



Appendix E: Test Data for E-UTRA Band 4

Product Name: 4G Phone

Test Model: HIT-01

Environmental Conditions

Temperature:	23.5° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	Li Huan



E.1 Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.97	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.93	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.79	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.81	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.77	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.69	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.70	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.10	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.07	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.97	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	23.10	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	23.01	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.90	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.98	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.74	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.75	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.01	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.73	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.81	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.73	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.86	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.83	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.89	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.73	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.76	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.74	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.66	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.65	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.96	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.05	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.91	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.73	PASS



Band4	1.4MHz	16QAM	20175	3RB#1	21.74	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.67	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.07	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.57	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.67	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.60	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.71	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.70	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.98	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.82	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.15	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.98	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.07	PASS
Band4	3MHz	QPSK	19965	8RB#0	22.40	PASS
Band4	3MHz	QPSK	19965	8RB#4	22.26	PASS
Band4	3MHz	QPSK	19965	8RB#7	22.17	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.25	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.96	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.79	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.17	PASS
Band4	3MHz	QPSK	20175	8RB#0	22.14	PASS
Band4	3MHz	QPSK	20175	8RB#4	22.12	PASS
Band4	3MHz	QPSK	20175	8RB#7	22.03	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.09	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.66	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.82	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.71	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.90	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.87	PASS
Band4	3MHz	QPSK	20385	8RB#7	22.01	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.82	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.05	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.21	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.27	PASS
Band4	3MHz	16QAM	19965	8RB#0	21.34	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.16	PASS
Band4	3MHz	16QAM	19965	8RB#7	21.24	PASS



Band4	3MHz	16QAM	19965	15RB#0	21.28	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.23	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.06	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.22	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.02	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.28	PASS
Band4	3MHz	16QAM	20175	8RB#7	21.10	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.93	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.85	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.86	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.97	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.80	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.78	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.92	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.79	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.21	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.12	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.99	PASS
Band4	5MHz	QPSK	19975	12RB#0	22.21	PASS
Band4	5MHz	QPSK	19975	12RB#6	22.18	PASS
Band4	5MHz	QPSK	19975	12RB#13	22.13	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.88	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.88	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.81	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.69	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.97	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.87	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.69	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.85	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.92	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.88	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.75	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.78	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.83	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.81	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.71	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.13	PASS



Band4	5MHz	16QAM	19975	1RB#12	22.02	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.96	PASS
Band4	5MHz	16QAM	19975	12RB#0	21.24	PASS
Band4	5MHz	16QAM	19975	12RB#6	21.17	PASS
Band4	5MHz	16QAM	19975	12RB#13	21.19	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.07	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.77	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.61	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.68	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.86	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.93	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.92	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.84	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.93	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.79	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.80	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.90	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.80	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.88	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.71	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.38	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.53	PASS
Band4	10MHz	QPSK	20000	1RB#49	21.39	PASS
Band4	10MHz	QPSK	20000	25RB#0	22.40	PASS
Band4	10MHz	QPSK	20000	25RB#12	22.37	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.82	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.07	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.76	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.89	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.54	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.98	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.89	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.75	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.75	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.68	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.11	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.83	PASS



Band4	10MHz	QPSK	20350	25RB#0	22.02	PASS
Band4	10MHz	QPSK	20350	25RB#12	22.01	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.85	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.87	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.38	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.61	PASS
Band4	10MHz	16QAM	20000	1RB#49	20.50	PASS
Band4	10MHz	16QAM	20000	25RB#0	21.46	PASS
Band4	10MHz	16QAM	20000	25RB#12	21.43	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.90	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.15	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.95	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.19	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.65	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.94	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.95	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.84	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.81	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.95	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.13	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.84	PASS
Band4	10MHz	16QAM	20350	25RB#0	21.10	PASS
Band4	10MHz	16QAM	20350	25RB#12	21.08	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.91	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.99	PASS
Band4	15MHz	QPSK	20025	1RB#0	23.08	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.72	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.73	PASS
Band4	15MHz	QPSK	20025	38RB#0	22.03	PASS
Band4	15MHz	QPSK	20025	38RB#18	22.03	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.58	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.21	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.95	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.03	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.08	PASS
Band4	15MHz	QPSK	20175	38RB#0	22.29	PASS
Band4	15MHz	QPSK	20175	38RB#18	22.67	PASS



Band4	15MHz	QPSK	20175	38RB#37	22.13	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.29	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.14	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.31	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.02	PASS
Band4	15MHz	QPSK	20325	38RB#0	22.20	PASS
Band4	15MHz	QPSK	20325	38RB#18	22.55	PASS
Band4	15MHz	QPSK	20325	38RB#37	22.14	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.15	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.11	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.36	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.71	PASS
Band4	15MHz	16QAM	20025	38RB#0	22.04	PASS
Band4	15MHz	16QAM	20025	38RB#18	22.03	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.88	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.08	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.20	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.95	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.23	PASS
Band4	15MHz	16QAM	20175	38RB#0	22.29	PASS
Band4	15MHz	16QAM	20175	38RB#18	22.64	PASS
Band4	15MHz	16QAM	20175	38RB#37	22.09	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.29	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.39	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.98	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.15	PASS
Band4	15MHz	16QAM	20325	38RB#0	22.23	PASS
Band4	15MHz	16QAM	20325	38RB#18	22.99	PASS
Band4	15MHz	16QAM	20325	38RB#37	22.16	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.17	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.93	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.02	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.97	PASS
Band4	20MHz	QPSK	20050	50RB#0	22.20	PASS
Band4	20MHz	QPSK	20050	50RB#25	22.28	PASS
Band4	20MHz	QPSK	20050	50RB#50	22.01	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.29	PASS



Band4	20MHz	QPSK	20175	1RB#0	22.48	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.32	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.90	PASS
Band4	20MHz	QPSK	20175	50RB#0	22.00	PASS
Band4	20MHz	QPSK	20175	50RB#25	22.28	PASS
Band4	20MHz	QPSK	20175	50RB#50	22.03	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.10	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.03	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.19	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.78	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.91	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.99	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.82	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.98	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.95	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.78	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.87	PASS
Band4	20MHz	16QAM	20050	50RB#0	21.33	PASS
Band4	20MHz	16QAM	20050	50RB#25	21.24	PASS
Band4	20MHz	16QAM	20050	50RB#50	21.06	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.27	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.36	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.66	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.78	PASS
Band4	20MHz	16QAM	20175	50RB#0	21.04	PASS
Band4	20MHz	16QAM	20175	50RB#25	21.02	PASS
Band4	20MHz	16QAM	20175	50RB#50	21.03	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.10	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.81	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.15	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.72	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.99	PASS
Band4	20MHz	16QAM	20300	50RB#25	21.08	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.90	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.12	PASS



E.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	4.64	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	5.17	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	4.52	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.03	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	4.66	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.16	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	5.64	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.00	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	5.51	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.83	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	5.66	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	6.00	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	10.05	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.32	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	4.57	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.11	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	4.74	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.25	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	5.50	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.13	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	5.45	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.87	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	5.71	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.04	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	4.84	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.31	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	4.52	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.05	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	4.81	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.22	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	5.58	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.07	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	5.42	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.84	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	5.60	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.97	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	4.71	13	PASS

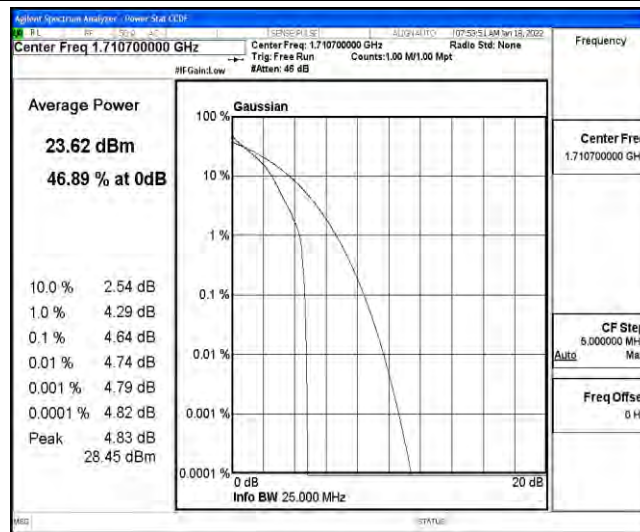


Band4	10MHz	QPSK	20000	50RB#0	5.47	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	4.79	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.10	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	4.93	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.33	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	5.53	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.27	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	5.57	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.91	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	5.75	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.15	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	4.98	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.58	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	4.77	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.13	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	4.82	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.54	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	5.93	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.26	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	5.82	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	5.92	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	5.71	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.19	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	5.05	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.35	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	5.26	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	4.92	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	4.64	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.31	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	6.32	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.15	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	5.95	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.82	13	PASS
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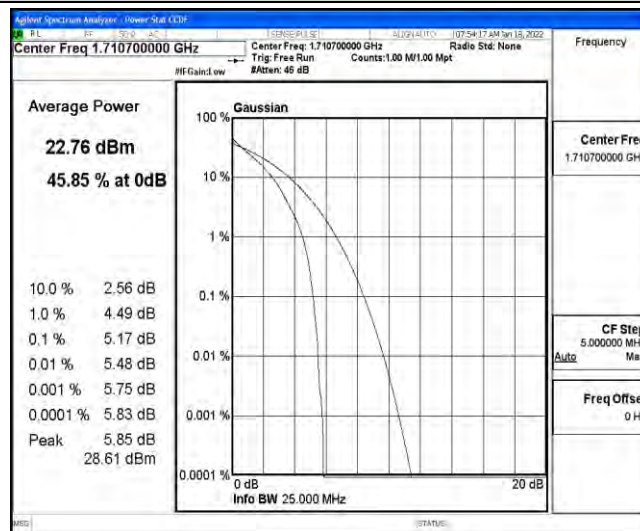


