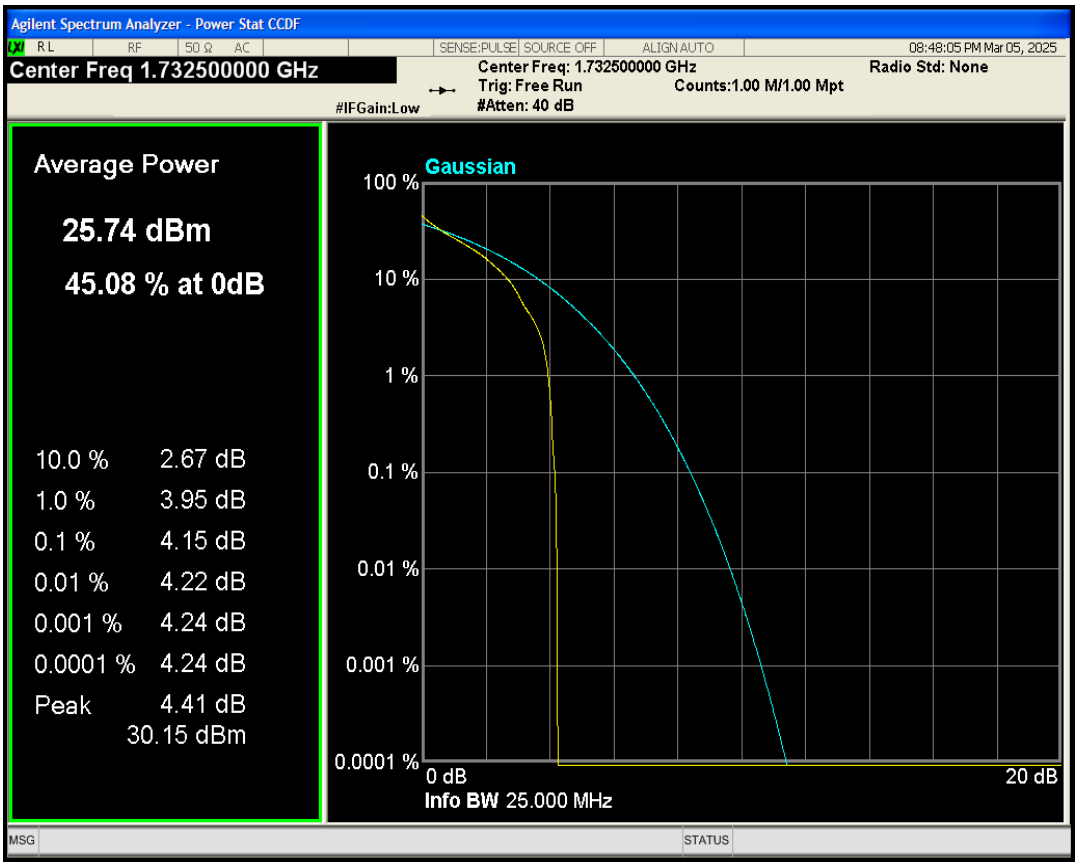
Band2 QAM16 BW=20MHz Channel=18900 RB Size=1 Position=#0



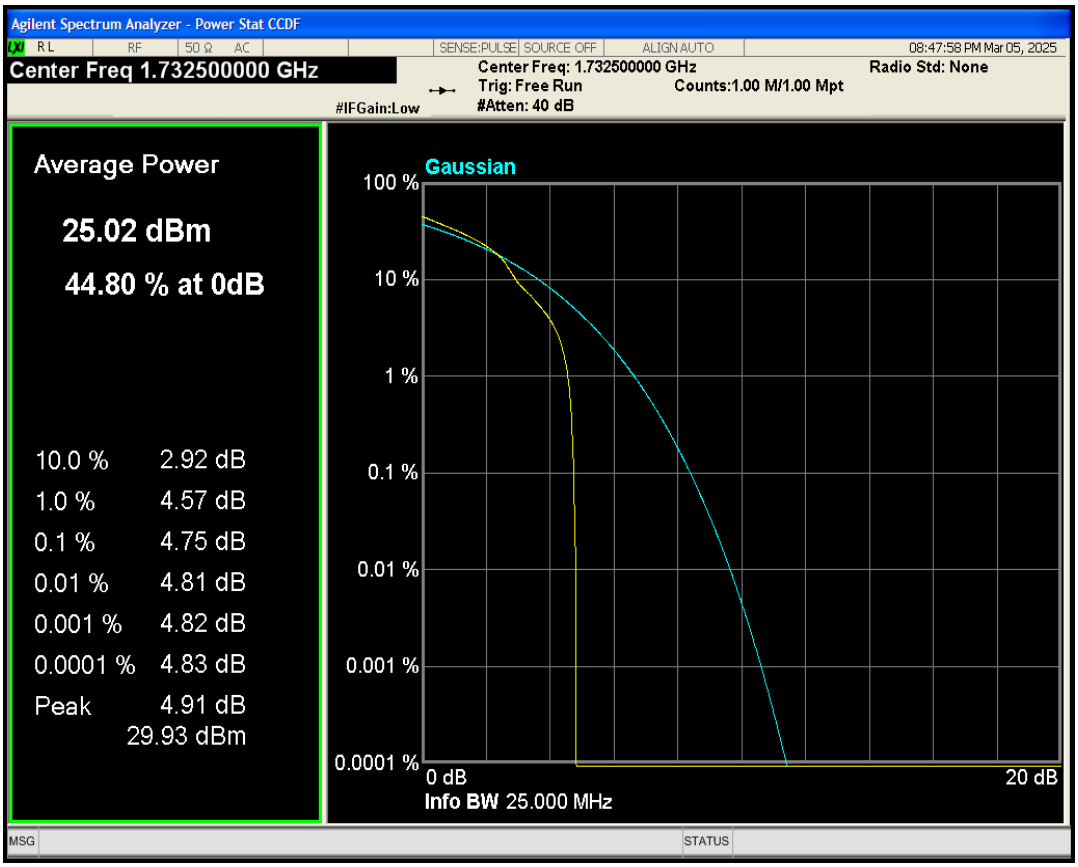
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0



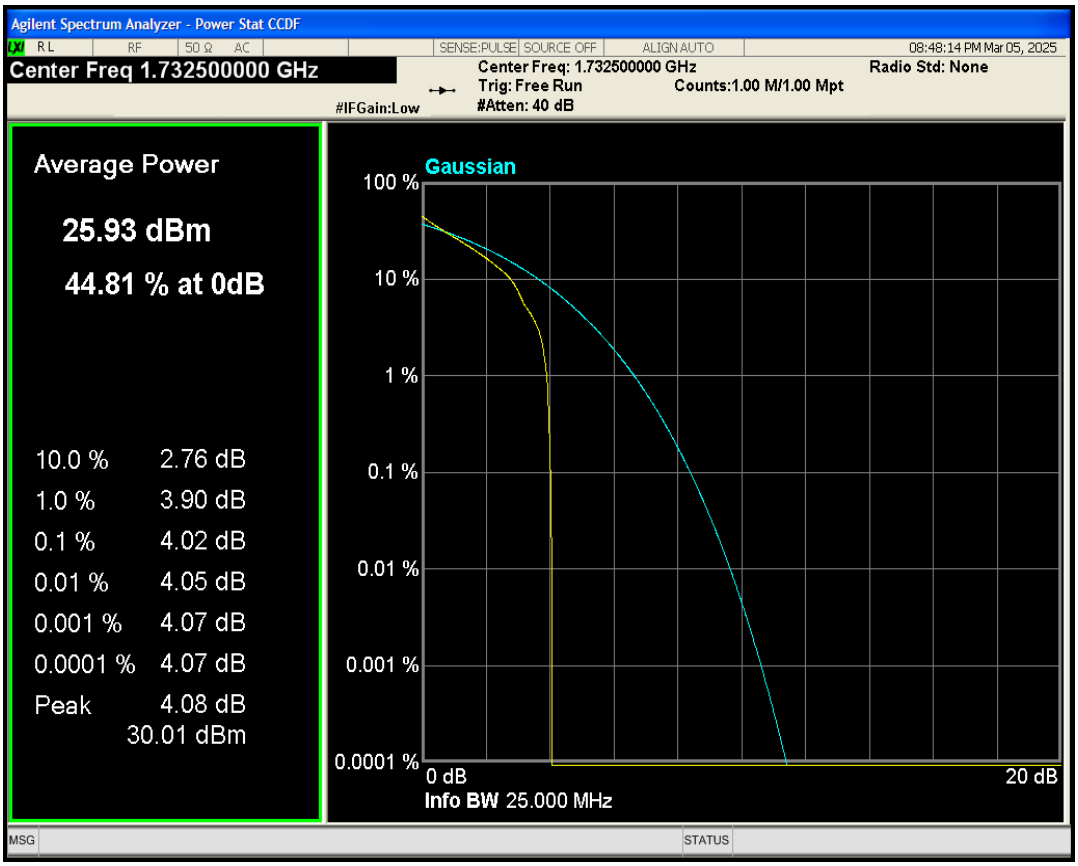
Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0



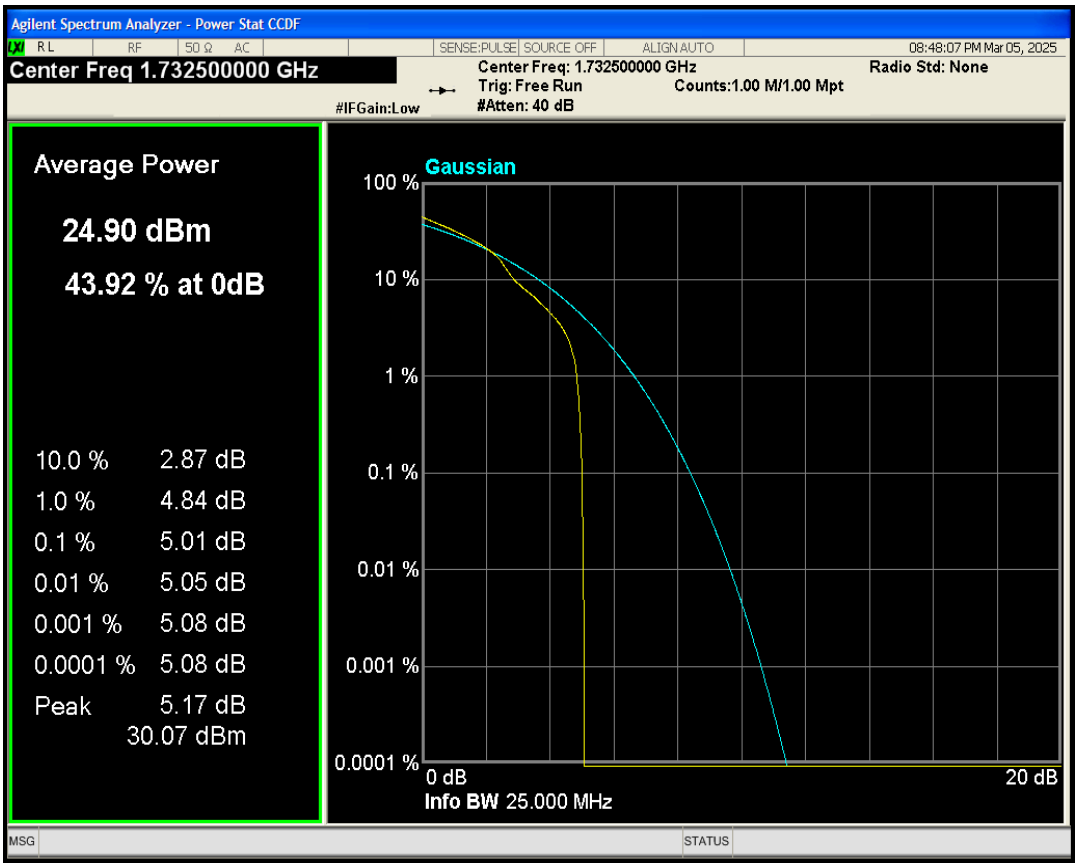
Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=1 Position=#0



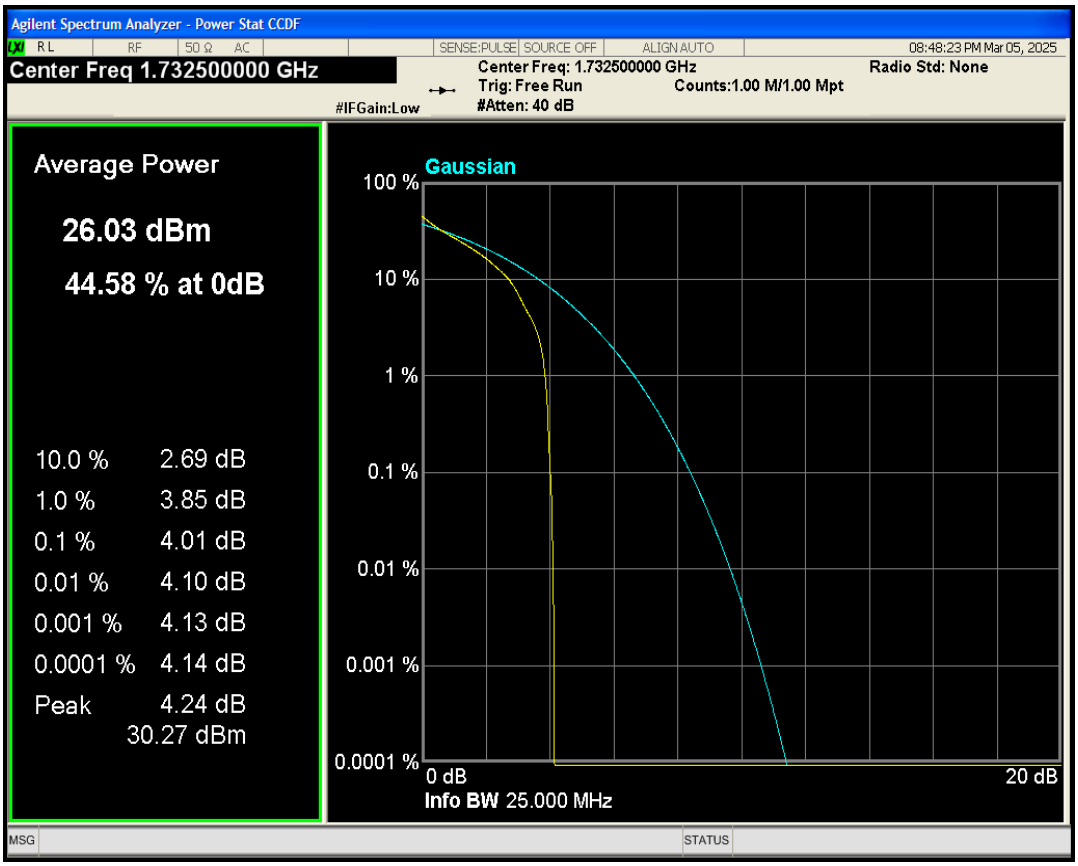
Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0



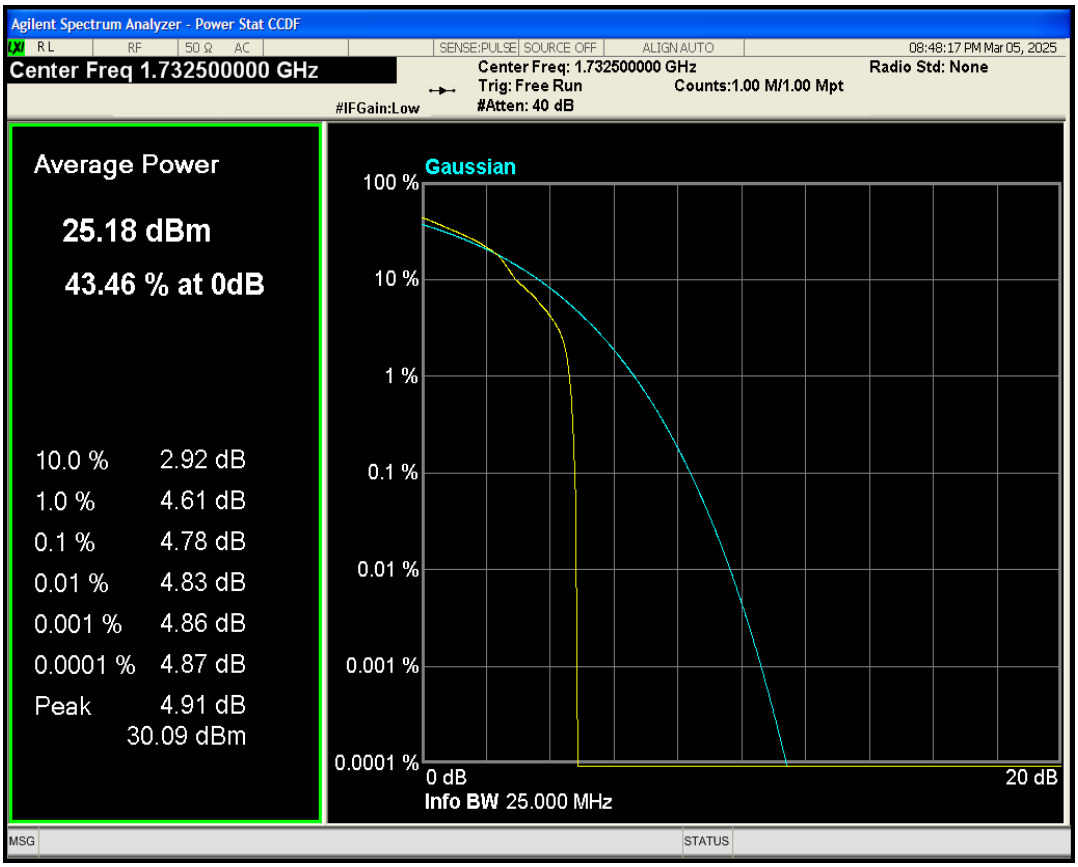
Band4 QAM16 BW=3MHz Channel=20175 RB Size=1 Position=#0



