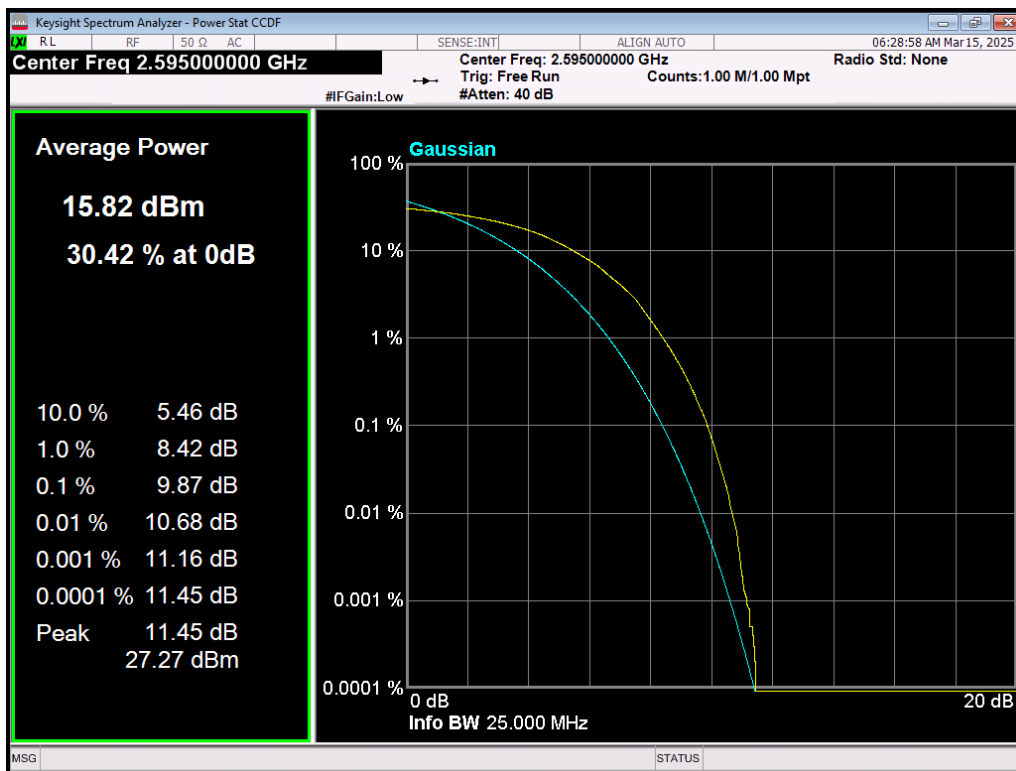
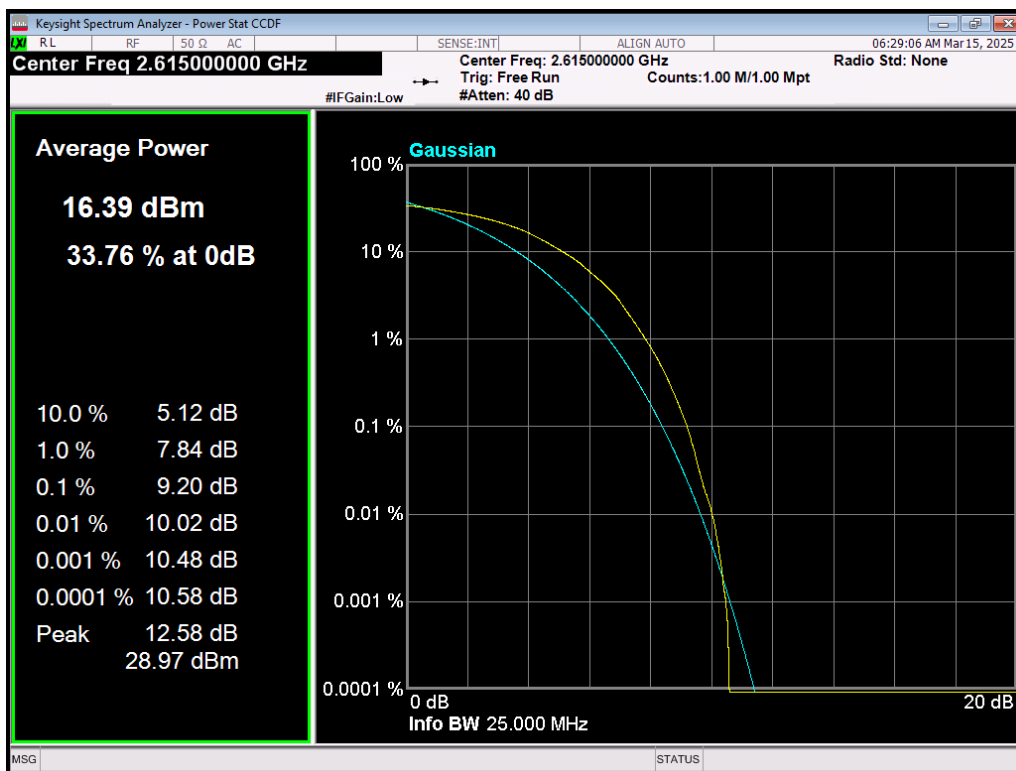
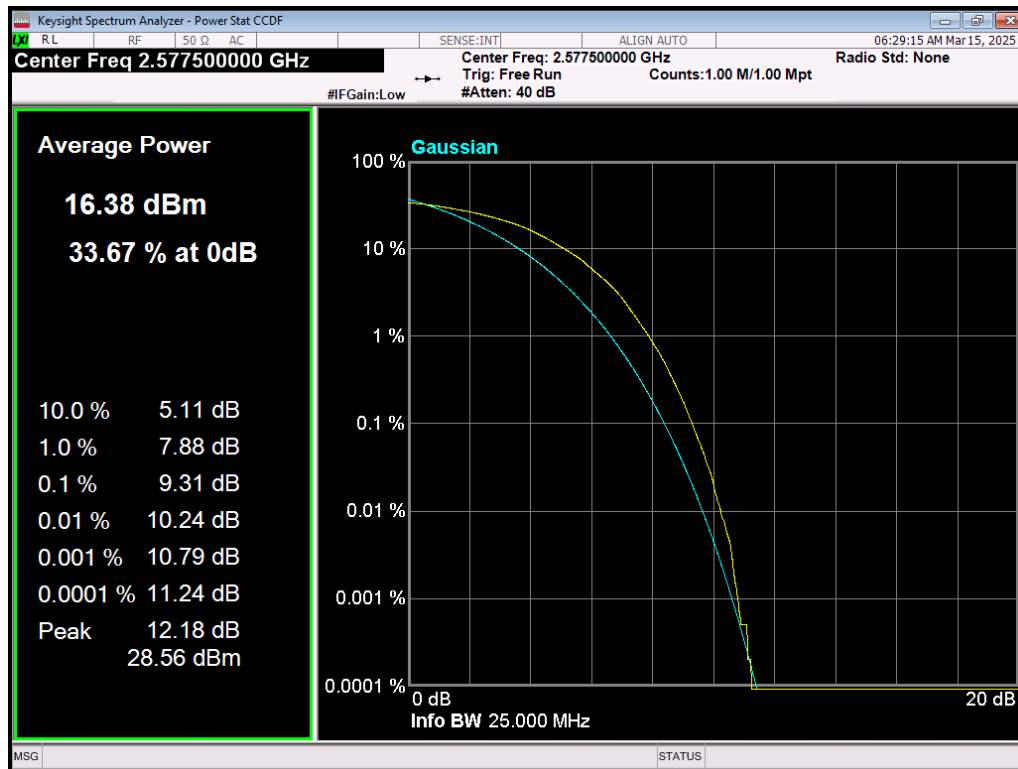




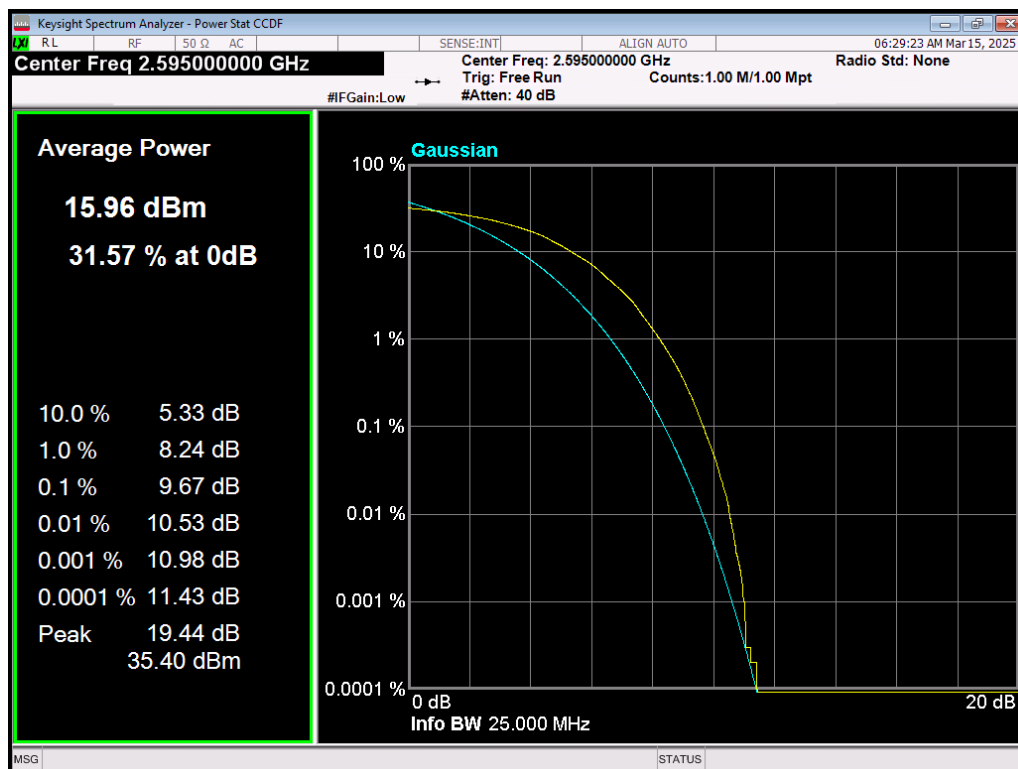
Band38 64QAM BW=10MHz Channel=38000 RB Size=50 Position=#0



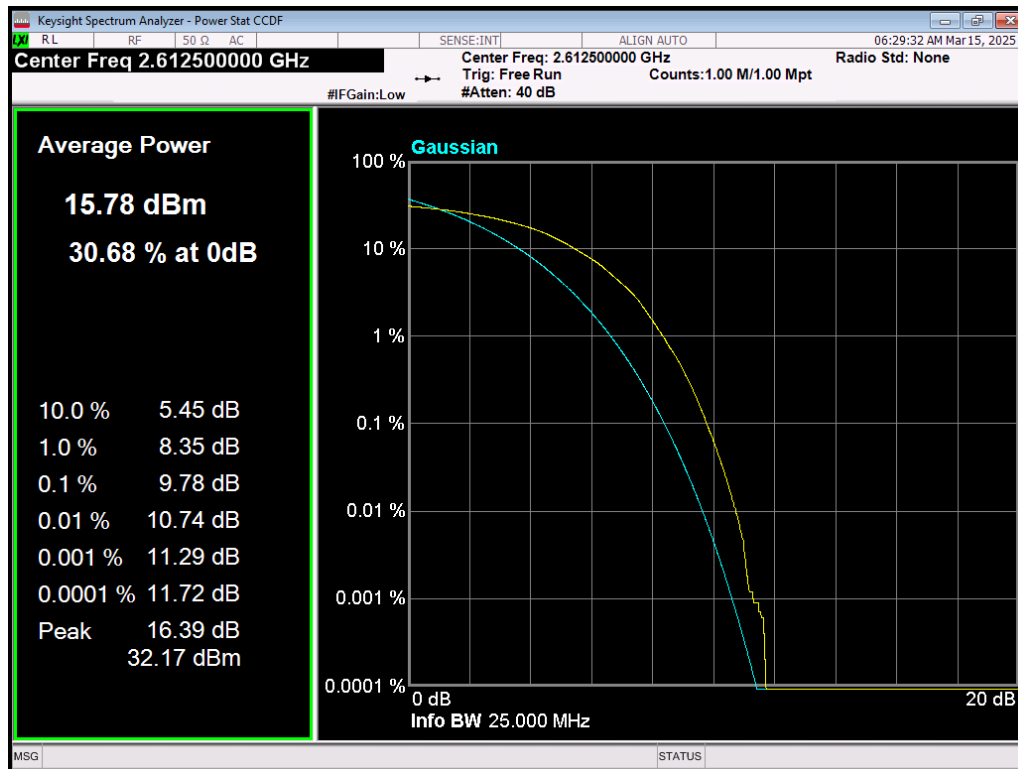
Band38 64QAM BW=10MHz Channel=38200 RB Size=50 Position=#0



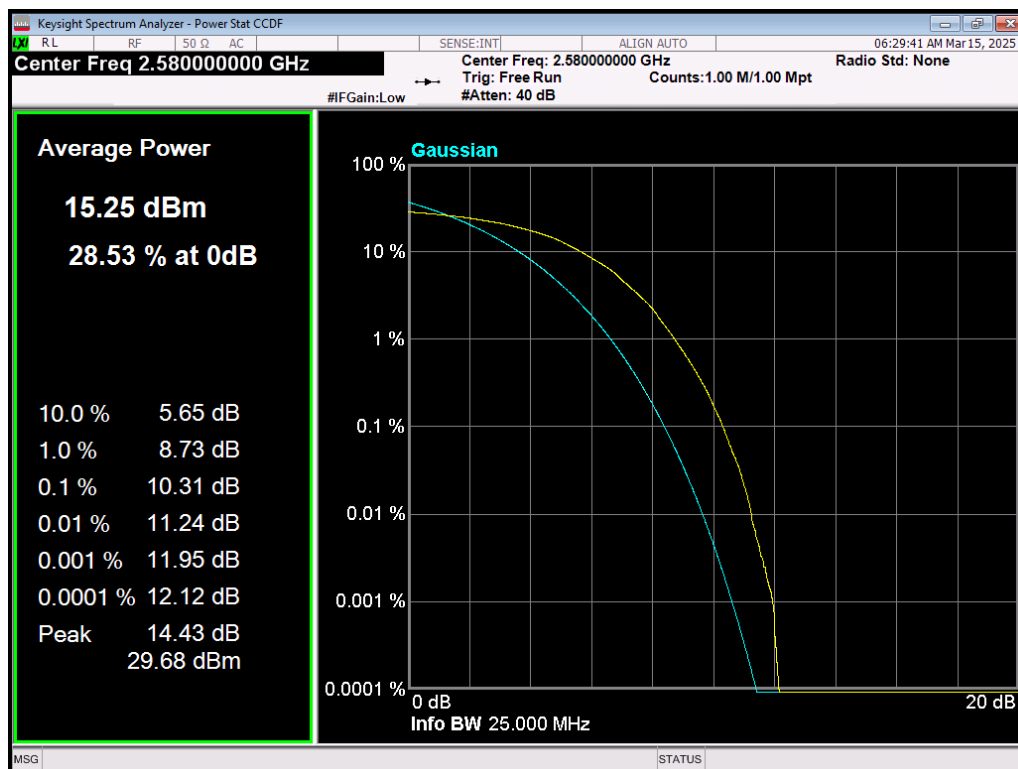
Band38 64QAM BW=15MHz Channel=37825 RB Size=75 Position=#0



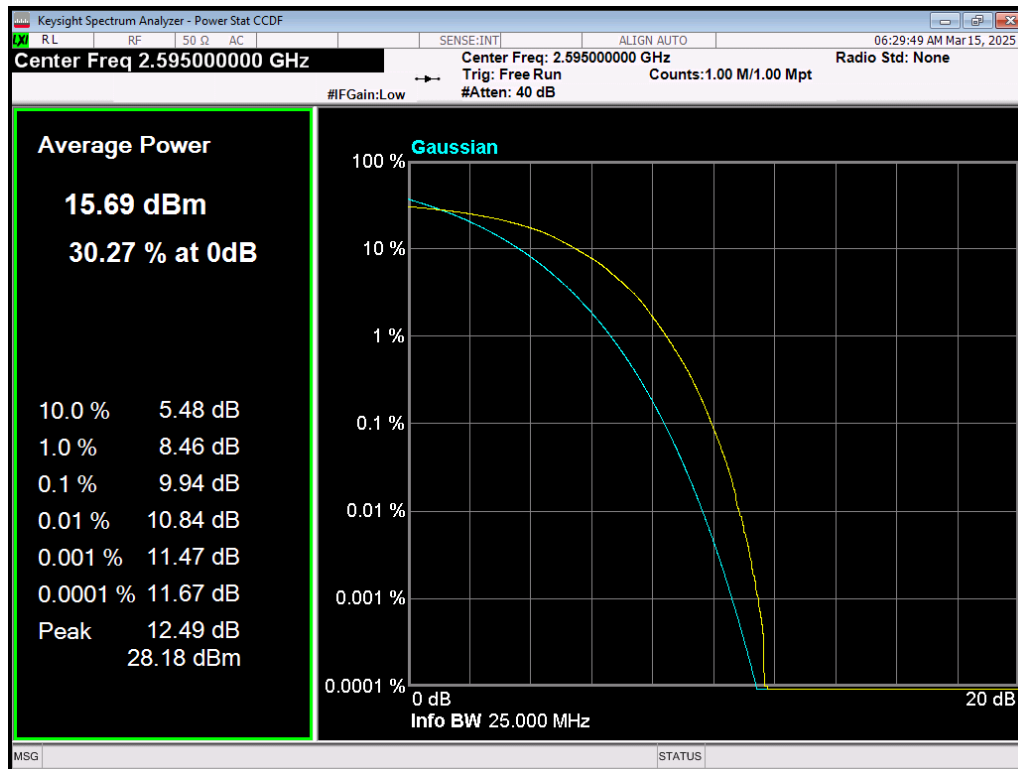
Band38 64QAM BW=15MHz Channel=38000 RB Size=75 Position=#0



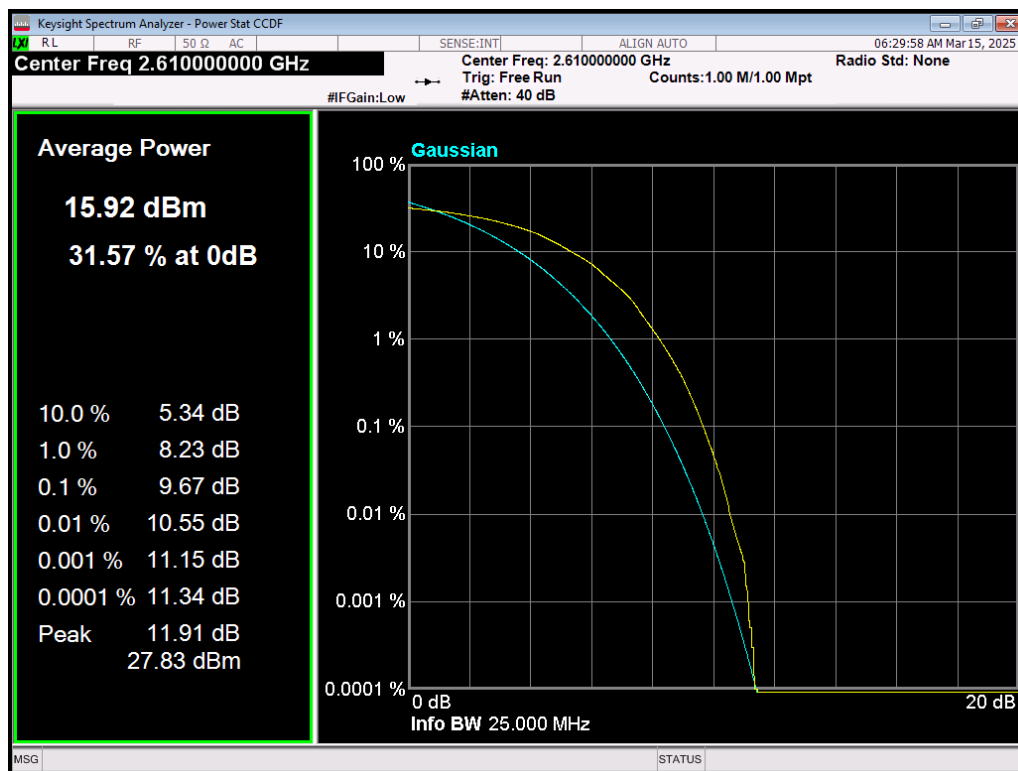
Band38 64QAM BW=15MHz Channel=38175 RB Size=75 Position=#0



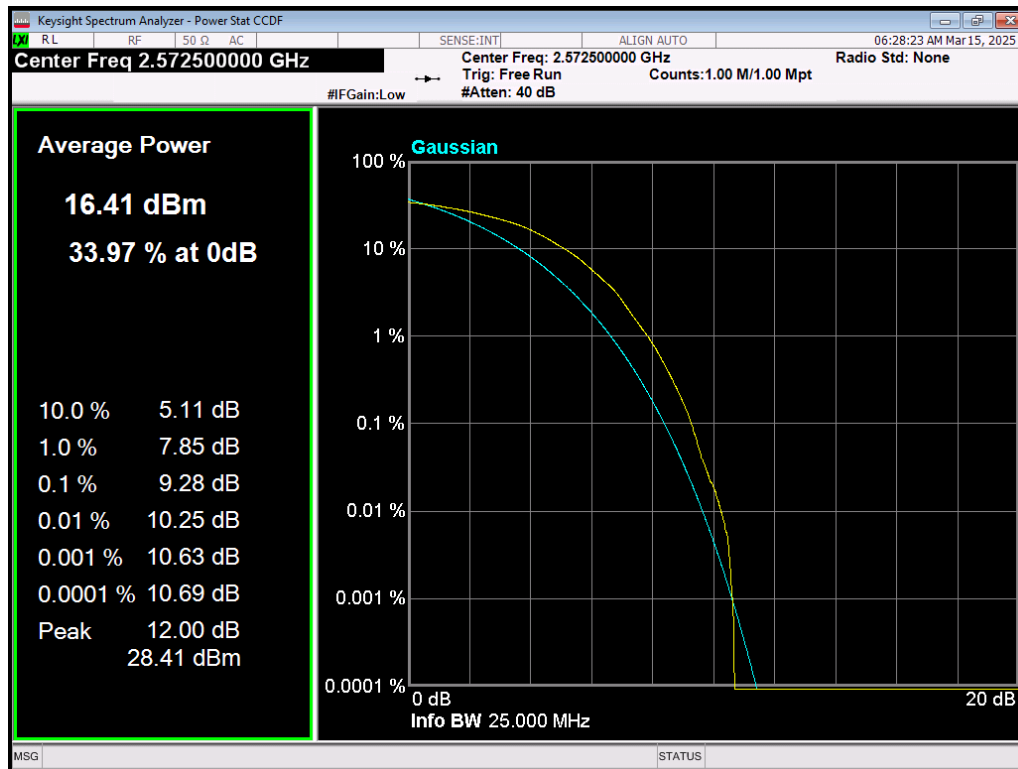
Band38 64QAM BW=20MHz Channel=37850 RB Size=100 Position=#0



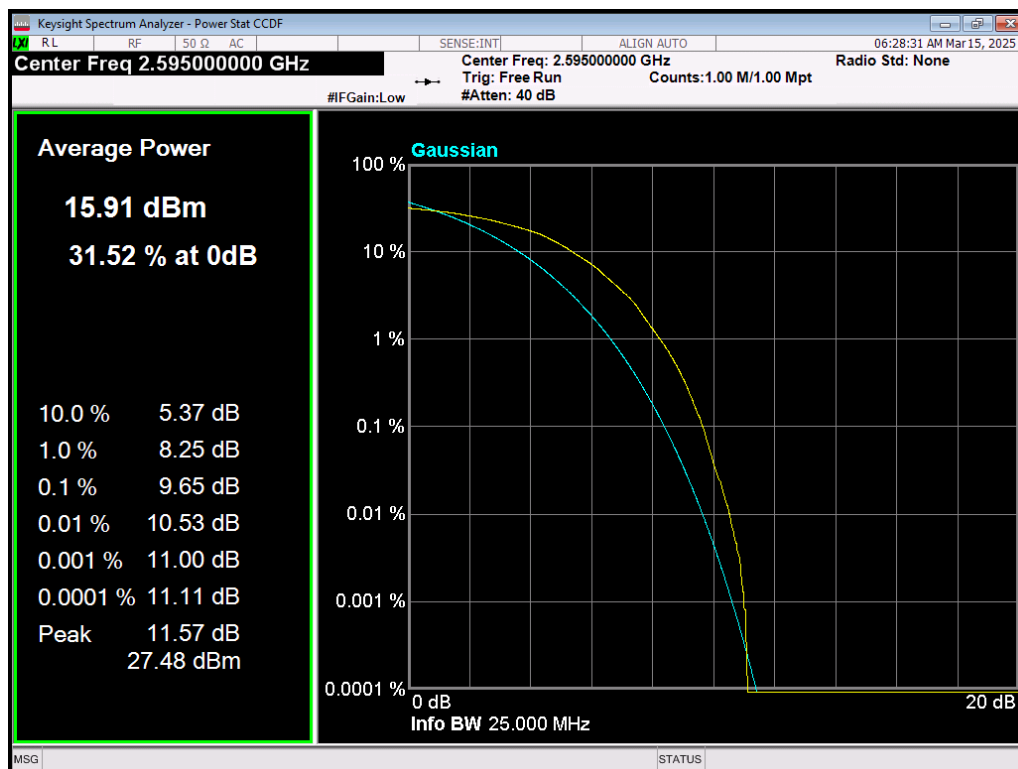
Band38 64QAM BW=20MHz Channel=38000 RB Size=100 Position=#0



