

LTE Band 25 (QPSK) / 1882.5MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	7.58	0.004	2.5ppm	PASS
40		-7.69	-0.004		
30		7.85	0.004		
20		-16.79	-0.009		
10		7.44	0.004		
0		7.72	0.004		
-10		7.44	0.004		
-20		-7.33	-0.004		
-30		-7.66	-0.004		
20	Maximum Voltage	3.76	0.002	2.5ppm	PASS
20	BEP	-10.95	-0.006		

LTE Band 25 (16QAM) / 1882.5MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-22.41	-0.012	2.5ppm	PASS
40		-22.27	-0.012		
30		22.22	0.012		
20		-46.33	-0.025		
10		-22.05	-0.012		
0		22.41	0.012		
-10		22.53	0.012		
-20		-22.35	-0.012		
-30		22.55	0.012		
20	Maximum Voltage	-33.09	-0.018	2.5ppm	PASS
20	BEP	-33.95	-0.018		

LTE Band 26 (QPSK) / 819MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-0.02	0.000	2.5ppm	PASS
40		-0.36	0.000		
30		-0.54	-0.001		
20		-2.16	-0.003		
10		0.16	0.000		
0		-0.19	0.000		
-10		0.51	0.001		
-20		-0.55	-0.001		
-30		0.23	0.000		
20	Maximum Voltage	0.16	0.000		
20	BEP	0.03	0.000		

LTE Band 26 (16QAM) / 819MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-1.32	-0.002	2.5ppm	PASS
40		-1.29	-0.002		
30		-1.38	-0.002		
20		0.97	0.001		
10		1.25	0.002		
0		-1.56	-0.002		
-10		1.09	0.001		
-20		1.50	0.002		
-30		1.52	0.002		
20	Maximum Voltage	2.03	0.002		
20	BEP	1.93	0.002		

LTE Band 26 (QPSK) / 836.5MHz / BW15M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-3.96	-0.005	2.5ppm	PASS
40		-3.64	-0.004		
30		3.94	0.005		
20		-9.50	-0.011		
10		-4.12	-0.005		
0		4.22	0.005		
-10		-4.22	-0.005		
-20		-3.83	-0.005		
-30		3.74	0.004		
20	Maximum Voltage	1.85	0.002		
20	BEP	-5.58	-0.007		

LTE Band 26 (16QAM) / 836.5MHz / BW15M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	4.51	0.005	2.5ppm	PASS
40		4.18	0.005		
30		4.06	0.005		
20		-10.10	-0.012		
10		-4.09	-0.005		
0		-4.34	-0.005		
-10		4.21	0.005		
-20		4.22	0.005		
-30		-4.10	-0.005		
20	Maximum Voltage	2.13	0.003		
20	BEP	2.00	0.002		

LTE Band 41 (QPSK) / 2593MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	5.92	0.002	2.5ppm	PASS
40		-5.97	-0.002		
30		5.56	0.002		
20		9.71	0.004		
10		5.77	0.002		
0		-5.42	-0.002		
-10		-5.51	-0.002		
-20		-5.64	-0.002		
-30		5.73	0.002		
20	Maximum Voltage	-2.91	-0.001	2.5ppm	PASS
20	BEP	-2.78	-0.001		

LTE Band 41 (16QAM) / 2593MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-16.32	-0.006	2.5ppm	PASS
40		-16.52	-0.006		
30		-16.41	-0.006		
20		31.33	0.012		
10		-16.43	-0.006		
0		16.63	0.006		
-10		-16.49	-0.006		
-20		16.29	0.006		
-30		-16.35	-0.006		
20	Maximum Voltage	-8.24	-0.003	2.5ppm	PASS
20	BEP	24.77	0.010		

LTE Band 66 (QPSK) / 1745MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	6.85	0.004	2.5ppm	PASS
40		6.80	0.004		
30		-6.63	-0.004		
20		11.66	0.007		
10		6.43	0.004		
0		-6.84	-0.004		
-10		6.46	0.004		
-20		-6.56	-0.004		
-30		6.63	0.004		
20	Maximum Voltage	-3.23	-0.002		
20	BEP	10.32	0.006		

LTE Band 66 (16QAM) / 1745MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-3.82	-0.002	2.5ppm	PASS
40		-4.29	-0.002		
30		-3.91	-0.002		
20		6.39	0.004		
10		4.20	0.002		
0		-3.84	-0.002		
-10		4.05	0.002		
-20		-3.79	-0.002		
-30		-3.94	-0.002		
20	Maximum Voltage	5.78	0.003		
20	BEP	-1.99	-0.001		

LTE Band 71 (QPSK) / 680.5MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-0.83	-0.001	2.5ppm	PASS
40		1.30	0.002		
30		-1.36	-0.002		
20		-3.81	-0.006		
10		1.33	0.002		
0		-0.80	-0.001		
-10		0.82	0.001		
-20		-1.36	-0.002		
-30		-0.94	-0.001		
20	Maximum Voltage	0.57	0.001	2.5ppm	PASS
20	BEP	-2.01	-0.003		

LTE Band 71 (16QAM) / 680.5MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	2.75	0.004	2.5ppm	PASS
40		-2.95	-0.004		
30		2.77	0.004		
20		-7.17	-0.011		
10		-2.50	-0.004		
0		-2.53	-0.004		
-10		-2.83	-0.004		
-20		2.48	0.004		
-30		2.97	0.004		
20	Maximum Voltage	-4.10	-0.006	2.5ppm	PASS
20	BEP	-4.35	-0.006		

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	5.69	13	PASS
Band2	1.4	18607	1	#0	16QAM	6.23	13	PASS
Band2	1.4	18900	1	#0	QPSK	5.87	13	PASS
Band2	1.4	18900	1	#0	16QAM	6.68	13	PASS
Band2	1.4	19193	1	#0	QPSK	5.16	13	PASS
Band2	1.4	19193	1	#0	16QAM	6.01	13	PASS
Band2	3	18615	1	#0	QPSK	5.48	13	PASS
Band2	3	18615	1	#0	16QAM	6.41	13	PASS
Band2	3	18900	1	#0	QPSK	5.82	13	PASS
Band2	3	18900	1	#0	16QAM	6.73	13	PASS
Band2	3	19185	1	#0	QPSK	5.26	13	PASS
Band2	3	19185	1	#0	16QAM	6.02	13	PASS
Band2	5	18625	1	#0	QPSK	5.86	13	PASS
Band2	5	18625	1	#0	16QAM	6.30	13	PASS
Band2	5	18900	1	#0	QPSK	5.76	13	PASS
Band2	5	18900	1	#0	16QAM	6.07	13	PASS
Band2	5	19175	1	#0	QPSK	5.66	13	PASS
Band2	5	19175	1	#0	16QAM	6.24	13	PASS
Band2	10	18650	1	#0	QPSK	5.43	13	PASS
Band2	10	18650	1	#0	16QAM	6.43	13	PASS
Band2	10	18900	1	#0	QPSK	5.64	13	PASS
Band2	10	18900	1	#0	16QAM	6.79	13	PASS
Band2	10	19150	1	#0	QPSK	5.40	13	PASS
Band2	10	19150	1	#0	16QAM	6.15	13	PASS
Band2	15	18675	1	#0	QPSK	5.63	13	PASS
Band2	15	18675	1	#0	16QAM	6.16	13	PASS
Band2	15	18900	1	#0	QPSK	5.69	13	PASS
Band2	15	18900	1	#0	16QAM	6.74	13	PASS
Band2	15	19125	1	#0	QPSK	5.87	13	PASS
Band2	15	19125	1	#0	16QAM	6.81	13	PASS
Band2	20	18700	1	#0	QPSK	5.32	13	PASS
Band2	20	18700	1	#0	16QAM	5.94	13	PASS
Band2	20	18900	1	#0	QPSK	5.92	13	PASS
Band2	20	18900	1	#0	16QAM	6.74	13	PASS
Band2	20	19100	1	#0	QPSK	5.61	13	PASS
Band2	20	19100	1	#0	16QAM	6.68	13	PASS
Band4	1.4	19957	1	#0	QPSK	4.33	13	PASS
Band4	1.4	19957	1	#0	16QAM	5.19	13	PASS
Band4	1.4	20175	1	#0	QPSK	4.91	13	PASS
Band4	1.4	20175	1	#0	16QAM	6.05	13	PASS
Band4	1.4	20393	1	#0	QPSK	4.72	13	PASS
Band4	1.4	20393	1	#0	16QAM	5.70	13	PASS
Band4	3	19965	1	#0	QPSK	4.33	13	PASS
Band4	3	19965	1	#0	16QAM	5.30	13	PASS
Band4	3	20175	1	#0	QPSK	4.92	13	PASS
Band4	3	20175	1	#0	16QAM	5.49	13	PASS
Band4	3	20385	1	#0	QPSK	4.36	13	PASS
Band4	3	20385	1	#0	16QAM	5.43	13	PASS
Band4	5	19975	1	#0	QPSK	4.33	13	PASS
Band4	5	19975	1	#0	16QAM	5.16	13	PASS
Band4	5	20175	1	#0	QPSK	5.21	13	PASS
Band4	5	20175	1	#0	16QAM	5.96	13	PASS
Band4	5	20375	1	#0	QPSK	4.05	13	PASS
Band4	5	20375	1	#0	16QAM	5.03	13	PASS
Band4	10	20000	1	#0	QPSK	4.37	13	PASS
Band4	10	20000	1	#0	16QAM	5.36	13	PASS
Band4	10	20175	1	#0	QPSK	4.68	13	PASS
Band4	10	20175	1	#0	16QAM	5.71	13	PASS
Band4	10	20350	1	#0	QPSK	3.32	13	PASS
Band4	10	20350	1	#0	16QAM	4.59	13	PASS
Band4	15	20025	1	#0	QPSK	4.45	13	PASS
Band4	15	20025	1	#0	16QAM	5.17	13	PASS
Band4	15	20175	1	#0	QPSK	4.64	13	PASS
Band4	15	20175	1	#0	16QAM	5.72	13	PASS
Band4	15	20325	1	#0	QPSK	3.84	13	PASS
Band4	15	20325	1	#0	16QAM	4.69	13	PASS
Band4	20	20050	1	#0	QPSK	4.39	13	PASS
Band4	20	20050	1	#0	16QAM	5.24	13	PASS
Band4	20	20175	1	#0	QPSK	4.83	13	PASS
Band4	20	20175	1	#0	16QAM	5.86	13	PASS
Band4	20	20300	1	#0	QPSK	4.86	13	PASS
Band4	20	20300	1	#0	16QAM	5.93	13	PASS
Band5	1.4	20407	1	#0	QPSK	5.63	13	PASS
Band5	1.4	20407	1	#0	16QAM	5.99	13	PASS
Band5	1.4	20525	1	#0	QPSK	5.23	13	PASS
Band5	1.4	20525	1	#0	16QAM	5.85	13	PASS
Band5	1.4	20643	1	#0	QPSK	5.01	13	PASS
Band5	1.4	20643	1	#0	16QAM	5.89	13	PASS
Band5	3	20415	1	#0	QPSK	5.34	13	PASS
Band5	3	20415	1	#0	16QAM	6.44	13	PASS
Band5	3	20525	1	#0	QPSK	4.99	13	PASS
Band5	3	20525	1	#0	16QAM	5.53	13	PASS
Band5	3	20635	1	#0	QPSK	4.68	13	PASS
Band5	3	20635	1	#0	16QAM	5.39	13	PASS
Band5	5	20425	1	#0	QPSK	5.88	13	PASS
Band5	5	20425	1	#0	16QAM	6.35	13	PASS
Band5	5	20525	1	#0	QPSK	4.82	13	PASS
Band5	5	20525	1	#0	16QAM	5.44	13	PASS
Band5	5	20625	1	#0	QPSK	4.35	13	PASS
Band5	5	20625	1	#0	16QAM	5.27	13	PASS
Band5	10	20450	1	#0	QPSK	5.14	13	PASS
Band5	10	20450	1	#0	16QAM	5.90	13	PASS

Band5	10	20525	1	#0	QPSK	5.32	13	PASS
Band5	10	20525	1	#0	16QAM	6.09	13	PASS
Band5	10	20600	1	#0	QPSK	5.58	13	PASS
Band5	10	20600	1	#0	16QAM	6.52	13	PASS
Band12	1.4	23017	1	#0	QPSK	5.53	13	PASS
Band12	1.4	23017	1	#0	16QAM	6.34	13	PASS
Band12	1.4	23095	1	#0	QPSK	5.67	13	PASS
Band12	1.4	23095	1	#0	16QAM	6.72	13	PASS
Band12	1.4	23173	1	#0	QPSK	4.96	13	PASS
Band12	1.4	23173	1	#0	16QAM	5.79	13	PASS
Band12	3	23025	1	#0	QPSK	5.49	13	PASS
Band12	3	23025	1	#0	16QAM	6.64	13	PASS
Band12	3	23095	1	#0	QPSK	5.75	13	PASS
Band12	3	23095	1	#0	16QAM	6.38	13	PASS
Band12	3	23165	1	#0	QPSK	5.42	13	PASS
Band12	3	23165	1	#0	16QAM	6.09	13	PASS
Band12	5	23035	1	#0	QPSK	5.87	13	PASS
Band12	5	23035	1	#0	16QAM	6.48	13	PASS
Band12	5	23095	1	#0	QPSK	5.59	13	PASS
Band12	5	23095	1	#0	16QAM	6.15	13	PASS
Band12	5	23155	1	#0	QPSK	6.05	13	PASS
Band12	5	23155	1	#0	16QAM	6.80	13	PASS
Band12	10	23060	1	#0	QPSK	5.56	13	PASS
Band12	10	23060	1	#0	16QAM	6.61	13	PASS
Band12	10	23095	1	#0	QPSK	6.01	13	PASS
Band12	10	23095	1	#0	16QAM	6.75	13	PASS
Band12	10	23130	1	#0	QPSK	5.50	13	PASS
Band12	10	23130	1	#0	16QAM	6.12	13	PASS
Band17	5	23755	1	#0	QPSK	6.17	13	PASS
Band17	5	23755	1	#0	16QAM	6.60	13	PASS
Band17	5	23790	1	#0	QPSK	5.72	13	PASS
Band17	5	23790	1	#0	16QAM	6.24	13	PASS
Band17	5	23825	1	#0	QPSK	6.06	13	PASS
Band17	5	23825	1	#0	16QAM	6.78	13	PASS
Band17	10	23780	1	#0	QPSK	5.57	13	PASS
Band17	10	23780	1	#0	16QAM	6.85	13	PASS
Band17	10	23790	1	#0	QPSK	5.60	13	PASS
Band17	10	23790	1	#0	16QAM	6.62	13	PASS
Band17	10	23800	1	#0	QPSK	5.54	13	PASS
Band17	10	23800	1	#0	16QAM	6.20	13	PASS
Band25	1.4	26047	1	#0	QPSK	5.44	13	PASS
Band25	1.4	26047	1	#0	16QAM	6.28	13	PASS
Band25	1.4	26365	1	#0	QPSK	5.80	13	PASS
Band25	1.4	26365	1	#0	16QAM	6.56	13	PASS
Band25	1.4	26683	1	#0	QPSK	4.91	13	PASS
Band25	1.4	26683	1	#0	16QAM	5.73	13	PASS
Band25	3	26055	1	#0	QPSK	5.20	13	PASS
Band25	3	26055	1	#0	16QAM	6.35	13	PASS
Band25	3	26365	1	#0	QPSK	5.73	13	PASS
Band25	3	26365	1	#0	16QAM	6.65	13	PASS
Band25	3	26675	1	#0	QPSK	4.85	13	PASS
Band25	3	26675	1	#0	16QAM	5.49	13	PASS
Band25	5	26065	1	#0	QPSK	5.78	13	PASS
Band25	5	26065	1	#0	16QAM	6.27	13	PASS
Band25	5	26365	1	#0	QPSK	5.61	13	PASS
Band25	5	26365	1	#0	16QAM	6.05	13	PASS
Band25	5	26665	1	#0	QPSK	5.22	13	PASS
Band25	5	26665	1	#0	16QAM	6.04	13	PASS
Band25	10	26090	1	#0	QPSK	5.35	13	PASS
Band25	10	26090	1	#0	16QAM	6.31	13	PASS
Band25	10	26365	1	#0	QPSK	5.61	13	PASS
Band25	10	26365	1	#0	16QAM	6.67	13	PASS
Band25	10	26640	1	#0	QPSK	5.21	13	PASS
Band25	10	26640	1	#0	16QAM	5.98	13	PASS
Band25	15	26115	1	#0	QPSK	5.33	13	PASS
Band25	15	26115	1	#0	16QAM	6.28	13	PASS
Band25	15	26365	1	#0	QPSK	5.71	13	PASS
Band25	15	26365	1	#0	16QAM	6.63	13	PASS
Band25	15	26615	1	#0	QPSK	5.59	13	PASS
Band25	15	26615	1	#0	16QAM	6.22	13	PASS
Band25	20	26140	1	#0	QPSK	5.22	13	PASS
Band25	20	26140	1	#0	16QAM	5.84	13	PASS
Band25	20	26365	1	#0	QPSK	5.58	13	PASS
Band25	20	26365	1	#0	16QAM	6.55	13	PASS
Band25	20	26590	1	#0	QPSK	5.99	13	PASS
Band25	20	26590	1	#0	16QAM	7.08	13	PASS
Band26(814-824)	1.4	26697	1	#0	QPSK	4.62	13	PASS
Band26(814-824)	1.4	26697	1	#0	16QAM	5.31	13	PASS
Band26(814-824)	1.4	26740	1	#0	QPSK	5.49	13	PASS
Band26(814-824)	1.4	26740	1	#0	16QAM	6.46	13	PASS
Band26(814-824)	1.4	26783	1	#0	QPSK	5.03	13	PASS
Band26(814-824)	1.4	26783	1	#0	16QAM	5.80	13	PASS
Band26(814-824)	3	26705	1	#0	QPSK	4.62	13	PASS
Band26(814-824)	3	26705	1	#0	16QAM	5.43	13	PASS
Band26(814-824)	3	26740	1	#0	QPSK	5.60	13	PASS
Band26(814-824)	3	26740	1	#0	16QAM	6.41	13	PASS
Band26(814-824)	3	26775	1	#0	QPSK	5.17	13	PASS
Band26(814-824)	3	26775	1	#0	16QAM	5.83	13	PASS
Band26(814-824)	5	26715	1	#0	QPSK	4.74	13	PASS
Band26(814-824)	5	26715	1	#0	16QAM	5.58	13	PASS
Band26(814-824)	5	26740	1	#0	QPSK	5.36	13	PASS
Band26(814-824)	5	26740	1	#0	16QAM	6.01	13	PASS
Band26(814-824)	5	26765	1	#0	QPSK	5.62	13	PASS
Band26(814-824)	5	26765	1	#0	16QAM	6.33	13	PASS

