

LTE Band 38 (QPSK) / 2595MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-5.04	-0.002	2.5ppm	PASS
40		5.18	0.002		
30		-4.93	-0.002		
20		-11.62	-0.004		
10		5.01	0.002		
0		-5.28	-0.002		
-10		-5.02	-0.002		
-20		-5.18	-0.002		
-30		5.07	0.002		
20	Maximum Voltage	-7.46	-0.003	2.5ppm	PASS
20	BEP	2.40	0.001		

LTE Band 38 (16QAM) / 2595MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-2.56	-0.001	2.5ppm	PASS
40		2.41	0.001		
30		2.20	0.001		
20		-6.18	-0.002		
10		-2.25	-0.001		
0		-2.45	-0.001		
-10		-2.49	-0.001		
-20		2.53	0.001		
-30		2.26	0.001		
20	Maximum Voltage	1.05	0.000	2.5ppm	PASS
20	BEP	1.13	0.000		

Band40(2350-2360)(QPSK) / 2355MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	2.02	0.001	2.5ppm	PASS
40		1.48	0.001		
30		1.99	0.001		
20		-5.16	-0.002		
10		1.86	0.001		
0		-1.94	-0.001		
-10		2.04	0.001		
-20		1.95	0.001		
-30		-1.80	-0.001		
20	Maximum Voltage	1.01	0.000	2.5ppm	PASS
20	BEP	0.82	0.000		

Band40(2350-2360)(16QAM) / 2355MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	1.63	0.001	2.5ppm	PASS
40		1.85	0.001		
30		1.82	0.001		
20		-5.41	-0.002		
10		-1.80	-0.001		
0		1.84	0.001		
-10		-1.75	-0.001		
-20		-2.04	-0.001		
-30		1.94	0.001		
20	Maximum Voltage	1.06	0.000	2.5ppm	PASS
20	BEP	-3.05	-0.001		

Band40(2305-2315) (QPSK) / 2310MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-5.33	-0.002	2.5ppm	PASS
40		4.89	0.002		
30		-5.17	-0.002		
20		-11.80	-0.005		
10		5.21	0.002		
0		-4.94	-0.002		
-10		-5.34	-0.002		
-20		5.12	0.002		
-30		5.31	0.002		
20	Maximum Voltage	2.46	0.001	2.5ppm	PASS
20	BEP	-7.96	-0.003		

Band40(2305-2315) (16QAM) / 2310MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-4.71	-0.002	2.5ppm	PASS
40		-4.18	-0.002		
30		4.26	0.002		
20		-10.59	-0.005		
10		4.52	0.002		
0		-4.42	-0.002		
-10		4.72	0.002		
-20		-4.41	-0.002		
-30		4.54	0.002		
20	Maximum Voltage	-6.54	-0.003	2.5ppm	PASS
20	BEP	-6.58	-0.003		

LTE Band 41 (QPSK) / 2595MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	2.04	0.001	2.5ppm	PASS
40		-2.00	-0.001		
30		1.92	0.001		
20		-5.66	-0.002		
10		1.74	0.001		
0		-2.12	-0.001		
-10		-1.80	-0.001		
-20		1.80	0.001		
-30		2.03	0.001		
20	Maximum Voltage	-3.20	-0.001	2.5ppm	PASS
20	BEP	0.97	0.000		

LTE Band 41 (16QAM) / 2595MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-3.42	-0.001	2.5ppm	PASS
40		-3.24	-0.001		
30		3.37	0.001		
20		-8.23	-0.003		
10		-3.27	-0.001		
0		-3.00	-0.001		
-10		-3.15	-0.001		
-20		3.13	0.001		
-30		3.50	0.001		
20	Maximum Voltage	1.69	0.001	2.5ppm	PASS
20	BEP	-4.90	-0.002		

LTE Band 66 (QPSK) / 1745MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-1.36	-0.001	2.5ppm	PASS
40		-1.45	-0.001		
30		-1.60	-0.001		
20		-4.75	-0.003		
10		-1.30	-0.001		
0		1.71	0.001		
-10		1.52	0.001		
-20		-1.29	-0.001		
-30		-1.51	-0.001		
20	Maximum Voltage	0.73	0.000	2.5ppm	PASS
20	BEP	-1.96	-0.001		

LTE Band 66 (16QAM) / 1745MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-1.43	-0.001	2.5ppm	PASS
40		1.95	0.001		
30		1.46	0.001		
20		-5.06	-0.003		
10		-1.99	-0.001		
0		1.75	0.001		
-10		-1.56	-0.001		
-20		1.68	0.001		
-30		1.99	0.001		
20	Maximum Voltage	0.93	0.001	2.5ppm	PASS
20	BEP	-2.48	-0.001		

LTE Band 71 (QPSK) / 680.5MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-0.39	-0.001	2.5ppm	PASS
40		-0.42	-0.001		
30		-0.47	-0.001		
20		-2.37	-0.003		
10		-0.40	-0.001		
0		0.37	0.001		
-10		0.36	0.001		
-20		0.22	0.000		
-30		0.09	0.000		
20	Maximum Voltage	-0.74	-0.001	2.5ppm	PASS
20	BEP	0.10	0.000		

LTE Band 71 (16QAM) / 680.5MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-0.24	0.000	2.5ppm	PASS
40		0.02	0.000		
30		0.20	0.000		
20		-1.80	-0.003		
10		-0.08	0.000		
0		0.02	0.000		
-10		0.01	0.000		
-20		-0.34	-0.001		
-30		0.20	0.000		
20	Maximum Voltage	0.31	0.000	2.5ppm	PASS
20	BEP	-0.07	0.000		

Peak-to-Average Ratio

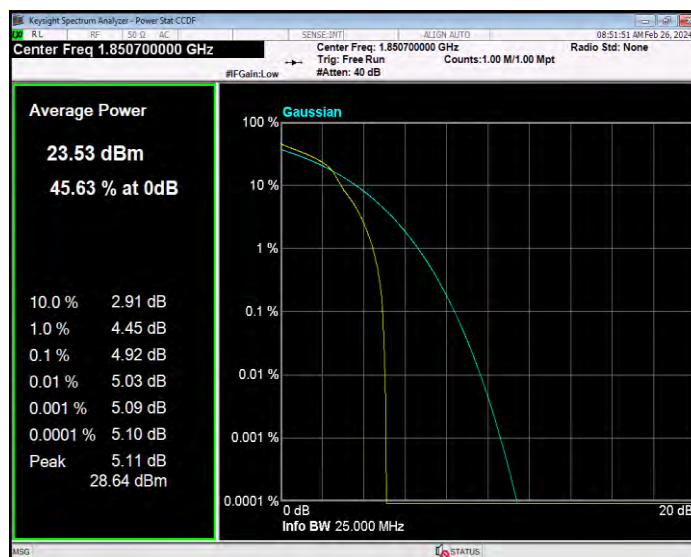
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band2	1.4	18607	1	#0	QPSK	4.03	13	PASS
Band2	1.4	18607	1	#0	16QAM	4.92	13	PASS
Band2	1.4	18900	1	#0	QPSK	4.70	13	PASS
Band2	1.4	18900	1	#0	16QAM	5.66	13	PASS
Band2	1.4	19193	1	#0	QPSK	3.94	13	PASS
Band2	1.4	19193	1	#0	16QAM	4.80	13	PASS
Band2	3	18615	1	#0	QPSK	3.96	13	PASS
Band2	3	18615	1	#0	16QAM	4.93	13	PASS
Band2	3	18900	1	#0	QPSK	4.66	13	PASS
Band2	3	18900	1	#0	16QAM	5.38	13	PASS
Band2	3	19185	1	#0	QPSK	4.65	13	PASS
Band2	3	19185	1	#0	16QAM	5.52	13	PASS
Band2	5	18625	1	#0	QPSK	4.04	13	PASS
Band2	5	18625	1	#0	16QAM	4.78	13	PASS
Band2	5	18900	1	#0	QPSK	5.11	13	PASS
Band2	5	18900	1	#0	16QAM	5.75	13	PASS
Band2	5	19175	1	#0	QPSK	4.94	13	PASS
Band2	5	19175	1	#0	16QAM	5.62	13	PASS
Band2	10	18650	1	#0	QPSK	3.75	13	PASS
Band2	10	18650	1	#0	16QAM	4.67	13	PASS
Band2	10	18900	1	#0	QPSK	4.95	13	PASS
Band2	10	18900	1	#0	16QAM	5.83	13	PASS
Band2	10	19150	1	#0	QPSK	4.28	13	PASS
Band2	10	19150	1	#0	16QAM	5.25	13	PASS
Band2	15	18675	1	#0	QPSK	3.87	13	PASS
Band2	15	18675	1	#0	16QAM	4.82	13	PASS
Band2	15	18900	1	#0	QPSK	4.79	13	PASS
Band2	15	18900	1	#0	16QAM	5.48	13	PASS
Band2	15	19125	1	#0	QPSK	4.39	13	PASS
Band2	15	19125	1	#0	16QAM	5.24	13	PASS
Band2	20	18700	1	#0	QPSK	3.85	13	PASS
Band2	20	18700	1	#0	16QAM	4.95	13	PASS
Band2	20	18900	1	#0	QPSK	4.42	13	PASS
Band2	20	18900	1	#0	16QAM	5.10	13	PASS
Band2	20	19100	1	#0	QPSK	4.41	13	PASS
Band2	20	19100	1	#0	16QAM	5.25	13	PASS
Band4	1.4	19957	1	#0	QPSK	3.91	13	PASS
Band4	1.4	19957	1	#0	16QAM	4.85	13	PASS
Band4	1.4	20175	1	#0	QPSK	4.72	13	PASS
Band4	1.4	20175	1	#0	16QAM	5.64	13	PASS
Band4	1.4	20393	1	#0	QPSK	4.49	13	PASS
Band4	1.4	20393	1	#0	16QAM	5.27	13	PASS
Band4	3	19965	1	#0	QPSK	3.77	13	PASS
Band4	3	19965	1	#0	16QAM	4.64	13	PASS
Band4	3	20175	1	#0	QPSK	4.54	13	PASS
Band4	3	20175	1	#0	16QAM	5.42	13	PASS
Band4	3	20385	1	#0	QPSK	4.30	13	PASS
Band4	3	20385	1	#0	16QAM	5.25	13	PASS
Band4	5	19975	1	#0	QPSK	3.97	13	PASS
Band4	5	19975	1	#0	16QAM	4.65	13	PASS
Band4	5	20175	1	#0	QPSK	4.65	13	PASS
Band4	5	20175	1	#0	16QAM	5.37	13	PASS
Band4	5	20375	1	#0	QPSK	4.15	13	PASS
Band4	5	20375	1	#0	16QAM	4.88	13	PASS
Band4	10	20000	1	#0	QPSK	3.88	13	PASS
Band4	10	20000	1	#0	16QAM	4.80	13	PASS
Band4	10	20175	1	#0	QPSK	4.26	13	PASS
Band4	10	20175	1	#0	16QAM	5.20	13	PASS
Band4	10	20350	1	#0	QPSK	3.84	13	PASS
Band4	10	20350	1	#0	16QAM	4.73	13	PASS
Band4	15	20025	1	#0	QPSK	3.98	13	PASS
Band4	15	20025	1	#0	16QAM	4.92	13	PASS
Band4	15	20175	1	#0	QPSK	4.24	13	PASS
Band4	15	20175	1	#0	16QAM	4.97	13	PASS
Band4	15	20325	1	#0	QPSK	4.59	13	PASS
Band4	15	20325	1	#0	16QAM	5.42	13	PASS
Band4	20	20050	1	#0	QPSK	4.06	13	PASS
Band4	20	20050	1	#0	16QAM	4.75	13	PASS
Band4	20	20175	1	#0	QPSK	4.45	13	PASS
Band4	20	20175	1	#0	16QAM	5.38	13	PASS
Band4	20	20300	1	#0	QPSK	5.11	13	PASS
Band4	20	20300	1	#0	16QAM	6.25	13	PASS
Band5	1.4	20407	1	#0	QPSK	5.04	13	PASS
Band5	1.4	20407	1	#0	16QAM	5.87	13	PASS
Band5	1.4	20525	1	#0	QPSK	5.44	13	PASS
Band5	1.4	20525	1	#0	16QAM	6.25	13	PASS
Band5	1.4	20643	1	#0	QPSK	3.11	13	PASS
Band5	1.4	20643	1	#0	16QAM	4.00	13	PASS
Band5	3	20415	1	#0	QPSK	4.77	13	PASS
Band5	3	20415	1	#0	16QAM	5.86	13	PASS
Band5	3	20525	1	#0	QPSK	5.08	13	PASS
Band5	3	20525	1	#0	16QAM	5.73	13	PASS
Band5	3	20635	1	#0	QPSK	4.24	13	PASS
Band5	3	20635	1	#0	16QAM	5.07	13	PASS
Band5	5	20425	1	#0	QPSK	5.19	13	PASS
Band5	5	20425	1	#0	16QAM	5.75	13	PASS
Band5	5	20525	1	#0	QPSK	4.84	13	PASS
Band5	5	20525	1	#0	16QAM	5.47	13	PASS
Band5	5	20625	1	#0	QPSK	4.87	13	PASS
Band5	5	20625	1	#0	16QAM	5.55	13	PASS
Band5	10	20450	1	#0	QPSK	5.12	13	PASS
Band5	10	20450	1	#0	16QAM	5.95	13	PASS