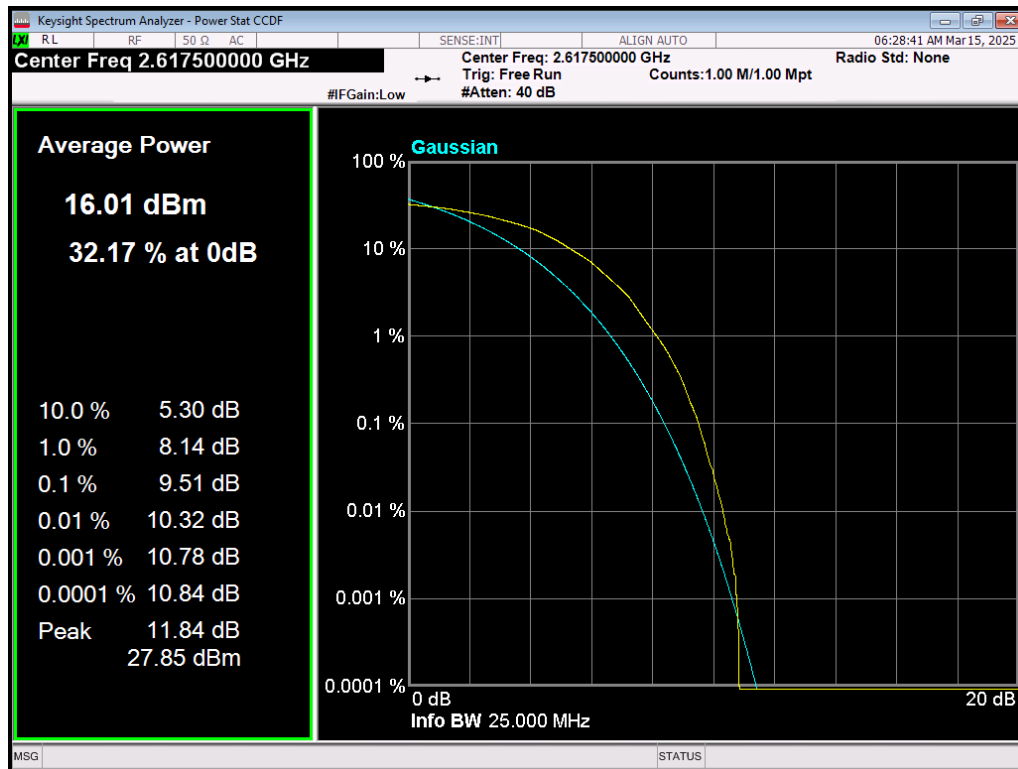
Band38 64QAM BW=20MHz Channel=38150 RB Size=100 Position=#0



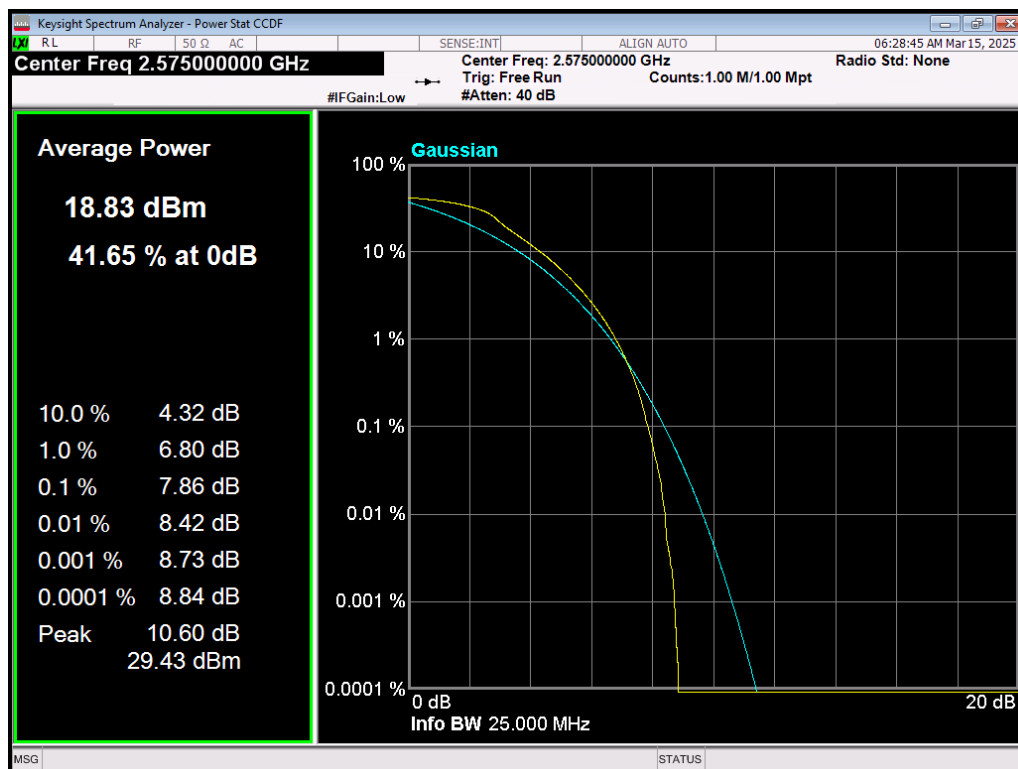
Band38 64QAM BW=5MHz Channel=37775 RB Size=25 Position=#0



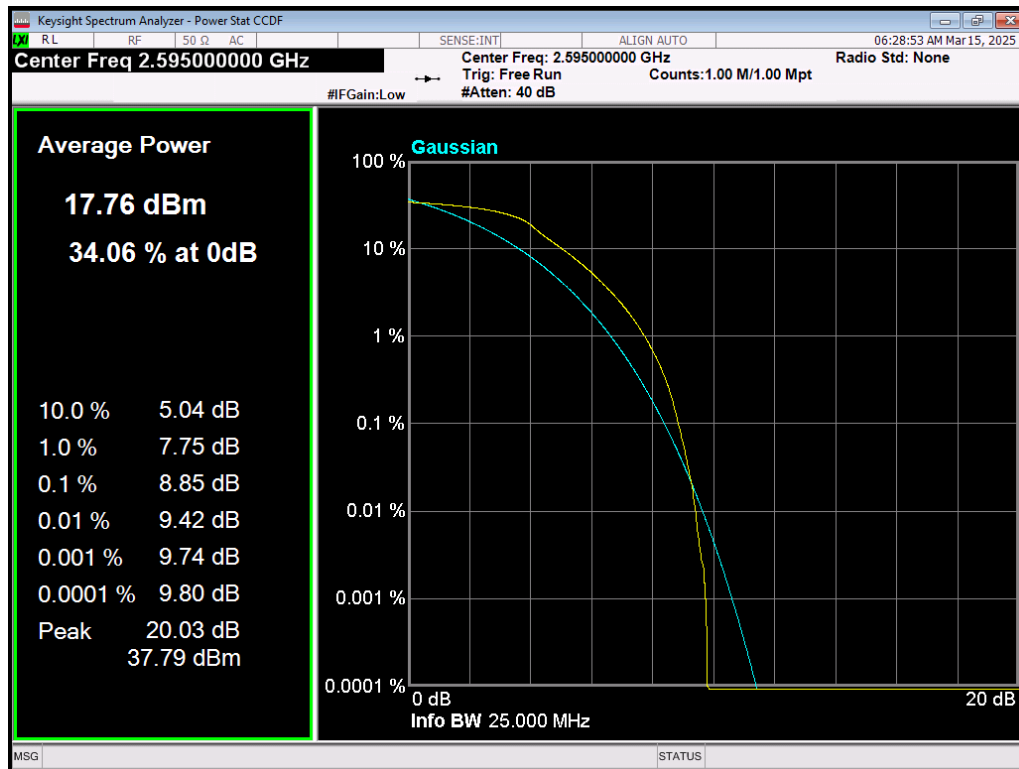
Band38 64QAM BW=5MHz Channel=38000 RB Size=25 Position=#0



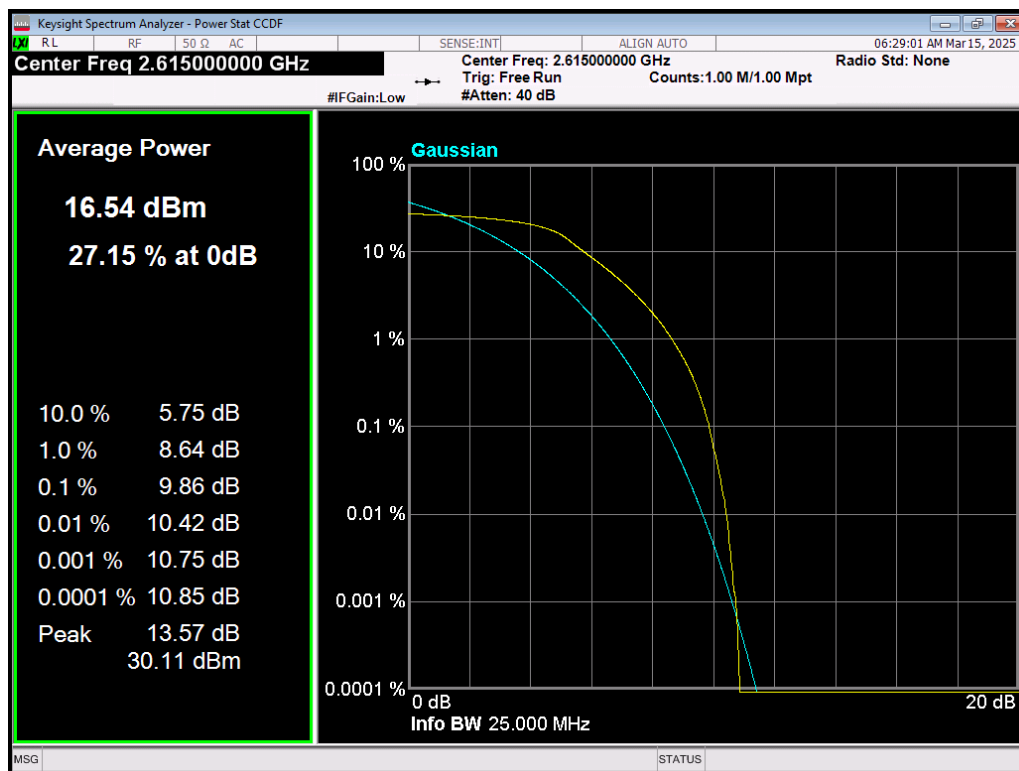
Band38 64QAM BW=5MHz Channel=38225 RB Size=25 Position=#0



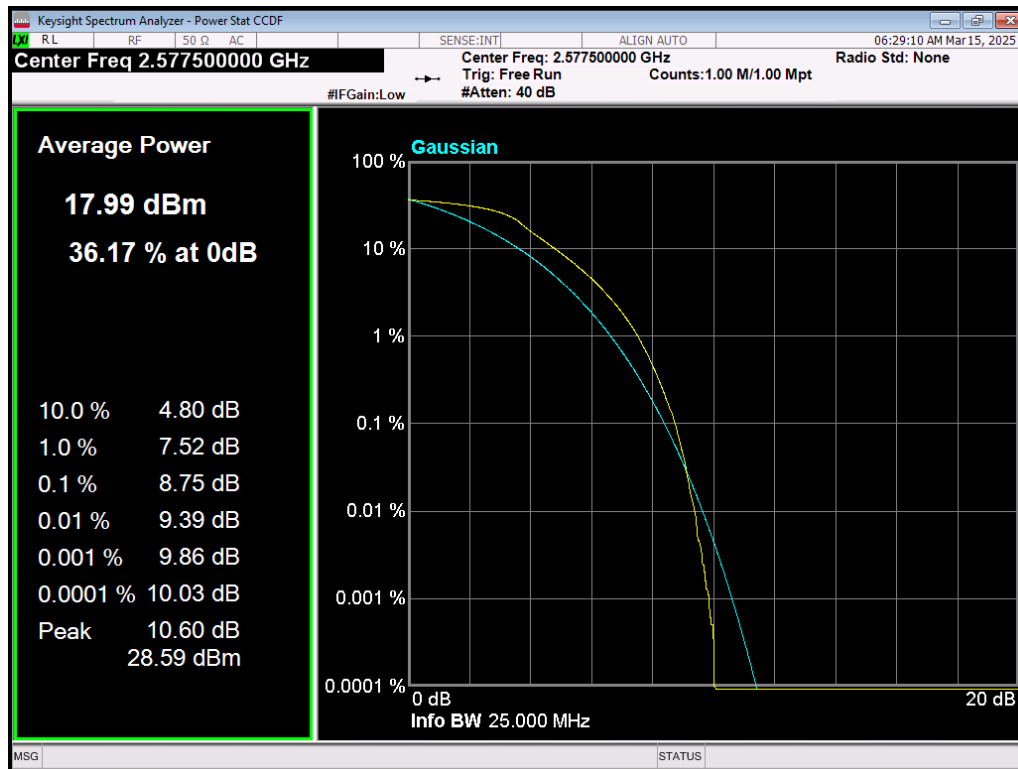
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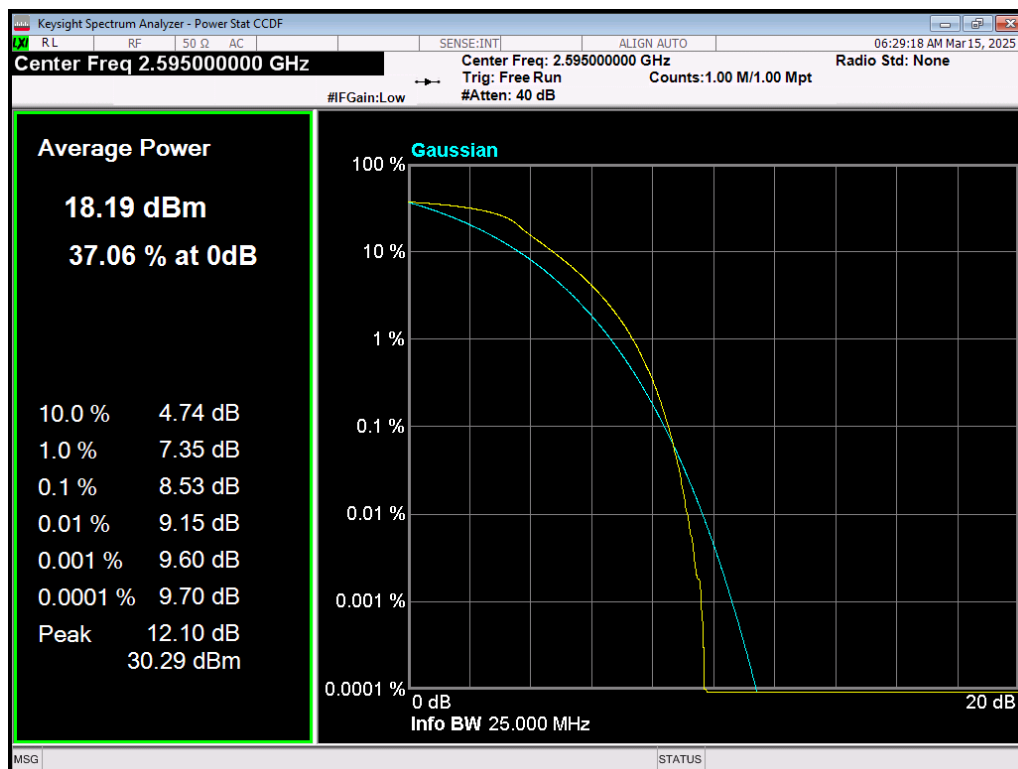
Band38 QPSK BW=10MHz Channel=38000 RB Size=50 Position=#0



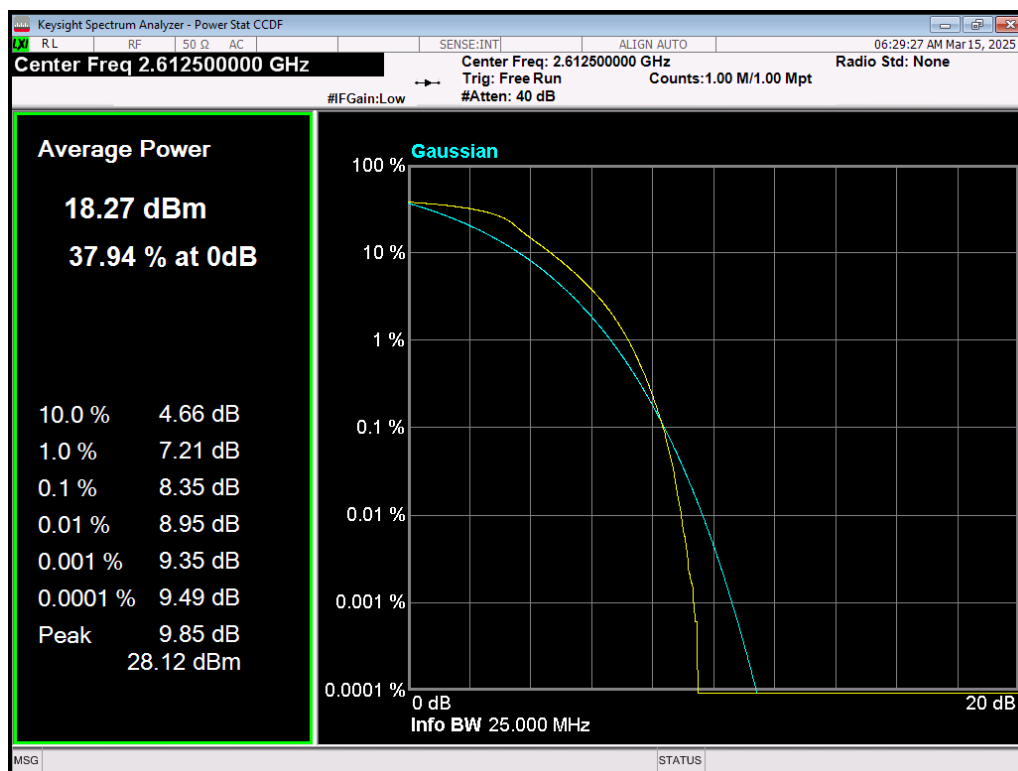
Band38 QPSK BW=10MHz Channel=38200 RB Size=50 Position=#0



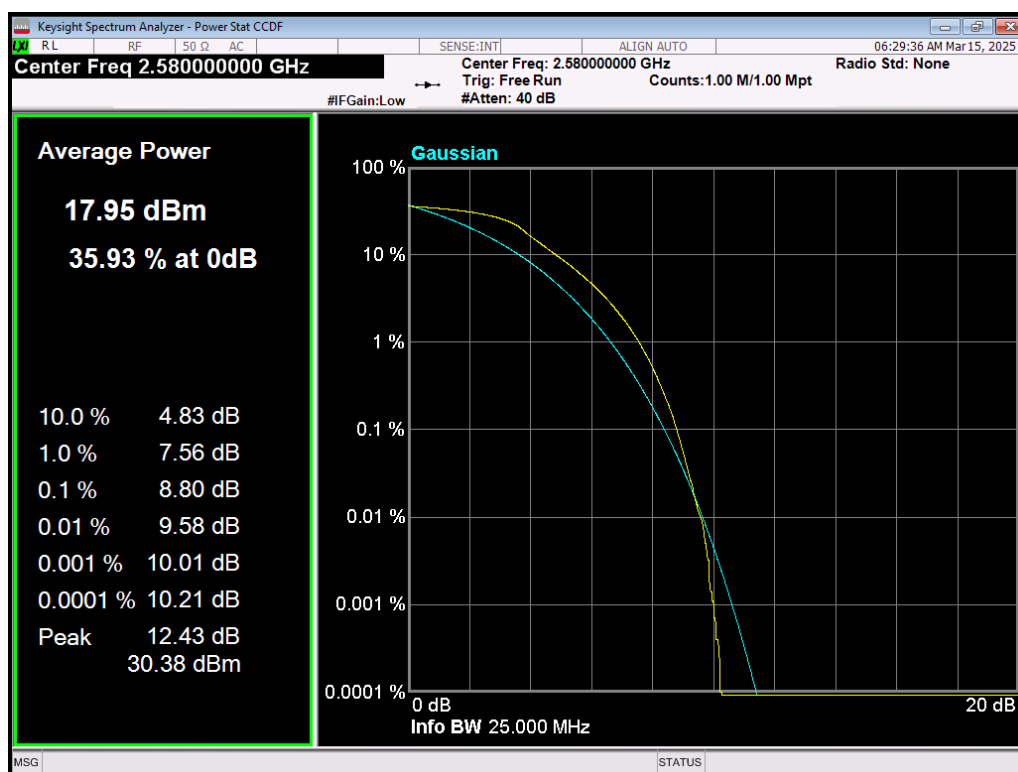
Band38 QPSK BW=15MHz Channel=37825 RB Size=75 Position=#0



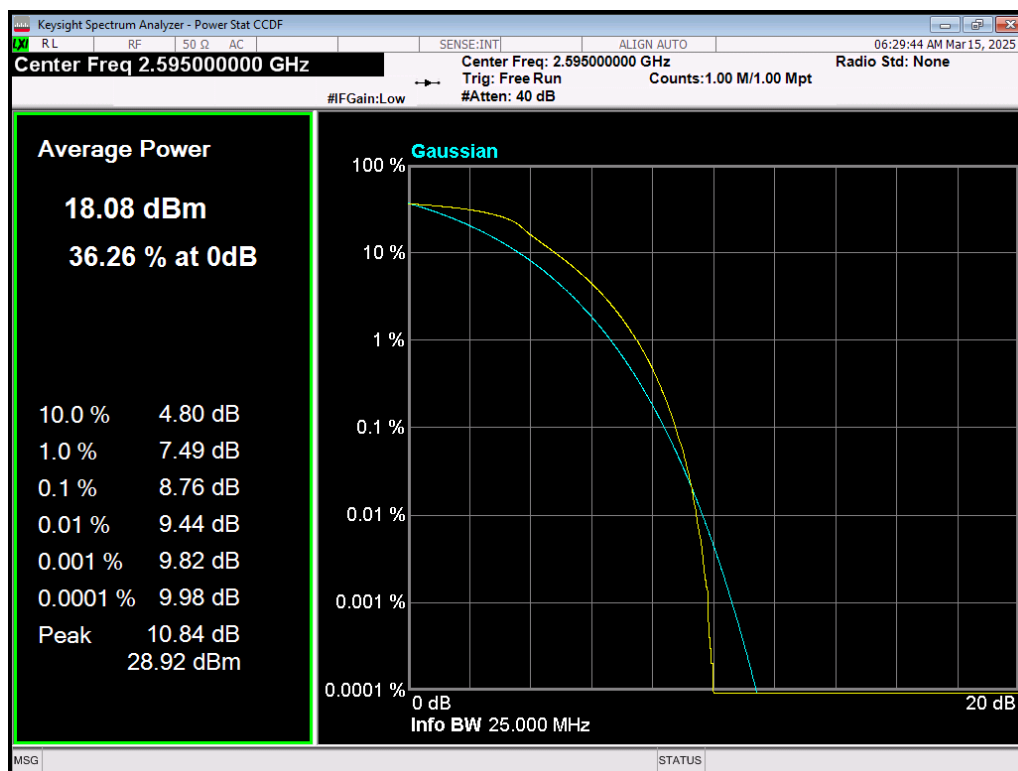
Band38 QPSK BW=15MHz Channel=38000 RB Size=75 Position=#0



