

Frequency stability

LTE Band 2 (QPSK) / 1880MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-0.25	0.000	2.5ppm	PASS
40		-0.32	0.000		
30		-0.11	0.000		
20		-1.90	-0.001		
10		-0.41	0.000		
0		-0.24	0.000		
-10		-0.34	0.000		
-20		-0.16	0.000		
-30		-0.14	0.000		
20	Maximum Voltage	0.10	0.000	2.5ppm	PASS
20	BEP	-0.42	0.000		

LTE Band 2 (16QAM) / 1880MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	0.35	0.000	2.5ppm	PASS
40		-0.51	0.000		
30		0.67	0.000		
20		-2.75	-0.001		
10		-0.56	0.000		
0		0.32	0.000		
-10		0.62	0.000		
-20		-0.44	0.000		
-30		-0.27	0.000		
20	Maximum Voltage	0.17	0.000	2.5ppm	PASS
20	BEP	0.13	0.000		

LTE Band 4 (QPSK) / 1733MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	0.56	0.000	2.5ppm	PASS
40		-0.72	0.000		
30		0.63	0.000		
20		-2.68	-0.002		
10		-0.61	0.000		
0		-0.24	0.000		
-10		-0.69	0.000		
-20		-0.58	0.000		
-30		0.39	0.000		
20	Maximum Voltage	-0.62	0.000		
20	BEP	0.13	0.000		

LTE Band 4 (16QAM) / 1733MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-0.80	0.000	2.5ppm	PASS
40		-0.78	0.000		
30		0.77	0.000		
20		-0.13	0.000		
10		0.86	0.000		
0		-0.71	0.000		
-10		0.68	0.000		
-20		-0.54	0.000		
-30		-0.69	0.000		
20	Maximum Voltage	0.96	0.001		
20	BEP	1.08	0.001		

LTE Band 5 (QPSK) / 836.5MHz / BW10M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	1.11	0.001	2.5ppm	PASS
40		1.35	0.002		
30		-1.13	-0.001		
20		-3.78	-0.005		
10		-1.30	-0.002		
0		-1.16	-0.001		
-10		1.07	0.001		
-20		-0.96	-0.001		
-30		-1.24	-0.001		
20	Maximum Voltage	0.59	0.001		
20	BEP	0.49	0.001		

LTE Band 5 (16QAM) / 836.5MHz / BW10M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	-1.34	-0.002	2.5ppm	PASS
40		1.09	0.001		
30		1.34	0.002		
20		-4.33	-0.005		
10		1.30	0.002		
0		-1.54	-0.002		
-10		1.21	0.001		
-20		1.38	0.002		
-30		1.09	0.001		
20	Maximum Voltage	0.58	0.001		
20	BEP	0.67	0.001		

LTE Band 7 (QPSK) / 2535MHz / BW20M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	-1.31	-0.001	2.5ppm	PASS
40		1.73	0.001		
30		-1.55	-0.001		
20		-4.61	-0.002		
10		1.48	0.001		
0		1.36	0.001		
-10		1.23	0.000		
-20		1.45	0.001		
-30		-1.62	-0.001		
20	Maximum Voltage	0.82	0.000	2.5ppm	PASS
20	BEP	-2.54	-0.001		

LTE Band 7 (16QAM) / 2535MHz / BW20M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	3.43	0.001	2.5ppm	PASS
40		-3.36	-0.001		
30		3.74	0.001		
20		-8.60	-0.003		
10		-3.47	-0.001		
0		3.63	0.001		
-10		-3.51	-0.001		
-20		-3.72	-0.001		
-30		-3.66	-0.001		
20	Maximum Voltage	1.70	0.001	2.5ppm	PASS
20	BEP	-5.64	-0.002		

LTE Band 12 (QPSK) / 707.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-0.03	0.000	2.5ppm	PASS
40		0.16	0.000		
30		-0.03	0.000		
20		-1.04	-0.001		
10		-0.02	0.000		
0		0.26	0.000		
-10		0.26	0.000		
-20		0.24	0.000		
-30		-0.17	0.000		
20	Maximum Voltage	0.89	0.001	2.5ppm	PASS
20	BEP	0.19	0.000		

LTE Band 12 (16QAM) / 707.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-1.49	-0.002	2.5ppm	PASS
40		1.75	0.002		
30		-1.82	-0.003		
20		-5.08	-0.007		
10		1.50	0.002		
0		-1.88	-0.003		
-10		-1.90	-0.003		
-20		1.70	0.002		
-30		1.45	0.002		
20	Maximum Voltage	-2.93	-0.004	2.5ppm	PASS
20	BEP	-2.25	-0.003		

LTE Band 13 (QPSK) / 782MHz / BW10M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	-0.65	-0.001	2.5ppm	PASS
40		-0.53	-0.001		
30		-0.71	-0.001		
20		-3.15	-0.004		
10		1.03	0.001		
0		-0.86	-0.001		
-10		0.81	0.001		
-20		0.91	0.001		
-30		-0.87	-0.001		
20	Maximum Voltage	-1.06	-0.001	2.5ppm	PASS
20	BEP	-1.14	-0.001		

LTE Band 13 (16QAM) / 782MHz / BW10M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	0.10	0.000	2.5ppm	PASS
40		-0.08	0.000		
30		0.02	0.000		
20		-1.37	-0.002		
10		0.39	0.000		
0		0.27	0.000		
-10		-0.16	0.000		
-20		-0.44	-0.001		
-30		0.23	0.000		
20	Maximum Voltage	-0.11	0.000	2.5ppm	PASS
20	BEP	0.34	0.000		

LTE Band 17 (QPSK) / 710MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-1.19	-0.002	2.5ppm	PASS
40		-1.04	-0.001		
30		-1.47	-0.002		
20		-4.29	-0.006		
10		-1.49	-0.002		
0		1.23	0.002		
-10		1.32	0.002		
-20		1.22	0.002		
-30		1.14	0.002		
20	Maximum Voltage	-2.28	-0.003	2.5ppm	PASS
20	BEP	0.81	0.001		

LTE Band 17 (16QAM) / 710MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	0.29	0.000	2.5ppm	PASS
40		-0.69	-0.001		
30		-0.20	0.000		
20		-2.56	-0.004		
10		-0.73	-0.001		
0		-0.71	-0.001		
-10		0.71	0.001		
-20		0.41	0.001		
-30		0.50	0.001		
20	Maximum Voltage	-0.70	-0.001	2.5ppm	PASS
20	BEP	0.32	0.000		

LTE Band 25 (QPSK) / 1882.5MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-1.18	-0.001	2.5ppm	PASS
40		1.13	0.001		
30		1.56	0.001		
20		-4.28	-0.002		
10		-1.38	-0.001		
0		-1.09	-0.001		
-10		1.55	0.001		
-20		1.05	0.001		
-30		1.42	0.001		
20	Maximum Voltage	0.56	0.000		
20	BEP	-2.36	-0.001		

LTE Band 25 (16QAM) / 1882.5MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-2.08	-0.001	2.5ppm	PASS
40		2.06	0.001		
30		2.14	0.001		
20		-5.41	-0.003		
10		1.69	0.001		
0		-1.99	-0.001		
-10		1.70	0.001		
-20		-1.98	-0.001		
-30		-2.15	-0.001		
20	Maximum Voltage	0.95	0.001		
20	BEP	-3.09	-0.002		

LTE Band 26 (QPSK) / 819MHz / BW10M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	0.95	0.001	2.5ppm	PASS
40		-1.11	-0.001		
30		-0.61	-0.001		
20		-3.35	-0.004		
10		0.94	0.001		
0		-1.13	-0.001		
-10		0.68	0.001		
-20		-0.98	-0.001		
-30		0.62	0.001		
20	Maximum Voltage	-1.61	-0.002	2.5ppm	PASS
20	BEP	0.47	0.001		

LTE Band 26 (16QAM) / 819MHz / BW10M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	0.70	0.001	2.5ppm	PASS
40		-0.69	-0.001		
30		0.76	0.001		
20		-3.36	-0.004		
10		0.62	0.001		
0		0.76	0.001		
-10		0.62	0.001		
-20		0.65	0.001		
-30		-1.10	-0.001		
20	Maximum Voltage	0.34	0.000	2.5ppm	PASS
20	BEP	-1.28	-0.002		

LTE Band 26 (QPSK) / 836.5MHz / BW15M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-1.00	-0.001	2.5ppm	PASS
40		1.27	0.002		
30		-1.40	-0.002		
20		-4.16	-0.005		
10		1.49	0.002		
0		-0.99	-0.001		
-10		-1.42	-0.002		
-20		-1.33	-0.002		
-30		-1.24	-0.001		
20	Maximum Voltage	-2.29	-0.003		
20	BEP	0.60	0.001		

LTE Band 26 (16QAM) / 836.5MHz / BW15M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-0.02	0.000	2.5ppm	PASS
40		-0.08	0.000		
30		0.21	0.000		
20		-1.86	-0.002		
10		-0.01	0.000		
0		0.14	0.000		
-10		0.30	0.000		
-20		0.07	0.000		
-30		-0.01	0.000		
20	Maximum Voltage	-0.44	-0.001		
20	BEP	0.16	0.000		

LTE Band 38 (QPSK) / 2595MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	1.69	0.001	2.5ppm	PASS
40		1.34	0.001		
30		1.65	0.001		
20		1.26	0.000		
10		1.65	0.001		
0		-1.56	-0.001		
-10		1.75	0.001		
-20		-1.26	0.000		
-30		-1.50	-0.001		
20	Maximum Voltage	-0.82	0.000		
20	BEP	1.80	0.001		

LTE Band 38 (16QAM) / 2595MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	1.13	0.000	2.5ppm	PASS
40		-1.58	-0.001		
30		1.15	0.000		
20		1.10	0.000		
10		-1.37	-0.001		
0		1.10	0.000		
-10		1.51	0.001		
-20		-1.61	-0.001		
-30		-1.24	0.000		
20	Maximum Voltage	1.80	0.001		
20	BEP	2.39	0.001		

Band40(2350-2360)(QPSK) / 2355MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	0.28	0.000	2.5ppm	PASS
40		0.10	0.000		
30		-0.25	0.000		
20		-1.97	-0.001		
10		-0.37	0.000		
0		-0.21	0.000		
-10		0.24	0.000		
-20		-0.34	0.000		
-30		0.25	0.000		
20	Maximum Voltage	-0.02	0.000		
20	BEP	-0.01	0.000		

Band40(2350-2360)(16QAM) / 2355MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-1.32	-0.001	2.5ppm	PASS
40		0.86	0.000		
30		-1.12	0.000		
20		0.49	0.000		
10		-0.77	0.000		
0		-1.33	-0.001		
-10		1.15	0.000		
-20		1.27	0.001		
-30		-1.37	-0.001		
20	Maximum Voltage	1.20	0.001		
20	BEP	-0.43	0.000		

Band40(2305-2315) (QPSK) / 2310MHz / BW10M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	0.33	0.000	2.5ppm	PASS
40		0.30	0.000		
30		0.04	0.000		
20		-1.16	-0.001		
10		-0.25	0.000		
0		0.00	0.000		
-10		0.51	0.000		
-20		-0.48	0.000		
-30		-0.29	0.000		
20	Maximum Voltage	0.52	0.000	2.5ppm	PASS
20	BEP	0.05	0.000		

Band40(2305-2315) (16QAM) / 2310MHz / BW10M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	-1.62	-0.001	2.5ppm	PASS
40		1.64	0.001		
30		-1.22	-0.001		
20		1.19	0.001		
10		1.53	0.001		
0		1.35	0.001		
-10		-1.14	0.000		
-20		-1.70	-0.001		
-30		-1.47	-0.001		
20	Maximum Voltage	-0.66	0.000	2.5ppm	PASS
20	BEP	1.70	0.001		

LTE Band 41 (QPSK) / 2593MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-0.82	0.000	2.5ppm	PASS
40		0.89	0.000		
30		0.74	0.000		
20		0.21	0.000		
10		-0.93	0.000		
0		-1.06	0.000		
-10		-0.90	0.000		
-20		1.00	0.000		
-30		-0.81	0.000		
20	Maximum Voltage	1.48	0.001		
20	BEP	-0.41	0.000		

LTE Band 41 (16QAM) / 2593MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	2.95	0.001	2.5ppm	PASS
40		2.56	0.001		
30		2.87	0.001		
20		3.78	0.001		
10		2.86	0.001		
0		-2.49	-0.001		
-10		2.47	0.001		
-20		-2.89	-0.001		
-30		2.56	0.001		
20	Maximum Voltage	4.44	0.002		
20	BEP	-1.37	-0.001		

LTE Band 66 (QPSK) / 1745MHz / BW20M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	-0.38	0.000	2.5ppm	PASS
40		-0.33	0.000		
30		-0.02	0.000		
20		-1.92	-0.001		
10		-0.09	0.000		
0		0.01	0.000		
-10		0.34	0.000		
-20		-0.20	0.000		
-30		-0.32	0.000		
20	Maximum Voltage	-0.03	0.000		
20	BEP	0.17	0.000		

LTE Band 66 (16QAM) / 1745MHz / BW20M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	0.57	0.000	2.5ppm	PASS
40		0.31	0.000		
30		-0.09	0.000		
20		-2.26	-0.001		
10		0.47	0.000		
0		0.43	0.000		
-10		-0.29	0.000		
-20		0.23	0.000		
-30		-0.20	0.000		
20	Maximum Voltage	0.17	0.000		
20	BEP	0.26	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	4.89	13	PASS
Band2	1.4	18607	1	#0	16QAM	5.76	13	PASS
Band2	1.4	18900	1	#0	QPSK	5.06	13	PASS
Band2	1.4	18900	1	#0	16QAM	6.00	13	PASS
Band2	1.4	19193	1	#0	QPSK	4.74	13	PASS
Band2	1.4	19193	1	#0	16QAM	5.58	13	PASS
Band2	3	18615	1	#0	QPSK	4.84	13	PASS
Band2	3	18615	1	#0	16QAM	5.62	13	PASS
Band2	3	18900	1	#0	QPSK	5.01	13	PASS
Band2	3	18900	1	#0	16QAM	5.95	13	PASS
Band2	3	19185	1	#0	QPSK	4.66	13	PASS
Band2	3	19185	1	#0	16QAM	5.52	13	PASS
Band2	5	18625	1	#0	QPSK	4.78	13	PASS
Band2	5	18625	1	#0	16QAM	5.62	13	PASS
Band2	5	18900	1	#0	QPSK	4.87	13	PASS
Band2	5	18900	1	#0	16QAM	5.53	13	PASS
Band2	5	19175	1	#0	QPSK	4.51	13	PASS
Band2	5	19175	1	#0	16QAM	5.29	13	PASS
Band2	10	18650	1	#0	QPSK	4.78	13	PASS
Band2	10	18650	1	#0	16QAM	5.72	13	PASS
Band2	10	18900	1	#0	QPSK	4.71	13	PASS
Band2	10	18900	1	#0	16QAM	5.36	13	PASS
Band2	10	19150	1	#0	QPSK	4.40	13	PASS
Band2	10	19150	1	#0	16QAM	5.29	13	PASS
Band2	15	18675	1	#0	QPSK	4.83	13	PASS
Band2	15	18675	1	#0	16QAM	5.68	13	PASS
Band2	15	18900	1	#0	QPSK	4.85	13	PASS
Band2	15	18900	1	#0	16QAM	5.66	13	PASS
Band2	15	19125	1	#0	QPSK	4.01	13	PASS
Band2	15	19125	1	#0	16QAM	4.83	13	PASS
Band2	20	18700	1	#0	QPSK	4.89	13	PASS
Band2	20	18700	1	#0	16QAM	5.81	13	PASS
Band2	20	18900	1	#0	QPSK	4.62	13	PASS
Band2	20	18900	1	#0	16QAM	5.27	13	PASS
Band2	20	19100	1	#0	QPSK	4.38	13	PASS
Band2	20	19100	1	#0	16QAM	5.16	13	PASS
Band4	1.4	19957	1	#0	QPSK	3.92	13	PASS
Band4	1.4	19957	1	#0	16QAM	4.73	13	PASS
Band4	1.4	20175	1	#0	QPSK	4.10	13	PASS
Band4	1.4	20175	1	#0	16QAM	4.97	13	PASS
Band4	1.4	20393	1	#0	QPSK	4.23	13	PASS
Band4	1.4	20393	1	#0	16QAM	5.15	13	PASS
Band4	3	19965	1	#0	QPSK	3.98	13	PASS
Band4	3	19965	1	#0	16QAM	4.83	13	PASS
Band4	3	20175	1	#0	QPSK	4.01	13	PASS
Band4	3	20175	1	#0	16QAM	4.85	13	PASS
Band4	3	20385	1	#0	QPSK	4.09	13	PASS
Band4	3	20385	1	#0	16QAM	5.03	13	PASS
Band4	5	19975	1	#0	QPSK	3.97	13	PASS
Band4	5	19975	1	#0	16QAM	4.74	13	PASS
Band4	5	20175	1	#0	QPSK	4.03	13	PASS
Band4	5	20175	1	#0	16QAM	4.83	13	PASS
Band4	5	20375	1	#0	QPSK	4.14	13	PASS
Band4	5	20375	1	#0	16QAM	4.92	13	PASS
Band4	10	20000	1	#0	QPSK	3.82	13	PASS
Band4	10	20000	1	#0	16QAM	4.59	13	PASS
Band4	10	20175	1	#0	QPSK	4.08	13	PASS
Band4	10	20175	1	#0	16QAM	5.05	13	PASS
Band4	10	20350	1	#0	QPSK	4.44	13	PASS
Band4	10	20350	1	#0	16QAM	5.39	13	PASS
Band4	15	20025	1	#0	QPSK	3.84	13	PASS
Band4	15	20025	1	#0	16QAM	4.64	13	PASS
Band4	15	20175	1	#0	QPSK	3.92	13	PASS
Band4	15	20175	1	#0	16QAM	4.88	13	PASS

Band4	15	20325	1	#0	QPSK	4.06	13	PASS
Band4	15	20325	1	#0	16QAM	4.88	13	PASS
Band4	20	20050	1	#0	QPSK	3.83	13	PASS
Band4	20	20050	1	#0	16QAM	4.55	13	PASS
Band4	20	20175	1	#0	QPSK	3.66	13	PASS
Band4	20	20175	1	#0	16QAM	4.49	13	PASS
Band4	20	20300	1	#0	QPSK	3.80	13	PASS
Band4	20	20300	1	#0	16QAM	4.68	13	PASS
Band5	1.4	20407	1	#0	QPSK	5.79	13	PASS
Band5	1.4	20407	1	#0	16QAM	6.73	13	PASS
Band5	1.4	20525	1	#0	QPSK	5.61	13	PASS
Band5	1.4	20525	1	#0	16QAM	6.67	13	PASS
Band5	1.4	20643	1	#0	QPSK	5.14	13	PASS
Band5	1.4	20643	1	#0	16QAM	5.88	13	PASS
Band5	3	20415	1	#0	QPSK	5.51	13	PASS
Band5	3	20415	1	#0	16QAM	6.07	13	PASS
Band5	3	20525	1	#0	QPSK	5.64	13	PASS
Band5	3	20525	1	#0	16QAM	6.45	13	PASS
Band5	3	20635	1	#0	QPSK	5.45	13	PASS
Band5	3	20635	1	#0	16QAM	6.40	13	PASS
Band5	5	20425	1	#0	QPSK	5.85	13	PASS
Band5	5	20425	1	#0	16QAM	6.46	13	PASS
Band5	5	20525	1	#0	QPSK	5.53	13	PASS
Band5	5	20525	1	#0	16QAM	6.11	13	PASS
Band5	5	20625	1	#0	QPSK	5.45	13	PASS
Band5	5	20625	1	#0	16QAM	6.16	13	PASS
Band5	10	20450	1	#0	QPSK	5.57	13	PASS
Band5	10	20450	1	#0	16QAM	6.75	13	PASS
Band5	10	20525	1	#0	QPSK	5.63	13	PASS
Band5	10	20525	1	#0	16QAM	6.54	13	PASS
Band5	10	20600	1	#0	QPSK	5.45	13	PASS
Band5	10	20600	1	#0	16QAM	6.06	13	PASS
Band7	5	20775	1	#0	QPSK	3.77	13	PASS
Band7	5	20775	1	#0	16QAM	4.74	13	PASS
Band7	5	21100	1	#0	QPSK	4.06	13	PASS
Band7	5	21100	1	#0	16QAM	4.89	13	PASS
Band7	5	21425	1	#0	QPSK	2.48	13	PASS
Band7	5	21425	1	#0	16QAM	3.42	13	PASS
Band7	10	20800	1	#0	QPSK	3.78	13	PASS
Band7	10	20800	1	#0	16QAM	4.61	13	PASS
Band7	10	21100	1	#0	QPSK	3.89	13	PASS
Band7	10	21100	1	#0	16QAM	4.80	13	PASS
Band7	10	21400	1	#0	QPSK	3.16	13	PASS
Band7	10	21400	1	#0	16QAM	4.13	13	PASS
Band7	15	20825	1	#0	QPSK	3.76	13	PASS
Band7	15	20825	1	#0	16QAM	4.70	13	PASS
Band7	15	21100	1	#0	QPSK	3.84	13	PASS
Band7	15	21100	1	#0	16QAM	4.81	13	PASS
Band7	15	21375	1	#0	QPSK	3.21	13	PASS
Band7	15	21375	1	#0	16QAM	4.13	13	PASS
Band7	20	20850	1	#0	QPSK	3.78	13	PASS
Band7	20	20850	1	#0	16QAM	4.58	13	PASS
Band7	20	21100	1	#0	QPSK	3.76	13	PASS
Band7	20	21100	1	#0	16QAM	4.68	13	PASS
Band7	20	21350	1	#0	QPSK	3.34	13	PASS
Band7	20	21350	1	#0	16QAM	4.25	13	PASS
Band12	1.4	23017	1	#0	QPSK	4.28	13	PASS
Band12	1.4	23017	1	#0	16QAM	5.11	13	PASS
Band12	1.4	23095	1	#0	QPSK	5.28	13	PASS
Band12	1.4	23095	1	#0	16QAM	6.23	13	PASS
Band12	1.4	23173	1	#0	QPSK	4.44	13	PASS
Band12	1.4	23173	1	#0	16QAM	5.27	13	PASS
Band12	3	23025	1	#0	QPSK	4.07	13	PASS
Band12	3	23025	1	#0	16QAM	4.85	13	PASS
Band12	3	23095	1	#0	QPSK	5.32	13	PASS
Band12	3	23095	1	#0	16QAM	6.41	13	PASS
Band12	3	23165	1	#0	QPSK	4.84	13	PASS
Band12	3	23165	1	#0	16QAM	5.69	13	PASS

