



Appendix B

E-UTRA Band 2



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	22.87	20.67	33	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	23.05	20.85	33	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	23.11	20.91	33	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	23.24	21.04	33	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	23.05	20.85	33	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	23.10	20.90	33	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.13	19.93	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	22.97	20.77	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	23.06	20.86	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	23.21	21.01	33	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	23.03	20.83	33	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	23.00	20.80	33	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	23.05	20.85	33	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.04	19.84	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	22.89	20.69	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	22.87	20.67	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	22.88	20.68	33	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	23.02	20.82	33	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	22.88	20.68	33	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	22.94	20.74	33	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	21.88	19.68	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	21.22	19.02	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#2	21.18	18.98	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#5	21.62	19.42	33	PASS
Band2	1.4MHz	64QAM	18607	3RB#0	21.61	19.41	33	PASS
Band2	1.4MHz	64QAM	18607	3RB#1	20.94	18.74	33	PASS
Band2	1.4MHz	64QAM	18607	3RB#3	21.25	19.05	33	PASS



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Band2	1.4MHz	64QAM	18607	6RB#0	19.99	17.79	33	PASS
Band2	1.4MHz	64QAM	18900	1RB#0	21.02	18.82	33	PASS
Band2	1.4MHz	64QAM	18900	1RB#2	21.10	18.90	33	PASS
Band2	1.4MHz	64QAM	18900	1RB#5	21.27	19.07	33	PASS
Band2	1.4MHz	64QAM	18900	3RB#0	21.21	19.01	33	PASS
Band2	1.4MHz	64QAM	18900	3RB#1	21.09	18.89	33	PASS
Band2	1.4MHz	64QAM	18900	3RB#3	20.83	18.63	33	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	19.85	17.65	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	20.90	18.70	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#2	20.89	18.69	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	21.36	19.16	33	PASS
Band2	1.4MHz	64QAM	19193	3RB#0	21.39	19.19	33	PASS
Band2	1.4MHz	64QAM	19193	3RB#1	20.95	18.75	33	PASS
Band2	1.4MHz	64QAM	19193	3RB#3	21.15	18.95	33	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	19.82	17.62	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	22.40	20.20	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.37	20.17	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.34	20.14	33	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	22.17	19.97	33	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	22.19	19.99	33	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	22.37	20.17	33	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.16	18.96	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	22.58	20.38	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.48	20.28	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.19	19.99	33	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	22.06	19.86	33	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	22.14	19.94	33	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	22.12	19.92	33	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	21.06	18.86	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	22.40	20.20	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	22.33	20.13	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	22.23	20.03	33	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	21.94	19.74	33	PASS



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Band2	1.4MHz	16QAM	19193	3RB#1	22.22	20.02	33	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	22.14	19.94	33	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	20.93	18.73	33	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.12	20.92	33	PASS
Band2	3MHz	QPSK	18615	1RB#8	22.90	20.70	33	PASS
Band2	3MHz	QPSK	18615	1RB#14	22.94	20.74	33	PASS
Band2	3MHz	QPSK	18615	8RB#0	22.09	19.89	33	PASS
Band2	3MHz	QPSK	18615	8RB#4	22.17	19.97	33	PASS
Band2	3MHz	QPSK	18615	8RB#7	22.14	19.94	33	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.09	19.89	33	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.08	20.88	33	PASS
Band2	3MHz	QPSK	18900	1RB#8	22.76	20.56	33	PASS
Band2	3MHz	QPSK	18900	1RB#14	23.02	20.82	33	PASS
Band2	3MHz	QPSK	18900	8RB#0	22.05	19.85	33	PASS
Band2	3MHz	QPSK	18900	8RB#4	22.01	19.81	33	PASS
Band2	3MHz	QPSK	18900	8RB#7	22.02	19.82	33	PASS
Band2	3MHz	QPSK	18900	15RB#0	22.07	19.87	33	PASS
Band2	3MHz	QPSK	19185	1RB#0	23.09	20.89	33	PASS
Band2	3MHz	QPSK	19185	1RB#8	22.45	20.25	33	PASS
Band2	3MHz	QPSK	19185	1RB#14	22.82	20.62	33	PASS
Band2	3MHz	QPSK	19185	8RB#0	21.83	19.63	33	PASS
Band2	3MHz	QPSK	19185	8RB#4	21.89	19.69	33	PASS
Band2	3MHz	QPSK	19185	8RB#7	21.91	19.71	33	PASS
Band2	3MHz	QPSK	19185	15RB#0	21.93	19.73	33	PASS
Band2	3MHz	64QAM	18615	1RB#0	20.94	18.74	33	PASS
Band2	3MHz	64QAM	18615	1RB#8	21.25	19.05	33	PASS
Band2	3MHz	64QAM	18615	1RB#14	20.75	18.55	33	PASS
Band2	3MHz	64QAM	18615	8RB#0	20.17	17.97	33	PASS
Band2	3MHz	64QAM	18615	8RB#4	20.08	17.88	33	PASS
Band2	3MHz	64QAM	18615	8RB#7	19.86	17.66	33	PASS
Band2	3MHz	64QAM	18615	15RB#0	20.00	17.80	33	PASS
Band2	3MHz	64QAM	18900	1RB#0	21.09	18.89	33	PASS
Band2	3MHz	64QAM	18900	1RB#8	20.83	18.63	33	PASS



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Band2	3MHz	64QAM	18900	1RB#14	20.60	18.40	33	PASS
Band2	3MHz	64QAM	18900	8RB#0	19.99	17.79	33	PASS
Band2	3MHz	64QAM	18900	8RB#4	19.95	17.75	33	PASS
Band2	3MHz	64QAM	18900	8RB#7	19.81	17.61	33	PASS
Band2	3MHz	64QAM	18900	15RB#0	19.85	17.65	33	PASS
Band2	3MHz	64QAM	19185	1RB#0	20.95	18.75	33	PASS
Band2	3MHz	64QAM	19185	1RB#8	21.15	18.95	33	PASS
Band2	3MHz	64QAM	19185	1RB#14	20.56	18.36	33	PASS
Band2	3MHz	64QAM	19185	8RB#0	19.81	17.61	33	PASS
Band2	3MHz	64QAM	19185	8RB#4	19.79	17.59	33	PASS
Band2	3MHz	64QAM	19185	8RB#7	19.57	17.37	33	PASS
Band2	3MHz	64QAM	19185	15RB#0	19.72	17.52	33	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.34	20.14	33	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.52	20.32	33	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.48	20.28	33	PASS
Band2	3MHz	16QAM	18615	8RB#0	21.29	19.09	33	PASS
Band2	3MHz	16QAM	18615	8RB#4	21.14	18.94	33	PASS
Band2	3MHz	16QAM	18615	8RB#7	21.02	18.82	33	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.19	18.99	33	PASS
Band2	3MHz	16QAM	18900	1RB#0	22.26	20.06	33	PASS
Band2	3MHz	16QAM	18900	1RB#8	22.32	20.12	33	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.40	20.20	33	PASS
Band2	3MHz	16QAM	18900	8RB#0	21.19	18.99	33	PASS
Band2	3MHz	16QAM	18900	8RB#4	21.02	18.82	33	PASS
Band2	3MHz	16QAM	18900	8RB#7	21.15	18.95	33	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.05	18.85	33	PASS
Band2	3MHz	16QAM	19185	1RB#0	22.12	19.92	33	PASS
Band2	3MHz	16QAM	19185	1RB#8	22.20	20.00	33	PASS
Band2	3MHz	16QAM	19185	1RB#14	22.19	19.99	33	PASS
Band2	3MHz	16QAM	19185	8RB#0	21.01	18.81	33	PASS
Band2	3MHz	16QAM	19185	8RB#4	20.79	18.59	33	PASS
Band2	3MHz	16QAM	19185	8RB#7	20.95	18.75	33	PASS
Band2	3MHz	16QAM	19185	15RB#0	21.02	18.82	33	PASS



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Band2	5MHz	QPSK	18625	1RB#0	23.05	20.85	33	PASS
Band2	5MHz	QPSK	18625	1RB#12	23.10	20.90	33	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.14	20.94	33	PASS
Band2	5MHz	QPSK	18625	12RB#0	22.15	19.95	33	PASS
Band2	5MHz	QPSK	18625	12RB#6	22.13	19.93	33	PASS
Band2	5MHz	QPSK	18625	12RB#13	22.18	19.98	33	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.23	20.03	33	PASS
Band2	5MHz	QPSK	18900	1RB#0	22.96	20.76	33	PASS
Band2	5MHz	QPSK	18900	1RB#12	23.04	20.84	33	PASS
Band2	5MHz	QPSK	18900	1RB#24	22.96	20.76	33	PASS
Band2	5MHz	QPSK	18900	12RB#0	22.07	19.87	33	PASS
Band2	5MHz	QPSK	18900	12RB#6	22.03	19.83	33	PASS
Band2	5MHz	QPSK	18900	12RB#13	22.04	19.84	33	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.03	19.83	33	PASS
Band2	5MHz	QPSK	19175	1RB#0	22.91	20.71	33	PASS
Band2	5MHz	QPSK	19175	1RB#12	22.76	20.56	33	PASS
Band2	5MHz	QPSK	19175	1RB#24	22.90	20.70	33	PASS
Band2	5MHz	QPSK	19175	12RB#0	21.93	19.73	33	PASS
Band2	5MHz	QPSK	19175	12RB#6	21.96	19.76	33	PASS
Band2	5MHz	QPSK	19175	12RB#13	21.95	19.75	33	PASS
Band2	5MHz	QPSK	19175	25RB#0	21.94	19.74	33	PASS
Band2	5MHz	64QAM	18625	1RB#0	21.04	18.84	33	PASS
Band2	5MHz	64QAM	18625	1RB#12	21.22	19.02	33	PASS
Band2	5MHz	64QAM	18625	1RB#24	21.18	18.98	33	PASS
Band2	5MHz	64QAM	18625	12RB#0	20.09	17.89	33	PASS
Band2	5MHz	64QAM	18625	12RB#6	19.94	17.74	33	PASS
Band2	5MHz	64QAM	18625	12RB#13	19.82	17.62	33	PASS
Band2	5MHz	64QAM	18625	25RB#0	19.99	17.79	33	PASS
Band2	5MHz	64QAM	18900	1RB#0	20.96	18.76	33	PASS
Band2	5MHz	64QAM	18900	1RB#12	21.02	18.82	33	PASS
Band2	5MHz	64QAM	18900	1RB#24	21.10	18.90	33	PASS
Band2	5MHz	64QAM	18900	12RB#0	19.99	17.79	33	PASS
Band2	5MHz	64QAM	18900	12RB#6	19.82	17.62	33	PASS



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Band2	5MHz	64QAM	18900	12RB#13	19.95	17.75	33	PASS
Band2	5MHz	64QAM	18900	25RB#0	19.85	17.65	33	PASS
Band2	5MHz	64QAM	19175	1RB#0	20.82	18.62	33	PASS
Band2	5MHz	64QAM	19175	1RB#12	20.90	18.70	33	PASS
Band2	5MHz	64QAM	19175	1RB#24	20.89	18.69	33	PASS
Band2	5MHz	64QAM	19175	12RB#0	19.81	17.61	33	PASS
Band2	5MHz	64QAM	19175	12RB#6	19.59	17.39	33	PASS
Band2	5MHz	64QAM	19175	12RB#13	19.75	17.55	33	PASS
Band2	5MHz	64QAM	19175	25RB#0	19.82	17.62	33	PASS
Band2	5MHz	16QAM	18625	1RB#0	22.68	20.48	33	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.92	20.72	33	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.91	20.71	33	PASS
Band2	5MHz	16QAM	18625	12RB#0	21.16	18.96	33	PASS
Band2	5MHz	16QAM	18625	12RB#6	21.14	18.94	33	PASS
Band2	5MHz	16QAM	18625	12RB#13	21.09	18.89	33	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.23	19.03	33	PASS
Band2	5MHz	16QAM	18900	1RB#0	22.60	20.40	33	PASS
Band2	5MHz	16QAM	18900	1RB#12	22.57	20.37	33	PASS
Band2	5MHz	16QAM	18900	1RB#24	22.51	20.31	33	PASS
Band2	5MHz	16QAM	18900	12RB#0	20.99	18.79	33	PASS
Band2	5MHz	16QAM	18900	12RB#6	20.98	18.78	33	PASS
Band2	5MHz	16QAM	18900	12RB#13	20.98	18.78	33	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.15	18.95	33	PASS
Band2	5MHz	16QAM	19175	1RB#0	22.41	20.21	33	PASS
Band2	5MHz	16QAM	19175	1RB#12	22.66	20.46	33	PASS
Band2	5MHz	16QAM	19175	1RB#24	22.69	20.49	33	PASS
Band2	5MHz	16QAM	19175	12RB#0	20.97	18.77	33	PASS
Band2	5MHz	16QAM	19175	12RB#6	20.90	18.70	33	PASS
Band2	5MHz	16QAM	19175	12RB#13	20.91	18.71	33	PASS
Band2	5MHz	16QAM	19175	25RB#0	20.84	18.64	33	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.03	20.83	33	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.17	20.97	33	PASS
Band2	10MHz	QPSK	18650	1RB#49	23.18	20.98	33	PASS



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Band2	10MHz	QPSK	18650	25RB#0	22.15	19.95	33	PASS
Band2	10MHz	QPSK	18650	25RB#12	22.15	19.95	33	PASS
Band2	10MHz	QPSK	18650	25RB#25	22.25	20.05	33	PASS
Band2	10MHz	QPSK	18650	50RB#0	22.21	20.01	33	PASS
Band2	10MHz	QPSK	18900	1RB#0	23.01	20.81	33	PASS
Band2	10MHz	QPSK	18900	1RB#24	23.15	20.95	33	PASS
Band2	10MHz	QPSK	18900	1RB#49	23.10	20.90	33	PASS
Band2	10MHz	QPSK	18900	25RB#0	22.10	19.90	33	PASS
Band2	10MHz	QPSK	18900	25RB#12	22.10	19.90	33	PASS
Band2	10MHz	QPSK	18900	25RB#25	22.06	19.86	33	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.07	19.87	33	PASS
Band2	10MHz	QPSK	19150	1RB#0	23.06	20.86	33	PASS
Band2	10MHz	QPSK	19150	1RB#24	22.85	20.65	33	PASS
Band2	10MHz	QPSK	19150	1RB#49	23.02	20.82	33	PASS
Band2	10MHz	QPSK	19150	25RB#0	21.88	19.68	33	PASS
Band2	10MHz	QPSK	19150	25RB#12	21.87	19.67	33	PASS
Band2	10MHz	QPSK	19150	25RB#25	21.96	19.76	33	PASS
Band2	10MHz	QPSK	19150	50RB#0	21.82	19.62	33	PASS
Band2	10MHz	64QAM	18650	1RB#0	21.38	19.18	33	PASS
Band2	10MHz	64QAM	18650	1RB#24	21.62	19.42	33	PASS
Band2	10MHz	64QAM	18650	1RB#49	21.61	19.41	33	PASS
Band2	10MHz	64QAM	18650	25RB#0	19.96	17.76	33	PASS
Band2	10MHz	64QAM	18650	25RB#12	19.94	17.74	33	PASS
Band2	10MHz	64QAM	18650	25RB#25	19.89	17.69	33	PASS
Band2	10MHz	64QAM	18650	50RB#0	20.03	17.83	33	PASS
Band2	10MHz	64QAM	18900	1RB#0	21.30	19.10	33	PASS
Band2	10MHz	64QAM	18900	1RB#24	21.27	19.07	33	PASS
Band2	10MHz	64QAM	18900	1RB#49	21.21	19.01	33	PASS
Band2	10MHz	64QAM	18900	25RB#0	19.79	17.59	33	PASS
Band2	10MHz	64QAM	18900	25RB#12	19.78	17.58	33	PASS
Band2	10MHz	64QAM	18900	25RB#25	19.78	17.58	33	PASS
Band2	10MHz	64QAM	18900	50RB#0	19.95	17.75	33	PASS
Band2	10MHz	64QAM	19150	1RB#0	21.11	18.91	33	PASS



