

LTE Band 4 (QPSK) / 1733MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	12.76	0.007	2.5ppm	PASS
40		12.97	0.007		
30		12.77	0.007		
20		24.03	0.014		
10		12.55	0.007		
0		-13.08	-0.008		
-10		-12.80	-0.007		
-20		-13.04	-0.008		
-30		-12.90	-0.007		
20	Maximum Voltage	-6.39	-0.004	2.5ppm	PASS
20	BEP	19.70	0.011		

LTE Band 4 (16QAM) / 1733MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-13.78	-0.008	2.5ppm	PASS
40		-13.82	-0.008		
30		14.31	0.008		
20		26.42	0.015		
10		14.11	0.008		
0		-13.76	-0.008		
-10		-13.78	-0.008		
-20		-13.82	-0.008		
-30		-13.76	-0.008		
20	Maximum Voltage	20.82	0.012	2.5ppm	PASS
20	BEP	-7.03	-0.004		

LTE Band 5 (QPSK) / 836.5MHz / BW10M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	-2.46	-0.003	2.5ppm	PASS
40		-2.08	-0.002		
30		-2.29	-0.003		
20		3.08	0.004		
10		2.53	0.003		
0		-2.51	-0.003		
-10		2.56	0.003		
-20		-2.17	-0.003		
-30		2.43	0.003		
20	Maximum Voltage	-1.12	-0.001	2.5ppm	PASS
20	BEP	-1.08	-0.001		

LTE Band 5 (16QAM) / 836.5MHz / BW10M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	3.87	0.005	2.5ppm	PASS
40		-4.32	-0.005		
30		4.17	0.005		
20		6.64	0.008		
10		-3.96	-0.005		
0		-4.19	-0.005		
-10		4.02	0.005		
-20		-3.94	-0.005		
-30		-3.97	-0.005		
20	Maximum Voltage	-2.03	-0.002	2.5ppm	PASS
20	BEP	6.66	0.008		

LTE Band 7 (QPSK) / 2535MHz / BW20M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	3.56	0.001	2.5ppm	PASS
40		-3.70	-0.001		
30		3.54	0.001		
20		5.54	0.002		
10		-3.44	-0.001		
0		3.33	0.001		
-10		-3.35	-0.001		
-20		-3.33	-0.001		
-30		3.79	0.001		
20	Maximum Voltage	-1.84	-0.001	2.5ppm	PASS
20	BEP	-1.94	-0.001		

LTE Band 7 (16QAM) / 2535MHz / BW20M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	-4.94	-0.002	2.5ppm	PASS
40		4.96	0.002		
30		5.21	0.002		
20		8.64	0.003		
10		-5.04	-0.002		
0		4.93	0.002		
-10		5.43	0.002		
-20		5.24	0.002		
-30		4.96	0.002		
20	Maximum Voltage	7.80	0.003	2.5ppm	PASS
20	BEP	7.60	0.003		

LTE Band 12 (QPSK) / 707.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	4.98	0.007	2.5ppm	PASS
40		-5.30	-0.007		
30		-5.08	-0.007		
20		8.81	0.012		
10		5.41	0.008		
0		-5.45	-0.008		
-10		-5.47	-0.008		
-20		5.05	0.007		
-30		5.32	0.008		
20	Maximum Voltage	8.15	0.012	2.5ppm	PASS
20	BEP	7.84	0.011		

LTE Band 12 (16QAM) / 707.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	6.73	0.010	2.5ppm	PASS
40		6.68	0.009		
30		-6.55	-0.009		
20		12.00	0.017		
10		-7.02	-0.010		
0		-6.65	-0.009		
-10		-6.76	-0.010		
-20		-6.90	-0.010		
-30		6.96	0.010		
20	Maximum Voltage	-3.55	-0.005	2.5ppm	PASS
20	BEP	9.98	0.014		

LTE Band 13 (QPSK) / 782MHz / BW10M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	1.48	0.002	2.5ppm	PASS
40		-1.70	-0.002		
30		-1.49	-0.002		
20		1.20	0.002		
10		-1.33	-0.002		
0		-1.51	-0.002		
-10		-1.33	-0.002		
-20		-1.23	-0.002		
-30		1.33	0.002		
20	Maximum Voltage	-0.65	-0.001	2.5ppm	PASS
20	BEP	1.71	0.002		

LTE Band 13 (16QAM) / 782MHz / BW10M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	0.71	0.001	2.5ppm	PASS
40		0.78	0.001		
30		-0.49	-0.001		
20		-0.53	-0.001		
10		0.78	0.001		
0		0.56	0.001		
-10		-0.56	-0.001		
-20		0.54	0.001		
-30		-0.37	0.000		
20	Maximum Voltage	0.75	0.001	2.5ppm	PASS
20	BEP	-0.26	0.000		

LTE Band 17 (QPSK) / 710MHz / BW10M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	7.73	0.011	2.5ppm	PASS
40		8.03	0.011		
30		-7.79	-0.011		
20		-17.32	-0.024		
10		7.86	0.011		
0		7.75	0.011		
-10		-7.63	-0.011		
-20		-7.68	-0.011		
-30		-8.10	-0.011		
20	Maximum Voltage	3.83	0.005	2.5ppm	PASS
20	BEP	-11.45	-0.016		

LTE Band 17 (16QAM) / 710MHz / BW10M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	5.33	0.008	2.5ppm	PASS
40		4.89	0.007		
30		4.90	0.007		
20		-11.80	-0.017		
10		-5.02	-0.007		
0		-5.00	-0.007		
-10		-5.14	-0.007		
-20		4.83	0.007		
-30		-5.09	-0.007		
20	Maximum Voltage	2.60	0.004	2.5ppm	PASS
20	BEP	2.68	0.004		

LTE Band 38 (QPSK) / 2595MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-10.85	-0.004	2.5ppm	PASS
40		-10.49	-0.004		
30		10.63	0.004		
20		19.93	0.008		
10		-10.59	-0.004		
0		-10.64	-0.004		
-10		-10.55	-0.004		
-20		10.82	0.004		
-30		10.57	0.004		
20	Maximum Voltage	-5.44	-0.002		
20	BEP	16.22	0.006		

LTE Band 38 (16QAM) / 2595MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	12.75	0.005	2.5ppm	PASS
40		12.90	0.005		
30		12.71	0.005		
20		24.18	0.009		
10		-12.80	-0.005		
0		-12.82	-0.005		
-10		-12.72	-0.005		
-20		-13.04	-0.005		
-30		13.07	0.005		
20	Maximum Voltage	-6.35	-0.002		
20	BEP	-6.46	-0.002		

Band40(2350-2360)(QPSK) / 2355MHz / BW10M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	14.35	0.006	2.5ppm	PASS
40		-14.68	-0.006		
30		-14.34	-0.006		
20		27.11	0.012		
10		14.49	0.006		
0		14.41	0.006		
-10		14.12	0.006		
-20		14.28	0.006		
-30		14.65	0.006		
20	Maximum Voltage	-7.20	-0.003	2.5ppm	PASS
20	BEP	21.85	0.009		

Band40(2350-2360)(16QAM) / 2355MHz / BW10M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	17.11	0.007	2.5ppm	PASS
40		17.29	0.007		
30		-17.19	-0.007		
20		32.86	0.014		
10		17.26	0.007		
0		17.44	0.007		
-10		-17.16	-0.007		
-20		17.33	0.007		
-30		17.22	0.007		
20	Maximum Voltage	-8.51	-0.004	2.5ppm	PASS
20	BEP	25.50	0.011		

Band40(2305-2315) (QPSK) / 2310MHz / BW10M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	-6.32	-0.003	2.5ppm	PASS
40		6.22	0.003		
30		6.39	0.003		
20		10.63	0.005		
10		-5.90	-0.003		
0		6.43	0.003		
-10		-6.28	-0.003		
-20		5.85	0.003		
-30		6.15	0.003		
20	Maximum Voltage	9.08	0.004		
20	BEP	9.11	0.004		

Band40(2305-2315) (16QAM) / 2310MHz / BW10M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	10.87	0.005	2.5ppm	PASS
40		10.68	0.005		
30		-10.87	-0.005		
20		19.74	0.009		
10		10.74	0.005		
0		10.63	0.005		
-10		-10.64	-0.005		
-20		10.46	0.005		
-30		-10.94	-0.005		
20	Maximum Voltage	-5.42	-0.002		
20	BEP	15.72	0.007		

LTE Band 66 (QPSK) / 1745MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	0.42	0.000	2.5ppm	PASS
40		0.41	0.000		
30		-0.04	0.000		
20		-2.25	-0.001		
10		0.31	0.000		
0		0.52	0.000		
-10		0.48	0.000		
-20		0.34	0.000		
-30		0.48	0.000		
20	Maximum Voltage	0.10	0.000		
20	BEP	0.24	0.000		

LTE Band 66 (16QAM) / 1745MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	9.55	0.005	2.5ppm	PASS
40		-9.50	-0.005		
30		9.77	0.006		
20		17.82	0.010		
10		9.92	0.006		
0		9.63	0.006		
-10		9.80	0.006		
-20		9.55	0.005		
-30		9.98	0.006		
20	Maximum Voltage	14.19	0.008		
20	BEP	14.32	0.008		

Peak-to-Average Ratio

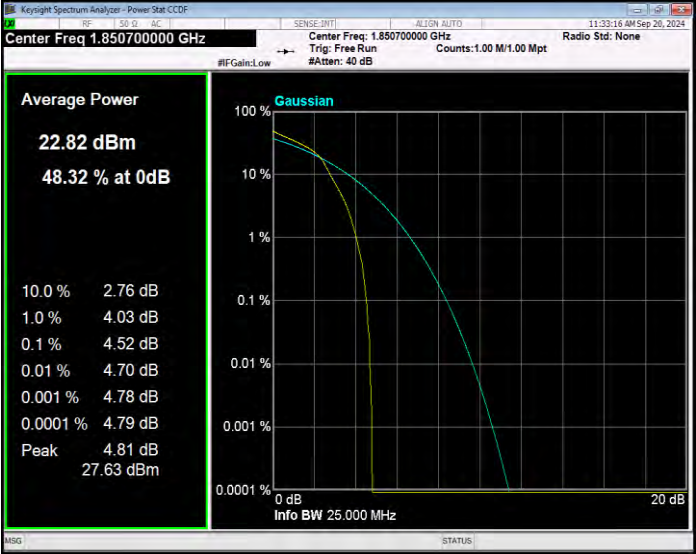
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band2	1.4	18607	1	#0	QPSK	4.18	13	PASS
Band2	1.4	18607	1	#0	16QAM	4.52	13	PASS
Band2	1.4	18900	1	#0	QPSK	4.52	13	PASS
Band2	1.4	18900	1	#0	16QAM	5.30	13	PASS
Band2	1.4	19193	1	#0	QPSK	4.20	13	PASS
Band2	1.4	19193	1	#0	16QAM	4.86	13	PASS
Band2	3	18615	1	#0	QPSK	4.21	13	PASS
Band2	3	18615	1	#0	16QAM	5.12	13	PASS
Band2	3	18900	1	#0	QPSK	4.66	13	PASS
Band2	3	18900	1	#0	16QAM	5.27	13	PASS
Band2	3	19185	1	#0	QPSK	4.44	13	PASS
Band2	3	19185	1	#0	16QAM	5.20	13	PASS
Band2	5	18625	1	#0	QPSK	4.30	13	PASS
Band2	5	18625	1	#0	16QAM	5.29	13	PASS
Band2	5	18900	1	#0	QPSK	4.60	13	PASS
Band2	5	18900	1	#0	16QAM	5.27	13	PASS
Band2	5	19175	1	#0	QPSK	4.63	13	PASS
Band2	5	19175	1	#0	16QAM	5.38	13	PASS
Band2	10	18650	1	#0	QPSK	4.14	13	PASS
Band2	10	18650	1	#0	16QAM	5.08	13	PASS
Band2	10	18900	1	#0	QPSK	4.70	13	PASS
Band2	10	18900	1	#0	16QAM	5.74	13	PASS
Band2	10	19150	1	#0	QPSK	4.41	13	PASS
Band2	10	19150	1	#0	16QAM	5.30	13	PASS
Band2	15	18675	1	#0	QPSK	4.22	13	PASS
Band2	15	18675	1	#0	16QAM	4.95	13	PASS
Band2	15	18900	1	#0	QPSK	4.82	13	PASS
Band2	15	18900	1	#0	16QAM	5.68	13	PASS
Band2	15	19125	1	#0	QPSK	4.93	13	PASS
Band2	15	19125	1	#0	16QAM	5.61	13	PASS
Band2	20	18700	1	#0	QPSK	4.03	13	PASS
Band2	20	18700	1	#0	16QAM	4.89	13	PASS
Band2	20	18900	1	#0	QPSK	4.61	13	PASS
Band2	20	18900	1	#0	16QAM	5.40	13	PASS
Band2	20	19100	1	#0	QPSK	4.84	13	PASS
Band2	20	19100	1	#0	16QAM	5.76	13	PASS
Band4	1.4	19957	1	#0	QPSK	4.89	13	PASS
Band4	1.4	19957	1	#0	16QAM	4.83	13	PASS
Band4	1.4	20175	1	#0	QPSK	5.22	13	PASS
Band4	1.4	20175	1	#0	16QAM	5.58	13	PASS
Band4	1.4	20393	1	#0	QPSK	5.12	13	PASS
Band4	1.4	20393	1	#0	16QAM	5.60	13	PASS
Band4	3	19965	1	#0	QPSK	4.89	13	PASS
Band4	3	19965	1	#0	16QAM	5.30	13	PASS
Band4	3	20175	1	#0	QPSK	5.29	13	PASS
Band4	3	20175	1	#0	16QAM	6.18	13	PASS
Band4	3	20385	1	#0	QPSK	5.34	13	PASS
Band4	3	20385	1	#0	16QAM	5.73	13	PASS
Band4	5	19975	1	#0	QPSK	4.90	13	PASS
Band4	5	19975	1	#0	16QAM	5.43	13	PASS
Band4	5	20175	1	#0	QPSK	5.61	13	PASS
Band4	5	20175	1	#0	16QAM	6.24	13	PASS
Band4	5	20375	1	#0	QPSK	5.24	13	PASS
Band4	5	20375	1	#0	16QAM	5.64	13	PASS
Band4	10	20000	1	#0	QPSK	4.87	13	PASS
Band4	10	20000	1	#0	16QAM	5.51	13	PASS
Band4	10	20175	1	#0	QPSK	5.26	13	PASS
Band4	10	20175	1	#0	16QAM	6.02	13	PASS
Band4	10	20350	1	#0	QPSK	5.13	13	PASS
Band4	10	20350	1	#0	16QAM	5.85	13	PASS
Band4	15	20025	1	#0	QPSK	4.95	13	PASS
Band4	15	20025	1	#0	16QAM	5.49	13	PASS
Band4	15	20175	1	#0	QPSK	5.54	13	PASS
Band4	15	20175	1	#0	16QAM	6.11	13	PASS

Band4	15	20325	1	#0	QPSK	5.38	13	PASS
Band4	15	20325	1	#0	16QAM	6.01	13	PASS
Band4	20	20050	1	#0	QPSK	4.78	13	PASS
Band4	20	20050	1	#0	16QAM	5.24	13	PASS
Band4	20	20175	1	#0	QPSK	5.53	13	PASS
Band4	20	20175	1	#0	16QAM	6.13	13	PASS
Band4	20	20300	1	#0	QPSK	5.29	13	PASS
Band4	20	20300	1	#0	16QAM	6.03	13	PASS
Band5	1.4	20407	1	#0	QPSK	5.02	13	PASS
Band5	1.4	20407	1	#0	16QAM	5.35	13	PASS
Band5	1.4	20525	1	#0	QPSK	5.13	13	PASS
Band5	1.4	20525	1	#0	16QAM	5.65	13	PASS
Band5	1.4	20643	1	#0	QPSK	4.80	13	PASS
Band5	1.4	20643	1	#0	16QAM	5.49	13	PASS
Band5	3	20415	1	#0	QPSK	4.91	13	PASS
Band5	3	20415	1	#0	16QAM	5.79	13	PASS
Band5	3	20525	1	#0	QPSK	5.27	13	PASS
Band5	3	20525	1	#0	16QAM	5.67	13	PASS
Band5	3	20635	1	#0	QPSK	5.00	13	PASS
Band5	3	20635	1	#0	16QAM	5.54	13	PASS
Band5	5	20425	1	#0	QPSK	5.07	13	PASS
Band5	5	20425	1	#0	16QAM	5.43	13	PASS
Band5	5	20525	1	#0	QPSK	5.73	13	PASS
Band5	5	20525	1	#0	16QAM	6.16	13	PASS
Band5	5	20625	1	#0	QPSK	5.14	13	PASS
Band5	5	20625	1	#0	16QAM	5.58	13	PASS
Band5	10	20450	1	#0	QPSK	4.98	13	PASS
Band5	10	20450	1	#0	16QAM	5.62	13	PASS
Band5	10	20525	1	#0	QPSK	5.34	13	PASS
Band5	10	20525	1	#0	16QAM	5.81	13	PASS
Band5	10	20600	1	#0	QPSK	5.08	13	PASS
Band5	10	20600	1	#0	16QAM	5.71	13	PASS
Band7	5	20775	1	#0	QPSK	4.05	13	PASS
Band7	5	20775	1	#0	16QAM	4.70	13	PASS
Band7	5	21100	1	#0	QPSK	3.79	13	PASS
Band7	5	21100	1	#0	16QAM	4.34	13	PASS
Band7	5	21425	1	#0	QPSK	4.36	13	PASS
Band7	5	21425	1	#0	16QAM	4.90	13	PASS
Band7	10	20800	1	#0	QPSK	4.06	13	PASS
Band7	10	20800	1	#0	16QAM	4.63	13	PASS
Band7	10	21100	1	#0	QPSK	4.03	13	PASS
Band7	10	21100	1	#0	16QAM	4.64	13	PASS
Band7	10	21400	1	#0	QPSK	4.31	13	PASS
Band7	10	21400	1	#0	16QAM	4.95	13	PASS
Band7	15	20825	1	#0	QPSK	4.17	13	PASS
Band7	15	20825	1	#0	16QAM	4.68	13	PASS
Band7	15	21100	1	#0	QPSK	4.25	13	PASS
Band7	15	21100	1	#0	16QAM	4.76	13	PASS
Band7	15	21375	1	#0	QPSK	4.41	13	PASS
Band7	15	21375	1	#0	16QAM	4.70	13	PASS
Band7	20	20850	1	#0	QPSK	3.99	13	PASS
Band7	20	20850	1	#0	16QAM	4.66	13	PASS
Band7	20	21100	1	#0	QPSK	4.31	13	PASS
Band7	20	21100	1	#0	16QAM	4.88	13	PASS
Band7	20	21350	1	#0	QPSK	4.44	13	PASS
Band7	20	21350	1	#0	16QAM	4.98	13	PASS
Band12	1.4	23017	1	#0	QPSK	4.57	13	PASS
Band12	1.4	23017	1	#0	16QAM	5.19	13	PASS
Band12	1.4	23095	1	#0	QPSK	4.87	13	PASS
Band12	1.4	23095	1	#0	16QAM	5.42	13	PASS
Band12	1.4	23173	1	#0	QPSK	5.17	13	PASS
Band12	1.4	23173	1	#0	16QAM	6.03	13	PASS
Band12	3	23025	1	#0	QPSK	4.47	13	PASS
Band12	3	23025	1	#0	16QAM	5.54	13	PASS
Band12	3	23095	1	#0	QPSK	4.81	13	PASS
Band12	3	23095	1	#0	16QAM	5.50	13	PASS
Band12	3	23165	1	#0	QPSK	5.35	13	PASS
Band12	3	23165	1	#0	16QAM	6.15	13	PASS

