



Appendix E: Test Data for E-UTRA Band 4

Product Name: smart phone

Test Model: SOYES MAXo

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	22.08	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.18	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.16	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.13	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.14	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.16	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.22	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.45	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.56	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.34	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.48	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.53	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.45	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.49	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.05	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.16	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.09	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	21.98	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	21.99	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.06	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.05	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	20.92	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.14	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	20.94	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	20.92	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	20.93	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	20.90	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.11	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.29	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.42	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.21	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.27	PASS



Band4	1.4MHz	16QAM	20175	3RB#1	21.27	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.22	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.40	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	20.71	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	20.97	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	20.74	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	20.83	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	20.79	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	20.81	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	19.82	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.78	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.34	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.43	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.30	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.33	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.36	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.26	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.62	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.51	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.48	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.61	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.62	PASS
Band4	3MHz	QPSK	20175	8RB#7	22.04	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.56	PASS
Band4	3MHz	QPSK	20385	1RB#0	21.99	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.11	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.17	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.00	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.11	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.40	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.01	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.67	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.11	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.77	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.76	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.72	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.27	PASS



Band4	3MHz	16QAM	19965	15RB#0	20.15	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.82	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.31	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.85	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.03	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.07	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.97	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.01	PASS
Band4	3MHz	16QAM	20385	1RB#0	20.74	PASS
Band4	3MHz	16QAM	20385	1RB#8	20.80	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.52	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.46	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.45	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.50	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.49	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.67	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.40	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.37	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.18	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.15	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.28	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.25	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.61	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.54	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.19	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.47	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.48	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.31	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.45	PASS
Band4	5MHz	QPSK	20375	1RB#0	21.69	PASS
Band4	5MHz	QPSK	20375	1RB#12	21.94	PASS
Band4	5MHz	QPSK	20375	1RB#24	21.96	PASS
Band4	5MHz	QPSK	20375	12RB#0	20.75	PASS
Band4	5MHz	QPSK	20375	12RB#6	20.70	PASS
Band4	5MHz	QPSK	20375	12RB#13	20.95	PASS
Band4	5MHz	QPSK	20375	25RB#0	20.90	PASS
Band4	5MHz	16QAM	19975	1RB#0	20.97	PASS



Band4	5MHz	16QAM	19975	1RB#12	21.25	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.22	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.10	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.10	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.30	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.21	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.45	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.37	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.10	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.45	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.46	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.30	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.44	PASS
Band4	5MHz	16QAM	20375	1RB#0	20.67	PASS
Band4	5MHz	16QAM	20375	1RB#12	20.88	PASS
Band4	5MHz	16QAM	20375	1RB#24	20.92	PASS
Band4	5MHz	16QAM	20375	12RB#0	19.76	PASS
Band4	5MHz	16QAM	20375	12RB#6	19.74	PASS
Band4	5MHz	16QAM	20375	12RB#13	19.95	PASS
Band4	5MHz	16QAM	20375	25RB#0	19.83	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.66	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.08	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.63	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.31	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.30	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.59	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.46	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.76	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.59	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.02	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.72	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.66	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.28	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.50	PASS
Band4	10MHz	QPSK	20350	1RB#0	21.64	PASS
Band4	10MHz	QPSK	20350	1RB#24	21.98	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.04	PASS



Band4	10MHz	QPSK	20350	25RB#0	20.75	PASS
Band4	10MHz	QPSK	20350	25RB#12	20.72	PASS
Band4	10MHz	QPSK	20350	25RB#25	20.91	PASS
Band4	10MHz	QPSK	20350	50RB#0	20.81	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.62	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.51	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.53	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.23	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.23	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.58	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.43	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.65	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.58	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.02	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.60	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.63	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.27	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.44	PASS
Band4	10MHz	16QAM	20350	1RB#0	20.43	PASS
Band4	10MHz	16QAM	20350	1RB#24	20.70	PASS
Band4	10MHz	16QAM	20350	1RB#49	20.70	PASS
Band4	10MHz	16QAM	20350	25RB#0	19.73	PASS
Band4	10MHz	16QAM	20350	25RB#12	19.71	PASS
Band4	10MHz	16QAM	20350	25RB#25	19.94	PASS
Band4	10MHz	16QAM	20350	50RB#0	19.82	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.52	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.12	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.09	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.48	PASS
Band4	15MHz	QPSK	20025	38RB#18	21.94	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.48	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.75	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.69	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.49	PASS
Band4	15MHz	QPSK	20175	1RB#74	21.72	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.62	PASS
Band4	15MHz	QPSK	20175	38RB#18	21.42	PASS



Band4	15MHz	QPSK	20175	38RB#37	20.67	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.50	PASS
Band4	15MHz	QPSK	20325	1RB#0	21.95	PASS
Band4	15MHz	QPSK	20325	1RB#38	21.64	PASS
Band4	15MHz	QPSK	20325	1RB#74	21.73	PASS
Band4	15MHz	QPSK	20325	38RB#0	20.54	PASS
Band4	15MHz	QPSK	20325	38RB#18	20.63	PASS
Band4	15MHz	QPSK	20325	38RB#37	20.72	PASS
Band4	15MHz	QPSK	20325	75RB#0	20.83	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.41	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.04	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.00	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.40	PASS
Band4	15MHz	16QAM	20025	38RB#18	22.06	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.99	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.01	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.02	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.54	PASS
Band4	15MHz	16QAM	20175	1RB#74	20.76	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.56	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.82	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.20	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.87	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.16	PASS
Band4	15MHz	16QAM	20325	1RB#38	20.72	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.20	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.09	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.14	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.19	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.25	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.42	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.46	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.84	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.90	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.89	PASS
Band4	20MHz	QPSK	20050	50RB#50	22.15	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.69	PASS



Band4	20MHz	QPSK	20175	1RB#0	23.11	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.76	PASS
Band4	20MHz	QPSK	20175	1RB#99	21.44	PASS
Band4	20MHz	QPSK	20175	50RB#0	22.02	PASS
Band4	20MHz	QPSK	20175	50RB#25	22.03	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.12	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.72	PASS
Band4	20MHz	QPSK	20300	1RB#0	21.84	PASS
Band4	20MHz	QPSK	20300	1RB#49	21.95	PASS
Band4	20MHz	QPSK	20300	1RB#99	21.67	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.03	PASS
Band4	20MHz	QPSK	20300	50RB#25	20.98	PASS
Band4	20MHz	QPSK	20300	50RB#50	20.77	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.21	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.30	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.21	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.58	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.84	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.83	PASS
Band4	20MHz	16QAM	20050	50RB#50	21.13	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.97	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.92	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.80	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.00	PASS
Band4	20MHz	16QAM	20175	50RB#0	21.12	PASS
Band4	20MHz	16QAM	20175	50RB#25	21.12	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.52	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.85	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.24	PASS
Band4	20MHz	16QAM	20300	1RB#49	20.86	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.01	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.58	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.56	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.30	PASS
Band4	20MHz	16QAM	20300	100RB#0	19.88	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	3.53	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	4.58	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	3.79	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.78	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	3.53	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.36	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	4.84	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.53	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	4.97	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.68	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	4.72	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.43	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	3.77	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	4.58	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	3.74	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	4.77	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	3.66	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.51	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	4.82	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	5.51	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	4.72	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.73	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	4.72	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	5.48	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	3.66	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.66	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	3.70	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.86	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	3.92	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.74	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	4.68	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.58	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	4.71	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.74	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	4.78	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.66	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	3.50	13	PASS

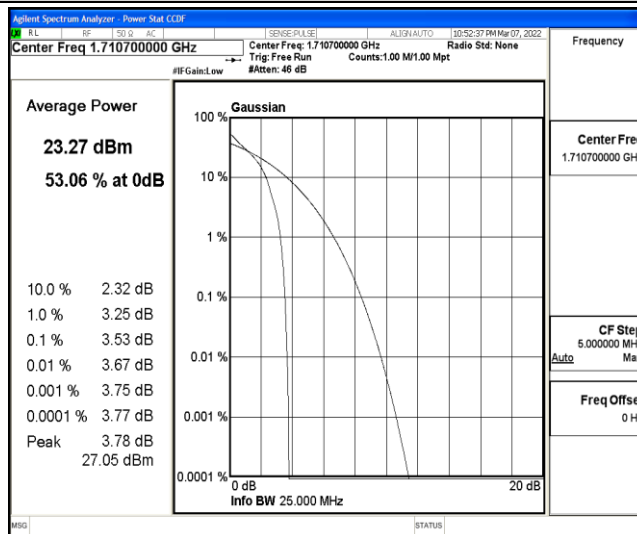


Band4	10MHz	QPSK	20000	50RB#0	4.57	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	3.37	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	4.87	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	3.99	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.91	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	4.54	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	5.49	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	4.41	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.77	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	5.13	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.84	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	3.97	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	4.87	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	3.66	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.20	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	4.60	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.38	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	4.98	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	5.68	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	4.62	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	5.97	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	5.38	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.15	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	3.99	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	4.99	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	3.61	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.18	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	4.46	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.41	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	4.83	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.83	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	4.55	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.01	13	PASS
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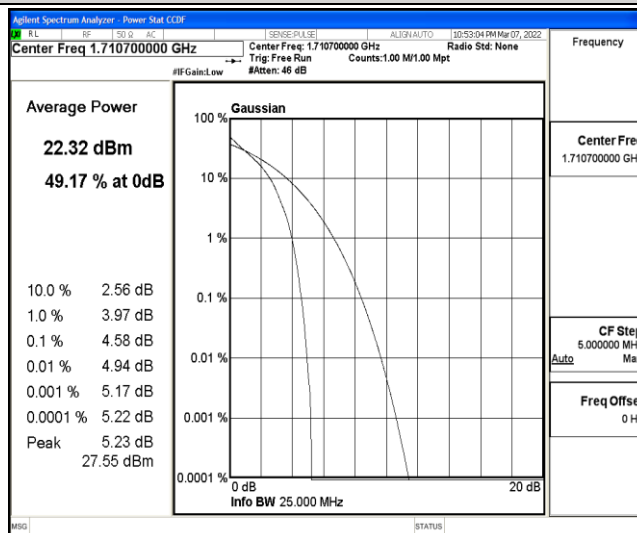


