



Appendix B

E-UTRA Band 4



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1 Effective (Isotropic) Radiated Power

1.1. Test Result (Up Antenna)

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	limit (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#2	19.33	20.13	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	19.42	20.22	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	19.36	20.16	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	19.43	20.23	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	19.42	20.22	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	19.43	20.23	30.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	19.51	20.31	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	19.26	20.06	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	19.42	20.22	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	19.35	20.15	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	19.44	20.24	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	19.40	20.2	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	19.45	20.25	30.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	19.49	20.29	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	19.40	20.2	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	19.52	20.32	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	19.40	20.2	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	19.41	20.21	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	19.51	20.31	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	19.45	20.25	30.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	19.53	20.33	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	19.91	20.71	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	19.72	20.52	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	19.63	20.43	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#0	19.56	20.36	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#1	19.62	20.42	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#3	19.53	20.33	30.00	PASS



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Band4	1.4MHz	64QAM	19957	6RB#0	19.54	20.34	30.00	FAIL
Band4	1.4MHz	64QAM	20175	1RB#5	19.81	20.61	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	19.81	20.61	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	19.93	20.73	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#1	19.33	20.13	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#3	19.46	20.26	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#0	19.41	20.21	30.00	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	19.67	20.47	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	19.75	20.55	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	19.83	20.63	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	19.79	20.59	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#0	19.62	20.42	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#1	19.60	20.4	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#3	19.61	20.41	30.00	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	19.64	20.44	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	19.97	20.77	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	19.69	20.49	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	19.59	20.39	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	19.58	20.38	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	19.53	20.33	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	19.45	20.25	30.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	19.62	20.42	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	19.77	20.57	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	19.77	20.57	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	19.91	20.71	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	19.38	20.18	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	19.45	20.25	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	19.46	20.26	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	19.60	20.4	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	19.83	20.63	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	19.82	20.62	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	19.81	20.61	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	19.56	20.36	30.00	PASS



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Band4	1.4MHz	16QAM	20393	3RB#1	19.53	20.33	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	19.62	20.42	30.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	19.56	20.36	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#8	19.45	20.25	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	19.42	20.22	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	19.38	20.18	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#7	19.57	20.37	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#0	19.65	20.45	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#4	19.58	20.38	30.00	PASS
Band4	3MHz	QPSK	19965	15RB#0	19.57	20.37	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#8	19.46	20.26	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#14	19.36	20.16	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#0	19.46	20.26	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#4	19.51	20.31	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#7	19.53	20.33	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#0	19.56	20.36	30.00	PASS
Band4	3MHz	QPSK	20175	15RB#0	19.57	20.37	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#8	19.45	20.25	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	19.53	20.33	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	19.46	20.26	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#7	19.59	20.39	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#4	19.69	20.49	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#0	19.64	20.44	30.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	19.65	20.45	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#0	19.71	20.51	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#8	19.56	20.36	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#14	19.84	20.64	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#0	19.42	20.22	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#4	19.55	20.35	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#7	19.69	20.49	30.00	PASS
Band4	3MHz	64QAM	19965	15RB#0	19.56	20.36	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#14	19.70	20.5	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#0	19.66	20.46	30.00	PASS



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Band4	3MHz	64QAM	20175	1RB#8	19.85	20.65	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#0	19.50	20.3	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#7	19.66	20.46	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#4	19.51	20.31	30.00	PASS
Band4	3MHz	64QAM	20175	15RB#0	19.53	20.33	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#0	19.73	20.53	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#8	19.81	20.61	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#14	19.95	20.75	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#7	19.50	20.3	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#0	19.69	20.49	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#4	19.65	20.45	30.00	PASS
Band4	3MHz	64QAM	20385	15RB#0	19.58	20.38	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	19.75	20.55	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	19.58	20.38	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#14	19.83	20.63	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#7	19.48	20.28	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#0	19.64	20.44	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#4	19.62	20.42	30.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	19.61	20.41	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#14	19.66	20.46	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#8	19.66	20.46	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	19.80	20.6	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#4	19.42	20.22	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#0	19.64	20.44	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#7	19.55	20.35	30.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	19.56	20.36	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#0	19.81	20.61	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#8	19.84	20.64	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	19.97	20.77	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#0	19.53	20.33	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#4	19.67	20.47	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#7	19.64	20.44	30.00	PASS
Band4	3MHz	16QAM	20385	15RB#0	19.54	20.34	30.00	PASS



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Band4	5MHz	QPSK	19975	1RB#12	19.34	20.14	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	19.39	20.19	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#24	19.35	20.15	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#13	19.50	20.3	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#6	19.59	20.39	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#0	19.61	20.41	30.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	19.57	20.37	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	19.49	20.29	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#24	19.43	20.23	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#12	19.47	20.27	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#0	19.44	20.24	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#13	19.54	20.34	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#6	19.58	20.38	30.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	19.56	20.36	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#24	19.63	20.43	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	19.47	20.27	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#12	19.49	20.29	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#0	19.50	20.3	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#6	19.65	20.45	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#13	19.67	20.47	30.00	PASS
Band4	5MHz	QPSK	20375	25RB#0	19.58	20.38	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#24	19.81	20.61	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#0	19.81	20.61	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#12	19.76	20.56	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#0	19.60	20.4	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#13	19.82	20.62	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#6	19.56	20.36	30.00	PASS
Band4	5MHz	64QAM	19975	25RB#0	19.67	20.47	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#12	19.69	20.49	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#0	19.95	20.75	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#24	19.73	20.53	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#0	19.48	20.28	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#6	19.66	20.46	30.00	PASS



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Band4	5MHz	64QAM	20175	12RB#13	19.63	20.43	30.00	PASS
Band4	5MHz	64QAM	20175	25RB#0	19.59	20.39	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#12	19.82	20.62	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#0	19.74	20.54	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#24	19.83	20.63	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#13	19.56	20.36	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#6	19.56	20.36	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#0	19.53	20.33	30.00	PASS
Band4	5MHz	64QAM	20375	25RB#0	19.61	20.41	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#24	19.78	20.58	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	19.73	20.53	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	19.72	20.52	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#0	19.52	20.32	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#6	19.84	20.64	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#13	19.55	20.35	30.00	PASS
Band4	5MHz	16QAM	19975	25RB#0	19.59	20.39	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#24	19.60	20.4	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	19.91	20.71	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	19.72	20.52	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#6	19.42	20.22	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#0	19.56	20.36	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#13	19.53	20.33	30.00	PASS
Band4	5MHz	16QAM	20175	25RB#0	19.55	20.35	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	19.81	20.61	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	19.83	20.63	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#12	19.88	20.68	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#0	19.54	20.34	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#6	19.57	20.37	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#13	19.63	20.43	30.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	19.66	20.46	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	19.42	20.22	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#24	19.52	20.32	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#49	19.35	20.15	30.00	PASS



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Band4	10MHz	QPSK	20000	25RB#0	19.54	20.34	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#12	19.62	20.42	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#25	19.55	20.35	30.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	19.62	20.42	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#0	19.43	20.23	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#24	19.51	20.31	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#49	19.21	20.01	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#12	19.45	20.25	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#25	19.57	20.37	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#0	19.61	20.41	30.00	PASS
Band4	10MHz	QPSK	20175	50RB#0	19.63	20.43	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	19.38	20.18	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#24	19.37	20.17	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#49	19.44	20.24	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#0	19.58	20.38	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#12	19.51	20.31	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#25	19.67	20.47	30.00	PASS
Band4	10MHz	QPSK	20350	50RB#0	19.56	20.36	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#0	19.96	20.76	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#49	19.81	20.61	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#24	19.58	20.38	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#12	19.57	20.37	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#0	19.48	20.28	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#25	19.43	20.23	30.00	PASS
Band4	10MHz	64QAM	20000	50RB#0	19.71	20.51	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#0	19.86	20.66	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#49	19.83	20.63	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#24	19.65	20.45	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#0	19.40	20.2	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#12	19.50	20.3	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#25	19.63	20.43	30.00	PASS
Band4	10MHz	64QAM	20175	50RB#0	19.59	20.39	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#49	19.83	20.63	30.00	PASS



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Band4	10MHz	64QAM	20350	1RB#24	19.87	20.67	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#0	19.94	20.74	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#25	19.39	20.19	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#0	19.58	20.38	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#12	19.63	20.43	30.00	PASS
Band4	10MHz	64QAM	20350	50RB#0	19.61	20.41	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#49	20.00	20.8	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	19.71	20.51	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#24	19.64	20.44	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#25	19.49	20.29	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#0	19.51	20.31	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#12	19.52	20.32	30.00	PASS
Band4	10MHz	16QAM	20000	50RB#0	19.62	20.42	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#0	19.91	20.71	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#24	19.75	20.55	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#49	19.64	20.44	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#0	19.33	20.13	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#12	19.53	20.33	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#25	19.62	20.42	30.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	19.60	20.4	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#24	19.80	20.6	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	19.86	20.66	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	19.85	20.65	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#0	19.39	20.19	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#12	19.66	20.46	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#25	19.66	20.46	30.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	19.64	20.44	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	19.54	20.34	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#38	19.46	20.26	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#74	19.42	20.22	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#39	19.57	20.37	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#18	19.60	20.4	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#0	19.51	20.31	30.00	PASS



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Band4	15MHz	QPSK	20025	75RB#0	19.63	20.43	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#74	19.56	20.36	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#0	19.41	20.21	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#38	19.41	20.21	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#0	19.49	20.29	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#39	19.47	20.27	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#18	19.49	20.29	30.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	19.60	20.4	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#38	19.60	20.4	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	19.41	20.21	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#74	19.34	20.14	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#39	19.53	20.33	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#0	19.58	20.38	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#18	19.40	20.2	30.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	19.45	20.25	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#74	19.95	20.75	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#38	19.91	20.71	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#0	19.35	20.15	30.00	PASS
Band4	15MHz	64QAM	20025	36RB#0	19.62	20.42	30.00	PASS
Band4	15MHz	64QAM	20025	36RB#18	19.49	20.29	30.00	PASS
Band4	15MHz	64QAM	20025	36RB#39	19.59	20.39	30.00	PASS
Band4	15MHz	64QAM	20025	75RB#0	19.58	20.38	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#0	19.98	20.78	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#38	19.96	20.76	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#74	19.95	20.75	30.00	PASS
Band4	15MHz	64QAM	20175	36RB#0	19.49	20.29	30.00	PASS
Band4	15MHz	64QAM	20175	36RB#18	19.52	20.32	30.00	PASS
Band4	15MHz	64QAM	20175	36RB#39	19.56	20.36	30.00	PASS
Band4	15MHz	64QAM	20175	75RB#0	19.64	20.44	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#38	20.00	20.8	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#74	19.89	20.69	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#0	19.96	20.76	30.00	PASS
Band4	15MHz	64QAM	20325	36RB#0	19.45	20.25	30.00	PASS





Band4	15MHz	64QAM	20325	36RB#18	19.52	20.32	30.00	PASS
Band4	15MHz	64QAM	20325	36RB#39	19.56	20.36	30.00	PASS
Band4	15MHz	64QAM	20325	75RB#0	19.46	20.26	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	20.00	20.8	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	19.95	20.75	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	19.40	20.2	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#0	19.60	20.4	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#18	19.54	20.34	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#39	19.60	20.4	30.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	19.60	20.4	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	19.97	20.77	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	19.89	20.69	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	19.94	20.74	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#0	19.52	20.32	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#18	19.46	20.26	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#39	19.46	20.26	30.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	19.54	20.34	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#0	20.01	20.81	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	19.94	20.74	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	19.88	20.68	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#39	19.52	20.32	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#0	19.59	20.39	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#18	19.57	20.37	30.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	19.55	20.35	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	19.45	20.25	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	19.34	20.14	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	19.35	20.15	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#0	19.70	20.5	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#25	19.65	20.45	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#50	19.65	20.45	30.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	19.57	20.37	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	19.67	20.47	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	19.33	20.13	30.00	PASS



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Band4	20MHz	QPSK	20175	1RB#0	19.44	20.24	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#25	19.86	20.66	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#0	19.64	20.44	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#50	19.52	20.32	30.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	19.65	20.45	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#49	19.66	20.46	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	19.32	20.12	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	19.33	20.13	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#25	19.82	20.62	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#50	19.56	20.36	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#0	19.80	20.6	30.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	19.50	20.3	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#0	19.72	20.52	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#49	19.83	20.63	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#99	19.95	20.75	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#0	19.61	20.41	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#25	19.59	20.39	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#50	19.59	20.39	30.00	PASS
Band4	20MHz	64QAM	20050	100RB#0	19.53	20.33	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#99	19.94	20.74	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#0	19.53	20.33	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#49	19.22	20.02	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#25	19.48	20.28	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#50	19.71	20.51	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#0	19.51	20.31	30.00	PASS
Band4	20MHz	64QAM	20175	100RB#0	19.57	20.37	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#49	19.92	20.72	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#99	19.78	20.58	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#0	19.88	20.68	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#50	19.58	20.38	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#0	19.50	20.3	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#25	19.61	20.41	30.00	PASS
Band4	20MHz	64QAM	20300	100RB#0	19.69	20.49	30.00	PASS



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Band4	20MHz	16QAM	20050	1RB#99	19.80	20.6	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	19.90	20.7	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	19.96	20.76	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#0	19.58	20.38	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#25	19.62	20.42	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#50	19.53	20.33	30.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	19.63	20.43	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	20.01	20.81	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	19.43	20.23	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	19.28	20.08	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#25	19.53	20.33	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#0	19.62	20.42	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#50	19.49	20.29	30.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	19.59	20.39	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	19.89	20.69	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#49	19.79	20.59	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	20.03	20.83	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#50	19.68	20.48	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#25	19.52	20.32	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#0	19.60	20.4	30.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	19.60	20.4	30.00	PASS



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1.2. Test Result (Down Antenna)

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	limit (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#2	23.49	23.99	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.39	23.89	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	23.41	23.91	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	23.48	23.98	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	23.42	23.92	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	23.43	23.93	30.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.46	22.96	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.35	23.85	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.33	23.83	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.30	23.8	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	23.36	23.86	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	23.33	23.83	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	23.38	23.88	30.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.43	22.93	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.26	23.76	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.21	23.71	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.20	23.7	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	23.29	23.79	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	23.24	23.74	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	23.22	23.72	30.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.33	22.83	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	20.92	21.42	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	20.88	21.38	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	21.84	22.34	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#0	20.87	21.37	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#1	20.94	21.44	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#3	20.94	21.44	30.00	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	18.46	18.96	30.00	FAIL
Band4	1.4MHz	64QAM	20175	1RB#5	21.87	22.37	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	21.95	22.45	30.00	PASS



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Band4	1.4MHz	64QAM	20175	1RB#0	21.78	22.28	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#1	21.86	22.36	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#3	21.89	22.39	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#0	21.92	22.42	30.00	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	20.76	21.26	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	21.80	22.3	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	21.82	22.32	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	21.92	22.42	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#0	21.84	22.34	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#1	21.90	22.4	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#3	21.88	22.38	30.00	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	20.82	21.32	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.74	23.24	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.75	23.25	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.72	23.22	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	22.59	23.09	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	22.58	23.08	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	22.63	23.13	30.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.50	22	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.54	23.04	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.67	23.17	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.67	23.17	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	22.46	22.96	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	22.55	23.05	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	22.51	23.01	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.45	21.95	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.56	23.06	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.52	23.02	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.54	23.04	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	22.36	22.86	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	22.40	22.9	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	22.37	22.87	30.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.32	21.82	30.00	PASS





Band4	3MHz	QPSK	19965	1RB#8	23.48	23.98	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.44	23.94	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.55	24.05	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#7	22.57	23.07	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#0	22.58	23.08	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#4	22.60	23.1	30.00	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.58	23.08	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.50	24	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.44	23.94	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.30	23.8	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#4	22.47	22.97	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#7	22.49	22.99	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#0	22.47	22.97	30.00	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.45	22.95	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.34	23.84	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.32	23.82	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.27	23.77	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#7	22.35	22.85	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#4	22.45	22.95	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#0	22.42	22.92	30.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.29	22.79	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#0	21.95	22.45	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#8	22.12	22.62	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#14	22.00	22.5	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#0	20.87	21.37	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#4	20.91	21.41	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#7	20.90	21.4	30.00	PASS
Band4	3MHz	64QAM	19965	15RB#0	20.81	21.31	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#14	21.97	22.47	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#0	21.85	22.35	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#8	22.04	22.54	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#0	20.89	21.39	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#7	20.85	21.35	30.00	PASS





Band4	3MHz	64QAM	20175	8RB#4	20.96	21.46	30.00	PASS
Band4	3MHz	64QAM	20175	15RB#0	20.81	21.31	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#0	21.86	22.36	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#8	22.00	22.5	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#14	21.97	22.47	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#7	20.86	21.36	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#0	20.82	21.32	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#4	20.86	21.36	30.00	PASS
Band4	3MHz	64QAM	20385	15RB#0	20.84	21.34	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.63	23.13	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.87	23.37	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.78	23.28	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#7	21.66	22.16	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#0	21.61	22.11	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.65	22.15	30.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.58	22.08	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.66	23.16	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.78	23.28	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.60	23.1	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.55	22.05	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.48	21.98	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#7	21.59	22.09	30.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.41	21.91	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.49	22.99	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.61	23.11	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.55	23.05	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#0	21.39	21.89	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#4	21.44	21.94	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.41	21.91	30.00	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.35	21.85	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.43	23.93	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.46	23.96	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.48	23.98	30.00	PASS





Band4	5MHz	QPSK	19975	12RB#13	22.54	23.04	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#6	22.61	23.11	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#0	22.51	23.01	30.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.55	23.05	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.33	23.83	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.44	23.94	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.35	23.85	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#0	22.44	22.94	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#13	22.47	22.97	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#6	22.43	22.93	30.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.43	22.93	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.36	23.86	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.33	23.83	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.32	23.82	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#0	22.33	22.83	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#6	22.37	22.87	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#13	22.43	22.93	30.00	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.38	22.88	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#24	21.96	22.46	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#0	22.03	22.53	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#12	21.89	22.39	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#0	20.89	21.39	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#13	20.91	21.41	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#6	20.96	21.46	30.00	PASS
Band4	5MHz	64QAM	19975	25RB#0	20.88	21.38	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#12	22.01	22.51	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#0	21.87	22.37	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#24	21.98	22.48	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#0	20.84	21.34	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#6	20.89	21.39	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#13	20.92	21.42	30.00	PASS
Band4	5MHz	64QAM	20175	25RB#0	20.83	21.33	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#12	21.92	22.42	30.00	PASS



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Band4	5MHz	64QAM	20375	1RB#0	21.93	22.43	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#24	21.93	22.43	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#13	20.82	21.32	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#6	20.90	21.4	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#0	20.81	21.31	30.00	PASS
Band4	5MHz	64QAM	20375	25RB#0	20.90	21.4	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.76	23.26	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.74	23.24	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.71	23.21	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#0	21.60	22.1	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#6	21.64	22.14	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#13	21.57	22.07	30.00	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.57	22.07	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.81	23.31	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.72	23.22	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.64	23.14	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#6	21.51	22.01	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.48	21.98	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#13	21.51	22.01	30.00	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.46	21.96	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.55	23.05	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.47	22.97	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.56	23.06	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#0	21.38	21.88	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#6	21.43	21.93	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#13	21.45	21.95	30.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.39	21.89	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	23.60	24.1	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.51	24.01	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.44	23.94	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#0	22.53	23.03	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#12	22.61	23.11	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#25	22.57	23.07	30.00	PASS



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Band4	10MHz	QPSK	20000	50RB#0	22.56	23.06	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.41	23.91	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.36	23.86	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.25	23.75	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#12	22.52	23.02	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#25	22.48	22.98	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#0	22.49	22.99	30.00	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.44	22.94	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.28	23.78	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.26	23.76	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.28	23.78	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#0	22.45	22.95	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#12	22.33	22.83	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#25	22.41	22.91	30.00	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.37	22.87	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#0	22.10	22.6	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#49	22.14	22.64	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#24	22.26	22.76	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#12	21.04	21.54	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#0	20.92	21.42	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#25	21.00	21.5	30.00	PASS
Band4	10MHz	64QAM	20000	50RB#0	20.95	21.45	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#0	22.03	22.53	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#49	22.18	22.68	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#24	21.99	22.49	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#0	20.86	21.36	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#12	20.92	21.42	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#25	20.95	21.45	30.00	PASS
Band4	10MHz	64QAM	20175	50RB#0	20.90	21.4	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#49	22.09	22.59	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#24	22.14	22.64	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#0	21.24	21.74	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#25	20.99	21.49	30.00	PASS