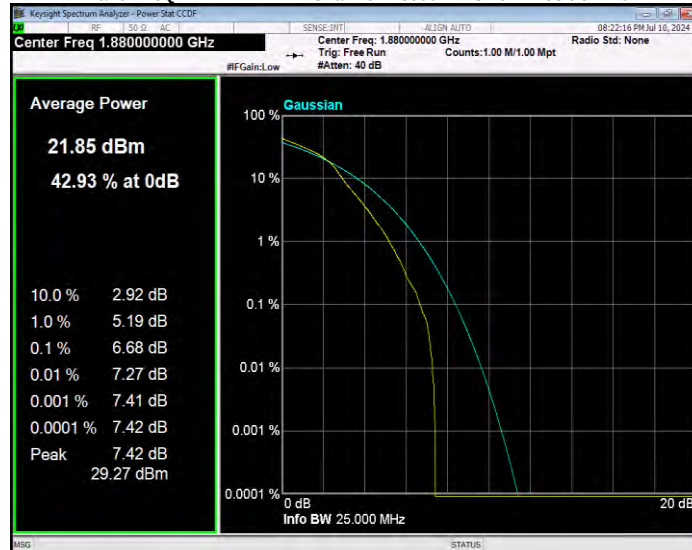
Band26(814-824)	10	26740	1	#0	QPSK	4.64	13	PASS
Band26(814-824)	10	26740	1	#0	16QAM	5.86	13	PASS
Band26(824-849)	1.4	26797	1	#0	QPSK	5.52	13	PASS
Band26(824-849)	1.4	26797	1	#0	16QAM	6.04	13	PASS
Band26(824-849)	1.4	26915	1	#0	QPSK	5.21	13	PASS
Band26(824-849)	1.4	26915	1	#0	16QAM	6.19	13	PASS
Band26(824-849)	1.4	27033	1	#0	QPSK	4.96	13	PASS
Band26(824-849)	1.4	27033	1	#0	16QAM	5.86	13	PASS
Band26(824-849)	3	26805	1	#0	QPSK	5.58	13	PASS
Band26(824-849)	3	26805	1	#0	16QAM	6.41	13	PASS
Band26(824-849)	3	26915	1	#0	QPSK	5.04	13	PASS
Band26(824-849)	3	26915	1	#0	16QAM	5.47	13	PASS
Band26(824-849)	3	27025	1	#0	QPSK	4.59	13	PASS
Band26(824-849)	3	27025	1	#0	16QAM	5.45	13	PASS
Band26(824-849)	5	26815	1	#0	QPSK	5.54	13	PASS
Band26(824-849)	5	26815	1	#0	16QAM	6.23	13	PASS
Band26(824-849)	5	26915	1	#0	QPSK	4.74	13	PASS
Band26(824-849)	5	26915	1	#0	16QAM	5.48	13	PASS
Band26(824-849)	5	27015	1	#0	QPSK	4.33	13	PASS
Band26(824-849)	5	27015	1	#0	16QAM	5.18	13	PASS
Band26(824-849)	10	26840	1	#0	QPSK	5.50	13	PASS
Band26(824-849)	10	26840	1	#0	16QAM	6.33	13	PASS
Band26(824-849)	10	26915	1	#0	QPSK	5.05	13	PASS
Band26(824-849)	10	26915	1	#0	16QAM	6.17	13	PASS
Band26(824-849)	10	26990	1	#0	QPSK	5.30	13	PASS
Band26(824-849)	10	26990	1	#0	16QAM	6.04	13	PASS
Band26(824-849)	15	26865	1	#0	QPSK	5.53	13	PASS
Band26(824-849)	15	26865	1	#0	16QAM	6.44	13	PASS
Band26(824-849)	15	26915	1	#0	QPSK	5.49	13	PASS
Band26(824-849)	15	26915	1	#0	16QAM	6.47	13	PASS
Band26(824-849)	15	26965	1	#0	QPSK	5.08	13	PASS
Band26(824-849)	15	26965	1	#0	16QAM	5.68	13	PASS
Band41	5	39675	1	#0	QPSK	7.68	13	PASS
Band41	5	39675	1	#0	16QAM	10.61	13	PASS
Band41	5	40620	1	#0	QPSK	8.82	13	PASS
Band41	5	40620	1	#0	16QAM	9.24	13	PASS
Band41	5	41565	1	#0	QPSK	9.53	13	PASS
Band41	5	41565	1	#0	16QAM	9.26	13	PASS
Band41	10	39700	1	#0	QPSK	9.19	13	PASS
Band41	10	39700	1	#0	16QAM	9.46	13	PASS
Band41	10	40620	1	#0	QPSK	8.97	13	PASS
Band41	10	40620	1	#0	16QAM	10.42	13	PASS
Band41	10	41540	1	#0	QPSK	8.99	13	PASS
Band41	10	41540	1	#0	16QAM	10.14	13	PASS
Band41	15	39725	1	#0	QPSK	9.01	13	PASS
Band41	15	39725	1	#0	16QAM	9.23	13	PASS
Band41	15	40620	1	#0	QPSK	7.85	13	PASS
Band41	15	40620	1	#0	16QAM	10.54	13	PASS
Band41	15	41515	1	#0	QPSK	8.74	13	PASS
Band41	15	41515	1	#0	16QAM	9.65	13	PASS
Band41	20	39750	1	#0	QPSK	9.34	13	PASS
Band41	20	39750	1	#0	16QAM	12.69	13	PASS
Band41	20	40620	1	#0	QPSK	8.72	13	PASS
Band41	20	40620	1	#0	16QAM	9.16	13	PASS
Band41	20	41490	1	#0	QPSK	9.23	13	PASS
Band41	20	41490	1	#0	16QAM	9.09	13	PASS
Band66	1.4	131979	1	#0	QPSK	4.39	13	PASS
Band66	1.4	131979	1	#0	16QAM	5.25	13	PASS
Band66	1.4	132322	1	#0	QPSK	3.39	13	PASS
Band66	1.4	132322	1	#0	16QAM	4.16	13	PASS
Band66	1.4	132665	1	#0	QPSK	4.94	13	PASS
Band66	1.4	132665	1	#0	16QAM	5.61	13	PASS
Band66	3	131987	1	#0	QPSK	4.42	13	PASS
Band66	3	131987	1	#0	16QAM	5.36	13	PASS
Band66	3	132322	1	#0	QPSK	3.41	13	PASS
Band66	3	132322	1	#0	16QAM	3.91	13	PASS
Band66	3	132657	1	#0	QPSK	4.85	13	PASS
Band66	3	132657	1	#0	16QAM	5.76	13	PASS
Band66	5	131997	1	#0	QPSK	4.47	13	PASS
Band66	5	131997	1	#0	16QAM	5.57	13	PASS
Band66	5	132322	1	#0	QPSK	3.34	13	PASS
Band66	5	132322	1	#0	16QAM	4.32	13	PASS
Band66	5	132647	1	#0	QPSK	5.15	13	PASS
Band66	5	132647	1	#0	16QAM	6.07	13	PASS
Band66	10	132022	1	#0	QPSK	4.50	13	PASS
Band66	10	132022	1	#0	16QAM	5.31	13	PASS
Band66	10	132322	1	#0	QPSK	3.84	13	PASS
Band66	10	132322	1	#0	16QAM	4.70	13	PASS
Band66	10	132622	1	#0	QPSK	5.51	13	PASS
Band66	10	132622	1	#0	16QAM	6.25	13	PASS
Band66	15	132047	1	#0	QPSK	4.58	13	PASS
Band66	15	132047	1	#0	16QAM	5.44	13	PASS
Band66	15	132322	1	#0	QPSK	4.28	13	PASS
Band66	15	132322	1	#0	16QAM	5.22	13	PASS
Band66	15	132597	1	#0	QPSK	5.58	13	PASS
Band66	15	132597	1	#0	16QAM	6.33	13	PASS
Band66	20	132072	1	#0	QPSK	4.46	13	PASS
Band66	20	132072	1	#0	16QAM	5.35	13	PASS
Band66	20	132322	1	#0	QPSK	4.65	13	PASS
Band66	20	132322	1	#0	16QAM	5.77	13	PASS
Band66	20	132572	1	#0	QPSK	5.04	13	PASS
Band66	20	132572	1	#0	16QAM	5.95	13	PASS
Band71	5	133147	1	#0	QPSK	5.26	13	PASS
Band71	5	133147	1	#0	16QAM	6.24	13	PASS

Band71	5	133297	1	#0	QPSK	5.84	13	PASS
Band71	5	133297	1	#0	16QAM	6.32	13	PASS
Band71	5	133447	1	#0	QPSK	5.79	13	PASS
Band71	5	133447	1	#0	16QAM	6.40	13	PASS
Band71	10	133172	1	#0	QPSK	5.25	13	PASS
Band71	10	133172	1	#0	16QAM	6.28	13	PASS
Band71	10	133297	1	#0	QPSK	6.00	13	PASS
Band71	10	133297	1	#0	16QAM	6.99	13	PASS
Band71	10	133422	1	#0	QPSK	5.70	13	PASS
Band71	10	133422	1	#0	16QAM	6.22	13	PASS
Band71	15	133197	1	#0	QPSK	5.31	13	PASS
Band71	15	133197	1	#0	16QAM	6.29	13	PASS
Band71	15	133297	1	#0	QPSK	5.92	13	PASS
Band71	15	133297	1	#0	16QAM	7.02	13	PASS
Band71	15	133397	1	#0	QPSK	6.09	13	PASS
Band71	15	133397	1	#0	16QAM	6.66	13	PASS
Band71	20	133222	1	#0	QPSK	5.37	13	PASS
Band71	20	133222	1	#0	16QAM	6.13	13	PASS
Band71	20	133297	1	#0	QPSK	5.75	13	PASS
Band71	20	133297	1	#0	16QAM	6.66	13	PASS
Band71	20	133372	1	#0	QPSK	6.14	13	PASS
Band71	20	133372	1	#0	16QAM	7.24	13	PASS

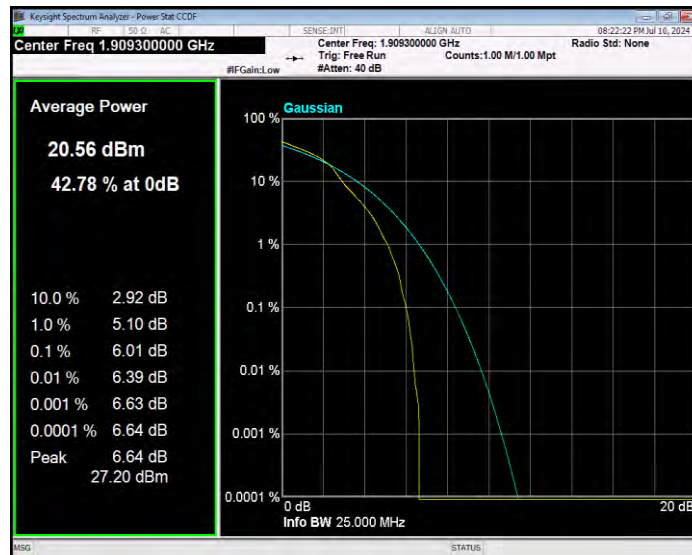
Band2 16QAM BW=1.4MHz Channel=18607 RB Size=1 Position=#0



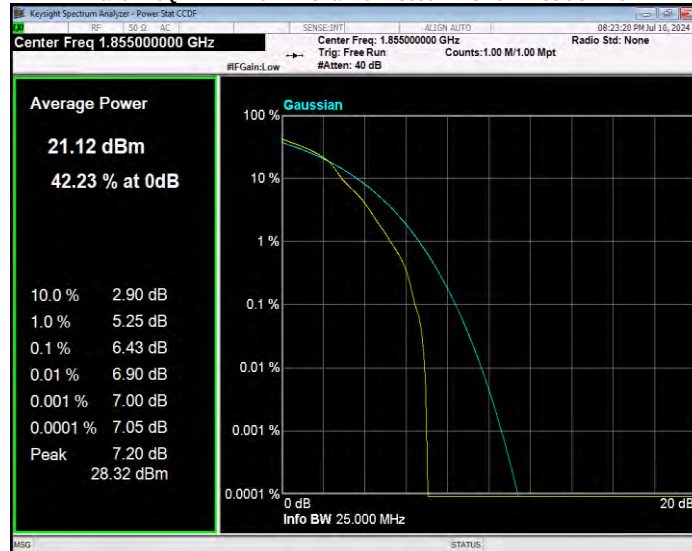
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=1 Position=#0



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



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



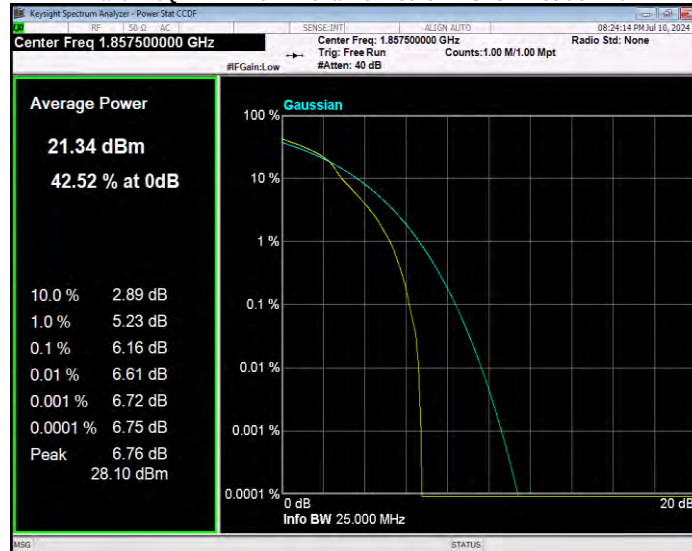
Band2 16QAM BW=10MHz Channel=18900 RB Size=1 Position=#0



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



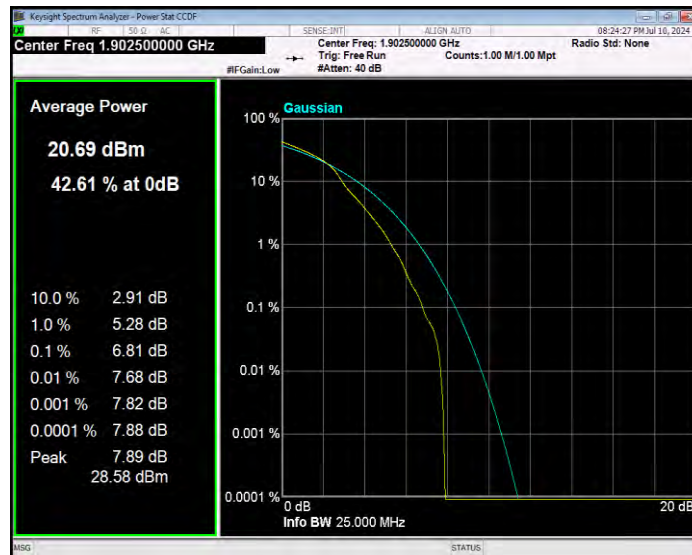
Band2 16QAM BW=15MHz Channel=18675 RB Size=1 Position=#0



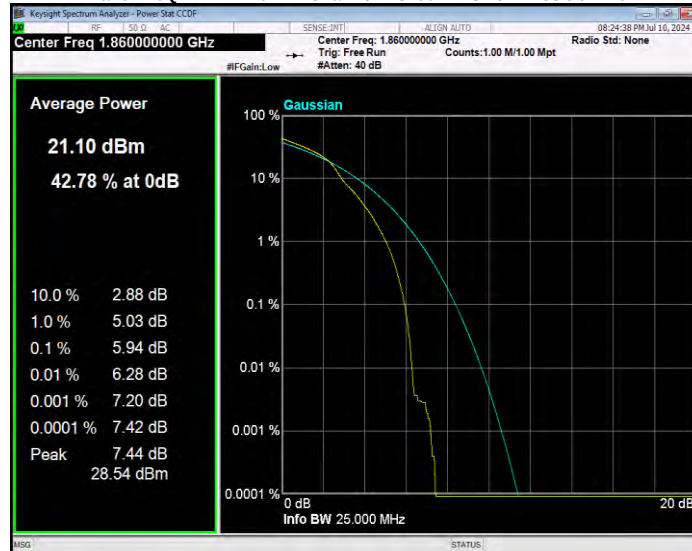
Band2 16QAM BW=15MHz Channel=18900 RB Size=1 Position=#0



