

Test Data for E-UTRA Band 25

EUT: <u>iMat @Weigh -30 Smart office Vending machine</u>	Test Model: <u>W80-30</u>
Ambient Condition: <u>25 °C, 45 %RH, 101.325 kPa</u>	
Test Engineer: <u>Jack Zhou</u>	

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Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Verdict
Band25	1.4MHz	QPSK	26047	1RB#0	23.44	26.25	PASS
Band25	1.4MHz	QPSK	26047	1RB#2	23.58	26.39	PASS
Band25	1.4MHz	QPSK	26047	1RB#5	23.37	26.18	PASS
Band25	1.4MHz	QPSK	26047	3RB#0	23.25	26.06	PASS
Band25	1.4MHz	QPSK	26047	3RB#1	23.31	26.12	PASS
Band25	1.4MHz	QPSK	26047	3RB#3	23.43	26.24	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	22.52	25.33	PASS
Band25	1.4MHz	QPSK	26365	1RB#0	23.05	25.86	PASS
Band25	1.4MHz	QPSK	26365	1RB#2	23.28	26.09	PASS
Band25	1.4MHz	QPSK	26365	1RB#5	23.33	26.14	PASS
Band25	1.4MHz	QPSK	26365	3RB#0	23.35	26.16	PASS
Band25	1.4MHz	QPSK	26365	3RB#1	23.32	26.13	PASS
Band25	1.4MHz	QPSK	26365	3RB#3	23.51	26.32	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	22.32	25.13	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	21.38	24.19	PASS
Band25	1.4MHz	QPSK	26683	1RB#2	20.80	23.61	PASS
Band25	1.4MHz	QPSK	26683	1RB#5	20.40	23.21	PASS
Band25	1.4MHz	QPSK	26683	3RB#0	20.94	23.75	PASS
Band25	1.4MHz	QPSK	26683	3RB#1	20.93	23.74	PASS
Band25	1.4MHz	QPSK	26683	3RB#3	20.44	23.25	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	20.55	23.36	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	22.62	25.43	PASS
Band25	1.4MHz	16QAM	26047	1RB#2	22.63	25.44	PASS
Band25	1.4MHz	16QAM	26047	1RB#5	22.56	25.37	PASS
Band25	1.4MHz	16QAM	26047	3RB#0	22.20	25.01	PASS
Band25	1.4MHz	16QAM	26047	3RB#1	22.25	25.06	PASS
Band25	1.4MHz	16QAM	26047	3RB#3	22.38	25.19	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	21.54	24.35	PASS
Band25	1.4MHz	16QAM	26365	1RB#0	22.45	25.26	PASS
Band25	1.4MHz	16QAM	26365	1RB#2	22.74	25.55	PASS
Band25	1.4MHz	16QAM	26365	1RB#5	22.61	25.42	PASS

Band25	1.4MHz	16QAM	26365	3RB#0	22.29	25.10	PASS
Band25	1.4MHz	16QAM	26365	3RB#1	22.36	25.17	PASS
Band25	1.4MHz	16QAM	26365	3RB#3	22.42	25.23	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	21.54	24.35	PASS
Band25	1.4MHz	16QAM	26683	1RB#0	20.54	23.35	PASS
Band25	1.4MHz	16QAM	26683	1RB#2	20.12	22.93	PASS
Band25	1.4MHz	16QAM	26683	1RB#5	19.67	22.48	PASS
Band25	1.4MHz	16QAM	26683	3RB#0	19.90	22.71	PASS
Band25	1.4MHz	16QAM	26683	3RB#1	19.88	22.69	PASS
Band25	1.4MHz	16QAM	26683	3RB#3	19.44	22.25	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	19.74	22.55	PASS
Band25	3MHz	QPSK	26055	1RB#0	23.61	26.42	PASS
Band25	3MHz	QPSK	26055	1RB#8	23.63	26.44	PASS
Band25	3MHz	QPSK	26055	1RB#14	23.47	26.28	PASS
Band25	3MHz	QPSK	26055	8RB#0	23.06	25.87	PASS
Band25	3MHz	QPSK	26055	8RB#4	22.97	25.78	PASS
Band25	3MHz	QPSK	26055	8RB#7	22.91	25.72	PASS
Band25	3MHz	QPSK	26055	15RB#0	22.94	25.75	PASS
Band25	3MHz	QPSK	26365	1RB#0	23.31	26.12	PASS
Band25	3MHz	QPSK	26365	1RB#8	23.39	26.20	PASS
Band25	3MHz	QPSK	26365	1RB#14	23.42	26.23	PASS
Band25	3MHz	QPSK	26365	8RB#0	22.84	25.65	PASS
Band25	3MHz	QPSK	26365	8RB#4	22.75	25.56	PASS
Band25	3MHz	QPSK	26365	8RB#7	22.78	25.59	PASS
Band25	3MHz	QPSK	26365	15RB#0	22.74	25.55	PASS
Band25	3MHz	QPSK	26675	1RB#0	21.34	24.15	PASS
Band25	3MHz	QPSK	26675	1RB#8	19.80	22.61	PASS
Band25	3MHz	QPSK	26675	1RB#14	18.98	21.79	PASS
Band25	3MHz	QPSK	26675	8RB#0	20.53	23.34	PASS
Band25	3MHz	QPSK	26675	8RB#4	20.65	23.46	PASS
Band25	3MHz	QPSK	26675	8RB#7	19.63	22.44	PASS
Band25	3MHz	QPSK	26675	15RB#0	20.12	22.93	PASS
Band25	3MHz	16QAM	26055	1RB#0	22.86	25.67	PASS
Band25	3MHz	16QAM	26055	1RB#8	22.89	25.70	PASS
Band25	3MHz	16QAM	26055	1RB#14	22.70	25.51	PASS
Band25	3MHz	16QAM	26055	8RB#0	22.19	25.00	PASS
Band25	3MHz	16QAM	26055	8RB#4	22.01	24.82	PASS

Band25	3MHz	16QAM	26055	8RB#7	22.13	24.94	PASS
Band25	3MHz	16QAM	26055	15RB#0	22.14	24.95	PASS
Band25	3MHz	16QAM	26365	1RB#0	22.42	25.23	PASS
Band25	3MHz	16QAM	26365	1RB#8	22.63	25.44	PASS
Band25	3MHz	16QAM	26365	1RB#14	22.61	25.42	PASS
Band25	3MHz	16QAM	26365	8RB#0	21.97	24.78	PASS
Band25	3MHz	16QAM	26365	8RB#4	21.96	24.77	PASS
Band25	3MHz	16QAM	26365	8RB#7	21.72	24.53	PASS
Band25	3MHz	16QAM	26365	15RB#0	21.65	24.46	PASS
Band25	3MHz	16QAM	26675	1RB#0	20.26	23.07	PASS
Band25	3MHz	16QAM	26675	1RB#8	18.76	21.57	PASS
Band25	3MHz	16QAM	26675	1RB#14	17.93	20.74	PASS
Band25	3MHz	16QAM	26675	8RB#0	19.72	22.53	PASS
Band25	3MHz	16QAM	26675	8RB#4	19.78	22.59	PASS
Band25	3MHz	16QAM	26675	8RB#7	18.68	21.49	PASS
Band25	3MHz	16QAM	26675	15RB#0	19.22	22.03	PASS
Band25	5MHz	QPSK	26065	1RB#0	23.65	26.46	PASS
Band25	5MHz	QPSK	26065	1RB#12	23.62	26.43	PASS
Band25	5MHz	QPSK	26065	1RB#24	23.30	26.11	PASS
Band25	5MHz	QPSK	26065	12RB#0	22.97	25.78	PASS
Band25	5MHz	QPSK	26065	12RB#6	22.98	25.79	PASS
Band25	5MHz	QPSK	26065	12RB#13	23.00	25.81	PASS
Band25	5MHz	QPSK	26065	25RB#0	22.90	25.71	PASS
Band25	5MHz	QPSK	26365	1RB#0	23.17	25.98	PASS
Band25	5MHz	QPSK	26365	1RB#12	23.43	26.24	PASS
Band25	5MHz	QPSK	26365	1RB#24	23.42	26.23	PASS
Band25	5MHz	QPSK	26365	12RB#0	22.83	25.64	PASS
Band25	5MHz	QPSK	26365	12RB#6	22.84	25.65	PASS
Band25	5MHz	QPSK	26365	12RB#13	22.85	25.66	PASS
Band25	5MHz	QPSK	26365	25RB#0	22.77	25.58	PASS
Band25	5MHz	QPSK	26665	1RB#0	22.32	25.13	PASS
Band25	5MHz	QPSK	26665	1RB#12	20.86	23.67	PASS
Band25	5MHz	QPSK	26665	1RB#24	18.97	21.78	PASS
Band25	5MHz	QPSK	26665	12RB#0	21.59	24.40	PASS
Band25	5MHz	QPSK	26665	12RB#6	21.60	24.41	PASS
Band25	5MHz	QPSK	26665	12RB#13	19.85	22.66	PASS
Band25	5MHz	QPSK	26665	25RB#0	20.86	23.67	PASS

Band25	5MHz	16QAM	26065	1RB#0	22.69	25.50	PASS
Band25	5MHz	16QAM	26065	1RB#12	22.70	25.51	PASS
Band25	5MHz	16QAM	26065	1RB#24	22.41	25.22	PASS
Band25	5MHz	16QAM	26065	12RB#0	21.97	24.78	PASS
Band25	5MHz	16QAM	26065	12RB#6	21.88	24.69	PASS
Band25	5MHz	16QAM	26065	12RB#13	21.91	24.72	PASS
Band25	5MHz	16QAM	26065	25RB#0	22.09	24.90	PASS
Band25	5MHz	16QAM	26365	1RB#0	22.39	25.20	PASS
Band25	5MHz	16QAM	26365	1RB#12	22.70	25.51	PASS
Band25	5MHz	16QAM	26365	1RB#24	22.69	25.50	PASS
Band25	5MHz	16QAM	26365	12RB#0	21.91	24.72	PASS
Band25	5MHz	16QAM	26365	12RB#6	21.90	24.71	PASS
Band25	5MHz	16QAM	26365	12RB#13	21.94	24.75	PASS
Band25	5MHz	16QAM	26365	25RB#0	21.84	24.65	PASS
Band25	5MHz	16QAM	26665	1RB#0	21.32	24.13	PASS
Band25	5MHz	16QAM	26665	1RB#12	19.95	22.76	PASS
Band25	5MHz	16QAM	26665	1RB#24	18.03	20.84	PASS
Band25	5MHz	16QAM	26665	12RB#0	20.76	23.57	PASS
Band25	5MHz	16QAM	26665	12RB#6	20.80	23.61	PASS
Band25	5MHz	16QAM	26665	12RB#13	19.02	21.83	PASS
Band25	5MHz	16QAM	26665	25RB#0	20.00	22.81	PASS
Band25	10MHz	QPSK	26090	1RB#0	22.80	25.61	PASS
Band25	10MHz	QPSK	26090	1RB#24	23.32	26.13	PASS
Band25	10MHz	QPSK	26090	1RB#49	22.08	24.89	PASS
Band25	10MHz	QPSK	26090	25RB#0	23.17	25.98	PASS
Band25	10MHz	QPSK	26090	25RB#12	23.05	25.86	PASS
Band25	10MHz	QPSK	26090	25RB#25	22.75	25.56	PASS
Band25	10MHz	QPSK	26090	50RB#0	22.96	25.77	PASS
Band25	10MHz	QPSK	26365	1RB#0	22.11	24.92	PASS
Band25	10MHz	QPSK	26365	1RB#24	23.36	26.17	PASS
Band25	10MHz	QPSK	26365	1RB#49	22.70	25.51	PASS
Band25	10MHz	QPSK	26365	25RB#0	22.81	25.62	PASS
Band25	10MHz	QPSK	26365	25RB#12	22.79	25.60	PASS
Band25	10MHz	QPSK	26365	25RB#25	23.12	25.93	PASS
Band25	10MHz	QPSK	26365	50RB#0	22.75	25.56	PASS
Band25	10MHz	QPSK	26640	1RB#0	21.58	24.39	PASS
Band25	10MHz	QPSK	26640	1RB#24	22.34	25.15	PASS

Band25	10MHz	QPSK	26640	1RB#49	18.34	21.15	PASS
Band25	10MHz	QPSK	26640	25RB#0	22.01	24.82	PASS
Band25	10MHz	QPSK	26640	25RB#12	21.98	24.79	PASS
Band25	10MHz	QPSK	26640	25RB#25	20.83	23.64	PASS
Band25	10MHz	QPSK	26640	50RB#0	21.46	24.27	PASS
Band25	10MHz	16QAM	26090	1RB#0	22.04	24.85	PASS
Band25	10MHz	16QAM	26090	1RB#24	22.53	25.34	PASS
Band25	10MHz	16QAM	26090	1RB#49	21.33	24.14	PASS
Band25	10MHz	16QAM	26090	25RB#0	22.05	24.86	PASS
Band25	10MHz	16QAM	26090	25RB#12	22.12	24.93	PASS
Band25	10MHz	16QAM	26090	25RB#25	21.86	24.67	PASS
Band25	10MHz	16QAM	26090	50RB#0	22.03	24.84	PASS
Band25	10MHz	16QAM	26365	1RB#0	21.40	24.21	PASS
Band25	10MHz	16QAM	26365	1RB#24	22.59	25.40	PASS
Band25	10MHz	16QAM	26365	1RB#49	21.96	24.77	PASS
Band25	10MHz	16QAM	26365	25RB#0	21.93	24.74	PASS
Band25	10MHz	16QAM	26365	25RB#12	21.91	24.72	PASS
Band25	10MHz	16QAM	26365	25RB#25	21.97	24.78	PASS
Band25	10MHz	16QAM	26365	50RB#0	21.87	24.68	PASS
Band25	10MHz	16QAM	26640	1RB#0	20.48	23.29	PASS
Band25	10MHz	16QAM	26640	1RB#24	21.36	24.17	PASS
Band25	10MHz	16QAM	26640	1RB#49	17.31	20.12	PASS
Band25	10MHz	16QAM	26640	25RB#0	21.12	23.93	PASS
Band25	10MHz	16QAM	26640	25RB#12	21.13	23.94	PASS
Band25	10MHz	16QAM	26640	25RB#25	20.00	22.81	PASS
Band25	10MHz	16QAM	26640	50RB#0	20.56	23.37	PASS
Band25	15MHz	QPSK	26115	1RB#0	22.78	25.59	PASS
Band25	15MHz	QPSK	26115	1RB#38	23.03	25.84	PASS
Band25	15MHz	QPSK	26115	1RB#74	21.61	24.42	PASS
Band25	15MHz	QPSK	26115	38RB#0	22.74	25.55	PASS
Band25	15MHz	QPSK	26115	38RB#18	22.69	25.50	PASS
Band25	15MHz	QPSK	26115	38RB#37	22.67	25.48	PASS
Band25	15MHz	QPSK	26115	75RB#0	22.68	25.49	PASS
Band25	15MHz	QPSK	26365	1RB#0	21.68	24.49	PASS
Band25	15MHz	QPSK	26365	1RB#38	23.26	26.07	PASS
Band25	15MHz	QPSK	26365	1RB#74	22.49	25.30	PASS
Band25	15MHz	QPSK	26365	38RB#0	22.85	25.66	PASS

