



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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Appendix B.3

LTE Band 4



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Effective (Isotropic) Radiated Power Output Data

Test Result

ANT1

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	23.10	28.10	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	23.08	28.08	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.03	28.03	30.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.11	27.11	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.13	28.13	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.09	28.09	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.20	28.20	30.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.12	27.12	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.90	27.90	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.93	27.93	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.92	27.92	30.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.01	27.01	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.43	27.43	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.38	27.38	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.34	27.34	30.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.18	26.18	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.42	27.42	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.42	27.42	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.48	27.48	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.26	26.26	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.13	27.13	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.32	27.32	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.13	27.13	30.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.14	26.14	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	21.25	26.25	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	21.36	26.36	30.00	PASS



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Band4	1.4MHz	64QAM	19957	1RB#5	21.14	26.14	30.00	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	20.15	25.15	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	21.35	26.35	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	21.26	26.26	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	21.22	26.22	30.00	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	20.12	25.12	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	21.22	26.22	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	21.17	26.17	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	21.07	26.07	30.00	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	20.02	25.02	30.00	PASS
Band4	1.4MHz	256QAM	19957	1RB#0	18.12	23.12	30.00	PASS
Band4	1.4MHz	256QAM	19957	1RB#2	18.09	23.09	30.00	PASS
Band4	1.4MHz	256QAM	19957	1RB#5	18.16	23.16	30.00	PASS
Band4	1.4MHz	256QAM	19957	6RB#0	17.89	22.89	30.00	PASS
Band4	1.4MHz	256QAM	20175	1RB#0	17.92	22.92	30.00	PASS
Band4	1.4MHz	256QAM	20175	1RB#2	18.10	23.10	30.00	PASS
Band4	1.4MHz	256QAM	20175	1RB#5	18.15	23.15	30.00	PASS
Band4	1.4MHz	256QAM	20175	6RB#0	18.03	23.03	30.00	PASS
Band4	1.4MHz	256QAM	20393	1RB#0	18.02	23.02	30.00	PASS
Band4	1.4MHz	256QAM	20393	1RB#2	18.07	23.07	30.00	PASS
Band4	1.4MHz	256QAM	20393	1RB#5	17.96	22.96	30.00	PASS
Band4	1.4MHz	256QAM	20393	6RB#0	17.90	22.90	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.23	28.23	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.12	28.12	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.02	28.02	30.00	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.13	27.13	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.33	28.33	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.20	28.20	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.27	28.27	30.00	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.12	27.12	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.05	28.05	30.00	PASS



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Band4	3MHz	QPSK	20385	1RB#8	23.13	28.13	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.16	28.16	30.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.10	27.10	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.36	27.36	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.70	27.70	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.37	27.37	30.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.23	26.23	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.50	27.50	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.41	27.41	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.69	27.69	30.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.24	26.24	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.30	27.30	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.35	27.35	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.24	27.24	30.00	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.11	26.11	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#0	21.37	26.37	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#8	21.32	26.32	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#14	21.15	26.15	30.00	PASS
Band4	3MHz	64QAM	19965	15RB#0	20.15	25.15	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#0	21.35	26.35	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#8	21.41	26.41	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#14	21.18	26.18	30.00	PASS
Band4	3MHz	64QAM	20175	15RB#0	20.08	25.08	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#0	21.35	26.35	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#8	21.41	26.41	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#14	21.09	26.09	30.00	PASS
Band4	3MHz	64QAM	20385	15RB#0	20.16	25.16	30.00	PASS
Band4	3MHz	256QAM	19965	1RB#0	18.04	23.04	30.00	PASS
Band4	3MHz	256QAM	19965	1RB#8	18.19	23.19	30.00	PASS
Band4	3MHz	256QAM	19965	1RB#14	18.00	23.00	30.00	PASS
Band4	3MHz	256QAM	19965	15RB#0	18.08	23.08	30.00	PASS



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Band4	3MHz	256QAM	20175	1RB#0	18.09	23.09	30.00	PASS
Band4	3MHz	256QAM	20175	1RB#8	18.00	23.00	30.00	PASS
Band4	3MHz	256QAM	20175	1RB#14	17.94	22.94	30.00	PASS
Band4	3MHz	256QAM	20175	15RB#0	17.93	22.93	30.00	PASS
Band4	3MHz	256QAM	20385	1RB#0	18.18	23.18	30.00	PASS
Band4	3MHz	256QAM	20385	1RB#8	18.13	23.13	30.00	PASS
Band4	3MHz	256QAM	20385	1RB#14	17.87	22.87	30.00	PASS
Band4	3MHz	256QAM	20385	15RB#0	17.89	22.89	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.13	28.13	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.19	28.19	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.28	28.28	30.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.16	27.16	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.08	28.08	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.23	28.23	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.14	28.14	30.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.17	27.17	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.08	28.08	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.23	28.23	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.07	28.07	30.00	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.15	27.15	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.40	27.40	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.39	27.39	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.35	27.35	30.00	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.21	26.21	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.52	27.52	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.47	27.47	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.32	27.32	30.00	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.19	26.19	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.47	27.47	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.29	27.29	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.29	27.29	30.00	PASS



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Band4	5MHz	64QAM	19975	1RB#0	21.12	26.12	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#12	21.53	26.53	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#24	21.12	26.12	30.00	PASS
Band4	5MHz	64QAM	19975	25RB#0	20.04	25.04	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#0	21.17	26.17	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#12	21.40	26.40	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#24	21.14	26.14	30.00	PASS
Band4	5MHz	64QAM	20175	25RB#0	20.07	25.07	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#0	21.10	26.10	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#12	21.21	26.21	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#24	21.21	26.21	30.00	PASS
Band4	5MHz	64QAM	20375	25RB#0	20.04	25.04	30.00	PASS
Band4	5MHz	256QAM	19975	1RB#0	18.05	23.05	30.00	PASS
Band4	5MHz	256QAM	19975	1RB#12	18.17	23.17	30.00	PASS
Band4	5MHz	256QAM	19975	1RB#24	18.01	23.01	30.00	PASS
Band4	5MHz	256QAM	19975	25RB#0	17.97	22.97	30.00	PASS
Band4	5MHz	256QAM	20175	1RB#0	18.07	23.07	30.00	PASS
Band4	5MHz	256QAM	20175	1RB#12	18.11	23.11	30.00	PASS
Band4	5MHz	256QAM	20175	1RB#24	17.92	22.92	30.00	PASS
Band4	5MHz	256QAM	20175	25RB#0	18.00	23.00	30.00	PASS
Band4	5MHz	256QAM	20375	1RB#0	18.16	23.16	30.00	PASS
Band4	5MHz	256QAM	20375	1RB#12	18.15	23.15	30.00	PASS
Band4	5MHz	256QAM	20375	1RB#24	17.86	22.86	30.00	PASS
Band4	5MHz	256QAM	20375	25RB#0	17.92	22.92	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	23.12	28.12	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.22	28.22	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.39	28.39	30.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.19	27.19	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.05	28.05	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.19	28.19	30.00	PASS



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Band4	10MHz	QPSK	20175	50RB#0	22.13	27.13	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.02	28.02	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.10	28.10	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.06	28.06	30.00	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.11	27.11	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.29	27.29	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.51	27.51	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.35	27.35	30.00	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.18	26.18	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.45	27.45	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.51	27.51	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.27	27.27	30.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.13	26.13	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.45	27.45	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.33	27.33	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.05	27.05	30.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.19	26.19	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#0	21.21	26.21	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#24	21.24	26.24	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#49	21.17	26.17	30.00	PASS
Band4	10MHz	64QAM	20000	50RB#0	20.19	25.19	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#0	21.06	26.06	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#24	21.31	26.31	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#49	21.17	26.17	30.00	PASS
Band4	10MHz	64QAM	20175	50RB#0	20.10	25.10	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#0	21.26	26.26	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#24	21.18	26.18	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#49	21.10	26.10	30.00	PASS
Band4	10MHz	64QAM	20350	50RB#0	20.08	25.08	30.00	PASS
Band4	10MHz	256QAM	20000	1RB#0	18.00	23.00	30.00	PASS



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Band4	10MHz	256QAM	20000	1RB#24	18.10	23.10	30.00	PASS
Band4	10MHz	256QAM	20000	1RB#49	17.97	22.97	30.00	PASS
Band4	10MHz	256QAM	20000	50RB#0	17.91	22.91	30.00	PASS
Band4	10MHz	256QAM	20175	1RB#0	18.17	23.17	30.00	PASS
Band4	10MHz	256QAM	20175	1RB#24	18.33	23.33	30.00	PASS
Band4	10MHz	256QAM	20175	1RB#49	17.74	22.74	30.00	PASS
Band4	10MHz	256QAM	20175	50RB#0	17.97	22.97	30.00	PASS
Band4	10MHz	256QAM	20350	1RB#0	18.06	23.06	30.00	PASS
Band4	10MHz	256QAM	20350	1RB#24	18.10	23.10	30.00	PASS
Band4	10MHz	256QAM	20350	1RB#49	17.83	22.83	30.00	PASS
Band4	10MHz	256QAM	20350	50RB#0	17.92	22.92	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	23.06	28.06	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.17	28.17	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.08	28.08	30.00	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.10	27.10	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.14	28.14	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.12	28.12	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.06	28.06	30.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.12	27.12	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.15	28.15	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.12	28.12	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.98	27.98	30.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.14	27.14	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.32	27.32	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.42	27.42	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.30	27.30	30.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.14	26.14	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.36	27.36	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.45	27.45	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.40	27.40	30.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.13	26.13	30.00	PASS