Band5	10	20525	1	#0	QPSK	4.00	13	PASS
Band5	10	20525	1	#0	16QAM	4.70	13	PASS
Band5	10	20600	1	#0	QPSK	4.82	13	PASS
Band5	10	20600	1	#0	16QAM	5.61	13	PASS
Band7	5	20775	1	#0	QPSK	5.52	13	PASS
Band7	5	20775	1	#0	16QAM	5.95	13	PASS
Band7	5	21100	1	#0	QPSK	5.20	13	PASS
Band7	5	21100	1	#0	16QAM	5.66	13	PASS
Band7	5	21425	1	#0	QPSK	5.23	13	PASS
Band7	5	21425	1	#0	16QAM	5.92	13	PASS
Band7	10	20800	1	#0	QPSK	5.29	13	PASS
Band7	10	20800	1	#0	16QAM	6.22	13	PASS
Band7	10	21100	1	#0	QPSK	4.89	13	PASS
Band7	10	21100	1	#0	16QAM	5.67	13	PASS
Band7	10	21400	1	#0	QPSK	5.20	13	PASS
Band7	10	21400	1	#0	16QAM	6.18	13	PASS
Band7	15	20825	1	#0	QPSK	5.19	13	PASS
Band7	15	20825	1	#0	16QAM	6.49	13	PASS
Band7	15	21100	1	#0	QPSK	5.14	13	PASS
Band7	15	21100	1	#0	16QAM	5.77	13	PASS
Band7	15	21375	1	#0	QPSK	5.08	13	PASS
Band7	15	21375	1	#0	16QAM	5.97	13	PASS
Band7	20	20850	1	#0	QPSK	5.57	13	PASS
Band7	20	20850	1	#0	16QAM	5.87	13	PASS
Band7	20	21100	1	#0	QPSK	5.26	13	PASS
Band7	20	21100	1	#0	16QAM	6.16	13	PASS
Band7	20	21350	1	#0	QPSK	4.61	13	PASS
Band7	20	21350	1	#0	16QAM	5.27	13	PASS
Band12	1.4	23017	1	#0	QPSK	5.32	13	PASS
Band12	1.4	23017	1	#0	16QAM	6.36	13	PASS
Band12	1.4	23095	1	#0	QPSK	4.96	13	PASS
Band12	1.4	23095	1	#0	16QAM	5.59	13	PASS
Band12	1.4	23173	1	#0	QPSK	5.75	13	PASS
Band12	1.4	23173	1	#0	16QAM	6.43	13	PASS
Band12	3	23025	1	#0	QPSK	5.08	13	PASS
Band12	3	23025	1	#0	16QAM	5.76	13	PASS
Band12	3	23095	1	#0	QPSK	4.88	13	PASS
Band12	3	23095	1	#0	16QAM	5.72	13	PASS
Band12	3	23165	1	#0	QPSK	5.58	13	PASS
Band12	3	23165	1	#0	16QAM	6.47	13	PASS
Band12	5	23035	1	#0	QPSK	5.52	13	PASS
Band12	5	23035	1	#0	16QAM	6.01	13	PASS
Band12	5	23095	1	#0	QPSK	4.69	13	PASS
Band12	5	23095	1	#0	16QAM	5.31	13	PASS
Band12	5	23155	1	#0	QPSK	5.67	13	PASS
Band12	5	23155	1	#0	16QAM	6.27	13	PASS
Band12	10	23060	1	#0	QPSK	5.31	13	PASS
Band12	10	23060	1	#0	16QAM	6.28	13	PASS
Band12	10	23095	1	#0	QPSK	4.84	13	PASS
Band12	10	23095	1	#0	16QAM	5.48	13	PASS
Band12	10	23130	1	#0	QPSK	4.95	13	PASS
Band12	10	23130	1	#0	16QAM	5.99	13	PASS
Band17	5	23755	1	#0	QPSK	3.00	13	PASS
Band17	5	23755	1	#0	16QAM	3.92	13	PASS
Band17	5	23790	1	#0	QPSK	3.83	13	PASS
Band17	5	23790	1	#0	16QAM	4.59	13	PASS
Band17	5	23825	1	#0	QPSK	5.08	13	PASS
Band17	5	23825	1	#0	16QAM	5.69	13	PASS
Band17	10	23780	1	#0	QPSK	2.91	13	PASS
Band17	10	23780	1	#0	16QAM	3.87	13	PASS
Band17	10	23790	1	#0	QPSK	2.89	13	PASS
Band17	10	23790	1	#0	16QAM	3.89	13	PASS
Band17	10	23800	1	#0	QPSK	3.07	13	PASS
Band17	10	23800	1	#0	16QAM	3.96	13	PASS
Band25	1.4	26047	1	#0	QPSK	4.12	13	PASS
Band25	1.4	26047	1	#0	16QAM	5.04	13	PASS
Band25	1.4	26365	1	#0	QPSK	4.05	13	PASS
Band25	1.4	26365	1	#0	16QAM	4.83	13	PASS
Band25	1.4	26683	1	#0	QPSK	3.29	13	PASS
Band25	1.4	26683	1	#0	16QAM	4.36	13	PASS
Band25	3	26055	1	#0	QPSK	4.04	13	PASS
Band25	3	26055	1	#0	16QAM	4.89	13	PASS
Band25	3	26365	1	#0	QPSK	4.28	13	PASS
Band25	3	26365	1	#0	16QAM	5.27	13	PASS
Band25	3	26675	1	#0	QPSK	2.97	13	PASS
Band25	3	26675	1	#0	16QAM	3.87	13	PASS
Band25	5	26065	1	#0	QPSK	4.05	13	PASS
Band25	5	26065	1	#0	16QAM	4.79	13	PASS
Band25	5	26365	1	#0	QPSK	4.64	13	PASS
Band25	5	26365	1	#0	16QAM	5.32	13	PASS
Band25	5	26665	1	#0	QPSK	3.60	13	PASS
Band25	5	26665	1	#0	16QAM	4.41	13	PASS
Band25	10	26090	1	#0	QPSK	3.88	13	PASS
Band25	10	26090	1	#0	16QAM	4.70	13	PASS
Band25	10	26365	1	#0	QPSK	5.00	13	PASS
Band25	10	26365	1	#0	16QAM	5.67	13	PASS
Band25	10	26640	1	#0	QPSK	4.98	13	PASS
Band25	10	26640	1	#0	16QAM	6.12	13	PASS
Band25	15	26115	1	#0	QPSK	3.89	13	PASS
Band25	15	26115	1	#0	16QAM	4.79	13	PASS
Band25	15	26365	1	#0	QPSK	5.00	13	PASS
Band25	15	26365	1	#0	16QAM	6.11	13	PASS
Band25	15	26615	1	#0	QPSK	4.49	13	PASS
Band25	15	26615	1	#0	16QAM	5.23	13	PASS

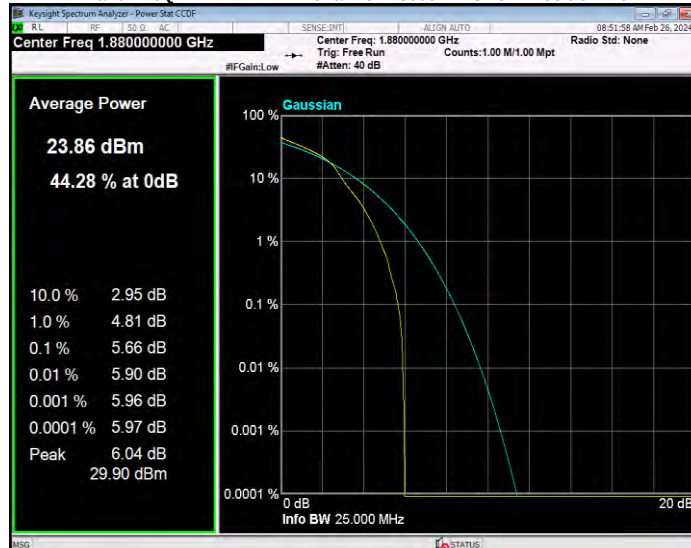
Band25	20	26140	1	#0	QPSK	3.93	13	PASS
Band25	20	26140	1	#0	16QAM	4.96	13	PASS
Band25	20	26365	1	#0	QPSK	4.88	13	PASS
Band25	20	26365	1	#0	16QAM	5.48	13	PASS
Band25	20	26590	1	#0	QPSK	4.43	13	PASS
Band25	20	26590	1	#0	16QAM	5.32	13	PASS
Band26(824-849)	1.4	26797	1	#0	QPSK	5.07	13	PASS
Band26(824-849)	1.4	26797	1	#0	16QAM	5.92	13	PASS
Band26(824-849)	1.4	26915	1	#0	QPSK	5.51	13	PASS
Band26(824-849)	1.4	26915	1	#0	16QAM	6.37	13	PASS
Band26(824-849)	1.4	27033	1	#0	QPSK	3.20	13	PASS
Band26(824-849)	1.4	27033	1	#0	16QAM	4.08	13	PASS
Band26(824-849)	3	26805	1	#0	QPSK	5.04	13	PASS
Band26(824-849)	3	26805	1	#0	16QAM	5.74	13	PASS
Band26(824-849)	3	26915	1	#0	QPSK	5.21	13	PASS
Band26(824-849)	3	26915	1	#0	16QAM	6.18	13	PASS
Band26(824-849)	3	27025	1	#0	QPSK	4.27	13	PASS
Band26(824-849)	3	27025	1	#0	16QAM	5.00	13	PASS
Band26(824-849)	5	26815	1	#0	QPSK	5.14	13	PASS
Band26(824-849)	5	26815	1	#0	16QAM	5.81	13	PASS
Band26(824-849)	5	26915	1	#0	QPSK	4.93	13	PASS
Band26(824-849)	5	26915	1	#0	16QAM	5.46	13	PASS
Band26(824-849)	5	27015	1	#0	QPSK	4.97	13	PASS
Band26(824-849)	5	27015	1	#0	16QAM	5.41	13	PASS
Band26(824-849)	10	26840	1	#0	QPSK	5.09	13	PASS
Band26(824-849)	10	26840	1	#0	16QAM	5.94	13	PASS
Band26(824-849)	10	26915	1	#0	QPSK	4.03	13	PASS
Band26(824-849)	10	26915	1	#0	16QAM	4.86	13	PASS
Band26(824-849)	10	26990	1	#0	QPSK	4.93	13	PASS
Band26(824-849)	10	26990	1	#0	16QAM	5.83	13	PASS
Band26(824-849)	15	26865	1	#0	QPSK	5.37	13	PASS
Band26(824-849)	15	26865	1	#0	16QAM	5.92	13	PASS
Band26(824-849)	15	26915	1	#0	QPSK	4.24	13	PASS
Band26(824-849)	15	26915	1	#0	16QAM	5.03	13	PASS
Band26(824-849)	15	26965	1	#0	QPSK	5.32	13	PASS
Band26(824-849)	15	26965	1	#0	16QAM	6.05	13	PASS
Band26(814-824)	1.4	26697	1	#0	QPSK	3.56	13	PASS
Band26(814-824)	1.4	26697	1	#0	16QAM	4.37	13	PASS
Band26(814-824)	1.4	26740	1	#0	QPSK	2.21	13	PASS
Band26(814-824)	1.4	26740	1	#0	16QAM	3.29	13	PASS
Band26(814-824)	1.4	26783	1	#0	QPSK	3.84	13	PASS
Band26(814-824)	1.4	26783	1	#0	16QAM	4.76	13	PASS
Band26(814-824)	3	26705	1	#0	QPSK	3.64	13	PASS
Band26(814-824)	3	26705	1	#0	16QAM	4.46	13	PASS
Band26(814-824)	3	26740	1	#0	QPSK	2.69	13	PASS
Band26(814-824)	3	26740	1	#0	16QAM	3.73	13	PASS
Band26(814-824)	3	26775	1	#0	QPSK	2.38	13	PASS
Band26(814-824)	3	26775	1	#0	16QAM	3.34	13	PASS
Band26(814-824)	5	26715	1	#0	QPSK	3.90	13	PASS
Band26(814-824)	5	26715	1	#0	16QAM	4.63	13	PASS
Band26(814-824)	5	26740	1	#0	QPSK	3.54	13	PASS
Band26(814-824)	5	26740	1	#0	16QAM	4.26	13	PASS
Band26(814-824)	5	26765	1	#0	QPSK	2.00	13	PASS
Band26(814-824)	5	26765	1	#0	16QAM	2.87	13	PASS
Band26(814-824)	10	26740	1	#0	QPSK	3.88	13	PASS
Band26(814-824)	10	26740	1	#0	16QAM	4.83	13	PASS
Band38	5	37775	1	#0	QPSK	7.52	13	PASS
Band38	5	37775	1	#0	16QAM	9.28	13	PASS
Band38	5	38000	1	#0	QPSK	7.45	13	PASS
Band38	5	38000	1	#0	16QAM	9.20	13	PASS
Band38	5	38225	1	#0	QPSK	7.65	13	PASS
Band38	5	38225	1	#0	16QAM	8.82	13	PASS
Band38	10	37800	1	#0	QPSK	8.55	13	PASS
Band38	10	37800	1	#0	16QAM	7.98	13	PASS
Band38	10	38000	1	#0	QPSK	8.96	13	PASS
Band38	10	38000	1	#0	16QAM	10.16	13	PASS
Band38	10	38200	1	#0	QPSK	9.11	13	PASS
Band38	10	38200	1	#0	16QAM	8.99	13	PASS
Band38	15	37825	1	#0	QPSK	7.32	13	PASS
Band38	15	37825	1	#0	16QAM	7.70	13	PASS
Band38	15	38000	1	#0	QPSK	9.26	13	PASS
Band38	15	38000	1	#0	16QAM	10.64	13	PASS
Band38	15	38175	1	#0	QPSK	9.09	13	PASS
Band38	15	38175	1	#0	16QAM	11.43	13	PASS
Band38	20	37850	1	#0	QPSK	9.08	13	PASS
Band38	20	37850	1	#0	16QAM	8.37	13	PASS
Band38	20	38000	1	#0	QPSK	7.67	13	PASS
Band38	20	38000	1	#0	16QAM	9.41	13	PASS
Band38	20	38150	1	#0	QPSK	8.69	13	PASS
Band38	20	38150	1	#0	16QAM	9.78	13	PASS
Band40(2305-2315)	5	38725	1	#0	QPSK	8.57	13	PASS
Band40(2305-2315)	5	38725	1	#0	16QAM	9.47	13	PASS
Band40(2305-2315)	5	38750	1	#0	QPSK	9.35	13	PASS
Band40(2305-2315)	5	38750	1	#0	16QAM	9.82	13	PASS
Band40(2305-2315)	5	38775	1	#0	QPSK	9.90	13	PASS
Band40(2305-2315)	5	38775	1	#0	16QAM	9.88	13	PASS
Band40(2305-2315)	10	38750	1	#0	QPSK	9.25	13	PASS
Band40(2305-2315)	10	38750	1	#0	16QAM	10.51	13	PASS
Band40(2350-2360)	5	39175	1	#0	QPSK	10.57	13	PASS
Band40(2350-2360)	5	39175	1	#0	16QAM	9.77	13	PASS
Band40(2350-2360)	5	39200	1	#0	QPSK	8.87	13	PASS
Band40(2350-2360)	5	39200	1	#0	16QAM	9.57	13	PASS
Band40(2350-2360)	5	39225	1	#0	QPSK	9.25	13	PASS
Band40(2350-2360)	5	39225	1	#0	16QAM	10.77	13	PASS

