FCC LTE Band4 Test Data

General Description of EUT	
Product Name:	4G Smartphone
Test Model:	Connect Pro
Sample ID:	202304-0231-9-#2
Environmental Conditions	
Temperature:	25℃
Relative Humidity:	55%
Test Voltage:	DC 3.8V
Test Engineer:	Huang jian ping
Note: For a more detailed features description, please refer to the report TBR-C-202304-0231-106 The report only show the worst case data.	

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1. Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	21.34	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	21.45	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	21.32	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	21.46	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	21.40	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	21.47	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	20.41	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	21.21	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	21.36	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	21.18	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	21.29	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	21.26	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	21.29	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	20.22	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	21.13	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	21.26	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	21.10	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	21.19	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	21.19	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	21.21	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	20.16	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	20.49	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	20.65	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	20.48	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	20.35	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	20.35	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	20.30	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	19.28	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	20.12	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	20.29	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	20.11	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	20.10	PASS

Band4	1.4MHz	16QAM	20175	3RB#1	20.10	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	20.05	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	19.24	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	20.26	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	20.37	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	20.25	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	20.09	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	20.07	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	20.09	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	19.25	PASS
Band4	3MHz	QPSK	19965	1RB#0	21.43	PASS
Band4	3MHz	QPSK	19965	1RB#8	21.42	PASS
Band4	3MHz	QPSK	19965	1RB#14	21.41	PASS
Band4	3MHz	QPSK	19965	8RB#0	20.42	PASS
Band4	3MHz	QPSK	19965	8RB#4	20.41	PASS
Band4	3MHz	QPSK	19965	8RB#7	20.43	PASS
Band4	3MHz	QPSK	19965	15RB#0	20.44	PASS
Band4	3MHz	QPSK	20175	1RB#0	21.30	PASS
Band4	3MHz	QPSK	20175	1RB#8	21.35	PASS
Band4	3MHz	QPSK	20175	1RB#14	21.25	PASS
Band4	3MHz	QPSK	20175	8RB#0	20.31	PASS
Band4	3MHz	QPSK	20175	8RB#4	20.30	PASS
Band4	3MHz	QPSK	20175	8RB#7	20.22	PASS
Band4	3MHz	QPSK	20175	15RB#0	20.27	PASS
Band4	3MHz	QPSK	20385	1RB#0	21.31	PASS
Band4	3MHz	QPSK	20385	1RB#8	21.28	PASS
Band4	3MHz	QPSK	20385	1RB#14	21.28	PASS
Band4	3MHz	QPSK	20385	8RB#0	20.28	PASS
Band4	3MHz	QPSK	20385	8RB#4	20.29	PASS
Band4	3MHz	QPSK	20385	8RB#7	20.25	PASS
Band4	3MHz	QPSK	20385	15RB#0	20.27	PASS
Band4	3MHz	16QAM	19965	1RB#0	20.63	PASS
Band4	3MHz	16QAM	19965	1RB#8	20.59	PASS
Band4	3MHz	16QAM	19965	1RB#14	20.57	PASS
Band4	3MHz	16QAM	19965	8RB#0	19.47	PASS
Band4	3MHz	16QAM	19965	8RB#4	19.44	PASS
Band4	3MHz	16QAM	19965	8RB#7	19.46	PASS

Band4	3MHz	16QAM	19965	15RB#0	19.42	PASS
Band4	3MHz	16QAM	20175	1RB#0	20.58	PASS
Band4	3MHz	16QAM	20175	1RB#8	20.43	PASS
Band4	3MHz	16QAM	20175	1RB#14	20.42	PASS
Band4	3MHz	16QAM	20175	8RB#0	19.27	PASS
Band4	3MHz	16QAM	20175	8RB#4	19.28	PASS
Band4	3MHz	16QAM	20175	8RB#7	19.30	PASS
Band4	3MHz	16QAM	20175	15RB#0	19.18	PASS
Band4	3MHz	16QAM	20385	1RB#0	20.17	PASS
Band4	3MHz	16QAM	20385	1RB#8	20.13	PASS
Band4	3MHz	16QAM	20385	1RB#14	20.21	PASS
Band4	3MHz	16QAM	20385	8RB#0	19.28	PASS
Band4	3MHz	16QAM	20385	8RB#4	19.29	PASS
Band4	3MHz	16QAM	20385	8RB#7	19.28	PASS
Band4	3MHz	16QAM	20385	15RB#0	19.15	PASS
Band4	5MHz	QPSK	19975	1RB#0	21.26	PASS
Band4	5MHz	QPSK	19975	1RB#12	21.40	PASS
Band4	5MHz	QPSK	19975	1RB#24	21.33	PASS
Band4	5MHz	QPSK	19975	12RB#0	20.30	PASS
Band4	5MHz	QPSK	19975	12RB#6	20.34	PASS
Band4	5MHz	QPSK	19975	12RB#13	20.37	PASS
Band4	5MHz	QPSK	19975	25RB#0	20.34	PASS
Band4	5MHz	QPSK	20175	1RB#0	21.20	PASS
Band4	5MHz	QPSK	20175	1RB#12	21.29	PASS
Band4	5MHz	QPSK	20175	1RB#24	21.11	PASS
Band4	5MHz	QPSK	20175	12RB#0	20.20	PASS
Band4	5MHz	QPSK	20175	12RB#6	20.21	PASS
Band4	5MHz	QPSK	20175	12RB#13	20.12	PASS
Band4	5MHz	QPSK	20175	25RB#0	20.22	PASS
Band4	5MHz	QPSK	20375	1RB#0	21.18	PASS
Band4	5MHz	QPSK	20375	1RB#12	21.34	PASS
Band4	5MHz	QPSK	20375	1RB#24	21.21	PASS
Band4	5MHz	QPSK	20375	12RB#0	20.16	PASS
Band4	5MHz	QPSK	20375	12RB#6	20.13	PASS
Band4	5MHz	QPSK	20375	12RB#13	20.18	PASS
Band4	5MHz	QPSK	20375	25RB#0	20.15	PASS
Band4	5MHz	16QAM	19975	1RB#0	20.36	PASS

Band4	5MHz	16QAM	19975	1RB#12	20.43	PASS
Band4	5MHz	16QAM	19975	1RB#24	20.36	PASS
Band4	5MHz	16QAM	19975	12RB#0	19.32	PASS
Band4	5MHz	16QAM	19975	12RB#6	19.28	PASS
Band4	5MHz	16QAM	19975	12RB#13	19.34	PASS
Band4	5MHz	16QAM	19975	25RB#0	19.39	PASS
Band4	5MHz	16QAM	20175	1RB#0	20.40	PASS
Band4	5MHz	16QAM	20175	1RB#12	20.48	PASS
Band4	5MHz	16QAM	20175	1RB#24	20.35	PASS
Band4	5MHz	16QAM	20175	12RB#0	19.19	PASS
Band4	5MHz	16QAM	20175	12RB#6	19.21	PASS
Band4	5MHz	16QAM	20175	12RB#13	19.17	PASS
Band4	5MHz	16QAM	20175	25RB#0	19.12	PASS
Band4	5MHz	16QAM	20375	1RB#0	20.17	PASS
Band4	5MHz	16QAM	20375	1RB#12	20.31	PASS
Band4	5MHz	16QAM	20375	1RB#24	20.17	PASS
Band4	5MHz	16QAM	20375	12RB#0	19.16	PASS
Band4	5MHz	16QAM	20375	12RB#6	19.19	PASS
Band4	5MHz	16QAM	20375	12RB#13	19.19	PASS
Band4	5MHz	16QAM	20375	25RB#0	19.23	PASS
Band4	10MHz	QPSK	20000	1RB#0	21.33	PASS
Band4	10MHz	QPSK	20000	1RB#24	21.49	PASS
Band4	10MHz	QPSK	20000	1RB#49	21.37	PASS
Band4	10MHz	QPSK	20000	25RB#0	20.40	PASS
Band4	10MHz	QPSK	20000	25RB#12	20.38	PASS
Band4	10MHz	QPSK	20000	25RB#25	20.49	PASS
Band4	10MHz	QPSK	20000	50RB#0	20.37	PASS
Band4	10MHz	QPSK	20175	1RB#0	21.26	PASS
Band4	10MHz	QPSK	20175	1RB#24	21.29	PASS
Band4	10MHz	QPSK	20175	1RB#49	21.03	PASS
Band4	10MHz	QPSK	20175	25RB#0	20.30	PASS
Band4	10MHz	QPSK	20175	25RB#12	20.28	PASS
Band4	10MHz	QPSK	20175	25RB#25	20.20	PASS
Band4	10MHz	QPSK	20175	50RB#0	20.22	PASS
Band4	10MHz	QPSK	20350	1RB#0	21.03	PASS
Band4	10MHz	QPSK	20350	1RB#24	21.28	PASS
Band4	10MHz	QPSK	20350	1RB#49	21.19	PASS

Band4	10MHz	QPSK	20350	25RB#0	20.14	PASS
Band4	10MHz	QPSK	20350	25RB#12	20.17	PASS
Band4	10MHz	QPSK	20350	25RB#25	20.21	PASS
Band4	10MHz	QPSK	20350	50RB#0	20.17	PASS
Band4	10MHz	16QAM	20000	1RB#0	20.48	PASS
Band4	10MHz	16QAM	20000	1RB#24	20.75	PASS
Band4	10MHz	16QAM	20000	1RB#49	20.56	PASS
Band4	10MHz	16QAM	20000	25RB#0	19.35	PASS
Band4	10MHz	16QAM	20000	25RB#12	19.36	PASS
Band4	10MHz	16QAM	20000	25RB#25	19.45	PASS
Band4	10MHz	16QAM	20000	50RB#0	19.36	PASS
Band4	10MHz	16QAM	20175	1RB#0	20.41	PASS
Band4	10MHz	16QAM	20175	1RB#24	20.40	PASS
Band4	10MHz	16QAM	20175	1RB#49	20.20	PASS
Band4	10MHz	16QAM	20175	25RB#0	19.31	PASS
Band4	10MHz	16QAM	20175	25RB#12	19.30	PASS
Band4	10MHz	16QAM	20175	25RB#25	19.24	PASS
Band4	10MHz	16QAM	20175	50RB#0	19.23	PASS
Band4	10MHz	16QAM	20350	1RB#0	19.91	PASS
Band4	10MHz	16QAM	20350	1RB#24	20.20	PASS
Band4	10MHz	16QAM	20350	1RB#49	20.06	PASS
Band4	10MHz	16QAM	20350	25RB#0	19.20	PASS
Band4	10MHz	16QAM	20350	25RB#12	19.19	PASS
Band4	10MHz	16QAM	20350	25RB#25	19.23	PASS
Band4	10MHz	16QAM	20350	50RB#0	19.20	PASS
Band4	15MHz	QPSK	20025	1RB#0	21.15	PASS
Band4	15MHz	QPSK	20025	1RB#38	21.40	PASS
Band4	15MHz	QPSK	20025	1RB#74	21.10	PASS
Band4	15MHz	QPSK	20025	38RB#0	20.33	PASS
Band4	15MHz	QPSK	20025	38RB#18	20.32	PASS
Band4	15MHz	QPSK	20025	38RB#37	20.34	PASS
Band4	15MHz	QPSK	20025	75RB#0	20.30	PASS
Band4	15MHz	QPSK	20175	1RB#0	21.13	PASS
Band4	15MHz	QPSK	20175	1RB#38	21.22	PASS
Band4	15MHz	QPSK	20175	1RB#74	20.85	PASS
Band4	15MHz	QPSK	20175	38RB#0	20.18	PASS
Band4	15MHz	QPSK	20175	38RB#18	20.19	PASS

Band4	15MHz	QPSK	20175	38RB#37	20.15	PASS
Band4	15MHz	QPSK	20175	75RB#0	20.20	PASS
Band4	15MHz	QPSK	20325	1RB#0	20.91	PASS
Band4	15MHz	QPSK	20325	1RB#38	21.16	PASS
Band4	15MHz	QPSK	20325	1RB#74	21.05	PASS
Band4	15MHz	QPSK	20325	38RB#0	20.05	PASS
Band4	15MHz	QPSK	20325	38RB#18	20.07	PASS
Band4	15MHz	QPSK	20325	38RB#37	20.10	PASS
Band4	15MHz	QPSK	20325	75RB#0	20.06	PASS
Band4	15MHz	16QAM	20025	1RB#0	20.34	PASS
Band4	15MHz	16QAM	20025	1RB#38	20.56	PASS
Band4	15MHz	16QAM	20025	1RB#74	20.31	PASS
Band4	15MHz	16QAM	20025	38RB#0	20.32	PASS
Band4	15MHz	16QAM	20025	38RB#18	20.34	PASS
Band4	15MHz	16QAM	20025	38RB#37	20.30	PASS
Band4	15MHz	16QAM	20025	75RB#0	19.28	PASS
Band4	15MHz	16QAM	20175	1RB#0	20.47	PASS
Band4	15MHz	16QAM	20175	1RB#38	20.46	PASS
Band4	15MHz	16QAM	20175	1RB#74	20.13	PASS
Band4	15MHz	16QAM	20175	38RB#0	20.20	PASS
Band4	15MHz	16QAM	20175	38RB#18	20.22	PASS
Band4	15MHz	16QAM	20175	38RB#37	20.20	PASS
Band4	15MHz	16QAM	20175	75RB#0	19.14	PASS
Band4	15MHz	16QAM	20325	1RB#0	19.80	PASS
Band4	15MHz	16QAM	20325	1RB#38	20.03	PASS
Band4	15MHz	16QAM	20325	1RB#74	19.90	PASS
Band4	15MHz	16QAM	20325	38RB#0	20.07	PASS
Band4	15MHz	16QAM	20325	38RB#18	20.05	PASS
Band4	15MHz	16QAM	20325	38RB#37	20.03	PASS
Band4	15MHz	16QAM	20325	75RB#0	18.99	PASS
Band4	20MHz	QPSK	20050	1RB#0	21.09	PASS
Band4	20MHz	QPSK	20050	1RB#49	21.60	PASS
Band4	20MHz	QPSK	20050	1RB#99	21.09	PASS
Band4	20MHz	QPSK	20050	50RB#0	20.29	PASS
Band4	20MHz	QPSK	20050	50RB#25	20.29	PASS
Band4	20MHz	QPSK	20050	50RB#50	20.32	PASS
Band4	20MHz	QPSK	20050	100RB#0	20.24	PASS

