Appendix B

E-UTRA Band 4

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1 Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	23.63	24.08	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	23.77	24.22	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.64	24.09	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	23.68	24.13	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	23.77	24.22	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	23.73	24.18	30.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.58	23.03	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.69	24.14	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.82	24.27	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.60	24.05	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	23.73	24.18	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	23.78	24.23	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	23.72	24.17	30.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.74	23.19	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.26	23.71	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.49	23.94	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.24	23.69	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	23.41	23.86	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	23.43	23.88	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	23.35	23.8	30.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.53	22.98	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	23.00	23.45	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	23.00	23.45	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.98	23.43	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	22.89	23.34	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	22.90	23.35	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	22.88	23.33	30.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.57	22.02	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	23.11	23.56	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	23.11	23.56	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	23.02	23.47	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	22.94	23.39	30.00	PASS

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Band4	1.4MHz	16QAM	20175	3RB#1	22.93	23.38	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	22.88	23.33	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.58	22.03	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.73	23.18	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.73	23.18	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.85	23.3	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	22.90	23.35	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	22.93	23.38	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	22.88	23.33	30.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.58	22.03	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	22.22	22.67	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	22.09	22.54	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	22.13	22.58	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#0	22.06	22.51	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#1	22.06	22.51	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#3	21.96	22.41	30.00	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	21.33	21.78	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	22.26	22.71	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	22.18	22.63	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	22.16	22.61	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#0	22.13	22.58	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#1	22.09	22.54	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#3	22.04	22.49	30.00	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	21.30	21.75	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	22.29	22.74	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	22.13	22.58	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	22.23	22.68	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#0	22.16	22.61	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#1	22.17	22.62	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#3	21.99	22.44	30.00	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	21.29	21.74	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.01	23.46	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.53	23.98	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.84	24.29	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#0	22.78	23.23	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#4	22.86	23.31	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#7	22.76	23.21	30.00	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.75	23.2	30.00	PASS

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Band4	3MHz	QPSK	20175	1RB#0	23.36	23.81	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.68	24.13	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.83	24.28	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#0	22.90	23.35	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#4	22.66	23.11	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#7	22.81	23.26	30.00	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.80	23.25	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.45	23.9	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.64	24.09	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.41	23.86	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#0	22.65	23.1	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#4	22.90	23.35	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#7	22.69	23.14	30.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.91	23.36	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	23.28	23.73	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	23.25	23.7	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#14	23.23	23.68	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#0	22.04	22.49	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.99	22.44	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#7	22.04	22.49	30.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.81	22.26	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	23.11	23.56	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#8	23.19	23.64	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#14	23.02	23.47	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#0	22.22	22.67	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#4	22.07	22.52	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#7	22.03	22.48	30.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.85	22.3	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.99	23.44	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#8	23.13	23.58	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	23.21	23.66	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#0	22.12	22.57	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#4	22.26	22.71	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.99	22.44	30.00	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.93	22.38	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#0	22.41	22.86	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#8	22.41	22.86	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#14	22.24	22.69	30.00	PASS

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Band4	3MHz	64QAM	19965	8RB#0	21.35	21.8	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#4	21.40	21.85	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#7	21.37	21.82	30.00	PASS
Band4	3MHz	64QAM	19965	15RB#0	21.30	21.75	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#0	22.43	22.88	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#8	22.20	22.65	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#14	22.30	22.75	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#0	21.40	21.85	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#4	21.62	22.07	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#7	21.40	21.85	30.00	PASS
Band4	3MHz	64QAM	20175	15RB#0	21.41	21.86	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#0	22.55	23	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#8	22.32	22.77	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#14	22.31	22.76	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#0	21.41	21.86	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#4	21.64	22.09	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#7	21.38	21.83	30.00	PASS
Band4	3MHz	64QAM	20385	15RB#0	21.47	21.92	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.97	23.42	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.61	24.06	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.87	24.32	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#0	22.77	23.22	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#6	22.82	23.27	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#13	22.75	23.2	30.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.83	23.28	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.28	23.73	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.73	24.18	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.80	24.25	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#0	22.71	23.16	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#6	22.78	23.23	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#13	22.75	23.2	30.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.68	23.13	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.64	24.09	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.48	23.93	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.51	23.96	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#0	22.81	23.26	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#6	22.93	23.38	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#13	22.77	23.22	30.00	PASS

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Band4	5MHz	QPSK	20375	25RB#0	22.87	23.32	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	23.23	23.68	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	23.20	23.65	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#24	23.09	23.54	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#0	21.98	22.43	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#6	22.01	22.46	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#13	22.05	22.5	30.00	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.79	22.24	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	23.08	23.53	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	23.17	23.62	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#24	23.00	23.45	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#0	22.02	22.47	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#6	22.05	22.5	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#13	22.02	22.47	30.00	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.80	22.25	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	23.07	23.52	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#12	23.14	23.59	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	23.01	23.46	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#0	21.99	22.44	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#6	22.20	22.65	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#13	22.09	22.54	30.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	22.06	22.51	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#0	22.46	22.91	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#12	22.26	22.71	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#24	22.31	22.76	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#0	21.37	21.82	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#6	21.41	21.86	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#13	21.37	21.82	30.00	PASS
Band4	5MHz	64QAM	19975	25RB#0	21.42	21.87	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#0	22.42	22.87	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#12	22.26	22.71	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#24	22.44	22.89	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#0	21.46	21.91	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#6	21.50	21.95	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#13	21.33	21.78	30.00	PASS
Band4	5MHz	64QAM	20175	25RB#0	21.40	21.85	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#0	22.55	23	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#12	22.42	22.87	30.00	PASS

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Band4	5MHz	64QAM	20375	1RB#24	22.15	22.6	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#0	21.32	21.77	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#6	21.64	22.09	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#13	21.35	21.8	30.00	PASS
Band4	5MHz	64QAM	20375	25RB#0	21.45	21.9	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	23.03	23.48	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.61	24.06	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.90	24.35	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#0	22.83	23.28	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#12	22.80	23.25	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#25	22.78	23.23	30.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.80	23.25	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.36	23.81	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.75	24.2	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.87	24.32	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#0	22.81	23.26	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#12	22.74	23.19	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#25	22.76	23.21	30.00	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.77	23.22	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.55	24	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.54	23.99	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.49	23.94	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#0	22.75	23.2	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#12	22.95	23.4	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#25	22.73	23.18	30.00	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.86	23.31	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	23.21	23.66	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#24	23.23	23.68	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#49	23.14	23.59	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#0	22.00	22.45	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#12	22.04	22.49	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#25	22.07	22.52	30.00	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.83	22.28	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#0	23.16	23.61	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#24	23.20	23.65	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#49	23.06	23.51	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#0	22.12	22.57	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#12	22.15	22.6	30.00	PASS

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Band4	10MHz	16QAM	20175	25RB#25	22.06	22.51	30.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.89	22.34	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	23.02	23.47	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#24	23.21	23.66	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	23.11	23.56	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#0	22.09	22.54	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#12	22.19	22.64	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#25	21.99	22.44	30.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.98	22.43	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#0	22.43	22.88	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#24	22.29	22.74	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#49	22.21	22.66	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#0	21.48	21.93	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#12	21.44	21.89	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#25	21.33	21.78	30.00	PASS
Band4	10MHz	64QAM	20000	50RB#0	21.34	21.79	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#0	22.38	22.83	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#24	22.33	22.78	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#49	22.40	22.85	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#0	21.41	21.86	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#12	21.49	21.94	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#25	21.28	21.73	30.00	PASS
Band4	10MHz	64QAM	20175	50RB#0	21.32	21.77	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#0	22.56	23.01	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#24	22.33	22.78	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#49	22.28	22.73	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#0	21.49	21.94	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#12	21.56	22.01	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#25	21.38	21.83	30.00	PASS
Band4	10MHz	64QAM	20350	50RB#0	21.48	21.93	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.96	23.41	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.55	24	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#74	24.00	24.45	30.00	PASS
Band4	15MHz	QPSK	20025	38RB#0	22.86	23.31	30.00	PASS
Band4	15MHz	QPSK	20025	38RB#18	22.72	23.17	30.00	PASS
Band4	15MHz	QPSK	20025	38RB#37	22.80	23.25	30.00	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.81	23.26	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.28	23.73	30.00	PASS

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Band4	15MHz	QPSK	20175	1RB#38	23.83	24.28	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.82	24.27	30.00	PASS
Band4	15MHz	QPSK	20175	38RB#0	22.77	23.22	30.00	PASS
Band4	15MHz	QPSK	20175	38RB#18	22.79	23.24	30.00	PASS
Band4	15MHz	QPSK	20175	38RB#37	22.82	23.27	30.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.84	23.29	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.55	24	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.60	24.05	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.51	23.96	30.00	PASS
Band4	15MHz	QPSK	20325	38RB#0	22.76	23.21	30.00	PASS
Band4	15MHz	QPSK	20325	38RB#18	22.87	23.32	30.00	PASS
Band4	15MHz	QPSK	20325	38RB#37	22.71	23.16	30.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.80	23.25	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	23.26	23.71	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	23.17	23.62	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	23.09	23.54	30.00	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.95	22.4	30.00	PASS
Band4	15MHz	16QAM	20025	38RB#18	22.00	22.45	30.00	PASS
Band4	15MHz	16QAM	20025	38RB#37	22.04	22.49	30.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.86	22.31	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	23.26	23.71	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	23.20	23.65	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	23.09	23.54	30.00	PASS
Band4	15MHz	16QAM	20175	38RB#0	22.12	22.57	30.00	PASS
Band4	15MHz	16QAM	20175	38RB#18	22.11	22.56	30.00	PASS
Band4	15MHz	16QAM	20175	38RB#37	22.14	22.59	30.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.99	22.44	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#0	23.08	23.53	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	23.25	23.7	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	23.09	23.54	30.00	PASS
Band4	15MHz	16QAM	20325	38RB#0	22.00	22.45	30.00	PASS
Band4	15MHz	16QAM	20325	38RB#18	22.28	22.73	30.00	PASS
Band4	15MHz	16QAM	20325	38RB#37	22.08	22.53	30.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	22.06	22.51	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#0	22.51	22.96	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#38	22.33	22.78	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#74	22.36	22.81	30.00	PASS
Band4	15MHz	64QAM	20025	38RB#0	21.38	21.83	30.00	PASS