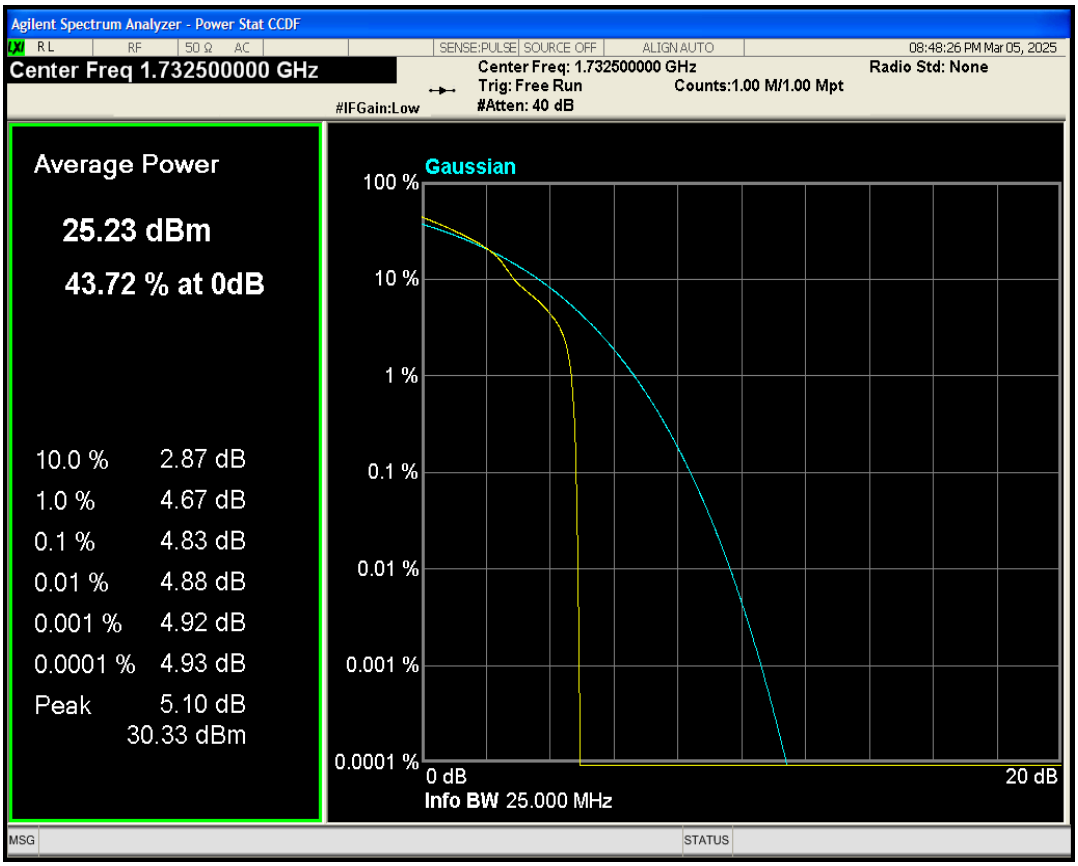
Band4 QPSK BW=10MHz Channel=20175 RB Size=1 Position=#0



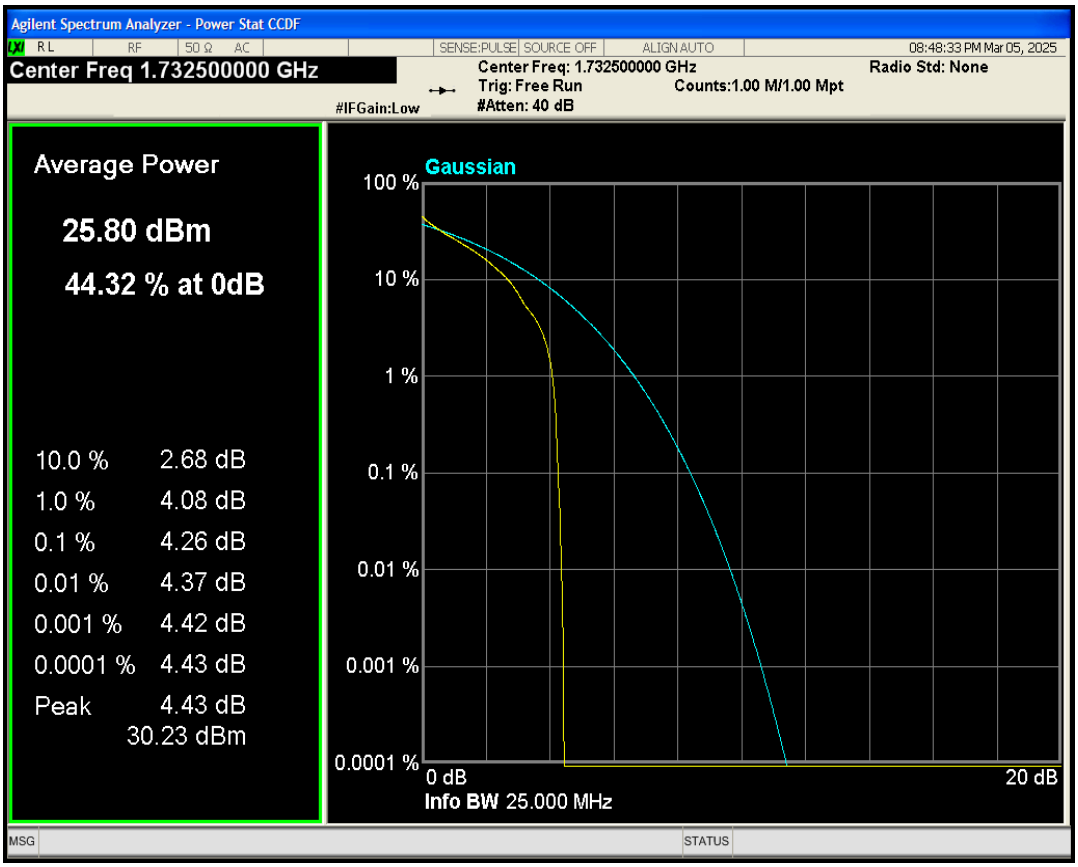
Band4 QAM16 BW=5MHz Channel=20175 RB Size=1 Position=#0



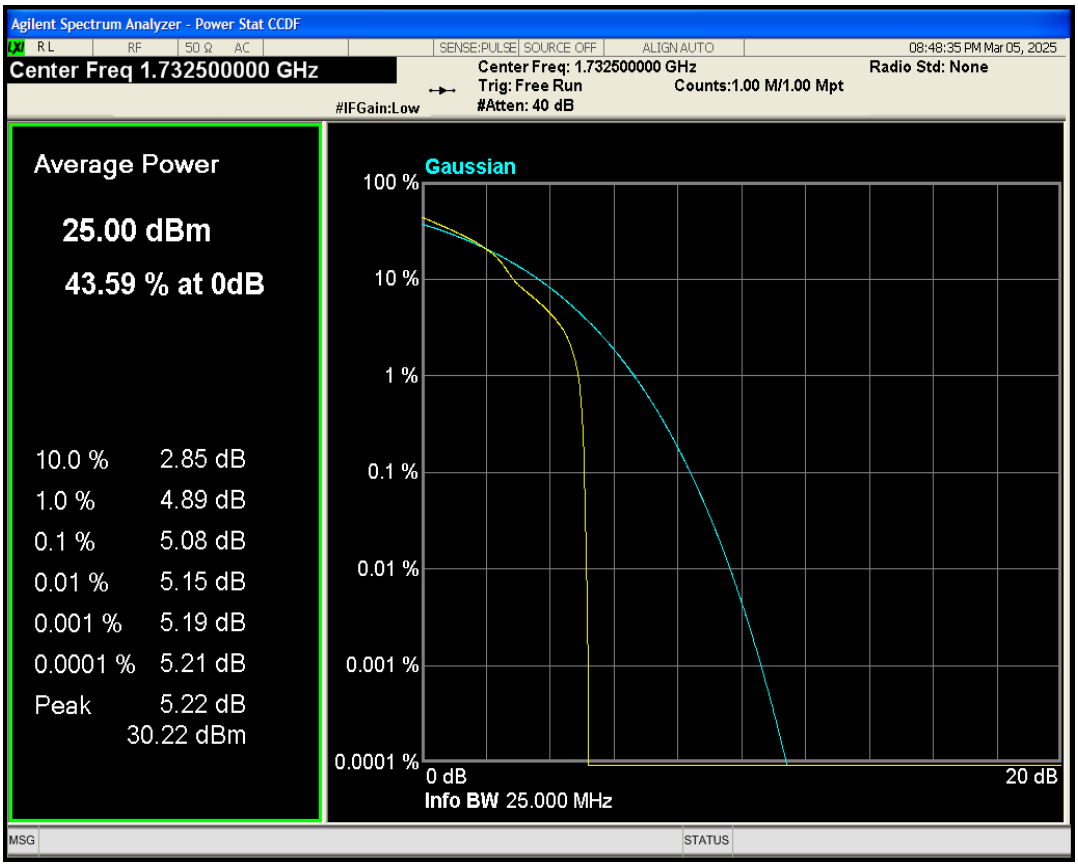
Band4 QAM16 BW=10MHz Channel=20175 RB Size=1 Position=#0



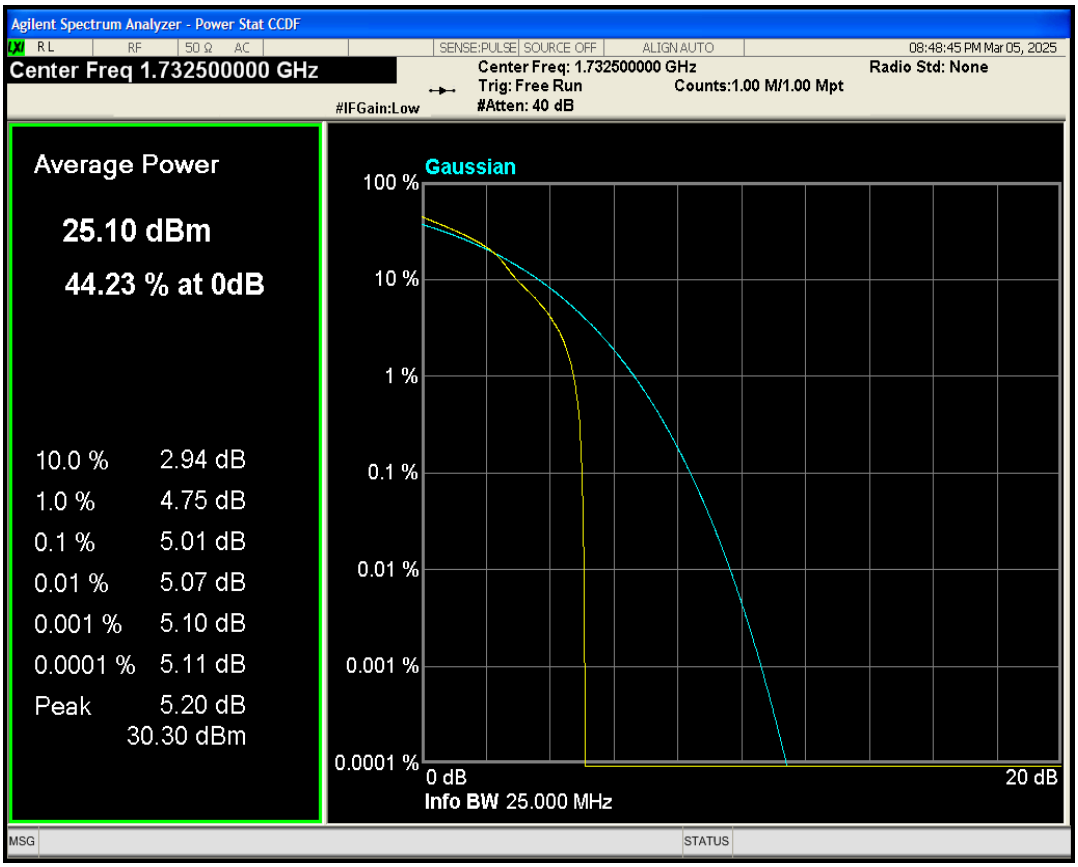
Band4 QPSK BW=15MHz Channel=20175 RB Size=1 Position=#0



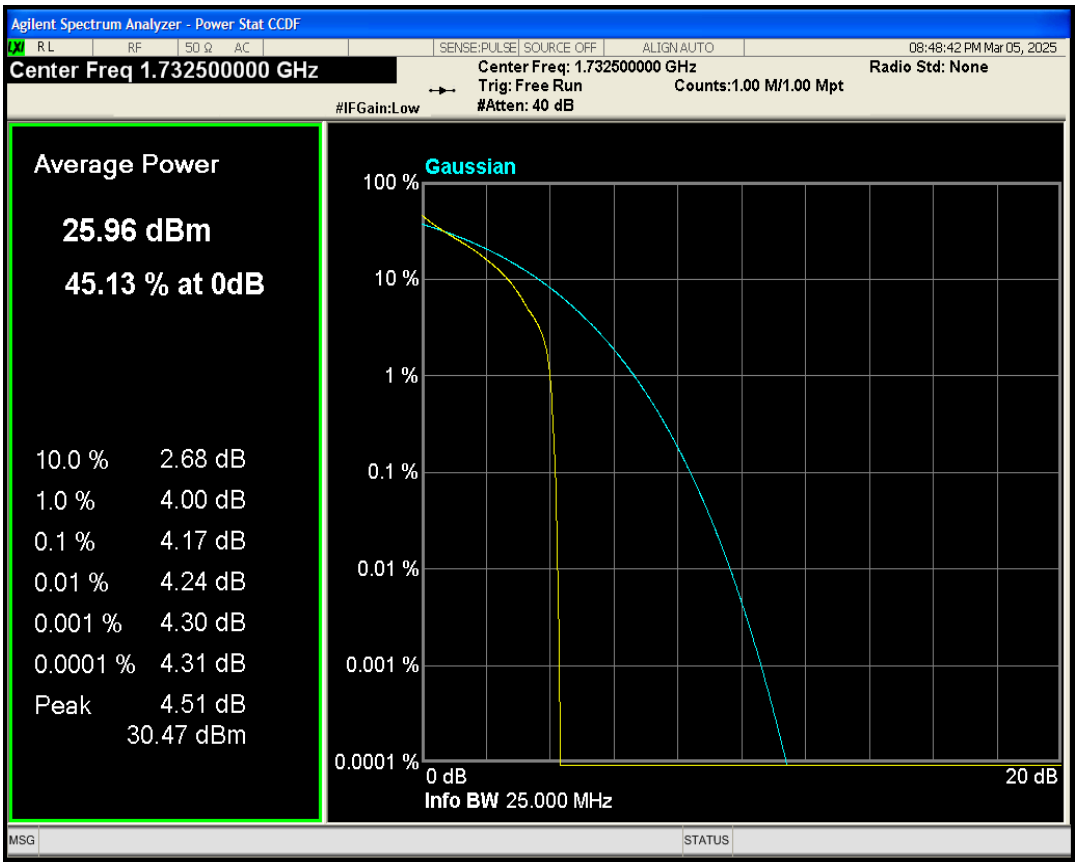
Band4 QAM16 BW=15MHz Channel=20175 RB Size=1 Position=#0



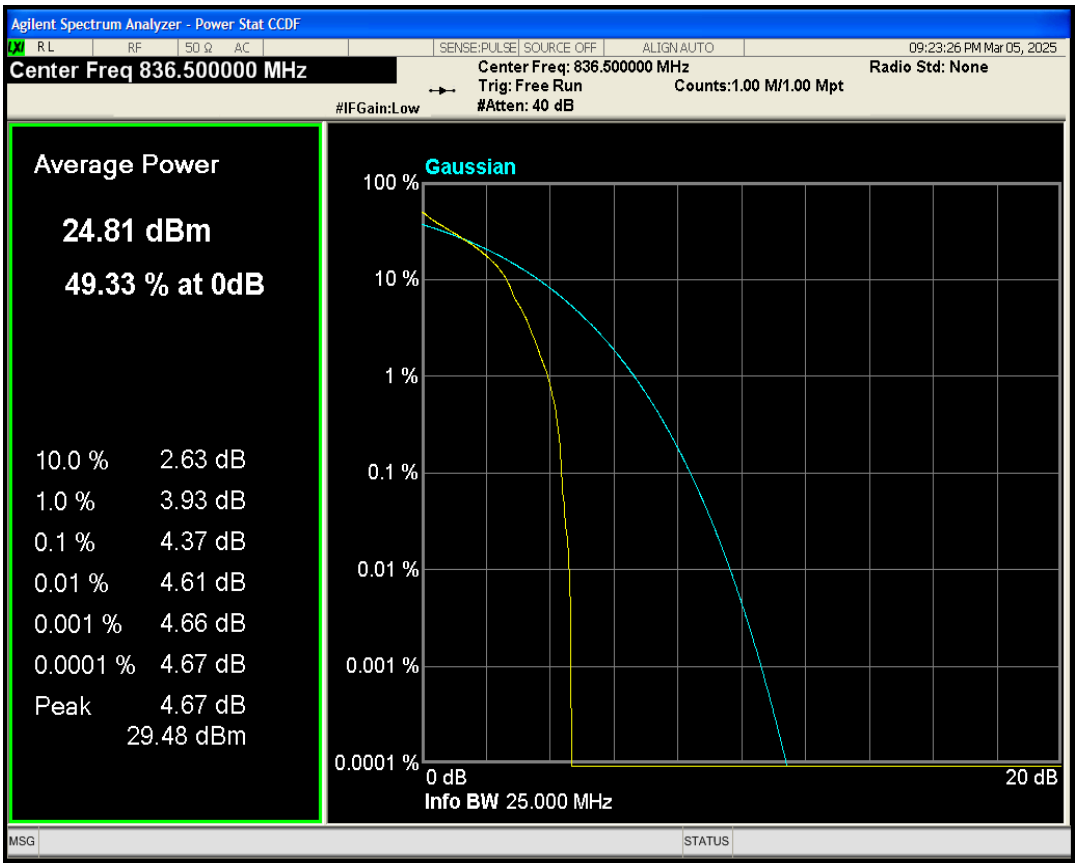
Band4 QAM16 BW=20MHz Channel=20175 RB Size=1 Position=#0



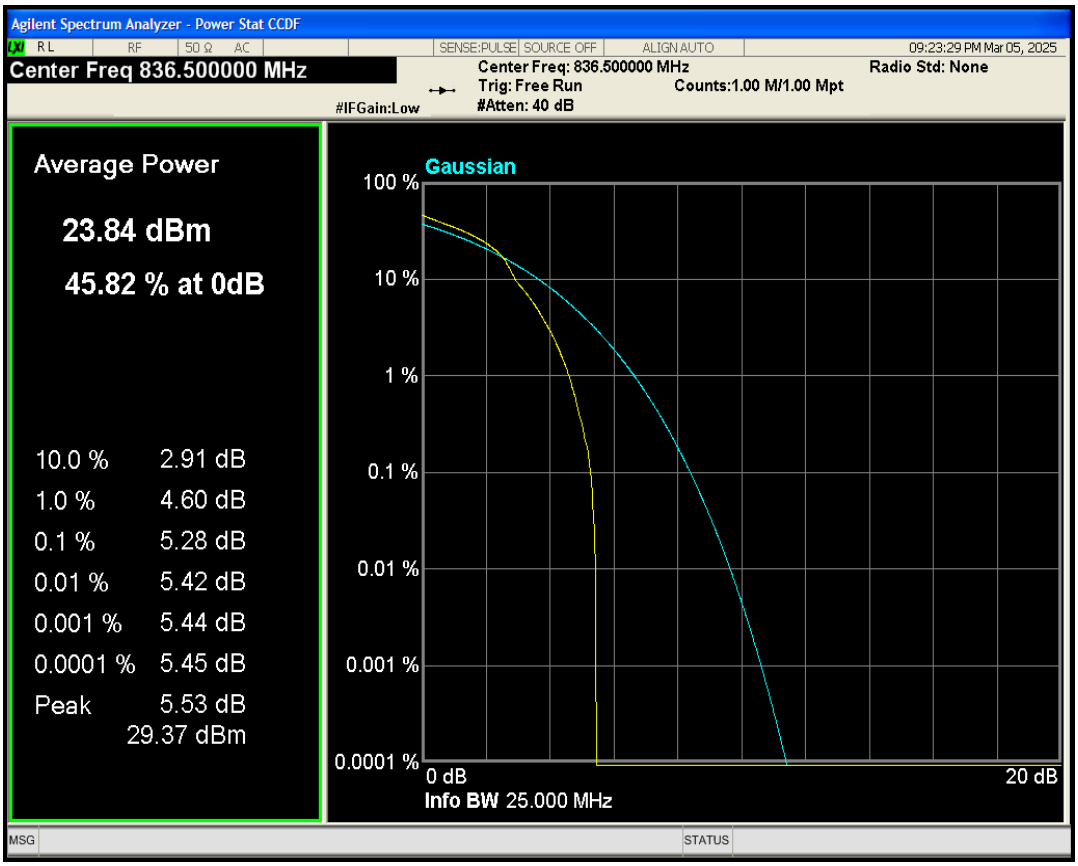
Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0



