



Appendix B

E-UTRA Band 2



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

ANT0:

Band	Bandwidth h	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	23.92	23.62	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	23.95	23.65	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	24.10	23.80	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	24.02	23.72	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	24.03	23.73	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	24.17	23.87	33.00	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	23.00	22.70	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	24.16	23.86	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	24.05	23.75	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	24.16	23.86	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	24.00	23.70	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	23.97	23.67	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	23.98	23.68	33.00	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	23.13	22.83	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	24.14	23.84	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	24.00	23.70	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	24.13	23.83	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	24.22	23.92	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	24.03	23.73	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	24.14	23.84	33.00	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	23.13	22.83	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	23.01	22.71	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.81	22.51	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	23.19	22.89	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	22.98	22.68	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	23.07	22.77	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	22.97	22.67	33.00	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	22.09	21.79	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	23.37	23.07	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.85	22.55	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.88	22.58	33.00	PASS



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Band2	1.4MHz	16QAM	18900	3RB#0	23.12	22.82	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	23.06	22.76	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	22.93	22.63	33.00	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	22.10	21.80	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	23.14	22.84	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	23.12	22.82	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	23.16	22.86	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	23.12	22.82	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	23.24	22.94	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	23.07	22.77	33.00	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	22.34	22.04	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	21.83	21.53	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#2	21.89	21.59	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#5	22.06	21.76	33.00	PASS
Band2	1.4MHz	64QAM	18607	3RB#0	22.00	21.70	33.00	PASS
Band2	1.4MHz	64QAM	18607	3RB#1	21.99	21.69	33.00	PASS
Band2	1.4MHz	64QAM	18607	3RB#3	22.16	21.86	33.00	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	20.91	20.61	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#0	22.10	21.80	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#2	22.01	21.71	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#5	22.15	21.85	33.00	PASS
Band2	1.4MHz	64QAM	18900	3RB#0	21.92	21.62	33.00	PASS
Band2	1.4MHz	64QAM	18900	3RB#1	21.94	21.64	33.00	PASS
Band2	1.4MHz	64QAM	18900	3RB#3	21.90	21.60	33.00	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	21.09	20.79	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	22.09	21.79	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#2	21.95	21.65	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	22.06	21.76	33.00	PASS
Band2	1.4MHz	64QAM	19193	3RB#0	22.21	21.91	33.00	PASS
Band2	1.4MHz	64QAM	19193	3RB#1	21.99	21.69	33.00	PASS
Band2	1.4MHz	64QAM	19193	3RB#3	22.12	21.82	33.00	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	21.05	20.75	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.92	23.62	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#8	24.12	23.82	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#14	24.11	23.81	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#0	23.05	22.75	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#4	23.00	22.70	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#7	22.94	22.64	33.00	PASS



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Band2	3MHz	QPSK	18615	15RB#0	22.96	22.66	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#0	24.16	23.86	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#8	24.20	23.90	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#14	24.01	23.71	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#0	23.04	22.74	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#4	22.99	22.69	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#7	22.96	22.66	33.00	PASS
Band2	3MHz	QPSK	18900	15RB#0	23.02	22.72	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#0	24.06	23.76	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#8	24.15	23.85	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#14	24.26	23.96	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#0	23.09	22.79	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#4	23.18	22.88	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#7	23.10	22.80	33.00	PASS
Band2	3MHz	QPSK	19185	15RB#0	23.09	22.79	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.99	22.69	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.96	22.66	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#14	23.32	23.02	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#0	22.14	21.84	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#4	22.16	21.86	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#7	21.97	21.67	33.00	PASS
Band2	3MHz	16QAM	18615	15RB#0	22.11	21.81	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#0	23.32	23.02	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#8	23.12	22.82	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#14	23.35	23.05	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#0	22.16	21.86	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#4	22.00	21.70	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#7	22.08	21.78	33.00	PASS
Band2	3MHz	16QAM	18900	15RB#0	22.06	21.76	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#0	23.48	23.18	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#8	23.07	22.77	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#14	23.46	23.16	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#0	22.27	21.97	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#4	22.09	21.79	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#7	22.04	21.74	33.00	PASS
Band2	3MHz	16QAM	19185	15RB#0	22.14	21.84	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#0	21.85	21.55	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#8	22.09	21.79	33.00	PASS



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Band2	3MHz	64QAM	18615	1RB#14	22.09	21.79	33.00	PASS
Band2	3MHz	64QAM	18615	8RB#0	21.04	20.74	33.00	PASS
Band2	3MHz	64QAM	18615	8RB#4	20.91	20.61	33.00	PASS
Band2	3MHz	64QAM	18615	8RB#7	20.89	20.59	33.00	PASS
Band2	3MHz	64QAM	18615	15RB#0	20.92	20.62	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#0	22.10	21.80	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#8	22.18	21.88	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#14	21.99	21.69	33.00	PASS
Band2	3MHz	64QAM	18900	8RB#0	21.00	20.70	33.00	PASS
Band2	3MHz	64QAM	18900	8RB#4	20.97	20.67	33.00	PASS
Band2	3MHz	64QAM	18900	8RB#7	20.88	20.58	33.00	PASS
Band2	3MHz	64QAM	18900	15RB#0	21.00	20.70	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#0	22.04	21.74	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#8	22.06	21.76	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#14	22.17	21.87	33.00	PASS
Band2	3MHz	64QAM	19185	8RB#0	21.08	20.78	33.00	PASS
Band2	3MHz	64QAM	19185	8RB#4	21.15	20.85	33.00	PASS
Band2	3MHz	64QAM	19185	8RB#7	21.07	20.77	33.00	PASS
Band2	3MHz	64QAM	19185	15RB#0	21.01	20.71	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#0	23.95	23.65	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#12	24.10	23.80	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#24	24.06	23.76	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#0	22.96	22.66	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#6	23.01	22.71	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#13	22.96	22.66	33.00	PASS
Band2	5MHz	QPSK	18625	25RB#0	23.08	22.78	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#0	24.09	23.79	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#12	24.07	23.77	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#24	24.17	23.87	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#0	23.01	22.71	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#6	23.06	22.76	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#13	22.98	22.68	33.00	PASS
Band2	5MHz	QPSK	18900	25RB#0	23.04	22.74	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#0	24.23	23.93	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#12	24.27	23.97	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#24	24.13	23.83	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#0	23.22	22.92	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#6	23.08	22.78	33.00	PASS



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Band2	5MHz	QPSK	19175	12RB#13	23.11	22.81	33.00	PASS
Band2	5MHz	QPSK	19175	25RB#0	23.13	22.83	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#0	23.31	23.01	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#12	23.32	23.02	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#24	23.08	22.78	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#0	21.94	21.64	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#6	21.96	21.66	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#13	21.99	21.69	33.00	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.96	21.66	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#0	22.88	22.58	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#12	23.41	23.11	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#24	23.12	22.82	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#0	22.04	21.74	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#6	22.00	21.70	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#13	21.96	21.66	33.00	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.99	21.69	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#0	23.35	23.05	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#12	23.13	22.83	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#24	23.39	23.09	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#0	22.09	21.79	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#6	22.02	21.72	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#13	21.99	21.69	33.00	PASS
Band2	5MHz	16QAM	19175	25RB#0	22.04	21.74	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#0	21.92	21.62	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#12	22.06	21.76	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#24	21.97	21.67	33.00	PASS
Band2	5MHz	64QAM	18625	12RB#0	20.92	20.62	33.00	PASS
Band2	5MHz	64QAM	18625	12RB#6	20.98	20.68	33.00	PASS
Band2	5MHz	64QAM	18625	12RB#13	20.93	20.63	33.00	PASS
Band2	5MHz	64QAM	18625	25RB#0	21.05	20.75	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#0	22.01	21.71	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#12	22.03	21.73	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#24	22.16	21.86	33.00	PASS
Band2	5MHz	64QAM	18900	12RB#0	20.99	20.69	33.00	PASS
Band2	5MHz	64QAM	18900	12RB#6	20.98	20.68	33.00	PASS
Band2	5MHz	64QAM	18900	12RB#13	20.94	20.64	33.00	PASS
Band2	5MHz	64QAM	18900	25RB#0	21.01	20.71	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#0	22.20	21.90	33.00	PASS



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Band2	5MHz	64QAM	19175	1RB#12	22.22	21.92	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#24	22.06	21.76	33.00	PASS
Band2	5MHz	64QAM	19175	12RB#0	21.16	20.86	33.00	PASS
Band2	5MHz	64QAM	19175	12RB#6	21.05	20.75	33.00	PASS
Band2	5MHz	64QAM	19175	12RB#13	21.08	20.78	33.00	PASS
Band2	5MHz	64QAM	19175	25RB#0	21.11	20.81	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#0	24.14	23.84	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#24	24.01	23.71	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#49	24.10	23.80	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#0	23.03	22.73	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#12	23.03	22.73	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#25	22.98	22.68	33.00	PASS
Band2	10MHz	QPSK	18650	50RB#0	23.01	22.71	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#0	24.15	23.85	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#24	24.05	23.75	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#49	24.13	23.83	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#0	23.02	22.72	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#12	23.02	22.72	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#25	22.94	22.64	33.00	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.99	22.69	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#0	24.14	23.84	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#24	24.10	23.80	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#49	24.13	23.83	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#0	23.06	22.76	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#12	23.11	22.81	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#25	23.03	22.73	33.00	PASS
Band2	10MHz	QPSK	19150	50RB#0	23.09	22.79	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#0	23.02	22.72	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#24	23.01	22.71	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#49	22.83	22.53	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#0	21.99	21.69	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#12	22.04	21.74	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#25	21.99	21.69	33.00	PASS
Band2	10MHz	16QAM	18650	50RB#0	22.01	21.71	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#0	22.99	22.69	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.89	22.59	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#49	23.31	23.01	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#0	21.95	21.65	33.00	PASS



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Band2	10MHz	16QAM	18900	25RB#12	22.10	21.80	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#25	21.93	21.63	33.00	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.92	21.62	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#0	22.94	22.64	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#24	23.05	22.75	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#49	23.40	23.10	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#0	22.13	21.83	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#12	22.20	21.90	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#25	22.02	21.72	33.00	PASS
Band2	10MHz	16QAM	19150	50RB#0	22.07	21.77	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#0	22.08	21.78	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#24	21.94	21.64	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#49	22.07	21.77	33.00	PASS
Band2	10MHz	64QAM	18650	25RB#0	20.97	20.67	33.00	PASS
Band2	10MHz	64QAM	18650	25RB#12	20.94	20.64	33.00	PASS
Band2	10MHz	64QAM	18650	25RB#25	20.93	20.63	33.00	PASS
Band2	10MHz	64QAM	18650	50RB#0	20.96	20.66	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#0	22.07	21.77	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#24	22.02	21.72	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#49	22.05	21.75	33.00	PASS
Band2	10MHz	64QAM	18900	25RB#0	20.96	20.66	33.00	PASS
Band2	10MHz	64QAM	18900	25RB#12	21.01	20.71	33.00	PASS
Band2	10MHz	64QAM	18900	25RB#25	20.93	20.63	33.00	PASS
Band2	10MHz	64QAM	18900	50RB#0	20.98	20.68	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#0	22.10	21.80	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#24	22.07	21.77	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#49	22.04	21.74	33.00	PASS
Band2	10MHz	64QAM	19150	25RB#0	21.04	20.74	33.00	PASS
Band2	10MHz	64QAM	19150	25RB#12	21.10	20.80	33.00	PASS
Band2	10MHz	64QAM	19150	25RB#25	21.02	20.72	33.00	PASS
Band2	10MHz	64QAM	19150	50RB#0	21.06	20.76	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.88	23.58	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#38	23.97	23.67	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#74	23.83	23.53	33.00	PASS
Band2	15MHz	QPSK	18675	38RB#0	23.07	22.77	33.00	PASS
Band2	15MHz	QPSK	18675	38RB#18	22.99	22.69	33.00	PASS
Band2	15MHz	QPSK	18675	38RB#37	22.99	22.69	33.00	PASS
Band2	15MHz	QPSK	18675	75RB#0	23.01	22.71	33.00	PASS



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Band2	15MHz	QPSK	18900	1RB#0	23.90	23.60	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#38	24.03	23.73	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#74	24.17	23.87	33.00	PASS
Band2	15MHz	QPSK	18900	38RB#0	22.98	22.68	33.00	PASS
Band2	15MHz	QPSK	18900	38RB#18	23.00	22.70	33.00	PASS
Band2	15MHz	QPSK	18900	38RB#37	22.98	22.68	33.00	PASS
Band2	15MHz	QPSK	18900	75RB#0	22.98	22.68	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#0	24.21	23.91	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#38	23.91	23.61	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#74	24.03	23.73	33.00	PASS
Band2	15MHz	QPSK	19125	38RB#0	23.08	22.78	33.00	PASS
Band2	15MHz	QPSK	19125	38RB#18	23.11	22.81	33.00	PASS
Band2	15MHz	QPSK	19125	38RB#37	23.09	22.79	33.00	PASS
Band2	15MHz	QPSK	19125	75RB#0	23.11	22.81	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#0	23.29	22.99	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#38	23.41	23.11	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#74	23.12	22.82	33.00	PASS
Band2	15MHz	16QAM	18675	38RB#0	22.04	21.74	33.00	PASS
Band2	15MHz	16QAM	18675	38RB#18	22.05	21.75	33.00	PASS
Band2	15MHz	16QAM	18675	38RB#37	21.95	21.65	33.00	PASS
Band2	15MHz	16QAM	18675	75RB#0	22.04	21.74	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#0	23.41	23.11	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#38	22.84	22.54	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#74	23.38	23.08	33.00	PASS
Band2	15MHz	16QAM	18900	38RB#0	22.03	21.73	33.00	PASS
Band2	15MHz	16QAM	18900	38RB#18	21.99	21.69	33.00	PASS
Band2	15MHz	16QAM	18900	38RB#37	21.92	21.62	33.00	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.95	21.65	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#0	23.36	23.06	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#38	23.57	23.27	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#74	23.11	22.81	33.00	PASS
Band2	15MHz	16QAM	19125	38RB#0	22.08	21.78	33.00	PASS
Band2	15MHz	16QAM	19125	38RB#18	22.14	21.84	33.00	PASS
Band2	15MHz	16QAM	19125	38RB#37	22.13	21.83	33.00	PASS
Band2	15MHz	16QAM	19125	75RB#0	22.04	21.74	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#0	21.83	21.53	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#38	21.92	21.62	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#74	21.75	21.45	33.00	PASS



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Band2	15MHz	64QAM	18675	38RB#0	21.02	20.72	33.00	PASS
Band2	15MHz	64QAM	18675	38RB#18	20.95	20.65	33.00	PASS
Band2	15MHz	64QAM	18675	38RB#37	20.91	20.61	33.00	PASS
Band2	15MHz	64QAM	18675	75RB#0	21.00	20.70	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#0	21.89	21.59	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#38	21.98	21.68	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#74	22.08	21.78	33.00	PASS
Band2	15MHz	64QAM	18900	38RB#0	20.91	20.61	33.00	PASS
Band2	15MHz	64QAM	18900	38RB#18	20.98	20.68	33.00	PASS
Band2	15MHz	64QAM	18900	38RB#37	20.91	20.61	33.00	PASS
Band2	15MHz	64QAM	18900	75RB#0	20.90	20.60	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#0	22.15	21.85	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#38	21.88	21.58	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#74	21.97	21.67	33.00	PASS
Band2	15MHz	64QAM	19125	38RB#0	21.07	20.77	33.00	PASS
Band2	15MHz	64QAM	19125	38RB#18	21.09	20.79	33.00	PASS
Band2	15MHz	64QAM	19125	38RB#37	21.07	20.77	33.00	PASS
Band2	15MHz	64QAM	19125	75RB#0	21.08	20.78	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#0	24.14	23.84	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#49	24.21	23.91	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#99	24.04	23.74	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#0	23.11	22.81	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#25	23.08	22.78	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#50	23.11	22.81	33.00	PASS
Band2	20MHz	QPSK	18700	100RB#0	23.09	22.79	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#0	24.01	23.71	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#49	24.22	23.92	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#99	23.97	23.67	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#0	23.30	23.00	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#25	23.02	22.72	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#50	22.94	22.64	33.00	PASS
Band2	20MHz	QPSK	18900	100RB#0	22.83	22.53	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#0	23.95	23.65	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#49	24.14	23.84	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#99	24.05	23.75	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#0	23.22	22.92	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#25	23.22	22.92	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#50	23.22	22.92	33.00	PASS



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Band2	20MHz	QPSK	19100	100RB#0	23.24	22.94	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#0	23.25	22.95	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#49	23.29	22.99	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#99	23.06	22.76	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#0	22.05	21.75	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#25	22.01	21.71	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#50	22.11	21.81	33.00	PASS
Band2	20MHz	16QAM	18700	100RB#0	22.04	21.74	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#0	23.32	23.02	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#49	23.33	23.03	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#99	23.38	23.08	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#0	21.98	21.68	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#25	22.08	21.78	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#50	21.94	21.64	33.00	PASS
Band2	20MHz	16QAM	18900	100RB#0	21.81	21.51	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#0	22.97	22.67	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#49	23.48	23.18	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#99	23.44	23.14	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#0	22.26	21.96	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#25	22.16	21.86	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#50	22.18	21.88	33.00	PASS
Band2	20MHz	16QAM	19100	100RB#0	22.18	21.88	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#0	22.05	21.75	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#49	22.13	21.83	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#99	22.01	21.71	33.00	PASS
Band2	20MHz	64QAM	18700	50RB#0	21.05	20.75	33.00	PASS
Band2	20MHz	64QAM	18700	50RB#25	21.03	20.73	33.00	PASS
Band2	20MHz	64QAM	18700	50RB#50	21.02	20.72	33.00	PASS
Band2	20MHz	64QAM	18700	100RB#0	21.07	20.77	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#0	21.97	21.67	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#49	22.13	21.83	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#99	21.90	21.60	33.00	PASS
Band2	20MHz	64QAM	18900	50RB#0	21.21	20.91	33.00	PASS
Band2	20MHz	64QAM	18900	50RB#25	20.96	20.66	33.00	PASS
Band2	20MHz	64QAM	18900	50RB#50	20.87	20.57	33.00	PASS
Band2	20MHz	64QAM	18900	100RB#0	20.74	20.44	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#0	21.88	21.58	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#49	22.09	21.79	33.00	PASS



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Band2	20MHz	64QAM	19100	1RB#99	21.99	21.69	33.00	PASS
Band2	20MHz	64QAM	19100	50RB#0	21.19	20.89	33.00	PASS
Band2	20MHz	64QAM	19100	50RB#25	21.14	20.84	33.00	PASS
Band2	20MHz	64QAM	19100	50RB#50	21.15	20.85	33.00	PASS
Band2	20MHz	64QAM	19100	100RB#0	21.21	20.91	33.00	PASS

Remark:

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

ERP [dBm] = Conducted Power [dBm] + Gain [dBd]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]

The conducted Power is measured by Base Station Simulator



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2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	4.67	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	4.70	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	4.64	13	PASS
Band2	20MHz	64QAM	18700	100RB#0	6.17	13	PASS
Band2	20MHz	64QAM	18900	100RB#0	6.14	13	PASS
Band2	20MHz	64QAM	19100	100RB#0	6.14	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	5.62	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	5.65	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	5.54	13	PASS



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2.2. Test Plots

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



Date: 1.MAY 2021 01:29:27

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



Date: 1.MAY 2021 01:29:50





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



Date: 1.MAY 2021 01:30:12

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



Date: 1.MAY 2021 10:01:30



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



Date: 1.MAY 2021 10:01:42

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



Date: 1.MAY 2021 10:01:53

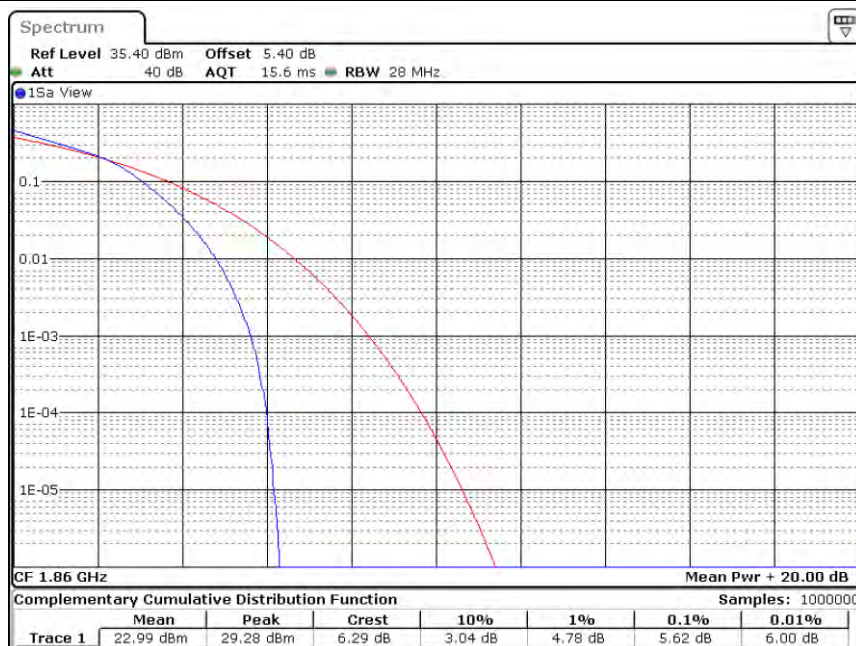


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Band2-20MHz-16QAM-18700-100RB#0



Date: 1.MAY 2021 01:29:38

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



Date: 1.MAY 2021 01:30:01

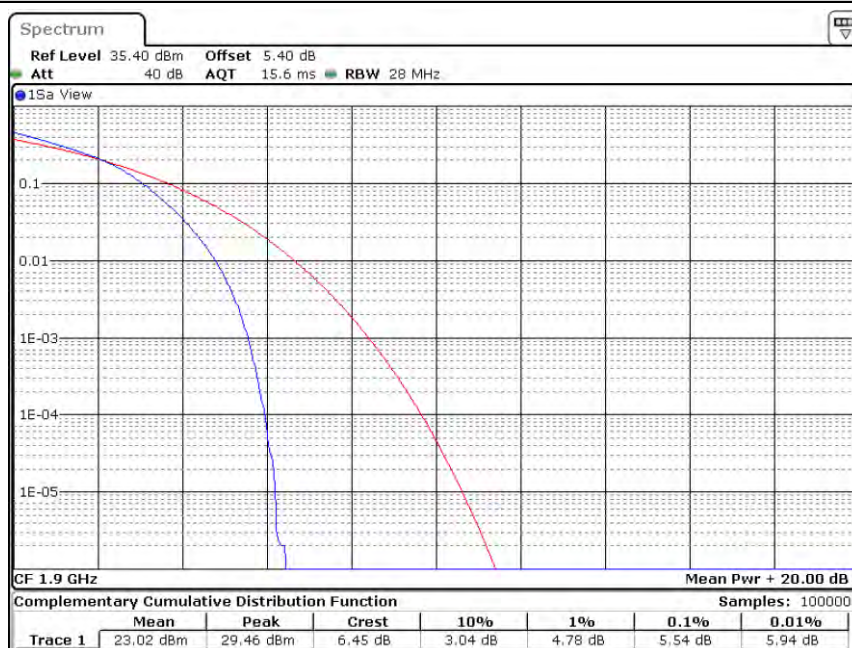


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Band2-20MHz-16QAM-19100-100RB#0



Date: 1.MAY 2021 01:30:23

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



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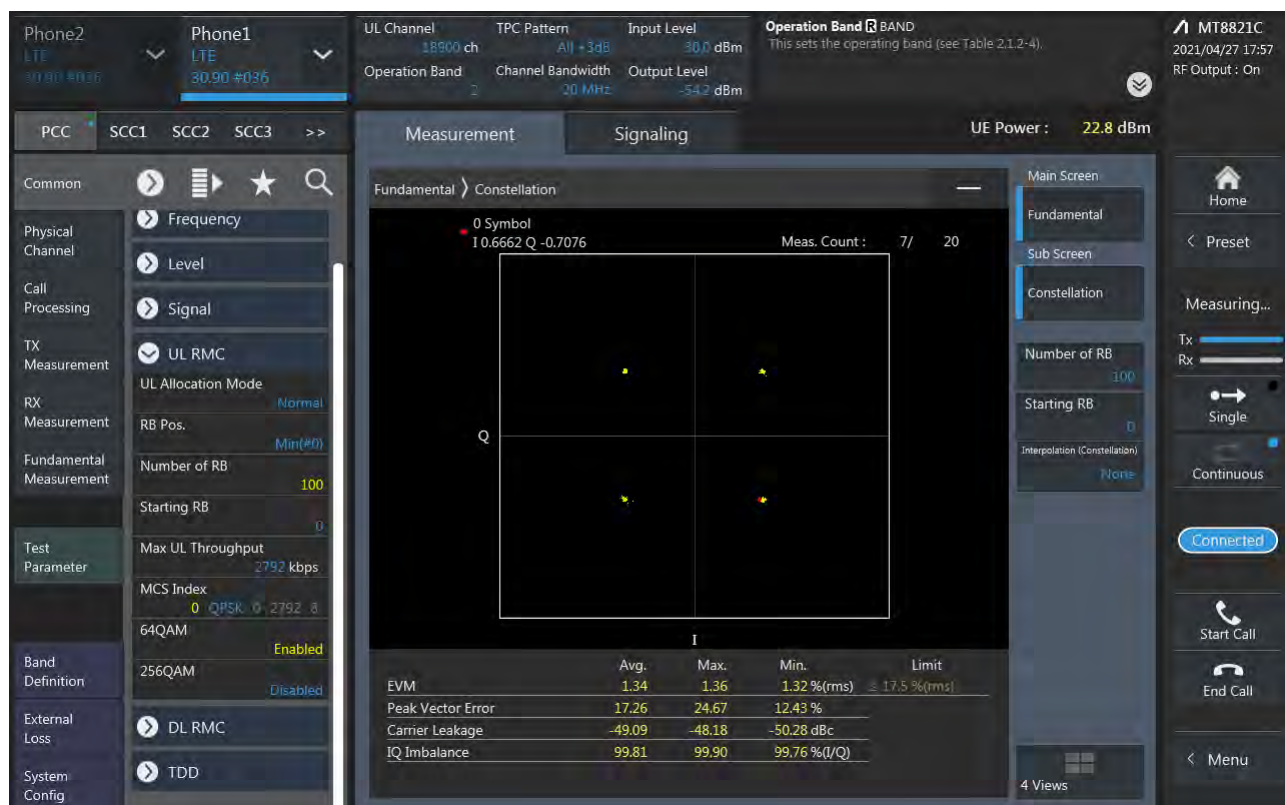
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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

