



Report

Band41	15	39725	1	#Max	QPSK	22.61	1.7	24.31	33.01	PASS
Band41	15	39725	36	#0	QPSK	21.83	1.7	23.53	33.01	PASS
Band41	15	39725	36	#Mid	QPSK	21.91	1.7	23.61	33.01	PASS
Band41	15	39725	36	#Max	QPSK	21.82	1.7	23.52	33.01	PASS
Band41	15	39725	75	#0	QPSK	21.83	1.7	23.53	33.01	PASS
Band41	15	39725	1	#0	16QAM	22.24	1.7	23.94	33.01	PASS
Band41	15	39725	1	#Mid	16QAM	22.40	1.7	24.10	33.01	PASS
Band41	15	39725	1	#Max	16QAM	22.15	1.7	23.85	33.01	PASS
Band41	15	39725	36	#0	16QAM	20.68	1.7	22.38	33.01	PASS
Band41	15	39725	36	#Mid	16QAM	20.80	1.7	22.50	33.01	PASS
Band41	15	39725	36	#Max	16QAM	20.70	1.7	22.40	33.01	PASS
Band41	15	39725	75	#0	16QAM	20.98	1.7	22.68	33.01	PASS
Band41	15	40620	1	#0	QPSK	22.99	1.7	24.69	33.01	PASS
Band41	15	40620	1	#Mid	QPSK	23.37	1.7	25.07	33.01	PASS
Band41	15	40620	1	#Max	QPSK	23.17	1.7	24.87	33.01	PASS
Band41	15	40620	36	#0	QPSK	22.05	1.7	23.75	33.01	PASS
Band41	15	40620	36	#Mid	QPSK	22.07	1.7	23.77	33.01	PASS
Band41	15	40620	36	#Max	QPSK	22.06	1.7	23.76	33.01	PASS
Band41	15	40620	75	#0	QPSK	22.05	1.7	23.75	33.01	PASS
Band41	15	40620	1	#0	16QAM	20.99	1.7	22.69	33.01	PASS
Band41	15	40620	1	#Mid	16QAM	21.26	1.7	22.96	33.01	PASS
Band41	15	40620	1	#Max	16QAM	21.28	1.7	22.98	33.01	PASS
Band41	15	40620	36	#0	16QAM	21.16	1.7	22.86	33.01	PASS
Band41	15	40620	36	#Mid	16QAM	21.38	1.7	23.08	33.01	PASS
Band41	15	40620	36	#Max	16QAM	21.27	1.7	22.97	33.01	PASS
Band41	15	40620	75	#0	16QAM	21.10	1.7	22.80	33.01	PASS
Band41	15	41515	1	#0	QPSK	22.85	1.7	24.55	33.01	PASS
Band41	15	41515	1	#Mid	QPSK	23.07	1.7	24.77	33.01	PASS
Band41	15	41515	1	#Max	QPSK	22.82	1.7	24.52	33.01	PASS
Band41	15	41515	36	#0	QPSK	22.12	1.7	23.82	33.01	PASS
Band41	15	41515	36	#Mid	QPSK	22.05	1.7	23.75	33.01	PASS
Band41	15	41515	36	#Max	QPSK	21.99	1.7	23.69	33.01	PASS
Band41	15	41515	75	#0	QPSK	22.12	1.7	23.82	33.01	PASS
Band41	15	41515	1	#0	16QAM	21.78	1.7	23.48	33.01	PASS
Band41	15	41515	1	#Mid	16QAM	21.81	1.7	23.51	33.01	PASS
Band41	15	41515	1	#Max	16QAM	21.76	1.7	23.46	33.01	PASS
Band41	15	41515	36	#0	16QAM	21.05	1.7	22.75	33.01	PASS
Band41	15	41515	36	#Mid	16QAM	21.09	1.7	22.79	33.01	PASS
Band41	15	41515	36	#Max	16QAM	20.96	1.7	22.66	33.01	PASS
Band41	15	41515	75	#0	16QAM	21.23	1.7	22.93	33.01	PASS
Band41	20	39750	1	#0	QPSK	22.31	1.7	24.01	33.01	PASS
Band41	20	39750	1	#Mid	QPSK	22.54	1.7	24.24	33.01	PASS
Band41	20	39750	1	#Max	QPSK	22.16	1.7	23.86	33.01	PASS
Band41	20	39750	50	#0	QPSK	21.84	1.7	23.54	33.01	PASS



Report

Band41	20	39750	50	#Mid	QPSK	21.86	1.7	23.56	33.01	PASS
Band41	20	39750	50	#Max	QPSK	21.69	1.7	23.39	33.01	PASS
Band41	20	39750	100	#0	QPSK	21.80	1.7	23.50	33.01	PASS
Band41	20	39750	1	#0	16QAM	21.49	1.7	23.19	33.01	PASS
Band41	20	39750	1	#Mid	16QAM	21.43	1.7	23.13	33.01	PASS
Band41	20	39750	1	#Max	16QAM	21.19	1.7	22.89	33.01	PASS
Band41	20	39750	50	#0	16QAM	20.94	1.7	22.64	33.01	PASS
Band41	20	39750	50	#Mid	16QAM	20.93	1.7	22.63	33.01	PASS
Band41	20	39750	50	#Max	16QAM	20.77	1.7	22.47	33.01	PASS
Band41	20	39750	100	#0	16QAM	20.85	1.7	22.55	33.01	PASS
Band41	20	40620	1	#0	QPSK	22.74	1.7	24.44	33.01	PASS
Band41	20	40620	1	#Mid	QPSK	23.12	1.7	24.82	33.01	PASS
Band41	20	40620	1	#Max	QPSK	23.02	1.7	24.72	33.01	PASS
Band41	20	40620	50	#0	QPSK	22.02	1.7	23.72	33.01	PASS
Band41	20	40620	50	#Mid	QPSK	22.11	1.7	23.81	33.01	PASS
Band41	20	40620	50	#Max	QPSK	22.07	1.7	23.77	33.01	PASS
Band41	20	40620	100	#0	QPSK	22.05	1.7	23.75	33.01	PASS
Band41	20	40620	1	#0	16QAM	20.87	1.7	22.57	33.01	PASS
Band41	20	40620	1	#Mid	16QAM	21.10	1.7	22.80	33.01	PASS
Band41	20	40620	1	#Max	16QAM	21.06	1.7	22.76	33.01	PASS
Band41	20	40620	50	#0	16QAM	20.95	1.7	22.65	33.01	PASS
Band41	20	40620	50	#Mid	16QAM	21.15	1.7	22.85	33.01	PASS
Band41	20	40620	50	#Max	16QAM	21.11	1.7	22.81	33.01	PASS
Band41	20	40620	100	#0	16QAM	20.99	1.7	22.69	33.01	PASS
Band41	20	41490	1	#0	QPSK	22.91	1.7	24.61	33.01	PASS
Band41	20	41490	1	#Mid	QPSK	23.34	1.7	25.04	33.01	PASS
Band41	20	41490	1	#Max	QPSK	23.05	1.7	24.75	33.01	PASS
Band41	20	41490	50	#0	QPSK	22.06	1.7	23.76	33.01	PASS
Band41	20	41490	50	#Mid	QPSK	22.15	1.7	23.85	33.01	PASS
Band41	20	41490	50	#Max	QPSK	22.08	1.7	23.78	33.01	PASS
Band41	20	41490	100	#0	QPSK	22.05	1.7	23.75	33.01	PASS
Band41	20	41490	1	#0	16QAM	21.82	1.7	23.52	33.01	PASS
Band41	20	41490	1	#Mid	16QAM	22.06	1.7	23.76	33.01	PASS
Band41	20	41490	1	#Max	16QAM	21.67	1.7	23.37	33.01	PASS
Band41	20	41490	50	#0	16QAM	21.16	1.7	22.86	33.01	PASS
Band41	20	41490	50	#Mid	16QAM	21.28	1.7	22.98	33.01	PASS
Band41	20	41490	50	#Max	16QAM	21.14	1.7	22.84	33.01	PASS
Band41	20	41490	100	#0	16QAM	21.14	1.7	22.84	33.01	PASS



Report

Frequency stability

LTE Band 2 (QPSK) / 1880MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-0.98	-0.001	2.5ppm	PASS
40		-0.79	0.000		
30		0.89	0.000		
20		-3.39	-0.002		
10		-0.80	0.000		
0		0.76	0.000		
-10		0.99	0.001		
-20		-0.96	-0.001		
-30		0.84	0.000		
20	Maximum Voltage	-1.02	-0.001		
20	BEP	-1.63	-0.001		

LTE Band 2 (16QAM) / 1880MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-0.77	0.000	2.5ppm	PASS
40		0.81	0.000		
30		1.15	0.001		
20		-3.42	-0.002		
10		-0.83	0.000		
0		-0.74	0.000		
-10		1.11	0.001		
-20		-0.70	0.000		
-30		-0.71	0.000		
20	Maximum Voltage	-1.31	-0.001		
20	BEP	-1.43	-0.001		



Report

LTE Band 4 (QPSK) / 1733MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-0.84	0.000	2.5ppm	PASS
40		-1.15	-0.001		
30		0.98	0.001		
20		0.27	0.000		
10		0.70	0.000		
0		-0.68	0.000		
-10		-0.85	0.000		
-20		1.04	0.001		
-30		0.88	0.001		
20	Maximum Voltage	1.02	0.001		
20	BEP	-0.35	0.000		

LTE Band 4 (16QAM) / 1733MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	0.74	0.000	2.5ppm	PASS
40		0.21	0.000		
30		-0.60	0.000		
20		-0.77	0.000		
10		-0.18	0.000		
0		-0.51	0.000		
-10		-0.47	0.000		
-20		-0.71	0.000		
-30		0.25	0.000		
20	Maximum Voltage	-0.37	0.000		
20	BEP	1.05	0.001		



Report

LTE Band 5 (QPSK) / 836.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	1.02	0.001	2.5ppm	PASS
40		-0.54	-0.001		
30		-0.90	-0.001		
20		-0.16	0.000		
10		0.71	0.001		
0		-0.63	-0.001		
-10		-0.94	-0.001		
-20		-0.98	-0.001		
-30		-0.51	-0.001		
20	Maximum Voltage	-0.31	0.000		
20	BEP	-0.47	-0.001		

LTE Band 5 (16QAM) / 836.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	0.28	0.000	2.5ppm	PASS
40		-0.03	0.000		
30		0.29	0.000		
20		-1.20	-0.001		
10		0.25	0.000		
0		-0.39	0.000		
-10		0.31	0.000		
-20		-0.39	0.000		
-30		-0.17	0.000		
20	Maximum Voltage	0.15	0.000		
20	BEP	0.58	0.001		



Report

LTE Band 7 (QPSK) / 2535MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-0.08	0.000	2.5ppm	PASS
40		-0.16	0.000		
30		-0.10	0.000		
20		-2.03	-0.001		
10		0.33	0.000		
0		-0.25	0.000		
-10		0.15	0.000		
-20		0.09	0.000		
-30		-0.24	0.000		
20	Maximum Voltage	0.24	0.000		
20	BEP	0.06	0.000		

LTE Band 7 (16QAM) / 2535MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	0.55	0.000	2.5ppm	PASS
40		0.66	0.000		
30		-0.78	0.000		
20		-2.92	-0.001		
10		0.61	0.000		
0		0.75	0.000		
-10		-0.82	0.000		
-20		-0.63	0.000		
-30		0.42	0.000		
20	Maximum Voltage	0.37	0.000		
20	BEP	-0.71	0.000		



Report

LTE Band 12 (QPSK) / 707.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-1.29	-0.002	2.5ppm	PASS
40		1.26	0.002		
30		0.77	0.001		
20		0.40	0.001		
10		0.78	0.001		
0		1.03	0.001		
-10		1.11	0.002		
-20		-1.11	-0.002		
-30		1.13	0.002		
20	Maximum Voltage	1.38	0.002		
20	BEP	-0.39	-0.001		

LTE Band 12 (16QAM) / 707.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-0.39	-0.001	2.5ppm	PASS
40		-0.16	0.000		
30		-0.66	-0.001		
20		-0.86	-0.001		
10		0.68	0.001		
0		0.24	0.000		
-10		0.43	0.001		
-20		0.41	0.001		
-30		-0.54	-0.001		
20	Maximum Voltage	0.77	0.001		
20	BEP	0.69	0.001		



Report

LTE Band 13 (QPSK) / 782MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	0.41	0.001	2.5ppm	PASS
40		0.20	0.000		
30		0.23	0.000		
20		-1.39	-0.002		
10		-0.26	0.000		
0		0.28	0.000		
-10		0.20	0.000		
-20		0.22	0.000		
-30		-0.11	0.000		
20	Maximum Voltage	-0.06	0.000		
20	BEP	-0.21	0.000		

LTE Band 13 (16QAM) / 782MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	0.01	0.000	2.5ppm	PASS
40		0.47	0.001		
30		-0.17	0.000		
20		-1.19	-0.002		
10		-0.07	0.000		
0		0.38	0.000		
-10		0.37	0.000		
-20		0.52	0.001		
-30		0.20	0.000		
20	Maximum Voltage	-0.17	0.000		
20	BEP	0.01	0.000		