Band4	10MHz	64QAM	20350	25RB#0	20.80	21.3	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#12	20.85	21.35	30.00	PASS
Band4	10MHz	64QAM	20350	50RB#0	20.86	21.36	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.77	23.27	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.87	23.37	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.78	23.28	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#25	21.60	22.1	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#0	21.54	22.04	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#12	21.63	22.13	30.00	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.56	22.06	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.75	23.25	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.71	23.21	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.82	23.32	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#0	21.36	21.86	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#12	21.43	21.93	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#25	21.56	22.06	30.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.49	21.99	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.65	23.15	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.63	23.13	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.47	22.97	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#0	21.28	21.78	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#12	21.29	21.79	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#25	21.45	21.95	30.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.35	21.85	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	23.51	24.01	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.43	23.93	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.41	23.91	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#39	22.55	23.05	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#18	22.61	23.11	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#0	22.57	23.07	30.00	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.60	23.1	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.36	23.86	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.43	23.93	30.00	PASS



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Band4	15MHz	QPSK	20175	1RB#38	23.39	23.89	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#0	22.59	23.09	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#39	22.53	23.03	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#18	22.48	22.98	30.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.38	22.88	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.32	23.82	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.44	23.94	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.26	23.76	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#39	22.43	22.93	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#0	22.52	23.02	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#18	22.41	22.91	30.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.38	22.88	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#74	21.73	22.23	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#38	21.91	22.41	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#0	21.80	22.3	30.00	PASS
Band4	15MHz	64QAM	20025	36RB#0	20.90	21.4	30.00	PASS
Band4	15MHz	64QAM	20025	36RB#18	20.90	21.4	30.00	PASS
Band4	15MHz	64QAM	20025	36RB#39	20.81	21.31	30.00	PASS
Band4	15MHz	64QAM	20025	75RB#0	20.91	21.41	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#0	22.01	22.51	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#38	21.94	22.44	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#74	21.95	22.45	30.00	PASS
Band4	15MHz	64QAM	20175	36RB#0	20.83	21.33	30.00	PASS
Band4	15MHz	64QAM	20175	36RB#18	20.84	21.34	30.00	PASS
Band4	15MHz	64QAM	20175	36RB#39	20.86	21.36	30.00	PASS
Band4	15MHz	64QAM	20175	75RB#0	20.82	21.32	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#38	21.86	22.36	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#74	21.68	22.18	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#0	21.73	22.23	30.00	PASS
Band4	15MHz	64QAM	20325	36RB#0	20.94	21.44	30.00	PASS
Band4	15MHz	64QAM	20325	36RB#18	20.84	21.34	30.00	PASS
Band4	15MHz	64QAM	20325	36RB#39	20.92	21.42	30.00	PASS
Band4	15MHz	64QAM	20325	75RB#0	20.80	21.3	30.00	PASS



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Band4	15MHz	16QAM	20025	1RB#0	22.86	23.36	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.75	23.25	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.76	23.26	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#0	21.57	22.07	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#18	21.66	22.16	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#39	21.55	22.05	30.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.60	22.1	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.68	23.18	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.55	23.05	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.73	23.23	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#0	21.50	22	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#18	21.45	21.95	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#39	21.47	21.97	30.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.47	21.97	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.69	23.19	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.49	22.99	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.62	23.12	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#39	21.39	21.89	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#0	21.44	21.94	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#18	21.35	21.85	30.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.40	21.9	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.35	23.85	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.41	23.91	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.55	24.05	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#0	22.58	23.08	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#25	22.57	23.07	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#50	22.53	23.03	30.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.63	23.13	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.41	23.91	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.36	23.86	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.46	23.96	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#25	22.48	22.98	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#0	22.55	23.05	30.00	PASS



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Band4	20MHz	QPSK	20175	50RB#50	22.48	22.98	30.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.47	22.97	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.34	23.84	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.41	23.91	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.37	23.87	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#25	22.54	23.04	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#50	22.44	22.94	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#0	22.51	23.01	30.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.40	22.9	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#0	21.86	22.36	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#49	21.95	22.45	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#99	21.96	22.46	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#0	20.91	21.41	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#25	20.99	21.49	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#50	20.81	21.31	30.00	PASS
Band4	20MHz	64QAM	20050	100RB#0	20.91	21.41	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#99	21.89	22.39	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#0	22.00	22.5	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#49	21.92	22.42	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#25	20.81	21.31	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#50	20.84	21.34	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#0	20.94	21.44	30.00	PASS
Band4	20MHz	64QAM	20175	100RB#0	20.86	21.36	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#49	21.90	22.4	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#99	21.80	22.3	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#0	22.03	22.53	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#50	20.86	21.36	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#0	20.82	21.32	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#25	20.85	21.35	30.00	PASS
Band4	20MHz	64QAM	20300	100RB#0	20.73	21.23	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.67	23.17	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.68	23.18	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.70	23.2	30.00	PASS



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Band4	20MHz	16QAM	20050	50RB#0	21.64	22.14	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#25	21.62	22.12	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#50	21.52	22.02	30.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.61	22.11	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.59	23.09	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.69	23.19	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.71	23.21	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#25	21.49	21.99	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#0	21.59	22.09	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#50	21.45	21.95	30.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.52	22.02	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.73	23.23	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.48	22.98	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.81	23.31	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#50	21.46	21.96	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#25	21.53	22.03	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#0	21.50	22	30.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.43	21.93	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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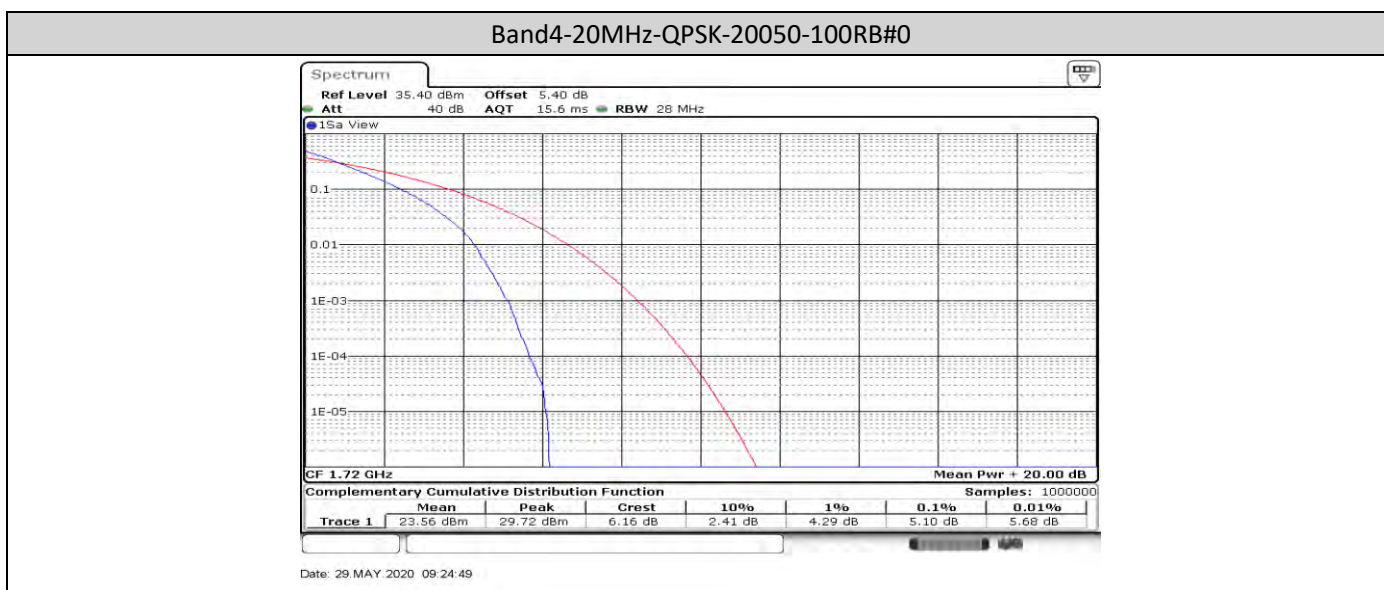


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	5.10	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.16	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.04	13	PASS
Band4	20MHz	64QAM	20050	100RB#0	6.41	13	PASS
Band4	20MHz	64QAM	20175	100RB#0	6.58	13	PASS
Band4	20MHz	64QAM	20300	100RB#0	6.64	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.91	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.91	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.91	13	PASS

2.2. Test Plots





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



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



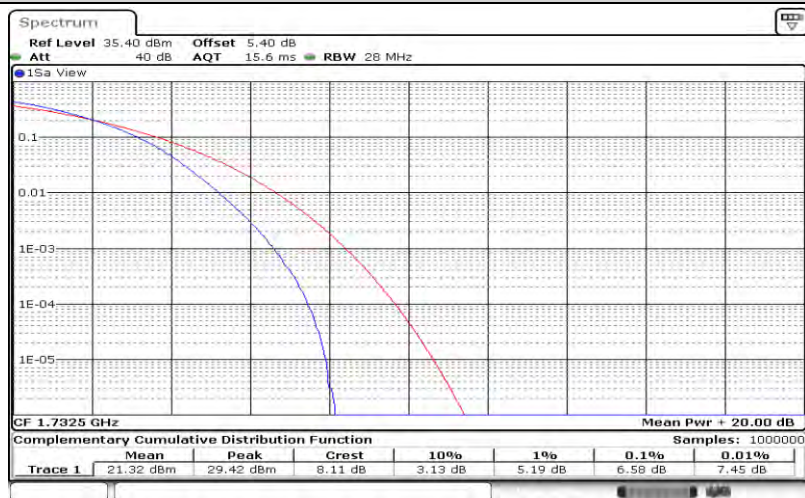


Band4-20MHz-64QAM-20050-100RB#0



Date: 31.MAY.2020 12:37:32

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



Date: 31.MAY.2020 12:37:43





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



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



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



Date: 29 MAY 2020 09:25:23

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



Date: 29 MAY 2020 09:25:45

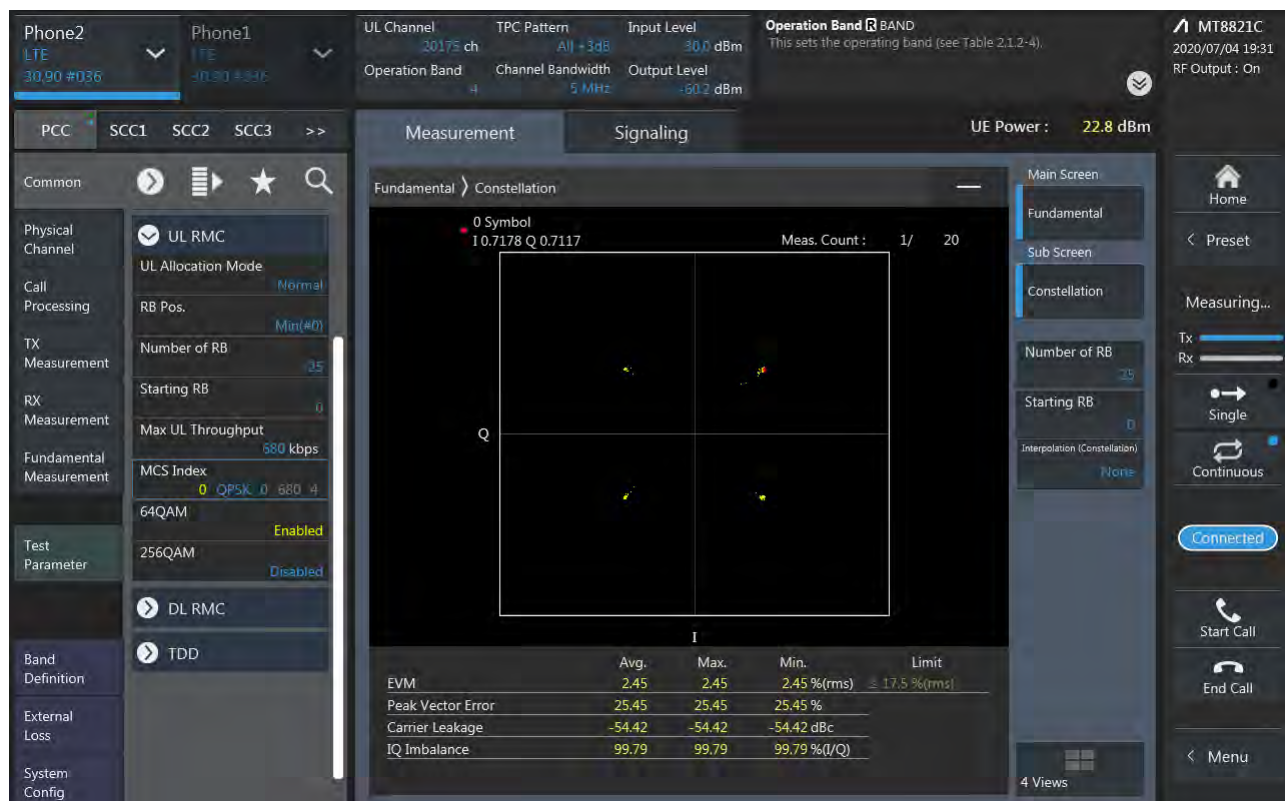




3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

3.1.1. Test Channel = MCH



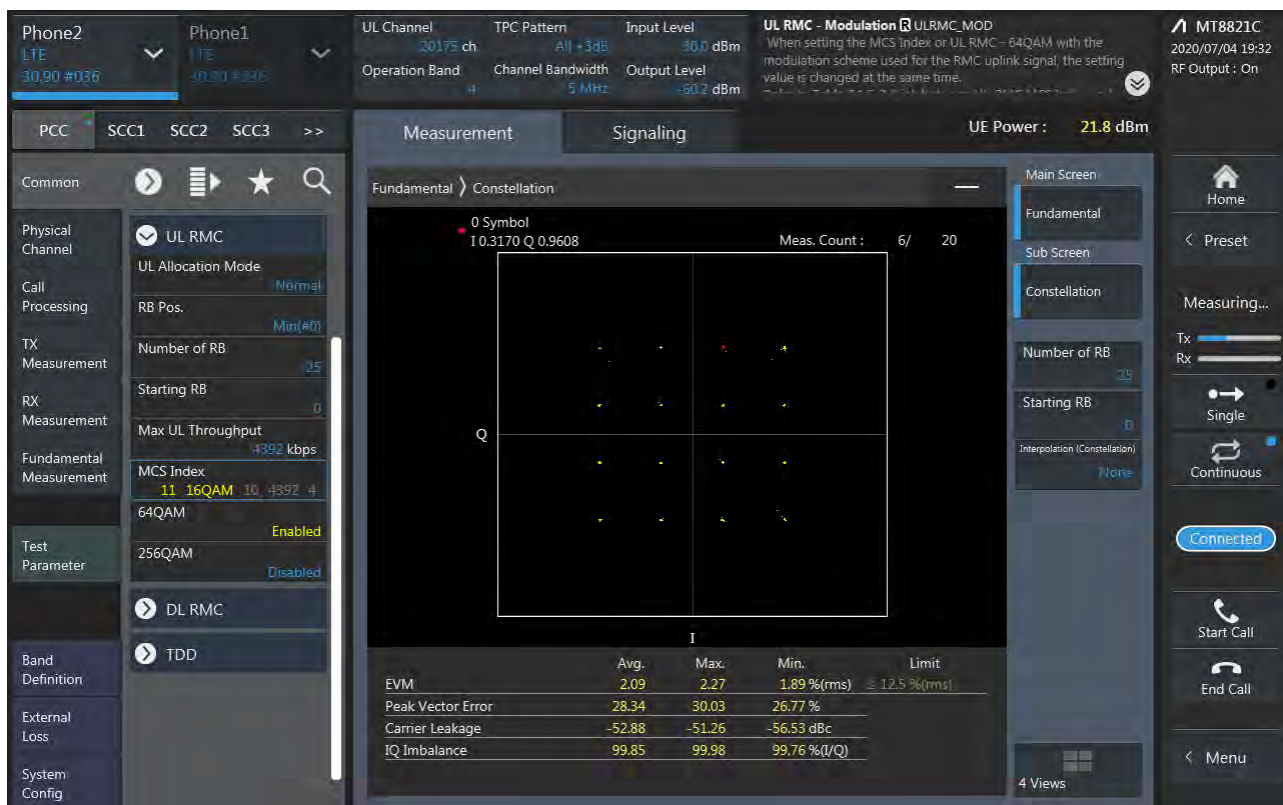
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3.2. Test Mode = LTE /TM2 20MHz

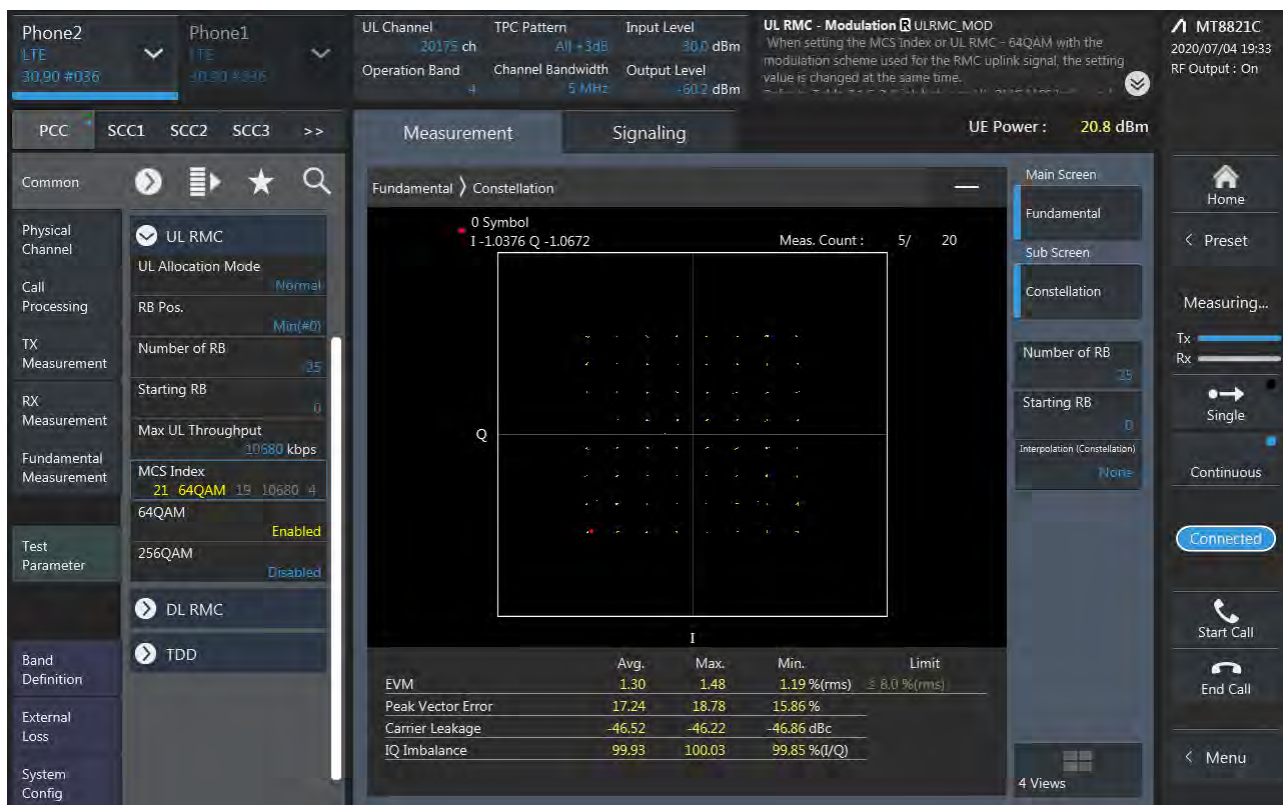
3.2.1. Test Channel = MCH





3.3. Test Mode = LTE /TM3 20MHz

3.3.1. Test Channel = MCH





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	1.233	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.085	1.239	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.088	1.233	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	1.094	1.236	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	1.097	1.236	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	1.094	1.242	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.085	1.236	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.097	1.230	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.088	1.236	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.697	3.012	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.697	3.006	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.691	3.012	PASS
Band4	3MHz	64QAM	19965	15RB#0	2.691	2.988	PASS
Band4	3MHz	64QAM	20175	15RB#0	2.691	2.988	PASS
Band4	3MHz	64QAM	20385	15RB#0	2.691	2.988	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.685	2.982	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.685	2.976	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.685	2.988	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.466	4.880	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.476	4.880	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.476	4.860	PASS
Band4	5MHz	64QAM	19975	25RB#0	4.466	4.890	PASS
Band4	5MHz	64QAM	20175	25RB#0	4.466	4.880	PASS
Band4	5MHz	64QAM	20375	25RB#0	4.466	4.880	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.486	4.910	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.486	4.910	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.486	4.910	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.931	9.640	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.931	9.660	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.911	9.660	PASS
Band4	10MHz	64QAM	20000	50RB#0	8.931	9.600	PASS