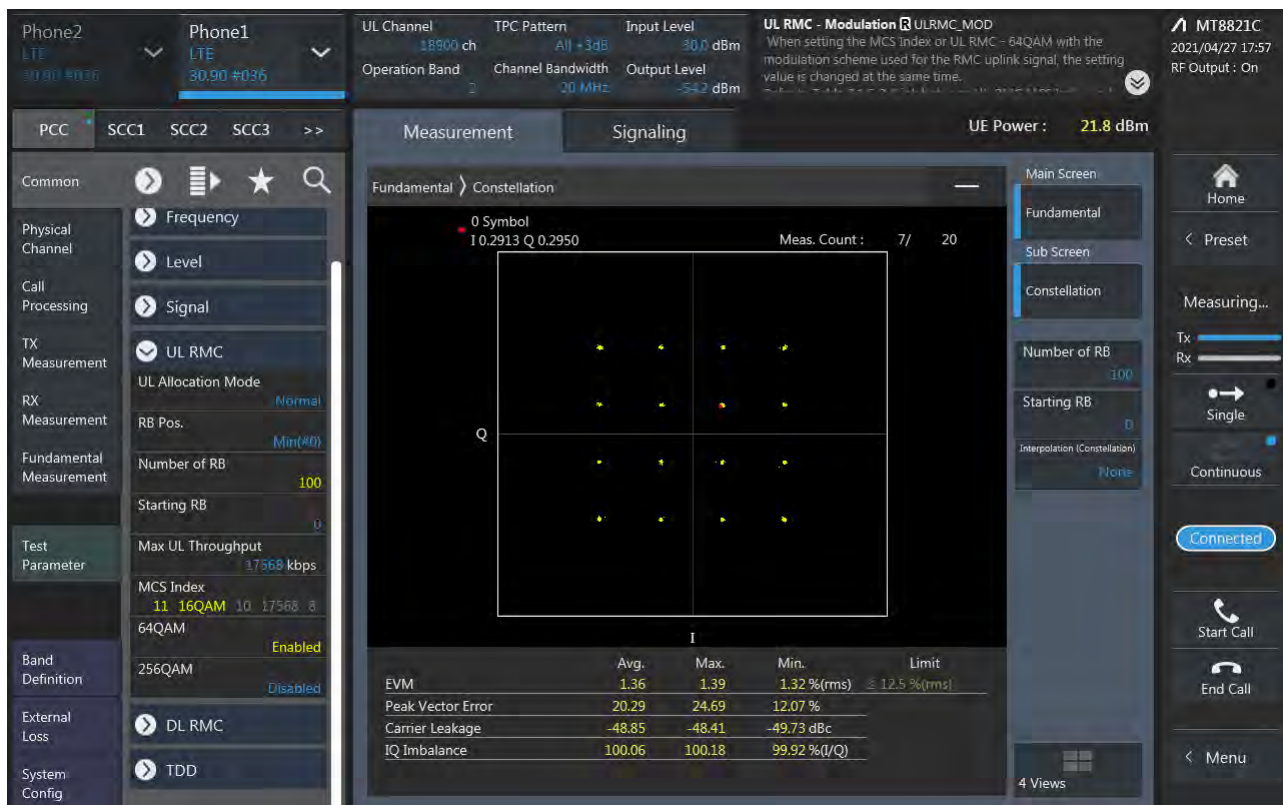
3.1.1. Test Channel = MCH





3.2. Test Mode = LTE /TM2 20MHz

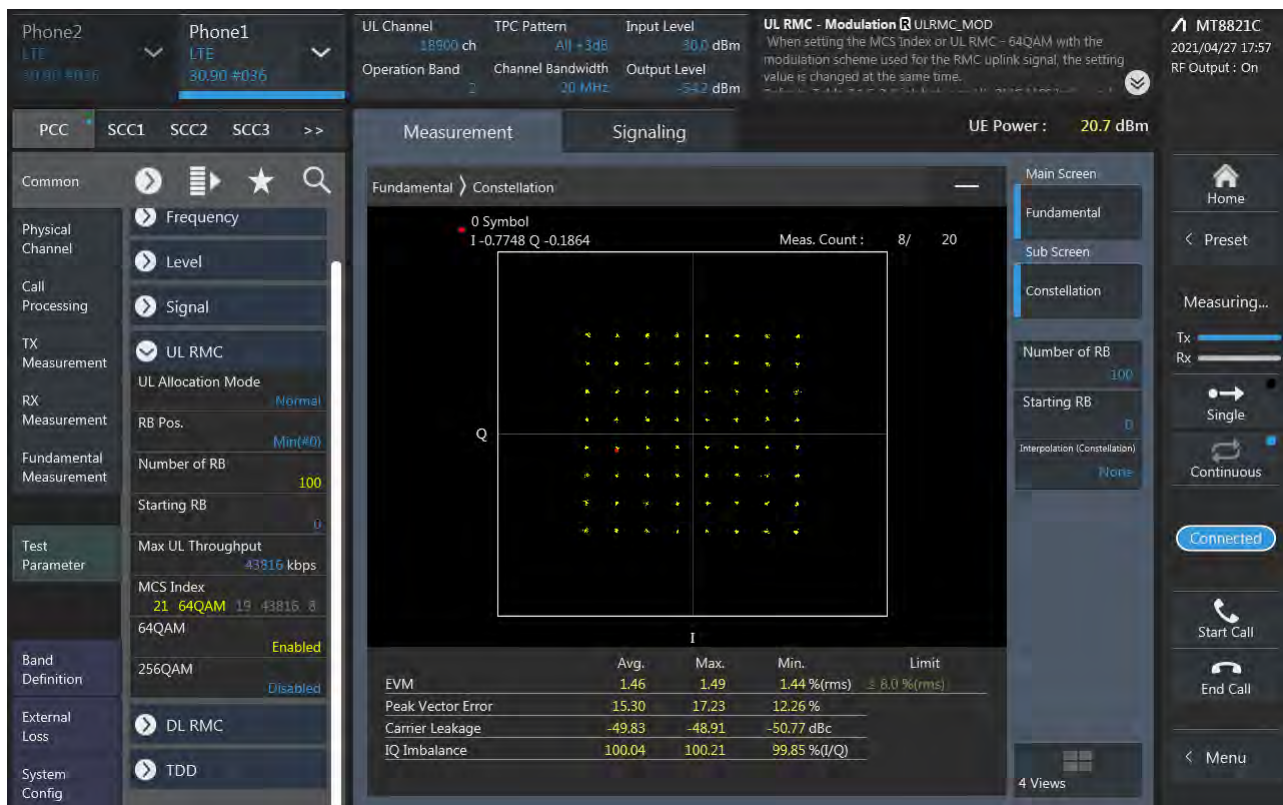
3.2.1. Test Channel = MCH





3.3. Test Mode = LTE /TM3 20MHz

3.3.1. Test Channel = MCH





4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.091	1.299	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.091	1.293	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.094	1.317	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	1.094	1.287	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	1.094	1.284	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	1.094	1.287	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.094	1.296	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.094	1.284	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.094	1.290	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.691	2.952	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.691	2.940	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.691	2.946	PASS
Band2	3MHz	64QAM	18615	15RB#0	2.685	2.940	PASS
Band2	3MHz	64QAM	18900	15RB#0	2.685	2.934	PASS
Band2	3MHz	64QAM	19185	15RB#0	2.685	2.928	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.685	2.922	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.685	2.922	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.679	3.114	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.476	4.870	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.476	4.870	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.466	4.850	PASS
Band2	5MHz	64QAM	18625	25RB#0	4.466	4.850	PASS
Band2	5MHz	64QAM	18900	25RB#0	4.476	4.850	PASS
Band2	5MHz	64QAM	19175	25RB#0	4.476	4.860	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.486	4.920	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.486	4.920	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.476	4.920	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.951	9.640	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.931	9.600	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.931	9.620	PASS
Band2	10MHz	64QAM	18650	50RB#0	8.931	9.560	PASS



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Band2	10MHz	64QAM	18900	50RB#0	8.911	9.600	PASS
Band2	10MHz	64QAM	19150	50RB#0	8.911	9.580	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.931	9.640	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.931	9.640	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	13.427	14.760	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.487	14.730	PASS
Band2	15MHz	64QAM	18675	75RB#0	13.427	14.760	PASS
Band2	15MHz	64QAM	18900	75RB#0	13.427	14.760	PASS
Band2	15MHz	64QAM	19125	75RB#0	13.457	14.730	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.457	14.730	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.427	14.790	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.457	14.760	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.902	19.320	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.862	19.200	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.902	19.400	PASS
Band2	20MHz	64QAM	18700	100RB#0	17.902	19.280	PASS
Band2	20MHz	64QAM	18900	100RB#0	17.822	19.320	PASS
Band2	20MHz	64QAM	19100	100RB#0	17.942	19.360	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.862	19.280	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.862	19.280	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.902	19.400	PASS



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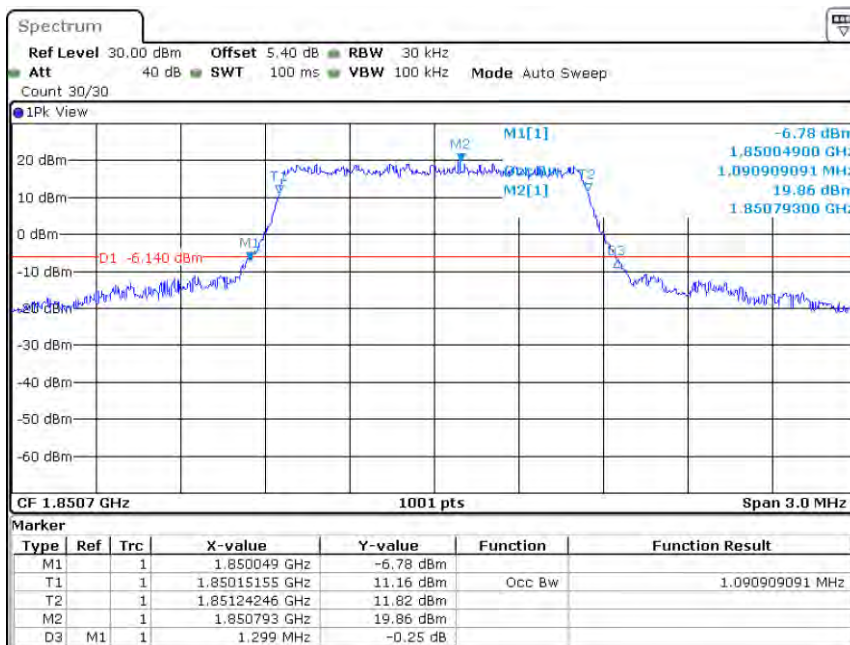
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Shenzhen Branch, Testing & Inspection Laboratory

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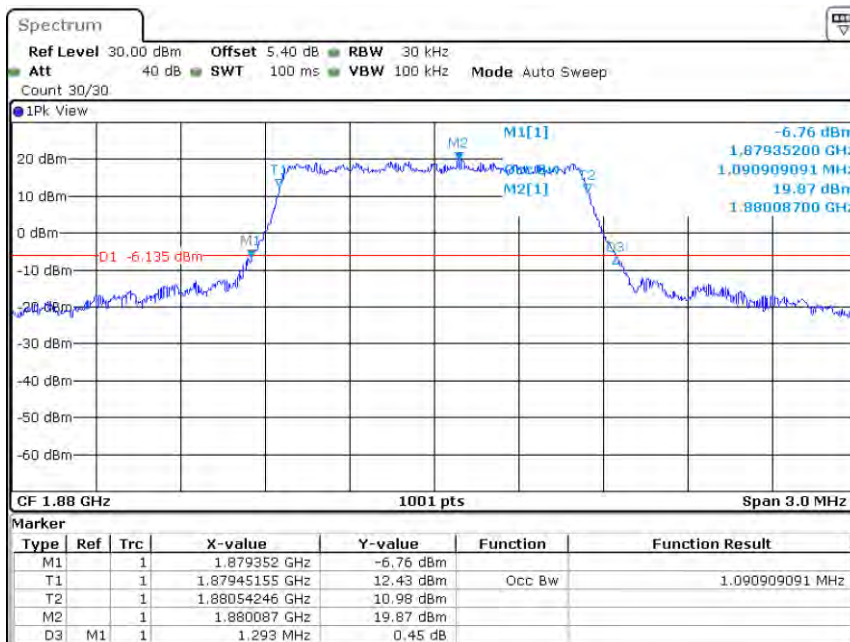
4.2. Test Plots

Band2-1.4MHz-QPSK-18607-6RB#0-1.091



Date: 1.MAY 2021 00:51:09

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



Date: 1.MAY 2021 00:51:35

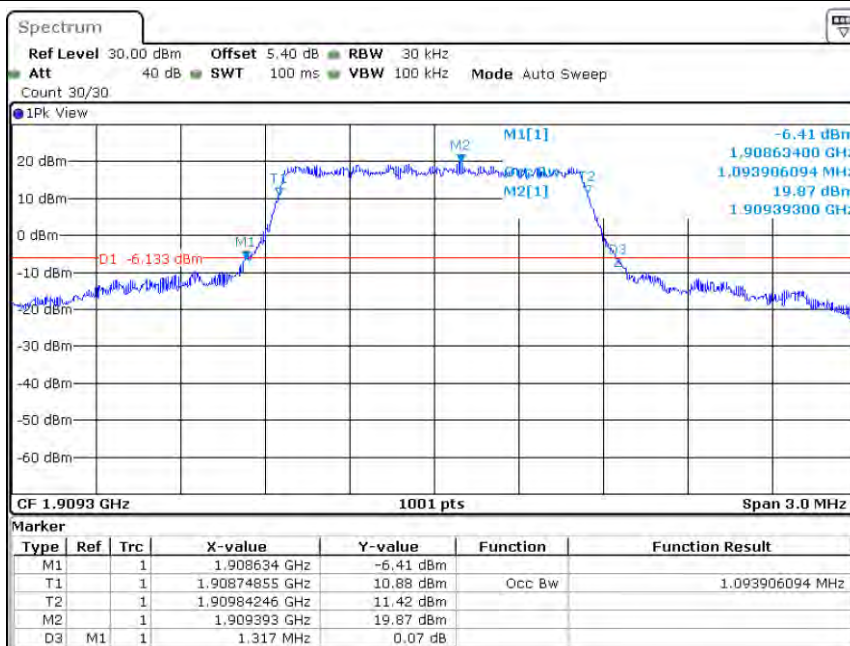


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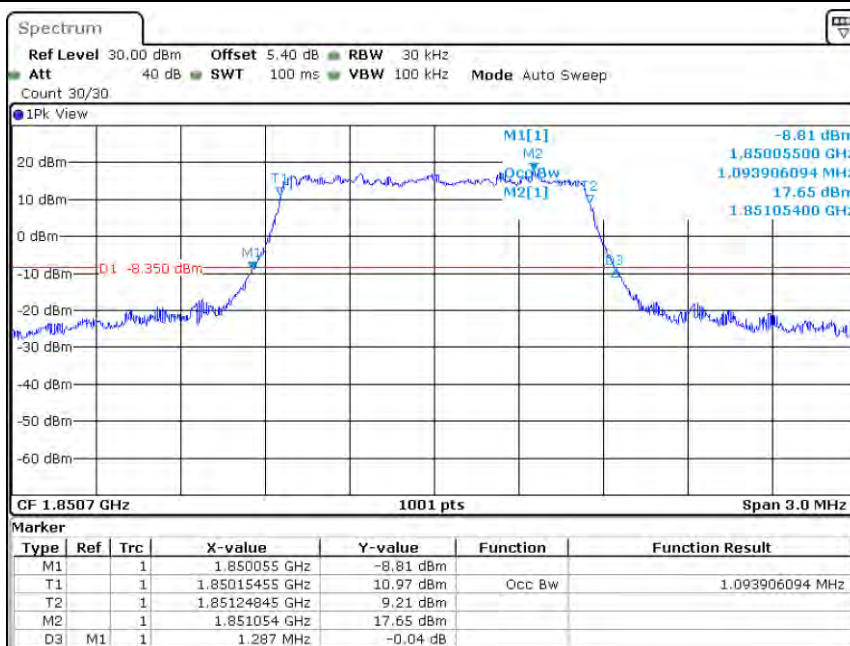


Band2-1.4MHz-QPSK-19193-6RB#0-1.094



Date: 1.MAY 2021 00:52:00

Band2-1.4MHz-64QAM-18607-6RB#0-1.094



Date: 1.MAY 2021 09:41:17

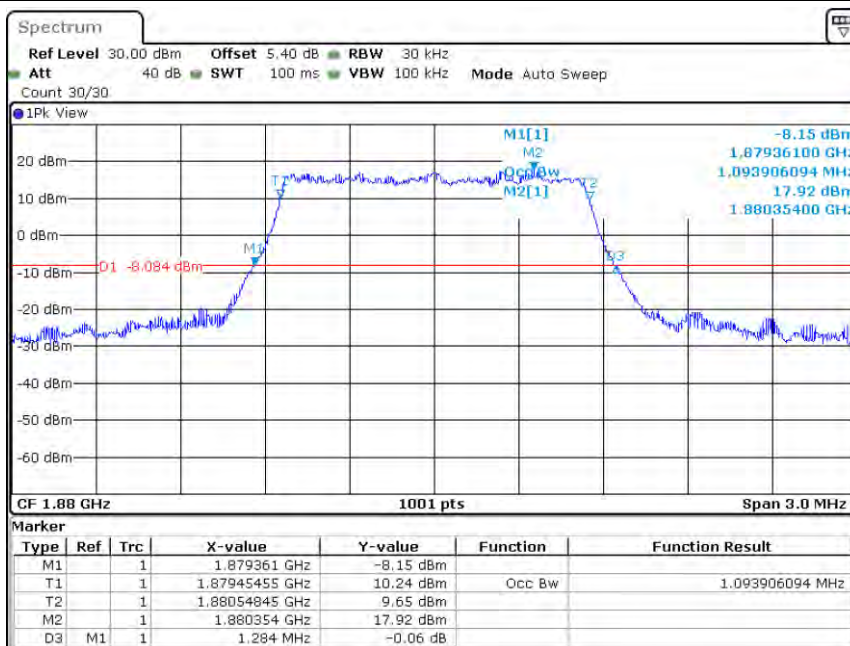


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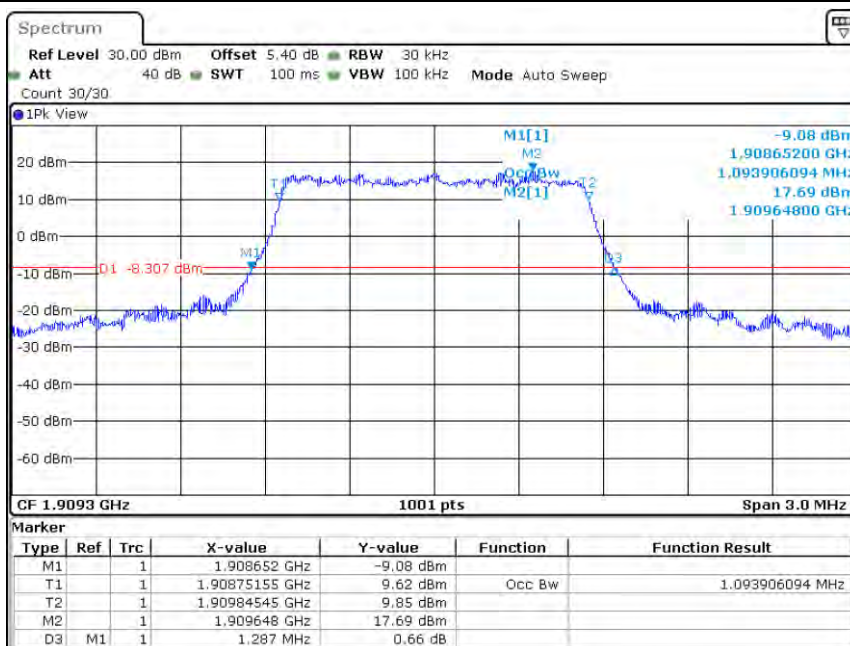


Band2-1.4MHz-64QAM-18900-6RB#0-1.094



Date: 1.MAY 2021 09:41:30

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



Date: 1.MAY 2021 09:41:43

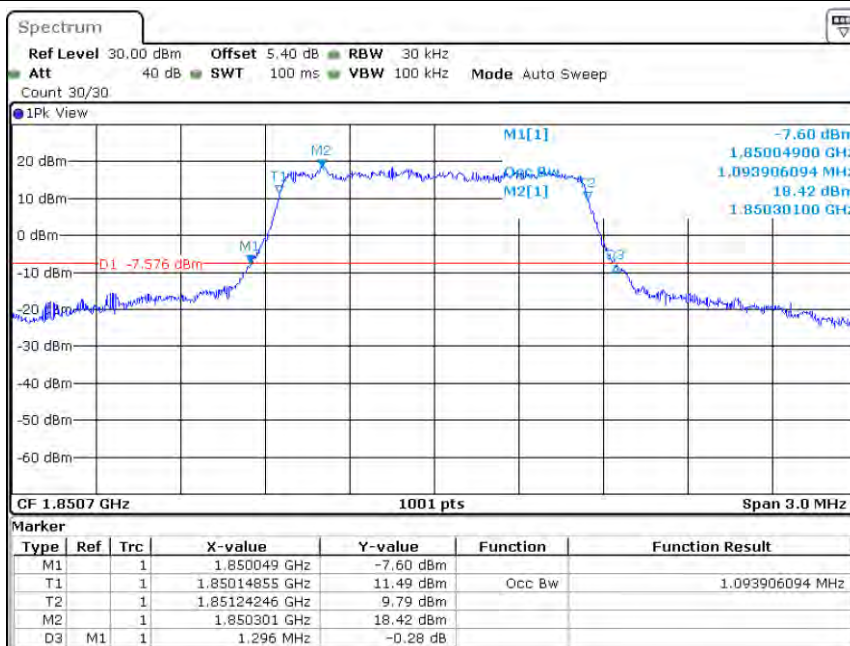


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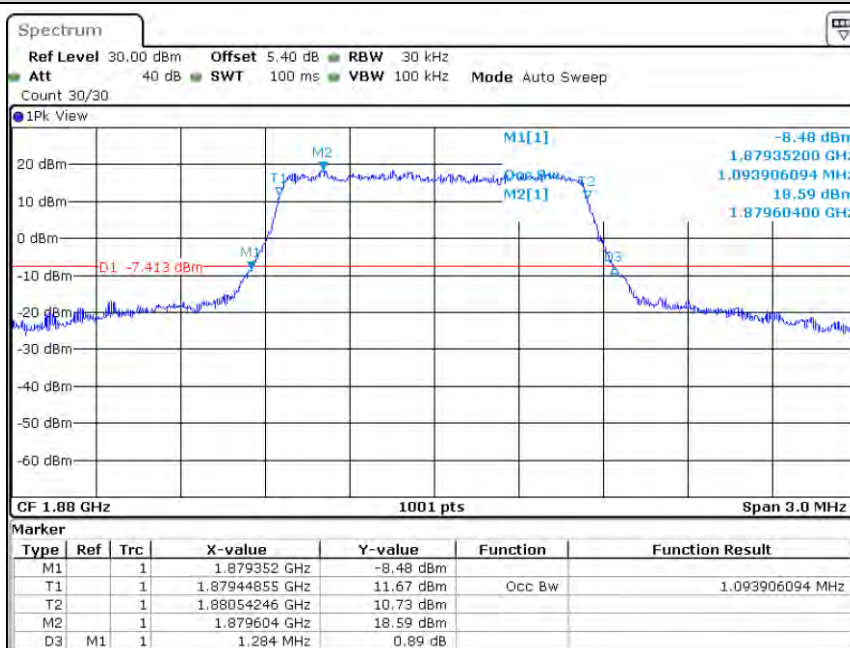


