



Appendix B

E-UTRA Band 2



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Bandwidth h	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	limit (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	23.29	23.29	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	23.38	23.38	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	23.24	23.24	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	23.25	23.25	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	23.34	23.34	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	23.37	23.37	33.00	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.37	22.37	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	23.16	23.16	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	23.39	23.39	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	23.27	23.27	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	23.30	23.30	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	23.47	23.47	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	23.27	23.27	33.00	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.42	22.42	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	23.21	23.21	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	23.33	23.33	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	23.20	23.20	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	23.34	23.34	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	23.28	23.28	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	23.26	23.26	33.00	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	22.33	22.33	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	22.47	22.47	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.64	22.64	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.33	22.33	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	22.31	22.31	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	22.44	22.44	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	22.26	22.26	33.00	PASS



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Band2	1.4MHz	16QAM	18607	6RB#0	21.47	21.47	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	22.52	22.52	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.33	22.33	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.70	22.70	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	22.06	22.06	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	22.34	22.34	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	22.26	22.26	33.00	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	21.45	21.45	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	22.39	22.39	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	22.61	22.61	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	22.59	22.59	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	22.34	22.34	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	22.39	22.39	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	22.17	22.17	33.00	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	21.51	21.51	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#14	23.30	23.30	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.63	23.63	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.28	23.28	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#7	22.36	22.36	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#4	22.49	22.49	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#0	22.39	22.39	33.00	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.46	22.46	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#14	23.19	23.19	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.50	23.50	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#8	23.29	23.29	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#0	22.34	22.34	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#4	22.30	22.30	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#7	22.31	22.31	33.00	PASS
Band2	3MHz	QPSK	18900	15RB#0	22.30	22.30	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#14	23.23	23.23	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#0	23.36	23.36	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#8	23.26	23.26	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#4	22.33	22.33	33.00	PASS



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Band2	3MHz	QPSK	19185	8RB#7	22.32	22.32	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#0	22.32	22.32	33.00	PASS
Band2	3MHz	QPSK	19185	15RB#0	22.21	22.21	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.78	22.78	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.48	22.48	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.48	22.48	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#0	21.40	21.40	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#4	21.45	21.45	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#7	21.38	21.38	33.00	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.51	21.51	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.79	22.79	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#0	22.37	22.37	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#8	22.57	22.57	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#0	21.42	21.42	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#4	21.39	21.39	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#7	21.34	21.34	33.00	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.35	21.35	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#0	22.32	22.32	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#14	22.46	22.46	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#8	22.56	22.56	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#0	21.35	21.35	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#7	21.49	21.49	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#4	21.25	21.25	33.00	PASS
Band2	3MHz	16QAM	19185	15RB#0	21.26	21.26	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#0	23.09	23.09	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#12	23.23	23.23	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.22	23.22	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#0	22.31	22.31	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#6	22.39	22.39	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#13	22.41	22.41	33.00	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.35	22.35	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#12	23.11	23.11	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#0	23.45	23.45	33.00	PASS



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Band2	5MHz	QPSK	18900	1RB#24	23.16	23.16	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#0	22.31	22.31	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#6	22.44	22.44	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#13	22.32	22.32	33.00	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.26	22.26	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#24	23.06	23.06	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#0	23.24	23.24	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#12	23.20	23.20	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#0	22.38	22.38	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#6	22.31	22.31	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#13	22.23	22.23	33.00	PASS
Band2	5MHz	QPSK	19175	25RB#0	22.36	22.36	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.63	22.63	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#0	22.24	22.24	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.76	22.76	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#0	21.39	21.39	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#6	21.50	21.50	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#13	21.31	21.31	33.00	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.34	21.34	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#0	22.35	22.35	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#12	22.72	22.72	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#24	22.40	22.40	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#0	21.28	21.28	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#6	21.28	21.28	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#13	21.40	21.40	33.00	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.36	21.36	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#12	22.20	22.20	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#24	22.14	22.14	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#0	22.49	22.49	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#0	21.35	21.35	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#6	21.33	21.33	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#13	21.24	21.24	33.00	PASS
Band2	5MHz	16QAM	19175	25RB#0	21.33	21.33	33.00	PASS



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Band2	10MHz	QPSK	18650	1RB#0	23.37	23.37	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.46	23.46	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#49	23.30	23.30	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#0	22.39	22.39	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#12	22.38	22.38	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#25	22.42	22.42	33.00	PASS
Band2	10MHz	QPSK	18650	50RB#0	22.39	22.39	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#49	23.35	23.35	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#0	23.29	23.29	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#24	23.21	23.21	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#0	22.33	22.33	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#12	22.39	22.39	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#25	22.38	22.38	33.00	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.34	22.34	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#0	23.20	23.20	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#24	23.35	23.35	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#49	23.16	23.16	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#25	22.45	22.45	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#0	22.32	22.32	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#12	22.23	22.23	33.00	PASS
Band2	10MHz	QPSK	19150	50RB#0	22.32	22.32	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#0	22.85	22.85	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#49	22.44	22.44	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#24	22.44	22.44	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#25	21.47	21.47	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#12	21.45	21.45	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#0	21.39	21.39	33.00	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.36	21.36	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.33	22.33	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#0	22.77	22.77	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.46	22.46	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#25	21.36	21.36	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#12	21.32	21.32	33.00	PASS



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Band2	10MHz	16QAM	18900	25RB#0	21.40	21.40	33.00	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.41	21.41	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#0	22.48	22.48	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#49	22.53	22.53	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#24	22.41	22.41	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#0	21.56	21.56	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#12	21.29	21.29	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#25	21.37	21.37	33.00	PASS
Band2	10MHz	16QAM	19150	50RB#0	21.43	21.43	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#38	23.23	23.23	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.37	23.37	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#74	23.27	23.27	33.00	PASS
Band2	15MHz	QPSK	18675	36RB#0	22.45	22.45	33.00	PASS
Band2	15MHz	QPSK	18675	36RB#18	22.42	22.42	33.00	PASS
Band2	15MHz	QPSK	18675	36RB#39	22.38	22.38	33.00	PASS
Band2	15MHz	QPSK	18675	75RB#0	22.31	22.31	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#0	23.24	23.24	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#38	23.29	23.29	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#74	23.19	23.19	33.00	PASS
Band2	15MHz	QPSK	18900	36RB#0	22.30	22.30	33.00	PASS
Band2	15MHz	QPSK	18900	36RB#39	22.34	22.34	33.00	PASS
Band2	15MHz	QPSK	18900	36RB#18	22.32	22.32	33.00	PASS
Band2	15MHz	QPSK	18900	75RB#0	22.37	22.37	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#38	23.15	23.15	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#74	23.25	23.25	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#0	23.11	23.11	33.00	PASS
Band2	15MHz	QPSK	19125	36RB#0	22.36	22.36	33.00	PASS
Band2	15MHz	QPSK	19125	36RB#39	22.26	22.26	33.00	PASS
Band2	15MHz	QPSK	19125	36RB#18	22.24	22.24	33.00	PASS
Band2	15MHz	QPSK	19125	75RB#0	22.29	22.29	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#74	22.31	22.31	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#0	22.48	22.48	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#38	22.69	22.69	33.00	PASS



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Band2	15MHz	16QAM	18675	36RB#39	21.30	21.30	33.00	PASS
Band2	15MHz	16QAM	18675	36RB#18	21.31	21.31	33.00	PASS
Band2	15MHz	16QAM	18675	36RB#0	21.30	21.30	33.00	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.34	21.34	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#38	22.36	22.36	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.56	22.56	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#0	22.14	22.14	33.00	PASS
Band2	15MHz	16QAM	18900	36RB#0	21.40	21.40	33.00	PASS
Band2	15MHz	16QAM	18900	36RB#18	21.34	21.34	33.00	PASS
Band2	15MHz	16QAM	18900	36RB#39	21.30	21.30	33.00	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.38	21.38	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#0	22.27	22.27	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#38	22.57	22.57	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#74	22.38	22.38	33.00	PASS
Band2	15MHz	16QAM	19125	36RB#39	21.32	21.32	33.00	PASS
Band2	15MHz	16QAM	19125	36RB#0	21.27	21.27	33.00	PASS
Band2	15MHz	16QAM	19125	36RB#18	21.27	21.27	33.00	PASS
Band2	15MHz	16QAM	19125	75RB#0	21.29	21.29	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#49	22.98	22.98	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#99	23.52	23.52	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.07	23.07	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#0	22.21	22.21	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#25	22.36	22.36	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#50	22.24	22.24	33.00	PASS
Band2	20MHz	QPSK	18700	100RB#0	22.32	22.32	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#99	23.13	23.13	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#49	23.46	23.46	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#0	22.87	22.87	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#25	22.31	22.31	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#0	22.32	22.32	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#50	22.34	22.34	33.00	PASS
Band2	20MHz	QPSK	18900	100RB#0	22.34	22.34	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#49	22.94	22.94	33.00	PASS



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Band2	20MHz	QPSK	19100	1RB#0	23.30	23.30	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#99	22.92	22.92	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#25	22.37	22.37	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#50	22.26	22.26	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#0	22.16	22.16	33.00	PASS
Band2	20MHz	QPSK	19100	100RB#0	22.20	22.20	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#99	22.63	22.63	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#0	22.72	22.72	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#49	22.44	22.44	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#0	21.23	21.23	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#25	21.39	21.39	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#50	21.37	21.37	33.00	PASS
Band2	20MHz	16QAM	18700	100RB#0	21.22	21.22	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#99	22.44	22.44	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#49	22.51	22.51	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#0	22.33	22.33	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#25	21.43	21.43	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#0	21.35	21.35	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#50	21.35	21.35	33.00	PASS
Band2	20MHz	16QAM	18900	100RB#0	21.29	21.29	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#99	22.21	22.21	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#49	22.64	22.64	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#0	22.29	22.29	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#50	21.40	21.40	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#25	21.33	21.33	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#0	21.11	21.11	33.00	PASS
Band2	20MHz	16QAM	19100	100RB#0	21.29	21.29	33.00	PASS

Remark:

