

Frequency stability

LTE Band 2 (QPSK) / 1880MHz / BW20M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	0.75	0.000	2.5ppm	PASS
40		0.88	0.000		
30		-0.97	-0.001		
20		-3.35	-0.002		
10		-0.73	0.000		
0		1.04	0.001		
-10		-0.77	0.000		
-20		1.13	0.001		
-30		-0.74	0.000		
20	Maximum Voltage	0.43	0.000	2.5ppm	PASS
20	BEP	-0.84	0.000		

LTE Band 2 (16QAM) / 1880MHz / BW20M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	-0.59	0.000	2.5ppm	PASS
40		0.77	0.000		
30		0.86	0.000		
20		-3.28	-0.002		
10		0.63	0.000		
0		-0.59	0.000		
-10		-0.95	-0.001		
-20		1.09	0.001		
-30		0.65	0.000		
20	Maximum Voltage	0.40	0.000	2.5ppm	PASS
20	BEP	-1.04	-0.001		

LTE Band 4 (QPSK) / 1733MHz / BW20M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	-0.48	0.000	2.5ppm	PASS
40		0.45	0.000		
30		0.66	0.000		
20		-0.27	0.000		
10		0.61	0.000		
0		-0.83	0.000		
-10		-0.68	0.000		
-20		0.49	0.000		
-30		-0.66	0.000		
20	Maximum Voltage	1.04	0.001	2.5ppm	PASS
20	BEP	-0.33	0.000		

LTE Band 4 (16QAM) / 1733MHz / BW20M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	-0.71	0.000	2.5ppm	PASS
40		0.64	0.000		
30		-0.37	0.000		
20		-2.83	-0.002		
10		-0.41	0.000		
0		0.70	0.000		
-10		0.30	0.000		
-20		-0.82	0.000		
-30		0.32	0.000		
20	Maximum Voltage	0.33	0.000	2.5ppm	PASS
20	BEP	0.43	0.000		

LTE Band 5 (QPSK) / 836.5MHz / BW10M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	1.46	0.002	2.5ppm	PASS
40		1.23	0.001		
30		1.37	0.002		
20		-4.41	-0.005		
10		1.20	0.001		
0		-1.17	-0.001		
-10		-1.47	-0.002		
-20		-1.62	-0.002		
-30		-1.58	-0.002		
20	Maximum Voltage	0.70	0.001	2.5ppm	PASS
20	BEP	-2.04	-0.002		

LTE Band 5 (16QAM) / 836.5MHz / BW10M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	0.68	0.001	2.5ppm	PASS
40		-0.87	-0.001		
30		-0.91	-0.001		
20		-3.35	-0.004		
10		-0.75	-0.001		
0		-1.08	-0.001		
-10		-0.78	-0.001		
-20		1.06	0.001		
-30		0.64	0.001		
20	Maximum Voltage	-1.27	-0.002	2.5ppm	PASS
20	BEP	-1.16	-0.001		

LTE Band 7 (QPSK) / 2535MHz / BW20M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	0.70	0.000	2.5ppm	PASS
40		0.88	0.000		
30		0.65	0.000		
20		0.06	0.000		
10		0.79	0.000		
0		0.56	0.000		
-10		0.85	0.000		
-20		1.13	0.000		
-30		0.75	0.000		
20	Maximum Voltage	1.34	0.001	2.5ppm	PASS
20	BEP	1.61	0.001		

LTE Band 7 (16QAM) / 2535MHz / BW20M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	0.16	0.000	2.5ppm	PASS
40		0.41	0.000		
30		0.13	0.000		
20		-1.16	0.000		
10		-0.35	0.000		
0		-0.08	0.000		
-10		-0.03	0.000		
-20		-0.08	0.000		
-30		0.24	0.000		
20	Maximum Voltage	0.64	0.000	2.5ppm	PASS
20	BEP	0.15	0.000		

LTE Band 12 (QPSK) / 707.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	0.61	0.001	2.5ppm	PASS
40		-0.17	0.000		
30		0.38	0.001		
20		-2.45	-0.003		
10		-0.66	-0.001		
0		0.38	0.001		
-10		0.30	0.000		
-20		-0.32	0.000		
-30		-0.41	-0.001		
20	Maximum Voltage	-0.78	-0.001		
20	BEP	0.21	0.000		

LTE Band 12 (16QAM) / 707.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-1.42	-0.002	2.5ppm	PASS
40		-1.32	-0.002		
30		1.37	0.002		
20		-4.51	-0.006		
10		1.70	0.002		
0		-1.20	-0.002		
-10		-1.21	-0.002		
-20		1.17	0.002		
-30		1.15	0.002		
20	Maximum Voltage	-2.26	-0.003		
20	BEP	0.74	0.001		

LTE Band 13 (QPSK) / 782MHz / BW10M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	-0.05	0.000	2.5ppm	PASS
40		-0.34	0.000		
30		-0.20	0.000		
20		-2.23	-0.003		
10		-0.17	0.000		
0		-0.36	0.000		
-10		0.13	0.000		
-20		0.11	0.000		
-30		-0.02	0.000		
20	Maximum Voltage	0.00	0.000	2.5ppm	PASS
20	BEP	0.18	0.000		

LTE Band 13 (16QAM) / 782MHz / BW10M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	-1.07	-0.001	2.5ppm	PASS
40		-0.70	-0.001		
30		0.84	0.001		
20		-3.29	-0.004		
10		-0.70	-0.001		
0		-0.54	-0.001		
-10		-0.62	-0.001		
-20		1.07	0.001		
-30		-0.95	-0.001		
20	Maximum Voltage	-0.87	-0.001	2.5ppm	PASS
20	BEP	0.31	0.000		

LTE Band 17 (QPSK) / 710MHz / BW10M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	-0.43	-0.001	2.5ppm	PASS
40		0.43	0.001		
30		-0.44	-0.001		
20		-1.17	-0.002		
10		-0.25	0.000		
0		0.42	0.001		
-10		0.03	0.000		
-20		-0.01	0.000		
-30		-0.48	-0.001		
20	Maximum Voltage	0.80	0.001	2.5ppm	PASS
20	BEP	-0.04	0.000		

LTE Band 17 (16QAM) / 710MHz / BW10M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	-0.34	0.000	2.5ppm	PASS
40		0.21	0.000		
30		-0.33	0.000		
20		-0.77	-0.001		
10		0.58	0.001		
0		0.67	0.001		
-10		0.39	0.001		
-20		-0.68	-0.001		
-30		-0.49	-0.001		
20	Maximum Voltage	1.06	0.001	2.5ppm	PASS
20	BEP	-0.12	0.000		

LTE Band 25 (QPSK) / 1882.5MHz / BW20M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	-1.28	-0.001	2.5ppm	PASS
40		-1.30	-0.001		
30		1.51	0.001		
20		0.77	0.000		
10		-1.27	-0.001		
0		-0.99	-0.001		
-10		1.10	0.001		
-20		-1.26	-0.001		
-30		1.32	0.001		
20	Maximum Voltage	2.05	0.001		
20	BEP	2.10	0.001		

LTE Band 25 (16QAM) / 1882.5MHz / BW20M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	1.09	0.001	2.5ppm	PASS
40		1.08	0.001		
30		-0.96	-0.001		
20		-3.72	-0.002		
10		-1.07	-0.001		
0		-0.86	0.000		
-10		-1.10	-0.001		
-20		-0.77	0.000		
-30		0.86	0.000		
20	Maximum Voltage	-1.44	-0.001		
20	BEP	0.61	0.000		

LTE Band 26 (QPSK) / 836.5MHz / BW15M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	-1.25	-0.001	2.5ppm	PASS
40		-1.34	-0.002		
30		0.99	0.001		
20		-3.76	-0.004		
10		-0.93	-0.001		
0		0.85	0.001		
-10		-1.22	-0.001		
-20		1.18	0.001		
-30		1.24	0.001		
20	Maximum Voltage	0.45	0.001	2.5ppm	PASS
20	BEP	-1.65	-0.002		

LTE Band 26 (16QAM) / 836.5MHz / BW15M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	-0.72	-0.001	2.5ppm	PASS
40		-0.89	-0.001		
30		0.75	0.001		
20		-3.39	-0.004		
10		0.77	0.001		
0		1.12	0.001		
-10		0.92	0.001		
-20		-1.09	-0.001		
-30		-0.94	-0.001		
20	Maximum Voltage	0.50	0.001	2.5ppm	PASS
20	BEP	-0.94	-0.001		

LTE Band 38 (QPSK) / 2595MHz / BW20M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	-1.65	-0.001	2.5ppm	PASS
40		1.84	0.001		
30		1.50	0.001		
20		1.83	0.001		
10		-1.77	-0.001		
0		-1.97	-0.001		
-10		-1.71	-0.001		
-20		-1.68	-0.001		
-30		1.65	0.001		
20	Maximum Voltage	2.43	0.001	2.5ppm	PASS
20	BEP	2.58	0.001		

LTE Band 38 (16QAM) / 2595MHz / BW20M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	-0.58	0.000	2.5ppm	PASS
40		-0.74	0.000		
30		-0.42	0.000		
20		-0.44	0.000		
10		-0.34	0.000		
0		-0.63	0.000		
-10		-0.45	0.000		
-20		-0.33	0.000		
-30		-0.54	0.000		
20	Maximum Voltage	-0.43	0.000	2.5ppm	PASS
20	BEP	0.88	0.000		

Band40(2350-2360)(QPSK) / 2355MHz / BW10M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	-3.47	-0.001	2.5ppm	PASS
40		-3.69	-0.002		
30		3.44	0.001		
20		5.48	0.002		
10		-3.73	-0.002		
0		3.59	0.002		
-10		3.47	0.001		
-20		3.56	0.002		
-30		-3.34	-0.001		
20	Maximum Voltage	5.56	0.002	2.5ppm	PASS
20	BEP	-1.91	-0.001		

Band40(2350-2360)(16QAM) / 2355MHz / BW10M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	-4.13	-0.002	2.5ppm	PASS
40		-4.18	-0.002		
30		-4.32	-0.002		
20		6.45	0.003		
10		3.81	0.002		
0		-3.99	-0.002		
-10		3.81	0.002		
-20		-4.07	-0.002		
-30		-4.25	-0.002		
20	Maximum Voltage	5.88	0.002	2.5ppm	PASS
20	BEP	-2.12	-0.001		

Band40(2305-2315) (QPSK) / 2310MHz / BW10M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	3.49	0.002	2.5ppm	PASS
40		3.33	0.001		
30		-3.39	-0.001		
20		5.36	0.002		
10		-3.56	-0.002		
0		3.53	0.002		
-10		3.38	0.001		
-20		3.64	0.002		
-30		3.36	0.001		
20	Maximum Voltage	-1.73	-0.001	2.5ppm	PASS
20	BEP	-1.88	-0.001		

Band40(2305-2315) (16QAM) / 2310MHz / BW10M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	-3.96	-0.002	2.5ppm	PASS
40		-3.61	-0.002		
30		-3.87	-0.002		
20		5.81	0.003		
10		-3.78	-0.002		
0		3.84	0.002		
-10		-3.98	-0.002		
-20		4.03	0.002		
-30		-3.51	-0.002		
20	Maximum Voltage	5.29	0.002	2.5ppm	PASS
20	BEP	-1.94	-0.001		

LTE Band 41 (QPSK) / 2605MHz / BW20M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	-0.70	0.000	2.5ppm	PASS
40		0.80	0.000		
30		0.73	0.000		
20		-3.32	-0.001		
10		1.09	0.000		
0		0.99	0.000		
-10		0.90	0.000		
-20		-0.55	0.000		
-30		-0.94	0.000		
20	Maximum Voltage	0.33	0.000	2.5ppm	PASS
20	BEP	-1.11	0.000		

LTE Band 41 (16QAM) / 2605MHz / BW20M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	-2.92	-0.001	2.5ppm	PASS
40		-2.82	-0.001		
30		2.86	0.001		
20		-7.20	-0.003		
10		3.02	0.001		
0		-2.93	-0.001		
-10		-3.00	-0.001		
-20		-2.78	-0.001		
-30		-2.81	-0.001		
20	Maximum Voltage	-3.87	-0.001	2.5ppm	PASS
20	BEP	1.43	0.001		

LTE Band 66 (QPSK) / 1745MHz / BW20M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	-1.37	-0.001	2.5ppm	PASS
40		-1.62	-0.001		
30		1.35	0.001		
20		1.47	0.001		
10		1.57	0.001		
0		1.68	0.001		
-10		1.50	0.001		
-20		-1.71	-0.001		
-30		-1.40	-0.001		
20	Maximum Voltage	-0.74	0.000	2.5ppm	PASS
20	BEP	2.29	0.001		

LTE Band 66 (16QAM) / 1745MHz / BW20M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	-0.69	0.000	2.5ppm	PASS
40		-0.94	-0.001		
30		1.01	0.001		
20		-0.03	0.000		
10		-0.63	0.000		
0		-0.55	0.000		
-10		0.60	0.000		
-20		-0.79	0.000		
-30		0.97	0.001		
20	Maximum Voltage	-0.36	0.000	2.5ppm	PASS
20	BEP	0.97	0.001		

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	5.19	13	PASS
Band2	1.4	18607	1	#0	16QAM	5.85	13	PASS
Band2	1.4	18900	1	#0	QPSK	5.25	13	PASS
Band2	1.4	18900	1	#0	16QAM	6.14	13	PASS
Band2	1.4	19193	1	#0	QPSK	5.20	13	PASS
Band2	1.4	19193	1	#0	16QAM	6.27	13	PASS
Band2	3	18615	1	#0	QPSK	5.25	13	PASS
Band2	3	18615	1	#0	16QAM	6.35	13	PASS
Band2	3	18900	1	#0	QPSK	5.18	13	PASS
Band2	3	18900	1	#0	16QAM	5.61	13	PASS
Band2	3	19185	1	#0	QPSK	5.29	13	PASS
Band2	3	19185	1	#0	16QAM	6.28	13	PASS
Band2	5	18625	1	#0	QPSK	5.31	13	PASS
Band2	5	18625	1	#0	16QAM	5.66	13	PASS
Band2	5	18900	1	#0	QPSK	5.41	13	PASS
Band2	5	18900	1	#0	16QAM	6.04	13	PASS
Band2	5	19175	1	#0	QPSK	5.71	13	PASS
Band2	5	19175	1	#0	16QAM	6.11	13	PASS
Band2	10	18650	1	#0	QPSK	5.55	13	PASS
Band2	10	18650	1	#0	16QAM	6.25	13	PASS
Band2	10	18900	1	#0	QPSK	5.40	13	PASS
Band2	10	18900	1	#0	16QAM	6.37	13	PASS
Band2	10	19150	1	#0	QPSK	5.28	13	PASS
Band2	10	19150	1	#0	16QAM	5.65	13	PASS
Band2	15	18675	1	#0	QPSK	5.28	13	PASS
Band2	15	18675	1	#0	16QAM	6.43	13	PASS
Band2	15	18900	1	#0	QPSK	5.50	13	PASS
Band2	15	18900	1	#0	16QAM	6.42	13	PASS
Band2	15	19125	1	#0	QPSK	5.29	13	PASS
Band2	15	19125	1	#0	16QAM	6.07	13	PASS
Band2	20	18700	1	#0	QPSK	5.58	13	PASS
Band2	20	18700	1	#0	16QAM	6.14	13	PASS
Band2	20	18900	1	#0	QPSK	5.54	13	PASS
Band2	20	18900	1	#0	16QAM	6.60	13	PASS
Band2	20	19100	1	#0	QPSK	5.09	13	PASS
Band2	20	19100	1	#0	16QAM	5.64	13	PASS
Band4	1.4	19957	1	#0	QPSK	5.04	13	PASS
Band4	1.4	19957	1	#0	16QAM	5.89	13	PASS
Band4	1.4	20175	1	#0	QPSK	5.15	13	PASS
Band4	1.4	20175	1	#0	16QAM	5.59	13	PASS
Band4	1.4	20393	1	#0	QPSK	5.21	13	PASS
Band4	1.4	20393	1	#0	16QAM	6.25	13	PASS
Band4	3	19965	1	#0	QPSK	5.12	13	PASS
Band4	3	19965	1	#0	16QAM	6.08	13	PASS
Band4	3	20175	1	#0	QPSK	5.04	13	PASS
Band4	3	20175	1	#0	16QAM	5.61	13	PASS
Band4	3	20385	1	#0	QPSK	5.38	13	PASS
Band4	3	20385	1	#0	16QAM	5.98	13	PASS
Band4	5	19975	1	#0	QPSK	4.91	13	PASS
Band4	5	19975	1	#0	16QAM	5.33	13	PASS
Band4	5	20175	1	#0	QPSK	5.38	13	PASS
Band4	5	20175	1	#0	16QAM	5.82	13	PASS
Band4	5	20375	1	#0	QPSK	5.60	13	PASS
Band4	5	20375	1	#0	16QAM	5.84	13	PASS
Band4	10	20000	1	#0	QPSK	5.01	13	PASS
Band4	10	20000	1	#0	16QAM	5.95	13	PASS
Band4	10	20175	1	#0	QPSK	5.34	13	PASS
Band4	10	20175	1	#0	16QAM	6.32	13	PASS
Band4	10	20350	1	#0	QPSK	4.98	13	PASS
Band4	10	20350	1	#0	16QAM	5.63	13	PASS
Band4	15	20025	1	#0	QPSK	4.92	13	PASS
Band4	15	20025	1	#0	16QAM	5.92	13	PASS
Band4	15	20175	1	#0	QPSK	5.40	13	PASS
Band4	15	20175	1	#0	16QAM	6.07	13	PASS