Test Graphs

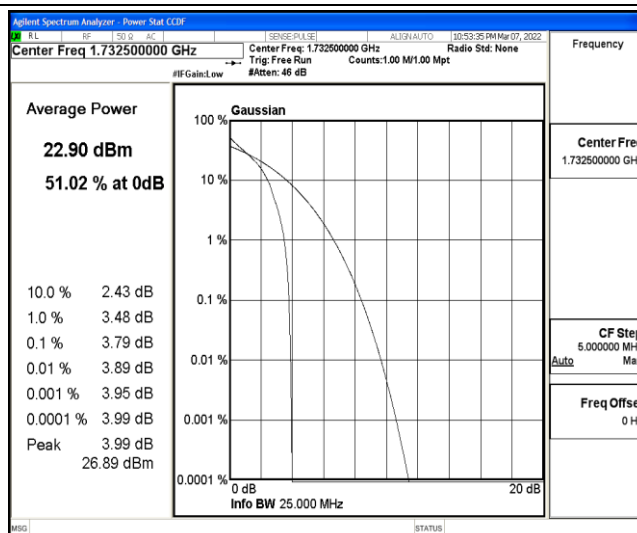
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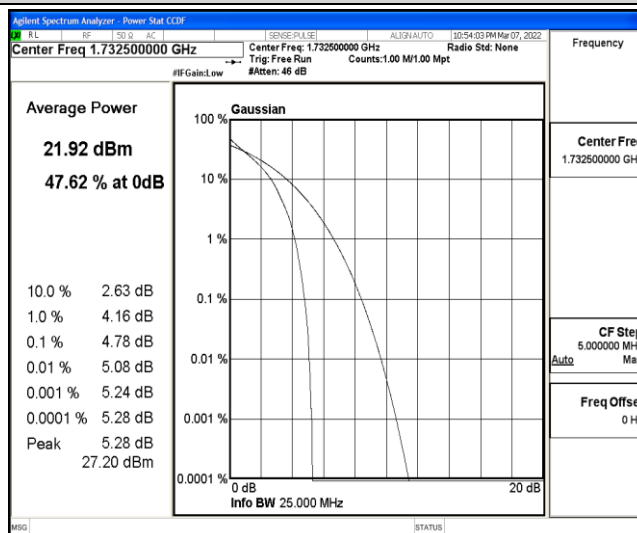
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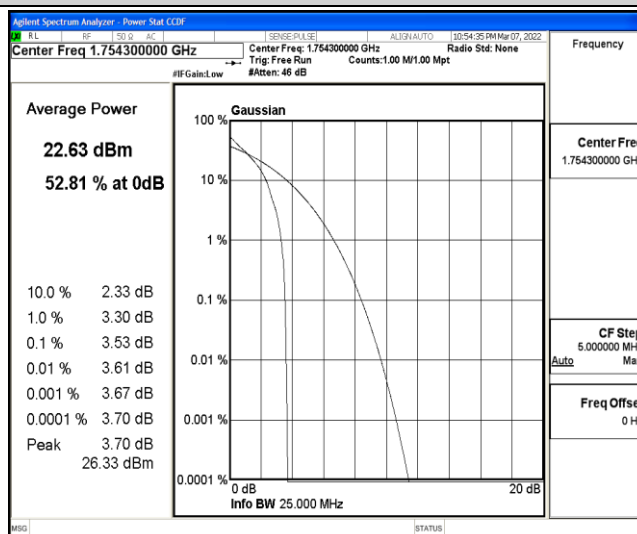
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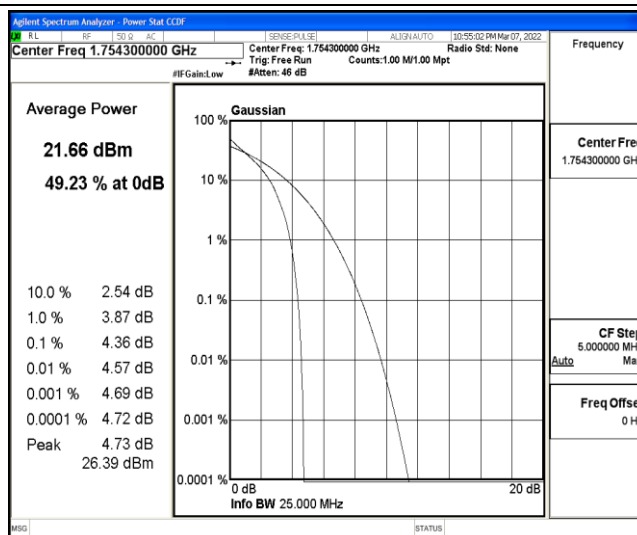
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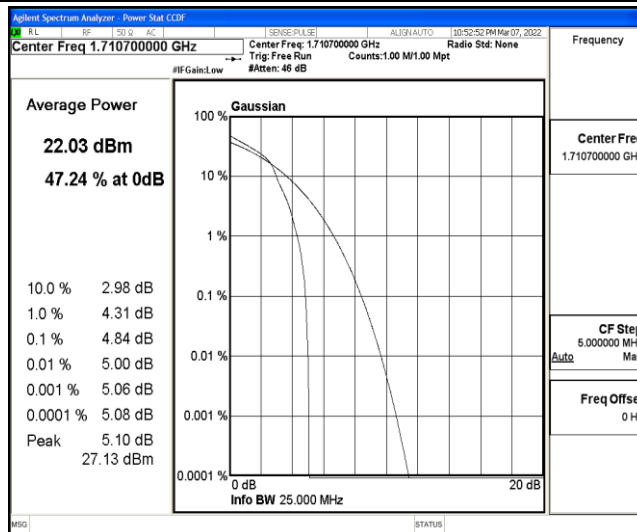
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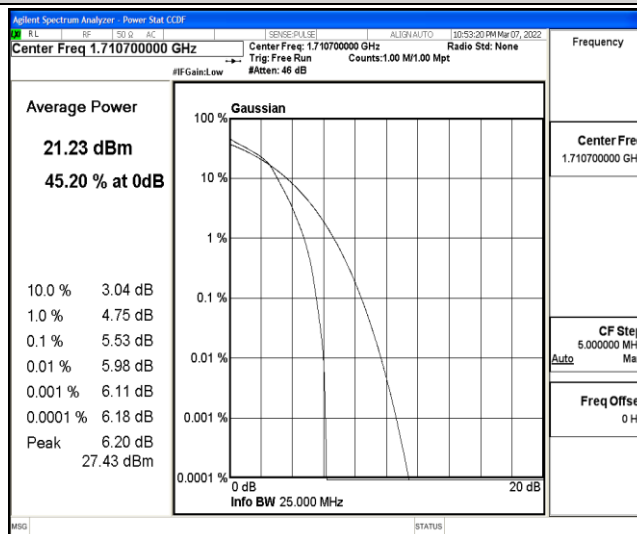
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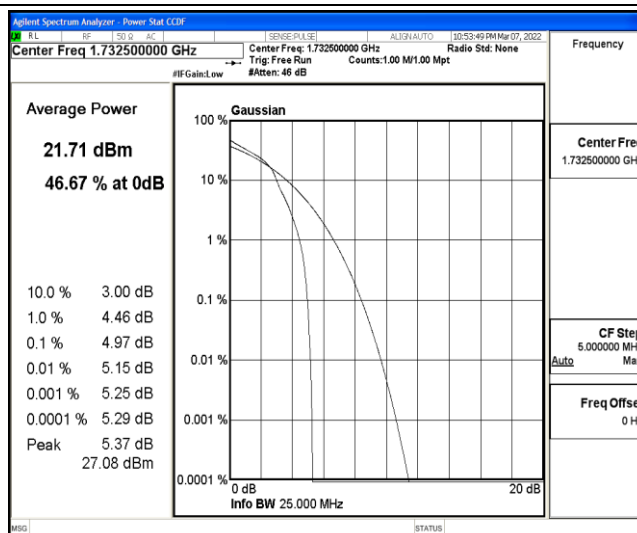
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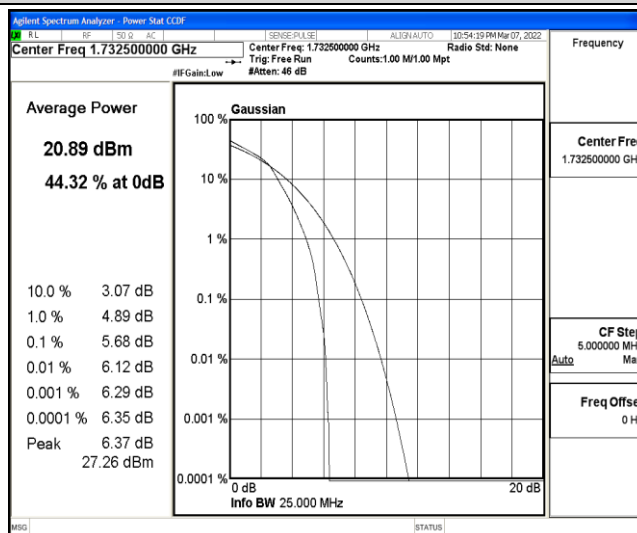
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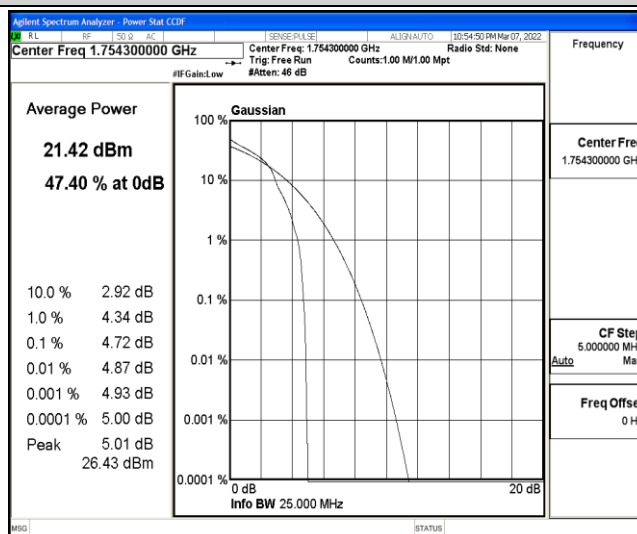
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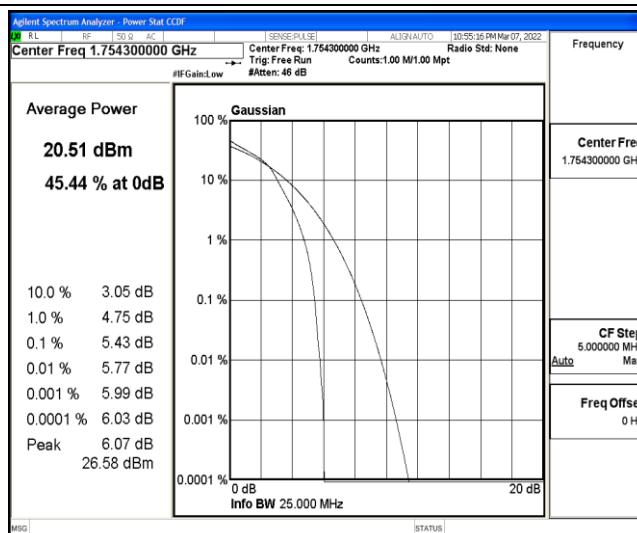
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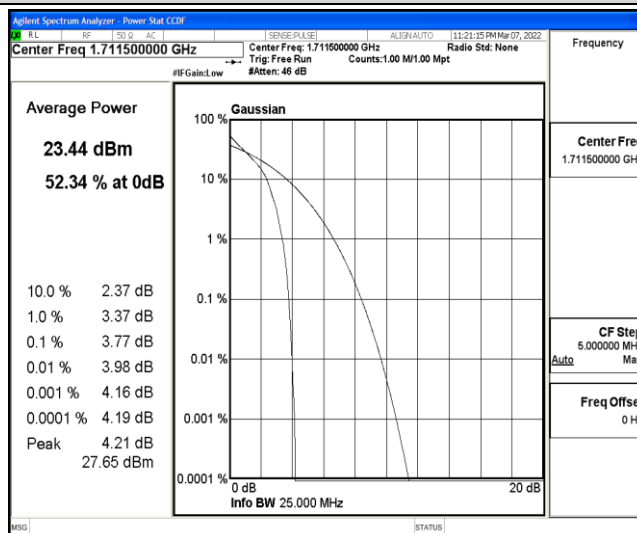
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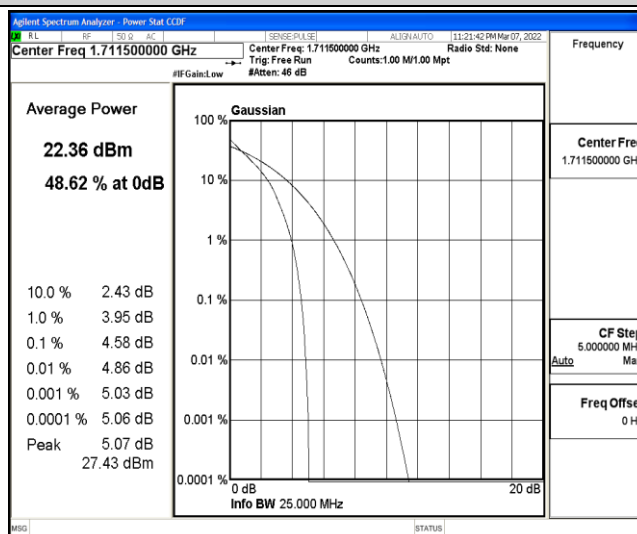
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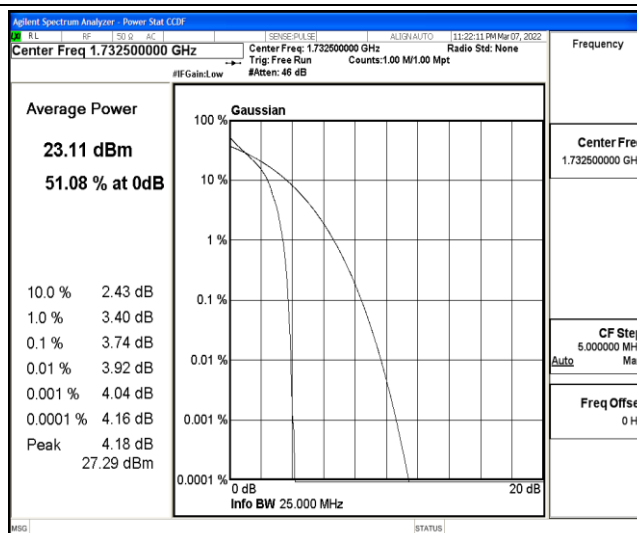
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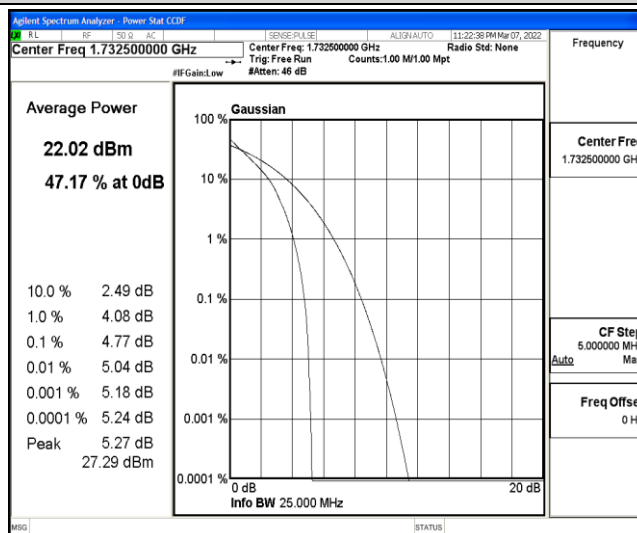