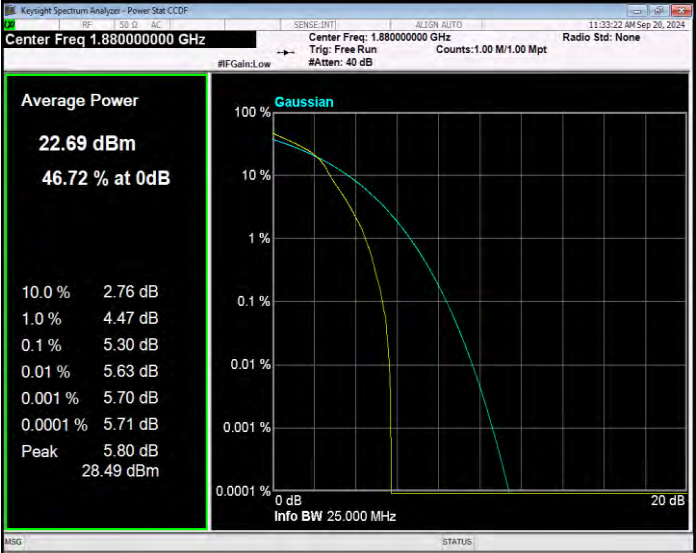
Band12	5	23035	1	#0	QPSK	4.63	13	PASS
Band12	5	23035	1	#0	16QAM	5.61	13	PASS
Band12	5	23095	1	#0	QPSK	4.83	13	PASS
Band12	5	23095	1	#0	16QAM	5.64	13	PASS
Band12	5	23155	1	#0	QPSK	5.24	13	PASS
Band12	5	23155	1	#0	16QAM	6.11	13	PASS
Band12	10	23060	1	#0	QPSK	4.52	13	PASS
Band12	10	23060	1	#0	16QAM	5.49	13	PASS
Band12	10	23095	1	#0	QPSK	5.10	13	PASS
Band12	10	23095	1	#0	16QAM	6.12	13	PASS
Band12	10	23130	1	#0	QPSK	4.76	13	PASS
Band12	10	23130	1	#0	16QAM	5.63	13	PASS
Band13	5	23205	1	#0	QPSK	5.66	13	PASS
Band13	5	23205	1	#0	16QAM	6.10	13	PASS
Band13	5	23230	1	#0	QPSK	5.42	13	PASS
Band13	5	23230	1	#0	16QAM	6.03	13	PASS
Band13	5	23255	1	#0	QPSK	5.13	13	PASS
Band13	5	23255	1	#0	16QAM	5.87	13	PASS
Band13	10	23230	1	#0	QPSK	5.43	13	PASS
Band13	10	23230	1	#0	16QAM	6.29	13	PASS
Band17	5	23755	1	#0	QPSK	5.28	13	PASS
Band17	5	23755	1	#0	16QAM	6.20	13	PASS
Band17	5	23790	1	#0	QPSK	4.64	13	PASS
Band17	5	23790	1	#0	16QAM	5.31	13	PASS
Band17	5	23825	1	#0	QPSK	5.29	13	PASS
Band17	5	23825	1	#0	16QAM	6.11	13	PASS
Band17	10	23780	1	#0	QPSK	5.07	13	PASS
Band17	10	23780	1	#0	16QAM	6.08	13	PASS
Band17	10	23790	1	#0	QPSK	4.74	13	PASS
Band17	10	23790	1	#0	16QAM	5.83	13	PASS
Band17	10	23800	1	#0	QPSK	4.75	13	PASS
Band17	10	23800	1	#0	16QAM	5.56	13	PASS
Band38	5	37775	1	#0	QPSK	6.05	13	PASS
Band38	5	37775	1	#0	16QAM	7.34	13	PASS
Band38	5	38000	1	#0	QPSK	7.92	13	PASS
Band38	5	38000	1	#0	16QAM	11.58	13	PASS
Band38	5	38225	1	#0	QPSK	8.17	13	PASS
Band38	5	38225	1	#0	16QAM	8.08	13	PASS
Band38	10	37800	1	#0	QPSK	7.23	13	PASS
Band38	10	37800	1	#0	16QAM	5.93	13	PASS
Band38	10	38000	1	#0	QPSK	10.79	13	PASS
Band38	10	38000	1	#0	16QAM	7.86	13	PASS
Band38	10	38200	1	#0	QPSK	9.36	13	PASS
Band38	10	38200	1	#0	16QAM	8.08	13	PASS
Band38	15	37825	1	#0	QPSK	7.07	13	PASS
Band38	15	37825	1	#0	16QAM	5.67	13	PASS
Band38	15	38000	1	#0	QPSK	7.61	13	PASS
Band38	15	38000	1	#0	16QAM	9.37	13	PASS
Band38	15	38175	1	#0	QPSK	8.02	13	PASS
Band38	15	38175	1	#0	16QAM	9.72	13	PASS
Band38	20	37850	1	#0	QPSK	5.66	13	PASS
Band38	20	37850	1	#0	16QAM	6.72	13	PASS
Band38	20	38000	1	#0	QPSK	9.44	13	PASS
Band38	20	38000	1	#0	16QAM	10.93	13	PASS
Band38	20	38150	1	#0	QPSK	8.34	13	PASS
Band38	20	38150	1	#0	16QAM	9.32	13	PASS
Band40(2350-2360)	5	39175	1	#0	QPSK	9.39	13	PASS
Band40(2350-2360)	5	39175	1	#0	16QAM	10.98	13	PASS
Band40(2350-2360)	5	39200	1	#0	QPSK	8.37	13	PASS
Band40(2350-2360)	5	39200	1	#0	16QAM	9.78	13	PASS
Band40(2350-2360)	5	39225	1	#0	QPSK	9.32	13	PASS
Band40(2350-2360)	5	39225	1	#0	16QAM	9.34	13	PASS
Band40(2350-2360)	10	39200	1	#0	QPSK	9.54	13	PASS
Band40(2350-2360)	10	39200	1	#0	16QAM	10.68	13	PASS
Band40(2305-2315)	5	38725	1	#0	QPSK	9.54	13	PASS
Band40(2305-2315)	5	38725	1	#0	16QAM	9.86	13	PASS
Band40(2305-2315)	5	38750	1	#0	QPSK	10.74	13	PASS
Band40(2305-2315)	5	38750	1	#0	16QAM	9.41	13	PASS

Band40(2305-2315)	5	38775	1	#0	QPSK	9.40	13	PASS
Band40(2305-2315)	5	38775	1	#0	16QAM	9.40	13	PASS
Band40(2305-2315)	10	38750	1	#0	QPSK	9.18	13	PASS
Band40(2305-2315)	10	38750	1	#0	16QAM	10.69	13	PASS
Band66	1.4	131979	1	#0	QPSK	4.48	13	PASS
Band66	1.4	131979	1	#0	16QAM	4.80	13	PASS
Band66	1.4	132322	1	#0	QPSK	5.02	13	PASS
Band66	1.4	132322	1	#0	16QAM	5.69	13	PASS
Band66	1.4	132665	1	#0	QPSK	4.75	13	PASS
Band66	1.4	132665	1	#0	16QAM	5.61	13	PASS
Band66	3	131987	1	#0	QPSK	4.59	13	PASS
Band66	3	131987	1	#0	16QAM	5.37	13	PASS
Band66	3	132322	1	#0	QPSK	5.17	13	PASS
Band66	3	132322	1	#0	16QAM	6.29	13	PASS
Band66	3	132657	1	#0	QPSK	4.86	13	PASS
Band66	3	132657	1	#0	16QAM	5.45	13	PASS
Band66	5	131997	1	#0	QPSK	4.59	13	PASS
Band66	5	131997	1	#0	16QAM	5.58	13	PASS
Band66	5	132322	1	#0	QPSK	5.04	13	PASS
Band66	5	132322	1	#0	16QAM	5.60	13	PASS
Band66	5	132647	1	#0	QPSK	4.68	13	PASS
Band66	5	132647	1	#0	16QAM	5.58	13	PASS
Band66	10	132022	1	#0	QPSK	4.48	13	PASS
Band66	10	132022	1	#0	16QAM	5.47	13	PASS
Band66	10	132322	1	#0	QPSK	4.98	13	PASS
Band66	10	132322	1	#0	16QAM	5.63	13	PASS
Band66	10	132622	1	#0	QPSK	4.21	13	PASS
Band66	10	132622	1	#0	16QAM	5.34	13	PASS
Band66	15	132047	1	#0	QPSK	4.46	13	PASS
Band66	15	132047	1	#0	16QAM	5.48	13	PASS
Band66	15	132322	1	#0	QPSK	4.86	13	PASS
Band66	15	132322	1	#0	16QAM	5.75	13	PASS
Band66	15	132597	1	#0	QPSK	4.64	13	PASS
Band66	15	132597	1	#0	16QAM	5.45	13	PASS
Band66	20	132072	1	#0	QPSK	4.34	13	PASS
Band66	20	132072	1	#0	16QAM	5.18	13	PASS
Band66	20	132322	1	#0	QPSK	4.69	13	PASS
Band66	20	132322	1	#0	16QAM	5.90	13	PASS
Band66	20	132572	1	#0	QPSK	4.94	13	PASS
Band66	20	132572	1	#0	16QAM	5.88	13	PASS

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



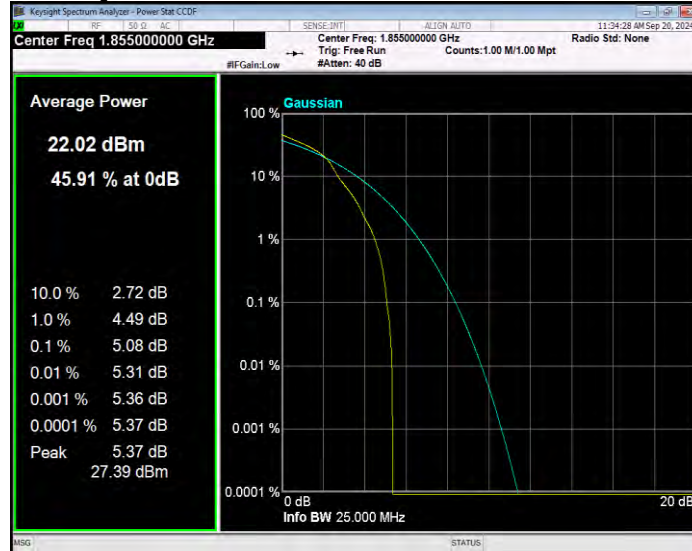
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=1 Position=#0



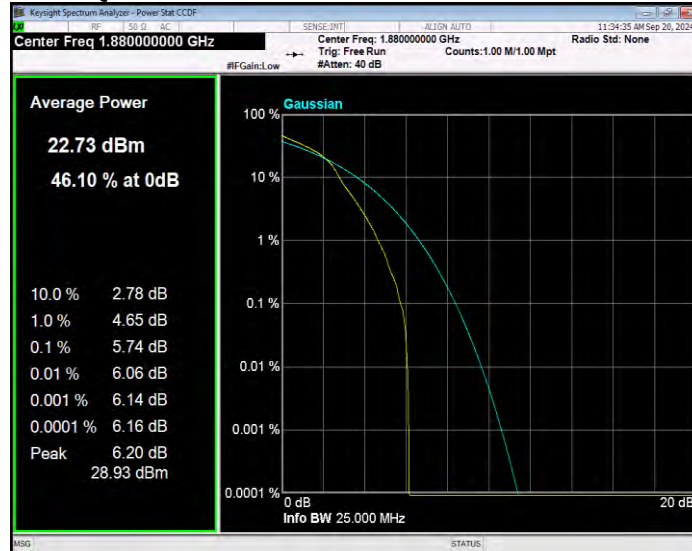
Band2 16QAM BW=1.4MHz Channel=19193 RB Size=1 Position=#0



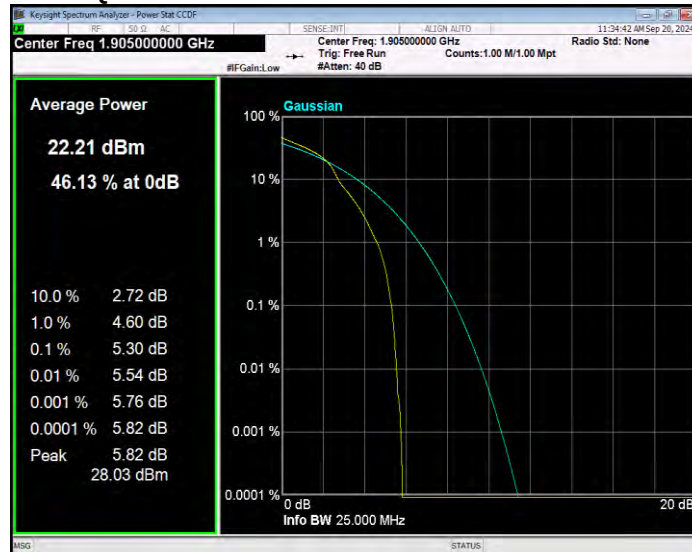
Band2 16QAM BW=10MHz Channel=18650 RB Size=1 Position=#0



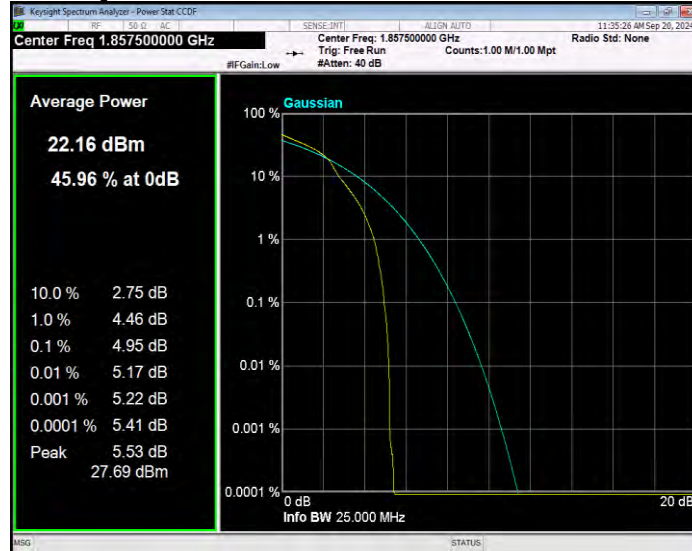
Band2 16QAM BW=10MHz Channel=18900 RB Size=1 Position=#0



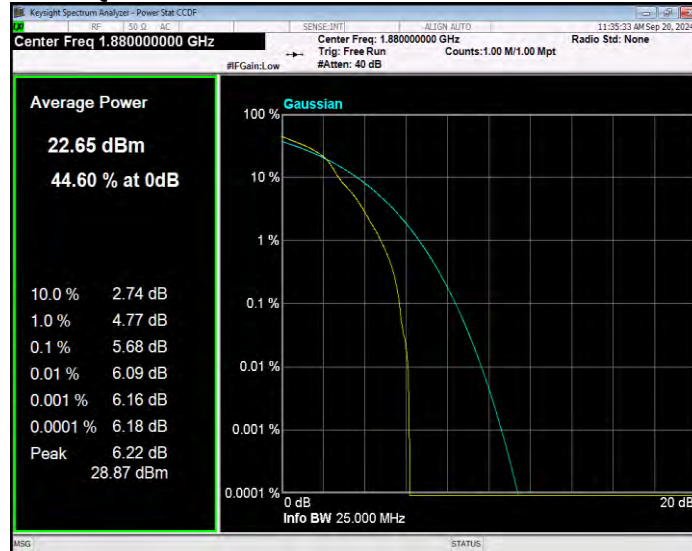
Band2 16QAM BW=10MHz Channel=19150 RB Size=1 Position=#0



