



Report

Band66	5	131997	1	#Max	QPSK	23.59	2.17	25.76	30	PASS
Band66	5	131997	12	#0	QPSK	22.71	2.17	24.88	30	PASS
Band66	5	131997	12	#Mid	QPSK	22.66	2.17	24.83	30	PASS
Band66	5	131997	12	#Max	QPSK	22.61	2.17	24.78	30	PASS
Band66	5	131997	25	#0	QPSK	22.72	2.17	24.89	30	PASS
Band66	5	131997	1	#0	16QAM	23.07	2.17	25.24	30	PASS
Band66	5	131997	1	#Mid	16QAM	23.05	2.17	25.22	30	PASS
Band66	5	131997	1	#Max	16QAM	22.95	2.17	25.12	30	PASS
Band66	5	131997	12	#0	16QAM	21.74	2.17	23.91	30	PASS
Band66	5	131997	12	#Mid	16QAM	21.70	2.17	23.87	30	PASS
Band66	5	131997	12	#Max	16QAM	21.67	2.17	23.84	30	PASS
Band66	5	131997	25	#0	16QAM	21.68	2.17	23.85	30	PASS
Band66	5	132322	1	#0	QPSK	23.78	2.17	25.95	30	PASS
Band66	5	132322	1	#Mid	QPSK	23.84	2.17	26.01	30	PASS
Band66	5	132322	1	#Max	QPSK	23.82	2.17	25.99	30	PASS
Band66	5	132322	12	#0	QPSK	22.74	2.17	24.91	30	PASS
Band66	5	132322	12	#Mid	QPSK	22.72	2.17	24.89	30	PASS
Band66	5	132322	12	#Max	QPSK	22.76	2.17	24.93	30	PASS
Band66	5	132322	25	#0	QPSK	22.79	2.17	24.96	30	PASS
Band66	5	132322	1	#0	16QAM	23.29	2.17	25.46	30	PASS
Band66	5	132322	1	#Mid	16QAM	23.32	2.17	25.49	30	PASS
Band66	5	132322	1	#Max	16QAM	23.31	2.17	25.48	30	PASS
Band66	5	132322	12	#0	16QAM	21.73	2.17	23.90	30	PASS
Band66	5	132322	12	#Mid	16QAM	21.72	2.17	23.89	30	PASS
Band66	5	132322	12	#Max	16QAM	21.77	2.17	23.94	30	PASS
Band66	5	132322	25	#0	16QAM	21.74	2.17	23.91	30	PASS
Band66	5	132647	1	#0	QPSK	23.90	2.17	26.07	30	PASS
Band66	5	132647	1	#Mid	QPSK	23.98	2.17	26.15	30	PASS
Band66	5	132647	1	#Max	QPSK	24.11	2.17	26.28	30	PASS
Band66	5	132647	12	#0	QPSK	22.89	2.17	25.06	30	PASS
Band66	5	132647	12	#Mid	QPSK	22.93	2.17	25.10	30	PASS
Band66	5	132647	12	#Max	QPSK	22.96	2.17	25.13	30	PASS
Band66	5	132647	25	#0	QPSK	22.99	2.17	25.16	30	PASS
Band66	5	132647	1	#0	16QAM	23.31	2.17	25.48	30	PASS
Band66	5	132647	1	#Mid	16QAM	23.44	2.17	25.61	30	PASS
Band66	5	132647	1	#Max	16QAM	23.48	2.17	25.65	30	PASS
Band66	5	132647	12	#0	16QAM	21.87	2.17	24.04	30	PASS
Band66	5	132647	12	#Mid	16QAM	21.90	2.17	24.07	30	PASS
Band66	5	132647	12	#Max	16QAM	21.93	2.17	24.10	30	PASS
Band66	5	132647	25	#0	16QAM	22.00	2.17	24.17	30	PASS
Band66	10	132022	1	#0	QPSK	23.79	2.17	25.96	30	PASS
Band66	10	132022	1	#Mid	QPSK	23.67	2.17	25.84	30	PASS
Band66	10	132022	1	#Max	QPSK	23.64	2.17	25.81	30	PASS
Band66	10	132022	25	#0	QPSK	22.68	2.17	24.85	30	PASS



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Band66	10	132022	25	#Mid	QPSK	22.59	2.17	24.76	30	PASS
Band66	10	132022	25	#Max	QPSK	22.61	2.17	24.78	30	PASS
Band66	10	132022	50	#0	QPSK	22.64	2.17	24.81	30	PASS
Band66	10	132022	1	#0	16QAM	22.72	2.17	24.89	30	PASS
Band66	10	132022	1	#Mid	16QAM	22.51	2.17	24.68	30	PASS
Band66	10	132022	1	#Max	16QAM	22.50	2.17	24.67	30	PASS
Band66	10	132022	25	#0	16QAM	21.67	2.17	23.84	30	PASS
Band66	10	132022	25	#Mid	16QAM	21.58	2.17	23.75	30	PASS
Band66	10	132022	25	#Max	16QAM	21.59	2.17	23.76	30	PASS
Band66	10	132022	50	#0	16QAM	21.60	2.17	23.77	30	PASS
Band66	10	132322	1	#0	QPSK	23.70	2.17	25.87	30	PASS
Band66	10	132322	1	#Mid	QPSK	23.73	2.17	25.90	30	PASS
Band66	10	132322	1	#Max	QPSK	23.77	2.17	25.94	30	PASS
Band66	10	132322	25	#0	QPSK	22.71	2.17	24.88	30	PASS
Band66	10	132322	25	#Mid	QPSK	22.73	2.17	24.90	30	PASS
Band66	10	132322	25	#Max	QPSK	22.81	2.17	24.98	30	PASS
Band66	10	132322	50	#0	QPSK	22.77	2.17	24.94	30	PASS
Band66	10	132322	1	#0	16QAM	23.17	2.17	25.34	30	PASS
Band66	10	132322	1	#Mid	16QAM	23.20	2.17	25.37	30	PASS
Band66	10	132322	1	#Max	16QAM	23.25	2.17	25.42	30	PASS
Band66	10	132322	25	#0	16QAM	21.72	2.17	23.89	30	PASS
Band66	10	132322	25	#Mid	16QAM	21.73	2.17	23.90	30	PASS
Band66	10	132322	25	#Max	16QAM	21.80	2.17	23.97	30	PASS
Band66	10	132322	50	#0	16QAM	21.74	2.17	23.91	30	PASS
Band66	10	132622	1	#0	QPSK	23.74	2.17	25.91	30	PASS
Band66	10	132622	1	#Mid	QPSK	23.87	2.17	26.04	30	PASS
Band66	10	132622	1	#Max	QPSK	24.03	2.17	26.20	30	PASS
Band66	10	132622	25	#0	QPSK	22.84	2.17	25.01	30	PASS
Band66	10	132622	25	#Mid	QPSK	22.89	2.17	25.06	30	PASS
Band66	10	132622	25	#Max	QPSK	22.99	2.17	25.16	30	PASS
Band66	10	132622	50	#0	QPSK	22.94	2.17	25.11	30	PASS
Band66	10	132622	1	#0	16QAM	22.96	2.17	25.13	30	PASS
Band66	10	132622	1	#Mid	16QAM	23.10	2.17	25.27	30	PASS
Band66	10	132622	1	#Max	16QAM	23.26	2.17	25.43	30	PASS
Band66	10	132622	25	#0	16QAM	21.81	2.17	23.98	30	PASS
Band66	10	132622	25	#Mid	16QAM	21.88	2.17	24.05	30	PASS
Band66	10	132622	25	#Max	16QAM	21.96	2.17	24.13	30	PASS
Band66	10	132622	50	#0	16QAM	21.93	2.17	24.10	30	PASS
Band66	15	132047	1	#0	QPSK	23.81	2.17	25.98	30	PASS
Band66	15	132047	1	#Mid	QPSK	23.67	2.17	25.84	30	PASS
Band66	15	132047	1	#Max	QPSK	23.58	2.17	25.75	30	PASS
Band66	15	132047	36	#0	QPSK	22.65	2.17	24.82	30	PASS
Band66	15	132047	36	#Mid	QPSK	22.59	2.17	24.76	30	PASS
Band66	15	132047	36	#Max	QPSK	22.59	2.17	24.76	30	PASS