Band2-1.4MHz-16QAM-18607-6RB#0-1.094



Date: 1.MAY.2021 00:51:22

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



Date: 1.MAY.2021 00:51:47

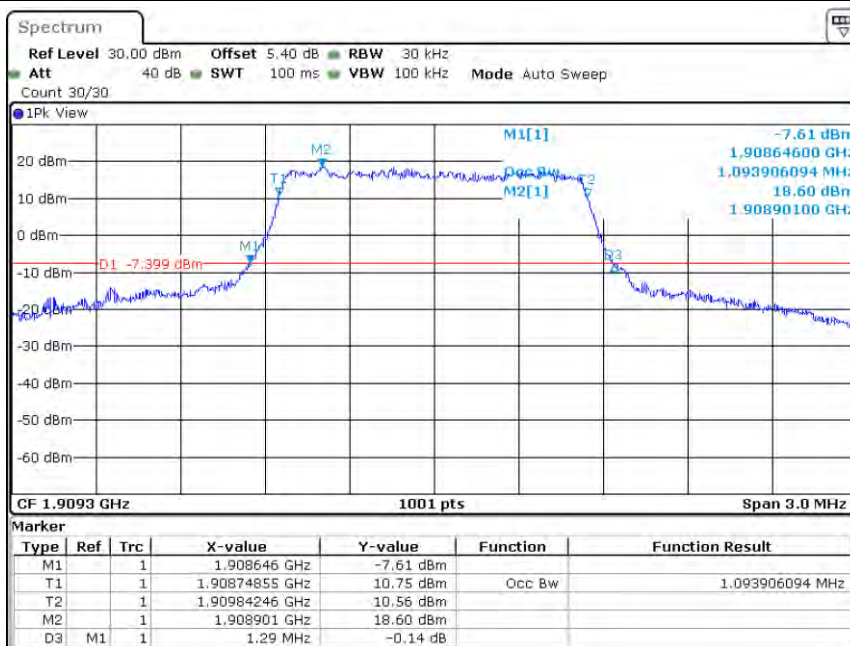


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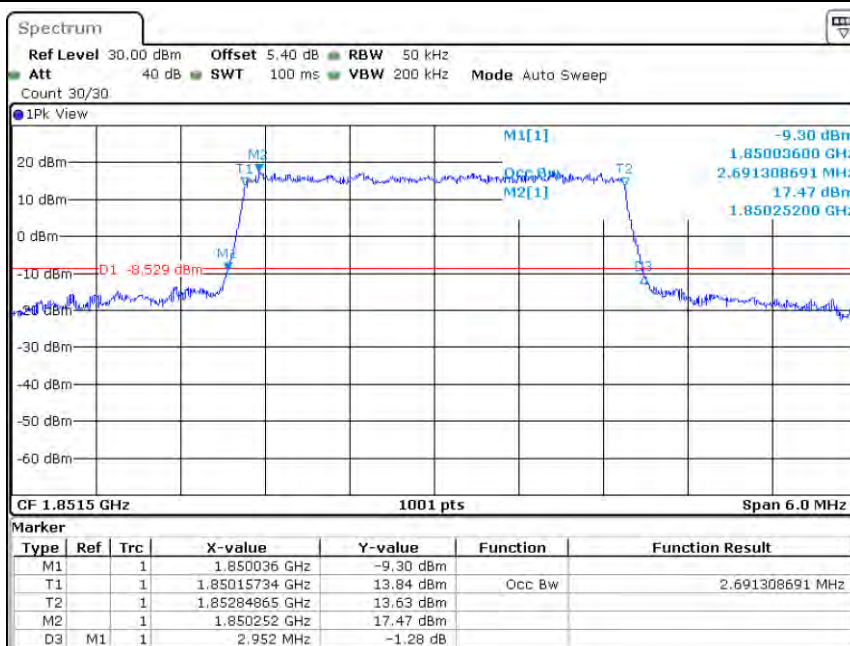


Band2-1.4MHz-16QAM-19193-6RB#0-1.094



Date: 1.MAY 2021 00:52:13

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



Date: 1.MAY 2021 00:52:30

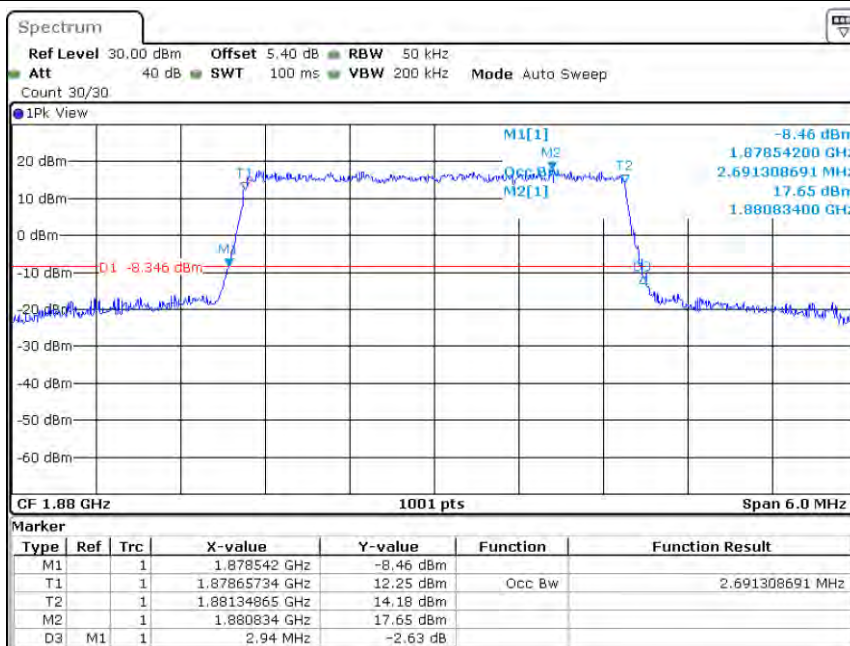


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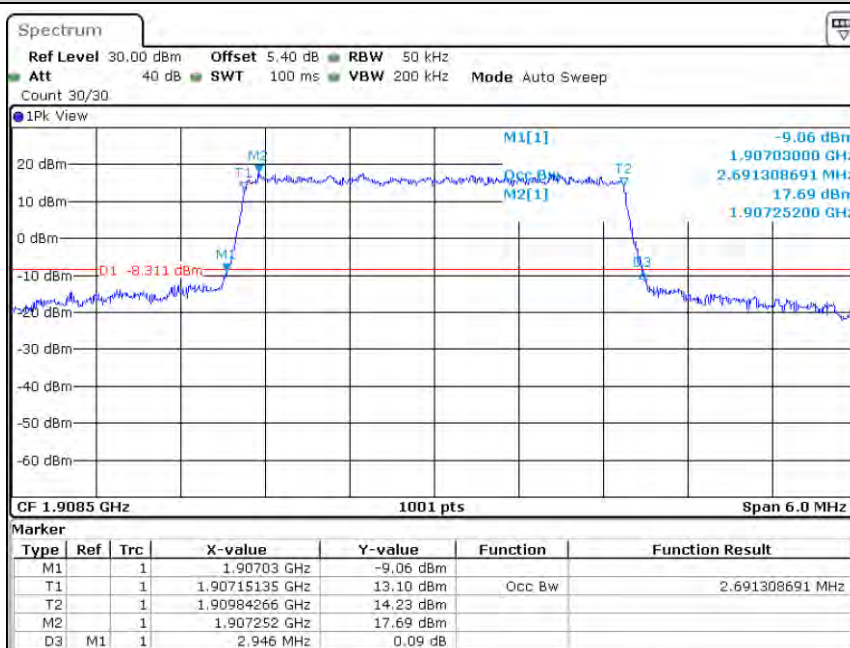


Band2-3MHz-QPSK-18900-15RB#0-2.691



Date: 1.MAY 2021 00:52:56

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



Date: 1.MAY 2021 00:53:21

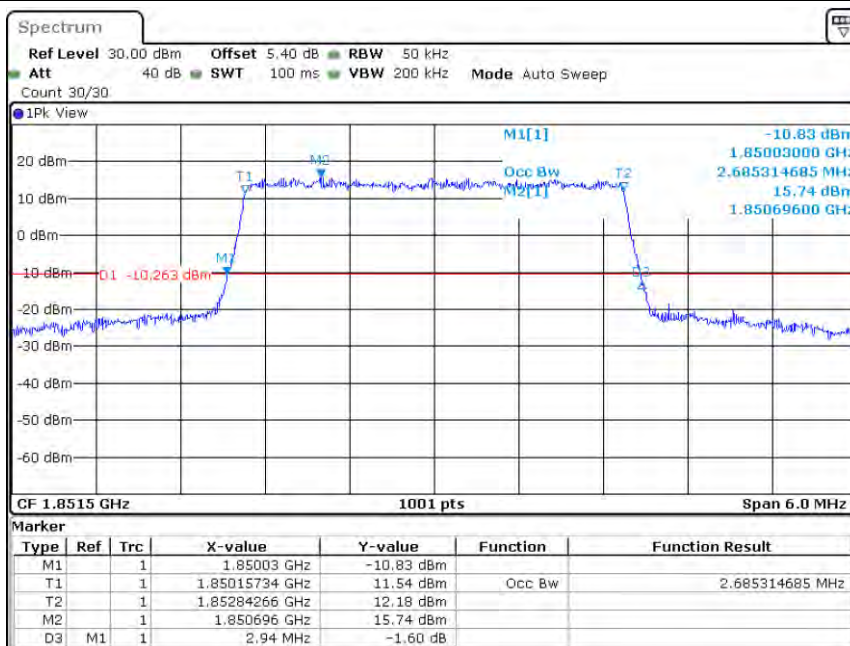


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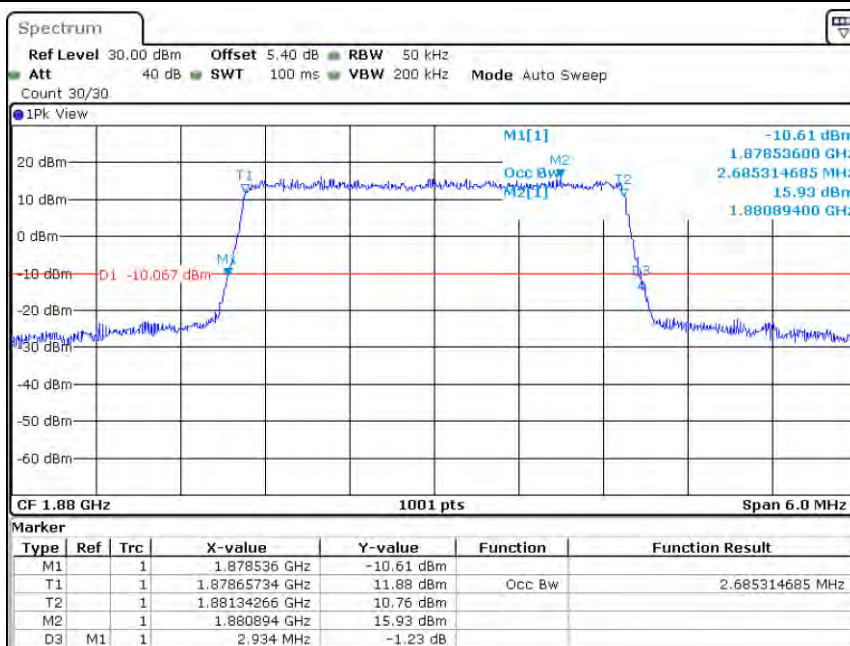


Band2-3MHz-64QAM-18615-15RB#0-2.685



Date: 1.MAY.2021 09:42:01

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



Date: 1.MAY.2021 09:42:13

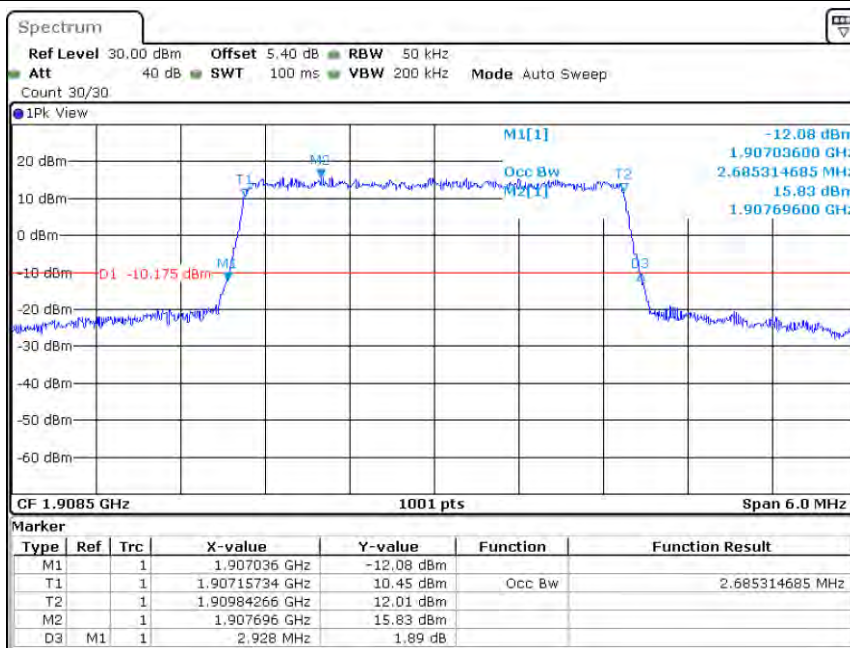


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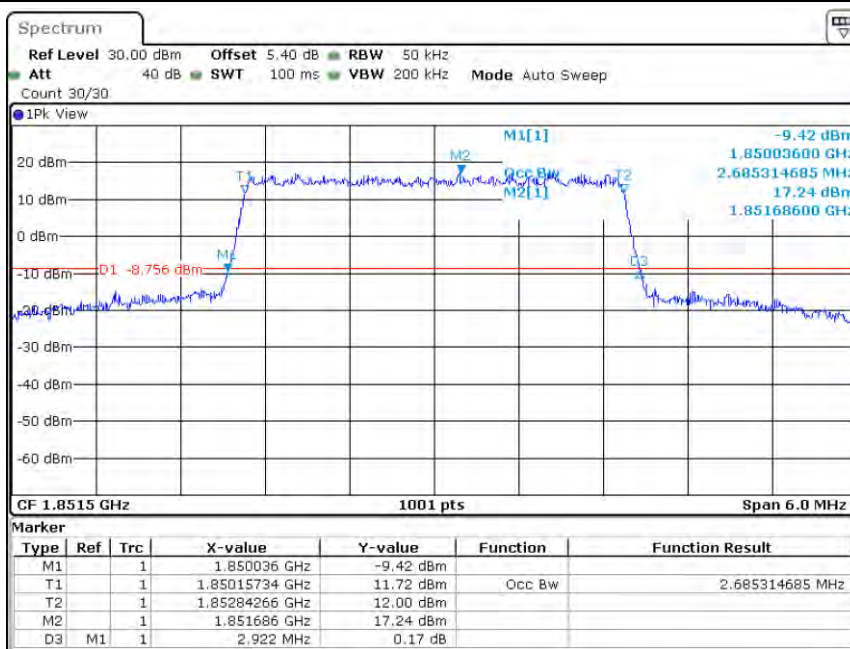


Band2-3MHz-64QAM-19185-15RB#0-2.685



Date: 1.MAY 2021 09:42:26

Band2-3MHz-16QAM-18615-15RB#0-2.685



Date: 1.MAY 2021 00:52:43

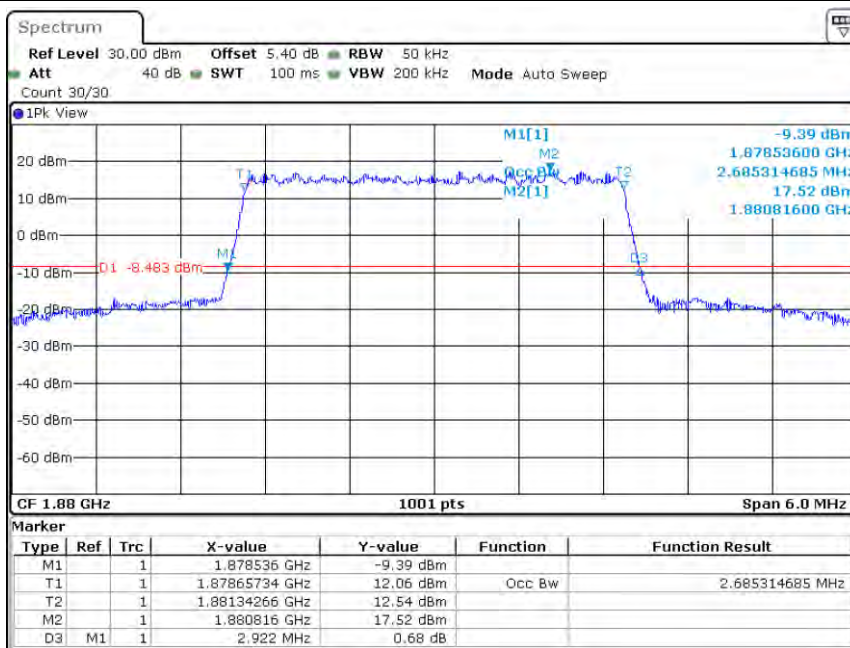


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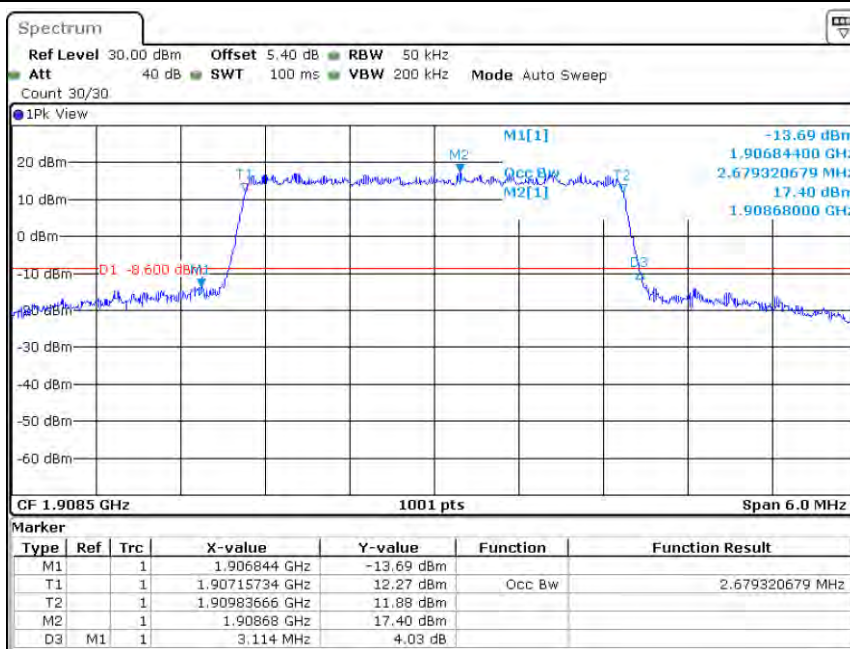


Band2-3MHz-16QAM-18900-15RB#0-2.685



Date: 1.MAY 2021 00:53:09

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



Date: 1.MAY 2021 00:53:34

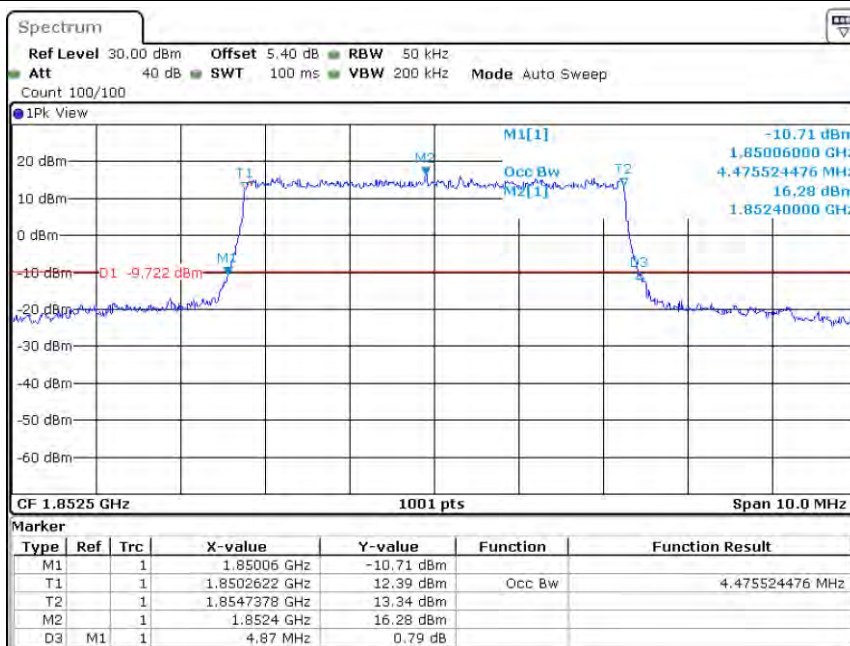


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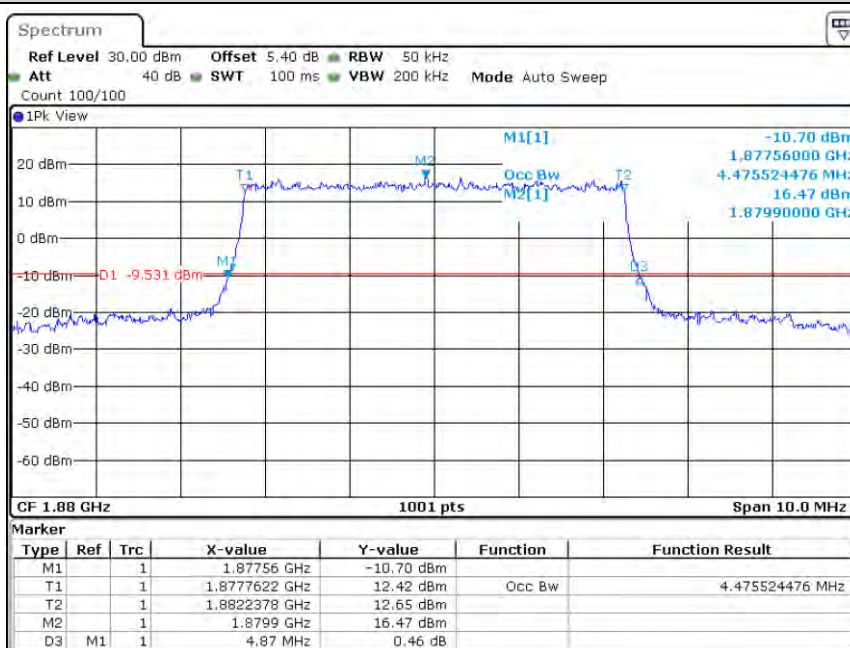


Band2-5MHz-QPSK-18625-25RB#0-4.476



Date: 1.MAY 2021 00:53:58

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



Date: 1.MAY 2021 00:54:38

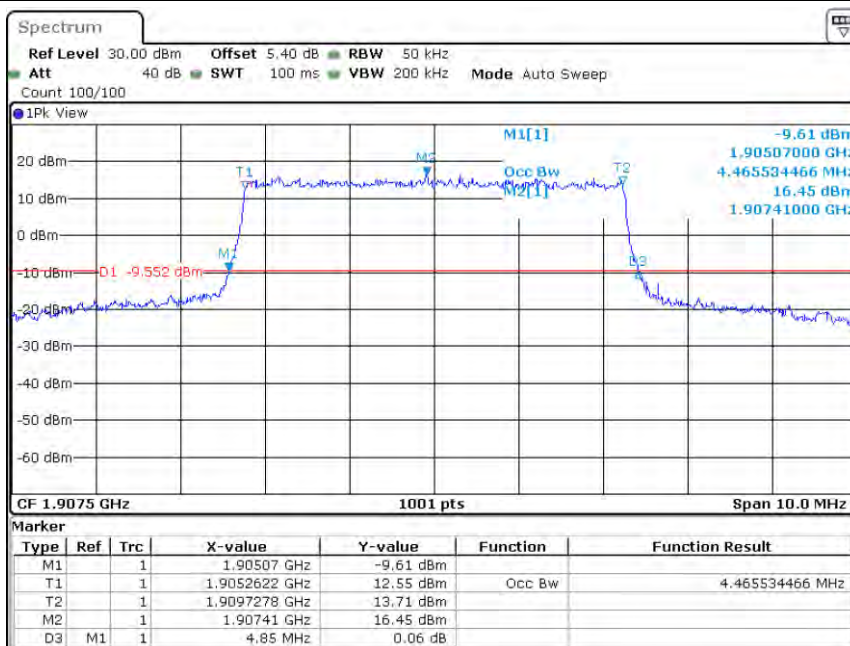


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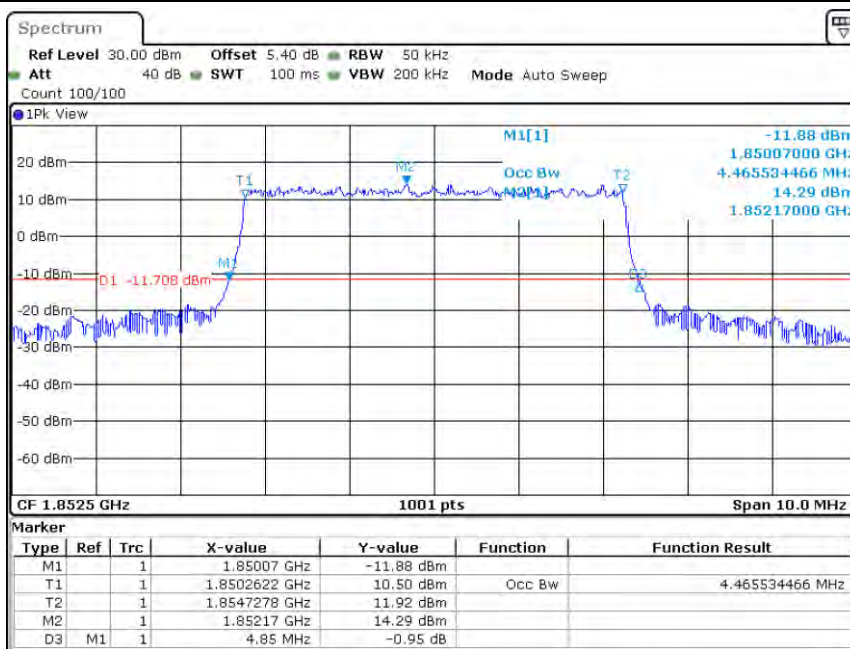