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Band4	15MHz	64QAM	20025	38RB#18	21.57	22.02	30.00	PASS
Band4	15MHz	64QAM	20025	38RB#37	21.43	21.88	30.00	PASS
Band4	15MHz	64QAM	20025	75RB#0	21.34	21.79	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#0	22.51	22.96	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#38	22.32	22.77	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#74	22.40	22.85	30.00	PASS
Band4	15MHz	64QAM	20175	38RB#0	21.39	21.84	30.00	PASS
Band4	15MHz	64QAM	20175	38RB#18	21.55	22	30.00	PASS
Band4	15MHz	64QAM	20175	38RB#37	21.40	21.85	30.00	PASS
Band4	15MHz	64QAM	20175	75RB#0	21.34	21.79	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#0	22.53	22.98	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#38	22.41	22.86	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#74	22.31	22.76	30.00	PASS
Band4	15MHz	64QAM	20325	38RB#0	21.41	21.86	30.00	PASS
Band4	15MHz	64QAM	20325	38RB#18	21.58	22.03	30.00	PASS
Band4	15MHz	64QAM	20325	38RB#37	21.38	21.83	30.00	PASS
Band4	15MHz	64QAM	20325	75RB#0	21.34	21.79	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.00	23.45	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.68	24.13	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.84	24.29	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#0	22.78	23.23	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#25	22.83	23.28	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#50	22.71	23.16	30.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.83	23.28	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.33	23.78	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.72	24.17	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.85	24.3	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#0	22.75	23.2	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#25	22.67	23.12	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#50	22.67	23.12	30.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.86	23.31	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.48	23.93	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.45	23.9	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.56	24.01	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#0	22.70	23.15	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#25	22.85	23.3	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#50	22.81	23.26	30.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.77	23.22	30.00	PASS

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Band4	20MHz	16QAM	20050	1RB#0	23.17	23.62	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	23.19	23.64	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#99	23.18	23.63	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#0	21.98	22.43	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#25	22.14	22.59	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#50	22.01	22.46	30.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.77	22.22	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	23.21	23.66	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	23.16	23.61	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	23.12	23.57	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#0	22.20	22.65	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#25	22.17	22.62	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#50	21.99	22.44	30.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.99	22.44	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.95	23.4	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#49	23.13	23.58	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	23.19	23.64	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#0	22.19	22.64	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#25	22.12	22.57	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#50	22.02	22.47	30.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.89	22.34	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#0	22.42	22.87	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#49	22.31	22.76	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#99	22.30	22.75	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#0	21.40	21.85	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#25	21.47	21.92	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#50	21.42	21.87	30.00	PASS
Band4	20MHz	64QAM	20050	100RB#0	21.32	21.77	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#0	22.46	22.91	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#49	22.27	22.72	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#99	22.34	22.79	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#0	21.48	21.93	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#25	21.57	22.02	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#50	21.37	21.82	30.00	PASS
Band4	20MHz	64QAM	20175	100RB#0	21.42	21.87	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#0	22.48	22.93	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#49	22.32	22.77	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#99	22.24	22.69	30.00	PASS

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Band4	20MHz	64QAM	20300	50RB#0	21.41	21.86	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#25	21.60	22.05	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#50	21.38	21.83	30.00	PASS
Band4	20MHz	64QAM	20300	100RB#0	21.41	21.86	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]

The conducted Power is measured by Base Station Simulator

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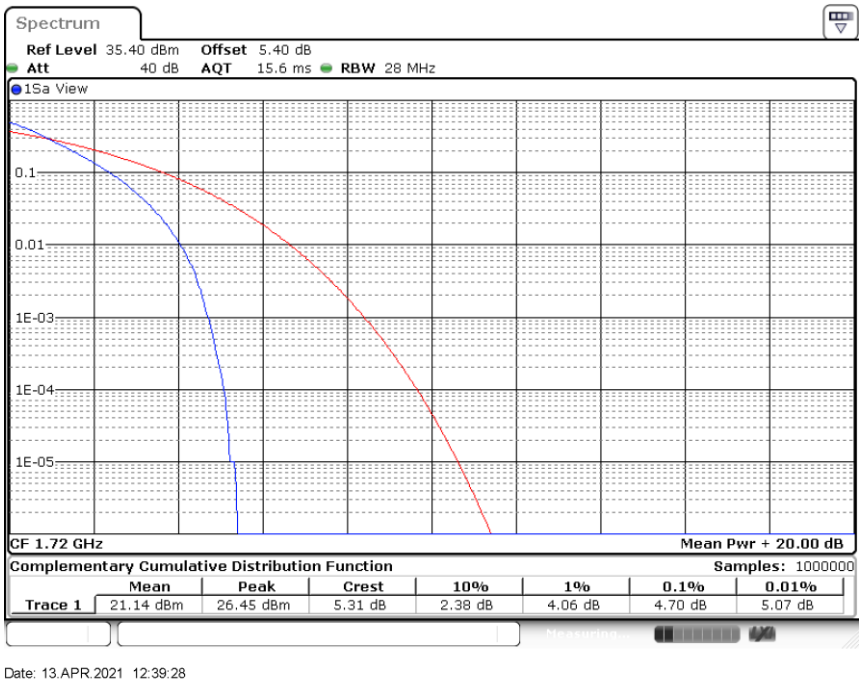
2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	4.70	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	4.78	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.90	13	PASS
Band4	20MHz	64QAM	20050	100RB#0	6.00	13	PASS
Band4	20MHz	64QAM	20175	100RB#0	5.94	13	PASS
Band4	20MHz	64QAM	20300	100RB#0	6.14	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.59	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.54	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.74	13	PASS

2.2. Test Plots

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



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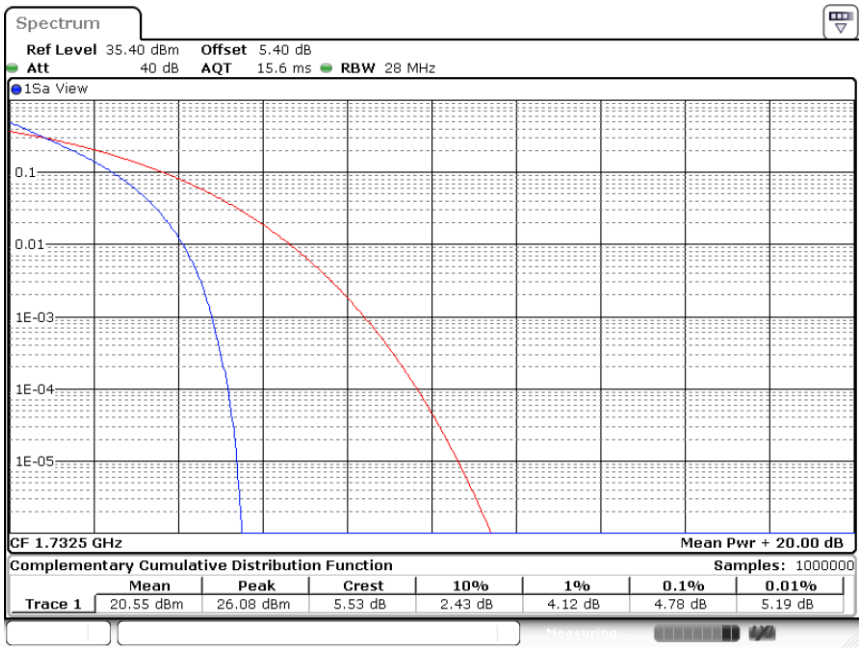
Band4-20MHz-QPSK-20175-100RB#0



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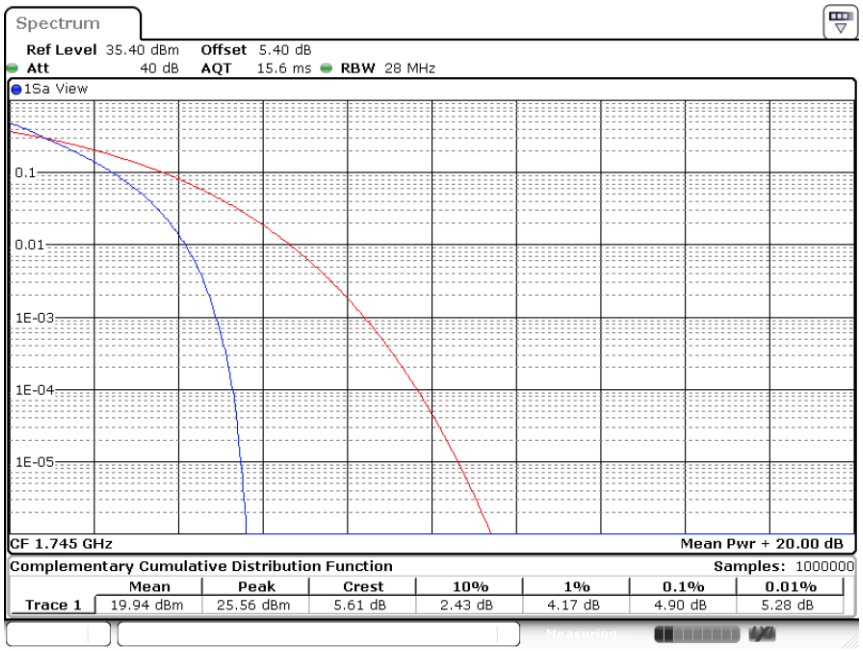
Band4-20MHz-QPSK-20300-100RB#0



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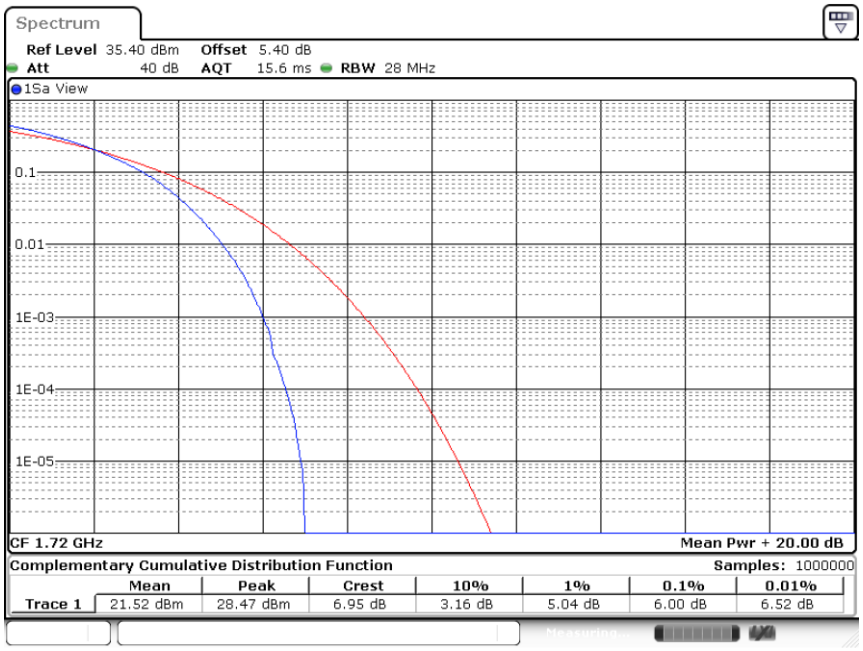
Band4-20MHz-64QAM-20050-100RB#0



