

Appendix B

E-UTRA Band 2



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	23.26	23.63	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	23.27	23.64	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	23.43	23.80	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	22.60	22.97	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	22.47	22.84	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	23.38	23.75	33.00	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.38	22.75	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	23.18	23.55	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	23.26	23.63	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	23.16	23.53	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	23.32	23.69	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	23.26	23.63	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	23.26	23.63	33.00	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.29	22.66	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	23.26	23.63	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	23.12	23.49	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	23.14	23.51	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	23.22	23.59	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	23.28	23.65	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	23.23	23.60	33.00	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	22.24	22.61	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	21.37	21.74	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#2	21.46	21.83	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#5	21.38	21.75	33.00	PASS
Band2	1.4MHz	64QAM	18607	3RB#1	21.48	21.85	33.00	PASS
Band2	1.4MHz	64QAM	18607	3RB#3	21.41	21.78	33.00	PASS
Band2	1.4MHz	64QAM	18607	3RB#0	21.41	21.78	33.00	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	20.31	20.68	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#0	21.29	21.66	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#2	21.44	21.81	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#5	21.25	21.62	33.00	PASS
Band2	1.4MHz	64QAM	18900	3RB#3	21.37	21.74	33.00	PASS
Band2	1.4MHz	64QAM	18900	3RB#0	21.35	21.72	33.00	PASS
Band2	1.4MHz	64QAM	18900	3RB#1	21.40	21.77	33.00	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	20.22	20.59	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	21.30	21.67	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#2	21.43	21.80	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	21.32	21.69	33.00	PASS





Band2	1.4MHz	64QAM	19193	3RB#0	21.40	21.77	33.00	PASS
Band2	1.4MHz	64QAM	19193	3RB#3	21.34	21.71	33.00	PASS
Band2	1.4MHz	64QAM	19193	3RB#1	21.41	21.78	33.00	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	20.27	20.64	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	22.48	22.85	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.63	23.00	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.46	22.83	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	22.31	22.68	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	22.23	22.60	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	22.40	22.77	33.00	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.44	21.81	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	22.33	22.70	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.61	22.98	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.32	22.69	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	22.36	22.73	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	22.43	22.80	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	22.31	22.68	33.00	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	21.35	21.72	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	22.26	22.63	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	22.53	22.90	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	22.44	22.81	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	22.29	22.66	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	22.30	22.67	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	22.26	22.63	33.00	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	21.26	21.63	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#14	23.34	23.71	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.33	23.70	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.31	23.68	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#0	22.37	22.74	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#4	22.40	22.77	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#7	22.38	22.75	33.00	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.38	22.75	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#8	23.22	23.59	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.22	23.59	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#14	23.21	23.58	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#0	22.29	22.66	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#4	22.30	22.67	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#7	22.27	22.64	33.00	PASS
Band2	3MHz	QPSK	18900	15RB#0	22.28	22.65	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#14	23.16	23.53	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#8	23.21	23.58	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#0	23.17	23.54	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#7	22.22	22.59	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#0	22.20	22.57	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#4	22.26	22.63	33.00	PASS
Band2	3MHz	QPSK	19185	15RB#0	22.22	22.59	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#14	21.45	21.82	33.00	PASS



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Band2	3MHz	64QAM	18615	1RB#0	21.49	21.86	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#8	21.40	21.77	33.00	PASS
Band2	3MHz	64QAM	18615	8RB#4	20.33	20.70	33.00	PASS
Band2	3MHz	64QAM	18615	8RB#0	20.29	20.66	33.00	PASS
Band2	3MHz	64QAM	18615	8RB#7	20.31	20.68	33.00	PASS
Band2	3MHz	64QAM	18615	15RB#0	20.32	20.69	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#14	21.38	21.75	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#8	21.44	21.81	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#0	21.36	21.73	33.00	PASS
Band2	3MHz	64QAM	18900	8RB#4	20.30	20.67	33.00	PASS
Band2	3MHz	64QAM	18900	8RB#0	20.26	20.63	33.00	PASS
Band2	3MHz	64QAM	18900	8RB#7	20.24	20.61	33.00	PASS
Band2	3MHz	64QAM	18900	15RB#0	20.27	20.64	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#14	21.33	21.70	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#0	21.32	21.69	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#8	21.40	21.77	33.00	PASS
Band2	3MHz	64QAM	19185	8RB#0	20.24	20.61	33.00	PASS
Band2	3MHz	64QAM	19185	8RB#4	20.31	20.68	33.00	PASS
Band2	3MHz	64QAM	19185	8RB#7	20.25	20.62	33.00	PASS
Band2	3MHz	64QAM	19185	15RB#0	20.24	20.61	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.54	22.91	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.65	23.02	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.52	22.89	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#4	21.41	21.78	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#7	21.43	21.80	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#0	21.41	21.78	33.00	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.35	21.72	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#0	22.42	22.79	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#8	22.42	22.79	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.46	22.83	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#0	21.29	21.66	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#7	21.32	21.69	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#4	21.33	21.70	33.00	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.25	21.62	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#0	22.31	22.68	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#14	22.34	22.71	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#8	22.38	22.75	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#7	21.23	21.60	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#4	21.27	21.64	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#0	21.22	21.59	33.00	PASS
Band2	3MHz	16QAM	19185	15RB#0	21.15	21.52	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#0	23.22	23.59	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#12	23.53	23.90	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.21	23.58	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#6	22.45	22.82	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#0	22.37	22.74	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#13	22.40	22.77	33.00	PASS



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Band2	5MHz	QPSK	18625	25RB#0	22.39	22.76	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#12	23.40	23.77	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#24	23.10	23.47	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#0	23.11	23.48	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#13	22.21	22.58	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#6	22.29	22.66	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#0	22.28	22.65	33.00	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.25	22.62	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#12	23.34	23.71	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#24	23.05	23.42	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#0	23.04	23.41	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#6	22.26	22.63	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#0	22.20	22.57	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#13	22.26	22.63	33.00	PASS
Band2	5MHz	QPSK	19175	25RB#0	22.21	22.58	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#24	21.32	21.69	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#0	21.31	21.68	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#12	21.59	21.96	33.00	PASS
Band2	5MHz	64QAM	18625	12RB#13	20.26	20.63	33.00	PASS
Band2	5MHz	64QAM	18625	12RB#6	20.36	20.73	33.00	PASS
Band2	5MHz	64QAM	18625	12RB#0	20.27	20.64	33.00	PASS
Band2	5MHz	64QAM	18625	25RB#0	20.30	20.67	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#0	21.23	21.60	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#12	21.46	21.83	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#24	21.24	21.61	33.00	PASS
Band2	5MHz	64QAM	18900	12RB#6	20.30	20.67	33.00	PASS
Band2	5MHz	64QAM	18900	12RB#13	20.20	20.57	33.00	PASS
Band2	5MHz	64QAM	18900	12RB#0	20.25	20.62	33.00	PASS
Band2	5MHz	64QAM	18900	25RB#0	20.25	20.62	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#0	21.16	21.53	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#12	21.58	21.95	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#24	21.30	21.67	33.00	PASS
Band2	5MHz	64QAM	19175	12RB#6	20.26	20.63	33.00	PASS
Band2	5MHz	64QAM	19175	12RB#13	20.23	20.60	33.00	PASS
Band2	5MHz	64QAM	19175	12RB#0	20.20	20.57	33.00	PASS
Band2	5MHz	64QAM	19175	25RB#0	20.23	20.60	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.52	22.89	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.83	23.20	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#0	22.39	22.76	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#0	21.34	21.71	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#6	21.45	21.82	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#13	21.37	21.74	33.00	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.39	21.76	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#0	22.29	22.66	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#12	22.60	22.97	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#24	22.29	22.66	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#0	21.25	21.62	33.00	PASS



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Band2	5MHz	16QAM	18900	12RB#6	21.33	21.70	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#13	21.20	21.57	33.00	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.23	21.60	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#24	22.39	22.76	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#12	22.46	22.83	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#0	22.34	22.71	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#0	21.17	21.54	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#6	21.22	21.59	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#13	21.26	21.63	33.00	PASS
Band2	5MHz	16QAM	19175	25RB#0	21.18	21.55	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#49	23.26	23.63	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.41	23.78	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.30	23.67	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#25	22.37	22.74	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#12	22.37	22.74	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#0	22.40	22.77	33.00	PASS
Band2	10MHz	QPSK	18650	50RB#0	22.40	22.77	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#24	23.31	23.68	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#49	23.16	23.53	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#0	23.20	23.57	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#12	22.31	22.68	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#0	22.34	22.71	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#25	22.20	22.57	33.00	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.27	22.64	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#24	23.28	23.65	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#0	23.12	23.49	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#49	23.14	23.51	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#12	22.22	22.59	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#0	22.26	22.63	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#25	22.28	22.65	33.00	PASS
Band2	10MHz	QPSK	19150	50RB#0	22.28	22.65	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#0	21.46	21.83	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#49	21.39	21.76	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#24	21.57	21.94	33.00	PASS
Band2	10MHz	64QAM	18650	25RB#12	20.30	20.67	33.00	PASS
Band2	10MHz	64QAM	18650	25RB#25	20.29	20.66	33.00	PASS
Band2	10MHz	64QAM	18650	25RB#0	20.30	20.67	33.00	PASS
Band2	10MHz	64QAM	18650	50RB#0	20.28	20.65	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#0	21.35	21.72	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#24	21.45	21.82	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#49	21.30	21.67	33.00	PASS
Band2	10MHz	64QAM	18900	25RB#12	20.30	20.67	33.00	PASS
Band2	10MHz	64QAM	18900	25RB#0	20.31	20.68	33.00	PASS
Band2	10MHz	64QAM	18900	25RB#25	20.23	20.60	33.00	PASS
Band2	10MHz	64QAM	18900	50RB#0	20.26	20.63	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#24	21.45	21.82	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#0	21.29	21.66	33.00	PASS



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Band2	10MHz	64QAM	19150	1RB#49	21.34	21.71	33.00	PASS
Band2	10MHz	64QAM	19150	25RB#25	20.26	20.63	33.00	PASS
Band2	10MHz	64QAM	19150	25RB#0	20.29	20.66	33.00	PASS
Band2	10MHz	64QAM	19150	25RB#12	20.28	20.65	33.00	PASS
Band2	10MHz	64QAM	19150	50RB#0	20.26	20.63	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#0	22.49	22.86	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#24	22.62	22.99	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#49	22.44	22.81	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#0	21.39	21.76	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#12	21.35	21.72	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#25	21.35	21.72	33.00	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.39	21.76	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#0	22.37	22.74	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.63	23.00	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.33	22.70	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#0	21.33	21.70	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#12	21.25	21.62	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#25	21.20	21.57	33.00	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.24	21.61	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#0	22.40	22.77	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#24	22.52	22.89	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#49	22.27	22.64	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#12	21.18	21.55	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#25	21.25	21.62	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#0	21.27	21.64	33.00	PASS
Band2	10MHz	16QAM	19150	50RB#0	21.24	21.61	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.26	23.63	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#38	23.30	23.67	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#74	23.20	23.57	33.00	PASS
Band2	15MHz	QPSK	18675	36RB#39	22.35	22.72	33.00	PASS
Band2	15MHz	QPSK	18675	36RB#0	22.38	22.75	33.00	PASS
Band2	15MHz	QPSK	18675	36RB#18	22.35	22.72	33.00	PASS
Band2	15MHz	QPSK	18675	75RB#0	22.33	22.70	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#38	23.22	23.59	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#74	23.08	23.45	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#0	23.16	23.53	33.00	PASS
Band2	15MHz	QPSK	18900	36RB#0	22.32	22.69	33.00	PASS
Band2	15MHz	QPSK	18900	36RB#18	22.30	22.67	33.00	PASS
Band2	15MHz	QPSK	18900	36RB#39	22.21	22.58	33.00	PASS
Band2	15MHz	QPSK	18900	75RB#0	22.26	22.63	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#0	23.09	23.46	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#74	23.08	23.45	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#38	23.15	23.52	33.00	PASS
Band2	15MHz	QPSK	19125	36RB#18	22.25	22.62	33.00	PASS
Band2	15MHz	QPSK	19125	36RB#39	22.26	22.63	33.00	PASS
Band2	15MHz	QPSK	19125	36RB#0	22.24	22.61	33.00	PASS
Band2	15MHz	QPSK	19125	75RB#0	22.25	22.62	33.00	PASS



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Band2	15MHz	64QAM	18675	1RB#0	21.35	21.72	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#38	21.38	21.75	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#74	21.28	21.65	33.00	PASS
Band2	15MHz	64QAM	18675	36RB#0	20.26	20.63	33.00	PASS
Band2	15MHz	64QAM	18675	36RB#18	20.27	20.64	33.00	PASS
Band2	15MHz	64QAM	18675	36RB#39	20.25	20.62	33.00	PASS
Band2	15MHz	64QAM	18675	75RB#0	20.26	20.63	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#74	21.28	21.65	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#0	21.24	21.61	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#38	21.36	21.73	33.00	PASS
Band2	15MHz	64QAM	18900	36RB#39	20.18	20.55	33.00	PASS
Band2	15MHz	64QAM	18900	36RB#0	20.26	20.63	33.00	PASS
Band2	15MHz	64QAM	18900	36RB#18	20.27	20.64	33.00	PASS
Band2	15MHz	64QAM	18900	75RB#0	20.25	20.62	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#74	21.23	21.60	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#0	21.31	21.68	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#38	21.30	21.67	33.00	PASS
Band2	15MHz	64QAM	19125	36RB#39	20.23	20.60	33.00	PASS
Band2	15MHz	64QAM	19125	36RB#18	20.23	20.60	33.00	PASS
Band2	15MHz	64QAM	19125	36RB#0	20.26	20.63	33.00	PASS
Band2	15MHz	64QAM	19125	75RB#0	20.27	20.64	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#0	22.55	22.92	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#38	22.50	22.87	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#74	22.48	22.85	33.00	PASS
Band2	15MHz	16QAM	18675	36RB#0	21.34	21.71	33.00	PASS
Band2	15MHz	16QAM	18675	36RB#18	21.30	21.67	33.00	PASS
Band2	15MHz	16QAM	18675	36RB#39	21.30	21.67	33.00	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.32	21.69	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.26	22.63	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#38	22.45	22.82	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#0	22.48	22.85	33.00	PASS
Band2	15MHz	16QAM	18900	36RB#0	21.28	21.65	33.00	PASS
Band2	15MHz	16QAM	18900	36RB#18	21.25	21.62	33.00	PASS
Band2	15MHz	16QAM	18900	36RB#39	21.14	21.51	33.00	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.24	21.61	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#0	22.26	22.63	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#74	22.25	22.62	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#38	22.42	22.79	33.00	PASS
Band2	15MHz	16QAM	19125	36RB#0	21.19	21.56	33.00	PASS
Band2	15MHz	16QAM	19125	36RB#18	21.19	21.56	33.00	PASS
Band2	15MHz	16QAM	19125	36RB#39	21.19	21.56	33.00	PASS
Band2	15MHz	16QAM	19125	75RB#0	21.21	21.58	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.08	23.45	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#49	23.37	23.74	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#99	22.99	23.36	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#50	22.41	22.78	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#25	22.35	22.72	33.00	PASS



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Band2	20MHz	QPSK	18700	50RB#0	22.33	22.70	33.00	PASS
Band2	20MHz	QPSK	18700	100RB#0	22.37	22.74	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#99	22.88	23.25	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#0	23.00	23.37	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#49	23.32	23.69	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#50	22.17	22.54	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#25	22.29	22.66	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#0	22.38	22.75	33.00	PASS
Band2	20MHz	QPSK	18900	100RB#0	22.30	22.67	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#0	22.93	23.30	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#99	22.90	23.27	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#49	23.26	23.63	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#50	22.17	22.54	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#25	22.23	22.60	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#0	22.29	22.66	33.00	PASS
Band2	20MHz	QPSK	19100	100RB#0	22.24	22.61	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#99	21.07	21.44	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#49	21.43	21.80	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#0	21.18	21.55	33.00	PASS
Band2	20MHz	64QAM	18700	50RB#50	20.35	20.72	33.00	PASS
Band2	20MHz	64QAM	18700	50RB#25	20.31	20.68	33.00	PASS
Band2	20MHz	64QAM	18700	50RB#0	20.27	20.64	33.00	PASS
Band2	20MHz	64QAM	18700	100RB#0	20.32	20.69	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#49	21.49	21.86	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#99	21.05	21.42	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#0	21.12	21.49	33.00	PASS
Band2	20MHz	64QAM	18900	50RB#0	20.33	20.70	33.00	PASS
Band2	20MHz	64QAM	18900	50RB#25	20.25	20.62	33.00	PASS
Band2	20MHz	64QAM	18900	50RB#50	20.20	20.57	33.00	PASS
Band2	20MHz	64QAM	18900	100RB#0	20.28	20.65	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#99	21.04	21.41	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#0	21.04	21.41	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#49	21.48	21.85	33.00	PASS
Band2	20MHz	64QAM	19100	50RB#0	20.34	20.71	33.00	PASS
Band2	20MHz	64QAM	19100	50RB#25	20.24	20.61	33.00	PASS
Band2	20MHz	64QAM	19100	50RB#50	20.22	20.59	33.00	PASS
Band2	20MHz	64QAM	19100	100RB#0	20.30	20.67	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#0	22.31	22.68	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#49	22.63	23.00	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#99	22.26	22.63	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#50	21.38	21.75	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#0	21.29	21.66	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#25	21.33	21.70	33.00	PASS
Band2	20MHz	16QAM	18700	100RB#0	21.38	21.75	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#0	22.28	22.65	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#49	22.53	22.90	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#99	22.18	22.55	33.00	PASS



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Band2	20MHz	16QAM	18900	50RB#50	21.16	21.53	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#0	21.34	21.71	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#25	21.29	21.66	33.00	PASS
Band2	20MHz	16QAM	18900	100RB#0	21.27	21.64	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#0	22.12	22.49	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#99	22.11	22.48	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#49	22.48	22.85	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#50	21.13	21.50	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#25	21.20	21.57	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#0	21.26	21.63	33.00	PASS
Band2	20MHz	16QAM	19100	100RB#0	21.22	21.59	33.00	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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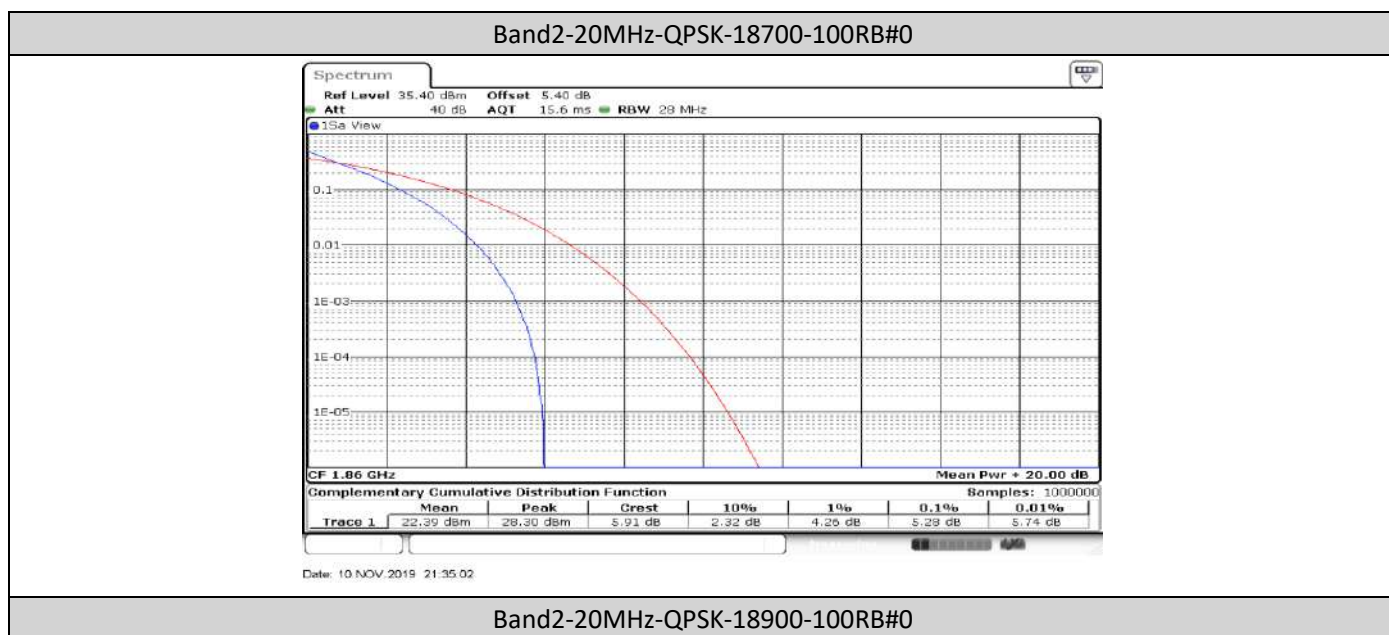


