Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	Gain (dBi)	E.I.R.P (dBm)	Verdict
Band41	5MHz	QPSK	40265	1RB#0	21.64	-1.87	19.77	PASS
Band41	5MHz	QPSK	40265	1RB#12	21.78	-1.87	19.91	PASS
Band41	5MHz	QPSK	40265	1RB#24	21.64	-1.87	19.77	PASS
Band41	5MHz	QPSK	40265	12RB#0	20.68	-1.87	18.81	PASS
Band41	5MHz	QPSK	40265	12RB#6	20.70	-1.87	18.83	PASS
Band41	5MHz	QPSK	40265	12RB#13	20.72	-1.87	18.85	PASS
Band41	5MHz	QPSK	40265	25RB#0	20.69	-1.87	18.82	PASS
Band41	5MHz	QPSK	40690	1RB#0	21.46	-1.87	19.59	PASS
Band41	5MHz	QPSK	40690	1RB#12	21.56	-1.87	19.69	PASS
Band41	5MHz	QPSK	40690	1RB#24	21.33	-1.87	19.46	PASS
Band41	5MHz	QPSK	40690	12RB#0	20.58	-1.87	18.71	PASS
Band41	5MHz	QPSK	40690	12RB#6	20.60	-1.87	18.73	PASS
Band41	5MHz	QPSK	40690	12RB#13	20.62	-1.87	18.75	PASS
Band41	5MHz	QPSK	40690	25RB#0	20.64	-1.87	18.77	PASS
Band41	5MHz	QPSK	41215	1RB#0	21.31	-1.87	19.44	PASS
Band41	5MHz	QPSK	41215	1RB#12	21.31	-1.87	19.44	PASS
Band41	5MHz	QPSK	41215	1RB#24	21.30	-1.87	19.43	PASS
Band41	5MHz	QPSK	41215	12RB#0	20.44	-1.87	18.57	PASS
Band41	5MHz	QPSK	41215	12RB#6	20.47	-1.87	18.60	PASS
Band41	5MHz	QPSK	41215	12RB#13	20.45	-1.87	18.58	PASS
Band41	5MHz	QPSK	41215	25RB#0	20.43	-1.87	18.56	PASS
Band41	5MHz	16QAM	40265	1RB#0	20.76	-1.87	18.89	PASS
Band41	5MHz	16QAM	40265	1RB#12	20.84	-1.87	18.97	PASS
Band41	5MHz	16QAM	40265	1RB#24	20.77	-1.87	18.90	PASS
Band41	5MHz	16QAM	40265	12RB#0	19.73	-1.87	17.86	PASS
Band41	5MHz	16QAM	40265	12RB#6	19.73	-1.87	17.86	PASS
Band41	5MHz	16QAM	40265	12RB#13	19.69	-1.87	17.82	PASS
Band41	5MHz	16QAM	40265	25RB#0	19.68	-1.87	17.81	PASS
Band41	5MHz	16QAM	40690	1RB#0	20.64	-1.87	18.77	PASS
Band41	5MHz	16QAM	40690	1RB#12	20.57	-1.87	18.70	PASS
Band41	5MHz	16QAM	40690	1RB#24	20.70	-1.87	18.83	PASS

Band41	5MHz	16QAM	40690	12RB#0	19.54	-1.87	17.67	PASS
Band41	5MHz	16QAM	40690	12RB#6	19.64	-1.87	17.77	PASS
Band41	5MHz	16QAM	40690	12RB#13	19.61	-1.87	17.74	PASS
Band41	5MHz	16QAM	40690	25RB#0	19.64	-1.87	17.77	PASS
Band41	5MHz	16QAM	41215	1RB#0	20.35	-1.87	18.48	PASS
Band41	5MHz	16QAM	41215	1RB#12	20.59	-1.87	18.72	PASS
Band41	5MHz	16QAM	41215	1RB#24	20.61	-1.87	18.74	PASS
Band41	5MHz	16QAM	41215	12RB#0	19.61	-1.87	17.74	PASS
Band41	5MHz	16QAM	41215	12RB#6	19.46	-1.87	17.59	PASS
Band41	5MHz	16QAM	41215	12RB#13	19.50	-1.87	17.63	PASS
Band41	5MHz	16QAM	41215	25RB#0	19.56	-1.87	17.69	PASS
Band41	10MHz	QPSK	40290	1RB#0	21.84	-1.87	19.97	PASS
Band41	10MHz	QPSK	40290	1RB#24	21.95	-1.87	20.08	PASS
Band41	10MHz	QPSK	40290	1RB#49	21.84	-1.87	19.97	PASS
Band41	10MHz	QPSK	40290	25RB#0	20.66	-1.87	18.79	PASS
Band41	10MHz	QPSK	40290	25RB#12	20.67	-1.87	18.80	PASS
Band41	10MHz	QPSK	40290	25RB#25	20.74	-1.87	18.87	PASS
Band41	10MHz	QPSK	40290	50RB#0	20.72	-1.87	18.85	PASS
Band41	10MHz	QPSK	40690	1RB#0	21.58	-1.87	19.71	PASS
Band41	10MHz	QPSK	40690	1RB#24	21.80	-1.87	19.93	PASS
Band41	10MHz	QPSK	40690	1RB#49	21.40	-1.87	19.53	PASS
Band41	10MHz	QPSK	40690	25RB#0	20.64	-1.87	18.77	PASS
Band41	10MHz	QPSK	40690	25RB#12	20.65	-1.87	18.78	PASS
Band41	10MHz	QPSK	40690	25RB#25	20.70	-1.87	18.83	PASS
Band41	10MHz	QPSK	40690	50RB#0	20.65	-1.87	18.78	PASS
Band41	10MHz	QPSK	41190	1RB#0	21.53	-1.87	19.66	PASS
Band41	10MHz	QPSK	41190	1RB#24	21.37	-1.87	19.50	PASS
Band41	10MHz	QPSK	41190	1RB#49	21.24	-1.87	19.37	PASS
Band41	10MHz	QPSK	41190	25RB#0	20.50	-1.87	18.63	PASS
Band41	10MHz	QPSK	41190	25RB#12	20.51	-1.87	18.64	PASS
Band41	10MHz	QPSK	41190	25RB#25	20.43	-1.87	18.56	PASS
Band41	10MHz	QPSK	41190	50RB#0	20.46	-1.87	18.59	PASS
Band41	10MHz	16QAM	40290	1RB#0	20.60	-1.87	18.73	PASS
Band41	10MHz	16QAM	40290	1RB#24	20.88	-1.87	19.01	PASS
Band41	10MHz	16QAM	40290	1RB#49	20.57	-1.87	18.70	PASS
Band41	10MHz	16QAM	40290	25RB#0	19.72	-1.87	17.85	PASS
Band41	10MHz	16QAM	40290	25RB#12	19.74	-1.87	17.87	PASS

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Band41	10MHz	16QAM	40290	25RB#25	19.73	-1.87	17.86	PASS
Band41	10MHz	16QAM	40290	50RB#0	19.70	-1.87	17.83	PASS
Band41	10MHz	16QAM	40690	1RB#0	20.90	-1.87	19.03	PASS
Band41	10MHz	16QAM	40690	1RB#24	21.08	-1.87	19.21	PASS
Band41	10MHz	16QAM	40690	1RB#49	20.60	-1.87	18.73	PASS
Band41	10MHz	16QAM	40690	25RB#0	19.72	-1.87	17.85	PASS
Band41	10MHz	16QAM	40690	25RB#12	19.73	-1.87	17.86	PASS
Band41	10MHz	16QAM	40690	25RB#25	19.70	-1.87	17.83	PASS
Band41	10MHz	16QAM	40690	50RB#0	19.68	-1.87	17.81	PASS
Band41	10MHz	16QAM	41190	1RB#0	20.31	-1.87	18.44	PASS
Band41	10MHz	16QAM	41190	1RB#24	20.45	-1.87	18.58	PASS
Band41	10MHz	16QAM	41190	1RB#49	20.38	-1.87	18.51	PASS
Band41	10MHz	16QAM	41190	25RB#0	19.60	-1.87	17.73	PASS
Band41	10MHz	16QAM	41190	25RB#12	19.50	-1.87	17.63	PASS
Band41	10MHz	16QAM	41190	25RB#25	19.47	-1.87	17.60	PASS
Band41	10MHz	16QAM	41190	50RB#0	19.48	-1.87	17.61	PASS
Band41	15MHz	QPSK	40315	1RB#0	21.89	-1.87	20.02	PASS
Band41	15MHz	QPSK	40315	1RB#38	21.81	-1.87	19.94	PASS
Band41	15MHz	QPSK	40315	1RB#74	21.76	-1.87	19.89	PASS
Band41	15MHz	QPSK	40315	38RB#0	20.67	-1.87	18.80	PASS
Band41	15MHz	QPSK	40315	38RB#18	20.66	-1.87	18.79	PASS
Band41	15MHz	QPSK	40315	38RB#37	20.66	-1.87	18.79	PASS
Band41	15MHz	QPSK	40315	75RB#0	20.66	-1.87	18.79	PASS
Band41	15MHz	QPSK	40690	1RB#0	21.67	-1.87	19.80	PASS
Band41	15MHz	QPSK	40690	1RB#38	21.77	-1.87	19.90	PASS
Band41	15MHz	QPSK	40690	1RB#74	21.54	-1.87	19.67	PASS
Band41	15MHz	QPSK	40690	38RB#0	20.66	-1.87	18.79	PASS
Band41	15MHz	QPSK	40690	38RB#18	20.66	-1.87	18.79	PASS
Band41	15MHz	QPSK	40690	38RB#37	20.66	-1.87	18.79	PASS
Band41	15MHz	QPSK	40690	75RB#0	20.58	-1.87	18.71	PASS
Band41	15MHz	QPSK	41165	1RB#0	21.59	-1.87	19.72	PASS
Band41	15MHz	QPSK	41165	1RB#38	21.47	-1.87	19.60	PASS
Band41	15MHz	QPSK	41165	1RB#74	21.33	-1.87	19.46	PASS
Band41	15MHz	QPSK	41165	38RB#0	20.51	-1.87	18.64	PASS
Band41	15MHz	QPSK	41165	38RB#18	20.51	-1.87	18.64	PASS
Band41	15MHz	QPSK	41165	38RB#37	20.54	-1.87	18.67	PASS
Band41	15MHz	QPSK	41165	75RB#0	20.54	-1.87	18.67	PASS