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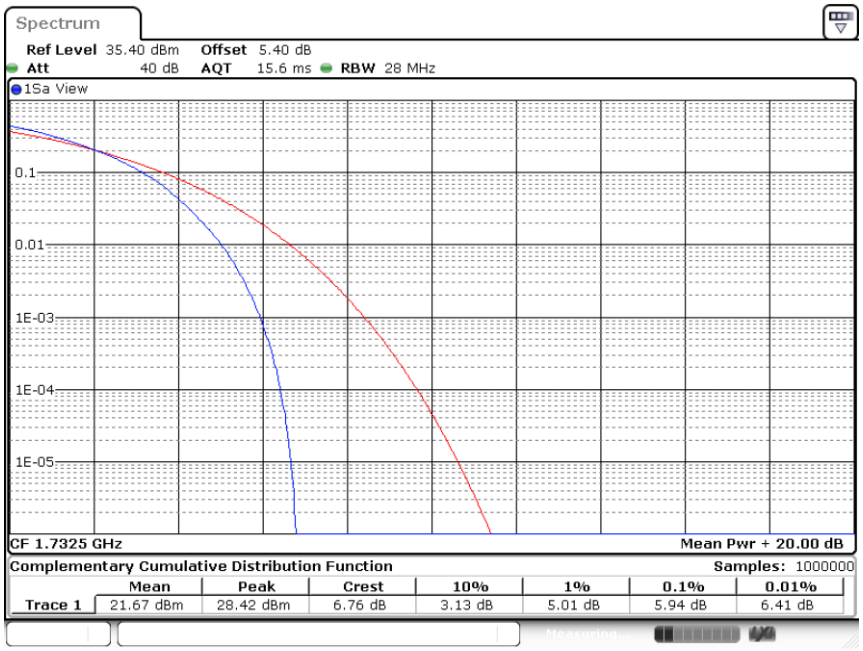
Band4-20MHz-64QAM-20175-100RB#0



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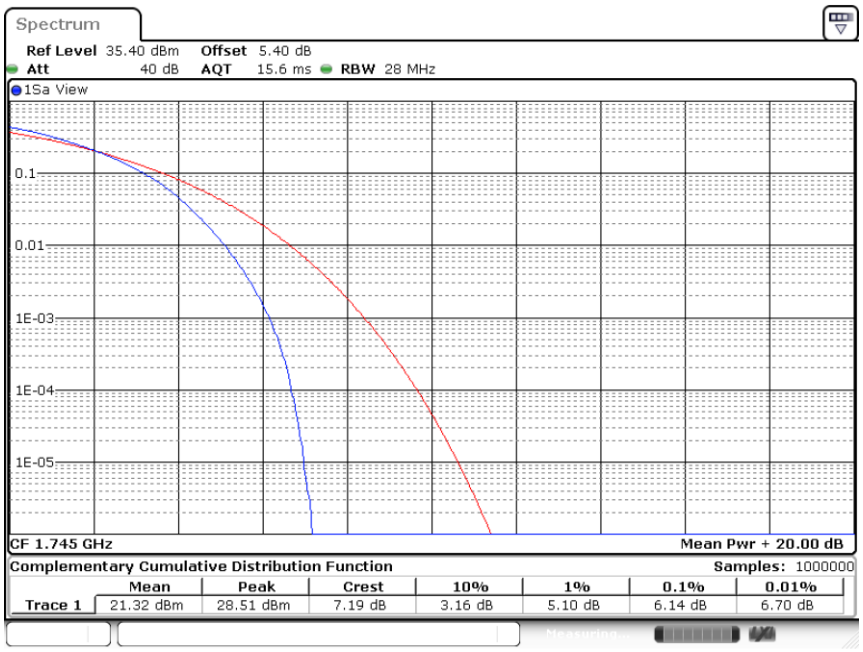

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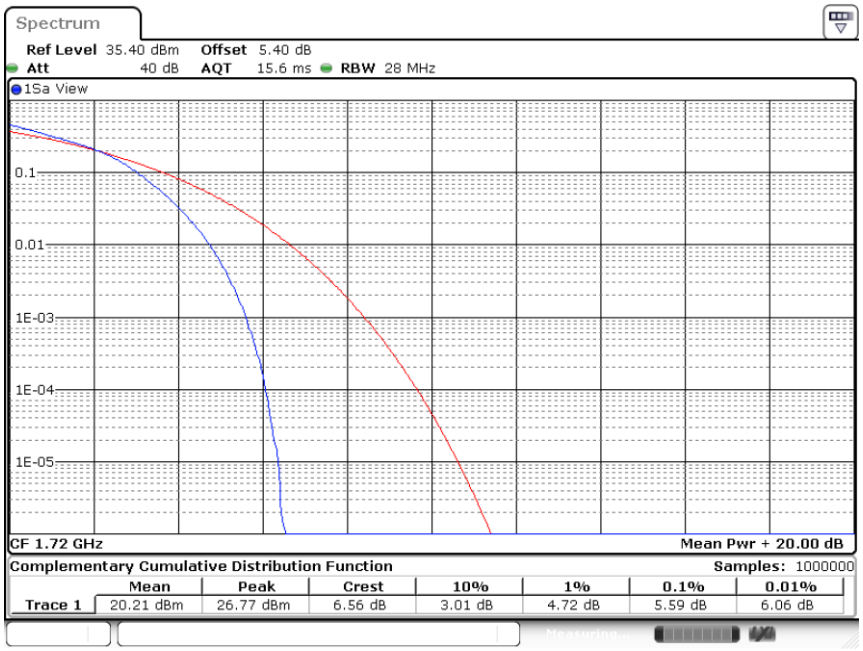
Band4-20MHz-16QAM-20050-100RB#0



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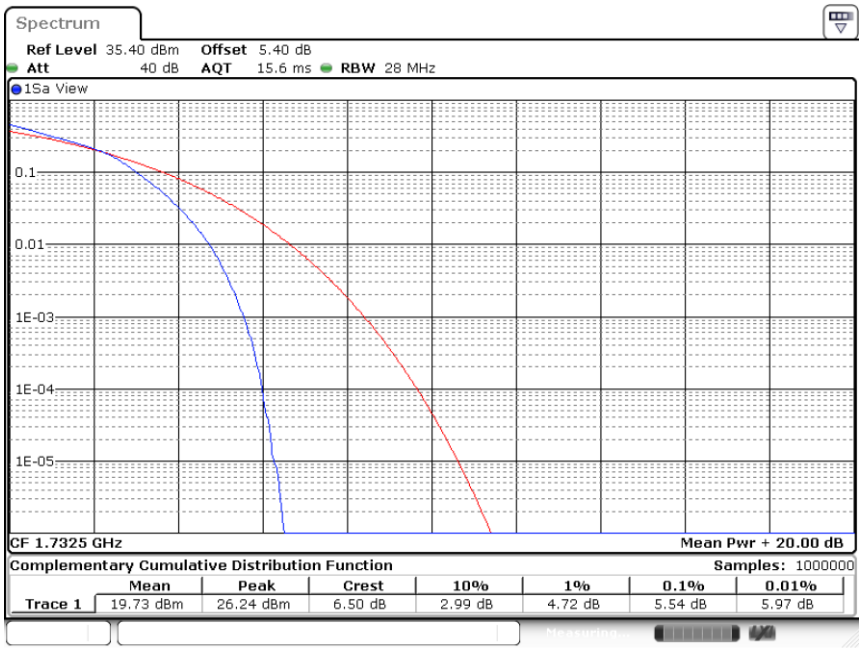

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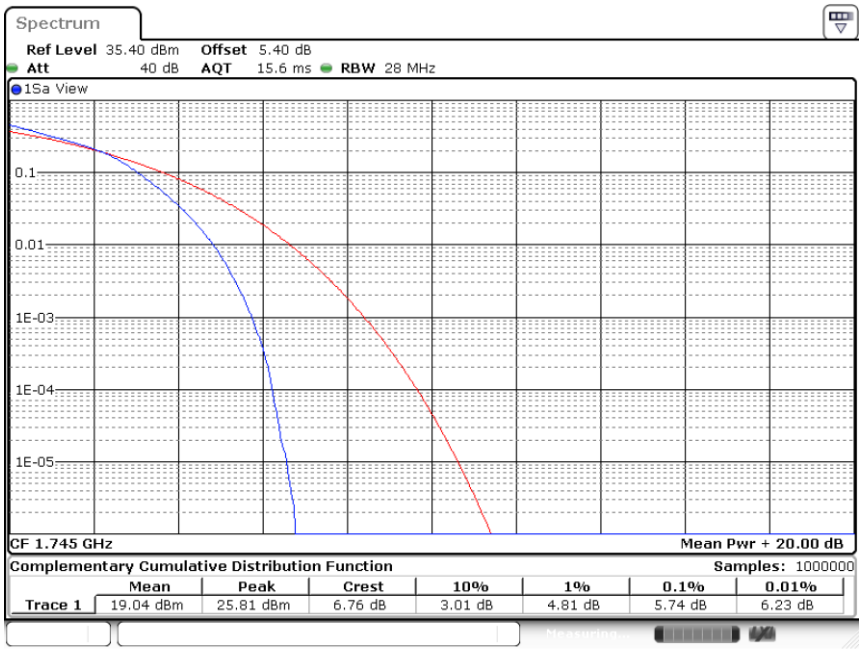
Band4-20MHz-16QAM-20300-100RB#0



Date: 13.APR.2021 12:40:24

Remark: all modulation and all Bandwidth had been tested, but only the worst configuration was displayed in this report.

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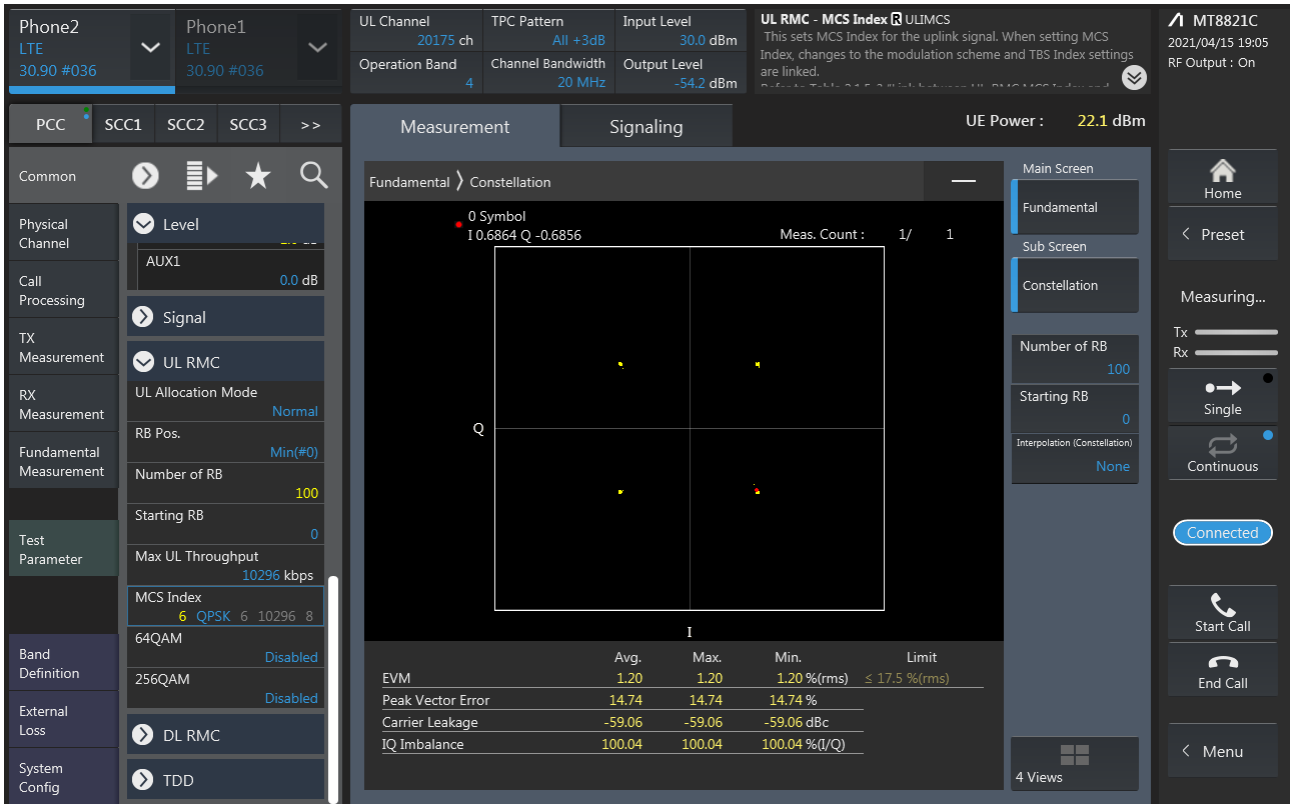
3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

