

Appendix for Band 25

Product Name: CelluCORE 24

Model No: 119906

Appendix A: Average Power Output Data for M1

Test Result

Band	Bandwidth	Channel	Modulation	RB Size	RB Start	Result(dBm)	Verdict
Band25	1.4MHz	26047	QPSK	1	0	22.08	PASS
Band25	1.4MHz	26047	QPSK	1	5	21.98	PASS
Band25	1.4MHz	26047	QPSK	6	0	20.56	PASS
Band25	1.4MHz	26365	QPSK	1	0	22.04	PASS
Band25	1.4MHz	26365	QPSK	1	5	21.80	PASS
Band25	1.4MHz	26365	QPSK	6	0	20.45	PASS
Band25	1.4MHz	26683	QPSK	1	0	22.08	PASS
Band25	1.4MHz	26683	QPSK	1	5	21.93	PASS
Band25	1.4MHz	26683	QPSK	6	0	20.56	PASS
Band25	1.4MHz	26047	16QAM	1	0	21.04	PASS
Band25	1.4MHz	26047	16QAM	1	5	20.83	PASS
Band25	1.4MHz	26047	16QAM	6	0	20.98	PASS
Band25	1.4MHz	26365	16QAM	1	0	20.82	PASS
Band25	1.4MHz	26365	16QAM	1	5	20.66	PASS
Band25	1.4MHz	26365	16QAM	6	0	20.88	PASS
Band25	1.4MHz	26683	16QAM	1	0	21.13	PASS
Band25	1.4MHz	26683	16QAM	1	5	21.03	PASS
Band25	1.4MHz	26683	16QAM	6	0	20.98	PASS
Band25	3MHz	26055	QPSK	1	0	22.03	PASS
Band25	3MHz	26055	QPSK	1	5	21.81	PASS
Band25	3MHz	26055	QPSK	6	0	20.98	PASS
Band25	3MHz	26365	QPSK	1	0	22.05	PASS
Band25	3MHz	26365	QPSK	1	5	21.91	PASS
Band25	3MHz	26365	QPSK	6	0	20.93	PASS
Band25	3MHz	26675	QPSK	1	0	22.05	PASS
Band25	3MHz	26675	QPSK	1	5	21.85	PASS
Band25	3MHz	26675	QPSK	6	0	20.43	PASS
Band25	3MHz	26055	16QAM	1	0	20.75	PASS
Band25	3MHz	26055	16QAM	1	5	20.55	PASS
Band25	3MHz	26055	16QAM	6	0	20.92	PASS
Band25	3MHz	26365	16QAM	1	0	21.03	PASS
Band25	3MHz	26365	16QAM	1	5	20.90	PASS
Band25	3MHz	26365	16QAM	6	0	20.75	PASS
Band25	3MHz	26675	16QAM	1	0	21.14	PASS
Band25	3MHz	26675	16QAM	1	5	20.97	PASS

Band25	3MHz	26675	16QAM	6	0	20.85	PASS
Band25	5MHz	26065	QPSK	1	0	22.07	PASS
Band25	5MHz	26065	QPSK	1	5	21.62	PASS
Band25	5MHz	26065	QPSK	6	0	20.84	PASS
Band25	5MHz	26365	QPSK	1	0	22.17	PASS
Band25	5MHz	26365	QPSK	1	5	22.05	PASS
Band25	5MHz	26365	QPSK	6	0	21.07	PASS
Band25	5MHz	26665	QPSK	1	0	22.14	PASS
Band25	5MHz	26665	QPSK	1	5	21.92	PASS
Band25	5MHz	26665	QPSK	6	0	20.67	PASS
Band25	5MHz	26065	16QAM	1	0	21.67	PASS
Band25	5MHz	26065	16QAM	1	5	21.45	PASS
Band25	5MHz	26065	16QAM	6	0	20.92	PASS
Band25	5MHz	26365	16QAM	1	0	22.18	PASS
Band25	5MHz	26365	16QAM	1	5	22.05	PASS
Band25	5MHz	26365	16QAM	6	0	20.95	PASS
Band25	5MHz	26665	16QAM	1	0	21.88	PASS
Band25	5MHz	26665	16QAM	1	5	21.67	PASS
Band25	5MHz	26665	16QAM	6	0	20.92	PASS
Band25	10MHz	26090	QPSK	1	0	21.95	PASS
Band25	10MHz	26090	QPSK	1	5	21.73	PASS
Band25	10MHz	26090	QPSK	6	0	20.94	PASS
Band25	10MHz	26365	QPSK	1	0	22.17	PASS
Band25	10MHz	26365	QPSK	1	5	21.95	PASS
Band25	10MHz	26365	QPSK	6	0	21.05	PASS
Band25	10MHz	26640	QPSK	1	0	22.26	PASS
Band25	10MHz	26640	QPSK	1	5	21.99	PASS
Band25	10MHz	26640	QPSK	6	0	20.82	PASS
Band25	10MHz	26090	16QAM	1	0	21.76	PASS
Band25	10MHz	26090	16QAM	1	5	21.62	PASS
Band25	10MHz	26090	16QAM	6	0	20.94	PASS
Band25	10MHz	26365	16QAM	1	0	22.20	PASS
Band25	10MHz	26365	16QAM	1	5	22.04	PASS
Band25	10MHz	26365	16QAM	6	0	20.93	PASS
Band25	10MHz	26640	16QAM	1	0	21.88	PASS
Band25	10MHz	26640	16QAM	1	5	21.64	PASS
Band25	10MHz	26640	16QAM	6	0	21.00	PASS
Band25	15MHz	26115	QPSK	1	0	22.15	PASS
Band25	15MHz	26115	QPSK	1	5	21.95	PASS
Band25	15MHz	26115	QPSK	6	0	21.91	PASS
Band25	15MHz	26365	QPSK	1	0	22.24	PASS
Band25	15MHz	26365	QPSK	1	5	22.02	PASS

Band25	15MHz	26365	QPSK	6	0	21.98	PASS
Band25	15MHz	26615	QPSK	1	0	22.30	PASS
Band25	15MHz	26615	QPSK	1	5	22.04	PASS
Band25	15MHz	26615	QPSK	6	0	21.75	PASS
Band25	15MHz	26115	16QAM	1	0	21.85	PASS
Band25	15MHz	26115	16QAM	1	5	21.58	PASS
Band25	15MHz	26115	16QAM	6	0	21.96	PASS
Band25	15MHz	26365	16QAM	1	0	22.32	PASS
Band25	15MHz	26365	16QAM	1	5	22.05	PASS
Band25	15MHz	26365	16QAM	6	0	21.98	PASS
Band25	15MHz	26615	16QAM	1	0	21.99	PASS
Band25	15MHz	26615	16QAM	1	5	21.73	PASS
Band25	15MHz	26615	16QAM	6	0	21.93	PASS
Band25	20MHz	26140	QPSK	1	0	22.33	PASS
Band25	20MHz	26140	QPSK	1	5	21.99	PASS
Band25	20MHz	26140	QPSK	6	0	22.16	PASS
Band25	20MHz	26365	QPSK	1	0	22.52	PASS
Band25	20MHz	26365	QPSK	1	5	22.33	PASS
Band25	20MHz	26365	QPSK	6	0	22.35	PASS
Band25	20MHz	26590	QPSK	1	0	22.58	PASS
Band25	20MHz	26590	QPSK	1	5	22.28	PASS
Band25	20MHz	26590	QPSK	6	0	21.99	PASS
Band25	20MHz	26140	16QAM	1	0	22.01	PASS
Band25	20MHz	26140	16QAM	1	5	21.82	PASS
Band25	20MHz	26140	16QAM	6	0	22.24	PASS
Band25	20MHz	26365	16QAM	1	0	22.58	PASS
Band25	20MHz	26365	16QAM	1	5	22.37	PASS
Band25	20MHz	26365	16QAM	6	0	22.19	PASS
Band25	20MHz	26590	16QAM	1	0	22.13	PASS
Band25	20MHz	26590	16QAM	1	5	21.96	PASS
Band25	20MHz	26590	16QAM	6	0	22.21	PASS