Band2-5MHz-QPSK-19175-25RB#0-4.466



Date: 1.MAY.2021 00:55:18

Band2-5MHz-64QAM-18625-25RB#0-4.466



Date: 1.MAY.2021 09:42:51

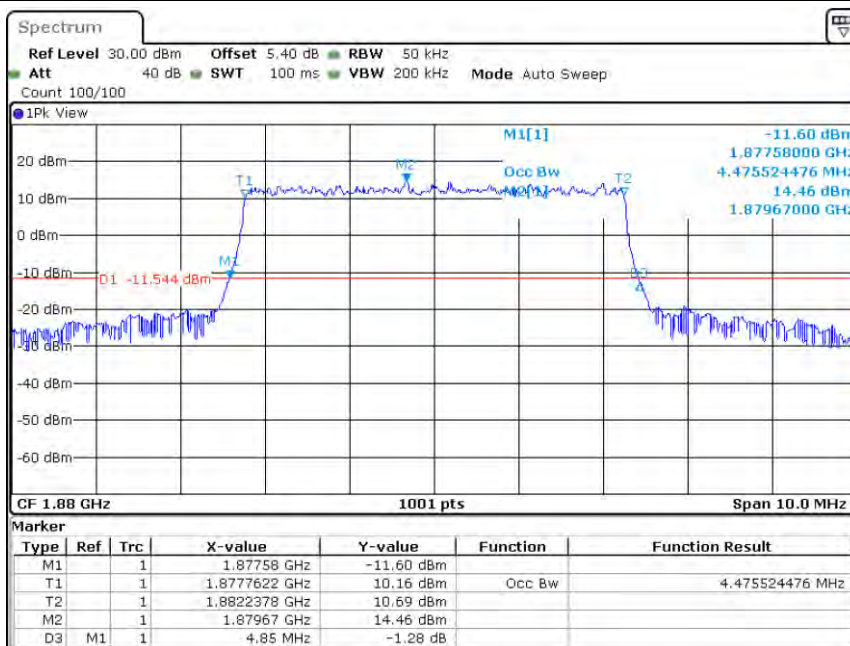


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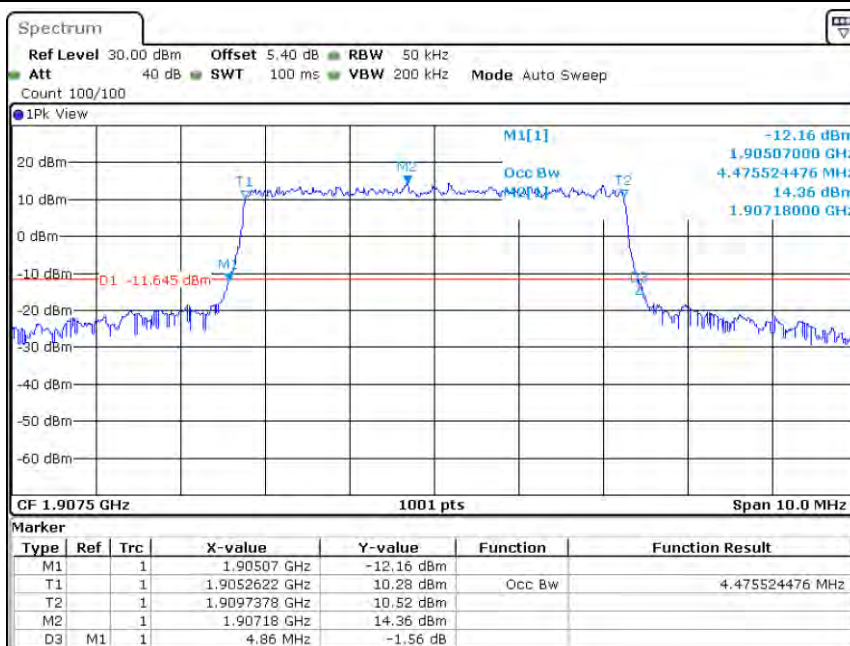


Band2-5MHz-64QAM-18900-25RB#0-4.476



Date: 1.MAY.2021 09:43:11

Band2-5MHz-64QAM-19175-25RB#0-4.476



Date: 1.MAY.2021 09:43:31

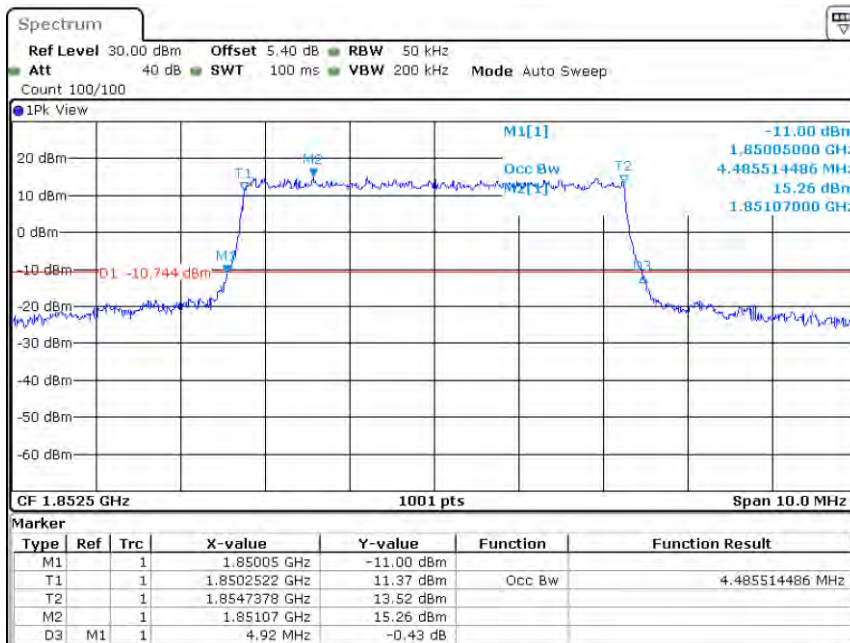


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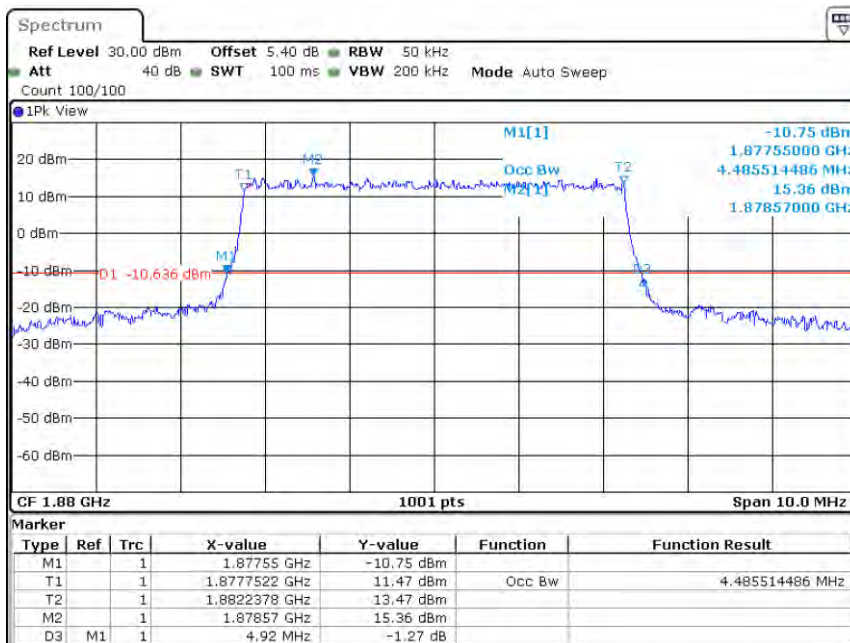


Band2-5MHz-16QAM-18625-25RB#0-4.486



Date: 1.MAY 2021 00:54:18

Band2-5MHz-16QAM-18900-25RB#0-4.486



Date: 1.MAY 2021 00:54:58

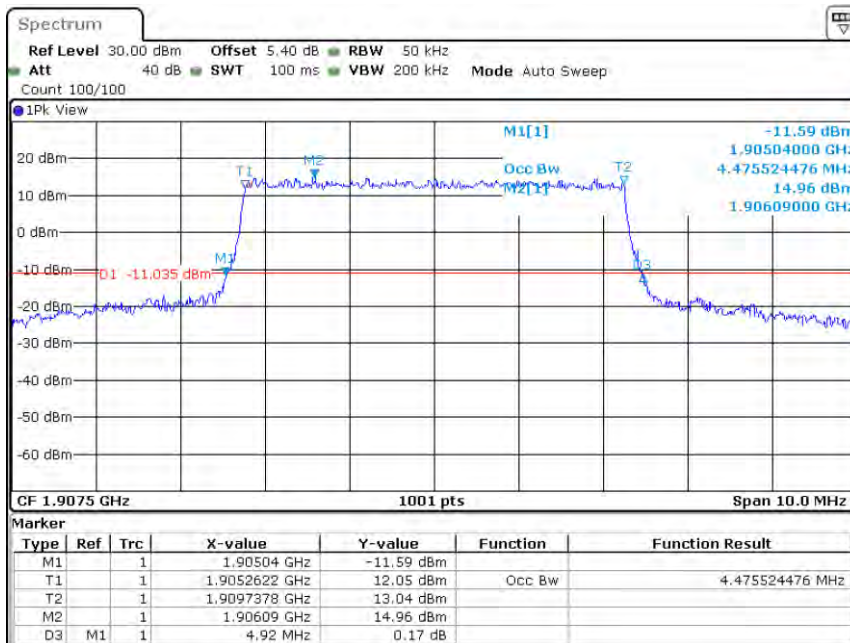


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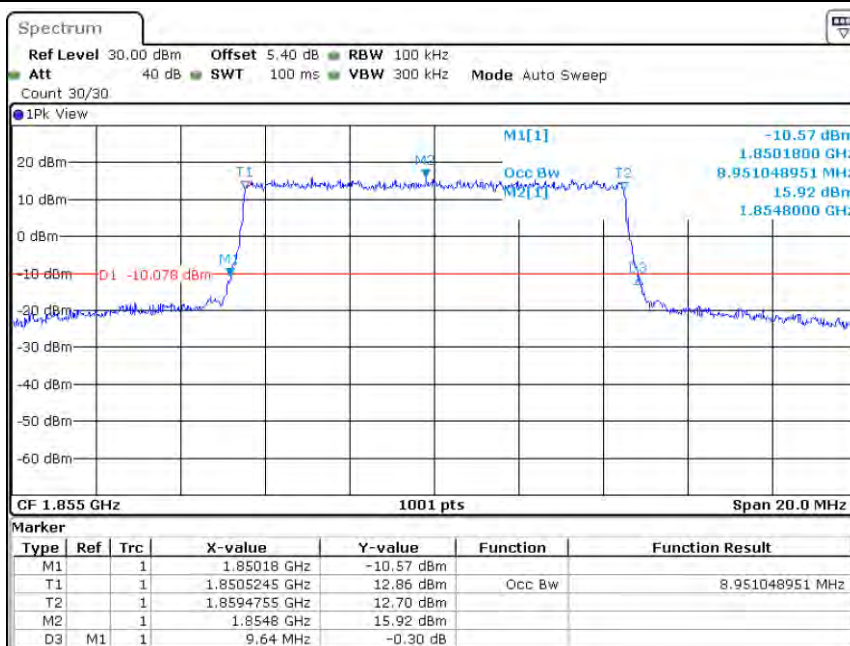


Band2-5MHz-16QAM-19175-25RB#0-4.476



Date: 1.MAY 2021 00:55:37

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



Date: 1.MAY 2021 00:55:55

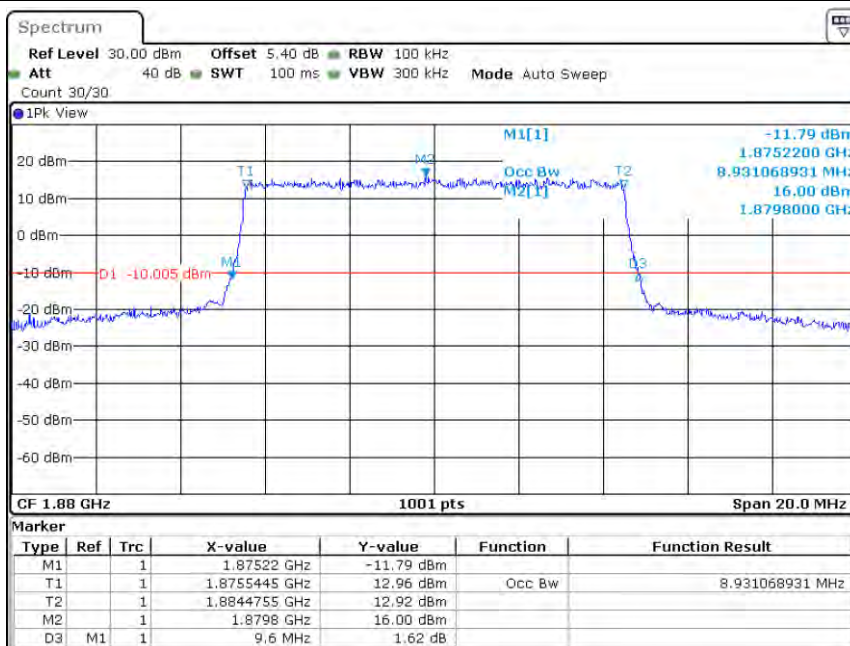


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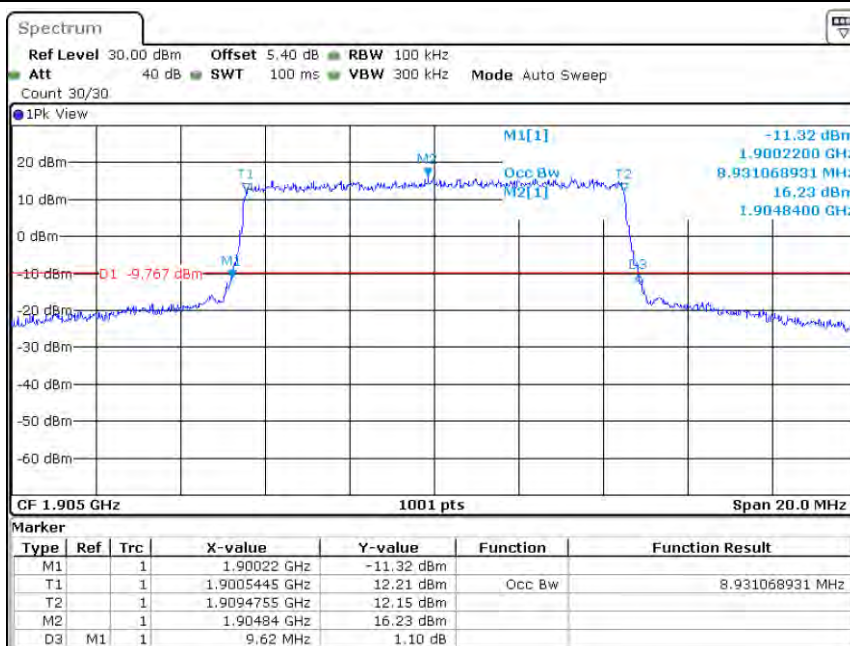


Band2-10MHz-QPSK-18900-50RB#0-8.931



Date: 1.MAY 2021 00:56:20

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



Date: 1.MAY 2021 00:56:46

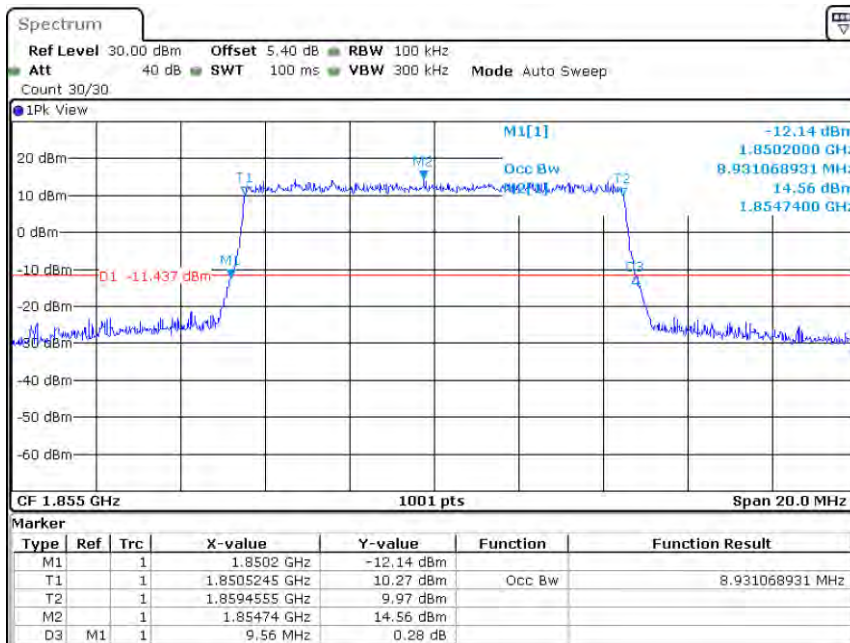


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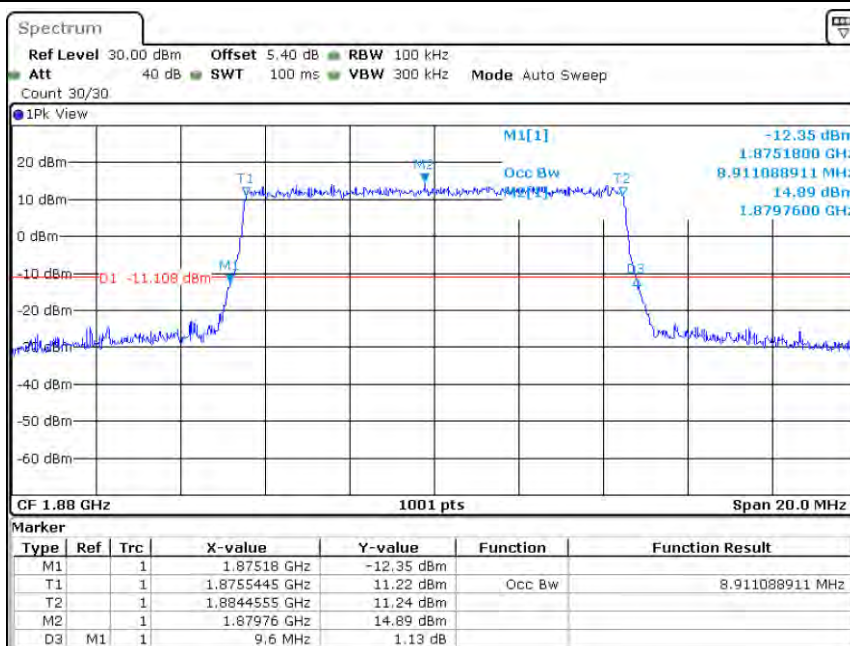


Band2-10MHz-64QAM-18650-50RB#0-8.931



Date: 1.MAY 2021 09:43:48

Band2-10MHz-64QAM-18900-50RB#0-8.911



Date: 1.MAY 2021 09:44:01

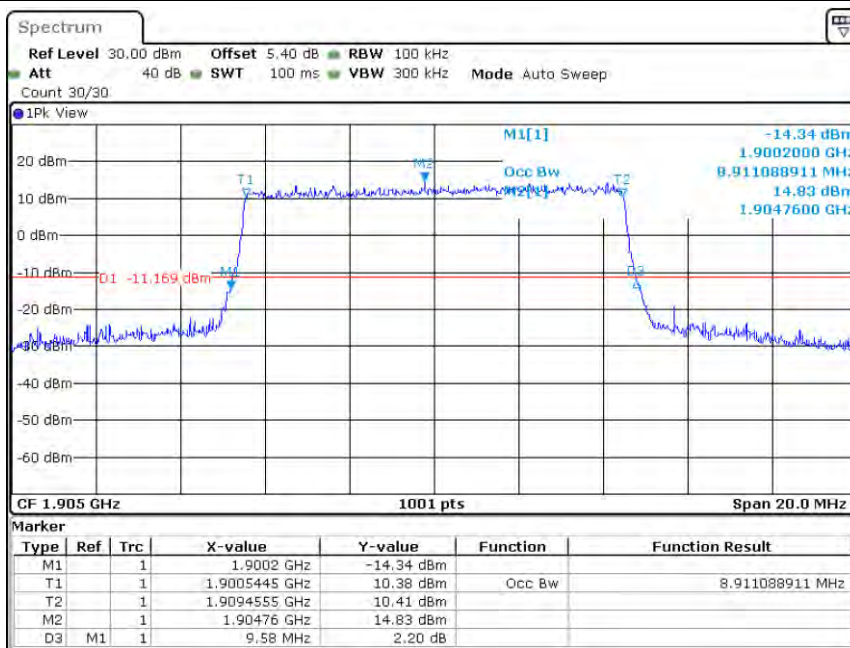


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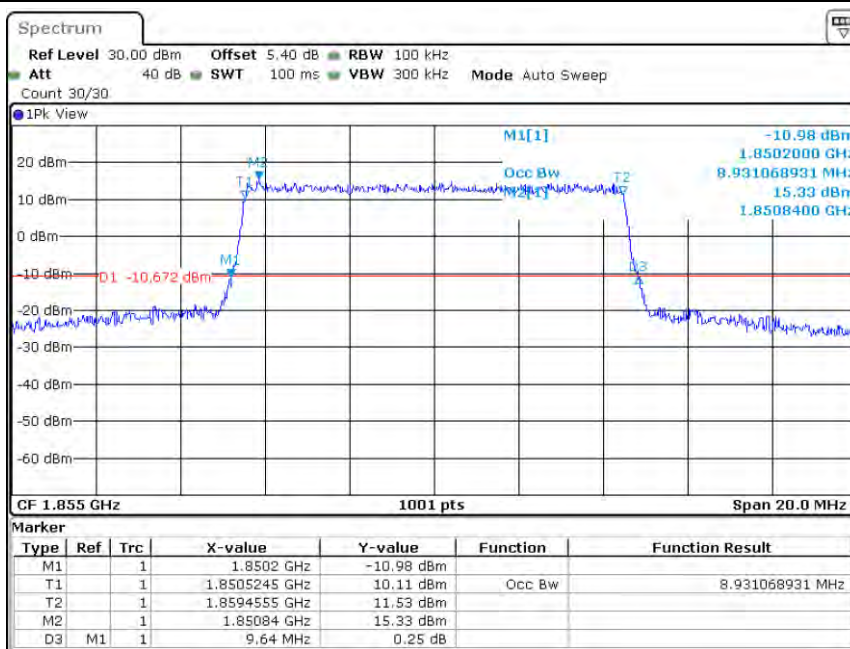


Band2-10MHz-64QAM-19150-50RB#0-8.911



Date: 1.MAY.2021 09:44:14

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



Date: 1.MAY.2021 00:56:07

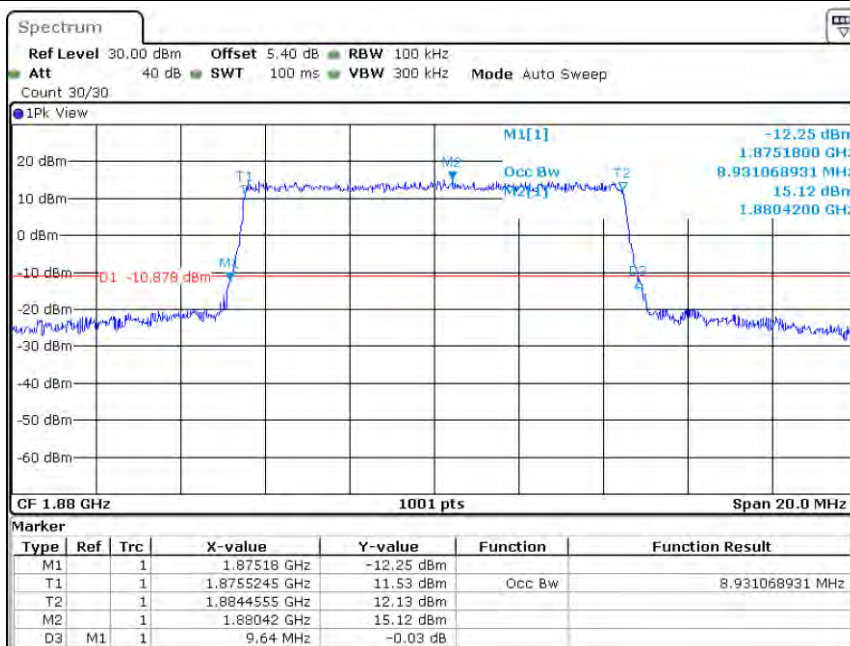


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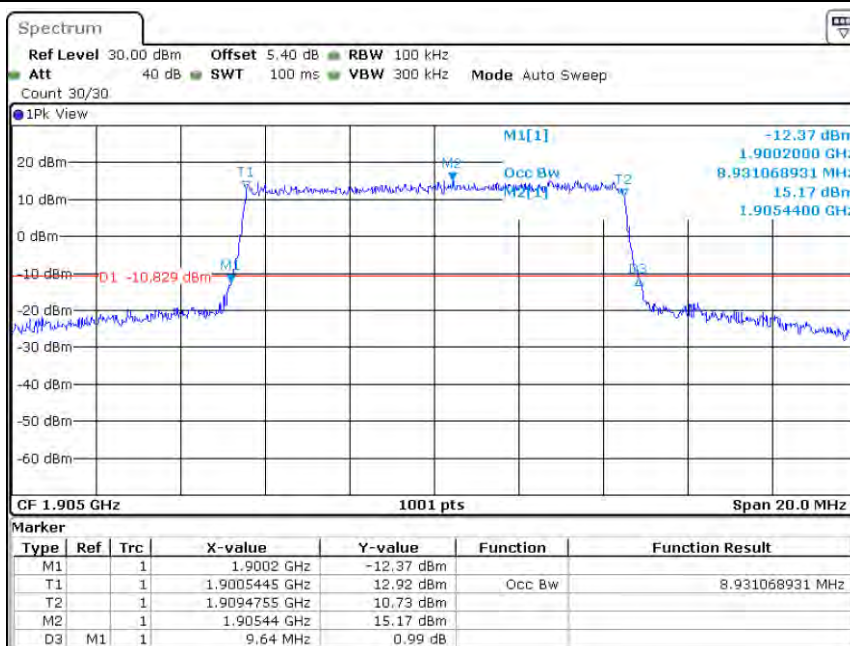