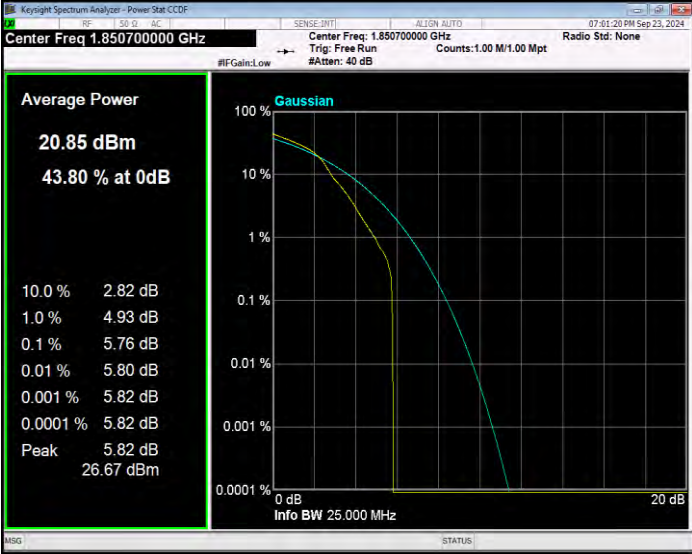
Band12	5	23035	1	#0	QPSK	4.04	13	PASS
Band12	5	23035	1	#0	16QAM	4.73	13	PASS
Band12	5	23095	1	#0	QPSK	5.06	13	PASS
Band12	5	23095	1	#0	16QAM	5.81	13	PASS
Band12	5	23155	1	#0	QPSK	4.78	13	PASS
Band12	5	23155	1	#0	16QAM	5.46	13	PASS
Band12	10	23060	1	#0	QPSK	3.89	13	PASS
Band12	10	23060	1	#0	16QAM	5.02	13	PASS
Band12	10	23095	1	#0	QPSK	4.24	13	PASS
Band12	10	23095	1	#0	16QAM	5.05	13	PASS
Band12	10	23130	1	#0	QPSK	5.26	13	PASS
Band12	10	23130	1	#0	16QAM	5.99	13	PASS
Band13	5	23205	1	#0	QPSK	4.53	13	PASS
Band13	5	23205	1	#0	16QAM	5.23	13	PASS
Band13	5	23230	1	#0	QPSK	4.34	13	PASS
Band13	5	23230	1	#0	16QAM	4.97	13	PASS
Band13	5	23255	1	#0	QPSK	4.98	13	PASS
Band13	5	23255	1	#0	16QAM	5.71	13	PASS
Band13	10	23230	1	#0	QPSK	4.35	13	PASS
Band13	10	23230	1	#0	16QAM	5.34	13	PASS
Band17	5	23755	1	#0	QPSK	4.93	13	PASS
Band17	5	23755	1	#0	16QAM	5.59	13	PASS
Band17	5	23790	1	#0	QPSK	4.88	13	PASS
Band17	5	23790	1	#0	16QAM	5.53	13	PASS
Band17	5	23825	1	#0	QPSK	4.62	13	PASS
Band17	5	23825	1	#0	16QAM	5.31	13	PASS
Band17	10	23780	1	#0	QPSK	4.92	13	PASS
Band17	10	23780	1	#0	16QAM	5.70	13	PASS
Band17	10	23790	1	#0	QPSK	5.18	13	PASS
Band17	10	23790	1	#0	16QAM	6.01	13	PASS
Band17	10	23800	1	#0	QPSK	5.16	13	PASS
Band17	10	23800	1	#0	16QAM	5.86	13	PASS
Band25	1.4	26047	1	#0	QPSK	4.70	13	PASS
Band25	1.4	26047	1	#0	16QAM	5.68	13	PASS
Band25	1.4	26365	1	#0	QPSK	4.97	13	PASS
Band25	1.4	26365	1	#0	16QAM	5.94	13	PASS
Band25	1.4	26683	1	#0	QPSK	2.70	13	PASS
Band25	1.4	26683	1	#0	16QAM	3.52	13	PASS
Band25	3	26055	1	#0	QPSK	4.63	13	PASS
Band25	3	26055	1	#0	16QAM	5.49	13	PASS
Band25	3	26365	1	#0	QPSK	4.89	13	PASS
Band25	3	26365	1	#0	16QAM	5.75	13	PASS
Band25	3	26675	1	#0	QPSK	3.33	13	PASS
Band25	3	26675	1	#0	16QAM	4.43	13	PASS
Band25	5	26065	1	#0	QPSK	4.63	13	PASS
Band25	5	26065	1	#0	16QAM	5.39	13	PASS
Band25	5	26365	1	#0	QPSK	4.87	13	PASS
Band25	5	26365	1	#0	16QAM	5.77	13	PASS
Band25	5	26665	1	#0	QPSK	4.12	13	PASS
Band25	5	26665	1	#0	16QAM	5.03	13	PASS
Band25	10	26090	1	#0	QPSK	4.62	13	PASS
Band25	10	26090	1	#0	16QAM	5.48	13	PASS
Band25	10	26365	1	#0	QPSK	4.73	13	PASS
Band25	10	26365	1	#0	16QAM	5.75	13	PASS
Band25	10	26640	1	#0	QPSK	4.32	13	PASS
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Band25	15	26115	1	#0	QPSK	4.69	13	PASS
Band25	15	26115	1	#0	16QAM	5.54	13	PASS
Band25	15	26365	1	#0	QPSK	4.71	13	PASS
Band25	15	26365	1	#0	16QAM	5.58	13	PASS
Band25	15	26615	1	#0	QPSK	4.27	13	PASS
Band25	15	26615	1	#0	16QAM	5.25	13	PASS
Band25	20	26140	1	#0	QPSK	4.75	13	PASS
Band25	20	26140	1	#0	16QAM	5.65	13	PASS
Band25	20	26365	1	#0	QPSK	4.71	13	PASS
Band25	20	26365	1	#0	16QAM	5.68	13	PASS
Band25	20	26590	1	#0	QPSK	3.81	13	PASS
Band25	20	26590	1	#0	16QAM	4.66	13	PASS

Band26(814-824)	1.4	26697	1	#0	QPSK	5.67	13	PASS
Band26(814-824)	1.4	26697	1	#0	16QAM	6.53	13	PASS
Band26(814-824)	1.4	26740	1	#0	QPSK	5.46	13	PASS
Band26(814-824)	1.4	26740	1	#0	16QAM	6.36	13	PASS
Band26(814-824)	1.4	26783	1	#0	QPSK	5.46	13	PASS
Band26(814-824)	1.4	26783	1	#0	16QAM	6.11	13	PASS
Band26(814-824)	3	26705	1	#0	QPSK	5.36	13	PASS
Band26(814-824)	3	26705	1	#0	16QAM	6.01	13	PASS
Band26(814-824)	3	26740	1	#0	QPSK	5.46	13	PASS
Band26(814-824)	3	26740	1	#0	16QAM	6.18	13	PASS
Band26(814-824)	3	26775	1	#0	QPSK	5.66	13	PASS
Band26(814-824)	3	26775	1	#0	16QAM	6.72	13	PASS
Band26(814-824)	5	26715	1	#0	QPSK	5.68	13	PASS
Band26(814-824)	5	26715	1	#0	16QAM	6.04	13	PASS
Band26(814-824)	5	26740	1	#0	QPSK	5.23	13	PASS
Band26(814-824)	5	26740	1	#0	16QAM	5.90	13	PASS
Band26(814-824)	5	26765	1	#0	QPSK	5.52	13	PASS
Band26(814-824)	5	26765	1	#0	16QAM	6.05	13	PASS
Band26(814-824)	10	26740	1	#0	QPSK	5.51	13	PASS
Band26(814-824)	10	26740	1	#0	16QAM	6.47	13	PASS
Band26(824-849)	1.4	26797	1	#0	QPSK	5.92	13	PASS
Band26(824-849)	1.4	26797	1	#0	16QAM	6.61	13	PASS
Band26(824-849)	1.4	26915	1	#0	QPSK	5.64	13	PASS
Band26(824-849)	1.4	26915	1	#0	16QAM	6.53	13	PASS
Band26(824-849)	1.4	27033	1	#0	QPSK	5.12	13	PASS
Band26(824-849)	1.4	27033	1	#0	16QAM	5.98	13	PASS
Band26(824-849)	3	26805	1	#0	QPSK	5.64	13	PASS
Band26(824-849)	3	26805	1	#0	16QAM	6.58	13	PASS
Band26(824-849)	3	26915	1	#0	QPSK	5.42	13	PASS
Band26(824-849)	3	26915	1	#0	16QAM	6.12	13	PASS
Band26(824-849)	3	27025	1	#0	QPSK	5.29	13	PASS
Band26(824-849)	3	27025	1	#0	16QAM	6.41	13	PASS
Band26(824-849)	5	26815	1	#0	QPSK	5.48	13	PASS
Band26(824-849)	5	26815	1	#0	16QAM	6.01	13	PASS
Band26(824-849)	5	26915	1	#0	QPSK	5.49	13	PASS
Band26(824-849)	5	26915	1	#0	16QAM	6.29	13	PASS
Band26(824-849)	5	27015	1	#0	QPSK	5.62	13	PASS
Band26(824-849)	5	27015	1	#0	16QAM	6.10	13	PASS
Band26(824-849)	10	26840	1	#0	QPSK	5.54	13	PASS
Band26(824-849)	10	26840	1	#0	16QAM	6.46	13	PASS
Band26(824-849)	10	26915	1	#0	QPSK	5.46	13	PASS
Band26(824-849)	10	26915	1	#0	16QAM	6.15	13	PASS
Band26(824-849)	10	26990	1	#0	QPSK	5.60	13	PASS
Band26(824-849)	10	26990	1	#0	16QAM	6.44	13	PASS
Band26(824-849)	15	26865	1	#0	QPSK	5.52	13	PASS
Band26(824-849)	15	26865	1	#0	16QAM	6.60	13	PASS
Band26(824-849)	15	26915	1	#0	QPSK	5.55	13	PASS
Band26(824-849)	15	26915	1	#0	16QAM	6.58	13	PASS
Band26(824-849)	15	26965	1	#0	QPSK	5.28	13	PASS
Band26(824-849)	15	26965	1	#0	16QAM	6.24	13	PASS
Band38	5	37775	1	#0	QPSK	9.57	13	PASS
Band38	5	37775	1	#0	16QAM	9.93	13	PASS
Band38	5	38000	1	#0	QPSK	9.04	13	PASS
Band38	5	38000	1	#0	16QAM	9.57	13	PASS
Band38	5	38225	1	#0	QPSK	9.48	13	PASS
Band38	5	38225	1	#0	16QAM	10.48	13	PASS
Band38	10	37800	1	#0	QPSK	9.16	13	PASS
Band38	10	37800	1	#0	16QAM	11.26	13	PASS
Band38	10	38000	1	#0	QPSK	11.14	13	PASS
Band38	10	38000	1	#0	16QAM	9.60	13	PASS
Band38	10	38200	1	#0	QPSK	9.40	13	PASS
Band38	10	38200	1	#0	16QAM	9.65	13	PASS
Band38	15	37825	1	#0	QPSK	10.85	13	PASS
Band38	15	37825	1	#0	16QAM	10.27	13	PASS
Band38	15	38000	1	#0	QPSK	10.52	13	PASS
Band38	15	38000	1	#0	16QAM	9.65	13	PASS
Band38	15	38175	1	#0	QPSK	9.93	13	PASS
Band38	15	38175	1	#0	16QAM	9.35	13	PASS

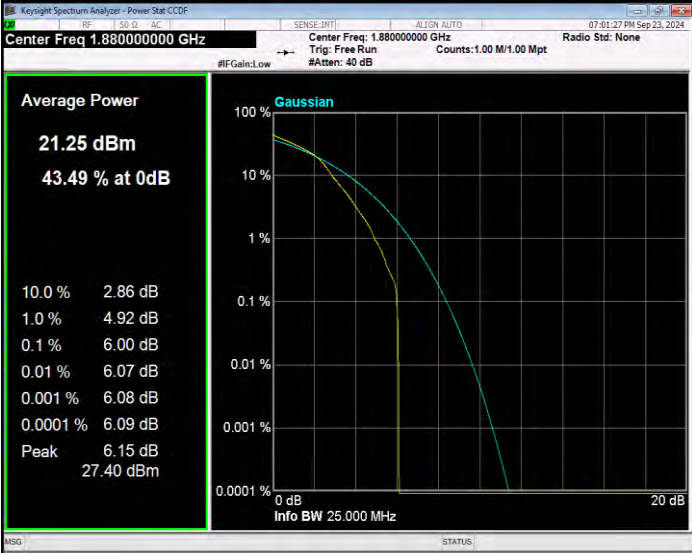
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Band38	20	37850	1	#0	16QAM	8.79	13	PASS
Band38	20	38000	1	#0	QPSK	12.40	13	PASS
Band38	20	38000	1	#0	16QAM	9.96	13	PASS
Band38	20	38150	1	#0	QPSK	9.33	13	PASS
Band38	20	38150	1	#0	16QAM	10.59	13	PASS
Band40(2305-2315)	5	38725	1	#0	QPSK	9.81	13	PASS
Band40(2305-2315)	5	38725	1	#0	16QAM	10.93	13	PASS
Band40(2305-2315)	5	38750	1	#0	QPSK	9.69	13	PASS
Band40(2305-2315)	5	38750	1	#0	16QAM	10.85	13	PASS
Band40(2305-2315)	5	38775	1	#0	QPSK	9.57	13	PASS
Band40(2305-2315)	5	38775	1	#0	16QAM	10.32	13	PASS
Band40(2305-2315)	10	38750	1	#0	QPSK	9.73	13	PASS
Band40(2305-2315)	10	38750	1	#0	16QAM	10.18	13	PASS
Band40(2350-2360)	5	39175	1	#0	QPSK	10.71	13	PASS
Band40(2350-2360)	5	39175	1	#0	16QAM	10.96	13	PASS
Band40(2350-2360)	5	39200	1	#0	QPSK	9.19	13	PASS
Band40(2350-2360)	5	39200	1	#0	16QAM	10.74	13	PASS
Band40(2350-2360)	5	39225	1	#0	QPSK	9.09	13	PASS
Band40(2350-2360)	5	39225	1	#0	16QAM	10.43	13	PASS
Band40(2350-2360)	10	39200	1	#0	QPSK	9.53	13	PASS
Band40(2350-2360)	10	39200	1	#0	16QAM	9.92	13	PASS
Band41	5	39675	1	#0	QPSK	10.86	13	PASS
Band41	5	39675	1	#0	16QAM	9.74	13	PASS
Band41	5	40620	1	#0	QPSK	8.86	13	PASS
Band41	5	40620	1	#0	16QAM	9.59	13	PASS
Band41	5	41565	1	#0	QPSK	9.73	13	PASS
Band41	5	41565	1	#0	16QAM	9.45	13	PASS
Band41	10	39700	1	#0	QPSK	9.45	13	PASS
Band41	10	39700	1	#0	16QAM	10.72	13	PASS
Band41	10	40620	1	#0	QPSK	9.31	13	PASS
Band41	10	40620	1	#0	16QAM	10.47	13	PASS
Band41	10	41540	1	#0	QPSK	10.13	13	PASS
Band41	10	41540	1	#0	16QAM	11.21	13	PASS
Band41	15	39725	1	#0	QPSK	9.24	13	PASS
Band41	15	39725	1	#0	16QAM	9.37	13	PASS
Band41	15	40620	1	#0	QPSK	9.09	13	PASS
Band41	15	40620	1	#0	16QAM	10.65	13	PASS
Band41	15	41515	1	#0	QPSK	9.40	13	PASS
Band41	15	41515	1	#0	16QAM	11.04	13	PASS
Band41	20	39750	1	#0	QPSK	9.35	13	PASS
Band41	20	39750	1	#0	16QAM	9.51	13	PASS
Band41	20	40620	1	#0	QPSK	10.38	13	PASS
Band41	20	40620	1	#0	16QAM	9.65	13	PASS
Band41	20	41490	1	#0	QPSK	9.41	13	PASS
Band41	20	41490	1	#0	16QAM	10.16	13	PASS
Band66	1.4	131979	1	#0	QPSK	3.83	13	PASS
Band66	1.4	131979	1	#0	16QAM	4.77	13	PASS
Band66	1.4	132322	1	#0	QPSK	4.25	13	PASS
Band66	1.4	132322	1	#0	16QAM	5.06	13	PASS
Band66	1.4	132665	1	#0	QPSK	3.61	13	PASS
Band66	1.4	132665	1	#0	16QAM	4.51	13	PASS
Band66	3	131987	1	#0	QPSK	3.72	13	PASS
Band66	3	131987	1	#0	16QAM	4.60	13	PASS
Band66	3	132322	1	#0	QPSK	4.25	13	PASS
Band66	3	132322	1	#0	16QAM	5.22	13	PASS
Band66	3	132657	1	#0	QPSK	3.76	13	PASS
Band66	3	132657	1	#0	16QAM	4.67	13	PASS
Band66	5	131997	1	#0	QPSK	3.68	13	PASS
Band66	5	131997	1	#0	16QAM	4.43	13	PASS
Band66	5	132322	1	#0	QPSK	4.25	13	PASS
Band66	5	132322	1	#0	16QAM	4.97	13	PASS
Band66	5	132647	1	#0	QPSK	3.89	13	PASS
Band66	5	132647	1	#0	16QAM	4.66	13	PASS
Band66	10	132022	1	#0	QPSK	3.72	13	PASS
Band66	10	132022	1	#0	16QAM	4.58	13	PASS
Band66	10	132322	1	#0	QPSK	3.73	13	PASS
Band66	10	132322	1	#0	16QAM	4.60	13	PASS

Band66	10	132622	1	#0	QPSK	3.73	13	PASS
Band66	10	132622	1	#0	16QAM	4.36	13	PASS
Band66	15	132047	1	#0	QPSK	3.70	13	PASS
Band66	15	132047	1	#0	16QAM	4.67	13	PASS
Band66	15	132322	1	#0	QPSK	3.66	13	PASS
Band66	15	132322	1	#0	16QAM	4.50	13	PASS
Band66	15	132597	1	#0	QPSK	3.49	13	PASS
Band66	15	132597	1	#0	16QAM	4.28	13	PASS
Band66	20	132072	1	#0	QPSK	3.85	13	PASS
Band66	20	132072	1	#0	16QAM	4.75	13	PASS
Band66	20	132322	1	#0	QPSK	3.59	13	PASS
Band66	20	132322	1	#0	16QAM	4.40	13	PASS
Band66	20	132572	1	#0	QPSK	3.99	13	PASS
Band66	20	132572	1	#0	16QAM	4.89	13	PASS