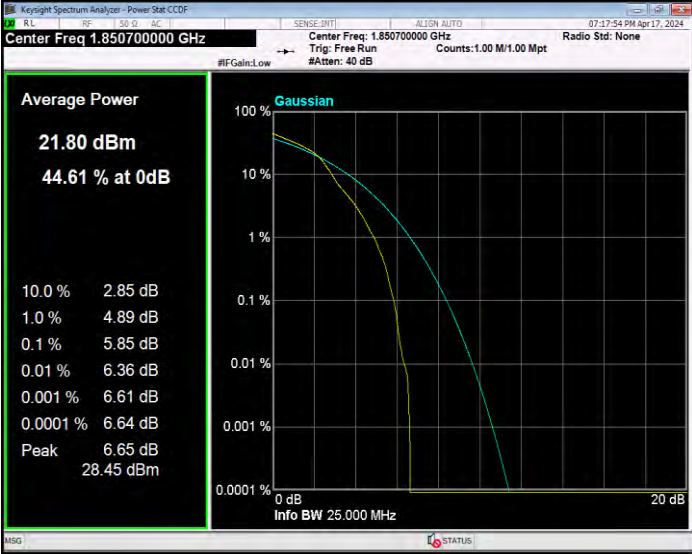
Band4	15	20325	1	#0	QPSK	5.22	13	PASS
Band4	15	20325	1	#0	16QAM	6.13	13	PASS
Band4	20	20050	1	#0	QPSK	4.87	13	PASS
Band4	20	20050	1	#0	16QAM	5.47	13	PASS
Band4	20	20175	1	#0	QPSK	5.55	13	PASS
Band4	20	20175	1	#0	16QAM	5.98	13	PASS
Band4	20	20300	1	#0	QPSK	5.22	13	PASS
Band4	20	20300	1	#0	16QAM	6.53	13	PASS
Band5	1.4	20407	1	#0	QPSK	5.16	13	PASS
Band5	1.4	20407	1	#0	16QAM	6.19	13	PASS
Band5	1.4	20525	1	#0	QPSK	5.84	13	PASS
Band5	1.4	20525	1	#0	16QAM	6.33	13	PASS
Band5	1.4	20643	1	#0	QPSK	5.78	13	PASS
Band5	1.4	20643	1	#0	16QAM	6.66	13	PASS
Band5	3	20415	1	#0	QPSK	5.36	13	PASS
Band5	3	20415	1	#0	16QAM	6.24	13	PASS
Band5	3	20525	1	#0	QPSK	5.80	13	PASS
Band5	3	20525	1	#0	16QAM	6.21	13	PASS
Band5	3	20635	1	#0	QPSK	5.60	13	PASS
Band5	3	20635	1	#0	16QAM	6.48	13	PASS
Band5	5	20425	1	#0	QPSK	5.37	13	PASS
Band5	5	20425	1	#0	16QAM	5.92	13	PASS
Band5	5	20525	1	#0	QPSK	6.54	13	PASS
Band5	5	20525	1	#0	16QAM	6.45	13	PASS
Band5	5	20625	1	#0	QPSK	5.14	13	PASS
Band5	5	20625	1	#0	16QAM	5.70	13	PASS
Band5	10	20450	1	#0	QPSK	5.39	13	PASS
Band5	10	20450	1	#0	16QAM	6.31	13	PASS
Band5	10	20525	1	#0	QPSK	5.93	13	PASS
Band5	10	20525	1	#0	16QAM	6.69	13	PASS
Band5	10	20600	1	#0	QPSK	5.56	13	PASS
Band5	10	20600	1	#0	16QAM	6.07	13	PASS
Band7	5	20775	1	#0	QPSK	4.28	13	PASS
Band7	5	20775	1	#0	16QAM	4.87	13	PASS
Band7	5	21100	1	#0	QPSK	4.05	13	PASS
Band7	5	21100	1	#0	16QAM	4.80	13	PASS
Band7	5	21425	1	#0	QPSK	4.42	13	PASS
Band7	5	21425	1	#0	16QAM	4.86	13	PASS
Band7	10	20800	1	#0	QPSK	4.24	13	PASS
Band7	10	20800	1	#0	16QAM	5.38	13	PASS
Band7	10	21100	1	#0	QPSK	4.04	13	PASS
Band7	10	21100	1	#0	16QAM	4.79	13	PASS
Band7	10	21400	1	#0	QPSK	4.25	13	PASS
Band7	10	21400	1	#0	16QAM	5.01	13	PASS
Band7	15	20825	1	#0	QPSK	4.30	13	PASS
Band7	15	20825	1	#0	16QAM	5.25	13	PASS
Band7	15	21100	1	#0	QPSK	4.34	13	PASS
Band7	15	21100	1	#0	16QAM	5.10	13	PASS
Band7	15	21375	1	#0	QPSK	4.33	13	PASS
Band7	15	21375	1	#0	16QAM	5.52	13	PASS
Band7	20	20850	1	#0	QPSK	4.19	13	PASS
Band7	20	20850	1	#0	16QAM	4.82	13	PASS
Band7	20	21100	1	#0	QPSK	4.37	13	PASS
Band7	20	21100	1	#0	16QAM	5.29	13	PASS
Band7	20	21350	1	#0	QPSK	4.81	13	PASS
Band7	20	21350	1	#0	16QAM	5.90	13	PASS
Band12	1.4	23017	1	#0	QPSK	4.54	13	PASS
Band12	1.4	23017	1	#0	16QAM	5.44	13	PASS
Band12	1.4	23095	1	#0	QPSK	4.94	13	PASS
Band12	1.4	23095	1	#0	16QAM	5.66	13	PASS
Band12	1.4	23173	1	#0	QPSK	5.41	13	PASS
Band12	1.4	23173	1	#0	16QAM	6.17	13	PASS
Band12	3	23025	1	#0	QPSK	4.46	13	PASS
Band12	3	23025	1	#0	16QAM	5.17	13	PASS
Band12	3	23095	1	#0	QPSK	5.07	13	PASS
Band12	3	23095	1	#0	16QAM	5.93	13	PASS
Band12	3	23165	1	#0	QPSK	5.44	13	PASS
Band12	3	23165	1	#0	16QAM	6.56	13	PASS

Band12	5	23035	1	#0	QPSK	4.54	13	PASS
Band12	5	23035	1	#0	16QAM	5.09	13	PASS
Band12	5	23095	1	#0	QPSK	4.60	13	PASS
Band12	5	23095	1	#0	16QAM	5.19	13	PASS
Band12	5	23155	1	#0	QPSK	5.40	13	PASS
Band12	5	23155	1	#0	16QAM	6.05	13	PASS
Band12	10	23060	1	#0	QPSK	4.09	13	PASS
Band12	10	23060	1	#0	16QAM	5.00	13	PASS
Band12	10	23095	1	#0	QPSK	3.34	13	PASS
Band12	10	23095	1	#0	16QAM	4.33	13	PASS
Band12	10	23130	1	#0	QPSK	4.85	13	PASS
Band12	10	23130	1	#0	16QAM	5.56	13	PASS
Band13	5	23205	1	#0	QPSK	4.93	13	PASS
Band13	5	23205	1	#0	16QAM	5.33	13	PASS
Band13	5	23230	1	#0	QPSK	4.98	13	PASS
Band13	5	23230	1	#0	16QAM	5.55	13	PASS
Band13	5	23255	1	#0	QPSK	5.98	13	PASS
Band13	5	23255	1	#0	16QAM	6.39	13	PASS
Band13	10	23230	1	#0	QPSK	4.82	13	PASS
Band13	10	23230	1	#0	16QAM	5.96	13	PASS
Band17	5	23755	1	#0	QPSK	4.46	13	PASS
Band17	5	23755	1	#0	16QAM	5.05	13	PASS
Band17	5	23790	1	#0	QPSK	4.88	13	PASS
Band17	5	23790	1	#0	16QAM	5.40	13	PASS
Band17	5	23825	1	#0	QPSK	5.46	13	PASS
Band17	5	23825	1	#0	16QAM	6.14	13	PASS
Band17	10	23780	1	#0	QPSK	4.28	13	PASS
Band17	10	23780	1	#0	16QAM	4.99	13	PASS
Band17	10	23790	1	#0	QPSK	4.76	13	PASS
Band17	10	23790	1	#0	16QAM	5.62	13	PASS
Band17	10	23800	1	#0	QPSK	5.03	13	PASS
Band17	10	23800	1	#0	16QAM	6.00	13	PASS
Band25	1.4	26047	1	#0	QPSK	5.28	13	PASS
Band25	1.4	26047	1	#0	16QAM	5.82	13	PASS
Band25	1.4	26365	1	#0	QPSK	5.61	13	PASS
Band25	1.4	26365	1	#0	16QAM	6.34	13	PASS
Band25	1.4	26683	1	#0	QPSK	5.28	13	PASS
Band25	1.4	26683	1	#0	16QAM	6.40	13	PASS
Band25	3	26055	1	#0	QPSK	5.48	13	PASS
Band25	3	26055	1	#0	16QAM	6.40	13	PASS
Band25	3	26365	1	#0	QPSK	5.31	13	PASS
Band25	3	26365	1	#0	16QAM	6.42	13	PASS
Band25	3	26675	1	#0	QPSK	5.20	13	PASS
Band25	3	26675	1	#0	16QAM	5.66	13	PASS
Band25	5	26065	1	#0	QPSK	5.51	13	PASS
Band25	5	26065	1	#0	16QAM	6.16	13	PASS
Band25	5	26365	1	#0	QPSK	5.83	13	PASS
Band25	5	26365	1	#0	16QAM	6.12	13	PASS
Band25	5	26665	1	#0	QPSK	5.31	13	PASS
Band25	5	26665	1	#0	16QAM	5.78	13	PASS
Band25	10	26090	1	#0	QPSK	5.72	13	PASS
Band25	10	26090	1	#0	16QAM	6.45	13	PASS
Band25	10	26365	1	#0	QPSK	5.41	13	PASS
Band25	10	26365	1	#0	16QAM	6.22	13	PASS
Band25	10	26640	1	#0	QPSK	5.32	13	PASS
Band25	10	26640	1	#0	16QAM	5.77	13	PASS
Band25	15	26115	1	#0	QPSK	5.71	13	PASS
Band25	15	26115	1	#0	16QAM	6.16	13	PASS
Band25	15	26365	1	#0	QPSK	5.91	13	PASS
Band25	15	26365	1	#0	16QAM	6.47	13	PASS
Band25	15	26615	1	#0	QPSK	5.71	13	PASS
Band25	15	26615	1	#0	16QAM	6.54	13	PASS
Band25	20	26140	1	#0	QPSK	5.57	13	PASS
Band25	20	26140	1	#0	16QAM	6.78	13	PASS
Band25	20	26365	1	#0	QPSK	5.31	13	PASS
Band25	20	26365	1	#0	16QAM	5.71	13	PASS
Band25	20	26590	1	#0	QPSK	5.53	13	PASS
Band25	20	26590	1	#0	16QAM	6.16	13	PASS

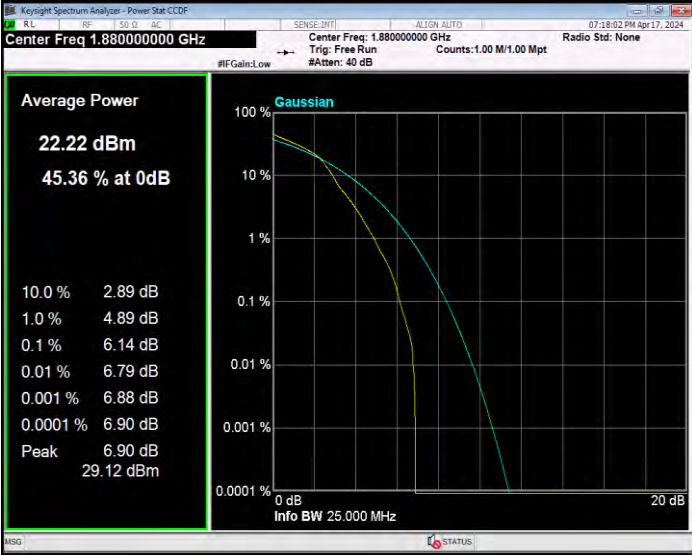
Band26(824-849)	1.4	26797	1	#0	QPSK	5.36	13	PASS
Band26(824-849)	1.4	26797	1	#0	16QAM	6.23	13	PASS
Band26(824-849)	1.4	26915	1	#0	QPSK	5.93	13	PASS
Band26(824-849)	1.4	26915	1	#0	16QAM	6.21	13	PASS
Band26(824-849)	1.4	27033	1	#0	QPSK	5.97	13	PASS
Band26(824-849)	1.4	27033	1	#0	16QAM	6.66	13	PASS
Band26(824-849)	3	26805	1	#0	QPSK	5.08	13	PASS
Band26(824-849)	3	26805	1	#0	16QAM	5.80	13	PASS
Band26(824-849)	3	26915	1	#0	QPSK	6.24	13	PASS
Band26(824-849)	3	26915	1	#0	16QAM	6.93	13	PASS
Band26(824-849)	3	27025	1	#0	QPSK	5.42	13	PASS
Band26(824-849)	3	27025	1	#0	16QAM	6.60	13	PASS
Band26(824-849)	5	26815	1	#0	QPSK	5.21	13	PASS
Band26(824-849)	5	26815	1	#0	16QAM	5.83	13	PASS
Band26(824-849)	5	26915	1	#0	QPSK	6.18	13	PASS
Band26(824-849)	5	26915	1	#0	16QAM	6.77	13	PASS
Band26(824-849)	5	27015	1	#0	QPSK	5.60	13	PASS
Band26(824-849)	5	27015	1	#0	16QAM	5.92	13	PASS
Band26(824-849)	10	26840	1	#0	QPSK	5.27	13	PASS
Band26(824-849)	10	26840	1	#0	16QAM	6.27	13	PASS
Band26(824-849)	10	26915	1	#0	QPSK	5.84	13	PASS
Band26(824-849)	10	26915	1	#0	16QAM	6.71	13	PASS
Band26(824-849)	10	26990	1	#0	QPSK	5.61	13	PASS
Band26(824-849)	10	26990	1	#0	16QAM	6.09	13	PASS
Band26(824-849)	15	26865	1	#0	QPSK	5.49	13	PASS
Band26(824-849)	15	26865	1	#0	16QAM	6.45	13	PASS
Band26(824-849)	15	26915	1	#0	QPSK	5.64	13	PASS
Band26(824-849)	15	26915	1	#0	16QAM	6.15	13	PASS
Band26(824-849)	15	26965	1	#0	QPSK	6.13	13	PASS
Band26(824-849)	15	26965	1	#0	16QAM	7.01	13	PASS
Band38	5	37775	1	#0	QPSK	8.94	13	PASS
Band38	5	37775	1	#0	16QAM	8.91	13	PASS
Band38	5	38000	1	#0	QPSK	7.66	13	PASS
Band38	5	38000	1	#0	16QAM	9.50	13	PASS
Band38	5	38225	1	#0	QPSK	9.43	13	PASS
Band38	5	38225	1	#0	16QAM	9.47	13	PASS
Band38	10	37800	1	#0	QPSK	8.92	13	PASS
Band38	10	37800	1	#0	16QAM	9.32	13	PASS
Band38	10	38000	1	#0	QPSK	9.11	13	PASS
Band38	10	38000	1	#0	16QAM	8.94	13	PASS
Band38	10	38200	1	#0	QPSK	7.84	13	PASS
Band38	10	38200	1	#0	16QAM	9.47	13	PASS
Band38	15	37825	1	#0	QPSK	7.53	13	PASS
Band38	15	37825	1	#0	16QAM	9.28	13	PASS
Band38	15	38000	1	#0	QPSK	9.14	13	PASS
Band38	15	38000	1	#0	16QAM	9.44	13	PASS
Band38	15	38175	1	#0	QPSK	9.04	13	PASS
Band38	15	38175	1	#0	16QAM	8.29	13	PASS
Band38	20	37850	1	#0	QPSK	7.45	13	PASS
Band38	20	37850	1	#0	16QAM	10.47	13	PASS
Band38	20	38000	1	#0	QPSK	9.39	13	PASS
Band38	20	38000	1	#0	16QAM	9.20	13	PASS
Band38	20	38150	1	#0	QPSK	8.60	13	PASS
Band38	20	38150	1	#0	16QAM	10.89	13	PASS
Band40(2350-2360)	5	39175	1	#0	QPSK	9.14	13	PASS
Band40(2350-2360)	5	39175	1	#0	16QAM	9.84	13	PASS
Band40(2350-2360)	5	39200	1	#0	QPSK	9.02	13	PASS
Band40(2350-2360)	5	39200	1	#0	16QAM	9.24	13	PASS
Band40(2350-2360)	5	39225	1	#0	QPSK	10.55	13	PASS
Band40(2350-2360)	5	39225	1	#0	16QAM	9.93	13	PASS
Band40(2350-2360)	10	39200	1	#0	QPSK	8.79	13	PASS
Band40(2350-2360)	10	39200	1	#0	16QAM	10.66	13	PASS
Band40(2305-2315)	5	38725	1	#0	QPSK	10.32	13	PASS
Band40(2305-2315)	5	38725	1	#0	16QAM	9.69	13	PASS
Band40(2305-2315)	5	38750	1	#0	QPSK	10.50	13	PASS
Band40(2305-2315)	5	38750	1	#0	16QAM	11.24	13	PASS
Band40(2305-2315)	5	38775	1	#0	QPSK	7.72	13	PASS
Band40(2305-2315)	5	38775	1	#0	16QAM	8.90	13	PASS

Band40(2305-2315)	10	38750	1	#0	QPSK	10.39	13	PASS
Band40(2305-2315)	10	38750	1	#0	16QAM	9.83	13	PASS
Band41(2555-2655)	5	40740	1	#0	QPSK	7.26	13	PASS
Band41(2555-2655)	5	40740	1	#0	16QAM	10.85	13	PASS
Band41(2555-2655)	10	40740	1	#0	QPSK	8.17	13	PASS
Band41(2555-2655)	10	40740	1	#0	16QAM	10.03	13	PASS
Band41(2555-2655)	15	40740	1	#0	QPSK	8.17	13	PASS
Band41(2555-2655)	15	40740	1	#0	16QAM	9.67	13	PASS
Band41(2555-2655)	20	40740	1	#0	QPSK	9.02	13	PASS
Band41(2555-2655)	20	40740	1	#0	16QAM	9.39	13	PASS
Band66	1.4	131979	1	#0	QPSK	5.16	13	PASS
Band66	1.4	131979	1	#0	16QAM	5.85	13	PASS
Band66	1.4	132322	1	#0	QPSK	5.22	13	PASS
Band66	1.4	132322	1	#0	16QAM	5.94	13	PASS
Band66	1.4	132665	1	#0	QPSK	4.92	13	PASS
Band66	1.4	132665	1	#0	16QAM	5.43	13	PASS
Band66	3	131987	1	#0	QPSK	5.16	13	PASS
Band66	3	131987	1	#0	16QAM	5.89	13	PASS
Band66	3	132322	1	#0	QPSK	5.08	13	PASS
Band66	3	132322	1	#0	16QAM	6.07	13	PASS
Band66	3	132657	1	#0	QPSK	4.85	13	PASS
Band66	3	132657	1	#0	16QAM	5.51	13	PASS
Band66	5	131997	1	#0	QPSK	4.91	13	PASS
Band66	5	131997	1	#0	16QAM	5.39	13	PASS
Band66	5	132322	1	#0	QPSK	5.44	13	PASS
Band66	5	132322	1	#0	16QAM	5.94	13	PASS
Band66	5	132647	1	#0	QPSK	5.09	13	PASS
Band66	5	132647	1	#0	16QAM	5.53	13	PASS
Band66	10	132022	1	#0	QPSK	4.76	13	PASS
Band66	10	132022	1	#0	16QAM	5.46	13	PASS
Band66	10	132322	1	#0	QPSK	5.37	13	PASS
Band66	10	132322	1	#0	16QAM	6.19	13	PASS
Band66	10	132622	1	#0	QPSK	5.14	13	PASS
Band66	10	132622	1	#0	16QAM	6.26	13	PASS
Band66	15	132047	1	#0	QPSK	5.15	13	PASS
Band66	15	132047	1	#0	16QAM	5.83	13	PASS
Band66	15	132322	1	#0	QPSK	5.11	13	PASS
Band66	15	132322	1	#0	16QAM	6.07	13	PASS
Band66	15	132597	1	#0	QPSK	5.17	13	PASS
Band66	15	132597	1	#0	16QAM	5.80	13	PASS
Band66	20	132072	1	#0	QPSK	4.87	13	PASS
Band66	20	132072	1	#0	16QAM	5.45	13	PASS
Band66	20	132322	1	#0	QPSK	4.97	13	PASS
Band66	20	132322	1	#0	16QAM	5.72	13	PASS
Band66	20	132572	1	#0	QPSK	5.35	13	PASS
Band66	20	132572	1	#0	16QAM	6.39	13	PASS

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



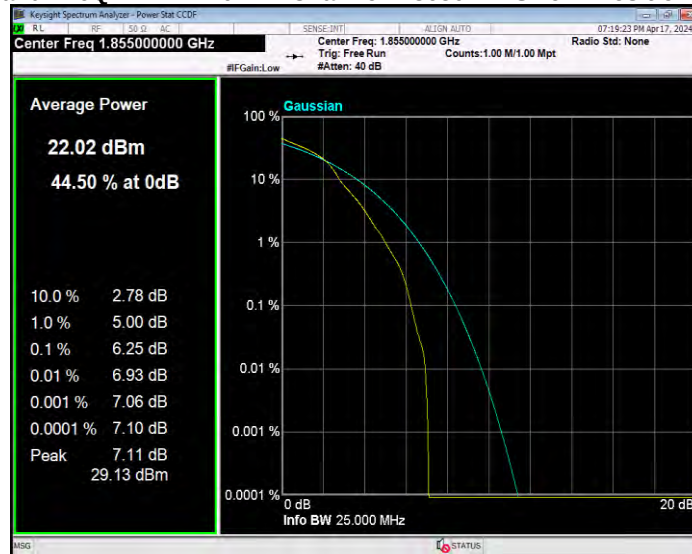
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=1 Position=#0



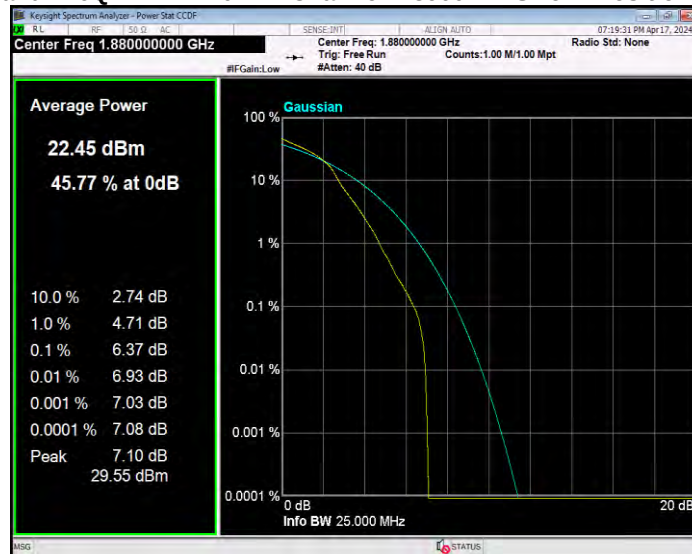
Band2 16QAM BW=1.4MHz Channel=19193 RB Size=1 Position=#0