Band2-10MHz-16QAM-18900-50RB#0-8.931



Date: 1.MAY.2021 00:56:33

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



Date: 1.MAY.2021 00:56:59

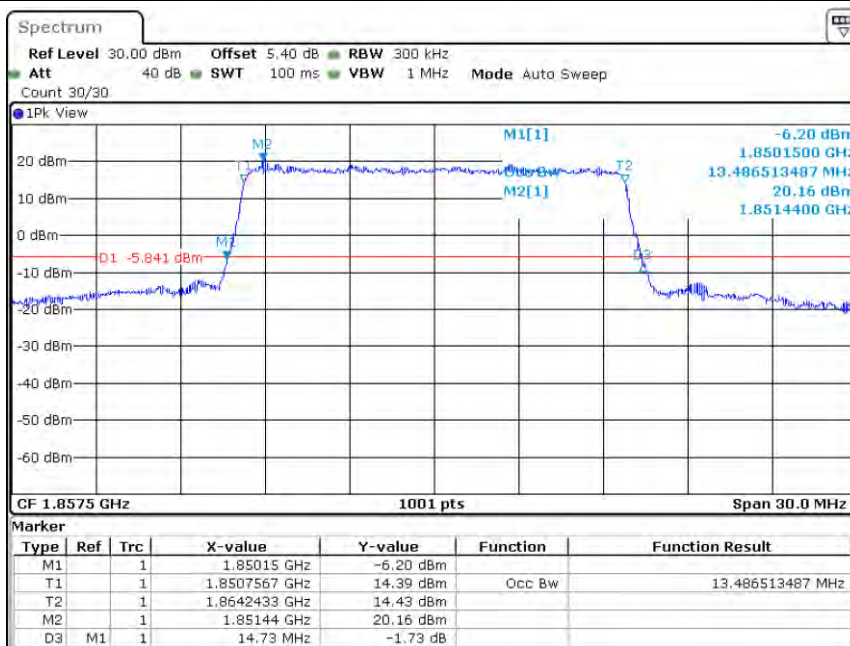


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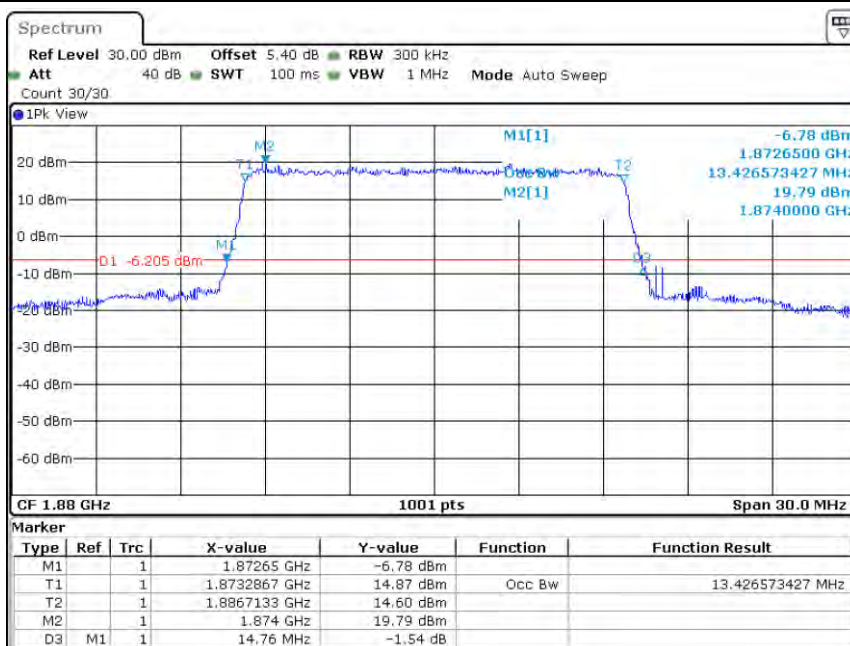


Band2-15MHz-QPSK-18675-75RB#0-13.487



Date: 1.MAY 2021 00:57:16

Band2-15MHz-QPSK-18900-75RB#0-13.427



Date: 1.MAY 2021 00:57:41

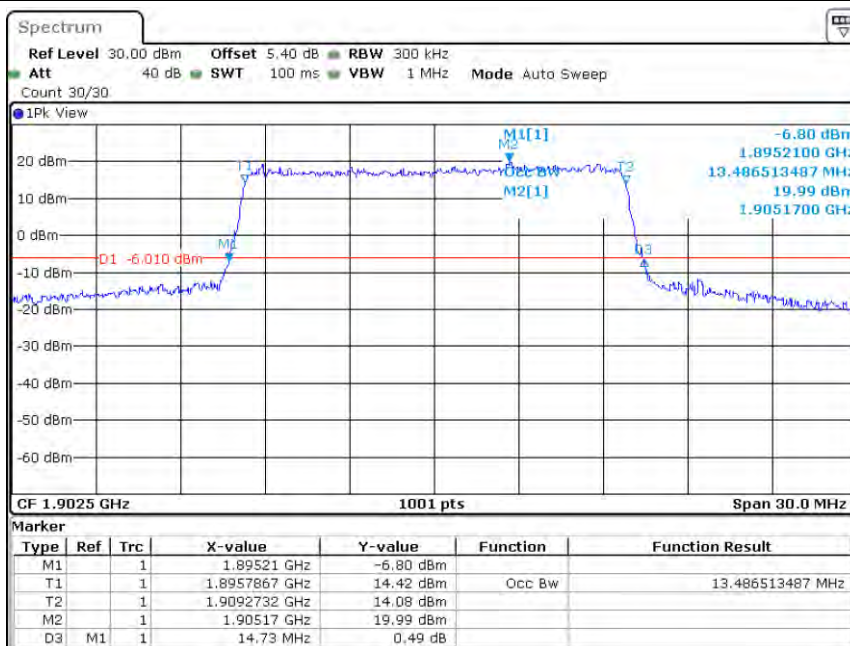


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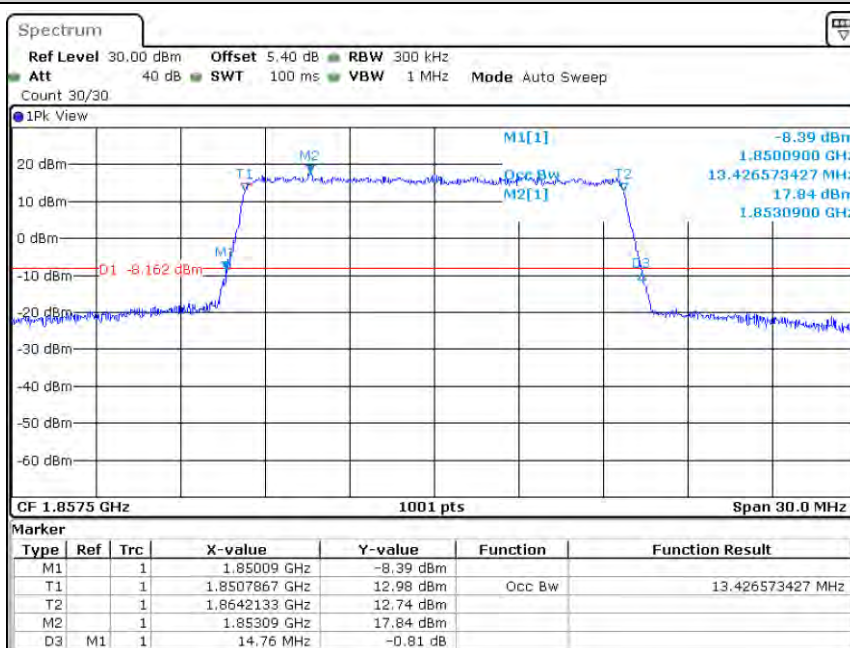


Band2-15MHz-QPSK-19125-75RB#0-13.487



Date: 1.MAY 2021 00:58:07

Band2-15MHz-64QAM-18675-75RB#0-13.427



Date: 1.MAY 2021 09:44:32

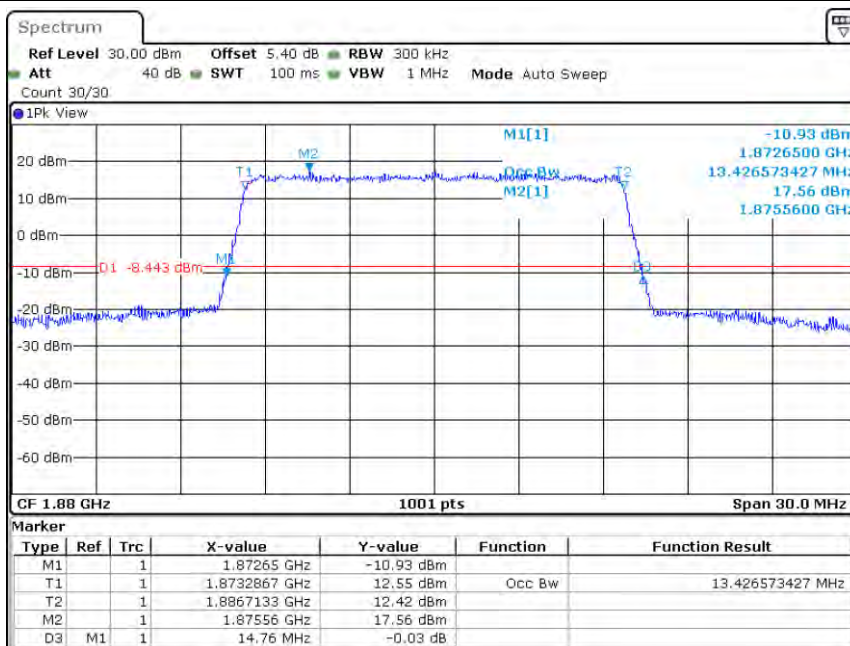


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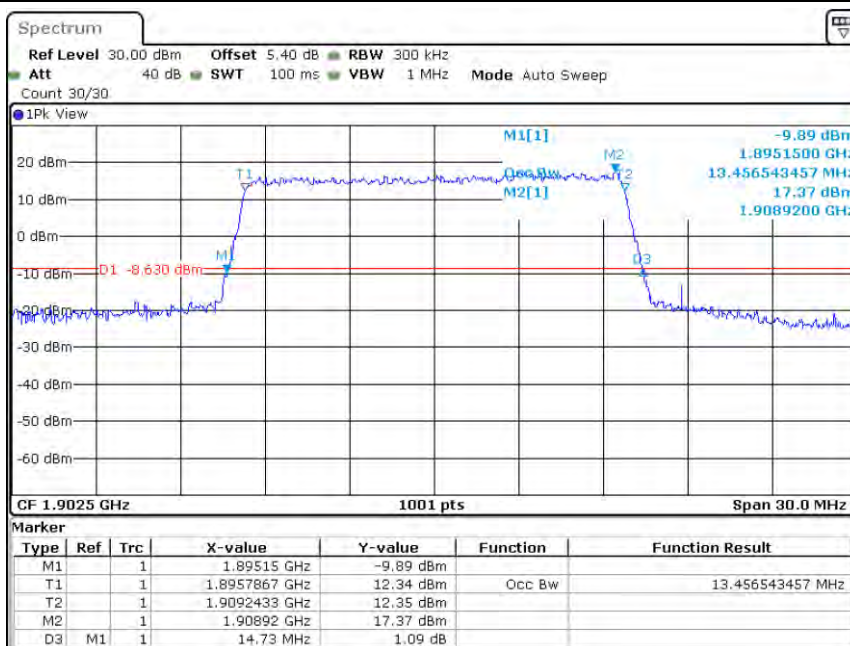


Band2-15MHz-64QAM-18900-75RB#0-13.427



Date: 1.MAY 2021 09:44:45

Band2-15MHz-64QAM-19125-75RB#0-13.457



Date: 1.MAY 2021 09:44:58

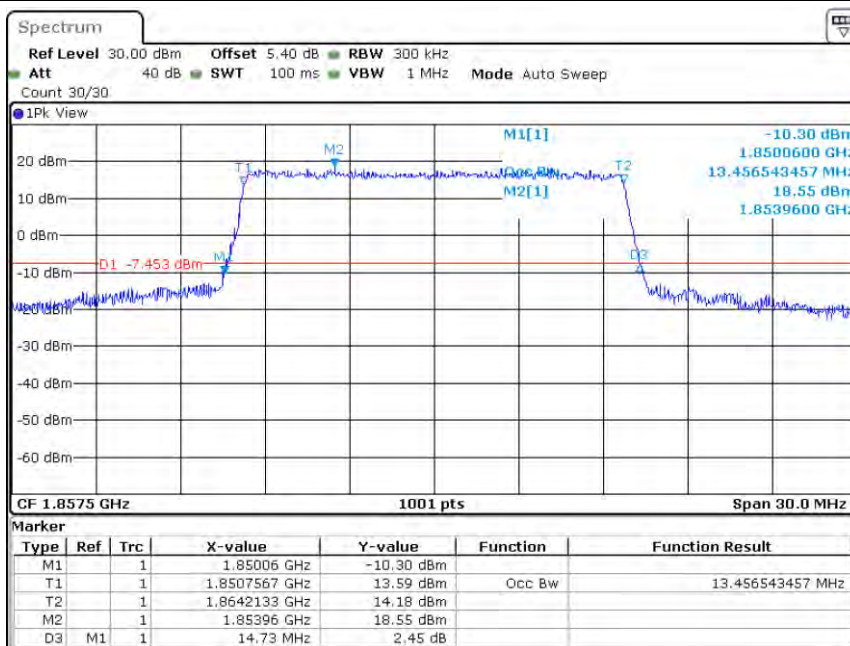


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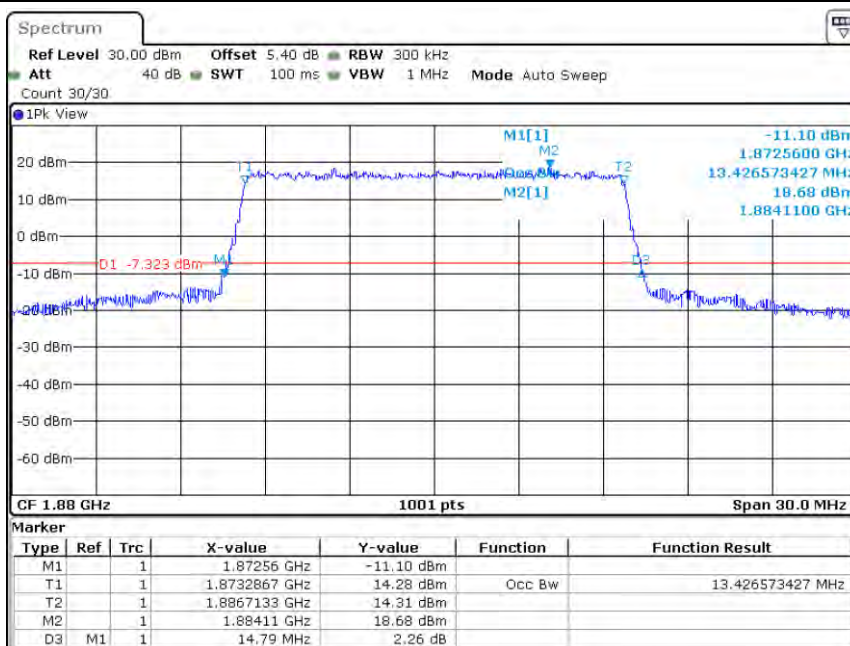


Band2-15MHz-16QAM-18675-75RB#0-13.457



Date: 1.MAY 2021 00:57:28

Band2-15MHz-16QAM-18900-75RB#0-13.427



Date: 1.MAY 2021 00:57:54

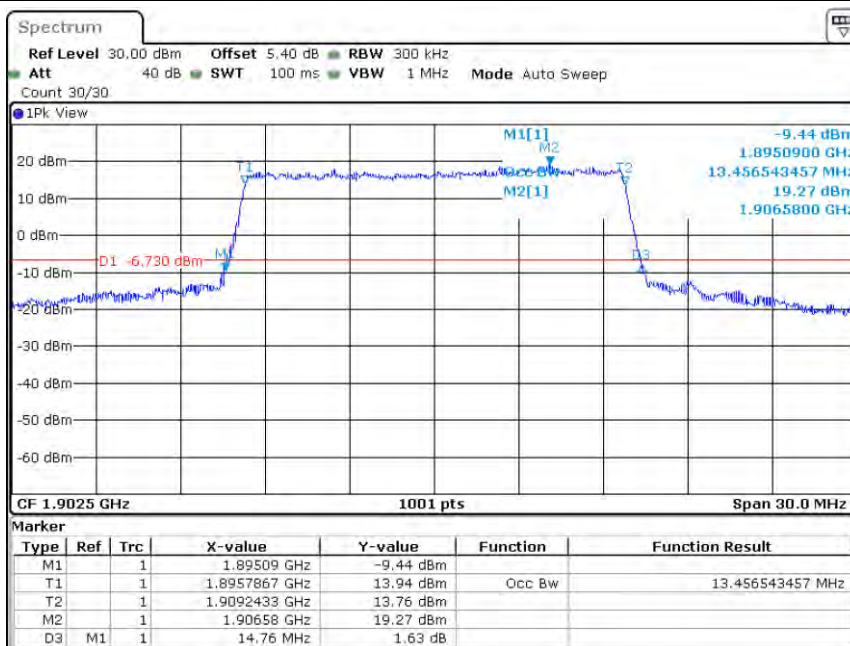


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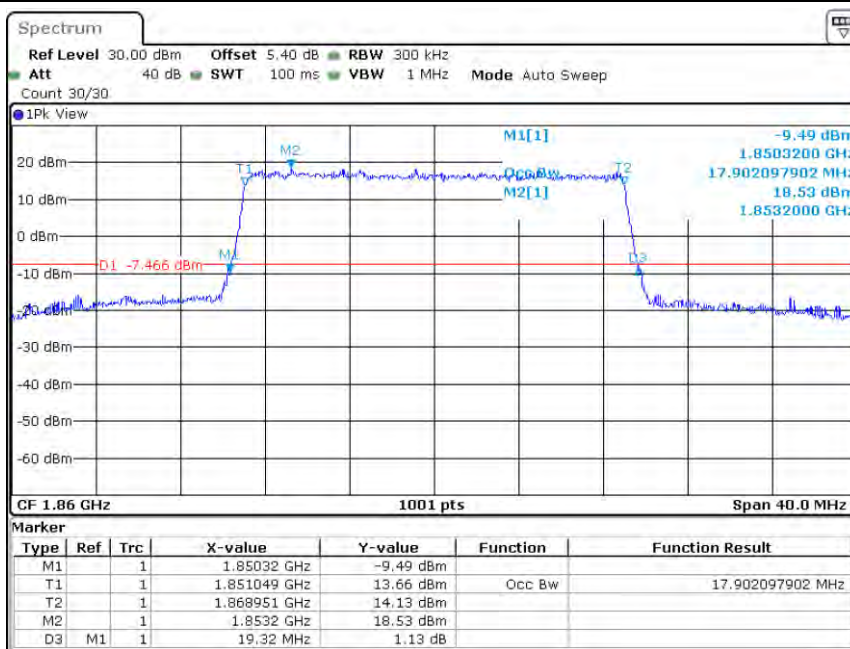


Band2-15MHz-16QAM-19125-75RB#0-13.457



Date: 1.MAY 2021 00:58:20

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



Date: 1.MAY 2021 00:58:37

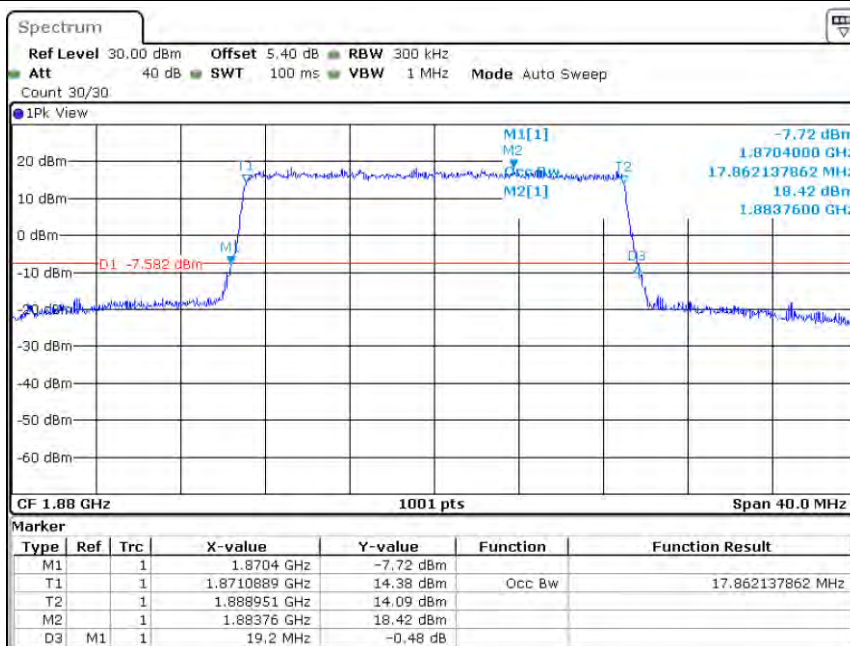


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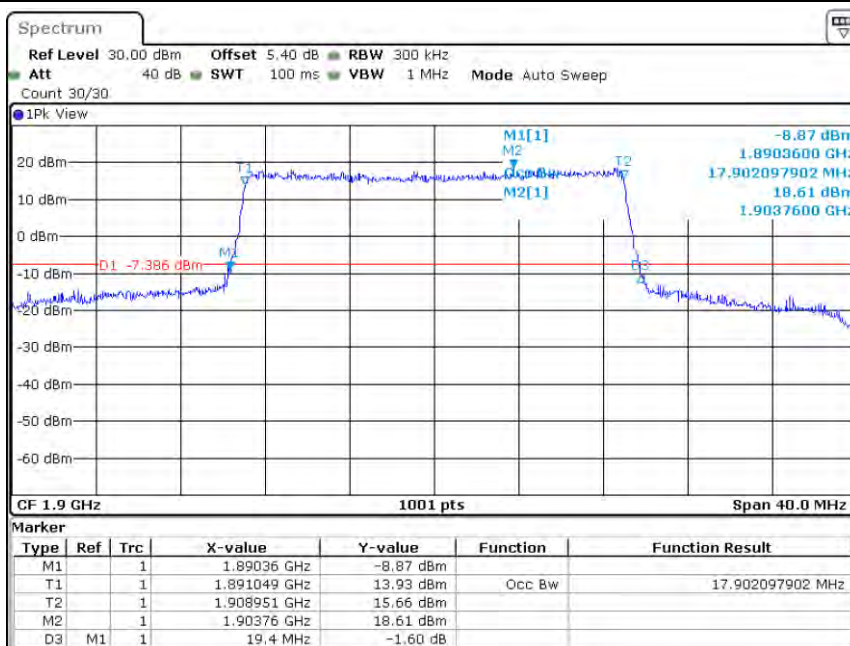


Band2-20MHz-QPSK-18900-100RB#0-17.862



Date: 1.MAY.2021 00:59:03

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



Date: 1.MAY.2021 00:59:28

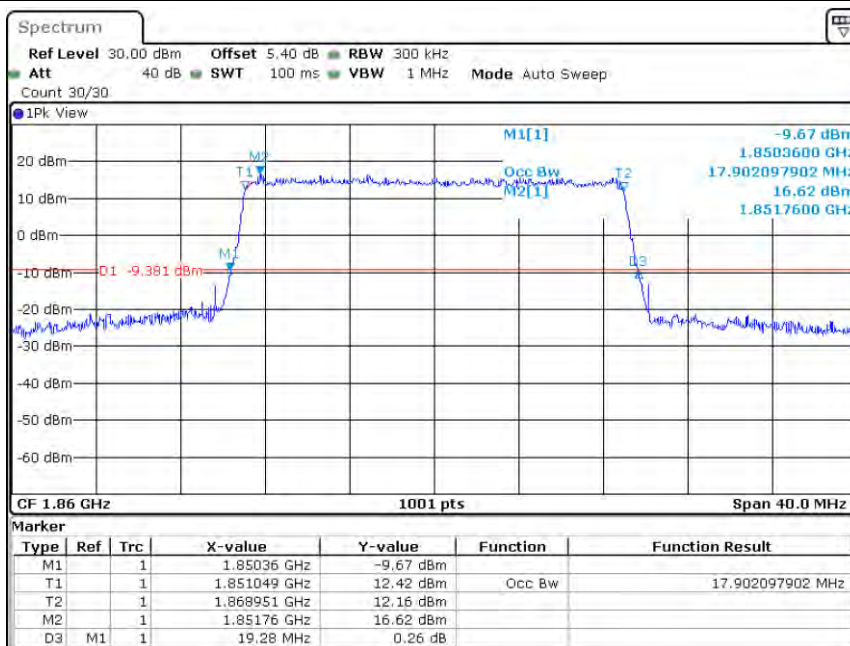


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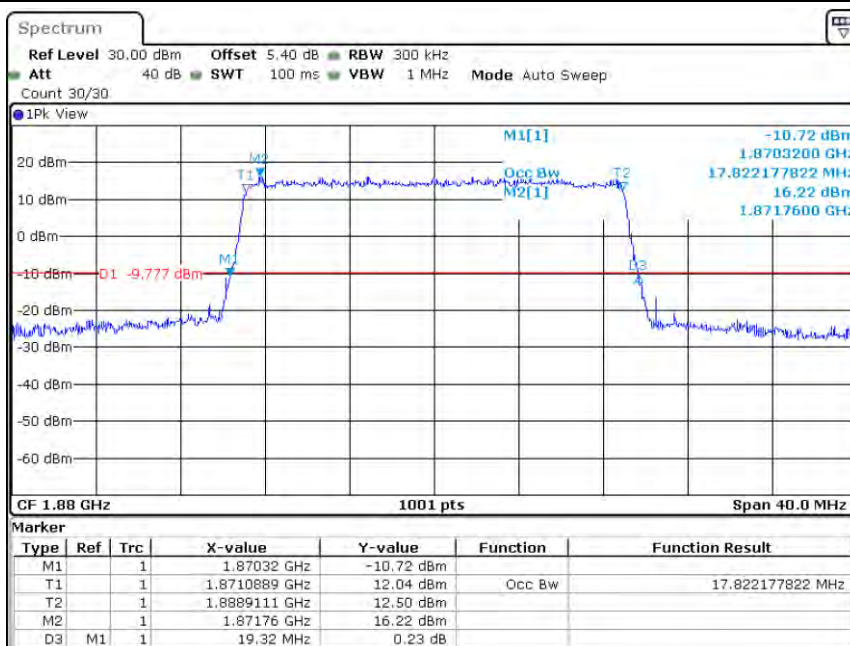