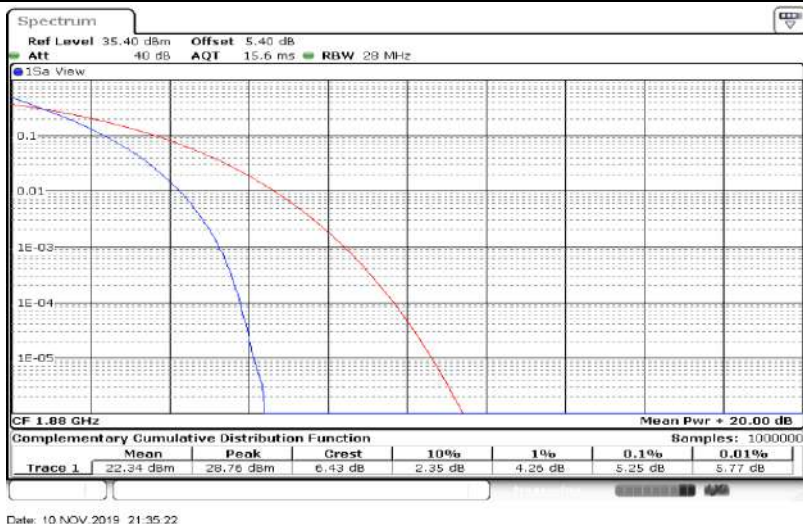
2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

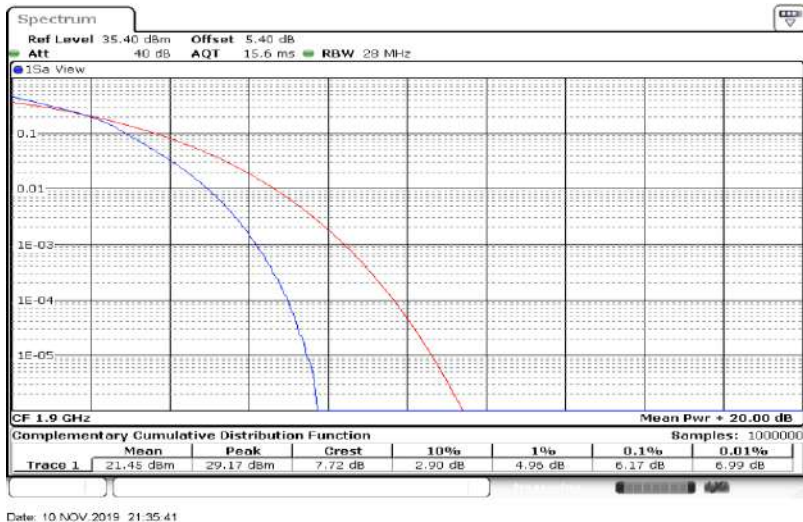
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	5.28	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.25	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	6.17	13	PASS
Band2	20MHz	64QAM	18700	100RB#0	6.49	13	PASS
Band2	20MHz	64QAM	18900	100RB#0	6.43	13	PASS
Band2	20MHz	64QAM	19100	100RB#0	6.43	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.12	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.06	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.17	13	PASS

2.2. Test Plots





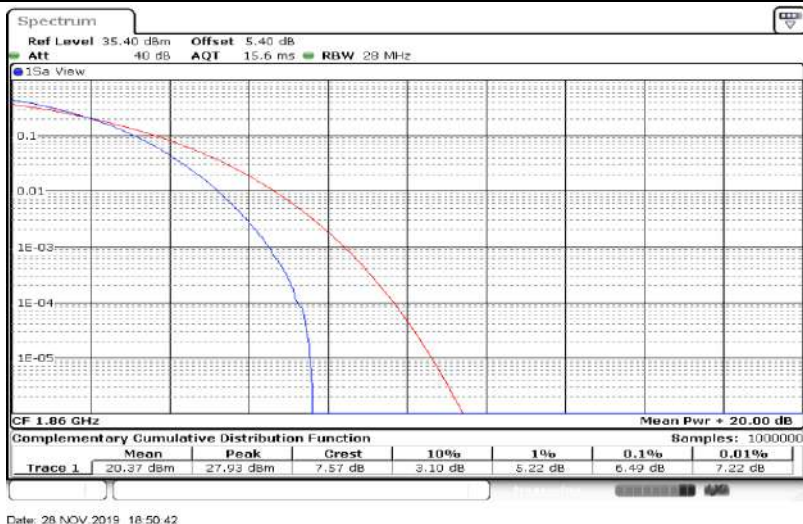
Band2-20MHz-QPSK-19100-100RB#0



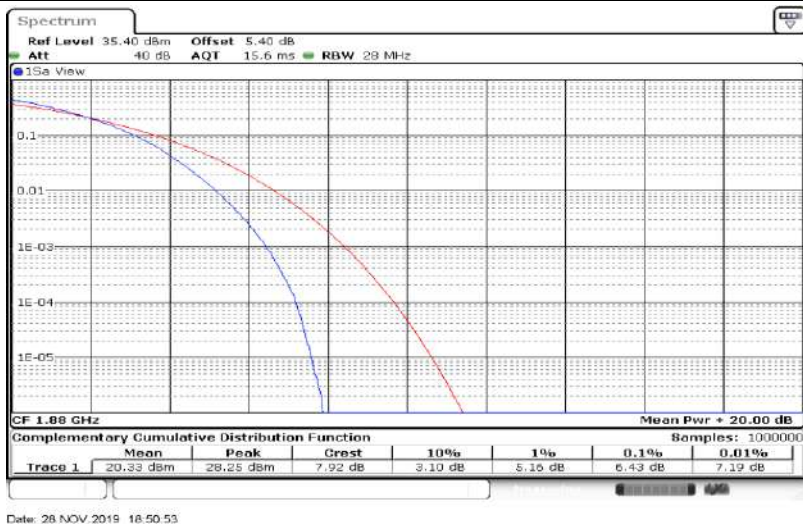
Band2-20MHz-64QAM-18700-100RB#0



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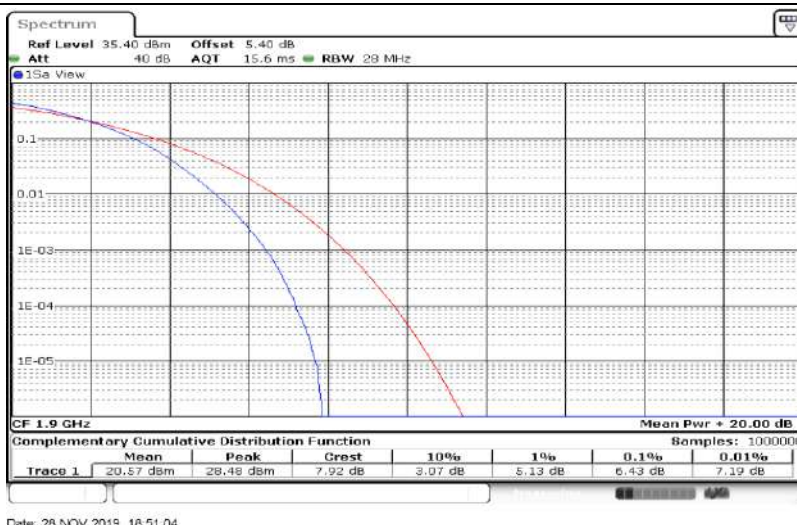
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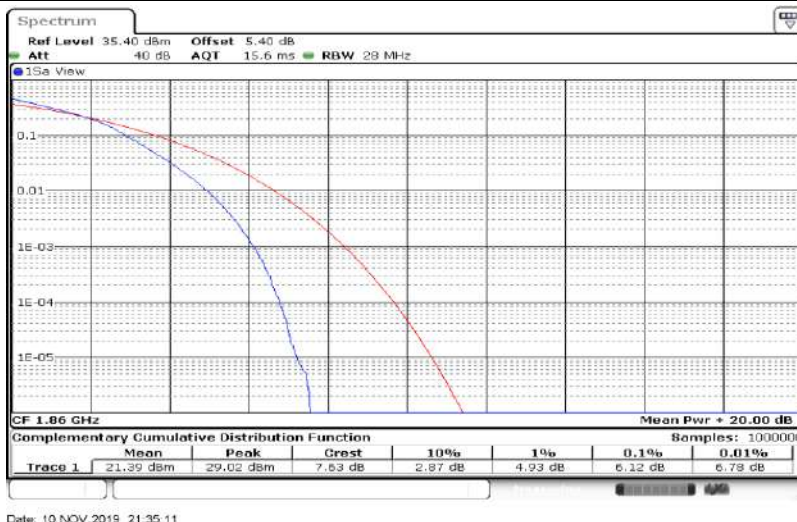
Band2-20MHz-64QAM-19100-100RB#0



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Band2-20MHz-16QAM-18700-100RB#0



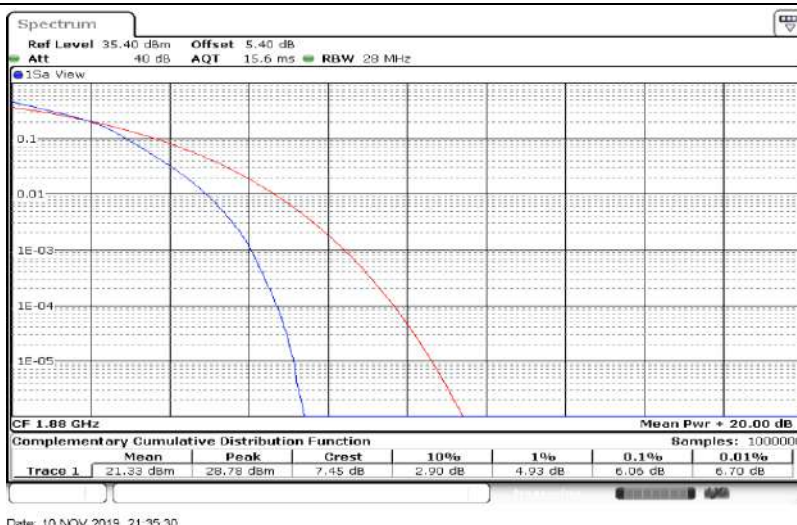
Band2-20MHz-16QAM-18900-100RB#0



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Date: 10 NOV 2019 21:35:30

Band2-20MHz-16QAM-19100-100RB#0



Date: 10 NOV 2019 21:35:50



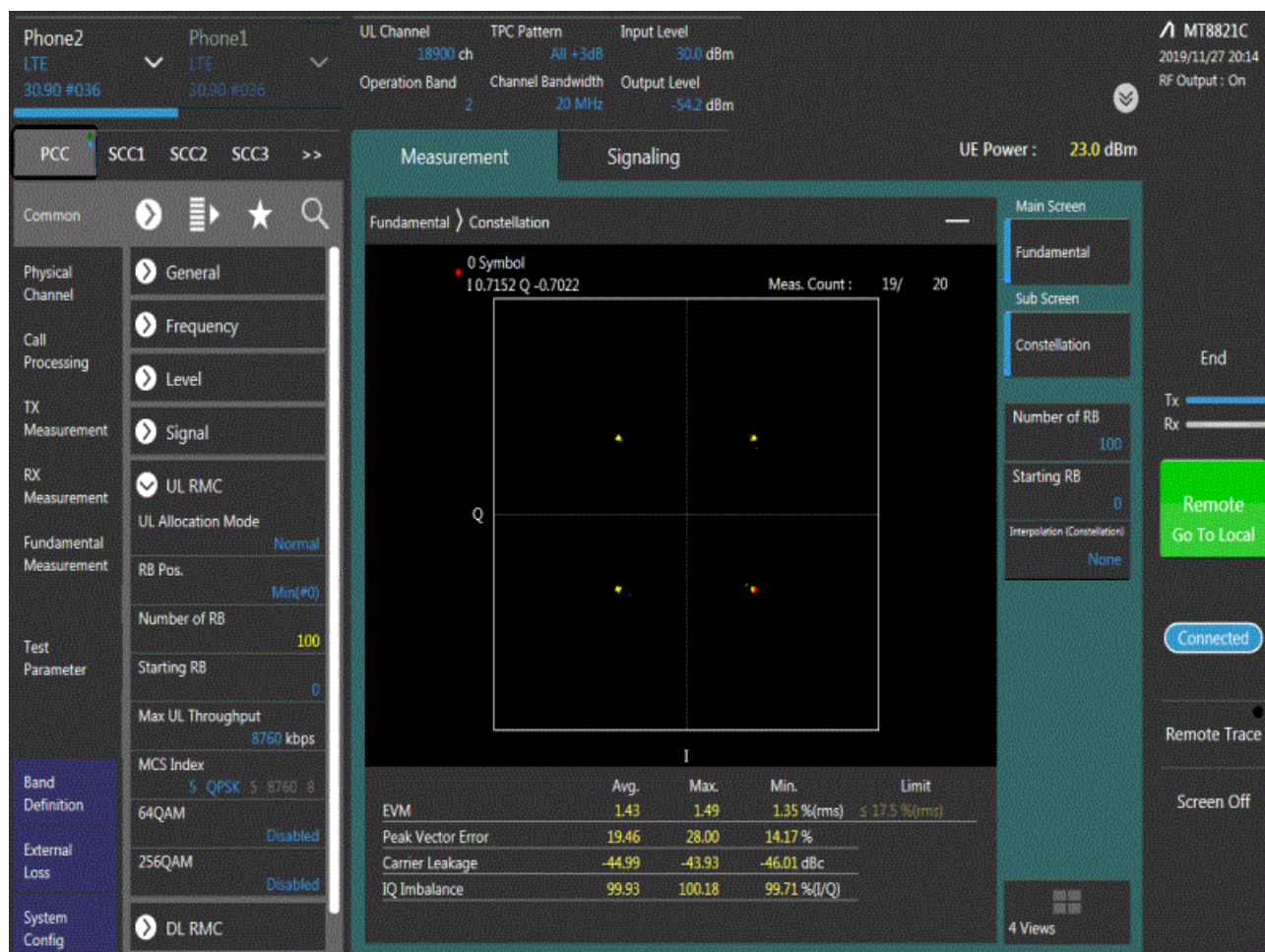
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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

3.1.1. Test Channel = MCH



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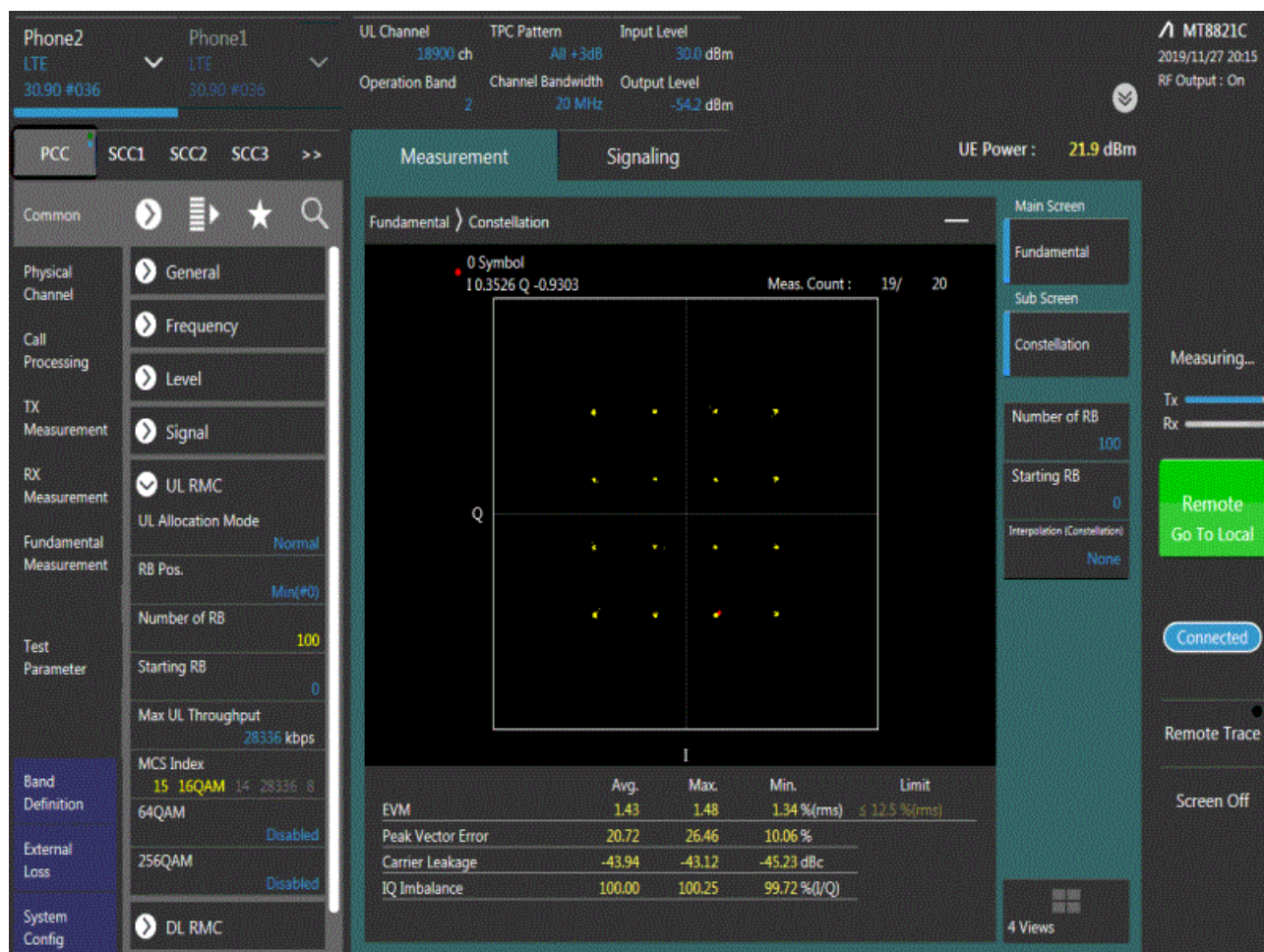
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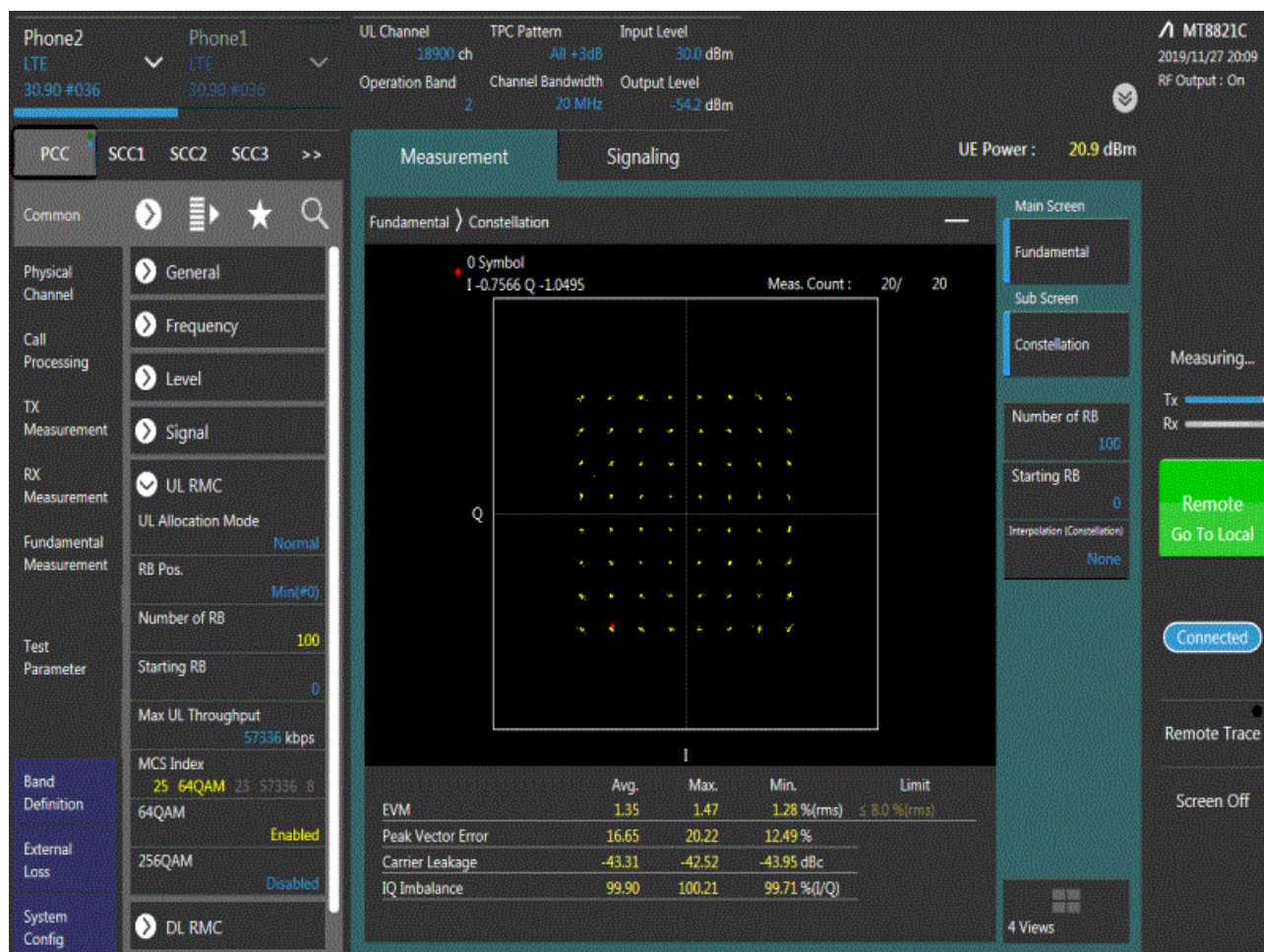
3.2. Test Mode = LTE /TM2 20MHz