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



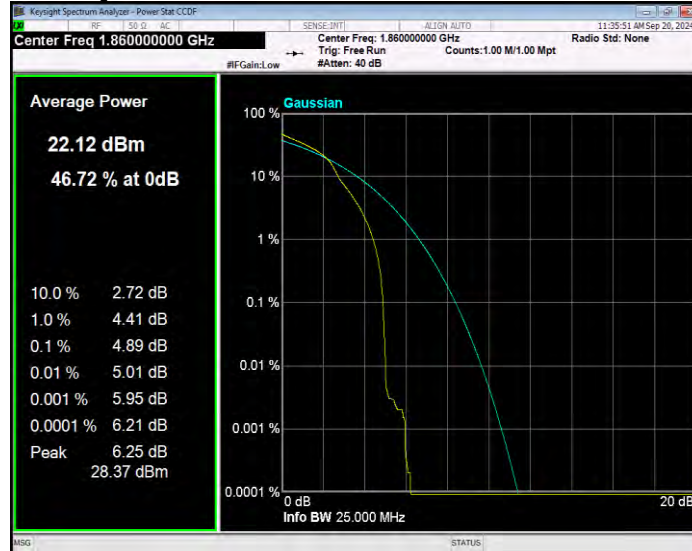
Band2 16QAM BW=15MHz Channel=18900 RB Size=1 Position=#0



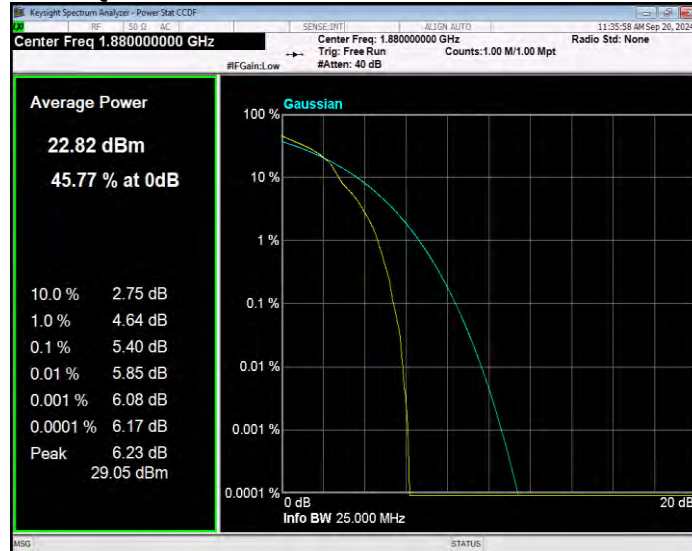
Band2 16QAM BW=15MHz Channel=19125 RB Size=1 Position=#0



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



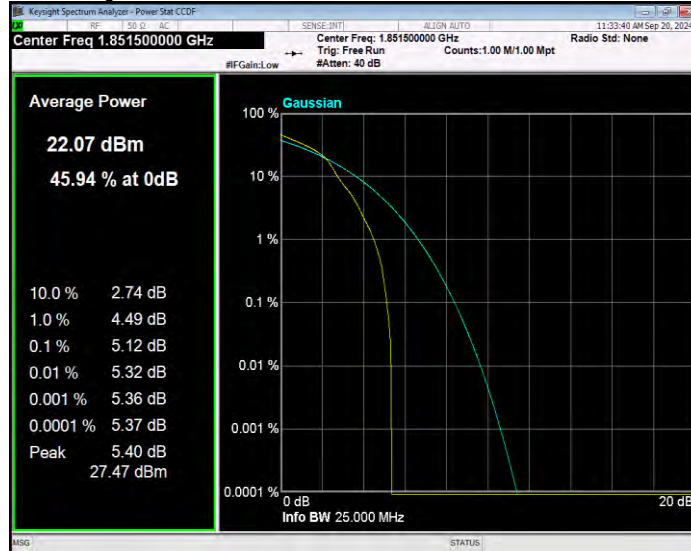
Band2 16QAM BW=20MHz Channel=18900 RB Size=1 Position=#0



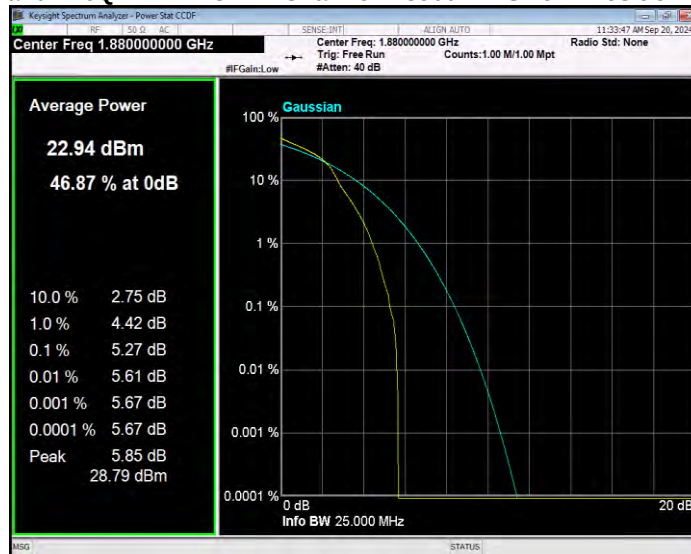
Band2 16QAM BW=20MHz Channel=19100 RB Size=1 Position=#0



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



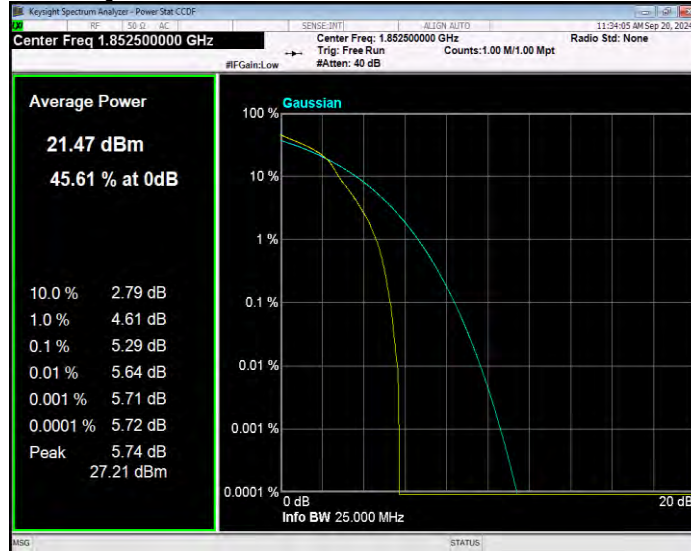
Band2 16QAM BW=3MHz Channel=18900 RB Size=1 Position=#0



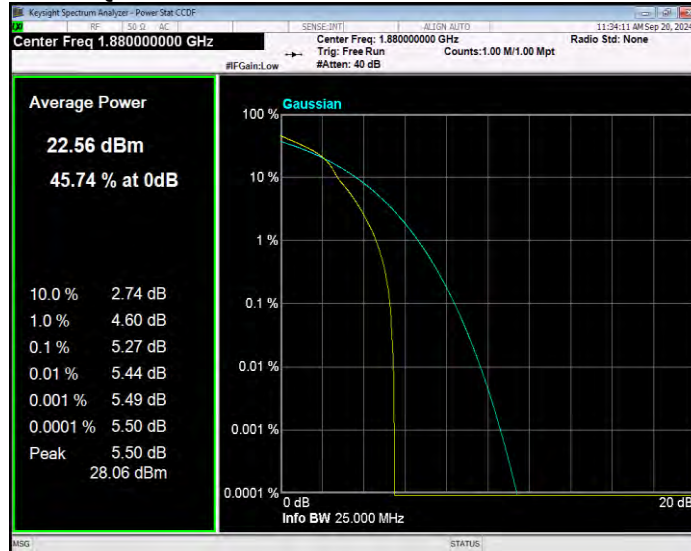
Band2 16QAM BW=3MHz Channel=19185 RB Size=1 Position=#0



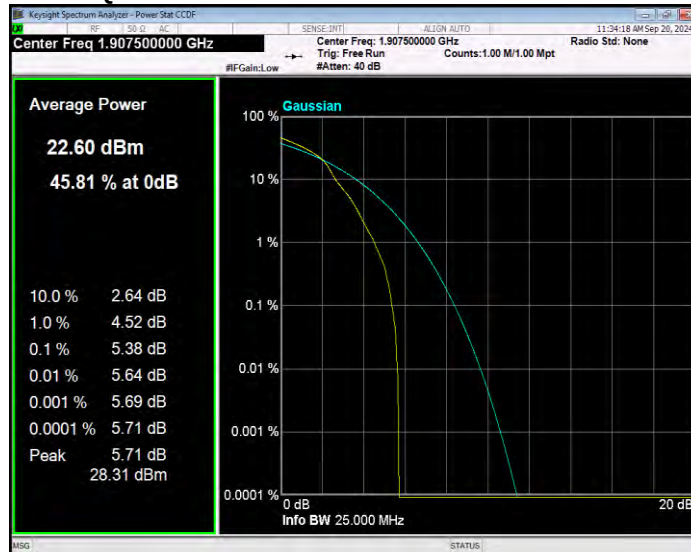
Band2 16QAM BW=5MHz Channel=18625 RB Size=1 Position=#0



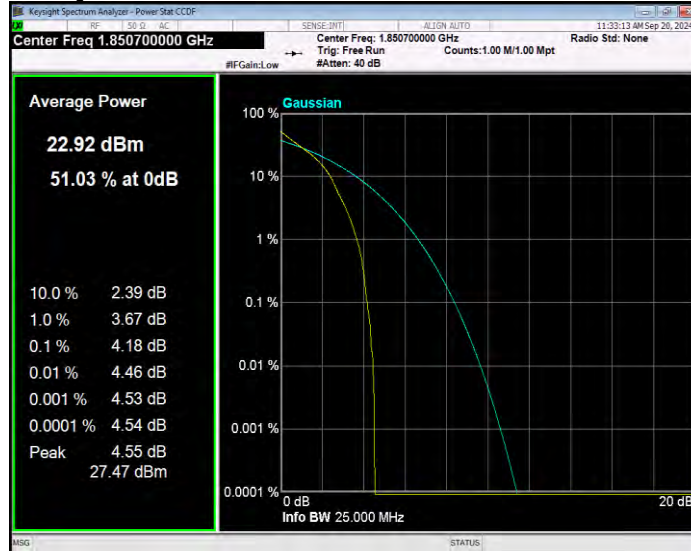
Band2 16QAM BW=5MHz Channel=18900 RB Size=1 Position=#0



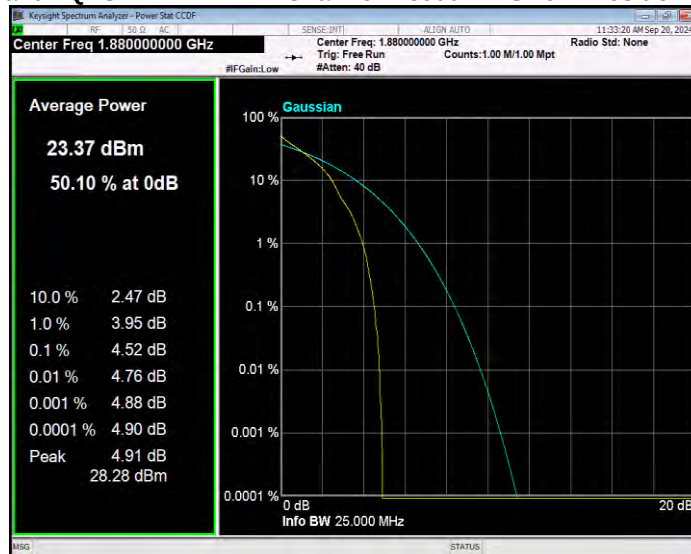
Band2 16QAM BW=5MHz Channel=19175 RB Size=1 Position=#0



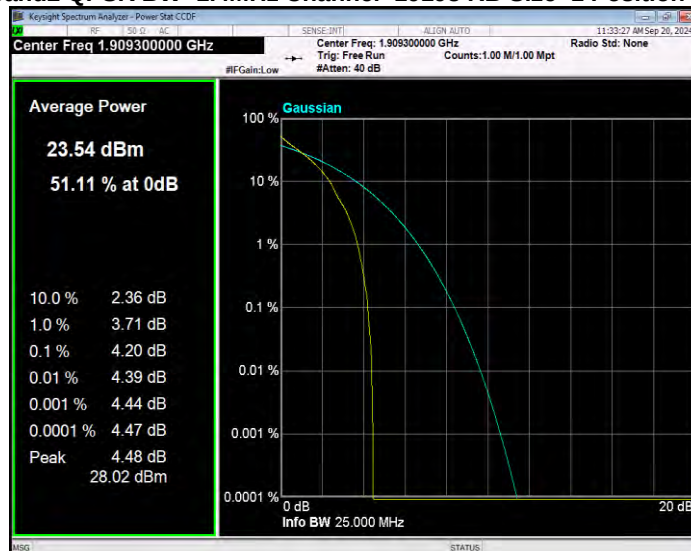
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=1 Position=#0



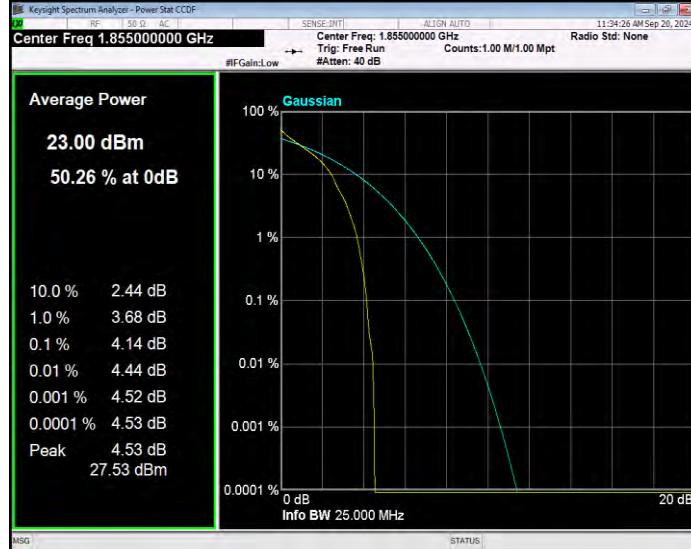
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=1 Position=#0



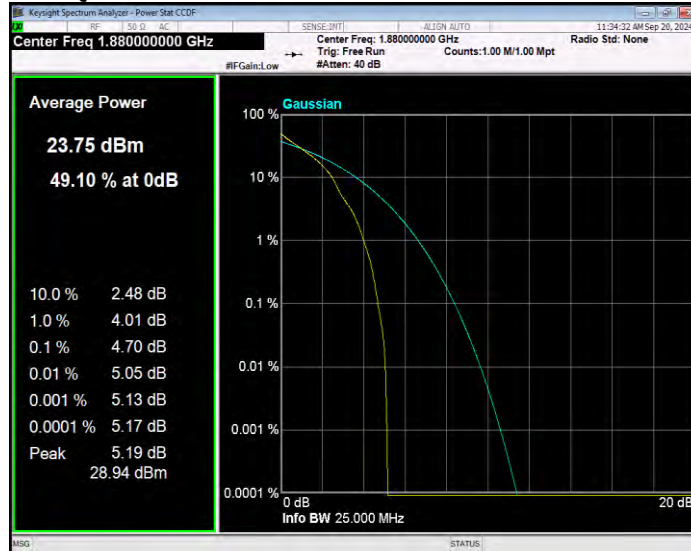
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=1 Position=#0



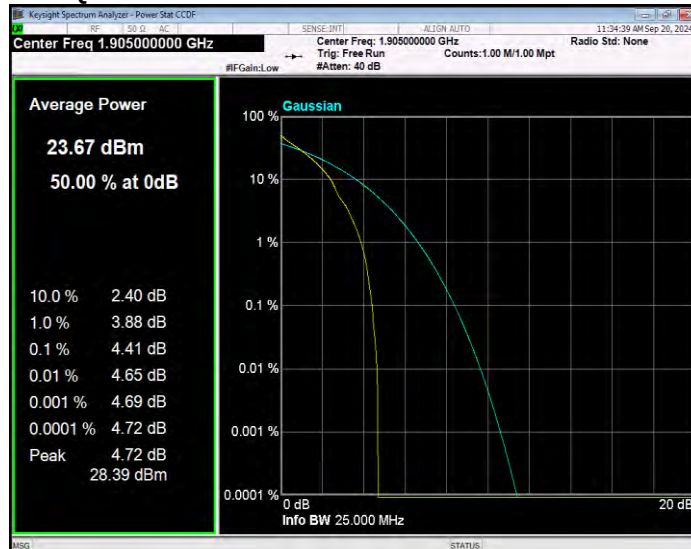
Band2 QPSK BW=10MHz Channel=18650 RB Size=1 Position=#0



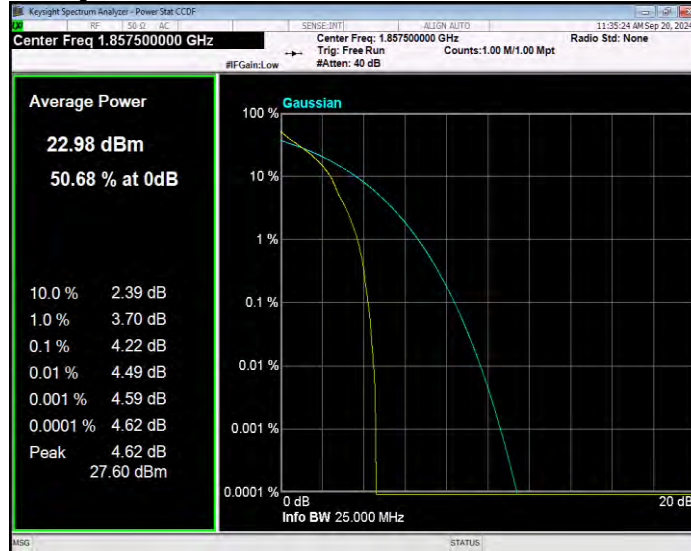
Band2 QPSK BW=10MHz Channel=18900 RB Size=1 Position=#0