Band2-20MHz-64QAM-18700-100RB#0-17.902



Date: 1.MAY 2021 09:45:15

Band2-20MHz-64QAM-18900-100RB#0-17.822



Date: 1.MAY 2021 09:45:28



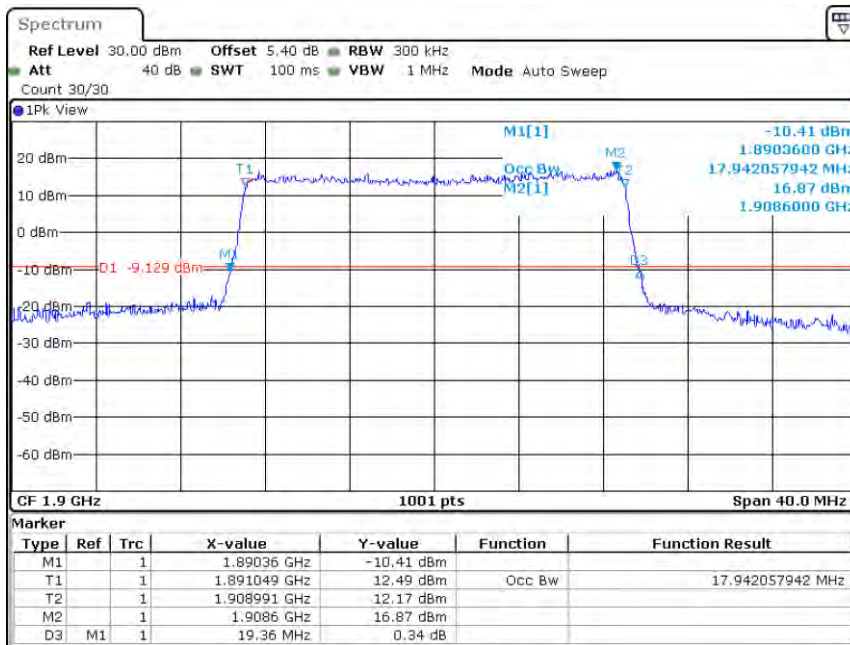
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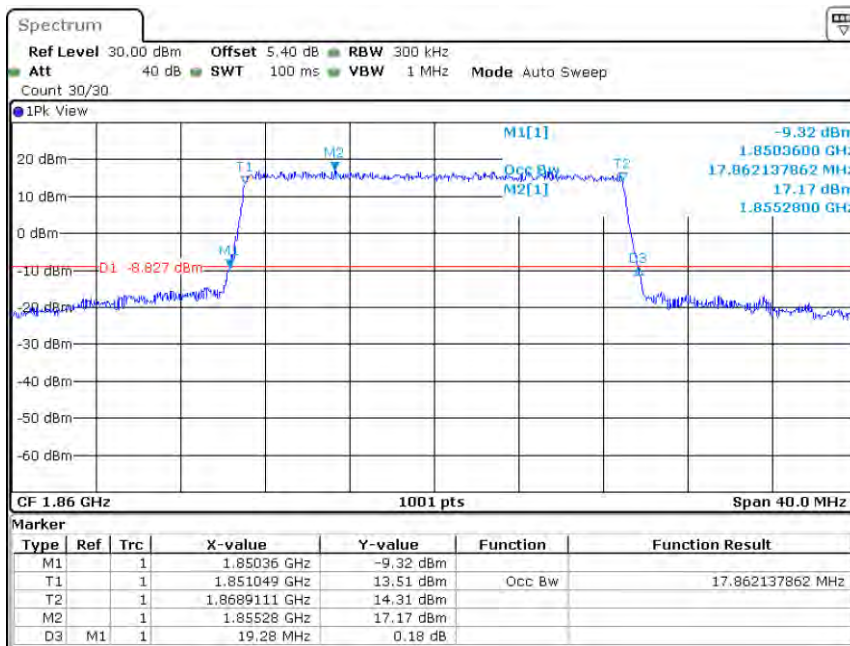


Band2-20MHz-64QAM-19100-100RB#0-17.942



Date: 1.MAY 2021 09:45:41

Band2-20MHz-16QAM-18700-100RB#0-17.862



Date: 1.MAY 2021 00:58:50

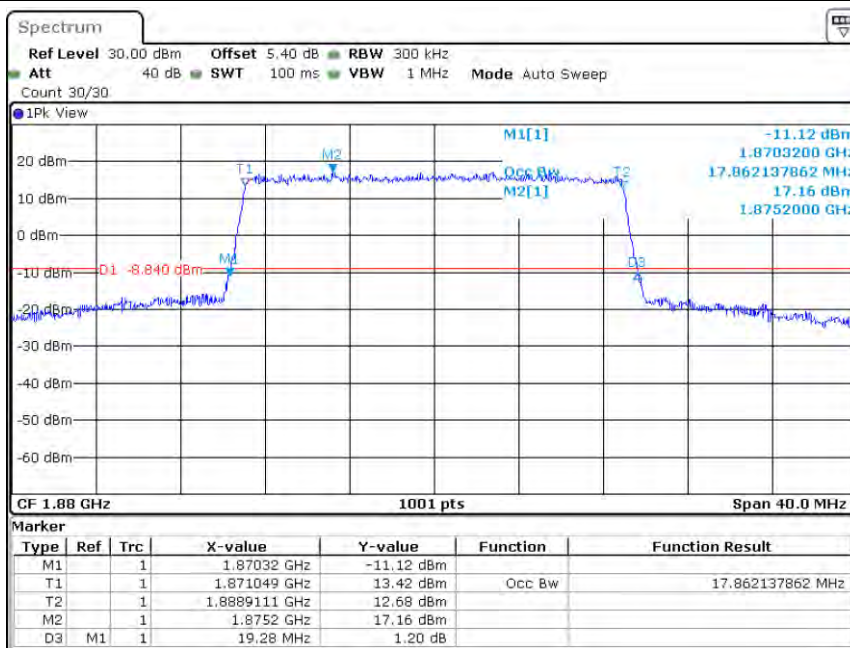


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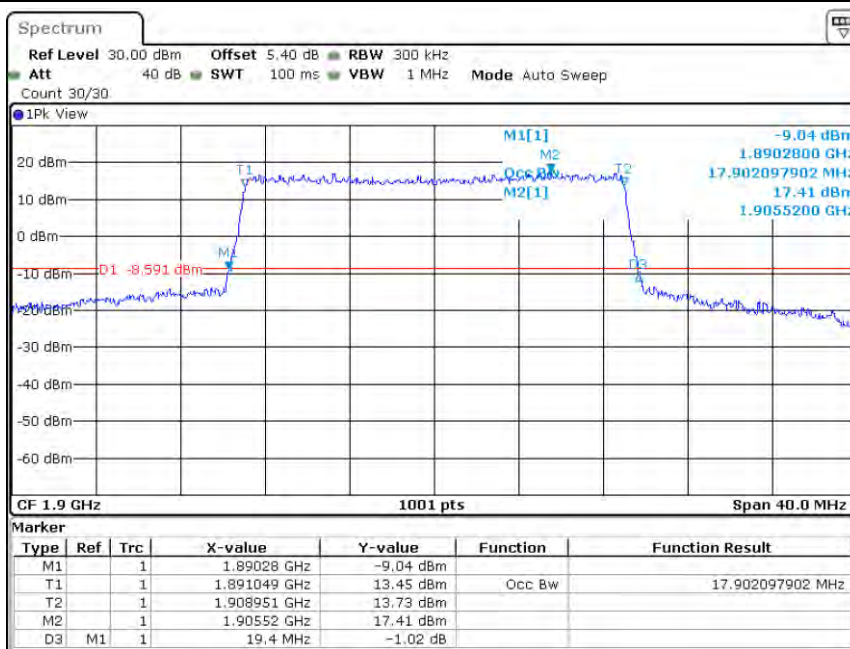


Band2-20MHz-16QAM-18900-100RB#0-17.862



Date: 1.MAY 2021 00:59:15

Band2-20MHz-16QAM-19100-100RB#0-17.902



Date: 1.MAY 2021 00:59:41



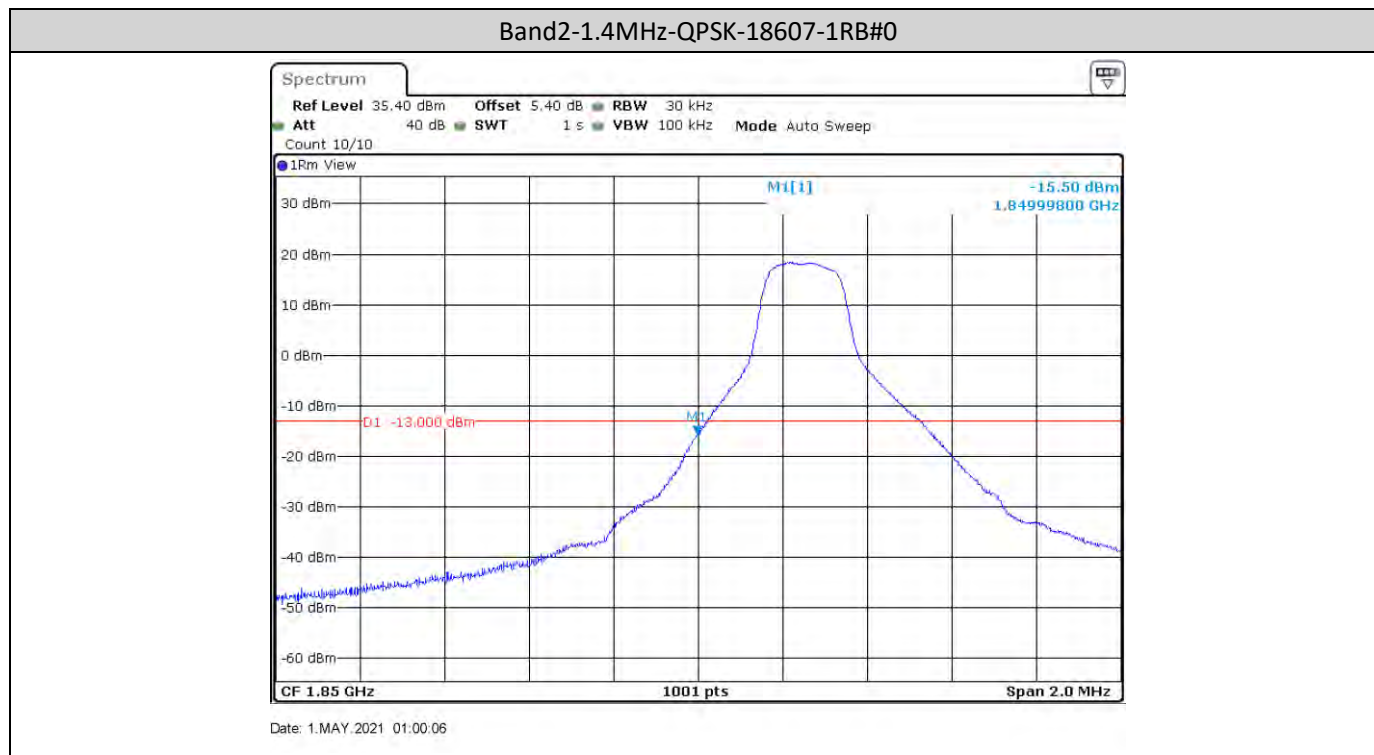
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5. Band Edge Compliance

5.1. Test Plots

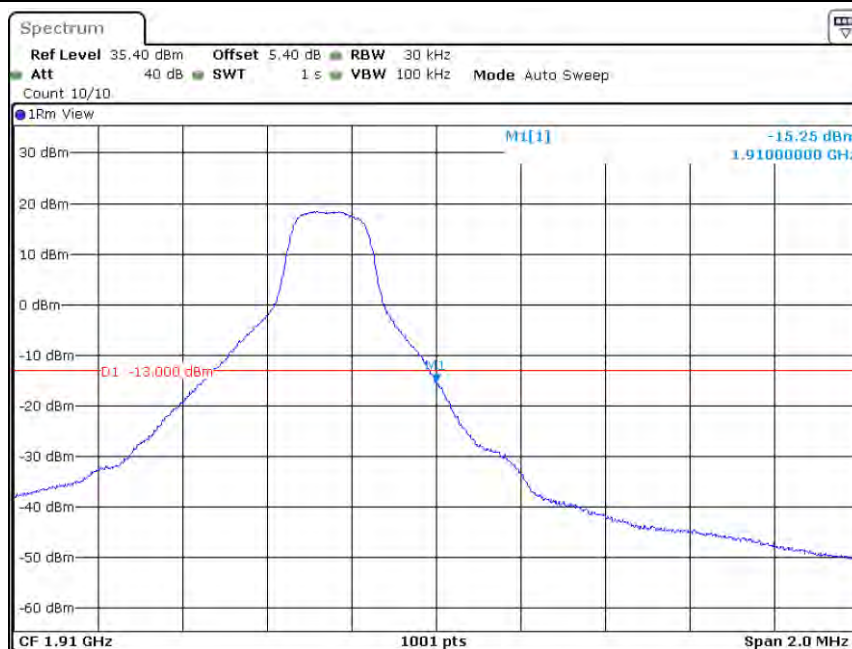


Band2-1.4MHz-QPSK-18607-6RB#0



Date: 1.MAY 2021 01:02:58

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



Date: 1.MAY 2021 01:01:32



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



Date: 1.MAY.2021 01:03:40

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



Date: 1.MAY.2021 09:46:07



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



Date: 1.MAY.2021 09:47:38

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



Date: 1.MAY.2021 09:46:53



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



Date: 1.MAY.2021 09:47:59

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



Date: 1.MAY.2021 01:00:27



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



Date: 1.MAY.2021 01:03:19

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



Date: 1.MAY.2021 01:01:53



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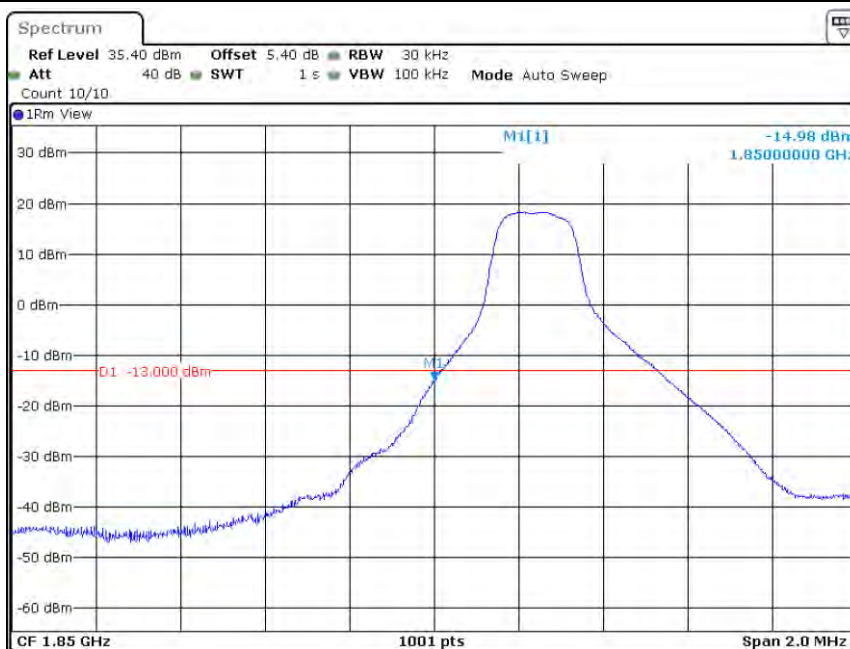


Band2-1.4MHz-16QAM-19193-6RB#0



Date: 1.MAY.2021 01:04:00

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



Date: 1.MAY.2021 01:04:26



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



Date: 1.MAY 2021 01:07:18

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



Date: 1.MAY 2021 01:05:52



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



Date: 1.MAY.2021 01:07:59

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



Date: 1.MAY.2021 09:48:24



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



Date: 1.MAY 2021 09:49:55

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



Date: 1.MAY 2021 09:49:10



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



Date: 1.MAY.2021 09:50:16

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



Date: 1.MAY.2021 01:04:46



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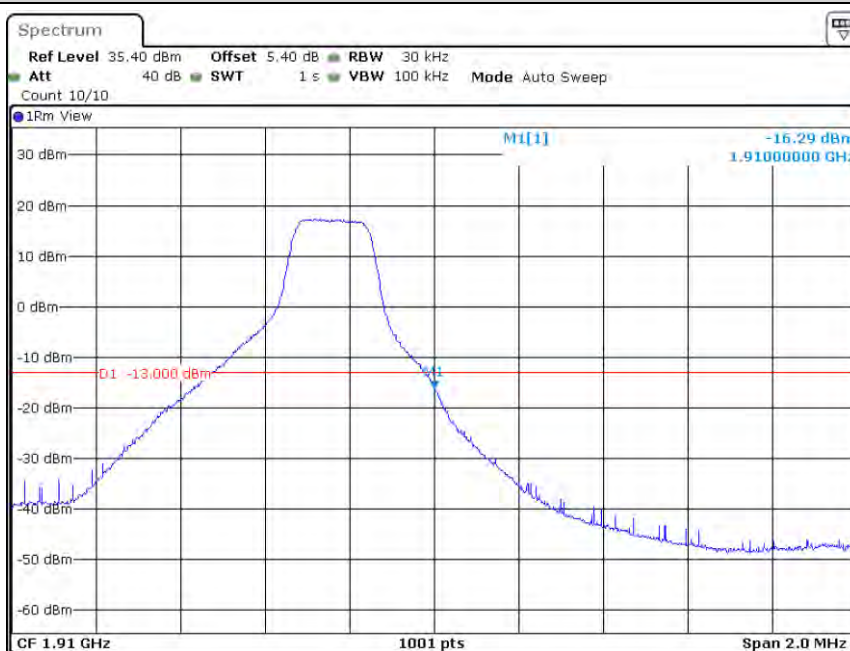


Band2-3MHz-16QAM-18615-15RB#0



Date: 1.MAY.2021 01:07:39

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



Date: 1.MAY.2021 01:06:12



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



Date: 1.MAY.2021 01:08:20

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



Date: 1.MAY.2021 01:08:45



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



Date: 1.MAY.2021 01:11:37

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



Date: 1.MAY.2021 01:10:11



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



Date: 1.MAY.2021 01:12:19

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



Date: 1.MAY.2021 09:50:42



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



Date: 1.MAY.2021 09:52:13

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



Date: 1.MAY.2021 09:51:27



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



Date: 1.MAY.2021 09:52:33

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



Date: 1.MAY.2021 01:09:06



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



Date: 1.MAY.2021 01:11:58

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



Date: 1.MAY.2021 01:10:32

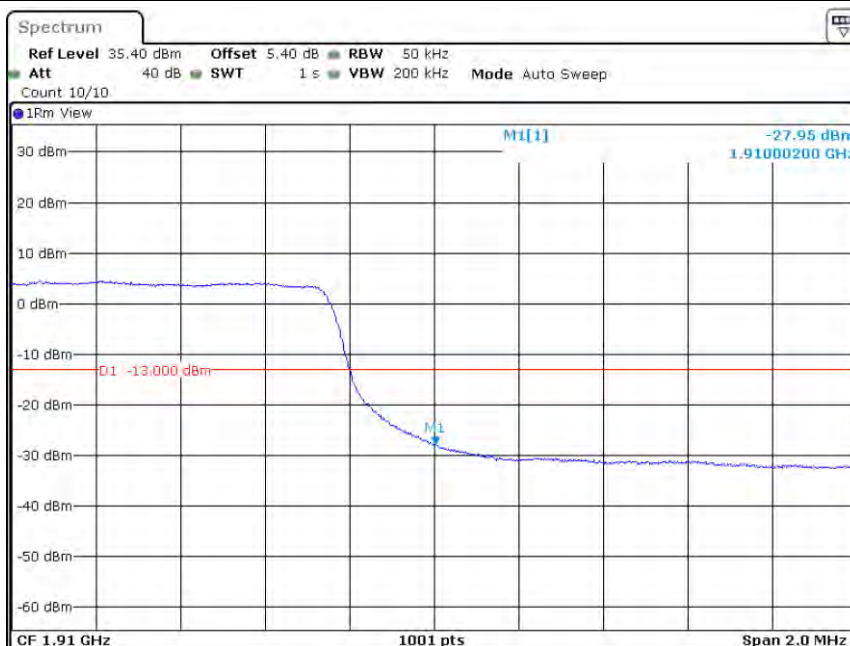


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Band2-5MHz-16QAM-19175-25RB#0



Date: 1.MAY 2021 01:12:39

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



Date: 1.MAY 2021 01:13:05



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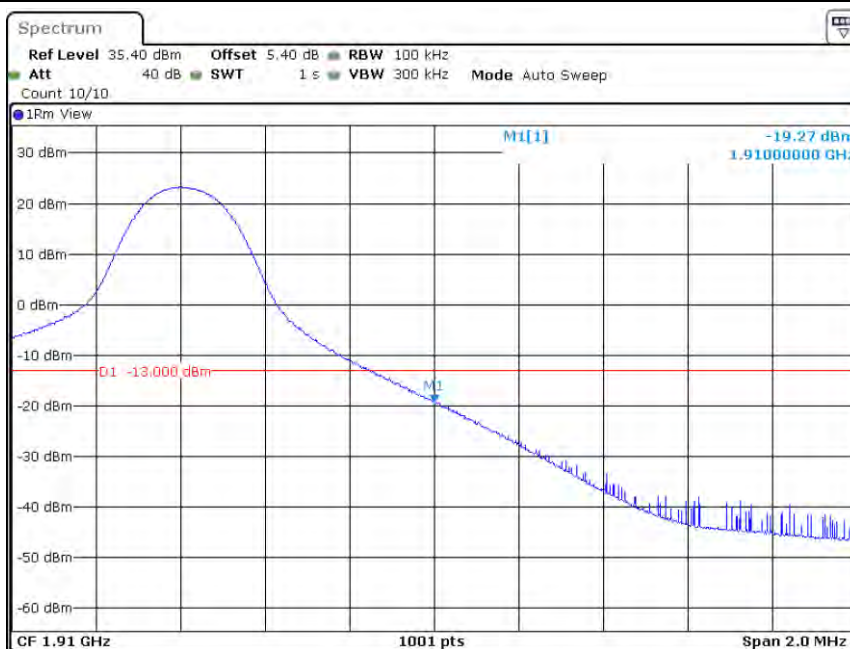


Band2-10MHz-QPSK-18650-50RB#0



Date: 1.MAY.2021 01:15:57

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



Date: 1.MAY.2021 01:14:31

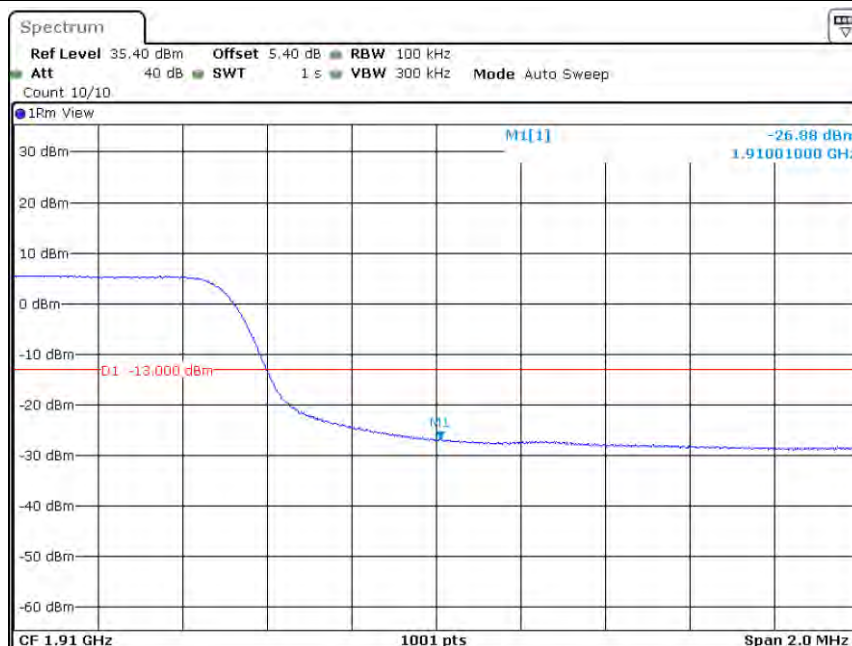


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Band2-10MHz-QPSK-19150-50RB#0



Date: 1.MAY.2021 01:16:38

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



Date: 1.MAY 2021 09:54:30

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



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



Date: 1.MAY.2021 09:54:50

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



Date: 1.MAY.2021 01:13:25



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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



Date: 1.MAY.2021 01:16:59

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



Date: 1.MAY.2021 01:17:24



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



Date: 1.MAY 2021 01:20:16

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



Date: 1.MAY 2021 01:18:50



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



Date: 1.MAY 2021 01:20:58

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



Date: 1.MAY 2021 09:55:16



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



Date: 1.MAY 2021 09:56:47

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



Date: 1.MAY 2021 09:56:01



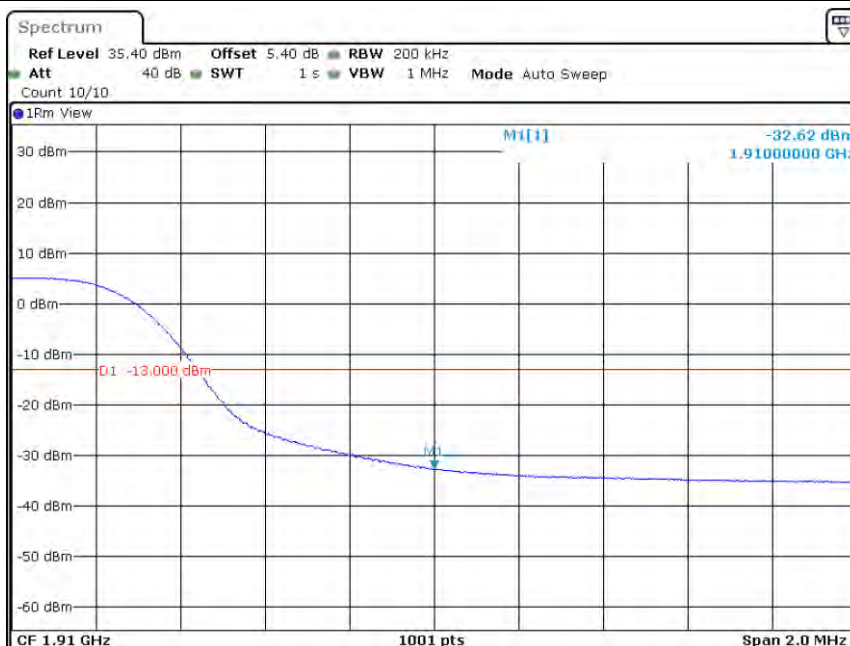
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Band2-15MHz-64QAM-19125-75RB#0