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
Band2	1.4MHz	QPSK	18607	6RB#0	1.094	1.302	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.100	1.287	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.097	1.311	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	1.091	1.290	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	1.091	1.281	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	1.091	1.284	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.100	1.317	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.094	1.290	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.088	1.284	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.691	2.898	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.679	2.928	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.685	2.910	PASS
Band2	3MHz	64QAM	18615	15RB#0	2.685	2.916	PASS
Band2	3MHz	64QAM	18900	15RB#0	2.685	2.910	PASS
Band2	3MHz	64QAM	19185	15RB#0	2.679	2.910	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.679	2.928	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.679	2.916	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.685	2.910	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.466	4.980	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.476	4.840	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.476	4.860	PASS
Band2	5MHz	64QAM	18625	25RB#0	4.466	4.810	PASS
Band2	5MHz	64QAM	18900	25RB#0	4.466	4.820	PASS
Band2	5MHz	64QAM	19175	25RB#0	4.466	4.830	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.466	5.000	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.476	4.860	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.466	4.810	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.951	10.340	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.911	9.560	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.951	9.680	PASS



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Band2	10MHz	64QAM	18650	50RB#0	8.931	9.560	PASS
Band2	10MHz	64QAM	18900	50RB#0	8.911	9.580	PASS
Band2	10MHz	64QAM	19150	50RB#0	8.931	9.580	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.951	9.980	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.931	9.580	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.931	9.520	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.457	14.760	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.427	14.610	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.487	14.730	PASS
Band2	15MHz	64QAM	18675	75RB#0	13.397	14.700	PASS
Band2	15MHz	64QAM	18900	75RB#0	13.427	14.640	PASS
Band2	15MHz	64QAM	19125	75RB#0	13.427	14.790	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.487	14.730	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.457	14.700	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.487	14.700	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.902	19.200	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.942	19.440	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.902	19.360	PASS
Band2	20MHz	64QAM	18700	100RB#0	17.862	19.320	PASS
Band2	20MHz	64QAM	18900	100RB#0	17.902	19.280	PASS
Band2	20MHz	64QAM	19100	100RB#0	17.902	19.320	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.902	19.320	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.902	19.320	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.942	19.400	PASS

4.2. Test Plots

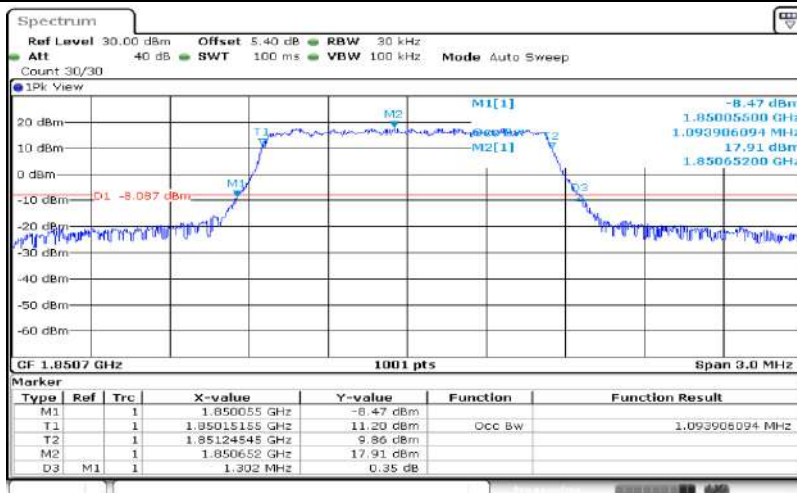
Band2-1.4MHz-QPSK-18607-6RB#0-1.094



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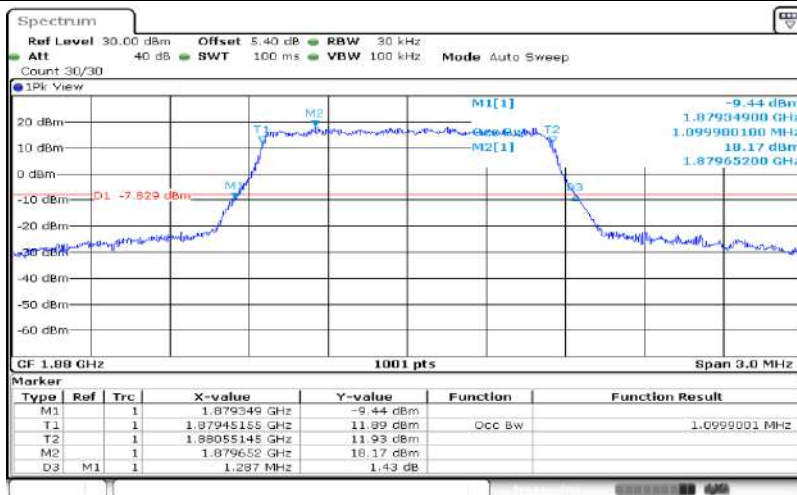
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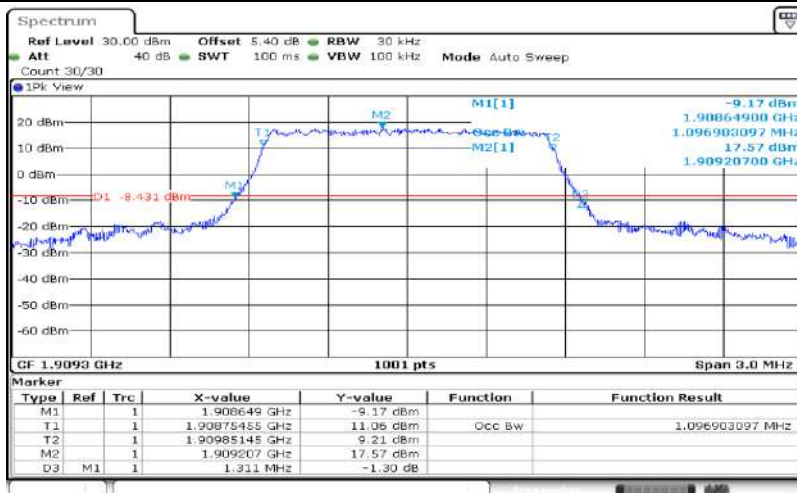
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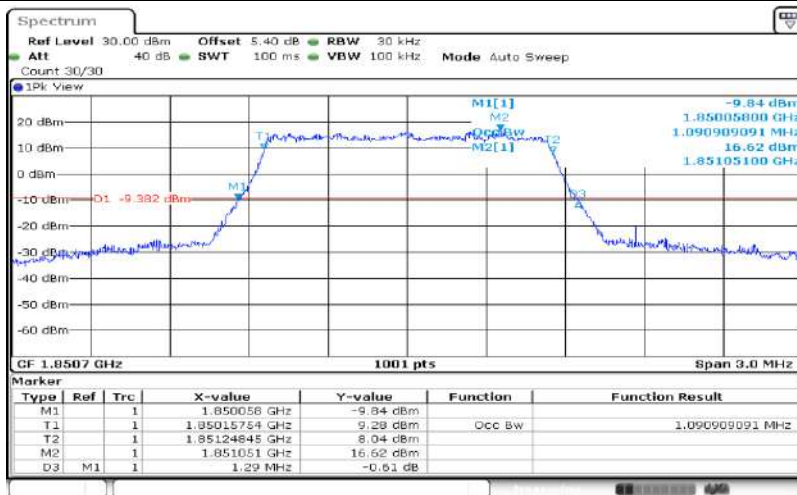
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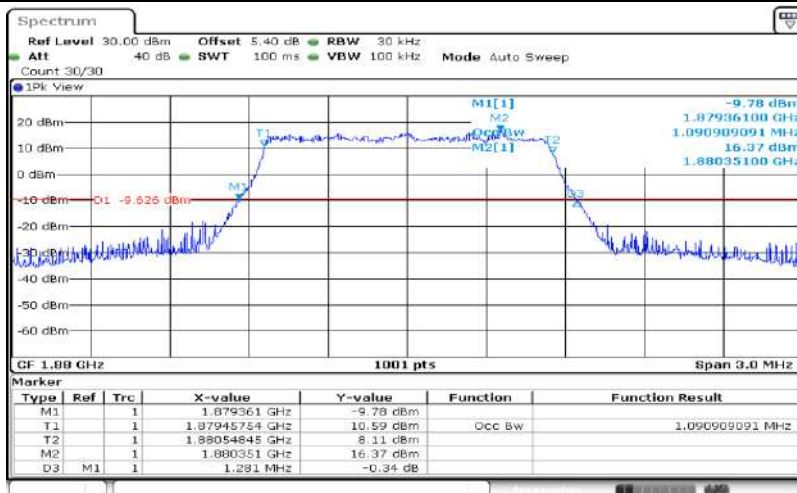
Band2-1.4MHz-64QAM-18607-6RB#0-1.091



Date: 28 NOV 2019 16:31:00

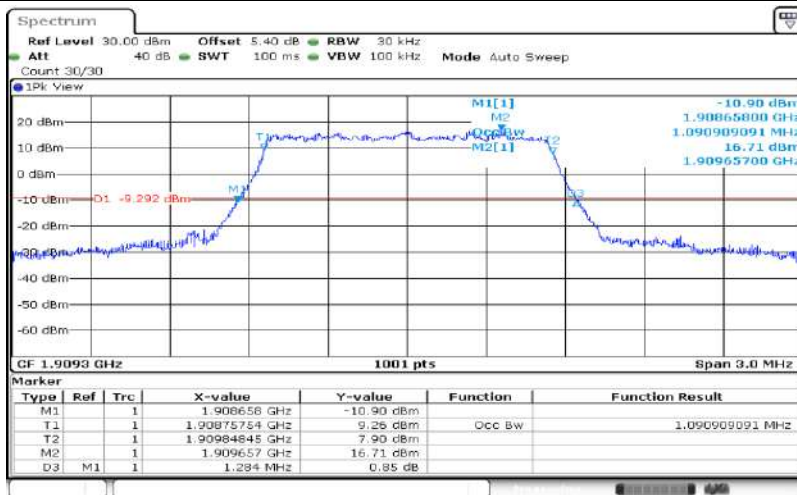
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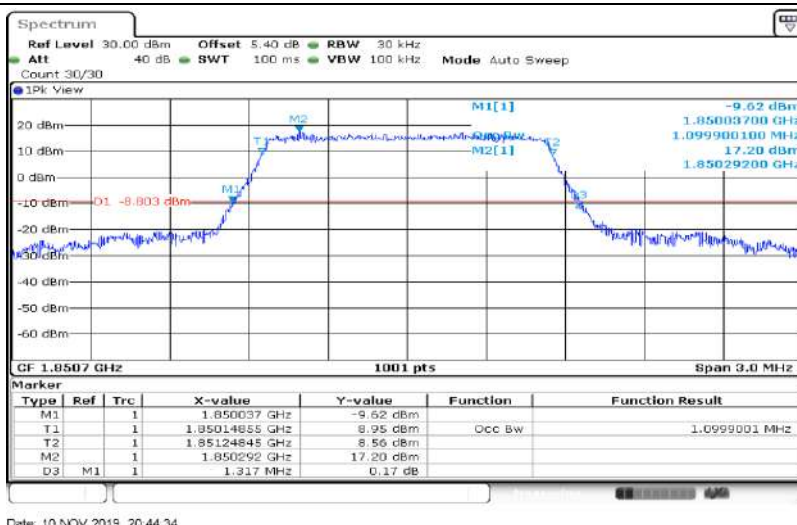
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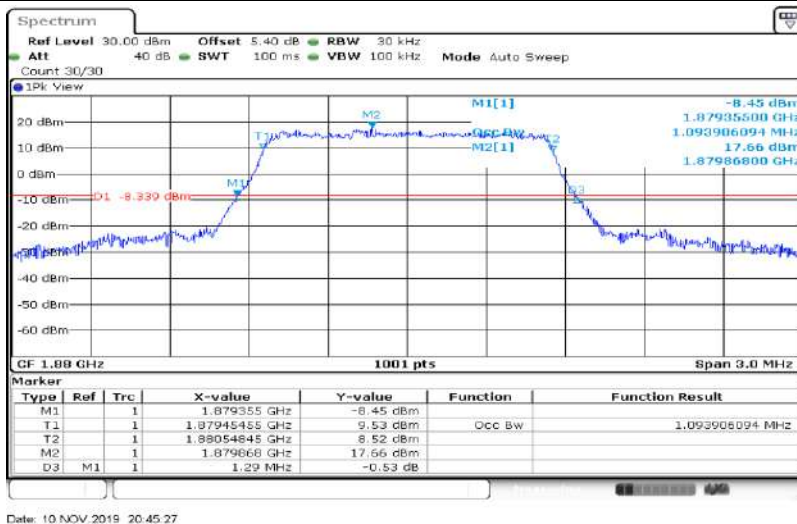
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Band2-1.4MHz-16QAM-18607-6RB#0-1.1



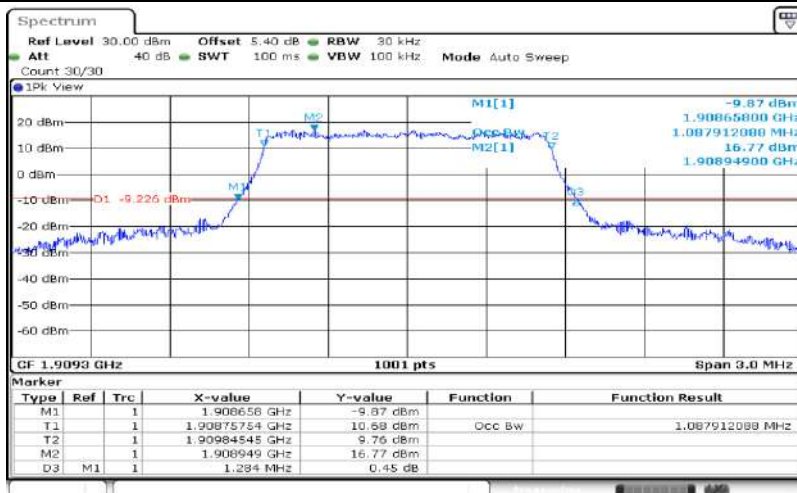


Band2-1.4MHz-16QAM-18900-6RB#0-1.094



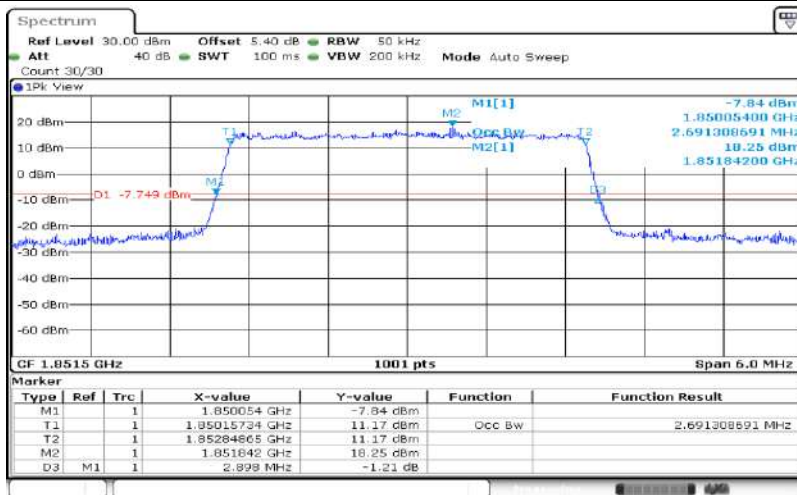
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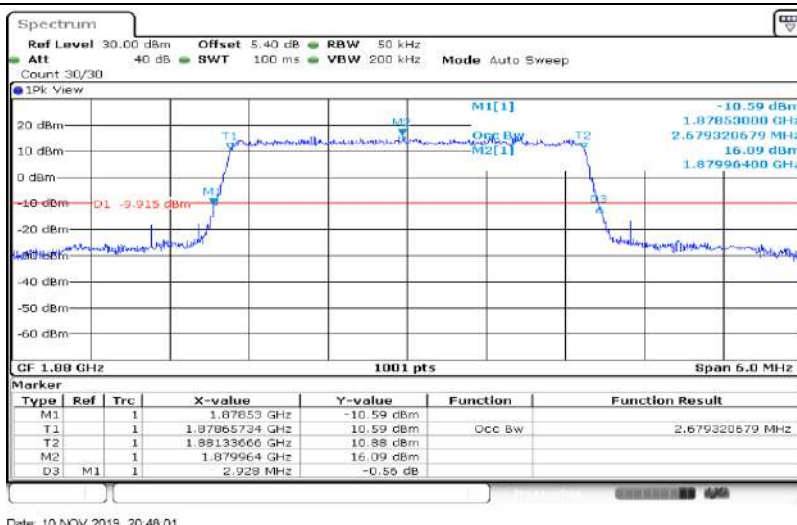
Band2-3MHz-QPSK-18615-15RB#0-2.691