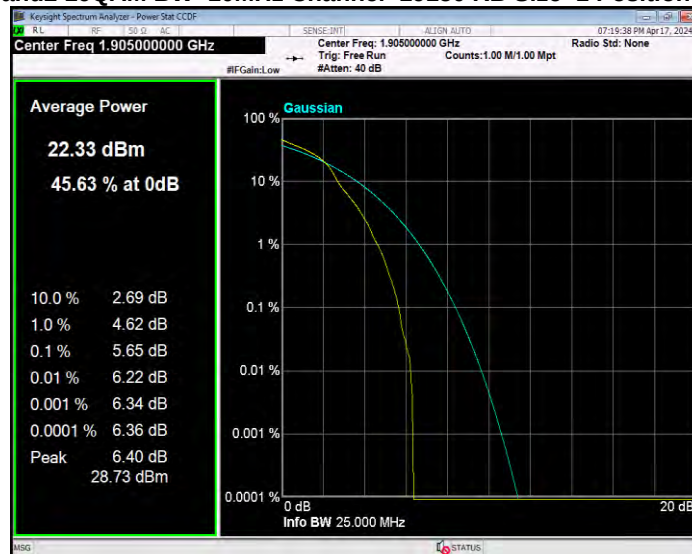
Band2 16QAM BW=10MHz Channel=18650 RB Size=1 Position=#0



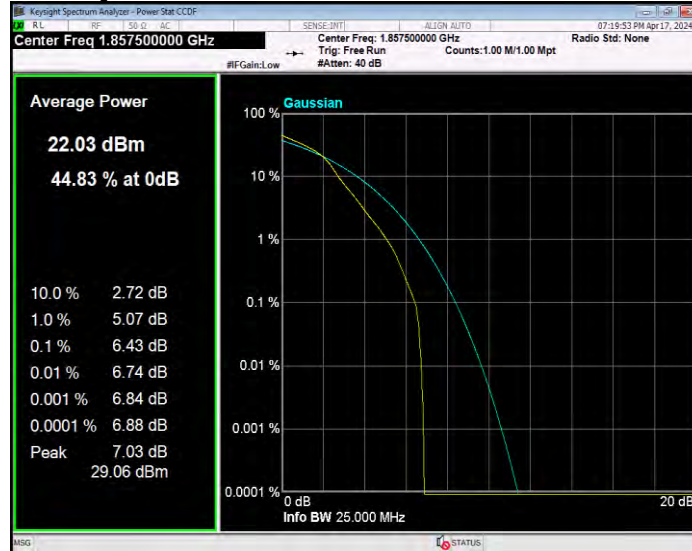
Band2 16QAM BW=10MHz Channel=18900 RB Size=1 Position=#0



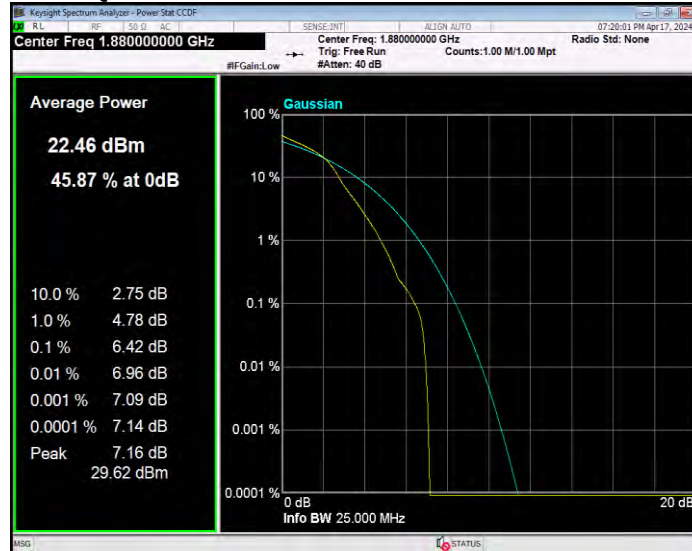
Band2 16QAM BW=10MHz Channel=19150 RB Size=1 Position=#0



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



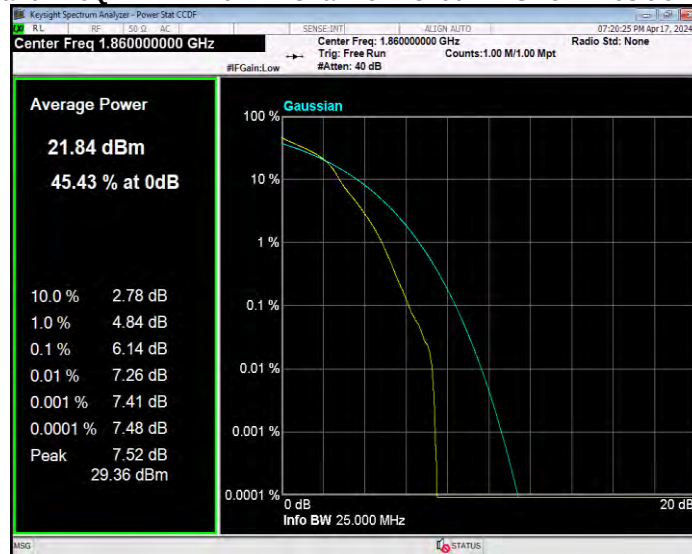
Band2 16QAM BW=15MHz Channel=18900 RB Size=1 Position=#0



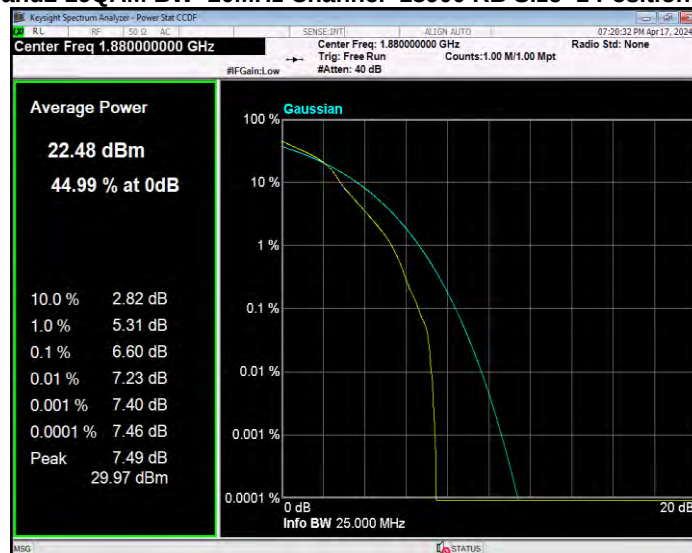
Band2 16QAM BW=15MHz Channel=19125 RB Size=1 Position=#0



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



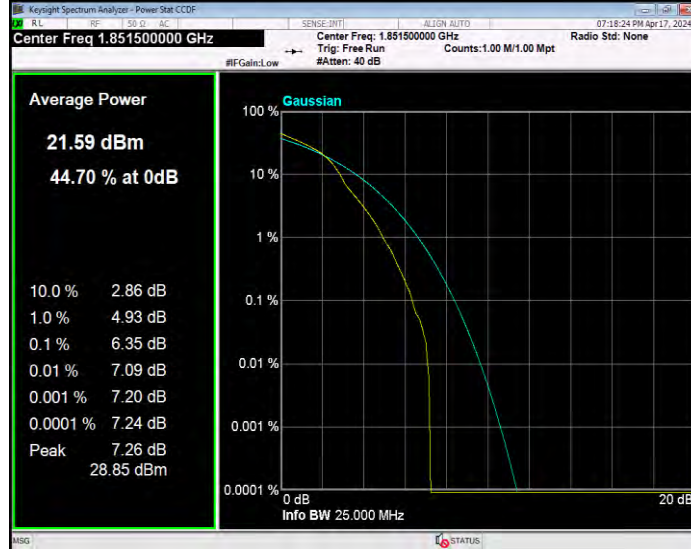
Band2 16QAM BW=20MHz Channel=18900 RB Size=1 Position=#0



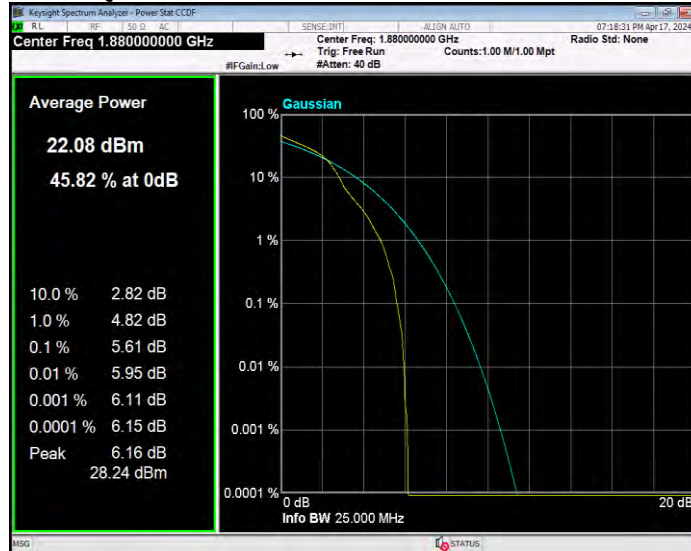
Band2 16QAM BW=20MHz Channel=19100 RB Size=1 Position=#0



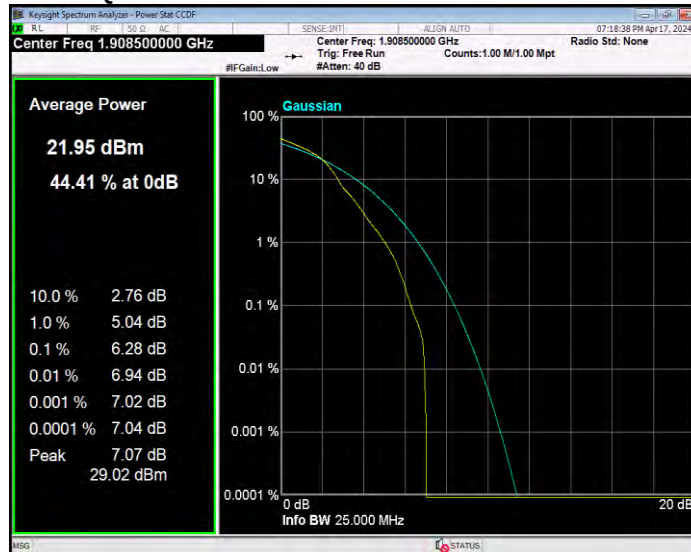
Band2 16QAM BW=3MHz Channel=18615 RB Size=1 Position=#0



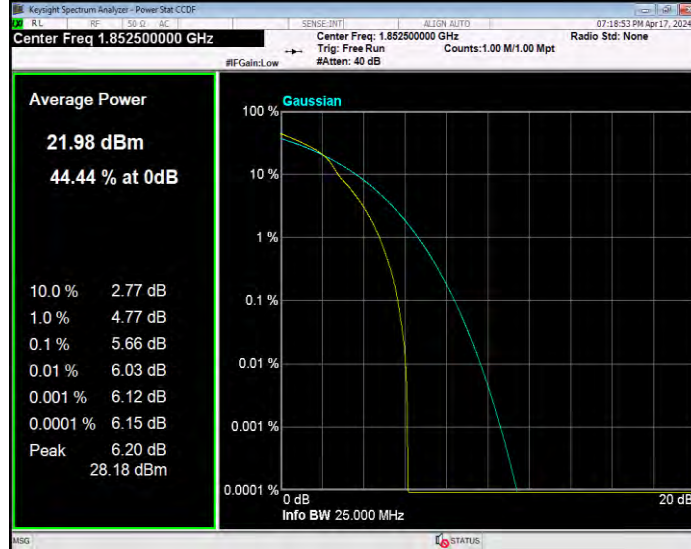
Band2 16QAM BW=3MHz Channel=18900 RB Size=1 Position=#0



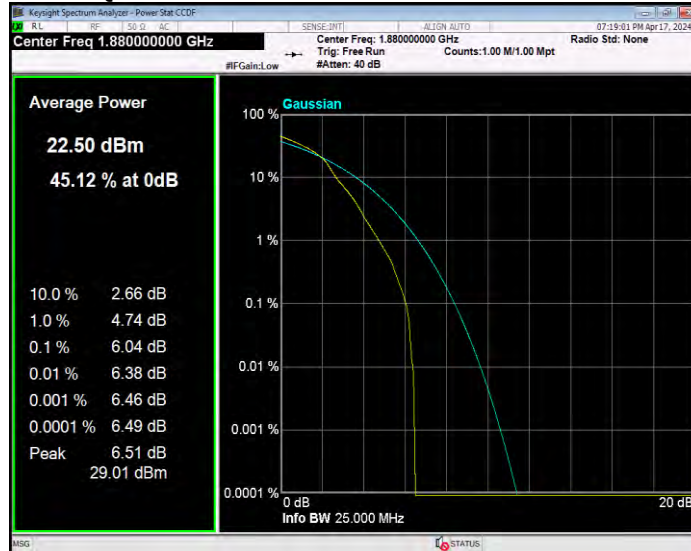
Band2 16QAM BW=3MHz Channel=19185 RB Size=1 Position=#0



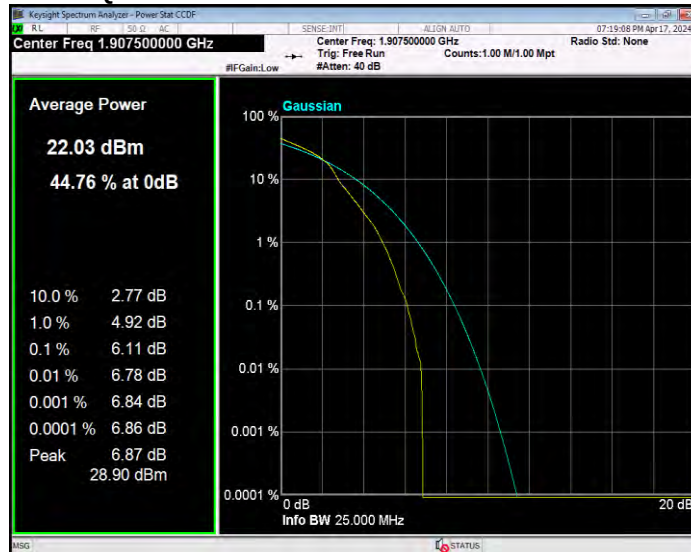
Band2 16QAM BW=5MHz Channel=18625 RB Size=1 Position=#0



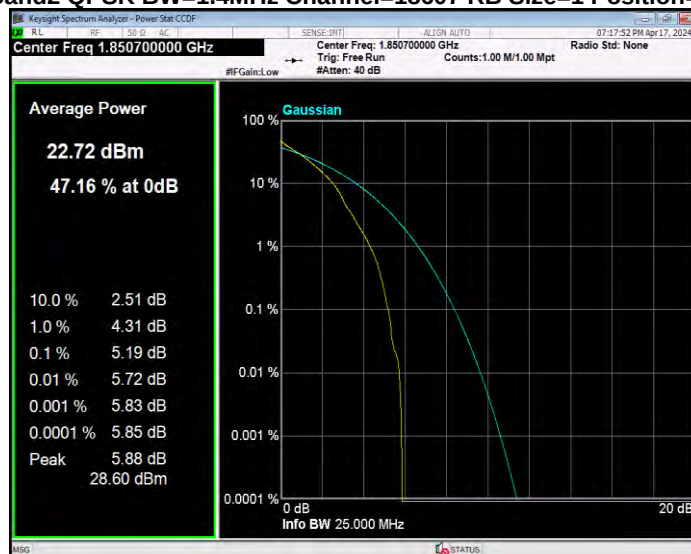
Band2 16QAM BW=5MHz Channel=18900 RB Size=1 Position=#0



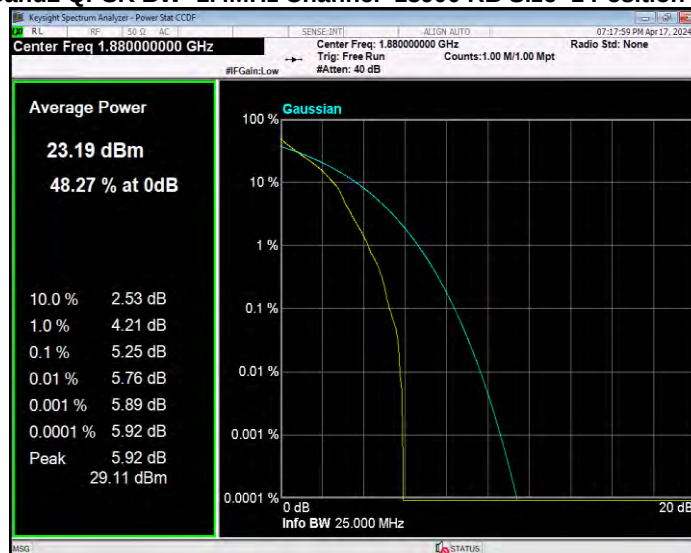
Band2 16QAM BW=5MHz Channel=19175 RB Size=1 Position=#0



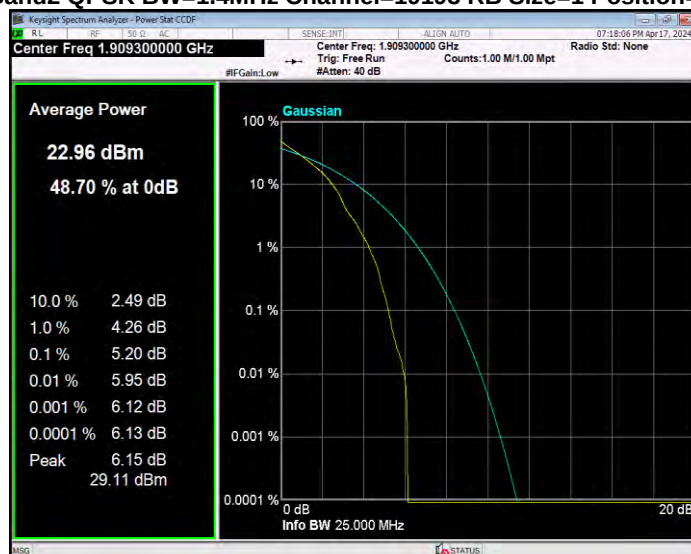
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=1 Position=#0



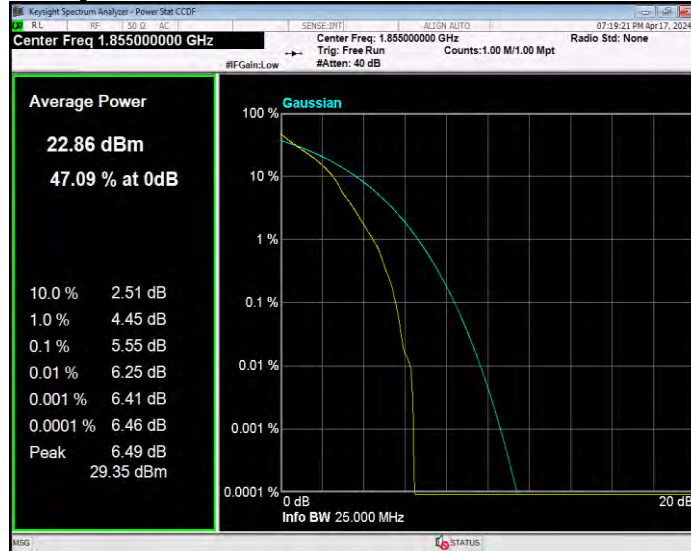
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=1 Position=#0