Report

LTE Band 25 (QPSK) / 1882.5MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-1.29	-0.001	2.5ppm	PASS
40		1.28	0.001		
30		1.24	0.001		
20		0.43	0.000		
10		1.05	0.001		
0		0.88	0.000		
-10		1.31	0.001		
-20		-1.13	-0.001		
-30		-0.99	-0.001		
20	Maximum Voltage	-0.39	0.000		
20	BEP	1.36	0.001		

LTE Band 25 (16QAM) / 1882.5MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	0.71	0.000	2.5ppm	PASS
40		-0.84	0.000		
30		0.52	0.000		
20		-0.26	0.000		
10		-0.89	0.000		
0		0.90	0.000		
-10		0.88	0.000		
-20		-0.95	-0.001		
-30		0.58	0.000		
20	Maximum Voltage	0.60	0.000		
20	BEP	-0.21	0.000		



Report

LTE Band 26 (QPSK) / 819MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	0.09	0.000	2.5ppm	PASS
40		-0.15	0.000		
30		-0.32	0.000		
20		-1.97	-0.002		
10		-0.36	0.000		
0		0.03	0.000		
-10		0.37	0.000		
-20		-0.33	0.000		
-30		-0.19	0.000		
20	Maximum Voltage	0.09	0.000		
20	BEP	-0.56	-0.001		

LTE Band 26 (16QAM) / 819MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-0.62	-0.001	2.5ppm	PASS
40		0.39	0.000		
30		-0.28	0.000		
20		-2.70	-0.003		
10		-0.55	-0.001		
0		0.28	0.000		
-10		0.45	0.001		
-20		-0.33	0.000		
-30		-0.69	-0.001		
20	Maximum Voltage	-1.19	-0.001		
20	BEP	0.13	0.000		



Report

LTE Band 26 (QPSK) / 836.5MHz / BW15M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-0.79	-0.001	2.5ppm	PASS
40		-0.49	-0.001		
30		-0.69	-0.001		
20		-0.36	0.000		
10		-0.54	-0.001		
0		0.71	0.001		
-10		-0.57	-0.001		
-20		0.36	0.000		
-30		0.46	0.001		
20	Maximum Voltage	0.70	0.001		
20	BEP	-0.22	0.000		

LTE Band 26 (16QAM) / 836.5MHz / BW15M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-0.11	0.000	2.5ppm	PASS
40		-0.01	0.000		
30		-0.19	0.000		
20		-1.77	-0.002		
10		0.19	0.000		
0		0.18	0.000		
-10		-0.23	0.000		
-20		0.23	0.000		
-30		0.09	0.000		
20	Maximum Voltage	-0.46	-0.001		
20	BEP	0.03	0.000		



Report

LTE Band 38 (QPSK) / 2595MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-0.65	0.000	2.5ppm	PASS
40		0.67	0.000		
30		-0.69	0.000		
20		-0.74	0.000		
10		-0.38	0.000		
0		0.33	0.000		
-10		-0.21	0.000		
-20		0.70	0.000		
-30		0.55	0.000		
20	Maximum Voltage	0.84	0.000		
20	BEP	0.76	0.000		

LTE Band 38 (16QAM) / 2595MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-1.11	0.000	2.5ppm	PASS
40		-1.36	-0.001		
30		-1.25	0.000		
20		-4.19	-0.002		
10		-1.16	0.000		
0		-1.32	-0.001		
-10		-1.37	-0.001		
-20		1.56	0.001		
-30		1.11	0.000		
20	Maximum Voltage	0.63	0.000		
20	BEP	-1.92	-0.001		



Report

LTE Band 41 (QPSK) / 2593MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	2.38	0.001	2.5ppm	PASS
40		2.22	0.001		
30		2.32	0.001		
20		2.72	0.001		
10		2.39	0.001		
0		-1.96	-0.001		
-10		-2.27	-0.001		
-20		2.07	0.001		
-30		-2.14	-0.001		
20	Maximum Voltage	3.08	0.001		
20	BEP	3.54	0.001		

LTE Band 41 (16QAM) / 2593MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-1.93	-0.001	2.5ppm	PASS
40		2.28	0.001		
30		-2.17	-0.001		
20		2.36	0.001		
10		-1.78	-0.001		
0		-1.98	-0.001		
-10		1.85	0.001		
-20		-1.95	-0.001		
-30		-1.91	-0.001		
20	Maximum Voltage	-1.05	0.000		
20	BEP	-0.89	0.000		



Report

Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band2	1.4	18607	1	#0	QPSK	4.73	13	PASS
Band2	1.4	18607	1	#0	16QAM	5.61	13	PASS
Band2	1.4	18900	1	#0	QPSK	4.63	13	PASS
Band2	1.4	18900	1	#0	16QAM	5.50	13	PASS
Band2	1.4	19193	1	#0	QPSK	4.59	13	PASS
Band2	1.4	19193	1	#0	16QAM	5.47	13	PASS
Band2	3	18615	1	#0	QPSK	4.78	13	PASS
Band2	3	18615	1	#0	16QAM	5.55	13	PASS
Band2	3	18900	1	#0	QPSK	4.66	13	PASS
Band2	3	18900	1	#0	16QAM	5.53	13	PASS
Band2	3	19185	1	#0	QPSK	4.57	13	PASS
Band2	3	19185	1	#0	16QAM	5.40	13	PASS
Band2	5	18625	1	#0	QPSK	4.74	13	PASS
Band2	5	18625	1	#0	16QAM	5.58	13	PASS
Band2	5	18900	1	#0	QPSK	4.65	13	PASS
Band2	5	18900	1	#0	16QAM	5.40	13	PASS
Band2	5	19175	1	#0	QPSK	4.69	13	PASS
Band2	5	19175	1	#0	16QAM	5.40	13	PASS
Band2	10	18650	1	#0	QPSK	4.72	13	PASS
Band2	10	18650	1	#0	16QAM	5.50	13	PASS
Band2	10	18900	1	#0	QPSK	4.73	13	PASS
Band2	10	18900	1	#0	16QAM	5.67	13	PASS
Band2	10	19150	1	#0	QPSK	4.86	13	PASS
Band2	10	19150	1	#0	16QAM	5.74	13	PASS
Band2	15	18675	1	#0	QPSK	4.71	13	PASS
Band2	15	18675	1	#0	16QAM	5.50	13	PASS
Band2	15	18900	1	#0	QPSK	4.78	13	PASS
Band2	15	18900	1	#0	16QAM	5.71	13	PASS
Band2	15	19125	1	#0	QPSK	4.89	13	PASS
Band2	15	19125	1	#0	16QAM	5.70	13	PASS
Band2	20	18700	1	#0	QPSK	4.70	13	PASS
Band2	20	18700	1	#0	16QAM	5.54	13	PASS
Band2	20	18900	1	#0	QPSK	4.85	13	PASS
Band2	20	18900	1	#0	16QAM	5.76	13	PASS
Band2	20	19100	1	#0	QPSK	4.75	13	PASS
Band2	20	19100	1	#0	16QAM	5.70	13	PASS
Band4	1.4	19957	1	#0	QPSK	4.87	13	PASS
Band4	1.4	19957	1	#0	16QAM	5.81	13	PASS
Band4	1.4	20175	1	#0	QPSK	4.75	13	PASS
Band4	1.4	20175	1	#0	16QAM	5.61	13	PASS
Band4	1.4	20393	1	#0	QPSK	4.72	13	PASS
Band4	1.4	20393	1	#0	16QAM	5.56	13	PASS



Report

Band4	3	19965	1	#0	QPSK	4.89	13	PASS
Band4	3	19965	1	#0	16QAM	5.73	13	PASS
Band4	3	20175	1	#0	QPSK	4.78	13	PASS
Band4	3	20175	1	#0	16QAM	5.69	13	PASS
Band4	3	20385	1	#0	QPSK	4.77	13	PASS
Band4	3	20385	1	#0	16QAM	5.62	13	PASS
Band4	5	19975	1	#0	QPSK	4.92	13	PASS
Band4	5	19975	1	#0	16QAM	5.79	13	PASS
Band4	5	20175	1	#0	QPSK	4.72	13	PASS
Band4	5	20175	1	#0	16QAM	5.46	13	PASS
Band4	5	20375	1	#0	QPSK	4.86	13	PASS
Band4	5	20375	1	#0	16QAM	5.60	13	PASS
Band4	10	20000	1	#0	QPSK	4.93	13	PASS
Band4	10	20000	1	#0	16QAM	5.66	13	PASS
Band4	10	20175	1	#0	QPSK	4.77	13	PASS
Band4	10	20175	1	#0	16QAM	5.72	13	PASS
Band4	10	20350	1	#0	QPSK	5.03	13	PASS
Band4	10	20350	1	#0	16QAM	5.91	13	PASS
Band4	15	20025	1	#0	QPSK	4.94	13	PASS
Band4	15	20025	1	#0	16QAM	5.75	13	PASS
Band4	15	20175	1	#0	QPSK	4.74	13	PASS
Band4	15	20175	1	#0	16QAM	5.67	13	PASS
Band4	15	20325	1	#0	QPSK	5.02	13	PASS
Band4	15	20325	1	#0	16QAM	5.86	13	PASS
Band4	20	20050	1	#0	QPSK	4.96	13	PASS
Band4	20	20050	1	#0	16QAM	5.74	13	PASS
Band4	20	20175	1	#0	QPSK	4.77	13	PASS
Band4	20	20175	1	#0	16QAM	5.69	13	PASS
Band4	20	20300	1	#0	QPSK	4.79	13	PASS
Band4	20	20300	1	#0	16QAM	5.75	13	PASS
Band5	1.4	20407	1	#0	QPSK	4.84	13	PASS
Band5	1.4	20407	1	#0	16QAM	5.74	13	PASS
Band5	1.4	20525	1	#0	QPSK	4.85	13	PASS
Band5	1.4	20525	1	#0	16QAM	5.79	13	PASS
Band5	1.4	20643	1	#0	QPSK	4.56	13	PASS
Band5	1.4	20643	1	#0	16QAM	5.45	13	PASS
Band5	3	20415	1	#0	QPSK	4.87	13	PASS
Band5	3	20415	1	#0	16QAM	5.76	13	PASS
Band5	3	20525	1	#0	QPSK	4.90	13	PASS
Band5	3	20525	1	#0	16QAM	5.86	13	PASS
Band5	3	20635	1	#0	QPSK	4.36	13	PASS
Band5	3	20635	1	#0	16QAM	5.24	13	PASS
Band5	5	20425	1	#0	QPSK	4.83	13	PASS
Band5	5	20425	1	#0	16QAM	5.88	13	PASS



Report

Band5	5	20525	1	#0	QPSK	4.90	13	PASS
Band5	5	20525	1	#0	16QAM	5.68	13	PASS
Band5	5	20625	1	#0	QPSK	4.54	13	PASS
Band5	5	20625	1	#0	16QAM	5.36	13	PASS
Band5	10	20450	1	#0	QPSK	4.74	13	PASS
Band5	10	20450	1	#0	16QAM	5.58	13	PASS
Band5	10	20525	1	#0	QPSK	4.88	13	PASS
Band5	10	20525	1	#0	16QAM	5.79	13	PASS
Band5	10	20600	1	#0	QPSK	4.52	13	PASS
Band5	10	20600	1	#0	16QAM	5.39	13	PASS
Band7	5	20775	1	#0	QPSK	4.29	13	PASS
Band7	5	20775	1	#0	16QAM	5.05	13	PASS
Band7	5	21100	1	#0	QPSK	4.17	13	PASS
Band7	5	21100	1	#0	16QAM	5.00	13	PASS
Band7	5	21425	1	#0	QPSK	4.34	13	PASS
Band7	5	21425	1	#0	16QAM	5.18	13	PASS
Band7	10	20800	1	#0	QPSK	4.33	13	PASS
Band7	10	20800	1	#0	16QAM	5.11	13	PASS
Band7	10	21100	1	#0	QPSK	4.03	13	PASS
Band7	10	21100	1	#0	16QAM	4.83	13	PASS
Band7	10	21400	1	#0	QPSK	4.67	13	PASS
Band7	10	21400	1	#0	16QAM	5.48	13	PASS
Band7	15	20825	1	#0	QPSK	4.29	13	PASS
Band7	15	20825	1	#0	16QAM	5.12	13	PASS
Band7	15	21100	1	#0	QPSK	4.12	13	PASS
Band7	15	21100	1	#0	16QAM	5.00	13	PASS
Band7	15	21375	1	#0	QPSK	4.78	13	PASS
Band7	15	21375	1	#0	16QAM	5.62	13	PASS
Band7	20	20850	1	#0	QPSK	4.41	13	PASS
Band7	20	20850	1	#0	16QAM	5.15	13	PASS
Band7	20	21100	1	#0	QPSK	4.30	13	PASS
Band7	20	21100	1	#0	16QAM	5.19	13	PASS
Band7	20	21350	1	#0	QPSK	4.78	13	PASS
Band7	20	21350	1	#0	16QAM	5.71	13	PASS
Band12	1.4	23017	1	#0	QPSK	4.65	13	PASS
Band12	1.4	23017	1	#0	16QAM	5.51	13	PASS
Band12	1.4	23095	1	#0	QPSK	4.99	13	PASS
Band12	1.4	23095	1	#0	16QAM	5.91	13	PASS
Band12	1.4	23173	1	#0	QPSK	4.67	13	PASS
Band12	1.4	23173	1	#0	16QAM	5.46	13	PASS
Band12	3	23025	1	#0	QPSK	4.60	13	PASS
Band12	3	23025	1	#0	16QAM	5.41	13	PASS
Band12	3	23095	1	#0	QPSK	5.06	13	PASS
Band12	3	23095	1	#0	16QAM	6.02	13	PASS