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Band2	10MHz	64QAM	19150	1RB#24	21.36	19.16	33	PASS
Band2	10MHz	64QAM	19150	1RB#49	21.39	19.19	33	PASS
Band2	10MHz	64QAM	19150	25RB#0	19.77	17.57	33	PASS
Band2	10MHz	64QAM	19150	25RB#12	19.70	17.50	33	PASS
Band2	10MHz	64QAM	19150	25RB#25	19.71	17.51	33	PASS
Band2	10MHz	64QAM	19150	50RB#0	19.64	17.44	33	PASS
Band2	10MHz	16QAM	18650	1RB#0	22.21	20.01	33	PASS
Band2	10MHz	16QAM	18650	1RB#24	22.83	20.63	33	PASS
Band2	10MHz	16QAM	18650	1RB#49	22.81	20.61	33	PASS
Band2	10MHz	16QAM	18650	25RB#0	21.29	19.09	33	PASS
Band2	10MHz	16QAM	18650	25RB#12	21.19	18.99	33	PASS
Band2	10MHz	16QAM	18650	25RB#25	21.29	19.09	33	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.16	18.96	33	PASS
Band2	10MHz	16QAM	18900	1RB#0	22.39	20.19	33	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.56	20.36	33	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.63	20.43	33	PASS
Band2	10MHz	16QAM	18900	25RB#0	21.07	18.87	33	PASS
Band2	10MHz	16QAM	18900	25RB#12	20.98	18.78	33	PASS
Band2	10MHz	16QAM	18900	25RB#25	21.08	18.88	33	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.16	18.96	33	PASS
Band2	10MHz	16QAM	19150	1RB#0	22.69	20.49	33	PASS
Band2	10MHz	16QAM	19150	1RB#24	22.30	20.10	33	PASS
Band2	10MHz	16QAM	19150	1RB#49	22.42	20.22	33	PASS
Band2	10MHz	16QAM	19150	25RB#0	21.06	18.86	33	PASS
Band2	10MHz	16QAM	19150	25RB#12	20.96	18.76	33	PASS
Band2	10MHz	16QAM	19150	25RB#25	21.06	18.86	33	PASS
Band2	10MHz	16QAM	19150	50RB#0	20.92	18.72	33	PASS
Band2	15MHz	QPSK	18675	1RB#0	22.94	20.74	33	PASS
Band2	15MHz	QPSK	18675	1RB#38	23.12	20.92	33	PASS
Band2	15MHz	QPSK	18675	1RB#74	23.39	21.19	33	PASS
Band2	15MHz	QPSK	18675	36RB#0	22.22	20.02	33	PASS
Band2	15MHz	QPSK	18675	36RB#18	22.21	20.01	33	PASS
Band2	15MHz	QPSK	18675	36RB#39	22.03	19.83	33	PASS



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Band2	15MHz	QPSK	18675	75RB#0	22.11	19.91	33	PASS
Band2	15MHz	QPSK	18900	1RB#0	22.87	20.67	33	PASS
Band2	15MHz	QPSK	18900	1RB#38	22.80	20.60	33	PASS
Band2	15MHz	QPSK	18900	1RB#74	23.14	20.94	33	PASS
Band2	15MHz	QPSK	18900	36RB#0	22.15	19.95	33	PASS
Band2	15MHz	QPSK	18900	36RB#18	22.08	19.88	33	PASS
Band2	15MHz	QPSK	18900	36RB#39	22.11	19.91	33	PASS
Band2	15MHz	QPSK	18900	75RB#0	22.09	19.89	33	PASS
Band2	15MHz	QPSK	19125	1RB#0	22.98	20.78	33	PASS
Band2	15MHz	QPSK	19125	1RB#38	22.77	20.57	33	PASS
Band2	15MHz	QPSK	19125	1RB#74	22.98	20.78	33	PASS
Band2	15MHz	QPSK	19125	36RB#0	21.87	19.67	33	PASS
Band2	15MHz	QPSK	19125	36RB#18	21.81	19.61	33	PASS
Band2	15MHz	QPSK	19125	36RB#39	21.77	19.57	33	PASS
Band2	15MHz	QPSK	19125	75RB#0	21.77	19.57	33	PASS
Band2	15MHz	64QAM	18675	1RB#0	20.96	18.76	33	PASS
Band2	15MHz	64QAM	18675	1RB#38	21.10	18.90	33	PASS
Band2	15MHz	64QAM	18675	1RB#74	20.92	18.72	33	PASS
Band2	15MHz	64QAM	18675	36RB#0	19.96	17.76	33	PASS
Band2	15MHz	64QAM	18675	36RB#18	19.72	17.52	33	PASS
Band2	15MHz	64QAM	18675	36RB#39	19.76	17.56	33	PASS
Band2	15MHz	64QAM	18675	75RB#0	19.79	17.59	33	PASS
Band2	15MHz	64QAM	18900	1RB#0	21.09	18.89	33	PASS
Band2	15MHz	64QAM	18900	1RB#38	21.07	18.87	33	PASS
Band2	15MHz	64QAM	18900	1RB#74	20.90	18.70	33	PASS
Band2	15MHz	64QAM	18900	36RB#0	19.79	17.59	33	PASS
Band2	15MHz	64QAM	18900	36RB#18	19.70	17.50	33	PASS
Band2	15MHz	64QAM	18900	36RB#39	19.89	17.69	33	PASS
Band2	15MHz	64QAM	18900	75RB#0	19.79	17.59	33	PASS
Band2	15MHz	64QAM	19125	1RB#0	21.04	18.84	33	PASS
Band2	15MHz	64QAM	19125	1RB#38	20.99	18.79	33	PASS
Band2	15MHz	64QAM	19125	1RB#74	20.81	18.61	33	PASS
Band2	15MHz	64QAM	19125	36RB#0	19.77	17.57	33	PASS



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Band2	15MHz	64QAM	19125	36RB#18	19.61	17.41	33	PASS
Band2	15MHz	64QAM	19125	36RB#39	19.84	17.64	33	PASS
Band2	15MHz	64QAM	19125	75RB#0	19.78	17.58	33	PASS
Band2	15MHz	16QAM	18675	1RB#0	22.82	20.62	33	PASS
Band2	15MHz	16QAM	18675	1RB#38	22.50	20.30	33	PASS
Band2	15MHz	16QAM	18675	1RB#74	22.66	20.46	33	PASS
Band2	15MHz	16QAM	18675	36RB#0	21.15	18.95	33	PASS
Band2	15MHz	16QAM	18675	36RB#18	21.25	19.05	33	PASS
Band2	15MHz	16QAM	18675	36RB#39	21.18	18.98	33	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.09	18.89	33	PASS
Band2	15MHz	16QAM	18900	1RB#0	22.41	20.21	33	PASS
Band2	15MHz	16QAM	18900	1RB#38	22.17	19.97	33	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.22	20.02	33	PASS
Band2	15MHz	16QAM	18900	36RB#0	21.09	18.89	33	PASS
Band2	15MHz	16QAM	18900	36RB#18	21.04	18.84	33	PASS
Band2	15MHz	16QAM	18900	36RB#39	20.87	18.67	33	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.10	18.90	33	PASS
Band2	15MHz	16QAM	19125	1RB#0	22.40	20.20	33	PASS
Band2	15MHz	16QAM	19125	1RB#38	21.87	19.67	33	PASS
Band2	15MHz	16QAM	19125	1RB#74	22.47	20.27	33	PASS
Band2	15MHz	16QAM	19125	36RB#0	20.88	18.68	33	PASS
Band2	15MHz	16QAM	19125	36RB#18	20.82	18.62	33	PASS
Band2	15MHz	16QAM	19125	36RB#39	20.72	18.52	33	PASS
Band2	15MHz	16QAM	19125	75RB#0	20.83	18.63	33	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.02	20.82	33	PASS
Band2	20MHz	QPSK	18700	1RB#49	22.76	20.56	33	PASS
Band2	20MHz	QPSK	18700	1RB#99	23.07	20.87	33	PASS
Band2	20MHz	QPSK	18700	50RB#0	21.97	19.77	33	PASS
Band2	20MHz	QPSK	18700	50RB#25	22.17	19.97	33	PASS
Band2	20MHz	QPSK	18700	50RB#50	22.39	20.19	33	PASS
Band2	20MHz	QPSK	18700	100RB#0	22.21	20.01	33	PASS
Band2	20MHz	QPSK	18900	1RB#0	22.86	20.66	33	PASS
Band2	20MHz	QPSK	18900	1RB#49	22.83	20.63	33	PASS



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Band2	20MHz	QPSK	18900	1RB#99	22.87	20.67	33	PASS
Band2	20MHz	QPSK	18900	50RB#0	22.21	20.01	33	PASS
Band2	20MHz	QPSK	18900	50RB#25	22.15	19.95	33	PASS
Band2	20MHz	QPSK	18900	50RB#50	22.00	19.80	33	PASS
Band2	20MHz	QPSK	18900	100RB#0	22.06	19.86	33	PASS
Band2	20MHz	QPSK	19100	1RB#0	22.68	20.48	33	PASS
Band2	20MHz	QPSK	19100	1RB#49	22.56	20.36	33	PASS
Band2	20MHz	QPSK	19100	1RB#99	22.77	20.57	33	PASS
Band2	20MHz	QPSK	19100	50RB#0	21.95	19.75	33	PASS
Band2	20MHz	QPSK	19100	50RB#25	21.93	19.73	33	PASS
Band2	20MHz	QPSK	19100	50RB#50	21.70	19.50	33	PASS
Band2	20MHz	QPSK	19100	100RB#0	21.94	19.74	33	PASS
Band2	20MHz	64QAM	18700	1RB#0	20.91	18.71	33	PASS
Band2	20MHz	64QAM	18700	1RB#49	21.53	19.33	33	PASS
Band2	20MHz	64QAM	18700	1RB#99	21.51	19.31	33	PASS
Band2	20MHz	64QAM	18700	50RB#0	20.09	17.89	33	PASS
Band2	20MHz	64QAM	18700	50RB#25	19.99	17.79	33	PASS
Band2	20MHz	64QAM	18700	50RB#50	20.09	17.89	33	PASS
Band2	20MHz	64QAM	18700	100RB#0	19.96	17.76	33	PASS
Band2	20MHz	64QAM	18900	1RB#0	21.09	18.89	33	PASS
Band2	20MHz	64QAM	18900	1RB#49	21.26	19.06	33	PASS
Band2	20MHz	64QAM	18900	1RB#99	21.33	19.13	33	PASS
Band2	20MHz	64QAM	18900	50RB#0	19.87	17.67	33	PASS
Band2	20MHz	64QAM	18900	50RB#25	19.78	17.58	33	PASS
Band2	20MHz	64QAM	18900	50RB#50	19.88	17.68	33	PASS
Band2	20MHz	64QAM	18900	100RB#0	19.96	17.76	33	PASS
Band2	20MHz	64QAM	19100	1RB#0	21.39	19.19	33	PASS
Band2	20MHz	64QAM	19100	1RB#49	21.00	18.80	33	PASS
Band2	20MHz	64QAM	19100	1RB#99	21.12	18.92	33	PASS
Band2	20MHz	64QAM	19100	50RB#0	19.86	17.66	33	PASS
Band2	20MHz	64QAM	19100	50RB#25	19.76	17.56	33	PASS
Band2	20MHz	64QAM	19100	50RB#50	19.86	17.66	33	PASS
Band2	20MHz	64QAM	19100	100RB#0	19.72	17.52	33	PASS



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Band2	20MHz	16QAM	18700	1RB#0	22.24	20.04	33	PASS
Band2	20MHz	16QAM	18700	1RB#49	22.55	20.35	33	PASS
Band2	20MHz	16QAM	18700	1RB#99	22.05	19.85	33	PASS
Band2	20MHz	16QAM	18700	50RB#0	21.37	19.17	33	PASS
Band2	20MHz	16QAM	18700	50RB#25	21.28	19.08	33	PASS
Band2	20MHz	16QAM	18700	50RB#50	21.06	18.86	33	PASS
Band2	20MHz	16QAM	18700	100RB#0	21.20	19.00	33	PASS
Band2	20MHz	16QAM	18900	1RB#0	22.39	20.19	33	PASS
Band2	20MHz	16QAM	18900	1RB#49	22.13	19.93	33	PASS
Band2	20MHz	16QAM	18900	1RB#99	21.90	19.70	33	PASS
Band2	20MHz	16QAM	18900	50RB#0	21.19	18.99	33	PASS
Band2	20MHz	16QAM	18900	50RB#25	21.15	18.95	33	PASS
Band2	20MHz	16QAM	18900	50RB#50	21.01	18.81	33	PASS
Band2	20MHz	16QAM	18900	100RB#0	21.05	18.85	33	PASS
Band2	20MHz	16QAM	19100	1RB#0	22.25	20.05	33	PASS
Band2	20MHz	16QAM	19100	1RB#49	22.45	20.25	33	PASS
Band2	20MHz	16QAM	19100	1RB#99	21.86	19.66	33	PASS
Band2	20MHz	16QAM	19100	50RB#0	21.01	18.81	33	PASS
Band2	20MHz	16QAM	19100	50RB#25	20.99	18.79	33	PASS
Band2	20MHz	16QAM	19100	50RB#50	20.77	18.57	33	PASS
Band2	20MHz	16QAM	19100	100RB#0	20.92	18.72	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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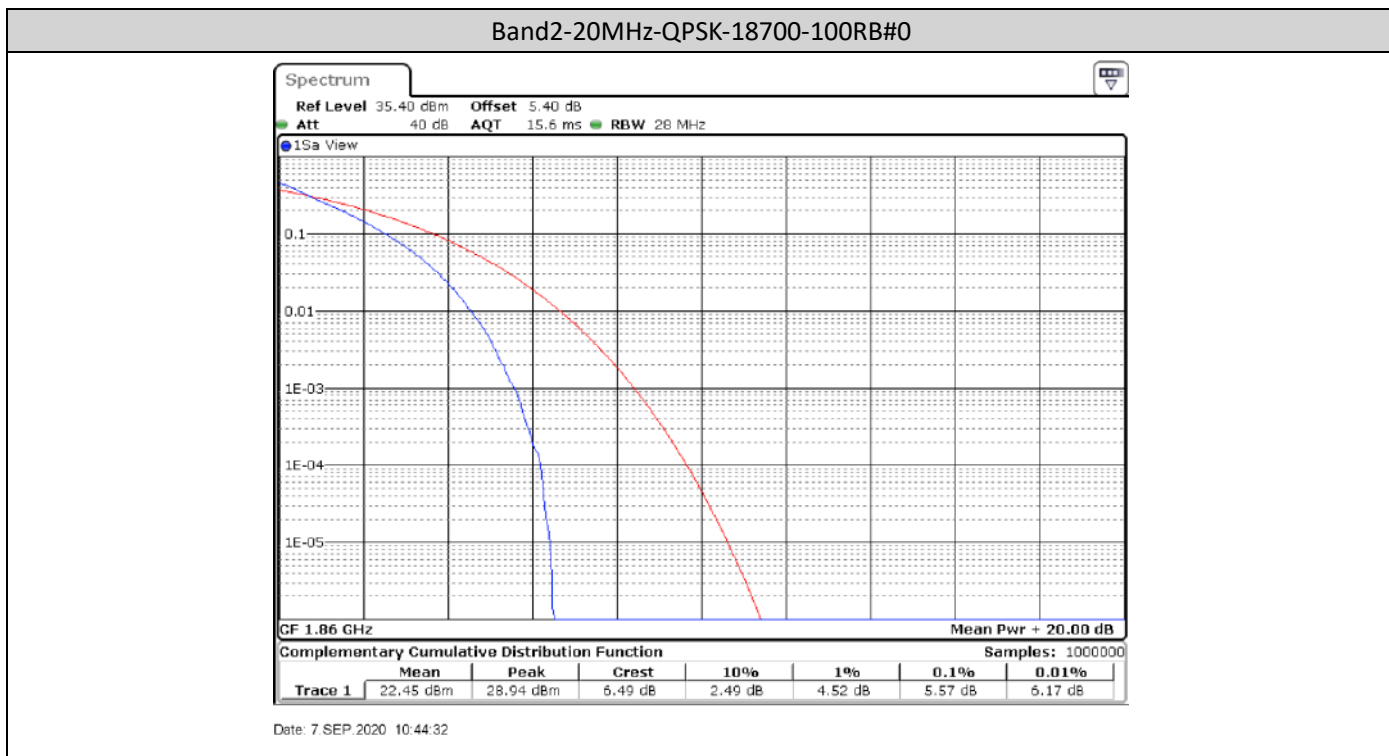