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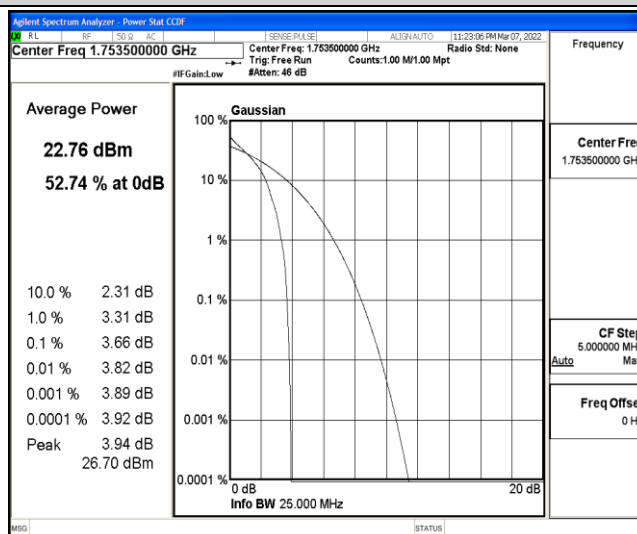
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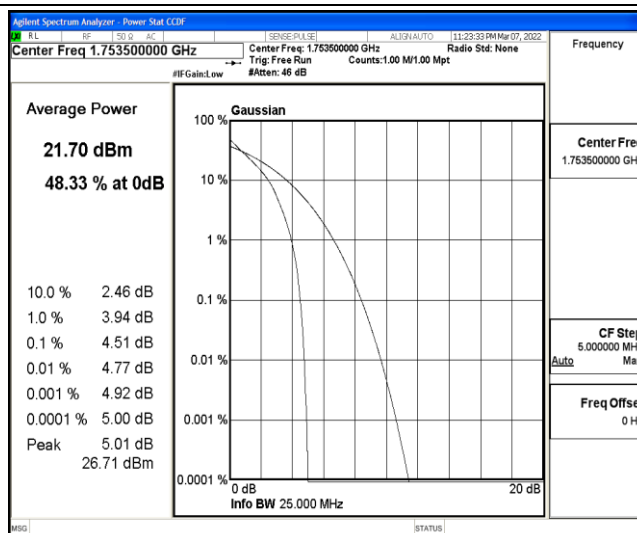
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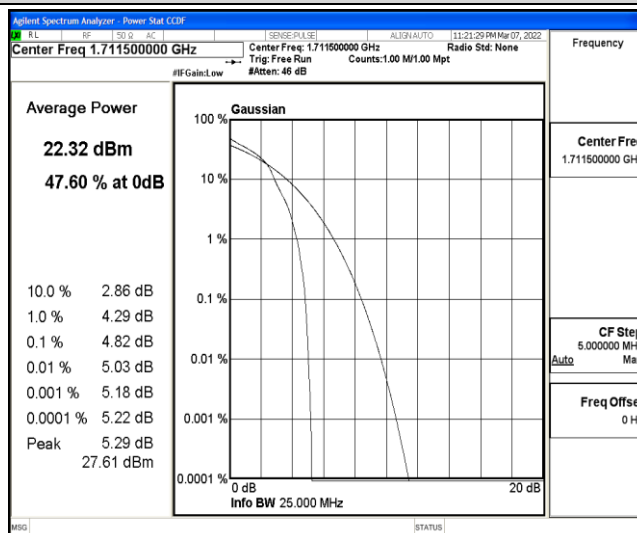
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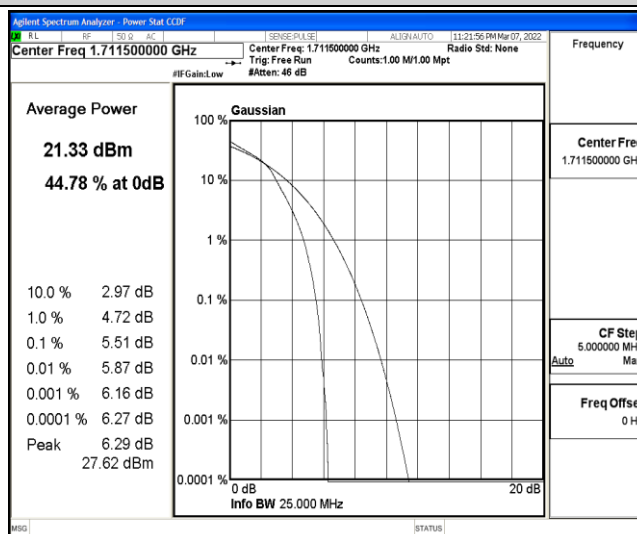
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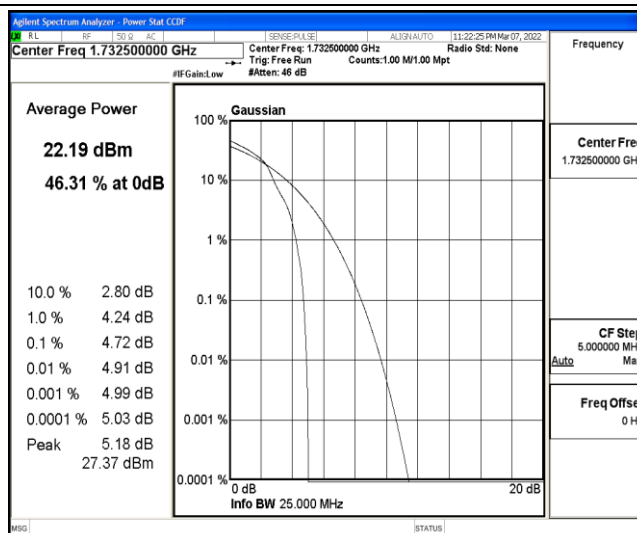
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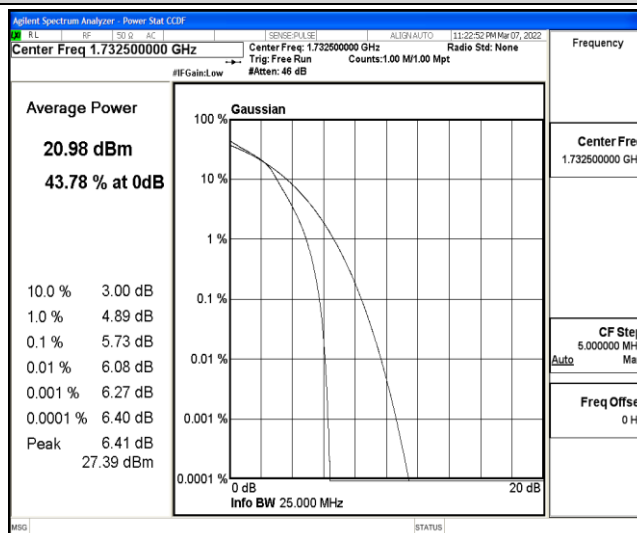
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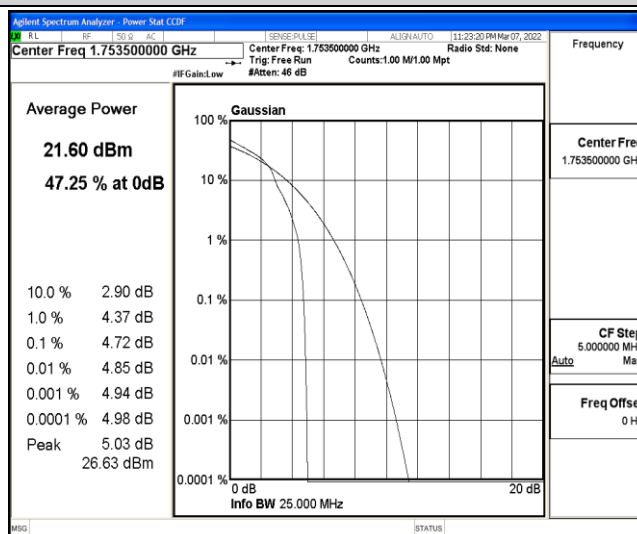
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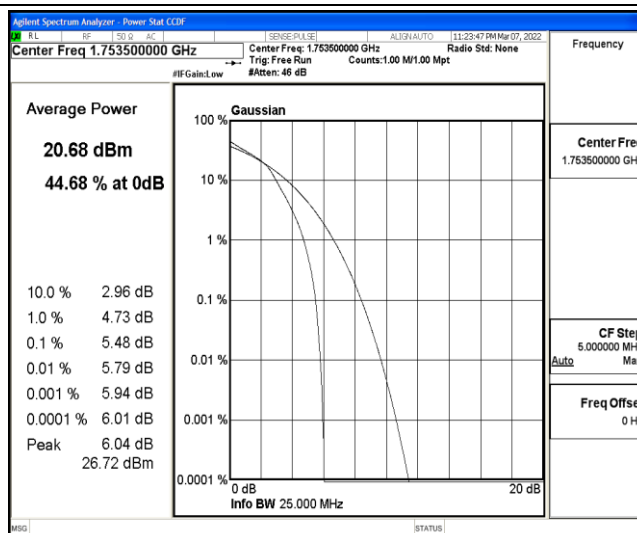
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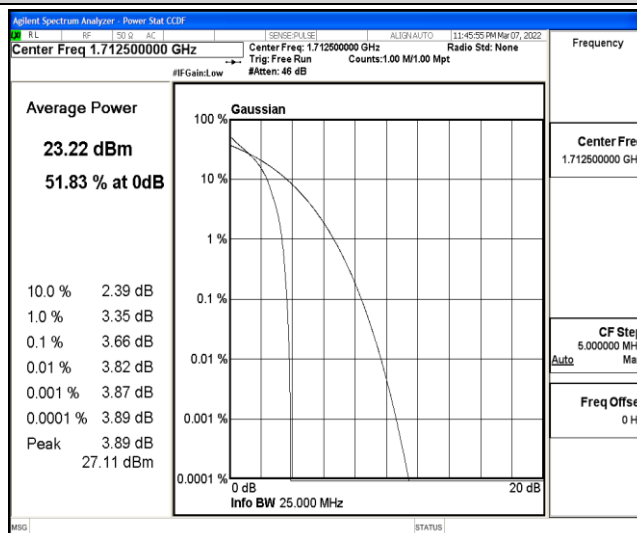
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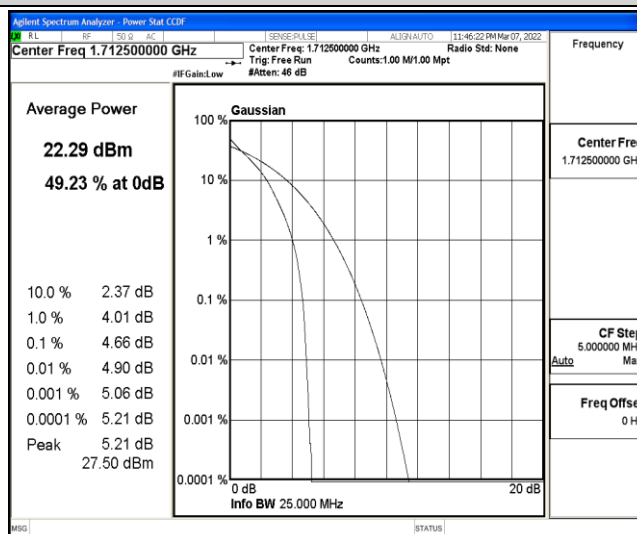
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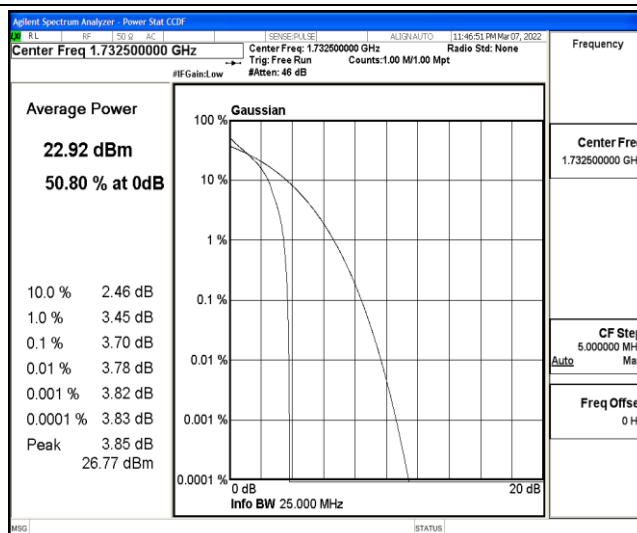
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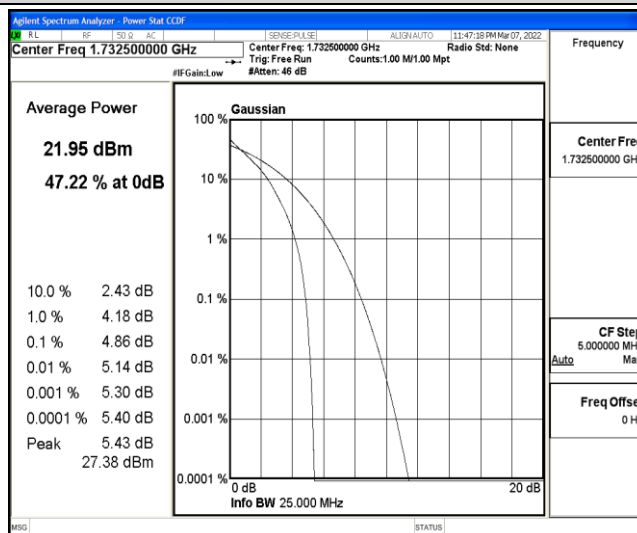
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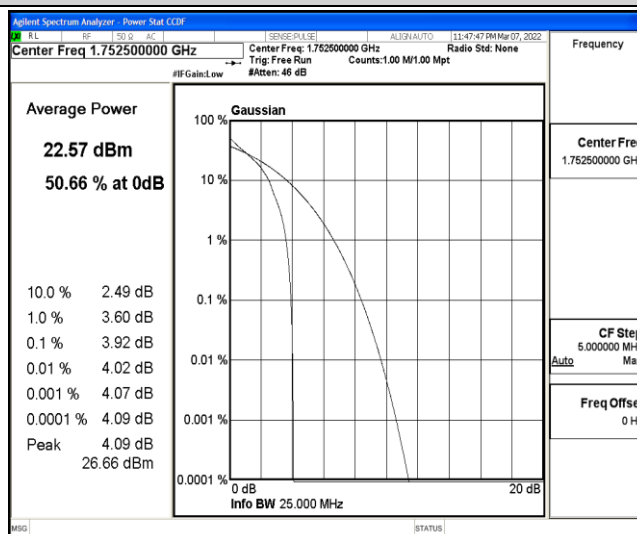
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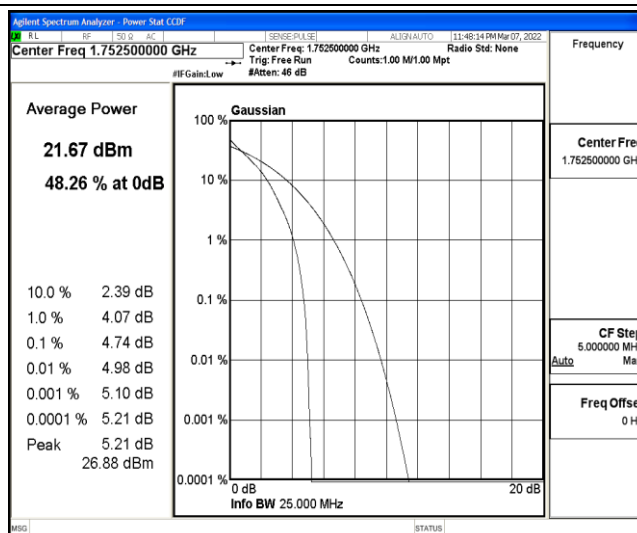