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Band12	3	23165	1	#0	QPSK	4.95	13	PASS
Band12	3	23165	1	#0	16QAM	5.87	13	PASS
Band12	5	23035	1	#0	QPSK	4.58	13	PASS
Band12	5	23035	1	#0	16QAM	5.54	13	PASS
Band12	5	23095	1	#0	QPSK	5.06	13	PASS
Band12	5	23095	1	#0	16QAM	5.86	13	PASS
Band12	5	23155	1	#0	QPSK	4.94	13	PASS
Band12	5	23155	1	#0	16QAM	5.78	13	PASS
Band12	10	23060	1	#0	QPSK	4.70	13	PASS
Band12	10	23060	1	#0	16QAM	5.58	13	PASS
Band12	10	23095	1	#0	QPSK	5.01	13	PASS
Band12	10	23095	1	#0	16QAM	5.99	13	PASS
Band12	10	23130	1	#0	QPSK	4.93	13	PASS
Band12	10	23130	1	#0	16QAM	5.82	13	PASS
Band13	5	23205	1	#0	QPSK	4.79	13	PASS
Band13	5	23205	1	#0	16QAM	5.59	13	PASS
Band13	5	23230	1	#0	QPSK	4.83	13	PASS
Band13	5	23230	1	#0	16QAM	5.65	13	PASS
Band13	5	23255	1	#0	QPSK	4.86	13	PASS
Band13	5	23255	1	#0	16QAM	5.80	13	PASS
Band13	10	23230	1	#0	QPSK	4.73	13	PASS
Band13	10	23230	1	#0	16QAM	5.54	13	PASS
Band25	1.4	26047	1	#0	QPSK	4.75	13	PASS
Band25	1.4	26047	1	#0	16QAM	5.64	13	PASS
Band25	1.4	26365	1	#0	QPSK	4.61	13	PASS
Band25	1.4	26365	1	#0	16QAM	5.42	13	PASS
Band25	1.4	26683	1	#0	QPSK	4.30	13	PASS
Band25	1.4	26683	1	#0	16QAM	5.08	13	PASS
Band25	3	26055	1	#0	QPSK	4.75	13	PASS
Band25	3	26055	1	#0	16QAM	5.58	13	PASS
Band25	3	26365	1	#0	QPSK	4.60	13	PASS
Band25	3	26365	1	#0	16QAM	5.48	13	PASS
Band25	3	26675	1	#0	QPSK	4.73	13	PASS
Band25	3	26675	1	#0	16QAM	5.56	13	PASS
Band25	5	26065	1	#0	QPSK	4.72	13	PASS
Band25	5	26065	1	#0	16QAM	5.63	13	PASS
Band25	5	26365	1	#0	QPSK	4.56	13	PASS
Band25	5	26365	1	#0	16QAM	5.33	13	PASS
Band25	5	26665	1	#0	QPSK	4.74	13	PASS
Band25	5	26665	1	#0	16QAM	5.45	13	PASS
Band25	10	26090	1	#0	QPSK	4.72	13	PASS
Band25	10	26090	1	#0	16QAM	5.61	13	PASS
Band25	10	26365	1	#0	QPSK	4.59	13	PASS
Band25	10	26365	1	#0	16QAM	5.46	13	PASS



Report

Band25	10	26640	1	#0	QPSK	4.52	13	PASS
Band25	10	26640	1	#0	16QAM	5.33	13	PASS
Band25	15	26115	1	#0	QPSK	4.71	13	PASS
Band25	15	26115	1	#0	16QAM	5.57	13	PASS
Band25	15	26365	1	#0	QPSK	4.60	13	PASS
Band25	15	26365	1	#0	16QAM	5.50	13	PASS
Band25	15	26615	1	#0	QPSK	4.79	13	PASS
Band25	15	26615	1	#0	16QAM	5.61	13	PASS
Band25	20	26140	1	#0	QPSK	4.71	13	PASS
Band25	20	26140	1	#0	16QAM	5.48	13	PASS
Band25	20	26365	1	#0	QPSK	4.72	13	PASS
Band25	20	26365	1	#0	16QAM	5.55	13	PASS
Band25	20	26590	1	#0	QPSK	4.82	13	PASS
Band25	20	26590	1	#0	16QAM	5.76	13	PASS
Band26(824-849)	1.4	26797	1	#0	QPSK	4.99	13	PASS
Band26(824-849)	1.4	26797	1	#0	16QAM	5.91	13	PASS
Band26(824-849)	1.4	26915	1	#0	QPSK	4.99	13	PASS
Band26(824-849)	1.4	26915	1	#0	16QAM	5.96	13	PASS
Band26(824-849)	1.4	27033	1	#0	QPSK	4.83	13	PASS
Band26(824-849)	1.4	27033	1	#0	16QAM	5.73	13	PASS
Band26(824-849)	3	26805	1	#0	QPSK	5.03	13	PASS
Band26(824-849)	3	26805	1	#0	16QAM	5.84	13	PASS
Band26(824-849)	3	26915	1	#0	QPSK	5.08	13	PASS
Band26(824-849)	3	26915	1	#0	16QAM	6.06	13	PASS
Band26(824-849)	3	27025	1	#0	QPSK	4.69	13	PASS
Band26(824-849)	3	27025	1	#0	16QAM	5.56	13	PASS
Band26(824-849)	5	26815	1	#0	QPSK	4.97	13	PASS
Band26(824-849)	5	26815	1	#0	16QAM	5.94	13	PASS
Band26(824-849)	5	26915	1	#0	QPSK	5.05	13	PASS
Band26(824-849)	5	26915	1	#0	16QAM	5.85	13	PASS
Band26(824-849)	5	27015	1	#0	QPSK	4.77	13	PASS
Band26(824-849)	5	27015	1	#0	16QAM	5.61	13	PASS
Band26(824-849)	10	26840	1	#0	QPSK	4.87	13	PASS
Band26(824-849)	10	26840	1	#0	16QAM	5.73	13	PASS
Band26(824-849)	10	26915	1	#0	QPSK	4.94	13	PASS
Band26(824-849)	10	26915	1	#0	16QAM	5.92	13	PASS
Band26(824-849)	10	26990	1	#0	QPSK	4.74	13	PASS
Band26(824-849)	10	26990	1	#0	16QAM	5.69	13	PASS
Band26(824-849)	15	26865	1	#0	QPSK	4.82	13	PASS
Band26(824-849)	15	26865	1	#0	16QAM	5.63	13	PASS
Band26(824-849)	15	26915	1	#0	QPSK	4.84	13	PASS
Band26(824-849)	15	26915	1	#0	16QAM	5.79	13	PASS
Band26(824-849)	15	26965	1	#0	QPSK	5.02	13	PASS
Band26(824-849)	15	26965	1	#0	16QAM	5.87	13	PASS



Report

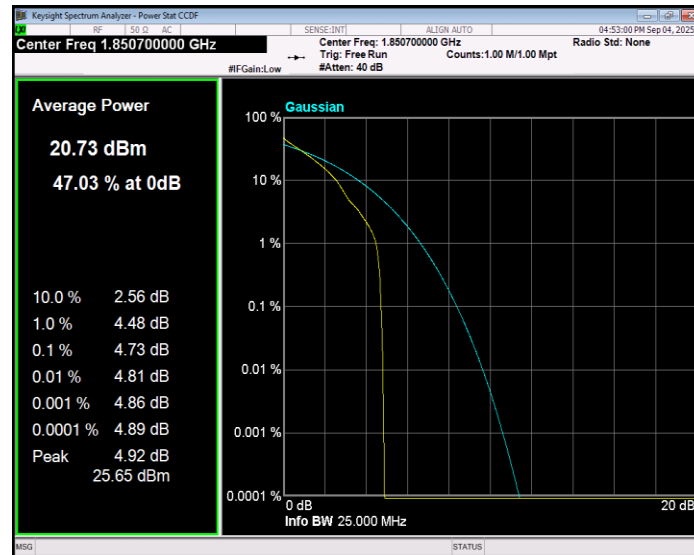
Band26(814-824)	1.4	26697	1	#0	QPSK	4.75	13	PASS
Band26(814-824)	1.4	26697	1	#0	16QAM	5.67	13	PASS
Band26(814-824)	1.4	26740	1	#0	QPSK	5.05	13	PASS
Band26(814-824)	1.4	26740	1	#0	16QAM	6.01	13	PASS
Band26(814-824)	1.4	26783	1	#0	QPSK	5.04	13	PASS
Band26(814-824)	1.4	26783	1	#0	16QAM	6.03	13	PASS
Band26(814-824)	3	26705	1	#0	QPSK	4.75	13	PASS
Band26(814-824)	3	26705	1	#0	16QAM	5.60	13	PASS
Band26(814-824)	3	26740	1	#0	QPSK	5.03	13	PASS
Band26(814-824)	3	26740	1	#0	16QAM	5.96	13	PASS
Band26(814-824)	3	26775	1	#0	QPSK	5.04	13	PASS
Band26(814-824)	3	26775	1	#0	16QAM	5.99	13	PASS
Band26(814-824)	5	26715	1	#0	QPSK	4.73	13	PASS
Band26(814-824)	5	26715	1	#0	16QAM	5.66	13	PASS
Band26(814-824)	5	26740	1	#0	QPSK	4.90	13	PASS
Band26(814-824)	5	26740	1	#0	16QAM	5.69	13	PASS
Band26(814-824)	5	26765	1	#0	QPSK	5.00	13	PASS
Band26(814-824)	5	26765	1	#0	16QAM	5.80	13	PASS
Band26(814-824)	10	26740	1	#0	QPSK	4.65	13	PASS
Band26(814-824)	10	26740	1	#0	16QAM	5.50	13	PASS
Band38	5	37775	1	#0	QPSK	8.53	13	PASS
Band38	5	37775	1	#0	16QAM	9.96	13	PASS
Band38	5	38000	1	#0	QPSK	7.92	13	PASS
Band38	5	38000	1	#0	16QAM	9.81	13	PASS
Band38	5	38225	1	#0	QPSK	9.29	13	PASS
Band38	5	38225	1	#0	16QAM	9.83	13	PASS
Band38	10	37800	1	#0	QPSK	9.57	13	PASS
Band38	10	37800	1	#0	16QAM	9.73	13	PASS
Band38	10	38000	1	#0	QPSK	8.41	13	PASS
Band38	10	38000	1	#0	16QAM	9.93	13	PASS
Band38	10	38200	1	#0	QPSK	9.86	13	PASS
Band38	10	38200	1	#0	16QAM	9.24	13	PASS
Band38	15	37825	1	#0	QPSK	7.88	13	PASS
Band38	15	37825	1	#0	16QAM	8.55	13	PASS
Band38	15	38000	1	#0	QPSK	8.03	13	PASS
Band38	15	38000	1	#0	16QAM	9.08	13	PASS
Band38	15	38175	1	#0	QPSK	7.97	13	PASS
Band38	15	38175	1	#0	16QAM	8.46	13	PASS
Band38	20	37850	1	#0	QPSK	9.76	13	PASS
Band38	20	37850	1	#0	16QAM	10.23	13	PASS
Band38	20	38000	1	#0	QPSK	8.09	13	PASS
Band38	20	38000	1	#0	16QAM	9.68	13	PASS
Band38	20	38150	1	#0	QPSK	9.49	13	PASS
Band38	20	38150	1	#0	16QAM	8.62	13	PASS



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Band41	5	39675	1	#0	QPSK	8.96	13	PASS
Band41	5	39675	1	#0	16QAM	9.58	13	PASS
Band41	5	40620	1	#0	QPSK	7.84	13	PASS
Band41	5	40620	1	#0	16QAM	9.61	13	PASS
Band41	5	41565	1	#0	QPSK	7.83	13	PASS
Band41	5	41565	1	#0	16QAM	8.23	13	PASS
Band41	10	39700	1	#0	QPSK	9.53	13	PASS
Band41	10	39700	1	#0	16QAM	9.74	13	PASS
Band41	10	40620	1	#0	QPSK	8.00	13	PASS
Band41	10	40620	1	#0	16QAM	9.39	13	PASS
Band41	10	41540	1	#0	QPSK	9.84	13	PASS
Band41	10	41540	1	#0	16QAM	8.22	13	PASS
Band41	15	39725	1	#0	QPSK	8.32	13	PASS
Band41	15	39725	1	#0	16QAM	9.50	13	PASS
Band41	15	40620	1	#0	QPSK	9.45	13	PASS
Band41	15	40620	1	#0	16QAM	9.84	13	PASS
Band41	15	41515	1	#0	QPSK	8.01	13	PASS
Band41	15	41515	1	#0	16QAM	9.56	13	PASS
Band41	20	39750	1	#0	QPSK	9.61	13	PASS
Band41	20	39750	1	#0	16QAM	10.00	13	PASS
Band41	20	40620	1	#0	QPSK	7.97	13	PASS
Band41	20	40620	1	#0	16QAM	9.62	13	PASS
Band41	20	41490	1	#0	QPSK	8.02	13	PASS
Band41	20	41490	1	#0	16QAM	9.34	13	PASS

