

Appendix for LTE Band4

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Appendix A: Effective (Isotropic) Radiated Power Output Data**Test Result**

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.99	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	23.07	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.11	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	23.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.96	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.94	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.09	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.52	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.25	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.17	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.35	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.26	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	23.14	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	23.43	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.26	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.15	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.17	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	23.16	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	23.13	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	23.06	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	23.42	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.83	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.95	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.83	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	22.08	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.95	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.95	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.20	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	23.23	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	23.11	PASS

Band4	1.4MHz	16QAM	20175	1RB#5	23.39	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	23.33	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	23.13	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	23.08	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	22.27	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	23.32	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	23.38	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	23.08	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	23.35	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	23.19	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	23.18	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	22.59	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.26	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.74	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.05	PASS
Band4	3MHz	QPSK	19965	8RB#0	22.20	PASS
Band4	3MHz	QPSK	19965	8RB#4	22.19	PASS
Band4	3MHz	QPSK	19965	8RB#7	22.48	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.46	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.16	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.85	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.35	PASS
Band4	3MHz	QPSK	20175	8RB#0	23.39	PASS
Band4	3MHz	QPSK	20175	8RB#4	23.37	PASS
Band4	3MHz	QPSK	20175	8RB#7	23.27	PASS
Band4	3MHz	QPSK	20175	15RB#0	23.25	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.24	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.85	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.98	PASS
Band4	3MHz	QPSK	20385	8RB#0	23.48	PASS
Band4	3MHz	QPSK	20385	8RB#4	23.48	PASS
Band4	3MHz	QPSK	20385	8RB#7	23.45	PASS
Band4	3MHz	QPSK	20385	15RB#0	23.40	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.82	PASS

Band4	3MHz	16QAM	19965	1RB#14	22.02	PASS
Band4	3MHz	16QAM	19965	8RB#0	21.27	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.45	PASS
Band4	3MHz	16QAM	19965	8RB#7	21.55	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.37	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.71	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.57	PASS
Band4	3MHz	16QAM	20175	1RB#14	23.65	PASS
Band4	3MHz	16QAM	20175	8RB#0	22.28	PASS
Band4	3MHz	16QAM	20175	8RB#4	22.29	PASS
Band4	3MHz	16QAM	20175	8RB#7	22.25	PASS
Band4	3MHz	16QAM	20175	15RB#0	22.15	PASS
Band4	3MHz	16QAM	20385	1RB#0	23.21	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.87	PASS
Band4	3MHz	16QAM	20385	1RB#14	23.20	PASS
Band4	3MHz	16QAM	20385	8RB#0	22.38	PASS
Band4	3MHz	16QAM	20385	8RB#4	22.42	PASS
Band4	3MHz	16QAM	20385	8RB#7	22.41	PASS
Band4	3MHz	16QAM	20385	15RB#0	22.32	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.89	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.60	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.78	PASS
Band4	5MHz	QPSK	19975	12RB#0	22.13	PASS
Band4	5MHz	QPSK	19975	12RB#6	22.11	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.98	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.07	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.55	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.47	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.79	PASS
Band4	5MHz	QPSK	20175	12RB#0	22.67	PASS
Band4	5MHz	QPSK	20175	12RB#6	22.69	PASS
Band4	5MHz	QPSK	20175	12RB#13	23.37	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.98	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.83	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.59	PASS

Band4	5MHz	QPSK	20375	1RB#24	23.69	PASS
Band4	5MHz	QPSK	20375	12RB#0	23.12	PASS
Band4	5MHz	QPSK	20375	12RB#6	23.11	PASS
Band4	5MHz	QPSK	20375	12RB#13	23.18	PASS
Band4	5MHz	QPSK	20375	25RB#0	23.16	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.10	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.62	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.97	PASS
Band4	5MHz	16QAM	19975	12RB#0	21.18	PASS
Band4	5MHz	16QAM	19975	12RB#6	21.15	PASS
Band4	5MHz	16QAM	19975	12RB#13	21.04	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.12	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.44	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.96	PASS
Band4	5MHz	16QAM	20175	1RB#24	23.27	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.61	PASS
Band4	5MHz	16QAM	20175	12RB#6	21.62	PASS
Band4	5MHz	16QAM	20175	12RB#13	22.57	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.93	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.77	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.72	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.83	PASS
Band4	5MHz	16QAM	20375	12RB#0	22.14	PASS
Band4	5MHz	16QAM	20375	12RB#6	22.12	PASS
Band4	5MHz	16QAM	20375	12RB#13	22.20	PASS
Band4	5MHz	16QAM	20375	25RB#0	22.22	PASS
Band4	10MHz	QPSK	20000	1RB#0	23.07	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.41	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.83	PASS
Band4	10MHz	QPSK	20000	25RB#0	22.08	PASS
Band4	10MHz	QPSK	20000	25RB#12	22.13	PASS
Band4	10MHz	QPSK	20000	25RB#25	22.06	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.27	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.70	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.25	PASS

Band4	10MHz	QPSK	20175	1RB#49	23.46	PASS
Band4	10MHz	QPSK	20175	25RB#0	22.81	PASS
Band4	10MHz	QPSK	20175	25RB#12	22.90	PASS
Band4	10MHz	QPSK	20175	25RB#25	23.36	PASS
Band4	10MHz	QPSK	20175	50RB#0	23.15	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.34	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.22	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.40	PASS
Band4	10MHz	QPSK	20350	25RB#0	23.25	PASS
Band4	10MHz	QPSK	20350	25RB#12	23.22	PASS
Band4	10MHz	QPSK	20350	25RB#25	23.32	PASS
Band4	10MHz	QPSK	20350	50RB#0	23.26	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.17	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.29	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.86	PASS
Band4	10MHz	16QAM	20000	25RB#0	21.88	PASS
Band4	10MHz	16QAM	20000	25RB#12	21.89	PASS
Band4	10MHz	16QAM	20000	25RB#25	21.82	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.05	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.86	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.34	PASS
Band4	10MHz	16QAM	20175	1RB#49	23.25	PASS
Band4	10MHz	16QAM	20175	25RB#0	21.66	PASS
Band4	10MHz	16QAM	20175	25RB#12	21.64	PASS
Band4	10MHz	16QAM	20175	25RB#25	22.41	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.99	PASS
Band4	10MHz	16QAM	20350	1RB#0	23.23	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.38	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.94	PASS
Band4	10MHz	16QAM	20350	25RB#0	22.37	PASS
Band4	10MHz	16QAM	20350	25RB#12	22.33	PASS
Band4	10MHz	16QAM	20350	25RB#25	22.36	PASS
Band4	10MHz	16QAM	20350	50RB#0	22.27	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.73	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.00	PASS

Band4	15MHz	QPSK	20025	1RB#74	22.96	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.67	PASS
Band4	15MHz	QPSK	20025	38RB#18	21.20	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.86	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.74	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.99	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.14	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.26	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.63	PASS
Band4	15MHz	QPSK	20175	38RB#18	22.37	PASS
Band4	15MHz	QPSK	20175	38RB#37	23.19	PASS
Band4	15MHz	QPSK	20175	75RB#0	23.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.28	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.29	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.35	PASS
Band4	15MHz	QPSK	20325	38RB#0	23.20	PASS
Band4	15MHz	QPSK	20325	38RB#18	22.93	PASS
Band4	15MHz	QPSK	20325	38RB#37	23.02	PASS
Band4	15MHz	QPSK	20325	75RB#0	23.21	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.81	PASS
Band4	15MHz	16QAM	20025	1RB#38	20.96	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.81	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.77	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.05	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.59	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.55	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.58	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.18	PASS
Band4	15MHz	16QAM	20175	1RB#74	23.07	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.64	PASS
Band4	15MHz	16QAM	20175	38RB#18	22.12	PASS
Band4	15MHz	16QAM	20175	38RB#37	23.17	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.85	PASS
Band4	15MHz	16QAM	20325	1RB#0	23.19	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.82	PASS

Band4	15MHz	16QAM	20325	1RB#74	23.01	PASS
Band4	15MHz	16QAM	20325	38RB#0	22.98	PASS
Band4	15MHz	16QAM	20325	38RB#18	22.84	PASS
Band4	15MHz	16QAM	20325	38RB#37	22.99	PASS
Band4	15MHz	16QAM	20325	75RB#0	22.58	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.24	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.01	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.14	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.89	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.99	PASS
Band4	20MHz	QPSK	20050	50RB#50	22.09	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.55	PASS
Band4	20MHz	QPSK	20175	1RB#0	21.97	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.23	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.03	PASS
Band4	20MHz	QPSK	20175	50RB#0	22.41	PASS
Band4	20MHz	QPSK	20175	50RB#25	22.50	PASS
Band4	20MHz	QPSK	20175	50RB#50	23.02	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.96	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.11	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.20	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.72	PASS
Band4	20MHz	QPSK	20300	50RB#0	22.93	PASS
Band4	20MHz	QPSK	20300	50RB#25	22.91	PASS
Band4	20MHz	QPSK	20300	50RB#50	23.38	PASS
Band4	20MHz	QPSK	20300	100RB#0	23.21	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.97	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.88	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.98	PASS
Band4	20MHz	16QAM	20050	50RB#0	21.09	PASS
Band4	20MHz	16QAM	20050	50RB#25	21.13	PASS
Band4	20MHz	16QAM	20050	50RB#50	21.20	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.59	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.31	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.68	PASS

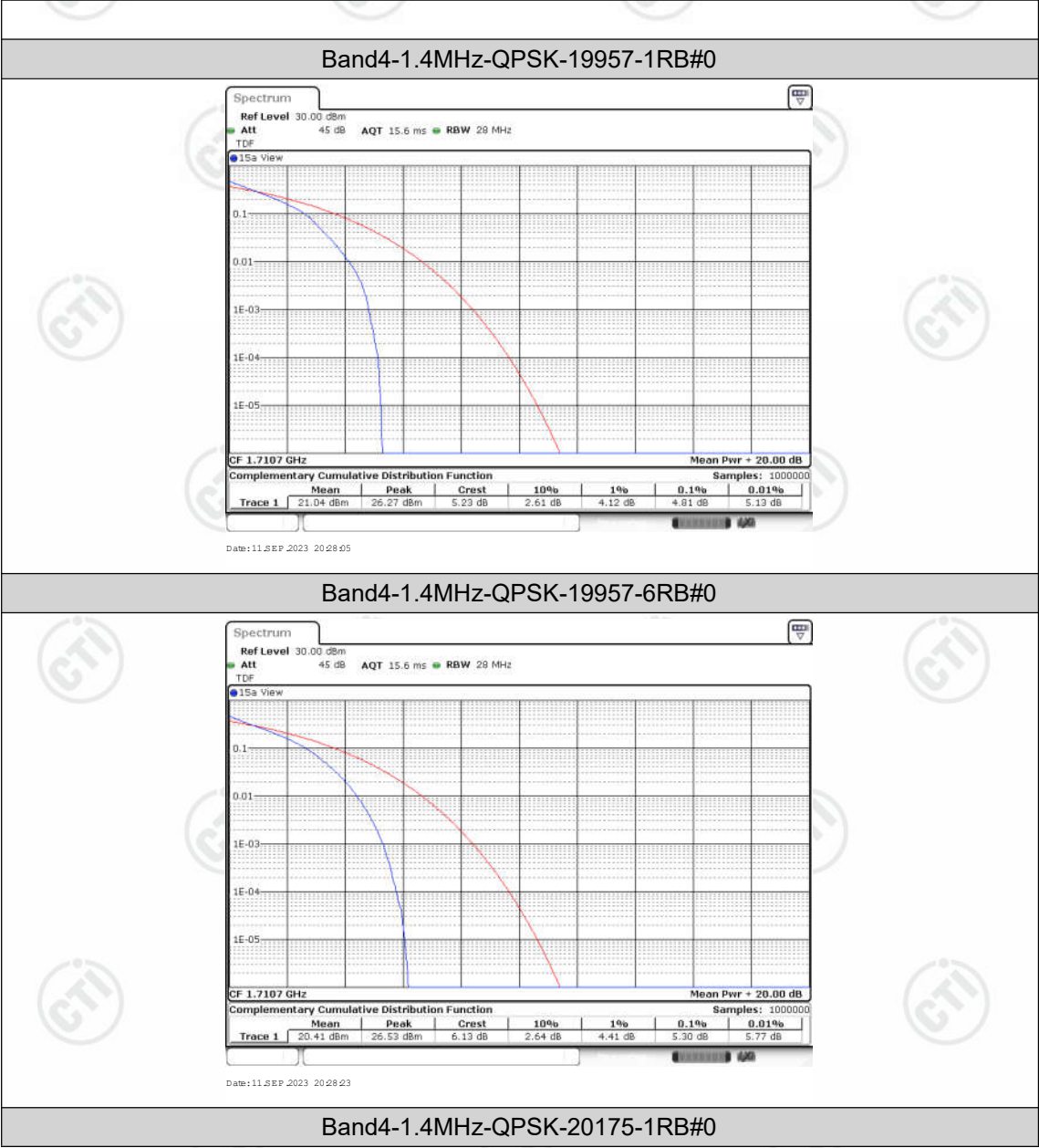
Band4	20MHz	16QAM	20175	1RB#99	22.95	PASS
Band4	20MHz	16QAM	20175	50RB#0	21.40	PASS
Band4	20MHz	16QAM	20175	50RB#25	21.42	PASS
Band4	20MHz	16QAM	20175	50RB#50	22.53	PASS
Band4	20MHz	16QAM	20175	100RB#0	22.22	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.95	PASS
Band4	20MHz	16QAM	20300	1RB#49	23.36	PASS
Band4	20MHz	16QAM	20300	1RB#99	23.63	PASS
Band4	20MHz	16QAM	20300	50RB#0	22.60	PASS
Band4	20MHz	16QAM	20300	50RB#25	22.80	PASS
Band4	20MHz	16QAM	20300	50RB#50	22.73	PASS
Band4	20MHz	16QAM	20300	100RB#0	23.04	PASS

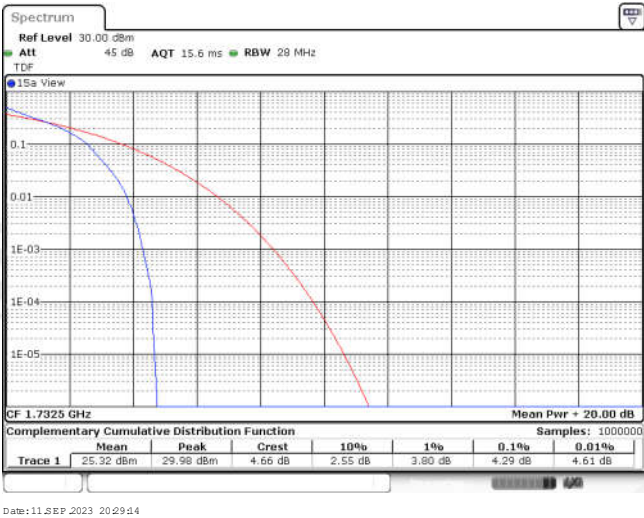
Appendix B: Peak-to-Average Ratio(CCDF)**Test Result**

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	4.81	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	5.30	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	4.29	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.13	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	3.39	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.14	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	5.77	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.14	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	5.01	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.94	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	4.41	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.13	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	4.43	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.16	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	4.49	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.16	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	3.51	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.29	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	5.19	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	5.94	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	5.30	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.09	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	4.20	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	5.36	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	4.64	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.25	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	4.58	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.13	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	3.88	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.38	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	5.68	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.03	13	PASS