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Band4	15MHz	16QAM	20325	1RB#0	22.45	27.45	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.38	27.38	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.23	27.23	30.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.11	26.11	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#0	21.16	26.16	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#38	21.17	26.17	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#74	21.29	26.29	30.00	PASS
Band4	15MHz	64QAM	20025	75RB#0	20.11	25.11	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#0	21.21	26.21	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#38	21.36	26.36	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#74	21.22	26.22	30.00	PASS
Band4	15MHz	64QAM	20175	75RB#0	20.03	25.03	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#0	21.29	26.29	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#38	21.12	26.12	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#74	21.05	26.05	30.00	PASS
Band4	15MHz	64QAM	20325	75RB#0	20.01	25.01	30.00	PASS
Band4	15MHz	256QAM	20025	1RB#0	18.16	23.16	30.00	PASS
Band4	15MHz	256QAM	20025	1RB#38	18.10	23.10	30.00	PASS
Band4	15MHz	256QAM	20025	1RB#74	18.23	23.23	30.00	PASS
Band4	15MHz	256QAM	20025	75RB#0	18.02	23.02	30.00	PASS
Band4	15MHz	256QAM	20175	1RB#0	18.10	23.10	30.00	PASS
Band4	15MHz	256QAM	20175	1RB#38	18.12	23.12	30.00	PASS
Band4	15MHz	256QAM	20175	1RB#74	17.83	22.83	30.00	PASS
Band4	15MHz	256QAM	20175	75RB#0	17.92	22.92	30.00	PASS
Band4	15MHz	256QAM	20325	1RB#0	17.91	22.91	30.00	PASS
Band4	15MHz	256QAM	20325	1RB#38	17.84	22.84	30.00	PASS
Band4	15MHz	256QAM	20325	1RB#74	17.74	22.74	30.00	PASS
Band4	15MHz	256QAM	20325	75RB#0	17.92	22.92	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.01	28.01	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.19	28.19	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.12	28.12	30.00	PASS



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Band4	20MHz	QPSK	20050	100RB#0	22.18	27.18	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.02	28.02	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.18	28.18	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.01	28.01	30.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.15	27.15	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.02	28.02	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.03	28.03	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.01	28.01	30.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.15	27.15	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.34	27.34	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.59	27.59	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.42	27.42	30.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.23	26.23	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.48	27.48	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.46	27.46	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.37	27.37	30.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.13	26.13	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.31	27.31	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.39	27.39	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.16	27.16	30.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.13	26.13	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#0	21.35	26.35	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#49	21.35	26.35	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#99	21.37	26.37	30.00	PASS
Band4	20MHz	64QAM	20050	100RB#0	20.15	25.15	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#0	21.30	26.30	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#49	21.16	26.16	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#99	21.30	26.30	30.00	PASS
Band4	20MHz	64QAM	20175	100RB#0	20.02	25.02	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#0	21.19	26.19	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#49	21.09	26.09	30.00	PASS



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Band4	20MHz	64QAM	20300	1RB#99	21.11	26.11	30.00	PASS
Band4	20MHz	64QAM	20300	100RB#0	20.12	25.12	30.00	PASS
Band4	20MHz	256QAM	20050	1RB#0	18.04	23.04	30.00	PASS
Band4	20MHz	256QAM	20050	1RB#49	18.03	23.03	30.00	PASS
Band4	20MHz	256QAM	20050	1RB#99	18.03	23.03	30.00	PASS
Band4	20MHz	256QAM	20050	100RB#0	17.96	22.96	30.00	PASS
Band4	20MHz	256QAM	20175	1RB#0	17.98	22.98	30.00	PASS
Band4	20MHz	256QAM	20175	1RB#49	18.20	23.20	30.00	PASS
Band4	20MHz	256QAM	20175	1RB#99	17.92	22.92	30.00	PASS
Band4	20MHz	256QAM	20175	100RB#0	17.94	22.94	30.00	PASS
Band4	20MHz	256QAM	20300	1RB#0	17.90	22.90	30.00	PASS
Band4	20MHz	256QAM	20300	1RB#49	18.10	23.10	30.00	PASS
Band4	20MHz	256QAM	20300	1RB#99	17.91	22.91	30.00	PASS
Band4	20MHz	256QAM	20300	100RB#0	17.95	22.95	30.00	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	4.75	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	4.75	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.84	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.86	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.88	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.94	13	PASS
Band4	20MHz	64QAM	20050	100RB#0	6.55	13	PASS
Band4	20MHz	64QAM	20175	100RB#0	6.58	13	PASS
Band4	20MHz	64QAM	20300	100RB#0	6.58	13	PASS
Band4	20MHz	256QAM	20050	100RB#0	6.84	13	PASS
Band4	20MHz	256QAM	20175	100RB#0	6.87	13	PASS
Band4	20MHz	256QAM	20300	100RB#0	6.84	13	PASS



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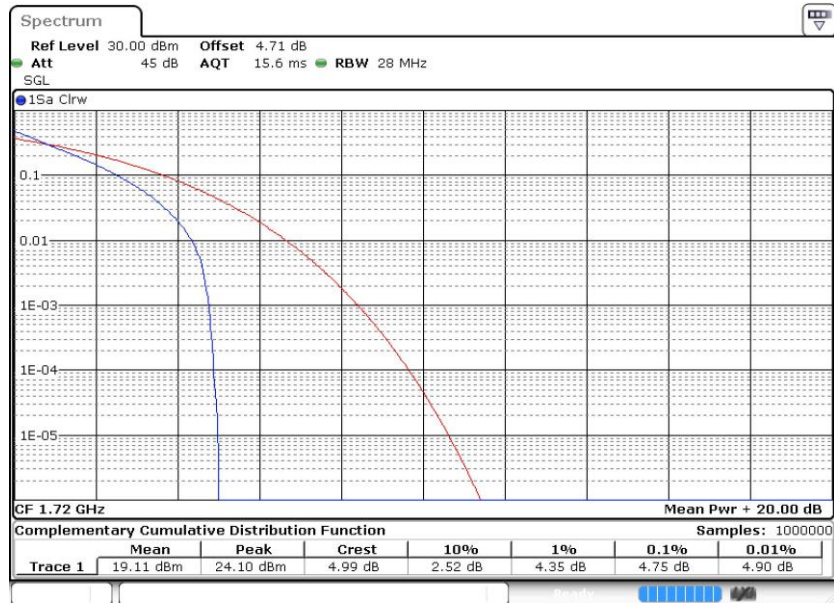


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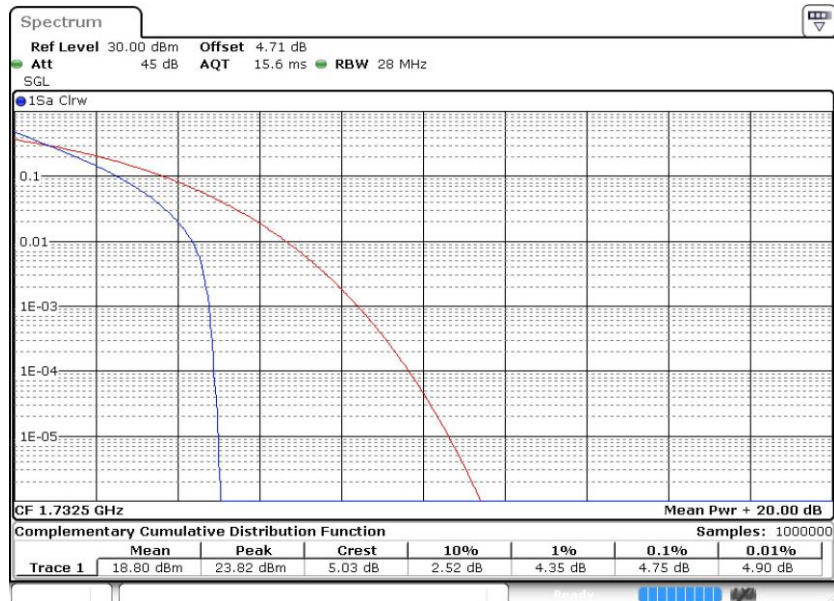
Test Graphs

