Appendix B

E-UTRA Band 4

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1 Effective (Isotropic) Radiated Power

1.1. Test Result

ANT4:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.97	22.17	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	23.11	22.31	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.01	22.21	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	23.07	22.27	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	23.10	22.30	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	23.05	22.25	30.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.15	21.35	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.99	22.19	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.03	22.23	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.02	22.22	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	23.04	22.24	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	23.04	22.24	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	23.01	22.21	30.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.02	21.22	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.96	22.16	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.00	22.20	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.00	22.20	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	23.03	22.23	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	23.00	22.20	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.99	22.19	30.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.04	21.24	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.38	21.58	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.72	21.92	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.50	21.70	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	22.14	21.34	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	22.21	21.41	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	22.20	21.40	30.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.29	20.49	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.26	21.46	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.51	21.71	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.47	21.67	30.00	PASS

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Band4	1.4MHz	16QAM	20175	3RB#0	22.23	21.43	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	22.15	21.35	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	22.21	21.41	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.13	20.33	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.30	21.50	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.57	21.77	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.39	21.59	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	22.01	21.21	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	22.00	21.20	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	22.17	21.37	30.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.08	20.28	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	21.14	20.34	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	21.12	20.32	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	21.04	20.24	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#0	21.09	20.29	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#1	21.08	20.28	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#3	21.12	20.32	30.00	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	20.12	19.32	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	21.04	20.24	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	21.09	20.29	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	21.07	20.27	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#0	21.05	20.25	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#1	21.10	20.30	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#3	21.06	20.26	30.00	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	19.97	19.17	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	21.14	20.34	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	21.11	20.31	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	21.09	20.29	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#0	21.10	20.30	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#1	21.12	20.32	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#3	21.05	20.25	30.00	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	20.08	19.28	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.04	22.24	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.06	22.26	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.09	22.29	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#0	22.19	21.39	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#4	22.16	21.36	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#7	22.20	21.40	30.00	PASS

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Band4	3MHz	QPSK	19965	15RB#0	22.20	21.40	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.13	22.33	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.17	22.37	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.98	22.18	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#0	22.02	21.22	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#4	22.12	21.32	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#7	22.08	21.28	30.00	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.16	21.36	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.06	22.26	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.18	22.38	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.09	22.29	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#0	22.11	21.31	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#4	22.14	21.34	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#7	22.10	21.30	30.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.11	21.31	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.63	21.83	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.66	21.86	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.75	21.95	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#0	21.24	20.44	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.22	20.42	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#7	21.19	20.39	30.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.16	20.36	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.00	21.20	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.30	21.50	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.61	21.81	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.23	20.43	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.14	20.34	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#7	21.22	20.42	30.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.28	20.48	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.20	21.40	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.31	21.51	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.35	21.55	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#0	21.16	20.36	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#4	21.14	20.34	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.25	20.45	30.00	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.19	20.39	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#0	21.14	20.34	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#8	21.10	20.30	30.00	PASS

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Band4	3MHz	64QAM	19965	1RB#14	21.06	20.26	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#0	19.97	19.17	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#4	20.07	19.27	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#7	20.14	19.34	30.00	PASS
Band4	3MHz	64QAM	19965	15RB#0	20.09	19.29	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#0	21.13	20.33	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#8	21.05	20.25	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#14	21.06	20.26	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#0	19.95	19.15	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#4	20.06	19.26	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#7	19.98	19.18	30.00	PASS
Band4	3MHz	64QAM	20175	15RB#0	20.15	19.35	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#0	21.13	20.33	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#8	21.07	20.27	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#14	21.04	20.24	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#0	20.14	19.34	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#4	19.99	19.19	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#7	20.12	19.32	30.00	PASS
Band4	3MHz	64QAM	20385	15RB#0	20.15	19.35	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.95	22.15	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.12	22.32	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.18	22.38	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#0	22.18	21.38	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#6	22.23	21.43	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#13	22.18	21.38	30.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.14	21.34	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.90	22.10	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.20	22.40	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.09	22.29	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#0	22.06	21.26	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#6	22.12	21.32	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#13	22.20	21.40	30.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.16	21.36	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.94	22.14	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.13	22.33	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.98	22.18	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#0	22.04	21.24	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#6	22.07	21.27	30.00	PASS

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Band4	5MHz	QPSK	20375	12RB#13	22.18	21.38	30.00	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.06	21.26	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.64	21.84	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.23	21.43	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.52	21.72	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#0	21.17	20.37	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#6	21.26	20.46	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#13	21.22	20.42	30.00	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.13	20.33	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.10	21.30	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.66	21.86	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.65	21.85	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.10	20.30	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#6	21.19	20.39	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#13	21.14	20.34	30.00	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.17	20.37	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.51	21.71	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.31	21.51	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.12	21.32	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#0	21.07	20.27	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#6	21.04	20.24	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#13	21.13	20.33	30.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.14	20.34	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#0	21.15	20.35	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#12	21.10	20.30	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#24	21.08	20.28	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#0	20.11	19.31	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#6	20.00	19.20	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#13	20.14	19.34	30.00	PASS
Band4	5MHz	64QAM	19975	25RB#0	20.01	19.21	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#0	21.09	20.29	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#12	21.11	20.31	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#24	21.09	20.29	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#0	20.03	19.23	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#6	20.08	19.28	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#13	20.00	19.20	30.00	PASS
Band4	5MHz	64QAM	20175	25RB#0	19.96	19.16	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#0	21.08	20.28	30.00	PASS

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Band4	5MHz	64QAM	20375	1RB#12	21.05	20.25	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#24	21.11	20.31	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#0	19.96	19.16	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#6	20.08	19.28	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#13	20.05	19.25	30.00	PASS
Band4	5MHz	64QAM	20375	25RB#0	19.99	19.19	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	23.08	22.28	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.97	22.17	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.01	22.21	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#0	22.22	21.42	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#12	22.17	21.37	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#25	22.12	21.32	30.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.28	21.48	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.92	22.12	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.98	22.18	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.00	22.20	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#0	22.16	21.36	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#12	22.21	21.41	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#25	22.12	21.32	30.00	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.17	21.37	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.06	22.26	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.01	22.21	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.89	22.09	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#0	22.05	21.25	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#12	22.15	21.35	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#25	22.19	21.39	30.00	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.01	21.21	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.29	21.49	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.35	21.55	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.60	21.80	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#0	21.14	20.34	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#12	21.18	20.38	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#25	21.25	20.45	30.00	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.22	20.42	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.14	21.34	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.59	21.79	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.00	21.20	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#0	21.17	20.37	30.00	PASS

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Band4	10MHz	16QAM	20175	25RB#12	21.19	20.39	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#25	21.21	20.41	30.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.20	20.40	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.80	22.00	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.98	21.18	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.38	21.58	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#0	21.12	20.32	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#12	21.10	20.30	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#25	21.03	20.23	30.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.02	20.22	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#0	21.04	20.24	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#24	21.14	20.34	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#49	21.08	20.28	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#0	20.08	19.28	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#12	20.04	19.24	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#25	20.12	19.32	30.00	PASS
Band4	10MHz	64QAM	20000	50RB#0	20.12	19.32	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#0	21.09	20.29	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#24	21.11	20.31	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#49	21.06	20.26	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#0	19.96	19.16	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#12	20.14	19.34	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#25	19.96	19.16	30.00	PASS
Band4	10MHz	64QAM	20175	50RB#0	19.98	19.18	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#0	21.13	20.33	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#24	21.12	20.32	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#49	21.12	20.32	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#0	20.12	19.32	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#12	20.14	19.34	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#25	20.11	19.31	30.00	PASS
Band4	10MHz	64QAM	20350	50RB#0	20.03	19.23	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	23.24	22.44	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.07	22.27	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.10	22.30	30.00	PASS
Band4	15MHz	QPSK	20025	38RB#0	22.15	21.35	30.00	PASS
Band4	15MHz	QPSK	20025	38RB#18	22.20	21.40	30.00	PASS
Band4	15MHz	QPSK	20025	38RB#37	22.08	21.28	30.00	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.17	21.37	30.00	PASS

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Band4	15MHz	QPSK	20175	1RB#0	23.14	22.34	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.03	22.23	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.10	22.30	30.00	PASS
Band4	15MHz	QPSK	20175	38RB#0	22.23	21.43	30.00	PASS
Band4	15MHz	QPSK	20175	38RB#18	22.03	21.23	30.00	PASS
Band4	15MHz	QPSK	20175	38RB#37	22.08	21.28	30.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.18	21.38	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.17	22.37	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.03	22.23	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.95	22.15	30.00	PASS
Band4	15MHz	QPSK	20325	38RB#0	22.18	21.38	30.00	PASS
Band4	15MHz	QPSK	20325	38RB#18	22.13	21.33	30.00	PASS
Band4	15MHz	QPSK	20325	38RB#37	22.11	21.31	30.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.21	21.41	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.37	21.57	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.27	21.47	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.06	21.26	30.00	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.23	20.43	30.00	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.23	20.43	30.00	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.09	20.29	30.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.20	20.40	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.76	21.96	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.62	21.82	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.61	21.81	30.00	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.24	20.44	30.00	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.01	20.21	30.00	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.12	20.32	30.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.20	20.40	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.46	21.66	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.53	21.73	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.64	21.84	30.00	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.16	20.36	30.00	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.13	20.33	30.00	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.04	20.24	30.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.36	20.56	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#0	21.07	20.27	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#38	21.08	20.28	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#74	21.15	20.35	30.00	PASS

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Band4	15MHz	64QAM	20025	38RB#0	19.95	19.15	30.00	PASS
Band4	15MHz	64QAM	20025	38RB#18	20.15	19.35	30.00	PASS
Band4	15MHz	64QAM	20025	38RB#37	20.15	19.35	30.00	PASS
Band4	15MHz	64QAM	20025	75RB#0	20.12	19.32	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#0	21.09	20.29	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#38	21.05	20.25	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#74	21.05	20.25	30.00	PASS
Band4	15MHz	64QAM	20175	38RB#0	20.01	19.21	30.00	PASS
Band4	15MHz	64QAM	20175	38RB#18	20.02	19.22	30.00	PASS
Band4	15MHz	64QAM	20175	38RB#37	19.97	19.17	30.00	PASS
Band4	15MHz	64QAM	20175	75RB#0	20.03	19.23	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#0	21.09	20.29	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#38	21.13	20.33	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#74	21.08	20.28	30.00	PASS
Band4	15MHz	64QAM	20325	38RB#0	20.14	19.34	30.00	PASS
Band4	15MHz	64QAM	20325	38RB#18	20.12	19.32	30.00	PASS
Band4	15MHz	64QAM	20325	38RB#37	20.03	19.23	30.00	PASS
Band4	15MHz	64QAM	20325	75RB#0	19.99	19.19	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.24	22.44	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.93	22.13	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.98	22.18	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#0	22.19	21.39	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#25	22.17	21.37	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#50	22.13	21.33	30.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.15	21.35	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.32	22.52	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.88	22.08	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.88	22.08	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#0	22.08	21.28	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#25	22.16	21.36	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#50	22.14	21.34	30.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.15	21.35	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.17	22.37	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.83	22.03	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.99	22.19	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#0	22.15	21.35	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#25	22.06	21.26	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#50	22.01	21.21	30.00	PASS

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Band4	20MHz	QPSK	20300	100RB#0	22.12	21.32	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.60	21.80	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.04	21.24	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.35	21.55	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#0	21.22	20.42	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#25	21.25	20.45	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#50	21.22	20.42	30.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.24	20.44	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.38	21.58	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.97	21.17	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.41	21.61	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#0	21.22	20.42	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#25	21.23	20.43	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#50	21.09	20.29	30.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.22	20.42	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.28	21.48	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.56	21.76	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.17	21.37	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#0	21.12	20.32	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#25	21.10	20.30	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#50	21.12	20.32	30.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.04	20.24	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#0	21.04	20.24	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#49	21.13	20.33	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#99	21.12	20.32	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#0	20.15	19.35	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#25	20.06	19.26	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#50	20.03	19.23	30.00	PASS
Band4	20MHz	64QAM	20050	100RB#0	19.95	19.15	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#0	21.10	20.30	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#49	21.05	20.25	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#99	21.13	20.33	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#0	19.96	19.16	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#25	20.03	19.23	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#50	20.04	19.24	30.00	PASS
Band4	20MHz	64QAM	20175	100RB#0	20.06	19.26	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#0	21.12	20.32	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#49	21.04	20.24	30.00	PASS

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Band4	20MHz	64QAM	20300	1RB#99	21.05	20.25	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#0	20.03	19.23	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#25	19.98	19.18	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#50	20.11	19.31	30.00	PASS
Band4	20MHz	64QAM	20300	100RB#0	20.15	19.35	30.00	PASS

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ANT3:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	20.04	20.24	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	20.52	20.72	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	20.53	20.73	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	20.00	20.20	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	20.01	20.21	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	19.91	20.11	30.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	19.99	20.19	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	20.08	20.28	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	20.28	20.48	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	20.41	20.61	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	19.94	20.14	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	19.97	20.17	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	19.98	20.18	30.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	20.00	20.20	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	20.09	20.29	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	20.10	20.30	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	19.90	20.10	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	19.74	19.94	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	19.82	20.02	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	19.79	19.99	30.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	19.89	20.09	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	19.90	20.10	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	19.94	20.14	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	19.92	20.12	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	19.89	20.09	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	20.09	20.29	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	20.04	20.24	30.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.04	20.24	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	19.89	20.09	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	19.90	20.10	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	19.86	20.06	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	20.05	20.25	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	20.06	20.26	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	20.02	20.22	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.06	20.26	30.00	PASS

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Band4	1.4MHz	16QAM	20393	1RB#0	19.77	19.97	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	19.87	20.07	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	19.76	19.96	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	19.89	20.09	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	19.91	20.11	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	19.74	19.94	30.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.11	20.31	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	20.05	20.25	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	20.00	20.20	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	19.99	20.19	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#0	20.08	20.28	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#1	20.09	20.29	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#3	19.95	20.15	30.00	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	20.11	20.31	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	20.08	20.28	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	19.97	20.17	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	20.10	20.30	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#0	20.10	20.30	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#1	20.08	20.28	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#3	20.00	20.20	30.00	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	20.01	20.21	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	19.95	20.15	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	19.98	20.18	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	19.98	20.18	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#0	20.00	20.20	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#1	19.94	20.14	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#3	20.00	20.20	30.00	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	20.04	20.24	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	20.31	20.51	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#8	20.23	20.43	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	20.24	20.44	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#0	20.08	20.28	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#4	20.16	20.36	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#7	20.11	20.31	30.00	PASS
Band4	3MHz	QPSK	19965	15RB#0	20.15	20.35	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#0	20.52	20.72	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#8	20.49	20.69	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#14	20.00	20.20	30.00	PASS

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Band4	3MHz	QPSK	20175	8RB#0	19.96	20.16	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#4	20.05	20.25	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#7	20.04	20.24	30.00	PASS
Band4	3MHz	QPSK	20175	15RB#0	20.01	20.21	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	20.45	20.65	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#8	20.20	20.40	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	20.40	20.60	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#0	19.94	20.14	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#4	19.95	20.15	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#7	19.93	20.13	30.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	20.01	20.21	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	20.06	20.26	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	20.02	20.22	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#14	20.09	20.29	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#0	19.26	19.46	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.03	20.23	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.19	20.39	30.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.14	20.34	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	19.86	20.06	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#8	19.94	20.14	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#14	20.02	20.22	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.17	20.37	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.17	20.37	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.20	20.40	30.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.03	20.23	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#0	19.85	20.05	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#8	19.92	20.12	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	19.87	20.07	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#0	19.93	20.13	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#4	19.94	20.14	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.08	20.28	30.00	PASS
Band4	3MHz	16QAM	20385	15RB#0	19.75	19.95	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#0	20.09	20.29	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#8	19.96	20.16	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#14	20.05	20.25	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#0	20.09	20.29	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#4	19.94	20.14	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#7	20.05	20.25	30.00	PASS

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Band4	3MHz	64QAM	19965	15RB#0	20.10	20.30	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#0	20.00	20.20	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#8	19.94	20.14	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#14	20.06	20.26	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#0	20.04	20.24	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#4	20.05	20.25	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#7	19.97	20.17	30.00	PASS
Band4	3MHz	64QAM	20175	15RB#0	20.06	20.26	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#0	19.95	20.15	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#8	20.10	20.30	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#14	20.00	20.20	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#0	19.94	20.14	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#4	20.04	20.24	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#7	20.12	20.32	30.00	PASS
Band4	3MHz	64QAM	20385	15RB#0	20.09	20.29	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	20.57	20.77	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#12	20.13	20.33	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#24	20.35	20.55	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#0	20.10	20.30	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#6	20.17	20.37	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#13	20.13	20.33	30.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	20.17	20.37	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	20.08	20.28	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#12	20.62	20.82	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#24	20.24	20.44	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#0	19.98	20.18	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#6	20.07	20.27	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#13	20.12	20.32	30.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	20.04	20.24	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	19.94	20.14	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#12	20.19	20.39	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#24	19.89	20.09	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#0	19.93	20.13	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#6	20.02	20.22	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#13	19.92	20.12	30.00	PASS
Band4	5MHz	QPSK	20375	25RB#0	19.86	20.06	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	20.03	20.23	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	20.13	20.33	30.00	PASS

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Band4	5MHz	16QAM	19975	1RB#24	20.15	20.35	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.14	20.34	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.23	20.43	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.16	20.36	30.00	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.09	20.29	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	20.04	20.24	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	20.10	20.30	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#24	19.94	20.14	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.13	20.33	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.10	20.30	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.14	20.34	30.00	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.03	20.23	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	19.96	20.16	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#12	19.81	20.01	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	19.97	20.17	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#0	19.96	20.16	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.05	20.25	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#13	19.97	20.17	30.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.03	20.23	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#0	20.09	20.29	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#12	19.97	20.17	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#24	19.95	20.15	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#0	19.98	20.18	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#6	20.02	20.22	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#13	20.00	20.20	30.00	PASS
Band4	5MHz	64QAM	19975	25RB#0	20.04	20.24	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#0	19.98	20.18	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#12	19.99	20.19	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#24	19.97	20.17	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#0	20.02	20.22	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#6	20.00	20.20	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#13	20.09	20.29	30.00	PASS
Band4	5MHz	64QAM	20175	25RB#0	19.99	20.19	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#0	20.05	20.25	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#12	20.03	20.23	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#24	20.03	20.23	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#0	20.06	20.26	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#6	19.97	20.17	30.00	PASS

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Band4	5MHz	64QAM	20375	12RB#13	19.97	20.17	30.00	PASS
Band4	5MHz	64QAM	20375	25RB#0	20.06	20.26	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	20.62	20.82	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#24	20.56	20.76	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#49	20.21	20.41	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#0	20.01	20.21	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#12	20.16	20.36	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#25	20.12	20.32	30.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	20.15	20.35	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#0	19.91	20.11	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#24	20.36	20.56	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#49	20.24	20.44	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#0	19.98	20.18	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#12	20.09	20.29	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#25	20.01	20.21	30.00	PASS
Band4	10MHz	QPSK	20175	50RB#0	20.10	20.30	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	20.43	20.63	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#24	20.49	20.69	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#49	20.01	20.21	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#0	19.90	20.10	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#12	20.02	20.22	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#25	19.92	20.12	30.00	PASS
Band4	10MHz	QPSK	20350	50RB#0	19.97	20.17	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	20.10	20.30	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#24	19.82	20.02	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#49	19.84	20.04	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#0	19.98	20.18	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.14	20.34	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.07	20.27	30.00	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.22	20.42	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#0	19.94	20.14	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#24	19.79	19.99	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#49	20.05	20.25	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.00	20.20	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#12	19.95	20.15	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.11	20.31	30.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	19.96	20.16	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	19.93	20.13	30.00	PASS

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Band4	10MHz	16QAM	20350	1RB#24	19.91	20.11	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	19.74	19.94	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#0	19.88	20.08	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.05	20.25	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#25	19.98	20.18	30.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.09	20.29	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#0	20.00	20.20	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#24	20.10	20.30	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#49	20.06	20.26	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#0	19.96	20.16	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#12	19.94	20.14	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#25	19.99	20.19	30.00	PASS
Band4	10MHz	64QAM	20000	50RB#0	20.04	20.24	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#0	20.07	20.27	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#24	20.05	20.25	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#49	19.98	20.18	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#0	20.04	20.24	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#12	19.99	20.19	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#25	19.96	20.16	30.00	PASS
Band4	10MHz	64QAM	20175	50RB#0	20.03	20.23	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#0	20.01	20.21	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#24	19.99	20.19	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#49	19.97	20.17	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#0	20.09	20.29	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#12	20.12	20.32	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#25	20.03	20.23	30.00	PASS
Band4	10MHz	64QAM	20350	50RB#0	20.02	20.22	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	20.06	20.26	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#38	19.91	20.11	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#74	20.18	20.38	30.00	PASS
Band4	15MHz	QPSK	20025	38RB#0	20.20	20.40	30.00	PASS
Band4	15MHz	QPSK	20025	38RB#18	20.11	20.31	30.00	PASS
Band4	15MHz	QPSK	20025	38RB#37	20.02	20.22	30.00	PASS
Band4	15MHz	QPSK	20025	75RB#0	20.14	20.34	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#0	20.11	20.31	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#38	20.53	20.73	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#74	20.10	20.30	30.00	PASS
Band4	15MHz	QPSK	20175	38RB#0	20.10	20.30	30.00	PASS

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Band4	15MHz	QPSK	20175	38RB#37	20.01	20.21	30.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	20.03	20.23	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	20.15	20.35	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#38	19.77	19.97	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#74	20.35	20.55	30.00	PASS
Band4	15MHz	QPSK	20325	38RB#0	19.94	20.14	30.00	PASS
Band4	15MHz	QPSK	20325	38RB#18	19.99	20.19	30.00	PASS
Band4	15MHz	QPSK	20325	38RB#37	19.97	20.17	30.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	20.07	20.27	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	20.14	20.34	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	20.00	20.20	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	19.92	20.12	30.00	PASS
Band4	15MHz	16QAM	20025	38RB#0	20.10	20.30	30.00	PASS
Band4	15MHz	16QAM	20025	38RB#18	20.12	20.32	30.00	PASS
Band4	15MHz	16QAM	20025	38RB#37	20.10	20.30	30.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.16	20.36	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	20.13	20.33	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	19.81	20.01	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	19.90	20.10	30.00	PASS
Band4	15MHz	16QAM	20175	38RB#0	20.07	20.27	30.00	PASS
Band4	15MHz	16QAM	20175	38RB#18	19.97	20.17	30.00	PASS
Band4	15MHz	16QAM	20175	38RB#37	20.04	20.24	30.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.06	20.26	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#0	20.03	20.23	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	19.81	20.01	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	19.81	20.01	30.00	PASS
Band4	15MHz	16QAM	20325	38RB#0	20.05	20.25	30.00	PASS
Band4	15MHz	16QAM	20325	38RB#18	20.09	20.29	30.00	PASS
Band4	15MHz	16QAM	20325	38RB#37	19.93	20.13	30.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.04	20.24	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#0	20.11	20.31	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#38	19.96	20.16	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#74	20.01	20.21	30.00	PASS
Band4	15MHz	64QAM	20025	38RB#0	20.05	20.25	30.00	PASS
Band4	15MHz	64QAM	20025	38RB#18	19.94	20.14	30.00	PASS
Band4	15MHz	64QAM	20025	38RB#37	20.12	20.32	30.00	PASS
Band4	15MHz	64QAM	20025	75RB#0	20.02	20.22	30.00	PASS

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Band4	15MHz	64QAM	20175	1RB#0	20.00	20.20	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#38	20.09	20.29	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#74	20.12	20.32	30.00	PASS
Band4	15MHz	64QAM	20175	38RB#0	20.04	20.24	30.00	PASS
Band4	15MHz	64QAM	20175	38RB#18	19.98	20.18	30.00	PASS
Band4	15MHz	64QAM	20175	38RB#37	20.09	20.29	30.00	PASS
Band4	15MHz	64QAM	20175	75RB#0	20.08	20.28	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#0	20.03	20.23	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#38	19.97	20.17	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#74	20.09	20.29	30.00	PASS
Band4	15MHz	64QAM	20325	38RB#0	19.95	20.15	30.00	PASS
Band4	15MHz	64QAM	20325	38RB#18	20.07	20.27	30.00	PASS
Band4	15MHz	64QAM	20325	38RB#37	20.06	20.26	30.00	PASS
Band4	15MHz	64QAM	20325	75RB#0	20.10	20.30	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	20.35	20.55	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	19.87	20.07	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	20.56	20.76	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#0	20.02	20.22	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#25	20.15	20.35	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#50	20.12	20.32	30.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	20.12	20.32	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	20.63	20.83	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	20.04	20.24	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	20.13	20.33	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#0	20.15	20.35	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#25	20.03	20.23	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#50	20.00	20.20	30.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	20.08	20.28	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	20.62	20.82	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#49	20.02	20.22	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	19.86	20.06	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#0	20.24	20.44	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#25	20.09	20.29	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#50	19.93	20.13	30.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	20.25	20.45	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	20.13	20.33	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	19.93	20.13	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#99	19.90	20.10	30.00	PASS

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Band4	20MHz	16QAM	20050	50RB#0	20.13	20.33	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.14	20.34	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.07	20.27	30.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.05	20.25	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	20.14	20.34	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	19.90	20.10	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	19.91	20.11	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.07	20.27	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.05	20.25	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.06	20.26	30.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	19.95	20.15	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	20.08	20.28	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#49	19.87	20.07	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	19.79	19.99	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#0	19.99	20.19	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.04	20.24	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#50	19.94	20.14	30.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	19.99	20.19	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#0	19.94	20.14	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#49	20.03	20.23	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#99	20.10	20.30	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#0	20.09	20.29	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#25	20.00	20.20	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#50	20.03	20.23	30.00	PASS
Band4	20MHz	64QAM	20050	100RB#0	20.01	20.21	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#0	20.12	20.32	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#49	20.03	20.23	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#99	20.07	20.27	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#0	19.94	20.14	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#25	20.06	20.26	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#50	20.00	20.20	30.00	PASS
Band4	20MHz	64QAM	20175	100RB#0	19.95	20.15	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#0	20.10	20.30	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#49	19.96	20.16	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#99	19.98	20.18	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#0	19.99	20.19	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#25	19.95	20.15	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#50	20.12	20.32	30.00	PASS

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Band4	20MHz	64QAM	20300	100RB#0	20.04	20.24	30.00	PASS

Remark:

a: For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,

ERP [dBm] = Conducted Power [dBm] + Gain [dBd]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]

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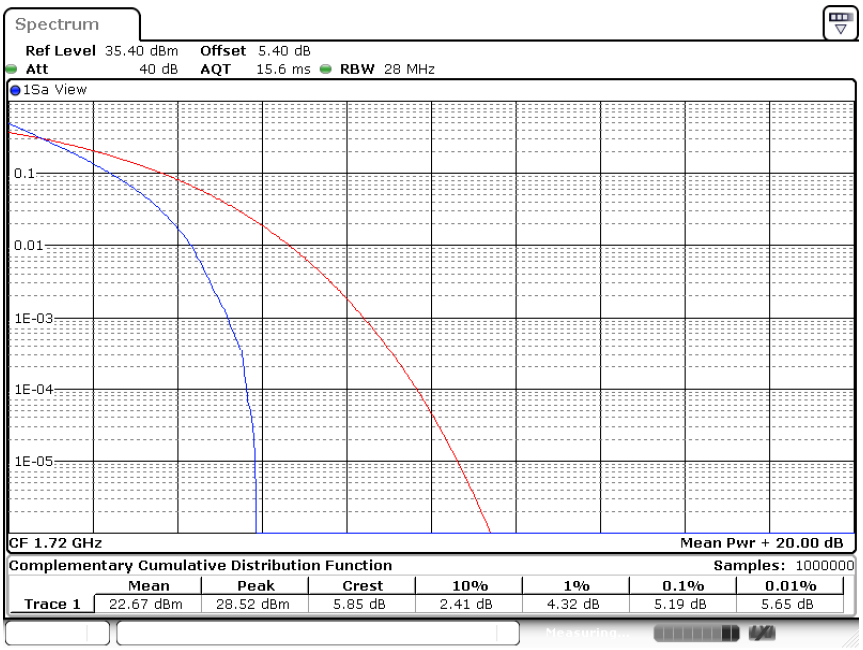
2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	5.19	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.07	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.13	13	PASS
Band4	20MHz	64QAM	20050	100RB#0	5.97	13	PASS
Band4	20MHz	64QAM	20175	100RB#0	5.91	13	PASS
Band4	20MHz	64QAM	20300	100RB#0	6.00	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.94	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.91	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.94	13	PASS

2.2. Test Plots

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



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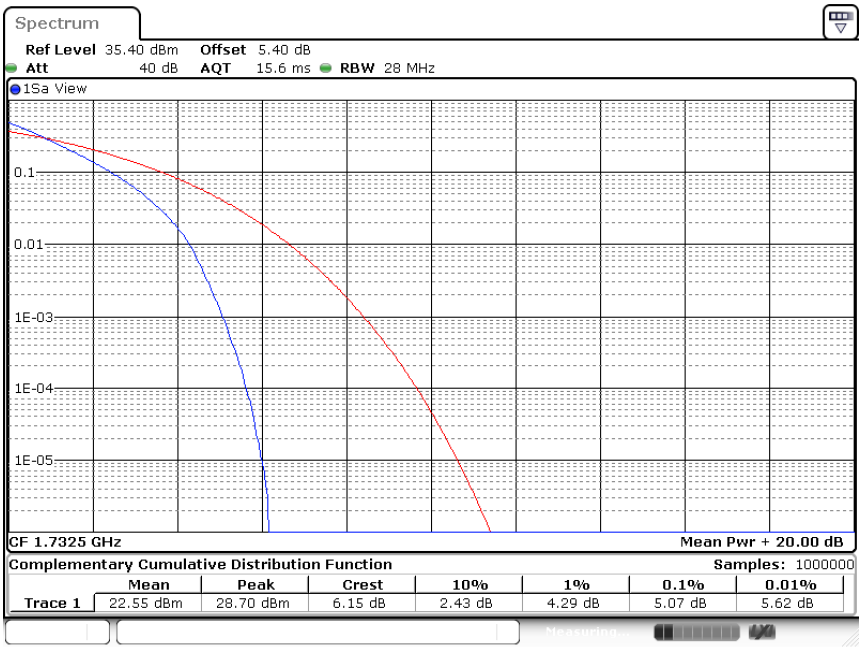
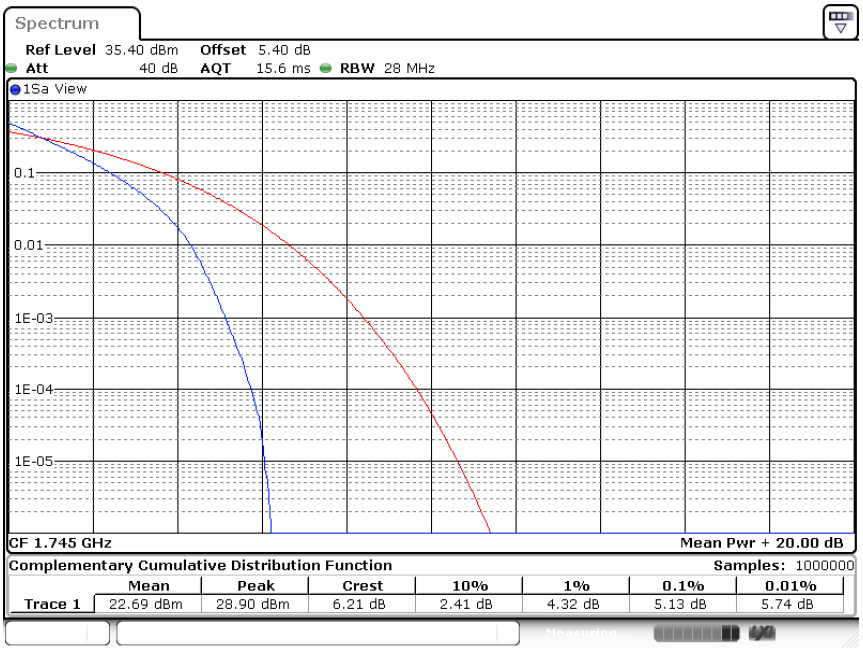
Band4-20MHz-QPSK-20175-100RB#0



Date: 8.DEC.2020 22:18:14

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



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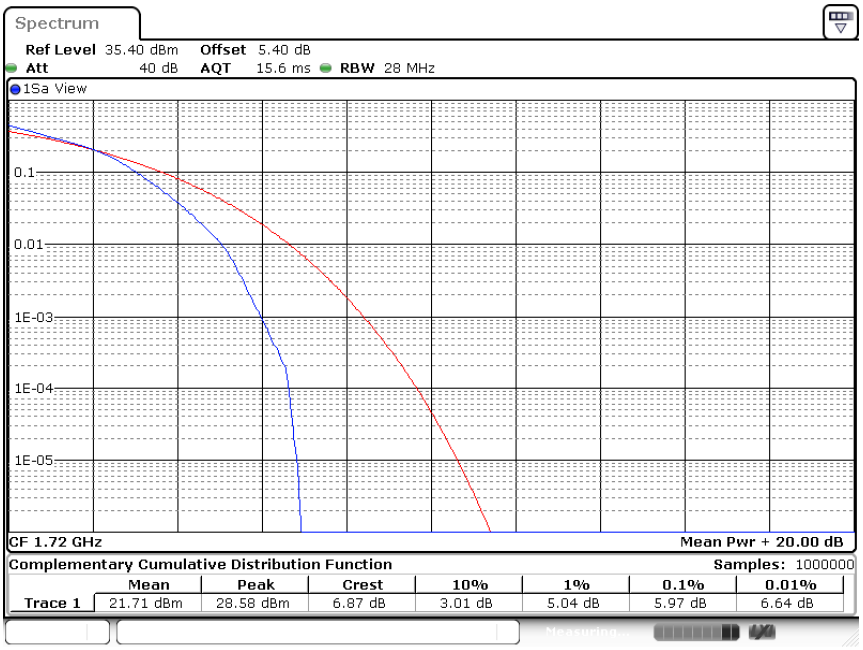
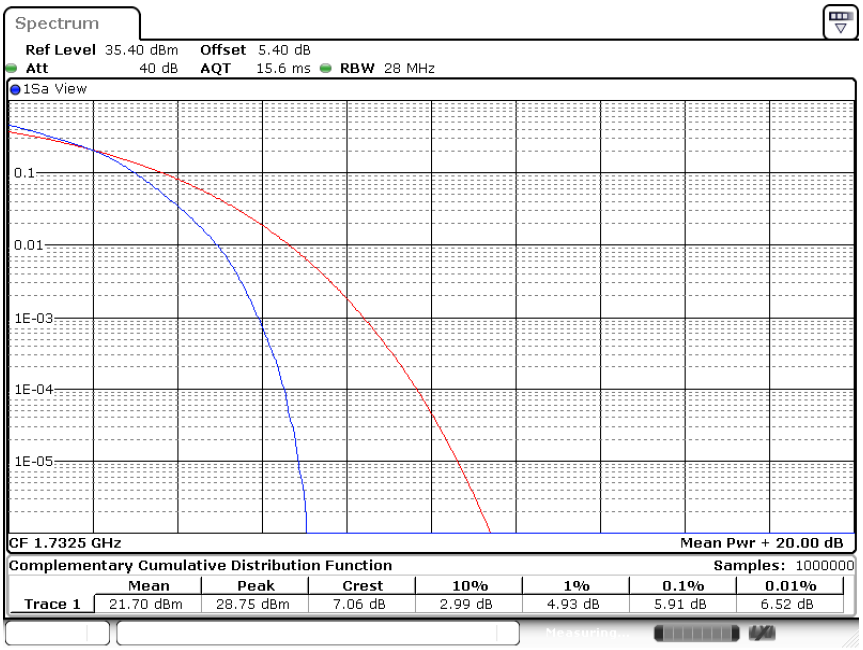
Band4-20MHz-64QAM-20050-100RB#0



Date: 9.DEC.2020 00:16:37

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



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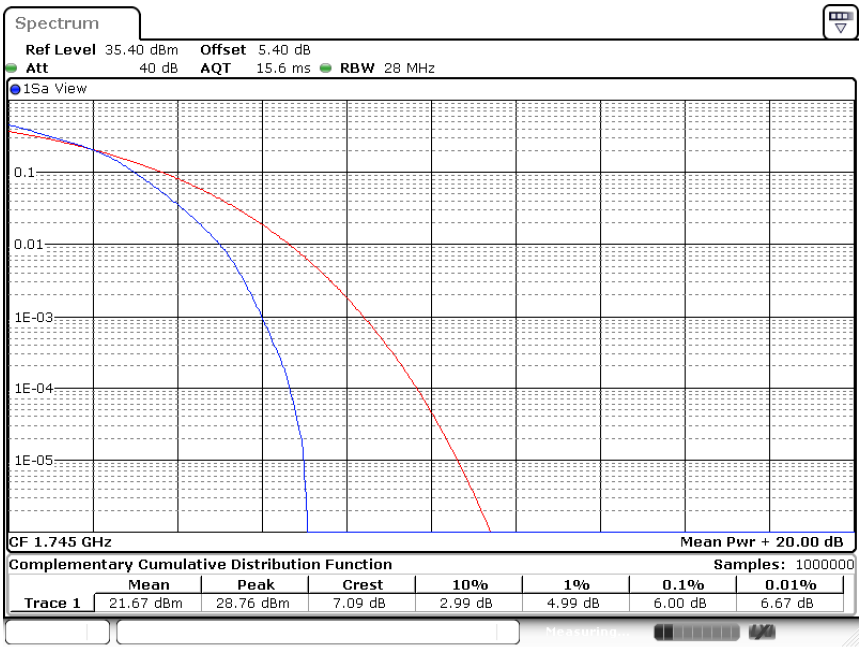
Band4-20MHz-64QAM-20300-100RB#0



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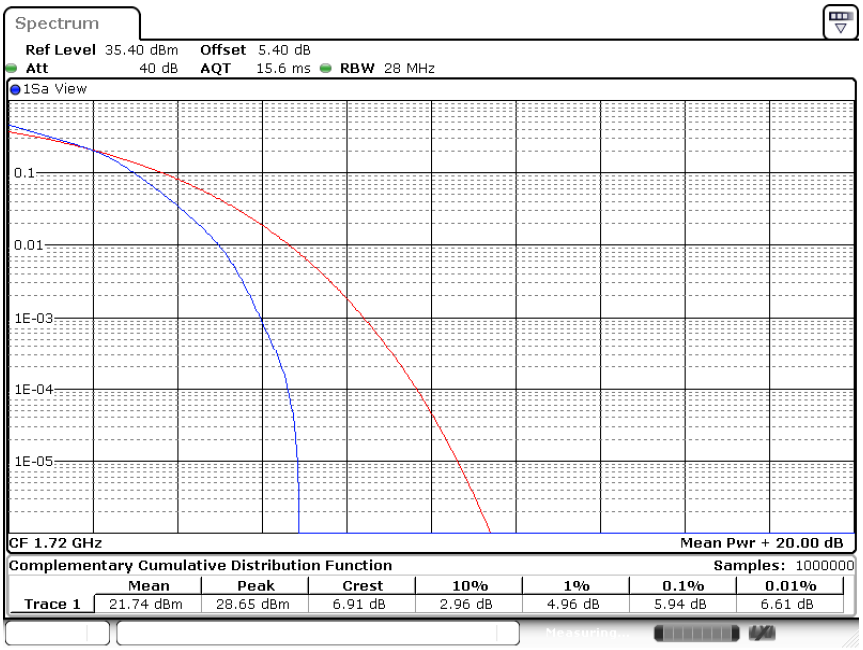
Band4-20MHz-16QAM-20050-100RB#0



Date: 8.DEC.2020 22:18:02

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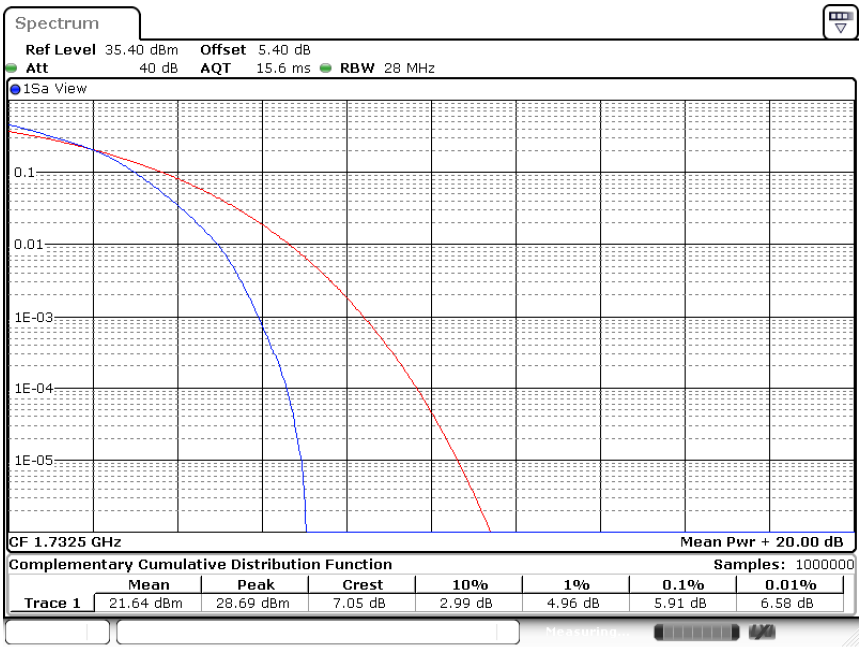
Band4-20MHz-16QAM-20175-100RB#0



