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Appendix for LTE Band 25

Applicant: UCLOUDLINK (SINGAPORE) PTE.LTD

Address: 80 ROBINSON ROAD #02-00 SINGAPORE

Product Name: 4G Wireless Data Terminal

Model: GLMX23A01

FCC ID: 2BB6E-GLMX23A01

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1 Summary of Test Results Data and Graph

1.1. Appendix A: Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band25	1.4MHz	QPSK	26047	1RB#0	23.30	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	22.26	PASS
Band25	1.4MHz	QPSK	26047	1RB#2	23.40	PASS
Band25	1.4MHz	16QAM	26047	1RB#2	22.26	PASS
Band25	1.4MHz	QPSK	26047	1RB#5	23.26	PASS
Band25	1.4MHz	16QAM	26047	1RB#5	22.22	PASS
Band25	1.4MHz	QPSK	26047	3RB#0	23.35	PASS
Band25	1.4MHz	16QAM	26047	3RB#0	23.29	PASS
Band25	1.4MHz	QPSK	26047	3RB#1	23.27	PASS
Band25	1.4MHz	16QAM	26047	3RB#1	23.25	PASS
Band25	1.4MHz	QPSK	26047	3RB#3	23.46	PASS
Band25	1.4MHz	16QAM	26047	3RB#3	23.44	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	22.40	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	21.32	PASS
Band25	1.4MHz	QPSK	26365	1RB#0	23.26	PASS
Band25	1.4MHz	16QAM	26365	1RB#0	22.11	PASS
Band25	1.4MHz	QPSK	26365	1RB#2	23.40	PASS
Band25	1.4MHz	16QAM	26365	1RB#2	22.26	PASS
Band25	1.4MHz	QPSK	26365	1RB#5	23.41	PASS
Band25	1.4MHz	16QAM	26365	1RB#5	22.27	PASS
Band25	1.4MHz	QPSK	26365	3RB#0	23.37	PASS
Band25	1.4MHz	16QAM	26365	3RB#0	23.32	PASS
Band25	1.4MHz	QPSK	26365	3RB#1	23.31	PASS
Band25	1.4MHz	16QAM	26365	3RB#1	23.31	PASS
Band25	1.4MHz	QPSK	26365	3RB#3	23.50	PASS
Band25	1.4MHz	16QAM	26365	3RB#3	23.48	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	22.63	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	21.68	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	23.07	PASS
Band25	1.4MHz	16QAM	26683	1RB#0	22.02	PASS
Band25	1.4MHz	QPSK	26683	1RB#2	23.00	PASS
Band25	1.4MHz	16QAM	26683	1RB#2	21.99	PASS
Band25	1.4MHz	QPSK	26683	1RB#5	22.95	PASS

Band25	1.4MHz	16QAM	26683	1RB#5	21.95	PASS
Band25	1.4MHz	QPSK	26683	3RB#0	23.12	PASS
Band25	1.4MHz	16QAM	26683	3RB#0	23.07	PASS
Band25	1.4MHz	QPSK	26683	3RB#1	23.07	PASS
Band25	1.4MHz	16QAM	26683	3RB#1	23.04	PASS
Band25	1.4MHz	QPSK	26683	3RB#3	23.03	PASS
Band25	1.4MHz	16QAM	26683	3RB#3	23.02	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	22.36	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	21.42	PASS
Band25	3MHz	QPSK	26055	1RB#0	23.45	PASS
Band25	3MHz	16QAM	26055	1RB#0	22.39	PASS
Band25	3MHz	QPSK	26055	1RB#8	23.50	PASS
Band25	3MHz	16QAM	26055	1RB#8	22.55	PASS
Band25	3MHz	QPSK	26055	1RB#14	23.28	PASS
Band25	3MHz	16QAM	26055	1RB#14	22.38	PASS
Band25	3MHz	QPSK	26055	8RB#0	22.52	PASS
Band25	3MHz	16QAM	26055	8RB#0	22.52	PASS
Band25	3MHz	QPSK	26055	8RB#4	22.52	PASS
Band25	3MHz	16QAM	26055	8RB#4	22.51	PASS
Band25	3MHz	QPSK	26055	8RB#7	22.52	PASS
Band25	3MHz	16QAM	26055	8RB#7	22.53	PASS
Band25	3MHz	QPSK	26055	15RB#0	22.52	PASS
Band25	3MHz	16QAM	26055	15RB#0	21.60	PASS
Band25	3MHz	QPSK	26365	1RB#0	23.76	PASS
Band25	3MHz	16QAM	26365	1RB#0	22.53	PASS
Band25	3MHz	QPSK	26365	1RB#8	23.42	PASS
Band25	3MHz	16QAM	26365	1RB#8	22.44	PASS
Band25	3MHz	QPSK	26365	1RB#14	23.36	PASS
Band25	3MHz	16QAM	26365	1RB#14	22.31	PASS
Band25	3MHz	QPSK	26365	8RB#0	22.61	PASS
Band25	3MHz	16QAM	26365	8RB#0	22.59	PASS
Band25	3MHz	QPSK	26365	8RB#4	22.60	PASS
Band25	3MHz	16QAM	26365	8RB#4	22.60	PASS
Band25	3MHz	QPSK	26365	8RB#7	22.59	PASS
Band25	3MHz	16QAM	26365	8RB#7	22.61	PASS
Band25	3MHz	QPSK	26365	15RB#0	22.61	PASS
Band25	3MHz	16QAM	26365	15RB#0	21.59	PASS
Band25	3MHz	QPSK	26675	1RB#0	23.25	PASS

Band25	3MHz	16QAM	26675	1RB#0	22.00	PASS
Band25	3MHz	QPSK	26675	1RB#8	23.12	PASS
Band25	3MHz	16QAM	26675	1RB#8	22.06	PASS
Band25	3MHz	QPSK	26675	1RB#14	23.08	PASS
Band25	3MHz	16QAM	26675	1RB#14	21.98	PASS
Band25	3MHz	QPSK	26675	8RB#0	22.38	PASS
Band25	3MHz	16QAM	26675	8RB#0	22.38	PASS
Band25	3MHz	QPSK	26675	8RB#4	22.37	PASS
Band25	3MHz	16QAM	26675	8RB#4	22.39	PASS
Band25	3MHz	QPSK	26675	8RB#7	22.37	PASS
Band25	3MHz	16QAM	26675	8RB#7	22.38	PASS
Band25	3MHz	QPSK	26675	15RB#0	22.38	PASS
Band25	3MHz	16QAM	26675	15RB#0	21.38	PASS
Band25	5MHz	QPSK	26065	1RB#0	23.46	PASS
Band25	5MHz	16QAM	26065	1RB#0	22.43	PASS
Band25	5MHz	QPSK	26065	1RB#12	23.44	PASS
Band25	5MHz	16QAM	26065	1RB#12	22.38	PASS
Band25	5MHz	QPSK	26065	1RB#24	23.36	PASS
Band25	5MHz	16QAM	26065	1RB#24	22.31	PASS
Band25	5MHz	QPSK	26065	12RB#0	22.53	PASS
Band25	5MHz	16QAM	26065	12RB#0	22.50	PASS
Band25	5MHz	QPSK	26065	12RB#6	22.50	PASS
Band25	5MHz	16QAM	26065	12RB#6	22.50	PASS
Band25	5MHz	QPSK	26065	12RB#13	22.54	PASS
Band25	5MHz	16QAM	26065	12RB#13	22.55	PASS
Band25	5MHz	QPSK	26065	25RB#0	22.52	PASS
Band25	5MHz	16QAM	26065	25RB#0	21.57	PASS
Band25	5MHz	QPSK	26365	1RB#0	23.62	PASS
Band25	5MHz	16QAM	26365	1RB#0	22.67	PASS
Band25	5MHz	QPSK	26365	1RB#12	23.58	PASS
Band25	5MHz	16QAM	26365	1RB#12	22.67	PASS
Band25	5MHz	QPSK	26365	1RB#24	23.35	PASS
Band25	5MHz	16QAM	26365	1RB#24	22.46	PASS
Band25	5MHz	QPSK	26365	12RB#0	22.57	PASS
Band25	5MHz	16QAM	26365	12RB#0	22.56	PASS
Band25	5MHz	QPSK	26365	12RB#6	22.56	PASS
Band25	5MHz	16QAM	26365	12RB#6	22.56	PASS
Band25	5MHz	QPSK	26365	12RB#13	22.69	PASS

Band25	5MHz	16QAM	26365	12RB#13	22.70	PASS
Band25	5MHz	QPSK	26365	25RB#0	22.64	PASS
Band25	5MHz	16QAM	26365	25RB#0	21.65	PASS
Band25	5MHz	QPSK	26665	1RB#0	23.31	PASS
Band25	5MHz	16QAM	26665	1RB#0	22.18	PASS
Band25	5MHz	QPSK	26665	1RB#12	23.32	PASS
Band25	5MHz	16QAM	26665	1RB#12	22.28	PASS
Band25	5MHz	QPSK	26665	1RB#24	23.17	PASS
Band25	5MHz	16QAM	26665	1RB#24	22.13	PASS
Band25	5MHz	QPSK	26665	12RB#0	22.28	PASS
Band25	5MHz	16QAM	26665	12RB#0	22.27	PASS
Band25	5MHz	QPSK	26665	12RB#6	22.28	PASS
Band25	5MHz	16QAM	26665	12RB#6	22.27	PASS
Band25	5MHz	QPSK	26665	12RB#13	22.46	PASS
Band25	5MHz	16QAM	26665	12RB#13	22.46	PASS
Band25	5MHz	QPSK	26665	25RB#0	22.49	PASS
Band25	5MHz	16QAM	26665	25RB#0	21.55	PASS
Band25	10MHz	QPSK	26090	1RB#0	23.31	PASS
Band25	10MHz	16QAM	26090	1RB#0	22.25	PASS
Band25	10MHz	QPSK	26090	1RB#24	23.43	PASS
Band25	10MHz	16QAM	26090	1RB#24	22.57	PASS
Band25	10MHz	QPSK	26090	1RB#49	23.24	PASS
Band25	10MHz	16QAM	26090	1RB#49	22.35	PASS
Band25	10MHz	QPSK	26090	25RB#0	22.51	PASS
Band25	10MHz	16QAM	26090	25RB#0	22.58	PASS
Band25	10MHz	QPSK	26090	25RB#12	22.57	PASS
Band25	10MHz	16QAM	26090	25RB#12	22.55	PASS
Band25	10MHz	QPSK	26090	25RB#25	22.52	PASS
Band25	10MHz	16QAM	26090	25RB#25	22.55	PASS
Band25	10MHz	QPSK	26365	1RB#0	23.62	PASS
Band25	10MHz	16QAM	26365	1RB#0	22.47	PASS
Band25	10MHz	QPSK	26365	1RB#24	23.61	PASS
Band25	10MHz	16QAM	26365	1RB#24	22.45	PASS
Band25	10MHz	QPSK	26365	1RB#49	23.60	PASS
Band25	10MHz	16QAM	26365	1RB#49	22.48	PASS
Band25	10MHz	QPSK	26365	25RB#0	22.67	PASS
Band25	10MHz	16QAM	26365	25RB#0	22.61	PASS
Band25	10MHz	QPSK	26365	25RB#12	22.60	PASS

Band25	10MHz	16QAM	26365	25RB#12	22.60	PASS
Band25	10MHz	QPSK	26365	25RB#25	22.59	PASS
Band25	10MHz	16QAM	26365	25RB#25	22.63	PASS
Band25	10MHz	QPSK	26640	1RB#0	23.29	PASS
Band25	10MHz	16QAM	26640	1RB#0	21.96	PASS
Band25	10MHz	QPSK	26640	1RB#24	23.16	PASS
Band25	10MHz	16QAM	26640	1RB#24	21.96	PASS
Band25	10MHz	QPSK	26640	1RB#49	23.16	PASS
Band25	10MHz	16QAM	26640	1RB#49	22.05	PASS
Band25	10MHz	QPSK	26640	25RB#0	22.22	PASS
Band25	10MHz	16QAM	26640	25RB#0	22.16	PASS
Band25	10MHz	QPSK	26640	25RB#12	22.17	PASS
Band25	10MHz	16QAM	26640	25RB#12	22.15	PASS
Band25	10MHz	QPSK	26640	25RB#25	22.40	PASS
Band25	10MHz	16QAM	26640	25RB#25	22.44	PASS
Band25	15MHz	QPSK	26115	1RB#0	23.44	PASS
Band25	15MHz	16QAM	26115	1RB#0	22.56	PASS
Band25	15MHz	QPSK	26115	1RB#38	23.47	PASS
Band25	15MHz	16QAM	26115	1RB#38	22.56	PASS
Band25	15MHz	QPSK	26115	1RB#74	23.47	PASS
Band25	15MHz	16QAM	26115	1RB#74	22.52	PASS
Band25	15MHz	QPSK	26115	38RB#0	22.57	PASS
Band25	15MHz	16QAM	26115	38RB#0	22.57	PASS
Band25	15MHz	QPSK	26115	38RB#18	22.58	PASS
Band25	15MHz	16QAM	26115	38RB#18	22.57	PASS
Band25	15MHz	QPSK	26115	38RB#37	22.59	PASS
Band25	15MHz	16QAM	26115	38RB#37	22.58	PASS
Band25	15MHz	QPSK	26365	1RB#0	23.57	PASS
Band25	15MHz	16QAM	26365	1RB#0	22.58	PASS
Band25	15MHz	QPSK	26365	1RB#38	23.56	PASS
Band25	15MHz	16QAM	26365	1RB#38	22.71	PASS
Band25	15MHz	QPSK	26365	1RB#74	23.54	PASS
Band25	15MHz	16QAM	26365	1RB#74	22.78	PASS
Band25	15MHz	QPSK	26365	38RB#0	22.84	PASS
Band25	15MHz	16QAM	26365	38RB#0	22.81	PASS
Band25	15MHz	QPSK	26365	38RB#18	22.79	PASS
Band25	15MHz	16QAM	26365	38RB#18	22.79	PASS
Band25	15MHz	QPSK	26365	38RB#37	22.78	PASS