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



Date: 18.DEC.2023 23:03:48

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



Date: 19.DEC.2023 09:30:33



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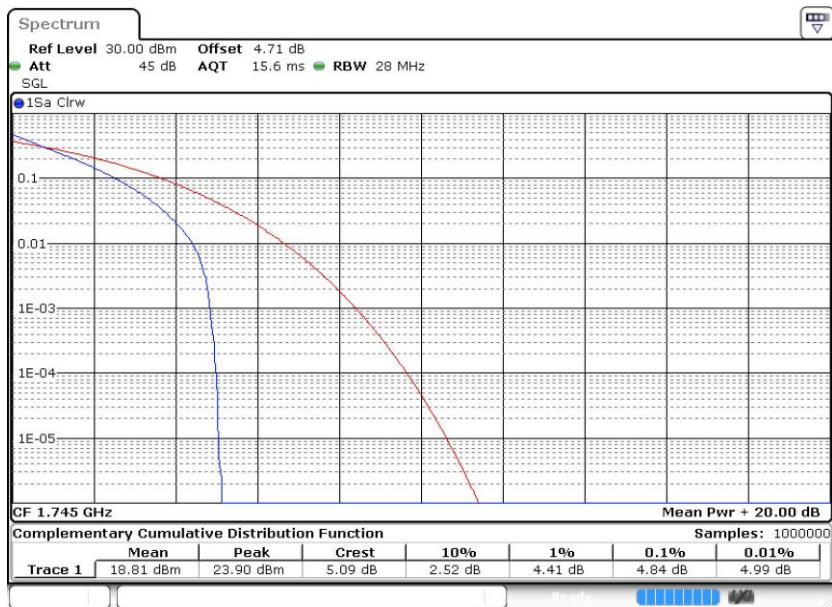
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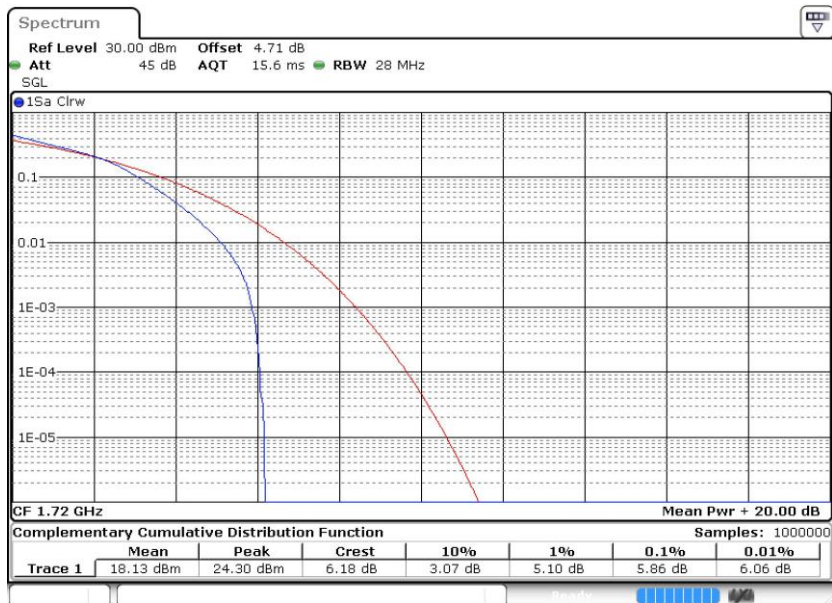
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Band4-20MHz-QPSK-20300-100RB#0



Date: 19.DEC.2023 09:30:50

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



Date: 18.DEC.2023 23:04:05



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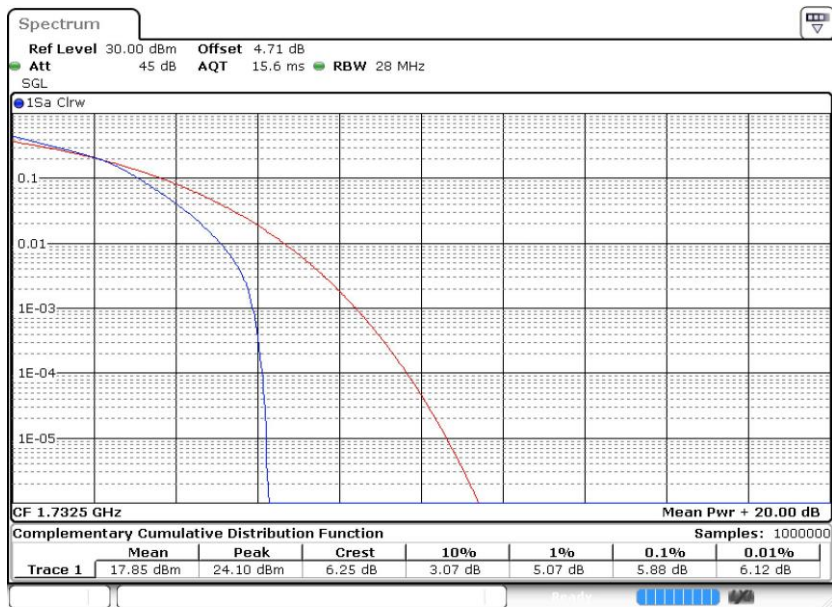
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Report No.: ZEWA2312000155RG01

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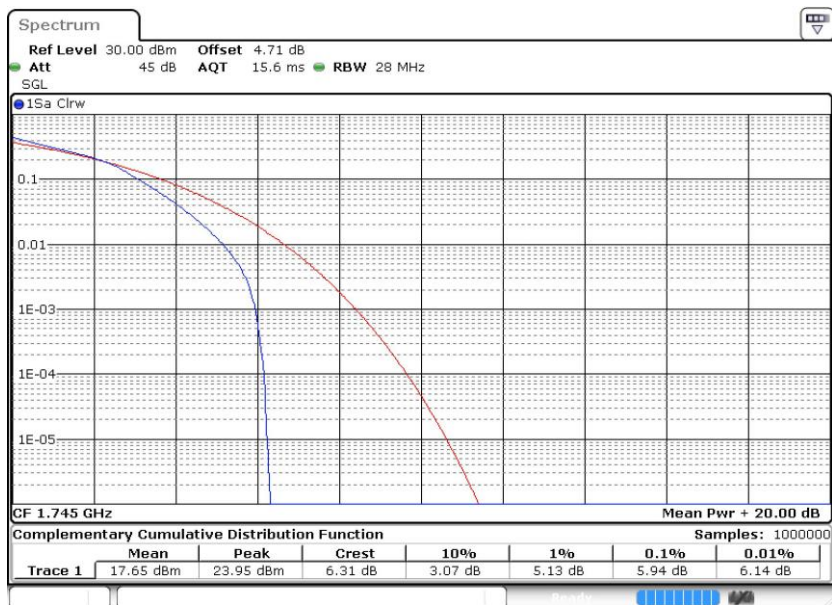
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Band4-20MHz-16QAM-20175-100RB#0



Date: 18 DEC 2023 23:04:43

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



Date: 18 DEC 2023 23:05:19



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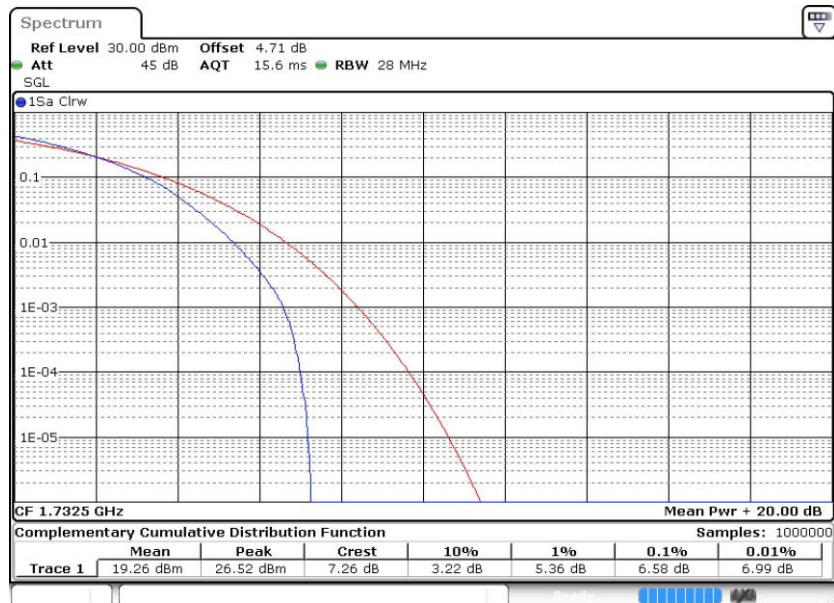
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Band4-20MHz-64QAM-20050-100RB#0