Appendix B: Peak-to-Average Ratio(CCDF) for M1

Test Result

Band	Bandwidth	Channel	Channel Modulation	RB Size	RB Start	NBIndex	Result(dB)	Limit(dB)	Verdict
Band25	1.4MHz	26047	QPSK	1	0	Low	8.38	<=13	PASS
Band25	1.4MHz	26047	QPSK	6	0	Low	10.19	<=13	PASS
Band25	1.4MHz	26365	QPSK	1	0	Low	8.27	<=13	PASS
Band25	1.4MHz	26365	QPSK	6	0	Low	10.91	<=13	PASS
Band25	1.4MHz	26683	QPSK	1	0	High	9.28	<=13	PASS
Band25	1.4MHz	26683	QPSK	6	0	High	11.00	<=13	PASS
Band25	1.4MHz	26047	16QAM	1	0	Low	8.84	<=13	PASS
Band25	1.4MHz	26047	16QAM	6	0	Low	10.88	<=13	PASS
Band25	1.4MHz	26365	16QAM	1	0	Low	8.58	<=13	PASS
Band25	1.4MHz	26365	16QAM	6	0	Low	9.21	<=13	PASS
Band25	1.4MHz	26683	16QAM	1	0	High	11.94	<=13	PASS
Band25	1.4MHz	26683	16QAM	6	0	High	9.65	<=13	PASS
Band25	3MHz	26055	QPSK	1	0	Low	9.23	<=13	PASS
Band25	3MHz	26055	QPSK	6	0	Low	9.24	<=13	PASS
Band25	3MHz	26365	QPSK	1	0	Low	9.46	<=13	PASS
Band25	3MHz	26365	QPSK	6	0	Low	9.59	<=13	PASS
Band25	3MHz	26675	QPSK	1	0	High	9.25	<=13	PASS
Band25	3MHz	26675	QPSK	6	0	High	10.68	<=13	PASS
Band25	3MHz	26055	16QAM	1	0	Low	10.06	<=13	PASS
Band25	3MHz	26055	16QAM	6	0	Low	8.89	<=13	PASS
Band25	3MHz	26365	16QAM	1	0	Low	10.09	<=13	PASS
Band25	3MHz	26365	16QAM	6	0	Low	10.60	<=13	PASS
Band25	3MHz	26675	16QAM	1	0	High	10.21	<=13	PASS
Band25	3MHz	26675	16QAM	6	0	High	8.81	<=13	PASS
Band25	5MHz	26065	QPSK	1	0	Low	9.06	<=13	PASS
Band25	5MHz	26065	QPSK	6	0	Low	9.18	<=13	PASS
Band25	5MHz	26365	QPSK	1	0	Low	9.00	<=13	PASS
Band25	5MHz	26365	QPSK	6	0	Low	9.40	<=13	PASS
Band25	5MHz	26665	QPSK	1	0	High	9.51	<=13	PASS
Band25	5MHz	26665	QPSK	6	0	High	10.63	<=13	PASS
Band25	5MHz	26065	16QAM	1	0	Low	8.89	<=13	PASS
Band25	5MHz	26065	16QAM	6	0	Low	8.49	<=13	PASS
Band25	5MHz	26365	16QAM	1	0	Low	9.55	<=13	PASS
Band25	5MHz	26365	16QAM	6	0	Low	8.82	<=13	PASS

Band25	5MHz	26665	16QAM	1	0	High	9.61	<=13	PASS
Band25	5MHz	26665	16QAM	6	0	High	9.53	<=13	PASS
Band25	10MHz	26090	QPSK	1	0	Low	7.34	<=13	PASS
Band25	10MHz	26090	QPSK	6	0	Low	10.53	<=13	PASS
Band25	10MHz	26365	QPSK	1	0	Low	10.48	<=13	PASS
Band25	10MHz	26365	QPSK	6	0	Low	9.49	<=13	PASS
Band25	10MHz	26640	QPSK	1	0	High	8.93	<=13	PASS
Band25	10MHz	26640	QPSK	6	0	High	8.80	<=13	PASS
Band25	10MHz	26090	16QAM	1	0	Low	10.48	<=13	PASS
Band25	10MHz	26090	16QAM	6	0	Low	8.45	<=13	PASS
Band25	10MHz	26365	16QAM	1	0	Low	9.67	<=13	PASS
Band25	10MHz	26365	16QAM	6	0	Low	8.81	<=13	PASS
Band25	10MHz	26640	16QAM	1	0	High	8.97	<=13	PASS
Band25	10MHz	26640	16QAM	6	0	High	10.97	<=13	PASS
Band25	15MHz	26115	QPSK	1	0	Low	8.89	<=13	PASS
Band25	15MHz	26115	QPSK	6	0	Low	8.60	<=13	PASS
Band25	15MHz	26365	QPSK	1	0	Low	10.69	<=13	PASS
Band25	15MHz	26365	QPSK	6	0	Low	8.96	<=13	PASS
Band25	15MHz	26615	QPSK	1	0	High	8.48	<=13	PASS
Band25	15MHz	26615	QPSK	6	0	High	9.23	<=13	PASS
Band25	15MHz	26115	16QAM	1	0	Low	8.65	<=13	PASS
Band25	15MHz	26115	16QAM	6	0	Low	9.42	<=13	PASS
Band25	15MHz	26365	16QAM	1	0	Low	10.31	<=13	PASS
Band25	15MHz	26365	16QAM	6	0	Low	7.89	<=13	PASS
Band25	15MHz	26615	16QAM	1	0	High	8.30	<=13	PASS
Band25	15MHz	26615	16QAM	6	0	High	9.30	<=13	PASS
Band25	20MHz	26140	QPSK	1	0	Low	8.89	<=13	PASS
Band25	20MHz	26140	QPSK	6	0	Low	8.95	<=13	PASS
Band25	20MHz	26365	QPSK	1	0	Low	8.98	<=13	PASS
Band25	20MHz	26365	QPSK	6	0	Low	9.47	<=13	PASS
Band25	20MHz	26590	QPSK	1	0	High	8.92	<=13	PASS
Band25	20MHz	26590	QPSK	6	0	High	9.72	<=13	PASS
Band25	20MHz	26140	16QAM	1	0	Low	8.11	<=13	PASS
Band25	20MHz	26140	16QAM	6	0	Low	7.63	<=13	PASS
Band25	20MHz	26365	16QAM	1	0	Low	9.00	<=13	PASS
Band25	20MHz	26365	16QAM	6	0	Low	8.77	<=13	PASS
Band25	20MHz	26590	16QAM	1	0	High	10.28	<=13	PASS
Band25	20MHz	26590	16QAM	6	0	High	11.50	<=13	PASS

Test Graphs



Band25-1.4MHz-QPSK-26047-1-0-Low-8.38-<=13-PASS



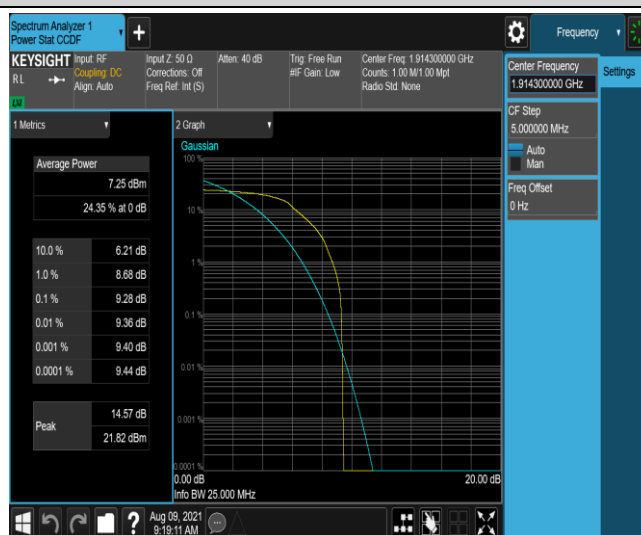
Band25-1.4MHz-QPSK-26047-6-0-Low-10.19-<=13-PASS