Band25	15MHz	QPSK	26365	38RB#18	22.81	25.62	PASS
Band25	15MHz	QPSK	26365	38RB#37	22.79	25.60	PASS
Band25	15MHz	QPSK	26365	75RB#0	22.78	25.59	PASS
Band25	15MHz	QPSK	26615	1RB#0	21.58	24.39	PASS
Band25	15MHz	QPSK	26615	1RB#38	22.30	25.11	PASS
Band25	15MHz	QPSK	26615	1RB#74	18.37	21.18	PASS
Band25	15MHz	QPSK	26615	38RB#0	21.59	24.40	PASS
Band25	15MHz	QPSK	26615	38RB#18	21.61	24.42	PASS
Band25	15MHz	QPSK	26615	38RB#37	21.57	24.38	PASS
Band25	15MHz	QPSK	26615	75RB#0	21.56	24.37	PASS
Band25	15MHz	16QAM	26115	1RB#0	21.97	24.78	PASS
Band25	15MHz	16QAM	26115	1RB#38	22.21	25.02	PASS
Band25	15MHz	16QAM	26115	1RB#74	20.87	23.68	PASS
Band25	15MHz	16QAM	26115	38RB#0	22.70	25.51	PASS
Band25	15MHz	16QAM	26115	38RB#18	22.70	25.51	PASS
Band25	15MHz	16QAM	26115	38RB#37	22.68	25.49	PASS
Band25	15MHz	16QAM	26115	75RB#0	21.72	24.53	PASS
Band25	15MHz	16QAM	26365	1RB#0	21.01	23.82	PASS
Band25	15MHz	16QAM	26365	1RB#38	22.63	25.44	PASS
Band25	15MHz	16QAM	26365	1RB#74	21.83	24.64	PASS
Band25	15MHz	16QAM	26365	38RB#0	22.81	25.62	PASS
Band25	15MHz	16QAM	26365	38RB#18	22.80	25.61	PASS
Band25	15MHz	16QAM	26365	38RB#37	22.79	25.60	PASS
Band25	15MHz	16QAM	26365	75RB#0	21.91	24.72	PASS
Band25	15MHz	16QAM	26615	1RB#0	20.47	23.28	PASS
Band25	15MHz	16QAM	26615	1RB#38	21.31	24.12	PASS
Band25	15MHz	16QAM	26615	1RB#74	17.30	20.11	PASS
Band25	15MHz	16QAM	26615	38RB#0	21.57	24.38	PASS
Band25	15MHz	16QAM	26615	38RB#18	21.58	24.39	PASS
Band25	15MHz	16QAM	26615	38RB#37	21.61	24.42	PASS
Band25	15MHz	16QAM	26615	75RB#0	20.69	23.50	PASS
Band25	20MHz	QPSK	26140	1RB#0	22.54	25.35	PASS
Band25	20MHz	QPSK	26140	1RB#49	22.89	25.70	PASS
Band25	20MHz	QPSK	26140	1RB#99	21.25	24.06	PASS
Band25	20MHz	QPSK	26140	50RB#0	22.73	25.54	PASS
Band25	20MHz	QPSK	26140	50RB#25	22.74	25.55	PASS
Band25	20MHz	QPSK	26140	50RB#50	22.01	24.82	PASS

Band25	20MHz	QPSK	26140	100RB#0	22.40	25.21	PASS
Band25	20MHz	QPSK	26365	1RB#0	21.20	24.01	PASS
Band25	20MHz	QPSK	26365	1RB#49	23.31	26.12	PASS
Band25	20MHz	QPSK	26365	1RB#99	22.11	24.92	PASS
Band25	20MHz	QPSK	26365	50RB#0	22.39	25.20	PASS
Band25	20MHz	QPSK	26365	50RB#25	22.39	25.20	PASS
Band25	20MHz	QPSK	26365	50RB#50	22.91	25.72	PASS
Band25	20MHz	QPSK	26365	100RB#0	22.64	25.45	PASS
Band25	20MHz	QPSK	26590	1RB#0	21.68	24.49	PASS
Band25	20MHz	QPSK	26590	1RB#49	22.13	24.94	PASS
Band25	20MHz	QPSK	26590	1RB#99	18.14	20.95	PASS
Band25	20MHz	QPSK	26590	50RB#0	21.94	24.75	PASS
Band25	20MHz	QPSK	26590	50RB#25	21.94	24.75	PASS
Band25	20MHz	QPSK	26590	50RB#50	21.43	24.24	PASS
Band25	20MHz	QPSK	26590	100RB#0	21.71	24.52	PASS
Band25	20MHz	16QAM	26140	1RB#0	21.60	24.41	PASS
Band25	20MHz	16QAM	26140	1RB#49	21.96	24.77	PASS
Band25	20MHz	16QAM	26140	1RB#99	20.31	23.12	PASS
Band25	20MHz	16QAM	26140	50RB#0	21.80	24.61	PASS
Band25	20MHz	16QAM	26140	50RB#25	21.80	24.61	PASS
Band25	20MHz	16QAM	26140	50RB#50	21.10	23.91	PASS
Band25	20MHz	16QAM	26140	100RB#0	21.44	24.25	PASS
Band25	20MHz	16QAM	26365	1RB#0	20.42	23.23	PASS
Band25	20MHz	16QAM	26365	1RB#49	22.58	25.39	PASS
Band25	20MHz	16QAM	26365	1RB#99	21.41	24.22	PASS
Band25	20MHz	16QAM	26365	50RB#0	21.47	24.28	PASS
Band25	20MHz	16QAM	26365	50RB#25	21.51	24.32	PASS
Band25	20MHz	16QAM	26365	50RB#50	22.03	24.84	PASS
Band25	20MHz	16QAM	26365	100RB#0	21.74	24.55	PASS
Band25	20MHz	16QAM	26590	1RB#0	20.82	23.63	PASS
Band25	20MHz	16QAM	26590	1RB#49	21.33	24.14	PASS
Band25	20MHz	16QAM	26590	1RB#99	17.34	20.15	PASS
Band25	20MHz	16QAM	26590	50RB#0	21.09	23.90	PASS
Band25	20MHz	16QAM	26590	50RB#25	21.10	23.91	PASS
Band25	20MHz	16QAM	26590	50RB#50	20.55	23.36	PASS
Band25	20MHz	16QAM	26590	100RB#0	20.80	23.61	PASS

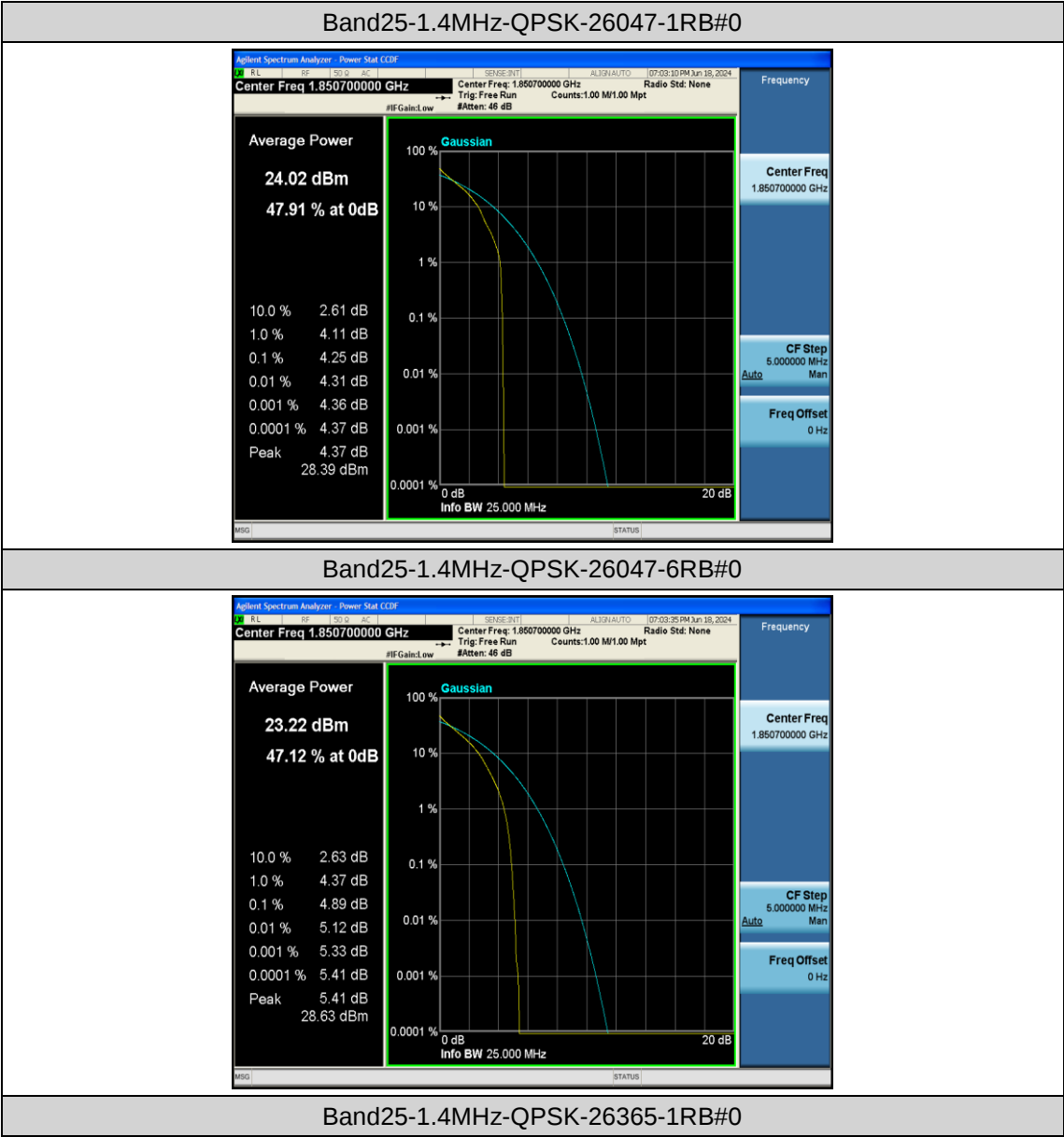
Appendix B: Peak-to-Average Ratio(CCDF)

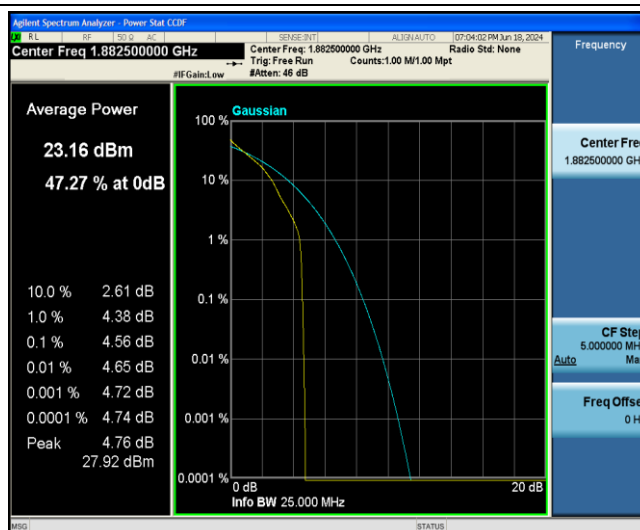
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band25	1.4MHz	QPSK	26047	1RB#0	4.25	13	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	4.89	13	PASS
Band25	1.4MHz	QPSK	26365	1RB#0	4.56	13	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	5.11	13	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	4.76	13	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	5.26	13	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	5.35	13	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	5.77	13	PASS
Band25	1.4MHz	16QAM	26365	1RB#0	5.66	13	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	5.95	13	PASS
Band25	1.4MHz	16QAM	26683	1RB#0	5.68	13	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	6.74	13	PASS
Band25	3MHz	QPSK	26055	1RB#0	4.51	13	PASS
Band25	3MHz	QPSK	26055	15RB#0	5.01	13	PASS
Band25	3MHz	QPSK	26365	1RB#0	4.61	13	PASS
Band25	3MHz	QPSK	26365	15RB#0	5.17	13	PASS
Band25	3MHz	QPSK	26675	1RB#0	6.31	13	PASS
Band25	3MHz	QPSK	26675	15RB#0	6.62	13	PASS
Band25	3MHz	16QAM	26055	1RB#0	5.10	13	PASS
Band25	3MHz	16QAM	26055	15RB#0	5.86	13	PASS
Band25	3MHz	16QAM	26365	1RB#0	5.40	13	PASS
Band25	3MHz	16QAM	26365	15RB#0	6.00	13	PASS
Band25	3MHz	16QAM	26675	1RB#0	6.55	13	PASS
Band25	3MHz	16QAM	26675	15RB#0	7.35	13	PASS
Band25	5MHz	QPSK	26065	1RB#0	4.32	13	PASS
Band25	5MHz	QPSK	26065	25RB#0	5.05	13	PASS
Band25	5MHz	QPSK	26365	1RB#0	4.83	13	PASS
Band25	5MHz	QPSK	26365	25RB#0	5.19	13	PASS
Band25	5MHz	QPSK	26665	1RB#0	4.59	13	PASS
Band25	5MHz	QPSK	26665	25RB#0	5.96	13	PASS
Band25	5MHz	16QAM	26065	1RB#0	5.28	13	PASS
Band25	5MHz	16QAM	26065	25RB#0	5.89	13	PASS
Band25	5MHz	16QAM	26365	1RB#0	5.54	13	PASS
Band25	5MHz	16QAM	26365	25RB#0	5.98	13	PASS
Band25	5MHz	16QAM	26665	1RB#0	5.74	13	PASS
Band25	5MHz	16QAM	26665	25RB#0	7.30	13	PASS

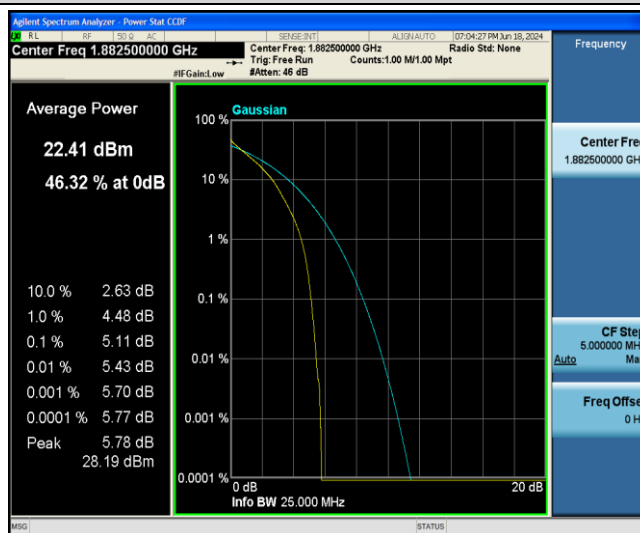
Band25	10MHz	QPSK	26090	1RB#0	4.71	13	PASS
Band25	10MHz	QPSK	26090	50RB#0	5.13	13	PASS
Band25	10MHz	QPSK	26365	1RB#0	5.33	13	PASS
Band25	10MHz	QPSK	26365	50RB#0	5.11	13	PASS
Band25	10MHz	QPSK	26640	1RB#0	5.44	13	PASS
Band25	10MHz	QPSK	26640	50RB#0	6.99	13	PASS
Band25	10MHz	16QAM	26090	1RB#0	6.09	13	PASS
Band25	10MHz	16QAM	26090	50RB#0	5.95	13	PASS
Band25	10MHz	16QAM	26365	1RB#0	6.16	13	PASS
Band25	10MHz	16QAM	26365	50RB#0	5.97	13	PASS
Band25	10MHz	16QAM	26640	1RB#0	6.87	13	PASS
Band25	10MHz	16QAM	26640	50RB#0	6.42	13	PASS
Band25	15MHz	QPSK	26115	1RB#0	4.88	13	PASS
Band25	15MHz	QPSK	26115	75RB#0	5.41	13	PASS
Band25	15MHz	QPSK	26365	1RB#0	5.89	13	PASS
Band25	15MHz	QPSK	26365	75RB#0	5.22	13	PASS
Band25	15MHz	QPSK	26615	1RB#0	5.41	13	PASS
Band25	15MHz	QPSK	26615	75RB#0	6.01	13	PASS
Band25	15MHz	16QAM	26115	1RB#0	5.47	13	PASS
Band25	15MHz	16QAM	26115	75RB#0	6.25	13	PASS
Band25	15MHz	16QAM	26365	1RB#0	6.56	13	PASS
Band25	15MHz	16QAM	26365	75RB#0	5.99	13	PASS
Band25	15MHz	16QAM	26615	1RB#0	6.01	13	PASS
Band25	15MHz	16QAM	26615	75RB#0	6.43	13	PASS
Band25	20MHz	QPSK	26140	1RB#0	6.63	13	PASS
Band25	20MHz	QPSK	26140	100RB#0	5.55	13	PASS
Band25	20MHz	QPSK	26365	1RB#0	5.57	13	PASS
Band25	20MHz	QPSK	26365	100RB#0	5.22	13	PASS
Band25	20MHz	QPSK	26590	1RB#0	4.92	13	PASS
Band25	20MHz	QPSK	26590	100RB#0	5.66	13	PASS
Band25	20MHz	16QAM	26140	1RB#0	5.65	13	PASS
Band25	20MHz	16QAM	26140	100RB#0	6.26	13	PASS
Band25	20MHz	16QAM	26365	1RB#0	6.61	13	PASS
Band25	20MHz	16QAM	26365	100RB#0	5.93	13	PASS
Band25	20MHz	16QAM	26590	1RB#0	6.01	13	PASS
Band25	20MHz	16QAM	26590	100RB#0	6.50	13	PASS