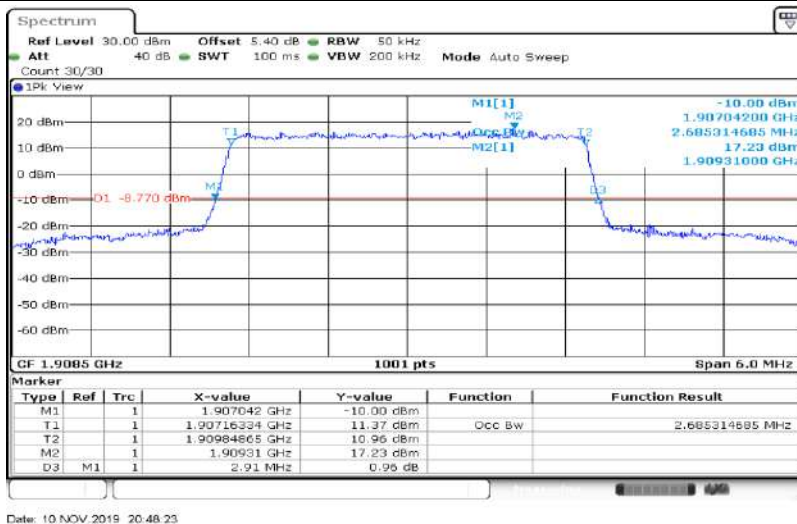
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Band2-3MHz-QPSK-18900-15RB#0-2.679



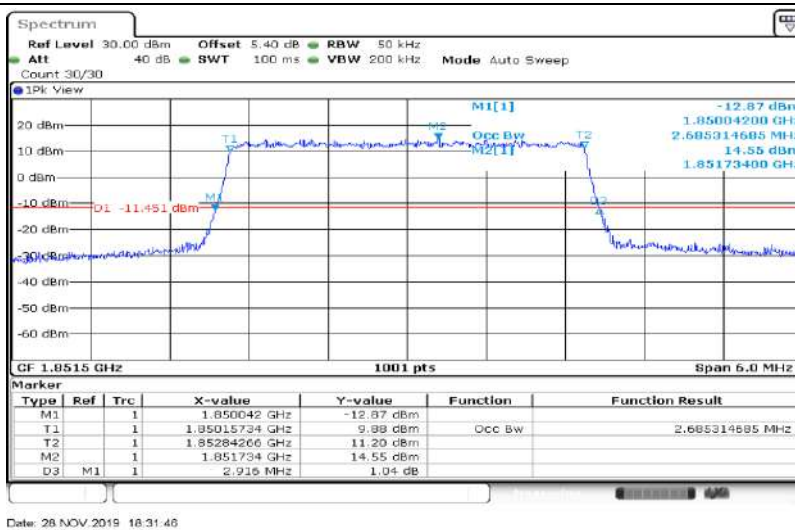


Band2-3MHz-QPSK-19185-15RB#0-2.685

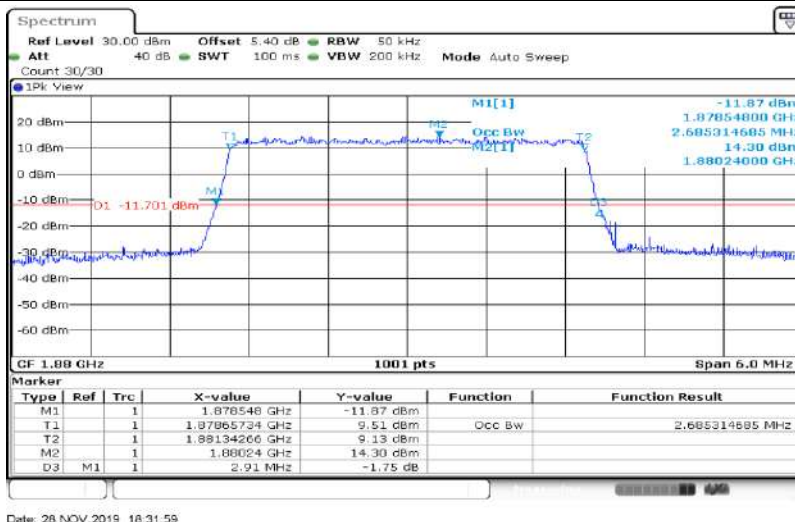


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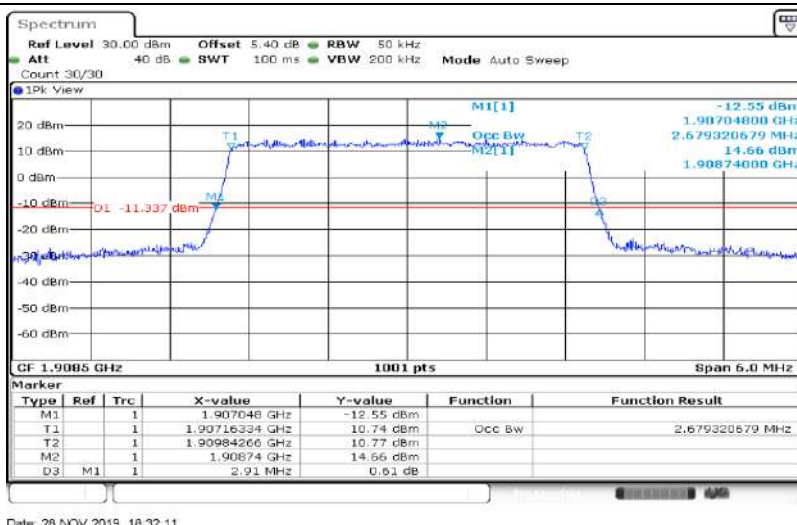


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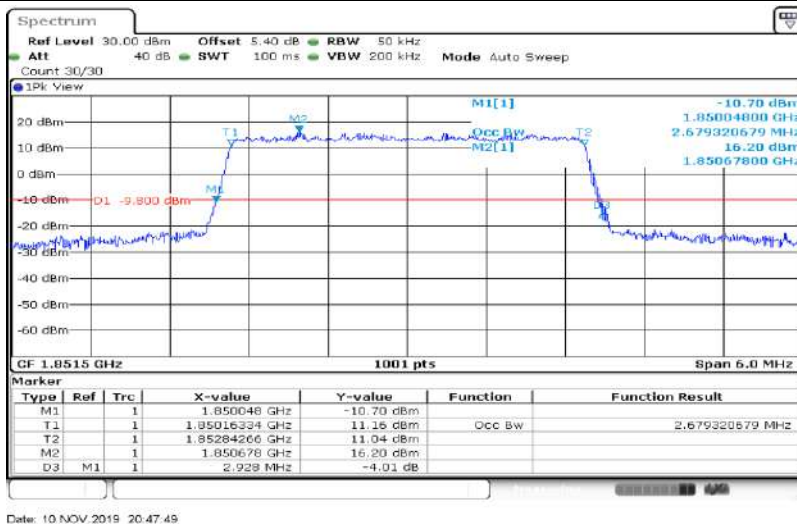


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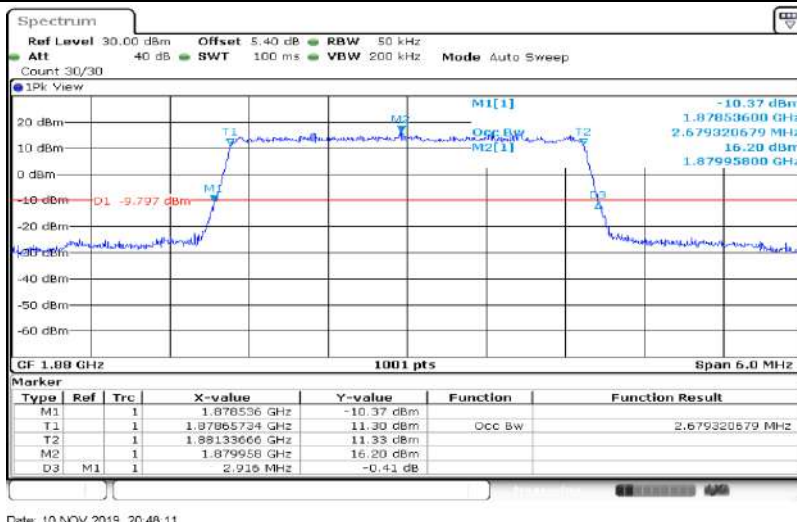


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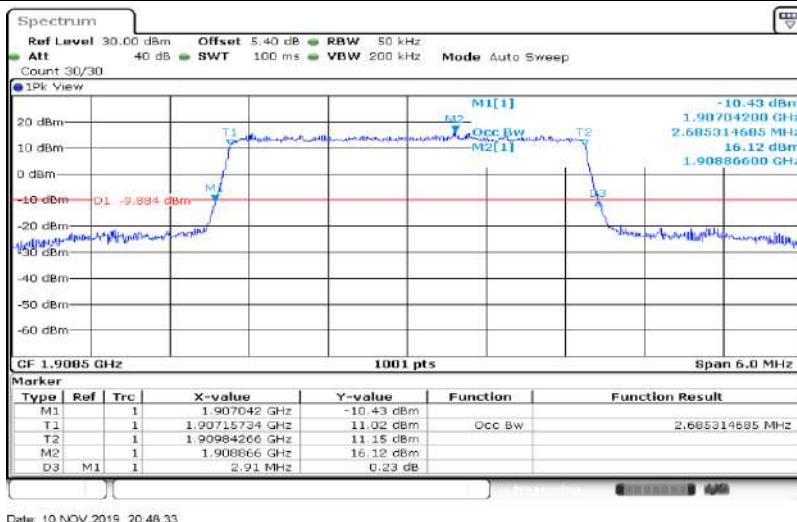


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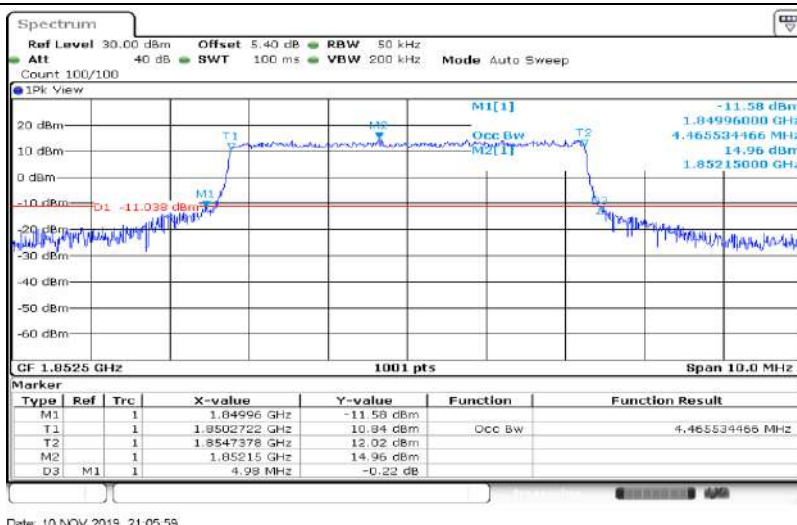


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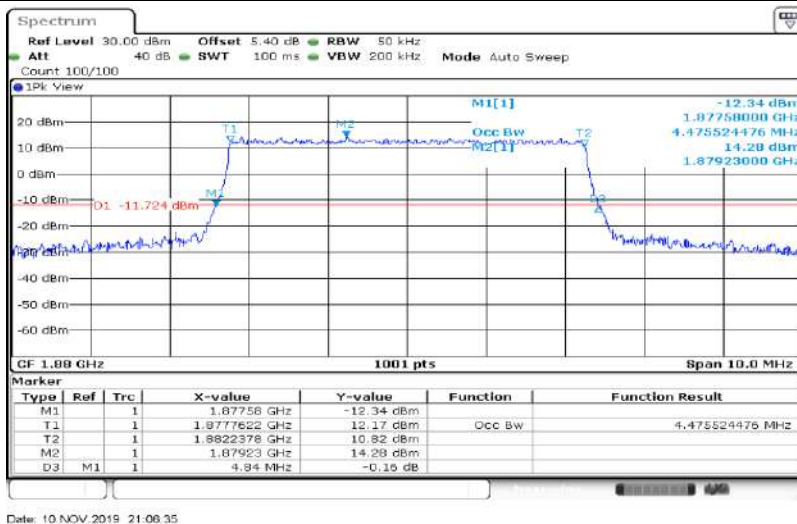


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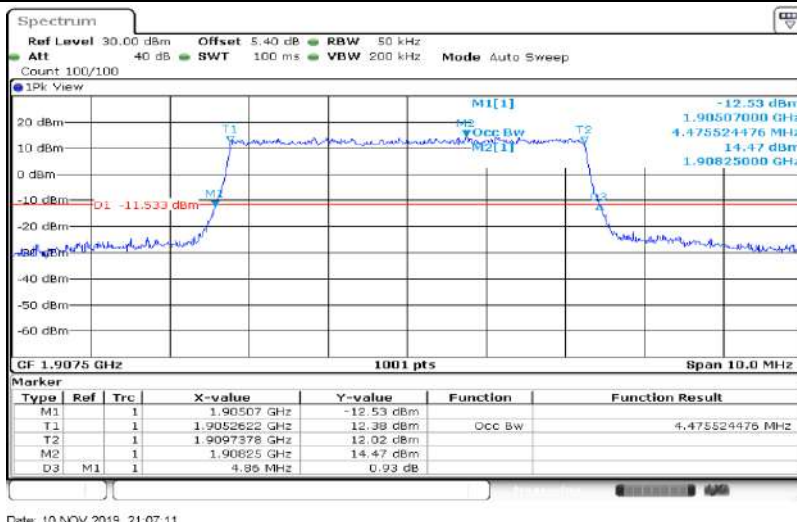


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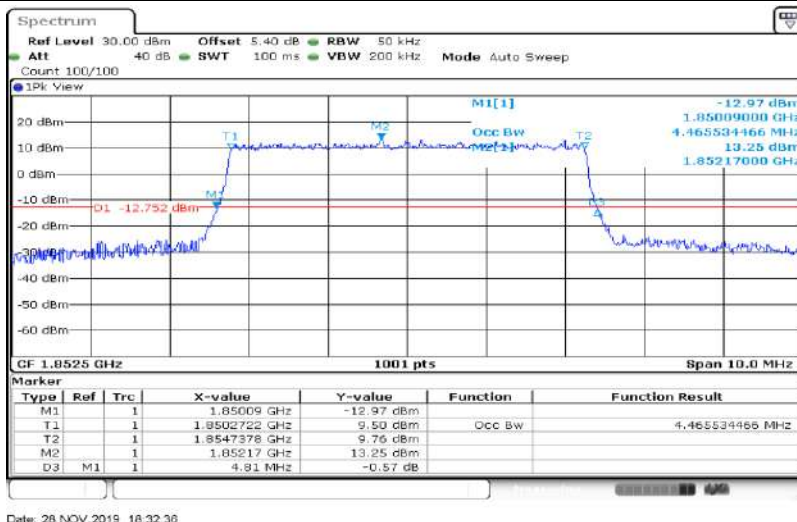


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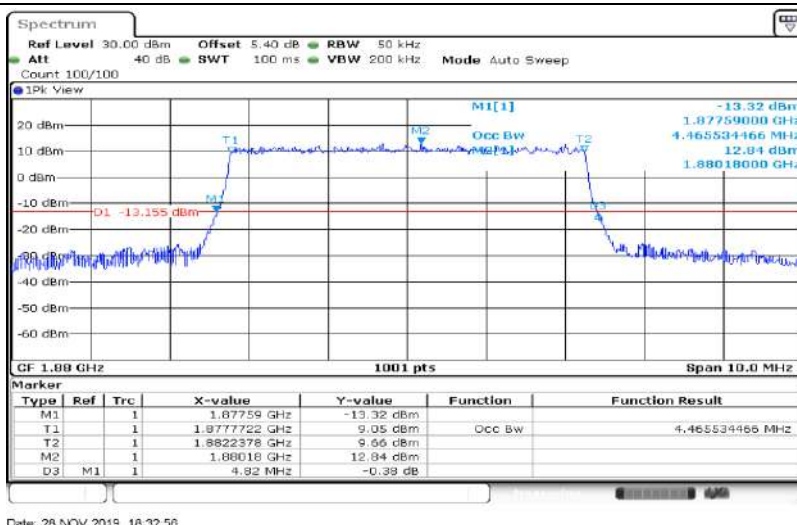


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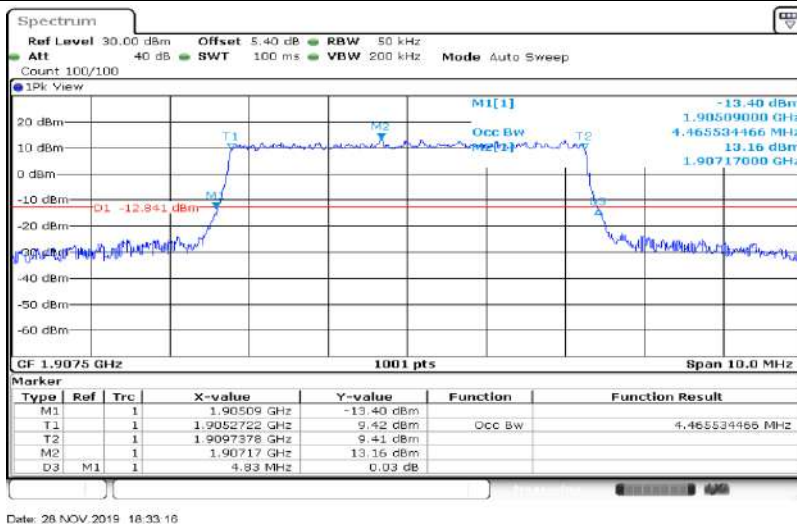


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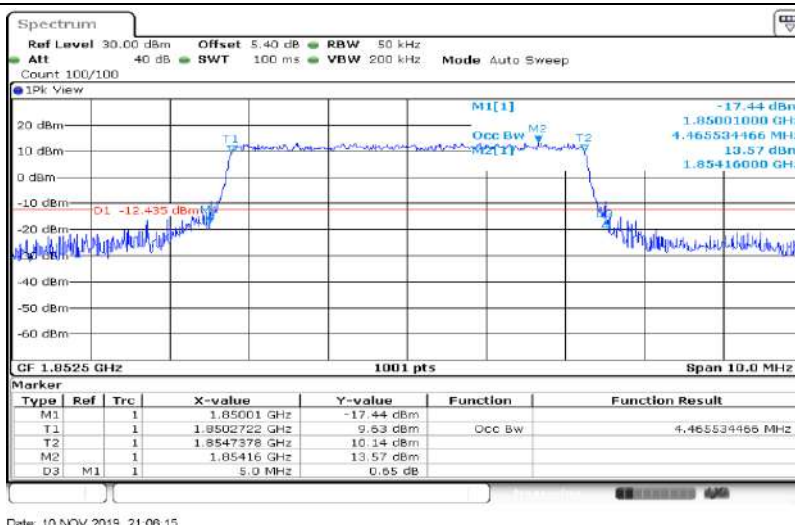