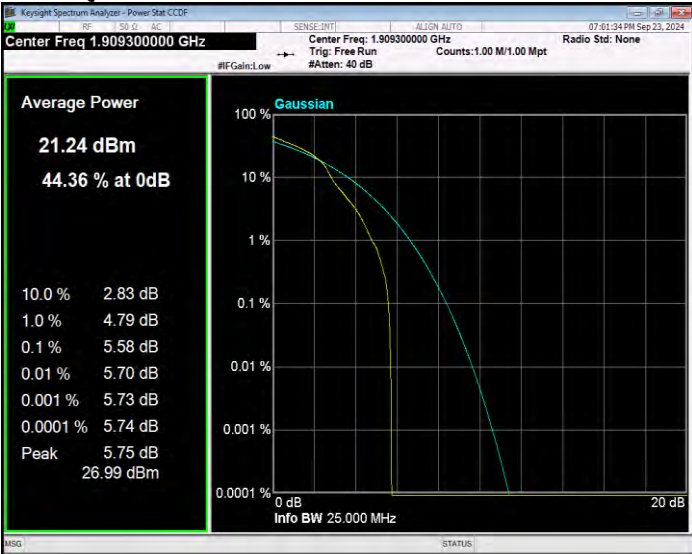
Band2 16QAM BW=1.4MHz Channel=18607 RB Size=1 Position=#0



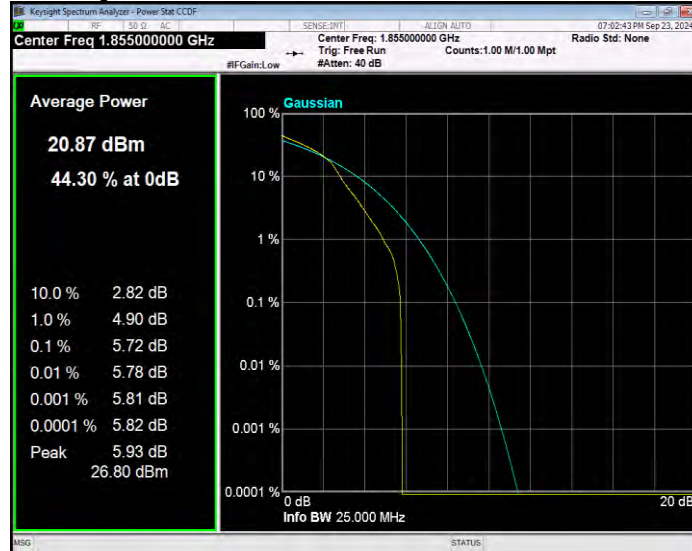
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=1 Position=#0



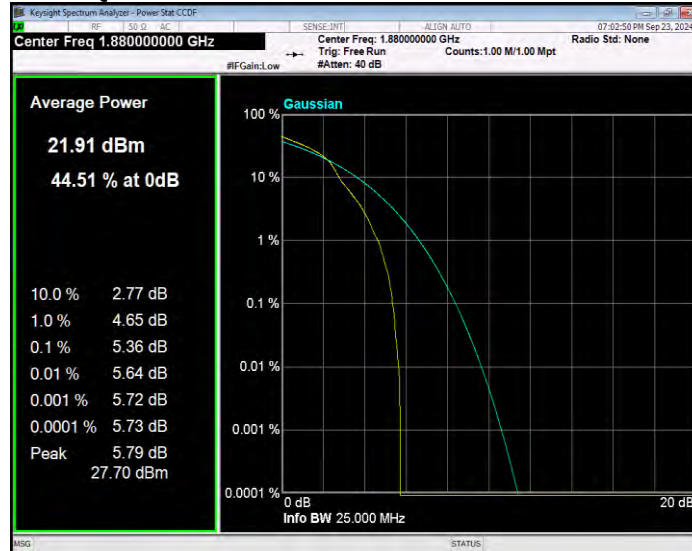
Band2 16QAM BW=1.4MHz Channel=19193 RB Size=1 Position=#0



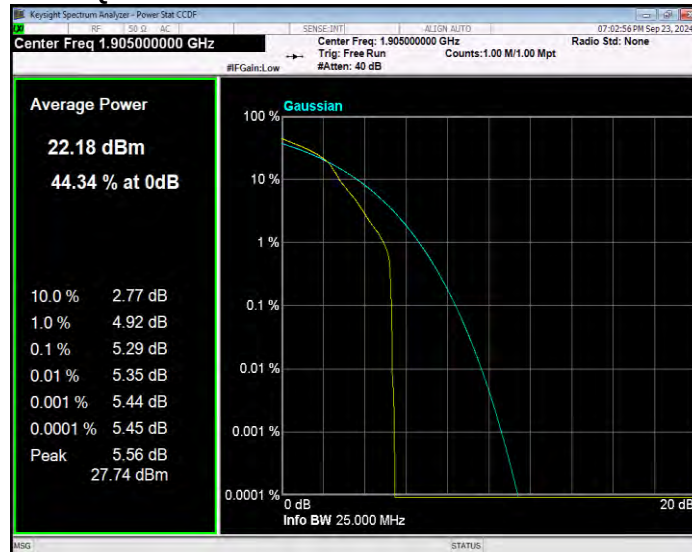
Band2 16QAM BW=10MHz Channel=18650 RB Size=1 Position=#0



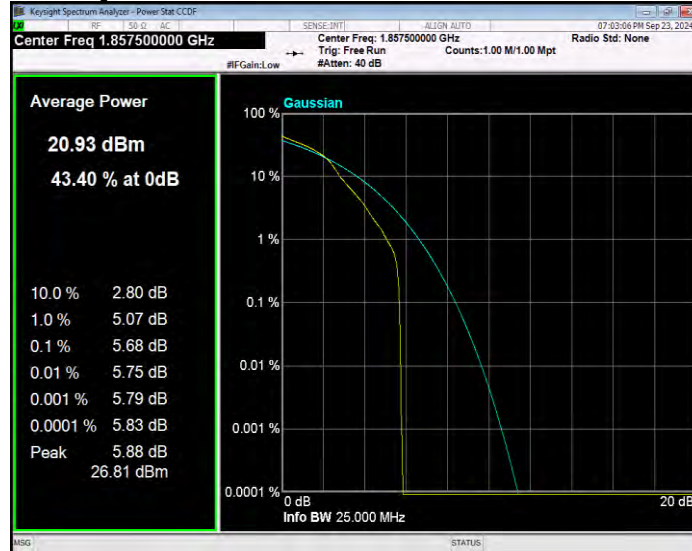
Band2 16QAM BW=10MHz Channel=18900 RB Size=1 Position=#0



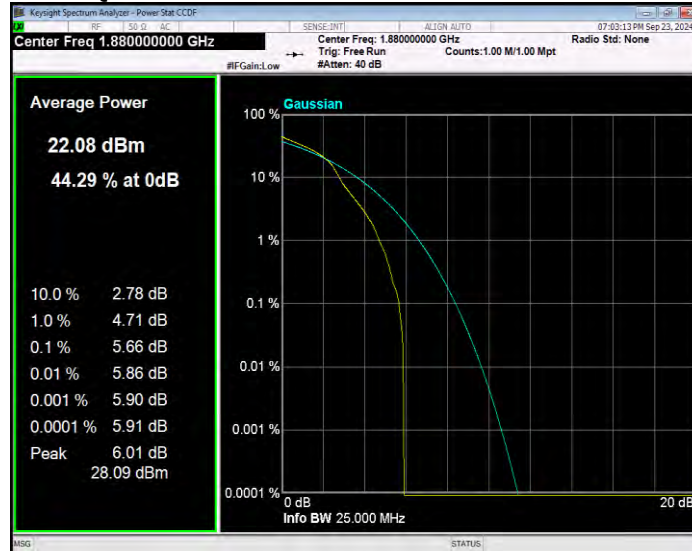
Band2 16QAM BW=10MHz Channel=19150 RB Size=1 Position=#0



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



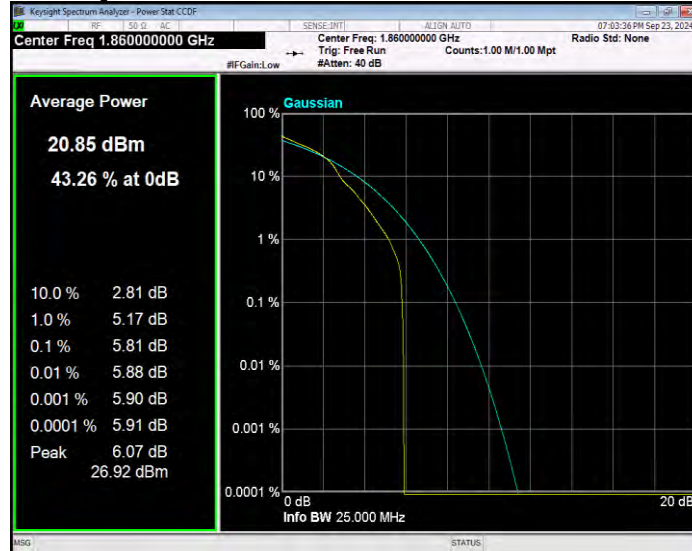
Band2 16QAM BW=15MHz Channel=18900 RB Size=1 Position=#0



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



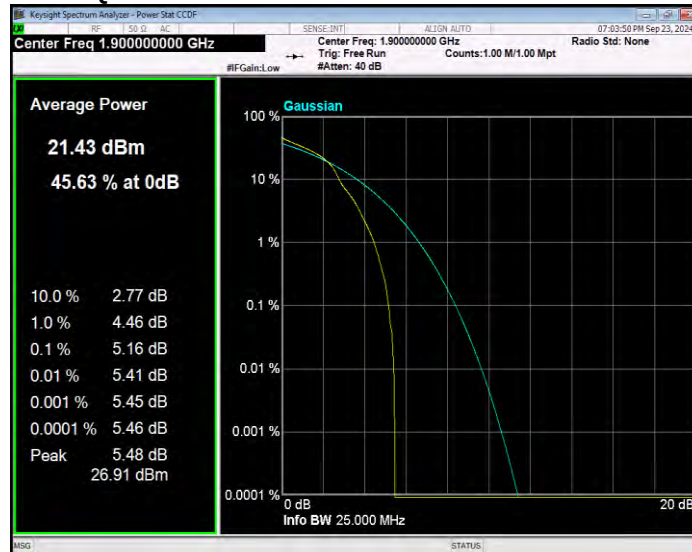
Band2 16QAM BW=20MHz Channel=18700 RB Size=1 Position=#0



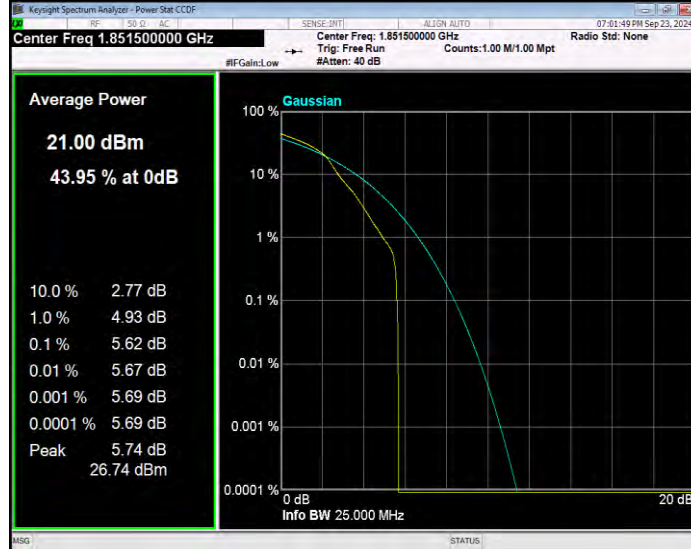
Band2 16QAM BW=20MHz Channel=18900 RB Size=1 Position=#0



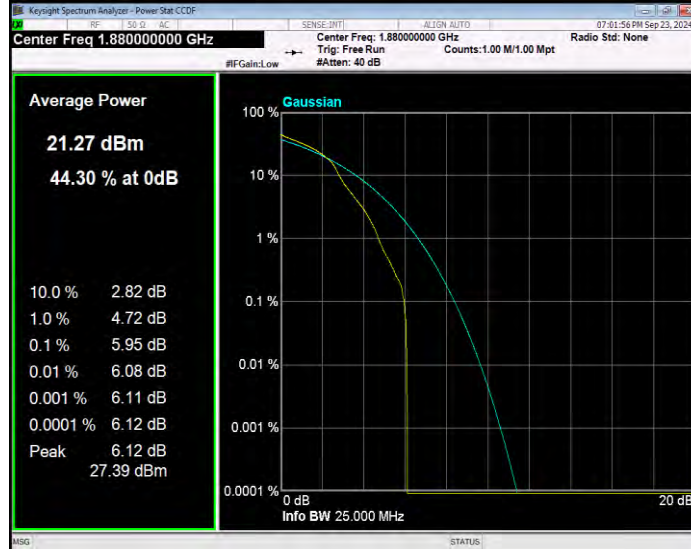
Band2 16QAM BW=20MHz Channel=19100 RB Size=1 Position=#0



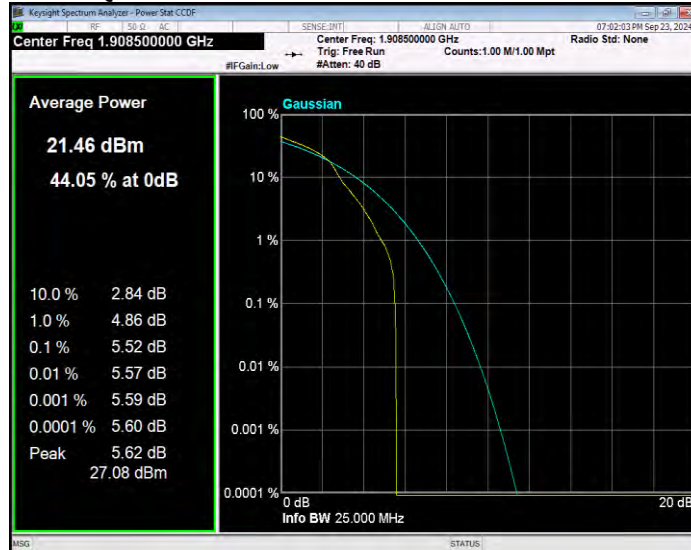
Band2 16QAM BW=3MHz Channel=18615 RB Size=1 Position=#0



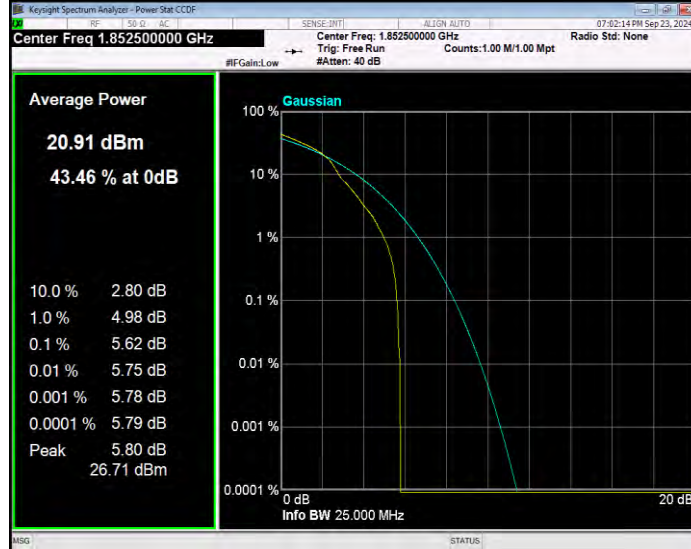
Band2 16QAM BW=3MHz Channel=18900 RB Size=1 Position=#0



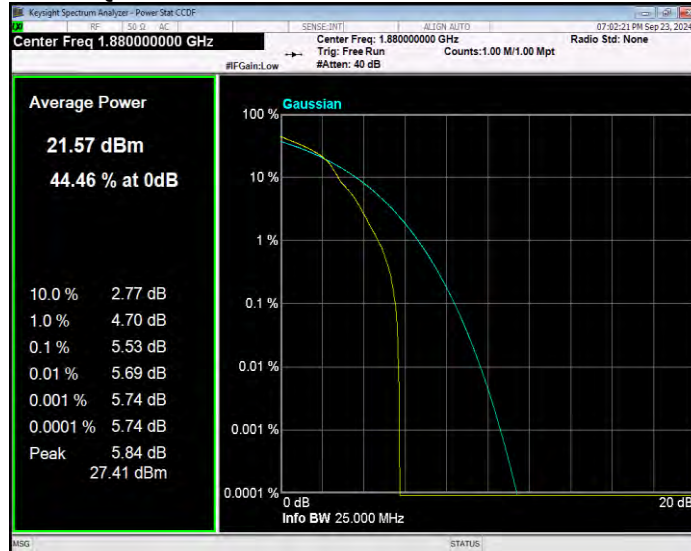
Band2 16QAM BW=3MHz Channel=19185 RB Size=1 Position=#0



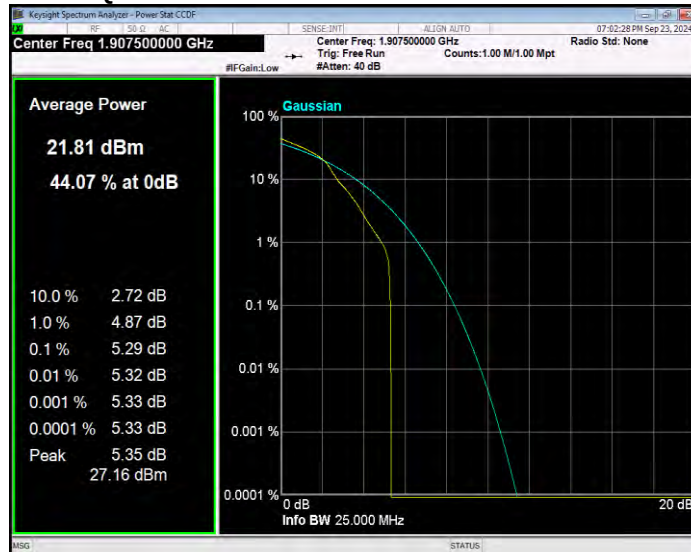
Band2 16QAM BW=5MHz Channel=18625 RB Size=1 Position=#0



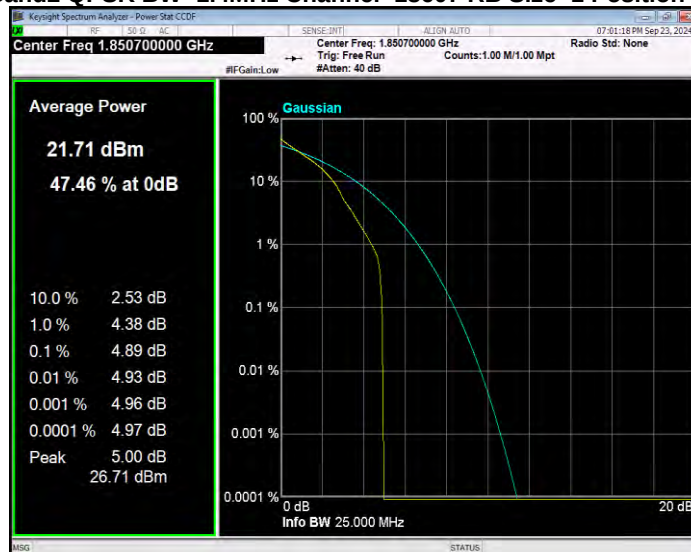
Band2 16QAM BW=5MHz Channel=18900 RB Size=1 Position=#0