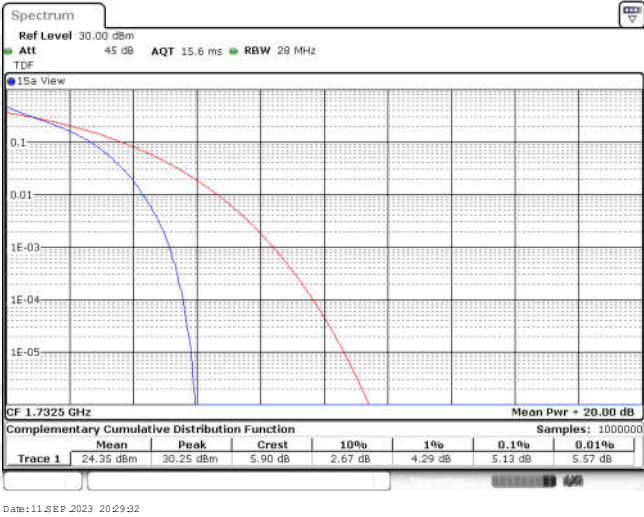
Band4	5MHz	16QAM	20175	1RB#0	5.62	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.03	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	4.64	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.33	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	4.43	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.10	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	4.61	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.10	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	4.55	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.67	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	5.25	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	5.97	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	5.51	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.03	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	4.72	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.57	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	4.61	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.62	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	4.93	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.36	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	4.84	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	4.99	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	5.45	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.29	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	5.88	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.14	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	5.13	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	5.62	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	4.84	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.45	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	5.30	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	4.99	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	4.75	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.96	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	5.33	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.26	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	5.65	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.88	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	5.28	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.68	13	PASS

Test Graphs

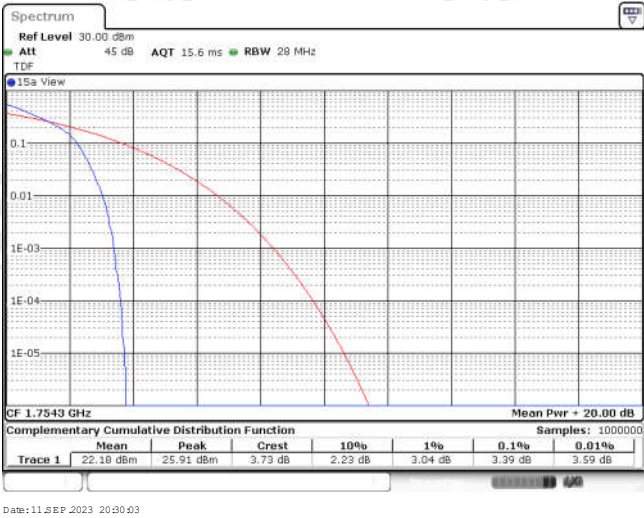




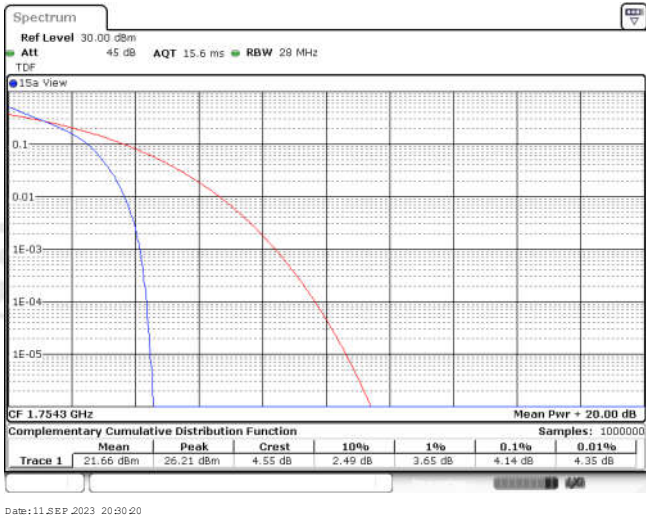
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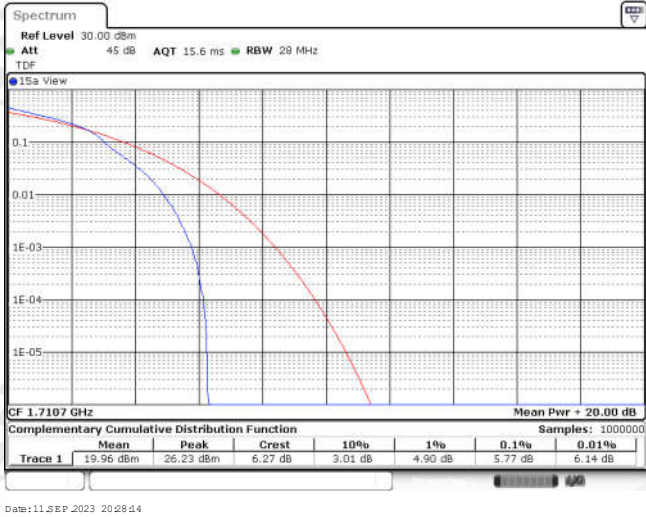
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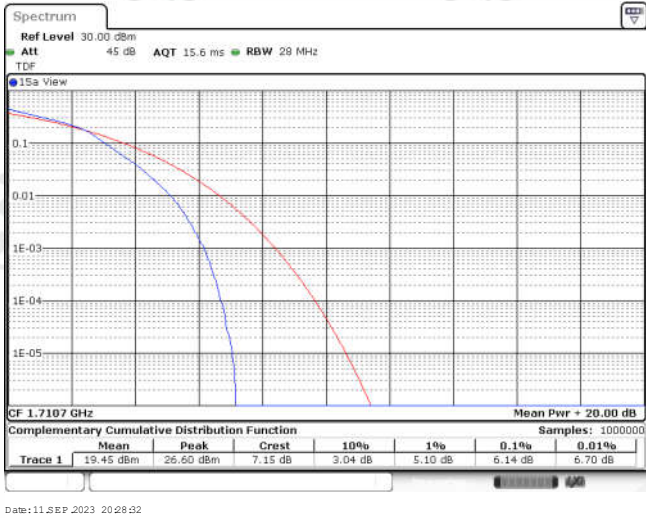
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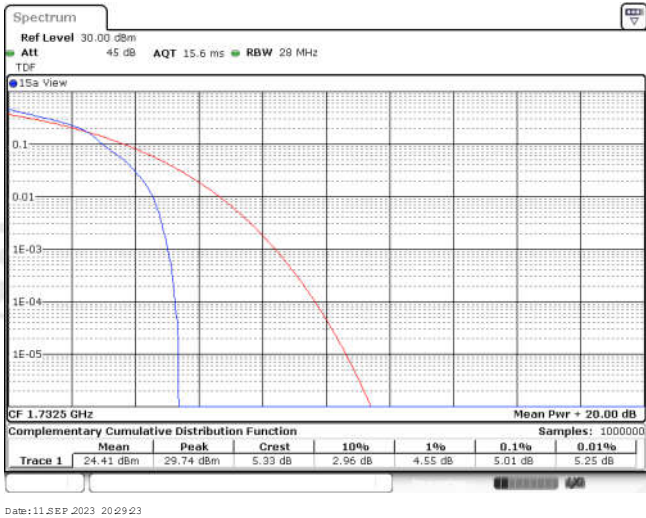
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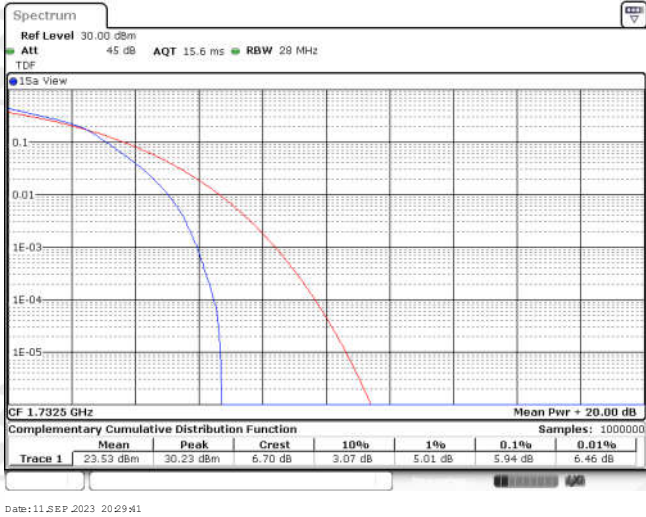
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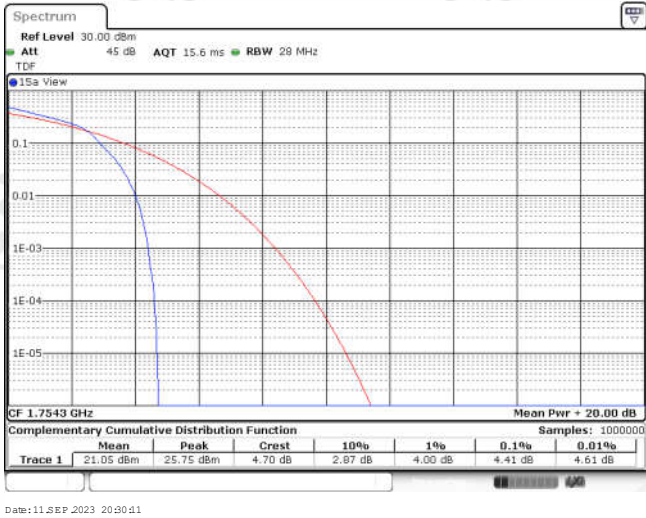
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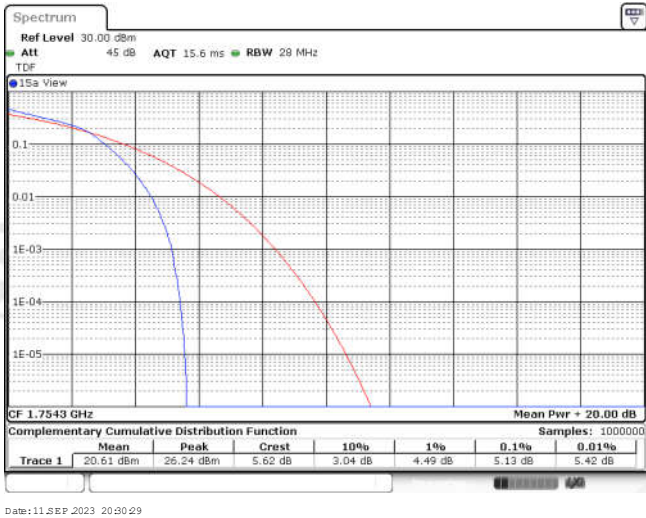
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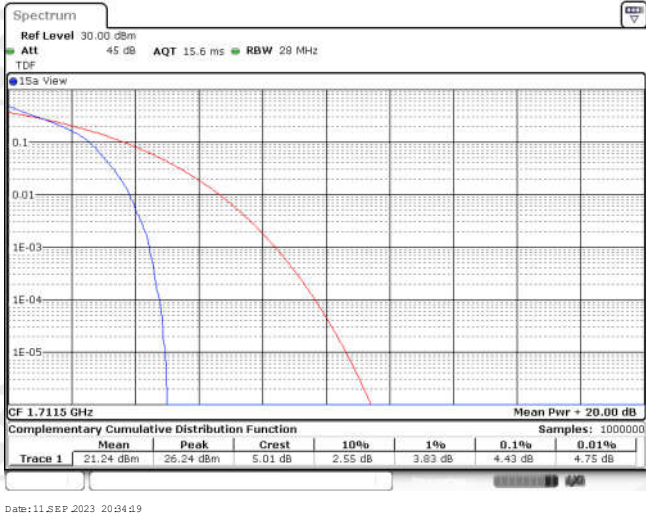
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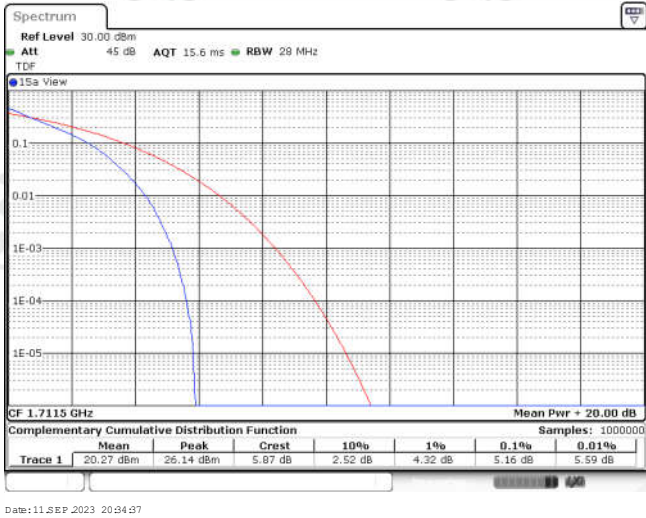
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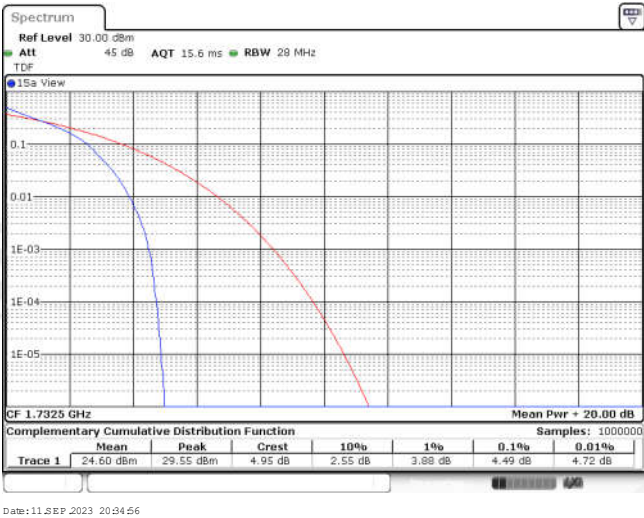
Band4-3MHz-QPSK-19965-1RB#0



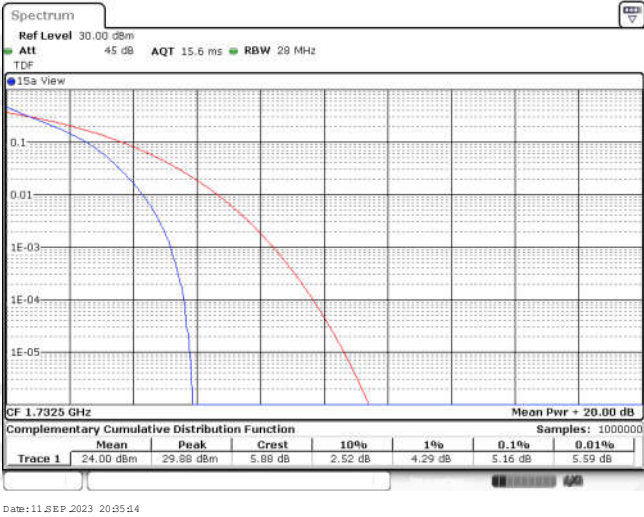
Band4-3MHz-QPSK-19965-15RB#0



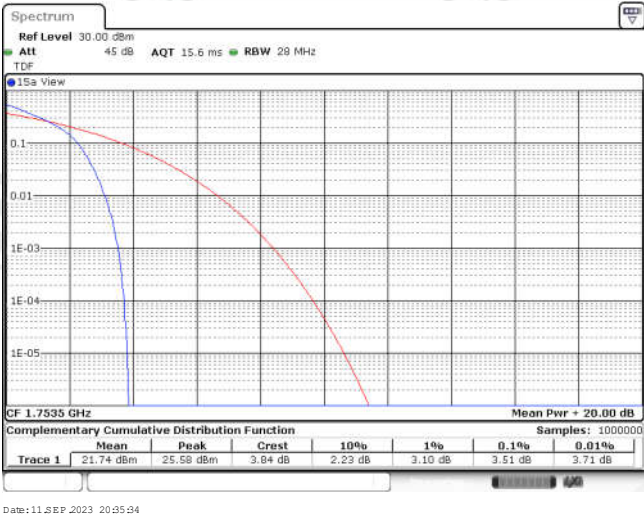
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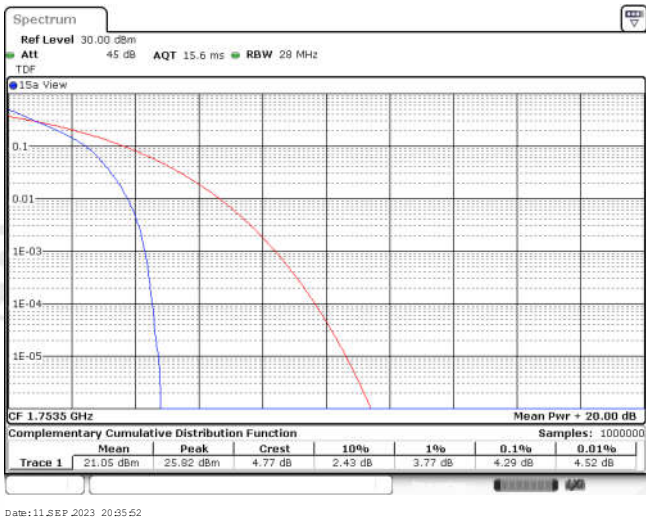
Band4-3MHz-QPSK-20175-15RB#0