Date: 19.DEC.2023 15:00:05

Band4-20MHz-64QAM-20175-100RB#0



Date: 19.DEC.2023 15:00:22



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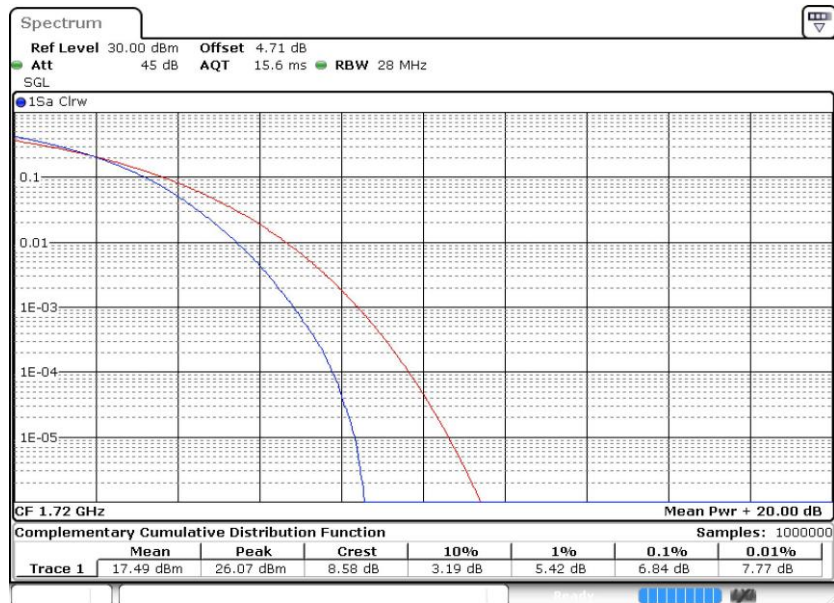
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Band4-20MHz-64QAM-20300-100RB#0



Date: 19.DEC.2023 15:00:39

Band4-20MHz-256QAM-20050-100RB#0



Date: 28.DEC.2023 16:38:37



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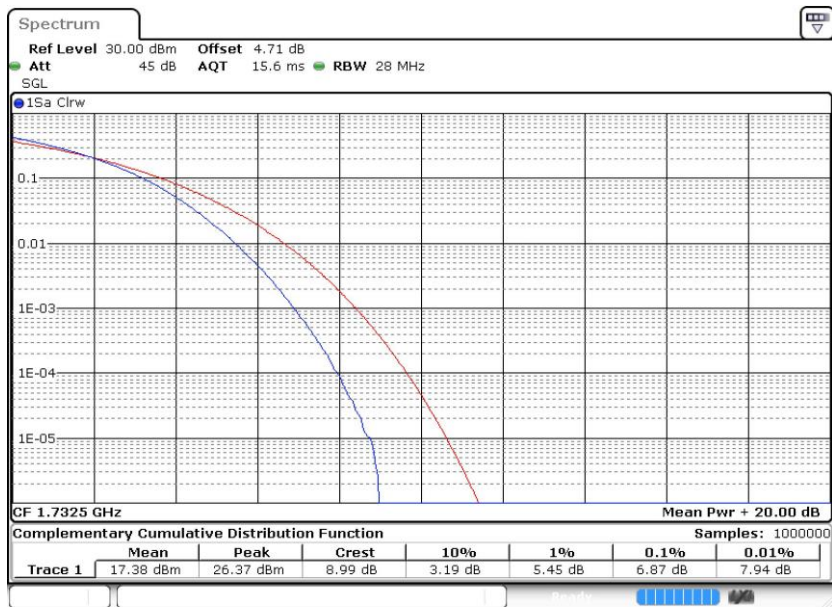
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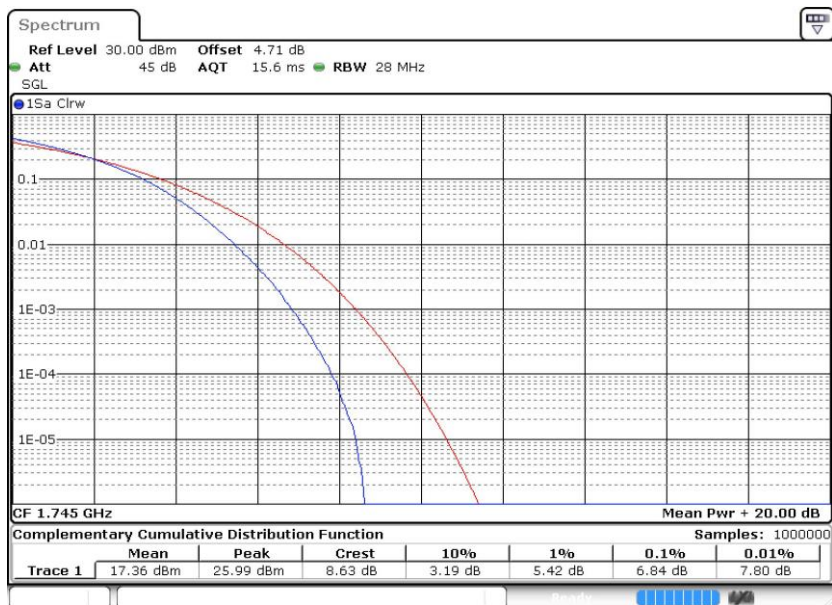
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Date: 28 DEC 2023 16:39:14

Band4-20MHz-256QAM-20300-100RB#0



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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	1.1	1.37	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.097	1.37	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.103	1.38	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.106	1.38	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.103	1.37	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.103	1.37	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	1.1	1.35	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	1.106	1.36	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	1.1	1.37	PASS
Band4	1.4MHz	256QAM	19957	6RB#0	1.1	1.37	PASS
Band4	1.4MHz	256QAM	20175	6RB#0	1.1	1.36	PASS
Band4	1.4MHz	256QAM	20393	6RB#0	1.103	1.37	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.697	3.06	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.697	3.03	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.691	3.04	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.697	3.07	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.697	3.04	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.697	3.05	PASS
Band4	3MHz	64QAM	19965	15RB#0	2.703	3.06	PASS
Band4	3MHz	64QAM	20175	15RB#0	2.697	3.01	PASS
Band4	3MHz	64QAM	20385	15RB#0	2.703	3.03	PASS
Band4	3MHz	256QAM	19965	15RB#0	2.697	3.06	PASS
Band4	3MHz	256QAM	20175	15RB#0	2.703	3.04	PASS
Band4	3MHz	256QAM	20385	15RB#0	2.697	3.06	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.476	5.03	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.476	5.02	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.476	5.05	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.476	5.06	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.476	5.02	PASS



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Band4	5MHz	16QAM	20375	25RB#0	4.476	4.98	PASS
Band4	5MHz	64QAM	19975	25RB#0	4.476	5.03	PASS
Band4	5MHz	64QAM	20175	25RB#0	4.476	5.03	PASS
Band4	5MHz	64QAM	20375	25RB#0	4.476	4.98	PASS
Band4	5MHz	256QAM	19975	25RB#0	4.476	5.01	PASS
Band4	5MHz	256QAM	20175	25RB#0	4.476	5.02	PASS
Band4	5MHz	256QAM	20375	25RB#0	4.466	5.03	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.951	9.92	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.951	9.84	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.951	9.88	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.951	9.90	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.951	9.90	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.951	9.86	PASS
Band4	10MHz	64QAM	20000	50RB#0	8.951	9.84	PASS
Band4	10MHz	64QAM	20175	50RB#0	8.951	9.82	PASS
Band4	10MHz	64QAM	20350	50RB#0	8.951	9.84	PASS
Band4	10MHz	256QAM	20000	50RB#0	8.931	9.80	PASS
Band4	10MHz	256QAM	20175	50RB#0	8.931	9.88	PASS
Band4	10MHz	256QAM	20350	50RB#0	8.951	9.74	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.487	14.97	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.487	15.09	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.487	15.12	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.516	15.09	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.427	15.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.516	15.18	PASS
Band4	15MHz	64QAM	20025	75RB#0	13.516	14.94	PASS
Band4	15MHz	64QAM	20175	75RB#0	13.487	15.03	PASS
Band4	15MHz	64QAM	20325	75RB#0	13.516	15.21	PASS
Band4	15MHz	256QAM	20025	75RB#0	13.457	15.03	PASS
Band4	15MHz	256QAM	20175	75RB#0	13.487	15.06	PASS
Band4	15MHz	256QAM	20325	75RB#0	13.487	15.03	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.902	19.60	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.902	19.80	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.902	19.92	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.942	19.72	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.902	19.72	PASS



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Band4	20MHz	16QAM	20300	100RB#0	17.942	19.72	PASS
Band4	20MHz	64QAM	20050	100RB#0	17.902	19.68	PASS
Band4	20MHz	64QAM	20175	100RB#0	17.902	19.72	PASS
Band4	20MHz	64QAM	20300	100RB#0	17.942	19.56	PASS
Band4	20MHz	256QAM	20050	100RB#0	17.942	19.52	PASS
Band4	20MHz	256QAM	20175	100RB#0	17.902	19.76	PASS
Band4	20MHz	256QAM	20300	100RB#0	17.942	19.72	PASS