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



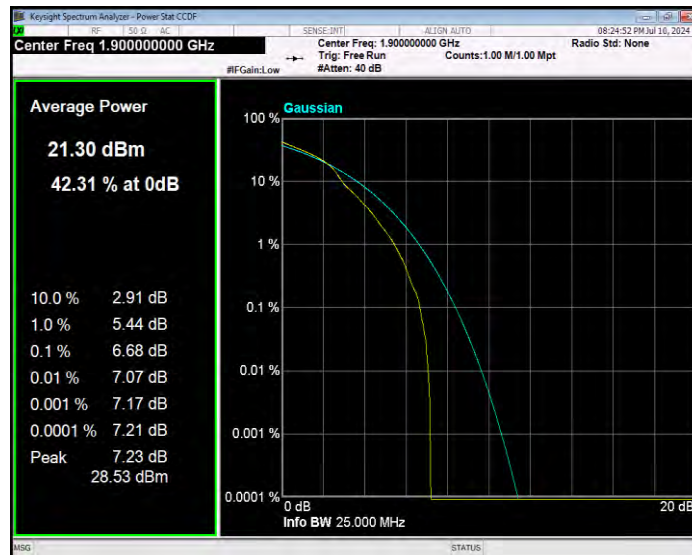
Band2 16QAM BW=20MHz Channel=18700 RB Size=1 Position=#0



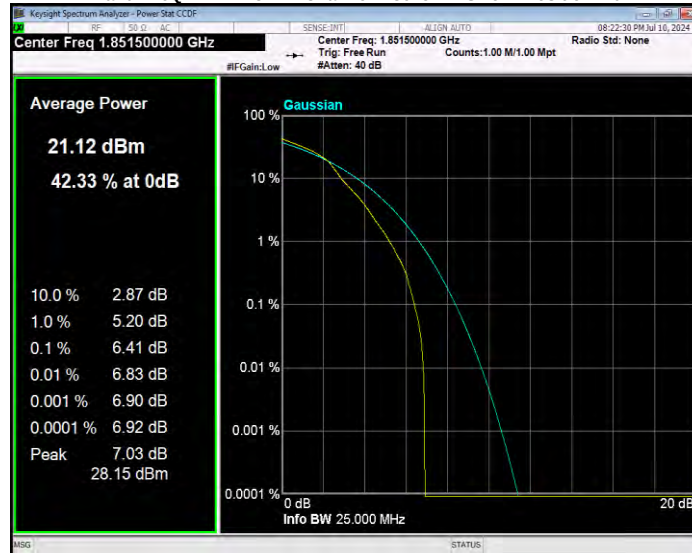
Band2 16QAM BW=20MHz Channel=18900 RB Size=1 Position=#0



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



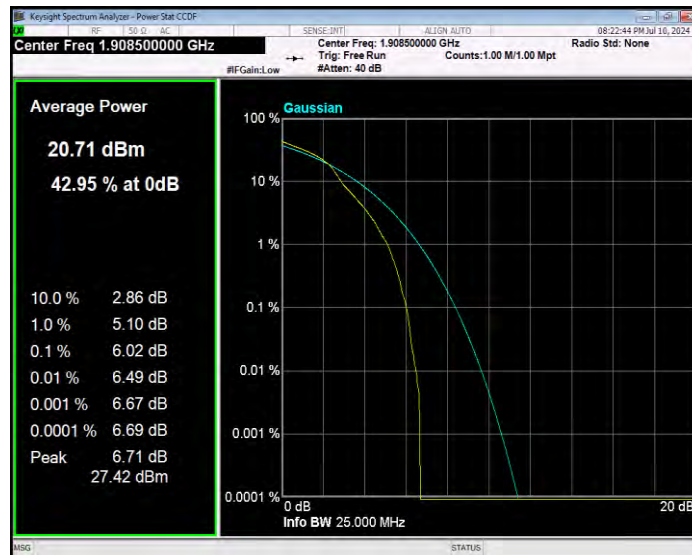
Band2 16QAM BW=3MHz Channel=18615 RB Size=1 Position=#0



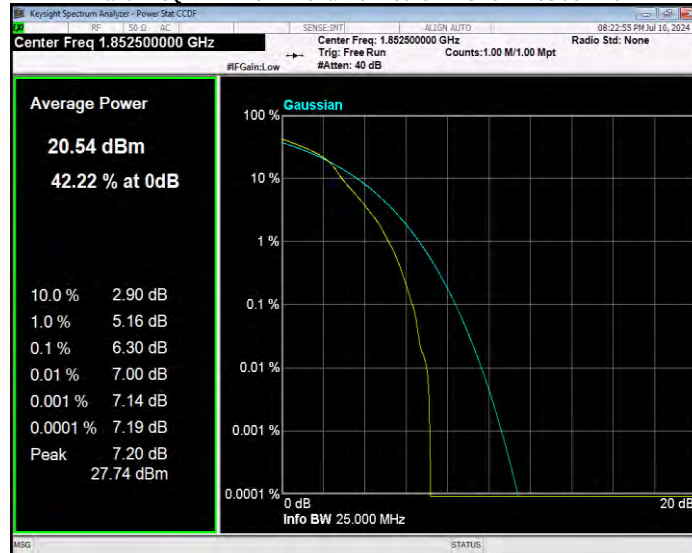
Band2 16QAM BW=3MHz Channel=18900 RB Size=1 Position=#0



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



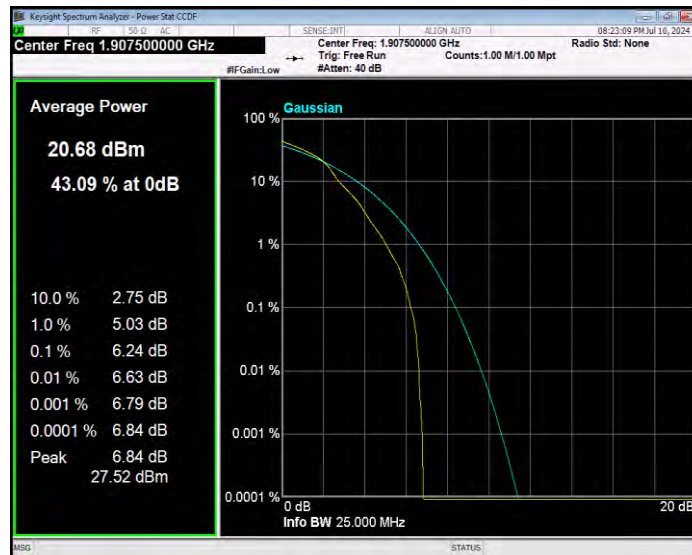
Band2 16QAM BW=5MHz Channel=18625 RB Size=1 Position=#0



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



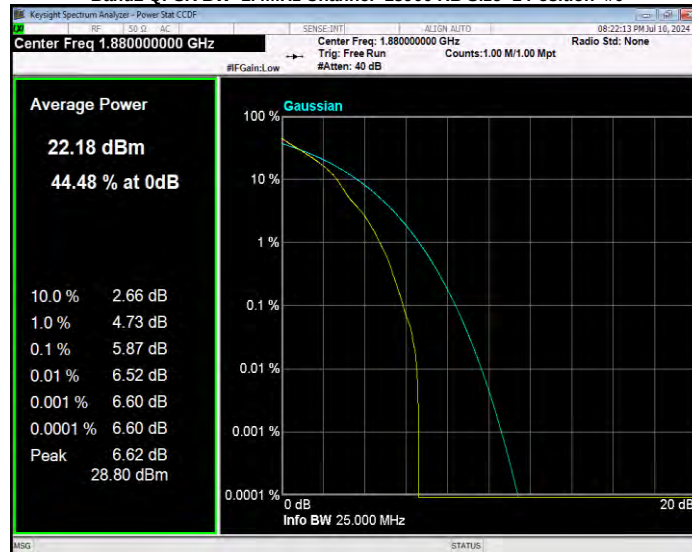
Band2 16QAM BW=5MHz Channel=19175 RB Size=1 Position=#0



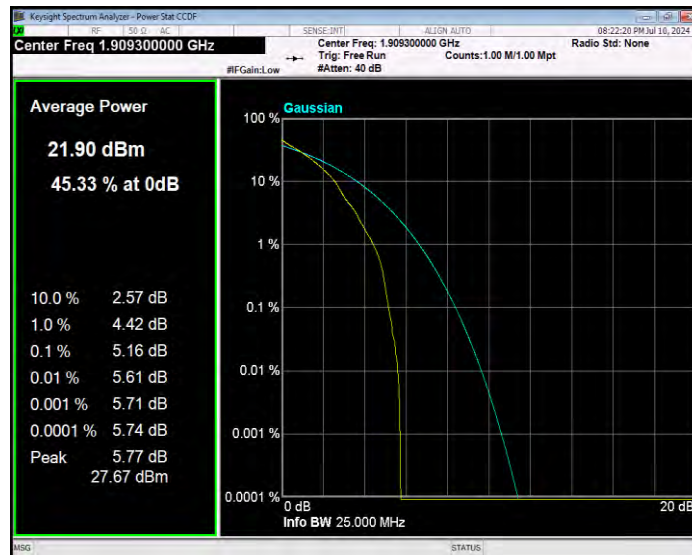
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=1 Position=#0



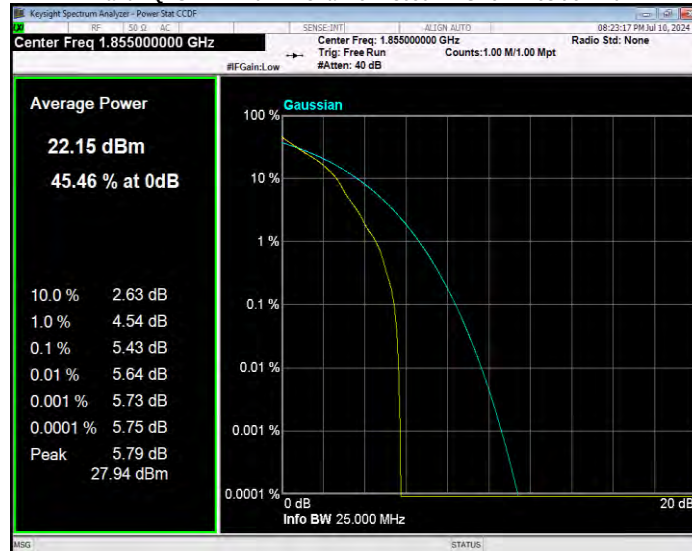
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=1 Position=#0



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



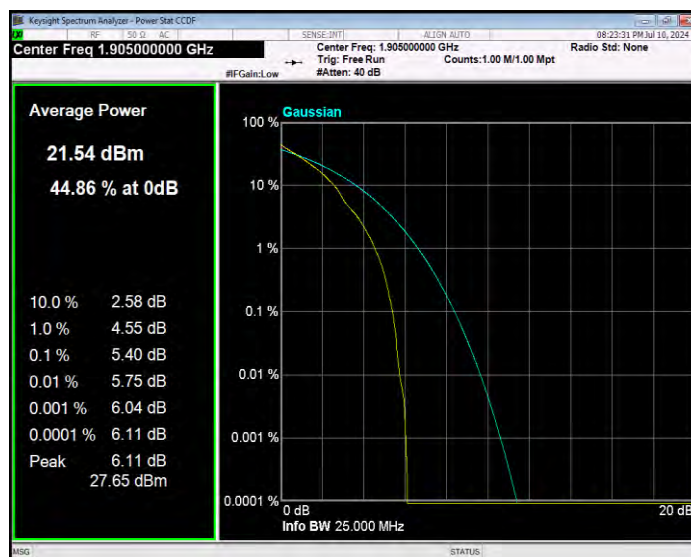
Band2 QPSK BW=10MHz Channel=18650 RB Size=1 Position=#0



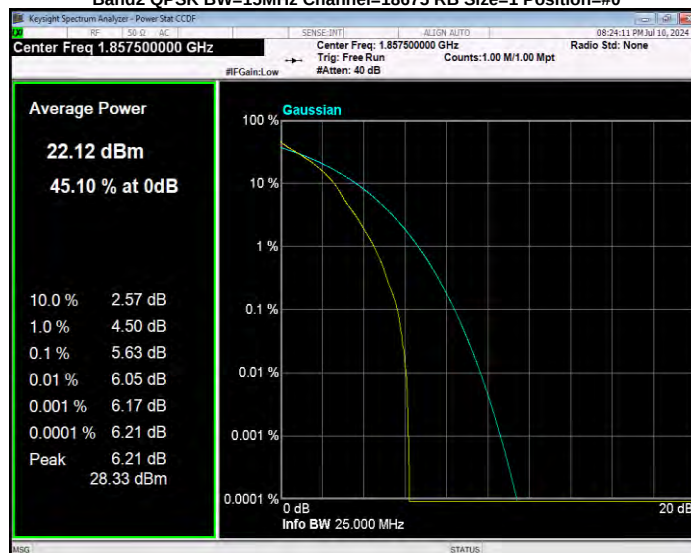
Band2 QPSK BW=10MHz Channel=18900 RB Size=1 Position=#0



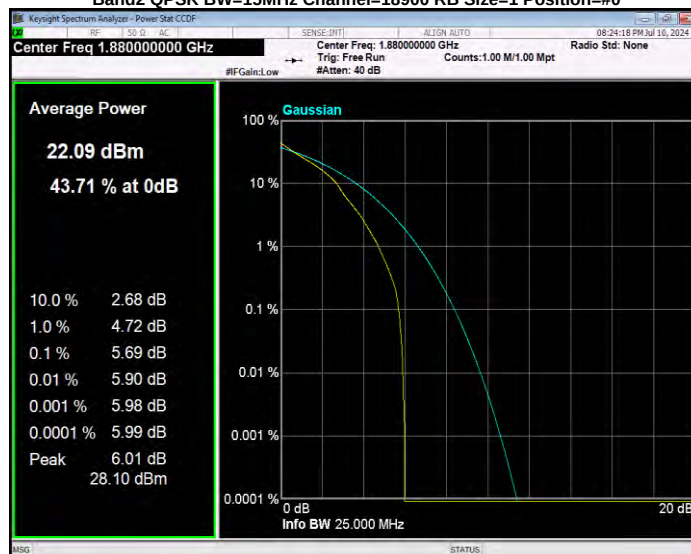
Band2 QPSK BW=10MHz Channel=19150 RB Size=1 Position=#0



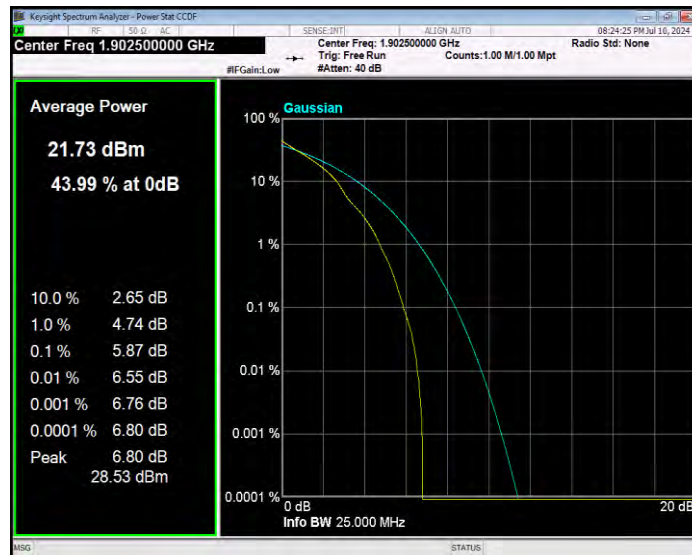
Band2 QPSK BW=15MHz Channel=18675 RB Size=1 Position=#0



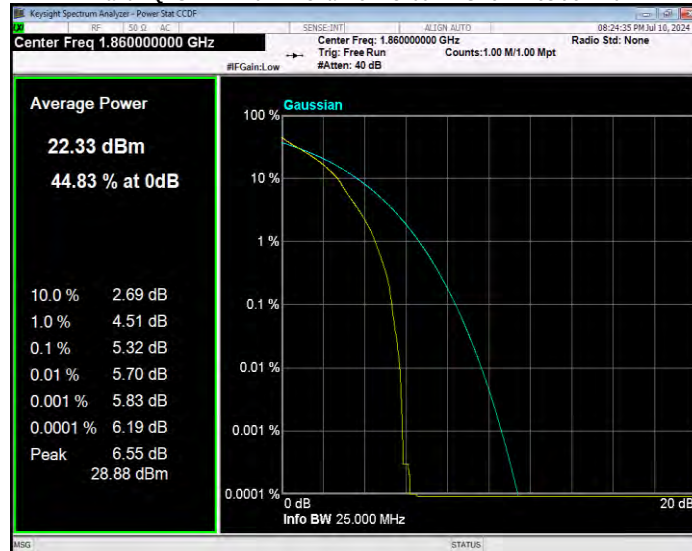
Band2 QPSK BW=15MHz Channel=18900 RB Size=1 Position=#0