Band4	20MHz	QPSK	20175	1RB#0	21.11	PASS
Band4	20MHz	QPSK	20175	1RB#49	21.37	PASS
Band4	20MHz	QPSK	20175	1RB#99	20.83	PASS
Band4	20MHz	QPSK	20175	50RB#0	20.30	PASS
Band4	20MHz	QPSK	20175	50RB#25	20.30	PASS
Band4	20MHz	QPSK	20175	50RB#50	20.16	PASS
Band4	20MHz	QPSK	20175	100RB#0	20.24	PASS
Band4	20MHz	QPSK	20300	1RB#0	20.68	PASS
Band4	20MHz	QPSK	20300	1RB#49	21.09	PASS
Band4	20MHz	QPSK	20300	1RB#99	20.84	PASS
Band4	20MHz	QPSK	20300	50RB#0	20.03	PASS
Band4	20MHz	QPSK	20300	50RB#25	20.06	PASS
Band4	20MHz	QPSK	20300	50RB#50	20.14	PASS
Band4	20MHz	QPSK	20300	100RB#0	20.09	PASS
Band4	20MHz	16QAM	20050	1RB#0	20.11	PASS
Band4	20MHz	16QAM	20050	1RB#49	20.64	PASS
Band4	20MHz	16QAM	20050	1RB#99	20.04	PASS
Band4	20MHz	16QAM	20050	50RB#0	19.27	PASS
Band4	20MHz	16QAM	20050	50RB#25	19.32	PASS
Band4	20MHz	16QAM	20050	50RB#50	19.30	PASS
Band4	20MHz	16QAM	20050	100RB#0	19.28	PASS
Band4	20MHz	16QAM	20175	1RB#0	20.26	PASS
Band4	20MHz	16QAM	20175	1RB#49	20.50	PASS
Band4	20MHz	16QAM	20175	1RB#99	20.04	PASS
Band4	20MHz	16QAM	20175	50RB#0	19.34	PASS
Band4	20MHz	16QAM	20175	50RB#25	19.35	PASS
Band4	20MHz	16QAM	20175	50RB#50	19.17	PASS
Band4	20MHz	16QAM	20175	100RB#0	19.17	PASS
Band4	20MHz	16QAM	20300	1RB#0	19.77	PASS
Band4	20MHz	16QAM	20300	1RB#49	20.17	PASS
Band4	20MHz	16QAM	20300	1RB#99	19.88	PASS
Band4	20MHz	16QAM	20300	50RB#0	19.11	PASS
Band4	20MHz	16QAM	20300	50RB#25	19.09	PASS
Band4	20MHz	16QAM	20300	50RB#50	19.16	PASS
Band4	20MHz	16QAM	20300	100RB#0	19.04	PASS

2. Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	5.15	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	5.28	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	5.32	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.49	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	5.03	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.55	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	5.96	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.07	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	6.12	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.25	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	5.76	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	6.37	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	4.95	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.36	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	5.15	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.50	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	5.10	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.53	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	5.85	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.09	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	5.95	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.37	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	5.68	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.28	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	5.29	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.44	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	5.48	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.59	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	5.27	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.59	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	5.89	13	PASS

Band4	5MHz	16QAM	19975	25RB#0	6.15	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	5.80	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.26	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	6.04	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	6.33	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	4.99	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.44	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	5.28	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.56	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	5.08	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.61	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	5.95	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.17	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	6.06	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.30	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	5.70	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.34	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	4.99	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.85	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	5.17	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.88	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	5.20	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.94	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	5.85	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.35	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	5.99	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.38	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	6.02	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.41	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	5.16	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.70	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	5.35	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.68	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	5.63	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.74	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	5.65	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.36	13	PASS

Band4	20MHz	16QAM	20175	1RB#0	5.82	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.34	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	6.52	13	PASS
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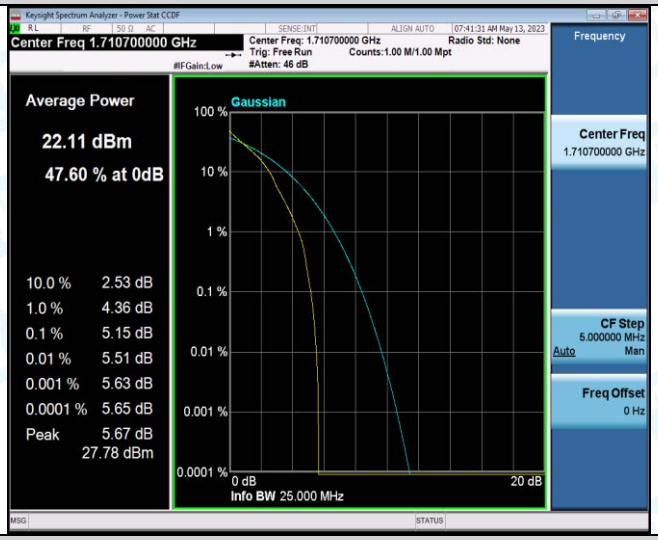
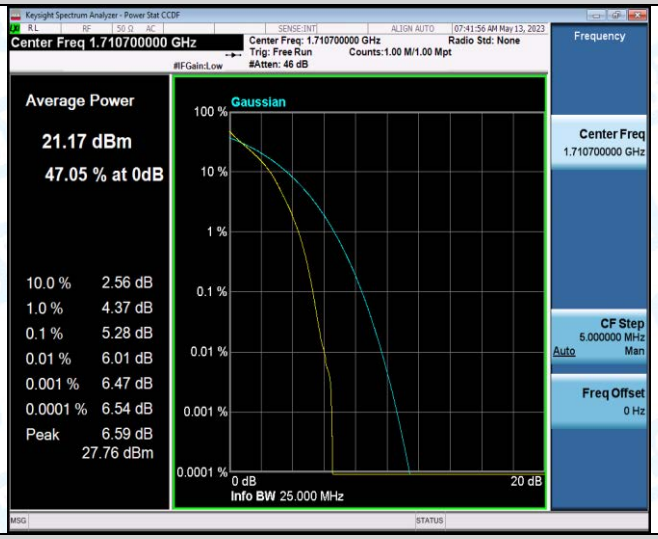
Test Graphs

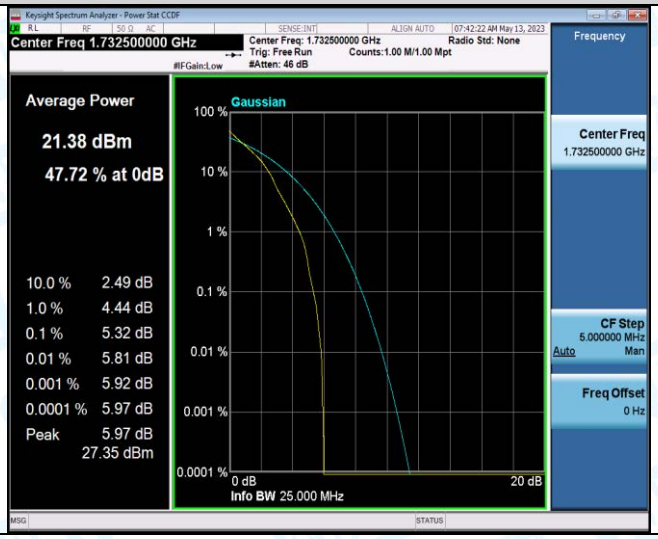
Band4-1.4MHz-QPSK-19957-1RB#0



Band4-1.4MHz-QPSK-19957-6RB#0



Band4-1.4MHz-QPSK-20175-1RB#0



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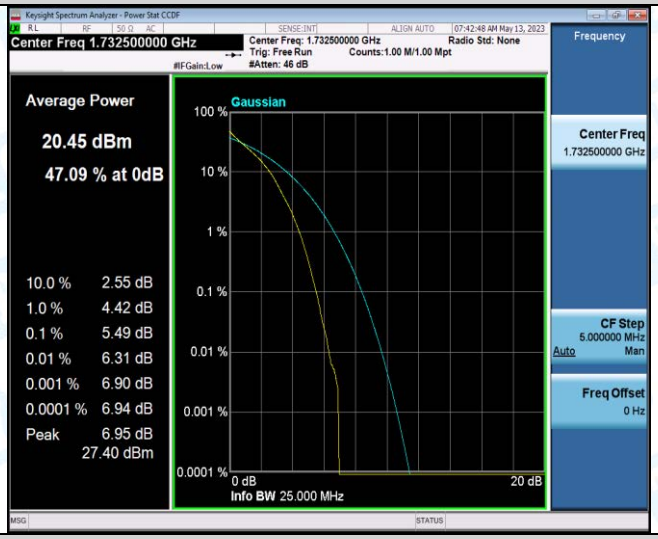

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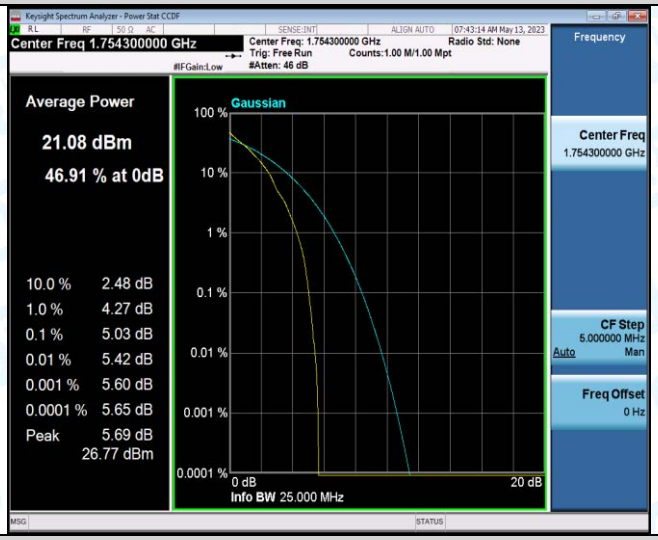

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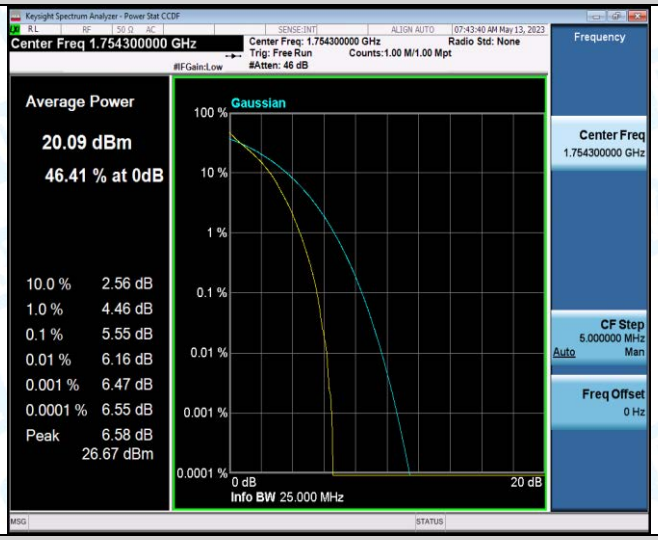

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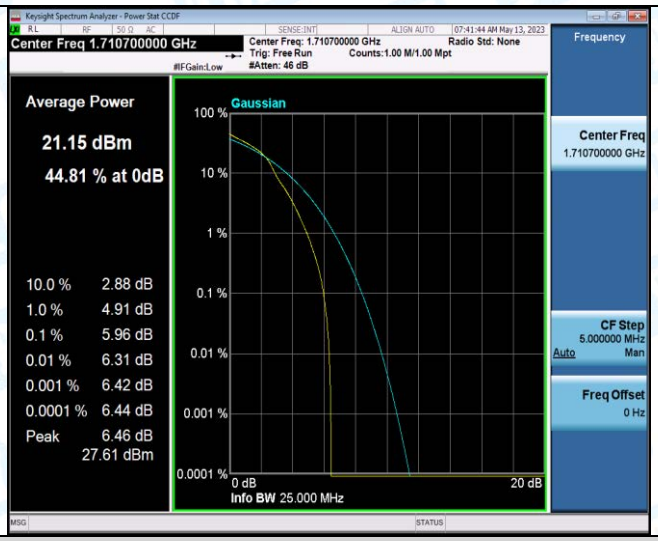

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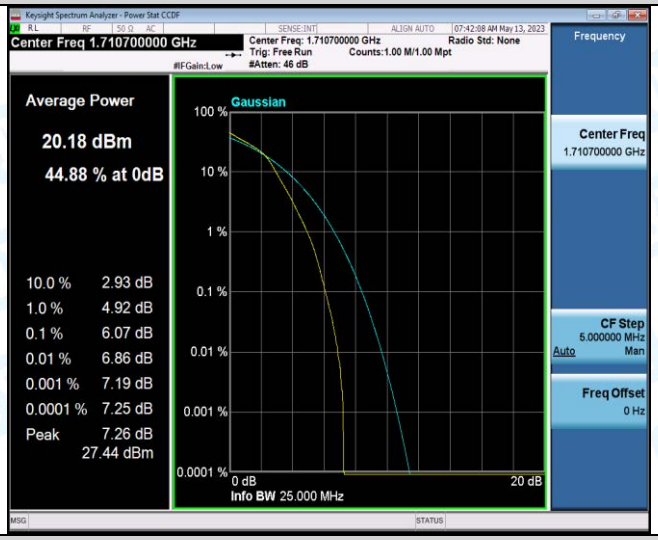