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

$$ERP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBd]}$$

$$EIRP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBi]}$$



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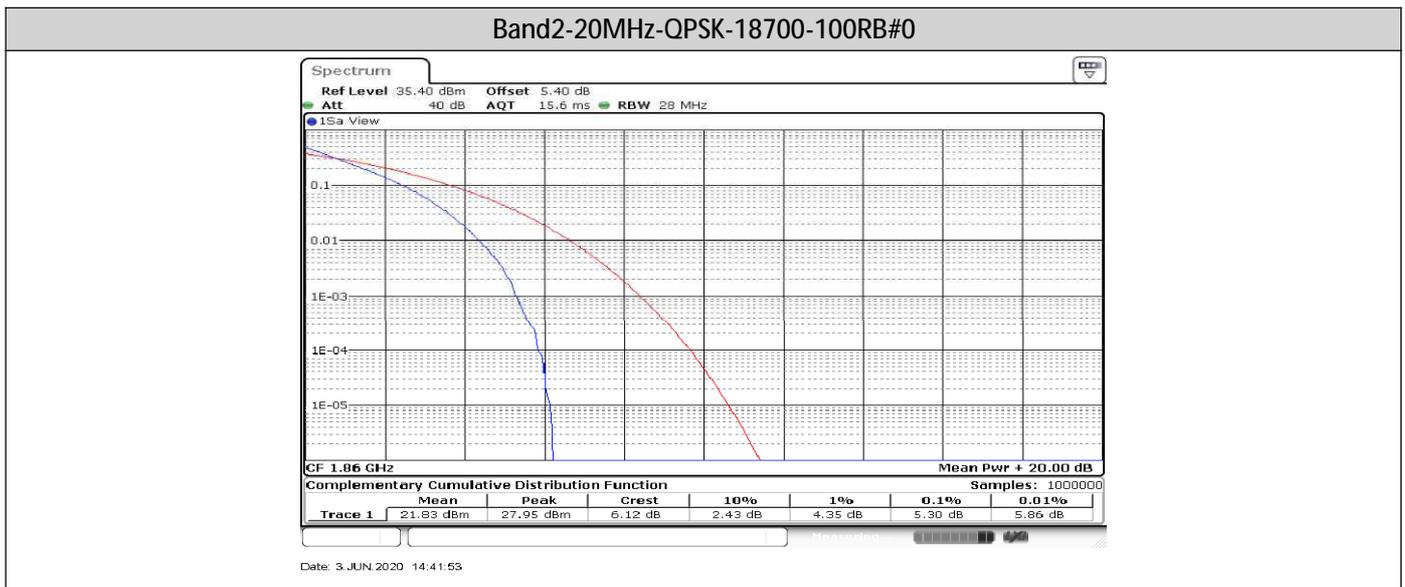


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	5.30	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.33	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.13	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.12	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.12	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	5.94	13	PASS

2.2. Test Plots



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



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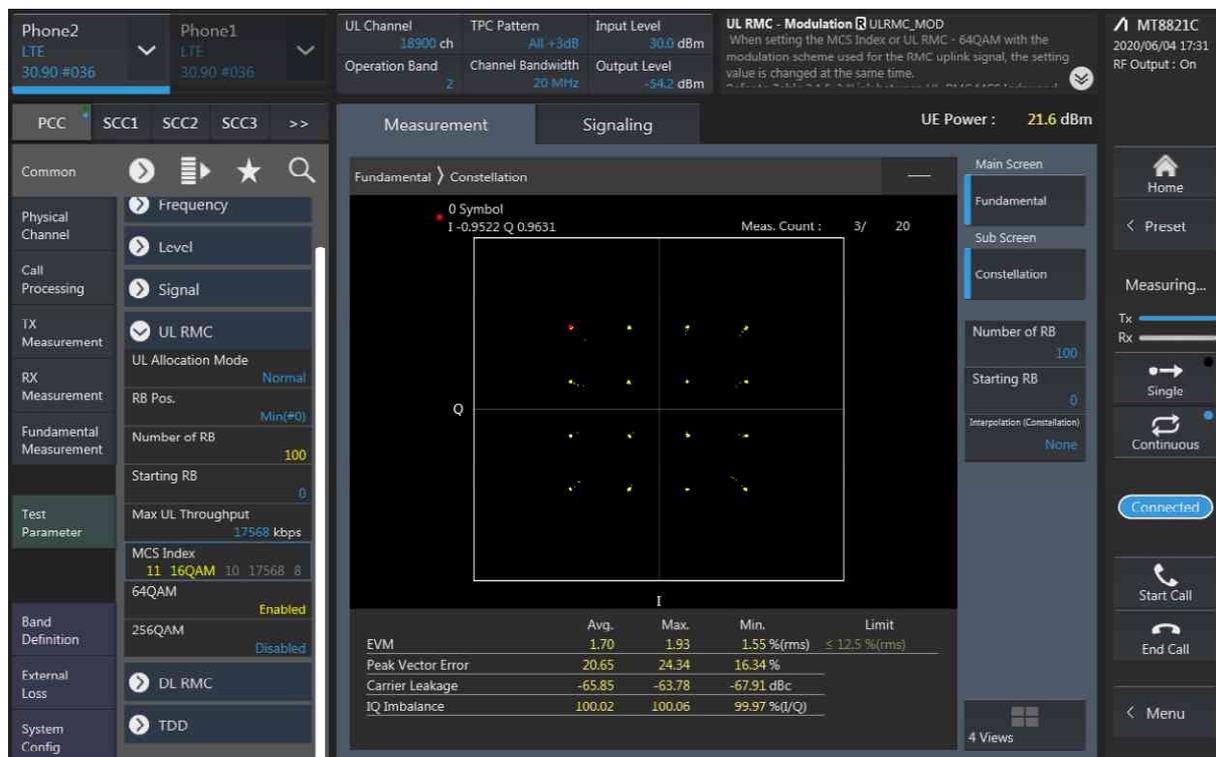


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3.2. Test Mode = LTE /TM2 20MHz

3.2.1. Test Channel = MCH



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4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.088	1.287	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.088	1.284	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.091	1.308	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.088	1.290	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.091	1.275	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.091	1.296	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.691	2.910	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.691	2.922	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.685	2.916	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.673	2.904	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.685	2.886	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.679	2.898	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.476	4.840	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.466	4.840	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.476	4.850	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.476	4.770	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.476	4.850	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.486	4.840	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.931	9.640	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.971	9.420	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.931	9.580	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.931	9.660	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.931	9.640	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.931	9.600	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.606	14.280	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.487	14.670	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.457	14.640	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.457	14.730	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.487	14.670	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.546	14.370	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.862	19.280	PASS



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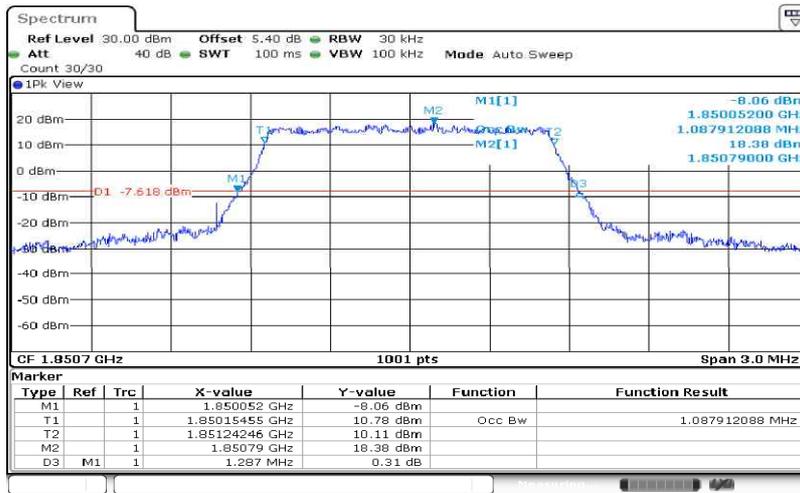
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Band2	20MHz	QPSK	18900	100RB#0	18.062	19.080	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.862	19.240	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.902	19.360	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.942	19.320	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.862	19.320	PASS

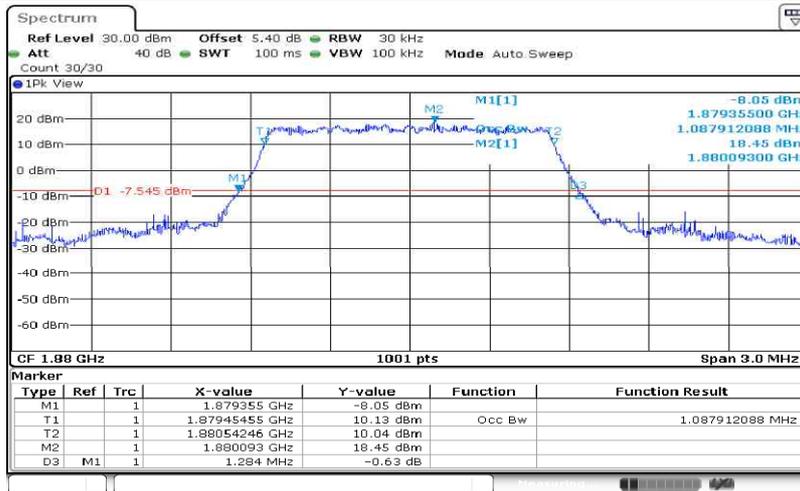
4.2. Test Plots

Band2-1.4MHz-QPSK-18607-6RB#0-1.088



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Band2-1.4MHz-QPSK-18900-6RB#0-1.088



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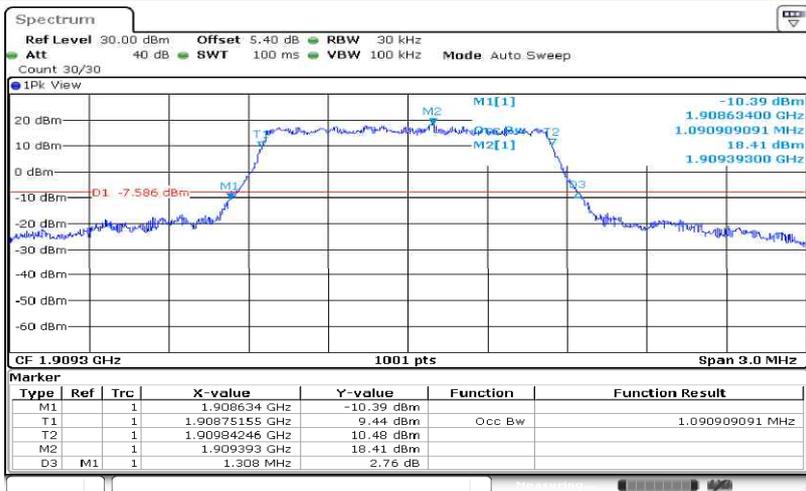


