



# 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	EIRP	Limit	Verdict
					Power(dBm)	(dBm)	(dBm)	
Band2	1.4MHz	QPSK	18607	1RB#2	23.38	23.4	33	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	23.28	23.3	33	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	23.27	23.29	33	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	23.38	23.4	33	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	23.36	23.38	33	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	23.44	23.46	33	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.36	22.38	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	23.19	23.21	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	23.31	23.33	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	23.19	23.21	33	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	23.32	23.34	33	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	23.29	23.31	33	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	23.3	23.32	33	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.29	22.31	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	23.09	23.11	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	23.25	23.27	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	23.1	23.12	33	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	23.24	23.26	33	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	23.2	23.22	33	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	23.17	23.19	33	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	22.21	22.23	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#2	8.5	8.52	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#5	21.4	21.42	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	8.29	8.31	33	PASS
Band2	1.4MHz	64QAM	18607	3RB#0	21.44	21.46	33	PASS
Band2	1.4MHz	64QAM	18607	3RB#1	21.49	21.51	33	PASS
Band2	1.4MHz	64QAM	18607	3RB#3	21.45	21.47	33	PASS



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Band2	1.4MHz	64QAM	18607	6RB#0	20.32	20.34	33	PASS
Band2	1.4MHz	64QAM	18900	1RB#5	21.33	21.35	33	PASS
Band2	1.4MHz	64QAM	18900	1RB#2	21.42	21.44	33	PASS
Band2	1.4MHz	64QAM	18900	1RB#0	21.32	21.34	33	PASS
Band2	1.4MHz	64QAM	18900	3RB#1	21.4	21.42	33	PASS
Band2	1.4MHz	64QAM	18900	3RB#3	21.35	21.37	33	PASS
Band2	1.4MHz	64QAM	18900	3RB#0	21.33	21.35	33	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	20.29	20.31	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	21.16	21.18	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	21.19	21.21	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#2	21.29	21.31	33	PASS
Band2	1.4MHz	64QAM	19193	3RB#0	21.22	21.24	33	PASS
Band2	1.4MHz	64QAM	19193	3RB#1	21.27	21.29	33	PASS
Band2	1.4MHz	64QAM	19193	3RB#3	21.28	21.3	33	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	20.17	20.19	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.48	22.5	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.53	22.55	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	22.45	22.47	33	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	22.4	22.42	33	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	22.46	22.48	33	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	22.42	22.44	33	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.45	21.47	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.35	22.37	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	22.48	22.5	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.63	22.65	33	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	22.33	22.35	33	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	22.36	22.38	33	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	22.34	22.36	33	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	21.36	21.38	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	22.33	22.35	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	22.19	22.21	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	22.38	22.4	33	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	22.17	22.19	33	PASS



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Band2	1.4MHz	16QAM	19193	3RB#1	22.21	22.23	33	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	22.19	22.21	33	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	21.3	21.32	33	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.32	23.34	33	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.33	23.35	33	PASS
Band2	3MHz	QPSK	18615	1RB#14	23.28	23.3	33	PASS
Band2	3MHz	QPSK	18615	8RB#7	22.29	22.31	33	PASS
Band2	3MHz	QPSK	18615	8RB#0	22.36	22.38	33	PASS
Band2	3MHz	QPSK	18615	8RB#4	22.36	22.38	33	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.3	22.32	33	PASS
Band2	3MHz	QPSK	18900	1RB#8	23.24	23.26	33	PASS
Band2	3MHz	QPSK	18900	1RB#14	23.22	23.24	33	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.25	23.27	33	PASS
Band2	3MHz	QPSK	18900	8RB#4	22.28	22.3	33	PASS
Band2	3MHz	QPSK	18900	8RB#7	22.26	22.28	33	PASS
Band2	3MHz	QPSK	18900	8RB#0	22.26	22.28	33	PASS
Band2	3MHz	QPSK	18900	15RB#0	22.25	22.27	33	PASS
Band2	3MHz	QPSK	19185	1RB#8	23.14	23.16	33	PASS
Band2	3MHz	QPSK	19185	1RB#0	23.14	23.16	33	PASS
Band2	3MHz	QPSK	19185	1RB#14	23.13	23.15	33	PASS
Band2	3MHz	QPSK	19185	8RB#7	22.18	22.2	33	PASS
Band2	3MHz	QPSK	19185	8RB#4	22.22	22.24	33	PASS
Band2	3MHz	QPSK	19185	8RB#0	22.19	22.21	33	PASS
Band2	3MHz	QPSK	19185	15RB#0	22.21	22.23	33	PASS
Band2	3MHz	64QAM	18615	1RB#0	21.41	21.43	33	PASS
Band2	3MHz	64QAM	18615	1RB#8	21.47	21.49	33	PASS
Band2	3MHz	64QAM	18615	1RB#14	21.39	21.41	33	PASS
Band2	3MHz	64QAM	18615	8RB#0	20.34	20.36	33	PASS
Band2	3MHz	64QAM	18615	8RB#4	20.33	20.35	33	PASS
Band2	3MHz	64QAM	18615	8RB#7	20.31	20.33	33	PASS
Band2	3MHz	64QAM	18615	15RB#0	20.28	20.3	33	PASS
Band2	3MHz	64QAM	18900	1RB#14	21.32	21.34	33	PASS
Band2	3MHz	64QAM	18900	1RB#0	21.33	21.35	33	PASS



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Band2	3MHz	64QAM	18900	1RB#8	21.32	21.34	33	PASS
Band2	3MHz	64QAM	18900	8RB#0	20.27	20.29	33	PASS
Band2	3MHz	64QAM	18900	8RB#7	20.23	20.25	33	PASS
Band2	3MHz	64QAM	18900	8RB#4	20.27	20.29	33	PASS
Band2	3MHz	64QAM	18900	15RB#0	20.25	20.27	33	PASS
Band2	3MHz	64QAM	19185	1RB#0	21.23	21.25	33	PASS
Band2	3MHz	64QAM	19185	1RB#8	21.22	21.24	33	PASS
Band2	3MHz	64QAM	19185	1RB#14	21.17	21.19	33	PASS
Band2	3MHz	64QAM	19185	8RB#7	20.15	20.17	33	PASS
Band2	3MHz	64QAM	19185	8RB#0	20.14	20.16	33	PASS
Band2	3MHz	64QAM	19185	8RB#4	20.16	20.18	33	PASS
Band2	3MHz	64QAM	19185	15RB#0	20.12	20.14	33	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.55	22.57	33	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.58	22.6	33	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.43	22.45	33	PASS
Band2	3MHz	16QAM	18615	8RB#7	21.37	21.39	33	PASS
Band2	3MHz	16QAM	18615	8RB#0	21.42	21.44	33	PASS
Band2	3MHz	16QAM	18615	8RB#4	21.44	21.46	33	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.32	21.34	33	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.46	22.48	33	PASS
Band2	3MHz	16QAM	18900	1RB#8	22.44	22.46	33	PASS
Band2	3MHz	16QAM	18900	1RB#0	22.51	22.53	33	PASS
Band2	3MHz	16QAM	18900	8RB#4	21.36	21.38	33	PASS
Band2	3MHz	16QAM	18900	8RB#0	21.34	21.36	33	PASS
Band2	3MHz	16QAM	18900	8RB#7	21.34	21.36	33	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.25	21.27	33	PASS
Band2	3MHz	16QAM	19185	1RB#0	22.31	22.33	33	PASS
Band2	3MHz	16QAM	19185	1RB#8	22.25	22.27	33	PASS
Band2	3MHz	16QAM	19185	1RB#14	22.34	22.36	33	PASS
Band2	3MHz	16QAM	19185	8RB#0	21.26	21.28	33	PASS
Band2	3MHz	16QAM	19185	8RB#4	21.29	21.31	33	PASS
Band2	3MHz	16QAM	19185	8RB#7	21.25	21.27	33	PASS
Band2	3MHz	16QAM	19185	15RB#0	21.18	21.2	33	PASS



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Band2	5MHz	QPSK	18625	1RB#12	23.5	23.52	33	PASS
Band2	5MHz	QPSK	18625	1RB#0	23.26	23.28	33	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.19	23.21	33	PASS
Band2	5MHz	QPSK	18625	12RB#13	22.33	22.35	33	PASS
Band2	5MHz	QPSK	18625	12RB#6	22.39	22.41	33	PASS
Band2	5MHz	QPSK	18625	12RB#0	22.33	22.35	33	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.35	22.37	33	PASS
Band2	5MHz	QPSK	18900	1RB#0	23.15	23.17	33	PASS
Band2	5MHz	QPSK	18900	1RB#24	23.13	23.15	33	PASS
Band2	5MHz	QPSK	18900	1RB#12	23.39	23.41	33	PASS
Band2	5MHz	QPSK	18900	12RB#0	22.28	22.3	33	PASS
Band2	5MHz	QPSK	18900	12RB#13	22.25	22.27	33	PASS
Band2	5MHz	QPSK	18900	12RB#6	22.32	22.34	33	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.27	22.29	33	PASS
Band2	5MHz	QPSK	19175	1RB#24	23.05	23.07	33	PASS
Band2	5MHz	QPSK	19175	1RB#0	23.07	23.09	33	PASS
Band2	5MHz	QPSK	19175	1RB#12	23.27	23.29	33	PASS
Band2	5MHz	QPSK	19175	12RB#0	22.15	22.17	33	PASS
Band2	5MHz	QPSK	19175	12RB#6	22.25	22.27	33	PASS
Band2	5MHz	QPSK	19175	12RB#13	22.19	22.21	33	PASS
Band2	5MHz	QPSK	19175	25RB#0	22.2	22.22	33	PASS
Band2	5MHz	64QAM	18625	1RB#24	21.28	21.3	33	PASS
Band2	5MHz	64QAM	18625	1RB#0	21.37	21.39	33	PASS
Band2	5MHz	64QAM	18625	1RB#12	21.58	21.6	33	PASS
Band2	5MHz	64QAM	18625	12RB#0	20.29	20.31	33	PASS
Band2	5MHz	64QAM	18625	12RB#13	20.31	20.33	33	PASS
Band2	5MHz	64QAM	18625	12RB#6	20.35	20.37	33	PASS
Band2	5MHz	64QAM	18625	25RB#0	20.33	20.35	33	PASS
Band2	5MHz	64QAM	18900	1RB#12	21.49	21.51	33	PASS
Band2	5MHz	64QAM	18900	1RB#0	21.27	21.29	33	PASS
Band2	5MHz	64QAM	18900	1RB#24	21.21	21.23	33	PASS
Band2	5MHz	64QAM	18900	12RB#0	20.24	20.26	33	PASS
Band2	5MHz	64QAM	18900	12RB#6	20.29	20.31	33	PASS



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Band2	5MHz	64QAM	18900	12RB#13	20.17	20.19	33	PASS
Band2	5MHz	64QAM	18900	25RB#0	20.21	20.23	33	PASS
Band2	5MHz	64QAM	19175	1RB#12	21.45	21.47	33	PASS
Band2	5MHz	64QAM	19175	1RB#0	21.13	21.15	33	PASS
Band2	5MHz	64QAM	19175	1RB#24	21.08	21.1	33	PASS
Band2	5MHz	64QAM	19175	12RB#13	20.09	20.11	33	PASS
Band2	5MHz	64QAM	19175	12RB#6	20.19	20.21	33	PASS
Band2	5MHz	64QAM	19175	12RB#0	20.08	20.1	33	PASS
Band2	5MHz	64QAM	19175	25RB#0	20.15	20.17	33	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.38	22.4	33	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.62	22.64	33	PASS
Band2	5MHz	16QAM	18625	1RB#0	22.39	22.41	33	PASS
Band2	5MHz	16QAM	18625	12RB#0	21.38	21.4	33	PASS
Band2	5MHz	16QAM	18625	12RB#6	21.41	21.43	33	PASS
Band2	5MHz	16QAM	18625	12RB#13	21.38	21.4	33	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.36	21.38	33	PASS
Band2	5MHz	16QAM	18900	1RB#24	22.38	22.4	33	PASS
Band2	5MHz	16QAM	18900	1RB#12	22.67	22.69	33	PASS
Band2	5MHz	16QAM	18900	1RB#0	22.36	22.38	33	PASS
Band2	5MHz	16QAM	18900	12RB#6	21.37	21.39	33	PASS
Band2	5MHz	16QAM	18900	12RB#0	21.33	21.35	33	PASS
Band2	5MHz	16QAM	18900	12RB#13	21.3	21.32	33	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.3	21.32	33	PASS
Band2	5MHz	16QAM	19175	1RB#24	22.21	22.23	33	PASS
Band2	5MHz	16QAM	19175	1RB#0	22.27	22.29	33	PASS
Band2	5MHz	16QAM	19175	1RB#12	22.55	22.57	33	PASS
Band2	5MHz	16QAM	19175	12RB#0	21.18	21.2	33	PASS
Band2	5MHz	16QAM	19175	12RB#6	21.27	21.29	33	PASS
Band2	5MHz	16QAM	19175	12RB#13	21.2	21.22	33	PASS
Band2	5MHz	16QAM	19175	25RB#0	21.21	21.23	33	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.34	23.36	33	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.44	23.46	33	PASS
Band2	10MHz	QPSK	18650	1RB#49	23.3	23.32	33	PASS



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Band2	10MHz	QPSK	18650	25RB#0	22.42	22.44	33	PASS
Band2	10MHz	QPSK	18650	25RB#12	22.41	22.43	33	PASS
Band2	10MHz	QPSK	18650	25RB#25	22.43	22.45	33	PASS
Band2	10MHz	QPSK	18650	50RB#0	22.43	22.45	33	PASS
Band2	10MHz	QPSK	18900	1RB#0	23.27	23.29	33	PASS
Band2	10MHz	QPSK	18900	1RB#24	23.38	23.4	33	PASS
Band2	10MHz	QPSK	18900	1RB#49	23.23	23.25	33	PASS
Band2	10MHz	QPSK	18900	25RB#12	22.35	22.37	33	PASS
Band2	10MHz	QPSK	18900	25RB#25	22.33	22.35	33	PASS
Band2	10MHz	QPSK	18900	25RB#0	22.36	22.38	33	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.34	22.36	33	PASS
Band2	10MHz	QPSK	19150	1RB#0	23.2	23.22	33	PASS
Band2	10MHz	QPSK	19150	1RB#24	23.29	23.31	33	PASS
Band2	10MHz	QPSK	19150	1RB#49	23.16	23.18	33	PASS
Band2	10MHz	QPSK	19150	25RB#0	22.26	22.28	33	PASS
Band2	10MHz	QPSK	19150	25RB#12	22.27	22.29	33	PASS
Band2	10MHz	QPSK	19150	25RB#25	22.32	22.34	33	PASS
Band2	10MHz	QPSK	19150	50RB#0	22.28	22.3	33	PASS
Band2	10MHz	64QAM	18650	1RB#0	21.42	21.44	33	PASS
Band2	10MHz	64QAM	18650	1RB#49	21.37	21.39	33	PASS
Band2	10MHz	64QAM	18650	1RB#24	21.57	21.59	33	PASS
Band2	10MHz	64QAM	18650	25RB#12	20.4	20.42	33	PASS
Band2	10MHz	64QAM	18650	25RB#0	20.42	20.44	33	PASS
Band2	10MHz	64QAM	18650	25RB#25	20.38	20.4	33	PASS
Band2	10MHz	64QAM	18650	50RB#0	20.36	20.38	33	PASS
Band2	10MHz	64QAM	18900	1RB#0	21.36	21.38	33	PASS
Band2	10MHz	64QAM	18900	1RB#49	21.29	21.31	33	PASS
Band2	10MHz	64QAM	18900	1RB#24	21.46	21.48	33	PASS
Band2	10MHz	64QAM	18900	25RB#0	20.33	20.35	33	PASS
Band2	10MHz	64QAM	18900	25RB#12	20.34	20.36	33	PASS
Band2	10MHz	64QAM	18900	25RB#25	20.25	20.27	33	PASS
Band2	10MHz	64QAM	18900	50RB#0	20.29	20.31	33	PASS
Band2	10MHz	64QAM	19150	1RB#49	21.23	21.25	33	PASS



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Band2	10MHz	64QAM	19150	1RB#24	21.35	21.37	33	PASS
Band2	10MHz	64QAM	19150	1RB#0	21.28	21.3	33	PASS
Band2	10MHz	64QAM	19150	25RB#25	20.23	20.25	33	PASS
Band2	10MHz	64QAM	19150	25RB#0	20.25	20.27	33	PASS
Band2	10MHz	64QAM	19150	25RB#12	20.24	20.26	33	PASS
Band2	10MHz	64QAM	19150	50RB#0	20.21	20.23	33	PASS
Band2	10MHz	16QAM	18650	1RB#49	22.56	22.58	33	PASS
Band2	10MHz	16QAM	18650	1RB#0	22.62	22.64	33	PASS
Band2	10MHz	16QAM	18650	1RB#24	22.62	22.64	33	PASS
Band2	10MHz	16QAM	18650	25RB#25	21.44	21.46	33	PASS
Band2	10MHz	16QAM	18650	25RB#0	21.43	21.45	33	PASS
Band2	10MHz	16QAM	18650	25RB#12	21.42	21.44	33	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.45	21.47	33	PASS
Band2	10MHz	16QAM	18900	1RB#0	22.56	22.58	33	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.66	22.68	33	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.52	22.54	33	PASS
Band2	10MHz	16QAM	18900	25RB#0	21.39	21.41	33	PASS
Band2	10MHz	16QAM	18900	25RB#12	21.37	21.39	33	PASS
Band2	10MHz	16QAM	18900	25RB#25	21.33	21.35	33	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.37	21.39	33	PASS
Band2	10MHz	16QAM	19150	1RB#24	22.54	22.56	33	PASS
Band2	10MHz	16QAM	19150	1RB#49	22.34	22.36	33	PASS
Band2	10MHz	16QAM	19150	1RB#0	22.42	22.44	33	PASS
Band2	10MHz	16QAM	19150	25RB#0	21.28	21.3	33	PASS
Band2	10MHz	16QAM	19150	25RB#12	21.28	21.3	33	PASS
Band2	10MHz	16QAM	19150	25RB#25	21.34	21.36	33	PASS
Band2	10MHz	16QAM	19150	50RB#0	21.31	21.33	33	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.3	23.32	33	PASS
Band2	15MHz	QPSK	18675	1RB#38	23.35	23.37	33	PASS
Band2	15MHz	QPSK	18675	1RB#74	23.22	23.24	33	PASS
Band2	15MHz	QPSK	18675	36RB#39	22.4	22.42	33	PASS
Band2	15MHz	QPSK	18675	36RB#18	22.4	22.42	33	PASS
Band2	15MHz	QPSK	18675	36RB#0	22.4	22.42	33	PASS



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Band2	15MHz	QPSK	18675	75RB#0	22.41	22.43	33	PASS
Band2	15MHz	QPSK	18900	1RB#74	23.13	23.15	33	PASS
Band2	15MHz	QPSK	18900	1RB#0	23.22	23.24	33	PASS
Band2	15MHz	QPSK	18900	1RB#38	23.29	23.31	33	PASS
Band2	15MHz	QPSK	18900	36RB#0	22.35	22.37	33	PASS
Band2	15MHz	QPSK	18900	36RB#39	22.32	22.34	33	PASS
Band2	15MHz	QPSK	18900	36RB#18	22.36	22.38	33	PASS
Band2	15MHz	QPSK	18900	75RB#0	22.33	22.35	33	PASS
Band2	15MHz	QPSK	19125	1RB#38	23.22	23.24	33	PASS
Band2	15MHz	QPSK	19125	1RB#0	23.14	23.16	33	PASS
Band2	15MHz	QPSK	19125	1RB#74	23.09	23.11	33	PASS
Band2	15MHz	QPSK	19125	36RB#39	22.34	22.36	33	PASS
Band2	15MHz	QPSK	19125	36RB#0	22.32	22.34	33	PASS
Band2	15MHz	QPSK	19125	36RB#18	22.29	22.31	33	PASS
Band2	15MHz	QPSK	19125	75RB#0	22.31	22.33	33	PASS
Band2	15MHz	64QAM	18675	1RB#74	21.39	21.41	33	PASS
Band2	15MHz	64QAM	18675	1RB#38	21.48	21.5	33	PASS
Band2	15MHz	64QAM	18675	1RB#0	21.47	21.49	33	PASS
Band2	15MHz	64QAM	18675	36RB#0	20.38	20.4	33	PASS
Band2	15MHz	64QAM	18675	36RB#18	20.38	20.4	33	PASS
Band2	15MHz	64QAM	18675	36RB#39	20.34	20.36	33	PASS
Band2	15MHz	64QAM	18675	75RB#0	20.35	20.37	33	PASS
Band2	15MHz	64QAM	18900	1RB#0	21.3	21.32	33	PASS
Band2	15MHz	64QAM	18900	1RB#38	21.39	21.41	33	PASS
Band2	15MHz	64QAM	18900	1RB#74	21.29	21.31	33	PASS
Band2	15MHz	64QAM	18900	36RB#0	20.32	20.34	33	PASS
Band2	15MHz	64QAM	18900	36RB#18	20.3	20.32	33	PASS
Band2	15MHz	64QAM	18900	36RB#39	20.26	20.28	33	PASS
Band2	15MHz	64QAM	18900	75RB#0	20.25	20.27	33	PASS
Band2	15MHz	64QAM	19125	1RB#38	21.29	21.31	33	PASS
Band2	15MHz	64QAM	19125	1RB#74	21.14	21.16	33	PASS
Band2	15MHz	64QAM	19125	1RB#0	21.26	21.28	33	PASS
Band2	15MHz	64QAM	19125	36RB#0	20.25	20.27	33	PASS



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Band2	15MHz	64QAM	19125	36RB#18	20.21	20.23	33	PASS
Band2	15MHz	64QAM	19125	36RB#39	20.25	20.27	33	PASS
Band2	15MHz	64QAM	19125	75RB#0	20.25	20.27	33	PASS
Band2	15MHz	16QAM	18675	1RB#0	22.41	22.43	33	PASS
Band2	15MHz	16QAM	18675	1RB#38	22.61	22.63	33	PASS
Band2	15MHz	16QAM	18675	1RB#74	22.5	22.52	33	PASS
Band2	15MHz	16QAM	18675	36RB#0	21.41	21.43	33	PASS
Band2	15MHz	16QAM	18675	36RB#18	21.41	21.43	33	PASS
Band2	15MHz	16QAM	18675	36RB#39	21.4	21.42	33	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.42	21.44	33	PASS
Band2	15MHz	16QAM	18900	1RB#38	22.41	22.43	33	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.38	22.4	33	PASS
Band2	15MHz	16QAM	18900	1RB#0	22.47	22.49	33	PASS
Band2	15MHz	16QAM	18900	36RB#0	21.37	21.39	33	PASS
Band2	15MHz	16QAM	18900	36RB#18	21.34	21.36	33	PASS
Band2	15MHz	16QAM	18900	36RB#39	21.31	21.33	33	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.34	21.36	33	PASS
Band2	15MHz	16QAM	19125	1RB#0	22.3	22.32	33	PASS
Band2	15MHz	16QAM	19125	1RB#38	22.41	22.43	33	PASS
Band2	15MHz	16QAM	19125	1RB#74	22.24	22.26	33	PASS
Band2	15MHz	16QAM	19125	36RB#39	21.31	21.33	33	PASS
Band2	15MHz	16QAM	19125	36RB#0	21.29	21.31	33	PASS
Band2	15MHz	16QAM	19125	36RB#18	21.3	21.32	33	PASS
Band2	15MHz	16QAM	19125	75RB#0	21.32	21.34	33	PASS
Band2	20MHz	QPSK	18700	1RB#49	23.44	23.46	33	PASS
Band2	20MHz	QPSK	18700	1RB#99	23.02	23.04	33	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.12	23.14	33	PASS
Band2	20MHz	QPSK	18700	50RB#0	22.39	22.41	33	PASS
Band2	20MHz	QPSK	18700	50RB#25	22.4	22.42	33	PASS
Band2	20MHz	QPSK	18700	50RB#50	22.45	22.47	33	PASS
Band2	20MHz	QPSK	18700	100RB#0	22.4	22.42	33	PASS
Band2	20MHz	QPSK	18900	1RB#99	22.91	22.93	33	PASS
Band2	20MHz	QPSK	18900	1RB#49	23.37	23.39	33	PASS