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Band41	15MHz	16QAM	40315	1RB#0	20.63	-1.87	18.76	PASS
Band41	15MHz	16QAM	40315	1RB#38	20.78	-1.87	18.91	PASS
Band41	15MHz	16QAM	40315	1RB#74	20.47	-1.87	18.60	PASS
Band41	15MHz	16QAM	40315	38RB#0	20.66	-1.87	18.79	PASS
Band41	15MHz	16QAM	40315	38RB#18	20.66	-1.87	18.79	PASS
Band41	15MHz	16QAM	40315	38RB#37	20.66	-1.87	18.79	PASS
Band41	15MHz	16QAM	40315	75RB#0	19.73	-1.87	17.86	PASS
Band41	15MHz	16QAM	40690	1RB#0	20.72	-1.87	18.85	PASS
Band41	15MHz	16QAM	40690	1RB#38	20.75	-1.87	18.88	PASS
Band41	15MHz	16QAM	40690	1RB#74	20.57	-1.87	18.70	PASS
Band41	15MHz	16QAM	40690	38RB#0	20.66	-1.87	18.79	PASS
Band41	15MHz	16QAM	40690	38RB#18	20.66	-1.87	18.79	PASS
Band41	15MHz	16QAM	40690	38RB#37	20.57	-1.87	18.70	PASS
Band41	15MHz	16QAM	40690	75RB#0	19.66	-1.87	17.79	PASS
Band41	15MHz	16QAM	41165	1RB#0	20.72	-1.87	18.85	PASS
Band41	15MHz	16QAM	41165	1RB#38	20.46	-1.87	18.59	PASS
Band41	15MHz	16QAM	41165	1RB#74	20.49	-1.87	18.62	PASS
Band41	15MHz	16QAM	41165	38RB#0	20.51	-1.87	18.64	PASS
Band41	15MHz	16QAM	41165	38RB#18	20.53	-1.87	18.66	PASS
Band41	15MHz	16QAM	41165	38RB#37	20.53	-1.87	18.66	PASS
Band41	15MHz	16QAM	41165	75RB#0	19.55	-1.87	17.68	PASS
Band41	20MHz	QPSK	40340	1RB#0	21.64	-1.87	19.77	PASS
Band41	20MHz	QPSK	40340	1RB#49	21.74	-1.87	19.87	PASS
Band41	20MHz	QPSK	40340	1RB#99	21.70	-1.87	19.83	PASS
Band41	20MHz	QPSK	40340	50RB#0	20.69	-1.87	18.82	PASS
Band41	20MHz	QPSK	40340	50RB#25	20.75	-1.87	18.88	PASS
Band41	20MHz	QPSK	40340	50RB#50	20.73	-1.87	18.86	PASS
Band41	20MHz	QPSK	40340	100RB#0	20.66	-1.87	18.79	PASS
Band41	20MHz	QPSK	40690	1RB#0	21.60	-1.87	19.73	PASS
Band41	20MHz	QPSK	40690	1RB#49	21.95	-1.87	20.08	PASS
Band41	20MHz	QPSK	40690	1RB#99	21.41	-1.87	19.54	PASS
Band41	20MHz	QPSK	40690	50RB#0	20.66	-1.87	18.79	PASS
Band41	20MHz	QPSK	40690	50RB#25	20.67	-1.87	18.80	PASS
Band41	20MHz	QPSK	40690	50RB#50	20.50	-1.87	18.63	PASS
Band41	20MHz	QPSK	40690	100RB#0	20.65	-1.87	18.78	PASS
Band41	20MHz	QPSK	41140	1RB#0	21.29	-1.87	19.42	PASS
Band41	20MHz	QPSK	41140	1RB#49	21.46	-1.87	19.59	PASS

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Band41	20MHz	QPSK	41140	1RB#99	21.34	-1.87	19.47	PASS
Band41	20MHz	QPSK	41140	50RB#0	20.54	-1.87	18.67	PASS
Band41	20MHz	QPSK	41140	50RB#25	20.54	-1.87	18.67	PASS
Band41	20MHz	QPSK	41140	50RB#50	20.52	-1.87	18.65	PASS
Band41	20MHz	QPSK	41140	100RB#0	20.50	-1.87	18.63	PASS
Band41	20MHz	16QAM	40340	1RB#0	21.01	-1.87	19.14	PASS
Band41	20MHz	16QAM	40340	1RB#49	21.08	-1.87	19.21	PASS
Band41	20MHz	16QAM	40340	1RB#99	20.81	-1.87	18.94	PASS
Band41	20MHz	16QAM	40340	50RB#0	19.72	-1.87	17.85	PASS
Band41	20MHz	16QAM	40340	50RB#25	19.75	-1.87	17.88	PASS
Band41	20MHz	16QAM	40340	50RB#50	19.67	-1.87	17.80	PASS
Band41	20MHz	16QAM	40340	100RB#0	19.64	-1.87	17.77	PASS
Band41	20MHz	16QAM	40690	1RB#0	20.71	-1.87	18.84	PASS
Band41	20MHz	16QAM	40690	1RB#49	20.99	-1.87	19.12	PASS
Band41	20MHz	16QAM	40690	1RB#99	20.40	-1.87	18.53	PASS
Band41	20MHz	16QAM	40690	50RB#0	19.60	-1.87	17.73	PASS
Band41	20MHz	16QAM	40690	50RB#25	19.58	-1.87	17.71	PASS
Band41	20MHz	16QAM	40690	50RB#50	19.54	-1.87	17.67	PASS
Band41	20MHz	16QAM	40690	100RB#0	19.66	-1.87	17.79	PASS
Band41	20MHz	16QAM	41140	1RB#0	20.38	-1.87	18.51	PASS
Band41	20MHz	16QAM	41140	1RB#49	20.82	-1.87	18.95	PASS
Band41	20MHz	16QAM	41140	1RB#99	20.51	-1.87	18.64	PASS
Band41	20MHz	16QAM	41140	50RB#0	19.60	-1.87	17.73	PASS
Band41	20MHz	16QAM	41140	50RB#25	19.60	-1.87	17.73	PASS
Band41	20MHz	16QAM	41140	50RB#50	19.63	-1.87	17.76	PASS
Band41	20MHz	16QAM	41140	100RB#0	19.57	-1.87	17.70	PASS

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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	40265	1RB#0	4.28	13	PASS
Band41	5MHz	QPSK	40265	25RB#0	4.68	13	PASS
Band41	5MHz	QPSK	40690	1RB#0	4.35	13	PASS
Band41	5MHz	QPSK	40690	25RB#0	4.33	13	PASS
Band41	5MHz	QPSK	41215	1RB#0	3.93	13	PASS
Band41	5MHz	QPSK	41215	25RB#0	4.17	13	PASS
Band41	5MHz	16QAM	40265	1RB#0	5.03	13	PASS
Band41	5MHz	16QAM	40265	25RB#0	5.61	13	PASS
Band41	5MHz	16QAM	40690	1RB#0	5.06	13	PASS
Band41	5MHz	16QAM	40690	25RB#0	5.23	13	PASS
Band41	5MHz	16QAM	41215	1RB#0	4.50	13	PASS
Band41	5MHz	16QAM	41215	25RB#0	5.08	13	PASS
Band41	10MHz	QPSK	40290	1RB#0	4.39	13	PASS
Band41	10MHz	QPSK	40290	50RB#0	4.82	13	PASS
Band41	10MHz	QPSK	40690	1RB#0	4.23	13	PASS
Band41	10MHz	QPSK	40690	50RB#0	4.35	13	PASS
Band41	10MHz	QPSK	41190	1RB#0	4.14	13	PASS
Band41	10MHz	QPSK	41190	50RB#0	4.39	13	PASS
Band41	10MHz	16QAM	40290	1RB#0	5.60	13	PASS
Band41	10MHz	16QAM	40290	50RB#0	5.70	13	PASS
Band41	10MHz	16QAM	40690	1RB#0	5.59	13	PASS
Band41	10MHz	16QAM	40690	50RB#0	5.27	13	PASS
Band41	10MHz	16QAM	41190	1RB#0	5.26	13	PASS
Band41	10MHz	16QAM	41190	50RB#0	5.28	13	PASS
Band41	15MHz	QPSK	40315	1RB#0	4.86	13	PASS
Band41	15MHz	QPSK	40315	75RB#0	5.04	13	PASS
Band41	15MHz	QPSK	40690	1RB#0	4.07	13	PASS
Band41	15MHz	QPSK	40690	75RB#0	4.66	13	PASS
Band41	15MHz	QPSK	41165	1RB#0	4.17	13	PASS
Band41	15MHz	QPSK	41165	75RB#0	4.73	13	PASS
Band41	15MHz	16QAM	40315	1RB#0	5.06	13	PASS
Band41	15MHz	16QAM	40315	75RB#0	5.81	13	PASS
Band41	15MHz	16QAM	40690	1RB#0	5.63	13	PASS
Band41	15MHz	16QAM	40690	75RB#0	5.46	13	PASS
Band41	15MHz	16QAM	41165	1RB#0	5.46	13	PASS

Band41	15MHz	16QAM	41165	75RB#0	5.55	13	PASS
Band41	20MHz	QPSK	40340	1RB#0	4.23	13	PASS
Band41	20MHz	QPSK	40340	100RB#0	4.93	13	PASS
Band41	20MHz	QPSK	40690	1RB#0	4.07	13	PASS
Band41	20MHz	QPSK	40690	100RB#0	4.65	13	PASS
Band41	20MHz	QPSK	41140	1RB#0	4.15	13	PASS
Band41	20MHz	QPSK	41140	100RB#0	4.74	13	PASS
Band41	20MHz	16QAM	40340	1RB#0	5.08	13	PASS
Band41	20MHz	16QAM	40340	100RB#0	5.82	13	PASS
Band41	20MHz	16QAM	40690	1RB#0	5.19	13	PASS
Band41	20MHz	16QAM	40690	100RB#0	5.51	13	PASS
Band41	20MHz	16QAM	41140	1RB#0	5.15	13	PASS
Band41	20MHz	16QAM	41140	100RB#0	5.63	13	PASS