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



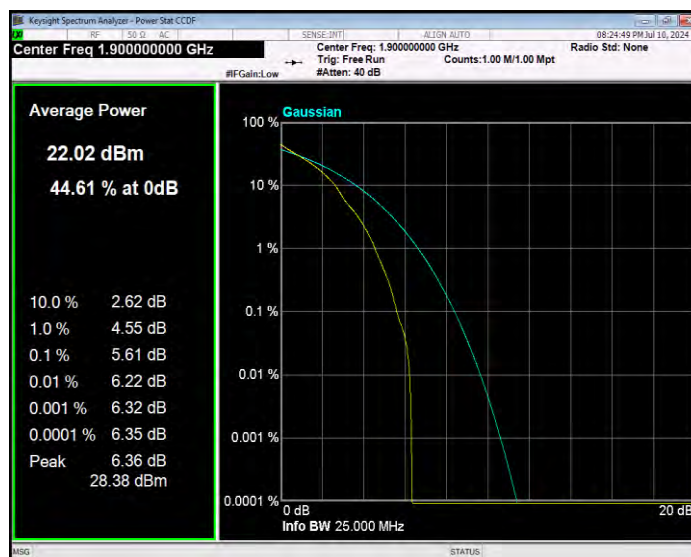
Band2 QPSK BW=20MHz Channel=18700 RB Size=1 Position=#0



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



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



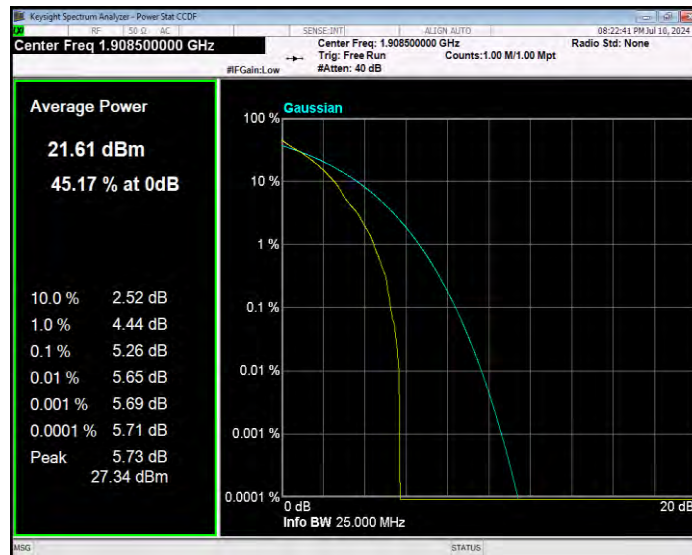
Band2 QPSK BW=3MHz Channel=18615 RB Size=1 Position=#0



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



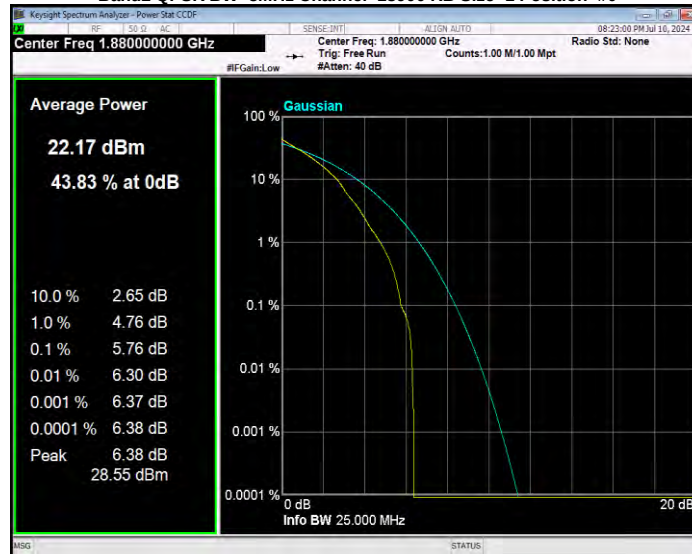
Band2 QPSK BW=3MHz Channel=19185 RB Size=1 Position=#0



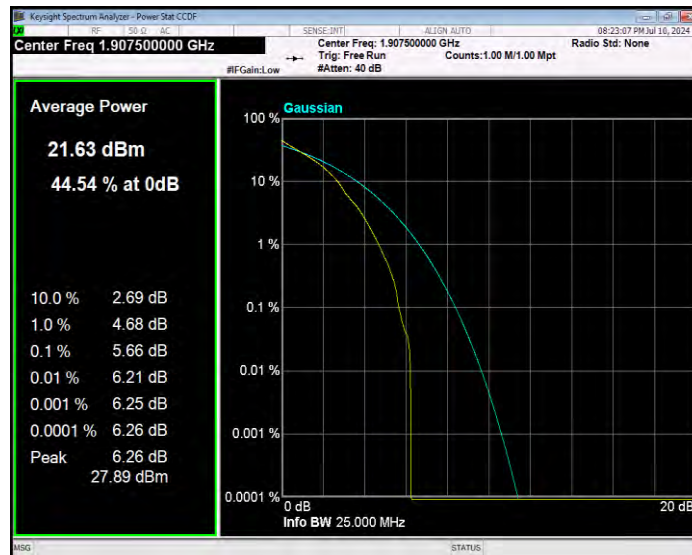
Band2 QPSK BW=5MHz Channel=18625 RB Size=1 Position=#0



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



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



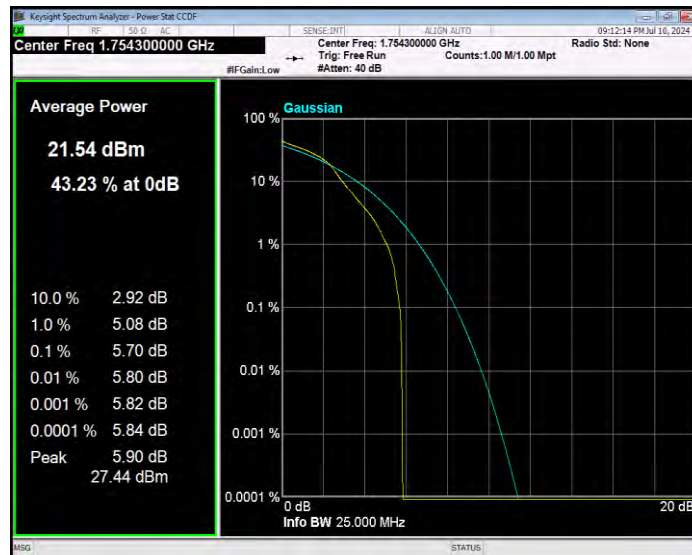
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=1 Position=#0



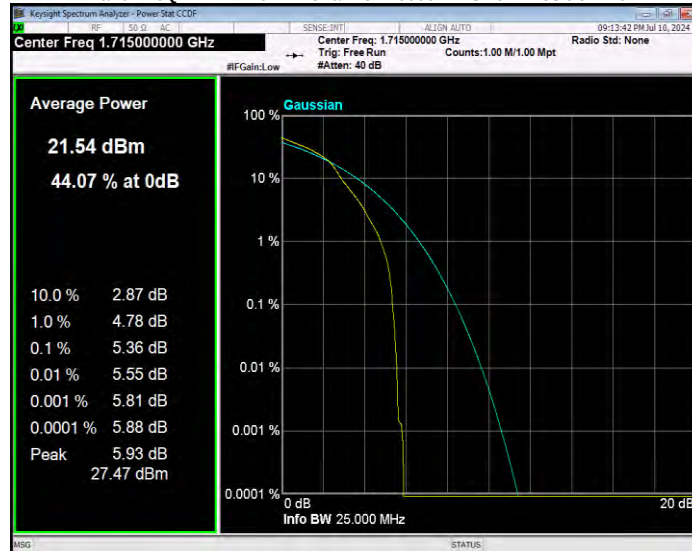
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=1 Position=#0



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



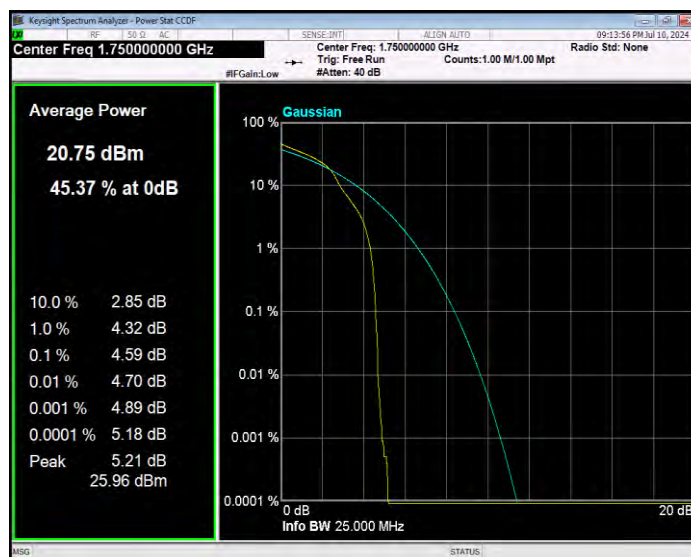
Band4 16QAM BW=10MHz Channel=20000 RB Size=1 Position=#0



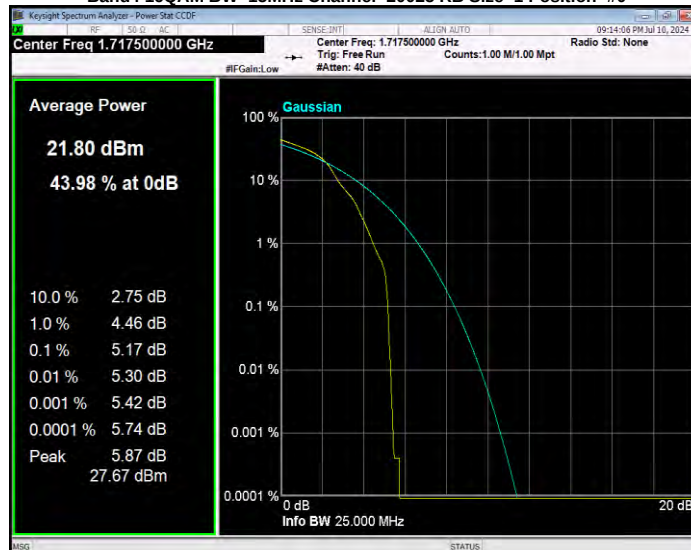
Band4 16QAM BW=10MHz Channel=20175 RB Size=1 Position=#0



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



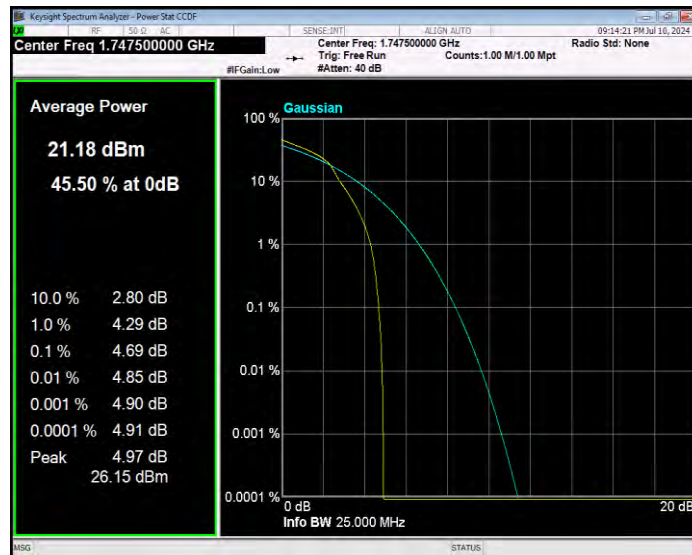
Band4 16QAM BW=15MHz Channel=20025 RB Size=1 Position=#0



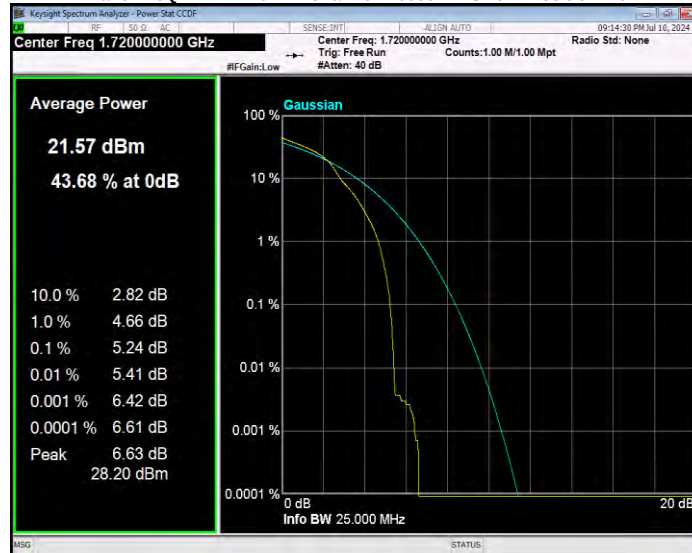
Band4 16QAM BW=15MHz Channel=20175 RB Size=1 Position=#0



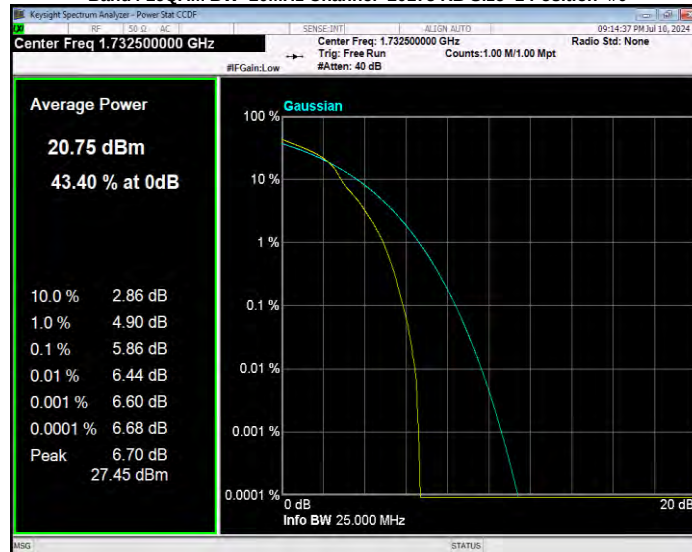
Band4 16QAM BW=15MHz Channel=20325 RB Size=1 Position=#0



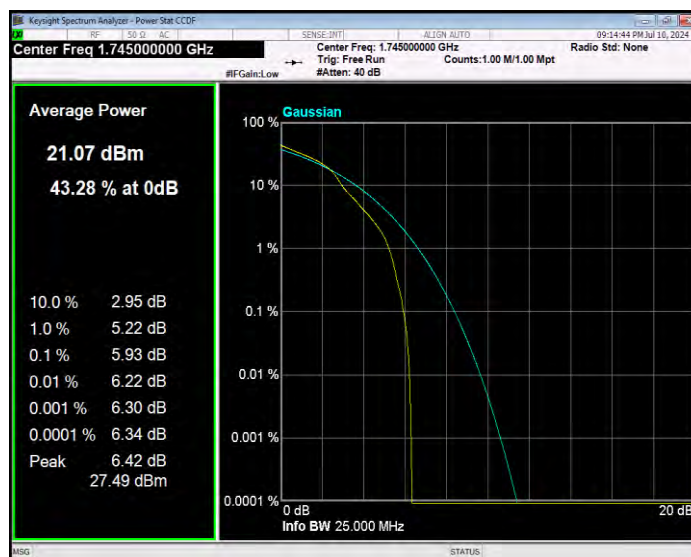
Band4 16QAM BW=20MHz Channel=20050 RB Size=1 Position=#0



Band4 16QAM BW=20MHz Channel=20175 RB Size=1 Position=#0



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



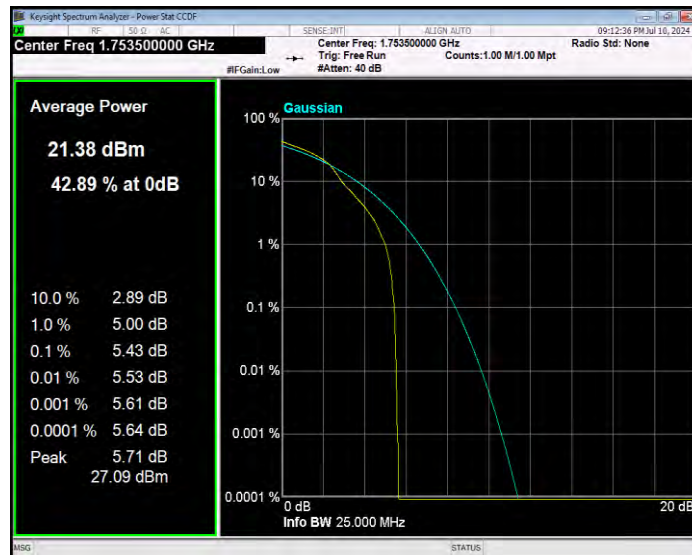
Band4 16QAM BW=3MHz Channel=19965 RB Size=1 Position=#0