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Band2	20MHz	QPSK	18900	1RB#0	23.02	23.04	33	PASS
Band2	20MHz	QPSK	18900	50RB#25	22.34	22.36	33	PASS
Band2	20MHz	QPSK	18900	50RB#0	22.36	22.38	33	PASS
Band2	20MHz	QPSK	18900	50RB#50	22.28	22.3	33	PASS
Band2	20MHz	QPSK	18900	100RB#0	22.31	22.33	33	PASS
Band2	20MHz	QPSK	19100	1RB#49	23.34	23.36	33	PASS
Band2	20MHz	QPSK	19100	1RB#0	22.97	22.99	33	PASS
Band2	20MHz	QPSK	19100	1RB#99	22.9	22.92	33	PASS
Band2	20MHz	QPSK	19100	50RB#25	22.32	22.34	33	PASS
Band2	20MHz	QPSK	19100	50RB#50	22.35	22.37	33	PASS
Band2	20MHz	QPSK	19100	50RB#0	22.4	22.42	33	PASS
Band2	20MHz	QPSK	19100	100RB#0	22.36	22.38	33	PASS
Band2	20MHz	64QAM	18700	1RB#0	21.2	21.22	33	PASS
Band2	20MHz	64QAM	18700	1RB#49	21.54	21.56	33	PASS
Band2	20MHz	64QAM	18700	1RB#99	21.15	21.17	33	PASS
Band2	20MHz	64QAM	18700	50RB#0	20.35	20.37	33	PASS
Band2	20MHz	64QAM	18700	50RB#25	20.42	20.44	33	PASS
Band2	20MHz	64QAM	18700	50RB#50	20.43	20.45	33	PASS
Band2	20MHz	64QAM	18700	100RB#0	20.37	20.39	33	PASS
Band2	20MHz	64QAM	18900	1RB#99	21.02	21.04	33	PASS
Band2	20MHz	64QAM	18900	1RB#0	21.13	21.15	33	PASS
Band2	20MHz	64QAM	18900	1RB#49	21.52	21.54	33	PASS
Band2	20MHz	64QAM	18900	50RB#25	20.32	20.34	33	PASS
Band2	20MHz	64QAM	18900	50RB#50	20.23	20.25	33	PASS
Band2	20MHz	64QAM	18900	50RB#0	20.38	20.4	33	PASS
Band2	20MHz	64QAM	18900	100RB#0	20.29	20.31	33	PASS
Band2	20MHz	64QAM	19100	1RB#49	21.44	21.46	33	PASS
Band2	20MHz	64QAM	19100	1RB#99	21.05	21.07	33	PASS
Band2	20MHz	64QAM	19100	1RB#0	21.12	21.14	33	PASS
Band2	20MHz	64QAM	19100	50RB#50	20.32	20.34	33	PASS
Band2	20MHz	64QAM	19100	50RB#0	20.35	20.37	33	PASS
Band2	20MHz	64QAM	19100	50RB#25	20.28	20.3	33	PASS
Band2	20MHz	64QAM	19100	100RB#0	20.32	20.34	33	PASS



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Band2	20MHz	16QAM	18700	1RB#99	22.28	22.3	33	PASS
Band2	20MHz	16QAM	18700	1RB#0	22.34	22.36	33	PASS
Band2	20MHz	16QAM	18700	1RB#49	22.69	22.71	33	PASS
Band2	20MHz	16QAM	18700	50RB#0	21.41	21.43	33	PASS
Band2	20MHz	16QAM	18700	50RB#25	21.44	21.46	33	PASS
Band2	20MHz	16QAM	18700	50RB#50	21.46	21.48	33	PASS
Band2	20MHz	16QAM	18700	100RB#0	21.42	21.44	33	PASS
Band2	20MHz	16QAM	18900	1RB#99	22.12	22.14	33	PASS
Band2	20MHz	16QAM	18900	1RB#49	22.51	22.53	33	PASS
Band2	20MHz	16QAM	18900	1RB#0	22.19	22.21	33	PASS
Band2	20MHz	16QAM	18900	50RB#25	21.36	21.38	33	PASS
Band2	20MHz	16QAM	18900	50RB#0	21.36	21.38	33	PASS
Band2	20MHz	16QAM	18900	50RB#50	21.31	21.33	33	PASS
Band2	20MHz	16QAM	18900	100RB#0	21.35	21.37	33	PASS
Band2	20MHz	16QAM	19100	1RB#99	22.08	22.1	33	PASS
Band2	20MHz	16QAM	19100	1RB#49	22.61	22.63	33	PASS
Band2	20MHz	16QAM	19100	1RB#0	22.22	22.24	33	PASS
Band2	20MHz	16QAM	19100	50RB#50	21.35	21.37	33	PASS
Band2	20MHz	16QAM	19100	50RB#25	21.32	21.34	33	PASS
Band2	20MHz	16QAM	19100	50RB#0	21.4	21.42	33	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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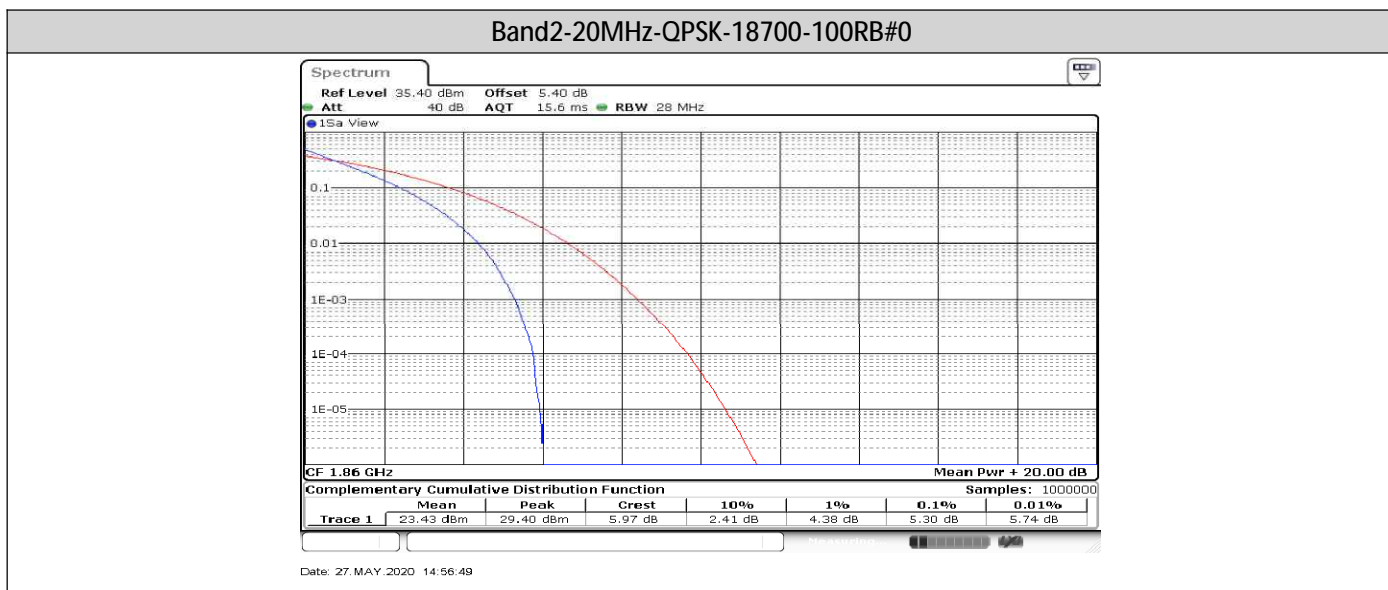


## 2. Peak-to-Average Ratio (CCDF)

### 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	5.36	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.45	13	PASS
Band2	20MHz	64QAM	18700	100RB#0	6.35	13	PASS
Band2	20MHz	64QAM	18900	100RB#0	6.43	13	PASS
Band2	20MHz	64QAM	19100	100RB#0	6.55	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.09	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.12	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.17	13	PASS

### 2.2. Test Plots



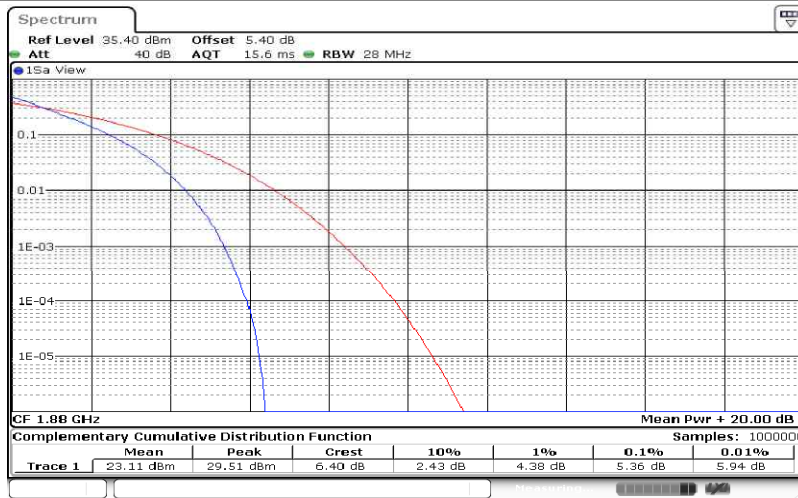
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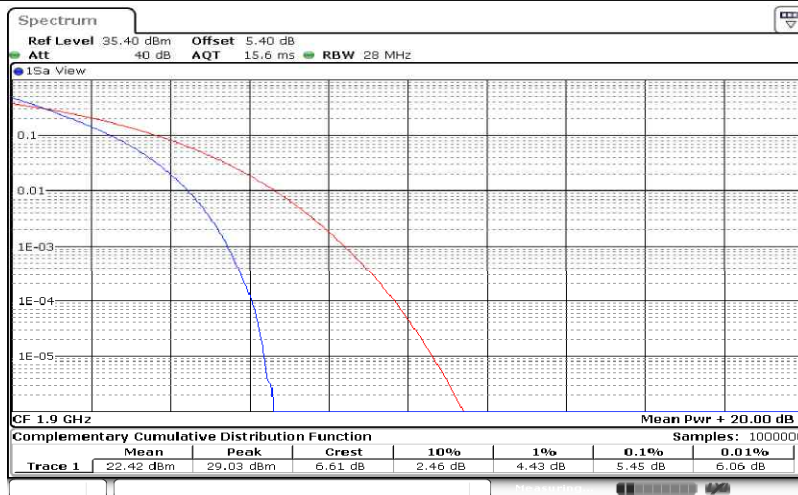


Band2-20MHz-QPSK-18900-100RB#0



Date: 27.MAY.2020 14:57:12

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



Date: 27.MAY.2020 14:57:35



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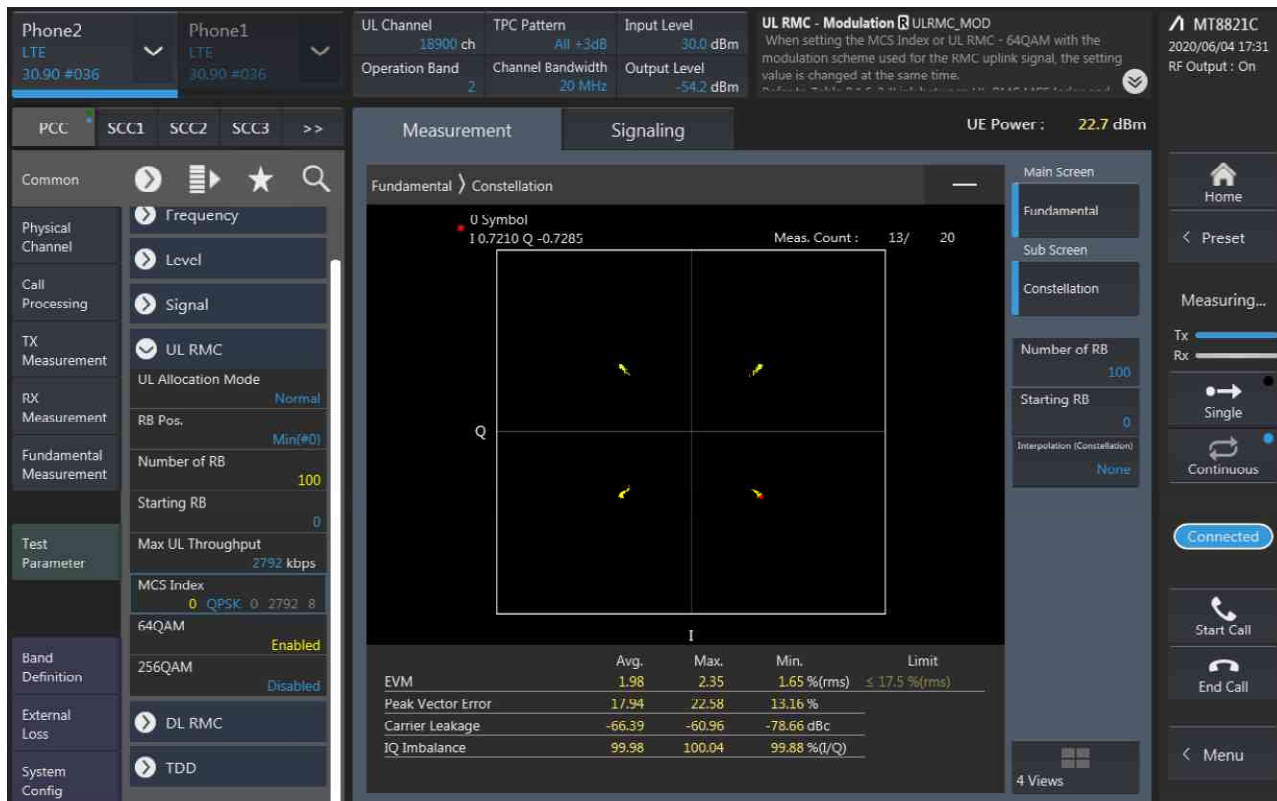




### 3. Modulation Characteristics

#### 3.1. Test Mode = LTE /TM1 20MHz

##### 3.1.1. Test Channel = MCH



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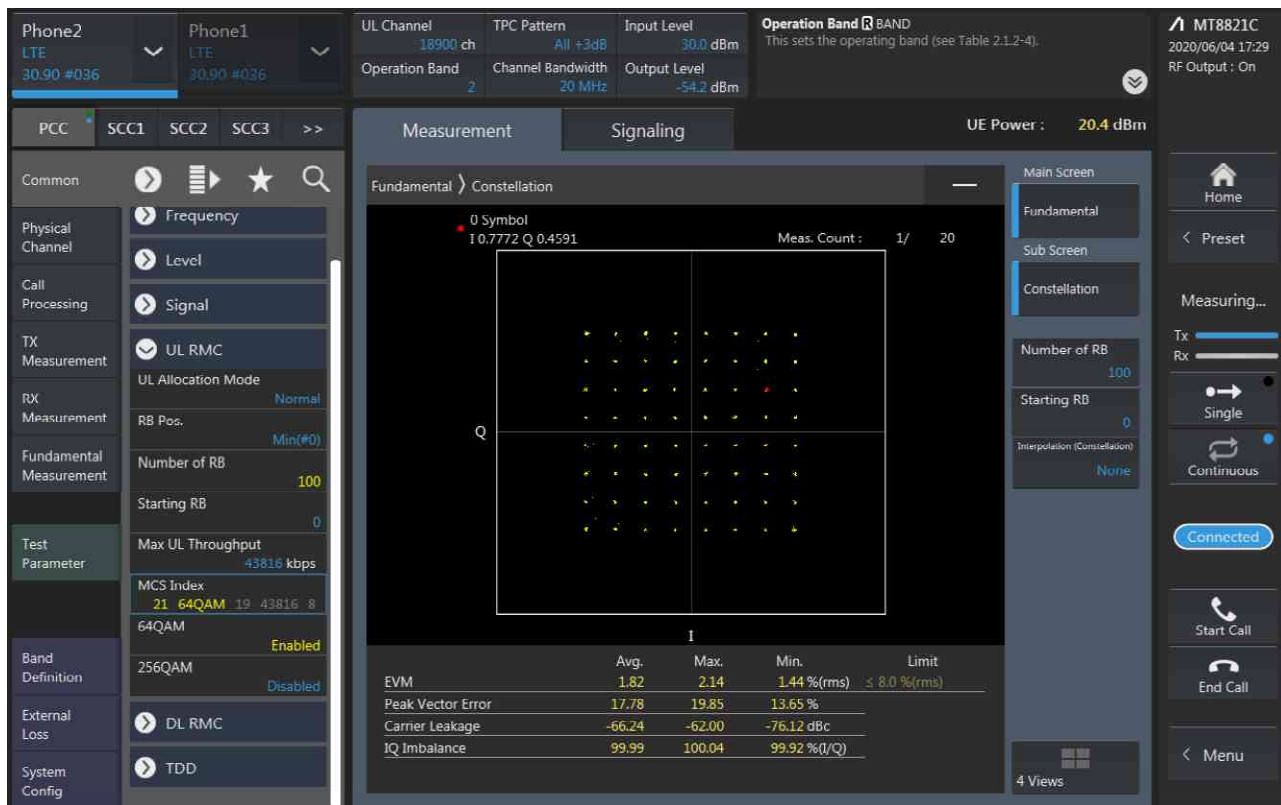
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### 3.3. Test Mode = LTE /TM3 20MHz

#### 3.3.1. Test Channel = MCH



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## 4. 26dB Bandwidth and Occupied Bandwidth

### 4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.088	1.287	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.091	1.284	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.091	1.284	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	1.091	1.287	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	1.094	1.281	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	1.094	1.281	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.091	1.290	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.088	1.293	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.091	1.296	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.685	2.922	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.685	2.916	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.691	2.928	PASS
Band2	3MHz	64QAM	18615	15RB#0	2.685	2.904	PASS
Band2	3MHz	64QAM	18900	15RB#0	2.685	2.904	PASS
Band2	3MHz	64QAM	19185	15RB#0	2.685	2.904	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.673	2.910	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.673	2.904	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.679	2.910	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.476	4.840	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.476	4.850	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.466	4.830	PASS
Band2	5MHz	64QAM	18625	25RB#0	4.476	4.960	PASS
Band2	5MHz	64QAM	18900	25RB#0	4.476	4.820	PASS
Band2	5MHz	64QAM	19175	25RB#0	4.466	4.830	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.476	4.860	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.476	4.850	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.476	4.850	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.951	9.600	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.931	9.620	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.931	9.620	PASS
Band2	10MHz	64QAM	18650	50RB#0	8.931	9.580	PASS



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Band2	10MHz	64QAM	18900	50RB#0	8.931	9.560	PASS
Band2	10MHz	64QAM	19150	50RB#0	8.951	9.760	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.951	10.100	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.911	9.580	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.931	9.640	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.487	14.730	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.487	14.670	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.516	14.730	PASS
Band2	15MHz	64QAM	18675	75RB#0	13.487	14.700	PASS
Band2	15MHz	64QAM	18900	75RB#0	13.427	14.610	PASS
Band2	15MHz	64QAM	19125	75RB#0	13.487	15.390	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.487	14.790	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.457	14.700	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.487	14.760	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.942	19.360	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.902	19.320	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.902	19.320	PASS
Band2	20MHz	64QAM	18700	100RB#0	17.942	19.280	PASS
Band2	20MHz	64QAM	18900	100RB#0	17.862	19.200	PASS
Band2	20MHz	64QAM	19100	100RB#0	17.902	19.280	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	17.942	19.320	PASS



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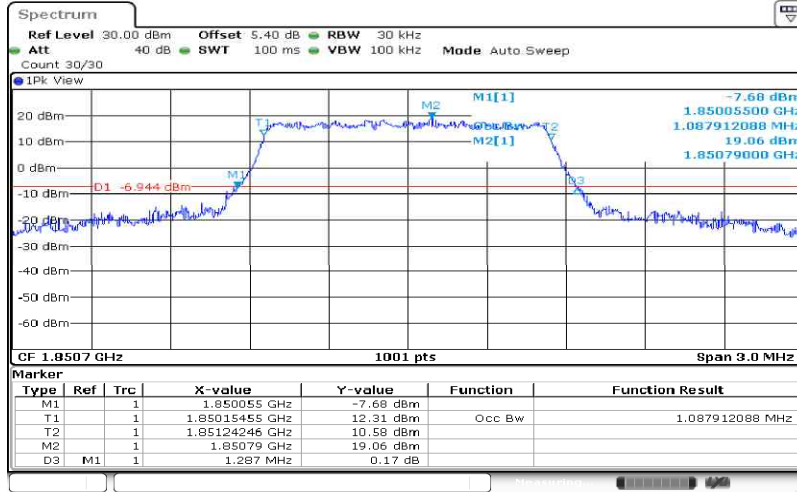
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## 4.2. Test Plots

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



Date: 27.MAY.2020 14:18:10

Band2-1.4MHz-QPSK-18900-6RB#0-1.091



Date: 27.MAY.2020 14:18:36

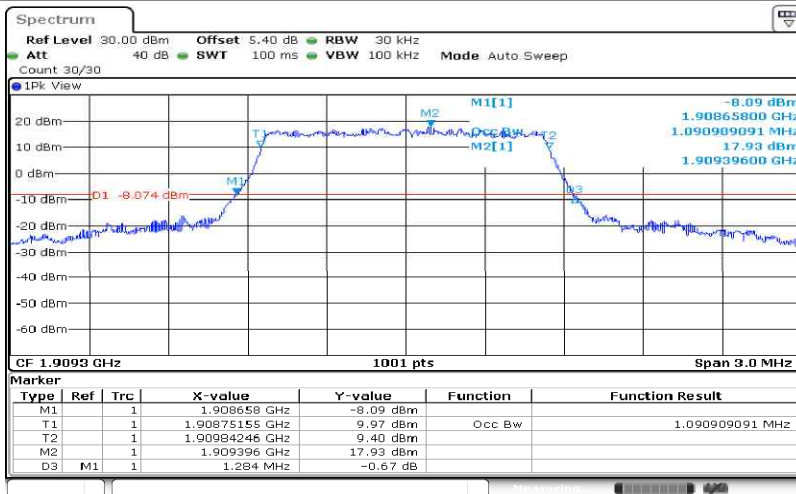


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 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