Date: 1.MAY.2021 09:57:08

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



Date: 1.MAY.2021 01:17:44



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



Date: 1.MAY 2021 01:20:37

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



Date: 1.MAY 2021 01:19:11



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



Date: 1.MAY.2021 01:21:18

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



Date: 1.MAY.2021 01:21:43



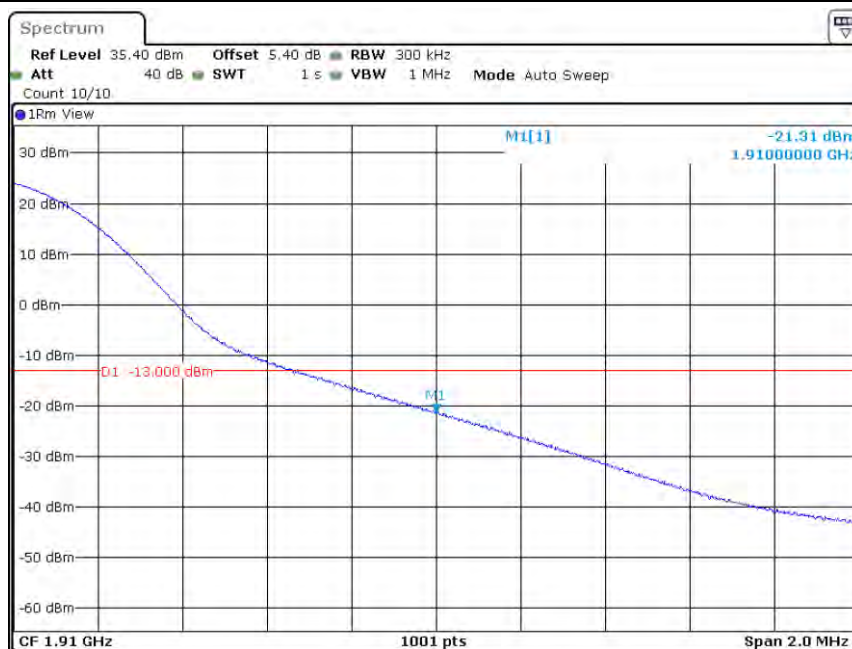


Band2-20MHz-QPSK-18700-100RB#0



Date: 1.MAY.2021 01:24:36

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



Date: 1.MAY.2021 01:23:10



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



Date: 1.MAY.2021 01:25:17

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



Date: 1.MAY.2021 09:57:33



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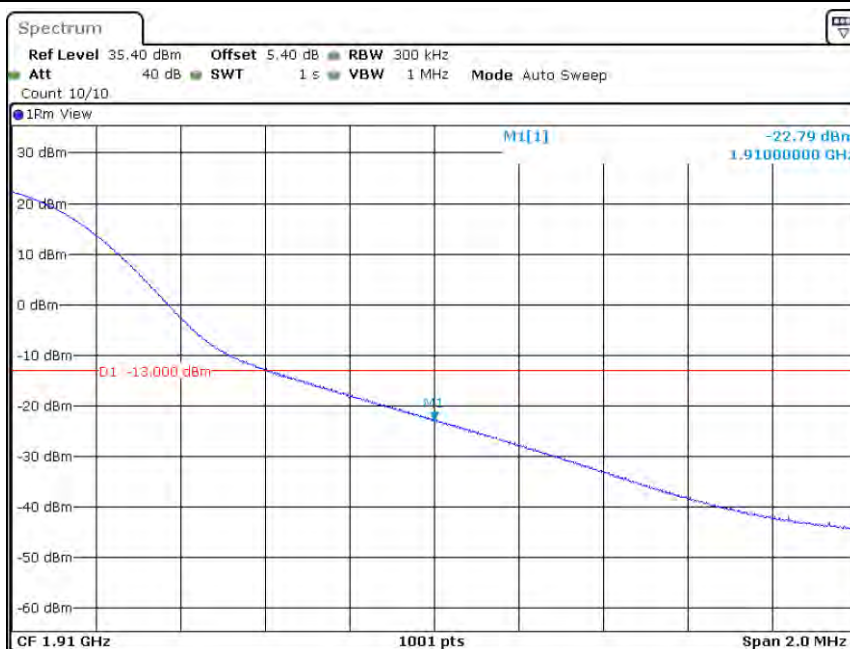


Band2-20MHz-64QAM-18700-100RB#0



Date: 1.MAY 2021 09:59:04

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



Date: 1.MAY 2021 09:58:19



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



Date: 1.MAY.2021 09:59:25

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



Date: 1.MAY.2021 01:22:04



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



Date: 1.MAY 2021 01:24:56

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



Date: 1.MAY 2021 01:23:30

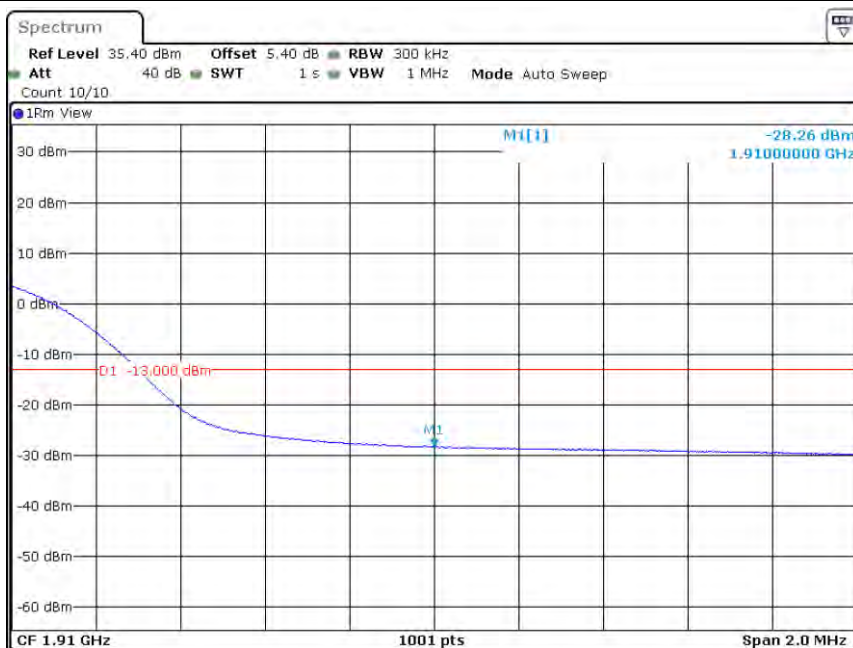


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Band2-20MHz-16QAM-19100-100RB#0



Date: 1.MAY.2021 01:25:38



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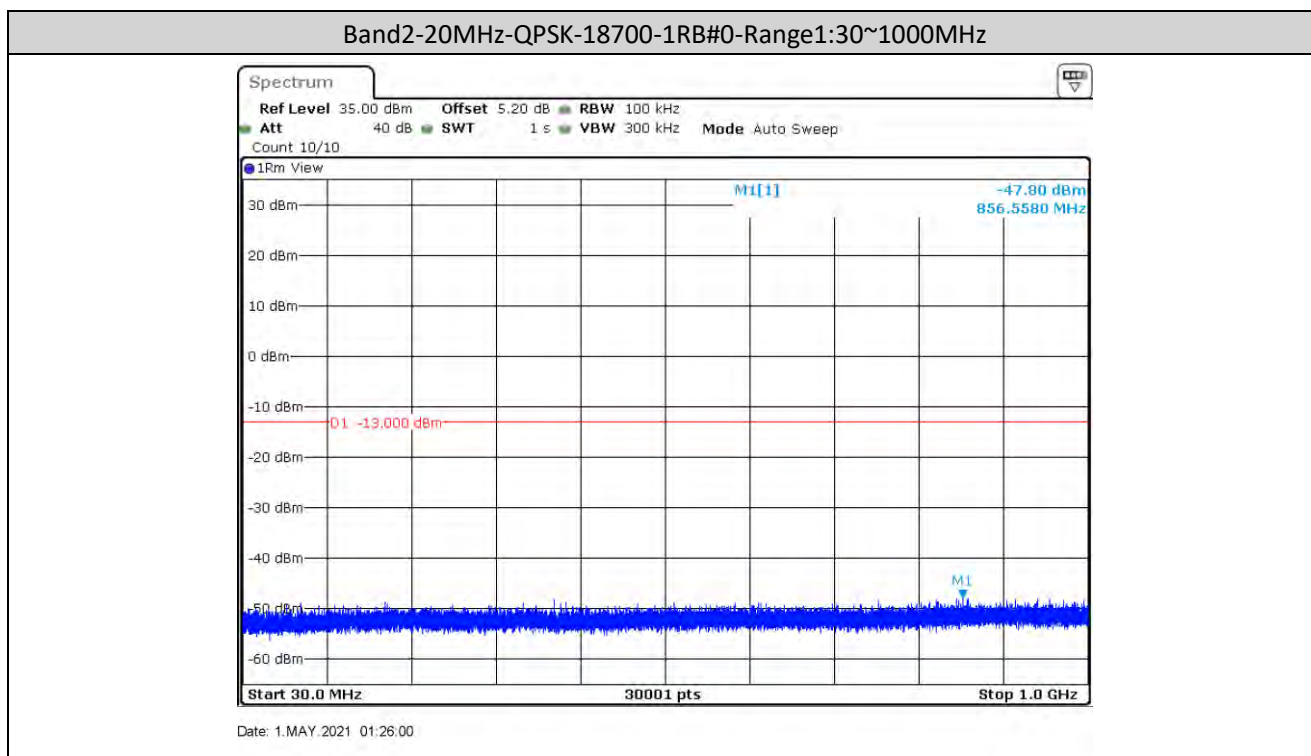
6. Spurious Emission at Antenna Terminal

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

Remark2: 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.

Remark3: 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 had been displayed.

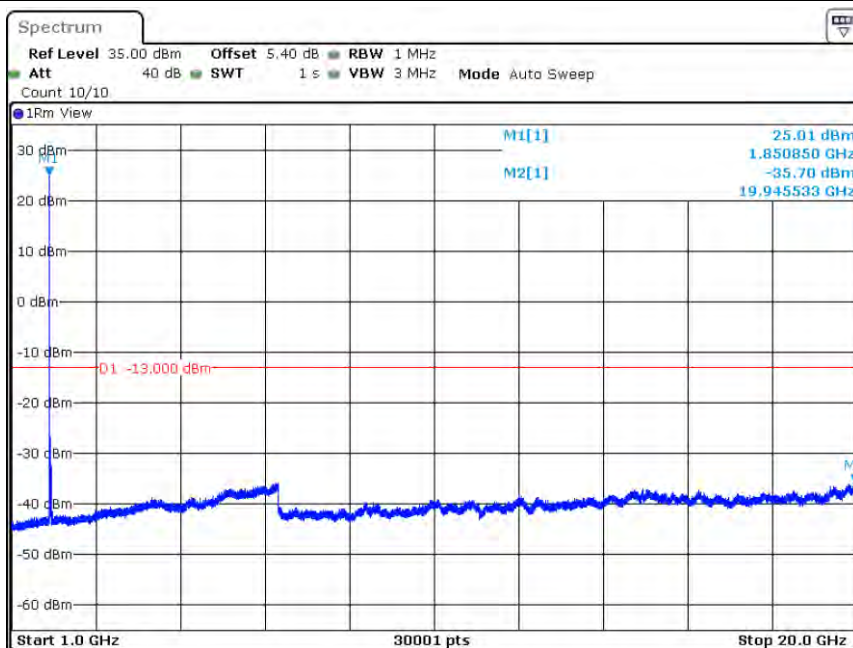
6.1. Test Plots



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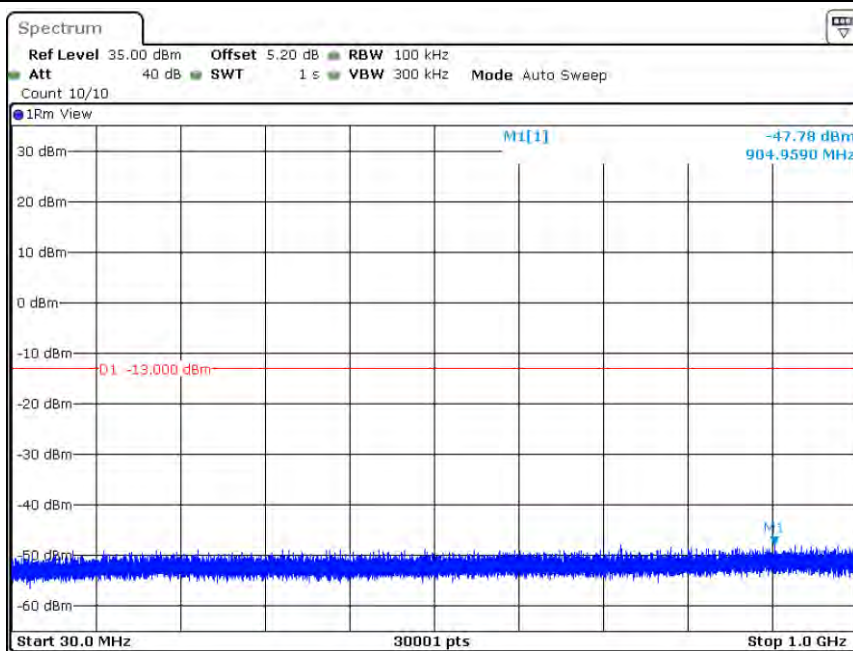
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Band2-20MHz-QPSK-18700-1RB#0-Range2:1000~20000MHz



Date: 1.MAY.2021 01:26:17

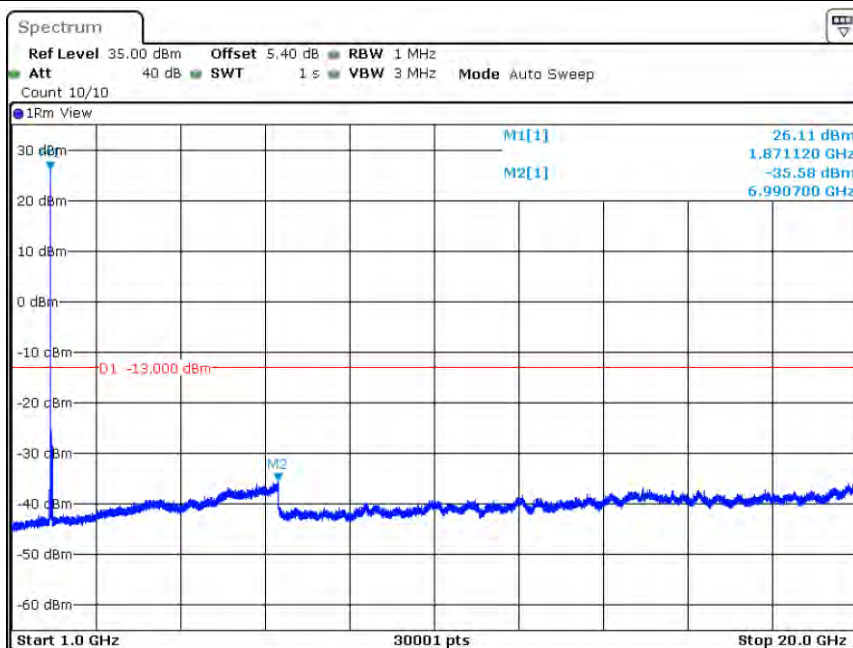
Band2-20MHz-QPSK-18900-1RB#0-Range1:30~1000MHz



Date: 1.MAY.2021 01:27:10

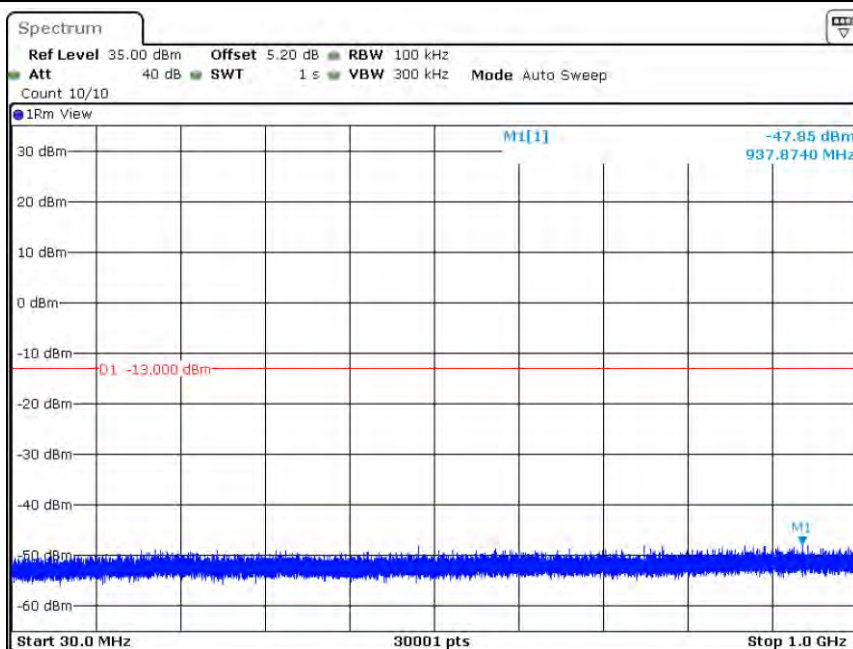


Band2-20MHz-QPSK-18900-1RB#0-Range2:1000~20000MHz



Date: 1.MAY.2021 01:27:27

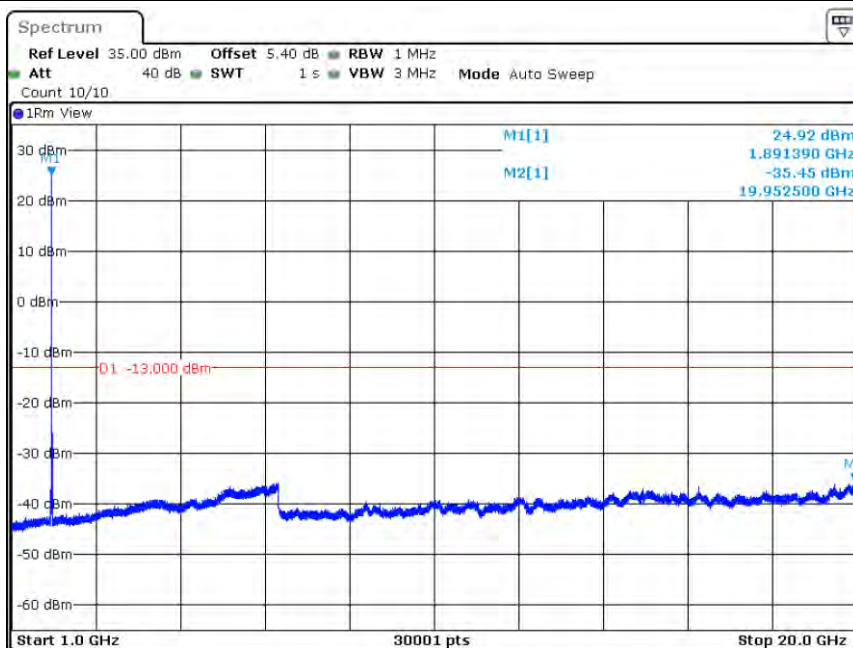
Band2-20MHz-QPSK-19100-1RB#0-Range1:30~1000MHz



Date: 1.MAY.2021 01:28:20

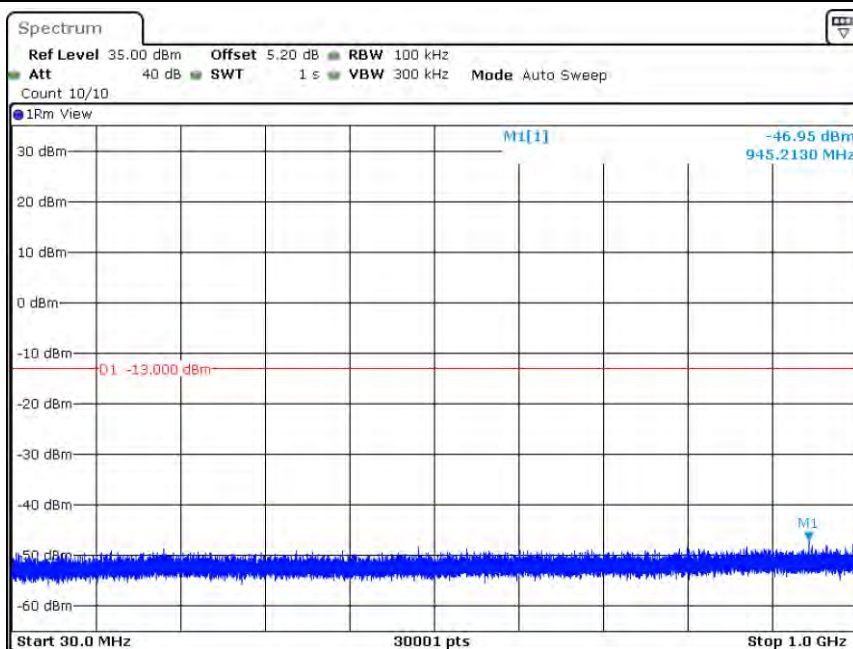


Band2-20MHz-QPSK-19100-1RB#0-Range2:1000~20000MHz



Date: 1.MAY.2021 01:28:37

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

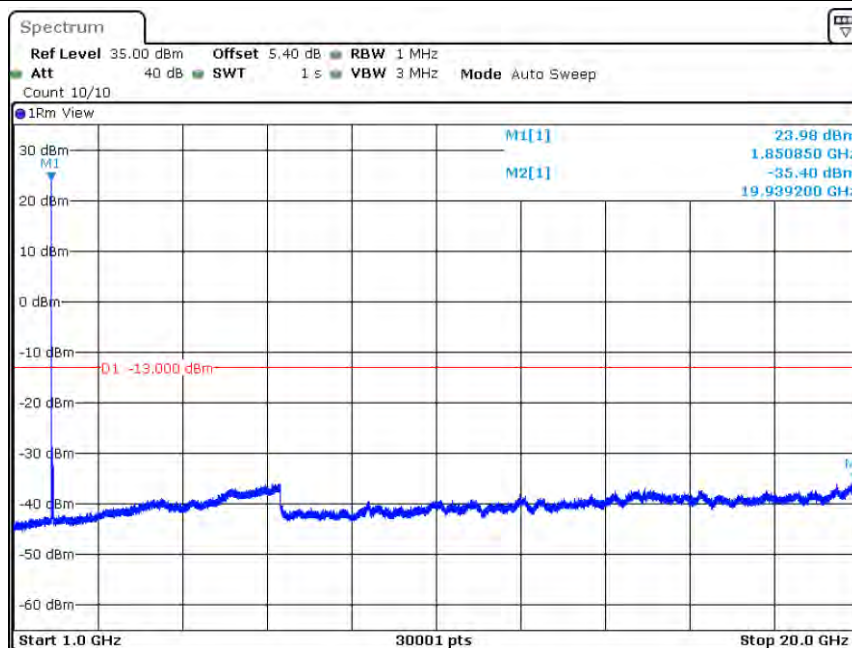


Date: 1.MAY.2021 09:59:48



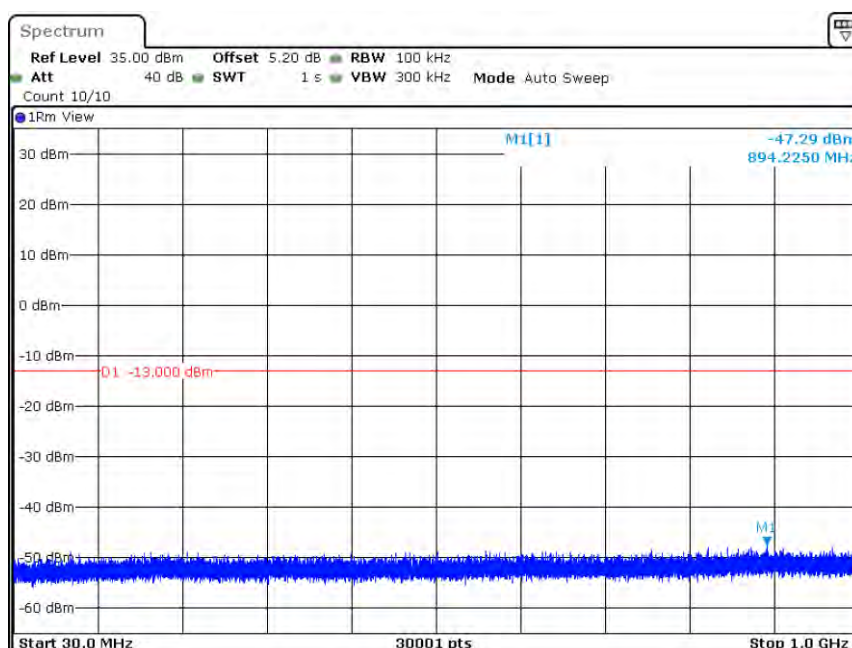


Band2-20MHz-64QAM-18700-1RB#0-Range2:1000~20000MHz



Date: 1.MAY.2021 10:00:04

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



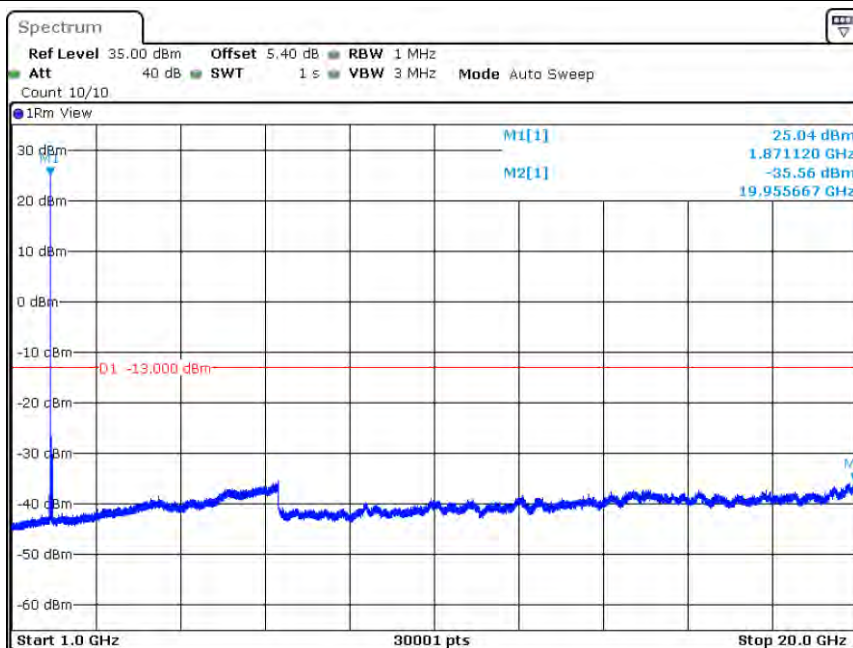
Date: 1.MAY.2021 10:00:23



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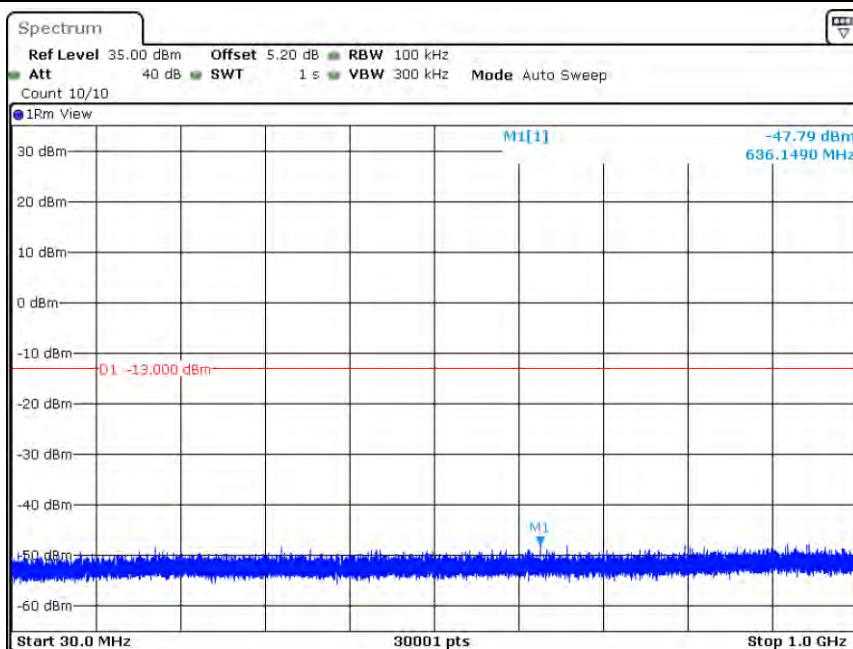
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Band2-20MHz-64QAM-18900-1RB#0-Range2:1000~20000MHz