Band40(2350-2360)	10	39200	1	#0	QPSK	9.16	13	PASS
Band40(2350-2360)	10	39200	1	#0	16QAM	9.97	13	PASS
Band41(2535-2655)	5	40640	1	#0	QPSK	9.42	13	PASS
Band41(2535-2655)	5	40640	1	#0	16QAM	10.02	13	PASS
Band41(2535-2655)	10	40640	1	#0	QPSK	9.26	13	PASS
Band41(2535-2655)	10	40640	1	#0	16QAM	11.13	13	PASS
Band41(2535-2655)	15	40640	1	#0	QPSK	10.21	13	PASS
Band41(2535-2655)	15	40640	1	#0	16QAM	9.76	13	PASS
Band41(2535-2655)	20	40640	1	#0	QPSK	8.02	13	PASS
Band41(2535-2655)	20	40640	1	#0	16QAM	10.03	13	PASS
Band66	1.4	131979	1	#0	QPSK	5.61	13	PASS
Band66	1.4	131979	1	#0	16QAM	6.45	13	PASS
Band66	1.4	132322	1	#0	QPSK	5.50	13	PASS
Band66	1.4	132322	1	#0	16QAM	6.30	13	PASS
Band66	1.4	132665	1	#0	QPSK	5.34	13	PASS
Band66	1.4	132665	1	#0	16QAM	5.97	13	PASS
Band66	3	131987	1	#0	QPSK	5.47	13	PASS
Band66	3	131987	1	#0	16QAM	6.19	13	PASS
Band66	3	132322	1	#0	QPSK	5.60	13	PASS
Band66	3	132322	1	#0	16QAM	6.62	13	PASS
Band66	3	132657	1	#0	QPSK	5.50	13	PASS
Band66	3	132657	1	#0	16QAM	6.11	13	PASS
Band66	5	131997	1	#0	QPSK	5.84	13	PASS
Band66	5	131997	1	#0	16QAM	6.27	13	PASS
Band66	5	132322	1	#0	QPSK	5.53	13	PASS
Band66	5	132322	1	#0	16QAM	6.05	13	PASS
Band66	5	132647	1	#0	QPSK	5.75	13	PASS
Band66	5	132647	1	#0	16QAM	6.42	13	PASS
Band66	10	132022	1	#0	QPSK	5.61	13	PASS
Band66	10	132022	1	#0	16QAM	6.47	13	PASS
Band66	10	132322	1	#0	QPSK	5.62	13	PASS
Band66	10	132322	1	#0	16QAM	6.84	13	PASS
Band66	10	132622	1	#0	QPSK	5.41	13	PASS
Band66	10	132622	1	#0	16QAM	6.02	13	PASS
Band66	15	132047	1	#0	QPSK	5.81	13	PASS
Band66	15	132047	1	#0	16QAM	6.28	13	PASS
Band66	15	132322	1	#0	QPSK	5.75	13	PASS
Band66	15	132322	1	#0	16QAM	6.79	13	PASS
Band66	15	132597	1	#0	QPSK	5.30	13	PASS
Band66	15	132597	1	#0	16QAM	6.23	13	PASS
Band66	20	132072	1	#0	QPSK	5.53	13	PASS
Band66	20	132072	1	#0	16QAM	6.02	13	PASS
Band66	20	132322	1	#0	QPSK	6.35	13	PASS
Band66	20	132322	1	#0	16QAM	6.94	13	PASS
Band66	20	132572	1	#0	QPSK	5.74	13	PASS
Band66	20	132572	1	#0	16QAM	6.81	13	PASS
Band71	5	133147	1	#0	QPSK	3.18	13	PASS
Band71	5	133147	1	#0	16QAM	3.96	13	PASS
Band71	5	133297	1	#0	QPSK	4.79	13	PASS
Band71	5	133297	1	#0	16QAM	5.48	13	PASS
Band71	5	133447	1	#0	QPSK	3.99	13	PASS
Band71	5	133447	1	#0	16QAM	4.71	13	PASS
Band71	10	133172	1	#0	QPSK	3.22	13	PASS
Band71	10	133172	1	#0	16QAM	4.15	13	PASS
Band71	10	133297	1	#0	QPSK	4.74	13	PASS
Band71	10	133297	1	#0	16QAM	5.44	13	PASS
Band71	10	133422	1	#0	QPSK	4.77	13	PASS
Band71	10	133422	1	#0	16QAM	5.53	13	PASS
Band71	15	133197	1	#0	QPSK	3.38	13	PASS
Band71	15	133197	1	#0	16QAM	4.20	13	PASS
Band71	15	133297	1	#0	QPSK	4.63	13	PASS
Band71	15	133297	1	#0	16QAM	5.39	13	PASS
Band71	15	133397	1	#0	QPSK	5.10	13	PASS
Band71	15	133397	1	#0	16QAM	6.16	13	PASS
Band71	20	133222	1	#0	QPSK	3.63	13	PASS
Band71	20	133222	1	#0	16QAM	4.48	13	PASS
Band71	20	133297	1	#0	QPSK	4.15	13	PASS
Band71	20	133297	1	#0	16QAM	5.22	13	PASS
Band71	20	133372	1	#0	QPSK	4.67	13	PASS
Band71	20	133372	1	#0	16QAM	5.27	13	PASS

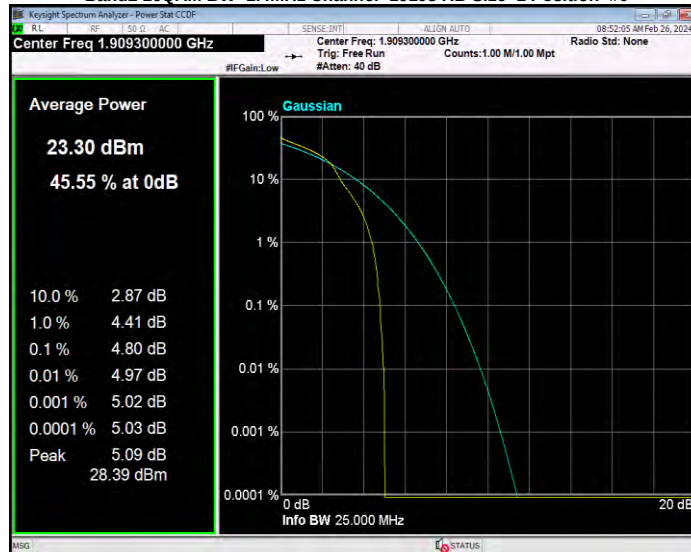
Band2 16QAM BW=1.4MHz Channel=18607 RB Size=1 Position=#0



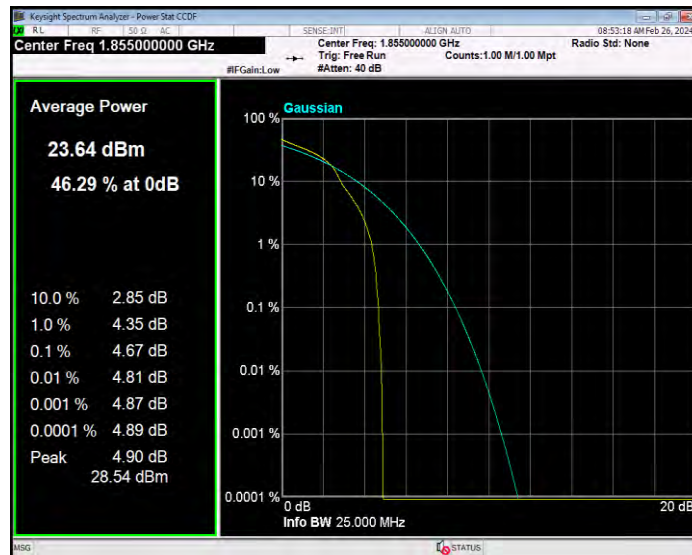
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=1 Position=#0



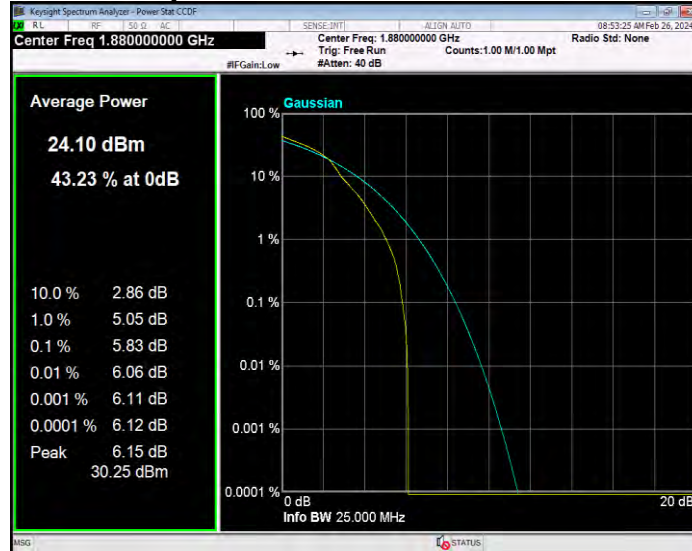
Band2 16QAM BW=1.4MHz Channel=19193 RB Size=1 Position=#0



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



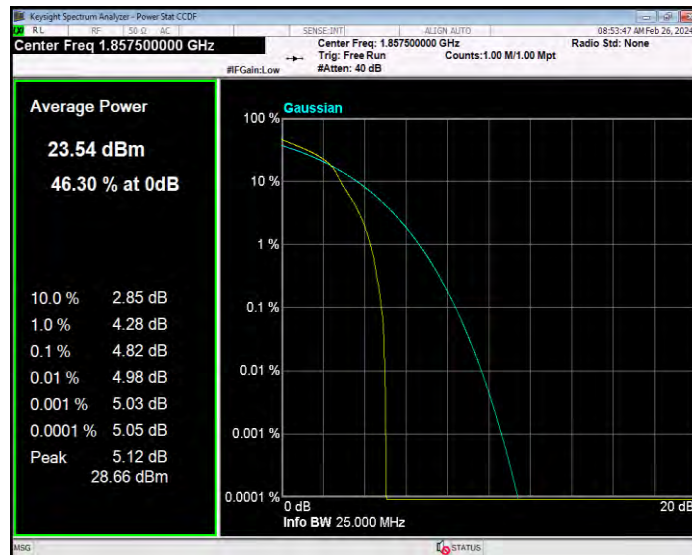
Band2 16QAM BW=10MHz Channel=18900 RB Size=1 Position=#0



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



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



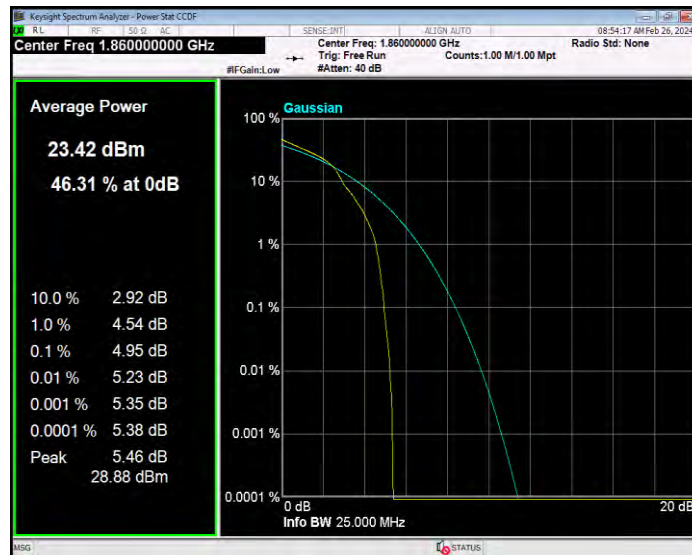
Band2 16QAM BW=15MHz Channel=18900 RB Size=1 Position=#0



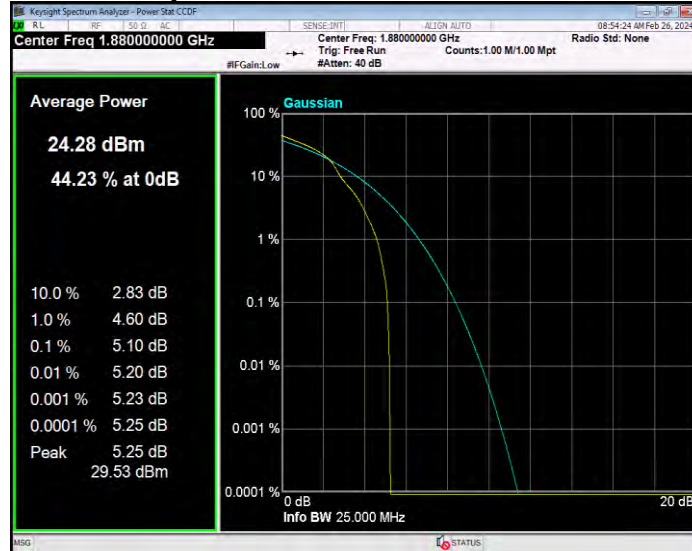
Band2 16QAM BW=15MHz Channel=19125 RB Size=1 Position=#0



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



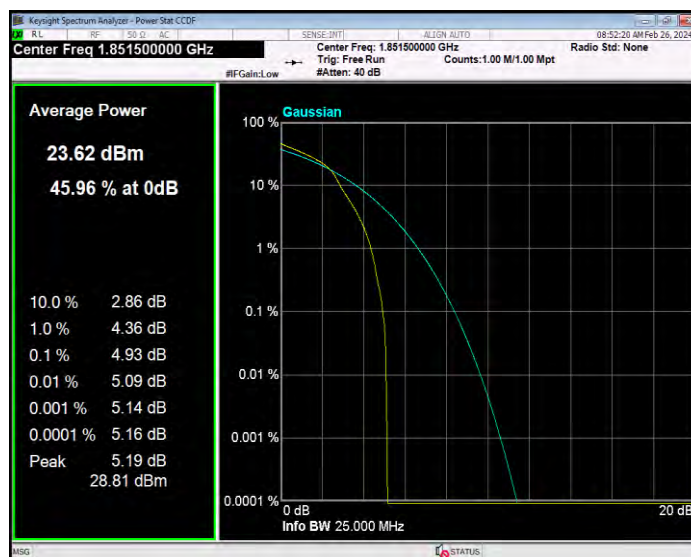
Band2 16QAM BW=20MHz Channel=18900 RB Size=1 Position=#0



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



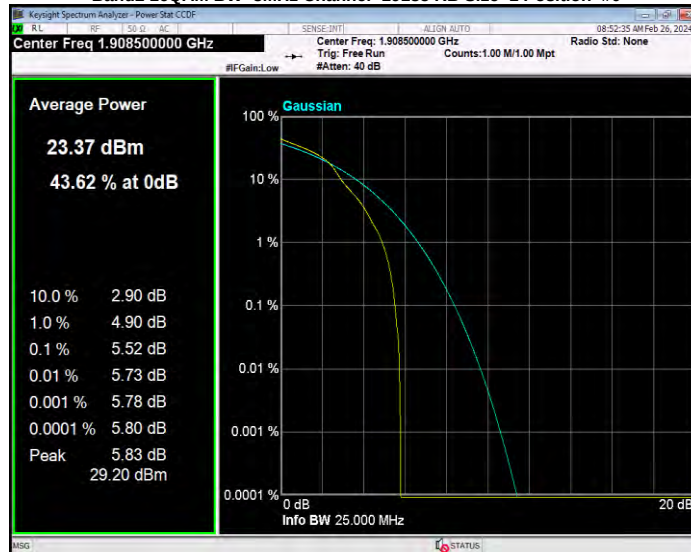
Band2 16QAM BW=3MHz Channel=18615 RB Size=1 Position=#0