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



Date: 27.MAY.2020 14:19:01

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



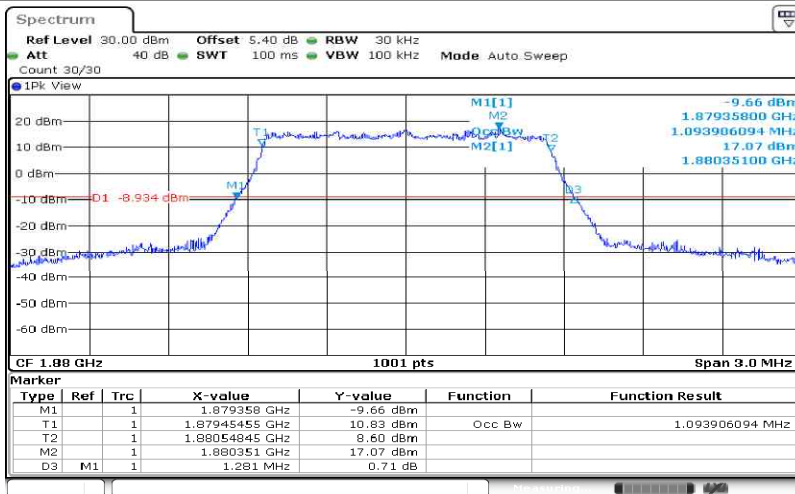
Date: 28.MAY.2020 02:04:17



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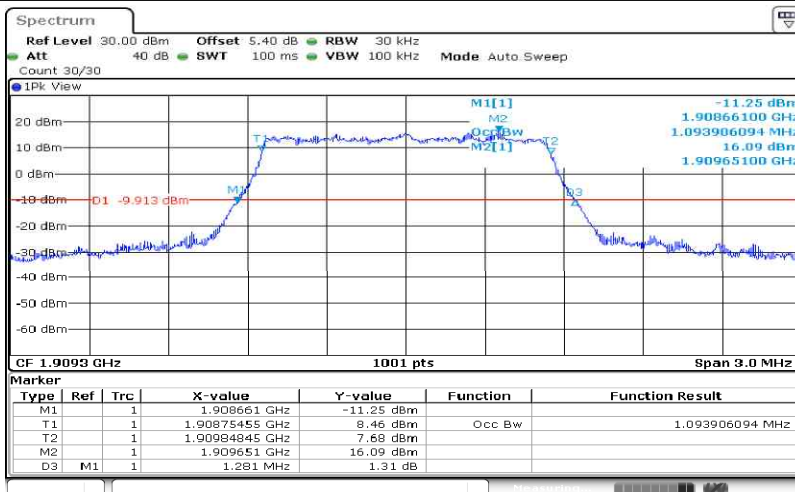


Band2-1.4MHz-64QAM-18900-6RB#0-1.094



Date: 28.MAY.2020 02:04:29

Band2-1.4MHz-64QAM-19193-6RB#0-1.094

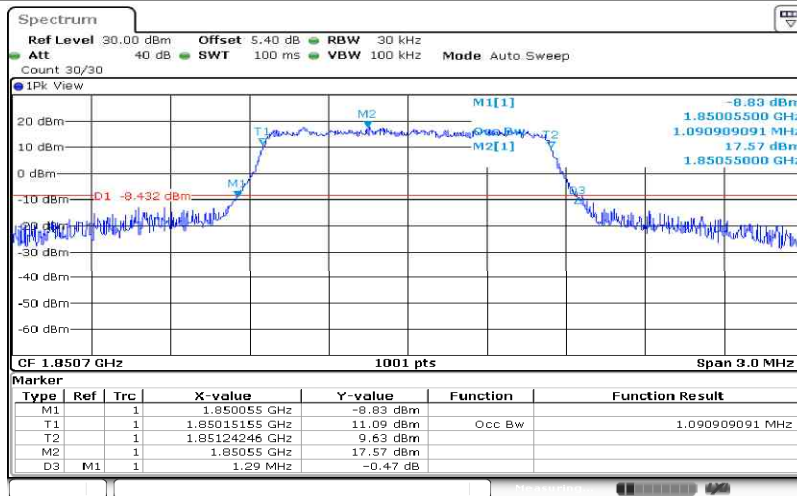


Date: 28.MAY.2020 02:04:42



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**Band2-1.4MHz-16QAM-18607-6RB#0-1.091**



Date: 27.MAY.2020 14:18:23

**Band2-1.4MHz-16QAM-18900-6RB#0-1.088**



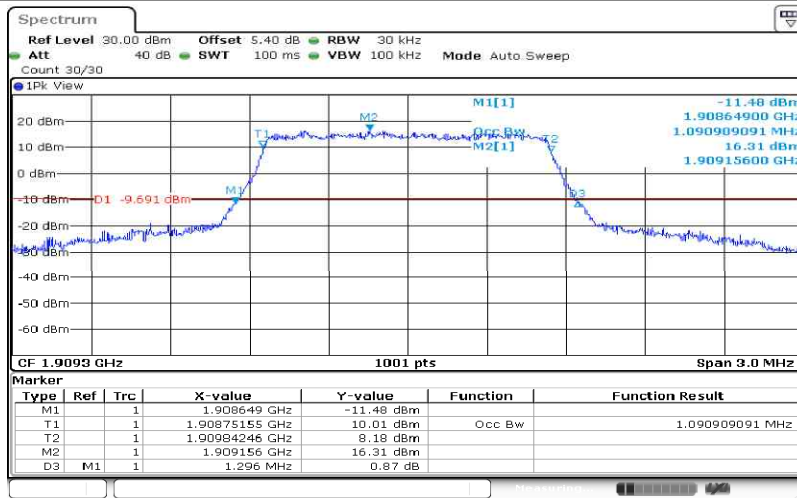
Date: 27.MAY.2020 14:18:48



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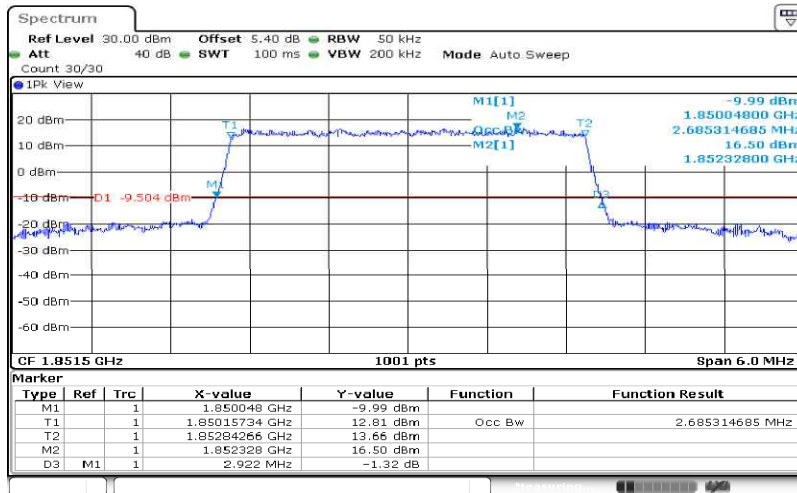


Band2-1.4MHz-16QAM-19193-6RB#0-1.091



Date: 27.MAY.2020 14:19:14

Band2-3MHz-QPSK-18615-15RB#0-2.685



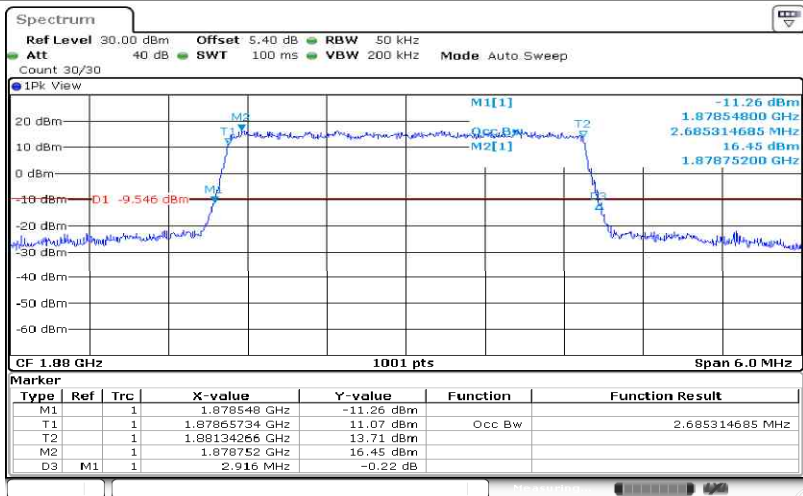
Date: 27.MAY.2020 14:19:32



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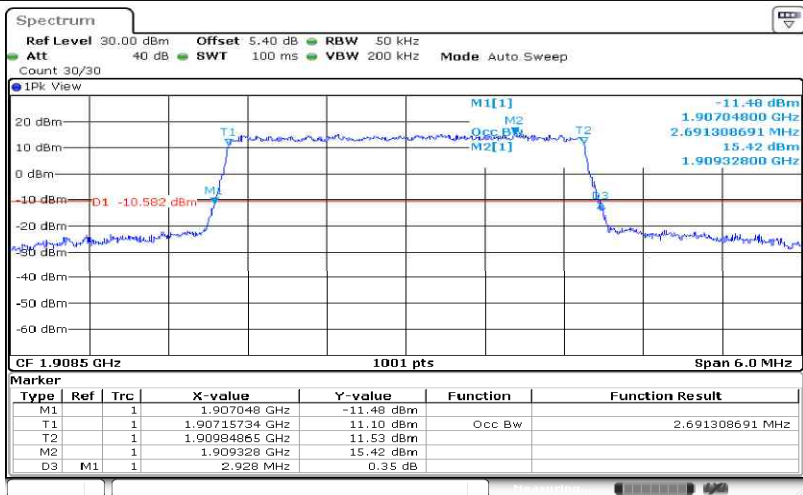


Band2-3MHz-QPSK-18900-15RB#0-2.685



Date: 27.MAY.2020 14:19:57

Band2-3MHz-QPSK-19185-15RB#0-2.691



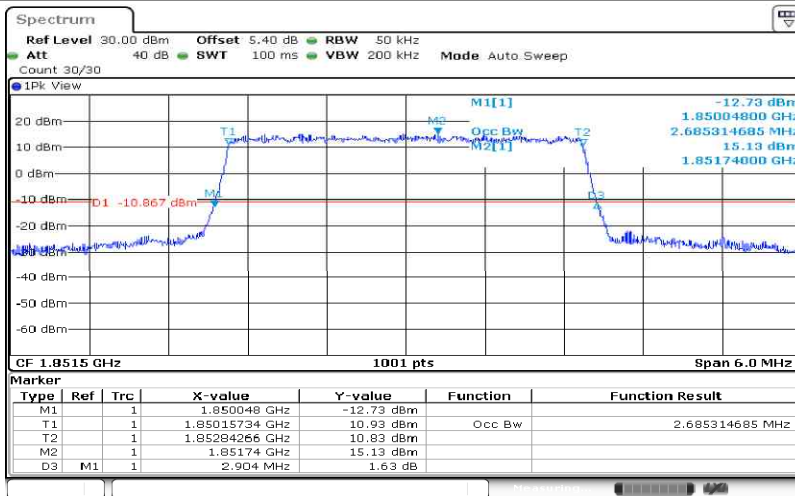
Date: 27.MAY.2020 14:20:23



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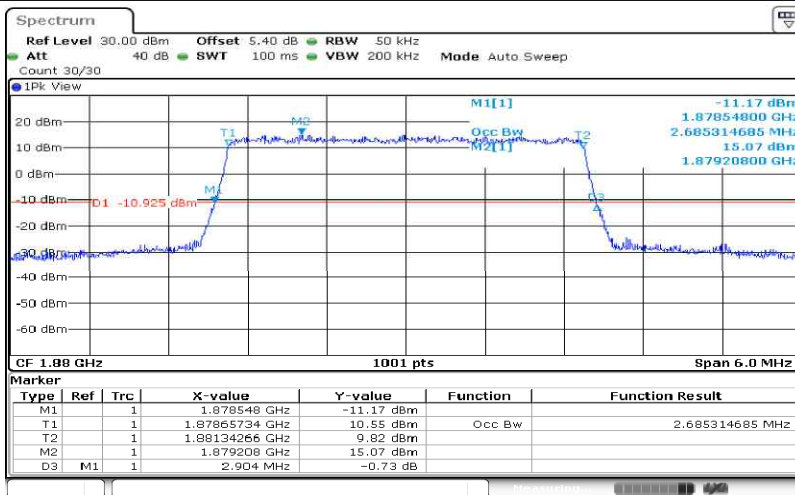


Band2-3MHz-64QAM-18615-15RB#0-2.685



Date: 28.MAY.2020 02:05:06

Band2-3MHz-64QAM-18900-15RB#0-2.685



Date: 28.MAY.2020 02:05:19



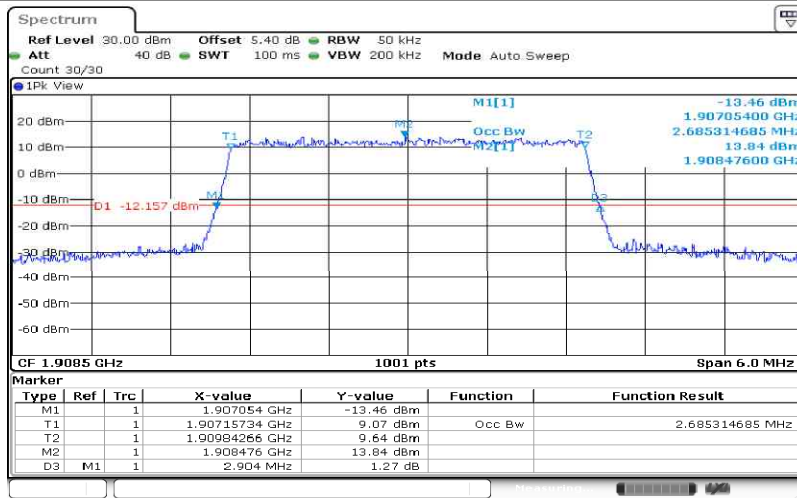
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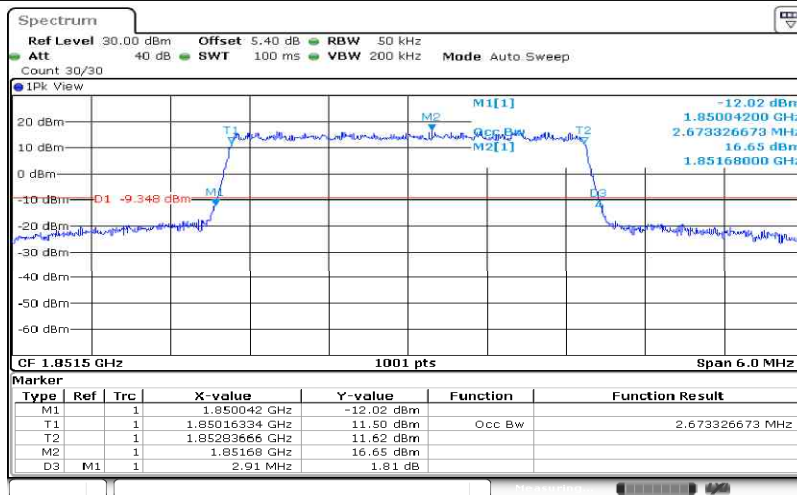


Band2-3MHz-64QAM-19185-15RB#0-2.685



Date: 28.MAY.2020 02:05:32

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



Date: 27.MAY.2020 14:19:44

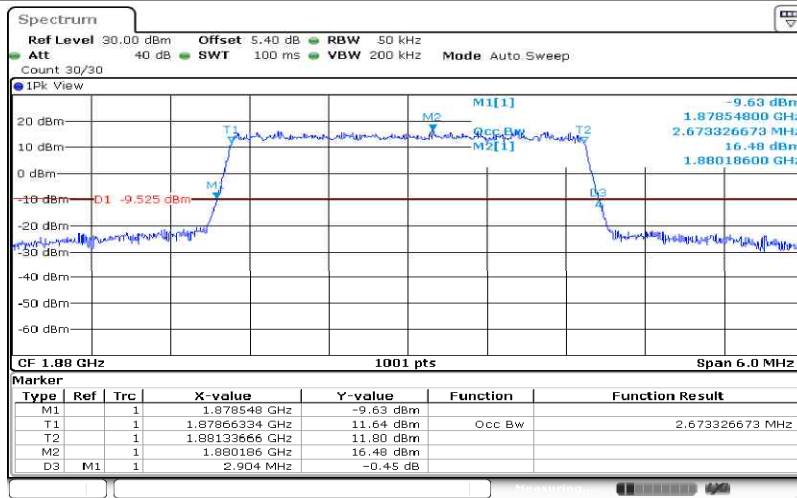


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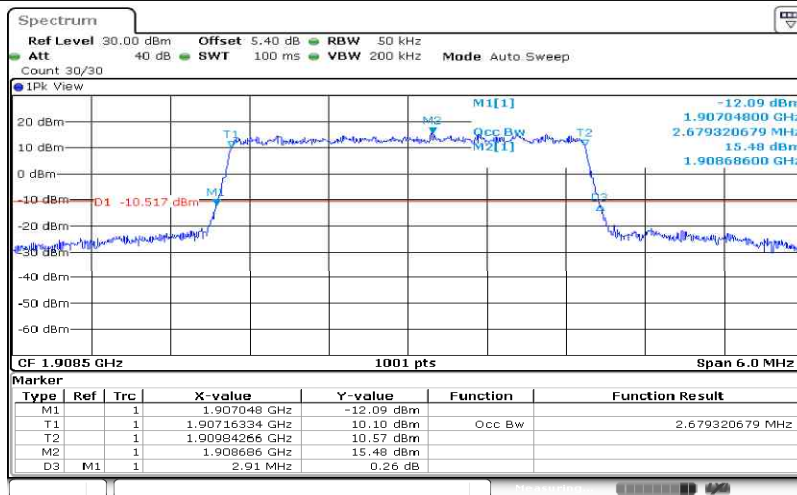


Band2-3MHz-16QAM-18900-15RB#0-2.673



Date: 27.MAY.2020 14:20:10

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

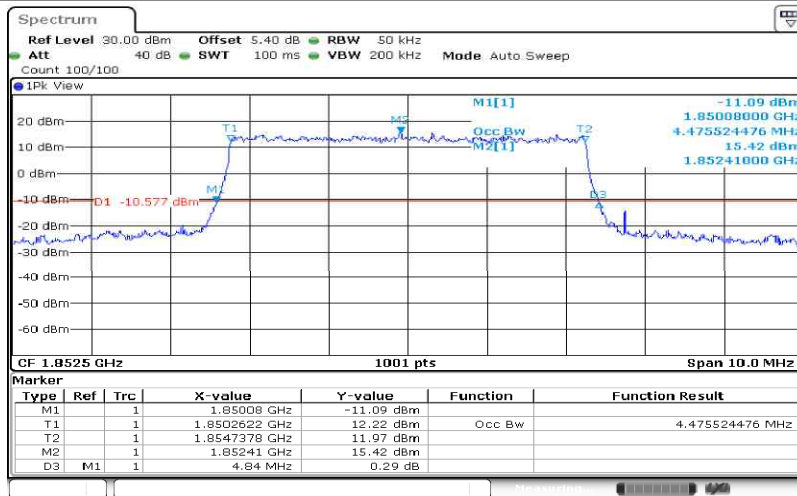


Date: 27.MAY.2020 14:20:36



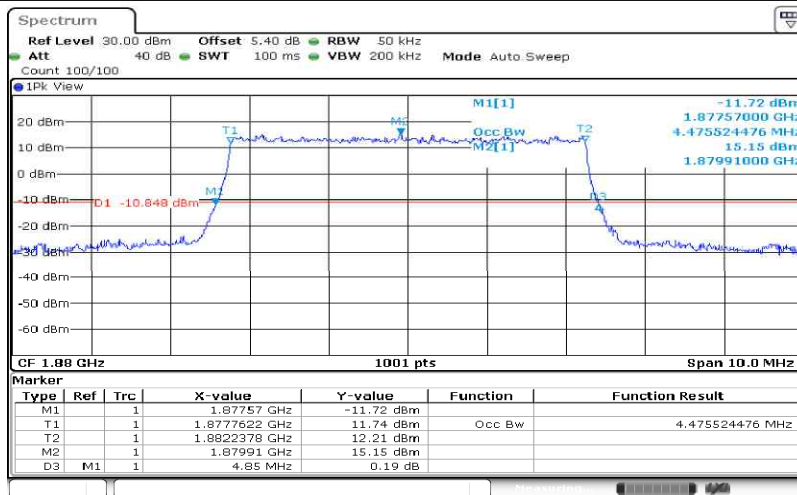
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**Band2-5MHz-QPSK-18625-25RB#0-4.476**



Date: 27.MAY.2020 14:21:00

**Band2-5MHz-QPSK-18900-25RB#0-4.476**

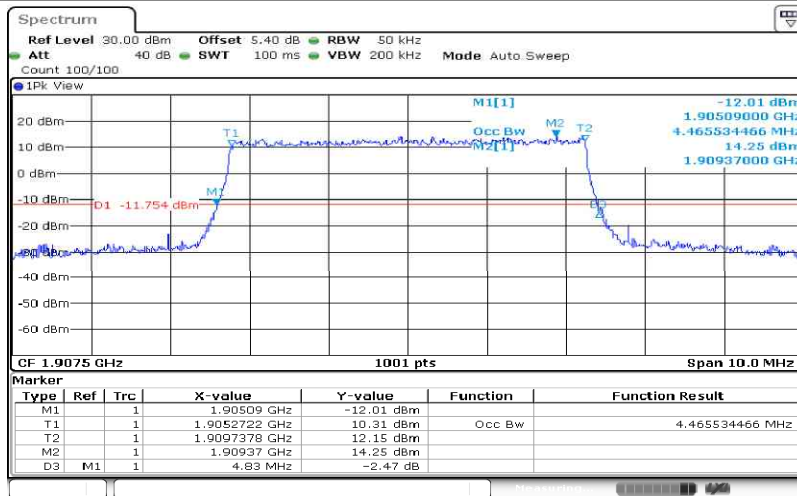


Date: 27.MAY.2020 14:21:40



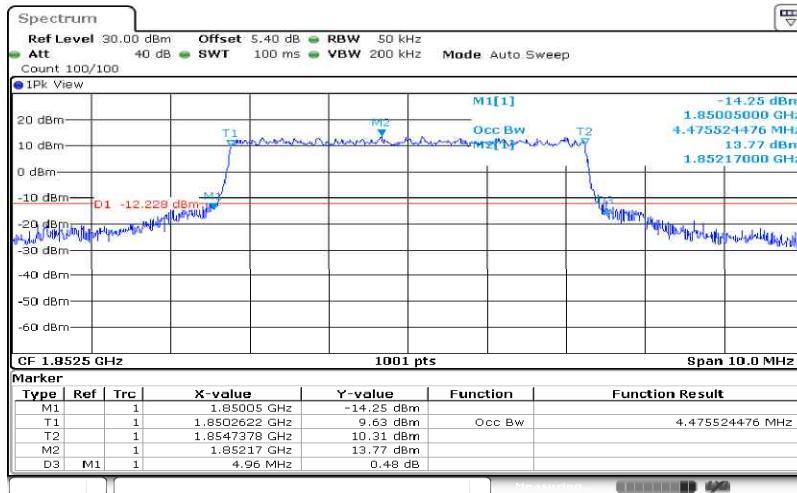
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**Band2-5MHz-QPSK-19175-25RB#0-4.466**