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	5.57	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.25	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.33	13	PASS
Band2	20MHz	64QAM	18700	100RB#0	6.75	13	PASS
Band2	20MHz	64QAM	18900	100RB#0	6.55	13	PASS
Band2	20MHz	64QAM	19100	100RB#0	6.64	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.35	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.12	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.23	13	PASS

2.2. Test Plots

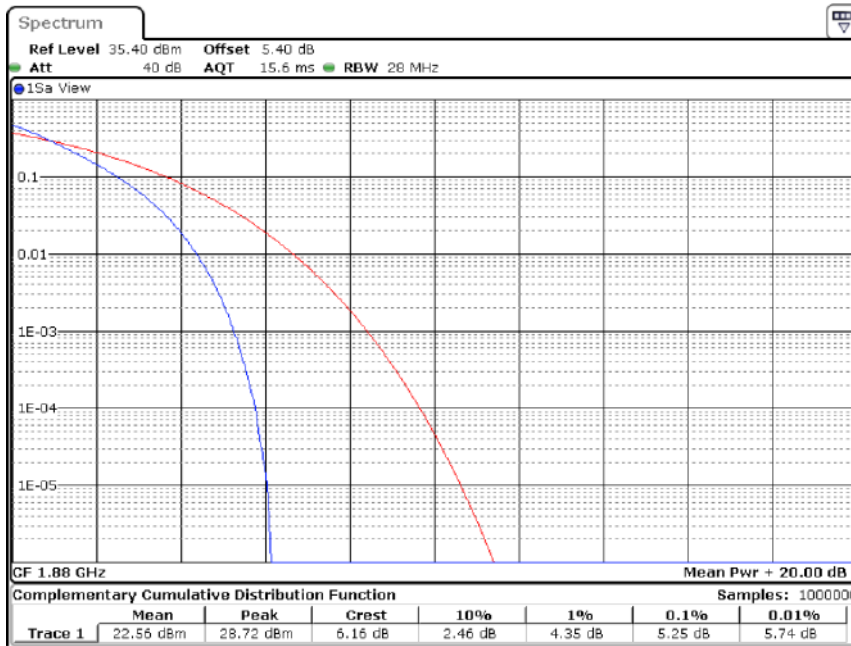


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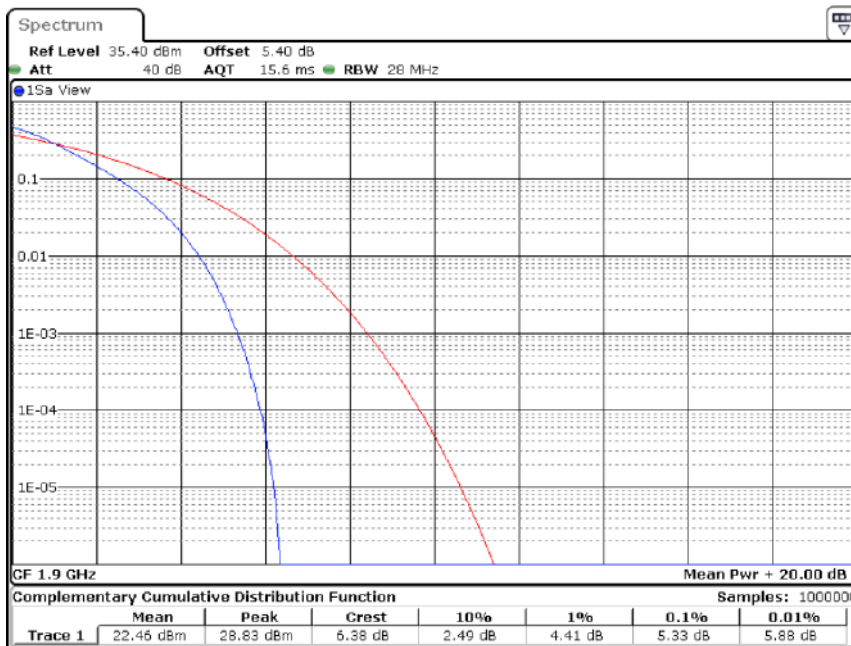
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch, 2222 Shenzhen Laboratory, No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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



Date: 7 SEP 2020 10:44:55

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

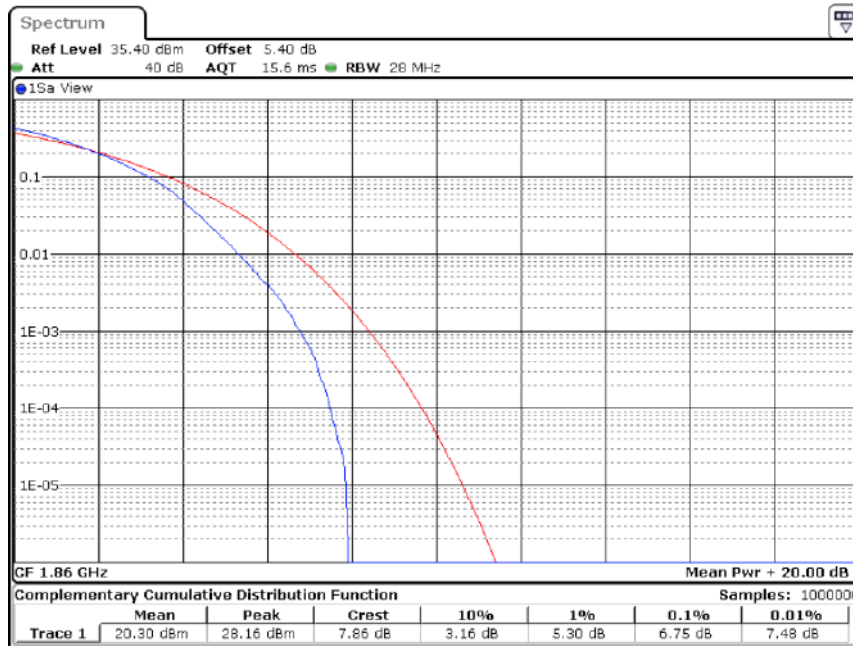


Date: 7 SEP 2020 10:45:18



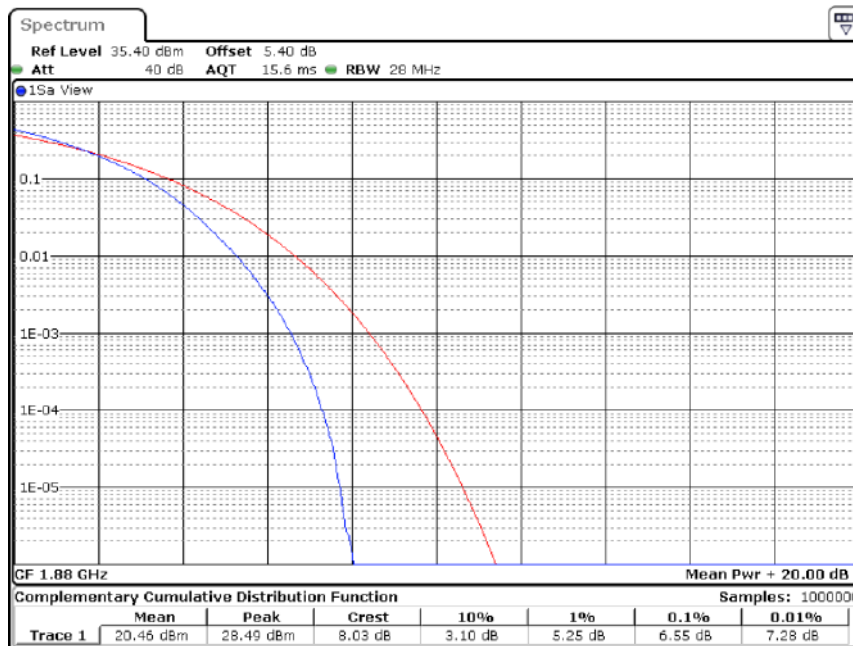
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Band2-20MHz-64QAM-18700-100RB#0



Date: 7 SEP 2020 12:28:45

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

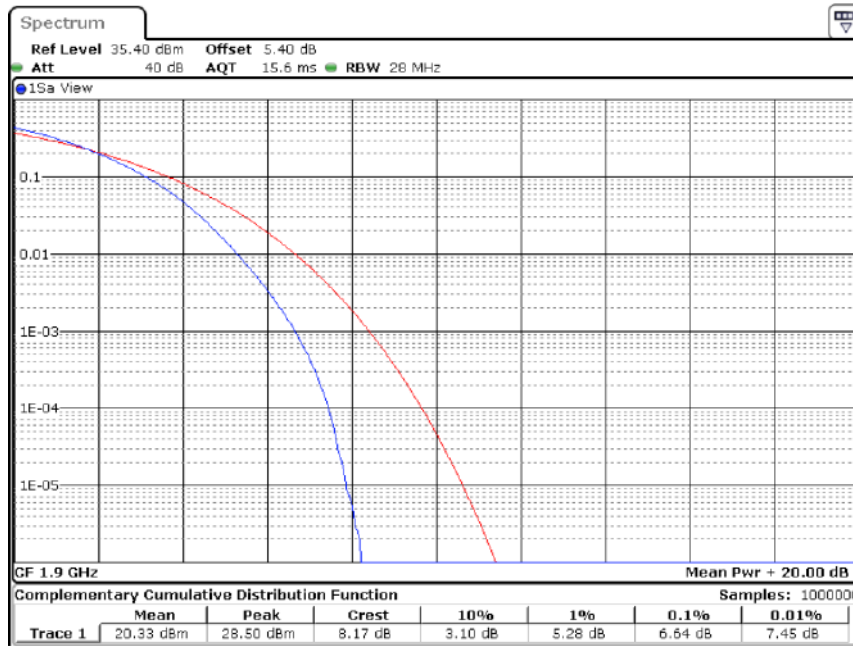


Date: 7 SEP 2020 12:28:56



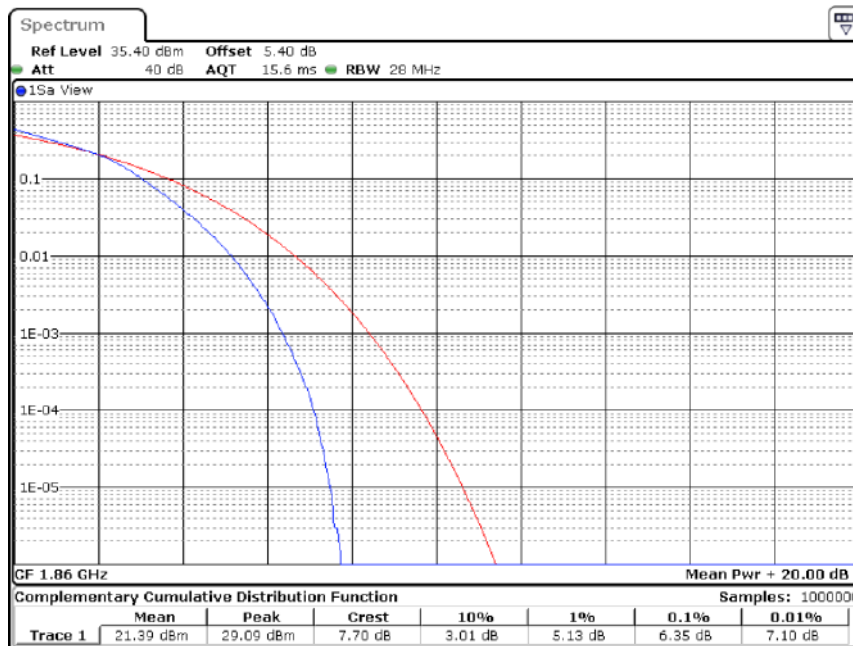
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Band2-20MHz-64QAM-19100-100RB#0