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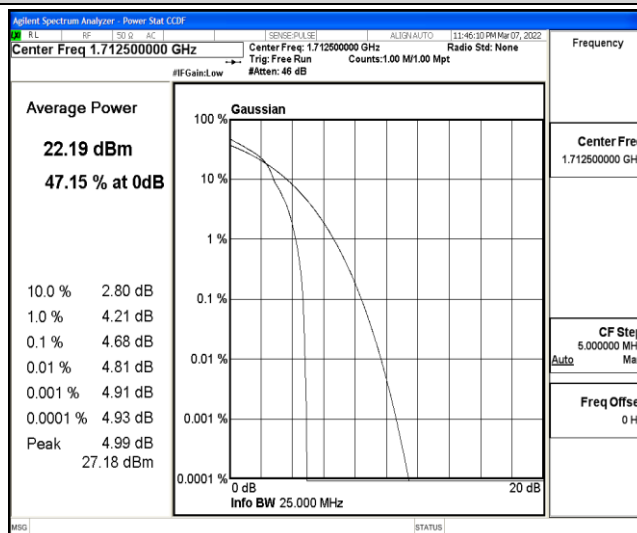
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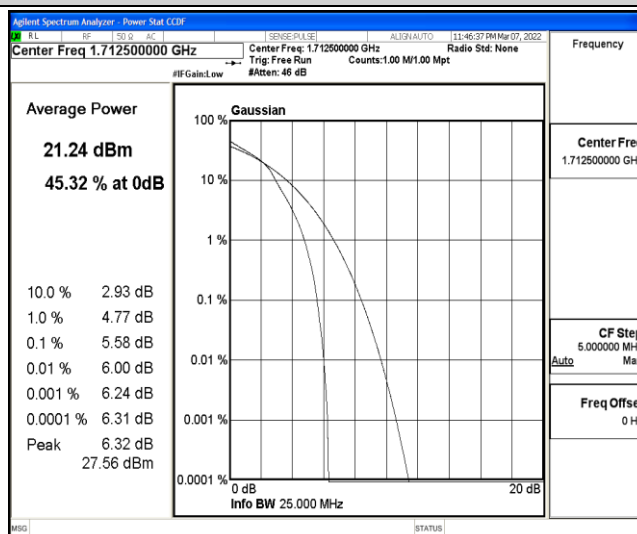
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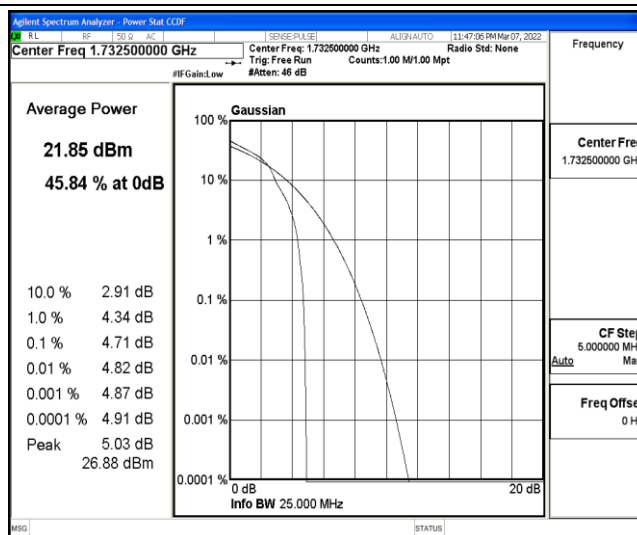
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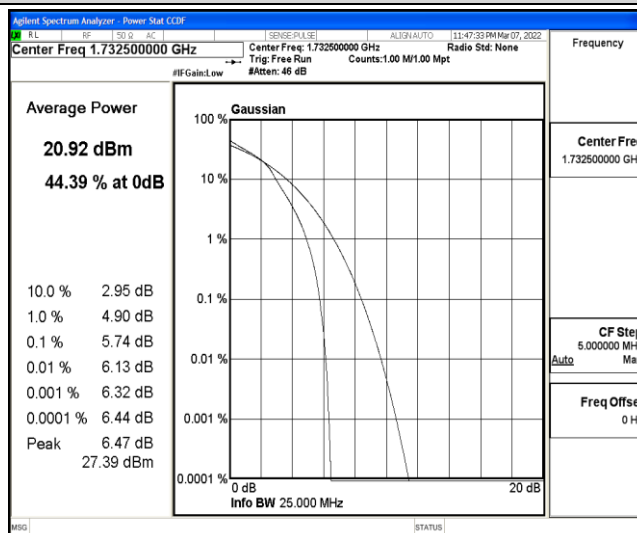
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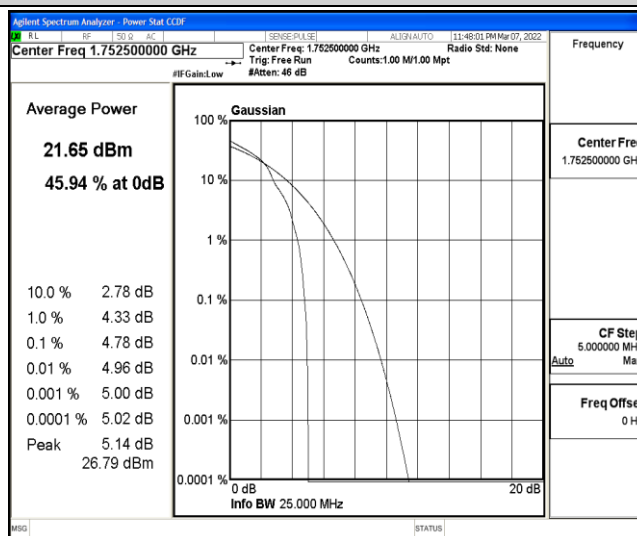
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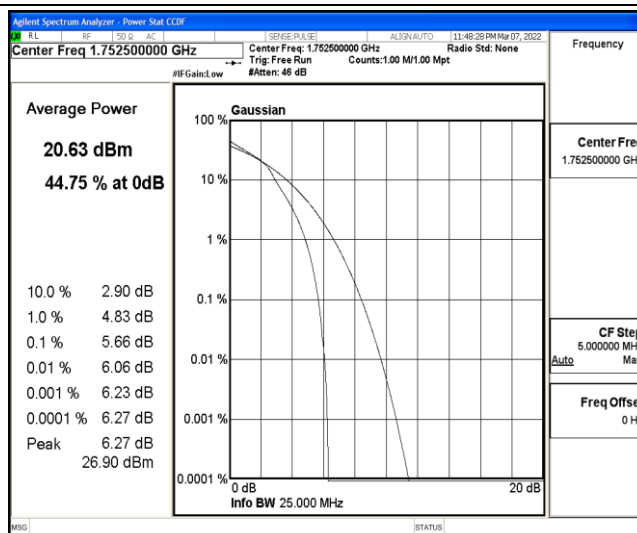
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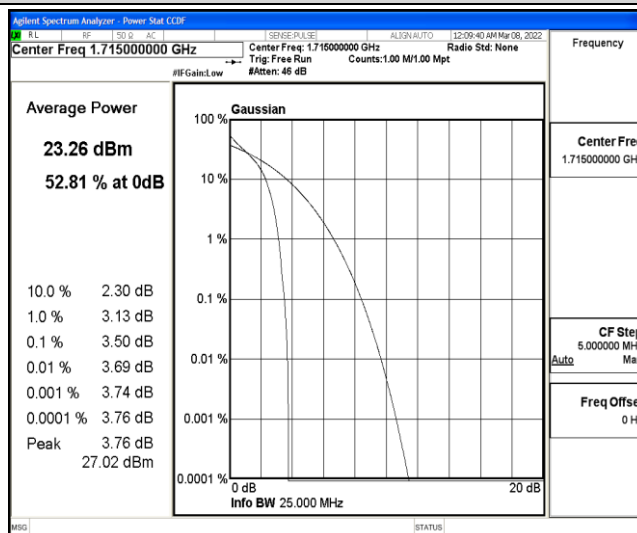
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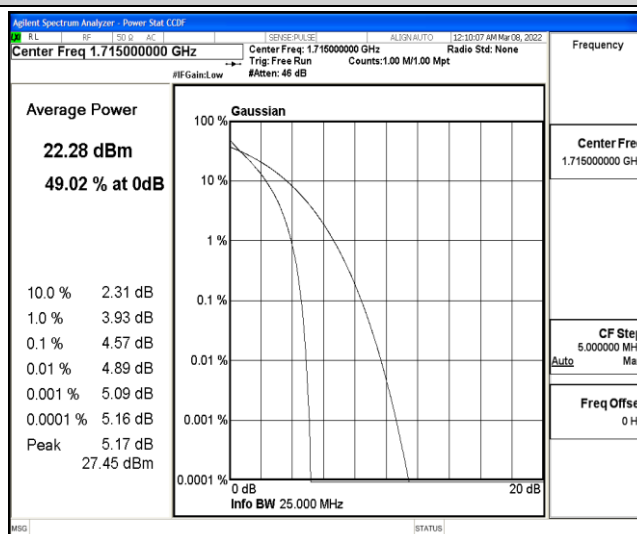
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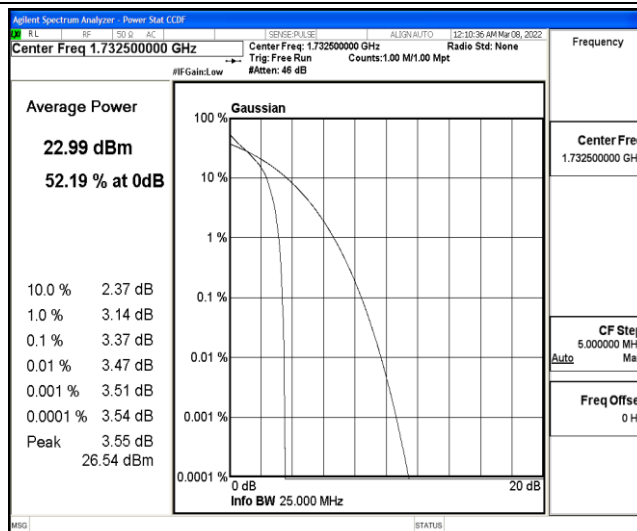
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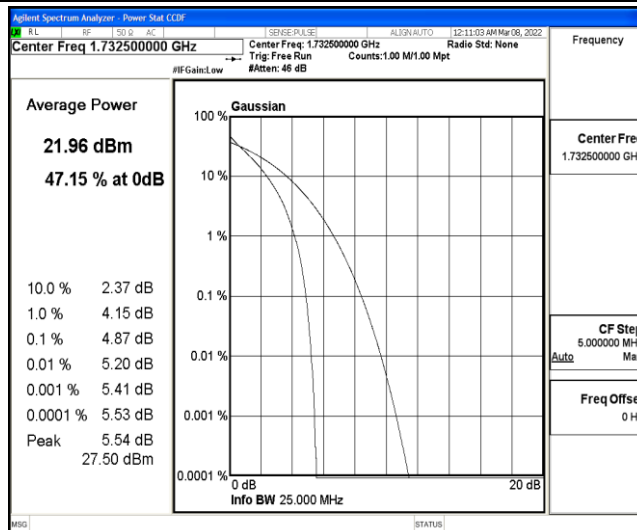
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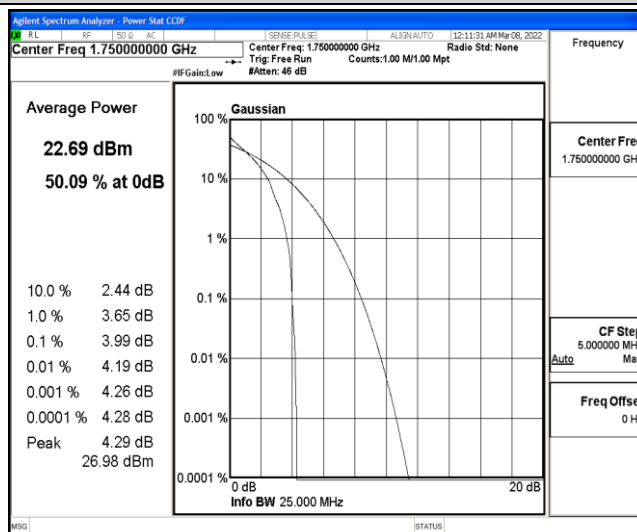
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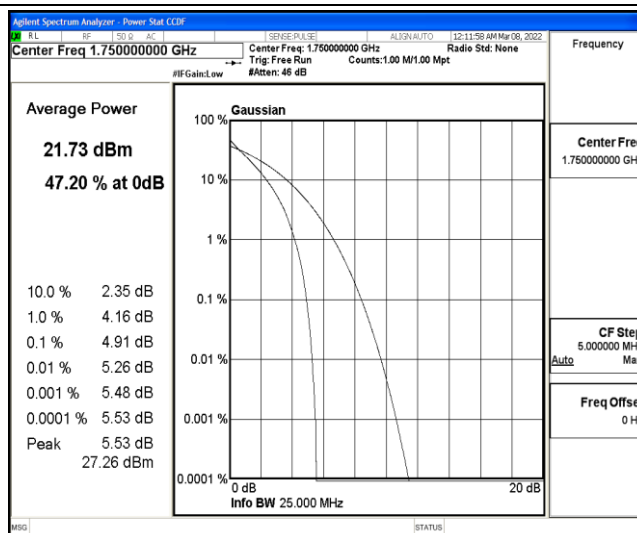
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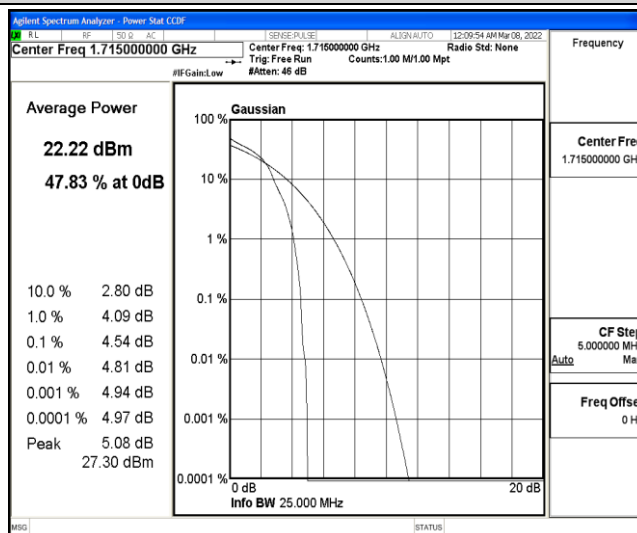
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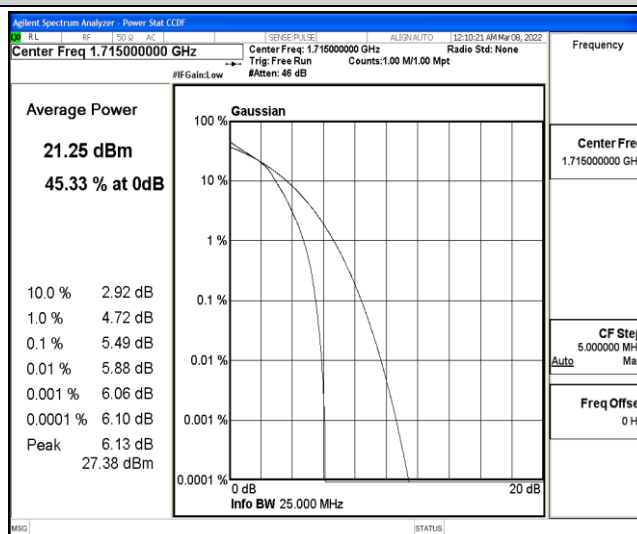