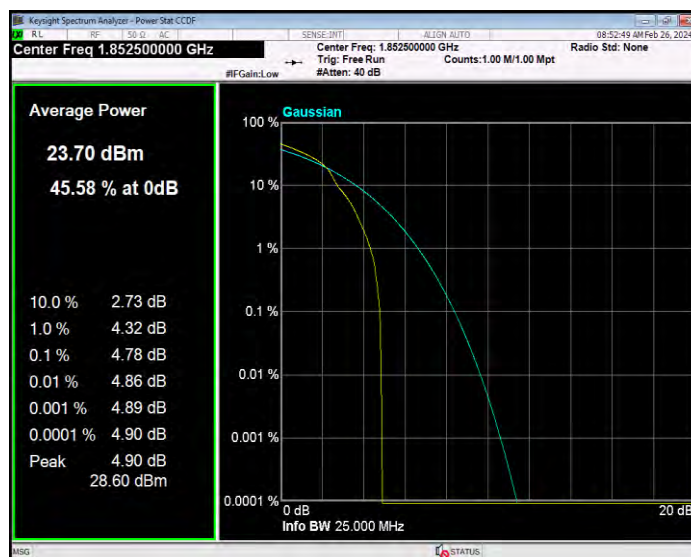
Band2 16QAM BW=3MHz Channel=18900 RB Size=1 Position=#0



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



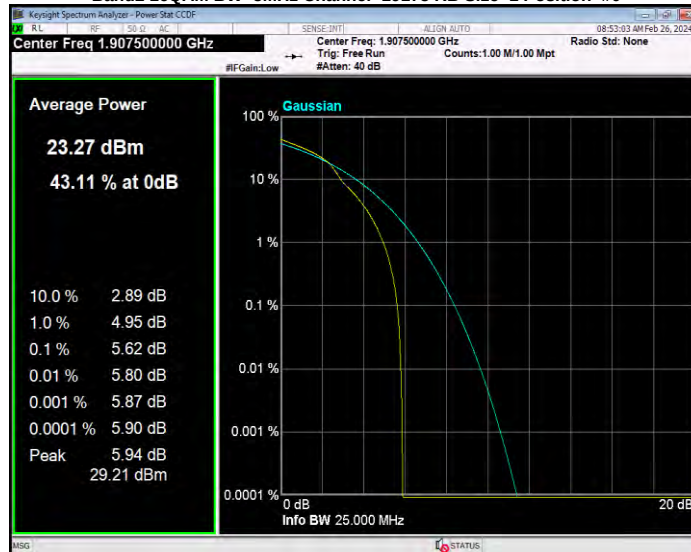
Band2 16QAM BW=5MHz Channel=18625 RB Size=1 Position=#0



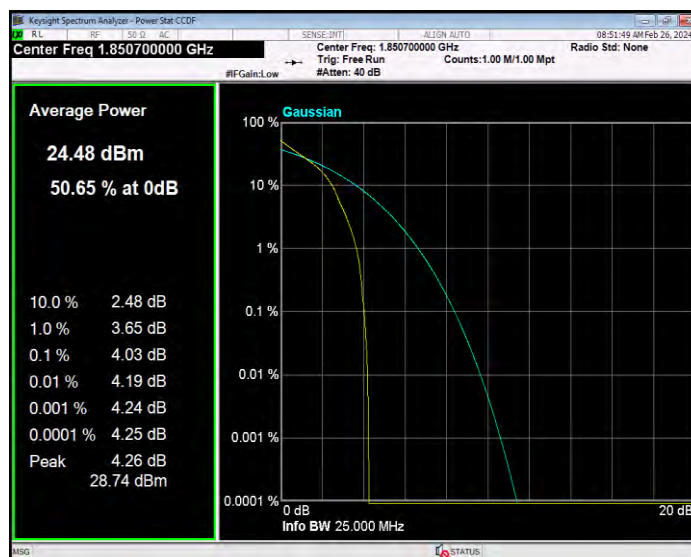
Band2 16QAM BW=5MHz Channel=18900 RB Size=1 Position=#0



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



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



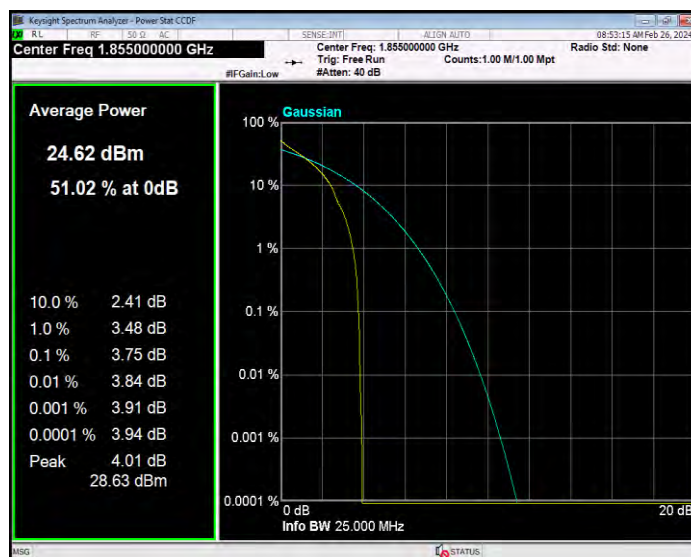
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=1 Position=#0



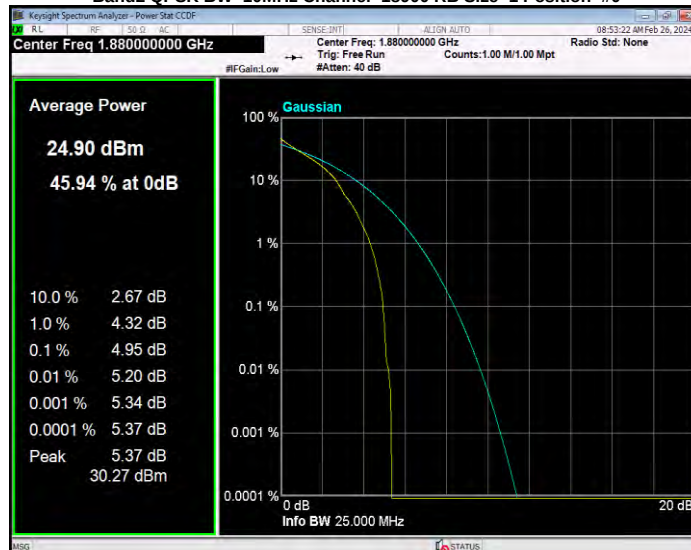
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=1 Position=#0



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



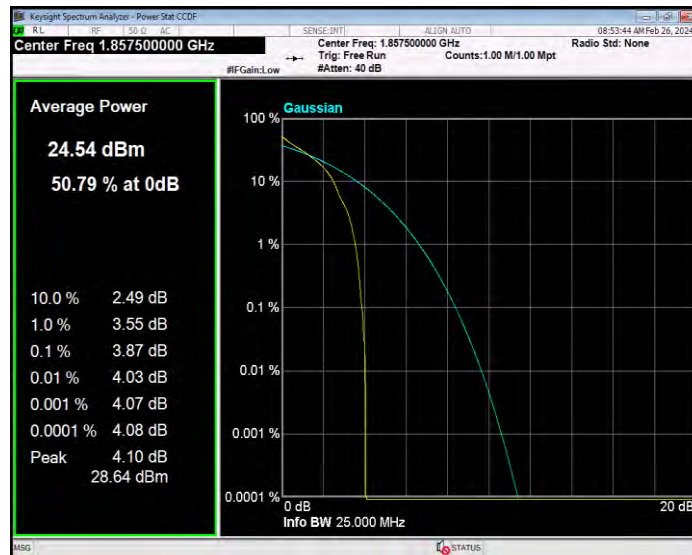
Band2 QPSK BW=10MHz Channel=18900 RB Size=1 Position=#0



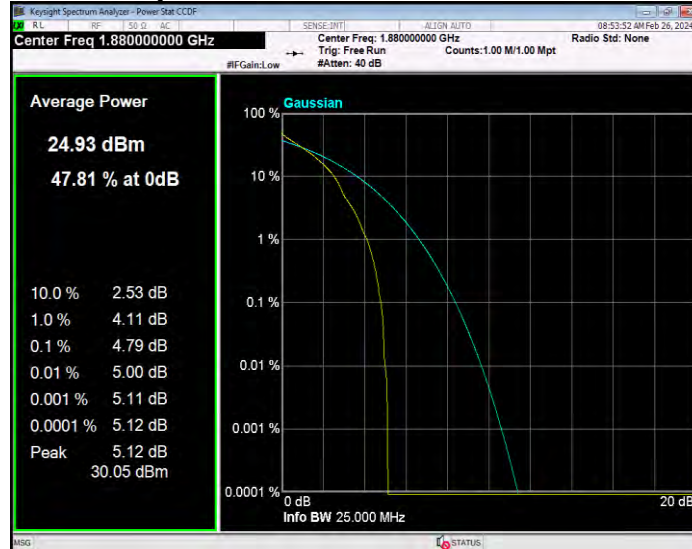
Band2 QPSK BW=10MHz Channel=19150 RB Size=1 Position=#0



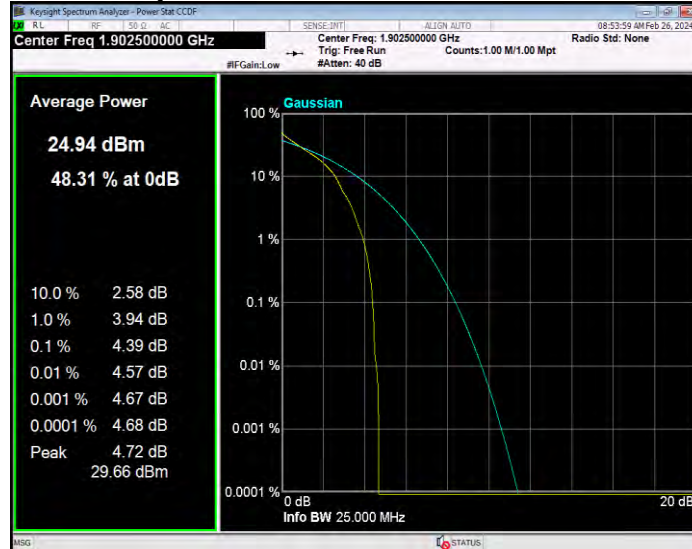
Band2 QPSK BW=15MHz Channel=18675 RB Size=1 Position=#0



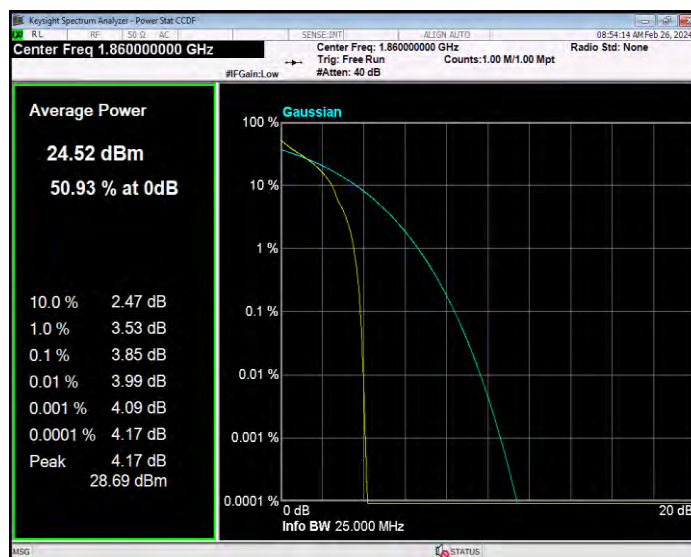
Band2 QPSK BW=15MHz Channel=18900 RB Size=1 Position=#0



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



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



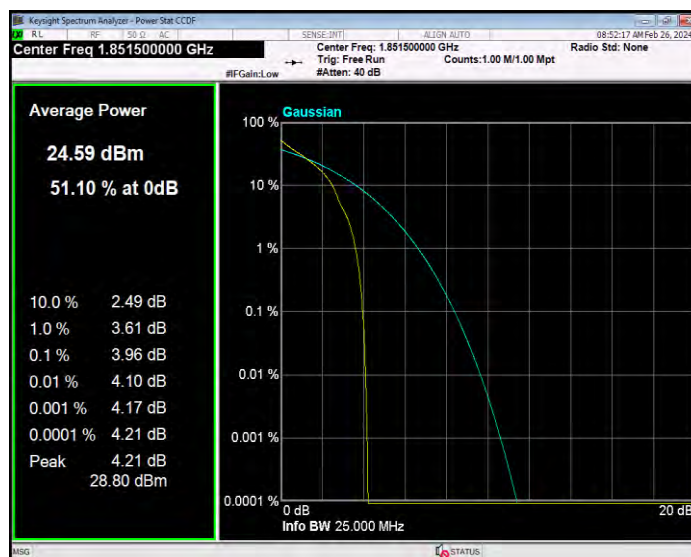
Band2 QPSK BW=20MHz Channel=18900 RB Size=1 Position=#0



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



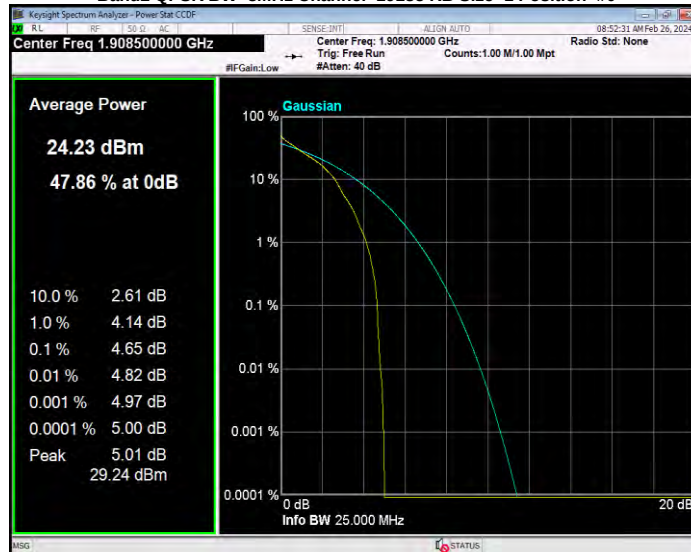
Band2 QPSK BW=3MHz Channel=18615 RB Size=1 Position=#0



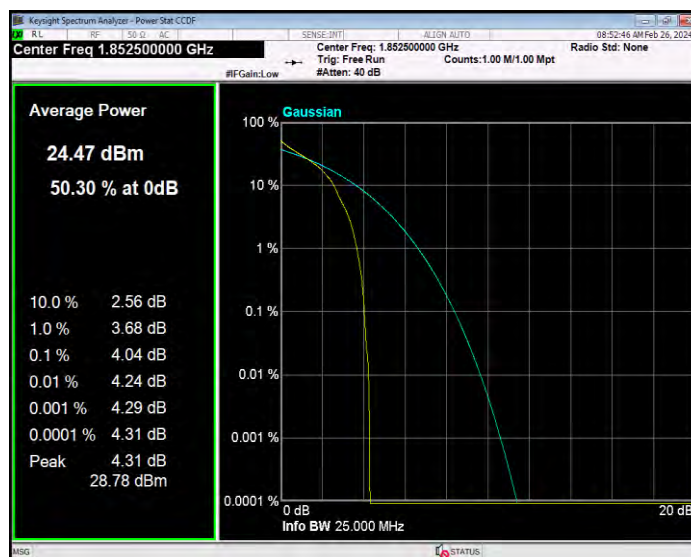
Band2 QPSK BW=3MHz Channel=18900 RB Size=1 Position=#0