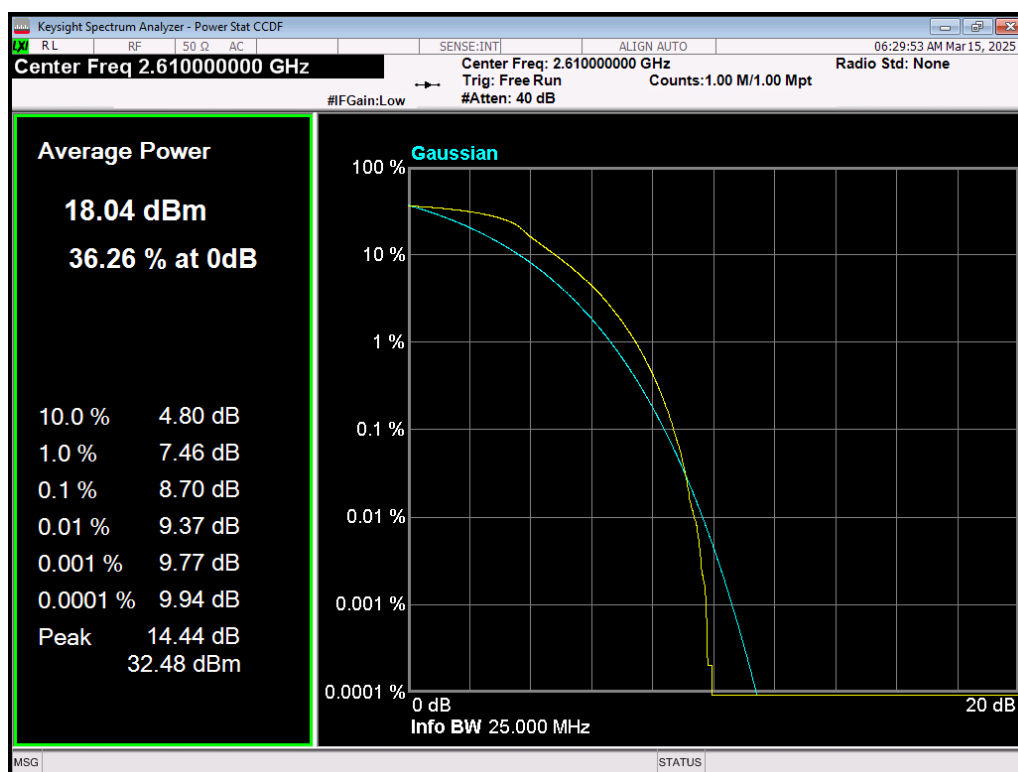
Band38 QPSK BW=15MHz Channel=38175 RB Size=75 Position=#0



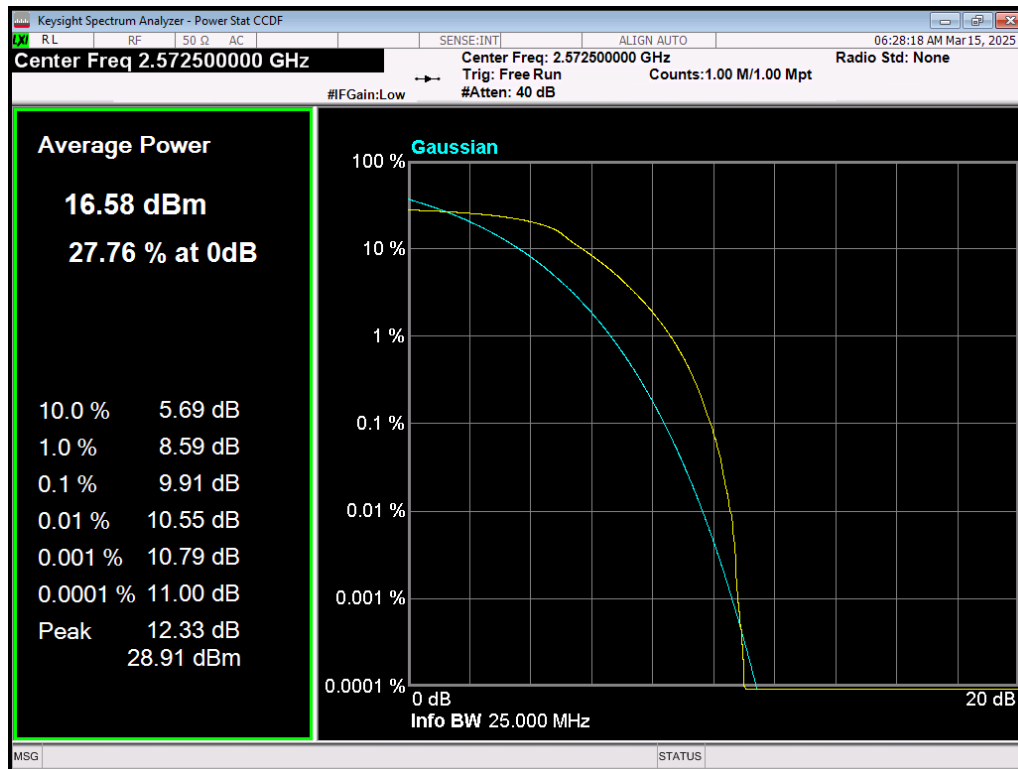
Band38 QPSK BW=20MHz Channel=37850 RB Size=100 Position=#0



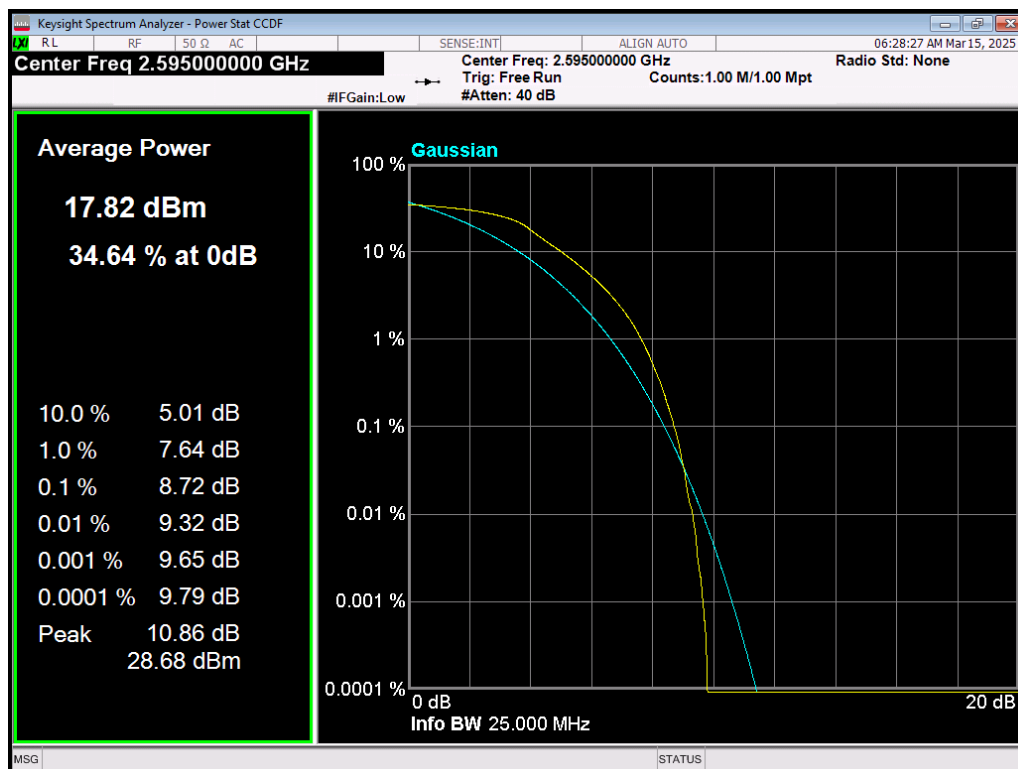
Band38 QPSK BW=20MHz Channel=38000 RB Size=100 Position=#0



Band38 QPSK BW=20MHz Channel=38150 RB Size=100 Position=#0



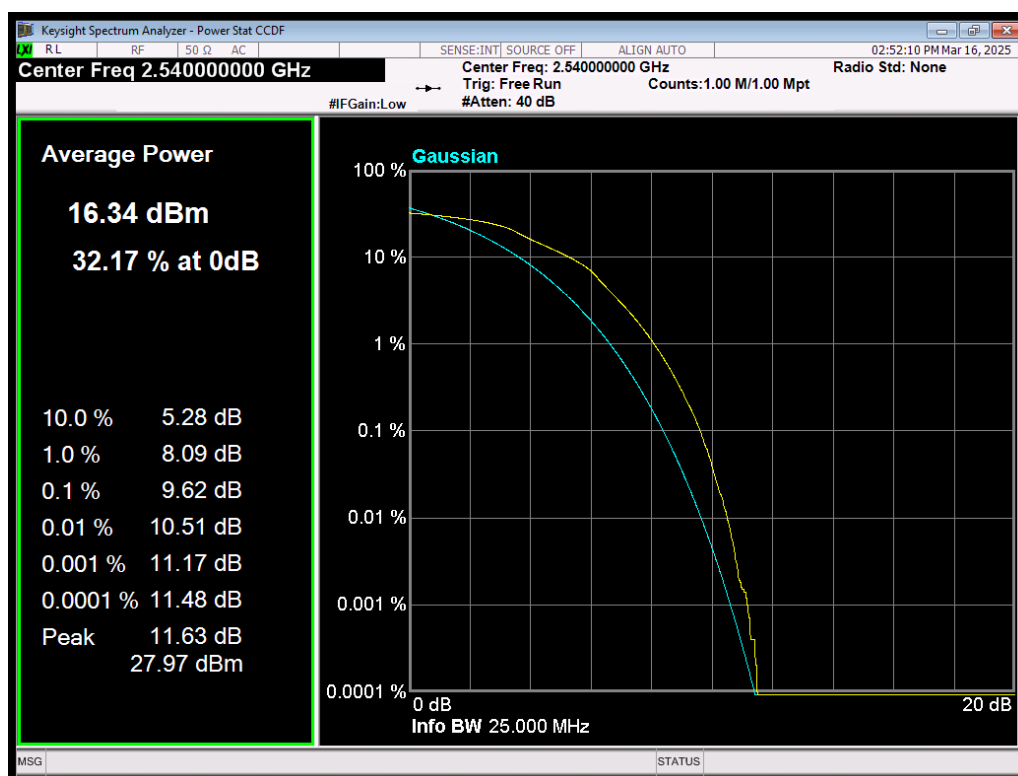
Band38 QPSK BW=5MHz Channel=37775 RB Size=25 Position=#0



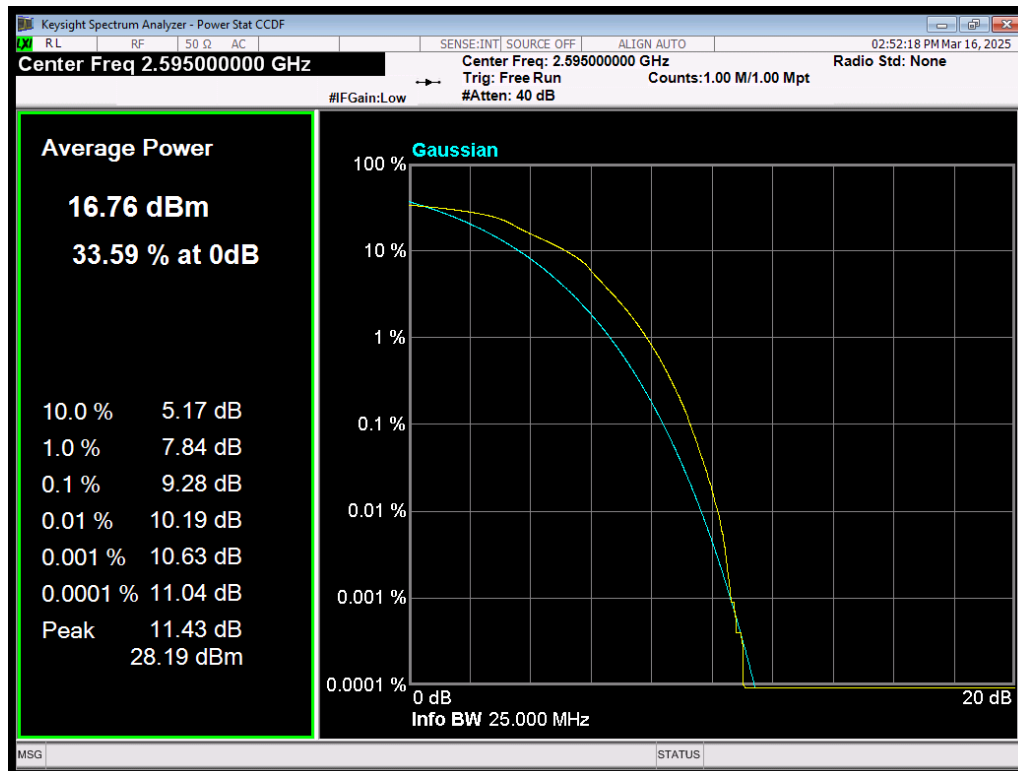
Band38 QPSK BW=5MHz Channel=38000 RB Size=25 Position=#0



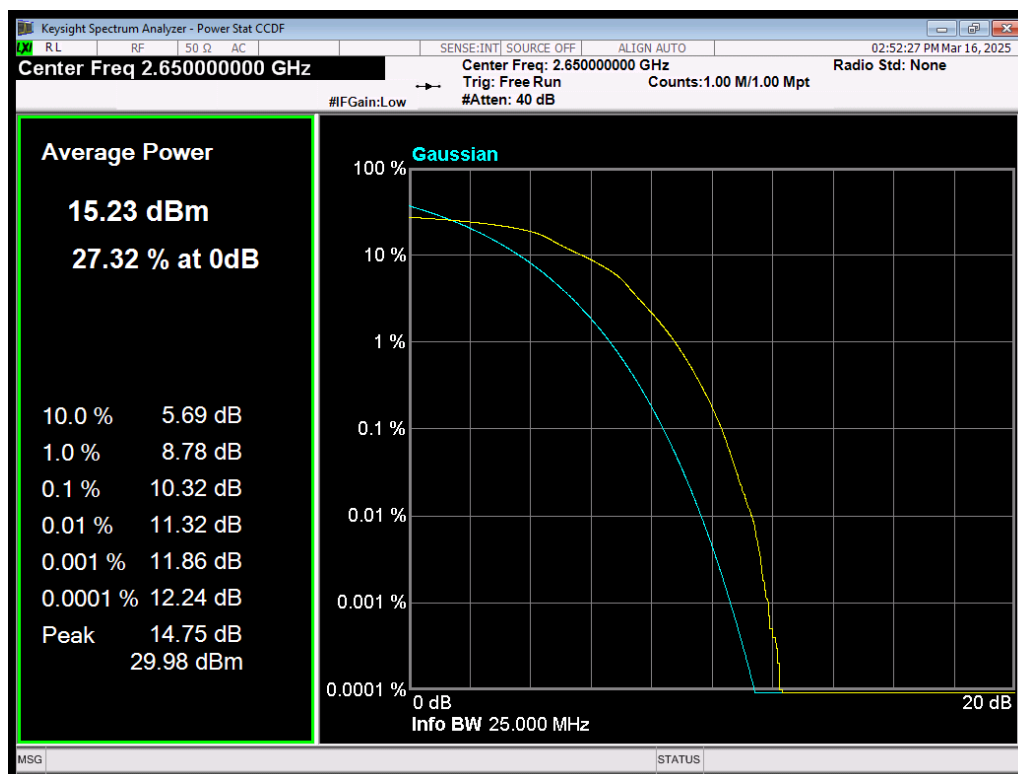
Band38 QPSK BW=5MHz Channel=38225 RB Size=25 Position=#0



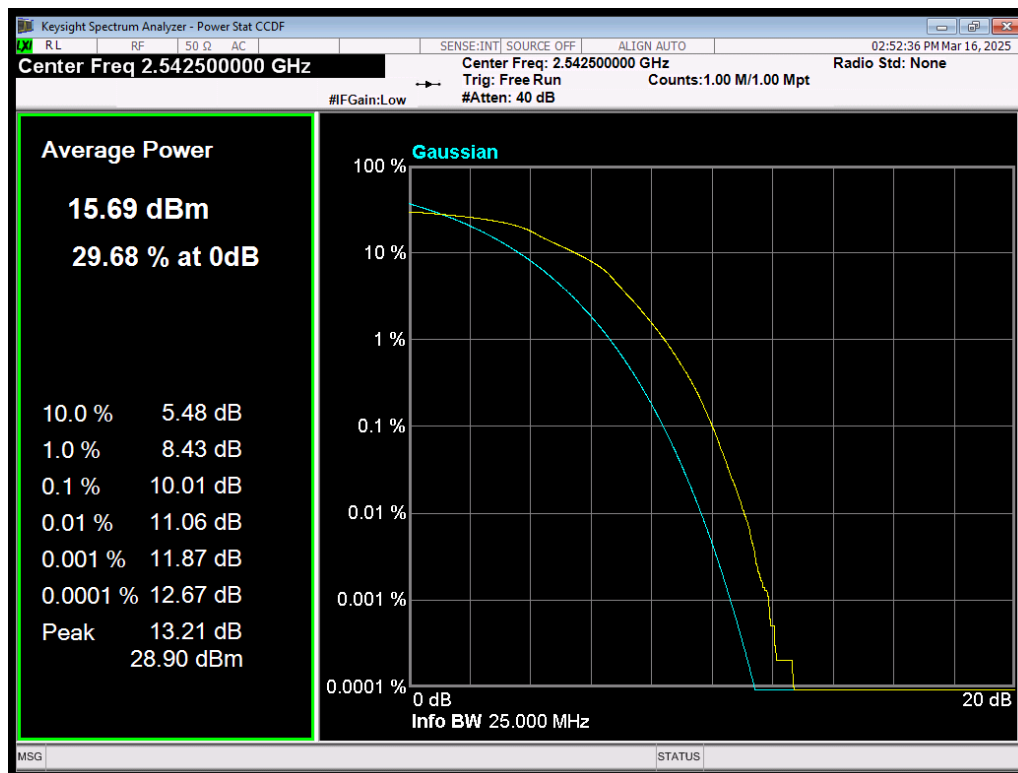
Band41(2535-2655) 16QAM BW=10MHz Channel=40090 RB Size=50 Position=#0



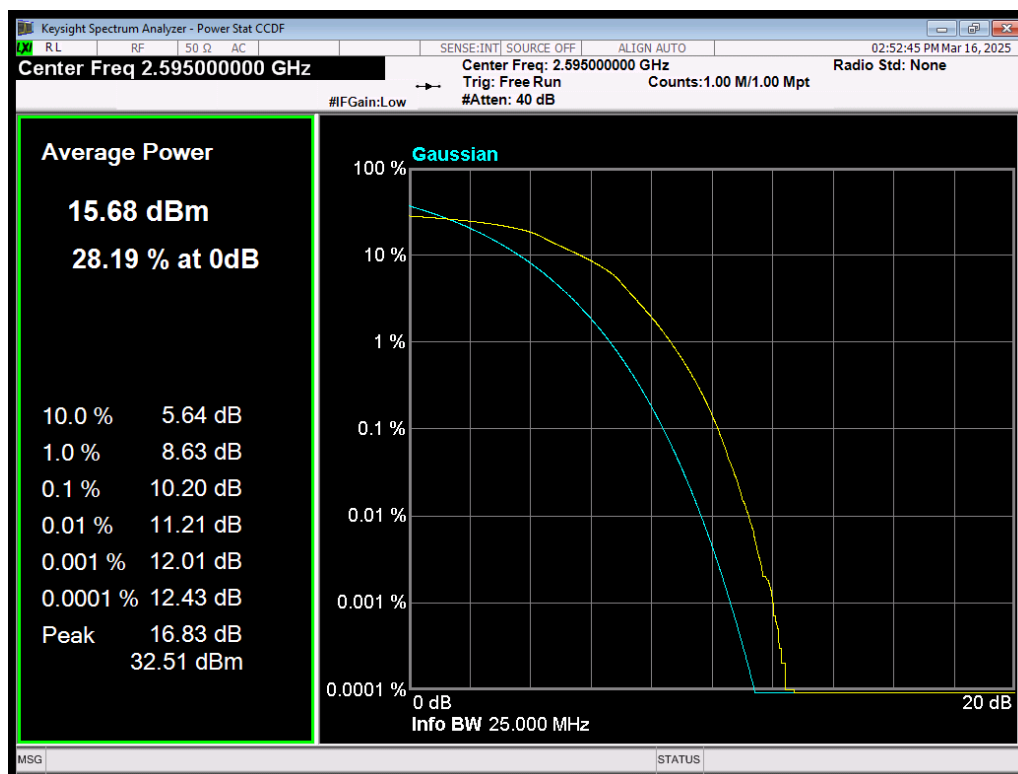
Band41(2535-2655) 16QAM BW=10MHz Channel=40640 RB Size=50 Position=#0



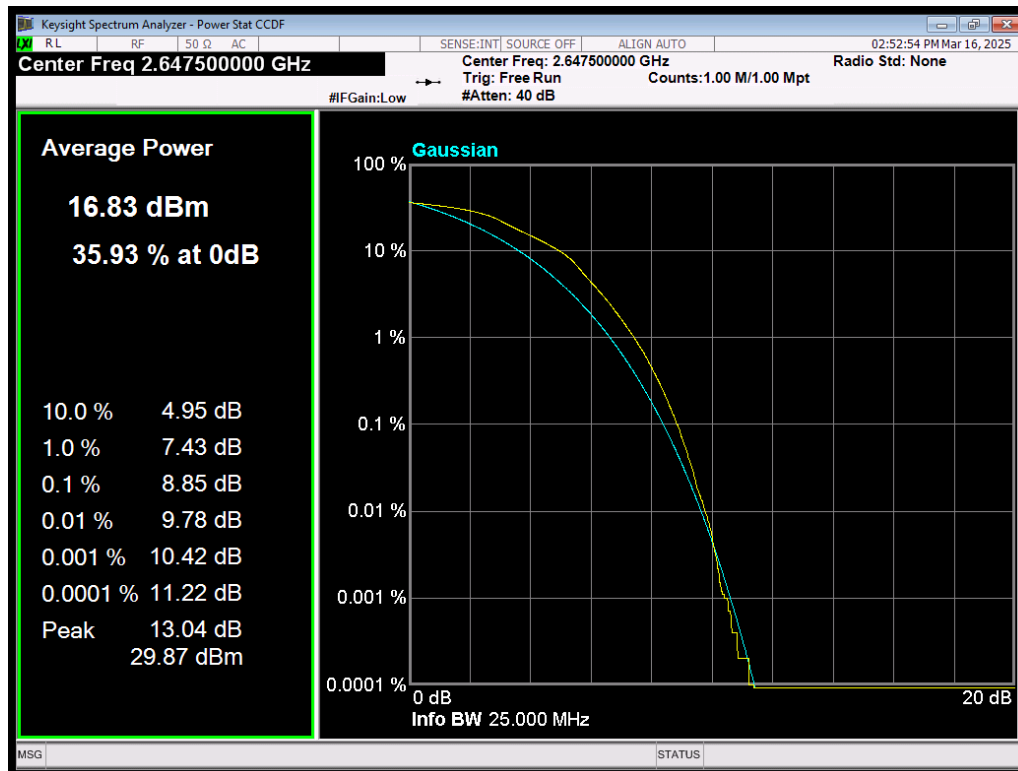
Band41(2535-2655) 16QAM BW=10MHz Channel=41190 RB Size=50 Position=#0