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Band66	15	132047	75	#0	QPSK	22.62	2.17	24.79	30	PASS
Band66	15	132047	1	#0	16QAM	22.86	2.17	25.03	30	PASS
Band66	15	132047	1	#Mid	16QAM	22.71	2.17	24.88	30	PASS
Band66	15	132047	1	#Max	16QAM	22.64	2.17	24.81	30	PASS
Band66	15	132047	36	#0	16QAM	21.62	2.17	23.79	30	PASS
Band66	15	132047	36	#Mid	16QAM	21.54	2.17	23.71	30	PASS
Band66	15	132047	36	#Max	16QAM	21.54	2.17	23.71	30	PASS
Band66	15	132047	75	#0	16QAM	21.67	2.17	23.84	30	PASS
Band66	15	132322	1	#0	QPSK	23.68	2.17	25.85	30	PASS
Band66	15	132322	1	#Mid	QPSK	23.83	2.17	26.00	30	PASS
Band66	15	132322	1	#Max	QPSK	23.80	2.17	25.97	30	PASS
Band66	15	132322	36	#0	QPSK	22.71	2.17	24.88	30	PASS
Band66	15	132322	36	#Mid	QPSK	22.76	2.17	24.93	30	PASS
Band66	15	132322	36	#Max	QPSK	22.77	2.17	24.94	30	PASS
Band66	15	132322	75	#0	QPSK	22.81	2.17	24.98	30	PASS
Band66	15	132322	1	#0	16QAM	23.15	2.17	25.32	30	PASS
Band66	15	132322	1	#Mid	16QAM	23.24	2.17	25.41	30	PASS
Band66	15	132322	1	#Max	16QAM	23.24	2.17	25.41	30	PASS
Band66	15	132322	36	#0	16QAM	21.75	2.17	23.92	30	PASS
Band66	15	132322	36	#Mid	16QAM	21.79	2.17	23.96	30	PASS
Band66	15	132322	36	#Max	16QAM	21.80	2.17	23.97	30	PASS
Band66	15	132322	75	#0	16QAM	21.80	2.17	23.97	30	PASS
Band66	15	132597	1	#0	QPSK	23.70	2.17	25.87	30	PASS
Band66	15	132597	1	#Mid	QPSK	23.86	2.17	26.03	30	PASS
Band66	15	132597	1	#Max	QPSK	24.04	2.17	26.21	30	PASS
Band66	15	132597	36	#0	QPSK	22.78	2.17	24.95	30	PASS
Band66	15	132597	36	#Mid	QPSK	22.86	2.17	25.03	30	PASS
Band66	15	132597	36	#Max	QPSK	22.96	2.17	25.13	30	PASS
Band66	15	132597	75	#0	QPSK	22.90	2.17	25.07	30	PASS
Band66	15	132597	1	#0	16QAM	22.93	2.17	25.10	30	PASS
Band66	15	132597	1	#Mid	16QAM	23.11	2.17	25.28	30	PASS
Band66	15	132597	1	#Max	16QAM	23.29	2.17	25.46	30	PASS
Band66	15	132597	36	#0	16QAM	21.85	2.17	24.02	30	PASS
Band66	15	132597	36	#Mid	16QAM	21.90	2.17	24.07	30	PASS
Band66	15	132597	36	#Max	16QAM	22.04	2.17	24.21	30	PASS
Band66	15	132597	75	#0	16QAM	21.90	2.17	24.07	30	PASS
Band66	20	132072	1	#0	QPSK	23.78	2.17	25.95	30	PASS
Band66	20	132072	1	#Mid	QPSK	23.62	2.17	25.79	30	PASS
Band66	20	132072	1	#Max	QPSK	23.58	2.17	25.75	30	PASS
Band66	20	132072	50	#0	QPSK	22.68	2.17	24.85	30	PASS
Band66	20	132072	50	#Mid	QPSK	22.64	2.17	24.81	30	PASS
Band66	20	132072	50	#Max	QPSK	22.59	2.17	24.76	30	PASS
Band66	20	132072	100	#0	QPSK	22.63	2.17	24.80	30	PASS
Band66	20	132072	1	#0	16QAM	23.23	2.17	25.40	30	PASS



Report

Band66	20	132072	1	#Mid	16QAM	23.09	2.17	25.26	30	PASS
Band66	20	132072	1	#Max	16QAM	22.93	2.17	25.10	30	PASS
Band66	20	132072	50	#0	16QAM	21.69	2.17	23.86	30	PASS
Band66	20	132072	50	#Mid	16QAM	21.66	2.17	23.83	30	PASS
Band66	20	132072	50	#Max	16QAM	21.62	2.17	23.79	30	PASS
Band66	20	132072	100	#0	16QAM	21.62	2.17	23.79	30	PASS
Band66	20	132322	1	#0	QPSK	23.75	2.17	25.92	30	PASS
Band66	20	132322	1	#Mid	QPSK	23.89	2.17	26.06	30	PASS
Band66	20	132322	1	#Max	QPSK	23.88	2.17	26.05	30	PASS
Band66	20	132322	50	#0	QPSK	22.77	2.17	24.94	30	PASS
Band66	20	132322	50	#Mid	QPSK	22.84	2.17	25.01	30	PASS
Band66	20	132322	50	#Max	QPSK	22.88	2.17	25.05	30	PASS
Band66	20	132322	100	#0	QPSK	22.83	2.17	25.00	30	PASS
Band66	20	132322	1	#0	16QAM	22.99	2.17	25.16	30	PASS
Band66	20	132322	1	#Mid	16QAM	23.10	2.17	25.27	30	PASS
Band66	20	132322	1	#Max	16QAM	23.06	2.17	25.23	30	PASS
Band66	20	132322	50	#0	16QAM	21.73	2.17	23.90	30	PASS
Band66	20	132322	50	#Mid	16QAM	21.79	2.17	23.96	30	PASS
Band66	20	132322	50	#Max	16QAM	21.83	2.17	24.00	30	PASS
Band66	20	132322	100	#0	16QAM	21.80	2.17	23.97	30	PASS
Band66	20	132572	1	#0	QPSK	23.61	2.17	25.78	30	PASS
Band66	20	132572	1	#Mid	QPSK	23.79	2.17	25.96	30	PASS
Band66	20	132572	1	#Max	QPSK	24.05	2.17	26.22	30	PASS
Band66	20	132572	50	#0	QPSK	22.80	2.17	24.97	30	PASS
Band66	20	132572	50	#Mid	QPSK	22.84	2.17	25.01	30	PASS
Band66	20	132572	50	#Max	QPSK	23.02	2.17	25.19	30	PASS
Band66	20	132572	100	#0	QPSK	22.92	2.17	25.09	30	PASS
Band66	20	132572	1	#0	16QAM	22.96	2.17	25.13	30	PASS
Band66	20	132572	1	#Mid	16QAM	23.10	2.17	25.27	30	PASS
Band66	20	132572	1	#Max	16QAM	23.39	2.17	25.56	30	PASS
Band66	20	132572	50	#0	16QAM	21.84	2.17	24.01	30	PASS
Band66	20	132572	50	#Mid	16QAM	21.86	2.17	24.03	30	PASS
Band66	20	132572	50	#Max	16QAM	22.04	2.17	24.21	30	PASS
Band66	20	132572	100	#0	16QAM	21.89	2.17	24.06	30	PASS



Report

Frequency stability

LTE Band 2 (QPSK) / 1880MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	0.83	0.000	2.5ppm	PASS
40		1.31	0.001		
30		0.79	0.000		
20		0.40	0.000		
10		1.10	0.001		
0		1.22	0.001		
-10		0.89	0.000		
-20		1.20	0.001		
-30		0.76	0.000		
20	Maximum Voltage	1.81	0.001		
20	BEP	-0.59	0.000		

LTE Band 2 (16QAM) / 1880MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-1.55	-0.001	2.5ppm	PASS
40		-1.25	-0.001		
30		-1.25	-0.001		
20		1.22	0.001		
10		1.45	0.001		
0		1.23	0.001		
-10		-1.69	-0.001		
-20		1.26	0.001		
-30		-1.26	-0.001		
20	Maximum Voltage	2.03	0.001		
20	BEP	2.28	0.001		



Report

LTE Band 4 (QPSK) / 1733MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	0.13	0.000	2.5ppm	PASS
40		-0.47	0.000		
30		0.49	0.000		
20		-2.50	-0.001		
10		-0.41	0.000		
0		-0.70	0.000		
-10		-0.62	0.000		
-20		-0.30	0.000		
-30		0.19	0.000		
20	Maximum Voltage	0.32	0.000		
20	BEP	-0.97	-0.001		

LTE Band 4 (16QAM) / 1733MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-0.45	0.000	2.5ppm	PASS
40		-0.36	0.000		
30		0.39	0.000		
20		-2.26	-0.001		
10		-0.18	0.000		
0		-0.44	0.000		
-10		-0.35	0.000		
-20		0.39	0.000		
-30		0.15	0.000		
20	Maximum Voltage	-0.74	0.000		
20	BEP	0.19	0.000		



Report

LTE Band 5 (QPSK) / 836.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	0.64	0.001	2.5ppm	PASS
40		0.84	0.001		
30		-0.55	-0.001		
20		-3.30	-0.004		
10		0.71	0.001		
0		0.65	0.001		
-10		0.82	0.001		
-20		1.03	0.001		
-30		-0.81	-0.001		
20	Maximum Voltage	0.30	0.000		
20	BEP	0.43	0.001		

LTE Band 5 (16QAM) / 836.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	1.53	0.002	2.5ppm	PASS
40		-1.51	-0.002		
30		1.35	0.002		
20		-4.69	-0.006		
10		-1.58	-0.002		
0		-1.24	-0.001		
-10		-1.73	-0.002		
-20		1.57	0.002		
-30		1.44	0.002		
20	Maximum Voltage	0.75	0.001		
20	BEP	0.71	0.001		



Report

LTE Band 12 (QPSK) / 707.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-0.05	0.000	2.5ppm	PASS
40		-0.11	0.000		
30		0.04	0.000		
20		-1.77	-0.003		
10		-0.36	-0.001		
0		0.16	0.000		
-10		-0.14	0.000		
-20		-0.10	0.000		
-30		0.06	0.000		
20	Maximum Voltage	0.16	0.000		
20	BEP	-0.18	0.000		

LTE Band 12 (16QAM) / 707.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	0.02	0.000	2.5ppm	PASS
40		-0.09	0.000		
30		-0.18	0.000		
20		-1.86	-0.003		
10		0.14	0.000		
0		-0.29	0.000		
-10		-0.09	0.000		
-20		-0.22	0.000		
-30		0.11	0.000		
20	Maximum Voltage	-0.27	0.000		
20	BEP	-0.07	0.000		



Report

LTE Band 13 (QPSK) / 782MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	0.89	0.001	2.5ppm	PASS
40		1.00	0.001		
30		-0.81	-0.001		
20		-3.10	-0.004		
10		-0.44	-0.001		
0		0.72	0.001		
-10		0.53	0.001		
-20		-0.62	-0.001		
-30		0.63	0.001		
20	Maximum Voltage	-0.68	-0.001		
20	BEP	-0.82	-0.001		

LTE Band 13 (16QAM) / 782MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-1.83	-0.002	2.5ppm	PASS
40		-1.45	-0.002		
30		2.03	0.003		
20		-5.14	-0.007		
10		1.76	0.002		
0		-1.97	-0.003		
-10		-1.80	-0.002		
-20		-1.46	-0.002		
-30		-1.81	-0.002		
20	Maximum Voltage	-2.36	-0.003		
20	BEP	0.79	0.001		