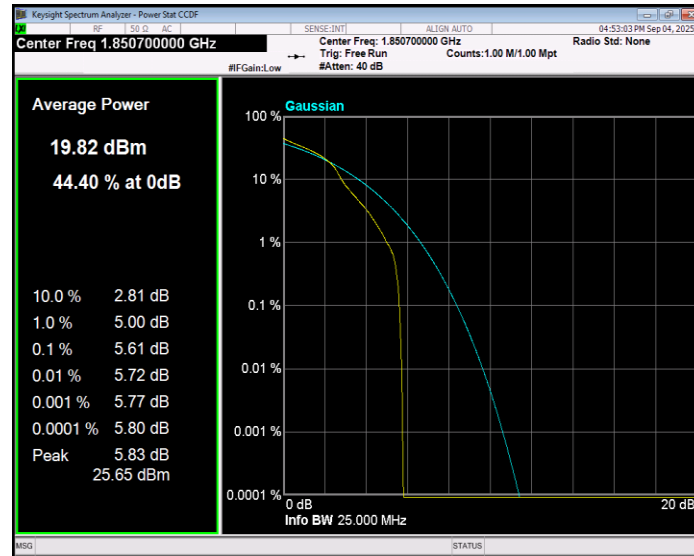
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=1 Position=#0



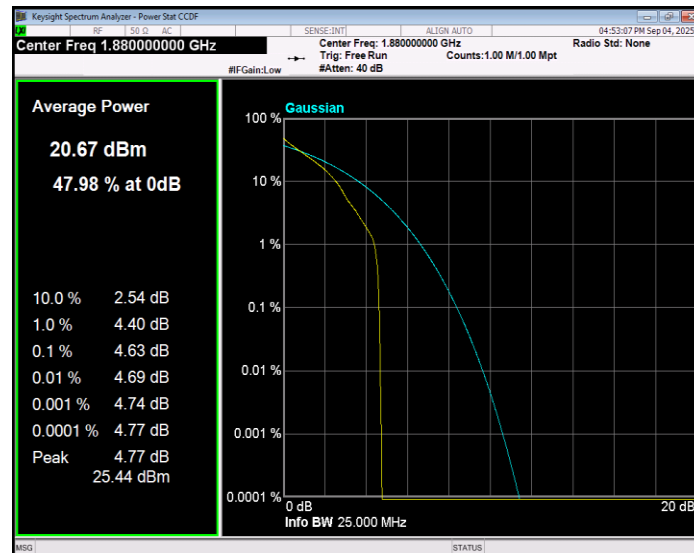
Band2 16QAM BW=1.4MHz Channel=18607 RB Size=1 Position=#0



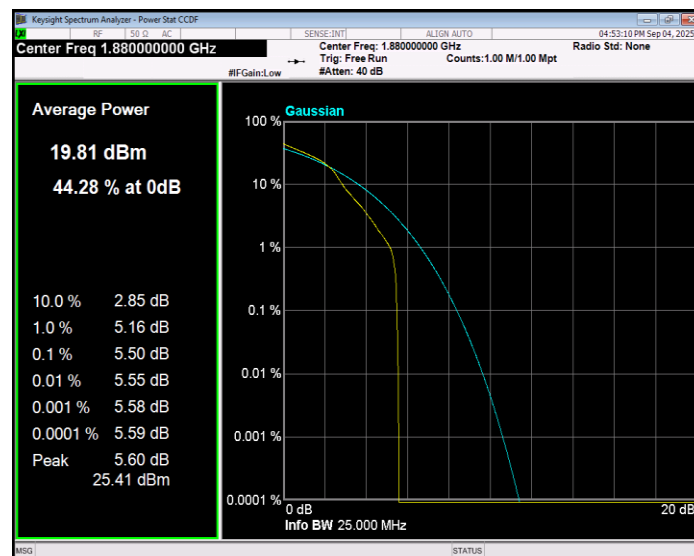
Report



Band2 QPSK BW=1.4MHz Channel=18900 RB Size=1 Position=#0



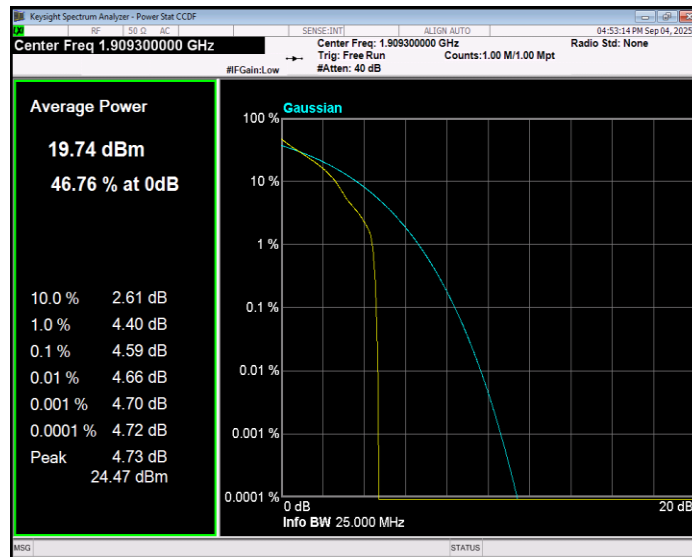
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=1 Position=#0



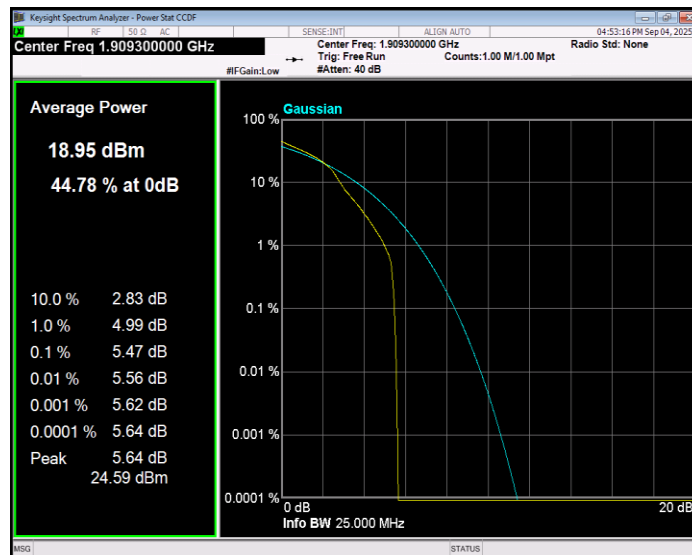


Report

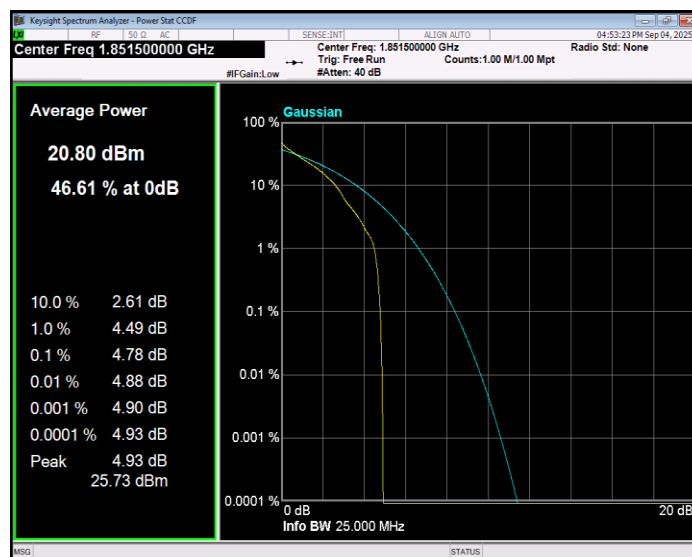
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=1 Position=#0



Band2 16QAM BW=1.4MHz Channel=19193 RB Size=1 Position=#0



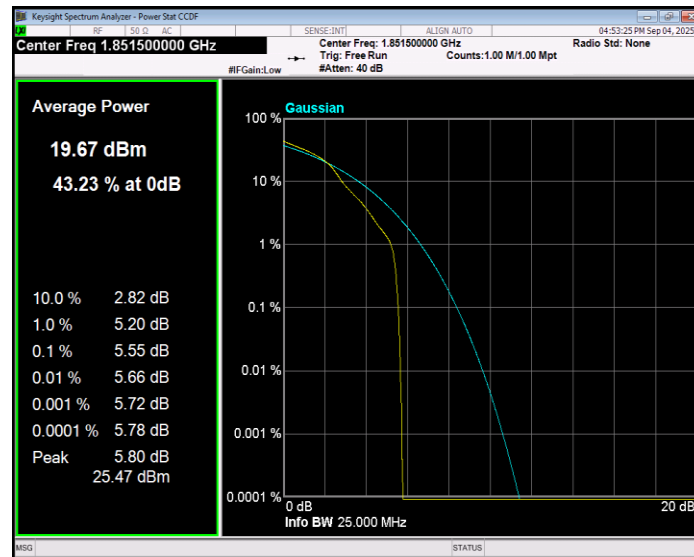
Band2 QPSK BW=3MHz Channel=18615 RB Size=1 Position=#0



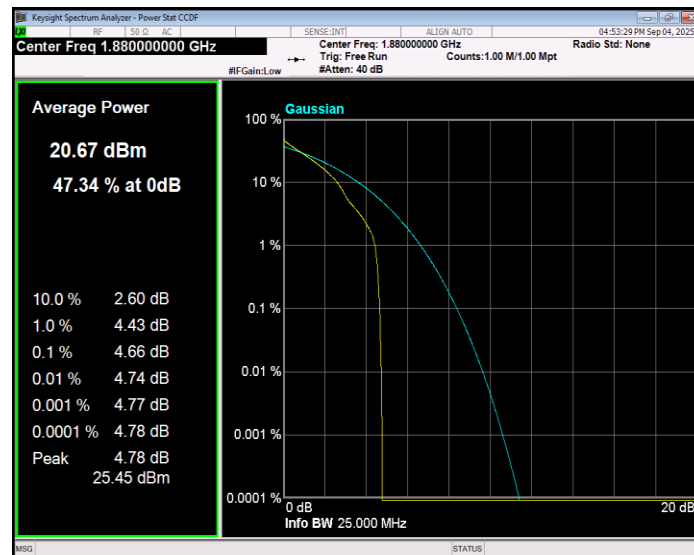


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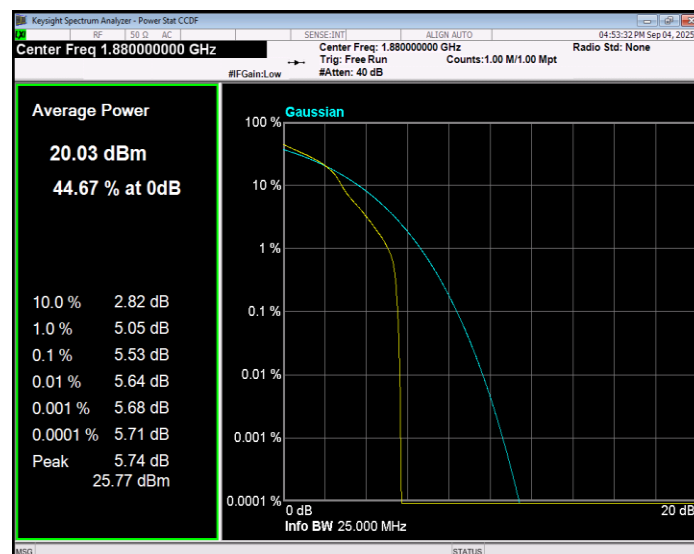
Band2 16QAM BW=3MHz Channel=18615 RB Size=1 Position=#0



Band2 QPSK BW=3MHz Channel=18900 RB Size=1 Position=#0



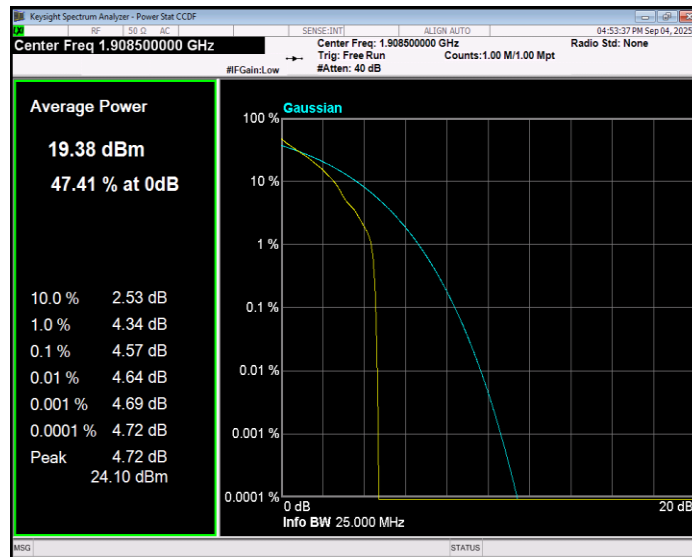
Band2 16QAM BW=3MHz Channel=18900 RB Size=1 Position=#0