Test Graphs

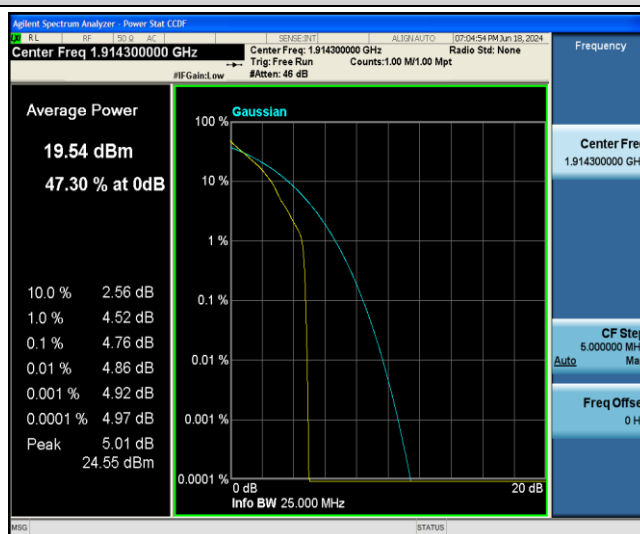




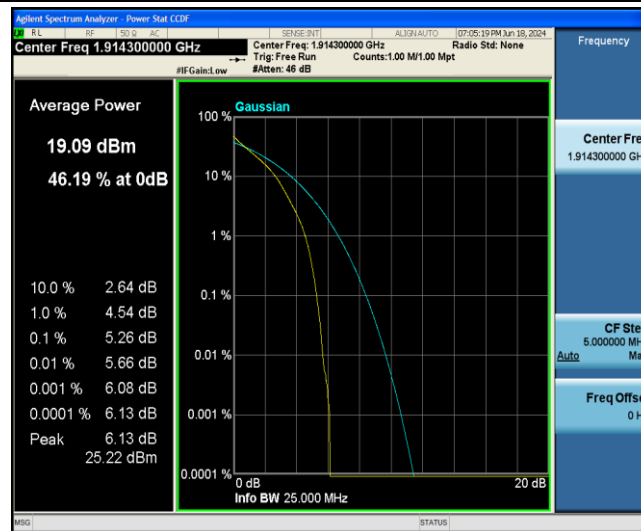
Band25-1.4MHz-QPSK-26365-6RB#0



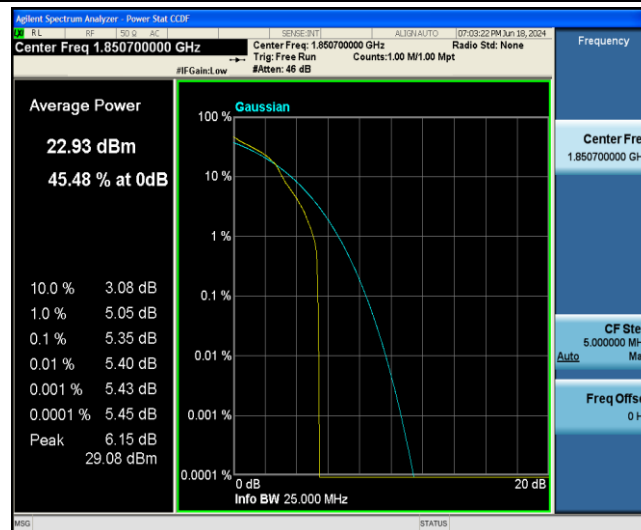
Band25-1.4MHz-QPSK-26683-1RB#0



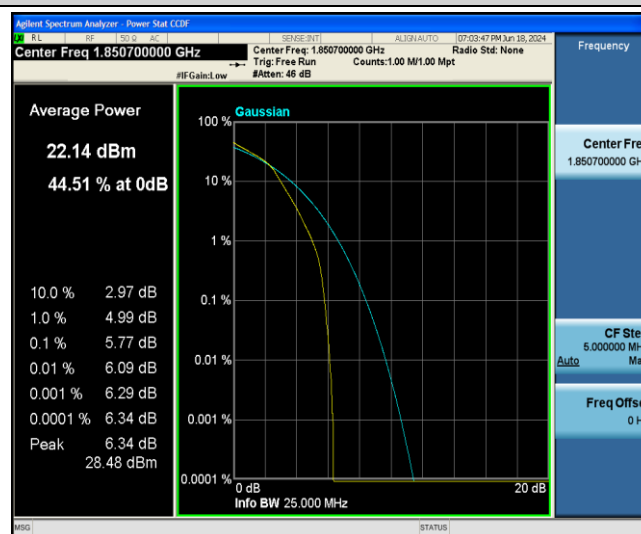
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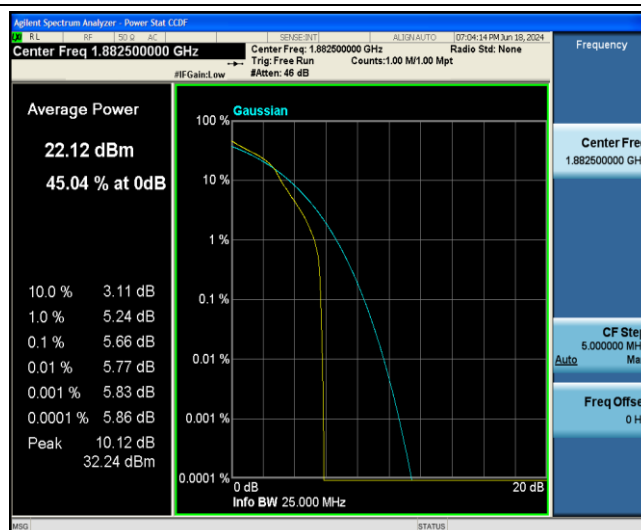
Band25-1.4MHz-16QAM-26047-1RB#0



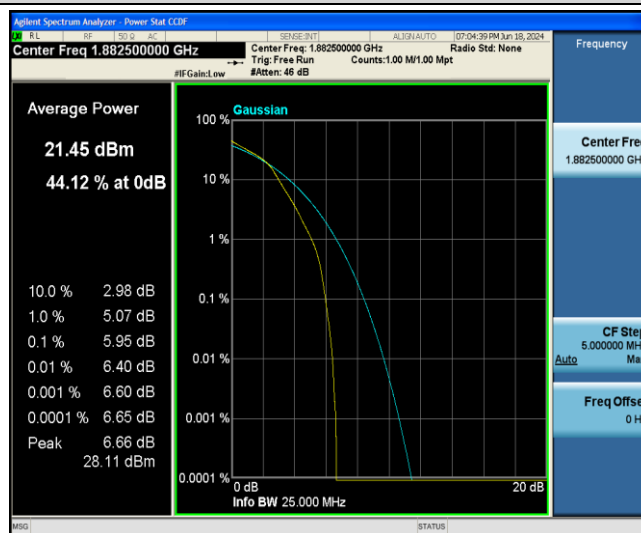
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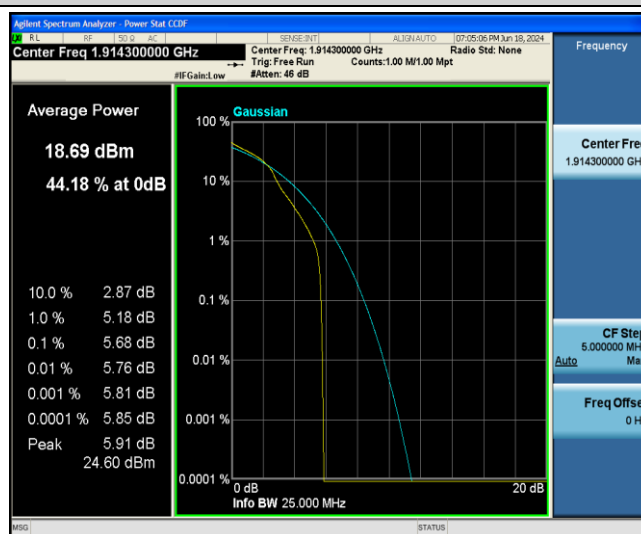
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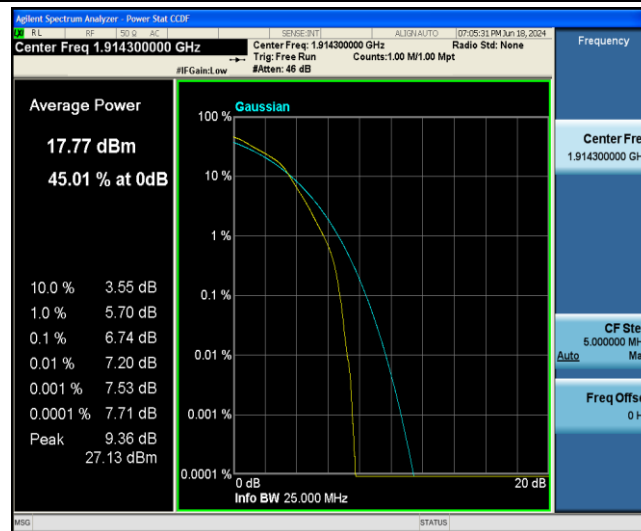
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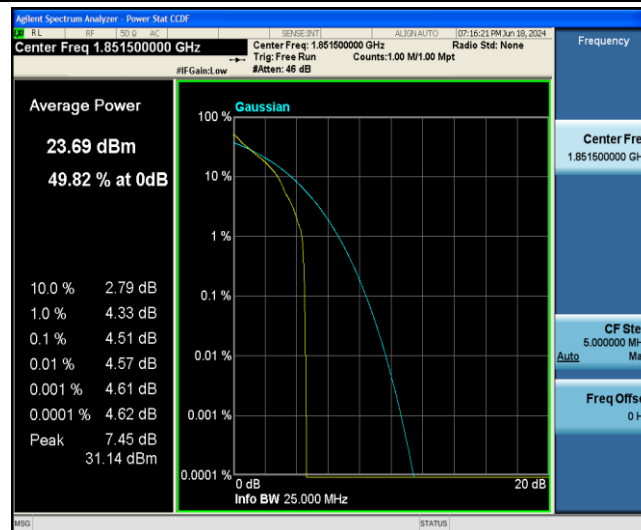
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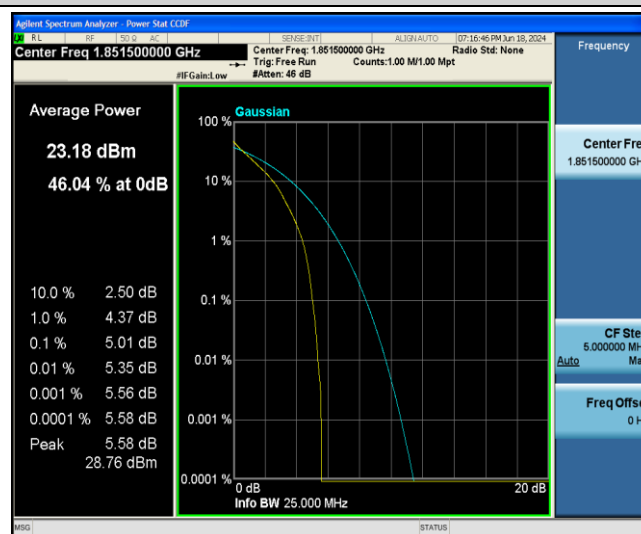
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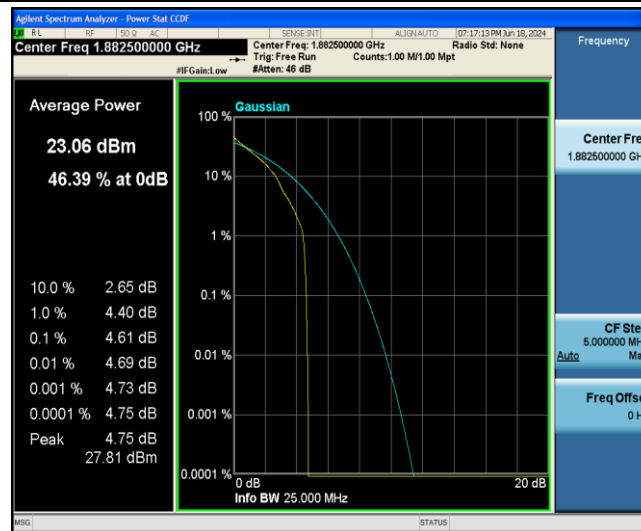
Band25-3MHz-QPSK-26055-1RB#0



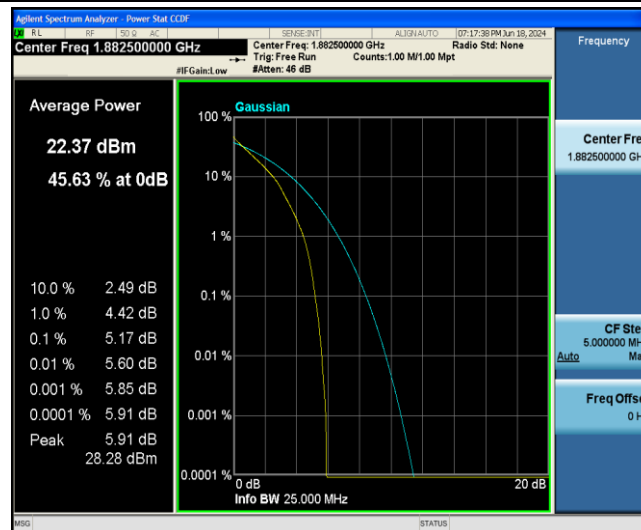
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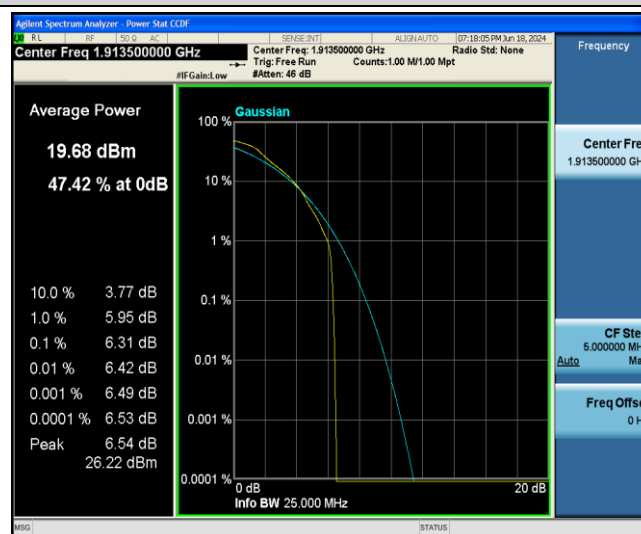
Band25-3MHz-QPSK-26365-1RB#0



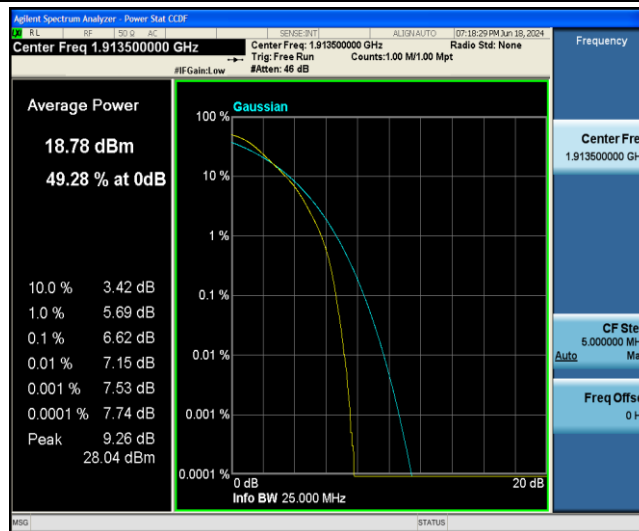
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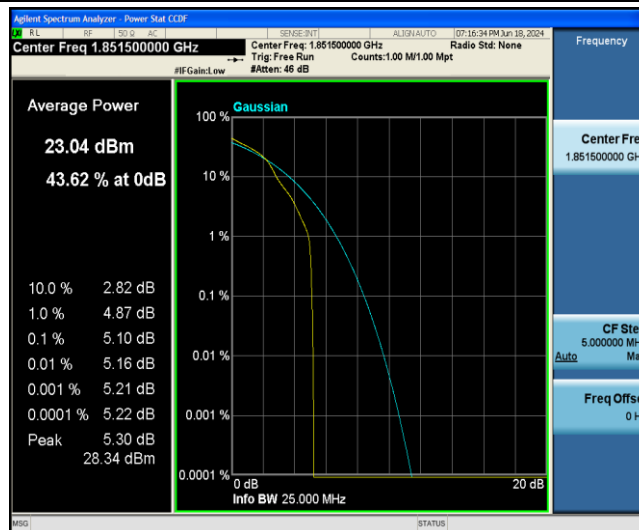
Band25-3MHz-QPSK-26675-1RB#0