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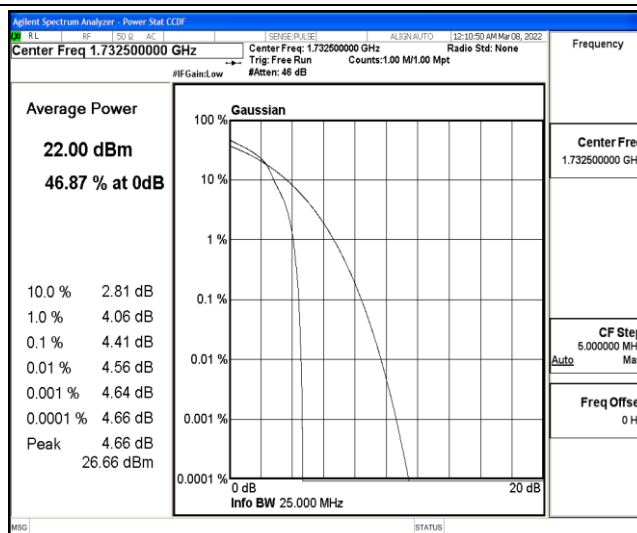
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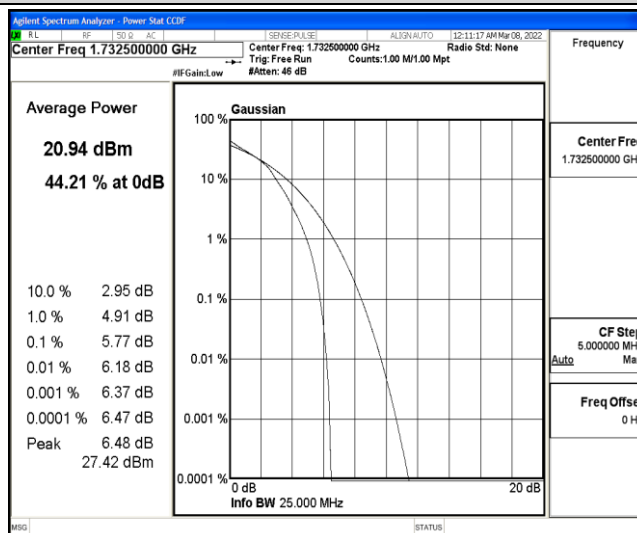
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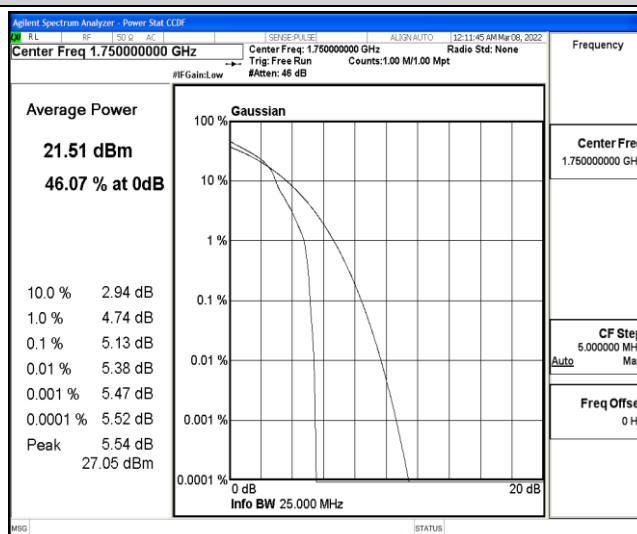
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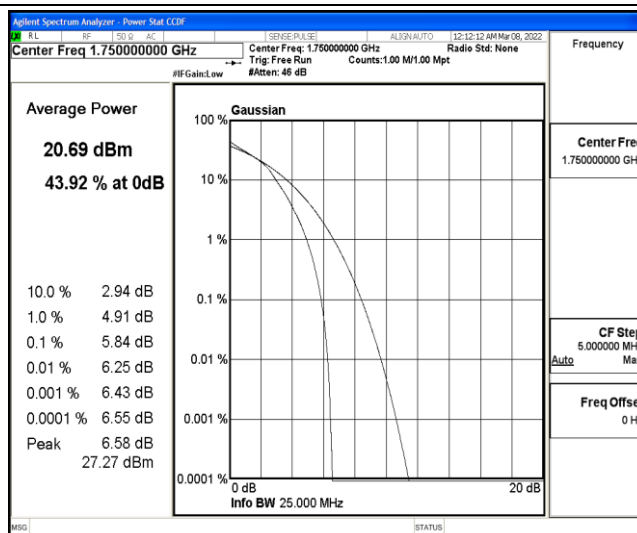
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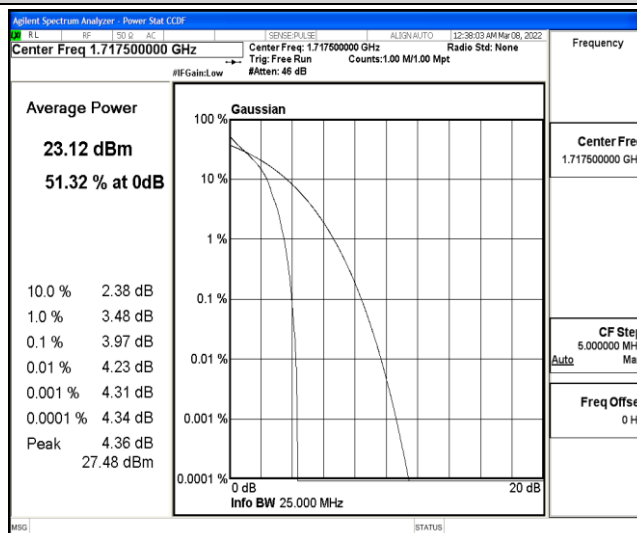
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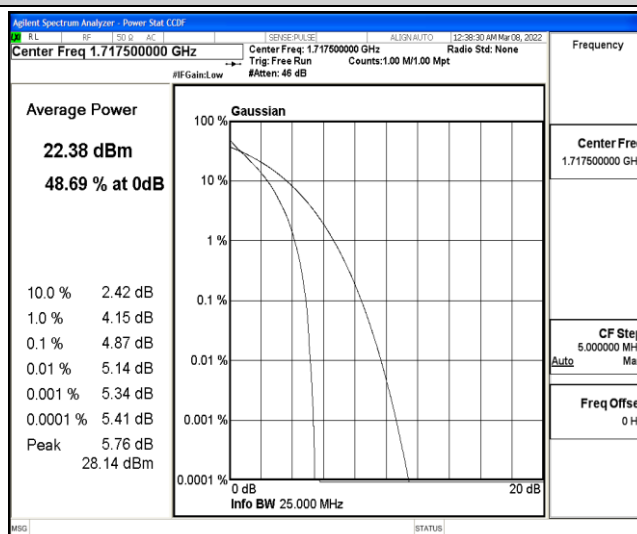
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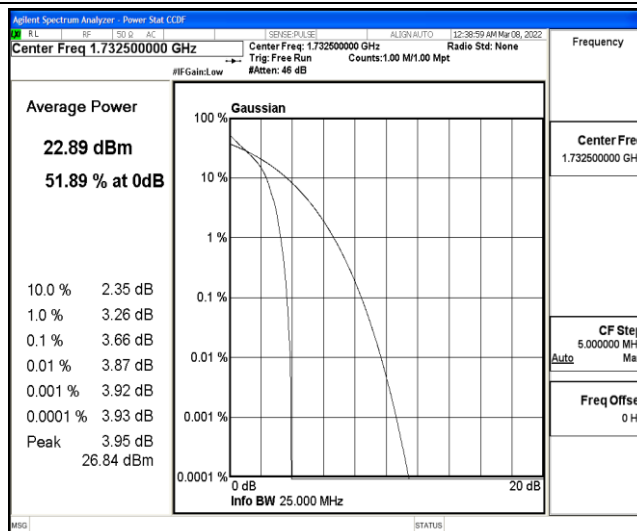
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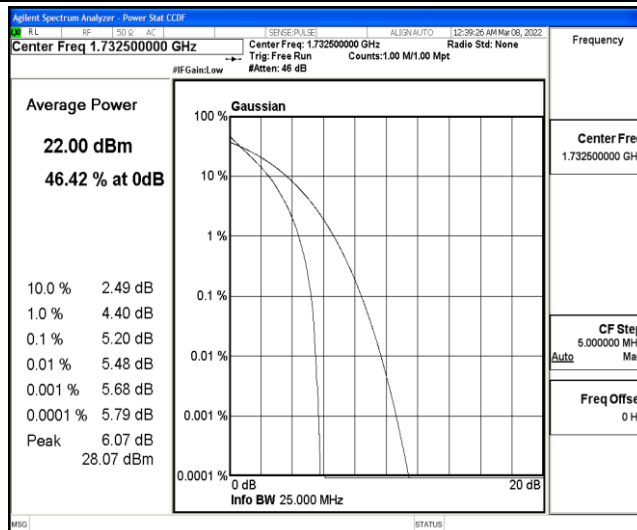
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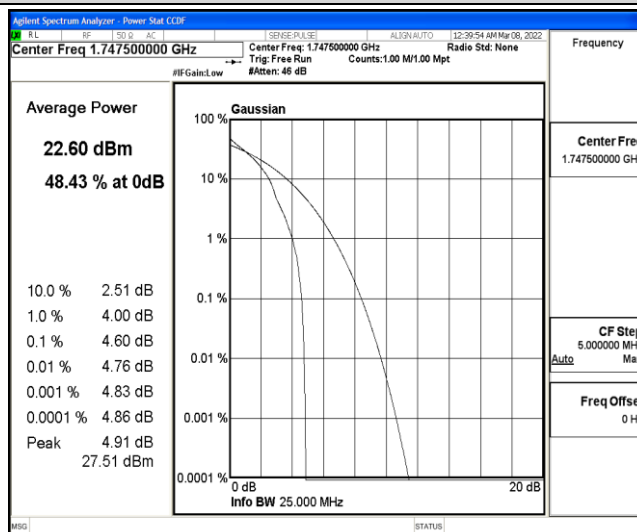
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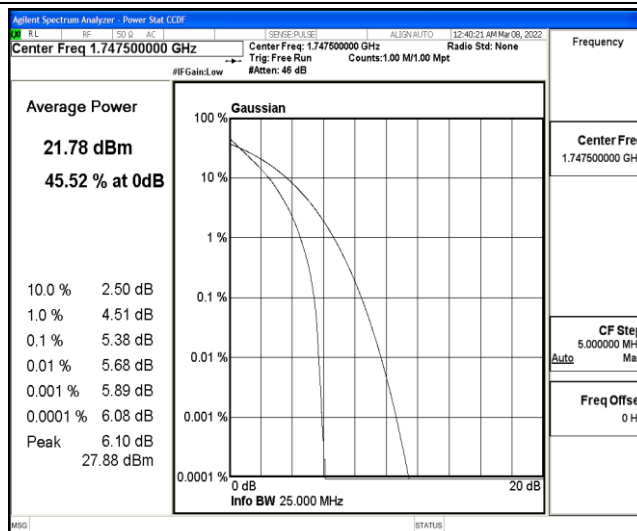
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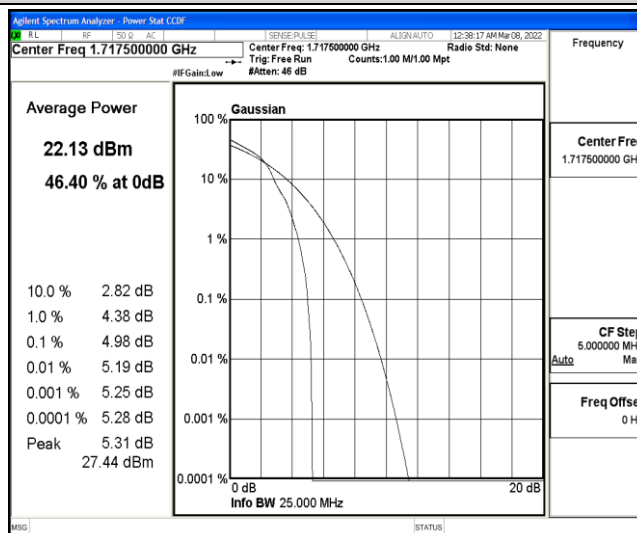
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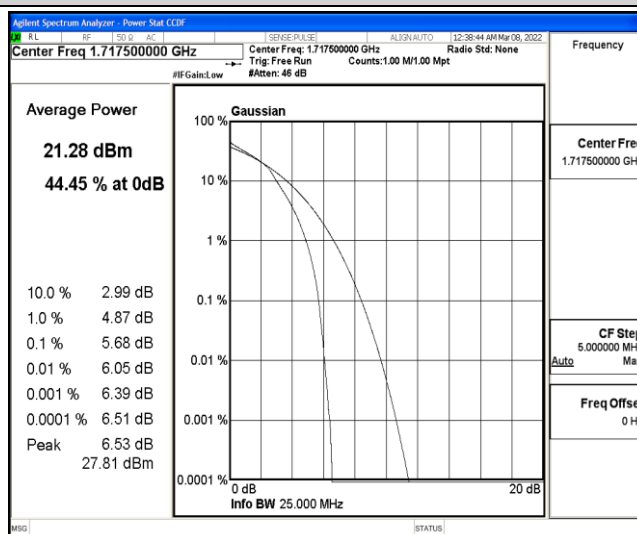
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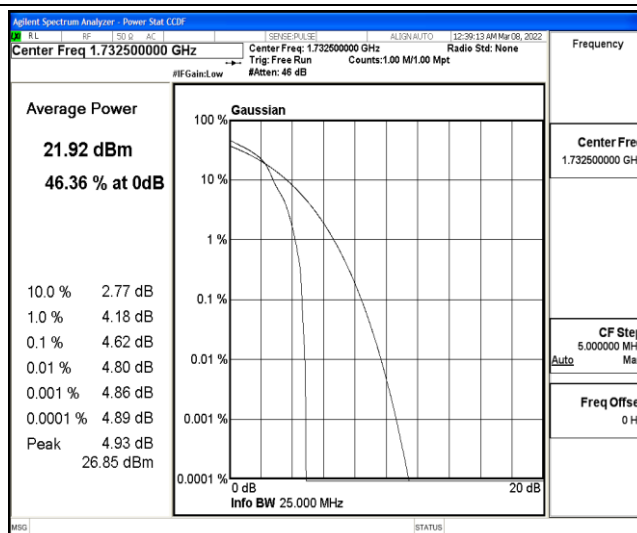
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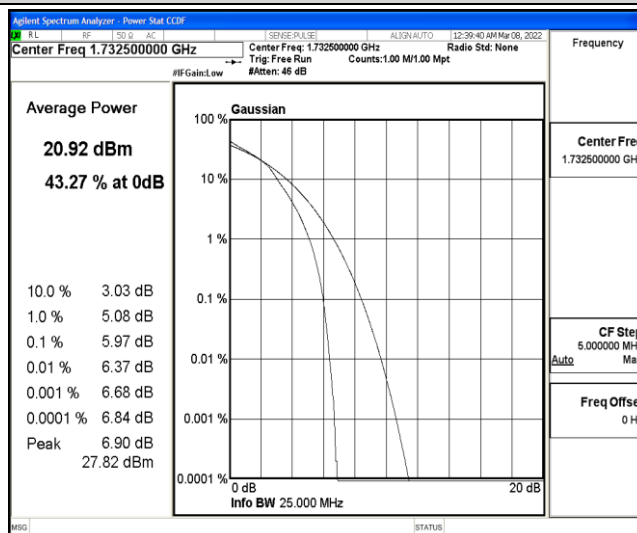