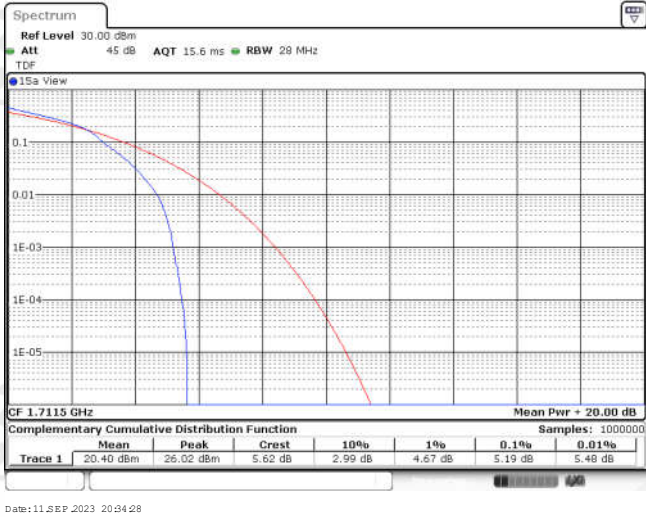
Band4-3MHz-QPSK-20385-1RB#0



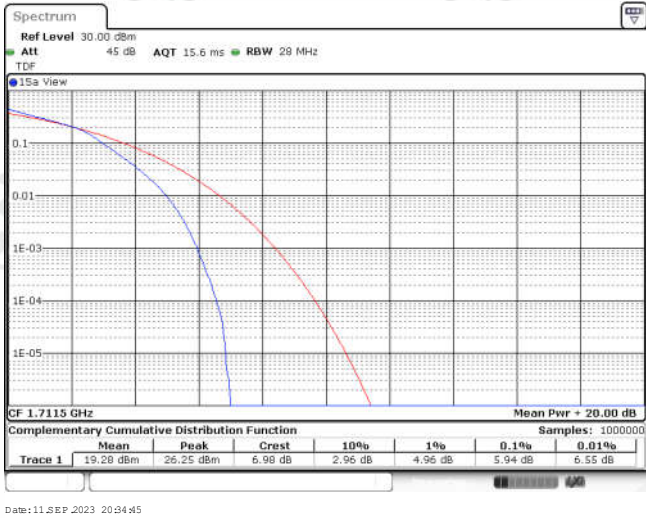
Band4-3MHz-QPSK-20385-15RB#0



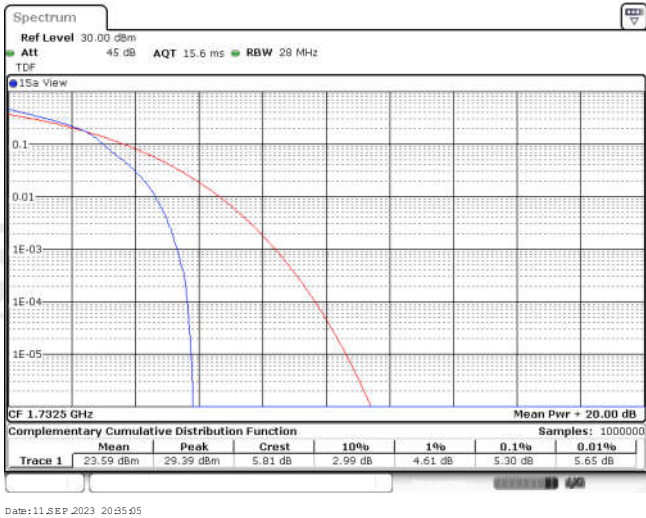
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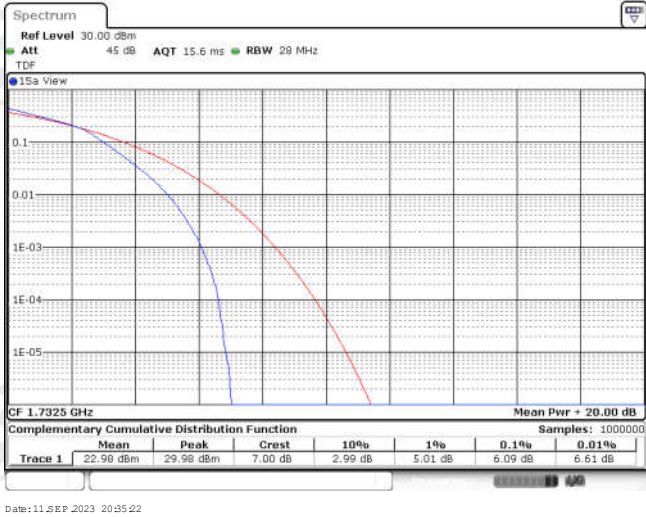
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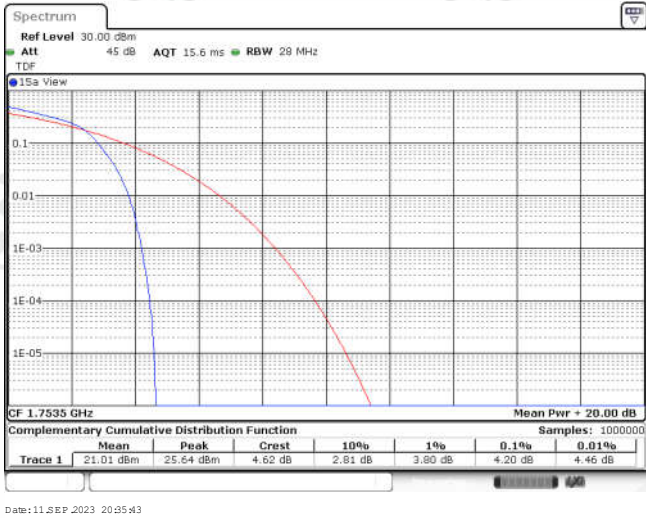
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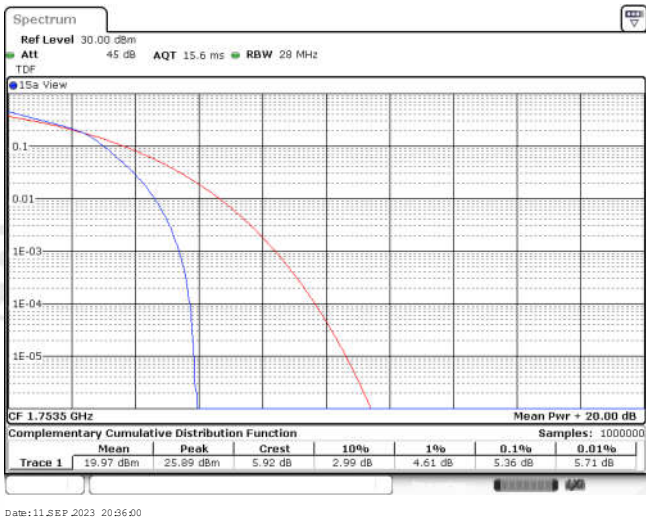
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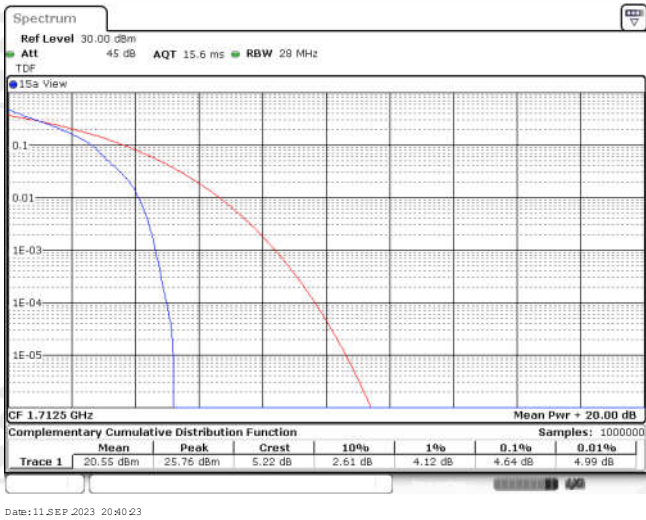
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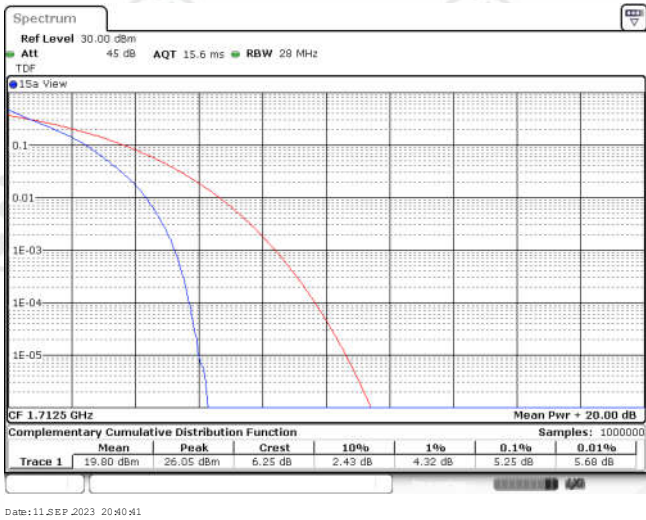
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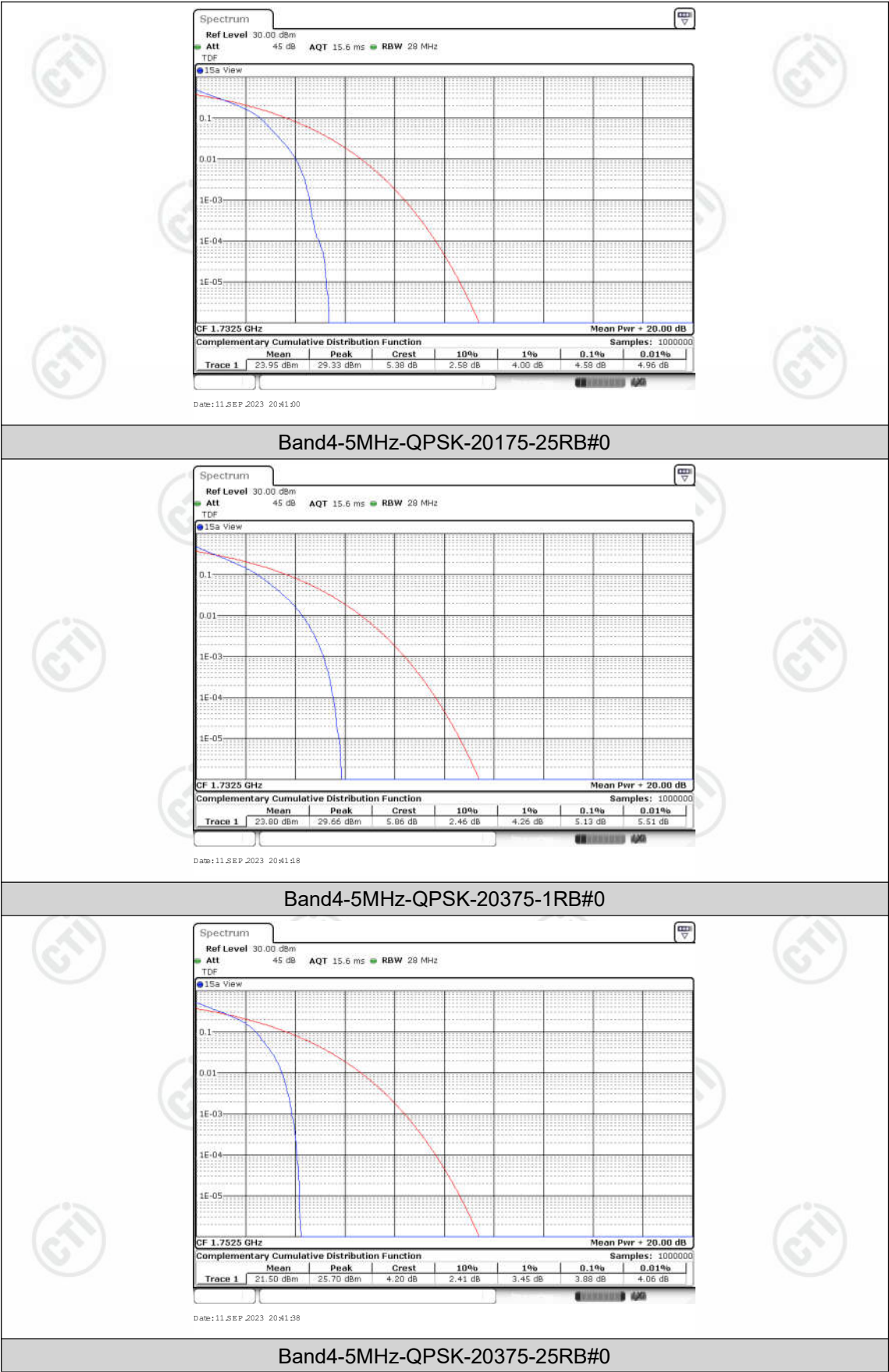
Band4-5MHz-QPSK-19975-1RB#0

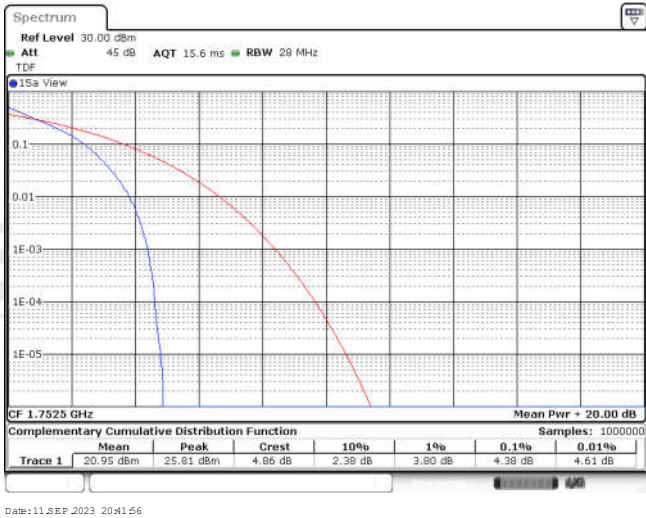


Band4-5MHz-QPSK-19975-25RB#0

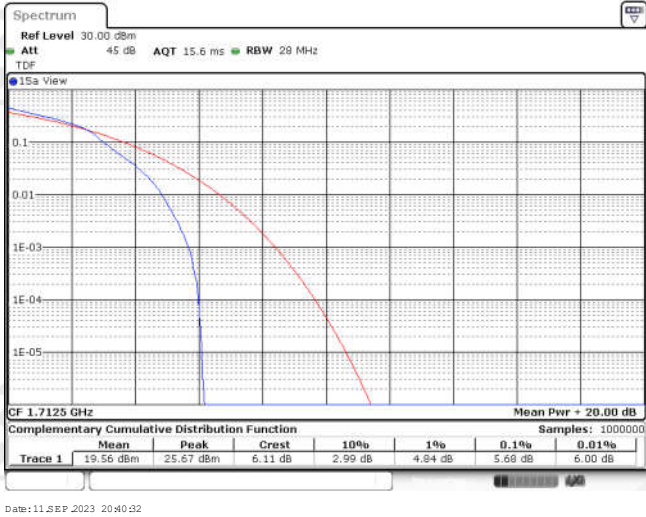


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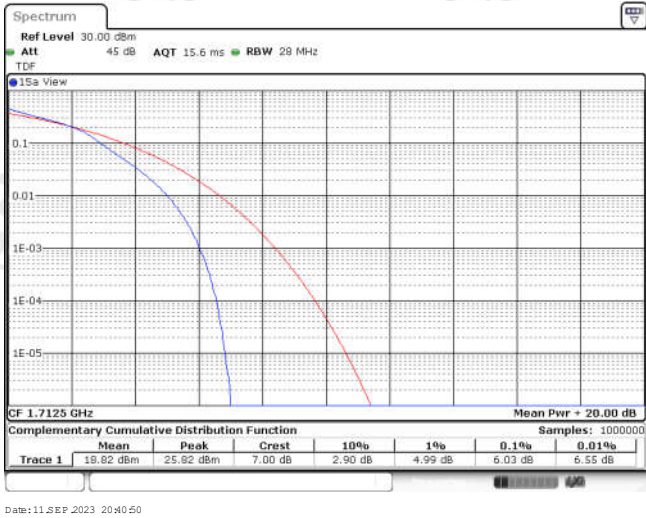