Band25	15MHz	16QAM	26365	38RB#37	22.78	PASS
Band25	15MHz	QPSK	26615	1RB#0	23.65	PASS
Band25	15MHz	16QAM	26615	1RB#0	22.29	PASS
Band25	15MHz	QPSK	26615	1RB#38	23.24	PASS
Band25	15MHz	16QAM	26615	1RB#38	22.09	PASS
Band25	15MHz	QPSK	26615	1RB#74	23.21	PASS
Band25	15MHz	16QAM	26615	1RB#74	22.11	PASS
Band25	15MHz	QPSK	26615	38RB#0	22.51	PASS
Band25	15MHz	16QAM	26615	38RB#0	22.48	PASS
Band25	15MHz	QPSK	26615	38RB#18	22.47	PASS
Band25	15MHz	16QAM	26615	38RB#18	22.47	PASS
Band25	15MHz	QPSK	26615	38RB#37	22.47	PASS
Band25	15MHz	16QAM	26615	38RB#37	22.46	PASS
Band25	20MHz	QPSK	26140	1RB#0	23.48	PASS
Band25	20MHz	16QAM	26140	1RB#0	22.46	PASS
Band25	20MHz	QPSK	26140	1RB#49	23.51	PASS
Band25	20MHz	16QAM	26140	1RB#49	22.44	PASS
Band25	20MHz	QPSK	26140	1RB#99	23.68	PASS
Band25	20MHz	QPSK	26140	50RB#25	22.56	PASS
Band25	20MHz	16QAM	26140	50RB#25	22.56	PASS
Band25	20MHz	QPSK	26140	50RB#50	22.62	PASS
Band25	20MHz	16QAM	26140	50RB#50	22.64	PASS
Band25	20MHz	QPSK	26365	1RB#0	23.59	PASS
Band25	20MHz	16QAM	26365	1RB#0	22.70	PASS
Band25	20MHz	QPSK	26365	1RB#49	23.74	PASS
Band25	20MHz	16QAM	26140	1RB#99	22.53	PASS
Band25	20MHz	QPSK	26140	50RB#0	22.53	PASS
Band25	20MHz	16QAM	26140	50RB#0	22.50	PASS
Band25	20MHz	16QAM	26365	1RB#49	22.87	PASS
Band25	20MHz	QPSK	26365	1RB#99	23.63	PASS
Band25	20MHz	16QAM	26365	1RB#99	22.86	PASS
Band25	20MHz	QPSK	26365	50RB#0	22.62	PASS
Band25	20MHz	16QAM	26365	50RB#0	22.54	PASS
Band25	20MHz	QPSK	26365	50RB#25	22.54	PASS
Band25	20MHz	16QAM	26365	50RB#25	22.53	PASS
Band25	20MHz	QPSK	26365	50RB#50	22.75	PASS
Band25	20MHz	16QAM	26365	50RB#50	22.80	PASS
Band25	20MHz	QPSK	26590	1RB#0	23.62	PASS

Band25	20MHz	16QAM	26590	1RB#0	22.56	PASS
Band25	20MHz	QPSK	26590	1RB#49	23.41	PASS
Band25	20MHz	16QAM	26590	1RB#49	22.12	PASS
Band25	20MHz	QPSK	26590	1RB#99	23.17	PASS
Band25	20MHz	16QAM	26590	1RB#99	22.14	PASS
Band25	20MHz	QPSK	26590	50RB#0	22.51	PASS
Band25	20MHz	16QAM	26590	50RB#0	22.50	PASS
Band25	20MHz	QPSK	26590	50RB#25	22.49	PASS
Band25	20MHz	16QAM	26590	50RB#25	22.50	PASS
Band25	20MHz	QPSK	26590	50RB#50	22.41	PASS
Band25	20MHz	16QAM	26590	50RB#50	22.37	PASS
Band25	10MHz	QPSK	26090	50RB#0	22.66	PASS
Band25	10MHz	QPSK	26365	50RB#0	22.86	PASS
Band25	10MHz	QPSK	26640	50RB#0	22.50	PASS
Band25	15MHz	QPSK	26115	75RB#0	22.61	PASS
Band25	15MHz	QPSK	26365	75RB#0	22.98	PASS
Band25	15MHz	QPSK	26615	75RB#0	22.61	PASS
Band25	20MHz	QPSK	26140	100RB#0	22.71	PASS
Band25	20MHz	QPSK	26365	100RB#0	23.01	PASS
Band25	20MHz	QPSK	26590	100RB#0	22.73	PASS

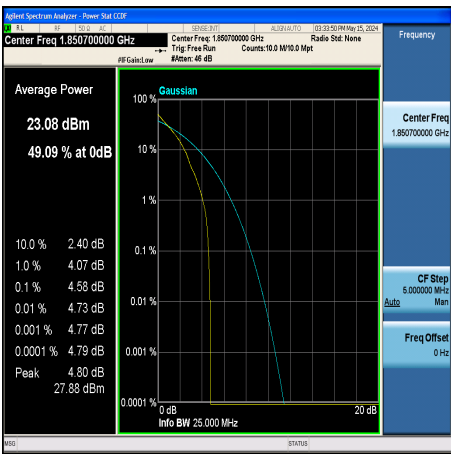
1.2. Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

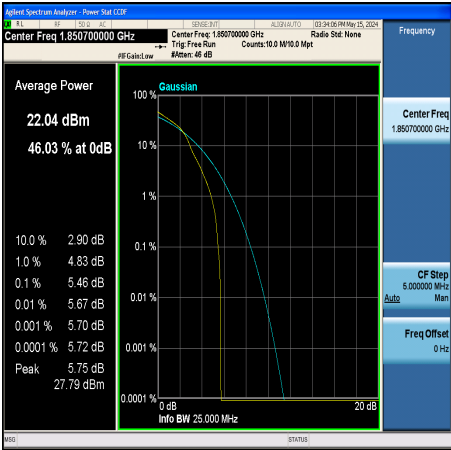
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band25	1.4MHz	QPSK	26047	1RB#0	4.58	13	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	5.46	13	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	5.04	13	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	5.98	13	PASS
Band25	1.4MHz	QPSK	26365	1RB#0	4.31	13	PASS
Band25	1.4MHz	16QAM	26365	1RB#0	5.31	13	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	4.71	13	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	5.61	13	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	3.63	13	PASS
Band25	1.4MHz	16QAM	26683	1RB#0	4.65	13	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	4.10	13	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	4.99	13	PASS
Band25	3MHz	QPSK	26055	1RB#0	4.43	13	PASS
Band25	3MHz	16QAM	26055	1RB#0	5.46	13	PASS
Band25	3MHz	QPSK	26055	15RB#0	5.04	13	PASS
Band25	3MHz	16QAM	26055	15RB#0	5.92	13	PASS
Band25	3MHz	QPSK	26365	1RB#0	4.15	13	PASS
Band25	3MHz	16QAM	26365	1RB#0	4.96	13	PASS
Band25	3MHz	QPSK	26365	15RB#0	4.77	13	PASS
Band25	3MHz	16QAM	26365	15RB#0	5.62	13	PASS
Band25	3MHz	QPSK	26675	1RB#0	3.61	13	PASS
Band25	3MHz	16QAM	26675	1RB#0	4.55	13	PASS
Band25	3MHz	QPSK	26675	15RB#0	4.21	13	PASS
Band25	3MHz	16QAM	26675	15RB#0	5.05	13	PASS
Band25	5MHz	QPSK	26065	1RB#0	4.38	13	PASS
Band25	5MHz	16QAM	26065	1RB#0	5.20	13	PASS
Band25	5MHz	QPSK	26065	25RB#0	4.97	13	PASS
Band25	5MHz	16QAM	26065	25RB#0	5.80	13	PASS
Band25	5MHz	QPSK	26365	1RB#0	4.39	13	PASS
Band25	5MHz	16QAM	26365	1RB#0	5.16	13	PASS
Band25	5MHz	QPSK	26365	25RB#0	4.81	13	PASS
Band25	5MHz	16QAM	26365	25RB#0	5.63	13	PASS
Band25	5MHz	QPSK	26665	1RB#0	4.17	13	PASS
Band25	5MHz	16QAM	26665	1RB#0	4.92	13	PASS

Band25	5MHz	QPSK	26665	25RB#0	4.38	13	PASS
Band25	5MHz	16QAM	26665	25RB#0	5.22	13	PASS
Band25	10MHz	QPSK	26090	1RB#0	4.52	13	PASS
Band25	10MHz	16QAM	26090	1RB#0	5.53	13	PASS
Band25	10MHz	QPSK	26365	1RB#0	4.72	13	PASS
Band25	10MHz	16QAM	26365	1RB#0	5.60	13	PASS
Band25	10MHz	QPSK	26640	1RB#0	5.37	13	PASS
Band25	10MHz	16QAM	26640	1RB#0	6.17	13	PASS
Band25	15MHz	QPSK	26115	1RB#0	4.46	13	PASS
Band25	15MHz	16QAM	26115	1RB#0	5.31	13	PASS
Band25	15MHz	QPSK	26365	1RB#0	5.14	13	PASS
Band25	15MHz	16QAM	26365	1RB#0	6.06	13	PASS
Band25	15MHz	QPSK	26615	1RB#0	5.11	13	PASS
Band25	15MHz	16QAM	26615	1RB#0	6.16	13	PASS
Band25	20MHz	QPSK	26140	1RB#0	4.37	13	PASS
Band25	20MHz	16QAM	26140	1RB#0	5.35	13	PASS
Band25	20MHz	QPSK	26365	1RB#0	5.15	13	PASS
Band25	20MHz	16QAM	26365	1RB#0	5.86	13	PASS
Band25	20MHz	QPSK	26590	1RB#0	4.24	13	PASS
Band25	20MHz	16QAM	26590	1RB#0	5.15	13	PASS
Band25	10MHz	QPSK	26090	50RB#0	4.81	13	PASS
Band25	10MHz	QPSK	26365	50RB#0	4.84	13	PASS
Band25	10MHz	QPSK	26640	50RB#0	5.17	13	PASS
Band25	15MHz	QPSK	26115	75RB#0	5.33	13	PASS
Band25	15MHz	QPSK	26365	75RB#0	5.18	13	PASS
Band25	15MHz	QPSK	26615	75RB#0	5.62	13	PASS
Band25	20MHz	QPSK	26140	100RB#0	5.32	13	PASS
Band25	20MHz	QPSK	26365	100RB#0	5.21	13	PASS
Band25	20MHz	QPSK	26590	100RB#0	5.40	13	PASS

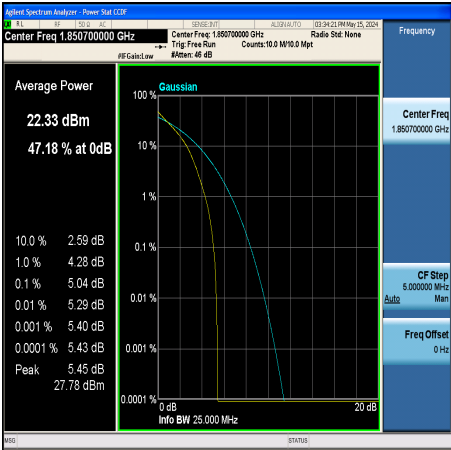
Test Graphs



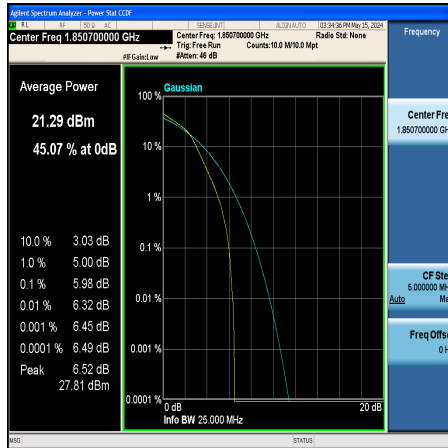
Band25-1.4MHz-QPSK-26047-1RB#0-PASS



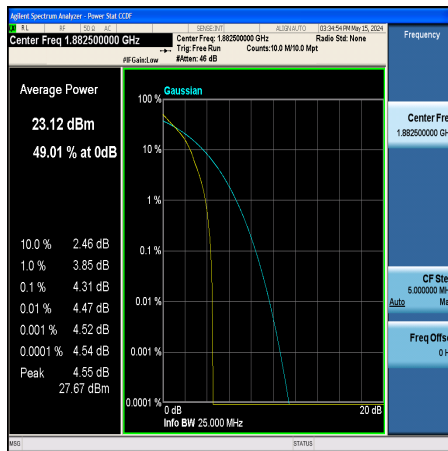
Band25-1.4MHz-16QAM-26047-1RB#0-PASS



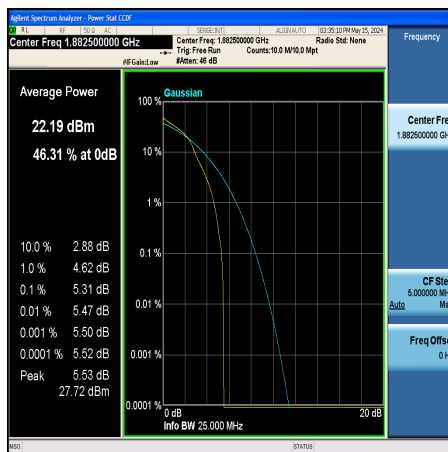
Band25-1.4MHz-QPSK-26047-6RB#0-PASS



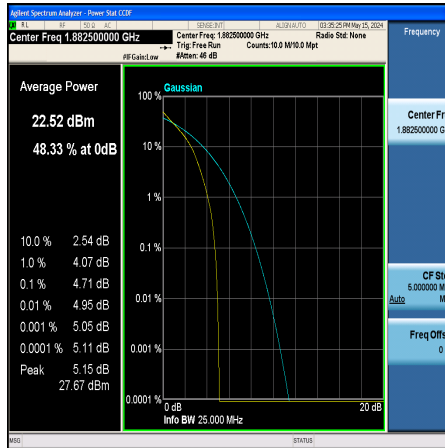
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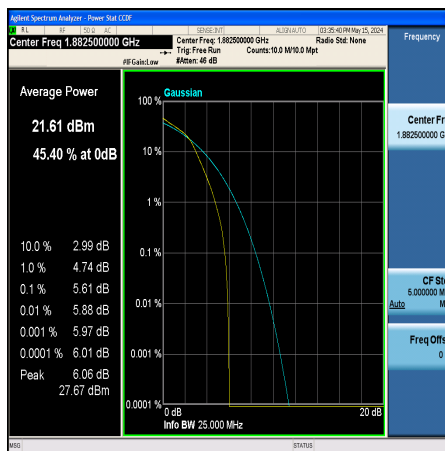
Band25-1.4MHz-QPSK-26365-1RB#0-PASS



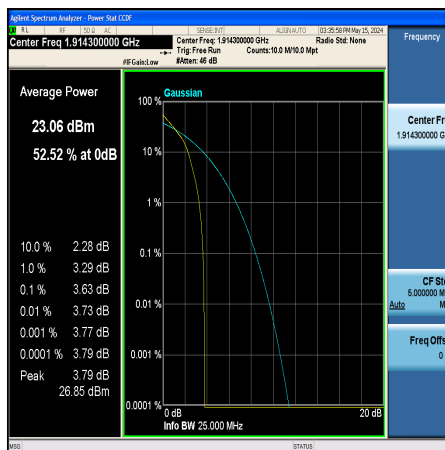
Band25-1.4MHz-16QAM-26365-1RB#0-PASS



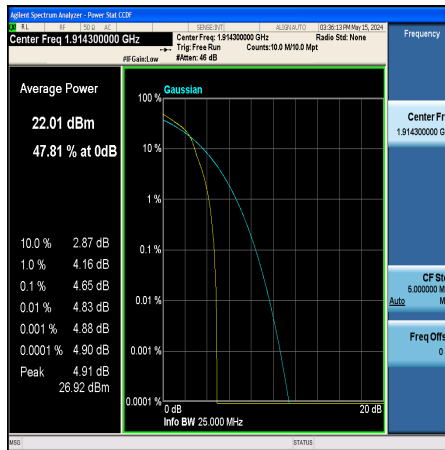
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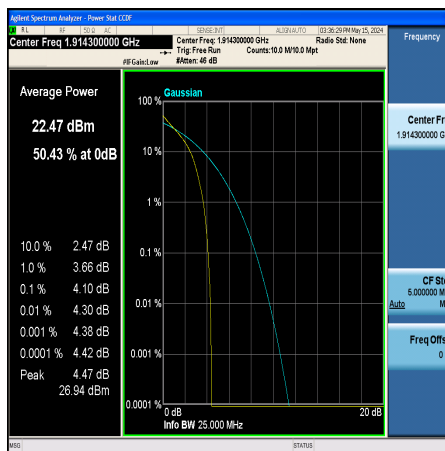
Band25-1.4MHz-16QAM-26365-6RB#0-PASS