Date: 27.MAY.2020 14:22:20

**Band2-5MHz-64QAM-18625-25RB#0-4.476**



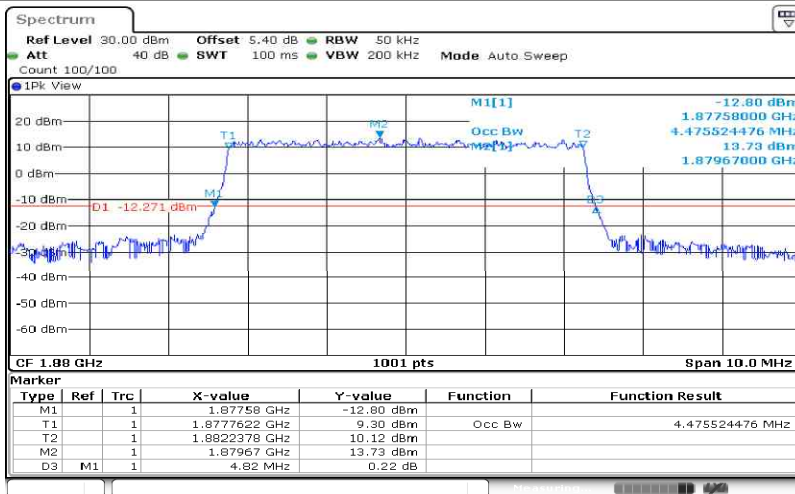
Date: 28.MAY.2020 02:05:57



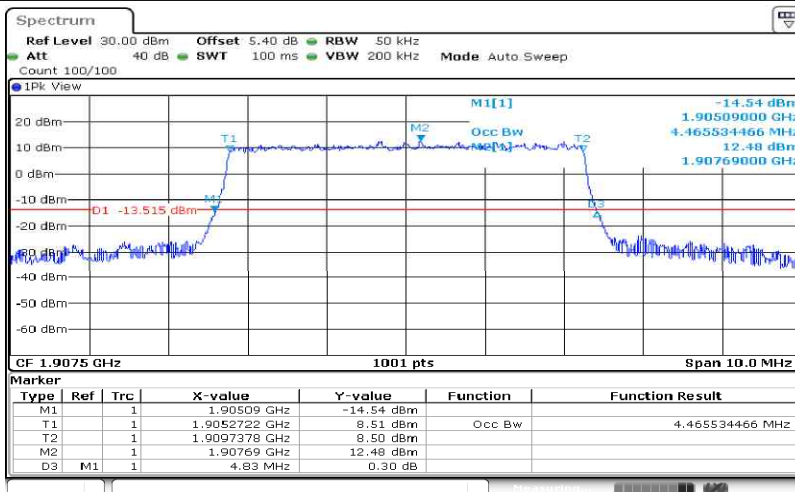
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Band2-5MHz-64QAM-18900-25RB#0-4.476

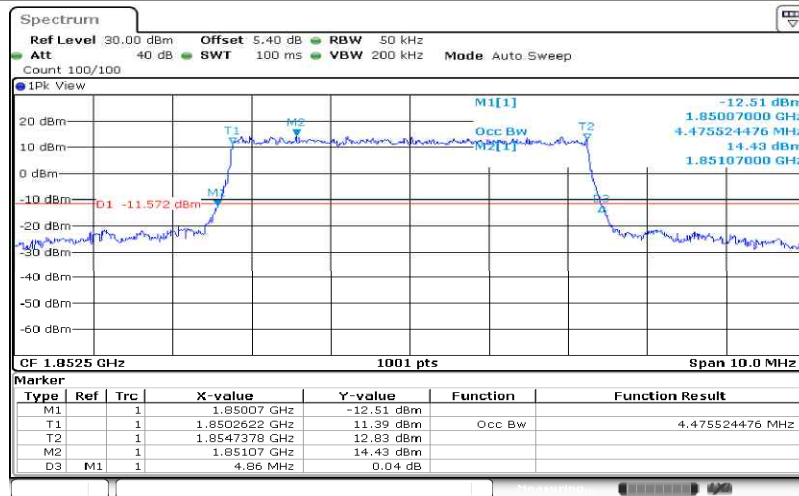


Band2-5MHz-64QAM-19175-25RB#0-4.466



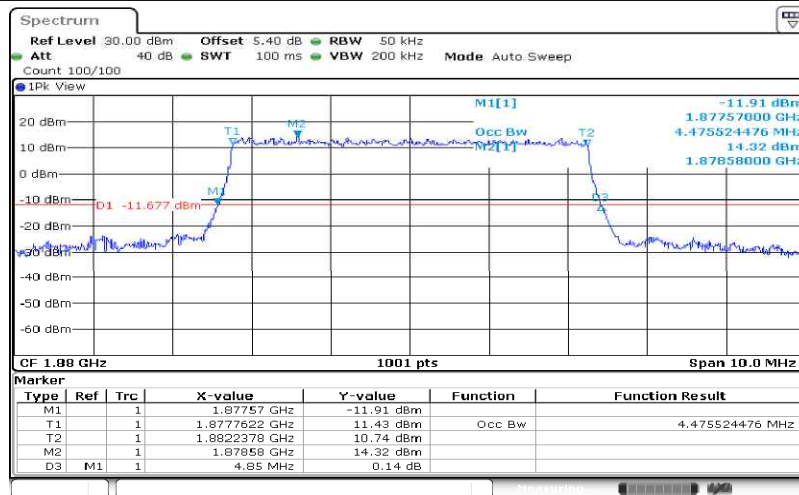
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**Band2-5MHz-16QAM-18625-25RB#0-4.476**



Date: 27 MAY 2020 14:21:20

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

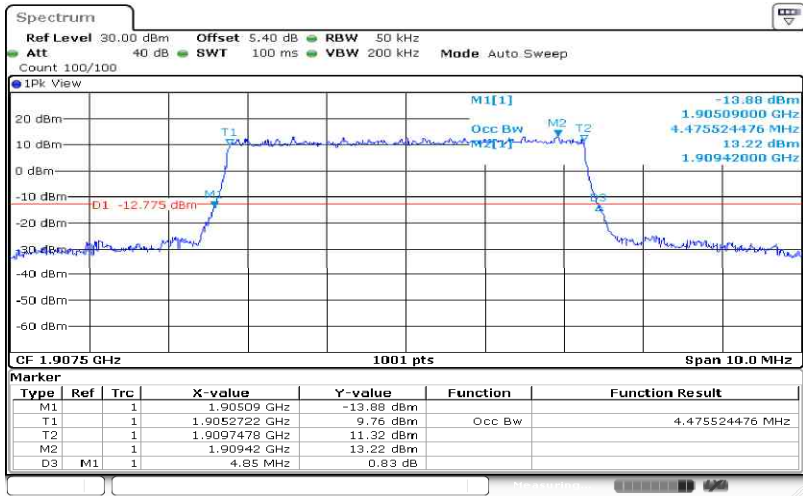


Date: 27 MAY 2020 14:22:00

**Band2-5MHz-16QAM-19175-25RB#0-4.476**

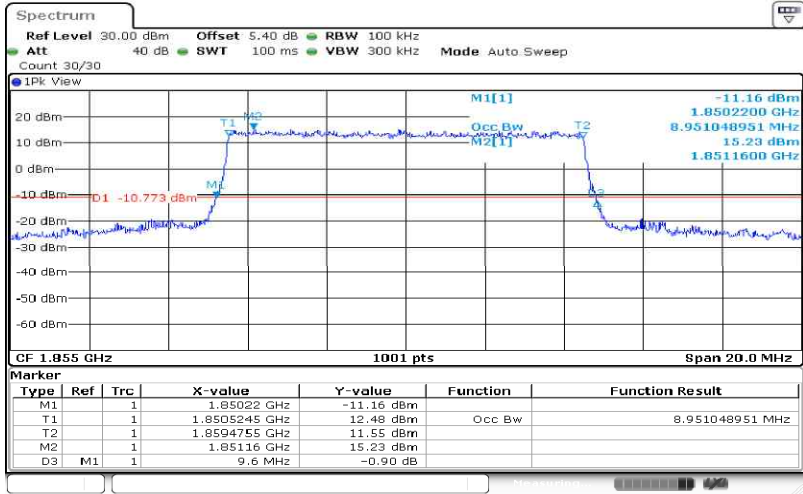


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Date: 27.MAY.2020 14:22:39

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



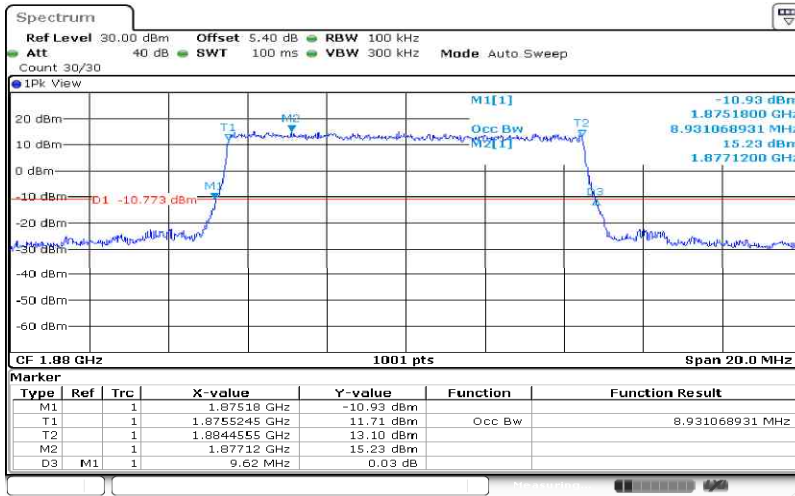
Date: 27.MAY.2020 14:22:57

**Band2-10MHz-QPSK-18900-50RB#0-8.931**

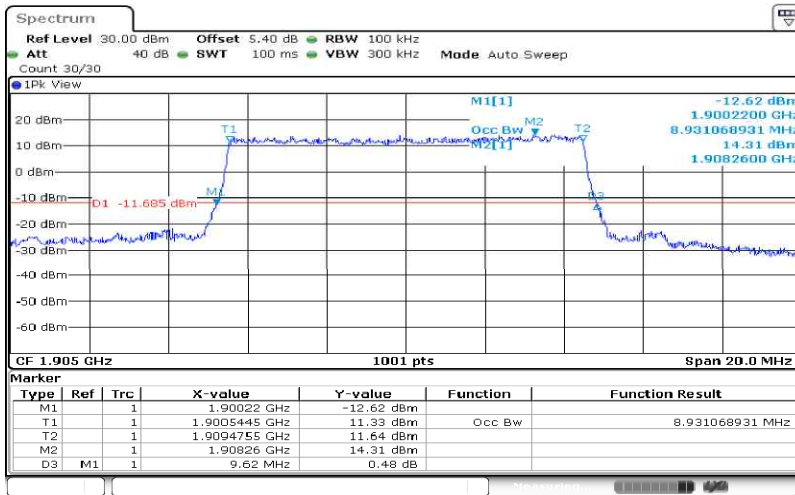


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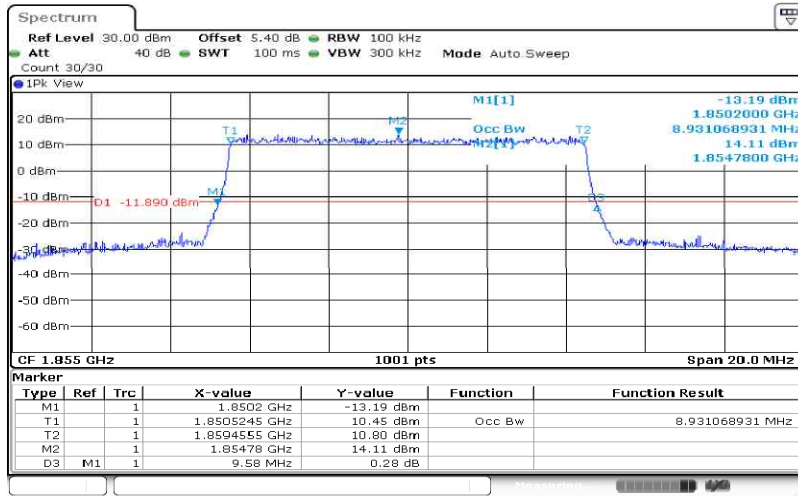
**Band2-10MHz-QPSK-19150-50RB#0-8.931**



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

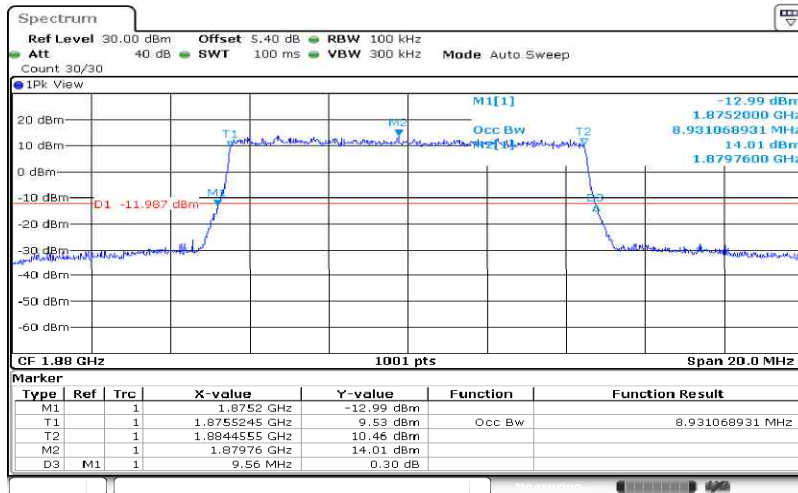


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Date: 28.MAY.2020 02:06:54

Band2-10MHz-64QAM-18900-50RB#0-8.931



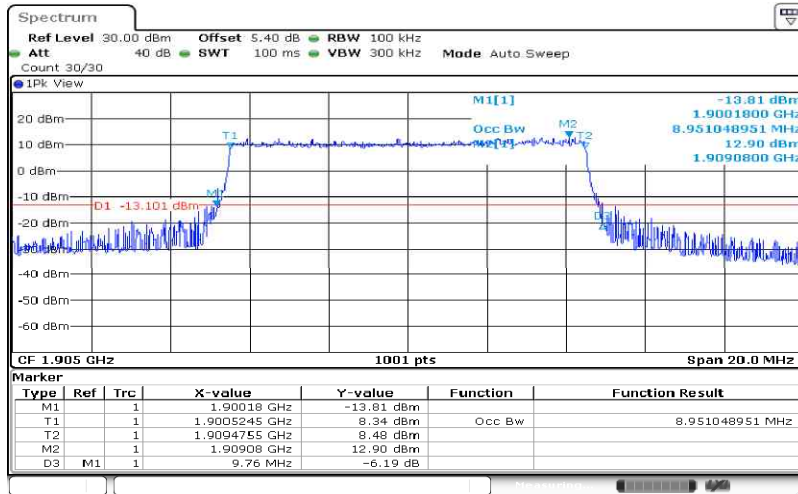
Date: 28.MAY.2020 02:07:07

Band2-10MHz-64QAM-19150-50RB#0-8.951



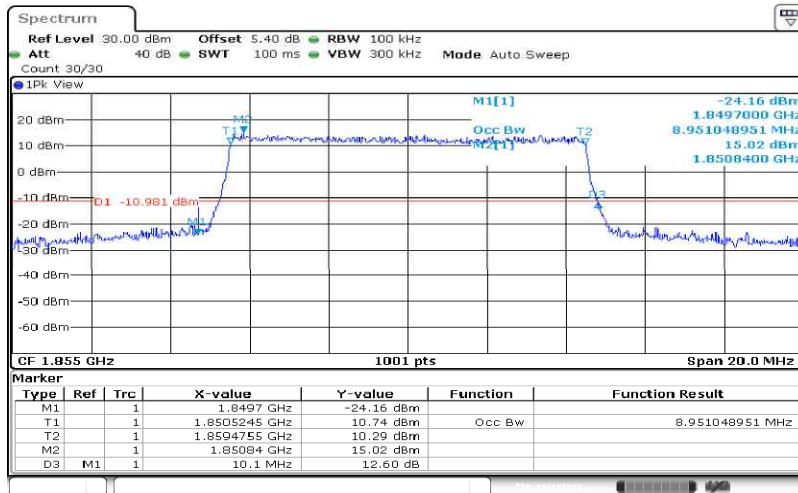
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Date: 28.MAY.2020 02:07:20

Band2-10MHz-16QAM-18650-50RB#0-8.951

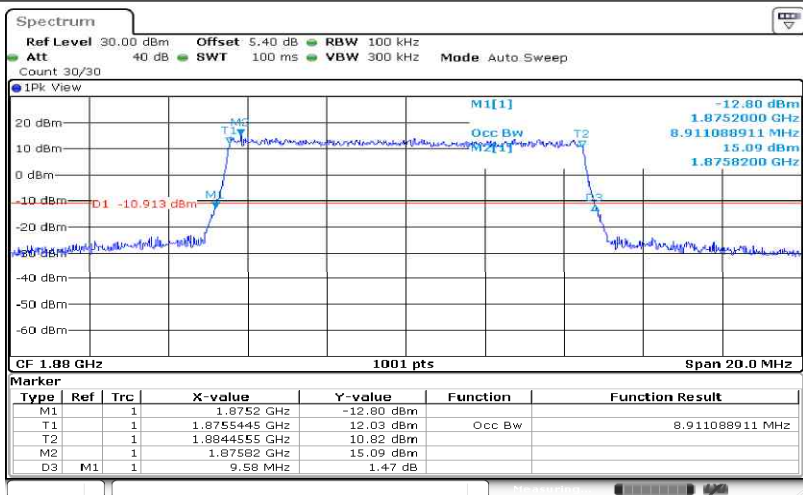


Date: 27.MAY.2020 14:23:10

Band2-10MHz-16QAM-18900-50RB#0-8.911

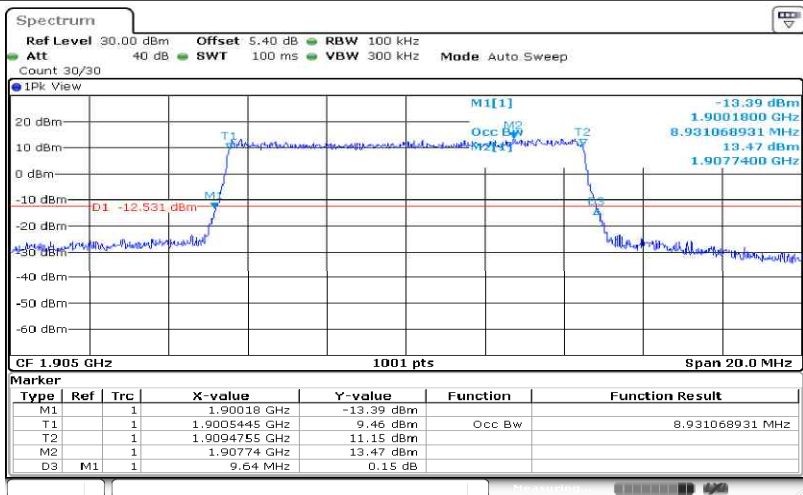


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Date: 27.MAY.2020 14:23:35

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



Date: 27.MAY.2020 14:24:01

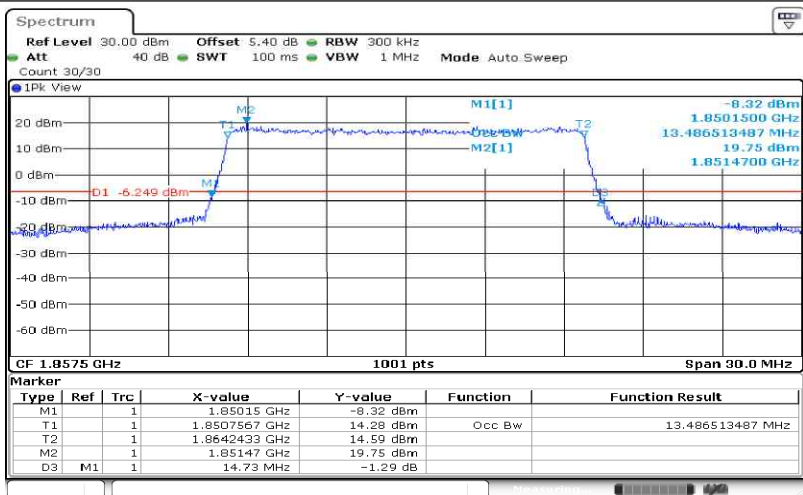
Band2-15MHz-QPSK-18675-75RB#0-13.487



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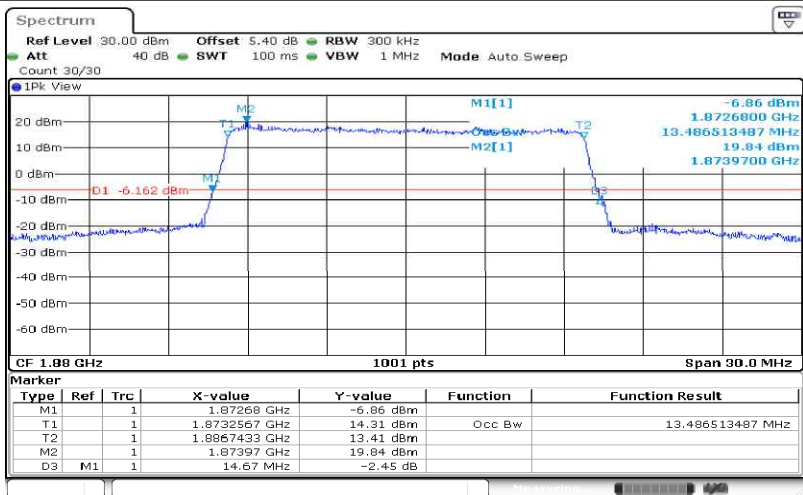
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Date: 27.MAY.2020 14:24:19