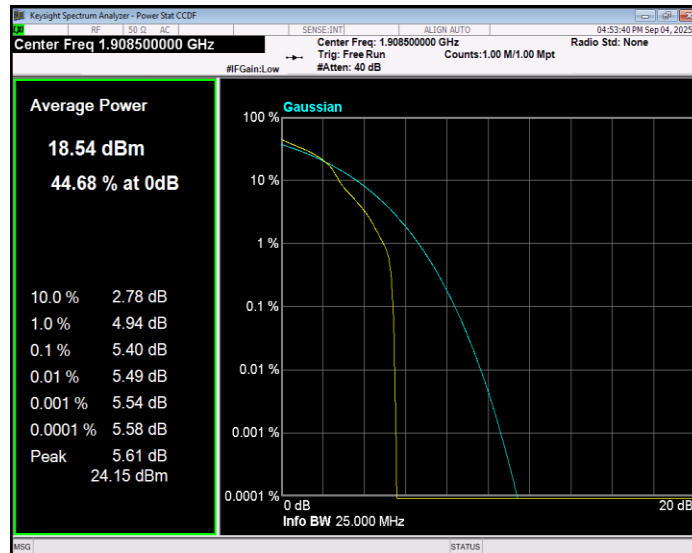


Report

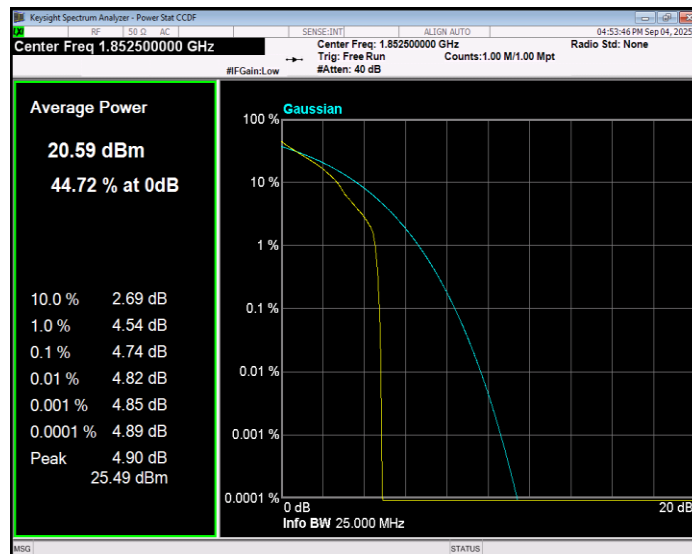
Band2 QPSK BW=3MHz Channel=19185 RB Size=1 Position=#0



Band2 16QAM BW=3MHz Channel=19185 RB Size=1 Position=#0



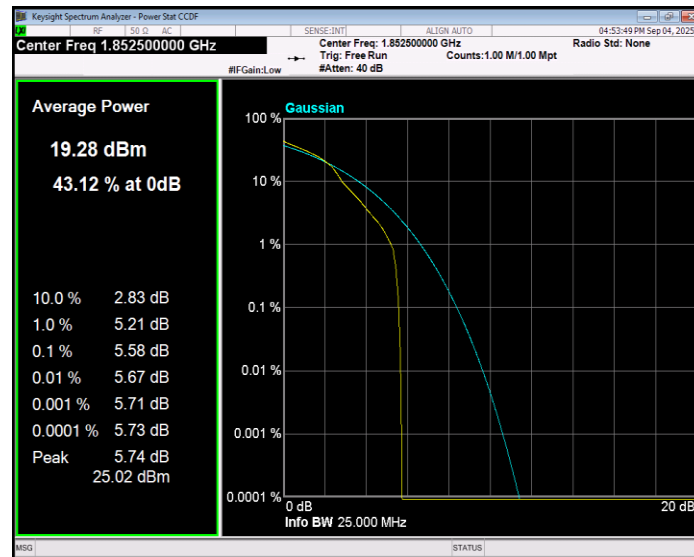
Band2 QPSK BW=5MHz Channel=18625 RB Size=1 Position=#0



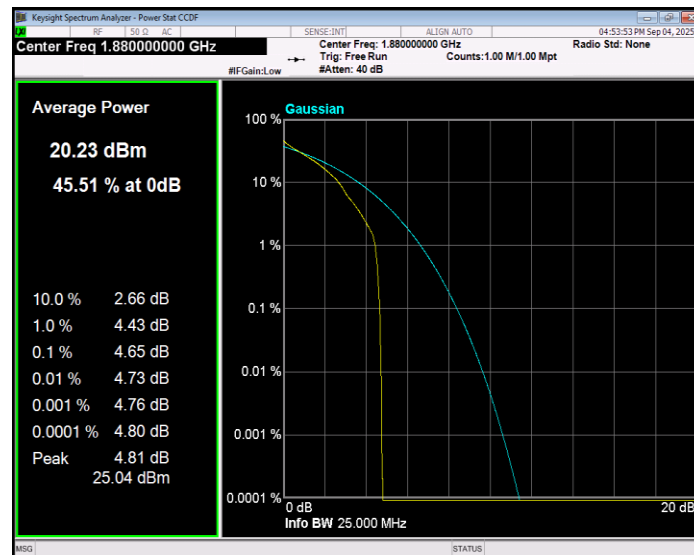


Report

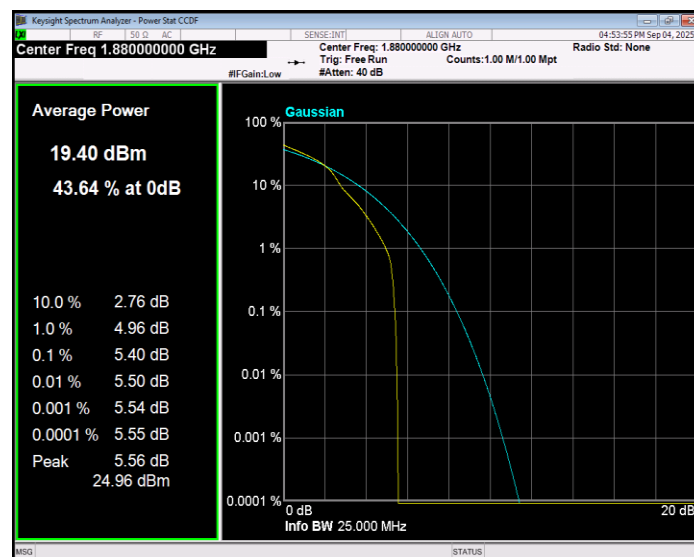
Band2 16QAM BW=5MHz Channel=18625 RB Size=1 Position=#0



Band2 QPSK BW=5MHz Channel=18900 RB Size=1 Position=#0



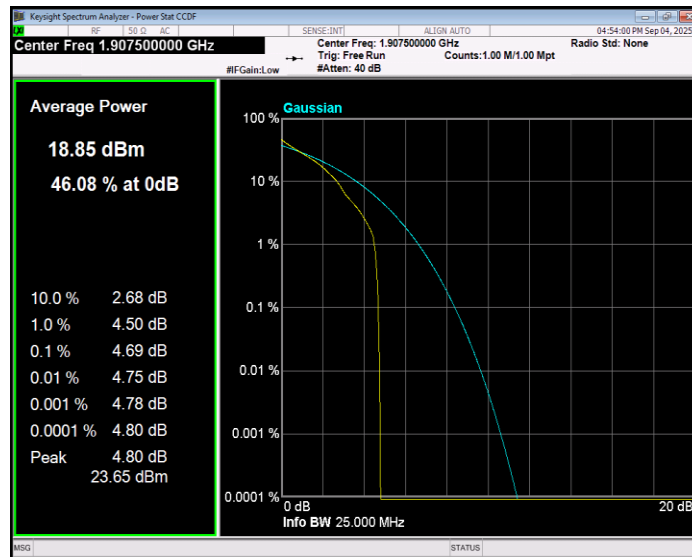
Band2 16QAM BW=5MHz Channel=18900 RB Size=1 Position=#0



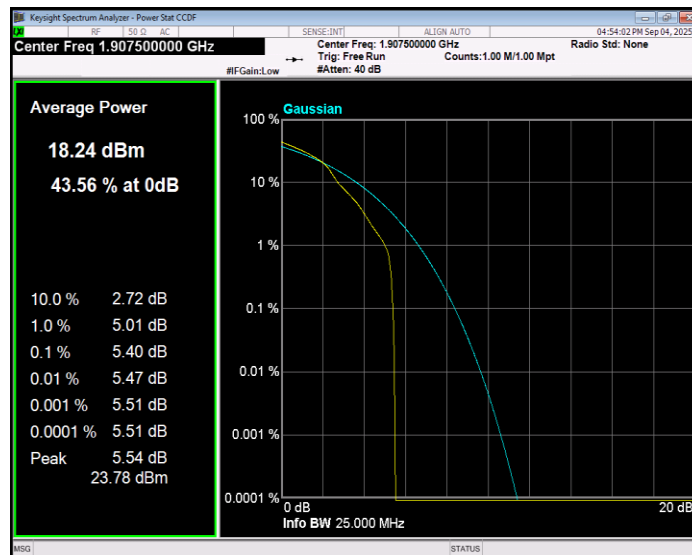


Report

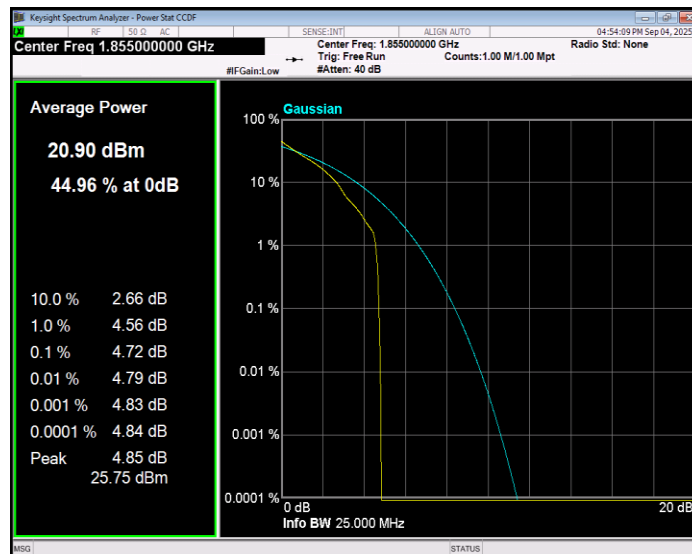
Band2 QPSK BW=5MHz Channel=19175 RB Size=1 Position=#0



Band2 16QAM BW=5MHz Channel=19175 RB Size=1 Position=#0



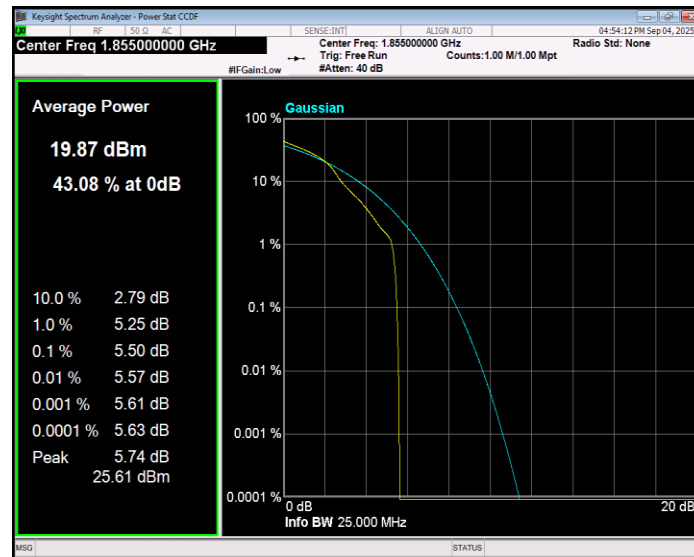
Band2 QPSK BW=10MHz Channel=18650 RB Size=1 Position=#0