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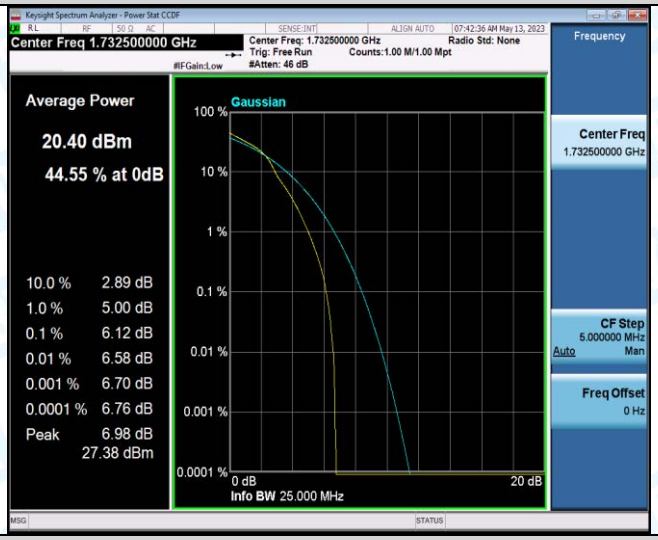

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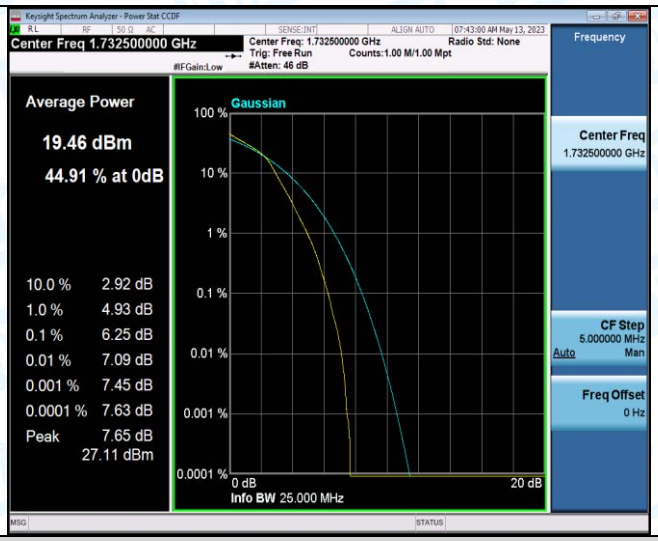

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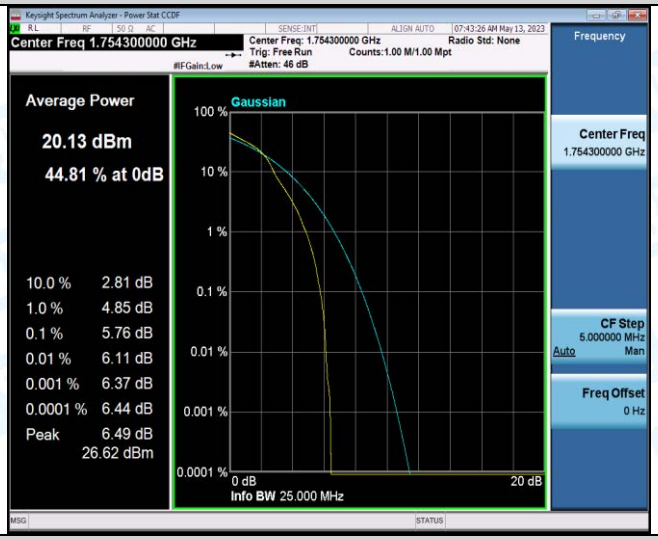

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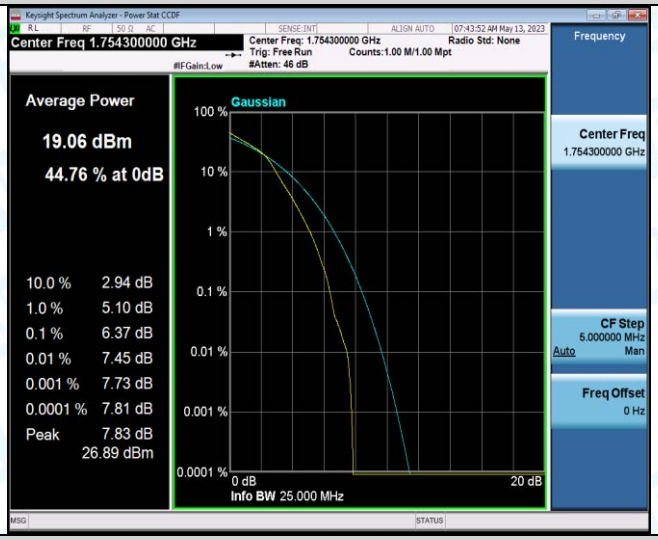

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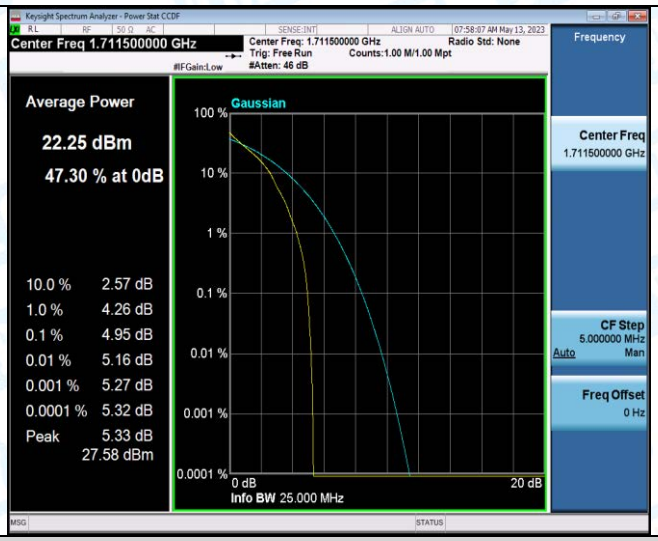

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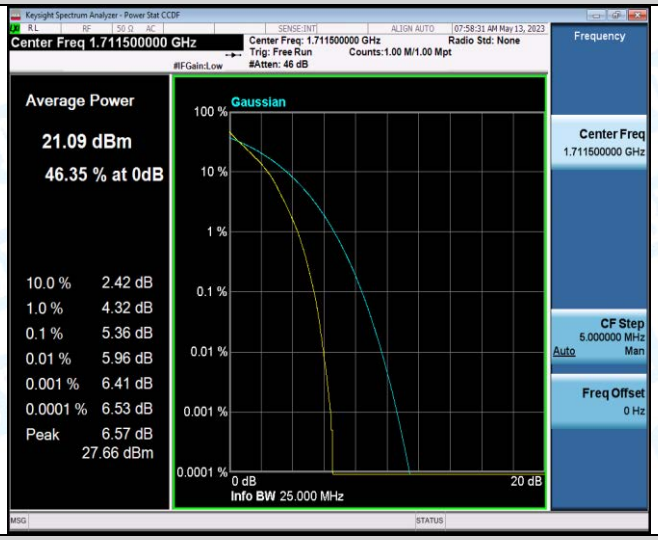

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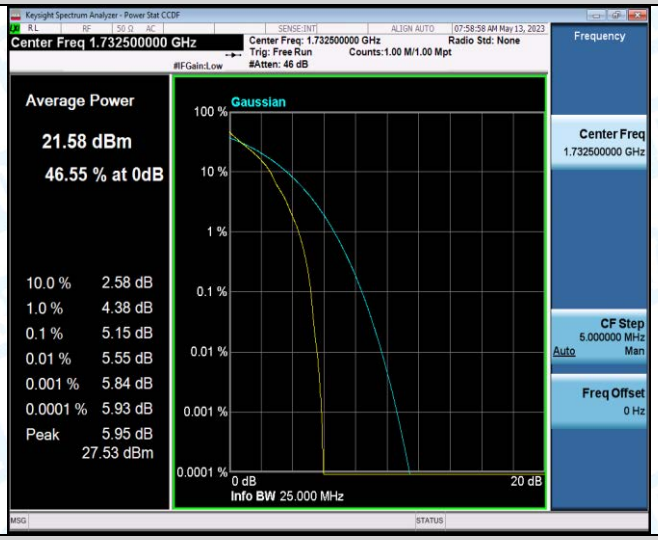

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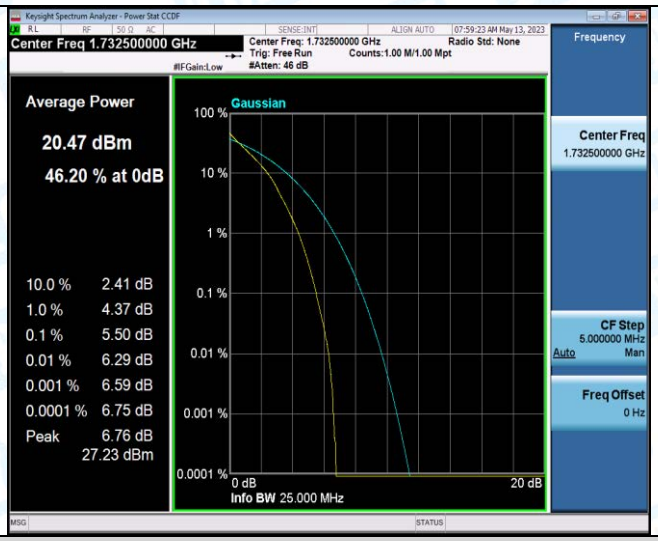

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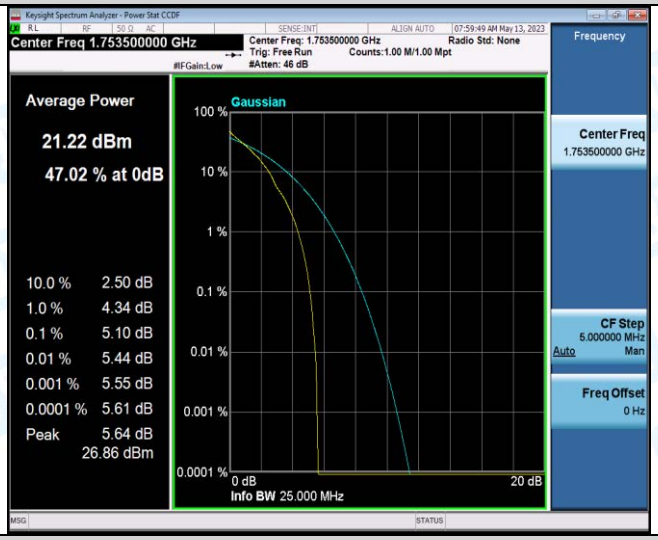

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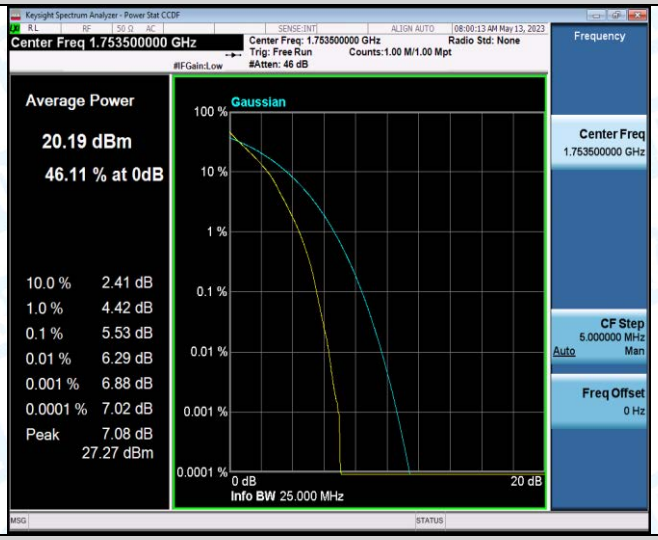

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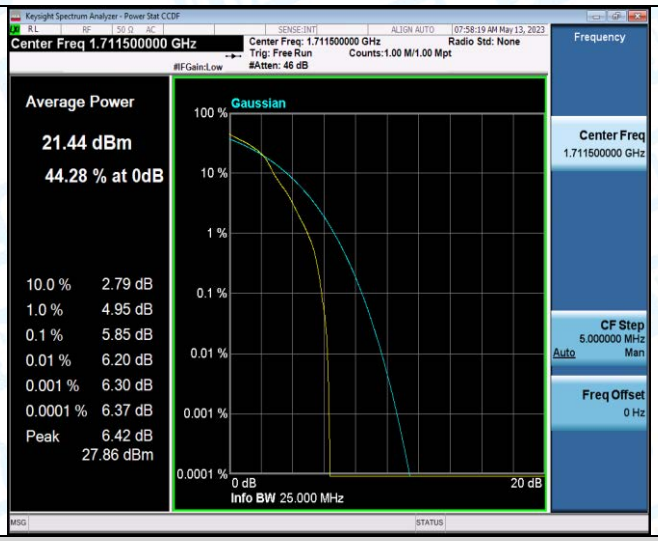

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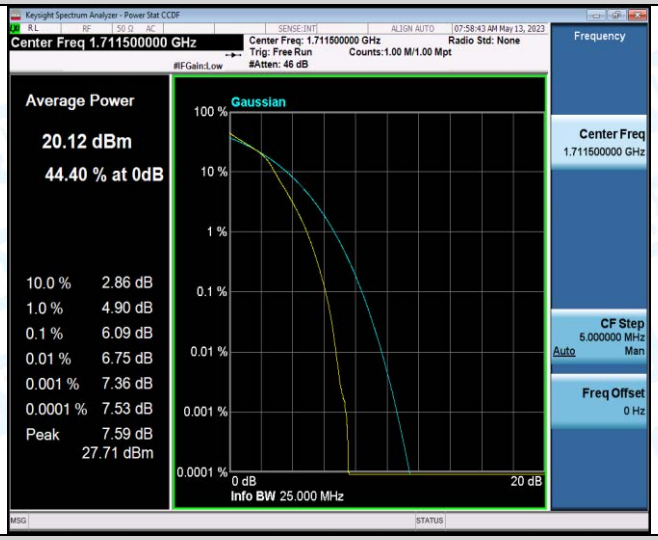