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

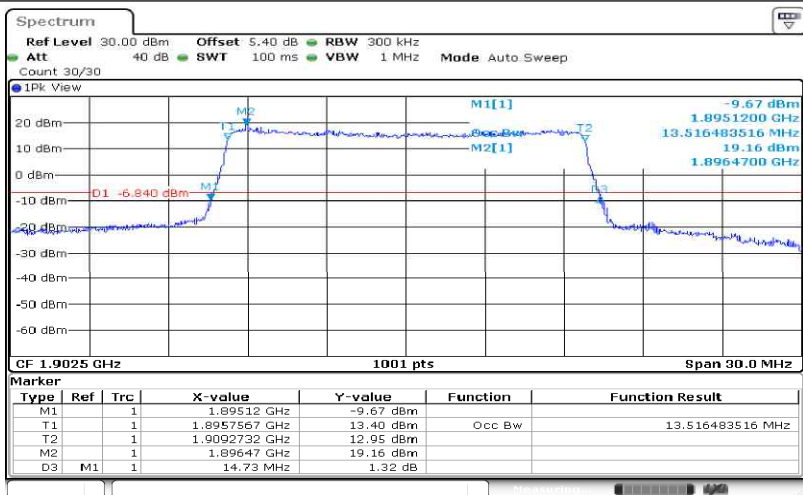


Date: 27.MAY.2020 14:24:44

Band2-15MHz-QPSK-19125-75RB#0-13.516

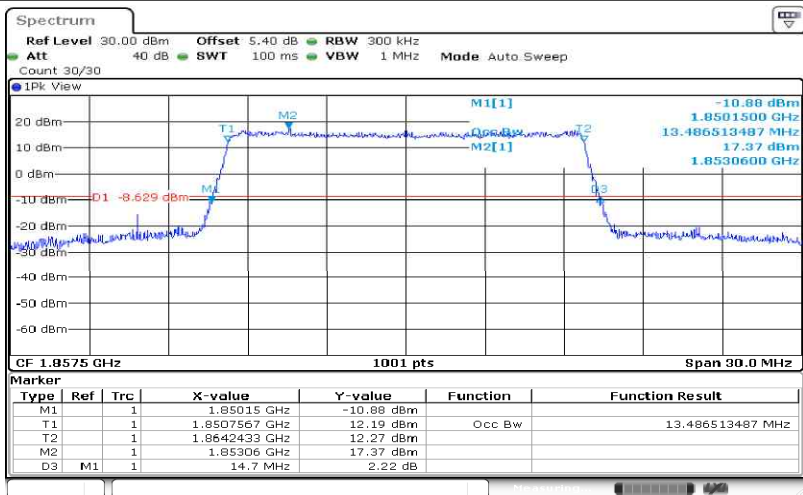


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Date: 27.MAY.2020 14:25:10

Band2-15MHz-64QAM-18675-75RB#0-13.487

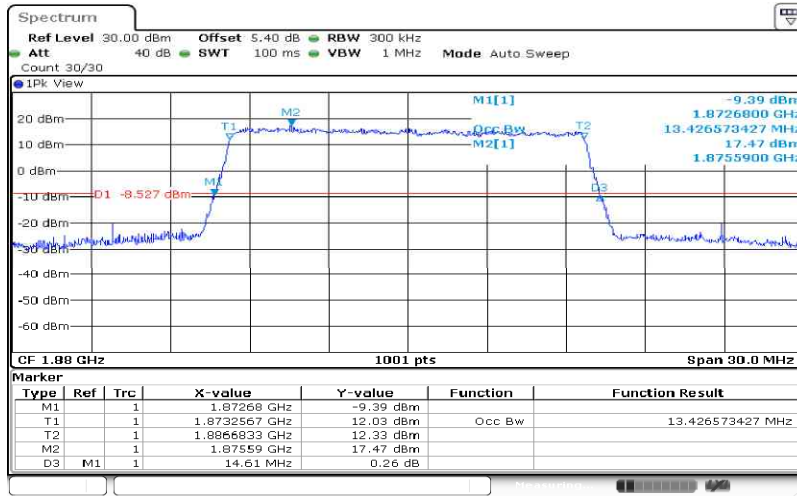


Date: 28.MAY.2020 02:07:38

Band2-15MHz-64QAM-18900-75RB#0-13.427

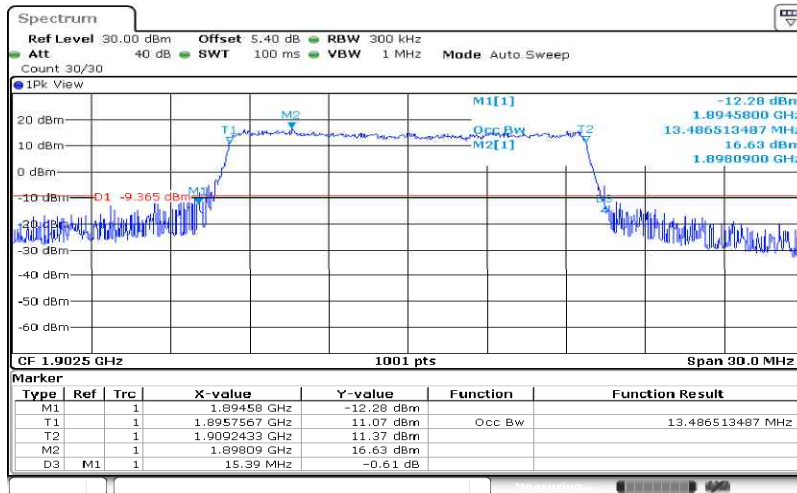


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Date: 28.MAY.2020 02:07:51

Band2-15MHz-64QAM-19125-75RB#0-13.487

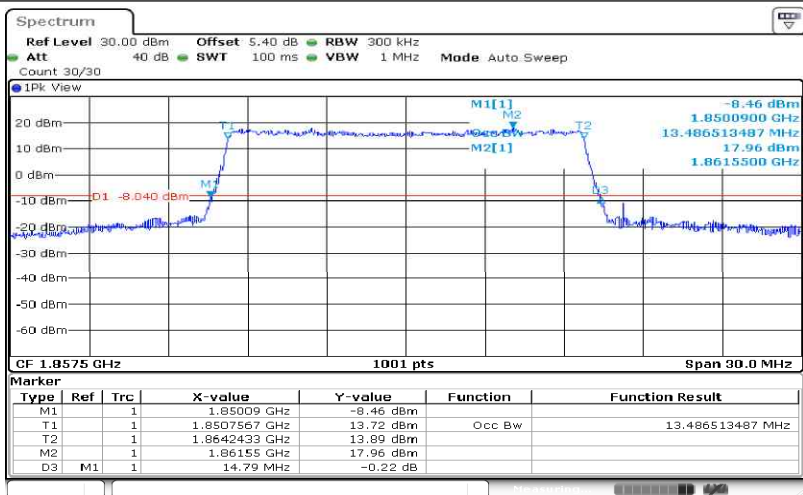


Date: 28.MAY.2020 02:08:04

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

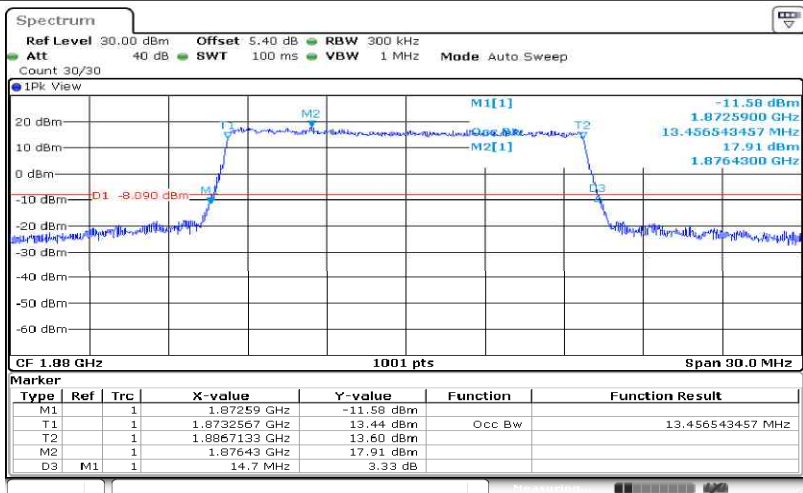


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Date: 27.MAY.2020 14:24:31

Band2-15MHz-16QAM-18900-75RB#0-13.457

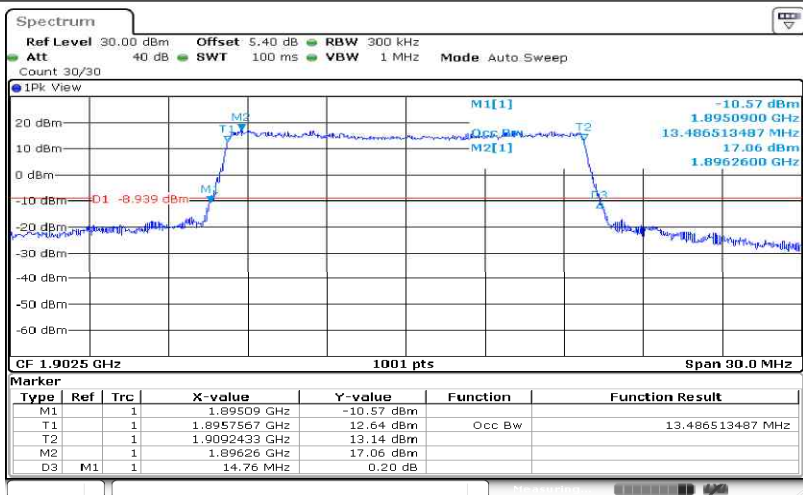


Date: 27.MAY.2020 14:24:57

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

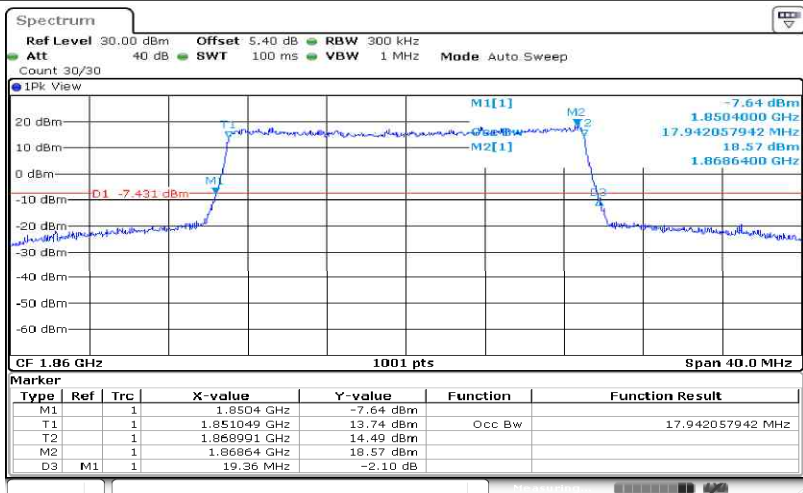


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Date: 27.MAY.2020 14:25:23

Band2-20MHz-QPSK-18700-100RB#0-17.942

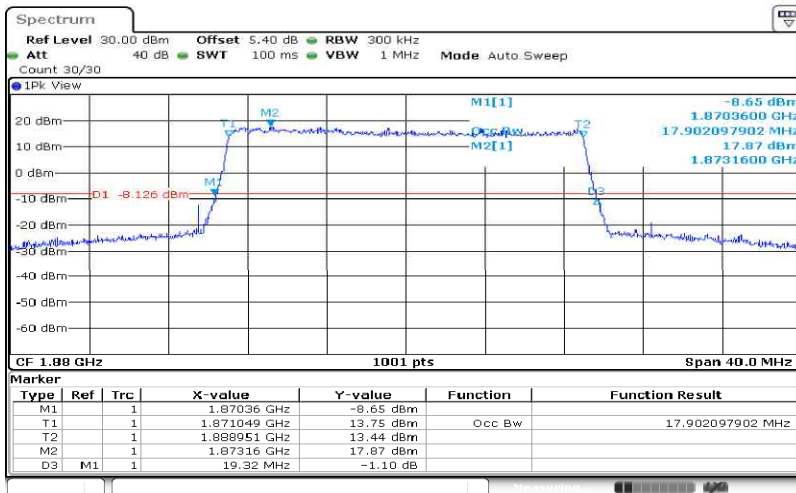


Date: 27.MAY.2020 14:25:40

Band2-20MHz-QPSK-18900-100RB#0-17.902

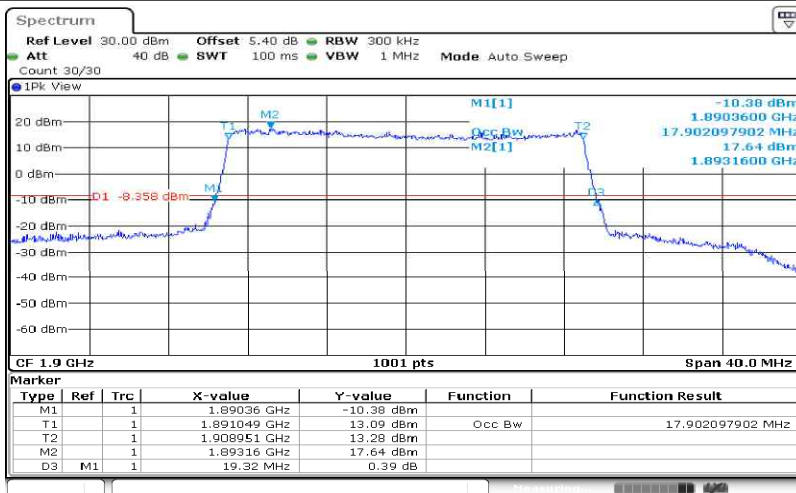


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Date: 27.MAY.2020 14:26:06

Band2-20MHz-QPSK-19100-100RB#0-17.902



Date: 27.MAY.2020 14:26:32

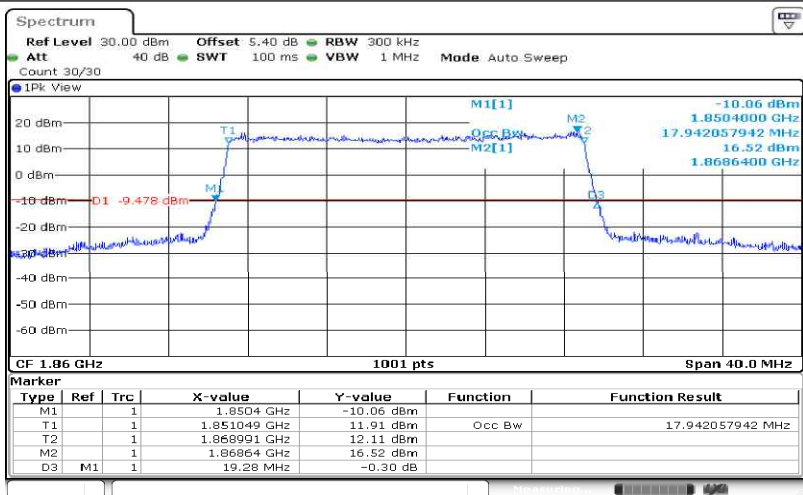
Band2-20MHz-64QAM-18700-100RB#0-17.942



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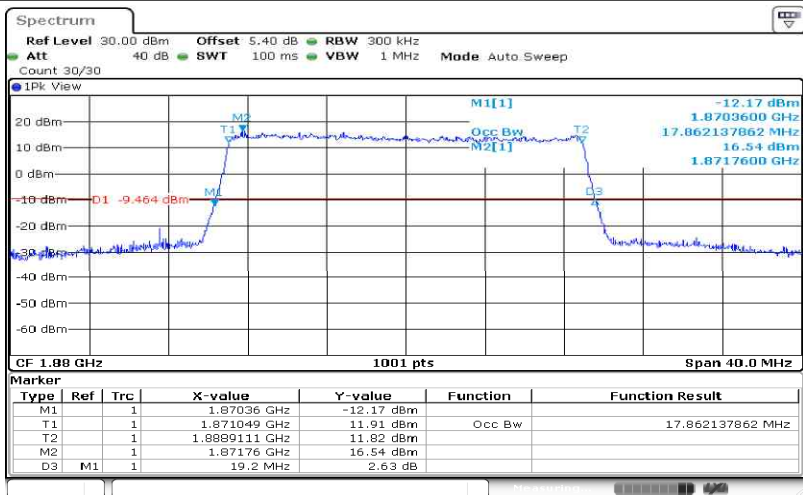
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Date: 28.MAY.2020 02:08:21

Band2-20MHz-64QAM-18900-100RB#0-17.862

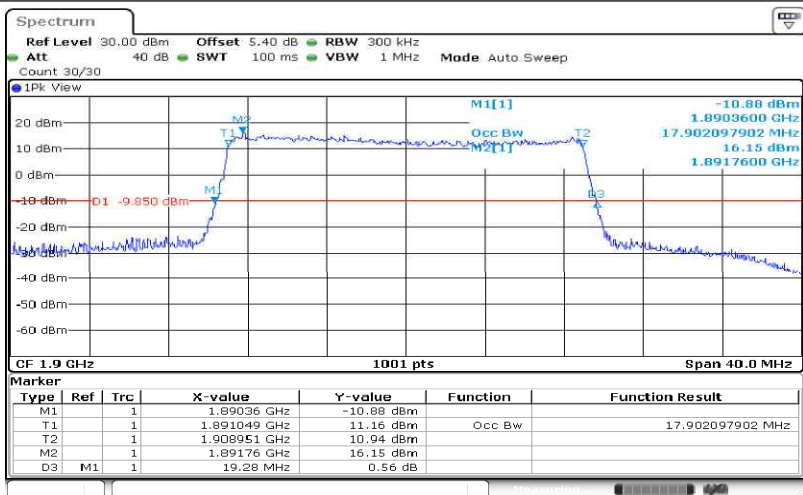


Date: 28.MAY.2020 02:08:34

Band2-20MHz-64QAM-19100-100RB#0-17.902

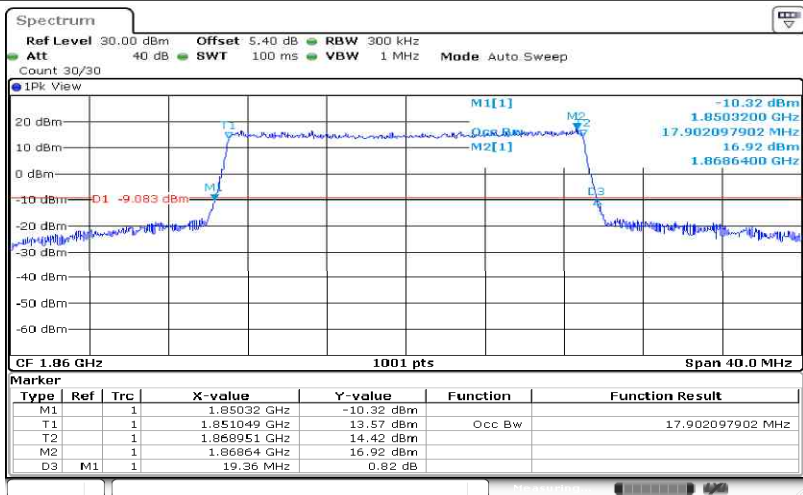


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Date: 28.MAY.2020 02:08:47

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

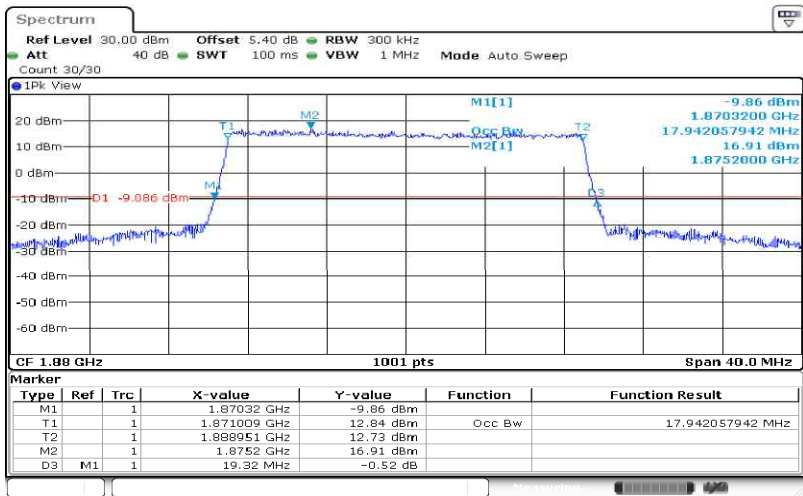


Date: 27.MAY.2020 14:25:53

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

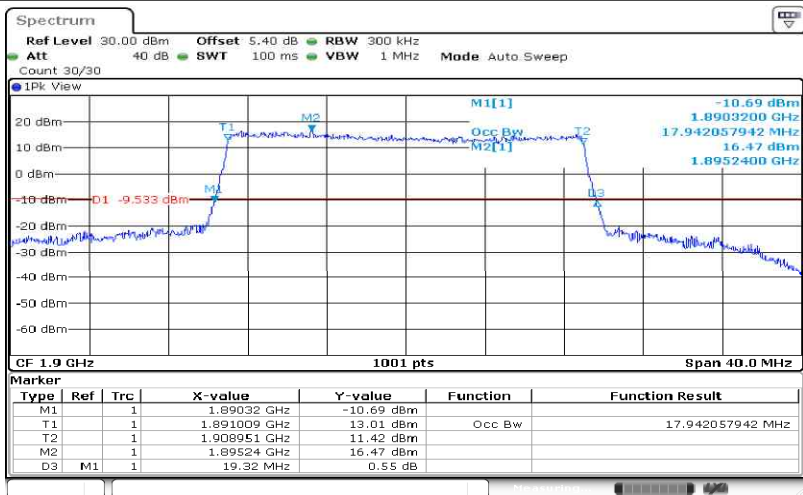


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Date: 27.MAY.2020 14:26:19

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



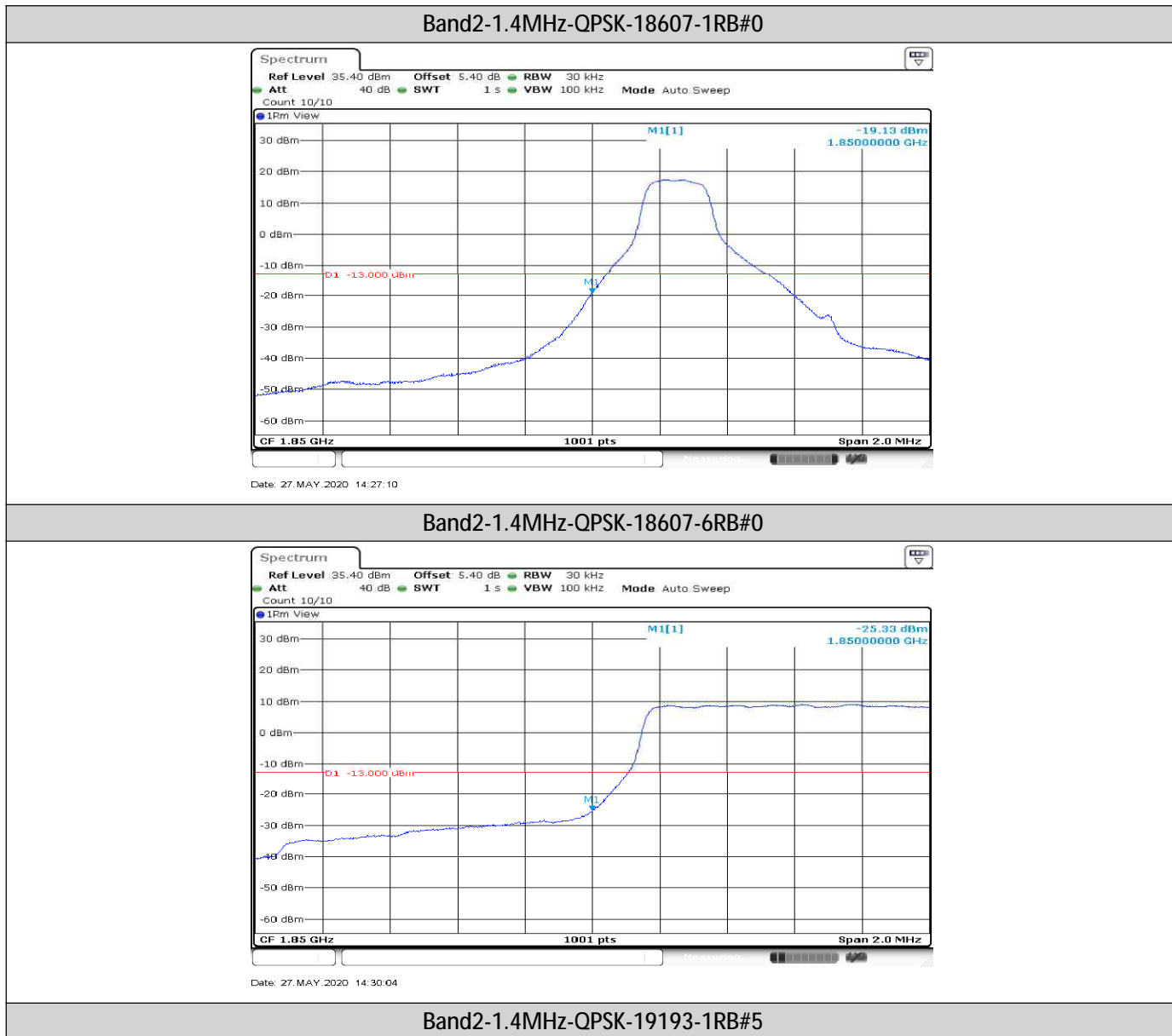
Date: 27.MAY.2020 14:26:44



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## 5. Band Edge Compliance

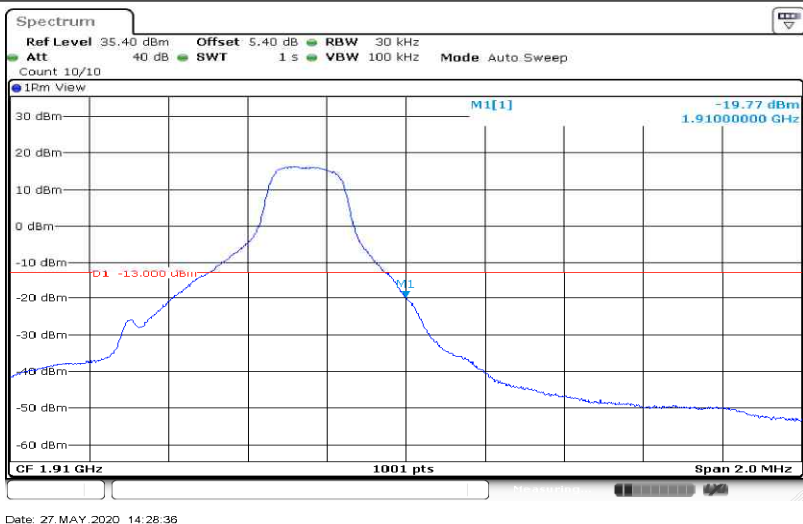
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**Band2-1.4MHz-QPSK-19193-6RB#0**