Band25-1.4MHz-QPSK-26365-1-0-Low-8.27-<=13-PASS



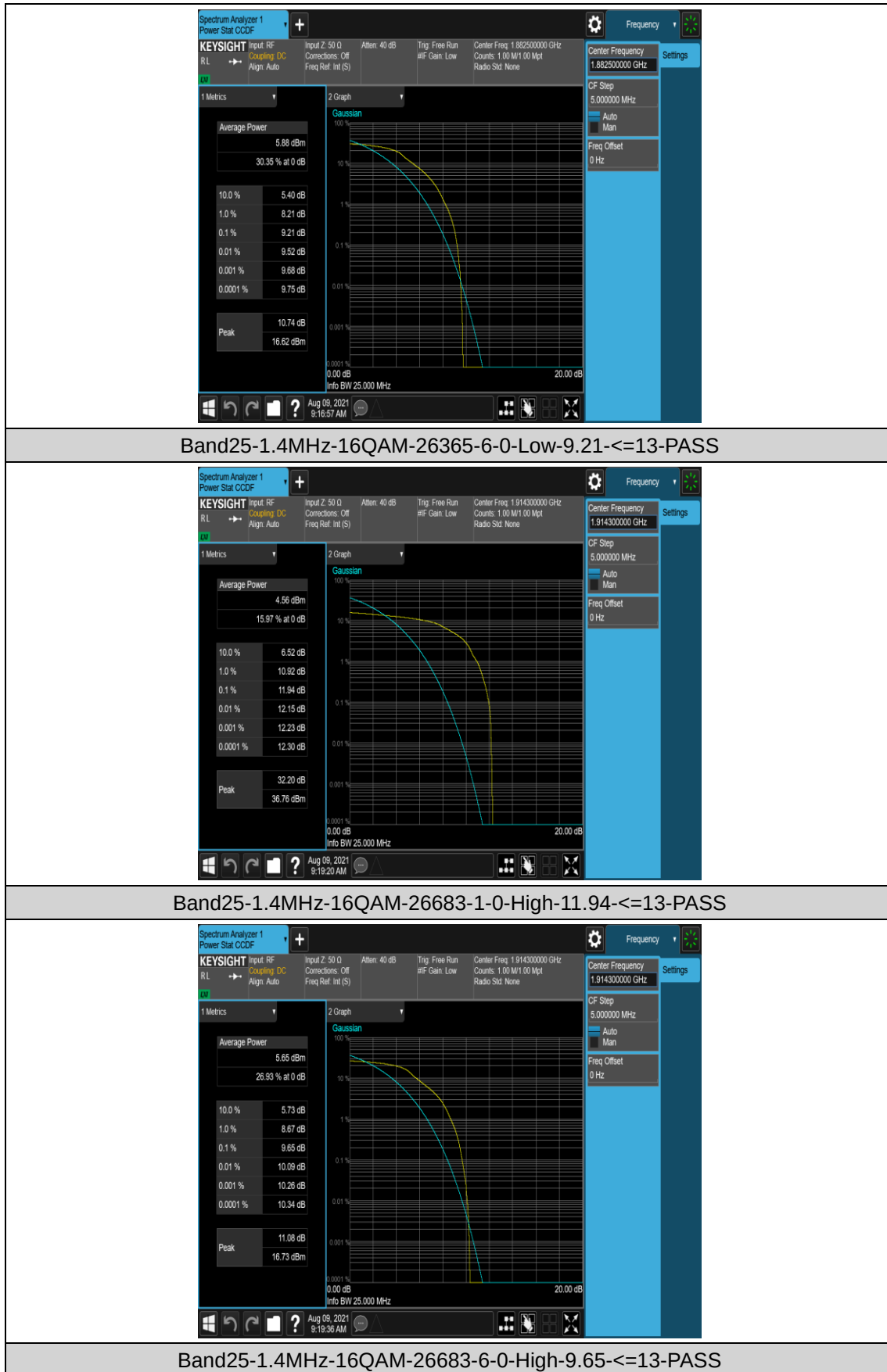
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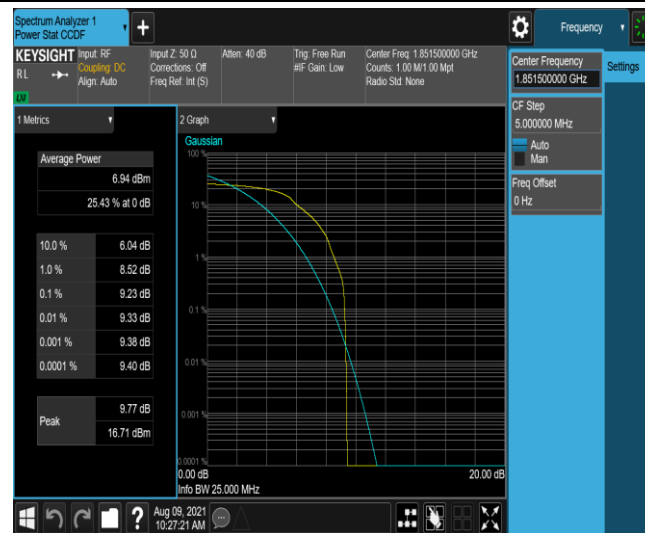


Band25-1.4MHz-QPSK-26683-1-0-High-9.28-<=13-PASS

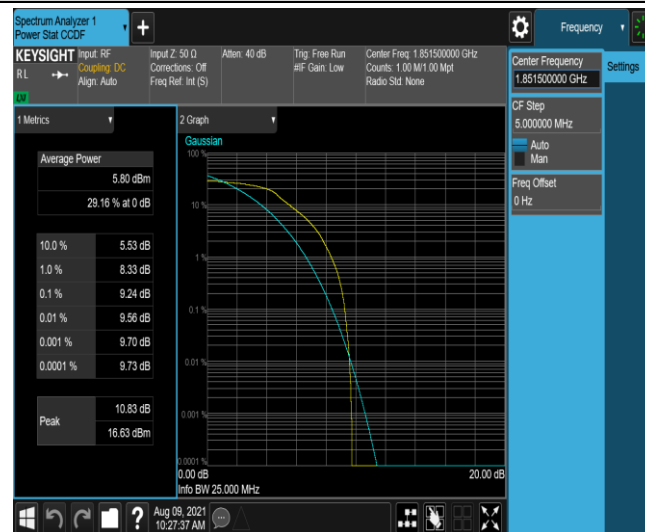


Band25-1.4MHz-QPSK-26683-6-0-High-11.00-<=13-PASS





Band25-3MHz-QPSK-26055-1-0-Low-9.23-<=13-PASS



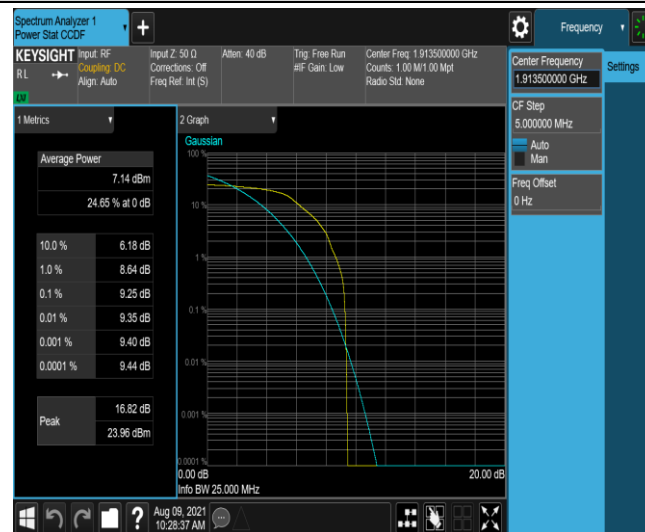
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Band25-3MHz-QPSK-26365-1-0-Low-9.46-<=13-PASS



Band25-3MHz-QPSK-26365-6-0-Low-9.59-<=13-PASS



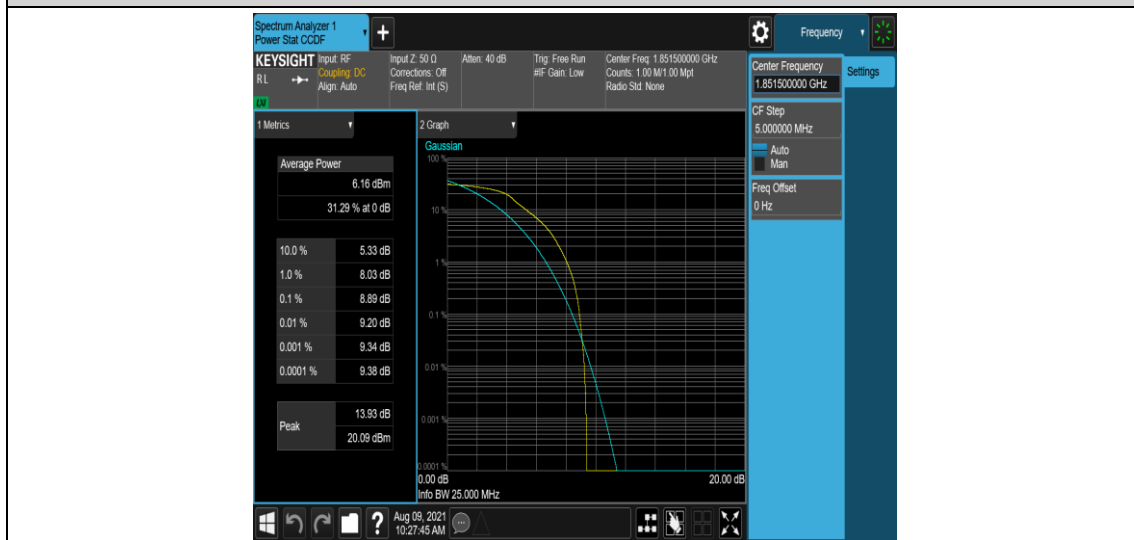
Band25-3MHz-QPSK-26675-1-0-High-9.25-<=13-PASS



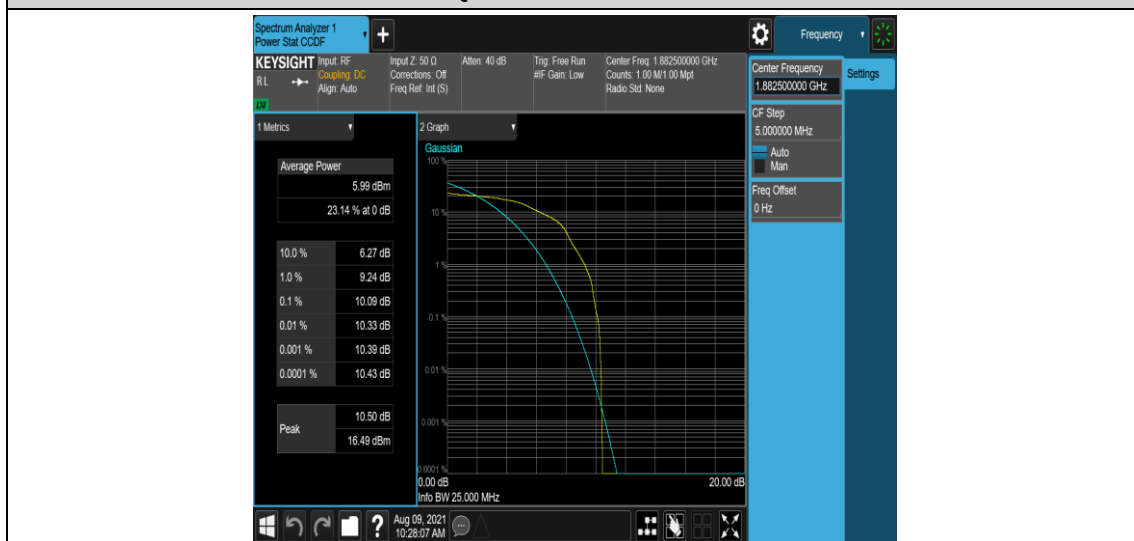
Band25-3MHz-QPSK-26675-6-0-High-10.68-<=13-PASS