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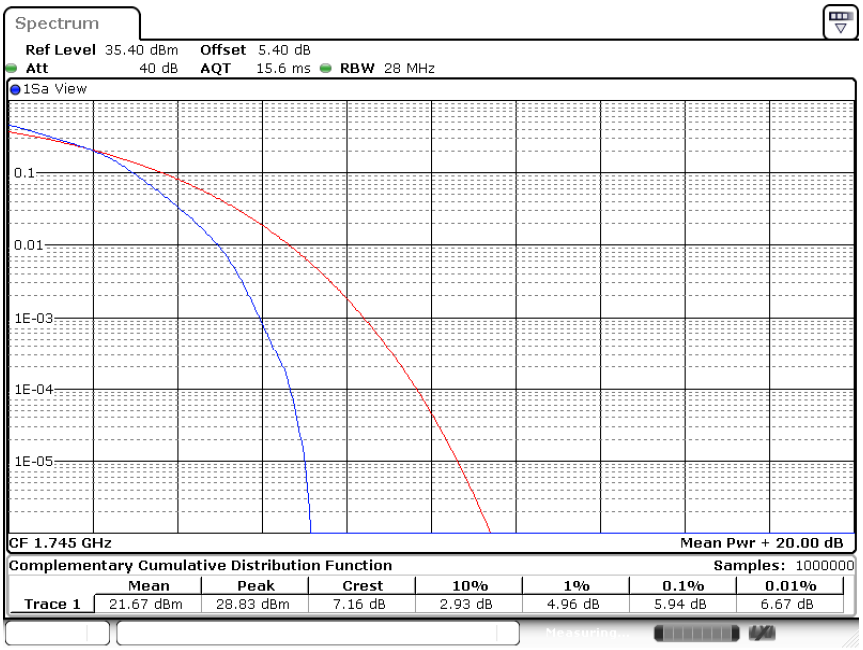
Band4-20MHz-16QAM-20300-100RB#0



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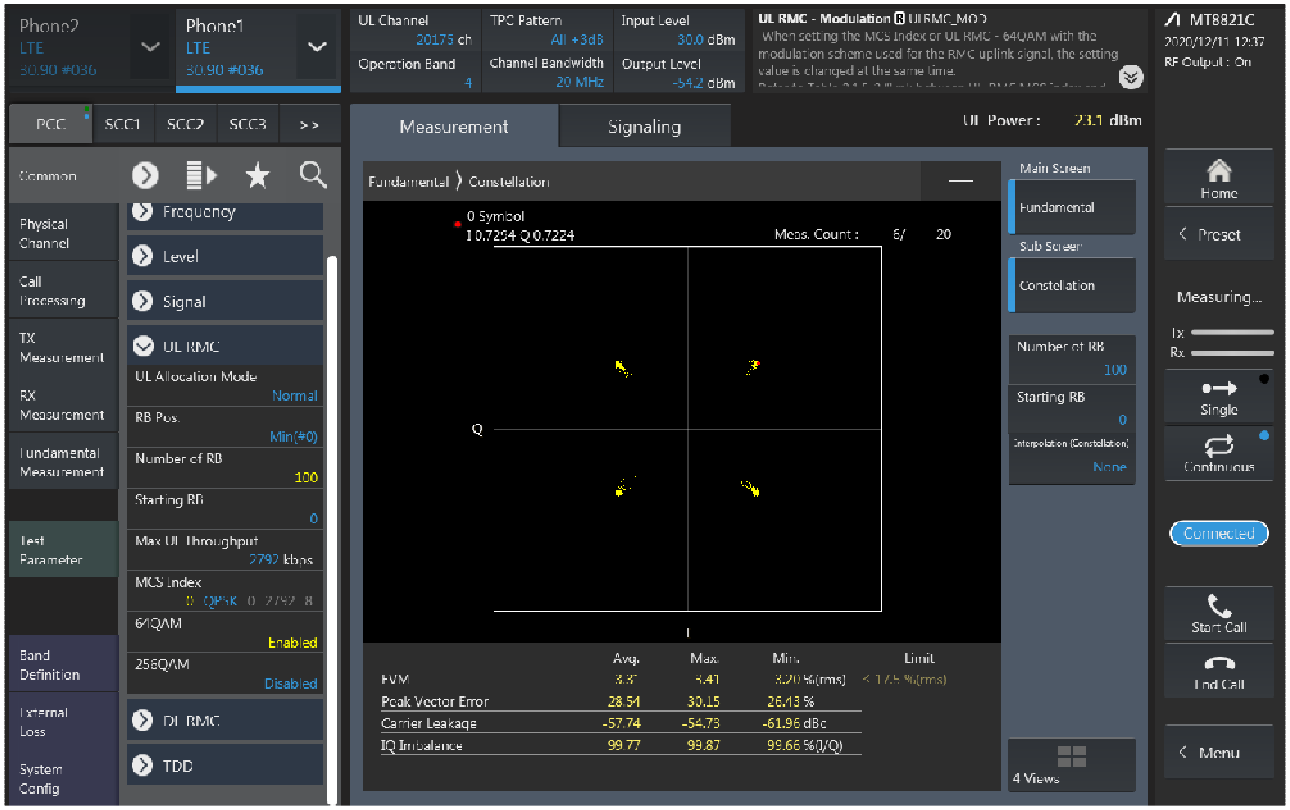
3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

3.1.1.Test Channel = MCH



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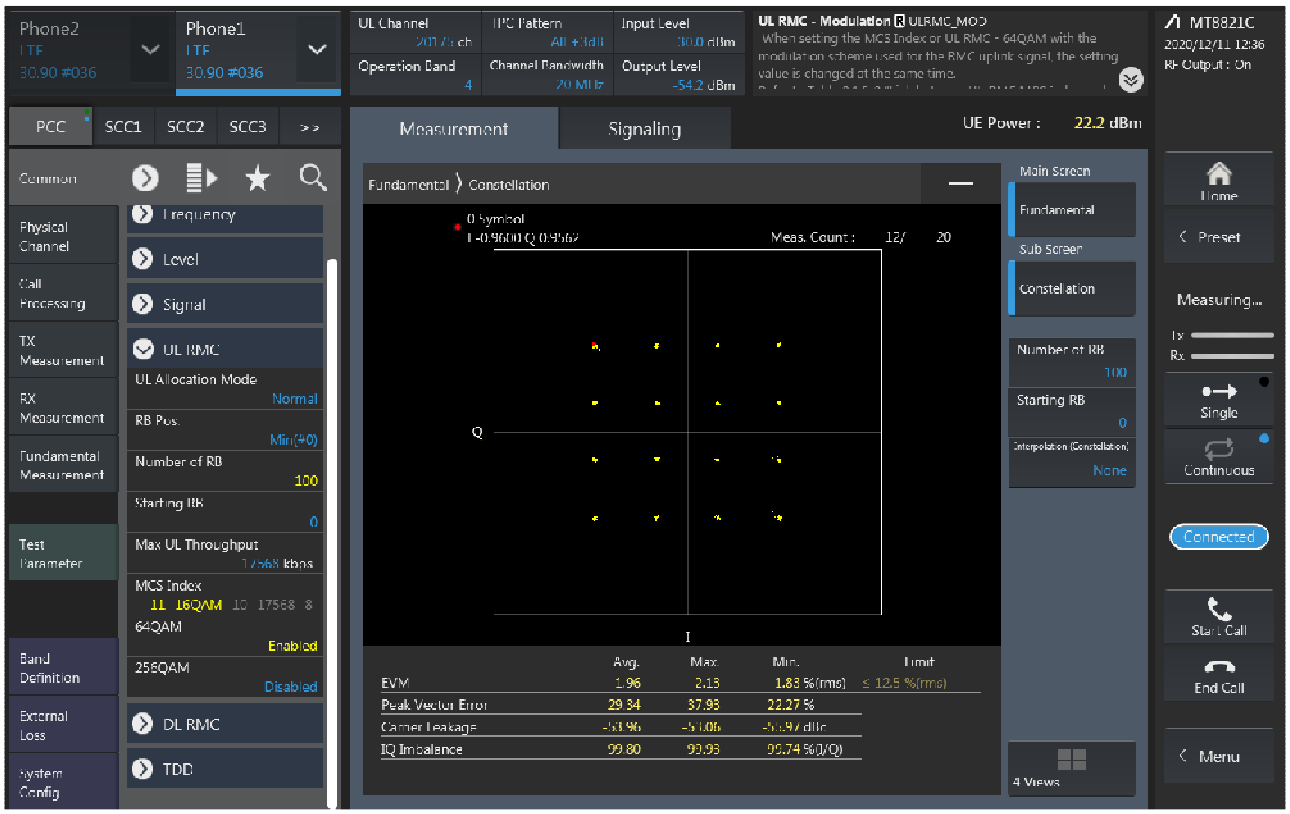
3.2. Test Mode = LTE /TM2 20MHz

3.2.1.Test Channel = MCH



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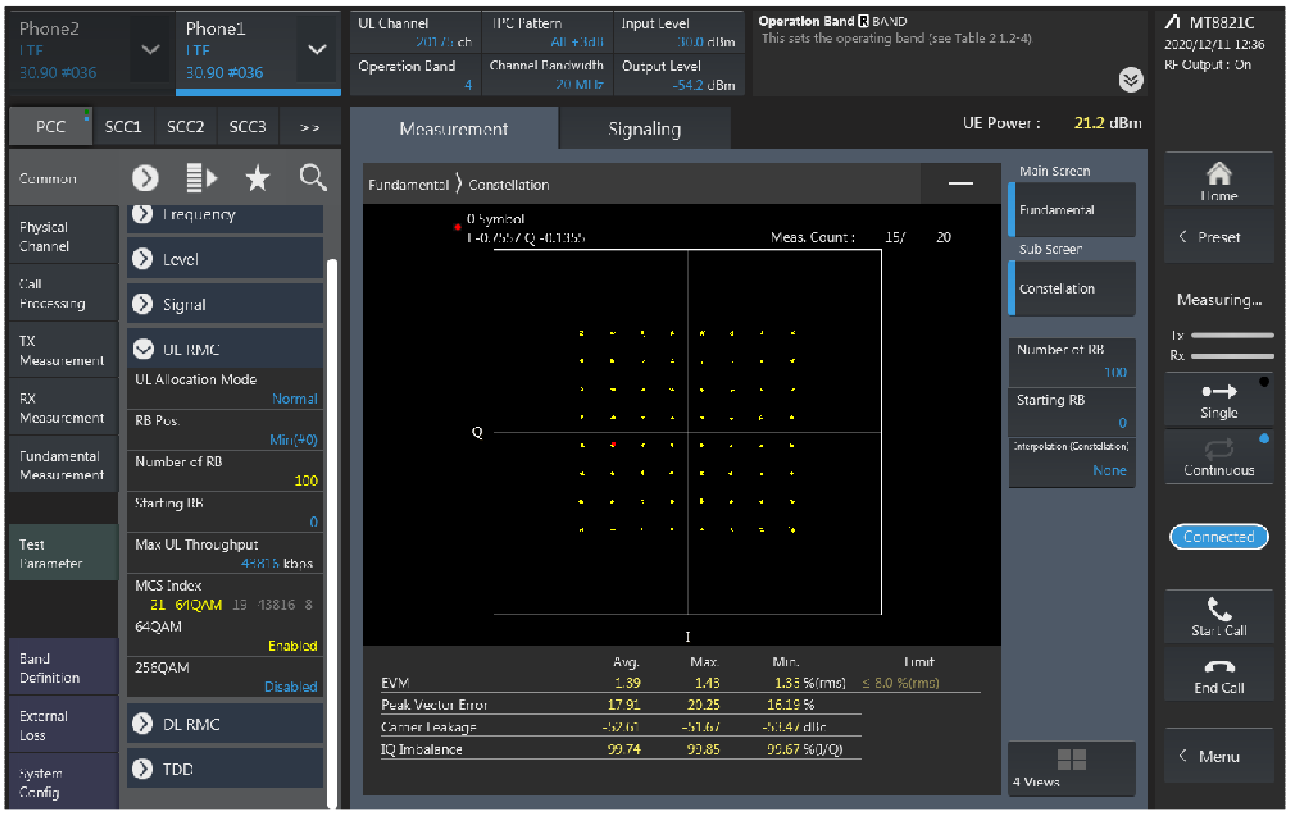
3.3. Test Mode = LTE /TM3 20MHz

3.3.1.Test Channel = MCH



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4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.088	1.236	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.088	1.251	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.088	1.233	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	1.091	1.242	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	1.088	1.233	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	1.094	1.233	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.085	1.236	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.088	1.239	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.085	1.236	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.697	2.994	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.691	3.012	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.691	3.012	PASS
Band4	3MHz	64QAM	19965	15RB#0	2.685	2.994	PASS
Band4	3MHz	64QAM	20175	15RB#0	2.685	2.994	PASS
Band4	3MHz	64QAM	20385	15RB#0	2.685	2.844	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.703	2.982	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.685	2.988	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.685	2.988	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.466	4.890	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.466	4.880	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.476	4.880	PASS
Band4	5MHz	64QAM	19975	25RB#0	4.466	4.690	PASS
Band4	5MHz	64QAM	20175	25RB#0	4.466	4.940	PASS
Band4	5MHz	64QAM	20375	25RB#0	4.466	4.700	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.486	4.920	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.466	4.920	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.486	4.920	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.911	9.680	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.931	9.660	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.931	9.660	PASS
Band4	10MHz	64QAM	20000	50RB#0	8.911	9.740	PASS

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Band4	10MHz	64QAM	20175	50RB#0	8.931	9.720	PASS
Band4	10MHz	64QAM	20350	50RB#0	8.911	9.720	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.911	9.680	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.931	9.660	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.911	9.660	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.457	14.700	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.457	14.730	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.457	14.790	PASS
Band4	15MHz	64QAM	20025	75RB#0	13.457	14.730	PASS
Band4	15MHz	64QAM	20175	75RB#0	13.427	14.610	PASS
Band4	15MHz	64QAM	20325	75RB#0	13.427	14.700	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.457	14.700	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.457	14.670	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.427	14.730	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.862	19.440	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.862	19.440	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.862	19.520	PASS
Band4	20MHz	64QAM	20050	100RB#0	17.862	19.040	PASS
Band4	20MHz	64QAM	20175	100RB#0	17.782	18.680	PASS
Band4	20MHz	64QAM	20300	100RB#0	17.862	19.400	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.902	19.360	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.862	19.440	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.862	19.400	PASS

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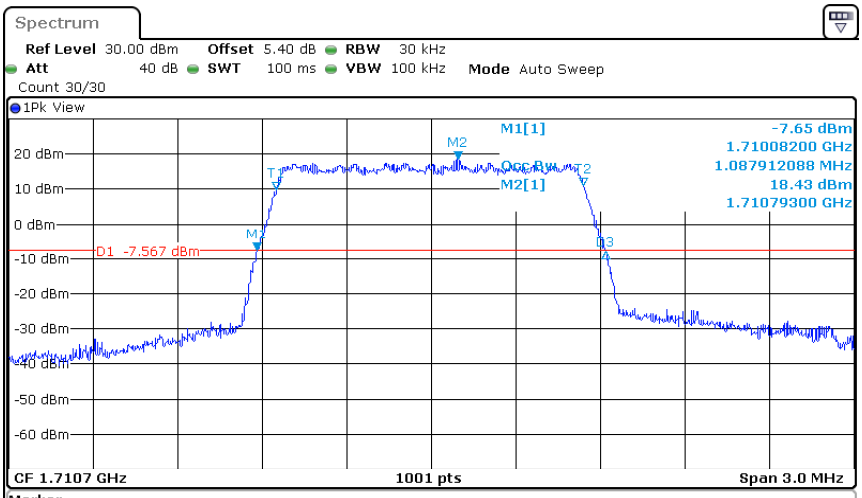
4.2. Test Plots

Band4-1.4MHz-QPSK-19957-6RB#0-1.088



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.710082 GHz	-7.65 dBm		
T1		1	1.71015155 GHz	9.95 dBm	Occ Bw	1.087912088 MHz
T2		1	1.71123946 GHz	11.13 dBm		
M2		1	1.710793 GHz	18.43 dBm		
D3	M1	1	1.236 MHz	-0.43 dB		

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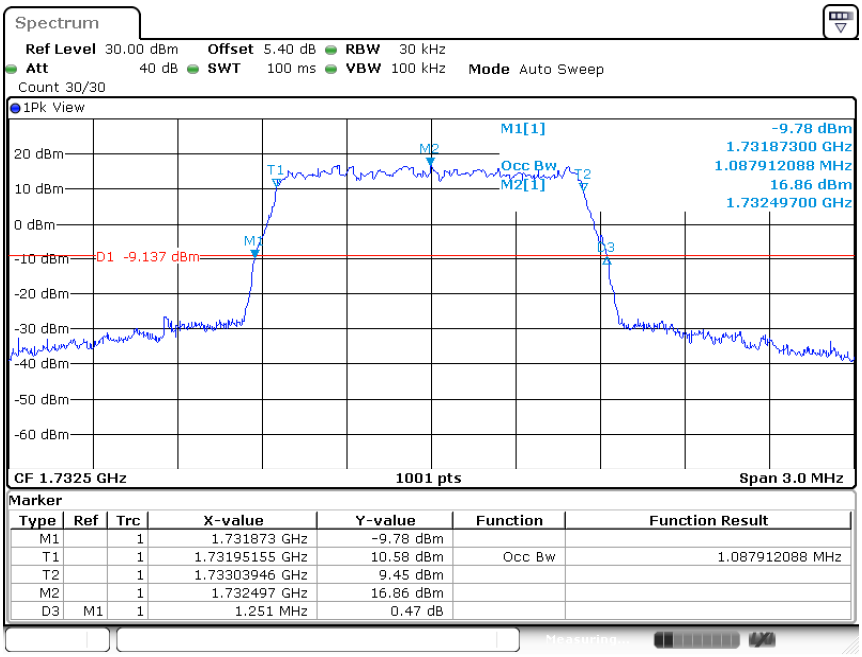
Band4-1.4MHz-QPSK-20175-6RB#0-1.088



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.731873 GHz	-9.78 dBm		
T1		1	1.73195155 GHz	10.58 dBm	Occ Bw	1.087912088 MHz
T2		1	1.73303946 GHz	9.45 dBm		
M2		1	1.732497 GHz	16.86 dBm		
D3	M1	1	1.251 MHz	0.47 dB		

Date: 4.JAN.2021 11:31:15

Band4-1.4MHz-QPSK-20393-6RB#0-1.088

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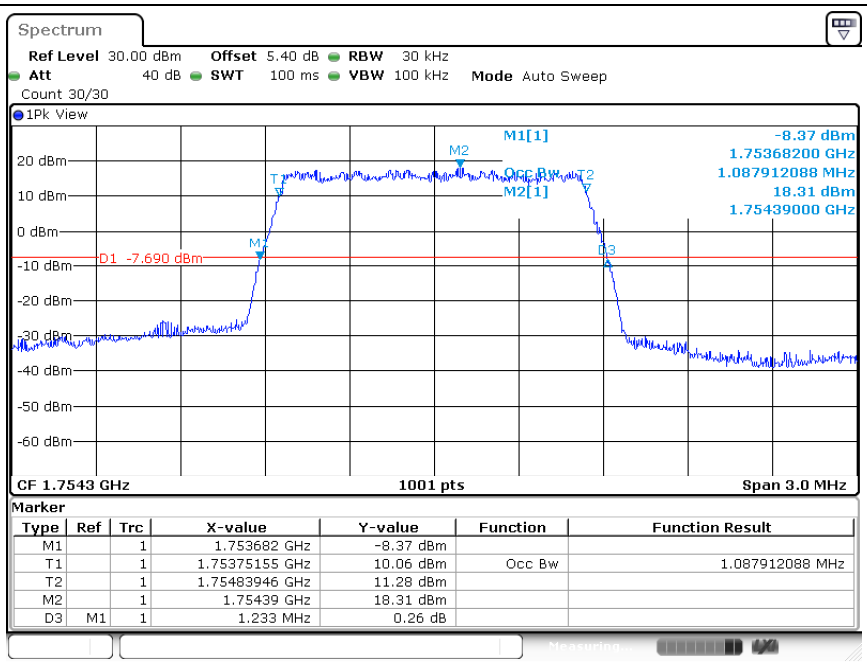

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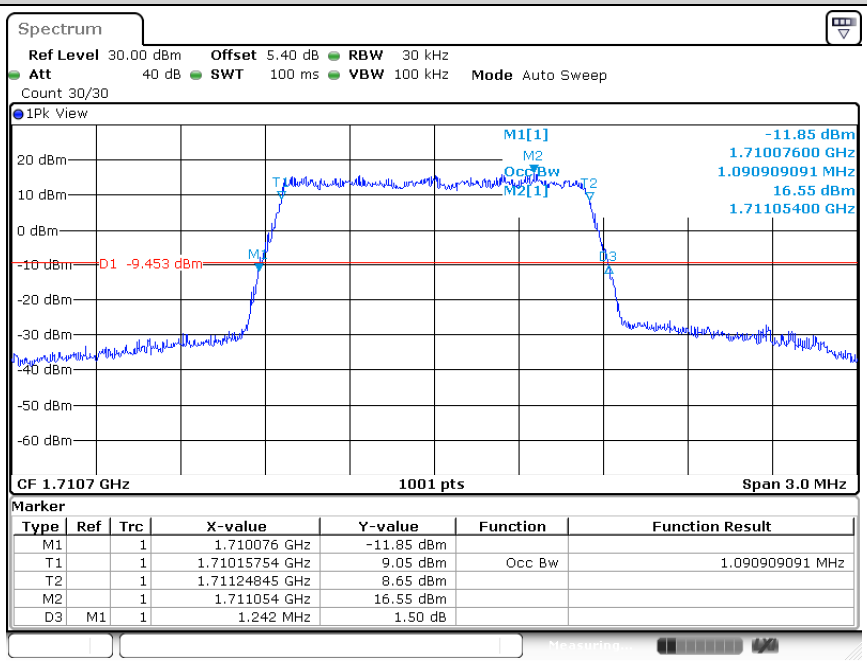

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Band4-1.4MHz-64QAM-20175-6RB#0-1.088

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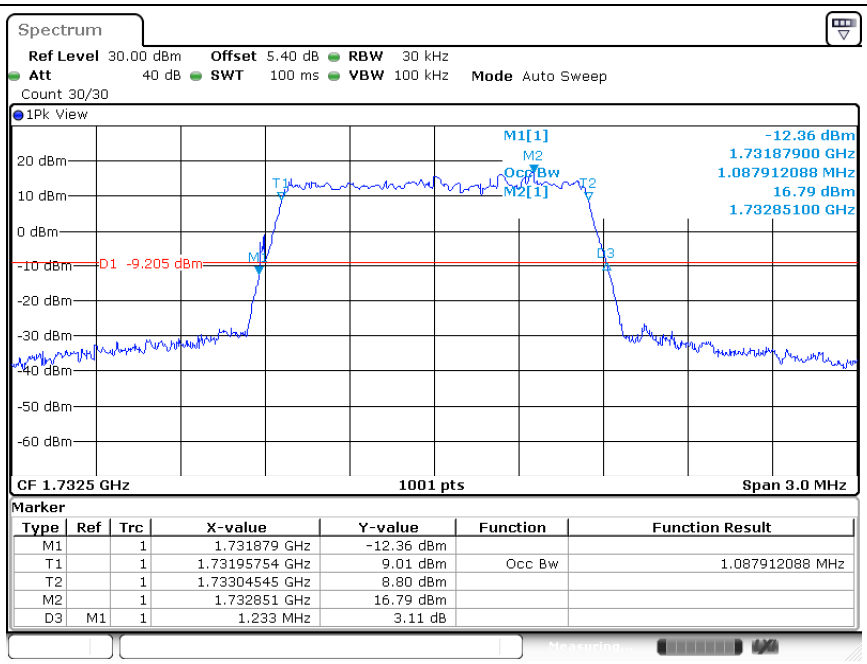

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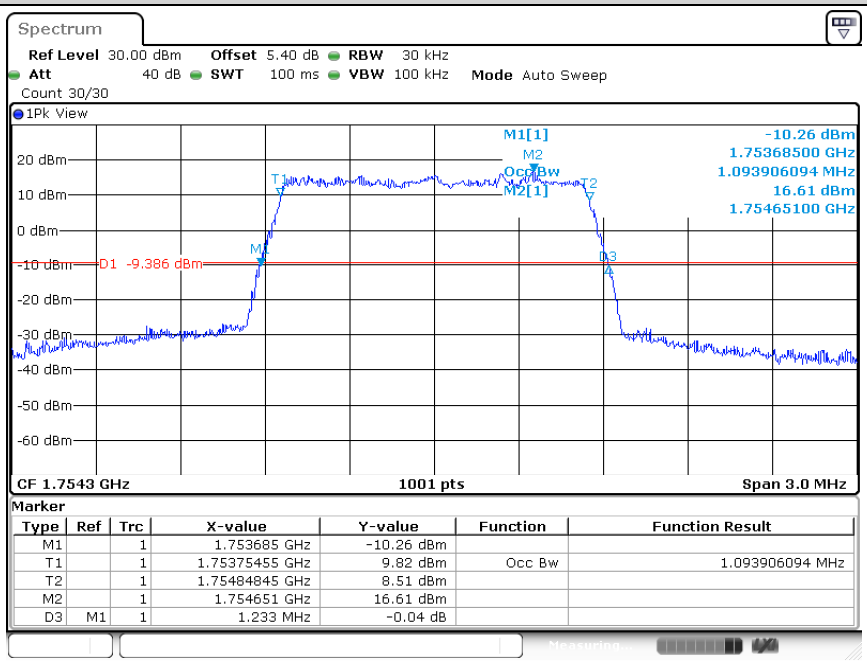

Date: 4.JAN.2021 12:34:57

Band4-1.4MHz-16QAM-19957-6RB#0-1.085

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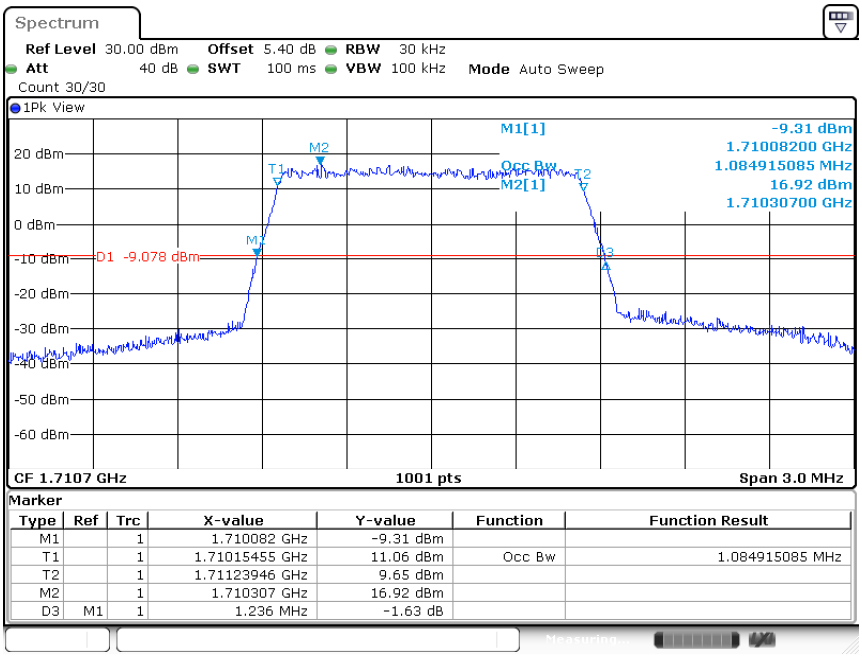

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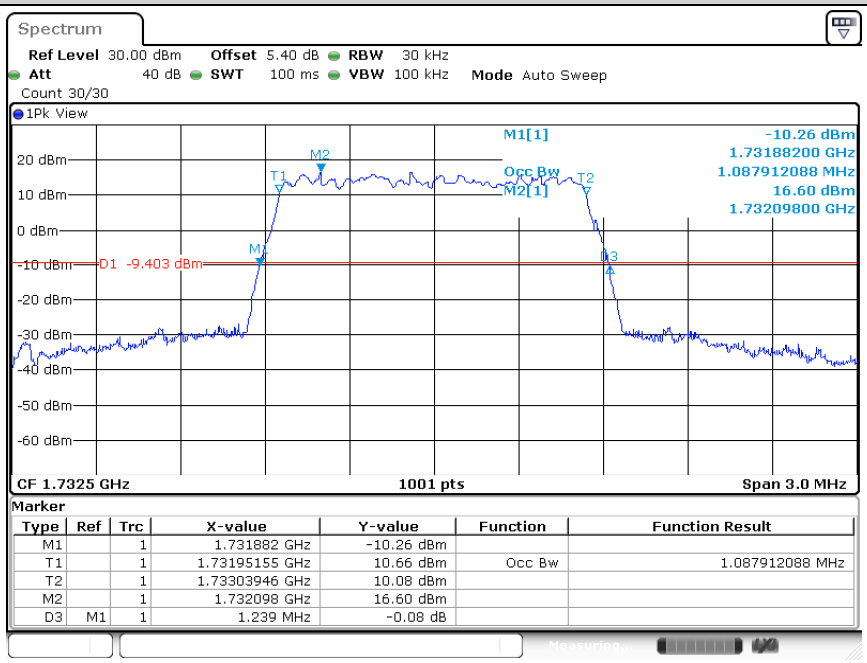
Band4-1.4MHz-16QAM-20175-6RB#0-1.088



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Band4-1.4MHz-16QAM-20393-6RB#0-1.085

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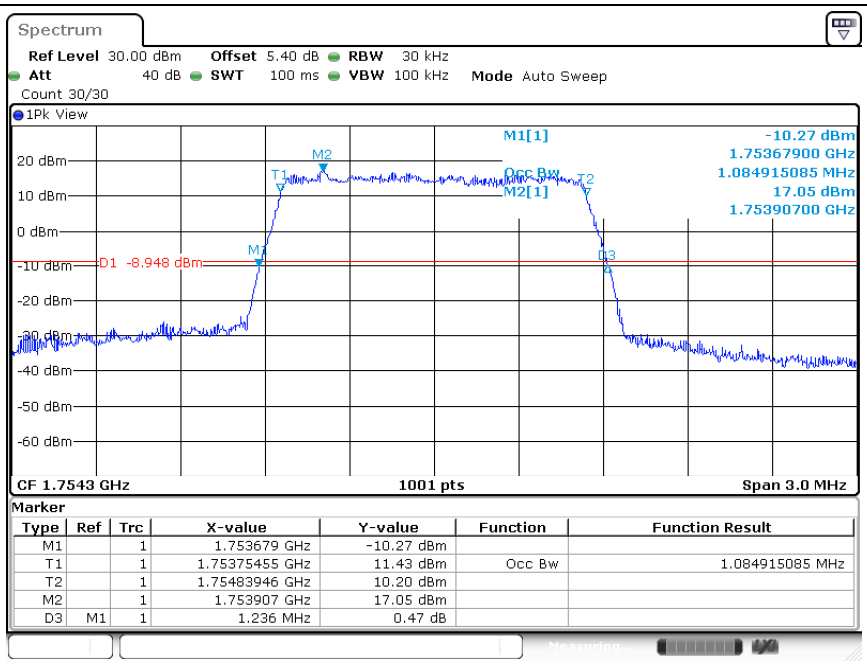
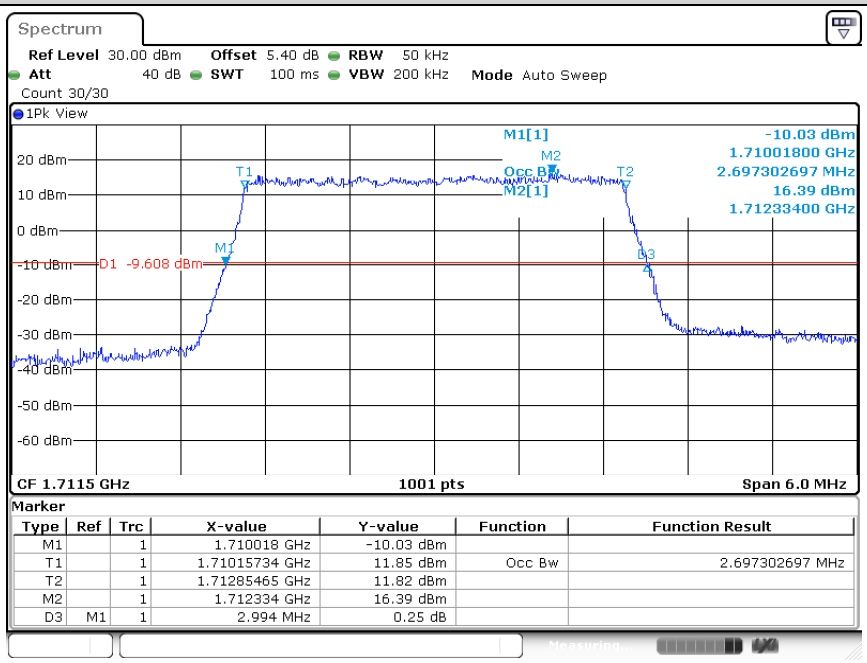


Band4-3MHz-QPSK-19965-15RB#0-2.697



Band4-3MHz-QPSK-20175-15RB#0-2.691

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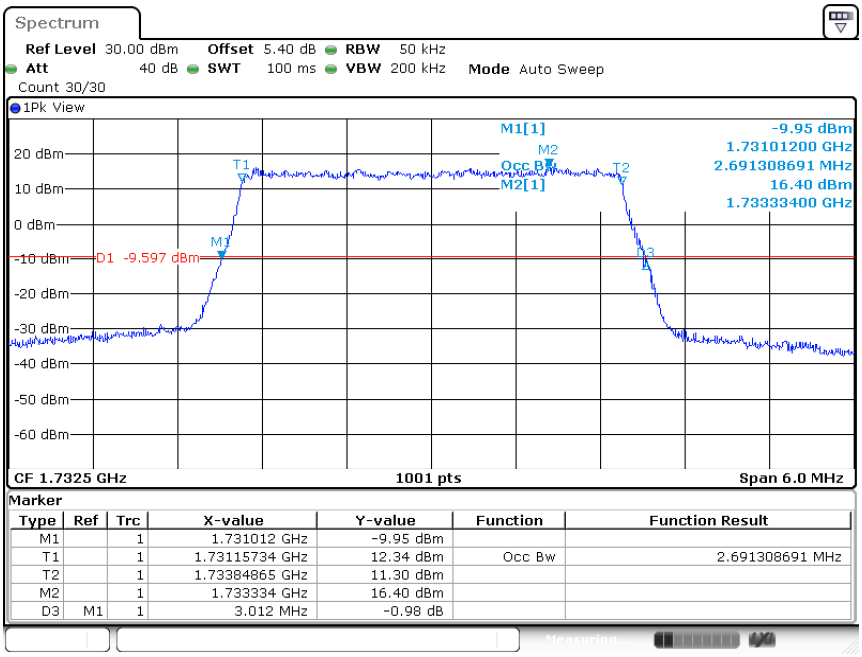
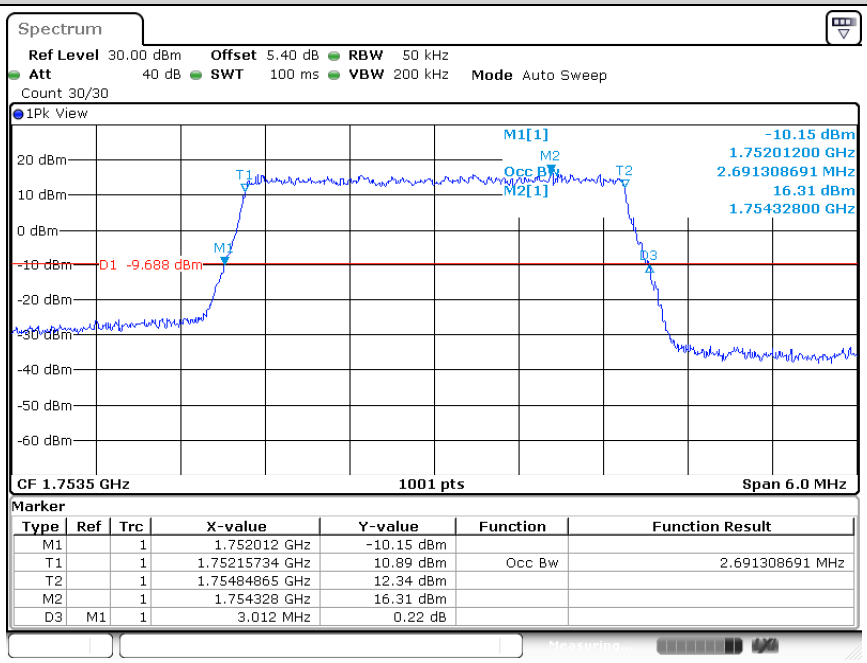


Band4-3MHz-QPSK-20385-15RB#0-2.691



Band4-3MHz-64QAM-19965-15RB#0-2.685

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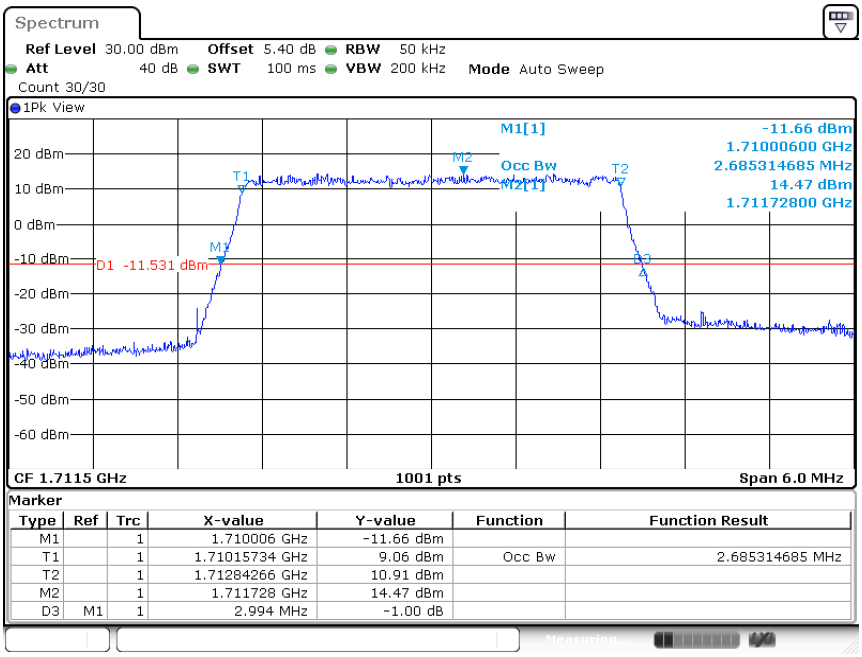
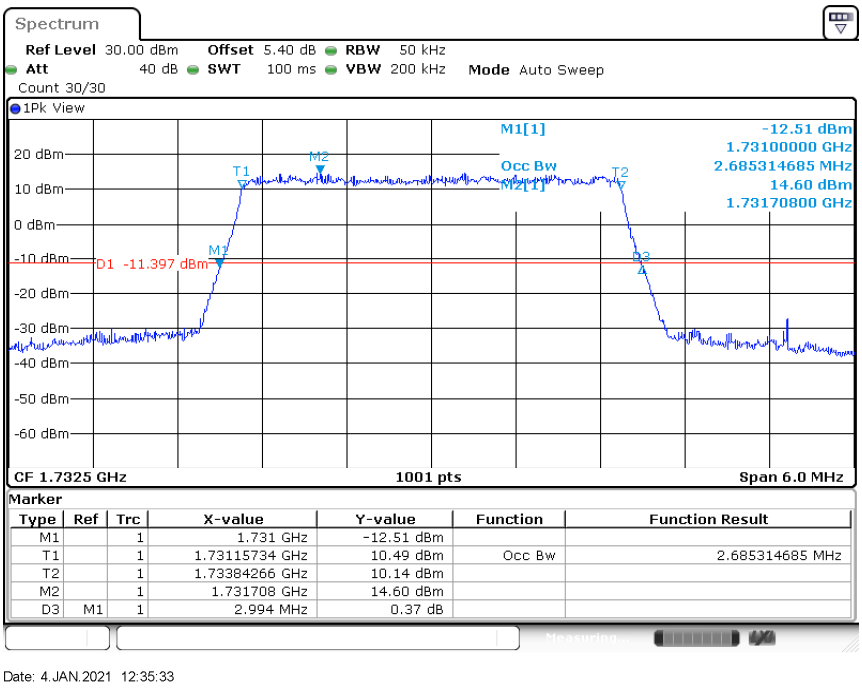


Band4-3MHz-64QAM-20175-15RB#0-2.685



Band4-3MHz-64QAM-20385-15RB#0-2.685

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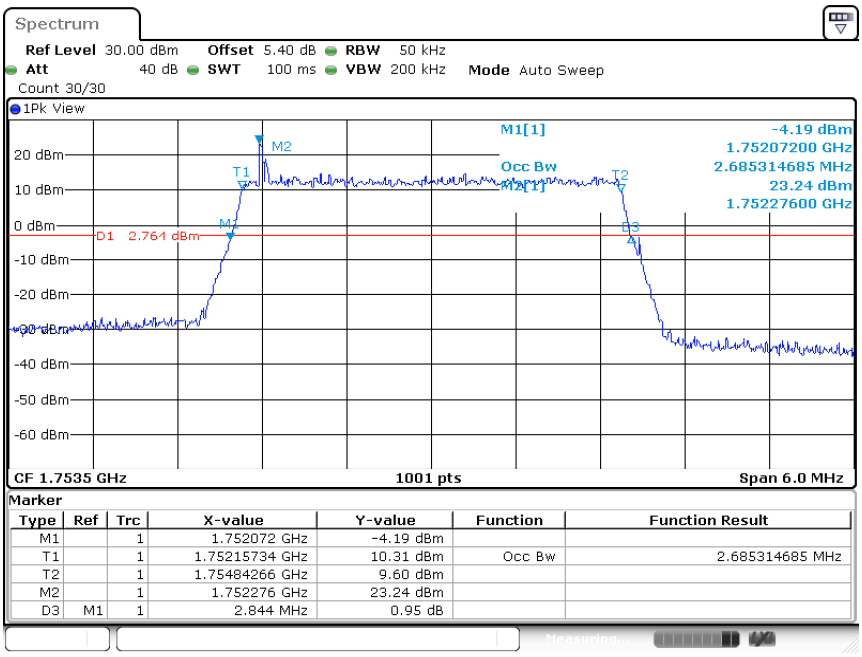