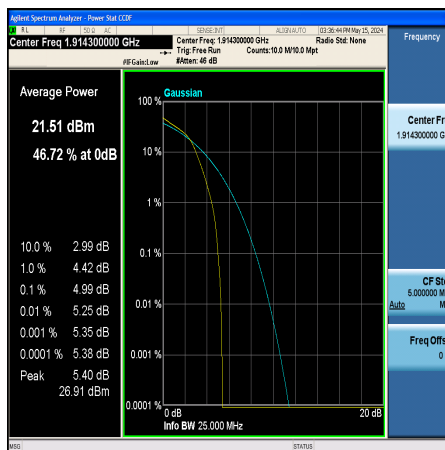
Band25-1.4MHz-QPSK-26683-1RB#0-PASS



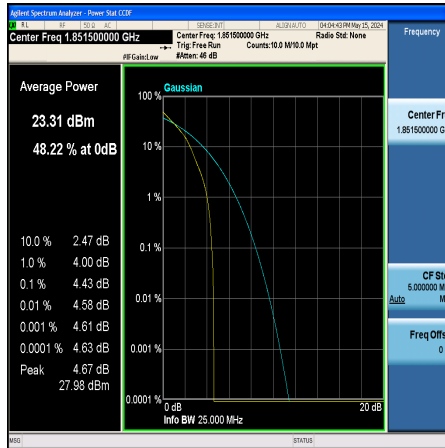
Band25-1.4MHz-16QAM-26683-1RB#0-PASS



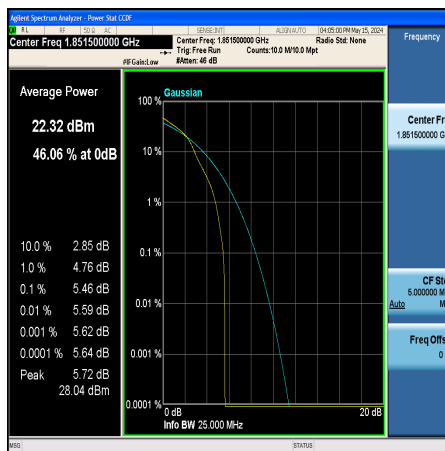
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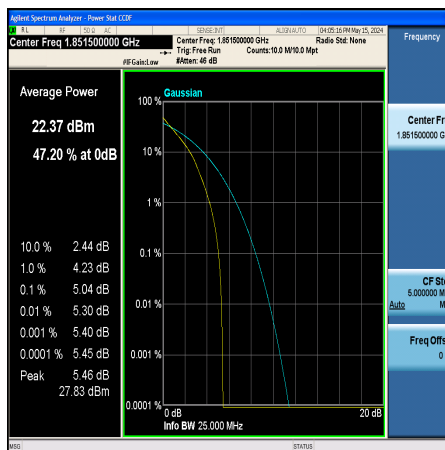
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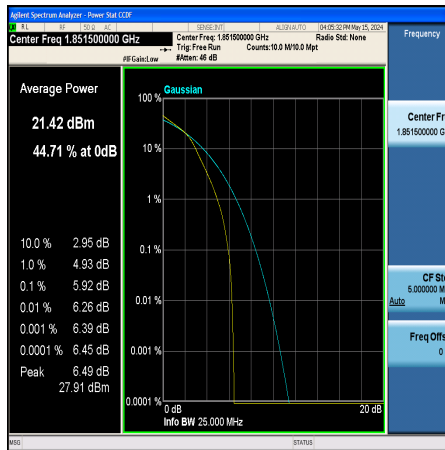
Band25-3MHz-QPSK-26055-1RB#0-PASS



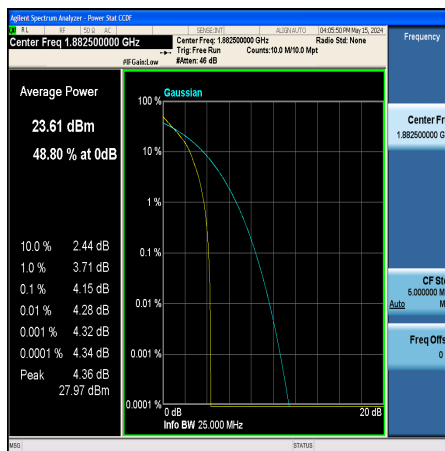
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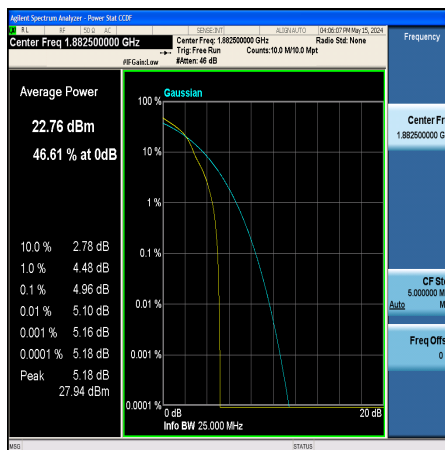
Band25-3MHz-QPSK-26055-15RB#0-PASS



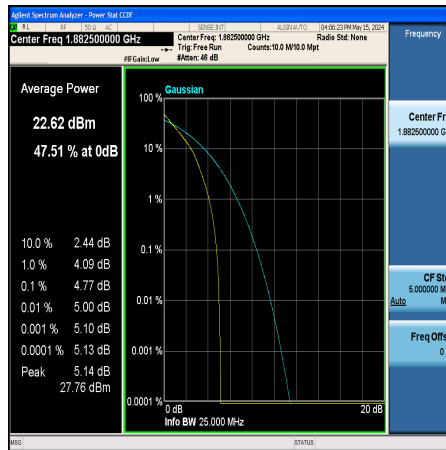
Band25-3MHz-16QAM-26055-15RB#0-PASS



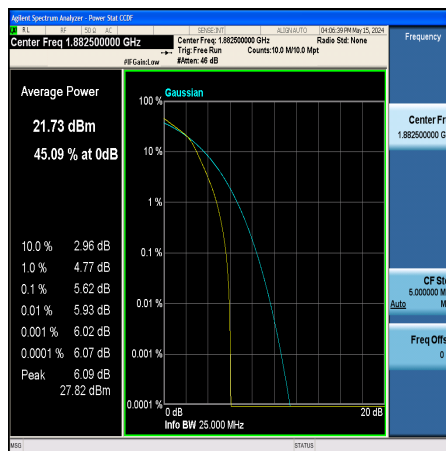
Band25-3MHz-QPSK-26365-1RB#0-PASS



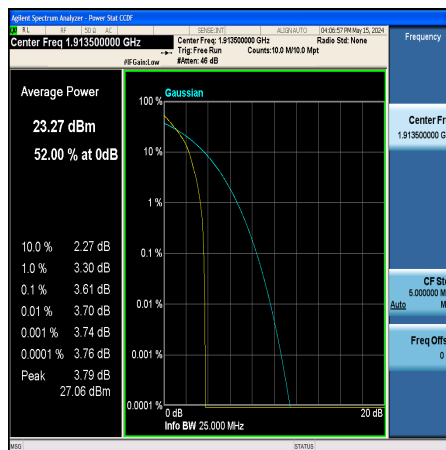
Band25-3MHz-16QAM-26365-1RB#0-PASS



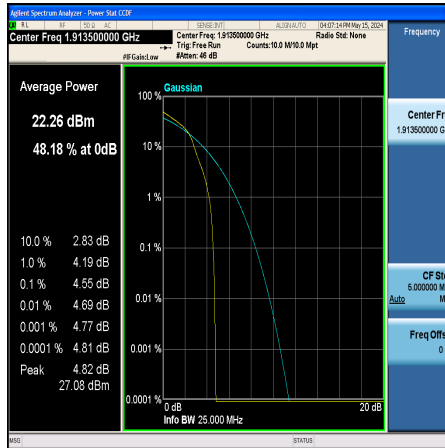
Band25-3MHz-QPSK-26365-15RB#0-PASS



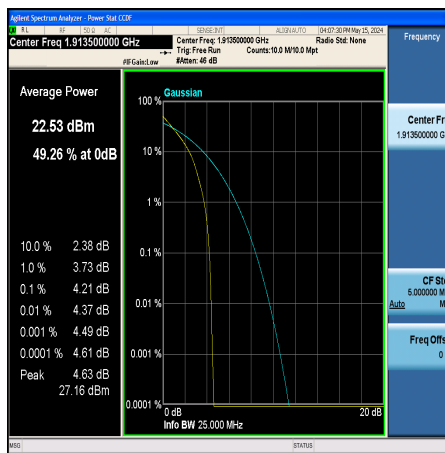
Band25-3MHz-16QAM-26365-15RB#0-PASS



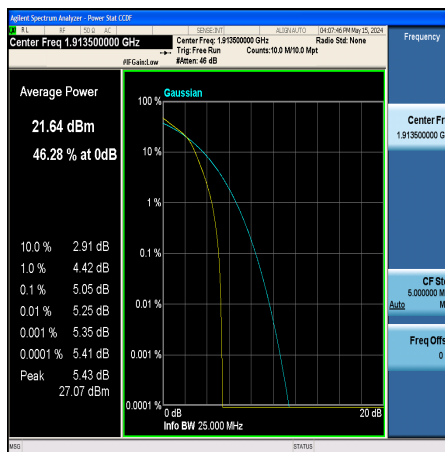
Band25-3MHz-QPSK-26675-1RB#0-PASS



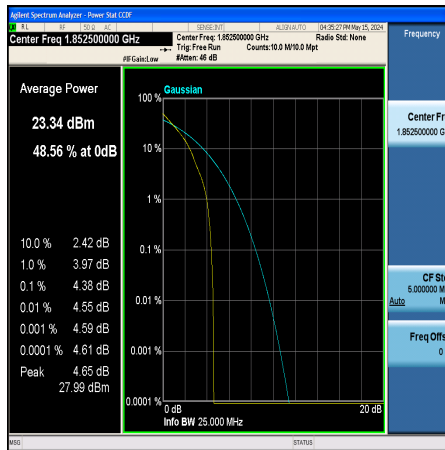
Band25-3MHz-16QAM-26675-1RB#0-PASS



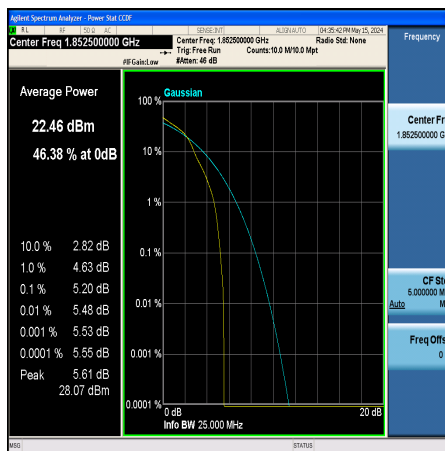
Band25-3MHz-QPSK-26675-15RB#0-PASS



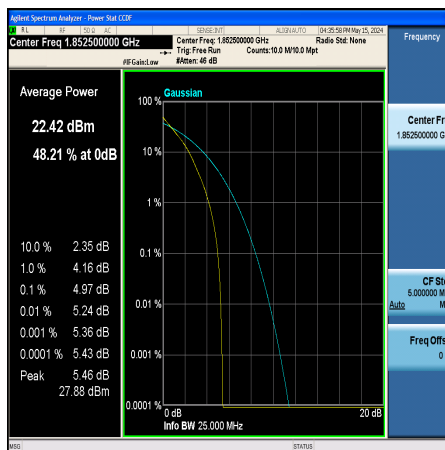
Band25-3MHz-16QAM-26675-15RB#0-PASS



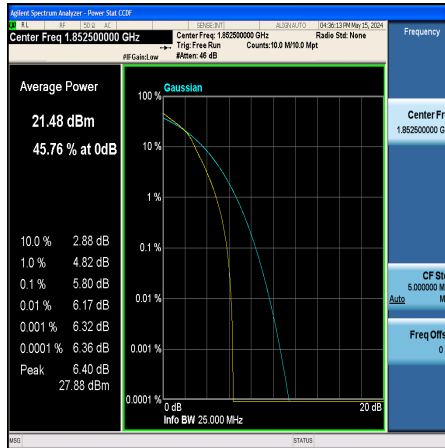
Band25-5MHz-QPSK-26065-1RB#0-PASS



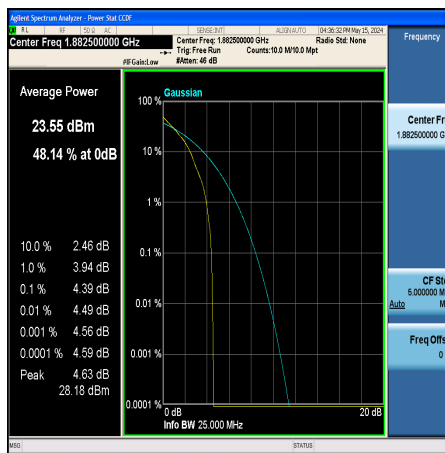
Band25-5MHz-16QAM-26065-1RB#0-PASS



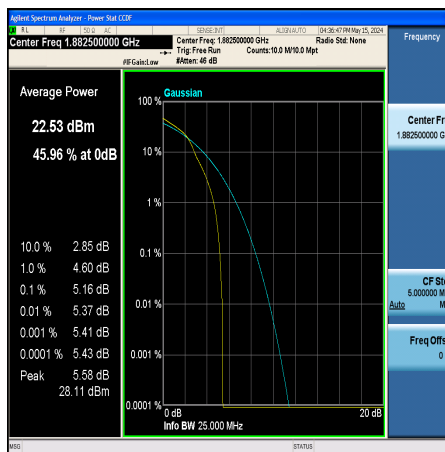
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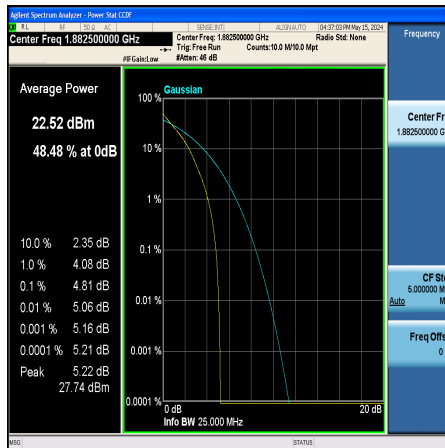
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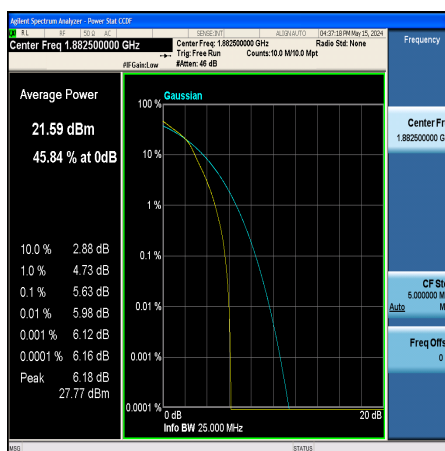
Band25-5MHz-QPSK-26365-1RB#0-PASS