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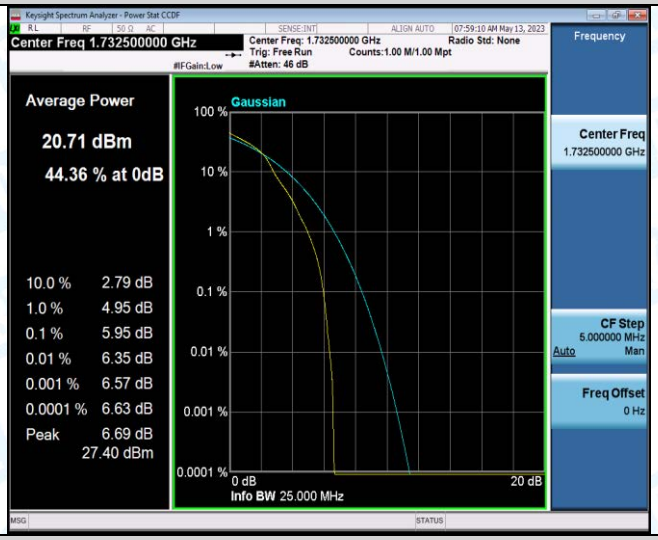

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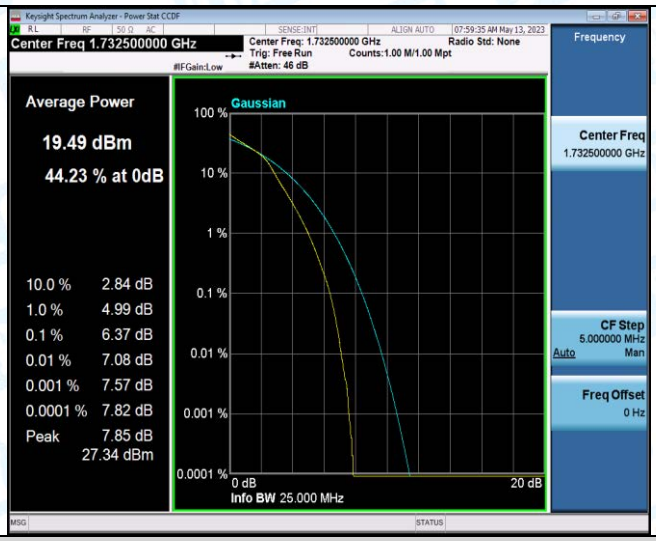

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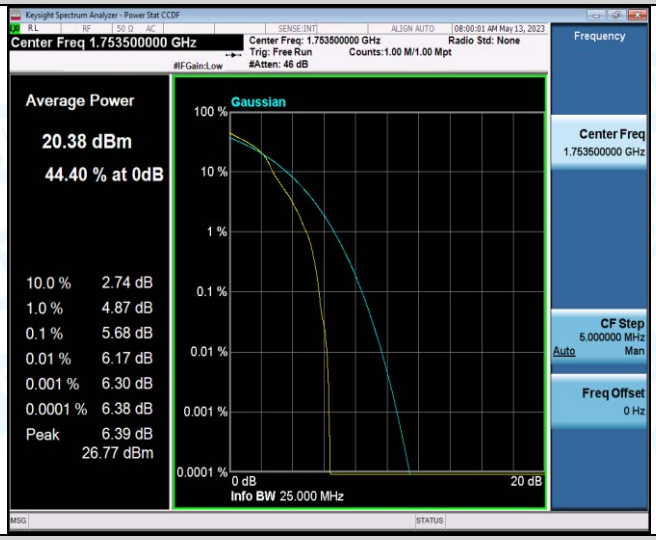

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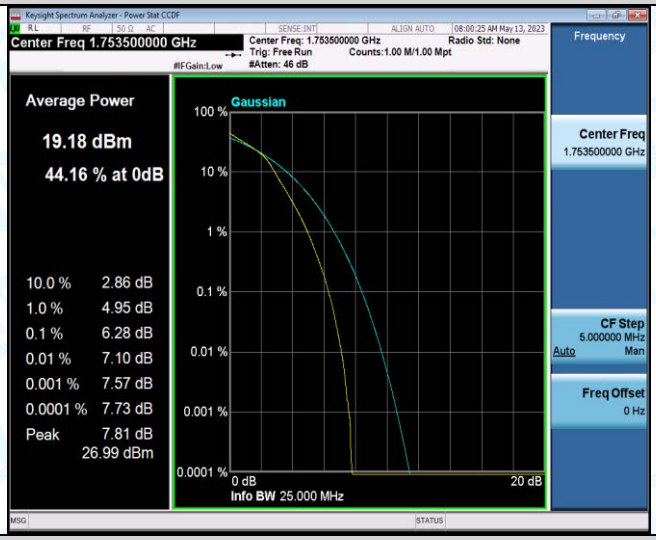

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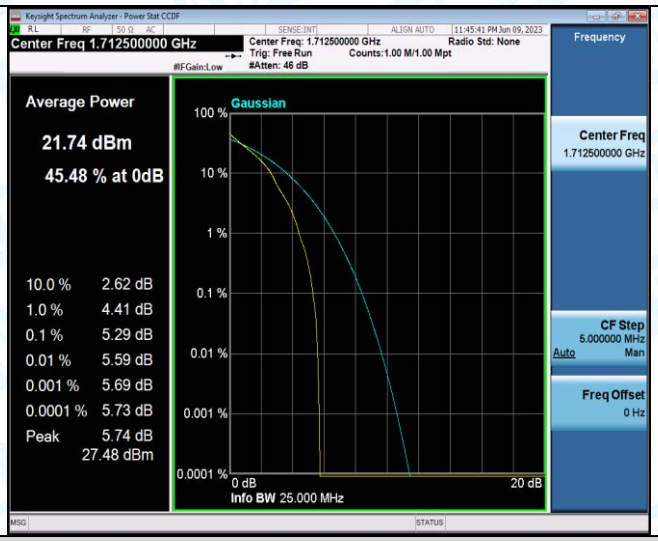

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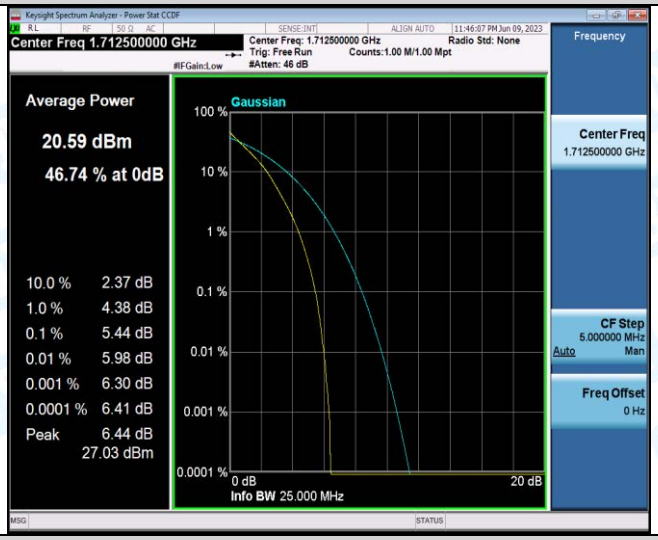

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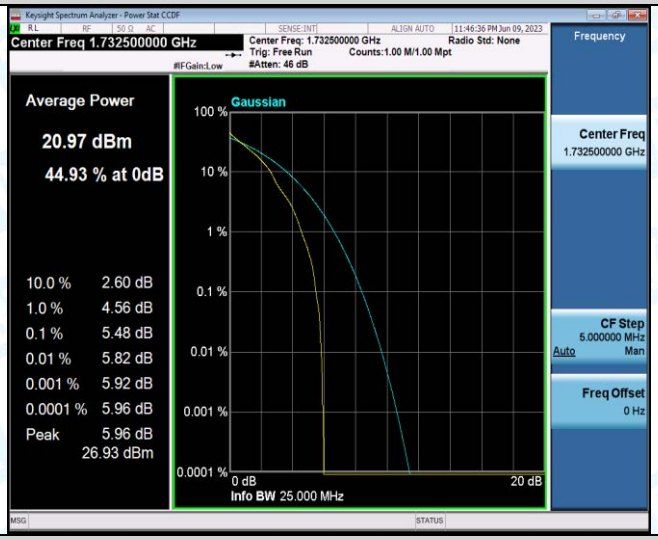

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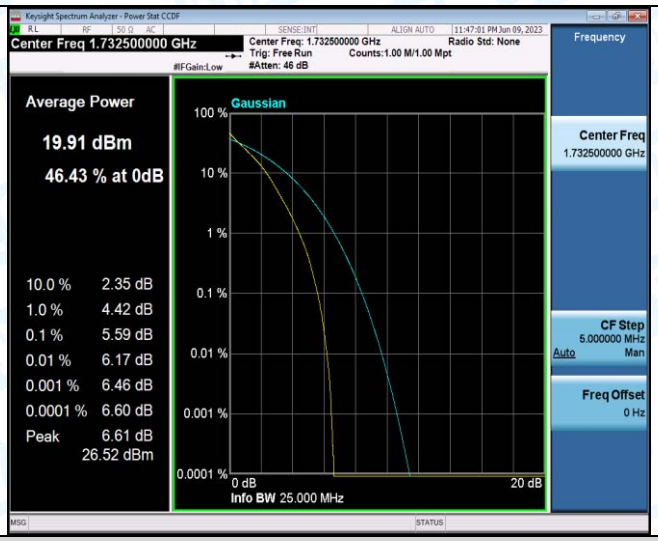

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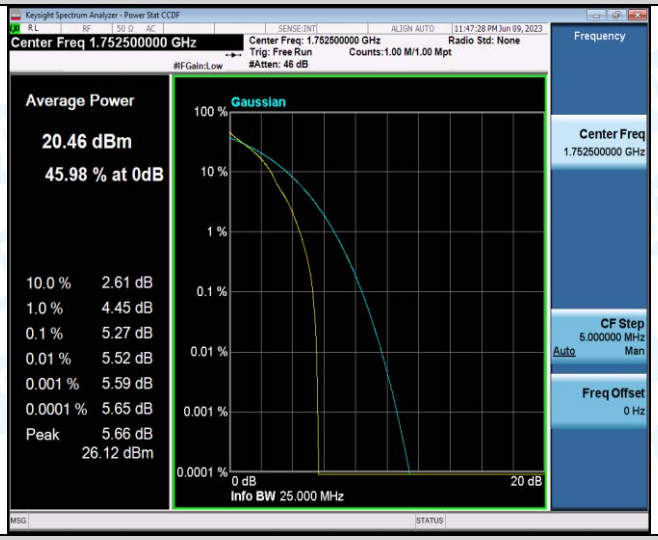

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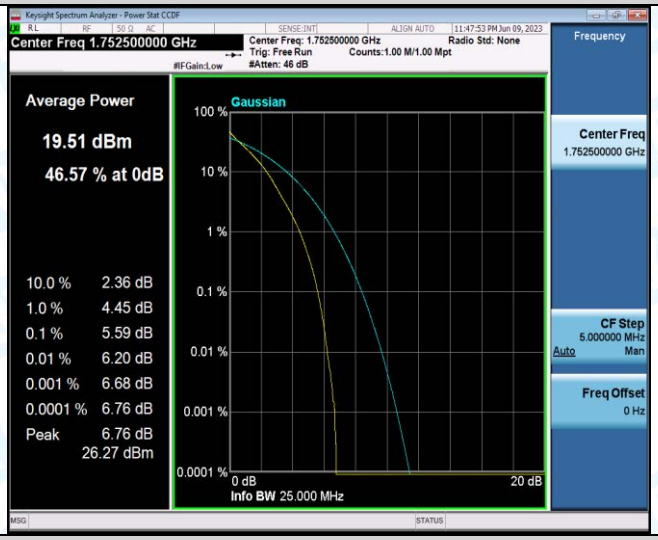

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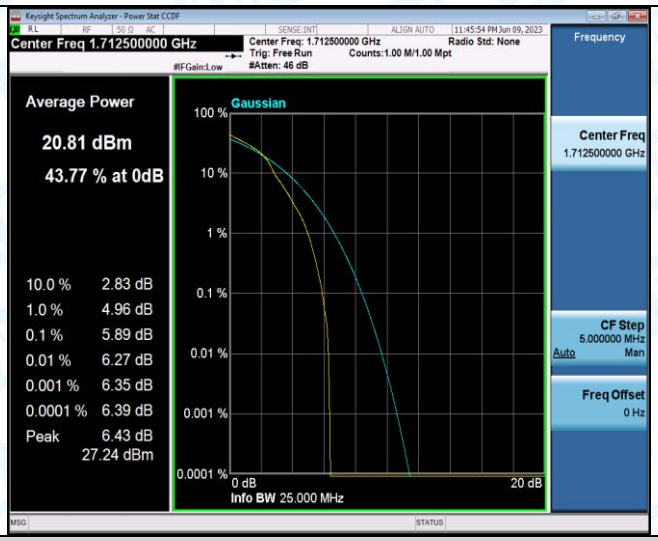