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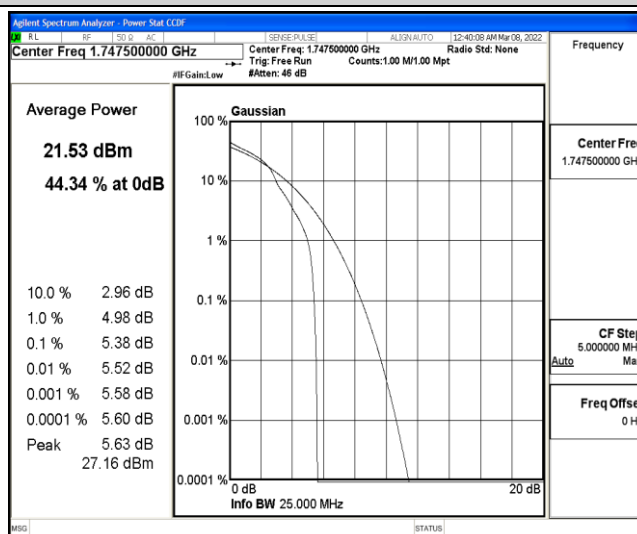
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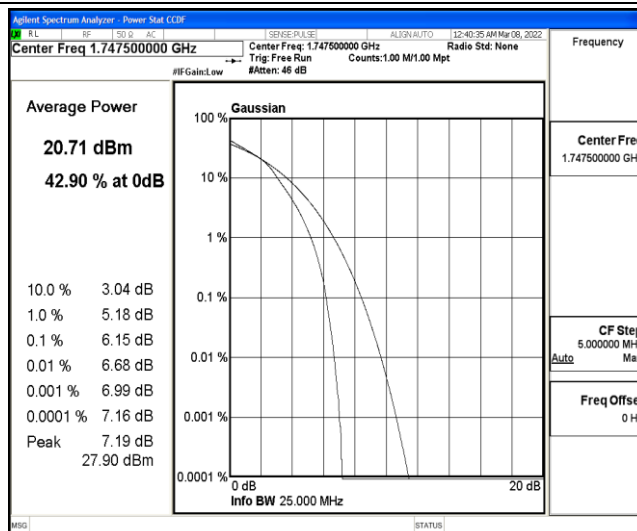
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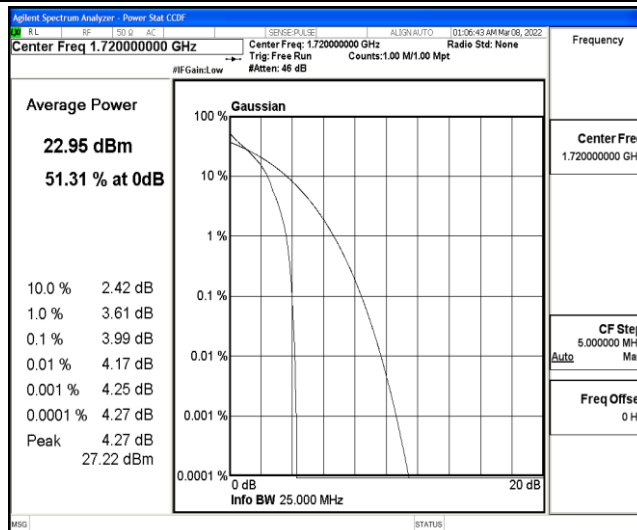
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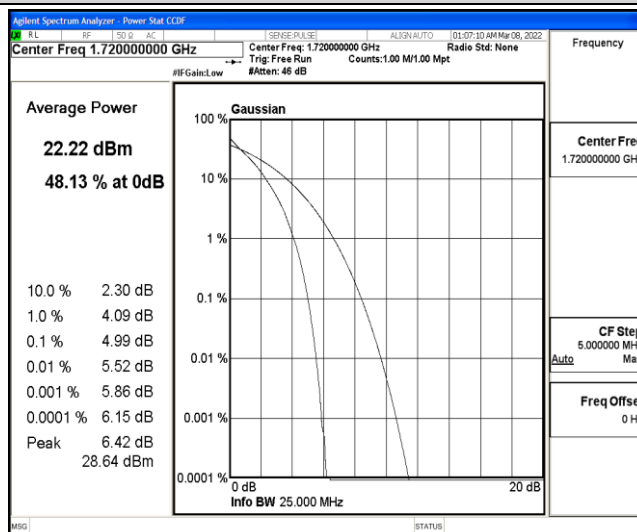
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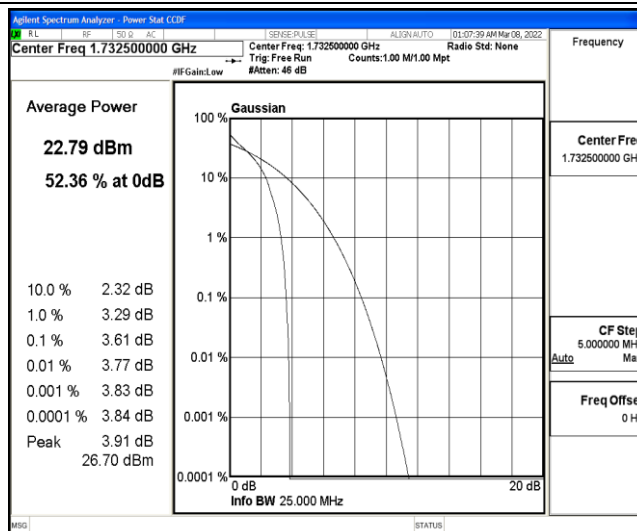
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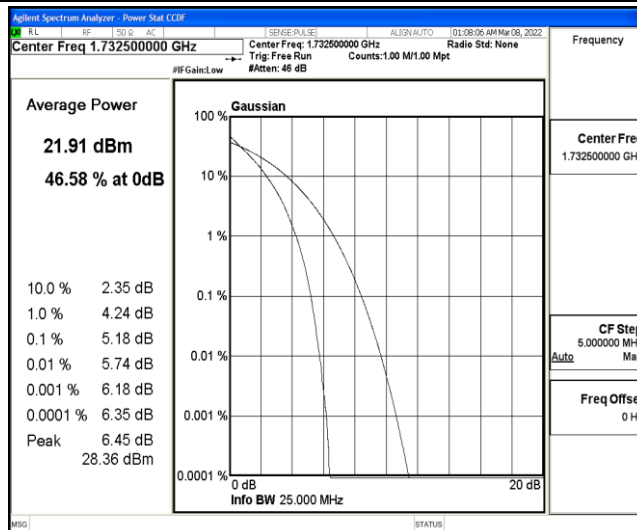
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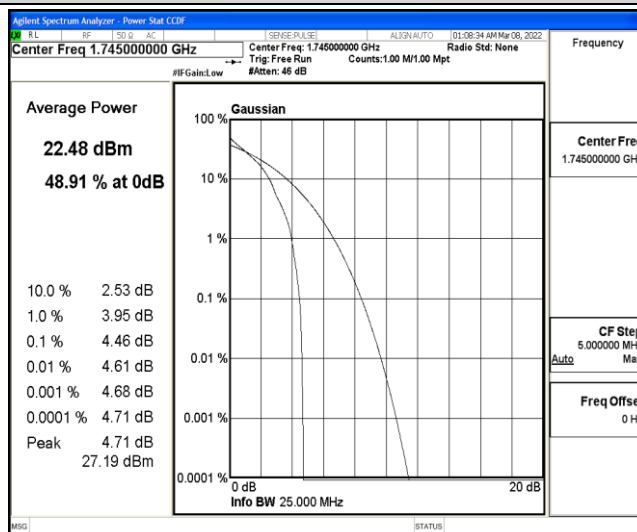
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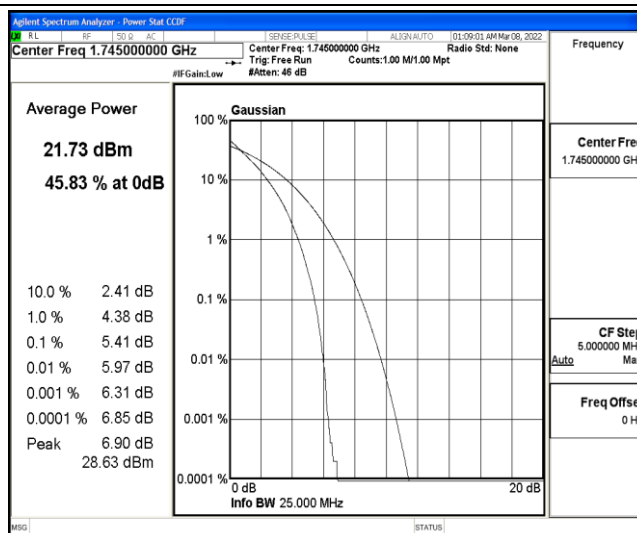
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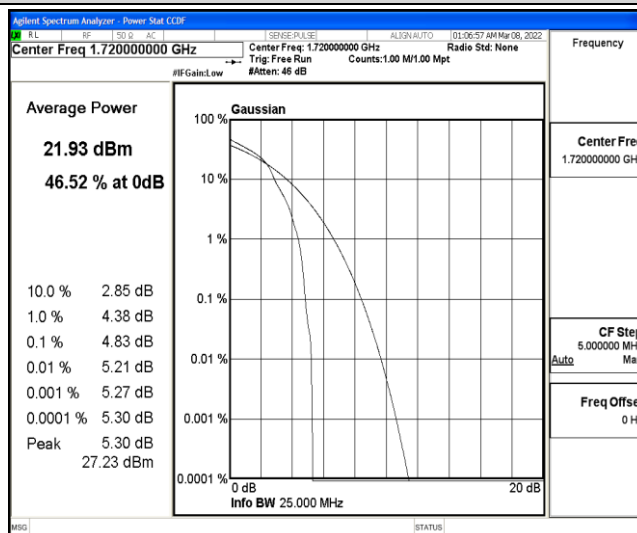
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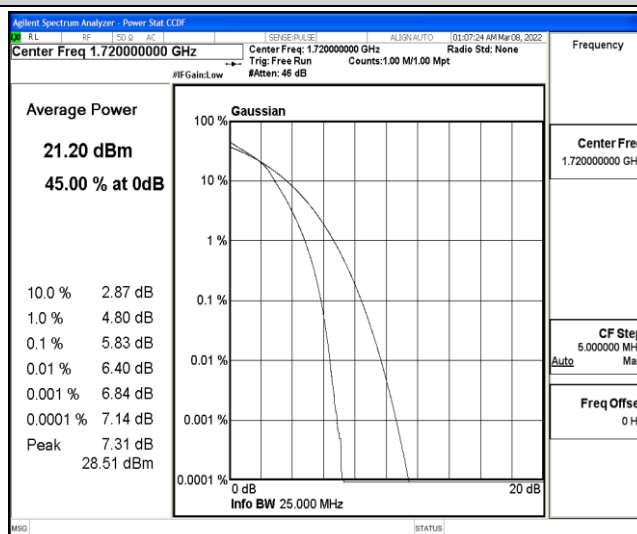
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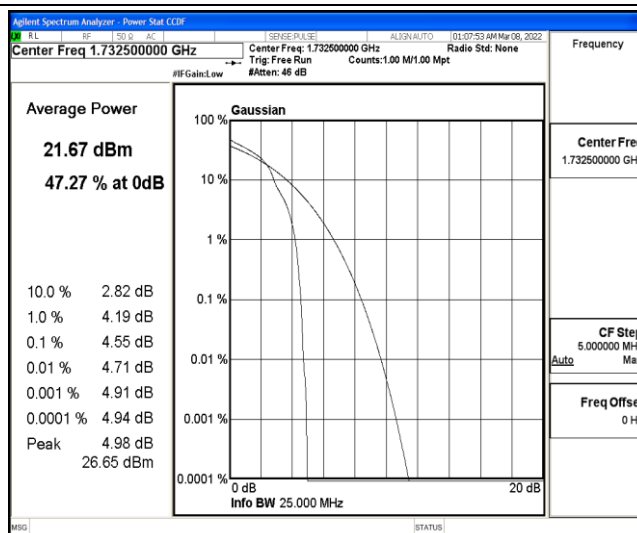
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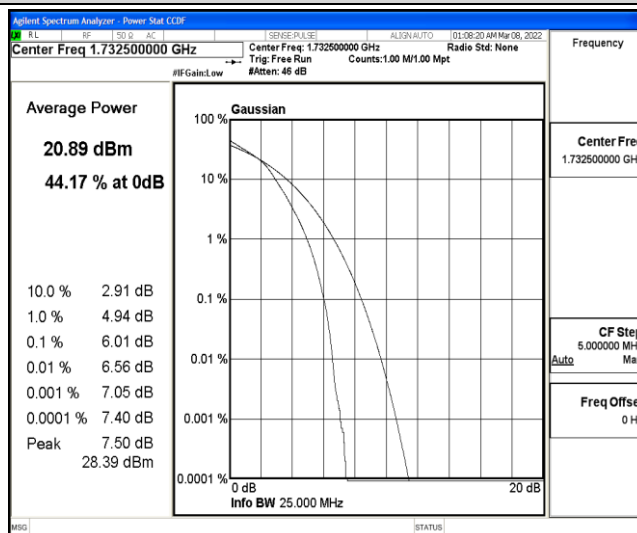
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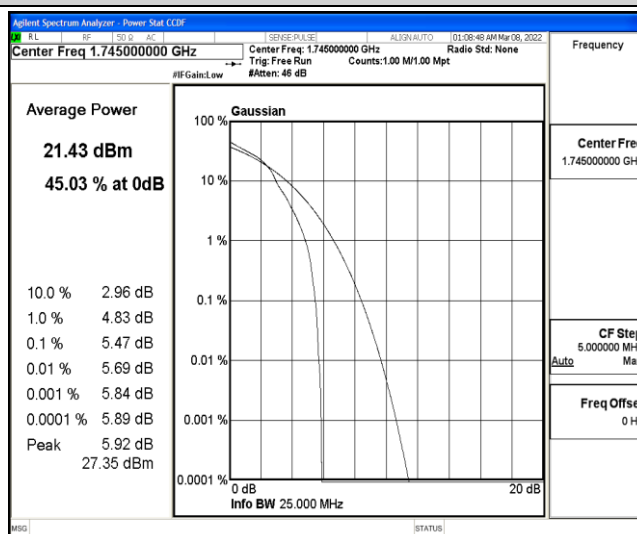
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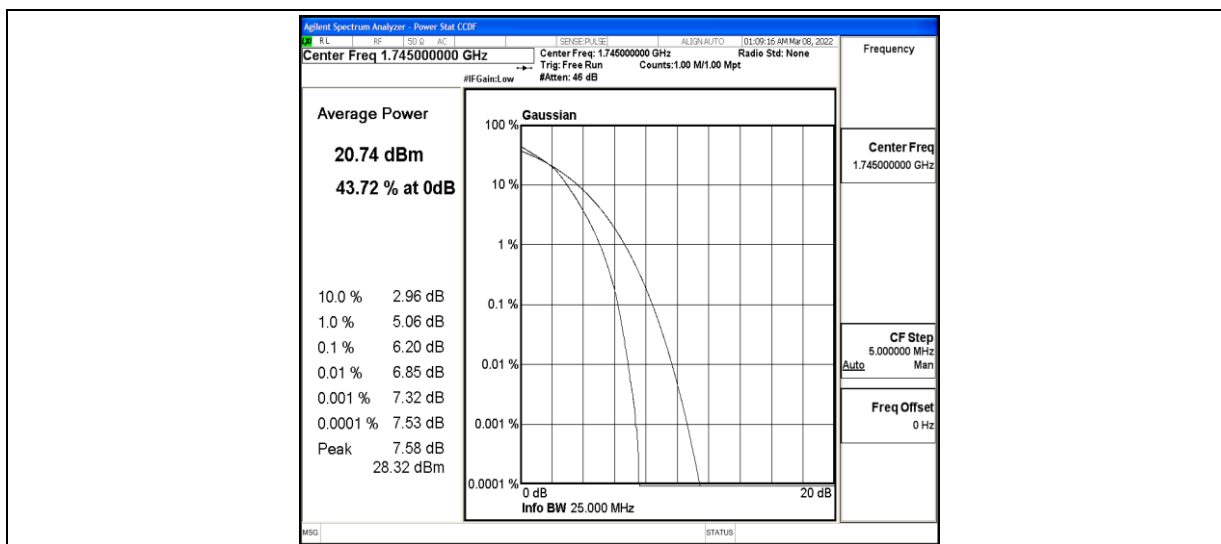
Band4-20MHz-16QAM-20175-100RB#0