Report

LTE Band 14 (QPSK) / 793MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-1.43	-0.002	2.5ppm	PASS
40		-1.57	-0.002		
30		-1.43	-0.002		
20		1.34	0.002		
10		-1.31	-0.002		
0		-1.20	-0.002		
-10		-1.66	-0.002		
-20		-1.26	-0.002		
-30		-1.27	-0.002		
20	Maximum Voltage	-0.85	-0.001		
20	BEP	-0.81	-0.001		

LTE Band 14 (16QAM) / 793MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	0.94	0.001	2.5ppm	PASS
40		0.88	0.001		
30		0.81	0.001		
20		0.46	0.001		
10		1.03	0.001		
0		-0.86	-0.001		
-10		-0.84	-0.001		
-20		-0.82	-0.001		
-30		-0.80	-0.001		
20	Maximum Voltage	1.81	0.002		
20	BEP	1.63	0.002		



Report

LTE Band 66 (QPSK) / 1745MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-0.48	0.000	2.5ppm	PASS
40		0.59	0.000		
30		0.51	0.000		
20		-0.77	0.000		
10		-0.62	0.000		
0		0.68	0.000		
-10		-0.36	0.000		
-20		0.43	0.000		
-30		0.23	0.000		
20	Maximum Voltage	-0.14	0.000		
20	BEP	0.26	0.000		

LTE Band 66 (16QAM) / 1745MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-0.91	-0.001	2.5ppm	PASS
40		-1.05	-0.001		
30		0.99	0.001		
20		0.69	0.000		
10		1.40	0.001		
0		1.16	0.001		
-10		1.35	0.001		
-20		1.40	0.001		
-30		0.99	0.001		
20	Maximum Voltage	1.69	0.001		
20	BEP	-0.67	0.000		



Report

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	5.91	13	PASS
Band2	1.4	18607	1	#0	16QAM	7.11	13	PASS
Band2	1.4	18900	1	#0	QPSK	5.76	13	PASS
Band2	1.4	18900	1	#0	16QAM	6.27	13	PASS
Band2	1.4	19193	1	#0	QPSK	5.97	13	PASS
Band2	1.4	19193	1	#0	16QAM	6.91	13	PASS
Band2	3	18615	1	#0	QPSK	5.96	13	PASS
Band2	3	18615	1	#0	16QAM	6.85	13	PASS
Band2	3	18900	1	#0	QPSK	5.76	13	PASS
Band2	3	18900	1	#0	16QAM	6.34	13	PASS
Band2	3	19185	1	#0	QPSK	6.09	13	PASS
Band2	3	19185	1	#0	16QAM	6.83	13	PASS
Band2	5	18625	1	#0	QPSK	5.76	13	PASS
Band2	5	18625	1	#0	16QAM	6.19	13	PASS
Band2	5	18900	1	#0	QPSK	5.92	13	PASS
Band2	5	18900	1	#0	16QAM	6.76	13	PASS
Band2	5	19175	1	#0	QPSK	6.46	13	PASS
Band2	5	19175	1	#0	16QAM	6.58	13	PASS
Band2	10	18650	1	#0	QPSK	5.64	13	PASS
Band2	10	18650	1	#0	16QAM	6.23	13	PASS
Band2	10	18900	1	#0	QPSK	5.98	13	PASS
Band2	10	18900	1	#0	16QAM	6.78	13	PASS
Band2	10	19150	1	#0	QPSK	5.90	13	PASS
Band2	10	19150	1	#0	16QAM	6.85	13	PASS
Band2	15	18675	1	#0	QPSK	5.96	13	PASS
Band2	15	18675	1	#0	16QAM	6.52	13	PASS
Band2	15	18900	1	#0	QPSK	5.86	13	PASS
Band2	15	18900	1	#0	16QAM	6.98	13	PASS
Band2	15	19125	1	#0	QPSK	5.70	13	PASS
Band2	15	19125	1	#0	16QAM	6.77	13	PASS
Band2	20	18700	1	#0	QPSK	5.97	13	PASS
Band2	20	18700	1	#0	16QAM	6.71	13	PASS
Band2	20	18900	1	#0	QPSK	5.93	13	PASS
Band2	20	18900	1	#0	16QAM	7.47	13	PASS
Band2	20	19100	1	#0	QPSK	5.10	13	PASS
Band2	20	19100	1	#0	16QAM	5.69	13	PASS
Band4	1.4	19957	1	#0	QPSK	5.21	13	PASS
Band4	1.4	19957	1	#0	16QAM	6.25	13	PASS
Band4	1.4	20175	1	#0	QPSK	5.62	13	PASS
Band4	1.4	20175	1	#0	16QAM	6.16	13	PASS
Band4	1.4	20393	1	#0	QPSK	5.09	13	PASS
Band4	1.4	20393	1	#0	16QAM	5.86	13	PASS



Report

Band4	3	19965	1	#0	QPSK	5.22	13	PASS
Band4	3	19965	1	#0	16QAM	6.09	13	PASS
Band4	3	20175	1	#0	QPSK	5.86	13	PASS
Band4	3	20175	1	#0	16QAM	7.00	13	PASS
Band4	3	20385	1	#0	QPSK	4.97	13	PASS
Band4	3	20385	1	#0	16QAM	5.66	13	PASS
Band4	5	19975	1	#0	QPSK	5.17	13	PASS
Band4	5	19975	1	#0	16QAM	5.87	13	PASS
Band4	5	20175	1	#0	QPSK	5.99	13	PASS
Band4	5	20175	1	#0	16QAM	6.52	13	PASS
Band4	5	20375	1	#0	QPSK	4.99	13	PASS
Band4	5	20375	1	#0	16QAM	5.58	13	PASS
Band4	10	20000	1	#0	QPSK	5.09	13	PASS
Band4	10	20000	1	#0	16QAM	6.10	13	PASS
Band4	10	20175	1	#0	QPSK	5.37	13	PASS
Band4	10	20175	1	#0	16QAM	6.11	13	PASS
Band4	10	20350	1	#0	QPSK	4.89	13	PASS
Band4	10	20350	1	#0	16QAM	5.72	13	PASS
Band4	15	20025	1	#0	QPSK	5.14	13	PASS
Band4	15	20025	1	#0	16QAM	6.01	13	PASS
Band4	15	20175	1	#0	QPSK	5.31	13	PASS
Band4	15	20175	1	#0	16QAM	6.33	13	PASS
Band4	15	20325	1	#0	QPSK	5.35	13	PASS
Band4	15	20325	1	#0	16QAM	6.03	13	PASS
Band4	20	20050	1	#0	QPSK	5.01	13	PASS
Band4	20	20050	1	#0	16QAM	5.60	13	PASS
Band4	20	20175	1	#0	QPSK	5.44	13	PASS
Band4	20	20175	1	#0	16QAM	6.10	13	PASS
Band4	20	20300	1	#0	QPSK	5.85	13	PASS
Band4	20	20300	1	#0	16QAM	7.33	13	PASS
Band5	1.4	20407	1	#0	QPSK	4.66	13	PASS
Band5	1.4	20407	1	#0	16QAM	5.50	13	PASS
Band5	1.4	20525	1	#0	QPSK	4.73	13	PASS
Band5	1.4	20525	1	#0	16QAM	5.60	13	PASS
Band5	1.4	20643	1	#0	QPSK	4.33	13	PASS
Band5	1.4	20643	1	#0	16QAM	5.13	13	PASS
Band5	3	20415	1	#0	QPSK	4.52	13	PASS
Band5	3	20415	1	#0	16QAM	5.32	13	PASS
Band5	3	20525	1	#0	QPSK	4.71	13	PASS
Band5	3	20525	1	#0	16QAM	5.57	13	PASS
Band5	3	20635	1	#0	QPSK	4.12	13	PASS
Band5	3	20635	1	#0	16QAM	5.10	13	PASS
Band5	5	20425	1	#0	QPSK	4.58	13	PASS
Band5	5	20425	1	#0	16QAM	5.31	13	PASS



Report

Band5	5	20525	1	#0	QPSK	4.63	13	PASS
Band5	5	20525	1	#0	16QAM	5.51	13	PASS
Band5	5	20625	1	#0	QPSK	3.84	13	PASS
Band5	5	20625	1	#0	16QAM	4.69	13	PASS
Band5	10	20450	1	#0	QPSK	4.58	13	PASS
Band5	10	20450	1	#0	16QAM	5.43	13	PASS
Band5	10	20525	1	#0	QPSK	4.40	13	PASS
Band5	10	20525	1	#0	16QAM	5.30	13	PASS
Band5	10	20600	1	#0	QPSK	4.61	13	PASS
Band5	10	20600	1	#0	16QAM	5.47	13	PASS
Band12	1.4	23017	1	#0	QPSK	5.41	13	PASS
Band12	1.4	23017	1	#0	16QAM	6.40	13	PASS
Band12	1.4	23095	1	#0	QPSK	5.39	13	PASS
Band12	1.4	23095	1	#0	16QAM	6.18	13	PASS
Band12	1.4	23173	1	#0	QPSK	4.01	13	PASS
Band12	1.4	23173	1	#0	16QAM	4.83	13	PASS
Band12	3	23025	1	#0	QPSK	5.42	13	PASS
Band12	3	23025	1	#0	16QAM	6.41	13	PASS
Band12	3	23095	1	#0	QPSK	5.01	13	PASS
Band12	3	23095	1	#0	16QAM	5.75	13	PASS
Band12	3	23165	1	#0	QPSK	3.54	13	PASS
Band12	3	23165	1	#0	16QAM	4.41	13	PASS
Band12	5	23035	1	#0	QPSK	5.28	13	PASS
Band12	5	23035	1	#0	16QAM	5.99	13	PASS
Band12	5	23095	1	#0	QPSK	4.85	13	PASS
Band12	5	23095	1	#0	16QAM	5.55	13	PASS
Band12	5	23155	1	#0	QPSK	3.70	13	PASS
Band12	5	23155	1	#0	16QAM	4.43	13	PASS
Band12	10	23060	1	#0	QPSK	5.03	13	PASS
Band12	10	23060	1	#0	16QAM	5.92	13	PASS
Band12	10	23095	1	#0	QPSK	3.72	13	PASS
Band12	10	23095	1	#0	16QAM	4.67	13	PASS
Band12	10	23130	1	#0	QPSK	5.18	13	PASS
Band12	10	23130	1	#0	16QAM	5.94	13	PASS
Band13	5	23205	1	#0	QPSK	4.79	13	PASS
Band13	5	23205	1	#0	16QAM	5.54	13	PASS
Band13	5	23230	1	#0	QPSK	5.09	13	PASS
Band13	5	23230	1	#0	16QAM	5.74	13	PASS
Band13	5	23255	1	#0	QPSK	5.21	13	PASS
Band13	5	23255	1	#0	16QAM	5.90	13	PASS
Band13	10	23230	1	#0	QPSK	4.77	13	PASS
Band13	10	23230	1	#0	16QAM	5.72	13	PASS
Band14	5	23305	1	#0	QPSK	5.72	13	PASS
Band14	5	23305	1	#0	16QAM	6.27	13	PASS