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



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Date: 28.MAY.2020 02:09:13

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

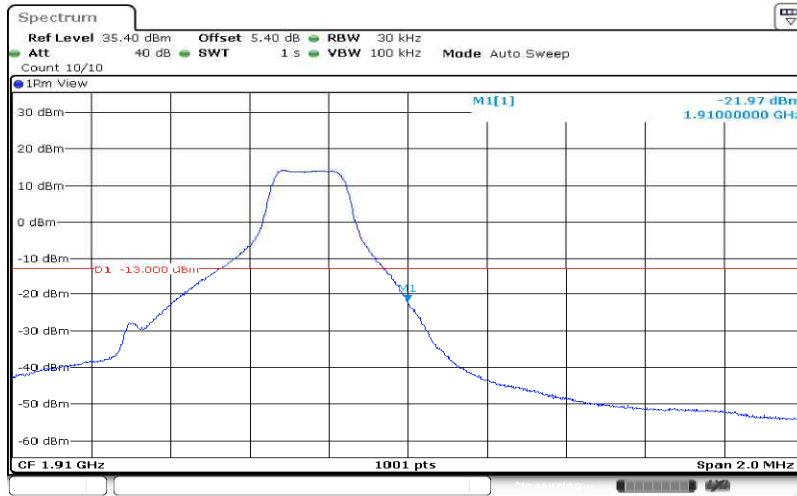


Date: 28.MAY.2020 02:10:44

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



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Date: 28.MAY.2020 02:09:59

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

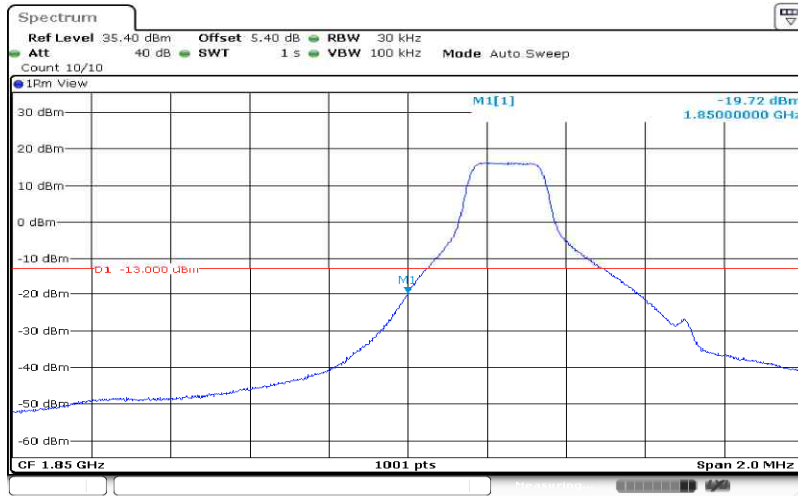


Date: 28.MAY.2020 02:11:05

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



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Date: 27.MAY.2020 14:27:31

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



Date: 27.MAY.2020 14:30:24

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

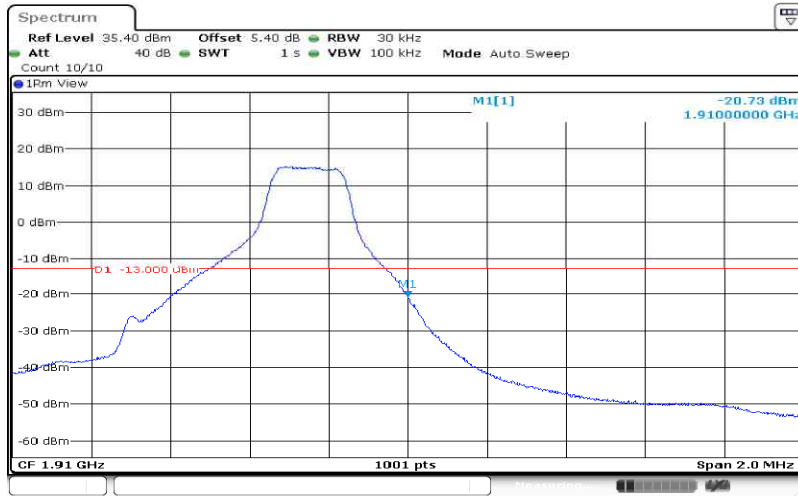


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Date: 27.MAY.2020 14:28:57

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

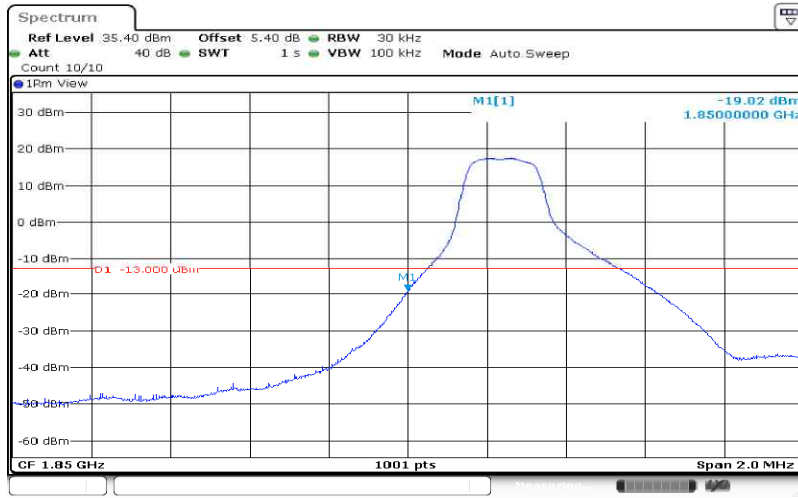


Date: 27.MAY.2020 14:31:06

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



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Date: 27.MAY.2020 14:31:31

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

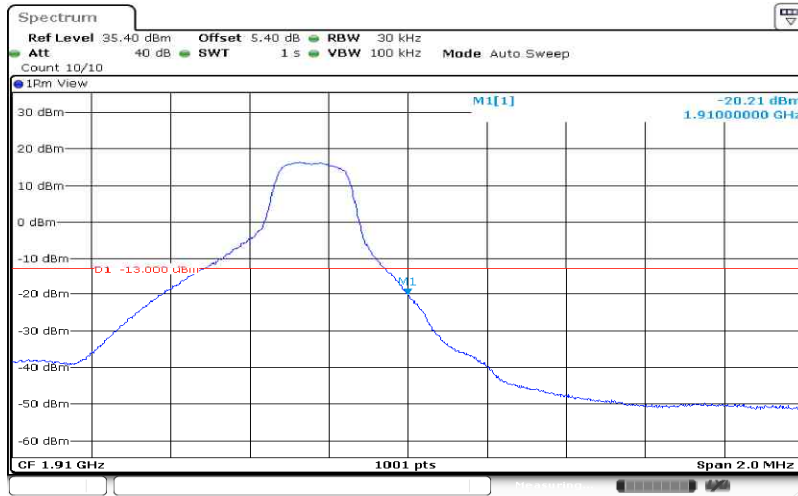


Date: 27.MAY.2020 14:34:25

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



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Date: 27.MAY.2020 14:32:59

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



Date: 27.MAY.2020 14:35:07

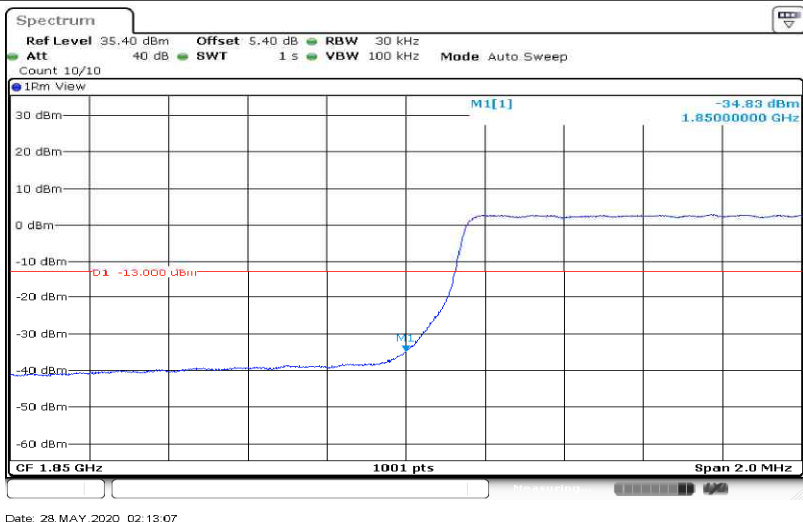
**Band2-3MHz-64QAM-18615-1RB#0**



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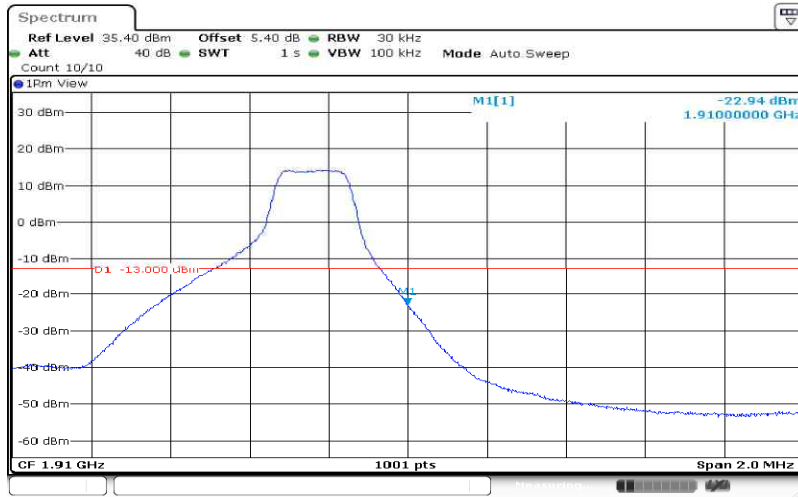
Band2-3MHz-64QAM-18615-15RB#0



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



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Date: 28.MAY.2020 02:12:21

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

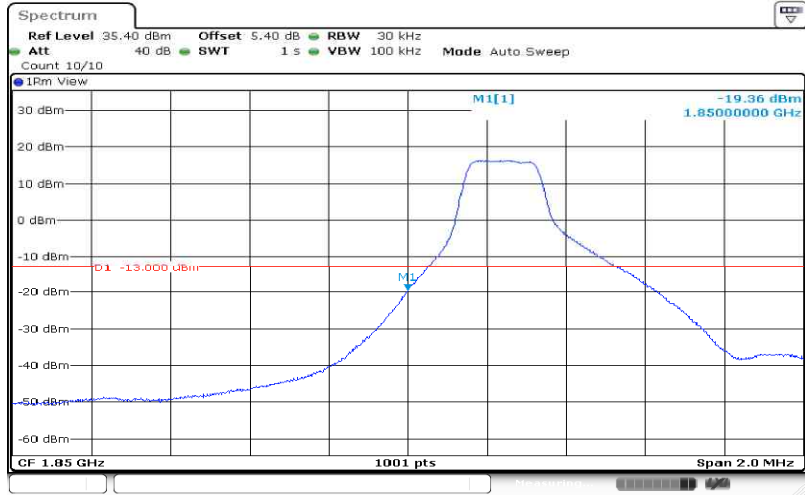


Date: 28.MAY.2020 02:13:27

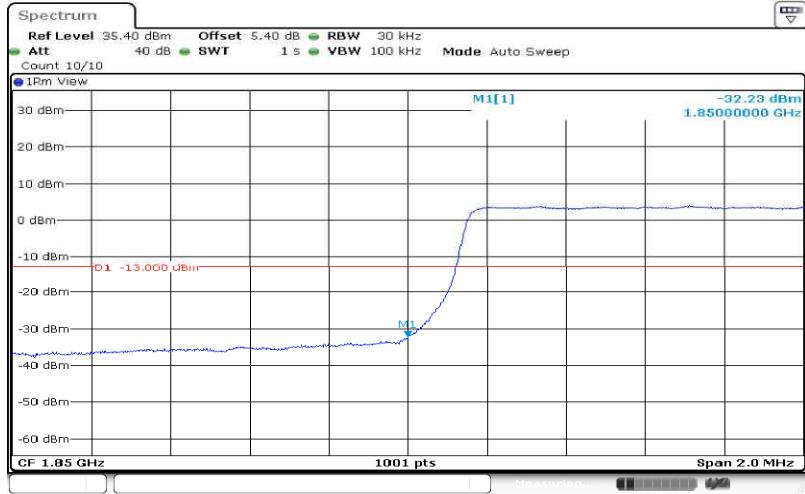
**Band2-3MHz-16QAM-18615-1RB#0**



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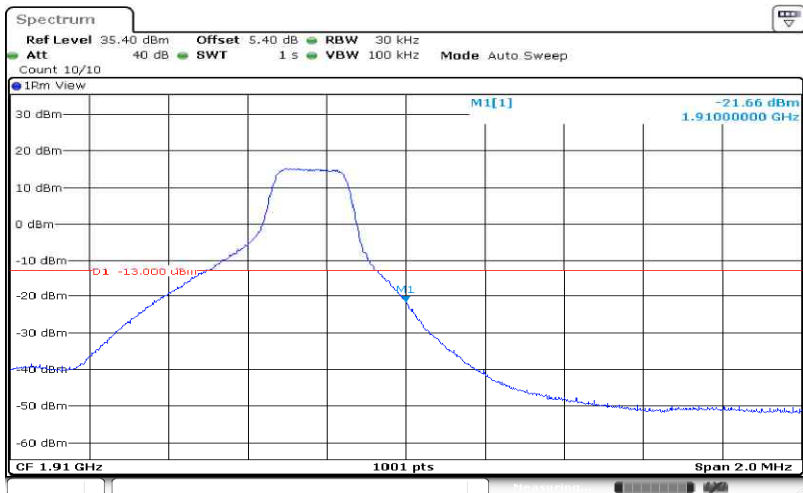
Band2-3MHz-16QAM-18615-15RB#0



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



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Date: 27.MAY.2020 14:33:19

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



Date: 27.MAY.2020 14:35:28

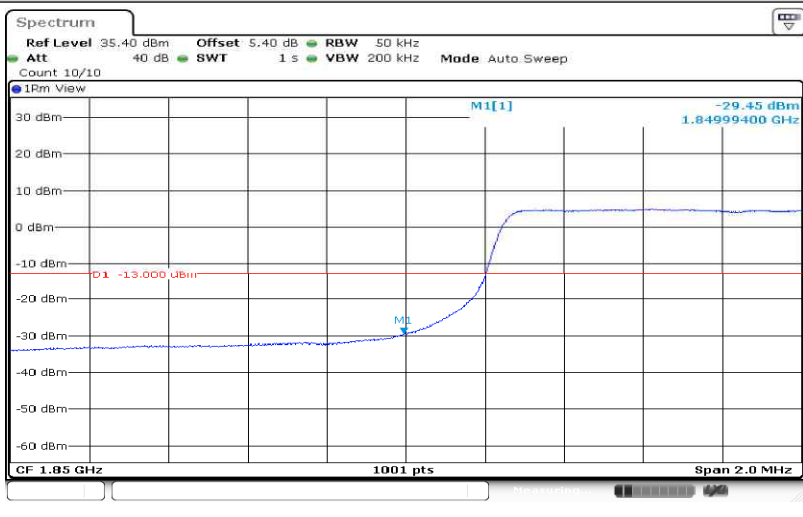
Band2-5MHz-QPSK-18625-1RB#0



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

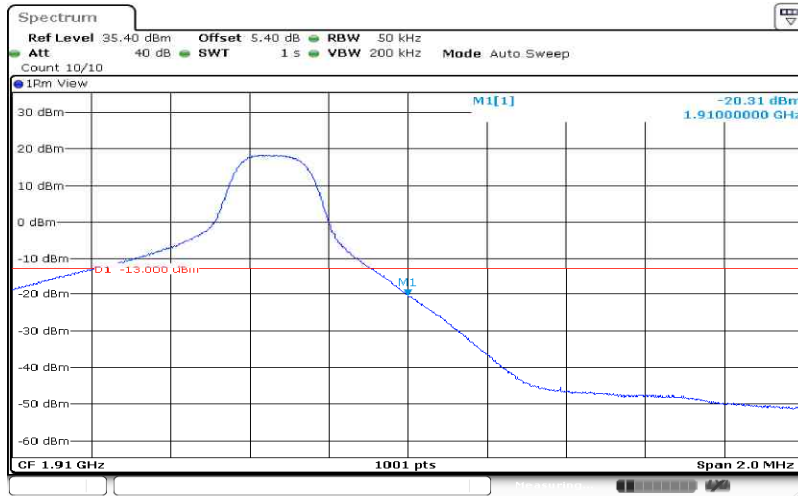


Band2-5MHz-QPSK-19175-1RB#24



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Date: 27.MAY.2020 14:37:20

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



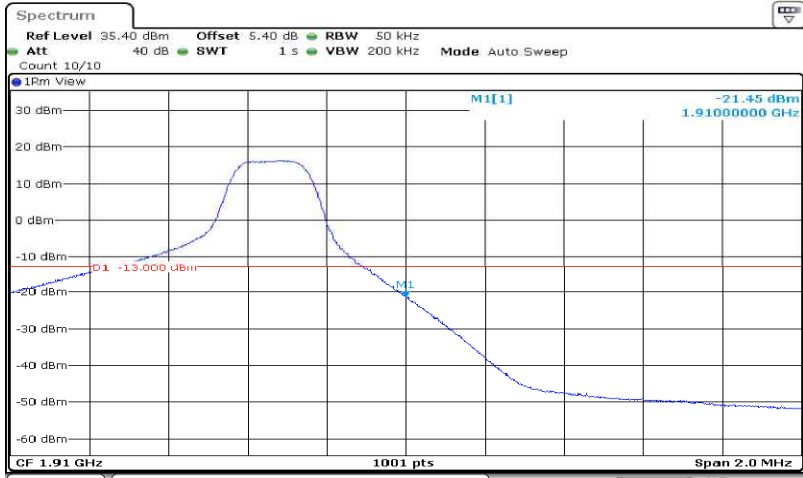
Date: 27.MAY.2020 14:39:29

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



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Date: 28.MAY.2020 02:14:39

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



Date: 28.MAY.2020 02:15:45

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



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



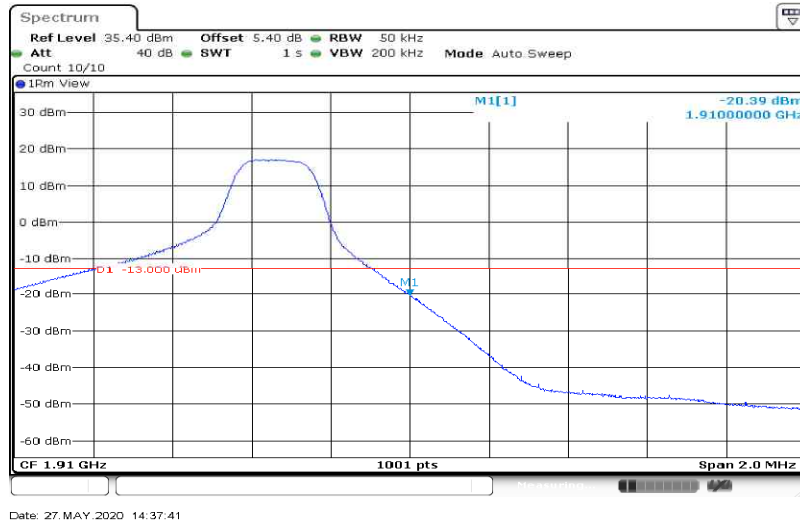
Band2-5MHz-16QAM-19175-1RB#24



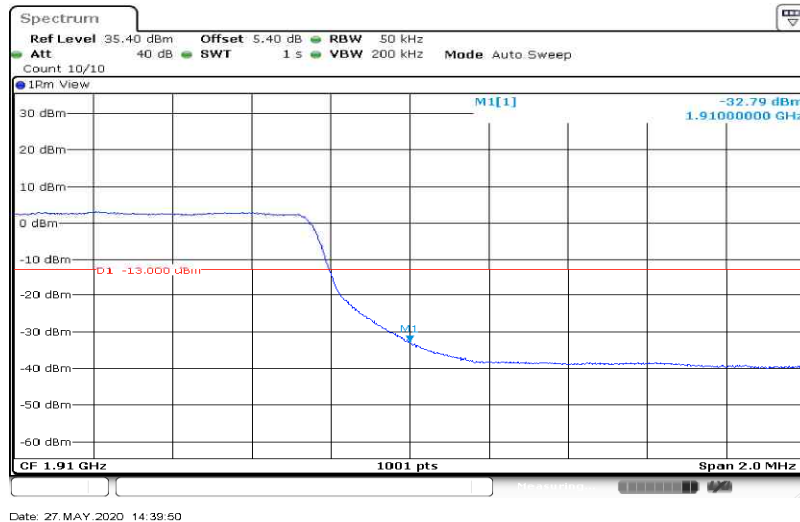
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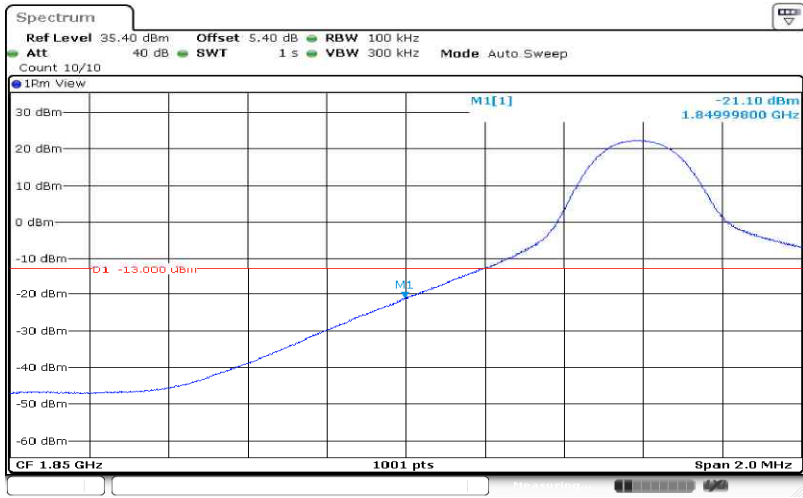
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**Band2-10MHz-QPSK-18650-1RB#0**