Test Graphs

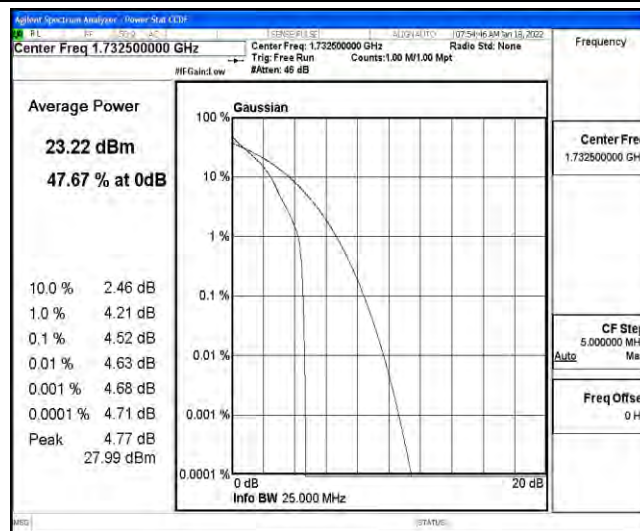
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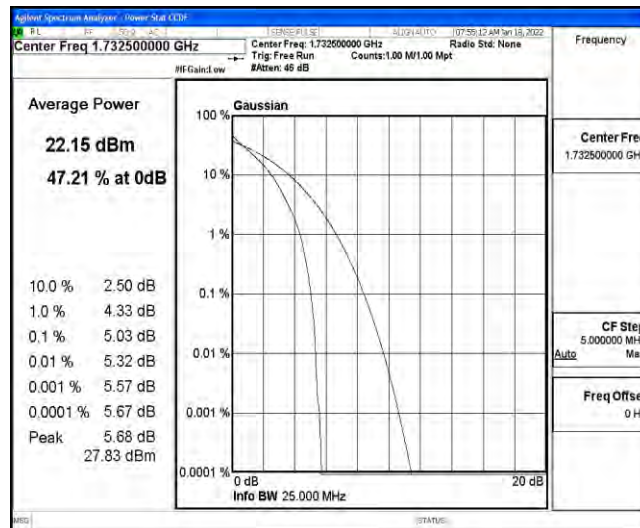
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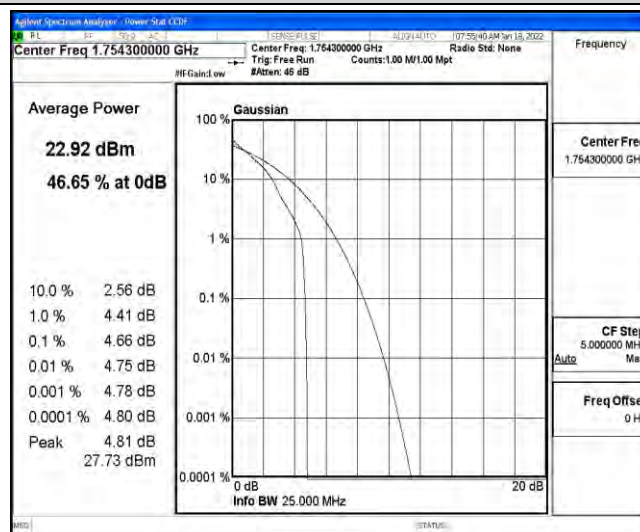
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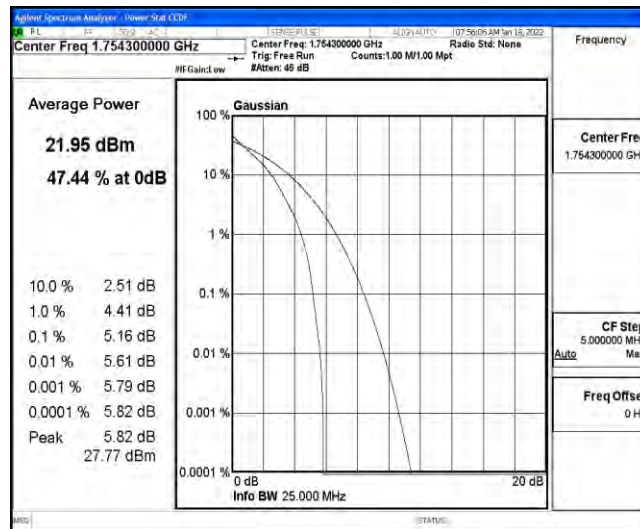
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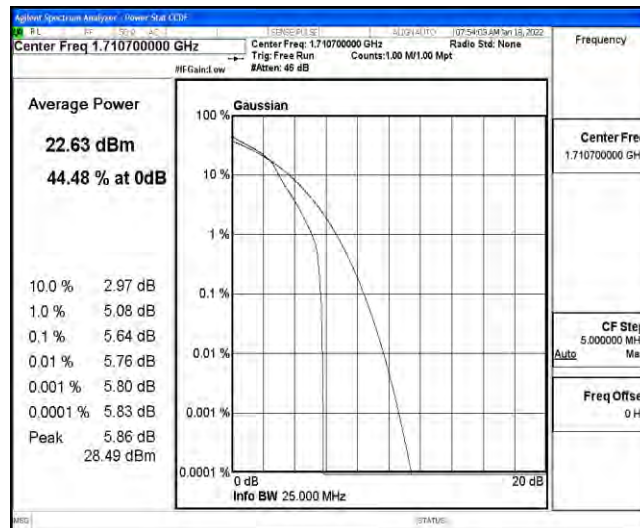
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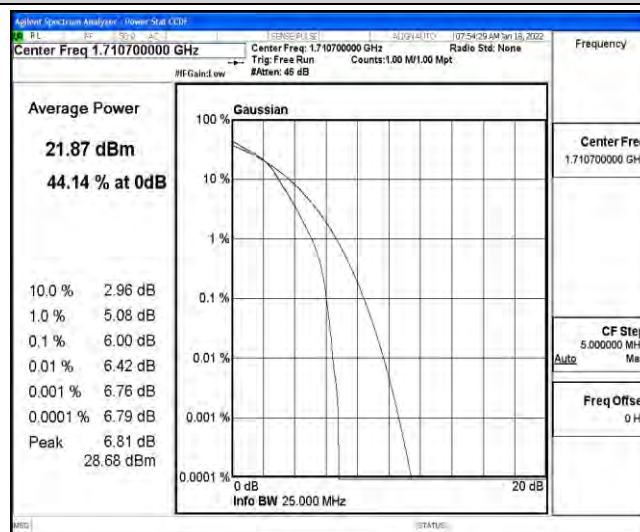
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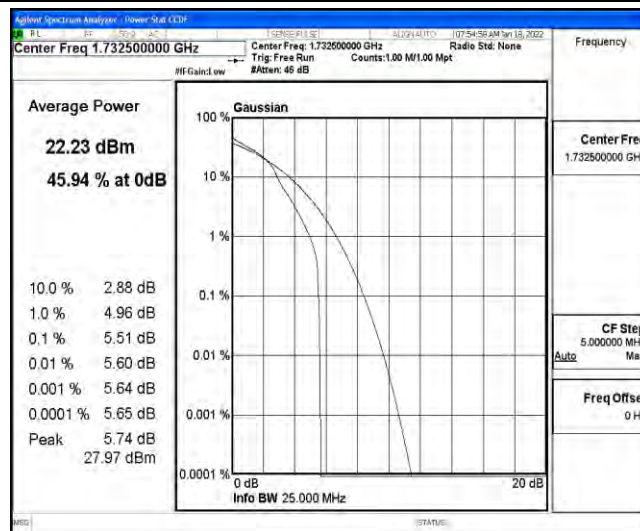
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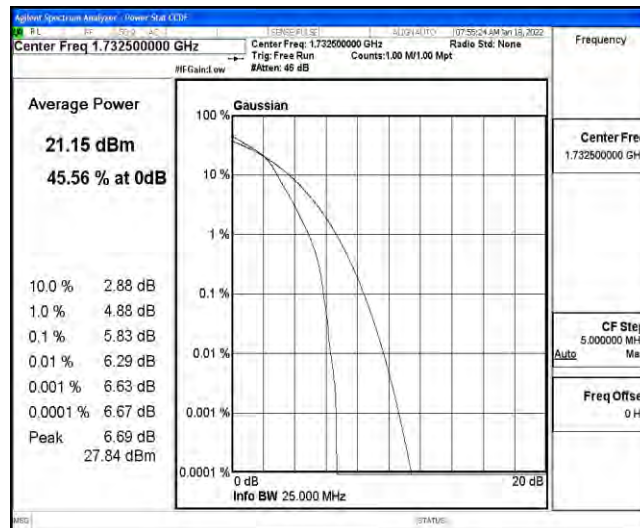
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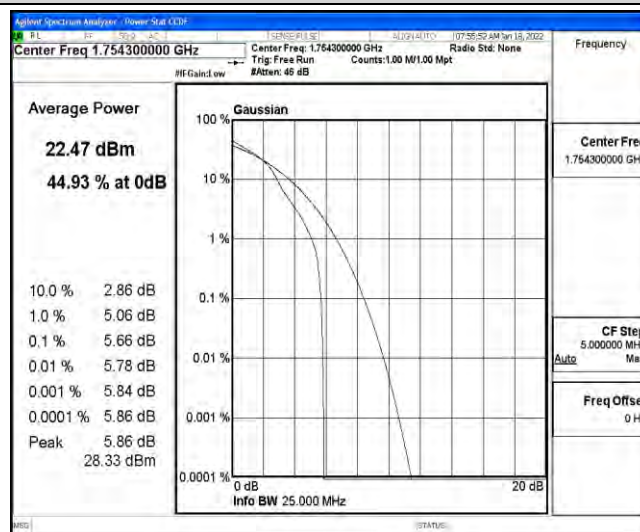
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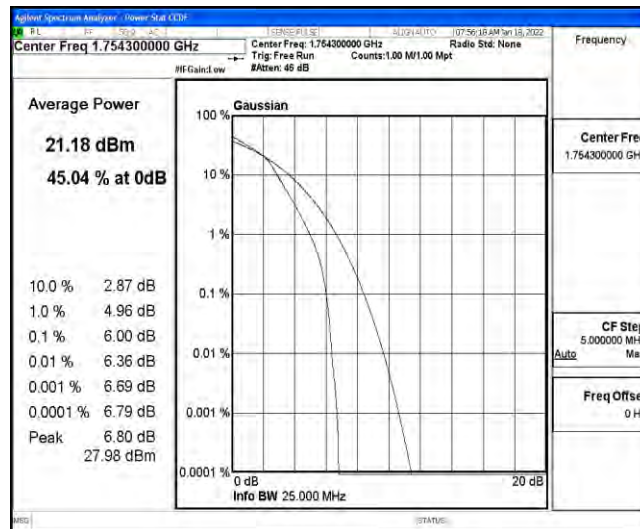
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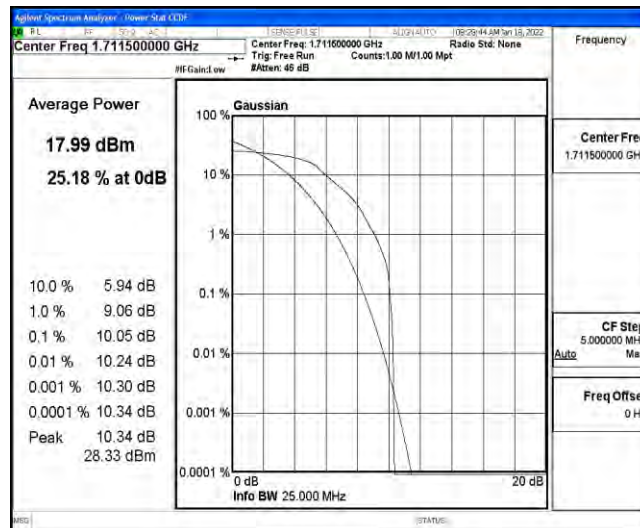
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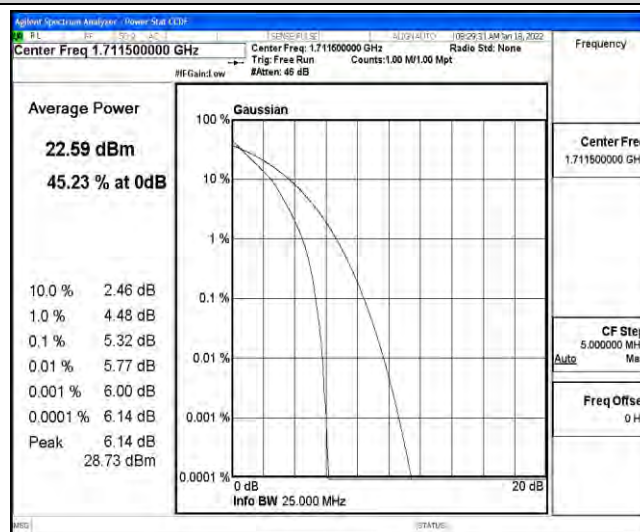
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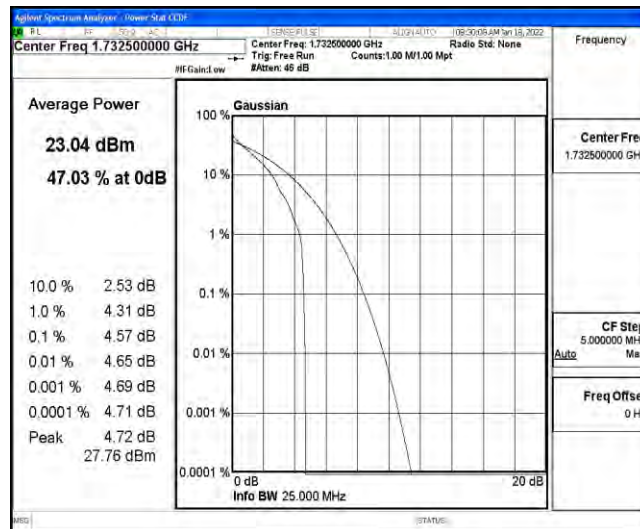
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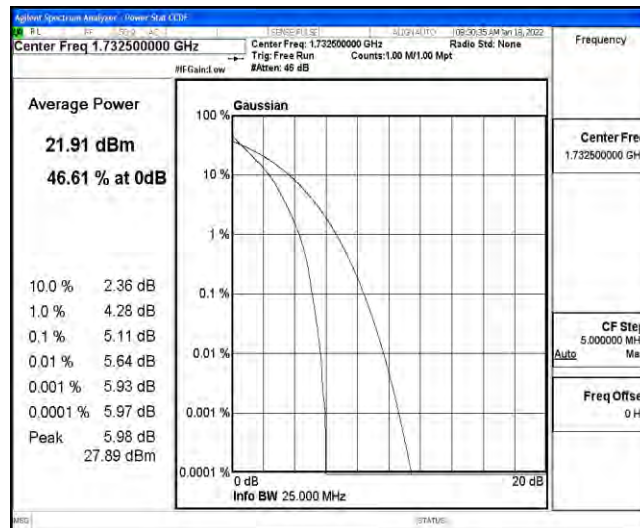
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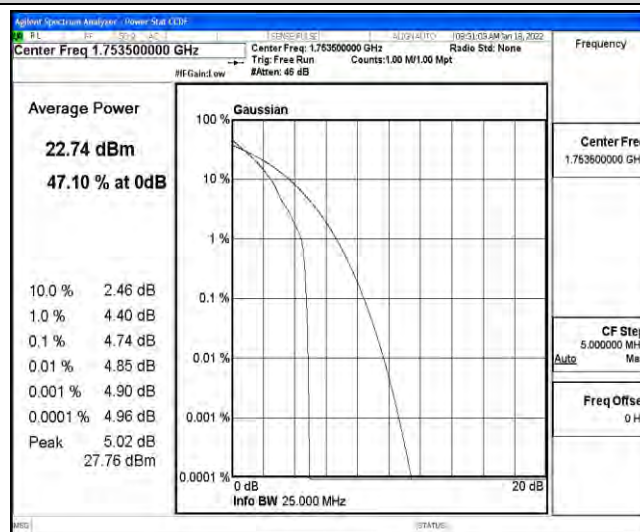
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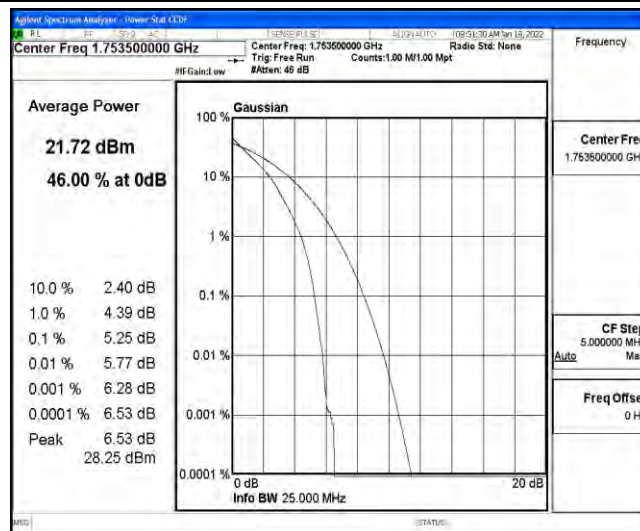
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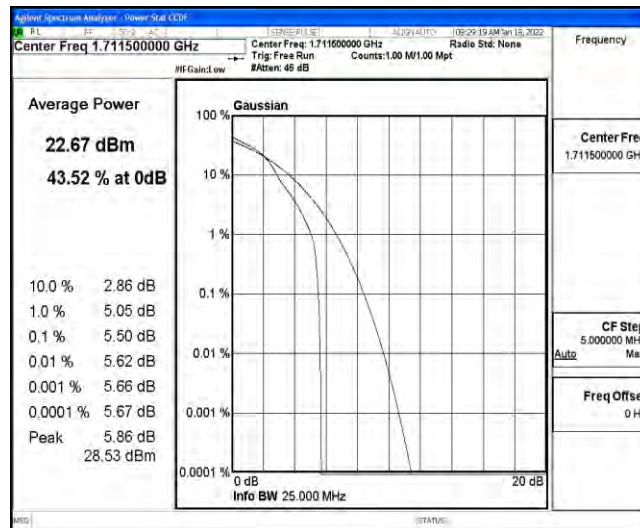
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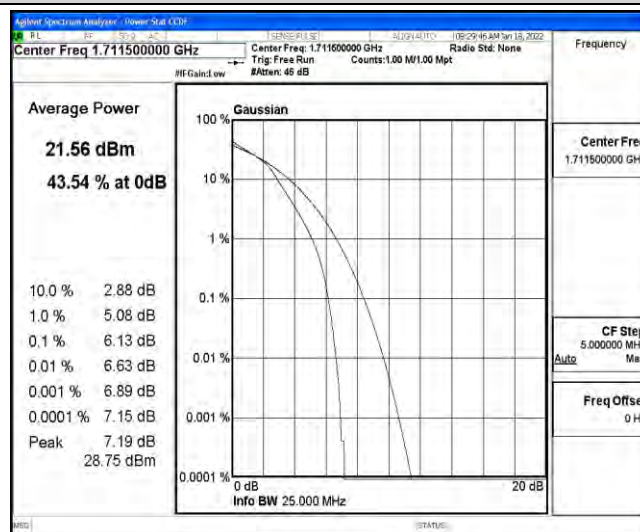
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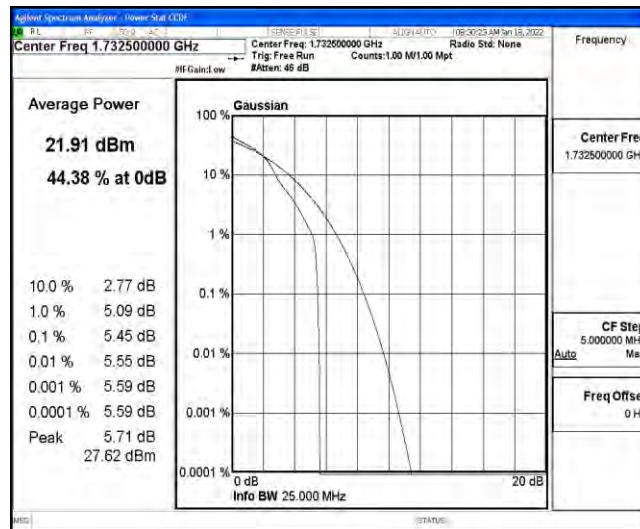
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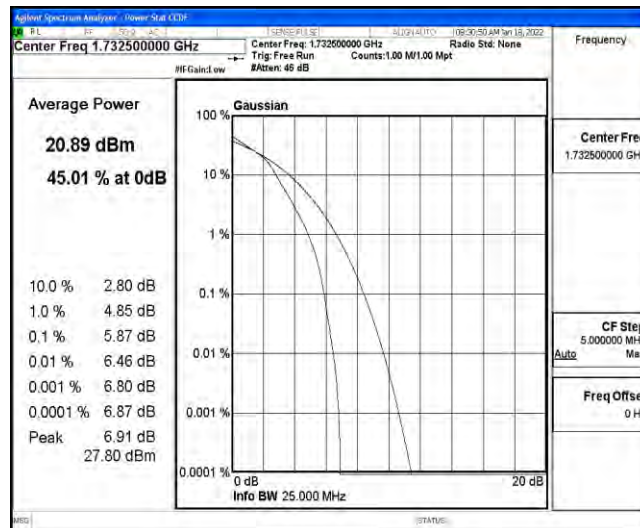
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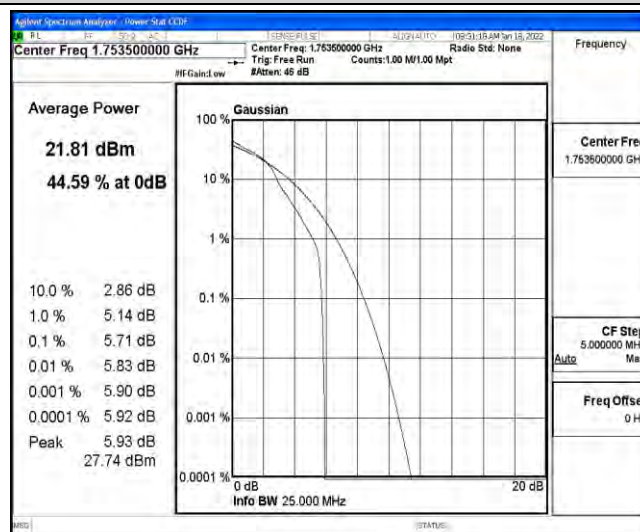
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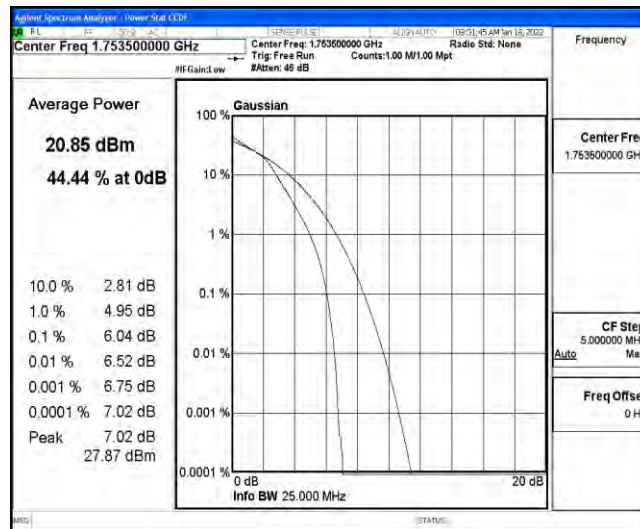
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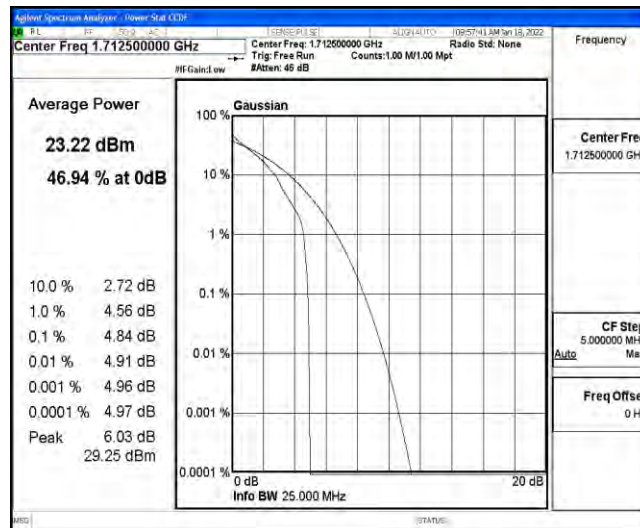
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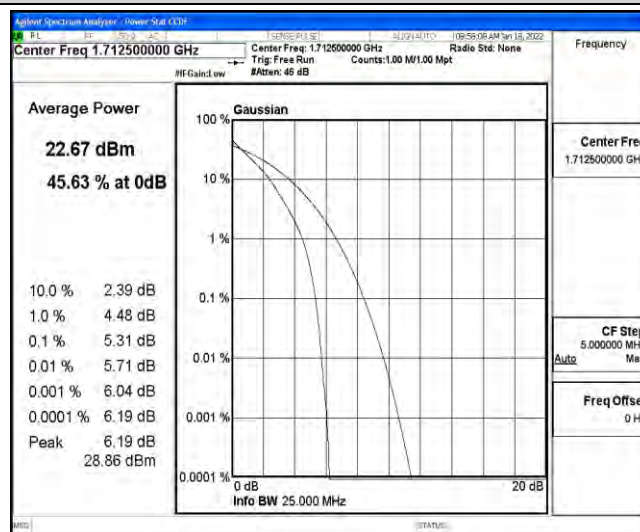