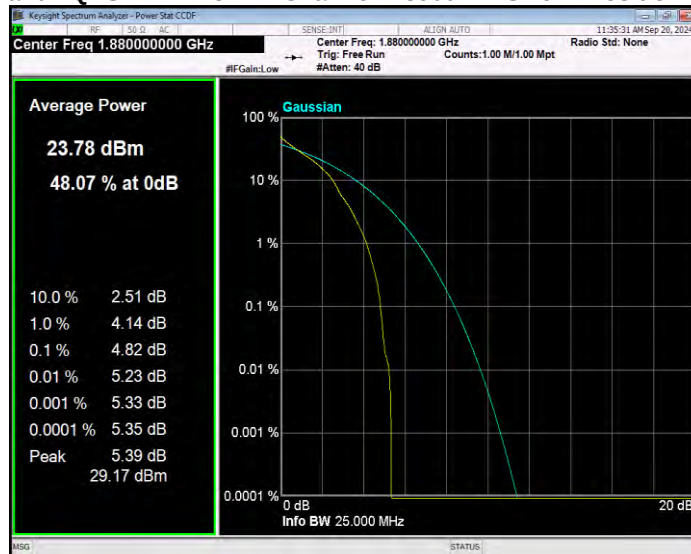
Band2 QPSK BW=10MHz Channel=19150 RB Size=1 Position=#0



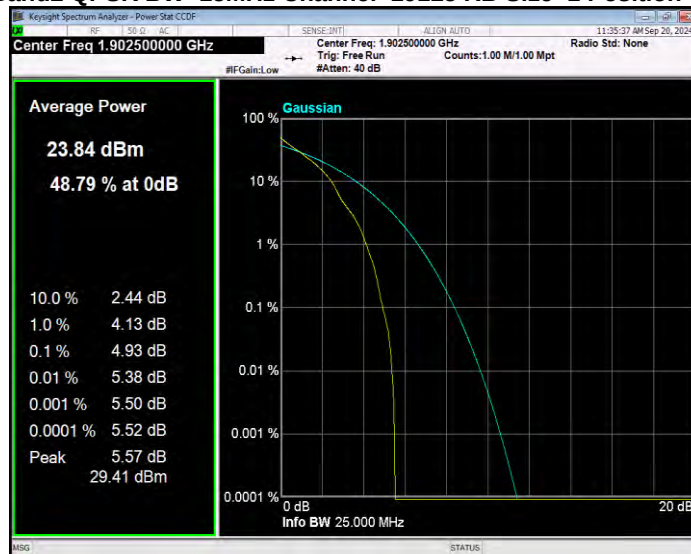
Band2 QPSK BW=15MHz Channel=18675 RB Size=1 Position=#0



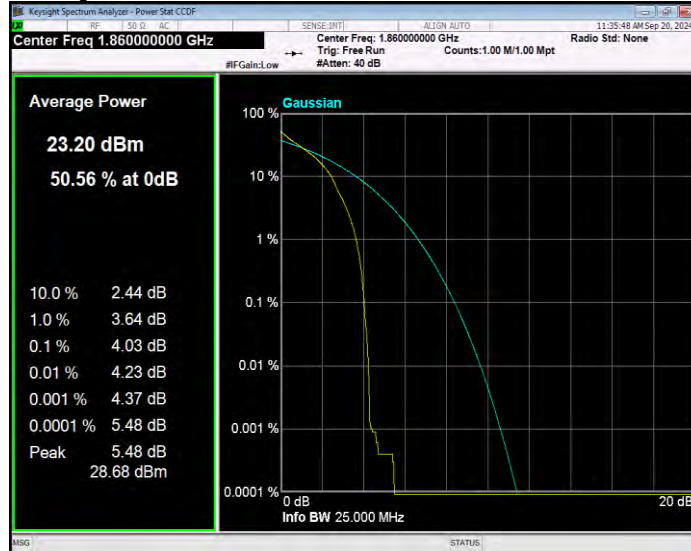
Band2 QPSK BW=15MHz Channel=18900 RB Size=1 Position=#0



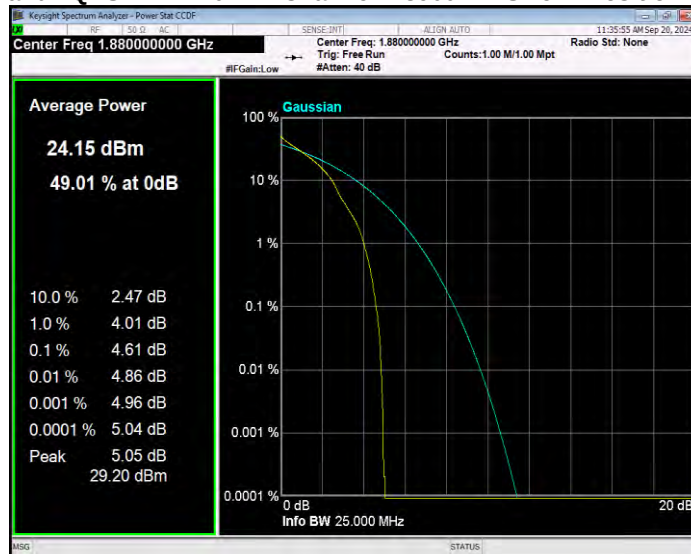
Band2 QPSK BW=15MHz Channel=19125 RB Size=1 Position=#0



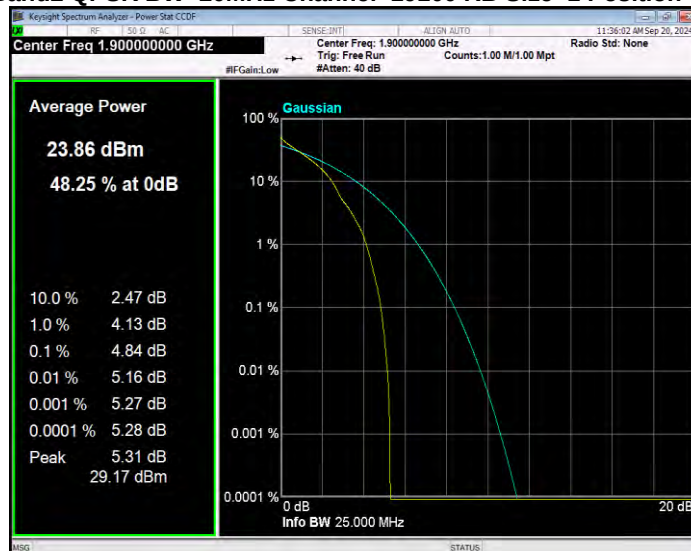
Band2 QPSK BW=20MHz Channel=18700 RB Size=1 Position=#0



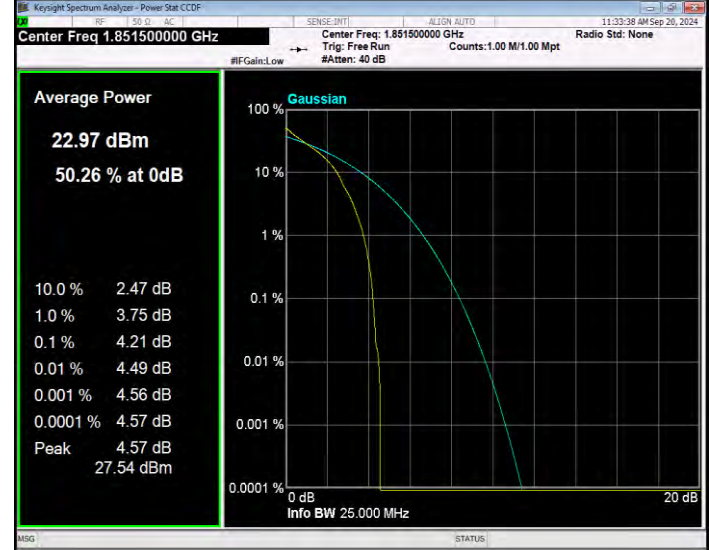
Band2 QPSK BW=20MHz Channel=18900 RB Size=1 Position=#0



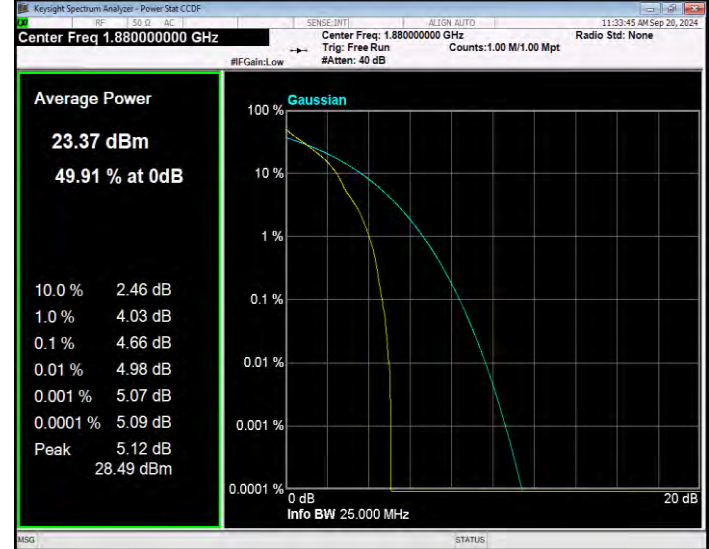
Band2 QPSK BW=20MHz Channel=19100 RB Size=1 Position=#0



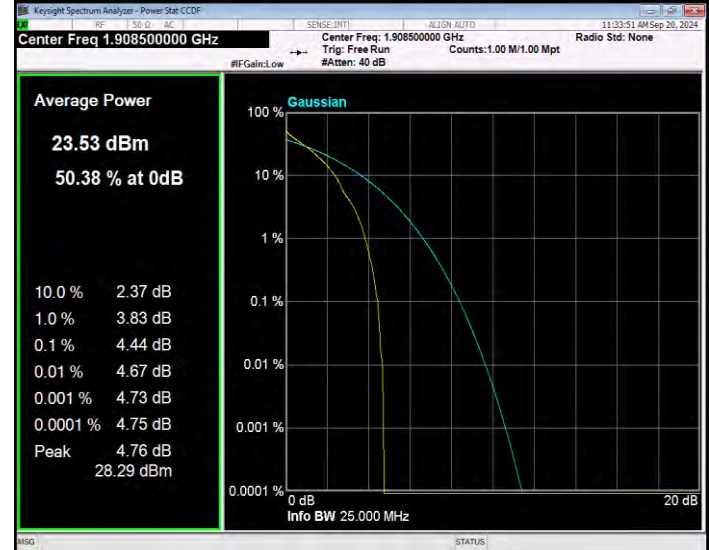
Band2 QPSK BW=3MHz Channel=18615 RB Size=1 Position=#0



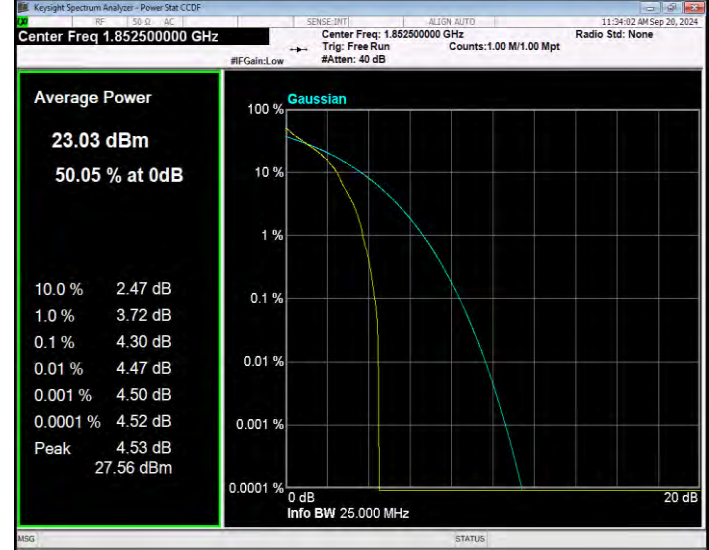
Band2 QPSK BW=3MHz Channel=18900 RB Size=1 Position=#0



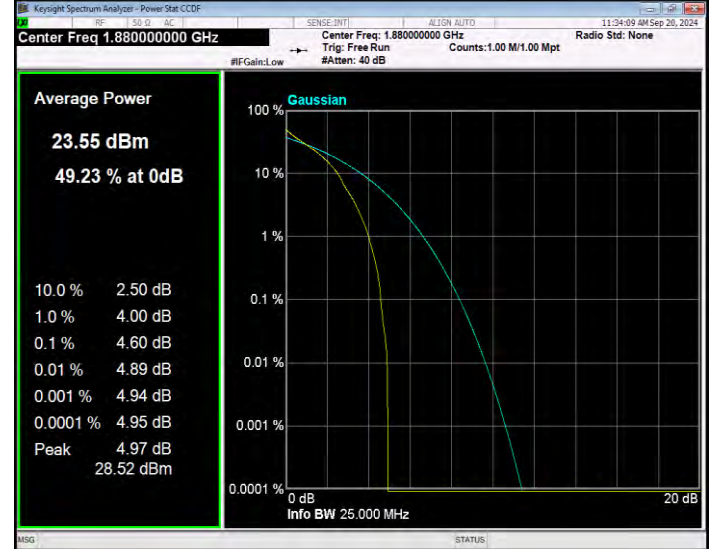
Band2 QPSK BW=3MHz Channel=19185 RB Size=1 Position=#0



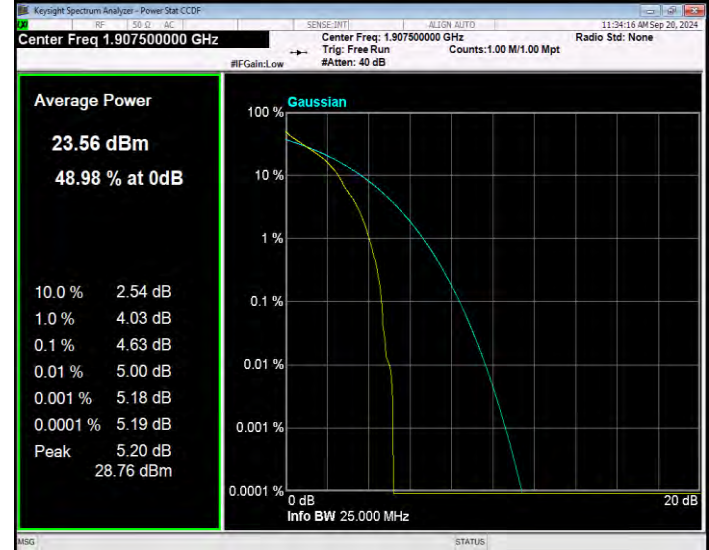
Band2 QPSK BW=5MHz Channel=18625 RB Size=1 Position=#0



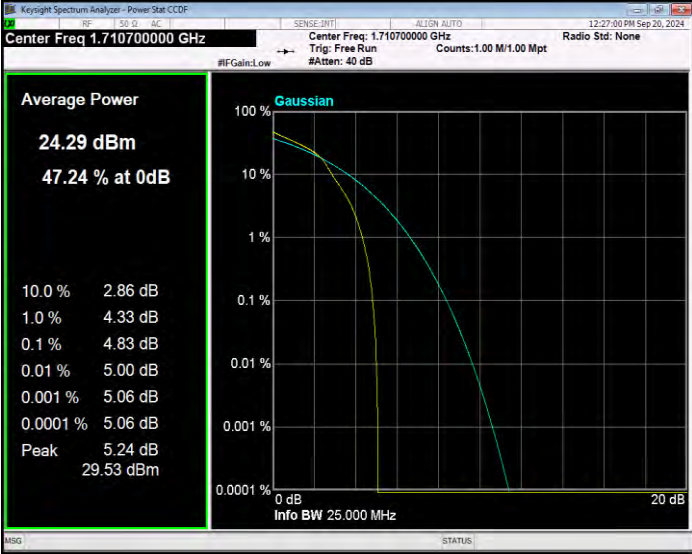
Band2 QPSK BW=5MHz Channel=18900 RB Size=1 Position=#0



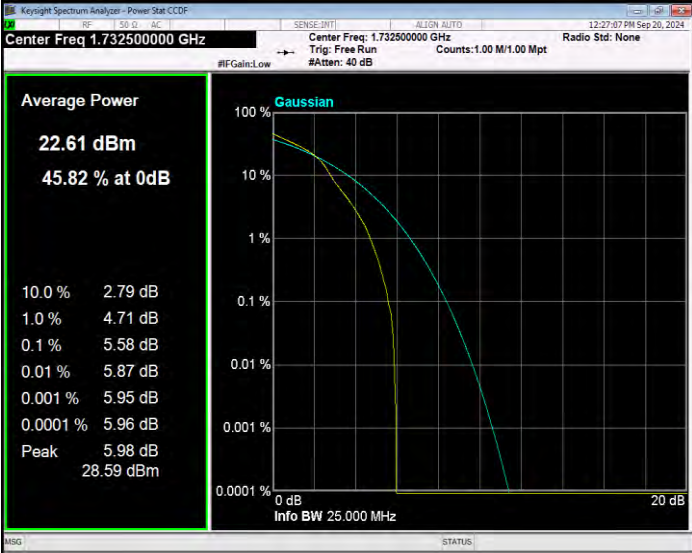
Band2 QPSK BW=5MHz Channel=19175 RB Size=1 Position=#0