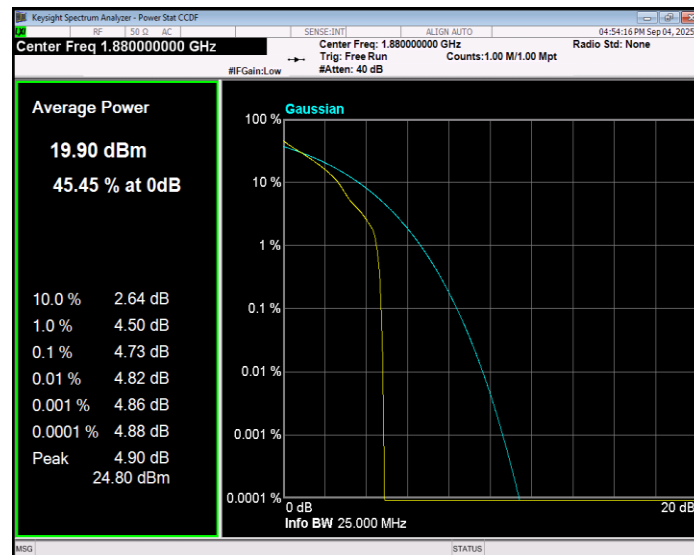


Report

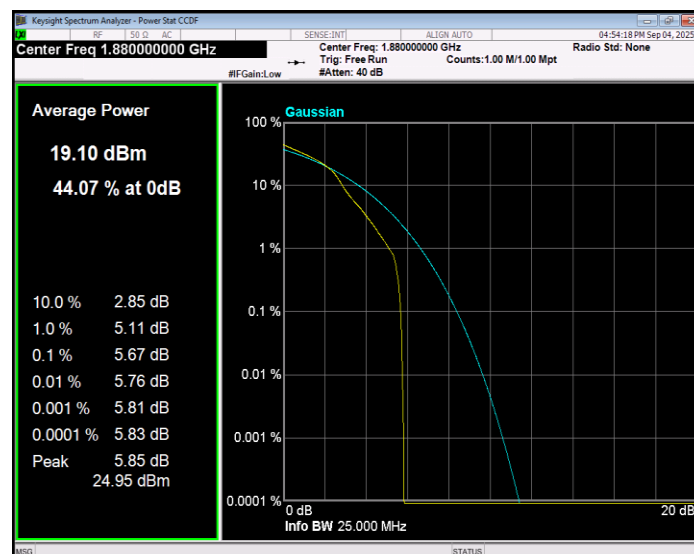
Band2 16QAM BW=10MHz Channel=18650 RB Size=1 Position=#0



Band2 QPSK BW=10MHz Channel=18900 RB Size=1 Position=#0



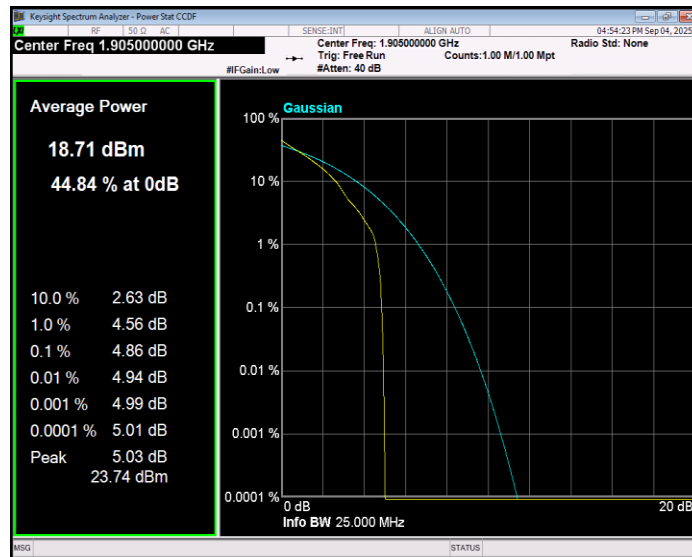
Band2 16QAM BW=10MHz Channel=18900 RB Size=1 Position=#0



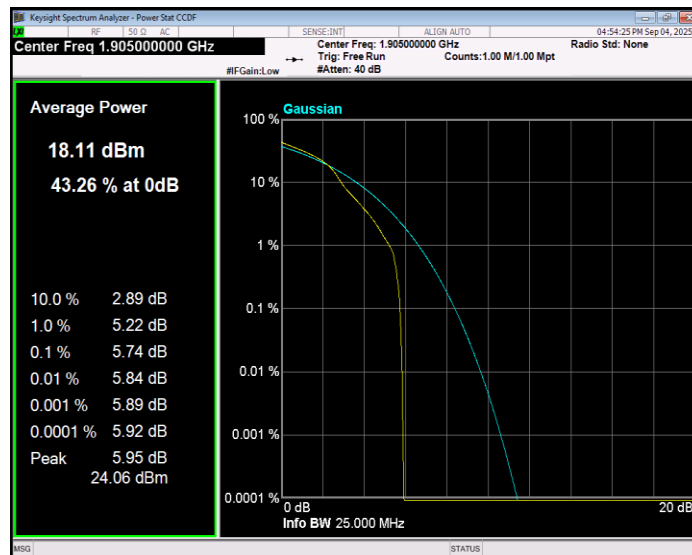


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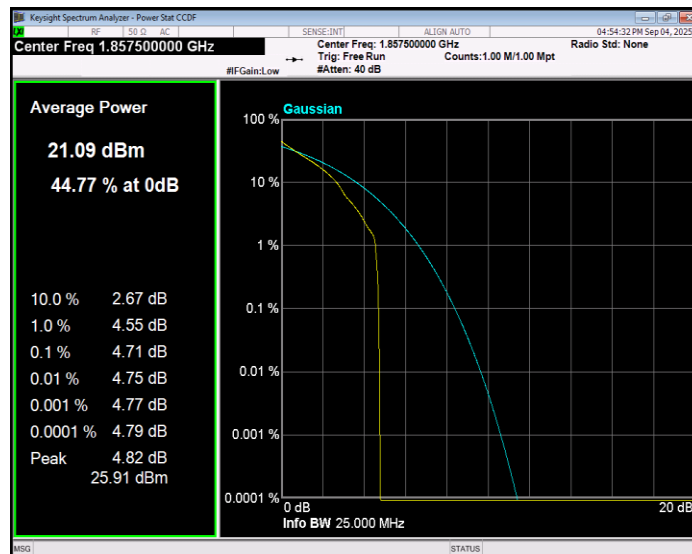
Band2 QPSK BW=10MHz Channel=19150 RB Size=1 Position=#0



Band2 16QAM BW=10MHz Channel=19150 RB Size=1 Position=#0



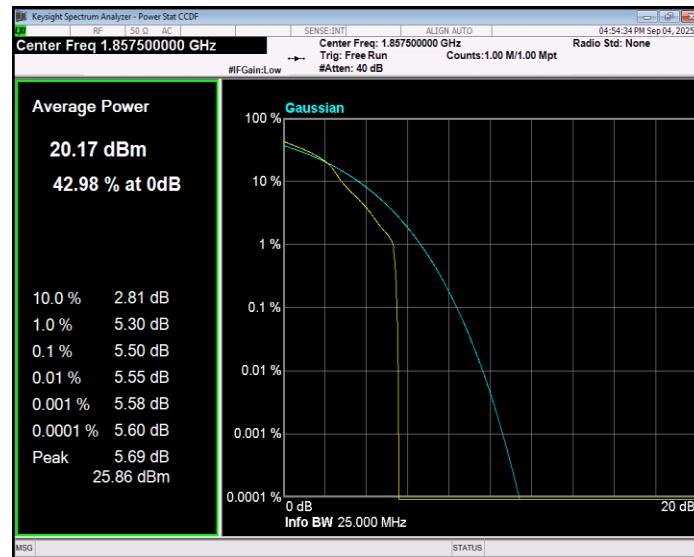
Band2 QPSK BW=15MHz Channel=18675 RB Size=1 Position=#0



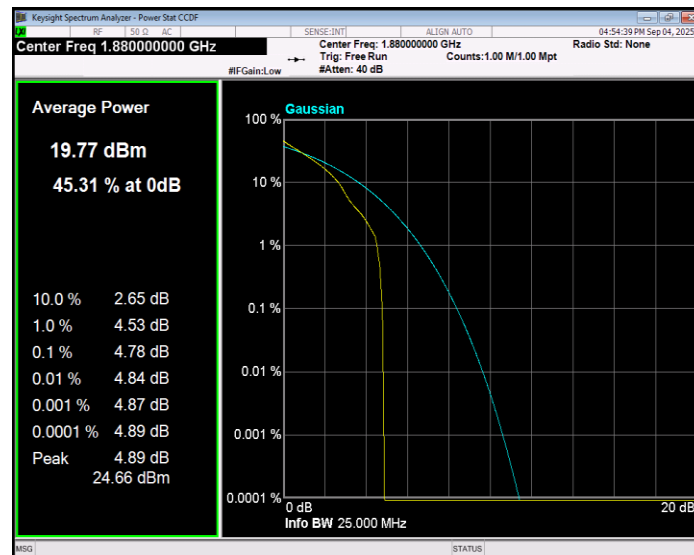


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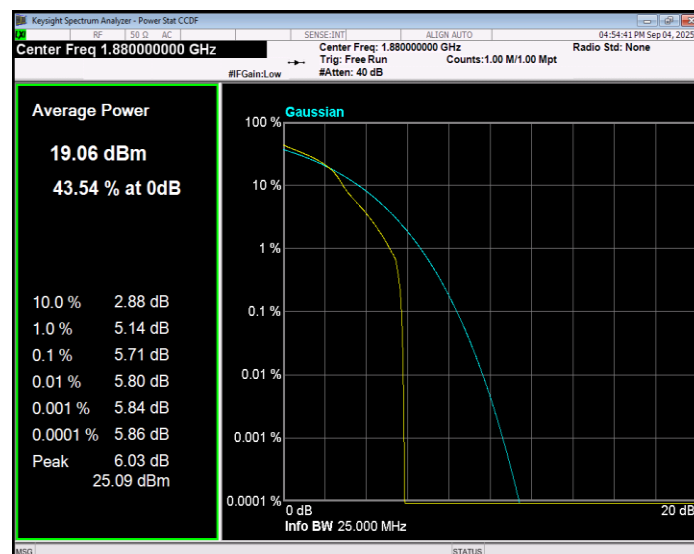
Band2 16QAM BW=15MHz Channel=18675 RB Size=1 Position=#0



Band2 QPSK BW=15MHz Channel=18900 RB Size=1 Position=#0



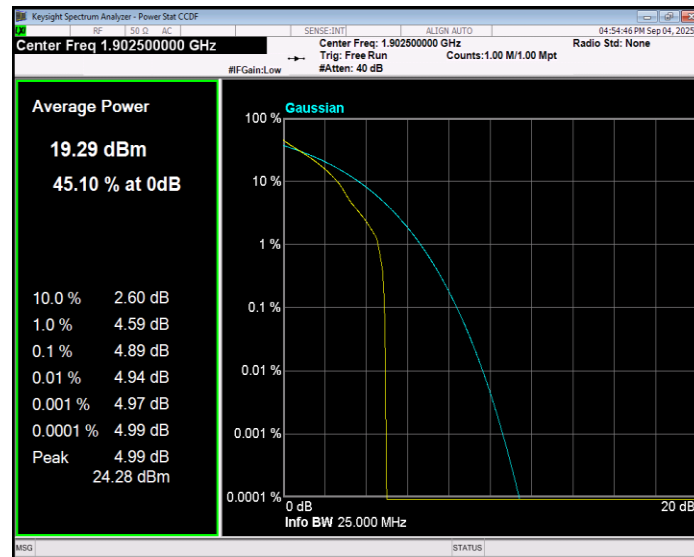
Band2 16QAM BW=15MHz Channel=18900 RB Size=1 Position=#0



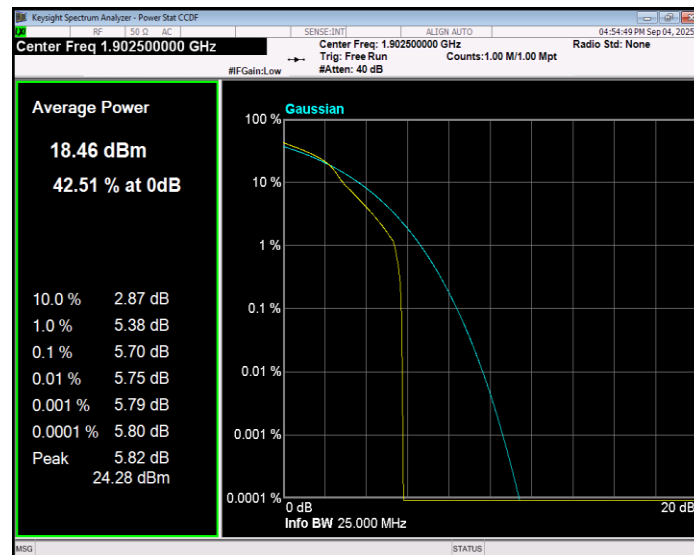


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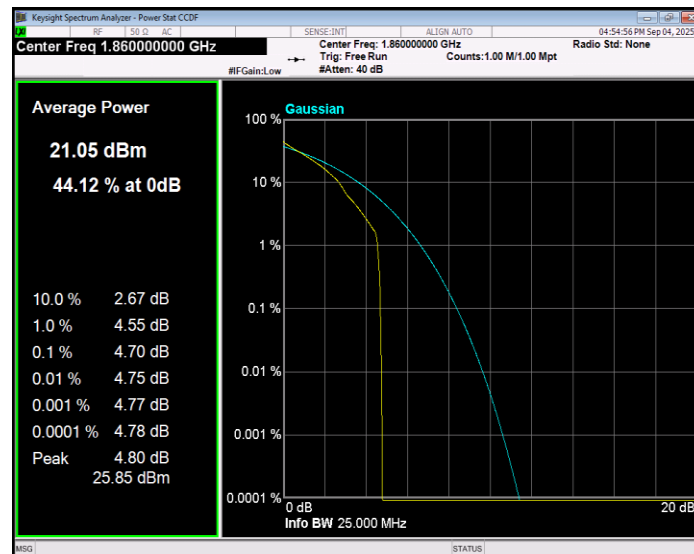
Band2 QPSK BW=15MHz Channel=19125 RB Size=1 Position=#0