Date: 7 SEP 2020 12:29:08

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

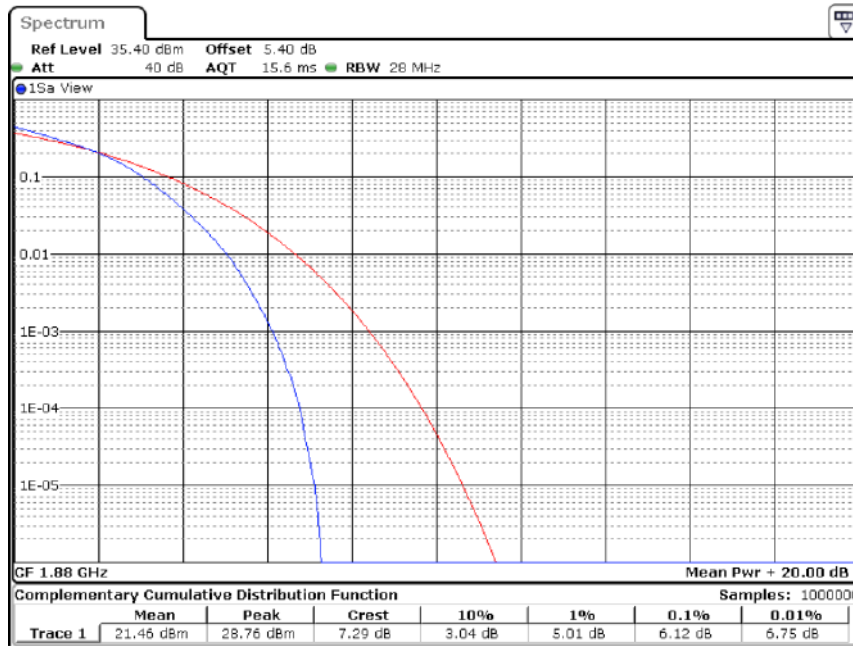


Date: 7 SEP 2020 10:44:44



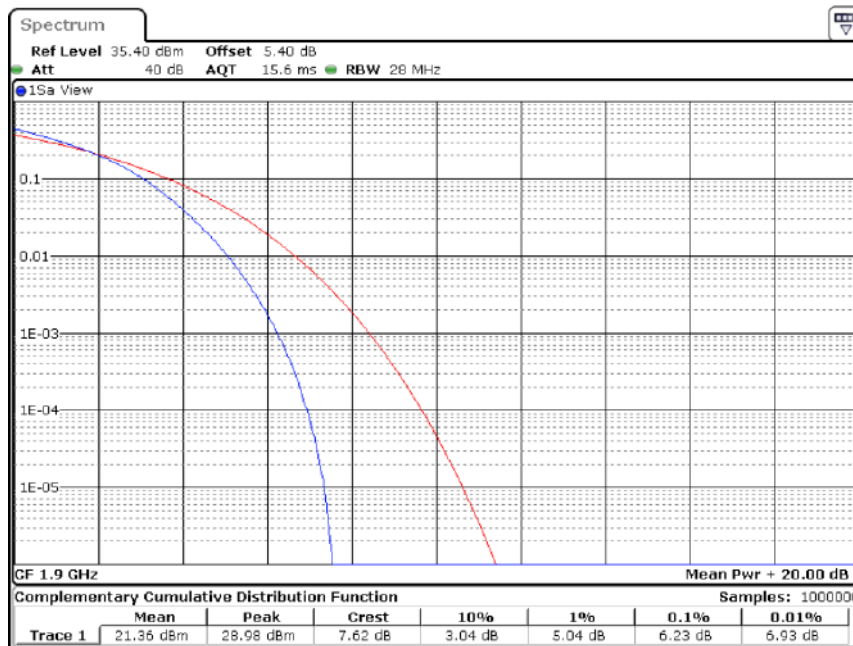
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Band2-20MHz-16QAM-18900-100RB#0



Date: 7 SEP 2020 10:45:06

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



Date: 7 SEP 2020 10:45:30

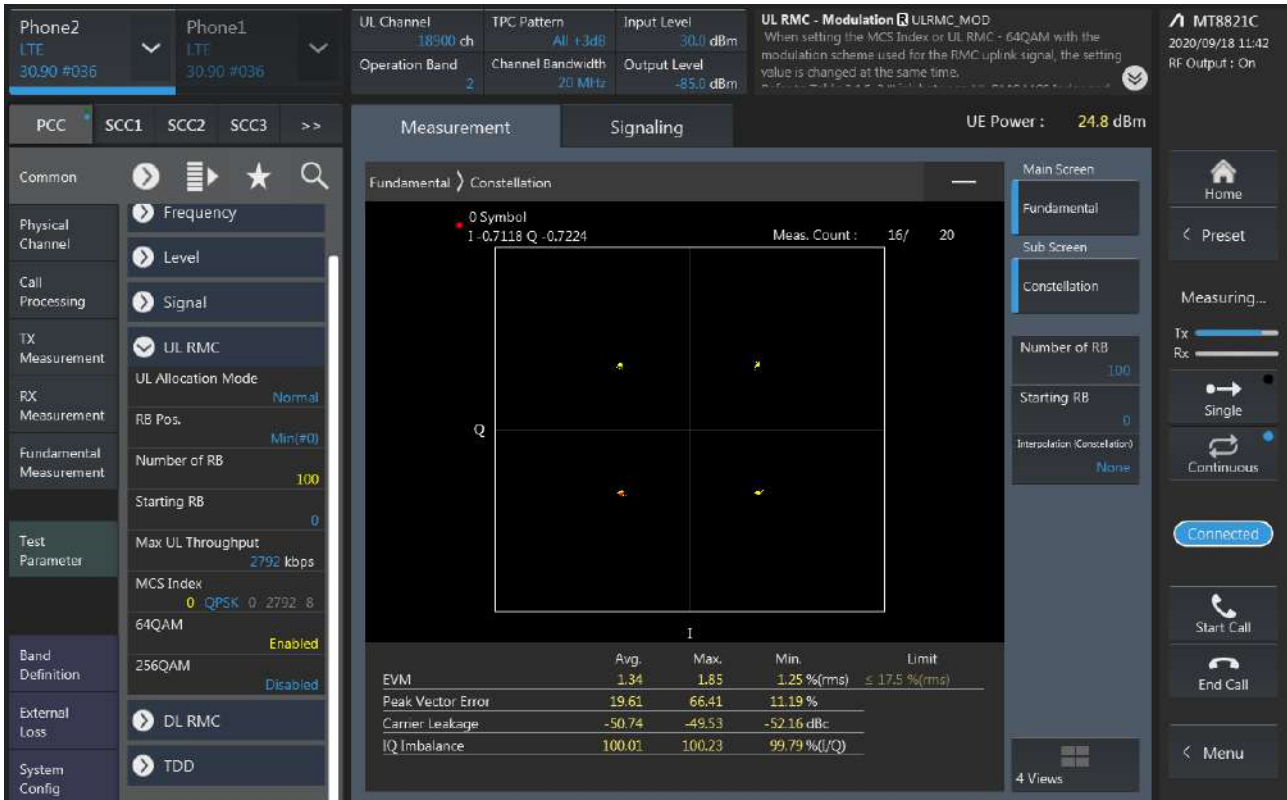


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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

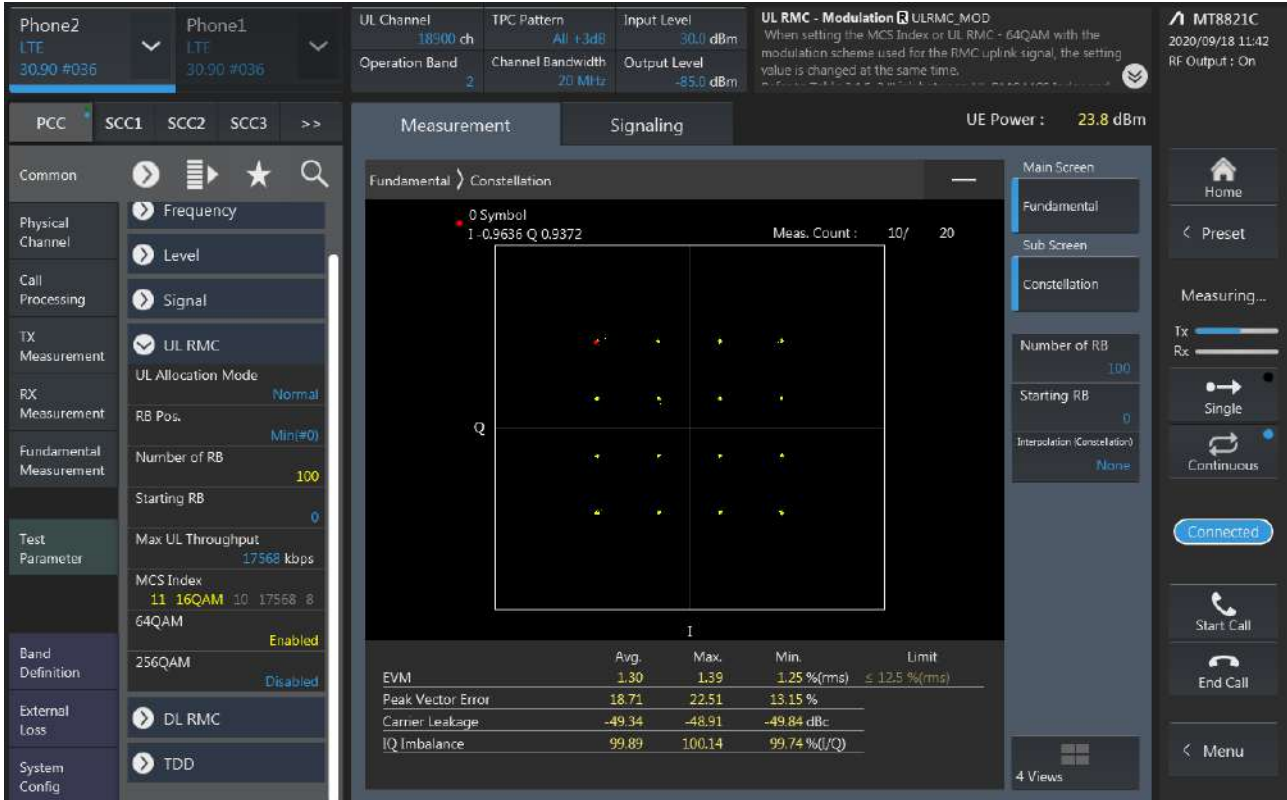
3.1.1. Test Channel = MCH



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3.2. Test Mode = LTE /TM2 20MHz

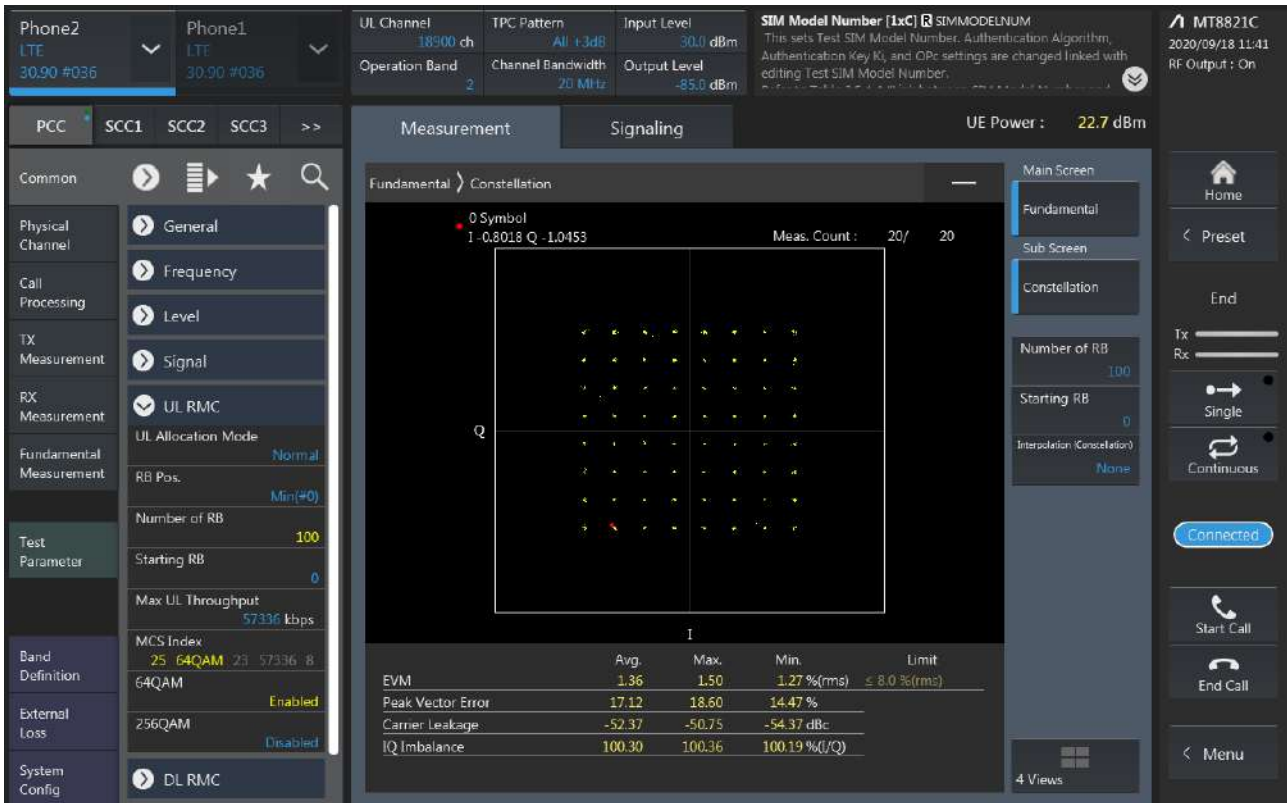
3.2.1. Test Channel = MCH



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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	1.091	1.290	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.091	1.290	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.094	1.290	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	1.094	1.299	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	1.1	1.299	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	1.1	1.302	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.091	1.287	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.091	1.287	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.088	1.284	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.697	2.994	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.697	2.988	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.697	2.994	PASS
Band2	3MHz	64QAM	18615	15RB#0	2.691	2.970	PASS
Band2	3MHz	64QAM	18900	15RB#0	2.697	2.970	PASS
Band2	3MHz	64QAM	19185	15RB#0	2.691	2.970	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.685	2.970	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.685	2.976	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.685	2.976	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.476	4.920	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.476	4.930	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.476	4.920	PASS
Band2	5MHz	64QAM	18625	25RB#0	4.476	4.900	PASS
Band2	5MHz	64QAM	18900	25RB#0	4.476	4.900	PASS
Band2	5MHz	64QAM	19175	25RB#0	4.466	4.900	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.486	4.950	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.496	4.970	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.486	4.940	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.911	9.740	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.931	9.740	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.911	9.640	PASS
Band2	10MHz	64QAM	18650	50RB#0	8.931	9.700	PASS



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Band2	10MHz	64QAM	18900	50RB#0	8.931	9.680	PASS
Band2	10MHz	64QAM	19150	50RB#0	8.911	9.660	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.911	9.740	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.931	9.760	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.911	9.720	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.457	14.790	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.457	14.790	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.427	14.700	PASS
Band2	15MHz	64QAM	18675	75RB#0	13.487	14.910	PASS
Band2	15MHz	64QAM	18900	75RB#0	13.427	14.820	PASS
Band2	15MHz	64QAM	19125	75RB#0	13.397	14.760	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.457	14.760	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.457	14.730	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.427	14.670	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.942	19.480	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.862	19.360	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.862	19.400	PASS
Band2	20MHz	64QAM	18700	100RB#0	17.902	19.480	PASS
Band2	20MHz	64QAM	18900	100RB#0	17.862	19.360	PASS
Band2	20MHz	64QAM	19100	100RB#0	17.822	19.440	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.902	19.480	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.862	19.440	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.862	19.440	PASS