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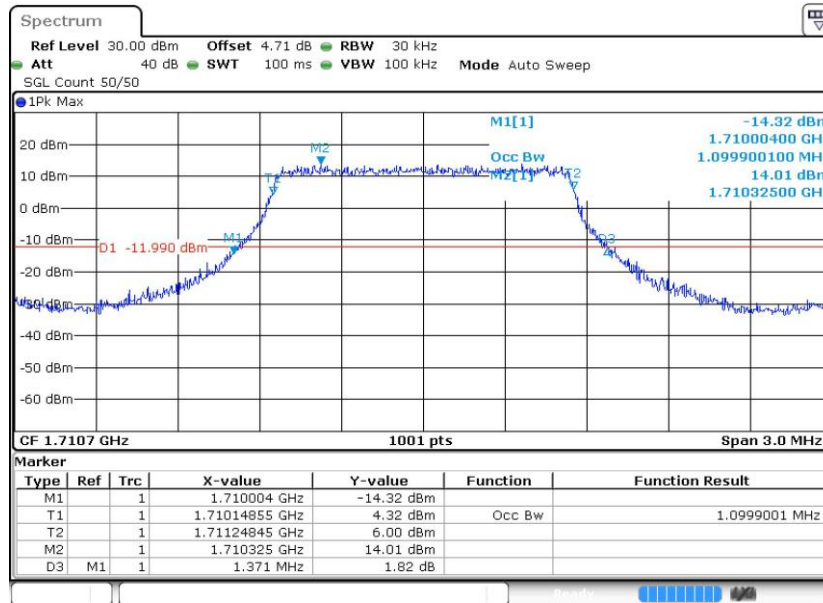


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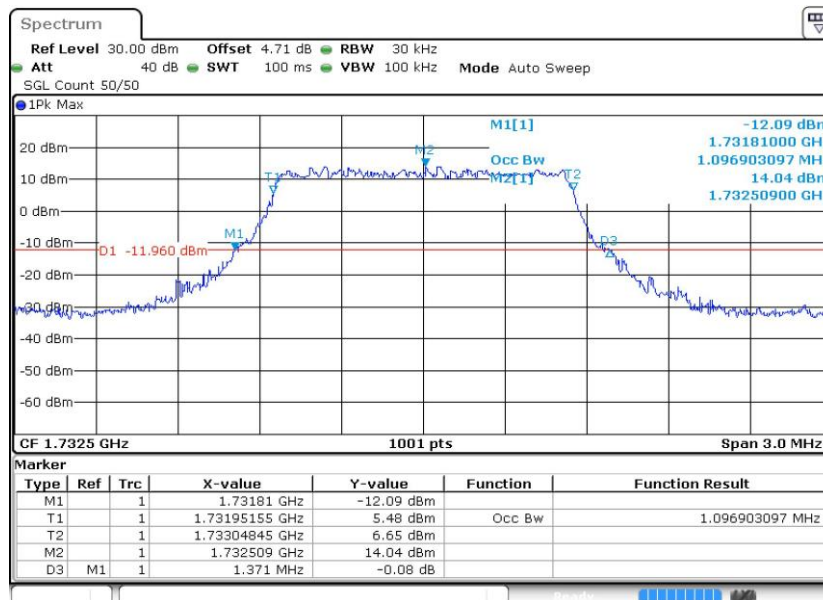
Test Graphs

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



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



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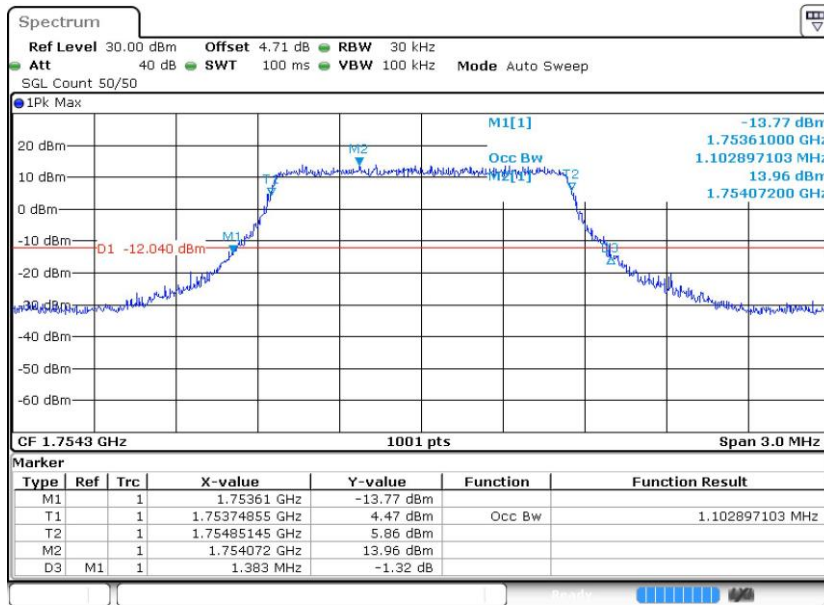
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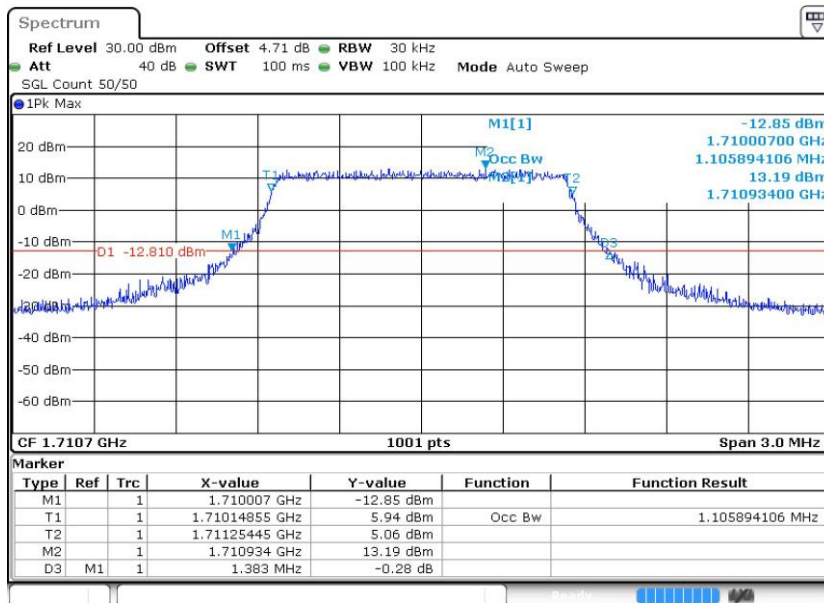
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Band4-1.4MHz-QPSK-20393-6RB#0



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



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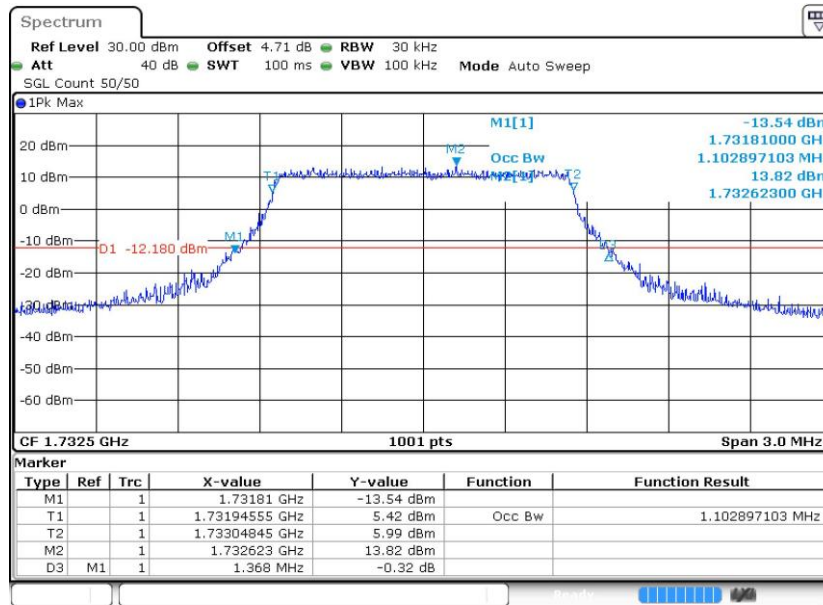
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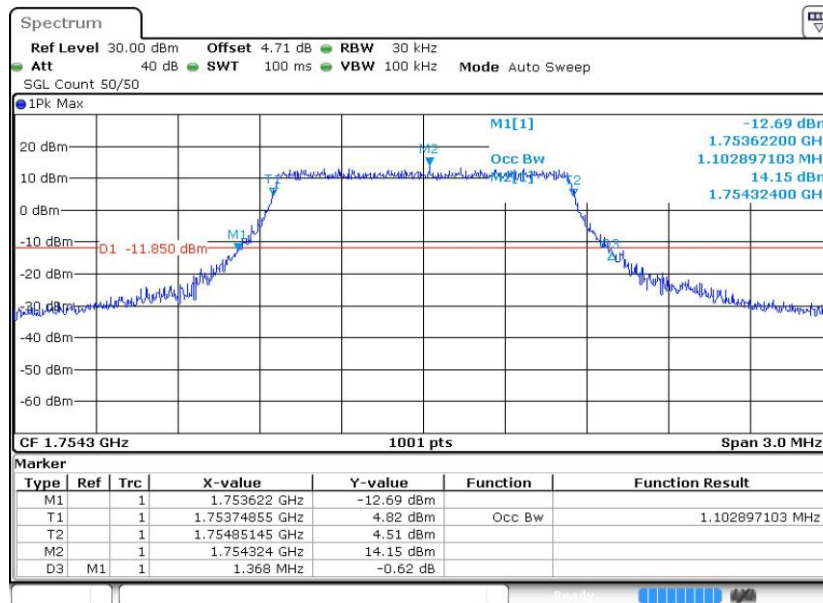
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Band4-1.4MHz-16QAM-20393-6RB#0