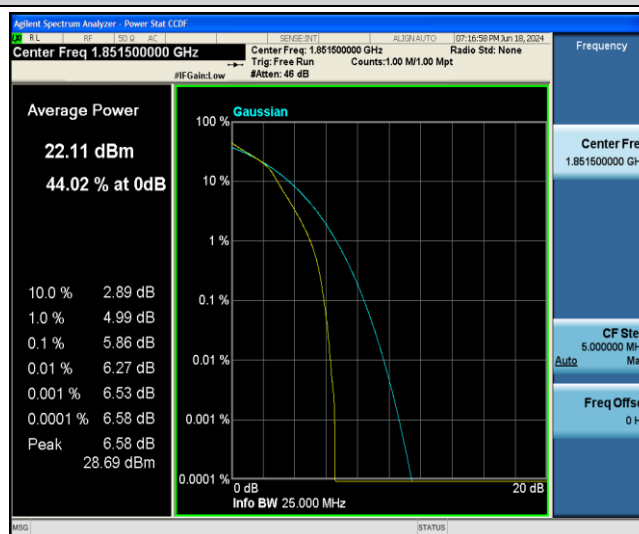
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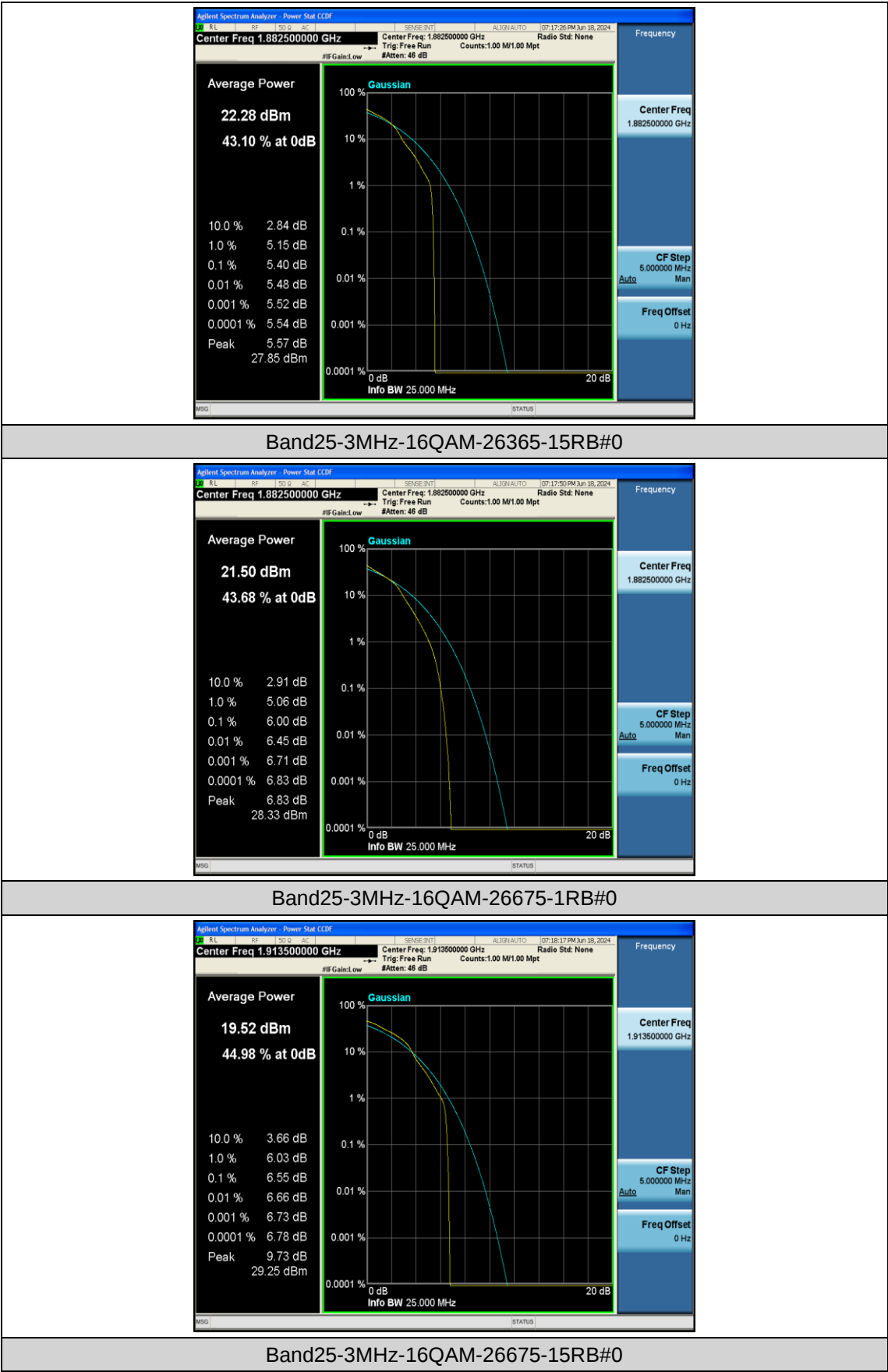
Band25-3MHz-16QAM-26055-1RB#0



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



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



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

Agilent Spectrum Analyzer - Power Stat CDF

Center Freq 1.913500000 GHz

Center Freq: 1.913500000 GHz

Trig: Free Run

#Att: 46 dB

Counts: 1.00 M/1.00 Mpt

Radio Std: None

Frequency

Center Freq

1.913500000 GHz

CF Step

5.000000 MHz

Auto

Man

Freq Offset

0 Hz

Average Power

19.52 dBm

44.98 % at 0dB

10.0 % 3.66 dB

1.0 % 6.03 dB

0.1 % 6.55 dB

0.01 % 6.66 dB

0.001 % 6.73 dB

0.0001 % 6.78 dB

Peak 9.73 dB

29.25 dBm

Gaussian

100 %

10 %

1 %

0.1 %

0.01 %

0.001 %

0.0001 %

0 dB

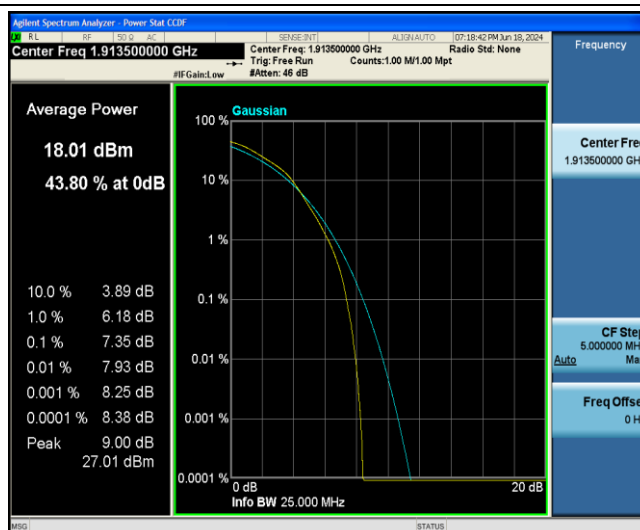
20 dB

Info BW 25.000 MHz

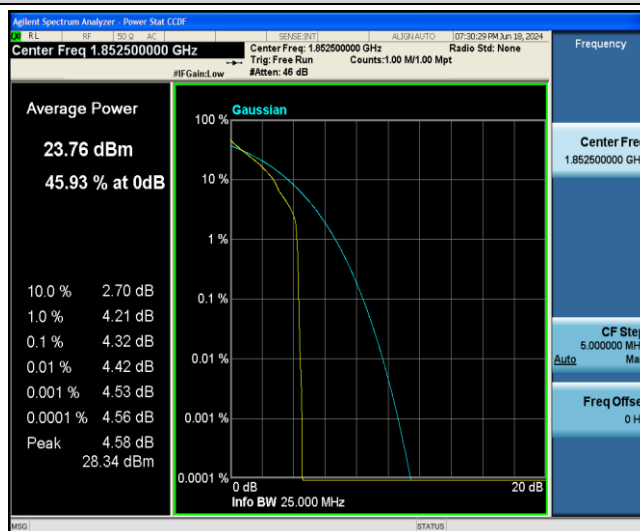
MSG

STATUS

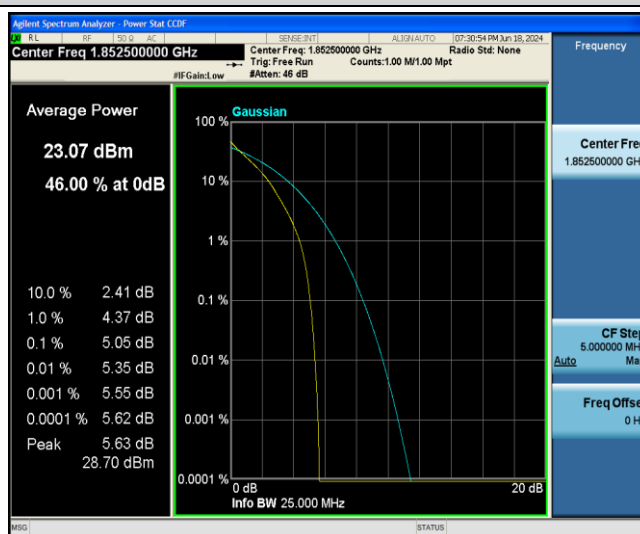
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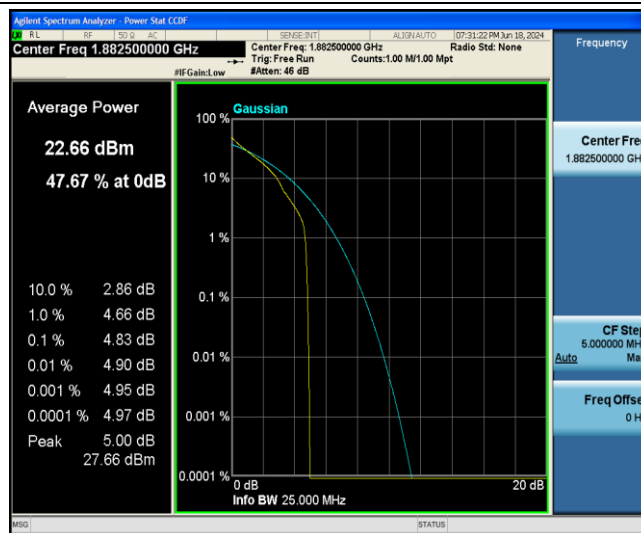
Band25-5MHz-QPSK-26065-1RB#0



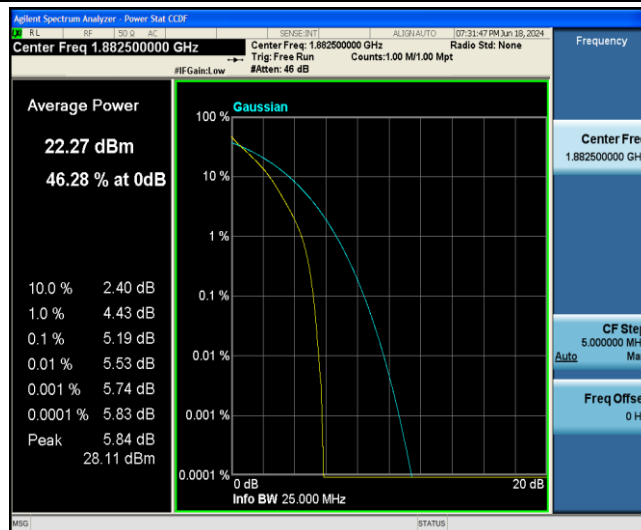
Band25-5MHz-QPSK-26065-25RB#0



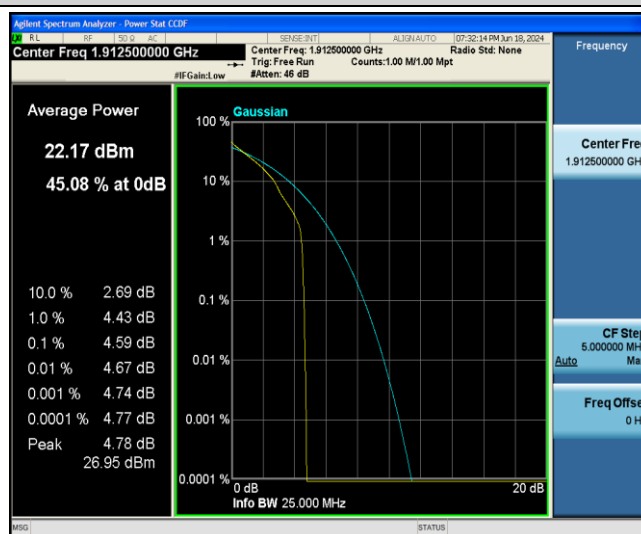
Band25-5MHz-QPSK-26365-1RB#0



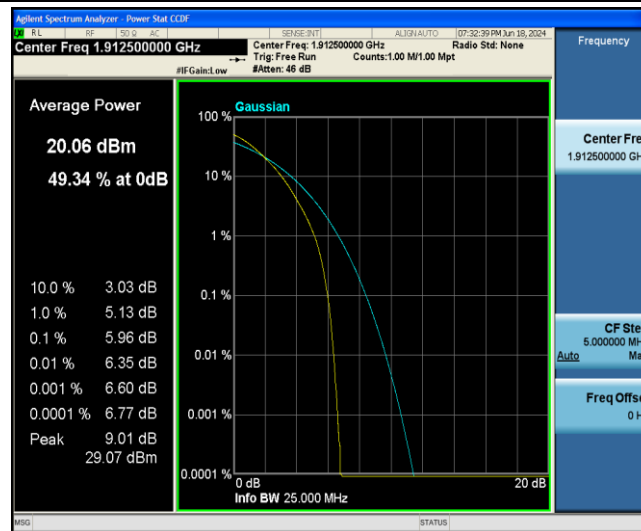
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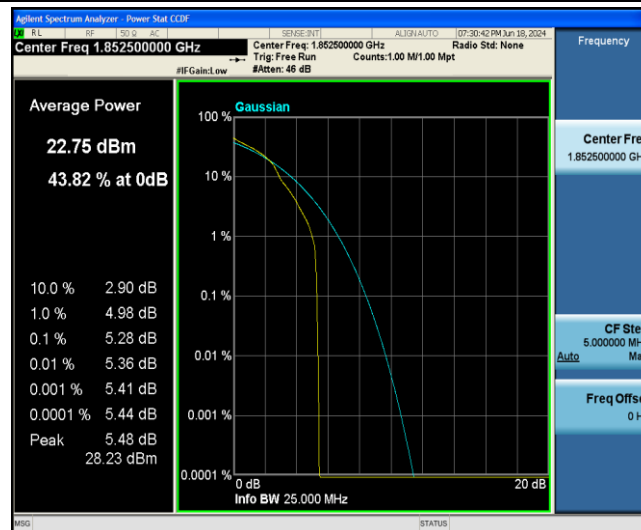
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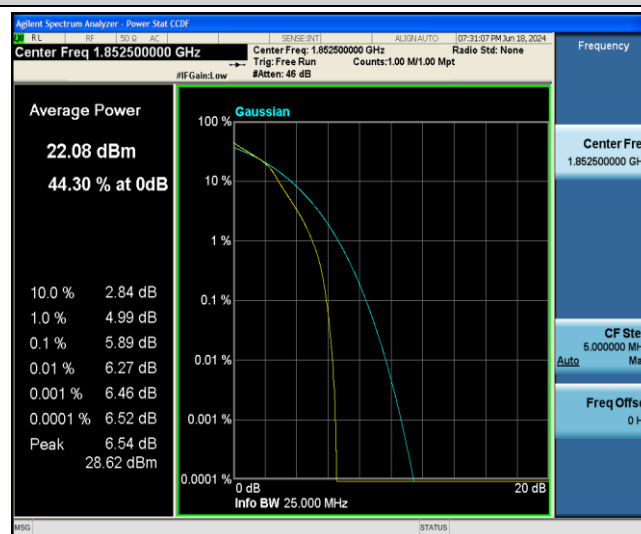
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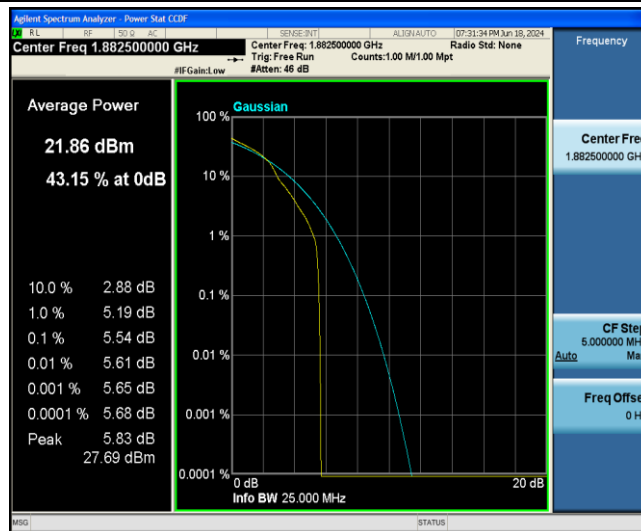
Band25-5MHz-16QAM-26065-1RB#0