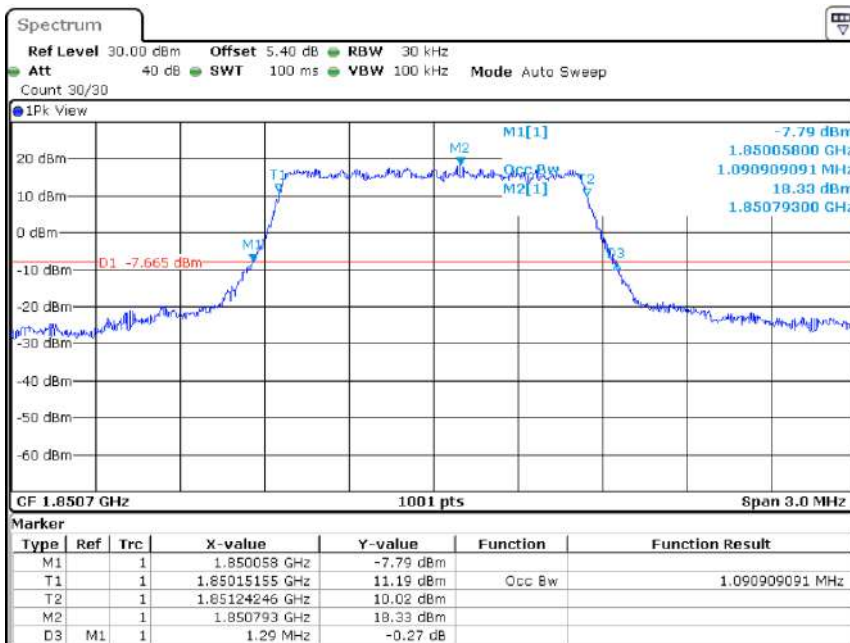


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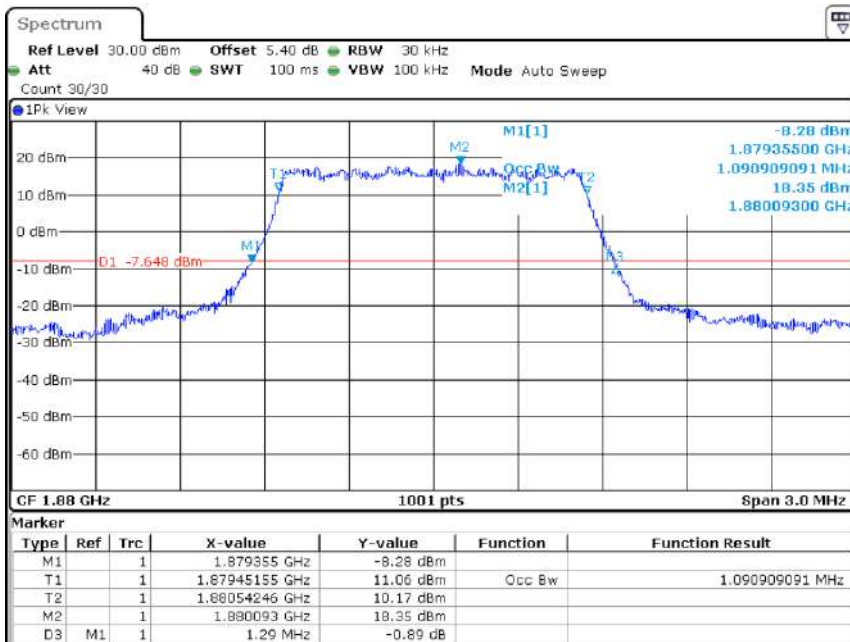
4.2. Test Plots

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



Date: 7 SEP.2020 10:05:56

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

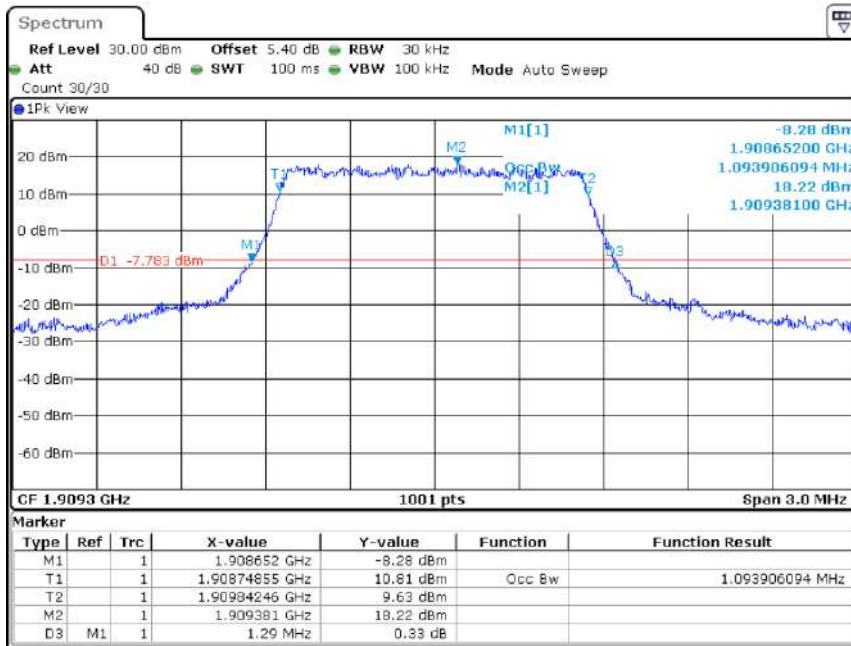


Date: 7 SEP.2020 10:06:22



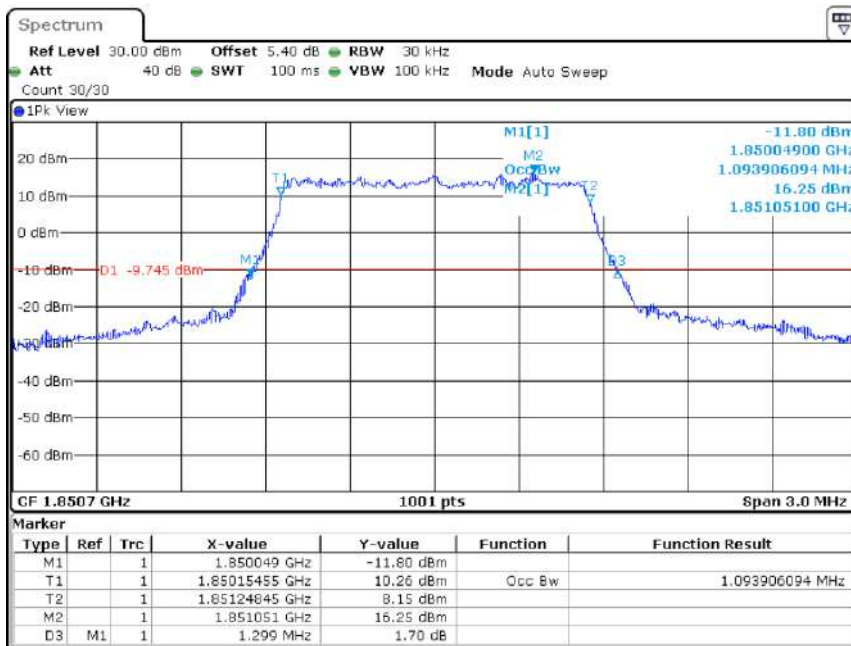
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Band2-1.4MHz-QPSK-19193-6RB#0-1.094



Date: 7 SEP.2020 10:06:48

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

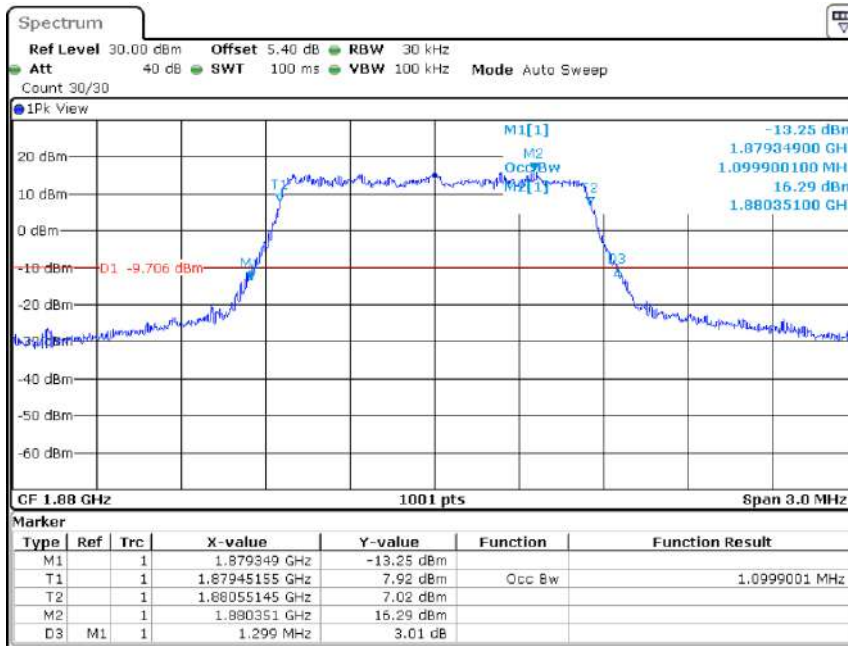


Date: 7 SEP.2020 12:07:47



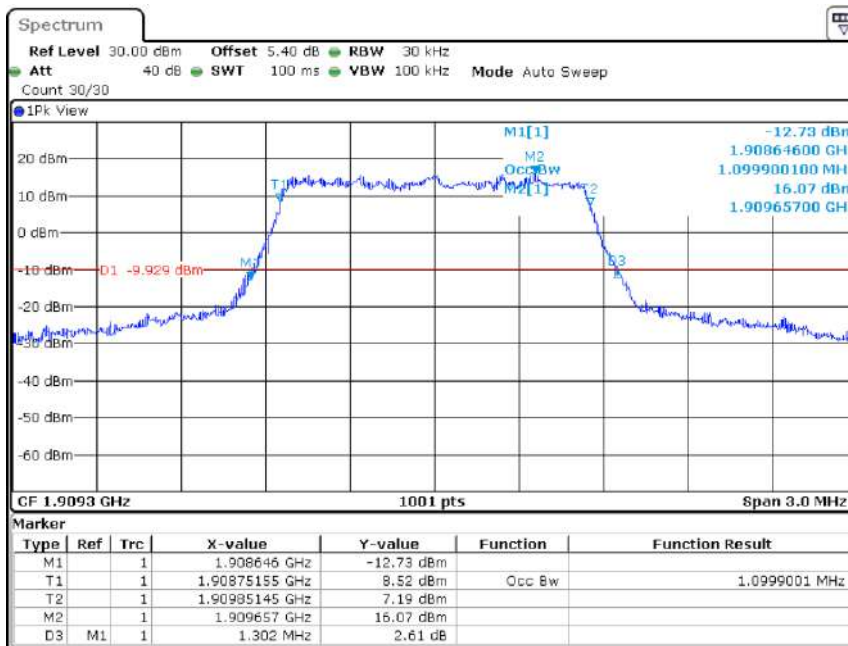
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Band2-1.4MHz-64QAM-18900-6RB#0-1.1



Date: 7 SEP.2020 12:08:00

Band2-1.4MHz-64QAM-19193-6RB#0-1.1



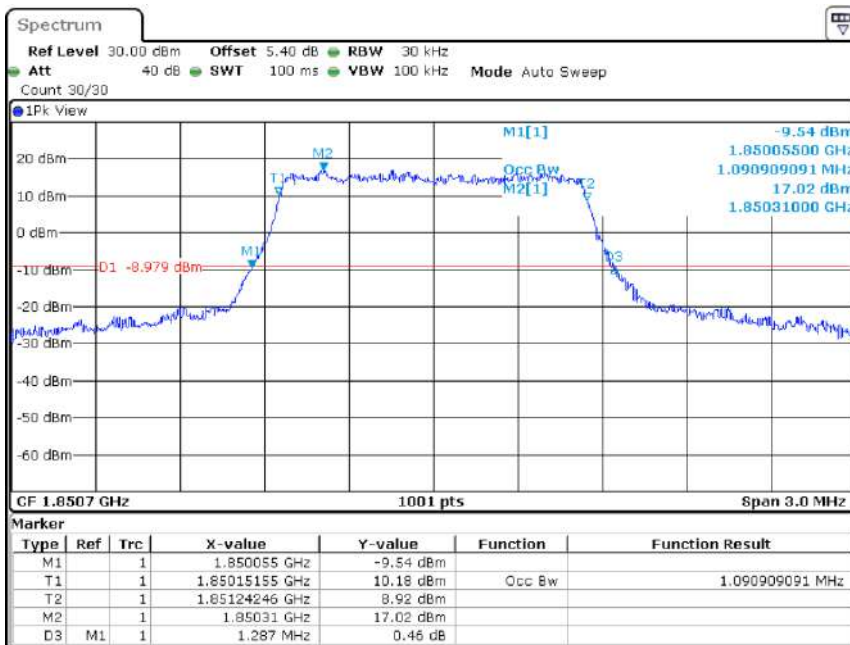
Date: 7 SEP.2020 12:08:13



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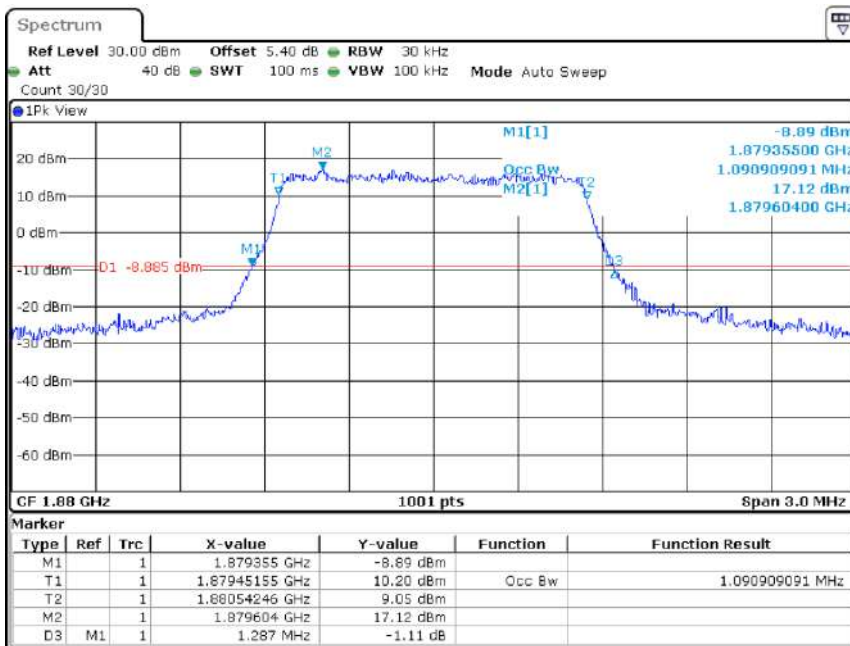