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Band4	10MHz	64QAM	20175	50RB#0	8.931	9.600	PASS
Band4	10MHz	64QAM	20350	50RB#0	8.911	9.620	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.931	9.680	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.911	9.720	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.911	9.640	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.457	14.670	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.457	14.640	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.457	14.730	PASS
Band4	15MHz	64QAM	20025	75RB#0	13.457	14.610	PASS
Band4	15MHz	64QAM	20175	75RB#0	13.457	14.760	PASS
Band4	15MHz	64QAM	20325	75RB#0	13.427	14.730	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.427	14.610	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.457	14.700	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.427	14.760	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	19.360	PASS
Band4	20MHz	64QAM	20050	100RB#0	17.862	19.280	PASS
Band4	20MHz	64QAM	20175	100RB#0	17.862	19.400	PASS
Band4	20MHz	64QAM	20300	100RB#0	17.862	19.440	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.902	19.320	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.862	19.360	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.862	19.480	PASS



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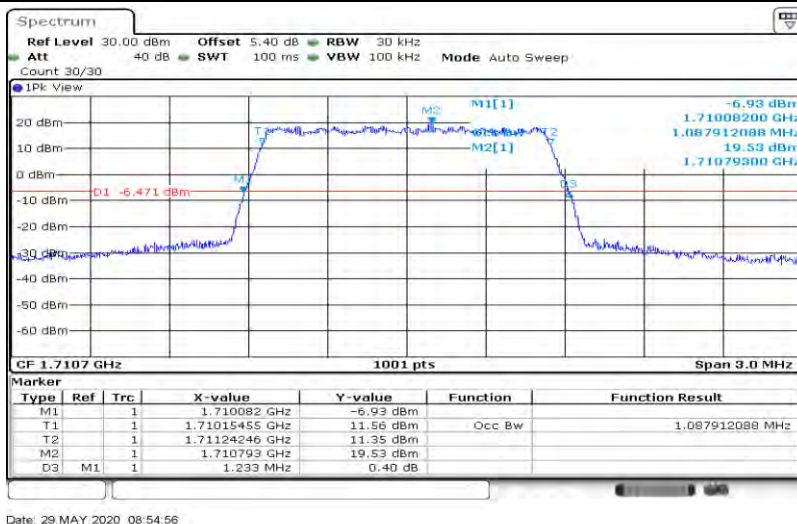
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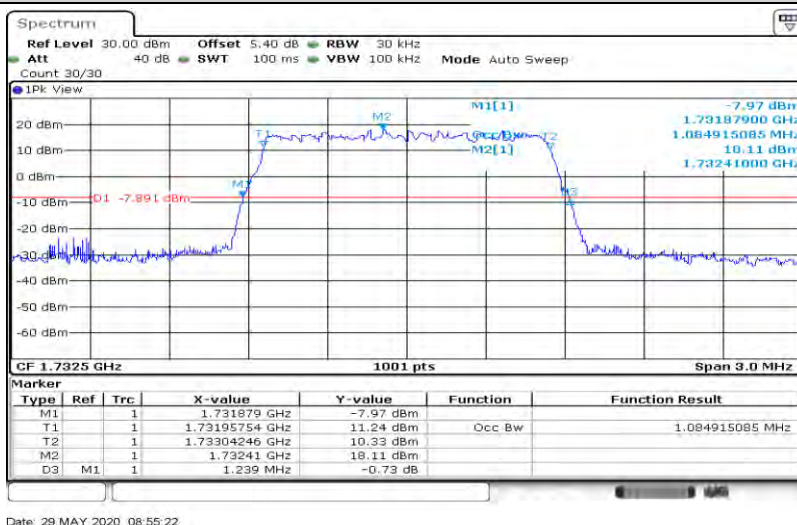


4.2. Test Plots

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



Band4-1.4MHz-QPSK-20175-6RB#0-1.085



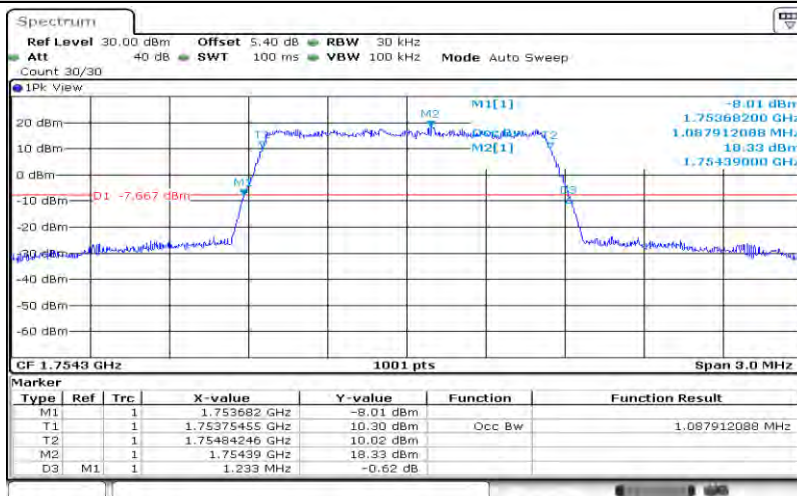
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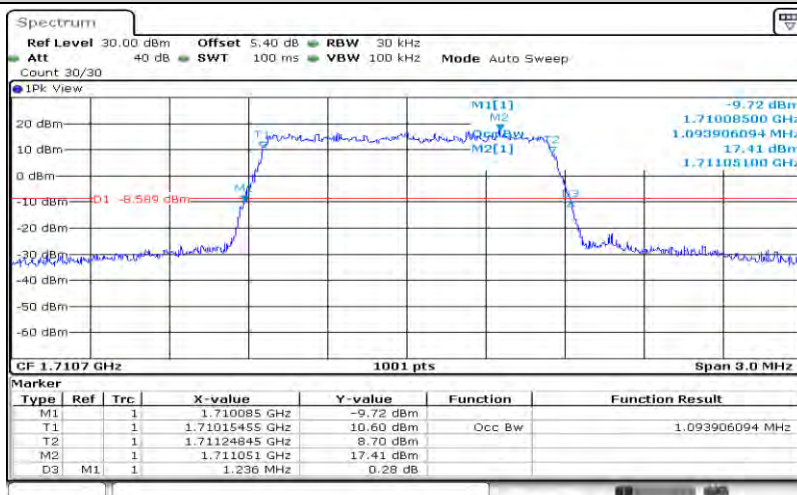


Band4-1.4MHz-QPSK-20393-6RB#0-1.088



Date: 29 MAY 2020 08:55:47

Band4-1.4MHz-64QAM-19957-6RB#0-1.094



Date: 31 MAY 2020 12:15:39

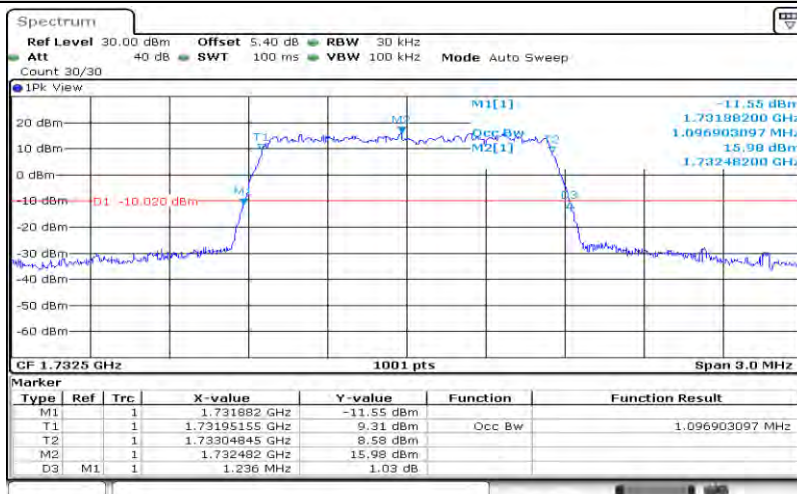


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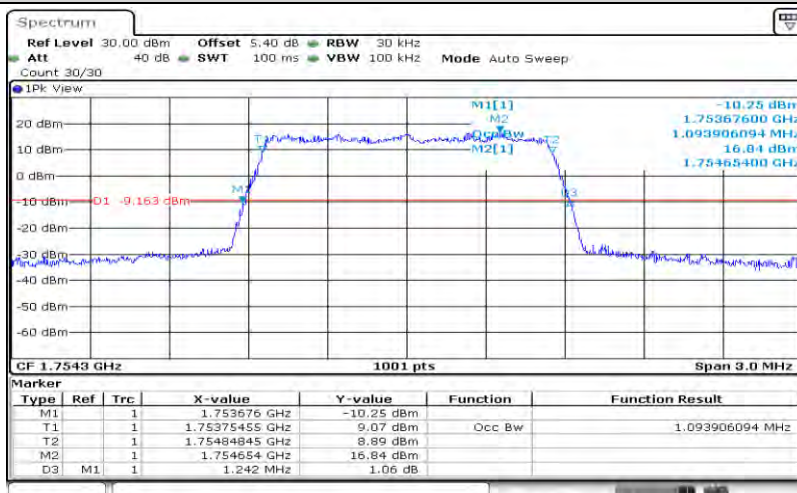


Band4-1.4MHz-64QAM-20175-6RB#0-1.097



Date: 31.MAY 2020 12:15:52

Band4-1.4MHz-64QAM-20393-6RB#0-1.094



Date: 31.MAY 2020 12:16:05



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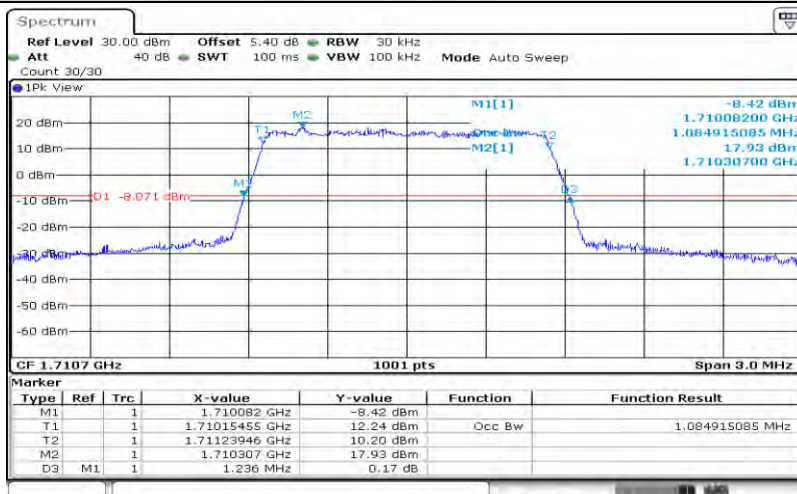
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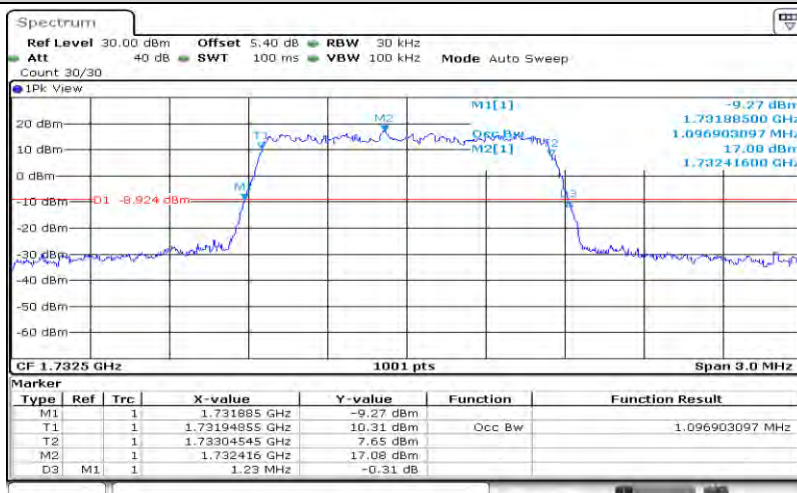


Band4-1.4MHz-16QAM-19957-6RB#0-1.085



Date: 29 MAY 2020 08:55:09

Band4-1.4MHz-16QAM-20175-6RB#0-1.097

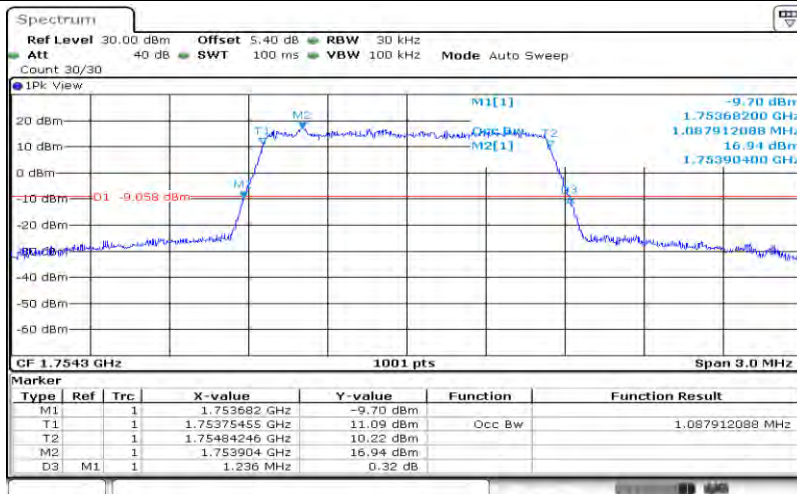


Date: 29 MAY 2020 08:55:34



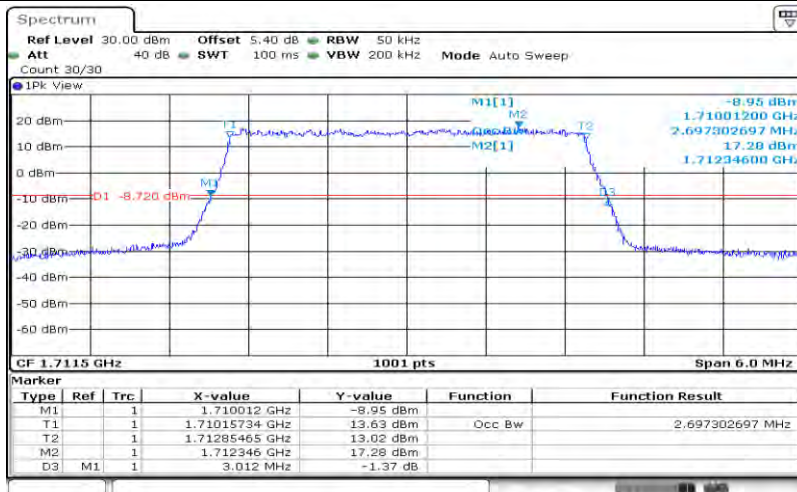


Band4-1.4MHz-16QAM-20393-6RB#0-1.088



Date: 29 MAY 2020 08:56:00

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



Date: 29 MAY 2020 08:56:17



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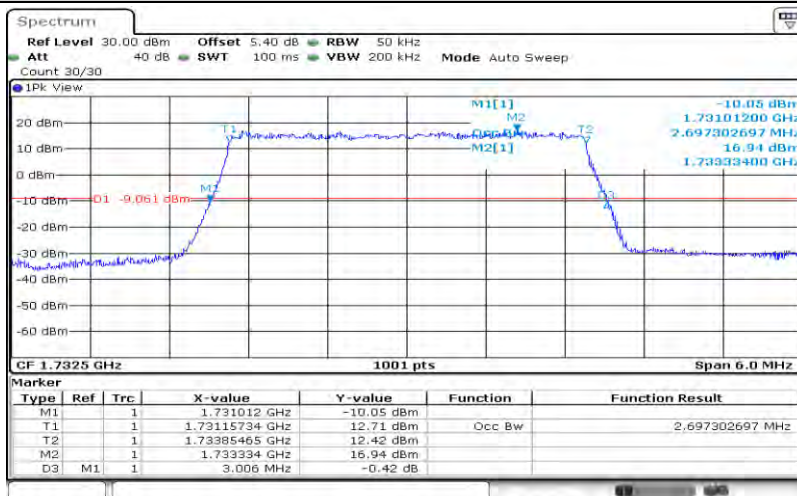
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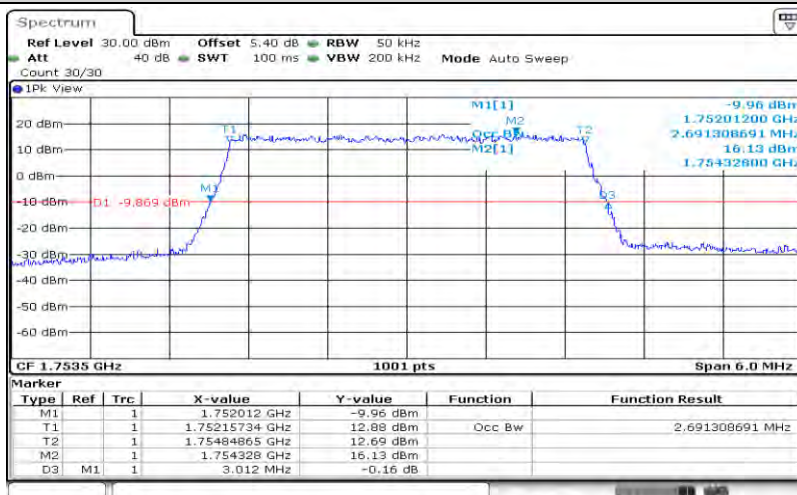


Band4-3MHz-QPSK-20175-15RB#0-2.697



Date: 29 MAY 2020 08:56:43

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



Date: 29 MAY 2020 08:57:08



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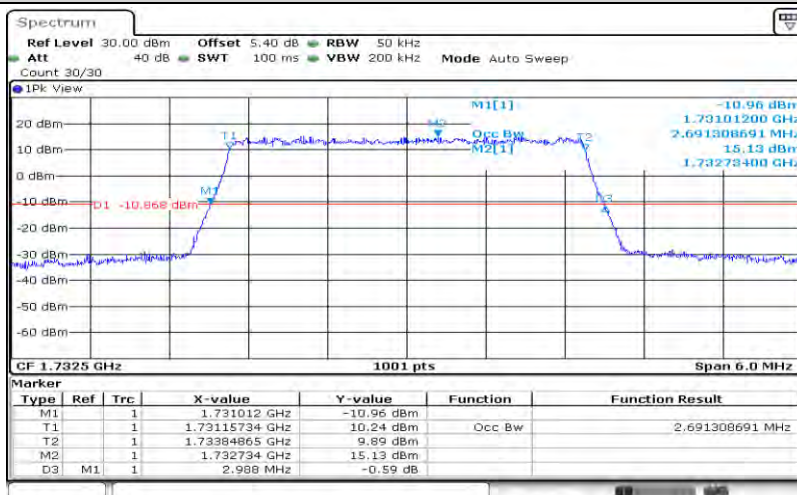