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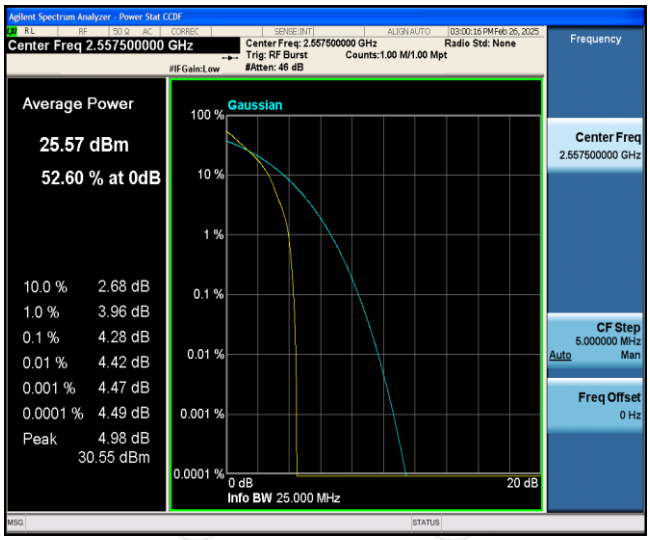
Test Graphs



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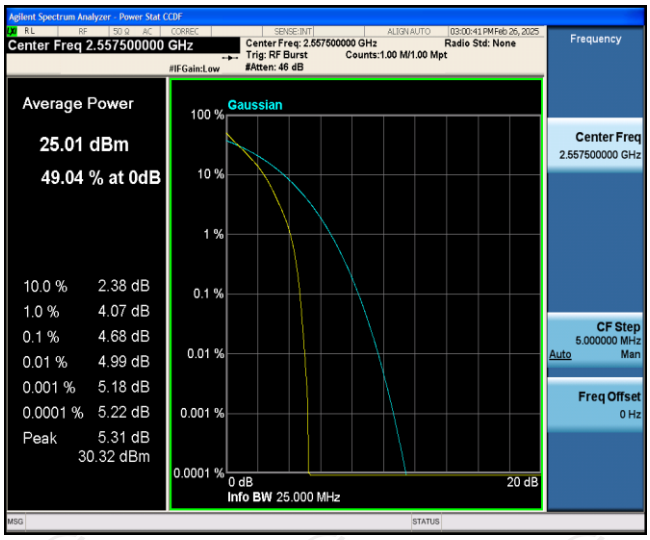

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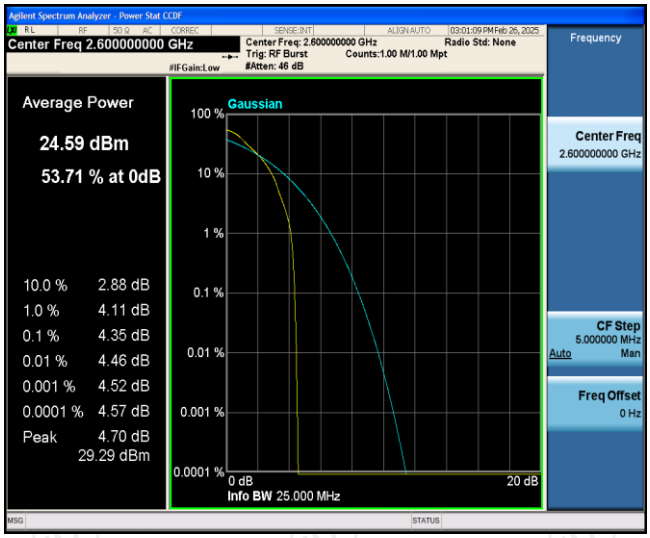

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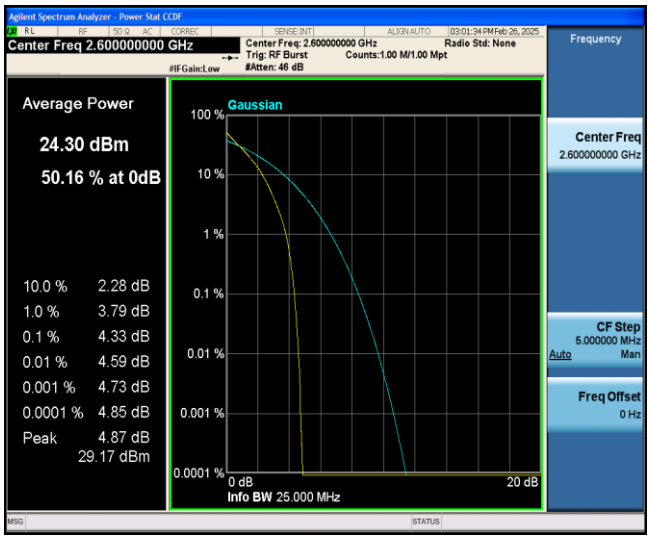
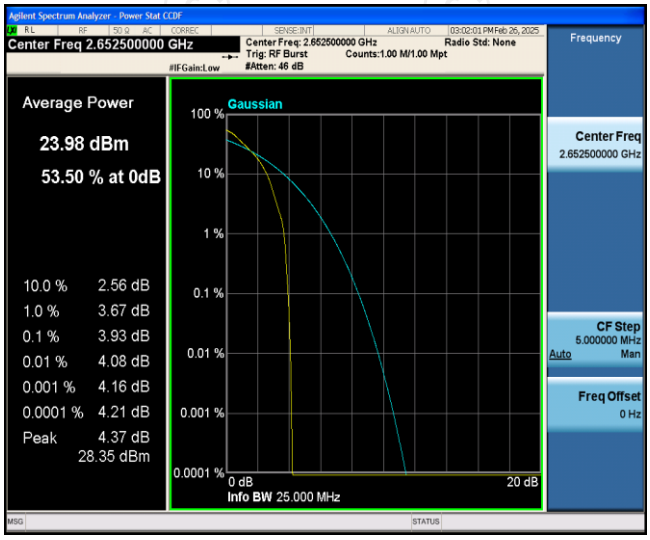


Band41-5MHz-QPSK-40690-25RB#0



Band41-5MHz-QPSK-41215-1RB#0

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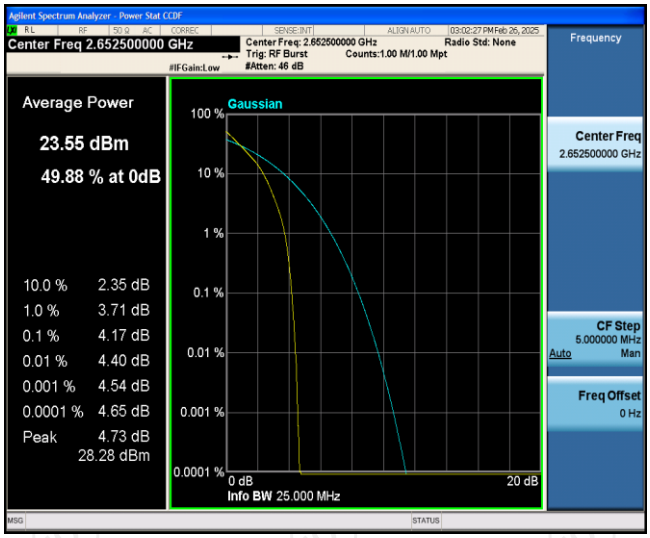

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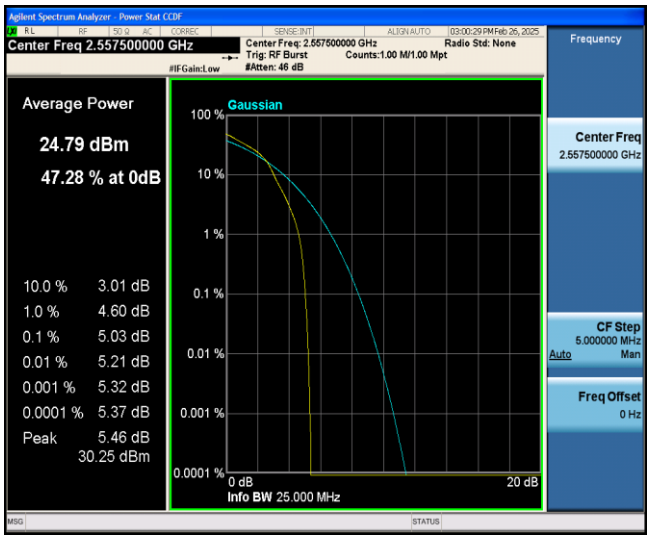

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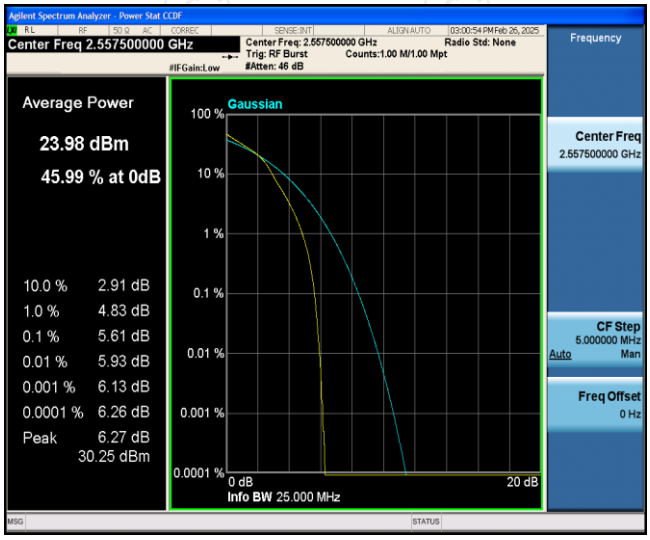