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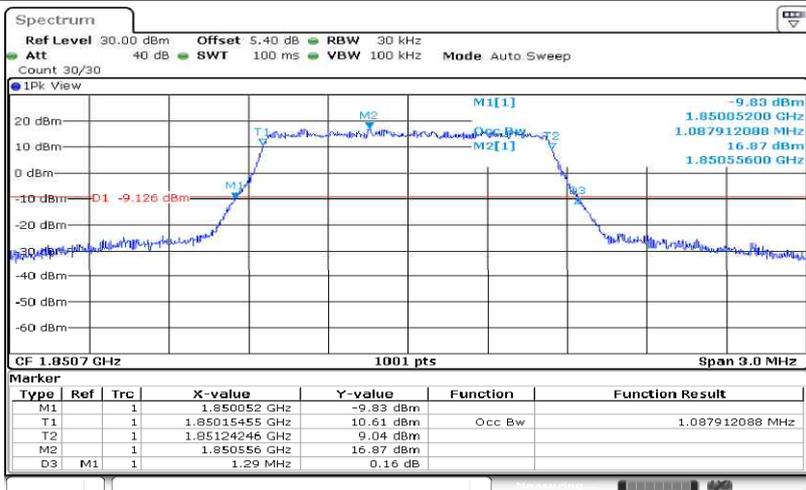


Band2-1.4MHz-QPSK-19193-6RB#0-1.091



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Band2-1.4MHz-16QAM-18607-6RB#0-1.088



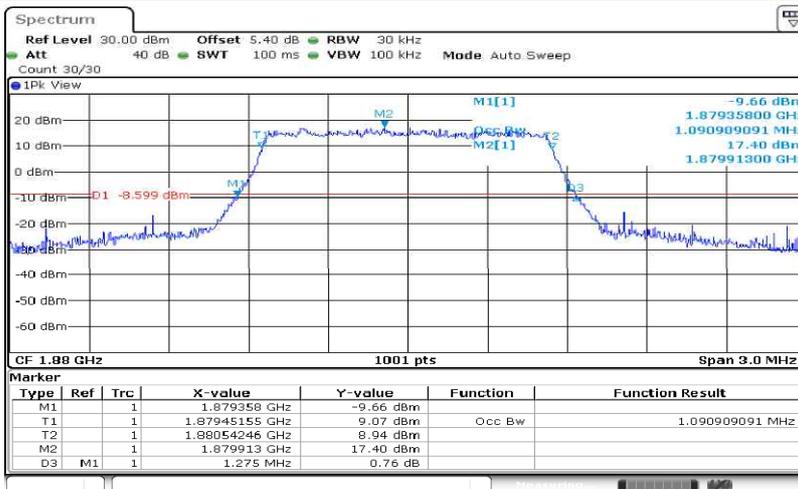
Date: 3 JUN 2020 14:02:46



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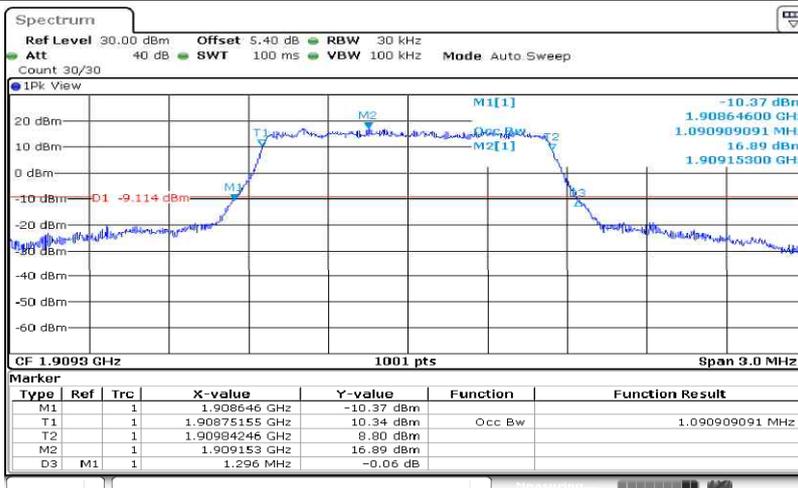


Band2-1.4MHz-16QAM-18900-6RB#0-1.091



Date: 3 JUN 2020 14:03:12

Band2-1.4MHz-16QAM-19193-6RB#0-1.091



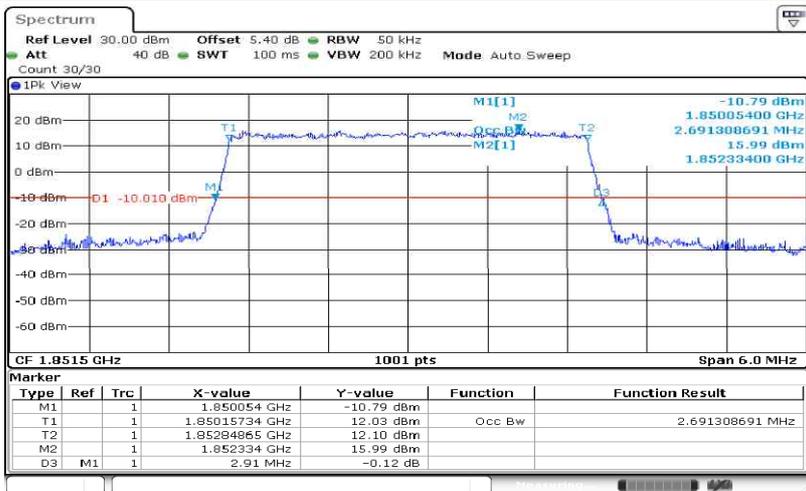
Date: 3 JUN 2020 14:04:18



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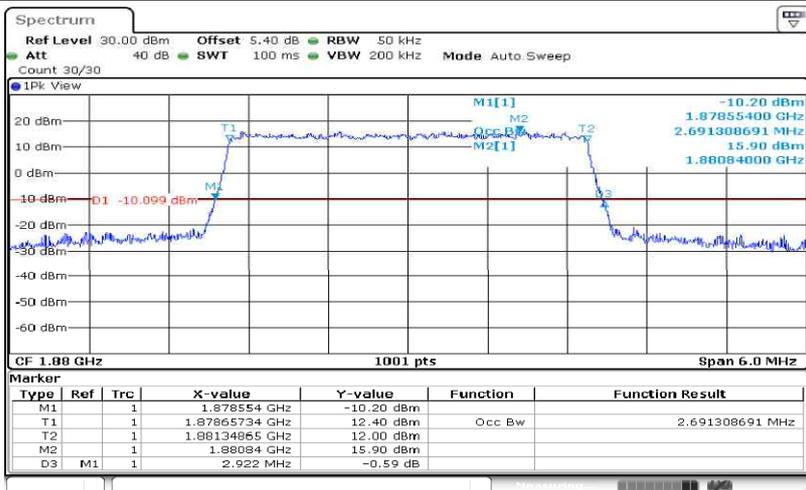


Band2-3MHz-QPSK-18615-15RB#0-2.691



Date: 3 JUN 2020 14:04:37

Band2-3MHz-QPSK-18900-15RB#0-2.691



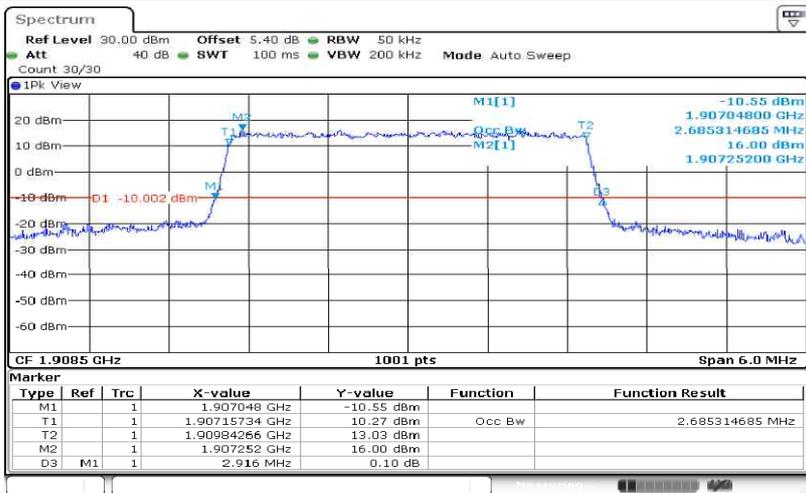
Date: 3 JUN 2020 14:05:03



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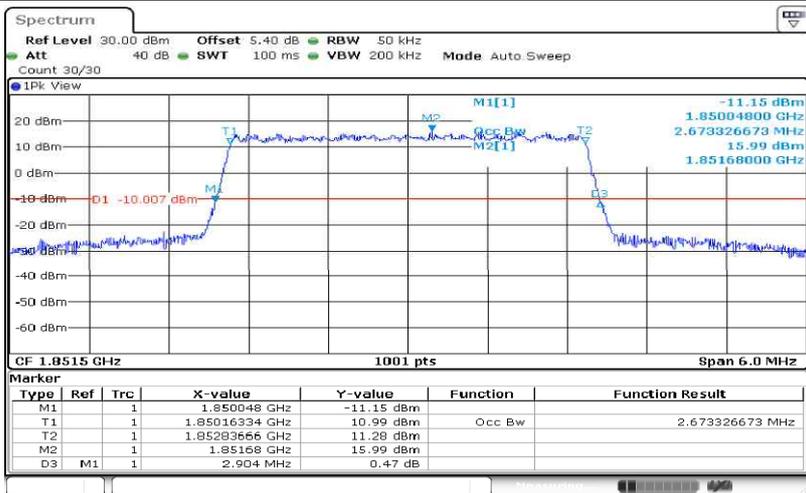


Band2-3MHz-QPSK-19185-15RB#0-2.685



Date: 3 JUN 2020 14:05:28

Band2-3MHz-16QAM-18615-15RB#0-2.673



Date: 3 JUN 2020 14:04:50



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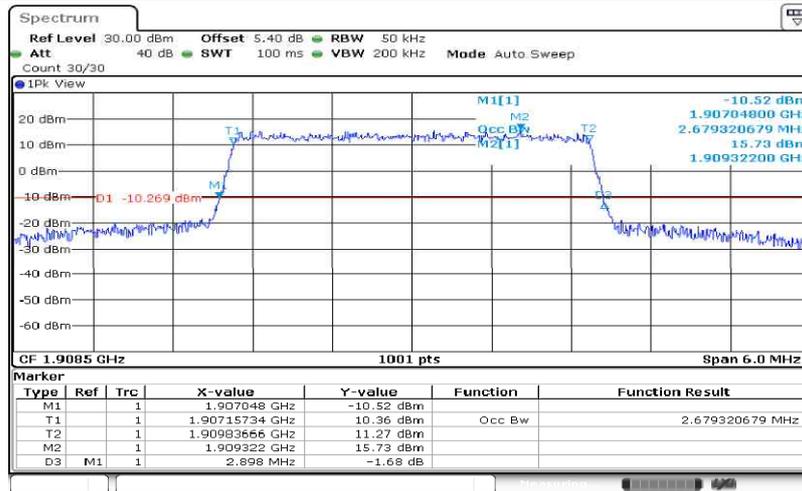