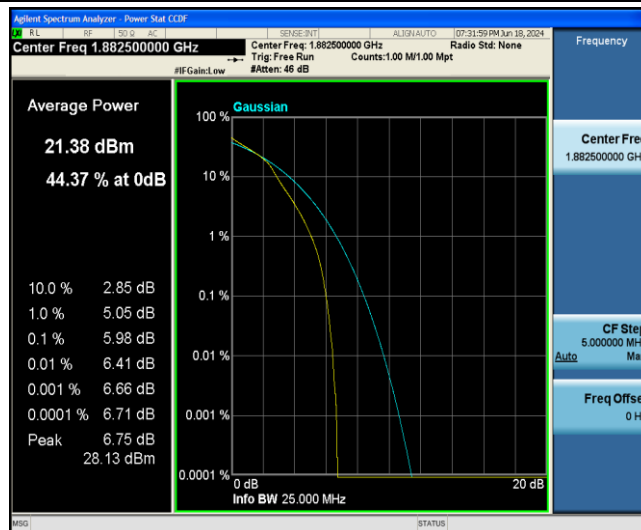
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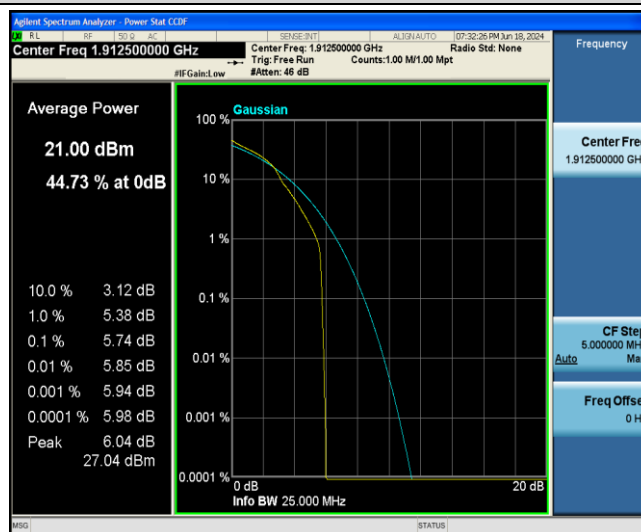
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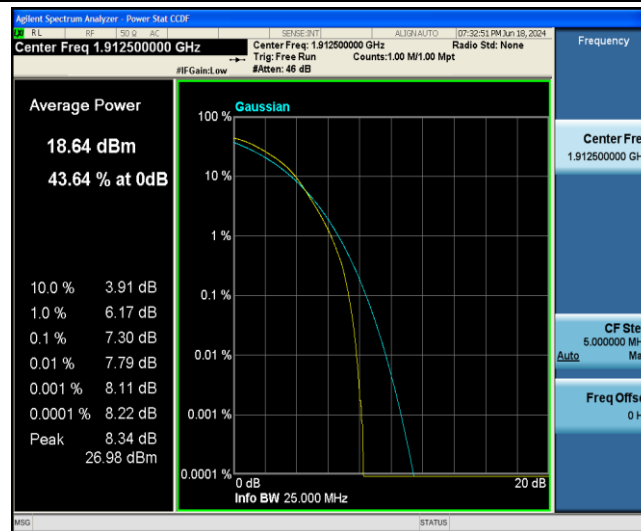
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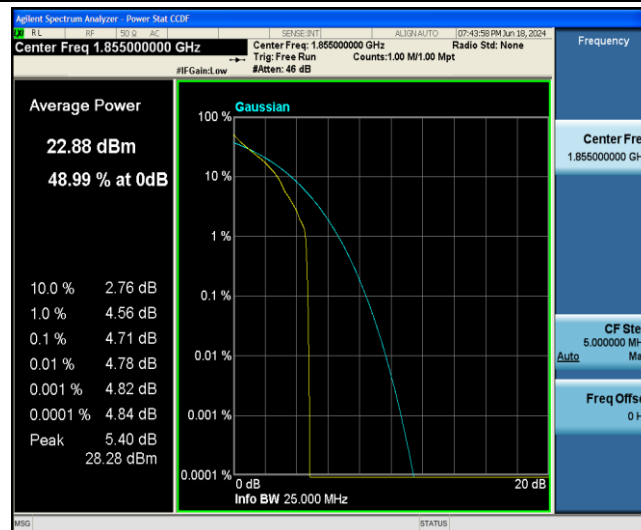
Band25-5MHz-16QAM-26665-1RB#0



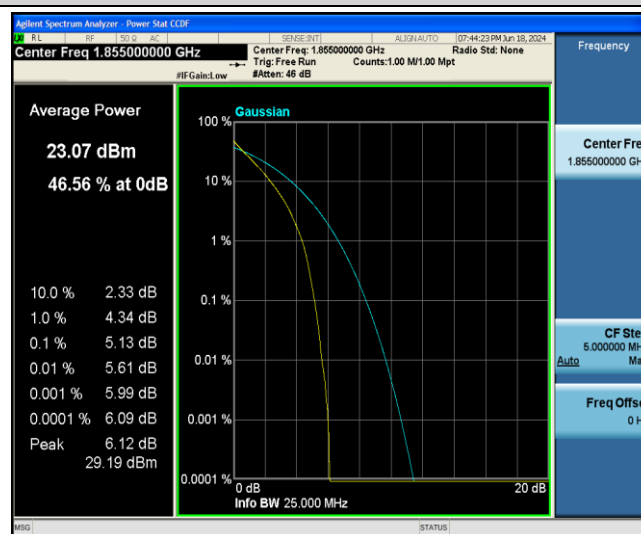
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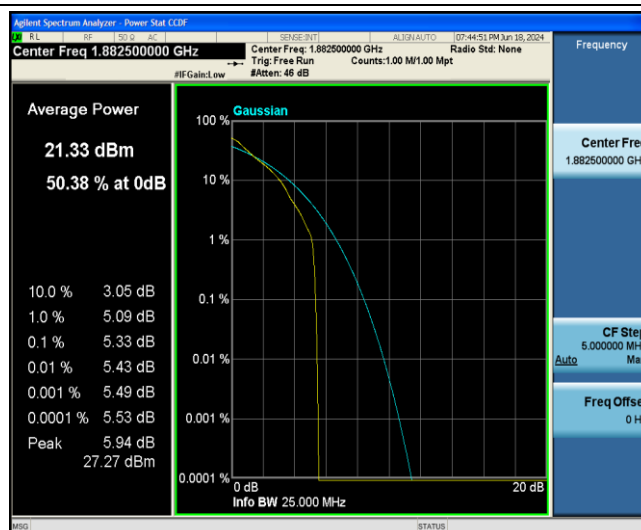
Band25-10MHz-QPSK-26090-1RB#0



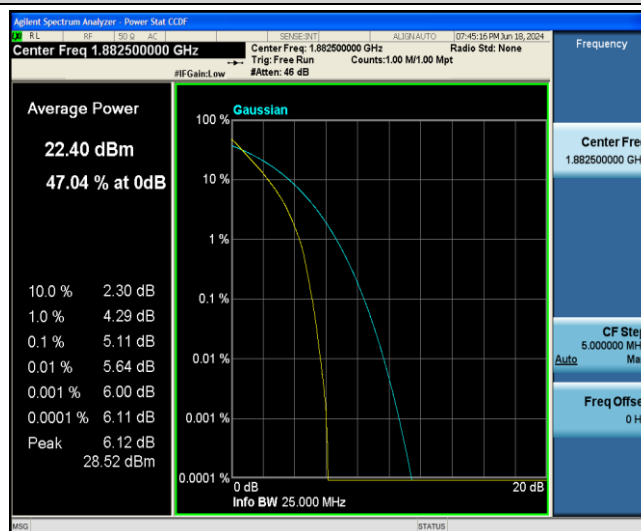
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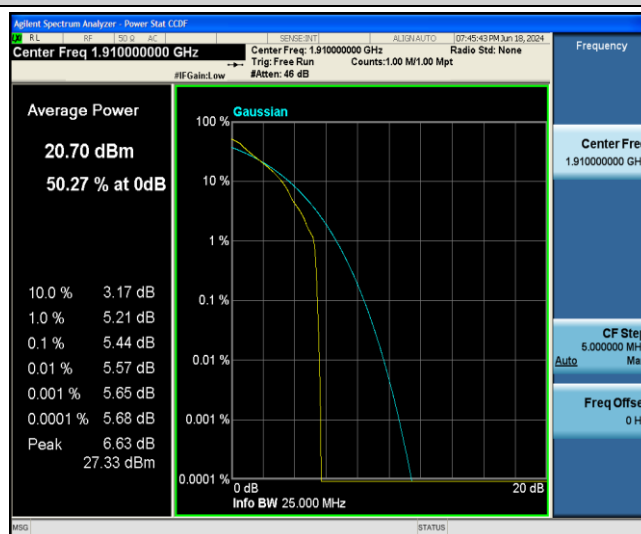
Band25-10MHz-QPSK-26365-1RB#0



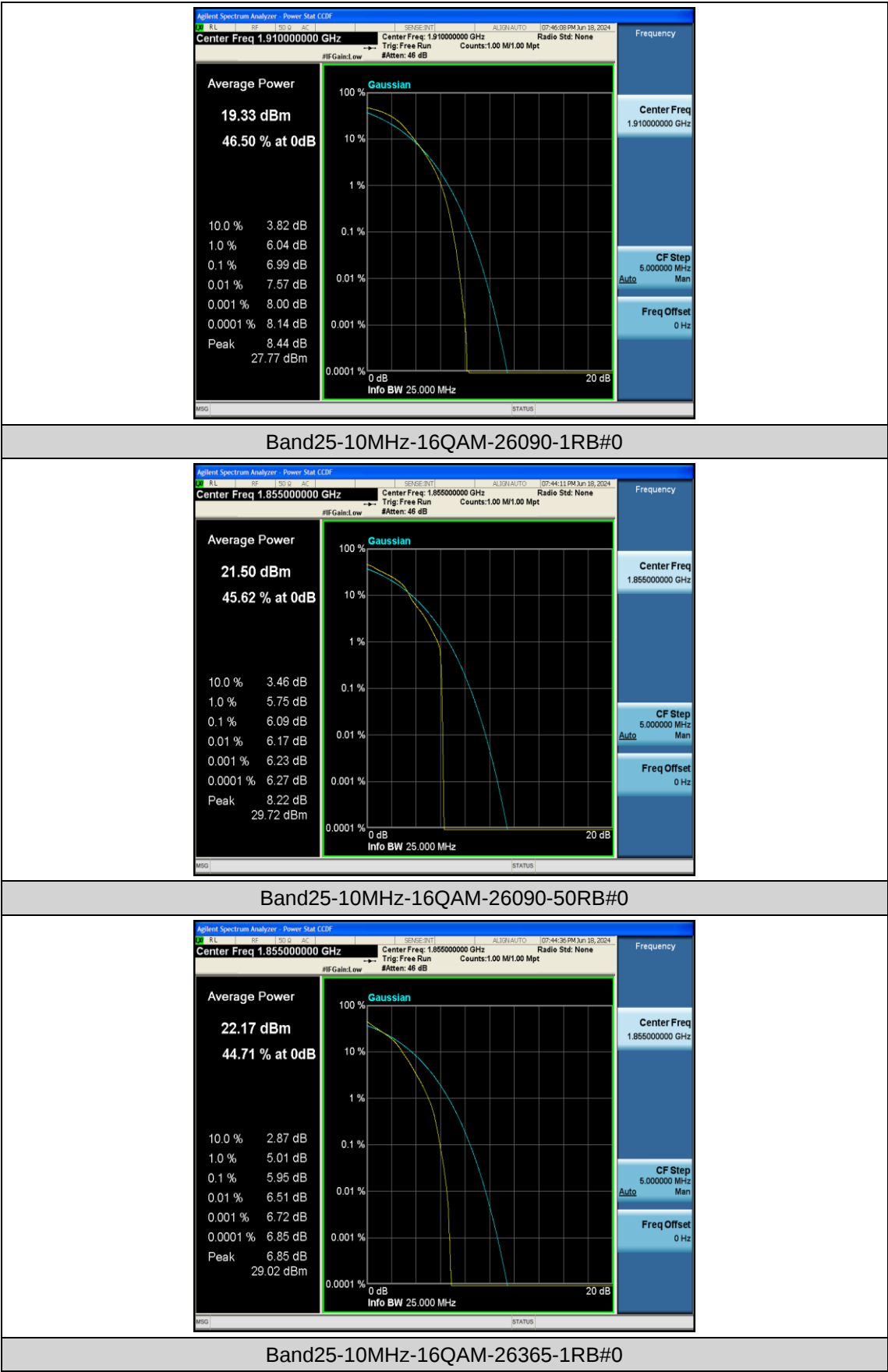
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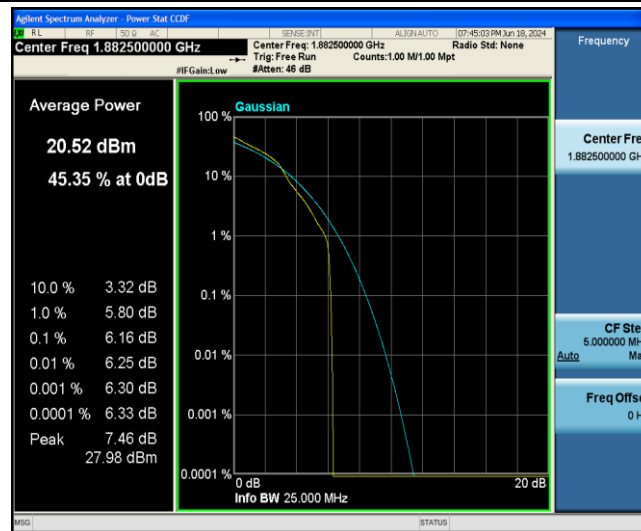