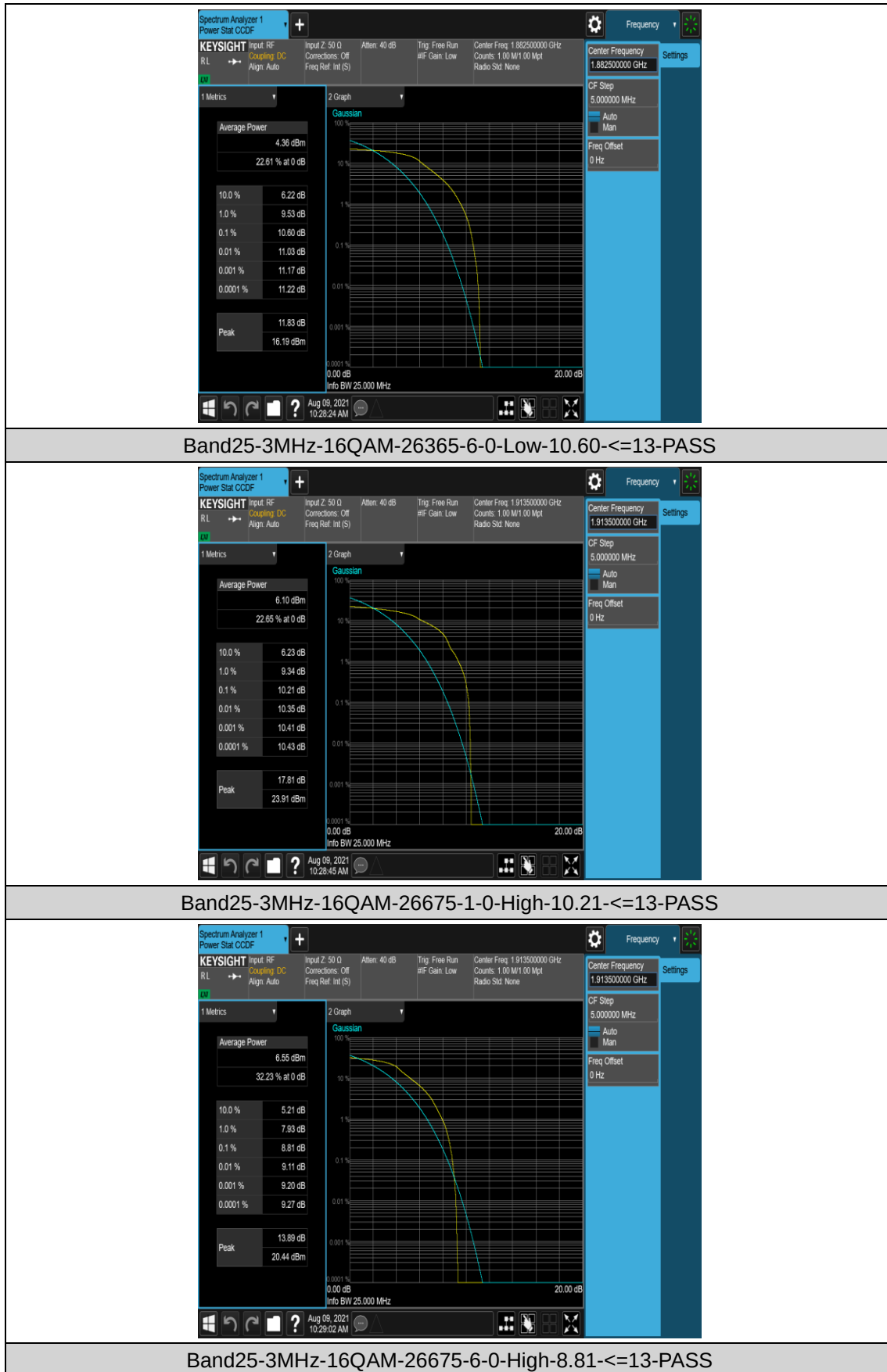
Band25-3MHz-16QAM-26055-1-0-Low-10.06-<=13-PASS