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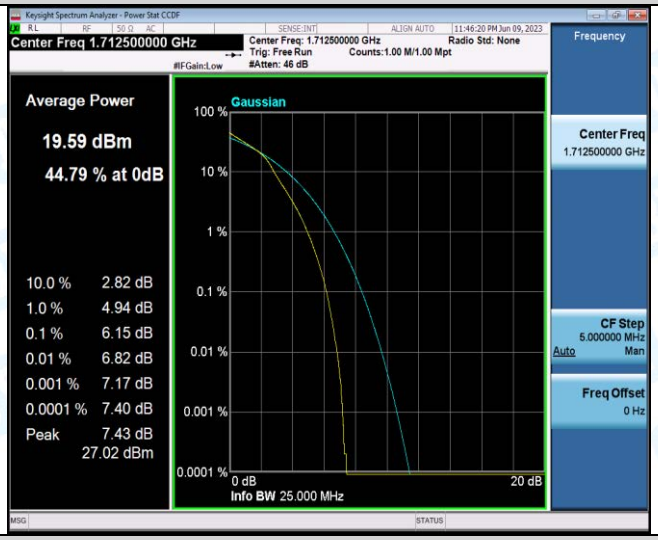

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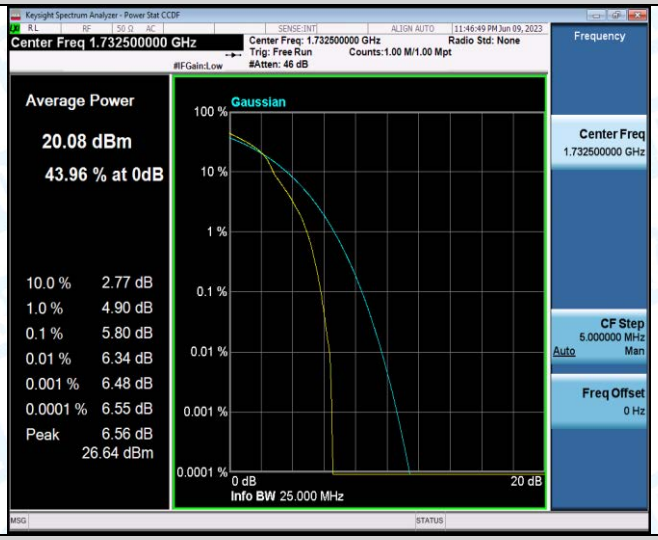

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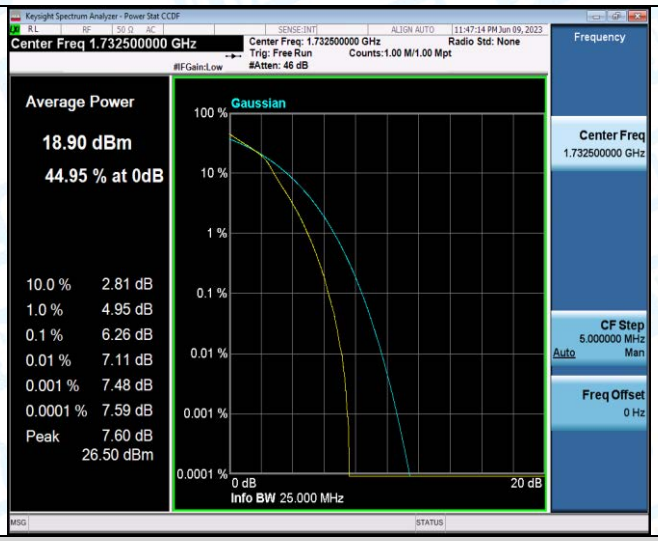

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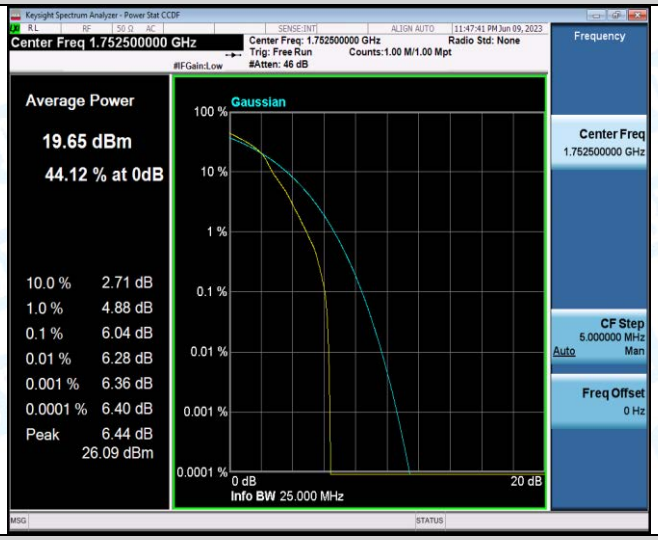

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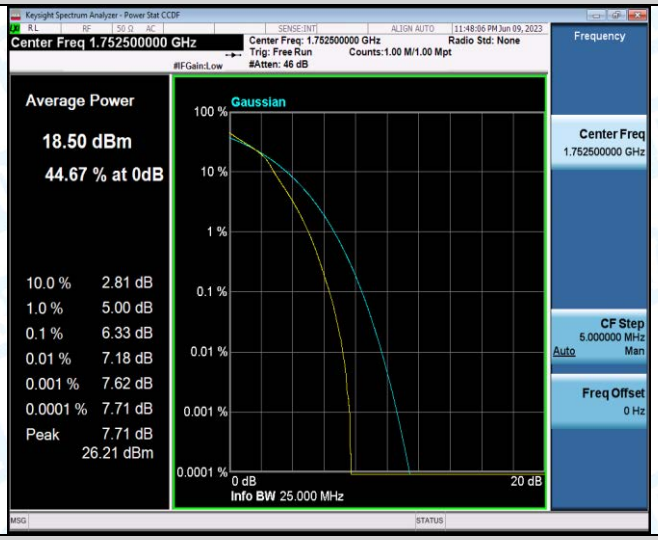

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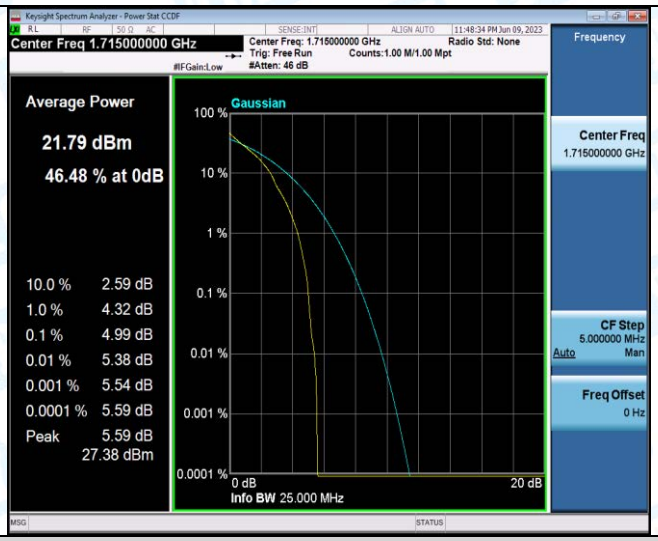
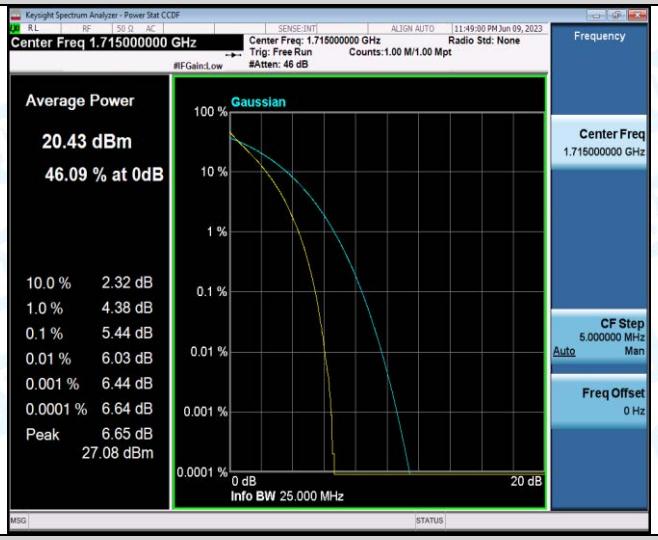


Band4-10MHz-QPSK-20000-50RB#0



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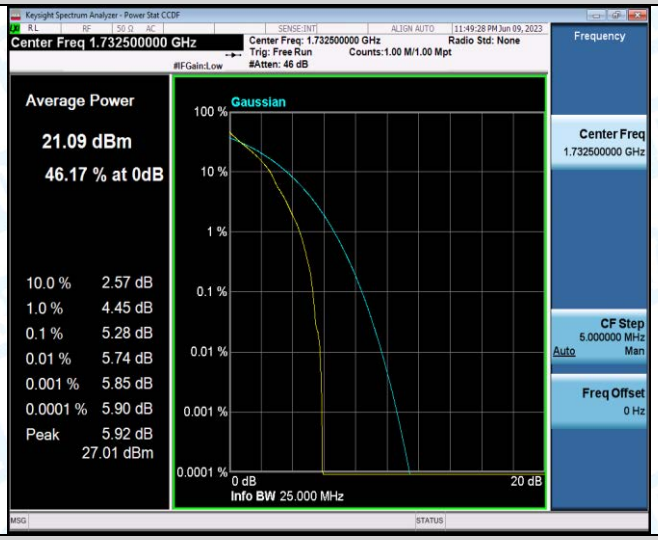

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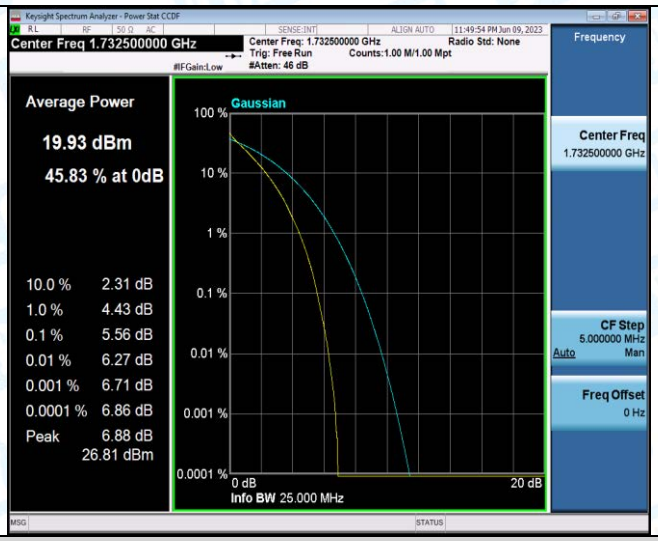
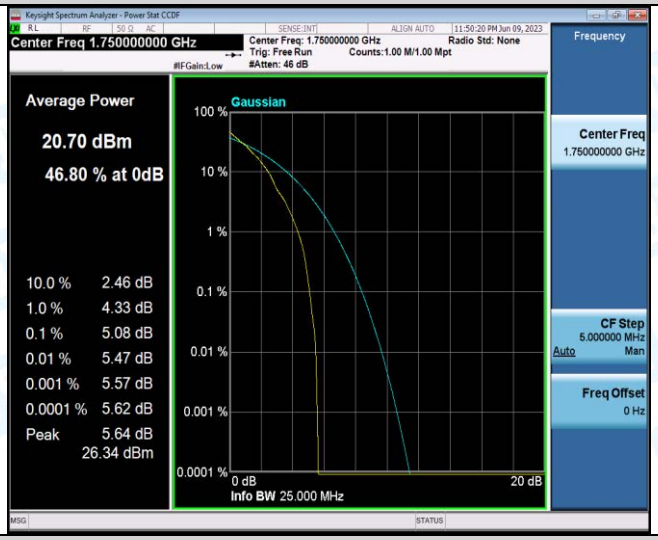
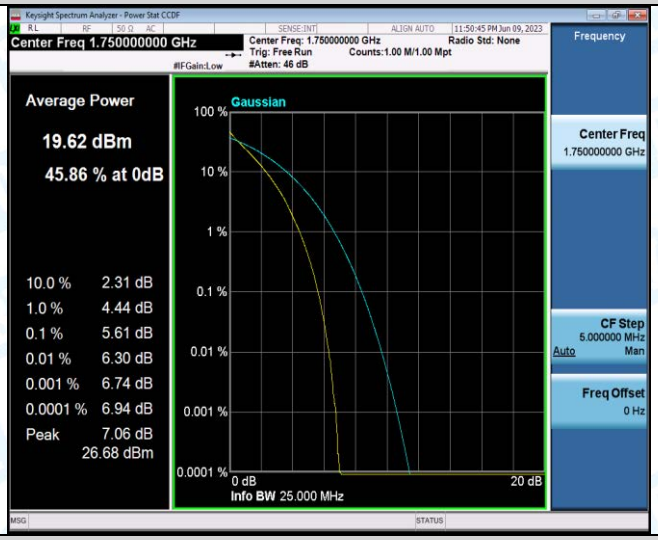


Band4-10MHz-QPSK-20350-1RB#0



Band4-10MHz-QPSK-20350-50RB#0



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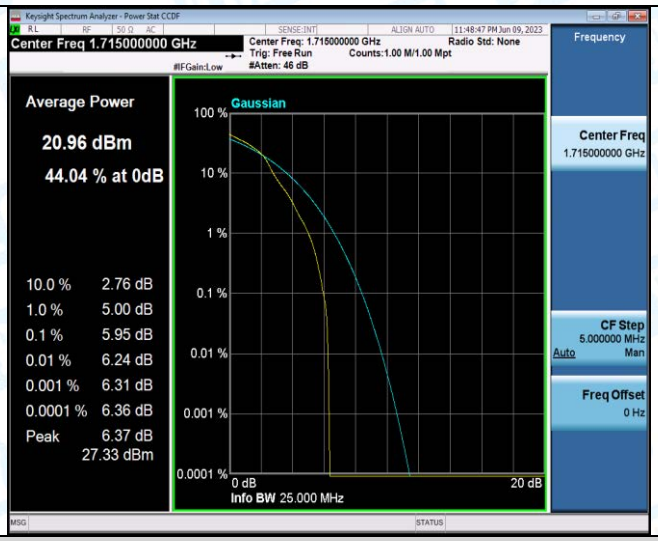