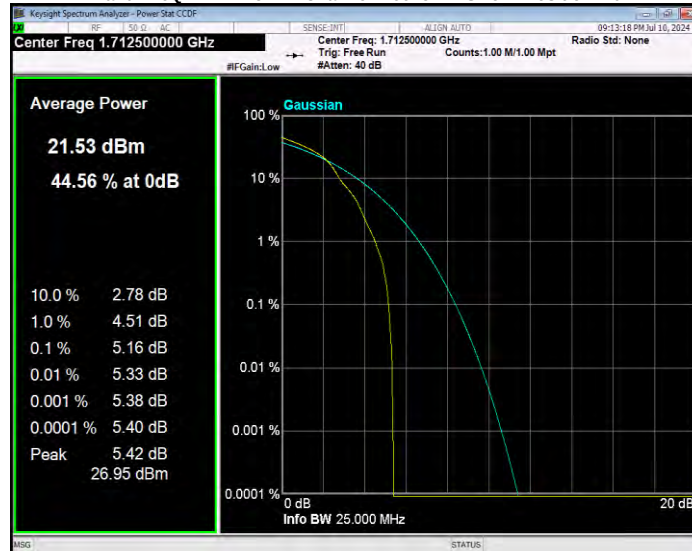
Band4 16QAM BW=3MHz Channel=20175 RB Size=1 Position=#0



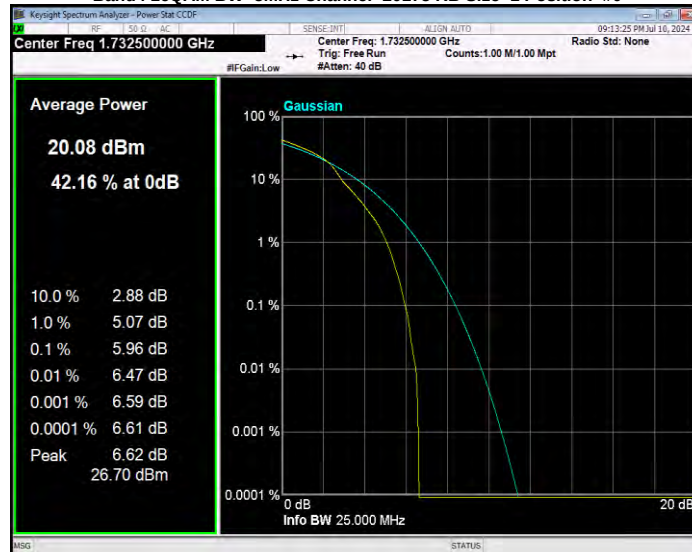
Band4 16QAM BW=3MHz Channel=20385 RB Size=1 Position=#0



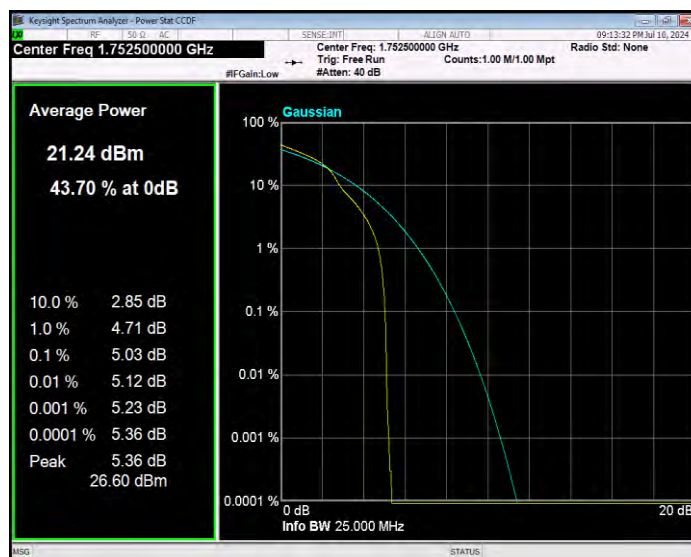
Band4 16QAM BW=5MHz Channel=19975 RB Size=1 Position=#0



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



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



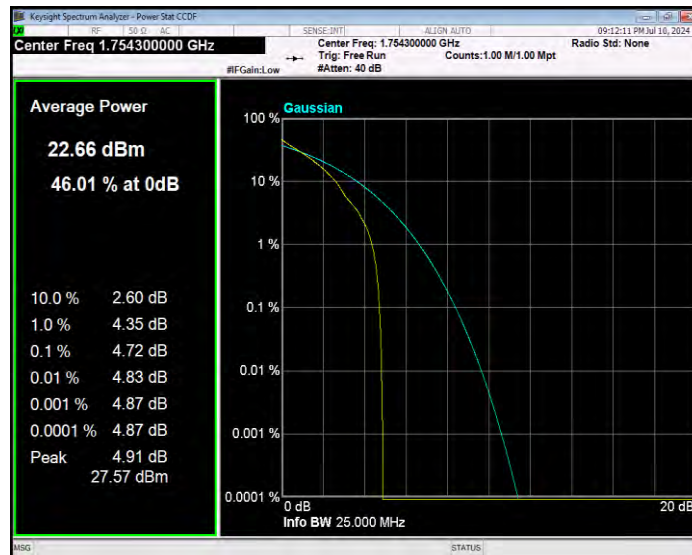
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=1 Position=#0



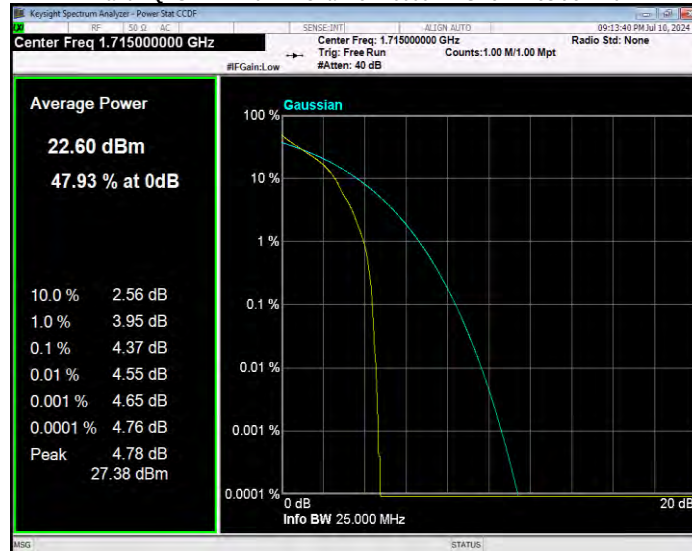
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0



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



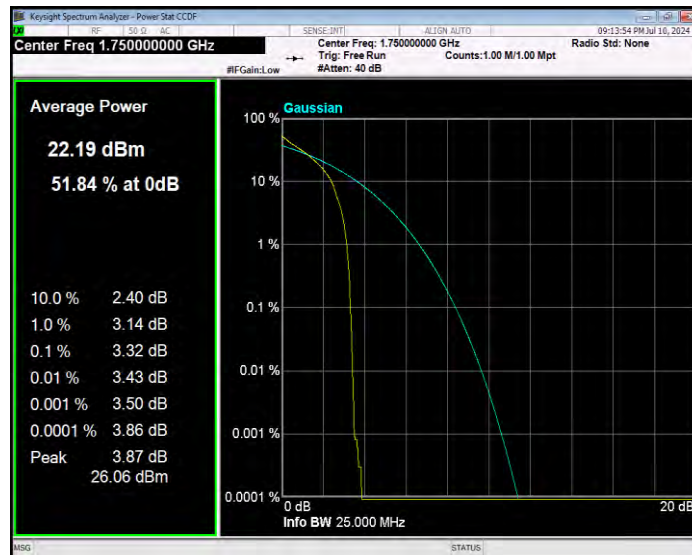
Band4 QPSK BW=10MHz Channel=20000 RB Size=1 Position=#0



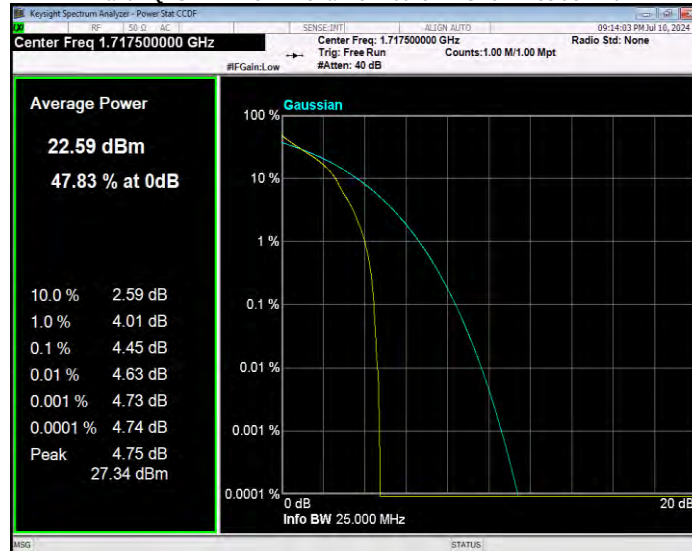
Band4 QPSK BW=10MHz Channel=20175 RB Size=1 Position=#0



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



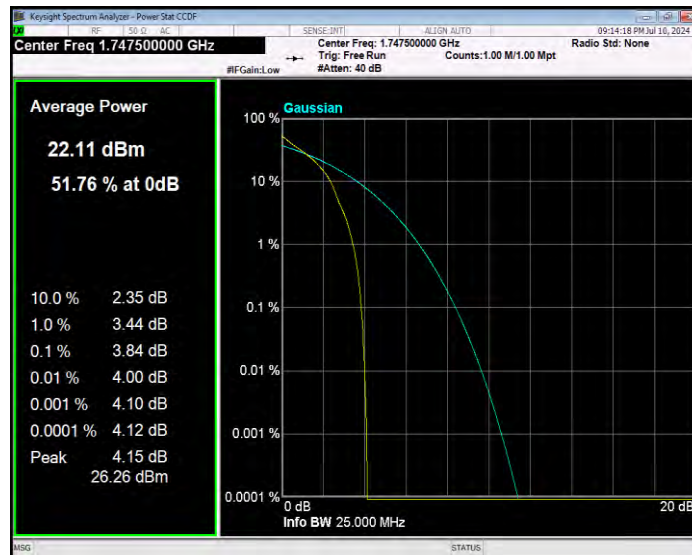
Band4 QPSK BW=15MHz Channel=20025 RB Size=1 Position=#0



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



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



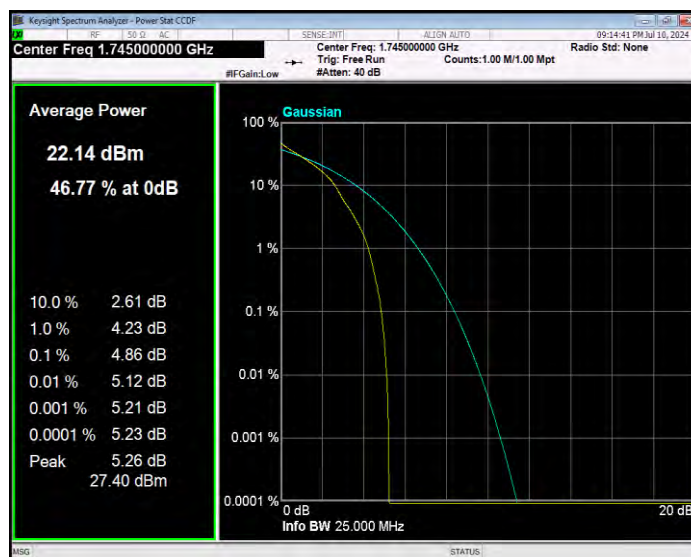
Band4 QPSK BW=20MHz Channel=20050 RB Size=1 Position=#0



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



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



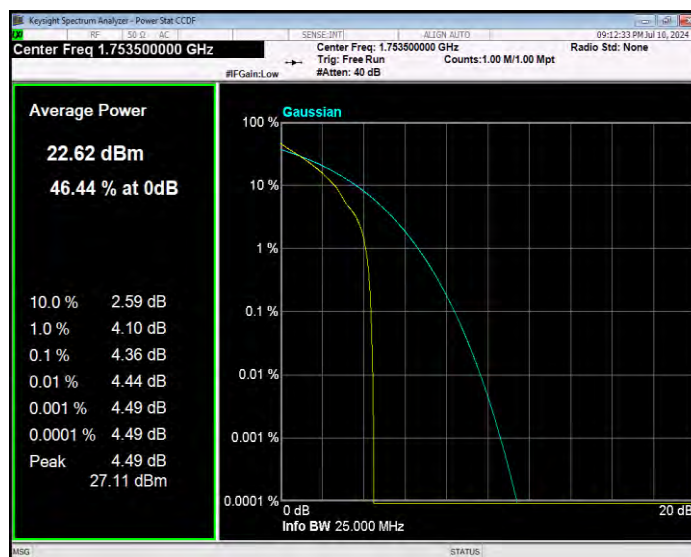
Band4 QPSK BW=3MHz Channel=19965 RB Size=1 Position=#0



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



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



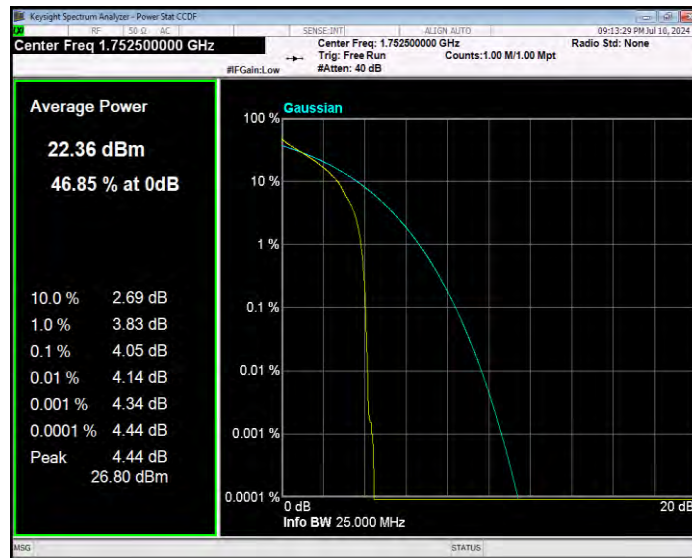
Band4 QPSK BW=5MHz Channel=19975 RB Size=1 Position=#0



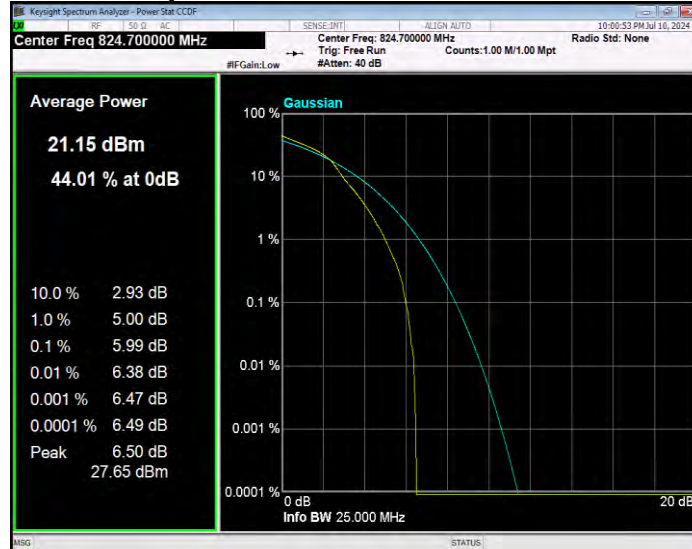
Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0



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



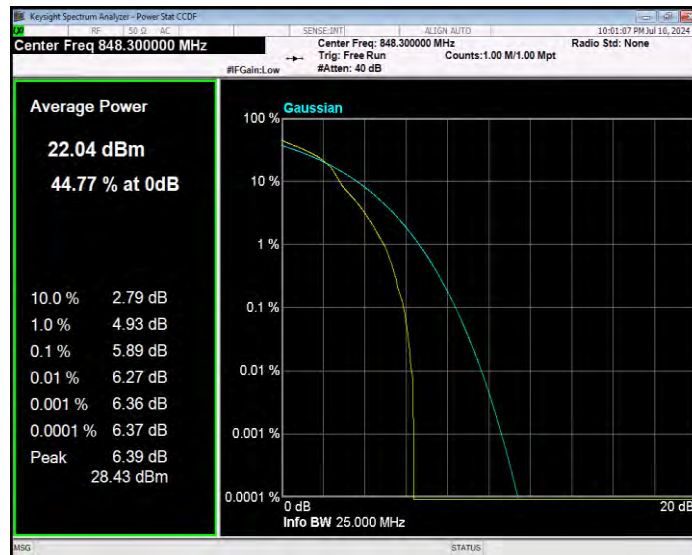
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=1 Position=#0



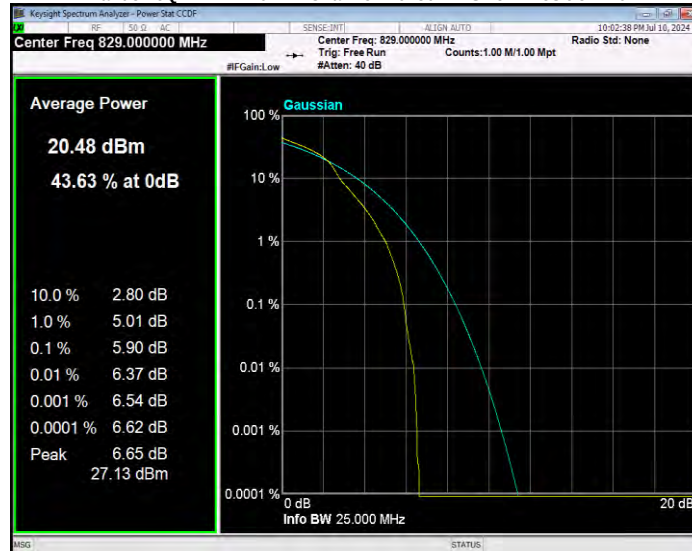
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=1 Position=#0