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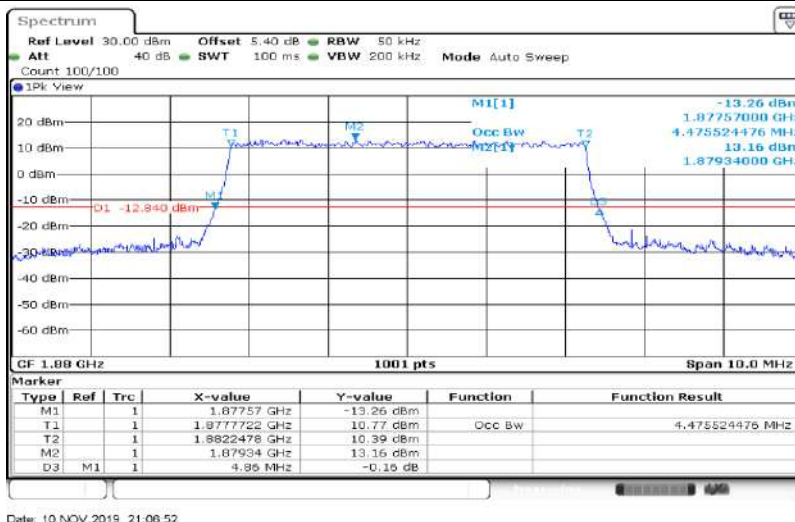
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Date: 10 NOV 2019 21:06:15

Band2-5MHz-16QAM-18900-25RB#0-4.476



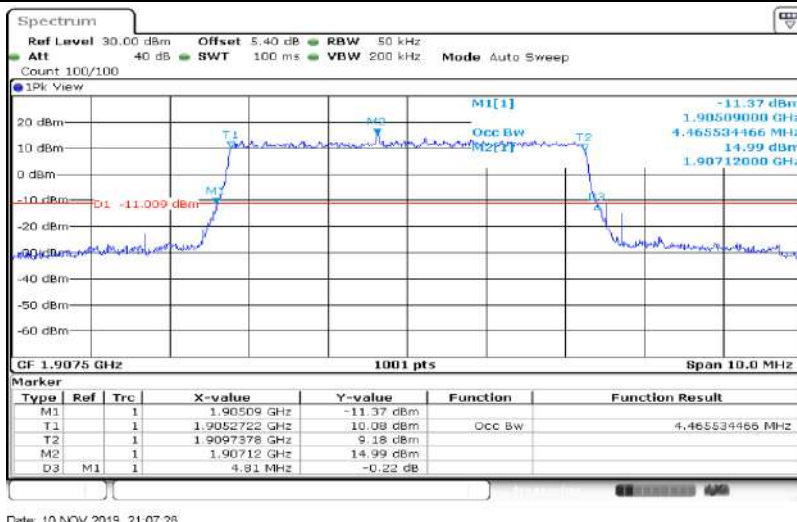
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Band2-5MHz-16QAM-19175-25RB#0-4.466



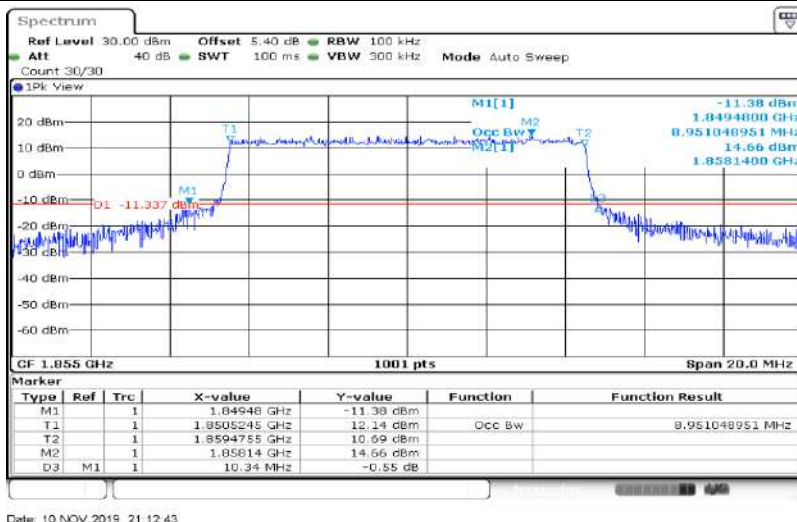
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Date: 10 NOV 2019 21:07:28

Band2-10MHz-QPSK-18650-50RB#0-8.951



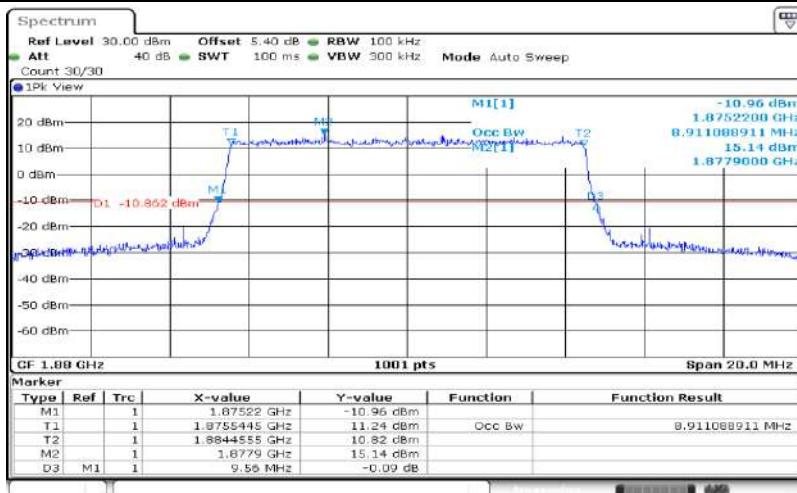
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Band2-10MHz-QPSK-18900-50RB#0-8.911



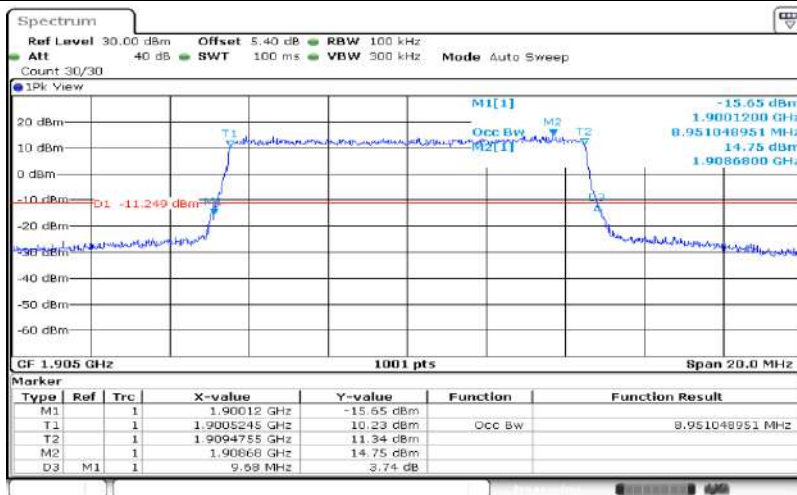
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Date: 10 NOV 2019 21:13:05

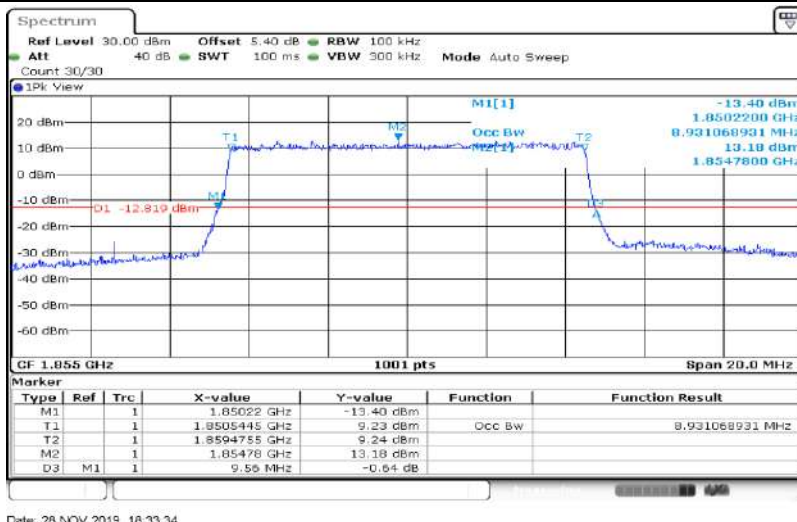
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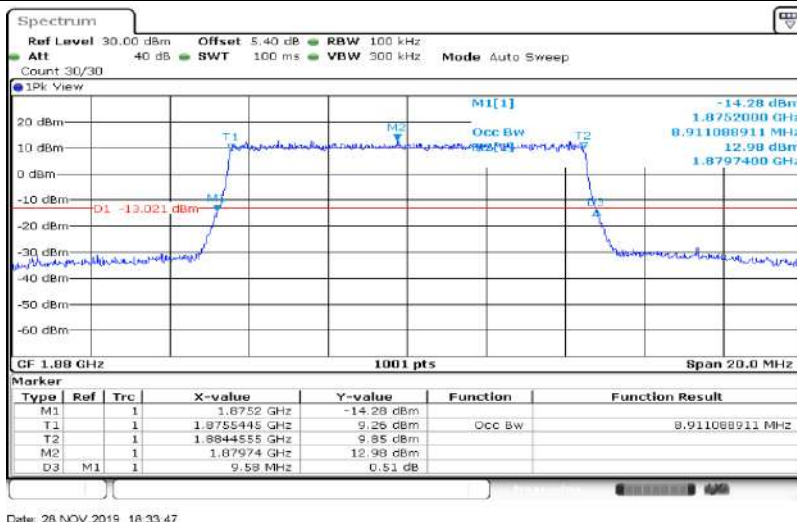
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Band2-10MHz-64QAM-18650-50RB#0-8.931



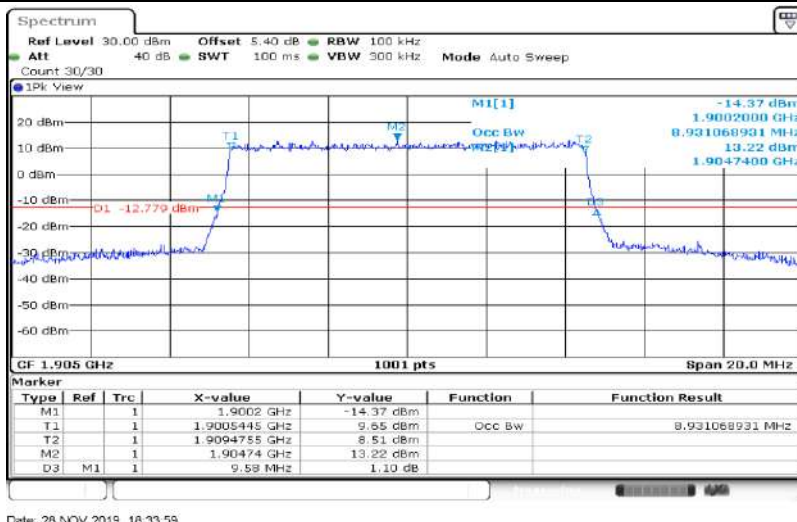


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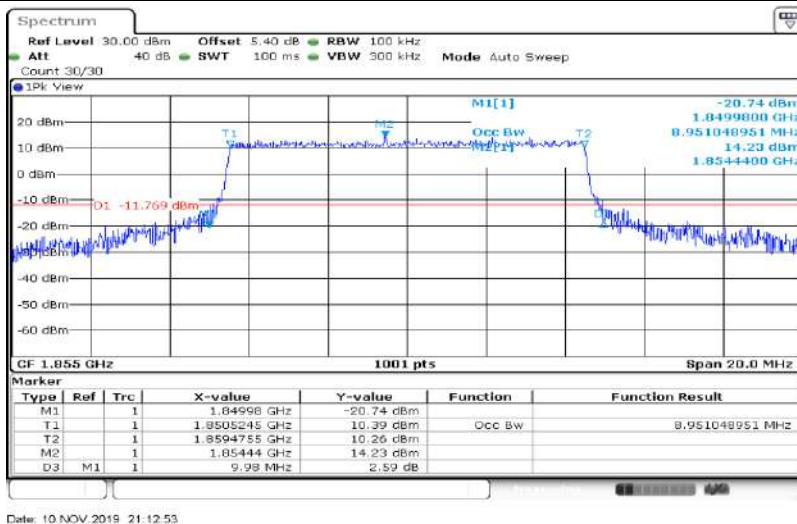


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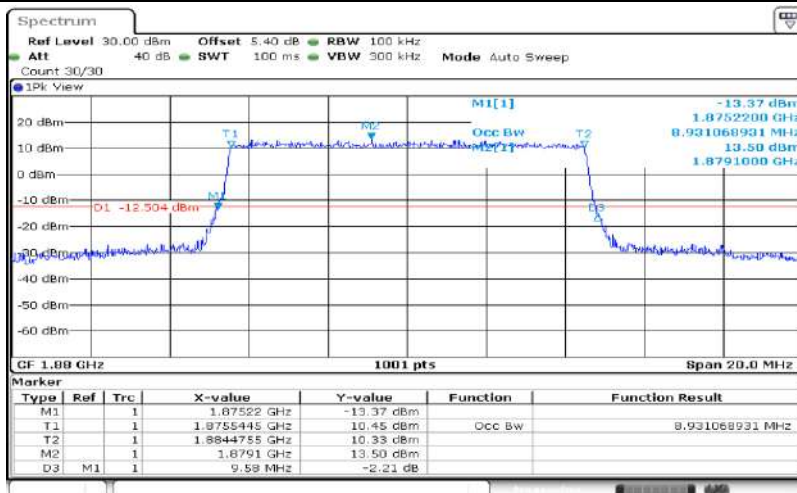


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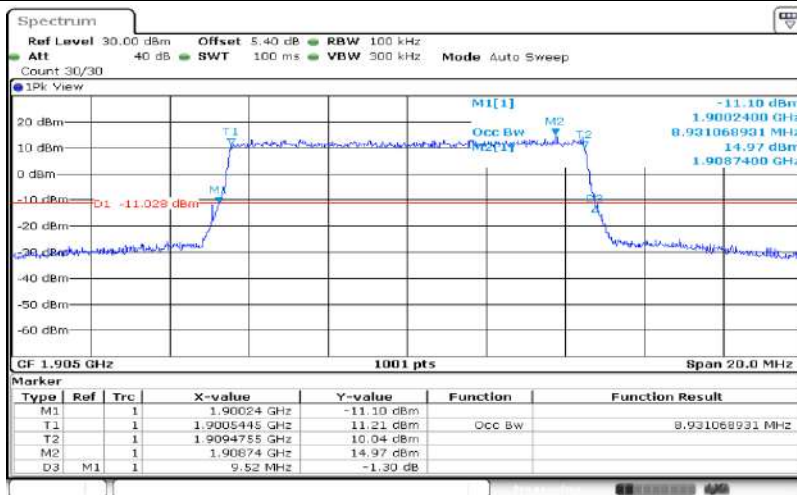
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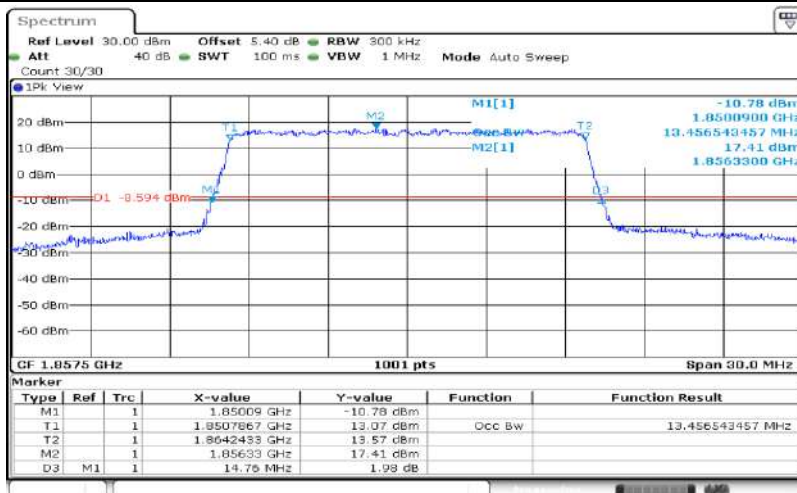
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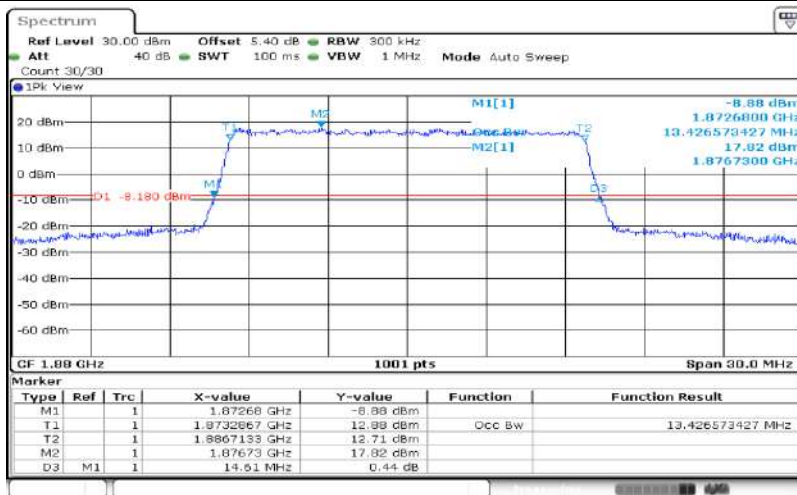
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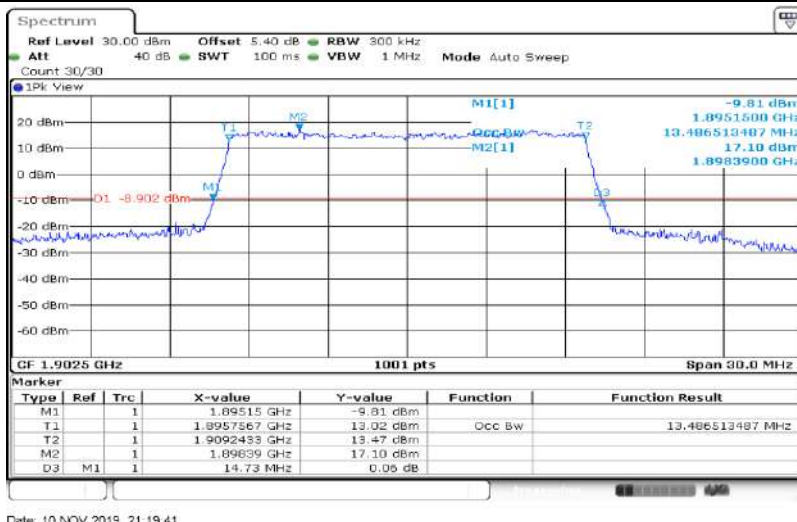
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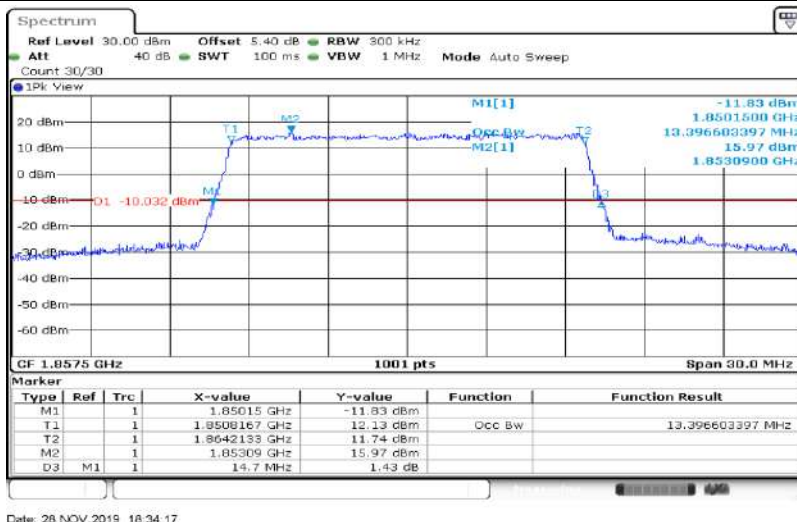
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Band2-15MHz-QPSK-19125-75RB#0-13.487