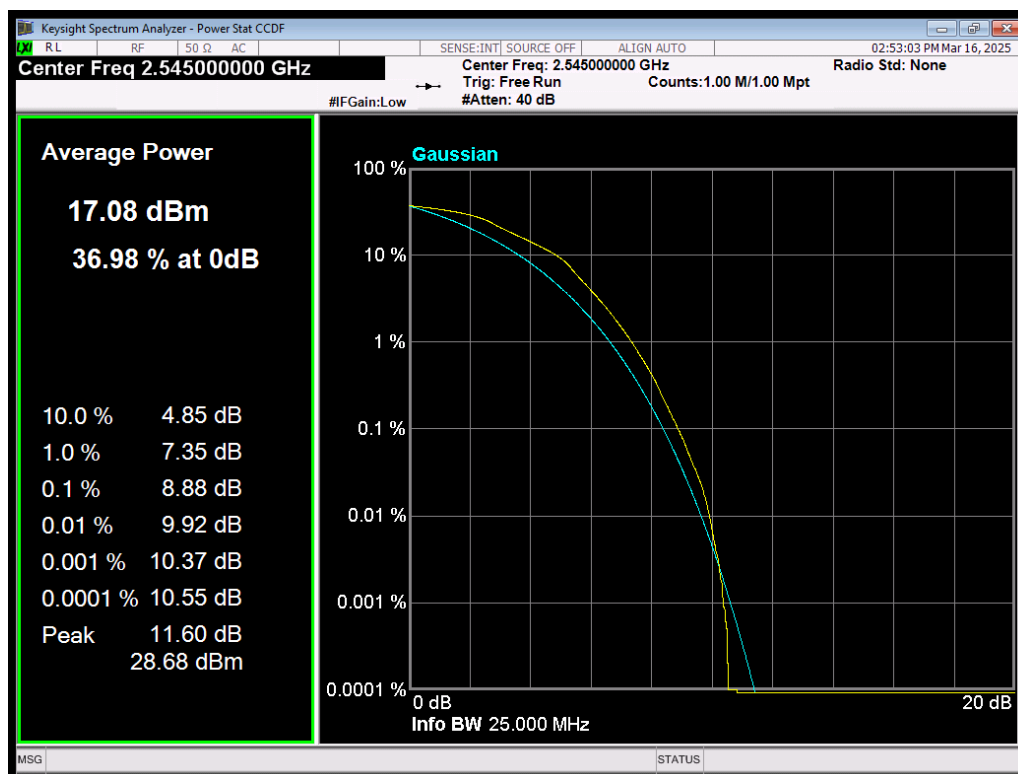
Band41(2535-2655) 16QAM BW=15MHz Channel=40115 RB Size=75 Position=#0



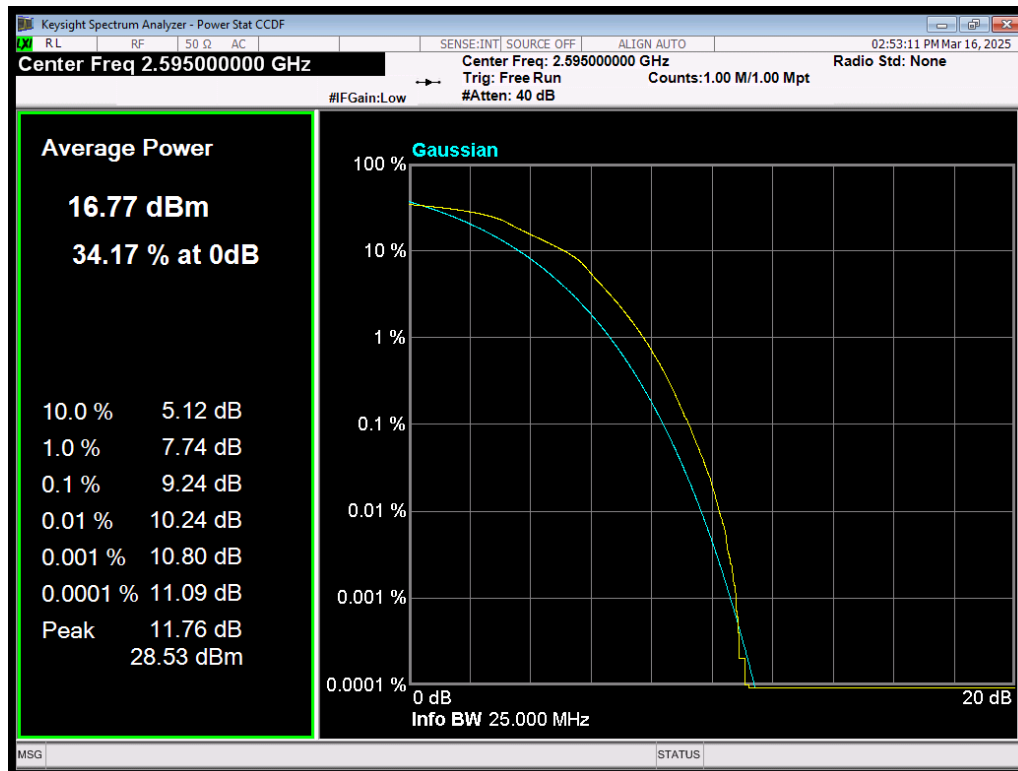
Band41(2535-2655) 16QAM BW=15MHz Channel=40640 RB Size=75 Position=#0



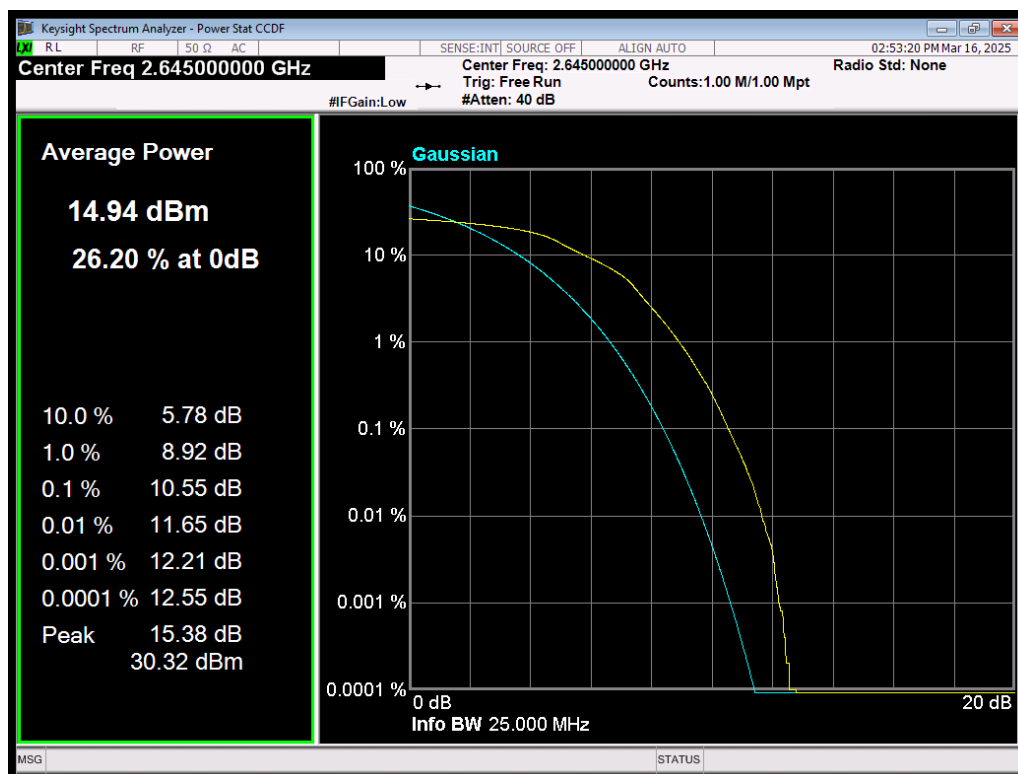
Band41(2535-2655) 16QAM BW=15MHz Channel=41165 RB Size=75 Position=#0



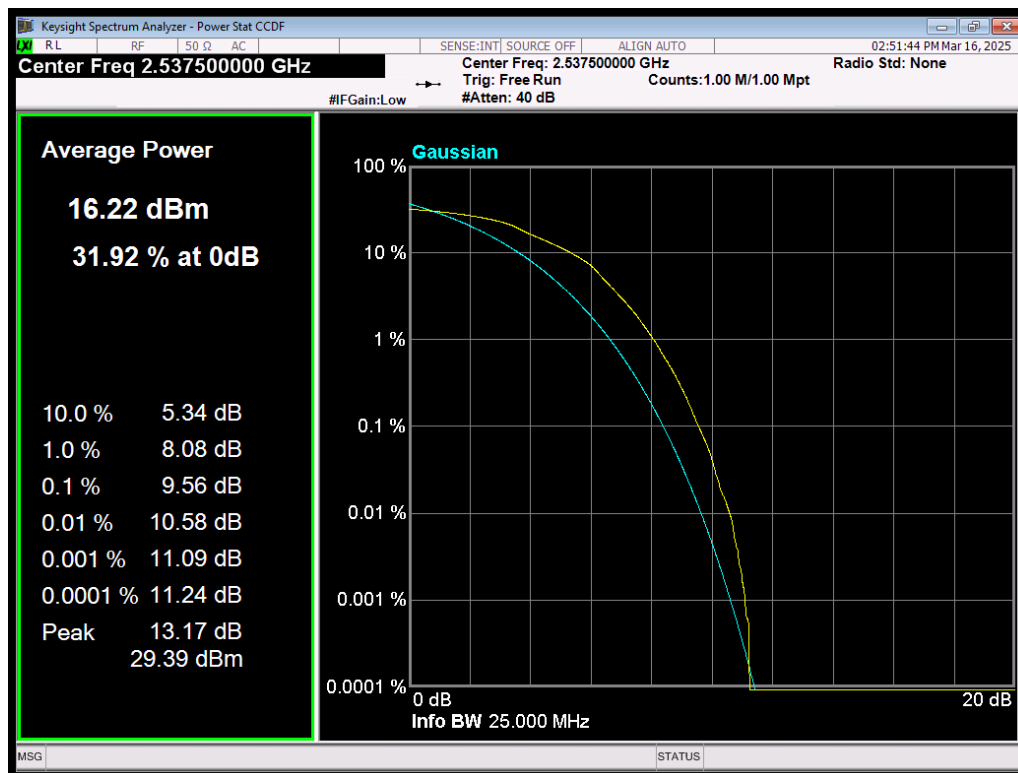
Band41(2535-2655) 16QAM BW=20MHz Channel=40140 RB Size=100 Position=#0



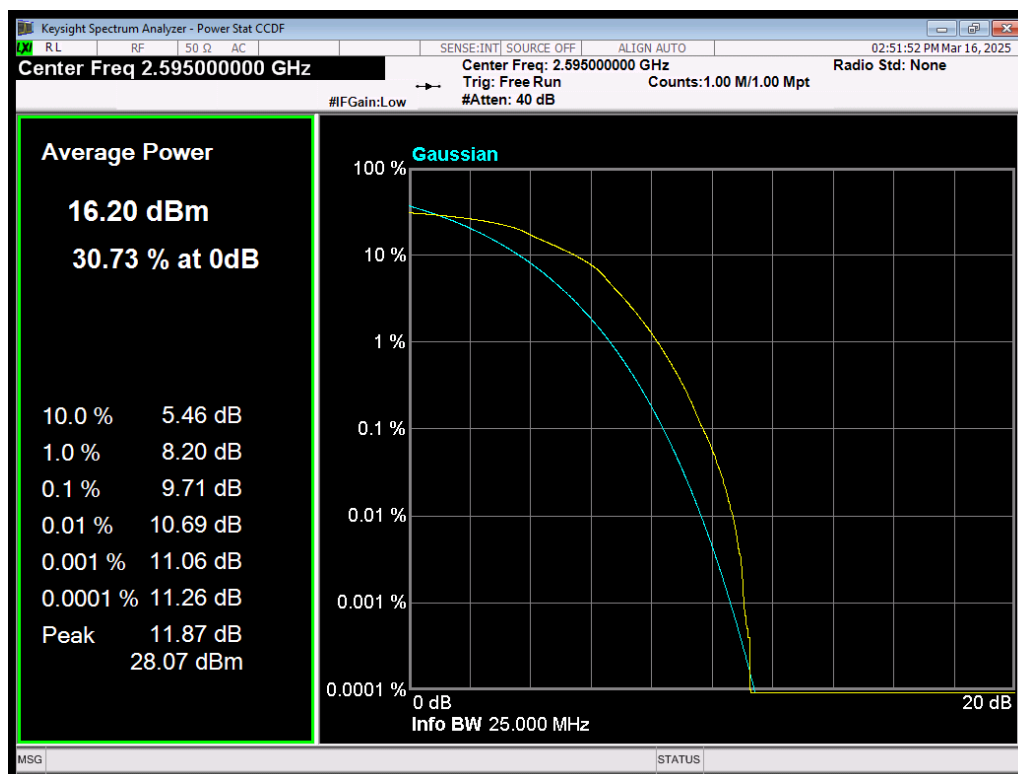
Band41(2535-2655) 16QAM BW=20MHz Channel=40640 RB Size=100 Position=#0



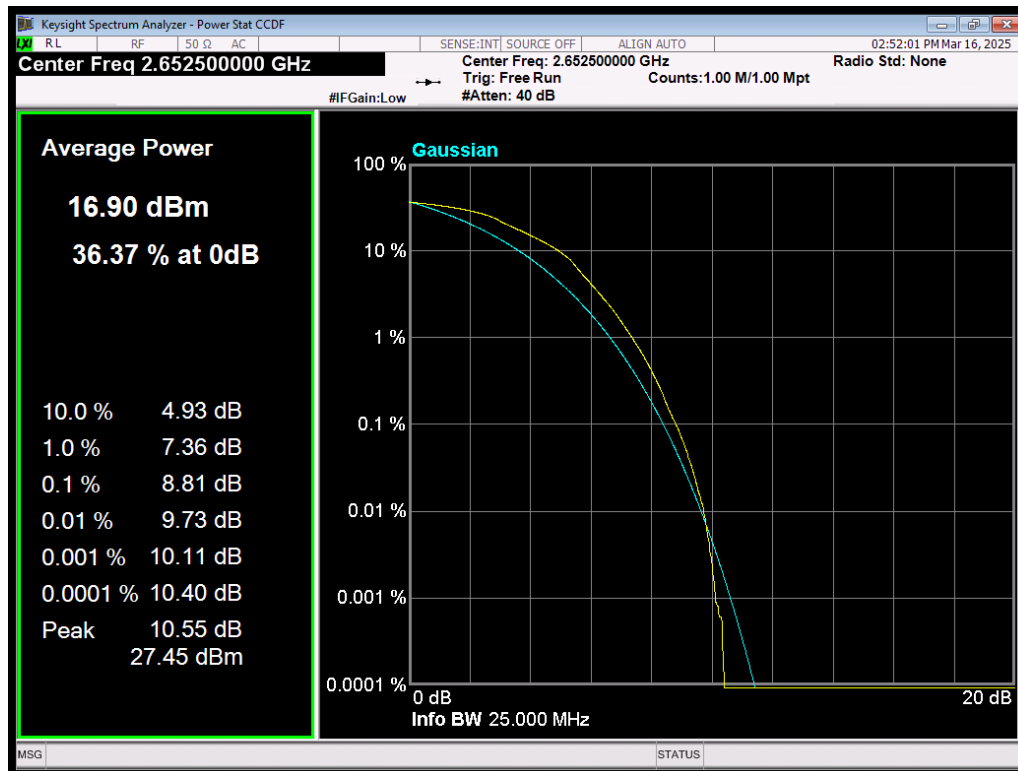
Band41(2535-2655) 16QAM BW=20MHz Channel=41140 RB Size=100 Position=#0



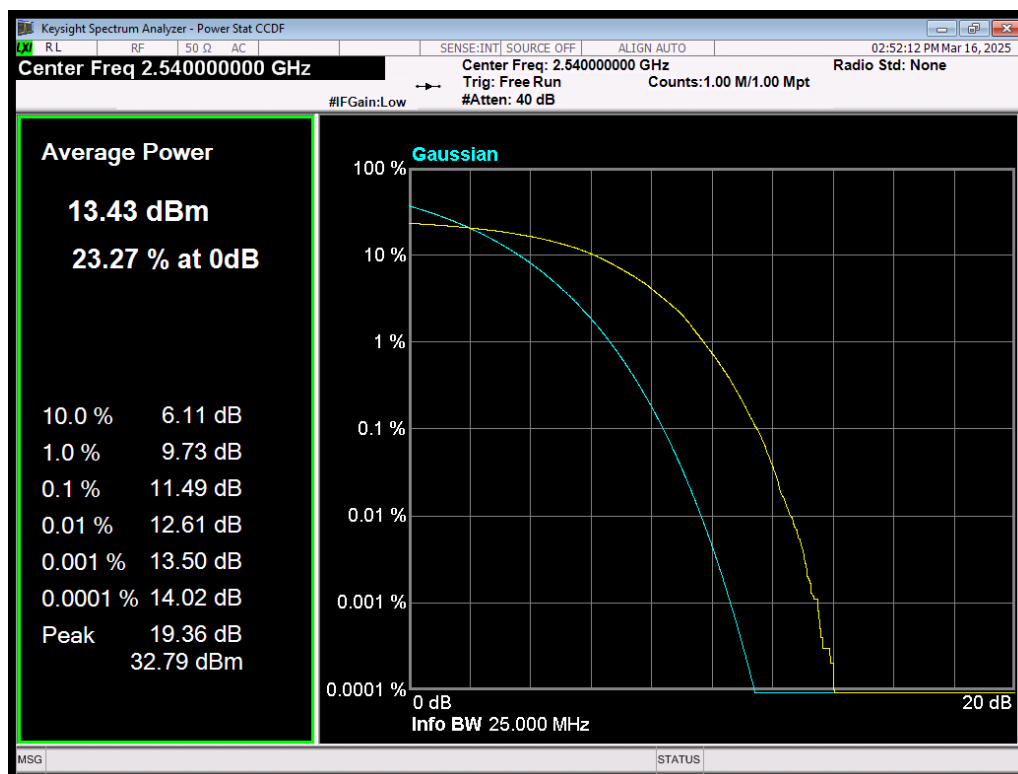
Band41(2535-2655) 16QAM BW=5MHz Channel=40065 RB Size=25 Position=#0



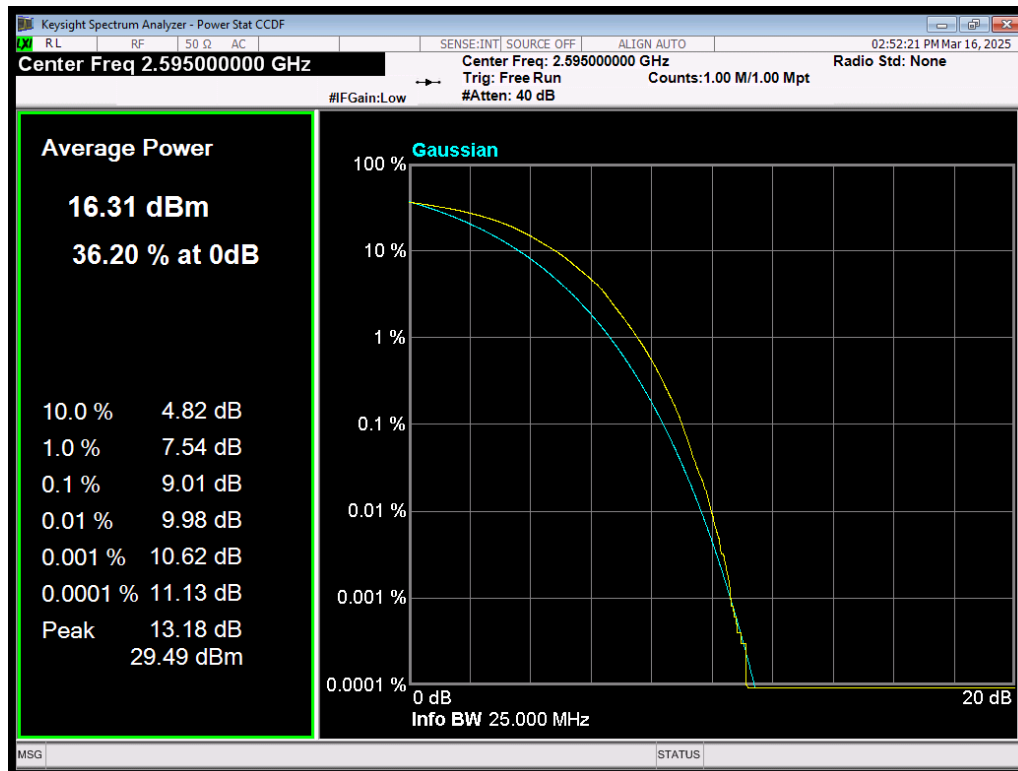
Band41(2535-2655) 16QAM BW=5MHz Channel=40640 RB Size=25 Position=#0



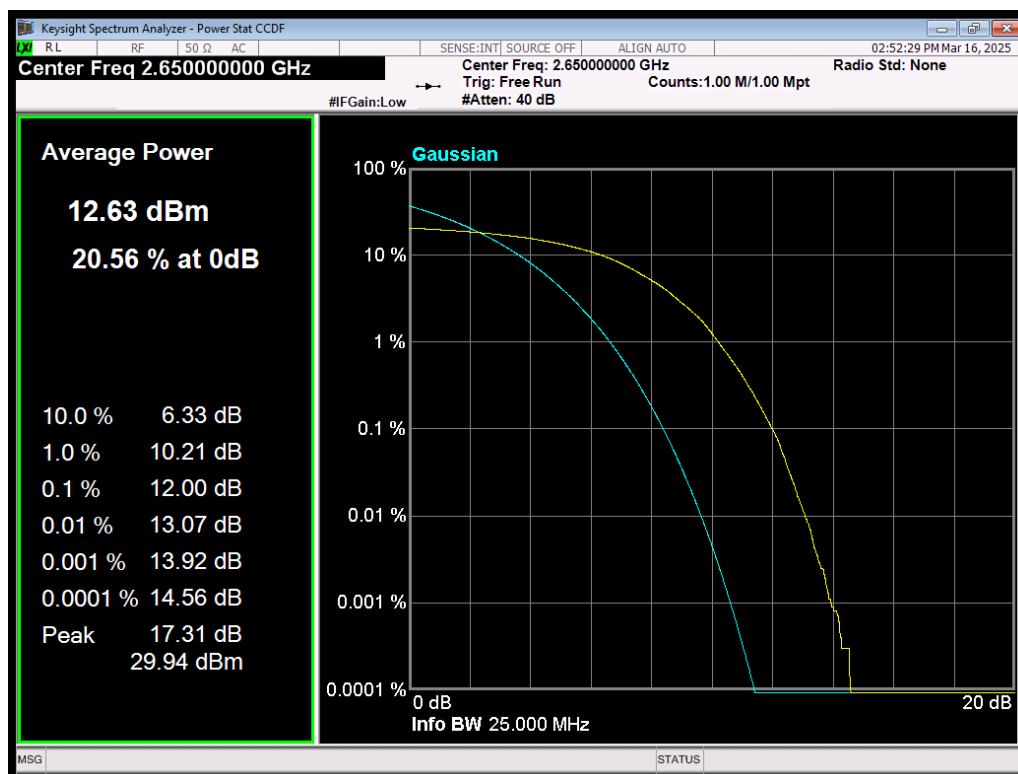
Band41(2535-2655) 16QAM BW=5MHz Channel=41215 RB Size=25 Position=#0



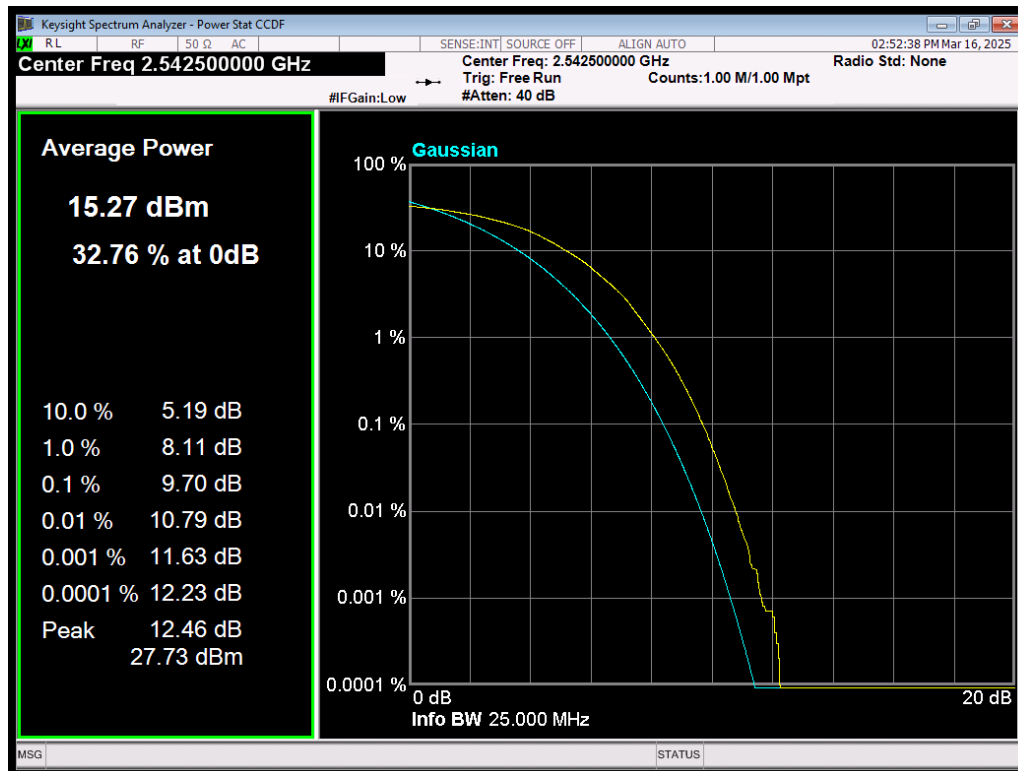
Band41(2535-2655) 64QAM BW=10MHz Channel=40090 RB Size=50 Position=#0