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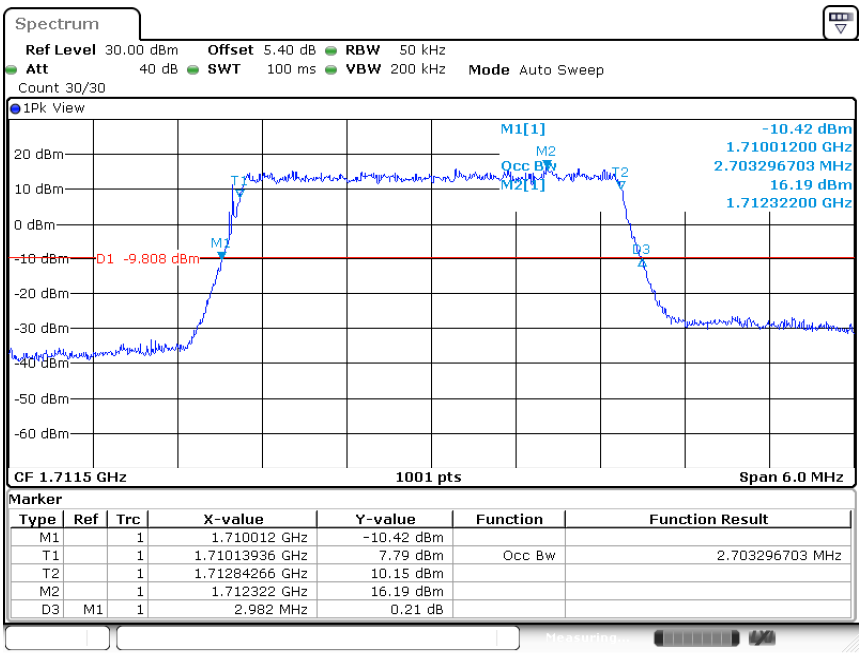
Band4-3MHz-16QAM-19965-15RB#0-2.703



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Band4-3MHz-16QAM-20175-15RB#0-2.685

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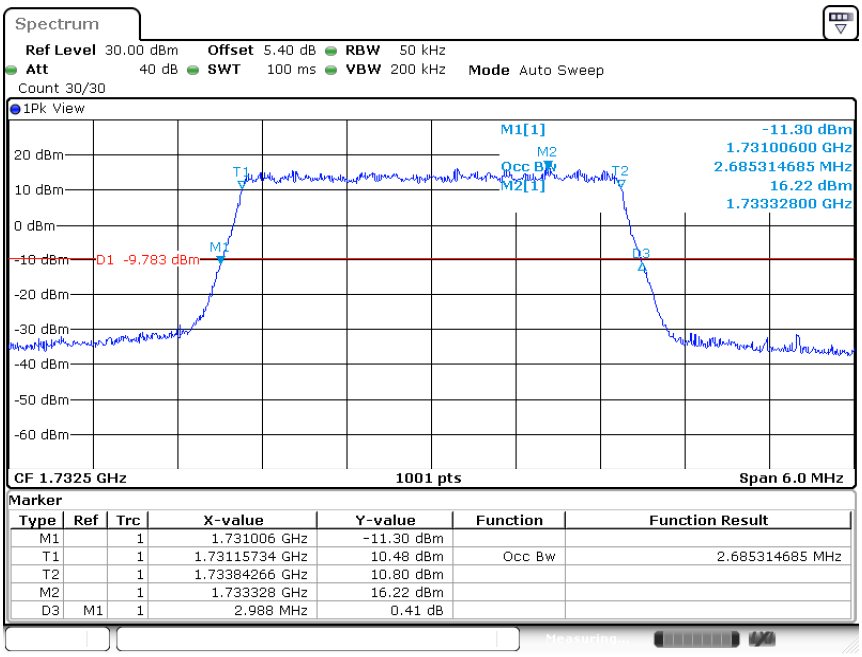

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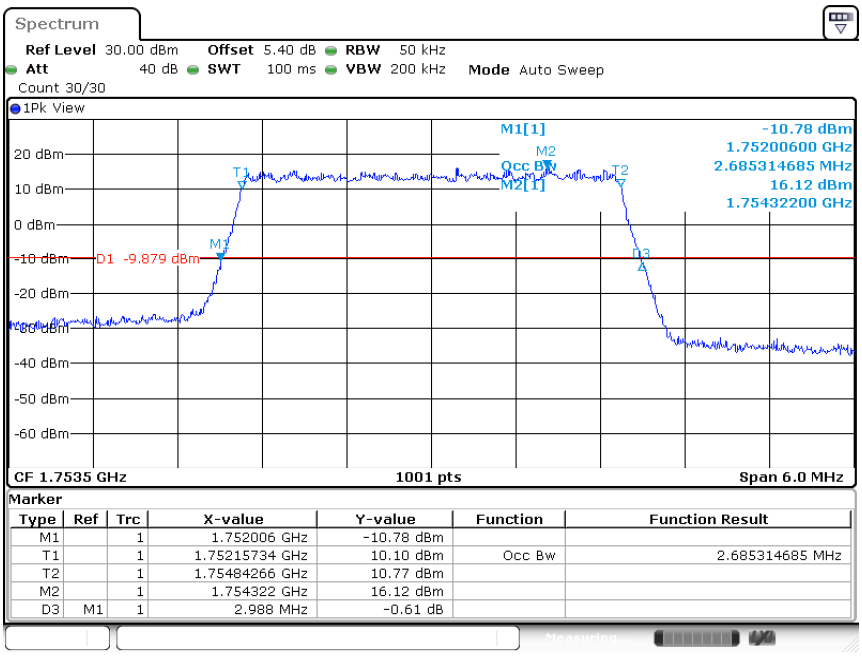
Band4-3MHz-16QAM-20385-15RB#0-2.685



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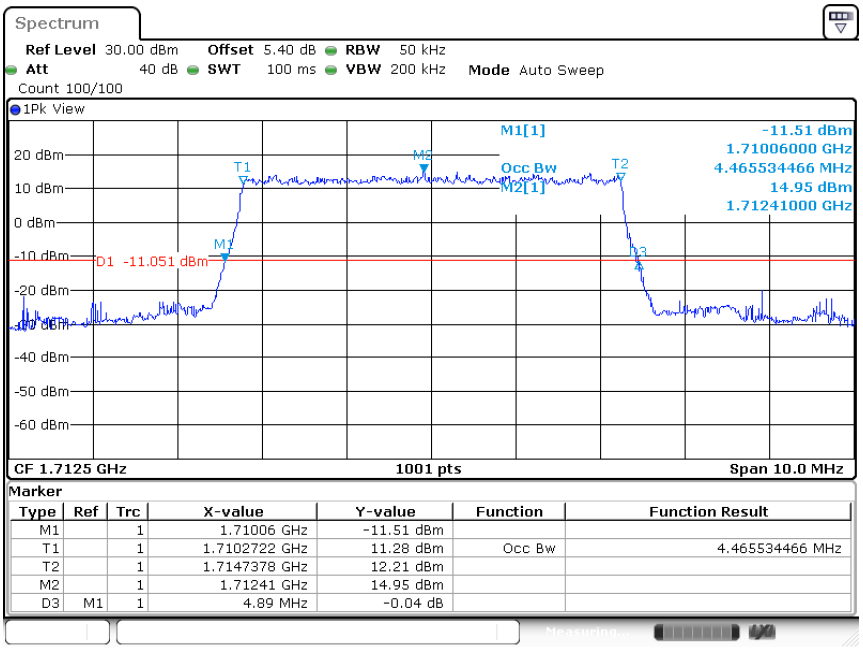
Band4-5MHz-QPSK-19975-25RB#0-4.466

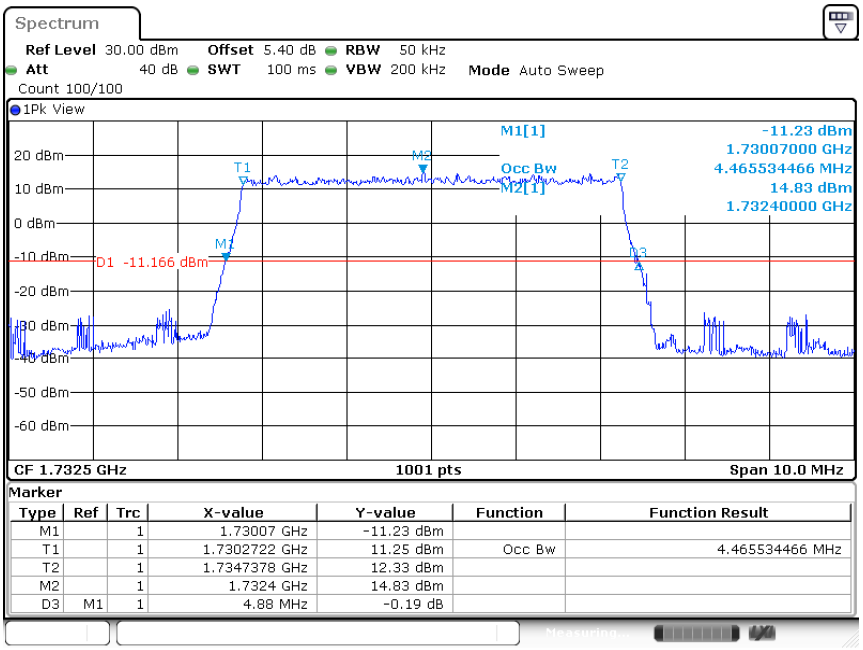


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71006 GHz	-11.51 dBm		
T1		1	1.7102722 GHz	11.28 dBm	Occ Bw	4.465534466 MHz
T2		1	1.7147378 GHz	12.21 dBm		
M2		1	1.71241 GHz	14.95 dBm		
D3	M1	1	4.89 MHz	-0.04 dB		

Date: 8.DEC.2020 19:34:25

Band4-5MHz-QPSK-20175-25RB#0-4.466



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73007 GHz	-11.23 dBm		
T1		1	1.7302722 GHz	11.25 dBm	Occ Bw	4.465534466 MHz
T2		1	1.7347378 GHz	12.33 dBm		
M2		1	1.7324 GHz	14.83 dBm		
D3	M1	1	4.88 MHz	-0.19 dB		

Date: 8.DEC.2020 19:35:05

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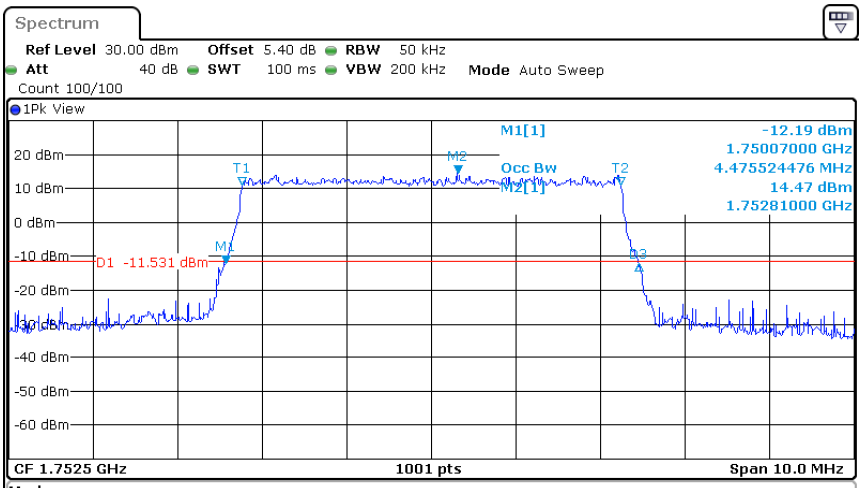
Band4-5MHz-QPSK-20375-25RB#0-4.476



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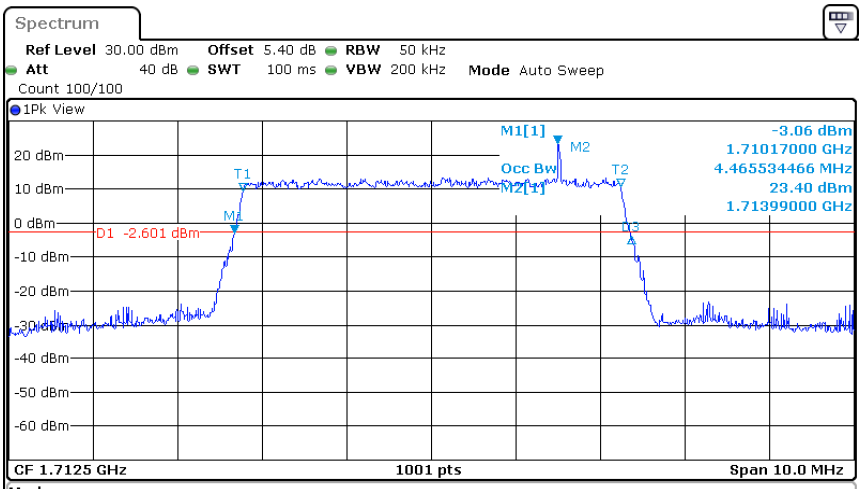
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.75007 GHz	-12.19 dBm		
T1		1	1.7502622 GHz	10.93 dBm	Occ Bw	4.475524476 MHz
T2		1	1.7547378 GHz	11.15 dBm		
M2		1	1.75281 GHz	14.47 dBm		
D3	M1	1	4.88 MHz	0.23 dB		

Date: 8.DEC.2020 19:35:45

Band4-5MHz-64QAM-19975-25RB#0-4.466



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71017 GHz	-3.06 dBm		
T1		1	1.7102722 GHz	9.36 dBm	Occ Bw	4.465534466 MHz
T2		1	1.7147378 GHz	10.67 dBm		
M2		1	1.71399 GHz	23.40 dBm		
D3	M1	1	4.69 MHz	-0.66 dB		

Date: 9.DEC.2020 00:04:27

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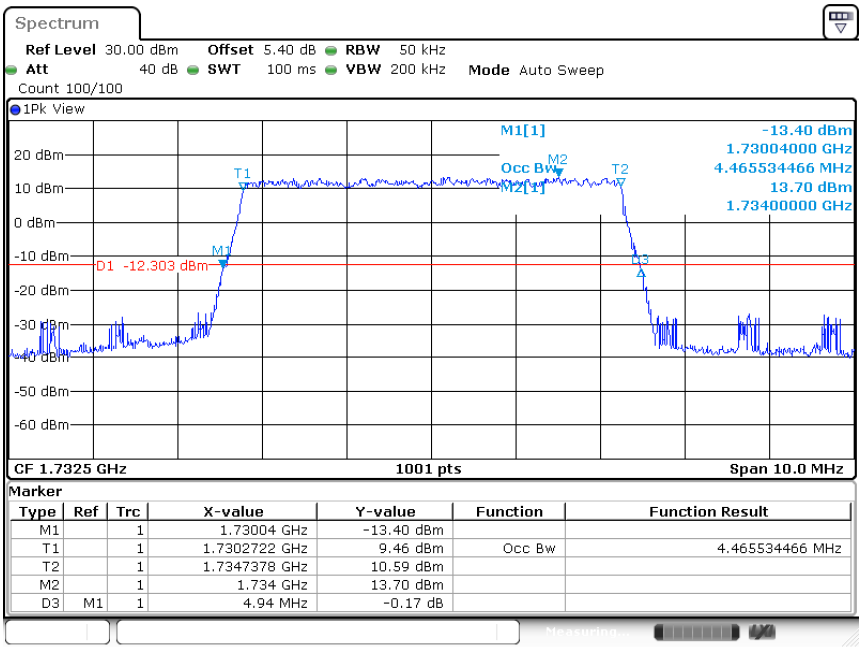

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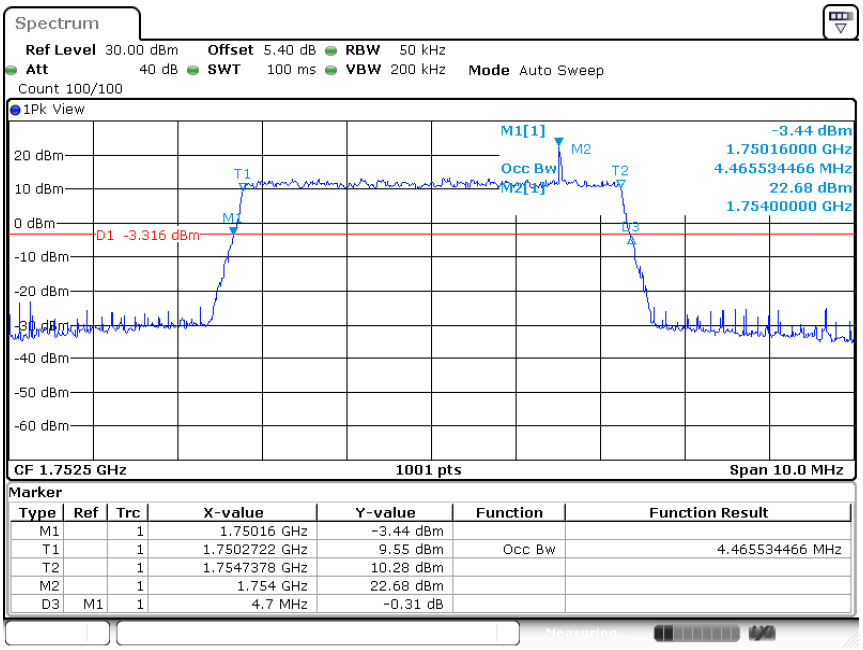
Band4-5MHz-64QAM-20375-25RB#0-4.466



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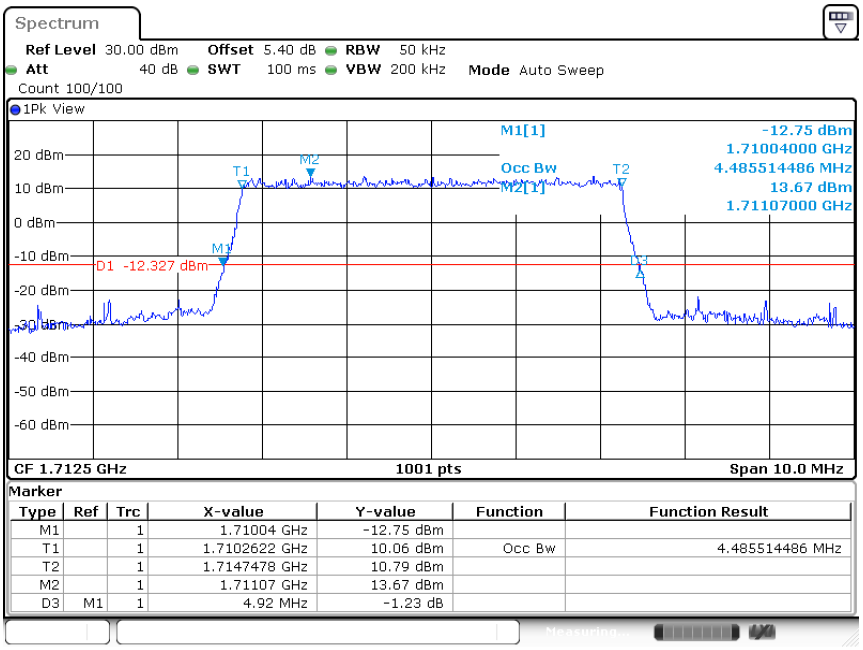
Band4-5MHz-16QAM-19975-25RB#0-4.486

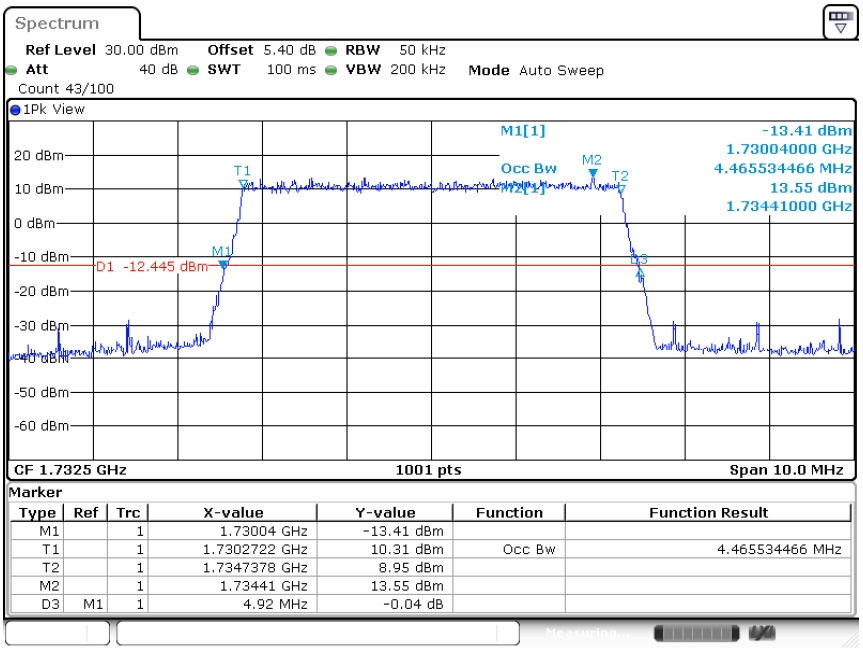


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71004 GHz	-12.75 dBm		
T1		1	1.7102622 GHz	10.06 dBm	Occ Bw	4.485514486 MHz
T2		1	1.7147478 GHz	10.79 dBm		
M2		1	1.71107 GHz	13.67 dBm		
D3	M1	1	4.92 MHz	-1.23 dB		

Date: 8.DEC.2020 19:34:45

Band4-5MHz-16QAM-20175-25RB#0-4.466



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73004 GHz	-13.41 dBm		
T1		1	1.7302722 GHz	10.31 dBm	Occ Bw	4.465534466 MHz
T2		1	1.7347378 GHz	8.95 dBm		
M2		1	1.73441 GHz	13.55 dBm		
D3	M1	1	4.92 MHz	-0.04 dB		

Date: 8.DEC.2020 19:35:25

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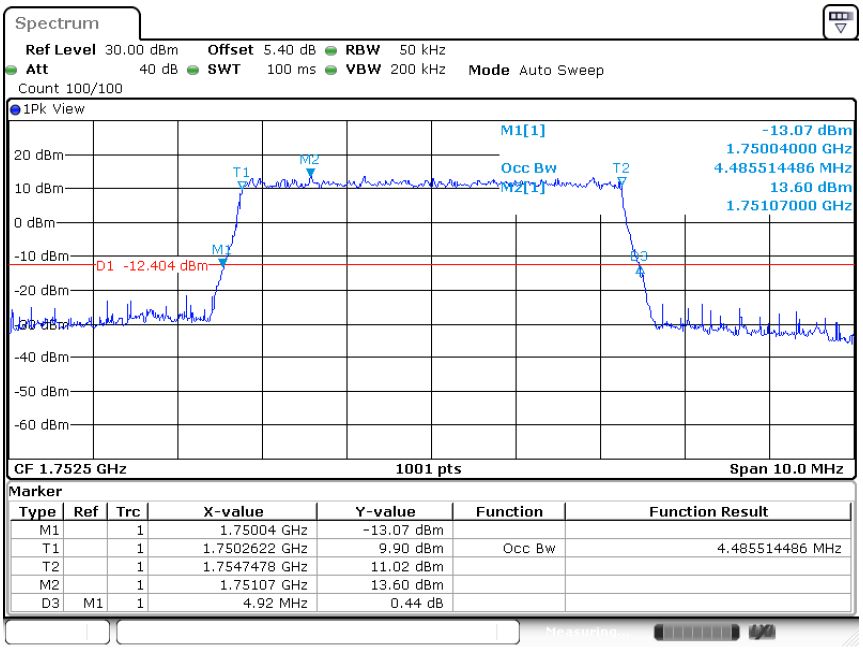
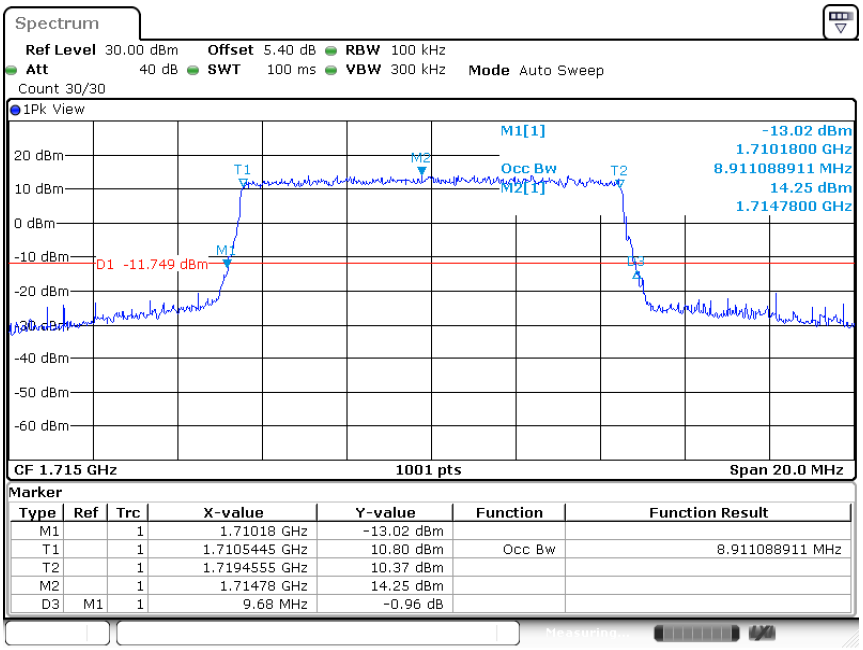
Band4-5MHz-16QAM-20375-25RB#0-4.486



Date: 8.DEC.2020 19:36:04

Band4-10MHz-QPSK-20000-50RB#0-8.911



Date: 8.DEC.2020 19:36:22

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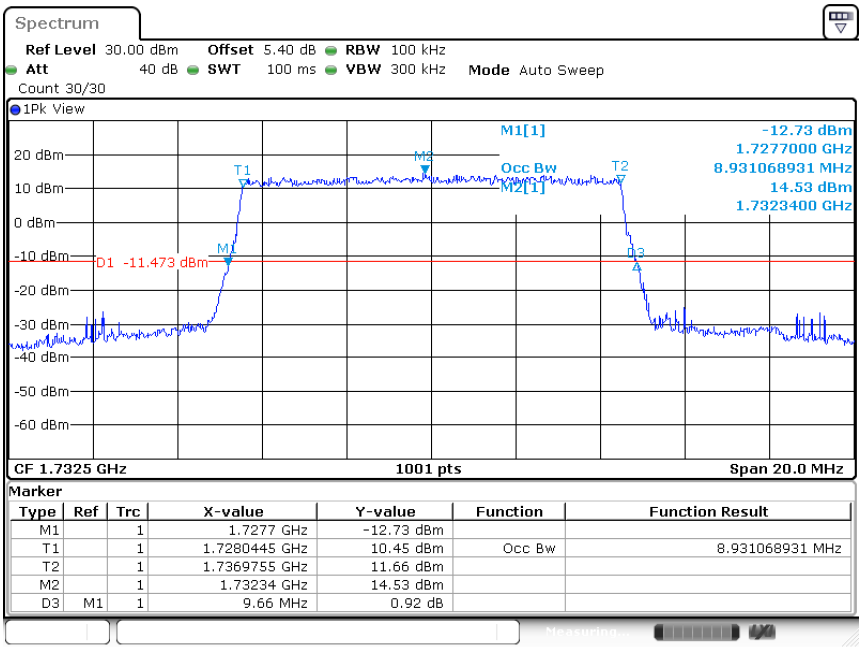
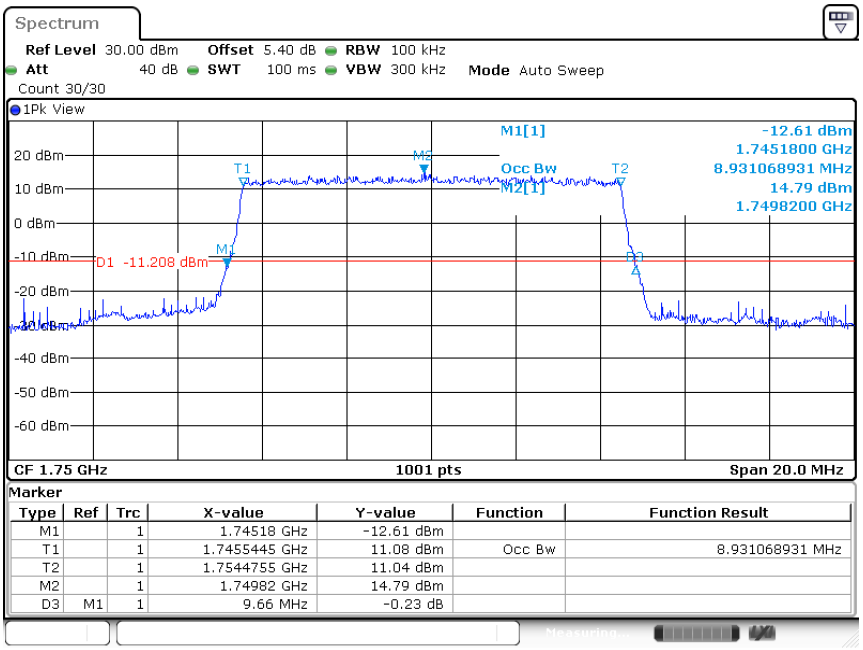
Band4-10MHz-QPSK-20175-50RB#0-8.931



Date: 8.DEC.2020 19:36:47

Band4-10MHz-QPSK-20350-50RB#0-8.931



Date: 8.DEC.2020 19:37:13

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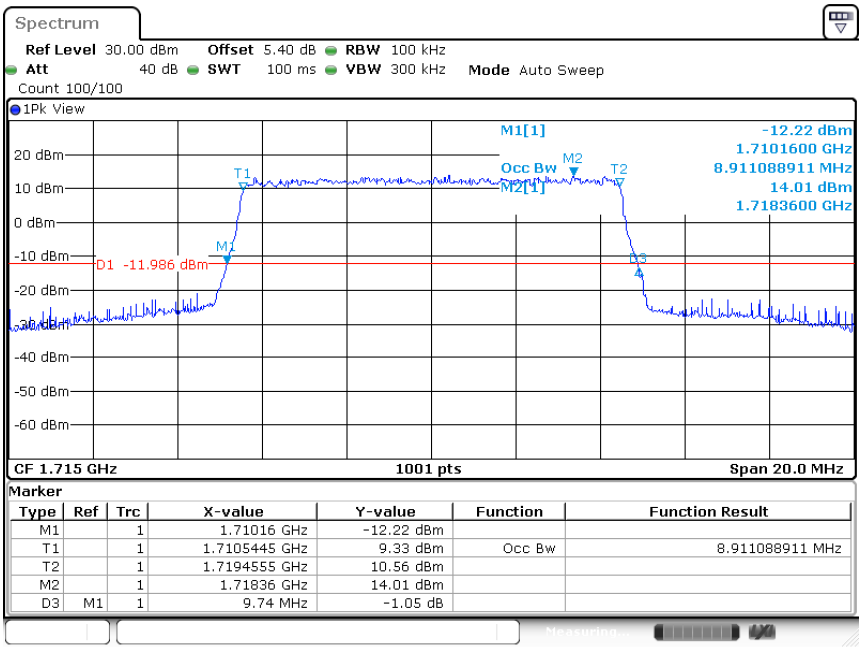
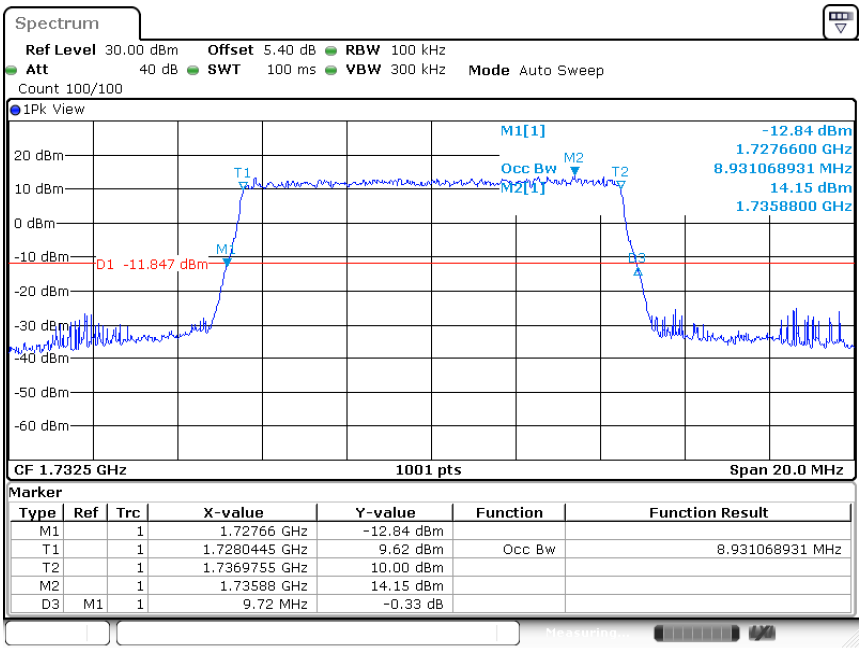
Band4-10MHz-64QAM-20000-50RB#0-8.911



Date: 9.DEC.2020 00:05:32

Band4-10MHz-64QAM-20175-50RB#0-8.931



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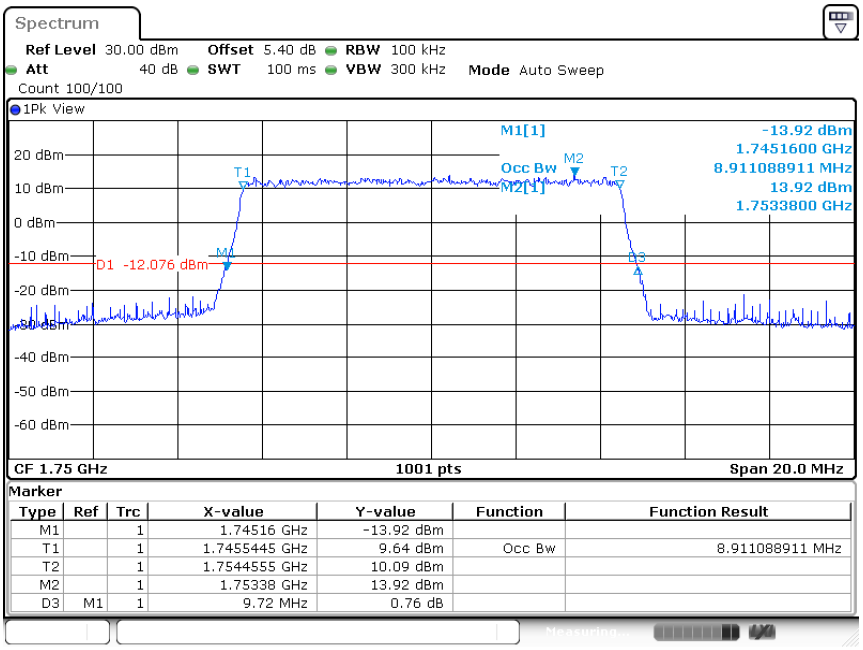

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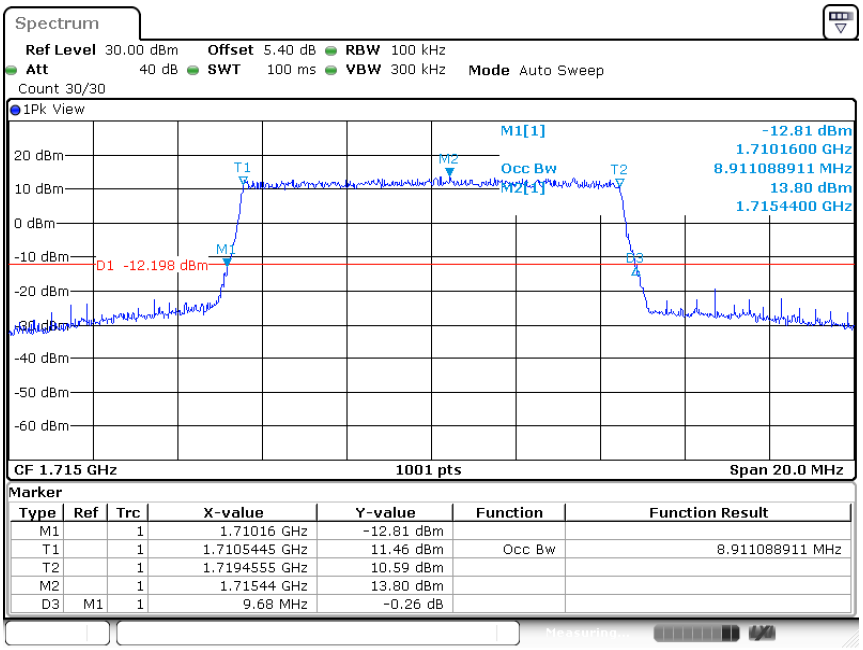
Band4-10MHz-16QAM-20000-50RB#0-8.911



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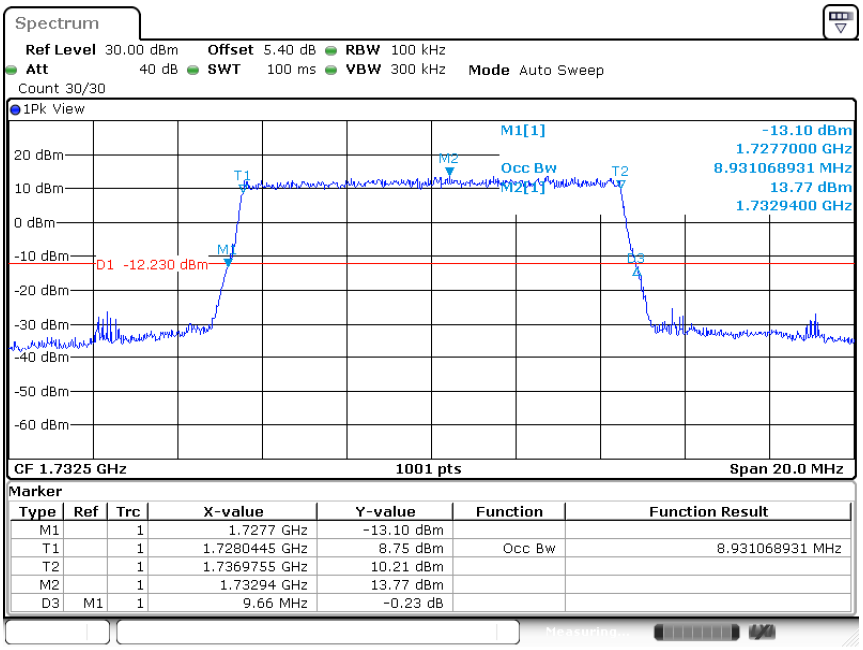
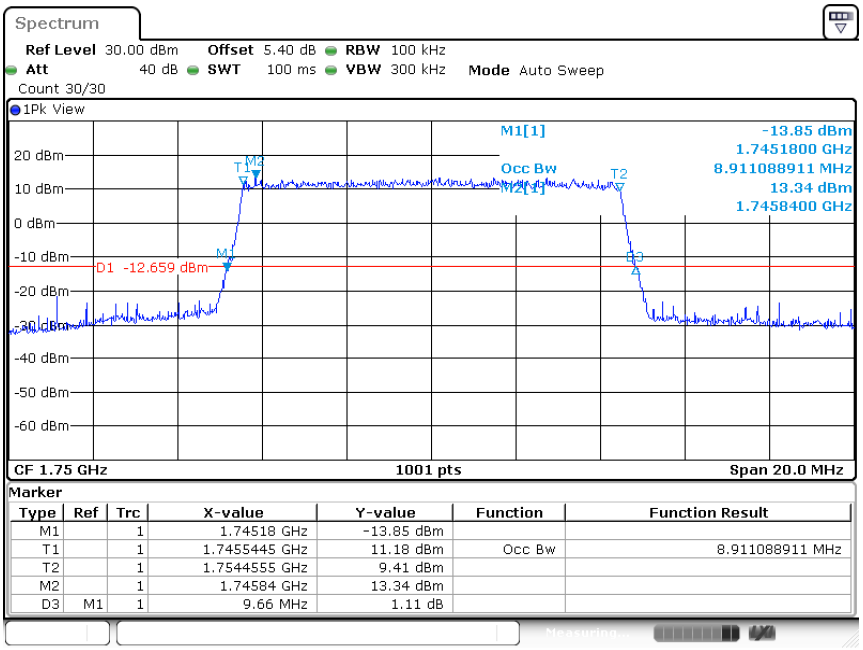
Band4-10MHz-16QAM-20175-50RB#0-8.931