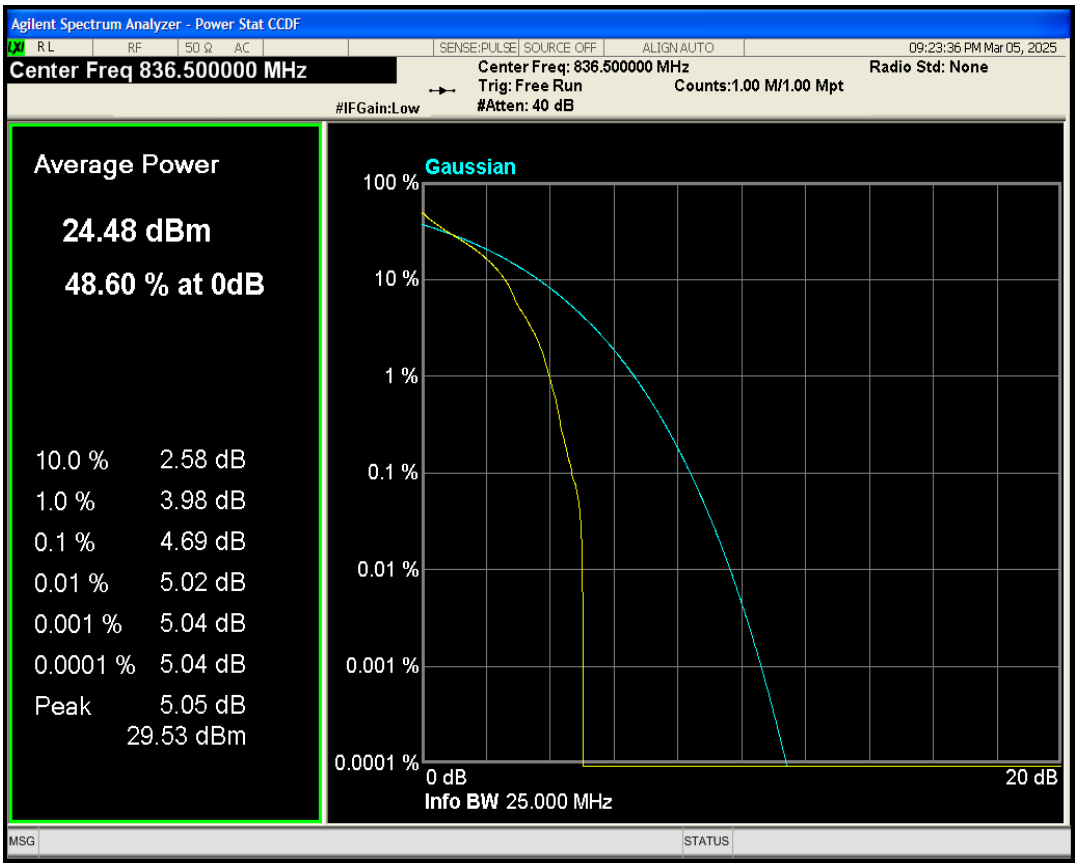
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=1 Position=#0



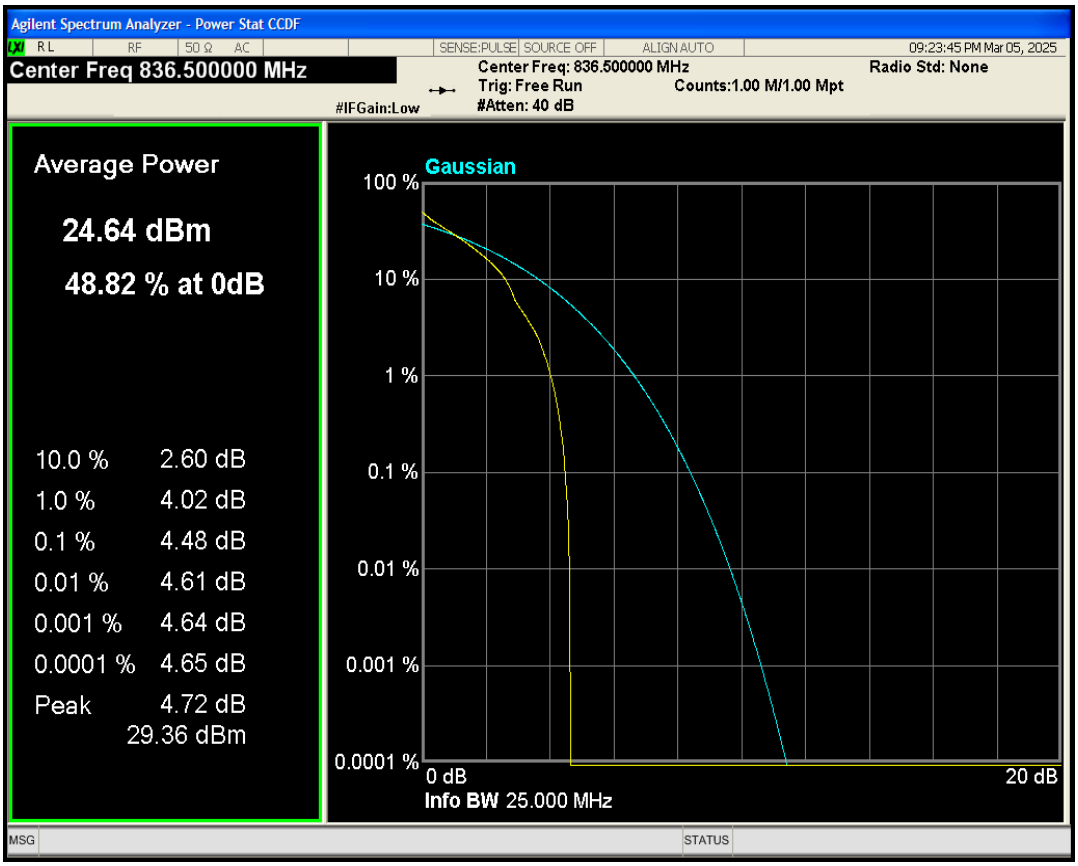
Band5 QAM16 BW=1.4MHz Channel=20525 RB Size=1 Position=#0



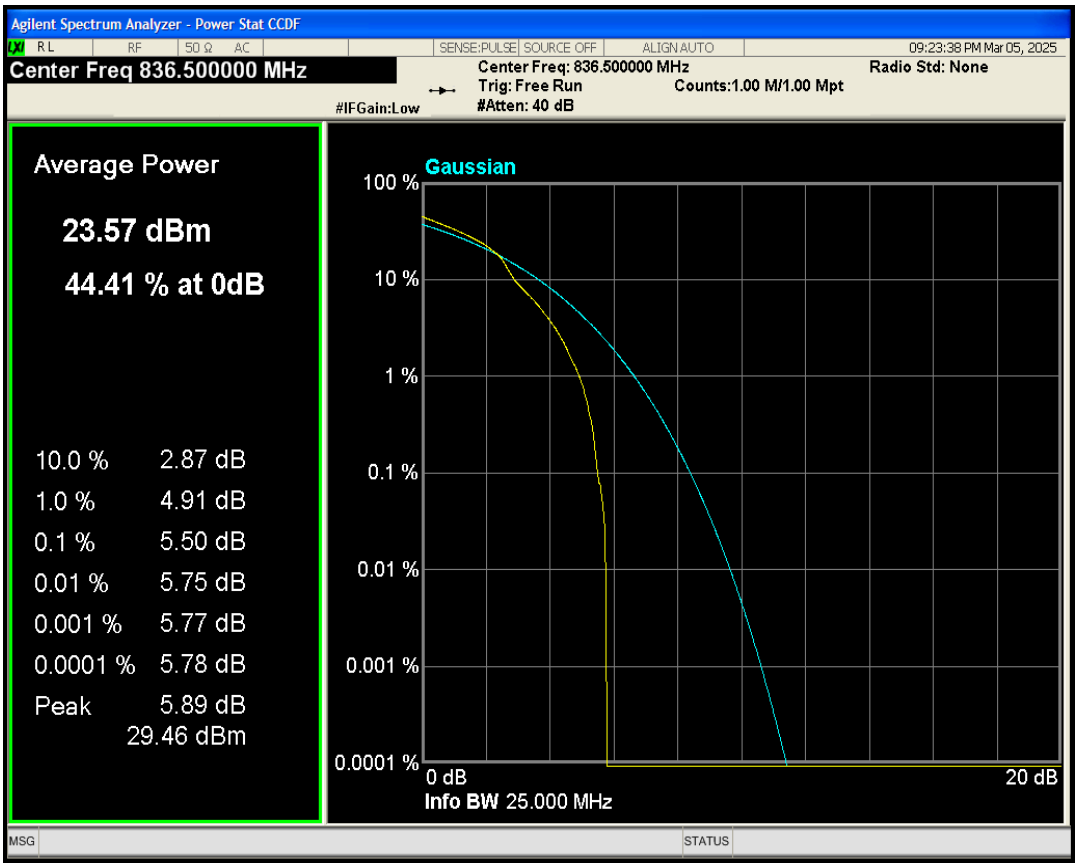
Band5 QPSK BW=3MHz Channel=20525 RB Size=1 Position=#0



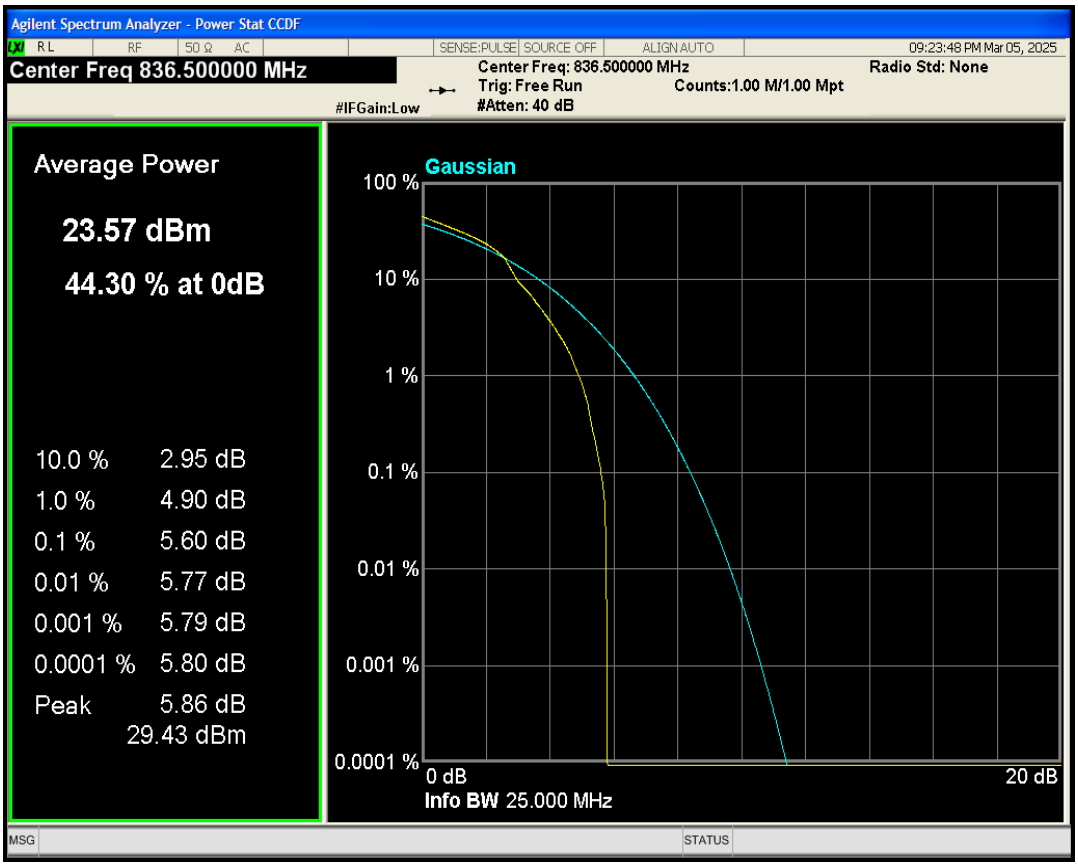
Band5 QPSK BW=5MHz Channel=20525 RB Size=1 Position=#0



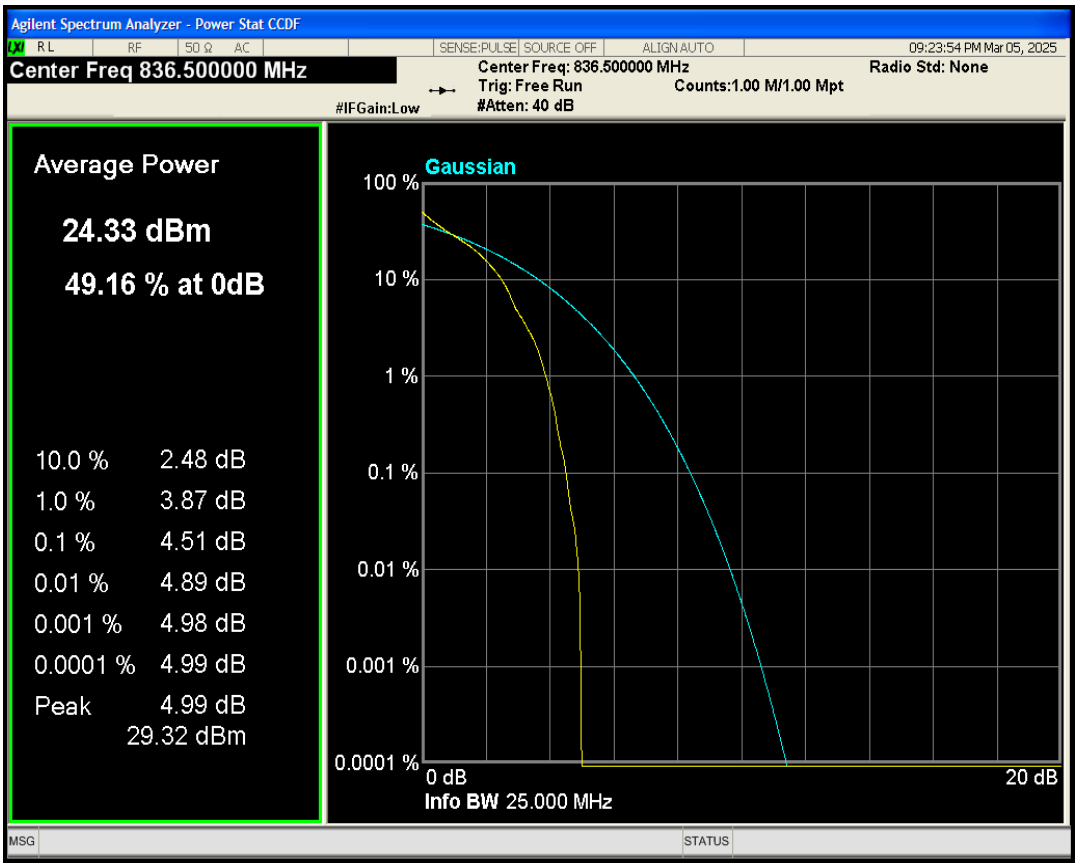
Band5 QAM16 BW=3MHz Channel=20525 RB Size=1 Position=#0



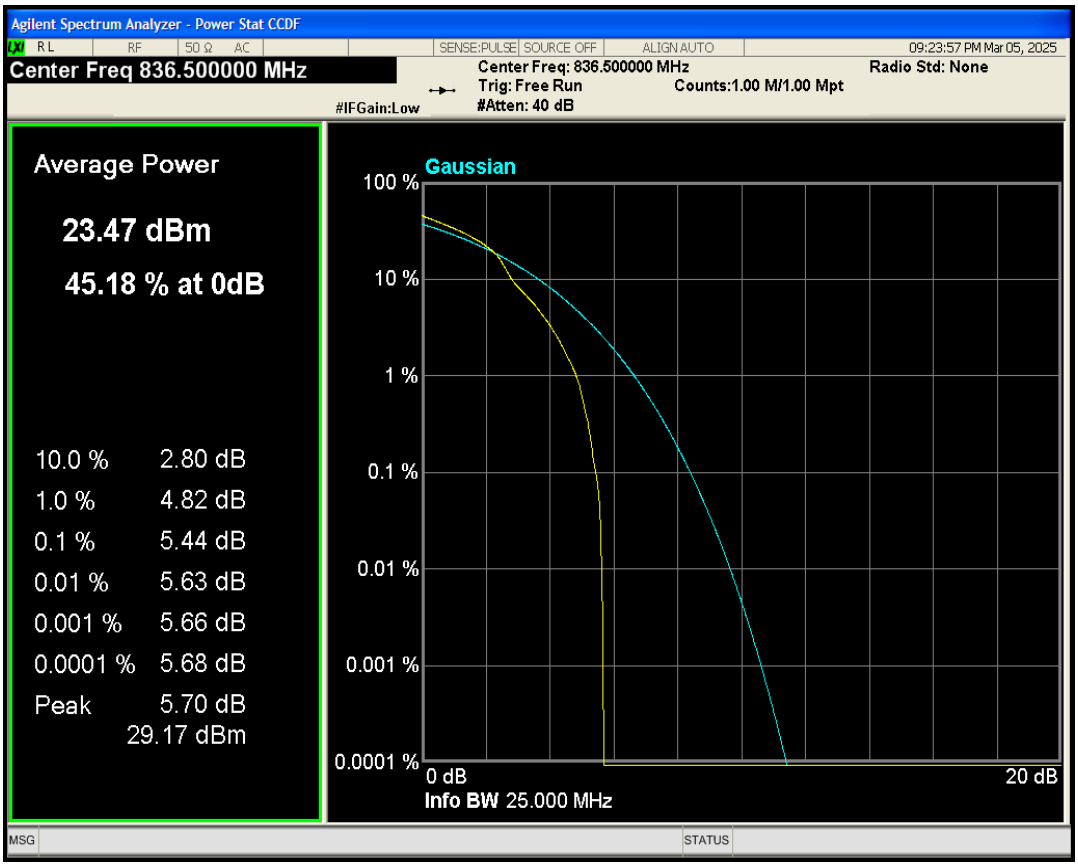
Band5 QAM16 BW=5MHz Channel=20525 RB Size=1 Position=#0