Band2-1.4MHz-16QAM-18607-6RB#0-1.091



Date: 7 SEP.2020 10:06:09

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

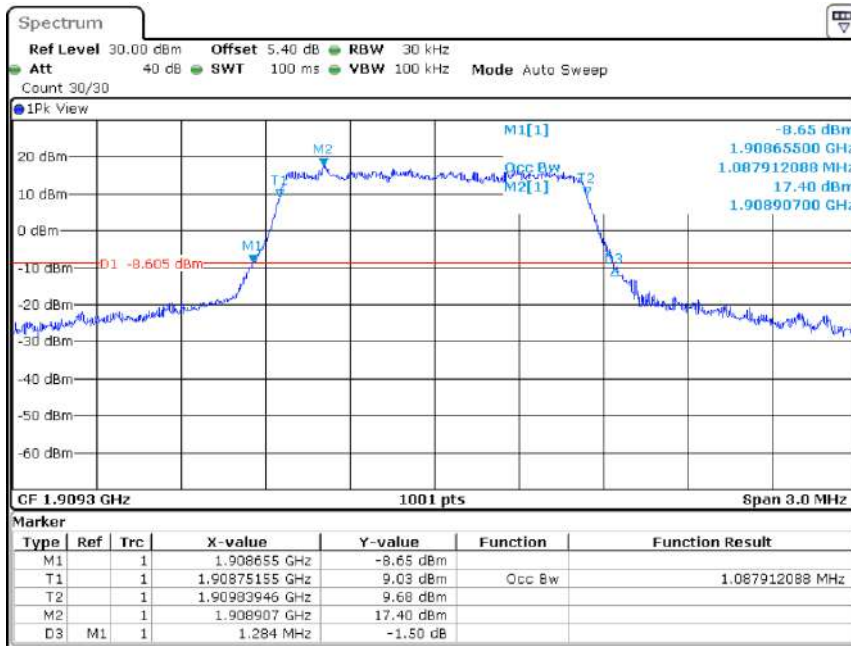


Date: 7 SEP.2020 10:06:35



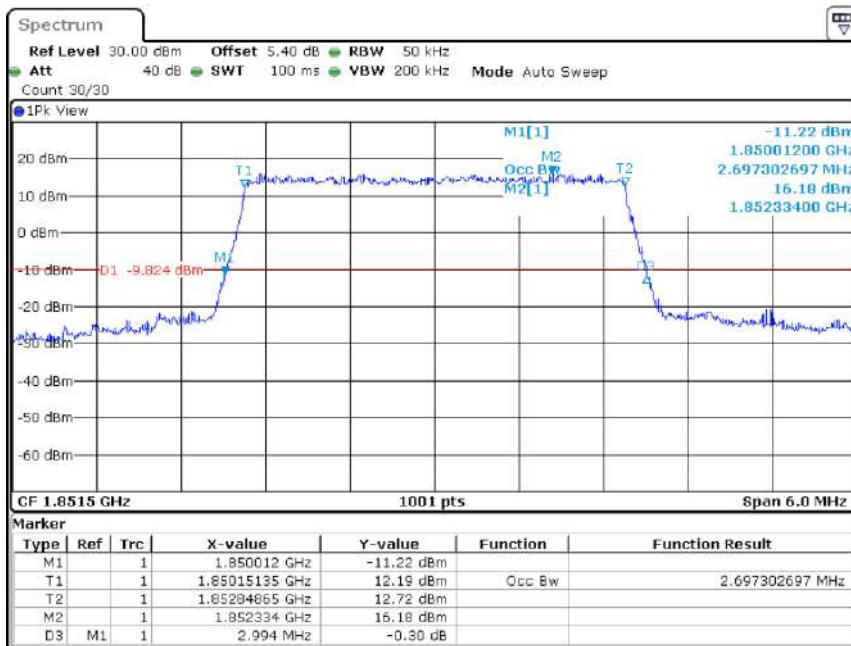
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Band2-1.4MHz-16QAM-19193-6RB#0-1.088



Date: 7 SEP.2020 10:07:00

Band2-3MHz-QPSK-18615-15RB#0-2.697

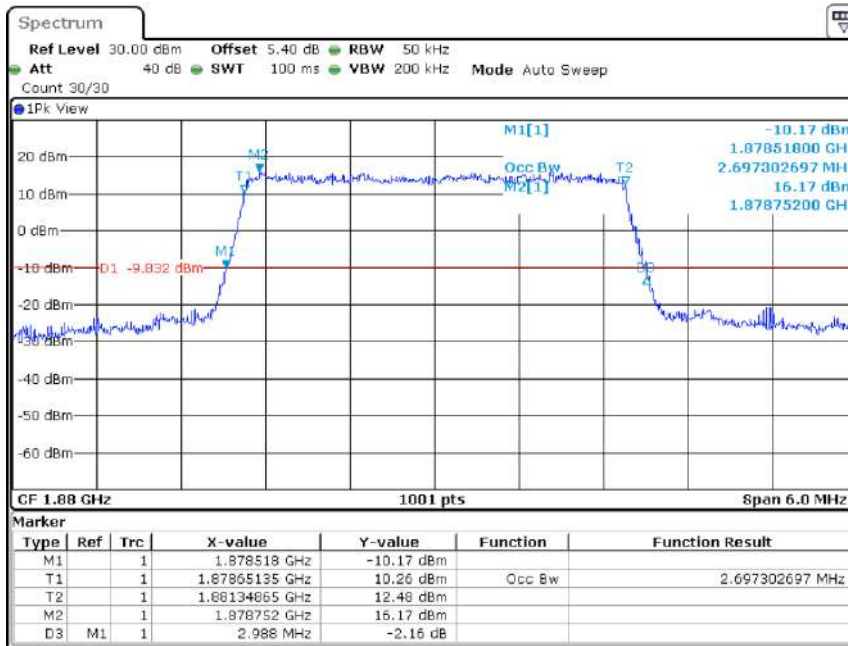


Date: 7 SEP.2020 10:07:19



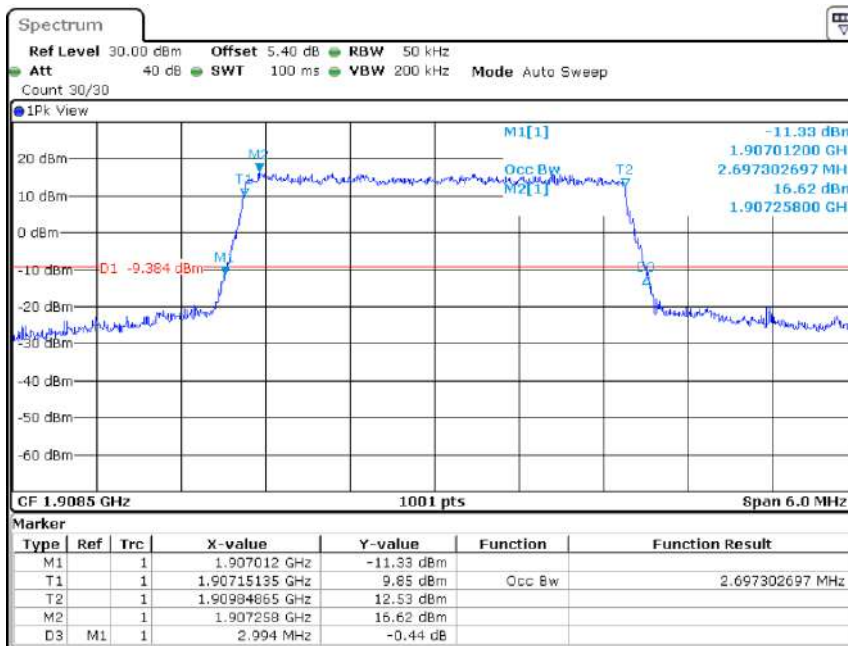
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Band2-3MHz-QPSK-18900-15RB#0-2.697



Date: 7 SEP.2020 10:07:44

Band2-3MHz-QPSK-19185-15RB#0-2.697

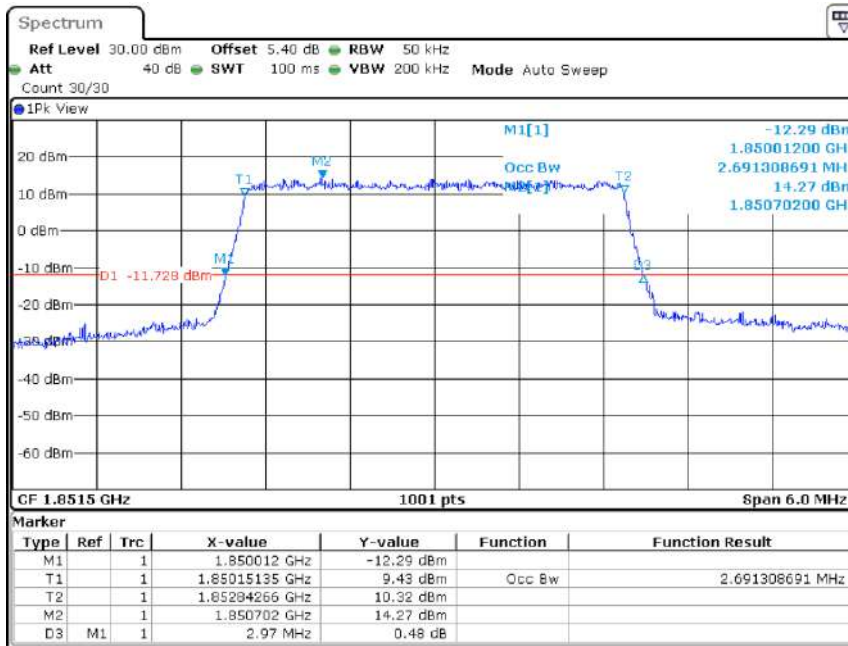


Date: 7 SEP.2020 10:08:10



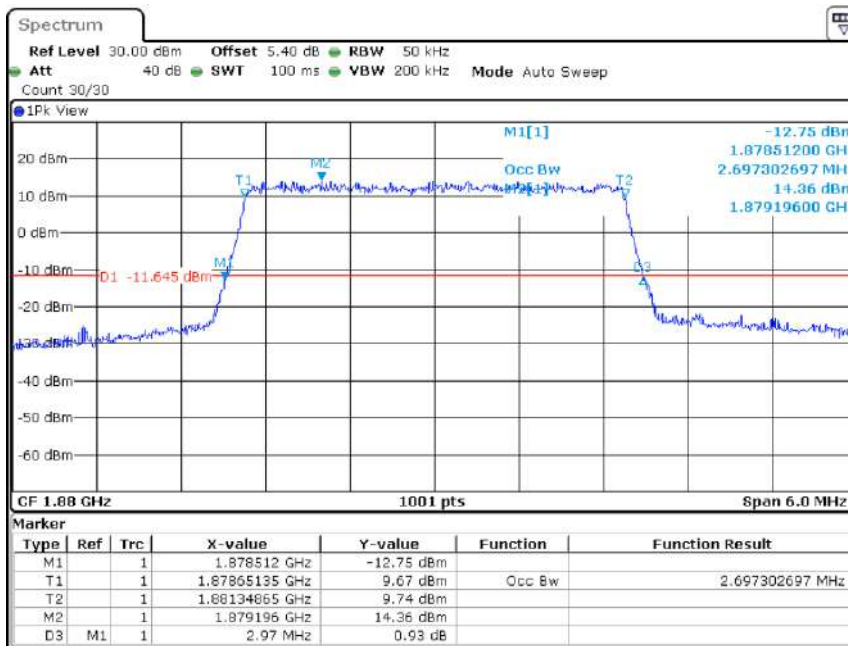
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Band2-3MHz-64QAM-18615-15RB#0-2.691



Date: 7 SEP.2020 12:08:32

Band2-3MHz-64QAM-18900-15RB#0-2.697

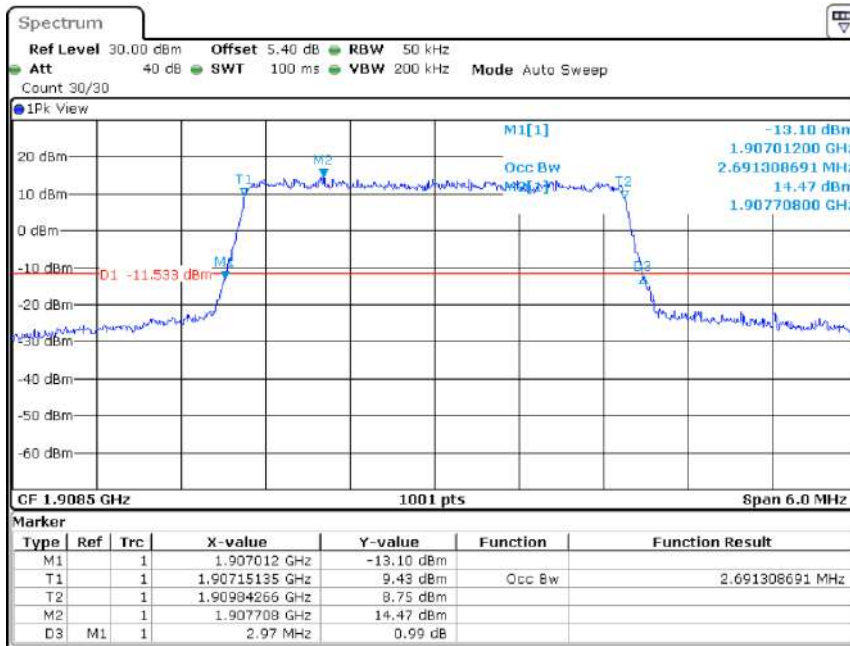


Date: 7 SEP.2020 12:08:45



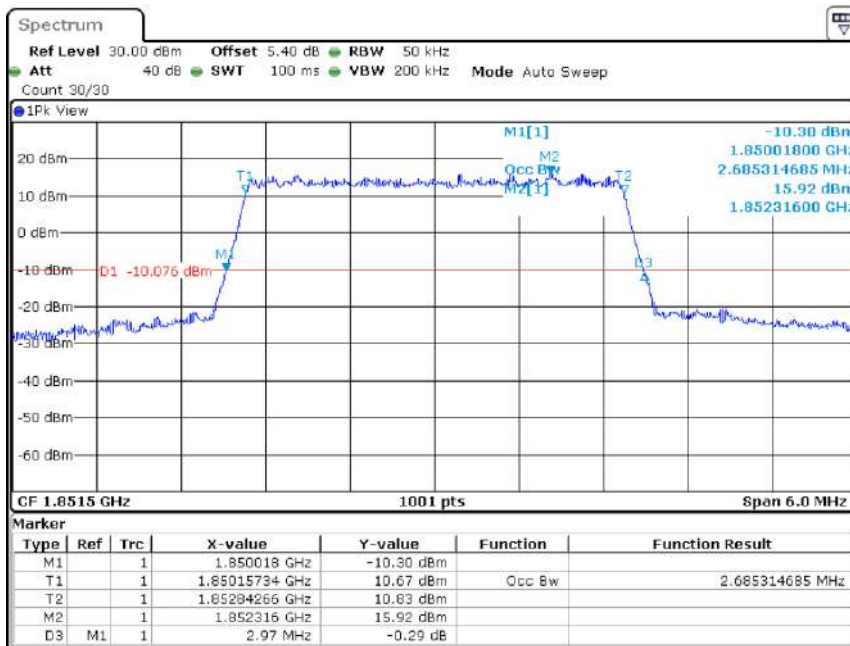
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Band2-3MHz-64QAM-19185-15RB#0-2.691