Date: 19.DEC.2023 09:30:01



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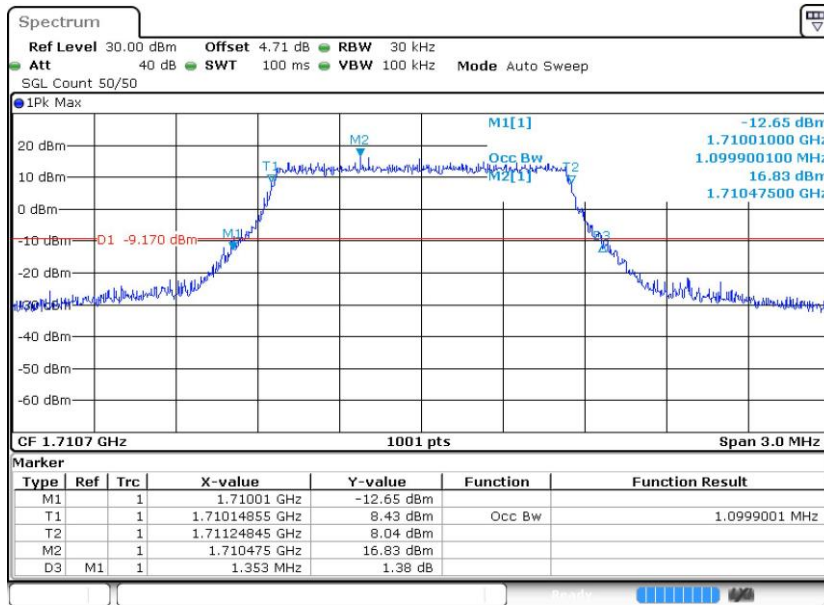
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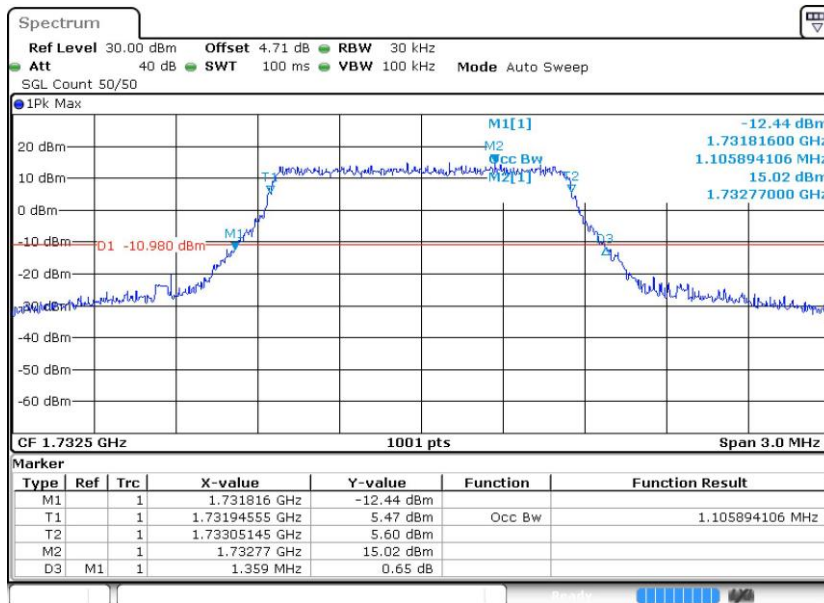
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Band4-1.4MHz-64QAM-19957-6RB#0



Date: 19.DEC.2023 14:53:04

Band4-1.4MHz-64QAM-20175-6RB#0



Date: 19.DEC.2023 14:53:22



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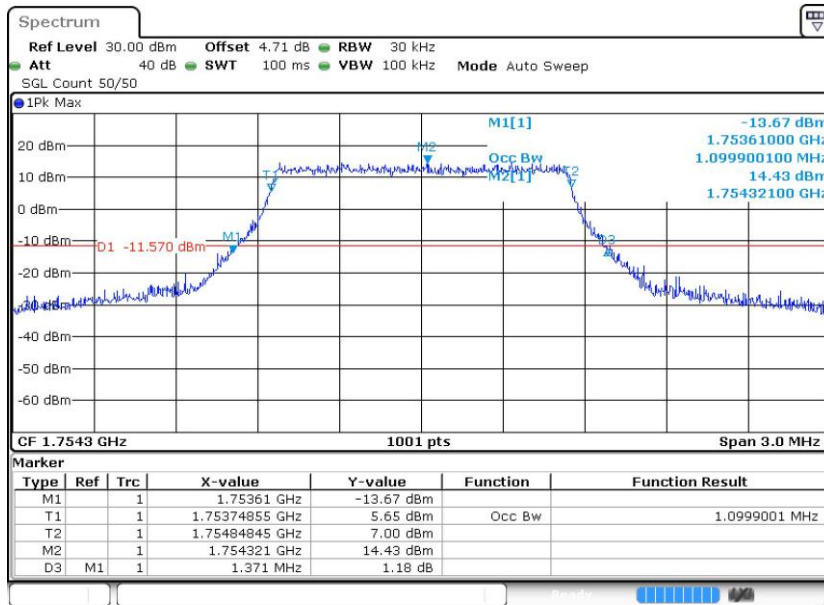
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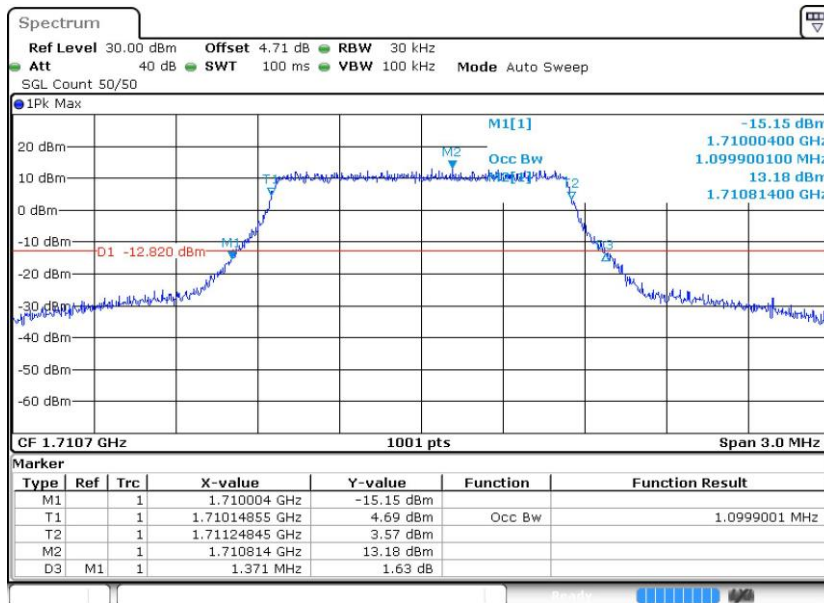
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Date: 19.DEC.2023 14:53:40