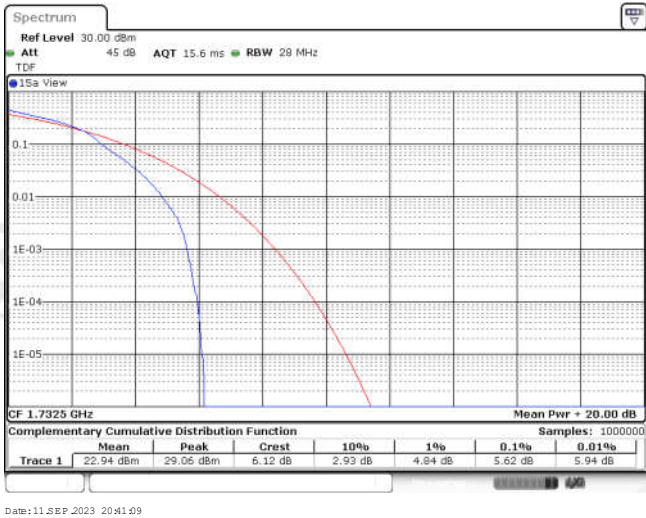
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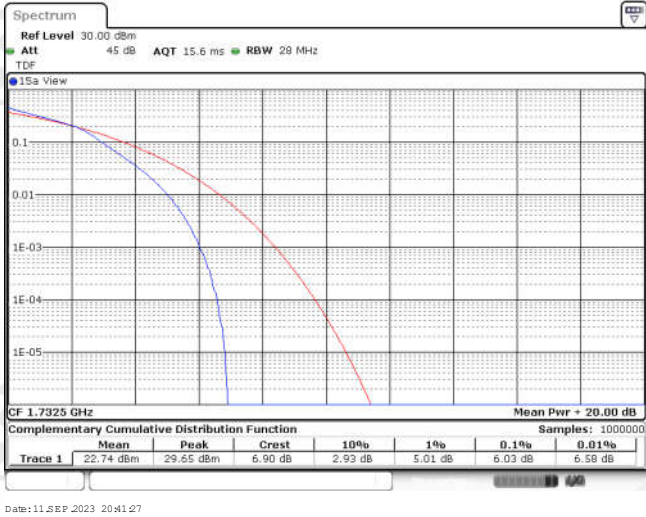
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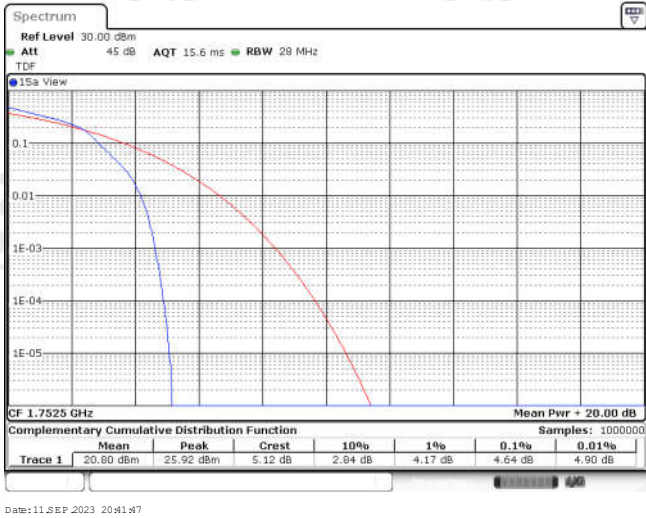
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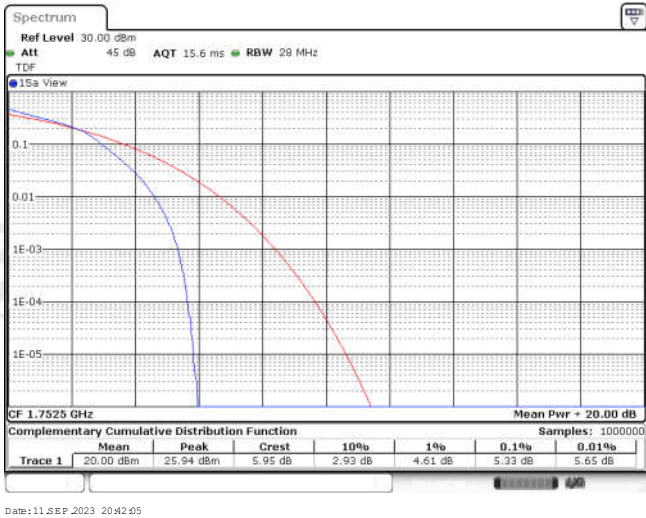
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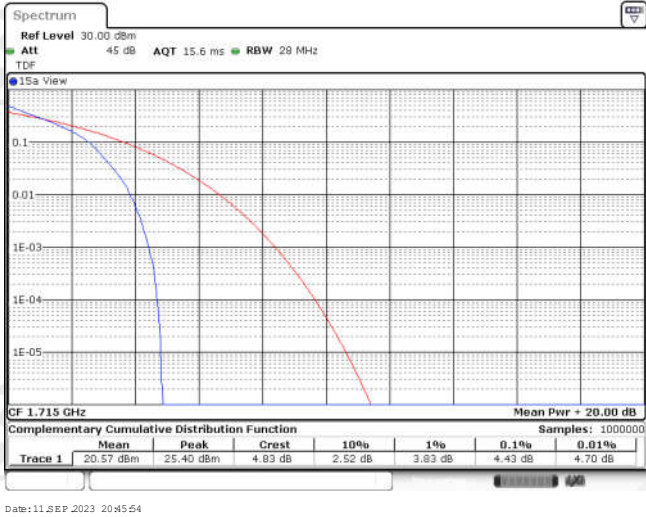
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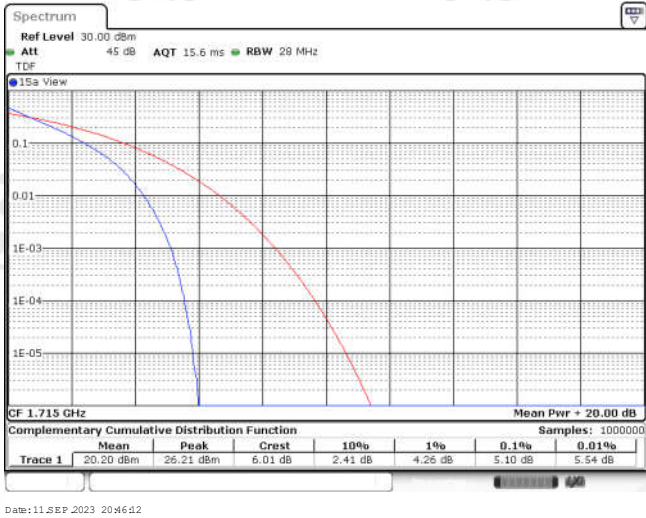
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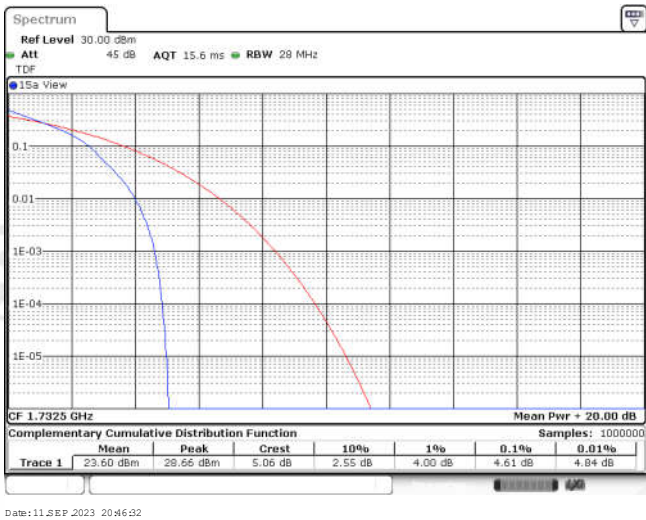
Band4-10MHz-QPSK-20000-1RB#0