Date: 8.DEC.2020 19:37:00

Band4-10MHz-16QAM-20350-50RB#0-8.911



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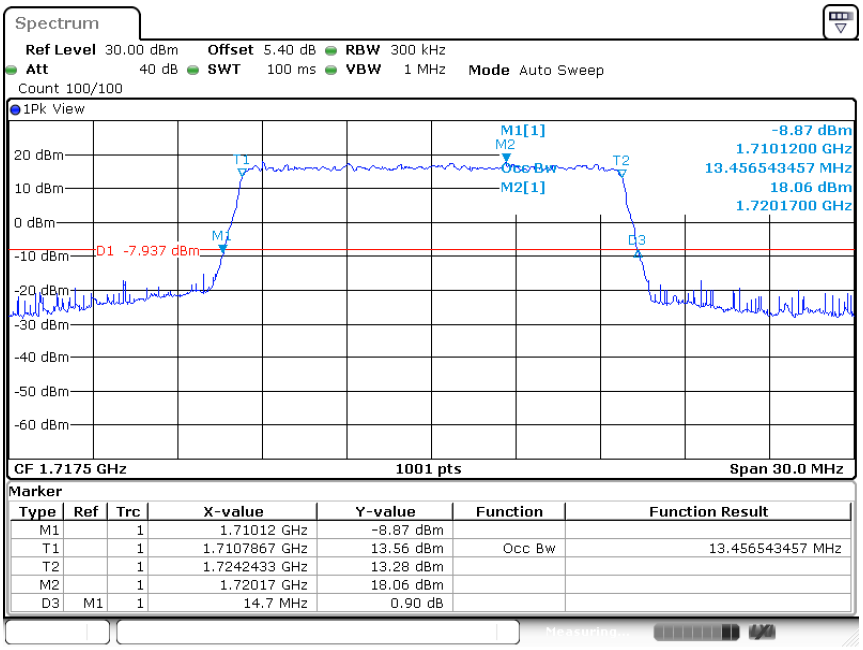
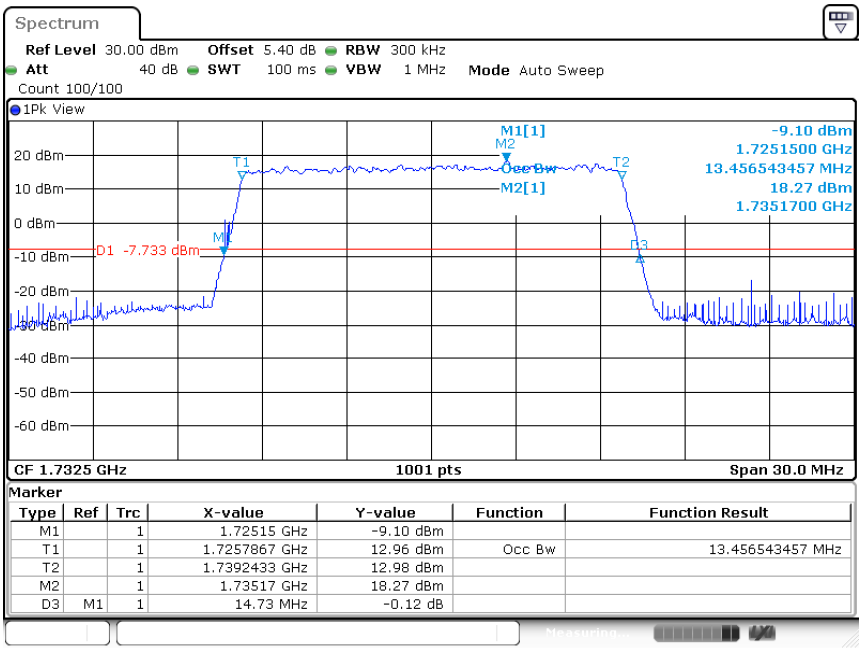
Band4-15MHz-QPSK-20025-75RB#0-13.457



Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71012 GHz	-8.87 dBm		
T1		1	1.7107867 GHz	13.56 dBm	Occ Bw	13.456543457 MHz
T2		1	1.7242433 GHz	13.28 dBm		
M2		1	1.72017 GHz	18.06 dBm		
D3	M1	1	14.7 MHz	0.90 dB		

Date: 8.DEC.2020 19:40:39

Band4-15MHz-QPSK-20175-75RB#0-13.457



Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.72515 GHz	-9.10 dBm		
T1		1	1.7257867 GHz	12.96 dBm	Occ Bw	13.456543457 MHz
T2		1	1.7392433 GHz	12.98 dBm		
M2		1	1.73517 GHz	18.27 dBm		
D3	M1	1	14.73 MHz	-0.12 dB		

Date: 8.DEC.2020 19:41:18

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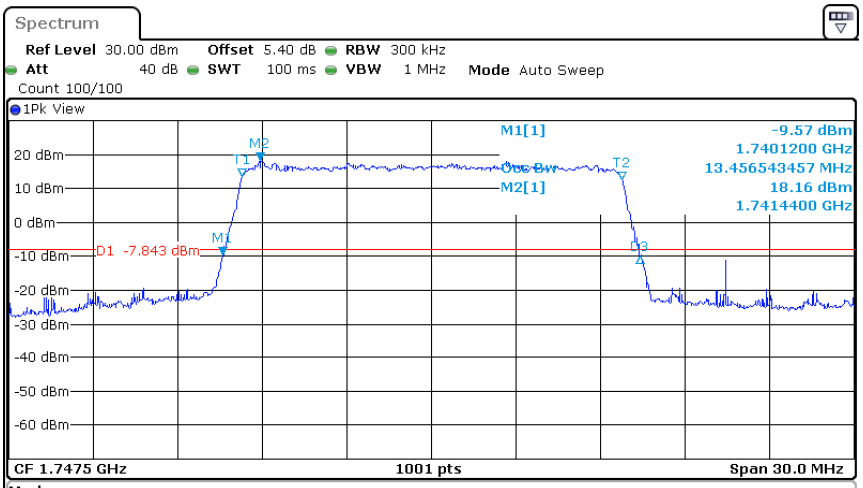
Band4-15MHz-QPSK-20325-75RB#0-13.457



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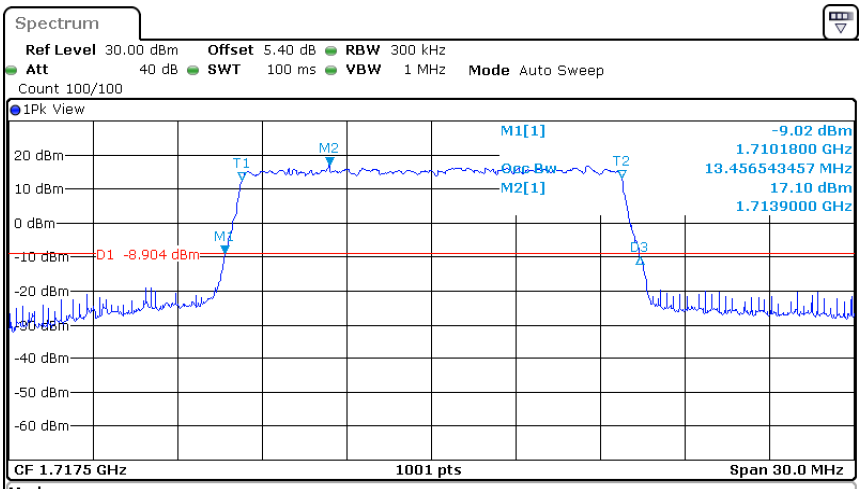
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.74012 GHz	-9.57 dBm		
T1		1	1.7407867 GHz	13.47 dBm	Occ Bw	13.456543457 MHz
T2		1	1.7542433 GHz	12.63 dBm		
M2		1	1.74144 GHz	18.16 dBm		
D3	M1	1	14.79 MHz	-0.39 dB		

Date: 8.DEC.2020 19:41:58

Band4-15MHz-64QAM-20025-75RB#0-13.457



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71018 GHz	-9.02 dBm		
T1		1	1.7107867 GHz	12.53 dBm	Occ Bw	13.456543457 MHz
T2		1	1.7242433 GHz	13.07 dBm		
M2		1	1.7139 GHz	17.10 dBm		
D3	M1	1	14.73 MHz	-0.93 dB		

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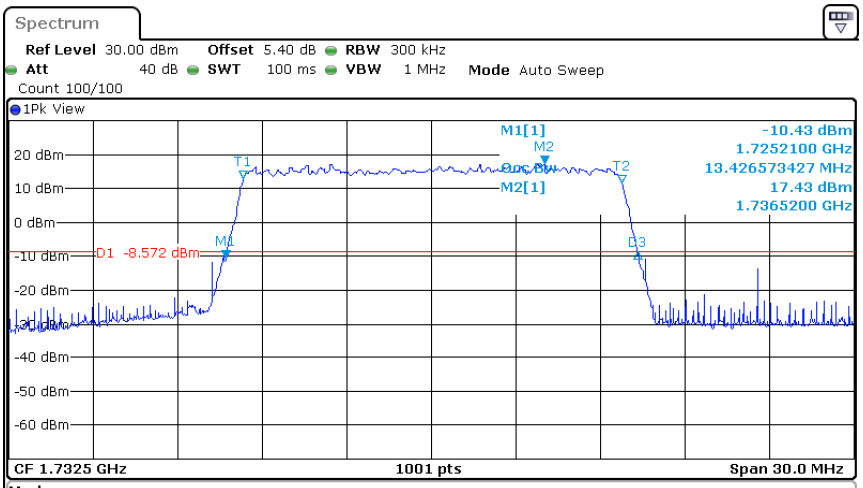
Band4-15MHz-64QAM-20175-75RB#0-13.427



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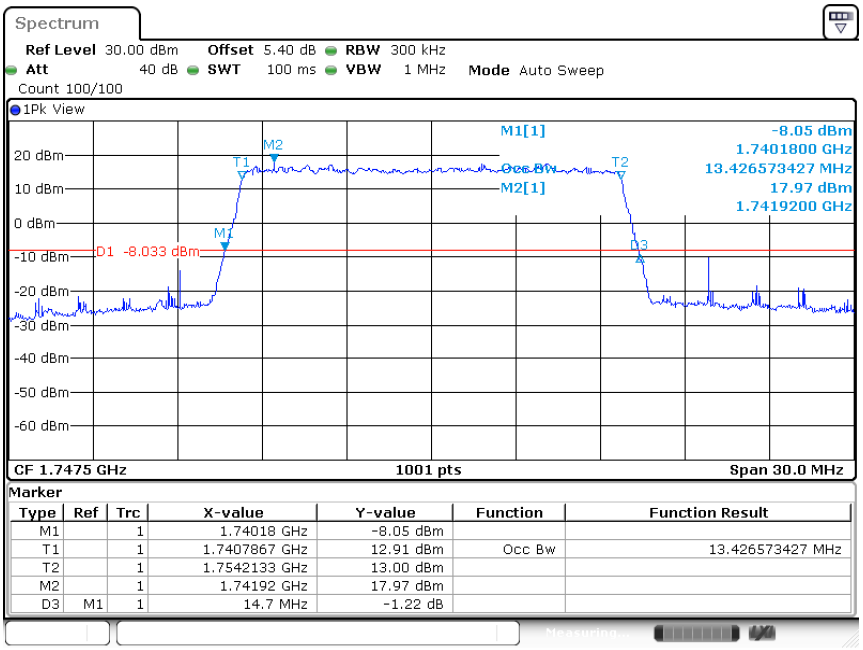
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.72521 GHz	-10.43 dBm		
T1		1	1.7258167 GHz	13.04 dBm	Occ Bw	13.426573427 MHz
T2		1	1.7392433 GHz	11.73 dBm		
M2		1	1.73652 GHz	17.43 dBm		
D3	M1	1	14.61 MHz	1.82 dB		

Date: 9.DEC.2020 00:06:57

Band4-15MHz-64QAM-20325-75RB#0-13.427



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.74018 GHz	-8.05 dBm		
T1		1	1.7407867 GHz	12.91 dBm	Occ Bw	13.426573427 MHz
T2		1	1.7542133 GHz	13.00 dBm		
M2		1	1.74192 GHz	17.97 dBm		
D3	M1	1	14.7 MHz	-1.22 dB		

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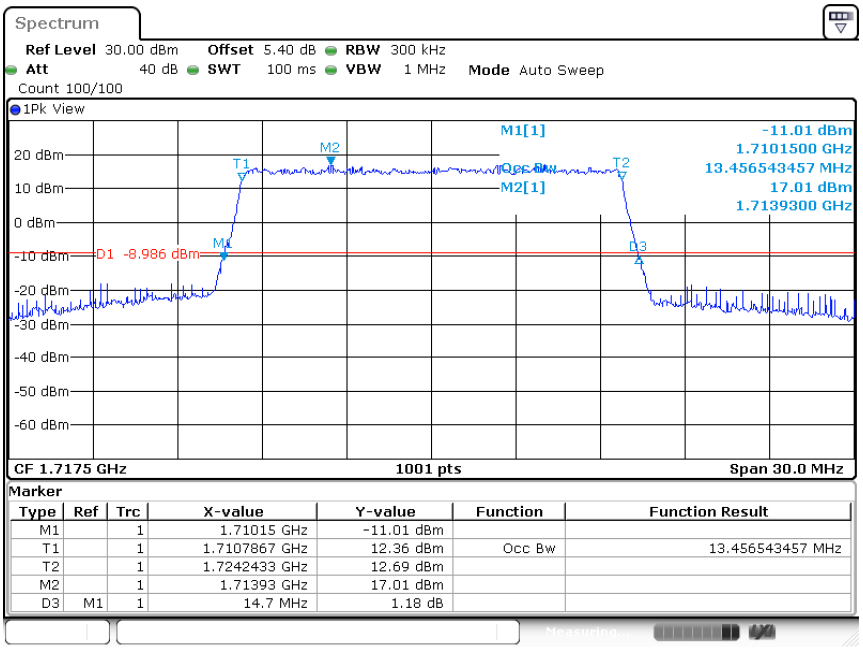
Band4-15MHz-16QAM-20025-75RB#0-13.457



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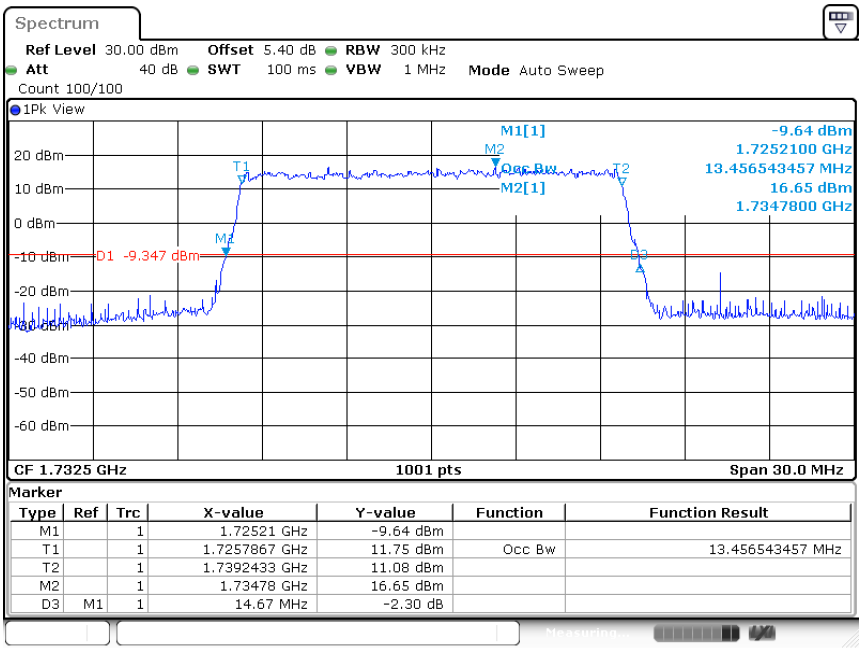
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71015 GHz	-11.01 dBm		
T1		1	1.7107867 GHz	12.36 dBm	Occ Bw	13.456543457 MHz
T2		1	1.7242433 GHz	12.69 dBm		
M2		1	1.71393 GHz	17.01 dBm		
D3	M1	1	14.7 MHz	1.18 dB		

Date: 8.DEC.2020 19:40:58

Band4-15MHz-16QAM-20175-75RB#0-13.457



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.72521 GHz	-9.64 dBm		
T1		1	1.7257867 GHz	11.75 dBm	Occ Bw	13.456543457 MHz
T2		1	1.7392433 GHz	11.08 dBm		
M2		1	1.73478 GHz	16.65 dBm		
D3	M1	1	14.67 MHz	-2.30 dB		

Date: 8.DEC.2020 19:41:38

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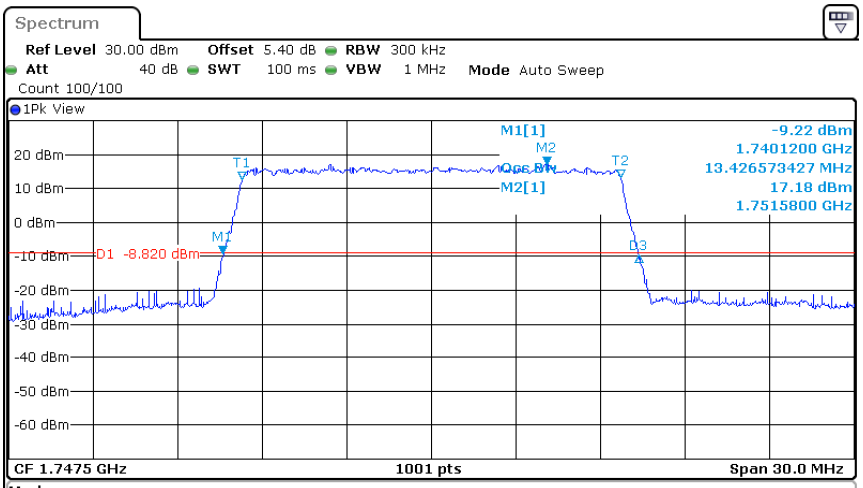
Band4-15MHz-16QAM-20325-75RB#0-13.427



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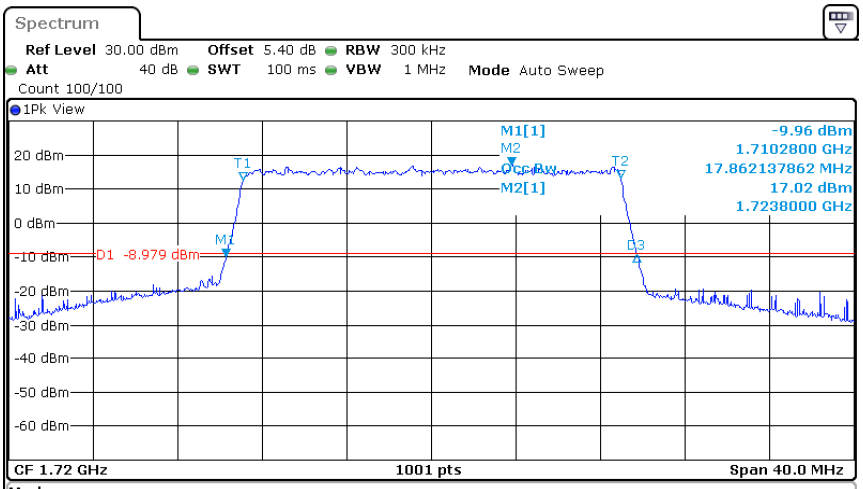
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.74012 GHz	-9.22 dBm		
T1		1	1.7407867 GHz	12.59 dBm	Occ Bw	13.426573427 MHz
T2		1	1.7542133 GHz	13.19 dBm		
M2		1	1.75158 GHz	17.18 dBm		
D3	M1	1	14.73 MHz	-0.31 dB		

Date: 8.DEC.2020 19:42:17

Band4-20MHz-QPSK-20050-100RB#0-17.862



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71028 GHz	-9.96 dBm		
T1		1	1.7110889 GHz	12.54 dBm	Occ Bw	17.862137862 MHz
T2		1	1.728951 GHz	13.32 dBm		
M2		1	1.7238 GHz	17.02 dBm		
D3	M1	1	19.44 MHz	0.70 dB		

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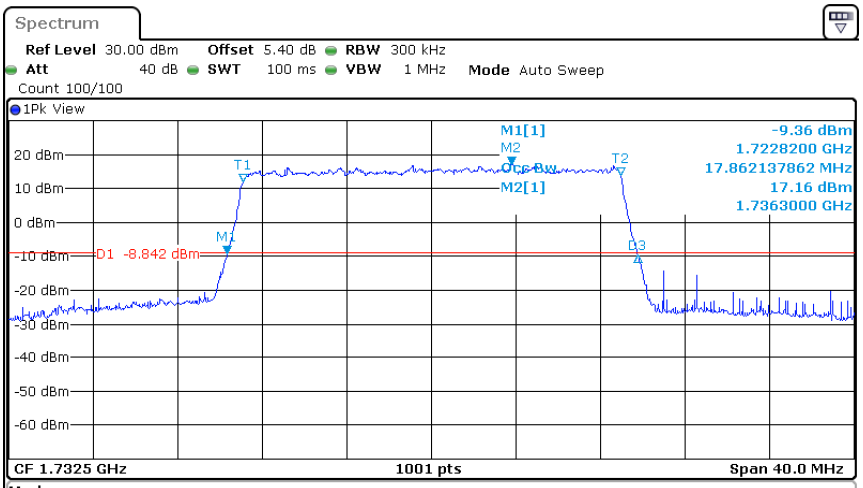
Band4-20MHz-QPSK-20175-100RB#0-17.862

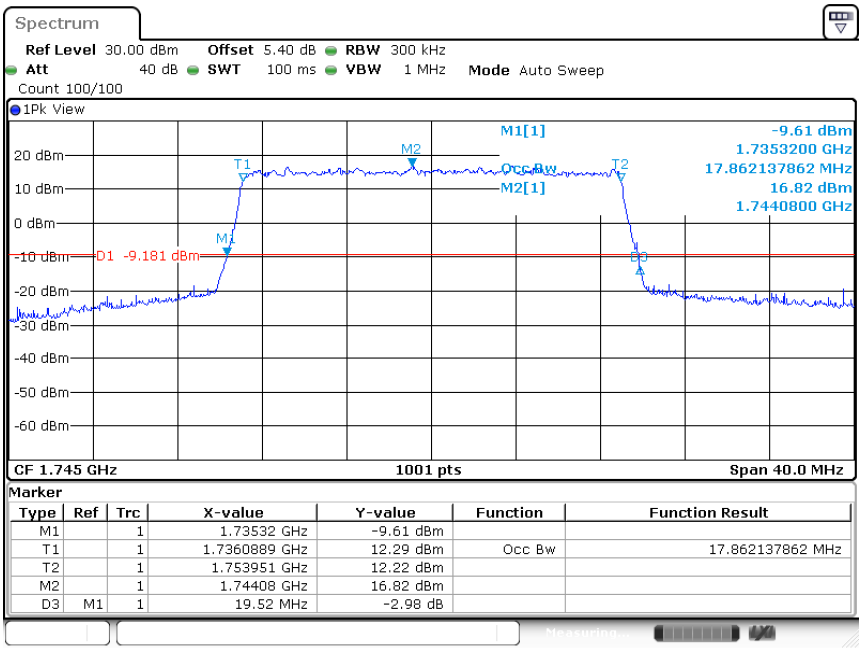


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.72282 GHz	-9.36 dBm		
T1		1	1.7235889 GHz	11.94 dBm	Occ Bw	17.862137862 MHz
T2		1	1.741451 GHz	13.72 dBm		
M2		1	1.7363 GHz	17.16 dBm		
D3	M1	1	19.44 MHz	-0.16 dB		

Date: 8.DEC.2020 19:43:21

Band4-20MHz-QPSK-20300-100RB#0-17.862



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73532 GHz	-9.61 dBm		
T1		1	1.7360889 GHz	12.29 dBm	Occ Bw	17.862137862 MHz
T2		1	1.753951 GHz	12.22 dBm		
M2		1	1.74408 GHz	16.82 dBm		
D3	M1	1	19.52 MHz	-2.98 dB		

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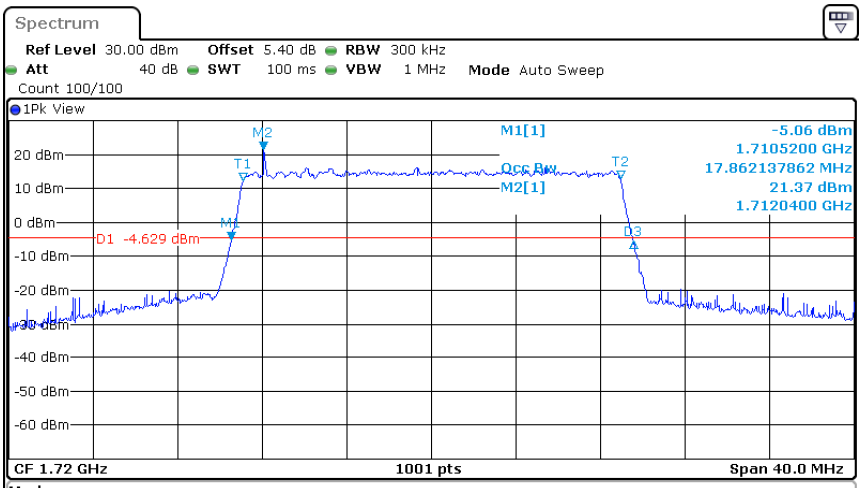
Band4-20MHz-64QAM-20050-100RB#0-17.862



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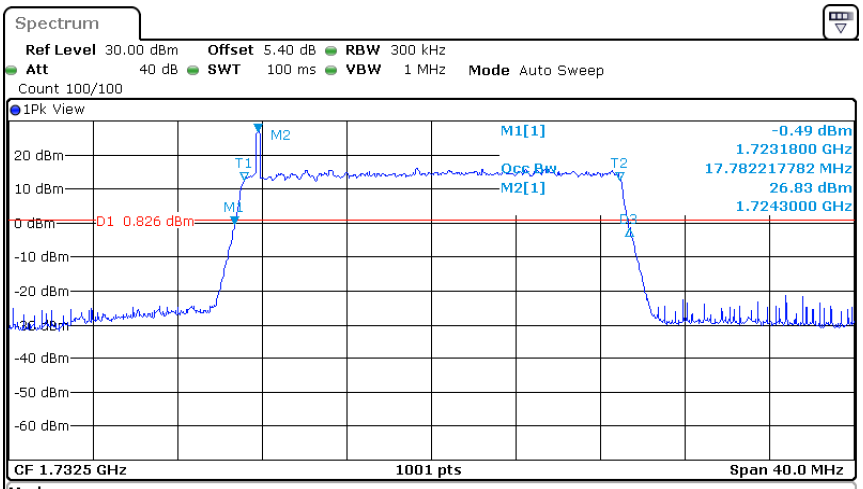
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71052 GHz	-5.06 dBm		
T1		1	1.7110889 GHz	12.30 dBm	Occ Bw	17.862137862 MHz
T2		1	1.728951 GHz	13.01 dBm		
M2		1	1.71204 GHz	21.37 dBm		
D3	M1	1	19.04 MHz	-0.37 dB		

Date: 9.DEC.2020 00:07:42

Band4-20MHz-64QAM-20175-100RB#0-17.782



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.72318 GHz	-0.49 dBm		
T1		1	1.7236289 GHz	12.67 dBm	Occ Bw	17.782217782 MHz
T2		1	1.7414111 GHz	12.70 dBm		
M2		1	1.7243 GHz	26.83 dBm		
D3	M1	1	18.68 MHz	-1.14 dB		

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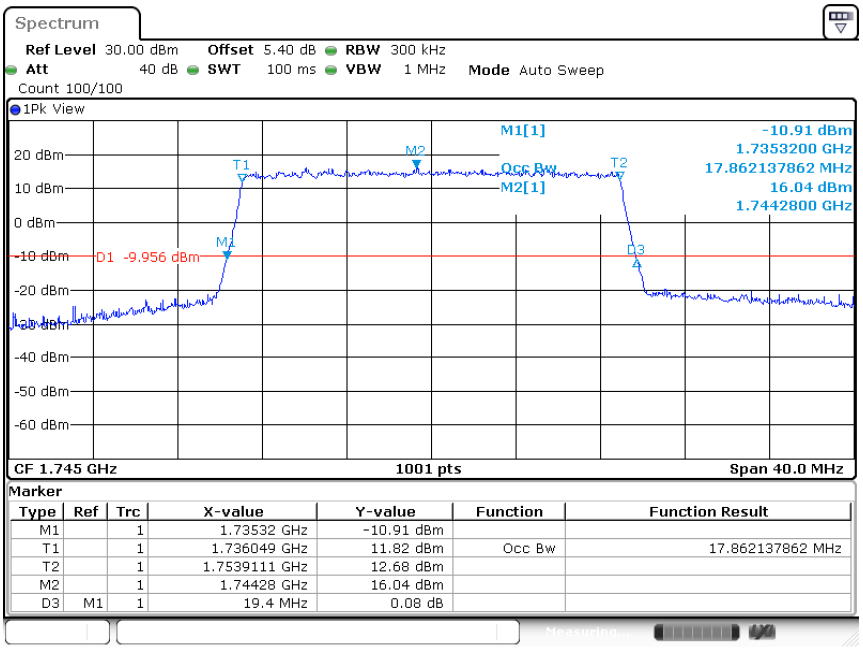
Band4-20MHz-64QAM-20300-100RB#0-17.862



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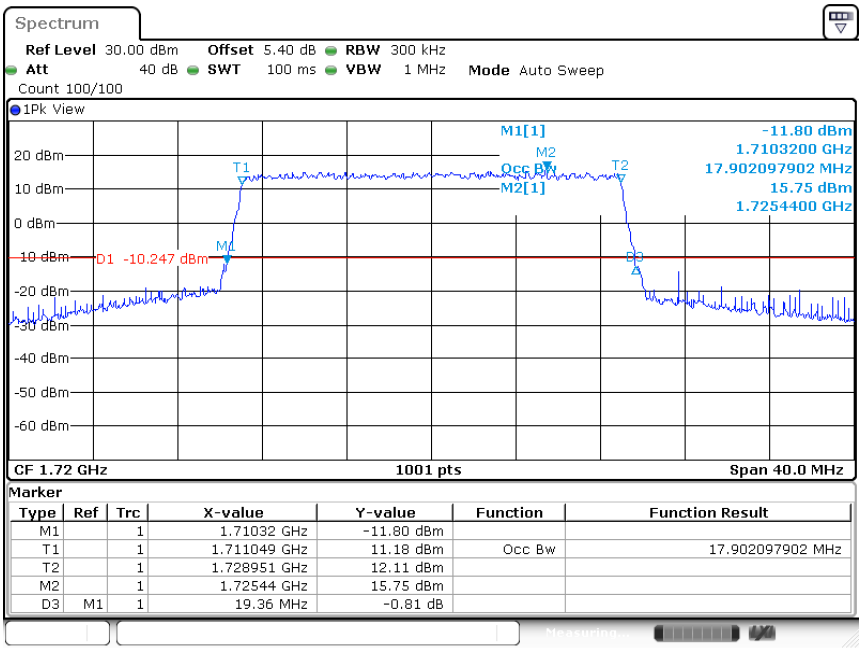
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73532 GHz	-10.91 dBm		
T1		1	1.736049 GHz	11.82 dBm	Occ Bw	17.862137862 MHz
T2		1	1.7539111 GHz	12.68 dBm		
M2		1	1.74428 GHz	16.04 dBm		
D3	M1	1	19.4 MHz	0.08 dB		

Date: 9.DEC.2020 00:08:22

Band4-20MHz-16QAM-20050-100RB#0-17.902



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71032 GHz	-11.80 dBm		
T1		1	1.711049 GHz	11.18 dBm	Occ Bw	17.902097902 MHz
T2		1	1.728951 GHz	12.11 dBm		
M2		1	1.72544 GHz	15.75 dBm		
D3	M1	1	19.36 MHz	-0.81 dB		

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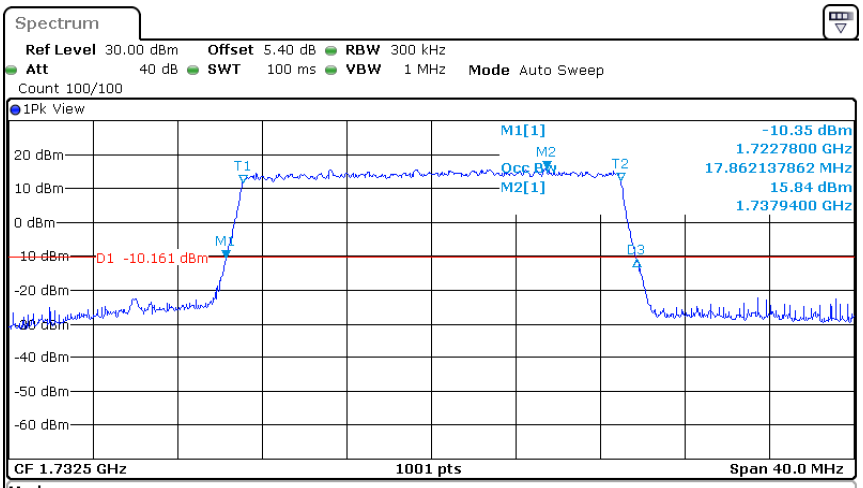

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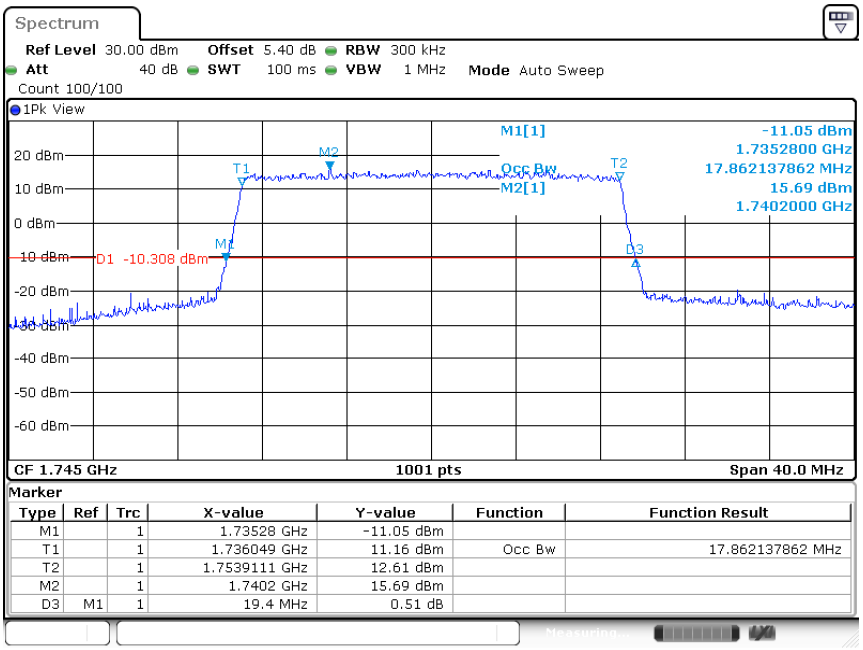
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.72278 GHz	-10.35 dBm		
T1		1	1.7235889 GHz	11.64 dBm	Occ Bw	17.862137862 MHz
T2		1	1.741451 GHz	12.31 dBm		
M2		1	1.73794 GHz	15.84 dBm		
D3	M1	1	19.44 MHz	-0.40 dB		

Date: 8.DEC.2020 19:43:41

Band4-20MHz-16QAM-20300-100RB#0-17.862



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73528 GHz	-11.05 dBm		
T1		1	1.736049 GHz	11.16 dBm	Occ Bw	17.862137862 MHz
T2		1	1.7539111 GHz	12.61 dBm		
M2		1	1.7402 GHz	15.69 dBm		
D3	M1	1	19.4 MHz	0.51 dB		

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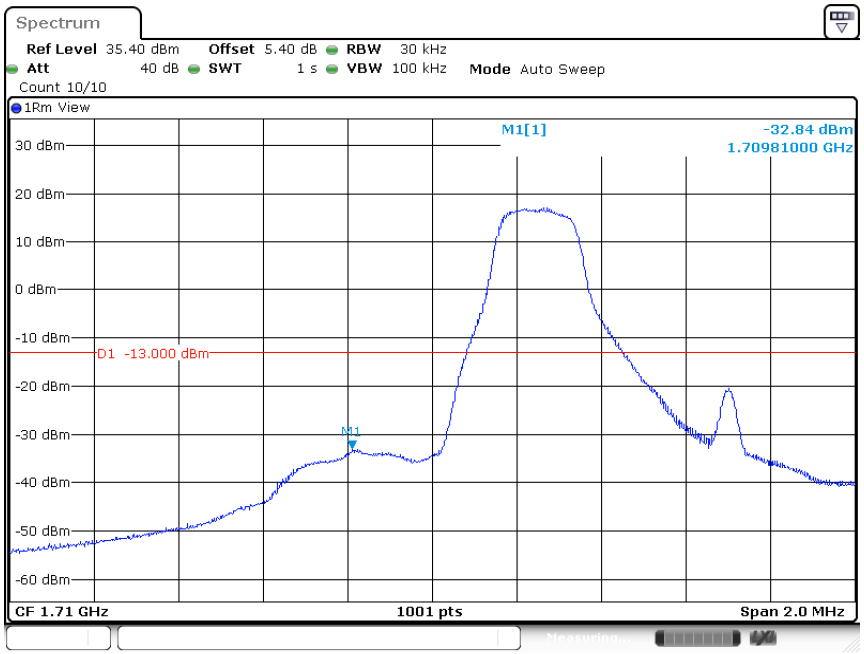
5. Band Edge Compliance

5.1. Test Plots

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


Date: 4.JAN.2021 11:34:29

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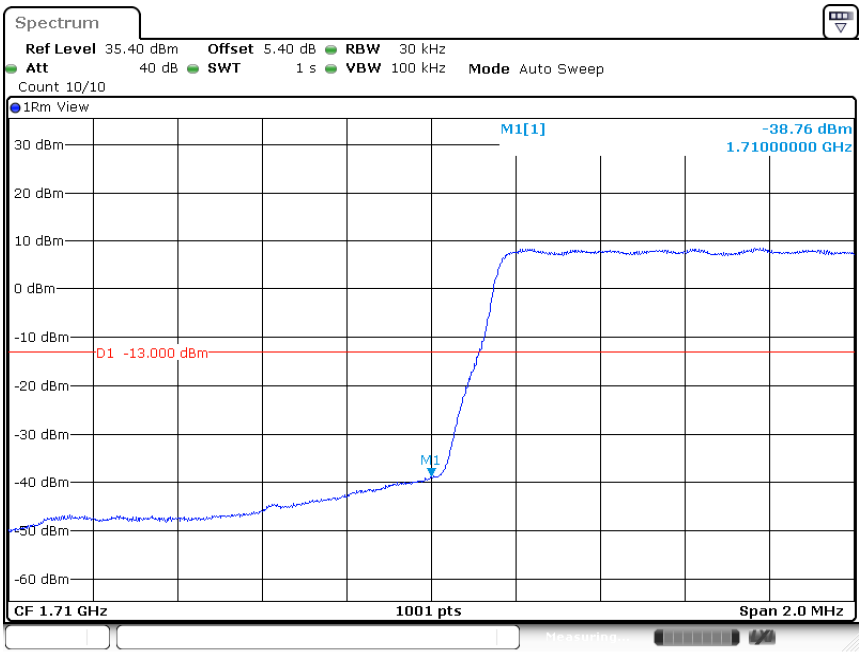
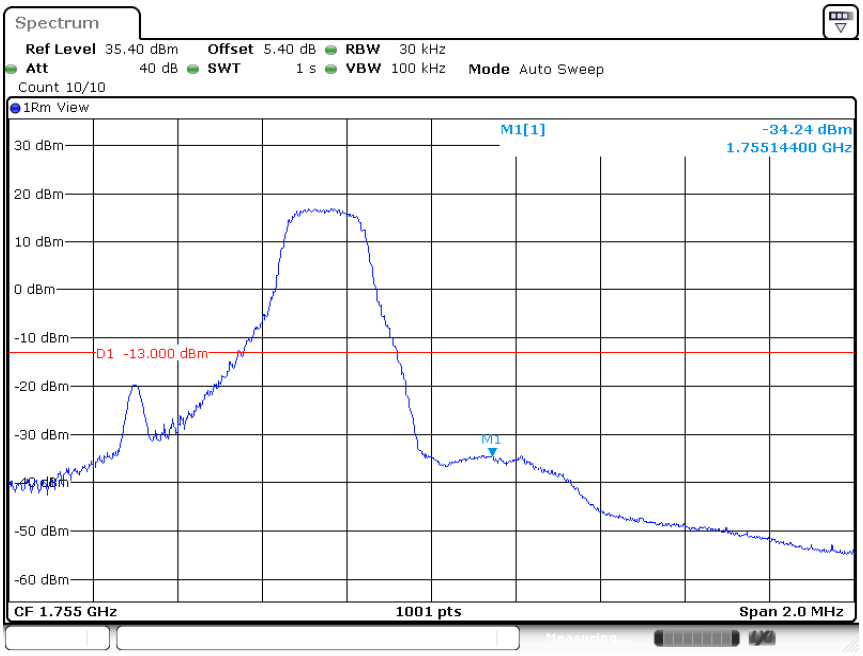
Band4-1.4MHz-QPSK-19957-6RB#0



Date: 4.JAN.2021 11:35:10

Band4-1.4MHz-QPSK-20393-1RB#5



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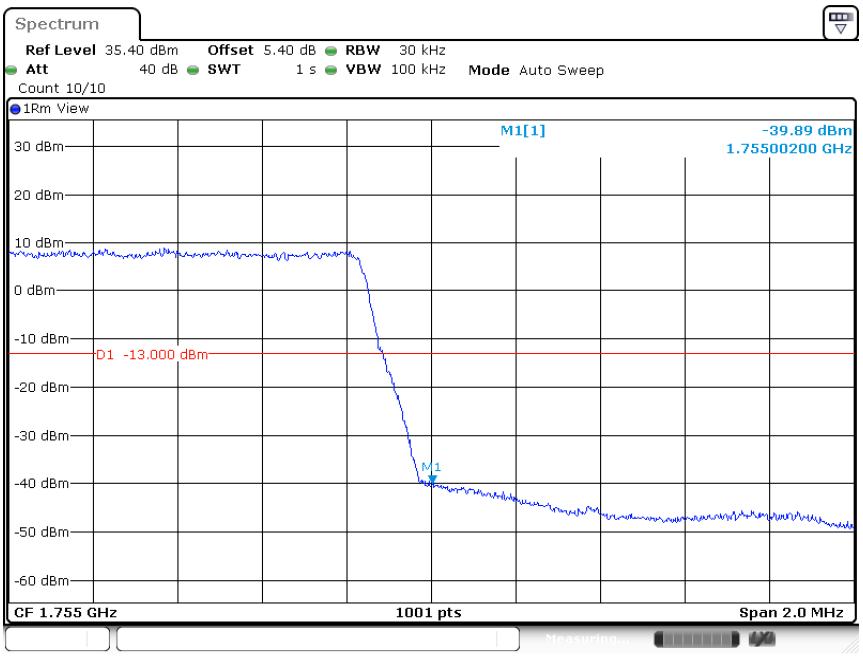