Band2-3MHz-16QAM-18900-15RB#0-2.685



Date: 3 JUN 2020 14:05:15

Band2-3MHz-16QAM-19185-15RB#0-2.679



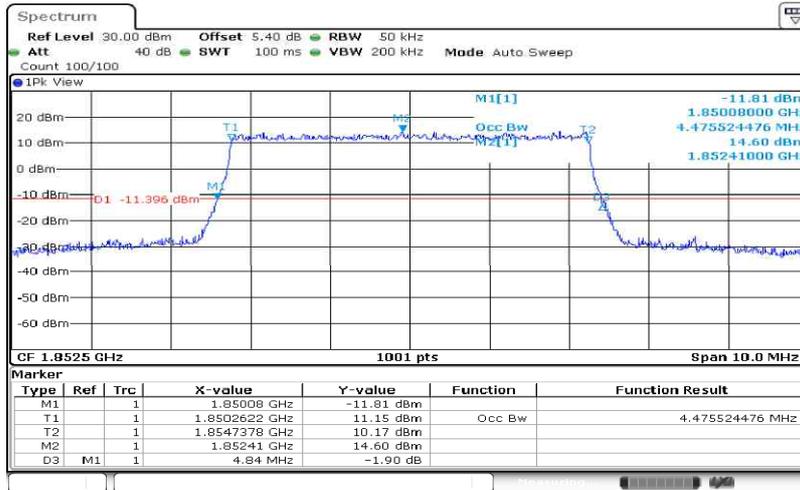
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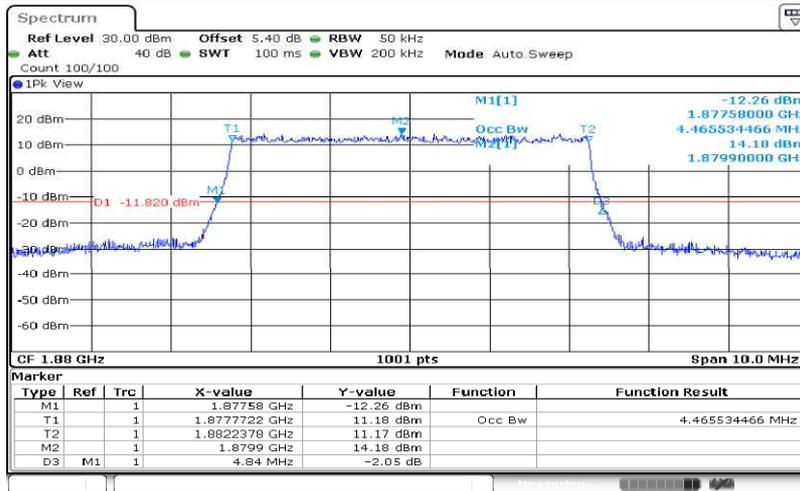
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Band2-5MHz-QPSK-18625-25RB#0-4.476



Date: 3 JUN 2020 14:06:06

Band2-5MHz-QPSK-18900-25RB#0-4.466



Date: 3 JUN 2020 14:06:46

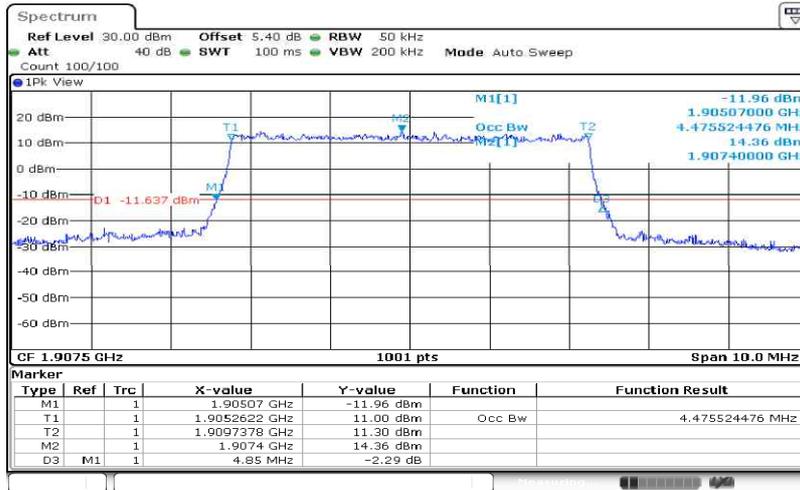


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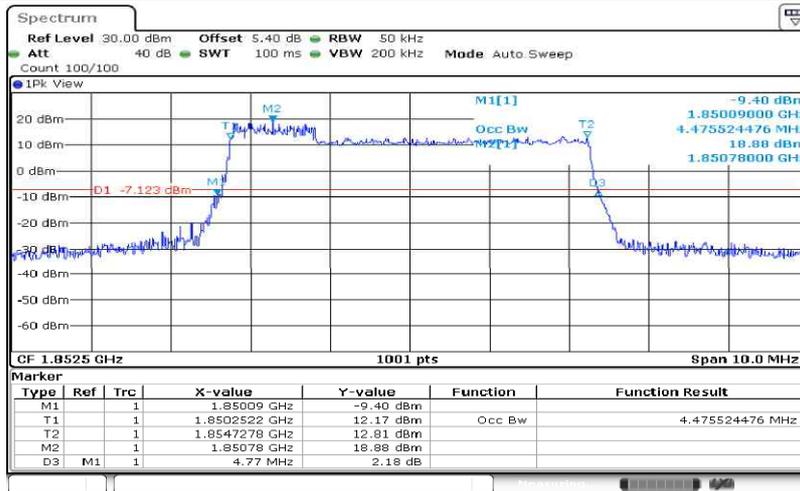


Band2-5MHz-QPSK-19175-25RB#0-4.476



Date: 3 JUN 2020 14:07:25

Band2-5MHz-16QAM-18625-25RB#0-4.476



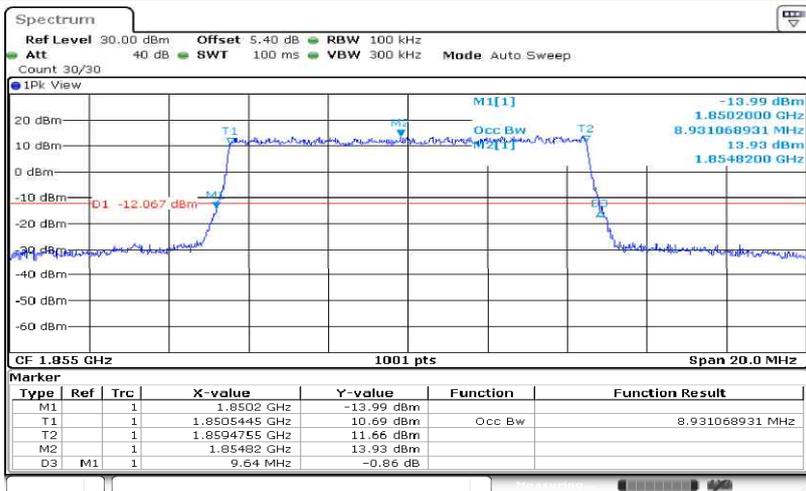
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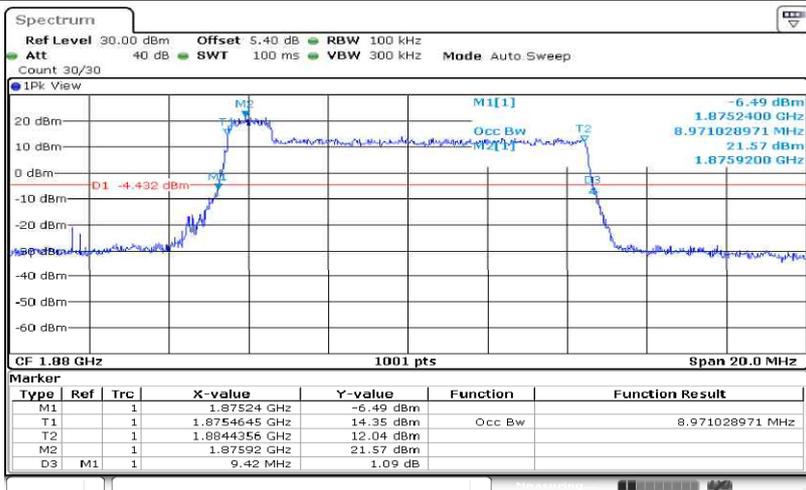


Band2-10MHz-QPSK-18650-50RB#0-8.931



Date: 3 JUN 2020 14:08:04

Band2-10MHz-QPSK-18900-50RB#0-8.971



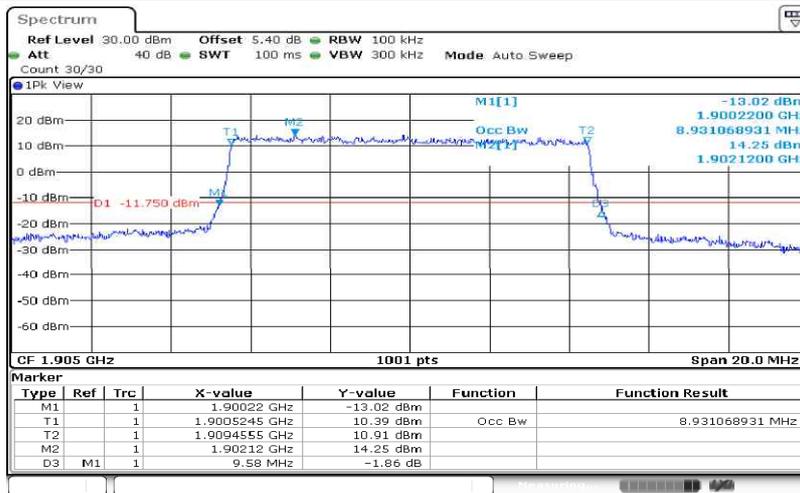
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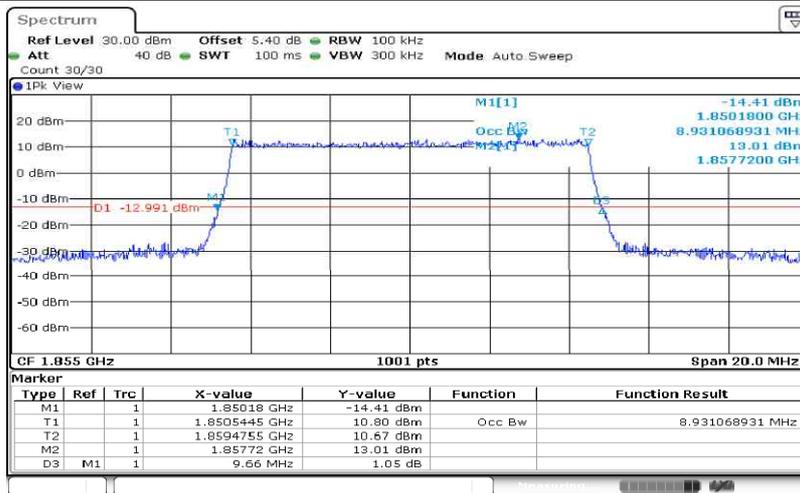