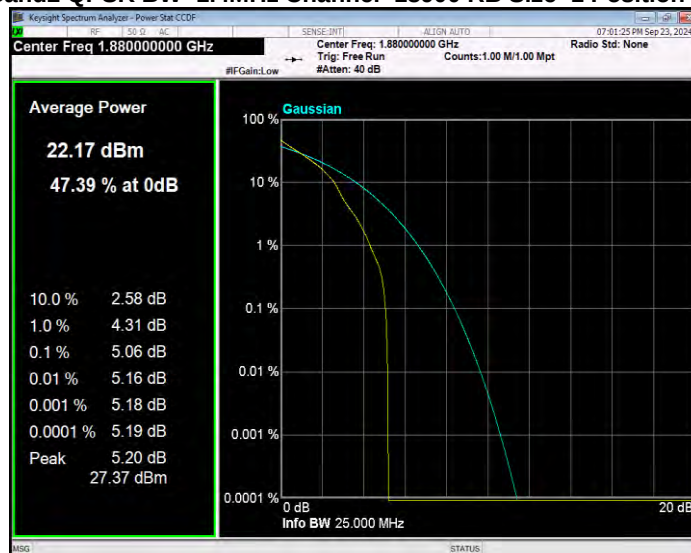
Band2 16QAM BW=5MHz Channel=19175 RB Size=1 Position=#0



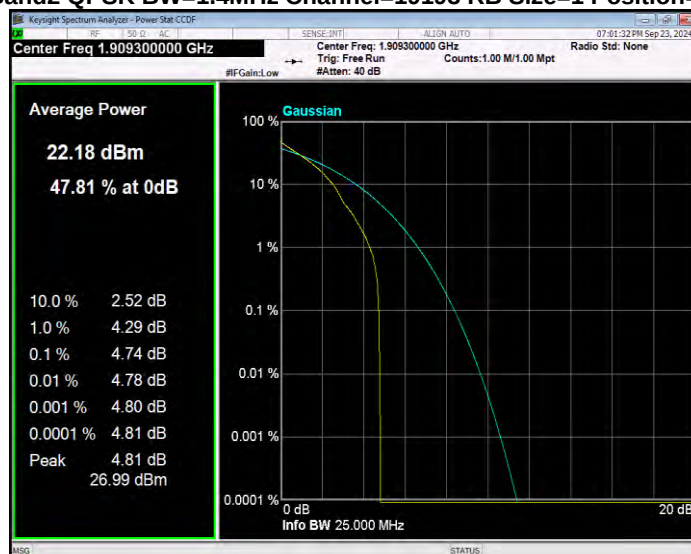
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=1 Position=#0

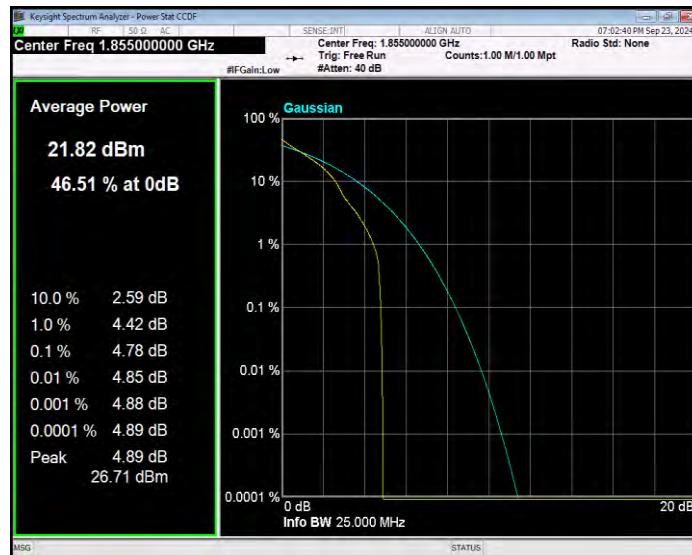


Band2 QPSK BW=1.4MHz Channel=18900 RB Size=1 Position=#0

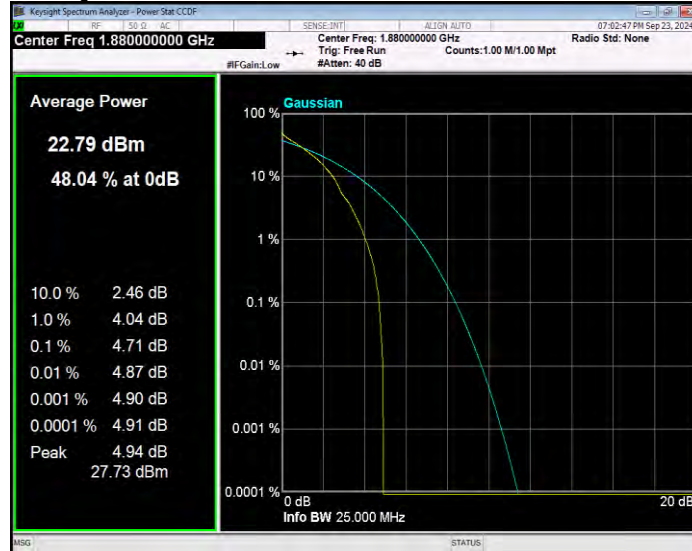


Band2 QPSK BW=1.4MHz Channel=19193 RB Size=1 Position=#0

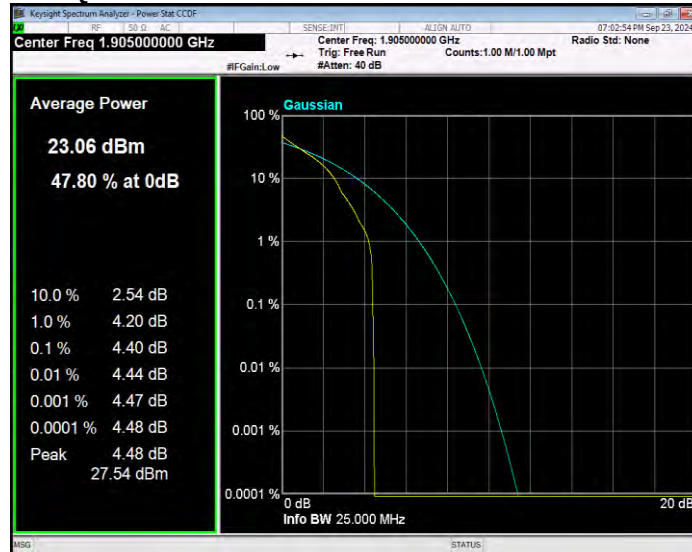




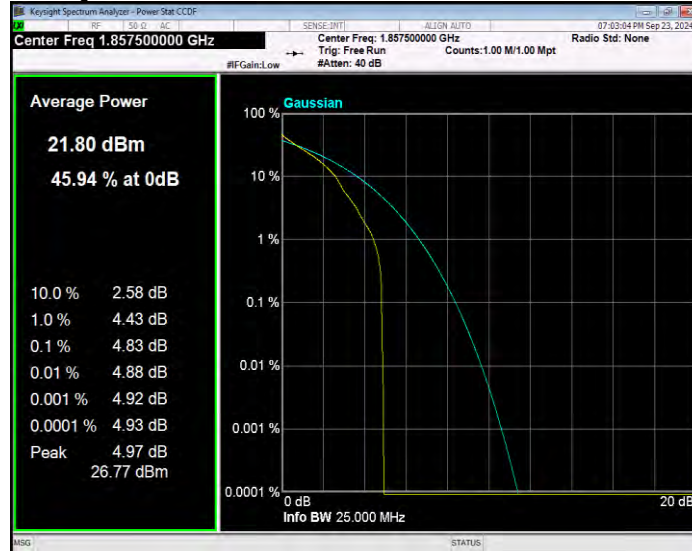
Band2 QPSK BW=10MHz Channel=18900 RB Size=1 Position=#0



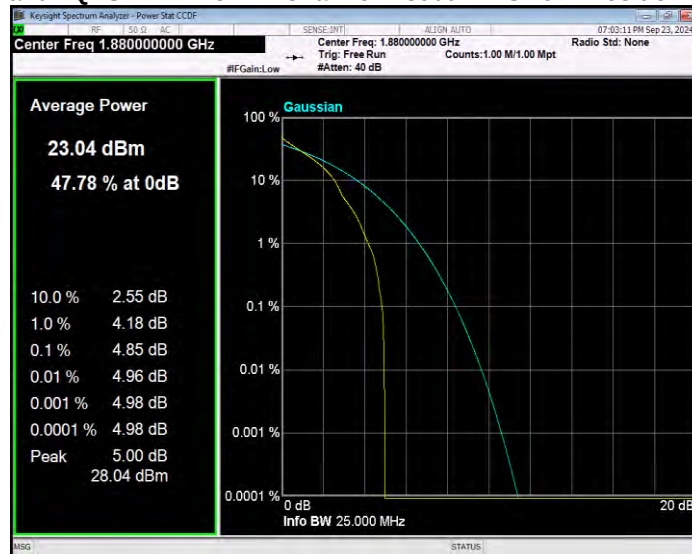
Band2 QPSK BW=10MHz Channel=19150 RB Size=1 Position=#0



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



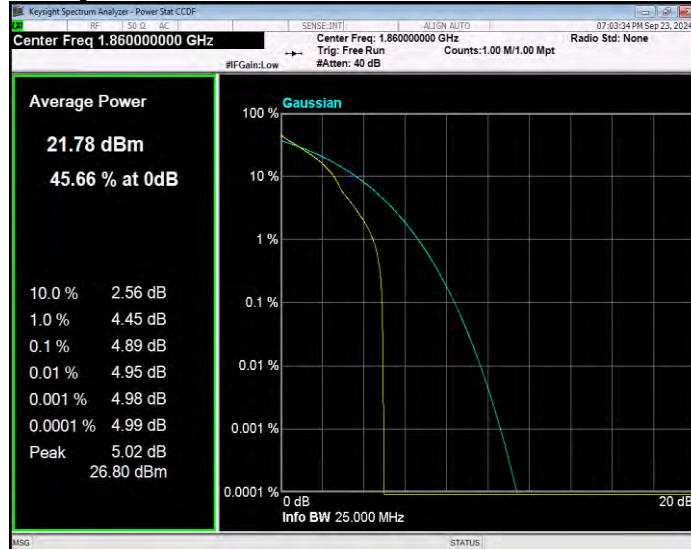
Band2 QPSK BW=15MHz Channel=18900 RB Size=1 Position=#0



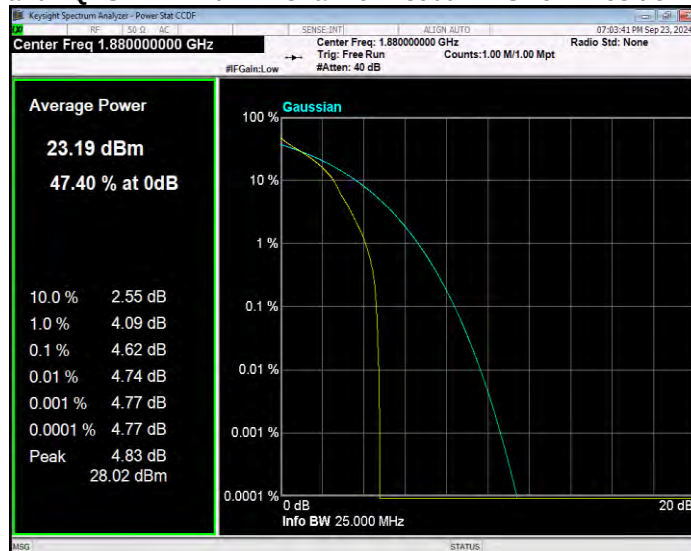
Band2 QPSK BW=15MHz Channel=19125 RB Size=1 Position=#0



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



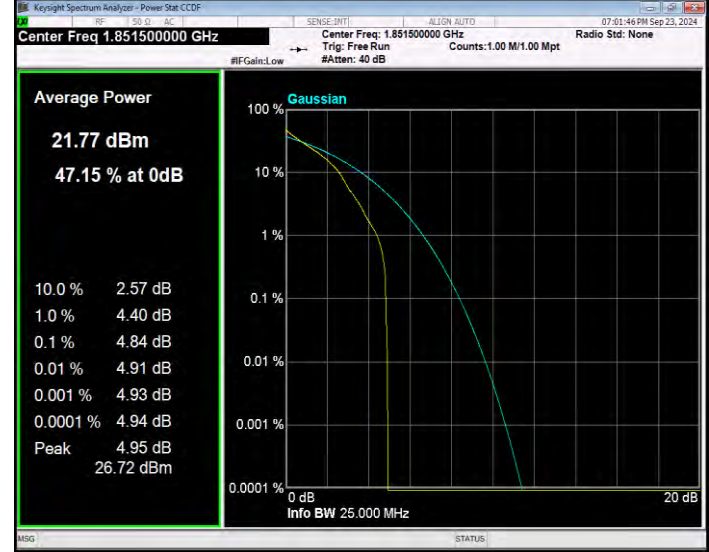
Band2 QPSK BW=20MHz Channel=18900 RB Size=1 Position=#0



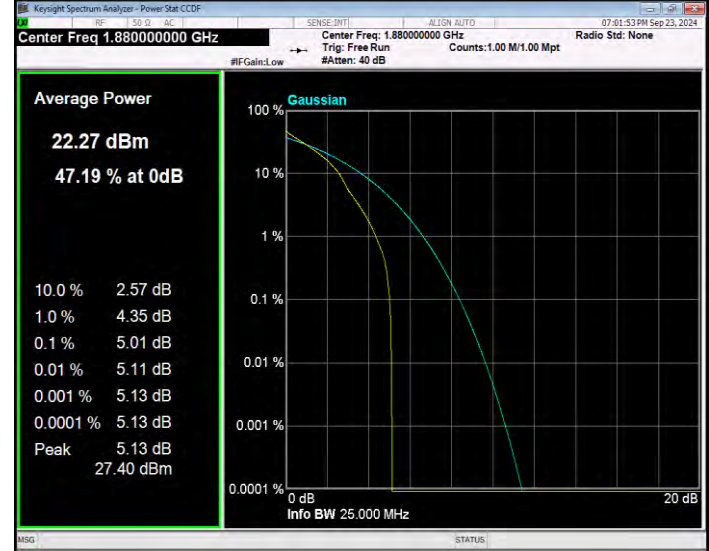
Band2 QPSK BW=20MHz Channel=19100 RB Size=1 Position=#0



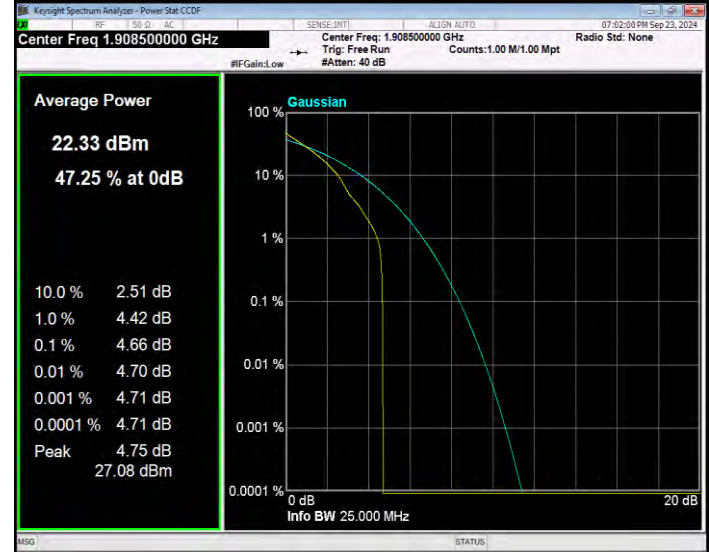
Band2 QPSK BW=3MHz Channel=18615 RB Size=1 Position=#0



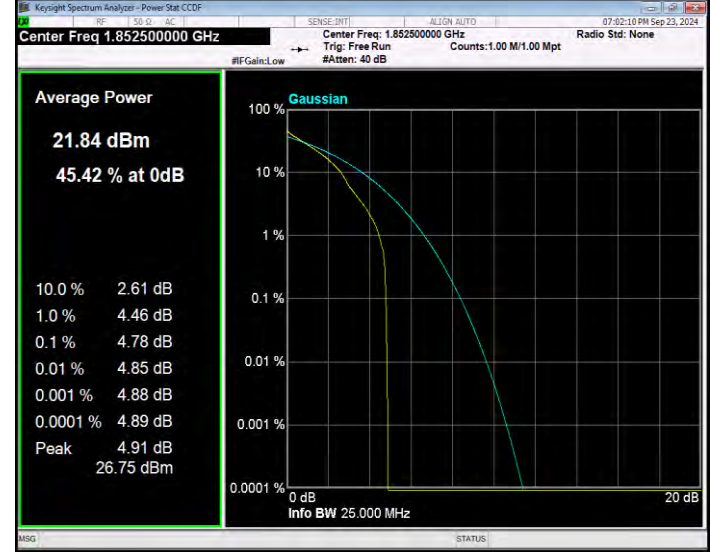
Band2 QPSK BW=3MHz Channel=18900 RB Size=1 Position=#0



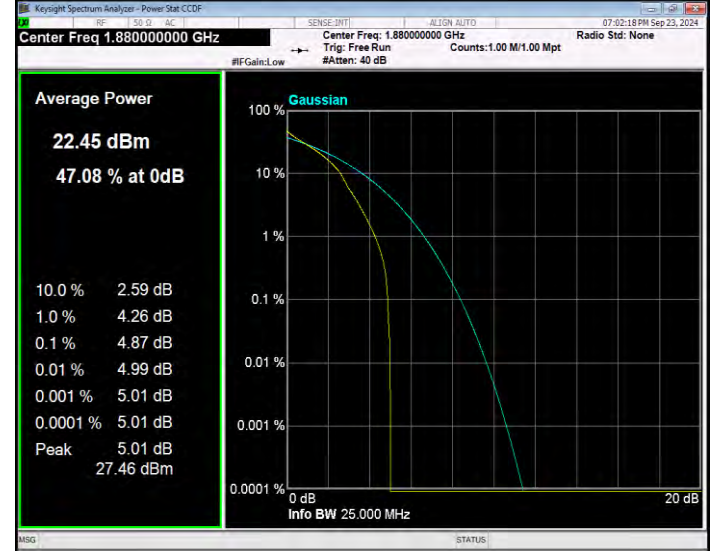
Band2 QPSK BW=3MHz Channel=19185 RB Size=1 Position=#0



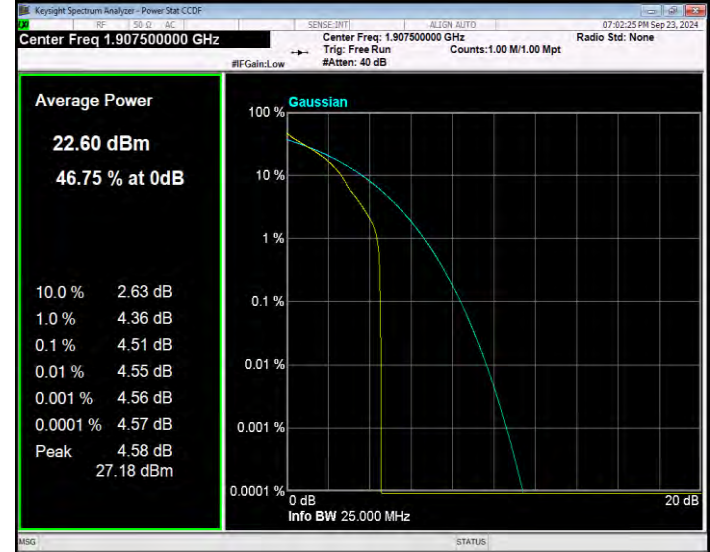
Band2 QPSK BW=5MHz Channel=18625 RB Size=1 Position=#0



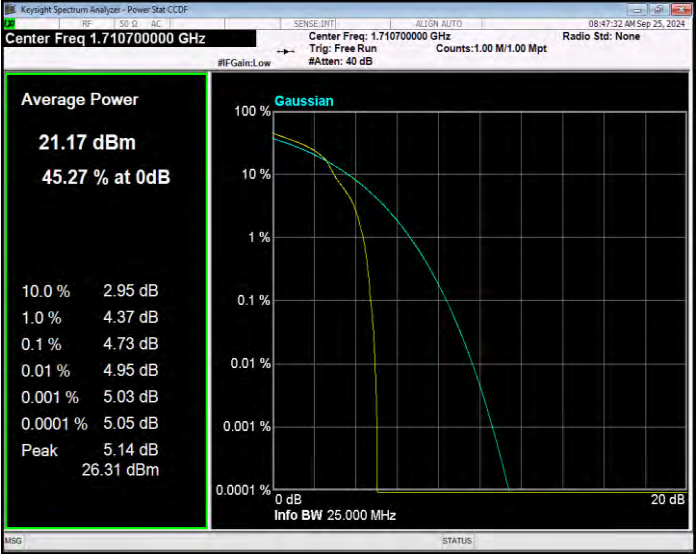
Band2 QPSK BW=5MHz Channel=18900 RB Size=1 Position=#0