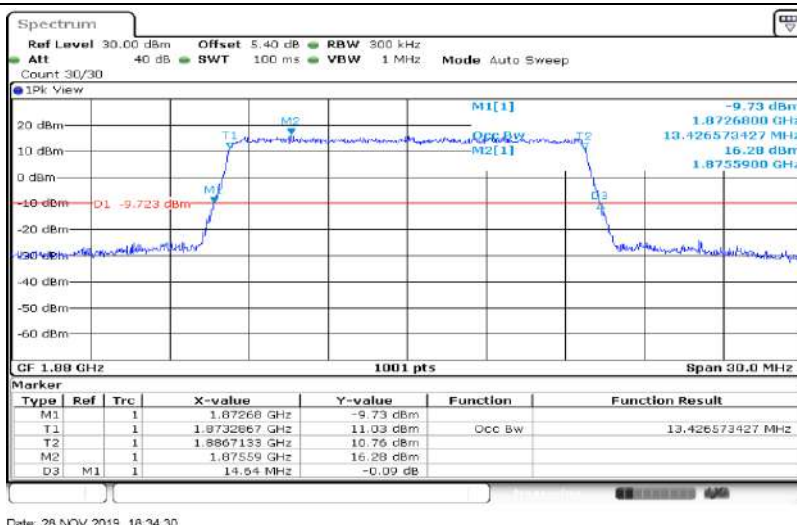


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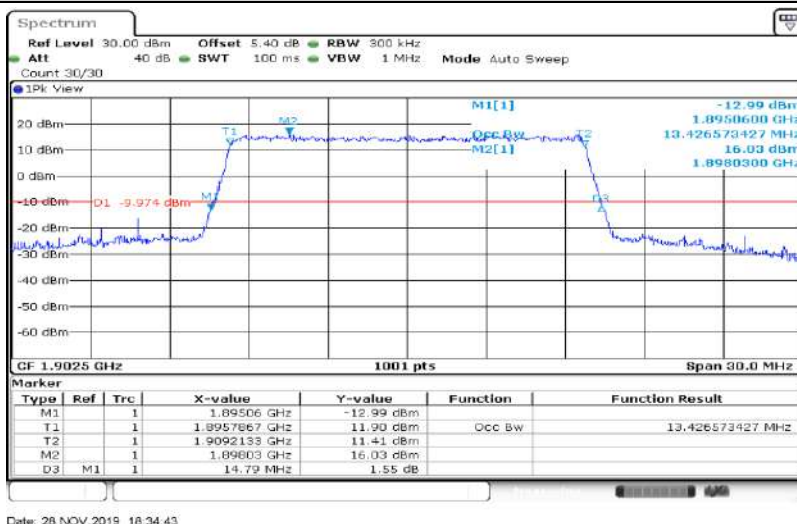


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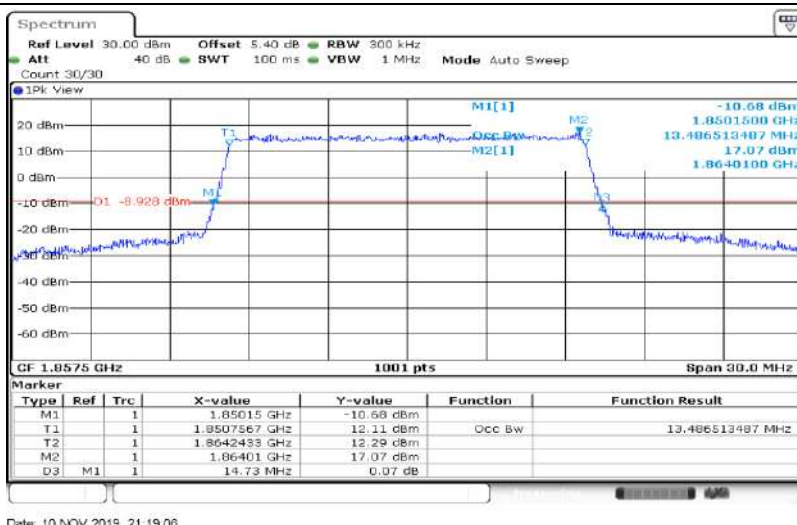


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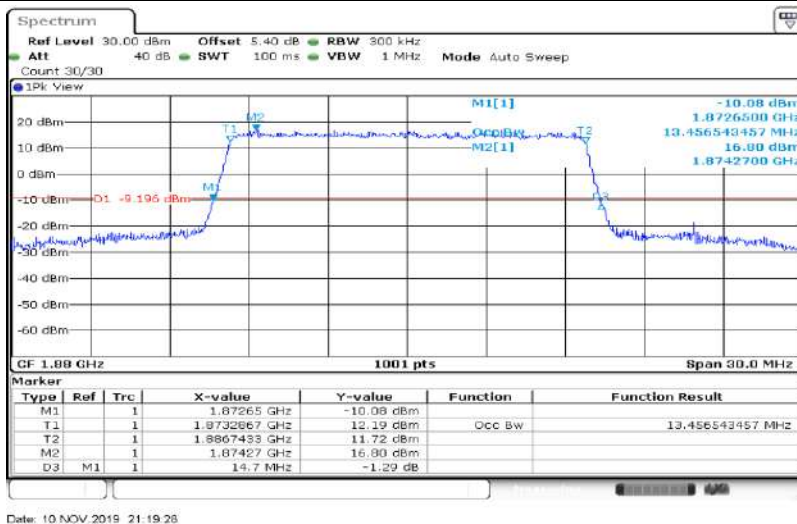


Band2-15MHz-16QAM-18675-75RB#0-13.487



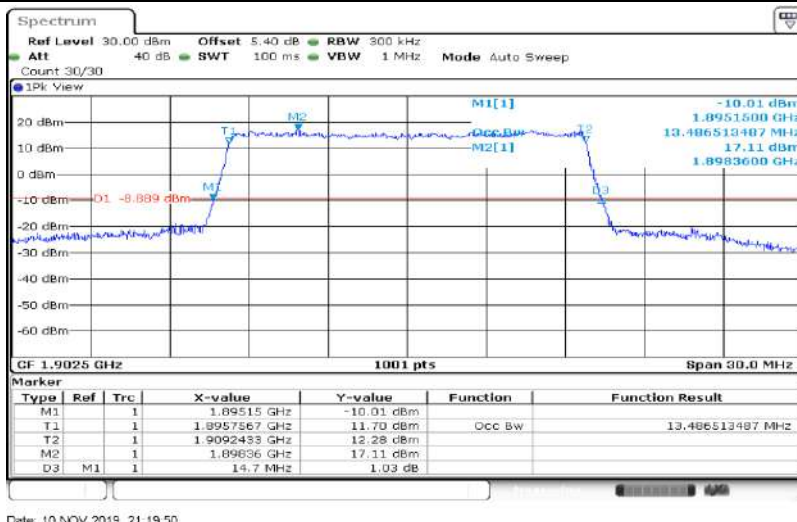


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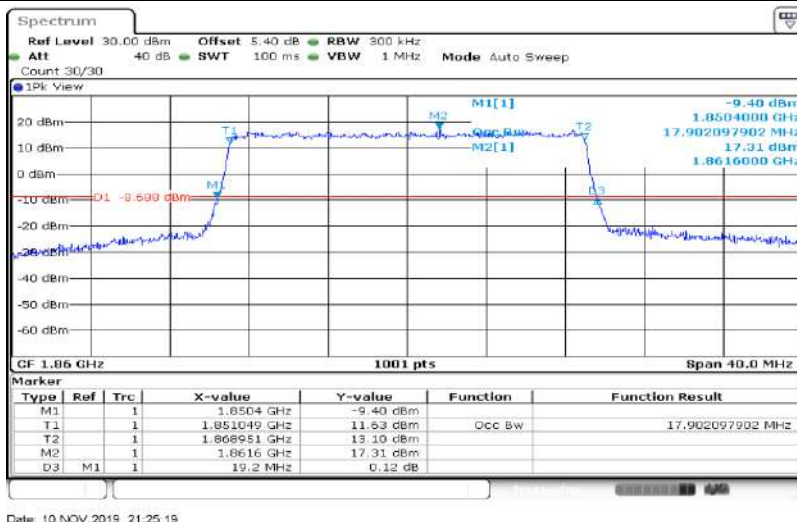


Band2-15MHz-16QAM-19125-75RB#0-13.487





Band2-20MHz-QPSK-18700-100RB#0-17.902



Band2-20MHz-QPSK-18900-100RB#0-17.942



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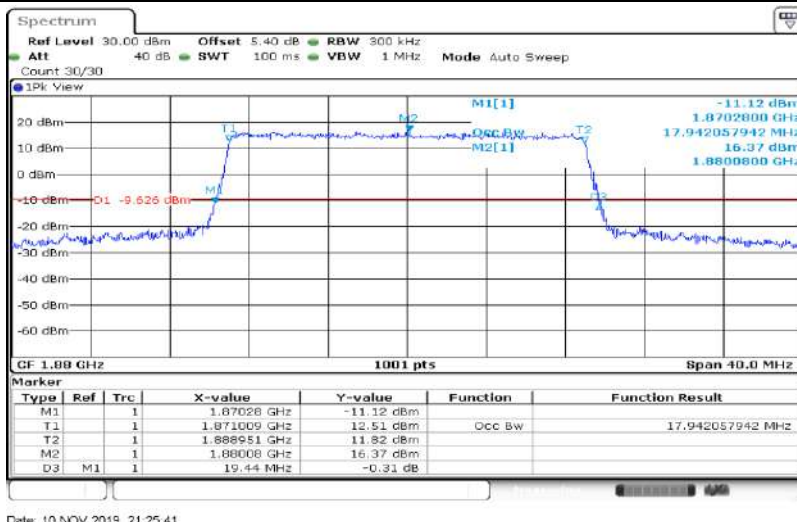
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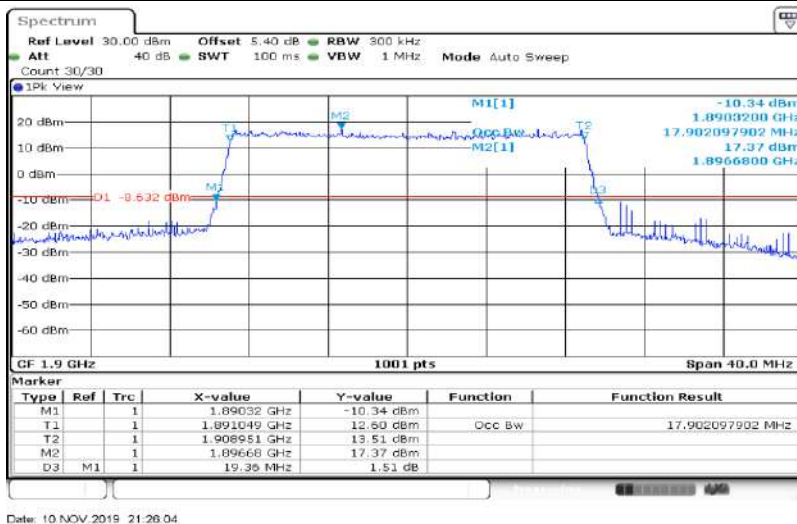
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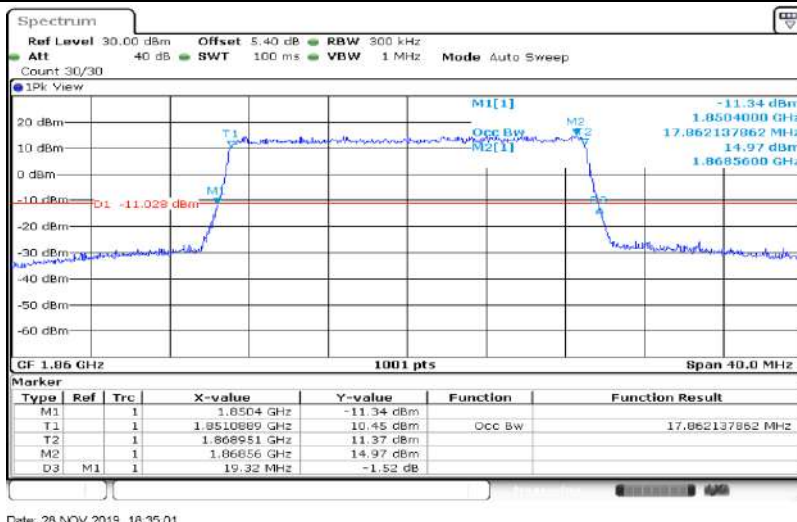


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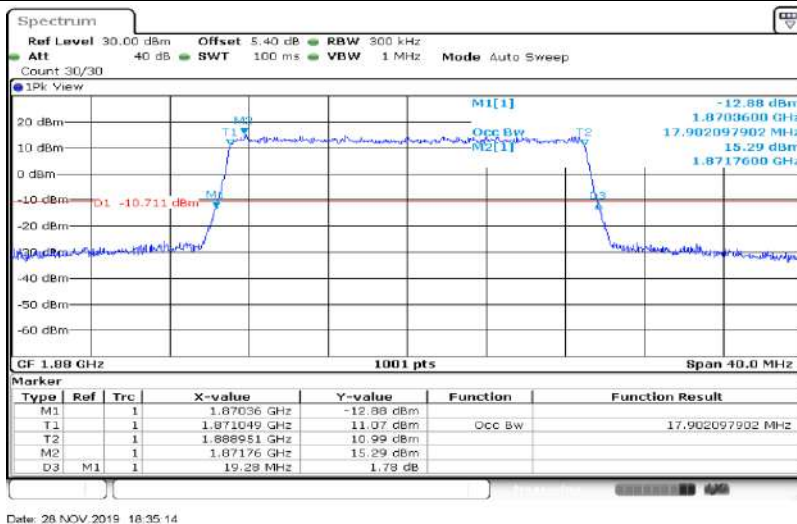


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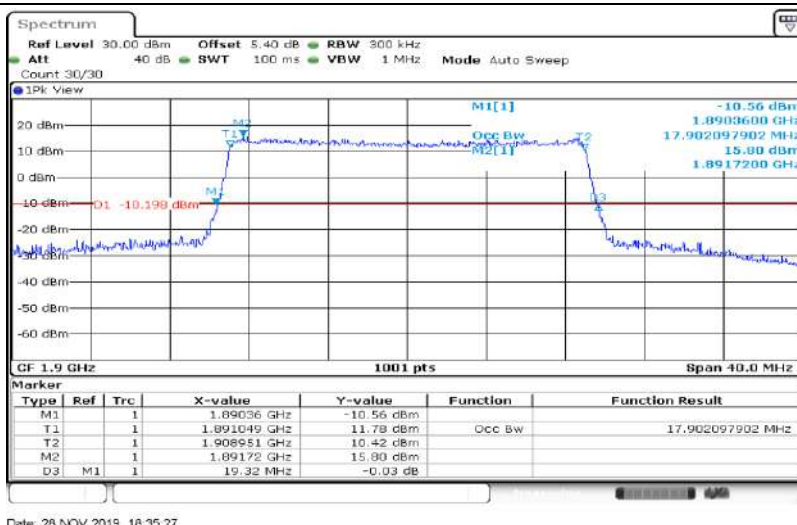


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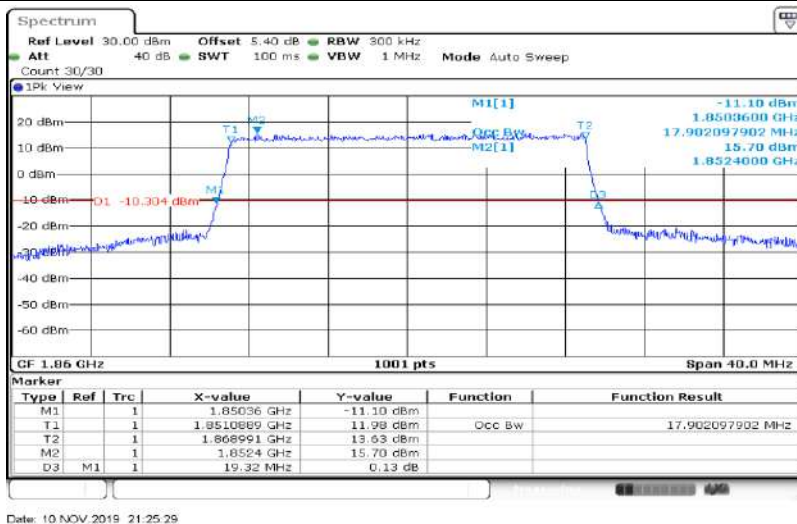


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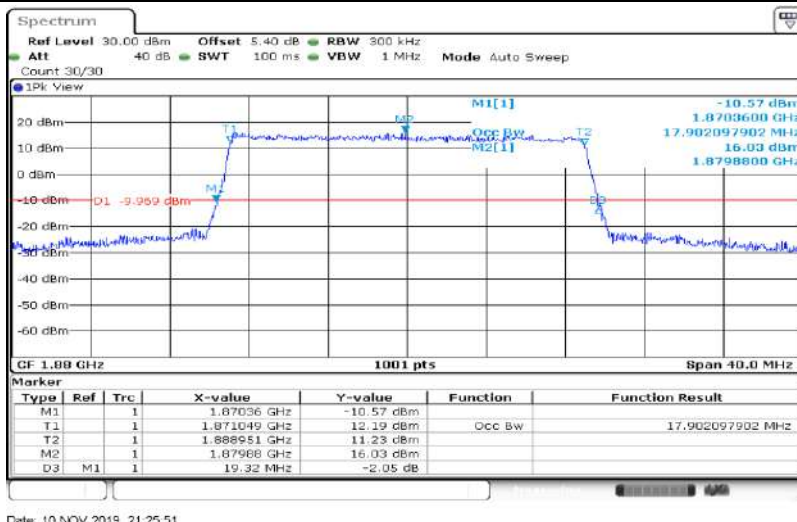


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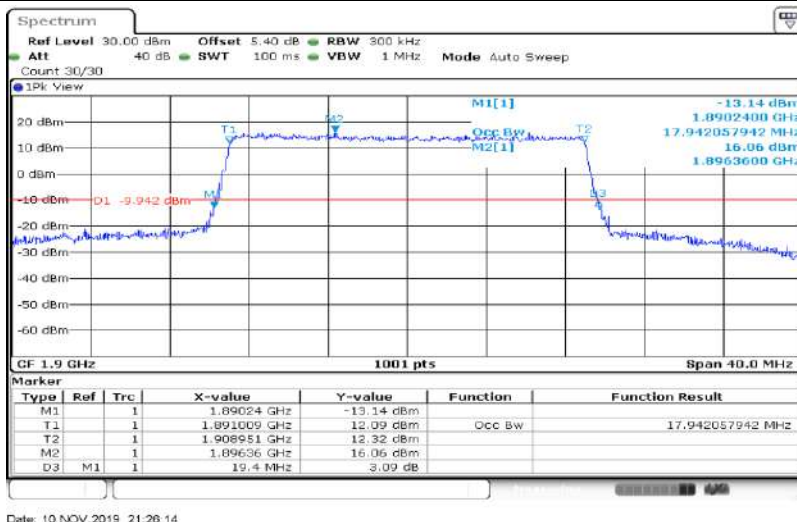


Band2-20MHz-16QAM-18900-100RB#0-17.902





Band2-20MHz-16QAM-19100-100RB#0-17.942



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5. Band Edge Compliance

5.1. Test Plots

Band2-1.4MHz-QPSK-18607-1RB#0



Band2-1.4MHz-QPSK-18607-6RB#0



Band2-1.4MHz-QPSK-19193-1RB#5





Band2-1.4MHz-QPSK-19193-6RB#0



Band2-1.4MHz-64QAM-18607-1RB#0



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Band2-1.4MHz-64QAM-18607-6RB#0



Band2-1.4MHz-64QAM-19193-1RB#5



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Band2-1.4MHz-64QAM-19193-6RB#0



Band2-1.4MHz-16QAM-18607-1RB#0



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Band2-1.4MHz-16QAM-18607-6RB#0