3.1.1. Test Channel = MCH



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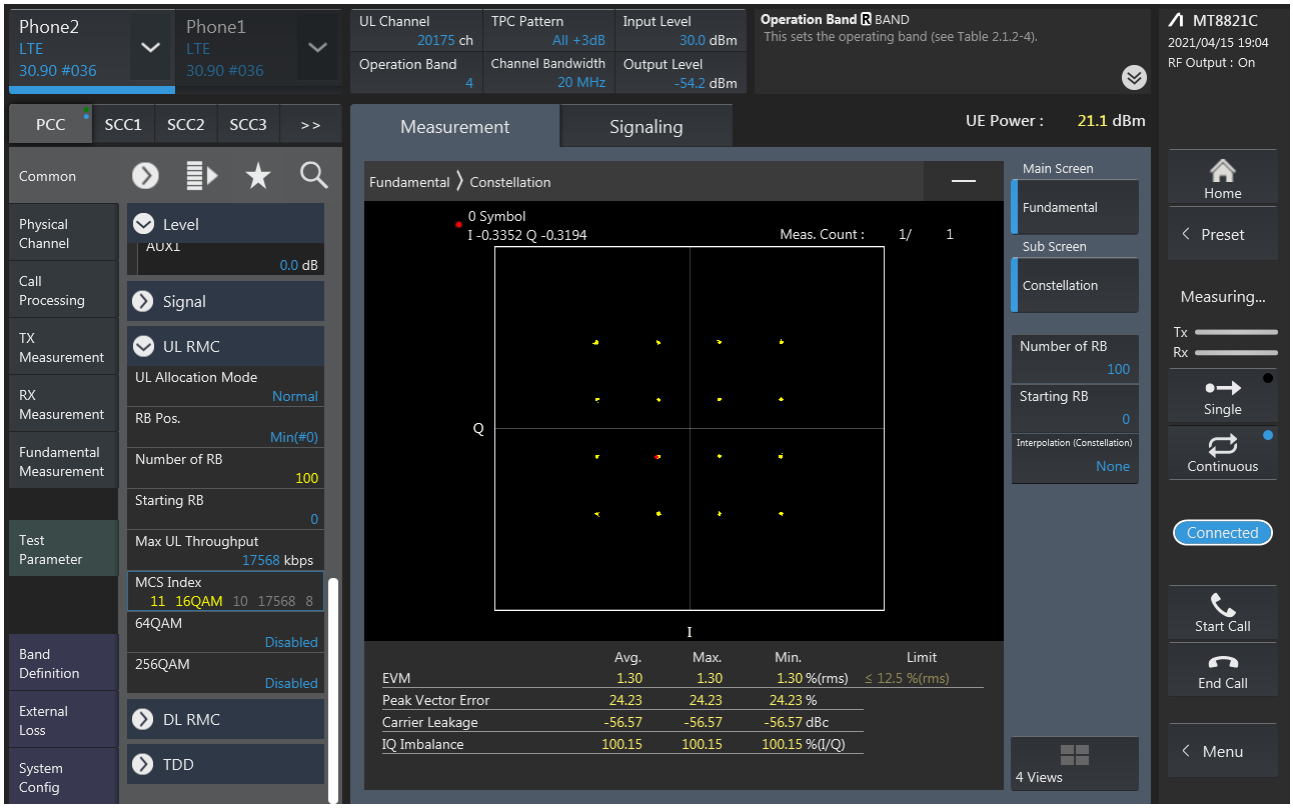
3.2. Test Mode = LTE /TM2 20MHz

3.2.1.Test Channel = MCH



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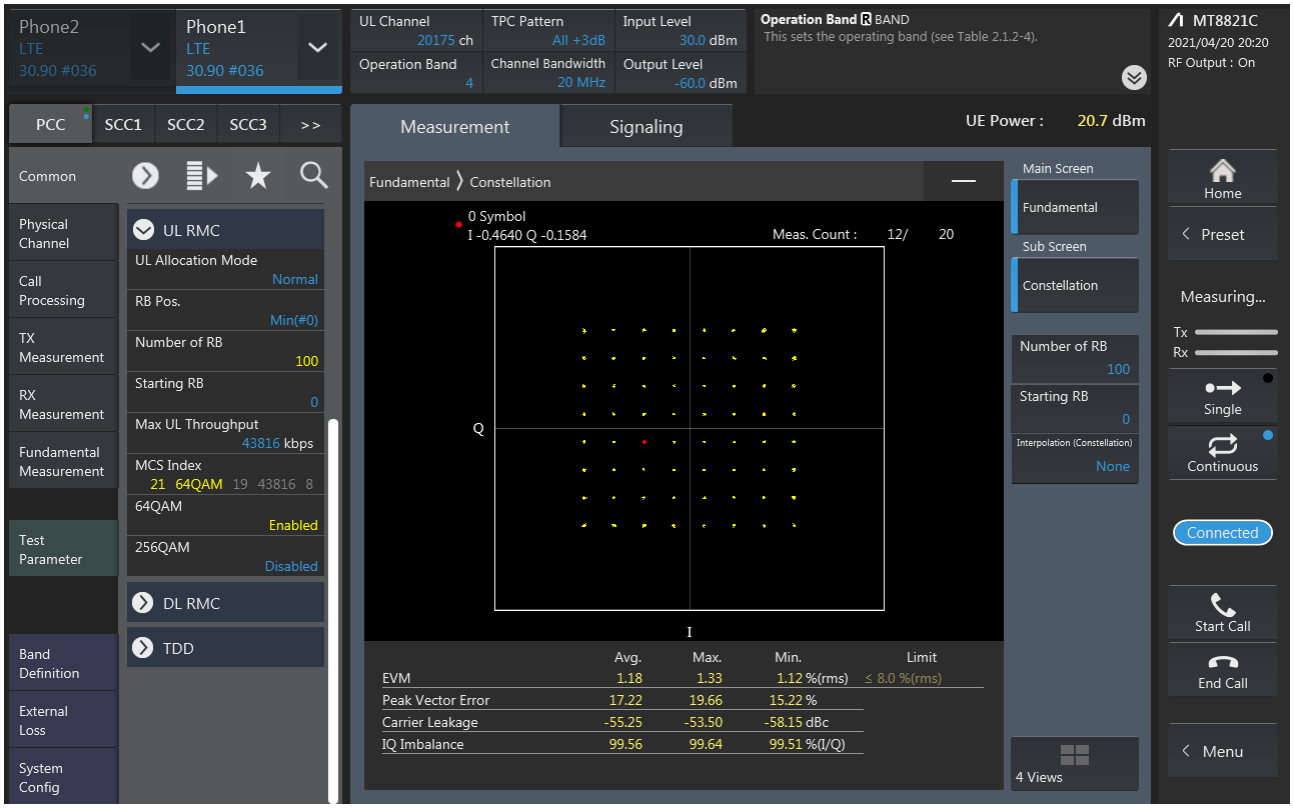
3.3. Test Mode = LTE /TM3 20MHz

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	1.094	1.245	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.091	1.227	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.094	1.251	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	1.094	1.245	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	1.097	1.245	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	1.094	1.248	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.091	1.251	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.097	1.254	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.091	1.257	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.703	3.054	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.703	3.066	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.703	3.054	PASS
Band4	3MHz	64QAM	19965	15RB#0	2.703	3.036	PASS
Band4	3MHz	64QAM	20175	15RB#0	2.703	3.042	PASS
Band4	3MHz	64QAM	20385	15RB#0	2.703	3.048	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.697	3.048	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.697	3.036	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.697	3.036	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.466	4.910	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.466	4.930	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.476	4.910	PASS
Band4	5MHz	64QAM	19975	25RB#0	4.466	4.880	PASS
Band4	5MHz	64QAM	20175	25RB#0	4.476	4.910	PASS
Band4	5MHz	64QAM	20375	25RB#0	4.466	4.870	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.486	4.920	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.486	4.930	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.486	4.940	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.931	9.760	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.931	9.800	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.931	9.760	PASS
Band4	10MHz	64QAM	20000	50RB#0	8.931	9.780	PASS

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Band4	10MHz	64QAM	20175	50RB#0	8.951	9.760	PASS
Band4	10MHz	64QAM	20350	50RB#0	8.951	9.820	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.931	9.780	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.951	9.820	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.931	9.820	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.487	15.000	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.487	14.310	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.457	14.970	PASS
Band4	15MHz	64QAM	20025	75RB#0	13.487	15.000	PASS
Band4	15MHz	64QAM	20175	75RB#0	13.457	14.970	PASS
Band4	15MHz	64QAM	20325	75RB#0	13.457	15.030	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.487	15.060	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.516	15.000	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.487	15.030	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.902	19.760	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.942	19.880	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.942	19.800	PASS
Band4	20MHz	64QAM	20050	100RB#0	17.902	19.640	PASS
Band4	20MHz	64QAM	20175	100RB#0	17.902	19.680	PASS
Band4	20MHz	64QAM	20300	100RB#0	17.942	19.720	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.942	19.720	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.942	19.800	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.982	19.840	PASS