Band25-10MHz-QPSK-26640-1RB#0

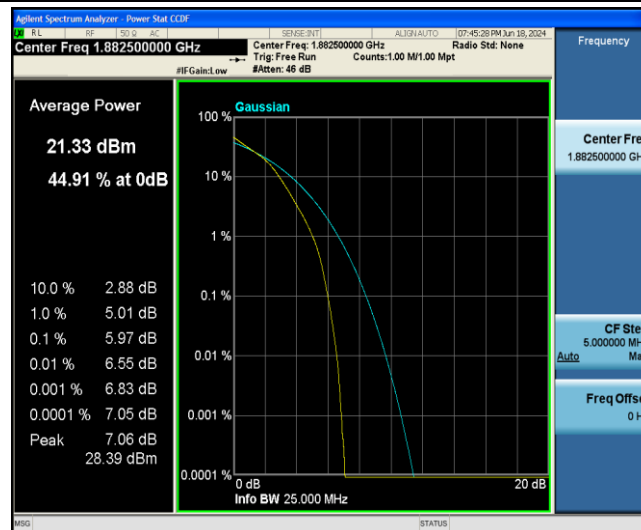


Band25-10MHz-QPSK-26640-50RB#0

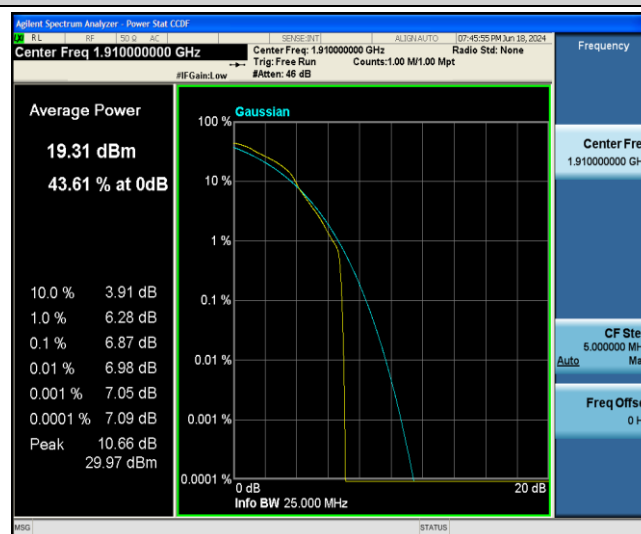




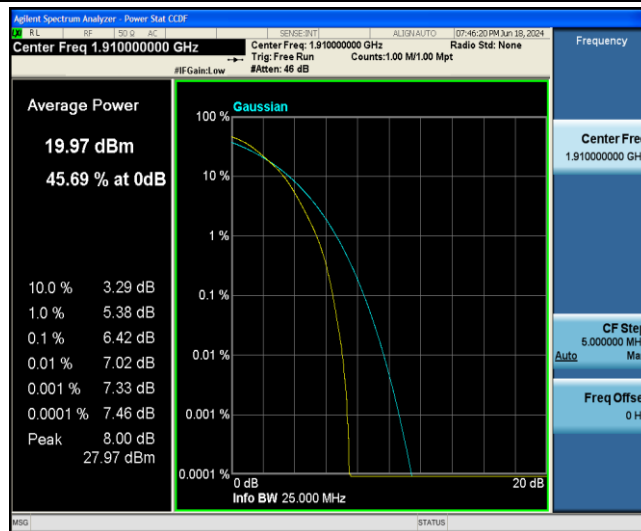
Band25-10MHz-16QAM-26365-50RB#0



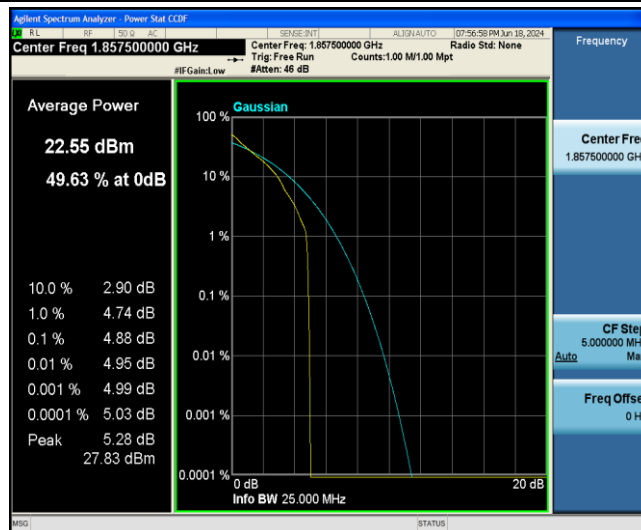
Band25-10MHz-16QAM-26640-1RB#0



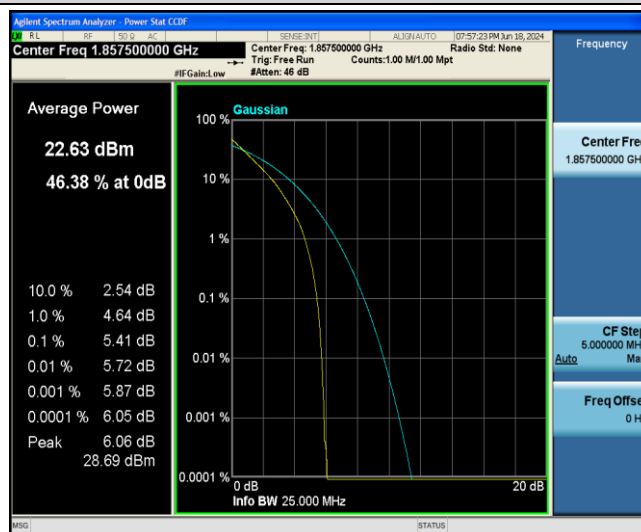
Band25-10MHz-16QAM-26640-50RB#0



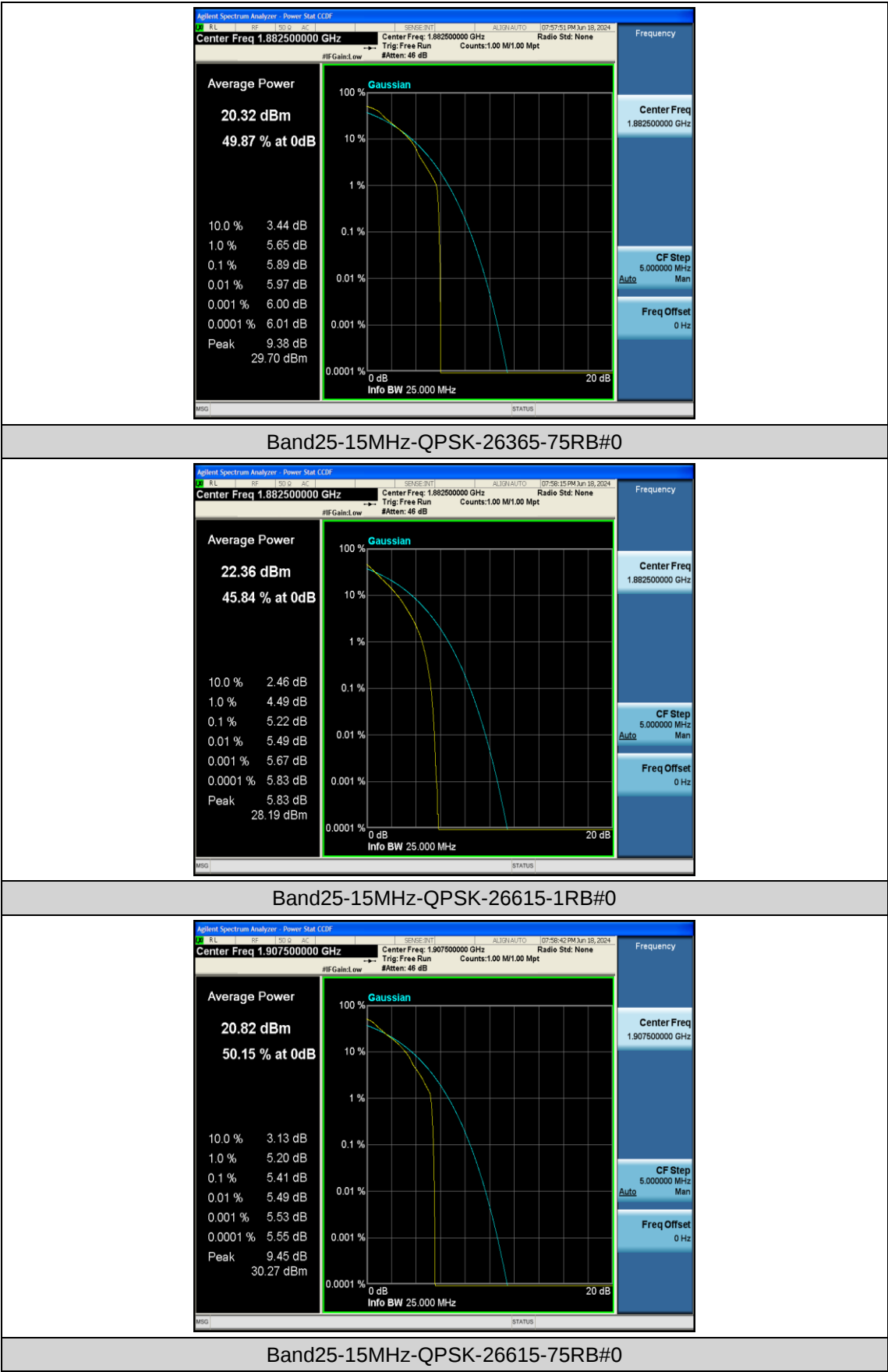
Band25-15MHz-QPSK-26115-1RB#0



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



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



Band25-15MHz-QPSK-26615-1RB#0

Agilent Spectrum Analyzer - Power Stat CLDF

Center Freq 1.907500000 GHz

Center Freq: 1.907500000 GHz

Trig: Free Run

Counts: 1.00 M/1.00 Mpt

Radio Std: None

Frequency

Center Freq

1.907500000 GHz

CF Step

5.000000 MHz

Auto

Man

Freq Offset

0 Hz

Average Power

20.82 dBm

50.15 % at 0dB

10.0 % 3.13 dB

1.0 % 5.20 dB

0.1 % 5.41 dB

0.01 % 5.49 dB

0.001 % 5.53 dB

0.0001 % 5.55 dB

Peak 9.45 dB

30.27 dBm

Gaussian

100 %

10 %

1 %

0.1 %

0.01 %

0.001 %

0.0001 %

0 dB

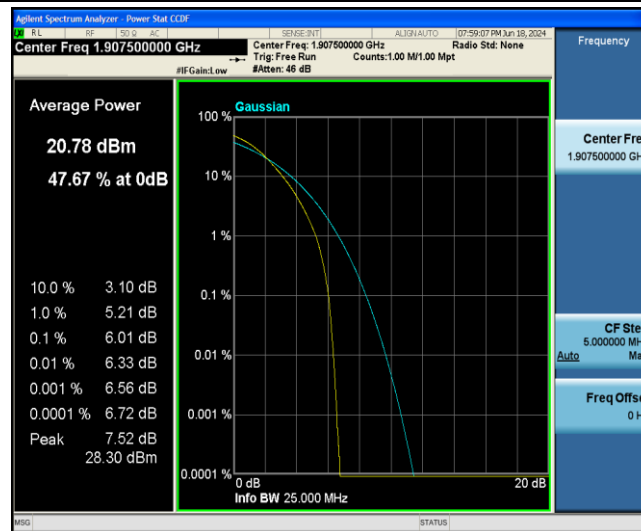
20 dB

Info BW 25.000 MHz

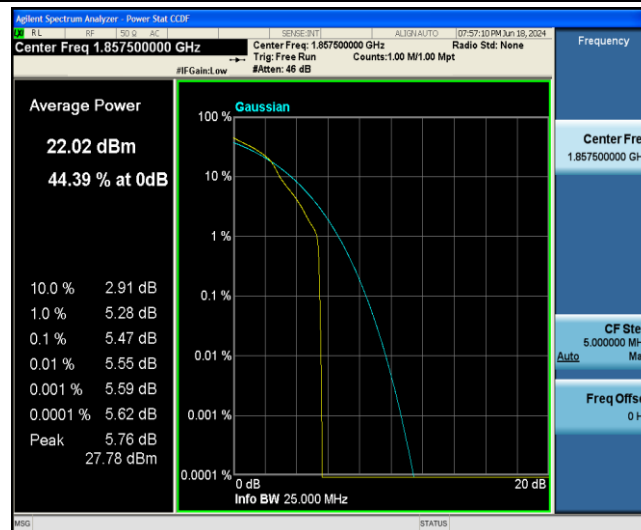
MSG

STATUS

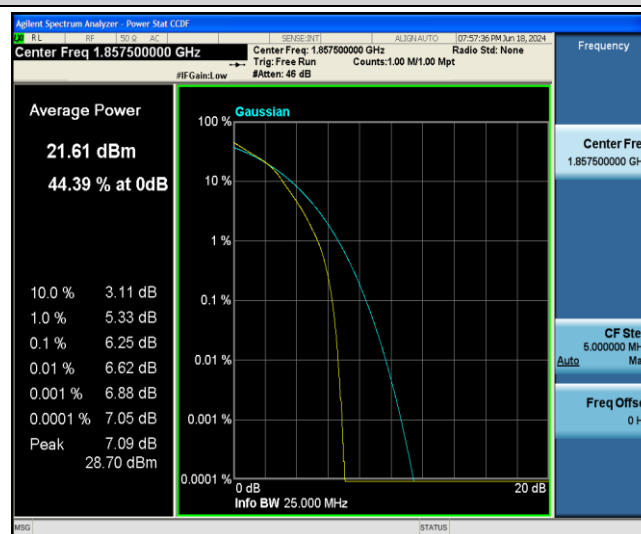
Band25-15MHz-QPSK-26615-75RB#0



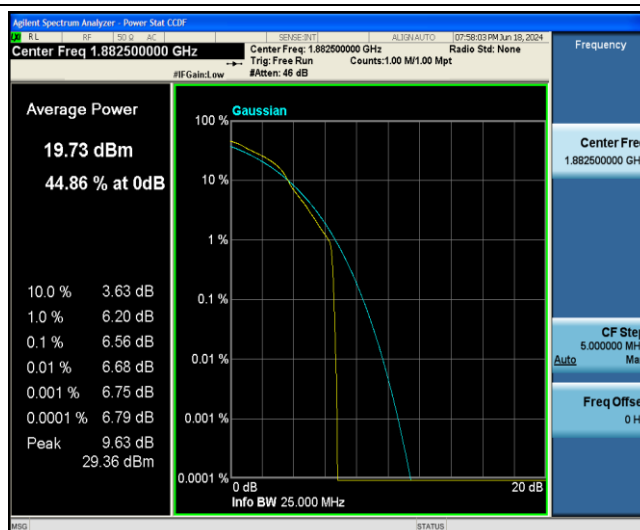
Band25-15MHz-16QAM-26115-1RB#0



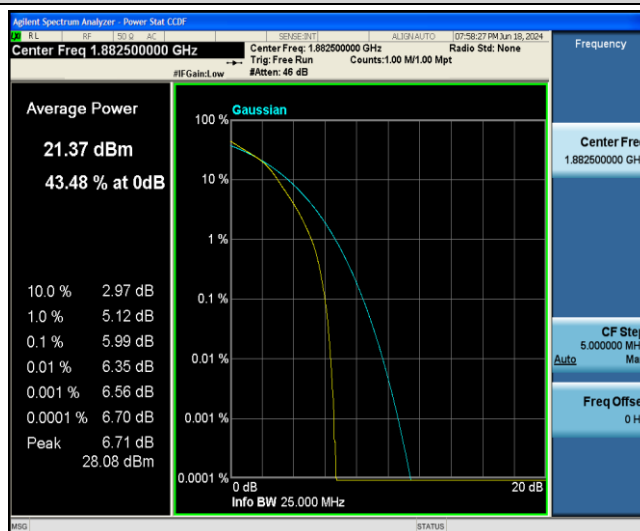
Band25-15MHz-16QAM-26115-75RB#0



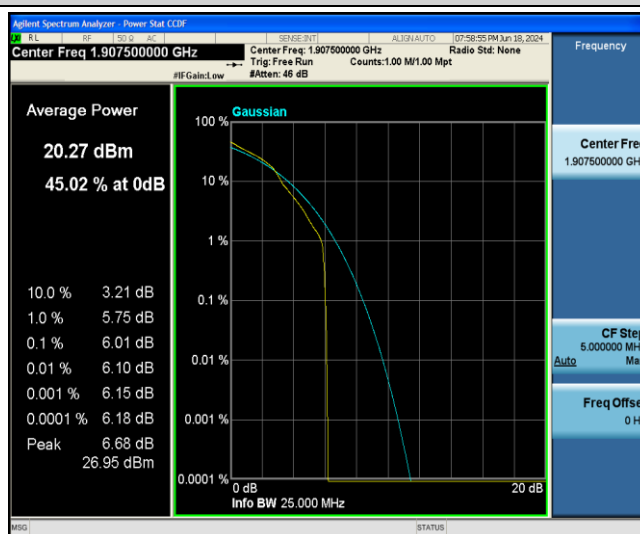
Band25-15MHz-16QAM-26365-1RB#0



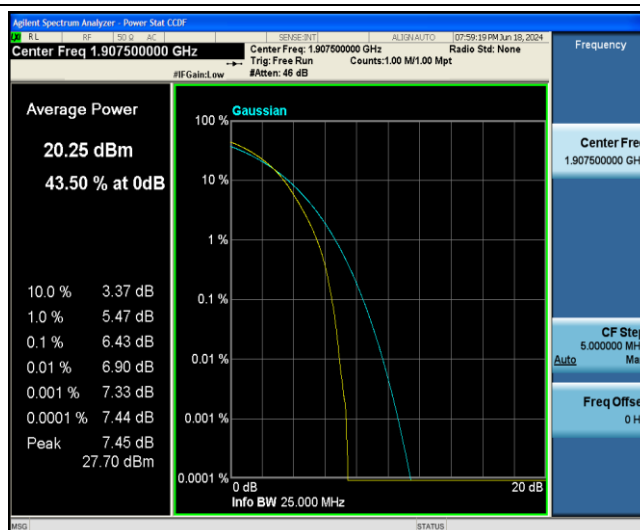
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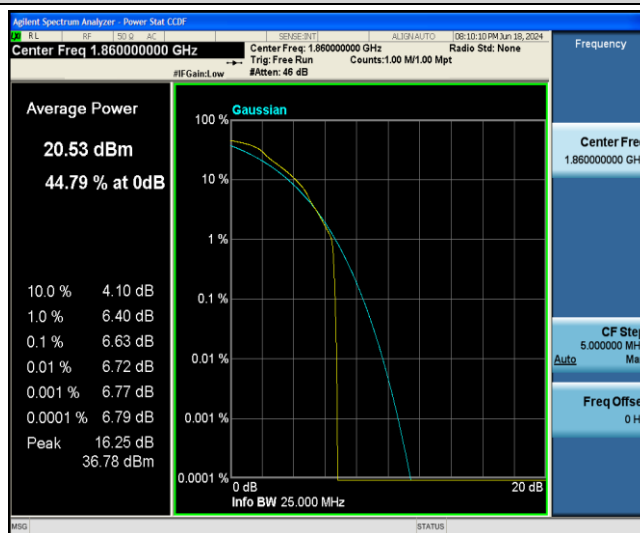
Band25-15MHz-16QAM-26615-1RB#0