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Date: 27.MAY.2020 14:40:15

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

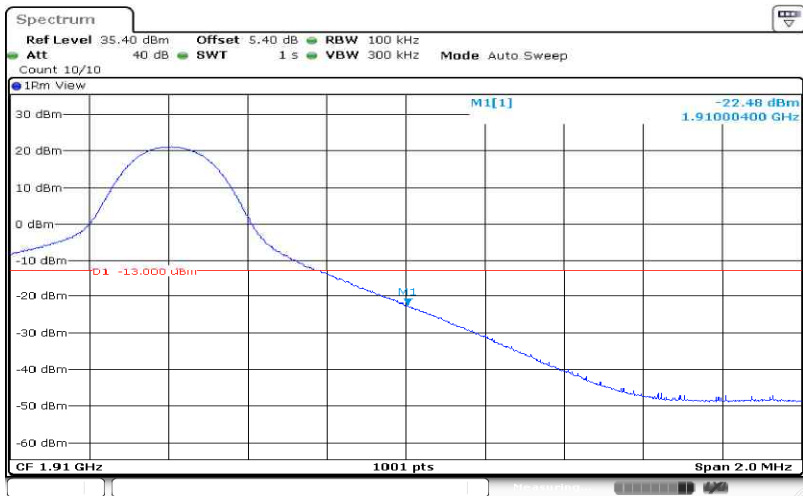


Date: 27.MAY.2020 14:43:11

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



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Date: 27.MAY.2020 14:41:42

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



Date: 27.MAY.2020 14:43:53

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



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



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



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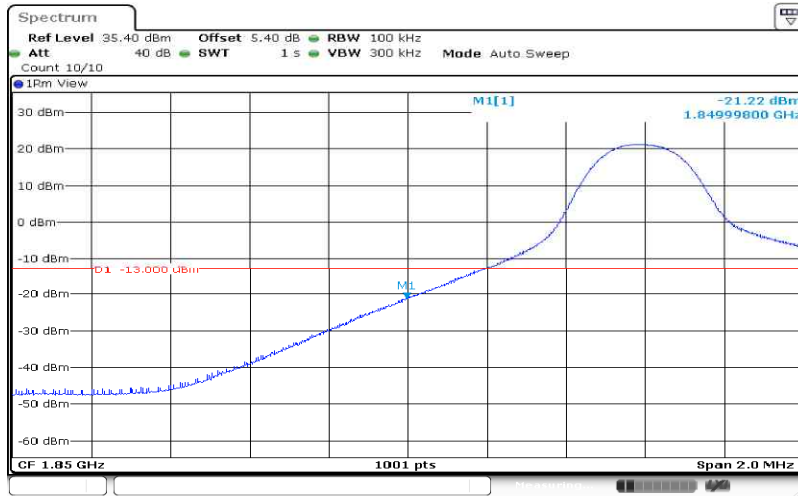
**Band2-10MHz-64QAM-19150-50RB#0**



**Band2-10MHz-16QAM-18650-1RB#0**

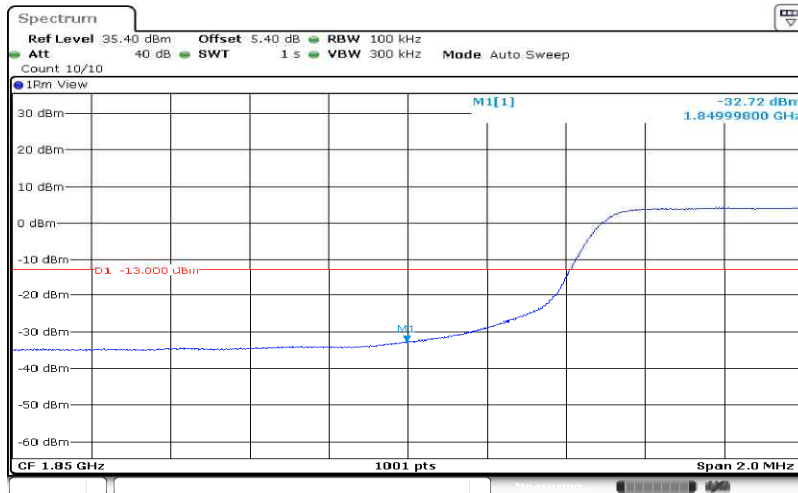


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Date: 27.MAY.2020 14:40:36

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

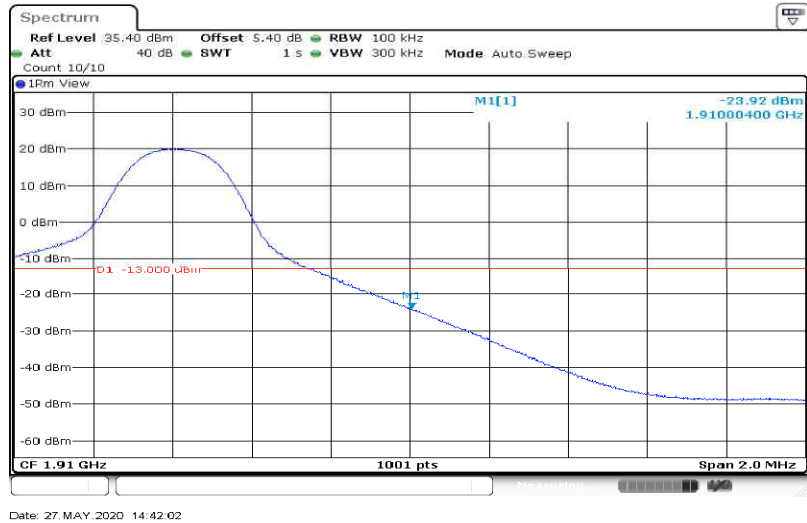


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**Band2-10MHz-16QAM-19150-1RB#49**



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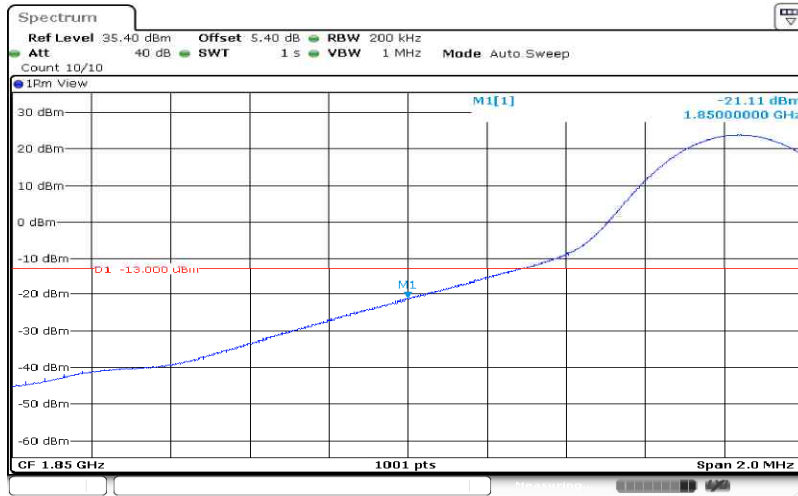
Band2-10MHz-16QAM-19150-50RB#0



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

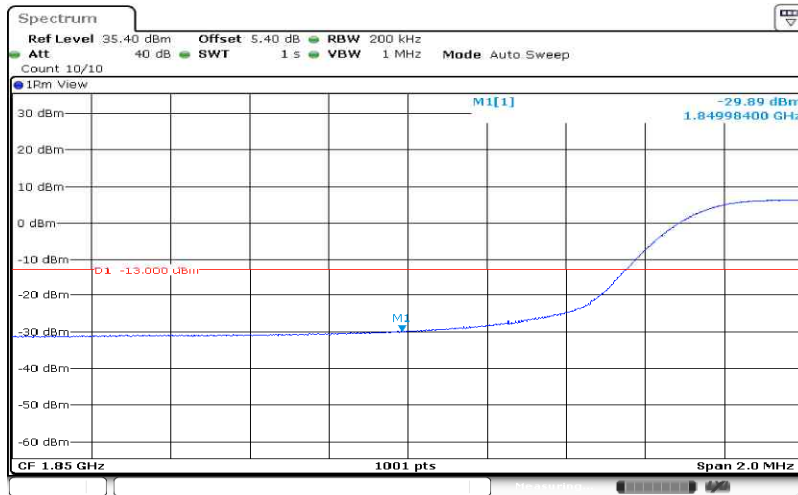


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Date: 27.MAY.2020 14:44:39

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



Date: 27.MAY.2020 14:47:33

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



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Date: 27.MAY.2020 14:46:06

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



Date: 27.MAY.2020 14:48:15

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



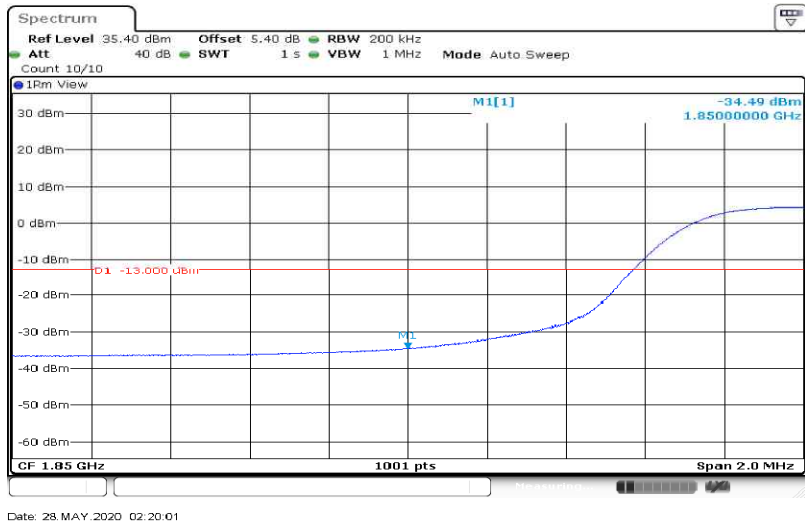
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Band2-15MHz-64QAM-18675-75RB#0



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



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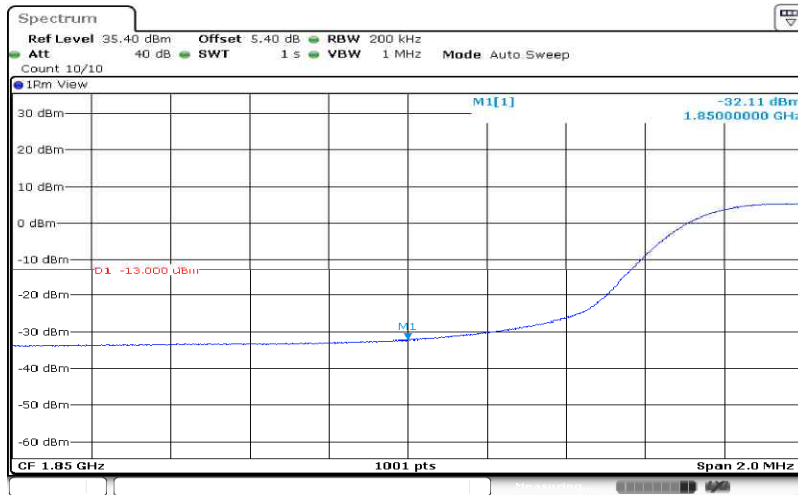
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Date: 27.MAY.2020 14:44:59

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



Date: 27.MAY.2020 14:47:53

**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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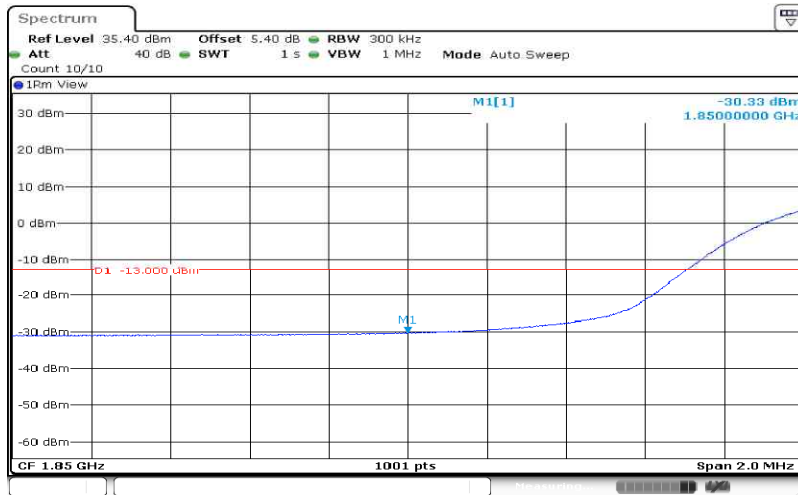
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Date: 27.MAY.2020 14:49:01

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

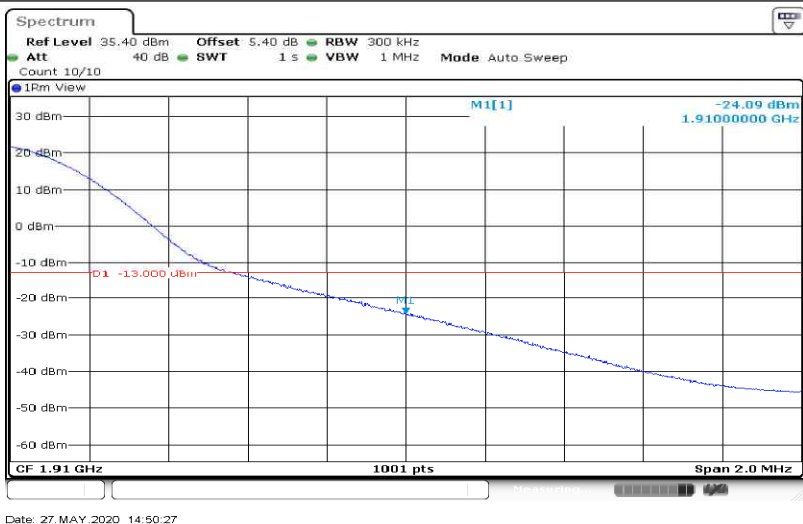


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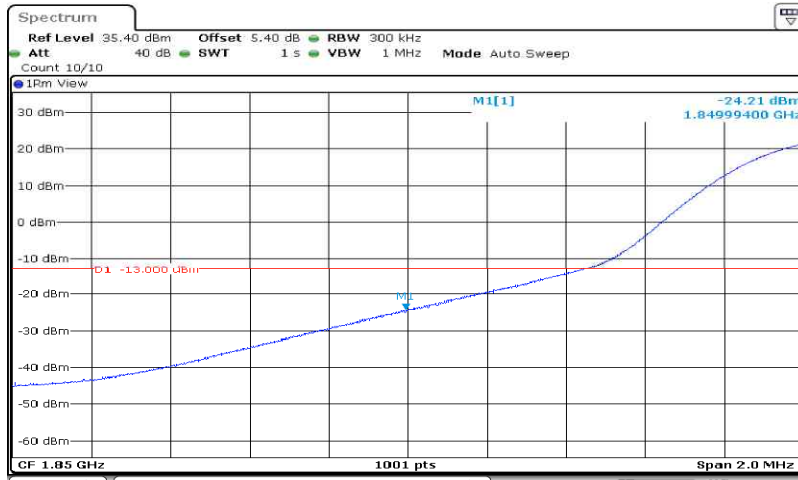
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Band2-20MHz-64QAM-18700-1RB#0

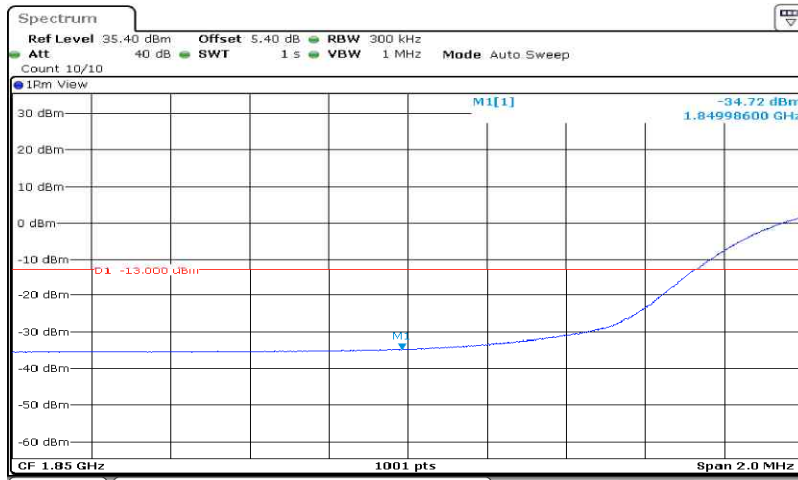


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Date: 28.MAY.2020 02:20:58

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



Date: 28.MAY.2020 02:22:29

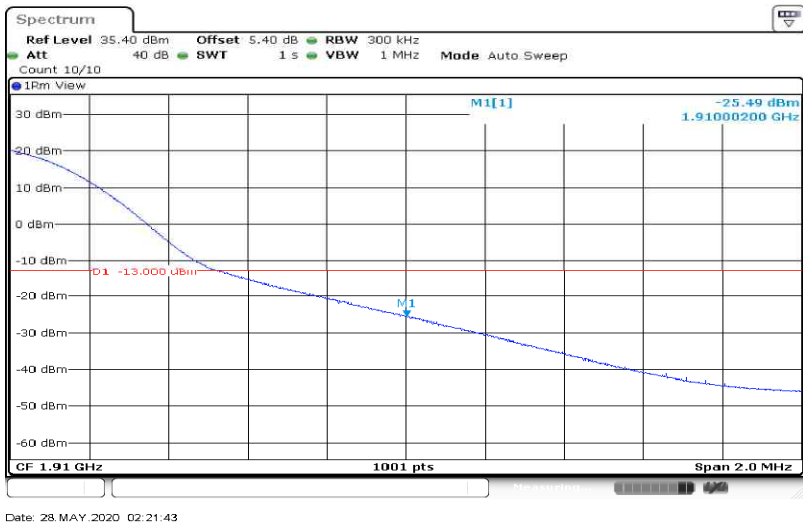
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**Band2-20MHz-64QAM-19100-100RB#0**



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



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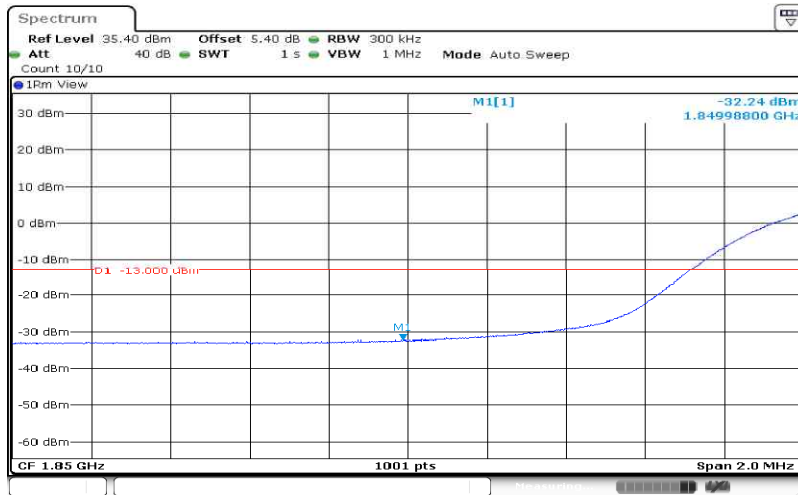
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Date: 27.MAY.2020 14:49:21

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



Date: 27.MAY.2020 14:52:15

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



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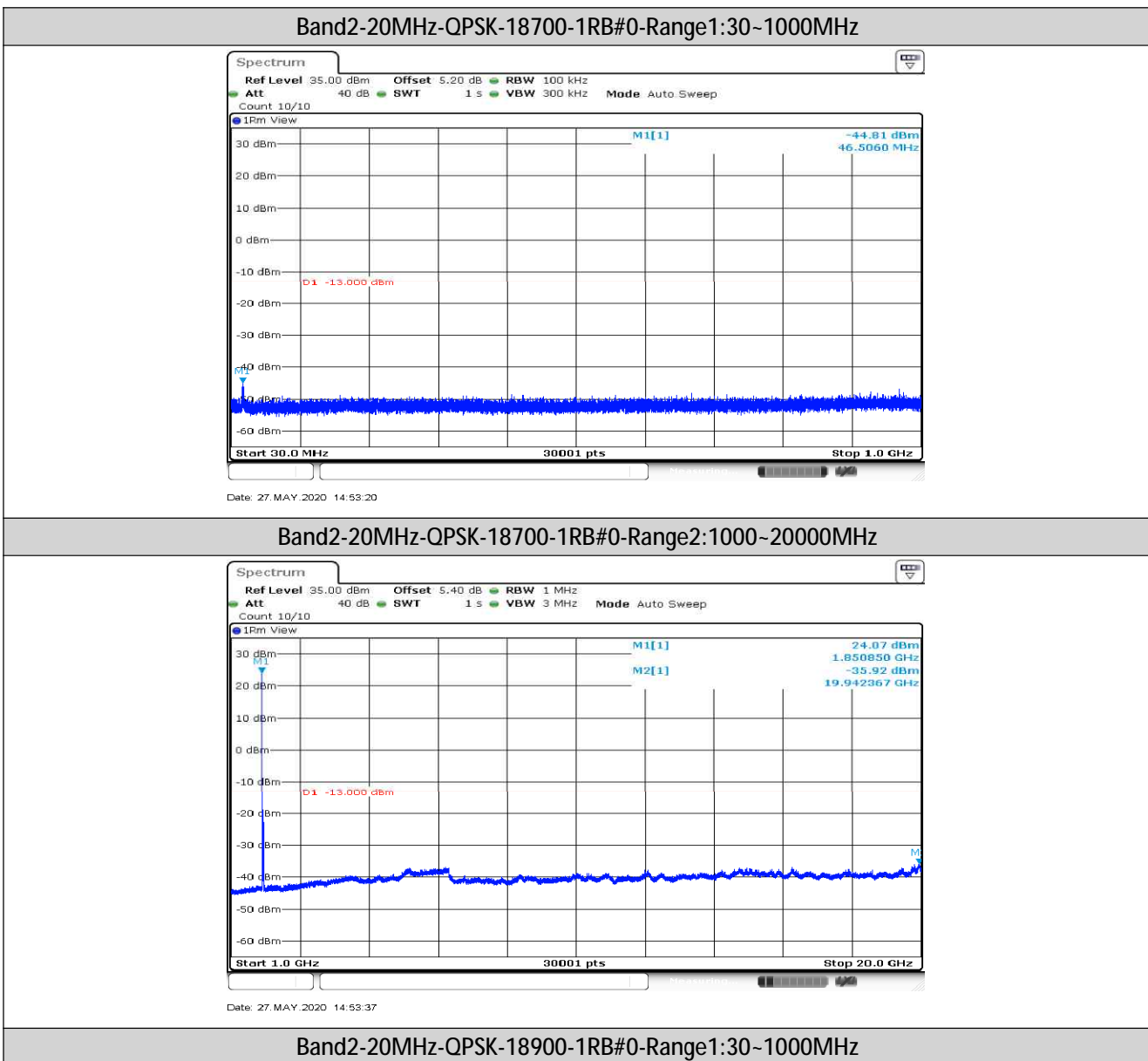


## 6. Spurious Emission at Antenna Terminal

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

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

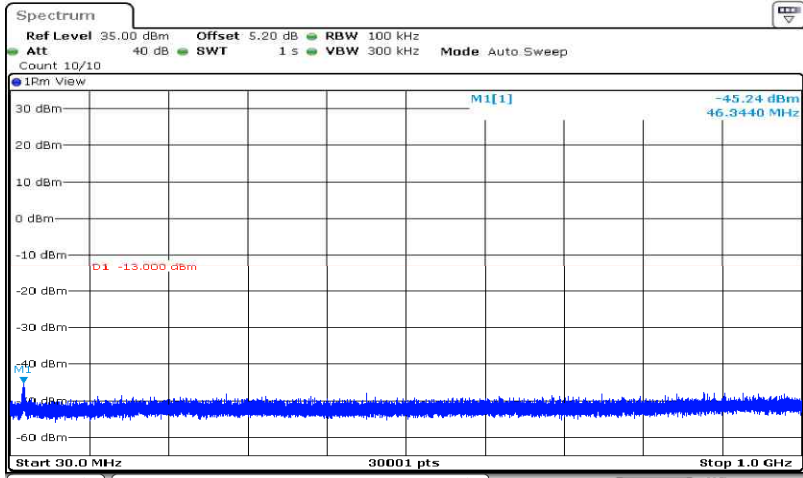
### 6.1. Test Plots



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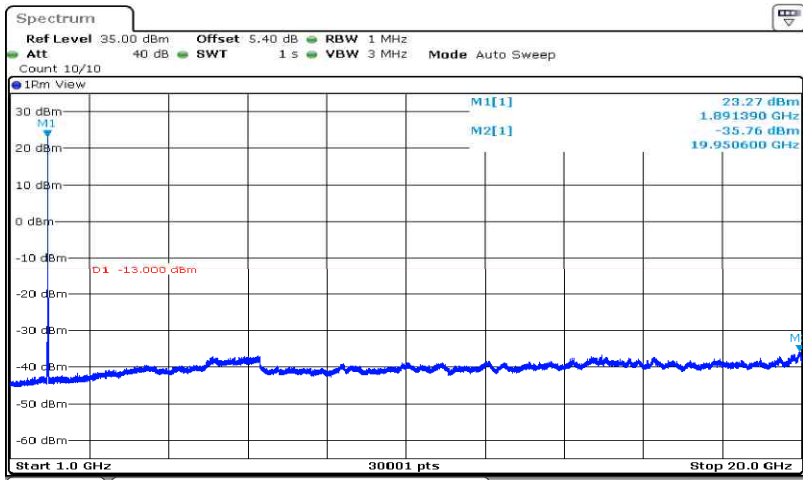