Band2-10MHz-QPSK-19150-50RB#0-8.931



Date: 3 JUN 2020 14:08:55

Band2-10MHz-16QAM-18650-50RB#0-8.931



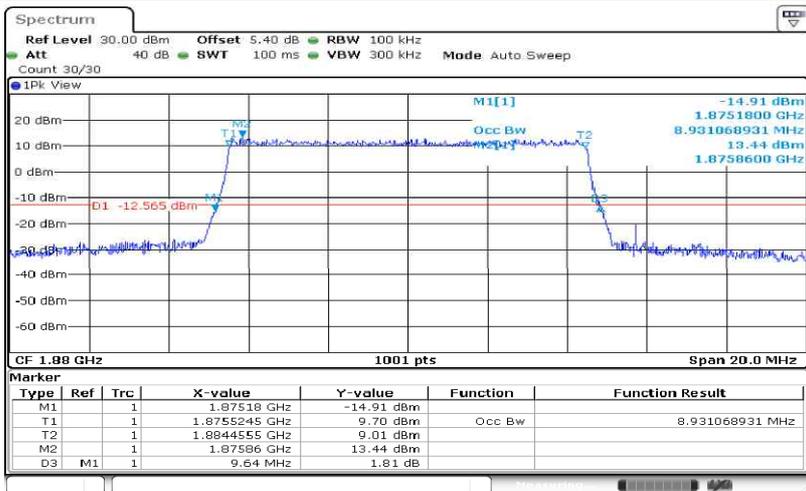
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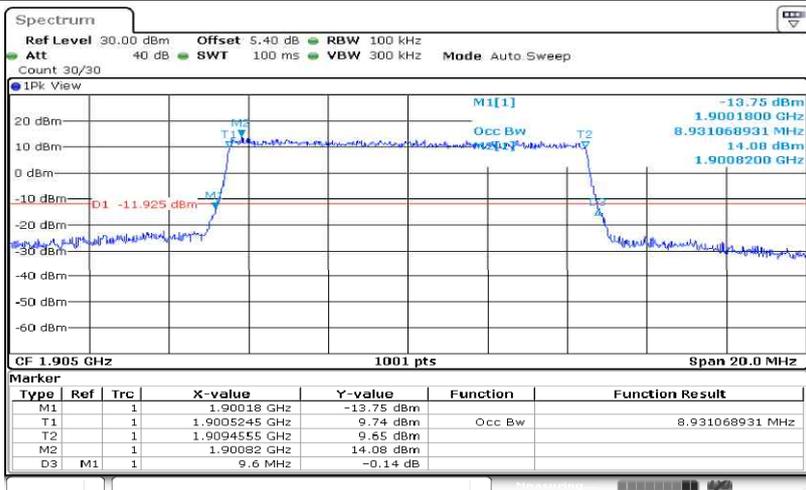


Band2-10MHz-16QAM-18900-50RB#0-8.931



Date: 3 JUN 2020 14:08:42

Band2-10MHz-16QAM-19150-50RB#0-8.931



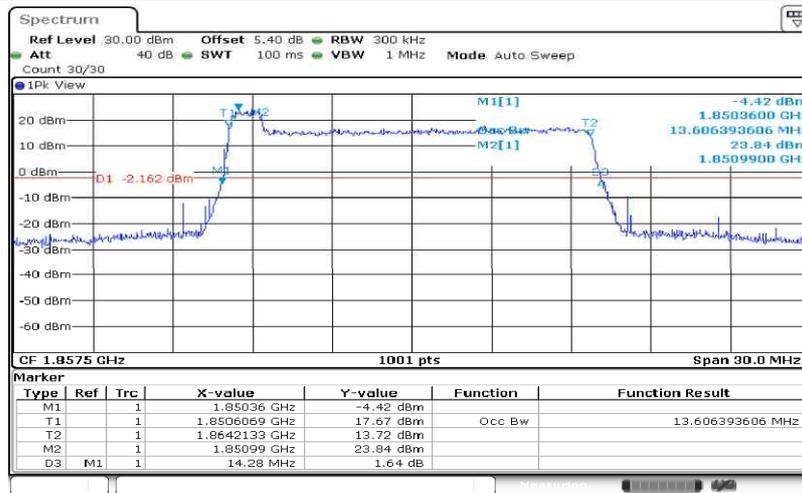
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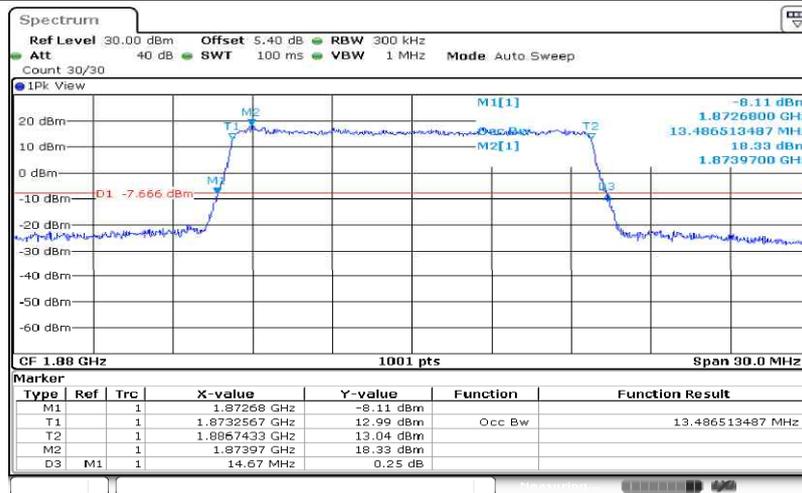


Band2-15MHz-QPSK-18675-75RB#0-13.606



Date: 3 JUN 2020 14:09:26

Band2-15MHz-QPSK-18900-75RB#0-13.487



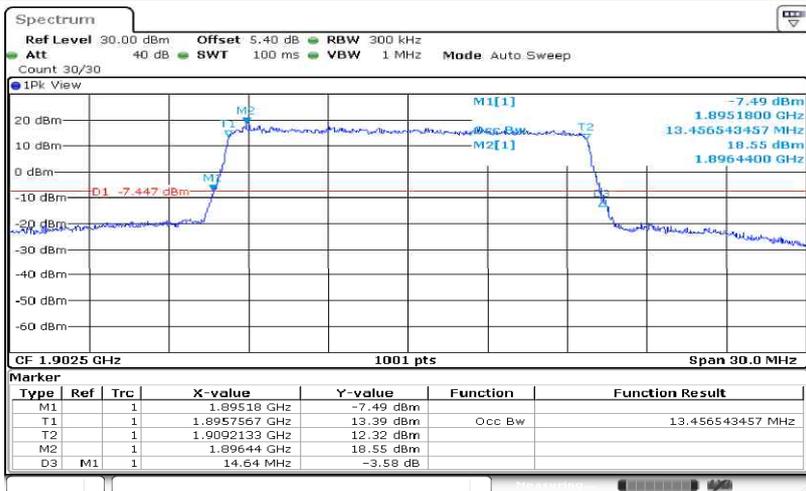
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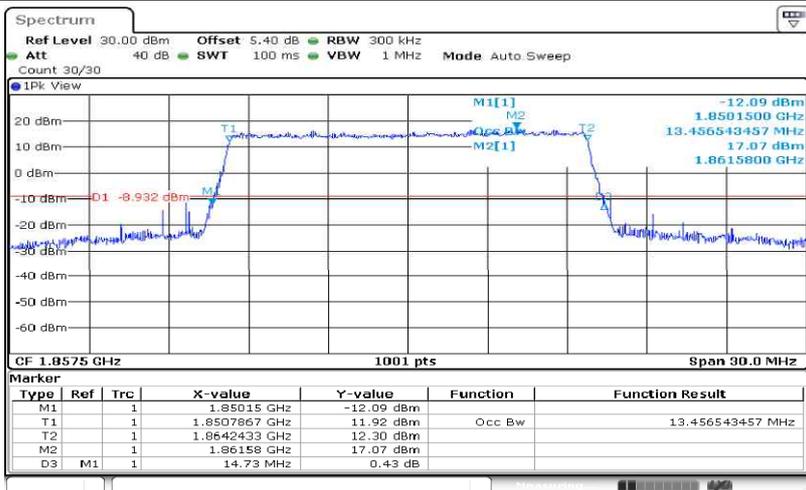


Band2-15MHz-QPSK-19125-75RB#0-13.457



Date: 3 JUN 2020 14:10:17

Band2-15MHz-16QAM-18675-75RB#0-13.457



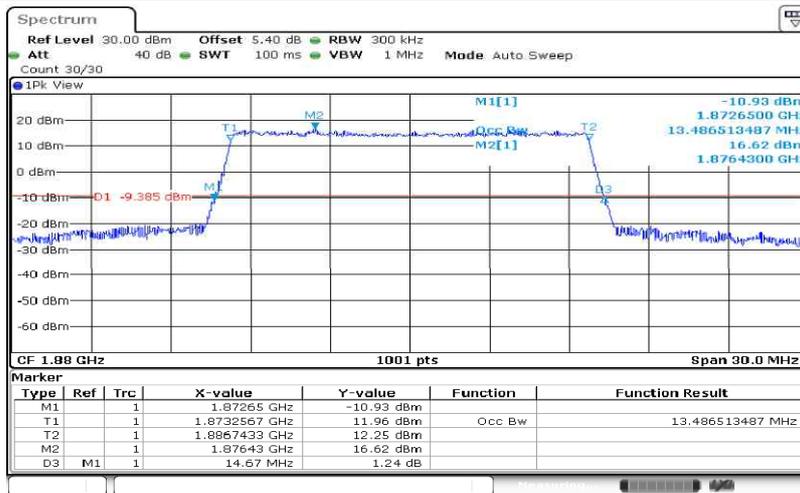
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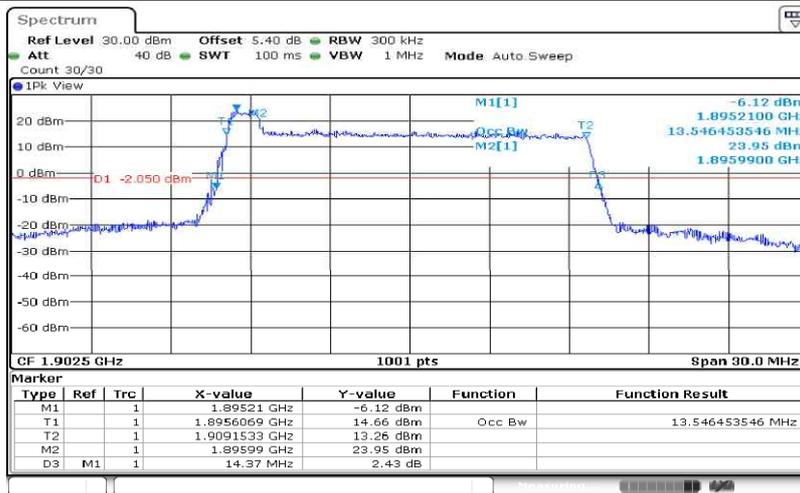