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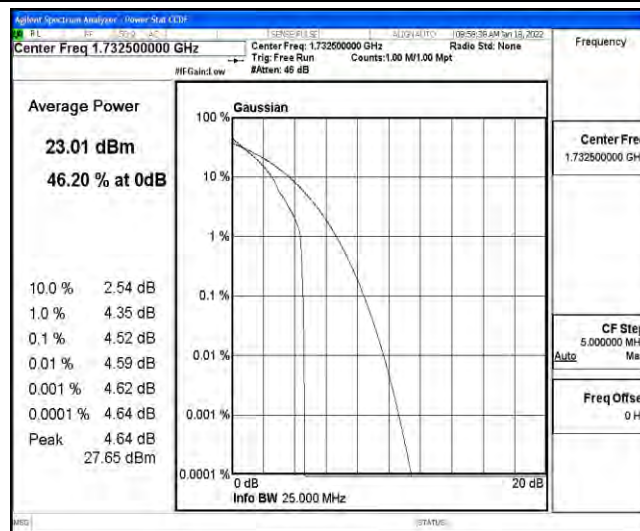
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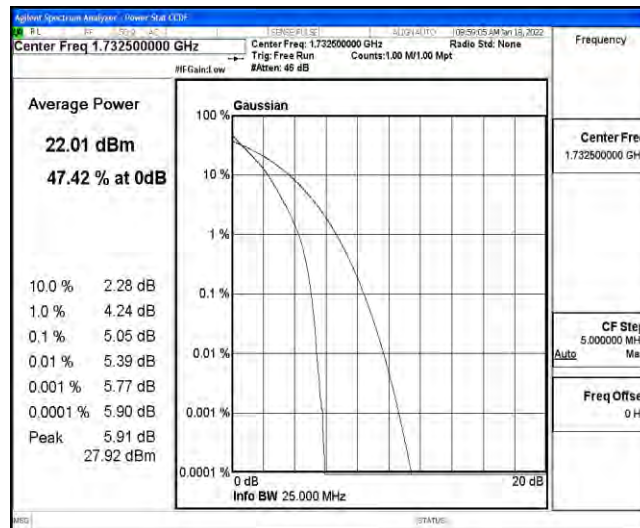
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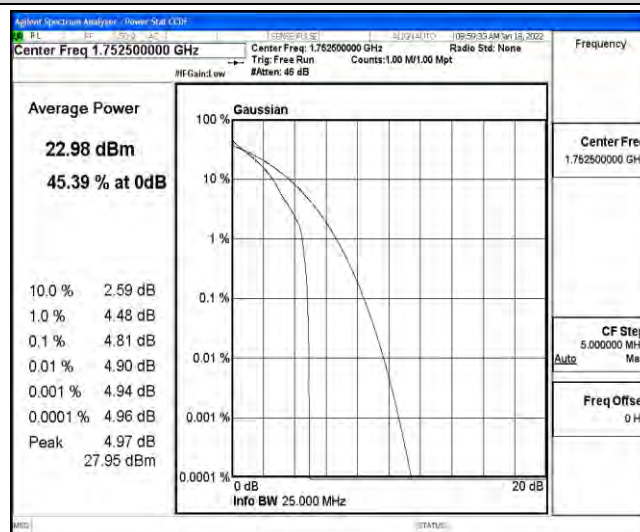
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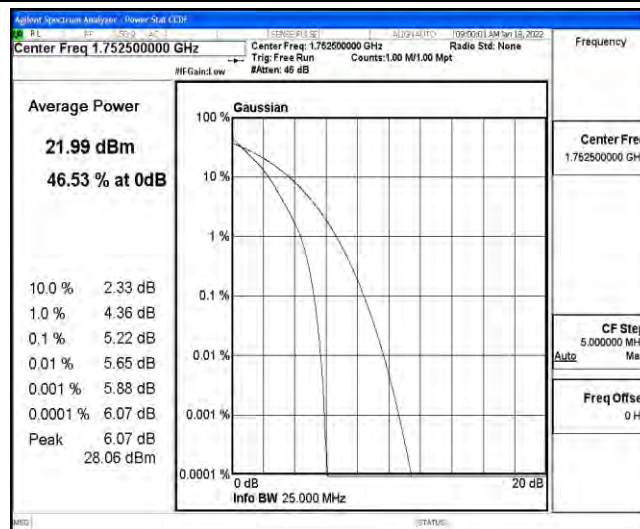
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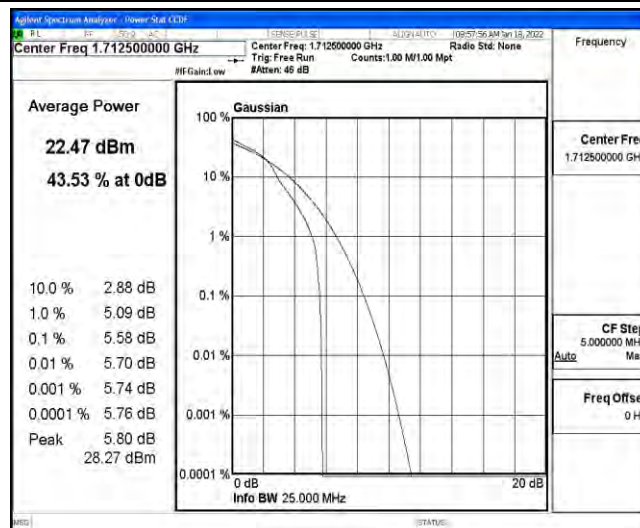
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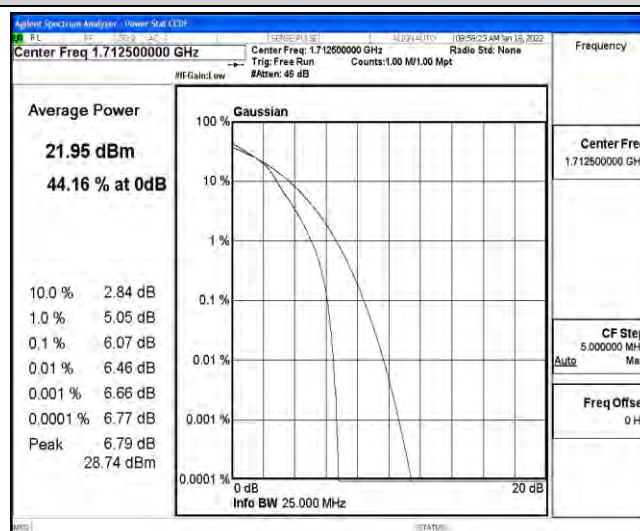
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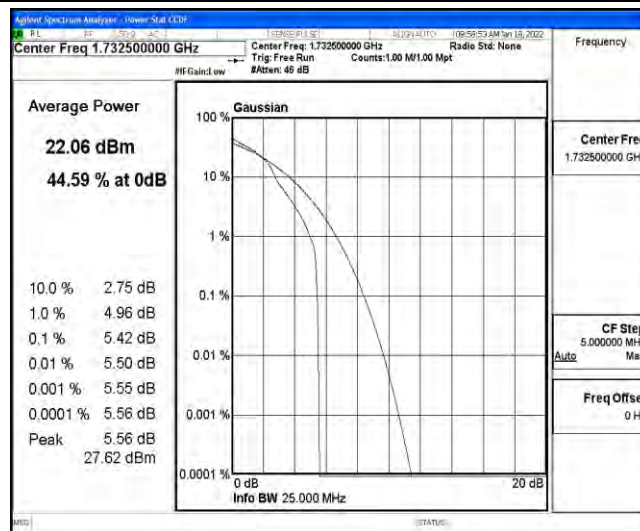
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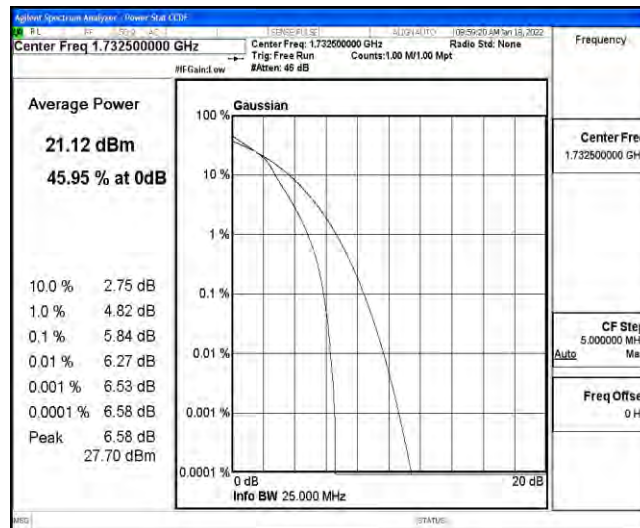
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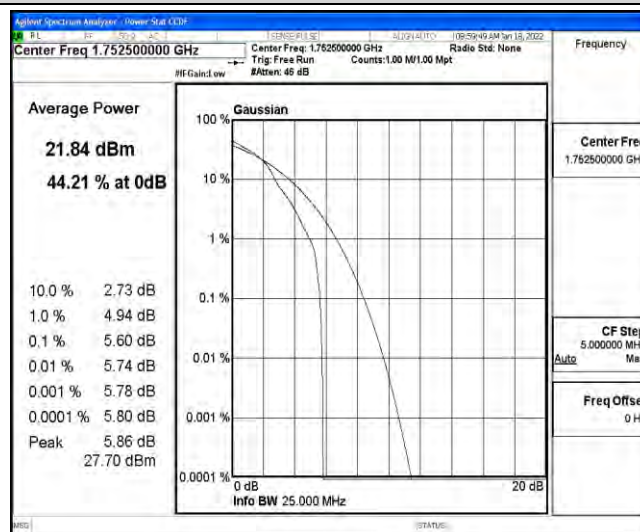
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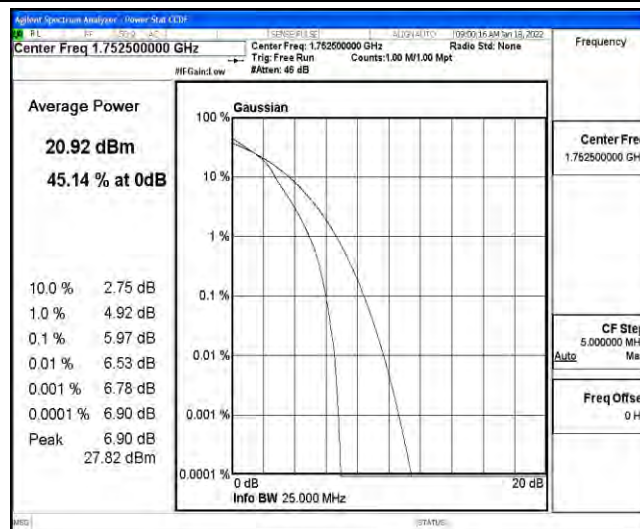
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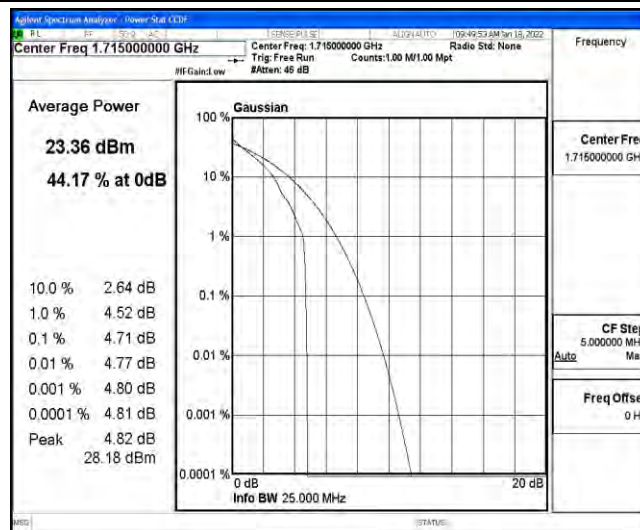
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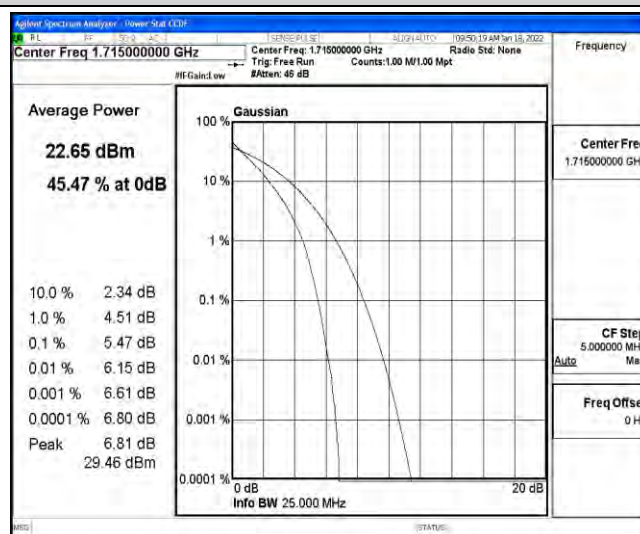
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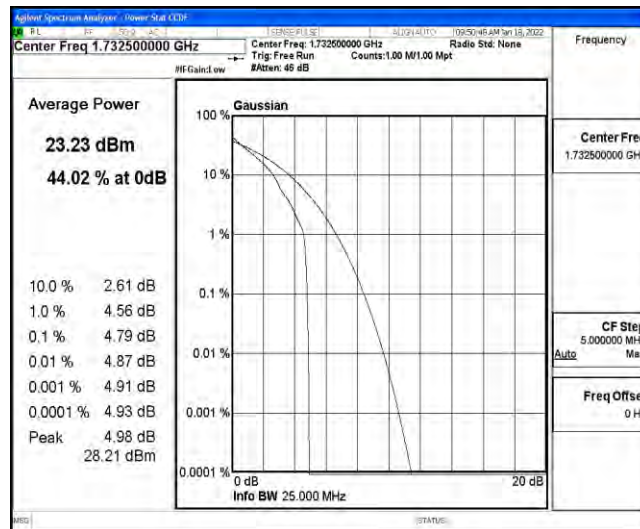
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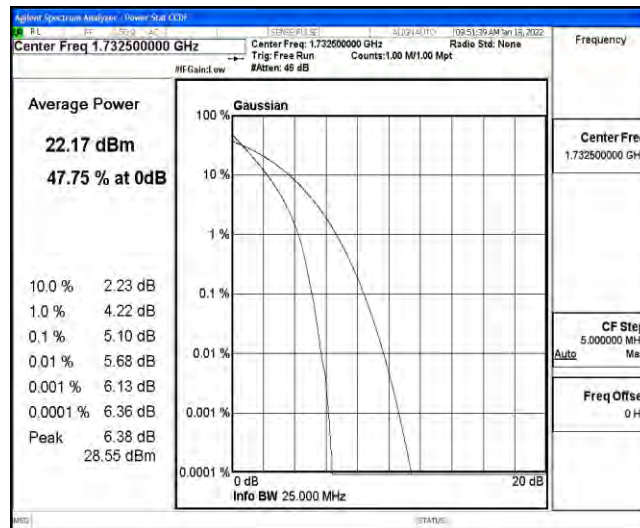
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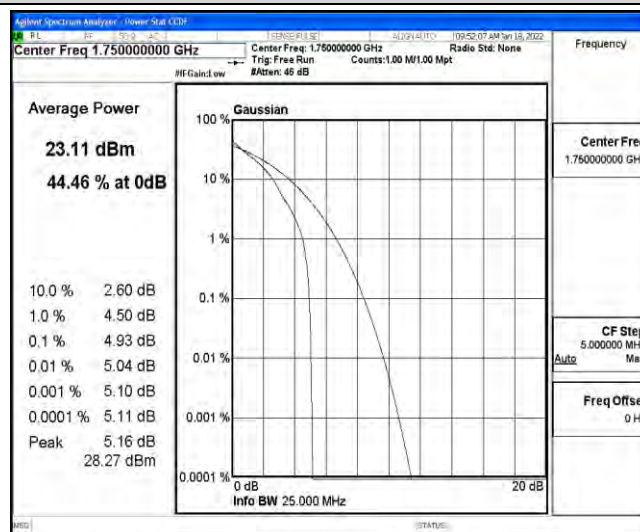
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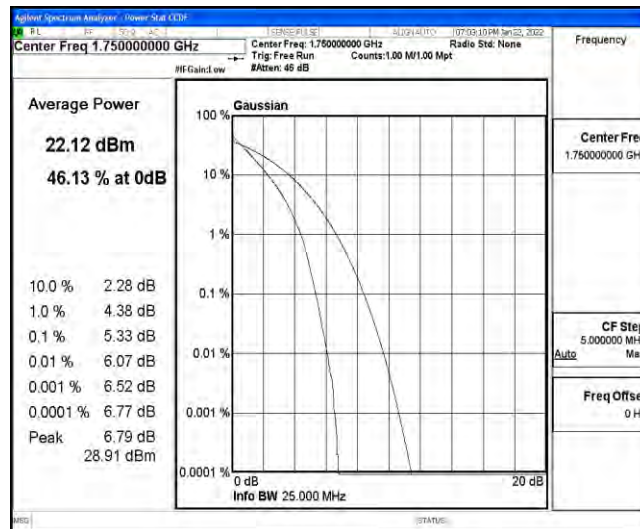
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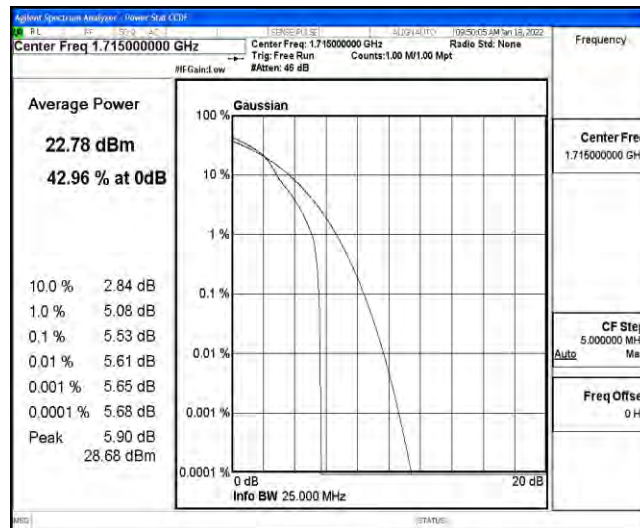
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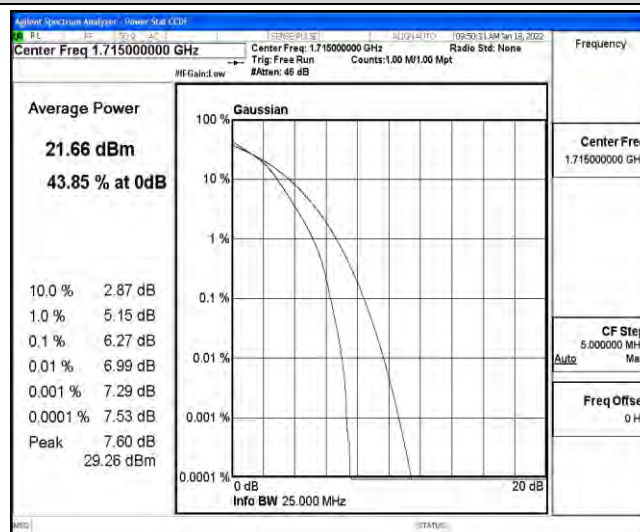
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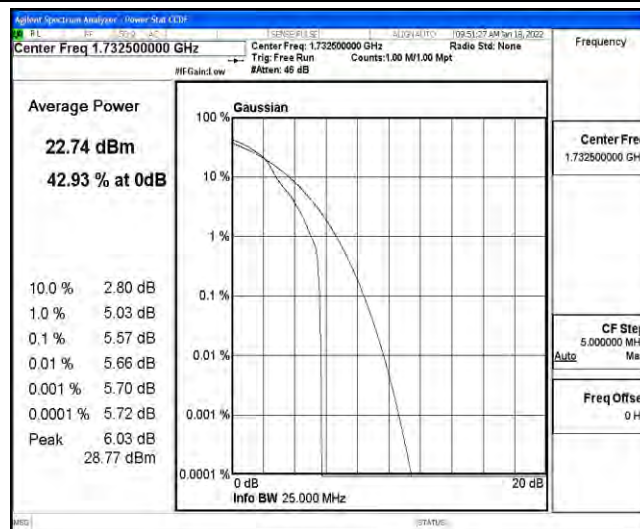
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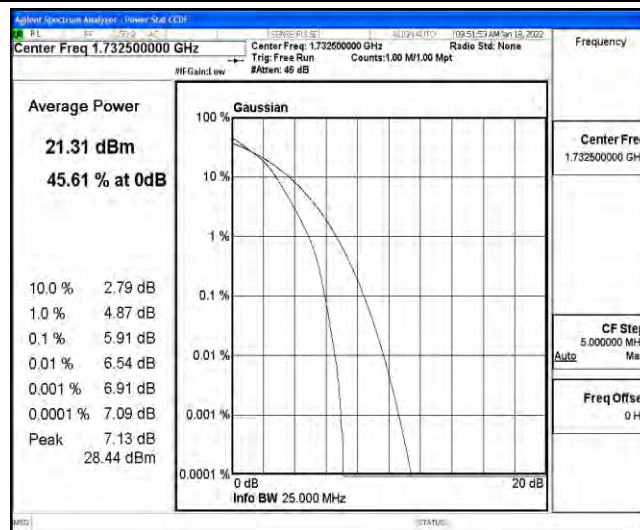
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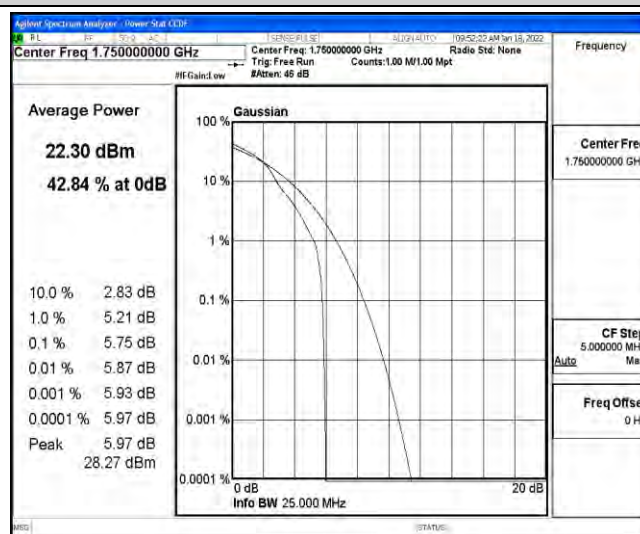
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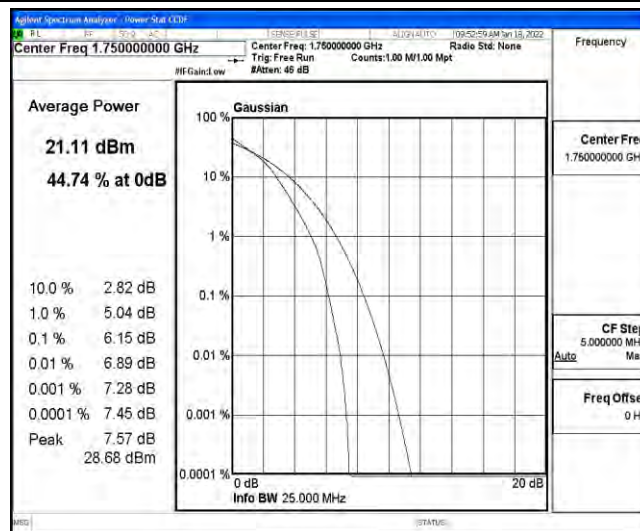
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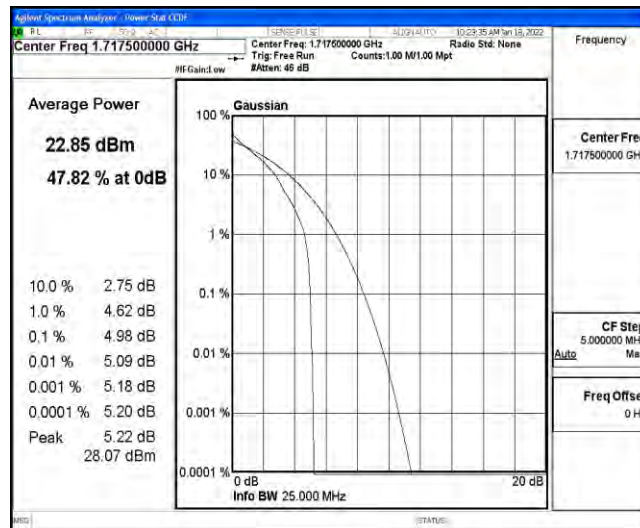