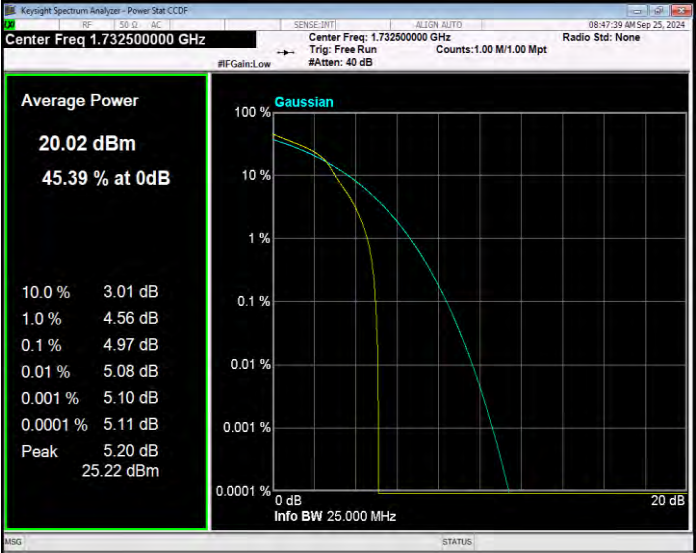
Band2 QPSK BW=5MHz Channel=19175 RB Size=1 Position=#0



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



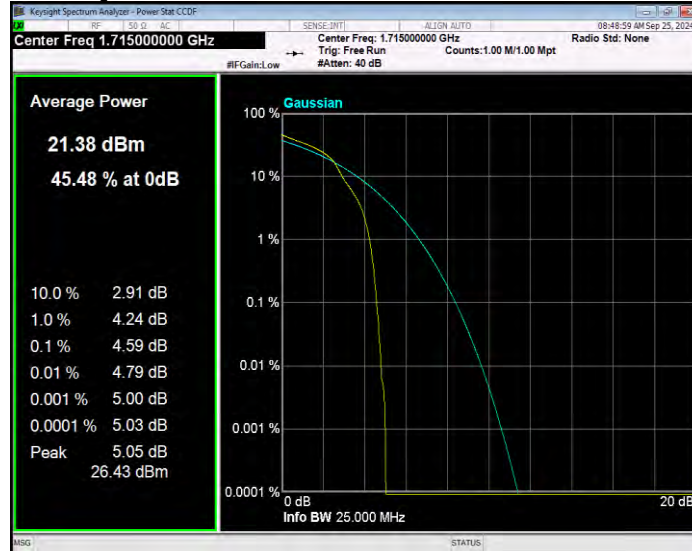
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=1 Position=#0



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



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



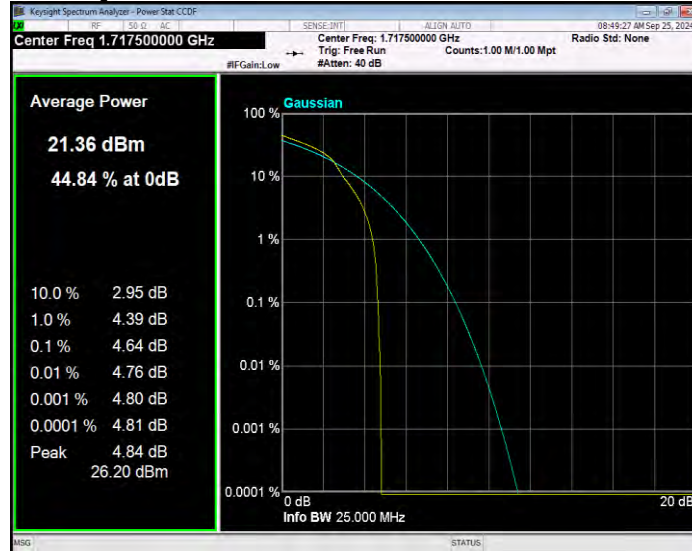
Band4 16QAM BW=10MHz Channel=20175 RB Size=1 Position=#0



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



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



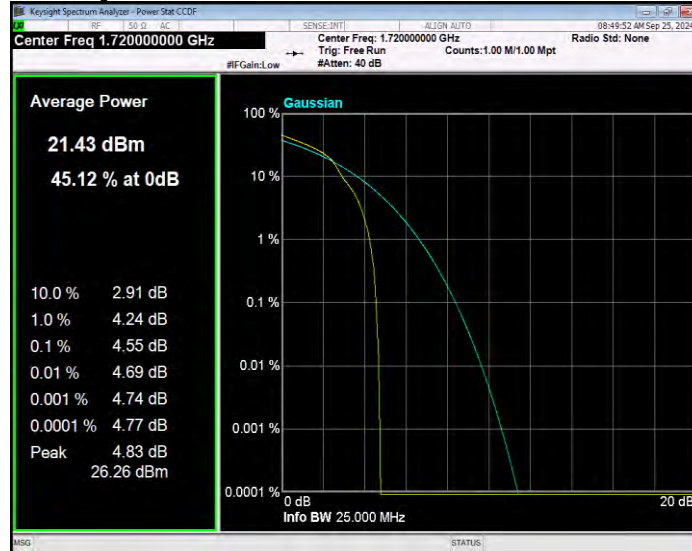
Band4 16QAM BW=15MHz Channel=20175 RB Size=1 Position=#0



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



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



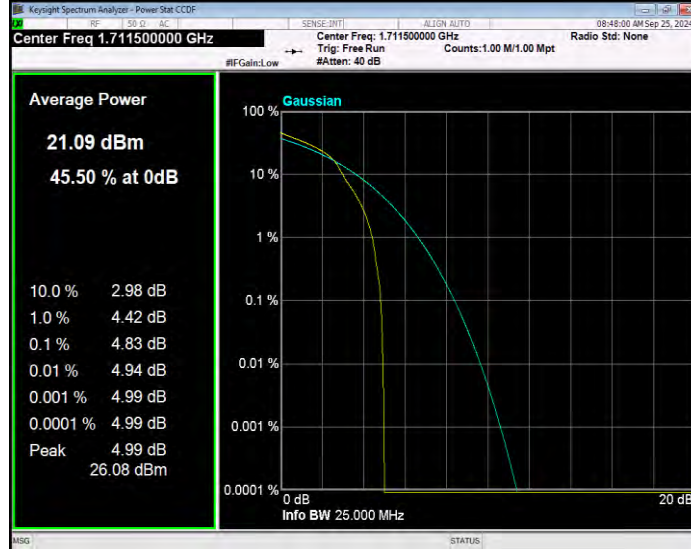
Band4 16QAM BW=20MHz Channel=20175 RB Size=1 Position=#0



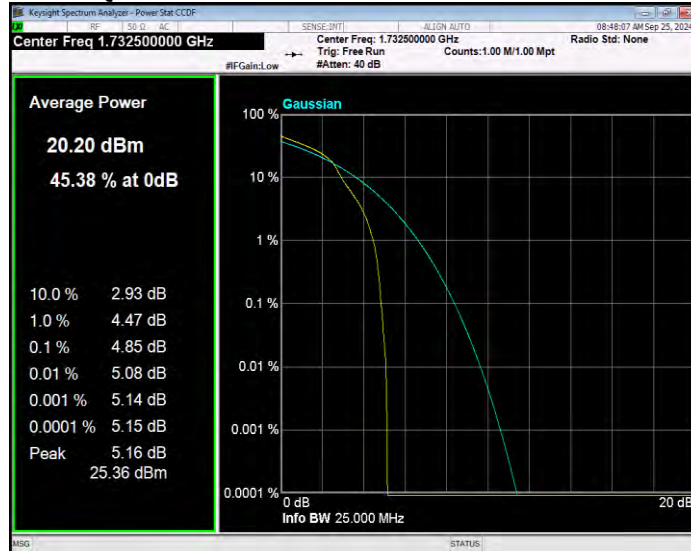
Band4 16QAM BW=20MHz Channel=20300 RB Size=1 Position=#0



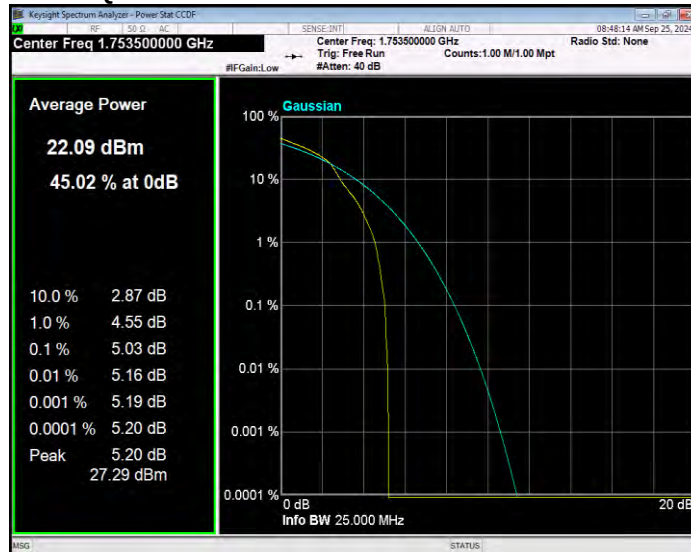
Band4 16QAM BW=3MHz Channel=19965 RB Size=1 Position=#0



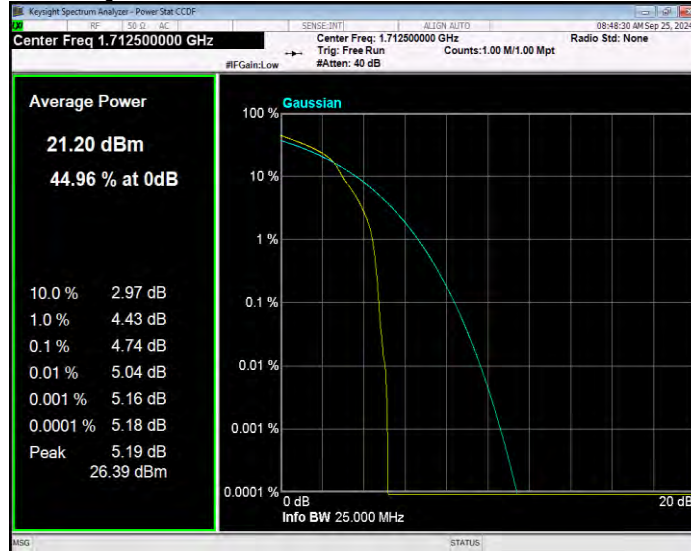
Band4 16QAM BW=3MHz Channel=20175 RB Size=1 Position=#0



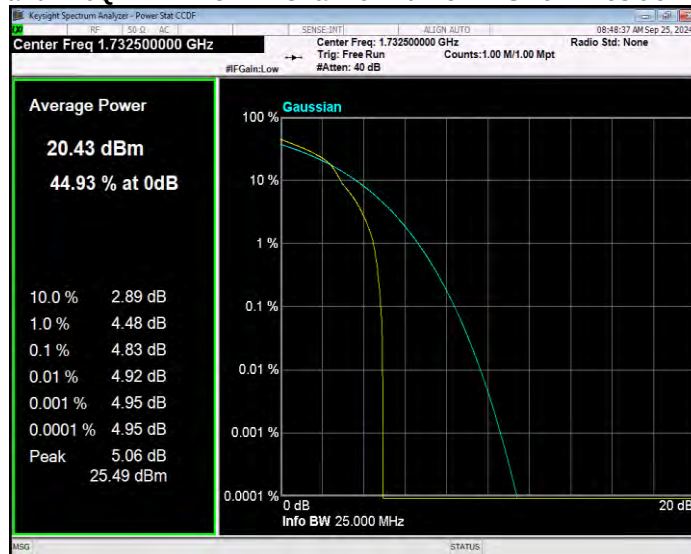
Band4 16QAM BW=3MHz Channel=20385 RB Size=1 Position=#0



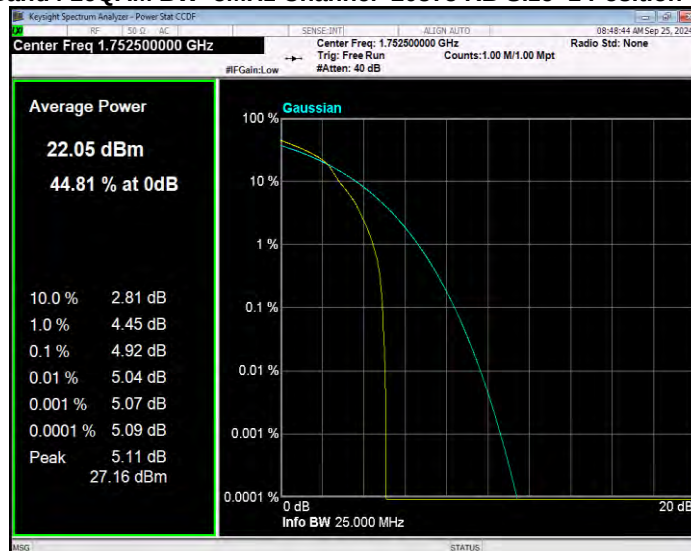
Band4 16QAM BW=5MHz Channel=19975 RB Size=1 Position=#0



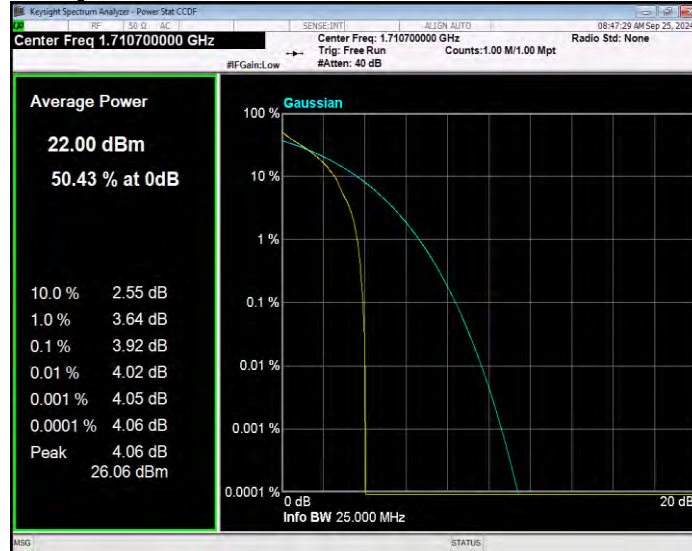
Band4 16QAM BW=5MHz Channel=20175 RB Size=1 Position=#0



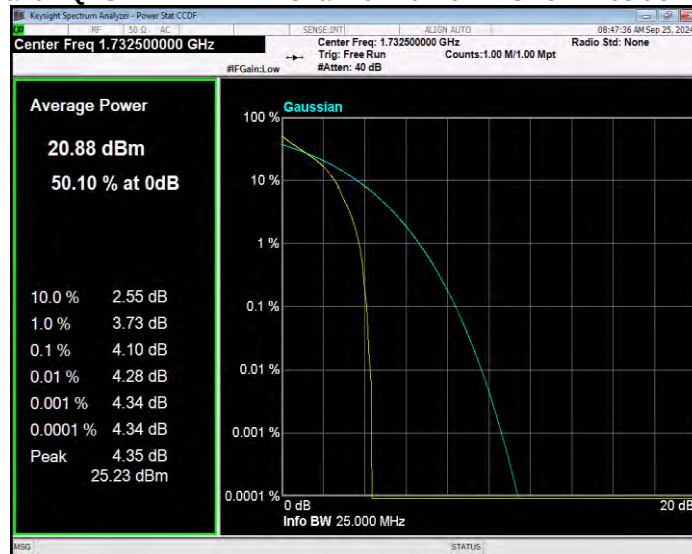
Band4 16QAM BW=5MHz Channel=20375 RB Size=1 Position=#0



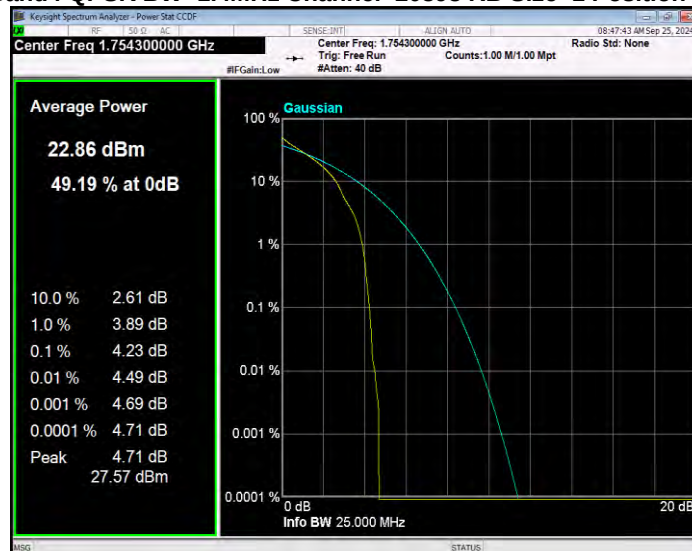
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=1 Position=#0



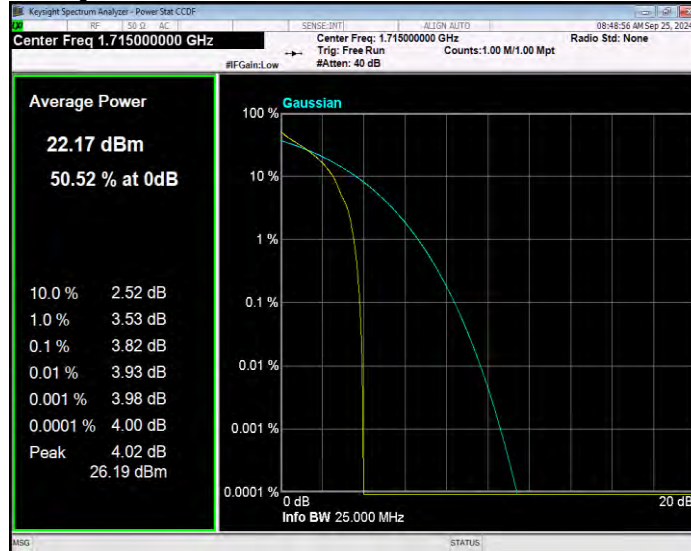
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0



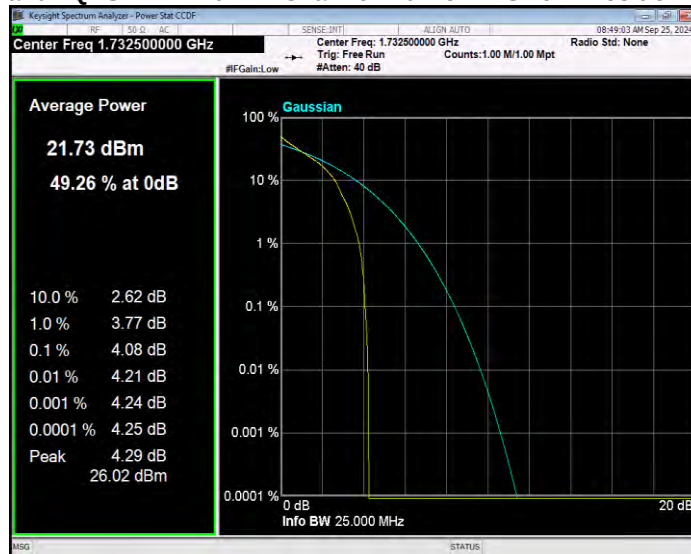
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=1 Position=#0



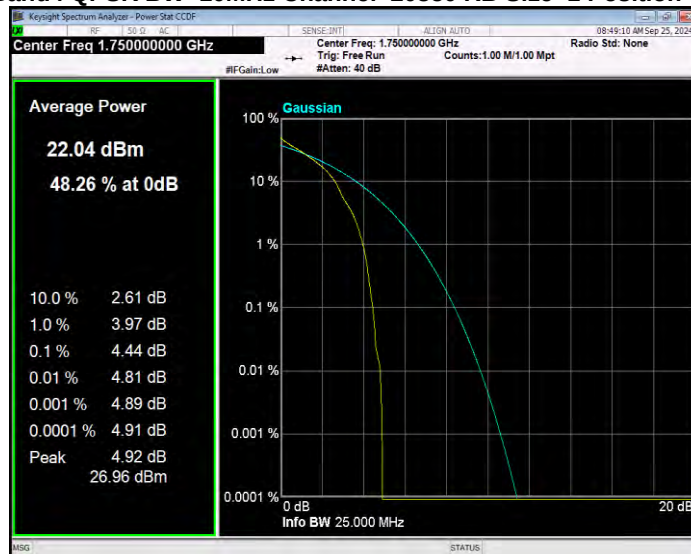
Band4 QPSK BW=10MHz Channel=20000 RB Size=1 Position=#0