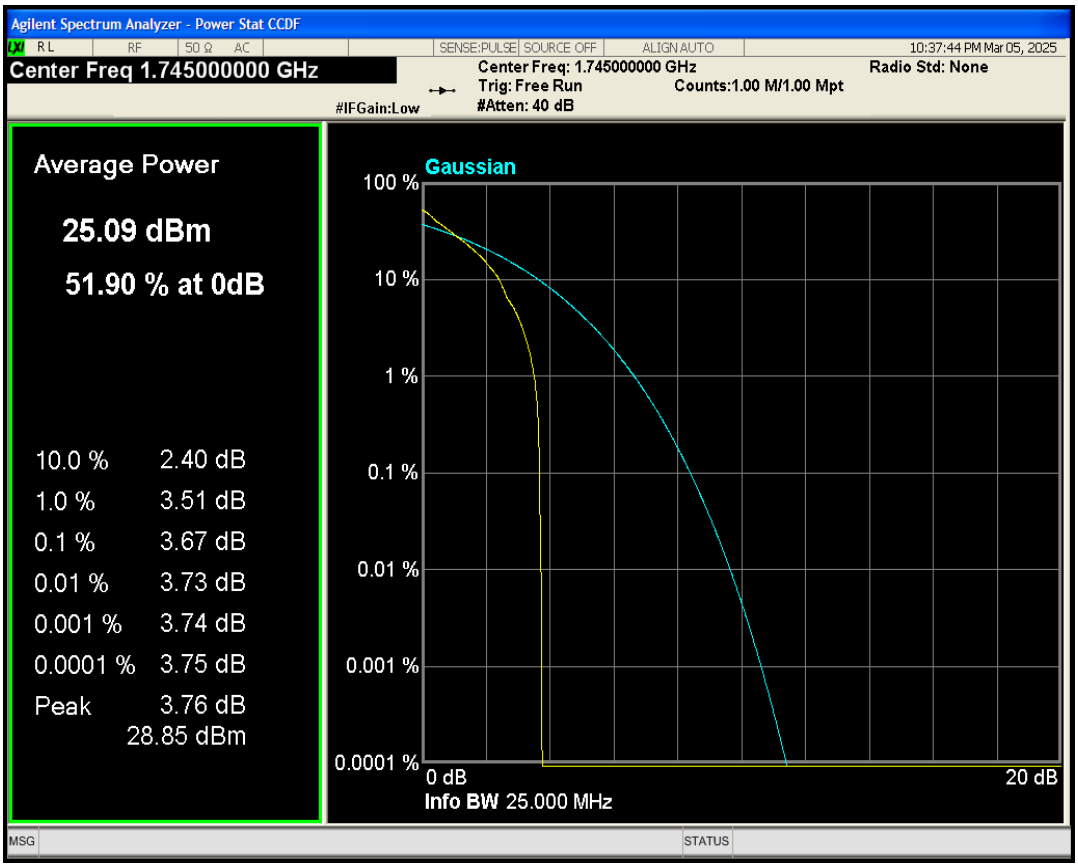
Band5 QPSK BW=10MHz Channel=20525 RB Size=1 Position=#0



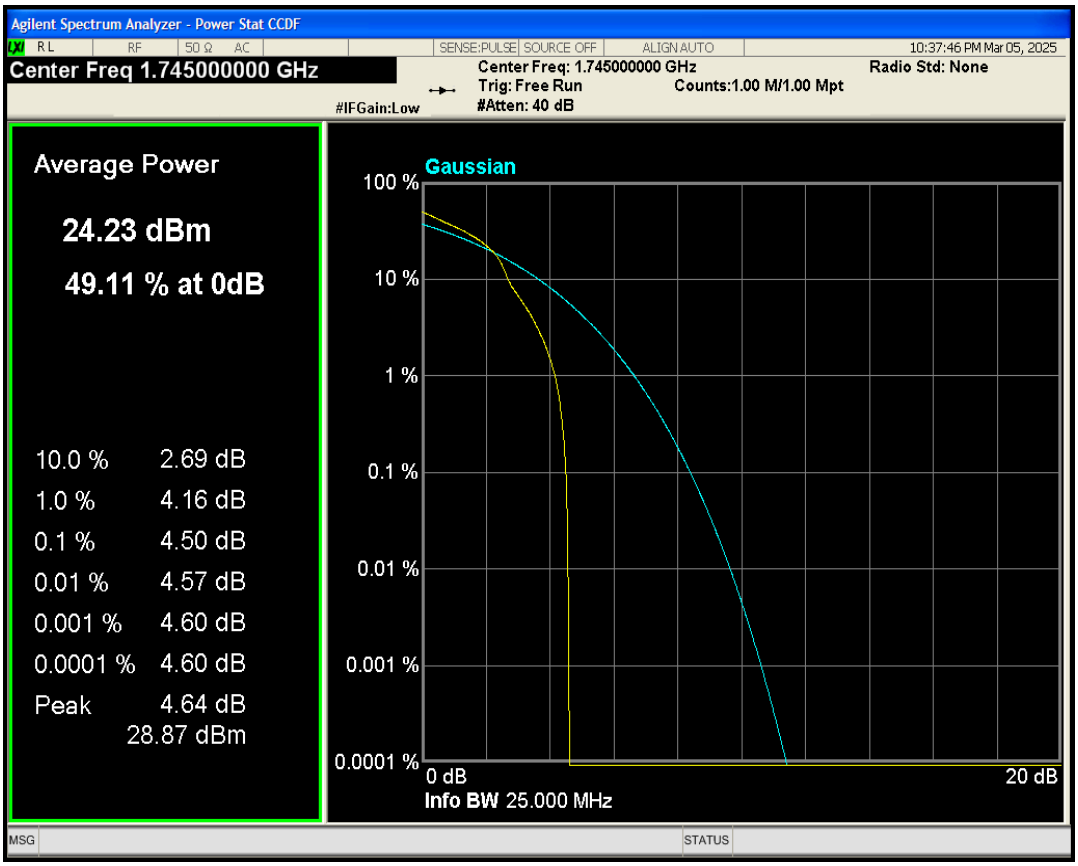
Band5 QAM16 BW=10MHz Channel=20525 RB Size=1 Position=#0



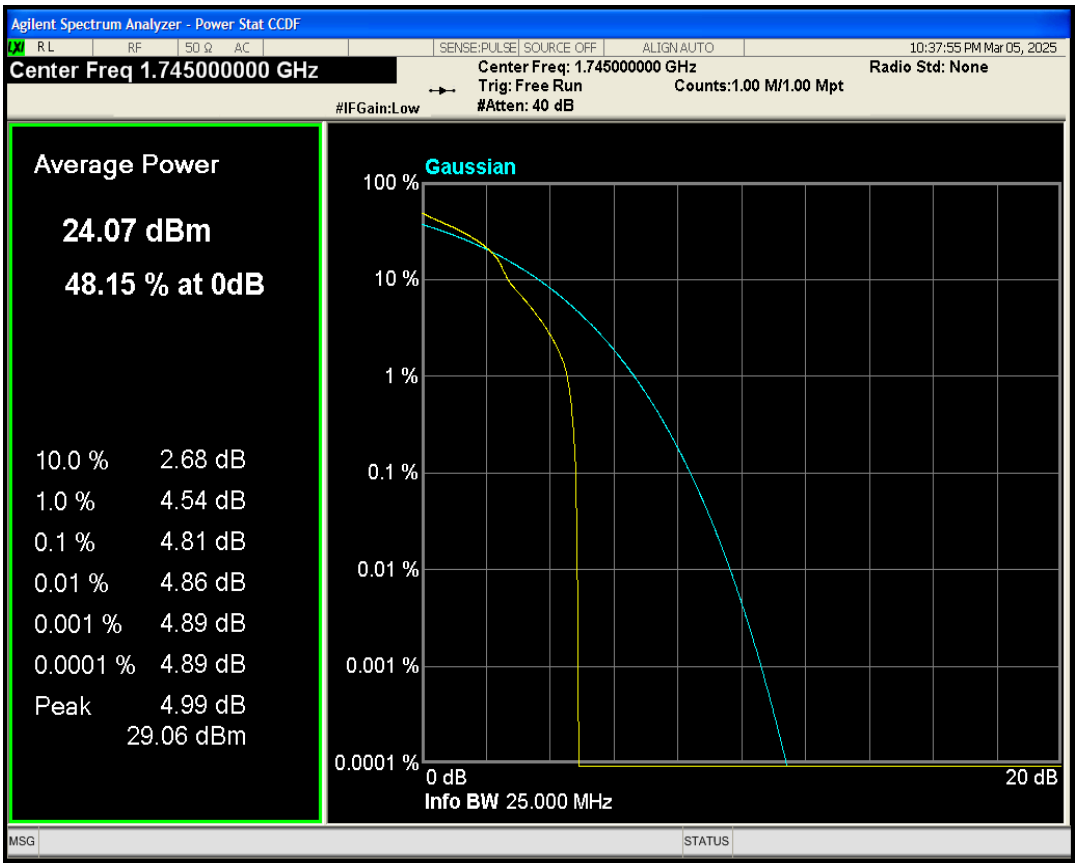
Band66 QPSK BW=1.4MHz Channel=132322 RB Size=1 Position=#0



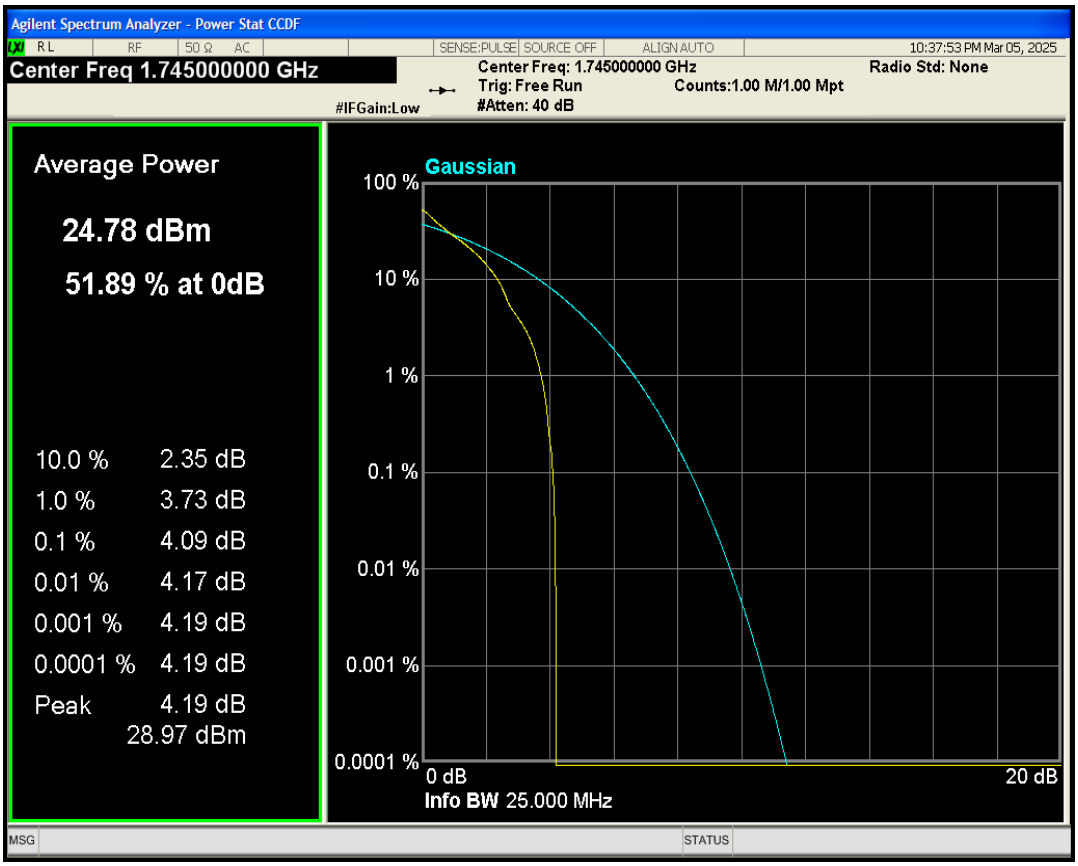
Band66 QAM16 BW=1.4MHz Channel=132322 RB Size=1 Position=#0



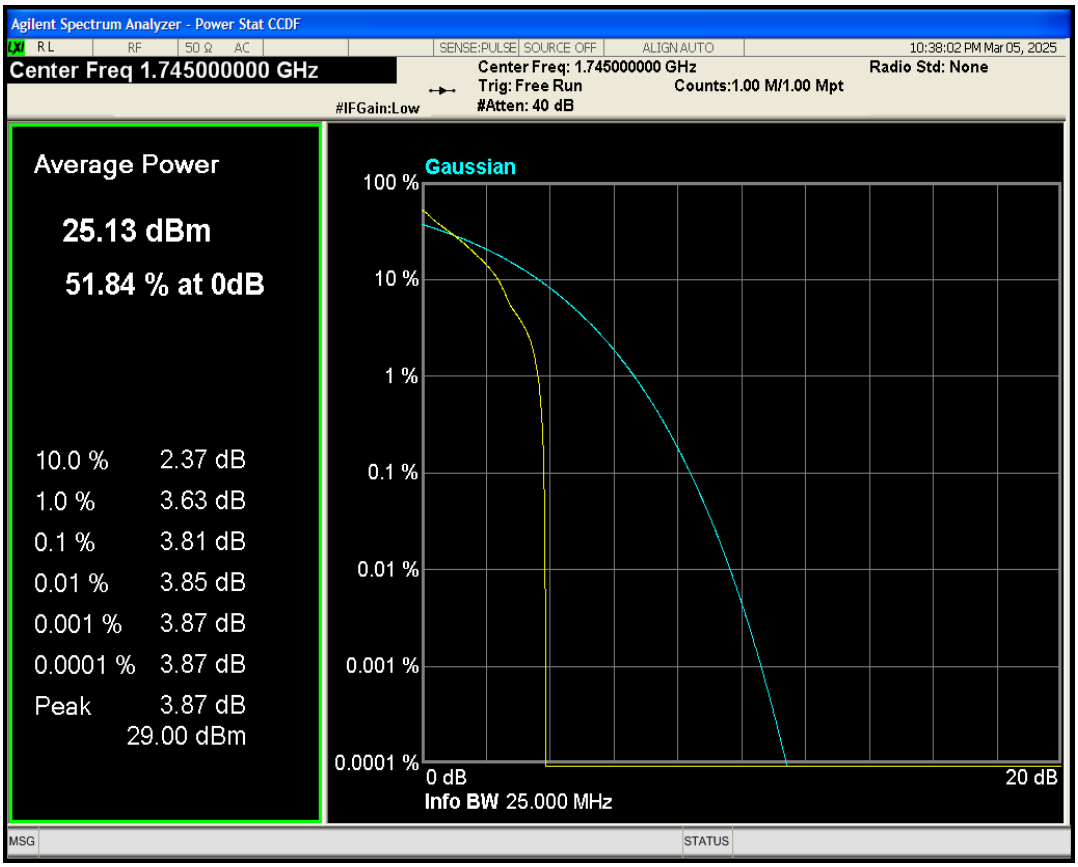
Band66 QAM16 BW=3MHz Channel=132322 RB Size=1 Position=#0



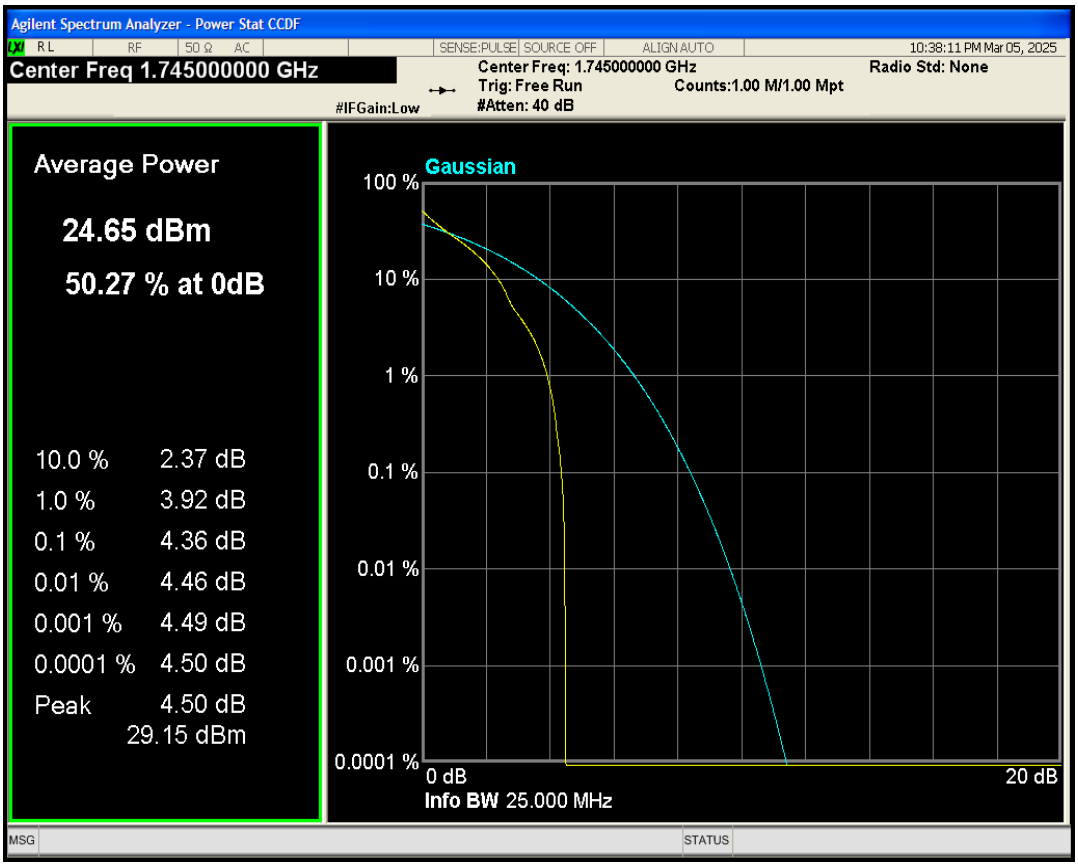
Band66 QPSK BW=3MHz Channel=132322 RB Size=1 Position=#0



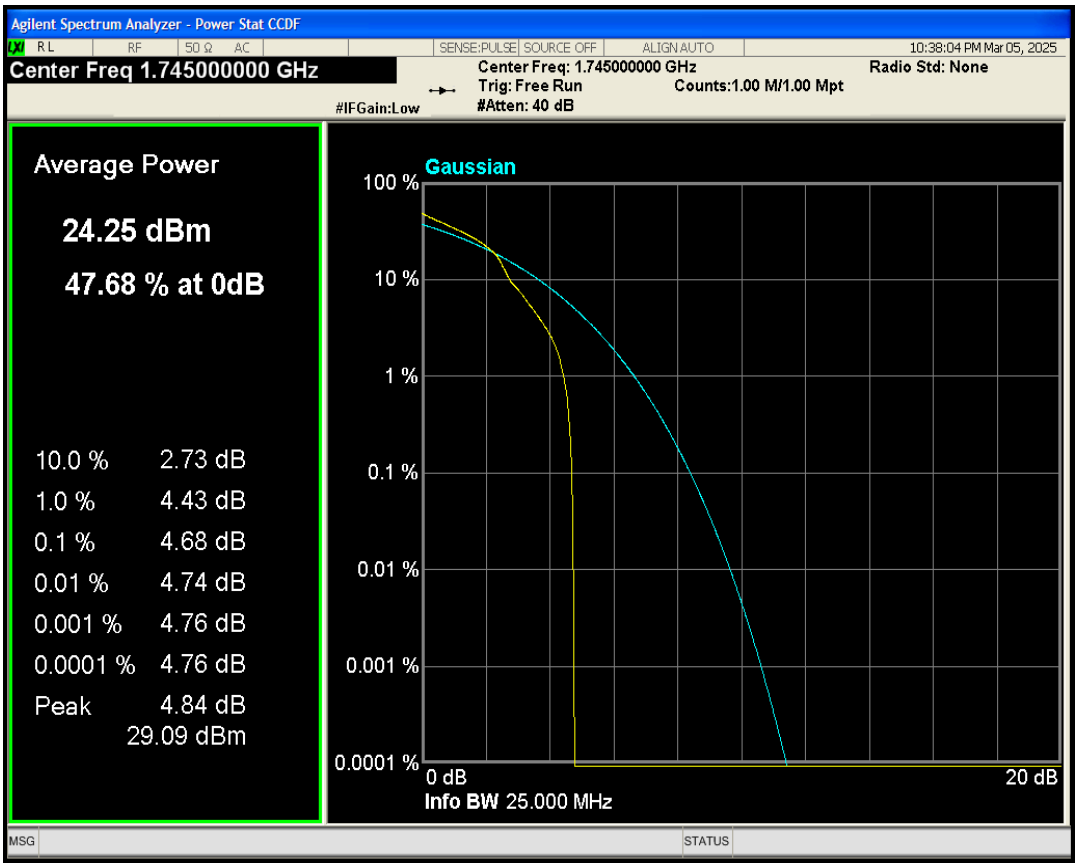
Band66 QPSK BW=5MHz Channel=132322 RB Size=1 Position=#0