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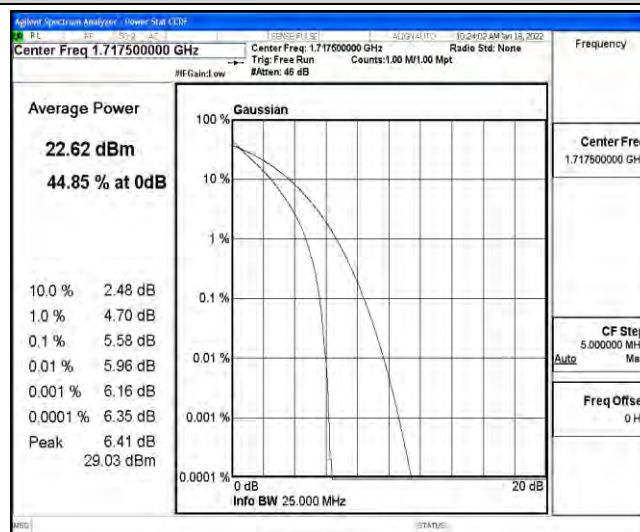
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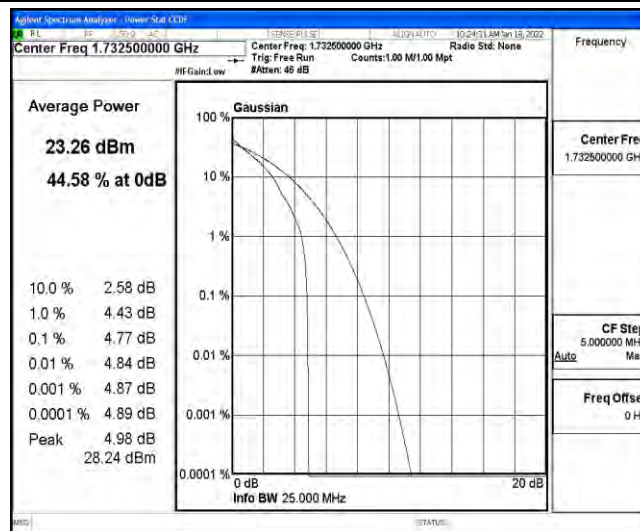
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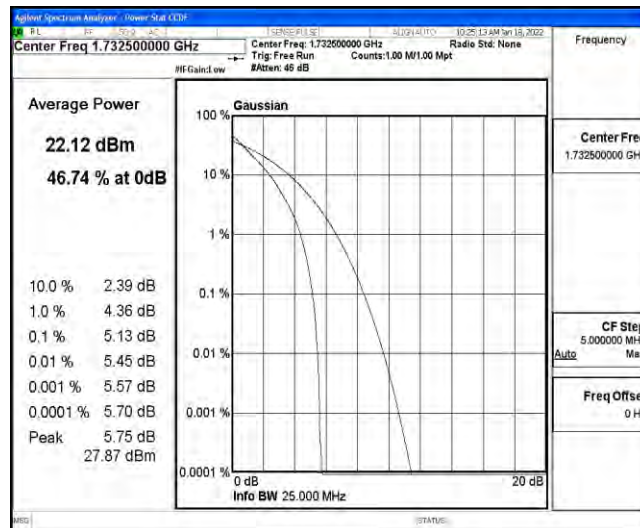
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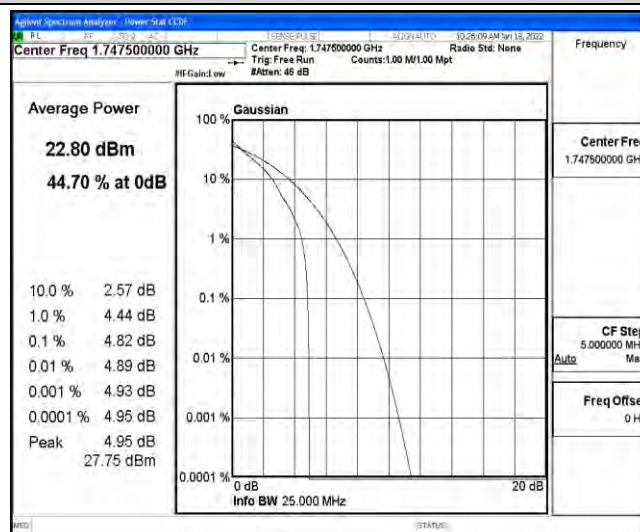
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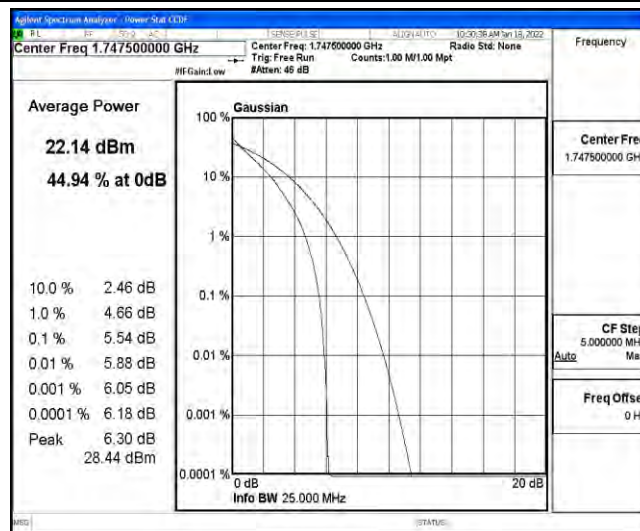
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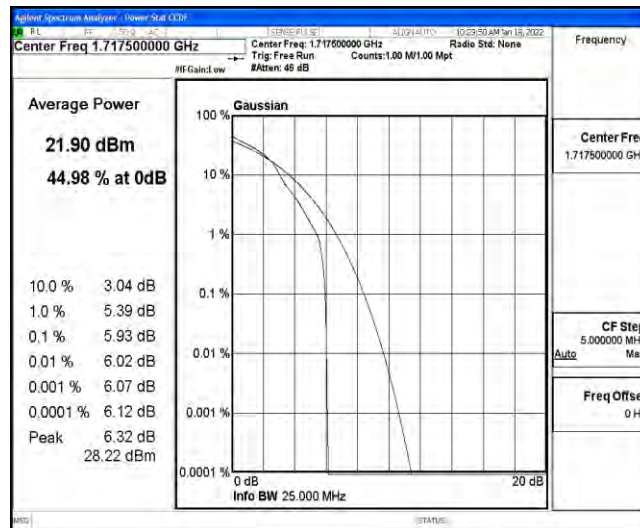
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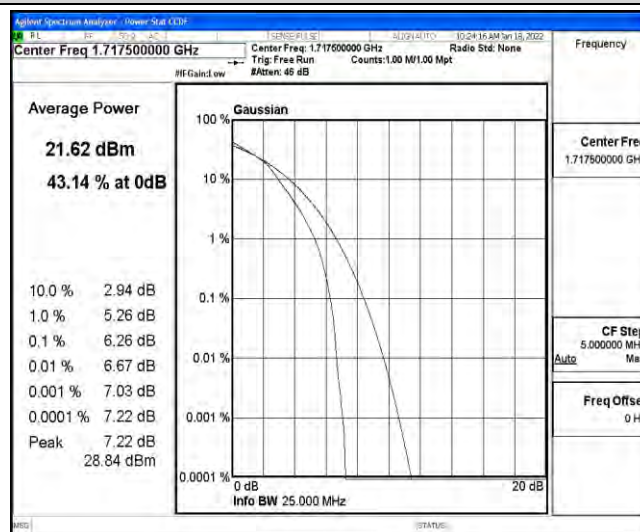
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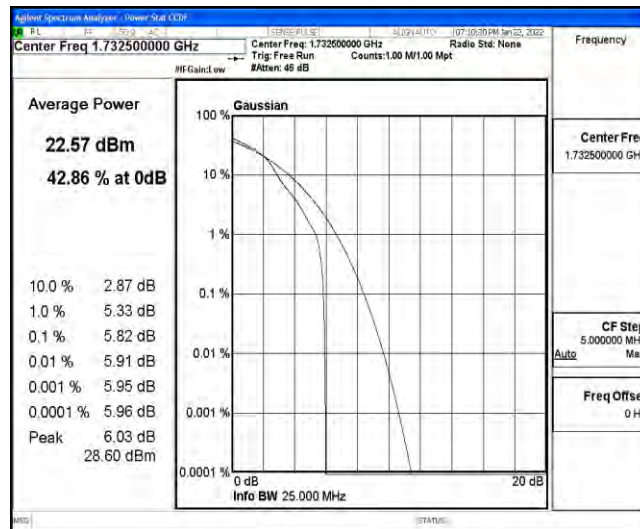
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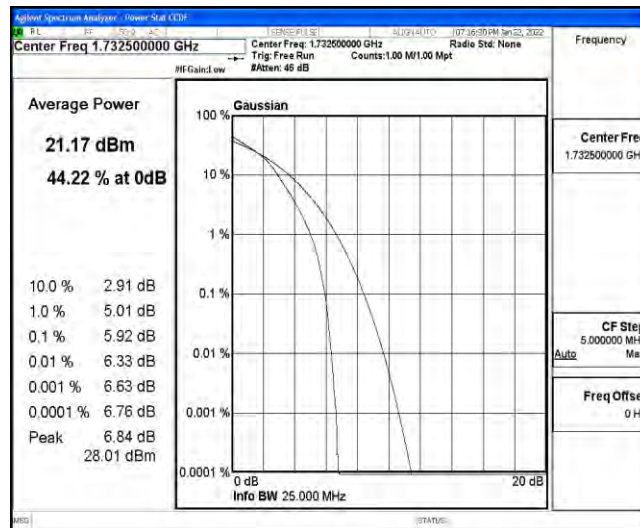
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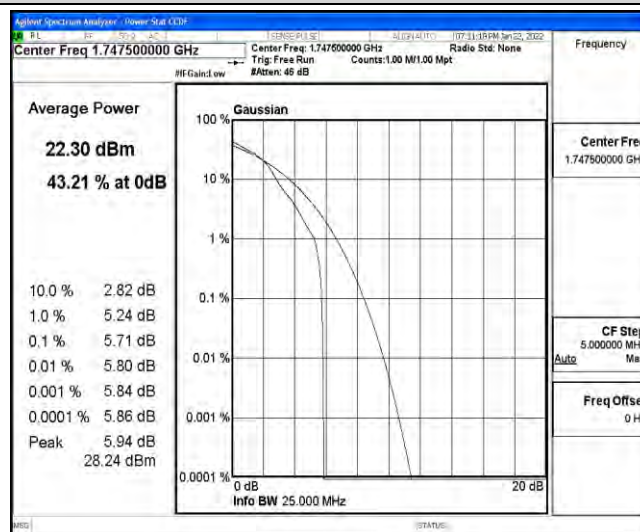
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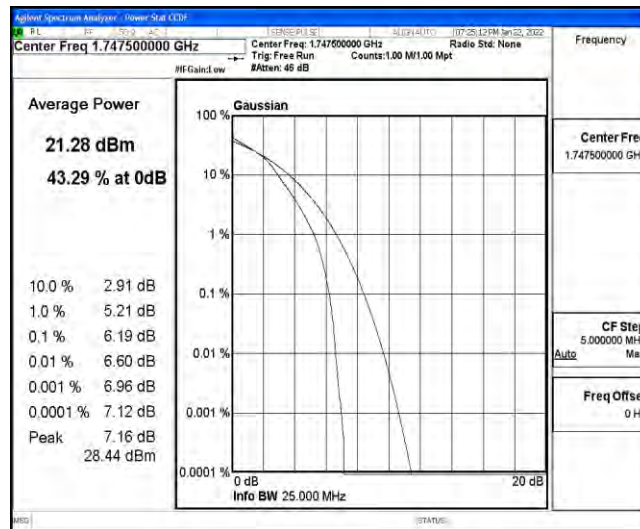
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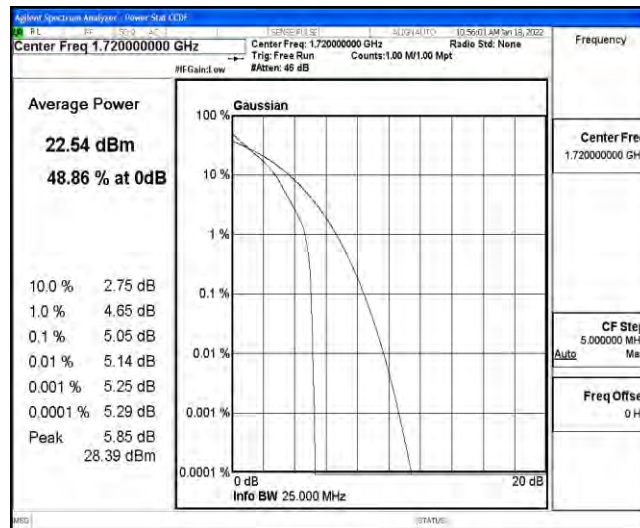
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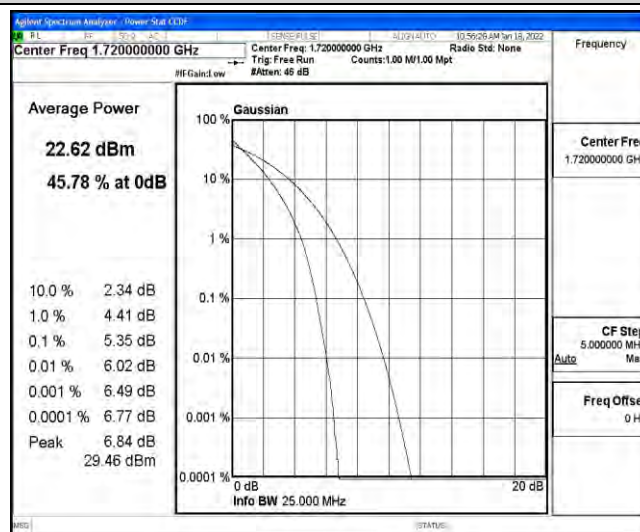
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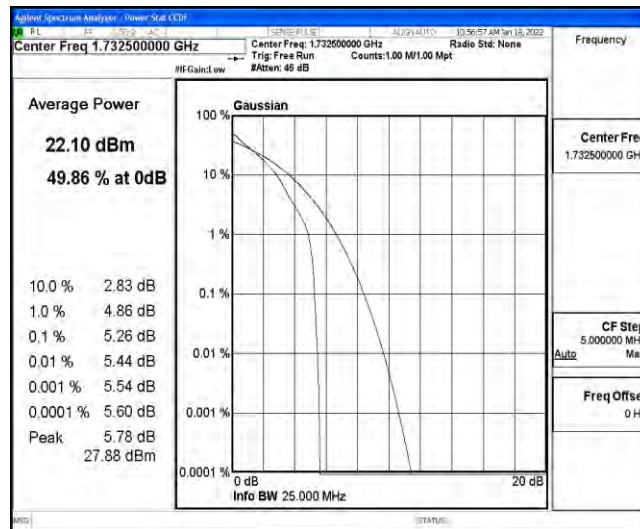
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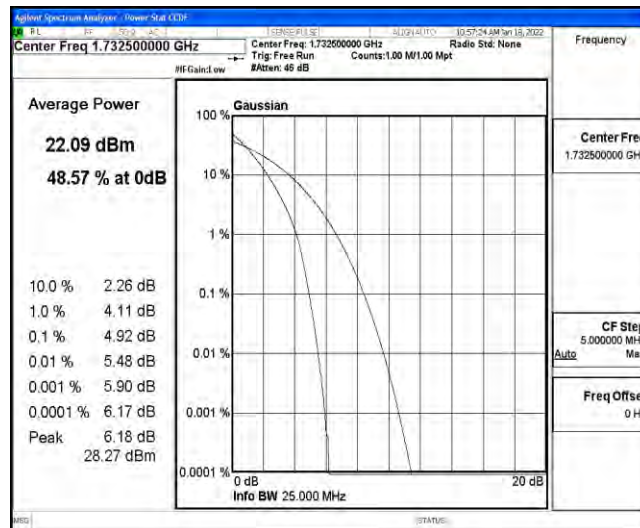
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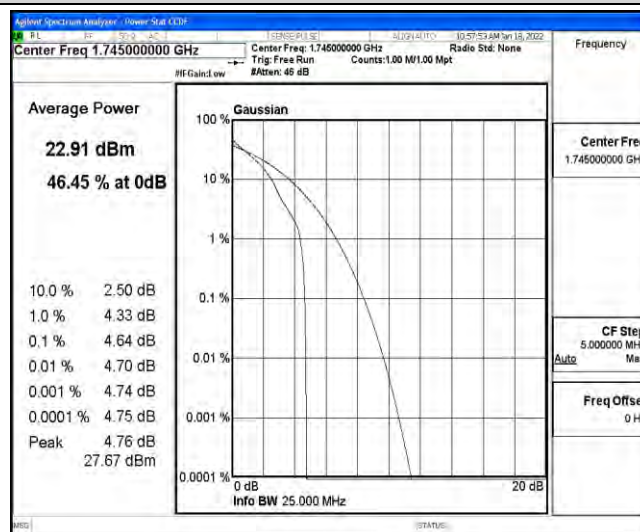
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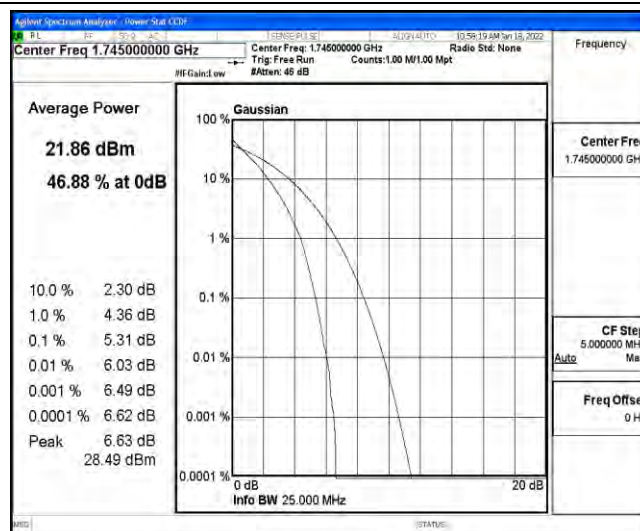
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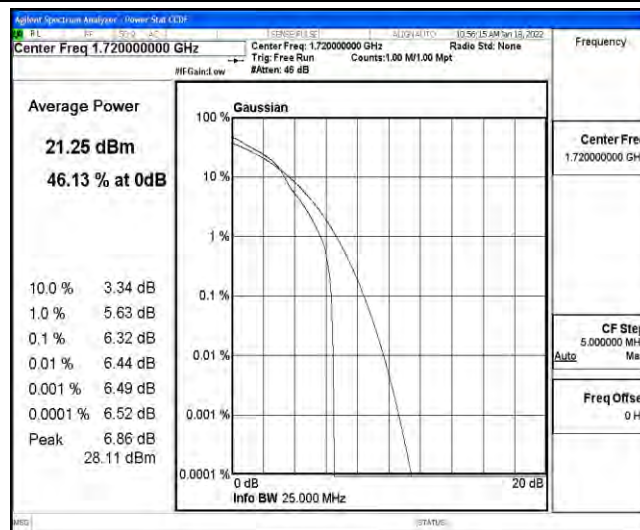
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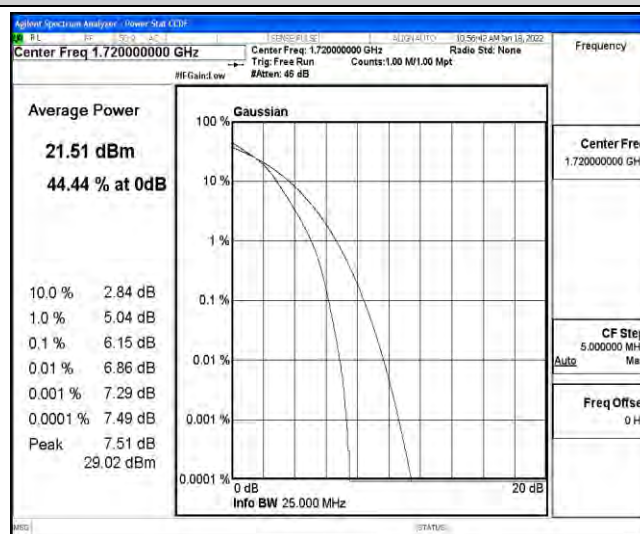
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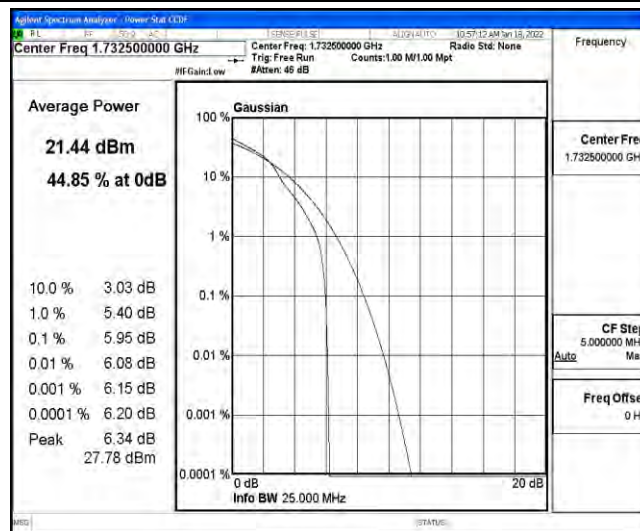
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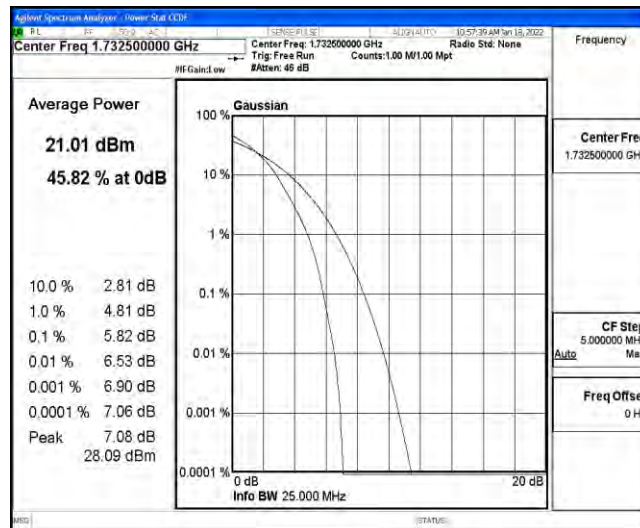
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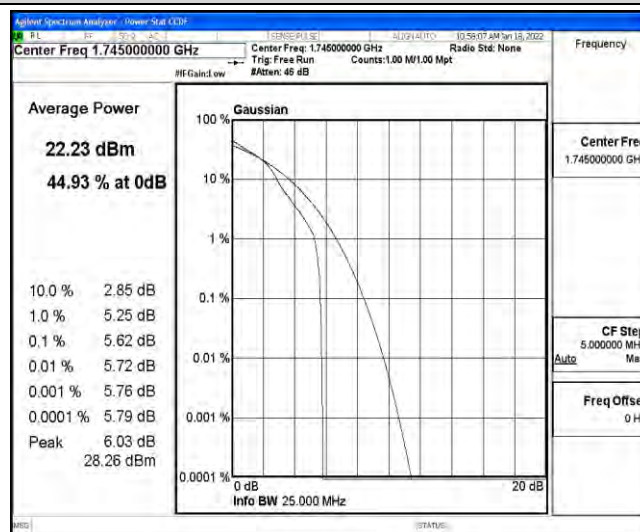
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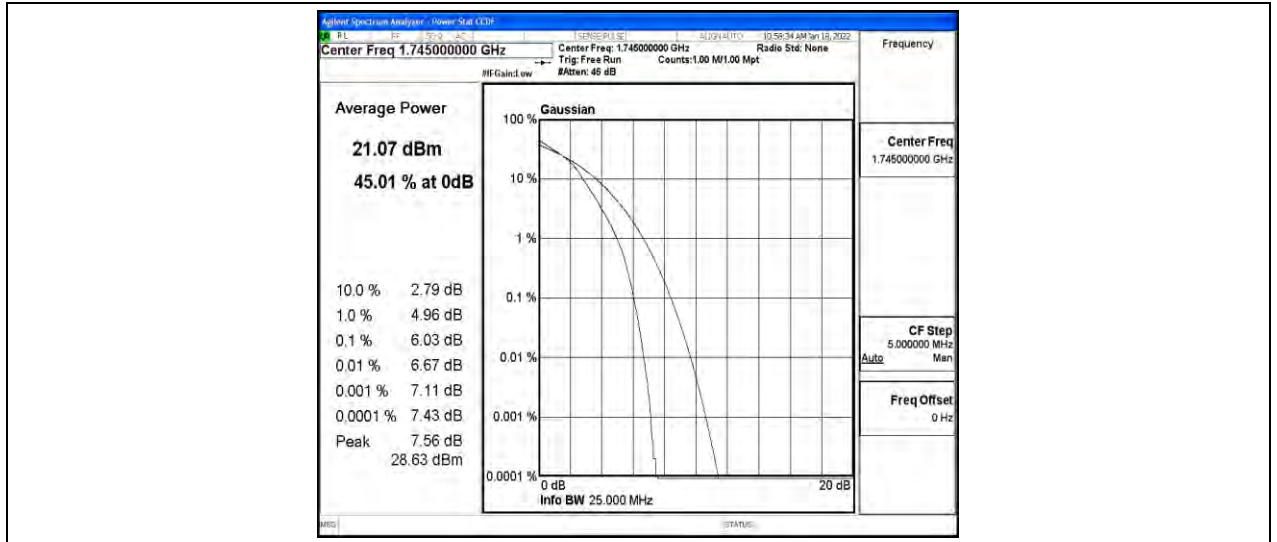
Band4-20MHz-16QAM-20175-100RB#0