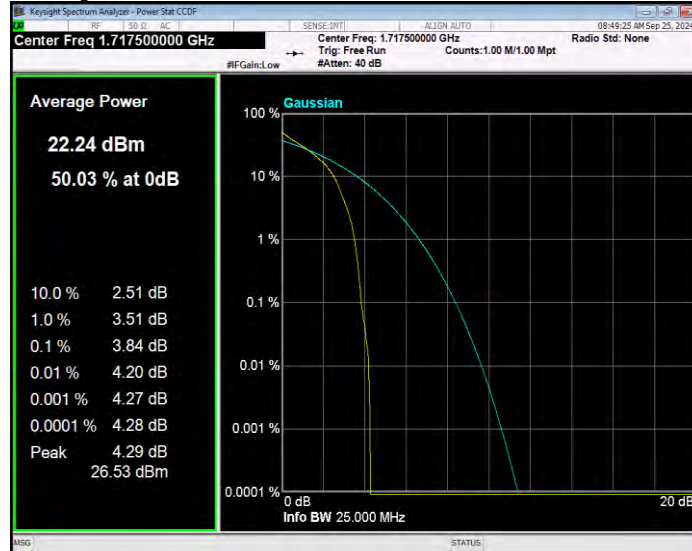
Band4 QPSK BW=10MHz Channel=20175 RB Size=1 Position=#0



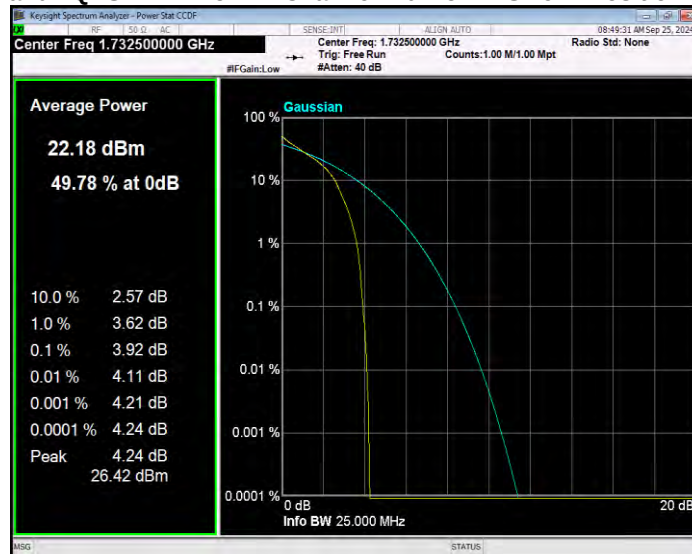
Band4 QPSK BW=10MHz Channel=20350 RB Size=1 Position=#0



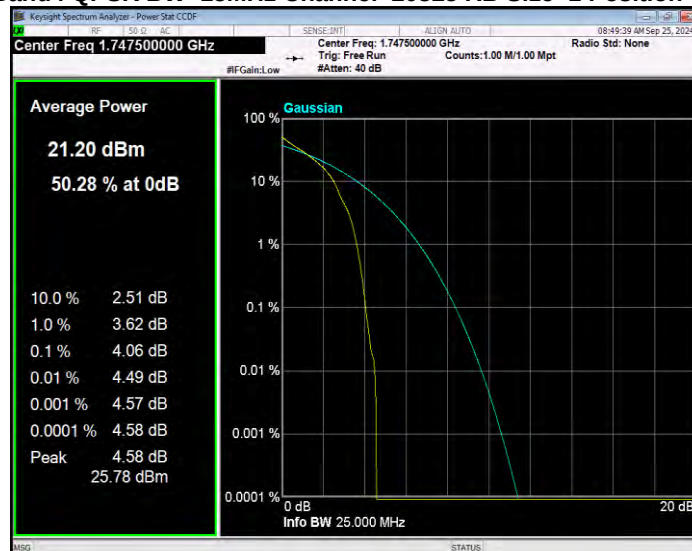
Band4 QPSK BW=15MHz Channel=20025 RB Size=1 Position=#0



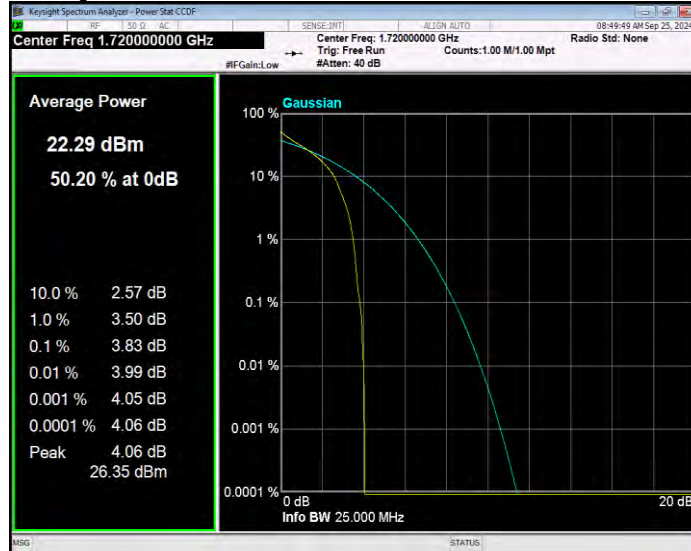
Band4 QPSK BW=15MHz Channel=20175 RB Size=1 Position=#0



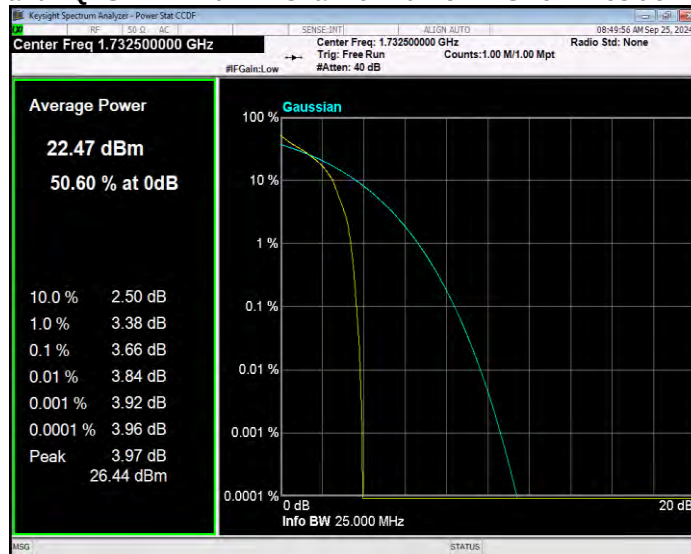
Band4 QPSK BW=15MHz Channel=20325 RB Size=1 Position=#0



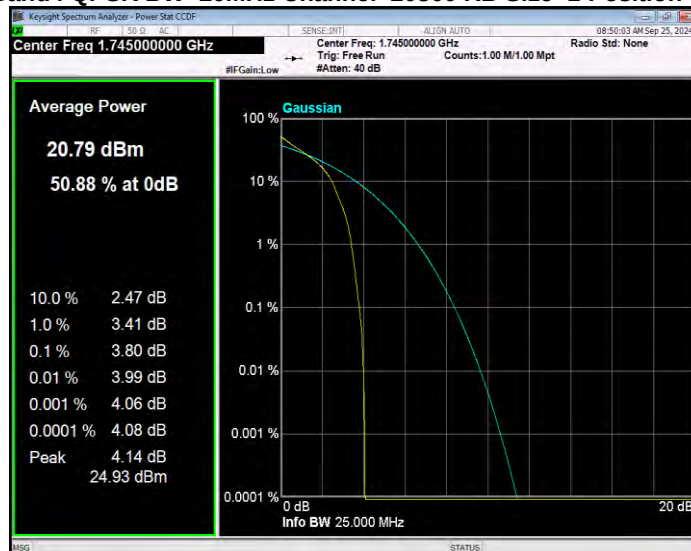
Band4 QPSK BW=20MHz Channel=20050 RB Size=1 Position=#0



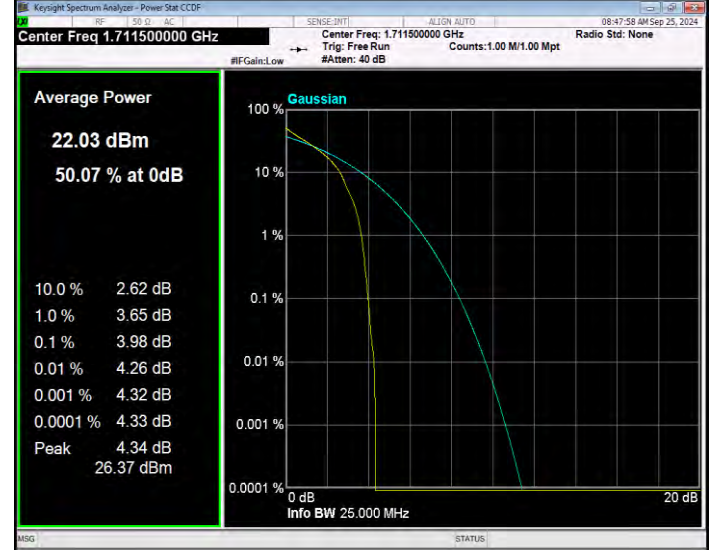
Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0



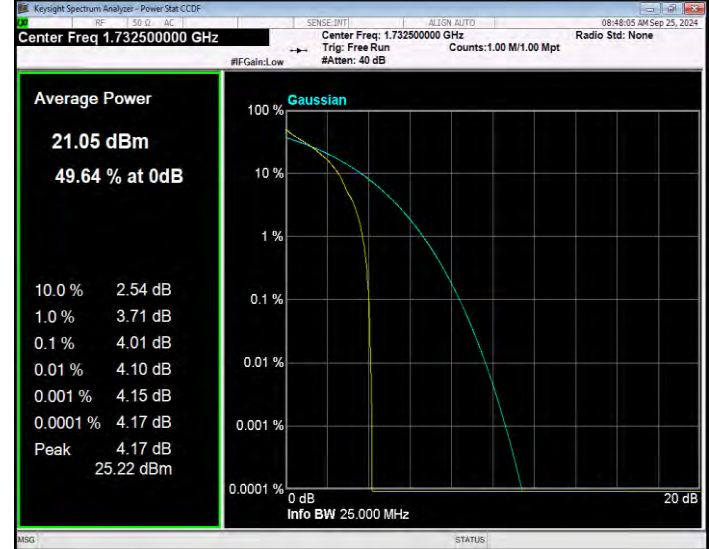
Band4 QPSK BW=20MHz Channel=20300 RB Size=1 Position=#0



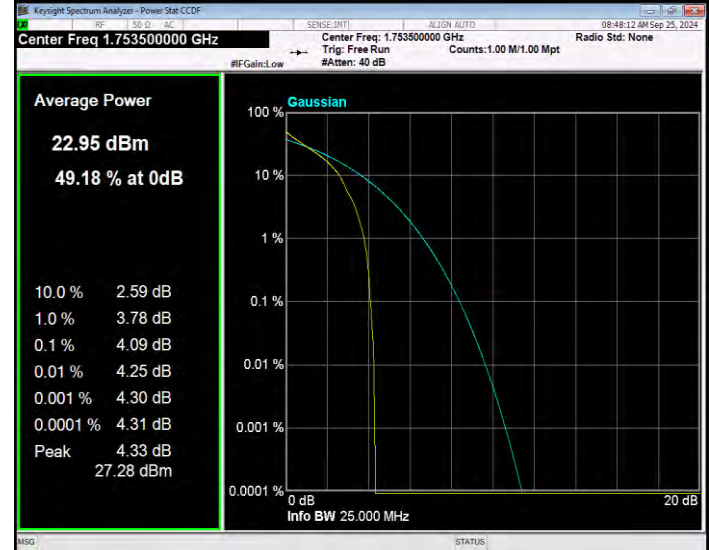
Band4 QPSK BW=3MHz Channel=19965 RB Size=1 Position=#0



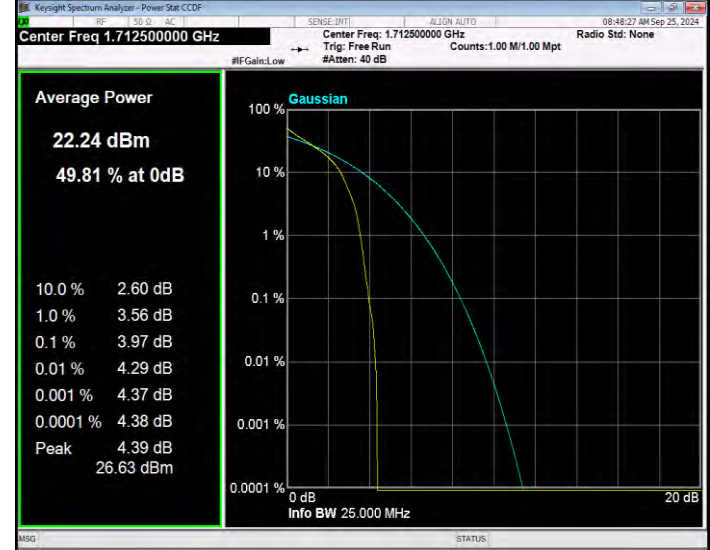
Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0



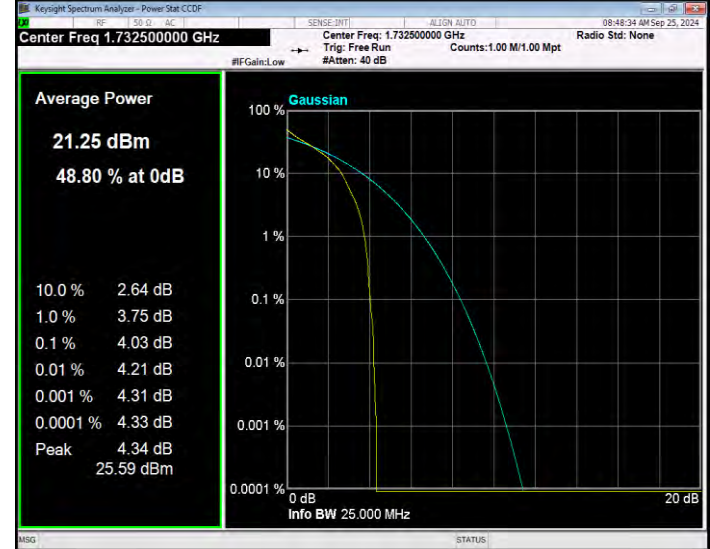
Band4 QPSK BW=3MHz Channel=20385 RB Size=1 Position=#0



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



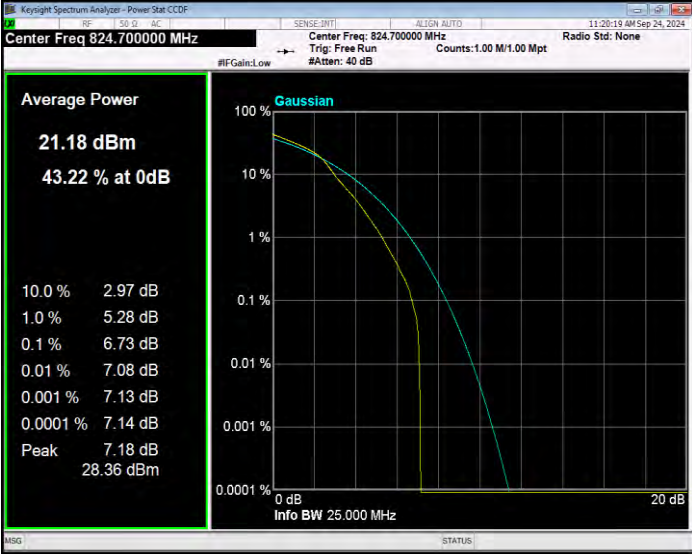
Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0



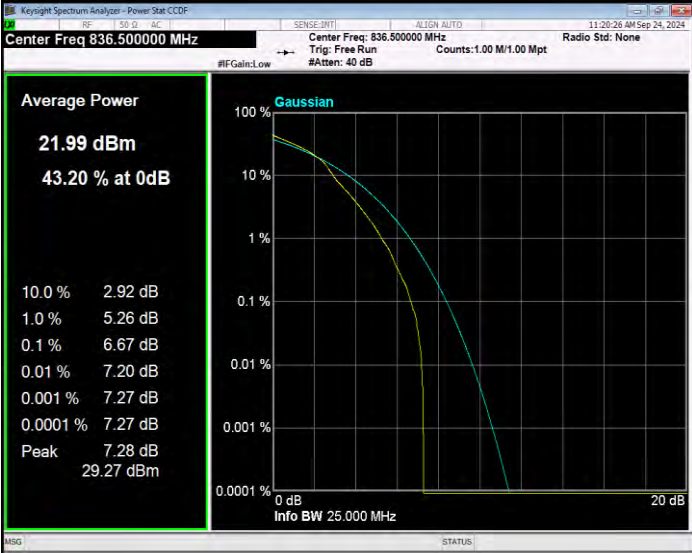
Band4 QPSK BW=5MHz Channel=20375 RB Size=1 Position=#0



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



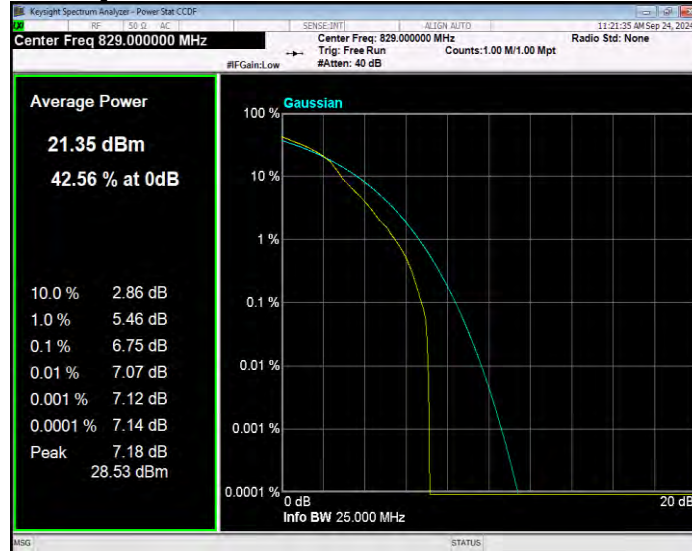
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=1 Position=#0



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



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



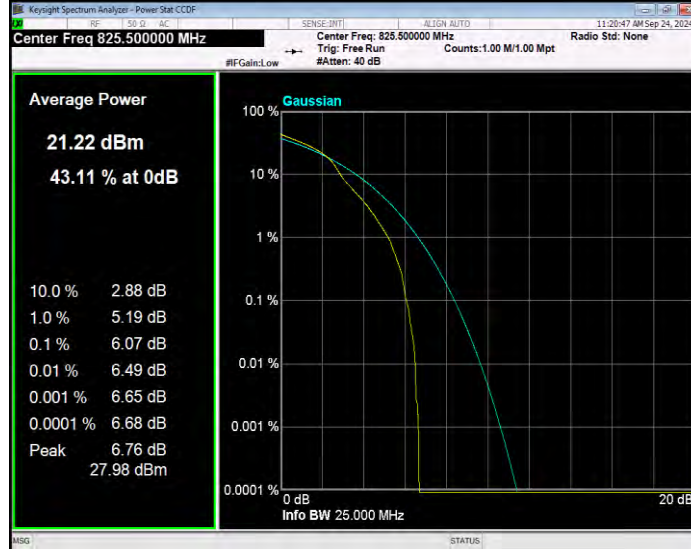
Band5 16QAM BW=10MHz Channel=20525 RB Size=1 Position=#0



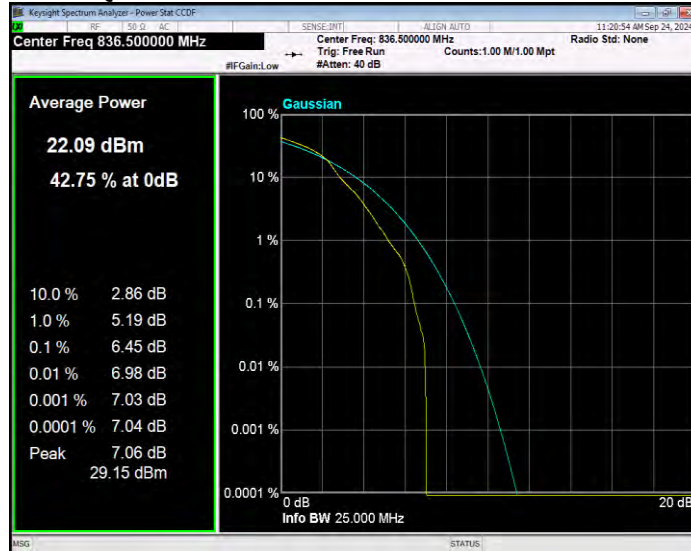
Band5 16QAM BW=10MHz Channel=20600 RB Size=1 Position=#0