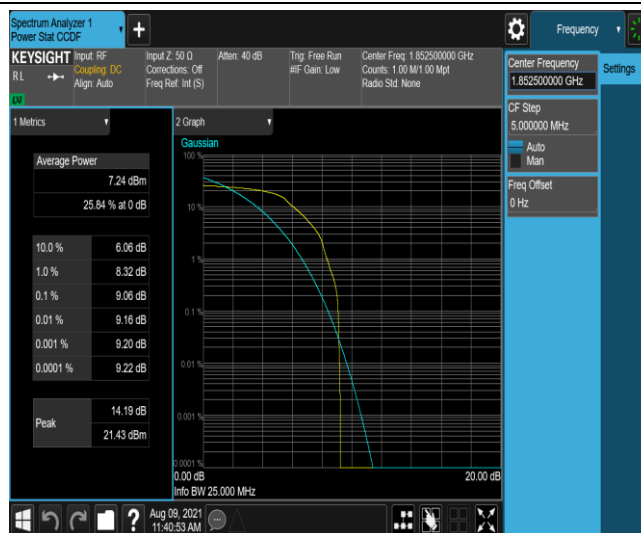


Band25-3MHz-16QAM-26055-6-0-Low-8.89-<=13-PASS

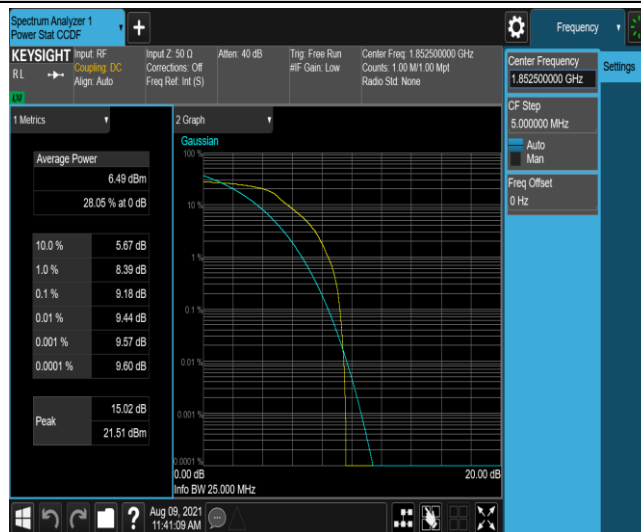


Band25-3MHz-16QAM-26365-1-0-Low-10.09-<=13-PASS

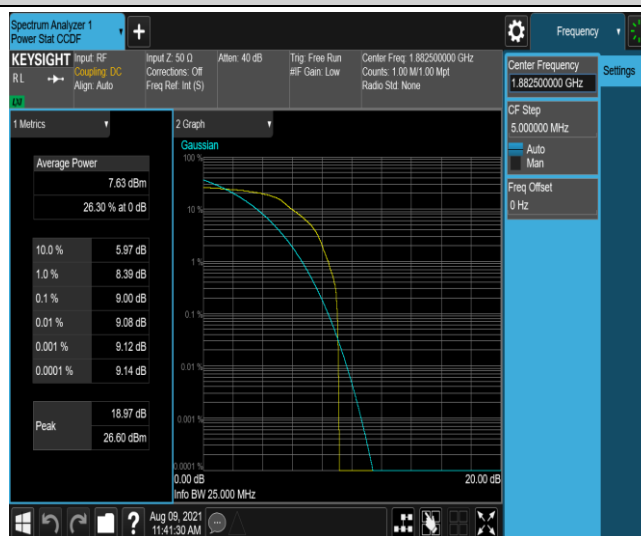




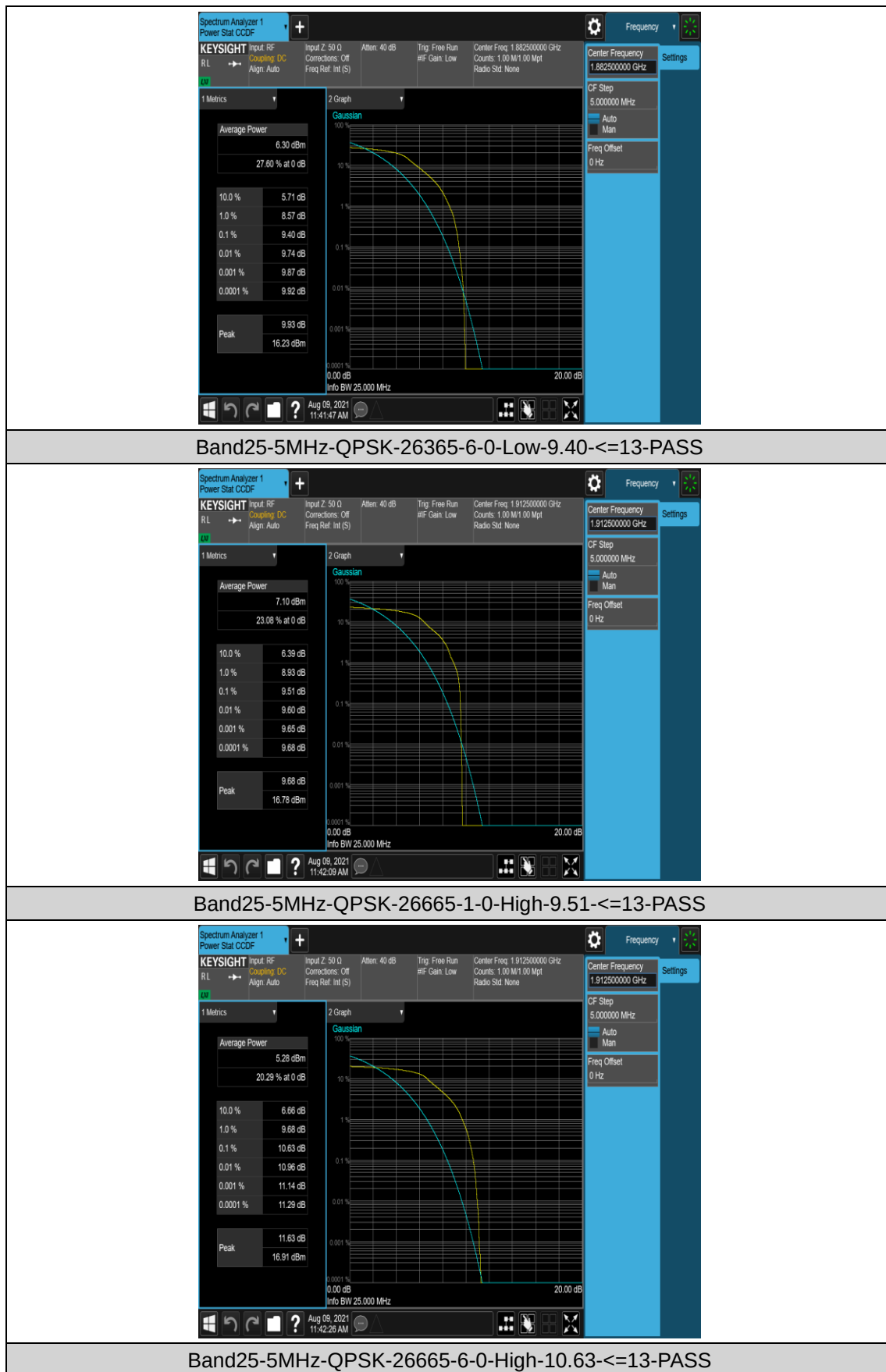
Band25-5MHz-QPSK-26065-1-0-Low-9.06-<=13-PASS