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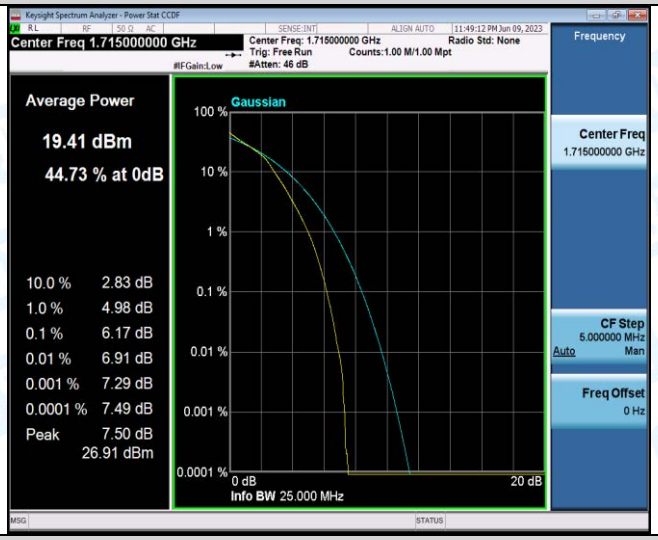

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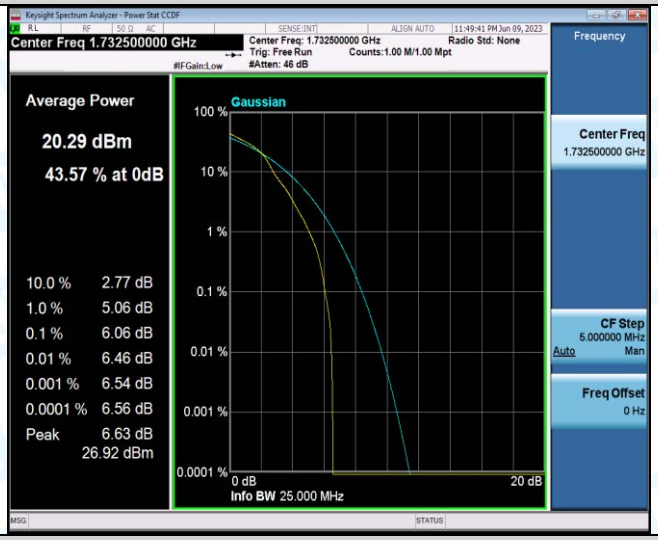

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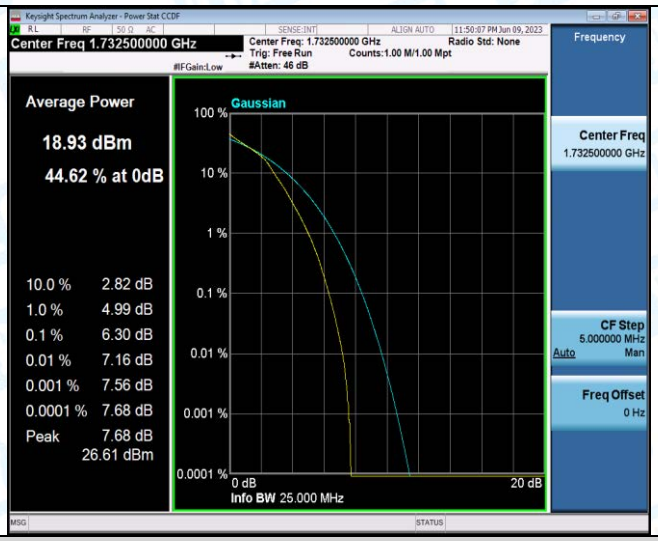

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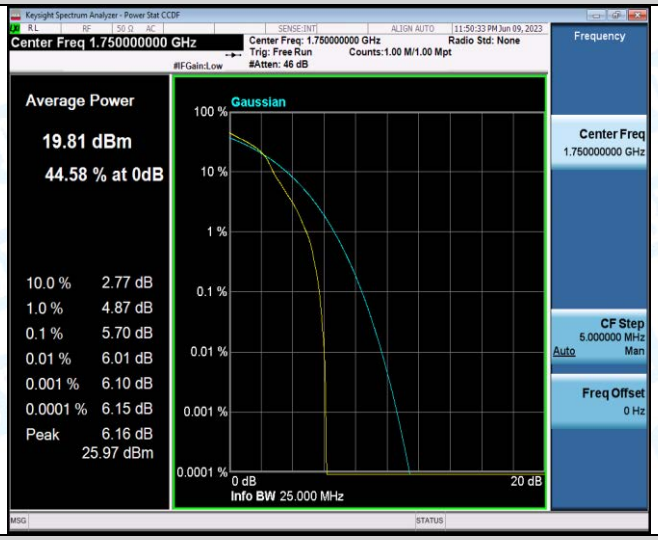
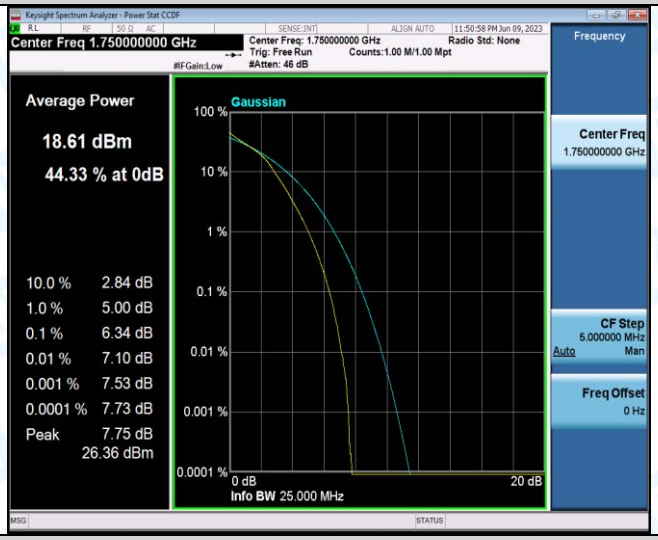
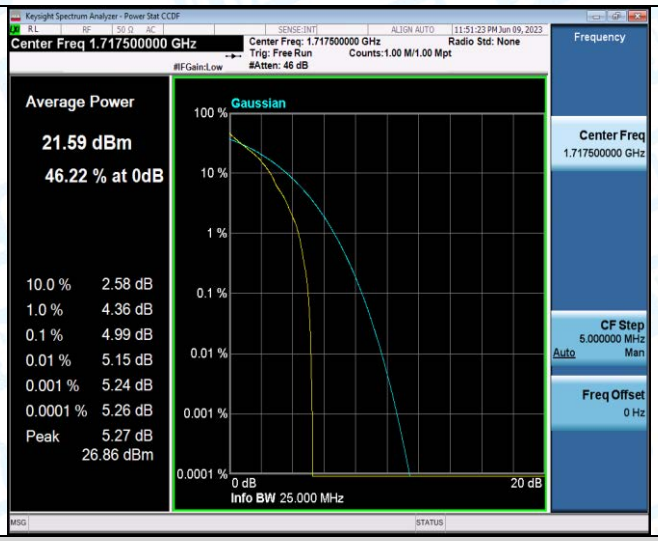


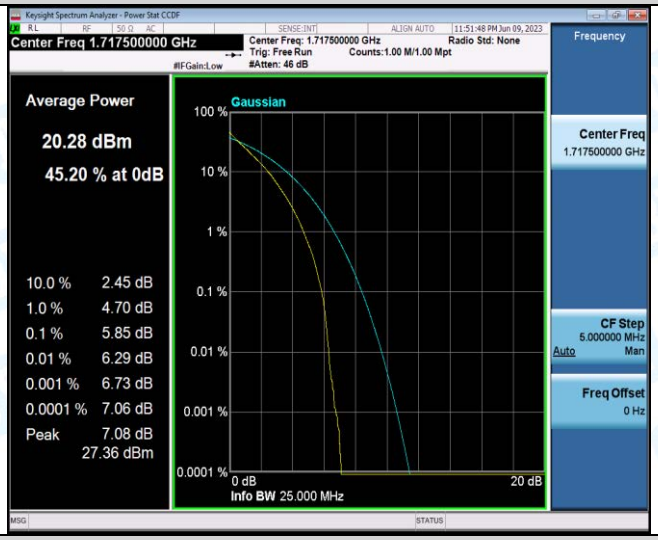
Band4-10MHz-16QAM-20350-50RB#0



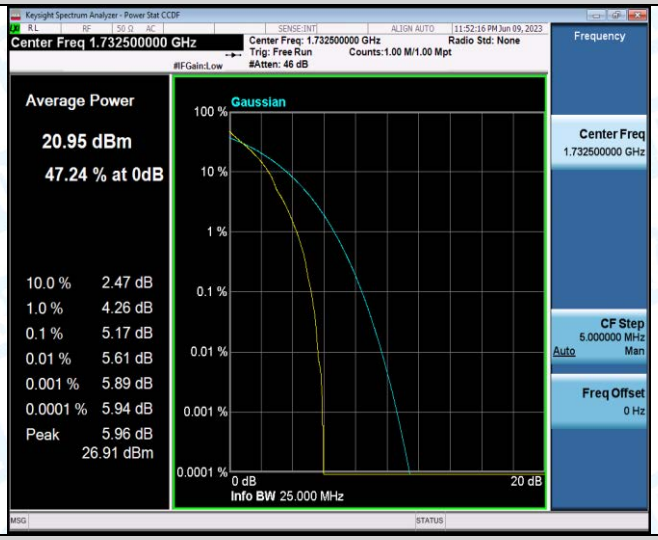
Band4-15MHz-QPSK-20025-1RB#0



Band4-15MHz-QPSK-20025-75RB#0



Band4-15MHz-QPSK-20175-1RB#0



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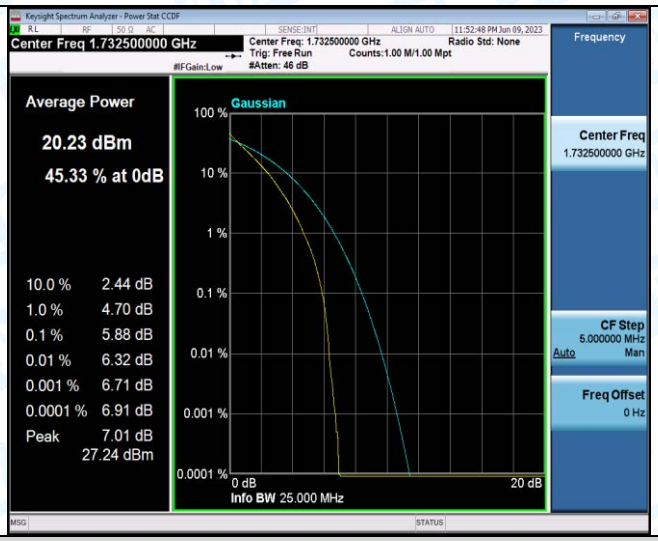

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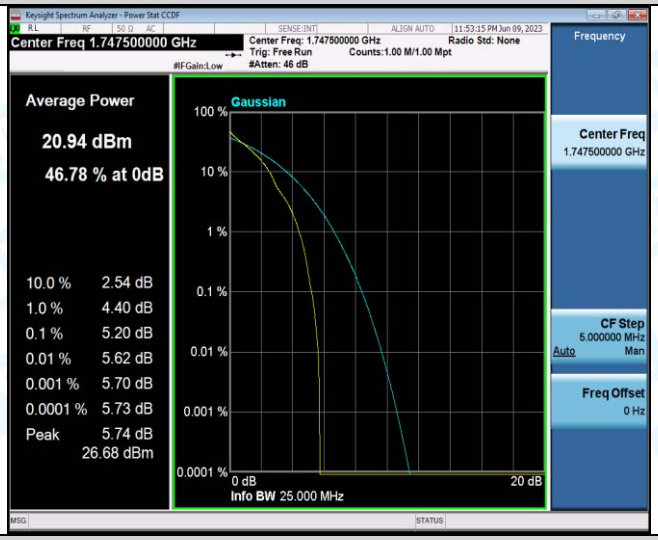

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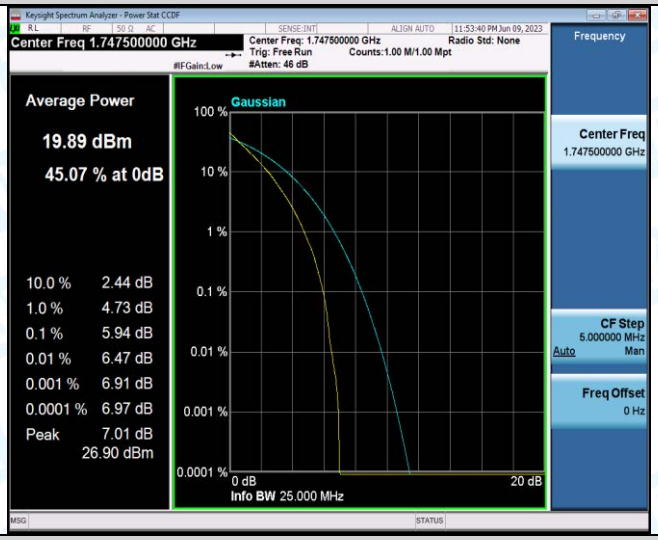