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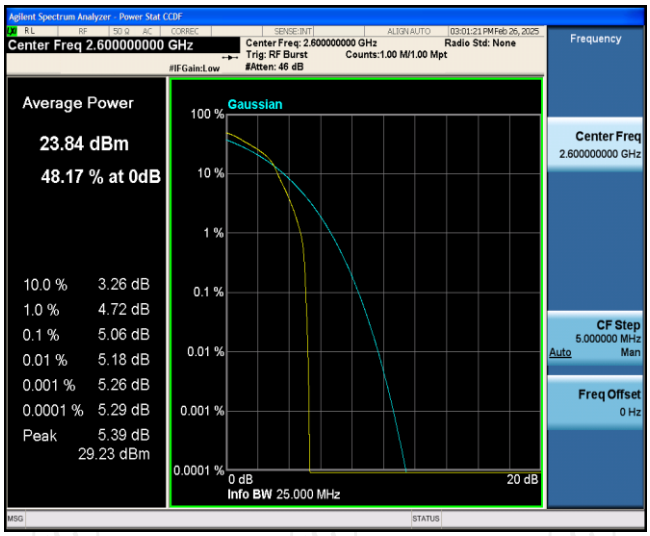

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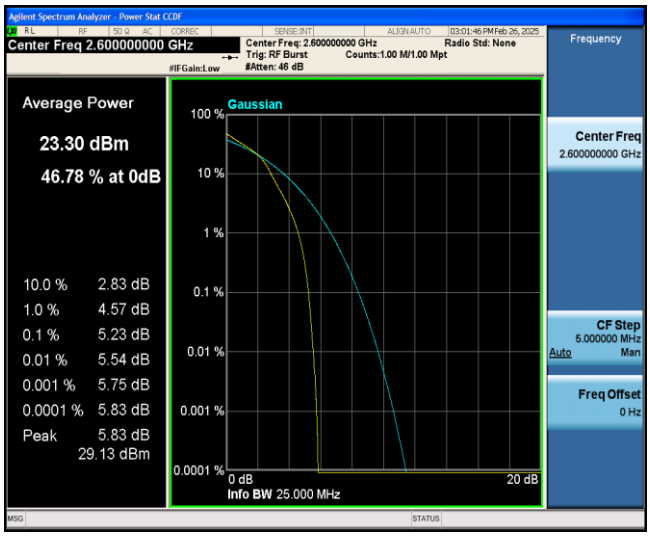

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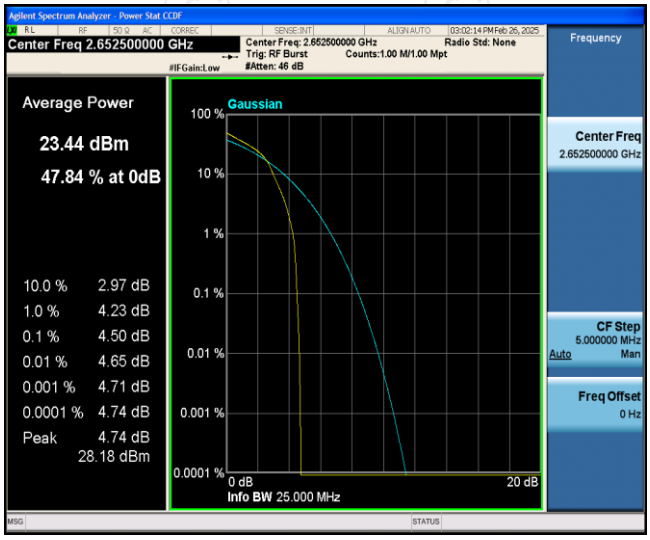

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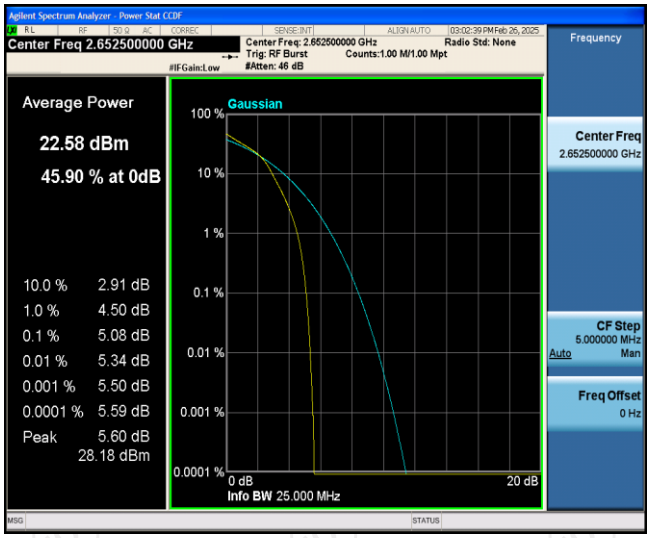

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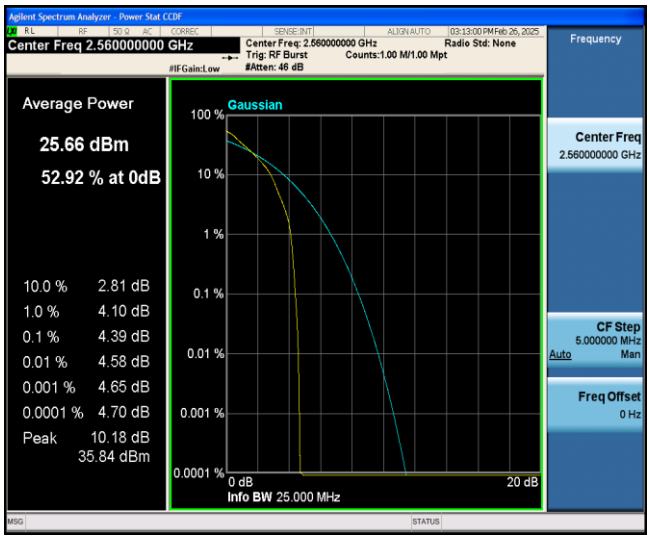

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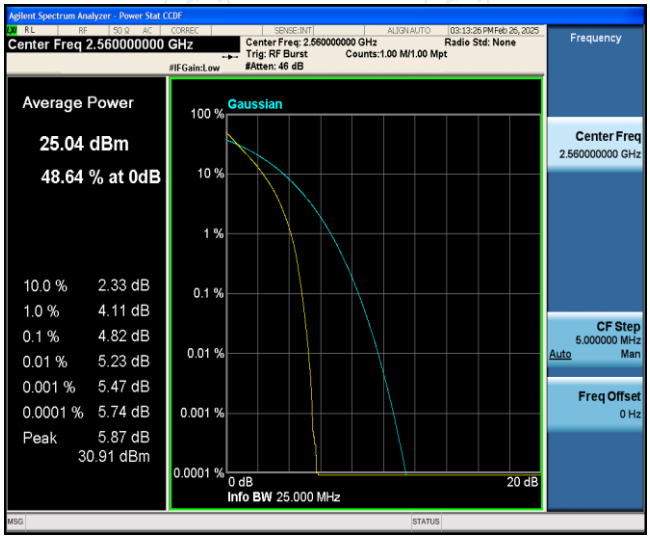

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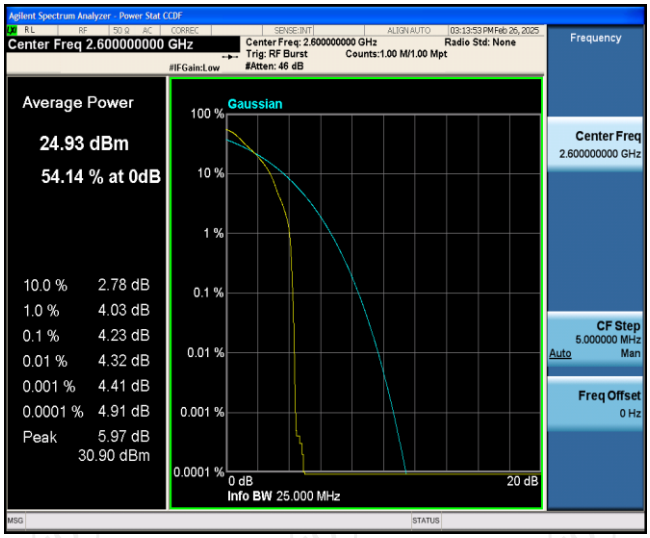

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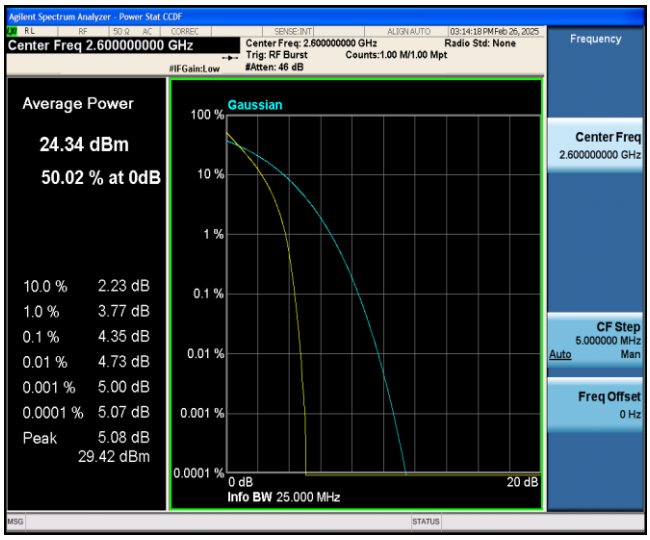

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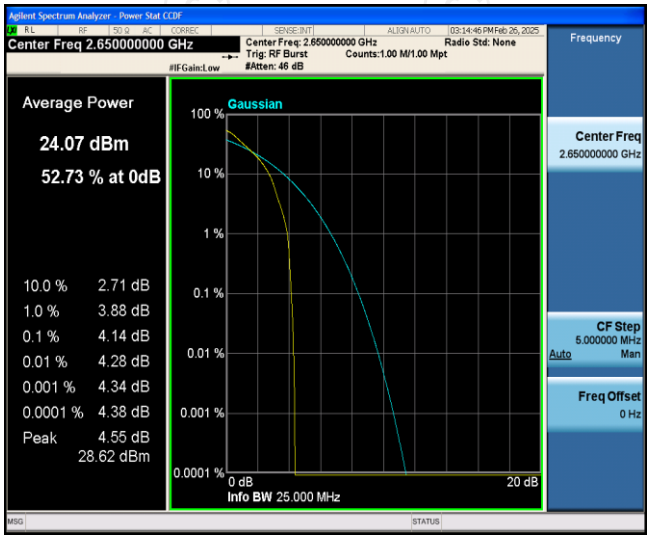