Band4-3MHz-64QAM-19965-15RB#0-2.691



Date: 31.MAY 2020 12:16:23

Band4-3MHz-64QAM-20175-15RB#0-2.691



Date: 31.MAY 2020 12:16:36



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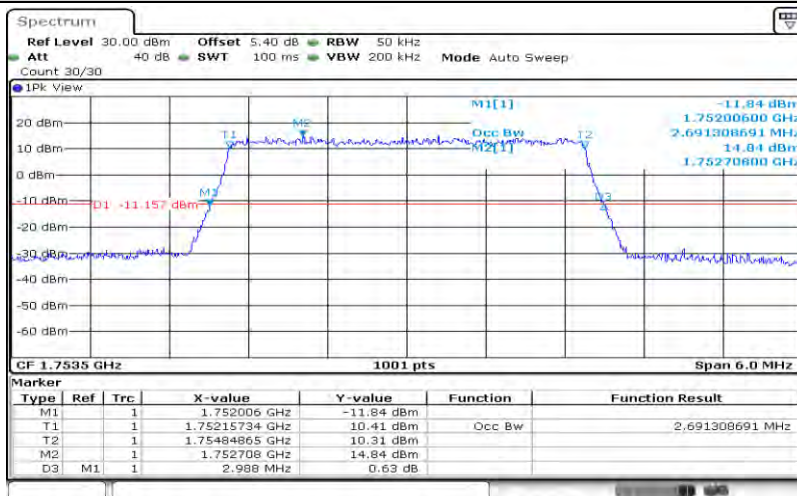
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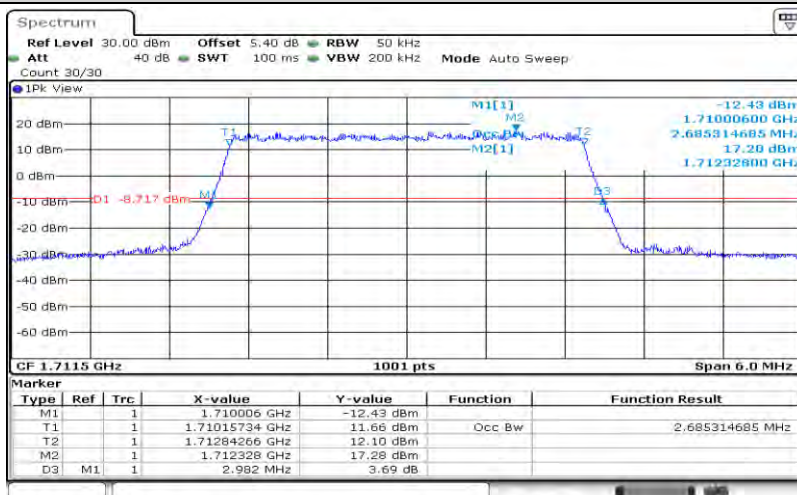


Band4-3MHz-64QAM-20385-15RB#0-2.691



Date: 31.MAY 2020 12:16:49

Band4-3MHz-16QAM-19965-15RB#0-2.685



Date: 29 MAY 2020 08:56:30

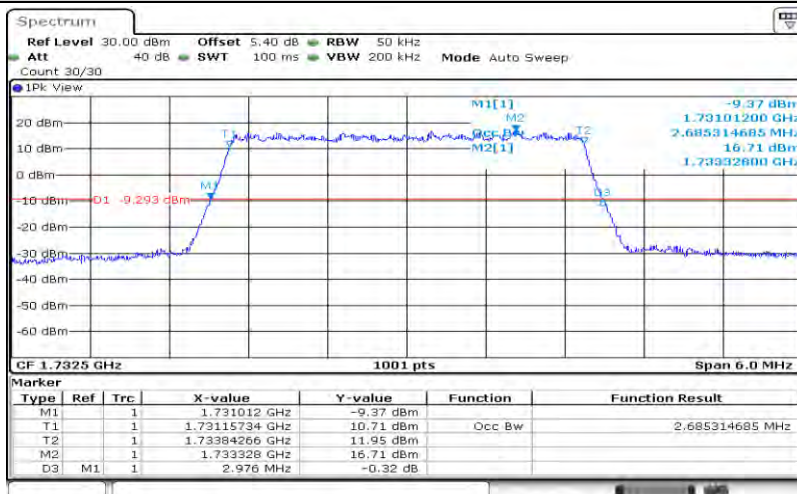


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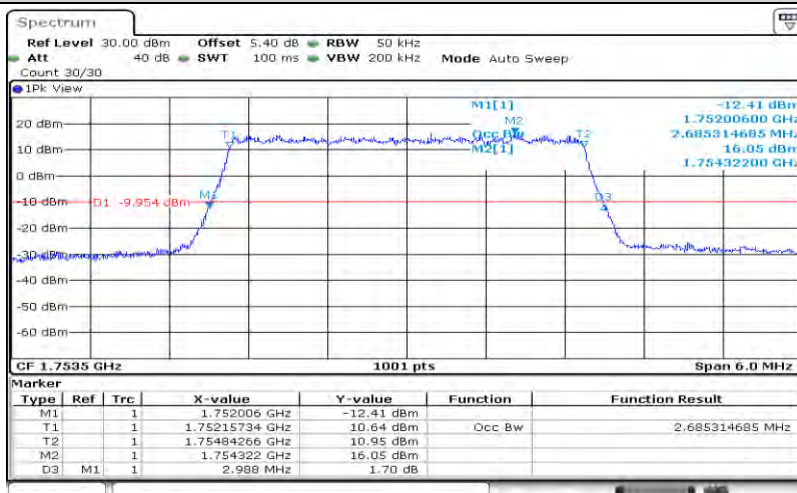


Band4-3MHz-16QAM-20175-15RB#0-2.685



Date: 29 MAY 2020 08:56:55

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



Date: 29 MAY 2020 08:57:21

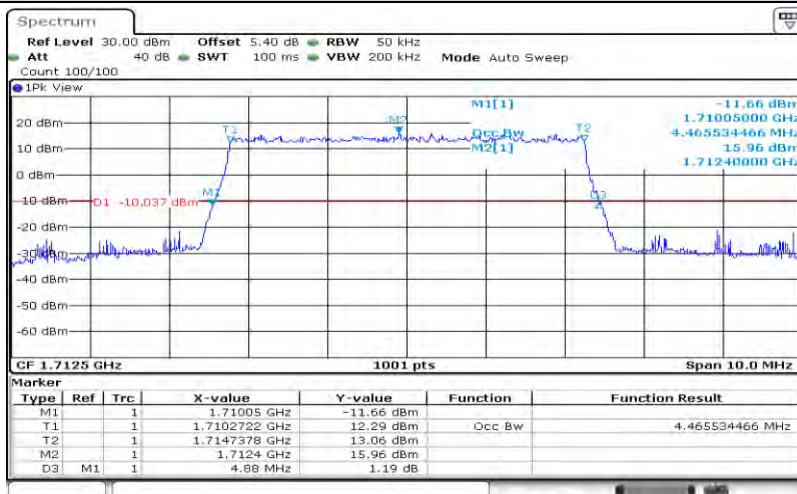


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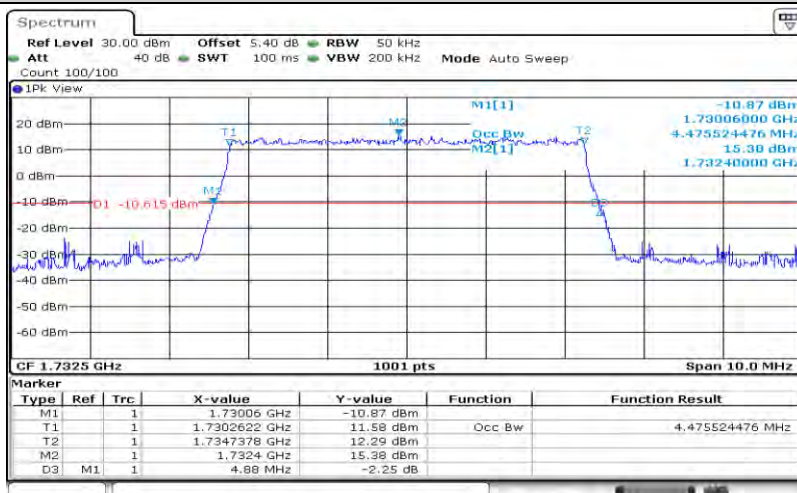


Band4-5MHz-QPSK-19975-25RB#0-4.466



Date: 29 MAY 2020 08:57:45

Band4-5MHz-QPSK-20175-25RB#0-4.476



Date: 29 MAY 2020 08:58:25

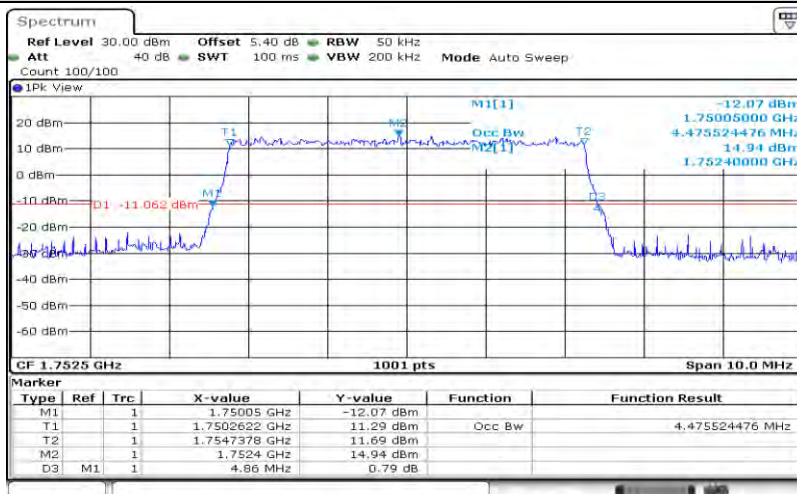


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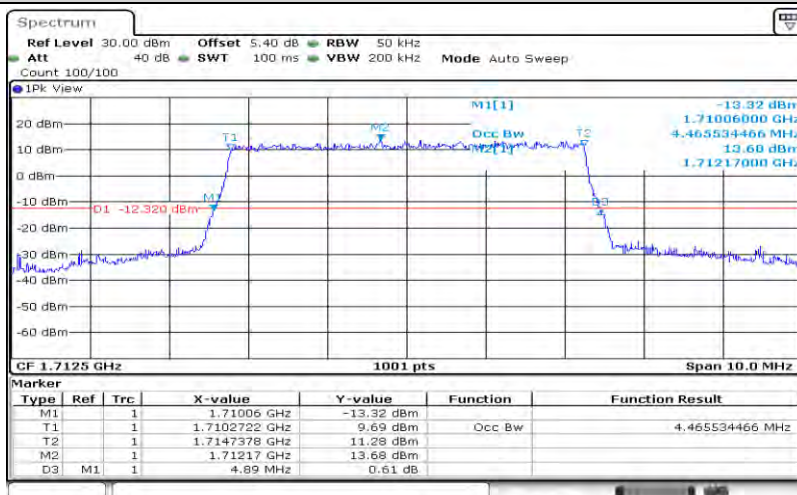


Band4-5MHz-QPSK-20375-25RB#0-4.476



Date: 29 MAY 2020 08:59:04

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



Date: 31 MAY 2020 12:17:14

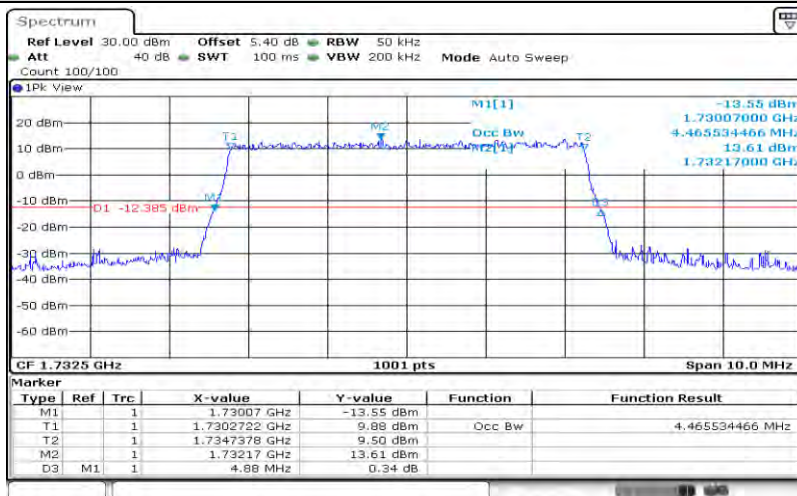


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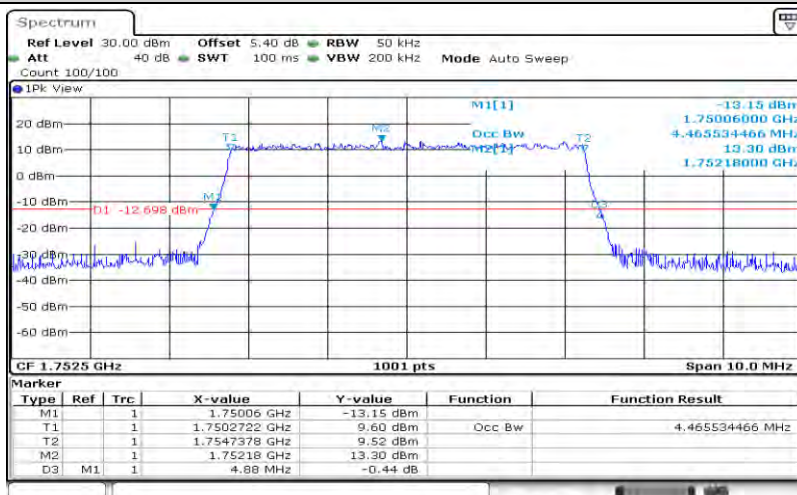


Band4-5MHz-64QAM-20175-25RB#0-4.466



Date: 31.MAY 2020 12:17:34

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



Date: 31.MAY 2020 12:17:54

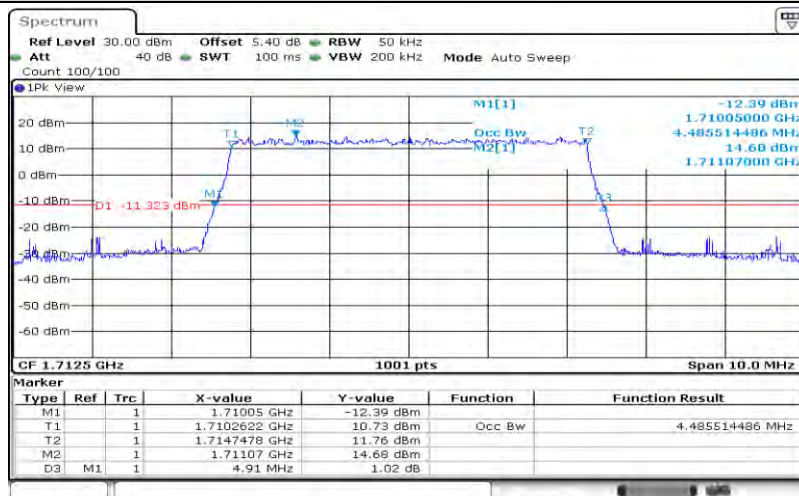


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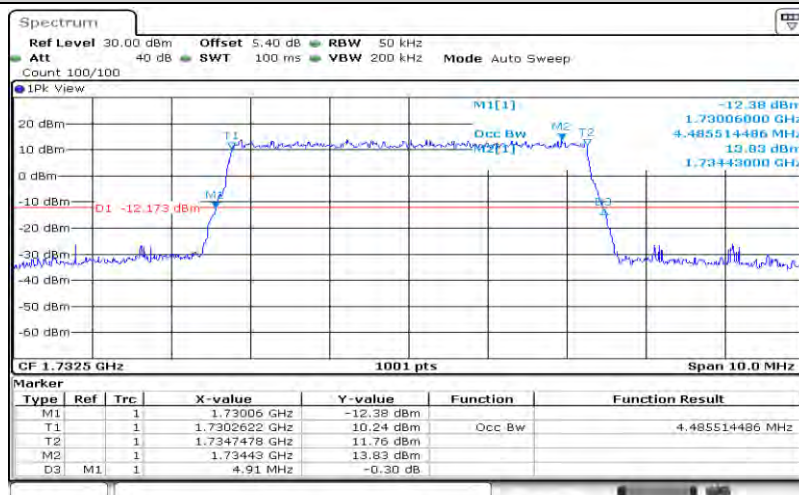


Band4-5MHz-16QAM-19975-25RB#0-4.486



Date: 29 MAY 2020 08:58:05

Band4-5MHz-16QAM-20175-25RB#0-4.486



Date: 29 MAY 2020 08:58:44

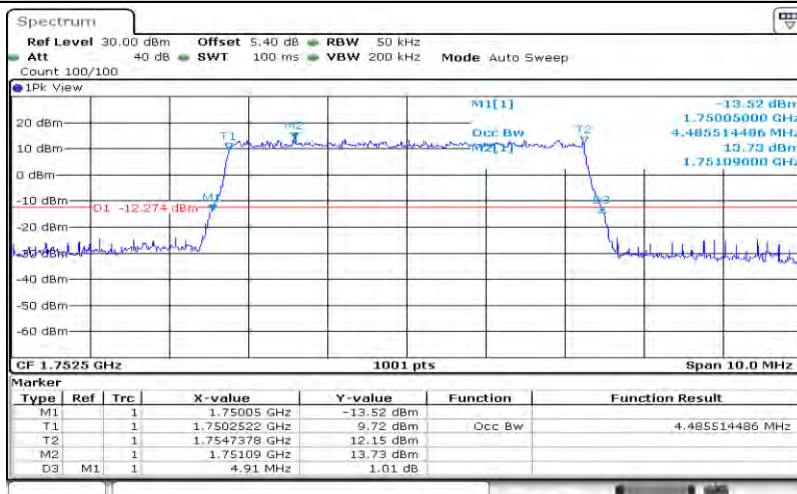


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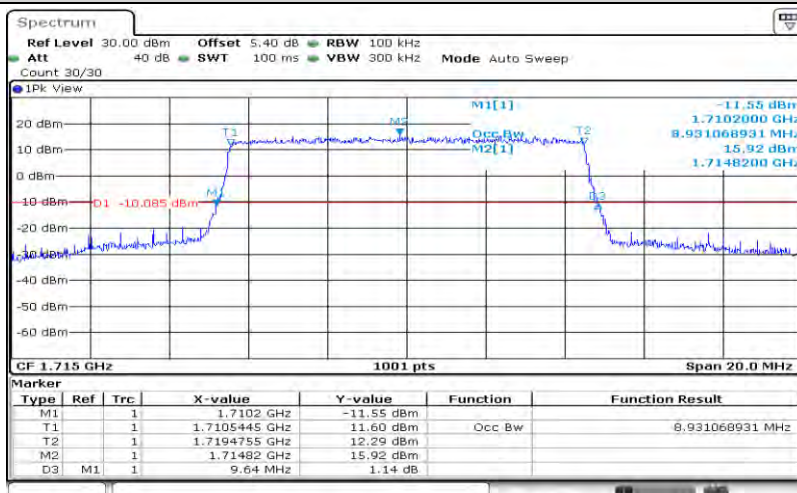


Band4-5MHz-16QAM-20375-25RB#0-4.486



Date: 29 MAY 2020 08:59:24

Band4-10MHz-QPSK-20000-50RB#0-8.931



Date: 29 MAY 2020 08:59:41

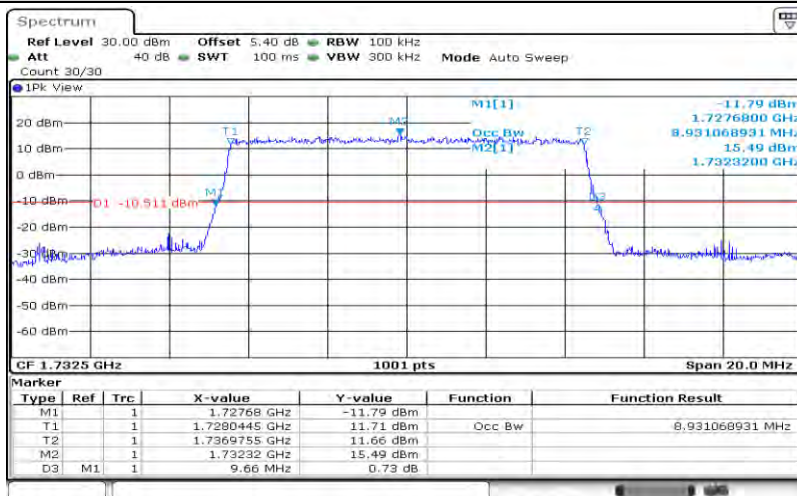


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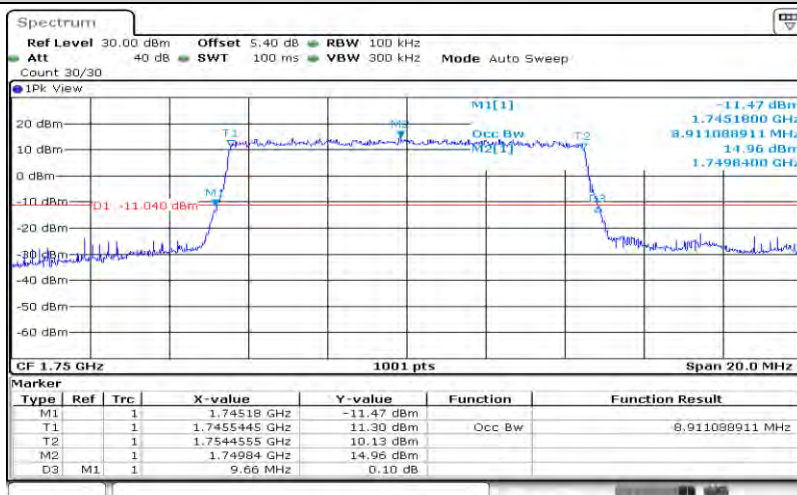