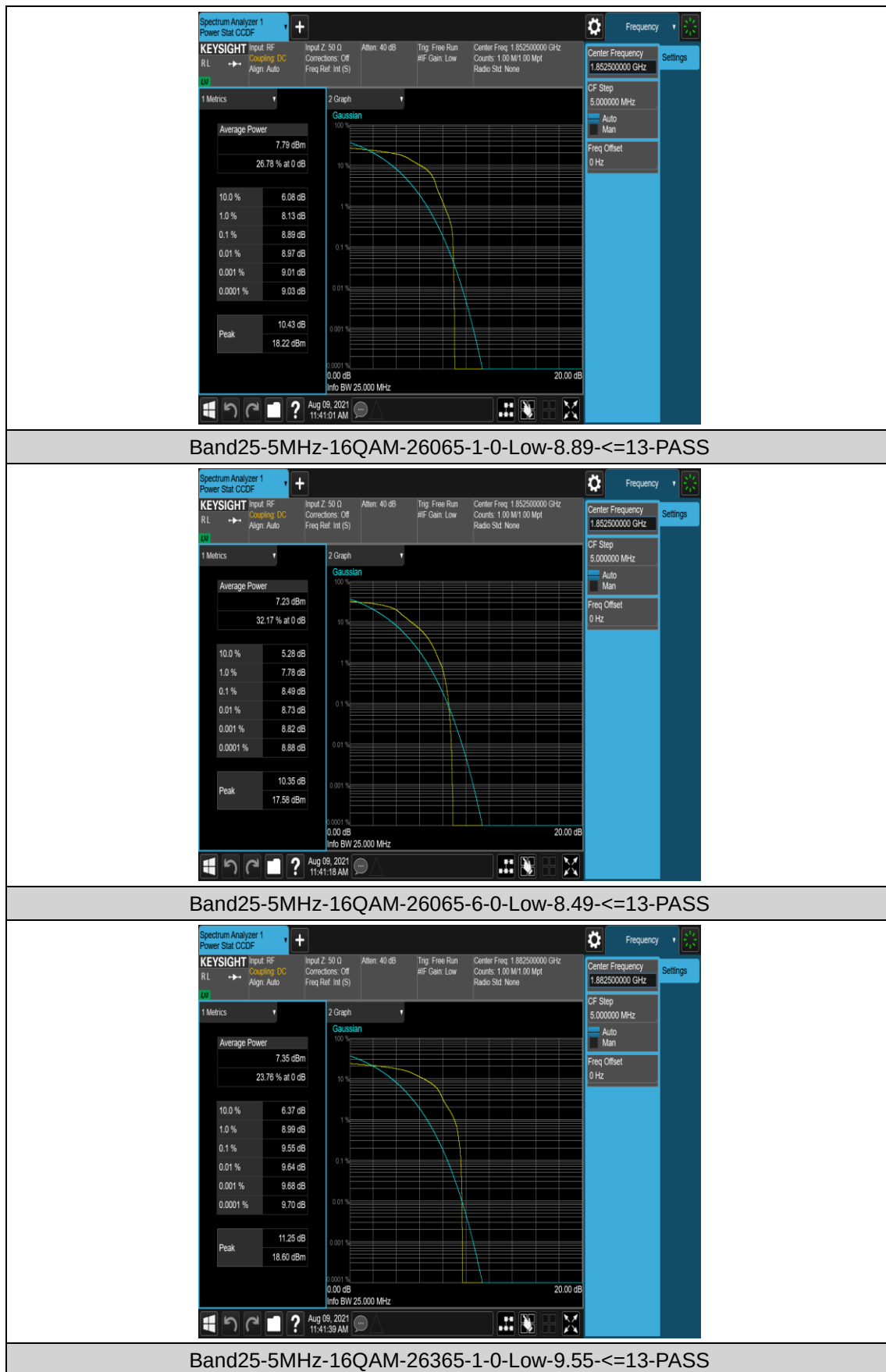


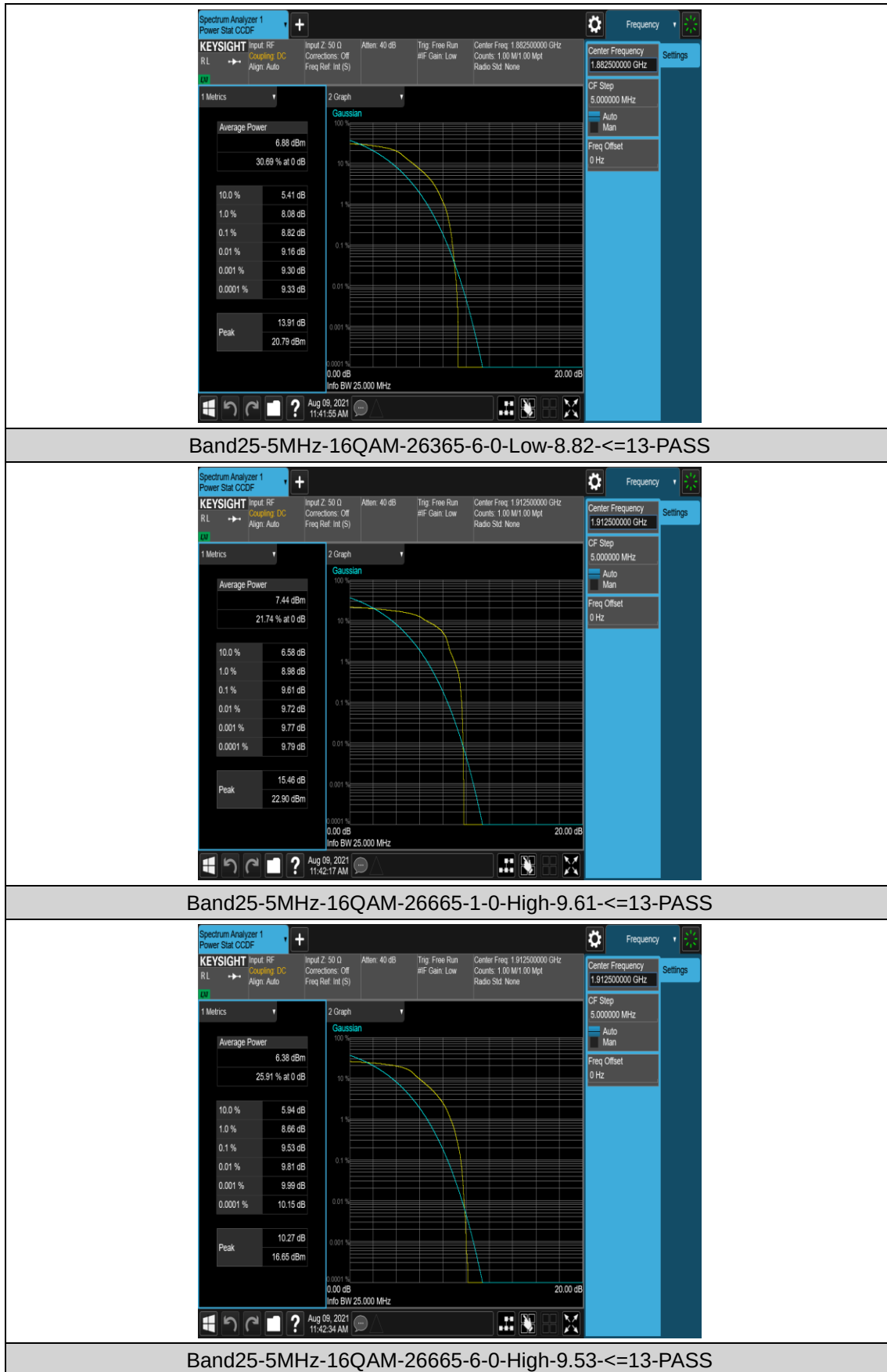
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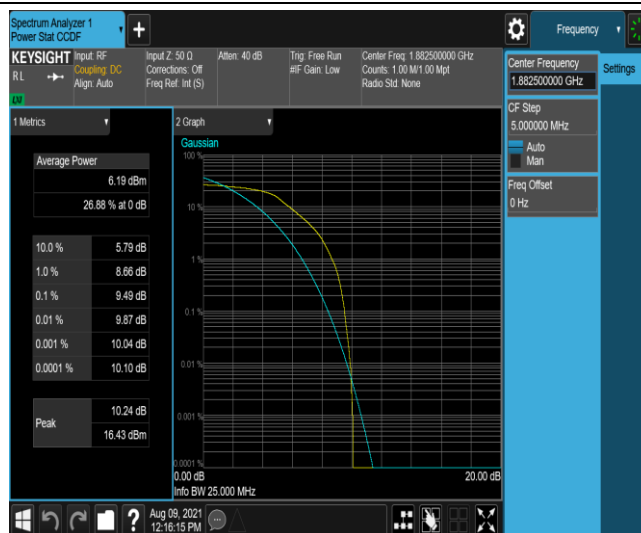


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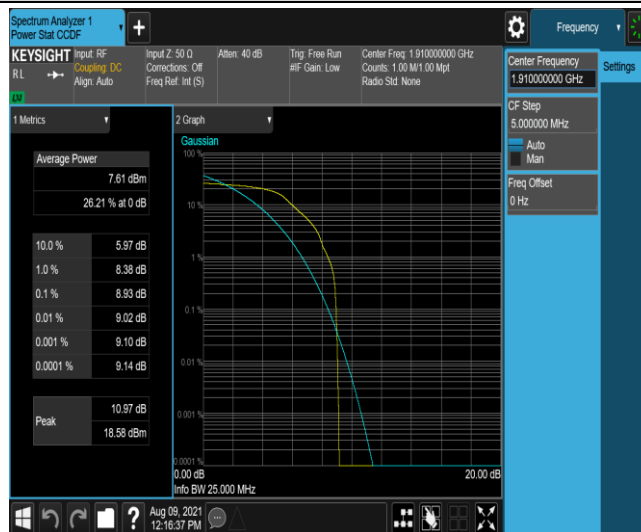




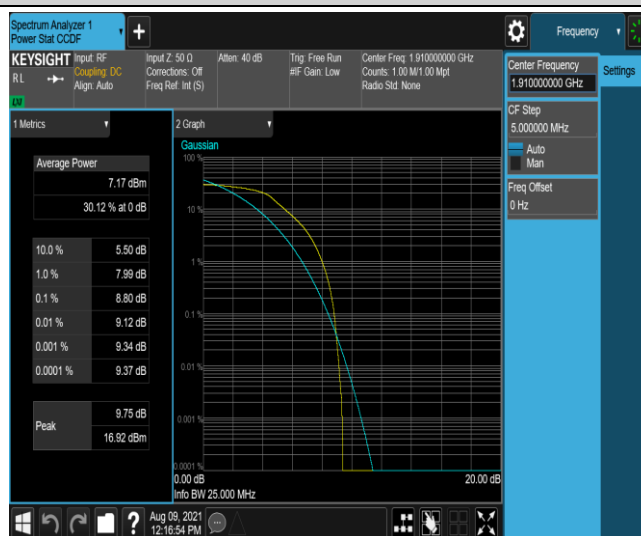




Band25-10MHz-QPSK-26365-6-0-Low-9.49-<=13-PASS



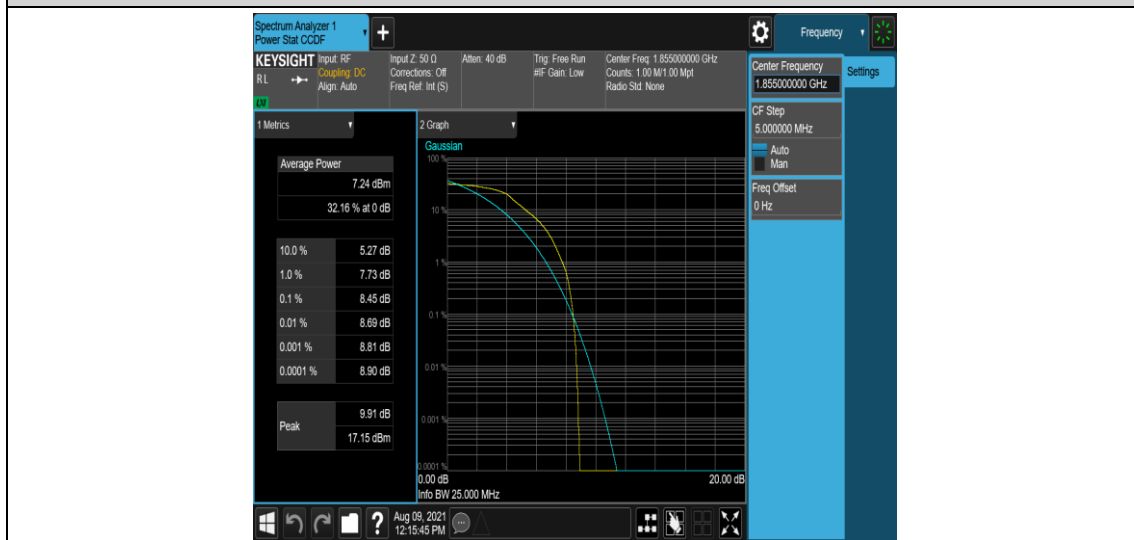
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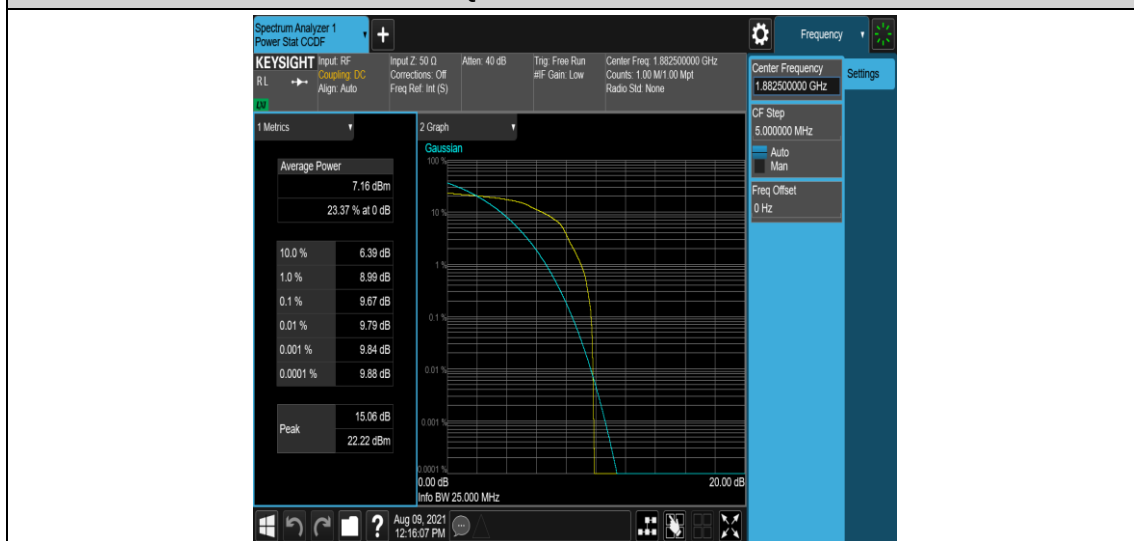
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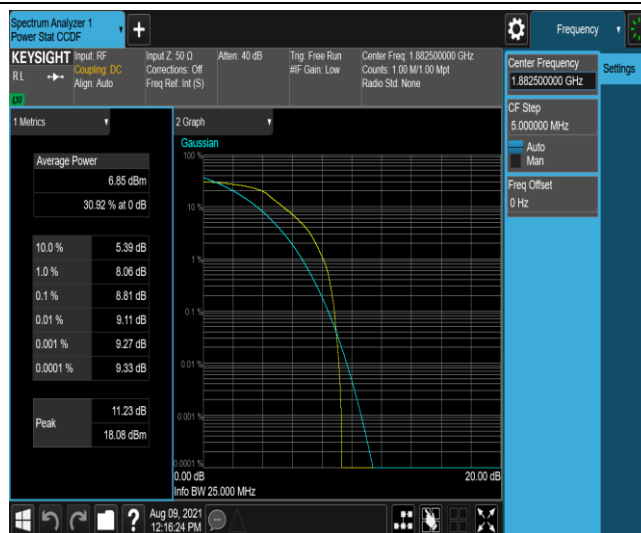
Band25-10MHz-16QAM-26090-1-0-Low-10.48-<=13-PASS