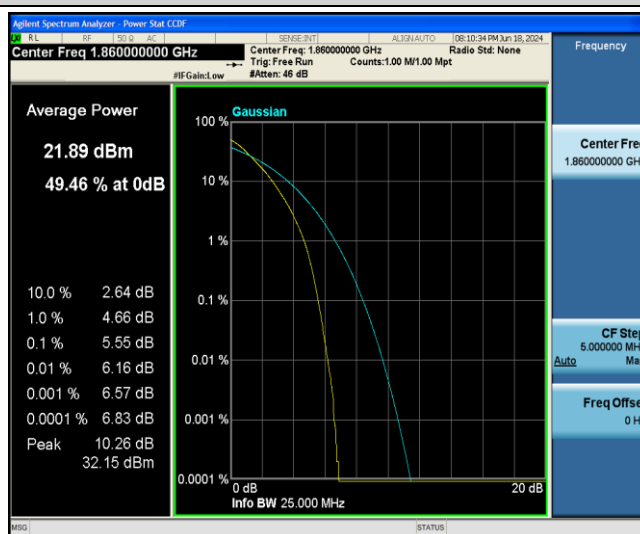
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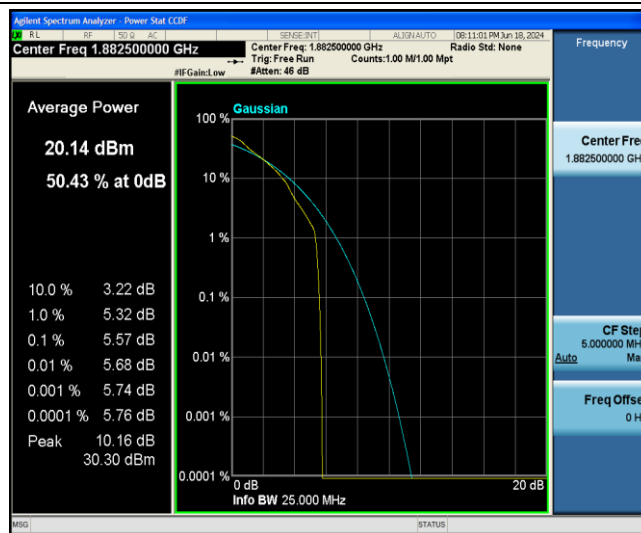
Band25-20MHz-QPSK-26140-1RB#0



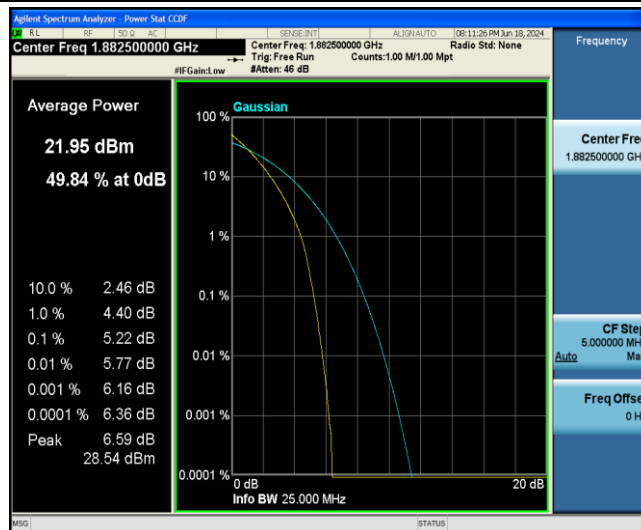
Band25-20MHz-QPSK-26140-100RB#0



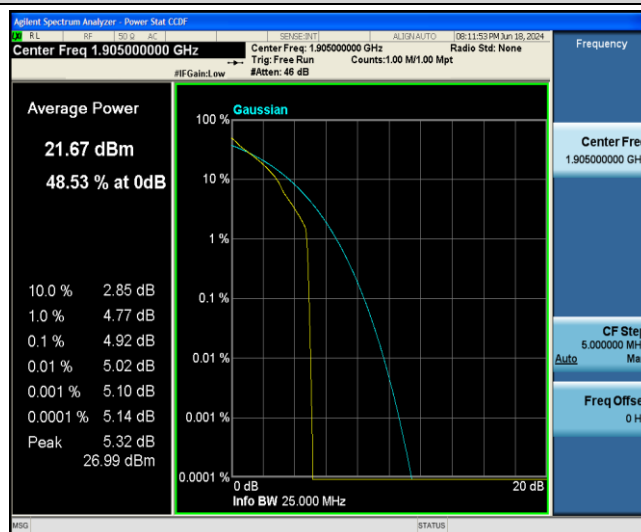
Band25-20MHz-QPSK-26365-1RB#0



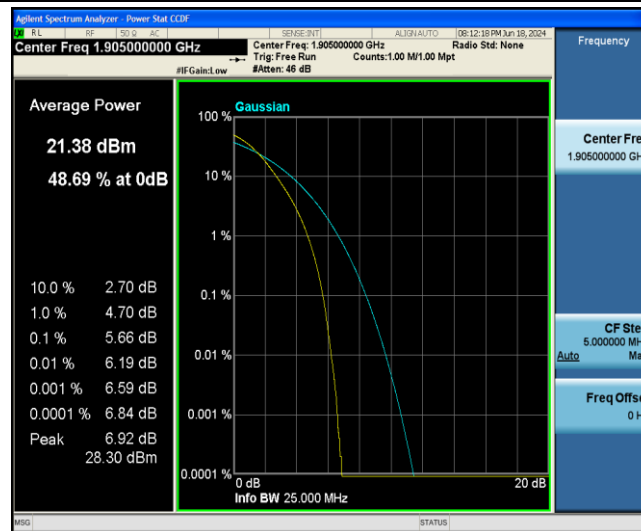
Band25-20MHz-QPSK-26365-100RB#0



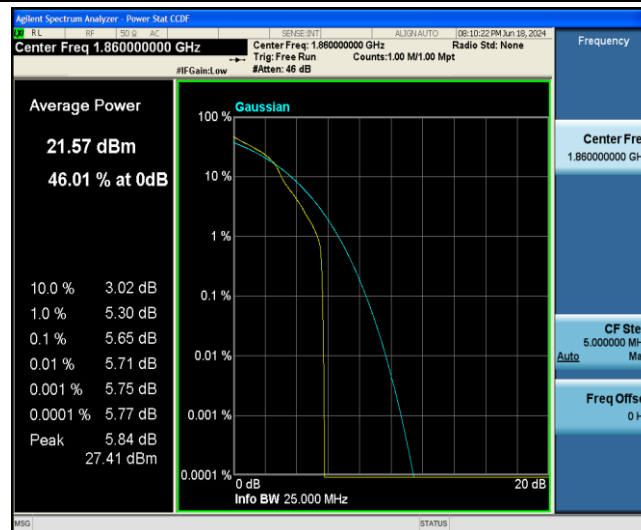
Band25-20MHz-QPSK-26590-1RB#0



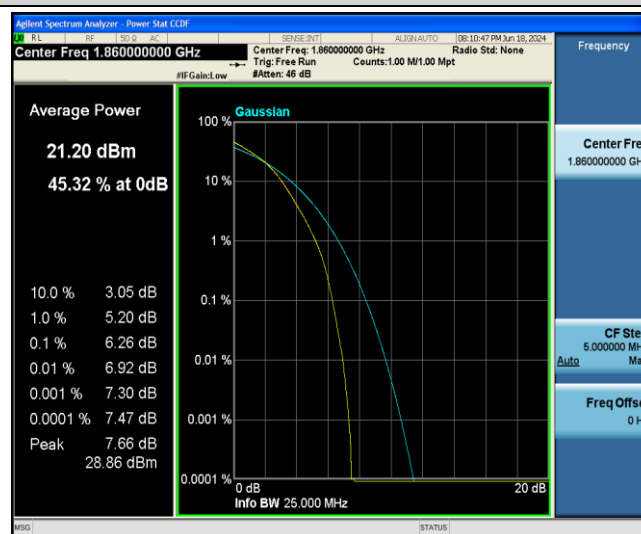
Band25-20MHz-QPSK-26590-100RB#0



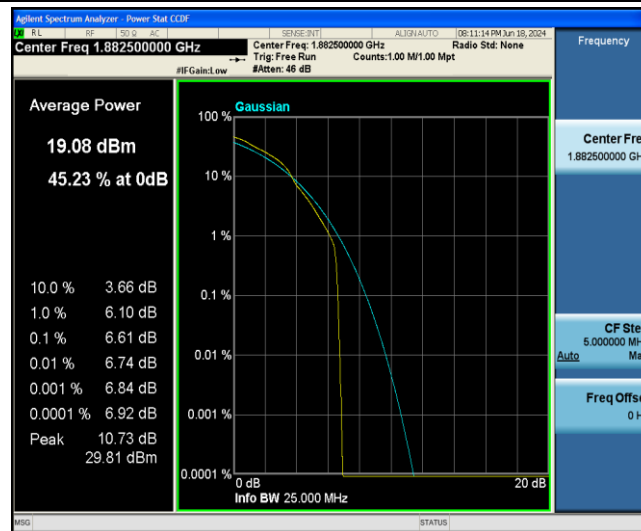
Band25-20MHz-16QAM-26140-1RB#0



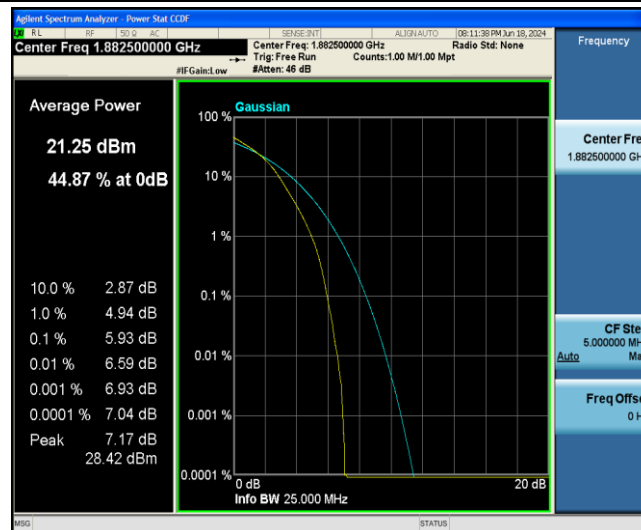
Band25-20MHz-16QAM-26140-100RB#0



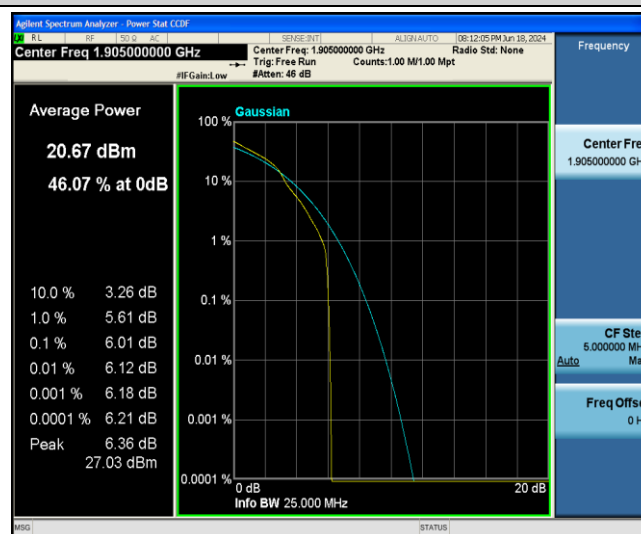
Band25-20MHz-16QAM-26365-1RB#0



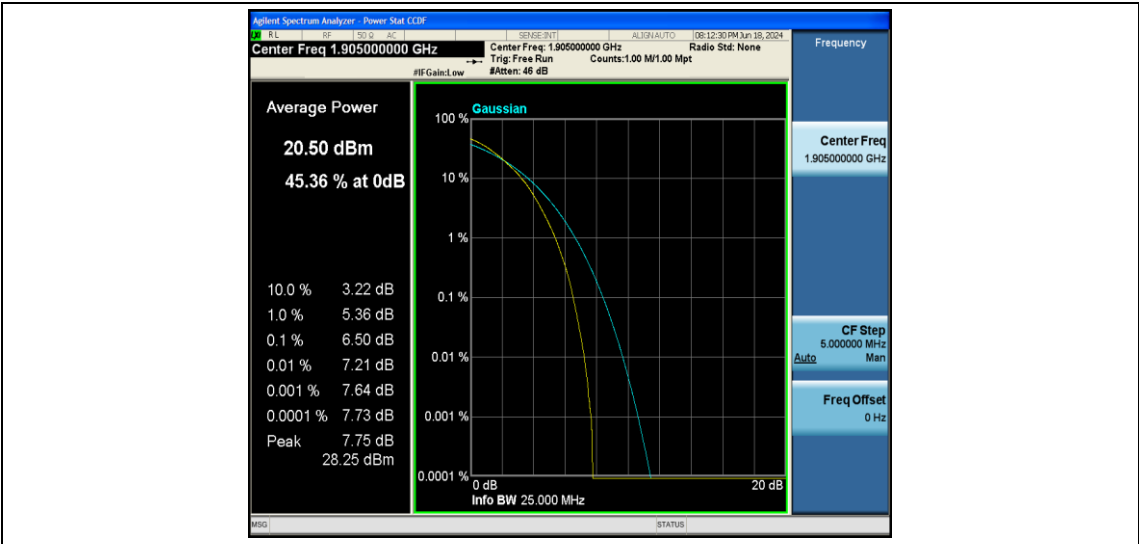
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Band25-20MHz-16QAM-26590-1RB#0



Band25-20MHz-16QAM-26590-100RB#0



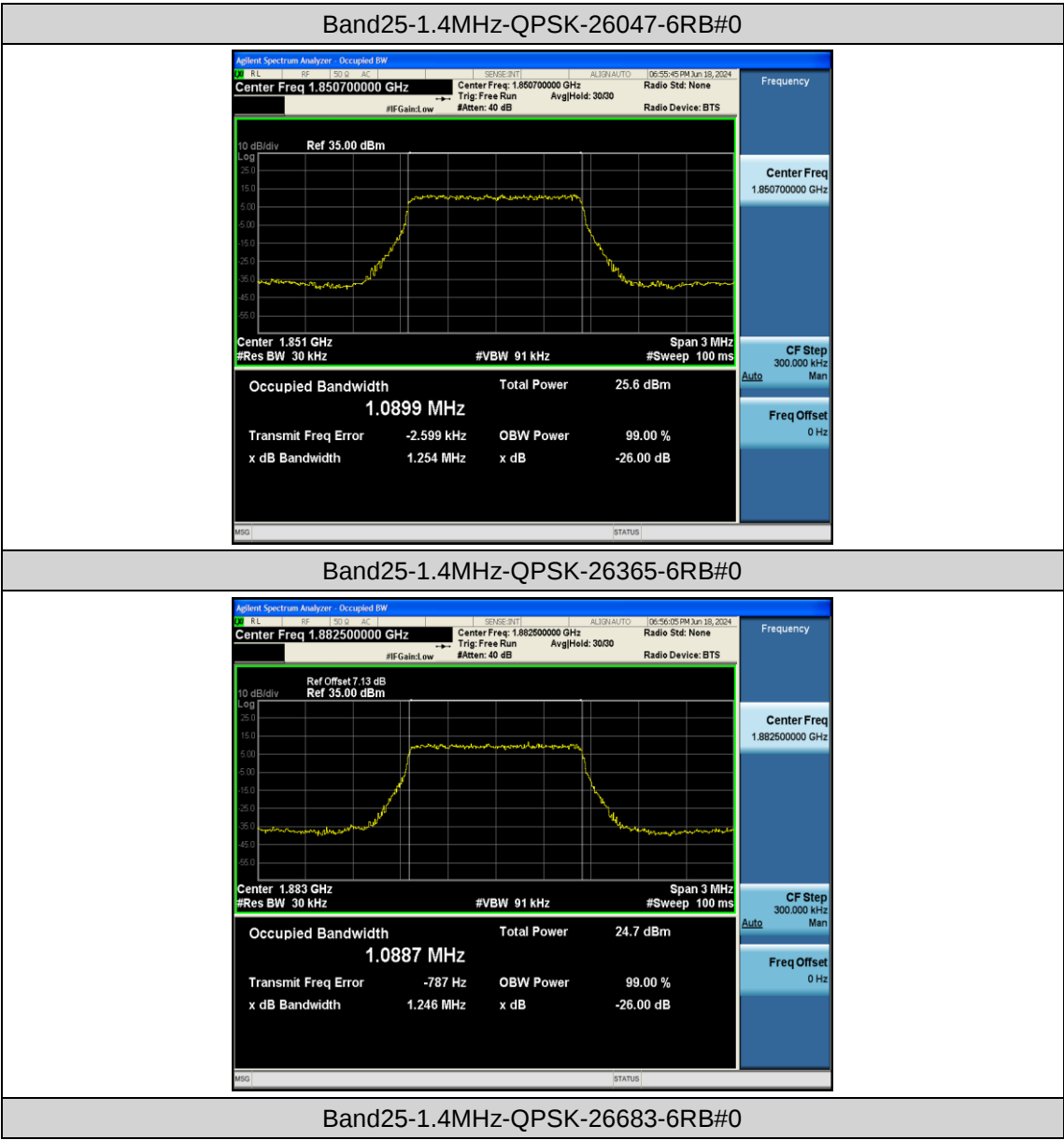
Appendix C: 26dB Bandwidth and Occupied Bandwidth