Band4-10MHz-QPSK-20175-50RB#0-8.931



Date: 29 MAY 2020 09:00:07

Band4-10MHz-QPSK-20350-50RB#0-8.911



Date: 29 MAY 2020 09:00:32

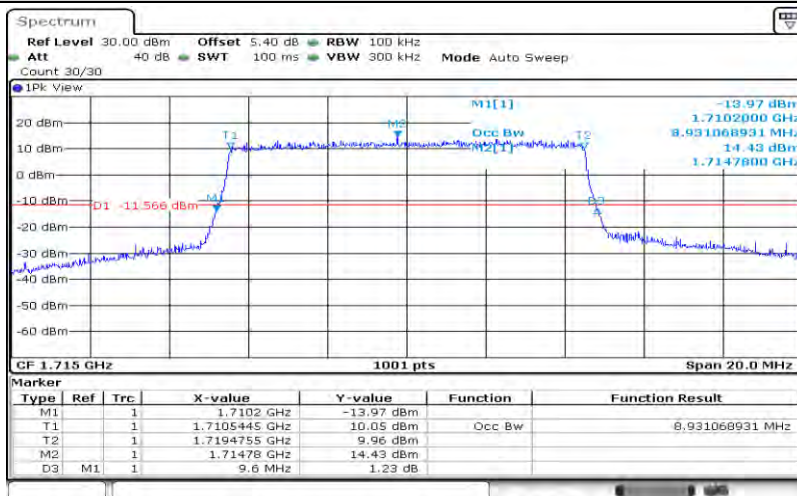


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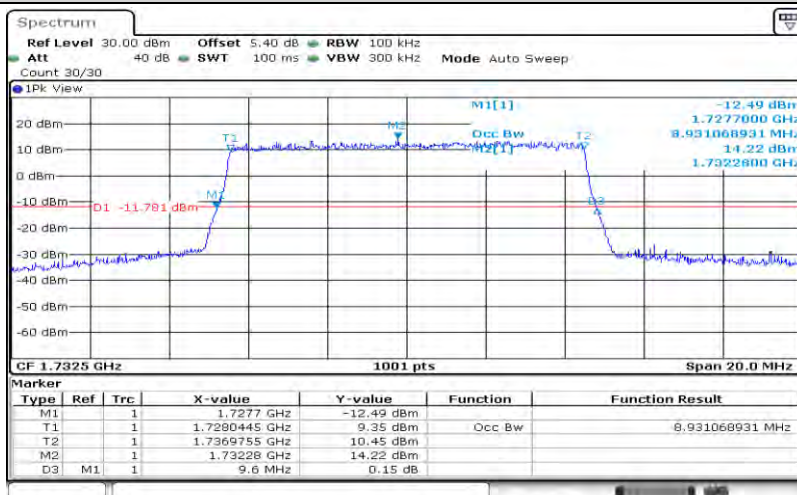


Band4-10MHz-64QAM-20000-50RB#0-8.931



Date: 31.MAY 2020 12:18:12

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



Date: 31.MAY 2020 12:18:25

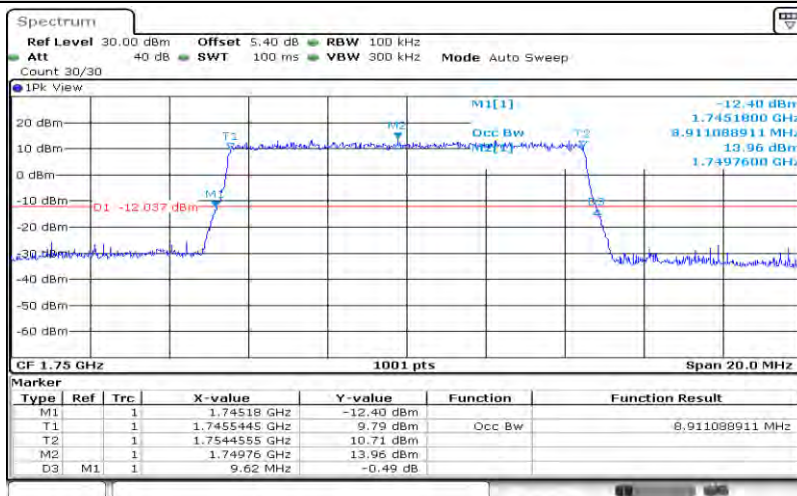


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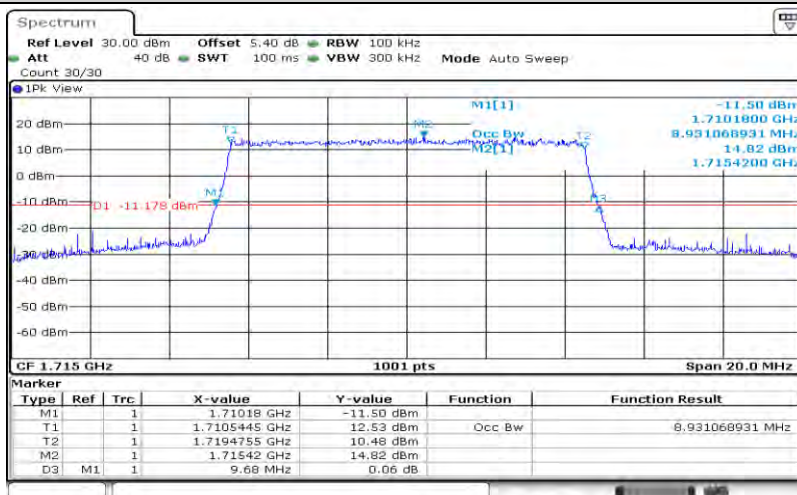


Band4-10MHz-64QAM-20350-50RB#0-8.911



Date: 31.MAY 2020 12:18:38

Band4-10MHz-16QAM-20000-50RB#0-8.931



Date: 29 MAY 2020 08:59:54



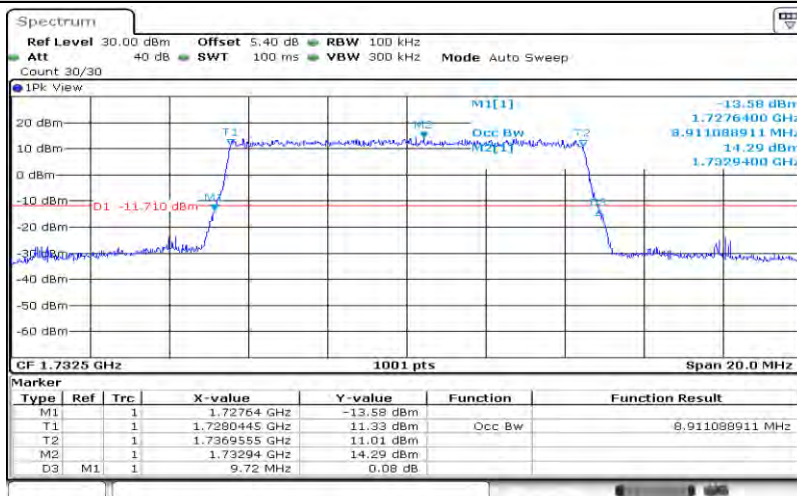
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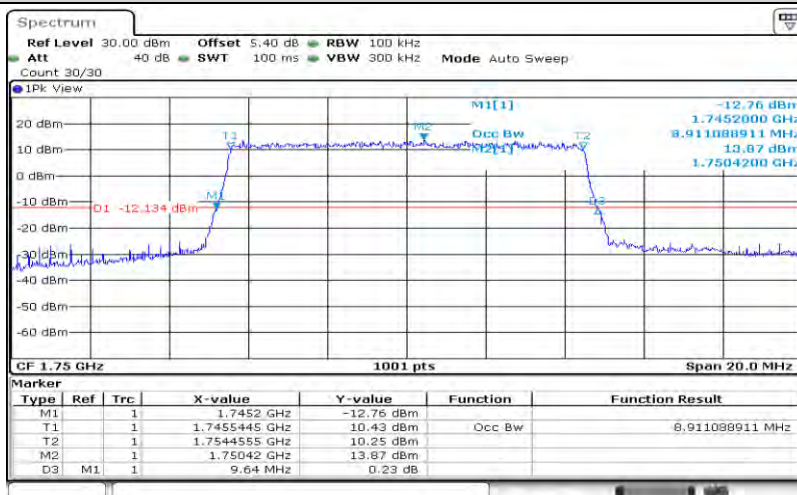


Band4-10MHz-16QAM-20175-50RB#0-8.911



Date: 29 MAY 2020 09:00:19

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



Date: 29 MAY 2020 09:00:45

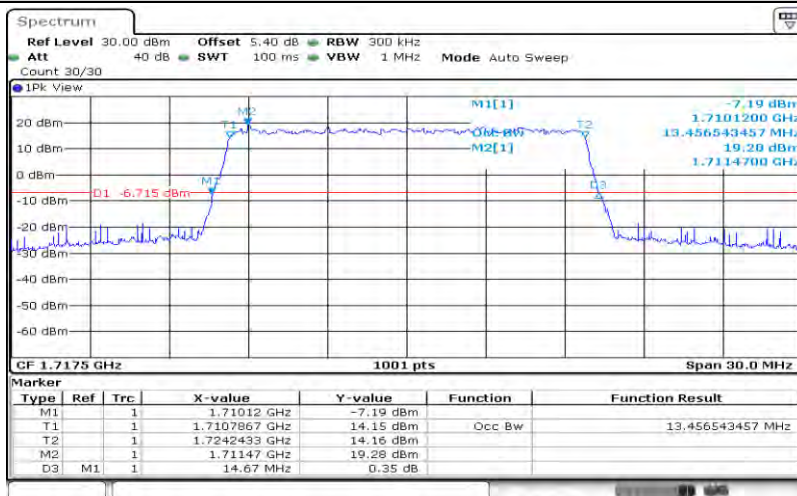


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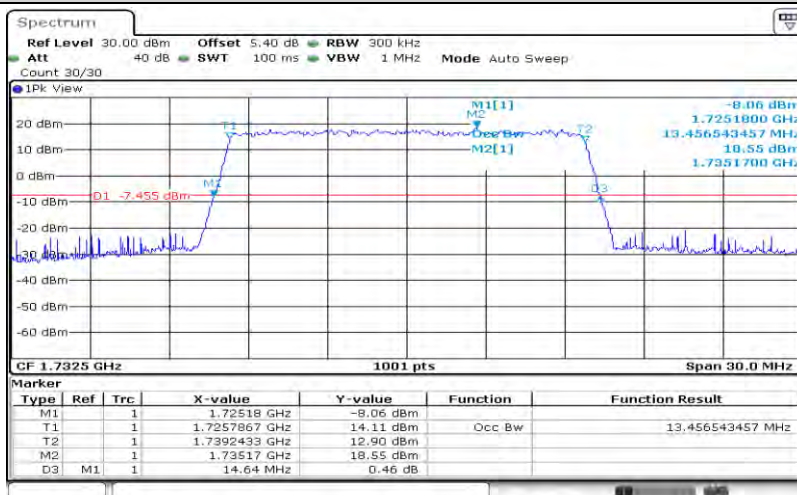


Band4-15MHz-QPSK-20025-75RB#0-13.457



Date: 29 MAY 2020 09:01:02

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



Date: 29 MAY 2020 09:01:28

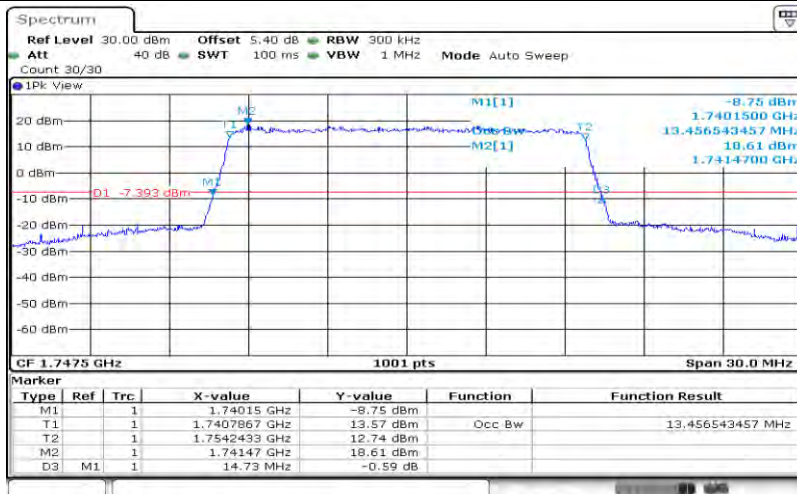


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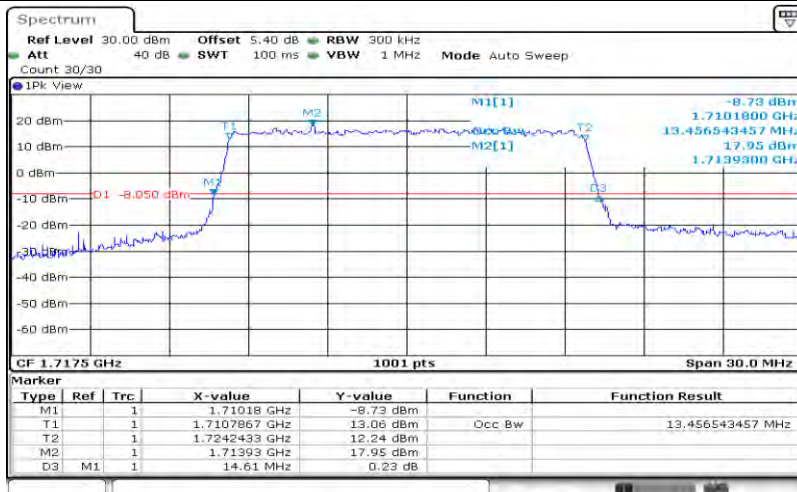


Band4-15MHz-QPSK-20325-75RB#0-13.457



Date: 29 MAY 2020 09:01:53

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



Date: 31 MAY 2020 12:18:56

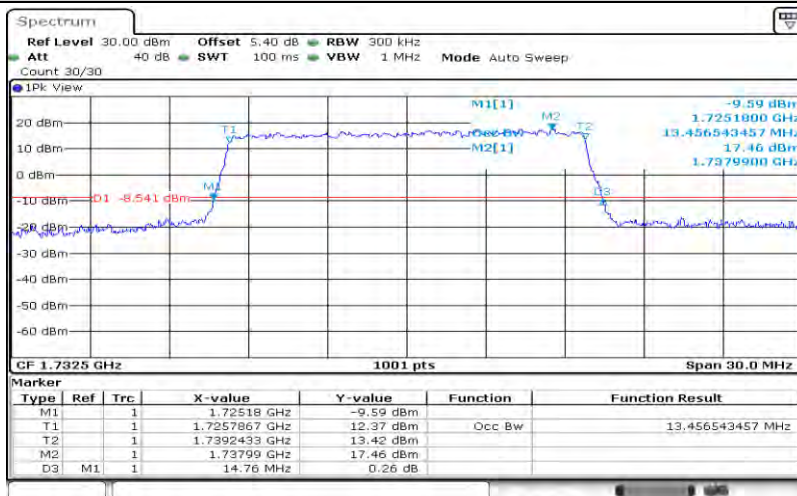


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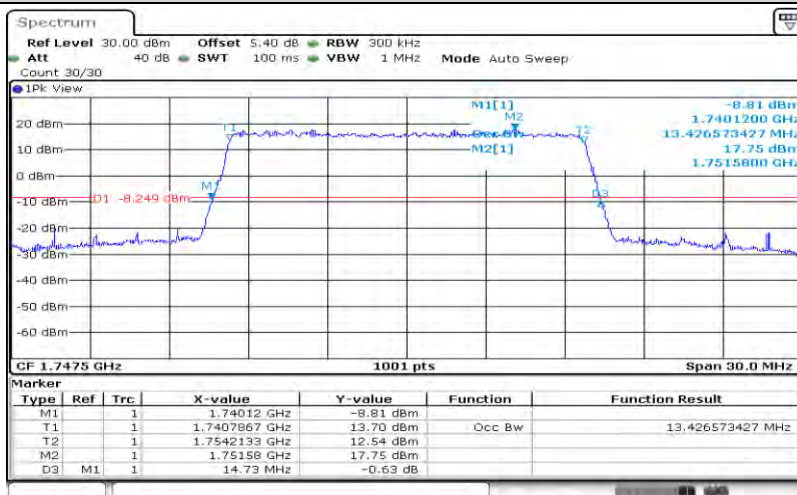


Band4-15MHz-64QAM-20175-75RB#0-13.457



Date: 31.MAY.2020 12:19:08

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



Date: 31.MAY.2020 12:19:21

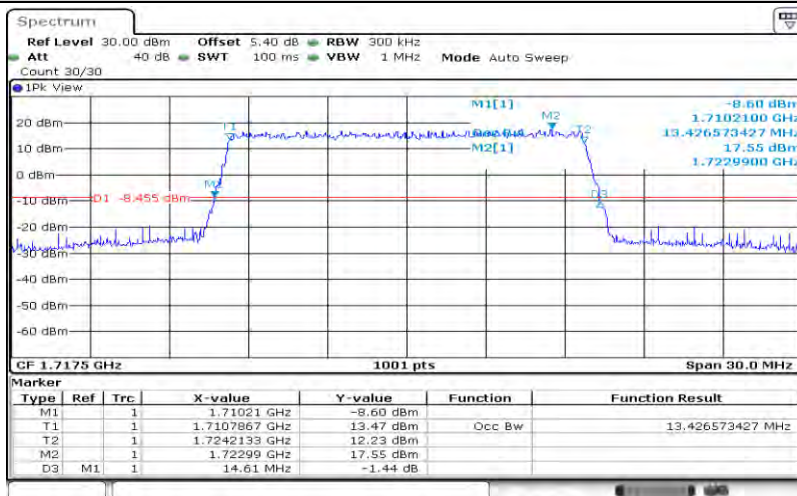


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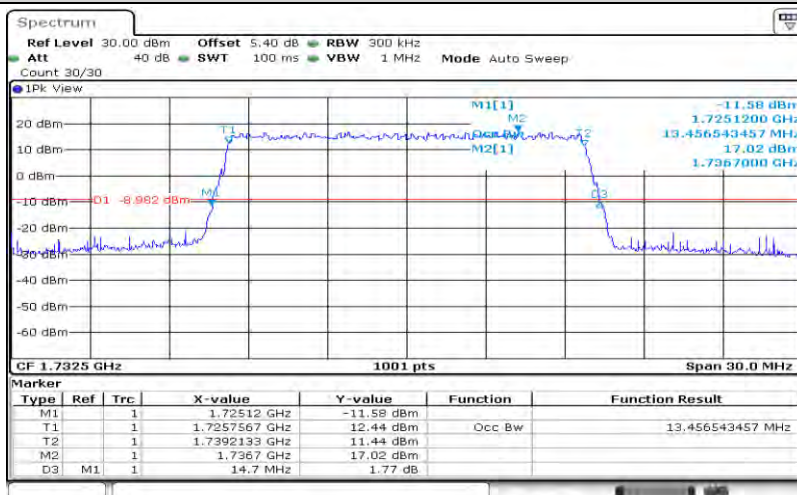