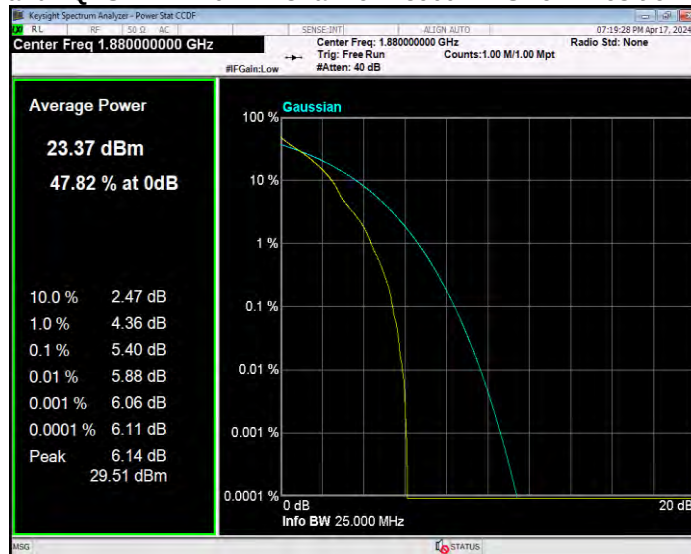
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=1 Position=#0



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



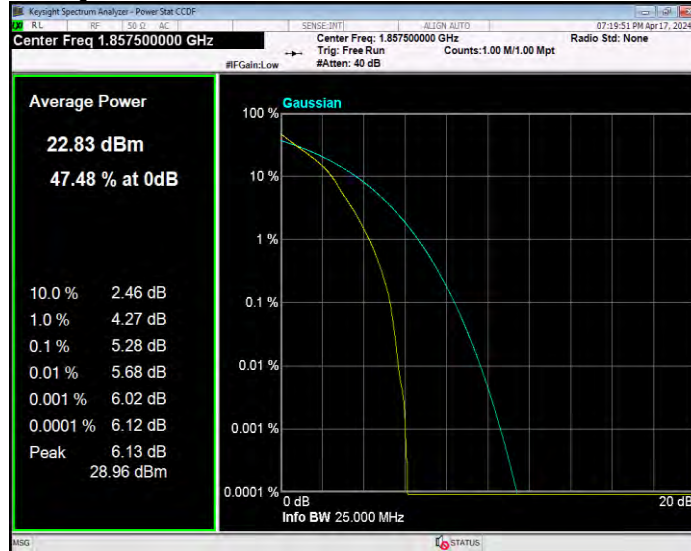
Band2 QPSK BW=10MHz Channel=18900 RB Size=1 Position=#0



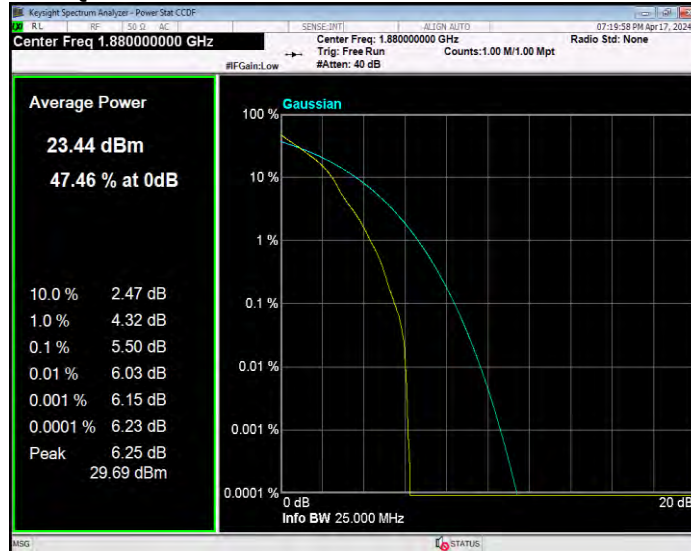
Band2 QPSK BW=10MHz Channel=19150 RB Size=1 Position=#0



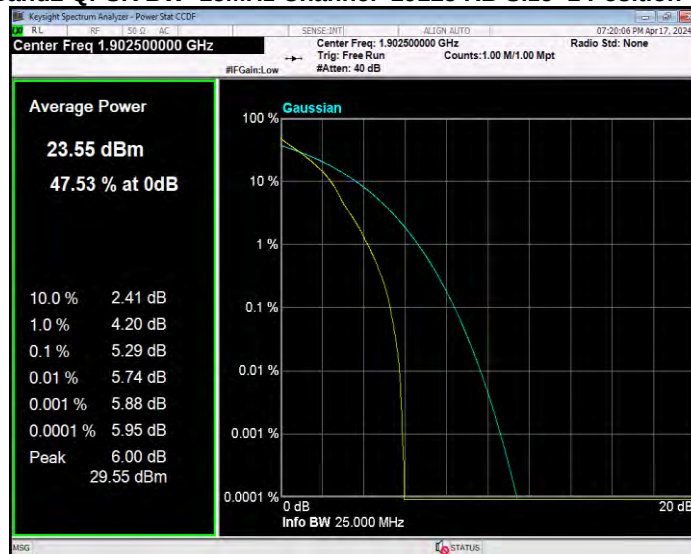
Band2 QPSK BW=15MHz Channel=18675 RB Size=1 Position=#0



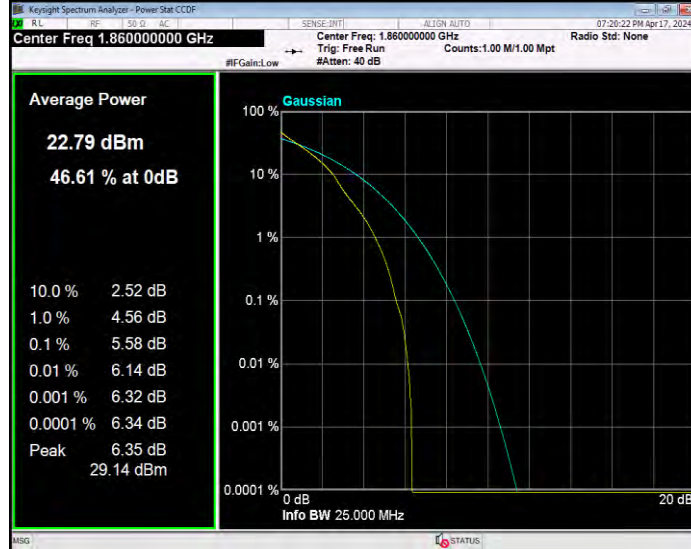
Band2 QPSK BW=15MHz Channel=18900 RB Size=1 Position=#0



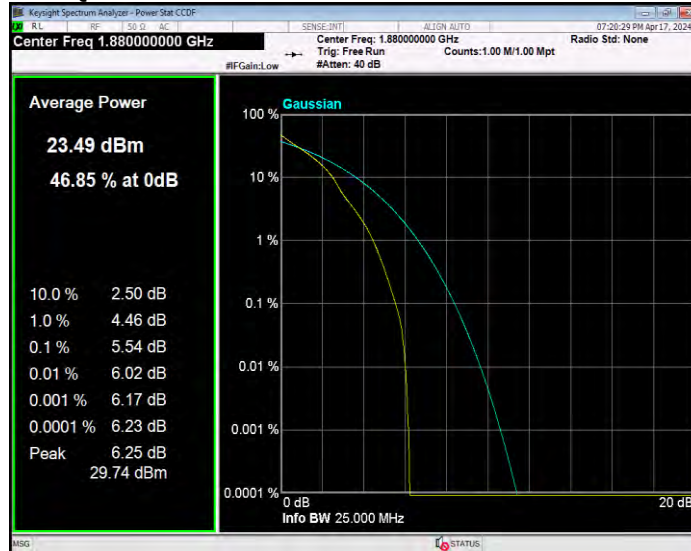
Band2 QPSK BW=15MHz Channel=19125 RB Size=1 Position=#0



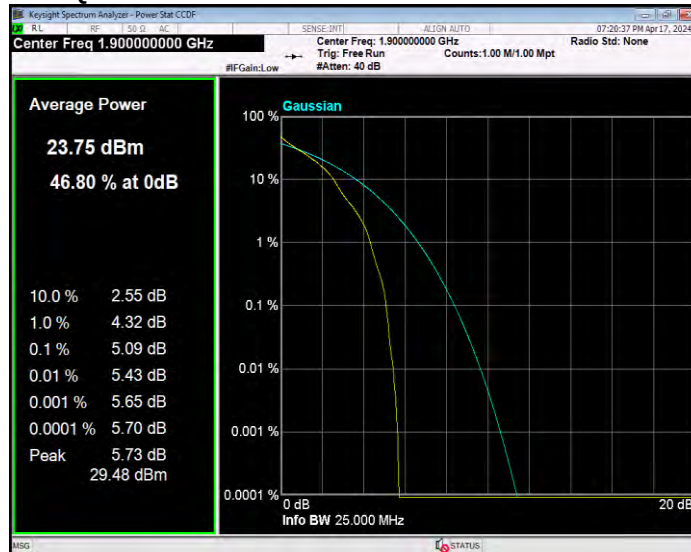
Band2 QPSK BW=20MHz Channel=18700 RB Size=1 Position=#0



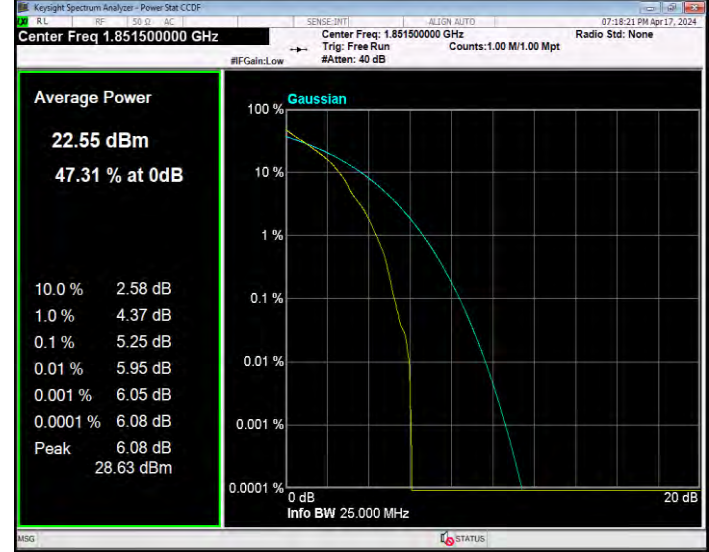
Band2 QPSK BW=20MHz Channel=18900 RB Size=1 Position=#0



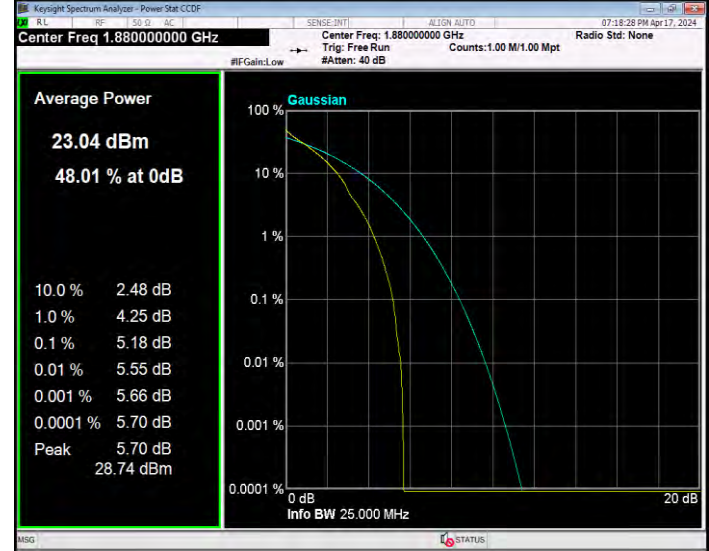
Band2 QPSK BW=20MHz Channel=19100 RB Size=1 Position=#0



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



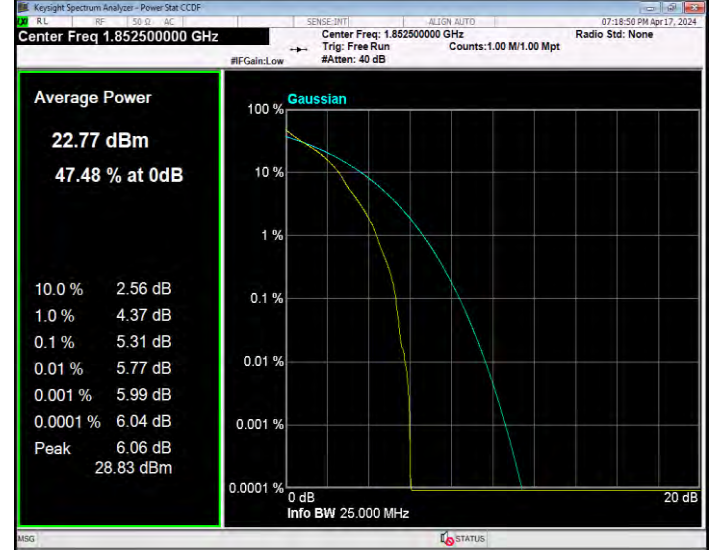
Band2 QPSK BW=3MHz Channel=18900 RB Size=1 Position=#0



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



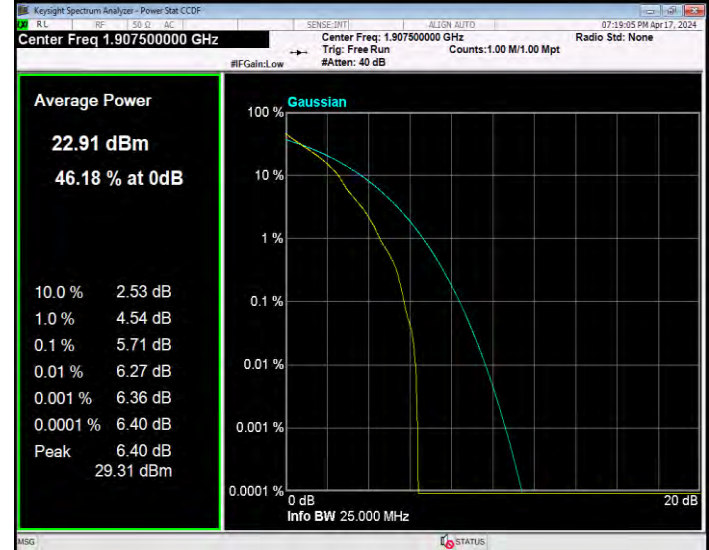
Band2 QPSK BW=5MHz Channel=18625 RB Size=1 Position=#0



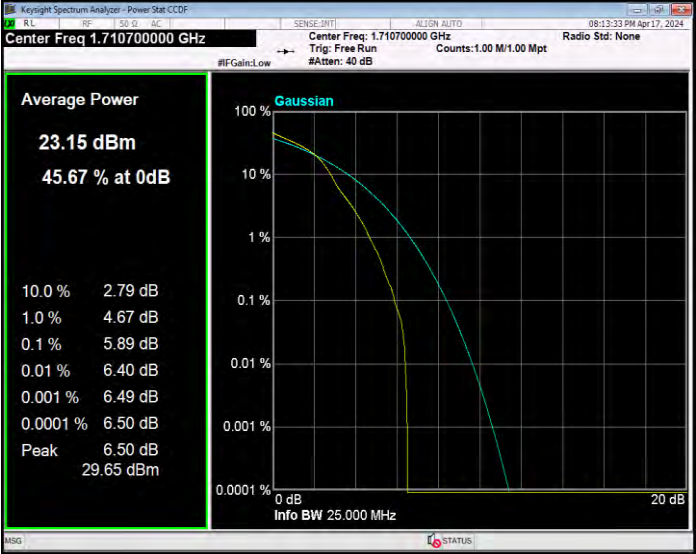
Band2 QPSK BW=5MHz Channel=18900 RB Size=1 Position=#0



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



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



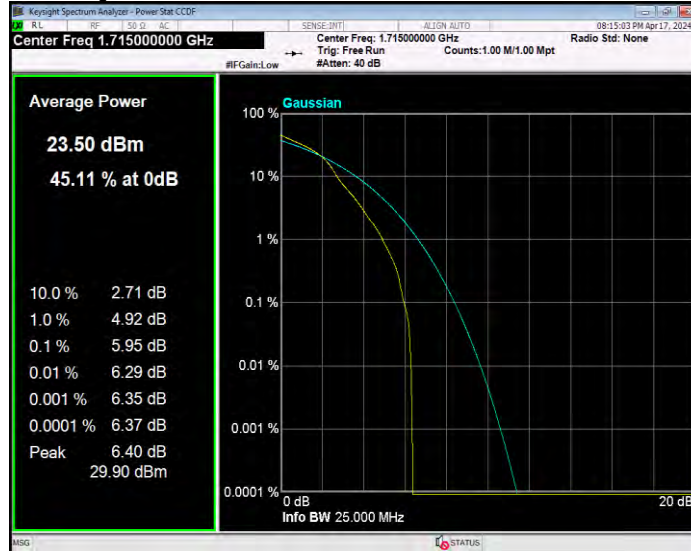
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=1 Position=#0



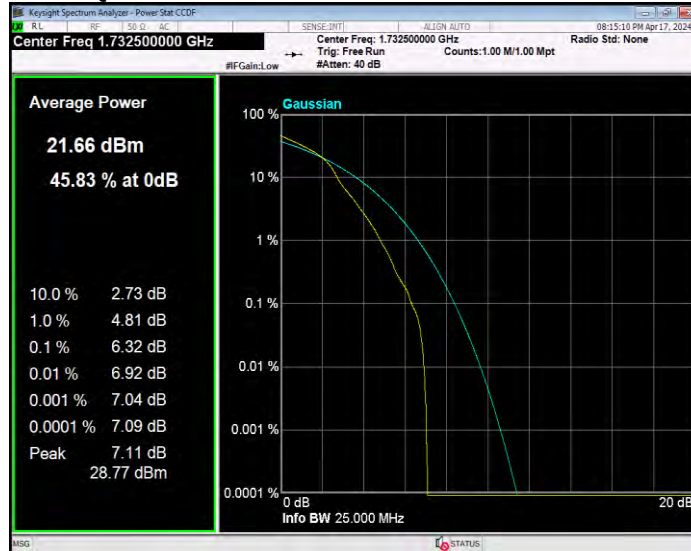
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=1 Position=#0



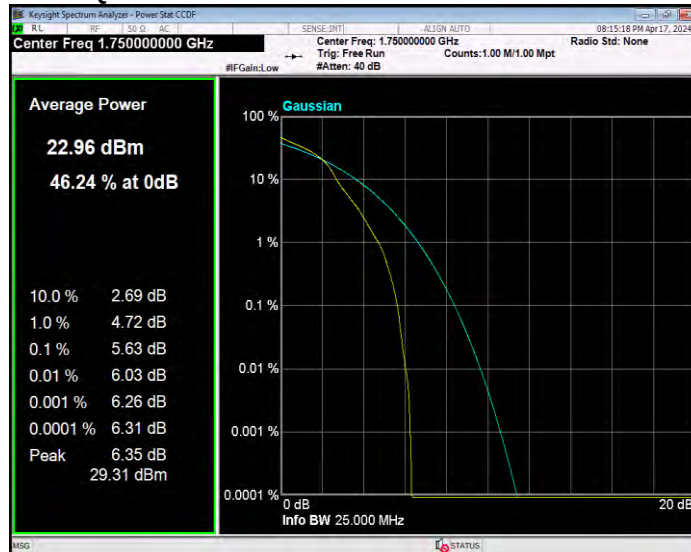
Band4 16QAM BW=10MHz Channel=20000 RB Size=1 Position=#0



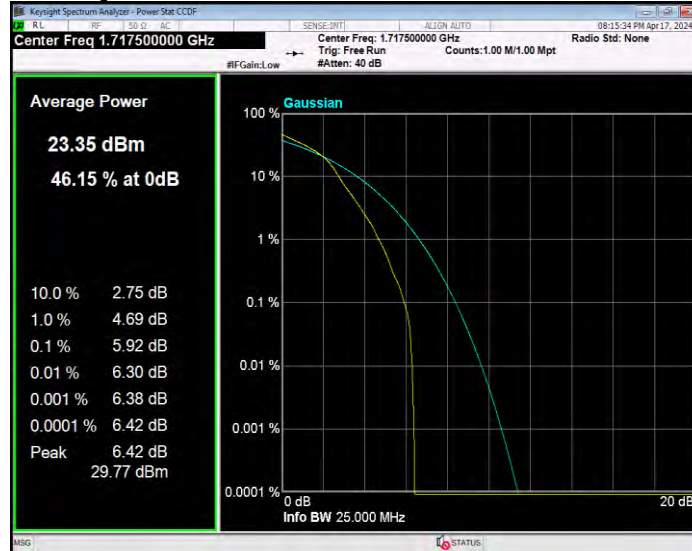
Band4 16QAM BW=10MHz Channel=20175 RB Size=1 Position=#0