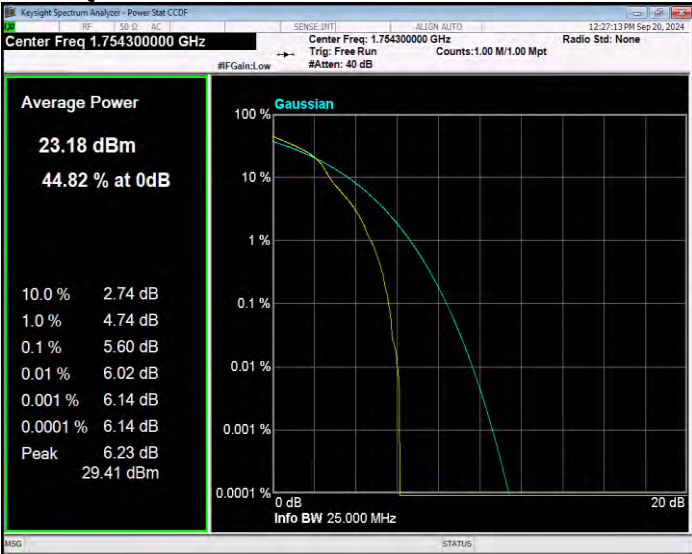
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=1 Position=#0



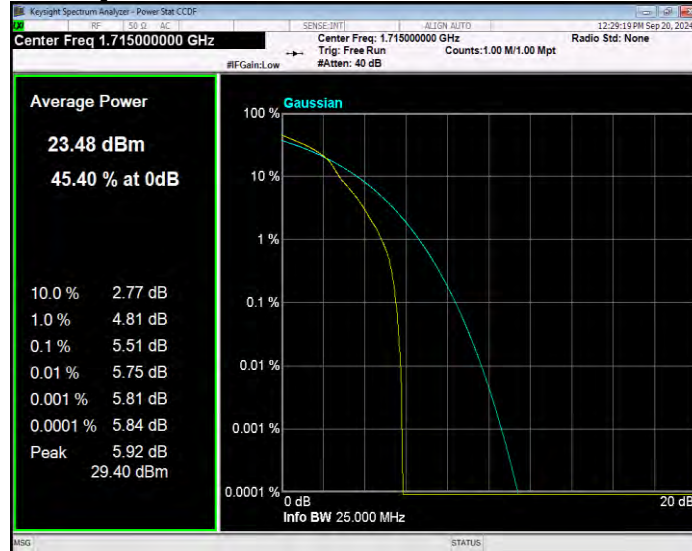
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=1 Position=#0



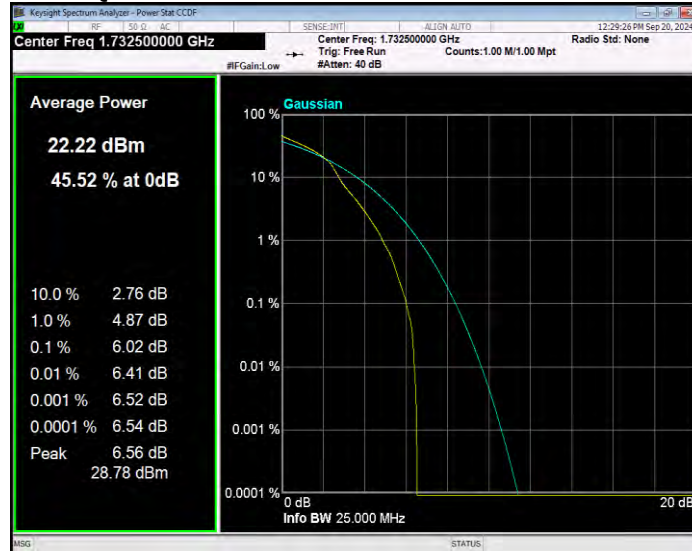
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=1 Position=#0



Band4 16QAM BW=10MHz Channel=20000 RB Size=1 Position=#0



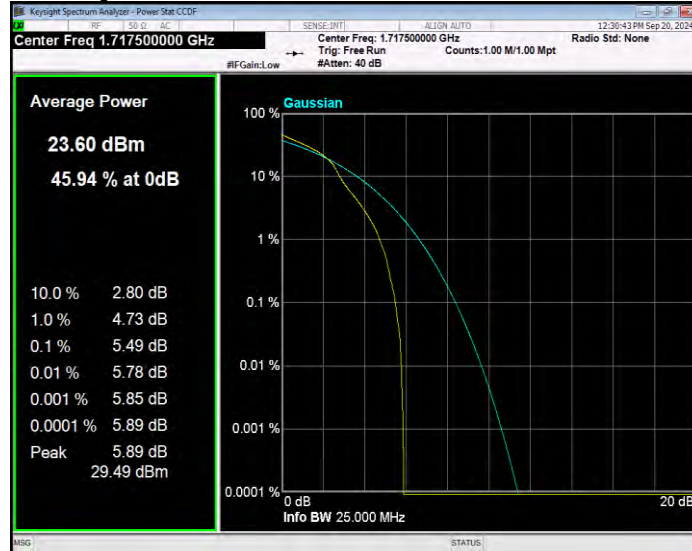
Band4 16QAM BW=10MHz Channel=20175 RB Size=1 Position=#0



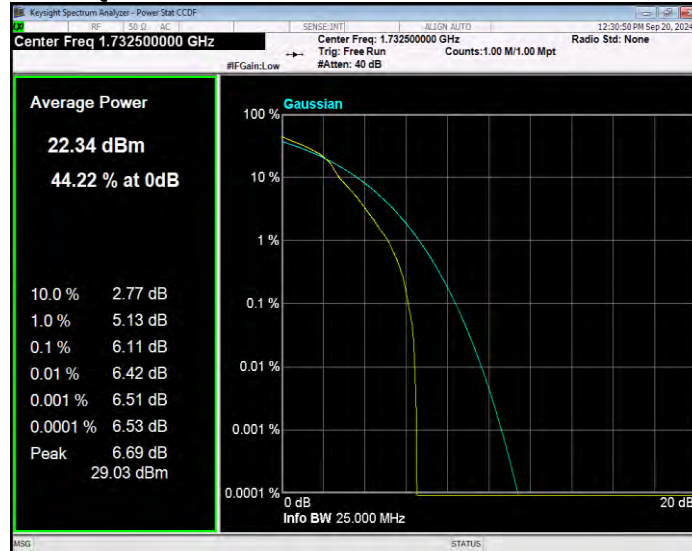
Band4 16QAM BW=10MHz Channel=20350 RB Size=1 Position=#0



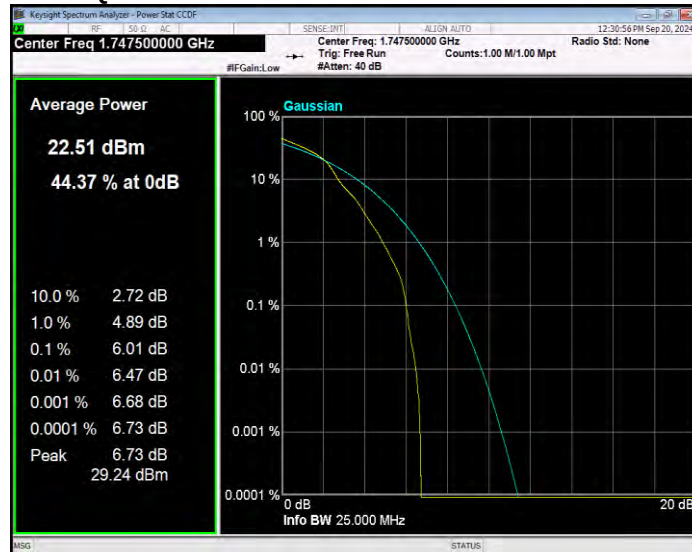
Band4 16QAM BW=15MHz Channel=20025 RB Size=1 Position=#0



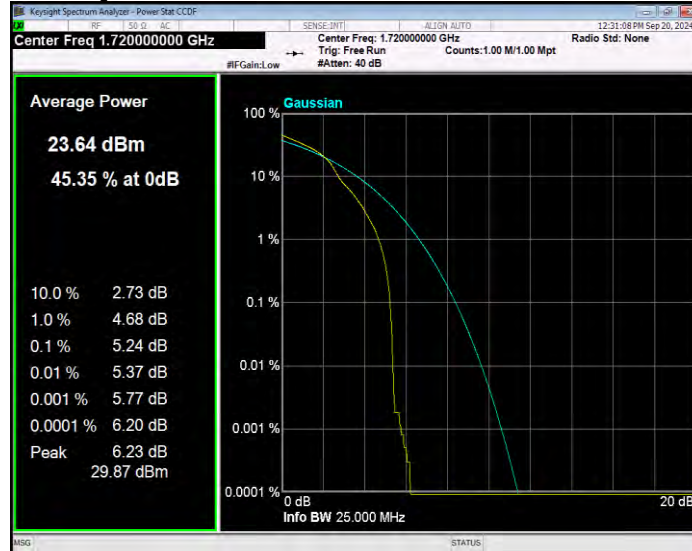
Band4 16QAM BW=15MHz Channel=20175 RB Size=1 Position=#0



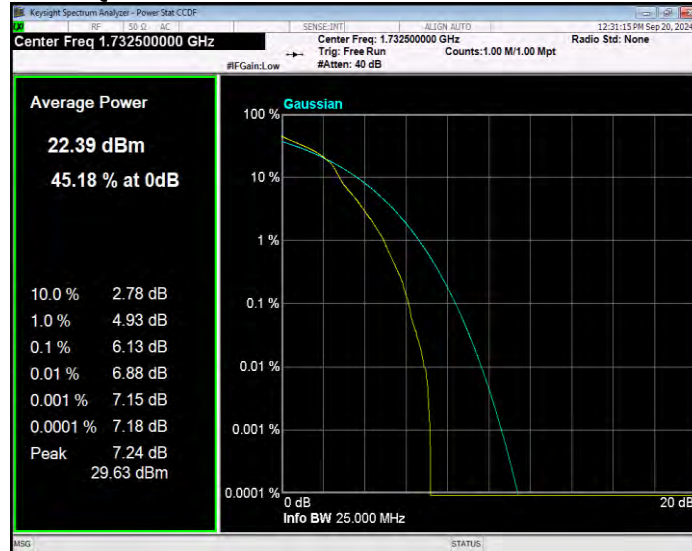
Band4 16QAM BW=15MHz Channel=20325 RB Size=1 Position=#0



Band4 16QAM BW=20MHz Channel=20050 RB Size=1 Position=#0



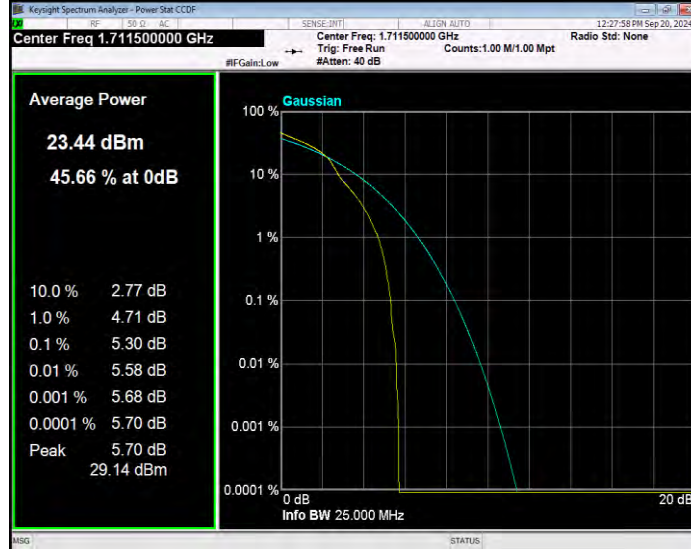
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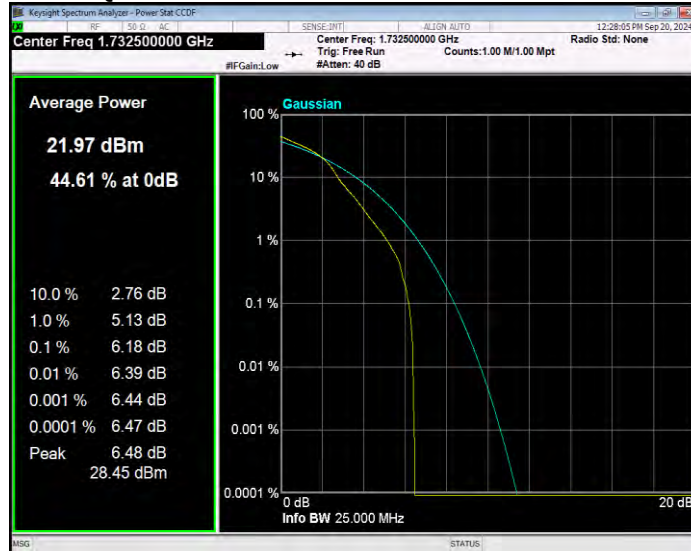
Band4 16QAM BW=20MHz Channel=20300 RB Size=1 Position=#0



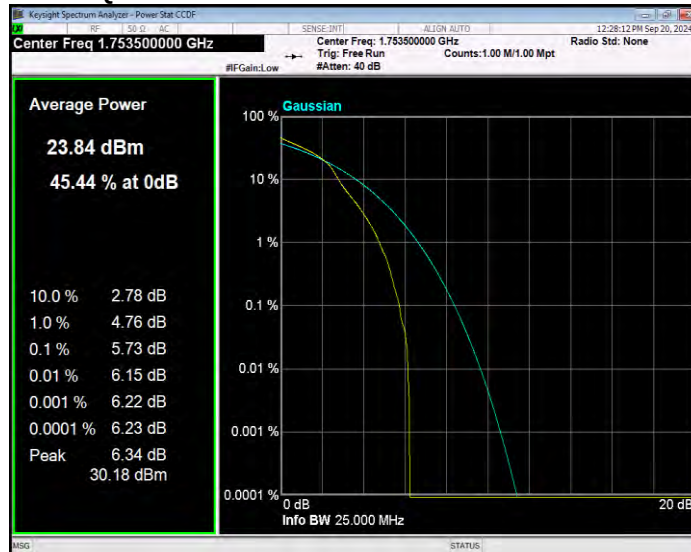
Band4 16QAM BW=3MHz Channel=19965 RB Size=1 Position=#0



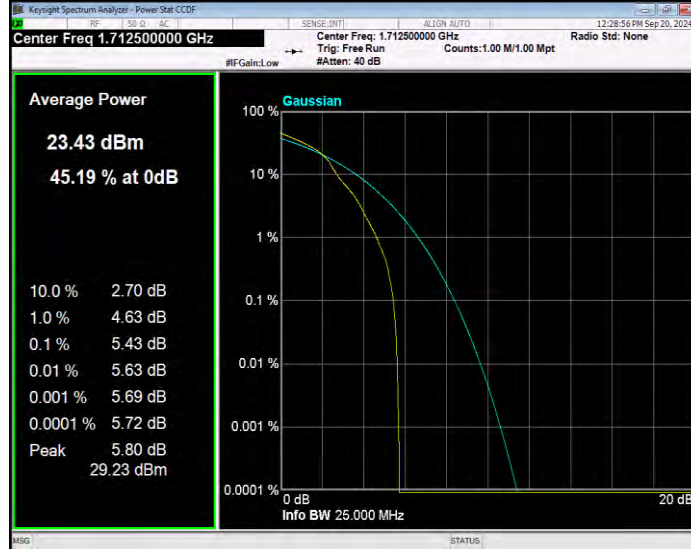
Band4 16QAM BW=3MHz Channel=20175 RB Size=1 Position=#0



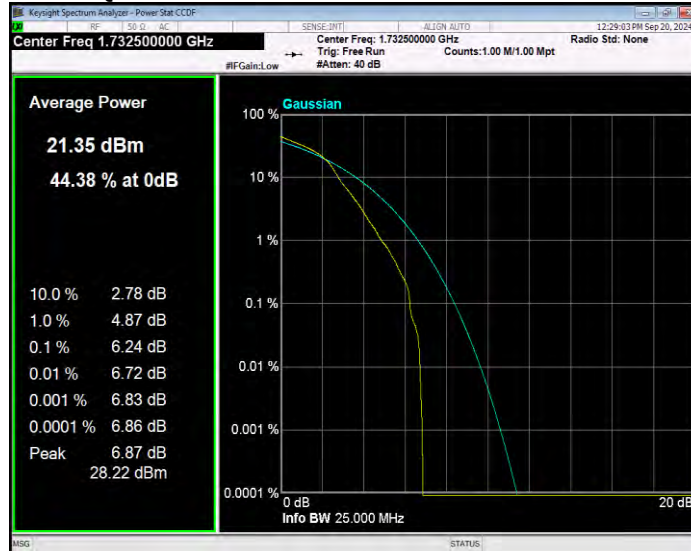
Band4 16QAM BW=3MHz Channel=20385 RB Size=1 Position=#0



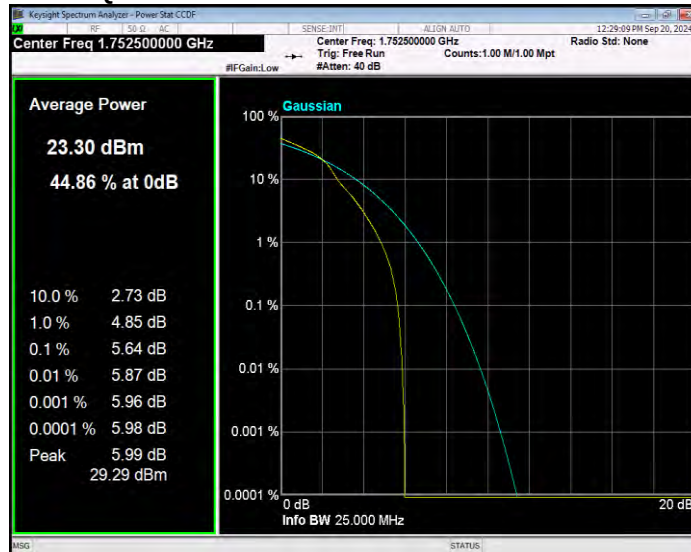
Band4 16QAM BW=5MHz Channel=19975 RB Size=1 Position=#0