Band4-15MHz-16QAM-20025-75RB#0-13.427



Date: 29 MAY 2020 09:01:15

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



Date: 29 MAY 2020 09:01:40

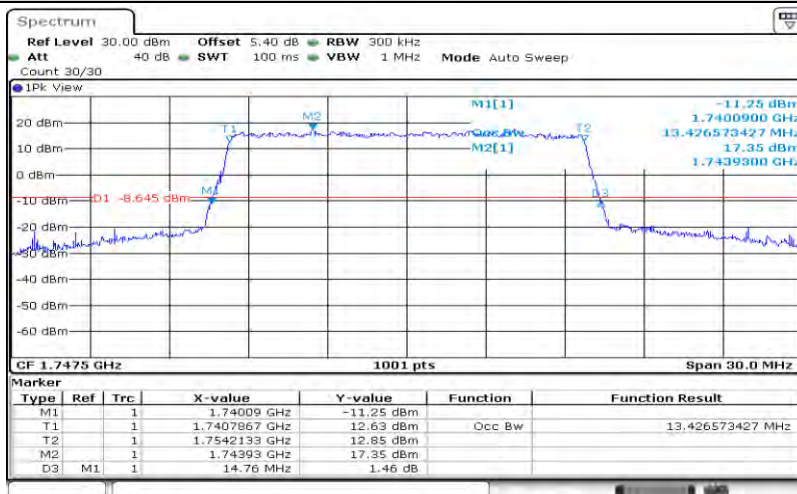


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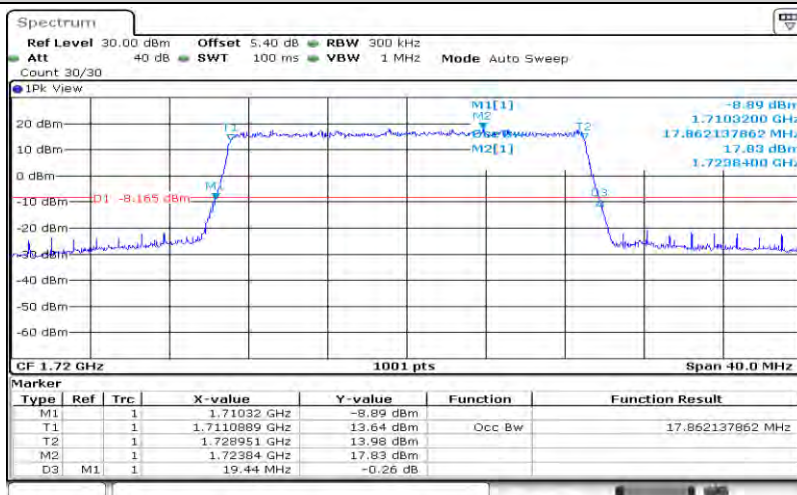
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Band4-15MHz-16QAM-20325-75RB#0-13.427



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

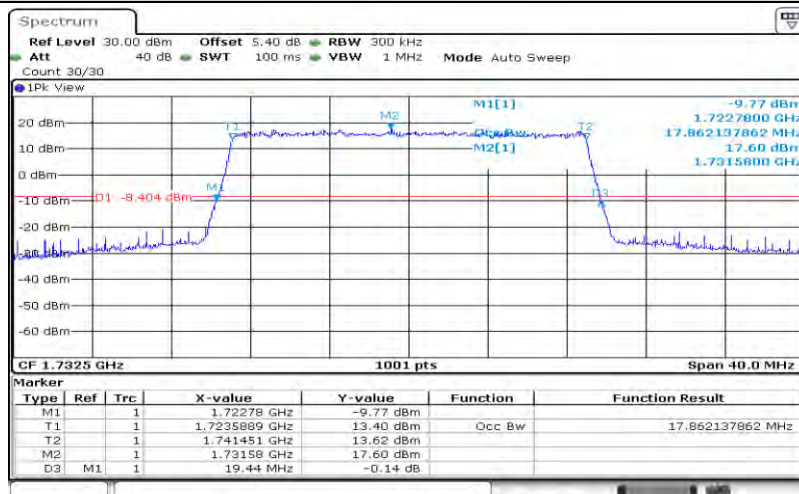


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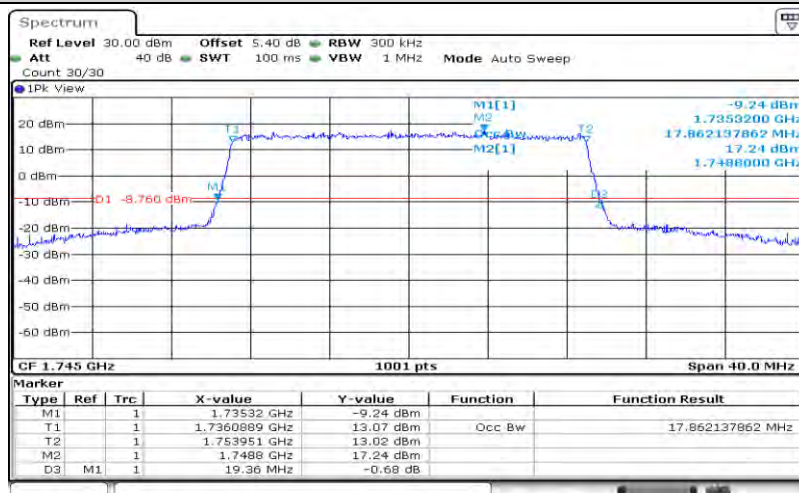


Band4-20MHz-QPSK-20175-100RB#0-17.862



Date: 29 MAY 2020 09:02:49

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



Date: 29 MAY 2020 09:03:15

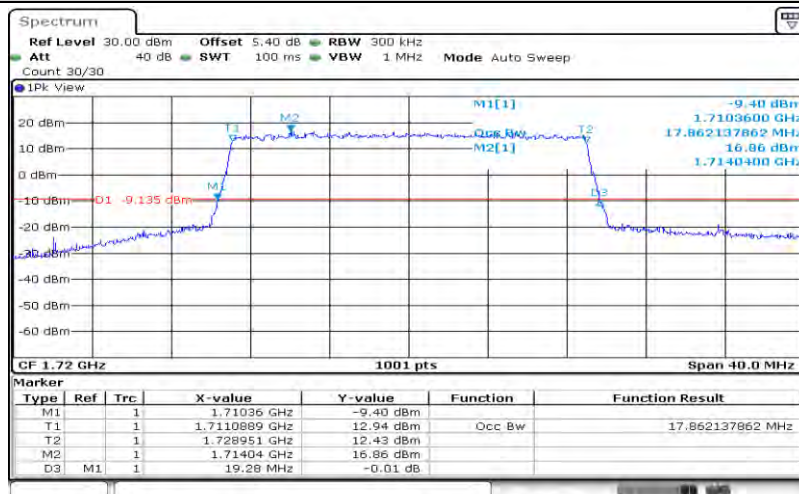


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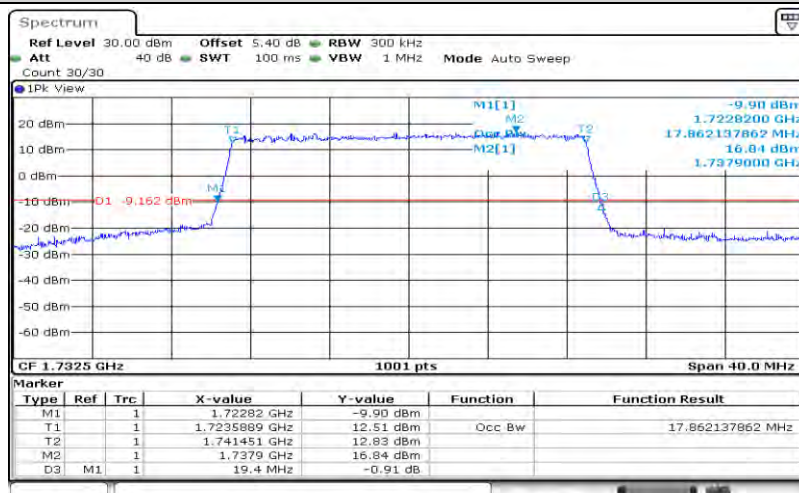


Band4-20MHz-64QAM-20050-100RB#0-17.862



Date: 31.MAY 2020 12:19:39

Band4-20MHz-64QAM-20175-100RB#0-17.862



Date: 31.MAY 2020 12:19:52

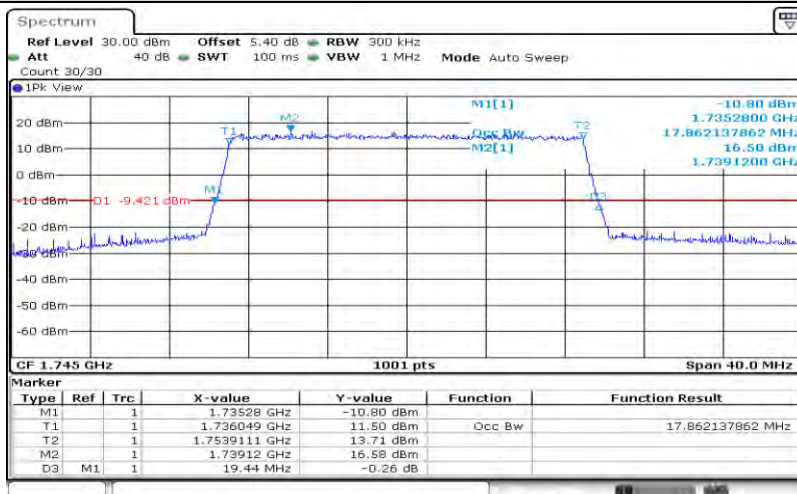


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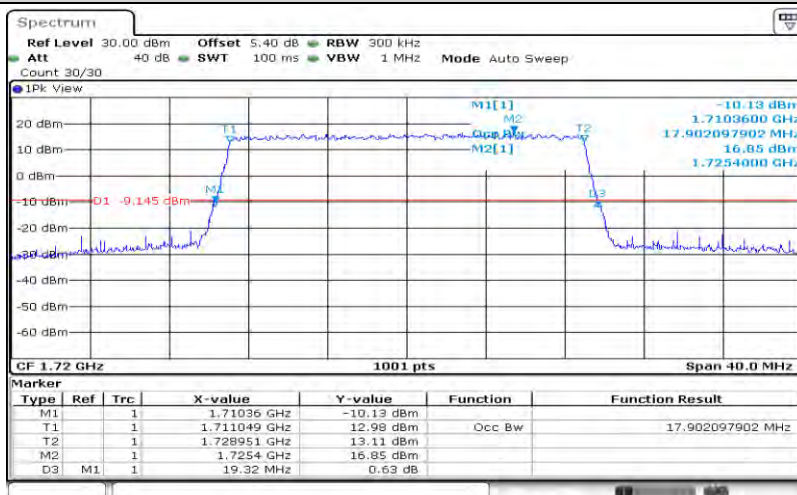
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Band4-20MHz-64QAM-20300-100RB#0-17.862



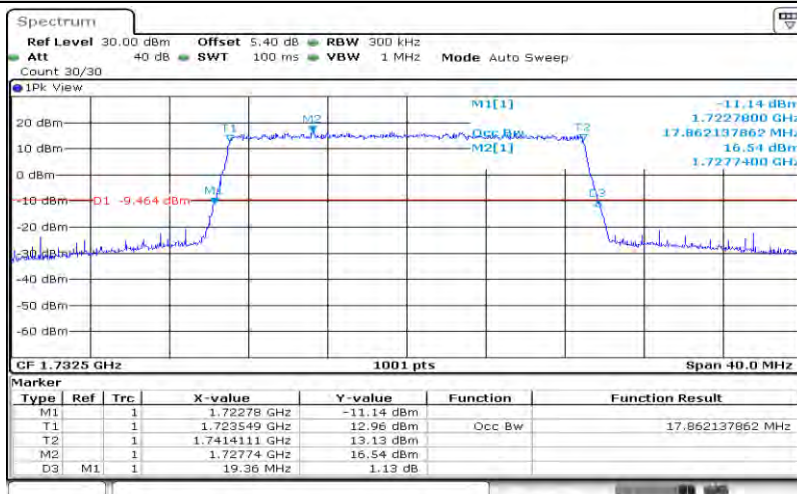
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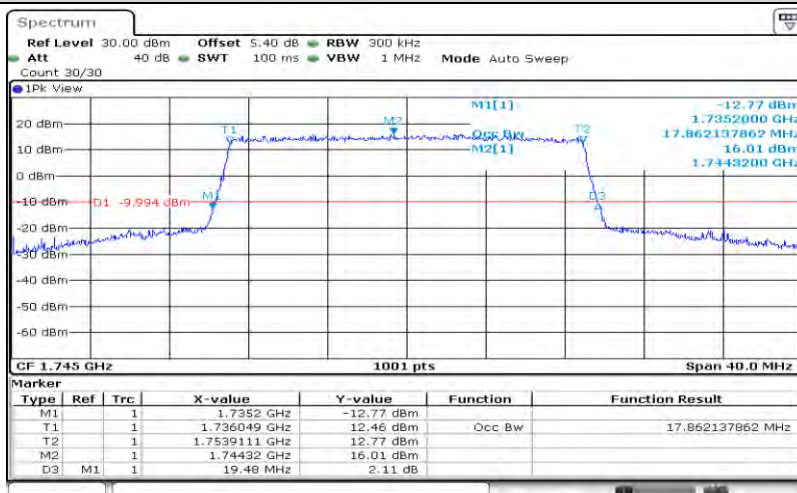
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Band4-20MHz-16QAM-20175-100RB#0-17.862



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



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5. Band Edge Compliance

5.1. Test Plots

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



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



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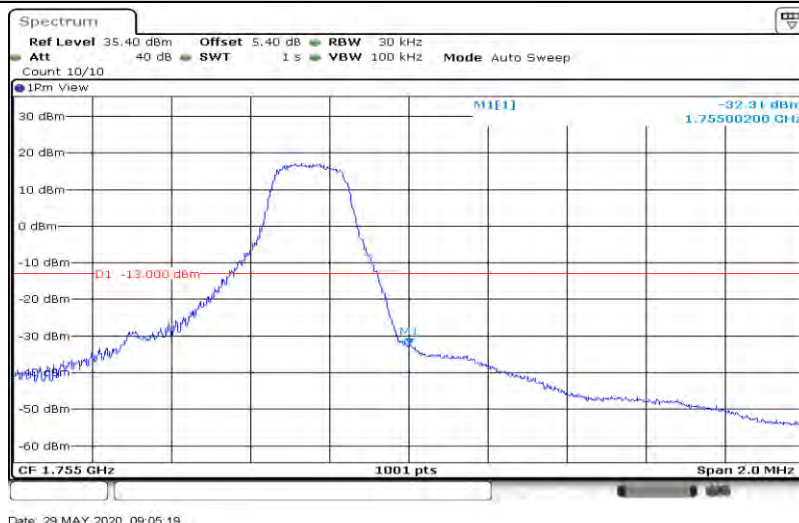
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Band4-1.4MHz-QPSK-20393-1RB#5



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



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Band4-1.4MHz-64QAM-20393-1RB#5



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Band4-1.4MHz-16QAM-19957-1RB#0



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



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



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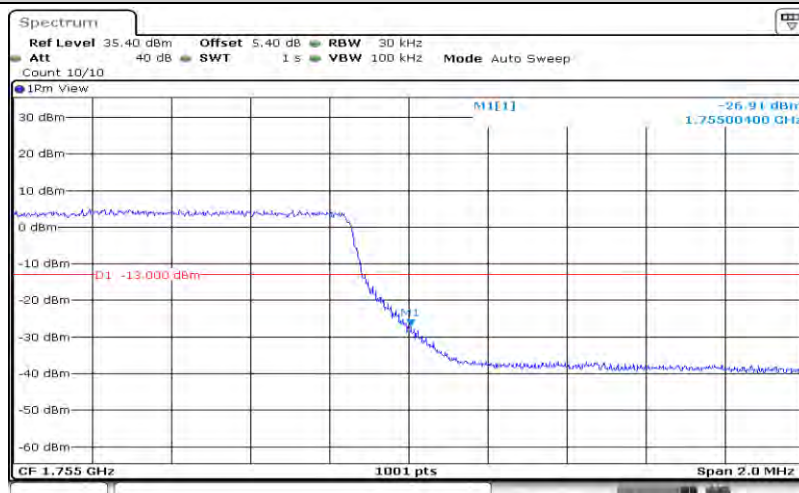


Band4-3MHz-QPSK-20385-1RB#14



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



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Date: 31.MAY 2020 12:28:55





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



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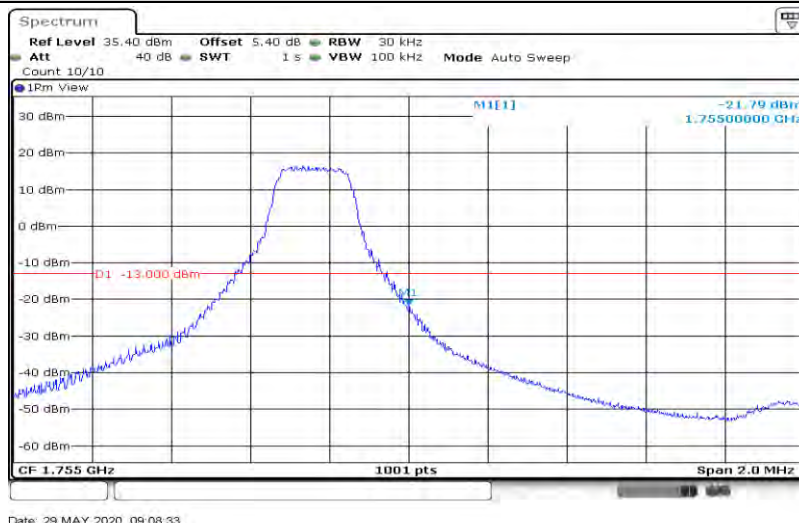


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Band4-5MHz-QPSK-19975-1RB#0



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



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



Date: 31.MAY 2020 12:28:19

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



Date: 31.MAY 2020 12:28:39





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



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



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



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



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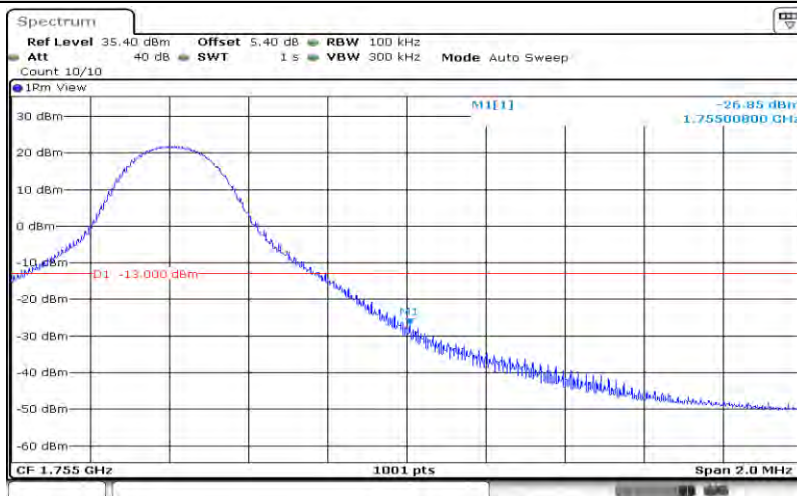
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Band4-10MHz-QPSK-20350-1RB#49



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Band4-10MHz-64QAM-20000-1RB#0



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Band4-10MHz-16QAM-20350-1RB#49



Date: 29 MAY 2020 09:14:20

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



Date: 29 MAY 2020 09:15:01



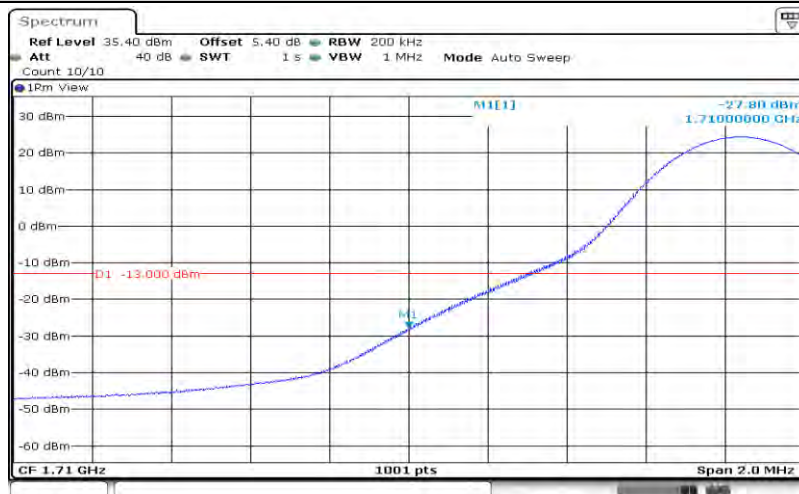
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Date: 29 MAY 2020 09:15:26