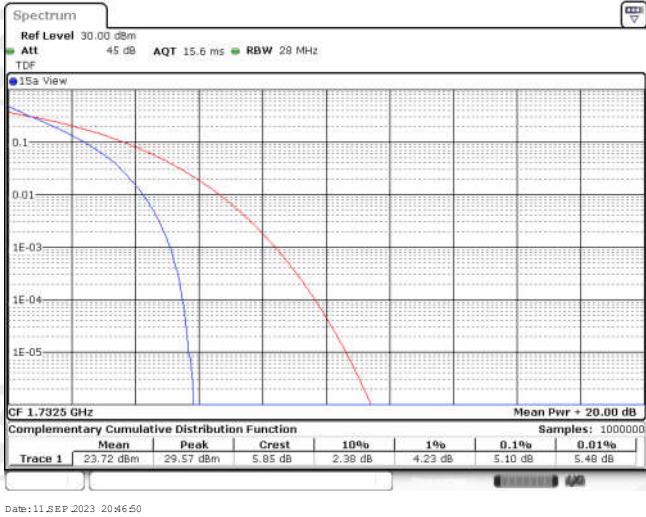
Band4-10MHz-QPSK-20000-50RB#0



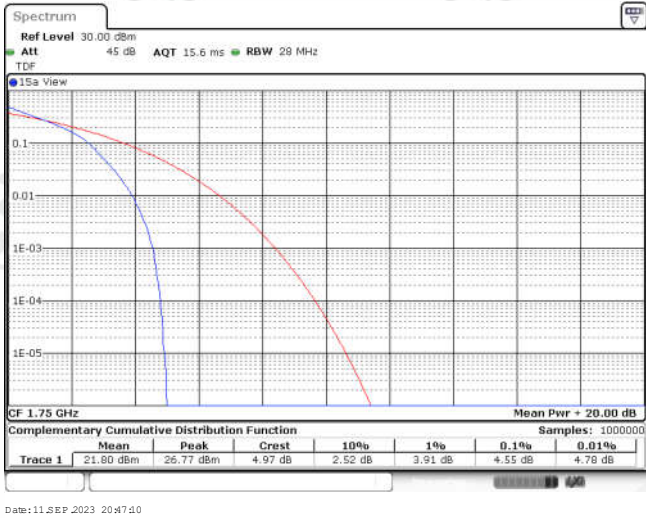
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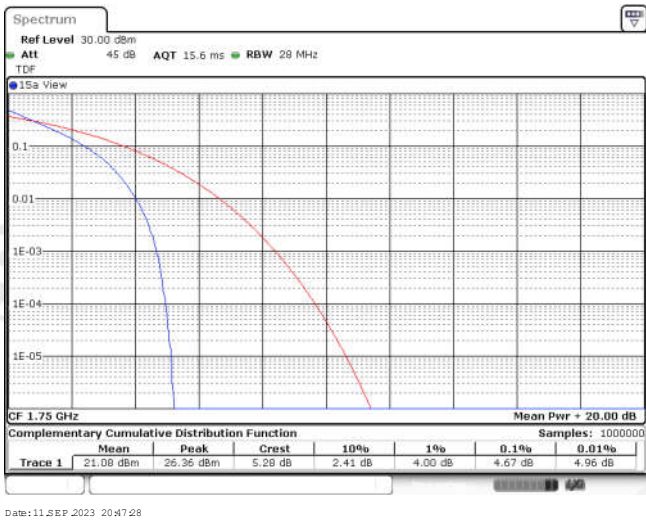
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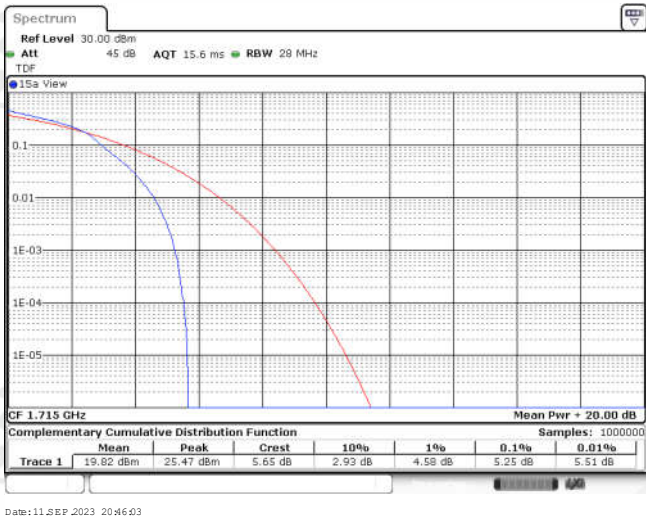
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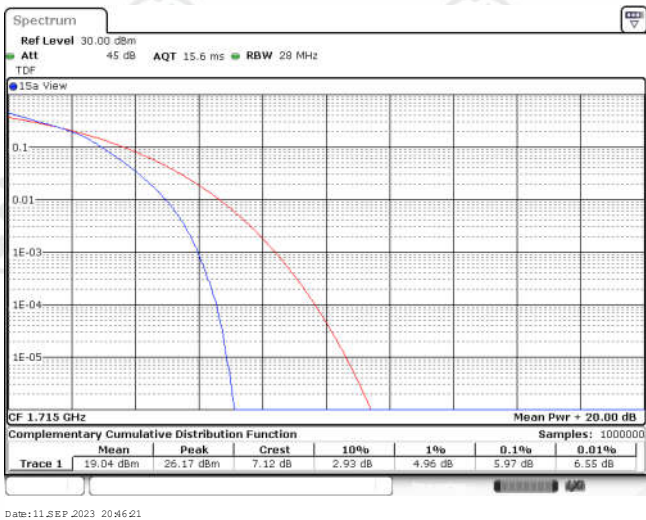
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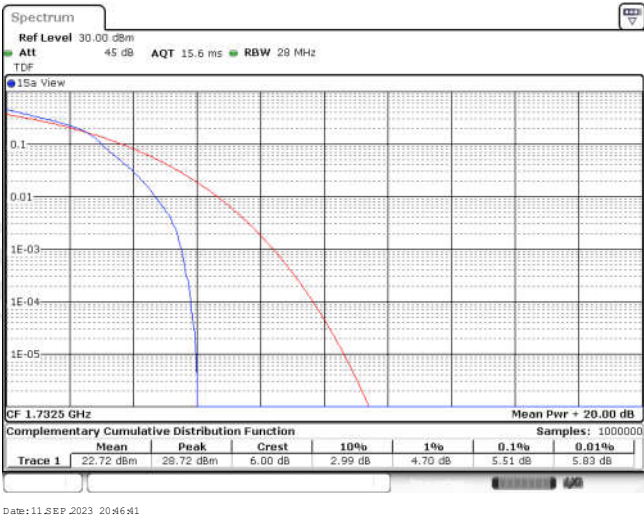
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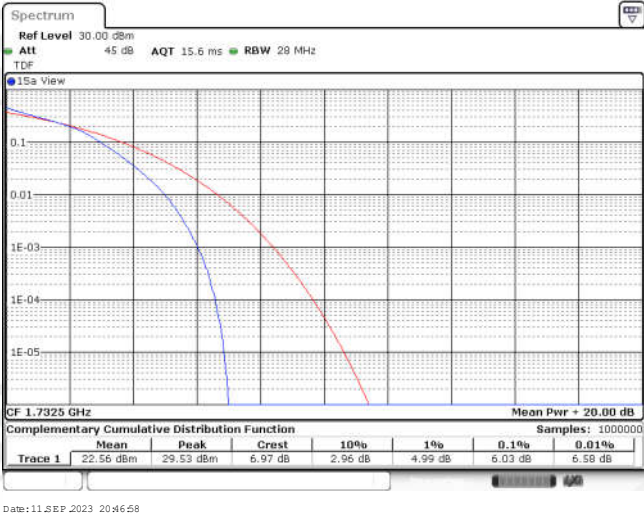
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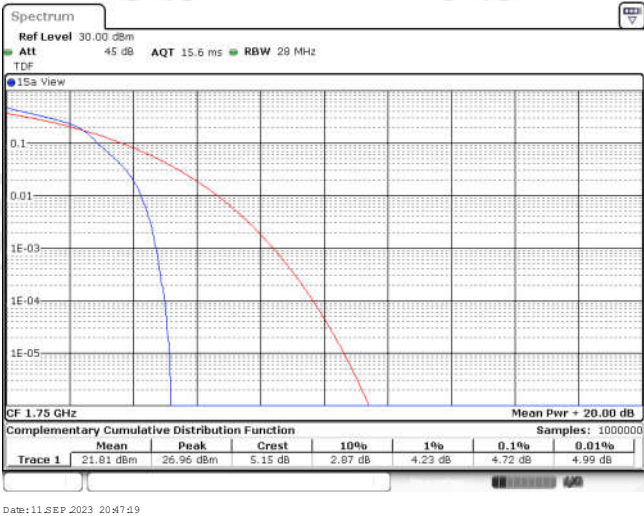
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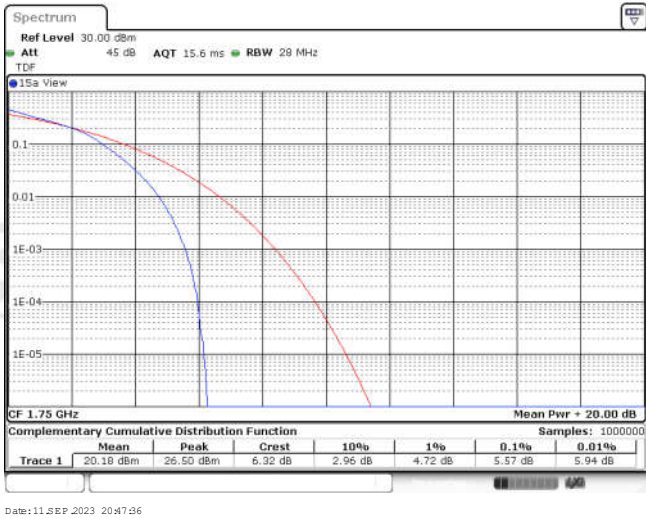
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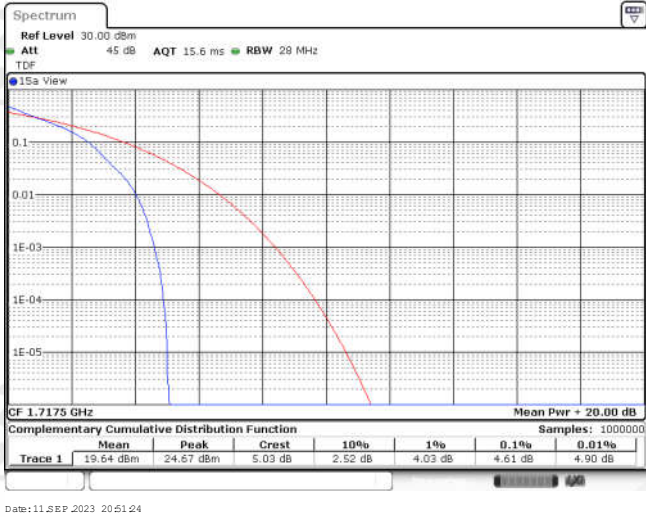
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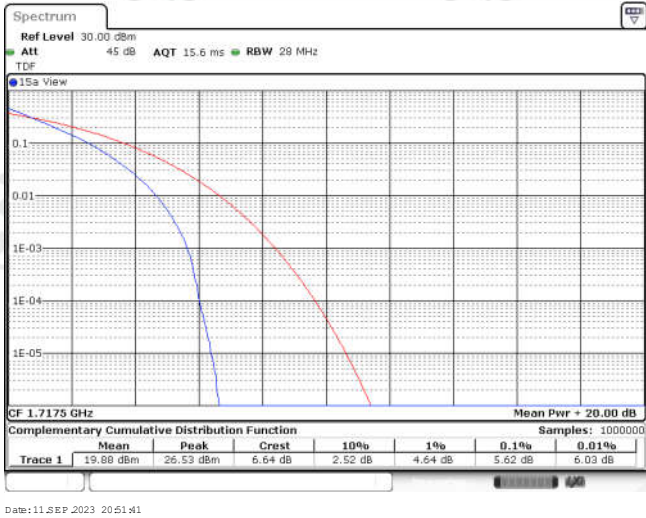
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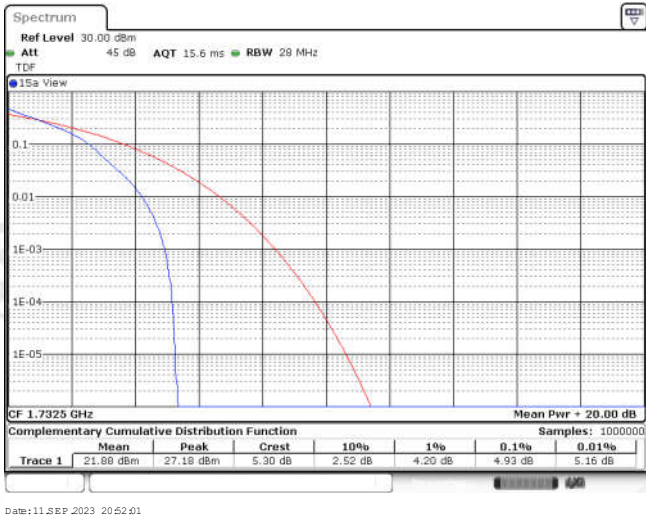
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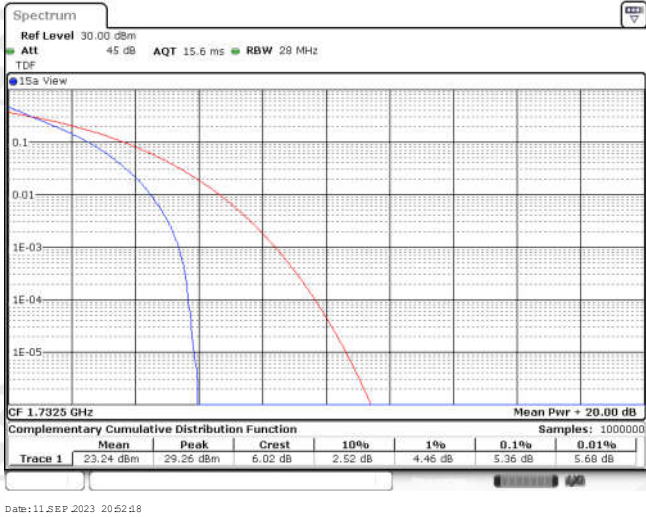
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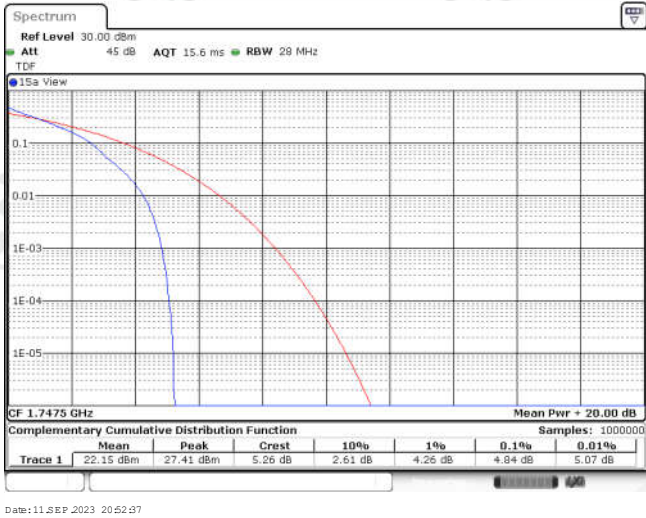
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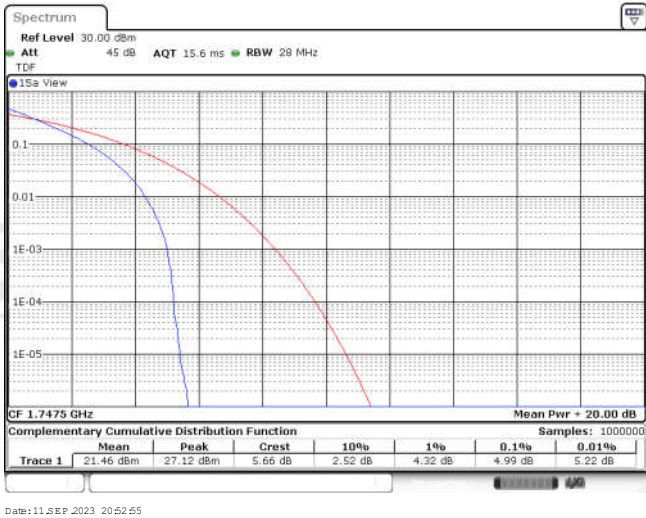
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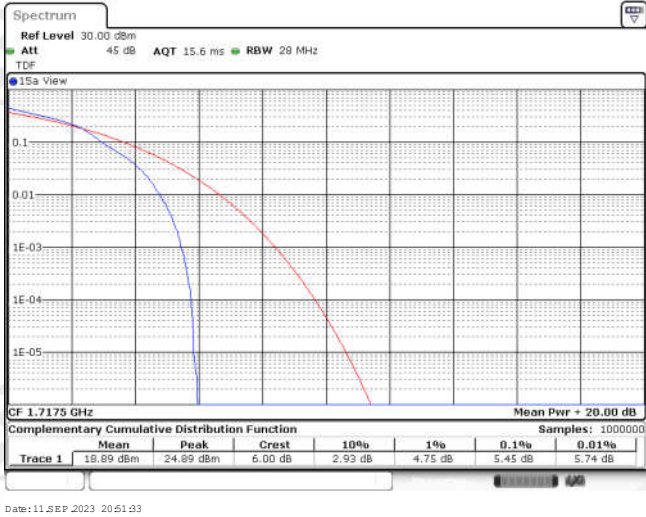
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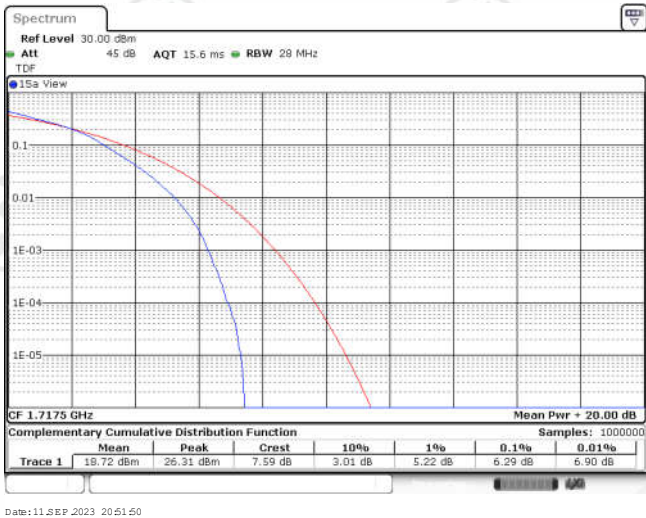
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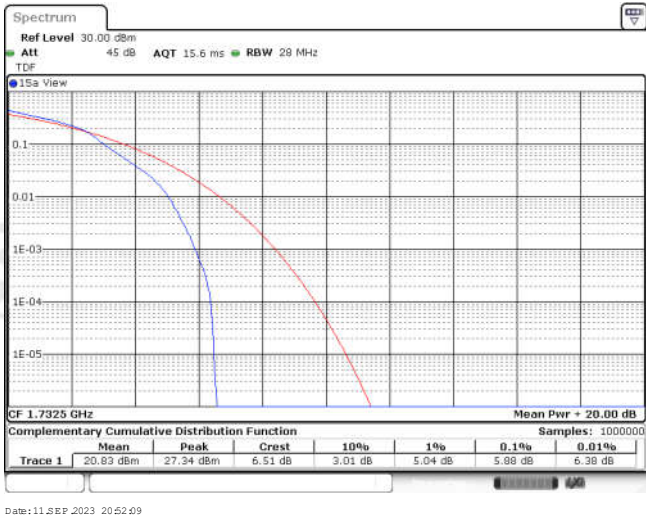
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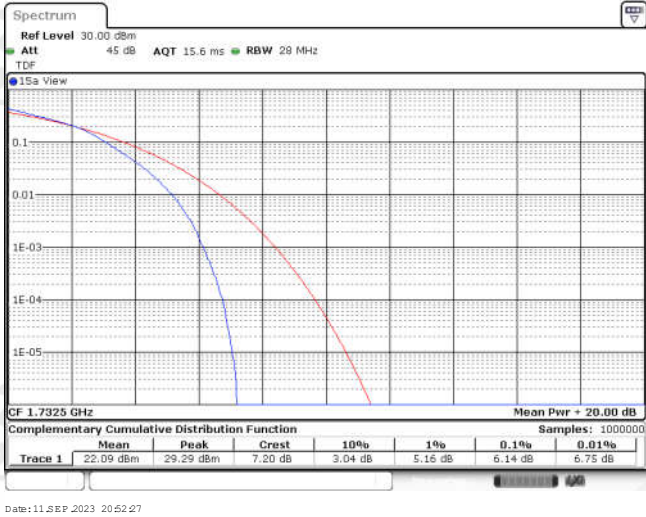
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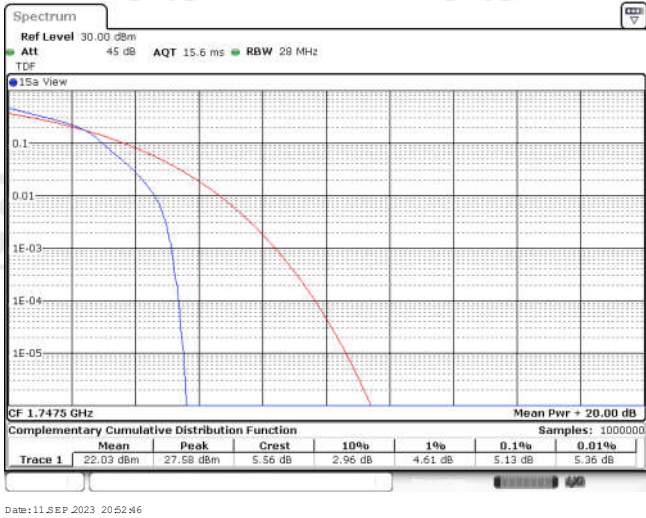
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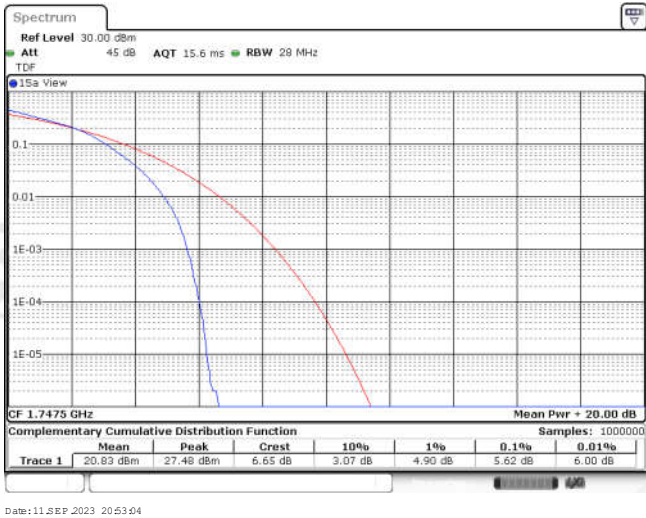
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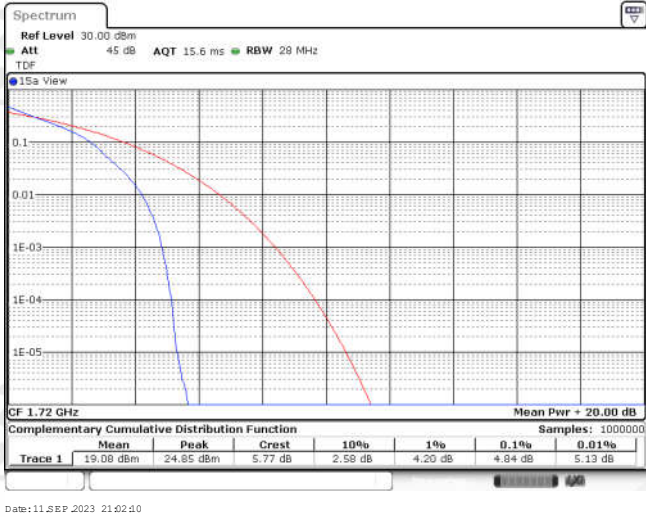
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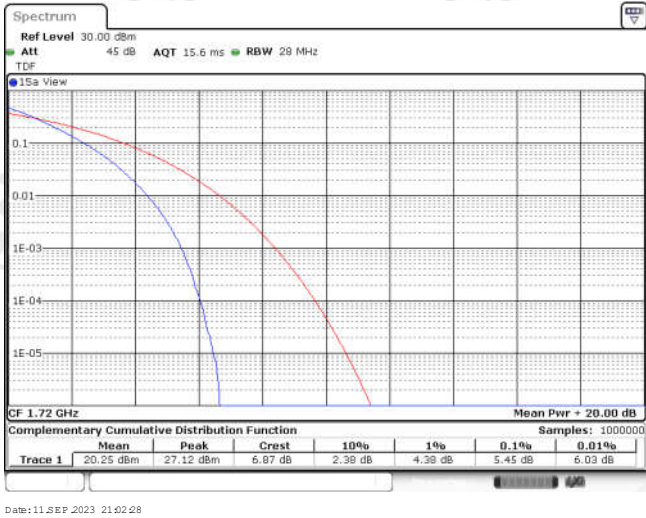
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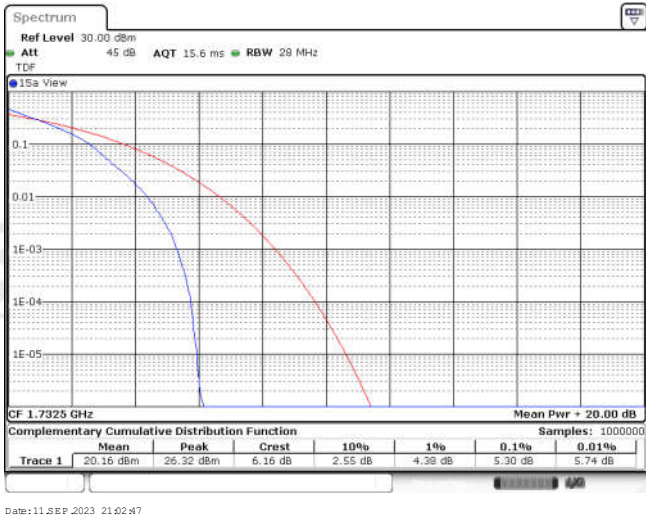
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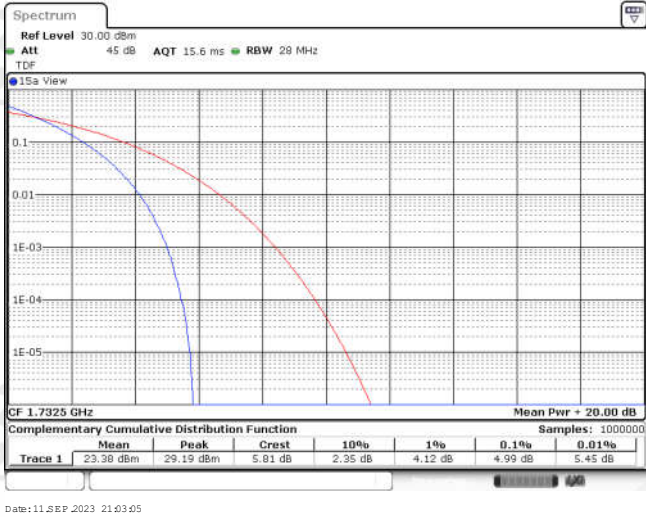
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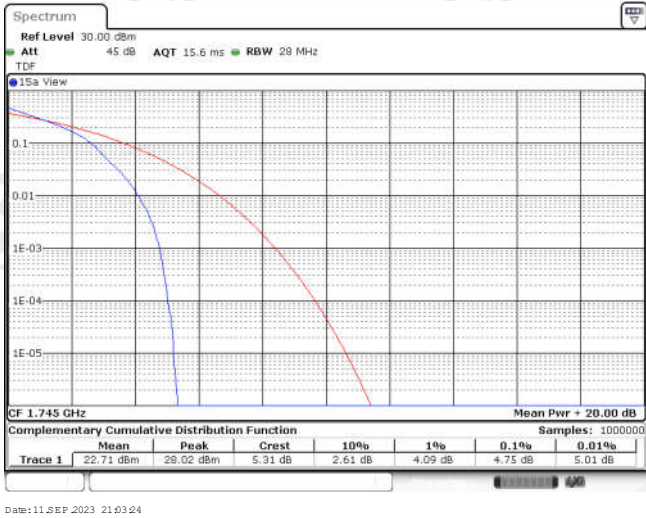
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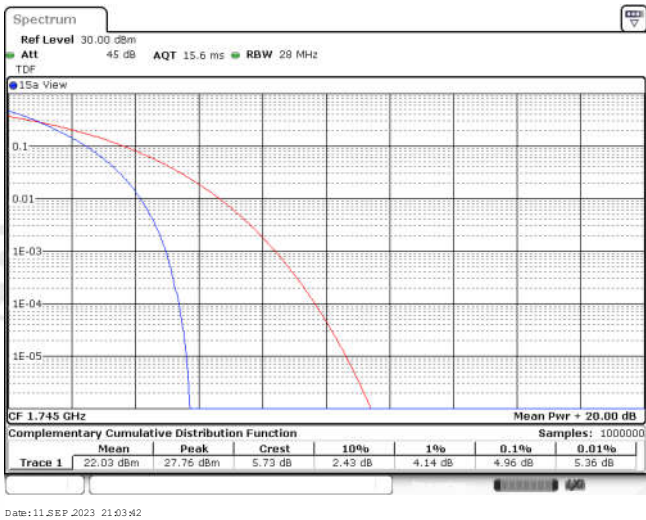
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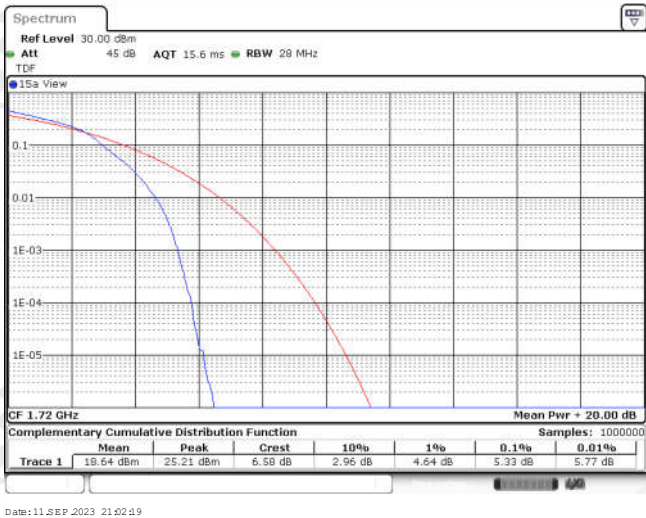
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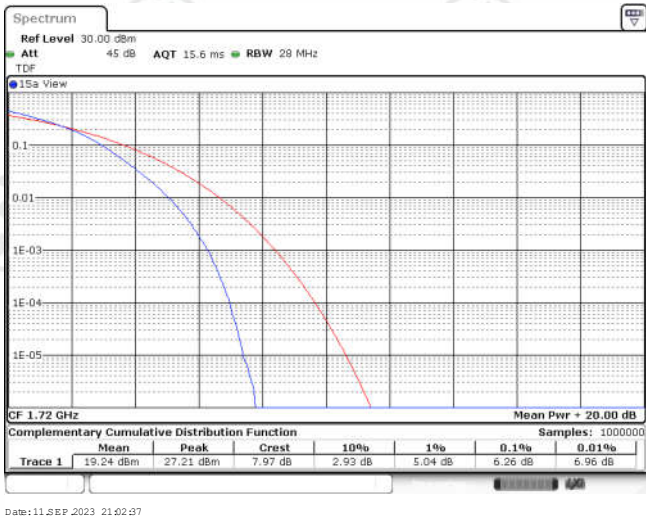
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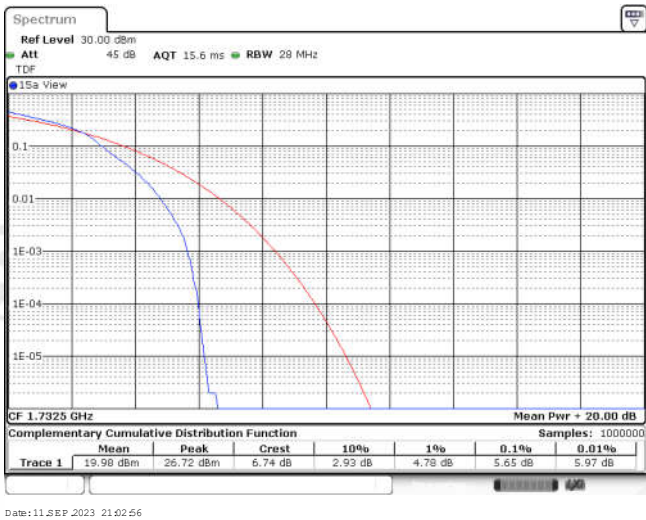
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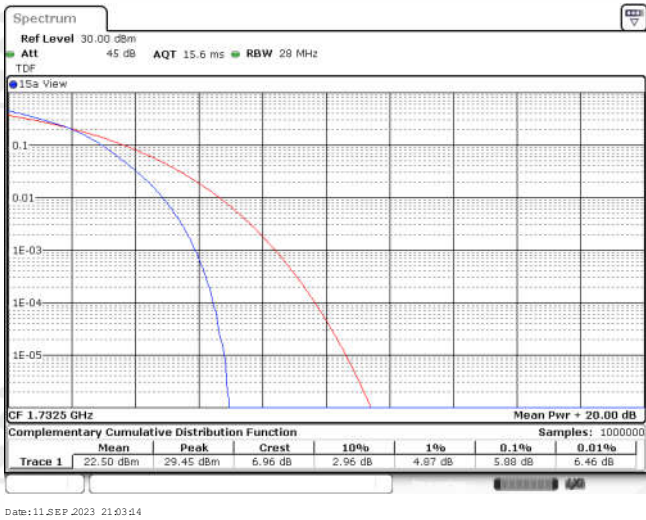
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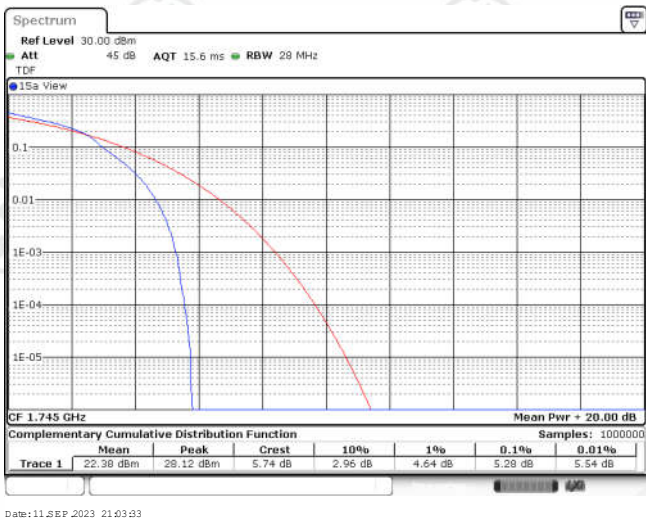
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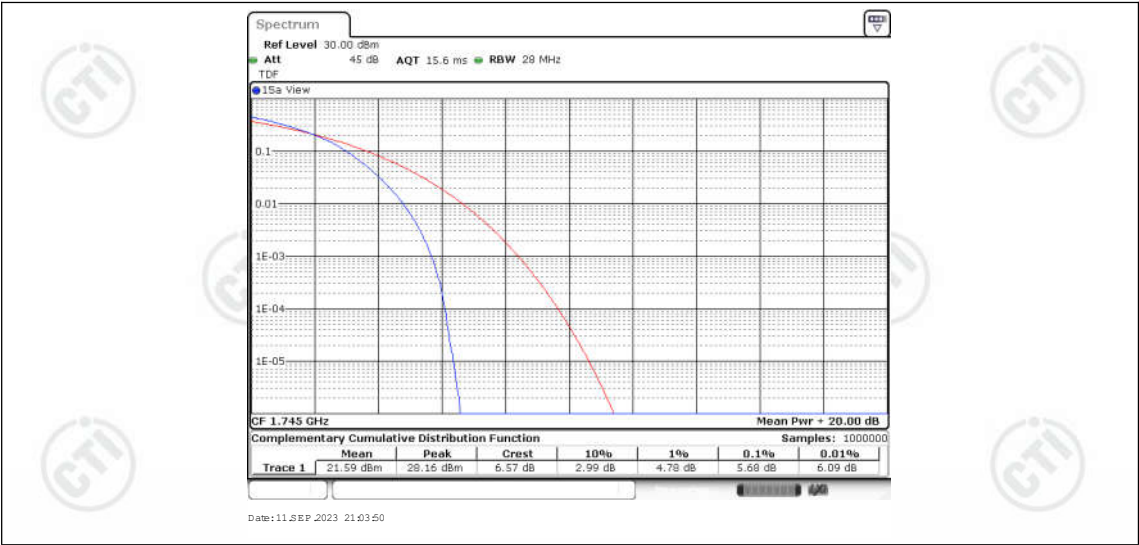
Band4-20MHz-16QAM-20175-100RB#0