Date: 7 SEP.2020 12:08:58

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

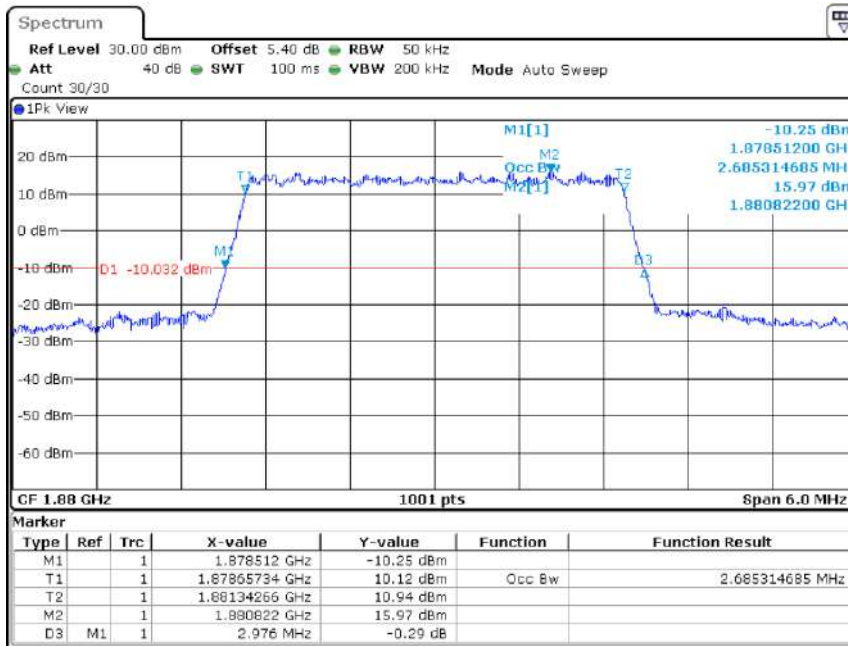


Date: 7 SEP.2020 10:07:31



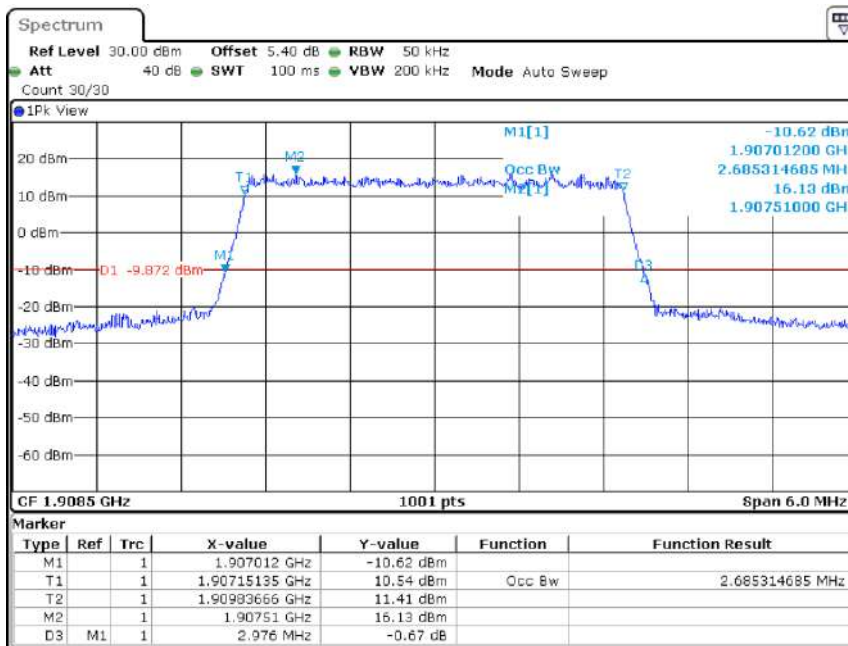
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Band2-3MHz-16QAM-18900-15RB#0-2.685



Date: 7 SEP.2020 10:07:57

Band2-3MHz-16QAM-19185-15RB#0-2.685



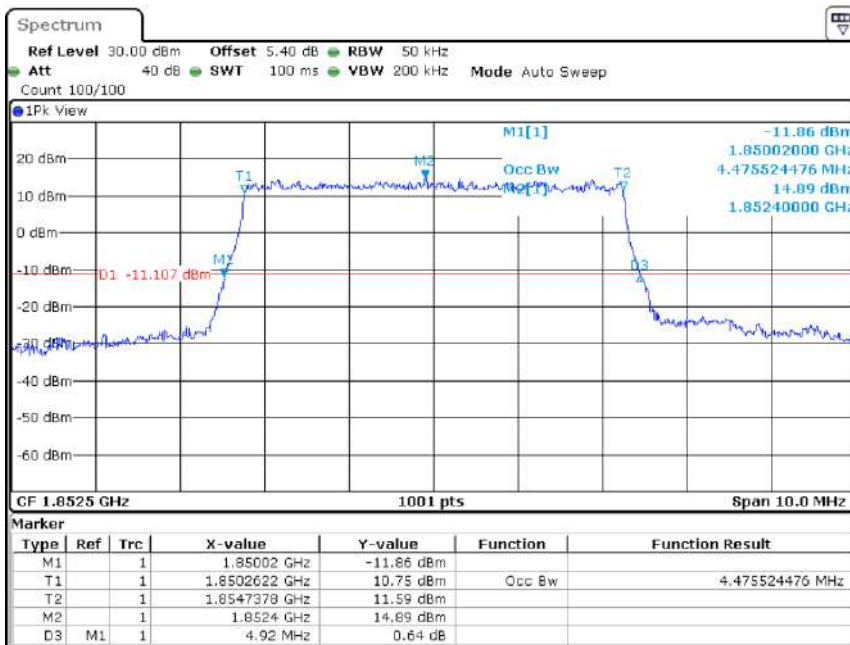
Date: 7 SEP.2020 10:08:23



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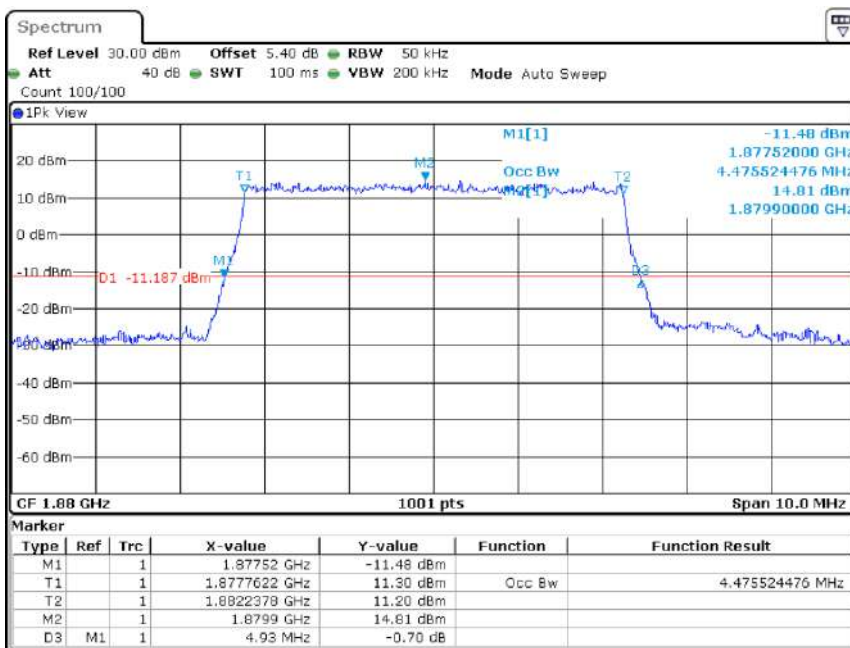


Band2-5MHz-QPSK-18625-25RB#0-4.476



Date: 7 SEP.2020 10:08:48

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

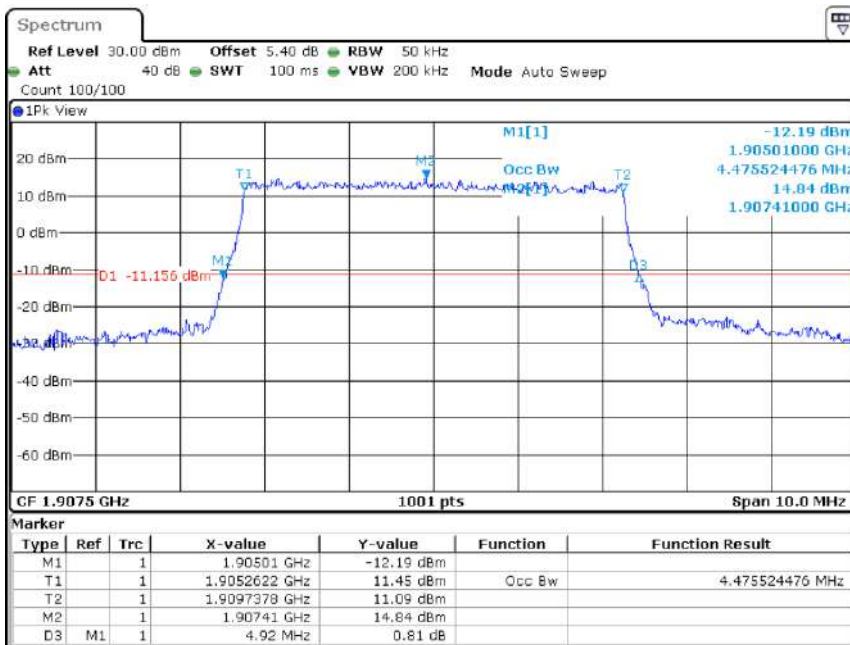


Date: 7 SEP.2020 10:09:28

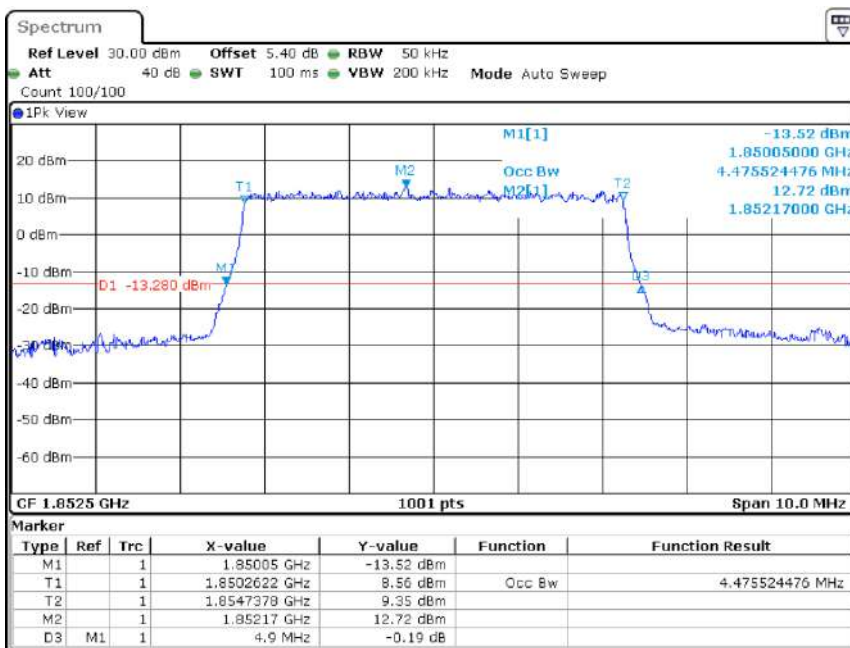


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Band2-5MHz-QPSK-19175-25RB#0-4.476

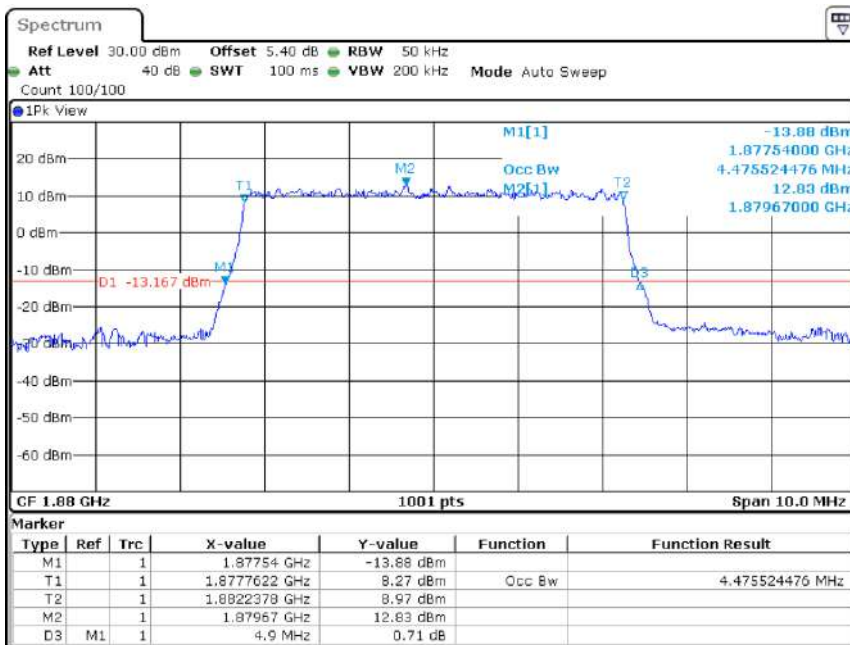


Band2-5MHz-64QAM-18625-25RB#0-4.476



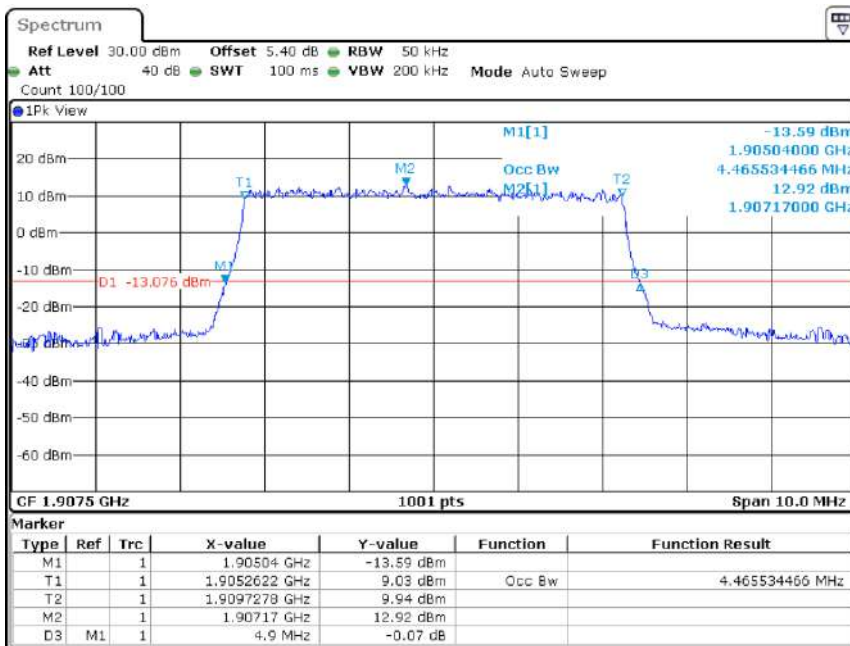
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Band2-5MHz-64QAM-18900-25RB#0-4.476