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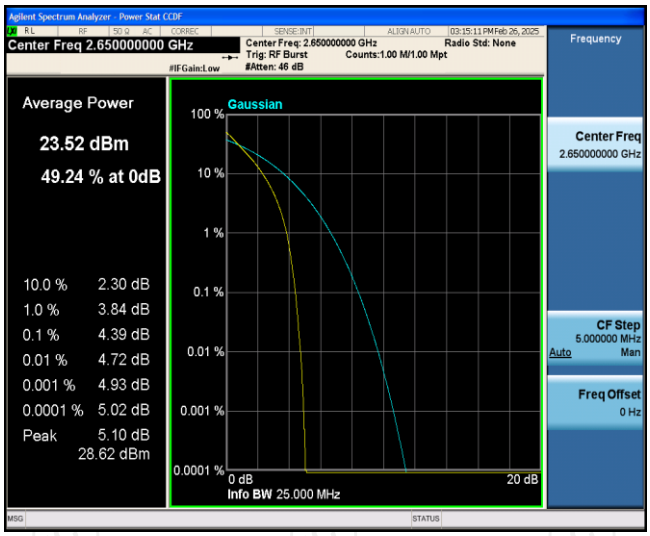
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



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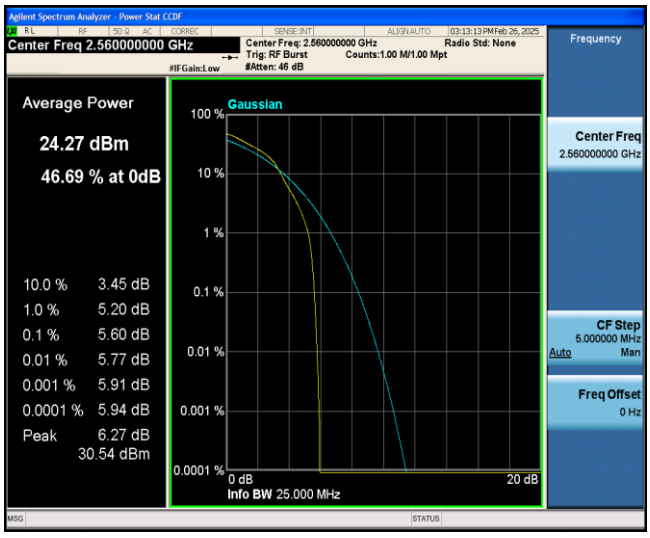

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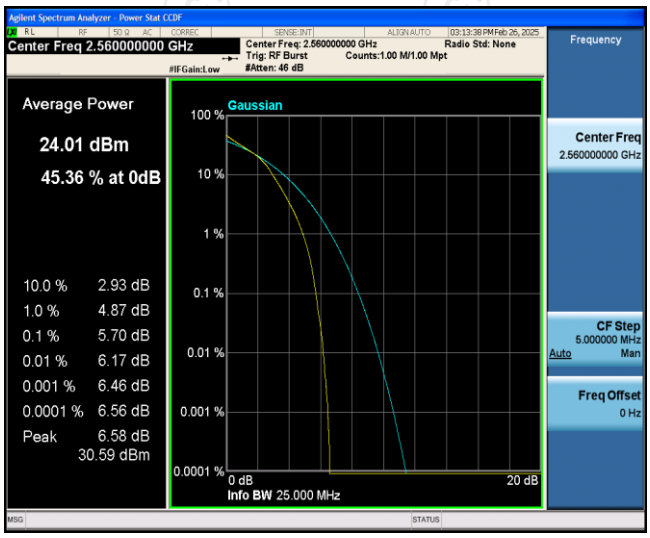

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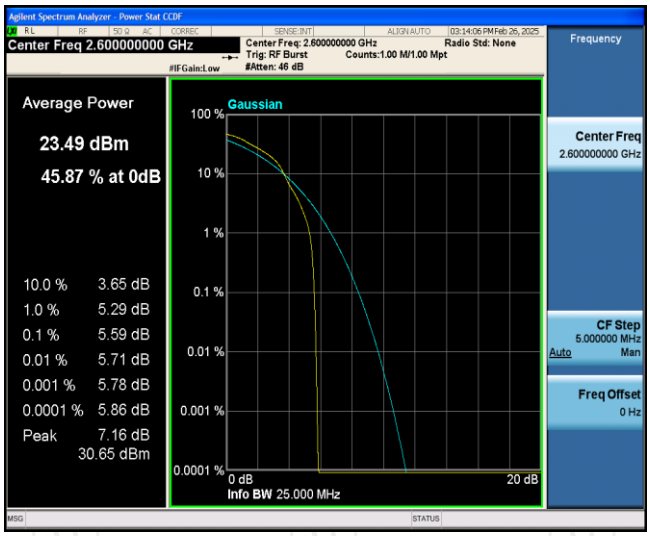

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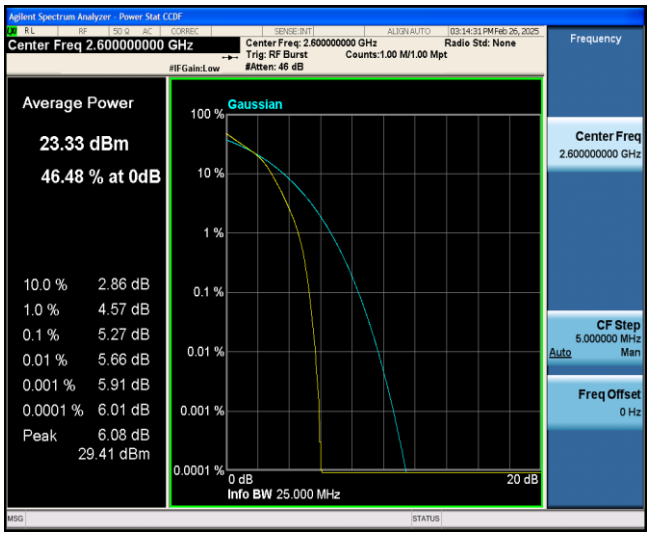

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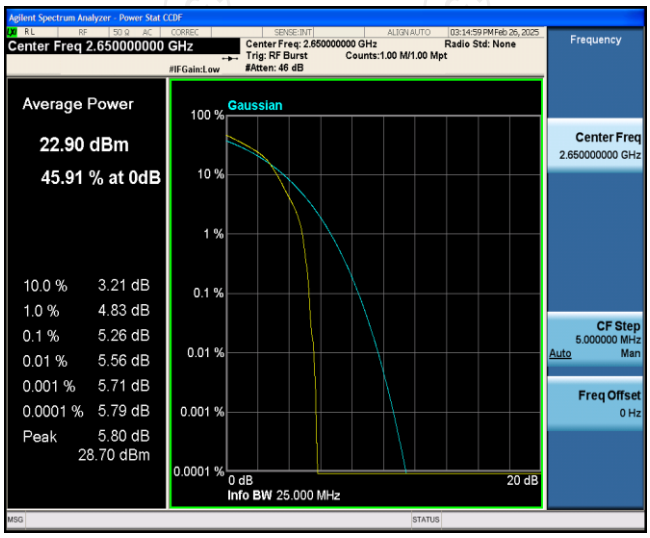
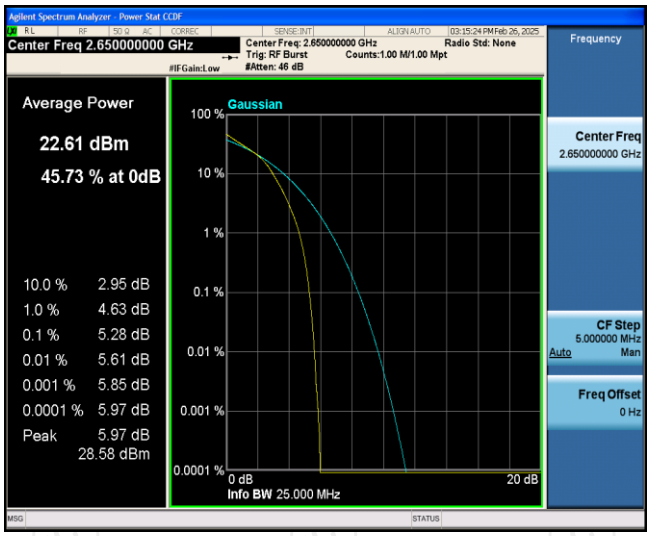


Band41-10MHz-16QAM-41190-1RB#0

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



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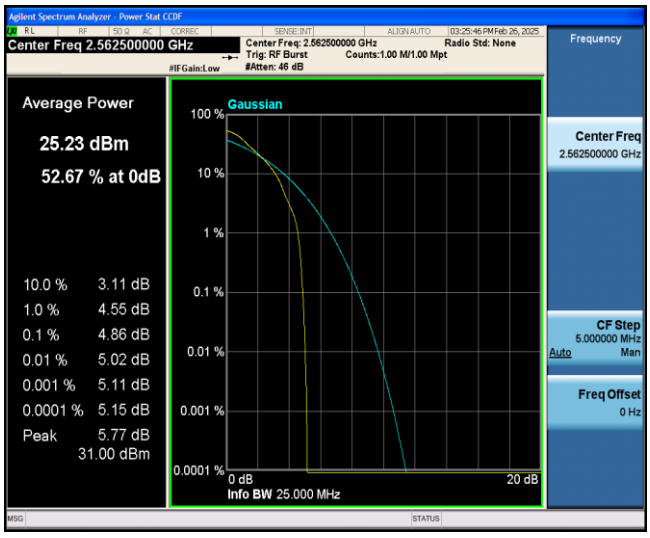