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



Date: 29 MAY 2020 09:16:09



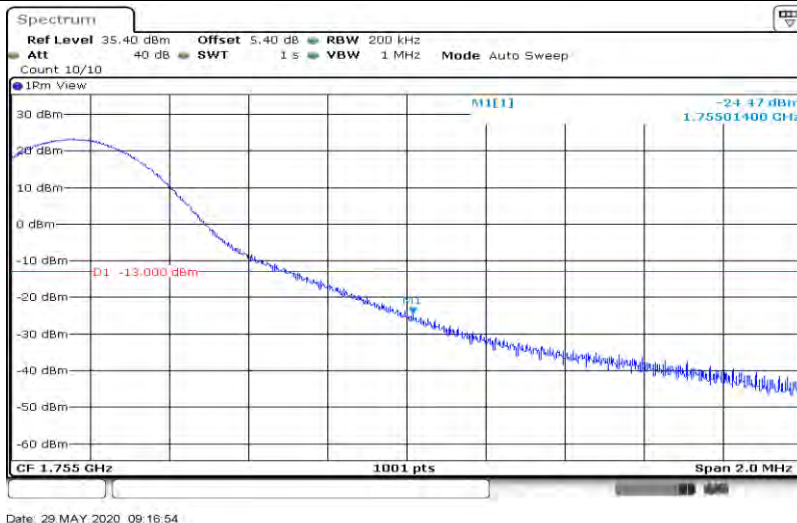
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Date: 31.MAY 2020 12:32:13

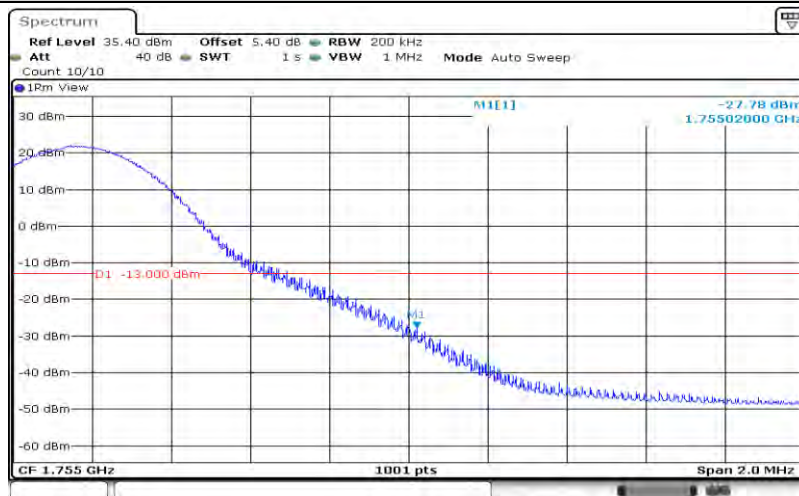


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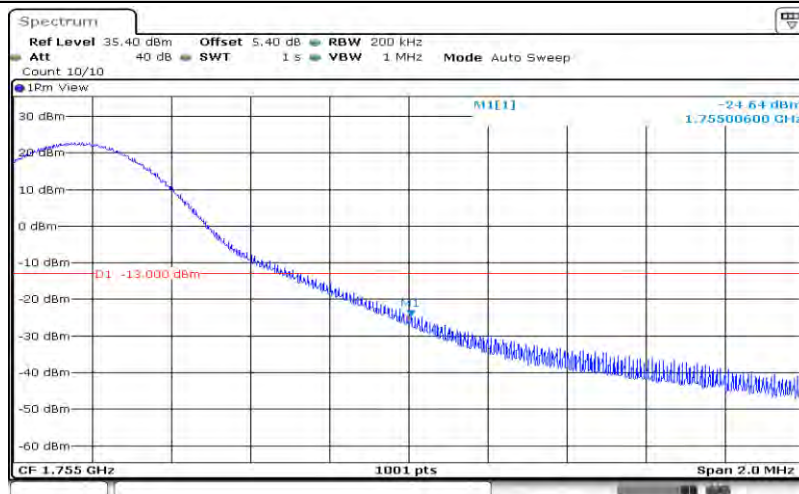


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Band4-20MHz-QPSK-20300-100RB#0





Band4-20MHz-64QAM-20050-1RB#0



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



Date: 31.MAY 2020 12:34:40



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



Date: 31.MAY.2020 12:35:05

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



Date: 31.MAY.2020 12:35:25



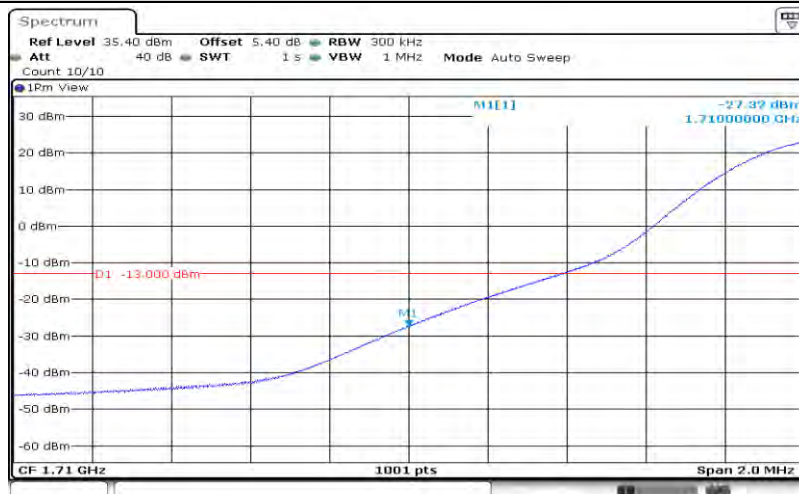
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Band4-20MHz-16QAM-20050-1RB#0



Date: 29 MAY 2020 09:18:42

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



Date: 29 MAY 2020 09:19:23

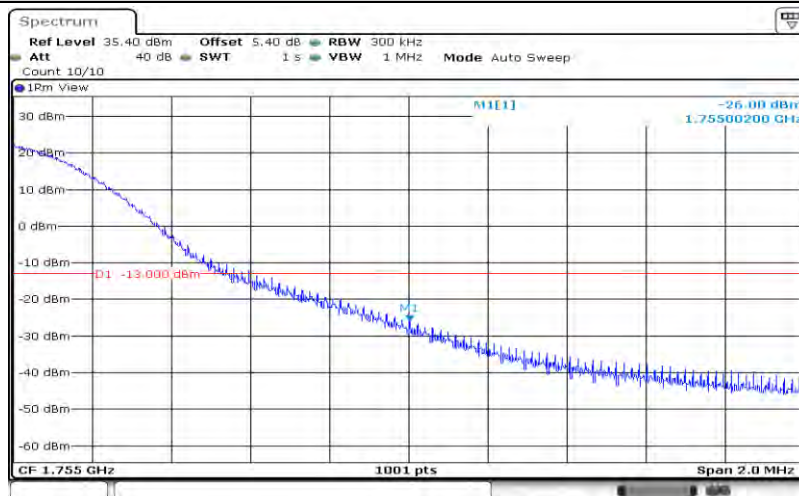


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Band4-20MHz-16QAM-20300-1RB#99



Date: 29 MAY 2020 09:20:08

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



Date: 29 MAY 2020 09:20:50



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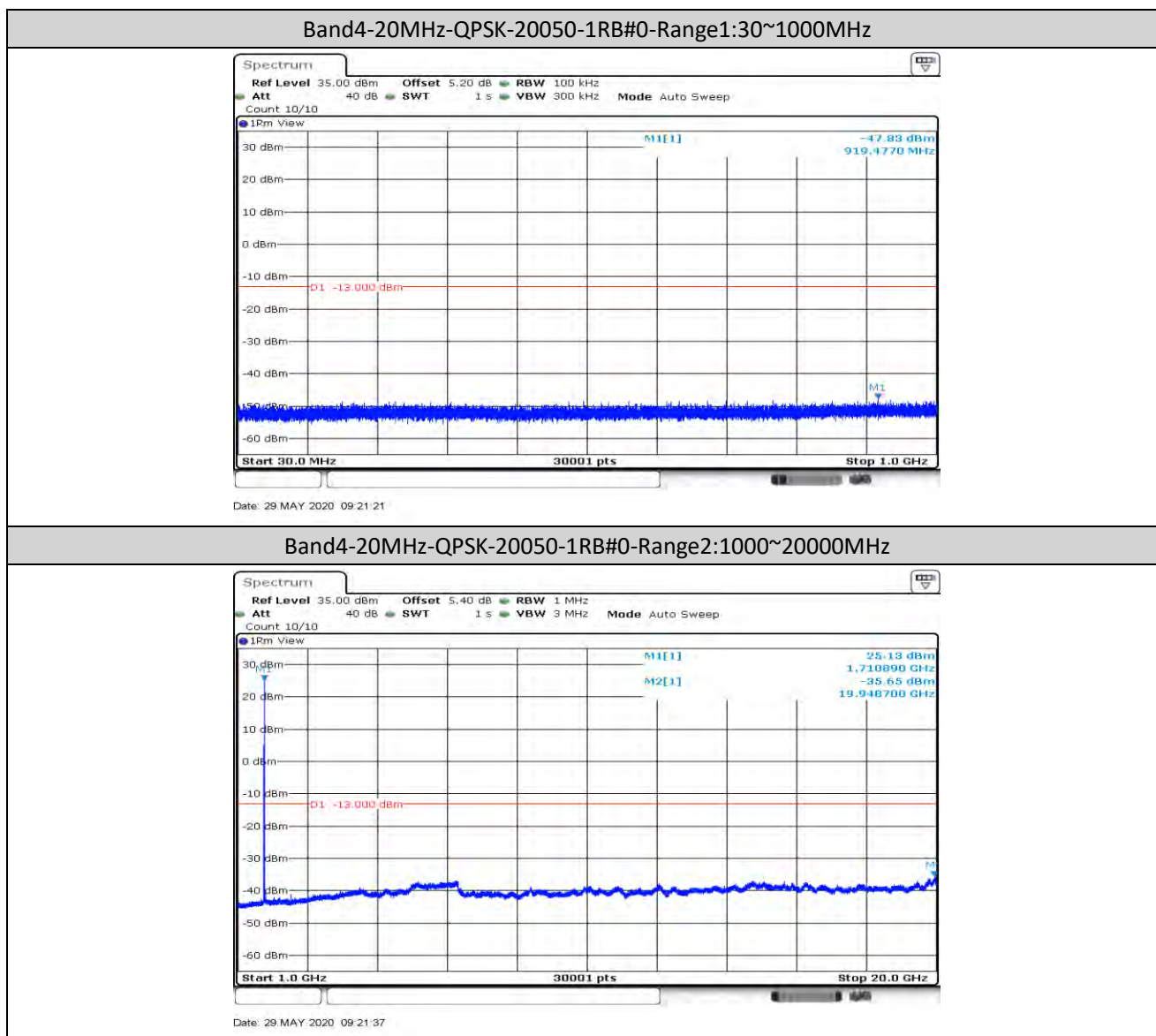


6. Spurious Emission at Antenna Terminal

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 = $k * (\text{Span} / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

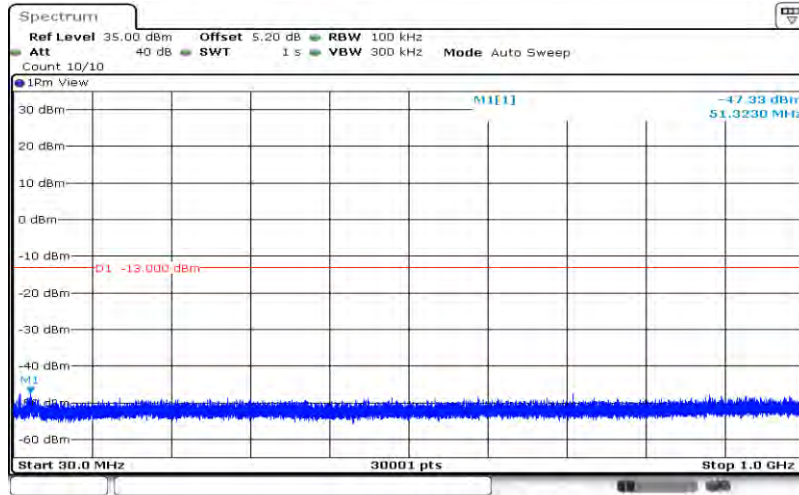
Remark2: only the worst case data displayed in this report.

6.1. Test Plots



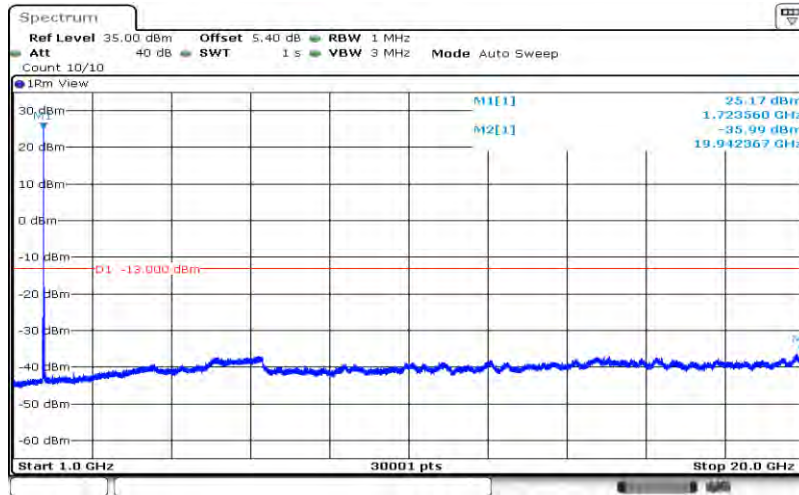
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Band4-20MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



Date: 29 MAY 2020 09:22:31

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



Date: 29 MAY 2020 09:22:48

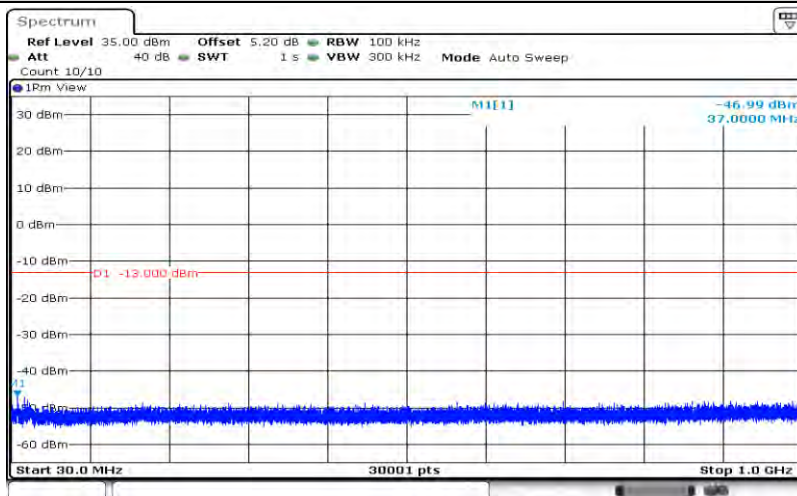


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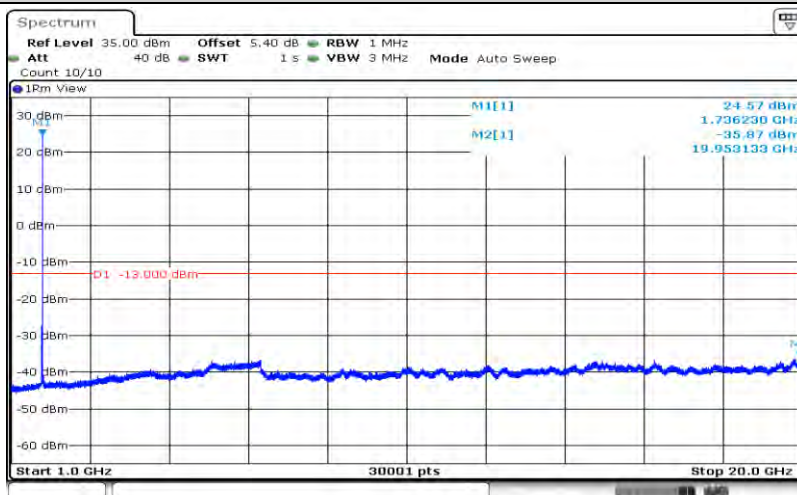


Band4-20MHz-QPSK-20300-1RB#0-Range1:30~1000MHz



Date: 29 MAY 2020 09:23:42

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



Date: 29 MAY 2020 09:23:58



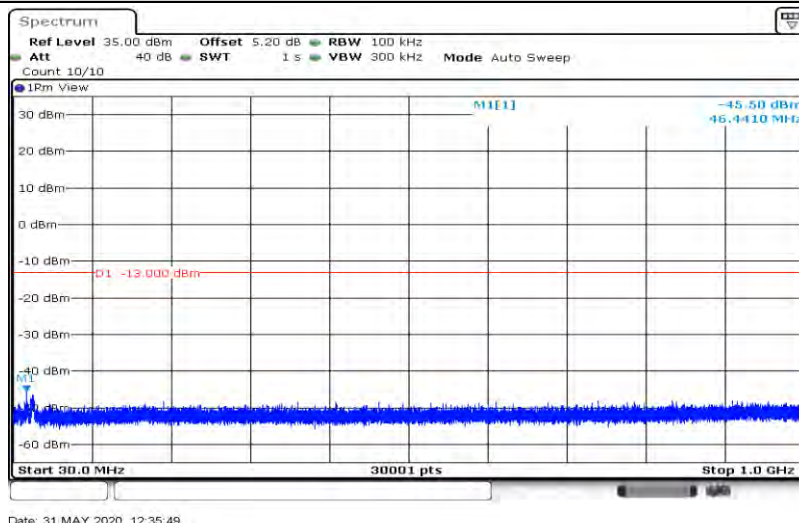
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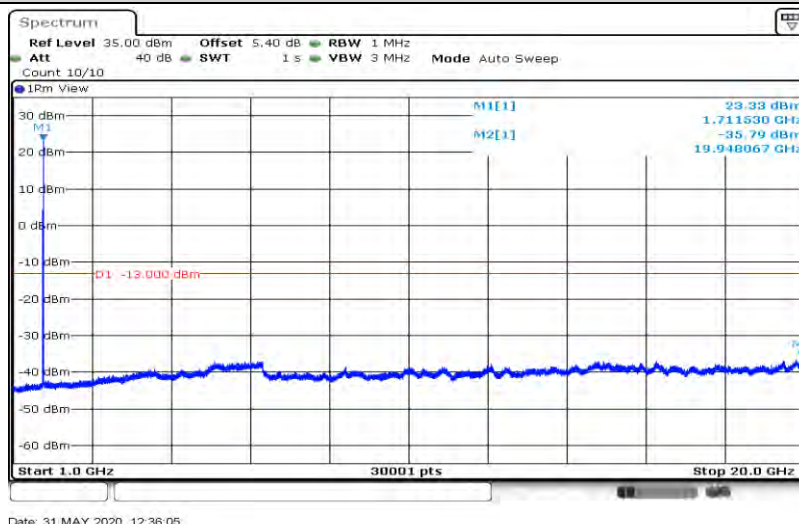
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Band4-20MHz-64QAM-20050-1RB#0-Range1:30~1000MHz



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



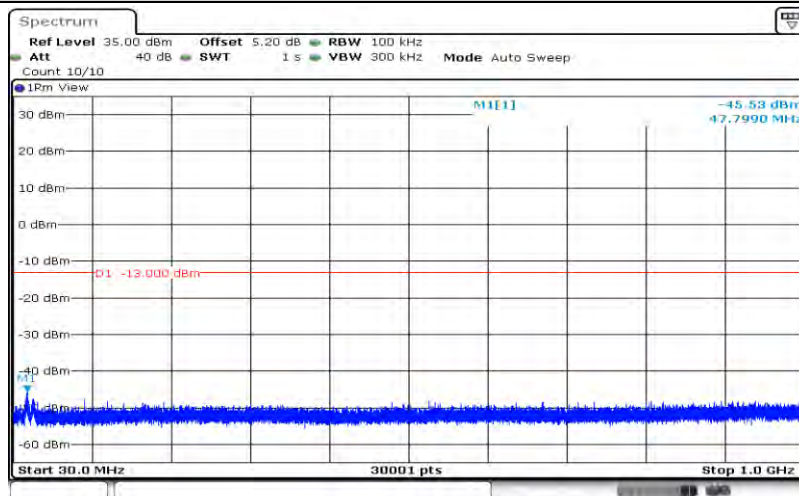
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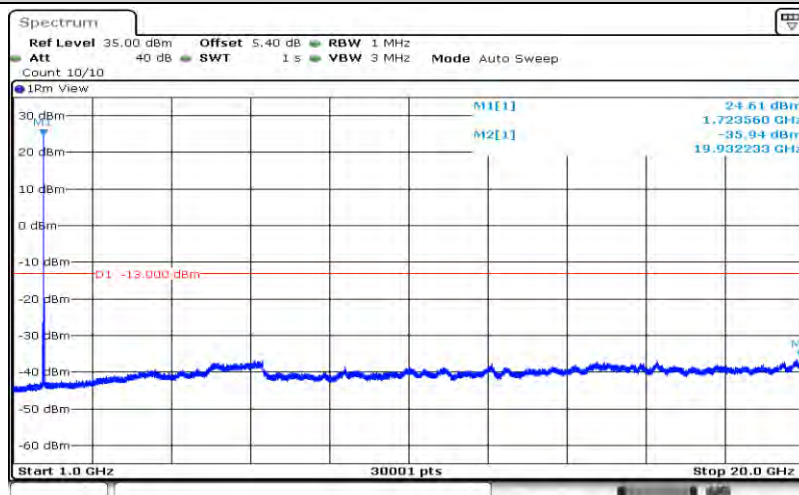