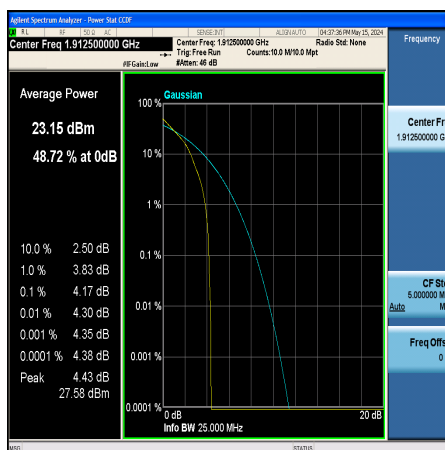
Band25-5MHz-16QAM-26365-1RB#0-PASS



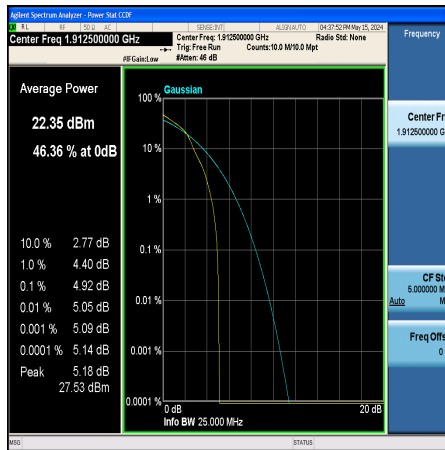
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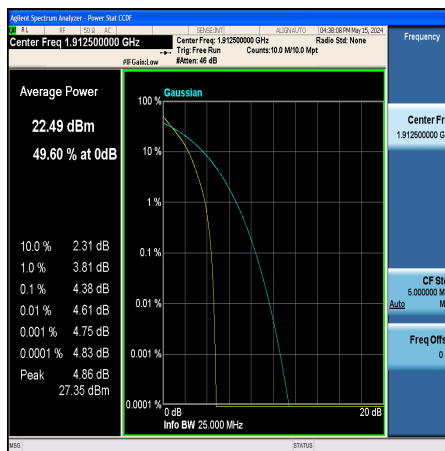
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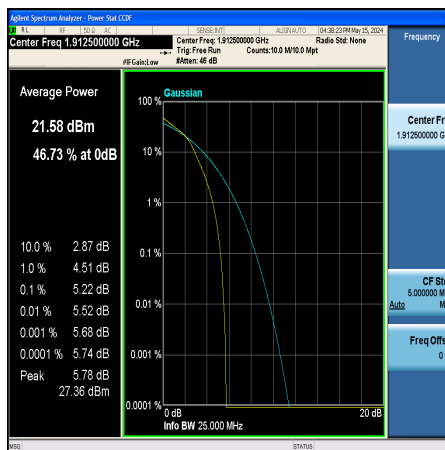
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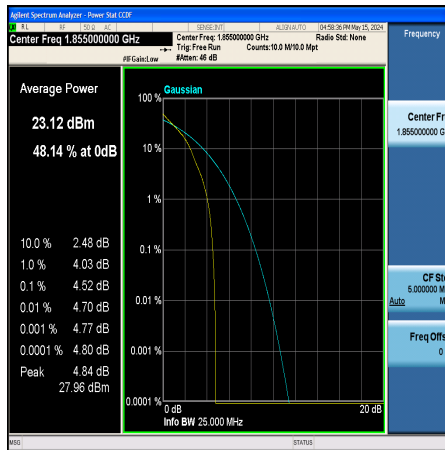
Band25-5MHz-16QAM-26665-1RB#0-PASS



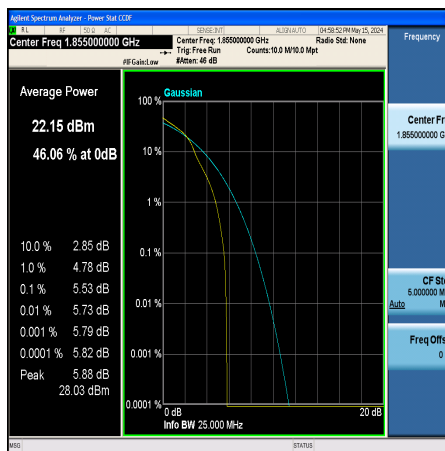
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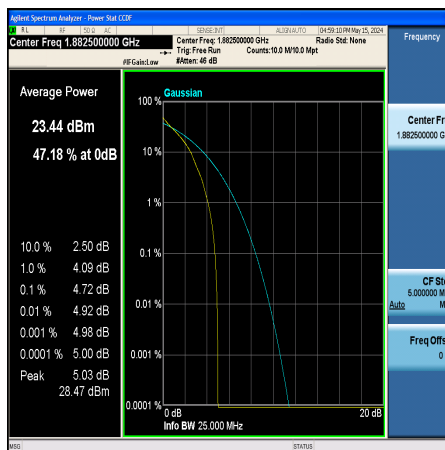
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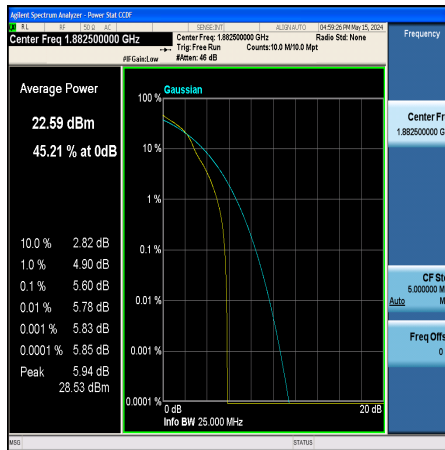
Band25-10MHz-QPSK-26090-1RB#0-PASS



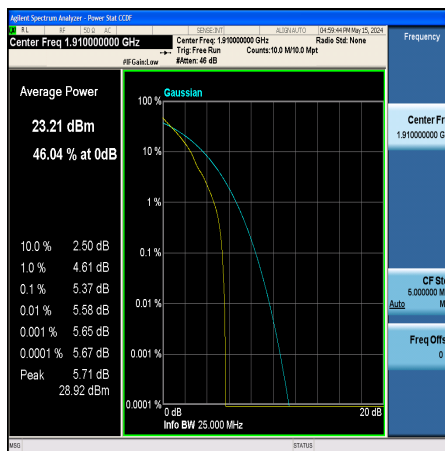
Band25-10MHz-16QAM-26090-1RB#0-PASS



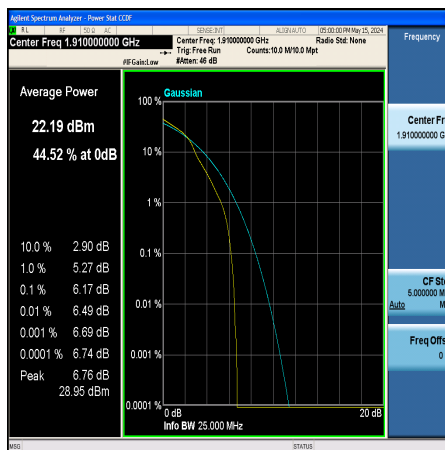
Band25-10MHz-QPSK-26365-1RB#0-PASS



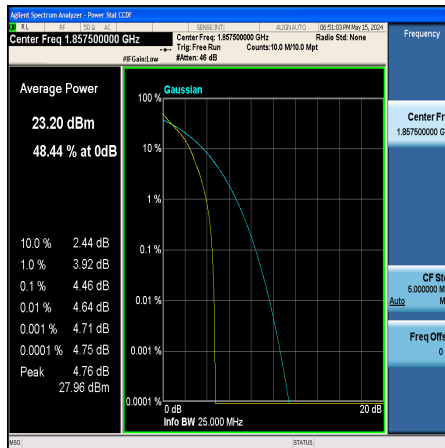
Band25-10MHz-16QAM-26365-1RB#0-PASS



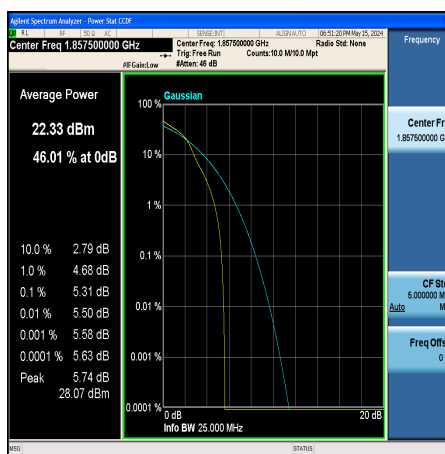
Band25-10MHz-QPSK-26640-1RB#0-PASS



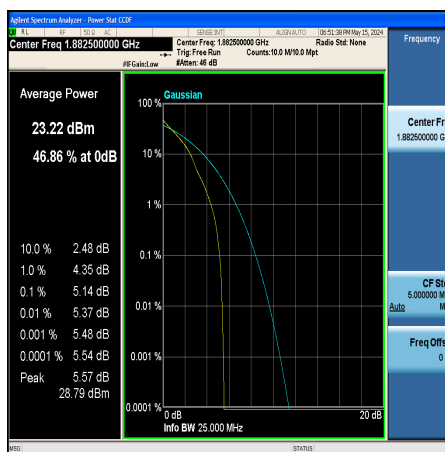
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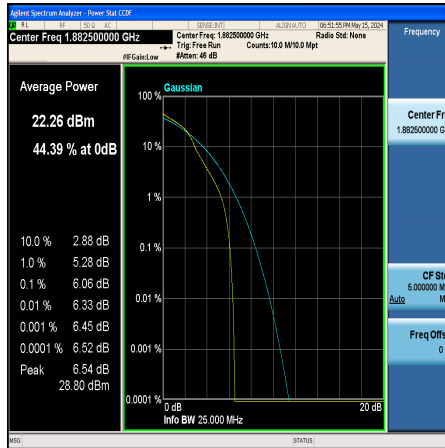
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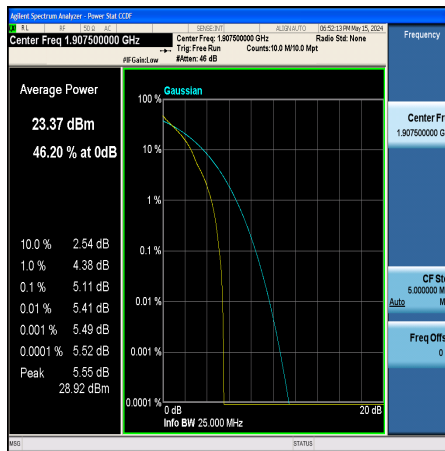
Band25-15MHz-16QAM-26115-1RB#0-PASS



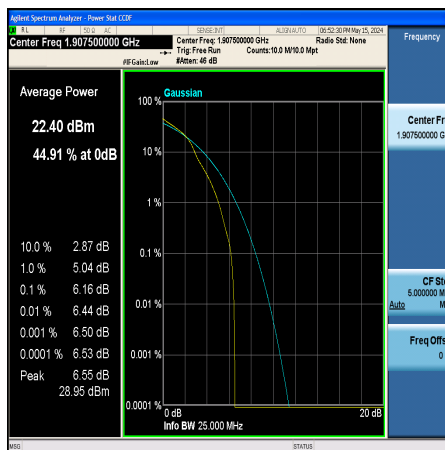
Band25-15MHz-QPSK-26365-1RB#0-PASS



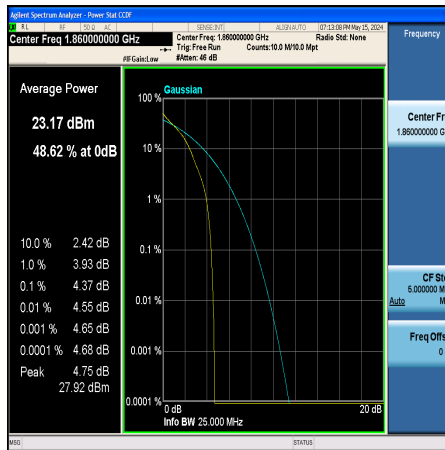
Band25-15MHz-16QAM-26365-1RB#0-PASS



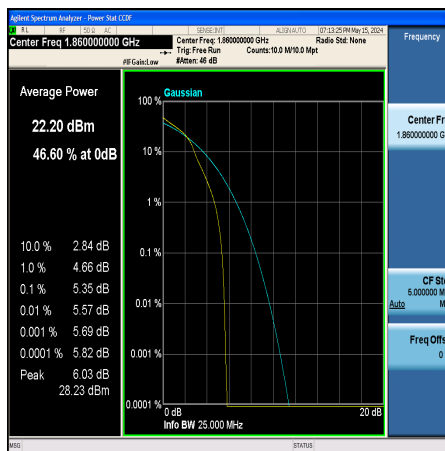
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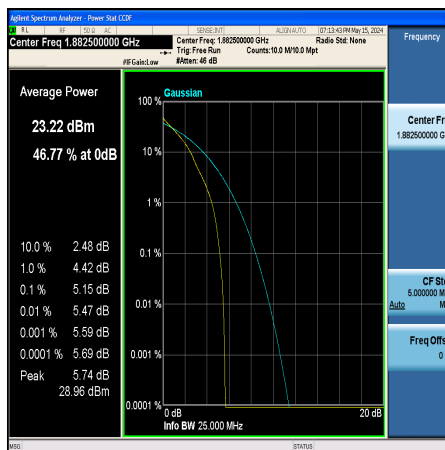
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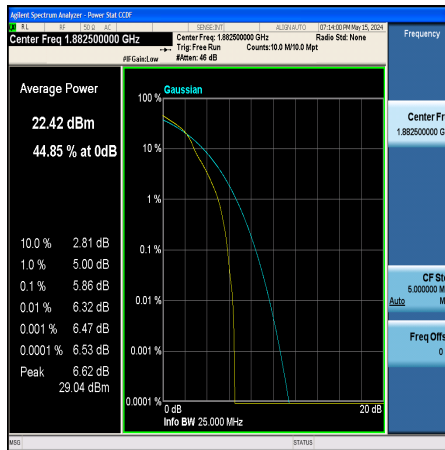
Band25-20MHz-QPSK-26140-1RB#0-PASS