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	1.0944	1.283	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0885	1.284	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0927	1.279	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1005	1.296	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0903	1.302	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0962	1.274	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6891	2.876	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6883	2.880	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6934	2.913	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6780	2.912	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6841	2.903	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6843	2.908	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5157	5.198	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5308	5.174	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5037	5.140	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5227	5.157	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5175	5.117	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5400	5.168	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.0182	10.12	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9947	10.20	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0116	10.11	PASS
Band4	10MHz	16QAM	20000	50RB#0	9.0180	10.04	PASS
Band4	10MHz	16QAM	20175	50RB#0	9.0080	10.08	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0093	10.10	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.521	15.04	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.486	15.04	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.492	15.20	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.507	15.01	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.489	14.93	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.507	14.93	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.001	19.89	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.991	19.72	PASS
Band4	20MHz	QPSK	20300	100RB#0	18.044	19.72	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.027	19.83	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.013	19.89	PASS

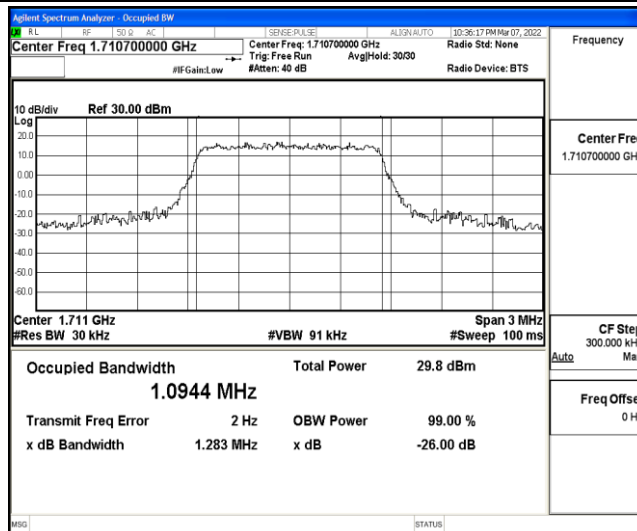


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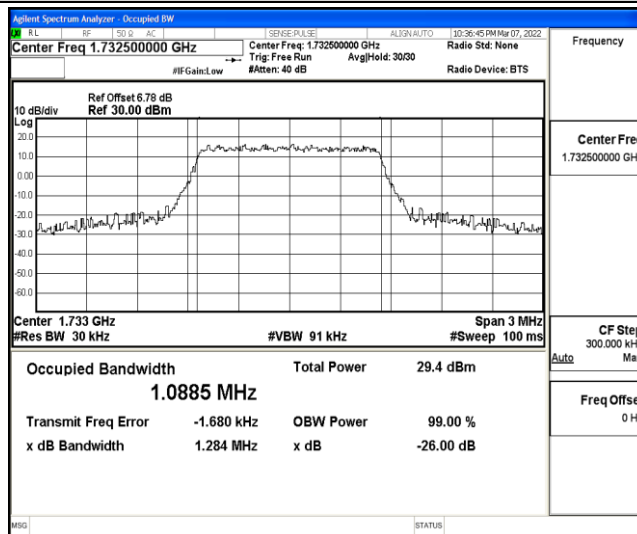