Band2-15MHz-16QAM-18900-75RB#0-13.487



Date: 3 JUN 2020 14:10:04

Band2-15MHz-16QAM-19125-75RB#0-13.546



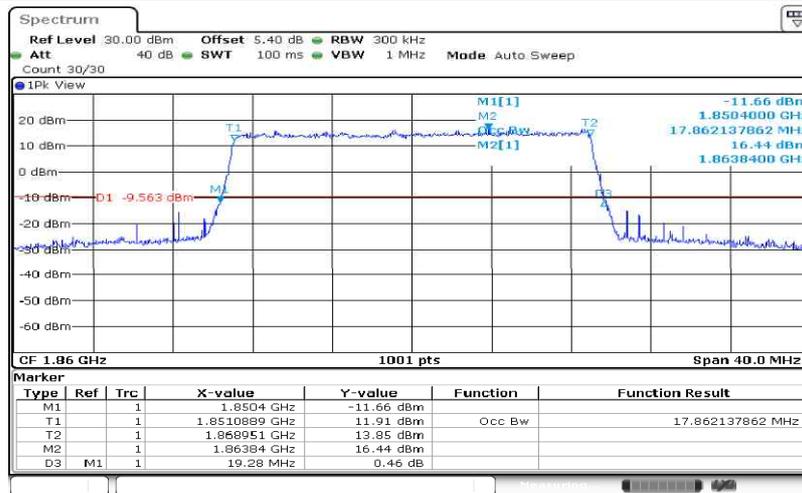
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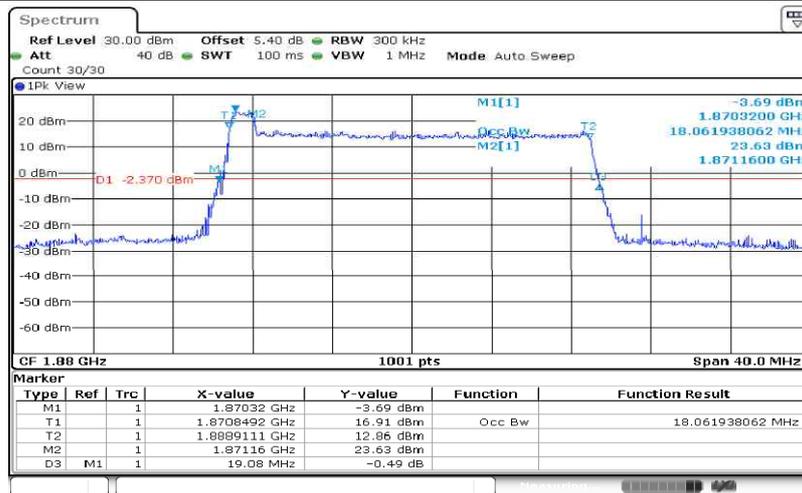


Band2-20MHz-QPSK-18700-100RB#0-17.862



Date: 3 JUN 2020 14:10:48

Band2-20MHz-QPSK-18900-100RB#0-18.062



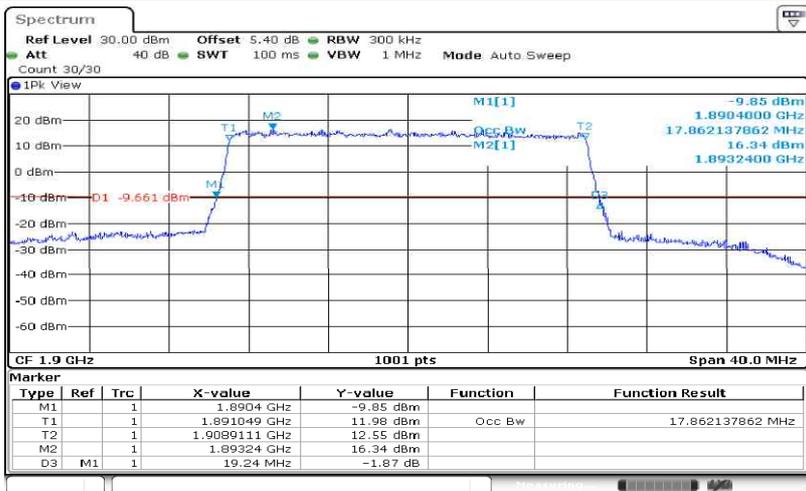
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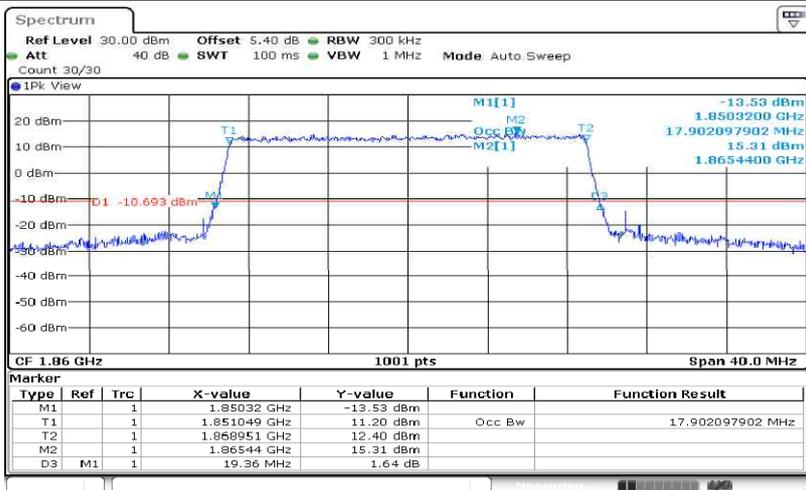


Band2-20MHz-QPSK-19100-100RB#0-17.862



Date: 3 JUN 2020 14:11:39

Band2-20MHz-16QAM-18700-100RB#0-17.902



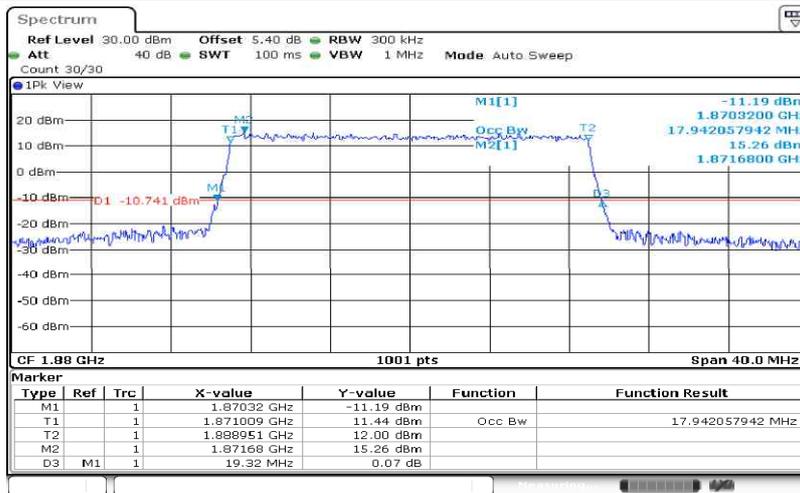
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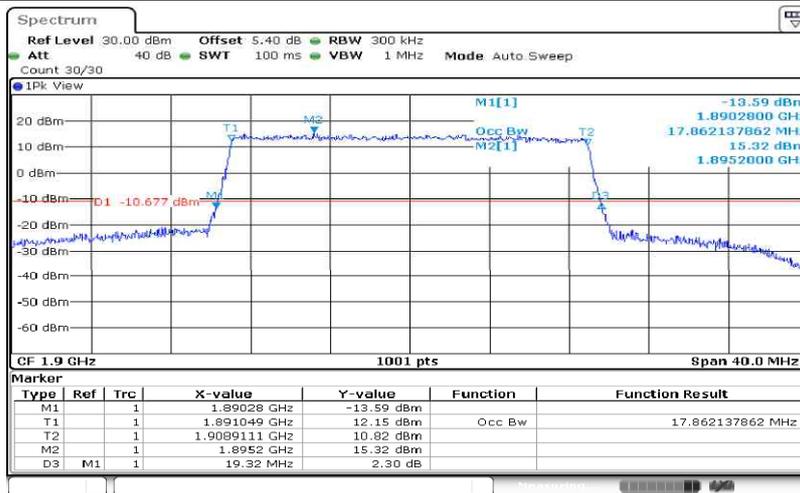