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



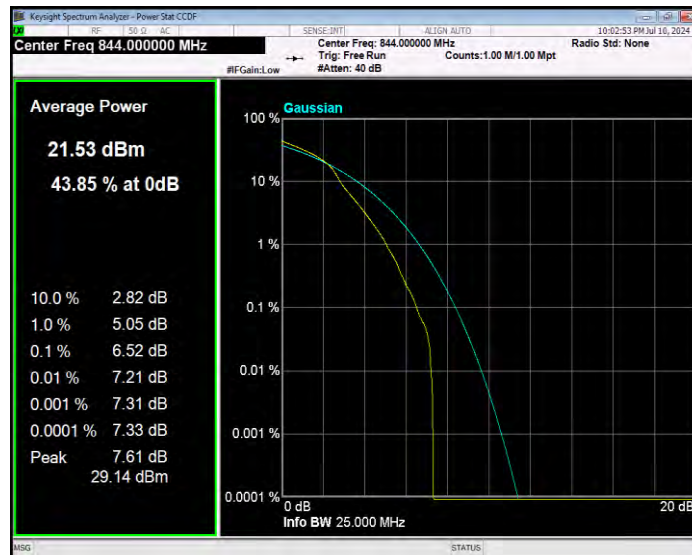
Band5 16QAM BW=10MHz Channel=20450 RB Size=1 Position=#0



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



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



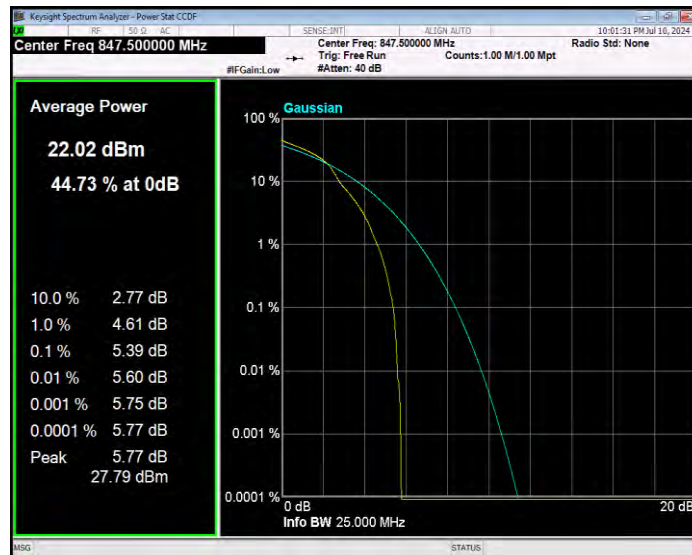
Band5 16QAM BW=3MHz Channel=20415 RB Size=1 Position=#0



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



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



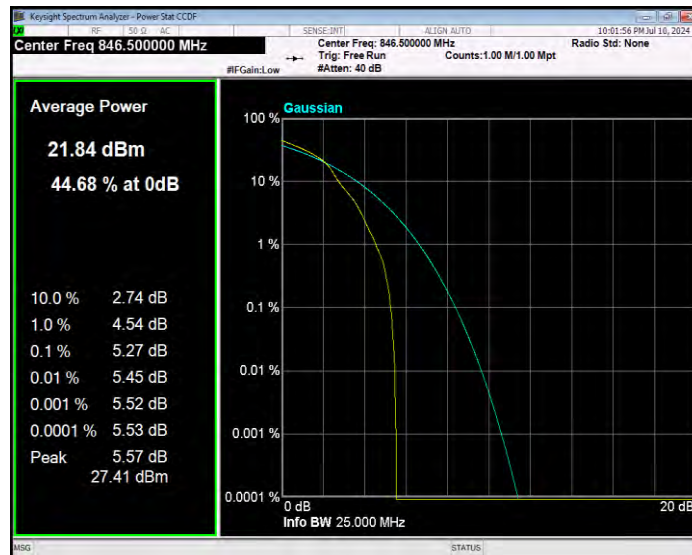
Band5 16QAM BW=5MHz Channel=20425 RB Size=1 Position=#0



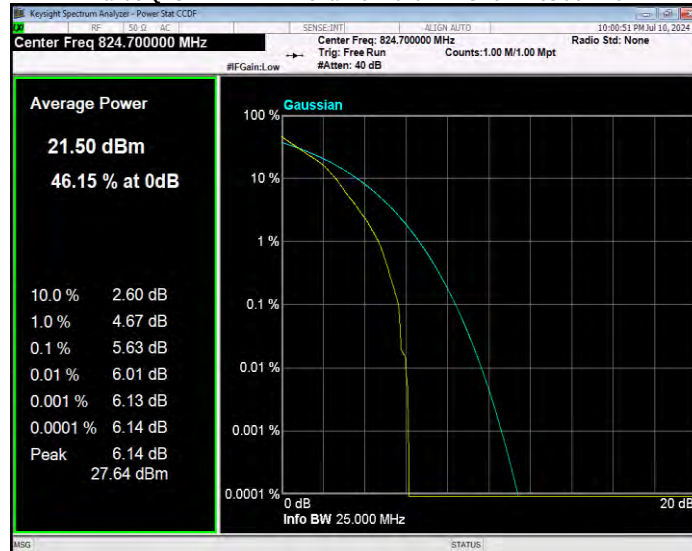
Band5 16QAM BW=5MHz Channel=20525 RB Size=1 Position=#0



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



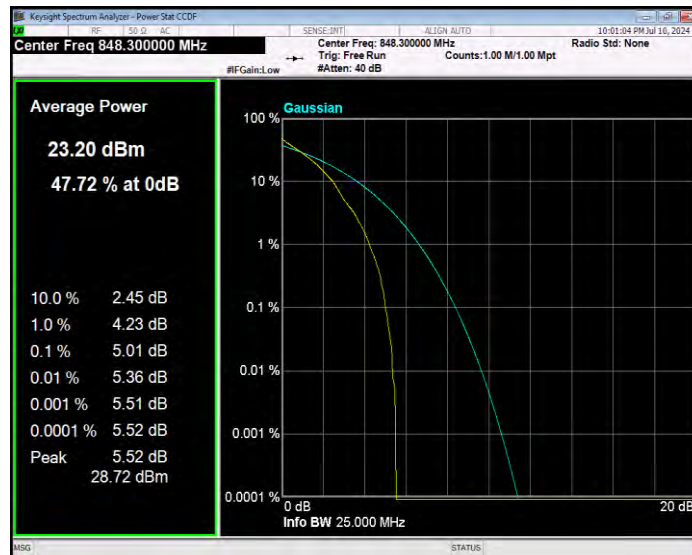
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#0



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



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



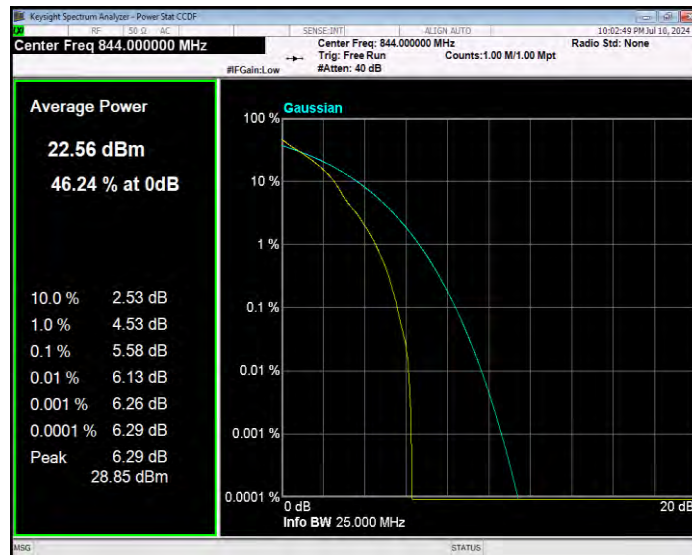
Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#0



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



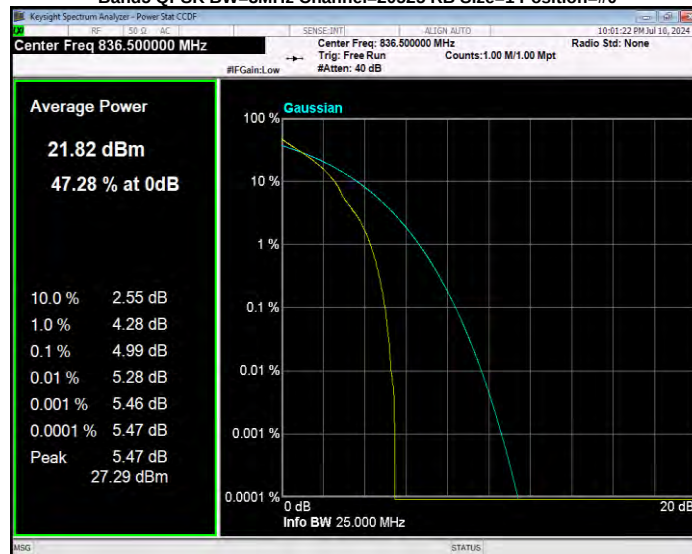
Band5 QPSK BW=10MHz Channel=20600 RB Size=1 Position=#0



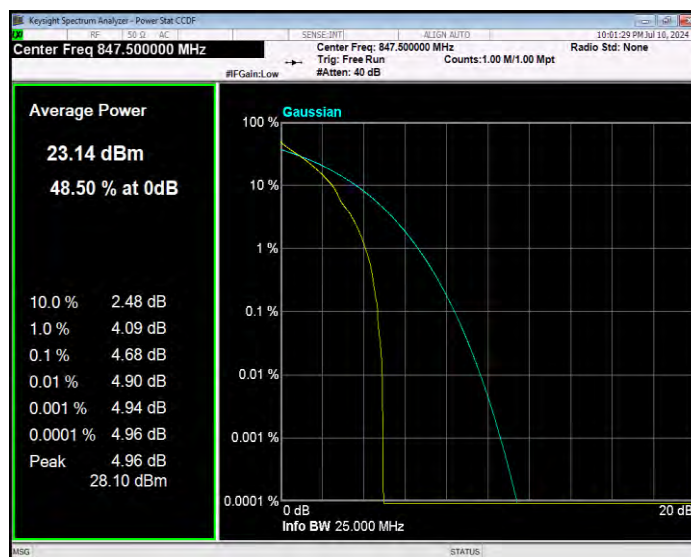
Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#0



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



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



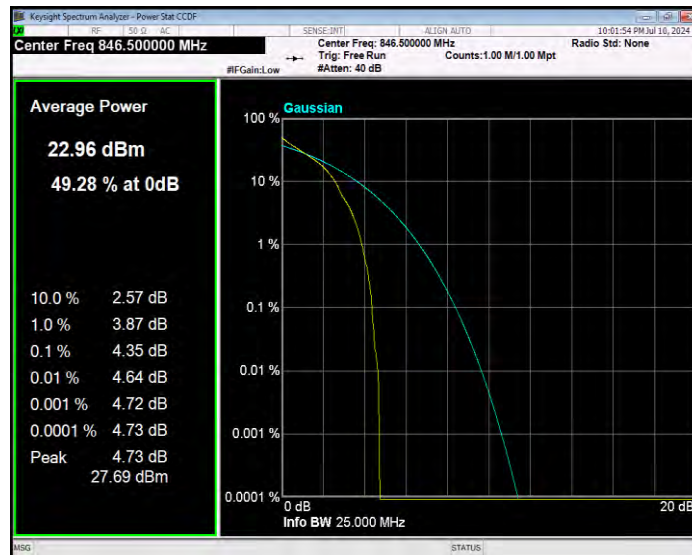
Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#0



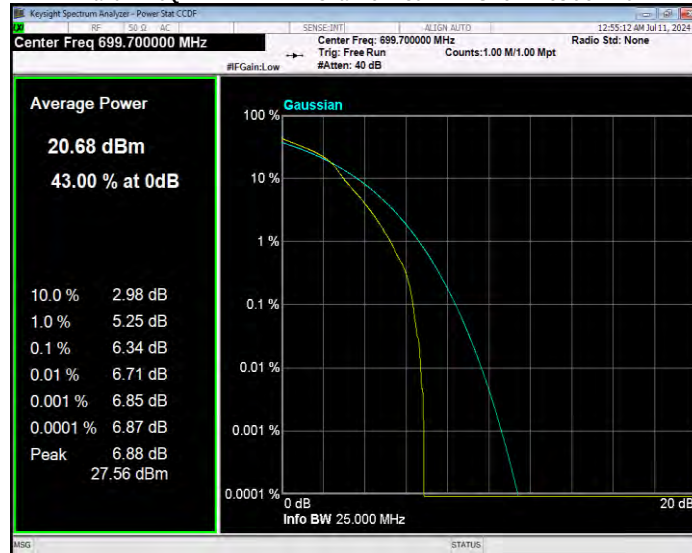
Band5 QPSK BW=5MHz Channel=20525 RB Size=1 Position=#0



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



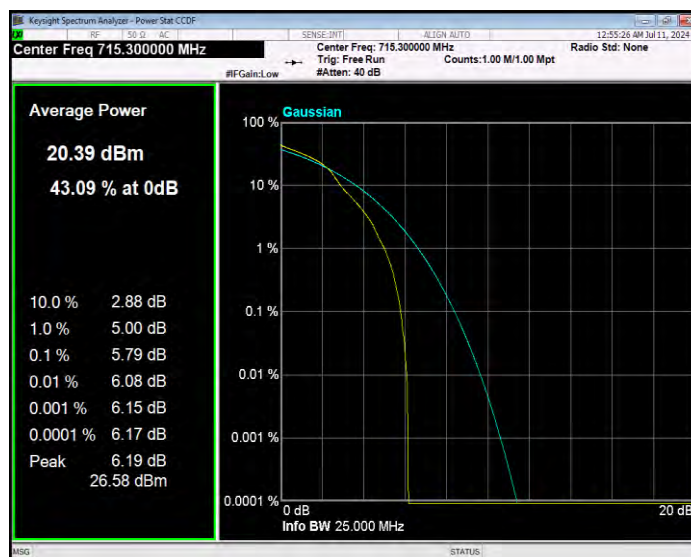
Band12 16QAM BW=1.4MHz Channel=23017 RB Size=1 Position=#0



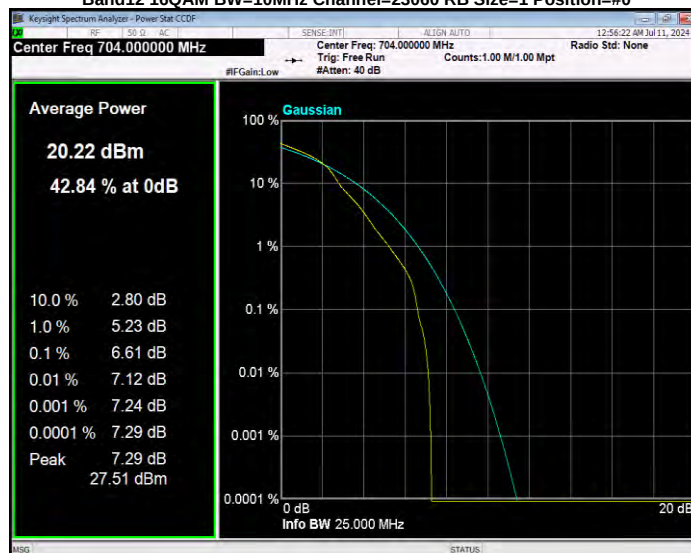
Band12 16QAM BW=1.4MHz Channel=23095 RB Size=1 Position=#0



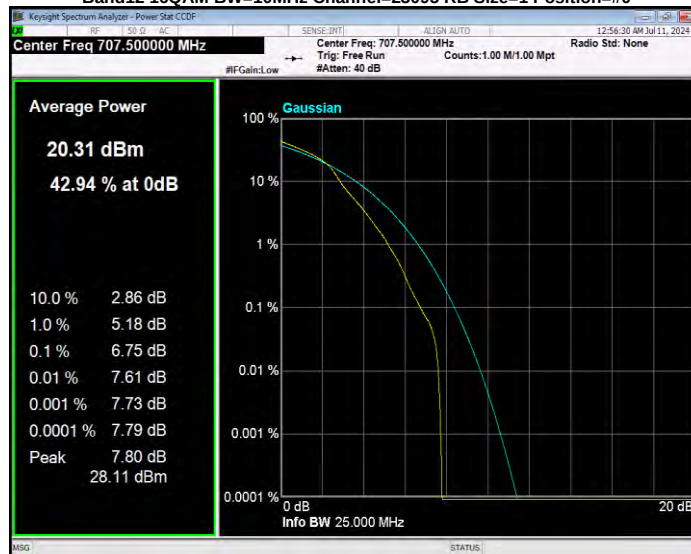
Band12 16QAM BW=1.4MHz Channel=23173 RB Size=1 Position=#0