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



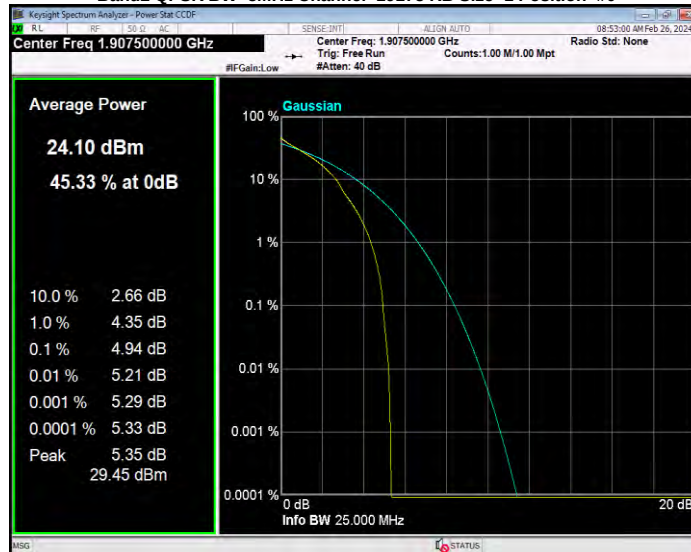
Band2 QPSK BW=5MHz Channel=18625 RB Size=1 Position=#0



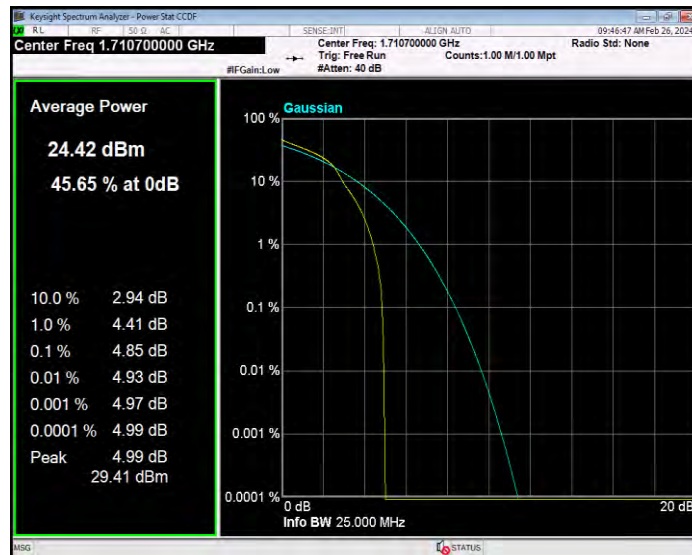
Band2 QPSK BW=5MHz Channel=18900 RB Size=1 Position=#0



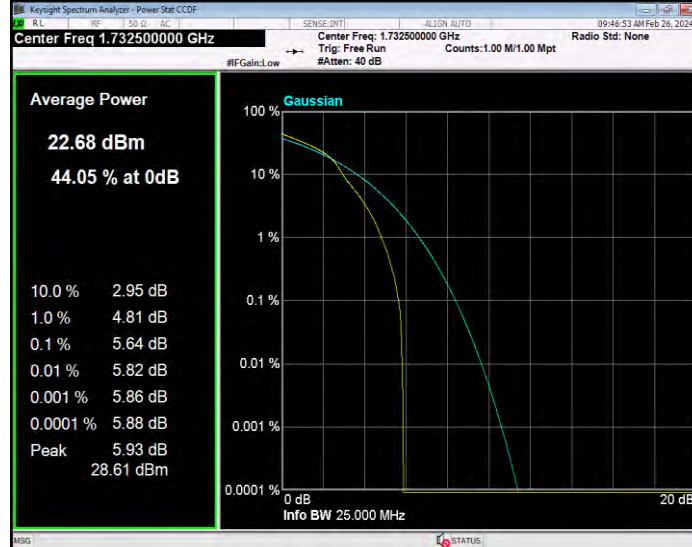
Band2 QPSK BW=5MHz Channel=19175 RB Size=1 Position=#0



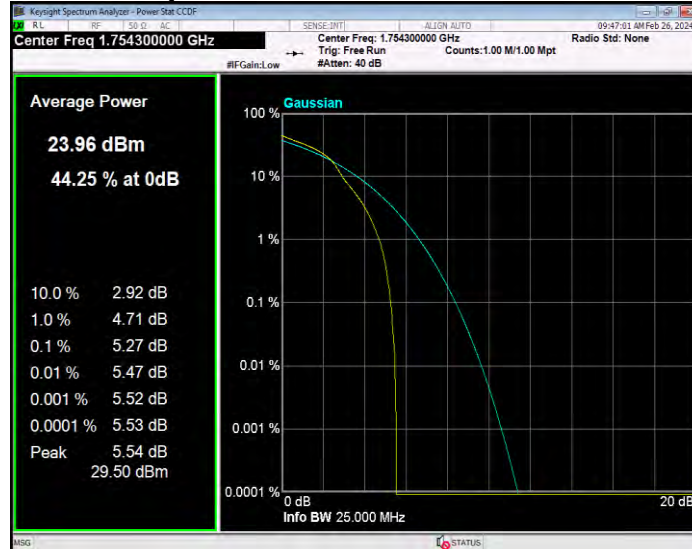
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=1 Position=#0



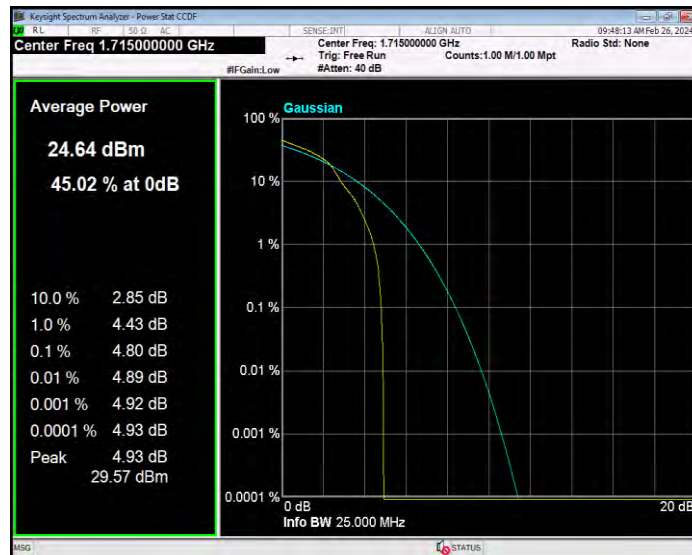
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=1 Position=#0



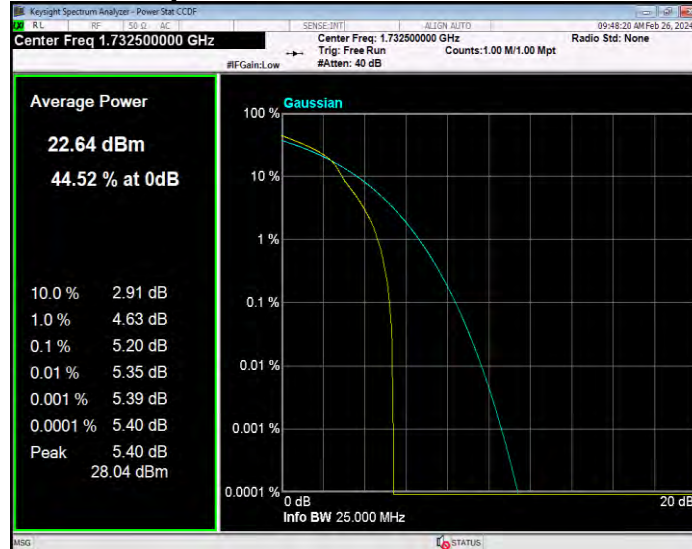
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=1 Position=#0



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



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



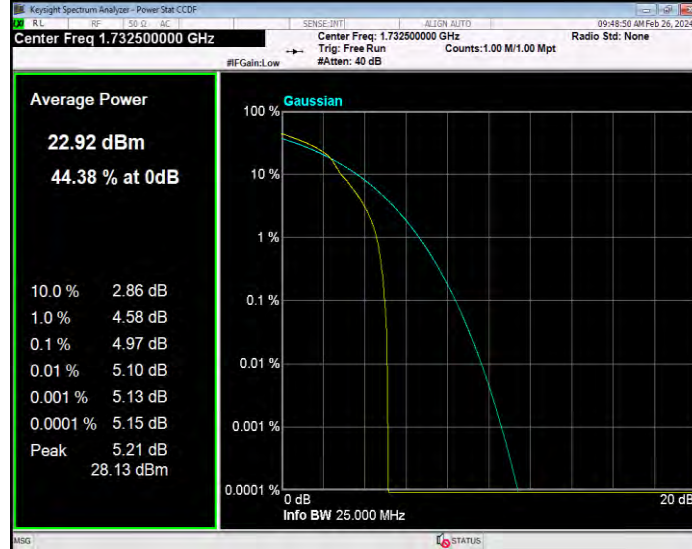
Band4 16QAM BW=10MHz Channel=20350 RB Size=1 Position=#0



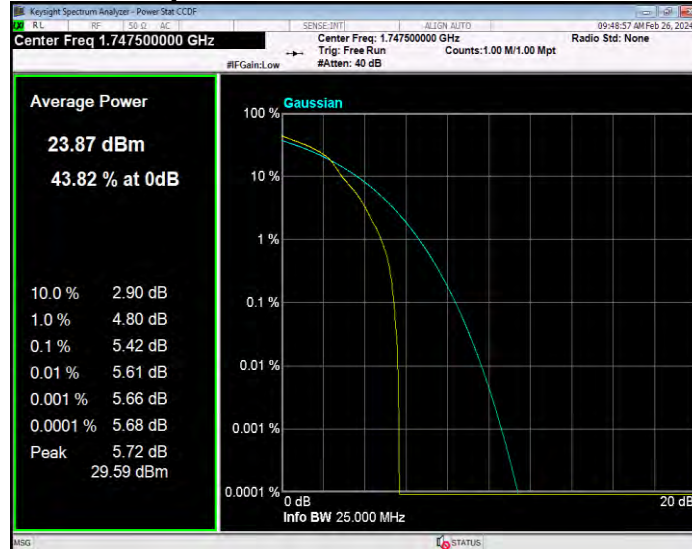
Band4 16QAM BW=15MHz Channel=20025 RB Size=1 Position=#0



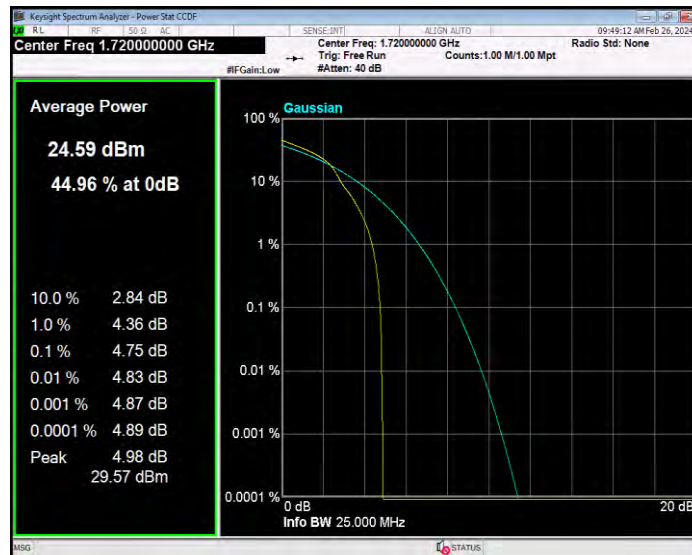
Band4 16QAM BW=15MHz Channel=20175 RB Size=1 Position=#0



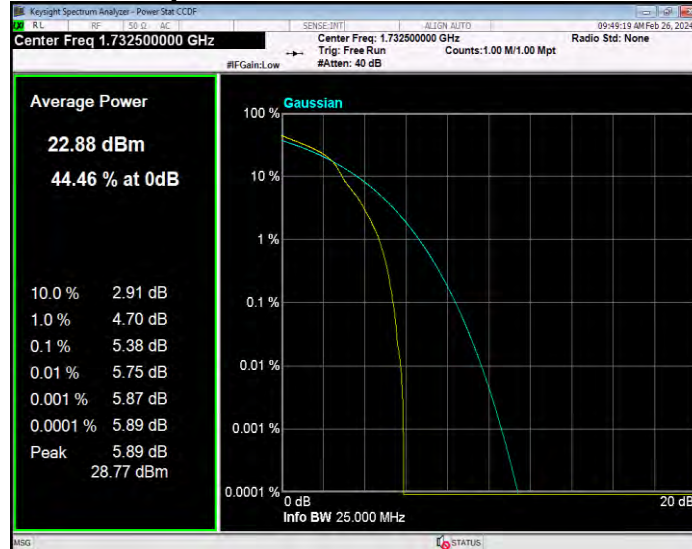
Band4 16QAM BW=15MHz Channel=20325 RB Size=1 Position=#0



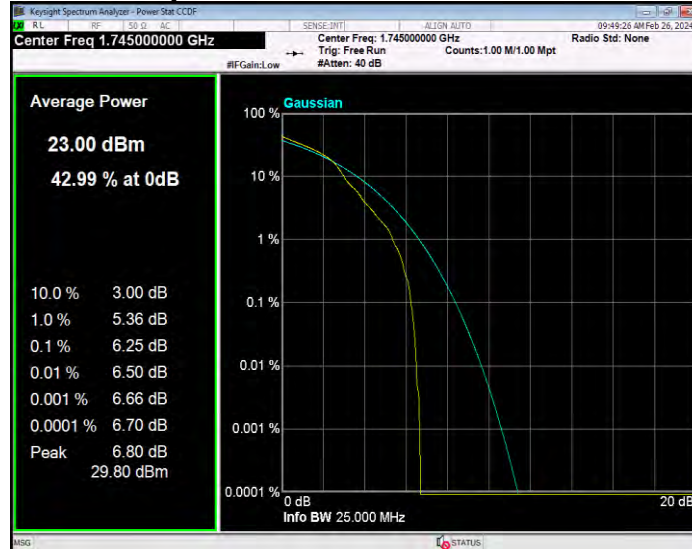
Band4 16QAM BW=20MHz Channel=20050 RB Size=1 Position=#0



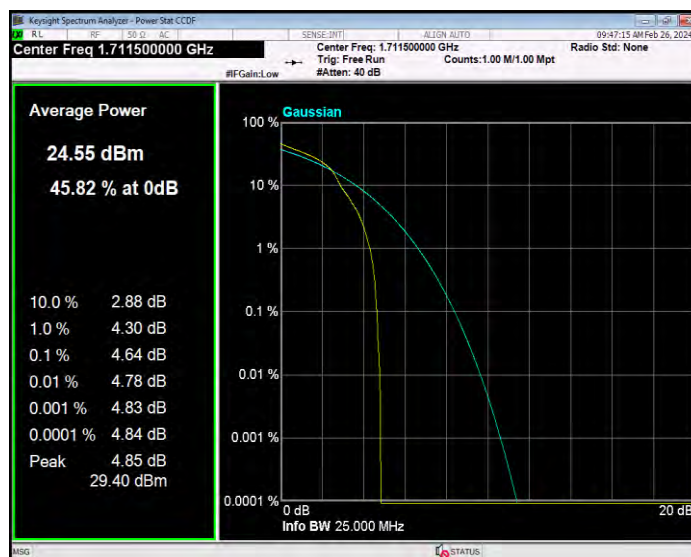
Band4 16QAM BW=20MHz Channel=20175 RB Size=1 Position=#0