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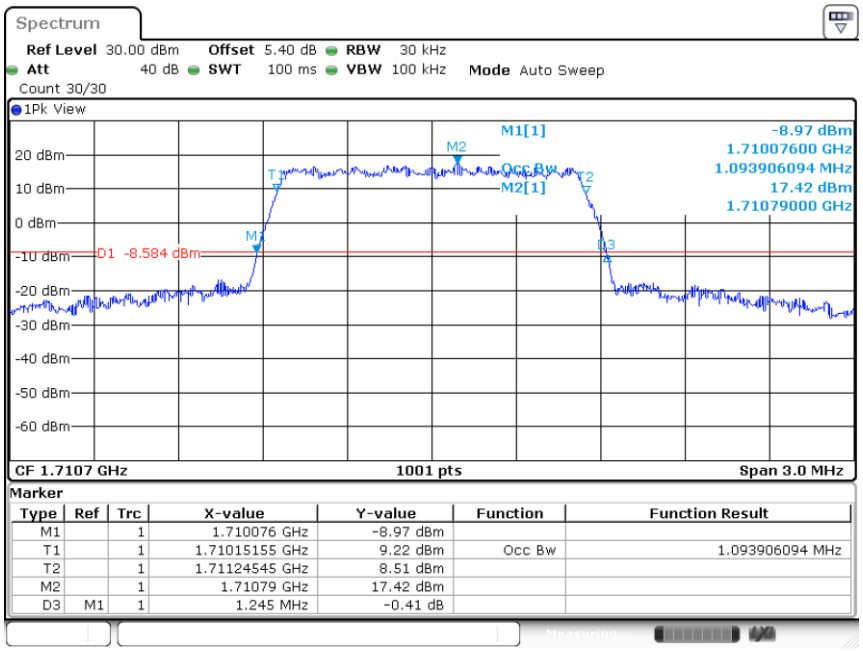
4.2. Test Plots

Band4-1.4MHz-QPSK-19957-6RB#0-1.094



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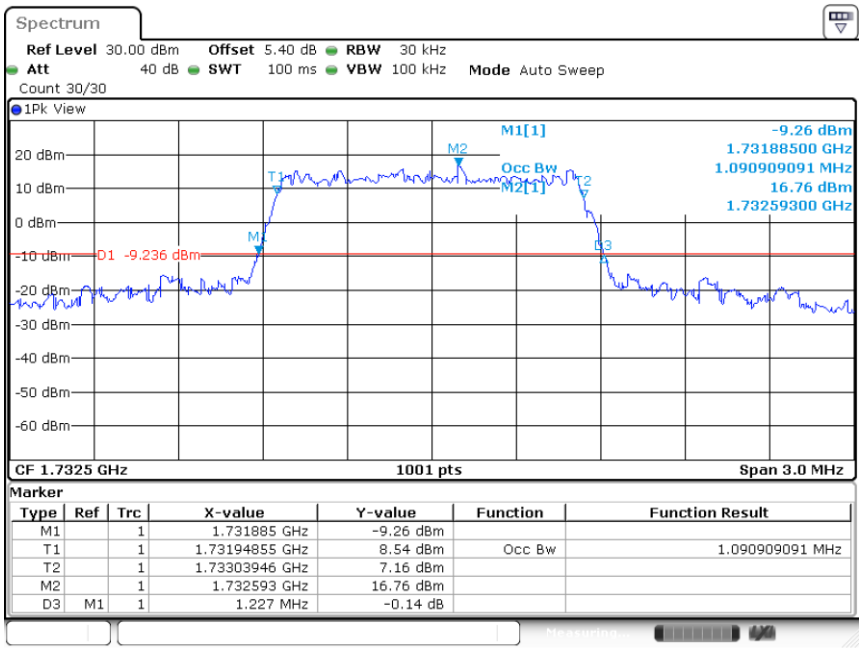

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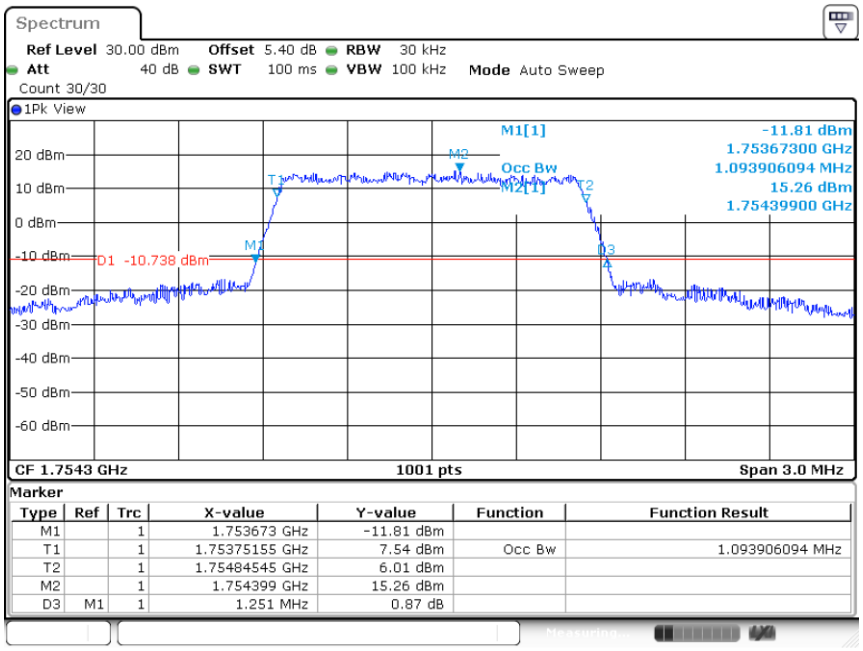

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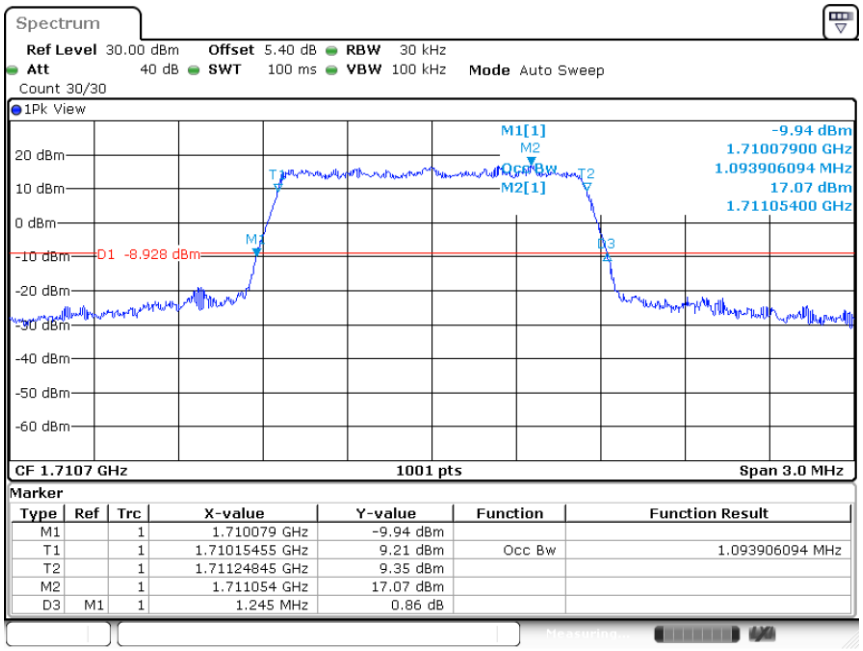

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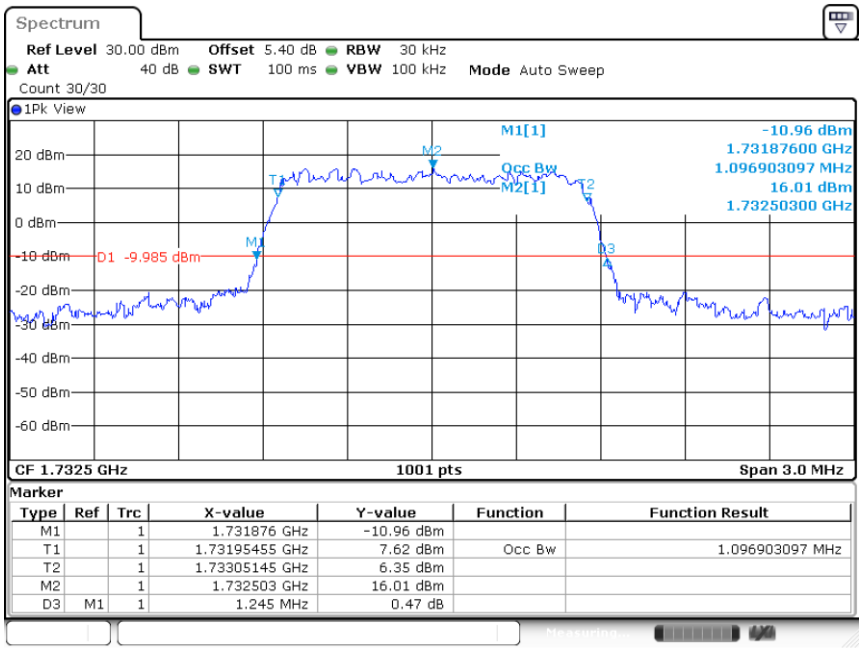

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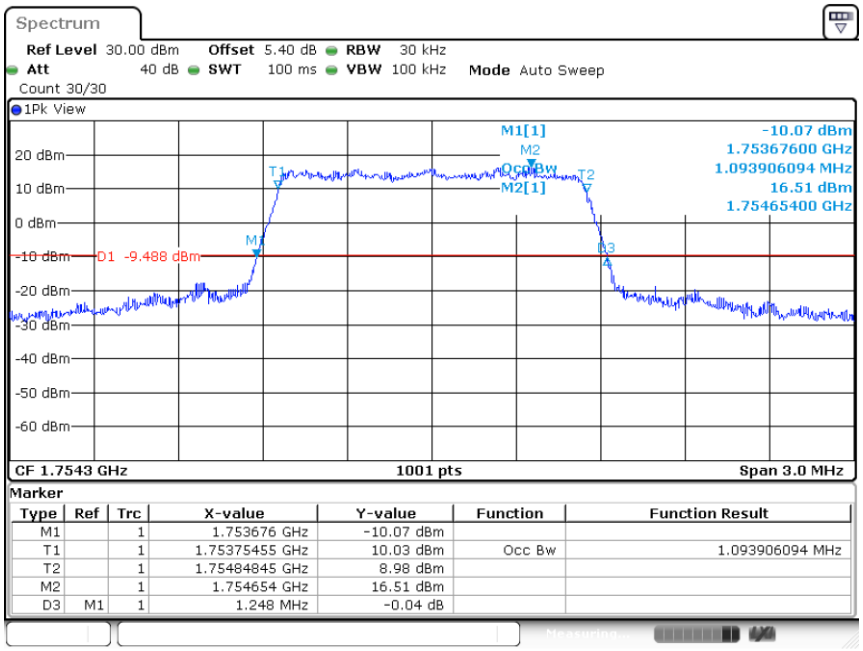