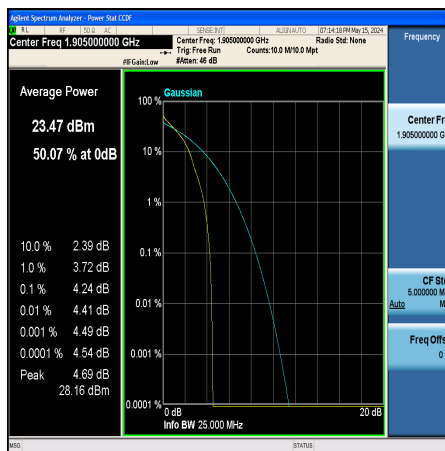
Band25-20MHz-16QAM-26140-1RB#0-PASS



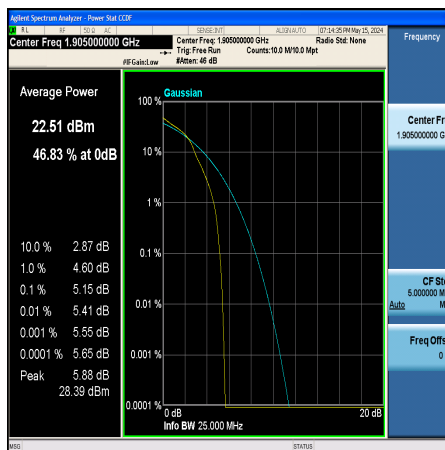
Band25-20MHz-QPSK-26365-1RB#0-PASS



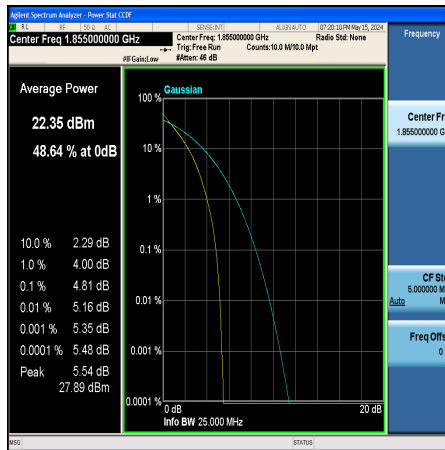
Band25-20MHz-16QAM-26365-1RB#0-PASS



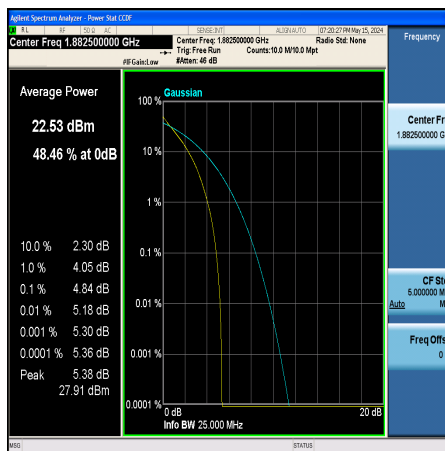
Band25-20MHz-QPSK-26590-1RB#0-PASS



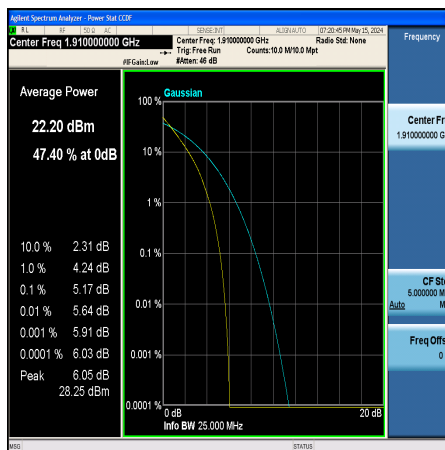
Band25-20MHz-16QAM-26590-1RB#0-PASS



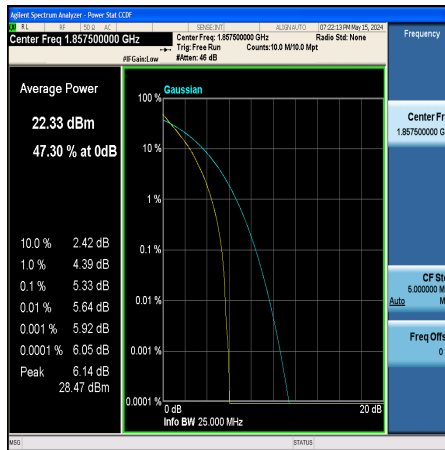
Band25-10MHz-QPSK-26090-50RB#0-PASS



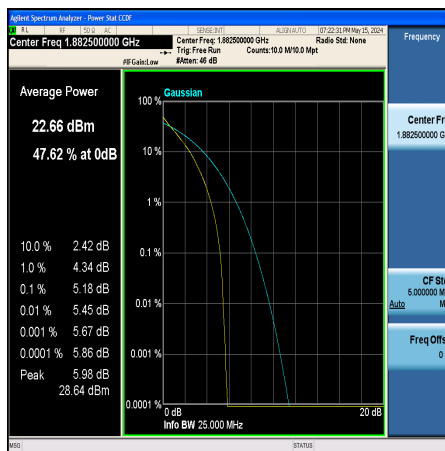
Band25-10MHz-QPSK-26365-50RB#0-PASS



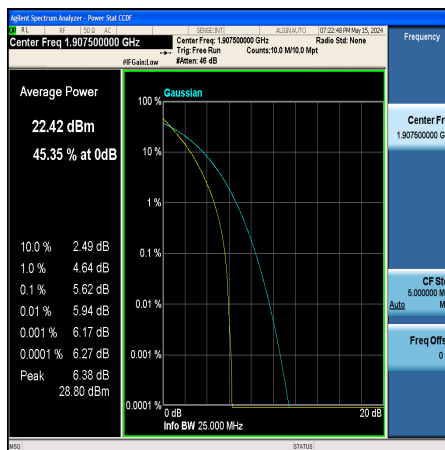
Band25-10MHz-QPSK-26640-50RB#0-PASS



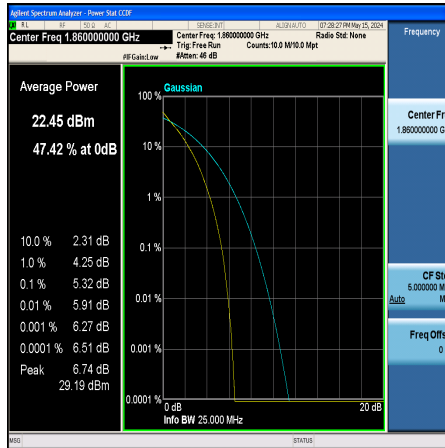
Band25-15MHz-QPSK-26115-75RB#0-PASS



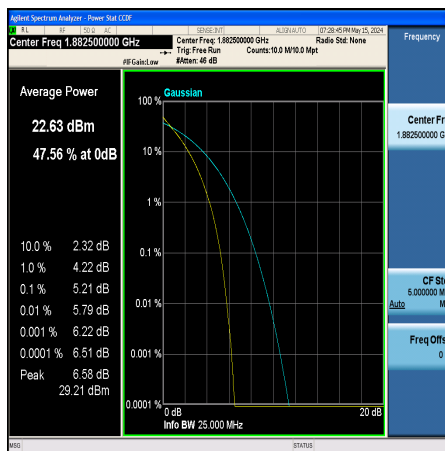
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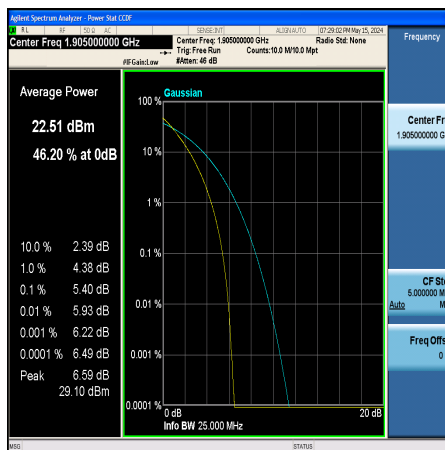
Band25-15MHz-QPSK-26615-75RB#0-PASS



Band25-20MHz-QPSK-26140-100RB#0-PASS



Band25-20MHz-QPSK-26365-100RB#0-PASS



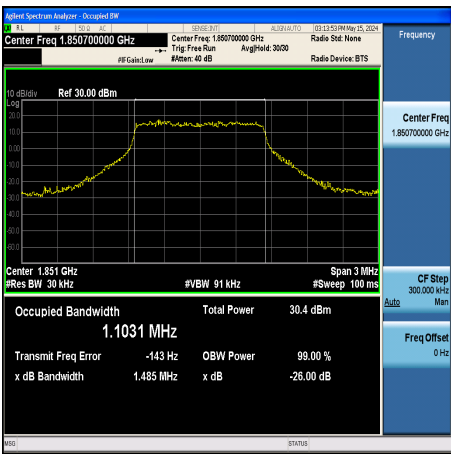
Band25-20MHz-QPSK-26590-100RB#0-PASS

1.3. Appendix C: 26dB Bandwidth and Occupied Bandwidth

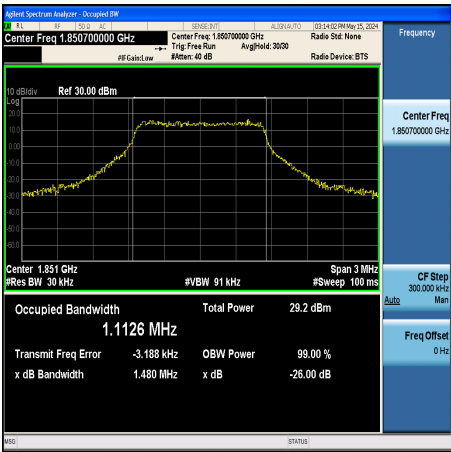
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band25	1.4MHz	QPSK	26047	6RB#0	1.1031	1.485	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	1.1126	1.480	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	1.1100	1.484	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	1.1007	1.507	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	1.1021	1.472	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	1.1176	1.515	PASS
Band25	3MHz	QPSK	26055	15RB#0	2.7050	3.162	PASS
Band25	3MHz	16QAM	26055	15RB#0	2.6945	3.139	PASS
Band25	3MHz	QPSK	26365	15RB#0	2.6984	3.189	PASS
Band25	3MHz	16QAM	26365	15RB#0	2.7031	3.205	PASS
Band25	3MHz	QPSK	26675	15RB#0	2.7121	3.161	PASS
Band25	3MHz	16QAM	26675	15RB#0	2.7009	3.190	PASS
Band25	5MHz	QPSK	26065	25RB#0	4.4989	5.107	PASS
Band25	5MHz	16QAM	26065	25RB#0	4.4978	5.101	PASS
Band25	5MHz	QPSK	26365	25RB#0	4.4959	5.106	PASS
Band25	5MHz	16QAM	26365	25RB#0	4.5058	5.117	PASS
Band25	5MHz	QPSK	26665	25RB#0	4.5036	5.130	PASS
Band25	5MHz	16QAM	26665	25RB#0	4.5176	5.156	PASS
Band25	10MHz	QPSK	26090	50RB#0	8.9769	9.893	PASS
Band25	10MHz	QPSK	26365	50RB#0	8.9942	9.849	PASS
Band25	10MHz	QPSK	26640	50RB#0	8.9736	9.839	PASS
Band25	15MHz	QPSK	26115	75RB#0	13.538	15.08	PASS
Band25	15MHz	QPSK	26365	75RB#0	13.508	15.21	PASS
Band25	15MHz	QPSK	26615	75RB#0	13.475	15.12	PASS
Band25	20MHz	QPSK	26140	100RB#0	17.987	19.55	PASS
Band25	20MHz	QPSK	26365	100RB#0	17.984	19.61	PASS
Band25	20MHz	QPSK	26590	100RB#0	17.980	19.51	PASS

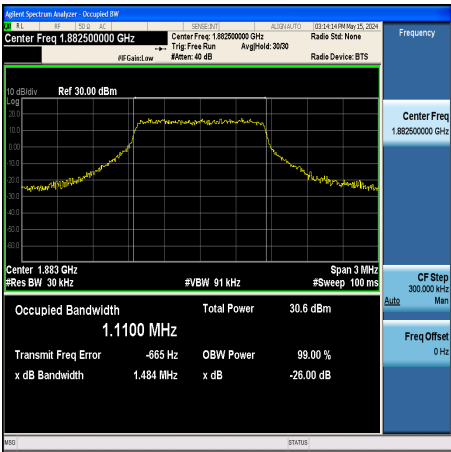
Test Graphs



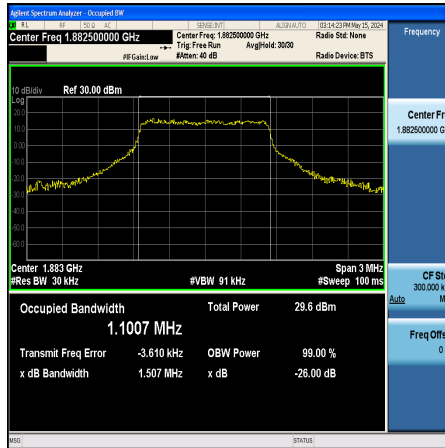
Band25-1.4MHz-QPSK-26047-6RB#0-PASS



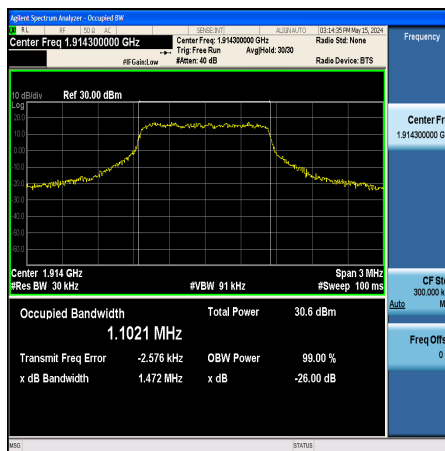
Band25-1.4MHz-16QAM-26047-6RB#0-PASS



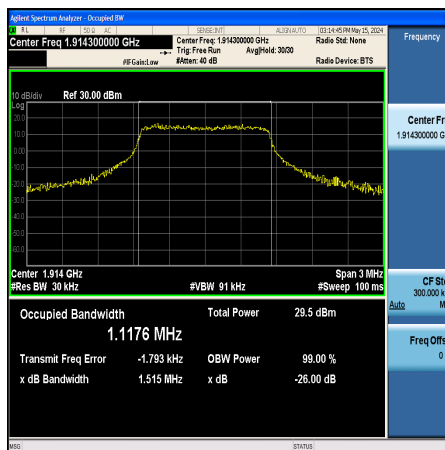
Band25-1.4MHz-QPSK-26365-6RB#0-PASS



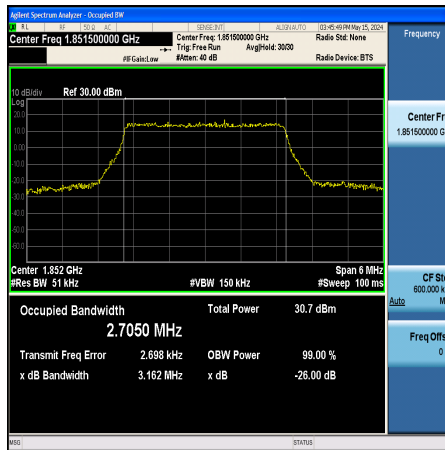
Band25-1.4MHz-16QAM-26365-6RB#0-PASS



Band25-1.4MHz-QPSK-26683-6RB#0-PASS



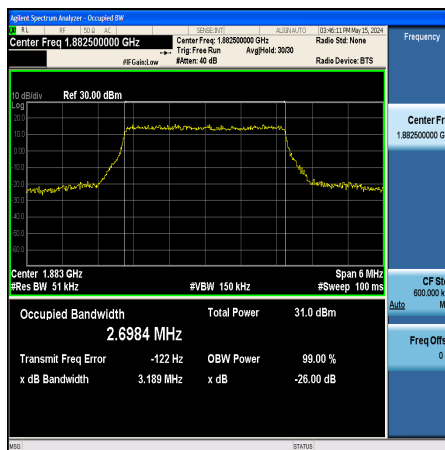
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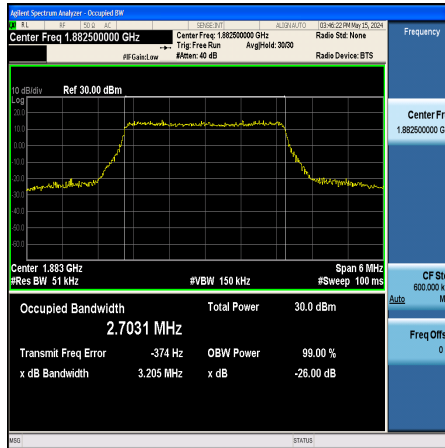
Band25-3MHz-QPSK-26055-15RB#0-PASS