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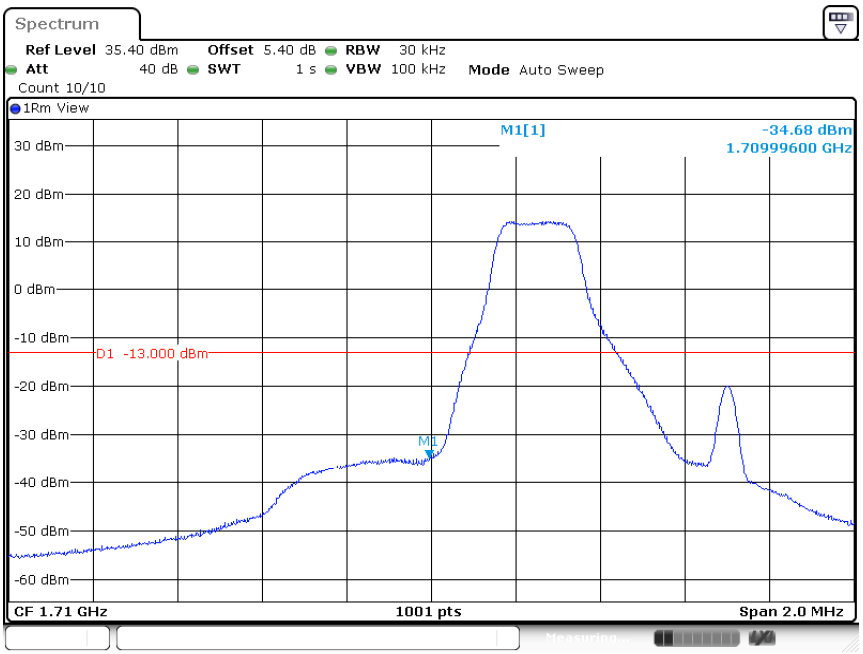
Band4-1.4MHz-64QAM-19957-1RB#0



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

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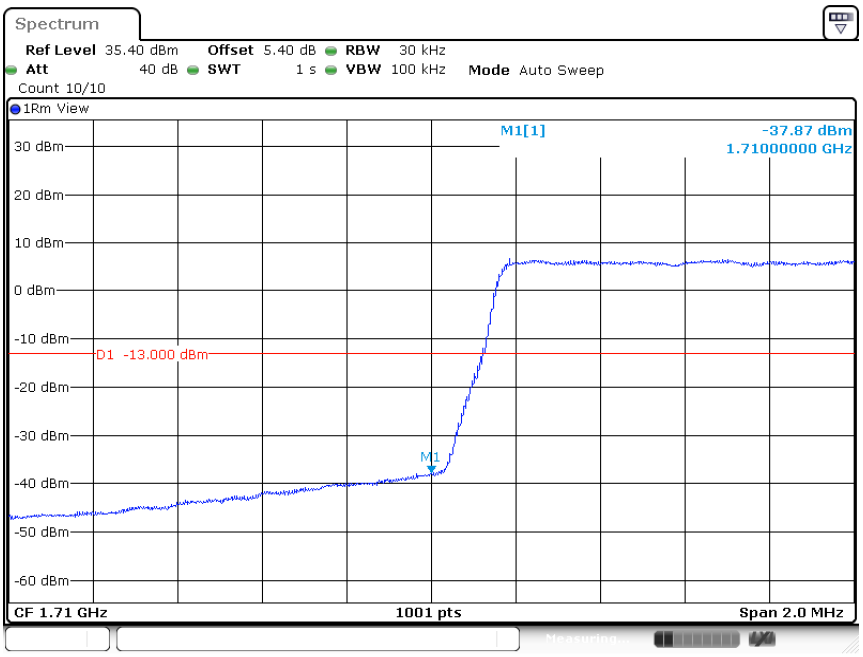

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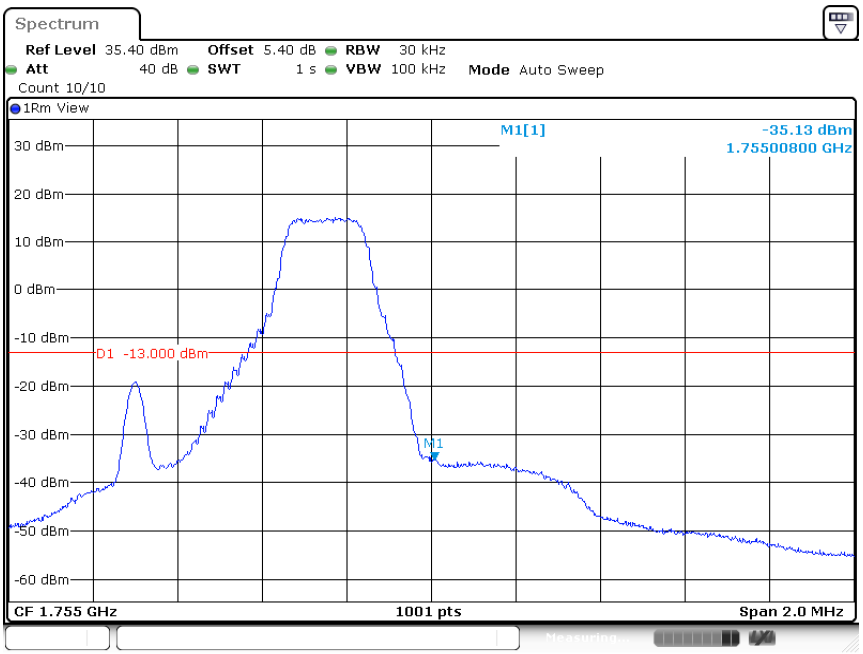

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Band4-1.4MHz-64QAM-20393-6RB#0

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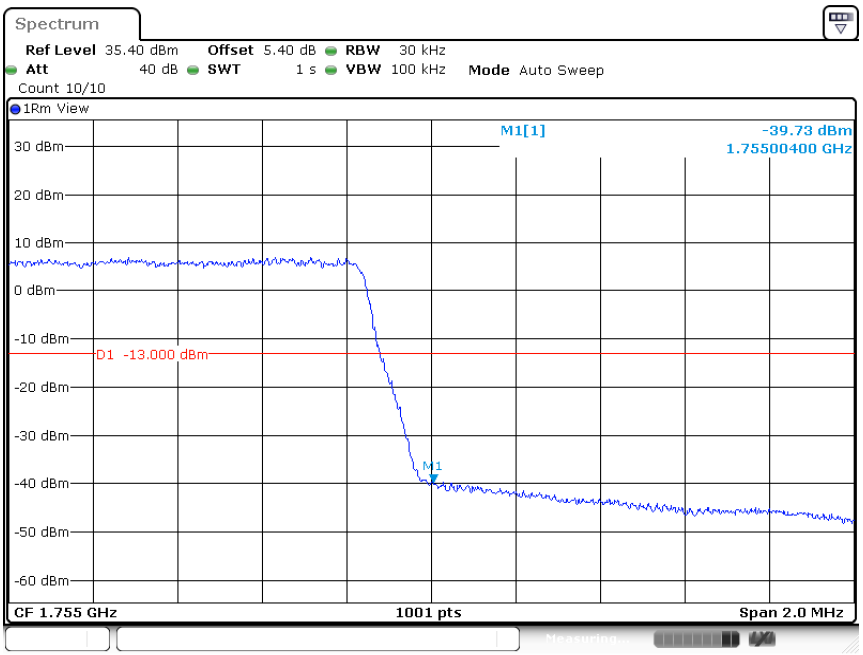

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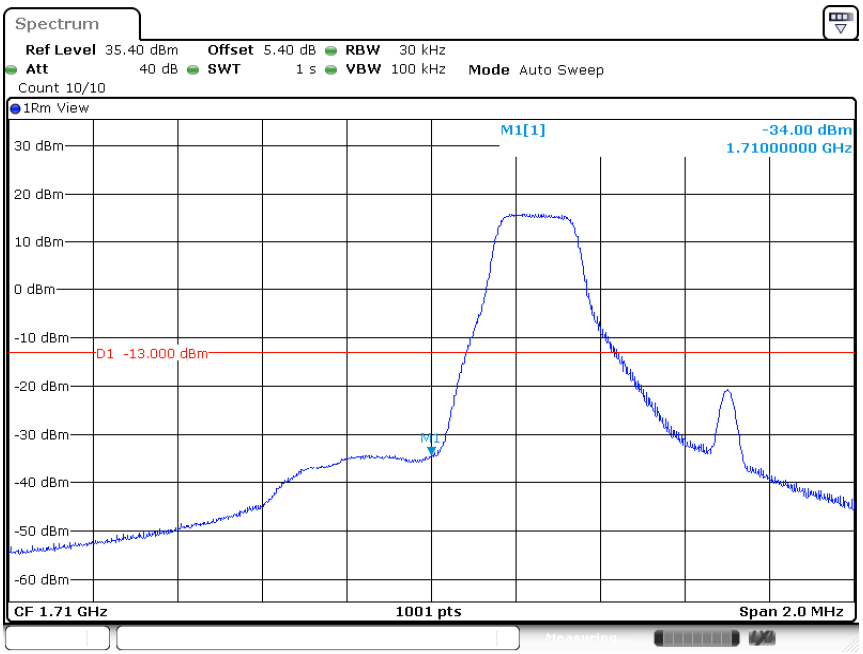

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Band4-1.4MHz-16QAM-19957-6RB#0

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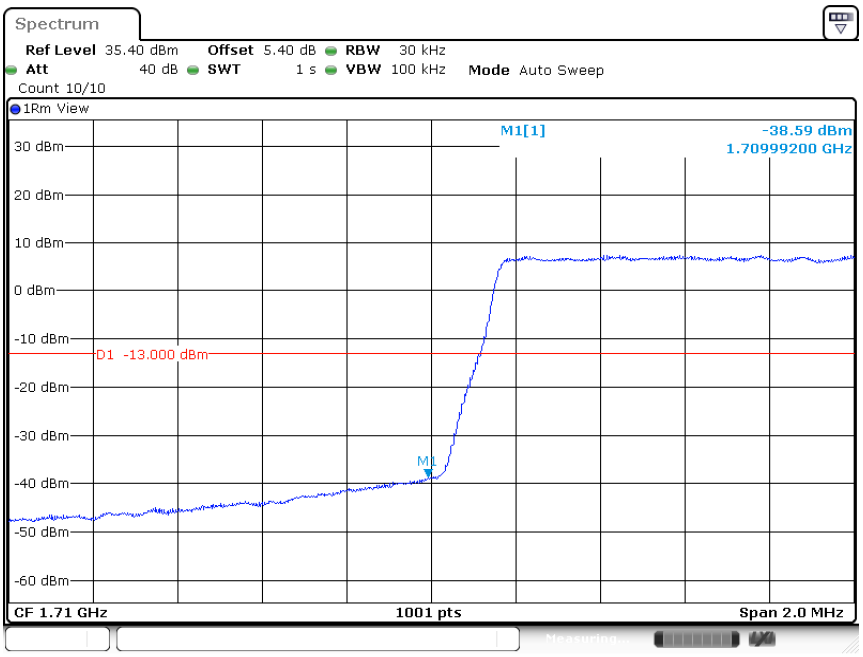

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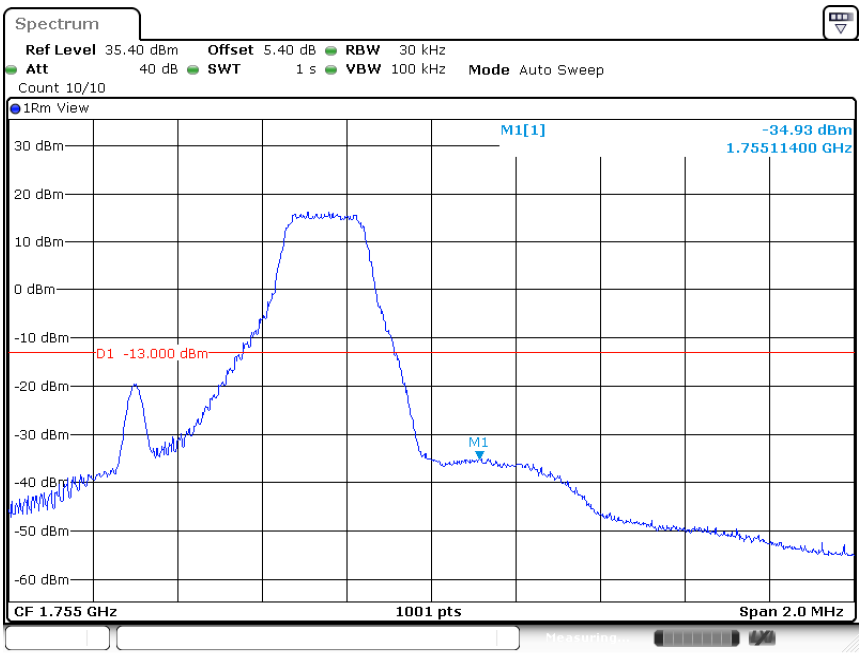

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Band4-1.4MHz-16QAM-20393-6RB#0

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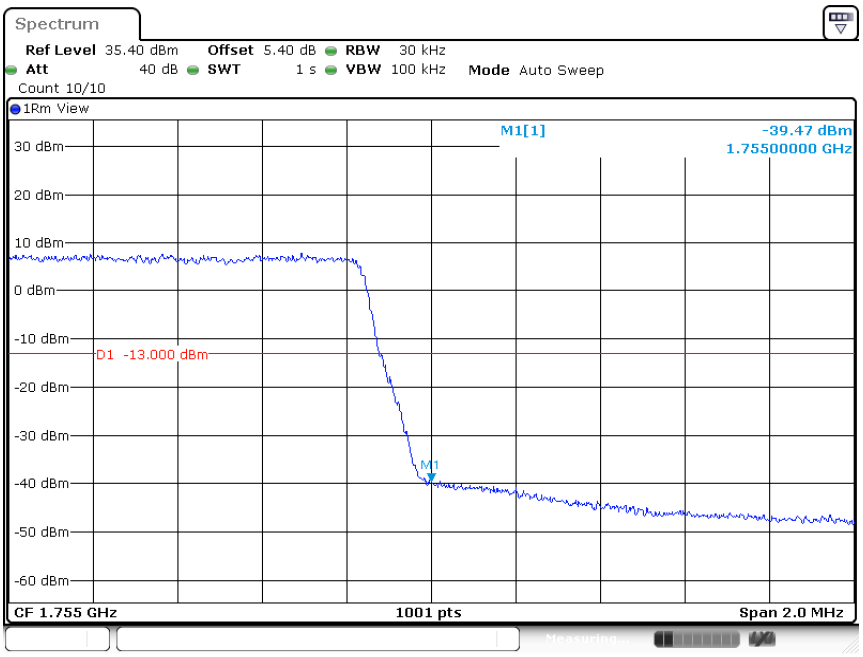

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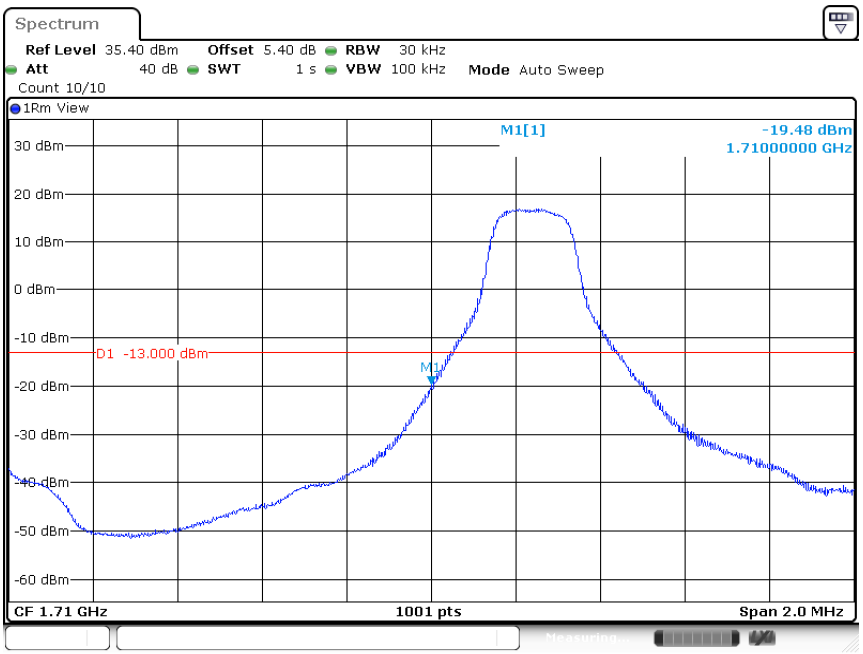
Band4-3MHz-QPSK-19965-1RB#0



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

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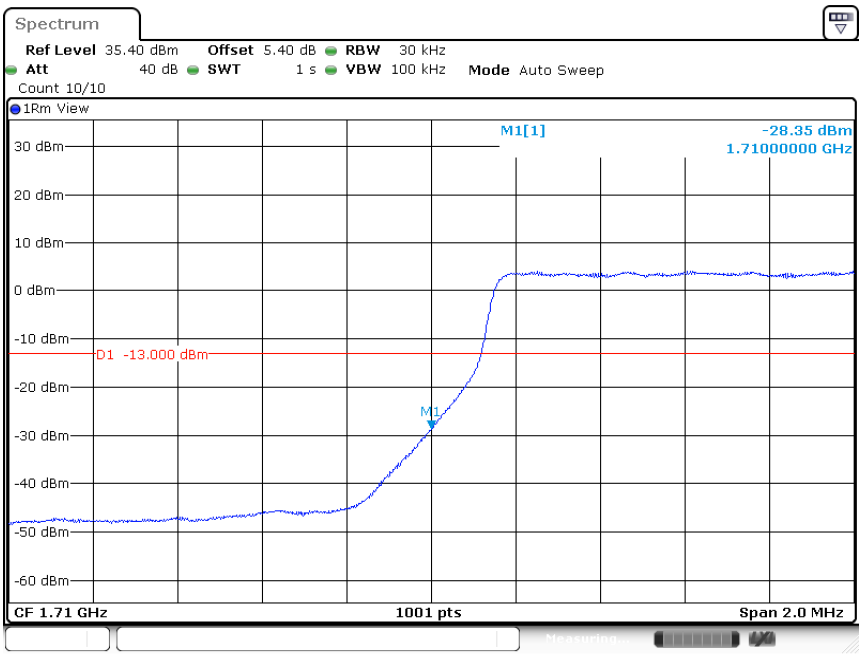

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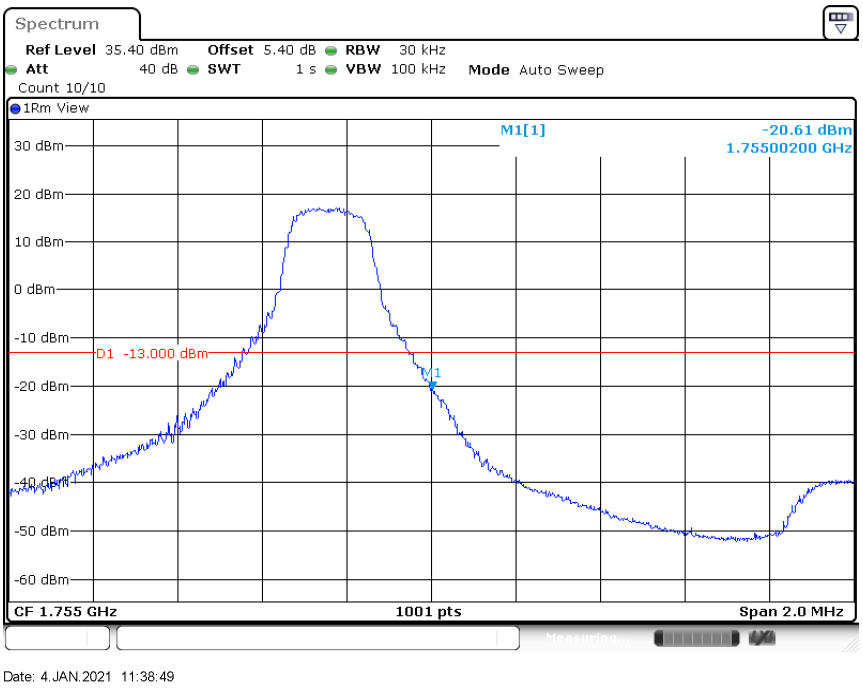

Date: 4.JAN.2021 11:38:49

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

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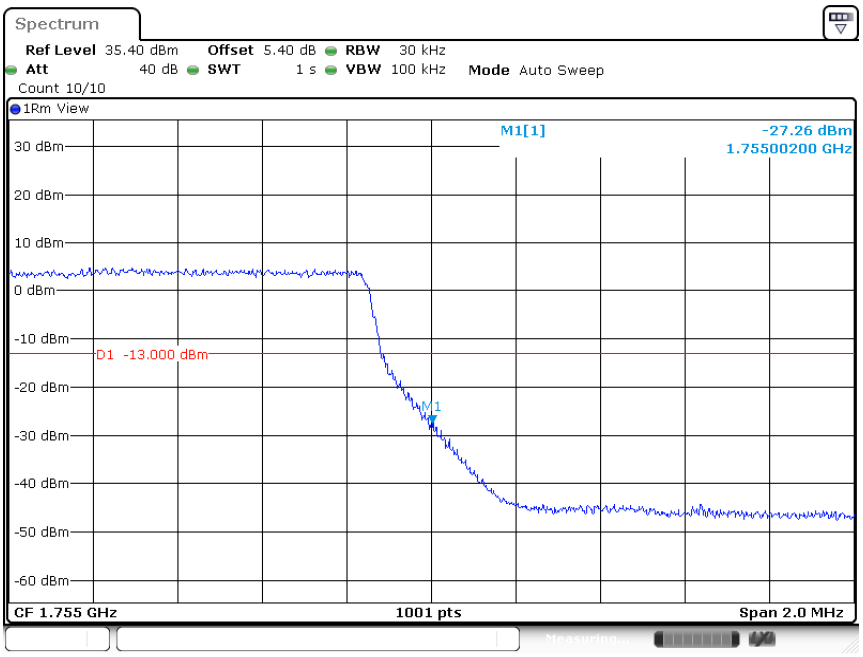

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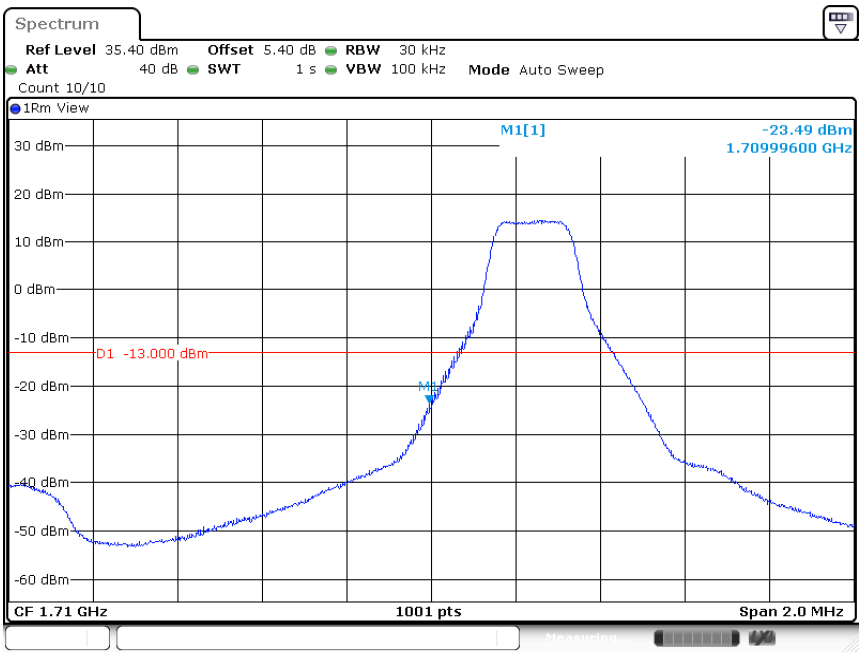
Band4-3MHz-64QAM-19965-1RB#0



Date: 4.JAN.2021 12:37:44

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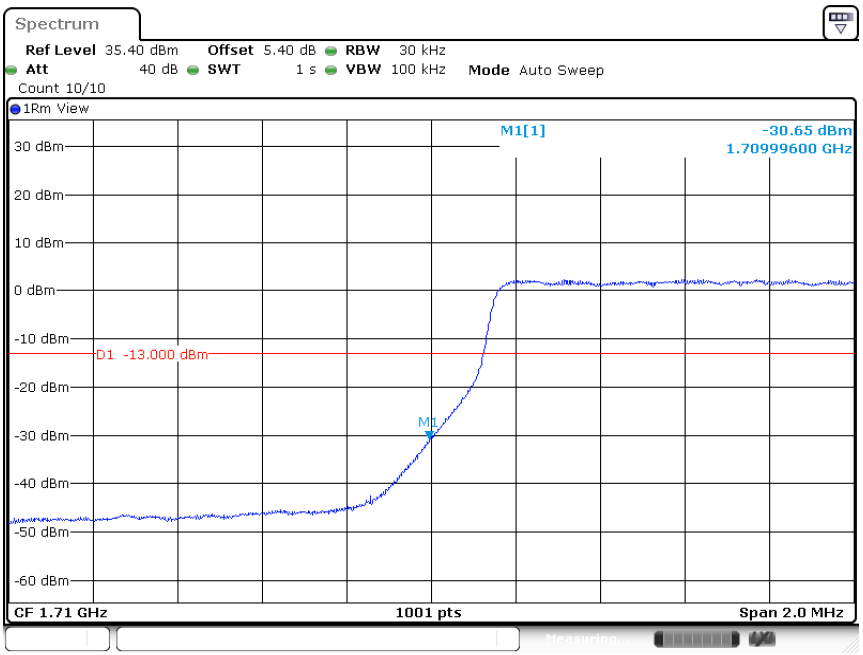

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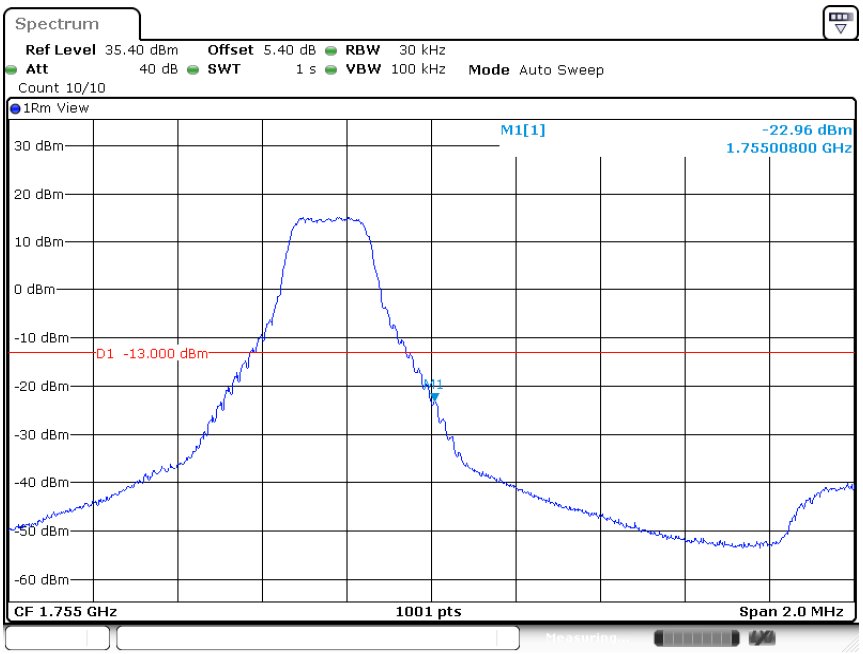
Band4-3MHz-64QAM-20385-1RB#14



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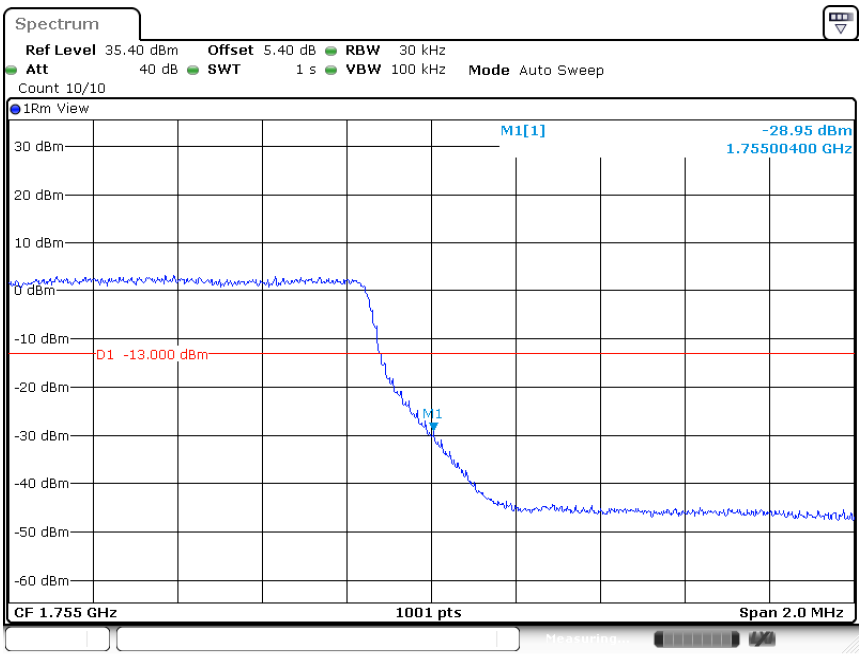

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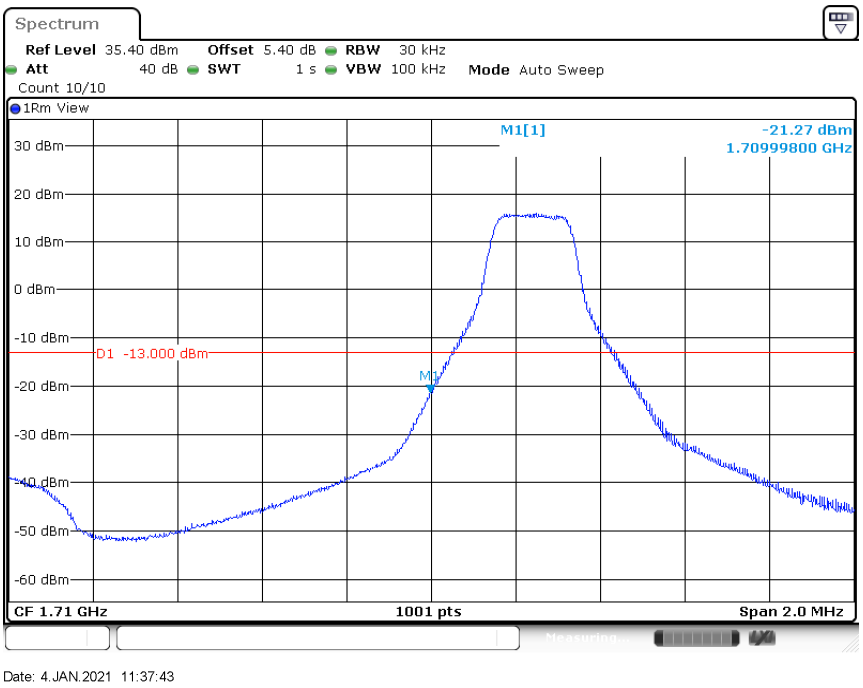

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Band4-3MHz-16QAM-19965-15RB#0

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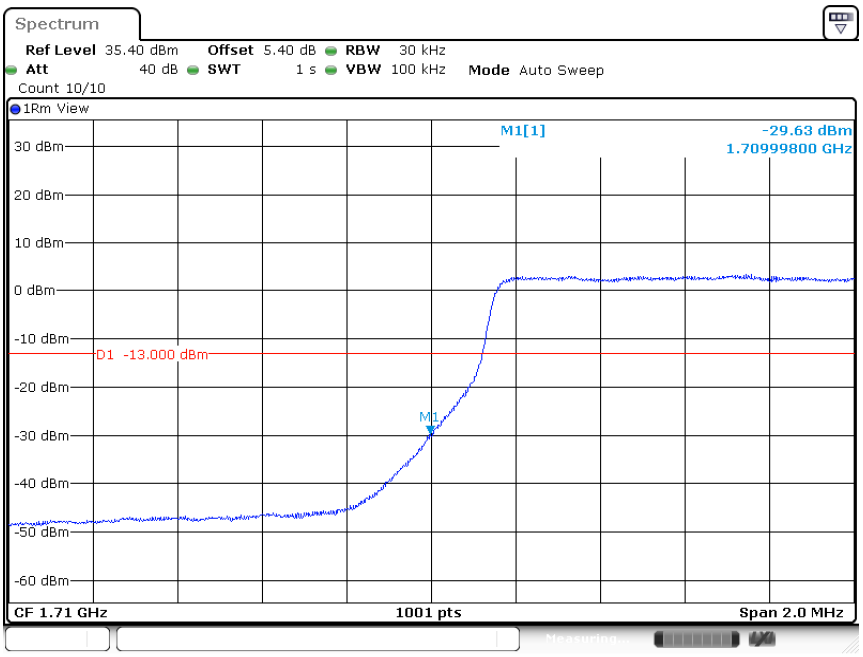

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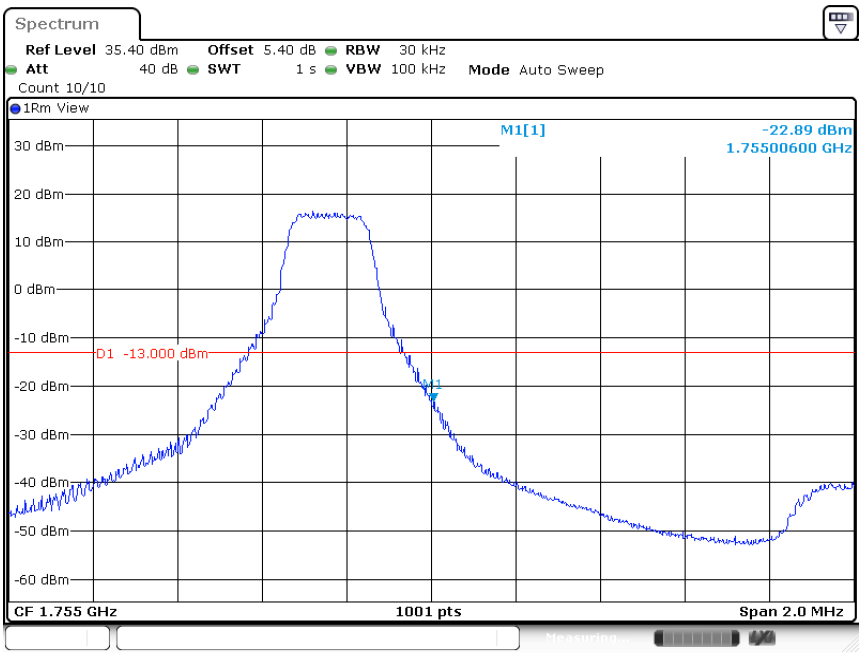
Band4-3MHz-16QAM-20385-1RB#14



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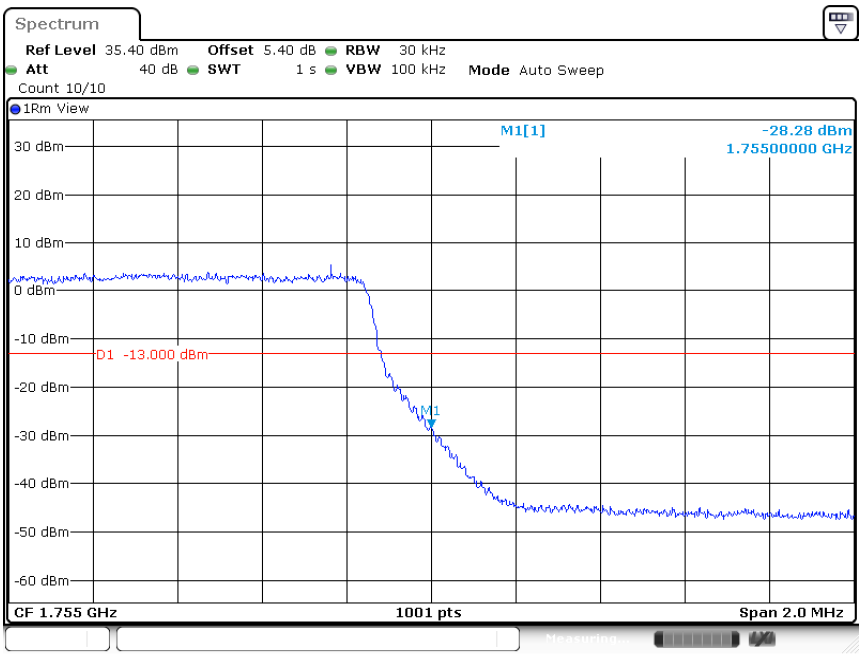

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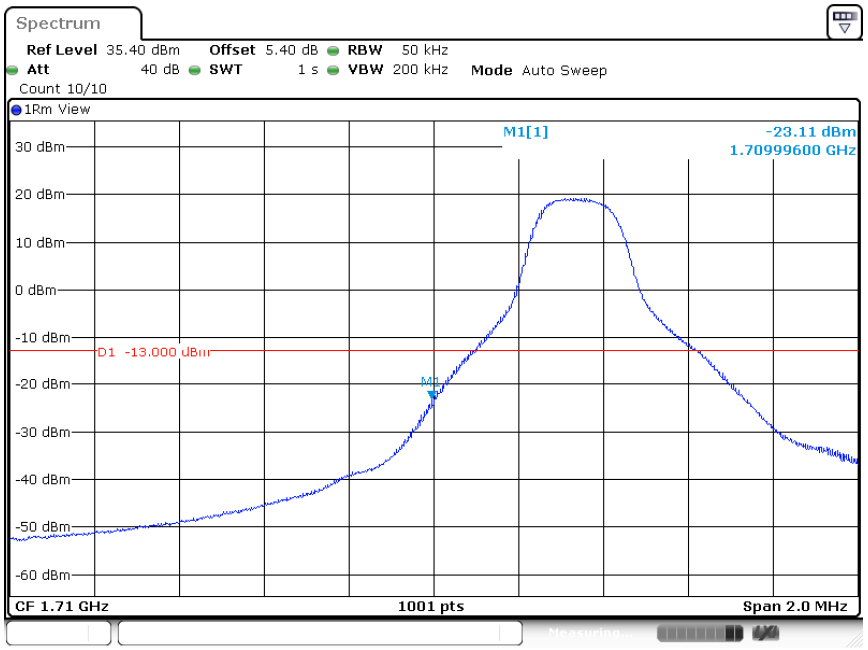
Band4-5MHz-QPSK-19975-1RB#0



Date: 8.DEC.2020 21:59:50

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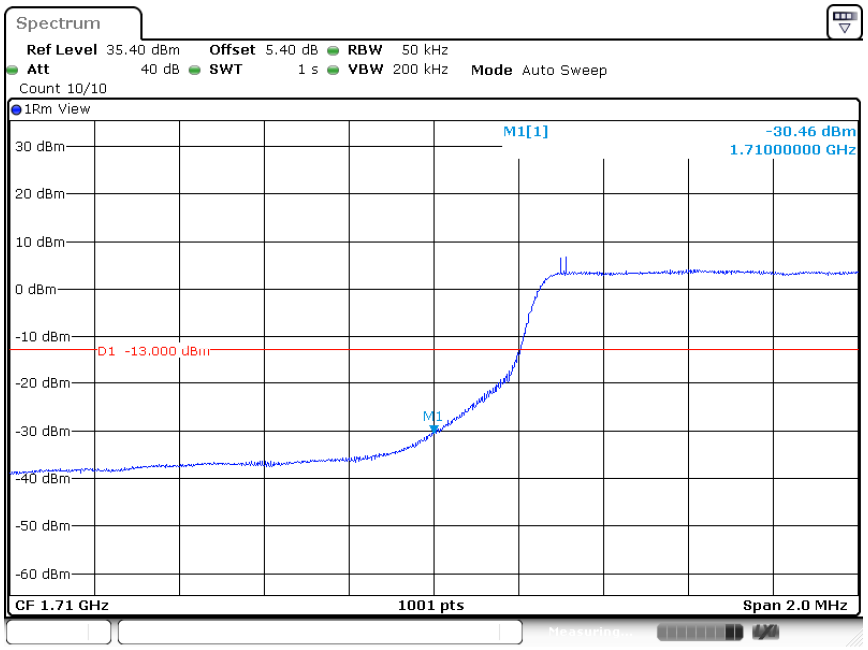
Band4-5MHz-QPSK-19975-25RB#0



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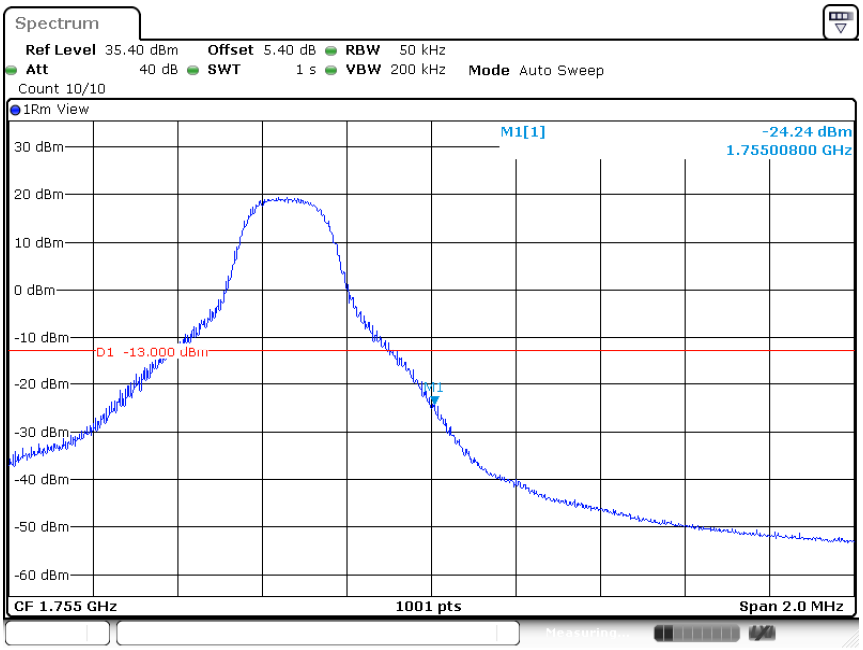
Band4-5MHz-QPSK-20375-1RB#24