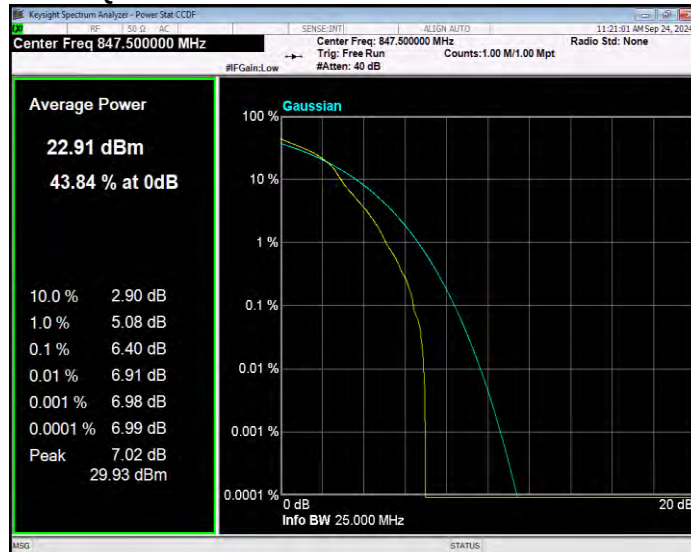
Band5 16QAM BW=3MHz Channel=20415 RB Size=1 Position=#0



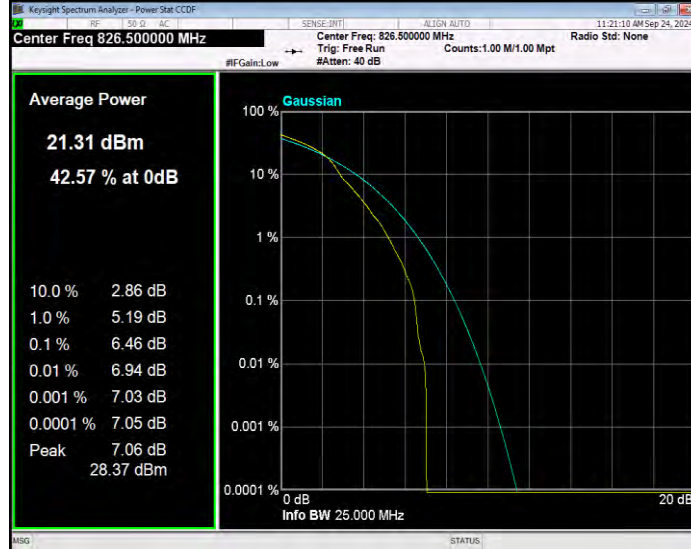
Band5 16QAM BW=3MHz Channel=20525 RB Size=1 Position=#0



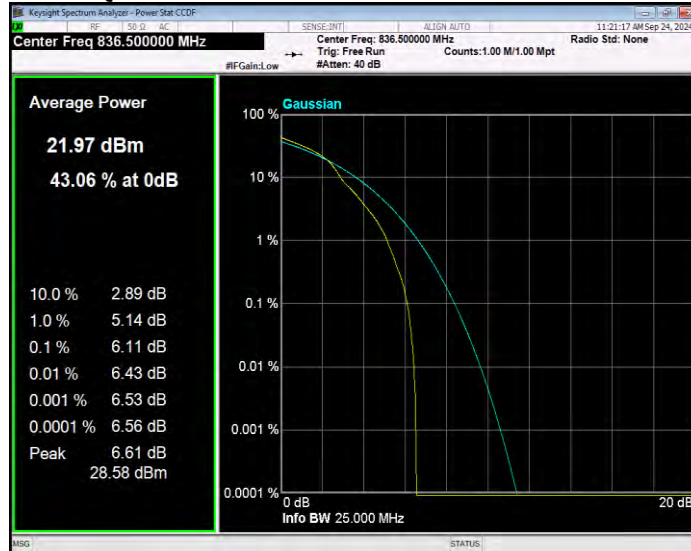
Band5 16QAM BW=3MHz Channel=20635 RB Size=1 Position=#0



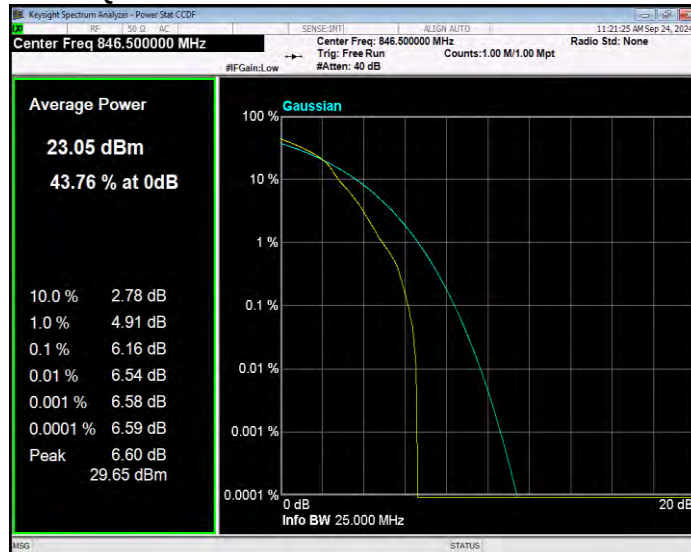
Band5 16QAM BW=5MHz Channel=20425 RB Size=1 Position=#0



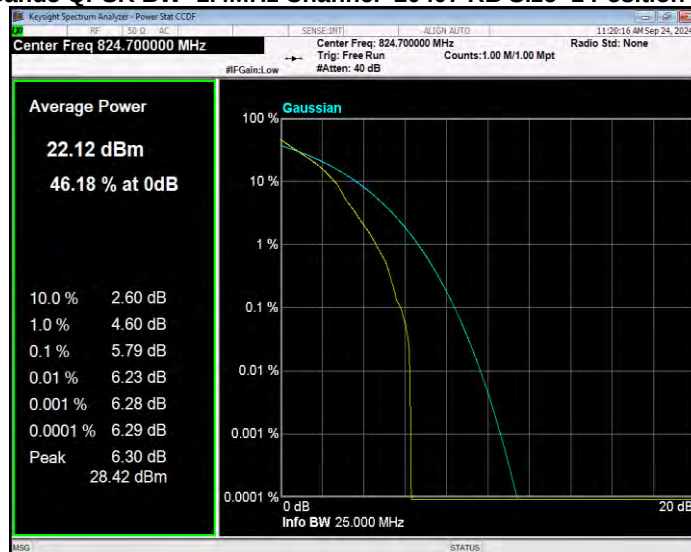
Band5 16QAM BW=5MHz Channel=20525 RB Size=1 Position=#0



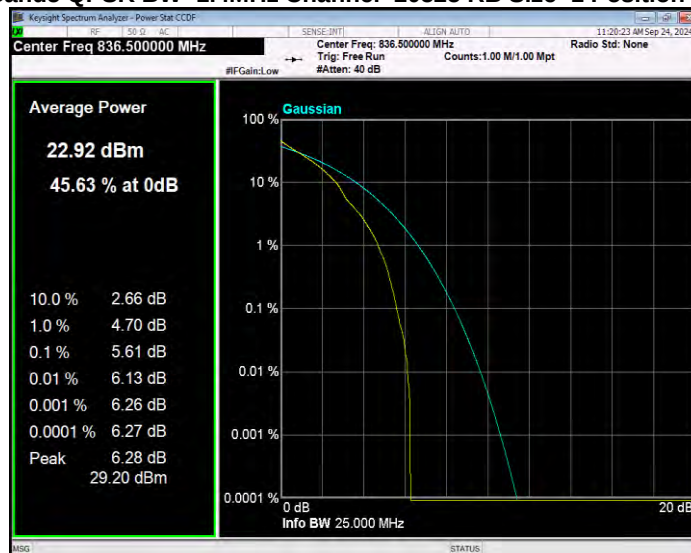
Band5 16QAM BW=5MHz Channel=20625 RB Size=1 Position=#0



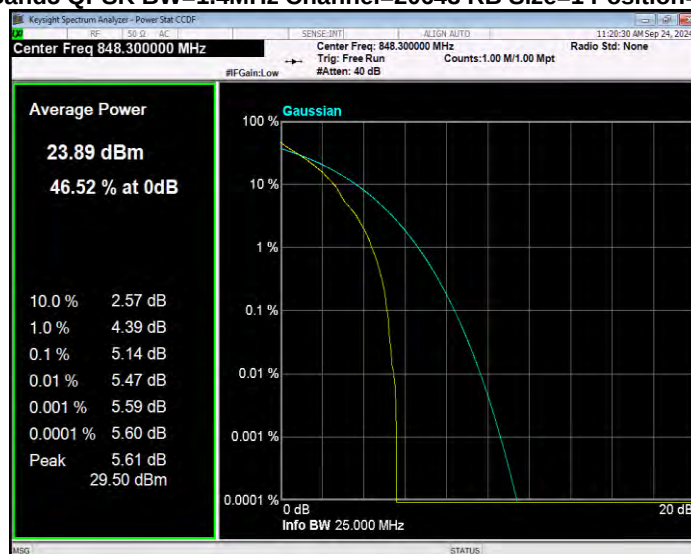
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#0



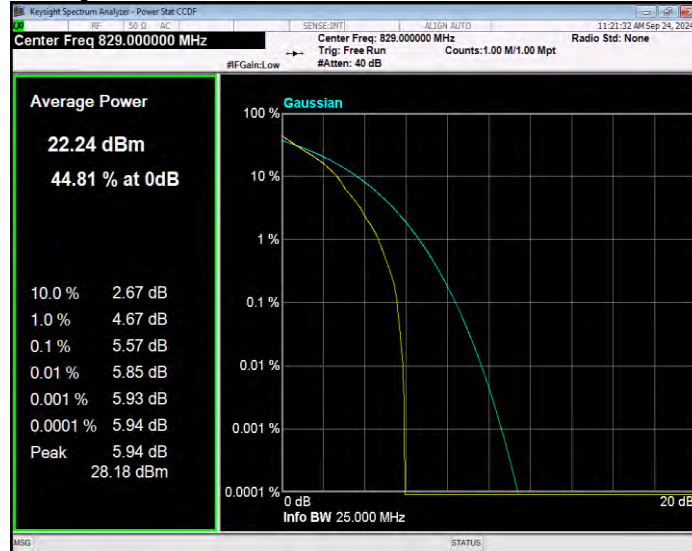
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=1 Position=#0



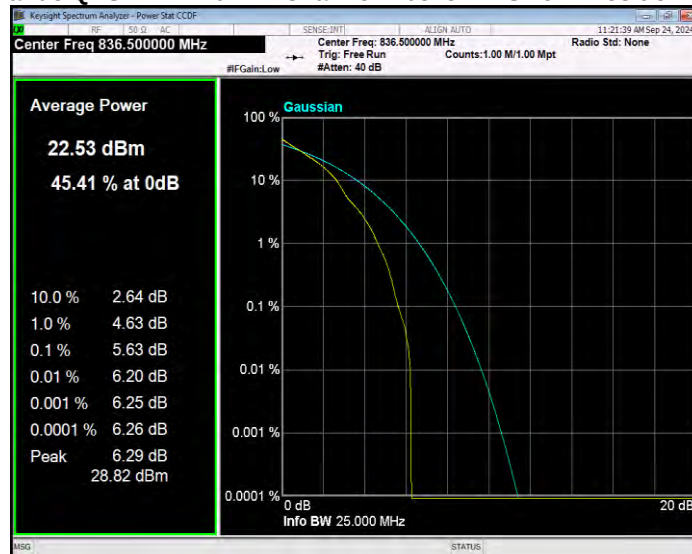
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=1 Position=#0



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



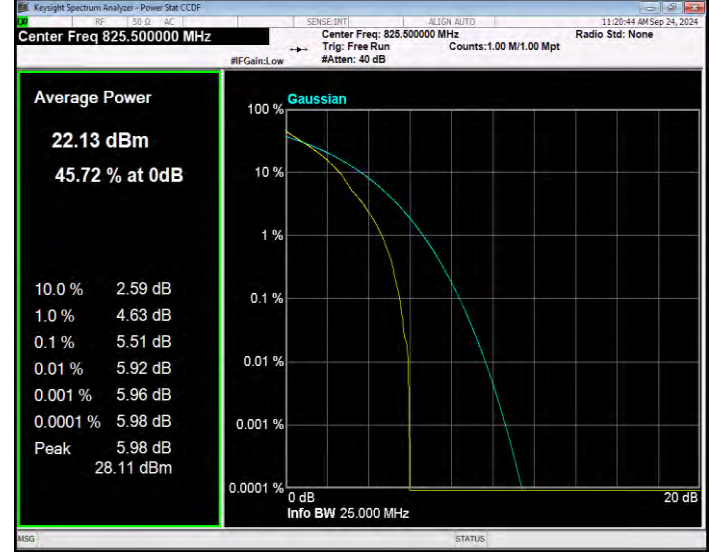
Band5 QPSK BW=10MHz Channel=20525 RB Size=1 Position=#0



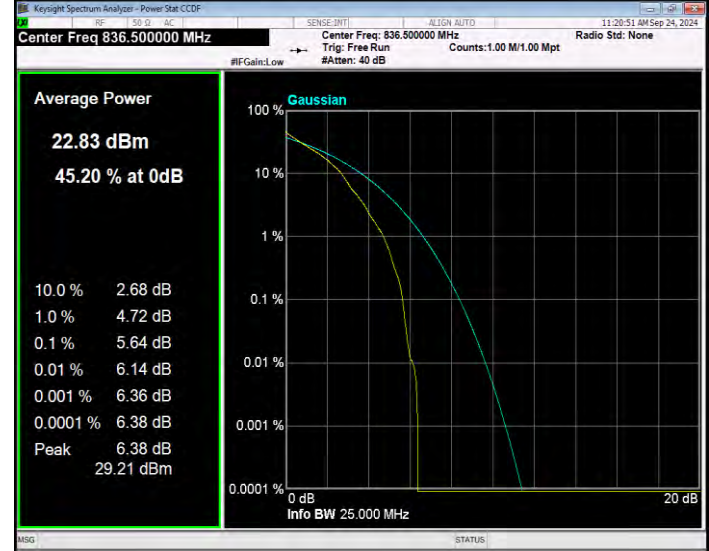
Band5 QPSK BW=10MHz Channel=20600 RB Size=1 Position=#0



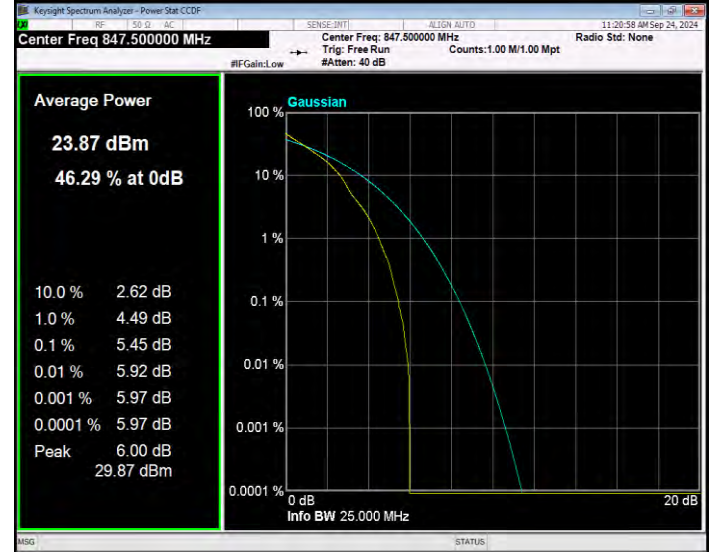
Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#0



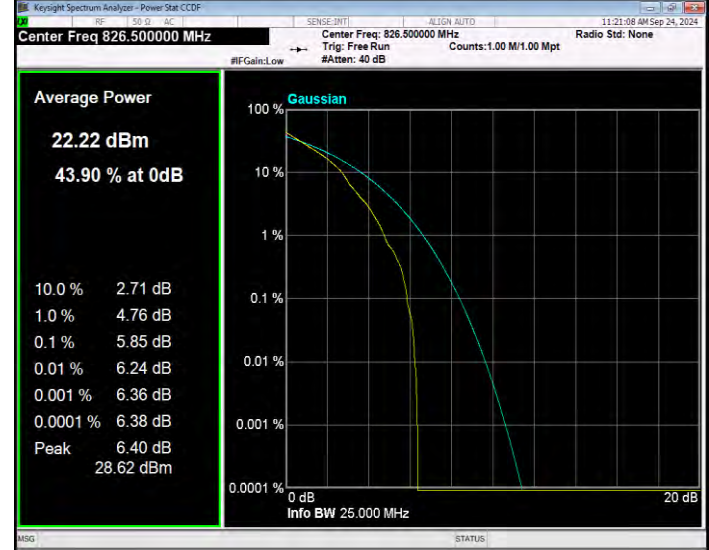
Band5 QPSK BW=3MHz Channel=20525 RB Size=1 Position=#0



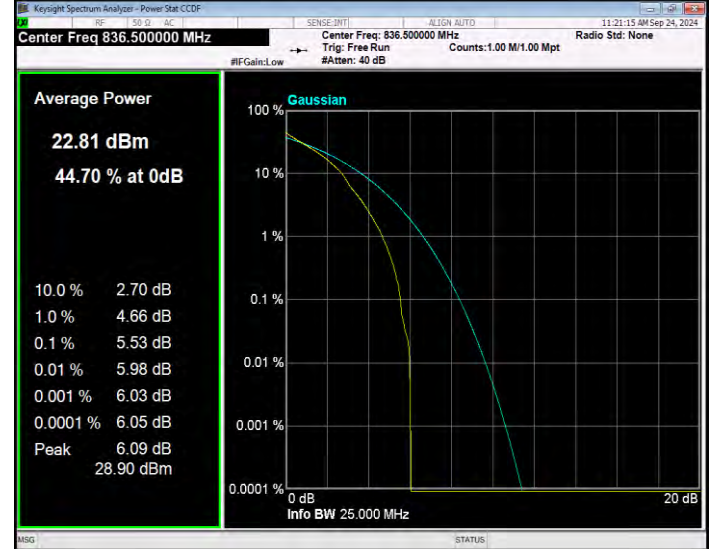
Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#0



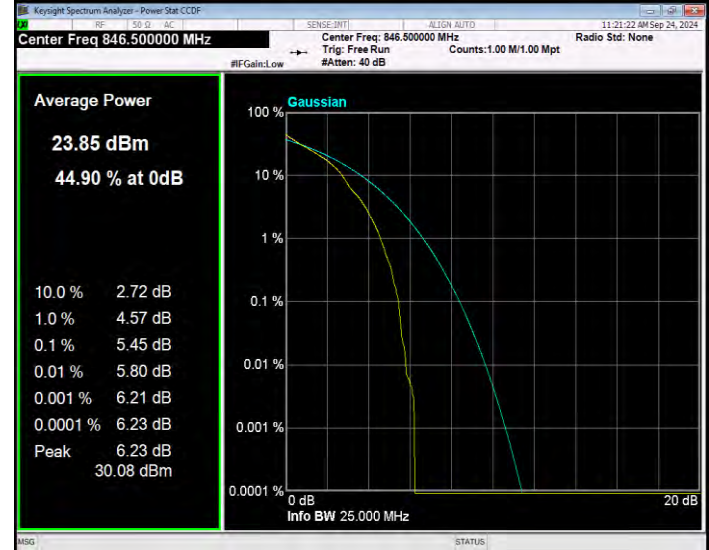
Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#0