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



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



Appendix C: 26dB Bandwidth and Occupied Bandwidth

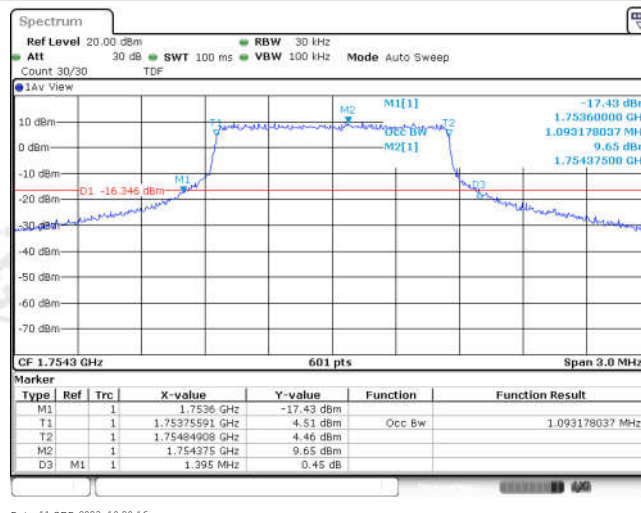
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.093	1.330	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.093	1.335	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.093	1.395	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.093	1.410	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.093	1.320	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.093	1.365	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.696	2.900	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.696	2.920	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.696	2.940	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.696	2.880	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.696	2.910	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.696	2.930	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.515	4.800	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.505	4.800	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.515	4.820	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.515	4.820	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.505	4.820	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.515	4.800	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.985	9.533	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.985	9.533	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.985	9.567	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.985	9.533	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.985	9.600	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.985	9.533	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.478	14.300	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.478	14.300	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.527	14.350	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.478	14.300	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.428	14.300	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.527	14.350	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.037	19.333	PASS