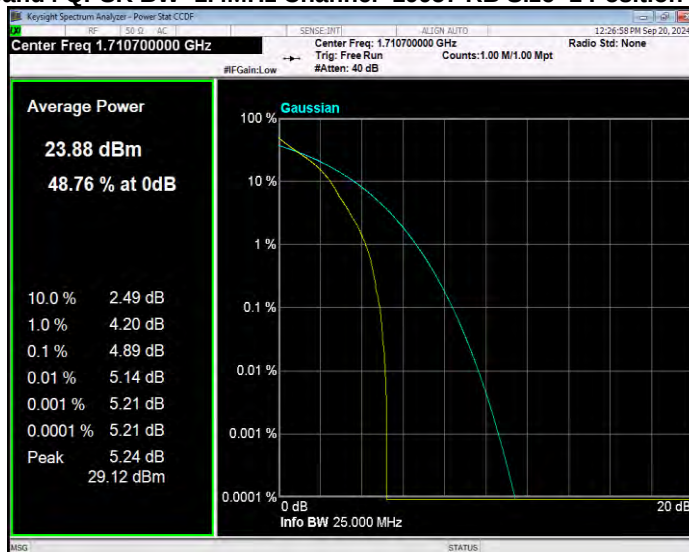
Band4 16QAM BW=5MHz Channel=20175 RB Size=1 Position=#0



Band4 16QAM BW=5MHz Channel=20375 RB Size=1 Position=#0



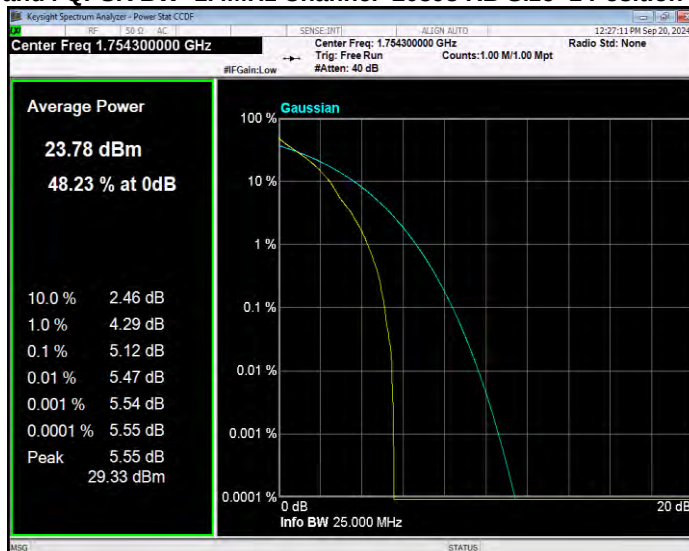
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=1 Position=#0



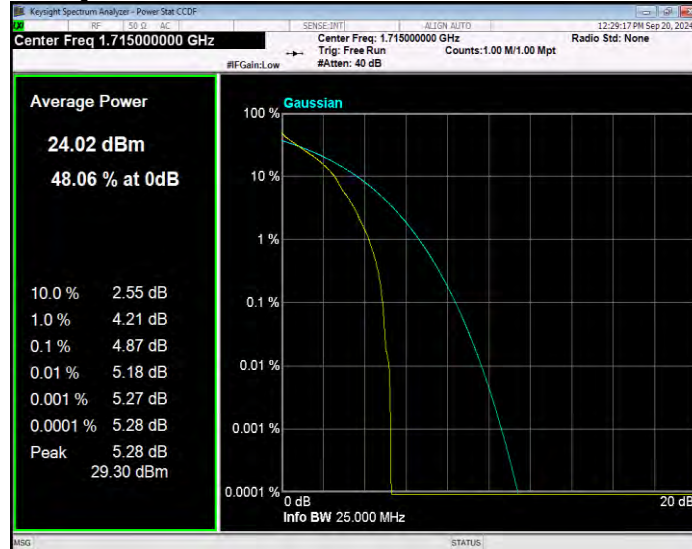
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0



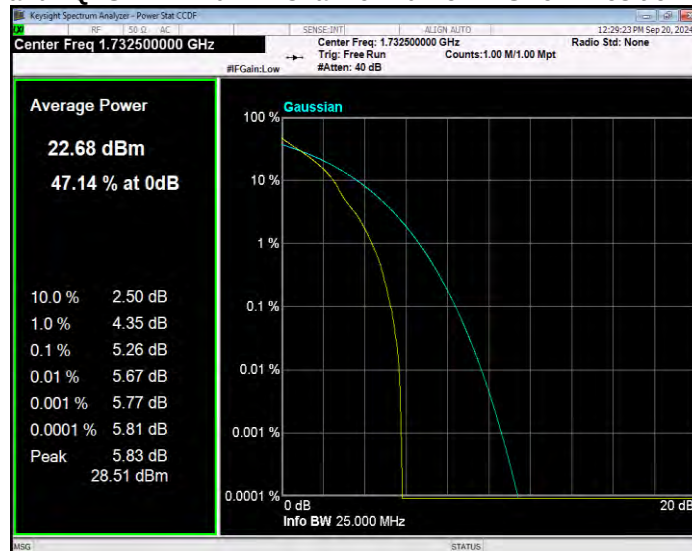
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=1 Position=#0



Band4 QPSK BW=10MHz Channel=20000 RB Size=1 Position=#0



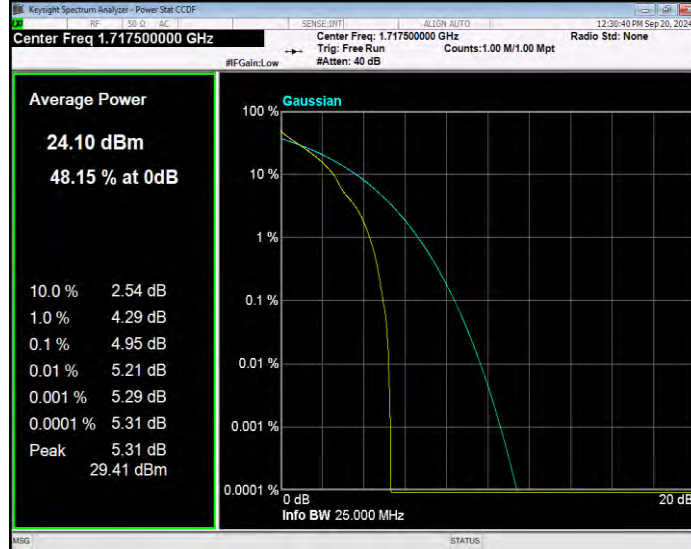
Band4 QPSK BW=10MHz Channel=20175 RB Size=1 Position=#0



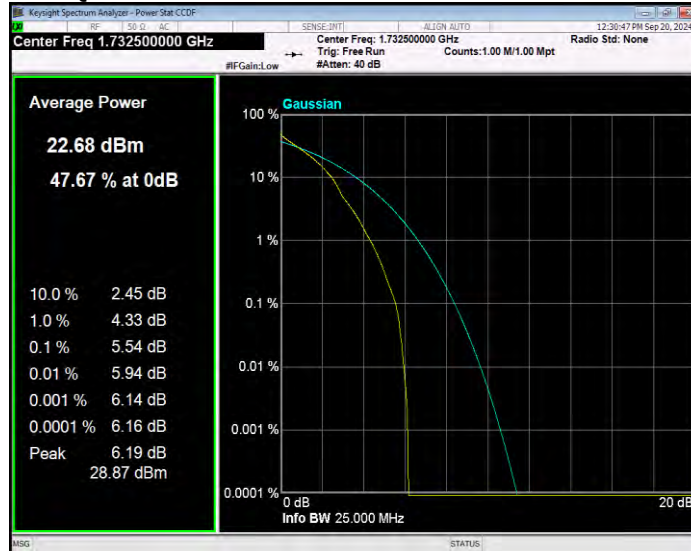
Band4 QPSK BW=10MHz Channel=20350 RB Size=1 Position=#0



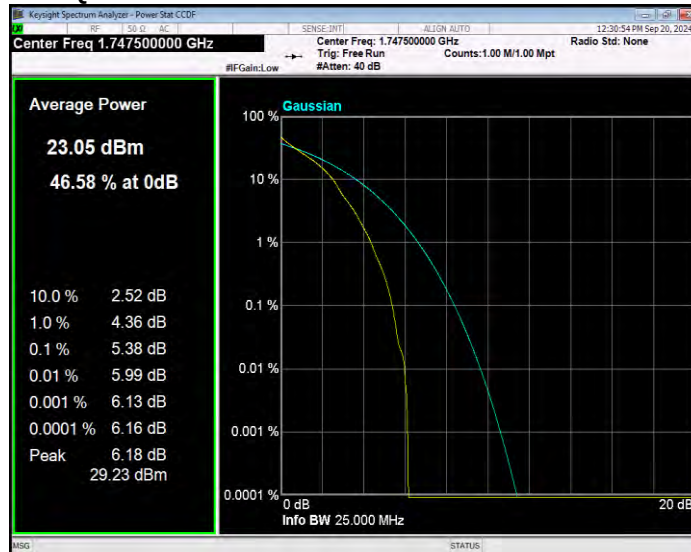
Band4 QPSK BW=15MHz Channel=20025 RB Size=1 Position=#0



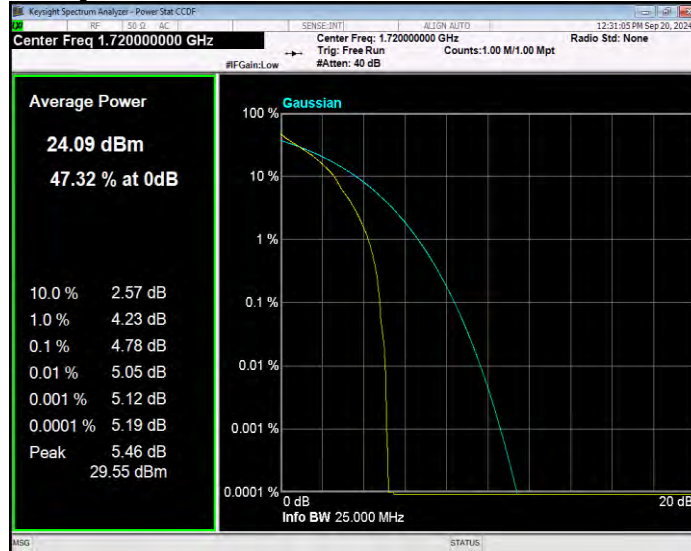
Band4 QPSK BW=15MHz Channel=20175 RB Size=1 Position=#0



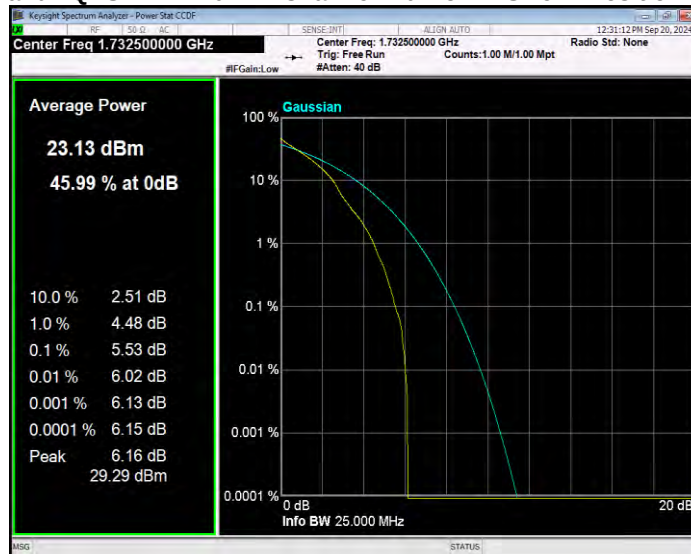
Band4 QPSK BW=15MHz Channel=20325 RB Size=1 Position=#0



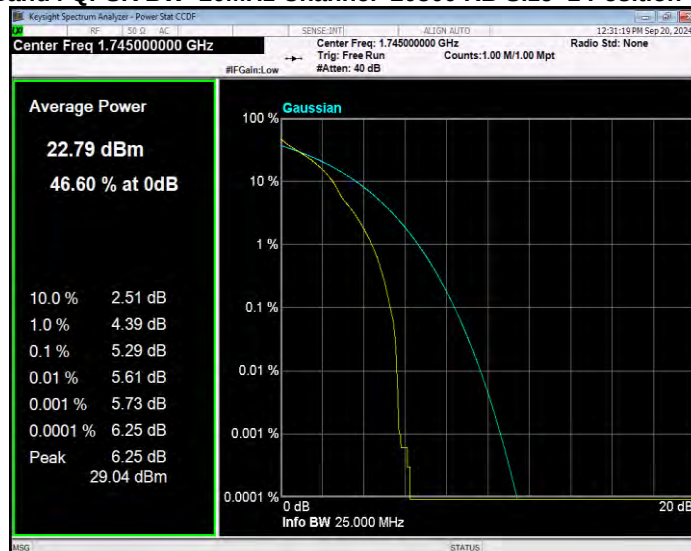
Band4 QPSK BW=20MHz Channel=20050 RB Size=1 Position=#0



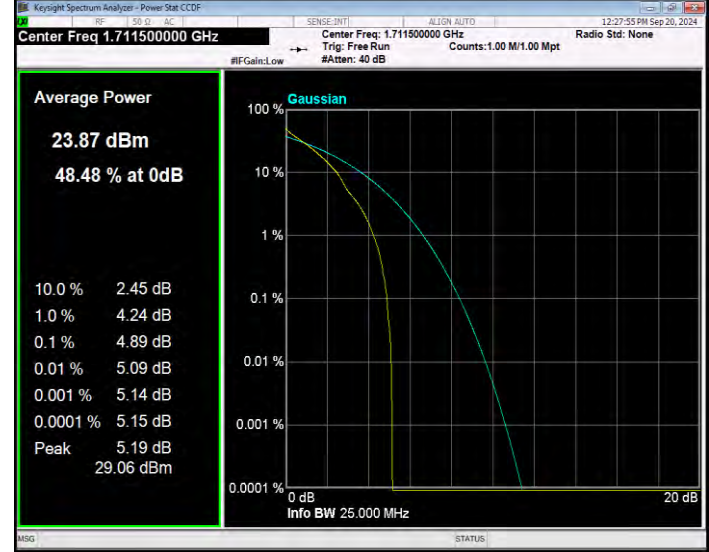
Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0



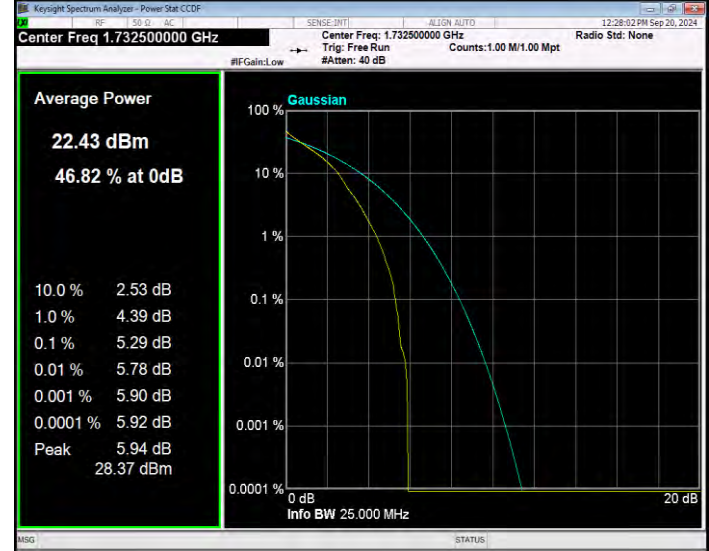
Band4 QPSK BW=20MHz Channel=20300 RB Size=1 Position=#0



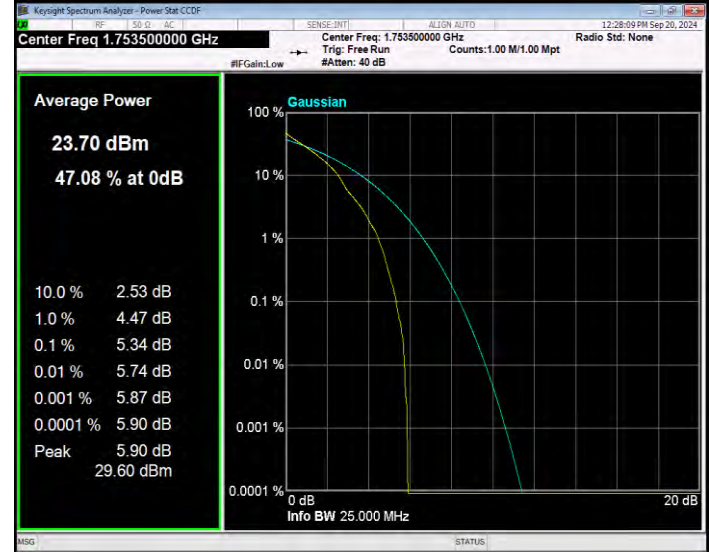
Band4 QPSK BW=3MHz Channel=19965 RB Size=1 Position=#0



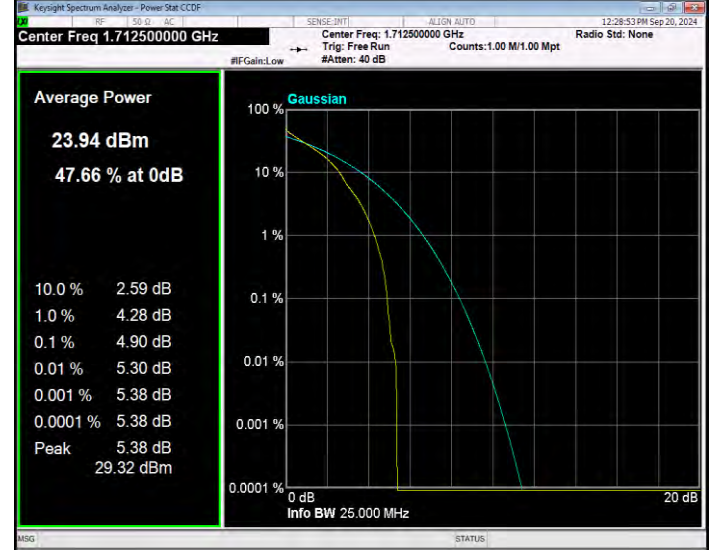
Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0