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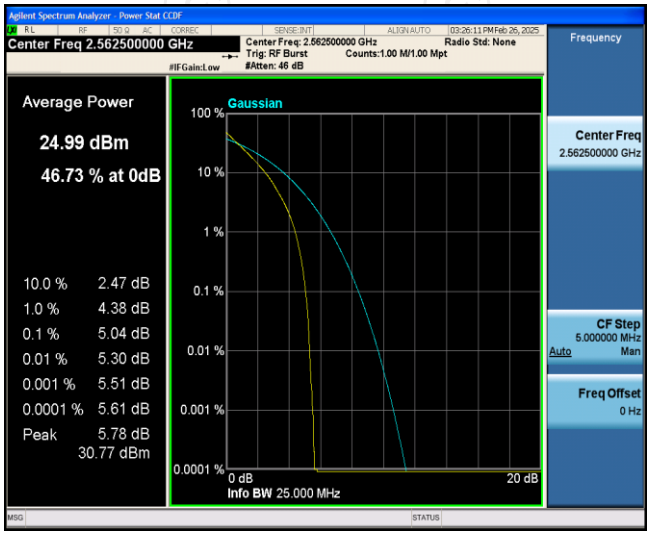

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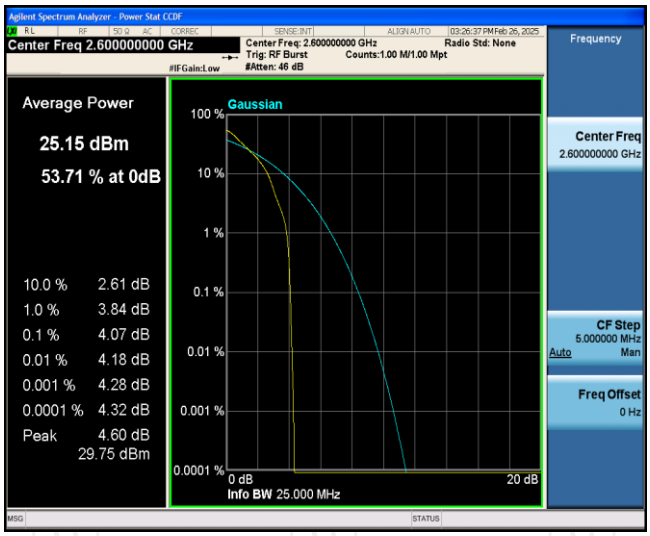
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



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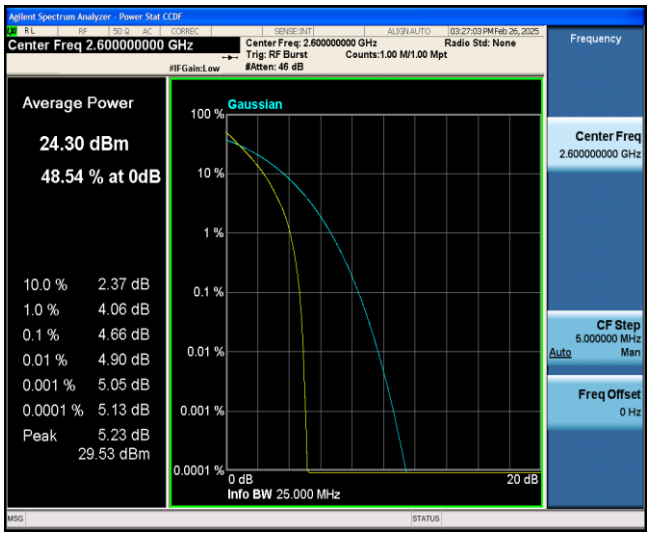

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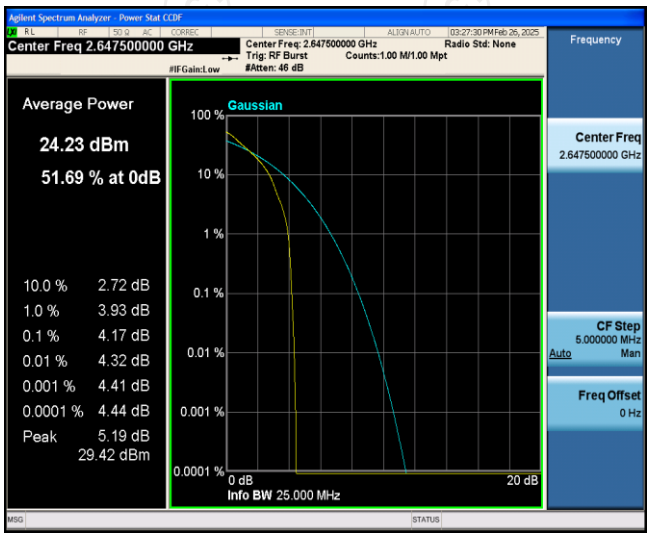

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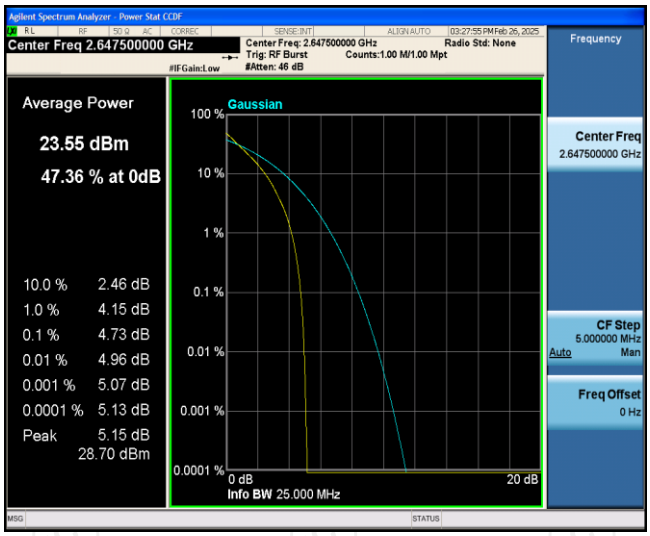

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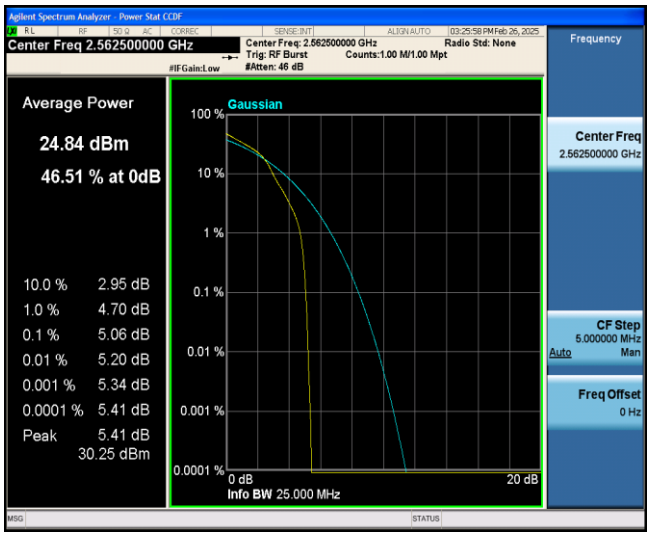

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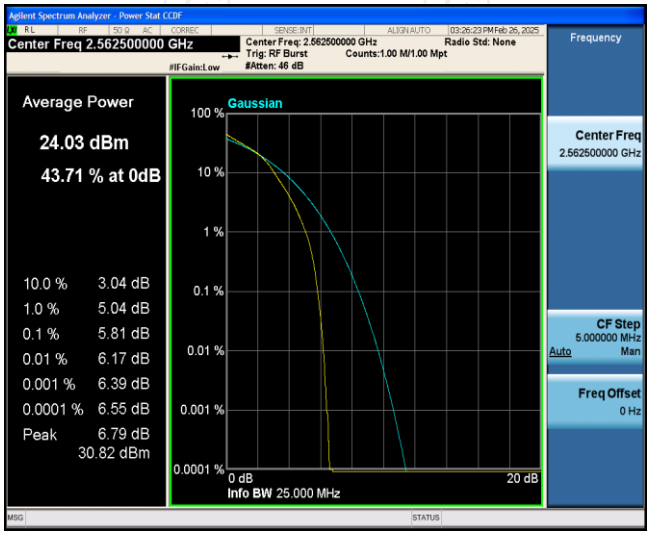
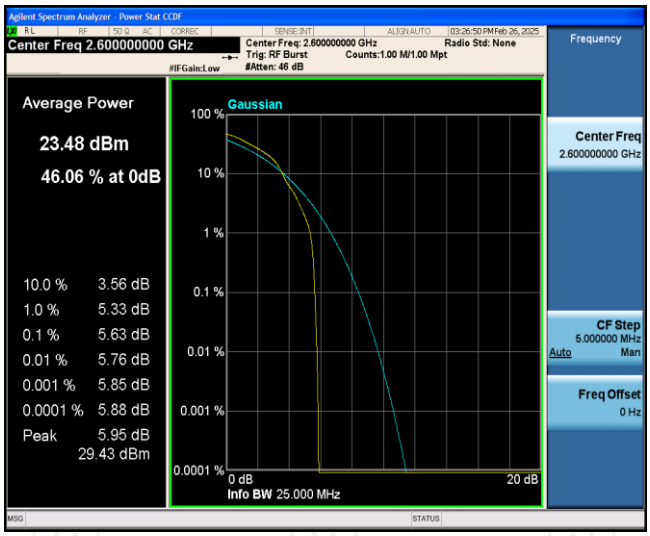


Band41-15MHz-16QAM-40315-75RB#0

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



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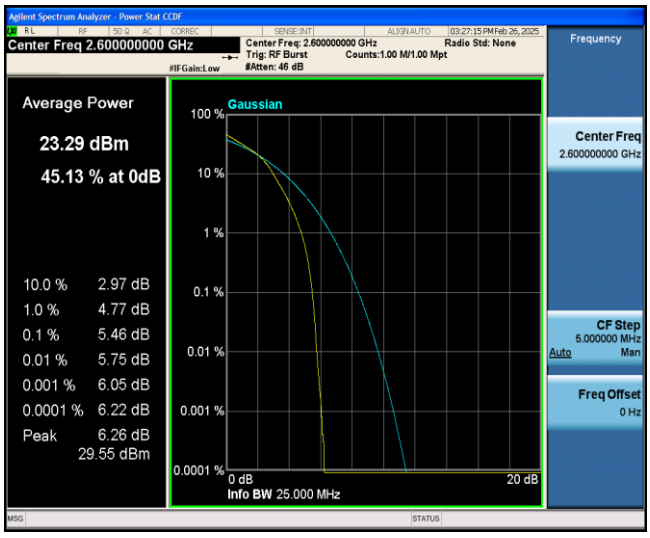