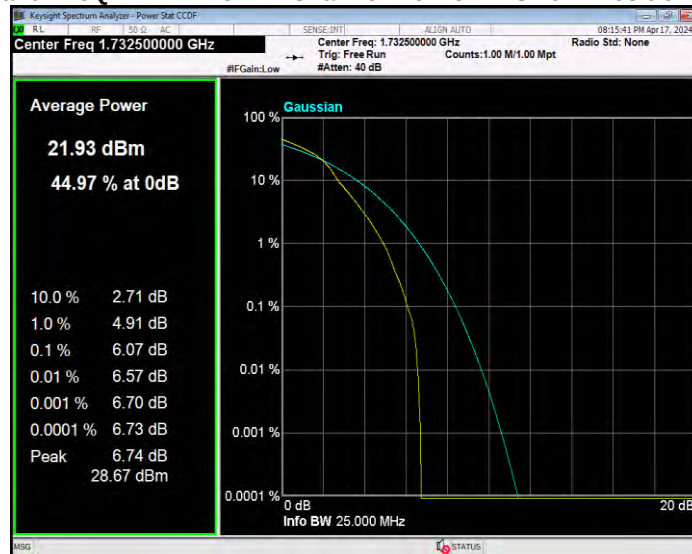
Band4 16QAM BW=10MHz Channel=20350 RB Size=1 Position=#0



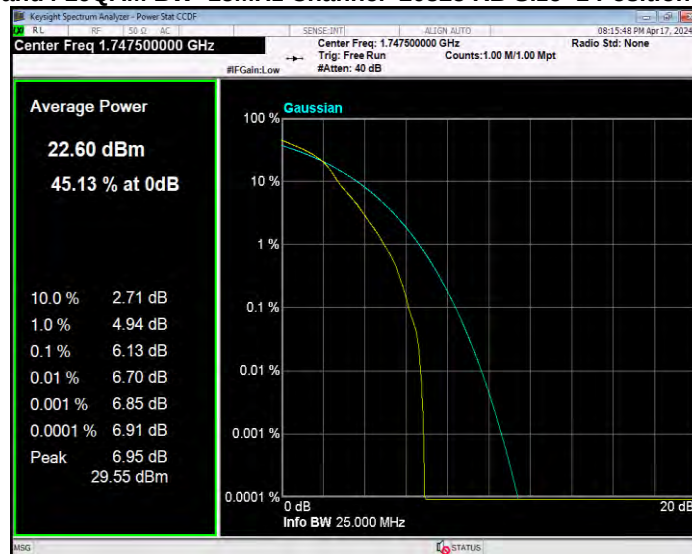
Band4 16QAM BW=15MHz Channel=20025 RB Size=1 Position=#0



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



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



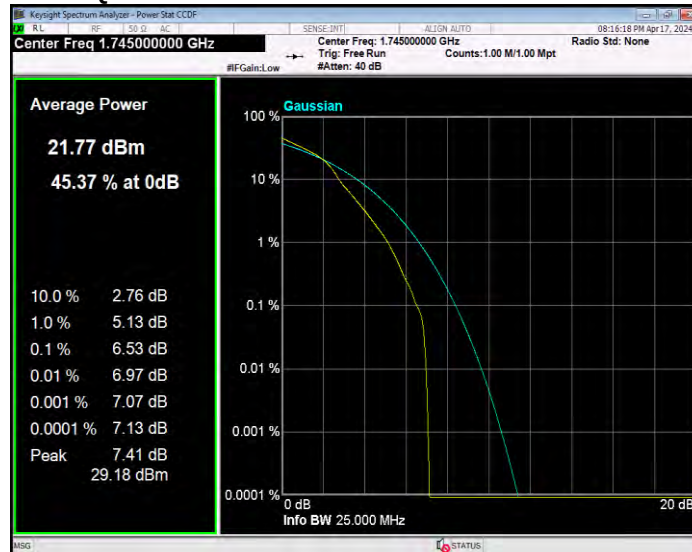
Band4 16QAM BW=20MHz Channel=20050 RB Size=1 Position=#0



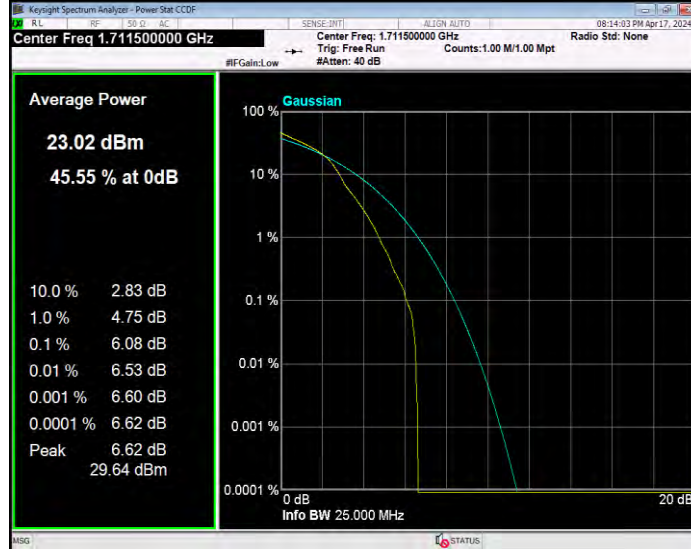
Band4 16QAM BW=20MHz Channel=20175 RB Size=1 Position=#0



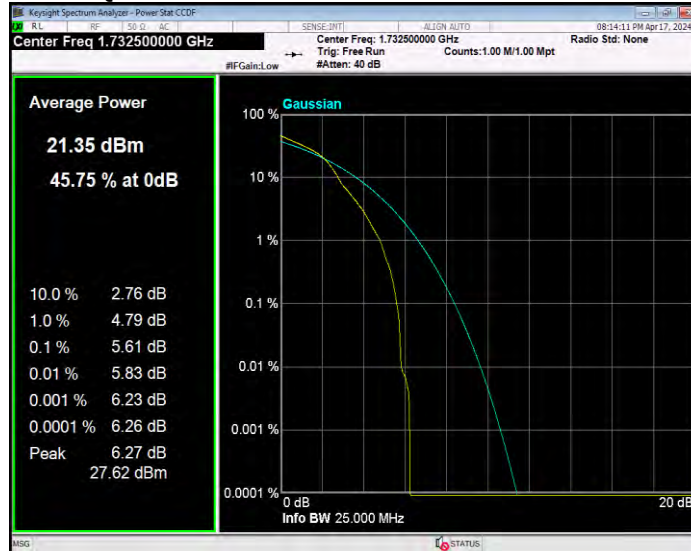
Band4 16QAM BW=20MHz Channel=20300 RB Size=1 Position=#0



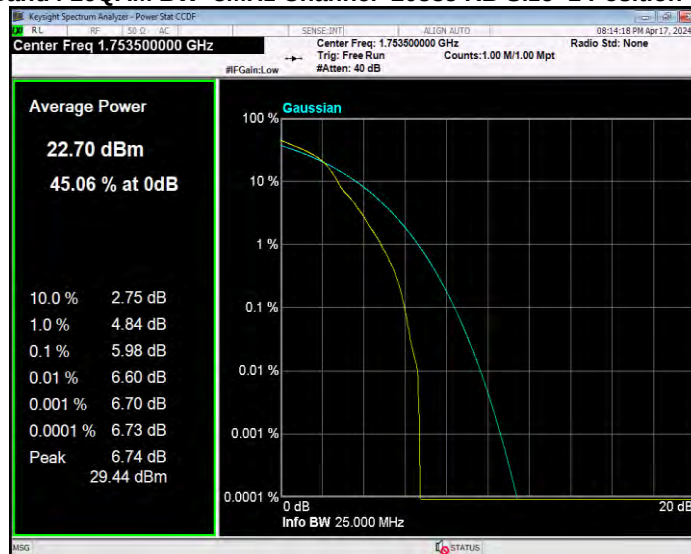
Band4 16QAM BW=3MHz Channel=19965 RB Size=1 Position=#0



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



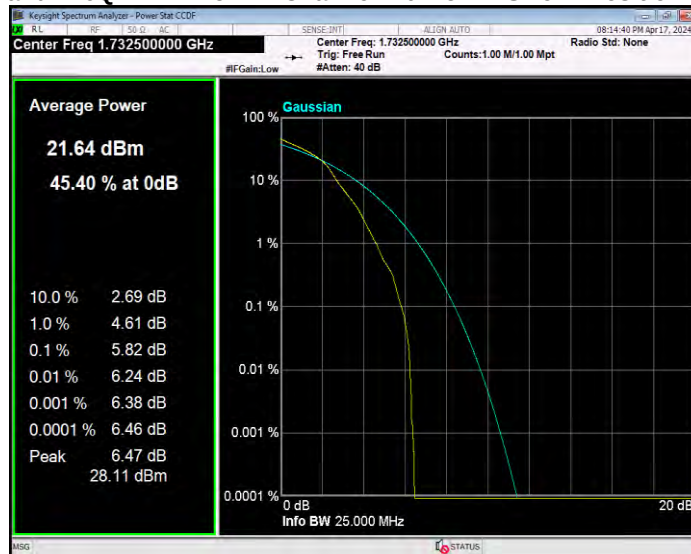
Band4 16QAM BW=3MHz Channel=20385 RB Size=1 Position=#0



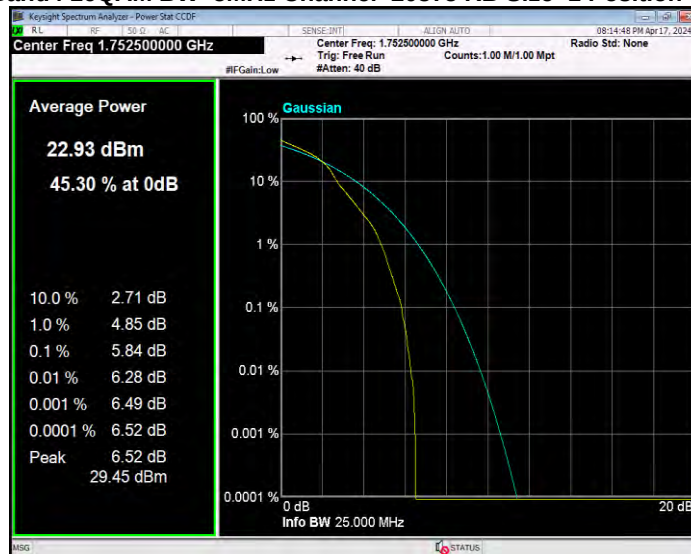
Band4 16QAM BW=5MHz Channel=19975 RB Size=1 Position=#0



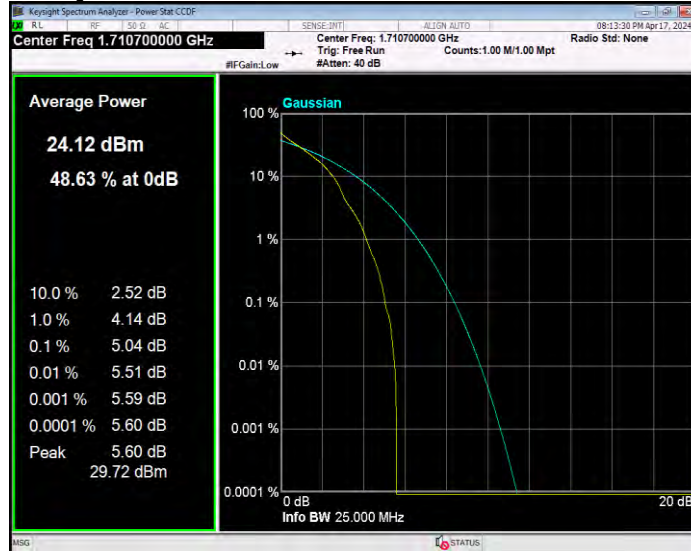
Band4 16QAM BW=5MHz Channel=20175 RB Size=1 Position=#0



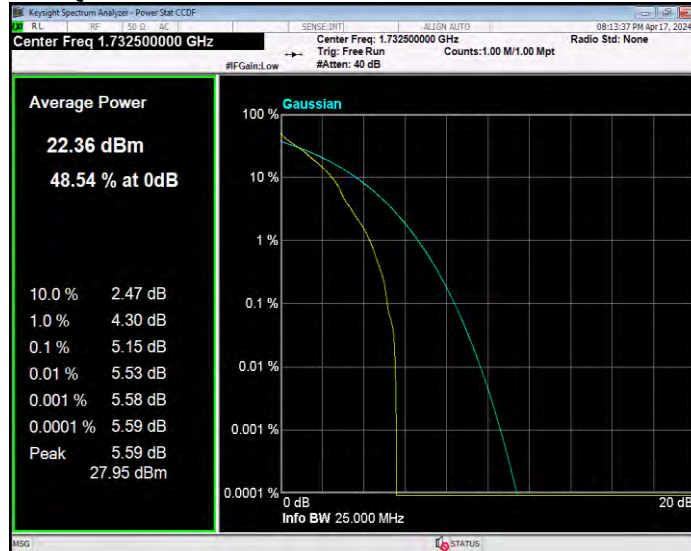
Band4 16QAM BW=5MHz Channel=20375 RB Size=1 Position=#0



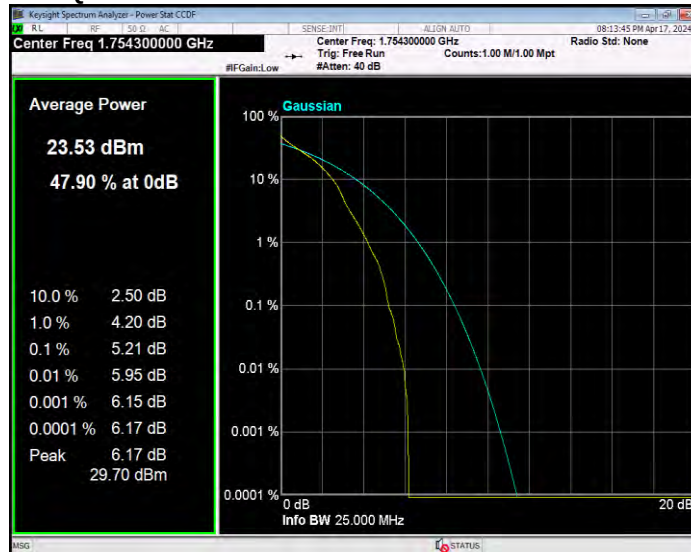
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=1 Position=#0



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



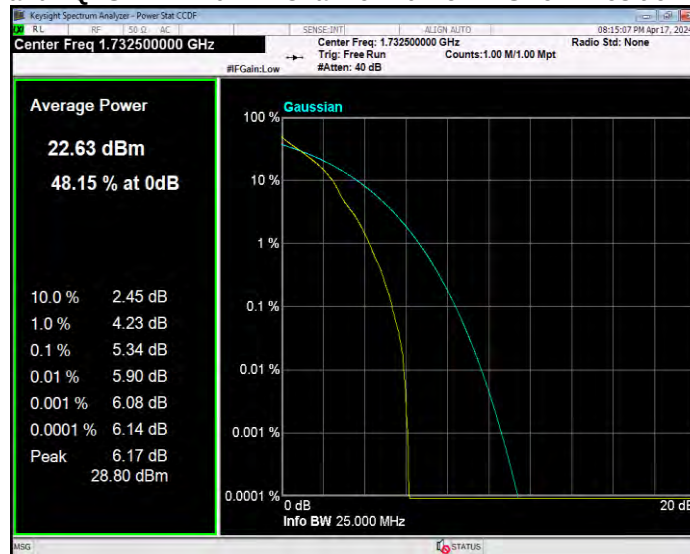
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=1 Position=#0



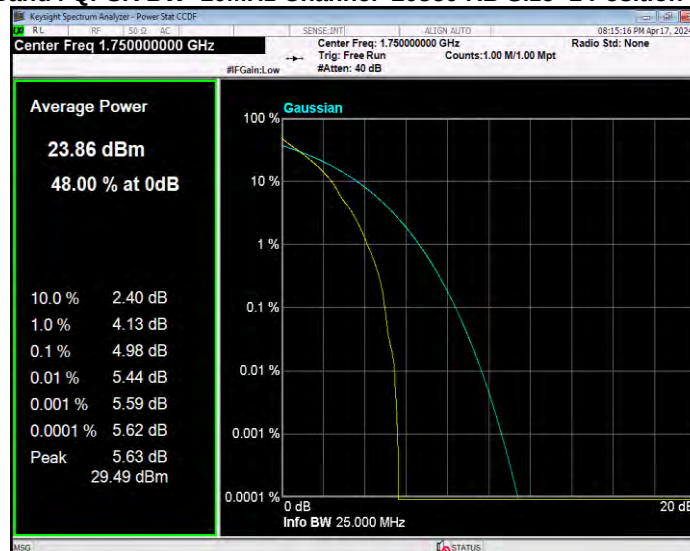
Band4 QPSK BW=10MHz Channel=20000 RB Size=1 Position=#0



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



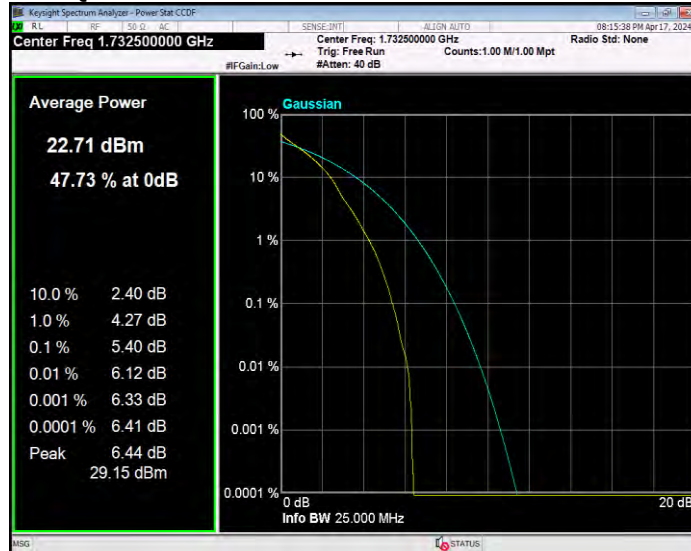
Band4 QPSK BW=10MHz Channel=20350 RB Size=1 Position=#0



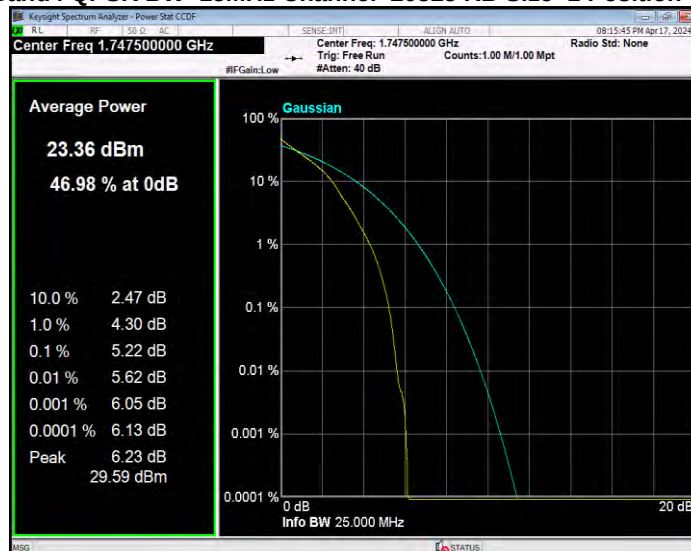
Band4 QPSK BW=15MHz Channel=20025 RB Size=1 Position=#0