Band4-20MHz-16QAM-20300-1RB#0



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





E.3 26dB Bandwidth and Occupied Bandwidth

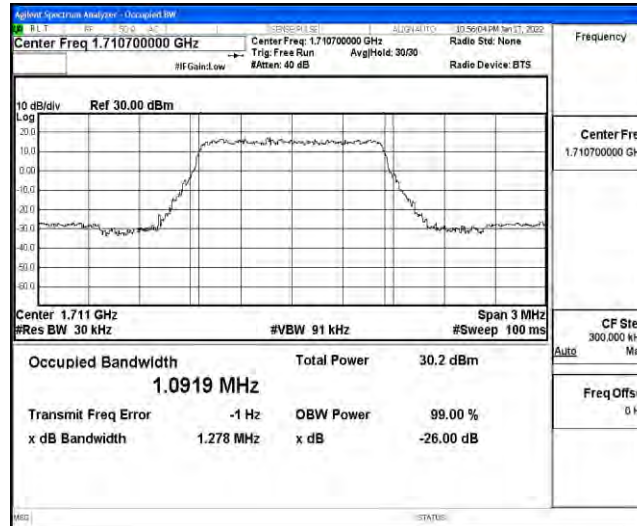
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0919	1.278	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0981	1.298	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0916	1.301	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0962	1.289	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0893	1.304	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0931	1.303	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6959	2.989	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6881	2.958	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6970	2.983	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6923	2.954	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6874	2.952	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6904	2.968	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5168	5.023	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5085	5.019	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4953	4.980	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5020	4.974	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5096	4.981	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5070	5.002	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9634	9.895	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9546	9.873	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9800	9.880	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9767	9.784	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9328	9.806	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9633	9.889	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.479	14.84	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.395	14.76	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.433	14.70	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.451	14.70	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.380	14.58	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.455	14.78	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.940	19.56	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.833	19.34	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.967	19.55	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.979	19.37	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.817	19.36	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.920	19.45	PASS

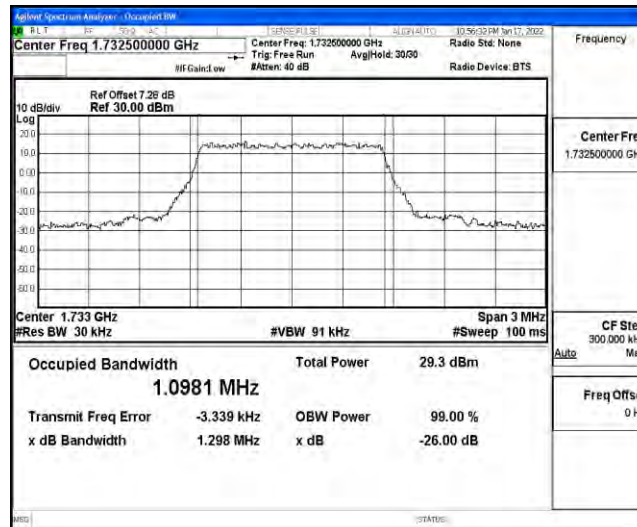


Test Graphs

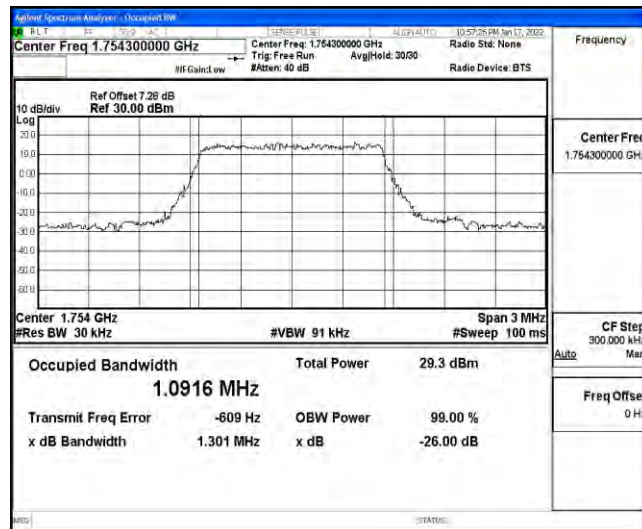
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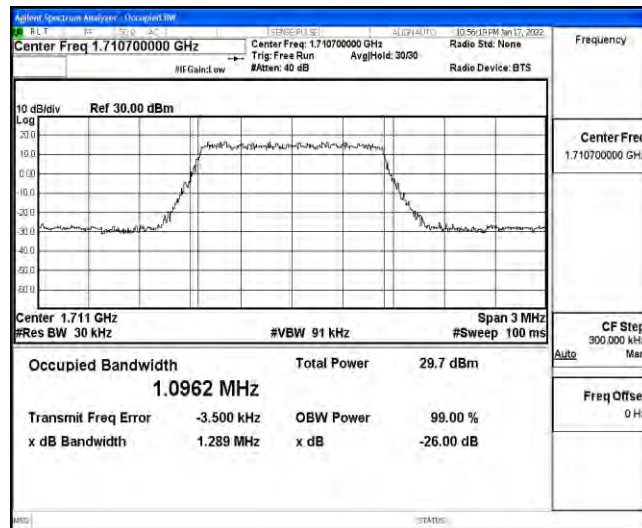
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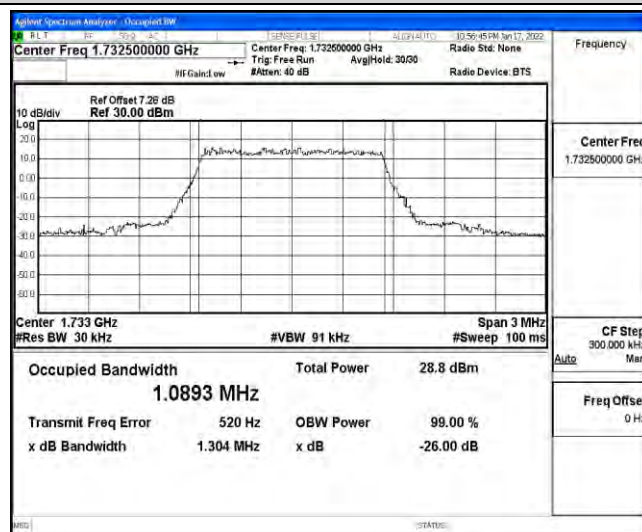
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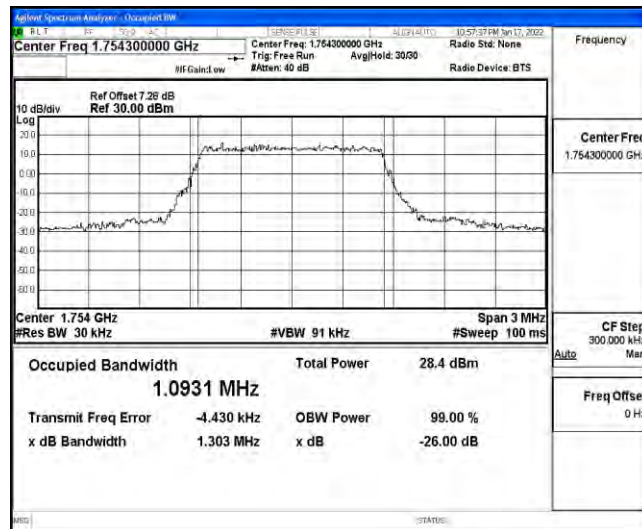
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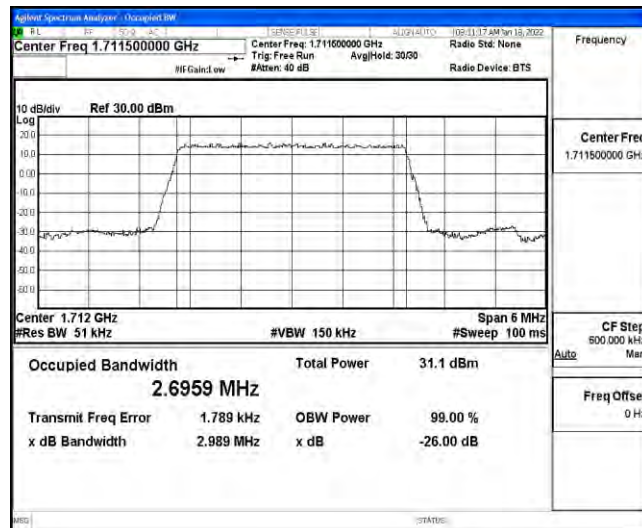
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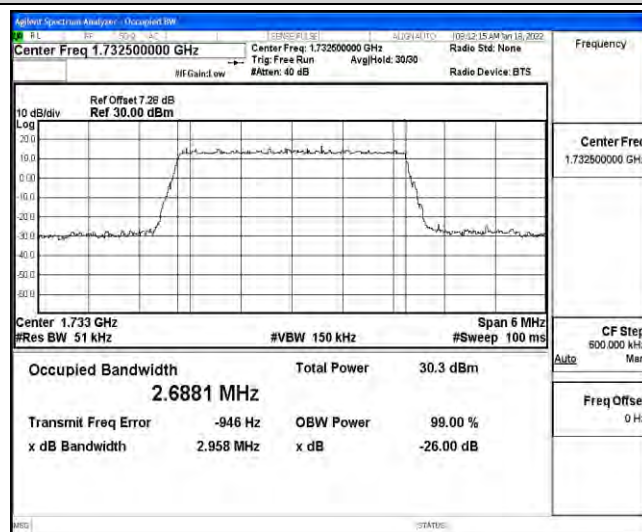
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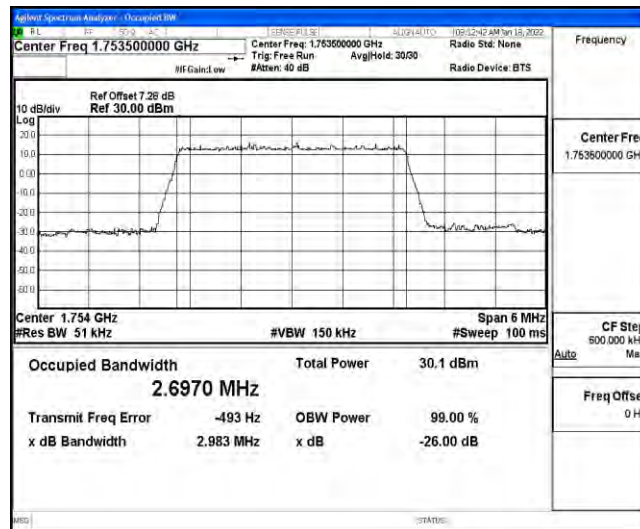
Band4-3MHz-QPSK-19965-15RB#0



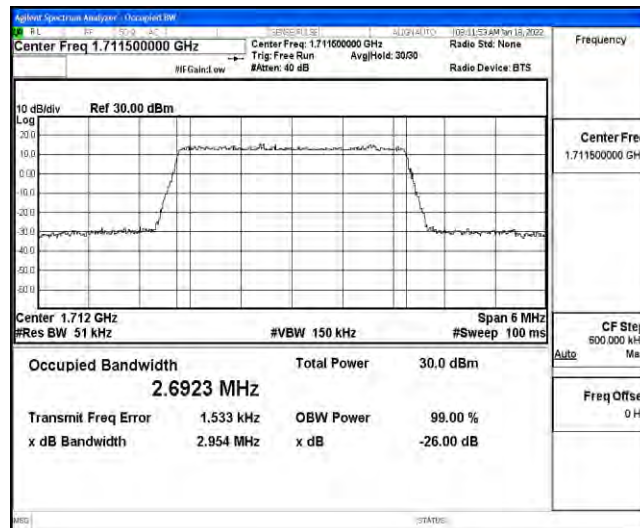
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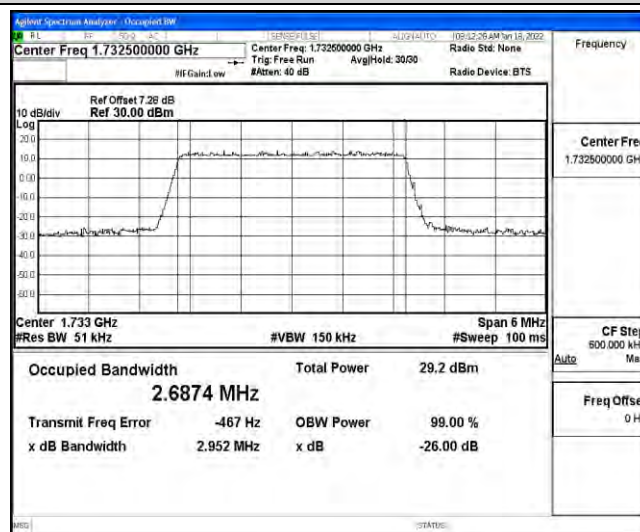
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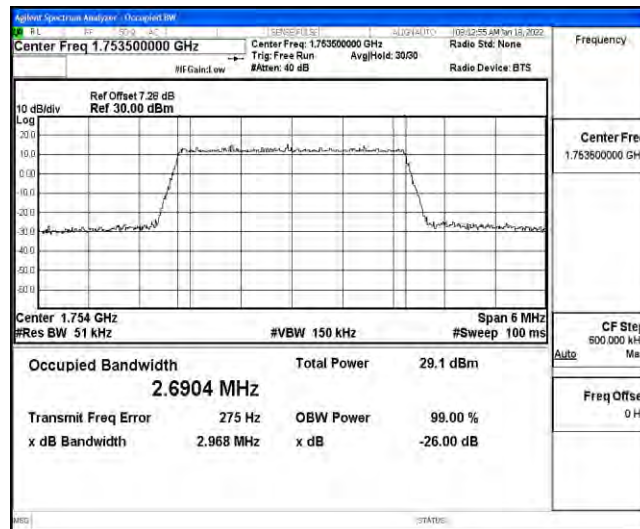
Band4-3MHz-16QAM-19965-15RB#0