Date: 27.MAY.2020 14:55:41

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

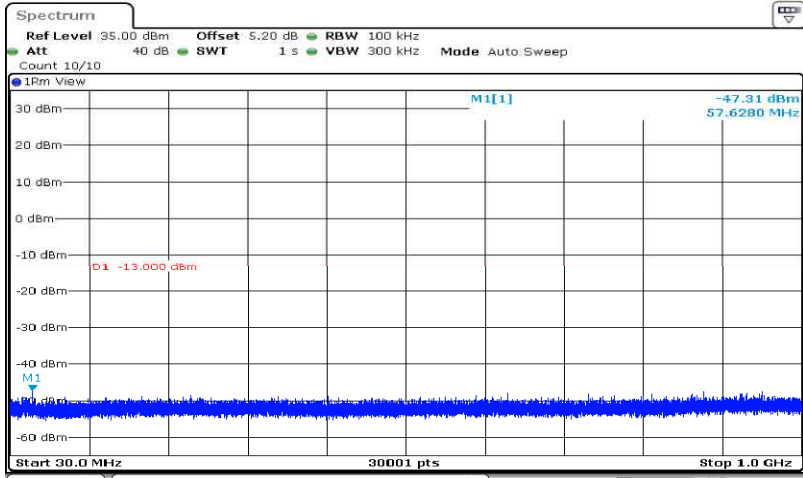


Date: 27.MAY.2020 14:55:58

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

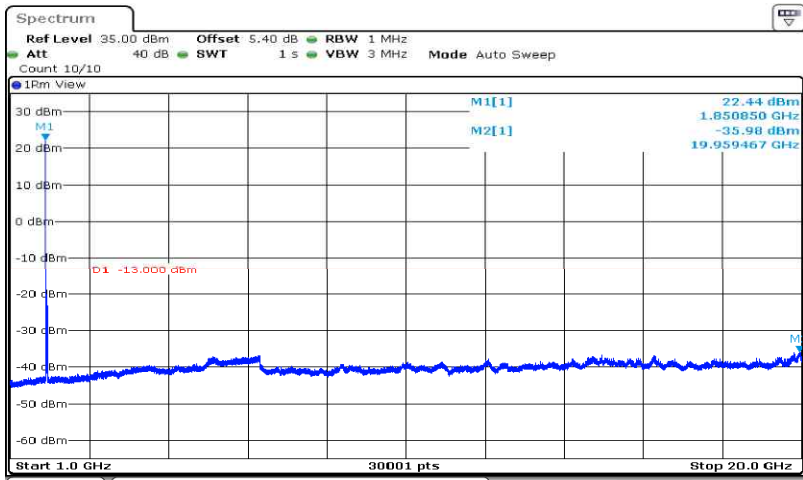


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Date: 28.MAY.2020 02:23:20

**Band2-20MHz-64QAM-18700-1RB#0-Range2:1000~20000MHz**

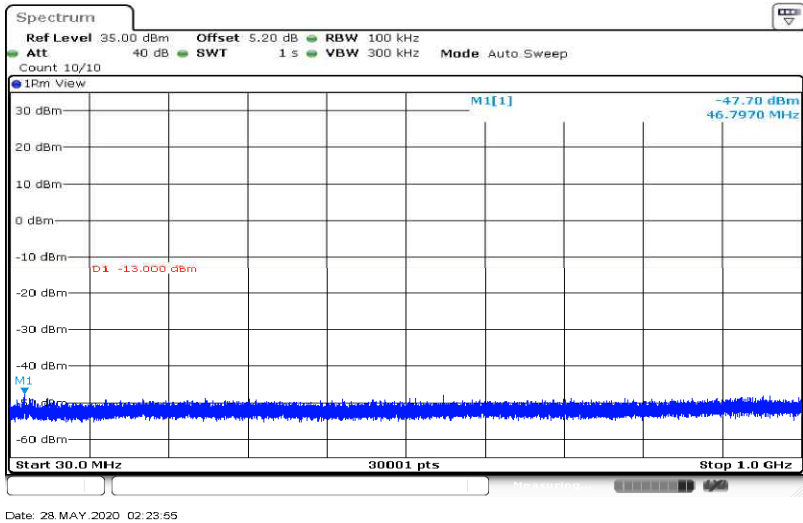


Date: 28.MAY.2020 02:23:36

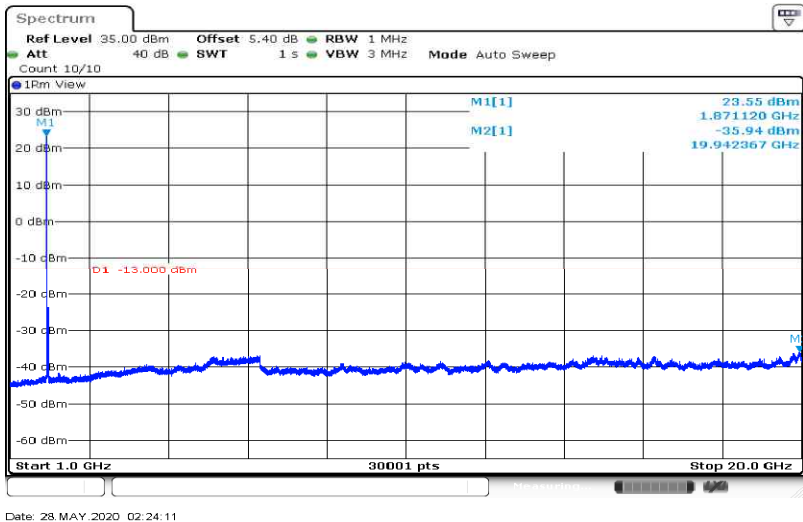
**Band2-20MHz-64QAM-18900-1RB#0-Range1:30~1000MHz**



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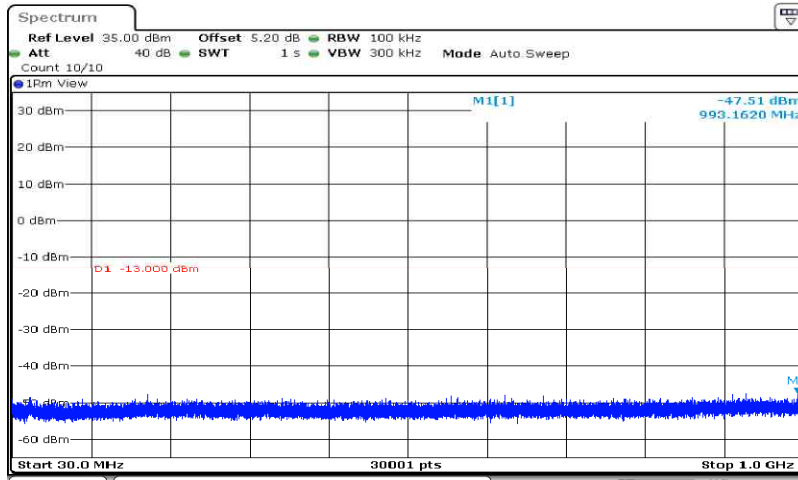
**Band2-20MHz-64QAM-18900-1RB#0-Range2:1000~20000MHz**



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

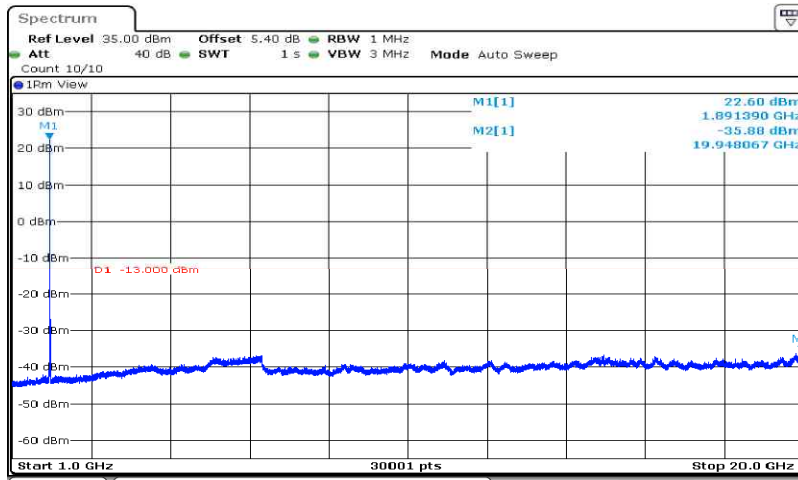


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Date: 28.MAY.2020 02:24:30

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

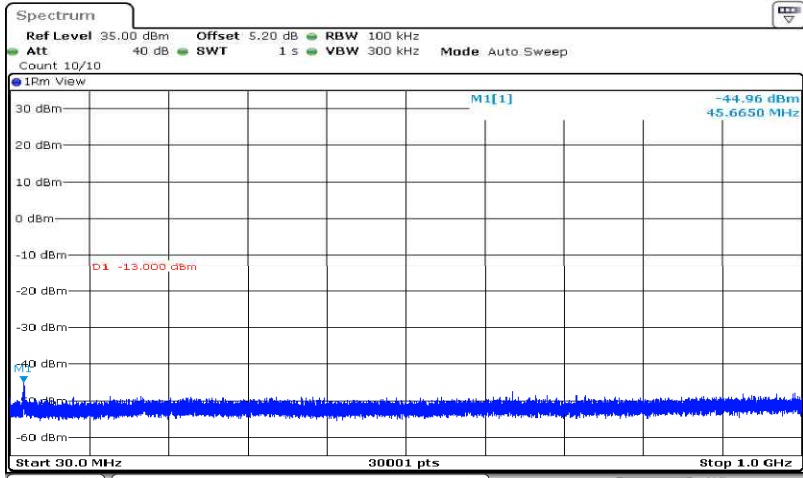


Date: 28.MAY.2020 02:24:46

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

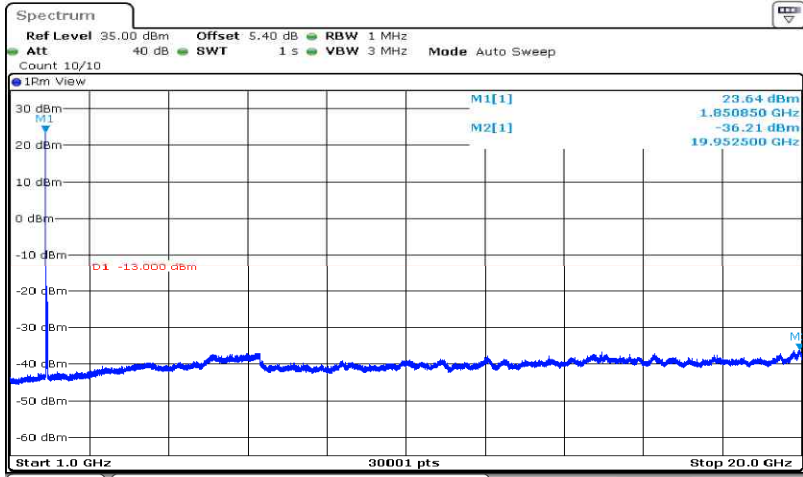


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Date: 27.MAY.2020 14:53:56

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

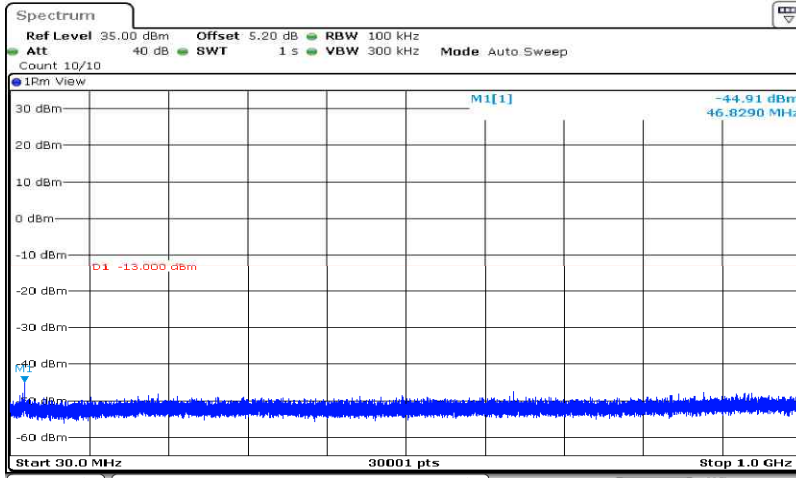


Date: 27.MAY.2020 14:54:12

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

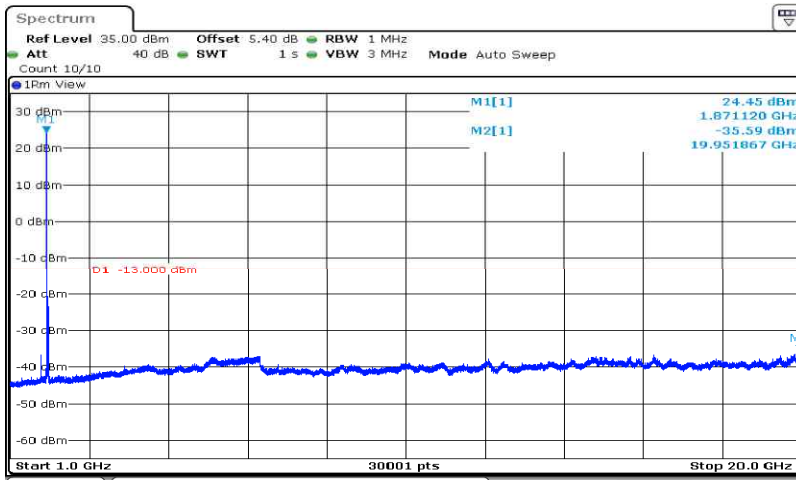


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Date: 27.MAY.2020 14:55:06

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

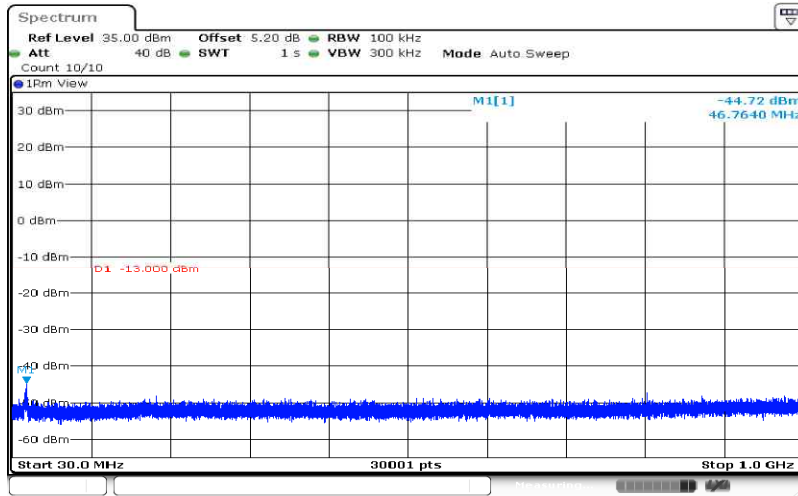


Date: 27.MAY.2020 14:55:22

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

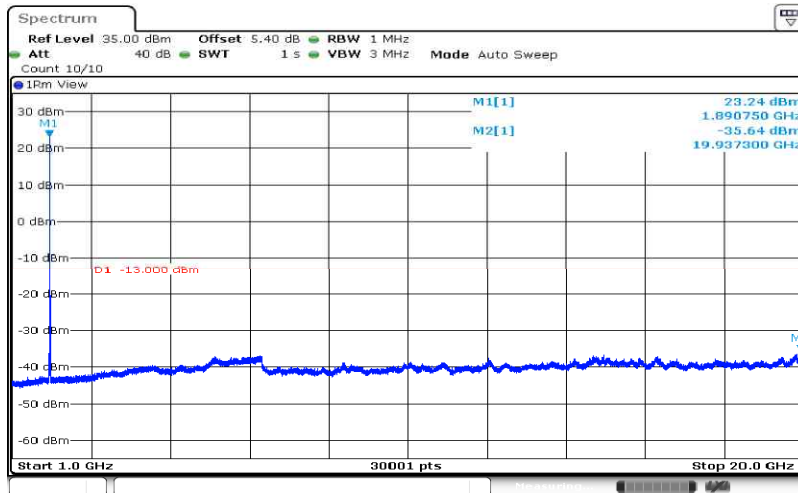


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Date: 27.MAY.2020 14:56:17

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



Date: 27.MAY.2020 14:56:33



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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
111.6296	-63.87	-13.00	50.87	Vertical
609.0220	-64.54	-13.00	51.54	Vertical
2700.7401	-37.60	-13.00	24.60	Vertical
3702.5234	-60.57	-13.00	47.57	Vertical
14488.8830	-47.30	-13.00	34.30	Vertical
17999.0000	-40.08	-13.00	27.08	Vertical
41.3011	-64.65	-13.00	51.65	Horizontal
240.1610	-68.62	-13.00	55.62	Horizontal
2703.1406	-36.29	-13.00	23.29	Horizontal
3702.0234	-52.36	-13.00	39.36	Horizontal
16393.9465	-43.57	-13.00	30.57	Horizontal
17995.9999	-44.76	-13.00	31.76	Horizontal

#### 7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
112.5026	-64.93	-13.00	51.93	Vertical
616.4428	-63.86	-13.00	50.86	Vertical
2697.1394	-37.53	-13.00	24.53	Vertical
3742.0247	-57.86	-13.00	44.86	Vertical
14693.8898	-47.91	-13.00	34.91	Vertical
17996.9999	-39.98	-13.00	26.98	Vertical
45.5693	-63.68	-13.00	50.68	Horizontal
238.8514	-69.20	-13.00	56.20	Horizontal
2699.9400	-36.39	-13.00	23.39	Horizontal
3742.0247	-50.83	-13.00	37.83	Horizontal
16396.4465	-43.55	-13.00	30.55	Horizontal
17997.4999	-44.88	-13.00	31.88	Horizontal



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### 7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
108.8164	-65.15	-13.00	52.15	Vertical
758.6519	-63.10	-13.00	50.10	Vertical
2698.3397	-37.62	-13.00	24.62	Vertical
3782.0261	-57.88	-13.00	44.88	Vertical
14487.8829	-46.99	-13.00	33.99	Vertical
17999.5000	-39.59	-13.00	26.59	Vertical
42.7561	-63.90	-13.00	50.90	Horizontal
697.0539	-63.53	-13.00	50.53	Horizontal
2704.3409	-36.21	-13.00	23.21	Horizontal
3782.0261	-50.59	-13.00	37.59	Horizontal
16392.9464	-43.56	-13.00	30.56	Horizontal
16392.9464	-43.56	-13.00	30.56	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	-0.50	-0.000269	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VN	NT	-0.20	-0.000108	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VH	NT	-4.50	-0.002419	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	-7.90	-0.004202	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	4.30	0.002287	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	-6.70	-0.003564	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VL	NT	-12.20	-0.006421	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VN	NT	-6.20	-0.003263	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VH	NT	-7.30	-0.003842	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VL	NT	-5.20	-0.002796	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VN	NT	-2.70	-0.001452	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VH	NT	-0.50	-0.000269	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VL	NT	-10.70	-0.005691	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VN	NT	-4.50	-0.002394	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VH	NT	-5.70	-0.003032	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VL	NT	-6.60	-0.003474	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VN	NT	-3.10	-0.001632	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VH	NT	-7.90	-0.004158	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VL	NT	0.30	0.000161	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VN	NT	-3.90	-0.002097	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VH	NT	-0.90	-0.000484	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VL	NT	-4.10	-0.002181	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VN	NT	-4.60	-0.002447	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VH	NT	-4.10	-0.002181	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VL	NT	-1.80	-0.000947	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VN	NT	-5.10	-0.002684	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VH	NT	-5.50	-0.002895	±2.5	PASS

### 8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
------	-----------	------------	---------	--------------	---------------	------------------	----------------	-----------------	-------------	---------



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Band2	20MHz	QPSK	18700	100RB#0	NV	-30	0.40	0.000215	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-20	2.40	0.001290	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	0	3.20	0.001720	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	10	0.20	0.000108	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	20	2.10	0.001129	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	30	3.40	0.001828	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	40	1.40	0.000753	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	50	0.40	0.000215	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	-7.60	-0.004043	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	-7.30	-0.003883	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	-3.30	-0.001755	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	-0.50	-0.000266	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	-4.70	-0.002500	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	-3.40	-0.001809	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	-5.60	-0.002979	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	-4.50	-0.002394	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-30	-8.00	-0.004211	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-20	-10.10	-0.005316	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	0	-7.70	-0.004053	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	10	-7.60	-0.004000	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	20	-8.40	-0.004421	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	30	-10.00	-0.005263	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	40	-7.50	-0.003947	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	50	-6.00	-0.003158	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-30	-2.30	-0.001237	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-20	0.20	0.000108	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	0	-8.50	-0.004570	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	10	-7.90	-0.004247	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	20	-3.80	-0.002043	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	30	-8.40	-0.004516	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	40	-9.00	-0.004839	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	50	-6.80	-0.003656	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-30	-5.20	-0.002766	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-20	-13.40	-0.007128	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	0	-11.60	-0.006170	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	10	-11.30	-0.006011	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	20	-16.70	-0.008883	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	30	-10.40	-0.005532	±2.5	PASS



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Band2	20MHz	64QAM	18900	100RB#0	NV	40	-6.10	-0.003245	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	50	-12.70	-0.006755	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-30	-2.30	-0.001211	±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	0	-6.50	-0.003421	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	10	-5.30	-0.002789	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	20	-5.80	-0.003053	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	30	-4.80	-0.002526	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	40	-7.40	-0.003895	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	50	-9.90	-0.005211	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-30	-4.00	-0.002151	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-20	1.90	0.001022	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	0	-5.30	-0.002849	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	10	-7.80	-0.004194	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	20	-0.90	-0.000484	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	30	-6.20	-0.003333	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	40	-2.30	-0.001237	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	50	-0.10	-0.000054	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-30	-2.50	-0.001330	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-20	-4.90	-0.002606	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	0	-9.60	-0.005106	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	10	-11.20	-0.005957	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	20	-7.90	-0.004202	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	30	-6.70	-0.003564	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	40	-5.90	-0.003138	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	50	-5.40	-0.002872	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-30	-7.80	-0.004105	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-20	-10.80	-0.005684	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	0	-3.90	-0.002053	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	10	-5.40	-0.002842	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	20	-5.50	-0.002895	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	30	-9.10	-0.004789	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	40	0.20	0.000105	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	50	-10.40	-0.005474	±2.5	PASS



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