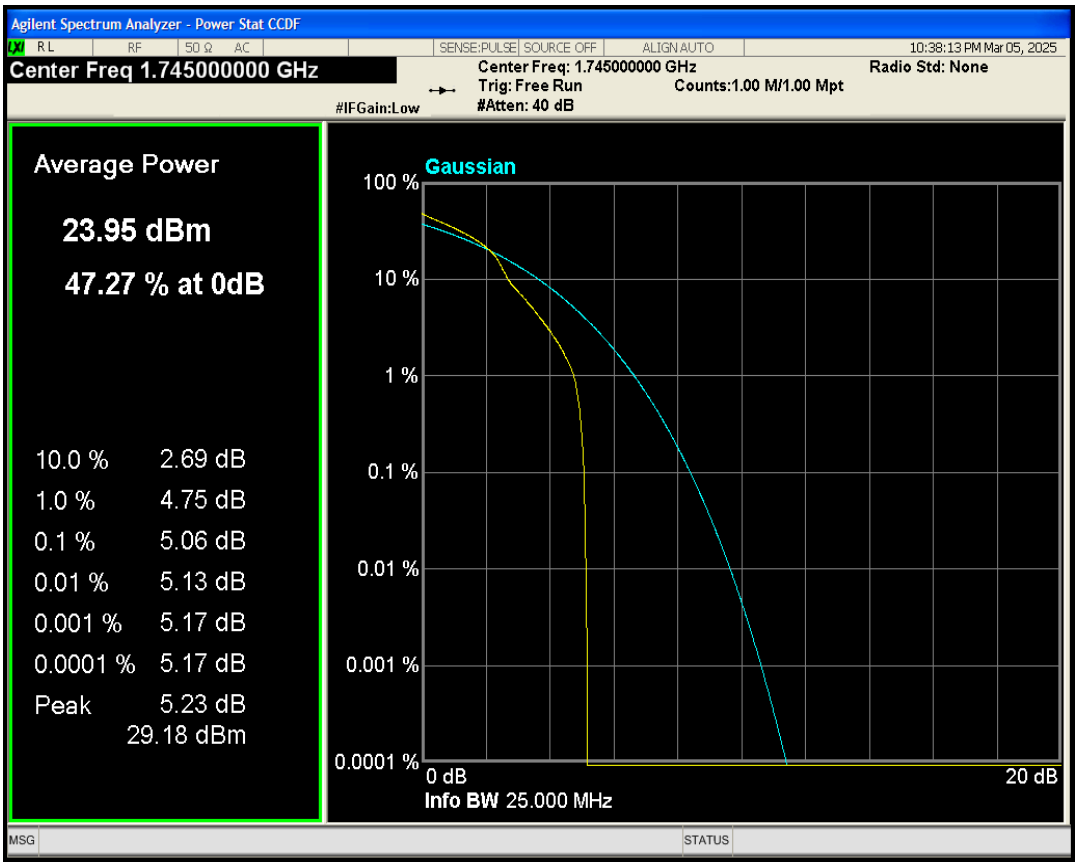
Band66 QPSK BW=10MHz Channel=132322 RB Size=1 Position=#0



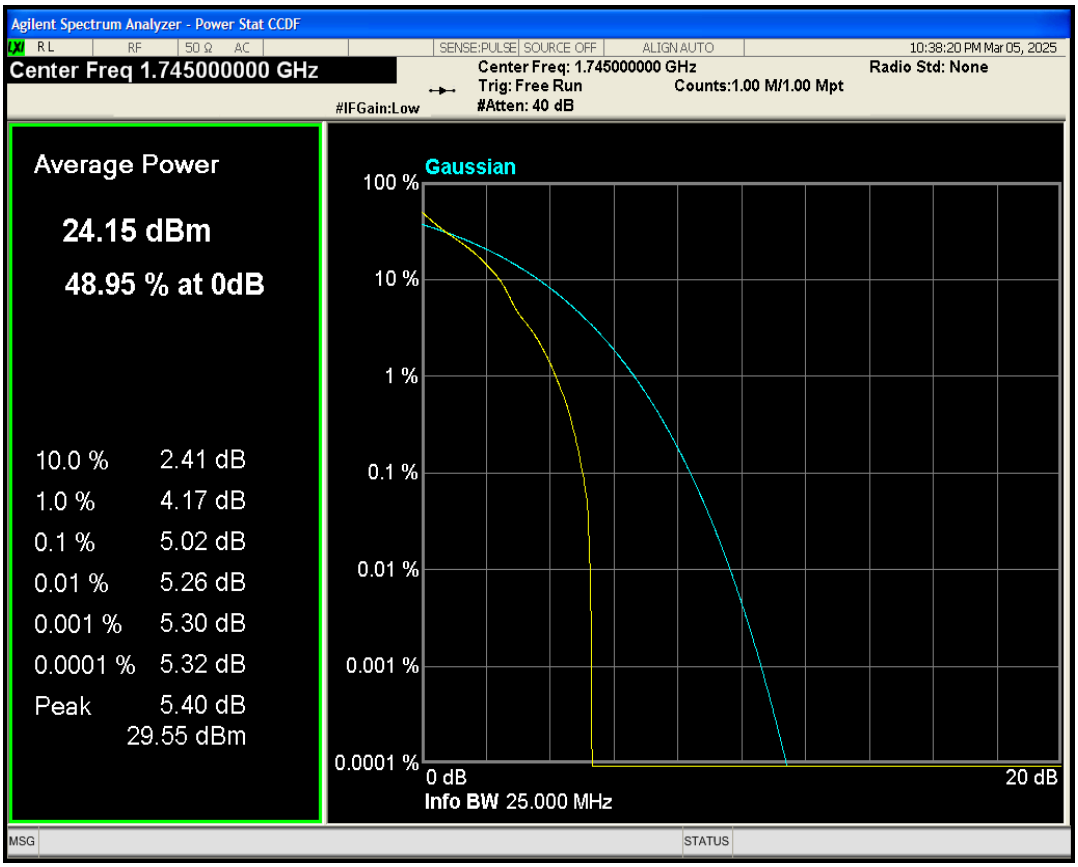
Band66 QAM16 BW=5MHz Channel=132322 RB Size=1 Position=#0



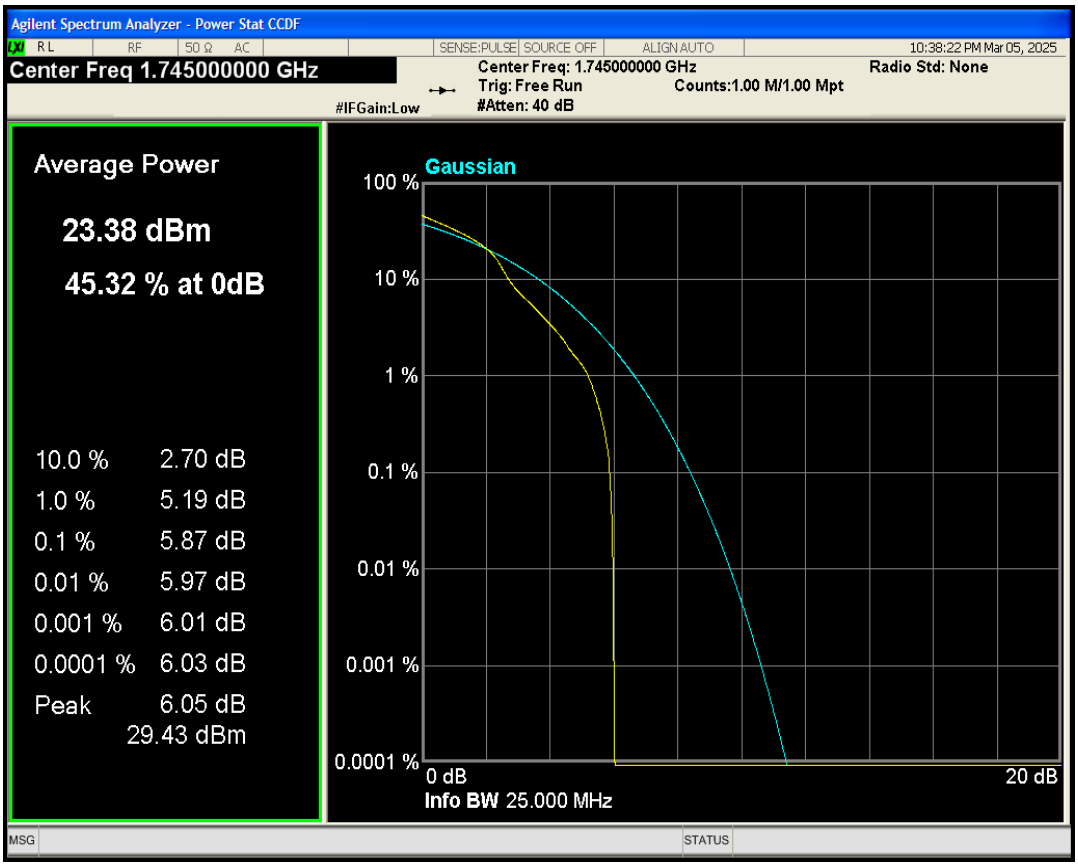
Band66 QAM16 BW=10MHz Channel=132322 RB Size=1 Position=#0



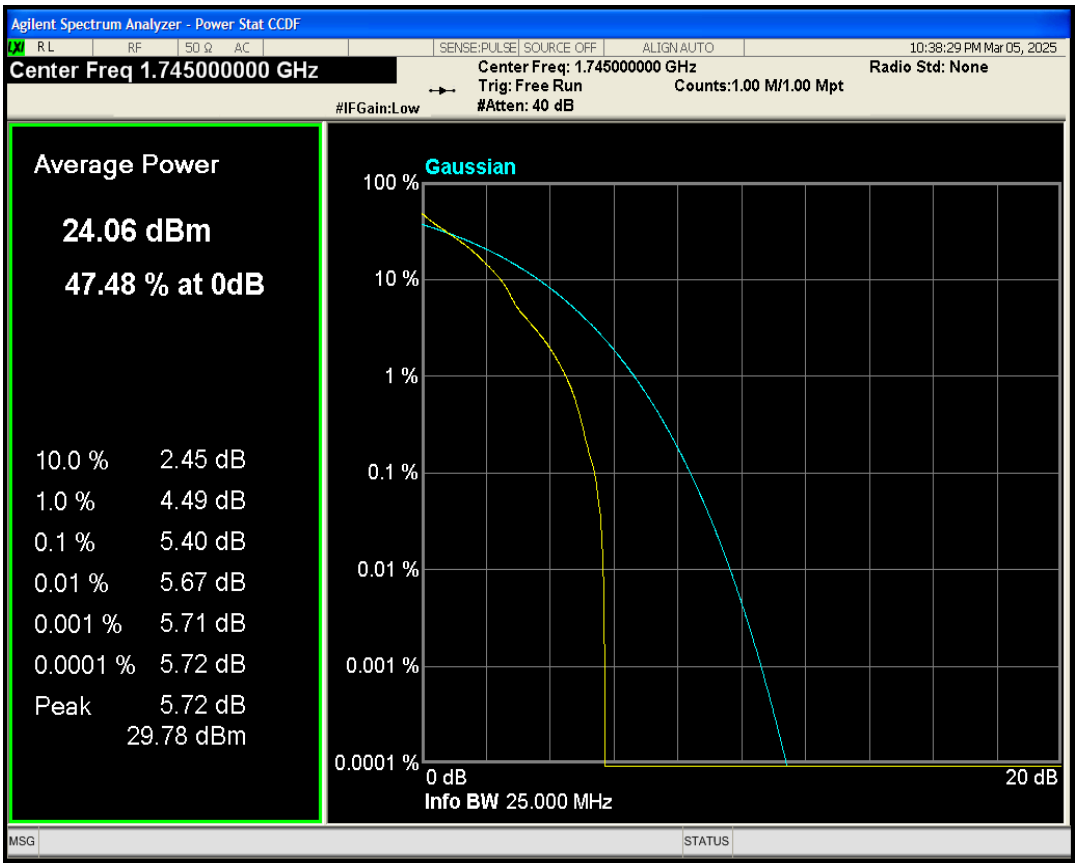
Band66 QPSK BW=15MHz Channel=132322 RB Size=1 Position=#0



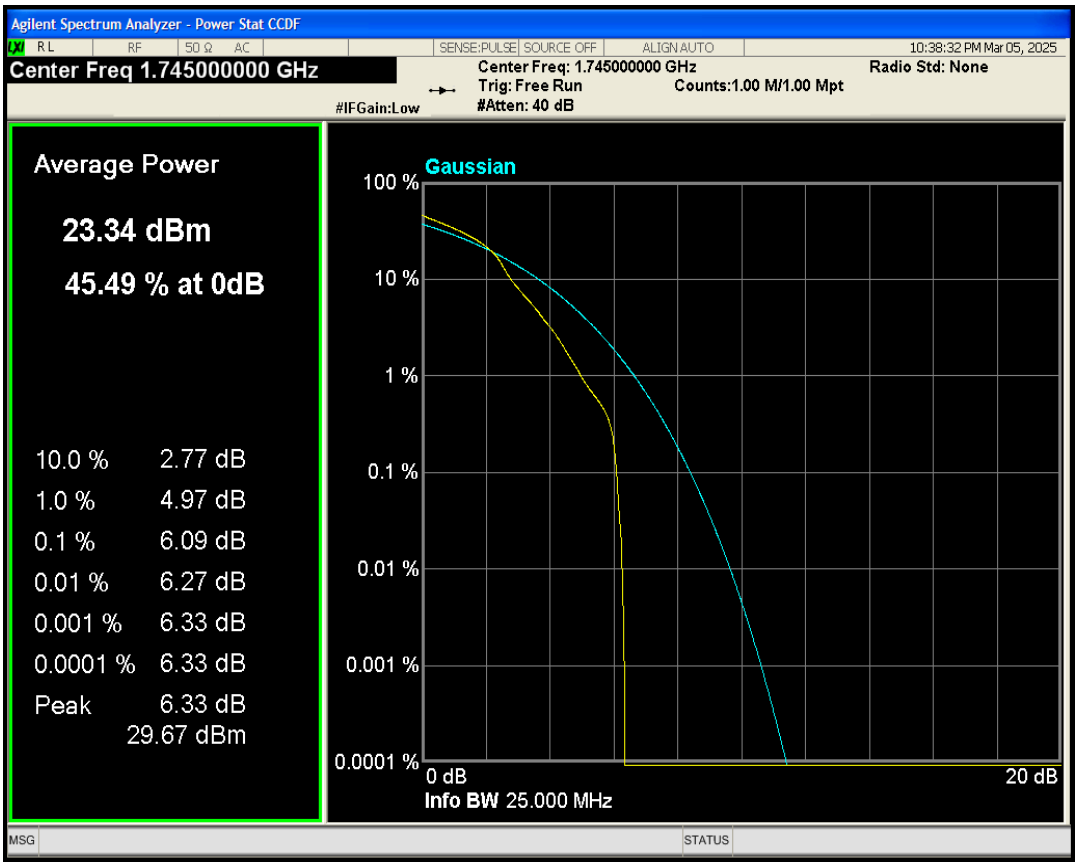
Band66 QAM16 BW=15MHz Channel=132322 RB Size=1 Position=#0



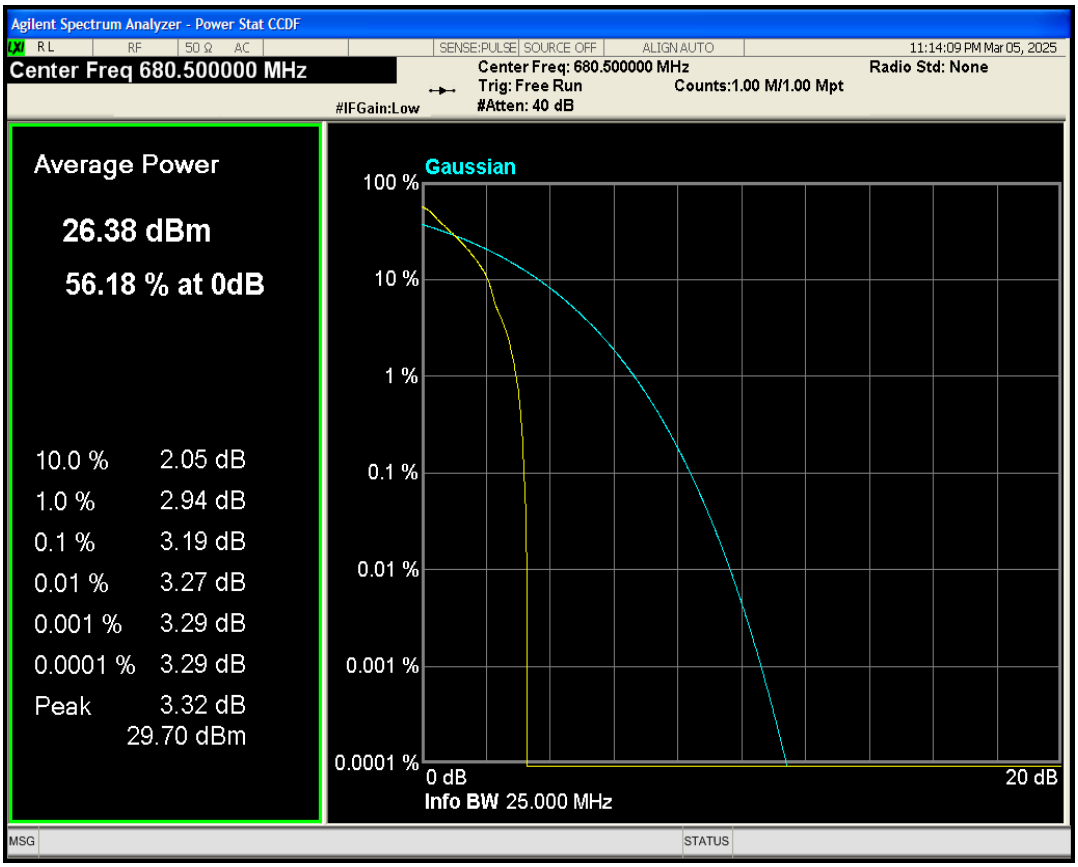
Band66 QPSK BW=20MHz Channel=132322 RB Size=1 Position=#0