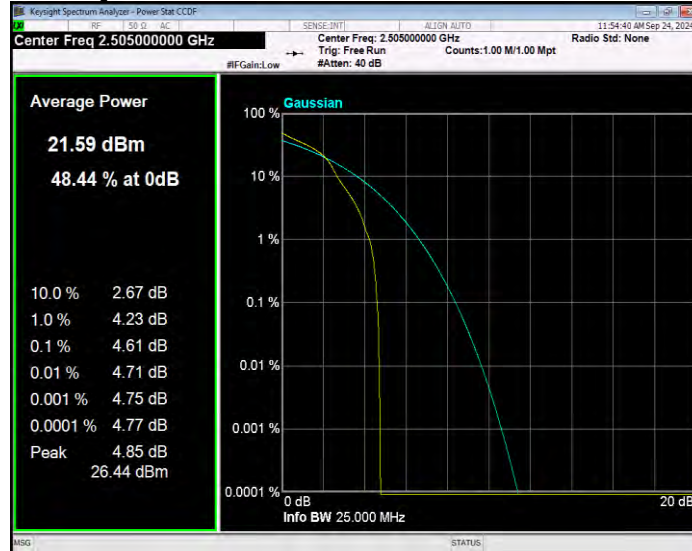
Band5 QPSK BW=5MHz Channel=20525 RB Size=1 Position=#0



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



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



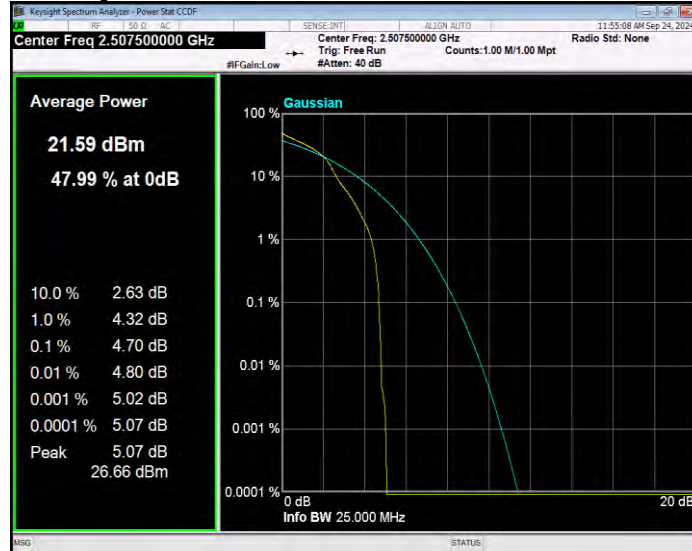
Band7 16QAM BW=10MHz Channel=21100 RB Size=1 Position=#0



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



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



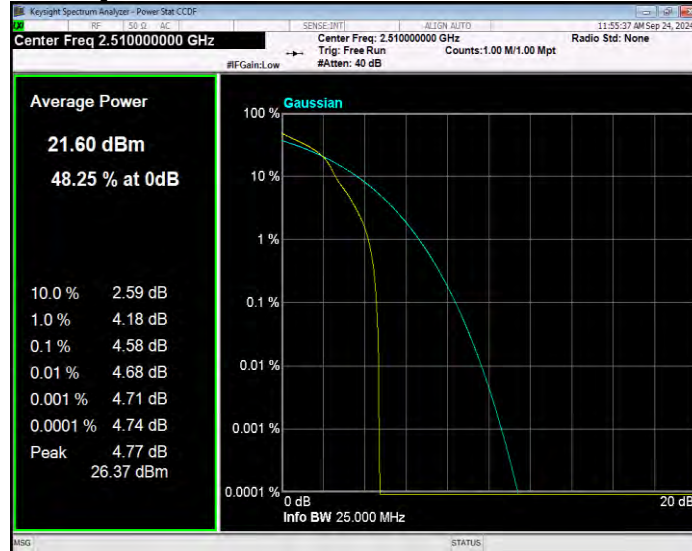
Band7 16QAM BW=15MHz Channel=21100 RB Size=1 Position=#0



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



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



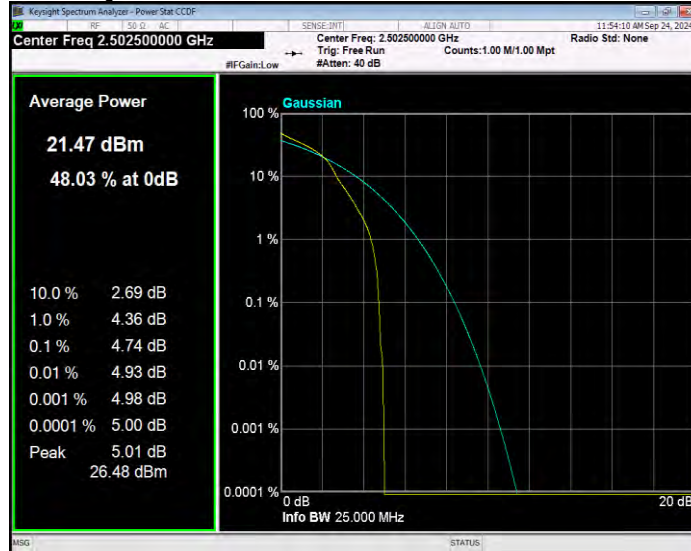
Band7 16QAM BW=20MHz Channel=21100 RB Size=1 Position=#0



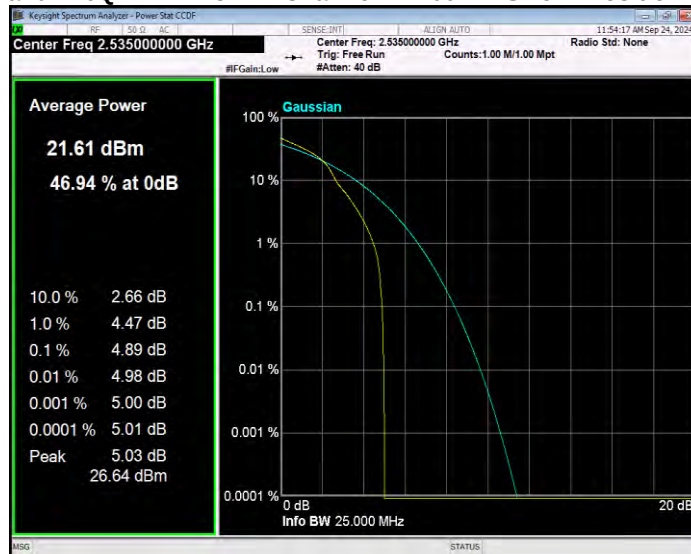
Band7 16QAM BW=20MHz Channel=21350 RB Size=1 Position=#0



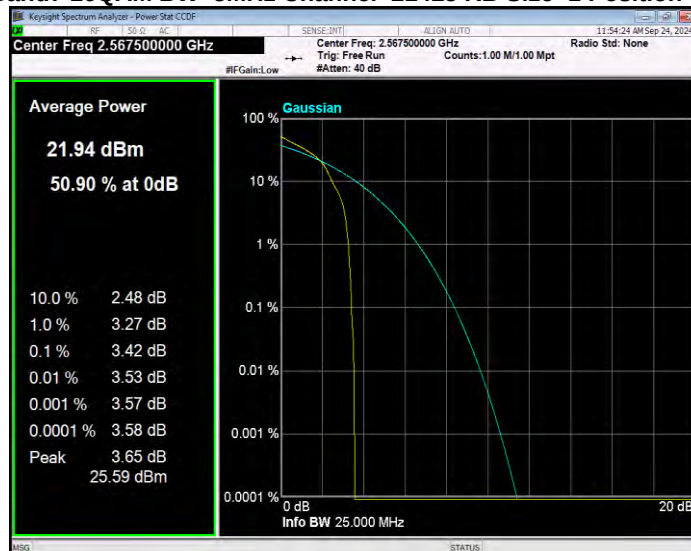
Band7 16QAM BW=5MHz Channel=20775 RB Size=1 Position=#0



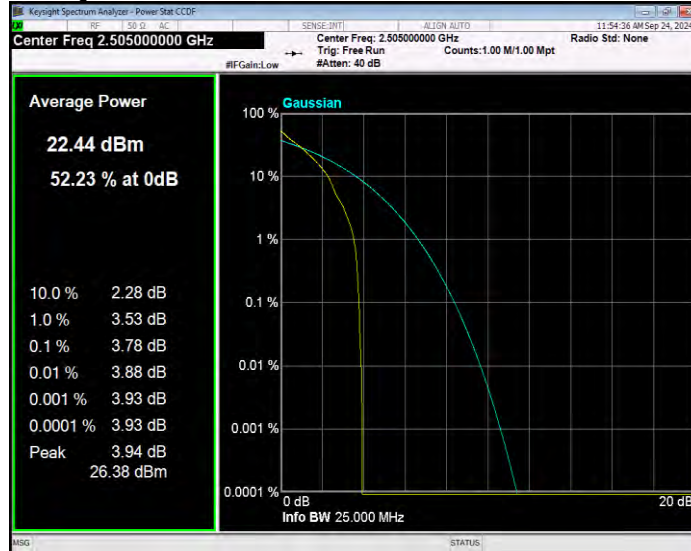
Band7 16QAM BW=5MHz Channel=21100 RB Size=1 Position=#0



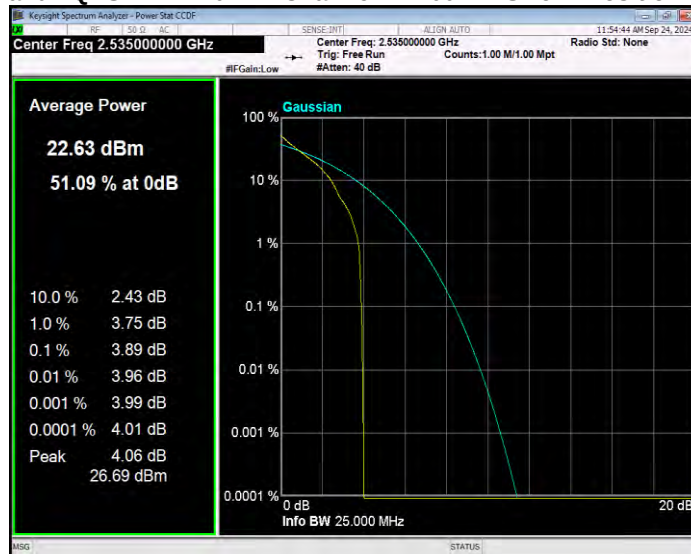
Band7 16QAM BW=5MHz Channel=21425 RB Size=1 Position=#0



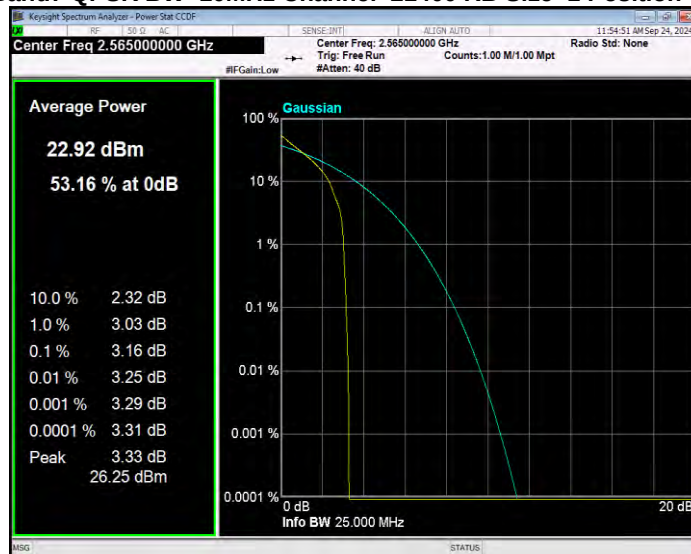
Band7 QPSK BW=10MHz Channel=20800 RB Size=1 Position=#0



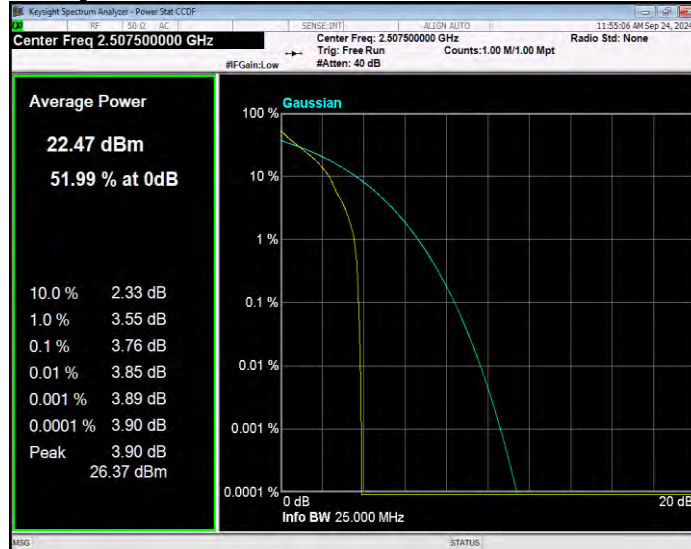
Band7 QPSK BW=10MHz Channel=21100 RB Size=1 Position=#0



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



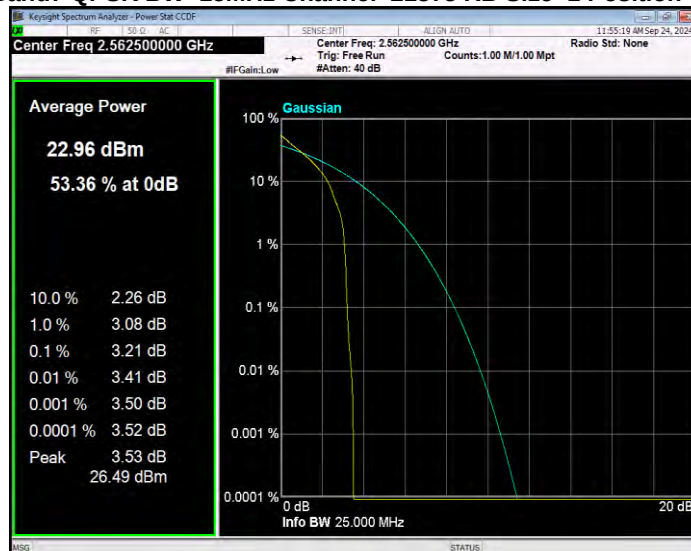
Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#0



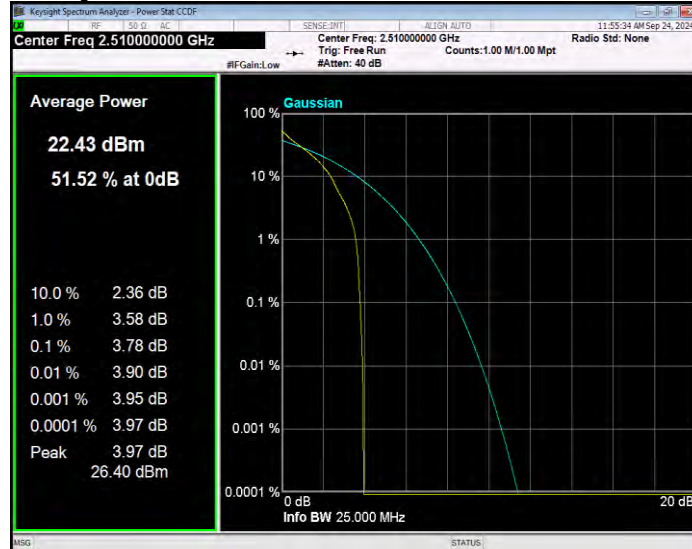
Band7 QPSK BW=15MHz Channel=21100 RB Size=1 Position=#0



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



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



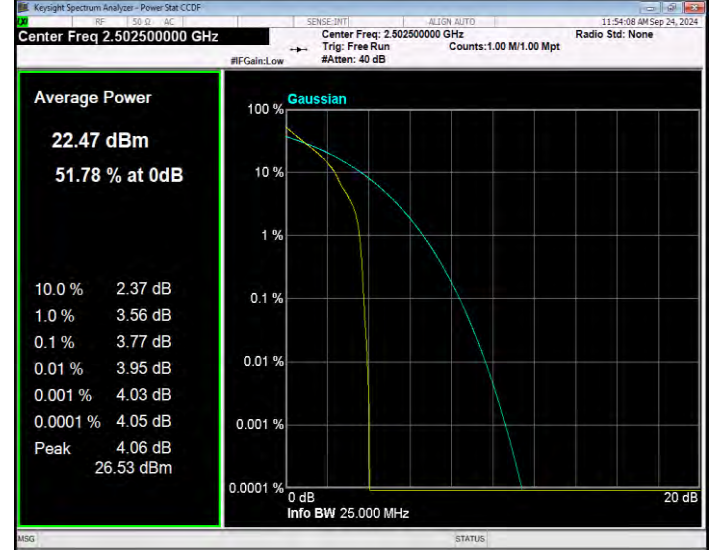
Band7 QPSK BW=20MHz Channel=21100 RB Size=1 Position=#0



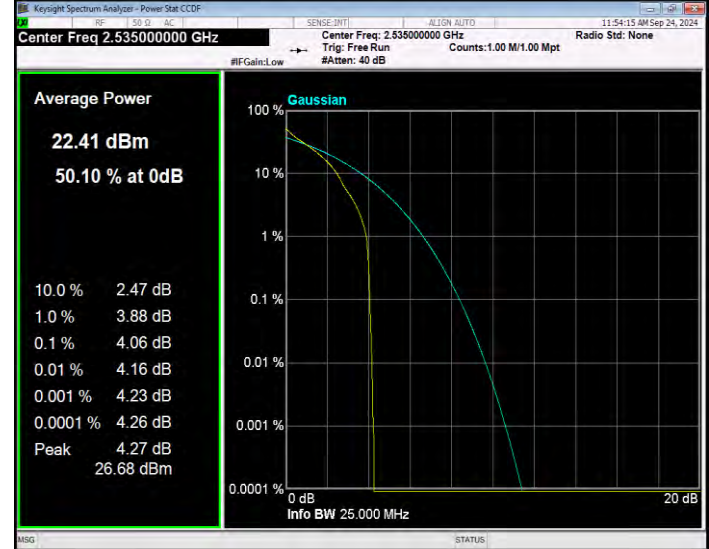
Band7 QPSK BW=20MHz Channel=21350 RB Size=1 Position=#0



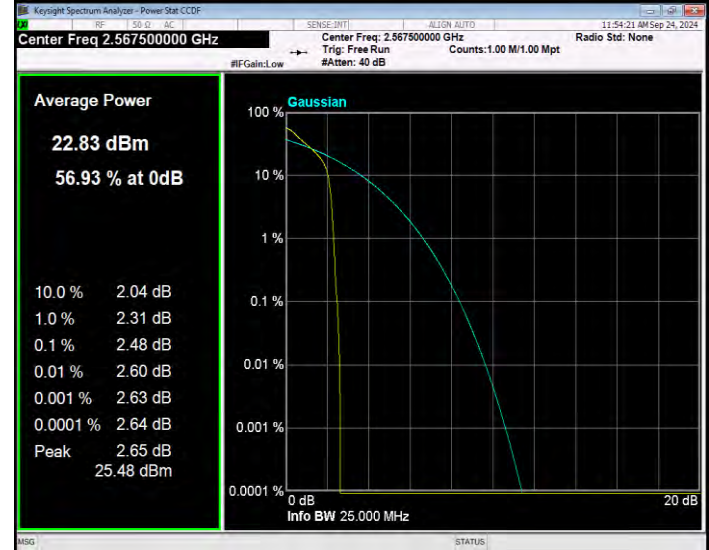
Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#0



Band7 QPSK BW=5MHz Channel=21100 RB Size=1 Position=#0



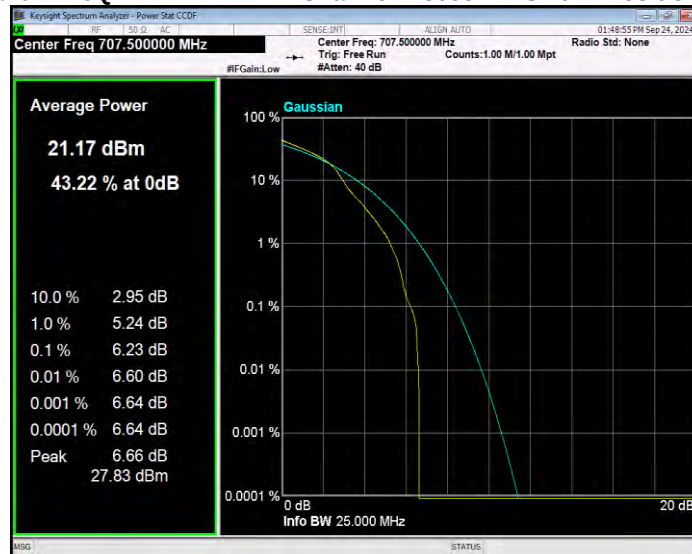
Band7 QPSK BW=5MHz Channel=21425 RB Size=1 Position=#0



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