Date: 8.DEC.2020 22:01:16

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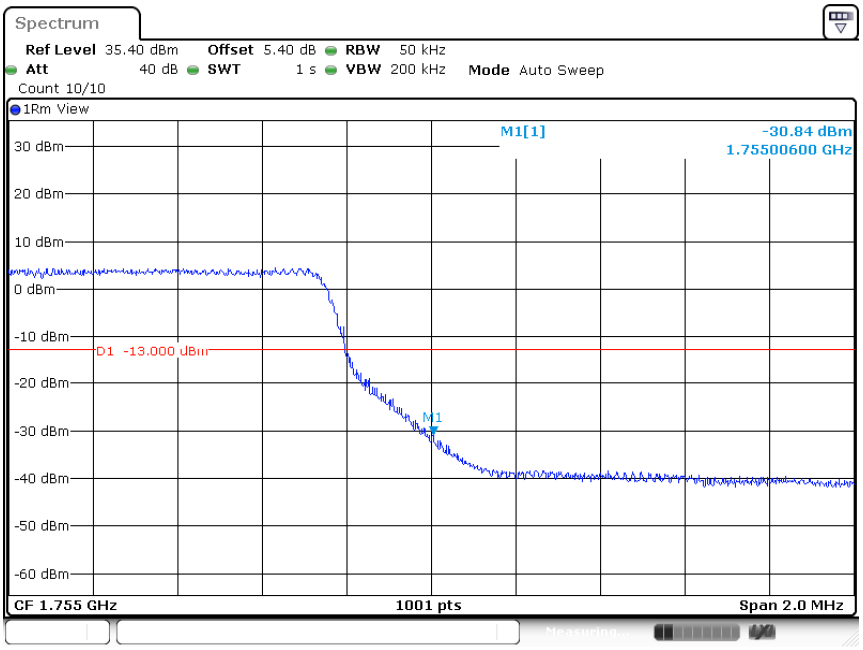
Band4-5MHz-QPSK-20375-25RB#0



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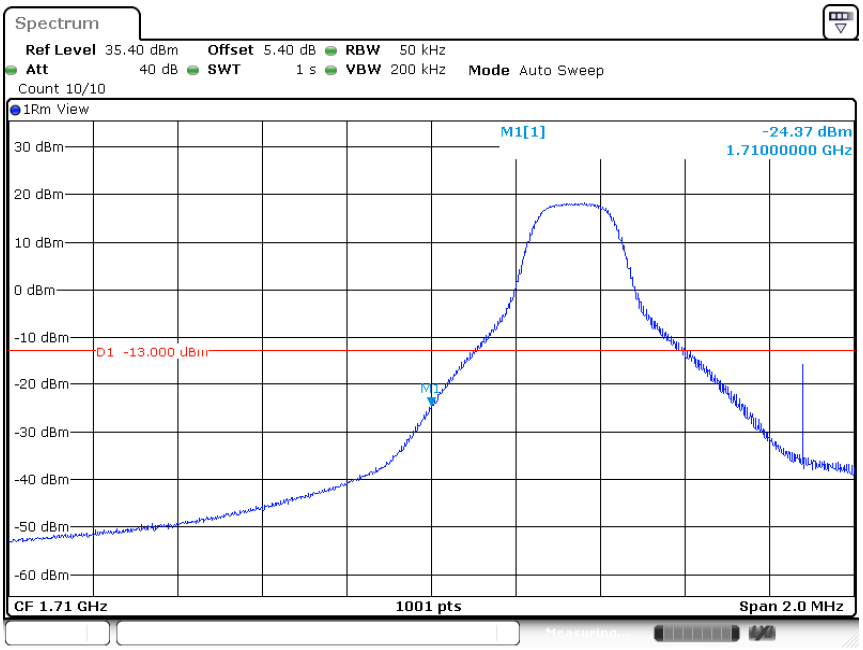
Band4-5MHz-64QAM-19975-1RB#0



Date: 9.DEC.2020 00:08:47

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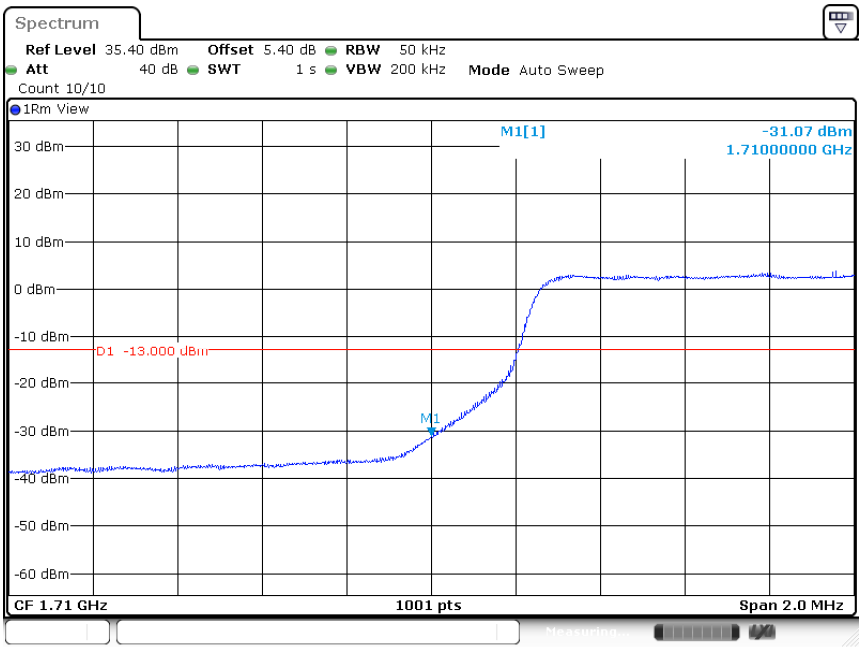
Band4-5MHz-64QAM-19975-25RB#0



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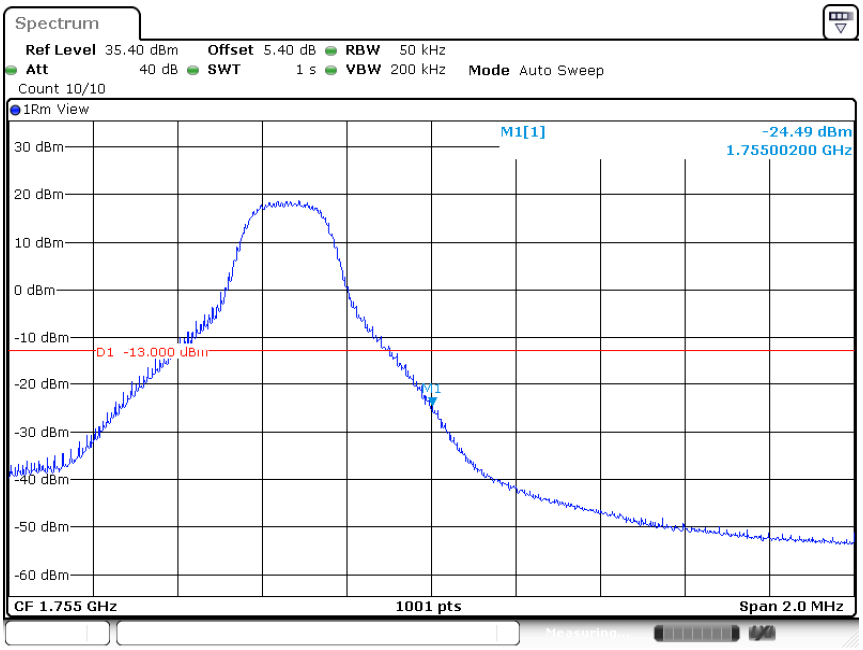
Band4-5MHz-64QAM-20375-1RB#24



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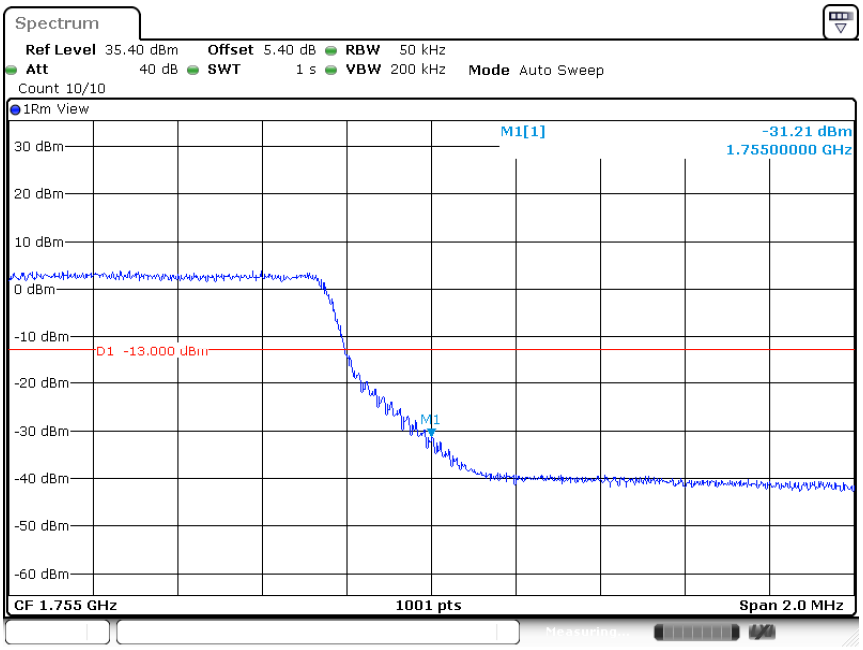
Band4-5MHz-64QAM-20375-25RB#0



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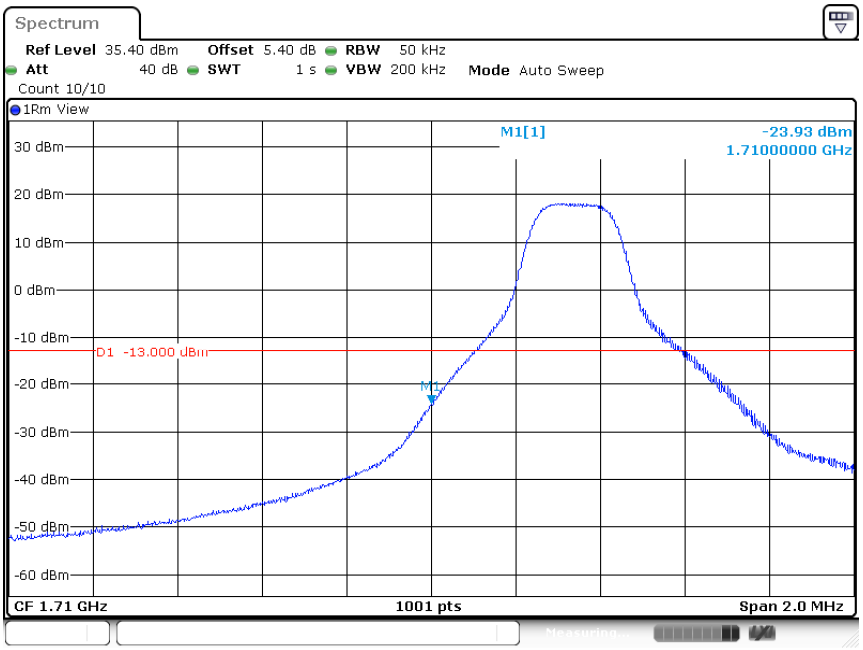

Date: 8.DEC.2020 22:00:10

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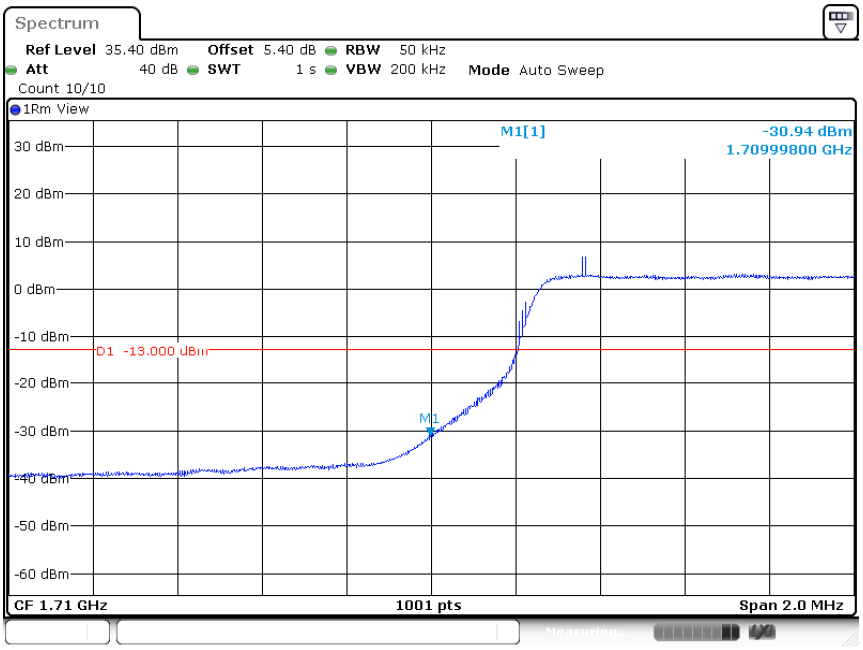
Band4-5MHz-16QAM-19975-25RB#0



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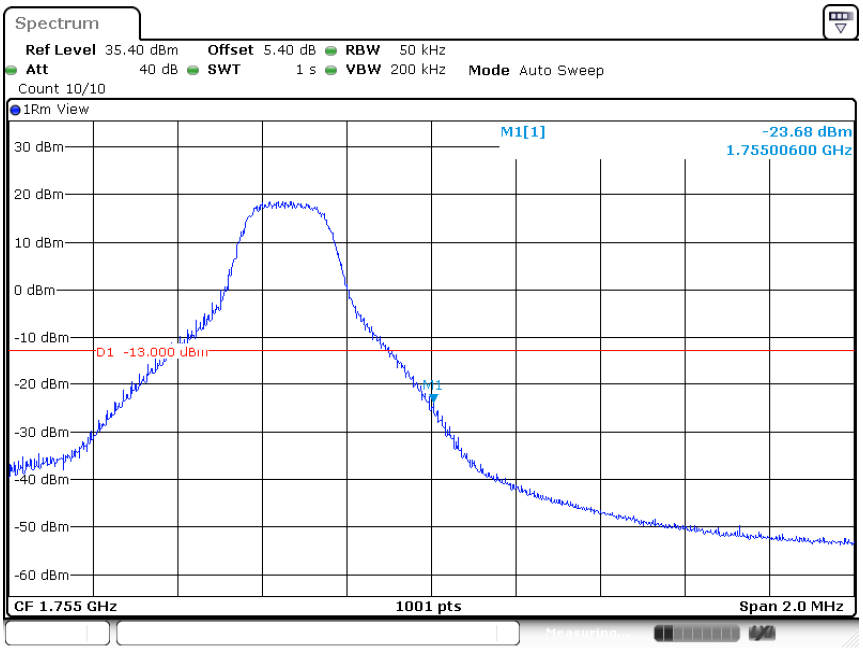
Band4-5MHz-16QAM-20375-1RB#24



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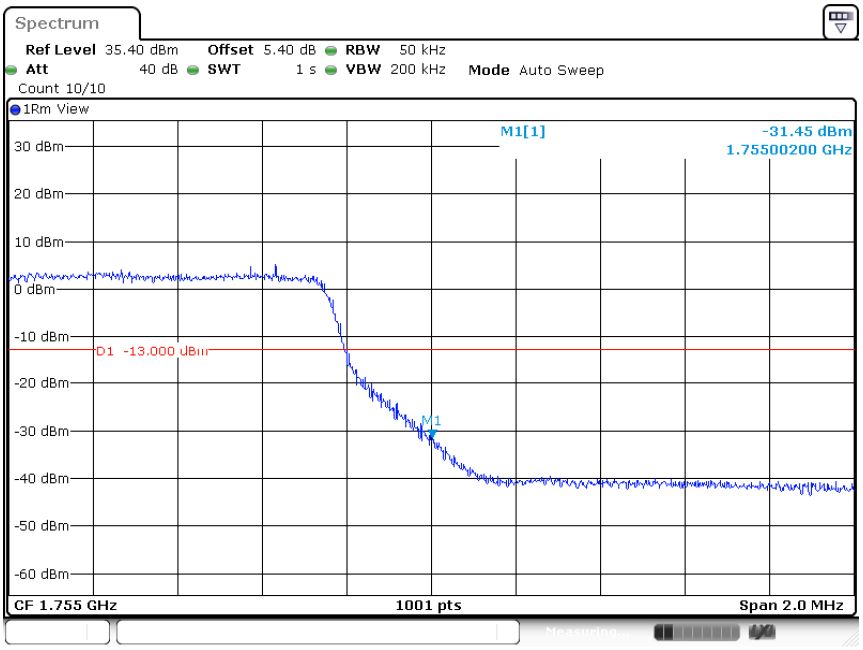
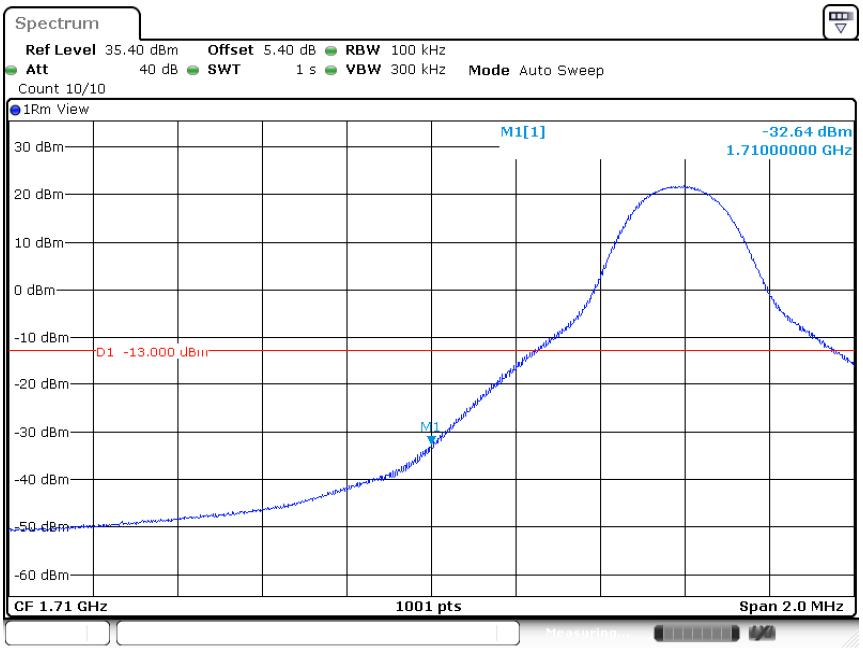


Date: 8.DEC.2020 22:02:17

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



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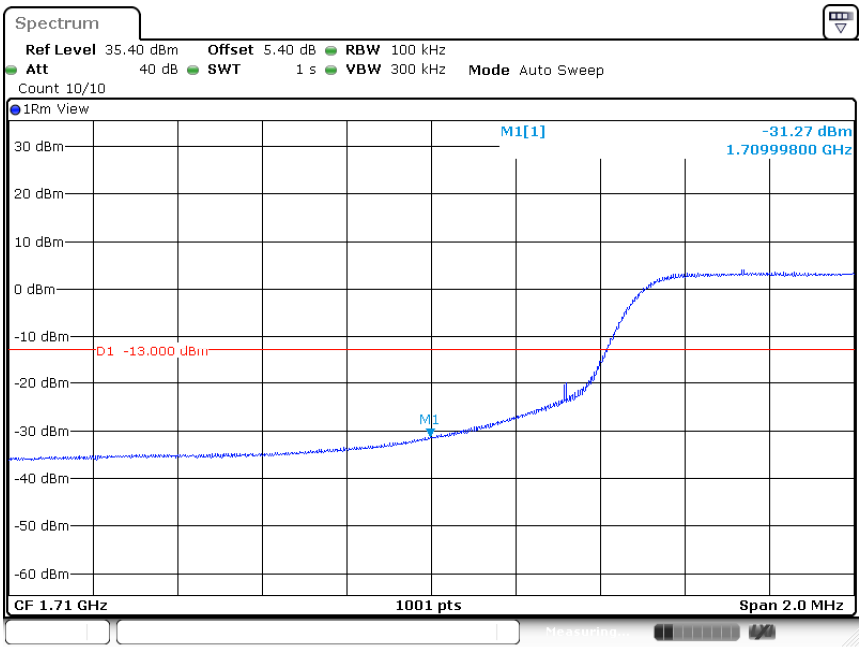
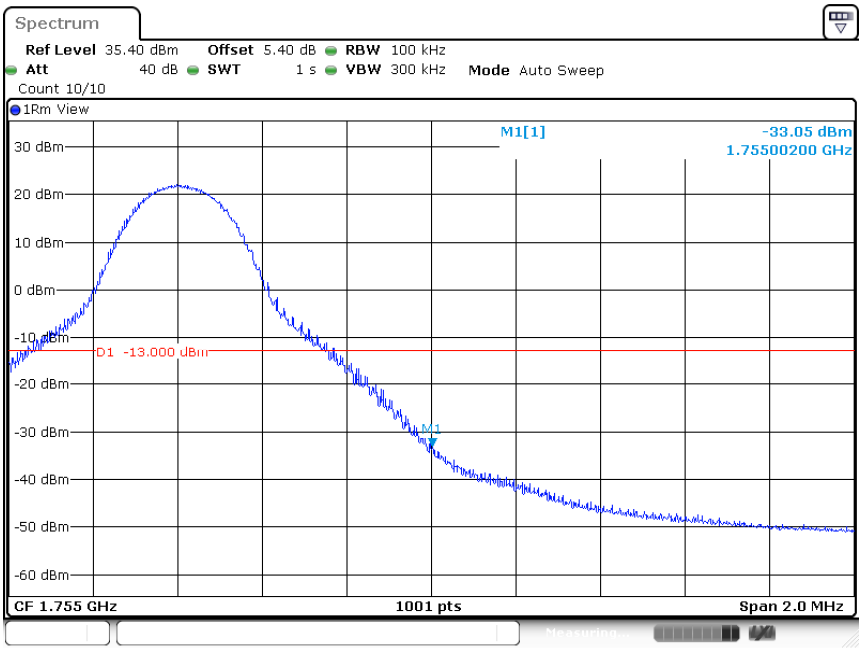


Date: 8.DEC.2020 22:03:24

Band4-10MHz-QPSK-20350-1RB#49



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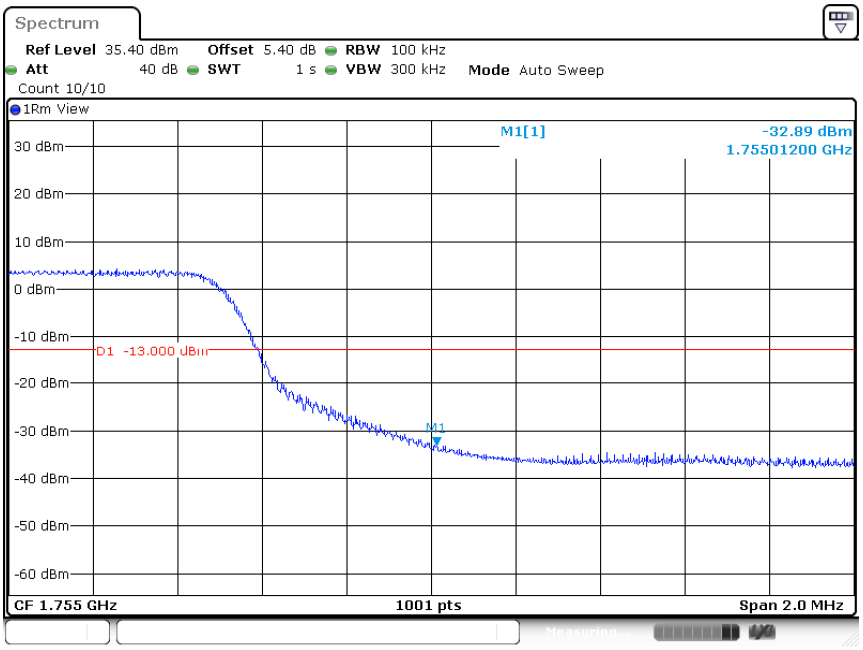

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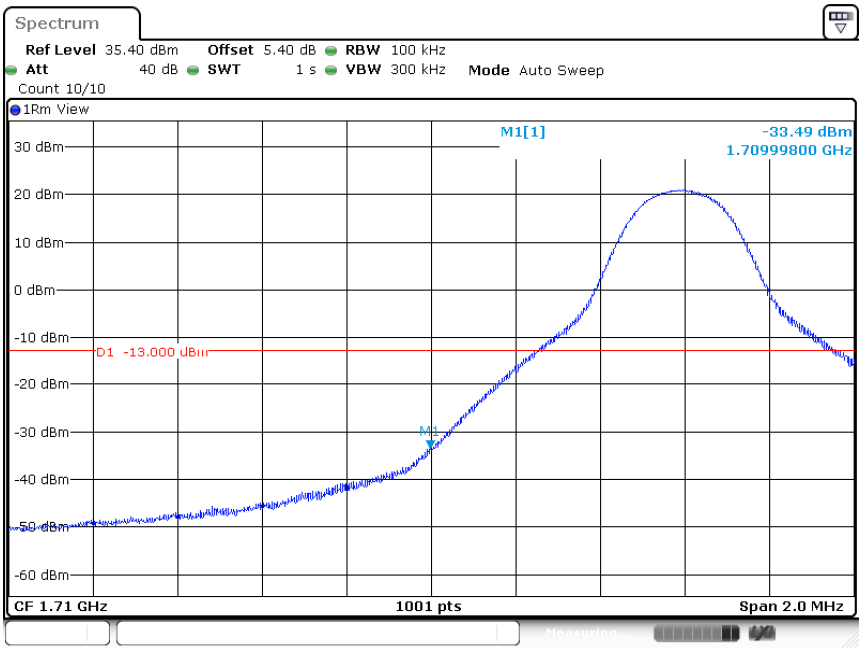

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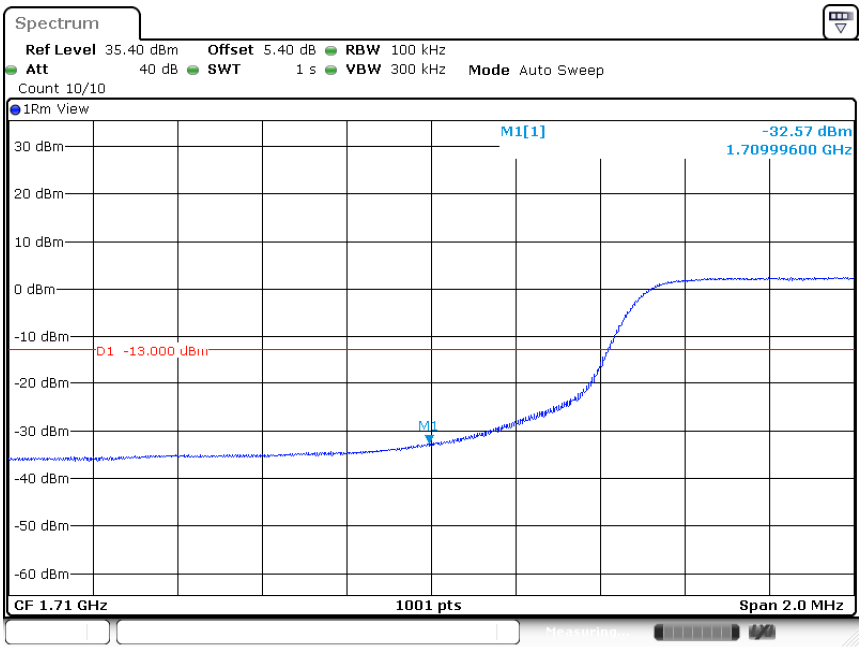

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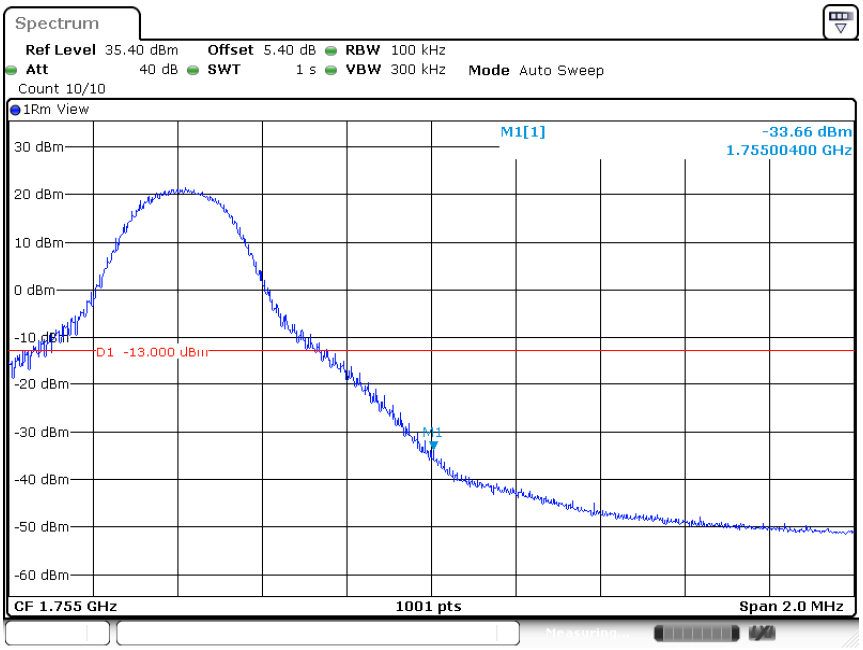

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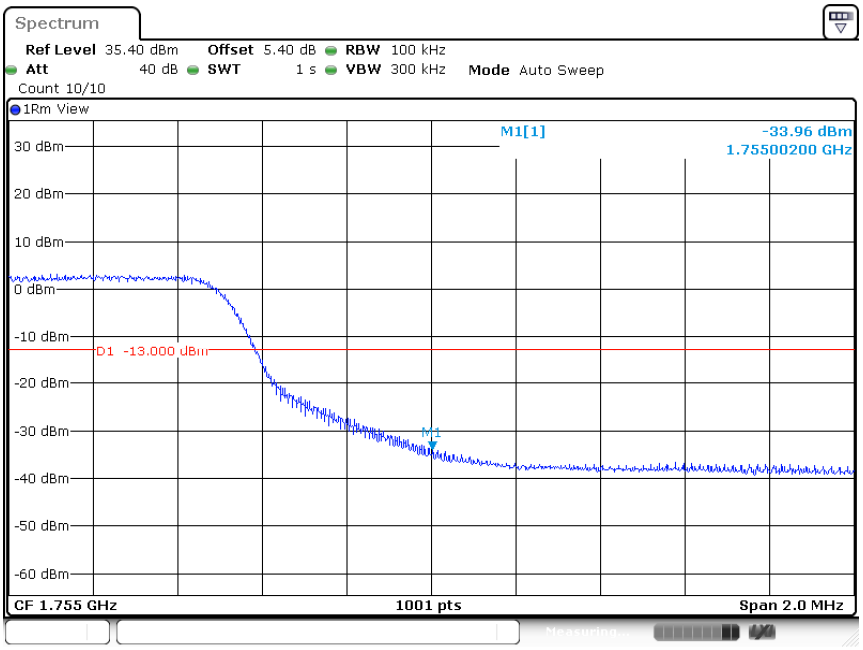

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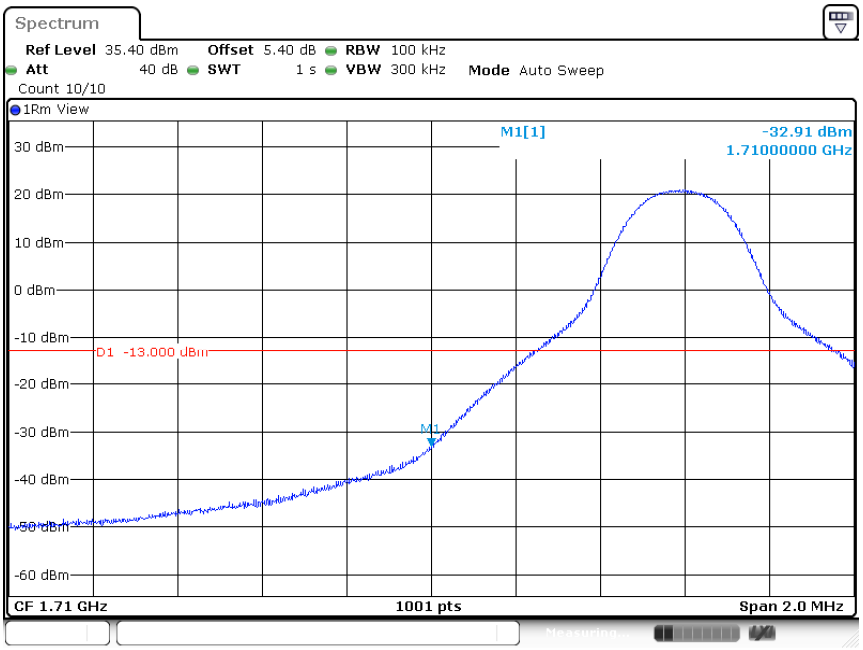

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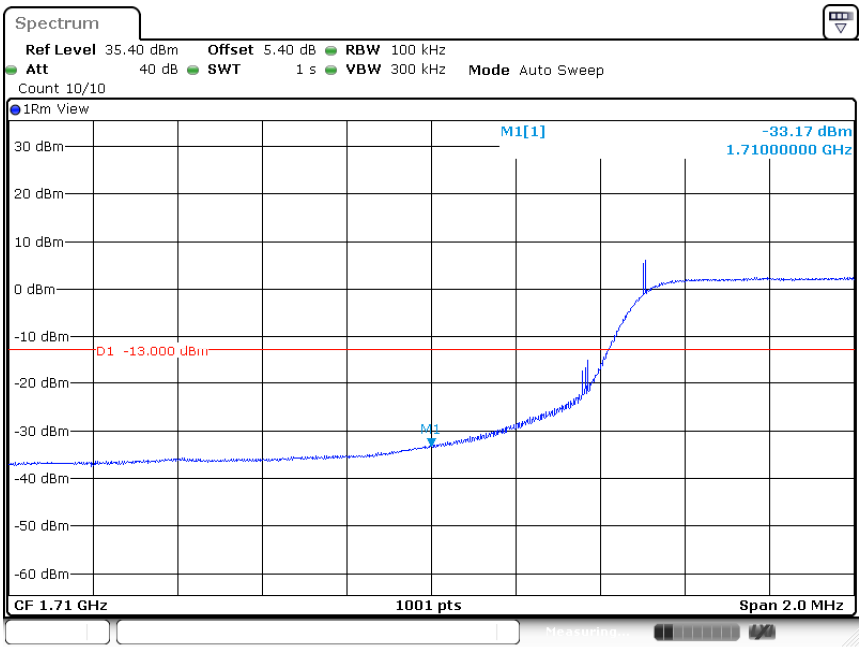
Band4-10MHz-16QAM-20000-50RB#0



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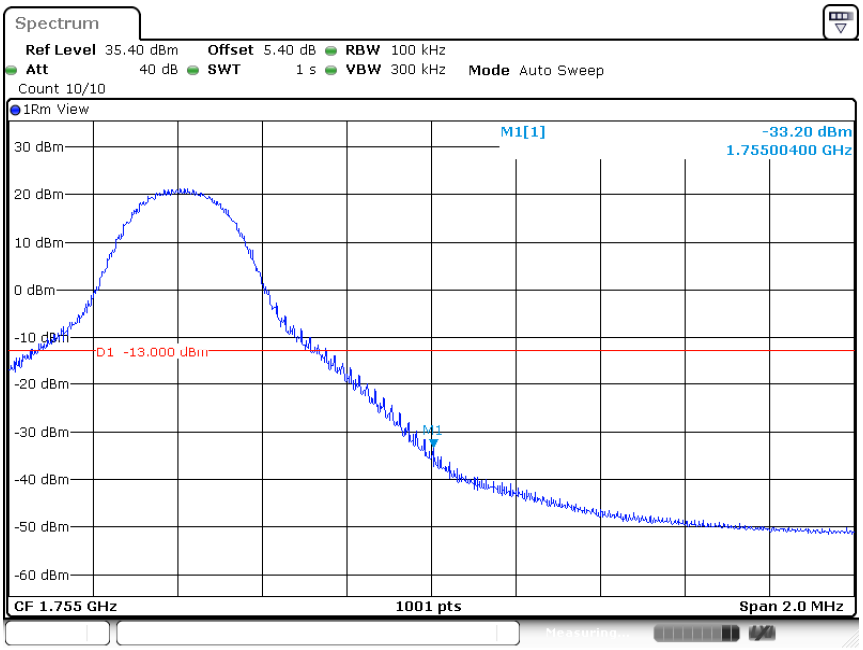

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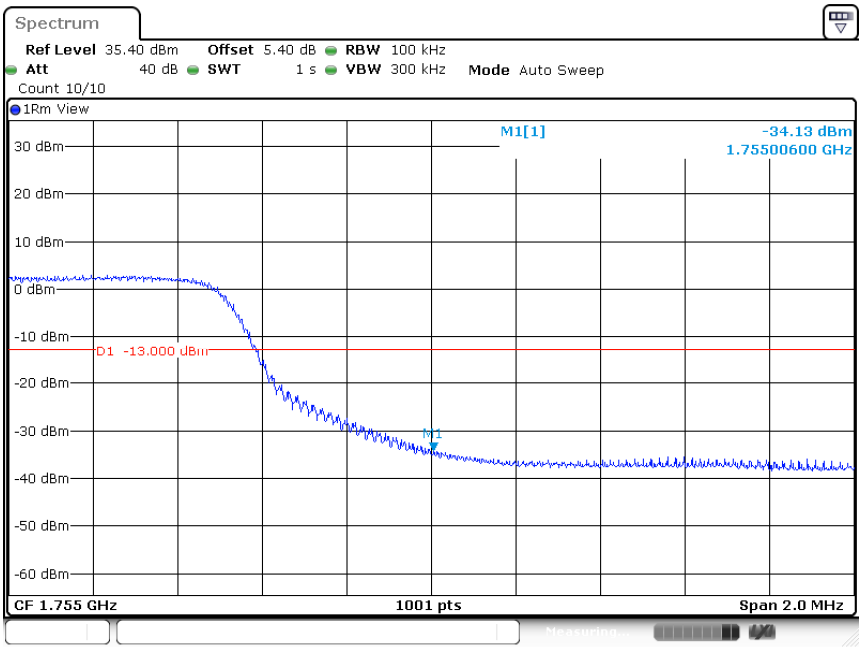
Band4-10MHz-16QAM-20350-50RB#0



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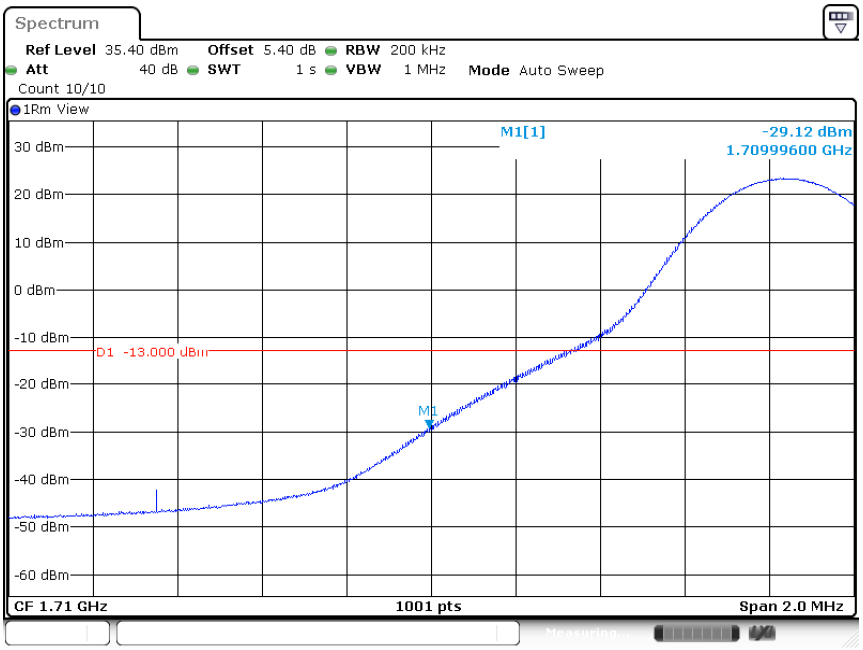
Band4-15MHz-QPSK-20025-1RB#0