Band2-1.4MHz-16QAM-19193-1RB#5



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Band2-1.4MHz-16QAM-19193-6RB#0



Band2-3MHz-QPSK-18615-1RB#0



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Band2-3MHz-QPSK-18615-15RB#0



Band2-3MHz-QPSK-19185-1RB#14





Band2-3MHz-QPSK-19185-15RB#0



Band2-3MHz-64QAM-18615-1RB#0



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Band2-3MHz-64QAM-18615-15RB#0

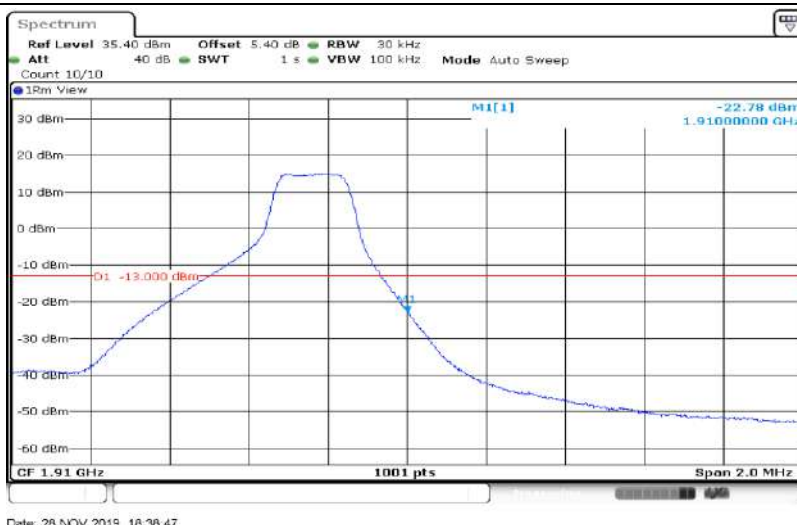


Band2-3MHz-64QAM-19185-1RB#14



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Band2-3MHz-64QAM-19185-15RB#0



Band2-3MHz-16QAM-18615-1RB#0



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Band2-3MHz-16QAM-18615-15RB#0



Band2-3MHz-16QAM-19185-1RB#14



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Band2-3MHz-16QAM-19185-15RB#0



Band2-5MHz-QPSK-18625-1RB#0



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Band2-5MHz-QPSK-18625-25RB#0



Band2-5MHz-QPSK-19175-1RB#24





Band2-5MHz-QPSK-19175-25RB#0



Band2-5MHz-64QAM-18625-1RB#0



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Band2-5MHz-64QAM-18625-25RB#0



Band2-5MHz-64QAM-19175-1RB#24





Band2-5MHz-64QAM-19175-25RB#0



Band2-5MHz-16QAM-18625-1RB#0



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Band2-5MHz-16QAM-18625-25RB#0



Band2-5MHz-16QAM-19175-1RB#24





Band2-5MHz-16QAM-19175-25RB#0



Band2-10MHz-QPSK-18650-1RB#0



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Band2-10MHz-QPSK-18650-50RB#0



Band2-10MHz-QPSK-19150-1RB#49



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Band2-10MHz-QPSK-19150-50RB#0



Band2-10MHz-64QAM-18650-1RB#0



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Band2-10MHz-64QAM-19150-1RB#49



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Band2-10MHz-64QAM-19150-50RB#0



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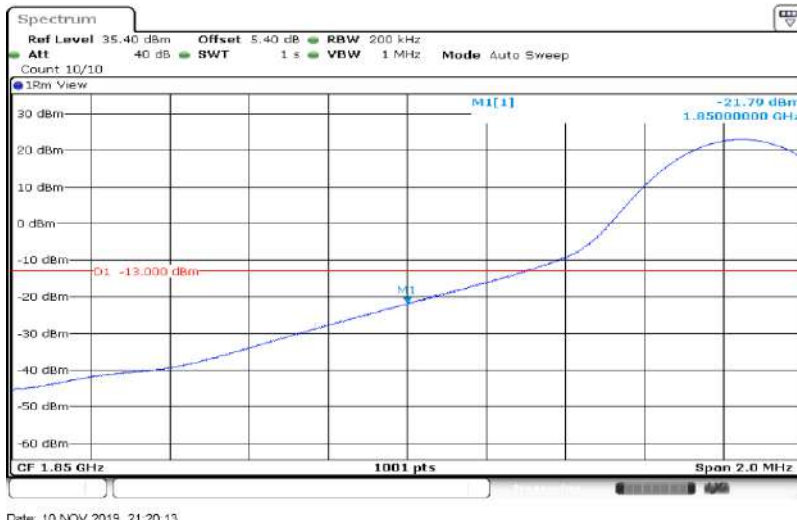


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Band2-15MHz-QPSK-18675-75RB#0



Band2-15MHz-QPSK-19125-1RB#74



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Band2-15MHz-QPSK-19125-75RB#0



Band2-15MHz-64QAM-18675-1RB#0



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Band2-15MHz-64QAM-18675-75RB#0



Band2-15MHz-64QAM-19125-1RB#74



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Band2-15MHz-64QAM-19125-75RB#0



Band2-15MHz-16QAM-18675-1RB#0



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Band2-15MHz-16QAM-18675-75RB#0



Band2-15MHz-16QAM-19125-1RB#74



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Band2-15MHz-16QAM-19125-75RB#0



Band2-20MHz-QPSK-18700-1RB#0



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Band2-20MHz-QPSK-18700-100RB#0



Band2-20MHz-QPSK-19100-1RB#99



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Band2-20MHz-QPSK-19100-100RB#0



Band2-20MHz-64QAM-18700-1RB#0



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Band2-20MHz-64QAM-18700-100RB#0



Band2-20MHz-64QAM-19100-1RB#99



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Band2-20MHz-64QAM-19100-100RB#0



Band2-20MHz-16QAM-18700-1RB#0

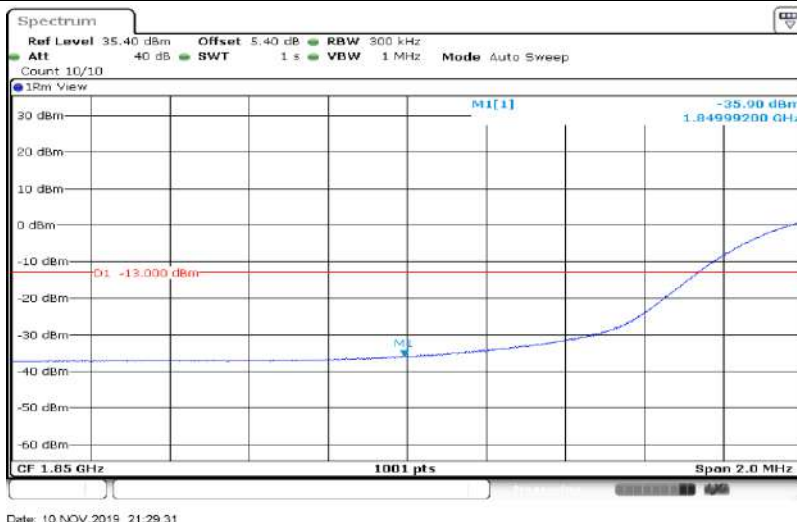


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Band2-20MHz-16QAM-18700-100RB#0



Band2-20MHz-16QAM-19100-1RB#99



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Date: 10 NOV 2019 21:28:13

Band2-20MHz-16QAM-19100-100RB#0



Date: 10 NOV 2019 21:30:09



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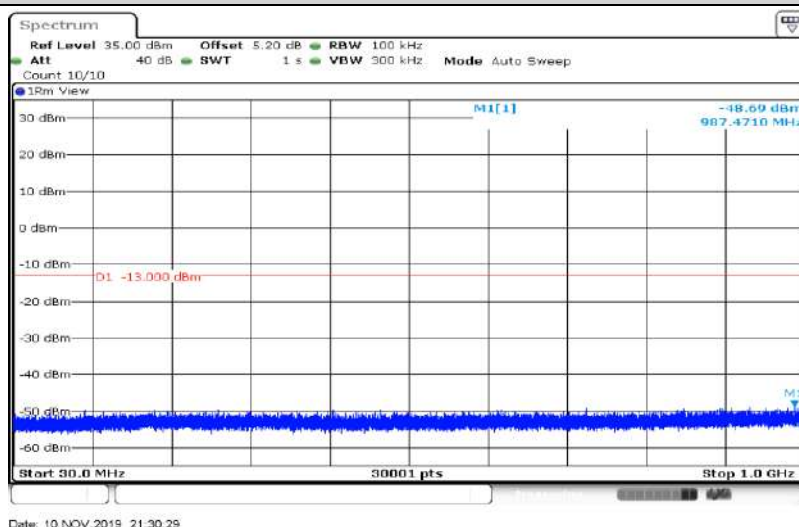
6. Spurious Emission at Antenna Terminal

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.

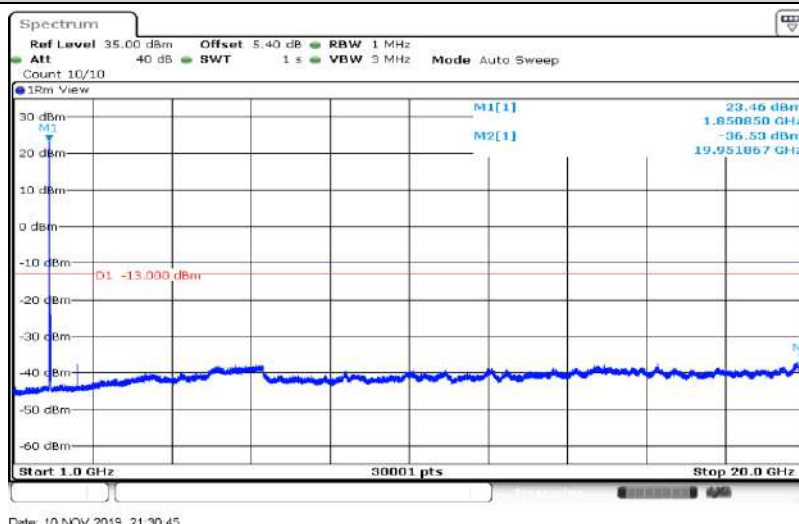
Remark2: only the worst case data displayed in this report.

6.1. Test Plots

Band2-20MHz-QPSK-18700-1RB#0-Range1:30~1000MHz



Band2-20MHz-QPSK-18700-1RB#0-Range2:1000~20000MHz

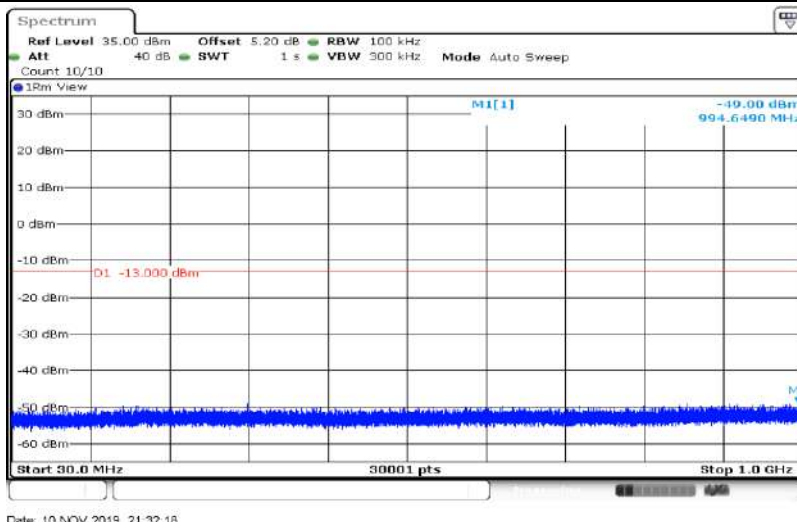


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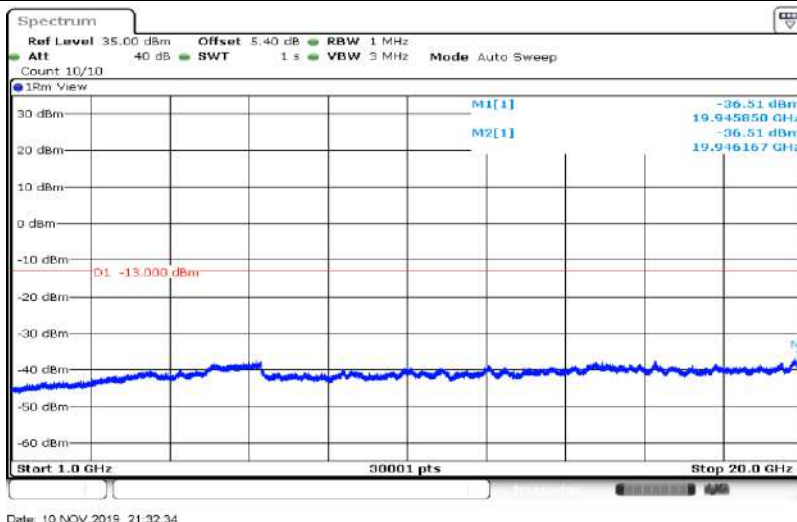


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Band2-20MHz-QPSK-18900-1RB#0-Range2:1000~20000MHz



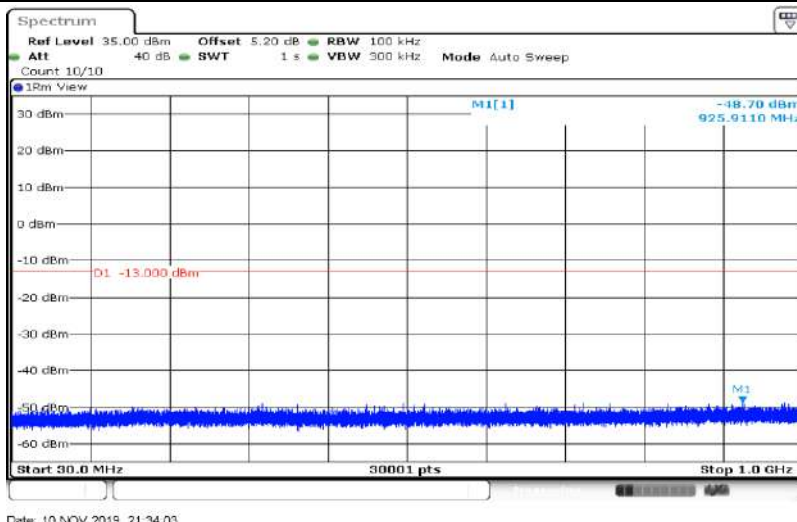
Band2-20MHz-QPSK-19100-1RB#0-Range1:30~1000MHz



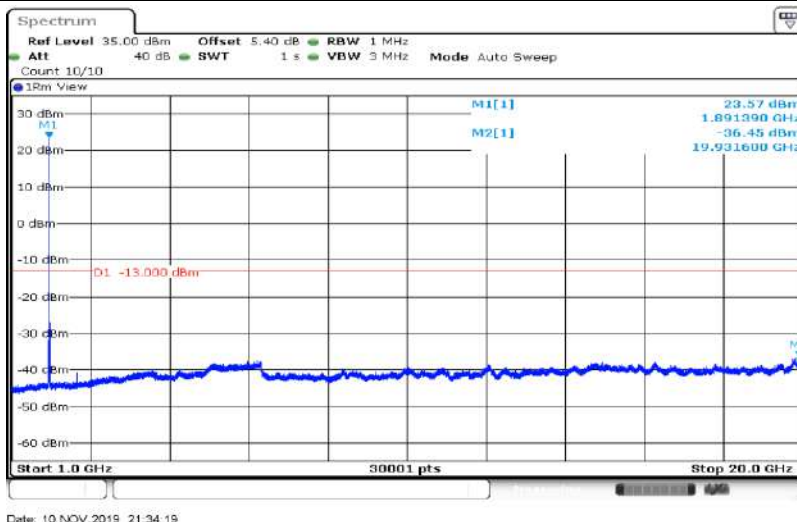
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Band2-20MHz-QPSK-19100-1RB#0-Range2:1000~20000MHz

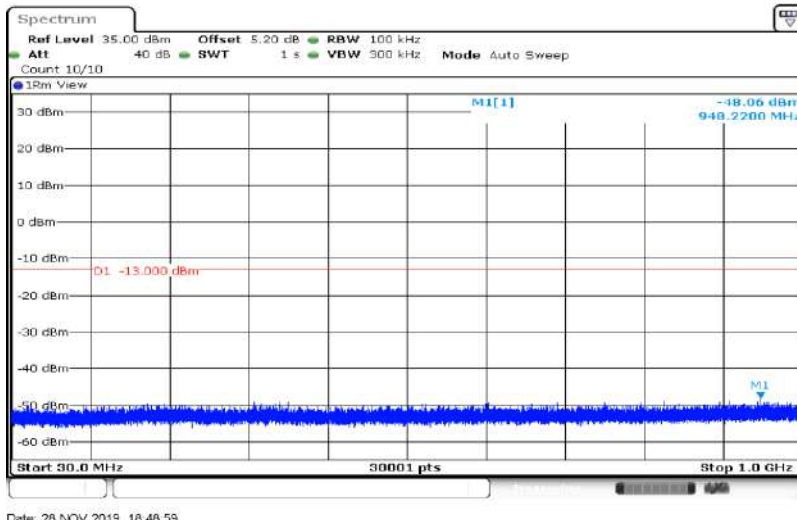


Band2-20MHz-64QAM-18700-1RB#0-Range1:30~1000MHz

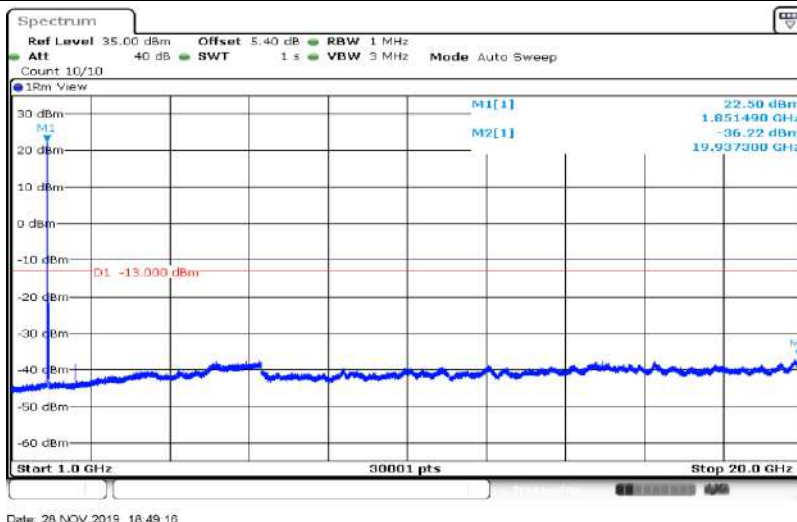


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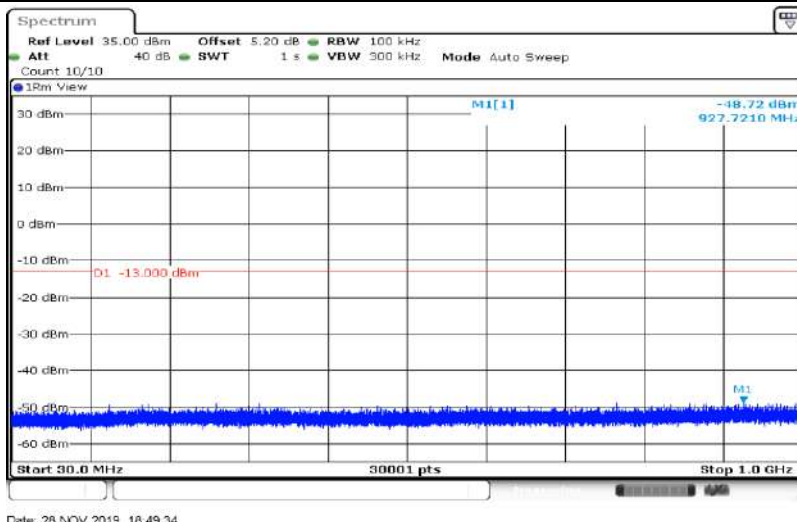