Band4-20MHz-64QAM-20175-1RB#0-Range1:30~1000MHz



Date: 31.MAY.2020 12:36:24

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



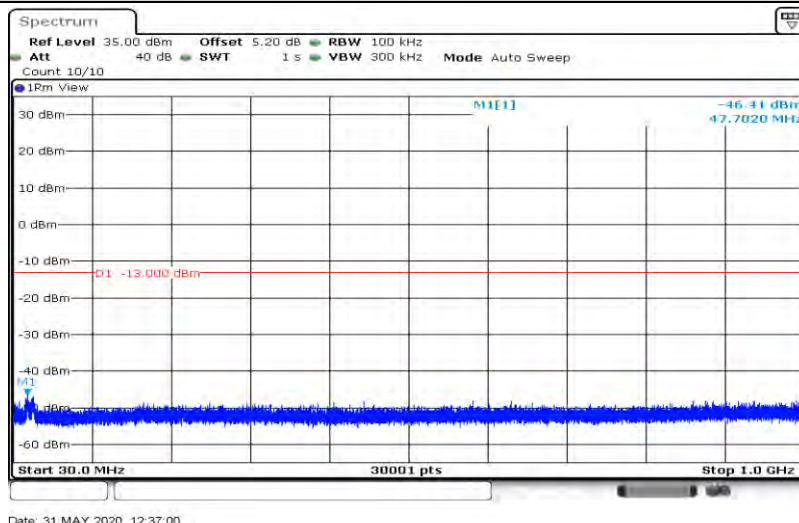
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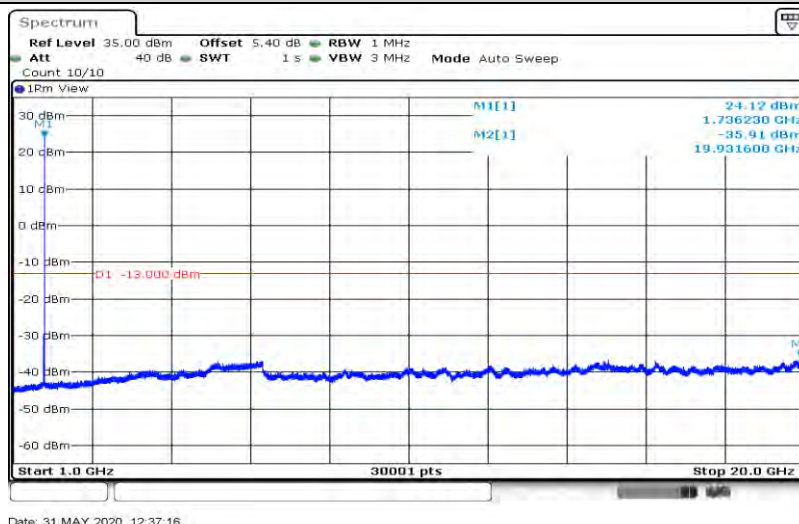
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Band4-20MHz-64QAM-20300-1RB#0-Range2:1000~20000MHz



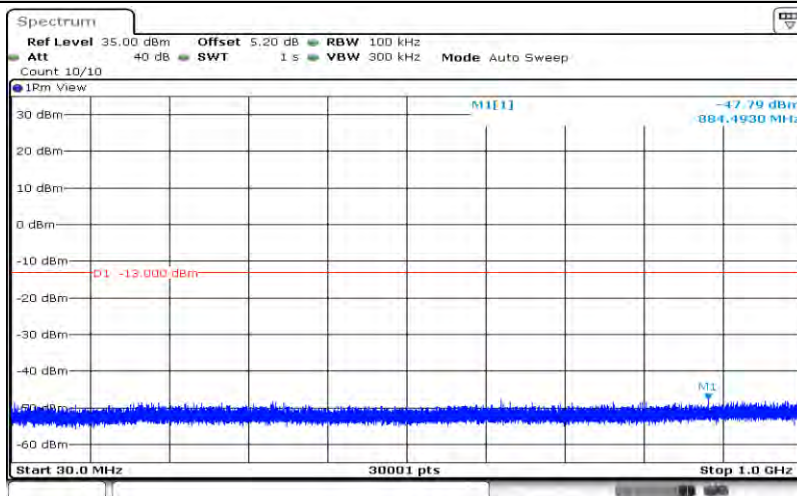
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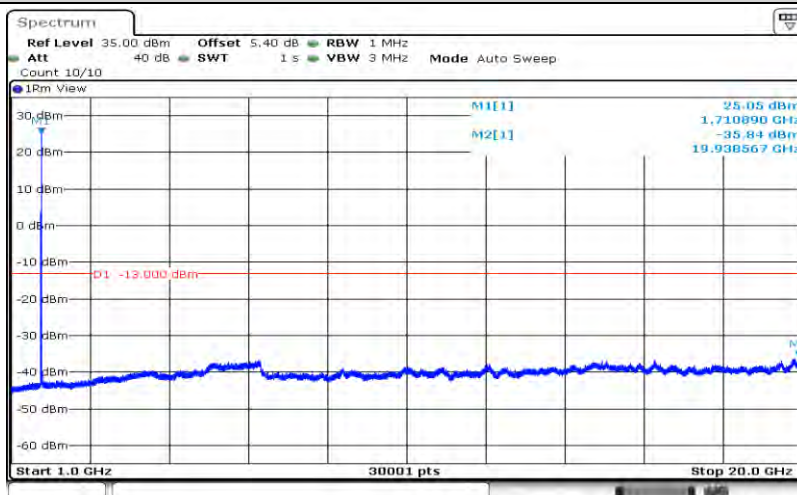


Band4-20MHz-16QAM-20050-1RB#0-Range1:30~1000MHz



Date: 29 MAY 2020 09:21:56

Band4-20MHz-16QAM-20050-1RB#0-Range2:1000~20000MHz



Date: 29 MAY 2020 09:22:12



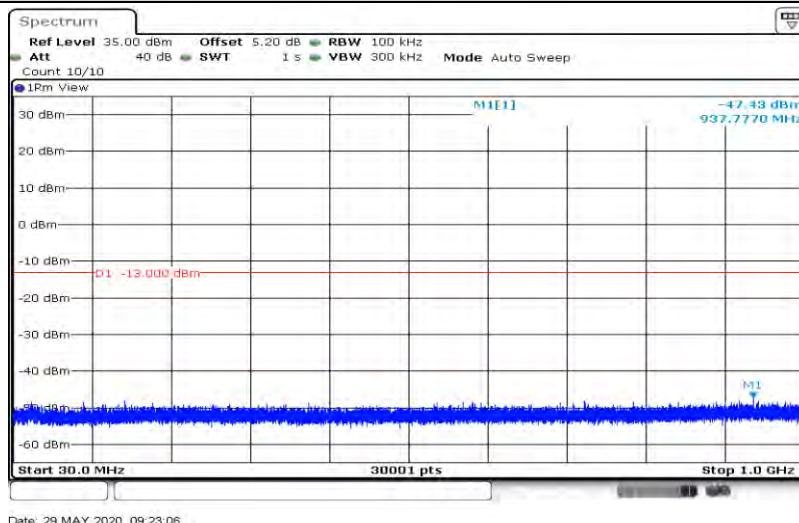
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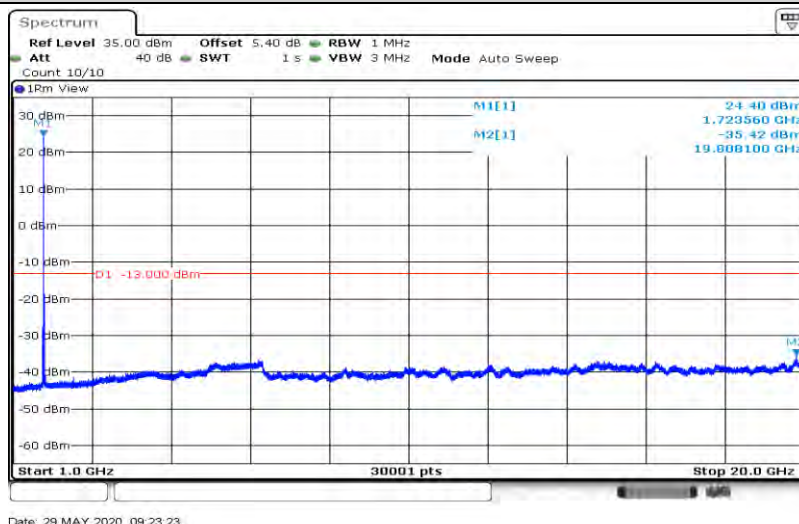
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Band4-20MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



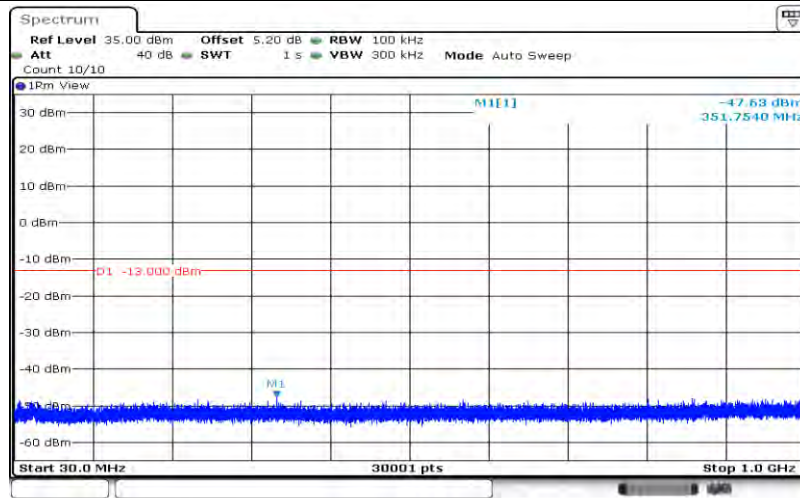
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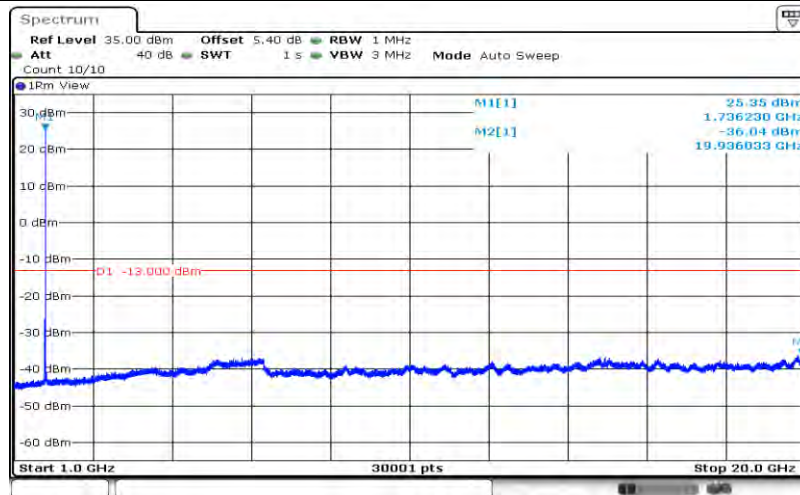
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Band4-20MHz-16QAM-20300-1RB#0-Range2:1000~20000MHz



Date: 29 MAY 2020 09:24:33



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7. Field Strength of Spurious Radiation

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

7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
67.600000	-71.74	-13.00	58.74	237	225	Vertical
299.200000	-77.07	-13.00	64.07	220	50	Vertical
938.216667	-75.09	-13.00	62.09	257	5	Vertical
3421.850000	-66.94	-13.00	53.94	251	134	Vertical
5133.300000	-51.48	-13.00	38.48	265	217	Vertical
6916.575000	-63.87	-13.00	50.87	175	119	Vertical
63.650000	-73.92	-13.00	60.92	277	91	Horizontal
191.450000	-64.28	-13.00	51.28	280	153	Horizontal
963.562500	-74.20	-13.00	61.20	197	345	Horizontal
3421.850000	-65.52	-13.00	52.52	203	304	Horizontal
5132.975000	-48.70	-13.00	35.70	231	147	Horizontal
7031.950000	-63.23	-13.00	50.23	287	229	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
62.450000	-73.99	-13.00	60.99	274	1	Vertical
191.500000	-63.57	-13.00	50.57	271	191	Vertical
955.266667	-74.47	-13.00	61.47	288	133	Vertical
3446.875000	-65.47	-13.00	52.47	254	82	Vertical
5170.350000	-47.96	-13.00	34.96	177	126	Vertical
7032.925000	-63.07	-13.00	50.07	189	299	Vertical
62.450000	-73.99	-13.00	60.99	190	219	Horizontal
191.500000	-63.57	-13.00	50.57	151	116	Horizontal
955.266667	-74.47	-13.00	61.47	270	10	Horizontal
3446.875000	-65.47	-13.00	52.47	252	53	Horizontal
5170.350000	-47.96	-13.00	34.96	222	336	Horizontal
7032.925000	-63.07	-13.00	50.07	217	56	Horizontal



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7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
66.750000	-71.50	-13.00	58.50	165	322	Vertical
191.450000	-75.52	-13.00	62.52	296	110	Vertical
959.620833	-75.26	-13.00	62.26	188	328	Vertical
3471.900000	-66.75	-13.00	53.75	189	149	Vertical
5208.375000	-52.69	-13.00	39.69	153	61	Vertical
7078.100000	-63.15	-13.00	50.15	177	54	Vertical
64.900000	-74.43	-13.00	61.43	185	90	Horizontal
191.450000	-64.18	-13.00	51.18	158	64	Horizontal
951.600000	-74.84	-13.00	61.84	185	80	Horizontal
3471.900000	-64.79	-13.00	51.79	232	143	Horizontal
5208.050000	-49.49	-13.00	36.49	154	195	Horizontal
6827.850000	-64.36	-13.00	51.36	272	266	Horizontal

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

7.2.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
66.250000	-69.74	-13.00	56.74	234	191	Vertical
191.450000	-78.94	-13.00	65.94	260	245	Vertical
924.695833	-75.79	-13.00	62.79	255	281	Vertical
3566.475000	-67.62	-13.00	54.62	209	329	Vertical
5133.625000	-57.66	-13.00	44.66	187	113	Vertical
6909.750000	-63.53	-13.00	50.53	200	173	Vertical
62.100000	-73.46	-13.00	60.46	299	314	Horizontal
191.600000	-68.67	-13.00	55.67	166	64	Horizontal
959.208333	-74.88	-13.00	61.88	265	247	Horizontal
3482.300000	-67.65	-13.00	54.65	241	42	Horizontal
5133.300000	-59.13	-13.00	46.13	278	68	Horizontal
7034.875000	-63.30	-13.00	50.30	245	117	Horizontal



7.2.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
66.000000	-70.78	-13.00	57.78	216	77	Vertical
191.600000	-79.65	-13.00	66.65	229	191	Vertical
949.766667	-75.08	-13.00	62.08	201	16	Vertical
3528.775000	-67.60	-13.00	54.60	163	323	Vertical
5171.000000	-60.35	-13.00	47.35	214	272	Vertical
7063.150000	-62.86	-13.00	49.86	185	295	Vertical
63.250000	-73.17	-13.00	60.17	215	36	Horizontal
191.600000	-68.11	-13.00	55.11	246	241	Horizontal
954.258333	-74.80	-13.00	61.80	276	166	Horizontal
3547.300000	-66.95	-13.00	53.95	171	16	Horizontal
5171.000000	-61.63	-13.00	48.63	279	168	Horizontal
7070.300000	-62.97	-13.00	49.97	269	282	Horizontal

7.2.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
67.100000	-70.60	-13.00	57.60	280	117	Vertical
191.600000	-79.28	-13.00	66.28	245	177	Vertical
957.100000	-75.13	-13.00	62.13	165	186	Vertical
3452.725000	-67.32	-13.00	54.32	210	137	Vertical
5208.375000	-58.07	-13.00	45.07	256	236	Vertical
7034.875000	-63.29	-13.00	50.29	198	67	Vertical
64.000000	-73.00	-13.00	60.00	195	62	Horizontal
191.550000	-68.73	-13.00	55.73	197	37	Horizontal
954.075000	-75.31	-13.00	62.31	289	11	Horizontal
3459.550000	-67.63	-13.00	54.63	184	171	Horizontal
5208.050000	-58.72	-13.00	45.72	162	273	Horizontal
7287.725000	-63.17	-13.00	50.17	218	351	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.



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- 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

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	VL	NT	-9.90	-0.005756	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	-2.30	-0.001337	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	-7.30	-0.004244	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	6.30	0.003636	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	4.70	0.002713	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	4.00	0.002309	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	-7.20	-0.004126	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	-9.00	-0.005158	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	-9.80	-0.005616	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VL	NT	-4.50	-0.002616	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VN	NT	-1.00	-0.000581	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VH	NT	5.20	0.003023	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VL	NT	-3.70	-0.002136	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VN	NT	-5.60	-0.003232	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VH	NT	-3.30	-0.001905	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VL	NT	2.20	0.001261	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VN	NT	-3.90	-0.002235	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VH	NT	5.00	0.002865	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VL	NT	-9.70	-0.005640	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VN	NT	6.10	0.003547	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VH	NT	-4.20	-0.002442	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	7.20	0.004156	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	4.10	0.002367	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	-4.50	-0.002597	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VL	NT	1.10	0.000630	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VN	NT	6.50	0.003725	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VH	NT	-3.10	-0.001777	±2.5	PASS

8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
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Band4	20MHz	QPSK	20050	100RB#0	NV	-30	-0.10	-0.000058	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	-6.90	-0.004012	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	6.00	0.003488	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	-0.80	-0.000465	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	-2.90	-0.001686	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	30	-5.00	-0.002907	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	40	-7.00	-0.004070	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	-8.40	-0.004884	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	1.20	0.000693	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	-1.70	-0.000981	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	-3.70	-0.002136	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	-5.90	-0.003405	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	-7.40	-0.004271	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	-8.80	-0.005079	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	-10.40	-0.006003	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	7.20	0.004156	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	5.50	0.003152	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	2.80	0.001605	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	-0.30	-0.000172	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	-1.40	-0.000802	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	-2.30	-0.001318	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	30	-2.10	-0.001203	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	40	-1.80	-0.001032	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	0.70	0.000401	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-30	1.90	0.001105	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-20	-0.20	-0.000116	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	0	-1.00	-0.000581	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	10	-1.80	-0.001047	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	20	-2.40	-0.001395	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	30	-3.20	-0.001860	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	40	-5.00	-0.002907	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	50	-8.20	-0.004767	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-30	-1.50	-0.000866	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-20	0.10	0.000058	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	0	1.30	0.000750	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	10	-0.10	-0.000058	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	20	-2.80	-0.001616	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	30	-5.10	-0.002944	±2.5	PASS



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Band4	20MHz	64QAM	20175	100RB#0	NV	40	-7.30	-0.004214	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	50	-10.60	-0.006118	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-30	-10.10	-0.005788	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-20	-5.70	-0.003266	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	0	-2.80	-0.001605	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	10	-2.10	-0.001203	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	20	-3.00	-0.001719	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	30	-4.80	-0.002751	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	40	-6.20	-0.003553	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	50	-11.30	-0.006476	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-30	2.40	0.001395	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-20	8.20	0.004767	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	0	-5.80	-0.003372	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	10	-0.60	-0.000349	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	20	2.40	0.001395	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	30	4.60	0.002674	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	40	7.10	0.004128	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	50	-9.80	-0.005698	±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	7.60	0.004387	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	7.00	0.004040	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	5.80	0.003348	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	-7.40	-0.004271	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	30	-2.40	-0.001385	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	40	3.20	0.001847	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	50	-10.10	-0.005830	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-30	-7.10	-0.004069	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-20	3.20	0.001834	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	0	-7.20	-0.004126	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	10	0.00	0.000000	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	20	5.20	0.002980	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	30	-7.00	-0.004011	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	40	-3.10	-0.001777	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	50	0.60	0.000344	±2.5	PASS