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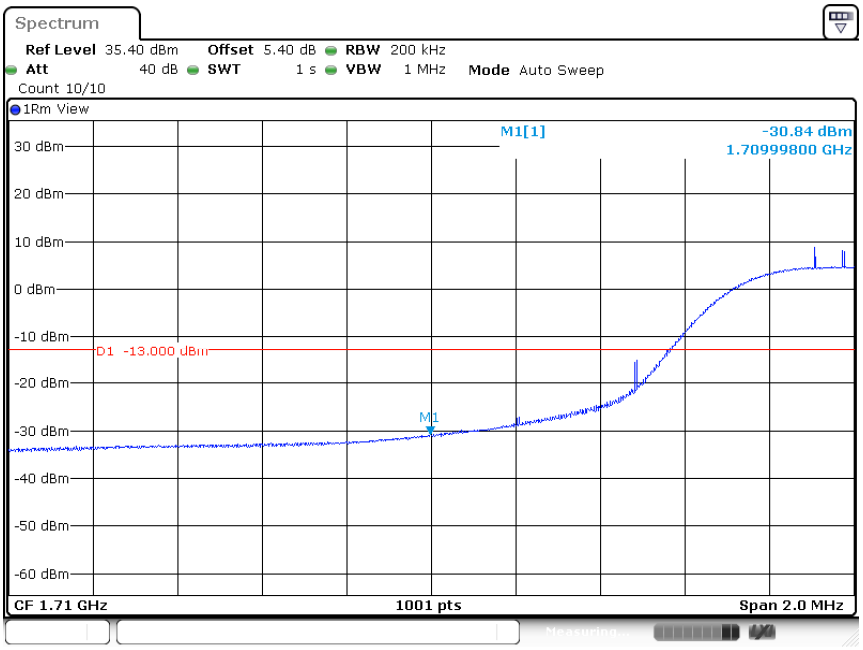
Band4-15MHz-QPSK-20025-75RB#0



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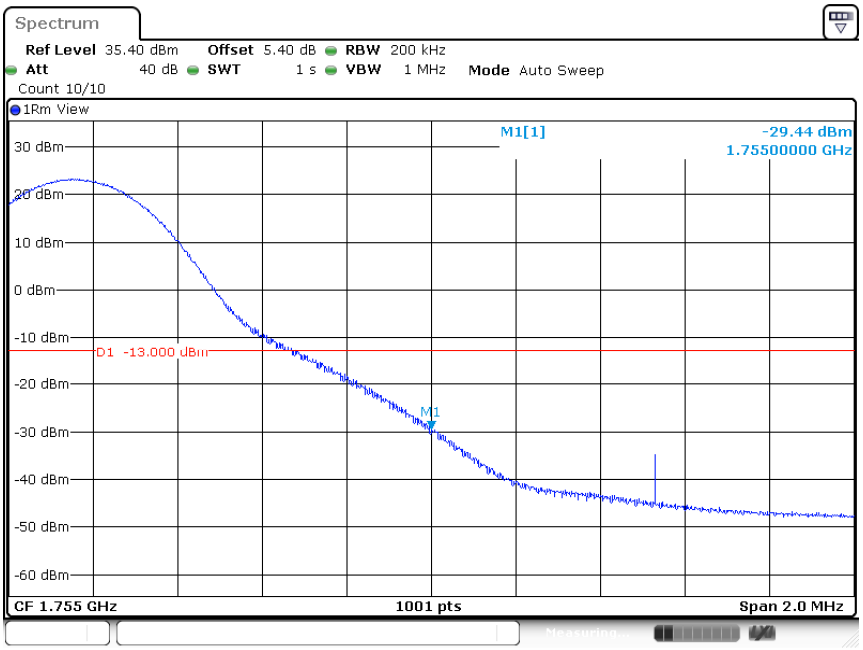
Band4-15MHz-QPSK-20325-1RB#74



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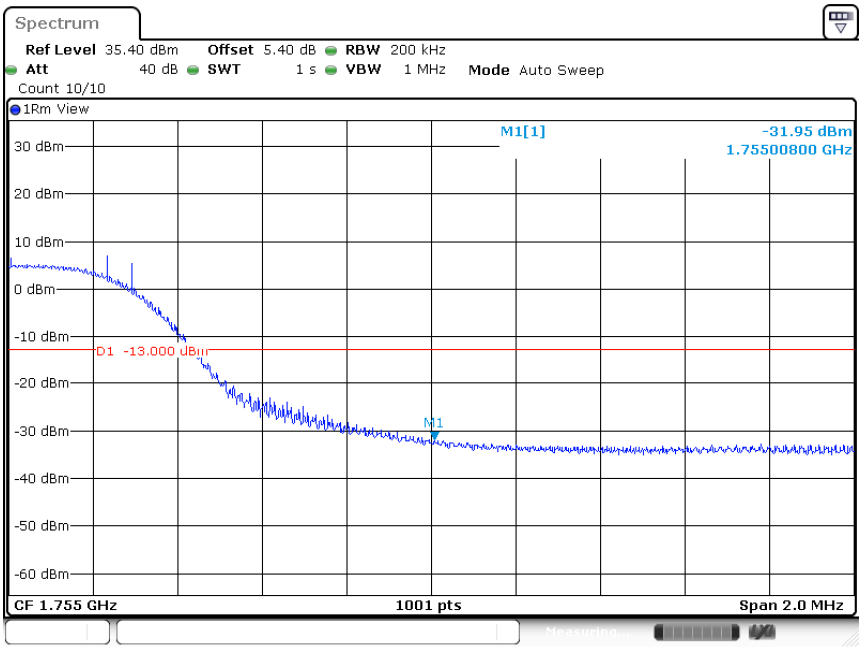

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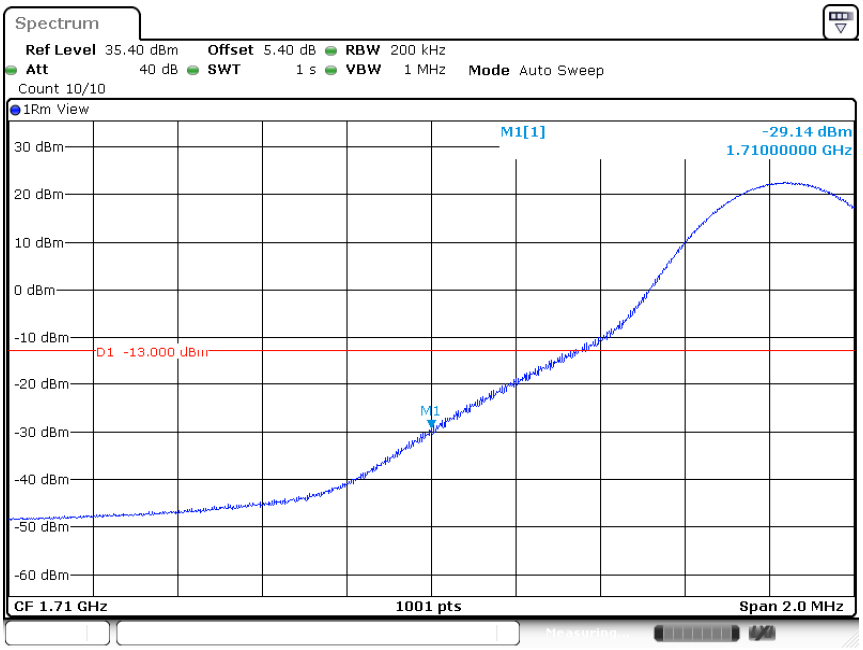

Date: 9.DEC.2020 00:11:52

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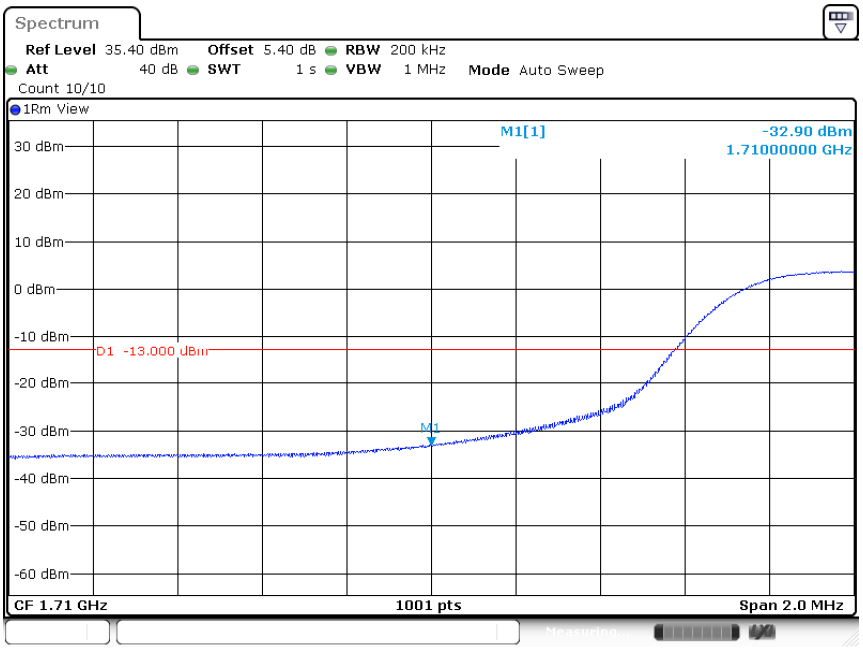
Band4-15MHz-64QAM-20025-75RB#0



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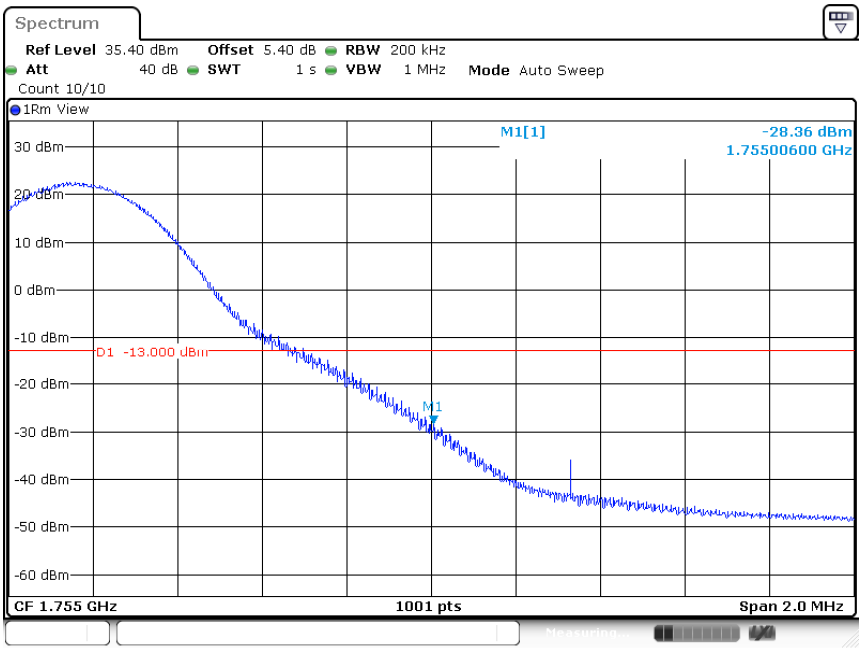

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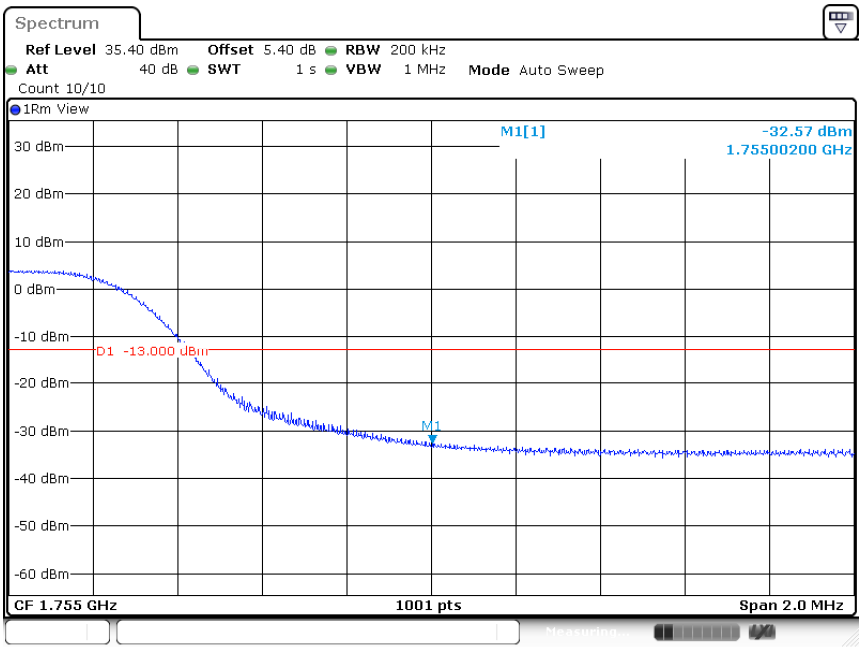

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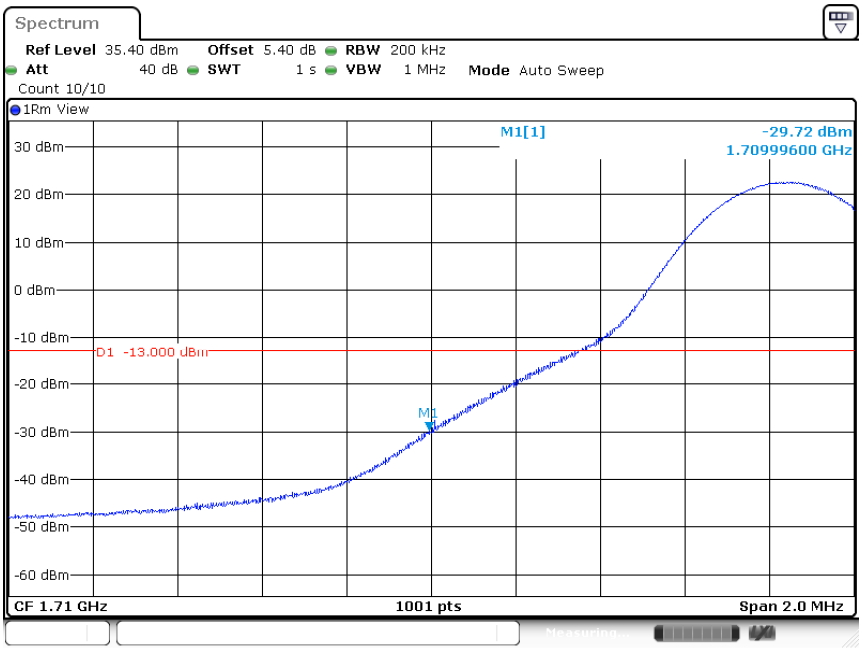

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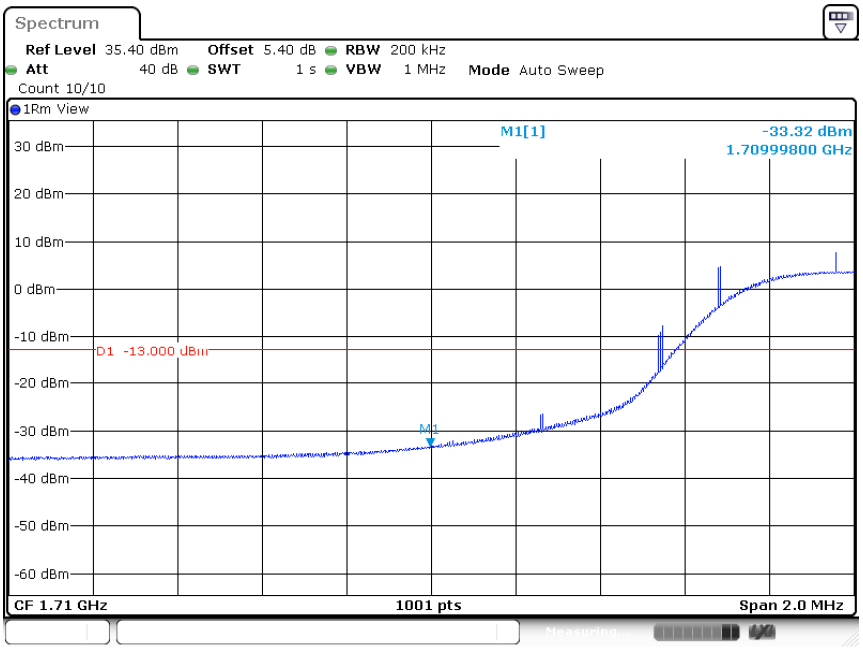

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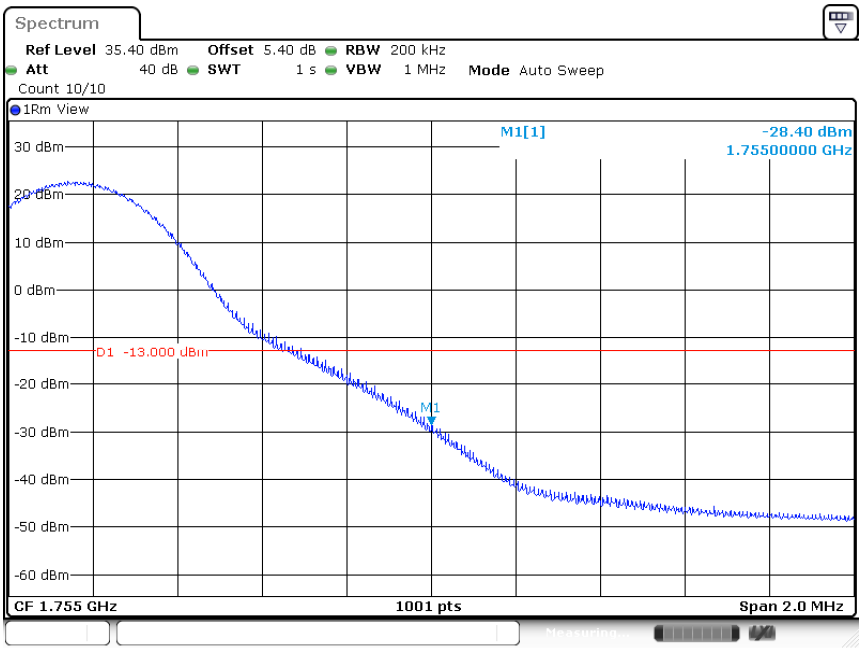

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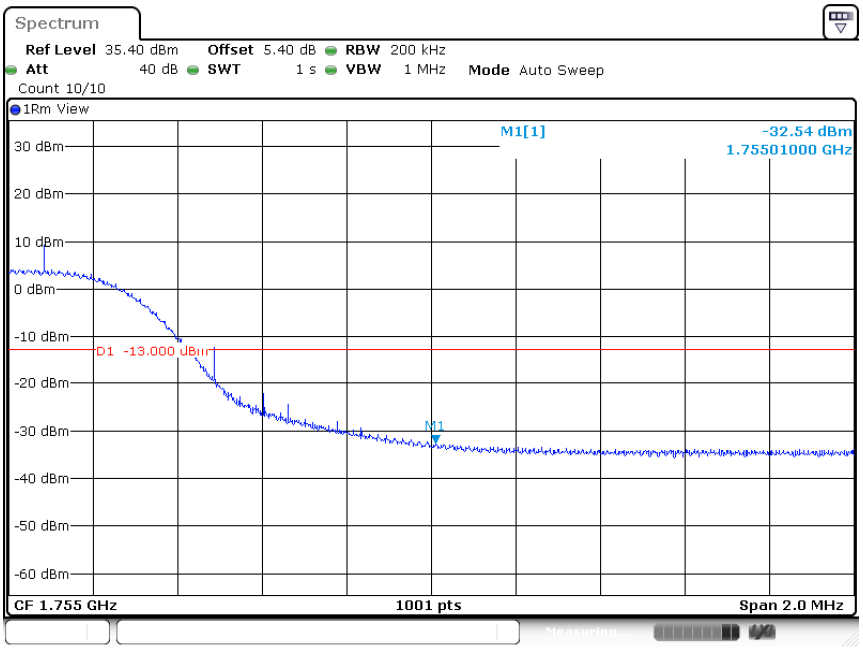
Band4-15MHz-16QAM-20325-75RB#0



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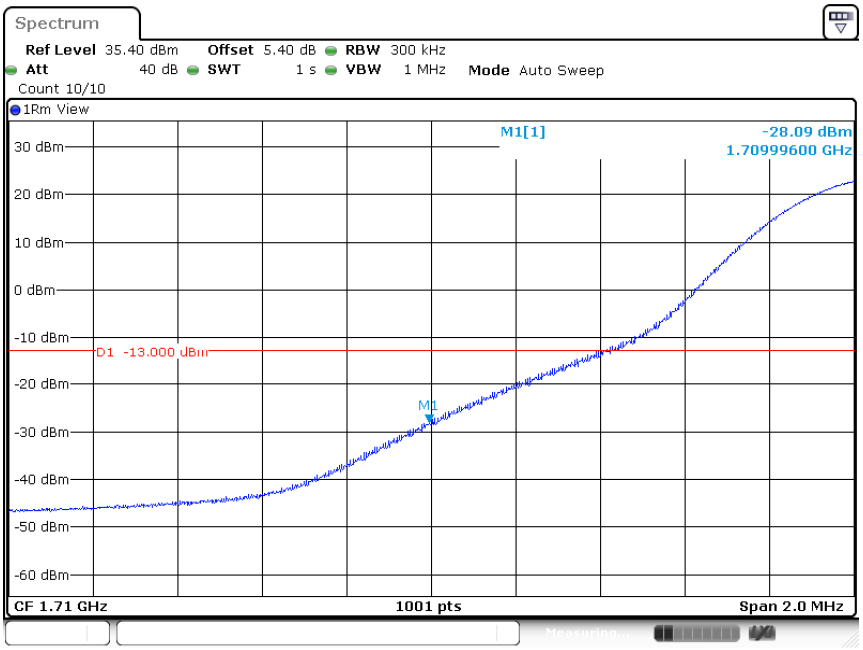

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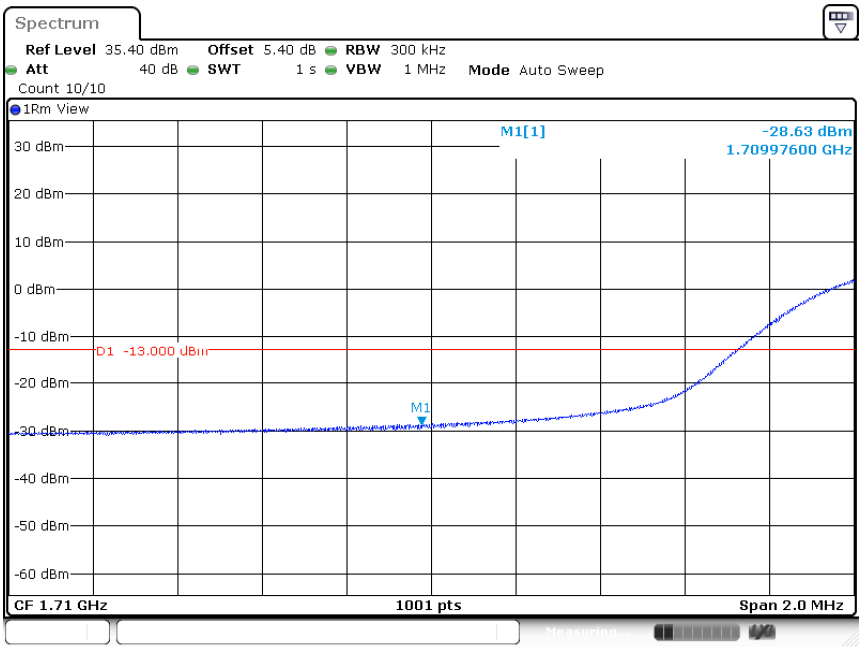
Band4-20MHz-QPSK-20050-100RB#0



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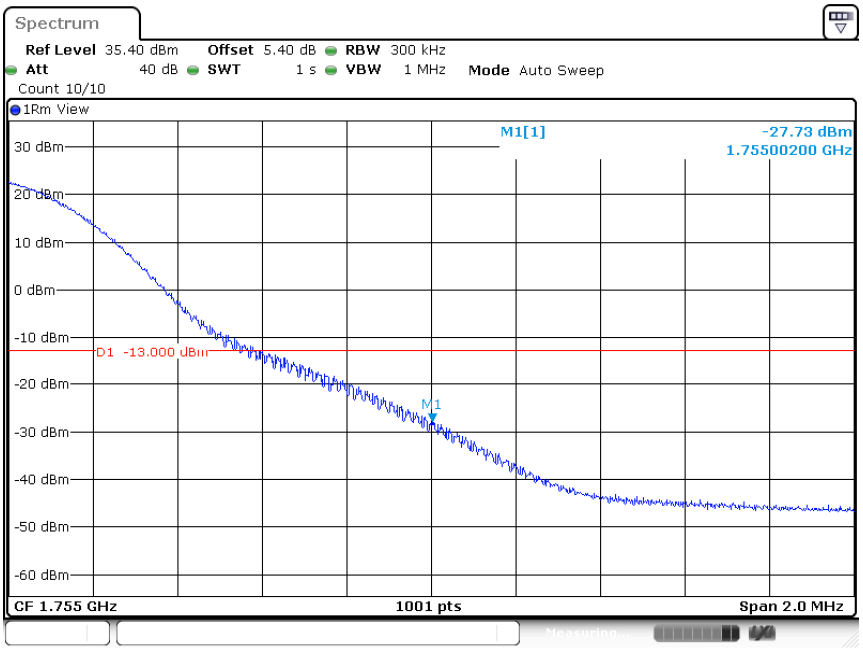

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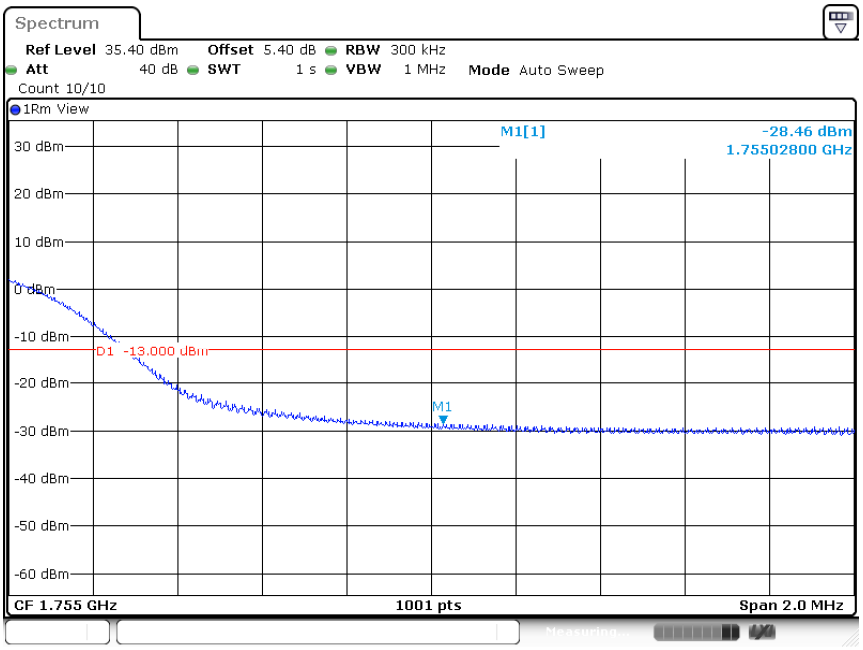
Band4-20MHz-QPSK-20300-100RB#0



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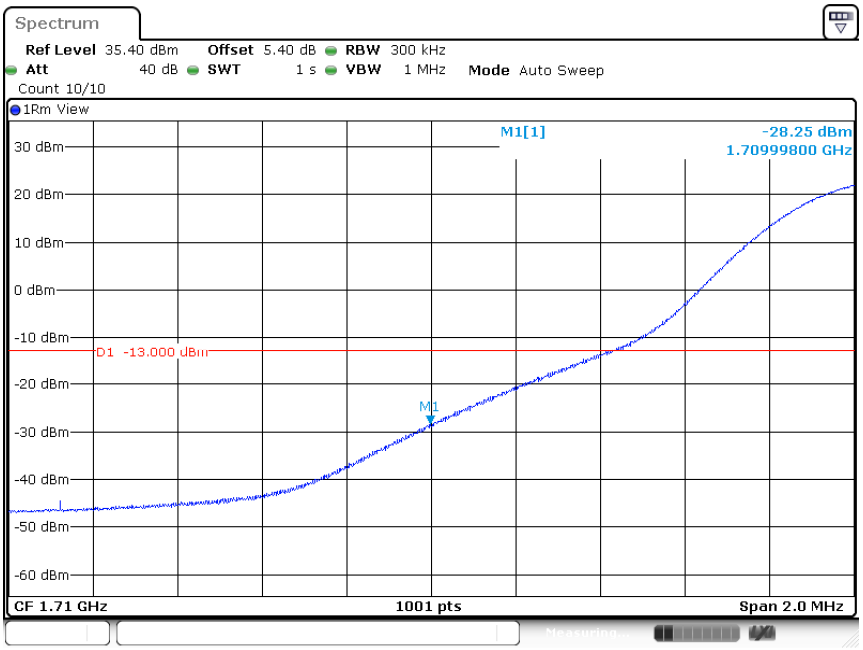

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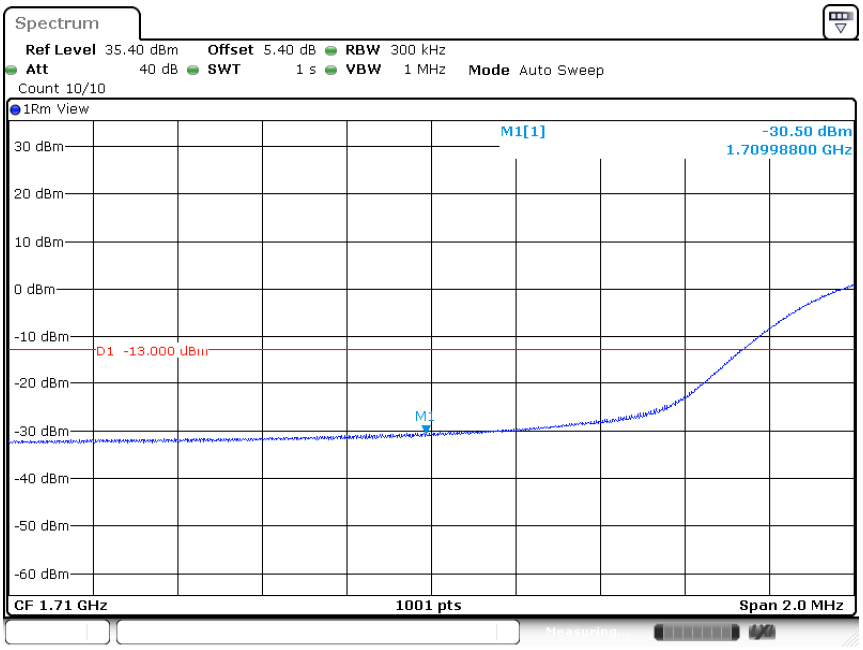
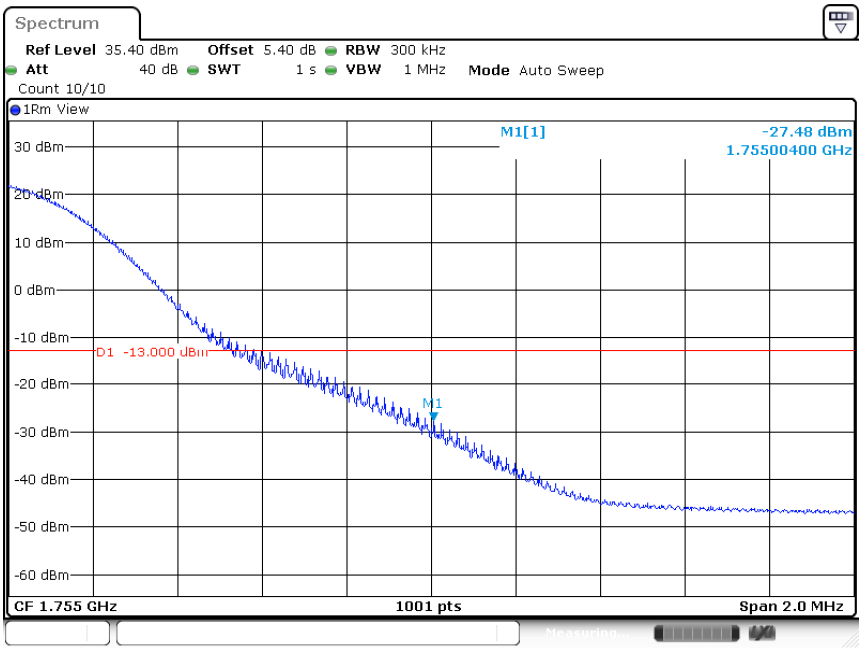
Band4-20MHz-64QAM-20050-100RB#0



Date: 9.DEC.2020 00:13:45

Band4-20MHz-64QAM-20300-1RB#99



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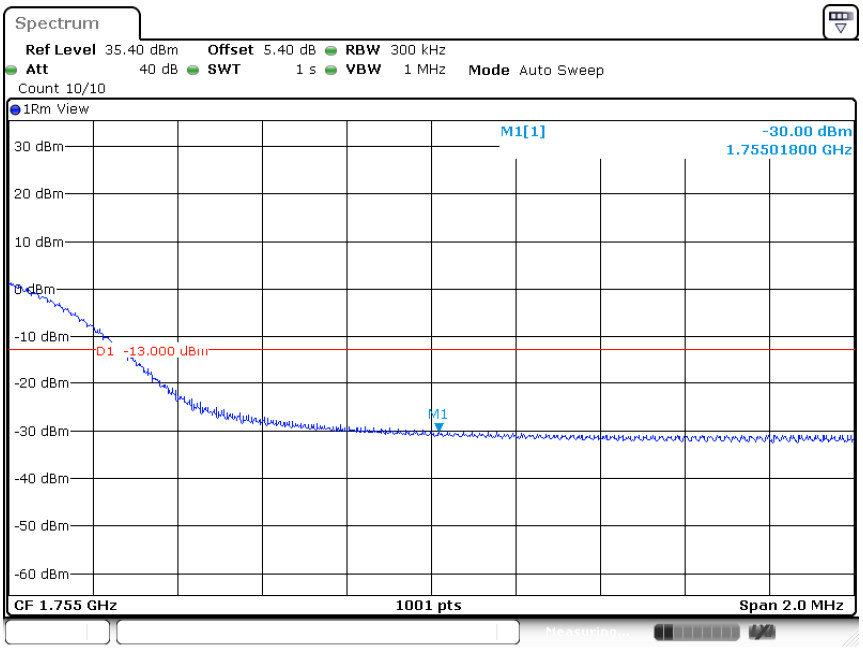
Band4-20MHz-64QAM-20300-100RB#0



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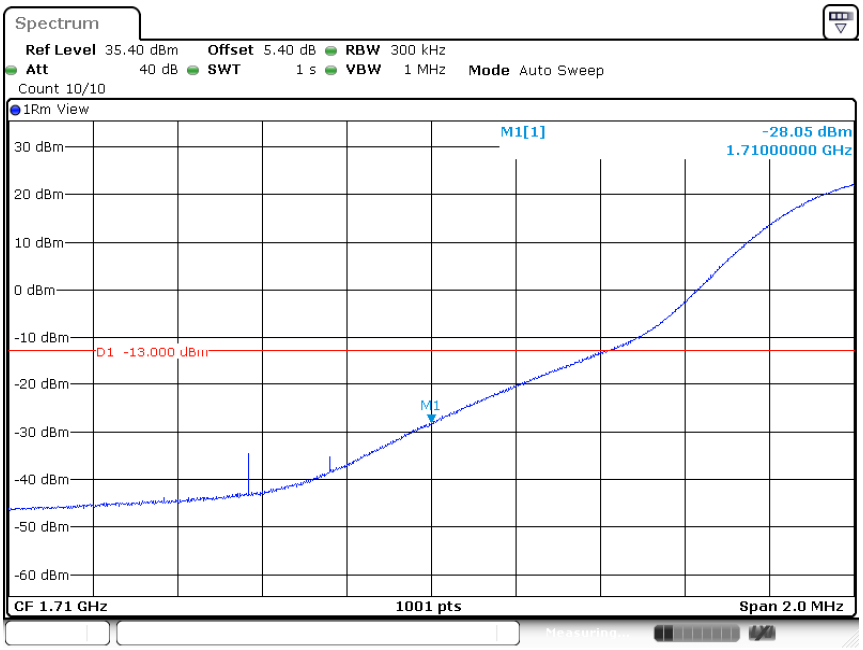
Band4-20MHz-16QAM-20050-1RB#0



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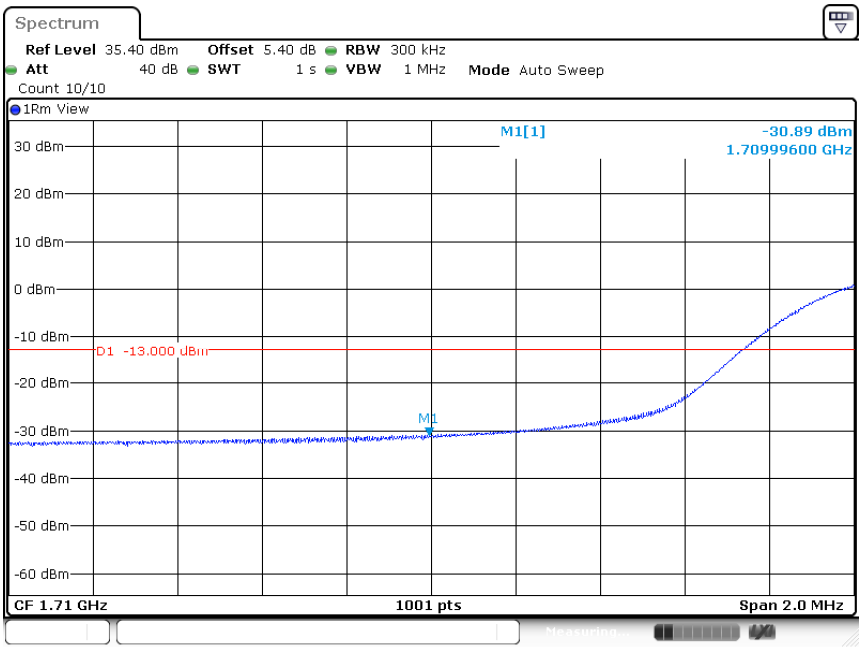
Band4-20MHz-16QAM-20050-100RB#0



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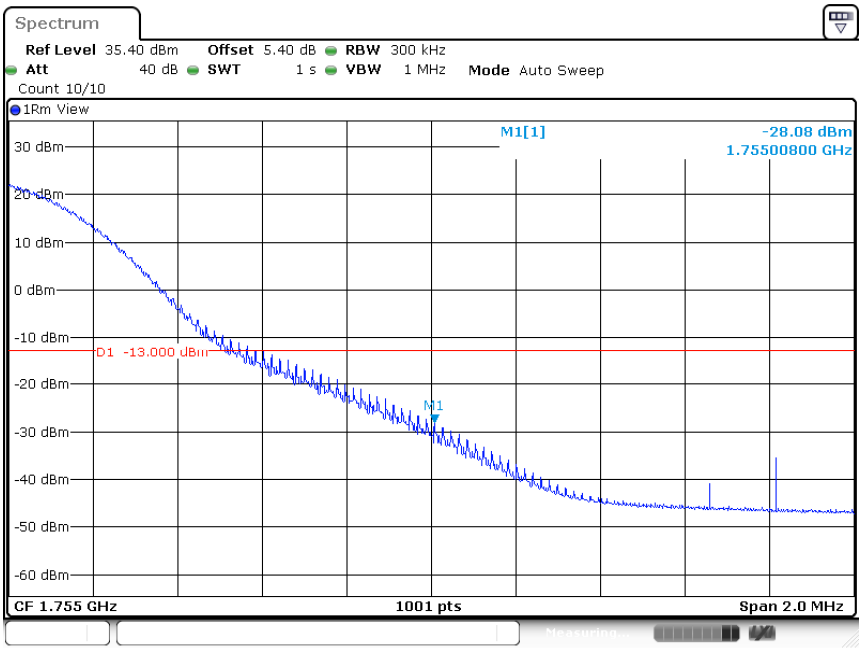
Band4-20MHz-16QAM-20300-1RB#99



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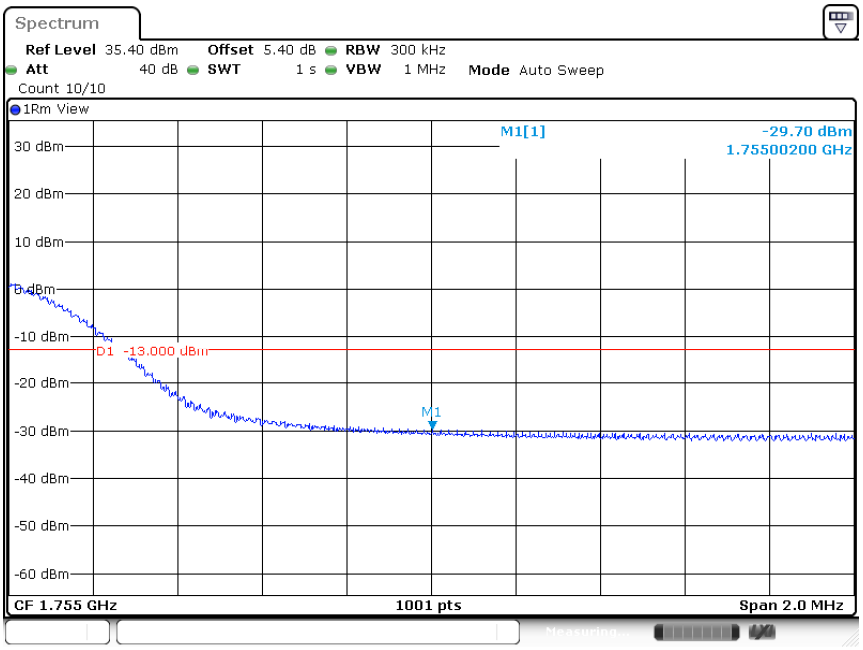
Band4-20MHz-16QAM-20300-100RB#0


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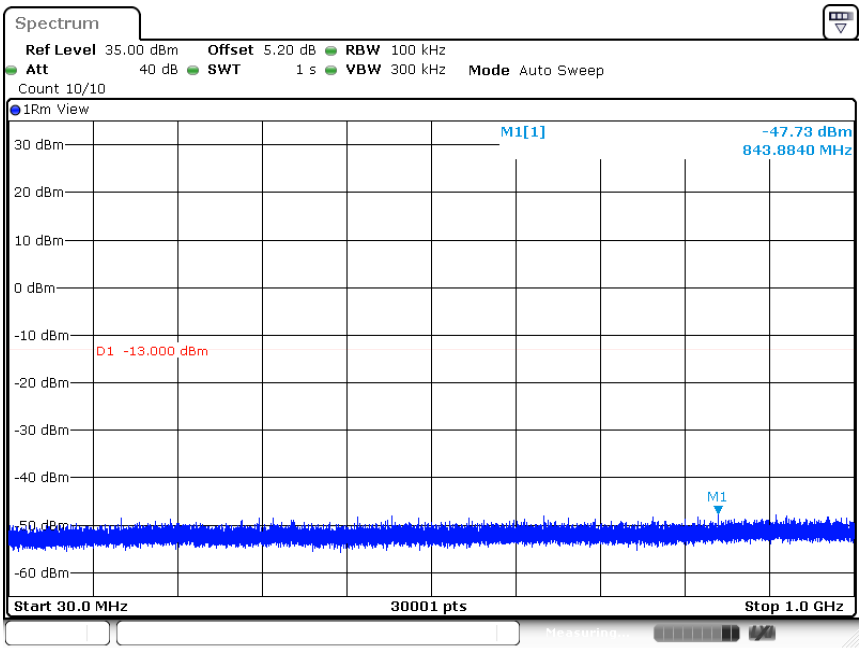
6. Spurious Emission at Antenna Terminal

Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k * (Span / RBW)" with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Remark2: only the worst case data displayed in this report.