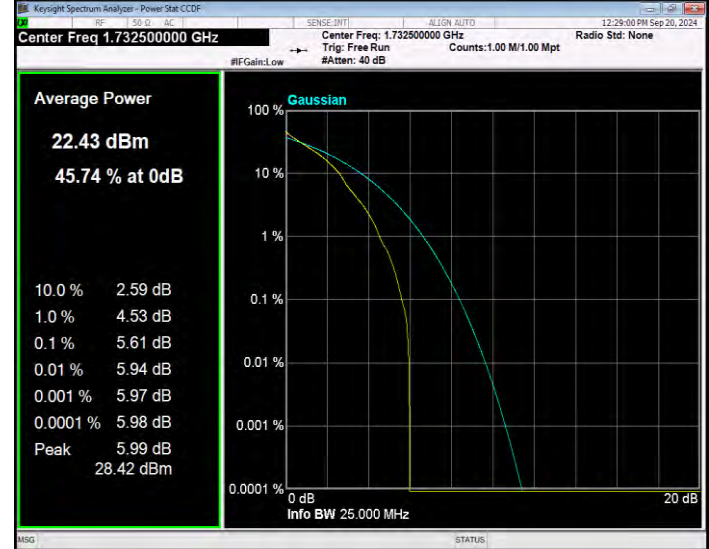
Band4 QPSK BW=3MHz Channel=20385 RB Size=1 Position=#0



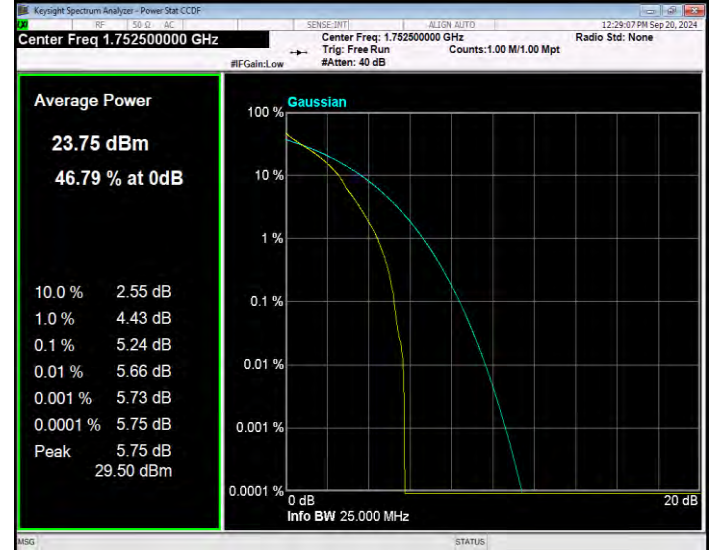
Band4 QPSK BW=5MHz Channel=19975 RB Size=1 Position=#0



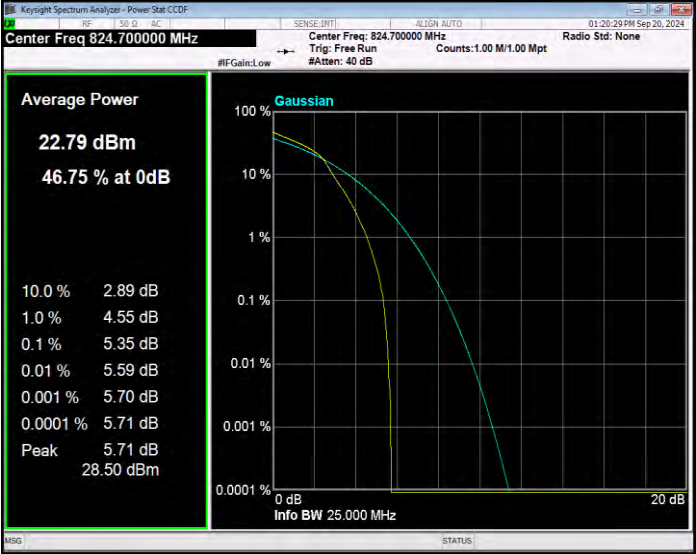
Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0



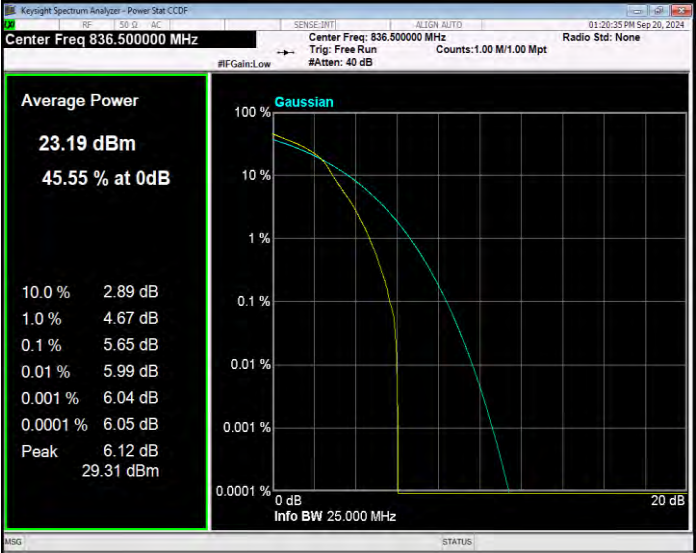
Band4 QPSK BW=5MHz Channel=20375 RB Size=1 Position=#0



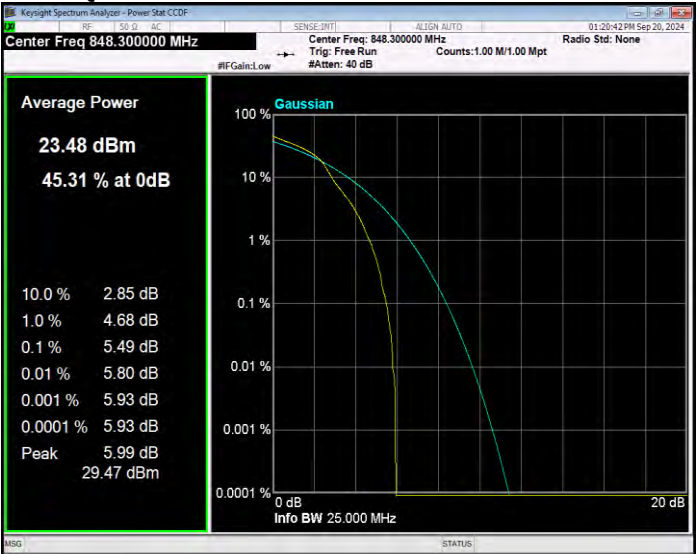
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=1 Position=#0



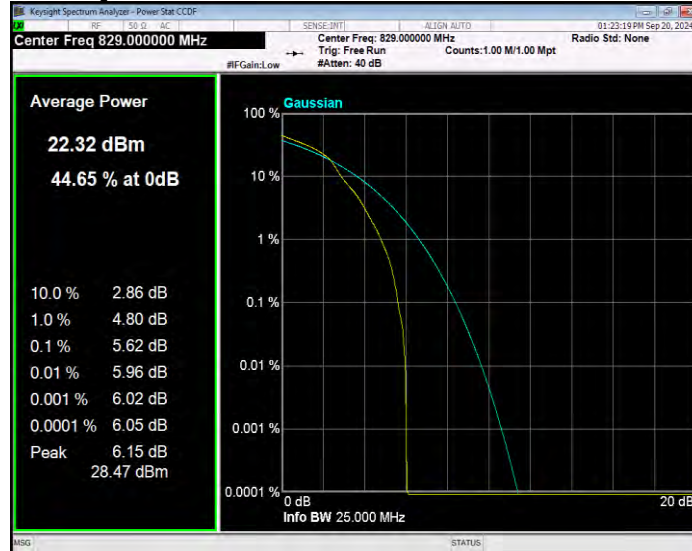
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=1 Position=#0



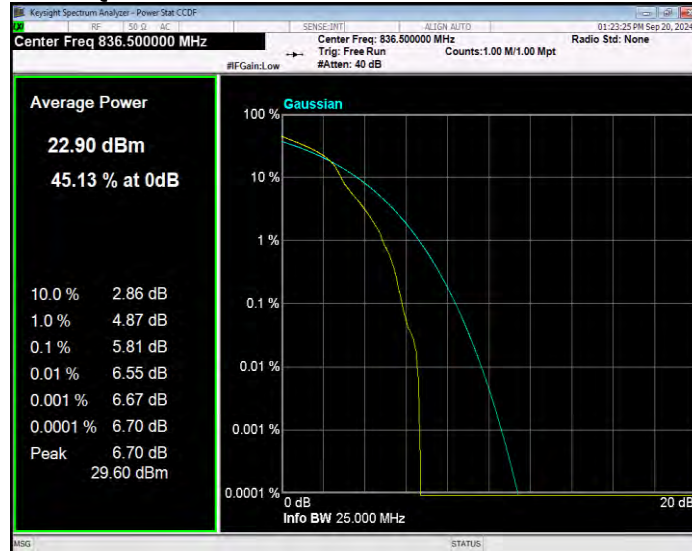
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=1 Position=#0



Band5 16QAM BW=10MHz Channel=20450 RB Size=1 Position=#0



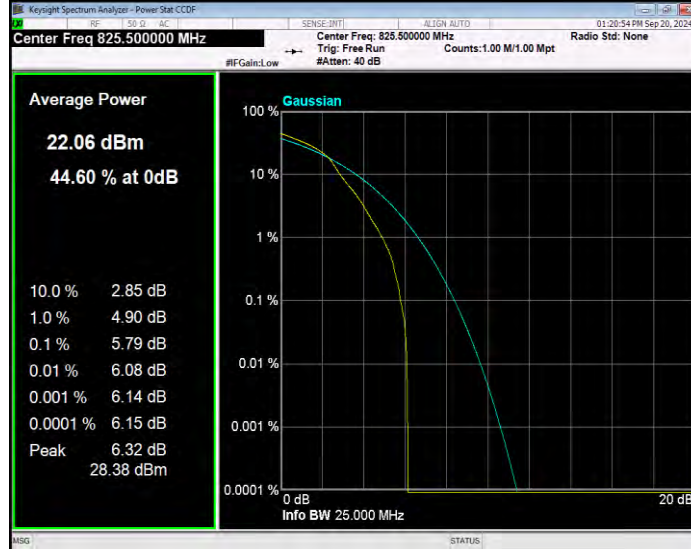
Band5 16QAM BW=10MHz Channel=20525 RB Size=1 Position=#0



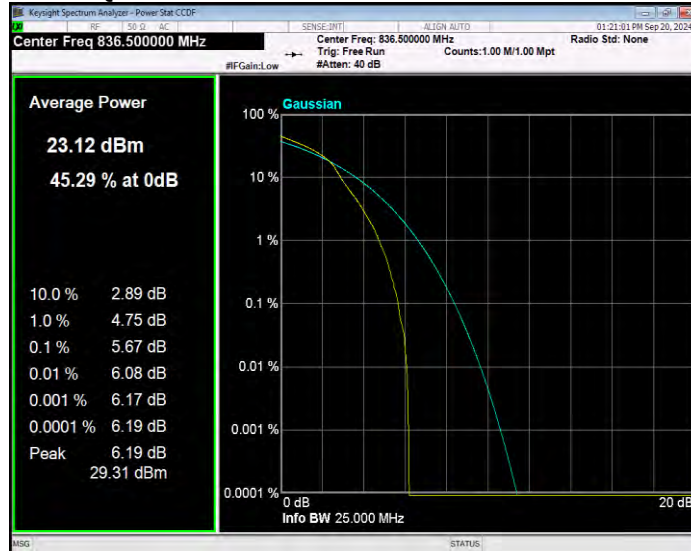
Band5 16QAM BW=10MHz Channel=20600 RB Size=1 Position=#0



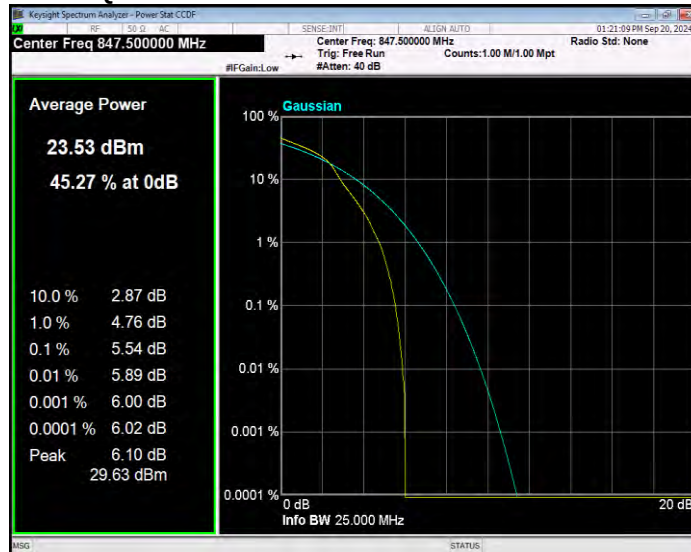
Band5 16QAM BW=3MHz Channel=20415 RB Size=1 Position=#0



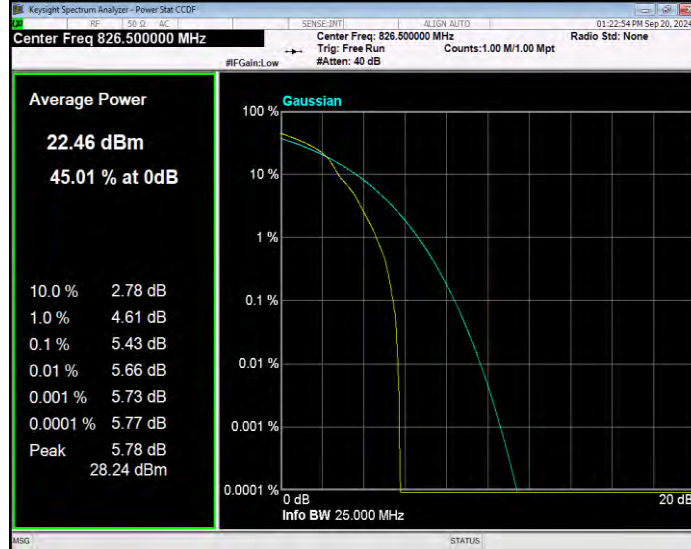
Band5 16QAM BW=3MHz Channel=20525 RB Size=1 Position=#0



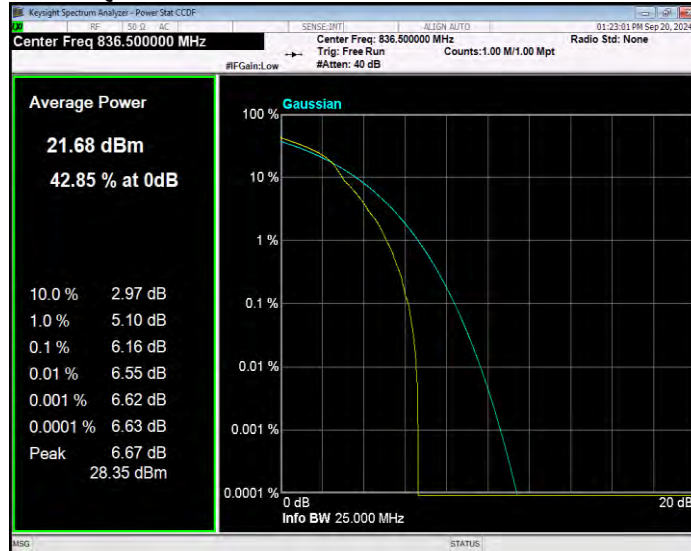
Band5 16QAM BW=3MHz Channel=20635 RB Size=1 Position=#0



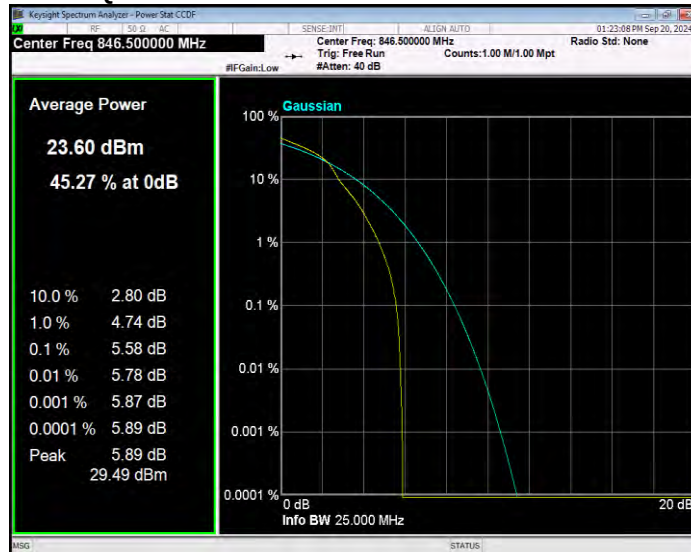
Band5 16QAM BW=5MHz Channel=20425 RB Size=1 Position=#0