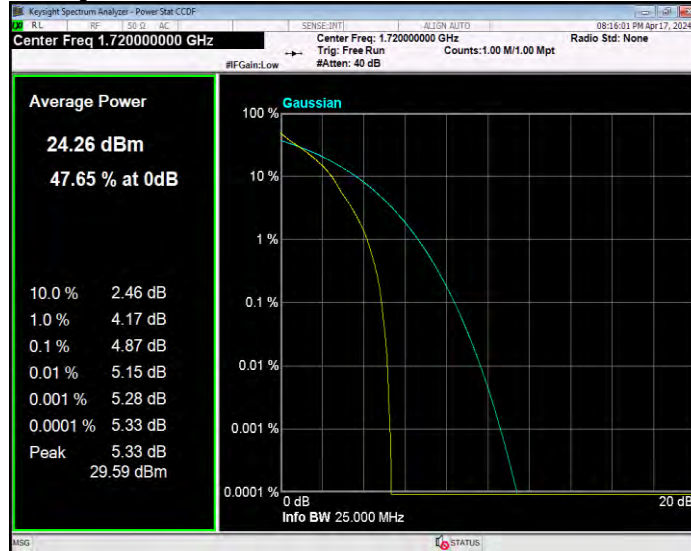
Band4 QPSK BW=15MHz Channel=20175 RB Size=1 Position=#0



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



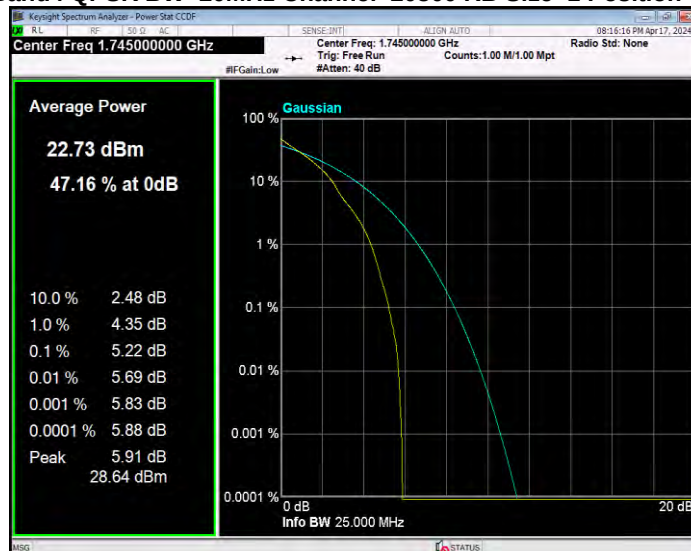
Band4 QPSK BW=20MHz Channel=20050 RB Size=1 Position=#0



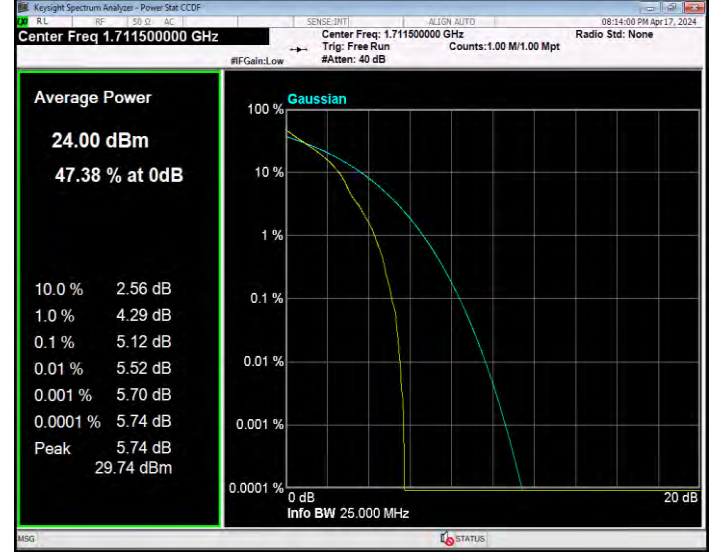
Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0



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



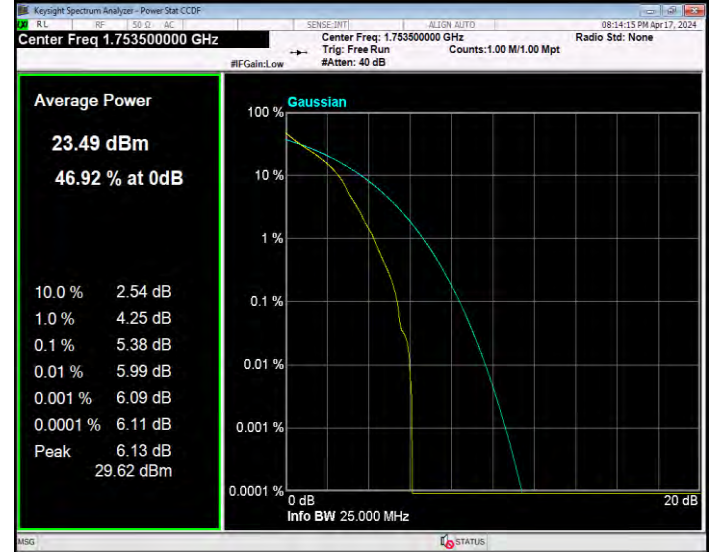
Band4 QPSK BW=3MHz Channel=19965 RB Size=1 Position=#0



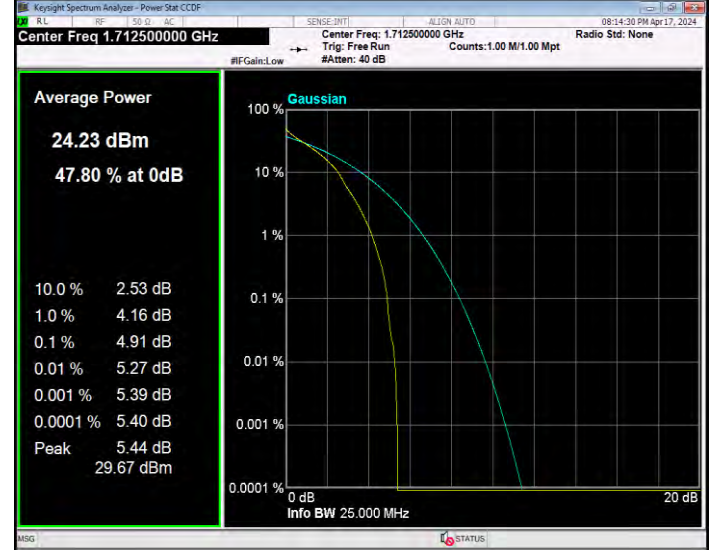
Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0



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



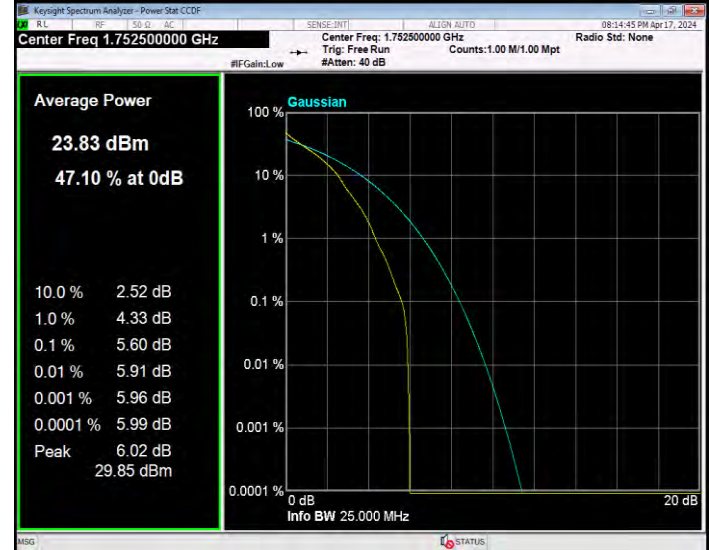
Band4 QPSK BW=5MHz Channel=19975 RB Size=1 Position=#0



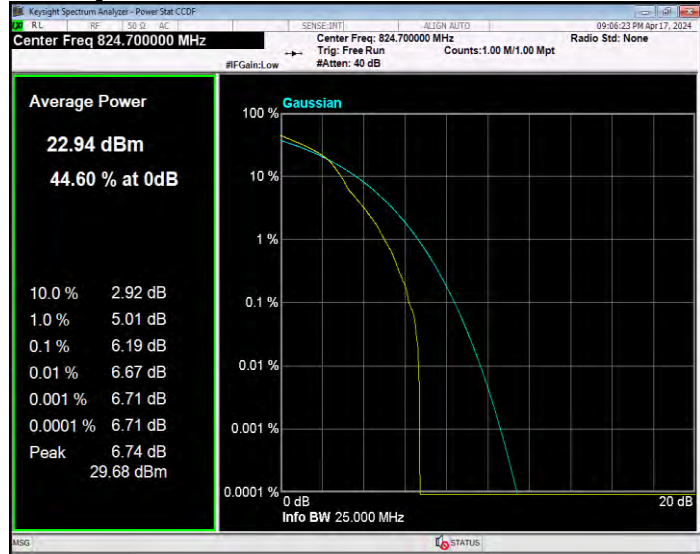
Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0



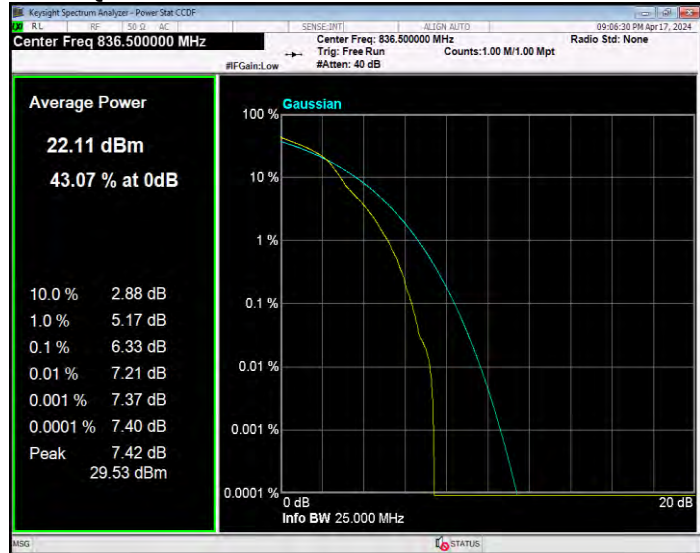
Band4 QPSK BW=5MHz Channel=20375 RB Size=1 Position=#0



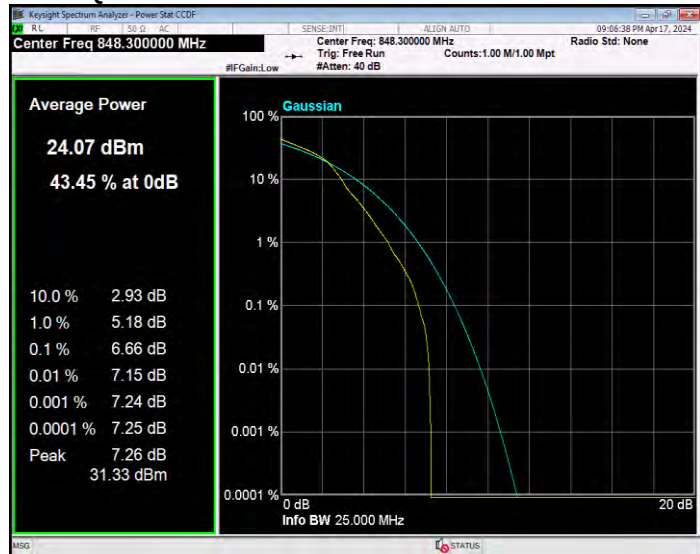
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=1 Position=#0



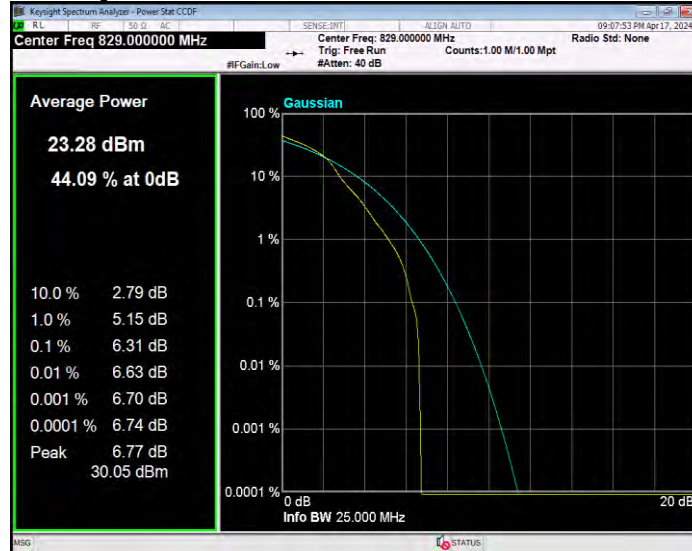
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=1 Position=#0



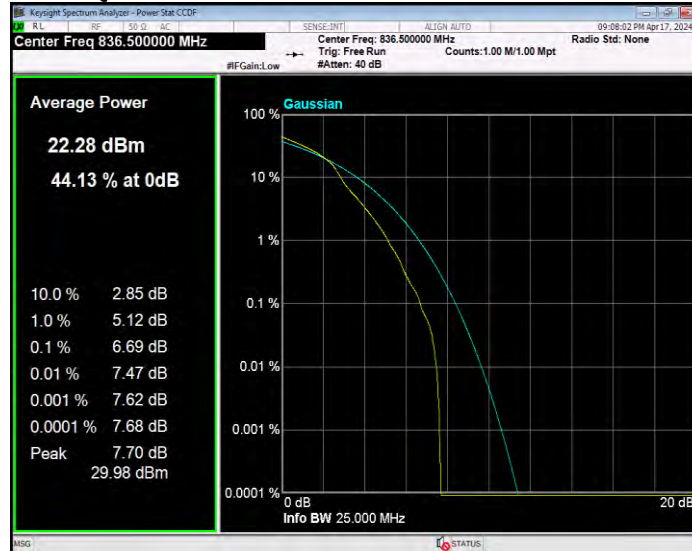
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=1 Position=#0



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



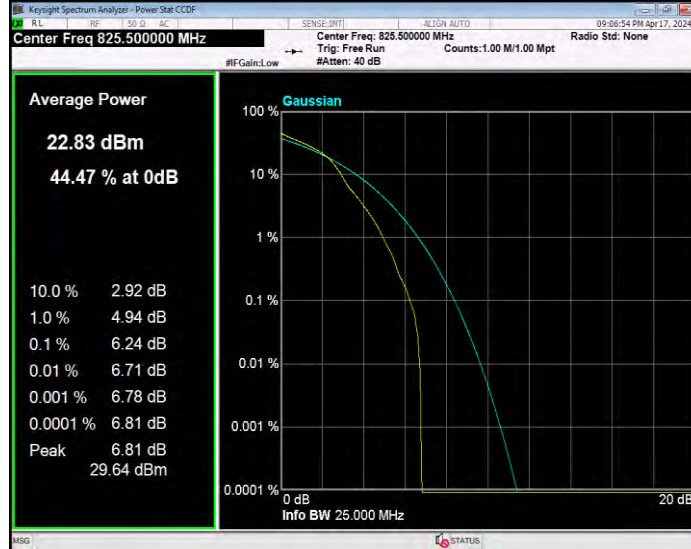
Band5 16QAM BW=10MHz Channel=20525 RB Size=1 Position=#0



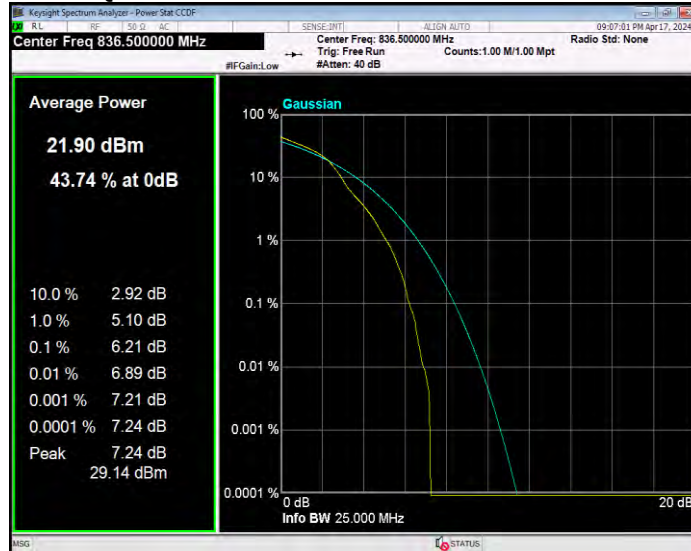
Band5 16QAM BW=10MHz Channel=20600 RB Size=1 Position=#0



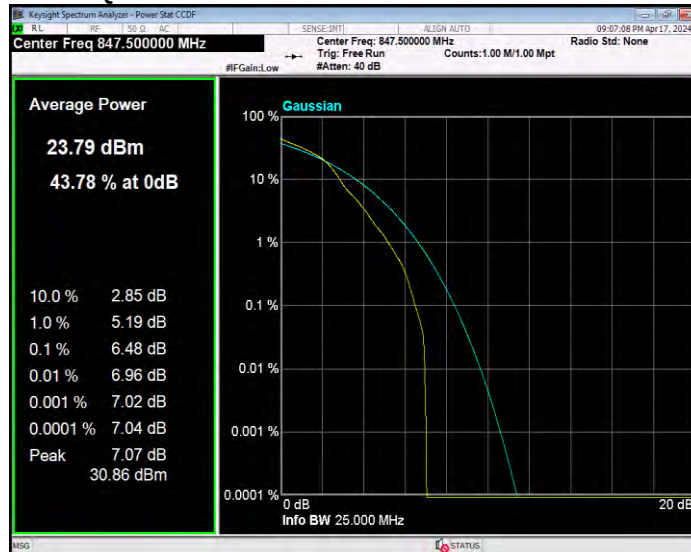
Band5 16QAM BW=3MHz Channel=20415 RB Size=1 Position=#0



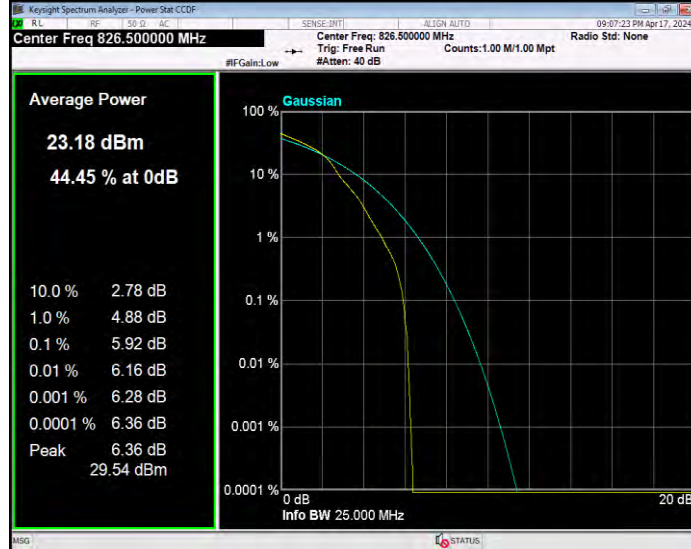
Band5 16QAM BW=3MHz Channel=20525 RB Size=1 Position=#0



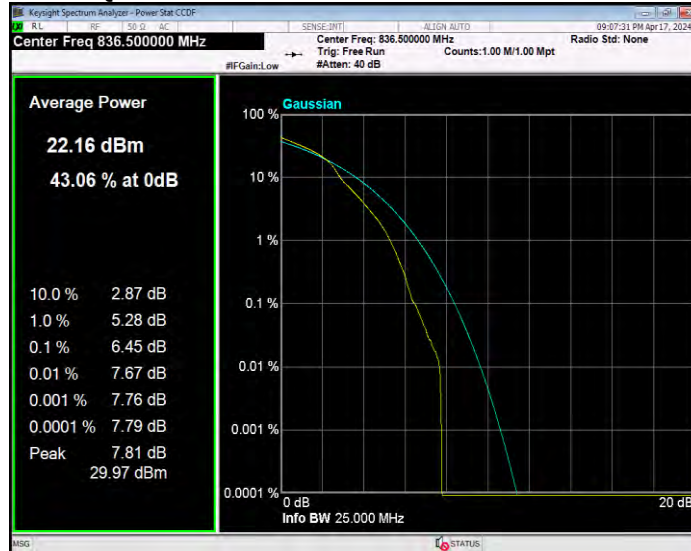
Band5 16QAM BW=3MHz Channel=20635 RB Size=1 Position=#0