Band4-1.4MHz-256QAM-19957-6RB#0



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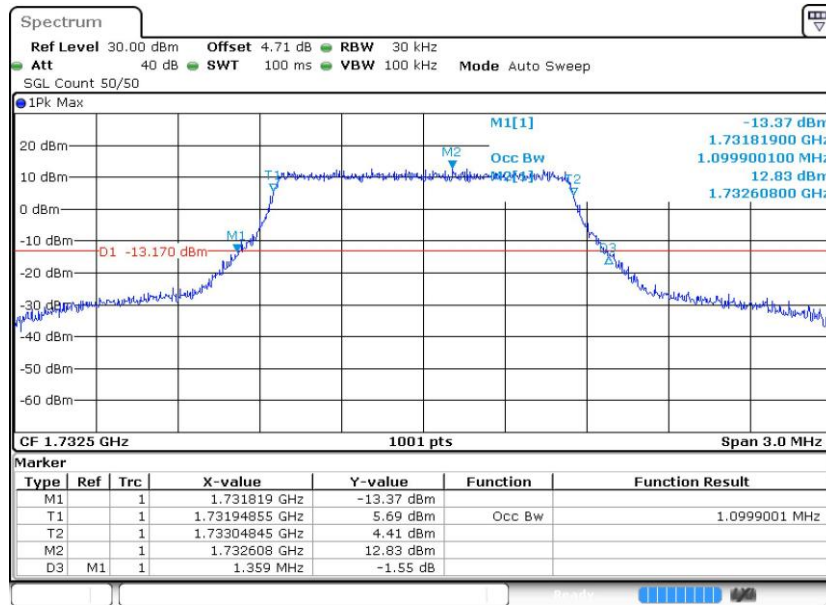
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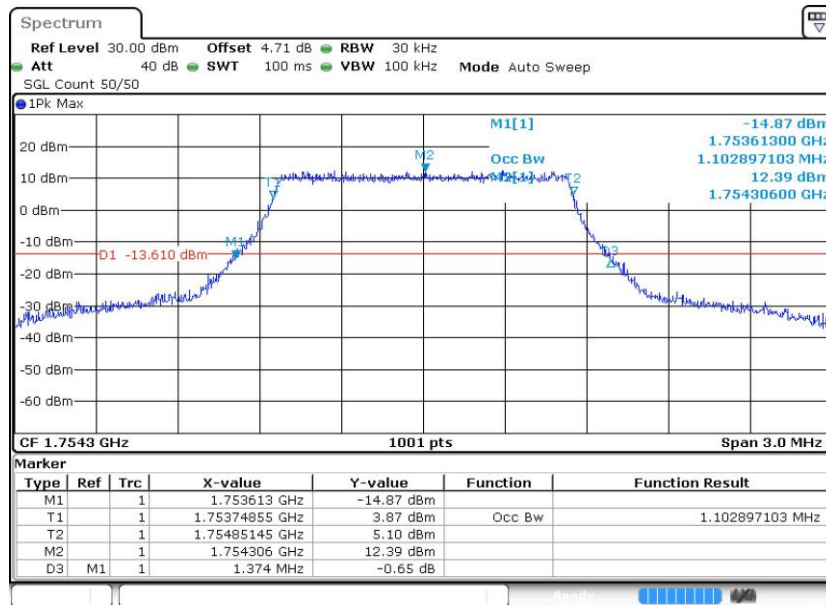
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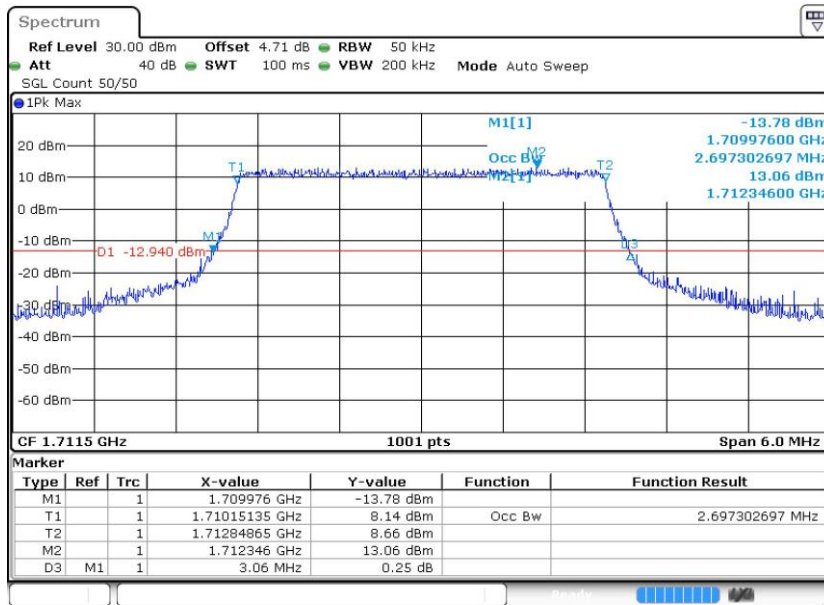
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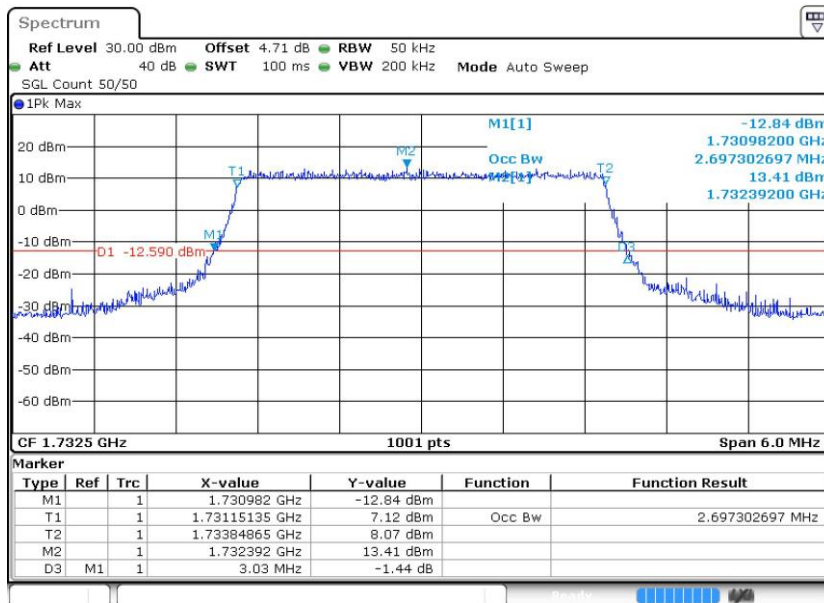
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Date: 18 DEC. 2023 22:38:30

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



Date: 18 DEC. 2023 22:39:07



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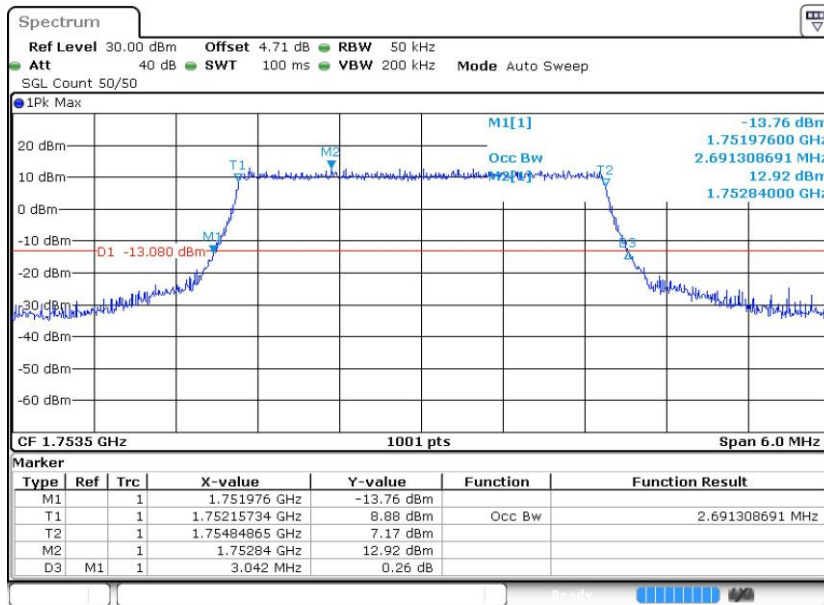
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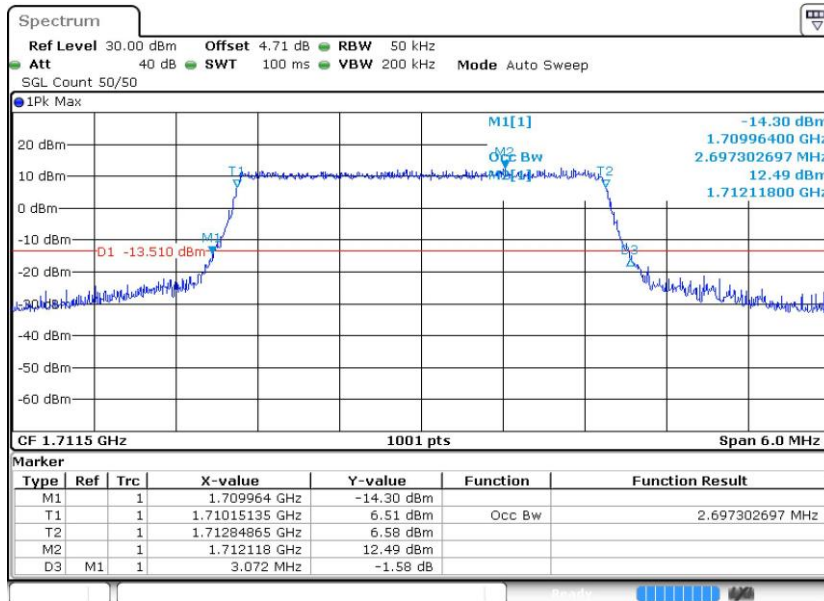
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Band4-3MHz-QPSK-20385-15RB#0