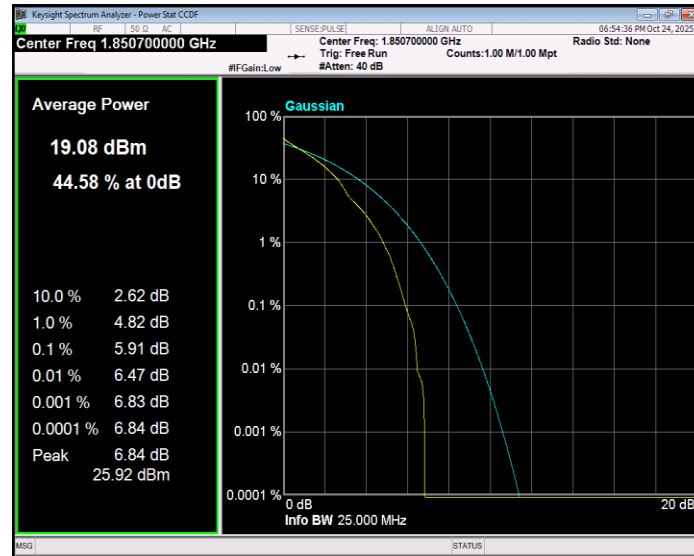
Report

Band14	5	23330	1	#0	QPSK	6.31	13	PASS
Band14	5	23330	1	#0	16QAM	6.62	13	PASS
Band14	5	23355	1	#0	QPSK	5.86	13	PASS
Band14	5	23355	1	#0	16QAM	6.16	13	PASS
Band14	10	23330	1	#0	QPSK	5.67	13	PASS
Band14	10	23330	1	#0	16QAM	6.59	13	PASS
Band66	1.4	131979	1	#0	QPSK	5.07	13	PASS
Band66	1.4	131979	1	#0	16QAM	6.07	13	PASS
Band66	1.4	132322	1	#0	QPSK	4.74	13	PASS
Band66	1.4	132322	1	#0	16QAM	5.52	13	PASS
Band66	1.4	132665	1	#0	QPSK	4.61	13	PASS
Band66	1.4	132665	1	#0	16QAM	5.52	13	PASS
Band66	3	131987	1	#0	QPSK	4.98	13	PASS
Band66	3	131987	1	#0	16QAM	5.67	13	PASS
Band66	3	132322	1	#0	QPSK	4.92	13	PASS
Band66	3	132322	1	#0	16QAM	5.87	13	PASS
Band66	3	132657	1	#0	QPSK	4.65	13	PASS
Band66	3	132657	1	#0	16QAM	5.59	13	PASS
Band66	5	131997	1	#0	QPSK	5.04	13	PASS
Band66	5	131997	1	#0	16QAM	5.71	13	PASS
Band66	5	132322	1	#0	QPSK	5.07	13	PASS
Band66	5	132322	1	#0	16QAM	5.74	13	PASS
Band66	5	132647	1	#0	QPSK	4.44	13	PASS
Band66	5	132647	1	#0	16QAM	5.17	13	PASS
Band66	10	132022	1	#0	QPSK	4.86	13	PASS
Band66	10	132022	1	#0	16QAM	5.64	13	PASS
Band66	10	132322	1	#0	QPSK	5.25	13	PASS
Band66	10	132322	1	#0	16QAM	6.09	13	PASS
Band66	10	132622	1	#0	QPSK	4.39	13	PASS
Band66	10	132622	1	#0	16QAM	5.43	13	PASS
Band66	15	132047	1	#0	QPSK	4.93	13	PASS
Band66	15	132047	1	#0	16QAM	5.92	13	PASS
Band66	15	132322	1	#0	QPSK	5.52	13	PASS
Band66	15	132322	1	#0	16QAM	6.08	13	PASS
Band66	15	132597	1	#0	QPSK	4.99	13	PASS
Band66	15	132597	1	#0	16QAM	5.76	13	PASS
Band66	20	132072	1	#0	QPSK	4.86	13	PASS
Band66	20	132072	1	#0	16QAM	5.57	13	PASS
Band66	20	132322	1	#0	QPSK	5.82	13	PASS
Band66	20	132322	1	#0	16QAM	6.55	13	PASS
Band66	20	132572	1	#0	QPSK	5.10	13	PASS
Band66	20	132572	1	#0	16QAM	6.21	13	PASS

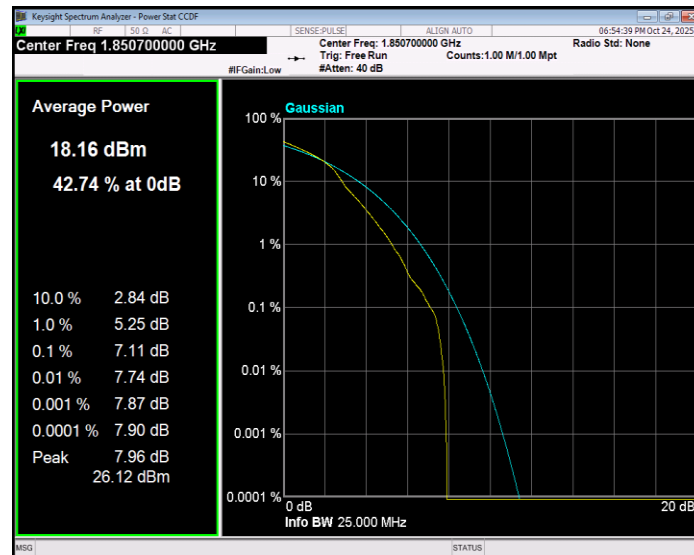
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=1 Position=#0



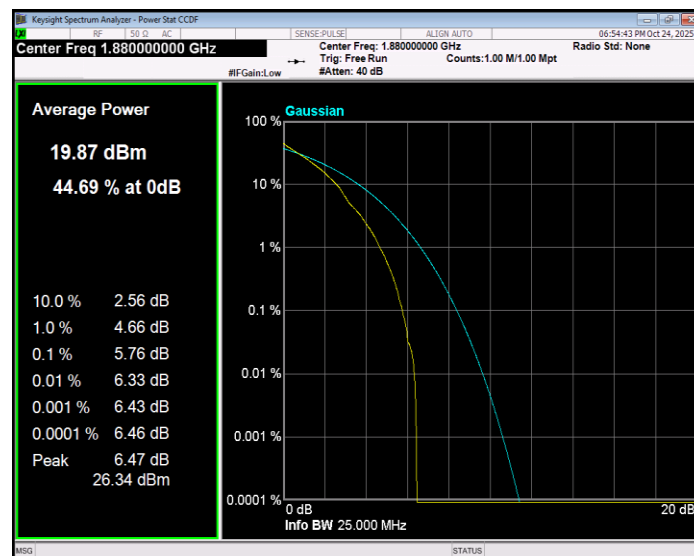
Report



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



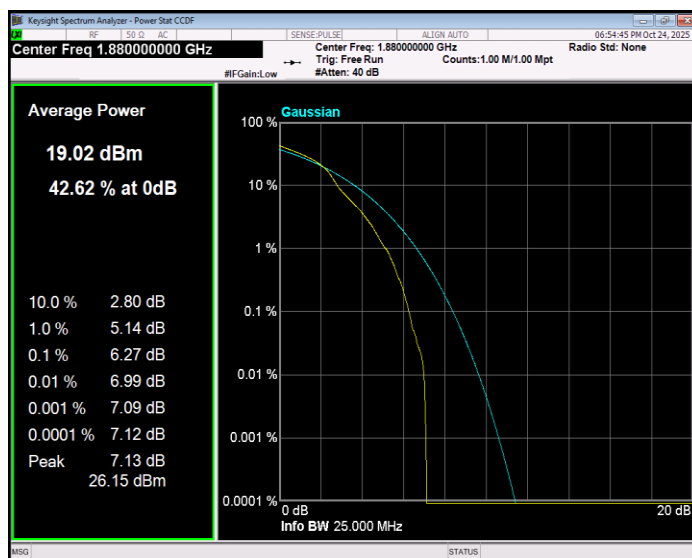
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=1 Position=#0