Band2-20MHz-16QAM-18900-100RB#0-17.942



Date: 3 JUN 2020 14:11:26

Band2-20MHz-16QAM-19100-100RB#0-17.862



Date: 3 JUN 2020 14:11:52

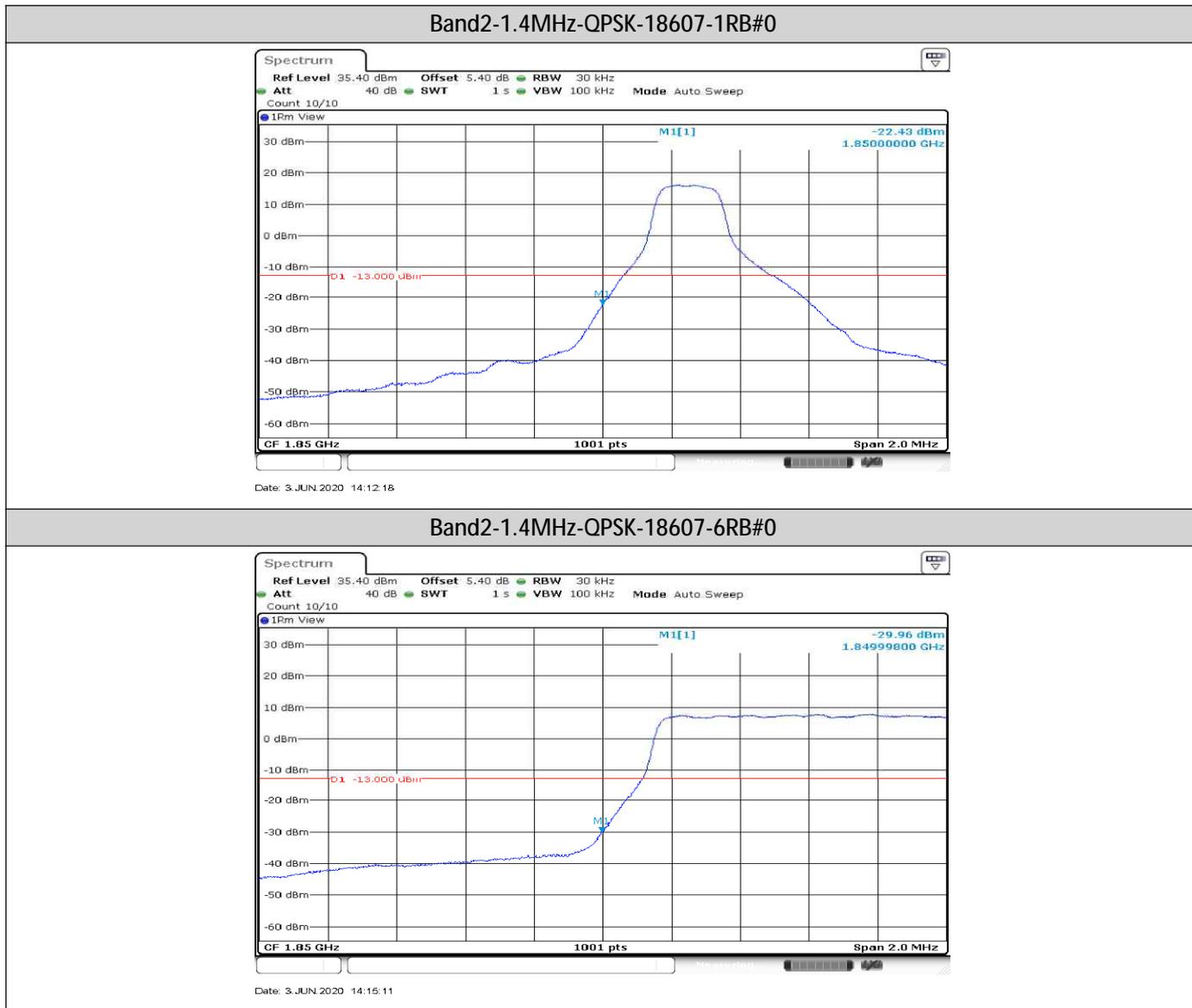


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5. Band Edge Compliance

5.1. Test Plots



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



Date: 3 JUN 2020 14:12:39

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



Date: 3 JUN 2020 14:15:31



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



Date: 3 JUN 2020 14:18:05

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



Date: 3 JUN 2020 14:20:13



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



Date: 3 JUN 2020 14:22:26

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



Date: 3 JUN 2020 14:24:34



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



Date: 3 JUN 2020 14:22:47

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



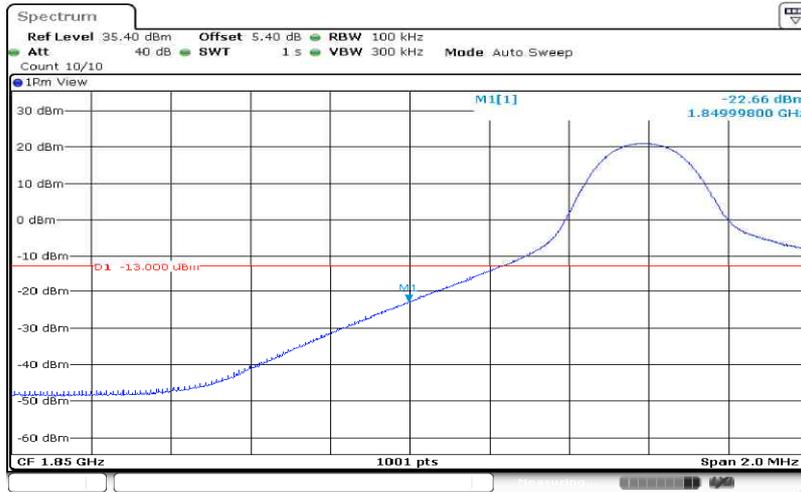
Date: 3 JUN 2020 14:24:55



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



Date: 3 JUN 2020 14:25:22

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



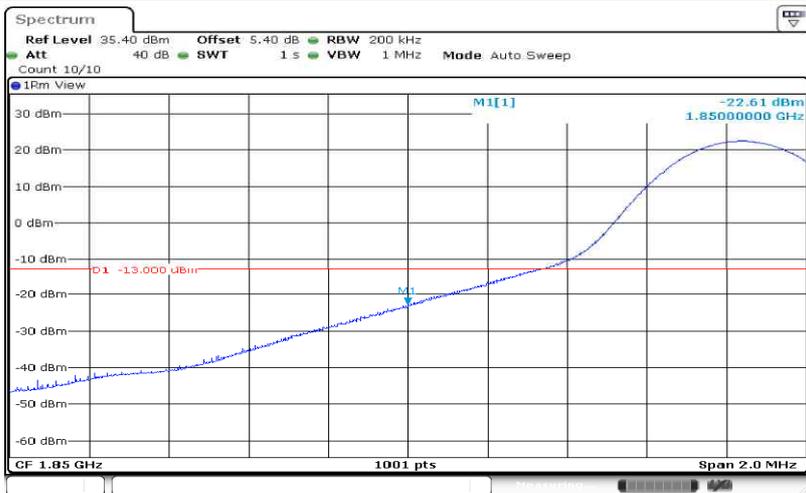
Date: 3 JUN 2020 14:28:14



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Band2-15MHz-QPSK-18675-1RB#0



Date: 3 JUN 2020 14:29:43

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



Date: 3 JUN 2020 14:32:37



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



Date: 3 JUN 2020 14:31:10

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



Date: 3 JUN 2020 14:33:19



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



Date: 3 JUN 2020 14:30:04

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



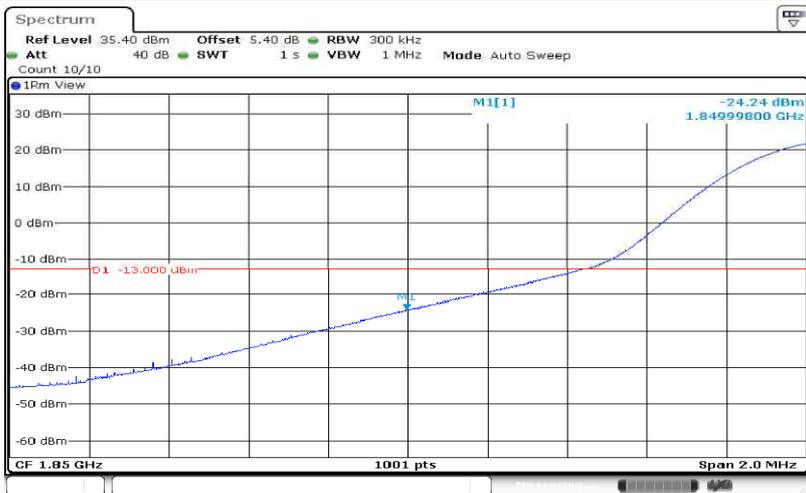
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Band2-20MHz-QPSK-18700-1RB#0



Date: 3 JUN 2020 14:34:06

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



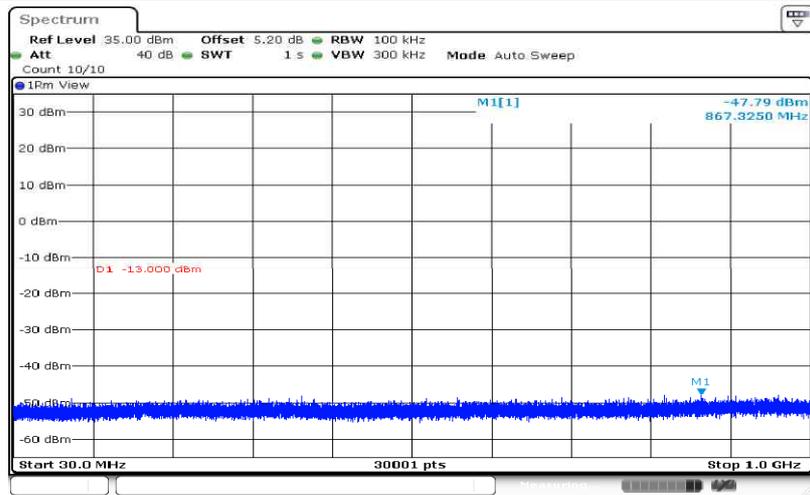
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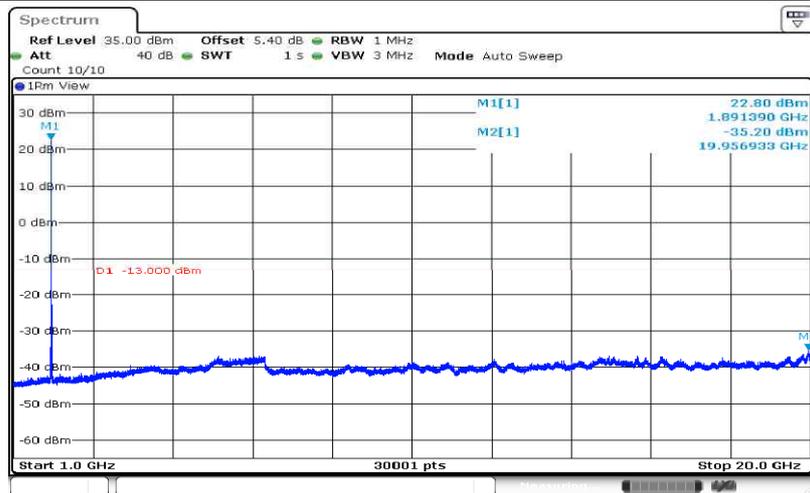