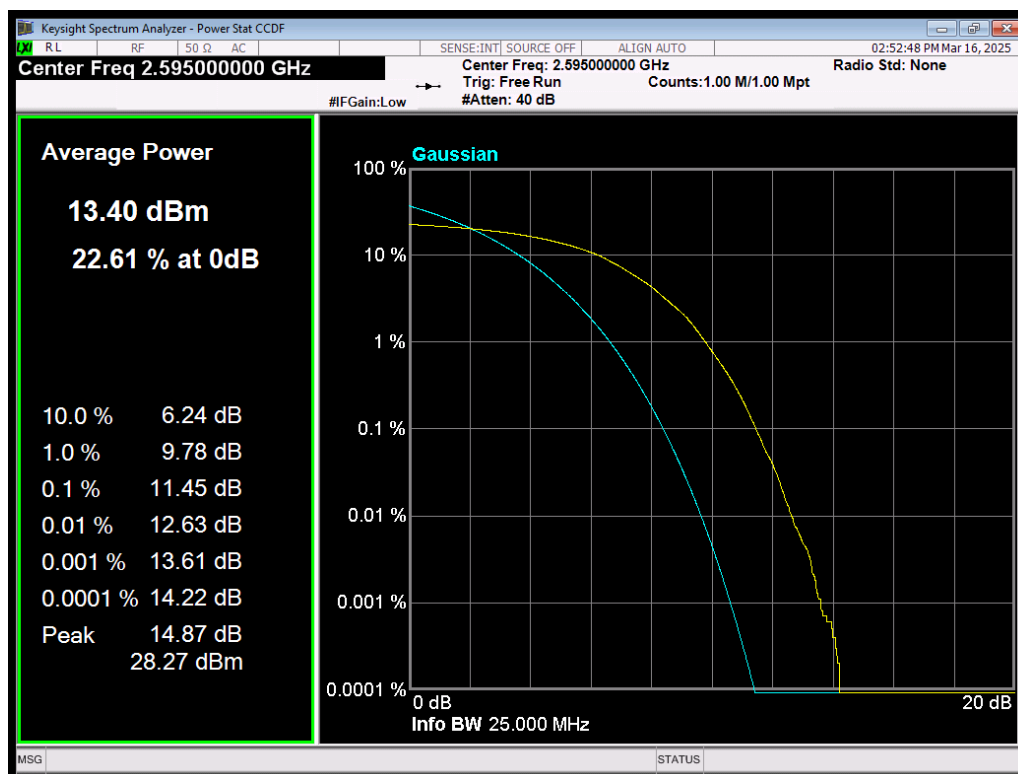
Band41(2535-2655) 64QAM BW=10MHz Channel=40640 RB Size=50 Position=#0



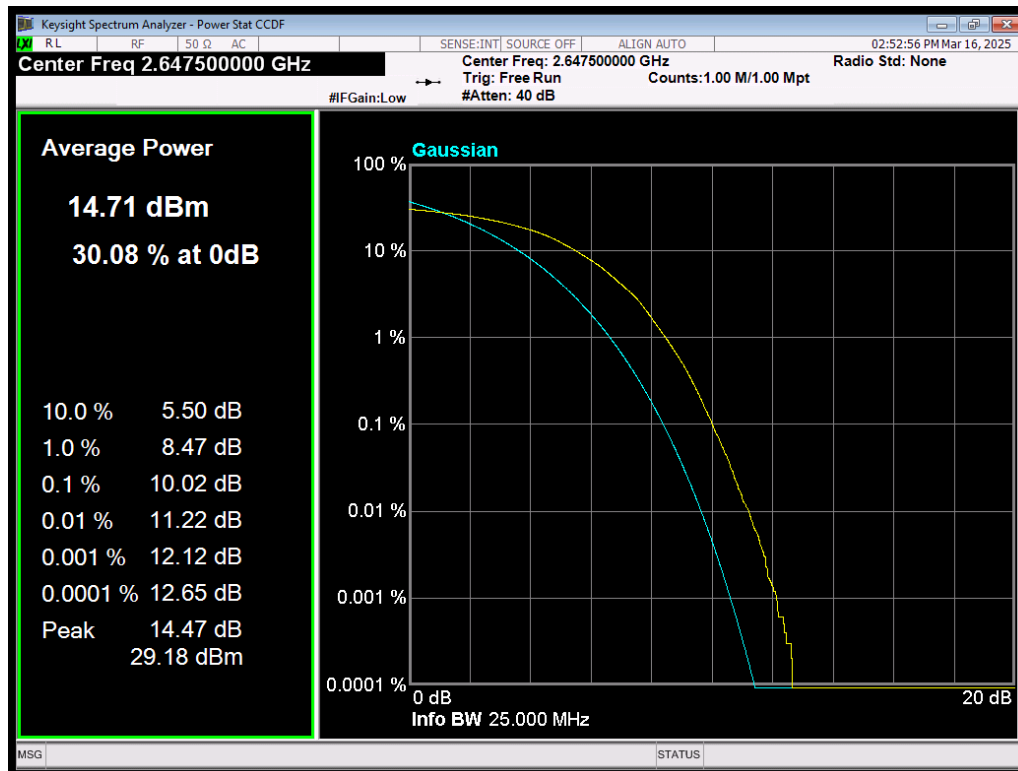
Band41(2535-2655) 64QAM BW=10MHz Channel=41190 RB Size=50 Position=#0



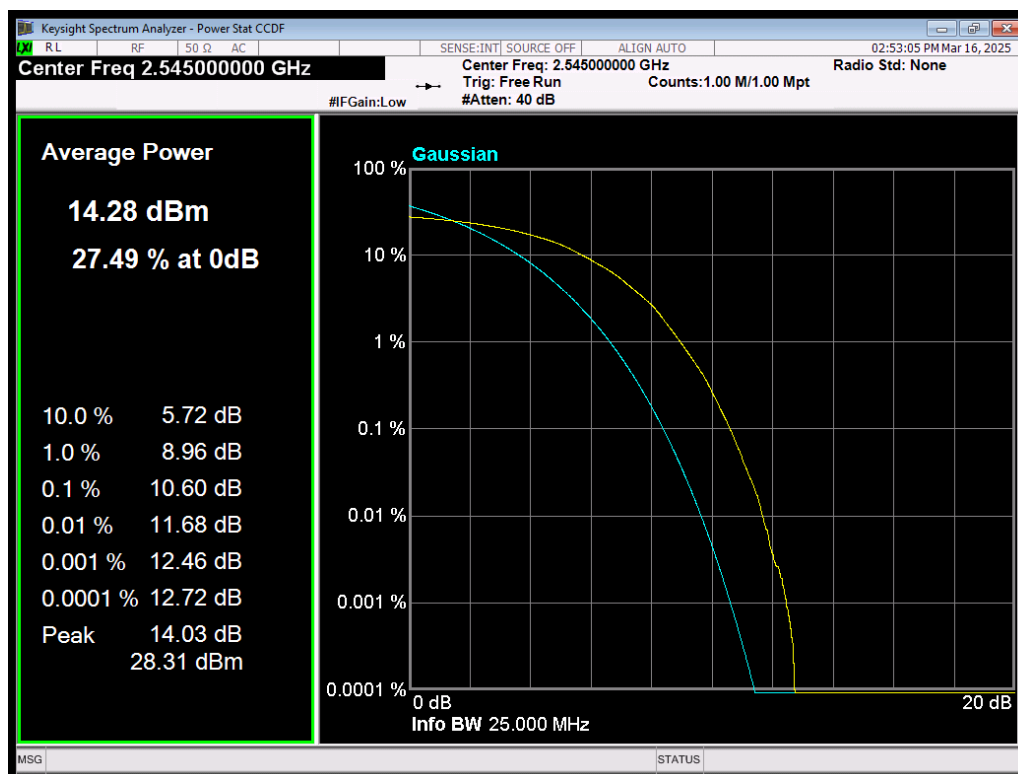
Band41(2535-2655) 64QAM BW=15MHz Channel=40115 RB Size=75 Position=#0



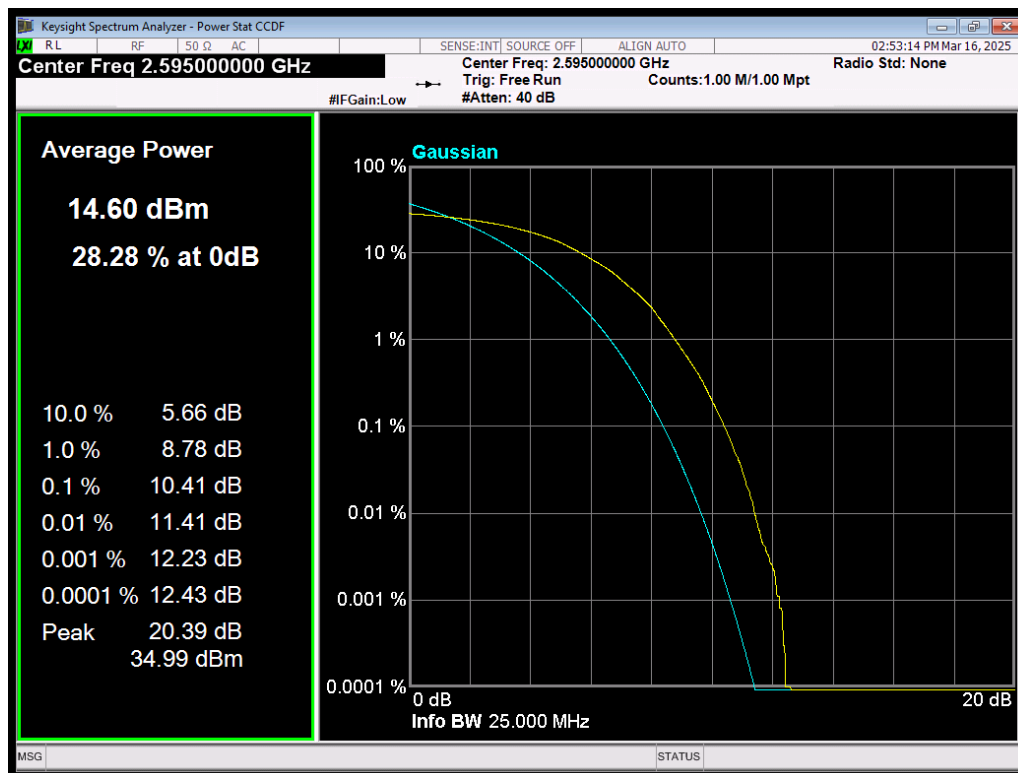
Band41(2535-2655) 64QAM BW=15MHz Channel=40640 RB Size=75 Position=#0



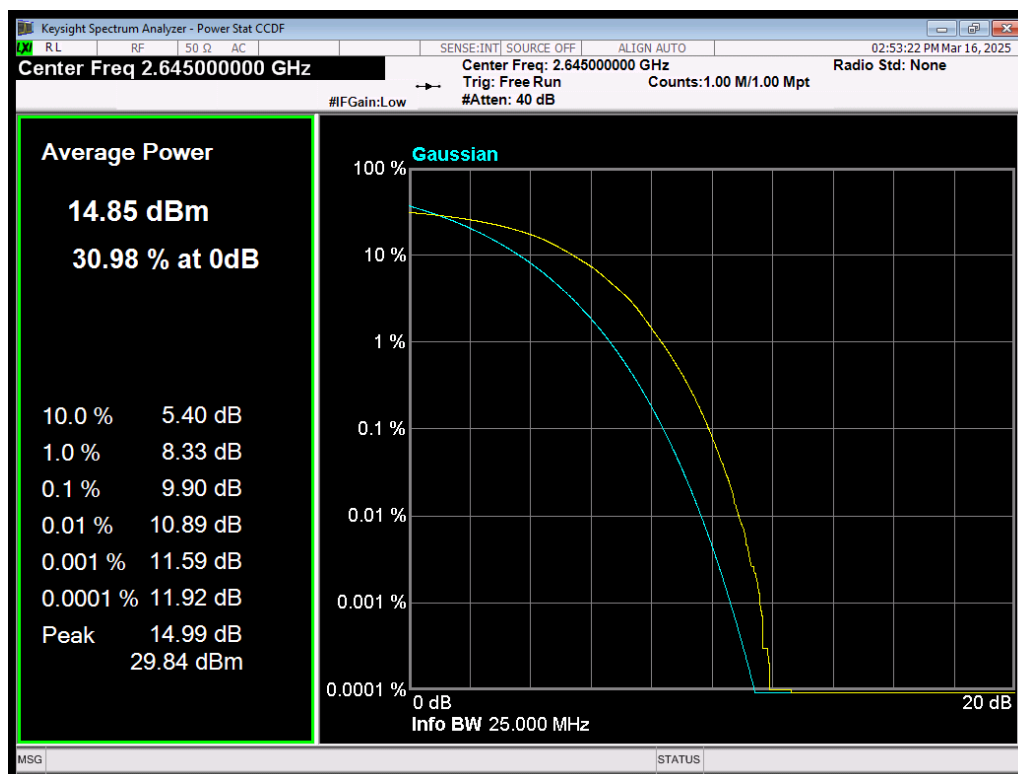
Band41(2535-2655) 64QAM BW=15MHz Channel=41165 RB Size=75 Position=#0



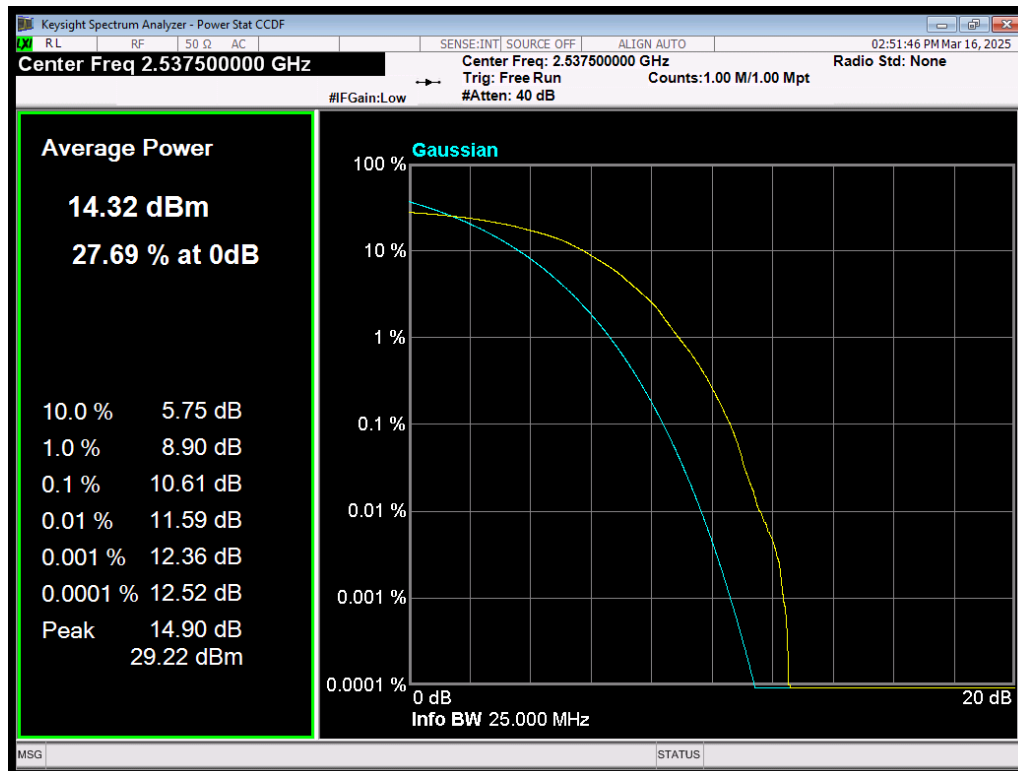
Band41(2535-2655) 64QAM BW=20MHz Channel=40140 RB Size=100 Position=#0



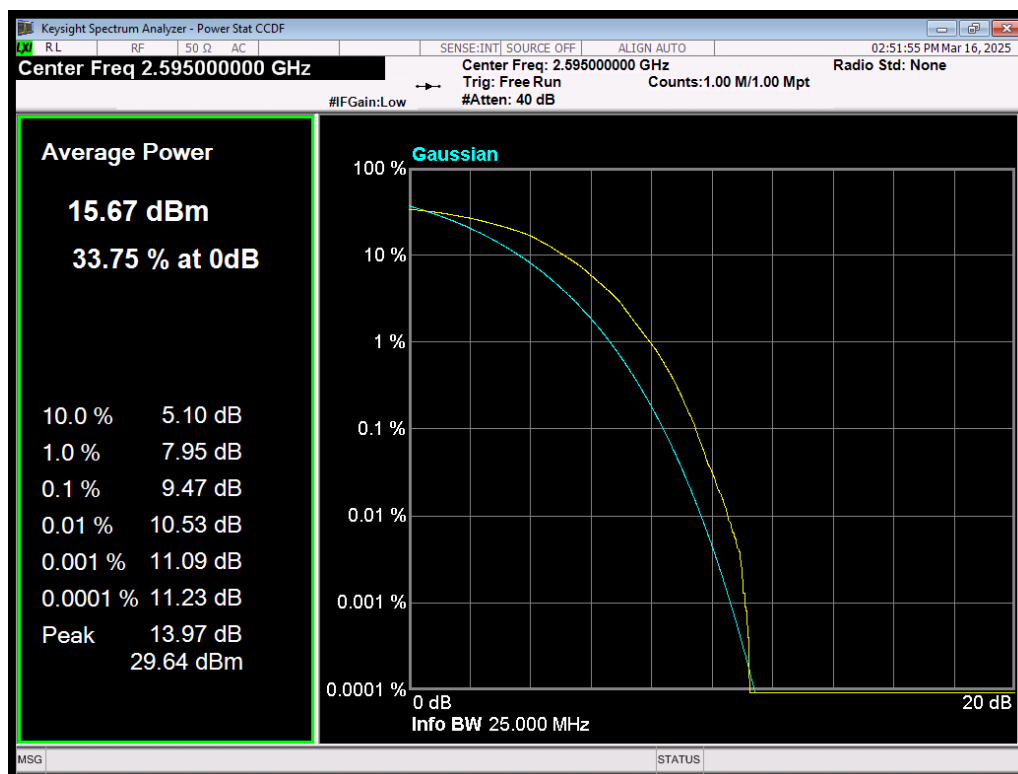
Band41(2535-2655) 64QAM BW=20MHz Channel=40640 RB Size=100 Position=#0



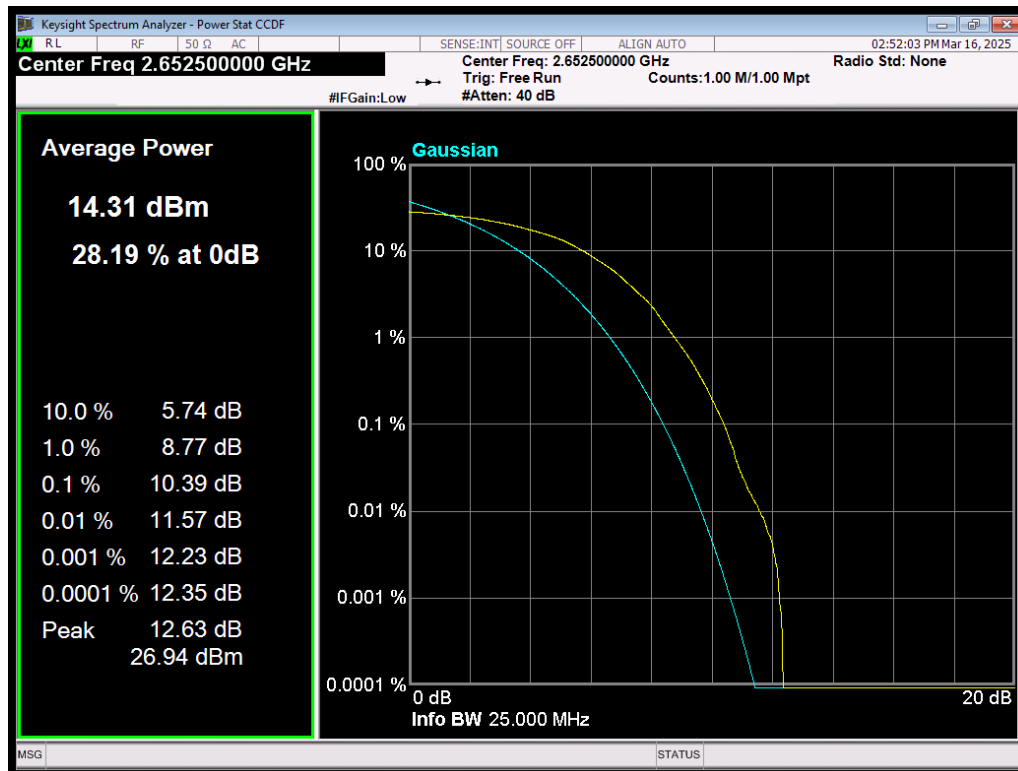
Band41(2535-2655) 64QAM BW=20MHz Channel=41140 RB Size=100 Position=#0



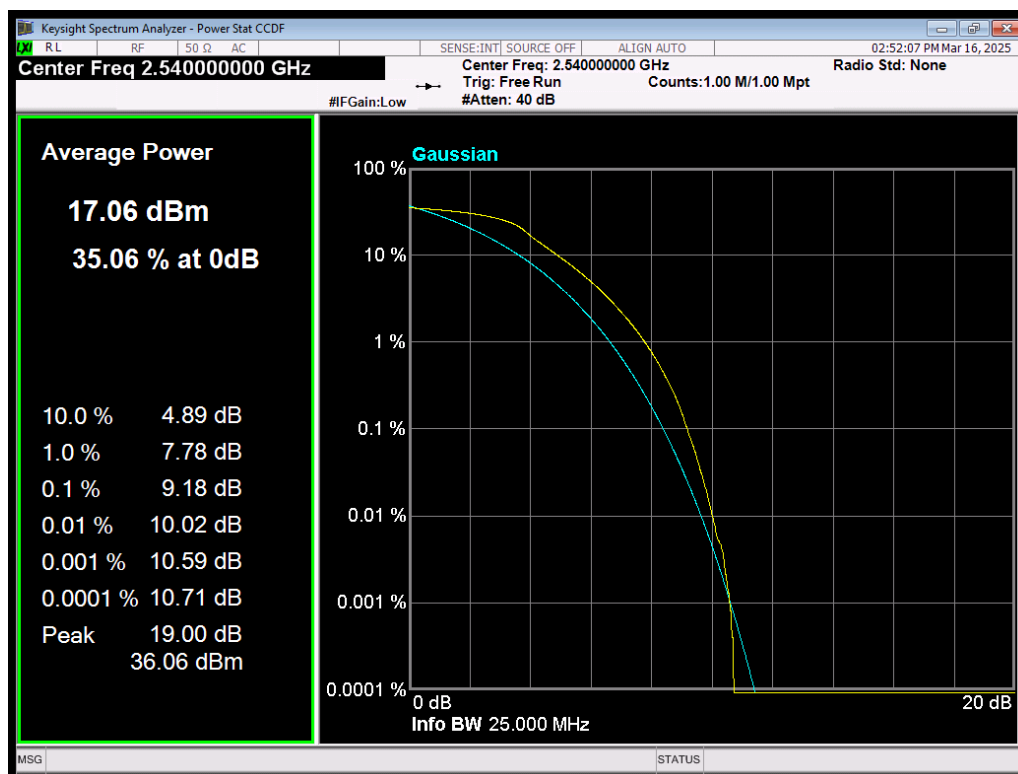
Band41(2535-2655) 64QAM BW=5MHz Channel=40065 RB Size=25 Position=#0