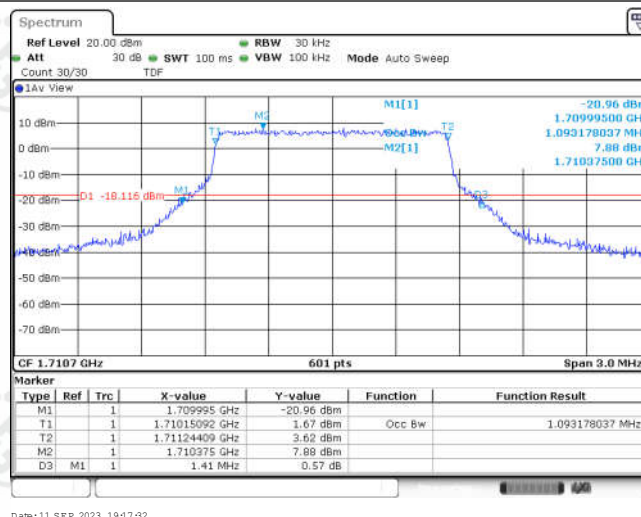
Band4	20MHz	QPSK	20175	100RB#0	17.97	19.333	PASS
Band4	20MHz	QPSK	20300	100RB#0	18.037	19.267	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.037	19.267	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.97	19.333	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.97	19.267	PASS

Test Graphs

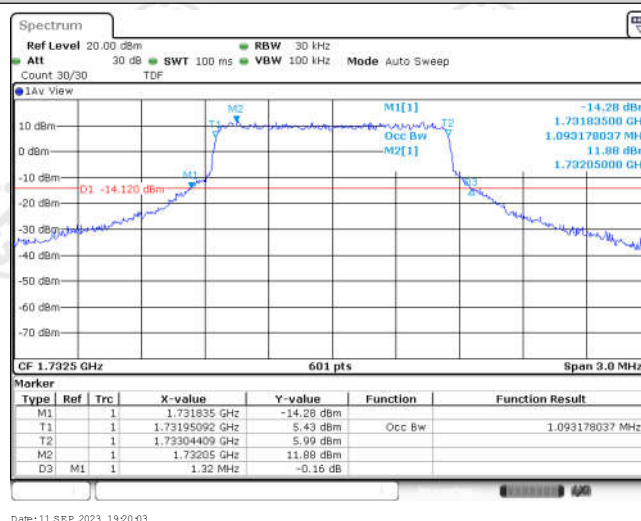




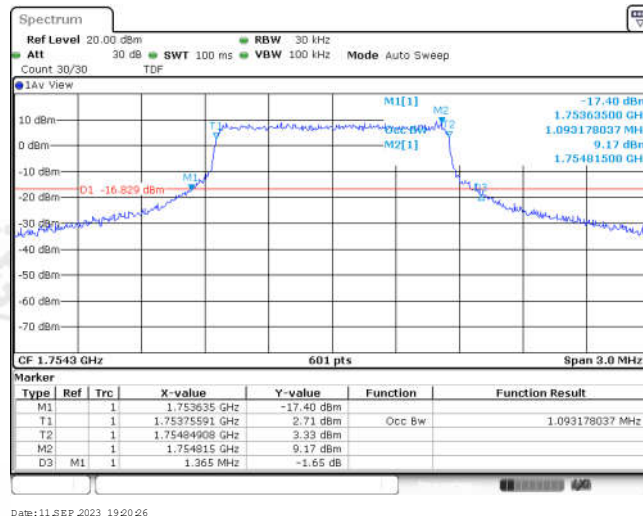
Band4-1.4MHz-16QAM-19957-6RB#0-1.093



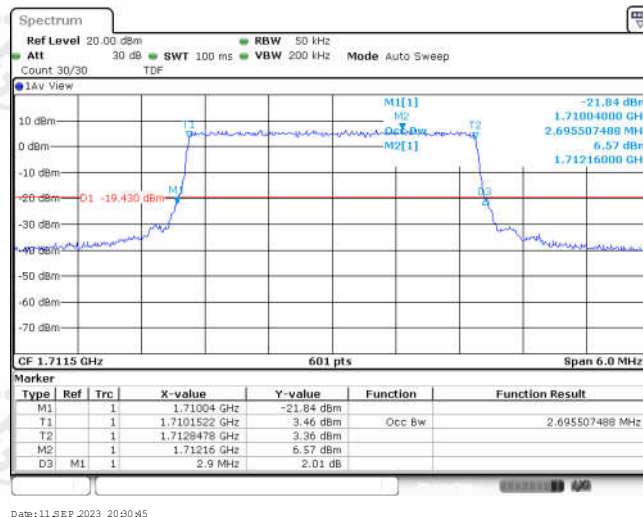
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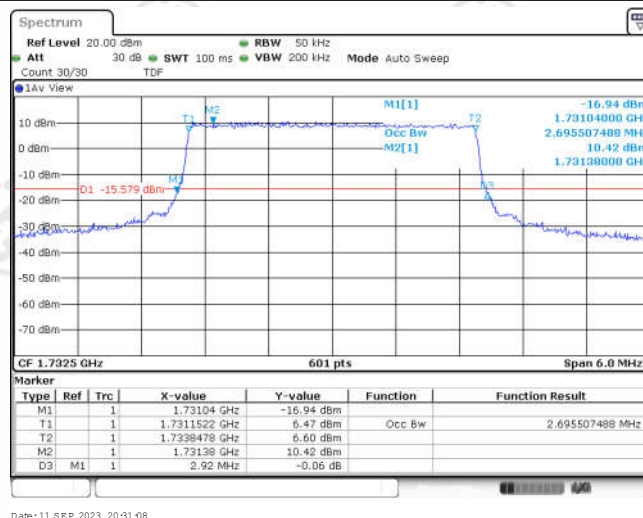
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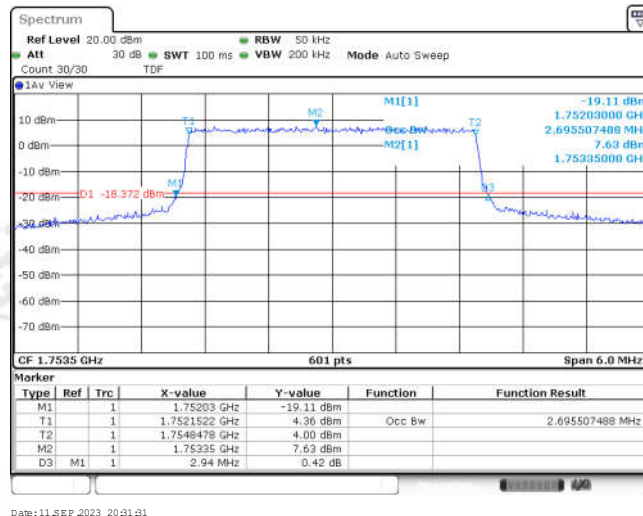
Band4-3MHz-QPSK-19965-15RB#0-2.696



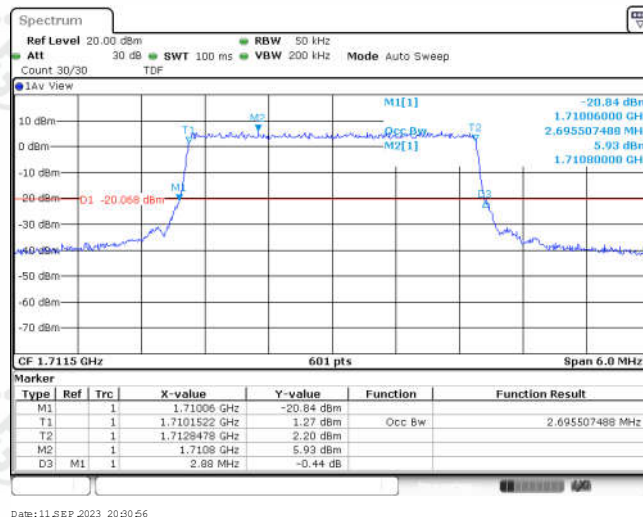
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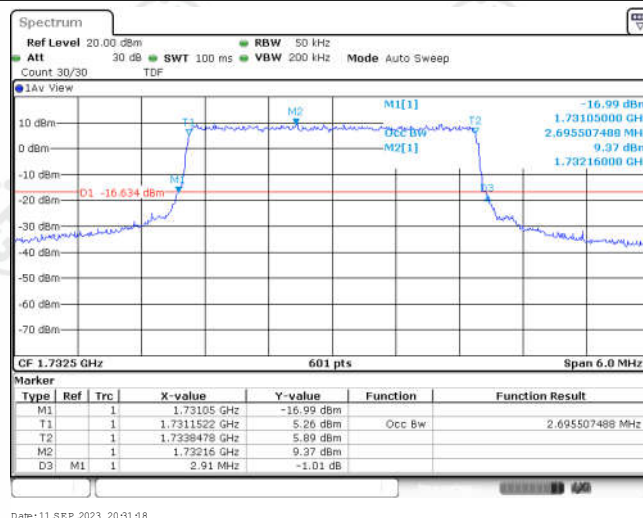
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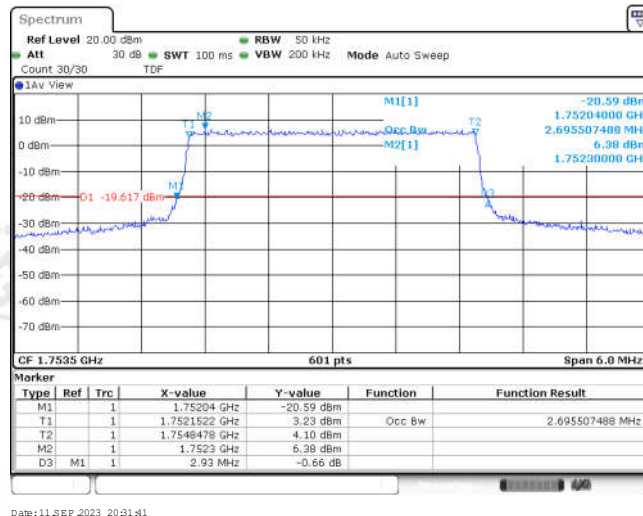
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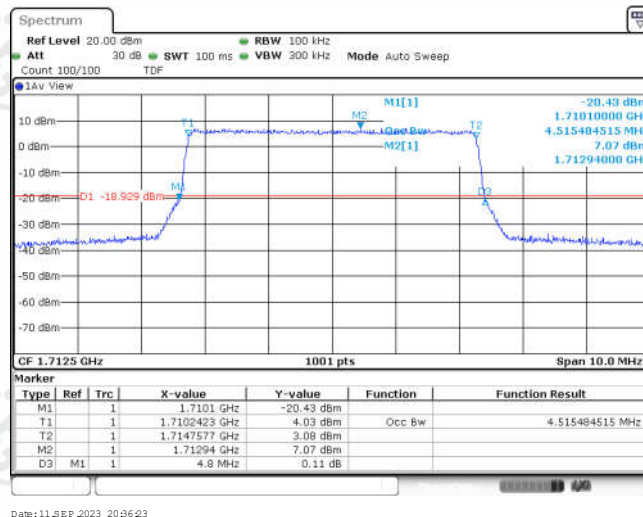
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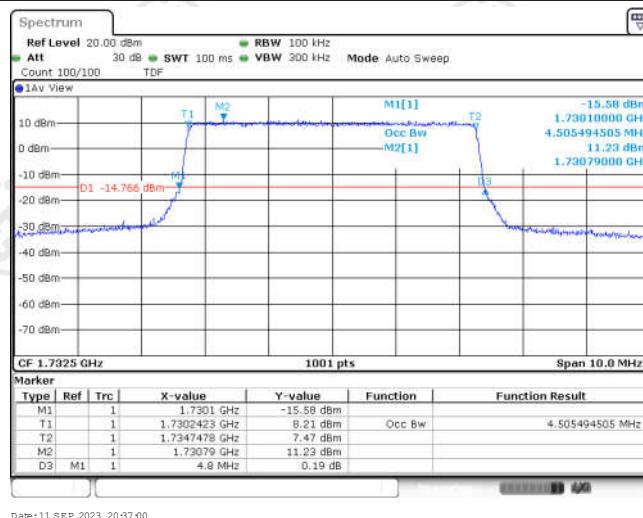
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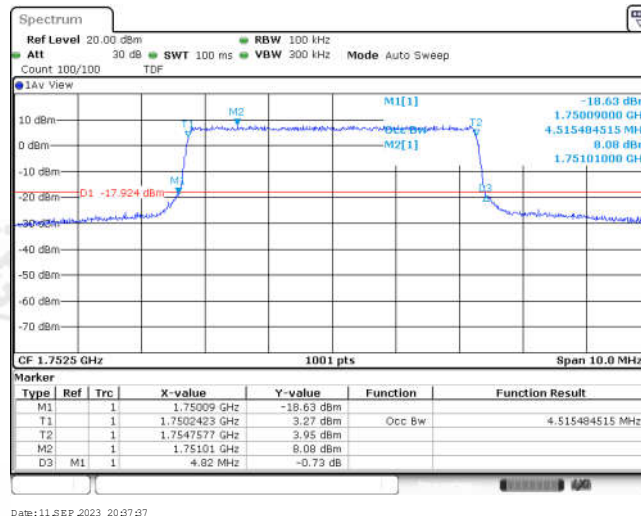
Band4-5MHz-QPSK-19975-25RB#0-4.515