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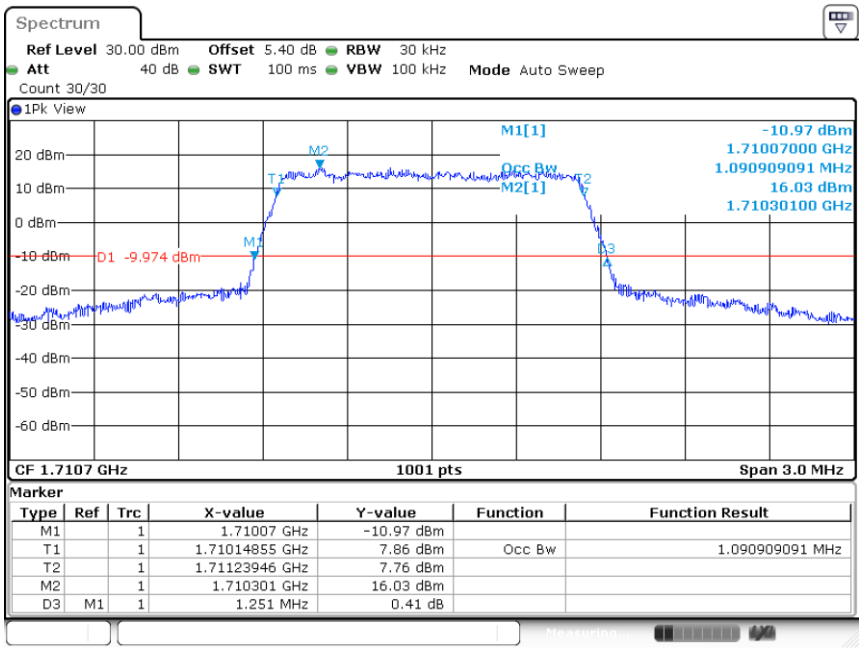
Band4-1.4MHz-16QAM-19957-6RB#0-1.091



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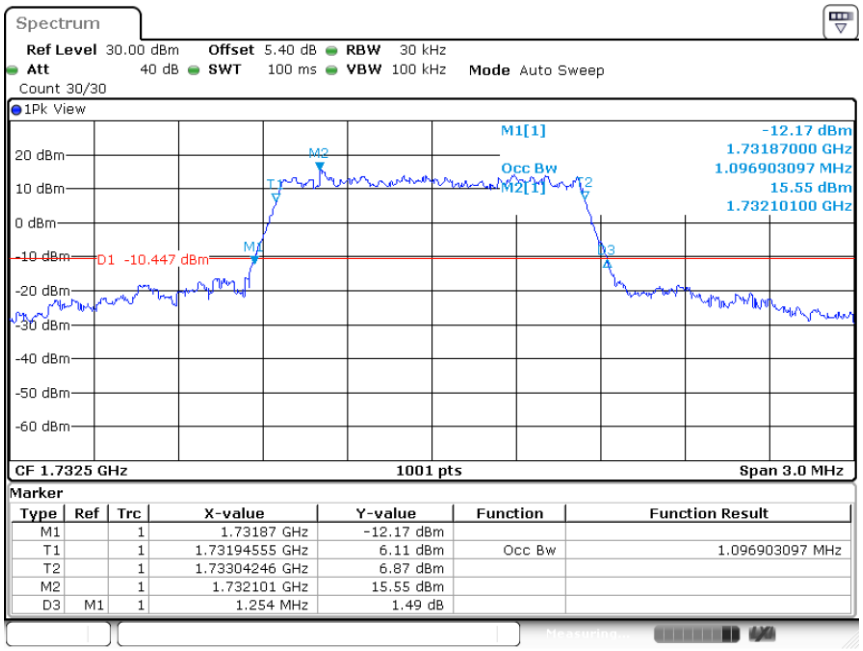

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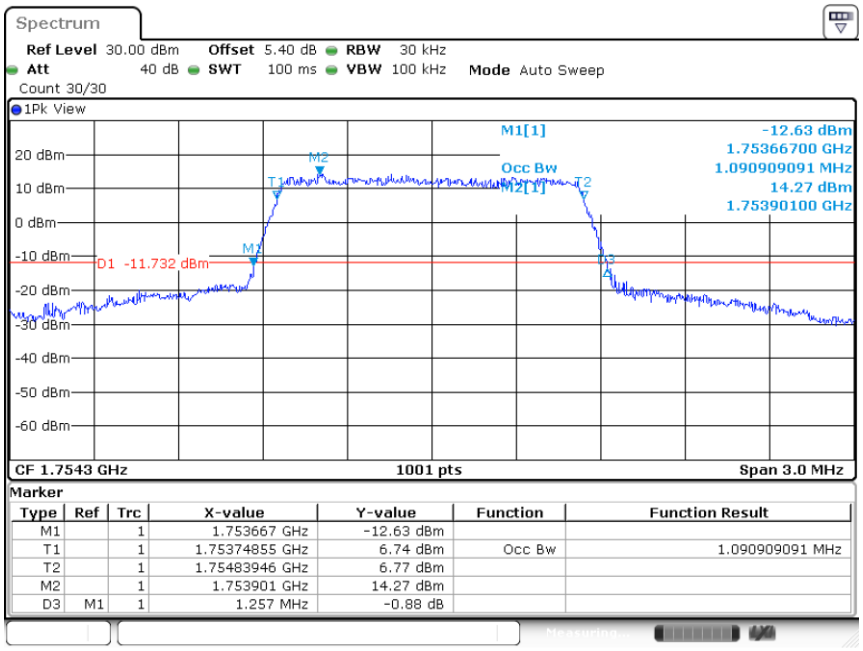

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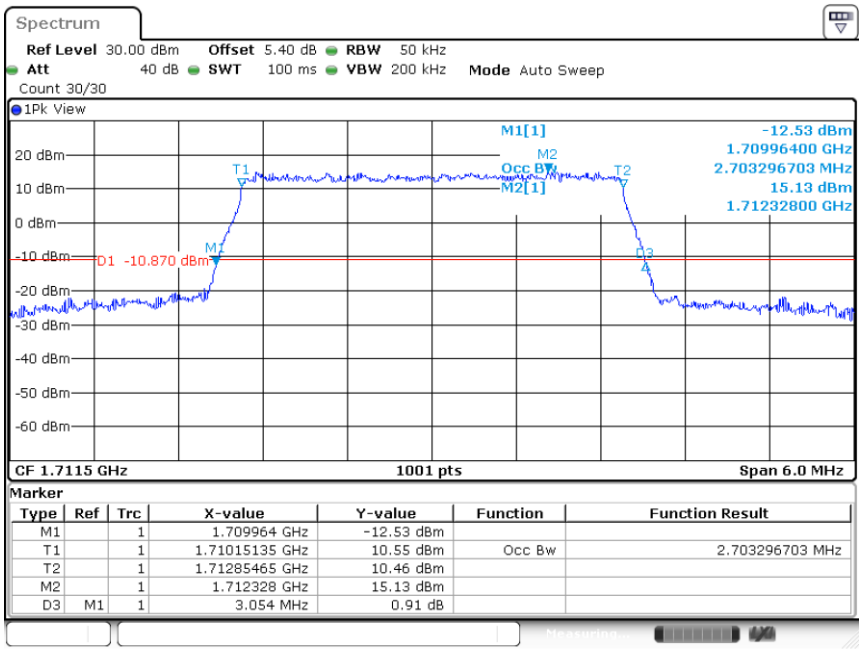

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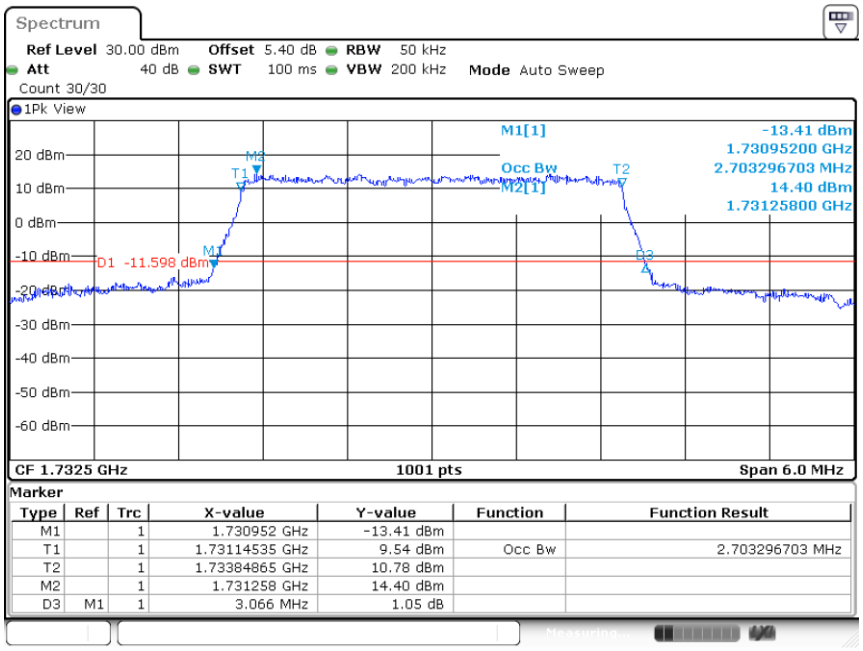
Band4-3MHz-QPSK-20175-15RB#0-2.703



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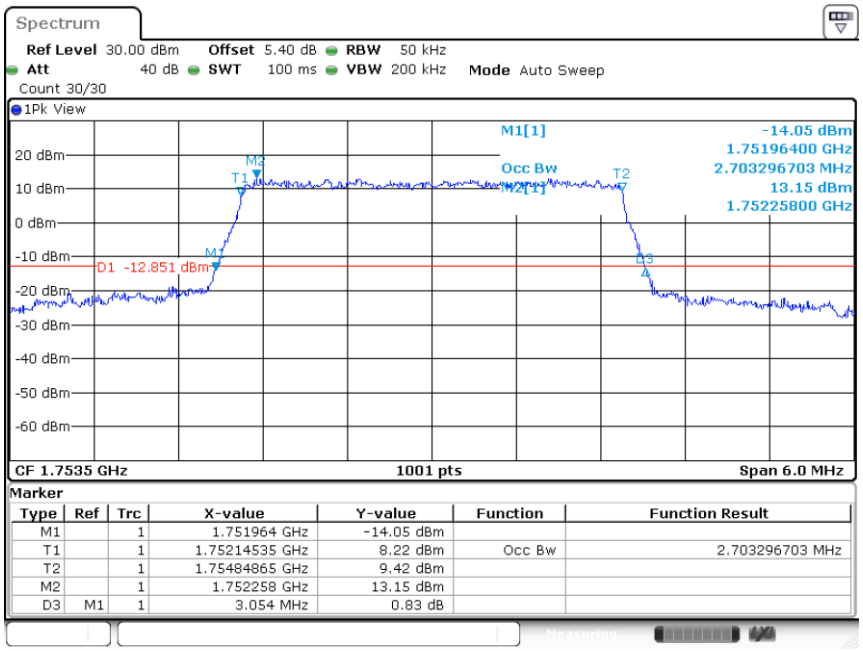
Band4-3MHz-QPSK-20385-15RB#0-2.703