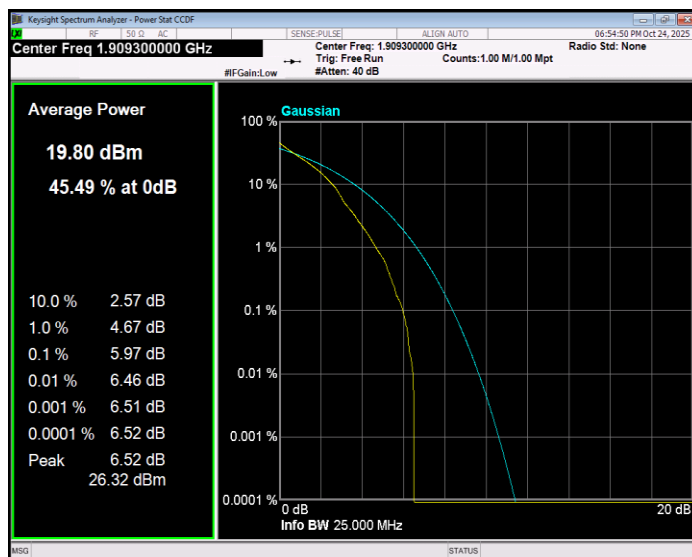


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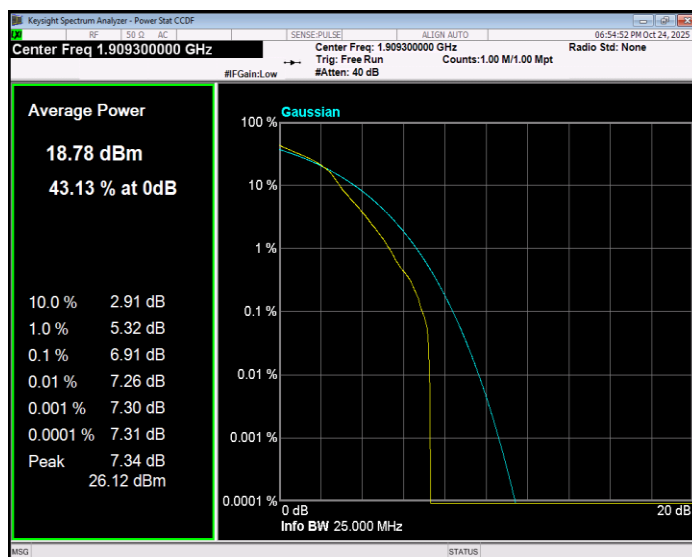
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=1 Position=#0



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



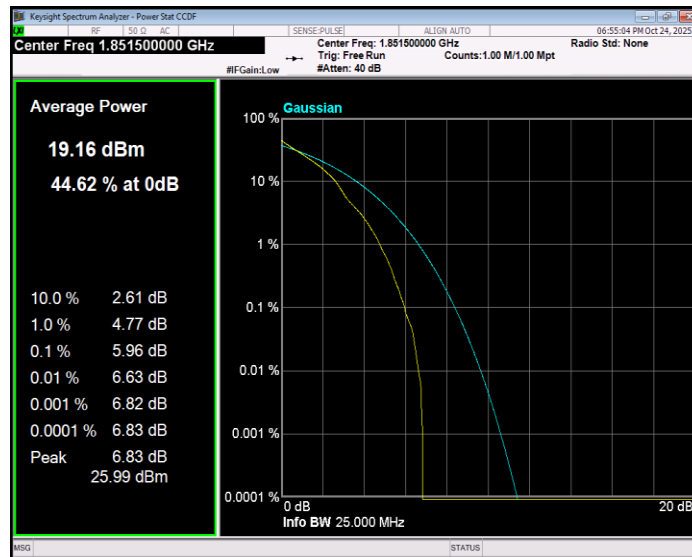
Band2 16QAM BW=1.4MHz Channel=19193 RB Size=1 Position=#0



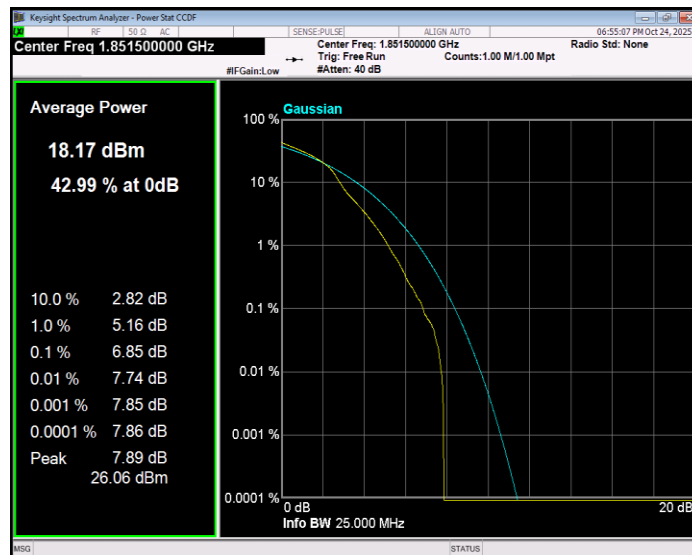


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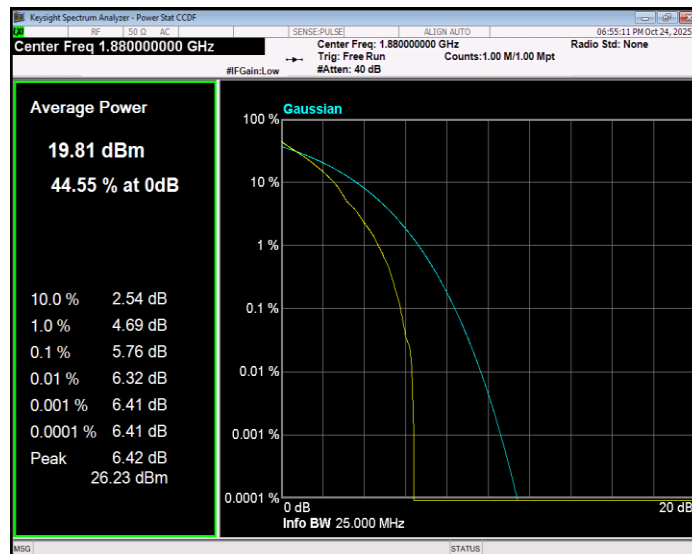
Band2 QPSK BW=3MHz Channel=18615 RB Size=1 Position=#0



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



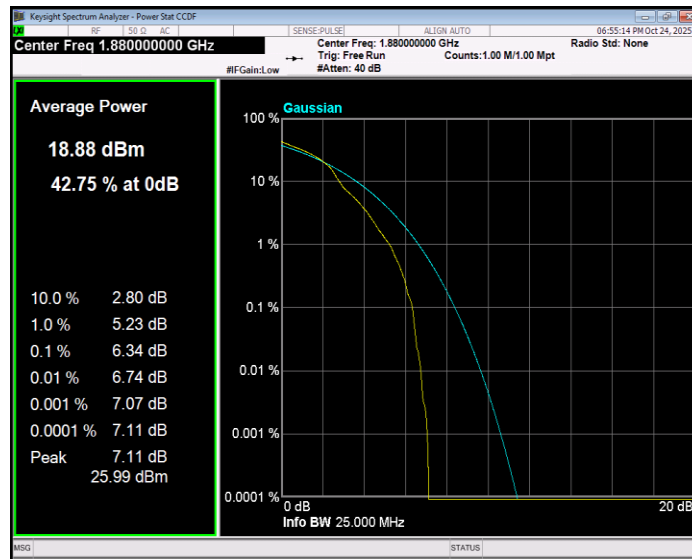
Band2 QPSK BW=3MHz Channel=18900 RB Size=1 Position=#0



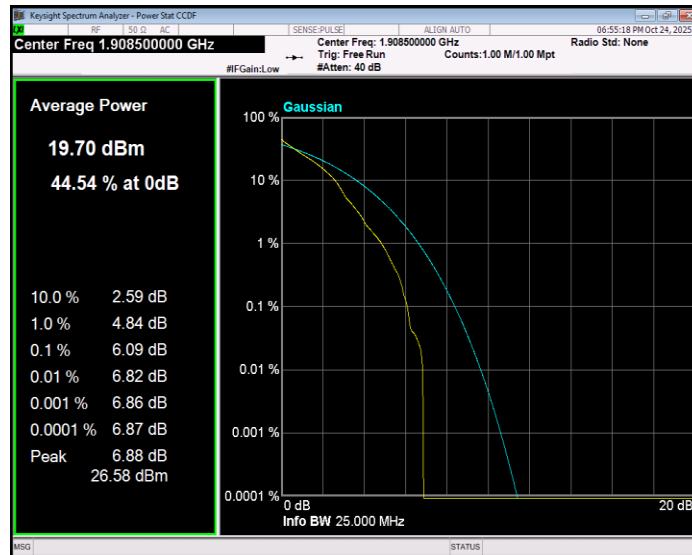


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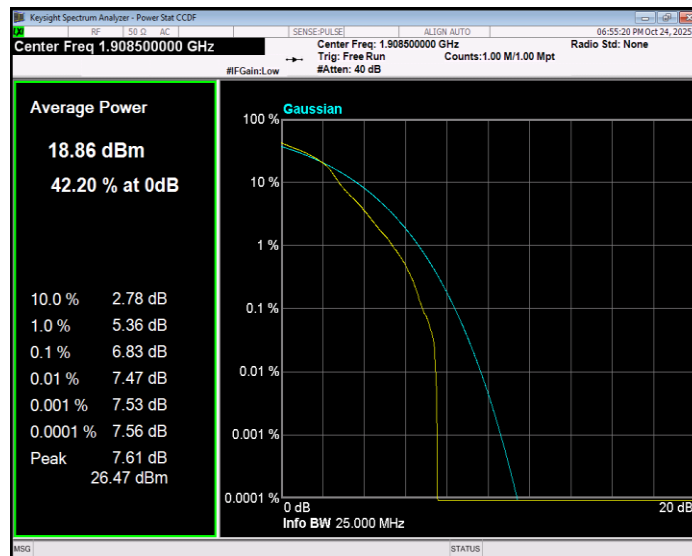
Band2 16QAM BW=3MHz Channel=18900 RB Size=1 Position=#0