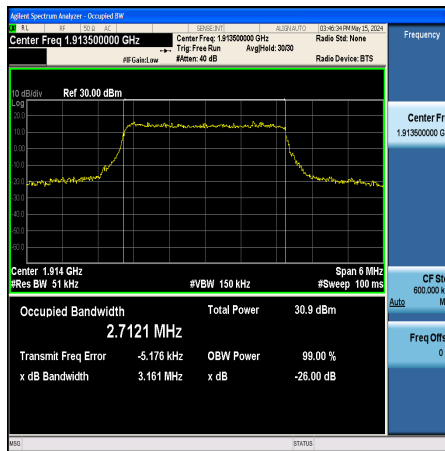
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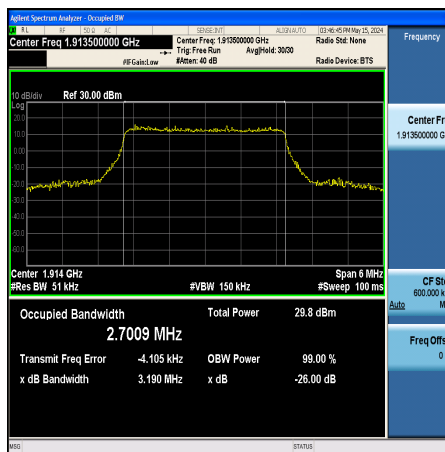
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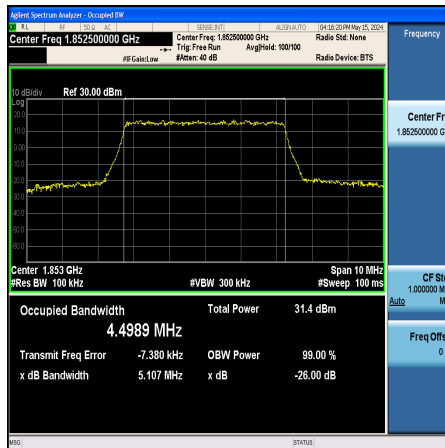
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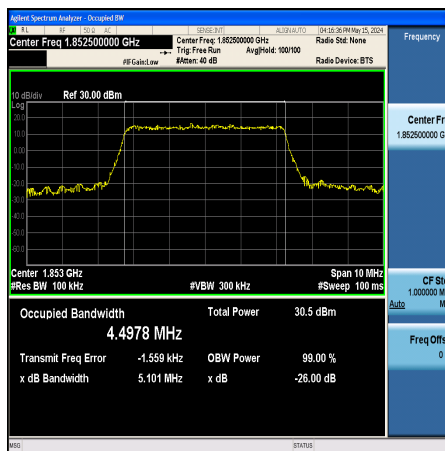
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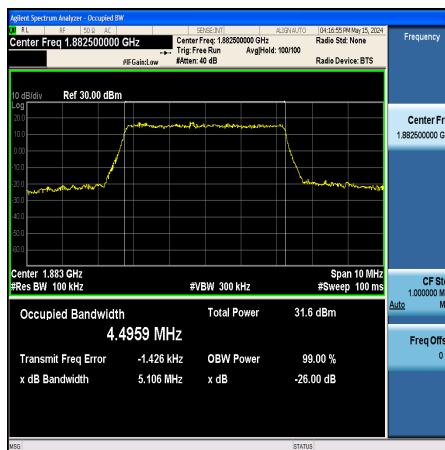
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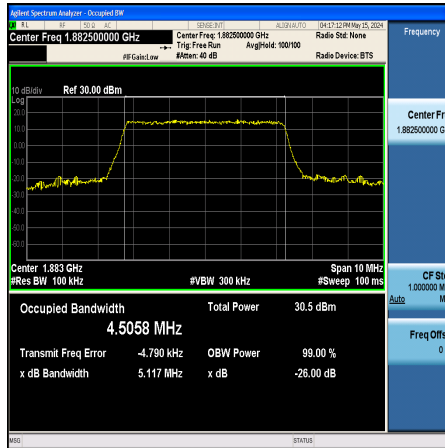
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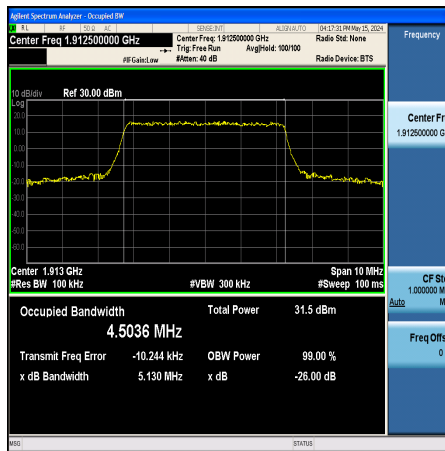
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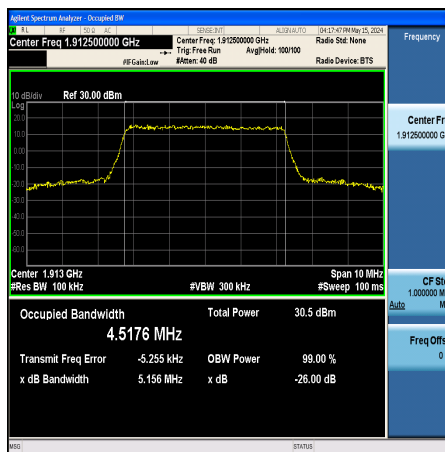
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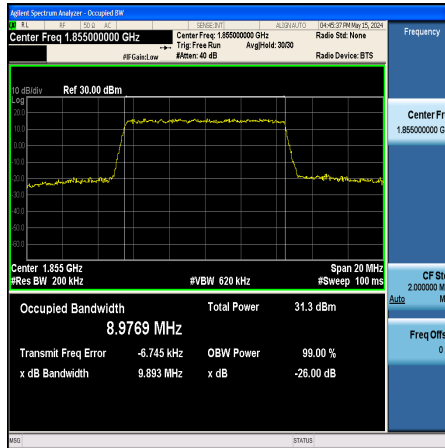
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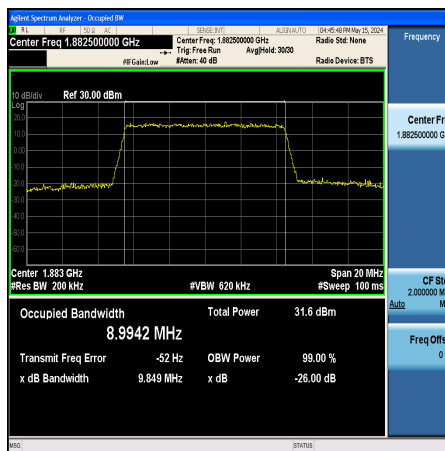
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Band25-5MHz-16QAM-26665-25RB#0-PASS



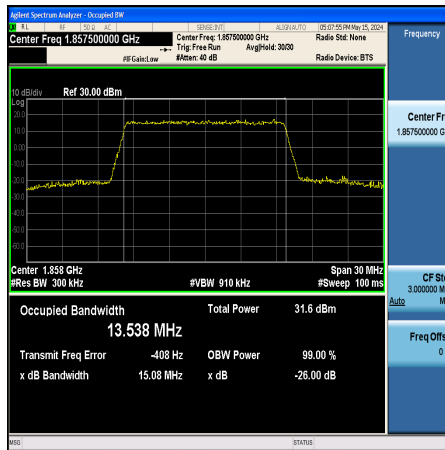
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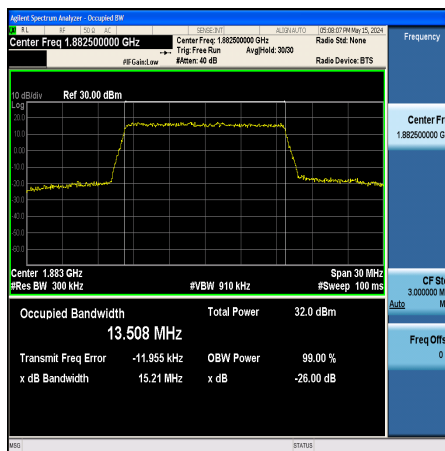
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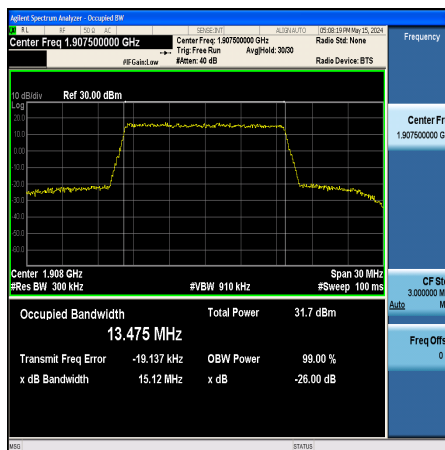
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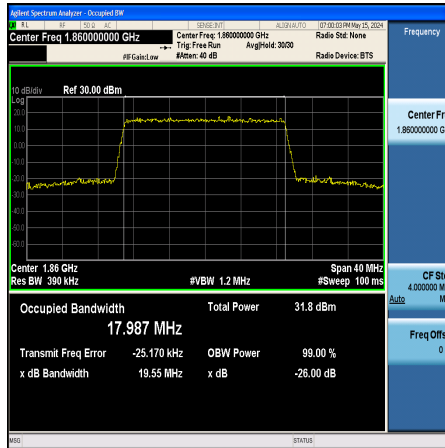
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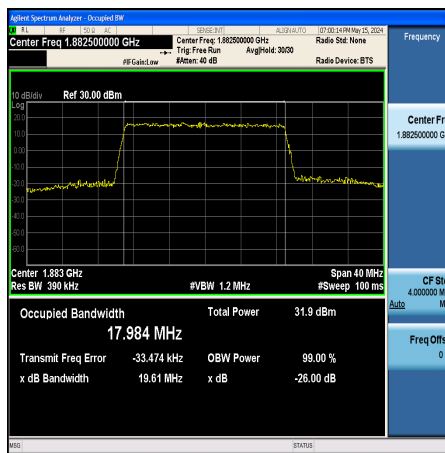
Band25-15MHz-QPSK-26365-75RB#0-PASS



Band25-15MHz-QPSK-26615-75RB#0-PASS



Band25-20MHz-QPSK-26140-100RB#0-PASS



Band25-20MHz-QPSK-26365-100RB#0-PASS



Band25-20MHz-QPSK-26590-100RB#0-PASS

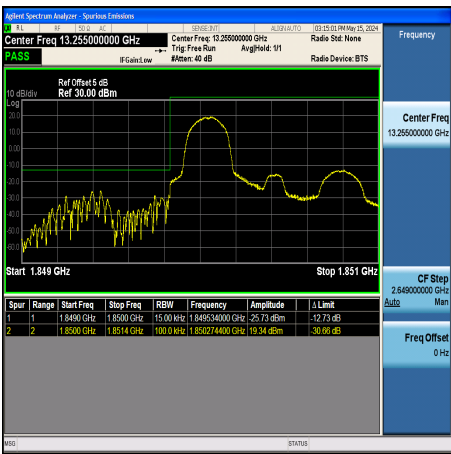
1.4. Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band25	1.4MHz	QPSK	26047	1RB#0	-25.73	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	-24.57	PASS
Band25	1.4MHz	QPSK	26047	1RB#5	-28.49	PASS
Band25	1.4MHz	16QAM	26047	1RB#5	-32.87	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	-20.18	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	-26.67	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	-25.39	PASS
Band25	1.4MHz	16QAM	26683	1RB#0	-33.97	PASS
Band25	1.4MHz	QPSK	26683	1RB#5	-21.57	PASS
Band25	1.4MHz	16QAM	26683	1RB#5	-26.56	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	-18.56	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	-24.17	PASS
Band25	3MHz	QPSK	26055	1RB#0	-18.61	PASS
Band25	3MHz	16QAM	26055	1RB#0	-19.66	PASS
Band25	3MHz	QPSK	26055	1RB#14	-31.71	PASS
Band25	3MHz	16QAM	26055	1RB#14	-32.79	PASS
Band25	3MHz	QPSK	26055	15RB#0	-26.69	PASS
Band25	3MHz	16QAM	26055	15RB#0	-28.42	PASS
Band25	3MHz	QPSK	26675	1RB#0	-32.08	PASS
Band25	3MHz	16QAM	26675	1RB#0	-33.36	PASS
Band25	3MHz	QPSK	26675	1RB#14	-16.53	PASS
Band25	3MHz	16QAM	26675	1RB#14	-19.62	PASS
Band25	3MHz	QPSK	26675	15RB#0	-25.48	PASS
Band25	3MHz	16QAM	26675	15RB#0	-27.49	PASS
Band25	5MHz	QPSK	26065	1RB#0	-25.26	PASS
Band25	5MHz	16QAM	26065	1RB#0	-26.14	PASS
Band25	5MHz	QPSK	26065	1RB#24	-41.66	PASS
Band25	5MHz	16QAM	26065	1RB#24	-42.68	PASS
Band25	5MHz	QPSK	26065	25RB#0	-32.33	PASS
Band25	5MHz	16QAM	26065	25RB#0	-33.26	PASS
Band25	5MHz	QPSK	26665	1RB#0	-43.06	PASS
Band25	5MHz	16QAM	26665	1RB#0	-45.32	PASS
Band25	5MHz	QPSK	26665	1RB#24	-24.28	PASS