Band5 16QAM BW=5MHz Channel=20525 RB Size=1 Position=#0



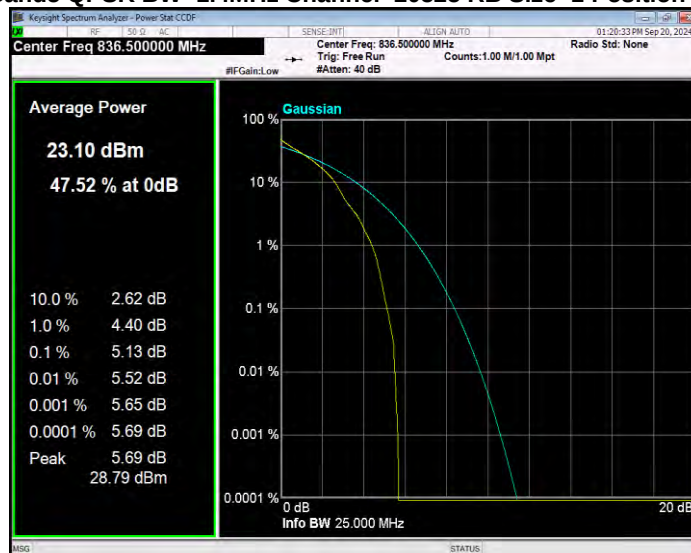
Band5 16QAM BW=5MHz Channel=20625 RB Size=1 Position=#0



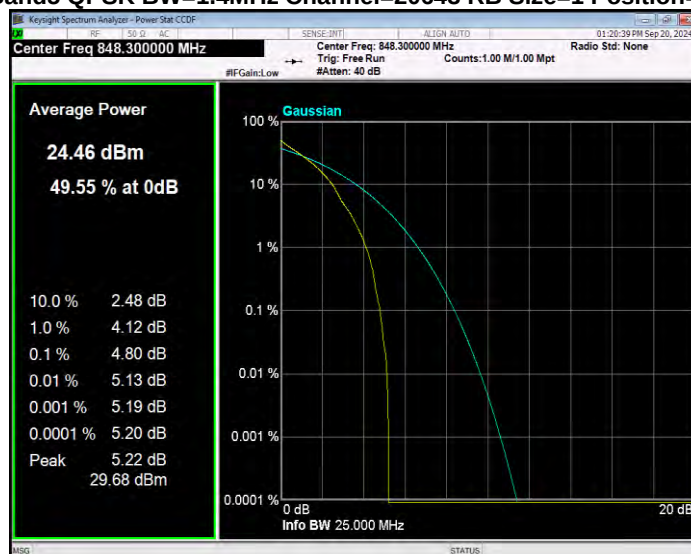
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#0



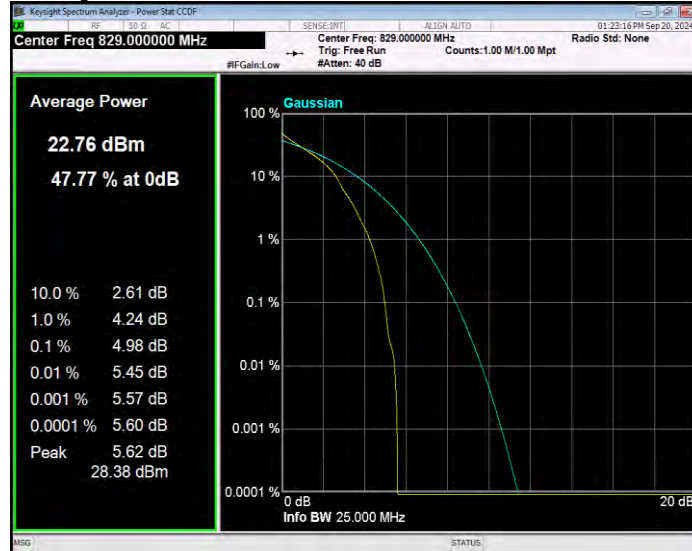
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=1 Position=#0



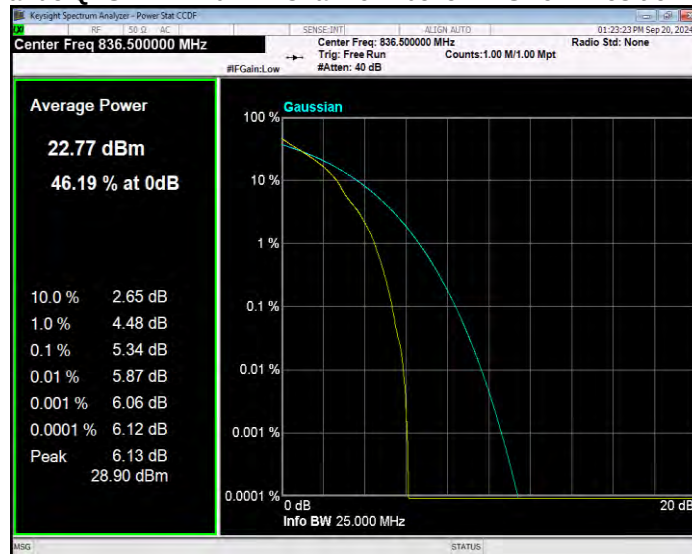
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=1 Position=#0



Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#0



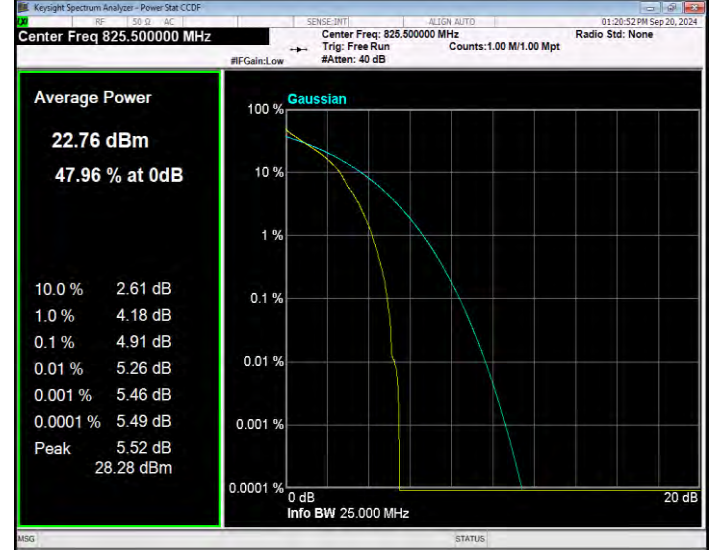
Band5 QPSK BW=10MHz Channel=20525 RB Size=1 Position=#0



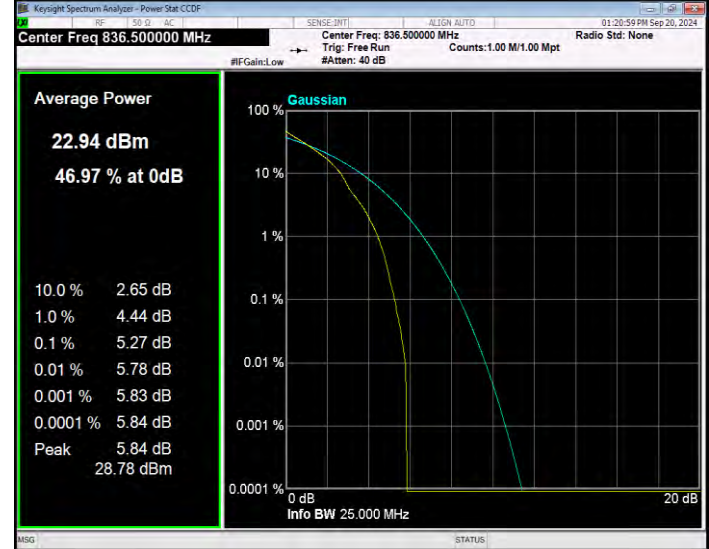
Band5 QPSK BW=10MHz Channel=20600 RB Size=1 Position=#0



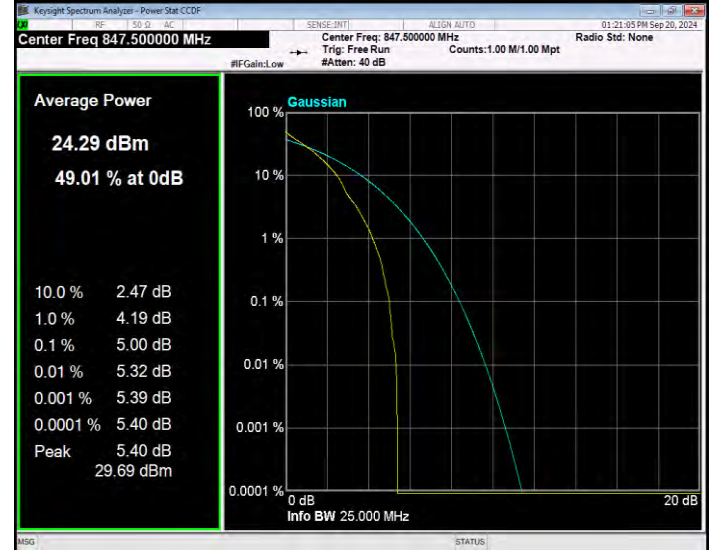
Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#0



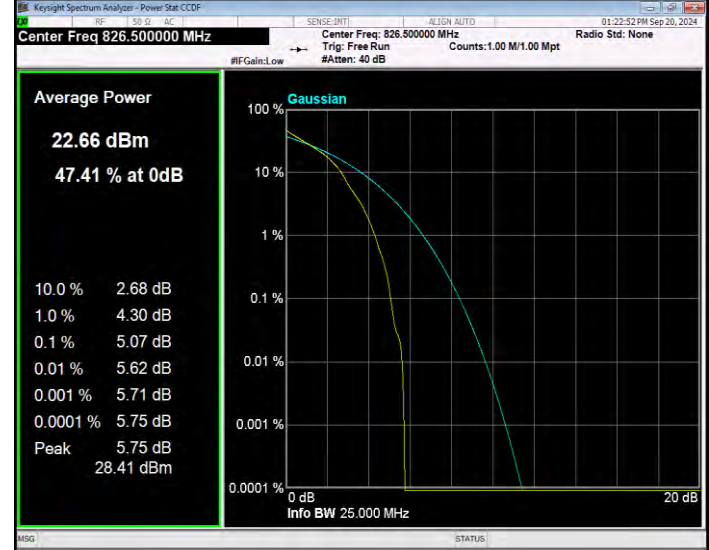
Band5 QPSK BW=3MHz Channel=20525 RB Size=1 Position=#0



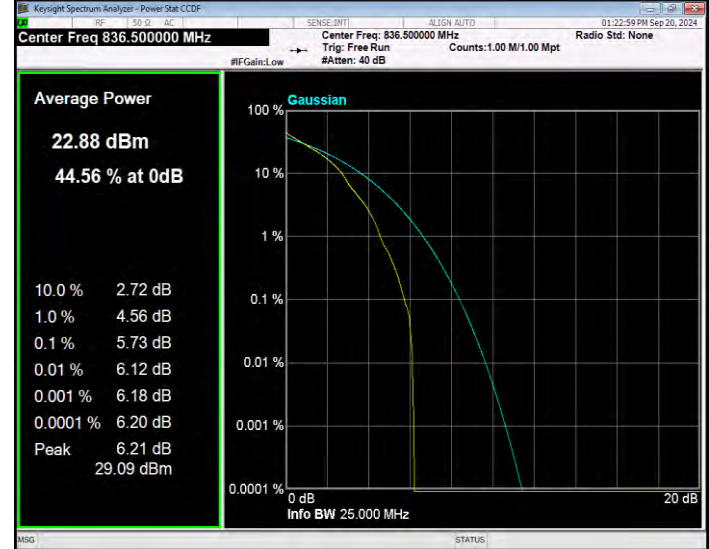
Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#0



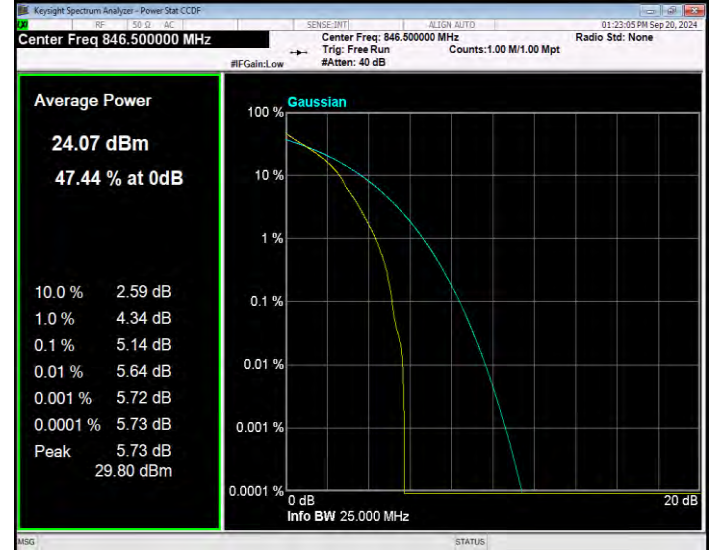
Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#0



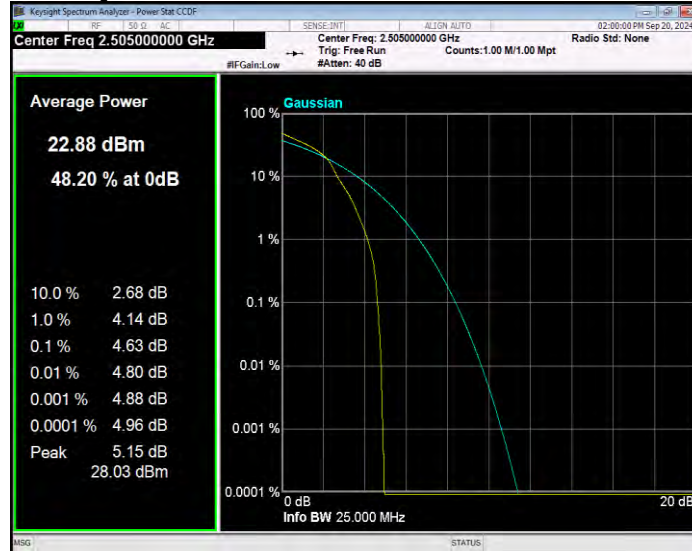
Band5 QPSK BW=5MHz Channel=20525 RB Size=1 Position=#0



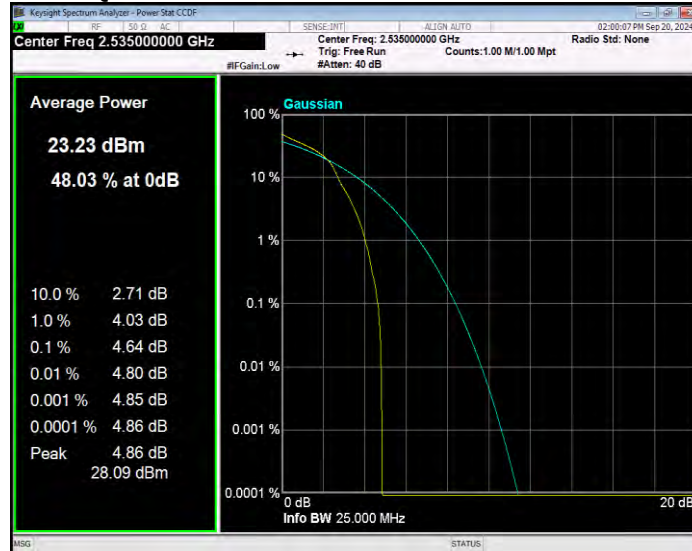
Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#0



Band7 16QAM BW=10MHz Channel=20800 RB Size=1 Position=#0



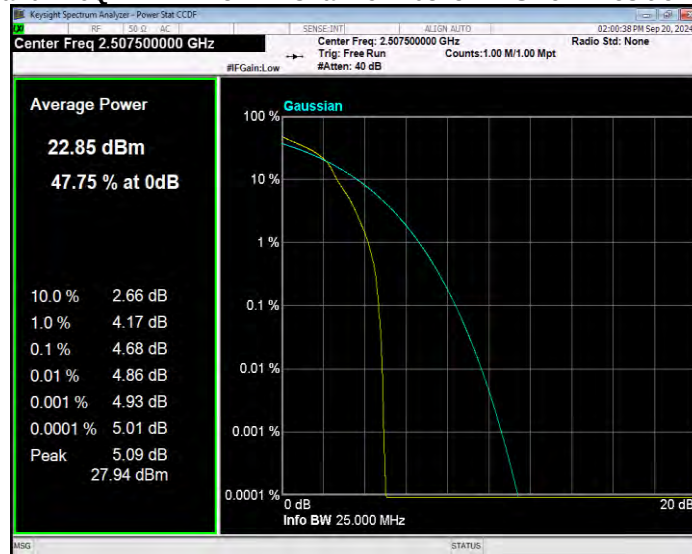
Band7 16QAM BW=10MHz Channel=21100 RB Size=1 Position=#0



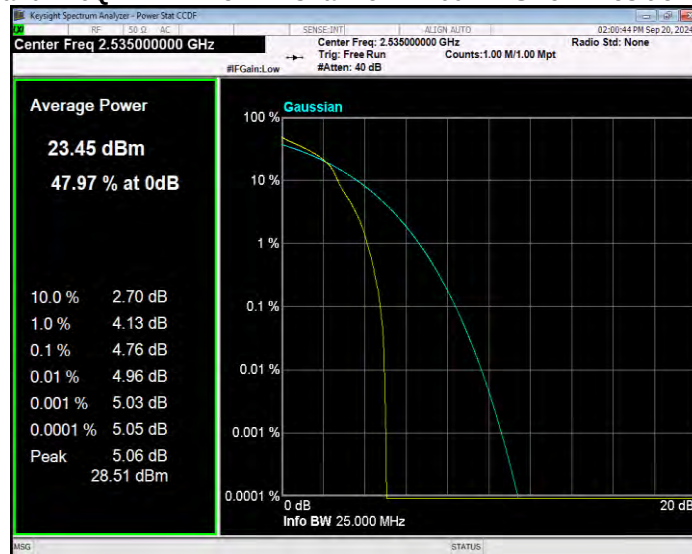
Band7 16QAM BW=10MHz Channel=21400 RB Size=1 Position=#0



Band7 16QAM BW=15MHz Channel=20825 RB Size=1 Position=#0



Band7 16QAM BW=15MHz Channel=21100 RB Size=1 Position=#0



Band7 16QAM BW=15MHz Channel=21375 RB Size=1 Position=#0