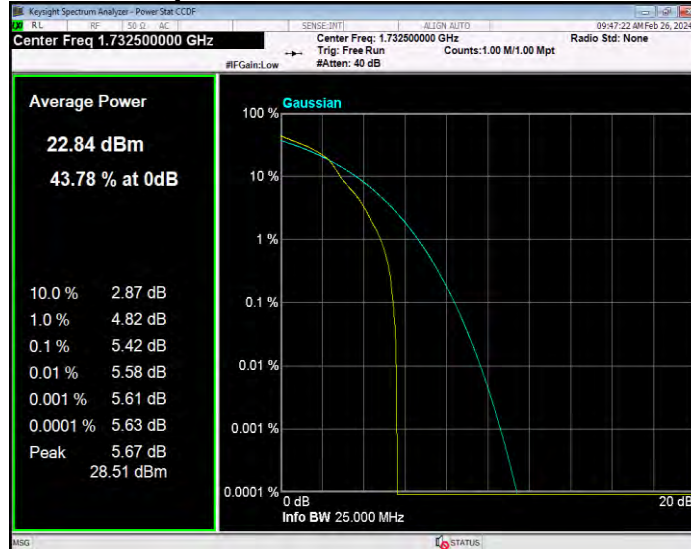
Band4 16QAM BW=20MHz Channel=20300 RB Size=1 Position=#0



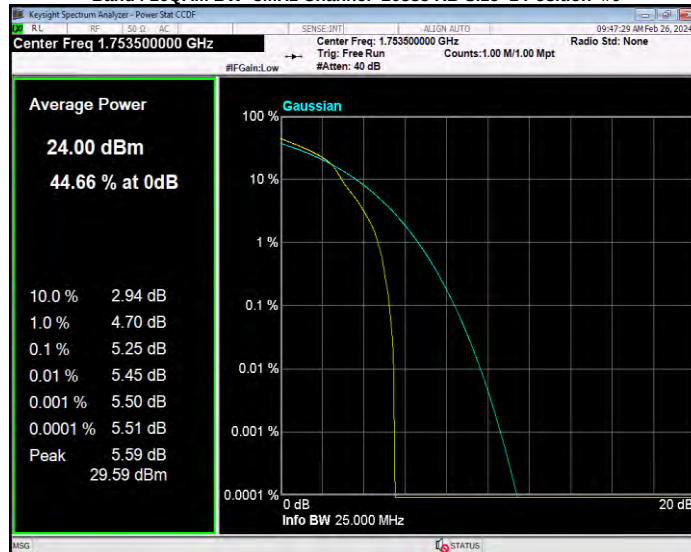
Band4 16QAM BW=3MHz Channel=19965 RB Size=1 Position=#0



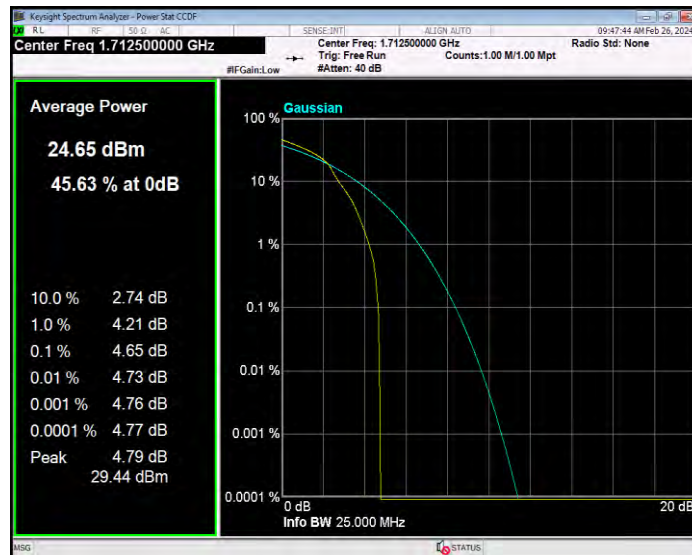
Band4 16QAM BW=3MHz Channel=20175 RB Size=1 Position=#0



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



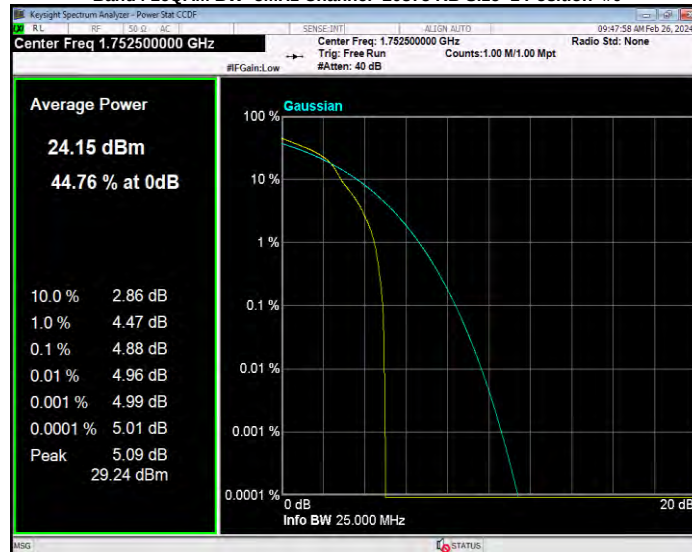
Band4 16QAM BW=5MHz Channel=19975 RB Size=1 Position=#0



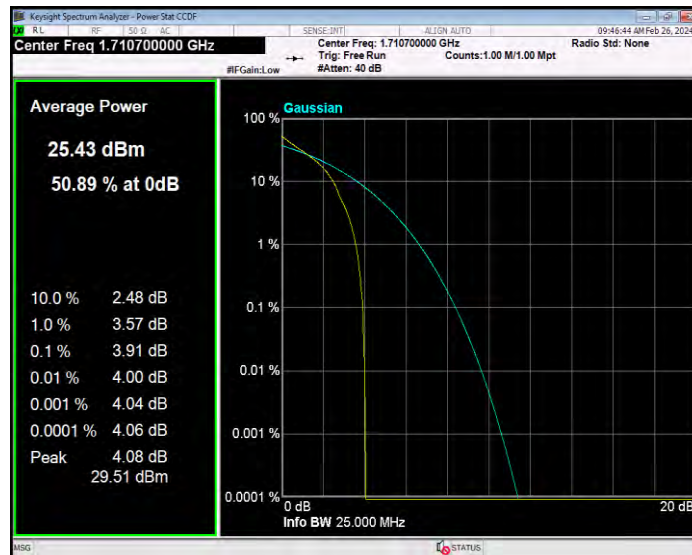
Band4 16QAM BW=5MHz Channel=20175 RB Size=1 Position=#0



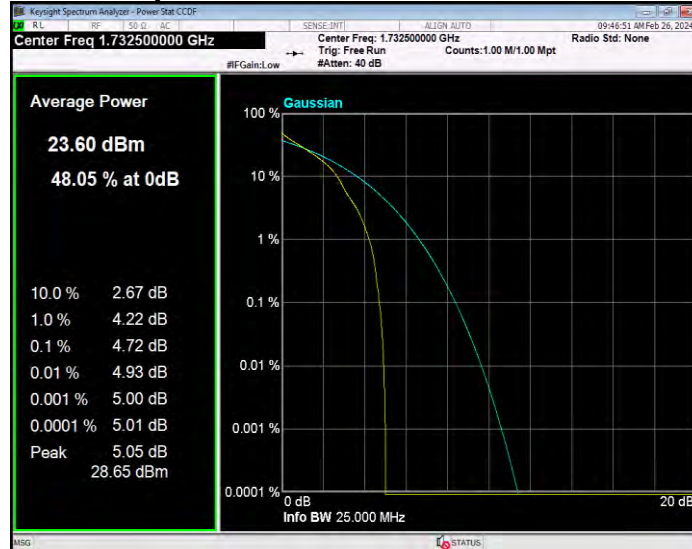
Band4 16QAM BW=5MHz Channel=20375 RB Size=1 Position=#0



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



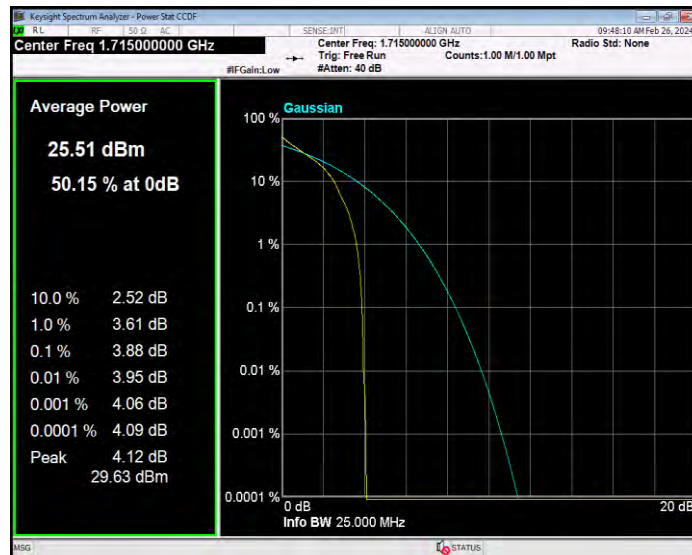
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0



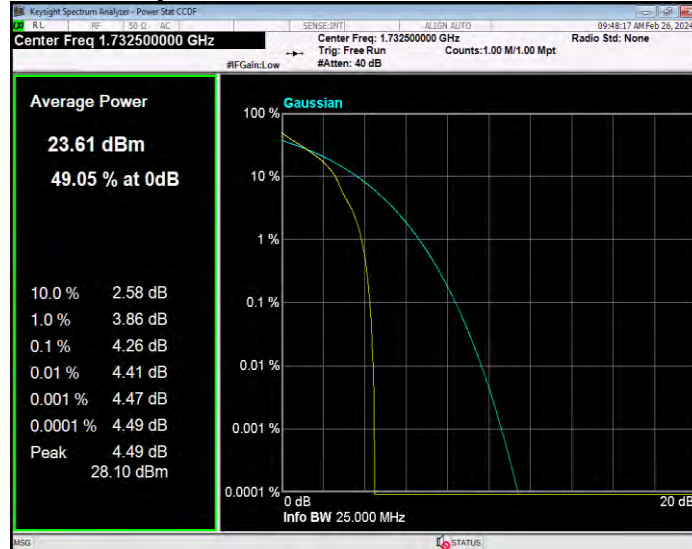
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=1 Position=#0



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



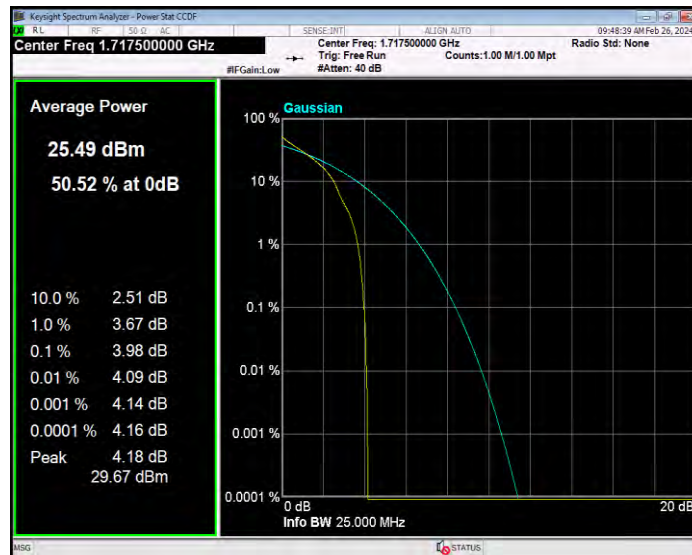
Band4 QPSK BW=10MHz Channel=20175 RB Size=1 Position=#0



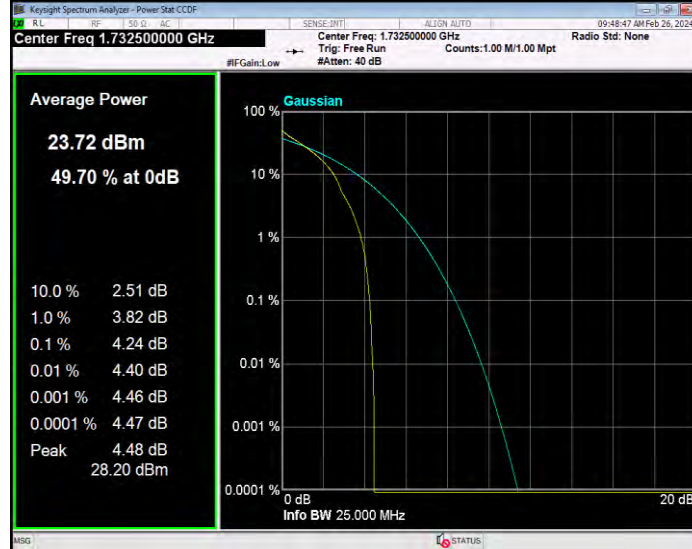
Band4 QPSK BW=10MHz Channel=20350 RB Size=1 Position=#0



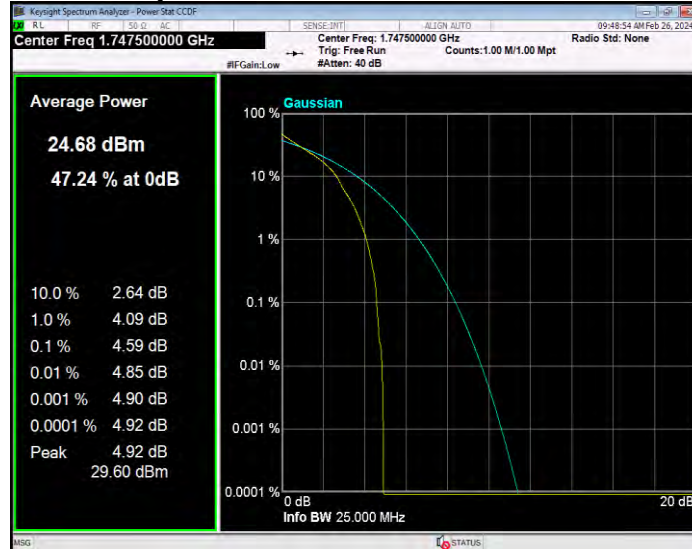
Band4 QPSK BW=15MHz Channel=20025 RB Size=1 Position=#0