Date: 18 DEC. 2023 22:39:44

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



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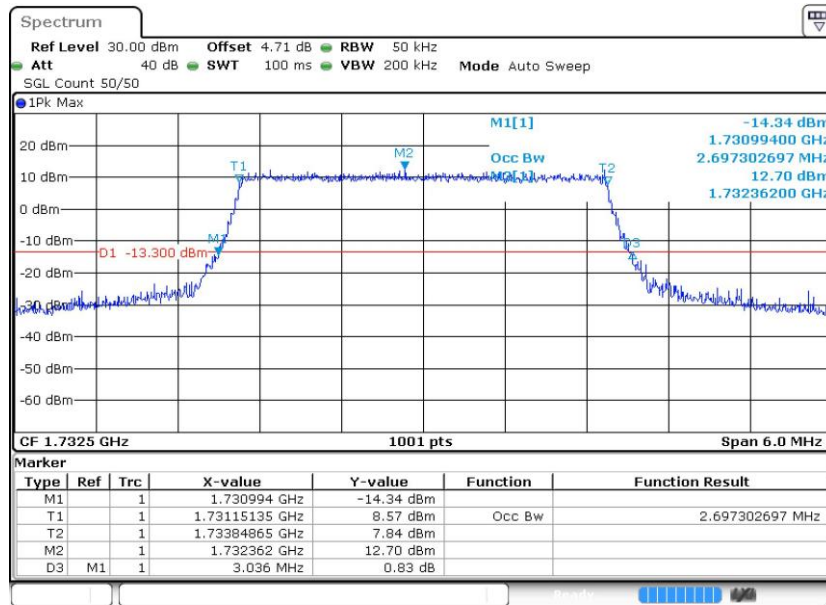
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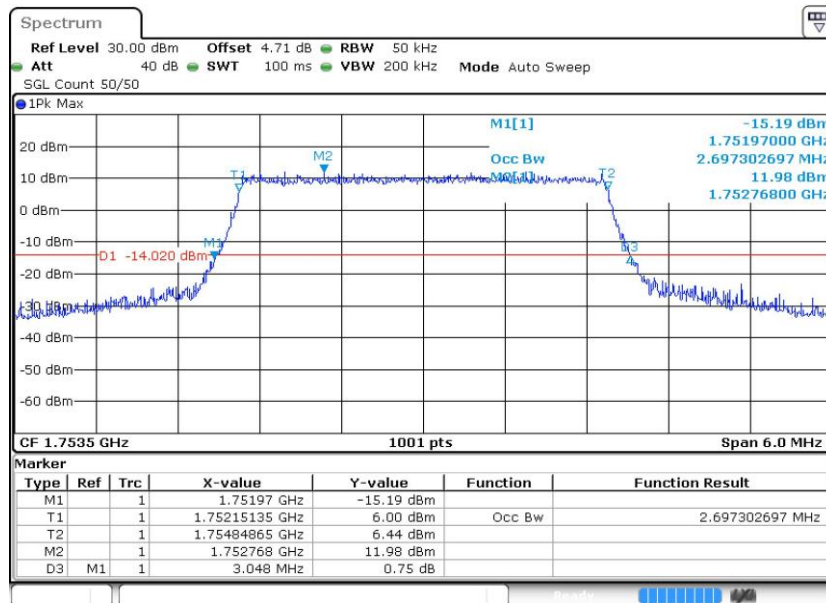
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Date: 18 DEC. 2023 22:39:25

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



Date: 18 DEC. 2023 22:40:02



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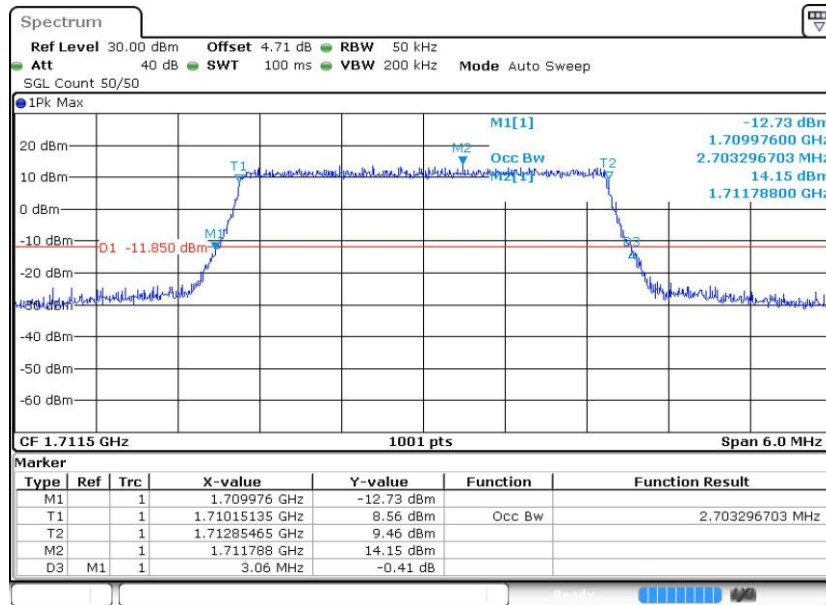
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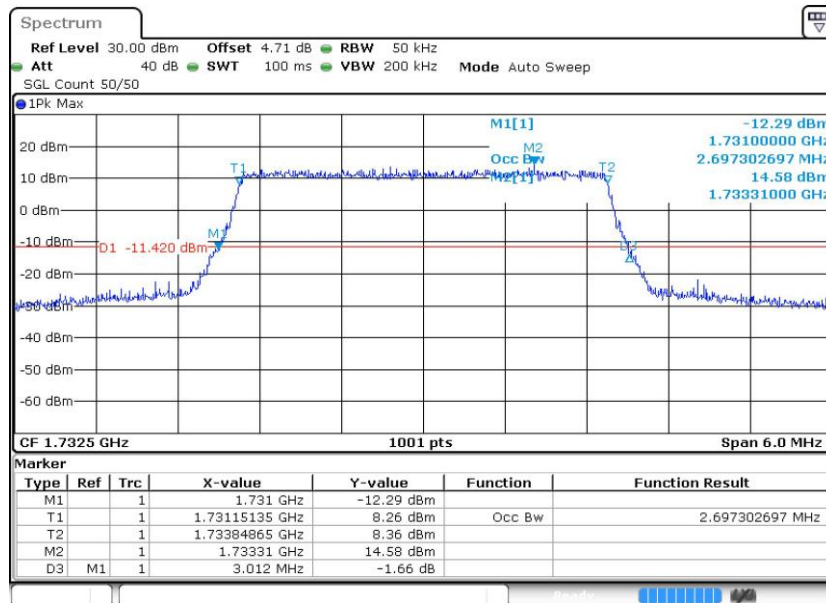
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Band4-3MHz-64QAM-20175-15RB#0



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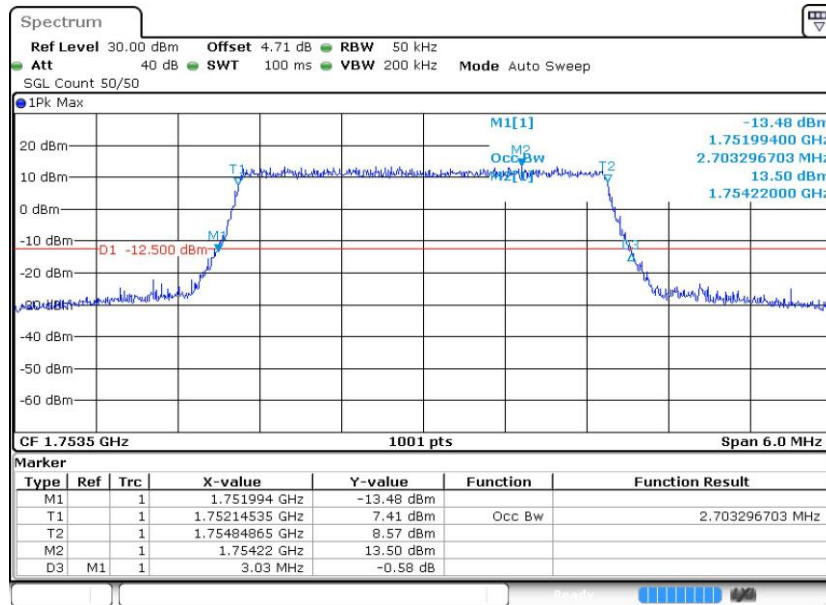
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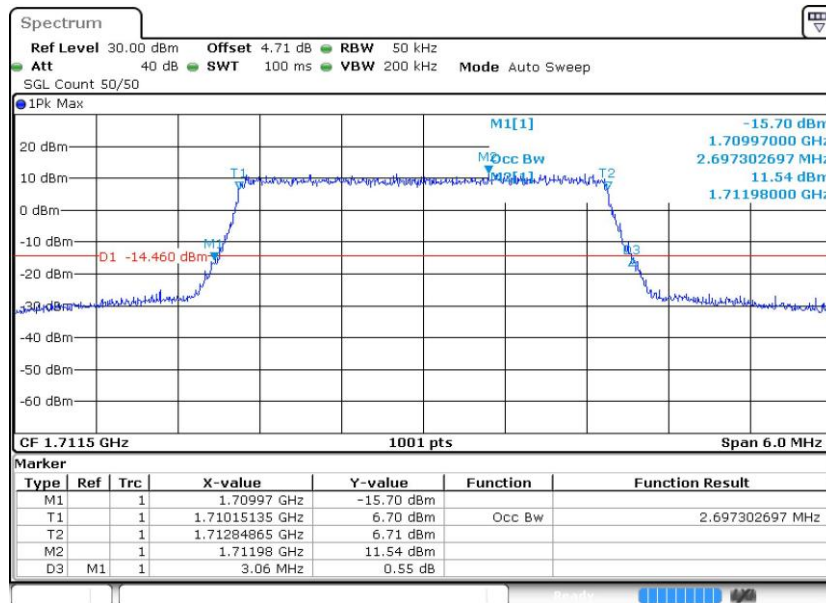
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Date: 19.DEC.2023 14:54:52

Band4-3MHz-256QAM-19965-15RB#0



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