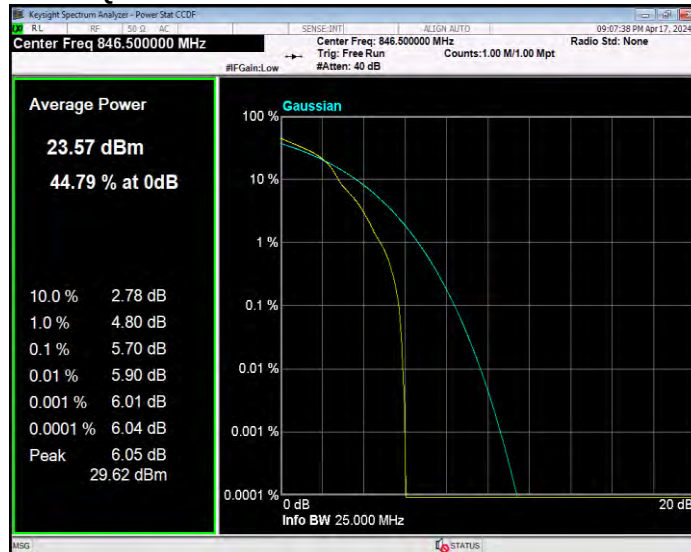
Band5 16QAM BW=5MHz Channel=20425 RB Size=1 Position=#0



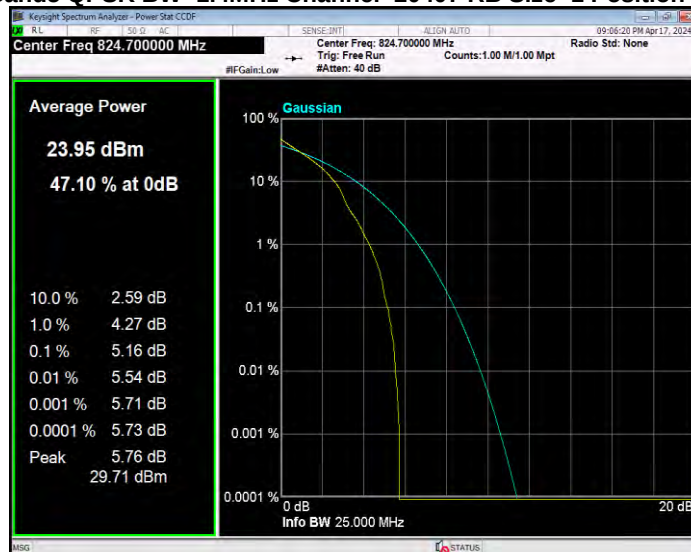
Band5 16QAM BW=5MHz Channel=20525 RB Size=1 Position=#0



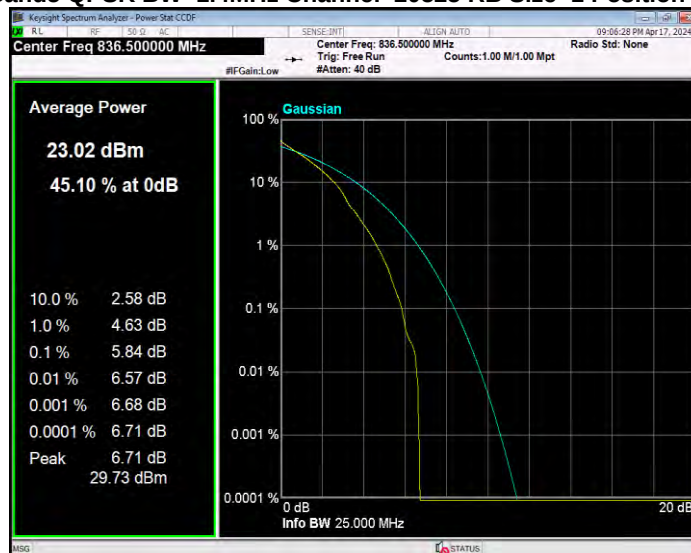
Band5 16QAM BW=5MHz Channel=20625 RB Size=1 Position=#0



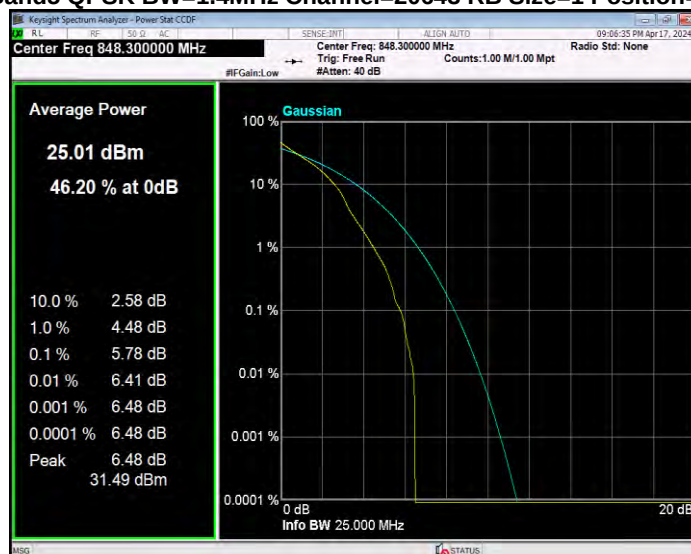
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#0



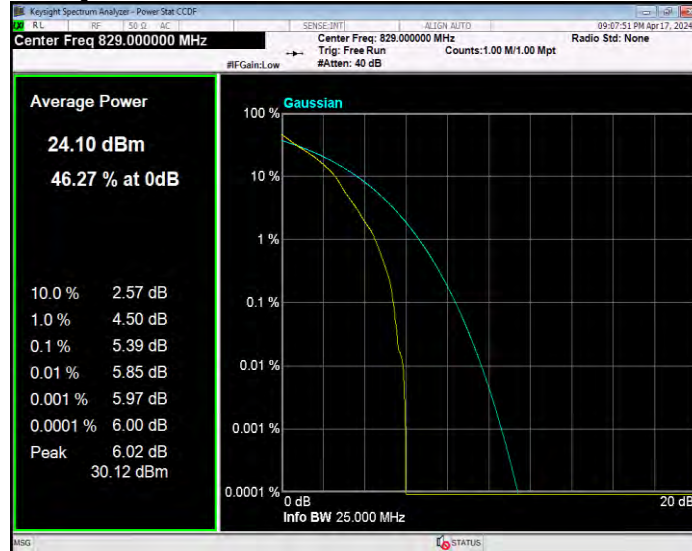
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=1 Position=#0



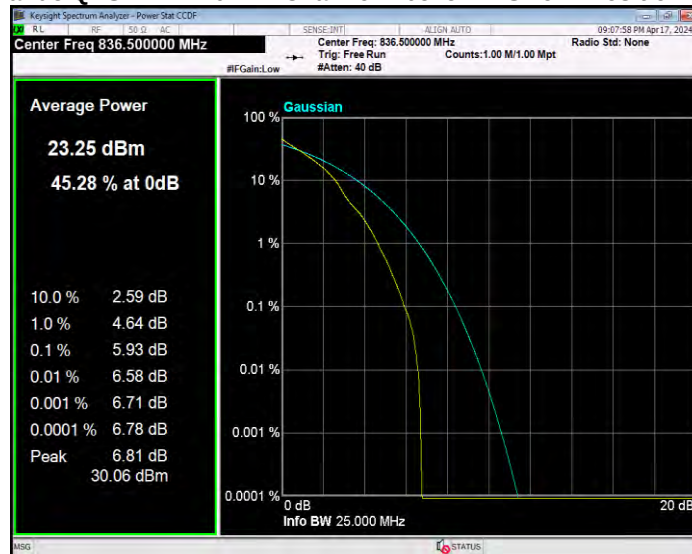
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=1 Position=#0



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



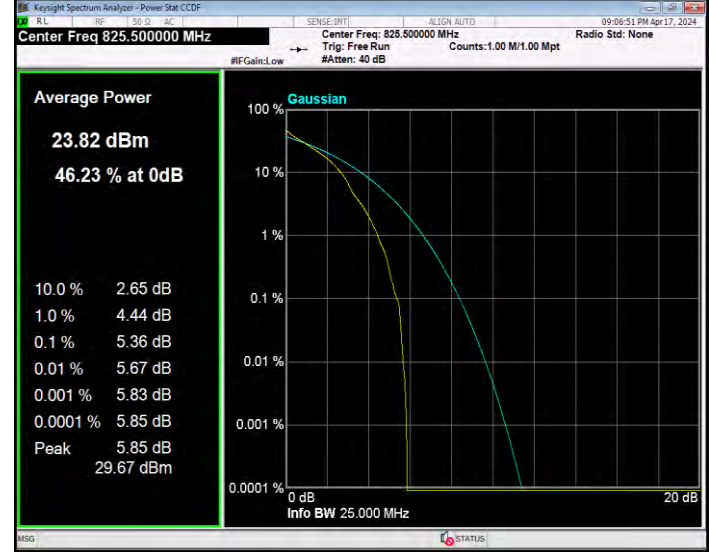
Band5 QPSK BW=10MHz Channel=20525 RB Size=1 Position=#0



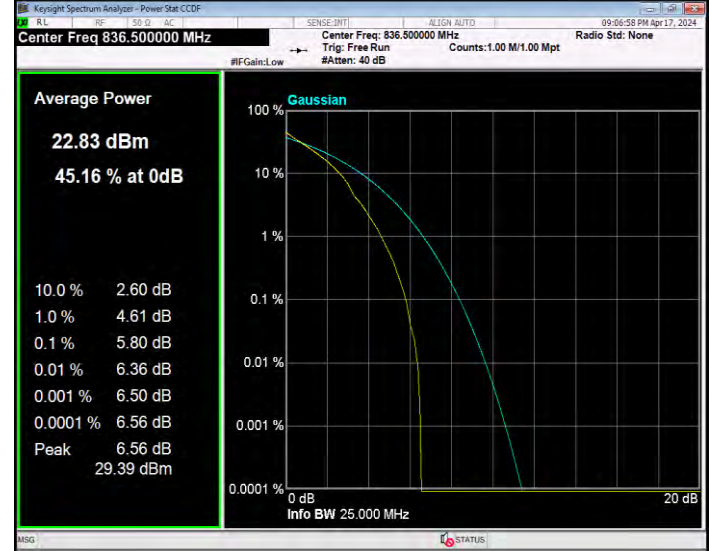
Band5 QPSK BW=10MHz Channel=20600 RB Size=1 Position=#0



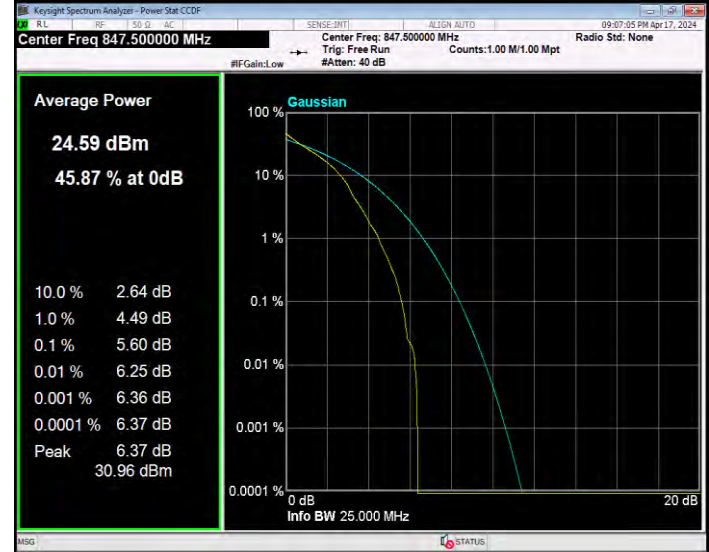
Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#0



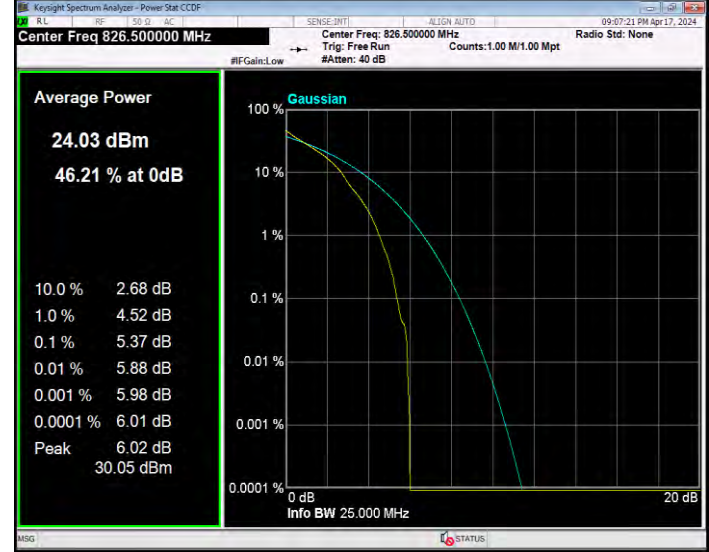
Band5 QPSK BW=3MHz Channel=20525 RB Size=1 Position=#0



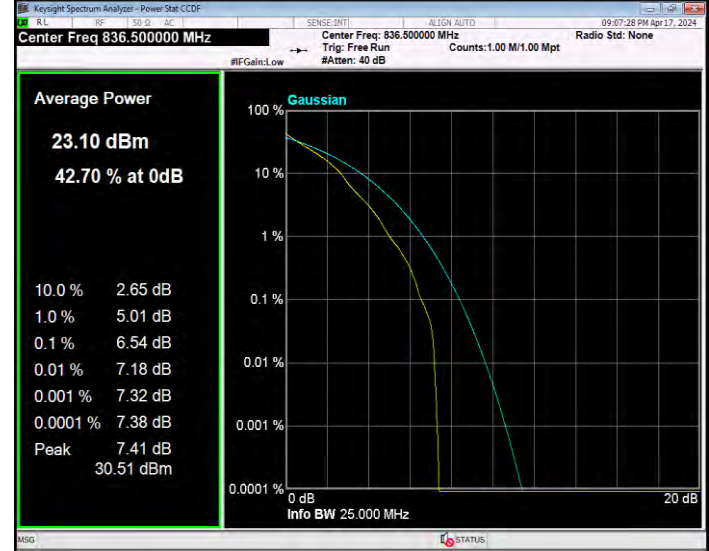
Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#0



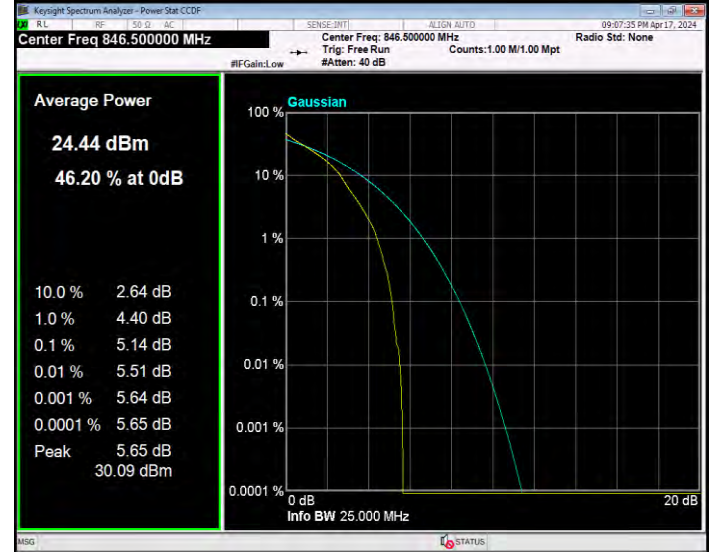
Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#0



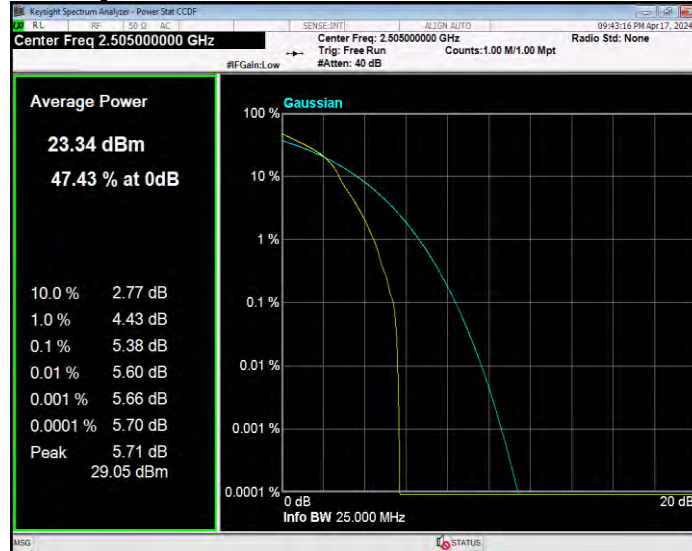
Band5 QPSK BW=5MHz Channel=20525 RB Size=1 Position=#0



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



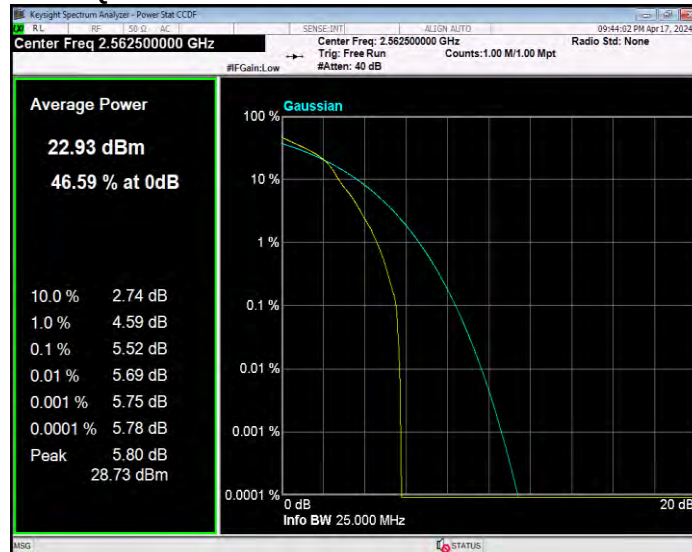
Band7 16QAM BW=15MHz Channel=20825 RB Size=1 Position=#0



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



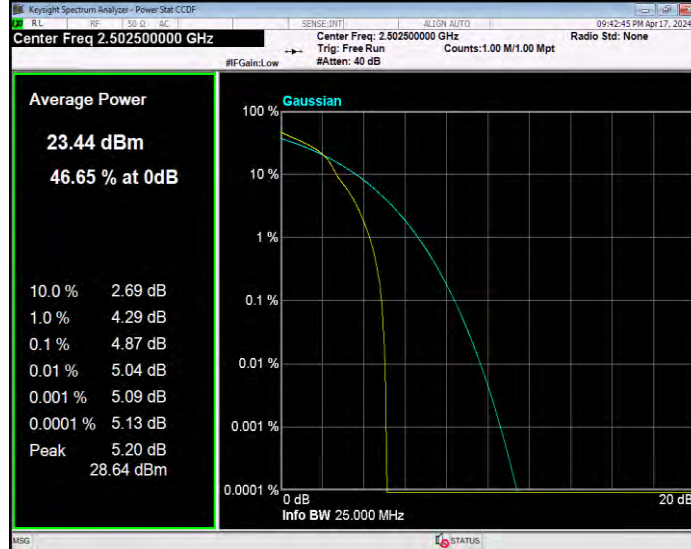
Band7 16QAM BW=20MHz Channel=21100 RB Size=1 Position=#0



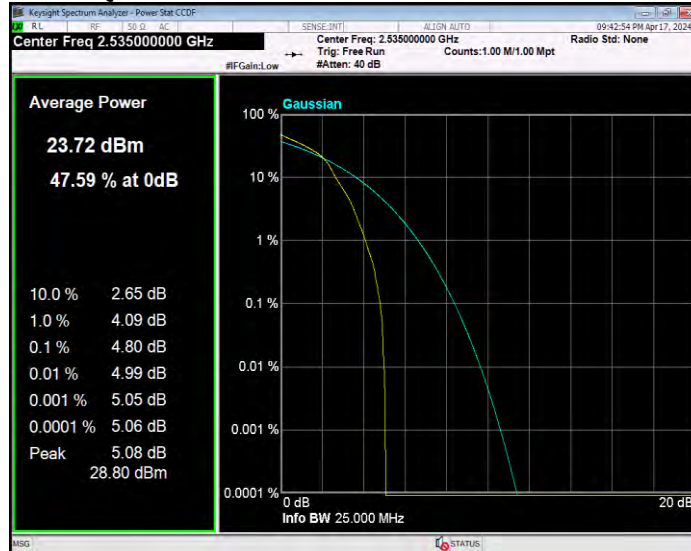
Band7 16QAM BW=20MHz Channel=21350 RB Size=1 Position=#0