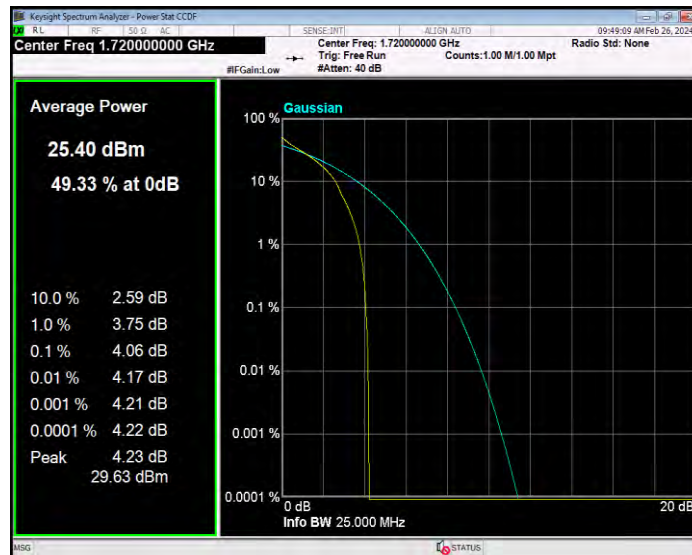
Band4 QPSK BW=15MHz Channel=20175 RB Size=1 Position=#0



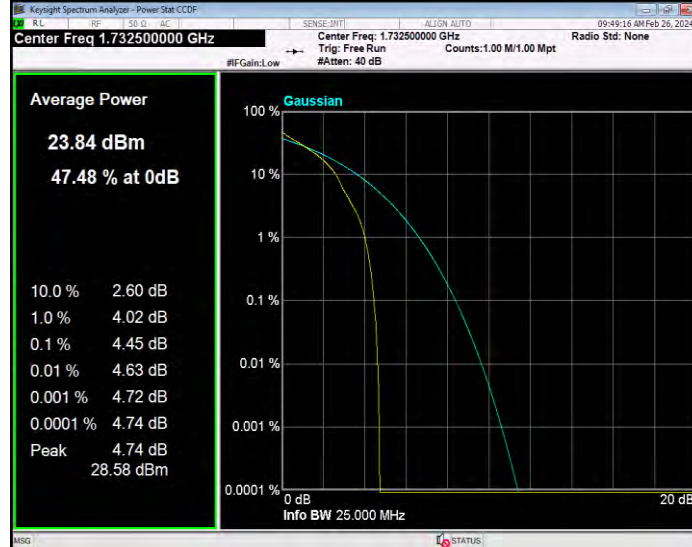
Band4 QPSK BW=15MHz Channel=20325 RB Size=1 Position=#0



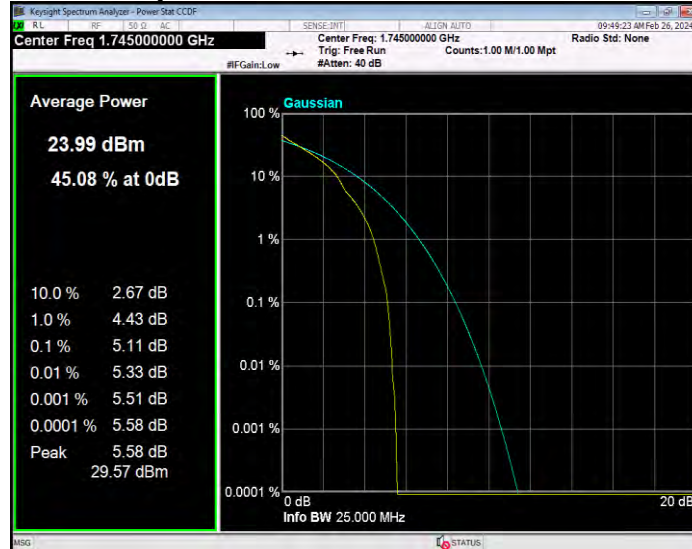
Band4 QPSK BW=20MHz Channel=20050 RB Size=1 Position=#0



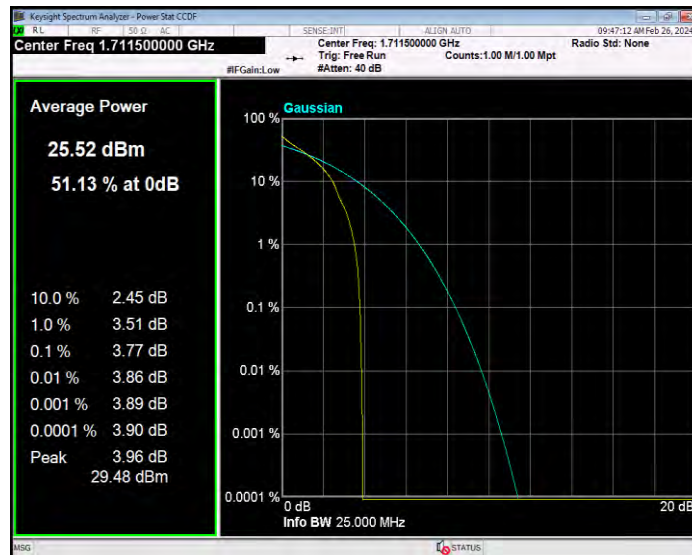
Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0



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



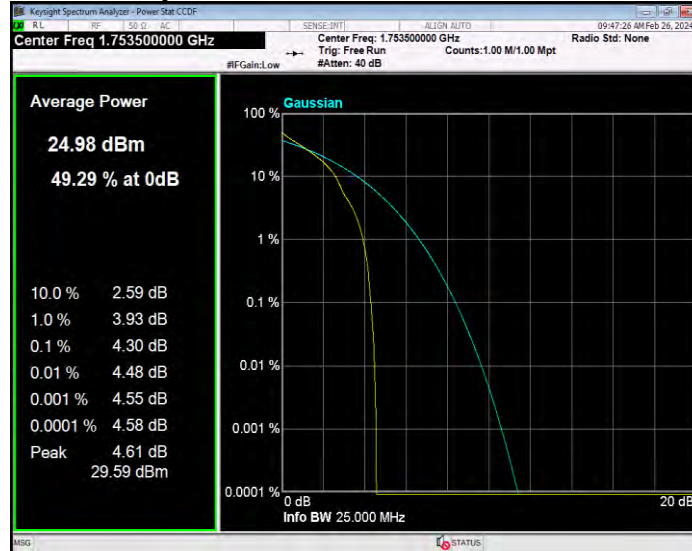
Band4 QPSK BW=3MHz Channel=19965 RB Size=1 Position=#0



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



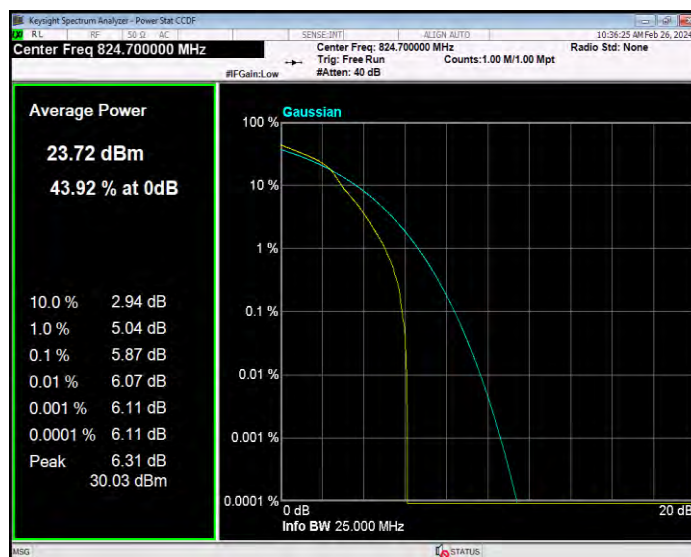
Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0



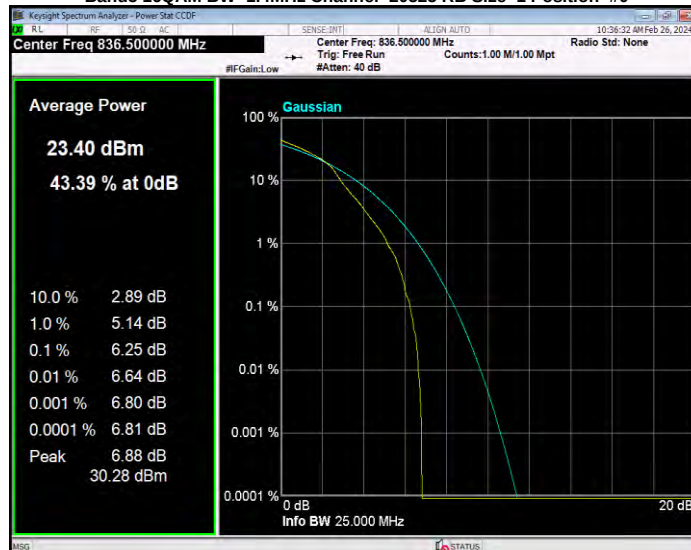
Band4 QPSK BW=5MHz Channel=20375 RB Size=1 Position=#0



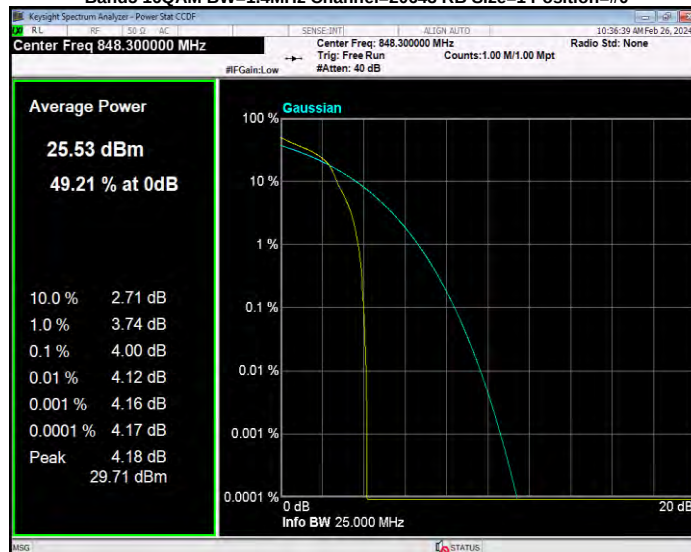
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=1 Position=#0



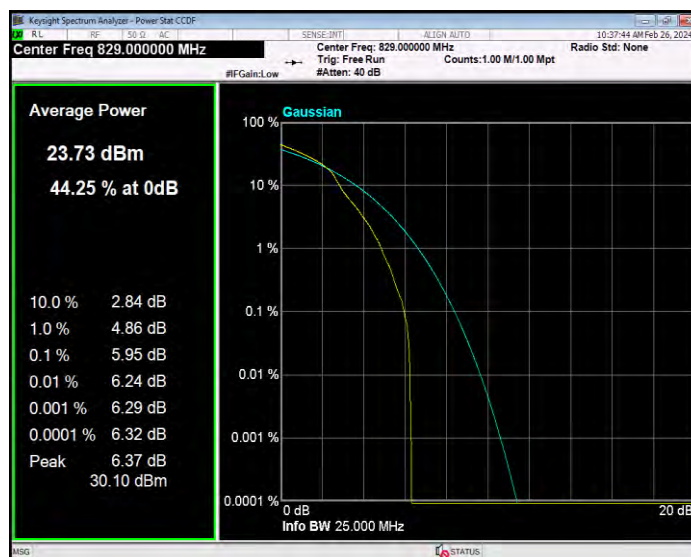
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=1 Position=#0



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



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



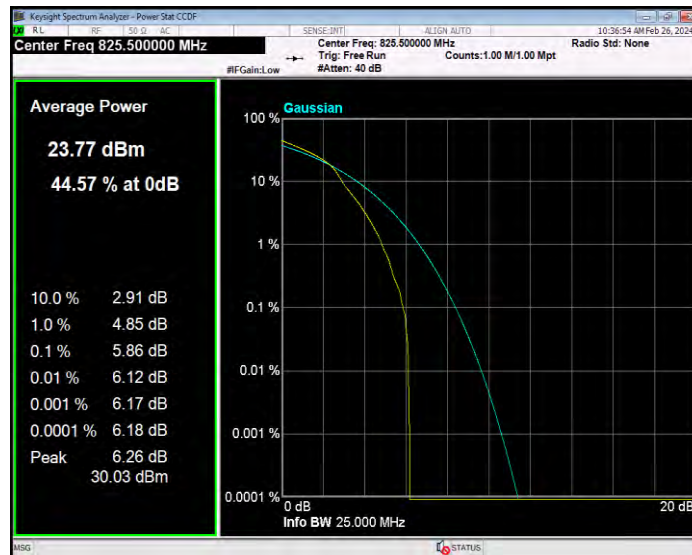
Band5 16QAM BW=10MHz Channel=20525 RB Size=1 Position=#0



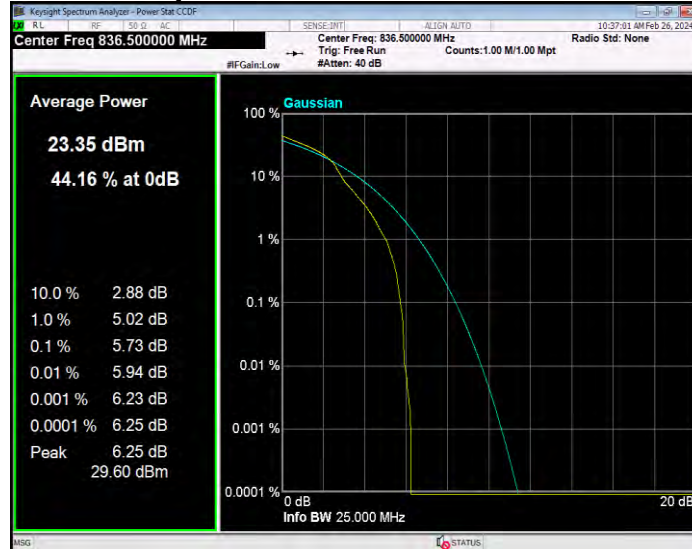
Band5 16QAM BW=10MHz Channel=20600 RB Size=1 Position=#0



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



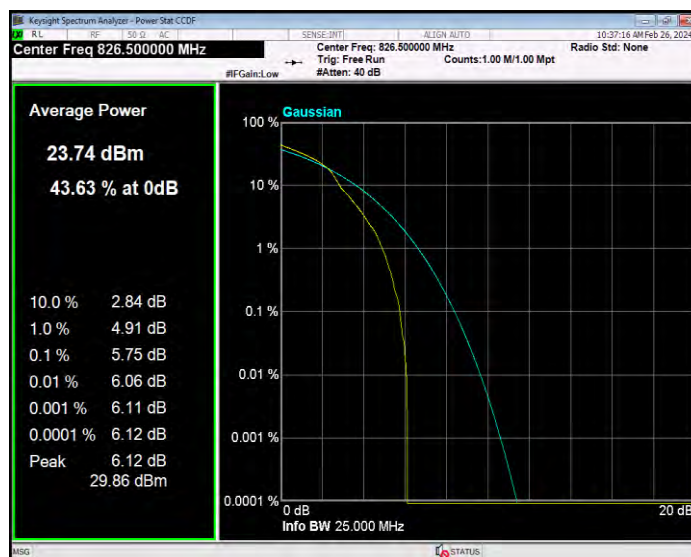
Band5 16QAM BW=3MHz Channel=20525 RB Size=1 Position=#0