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



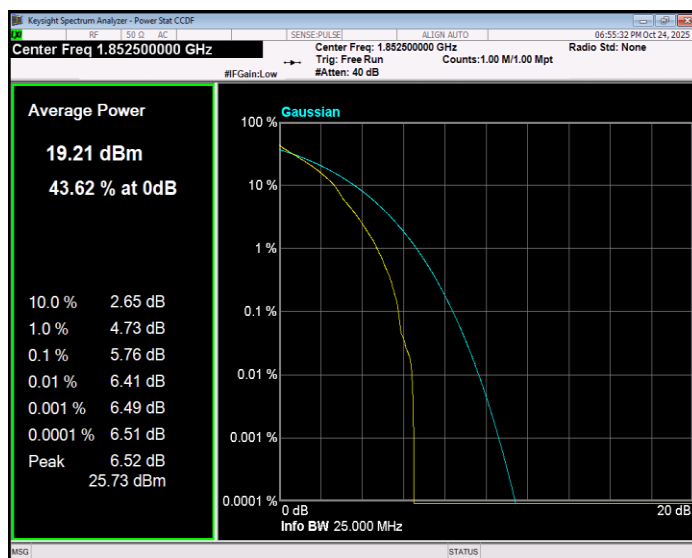
Band2 16QAM BW=3MHz Channel=19185 RB Size=1 Position=#0



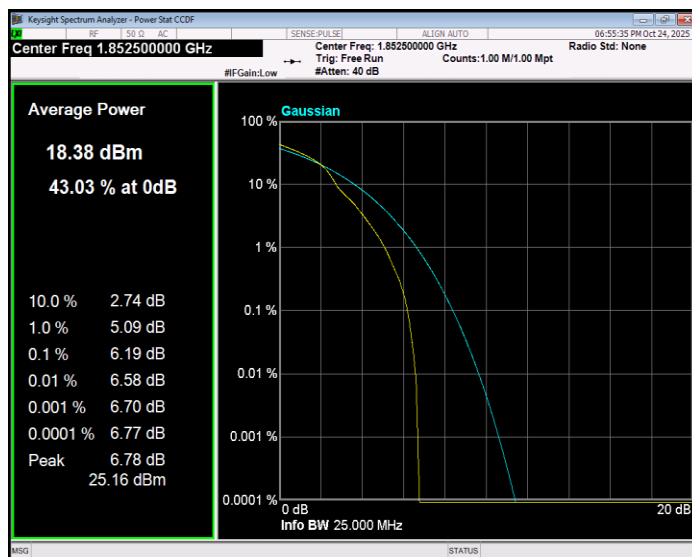


Report

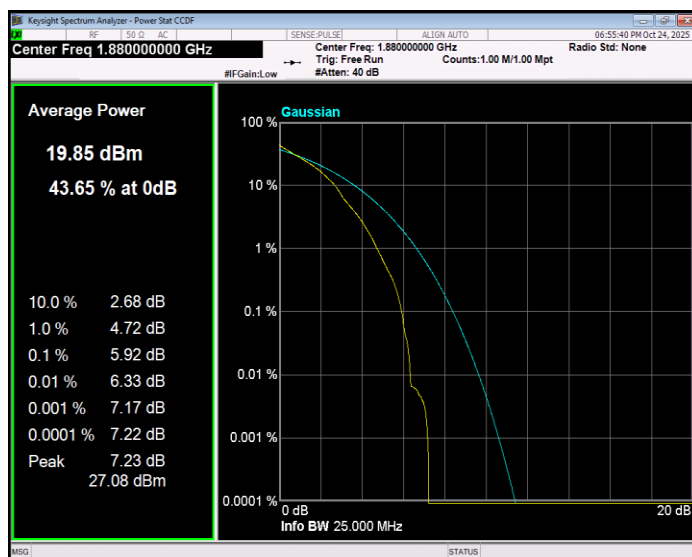
Band2 QPSK BW=5MHz Channel=18625 RB Size=1 Position=#0



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



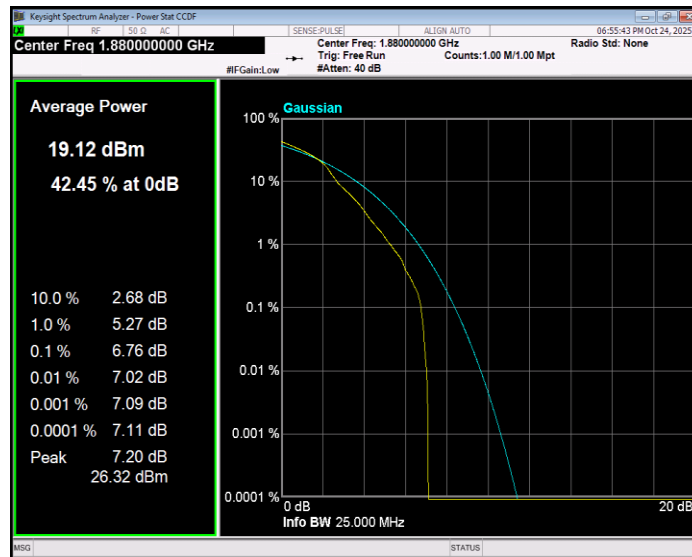
Band2 QPSK BW=5MHz Channel=18900 RB Size=1 Position=#0



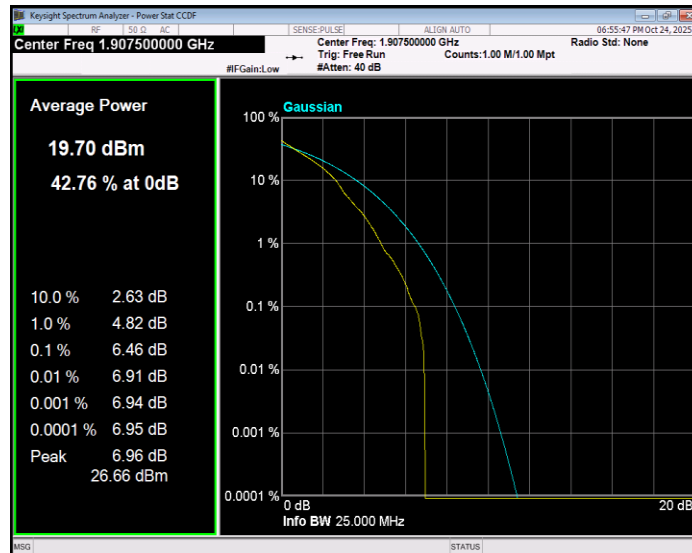


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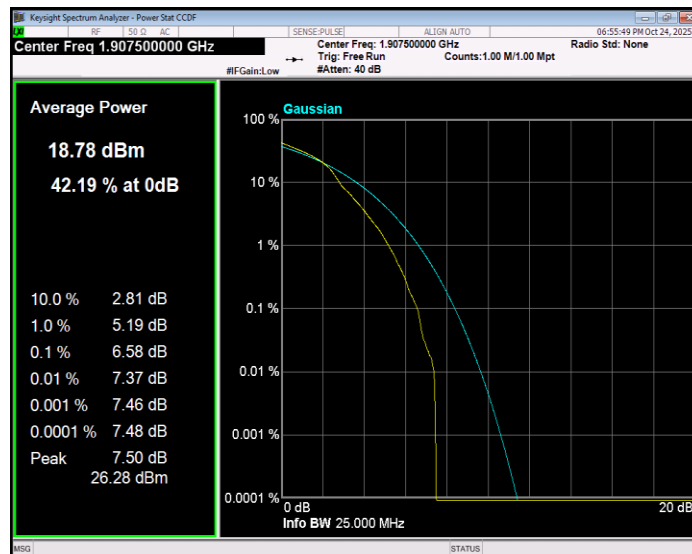
Band2 16QAM BW=5MHz Channel=18900 RB Size=1 Position=#0



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



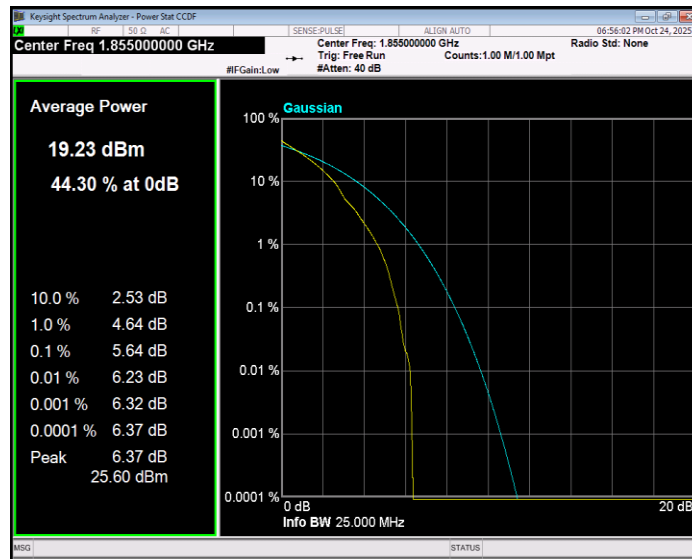
Band2 16QAM BW=5MHz Channel=19175 RB Size=1 Position=#0