Date: 1.MAY.2021 10:00:40

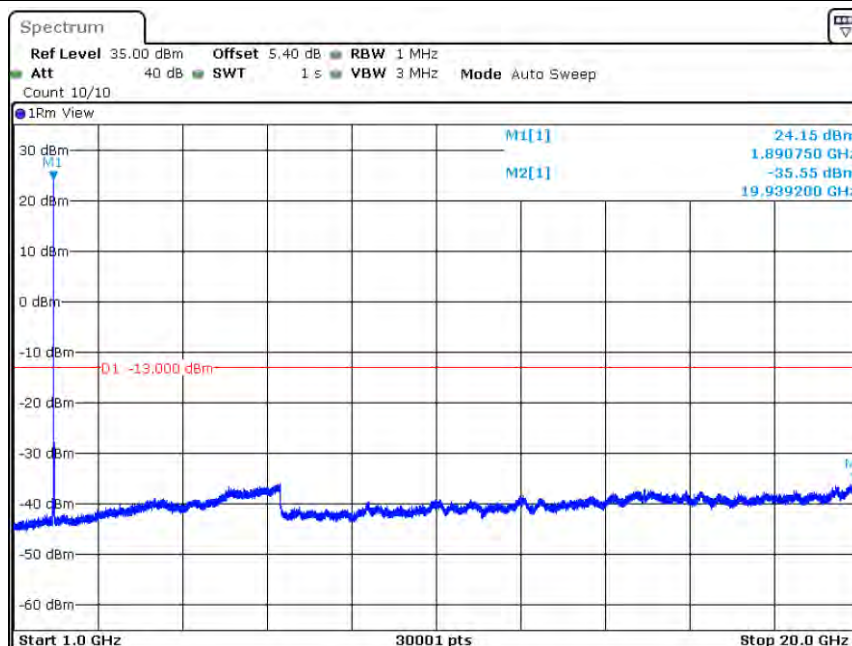
Band2-20MHz-64QAM-19100-1RB#0-Range1:30~1000MHz



Date: 1.MAY.2021 10:00:58

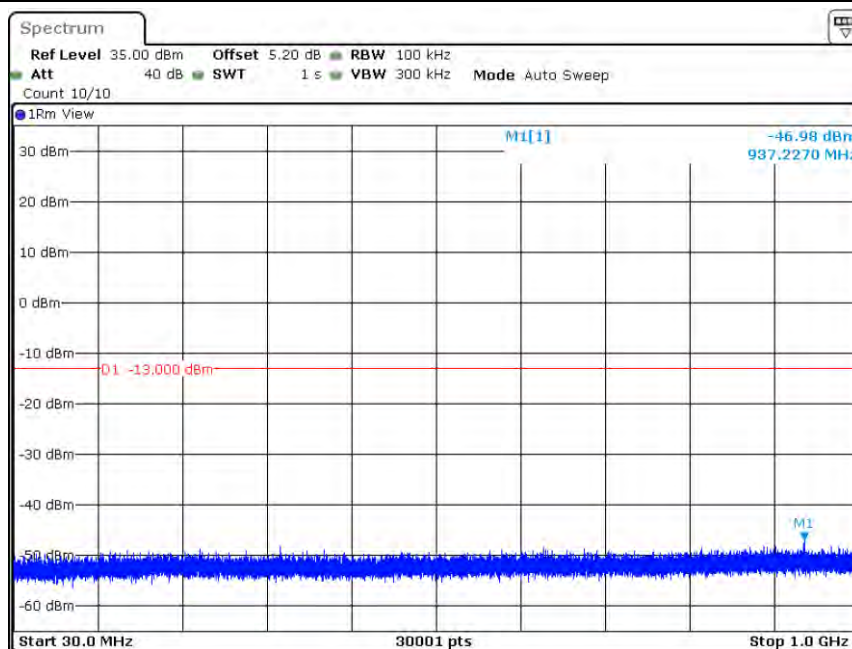


Band2-20MHz-64QAM-19100-1RB#0-Range2:1000~20000MHz



Date: 1.MAY.2021 10:01:15

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



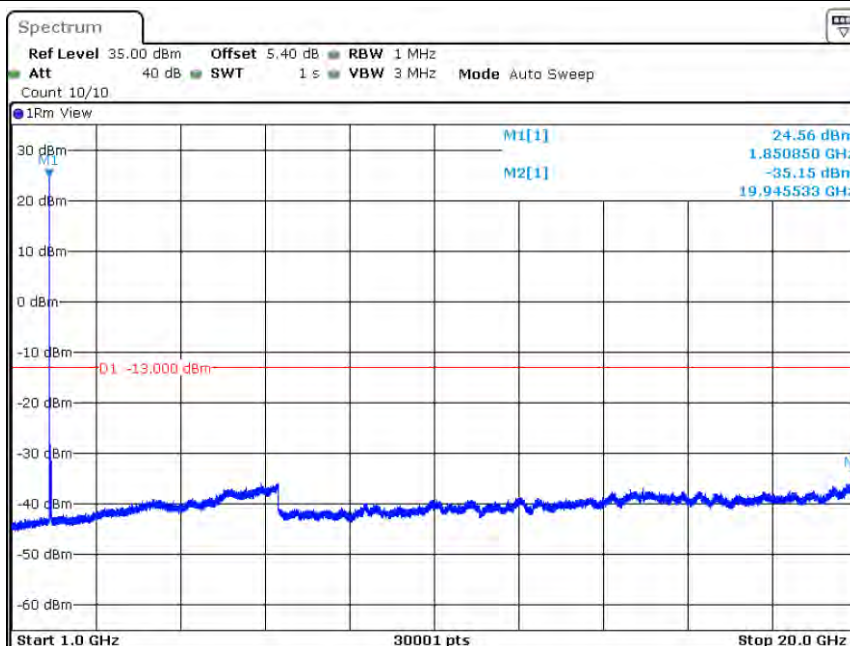
Date: 1.MAY.2021 01:26:35



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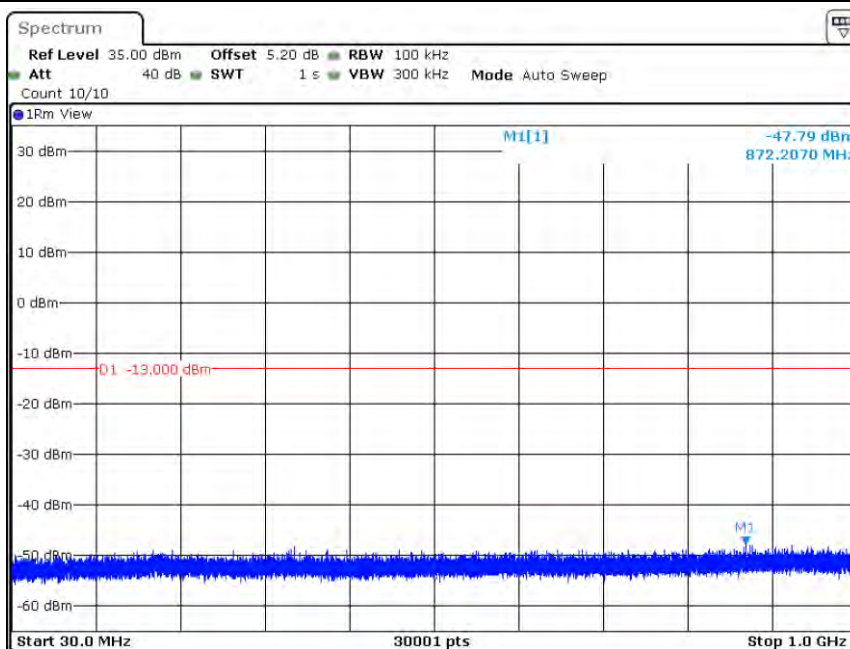
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Band2-20MHz-16QAM-18700-1RB#0-Range2:1000~20000MHz



Date: 1.MAY.2021 01:26:51

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



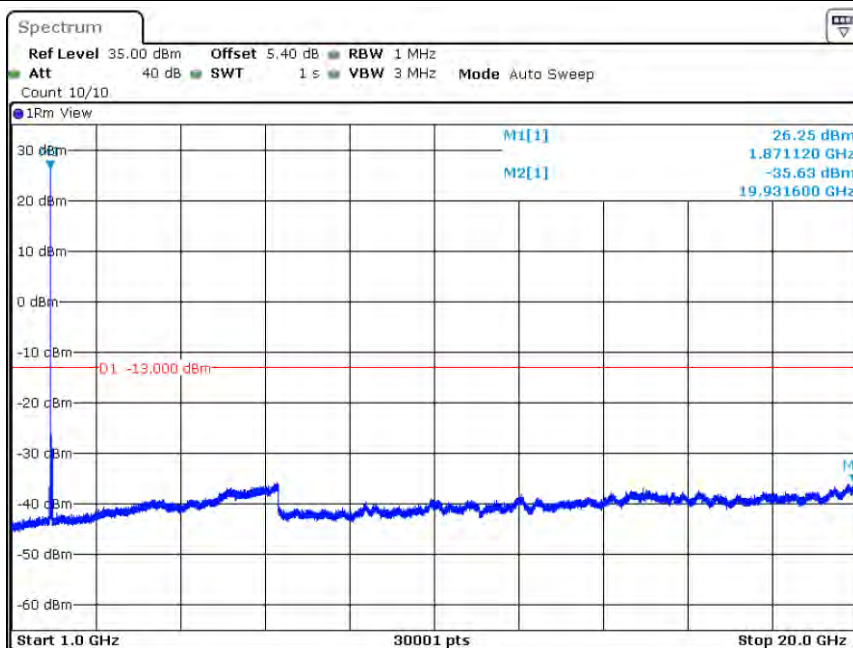
Date: 1.MAY.2021 01:27:45



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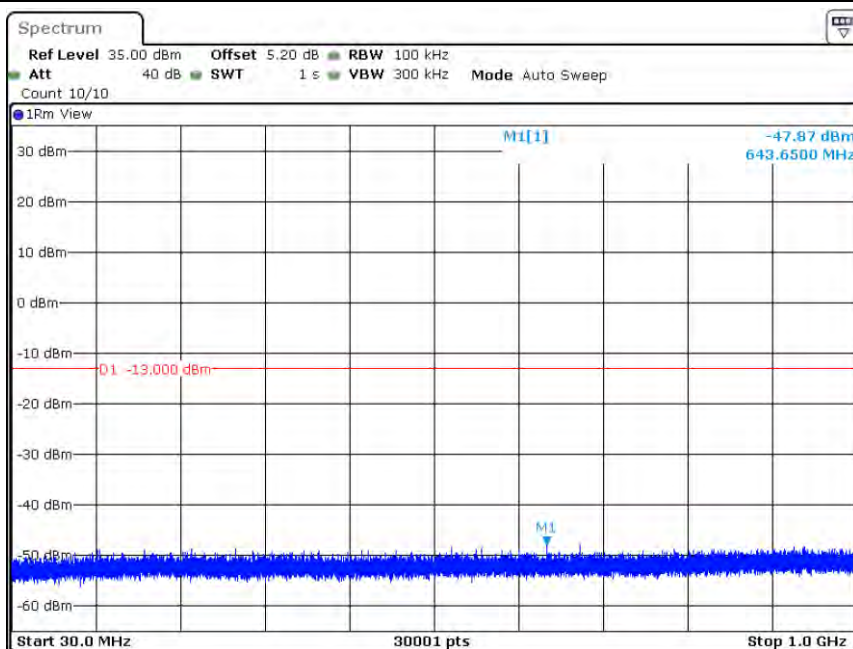
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Band2-20MHz-16QAM-18900-1RB#0-Range2:1000~20000MHz



Date: 1.MAY.2021 01:28:01

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

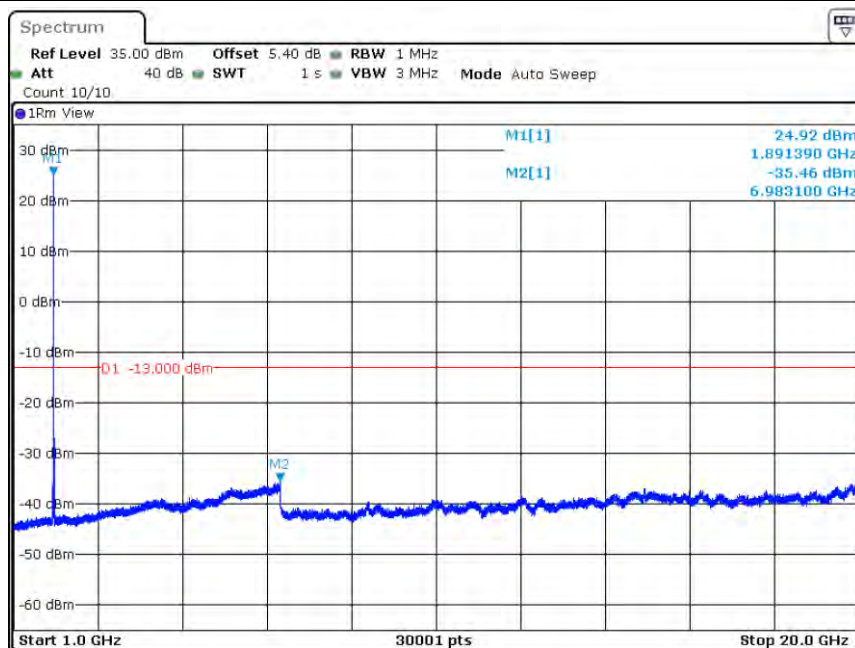


Date: 1.MAY.2021 01:28:55





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



Date: 1.MAY.2021 01:29:12



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Shenzhen Branch

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7. Field Strength of Spurious Radiation

7.1. Test Band = LTE_Band=2 BW=20MHz ANT0

7.1.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	43.9689	-73.38	-57.42	-13.00	44.42	Horizontal
2	247.9412	-79.09	-67.53	-13.00	54.53	Horizontal
3	728.9639	-79.46	-61.60	-13.00	48.60	Horizontal
4	3702.0351	-37.99	-45.21	-13.00	32.21	Horizontal
5	5316.8658	-57.45	-56.09	-13.00	43.09	Horizontal
6	16401.670	-60.01	-44.18	-13.00	31.18	Horizontal



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7.2. Test Band = LTE_Band=2 BW=20MHz ANT0

7.2.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.6803	-74.36	-67.91	-13.00	54.91	Vertical
2	118.4699	-79.79	-65.16	-13.00	52.16	Vertical
3	642.1755	-79.01	-62.93	-13.00	49.93	Vertical
4	3702.0351	-47.35	-55.37	-13.00	42.37	Vertical
5	5308.6154	-57.62	-56.66	-13.00	43.66	Vertical
6	17987.999	-58.47	-39.00	-13.00	26.00	Vertical





7.3. Test Band = LTE Band=2 BW=20MHz ANT0

7.3.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	42.8695	-75.05	-59.16	-13.00	46.16	Horizontal
2	229.1866	-79.77	-68.41	-13.00	55.41	Horizontal
3	2701.6851	-72.53	-33.85	-13.00	20.85	Horizontal
4	5298.1149	-57.80	-56.23	-13.00	43.23	Horizontal
5	16403.920	-59.76	-44.02	-13.00	31.02	Horizontal
6	17997.749	-58.10	-43.39	-13.00	30.39	Horizontal



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7.4. Test Band = LTE Band=2 BW=20MHz ANT0

7.4.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.3570	-73.65	-67.48	-13.00	54.48	Vertical
2	110.9681	-79.64	-64.41	-13.00	51.41	Vertical
3	604.6663	-79.44	-63.10	-13.00	50.10	Vertical
4	5316.8658	-57.74	-56.89	-13.00	43.89	Vertical
5	14541.577	-62.14	-47.86	-13.00	34.86	Vertical
6	17990.999	-58.16	-38.70	-13.00	25.70	Vertical



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7.5. Test Band = LTE Band=2 BW=20MHz ANT0

7.5.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.5510	-73.09	-57.09	-13.00	44.09	Horizontal
2	246.9065	-78.69	-67.11	-13.00	54.11	Horizontal
3	2702.1851	-72.43	-33.77	-13.00	20.77	Horizontal
4	5241.1121	-57.66	-57.35	-13.00	44.35	Horizontal
5	16400.170	-59.92	-44.03	-13.00	31.03	Horizontal
6	17989.499	-58.22	-43.49	-13.00	30.49	Horizontal



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7.6. Test Band = LTE Band=2 BW=20MHz ANT0

7.6.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.3570	-73.90	-67.73	-13.00	54.73	Vertical
2	110.3860	-79.51	-64.23	-13.00	51.23	Vertical
3	2651.4826	-72.36	-35.93	-13.00	22.93	Vertical
4	5294.3647	-57.82	-56.85	-13.00	43.85	Vertical
5	14701.335	-61.49	-47.89	-13.00	34.89	Vertical
6	17997.749	-58.36	-38.91	-13.00	25.91	Vertical



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7.7. Test Band = LTE_Band=2 BW=20MHz ANT3

7.7.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.6803	-73.71	-57.70	-13.00	44.70	Horizontal
2	351.8675	-78.83	-67.17	-13.00	54.17	Horizontal
3	2698.2849	-72.15	-33.48	-13.00	20.48	Horizontal
4	5288.3644	-57.59	-56.23	-13.00	43.23	Horizontal
5	16337.166	-60.59	-46.87	-13.00	33.87	Horizontal
6	17986.499	-58.46	-43.73	-13.00	30.73	Horizontal



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7.8. Test Band = LTE Band=2 BW=20MHz ANT3

7.8.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	43.9689	-74.88	-69.05	-13.00	56.05	Vertical
2	114.0723	-78.87	-63.89	-13.00	50.89	Vertical
3	2713.6857	-71.80	-34.44	-13.00	21.44	Vertical
4	5256.1128	-57.67	-57.45	-13.00	44.45	Vertical
5	14708.835	-61.18	-47.74	-13.00	34.74	Vertical
6	17987.999	-58.26	-38.79	-13.00	25.79	Vertical



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7.9. Test Band = LTE Band=2 BW=20MHz ANT3

7.9.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.2923	-73.30	-57.32	-13.00	44.32	Horizontal
2	489.2286	-80.00	-66.25	-13.00	53.25	Horizontal
3	2694.7847	-72.17	-33.59	-13.00	20.59	Horizontal
4	5302.6151	-57.89	-56.32	-13.00	43.32	Horizontal
5	16400.920	-60.03	-44.17	-13.00	31.17	Horizontal
6	17996.249	-58.39	-43.68	-13.00	30.68	Horizontal



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7.10. Test Band = LTE_Band=2 BW=20MHz ANT3

7.10.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.6156	-72.35	-65.96	-13.00	52.96	Vertical
2	111.0974	-79.40	-64.18	-13.00	51.18	Vertical
3	2701.3851	-72.31	-34.86	-13.00	21.86	Vertical
4	5256.8628	-56.94	-56.71	-13.00	43.71	Vertical
5	14685.584	-61.51	-47.87	-13.00	34.87	Vertical
6	17991.749	-58.51	-39.05	-13.00	26.05	Vertical



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7.11. Test Band = LTE_Band=2 BW=20MHz ANT3

7.11.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	43.8396	-71.31	-55.35	-13.00	42.35	Horizontal
2	623.5502	-79.21	-62.79	-13.00	49.79	Horizontal
3	2699.0850	-72.30	-33.60	-13.00	20.60	Horizontal
4	5317.6159	-57.75	-56.40	-13.00	43.40	Horizontal
5	16406.920	-59.68	-44.07	-13.00	31.07	Horizontal
6	17990.999	-58.50	-43.78	-13.00	30.78	Horizontal



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7.12. Test Band = LTE_Band=2 BW=20MHz ANT3

7.12.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.8743	-73.97	-67.35	-13.00	54.35	Vertical
2	115.8831	-79.68	-64.84	-13.00	51.84	Vertical
3	2853.8927	-72.41	-34.62	-13.00	21.62	Vertical
4	5298.8649	-58.00	-56.94	-13.00	43.94	Vertical
5	14684.084	-61.35	-47.71	-13.00	34.71	Vertical
6	17990.249	-58.29	-38.83	-13.00	25.83	Vertical

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	13.20	0.007097	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VN	NT	12.70	0.006828	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VH	NT	7.50	0.004032	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	7.80	0.004149	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	9.90	0.005266	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	8.70	0.004628	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VL	NT	9.50	0.005000	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VN	NT	8.80	0.004632	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VH	NT	5.30	0.002789	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VL	NT	4.50	0.002419	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VN	NT	7.30	0.003925	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VH	NT	6.30	0.003387	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VL	NT	10.00	0.005319	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VN	NT	10.40	0.005532	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VH	NT	6.30	0.003351	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VL	NT	7.60	0.004000	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VN	NT	5.50	0.002895	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VH	NT	10.10	0.005316	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VL	NT	6.60	0.003548	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VN	NT	6.00	0.003226	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VH	NT	8.90	0.004785	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VL	NT	8.70	0.004628	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VN	NT	7.60	0.004043	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VH	NT	8.30	0.004415	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VL	NT	7.70	0.004053	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VN	NT	3.10	0.001632	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VH	NT	7.30	0.003842	±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	5.20	0.002796	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-20	9.10	0.004892	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-10	11.10	0.005968	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	0	11.80	0.006344	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	10	3.10	0.001667	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	20	5.50	0.002957	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	30	7.30	0.003925	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	40	6.20	0.003333	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	50	3.30	0.001774	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	11.80	0.006277	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	10.30	0.005479	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	10.90	0.005798	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	13.10	0.006968	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	7.90	0.004202	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	10.30	0.005479	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	5.80	0.003085	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	9.40	0.005000	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	5.00	0.002660	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-30	10.90	0.005737	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-20	10.40	0.005474	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-10	4.60	0.002421	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	0	11.70	0.006158	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	10	13.20	0.006947	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	20	15.60	0.008211	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	30	13.10	0.006895	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	40	7.70	0.004053	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	50	6.90	0.003632	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-30	4.60	0.002473	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-20	8.60	0.004624	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-10	6.60	0.003548	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	0	3.30	0.001774	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	10	4.10	0.002204	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	20	4.60	0.002473	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	30	3.00	0.001613	±2.5	PASS





Band2	20MHz	64QAM	18700	100RB#0	NV	40	8.50	0.004570	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	50	5.00	0.002688	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-30	15.00	0.007979	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-20	9.70	0.005160	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-10	9.00	0.004787	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	0	7.00	0.003723	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	10	5.80	0.003085	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	20	6.30	0.003351	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	30	11.00	0.005851	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	40	12.30	0.006543	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	50	6.50	0.003457	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-30	6.90	0.003632	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-20	5.50	0.002895	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-10	11.00	0.005789	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	0	7.90	0.004158	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	10	14.50	0.007632	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	20	7.80	0.004105	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	30	4.20	0.002211	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	40	14.30	0.007526	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	50	3.00	0.001579	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-30	5.00	0.002688	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-20	5.80	0.003118	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-10	7.10	0.003817	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	0	6.60	0.003548	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	10	6.10	0.003280	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	20	2.80	0.001505	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	30	5.50	0.002957	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	40	9.70	0.005215	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	50	5.70	0.003065	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-30	4.50	0.002394	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-20	9.80	0.005213	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-10	7.30	0.003883	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	0	8.70	0.004628	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	10	5.80	0.003085	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	20	5.80	0.003085	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	30	5.20	0.002766	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	40	4.90	0.002606	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	50	8.50	0.004521	±2.5	PASS



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Band2	20MHz	16QAM	19100	100RB#0	NV	-30	6.90	0.003632	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-20	5.80	0.003053	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-10	2.40	0.001263	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	0	8.40	0.004421	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	10	5.90	0.003105	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	20	0.10	0.000053	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	30	9.00	0.004737	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	40	3.30	0.001737	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	50	5.40	0.002842	±2.5	PASS



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