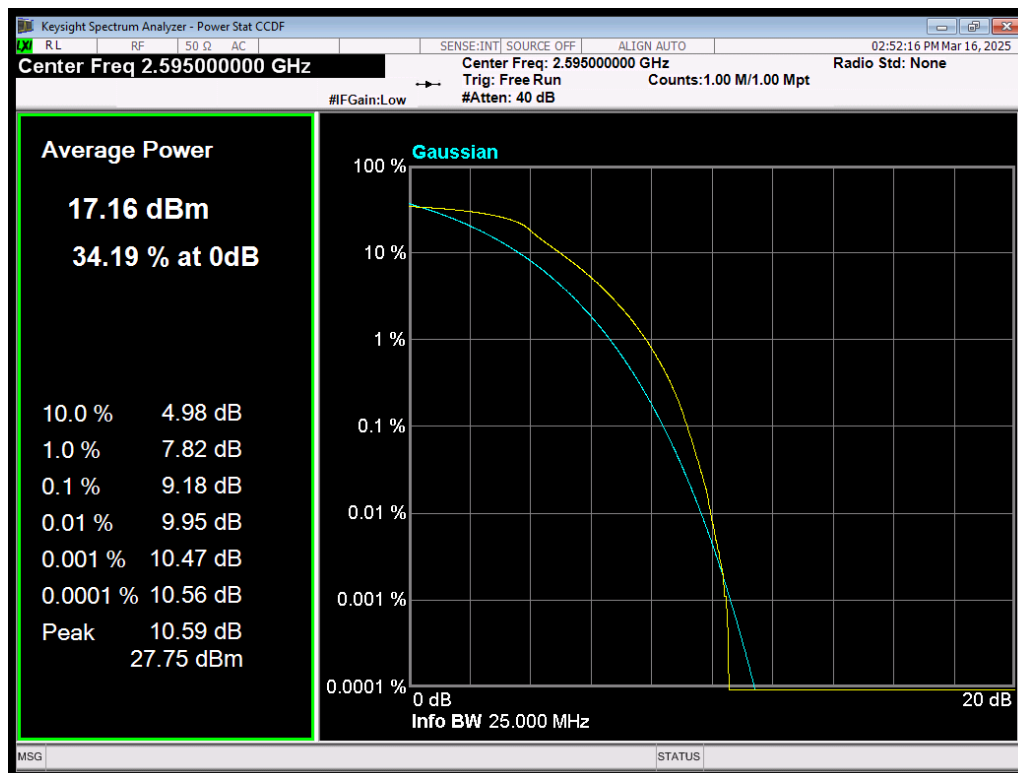
Band41(2535-2655) 64QAM BW=5MHz Channel=40640 RB Size=25 Position=#0



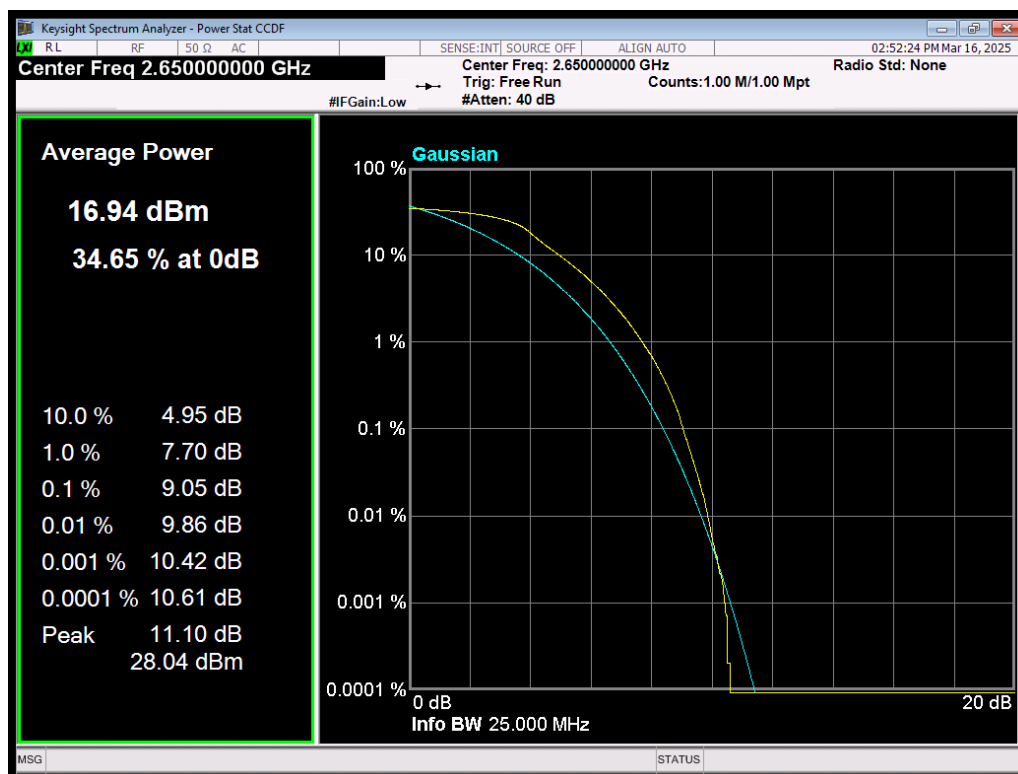
Band41(2535-2655) 64QAM BW=5MHz Channel=41215 RB Size=25 Position=#0



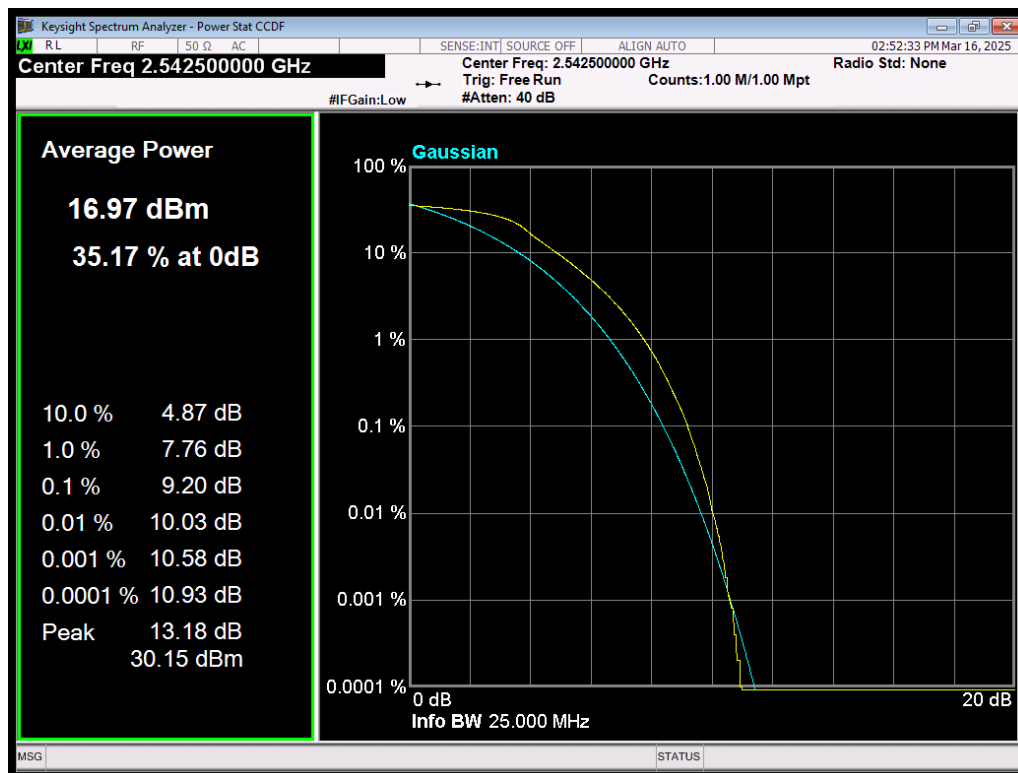
Band41(2535-2655) QPSK BW=10MHz Channel=40090 RB Size=50 Position=#0



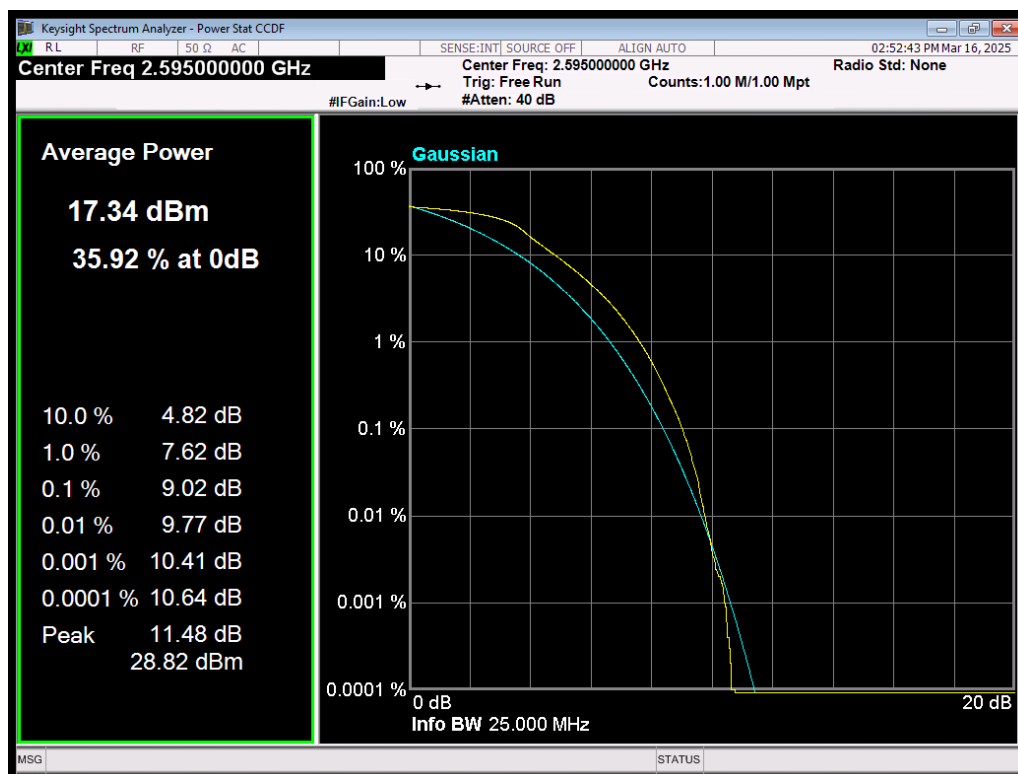
Band41(2535-2655) QPSK BW=10MHz Channel=40640 RB Size=50 Position=#0



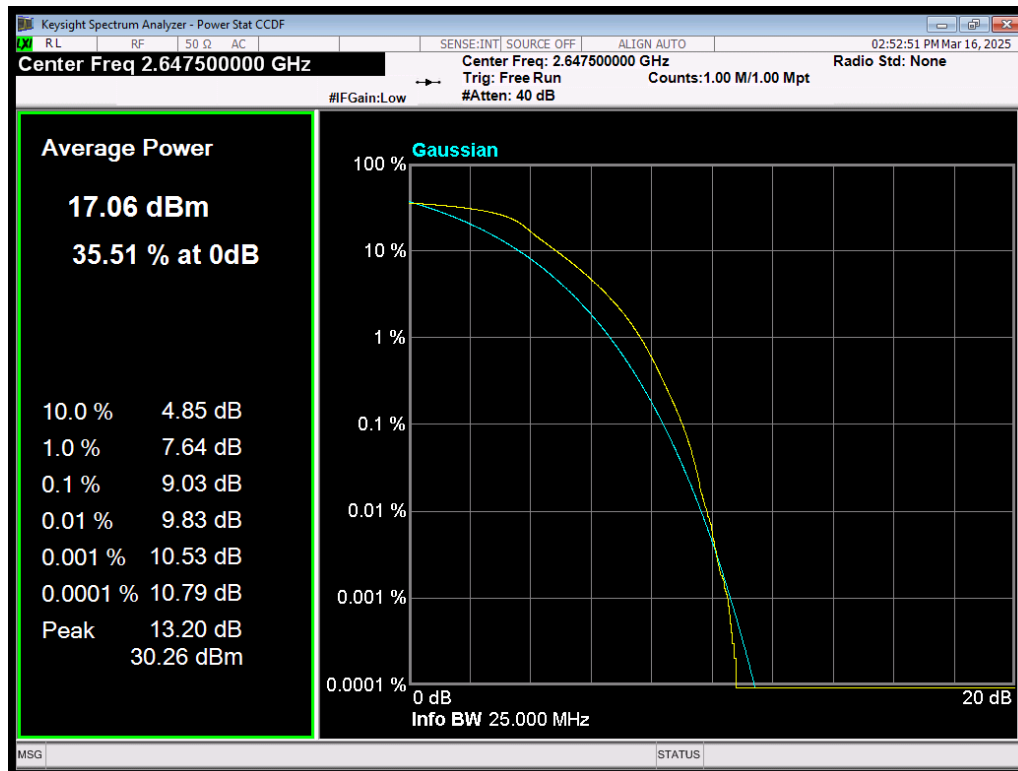
Band41(2535-2655) QPSK BW=10MHz Channel=41190 RB Size=50 Position=#0



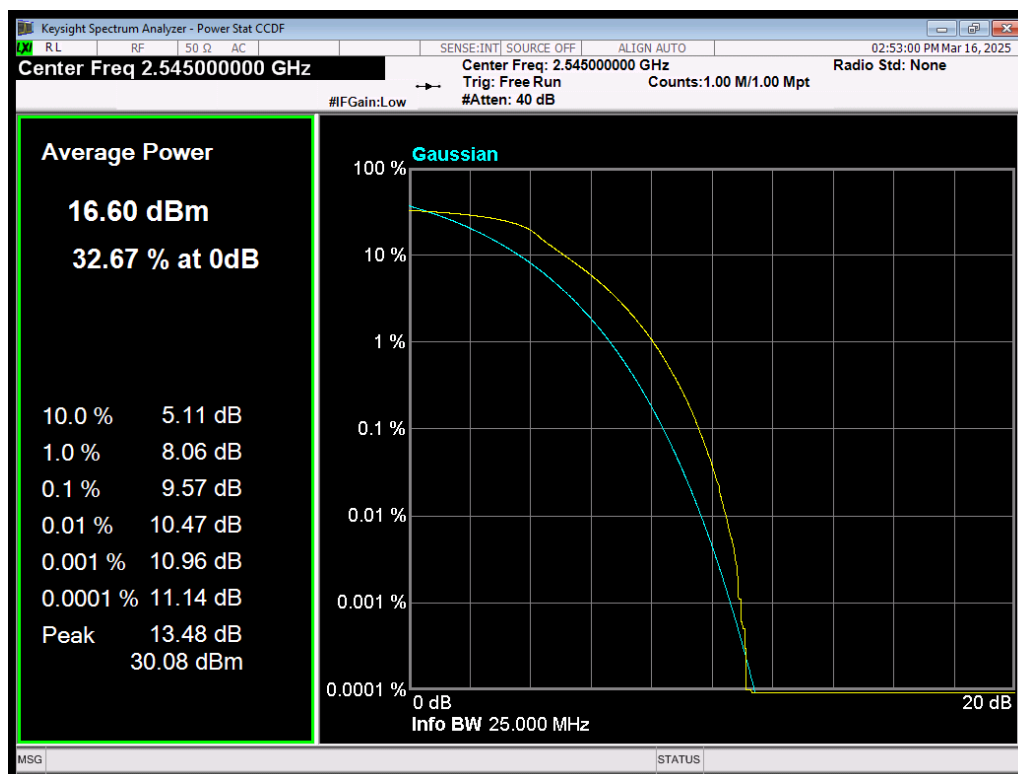
Band41(2535-2655) QPSK BW=15MHz Channel=40115 RB Size=75 Position=#0



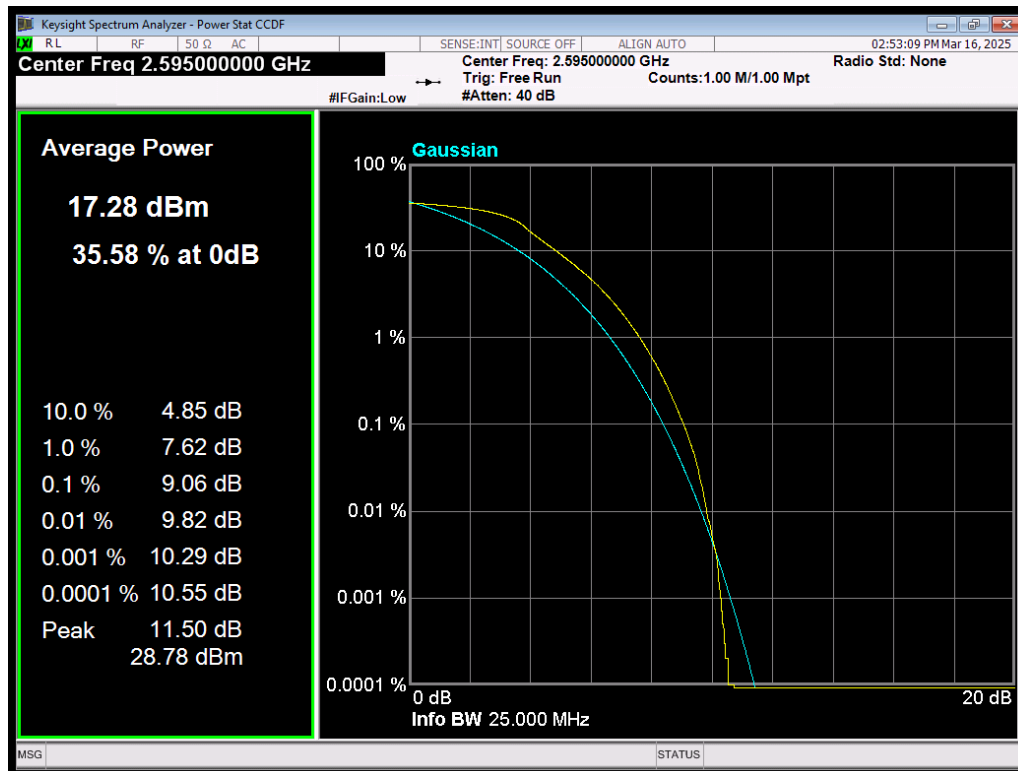
Band41(2535-2655) QPSK BW=15MHz Channel=40640 RB Size=75 Position=#0



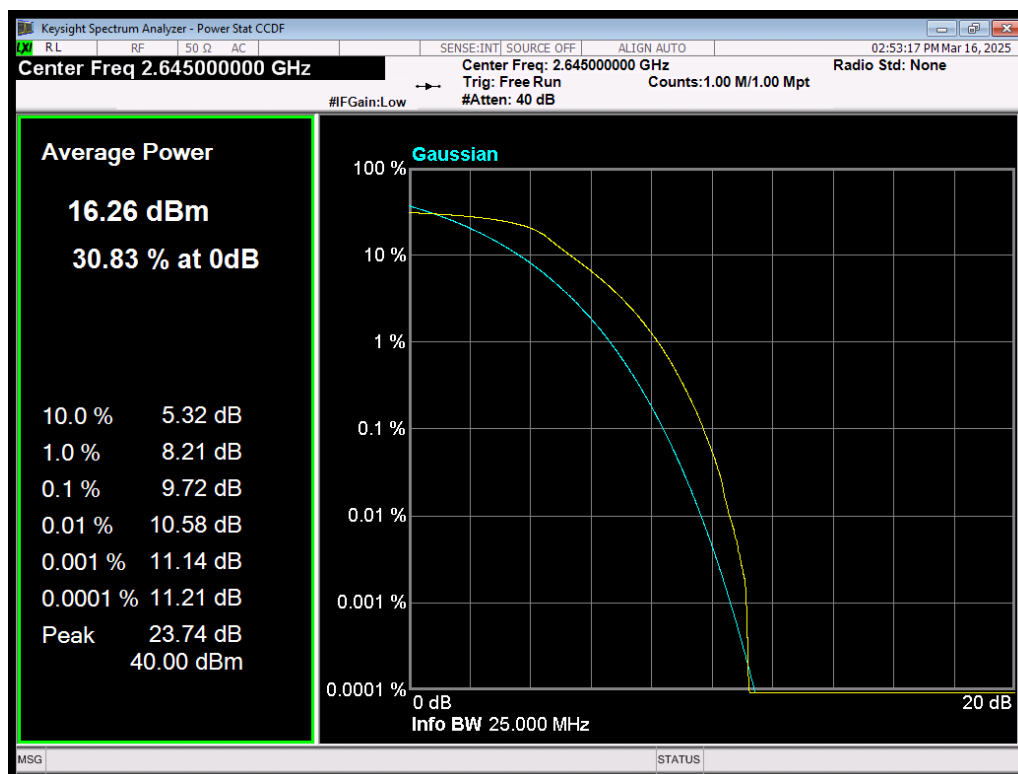
Band41(2535-2655) QPSK BW=15MHz Channel=41165 RB Size=75 Position=#0



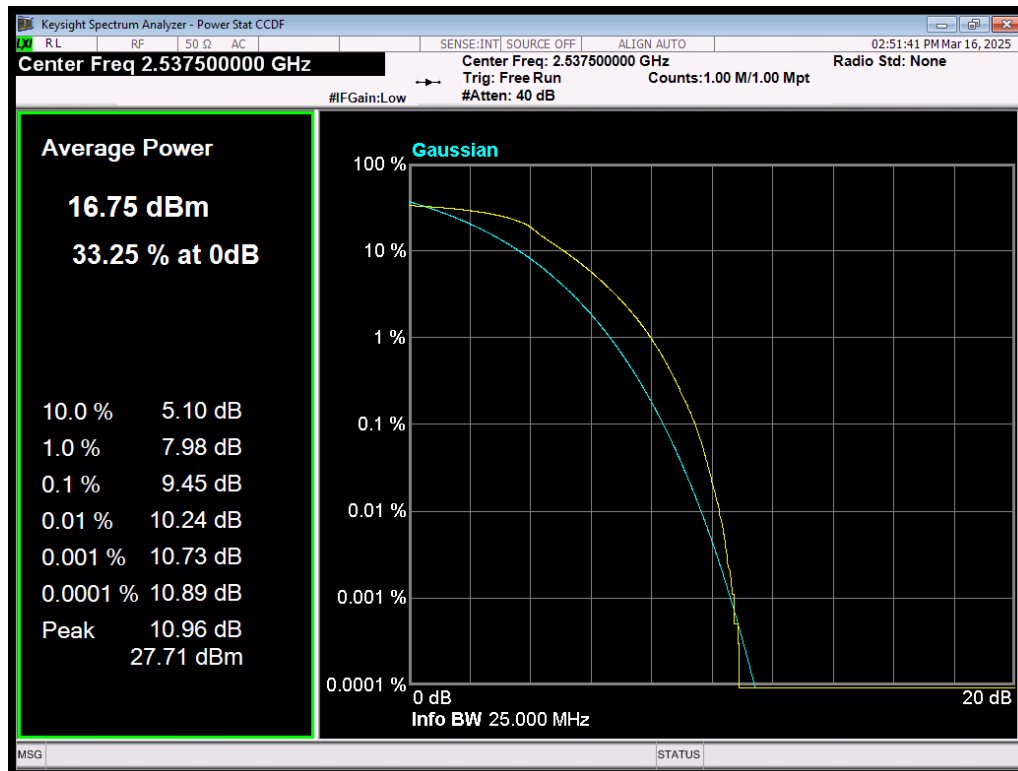
Band41(2535-2655) QPSK BW=20MHz Channel=40140 RB Size=100 Position=#0



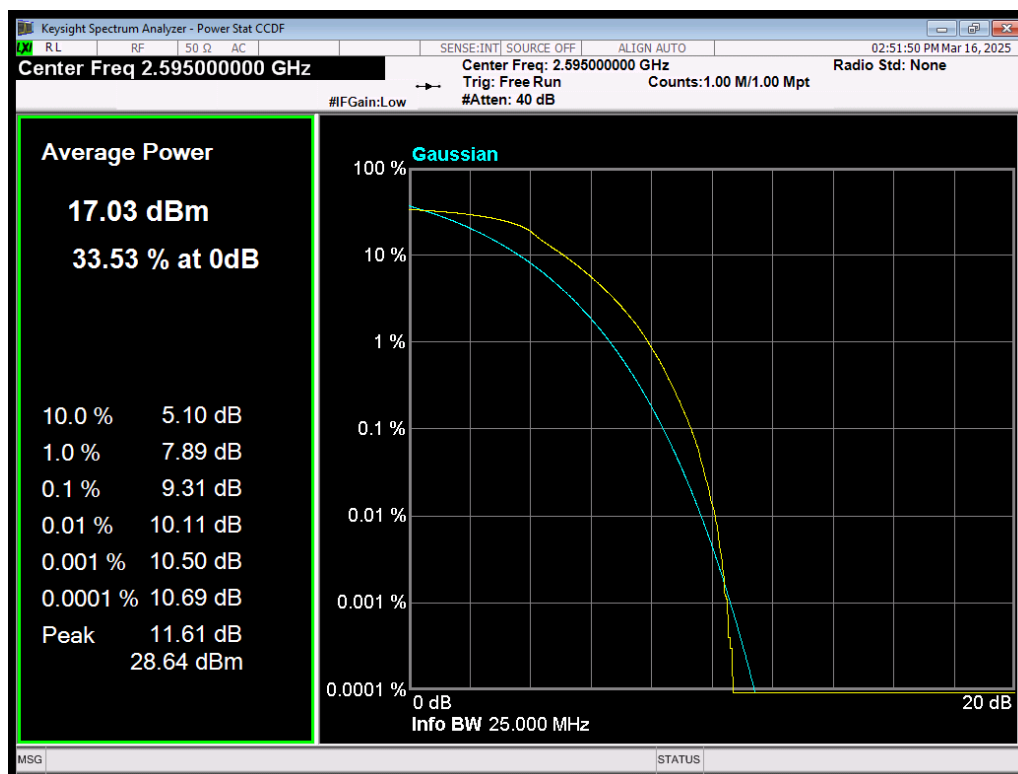
Band41(2535-2655) QPSK BW=20MHz Channel=40640 RB Size=100 Position=#0