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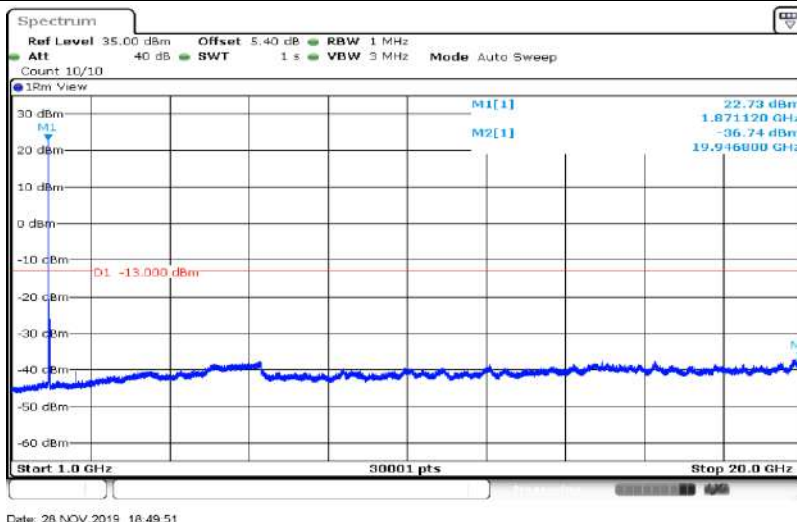


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Band2-20MHz-64QAM-18900-1RB#0-Range2:1000~20000MHz

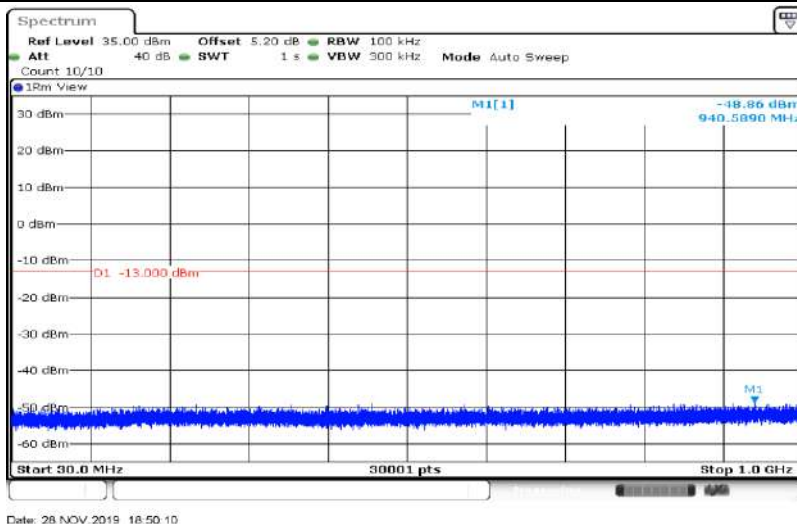


Band2-20MHz-64QAM-19100-1RB#0-Range1:30~1000MHz

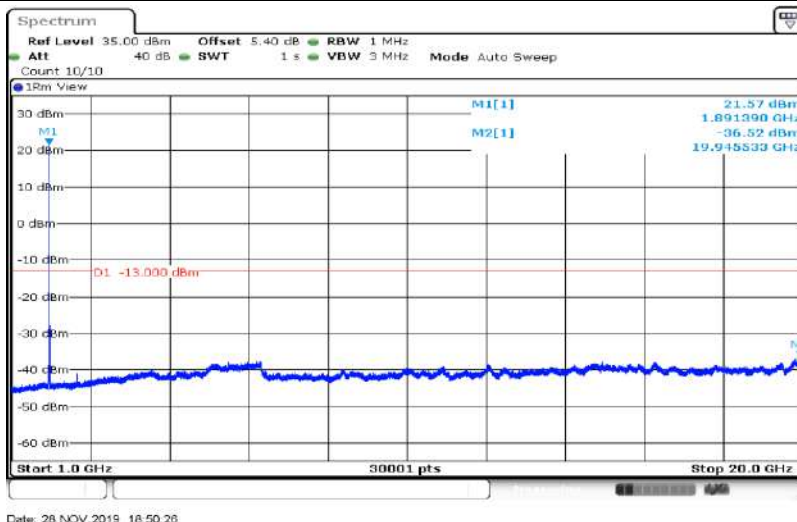


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Band2-20MHz-64QAM-19100-1RB#0-Range2:1000~20000MHz

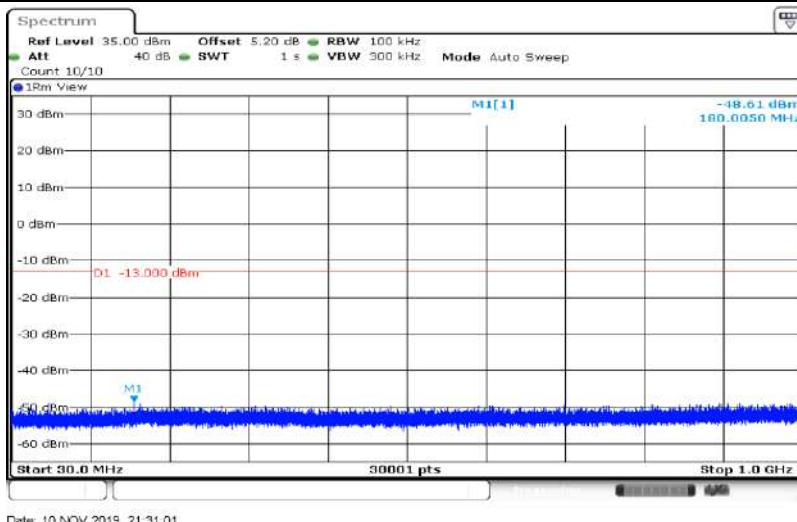


Band2-20MHz-16QAM-18700-1RB#0-Range1:30~1000MHz

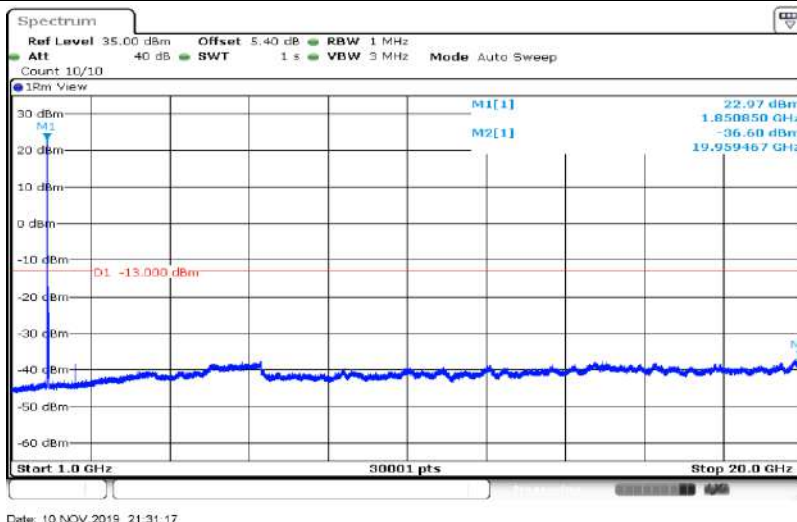


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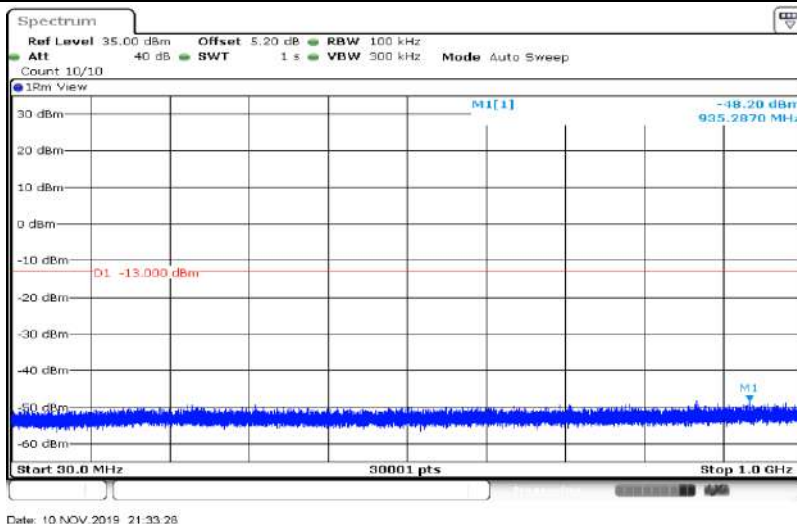
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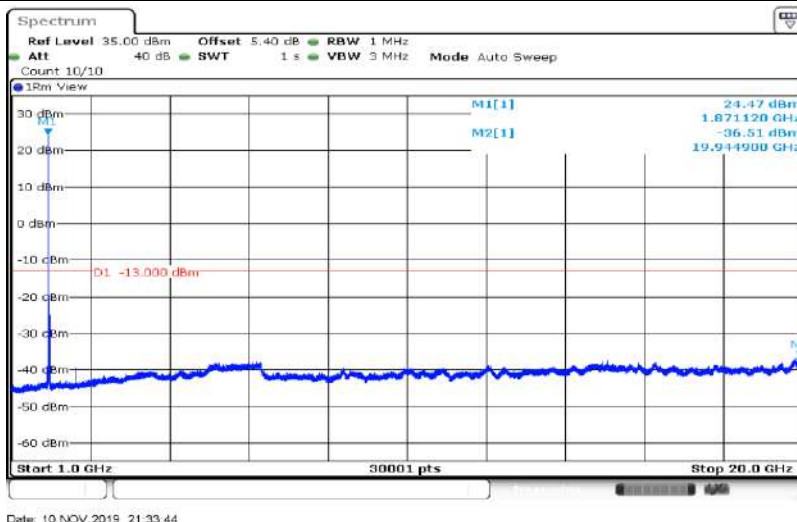
Band2-20MHz-16QAM-18900-1RB#0-Range1:30~1000MHz



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Band2-20MHz-16QAM-18900-1RB#0-Range2:1000~20000MHz



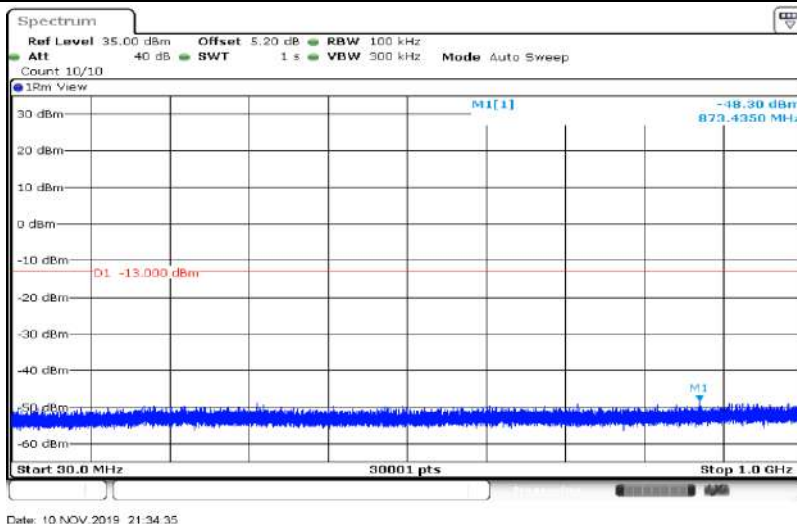
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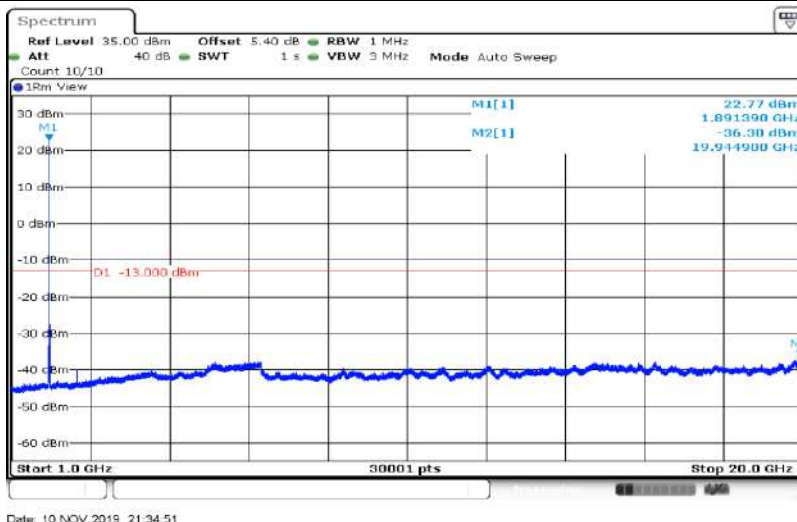
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Band2-20MHz-16QAM-19100-1RB#0-Range2:1000~20000MHz



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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1

7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height (cm)	Angle (°)	Polarization
48.8674	-71.85	-13.00	58.85	174	54	Vertical
120.0205	-65.23	-13.00	52.23	185	303	Vertical
406.9123	-67.06	-13.00	54.06	196	204	Vertical
2692.7385	-37.63	-13.00	24.63	231	246	Vertical
7356.1452	-52.76	-13.00	39.76	262	129	Vertical
17994.9998	-34.88	-13.00	21.88	291	353	Vertical
42.6106	-64.43	-13.00	51.43	258	179	Horizontal
229.9755	-67.87	-13.00	54.87	274	4	Horizontal
614.5997	-63.20	-13.00	50.20	159	303	Horizontal
2701.9404	-36.20	-13.00	23.20	196	189	Horizontal
7451.1484	-53.23	-13.00	40.23	184	54	Horizontal
16397.9466	-38.79	-13.00	25.79	321	353	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height (cm)	Angle (°)	Polarization
48.8189	-73.03	-13.00	60.03	174	327	Vertical
110.5625	-64.66	-13.00	51.66	185	54	Vertical
490.4820	-67.06	-13.00	54.06	196	129	Vertical
2707.1414	-37.55	-13.00	24.55	321	270	Vertical
8525.1842	-52.63	-13.00	39.63	262	153	Vertical
17999.5000	-34.76	-13.00	21.76	251	153	Vertical
39.7005	-64.44	-13.00	51.44	188	79	Horizontal
238.7059	-67.40	-13.00	54.40	254	303	Horizontal
549.7520	-65.01	-13.00	52.01	259	4	Horizontal
2699.5399	-36.25	-13.00	23.25	196	65	Horizontal
9311.7104	-48.81	-13.00	35.81	321	30	Horizontal
16392.4464	-38.61	-13.00	25.61	265	229	Horizontal



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7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height (cm)	Angle (°)	Polarization
61.5266	-71.37	-13.00	58.37	159	209	Vertical
109.5925	-65.37	-13.00	52.37	184	284	Vertical
516.1398	-66.06	-13.00	53.06	175	209	Vertical
2702.3405	-37.44	-13.00	24.44	312	120	Vertical
8017.1672	-52.81	-13.00	39.81	262	4	Vertical
17996.9999	-34.61	-13.00	21.61	215	209	Vertical
42.3681	-64.49	-13.00	51.49	258	337	Horizontal
241.2766	-67.72	-13.00	54.72	274	287	Horizontal
606.0633	-63.54	-13.00	50.54	159	337	Horizontal
2695.5391	-36.19	-13.00	23.19	196	92	Horizontal
9300.7100	-48.72	-13.00	35.72	231	359	Horizontal
16378.4459	-38.82	-13.00	25.82	262	82	Horizontal

Remark:

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.
- 3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.



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8. Frequency Stability

8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	VL	NT	-10.24	-0.005505	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VN	NT	-10.91	-0.005866	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VH	NT	-11.83	-0.006360	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	-15.99	-0.008505	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	-17.54	-0.009330	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	-18.77	-0.009984	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VL	NT	-14.43	-0.007595	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VN	NT	-11.04	-0.005811	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VH	NT	-28.42	-0.014958	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VL	NT	3.40	0.001828	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VN	NT	-10.40	-0.005591	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VH	NT	3.90	0.002097	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VL	NT	-8.00	-0.004255	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VN	NT	-4.40	-0.002340	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VH	NT	-14.70	-0.007819	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VL	NT	-15.00	-0.007895	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VN	NT	-11.70	-0.006158	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VH	NT	-4.20	-0.002211	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VL	NT	-11.54	-0.006204	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VN	NT	-6.94	-0.003731	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VH	NT	-10.81	-0.005812	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VL	NT	-10.10	-0.005372	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VN	NT	-11.29	-0.006005	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VH	NT	-12.00	-0.006383	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VL	NT	-13.23	-0.006963	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VN	NT	-14.02	-0.007379	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VH	NT	-13.16	-0.006926	±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
Band2	20MHz	QPSK	18700	100RB#0	NV	-30	-7.48	-0.004022	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-20	-9.63	-0.005177	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	0	-9.70	-0.005215	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	10	-10.24	-0.005505	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	20	-10.26	-0.005516	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	30	-10.79	-0.005801	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	40	-11.57	-0.006220	±2.5	PASS



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Band2	20MHz	QPSK	18700	100RB#0	NV	50	-11.04	-0.005935	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	-13.96	-0.007426	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	-15.13	-0.008048	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	-9.27	-0.004931	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	-11.00	-0.005851	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	-10.27	-0.005463	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	-11.57	-0.006154	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	-12.06	-0.006415	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	-14.39	-0.007654	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-30	-12.23	-0.006437	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-20	-11.74	-0.006179	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	0	-18.35	-0.009658	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	10	-8.51	-0.004479	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	20	-13.85	-0.007289	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	30	-14.08	-0.007411	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	40	-8.78	-0.004621	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	50	-13.16	-0.006926	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-30	-9.20	-0.004946	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-20	-7.50	-0.004032	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	0	0.60	0.000323	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	10	-1.40	-0.000753	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	20	-8.20	-0.004409	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	30	-2.10	-0.001129	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	40	1.20	0.000645	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	50	-1.30	-0.000699	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-30	-9.30	-0.004947	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-20	1.10	0.000585	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	0	1.50	0.000798	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	10	-9.10	-0.004840	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	20	-17.40	-0.009255	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	30	-14.30	-0.007606	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	40	-11.60	-0.006170	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	50	3.70	0.001968	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-30	-9.60	-0.005053	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-20	-8.00	-0.004211	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	0	-2.00	-0.001053	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	10	-9.00	-0.004737	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	20	-4.70	-0.002474	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	30	-0.80	-0.000421	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	40	-11.00	-0.005789	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	50	-18.50	-0.009737	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-30	-8.05	-0.004328	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-20	6.98	0.003753	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	0	-9.64	-0.005183	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	10	-10.16	-0.005462	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	20	-9.46	-0.005086	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	30	-7.60	-0.004086	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	40	-6.08	-0.003269	±2.5	PASS



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Band2	20MHz	16QAM	18700	100RB#0	NV	50	-9.64	-0.005183	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-30	-13.07	-0.006952	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-20	-15.58	-0.008287	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	0	-15.18	-0.008074	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	10	-12.27	-0.006527	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	20	-11.76	-0.006255	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	30	-12.55	-0.006676	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	40	-18.30	-0.009734	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	50	-10.76	-0.005723	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-30	-11.22	-0.005905	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-20	-13.83	-0.007279	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	0	-7.78	-0.004095	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	10	-7.68	-0.004042	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	20	-9.54	-0.005021	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	30	-12.12	-0.006379	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	40	-14.39	-0.007574	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	50	-8.93	-0.004700	±2.5	PASS



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