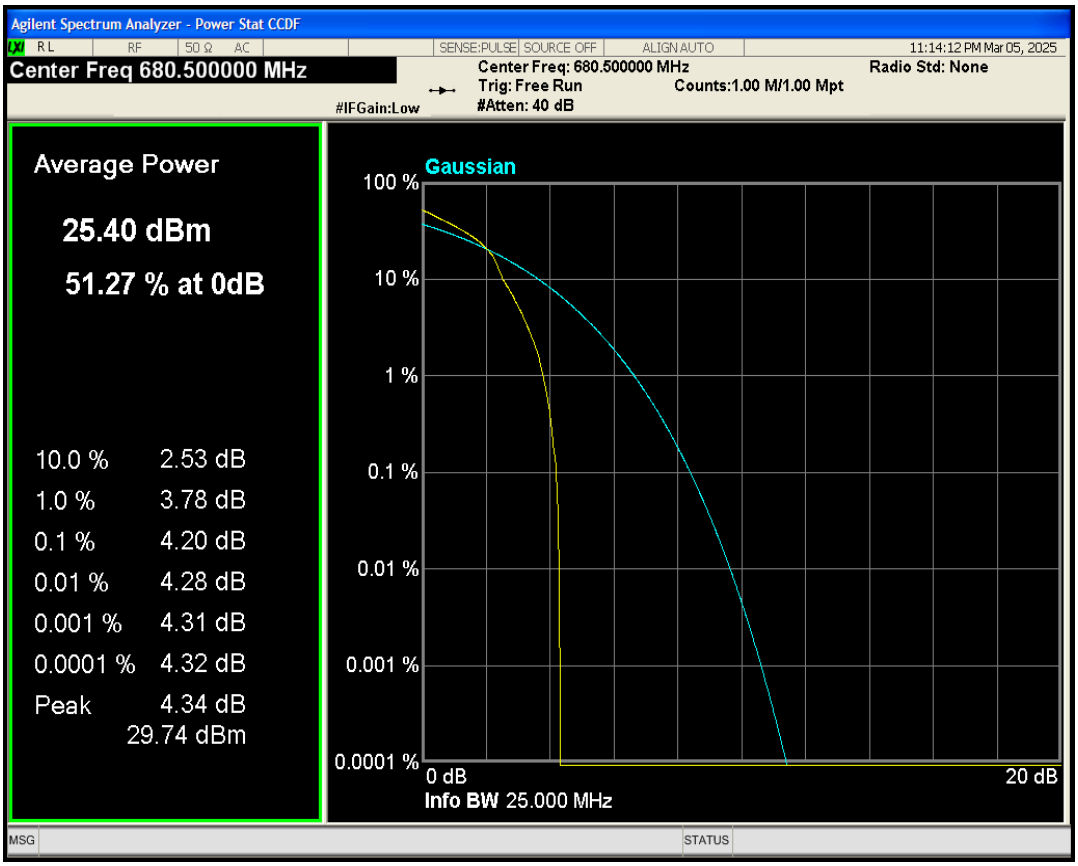
Band66 QAM16 BW=20MHz Channel=132322 RB Size=1 Position=#0



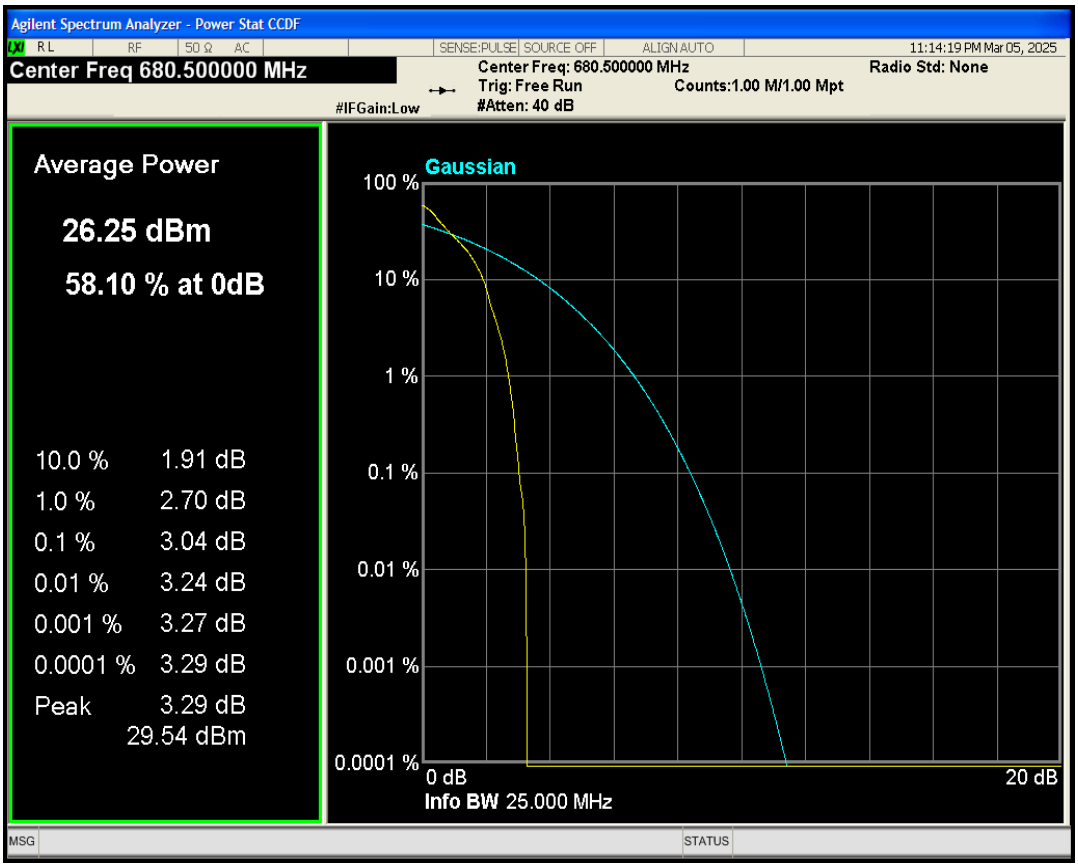
Band71 QPSK BW=5MHz Channel=133297 RB Size=1 Position=#0



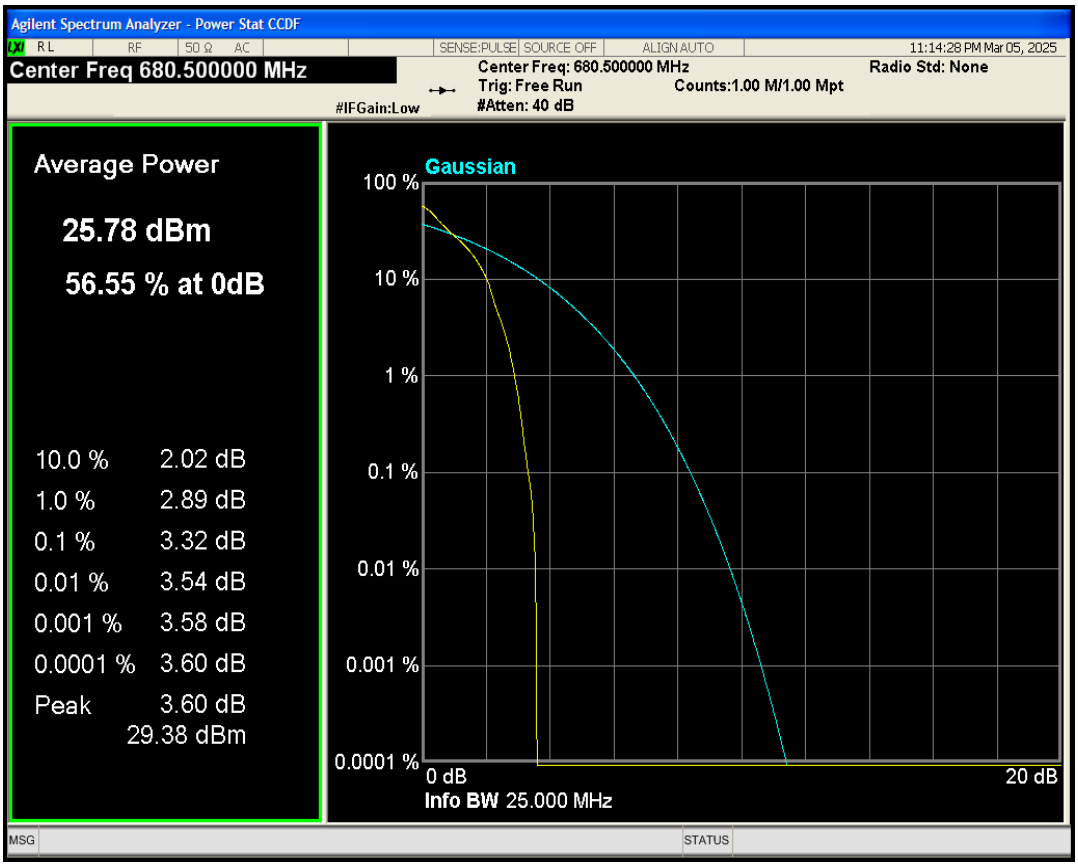
Band71 QAM16 BW=5MHz Channel=133297 RB Size=1 Position=#0



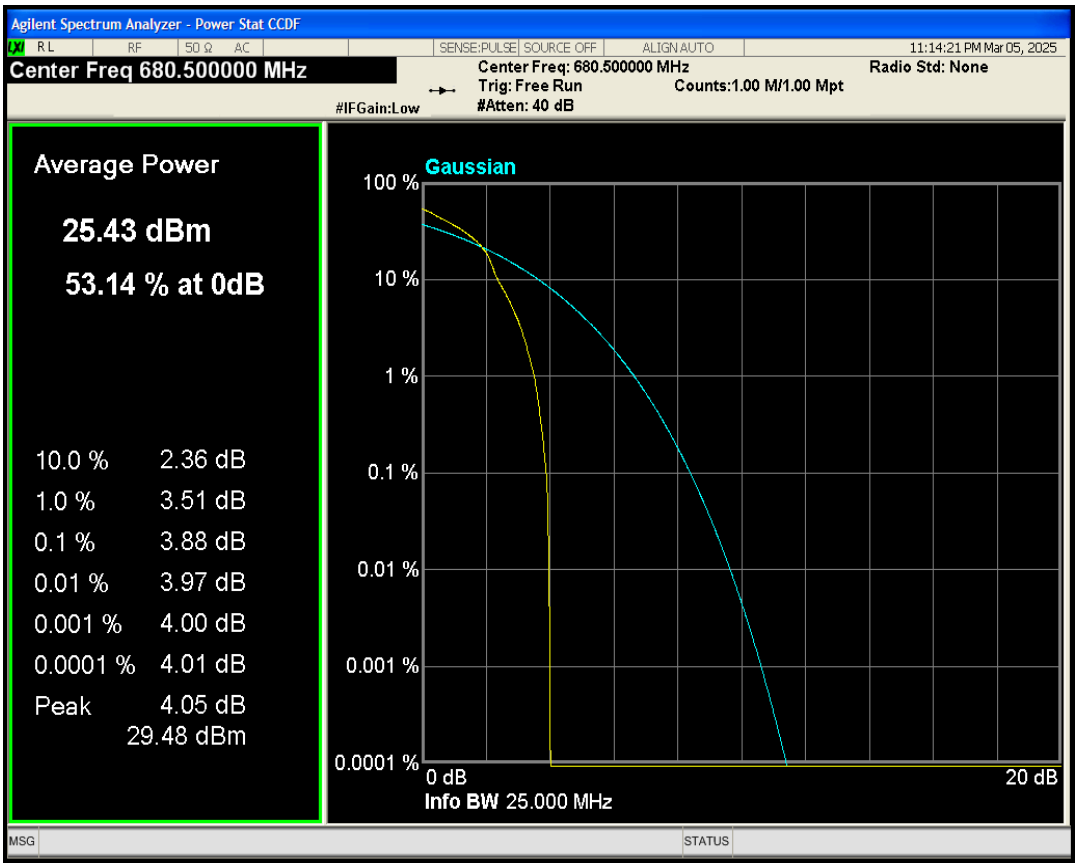
Band71 QPSK BW=10MHz Channel=133297 RB Size=1 Position=#0



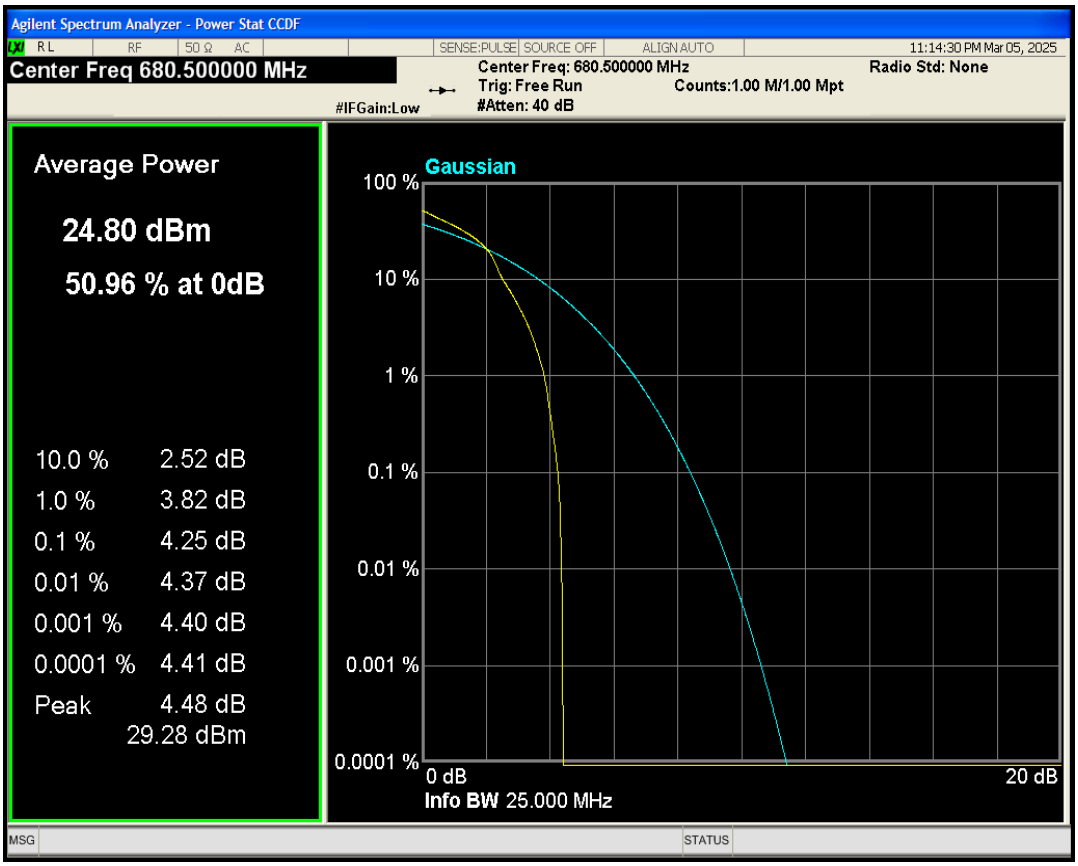
Band71 QPSK BW=15MHz Channel=133297 RB Size=1 Position=#0



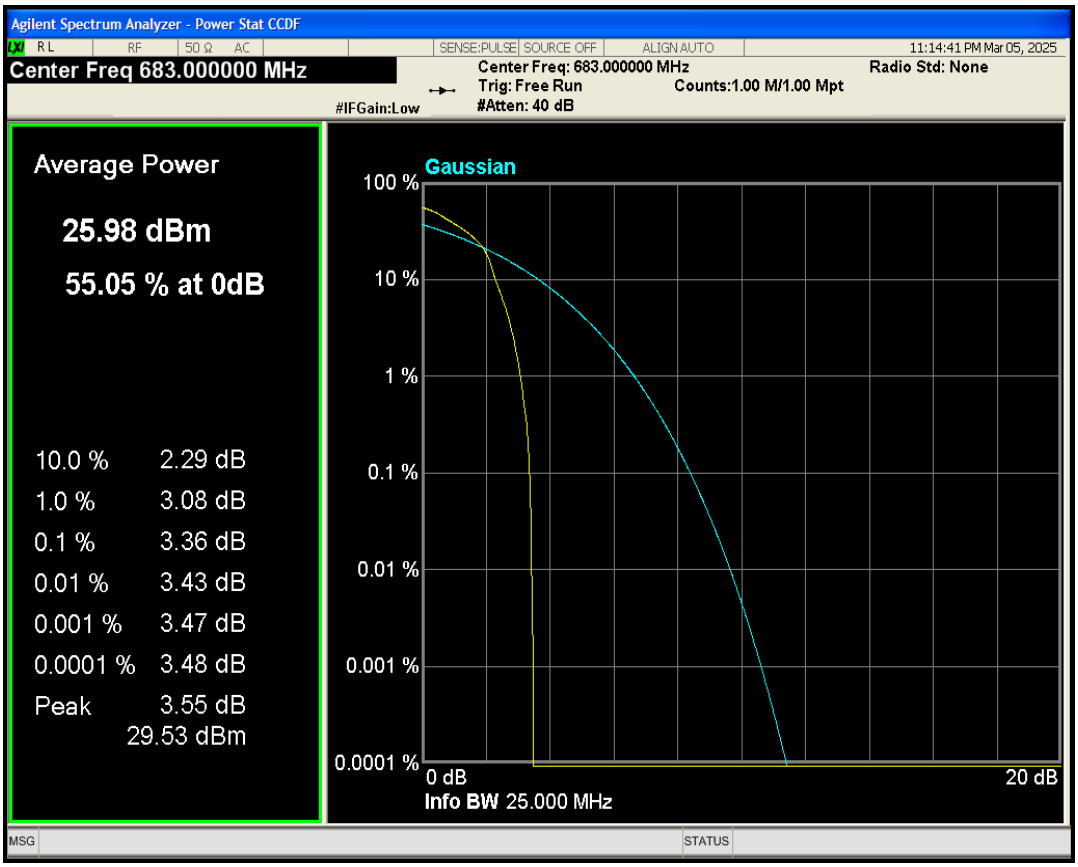
Band71 QAM16 BW=10MHz Channel=133297 RB Size=1 Position=#0