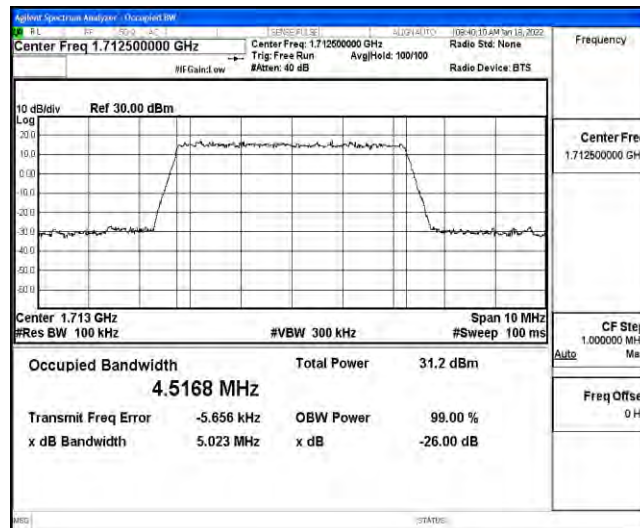
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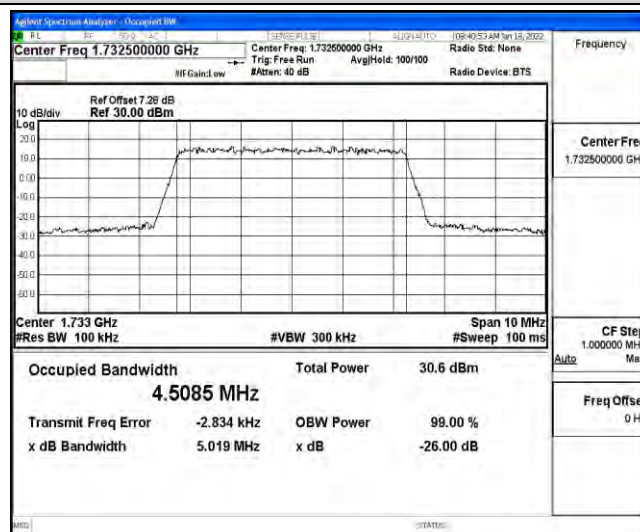
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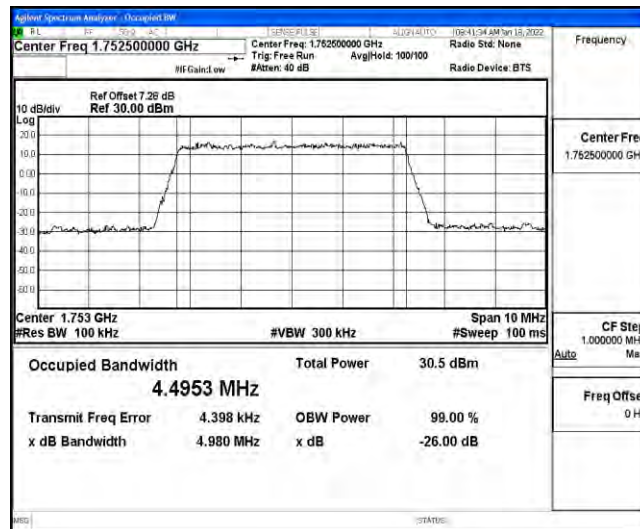
Band4-5MHz-QPSK-19975-25RB#0



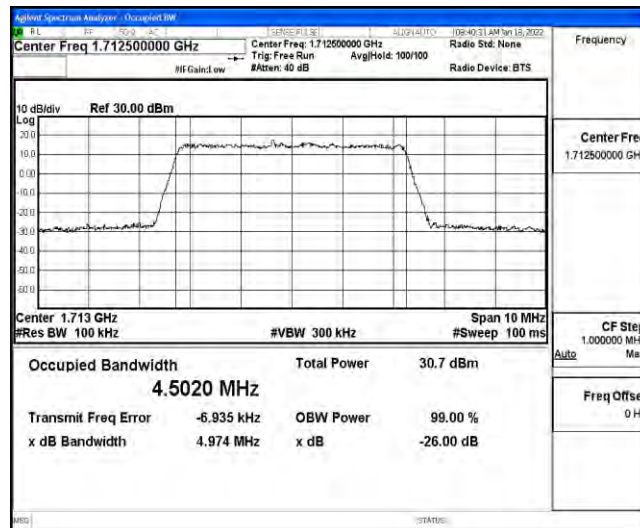
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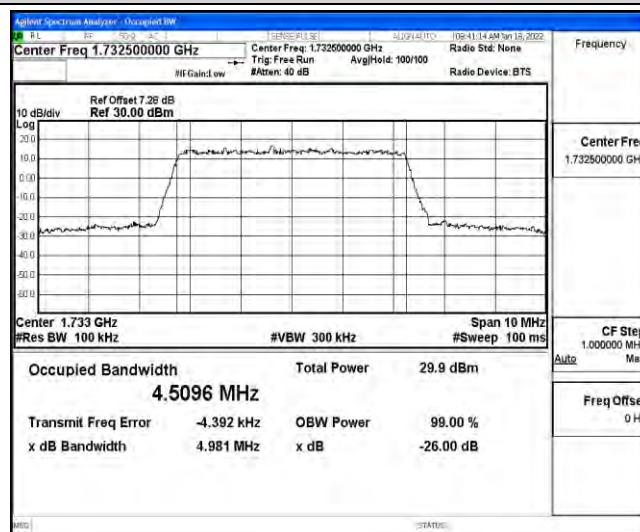
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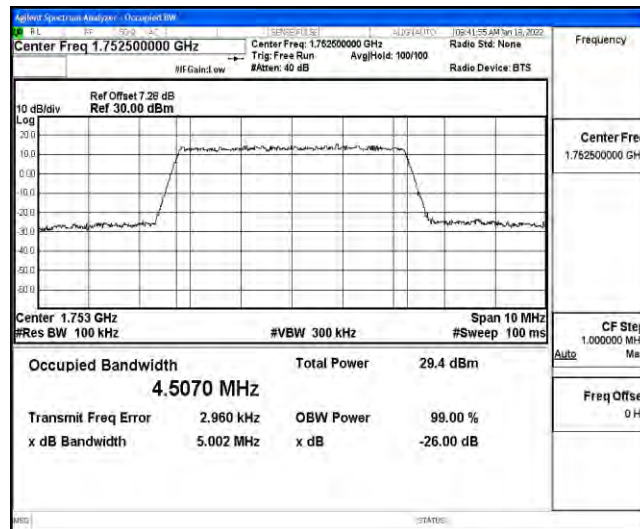
Band4-5MHz-16QAM-19975-25RB#0



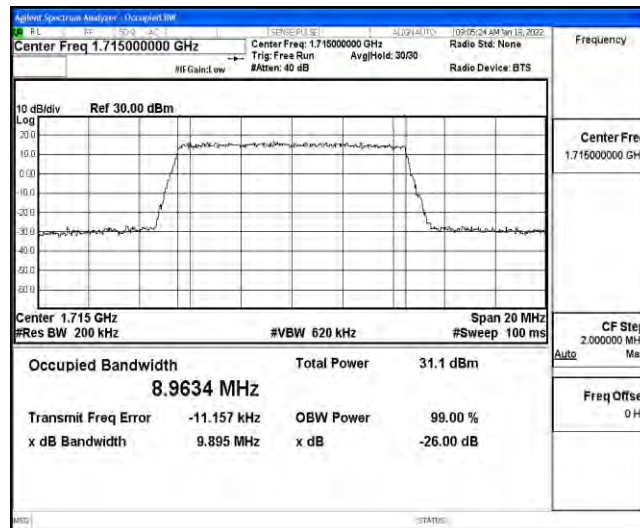
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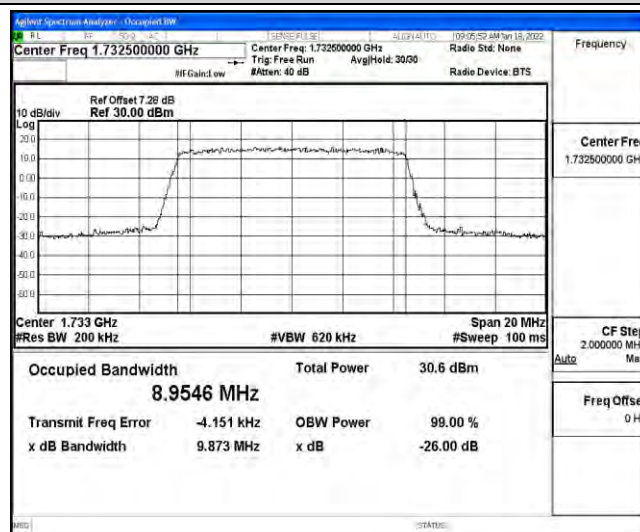
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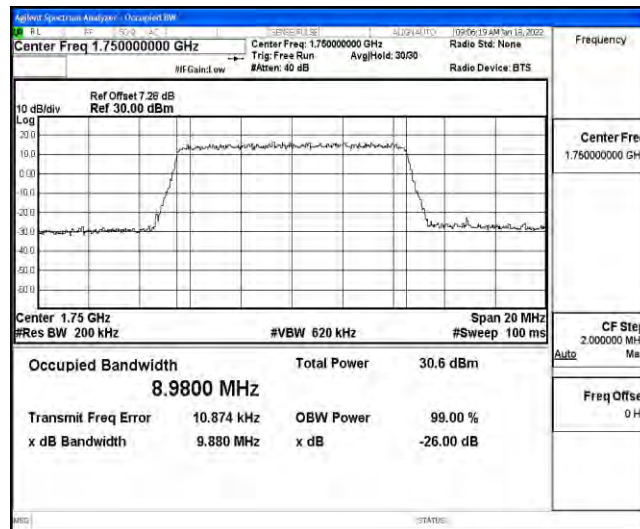
Band4-10MHz-QPSK-20000-50RB#0



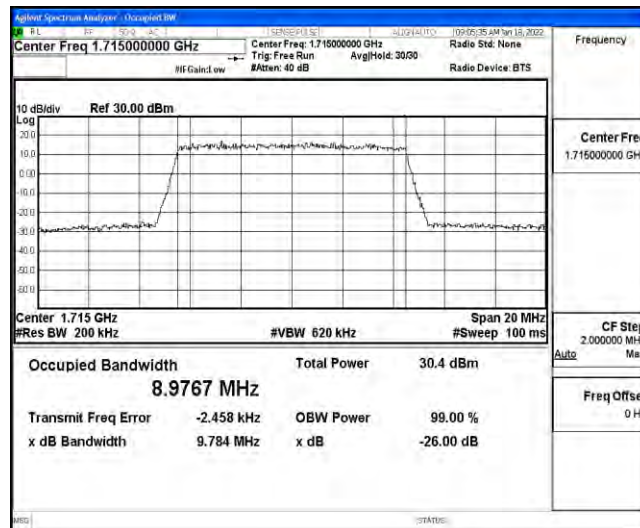
Band4-10MHz-QPSK-20175-50RB#0



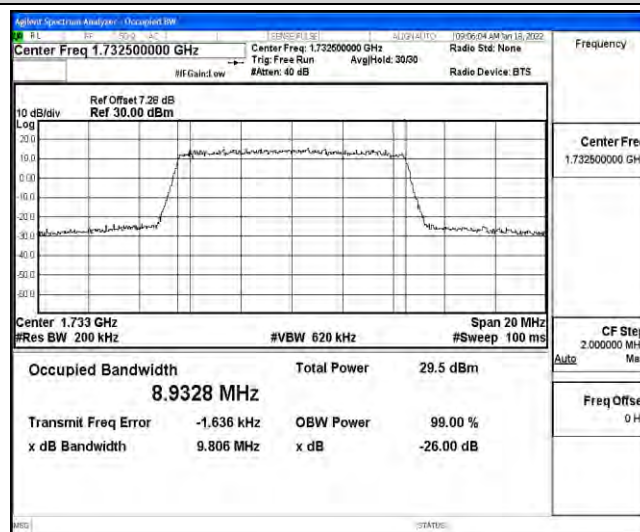
Band4-10MHz-QPSK-20350-50RB#0



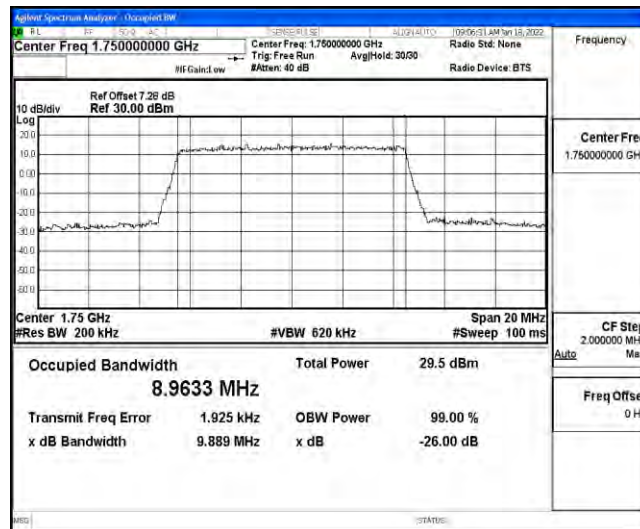
Band4-10MHz-16QAM-20000-50RB#0



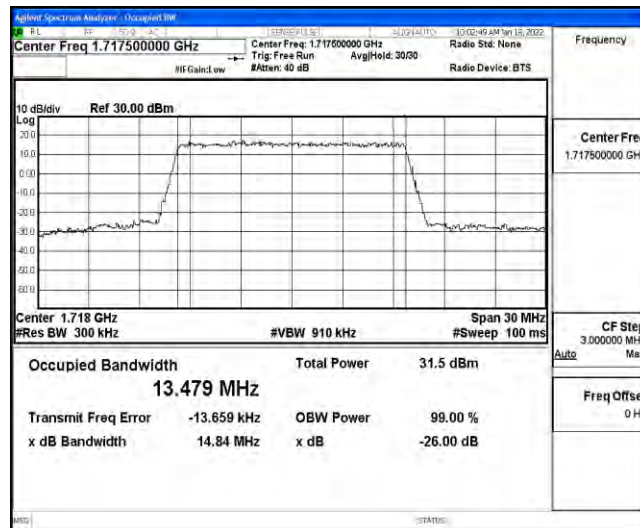
Band4-10MHz-16QAM-20175-50RB#0



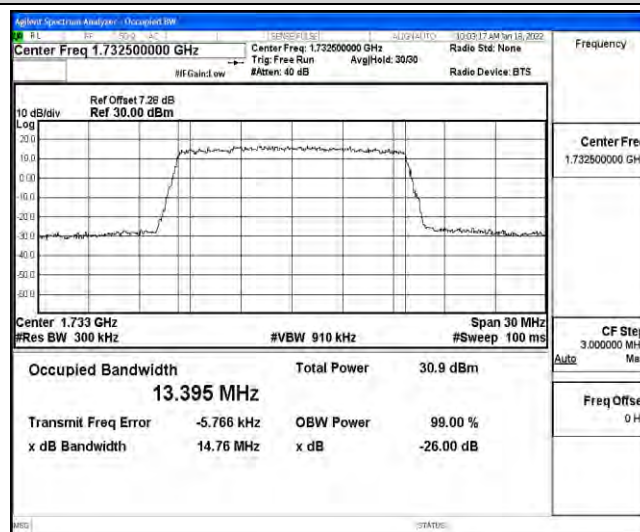
Band4-10MHz-16QAM-20350-50RB#0



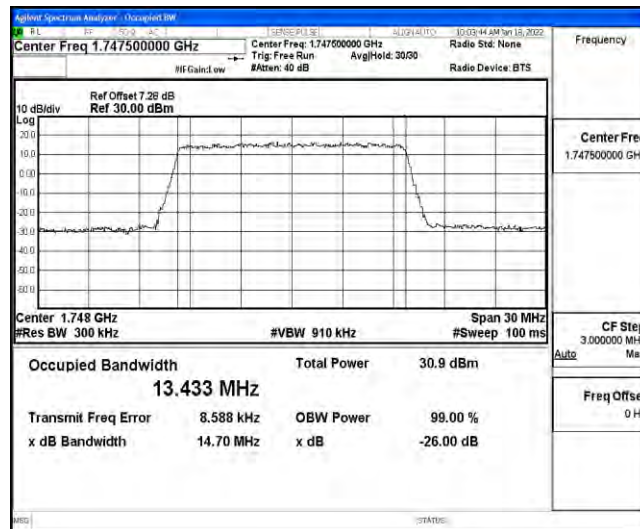
Band4-15MHz-QPSK-20025-75RB#0



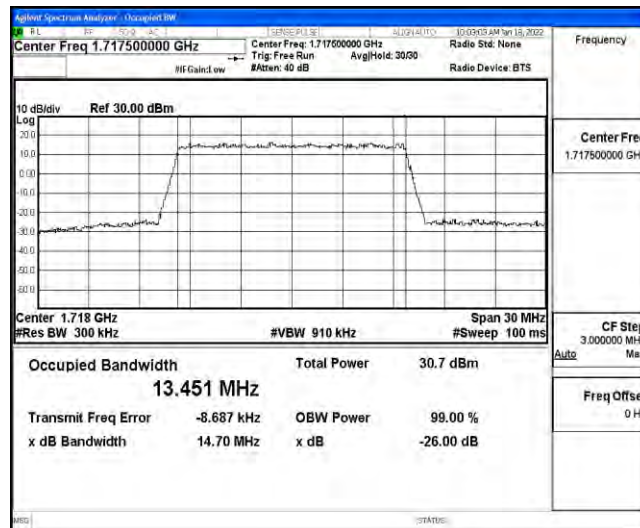
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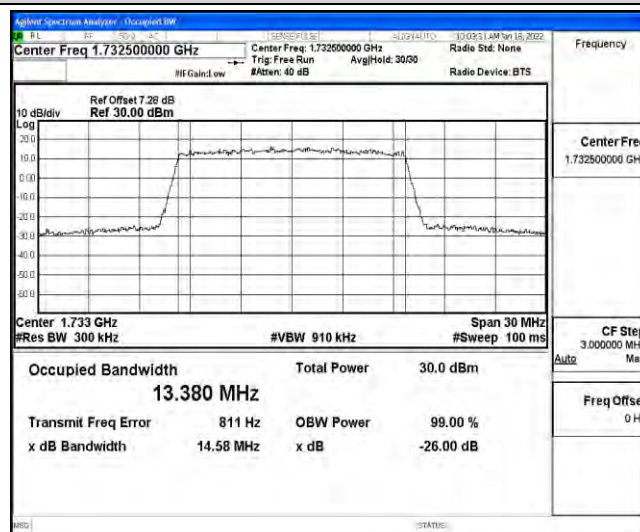
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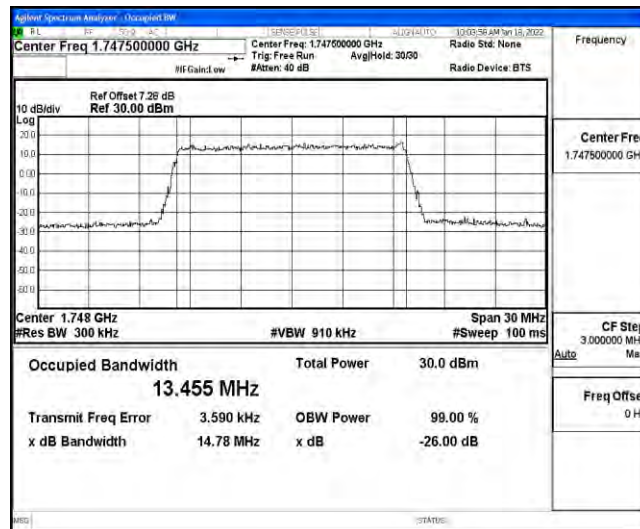
Band4-15MHz-16QAM-20025-75RB#0