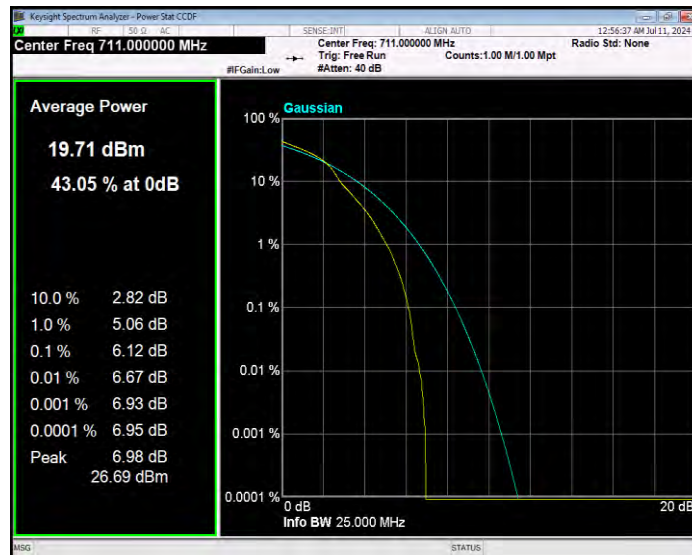
Band12 16QAM BW=10MHz Channel=23060 RB Size=1 Position=#0



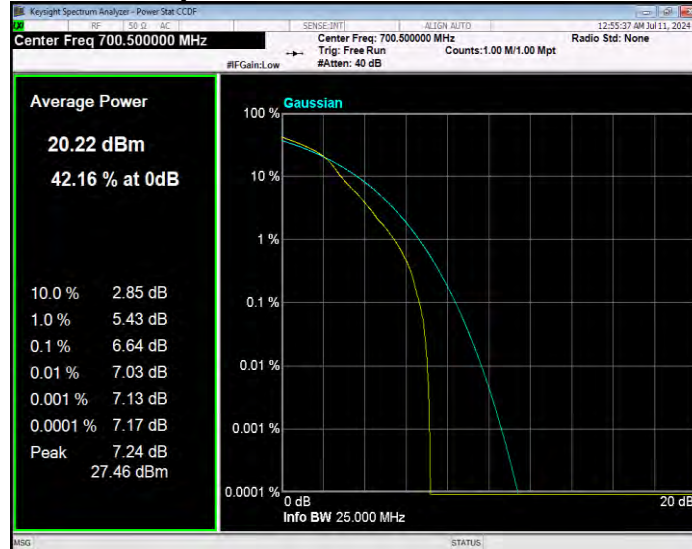
Band12 16QAM BW=10MHz Channel=23095 RB Size=1 Position=#0



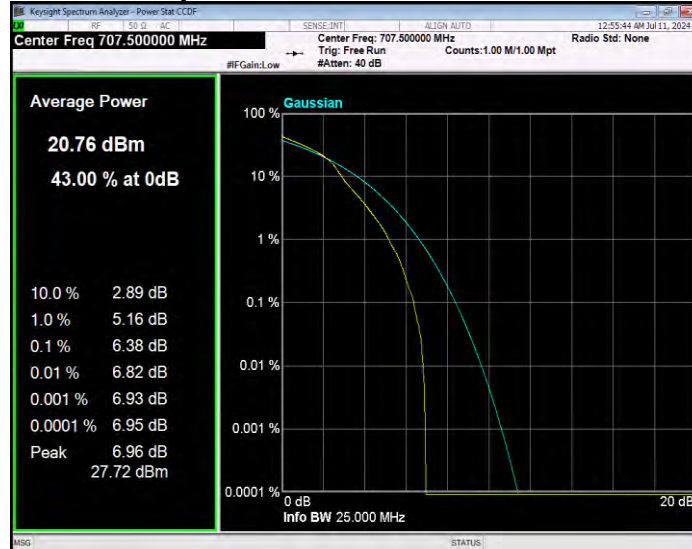
Band12 16QAM BW=10MHz Channel=23130 RB Size=1 Position=#0



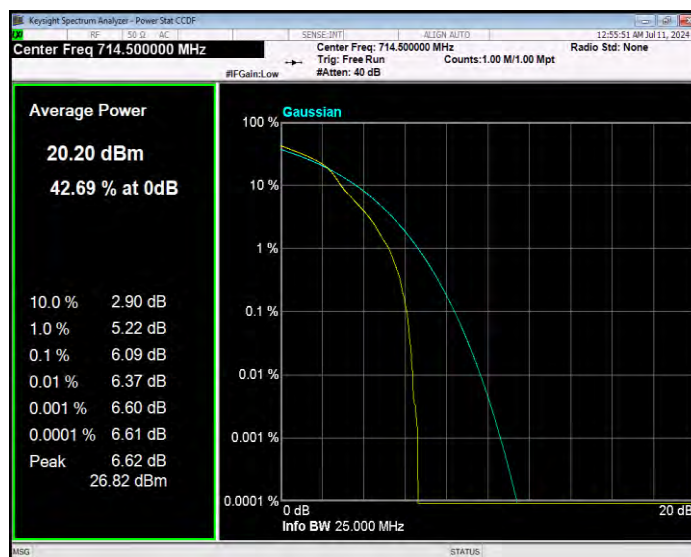
Band12 16QAM BW=3MHz Channel=23025 RB Size=1 Position=#0



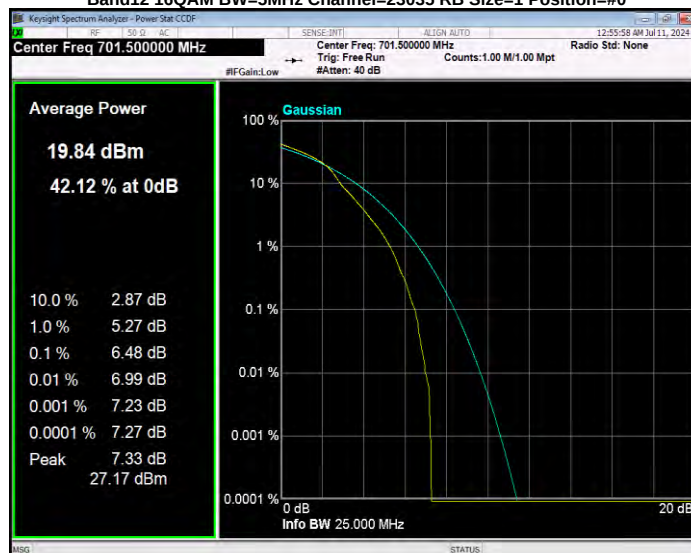
Band12 16QAM BW=3MHz Channel=23095 RB Size=1 Position=#0



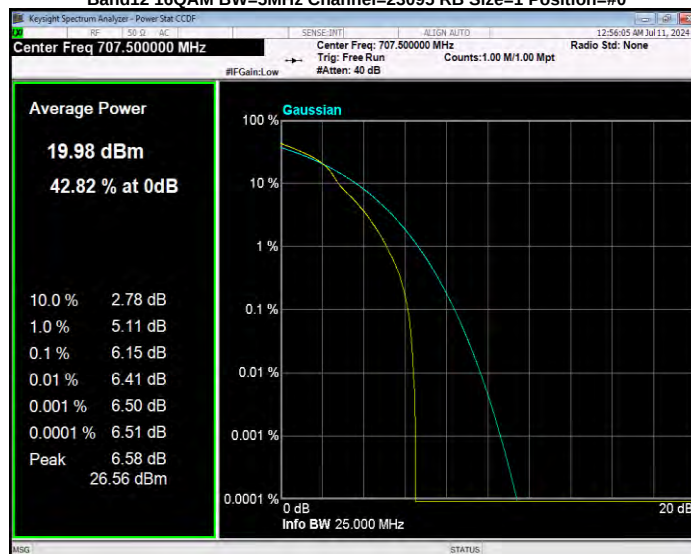
Band12 16QAM BW=3MHz Channel=23165 RB Size=1 Position=#0



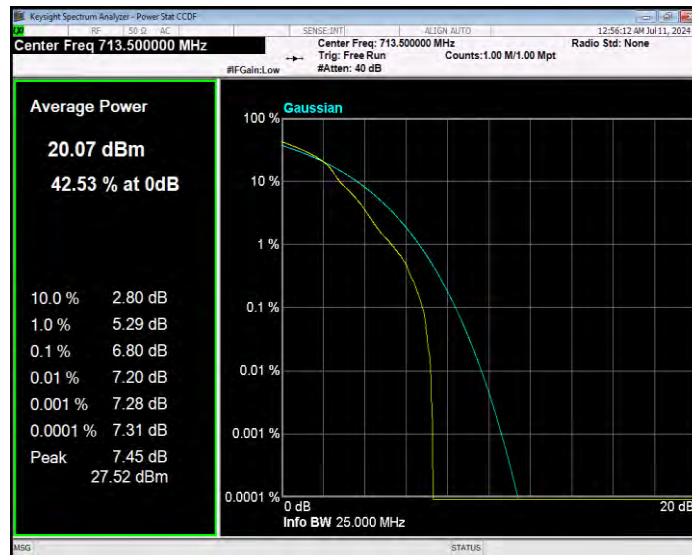
Band12 16QAM BW=5MHz Channel=23035 RB Size=1 Position=#0



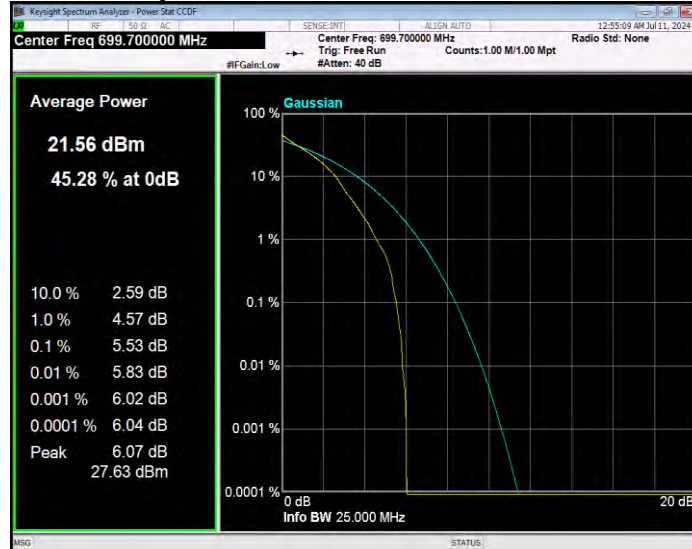
Band12 16QAM BW=5MHz Channel=23095 RB Size=1 Position=#0



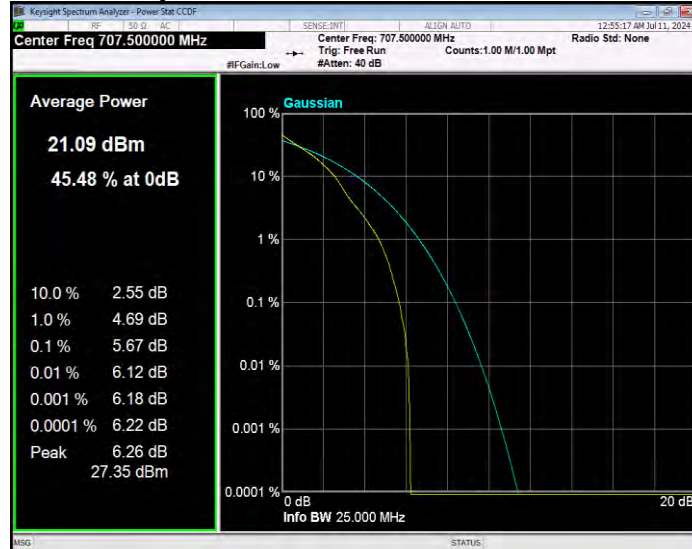
Band12 16QAM BW=5MHz Channel=23155 RB Size=1 Position=#0



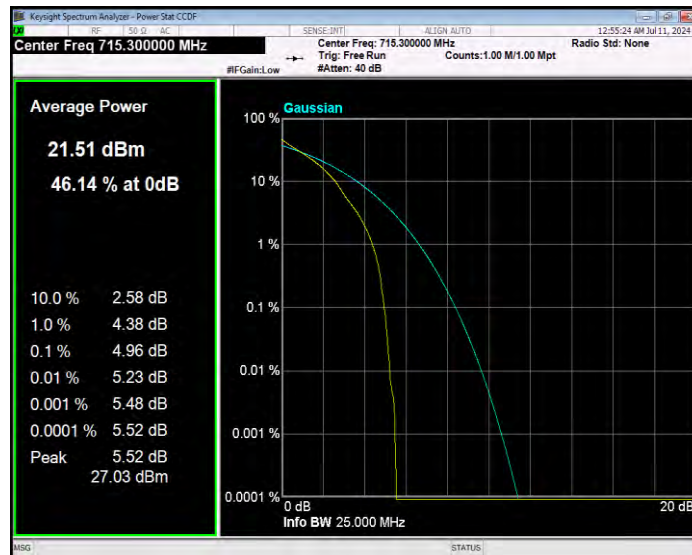
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=1 Position=#0



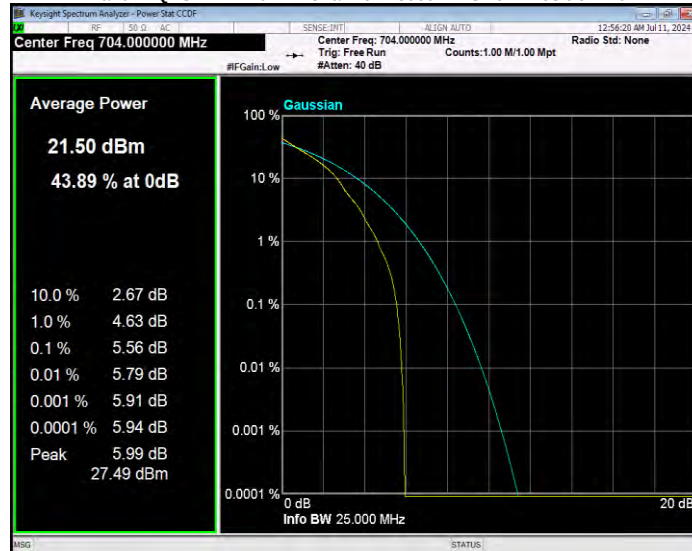
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=1 Position=#0



Band12 QPSK BW=1.4MHz Channel=23173 RB Size=1 Position=#0



Band12 QPSK BW=10MHz Channel=23060 RB Size=1 Position=#0



Band12 QPSK BW=10MHz Channel=23095 RB Size=1 Position=#0



Band12 QPSK BW=10MHz Channel=23130 RB Size=1 Position=#0



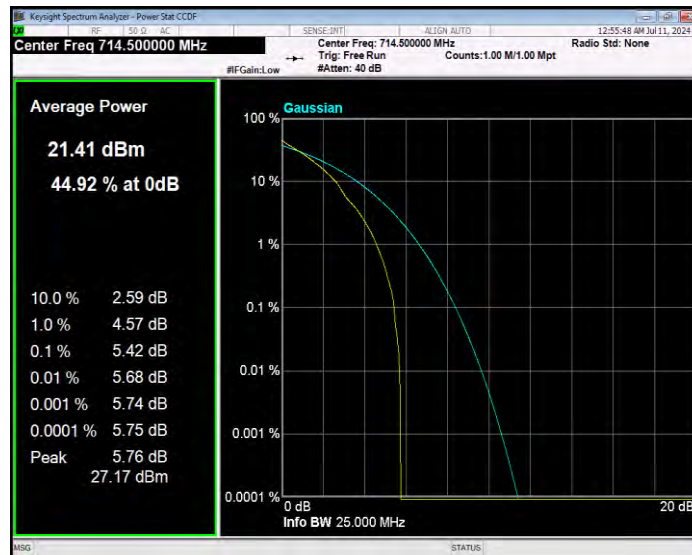
Band12 QPSK BW=3MHz Channel=23025 RB Size=1 Position=#0



Band12 QPSK BW=3MHz Channel=23095 RB Size=1 Position=#0



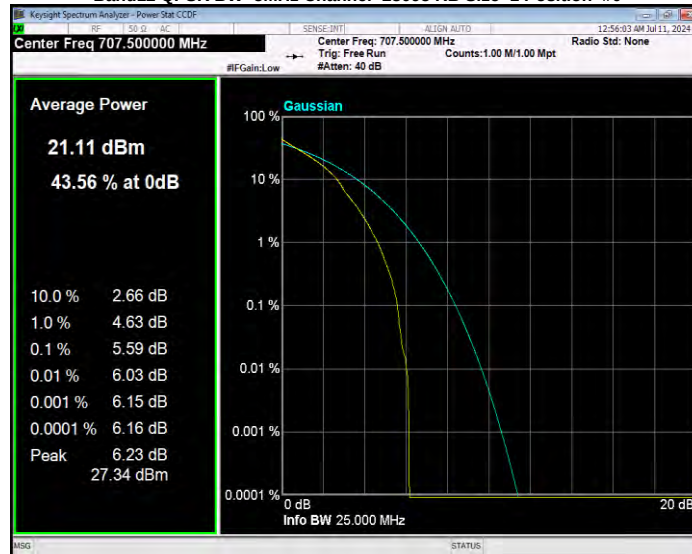
Band12 QPSK BW=3MHz Channel=23165 RB Size=1 Position=#0