Band25	5MHz	16QAM	26665	1RB#24	-24.85	PASS
Band25	5MHz	QPSK	26665	25RB#0	-29.47	PASS
Band25	5MHz	16QAM	26665	25RB#0	-31.93	PASS
Band25	10MHz	QPSK	26090	1RB#0	-33.66	PASS
Band25	10MHz	16QAM	26090	1RB#0	-38.07	PASS
Band25	10MHz	QPSK	26090	1RB#49	-50.16	PASS
Band25	10MHz	16QAM	26090	1RB#49	-49.95	PASS
Band25	10MHz	QPSK	26640	1RB#0	-50.61	PASS
Band25	10MHz	16QAM	26640	1RB#0	-50.84	PASS
Band25	10MHz	QPSK	26640	1RB#49	-33.74	PASS
Band25	10MHz	16QAM	26640	1RB#49	-35.34	PASS
Band25	15MHz	QPSK	26115	1RB#0	-36.22	PASS
Band25	15MHz	16QAM	26115	1RB#0	-37.79	PASS
Band25	15MHz	QPSK	26115	1RB#74	-48.70	PASS
Band25	15MHz	16QAM	26115	1RB#74	-49.03	PASS
Band25	15MHz	QPSK	26615	1RB#0	-50.35	PASS
Band25	15MHz	16QAM	26615	1RB#0	-50.20	PASS
Band25	15MHz	QPSK	26615	1RB#74	-37.75	PASS
Band25	15MHz	16QAM	26615	1RB#74	-38.14	PASS
Band25	20MHz	QPSK	26140	1RB#0	-43.33	PASS
Band25	20MHz	16QAM	26140	1RB#0	-43.63	PASS
Band25	20MHz	QPSK	26140	1RB#99	-48.76	PASS
Band25	20MHz	16QAM	26140	1RB#99	-48.80	PASS
Band25	20MHz	QPSK	26590	1RB#0	-50.29	PASS
Band25	20MHz	16QAM	26590	1RB#0	-50.58	PASS
Band25	20MHz	QPSK	26590	1RB#99	-43.93	PASS
Band25	20MHz	16QAM	26590	1RB#99	-42.81	PASS
Band25	10MHz	QPSK	26090	50RB#0	-36.33	PASS
Band25	10MHz	QPSK	26640	50RB#0	-38.32	PASS
Band25	15MHz	QPSK	26115	75RB#0	-35.62	PASS
Band25	15MHz	QPSK	26615	75RB#0	-38.17	PASS
Band25	20MHz	QPSK	26140	100RB#0	-38.49	PASS
Band25	20MHz	QPSK	26590	100RB#0	-37.55	PASS

Test Graphs



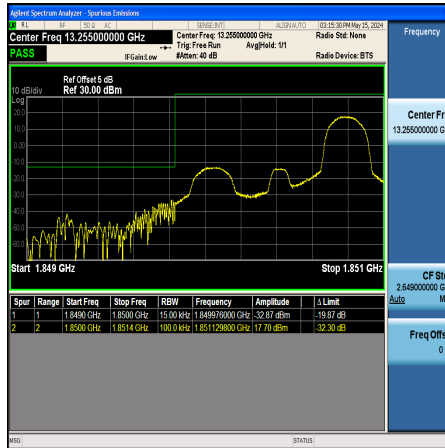
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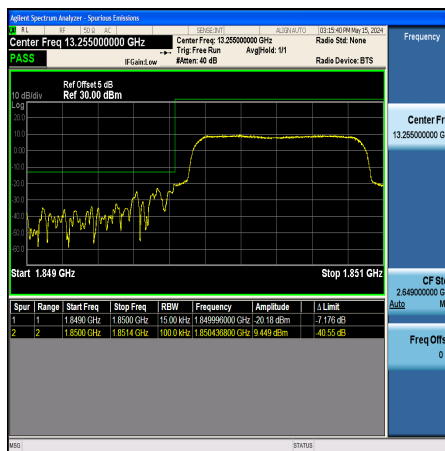
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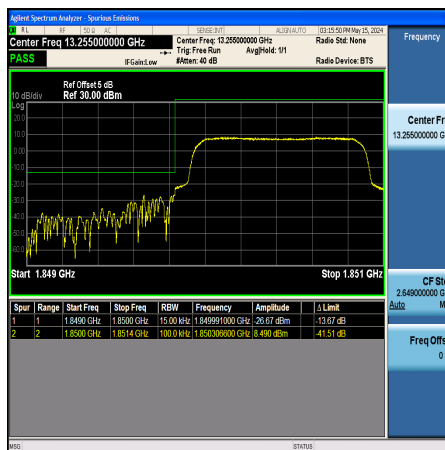
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Band25_1.4MHz_16QAM_26047_1RB#5



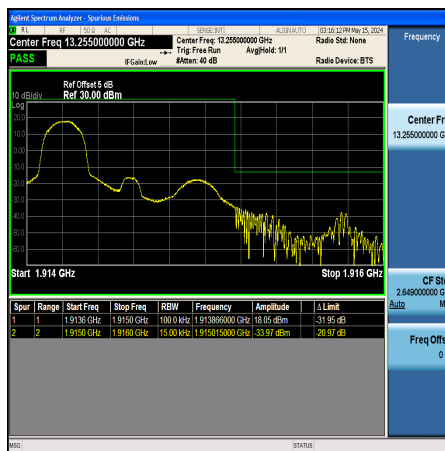
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Band25_1.4MHz_16QAM_26047_6RB#0