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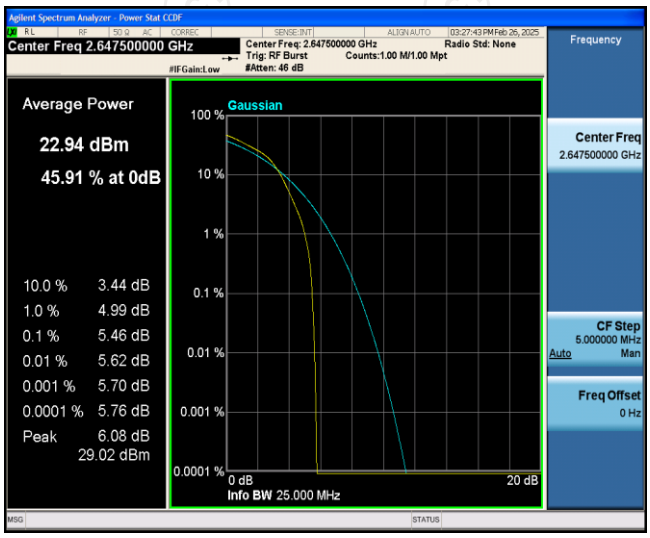
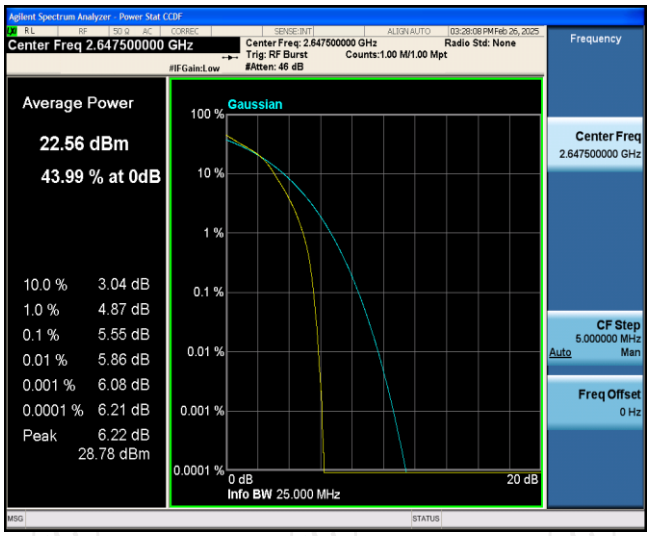


Band41-15MHz-16QAM-41165-1RB#0

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



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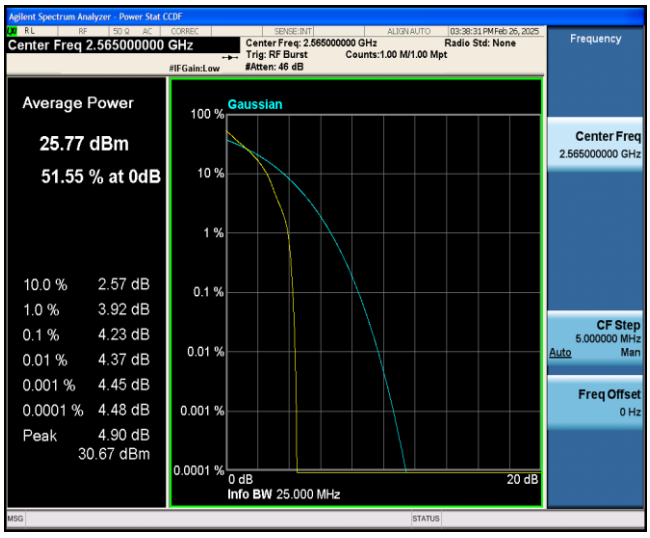

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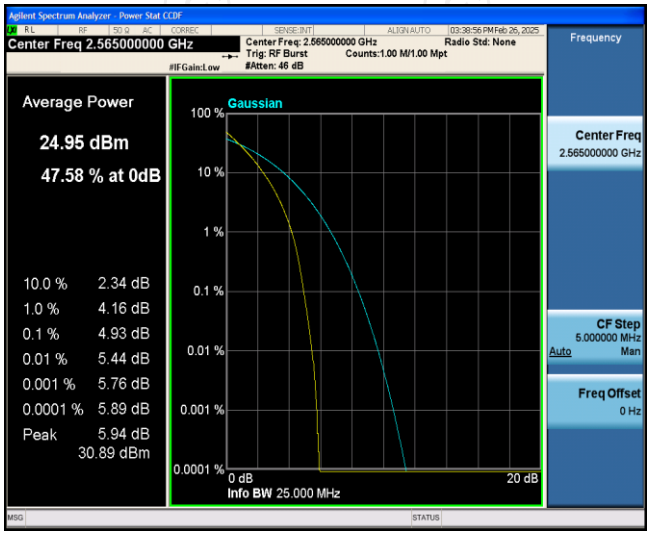

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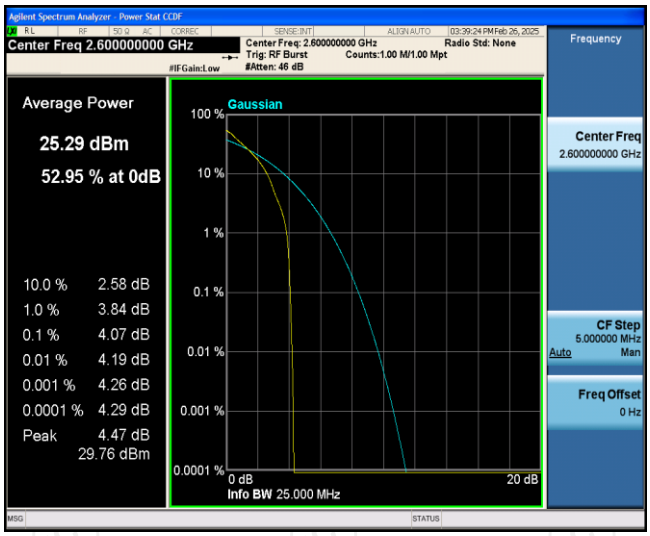
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



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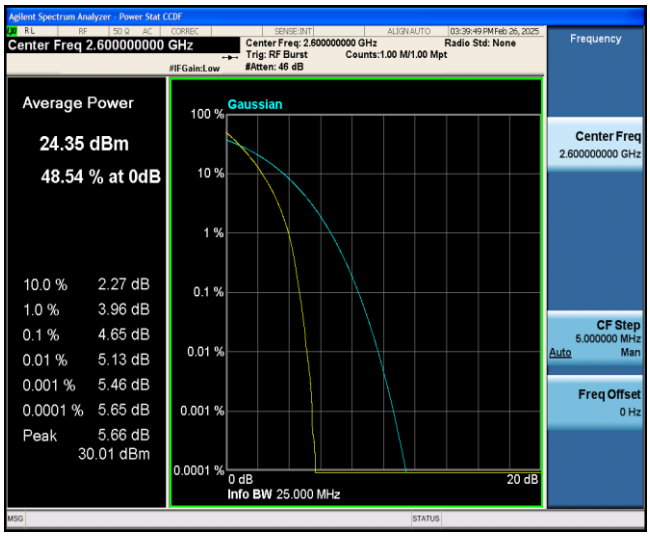

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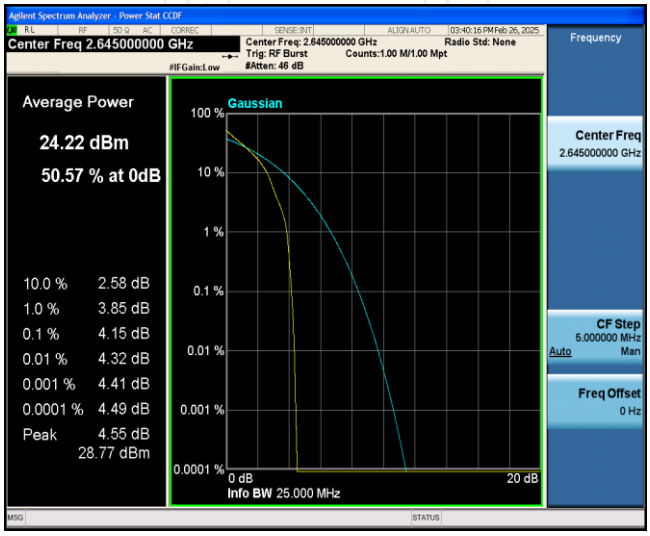

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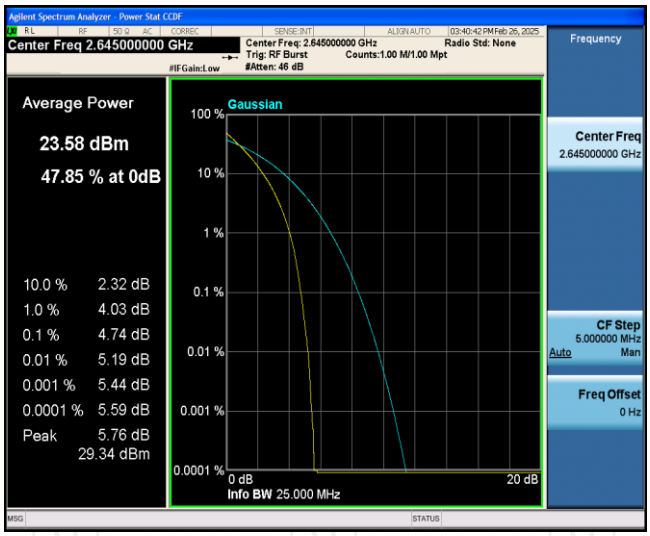