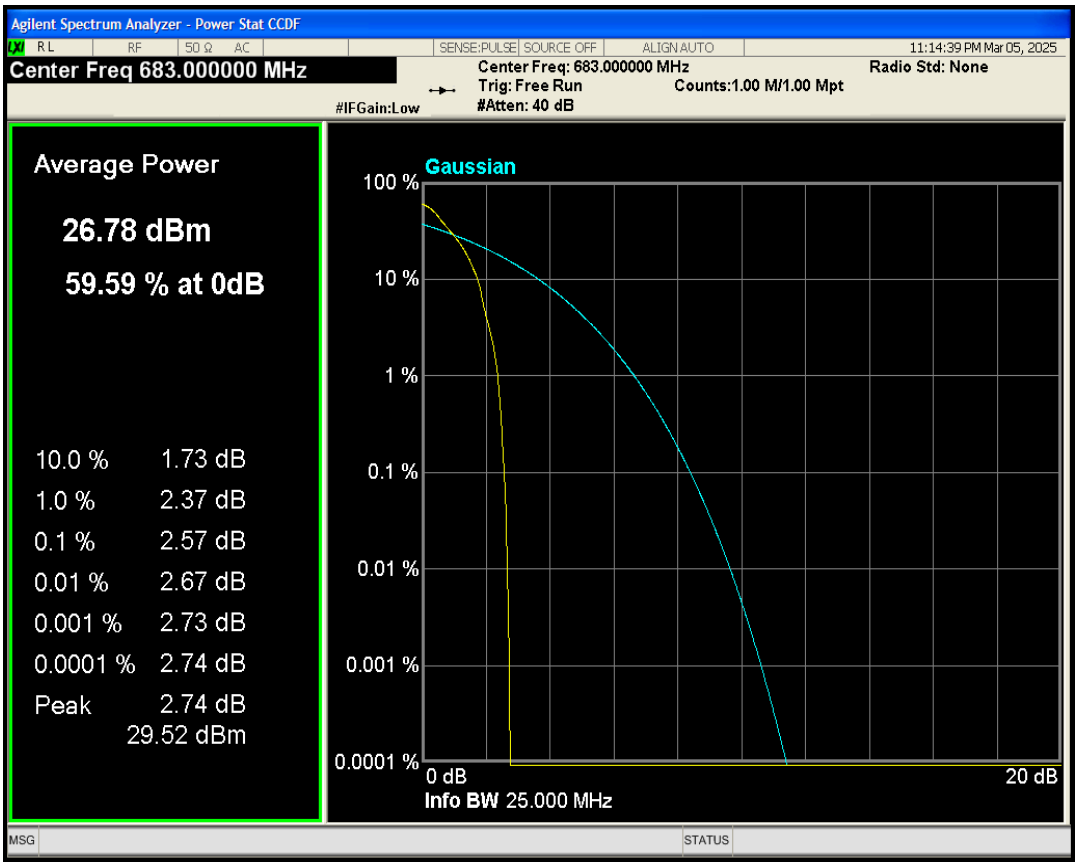
Band71 QAM16 BW=15MHz Channel=133297 RB Size=1 Position=#0



Band71 QAM16 BW=20MHz Channel=133322 RB Size=1 Position=#0



Band71 QPSK BW=20MHz Channel=133322 RB Size=1 Position=#0

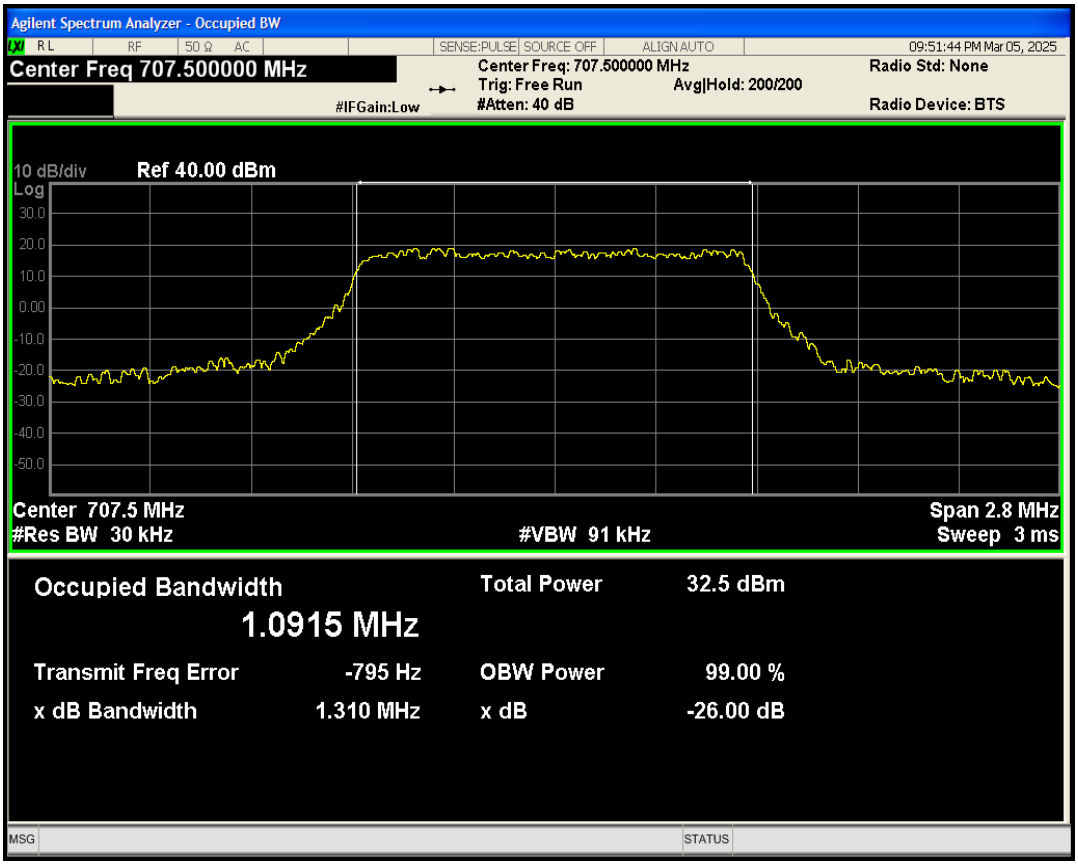


4 Occupied bandwidth

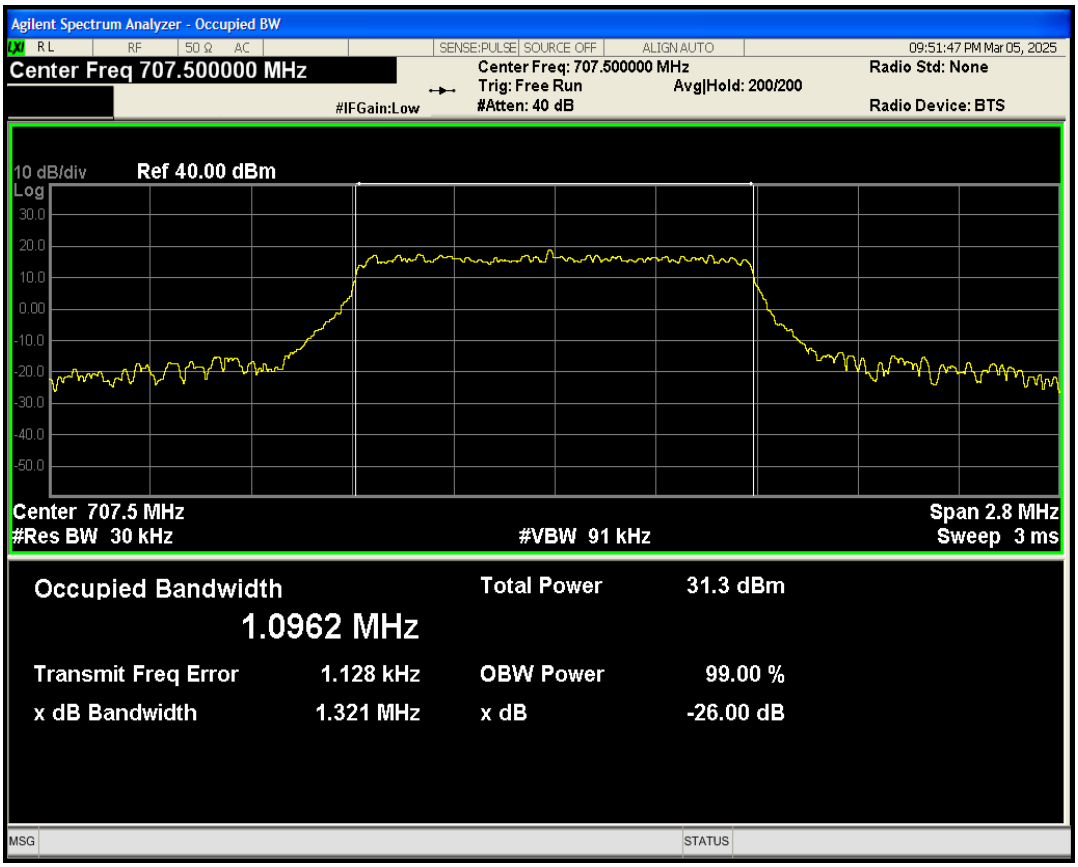
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band12	1.4	23095	6	#0	QPSK	1.091	1.310	PASS
Band12	1.4	23095	6	#0	QAM16	1.096	1.321	PASS
Band12	3	23095	15	#0	QPSK	2.700	3.184	PASS
Band12	3	23095	15	#0	QAM16	2.734	3.213	PASS
Band12	5	23095	25	#0	QPSK	4.519	5.656	PASS
Band12	5	23095	25	#0	QAM16	4.520	5.337	PASS
Band12	10	23095	50	#0	QPSK	9.010	10.451	PASS
Band13	5	23230	25	#0	QPSK	4.568	5.638	PASS
Band13	5	23230	25	#0	QAM16	4.536	5.750	PASS
Band13	10	23230	50	#0	QPSK	9.042	11.155	PASS
Band2	1.4	18900	6	#0	QPSK	1.114	1.418	PASS
Band2	1.4	18900	6	#0	QAM16	1.102	1.340	PASS
Band2	3	18900	15	#0	QPSK	2.717	3.288	PASS
Band2	3	18900	15	#0	QAM16	2.725	3.287	PASS
Band2	5	18900	25	#0	QPSK	4.571	5.761	PASS
Band2	5	18900	25	#0	QAM16	4.525	5.684	PASS
Band2	10	18900	50	#0	QPSK	9.036	11.258	PASS
Band2	15	18900	75	#0	QPSK	13.606	20.525	PASS
Band2	20	18900	100	#0	QPSK	18.145	28.209	PASS
Band4	1.4	20175	6	#0	QPSK	1.097	1.324	PASS
Band4	1.4	20175	6	#0	QAM16	1.100	1.319	PASS
Band4	3	20175	15	#0	QPSK	2.708	3.167	PASS
Band4	3	20175	15	#0	QAM16	2.719	3.100	PASS
Band4	5	20175	25	#0	QPSK	4.550	5.735	PASS
Band4	5	20175	25	#0	QAM16	4.524	5.451	PASS
Band4	10	20175	50	#0	QPSK	9.004	10.550	PASS
Band4	15	20175	75	#0	QPSK	13.545	16.182	PASS
Band4	20	20175	100	#0	QPSK	18.042	20.264	PASS
Band5	1.4	20525	6	#0	QPSK	1.097	1.312	PASS
Band5	1.4	20525	6	#0	QAM16	1.097	1.327	PASS
Band5	3	20525	15	#0	QPSK	2.698	3.179	PASS
Band5	3	20525	15	#0	QAM16	2.711	3.168	PASS
Band5	5	20525	25	#0	QPSK	4.542	5.315	PASS
Band5	5	20525	25	#0	QAM16	4.522	5.468	PASS
Band5	10	20525	50	#0	QPSK	8.997	10.295	PASS
Band66	1.4	132322	6	#0	QPSK	1.095	1.308	PASS
Band66	1.4	132322	6	#0	QAM16	1.095	1.311	PASS
Band66	3	132322	15	#0	QPSK	2.707	3.170	PASS
Band66	3	132322	15	#0	QAM16	2.728	3.150	PASS
Band66	5	132322	25	#0	QPSK	4.550	5.534	PASS
Band66	5	132322	25	#0	QAM16	4.542	5.491	PASS
Band66	10	132322	50	#0	QPSK	9.031	10.555	PASS
Band66	15	132322	75	#0	QPSK	13.505	15.793	PASS

Band66	20	132322	100	#0	QPSK	17.998	20.557	PASS
Band71	5	133297	25	#0	QPSK	4.547	5.621	PASS
Band71	5	133297	25	#0	QAM16	4.533	5.536	PASS
Band71	10	133297	50	#0	QPSK	9.026	10.660	PASS
Band71	15	133297	75	#0	QPSK	13.559	16.729	PASS
Band71	20	133322	100	#0	QPSK	18.085	21.339	PASS

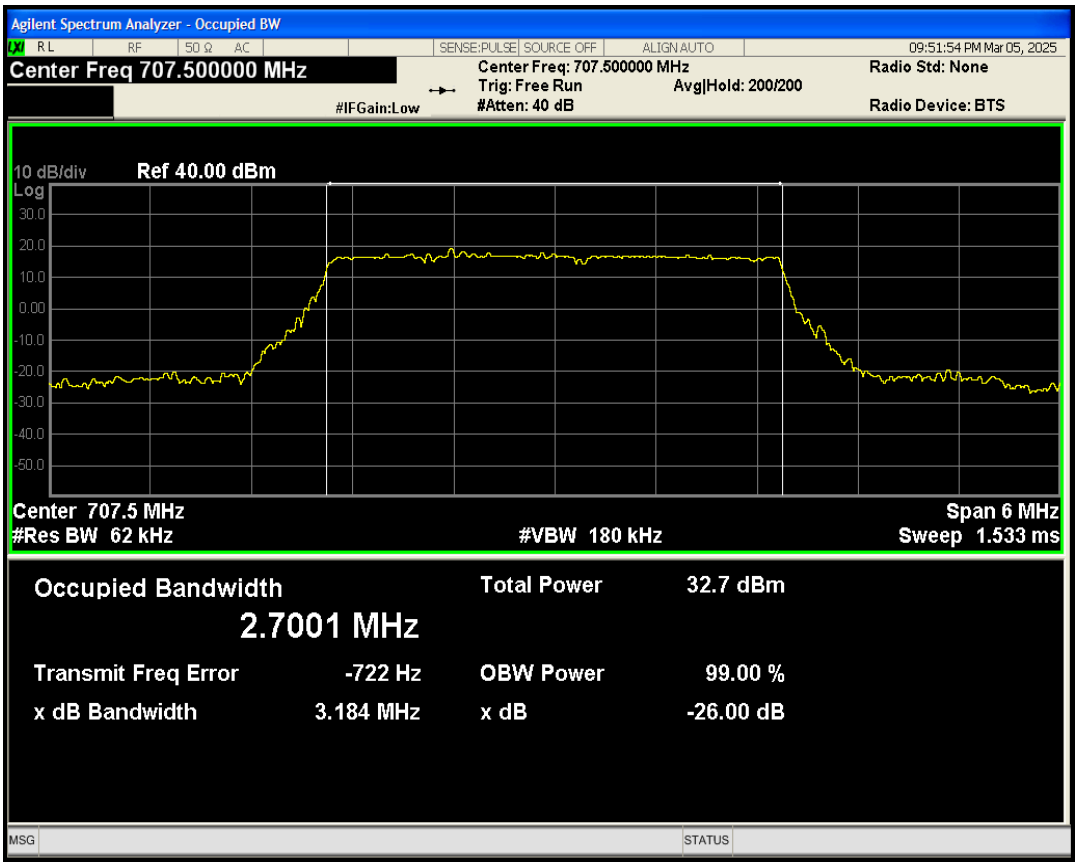
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0



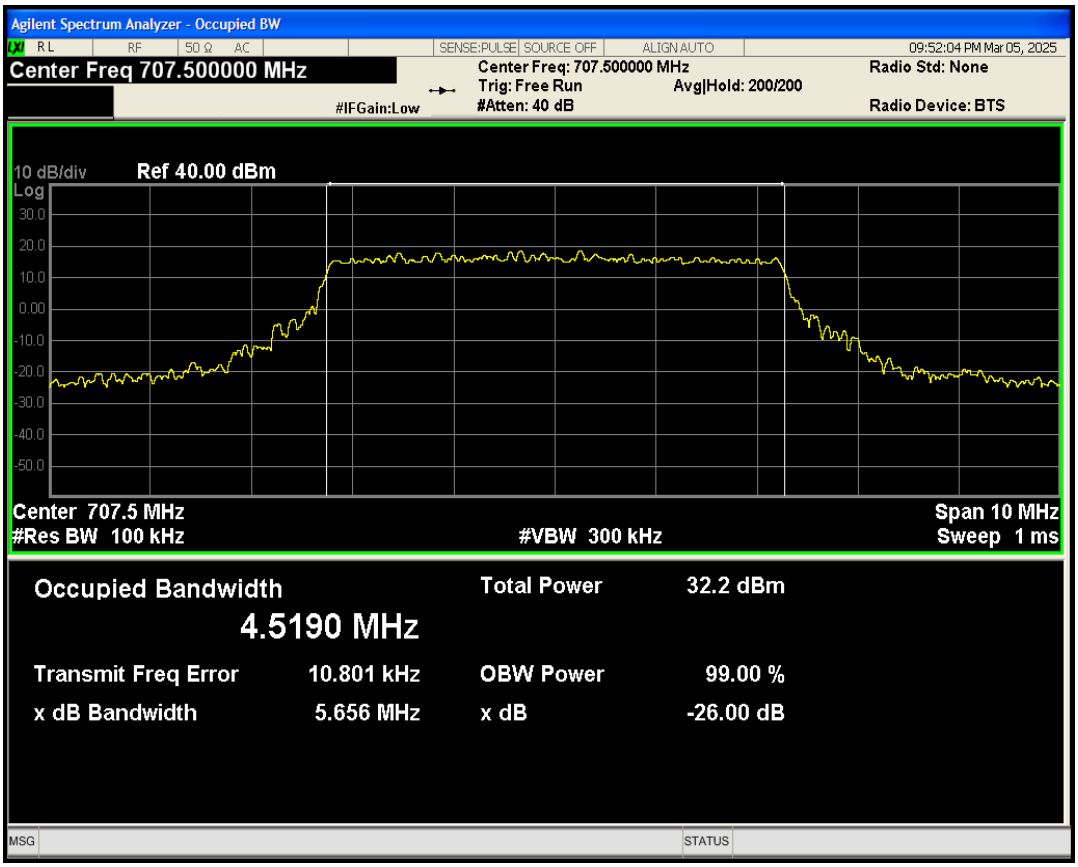
Band12 QAM16 BW=1.4MHz Channel=23095 RB Size=6 Position=#0



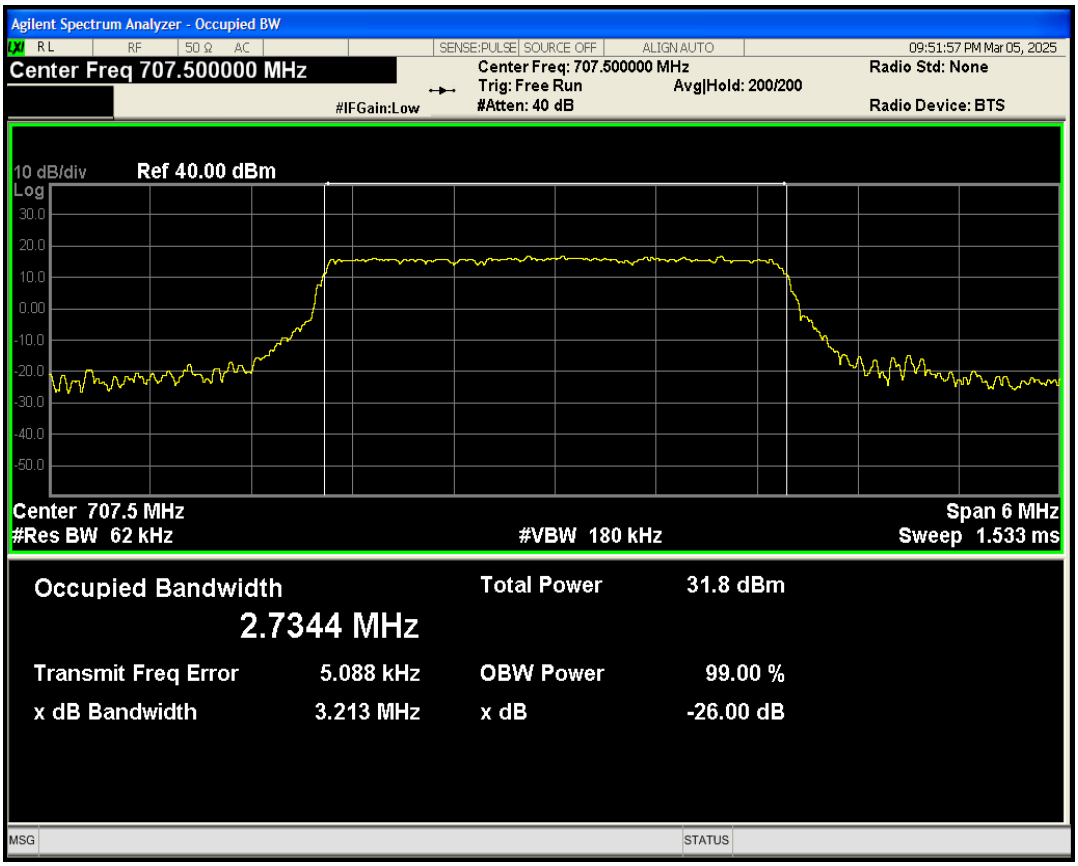
Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0