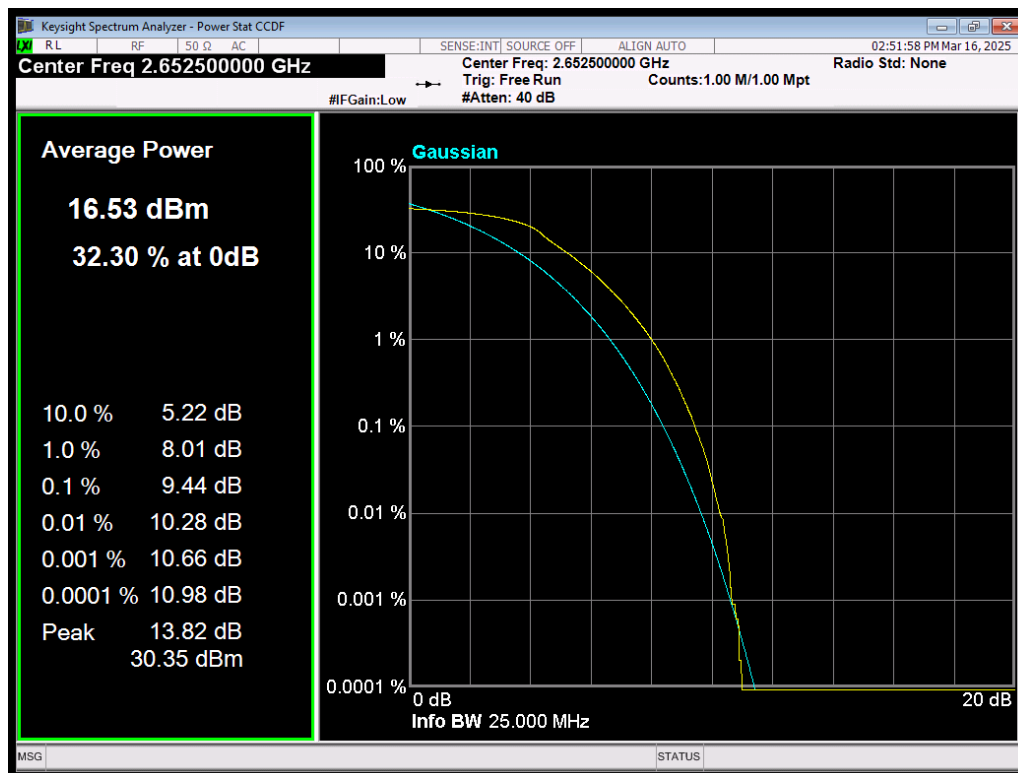
Band41(2535-2655) QPSK BW=20MHz Channel=41140 RB Size=100 Position=#0



Band41(2535-2655) QPSK BW=5MHz Channel=40065 RB Size=25 Position=#0



Band41(2535-2655) QPSK BW=5MHz Channel=40640 RB Size=25 Position=#0



Band41(2535-2655) QPSK BW=5MHz Channel=41215 RB Size=25 Position=#0

6.5 Frequency Stability

	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Temperature	Voltage	GMSK	GMSK	
GSM850	Extreme (50℃)	NV	12.07	0.01443	PASS
	Extreme (40℃)		15.74	0.01881	PASS
	Extreme (30℃)		17.95	0.02146	PASS
	Extreme (20℃)		16.41	0.01961	PASS
	Extreme (10℃)		11.51	0.01375	PASS
	Extreme (0℃)		7.26	0.00867	PASS
	Extreme (-10℃)		7.25	0.00866	PASS
	Extreme (-20℃)		17.63	0.02108	PASS
	Extreme (-30℃)		7.68	0.00917	PASS
	20℃	LV	17.83	0.02131	PASS
		HV	17.85	0.02133	PASS
	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Temperature	Voltage	QPSK	QPSK	
WCDMA B5	Extreme (50℃)	NV	3.89	0.00465	PASS
	Extreme (40℃)		15.81	0.01890	PASS
	Extreme (30℃)		5.64	0.00674	PASS
	Extreme (20℃)		12.81	0.01531	PASS
	Extreme (10℃)		8.04	0.00961	PASS
	Extreme (0℃)		17.21	0.02057	PASS
	Extreme (-10℃)		3.32	0.00397	PASS
	Extreme (-20℃)		6.35	0.00759	PASS
	Extreme (-30℃)		4.18	0.00499	PASS
	20℃	LV	6.47	0.00773	PASS
		HV	7.81	0.00934	PASS
	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	1.4MHz			
BAND5	Temperature	Voltage	QPSK	QPSK	
	Extreme (50℃)		6.28	0.00751	PASS
	Extreme (40℃)		5.18	0.00619	PASS
	Extreme (30℃)		7.78	0.00930	PASS
	Extreme (20℃)		1.61	0.00192	PASS

	Extreme (10℃)		7.22	0.00863	PASS
	Extreme (0℃)		15.21	0.01818	PASS
	Extreme (-10℃)		16.05	0.01918	PASS
	Extreme (-20℃)		2.40	0.00287	PASS
	Extreme (-30℃)		1.02	0.00122	PASS
	20℃	LV	6.90	0.00825	PASS
		HV	6.04	0.00722	PASS
BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	3MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50℃)		10.27	0.01227	PASS
	Extreme (40℃)		11.12	0.01330	PASS
	Extreme (30℃)		1.76	0.00210	PASS
	Extreme (20℃)		10.92	0.01306	PASS
	Extreme (10℃)		14.71	0.01758	PASS
	Extreme (0℃)		2.11	0.00252	PASS
	Extreme (-10℃)		16.47	0.01970	PASS
	Extreme (-20℃)		9.31	0.01113	PASS
	Extreme (-30℃)		13.75	0.01643	PASS
	20℃	LV	12.18	0.01456	PASS
		HV	6.42	0.00768	PASS
BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	5MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50℃)		10.93	0.01306	PASS
	Extreme (40℃)		8.92	0.01067	PASS
	Extreme (30℃)		14.52	0.01736	PASS
	Extreme (20℃)		11.52	0.01378	PASS
	Extreme (10℃)		14.59	0.01744	PASS
	Extreme (0℃)		7.65	0.00914	PASS
	Extreme (-10℃)		10.61	0.01268	PASS
	Extreme (-20℃)		14.09	0.01685	PASS
	Extreme (-30℃)		4.95	0.00592	PASS
	20℃	LV	6.50	0.00777	PASS
		HV	4.30	0.00514	PASS
BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	10MHz			
	Temperature	Voltage	QPSK	QPSK	

	Extreme (50℃)		13.50	0.01613	PASS
	Extreme (40℃)		10.70	0.01279	PASS
	Extreme (30℃)		5.03	0.00601	PASS
	Extreme (20℃)		4.93	0.00590	PASS
	Extreme (10℃)		14.59	0.01744	PASS
	Extreme (0℃)		11.57	0.01383	PASS
	Extreme (-10℃)		11.86	0.01418	PASS
	Extreme (-20℃)		6.96	0.00832	PASS
	Extreme (-30℃)		14.97	0.01790	PASS
	20℃	LV	13.85	0.01655	PASS
		HV	16.71	0.01998	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	1.4MHz			
	Temperature	Voltage	QPSK	QPSK	PASS
	Extreme (50℃)	NV	7.67	0.00917	
	Extreme (40℃)		12.72	0.01521	
	Extreme (30℃)		2.36	0.00282	
	Extreme (20℃)		13.89	0.01660	
	Extreme (10℃)		3.29	0.00394	
	Extreme (0℃)		5.38	0.00643	
	Extreme (-10℃)		14.27	0.01706	
	Extreme (-20℃)		14.59	0.01744	
	Extreme (-30℃)		7.23	0.00864	
	20℃	LV	12.79	0.01529	
		HV	14.31	0.01711	
	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	3MHz			
	Temperature	Voltage	QPSK	QPSK	PASS
	Extreme (50℃)	NV	5.68	0.00679	
	Extreme (40℃)		10.02	0.01197	
	Extreme (30℃)		3.90	0.00466	
	Extreme (20℃)		3.39	0.00405	
	Extreme (10℃)		8.97	0.01072	
	Extreme (0℃)		9.57	0.01144	
	Extreme (-10℃)		3.53	0.00422	
	Extreme (-20℃)		13.13	0.01569	
	Extreme (-30℃)		7.09	0.00848	
	20℃	LV	11.59	0.01385	
		HV	17.13	0.02048	
BAND26	Condition		Freq.Error	Frequency	Verdict

(824-849)			(Hz)	Stability (ppm)	
	BANDWIDTH	5MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	6.42	0.00768	PASS
	Extreme (40°C)		4.31	0.00516	PASS
	Extreme (30°C)		2.36	0.00282	PASS
	Extreme (20°C)		13.88	0.01660	PASS
	Extreme (10°C)		15.48	0.01851	PASS
	Extreme (0°C)		4.50	0.00538	PASS
	Extreme (-10°C)		13.07	0.01562	PASS
	Extreme (-20°C)		6.02	0.00719	PASS
	Extreme (-30°C)		9.44	0.01128	PASS
	20°C	LV	12.63	0.01510	PASS
		HV	10.19	0.01218	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	10MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)	NV	11.55	0.01381	PASS
	Extreme (40°C)		9.73	0.01164	PASS
	Extreme (30°C)		4.15	0.00496	PASS
	Extreme (20°C)		4.21	0.00503	PASS
	Extreme (10°C)		8.76	0.01047	PASS
	Extreme (0°C)		4.17	0.00498	PASS
	Extreme (-10°C)		14.93	0.01785	PASS
	Extreme (-20°C)		14.42	0.01724	PASS
	Extreme (-30°C)		3.32	0.00397	PASS
	20°C	LV	2.62	0.00314	PASS
		HV	12.31	0.01472	PASS
BAND26 (824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	15MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50°C)		15.37	0.01837	PASS
	Extreme (40°C)		17.43	0.02084	PASS
	Extreme (30°C)		9.66	0.01154	PASS
	Extreme (20°C)		15.29	0.01827	PASS
	Extreme (10°C)		5.11	0.00611	PASS
	Extreme (0°C)		9.68	0.01157	PASS
	Extreme (-10°C)		17.49	0.02091	PASS
	Extreme (-20°C)		8.99	0.01075	PASS

	Extreme (-30℃)		8.01	0.00957	PASS
	20℃	LV	6.27	0.00750	PASS
		HV	10.71	0.01280	PASS
BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	1.4MHz			
	Temperature	Voltage			
	Extreme (50℃)	NV	9.16	0.01119	PASS
	Extreme (40℃)		11.73	0.01432	PASS
	Extreme (30℃)		2.88	0.00352	PASS
	Extreme (20℃)		15.06	0.01838	PASS
	Extreme (10℃)		13.75	0.01679	PASS
	Extreme (0℃)		16.16	0.01973	PASS
	Extreme (-10℃)		1.24	0.00151	PASS
	Extreme (-20℃)		15.17	0.01852	PASS
	Extreme (-30℃)		4.97	0.00607	PASS
	20℃	LV	6.02	0.00735	PASS
		HV	7.82	0.00955	PASS
BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	3MHz			
	Temperature	Voltage			
	Extreme (50℃)	NV	13.78	0.01683	PASS
	Extreme (40℃)		6.24	0.00762	PASS
	Extreme (30℃)		16.47	0.02011	PASS
	Extreme (20℃)		13.52	0.01651	PASS
	Extreme (10℃)		9.41	0.01149	PASS
	Extreme (0℃)		11.13	0.01358	PASS
	Extreme (-10℃)		5.69	0.00695	PASS
	Extreme (-20℃)		8.87	0.01083	PASS
	Extreme (-30℃)		15.76	0.01924	PASS
	20℃	LV	9.16	0.01119	PASS
		HV	10.84	0.01324	PASS
BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	5MHz			
	Temperature	Voltage			
	Extreme (50℃)	NV	5.57	0.00680	PASS
	Extreme (40℃)		8.46	0.01033	PASS
	Extreme (30℃)		5.62	0.00686	PASS
	Extreme (20℃)		2.83	0.00345	PASS

	Extreme (10℃)		1.62	0.00198	PASS
	Extreme (0℃)		7.95	0.00971	PASS
	Extreme (-10℃)		13.55	0.01655	PASS
	Extreme (-20℃)		15.68	0.01915	PASS
	Extreme (-30℃)		9.90	0.01209	PASS
	20℃	LV	17.62	0.02151	PASS
		HV	11.76	0.01436	PASS
BAND26 (814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	10MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50℃)	NV	5.66	0.00691	PASS
	Extreme (40℃)		9.23	0.01127	PASS
	Extreme (30℃)		4.05	0.00494	PASS
	Extreme (20℃)		16.02	0.01956	PASS
	Extreme (10℃)		6.94	0.00848	PASS
	Extreme (0℃)		8.36	0.01020	PASS
	Extreme (-10℃)		11.69	0.01427	PASS
	Extreme (-20℃)		11.54	0.01409	PASS
	Extreme (-30℃)		2.36	0.00288	PASS
	20℃	LV	13.32	0.01627	PASS
		HV	14.70	0.01795	PASS

GSM1900 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1850.2	BANDWIDTH	0.2MHz	GSMK			
	Temperature	Voltage				
	Extreme (50℃)	NV	1850.063	1850.337	1850-1910	PASS
	Extreme (40℃)		1850.066	1850.334	1850-1910	PASS
	Extreme (30℃)		1850.071	1850.329	1850-1910	PASS
	Extreme (20℃)		1850.065	1850.335	1850-1910	PASS
	Extreme (10℃)		1850.060	1850.340	1850-1910	PASS
	Extreme (0℃)		1850.063	1850.337	1850-1910	PASS
	Extreme (-10℃)		1850.065	1850.335	1850-1910	PASS
	Extreme (-20℃)		1850.064	1850.336	1850-1910	PASS
	Extreme (-30℃)		1850.073	1850.327	1850-1910	PASS
	20℃	LV	1850.065	1850.335	1850-1910	PASS
		HV	1850.074	1850.326	1850-1910	PASS
GSM1900 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

1909.8	BANDWIDTH	0.2MHz				
	Temperature	Voltage	GSMK			
	Extreme (50℃)	NV	1909.662	1909.938	1850-1910	PASS
	Extreme (40℃)		1909.667	1909.933	1850-1910	PASS
	Extreme (30℃)		1909.669	1909.931	1850-1910	PASS
	Extreme (20℃)		1909.674	1909.926	1850-1910	PASS
	Extreme (10℃)		1909.675	1909.925	1850-1910	PASS
	Extreme (0℃)		1909.669	1909.931	1850-1910	PASS
	Extreme (-10℃)		1909.674	1909.926	1850-1910	PASS
	Extreme (-20℃)		1909.662	1909.938	1850-1910	PASS
	Extreme (-30℃)		1909.680	1909.920	1850-1910	PASS
	20℃	LV	1909.672	1909.928	1850-1910	PASS
		HV	1909.677	1909.923	1850-1910	PASS
WCDMA B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1852.4	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1850.315	1854.485	1850-1910	PASS
	Extreme (40℃)		1850.318	1854.482	1850-1910	PASS
	Extreme (30℃)		1850.318	1854.482	1850-1910	PASS
	Extreme (20℃)		1850.323	1854.477	1850-1910	PASS
	Extreme (10℃)		1850.318	1854.482	1850-1910	PASS
	Extreme (0℃)		1850.329	1854.471	1850-1910	PASS
	Extreme (-10℃)		1850.321	1854.479	1850-1910	PASS
	Extreme (-20℃)		1850.316	1854.484	1850-1910	PASS
	Extreme (-30℃)		1850.326	1854.474	1850-1910	PASS
	20℃	LV	1850.323	1854.477	1850-1910	PASS
		HV	1850.319	1854.481	1850-1910	PASS
WCDMA B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1712.4	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1710.317	1714.483	1710-1755	PASS
	Extreme (40℃)		1710.324	1714.476	1710-1755	PASS
	Extreme (30℃)		1710.323	1714.477	1710-1755	PASS
	Extreme (20℃)		1710.321	1714.479	1710-1755	PASS
	Extreme (10℃)		1710.321	1714.479	1710-1755	PASS
	Extreme (0℃)		1710.324	1714.476	1710-1755	PASS

	Extreme (-10℃)		1710.325	1714.475	1710-1755	PASS
	Extreme (-20℃)		1710.328	1714.472	1710-1755	PASS
	Extreme (-30℃)		1710.320	1714.480	1710-1755	PASS
	20℃	LV	1710.316	1714.484	1710-1755	PASS
		HV	1710.317	1714.483	1710-1755	PASS
WCDMA B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1907.6	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	1905.519	1909.681	1850-1910	PASS
	Extreme (40℃)		1905.517	1909.683	1850-1910	PASS
	Extreme (30℃)		1905.518	1909.682	1850-1910	PASS
	Extreme (20℃)		1905.520	1909.680	1850-1910	PASS
	Extreme (10℃)		1905.529	1909.671	1850-1910	PASS
	Extreme (0℃)		1905.519	1909.681	1850-1910	PASS
	Extreme (-10℃)		1905.521	1909.679	1850-1910	PASS
	Extreme (-20℃)		1905.522	1909.678	1850-1910	PASS
	Extreme (-30℃)		1905.525	1909.675	1850-1910	PASS
	20℃	LV	1905.528	1909.672	1850-1910	PASS
		HV	1905.522	1909.678	1850-1910	PASS
WCDMA B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1752.6	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	1750.523	1754.677	1710-1755	PASS
	Extreme (40℃)		1750.518	1754.682	1710-1755	PASS
	Extreme (30℃)		1750.515	1754.685	1710-1755	PASS
	Extreme (20℃)		1750.522	1754.678	1710-1755	PASS
	Extreme (10℃)		1750.529	1754.671	1710-1755	PASS
	Extreme (0℃)		1750.524	1754.676	1710-1755	PASS
	Extreme (-10℃)		1750.519	1754.681	1710-1755	PASS
	Extreme (-20℃)		1750.520	1754.680	1710-1755	PASS
	Extreme (-30℃)		1750.526	1754.674	1710-1755	PASS
	20℃	LV	1750.517	1754.683	1710-1755	PASS
		HV	1750.524	1754.676	1710-1755	PASS

LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1850.7	BANDWIDTH	1.4MHz	1850.150	1851.250	1850-1910	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.150	1851.250	1850-1910	PASS
	Extreme (40°C)		1850.147	1851.253	1850-1910	PASS
	Extreme (30°C)		1850.146	1851.254	1850-1910	PASS
	Extreme (20°C)		1850.145	1851.255	1850-1910	PASS
	Extreme (10°C)		1850.146	1851.254	1850-1910	PASS
	Extreme (0°C)		1850.148	1851.252	1850-1910	PASS
	Extreme (-10°C)		1850.147	1851.253	1850-1910	PASS
	Extreme (-20°C)		1850.148	1851.252	1850-1910	PASS
	Extreme (-30°C)		1850.149	1851.251	1850-1910	PASS
	20°C	LV	1850.149	1851.251	1850-1910	PASS
		HV	1850.149	1851.251	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1851.5	BANDWIDTH	3MHz	1850.146	1852.854	1850-1910	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.148	1852.852	1850-1910	PASS
	Extreme (40°C)		1850.148	1852.852	1850-1910	PASS
	Extreme (30°C)		1850.150	1852.850	1850-1910	PASS
	Extreme (20°C)		1850.145	1852.855	1850-1910	PASS
	Extreme (10°C)		1850.146	1852.854	1850-1910	PASS
	Extreme (0°C)		1850.149	1852.851	1850-1910	PASS
	Extreme (-10°C)		1850.147	1852.853	1850-1910	PASS
	Extreme (-20°C)		1850.146	1852.854	1850-1910	PASS
	Extreme (-30°C)		1850.147	1852.853	1850-1910	PASS
	20°C	LV	1850.147	1852.853	1850-1910	PASS
		HV	1850.149	1852.851	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1852.5	BANDWIDTH	5MHz	1850.200	1854.800	1850-1910	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.254	1854.746	1850-1910	PASS
	Extreme (40°C)		1850.278	1854.722	1850-1910	PASS
	Extreme (30°C)		1850.298	1854.702	1850-1910	PASS
	Extreme (20°C)		1850.216	1854.784	1850-1910	PASS
	Extreme (10°C)		1850.243	1854.757	1850-1910	PASS
	Extreme (0°C)		1850.243	1854.757	1850-1910	PASS

	Extreme (-10°C)		1850.255	1854.745	1850-1910	PASS
	Extreme (-20°C)		1850.300	1854.700	1850-1910	PASS
	Extreme (-30°C)		1850.258	1854.742	1850-1910	PASS
	20°C	LV	1850.254	1854.746	1850-1910	PASS
		HV	1850.256	1854.744	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1855	BANDWIDTH	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.505	1859.495	1850-1910	PASS
	Extreme (40°C)		1850.612	1859.388	1850-1910	PASS
	Extreme (30°C)		1850.631	1859.369	1850-1910	PASS
	Extreme (20°C)		1850.537	1859.463	1850-1910	PASS
	Extreme (10°C)		1850.562	1859.438	1850-1910	PASS
	Extreme (0°C)		1850.524	1859.476	1850-1910	PASS
	Extreme (-10°C)		1850.612	1859.388	1850-1910	PASS
	Extreme (-20°C)		1850.524	1859.476	1850-1910	PASS
	Extreme (-30°C)		1850.634	1859.366	1850-1910	PASS
	20°C	LV	1850.520	1859.480	1850-1910	PASS
		HV	1850.606	1859.394	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1857.5	BANDWIDTH	15MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1850.719	1864.281	1850-1910	PASS
	Extreme (40°C)		1850.723	1864.277	1850-1910	PASS
	Extreme (30°C)		1850.794	1864.206	1850-1910	PASS
	Extreme (20°C)		1850.735	1864.265	1850-1910	PASS
	Extreme (10°C)		1850.739	1864.261	1850-1910	PASS
	Extreme (0°C)		1850.764	1864.236	1850-1910	PASS
	Extreme (-10°C)		1850.750	1864.250	1850-1910	PASS
	Extreme (-20°C)		1850.800	1864.200	1850-1910	PASS
	Extreme (-30°C)		1850.743	1864.257	1850-1910	PASS
	20°C	LV	1850.787	1864.213	1850-1910	PASS
		HV	1850.741	1864.259	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1860	BANDWIDTH	20MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1851.003	1868.997	1850-1910	PASS
	Extreme (40°C)		1851.006	1868.994	1850-1910	PASS

	Extreme (30℃)		1851.014	1868.986	1850-1910	PASS
	Extreme (20℃)		1851.025	1868.975	1850-1910	PASS
	Extreme (10℃)		1851.044	1868.956	1850-1910	PASS
	Extreme (0℃)		1851.027	1868.973	1850-1910	PASS
	Extreme (-10℃)		1851.028	1868.972	1850-1910	PASS
	Extreme (-20℃)		1851.001	1868.999	1850-1910	PASS
	Extreme (-30℃)		1851.042	1868.958	1850-1910	PASS
	20℃	LV	1851.022	1868.978	1850-1910	PASS
		HV	1851.048	1868.952	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1909.3	BANDWIDTH	1.4MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	1908.748	1909.852	1850-1910	PASS
	Extreme (40℃)		1908.745	1909.855	1850-1910	PASS
	Extreme (30℃)		1908.747	1909.853	1850-1910	PASS
	Extreme (20℃)		1908.748	1909.852	1850-1910	PASS
	Extreme (10℃)		1908.748	1909.852	1850-1910	PASS
	Extreme (0℃)		1908.748	1909.852	1850-1910	PASS
	Extreme (-10℃)		1908.746	1909.854	1850-1910	PASS
	Extreme (-20℃)		1908.745	1909.855	1850-1910	PASS
	Extreme (-30℃)		1908.749	1909.851	1850-1910	PASS
	20℃	LV	1908.748	1909.852	1850-1910	PASS
		HV	1908.749	1909.851	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1908.5	BANDWIDTH	3MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	1907.146	1909.854	1850-1910	PASS
	Extreme (40℃)		1907.146	1909.854	1850-1910	PASS
	Extreme (30℃)		1907.146	1909.854	1850-1910	PASS
	Extreme (20℃)		1907.146	1909.854	1850-1910	PASS
	Extreme (10℃)		1907.146	1909.854	1850-1910	PASS
	Extreme (0℃)		1907.150	1909.850	1850-1910	PASS
	Extreme (-10℃)		1907.146	1909.854	1850-1910	PASS
	Extreme (-20℃)		1907.147	1909.853	1850-1910	PASS
	Extreme (-30℃)		1907.149	1909.851	1850-1910	PASS
	20℃	LV	1907.149	1909.851	1850-1910	PASS
		HV	1907.146	1909.854	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