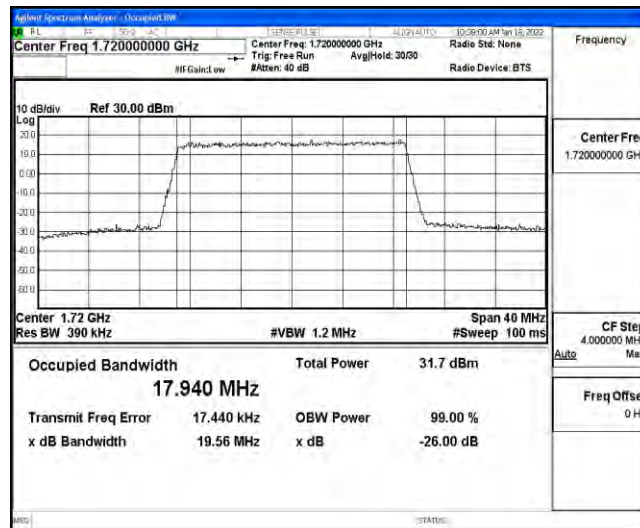
Band4-15MHz-16QAM-20175-75RB#0



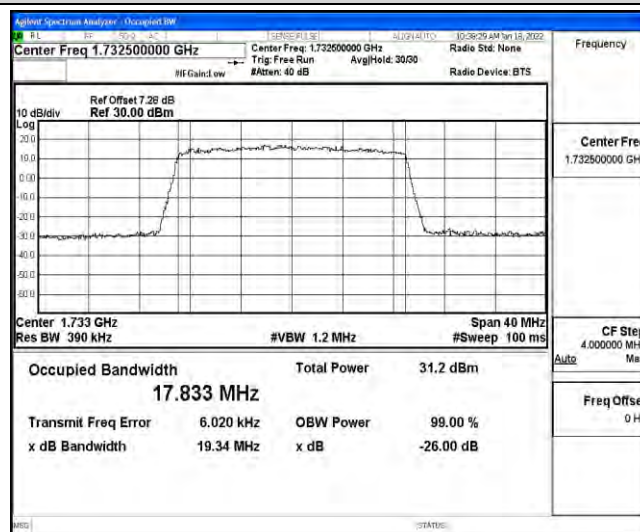
Band4-15MHz-16QAM-20325-75RB#0



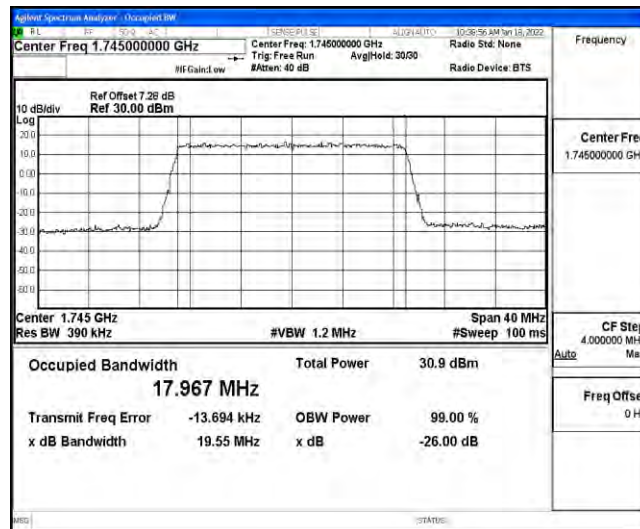
Band4-20MHz-QPSK-20050-100RB#0



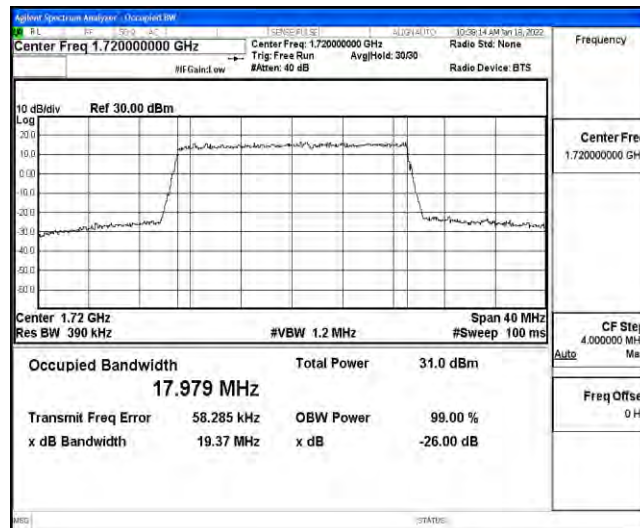
Band4-20MHz-QPSK-20175-100RB#0



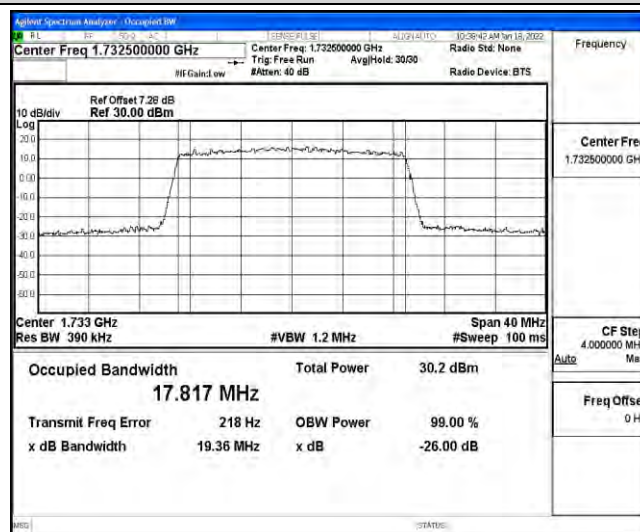
Band4-20MHz-QPSK-20300-100RB#0



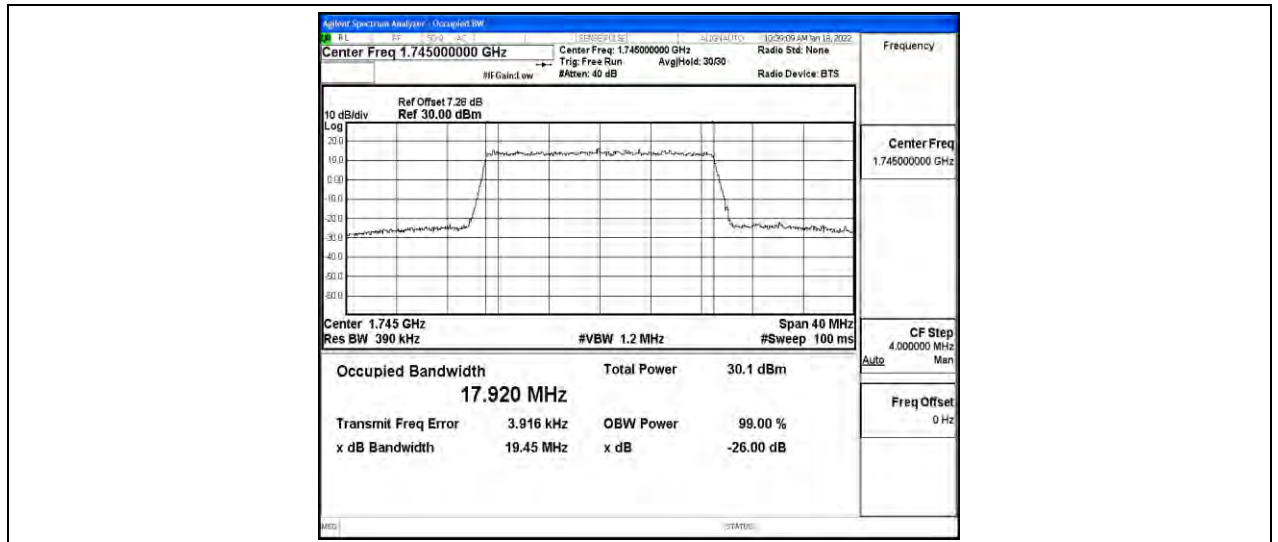
Band4-20MHz-16QAM-20050-100RB#0



Band4-20MHz-16QAM-20175-100RB#0



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





E.4 Band Edge

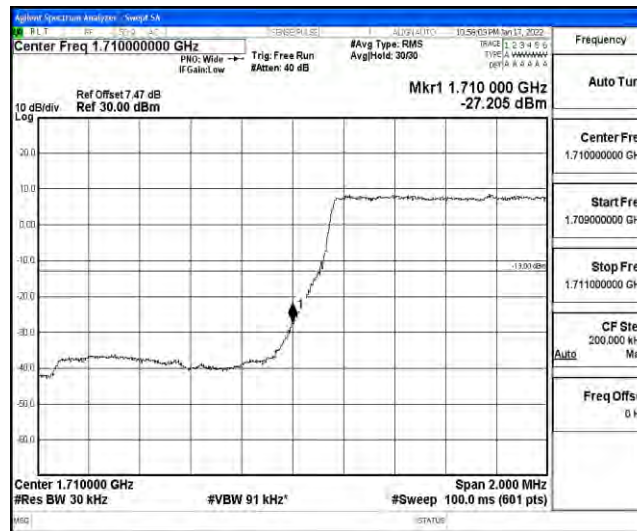
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-27.20	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-27.97	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-28.40	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-28.39	PASS
Band4	3MHz	QPSK	19965	15RB#0	-24.37	PASS
Band4	3MHz	QPSK	20385	15RB#0	-26.49	PASS
Band4	3MHz	16QAM	19965	15RB#0	-26.96	PASS
Band4	3MHz	16QAM	20385	15RB#0	-26.98	PASS
Band4	5MHz	QPSK	19975	25RB#0	-24.85	PASS
Band4	5MHz	QPSK	20375	25RB#0	-26.11	PASS
Band4	5MHz	16QAM	19975	25RB#0	-26.31	PASS
Band4	5MHz	16QAM	20375	25RB#0	-26.46	PASS
Band4	10MHz	QPSK	20000	50RB#0	-28.76	PASS
Band4	10MHz	QPSK	20350	50RB#0	-28.94	PASS
Band4	10MHz	16QAM	20000	50RB#0	-30.38	PASS
Band4	10MHz	16QAM	20350	50RB#0	-28.79	PASS
Band4	15MHz	QPSK	20025	75RB#0	-30.81	PASS
Band4	15MHz	QPSK	20325	75RB#0	-30.73	PASS
Band4	15MHz	16QAM	20025	75RB#0	-32.46	PASS
Band4	15MHz	16QAM	20325	75RB#0	-31.31	PASS
Band4	20MHz	QPSK	20050	100RB#0	-34.38	PASS
Band4	20MHz	QPSK	20300	100RB#0	-32.27	PASS
Band4	20MHz	16QAM	20050	100RB#0	-33.97	PASS
Band4	20MHz	16QAM	20300	100RB#0	-31.66	PASS

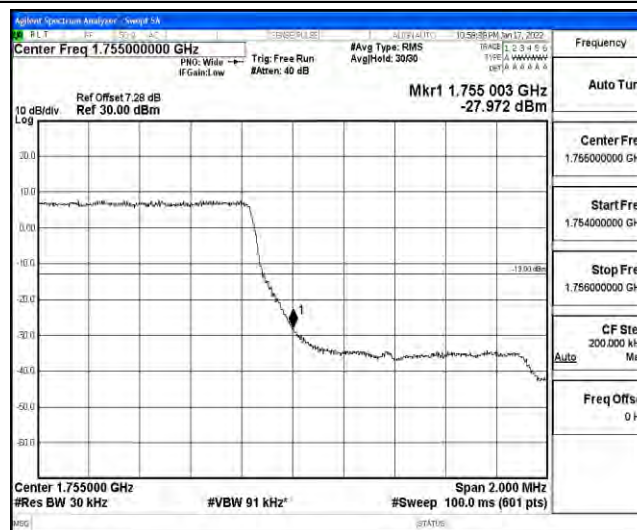


Test Graphs

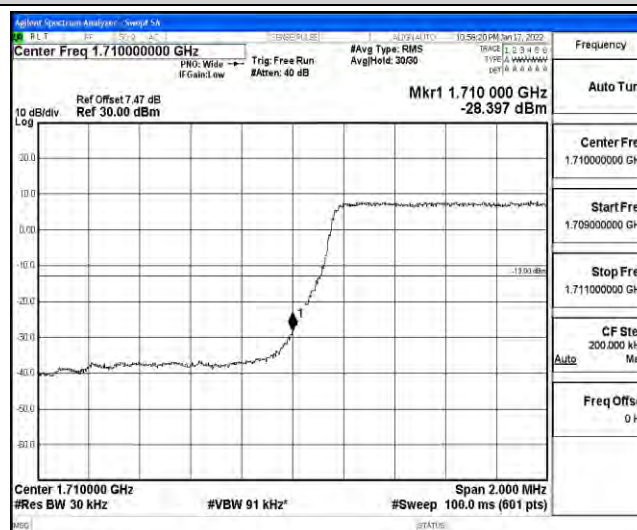
Band4-1.4MHz-QPSK-19957-6RB#0



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

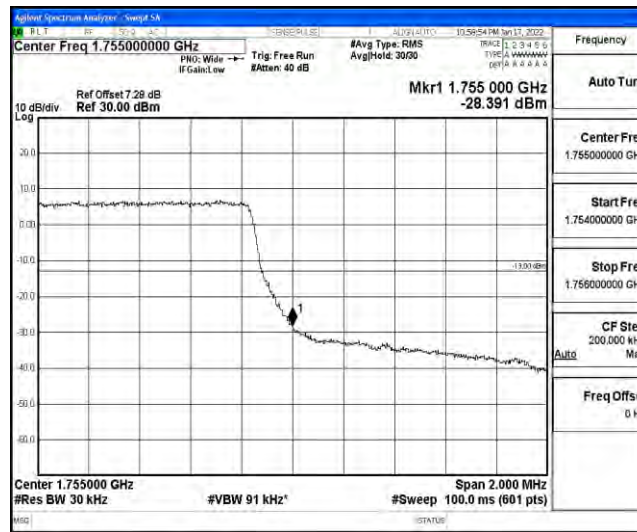


Band4-1.4MHz-16QAM-19957-6RB#0

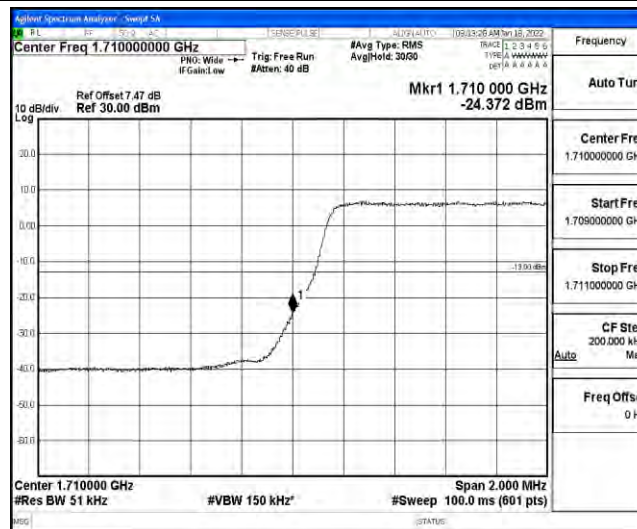




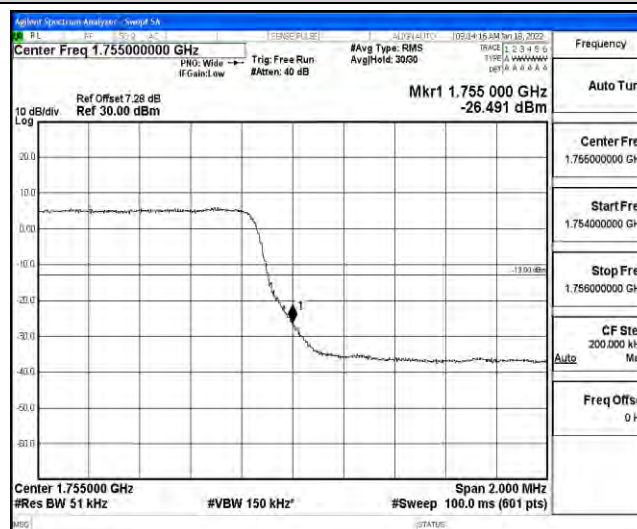
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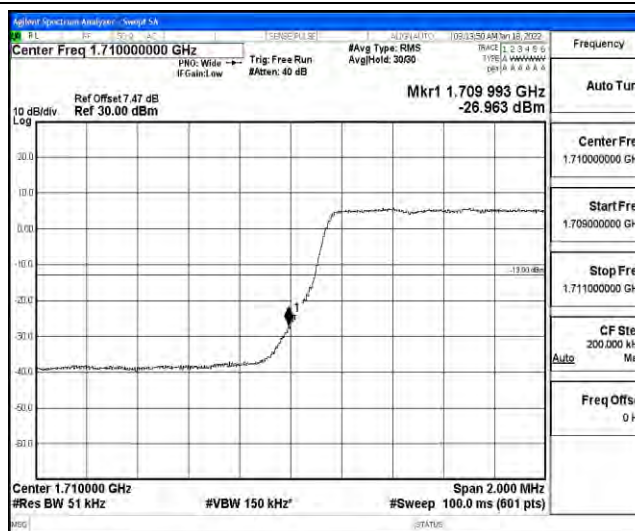
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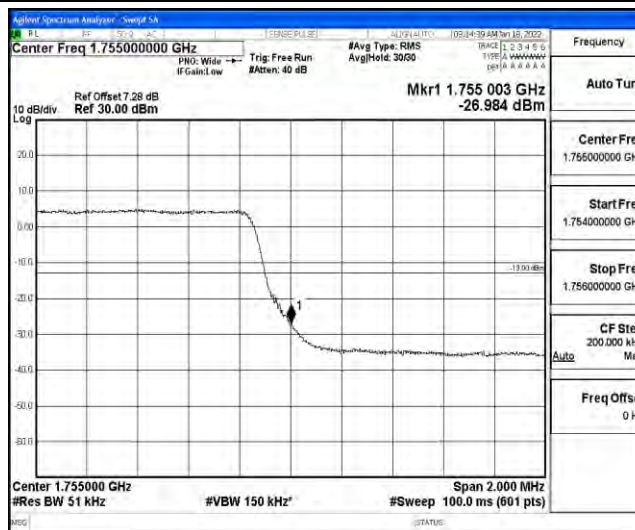
Band4-3MHz-QPSK-20385-15RB#0