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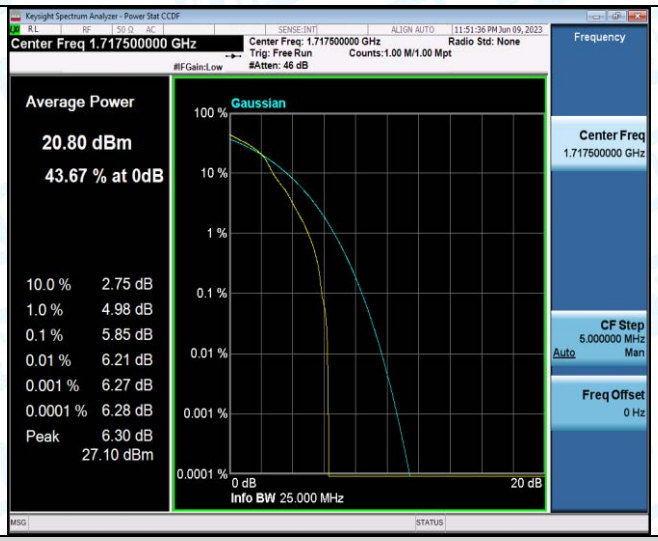

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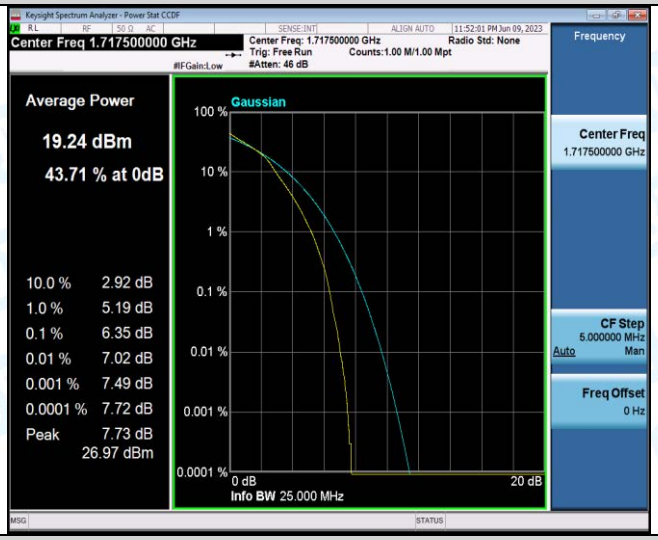

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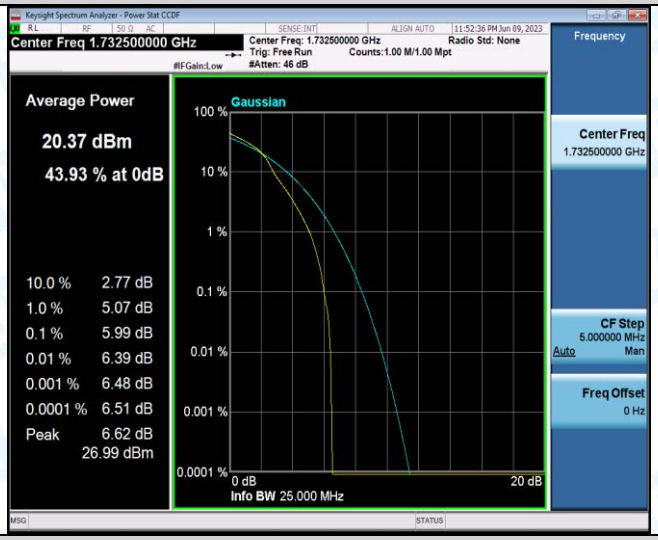

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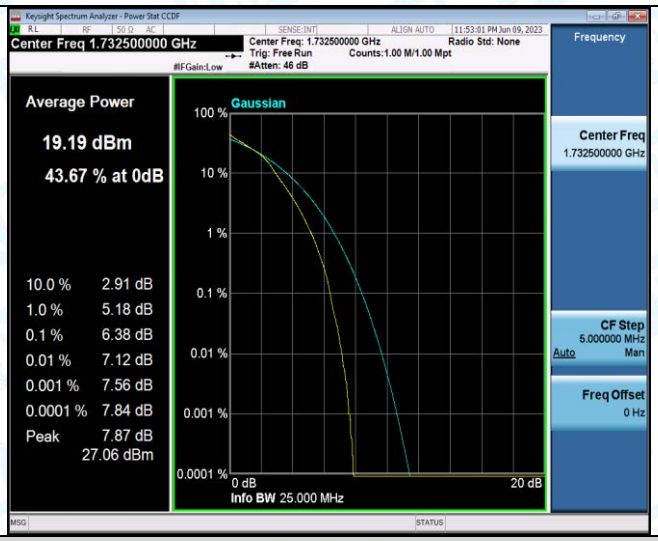

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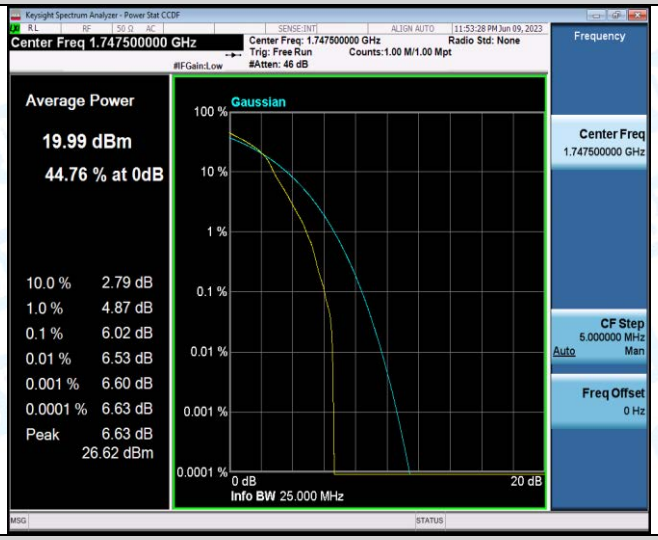

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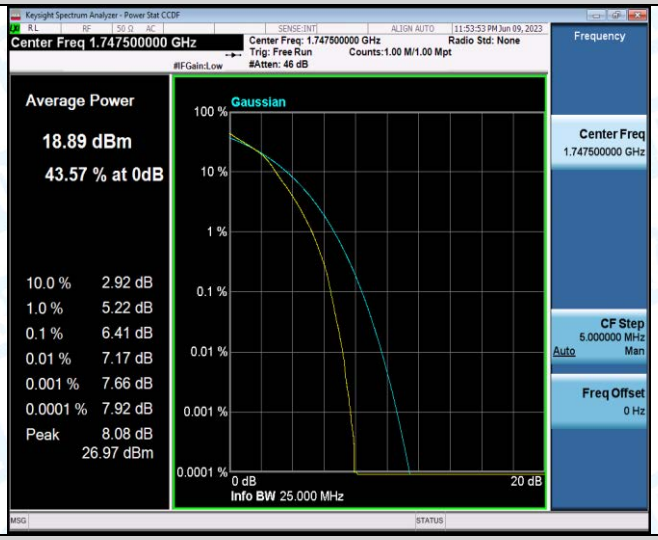

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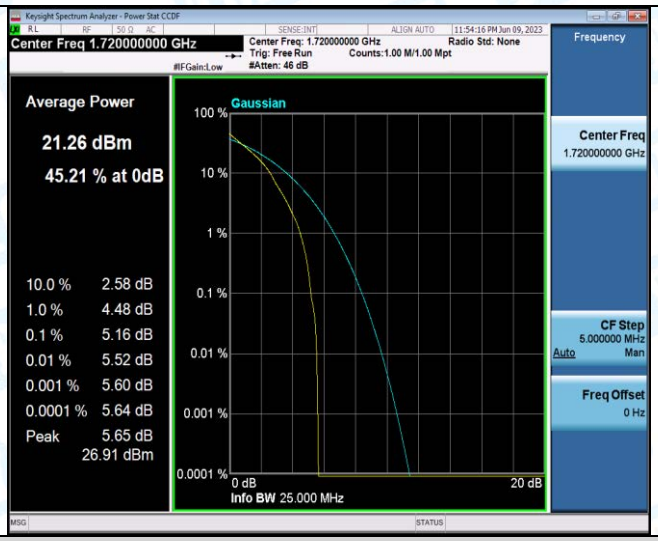
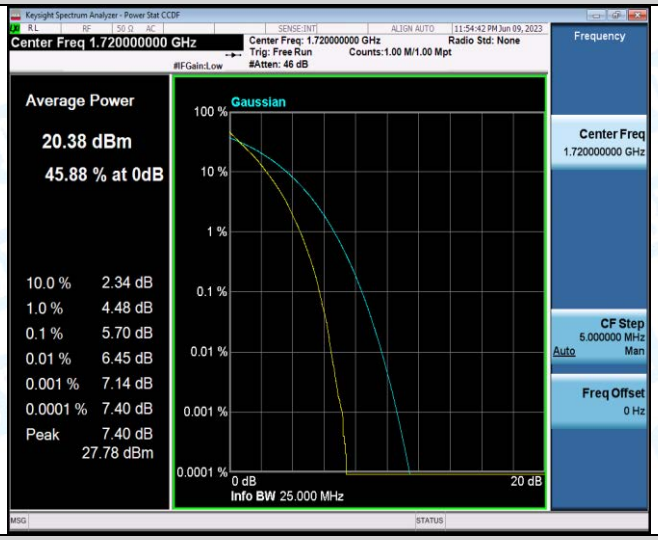


Band4-20MHz-QPSK-20050-100RB#0



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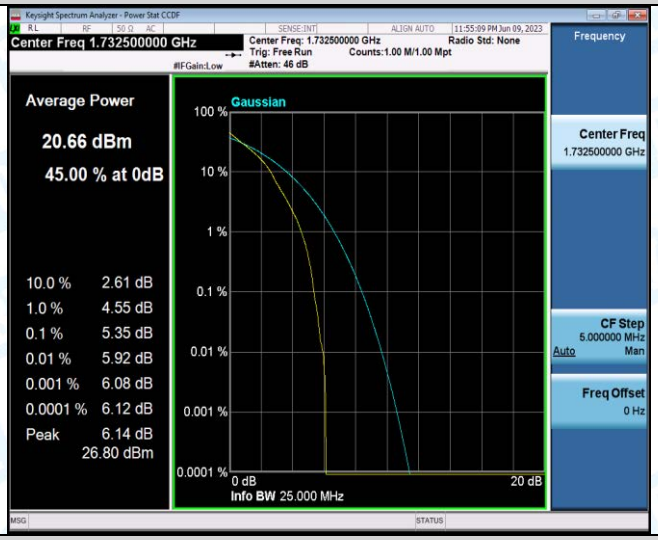

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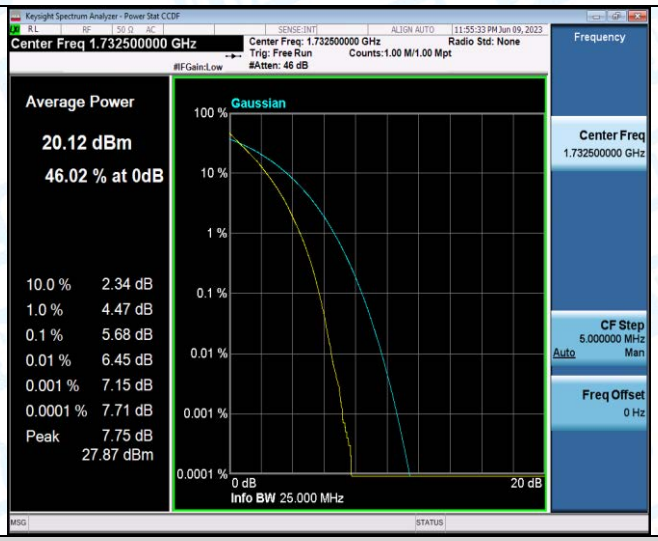

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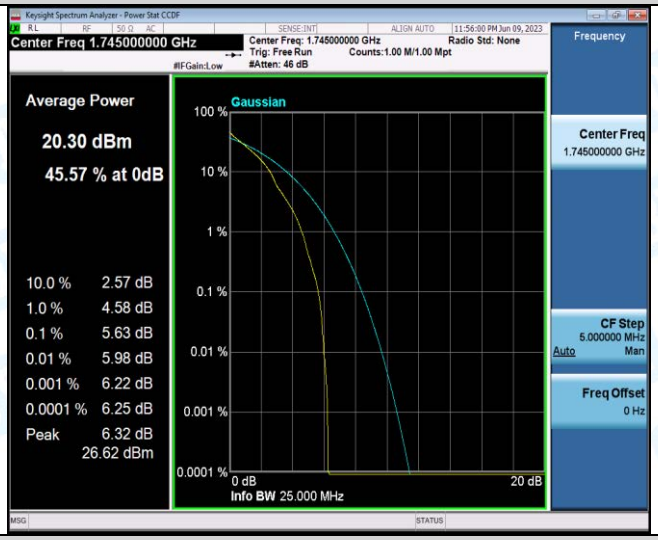

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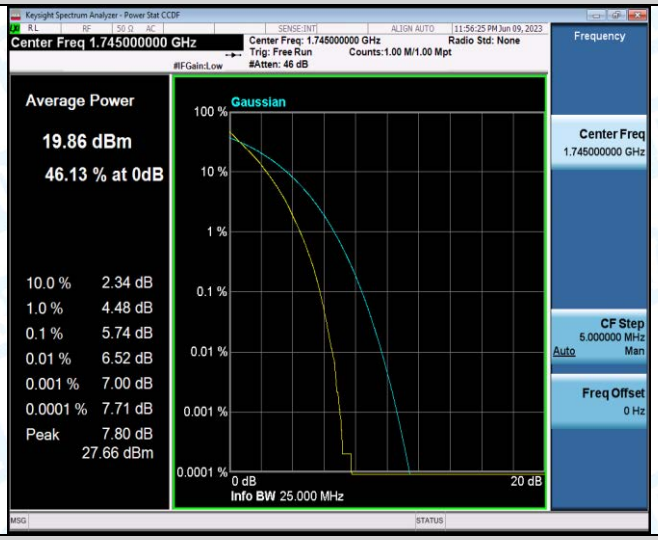