1907.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1905.240	1909.760	1850-1910	PASS
	Extreme (40℃)		1905.291	1909.709	1850-1910	PASS
	Extreme (30℃)		1905.256	1909.744	1850-1910	PASS
	Extreme (20℃)		1905.299	1909.701	1850-1910	PASS
	Extreme (10℃)		1905.233	1909.767	1850-1910	PASS
	Extreme (0℃)		1905.254	1909.746	1850-1910	PASS
	Extreme (-10℃)		1905.233	1909.767	1850-1910	PASS
	Extreme (-20℃)		1905.210	1909.790	1850-1910	PASS
	Extreme (-30℃)		1905.226	1909.774	1850-1910	PASS
	20℃	LV	1905.218	1909.782	1850-1910	PASS
		HV	1905.299	1909.701	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1905	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1900.593	1909.407	1850-1910	PASS
	Extreme (40℃)		1900.558	1909.442	1850-1910	PASS
	Extreme (30℃)		1900.605	1909.395	1850-1910	PASS
	Extreme (20℃)		1900.645	1909.355	1850-1910	PASS
	Extreme (10℃)		1900.552	1909.448	1850-1910	PASS
	Extreme (0℃)		1900.621	1909.379	1850-1910	PASS
	Extreme (-10℃)		1900.501	1909.499	1850-1910	PASS
	Extreme (-20℃)		1900.620	1909.380	1850-1910	PASS
	Extreme (-30℃)		1900.577	1909.423	1850-1910	PASS
	20℃	LV	1900.642	1909.358	1850-1910	PASS
		HV	1900.601	1909.399	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1902.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1895.706	1909.294	1850-1910	PASS
	Extreme (40℃)		1895.794	1909.206	1850-1910	PASS
	Extreme (30℃)		1895.767	1909.233	1850-1910	PASS
	Extreme (20℃)		1895.781	1909.219	1850-1910	PASS
	Extreme (10℃)		1895.786	1909.214	1850-1910	PASS
	Extreme (0℃)		1895.720	1909.280	1850-1910	PASS
	Extreme (-10℃)		1895.753	1909.247	1850-1910	PASS
	Extreme (-20℃)		1895.725	1909.275	1850-1910	PASS
	Extreme (-30℃)		1895.726	1909.274	1850-1910	PASS

	20℃	LV	1895.718	1909.282	1850-1910	PASS
		HV	1895.716	1909.284	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1900	BANDWIDTH	20MHz	QPSK	QPSK		
	Temperature	Voltage				
	Extreme (50℃)	NV	1890.953	1909.047	1850-1910	PASS
	Extreme (40℃)		1890.992	1909.008	1850-1910	PASS
	Extreme (30℃)		1890.920	1909.080	1850-1910	PASS
	Extreme (20℃)		1890.930	1909.070	1850-1910	PASS
	Extreme (10℃)		1890.984	1909.016	1850-1910	PASS
	Extreme (0℃)		1890.998	1909.002	1850-1910	PASS
	Extreme (-10℃)		1890.965	1909.035	1850-1910	PASS
	Extreme (-20℃)		1890.945	1909.055	1850-1910	PASS
	Extreme (-30℃)		1890.968	1909.032	1850-1910	PASS
	20℃	LV	1890.964	1909.036	1850-1910	PASS
		HV	1890.989	1909.011	1850-1910	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1710.7	BANDWIDTH	1.4MHz	QPSK	QPSK		
	Temperature	Voltage				
	Extreme (50℃)	NV	1710.145	1711.255	1710-1755	PASS
	Extreme (40℃)		1710.149	1711.251	1710-1755	PASS
	Extreme (30℃)		1710.145	1711.255	1710-1755	PASS
	Extreme (20℃)		1710.146	1711.254	1710-1755	PASS
	Extreme (10℃)		1710.146	1711.254	1710-1755	PASS
	Extreme (0℃)		1710.148	1711.252	1710-1755	PASS
	Extreme (-10℃)		1710.150	1711.250	1710-1755	PASS
	Extreme (-20℃)		1710.147	1711.253	1710-1755	PASS
	Extreme (-30℃)		1710.150	1711.250	1710-1755	PASS
	20℃	LV	1710.146	1711.254	1710-1755	PASS
		HV	1710.146	1711.254	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1711.5	BANDWIDTH	3MHz	QPSK	QPSK		
	Temperature	Voltage				
	Extreme (50℃)	NV	1710.148	1712.852	1710-1755	PASS
	Extreme (40℃)		1710.148	1712.852	1710-1755	PASS
	Extreme (30℃)		1710.150	1712.850	1710-1755	PASS
	Extreme (20℃)		1710.148	1712.852	1710-1755	PASS
	Extreme (10℃)		1710.148	1712.852	1710-1755	PASS

	Extreme (0℃)		1710.149	1712.851	1710-1755	PASS
	Extreme (-10℃)		1710.149	1712.851	1710-1755	PASS
	Extreme (-20℃)		1710.146	1712.854	1710-1755	PASS
	Extreme (-30℃)		1710.145	1712.855	1710-1755	PASS
	20℃	LV	1710.150	1712.850	1710-1755	PASS
		HV	1710.149	1712.851	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1712.5	BANDWIDTH	5MHz				
	Temperature	Voltage				
	Extreme (50℃)	NV	1710.291	1714.709	1710-1755	PASS
	Extreme (40℃)		1710.211	1714.789	1710-1755	PASS
	Extreme (30℃)		1710.246	1714.754	1710-1755	PASS
	Extreme (20℃)		1710.252	1714.748	1710-1755	PASS
	Extreme (10℃)		1710.250	1714.750	1710-1755	PASS
	Extreme (0℃)		1710.232	1714.768	1710-1755	PASS
	Extreme (-10℃)		1710.259	1714.741	1710-1755	PASS
	Extreme (-20℃)		1710.233	1714.767	1710-1755	PASS
	Extreme (-30℃)		1710.282	1714.718	1710-1755	PASS
	20℃	LV	1710.286	1714.714	1710-1755	PASS
		HV	1710.291	1714.709	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1715	BANDWIDTH	10MHz				
	Temperature	Voltage				
	Extreme (50℃)	NV	1710.554	1719.446	1710-1755	PASS
	Extreme (40℃)		1710.619	1719.381	1710-1755	PASS
	Extreme (30℃)		1710.625	1719.375	1710-1755	PASS
	Extreme (20℃)		1710.642	1719.358	1710-1755	PASS
	Extreme (10℃)		1710.589	1719.411	1710-1755	PASS
	Extreme (0℃)		1710.604	1719.396	1710-1755	PASS
	Extreme (-10℃)		1710.568	1719.432	1710-1755	PASS
	Extreme (-20℃)		1710.588	1719.412	1710-1755	PASS
	Extreme (-30℃)		1710.636	1719.364	1710-1755	PASS
	20℃	LV	1710.508	1719.492	1710-1755	PASS
		HV	1710.603	1719.397	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1717.5	BANDWIDTH	15MHz				
	Temperature	Voltage				
	Extreme (50℃)	NV	1710.790	1724.210	1710-1755	PASS

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	Extreme (40℃)		1710.714	1724.286	1710-1755	PASS
	Extreme (30℃)		1710.751	1724.249	1710-1755	PASS
	Extreme (20℃)		1710.762	1724.238	1710-1755	PASS
	Extreme (10℃)		1710.722	1724.278	1710-1755	PASS
	Extreme (0℃)		1710.785	1724.215	1710-1755	PASS
	Extreme (-10℃)		1710.786	1724.214	1710-1755	PASS
	Extreme (-20℃)		1710.742	1724.258	1710-1755	PASS
	Extreme (-30℃)		1710.800	1724.200	1710-1755	PASS
	20℃	LV	1710.779	1724.221	1710-1755	PASS
		HV	1710.752	1724.248	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1720	BANDWIDTH	20MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	1711.037	1728.963	1710-1755	PASS
	Extreme (40℃)		1711.009	1728.991	1710-1755	PASS
	Extreme (30℃)		1711.037	1728.963	1710-1755	PASS
	Extreme (20℃)		1711.032	1728.968	1710-1755	PASS
	Extreme (10℃)		1711.046	1728.954	1710-1755	PASS
	Extreme (0℃)		1711.027	1728.973	1710-1755	PASS
	Extreme (-10℃)		1711.047	1728.953	1710-1755	PASS
	Extreme (-20℃)		1711.038	1728.962	1710-1755	PASS
	Extreme (-30℃)		1711.001	1728.999	1710-1755	PASS
	20℃	LV	1711.001	1728.999	1710-1755	PASS
		HV	1711.010	1728.990	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1754.3	BANDWIDTH	1.4MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	1753.746	1754.854	1710-1755	PASS
	Extreme (40℃)		1753.749	1754.851	1710-1755	PASS
	Extreme (30℃)		1753.747	1754.853	1710-1755	PASS
	Extreme (20℃)		1753.745	1754.855	1710-1755	PASS
	Extreme (10℃)		1753.747	1754.853	1710-1755	PASS
	Extreme (0℃)		1753.749	1754.851	1710-1755	PASS
	Extreme (-10℃)		1753.748	1754.852	1710-1755	PASS
	Extreme (-20℃)		1753.749	1754.851	1710-1755	PASS
	Extreme (-30℃)		1753.749	1754.851	1710-1755	PASS
	20℃	LV	1753.748	1754.852	1710-1755	PASS
		HV	1753.747	1754.853	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

1753.5	BANDWIDTH	3MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1752.148	1754.852	1710-1755	PASS
	Extreme (40℃)		1752.146	1754.854	1710-1755	PASS
	Extreme (30℃)		1752.149	1754.851	1710-1755	PASS
	Extreme (20℃)		1752.150	1754.850	1710-1755	PASS
	Extreme (10℃)		1752.149	1754.851	1710-1755	PASS
	Extreme (0℃)		1752.147	1754.853	1710-1755	PASS
	Extreme (-10℃)		1752.149	1754.851	1710-1755	PASS
	Extreme (-20℃)		1752.147	1754.853	1710-1755	PASS
	Extreme (-30℃)		1752.148	1754.852	1710-1755	PASS
	20℃	LV	1752.146	1754.854	1710-1755	PASS
		HV	1752.146	1754.854	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1752.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1750.225	1754.775	1710-1755	PASS
	Extreme (40℃)		1750.204	1754.796	1710-1755	PASS
	Extreme (30℃)		1750.272	1754.728	1710-1755	PASS
	Extreme (20℃)		1750.264	1754.736	1710-1755	PASS
	Extreme (10℃)		1750.209	1754.791	1710-1755	PASS
	Extreme (0℃)		1750.214	1754.786	1710-1755	PASS
	Extreme (-10℃)		1750.272	1754.728	1710-1755	PASS
	Extreme (-20℃)		1750.271	1754.729	1710-1755	PASS
	Extreme (-30℃)		1750.241	1754.759	1710-1755	PASS
	20℃	LV	1750.225	1754.775	1710-1755	PASS
		HV	1750.275	1754.725	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1750	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1745.551	1754.449	1710-1755	PASS
	Extreme (40℃)		1745.568	1754.432	1710-1755	PASS
	Extreme (30℃)		1745.594	1754.406	1710-1755	PASS
	Extreme (20℃)		1745.587	1754.413	1710-1755	PASS
	Extreme (10℃)		1745.532	1754.468	1710-1755	PASS
	Extreme (0℃)		1745.630	1754.370	1710-1755	PASS
	Extreme (-10℃)		1745.537	1754.463	1710-1755	PASS
	Extreme (-20℃)		1745.637	1754.363	1710-1755	PASS
	Extreme (-30℃)		1745.539	1754.461	1710-1755	PASS

	20℃	LV	1745.611	1754.389	1710-1755	PASS
		HV	1745.557	1754.443	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1747.5	BANDWIDTH	15MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	1740.711	1754.289	1710-1755	PASS
	Extreme (40℃)		1740.770	1754.230	1710-1755	PASS
	Extreme (30℃)		1740.731	1754.269	1710-1755	PASS
	Extreme (20℃)		1740.748	1754.252	1710-1755	PASS
	Extreme (10℃)		1740.714	1754.286	1710-1755	PASS
	Extreme (0℃)		1740.792	1754.208	1710-1755	PASS
	Extreme (-10℃)		1740.739	1754.261	1710-1755	PASS
	Extreme (-20℃)		1740.785	1754.215	1710-1755	PASS
	Extreme (-30℃)		1740.772	1754.228	1710-1755	PASS
	20℃	LV	1740.764	1754.236	1710-1755	PASS
		HV	1740.722	1754.278	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1745	BANDWIDTH	20MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	1735.942	1754.058	1710-1755	PASS
	Extreme (40℃)		1735.933	1754.067	1710-1755	PASS
	Extreme (30℃)		1735.934	1754.066	1710-1755	PASS
	Extreme (20℃)		1735.947	1754.053	1710-1755	PASS
	Extreme (10℃)		1735.942	1754.058	1710-1755	PASS
	Extreme (0℃)		1735.929	1754.071	1710-1755	PASS
	Extreme (-10℃)		1735.936	1754.064	1710-1755	PASS
	Extreme (-20℃)		1735.978	1754.022	1710-1755	PASS
	Extreme (-30℃)		1735.913	1754.087	1710-1755	PASS
	20℃	LV	1735.965	1754.035	1710-1755	PASS
		HV	1735.952	1754.048	1710-1755	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2502.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	2500.245	2504.755	2500-2570	PASS
	Extreme (40℃)		2500.224	2504.776	2500-2570	PASS
	Extreme (30℃)		2500.251	2504.749	2500-2570	PASS
	Extreme (20℃)		2500.246	2504.754	2500-2570	PASS
	Extreme (10℃)		2500.222	2504.778	2500-2570	PASS

	Extreme (0°C)		2500.252	2504.748	2500-2570	PASS
	Extreme (-10°C)		2500.283	2504.717	2500-2570	PASS
	Extreme (-20°C)		2500.203	2504.797	2500-2570	PASS
	Extreme (-30°C)		2500.207	2504.793	2500-2570	PASS
	20°C	LV	2500.246	2504.754	2500-2570	PASS
		HV	2500.247	2504.753	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2505	BANDWIDTH	10MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	2500.502	2509.498	2500-2570	PASS
	Extreme (40°C)		2500.527	2509.473	2500-2570	PASS
	Extreme (30°C)		2500.589	2509.411	2500-2570	PASS
	Extreme (20°C)		2500.512	2509.488	2500-2570	PASS
	Extreme (10°C)		2500.630	2509.370	2500-2570	PASS
	Extreme (0°C)		2500.649	2509.351	2500-2570	PASS
	Extreme (-10°C)		2500.600	2509.400	2500-2570	PASS
	Extreme (-20°C)		2500.649	2509.351	2500-2570	PASS
	Extreme (-30°C)		2500.554	2509.446	2500-2570	PASS
	20°C	LV	2500.549	2509.451	2500-2570	PASS
		HV	2500.550	2509.450	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2507.5	BANDWIDTH	15MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	2500.711	2514.289	2500-2570	PASS
	Extreme (40°C)		2500.722	2514.278	2500-2570	PASS
	Extreme (30°C)		2500.744	2514.256	2500-2570	PASS
	Extreme (20°C)		2500.778	2514.222	2500-2570	PASS
	Extreme (10°C)		2500.788	2514.212	2500-2570	PASS
	Extreme (0°C)		2500.733	2514.267	2500-2570	PASS
	Extreme (-10°C)		2500.797	2514.203	2500-2570	PASS
	Extreme (-20°C)		2500.783	2514.217	2500-2570	PASS
	Extreme (-30°C)		2500.742	2514.258	2500-2570	PASS
	20°C	LV	2500.772	2514.228	2500-2570	PASS
		HV	2500.708	2514.292	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2510	BANDWIDTH	20MHz				
	Temperature	Voltage				
	Extreme (50°C)	NV	2501.036	2518.964	2500-2570	PASS

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	Extreme (40℃)		2501.014	2518.986	2500-2570	PASS
	Extreme (30℃)		2501.042	2518.958	2500-2570	PASS
	Extreme (20℃)		2501.045	2518.955	2500-2570	PASS
	Extreme (10℃)		2501.002	2518.998	2500-2570	PASS
	Extreme (0℃)		2501.015	2518.985	2500-2570	PASS
	Extreme (-10℃)		2501.008	2518.992	2500-2570	PASS
	Extreme (-20℃)		2501.004	2518.996	2500-2570	PASS
	Extreme (-30℃)		2501.017	2518.983	2500-2570	PASS
	20℃	LV	2501.028	2518.972	2500-2570	PASS
		HV	2501.034	2518.966	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2567.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	2565.292	2569.708	2500-2570	PASS
	Extreme (40℃)		2565.234	2569.766	2500-2570	PASS
	Extreme (30℃)		2565.251	2569.749	2500-2570	PASS
	Extreme (20℃)		2565.236	2569.764	2500-2570	PASS
	Extreme (10℃)		2565.267	2569.733	2500-2570	PASS
	Extreme (0℃)		2565.251	2569.749	2500-2570	PASS
	Extreme (-10℃)		2565.234	2569.766	2500-2570	PASS
	Extreme (-20℃)		2565.212	2569.788	2500-2570	PASS
	Extreme (-30℃)		2565.221	2569.779	2500-2570	PASS
	20℃	LV	2565.287	2569.713	2500-2570	PASS
		HV	2565.244	2569.756	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2565	BANDWIDTH	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	2560.649	2569.351	2500-2570	PASS
	Extreme (40℃)		2560.542	2569.458	2500-2570	PASS
	Extreme (30℃)		2560.538	2569.462	2500-2570	PASS
	Extreme (20℃)		2560.644	2569.356	2500-2570	PASS
	Extreme (10℃)		2560.618	2569.382	2500-2570	PASS
	Extreme (0℃)		2560.624	2569.376	2500-2570	PASS
	Extreme (-10℃)		2560.543	2569.457	2500-2570	PASS
	Extreme (-20℃)		2560.542	2569.458	2500-2570	PASS
	Extreme (-30℃)		2560.526	2569.474	2500-2570	PASS
	20℃	LV	2560.537	2569.463	2500-2570	PASS
		HV	2560.563	2569.437	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

2562.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	2555.782	2569.218	2500-2570	PASS
	Extreme (40℃)		2555.710	2569.290	2500-2570	PASS
	Extreme (30℃)		2555.719	2569.281	2500-2570	PASS
	Extreme (20℃)		2555.798	2569.202	2500-2570	PASS
	Extreme (10℃)		2555.719	2569.281	2500-2570	PASS
	Extreme (0℃)		2555.778	2569.222	2500-2570	PASS
	Extreme (-10℃)		2555.754	2569.246	2500-2570	PASS
	Extreme (-20℃)		2555.703	2569.297	2500-2570	PASS
	Extreme (-30℃)		2555.736	2569.264	2500-2570	PASS
	20℃	LV	2555.743	2569.257	2500-2570	PASS
		HV	2555.783	2569.217	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2560	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	2550.961	2569.039	2500-2570	PASS
	Extreme (40℃)		2550.950	2569.050	2500-2570	PASS
	Extreme (30℃)		2550.943	2569.057	2500-2570	PASS
	Extreme (20℃)		2550.949	2569.051	2500-2570	PASS
	Extreme (10℃)		2550.901	2569.099	2500-2570	PASS
	Extreme (0℃)		2550.969	2569.031	2500-2570	PASS
	Extreme (-10℃)		2550.920	2569.080	2500-2570	PASS
	Extreme (-20℃)		2550.997	2569.003	2500-2570	PASS
	Extreme (-30℃)		2550.929	2569.071	2500-2570	PASS
	20℃	LV	2550.945	2569.055	2500-2570	PASS
		HV	2550.925	2569.075	2500-2570	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
699.7	BANDWIDTH	1.4MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	699.148	700.252	699-716	PASS
	Extreme (40℃)		699.149	700.251	699-716	PASS
	Extreme (30℃)		699.147	700.253	699-716	PASS
	Extreme (20℃)		699.150	700.250	699-716	PASS
	Extreme (10℃)		699.147	700.253	699-716	PASS
	Extreme (0℃)		699.149	700.251	699-716	PASS
	Extreme (-10℃)		699.147	700.253	699-716	PASS
	Extreme (-20℃)		699.148	700.252	699-716	PASS

	Extreme (-30°C)		699.147	700.253	699-716	PASS
	20°C	LV	699.149	700.251	699-716	PASS
		HV	699.148	700.252	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
700.5	BANDWIDTH	3MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	699.147	701.853	699-716	PASS
	Extreme (40°C)		699.148	701.852	699-716	PASS
	Extreme (30°C)		699.149	701.851	699-716	PASS
	Extreme (20°C)		699.149	701.851	699-716	PASS
	Extreme (10°C)		699.149	701.851	699-716	PASS
	Extreme (0°C)		699.148	701.852	699-716	PASS
	Extreme (-10°C)		699.145	701.855	699-716	PASS
	Extreme (-20°C)		699.146	701.854	699-716	PASS
	Extreme (-30°C)		699.147	701.853	699-716	PASS
	20°C	LV	699.146	701.854	699-716	PASS
		HV	699.148	701.852	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
701.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	699.202	703.798	699-716	PASS
	Extreme (40°C)		699.279	703.721	699-716	PASS
	Extreme (30°C)		699.206	703.794	699-716	PASS
	Extreme (20°C)		699.295	703.705	699-716	PASS
	Extreme (10°C)		699.292	703.708	699-716	PASS
	Extreme (0°C)		699.230	703.770	699-716	PASS
	Extreme (-10°C)		699.204	703.796	699-716	PASS
	Extreme (-20°C)		699.271	703.729	699-716	PASS
	Extreme (-30°C)		699.237	703.763	699-716	PASS
	20°C	LV	699.273	703.727	699-716	PASS
		HV	699.213	703.787	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
704	BANDWIDTH	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	699.580	708.420	699-716	PASS
	Extreme (40°C)		699.564	708.436	699-716	PASS

	Extreme (30℃)		699.556	708.444	699-716	PASS
	Extreme (20℃)		699.564	708.436	699-716	PASS
	Extreme (10℃)		699.507	708.493	699-716	PASS
	Extreme (0℃)		699.605	708.395	699-716	PASS
	Extreme (-10℃)		699.560	708.440	699-716	PASS
	Extreme (-20℃)		699.533	708.467	699-716	PASS
	Extreme (-30℃)		699.525	708.475	699-716	PASS
	20℃	LV	699.609	708.391	699-716	PASS
		HV	699.610	708.390	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
715.3	BANDWIDTH	1.4MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	714.746	715.854	699-716	PASS
	Extreme (40℃)		714.746	715.854	699-716	PASS
	Extreme (30℃)		714.749	715.851	699-716	PASS
	Extreme (20℃)		714.750	715.850	699-716	PASS
	Extreme (10℃)		714.747	715.853	699-716	PASS
	Extreme (0℃)		714.747	715.853	699-716	PASS
	Extreme (-10℃)		714.746	715.854	699-716	PASS
	Extreme (-20℃)		714.747	715.853	699-716	PASS
	Extreme (-30℃)		714.747	715.853	699-716	PASS
	20℃	LV	714.746	715.854	699-716	PASS
		HV	714.747	715.853	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
714.5	BANDWIDTH	3MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	713.149	715.851	699-716	PASS
	Extreme (40℃)		713.149	715.851	699-716	PASS
	Extreme (30℃)		713.148	715.852	699-716	PASS
	Extreme (20℃)		713.147	715.853	699-716	PASS
	Extreme (10℃)		713.150	715.850	699-716	PASS
	Extreme (0℃)		713.148	715.852	699-716	PASS
	Extreme (-10℃)		713.147	715.853	699-716	PASS
	Extreme (-20℃)		713.146	715.854	699-716	PASS
	Extreme (-30℃)		713.150	715.850	699-716	PASS
	20℃	LV	713.147	715.853	699-716	PASS
		HV	713.147	715.853	699-716	PASS
LTE	Condition		F Low	F High	Limit (MHz)	Verdict