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



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



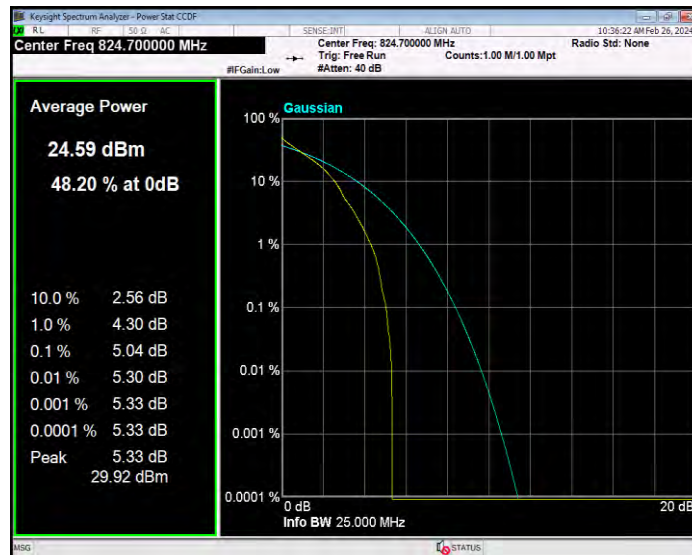
Band5 16QAM BW=5MHz Channel=20525 RB Size=1 Position=#0



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



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



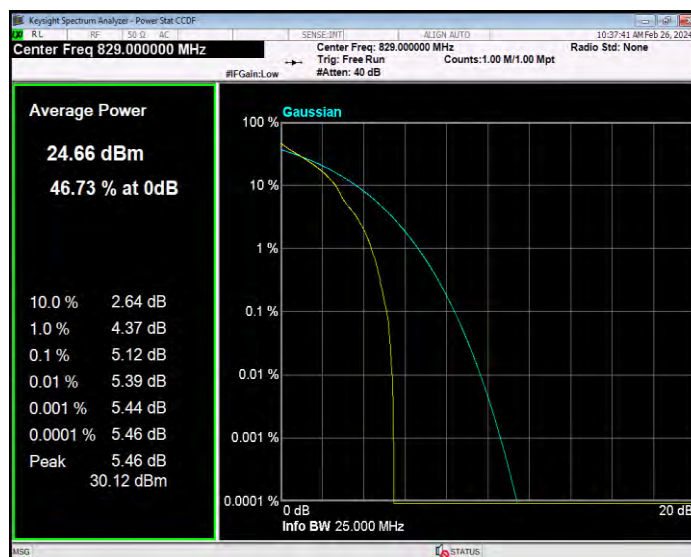
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=1 Position=#0



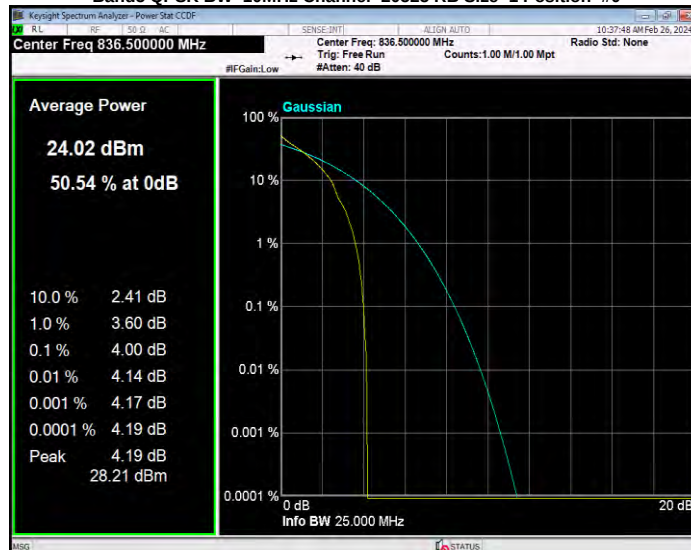
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=1 Position=#0



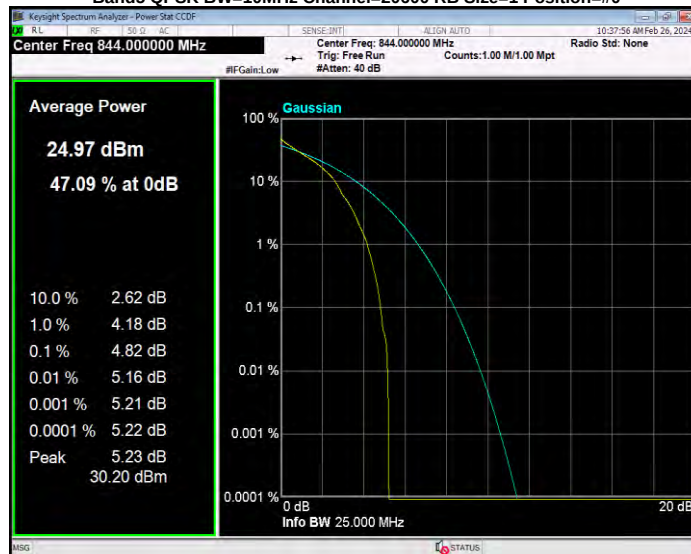
Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#0



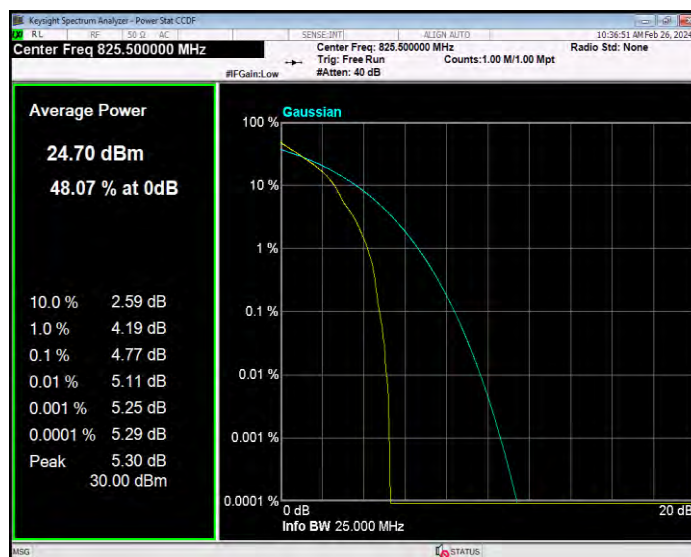
Band5 QPSK BW=10MHz Channel=20525 RB Size=1 Position=#0



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



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



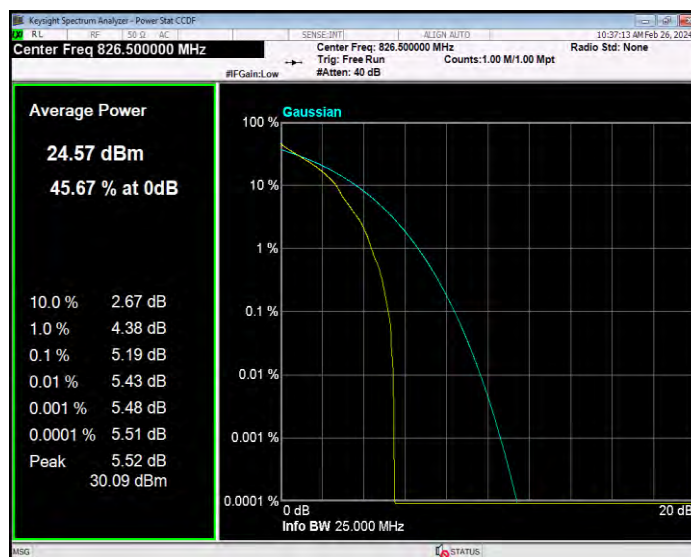
Band5 QPSK BW=3MHz Channel=20525 RB Size=1 Position=#0



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



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



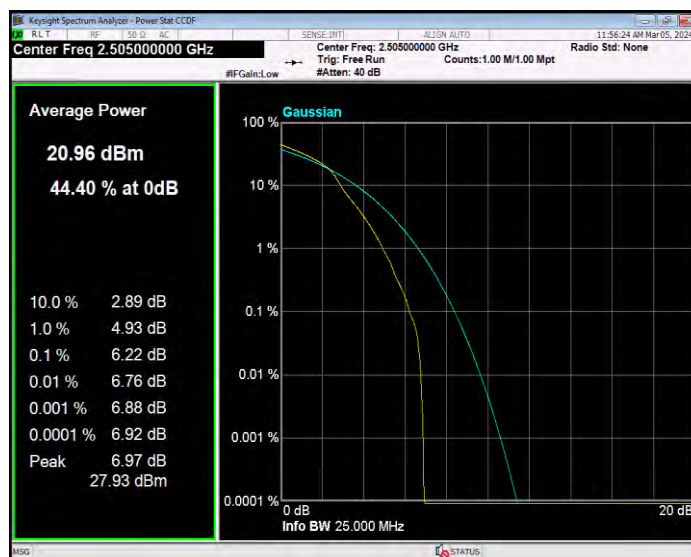
Band5 QPSK BW=5MHz Channel=20525 RB Size=1 Position=#0



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



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



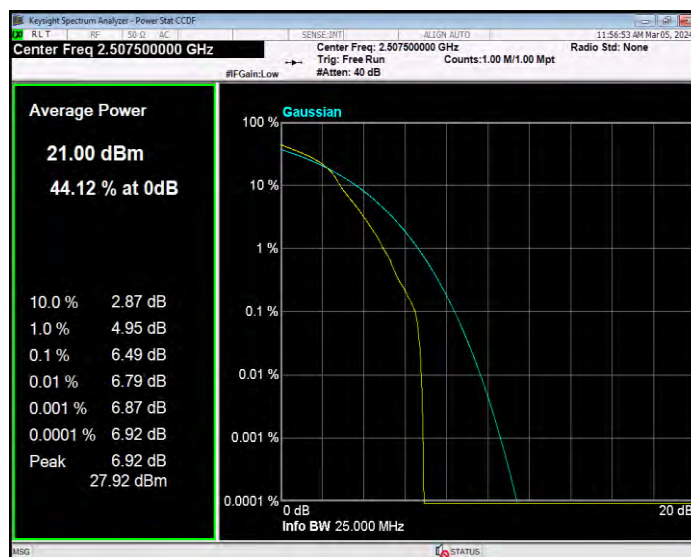
Band7 16QAM BW=10MHz Channel=21100 RB Size=1 Position=#0



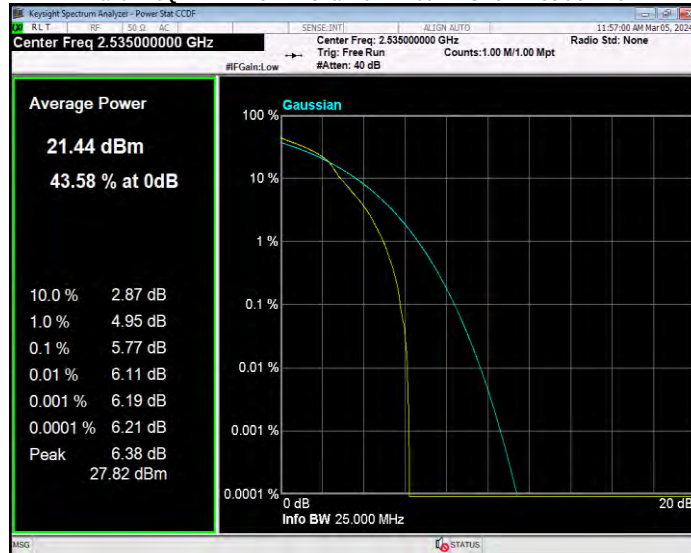
Band7 16QAM BW=10MHz Channel=21400 RB Size=1 Position=#0



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



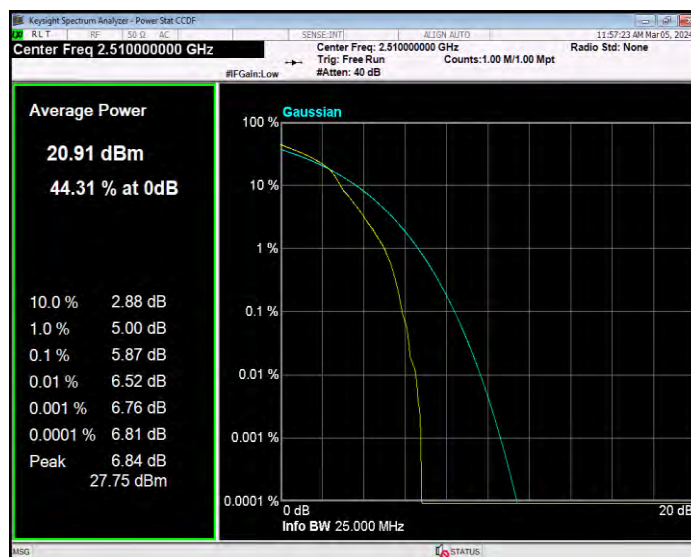
Band7 16QAM BW=15MHz Channel=21100 RB Size=1 Position=#0



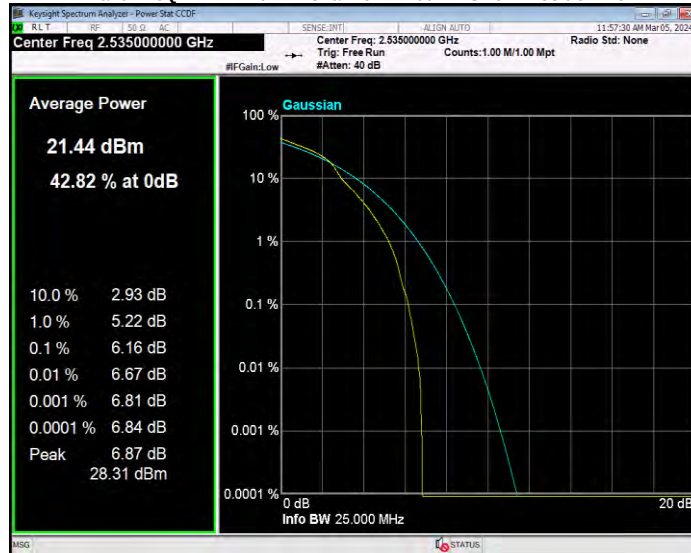
Band7 16QAM BW=15MHz Channel=21375 RB Size=1 Position=#0



Band7 16QAM BW=20MHz Channel=20850 RB Size=1 Position=#0



Band7 16QAM BW=20MHz Channel=21100 RB Size=1 Position=#0



Band7 16QAM BW=20MHz Channel=21350 RB Size=1 Position=#0



Band7 16QAM BW=5MHz Channel=20775 RB Size=1 Position=#0