Test Graphs

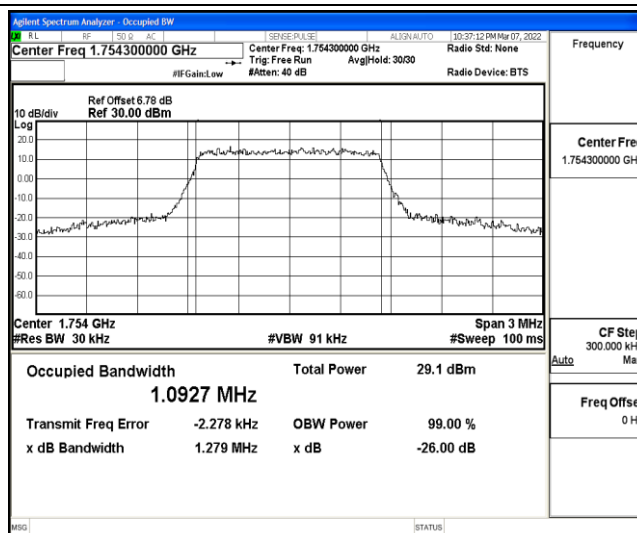
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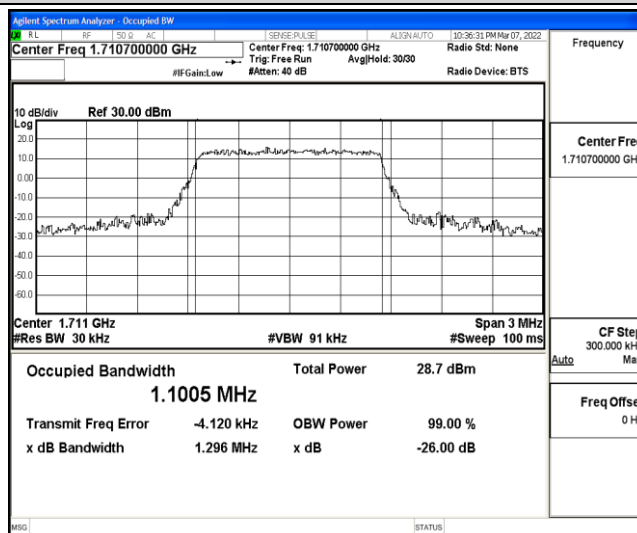
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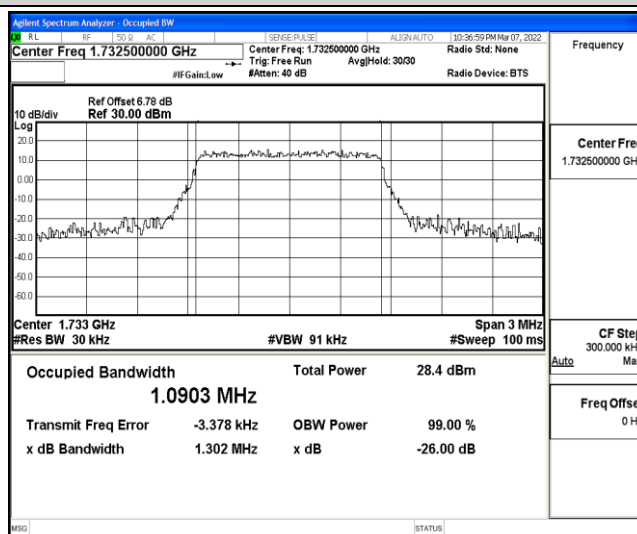
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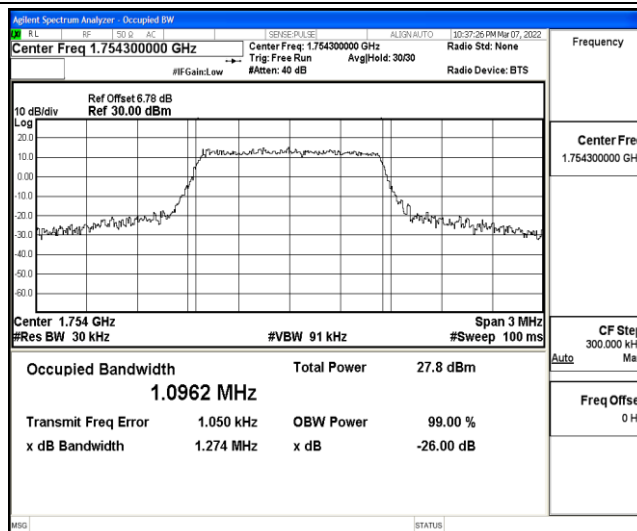
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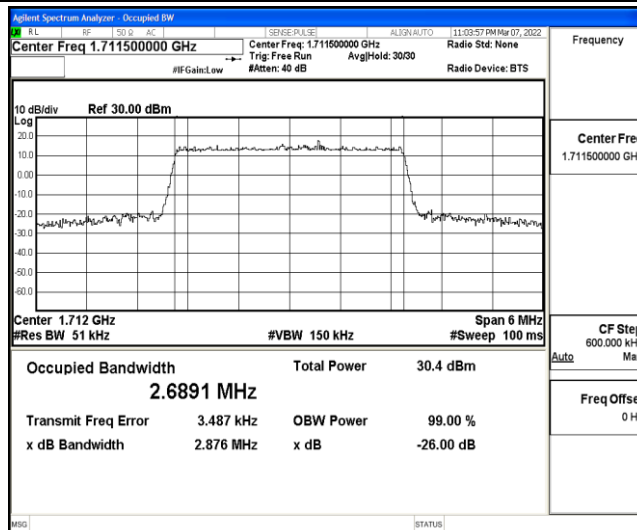
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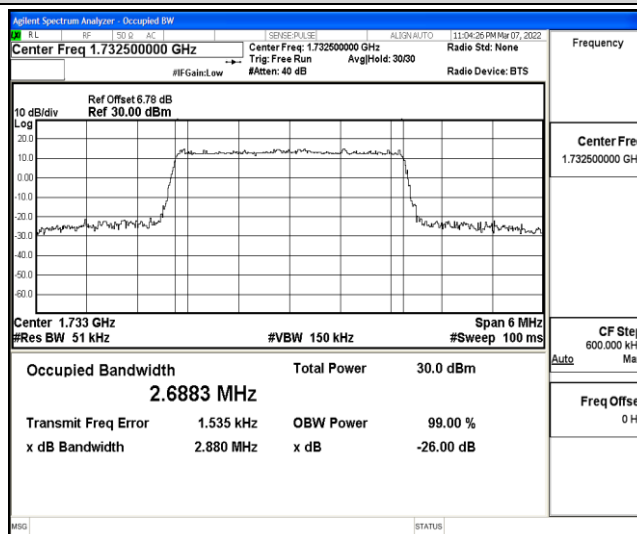
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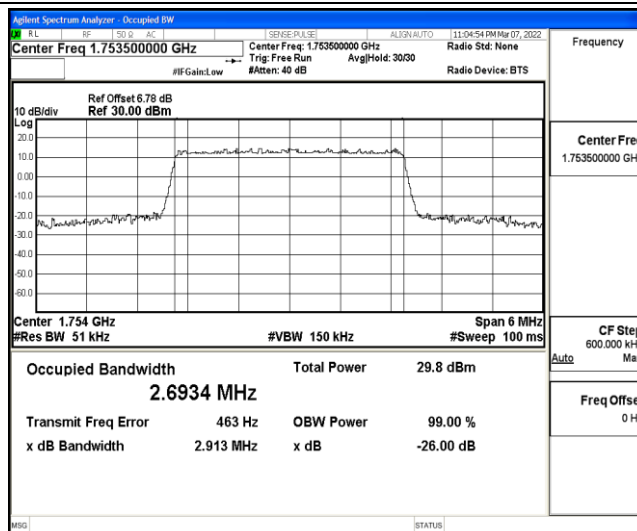
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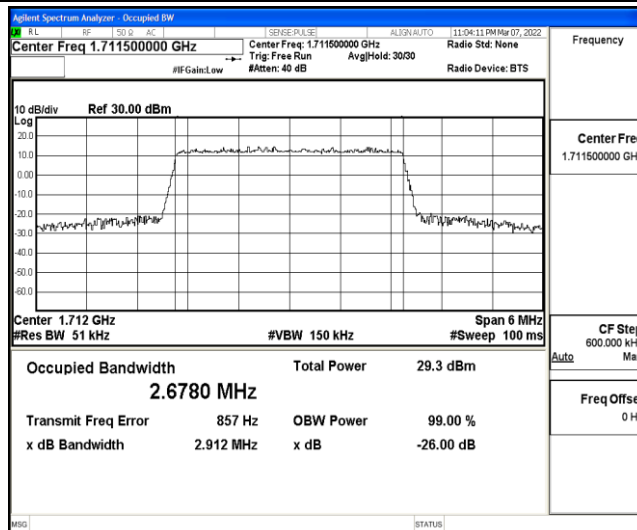
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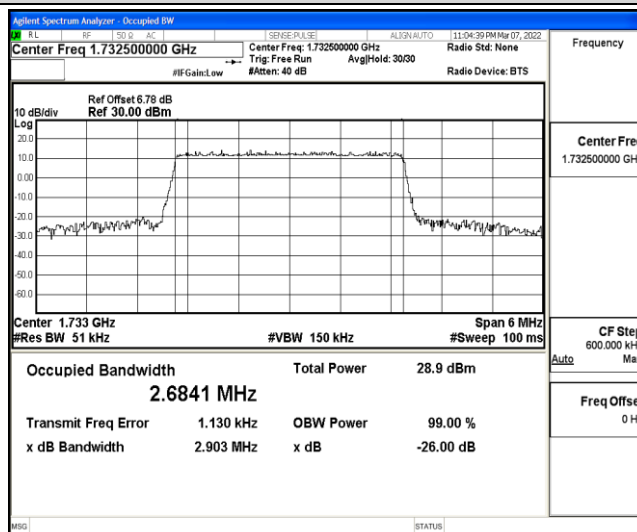
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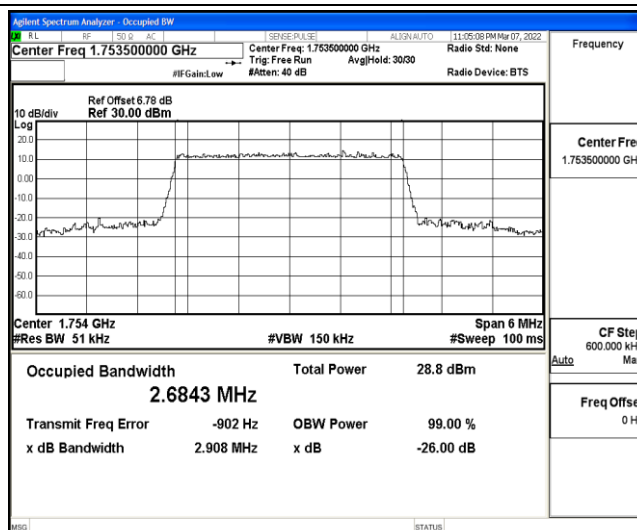
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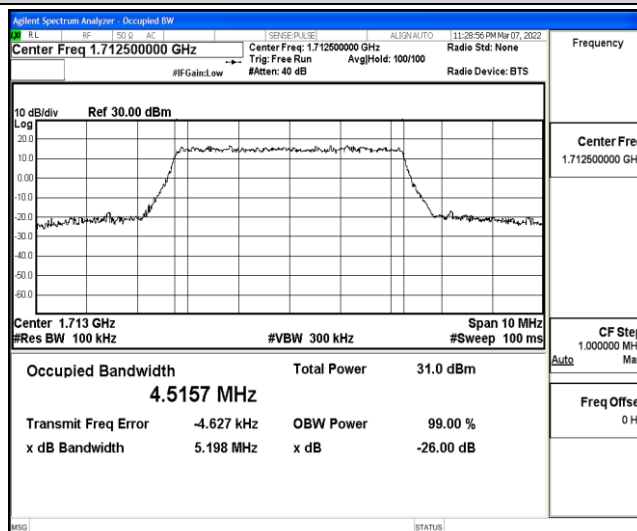
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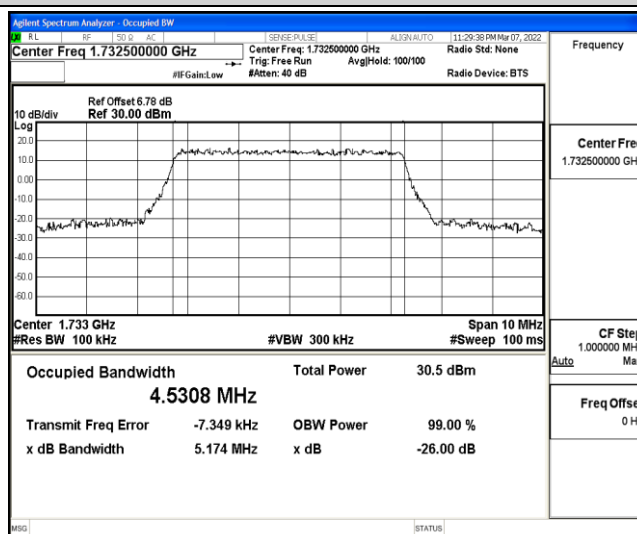
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Band4-5MHz-QPSK-19975-25RB#0



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



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