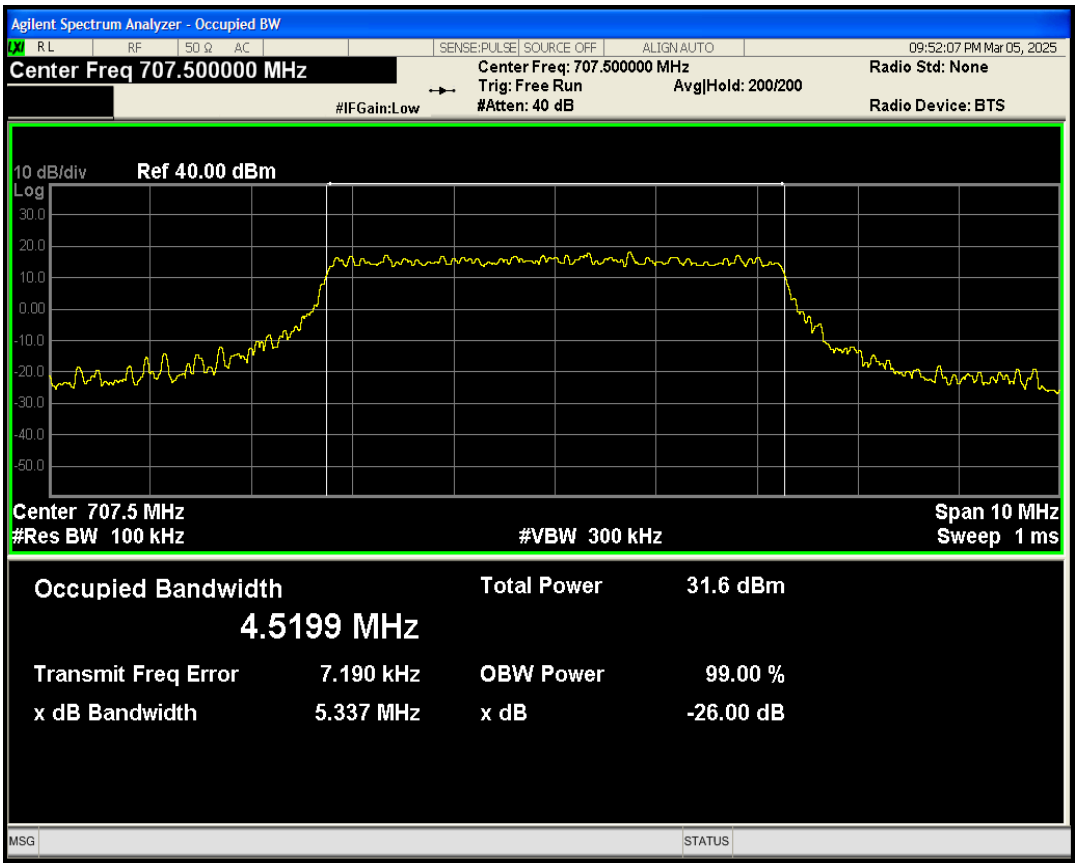
Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0



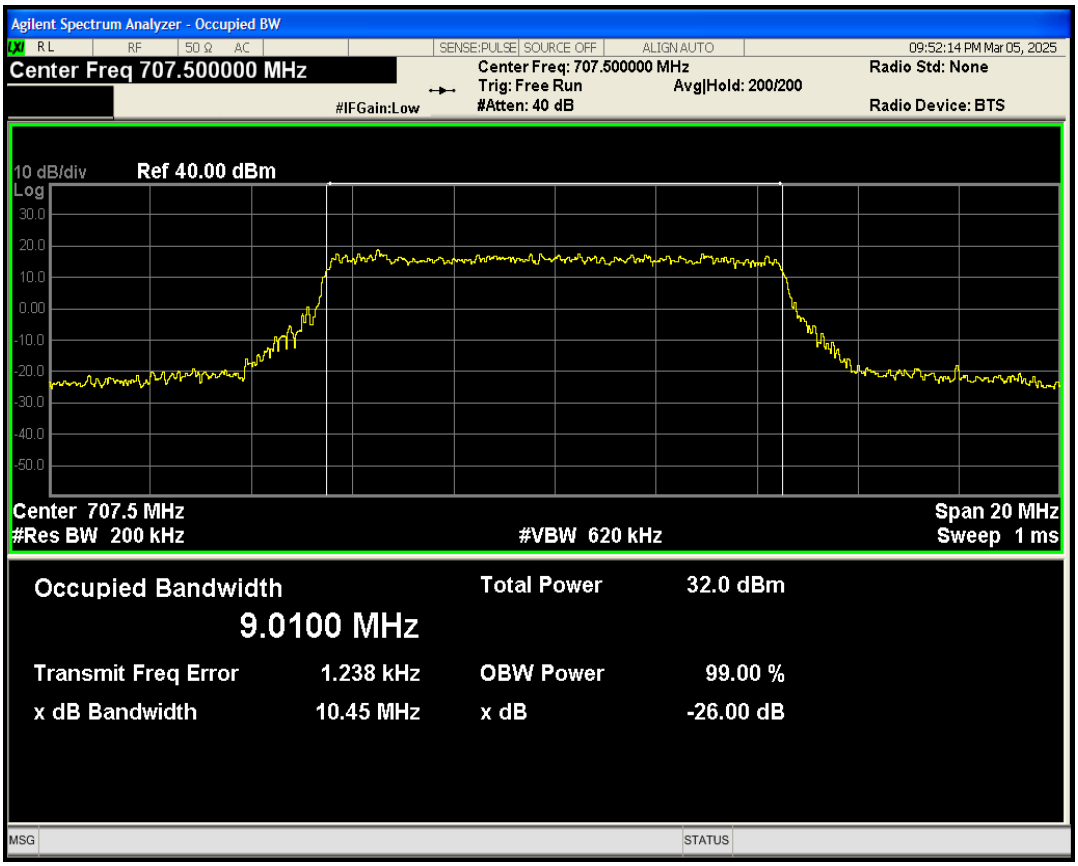
Band12 QAM16 BW=3MHz Channel=23095 RB Size=15 Position=#0



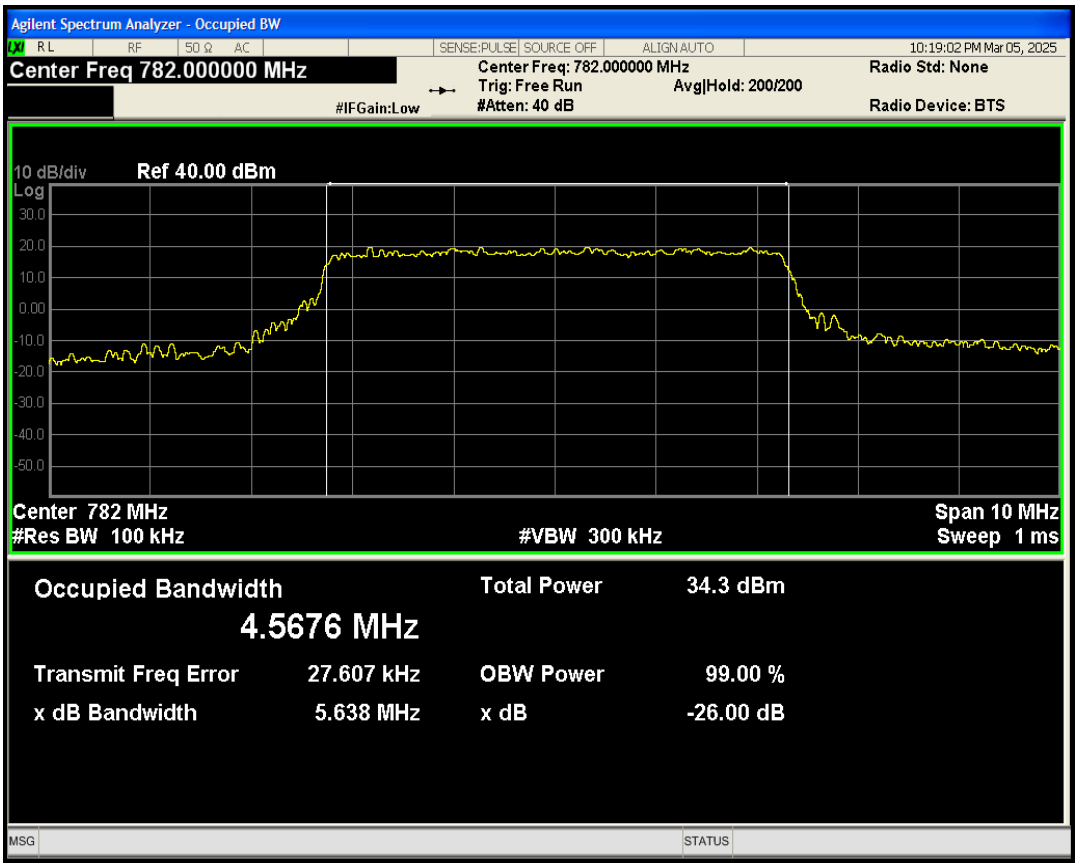
Band12 QAM16 BW=5MHz Channel=23095 RB Size=25 Position=#0



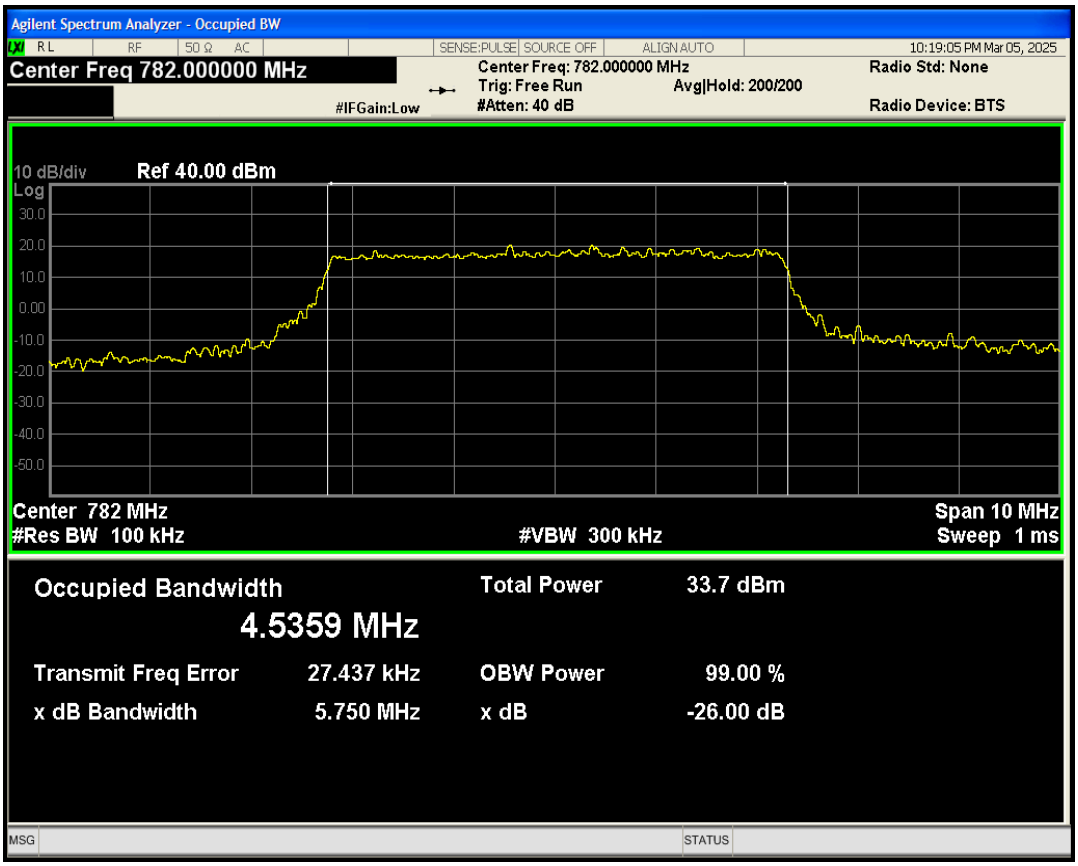
Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0



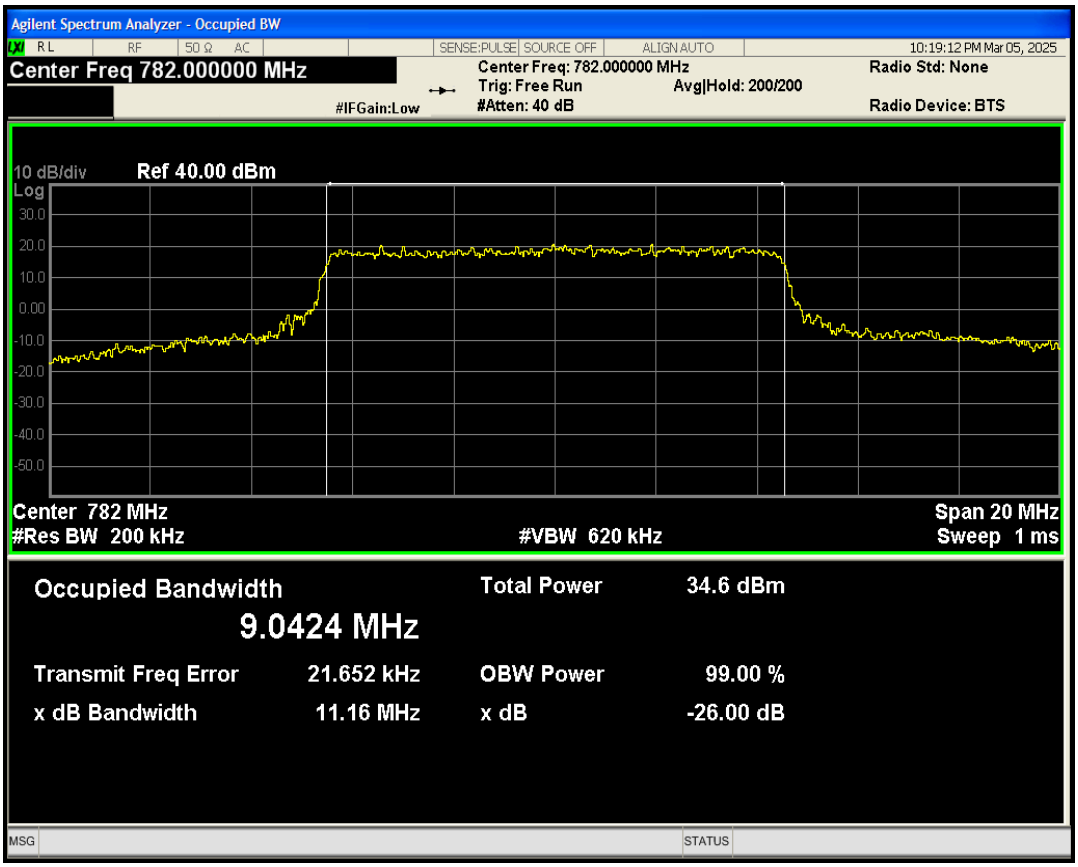
Band13 QPSK BW=5MHz Channel=23230 RB Size=25 Position=#0



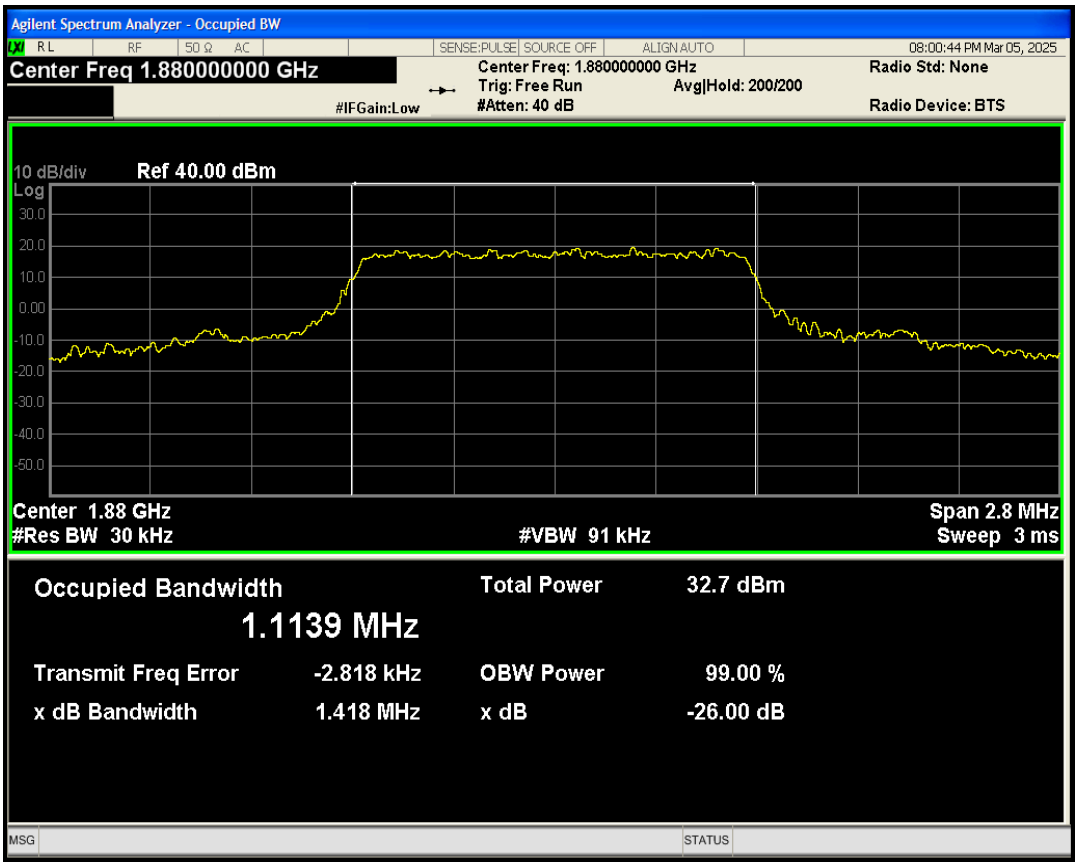
Band13 QAM16 BW=5MHz Channel=23230 RB Size=25 Position=#0



Band13 QPSK BW=10MHz Channel=23230 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