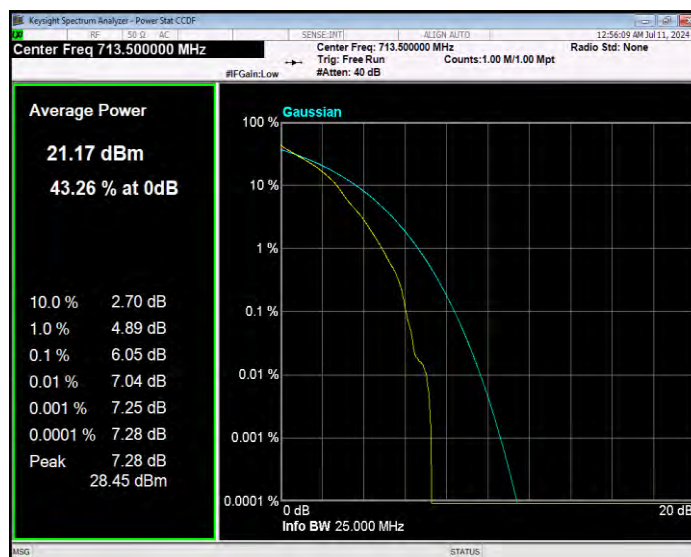
Band12 QPSK BW=5MHz Channel=23035 RB Size=1 Position=#0



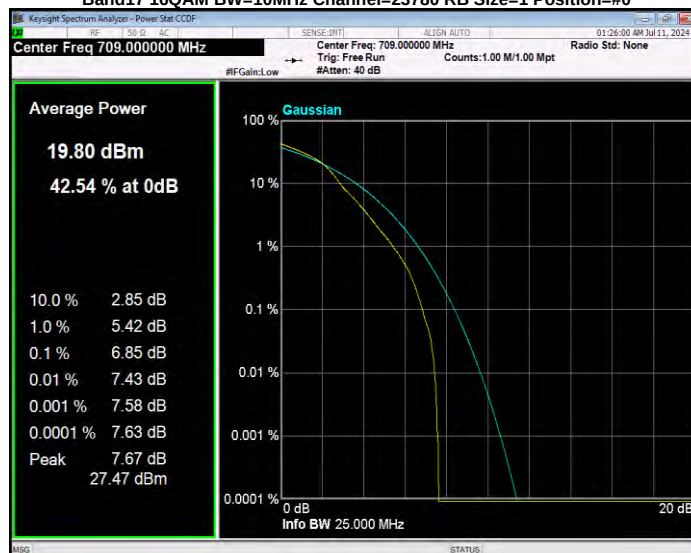
Band12 QPSK BW=5MHz Channel=23095 RB Size=1 Position=#0



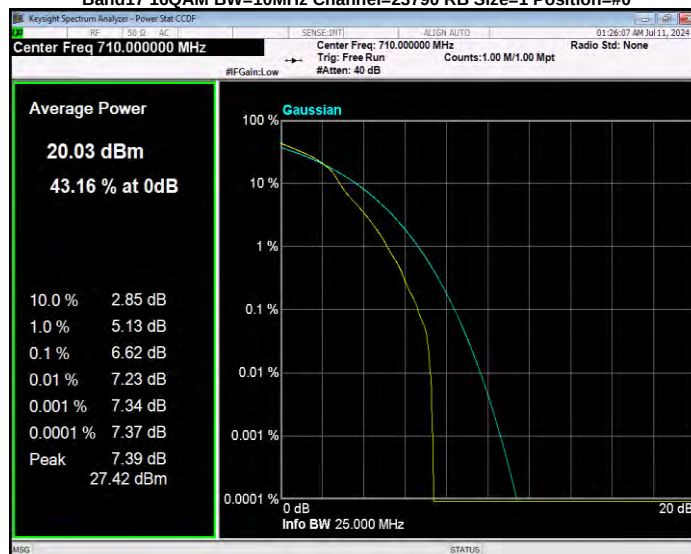
Band12 QPSK BW=5MHz Channel=23155 RB Size=1 Position=#0



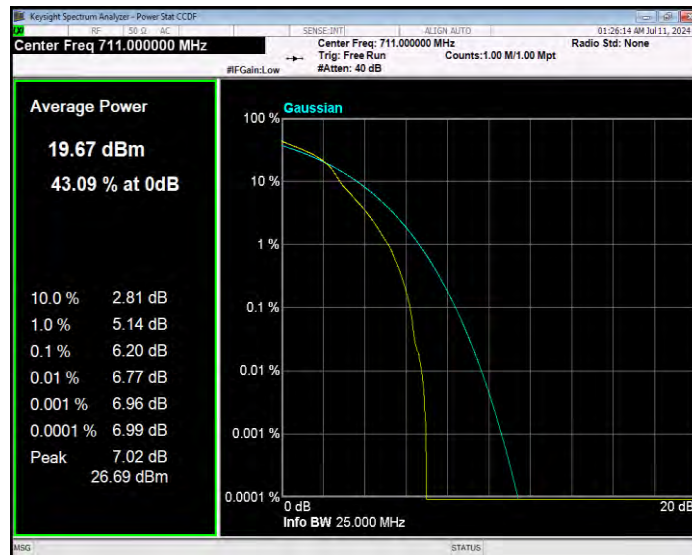
Band17 16QAM BW=10MHz Channel=23780 RB Size=1 Position=#0



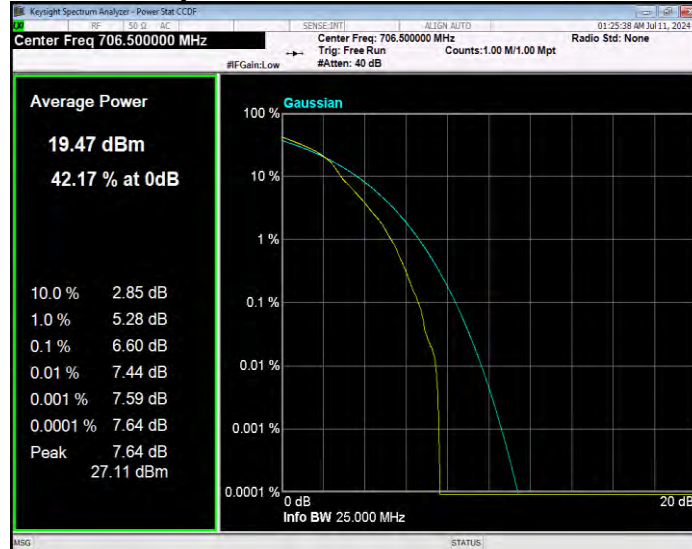
Band17 16QAM BW=10MHz Channel=23790 RB Size=1 Position=#0



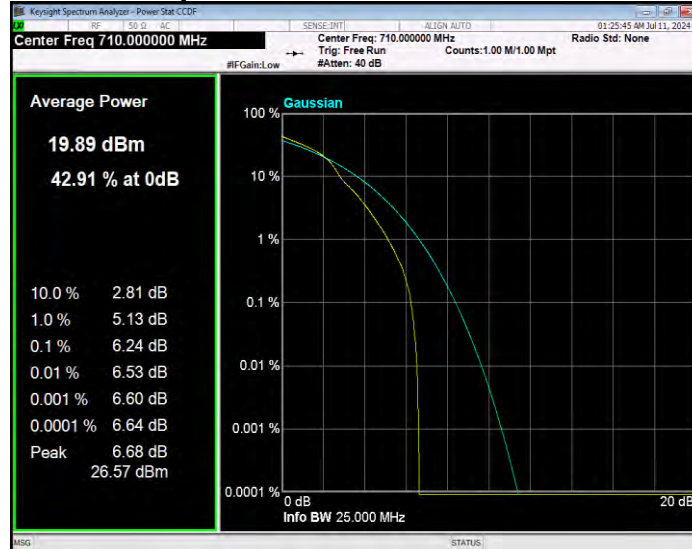
Band17 16QAM BW=10MHz Channel=23800 RB Size=1 Position=#0



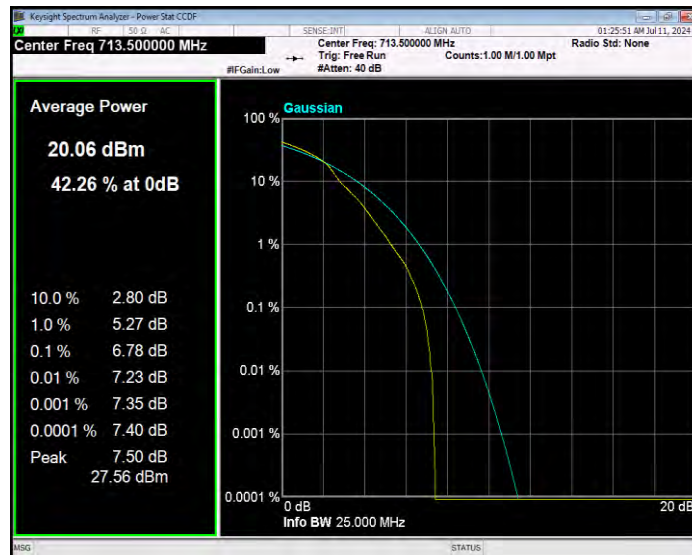
Band17 16QAM BW=5MHz Channel=23755 RB Size=1 Position=#0



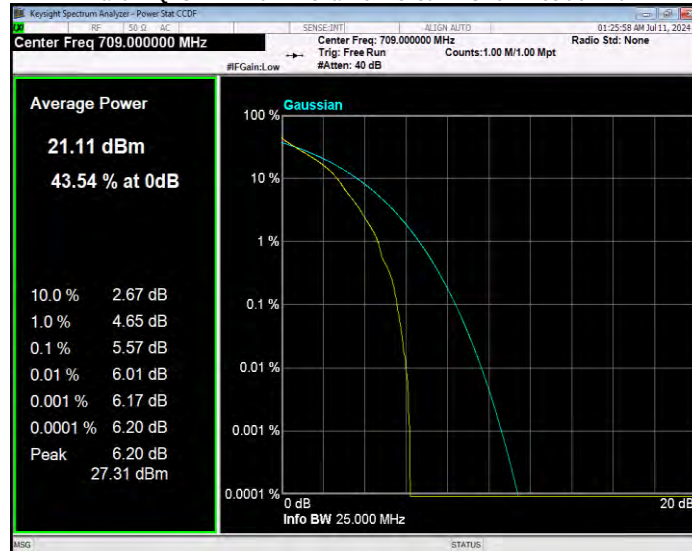
Band17 16QAM BW=5MHz Channel=23790 RB Size=1 Position=#0



Band17 16QAM BW=5MHz Channel=23825 RB Size=1 Position=#0



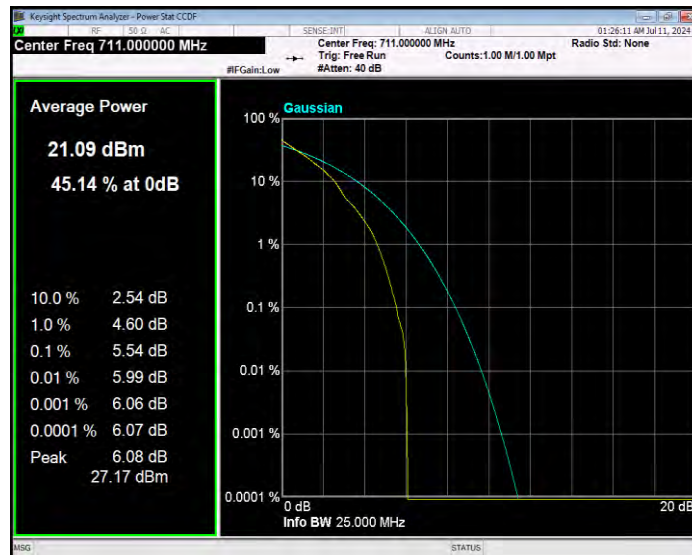
Band17 QPSK BW=10MHz Channel=23780 RB Size=1 Position=#0



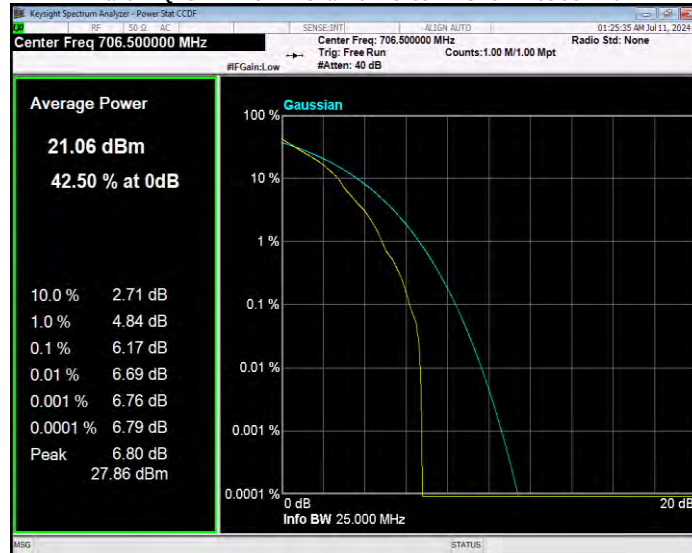
Band17 QPSK BW=10MHz Channel=23790 RB Size=1 Position=#0



Band17 QPSK BW=10MHz Channel=23800 RB Size=1 Position=#0



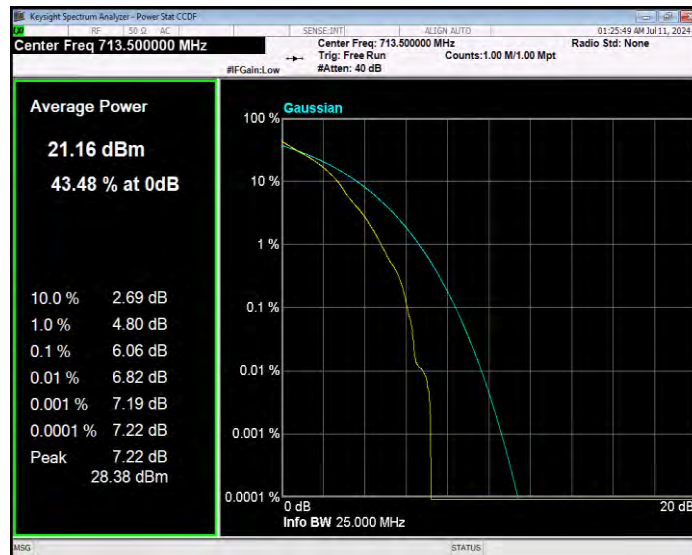
Band17 QPSK BW=5MHz Channel=23755 RB Size=1 Position=#0



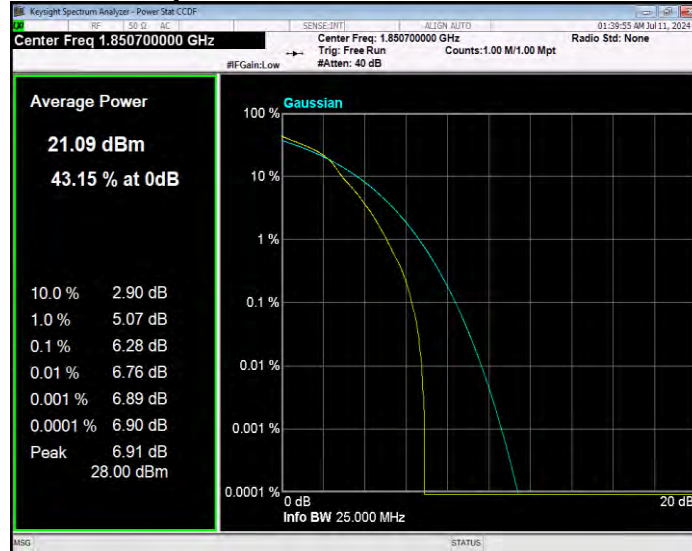
Band17 QPSK BW=5MHz Channel=23790 RB Size=1 Position=#0



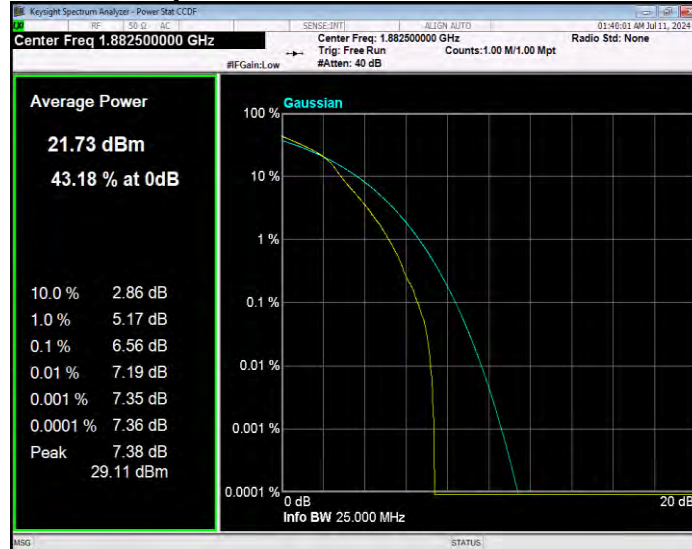
Band17 QPSK BW=5MHz Channel=23825 RB Size=1 Position=#0



Band25 16QAM BW=1.4MHz Channel=26047 RB Size=1 Position=#0



Band25 16QAM BW=1.4MHz Channel=26365 RB Size=1 Position=#0



Band25 16QAM BW=1.4MHz Channel=26683 RB Size=1 Position=#0