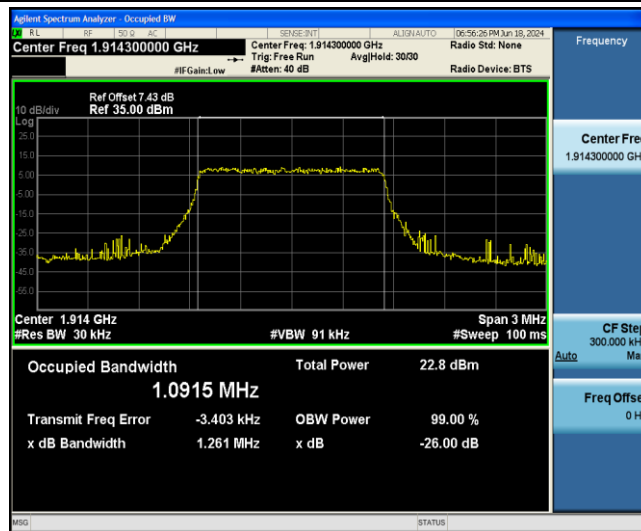
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band25	1.4MHz	QPSK	26047	6RB#0	1.0899	1.254	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	1.0887	1.246	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	1.0915	1.261	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	1.0911	1.250	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	1.0888	1.261	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	1.0921	1.252	PASS
Band25	3MHz	QPSK	26055	15RB#0	2.6945	2.907	PASS
Band25	3MHz	QPSK	26365	15RB#0	2.6950	2.920	PASS
Band25	3MHz	QPSK	26675	15RB#0	2.6954	2.882	PASS
Band25	3MHz	16QAM	26055	15RB#0	2.6894	2.928	PASS
Band25	3MHz	16QAM	26365	15RB#0	2.6932	2.915	PASS
Band25	3MHz	16QAM	26675	15RB#0	2.6891	2.910	PASS
Band25	5MHz	QPSK	26065	25RB#0	4.5021	4.901	PASS
Band25	5MHz	QPSK	26365	25RB#0	4.5002	4.899	PASS
Band25	5MHz	QPSK	26665	25RB#0	4.4932	4.839	PASS
Band25	5MHz	16QAM	26065	25RB#0	4.5035	4.853	PASS
Band25	5MHz	16QAM	26365	25RB#0	4.4993	4.877	PASS
Band25	5MHz	16QAM	26665	25RB#0	4.4957	4.839	PASS
Band25	10MHz	QPSK	26090	50RB#0	8.9677	9.554	PASS
Band25	10MHz	QPSK	26365	50RB#0	8.9549	9.532	PASS
Band25	10MHz	QPSK	26640	50RB#0	8.9236	9.511	PASS
Band25	10MHz	16QAM	26090	50RB#0	8.9523	9.527	PASS
Band25	10MHz	16QAM	26365	50RB#0	8.9436	9.517	PASS
Band25	10MHz	16QAM	26640	50RB#0	8.9058	9.479	PASS
Band25	15MHz	QPSK	26115	75RB#0	13.428	14.26	PASS
Band25	15MHz	QPSK	26365	75RB#0	13.418	14.28	PASS
Band25	15MHz	QPSK	26615	75RB#0	13.356	14.27	PASS
Band25	15MHz	16QAM	26115	75RB#0	13.422	14.25	PASS
Band25	15MHz	16QAM	26365	75RB#0	13.404	14.24	PASS
Band25	15MHz	16QAM	26615	75RB#0	13.355	14.22	PASS
Band25	20MHz	QPSK	26140	100RB#0	17.895	18.92	PASS
Band25	20MHz	QPSK	26365	100RB#0	17.858	18.92	PASS
Band25	20MHz	QPSK	26590	100RB#0	17.828	18.90	PASS

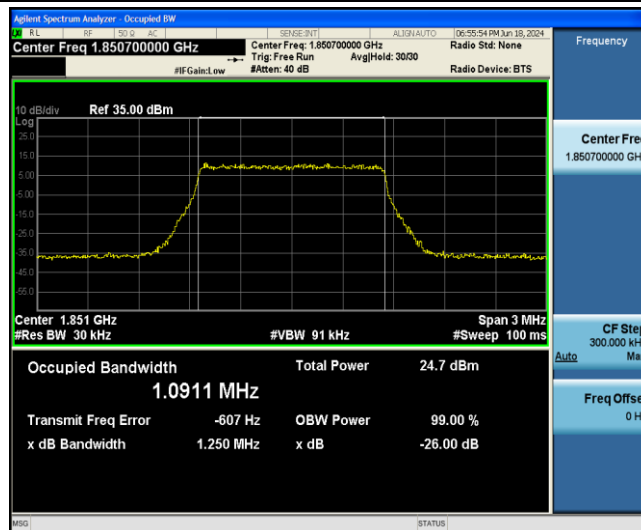
Band25	20MHz	16QAM	26140	100RB#0	17.893	18.94	PASS
Band25	20MHz	16QAM	26365	100RB#0	17.870	18.93	PASS
Band25	20MHz	16QAM	26590	100RB#0	17.806	18.90	PASS

Test Graphs

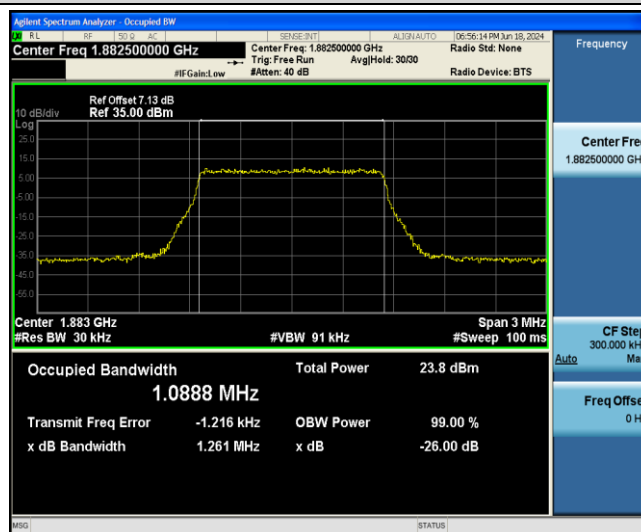




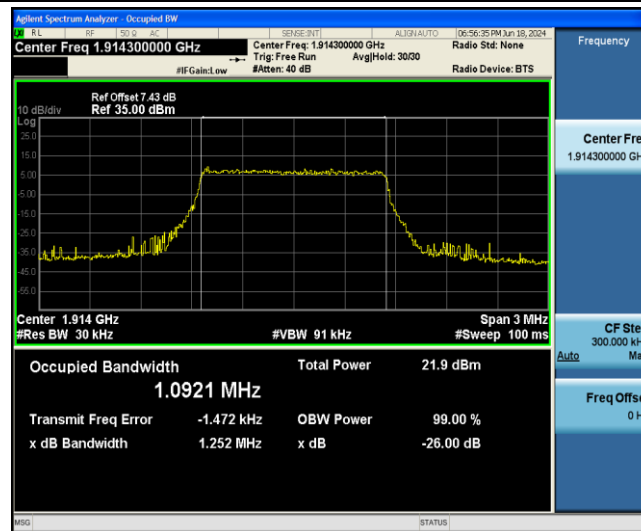
Band25-1.4MHz-16QAM-26047-6RB#0



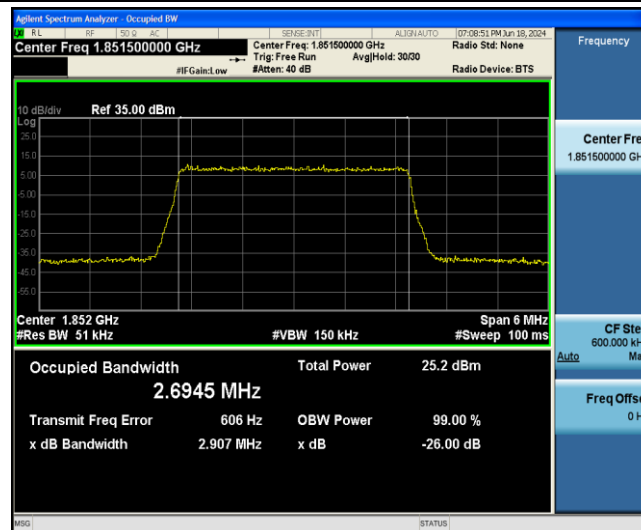
Band25-1.4MHz-16QAM-26365-6RB#0



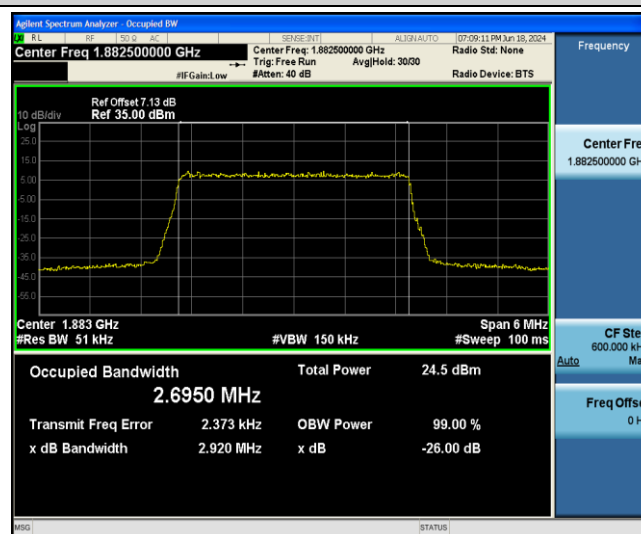
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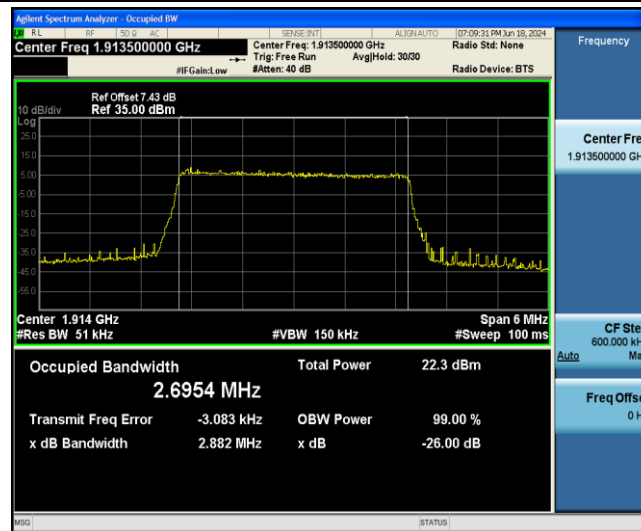
Band25-3MHz-QPSK-26055-15RB#0



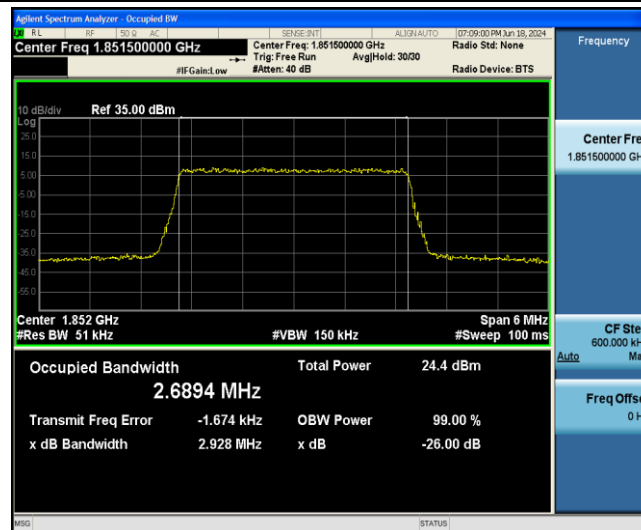
Band25-3MHz-QPSK-26365-15RB#0



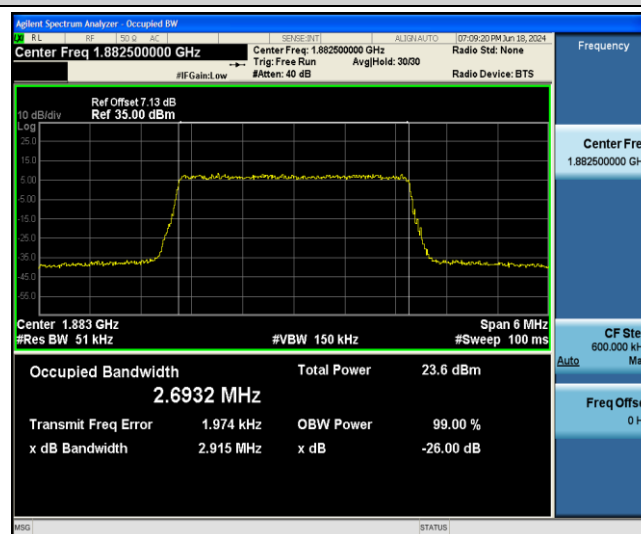
Band25-3MHz-QPSK-26675-15RB#0



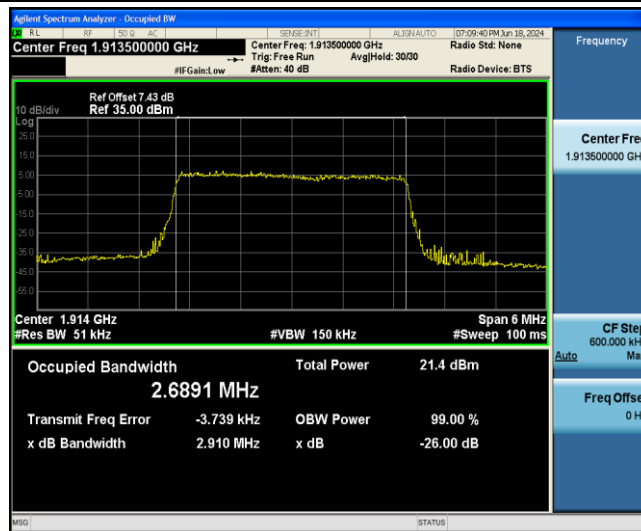
Band25-3MHz-16QAM-26055-15RB#0



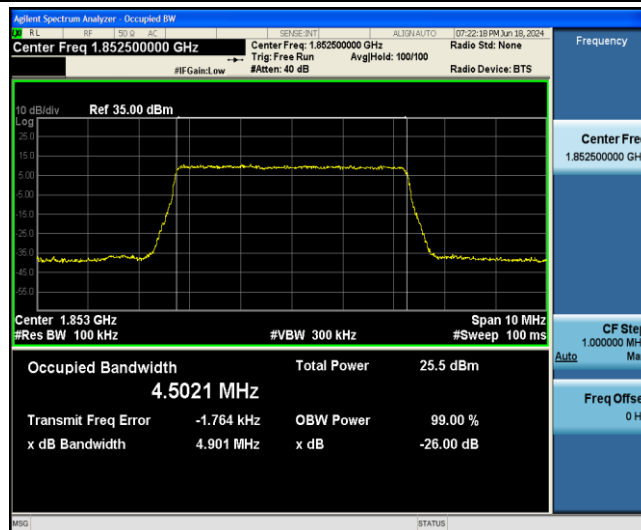
Band25-3MHz-16QAM-26365-15RB#0



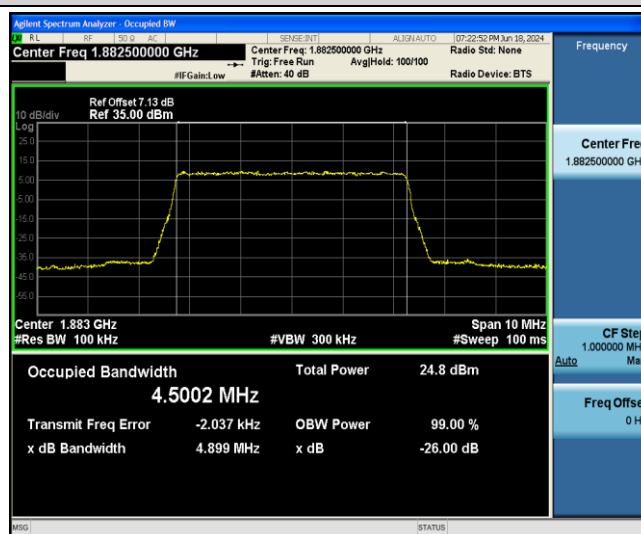
Band25-3MHz-16QAM-26675-15RB#0



Band25-5MHz-QPSK-26065-25RB#0



Band25-5MHz-QPSK-26365-25RB#0



Band25-5MHz-QPSK-26665-25RB#0