Band25_1.4MHz_QPSK_26683_1RB#0



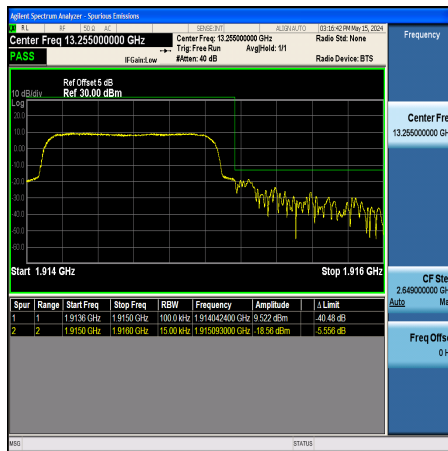
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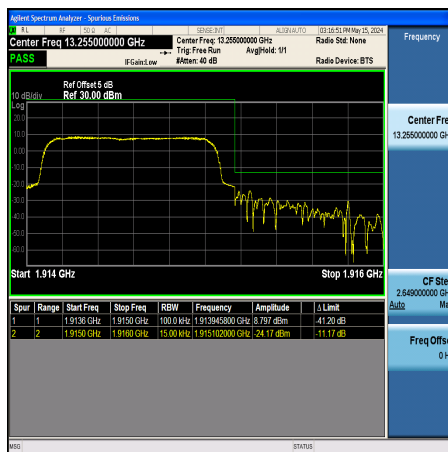
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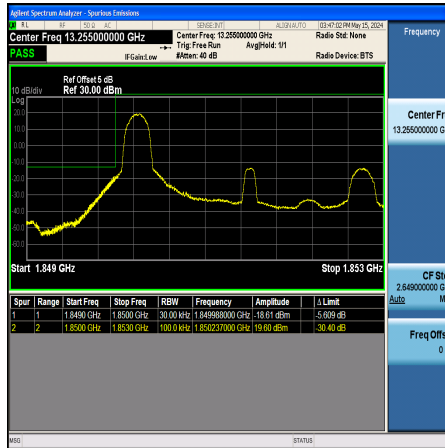
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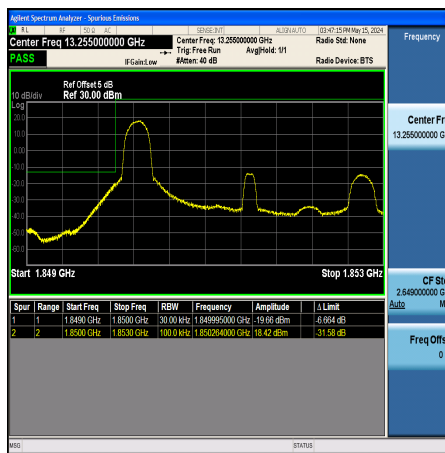
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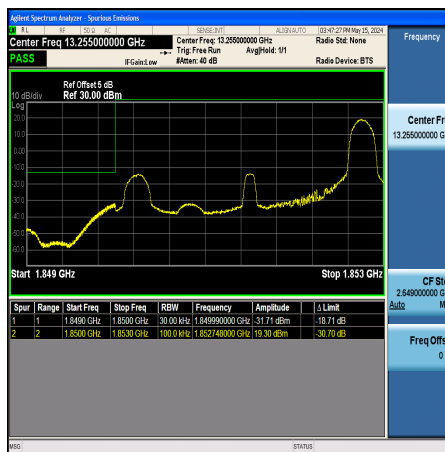
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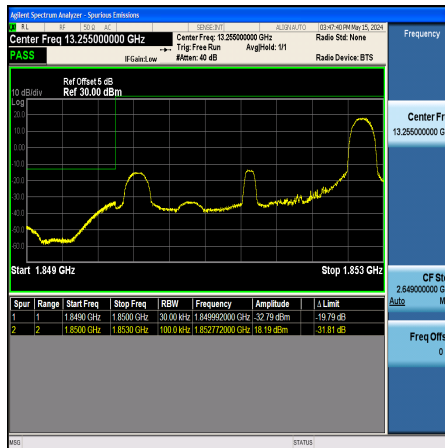
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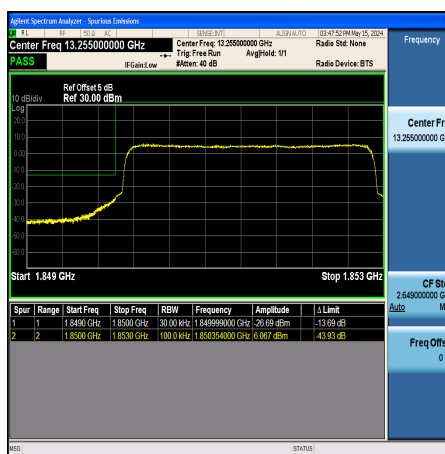
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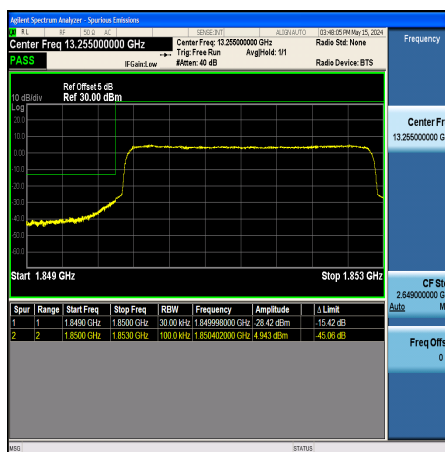
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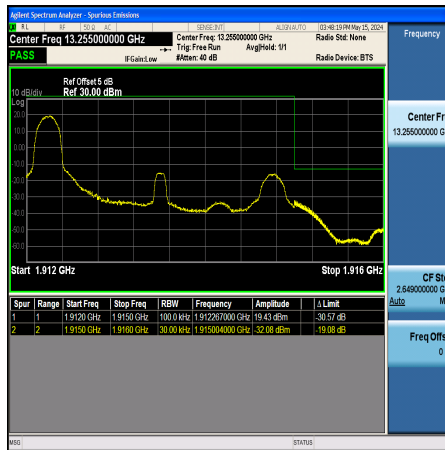
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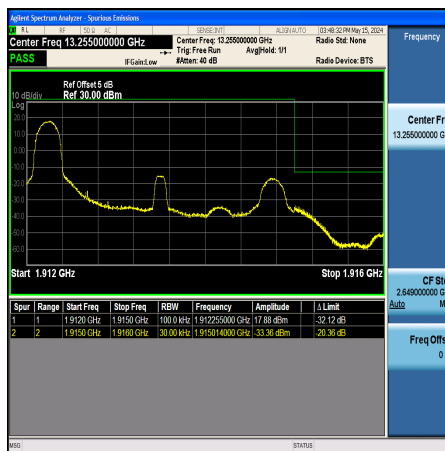
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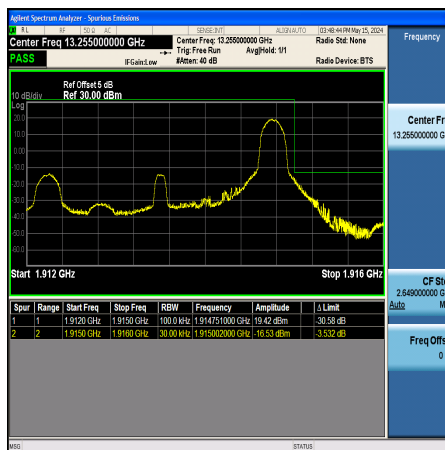
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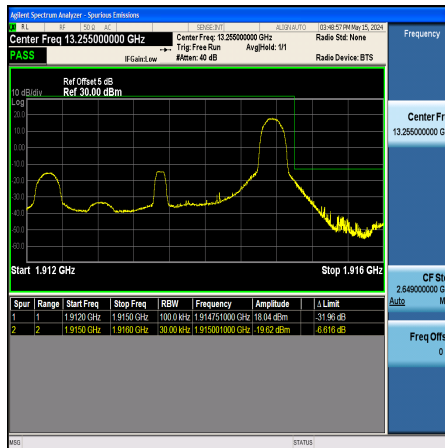
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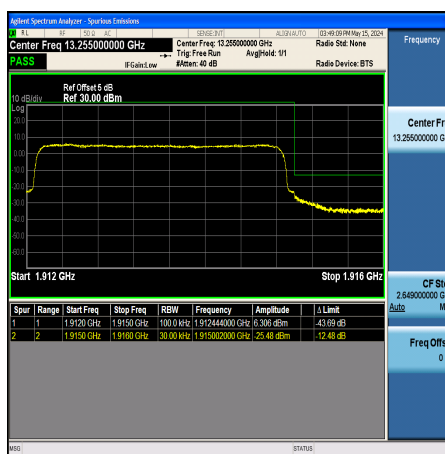
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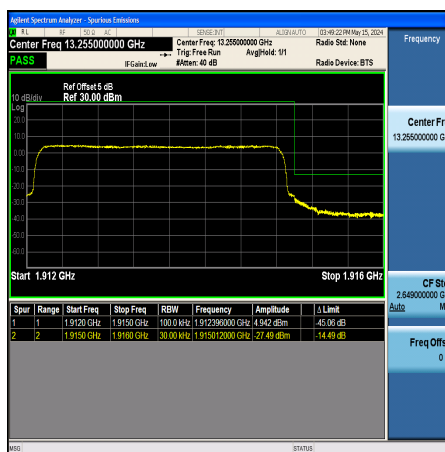
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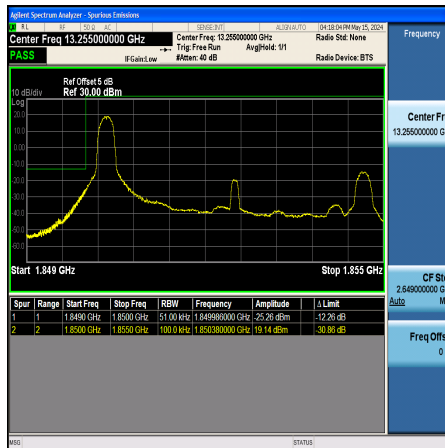
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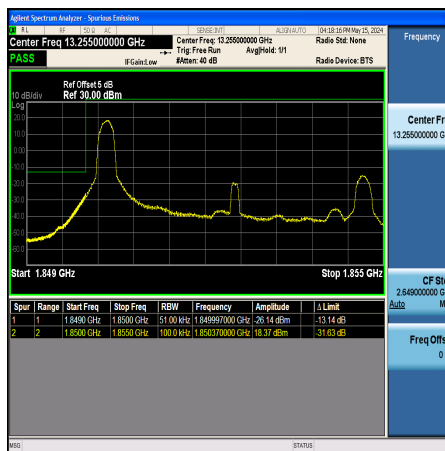
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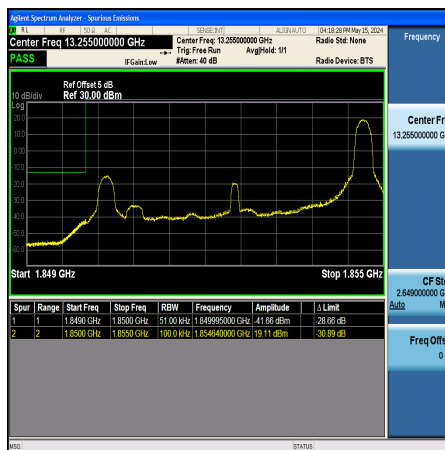
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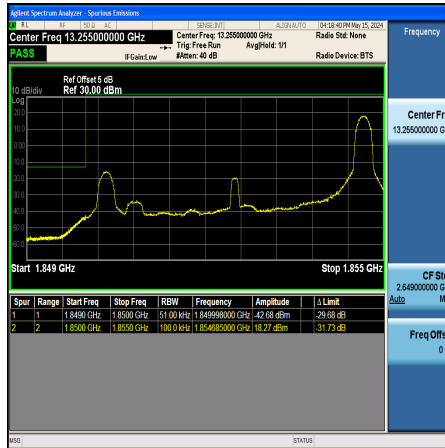
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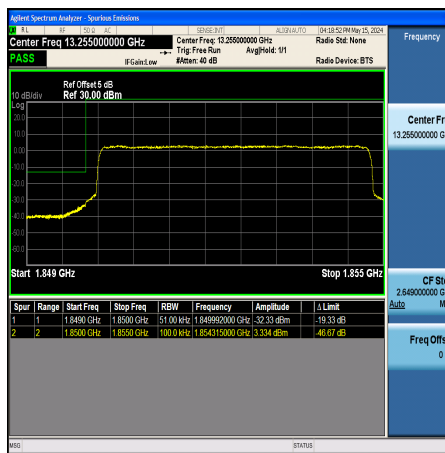
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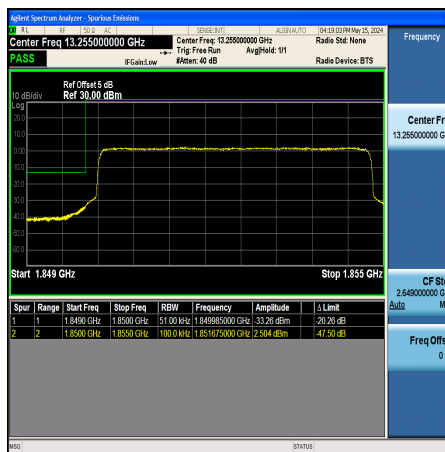
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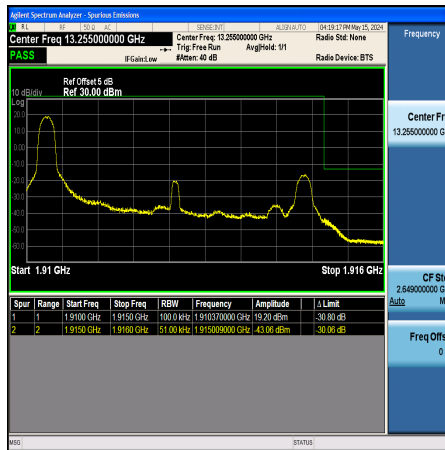
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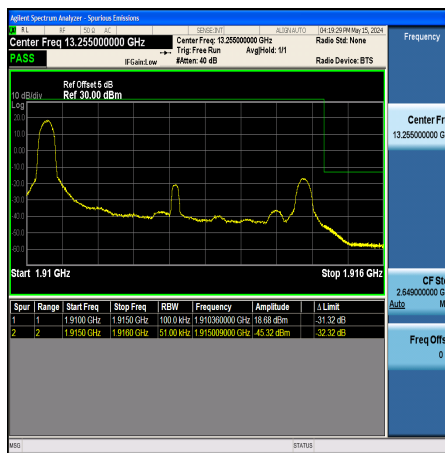
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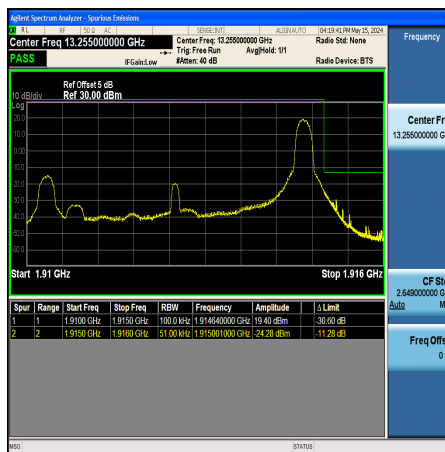
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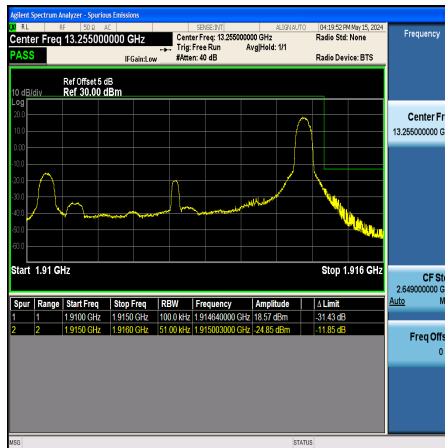
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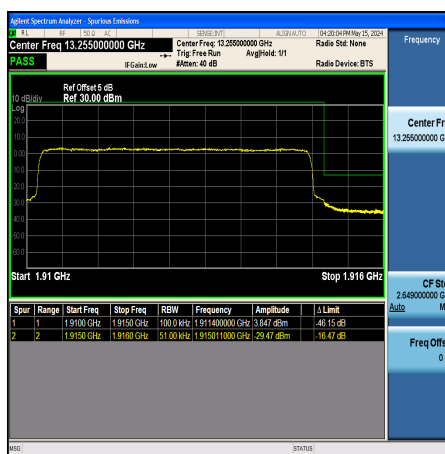
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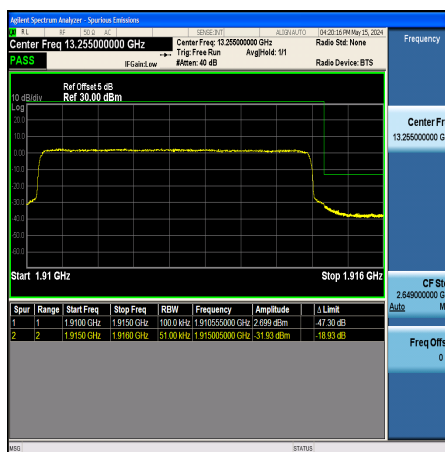
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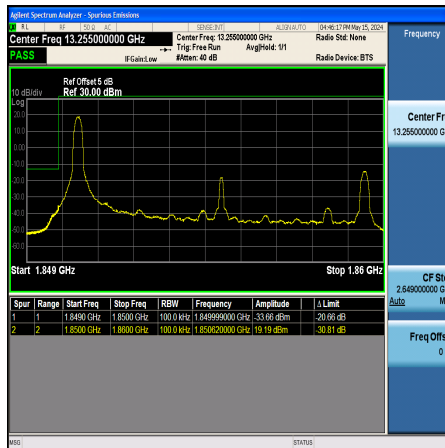
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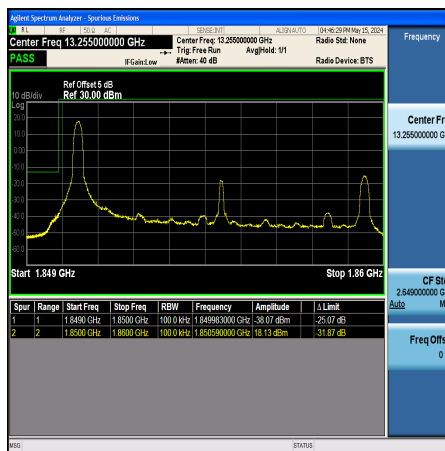
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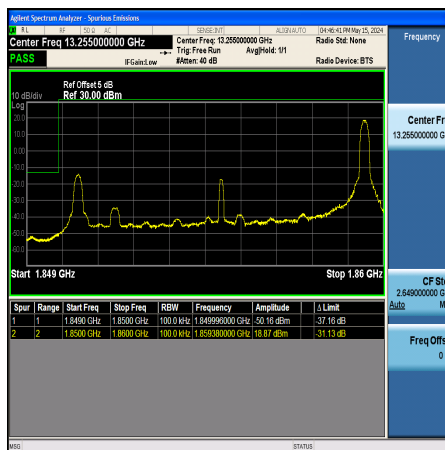
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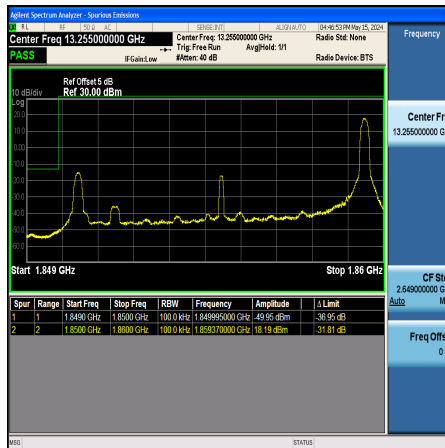
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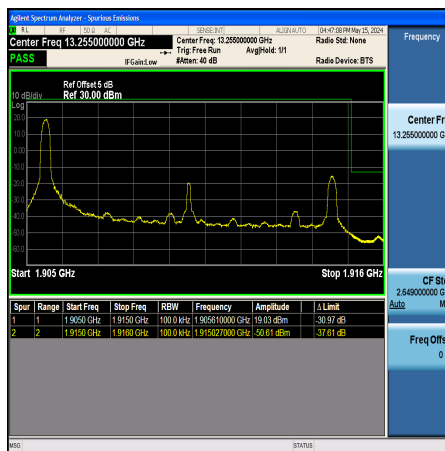
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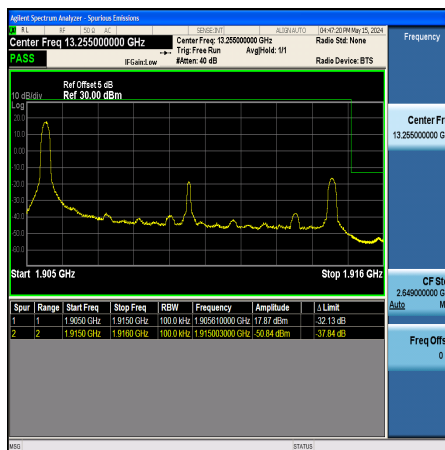
Band25_10MHz_QPSK_26090_1RB#49



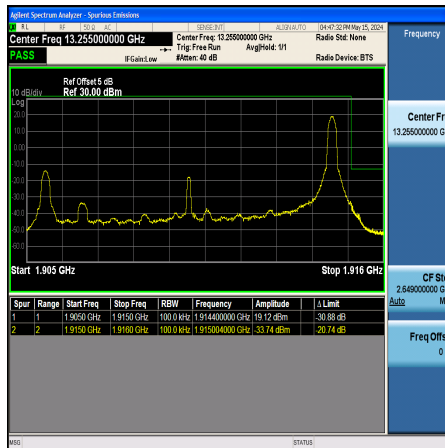
Band25_10MHz_16QAM_26090_1RB#49



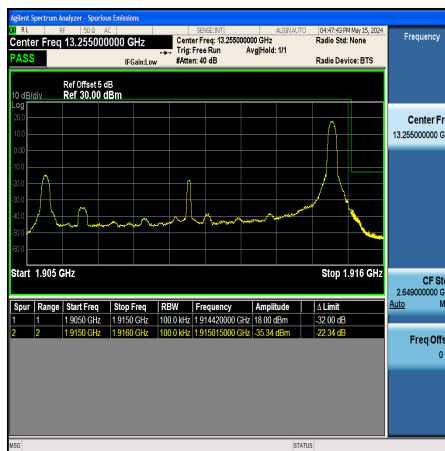
Band25_10MHz_QPSK_26640_1RB#0



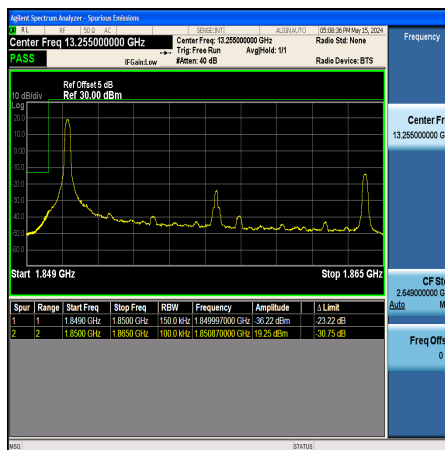
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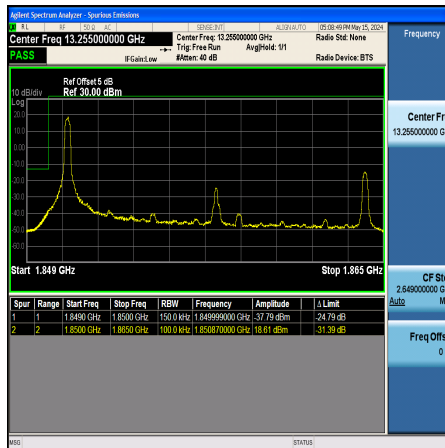
Band25_10MHz_QPSK_26640_1RB#49



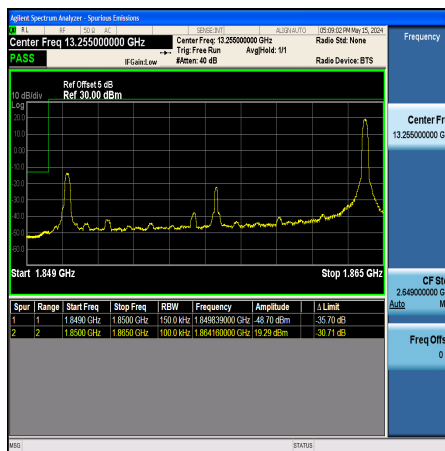
Band25_10MHz_16QAM_26640_1RB#49



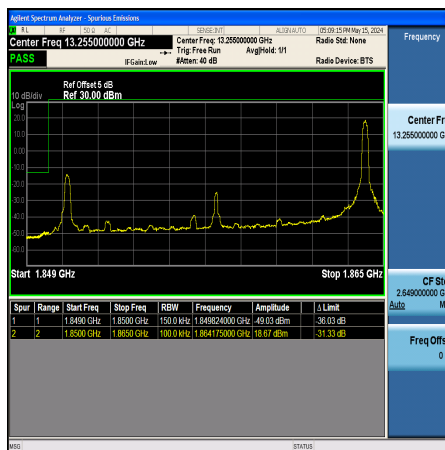
Band25_15MHz_QPSK_26115_1RB#0



Band25_15MHz_16QAM_26115_1RB#0



Band25_15MHz_QPSK_26115_1RB#74



Band25_15MHz_16QAM_26115_1RB#74