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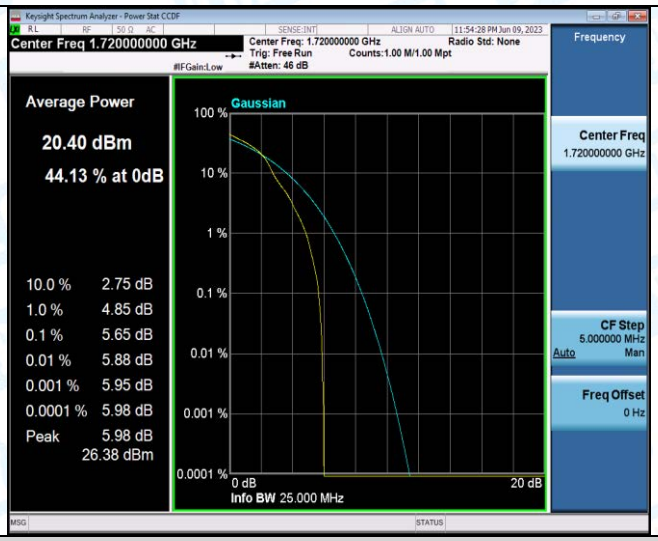

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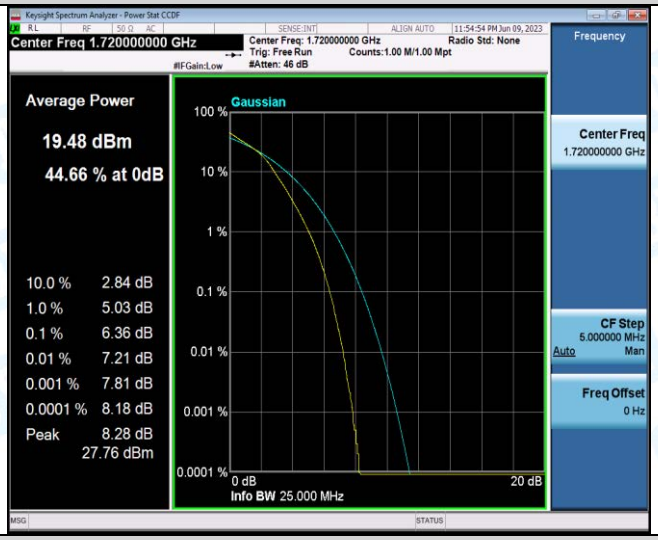

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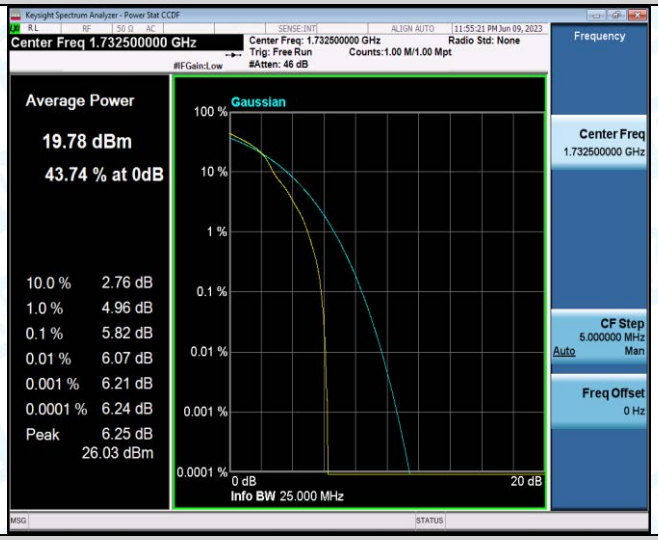

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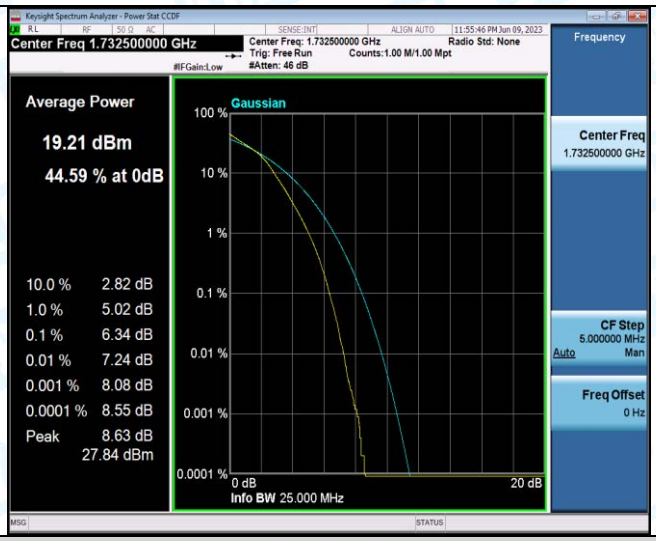

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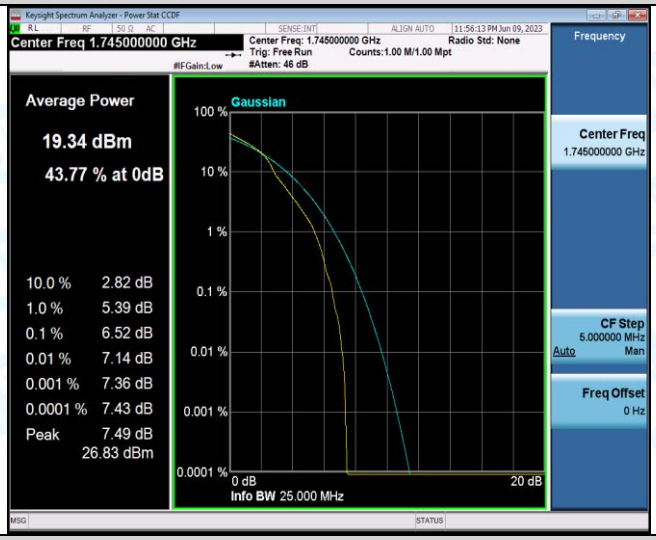
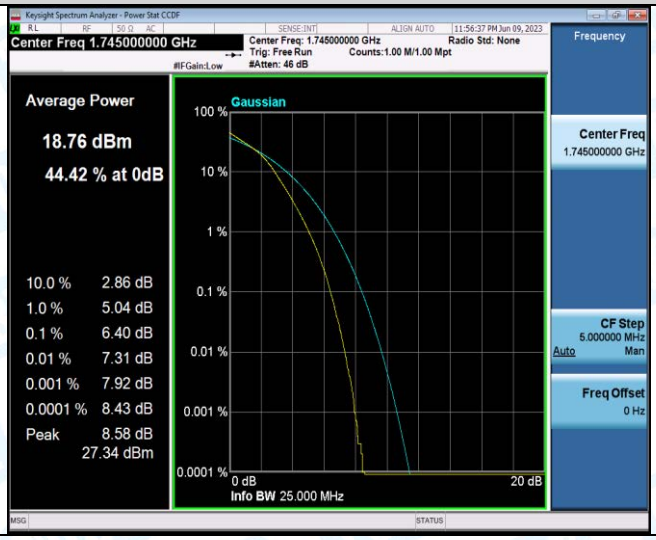


Band4-20MHz-16QAM-20300-100RB#0



3. 26dB Bandwidth and Occupied Bandwidth

Test Result

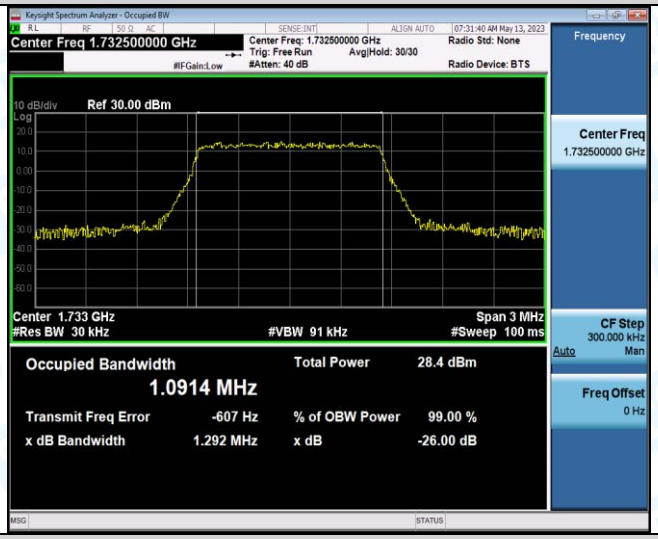
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0894	1.286	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0914	1.292	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0985	1.287	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0974	1.307	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0948	1.308	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0925	1.278	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6885	2.910	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6866	2.894	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6871	2.916	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6855	2.889	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6821	2.918	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6817	2.909	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5059	4.939	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5050	4.942	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4897	4.917	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4814	4.906	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4834	4.895	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4997	4.949	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9764	9.797	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9816	9.832	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9774	9.801	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9803	9.777	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9889	9.782	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9720	9.772	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.477	14.66	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.496	14.69	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.441	14.69	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.477	14.63	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.470	14.64	PASS

Band4	15MHz	16QAM	20325	75RB#0	13.472	14.65	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.960	19.31	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.990	19.39	PASS
Band4	20MHz	QPSK	20300	100RB#0	18.014	19.50	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.995	19.37	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.008	19.40	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.963	19.42	PASS

Test Graphs

Band4-1.4MHz-QPSK-19957-6RB#0

Band4-1.4MHz-QPSK-20175-6RB#0

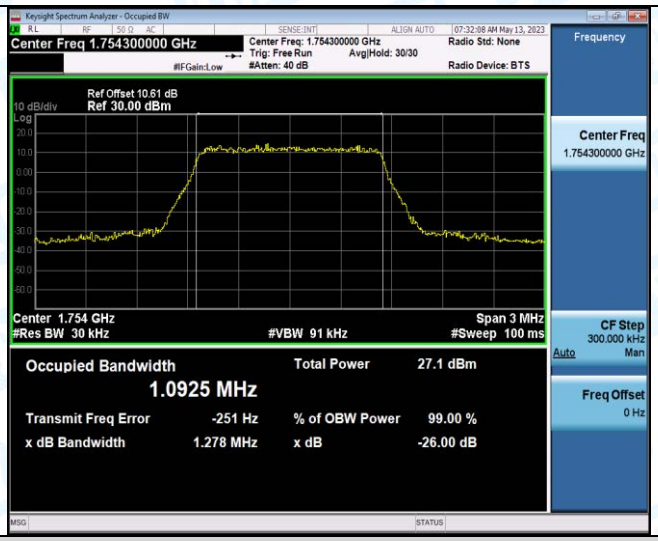


Band4-1.4MHz-QPSK-20393-6RB#0

Band4-1.4MHz-16QAM-19957-6RB#0

Band4-1.4MHz-16QAM-20175-6RB#0

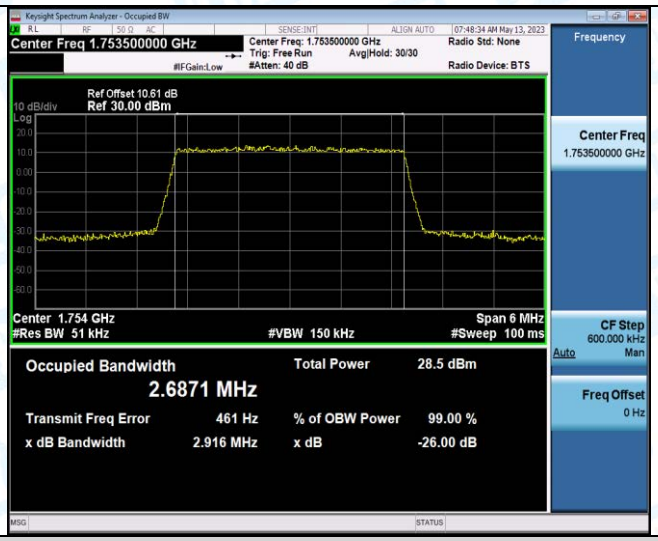
Band4-1.4MHz-16QAM-20393-6RB#0



Band4-3MHz-QPSK-19965-15RB#0

Band4-3MHz-QPSK-20175-15RB#0

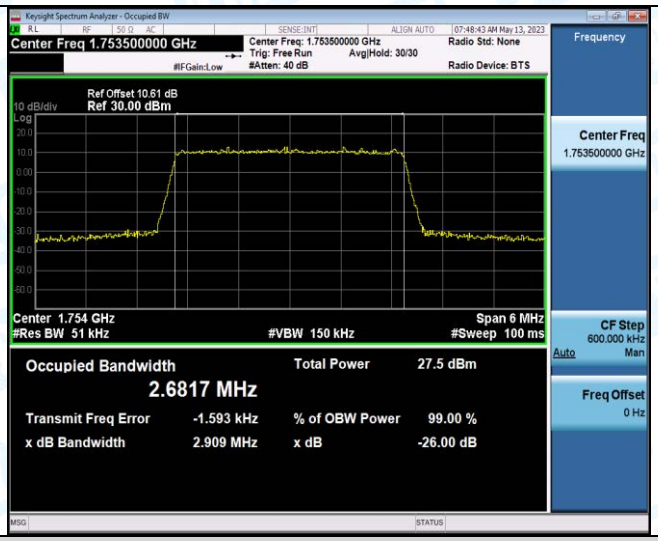
Band4-3MHz-QPSK-20385-15RB#0



Band4-3MHz-16QAM-19965-15RB#0

Band4-3MHz-16QAM-20175-15RB#0

Band4-3MHz-16QAM-20385-15RB#0



Band4-5MHz-QPSK-19975-25RB#0

Band4-5MHz-QPSK-20175-25RB#0

Band4-5MHz-QPSK-20375-25RB#0