Band2-20MHz-QPSK-19100-1RB#0-Range1:30~1000MHz



Date: 3 JUN 2020 14:40:46

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



Date: 3 JUN 2020 14:41:02

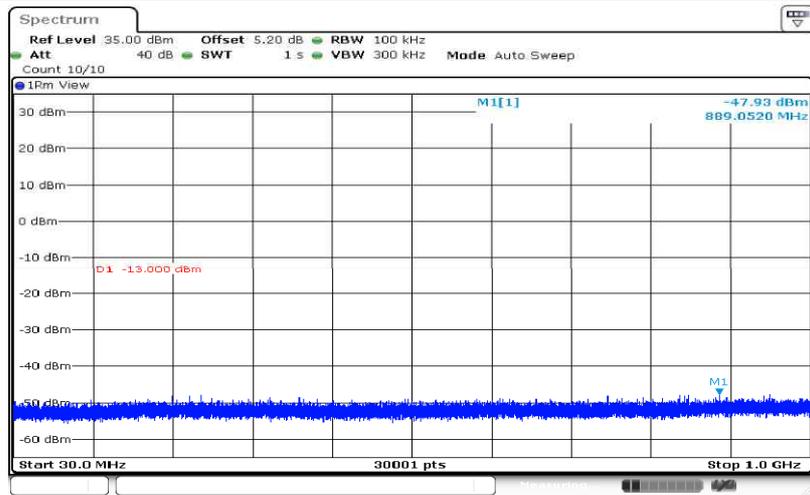


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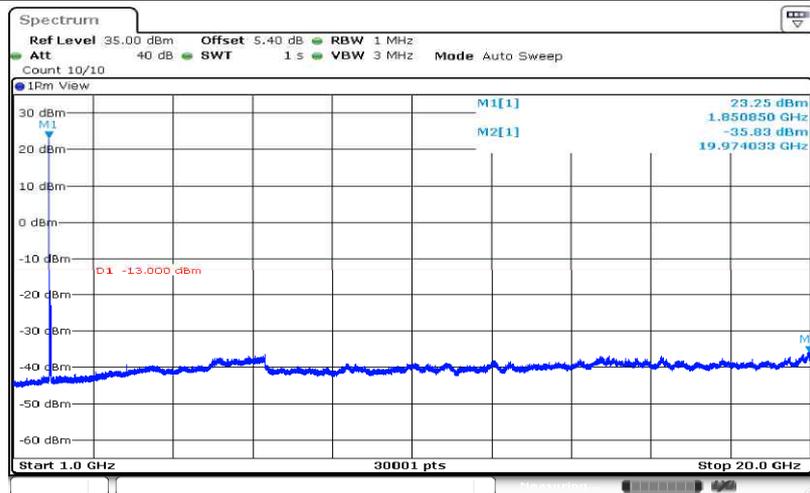


Band2-20MHz-16QAM-18700-1RB#0-Range1:30~1000MHz



Date: 3 JUN 2020 14:39:01

Band2-20MHz-16QAM-18700-1RB#0-Range2:1000~20000MHz



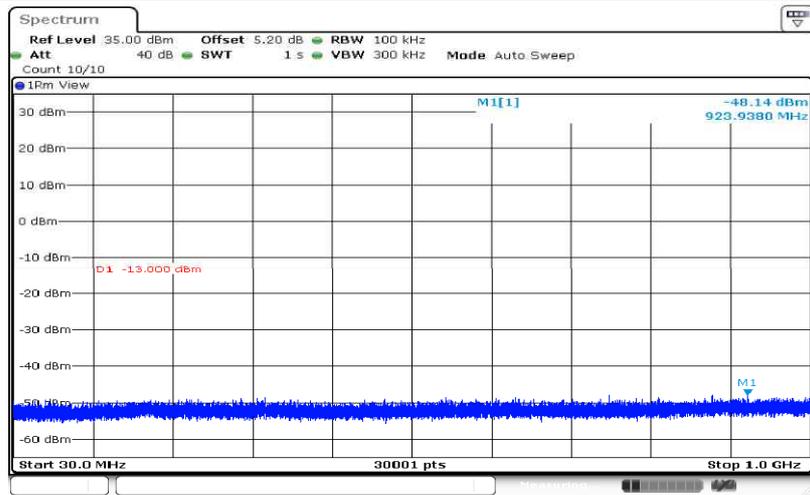
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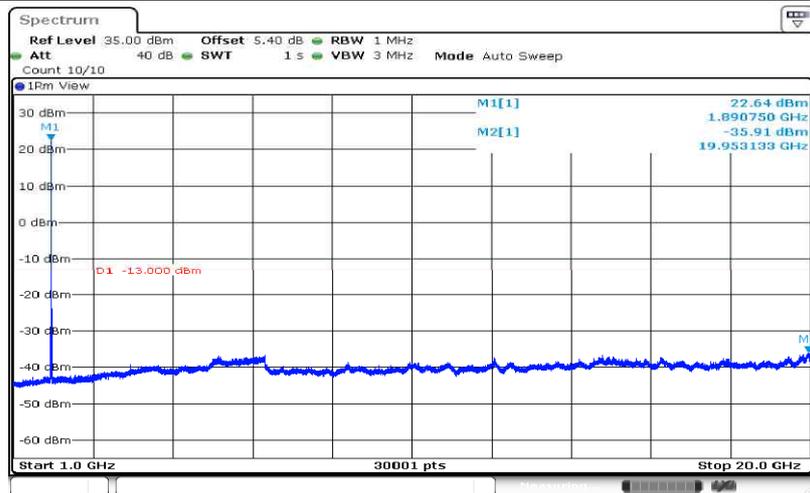


Band2-20MHz-16QAM-19100-1RB#0-Range1:30~1000MHz



Date: 3 JUN 2020 14:41:21

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



Date: 3 JUN 2020 14:41:37



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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 20MHz

7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
107.3614	-66.04	-13.00	53.04	Vertical
761.9501	-63.09	-13.00	50.09	Vertical
2709.9420	-37.96	-13.00	24.96	Vertical
3738.0246	-61.33	-13.00	48.33	Vertical
14491.8831	-48.10	-13.00	35.10	Vertical
17996.9999	-40.50	-13.00	27.50	Vertical
42.1741	-63.93	-13.00	50.93	Horizontal
238.8514	-69.03	-13.00	56.03	Horizontal
2700.7401	-36.63	-13.00	23.63	Horizontal
3737.5246	-59.37	-13.00	46.37	Horizontal
7447.1482	-56.50	-13.00	43.50	Horizontal
16399.9467	-43.92	-13.00	30.92	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
110.2230	-65.42	-13.00	52.42	Vertical
744.9257	-63.27	-13.00	50.27	Vertical
2579.9160	-37.01	-13.00	24.01	Vertical
3778.0259	-59.82	-13.00	46.82	Vertical
14488.8830	-48.08	-13.00	35.08	Vertical
17999.0000	-40.32	-13.00	27.32	Vertical
43.3382	-63.78	-13.00	50.78	Horizontal
233.7587	-68.98	-13.00	55.98	Horizontal
2695.1390	-36.75	-13.00	23.75	Horizontal
3777.5259	-57.75	-13.00	44.75	Horizontal
9330.7110	-52.58	-13.00	39.58	Horizontal
16393.9465	-44.13	-13.00	31.13	Horizontal



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7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
110.1745	-64.51	-13.00	51.51	Vertical
741.0456	-63.56	-13.00	50.56	Vertical
2588.3177	-37.80	-13.00	24.80	Vertical
3818.0273	-57.95	-13.00	44.95	Vertical
14489.3830	-47.57	-13.00	34.57	Vertical
17994.4998	-40.50	-13.00	27.50	Vertical
42.8046	-64.36	-13.00	51.36	Horizontal
232.4006	-68.50	-13.00	55.50	Horizontal
2697.9396	-36.60	-13.00	23.60	Horizontal
3817.5273	-54.24	-13.00	41.24	Horizontal
9314.2105	-53.03	-13.00	40.03	Horizontal
16385.4462	-44.16	-13.00	31.16	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	-2.10	-0.001129	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VN	NT	-2.20	-0.001183	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VH	NT	-2.10	-0.001129	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	-13.10	-0.006968	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	-13.60	-0.007234	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	-12.20	-0.006489	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VL	NT	-10.00	-0.005263	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VN	NT	-1.90	-0.001000	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VH	NT	-0.80	-0.000421	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VL	NT	-8.70	-0.004677	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VN	NT	-11.10	-0.005968	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VH	NT	-8.00	-0.004301	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VL	NT	-6.90	-0.003670	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VN	NT	-6.90	-0.003670	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VH	NT	-8.70	-0.004628	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VL	NT	-3.20	-0.001684	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VN	NT	-8.40	-0.004421	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VH	NT	-3.20	-0.001684	±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	-1.20	-0.000645	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-20	-9.60	-0.005161	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	0	-1.30	-0.000699	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	10	-3.30	-0.001774	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	20	-0.90	-0.000484	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	30	-2.40	-0.001290	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	40	-4.60	-0.002473	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	50	-9.10	-0.004892	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	-15.50	-0.008245	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	-8.40	-0.004468	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	-9.50	-0.005053	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	-1.10	-0.000585	±2.5	PASS



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Band2	20MHz	QPSK	18900	100RB#0	NV	20	-4.30	-0.002287	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	-8.30	-0.004415	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	-9.50	-0.005053	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	-9.70	-0.005160	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-30	-1.90	-0.001000	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-20	2.20	0.001158	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	0	-11.00	-0.005789	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	10	-9.00	-0.004737	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	20	1.70	0.000895	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	30	-5.10	-0.002684	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	40	-2.80	-0.001474	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	50	-2.10	-0.001105	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-30	-3.30	-0.001774	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-20	-3.10	-0.001667	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	0	-8.80	-0.004731	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	10	2.70	0.001452	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	20	-9.30	-0.005000	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	30	-4.90	-0.002634	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	40	-3.50	-0.001882	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	50	-8.00	-0.004301	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-30	-15.10	-0.008032	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-20	-14.50	-0.007713	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	0	-7.50	-0.003989	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	10	-4.80	-0.002553	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	20	-11.30	-0.006011	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	30	-12.90	-0.006862	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	40	-6.40	-0.003404	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	50	-4.50	-0.002394	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-30	-2.80	-0.001474	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-20	-3.70	-0.001947	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	0	-7.30	-0.003842	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	10	-4.50	-0.002368	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	20	-12.70	-0.006684	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	30	-2.00	-0.001053	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	40	-10.30	-0.005421	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	50	-3.70	-0.001947	±2.5	PASS



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