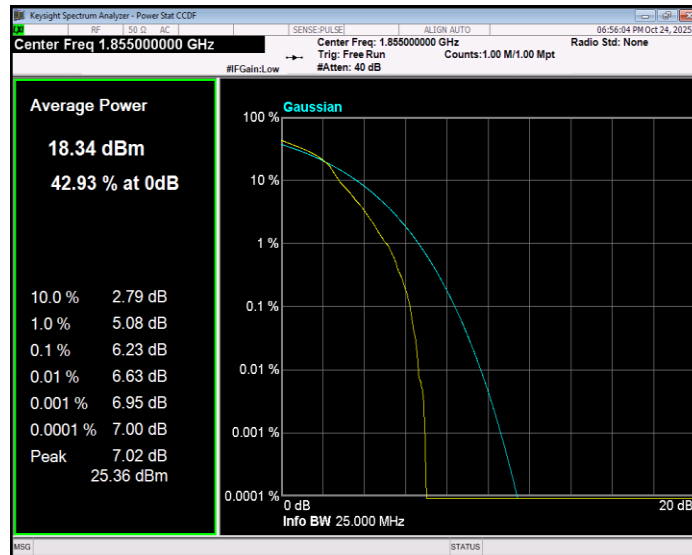


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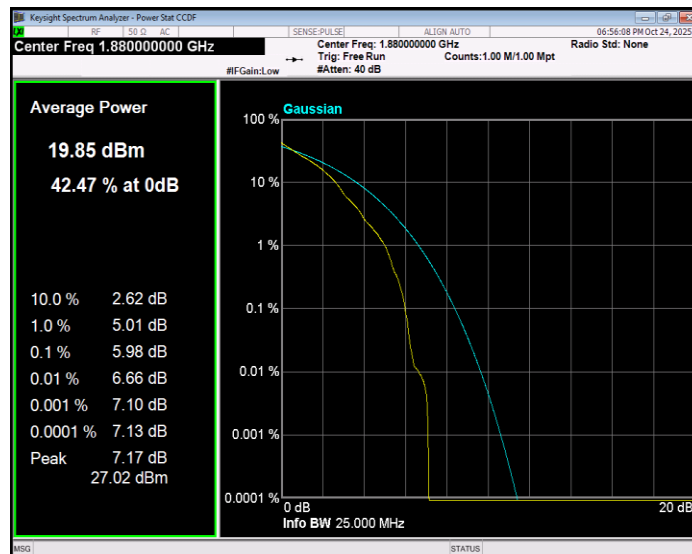
Band2 QPSK BW=10MHz Channel=18650 RB Size=1 Position=#0



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



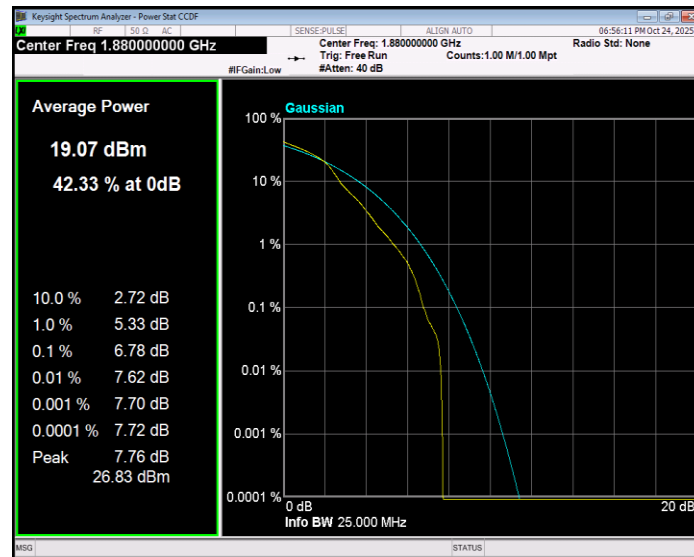
Band2 QPSK BW=10MHz Channel=18900 RB Size=1 Position=#0



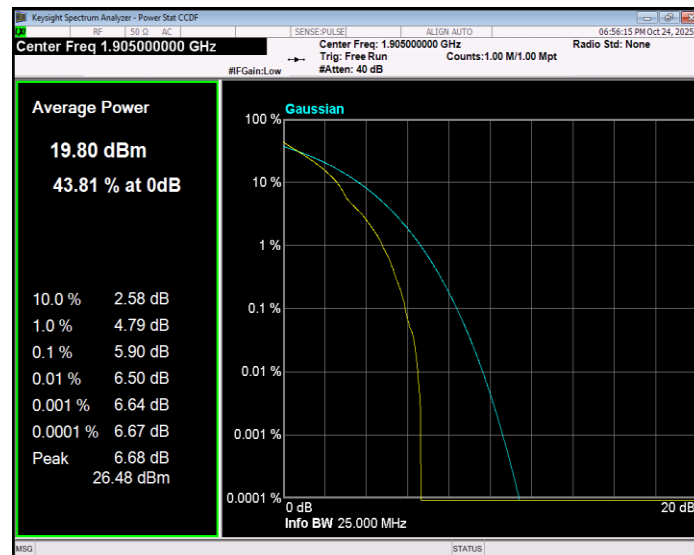


Report

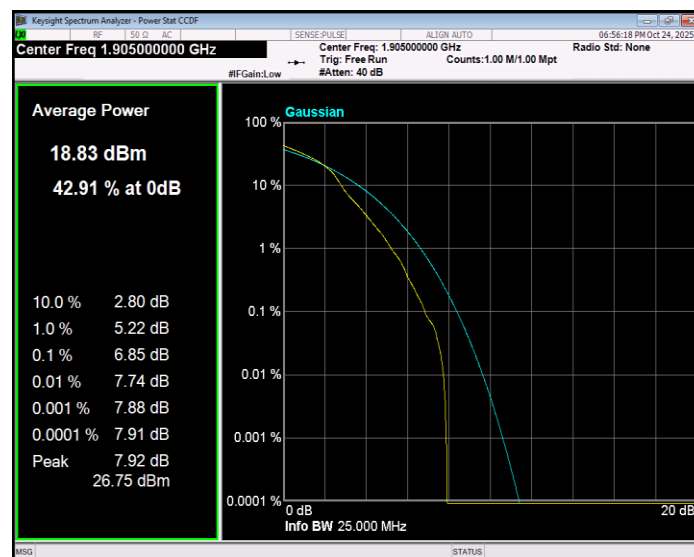
Band2 16QAM BW=10MHz Channel=18900 RB Size=1 Position=#0



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



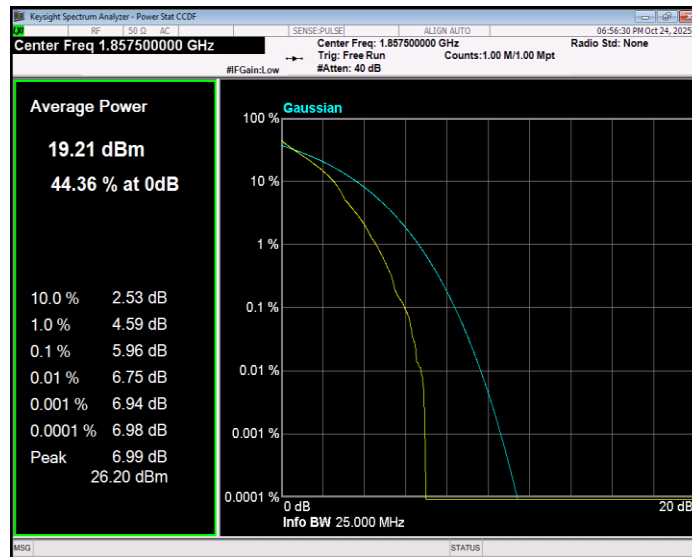
Band2 16QAM BW=10MHz Channel=19150 RB Size=1 Position=#0



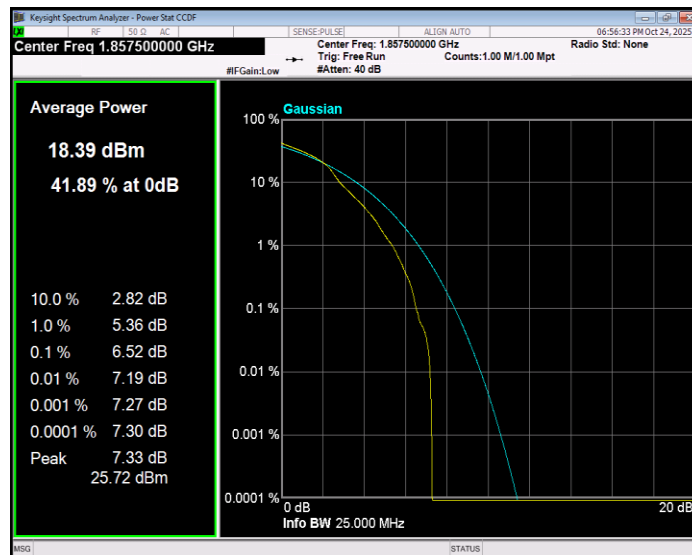


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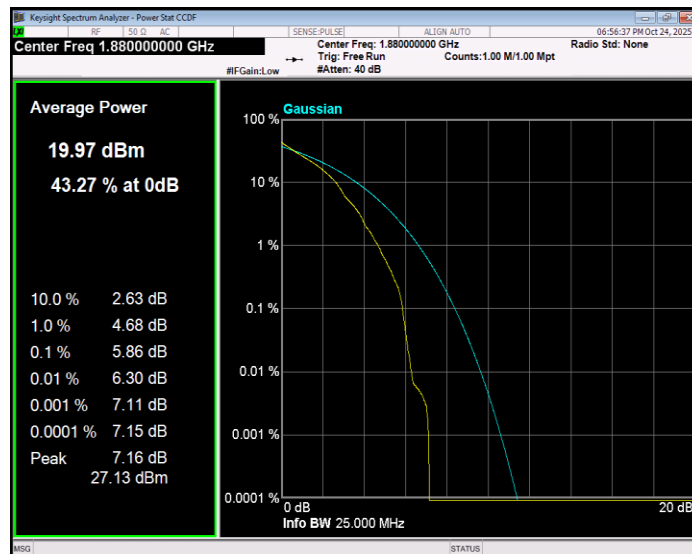
Band2 QPSK BW=15MHz Channel=18675 RB Size=1 Position=#0