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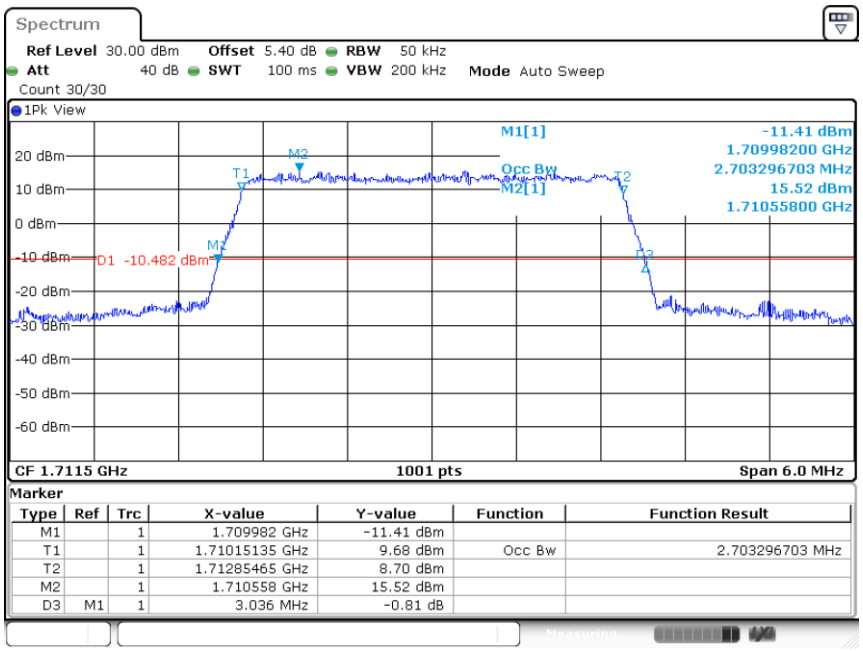
Band4-3MHz-64QAM-19965-15RB#0-2.703



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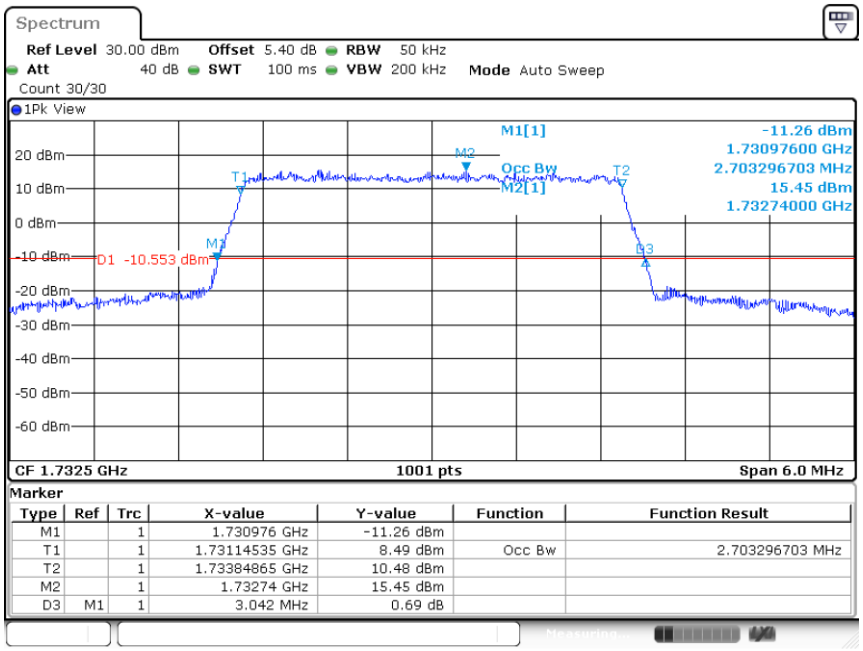
Band4-3MHz-64QAM-20175-15RB#0-2.703



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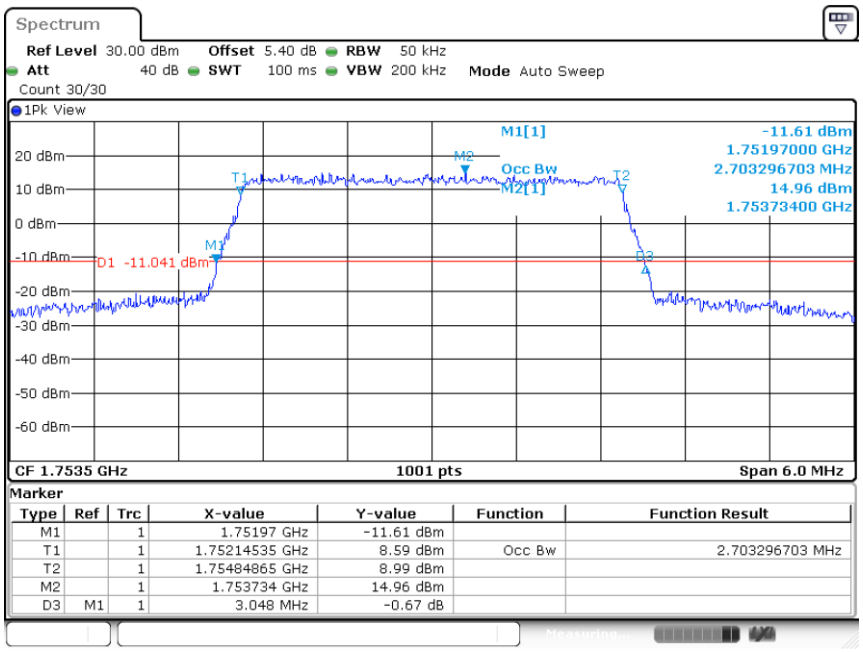
Band4-3MHz-64QAM-20385-15RB#0-2.703



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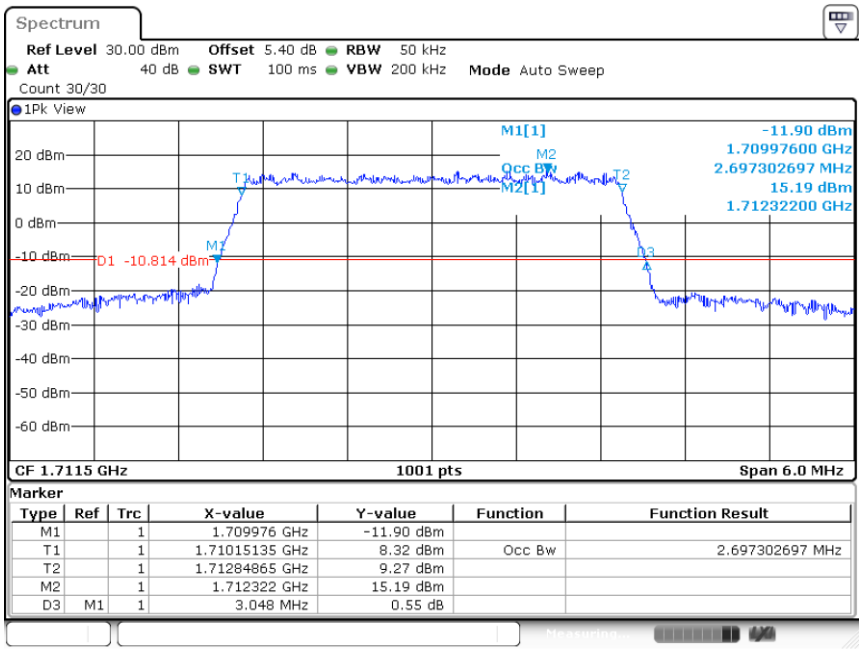
Band4-3MHz-16QAM-19965-15RB#0-2.697



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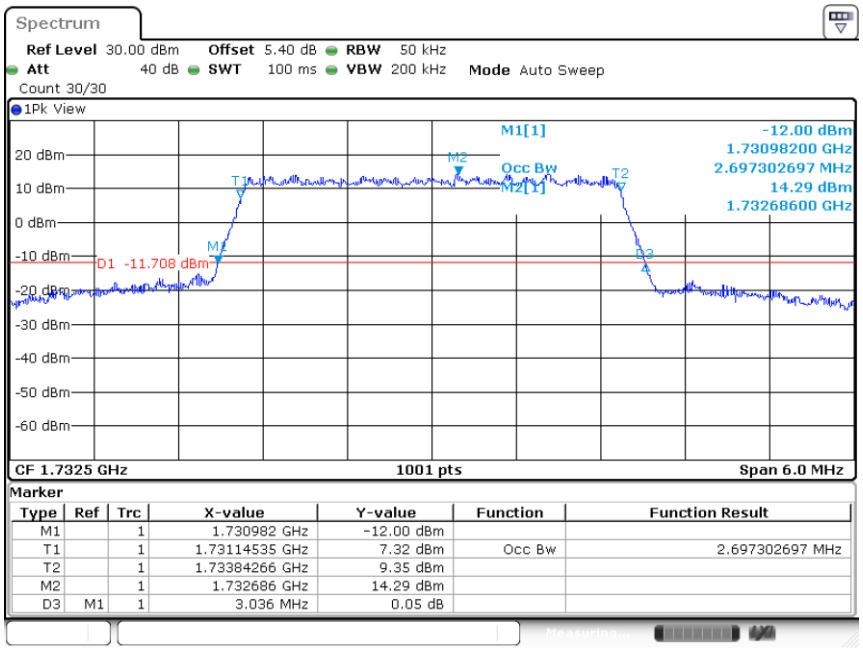
Band4-3MHz-16QAM-20175-15RB#0-2.697



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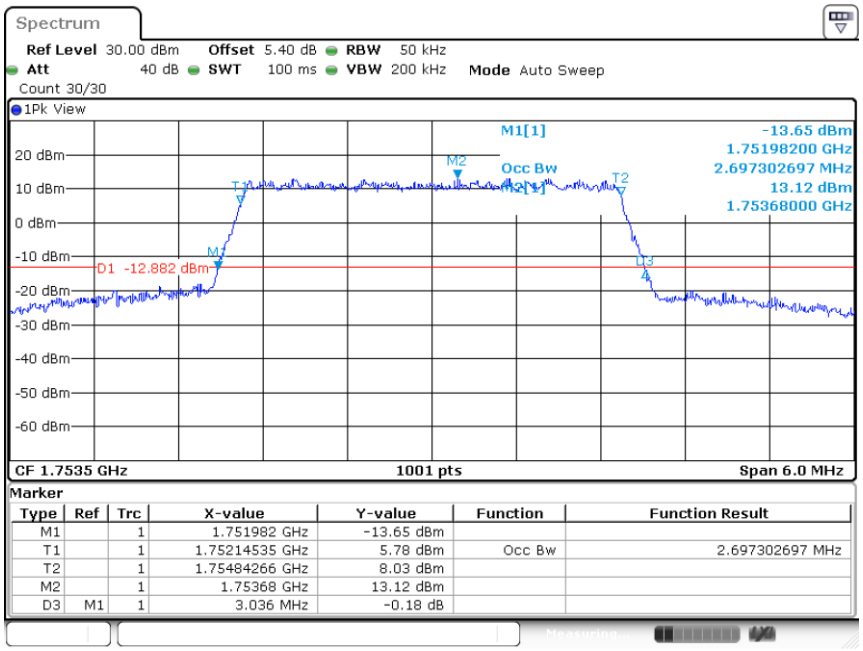
Band4-3MHz-16QAM-20385-15RB#0-2.697