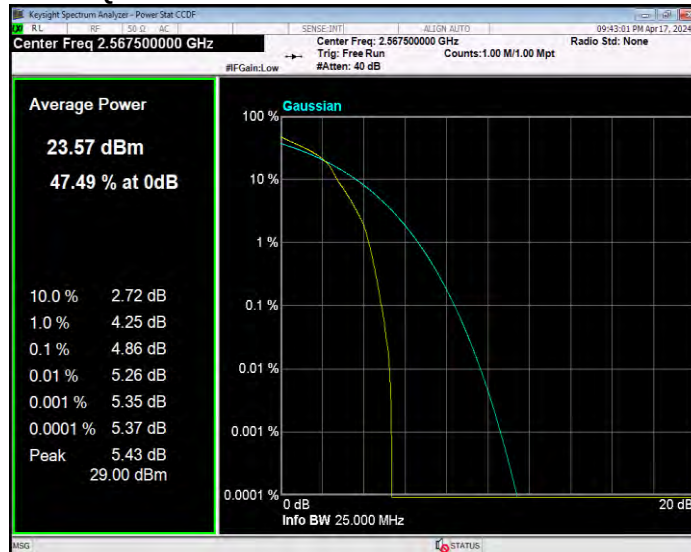
Band7 16QAM BW=5MHz Channel=20775 RB Size=1 Position=#0



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



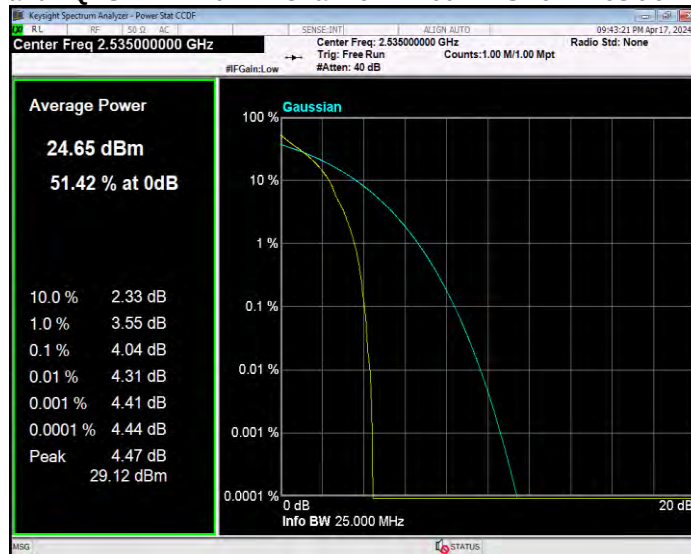
Band7 16QAM BW=5MHz Channel=21425 RB Size=1 Position=#0



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



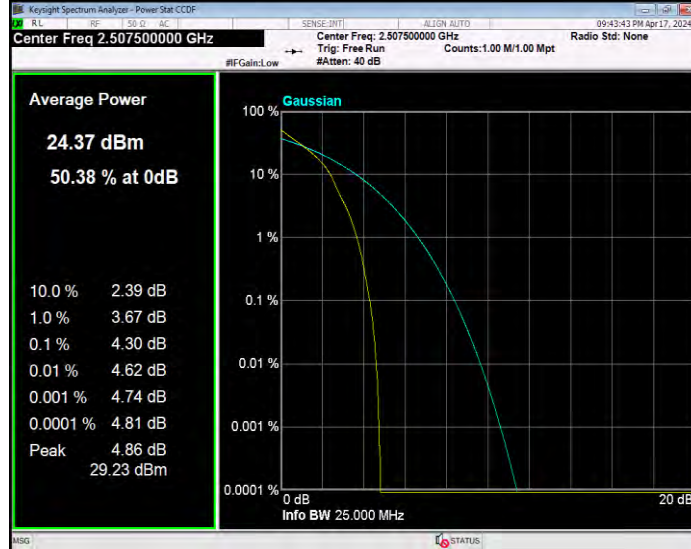
Band7 QPSK BW=10MHz Channel=21100 RB Size=1 Position=#0



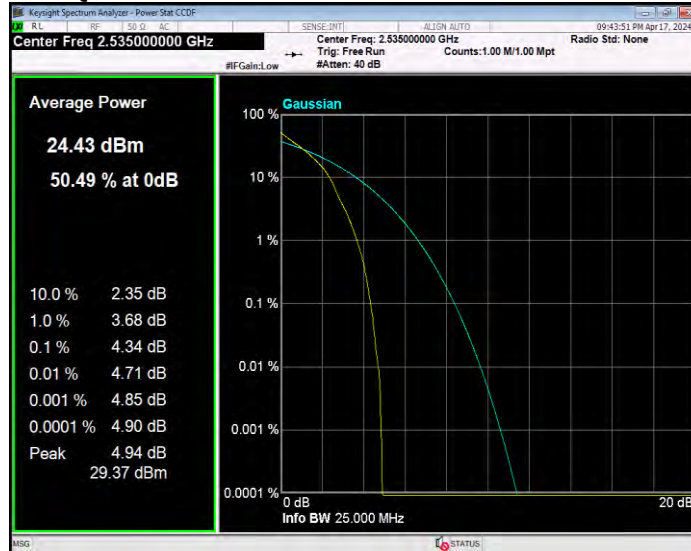
Band7 QPSK BW=10MHz Channel=21400 RB Size=1 Position=#0



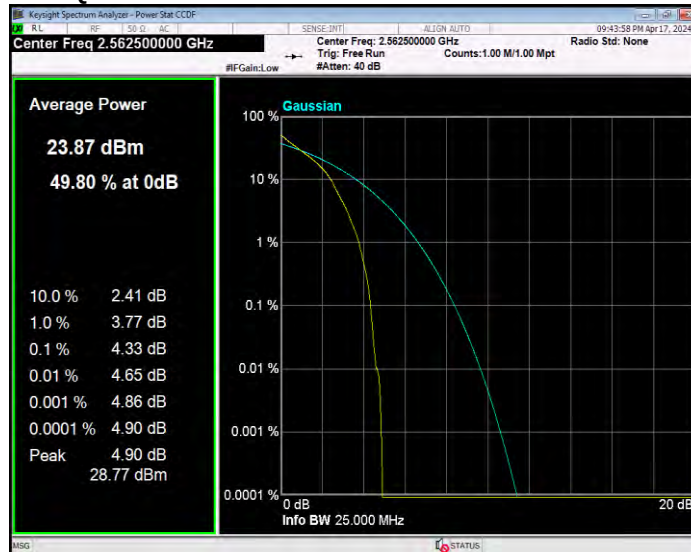
Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#0



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



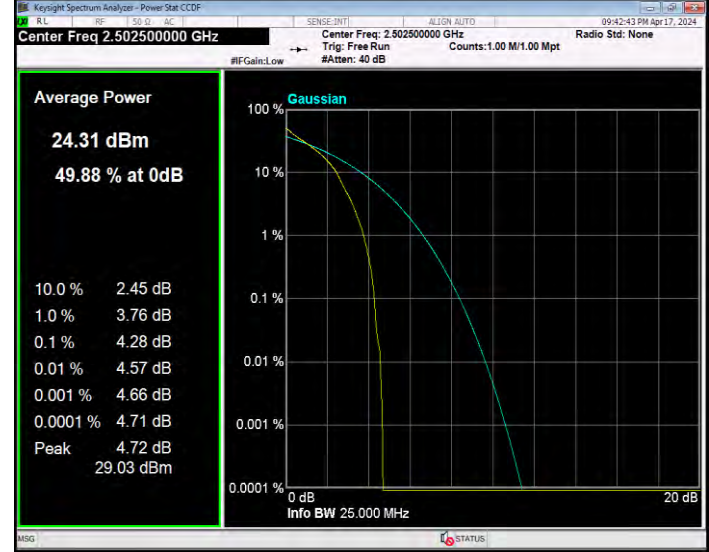
Band7 QPSK BW=20MHz Channel=21100 RB Size=1 Position=#0



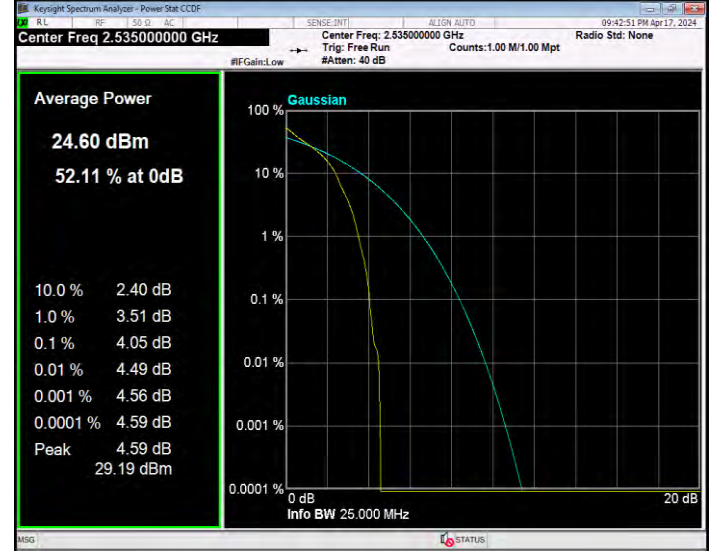
Band7 QPSK BW=20MHz Channel=21350 RB Size=1 Position=#0



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



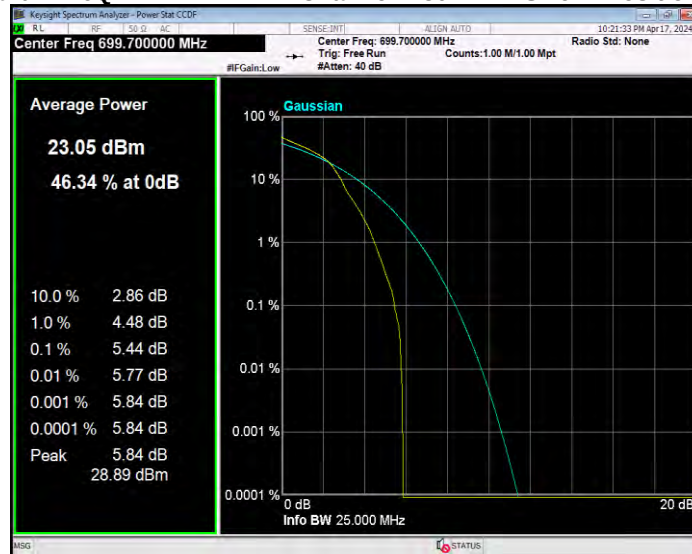
Band7 QPSK BW=5MHz Channel=21100 RB Size=1 Position=#0



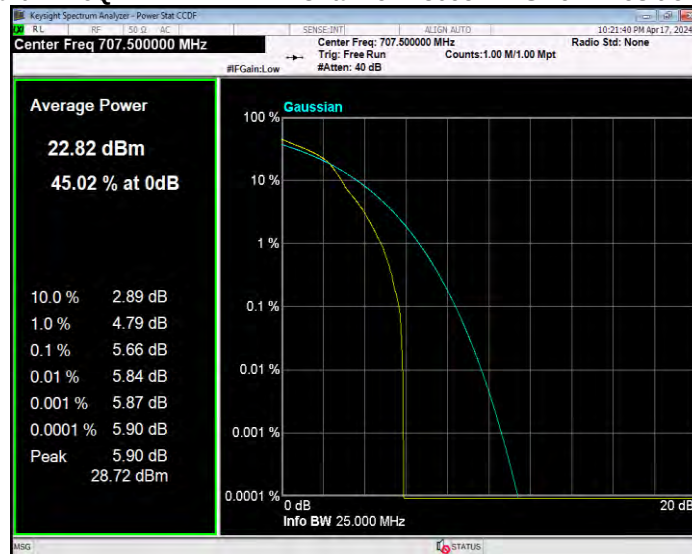
Band7 QPSK BW=5MHz Channel=21425 RB Size=1 Position=#0



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



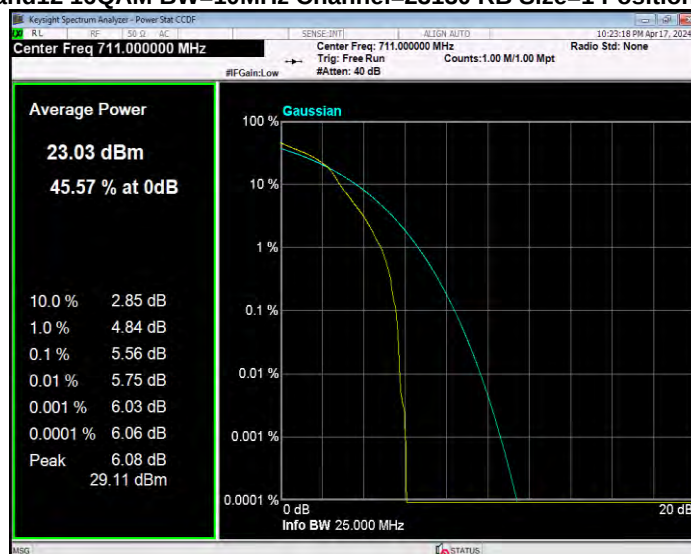
Band12 16QAM BW=10MHz Channel=23060 RB Size=1 Position=#0



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



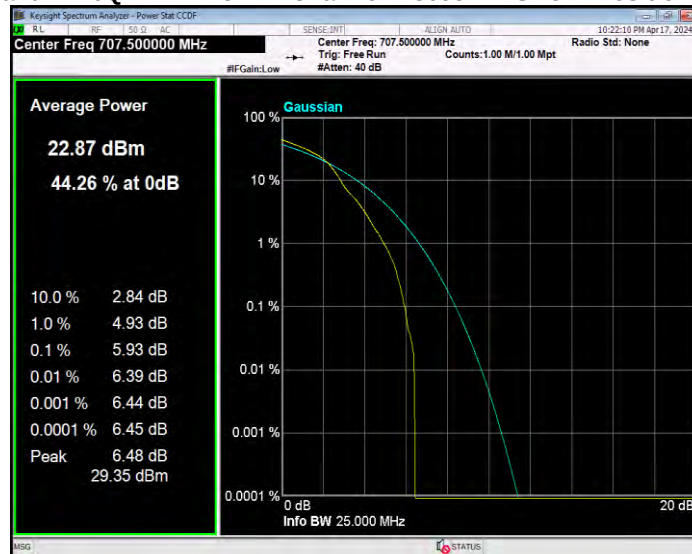
Band12 16QAM BW=10MHz Channel=23130 RB Size=1 Position=#0



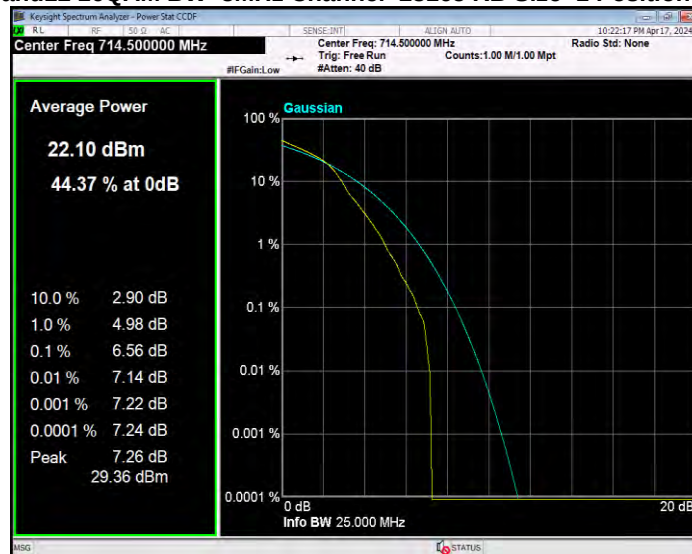
Band12 16QAM BW=3MHz Channel=23025 RB Size=1 Position=#0



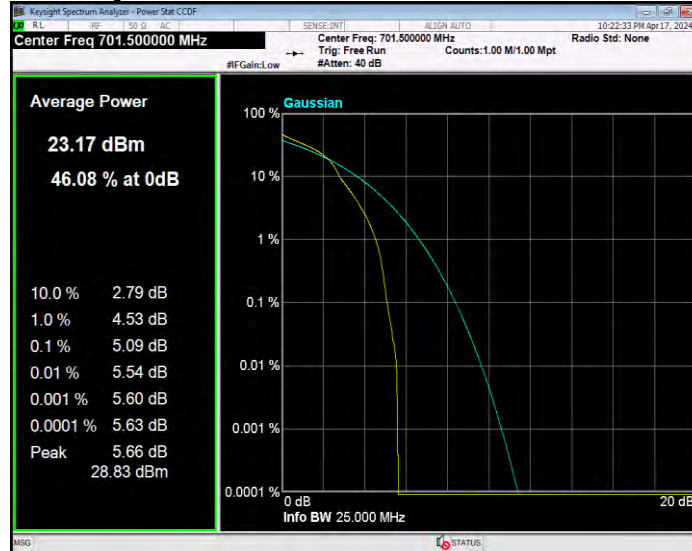
Band12 16QAM BW=3MHz Channel=23095 RB Size=1 Position=#0



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



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



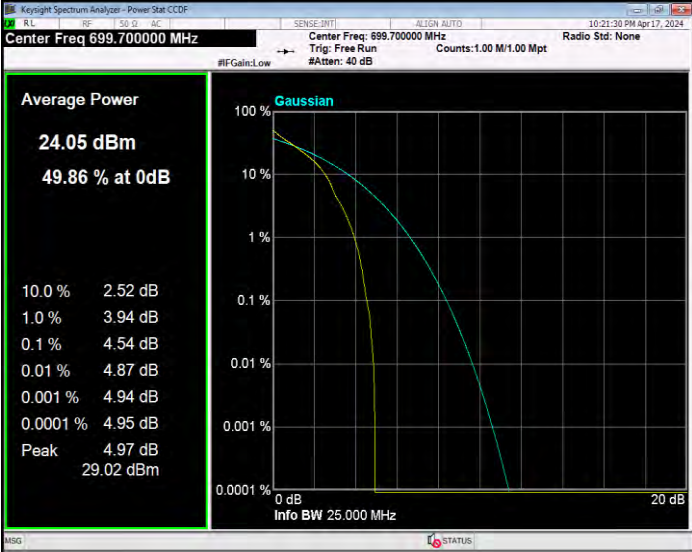
Band12 16QAM BW=5MHz Channel=23095 RB Size=1 Position=#0



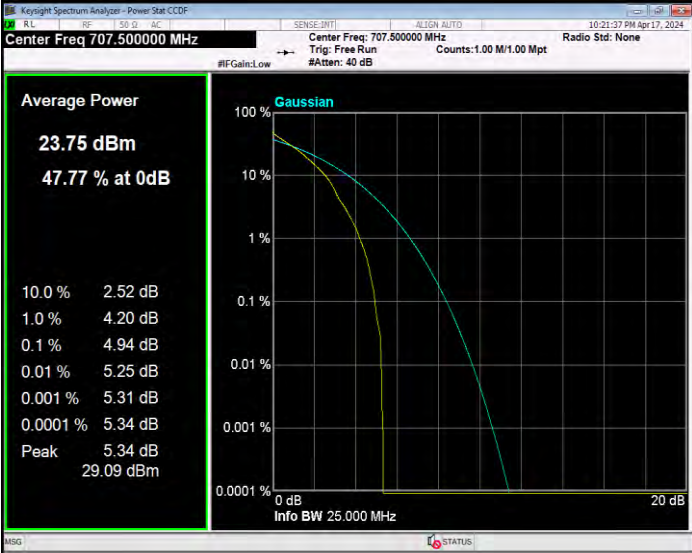
Band12 16QAM BW=5MHz Channel=23155 RB Size=1 Position=#0



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