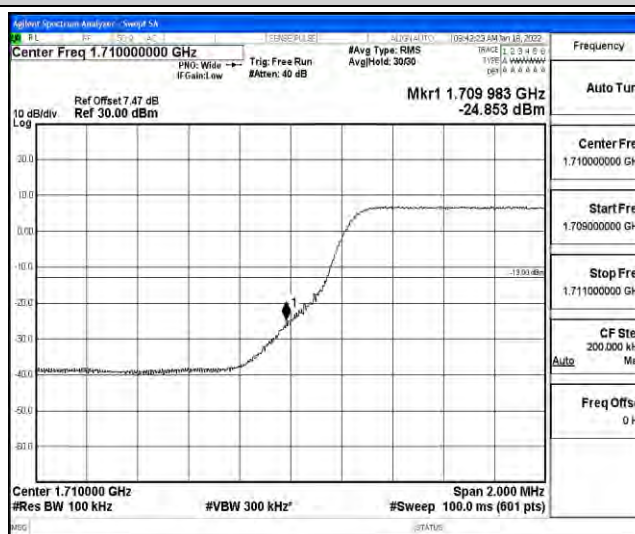
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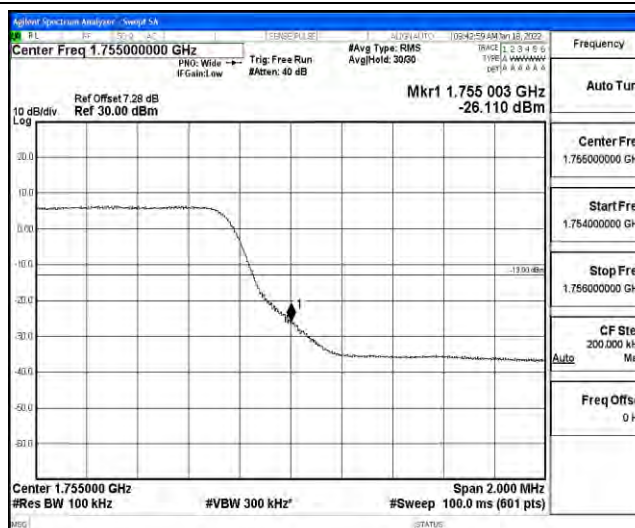
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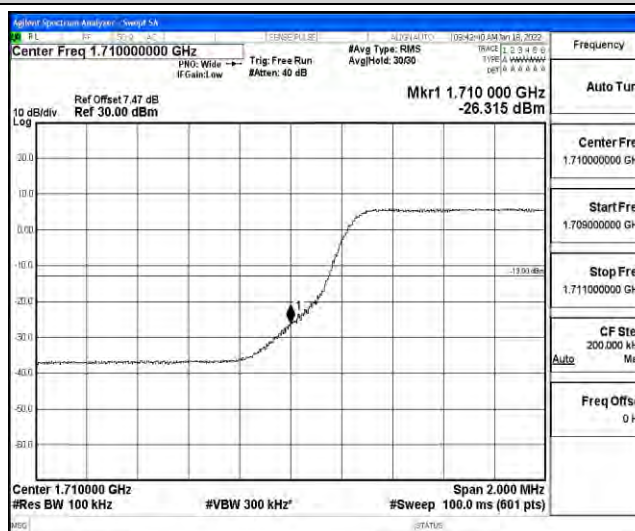
Band4-5MHz-QPSK-19975-25RB#0



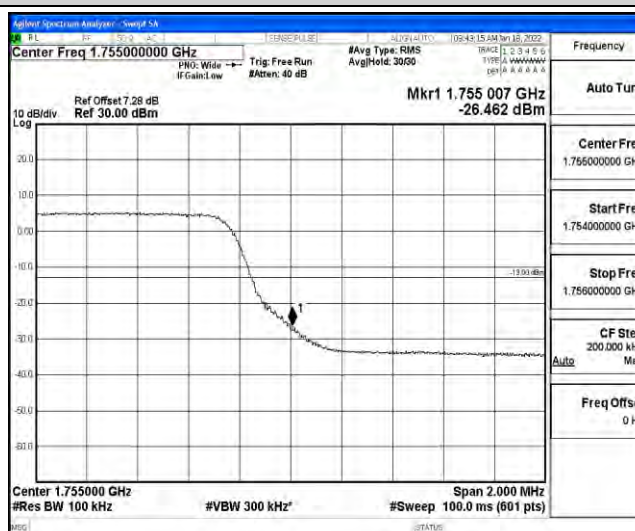
Band4-5MHz-QPSK-20375-25RB#0



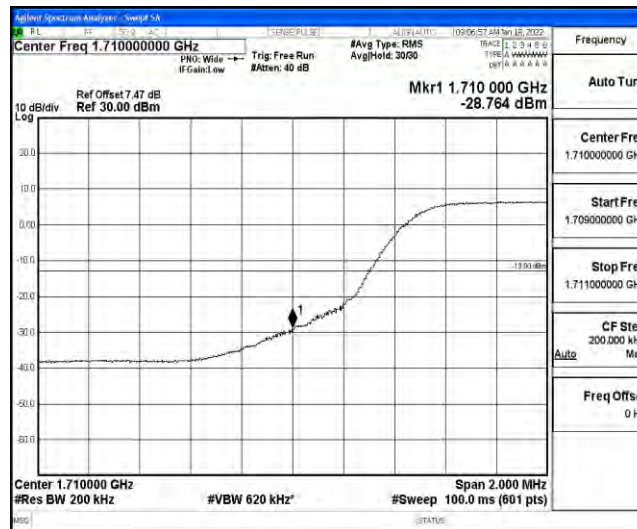
Band4-5MHz-16QAM-19975-25RB#0



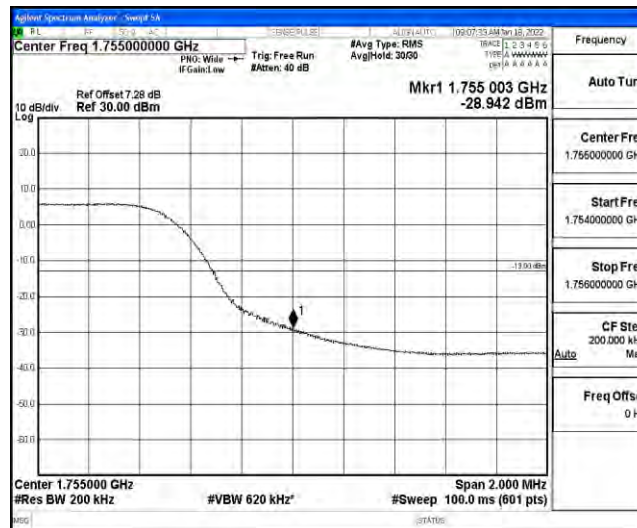
Band4-5MHz-16QAM-20375-25RB#0



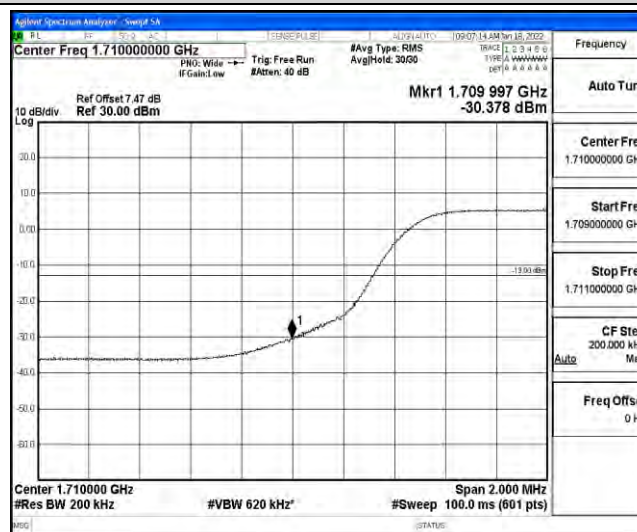
Band4-10MHz-QPSK-20000-50RB#0



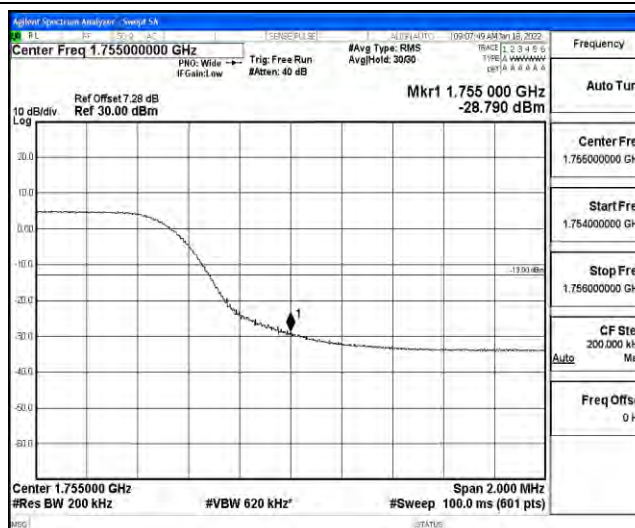
Band4-10MHz-QPSK-20350-50RB#0



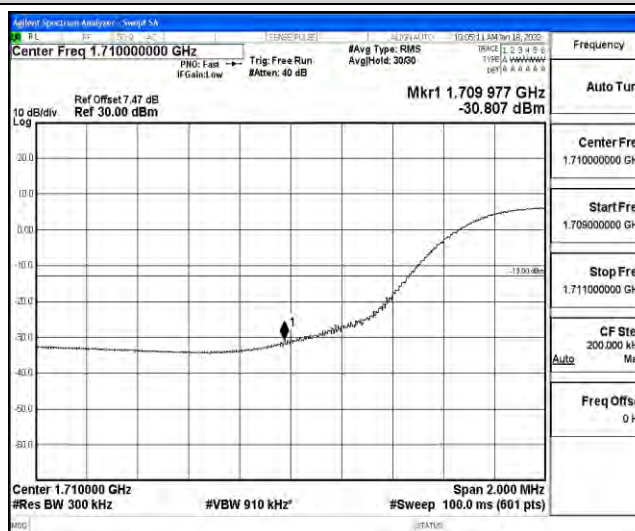
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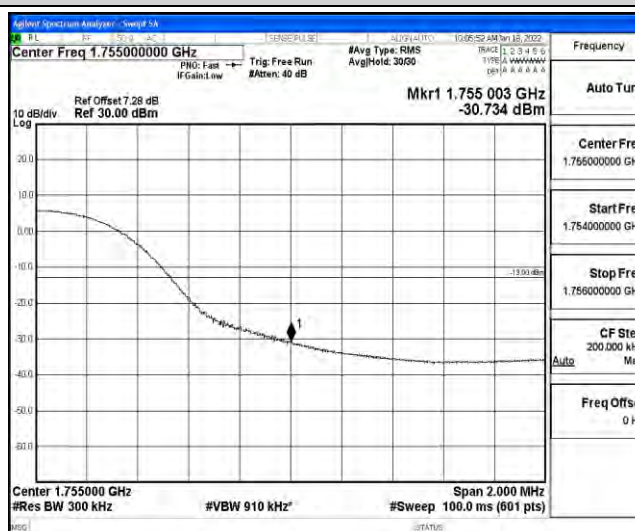
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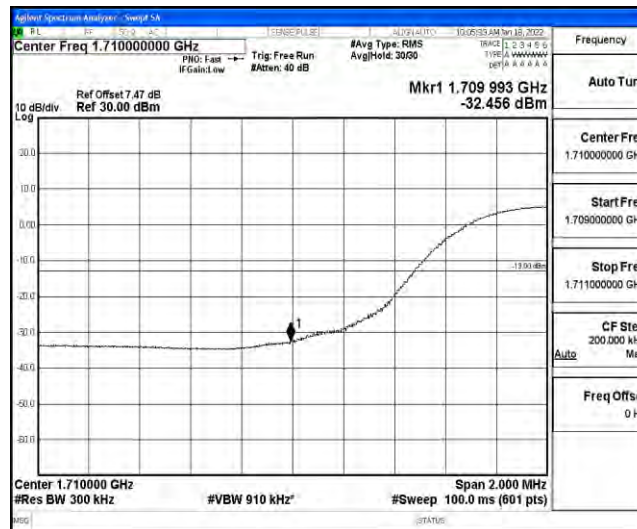
Band4-15MHz-QPSK-20025-75RB#0



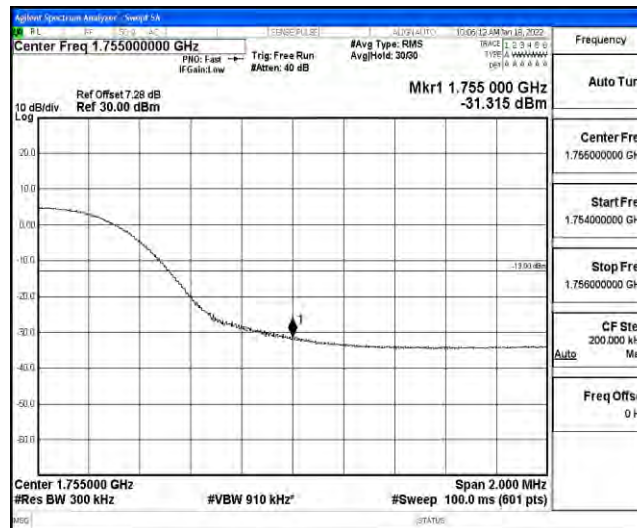
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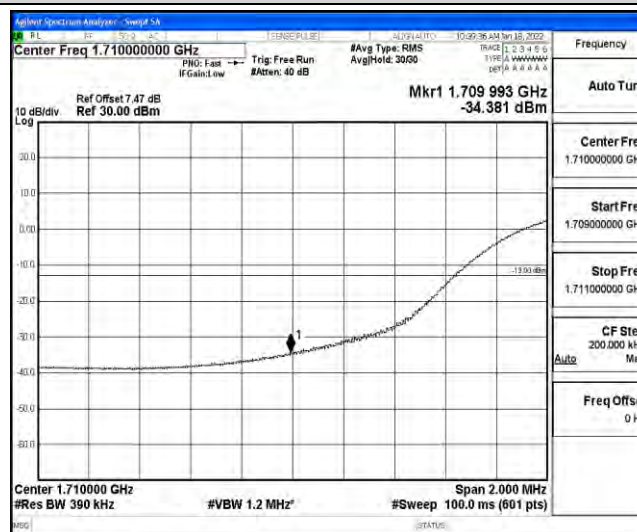
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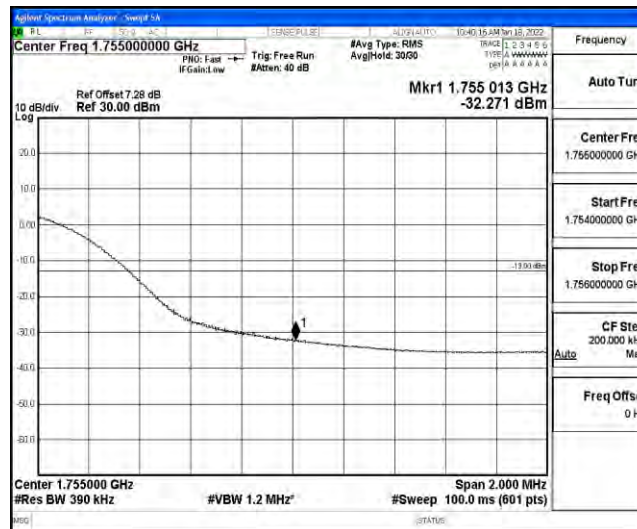
Band4-15MHz-16QAM-20325-75RB#0



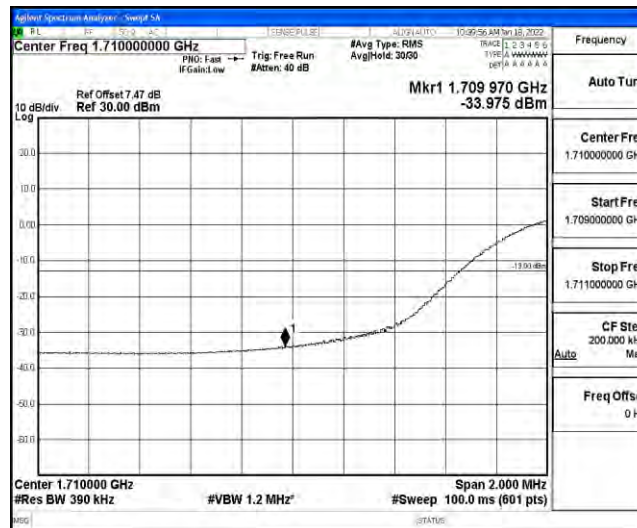
Band4-20MHz-QPSK-20050-100RB#0



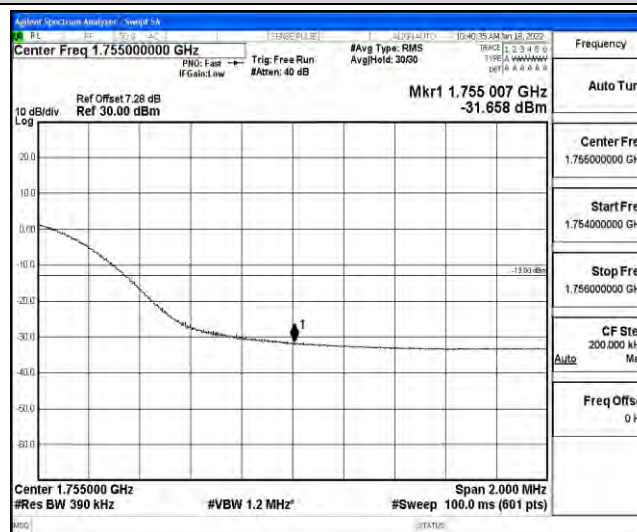
Band4-20MHz-QPSK-20300-100RB#0



Band4-20MHz-16QAM-20050-100RB#0



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





E.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	Range1:0.009~0.15MHz	-55.49	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range2:0.15~30MHz	-51.27	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range3:30~1000MHz	-40.68	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range4:1000~10000MHz	-44.4	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range5:10000~20000MHz	-32.51	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-54.65	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-50.41	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-41.59	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range4:1000~10000MHz	-44.51	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range5:10000~20000MHz	-32.5	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range1:0.009~0.15MHz	-53.73	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range2:0.15~30MHz	-49.27	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range3:30~1000MHz	-41.28	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range4:1000~10000MHz	-44.46	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range5:10000~20000MHz	-32.49	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range1:0.009~0.15MHz	-55.65	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range2:0.15~30MHz	-51.19	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range3:30~1000MHz	-41.87	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range4:1000~10000MHz	-44.35	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range5:10000~20000MHz	-32.53	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-54.61	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-50.58	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-40.47	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range4:1000~10000MHz	-44.47	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range5:10000~20000MHz	-32.51	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range1:0.009~0.15MHz	-53.62	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range2:0.15~30MHz	-50.28	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range3:30~1000MHz	-41.97	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range4:1000~10000MHz	-44.46	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range5:10000~20000MHz	-32.66	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range1:0.009~0.15MHz	-55.53	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range2:0.15~30MHz	-51.49	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range3:30~1000MHz	-41.28	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range4:1000~10000MHz	-44.45	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range5:10000~20000MHz	-32.53	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-56.45	PASS



Band4	3MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-49.12	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-40.97	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range4:1000~10000MHz	-44.4	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range5:10000~20000MHz	-32.63	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range1:0.009~0.15MHz	-55.21	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range2:0.15~30MHz	-50.94	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range3:30~1000MHz	-41.1	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range4:1000~10000MHz	-44.38	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range5:10000~20000MHz	-32.52	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range1:0.009~0.15MHz	-55.83	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range2:0.15~30MHz	-51.15	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range3:30~1000MHz	-41.55	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range4:1000~10000MHz	-44.4	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range5:10000~20000MHz	-32.63	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-54.56	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-51.66	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-41.32	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range4:1000~10000MHz	-44.28	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range5:10000~20000MHz	-32.59	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range1:0.009~0.15MHz	-55.56	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range2:0.15~30MHz	-51.93	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range3:30~1000MHz	-41.54	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range4:1000~10000MHz	-44.39	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range5:10000~20000MHz	-32.46	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range1:0.009~0.15MHz	-55.23	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range2:0.15~30MHz	-50.25	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range3:30~1000MHz	-41.91	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range4:1000~10000MHz	-44.43	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range5:10000~20000MHz	-32.53	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-56.27	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-51.71	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-40.57	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range4:1000~10000MHz	-44.24	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range5:10000~20000MHz	-32.61	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range1:0.009~0.15MHz	-54.58	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range2:0.15~30MHz	-51.63	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range3:30~1000MHz	-41.46	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range4:1000~10000MHz	-44.38	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range5:10000~20000MHz	-32.65	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range1:0.009~0.15MHz	-55.21	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range2:0.15~30MHz	-52.69	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range3:30~1000MHz	-41.71	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range4:1000~10000MHz	-44.28	PASS