Band2 16QAM BW=15MHz Channel=19125 RB Size=1 Position=#0



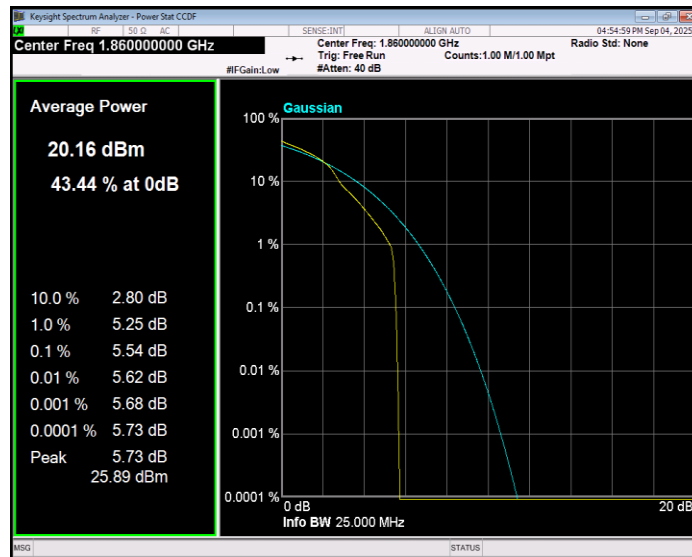
Band2 QPSK BW=20MHz Channel=18700 RB Size=1 Position=#0



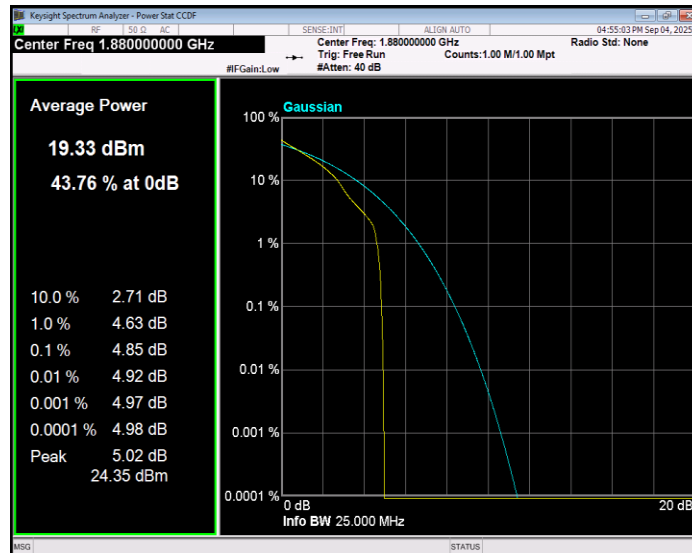


Report

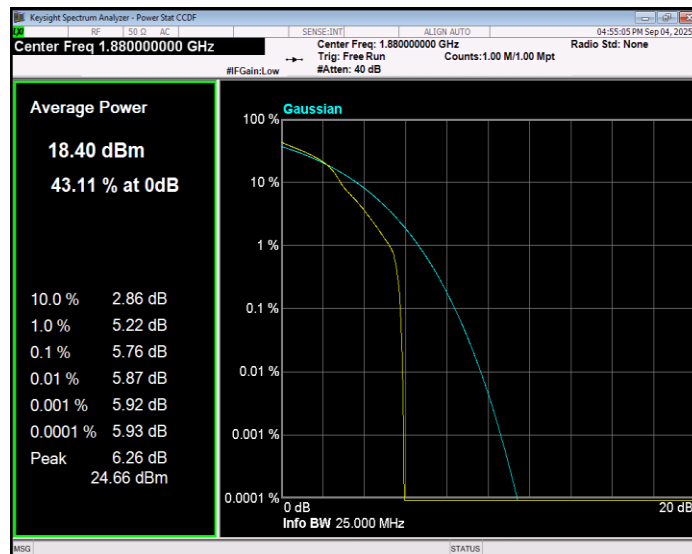
Band2 16QAM BW=20MHz Channel=18700 RB Size=1 Position=#0



Band2 QPSK BW=20MHz Channel=18900 RB Size=1 Position=#0



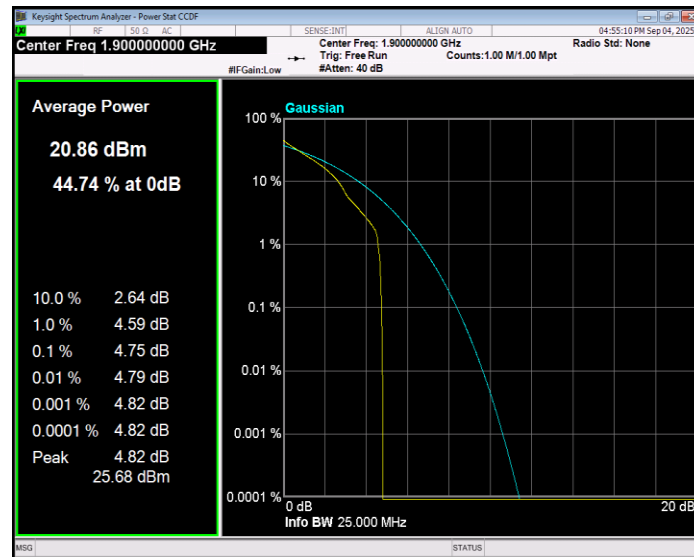
Band2 16QAM BW=20MHz Channel=18900 RB Size=1 Position=#0



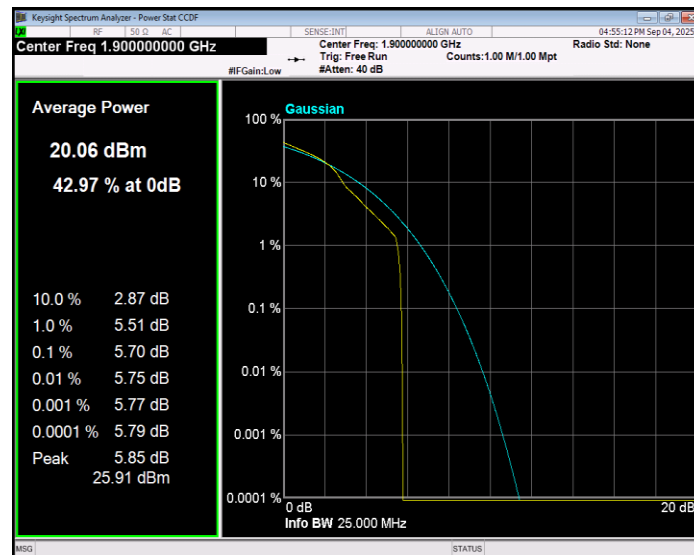


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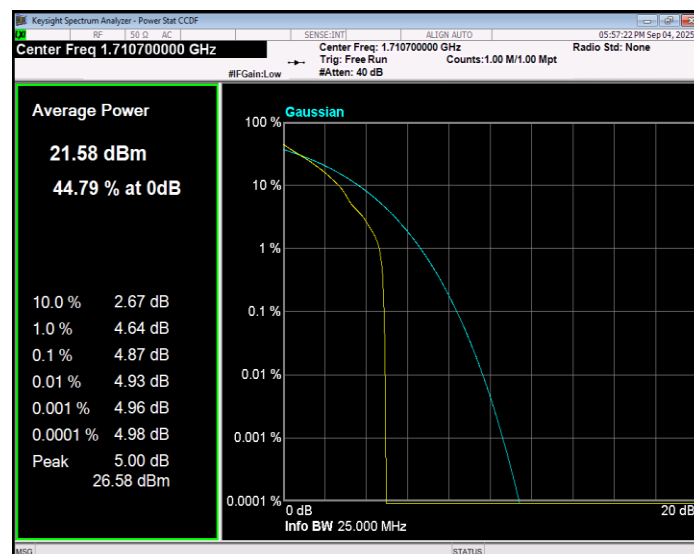
Band2 QPSK BW=20MHz Channel=19100 RB Size=1 Position=#0



Band2 16QAM BW=20MHz Channel=19100 RB Size=1 Position=#0



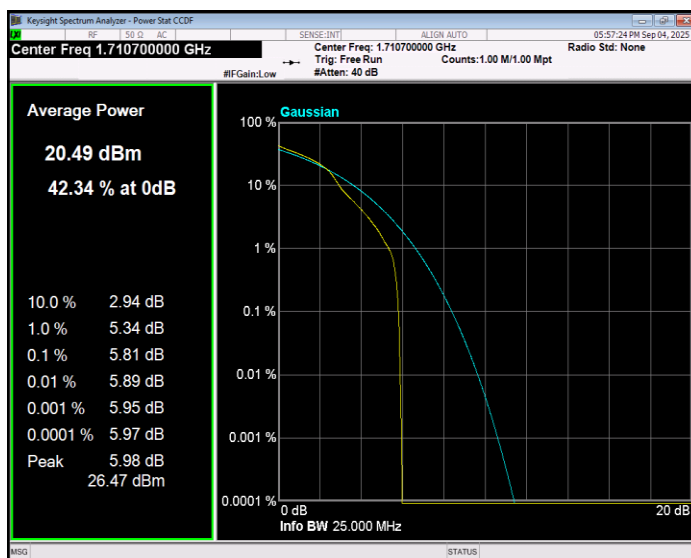
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=1 Position=#0



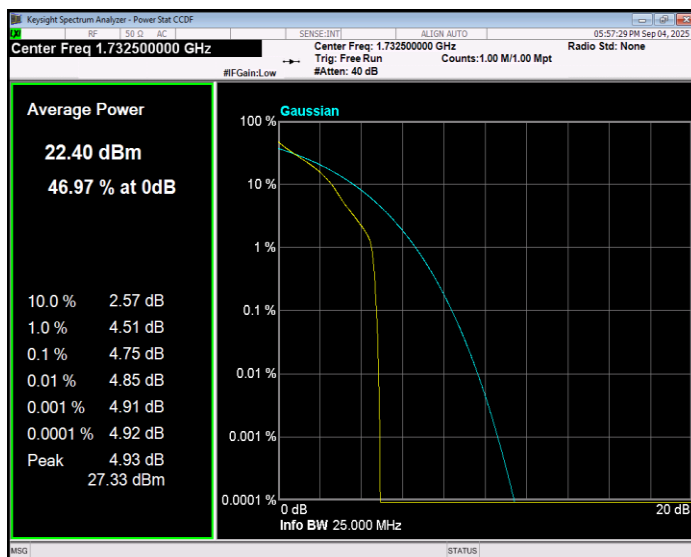


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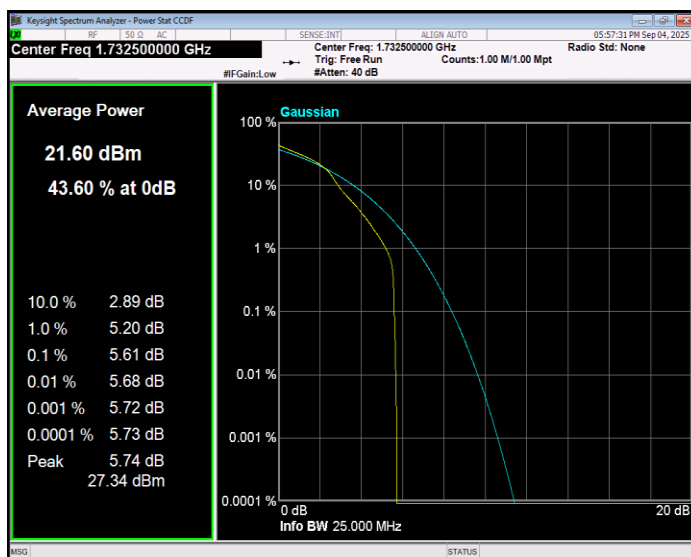
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=1 Position=#0



Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0



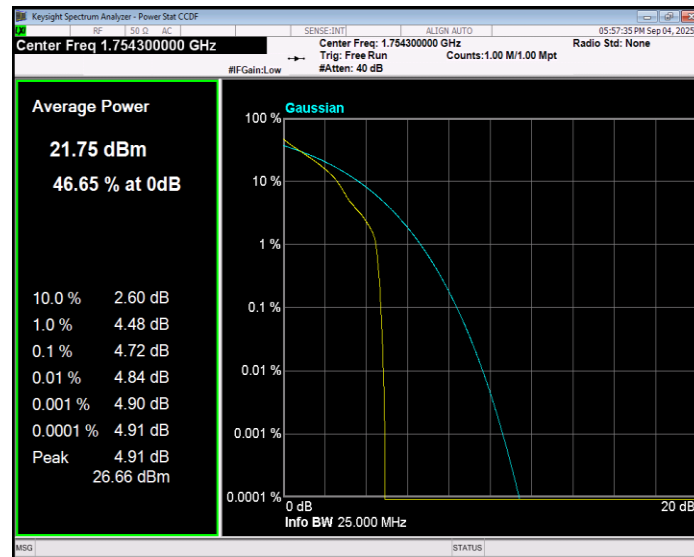
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=1 Position=#0