Band25-10MHz-16QAM-26090-6-0-Low-8.45-<=13-PASS



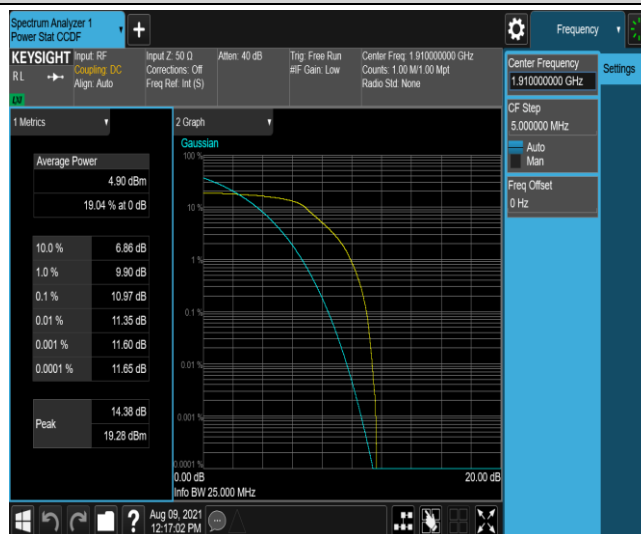
Band25-10MHz-16QAM-26365-1-0-Low-9.67-<=13-PASS



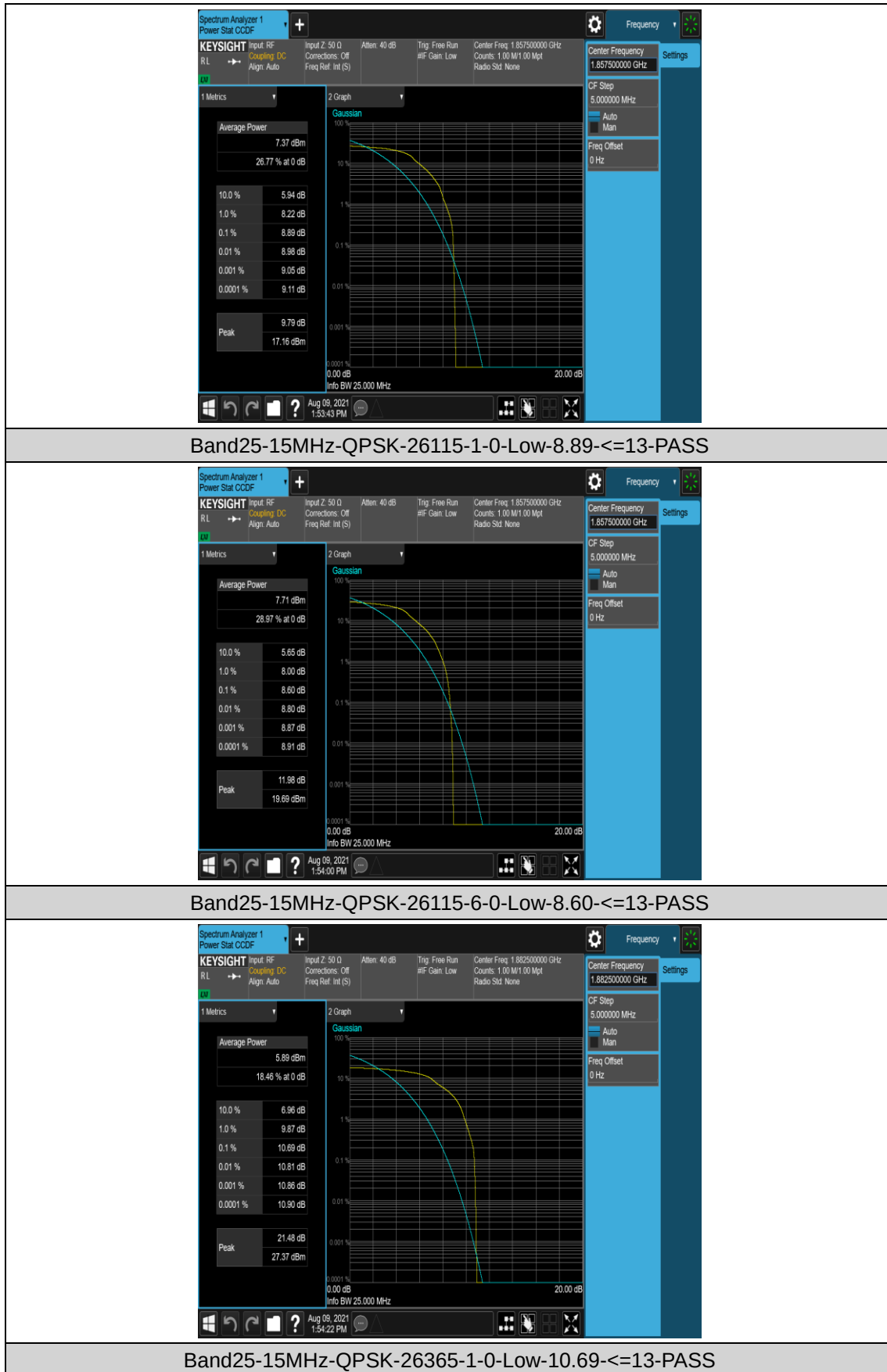
Band25-10MHz-16QAM-26365-6-0-Low-8.81-<=13-PASS