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



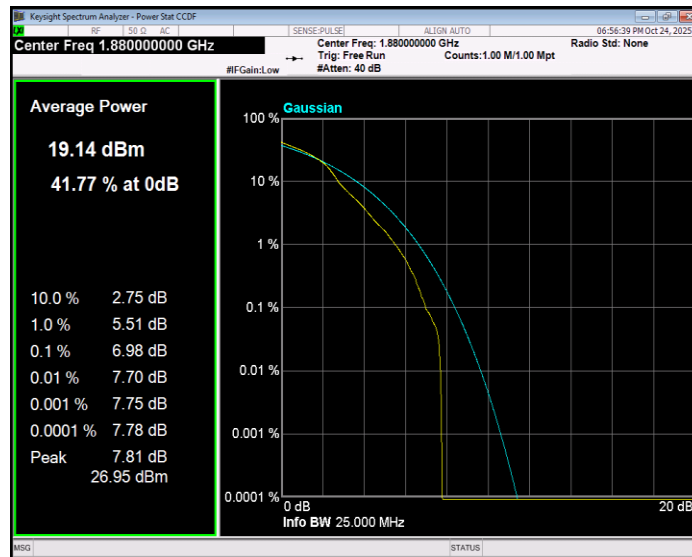
Band2 QPSK BW=15MHz Channel=18900 RB Size=1 Position=#0



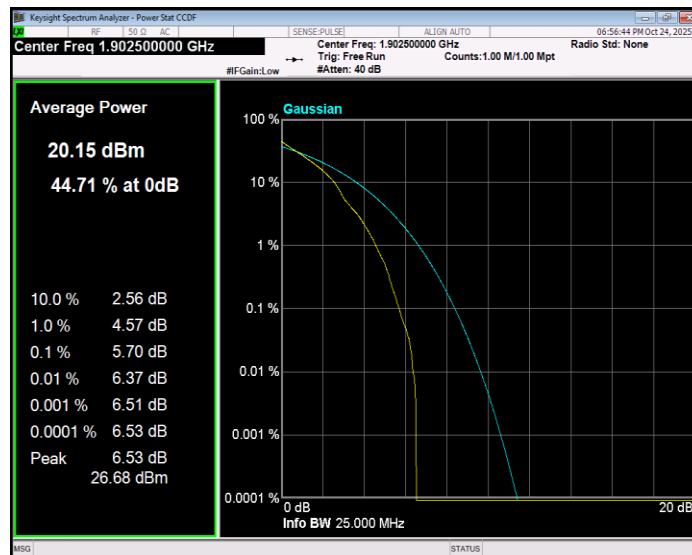


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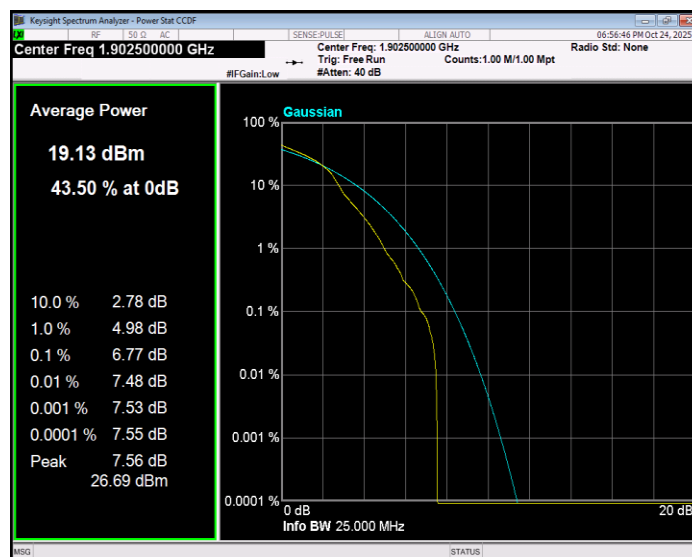
Band2 16QAM BW=15MHz Channel=18900 RB Size=1 Position=#0



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



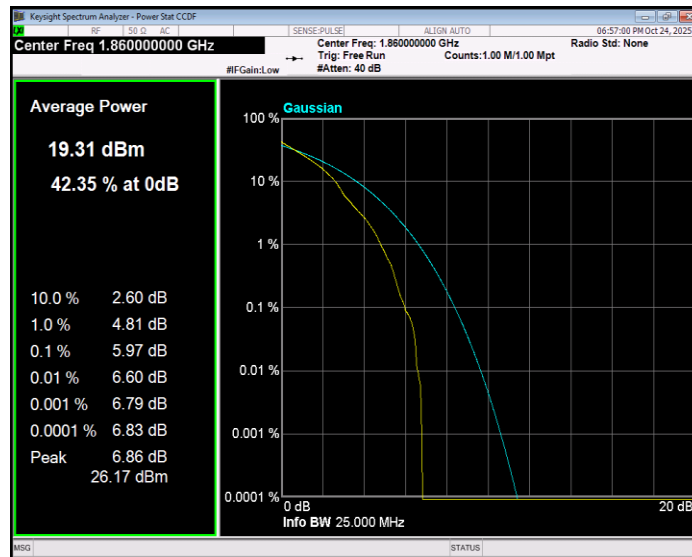
Band2 16QAM BW=15MHz Channel=19125 RB Size=1 Position=#0



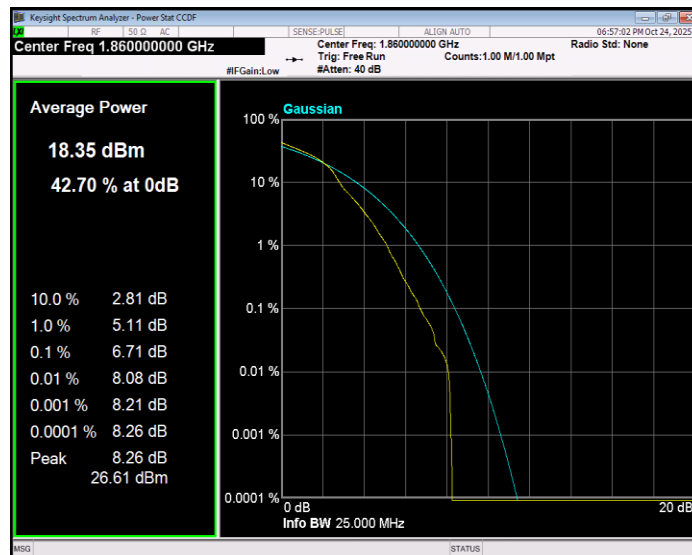


Report

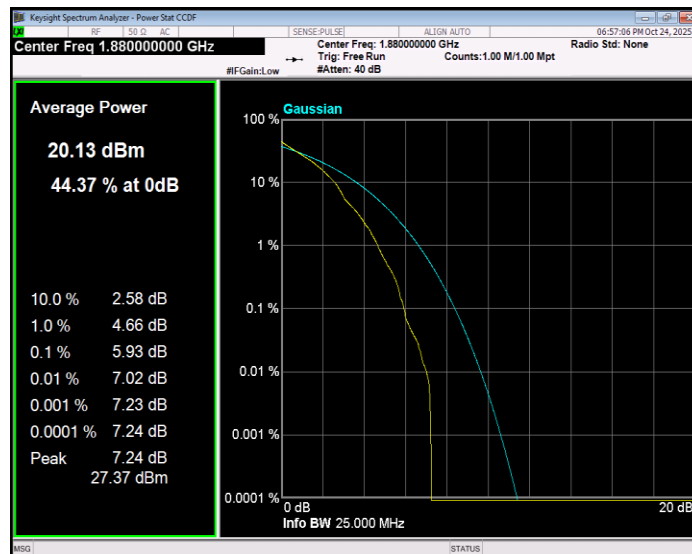
Band2 QPSK BW=20MHz Channel=18700 RB Size=1 Position=#0



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



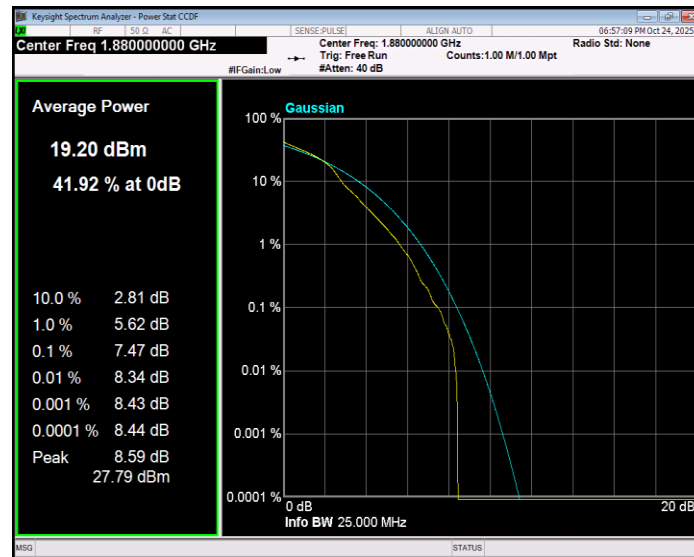
Band2 QPSK BW=20MHz Channel=18900 RB Size=1 Position=#0



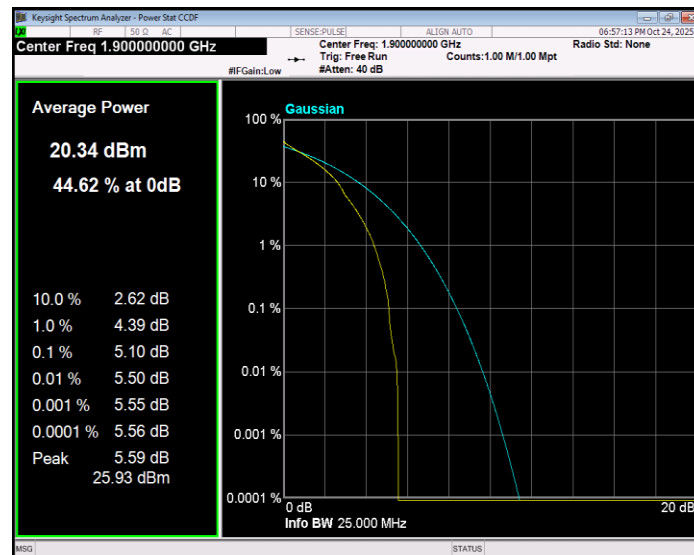


Report

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



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



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