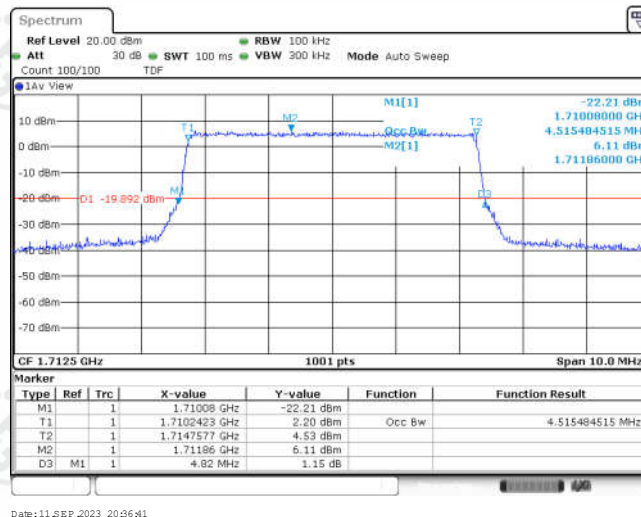
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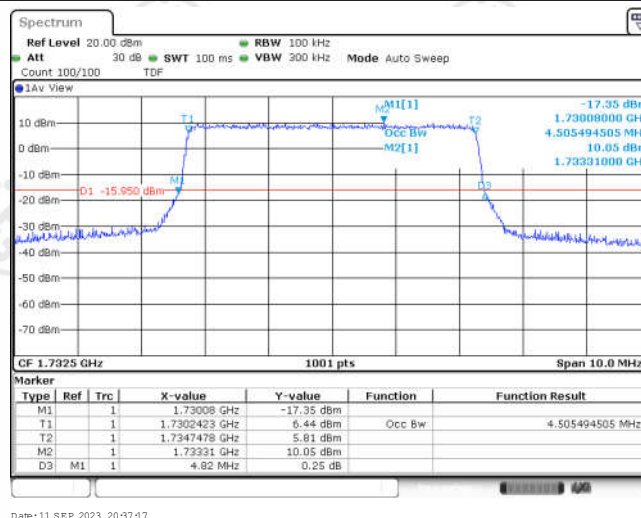
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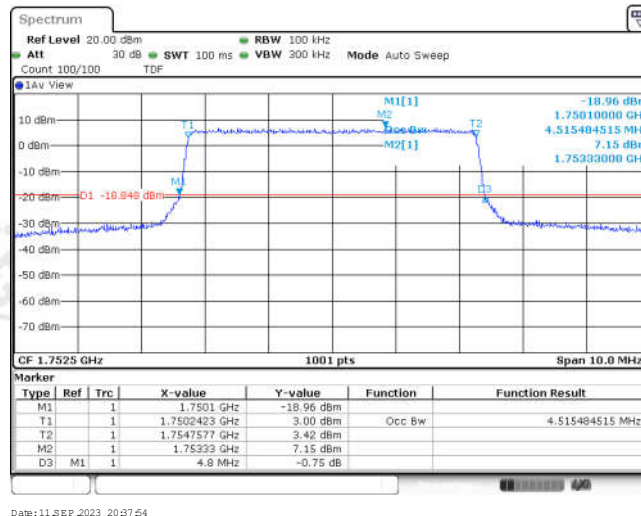
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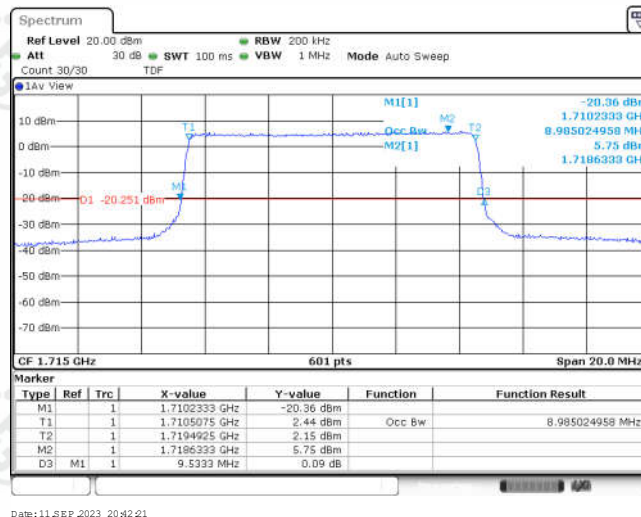
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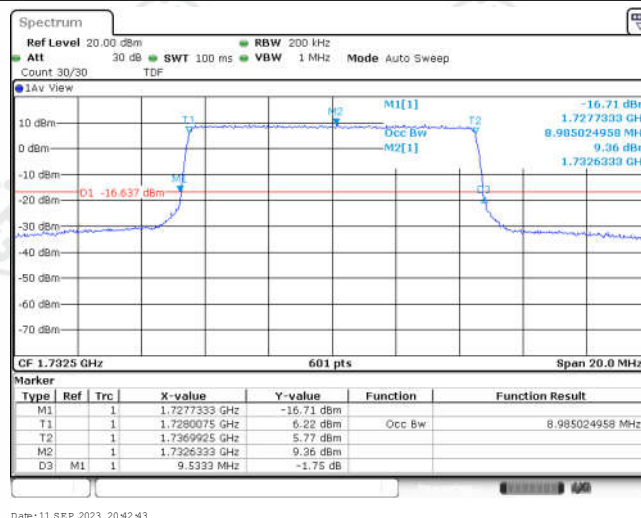
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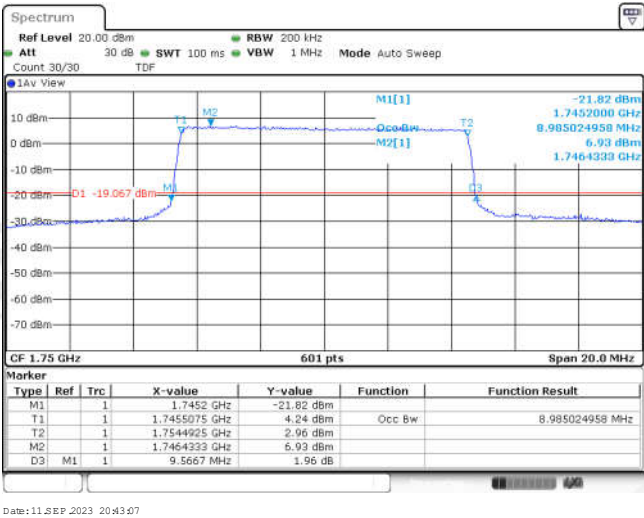
Band4-10MHz-QPSK-20000-50RB#0-8.985



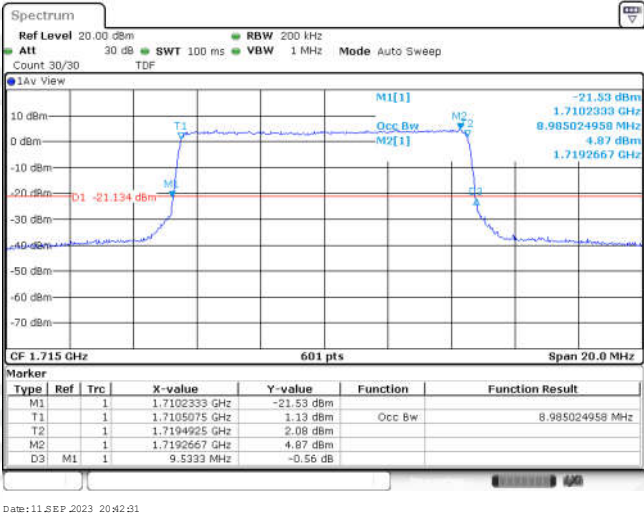
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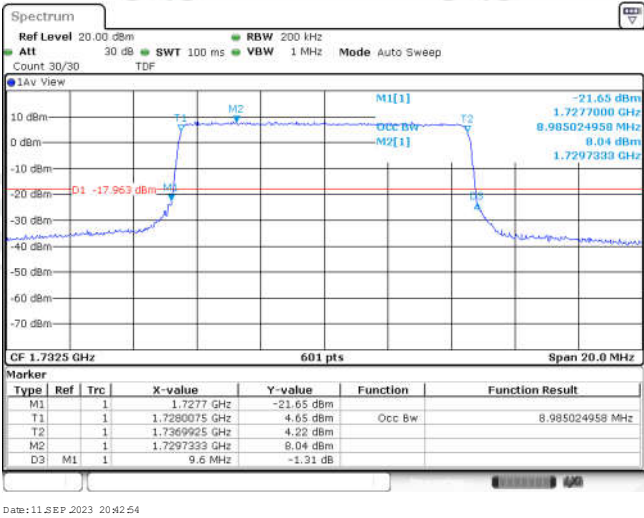
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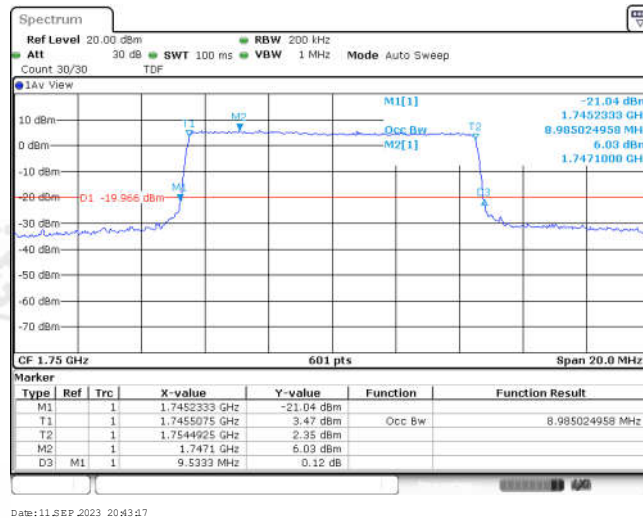
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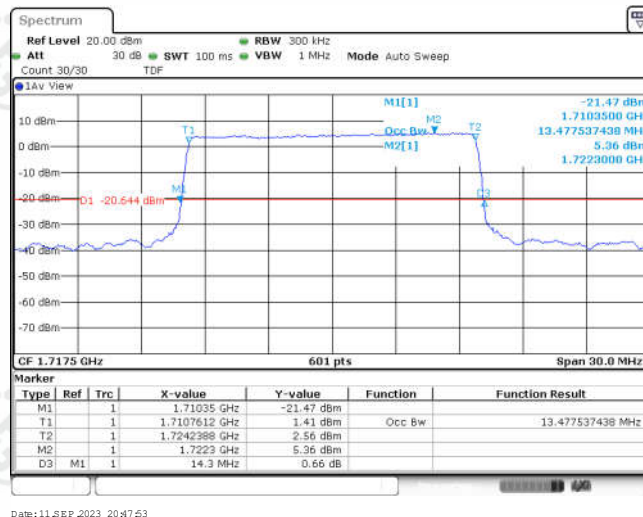
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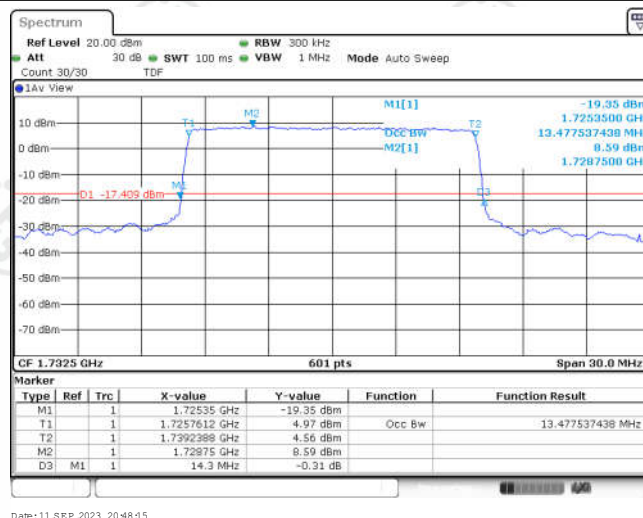
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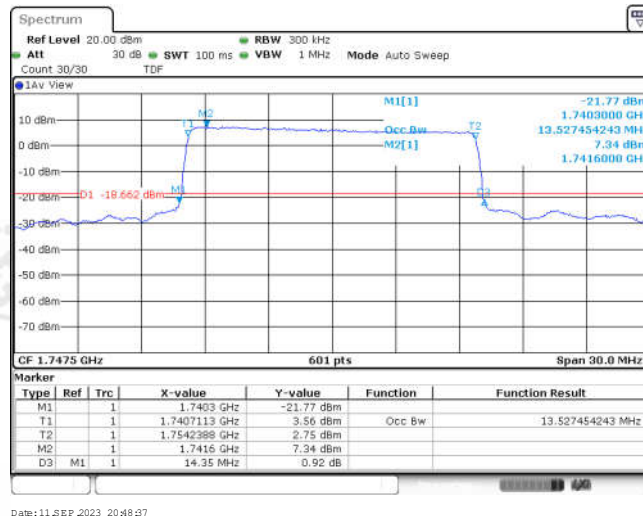
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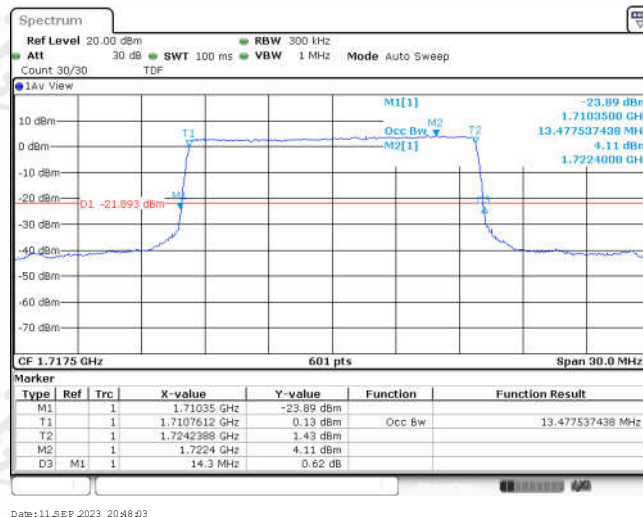
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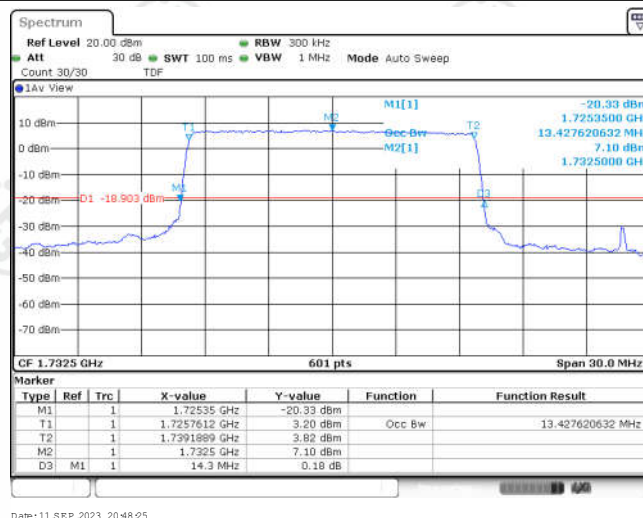
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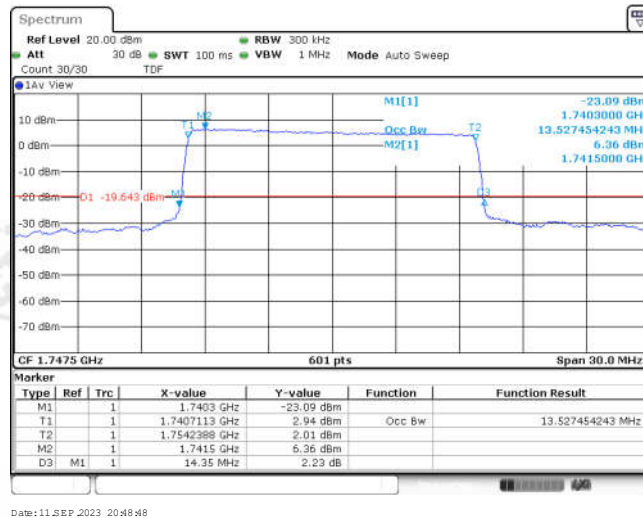
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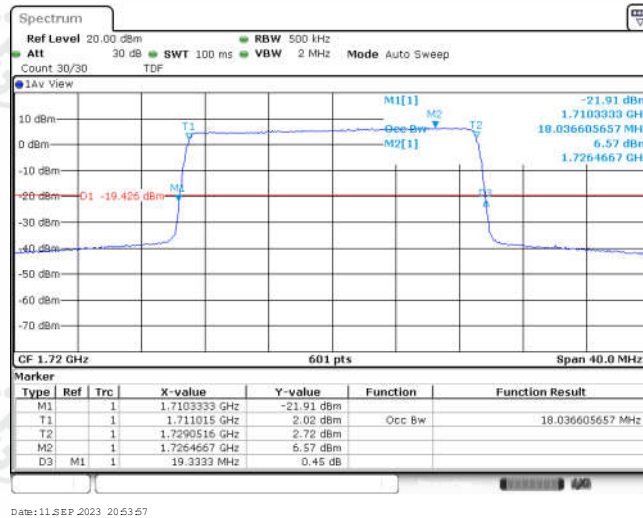
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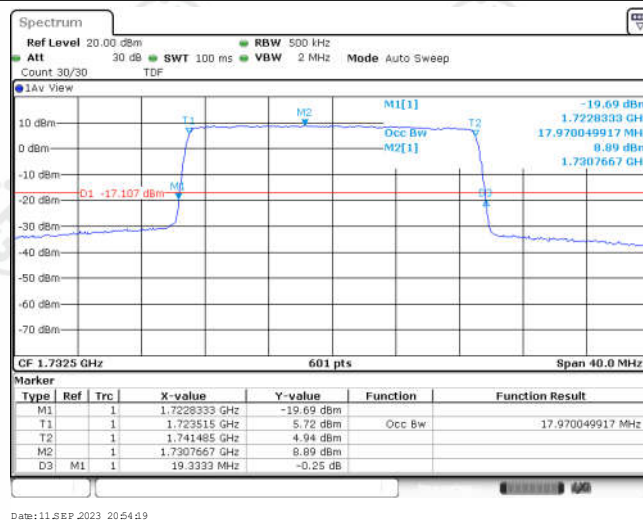
Band4-15MHz-16QAM-20325-75RB#0-13.527



Band4-20MHz-QPSK-20050-100RB#0-18.037



Band4-20MHz-QPSK-20175-100RB#0-17.97



Band4-20MHz-QPSK-20300-100RB#0-18.037