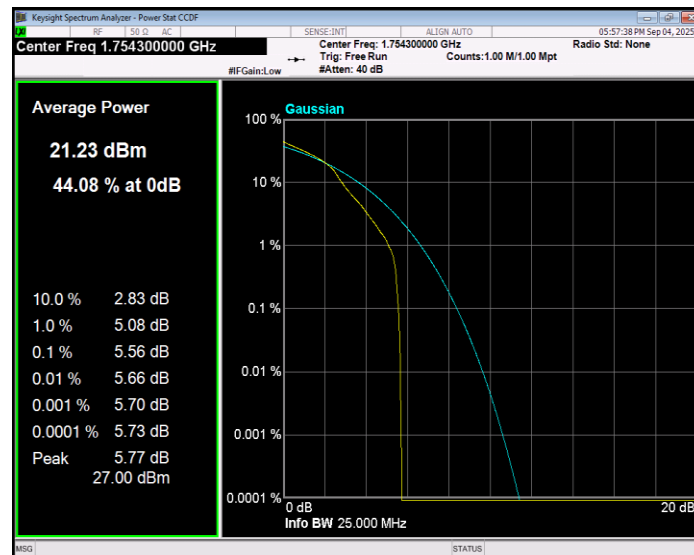


Report

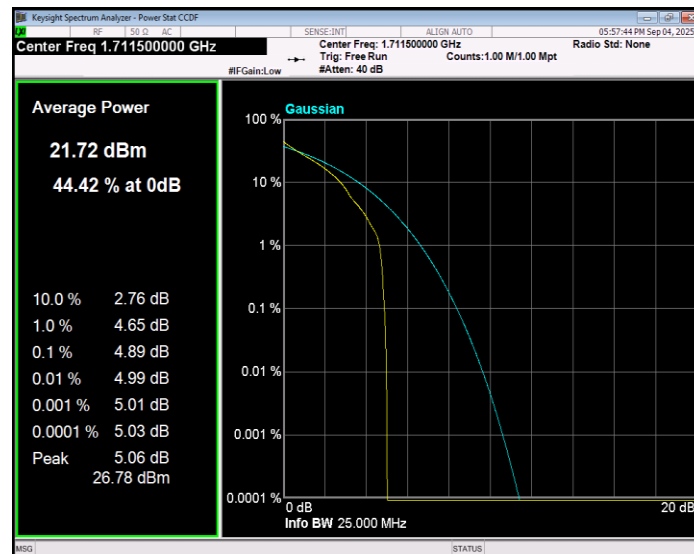
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=1 Position=#0



Band4 16QAM BW=1.4MHz Channel=20393 RB Size=1 Position=#0



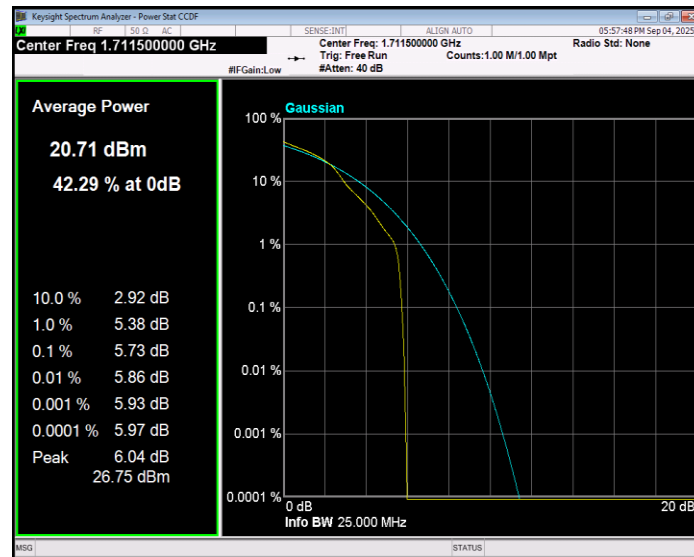
Band4 QPSK BW=3MHz Channel=19965 RB Size=1 Position=#0



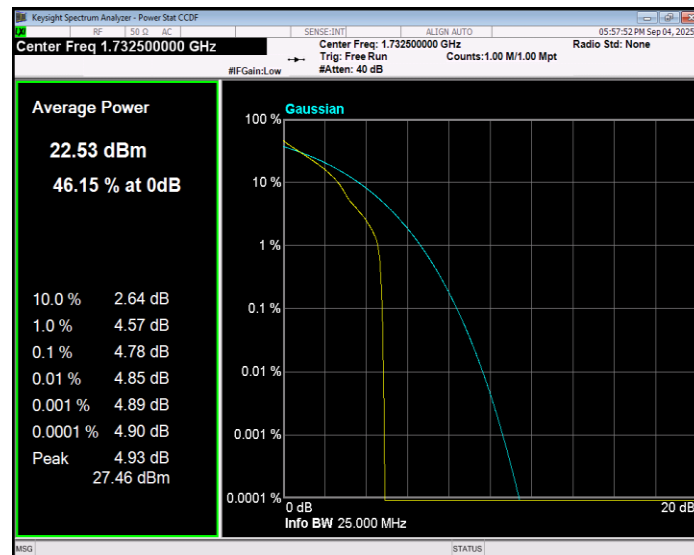


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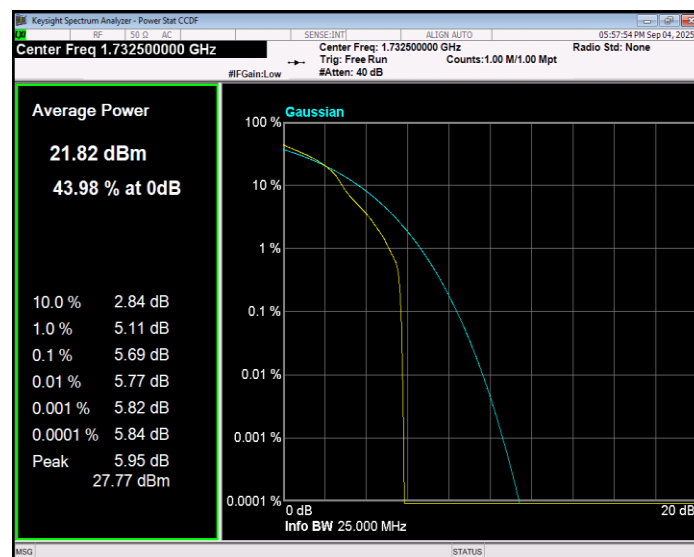
Band4 16QAM BW=3MHz Channel=19965 RB Size=1 Position=#0



Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0



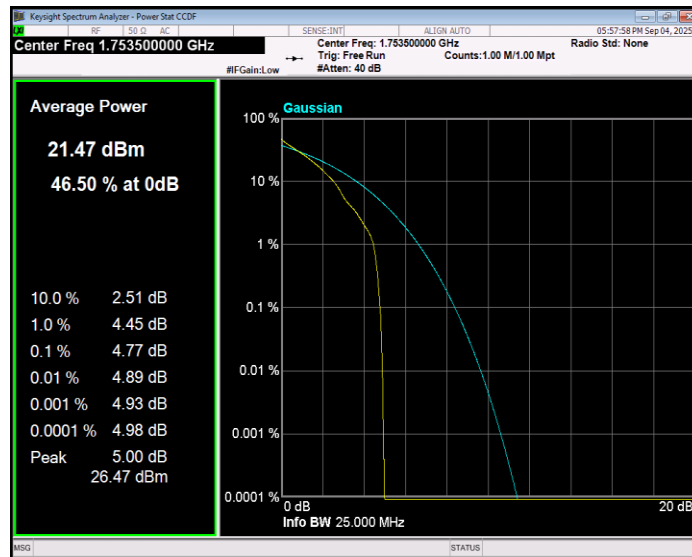
Band4 16QAM BW=3MHz Channel=20175 RB Size=1 Position=#0



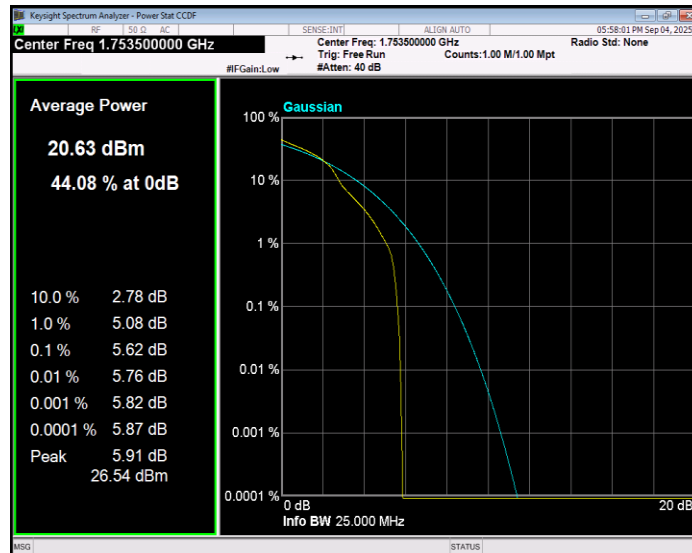


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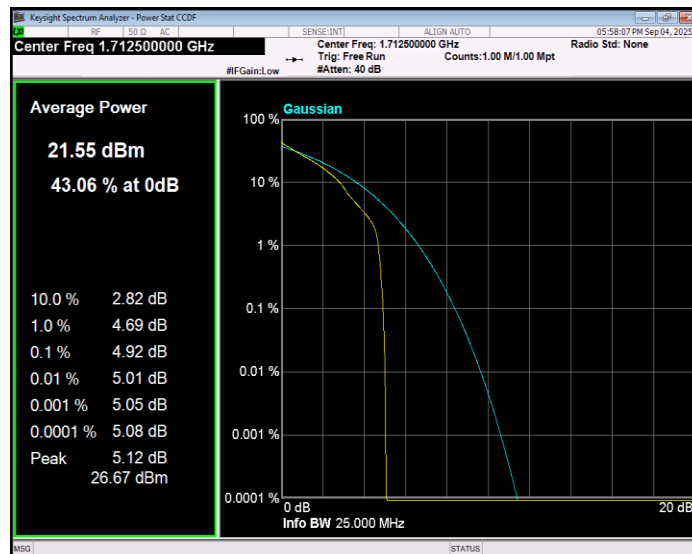
Band4 QPSK BW=3MHz Channel=20385 RB Size=1 Position=#0



Band4 16QAM BW=3MHz Channel=20385 RB Size=1 Position=#0



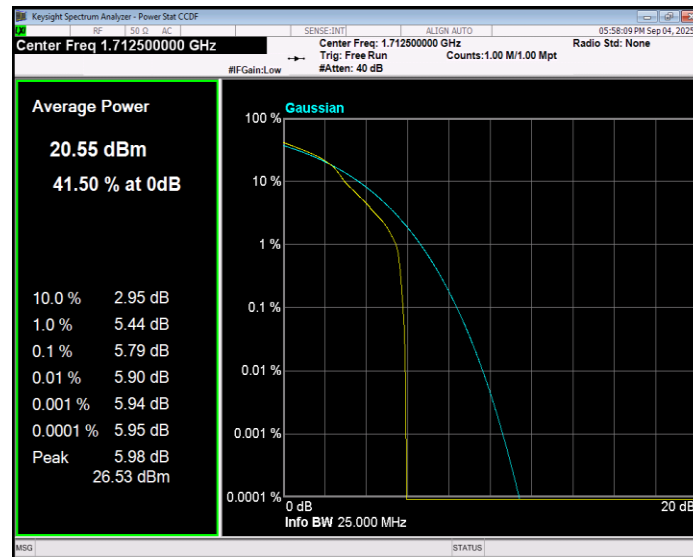
Band4 QPSK BW=5MHz Channel=19975 RB Size=1 Position=#0



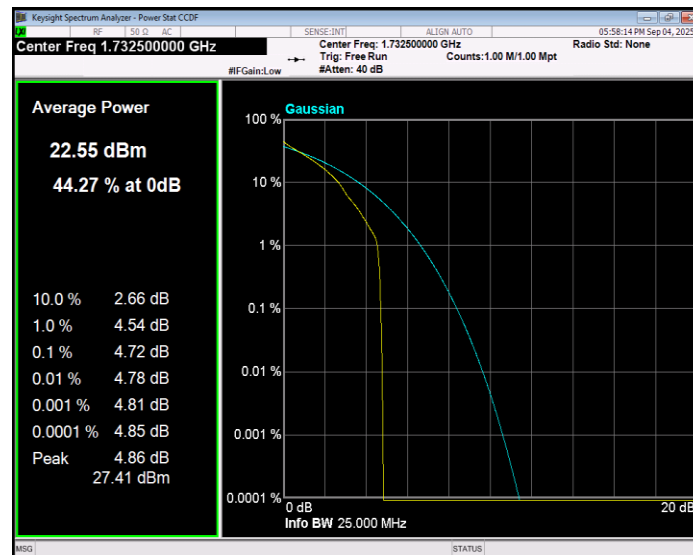


Report

Band4 16QAM BW=5MHz Channel=19975 RB Size=1 Position=#0



Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0



Band4 16QAM BW=5MHz Channel=20175 RB Size=1 Position=#0