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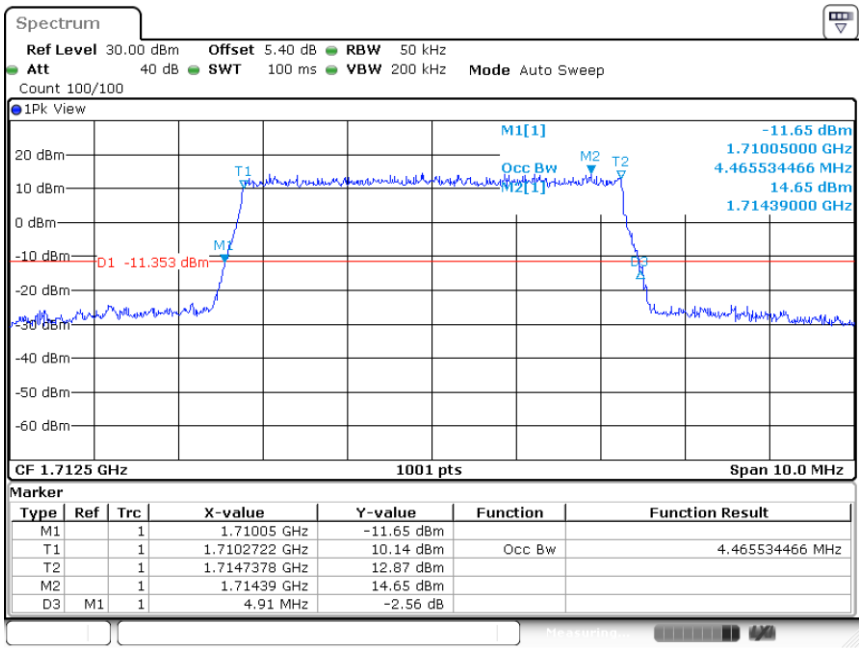
Band4-5MHz-QPSK-19975-25RB#0-4.466



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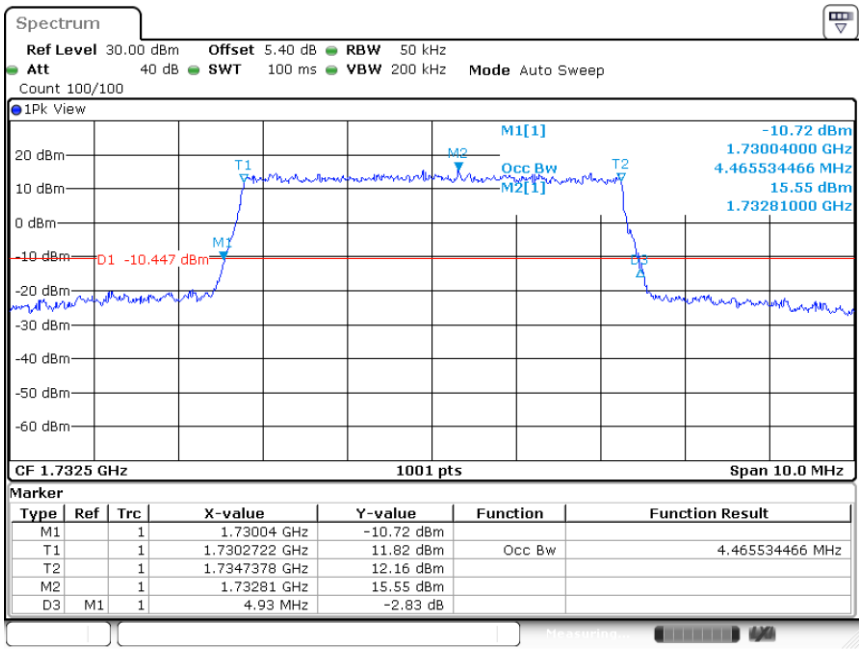
Band4-5MHz-QPSK-20175-25RB#0-4.466



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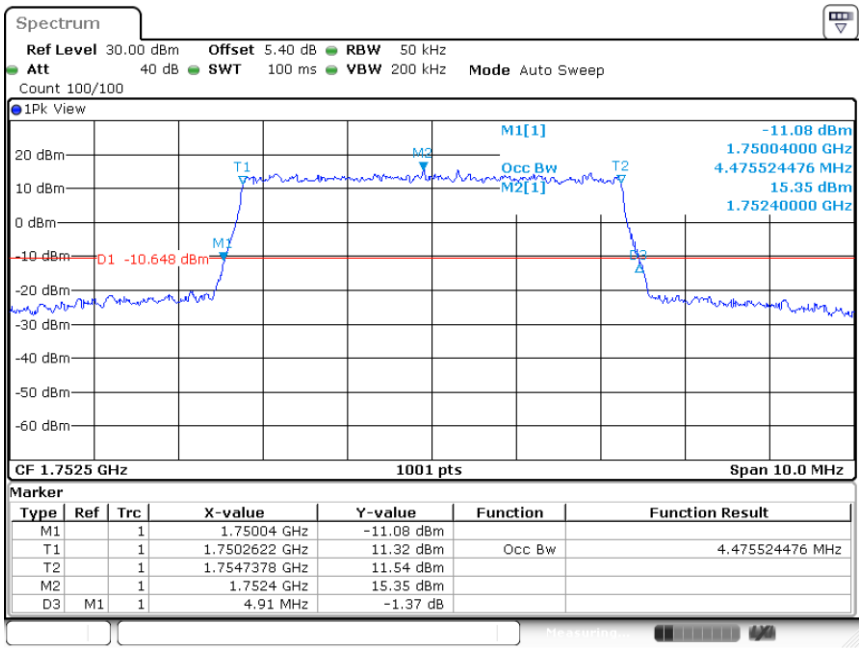
Band4-5MHz-QPSK-20375-25RB#0-4.476



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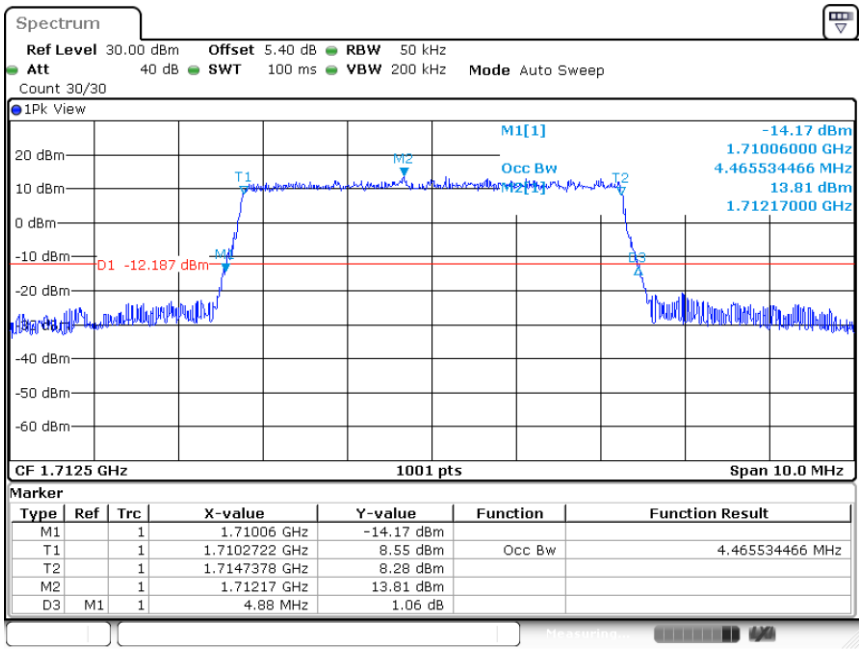
Band4-5MHz-64QAM-19975-25RB#0-4.466



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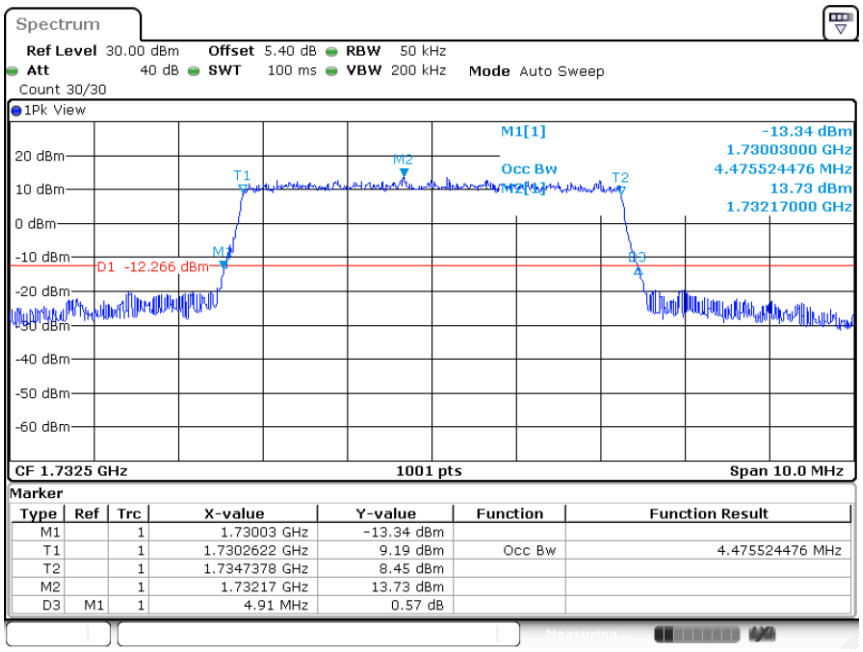

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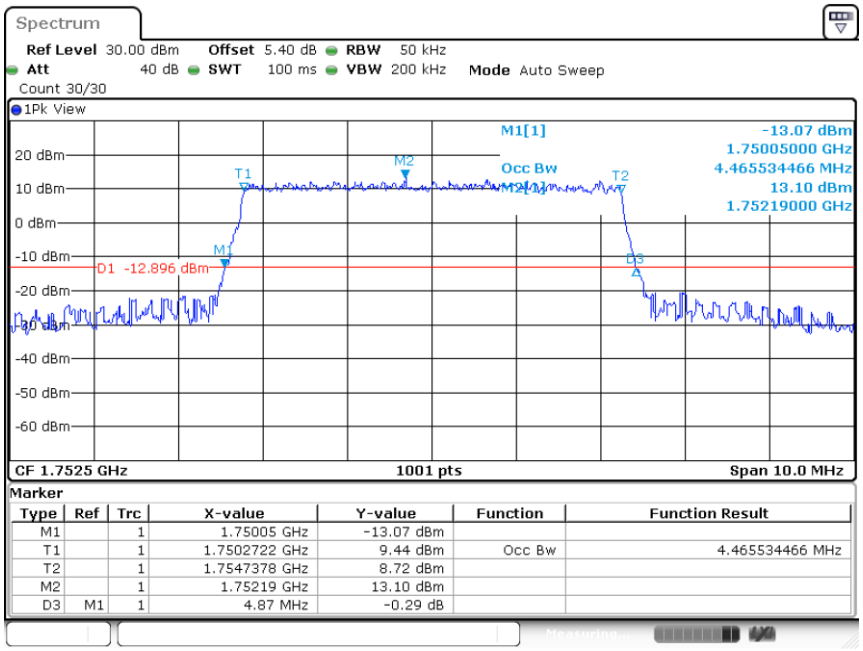
Band4-5MHz-64QAM-20375-25RB#0-4.466



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