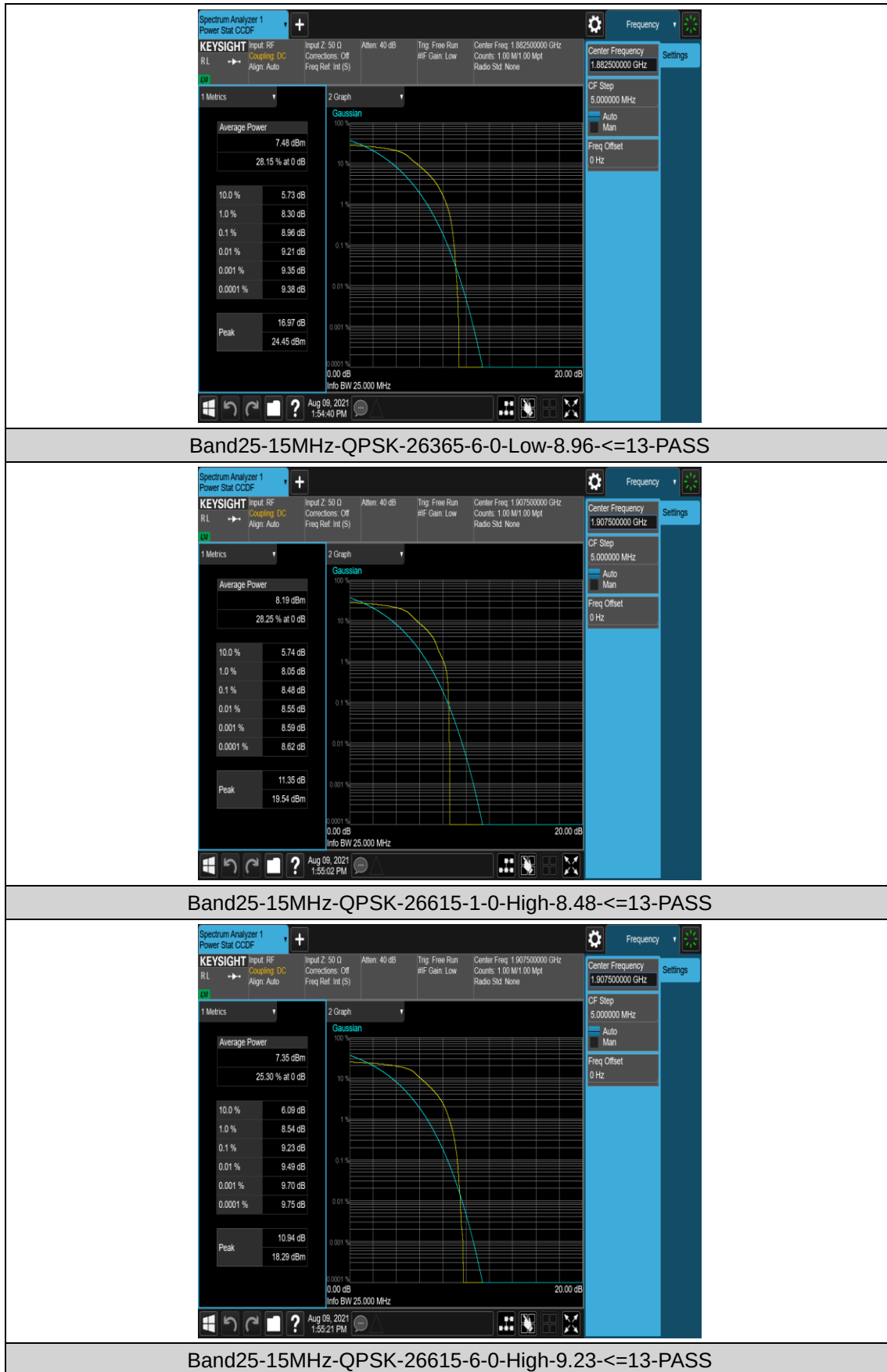


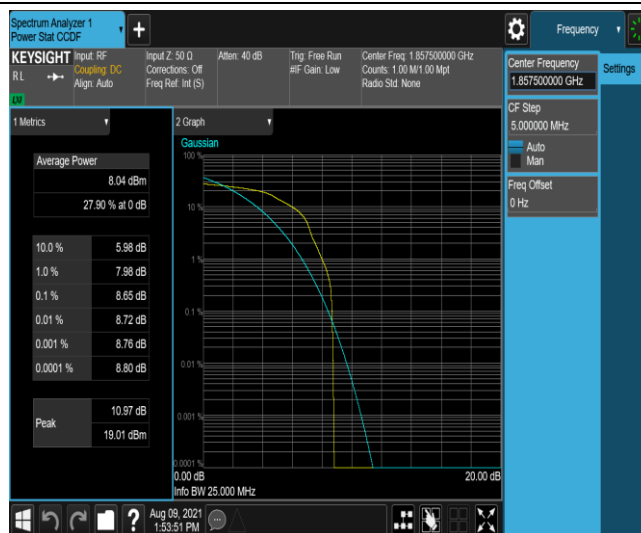
Band25-10MHz-16QAM-26640-1-0-High-8.97-<=13-PASS



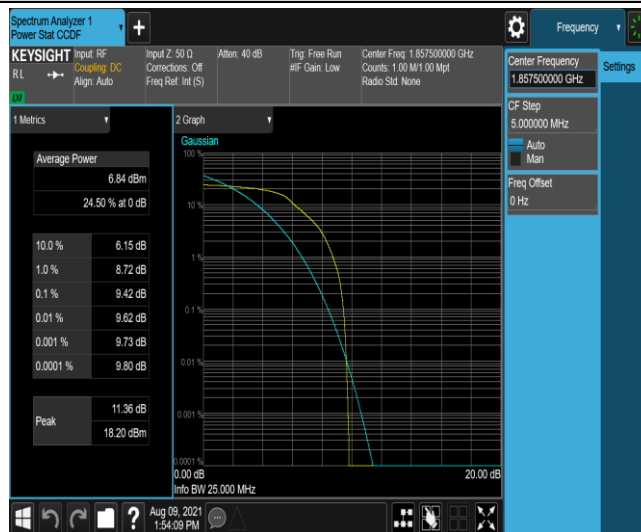
Band25-10MHz-16QAM-26640-6-0-High-10.97-<=13-PASS



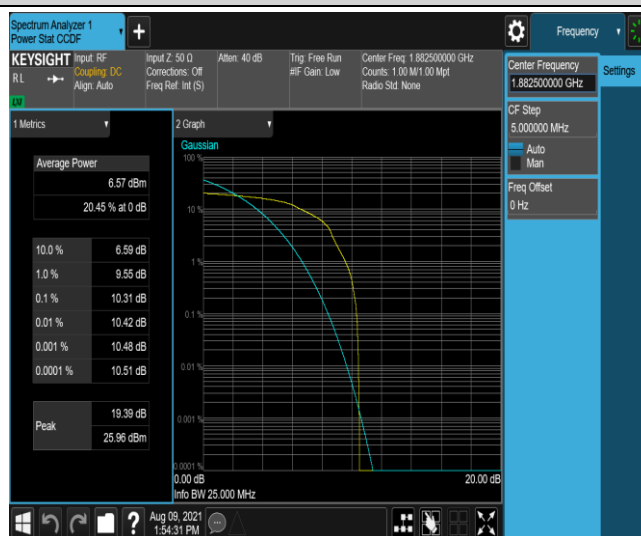




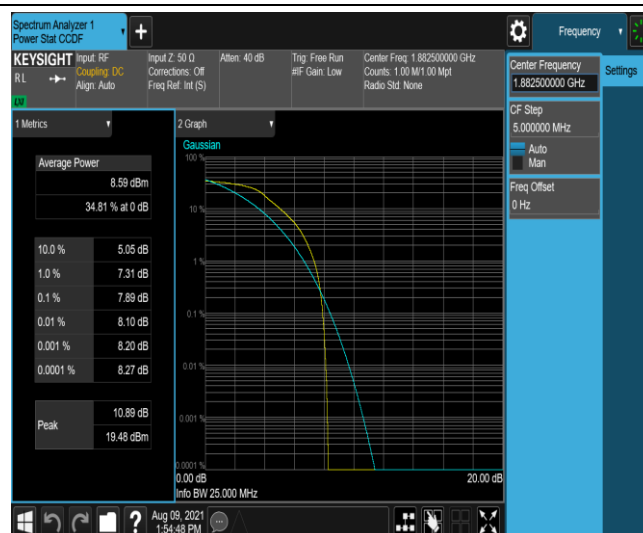
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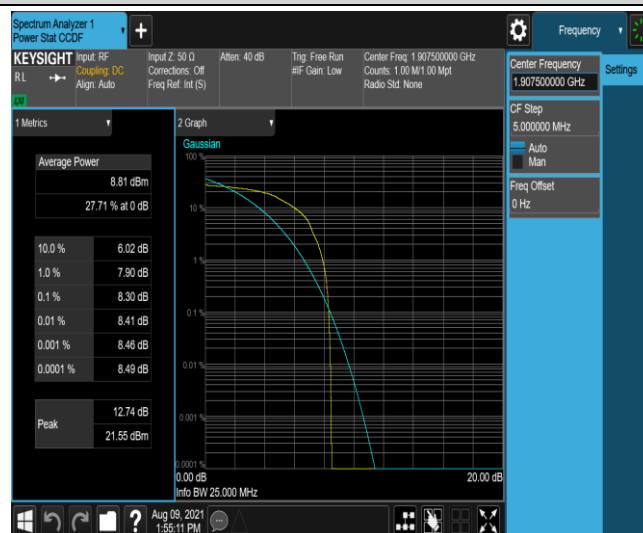
Band25-15MHz-16QAM-26115-6-0-Low-9.42-<=13-PASS



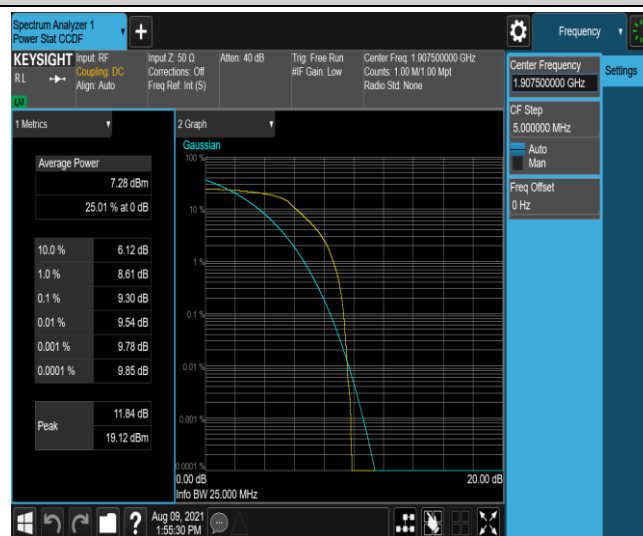
Band25-15MHz-16QAM-26365-1-0-Low-10.31-<=13-PASS



Band25-15MHz-16QAM-26365-6-0-Low-7.89-<=13-PASS



Band25-15MHz-16QAM-26615-1-0-High-8.30-<=13-PASS



Band25-15MHz-16QAM-26615-6-0-High-9.30-<=13-PASS