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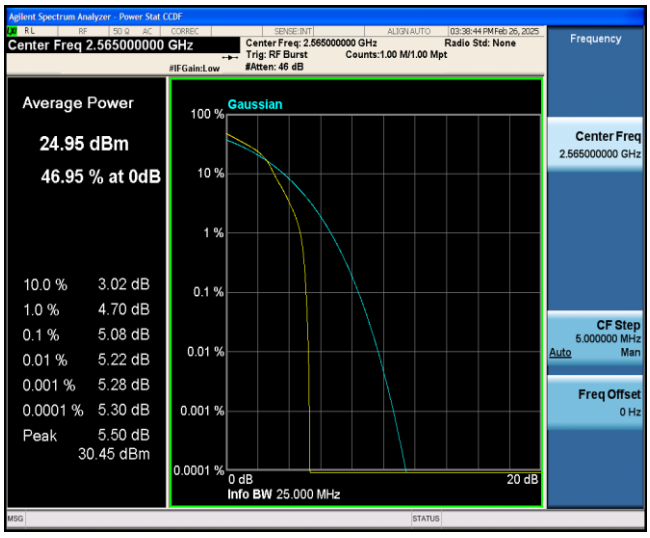

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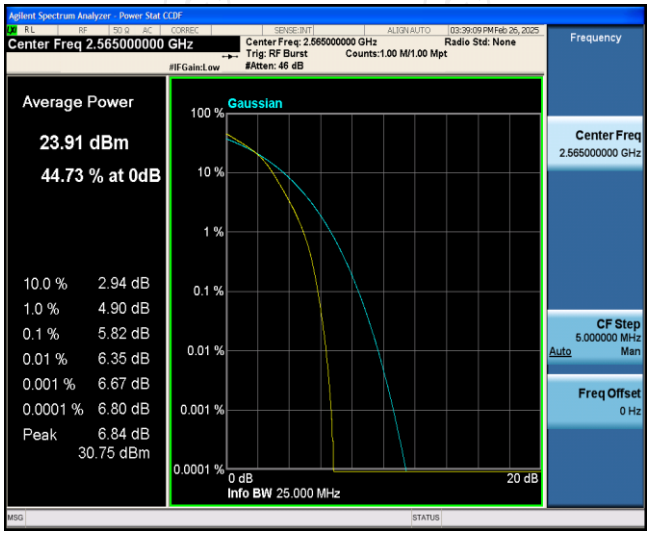
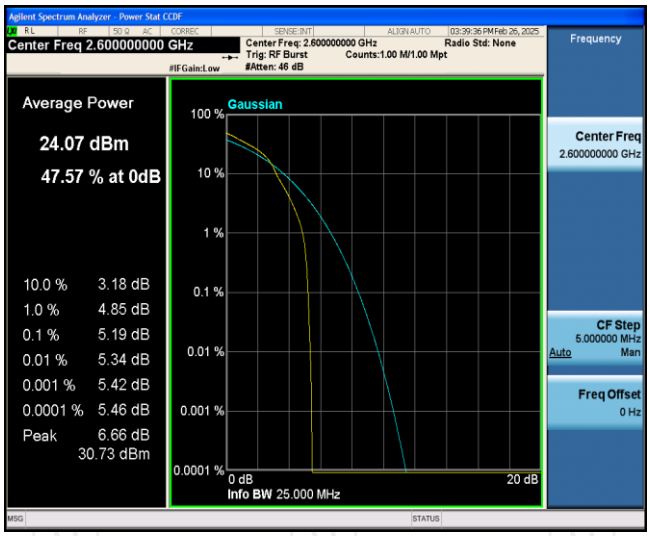


Band41-20MHz-16QAM-40340-100RB#0

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



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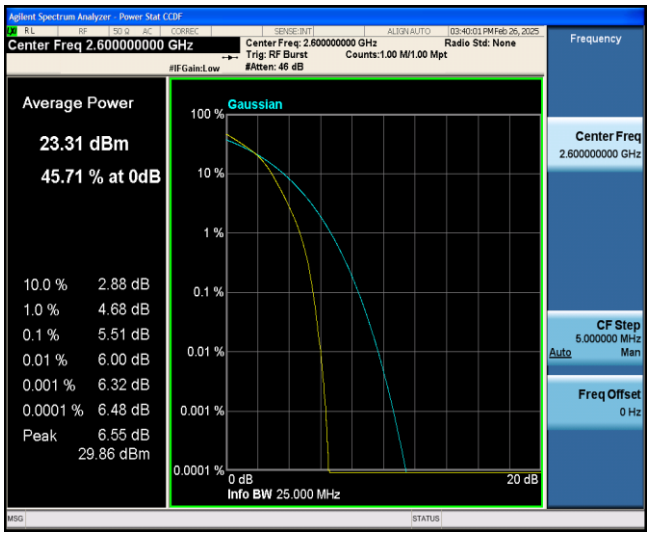

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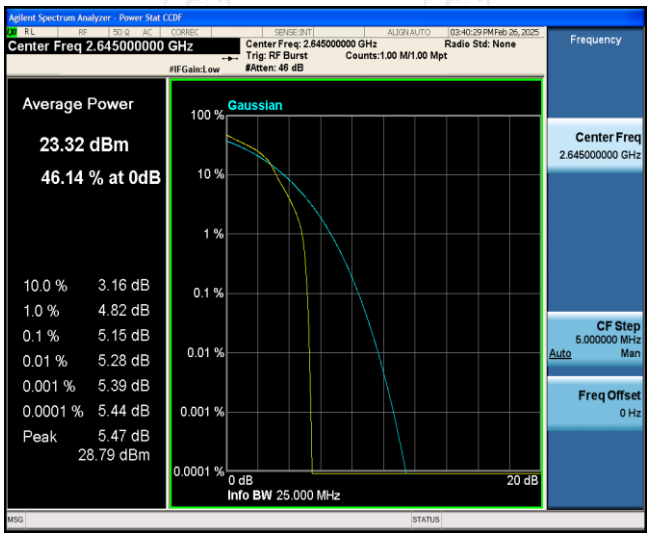

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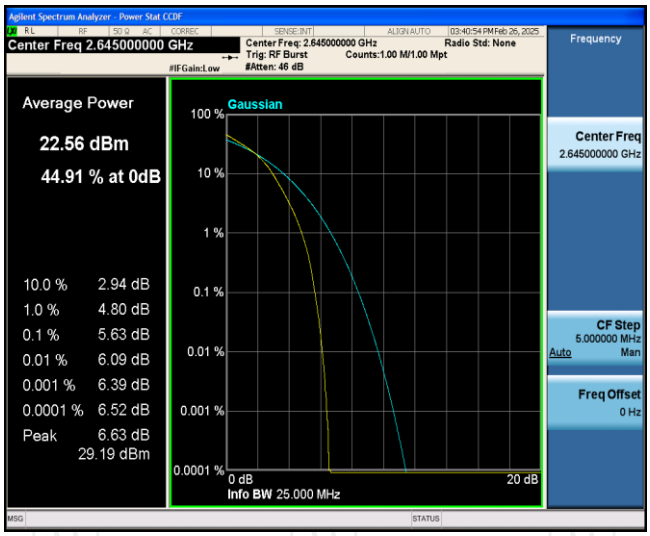


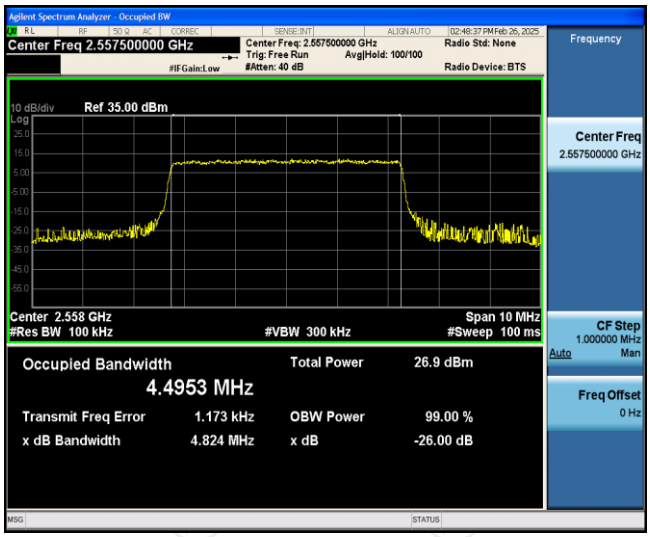
Band41-20MHz-16QAM-41140-100RB#0

Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	40265	25RB#0	4.4953	4.824	PASS
Band41	5MHz	QPSK	40690	25RB#0	4.4845	4.878	PASS
Band41	5MHz	QPSK	41215	25RB#0	4.5065	4.808	PASS
Band41	5MHz	16QAM	40265	25RB#0	4.4967	4.847	PASS
Band41	5MHz	16QAM	40690	25RB#0	4.4970	4.855	PASS
Band41	5MHz	16QAM	41215	25RB#0	4.4899	4.871	PASS
Band41	10MHz	QPSK	40290	50RB#0	8.9503	9.519	PASS
Band41	10MHz	QPSK	40690	50RB#0	8.9599	9.517	PASS
Band41	10MHz	QPSK	41190	50RB#0	8.9587	9.505	PASS
Band41	10MHz	16QAM	40290	50RB#0	8.9456	9.508	PASS
Band41	10MHz	16QAM	40690	50RB#0	8.9605	9.518	PASS
Band41	10MHz	16QAM	41190	50RB#0	8.9631	9.476	PASS
Band41	15MHz	QPSK	40315	75RB#0	13.430	14.23	PASS
Band41	15MHz	QPSK	40690	75RB#0	13.416	14.24	PASS
Band41	15MHz	QPSK	41165	75RB#0	13.414	14.23	PASS
Band41	15MHz	16QAM	40315	75RB#0	13.410	14.24	PASS
Band41	15MHz	16QAM	40690	75RB#0	13.423	14.26	PASS
Band41	15MHz	16QAM	41165	75RB#0	13.430	14.27	PASS
Band41	20MHz	QPSK	40340	100RB#0	17.873	18.93	PASS
Band41	20MHz	QPSK	40690	100RB#0	17.875	18.95	PASS
Band41	20MHz	QPSK	41140	100RB#0	17.851	18.91	PASS
Band41	20MHz	16QAM	40340	100RB#0	17.888	18.95	PASS
Band41	20MHz	16QAM	40690	100RB#0	17.908	18.95	PASS
Band41	20MHz	16QAM	41140	100RB#0	17.878	18.92	PASS

Test Graphs



Band41-5MHz-QPSK-40265-25RB#0

Band41-5MHz-QPSK-40690-25RB#0