6.1. Test Plots

Band4-20MHz-QPSK-20050-1RB#0-Range1:30~1000MHz



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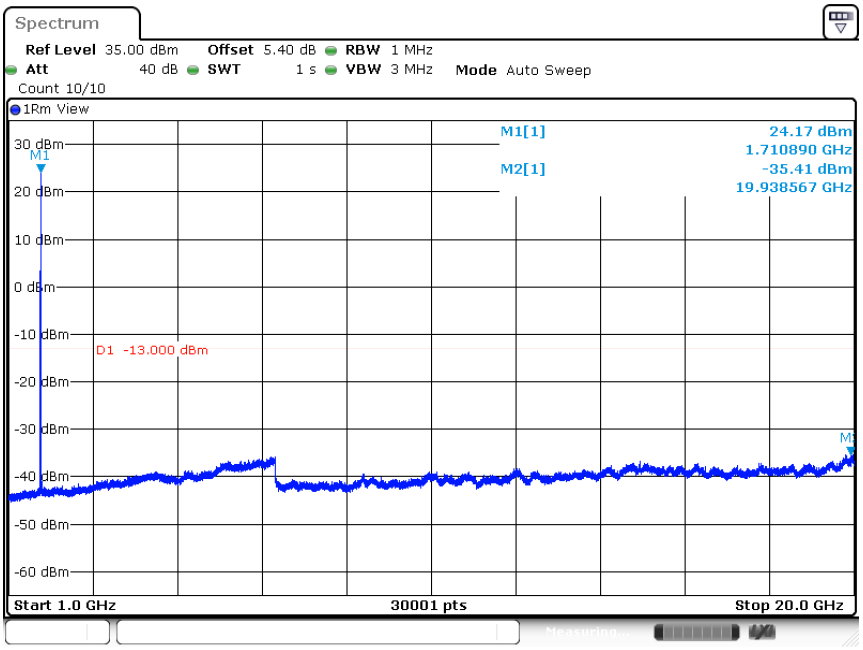
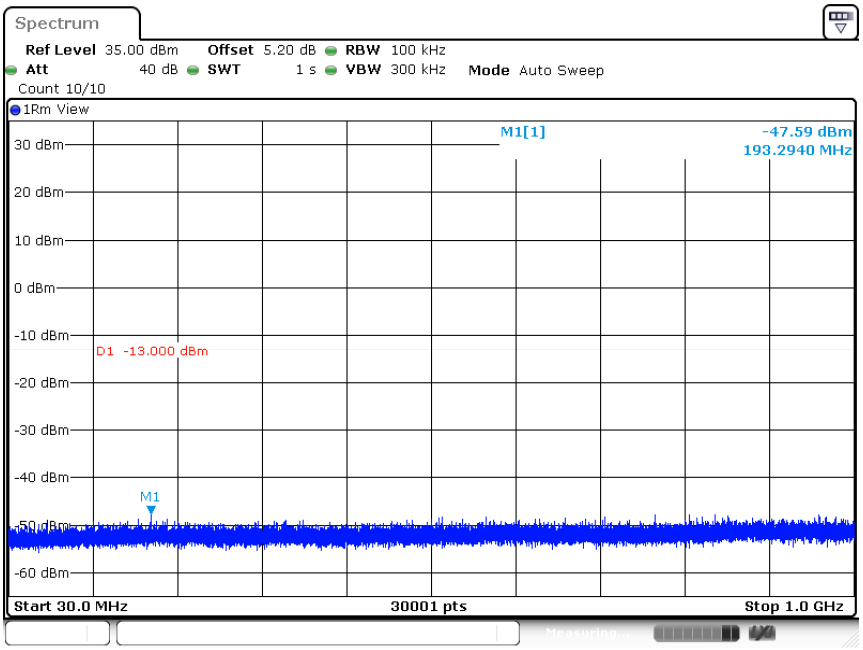
Band4-20MHz-QPSK-20050-1RB#0-Range2:1000~20000MHz



Date: 8.DEC.2020 22:14:41

Band4-20MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



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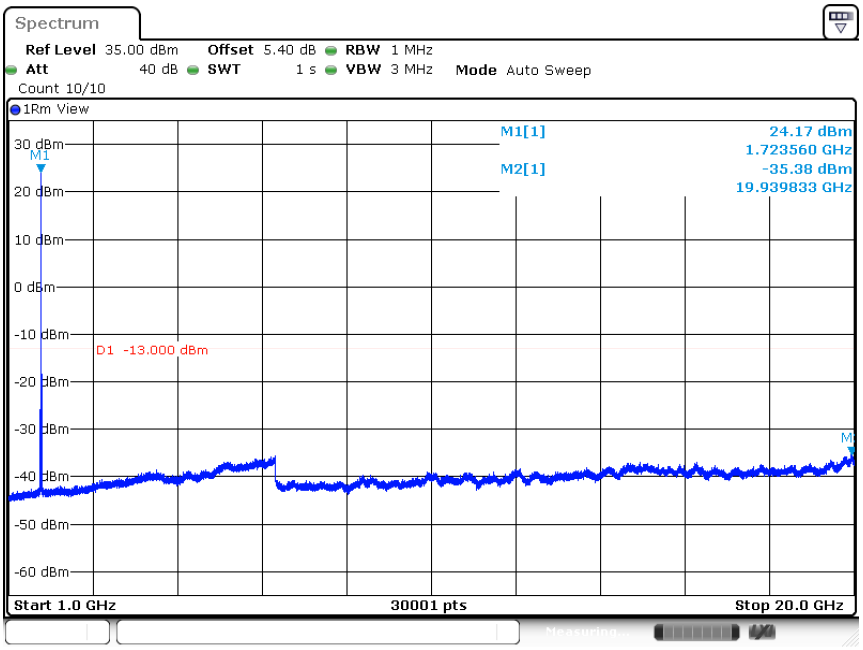
Band4-20MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz



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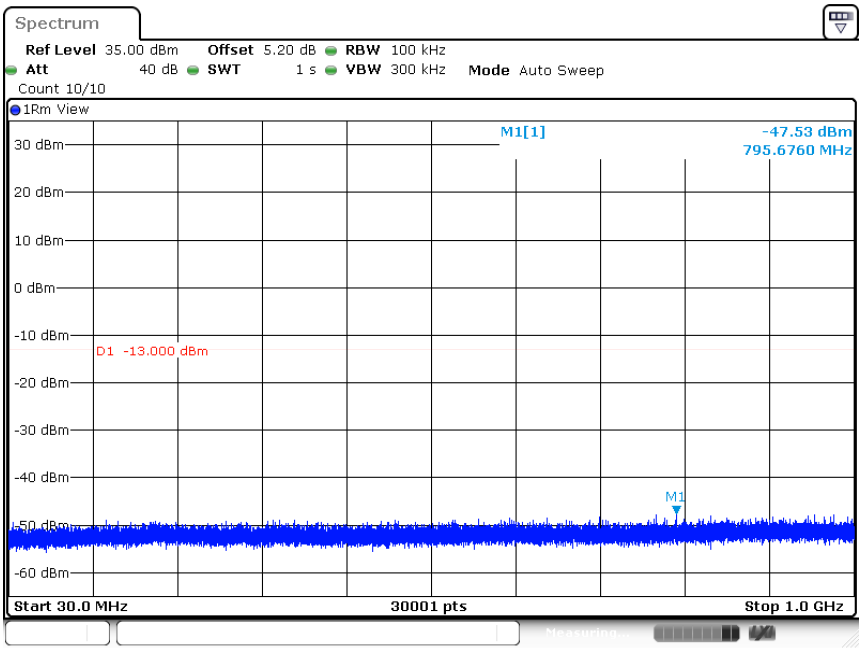
Band4-20MHz-QPSK-20300-1RB#0-Range1:30~1000MHz



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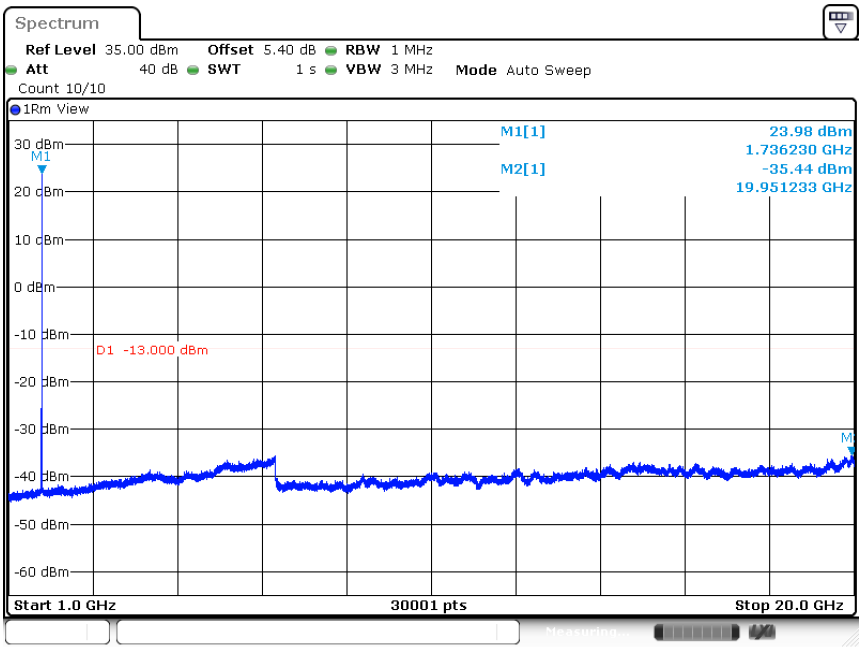
Band4-20MHz-QPSK-20300-1RB#0-Range2:1000~20000MHz



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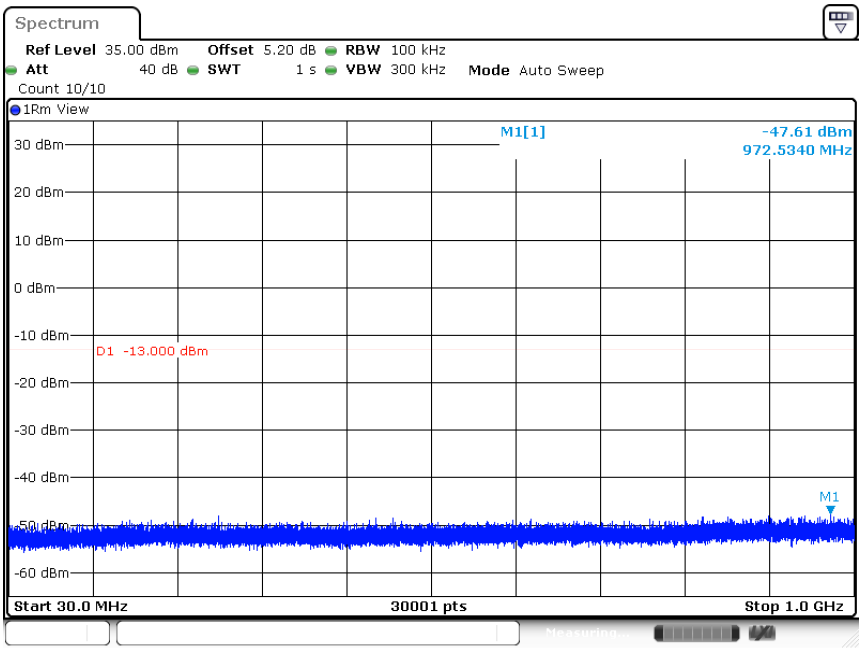

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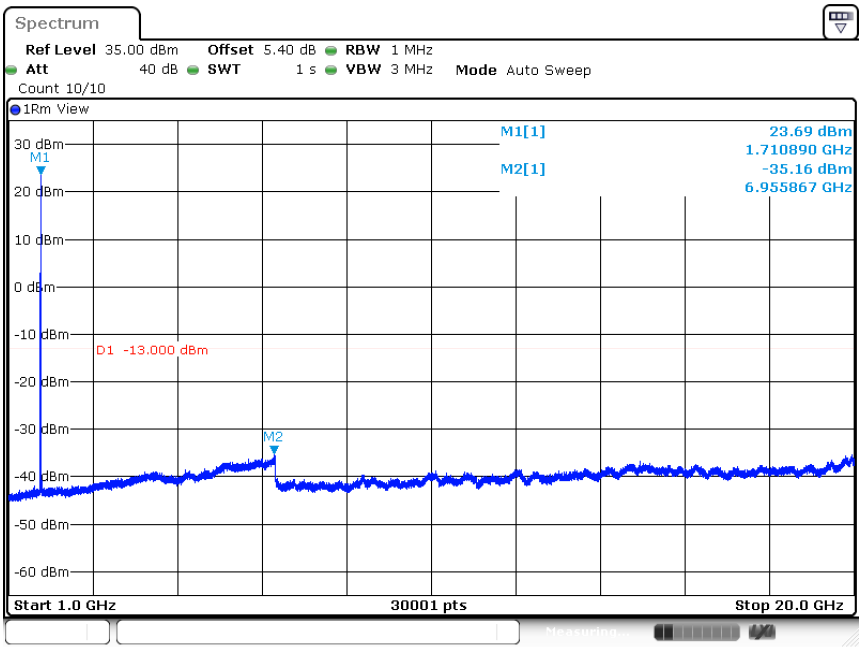
Band4-20MHz-64QAM-20050-1RB#0-Range2:1000~20000MHz



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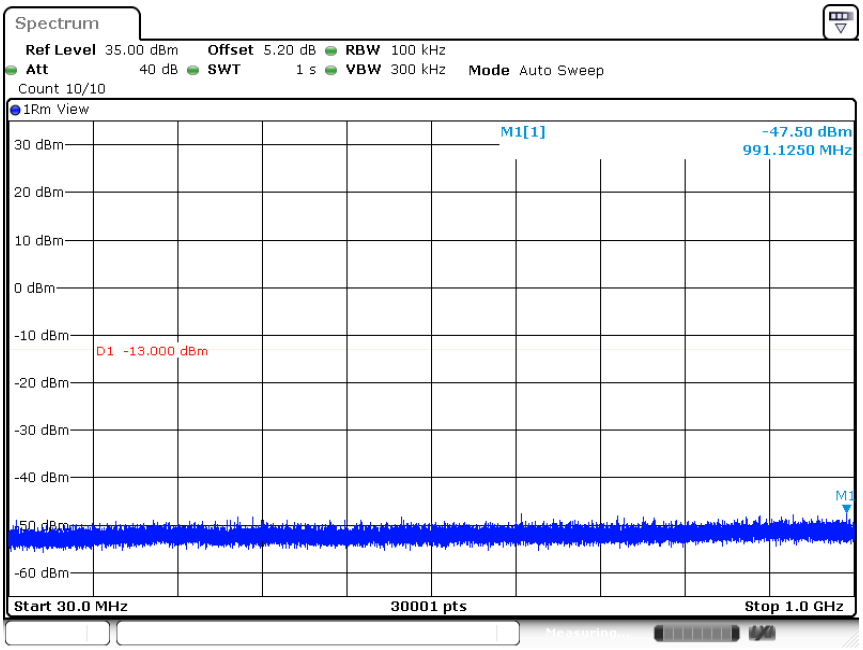

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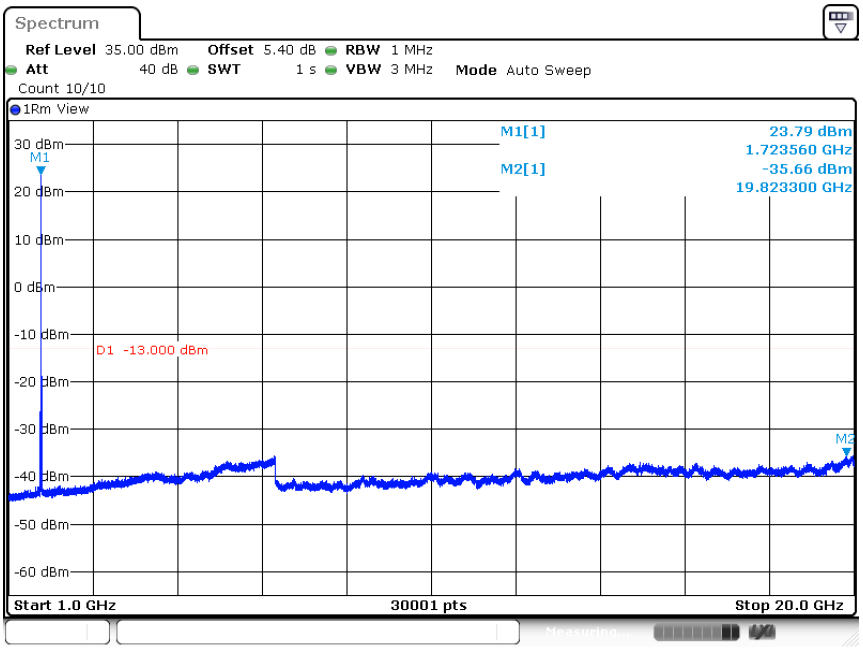
Band4-20MHz-64QAM-20175-1RB#0-Range2:1000~20000MHz



Date: 9.DEC.2020 00:15:46

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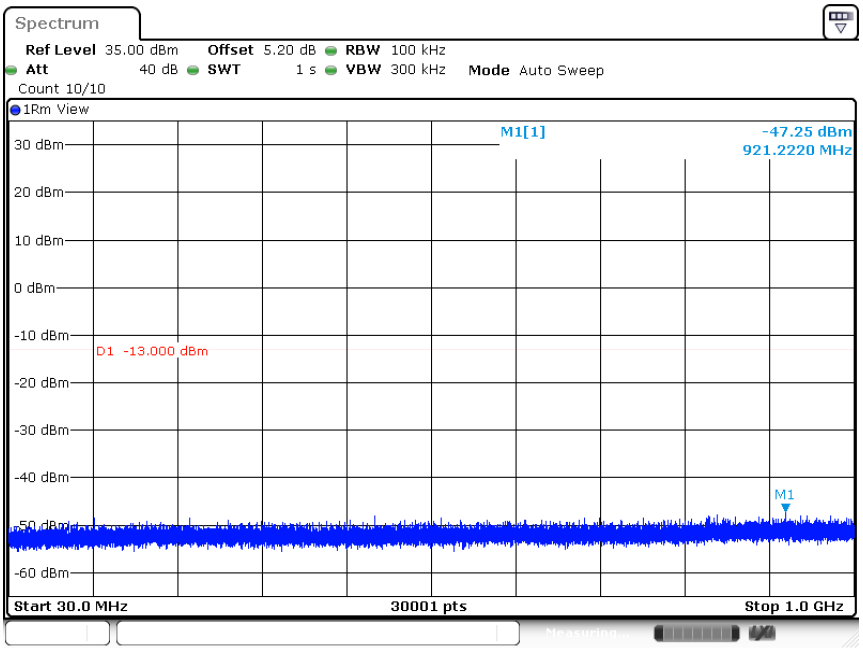

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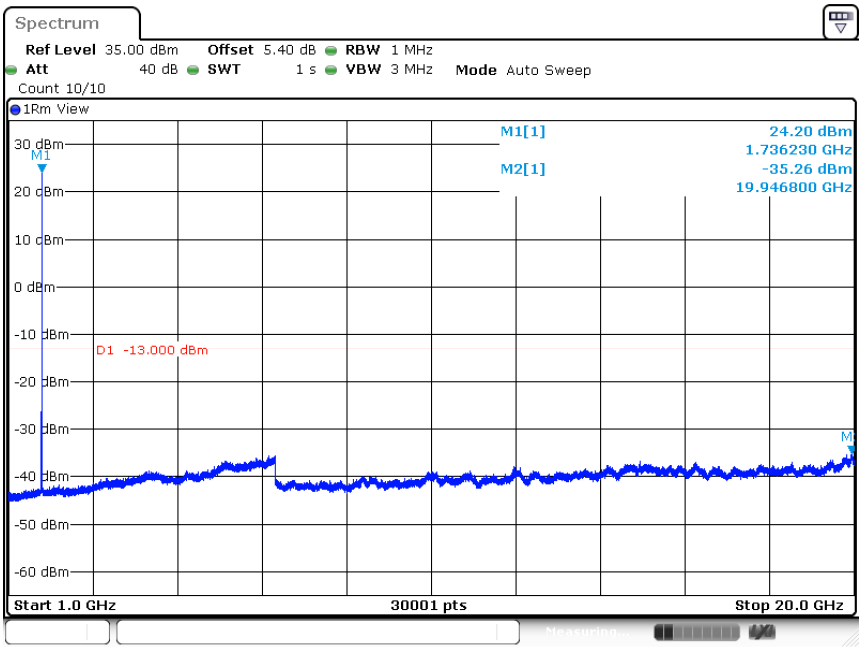
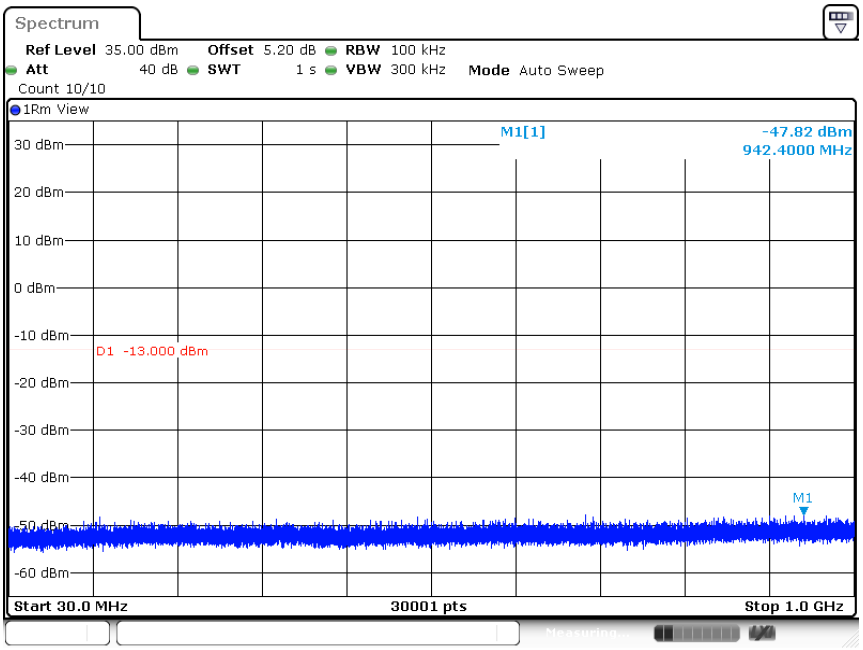
Band4-20MHz-64QAM-20300-1RB#0-Range2:1000~20000MHz



Date: 9.DEC.2020 00:16:21

Band4-20MHz-16QAM-20050-1RB#0-Range1:30~1000MHz



Date: 8.DEC.2020 22:15:00

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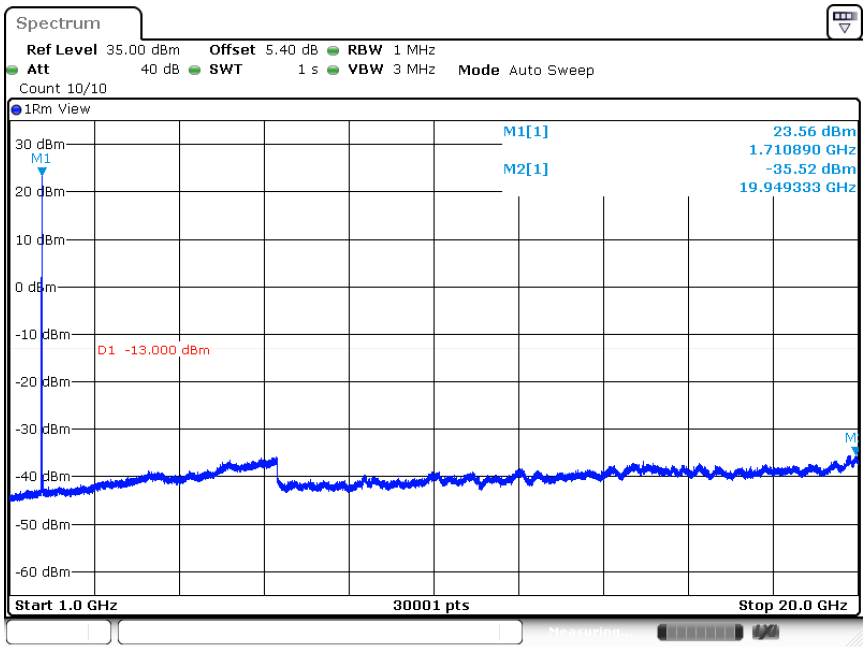

Date: 8.DEC.2020 22:15:16

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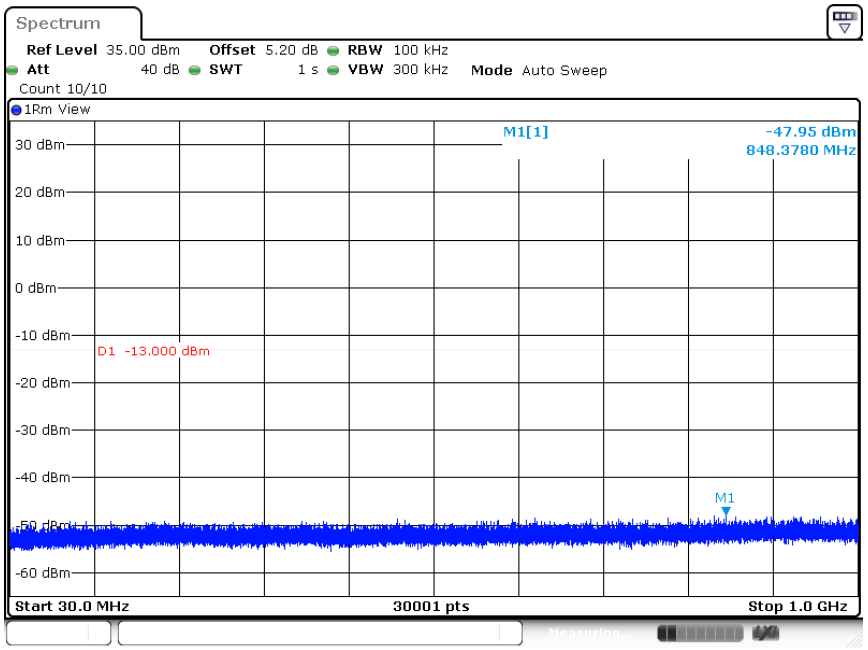

Date: 8.DEC.2020 22:16:09

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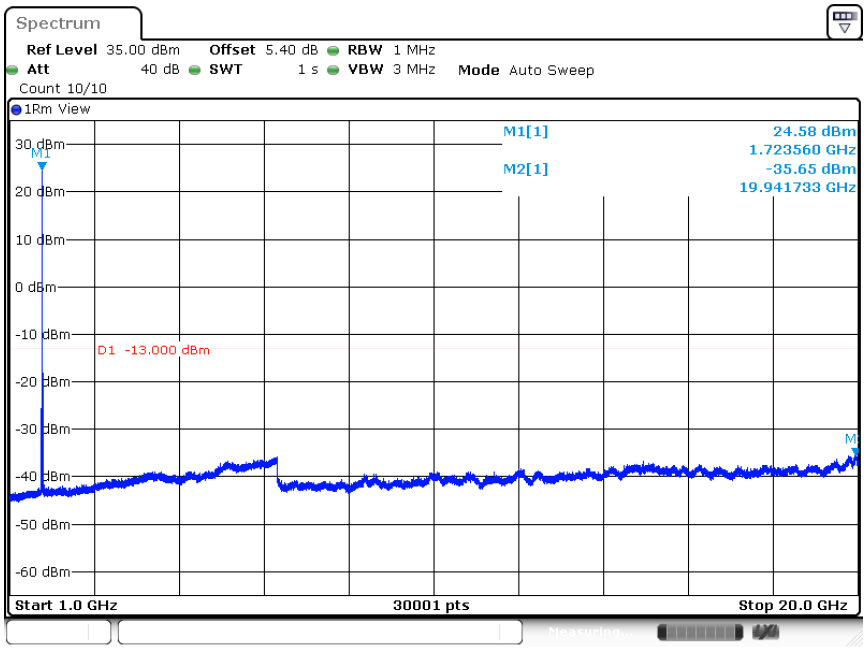
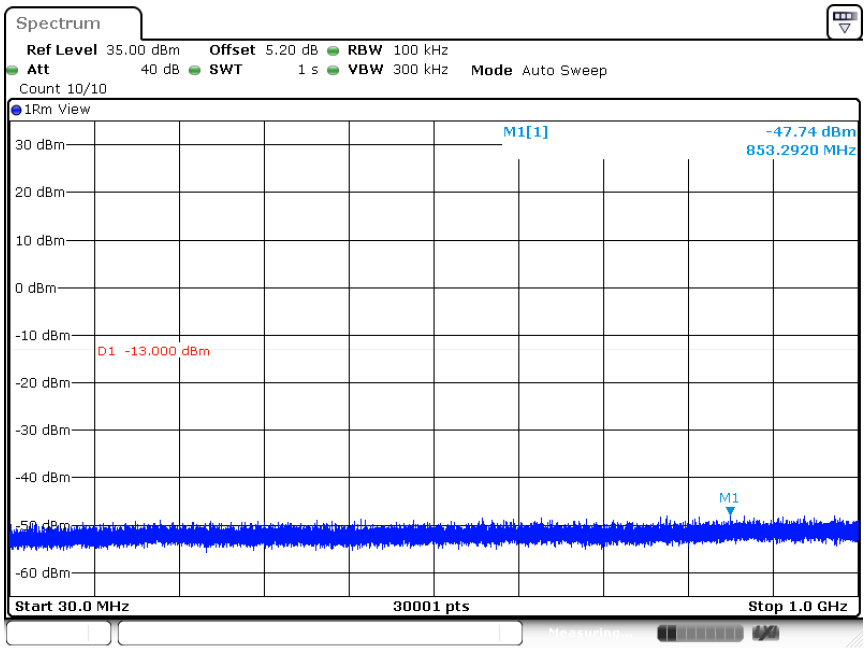
Band4-20MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz



Date: 8.DEC.2020 22:16:26

Band4-20MHz-16QAM-20300-1RB#0-Range1:30~1000MHz



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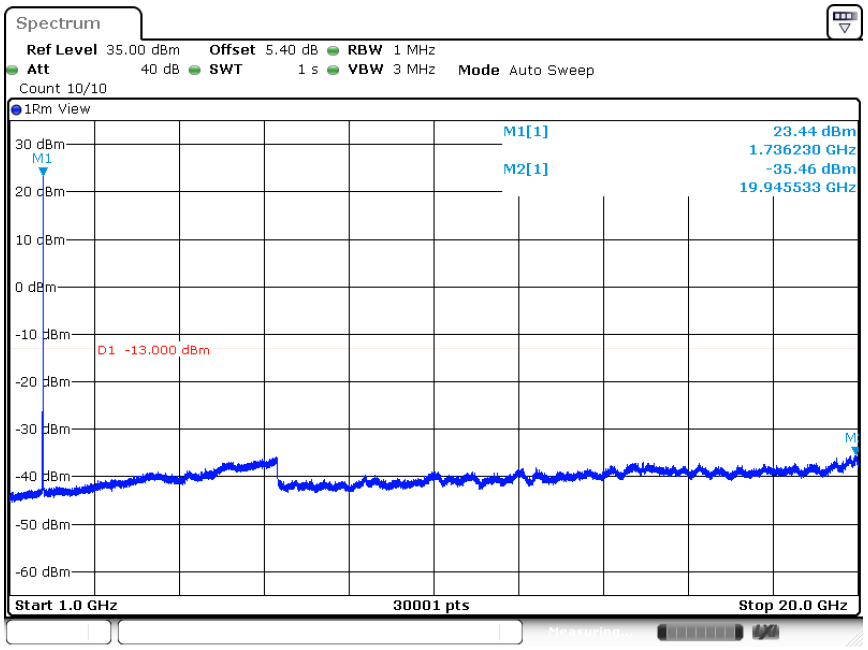

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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 20MHz(ANT4)

7.1.1.Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
56.650000	-79.63	-13.00	66.63	Vertical
125.000000	-83.51	-13.00	70.51	Vertical
332.800000	-84.92	-13.00	71.92	Vertical
4371.175000	-65.29	-13.00	52.29	Vertical
8555.550000	-61.11	-13.00	48.11	Vertical
11977.800000	-55.71	-13.00	42.71	Vertical
62.200000	-75.68	-13.00	62.68	Horizontal
206.100000	-85.15	-13.00	72.15	Horizontal
620.820833	-80.37	-13.00	67.37	Horizontal
3422.175000	-65.79	-13.00	52.79	Horizontal
7052.750000	-62.68	-13.00	49.68	Horizontal
11977.800000	-56.04	-13.00	43.04	Horizontal

7.1.2.Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
62.600000	-80.37	-13.00	67.37	Vertical
124.950000	-84.16	-13.00	71.16	Vertical
363.850000	-83.62	-13.00	70.62	Vertical
4909.050000	-65.16	-13.00	52.16	Vertical
8617.950000	-59.78	-13.00	46.78	Vertical
12065.225000	-55.02	-13.00	42.02	Vertical
62.350000	-75.59	-13.00	62.59	Horizontal
89.750000	-85.52	-13.00	72.52	Horizontal
265.600000	-85.53	-13.00	72.53	Horizontal
5081.300000	-65.38	-13.00	52.38	Horizontal
9071.000000	-61.52	-13.00	48.52	Horizontal
12065.225000	-56.21	-13.00	43.21	Horizontal

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7.1.3.Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.100000	-79.46	-13.00	66.46	Vertical
125.000000	-83.86	-13.00	70.86	Vertical
354.850000	-84.42	-13.00	71.42	Vertical
4406.275000	-65.31	-13.00	52.31	Vertical
8680.350000	-60.70	-13.00	47.70	Vertical
12152.975000	-54.75	-13.00	41.75	Vertical
62.700000	-75.09	-13.00	62.09	Horizontal
90.450000	-85.29	-13.00	72.29	Horizontal
259.750000	-85.96	-13.00	72.96	Horizontal
4420.900000	-65.02	-13.00	52.02	Horizontal
8681.000000	-60.64	-13.00	47.64	Horizontal
12152.650000	-58.79	-13.00	45.79	Horizontal

7.2. Test Mode =LTE/TM1 20MHz(ANT3)

7.2.1.Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.100000	-79.23	-13.00	66.23	Vertical
104.250000	-77.84	-13.00	64.84	Vertical
322.500000	-83.36	-13.00	70.36	Vertical
6844.425000	-61.53	-13.00	48.53	Vertical
8555.550000	-54.71	-13.00	41.71	Vertical
11977.475000	-51.80	-13.00	38.80	Vertical
55.950000	-75.30	-13.00	62.30	Horizontal
159.400000	-82.70	-13.00	69.70	Horizontal
326.000000	-82.91	-13.00	69.91	Horizontal
4208.675000	-64.87	-13.00	51.87	Horizontal
8555.550000	-61.13	-13.00	48.13	Horizontal
11977.800000	-56.09	-13.00	43.09	Horizontal

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7.2.2.Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
55.300000	-79.81	-13.00	66.81	Vertical
104.300000	-77.50	-13.00	64.50	Vertical
330.550000	-83.24	-13.00	70.24	Vertical
4212.575000	-65.37	-13.00	52.37	Vertical
8617.950000	-56.87	-13.00	43.87	Vertical
12065.225000	-57.78	-13.00	44.78	Vertical
62.700000	-75.96	-13.00	62.96	Horizontal
88.450000	-81.05	-13.00	68.05	Horizontal
330.750000	-83.78	-13.00	70.78	Horizontal
4298.050000	-65.03	-13.00	52.03	Horizontal
6490.175000	-63.39	-13.00	50.39	Horizontal
9222.775000	-61.06	-13.00	48.06	Horizontal

7.2.3.Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.550000	-79.21	-13.00	66.21	Vertical
104.300000	-77.56	-13.00	64.56	Vertical
353.550000	-83.75	-13.00	70.75	Vertical
8680.675000	-55.38	-13.00	42.38	Vertical
10416.825000	-57.74	-13.00	44.74	Vertical
12152.975000	-56.12	-13.00	43.12	Vertical
56.600000	-75.21	-13.00	62.21	Horizontal
104.300000	-82.49	-13.00	69.49	Horizontal
159.450000	-83.59	-13.00	70.59	Horizontal
4278.225000	-65.41	-13.00	52.41	Horizontal
6253.250000	-62.90	-13.00	49.90	Horizontal
8680.025000	-60.55	-13.00	47.55	Horizontal

Remark:

1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.

2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.

3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.

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8. Frequency Stability

8.1. Frequency Vs Voltage

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	VL	NT	1.60	0.000930	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	4.10	0.002384	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	2.70	0.001570	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	0.80	0.000462	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	-2.10	-0.001212	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	1.10	0.000635	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	-5.60	-0.003209	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	-0.90	-0.000516	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	0.30	0.000172	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VL	NT	-0.70	-0.000407	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VN	NT	4.30	0.002500	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VH	NT	-0.50	-0.000291	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	-0.70	-0.000404	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	-1.60	-0.000924	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	0.80	0.000462	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VL	NT	2.80	0.001605	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VN	NT	0.90	0.000516	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VH	NT	1.20	0.000688	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VL	NT	2.90	0.001686	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VN	NT	3.80	0.002209	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VH	NT	0.30	0.000174	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VL	NT	-1.10	-0.000635	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VN	NT	-0.80	-0.000462	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VH	NT	2.40	0.001385	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VL	NT	-3.80	-0.002178	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VN	NT	-2.60	-0.001490	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VH	NT	-4.60	-0.002636	±2.5	PASS

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8.2. Frequency Vs Temperature

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	NV	-30	1.60	0.000930	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	2.70	0.001570	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-10	4.00	0.002326	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	4.60	0.002674	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	3.90	0.002267	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	-1.20	-0.000698	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	30	-0.70	-0.000407	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	40	1.40	0.000814	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	5.50	0.003198	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	1.60	0.000924	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	-0.50	-0.000289	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-10	-0.10	-0.000058	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	0.10	0.000058	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	-1.00	-0.000577	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	-2.20	-0.001270	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	-3.40	-0.001962	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	0.30	0.000173	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	-1.30	-0.000750	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	-4.80	-0.002751	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	-7.80	-0.004470	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-10	-6.50	-0.003725	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	-2.20	-0.001261	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	-2.90	-0.001662	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	0.20	0.000115	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	30	-2.00	-0.001146	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	40	1.10	0.000630	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	-3.40	-0.001948	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-30	2.50	0.001453	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-20	4.20	0.002442	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-10	2.30	0.001337	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	0	7.30	0.004244	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	10	5.00	0.002907	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	20	1.50	0.000872	±2.5	PASS

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Band4	20MHz	16QAM	20050	100RB#0	NV	30	2.80	0.001628	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	40	-1.80	-0.001047	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	50	6.40	0.003721	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	-1.50	-0.000866	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	1.80	0.001039	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-10	1.20	0.000693	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	1.60	0.000924	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	-5.40	-0.003117	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	1.80	0.001039	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	30	3.80	0.002193	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	40	0.90	0.000519	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	50	6.30	0.003636	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-30	-6.70	-0.003840	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-20	-0.40	-0.000229	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-10	-1.30	-0.000745	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	0	4.30	0.002464	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	10	-3.60	-0.002063	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	20	-1.20	-0.000688	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	30	-4.40	-0.002521	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	40	-3.30	-0.001891	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	50	-4.10	-0.002350	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-30	2.20	0.001279	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-20	2.70	0.001570	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-10	1.50	0.000872	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	0	2.20	0.001279	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	10	1.90	0.001105	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	20	-0.50	-0.000291	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	30	1.80	0.001047	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	40	1.10	0.000640	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	50	-0.80	-0.000465	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-30	-1.00	-0.000577	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-20	-2.40	-0.001385	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-10	2.20	0.001270	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	0	1.00	0.000577	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	10	-1.40	-0.000808	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	20	1.60	0.000924	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	30	0.60	0.000346	±2.5	PASS

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Band4	20MHz	64QAM	20175	100RB#0	NV	40	1.40	0.000808	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	50	2.00	0.001154	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-30	-2.30	-0.001318	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-20	-2.30	-0.001318	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-10	-0.20	-0.000115	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	0	-3.30	-0.001891	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	10	-1.40	-0.000802	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	20	-4.20	-0.002407	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	30	-4.00	-0.002292	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	40	-3.20	-0.001834	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	50	-2.30	-0.001318	±2.5	PASS

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