Date: 7 SEP.2020 12:09:44

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

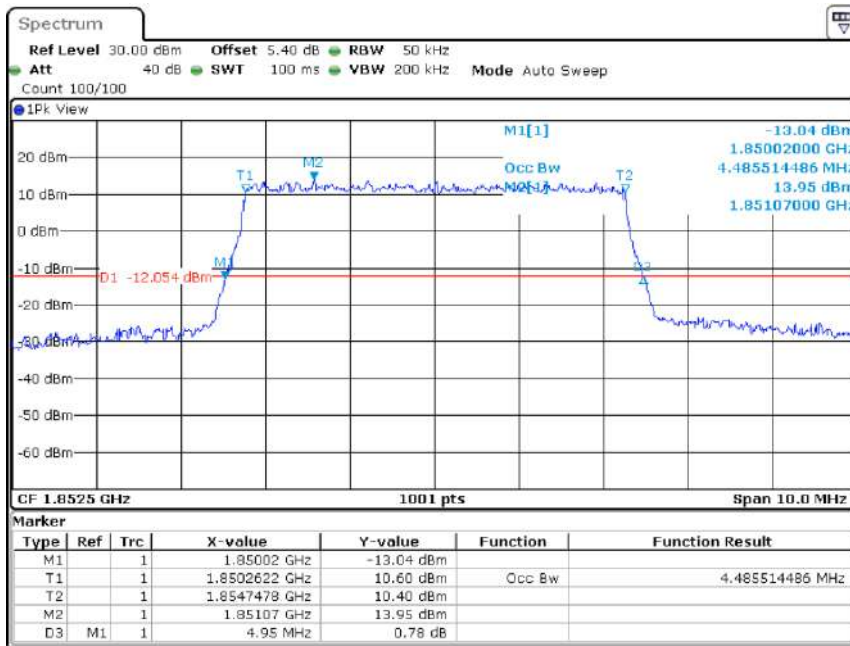


Date: 7 SEP.2020 12:10:04

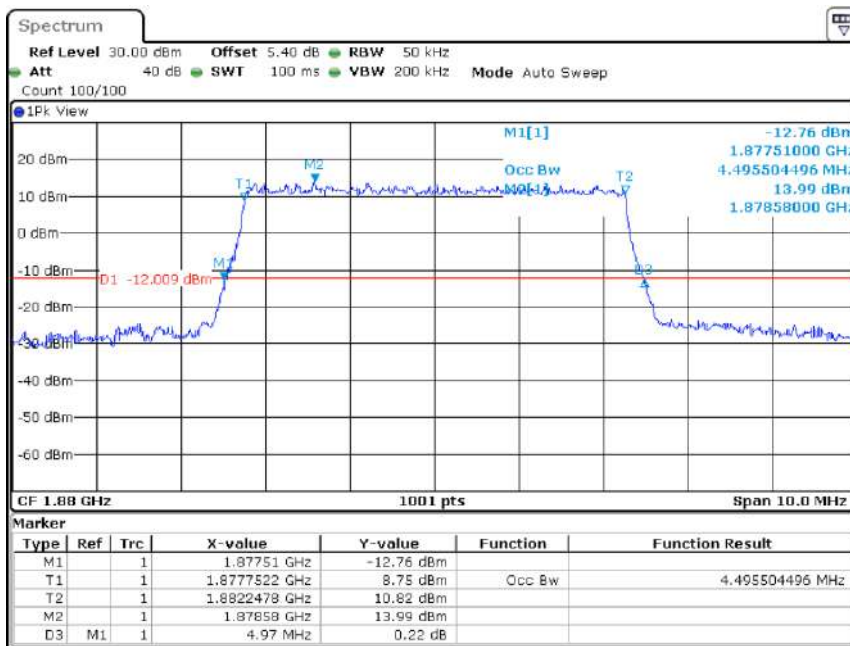


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Band2-5MHz-16QAM-18625-25RB#0-4.486



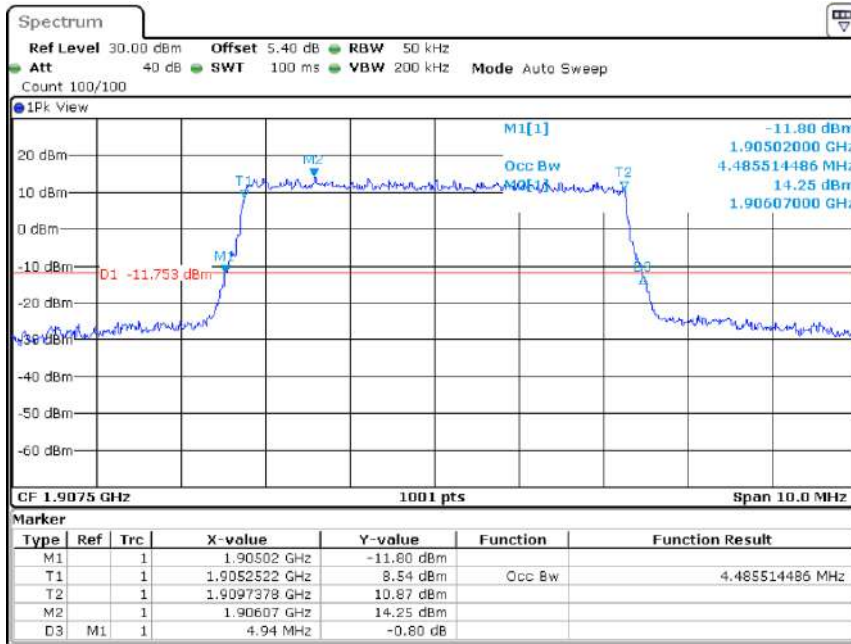
Band2-5MHz-16QAM-18900-25RB#0-4.496



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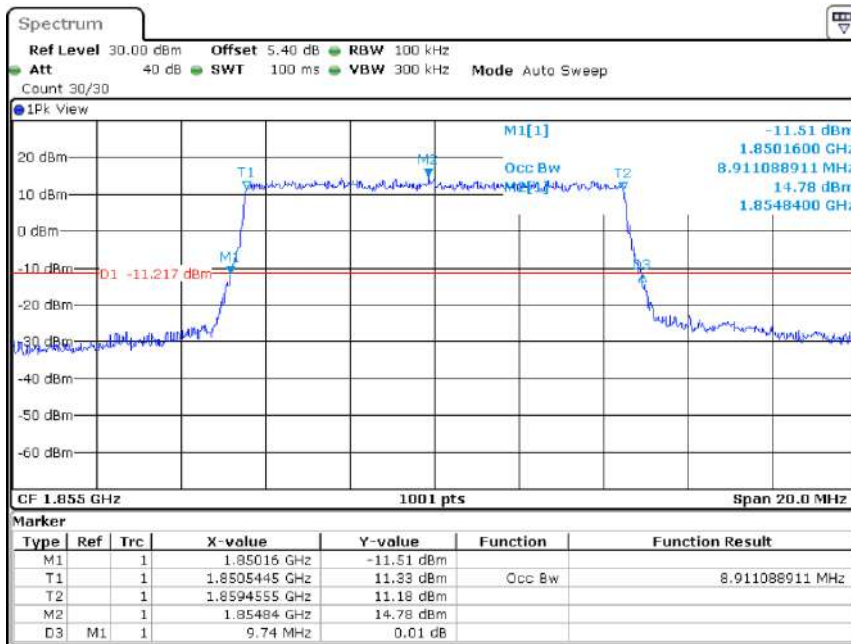
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Band2-5MHz-16QAM-19175-25RB#0-4.486



Date: 7 SEP.2020 10:10:27

Band2-10MHz-QPSK-18650-50RB#0-8.911

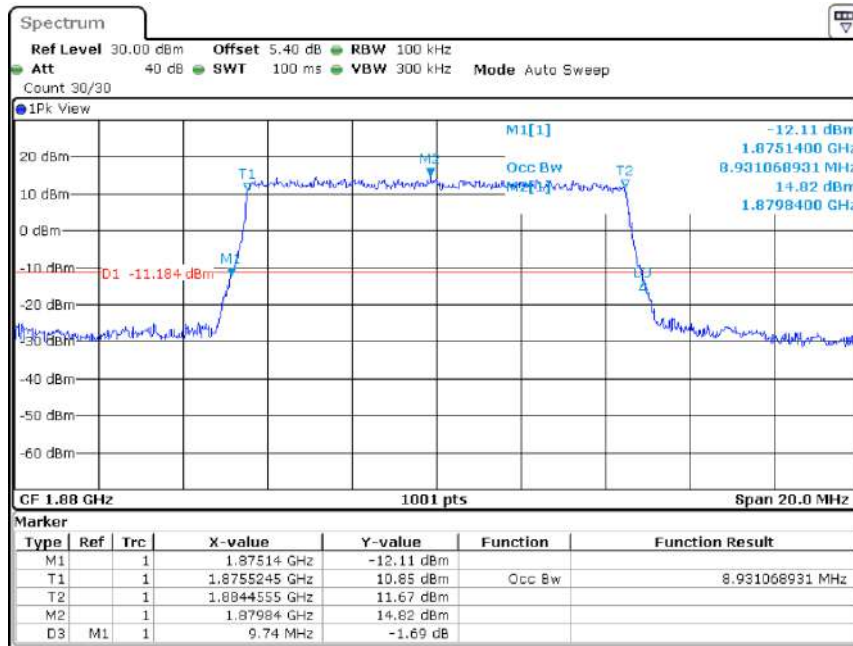


Date: 7 SEP.2020 10:10:45



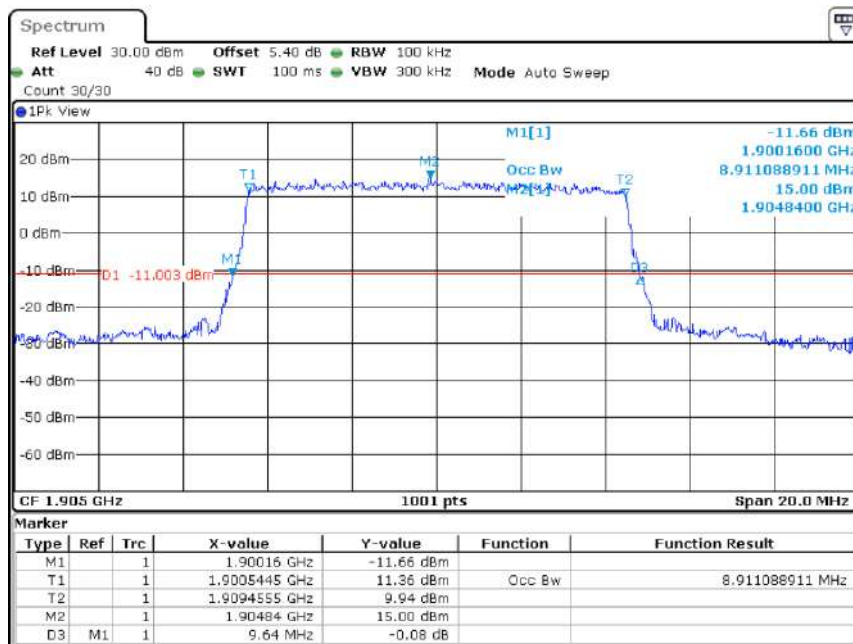
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Band2-10MHz-QPSK-18900-50RB#0-8.931



Date: 7 SEP.2020 10:11:11

Band2-10MHz-QPSK-19150-50RB#0-8.911

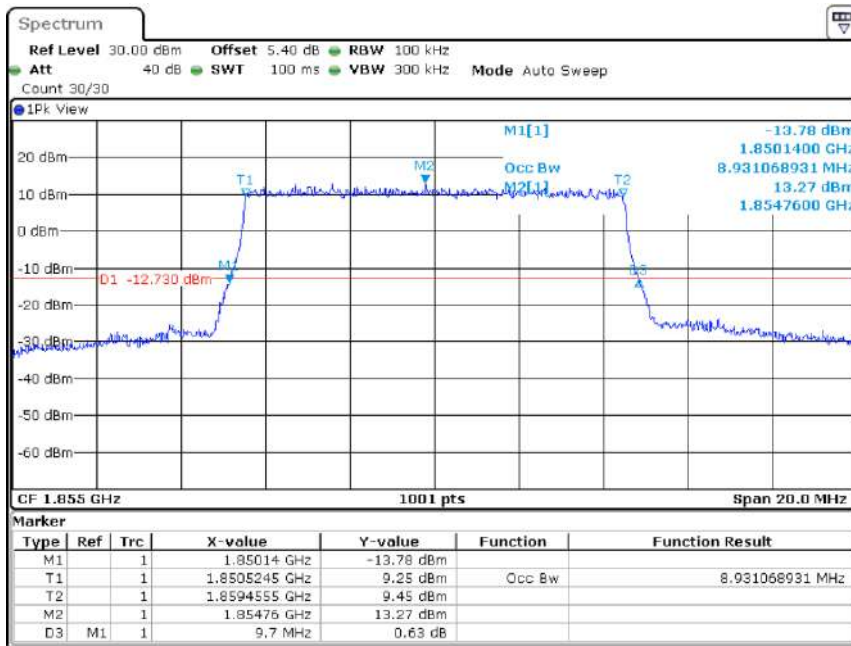


Date: 7 SEP.2020 10:11:36



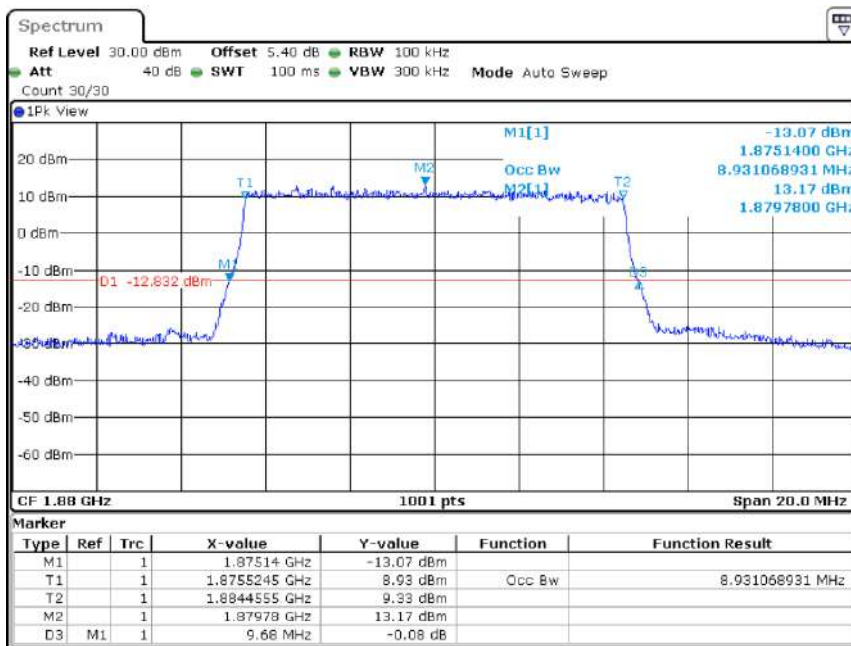
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Band2-10MHz-64QAM-18650-50RB#0-8.931



Date: 7 SEP. 2020 12:10:24

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

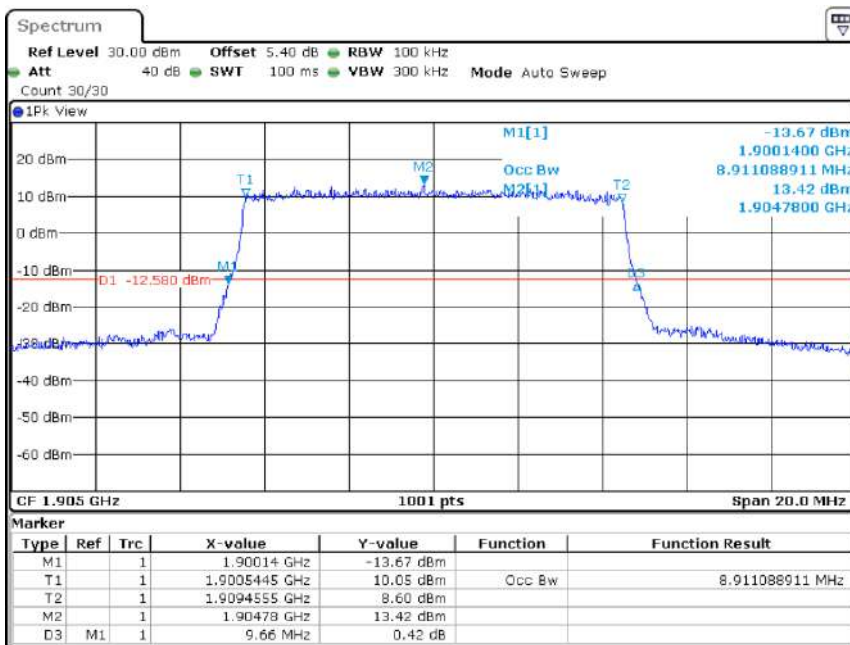


Date: 7 SEP. 2020 12:10:37



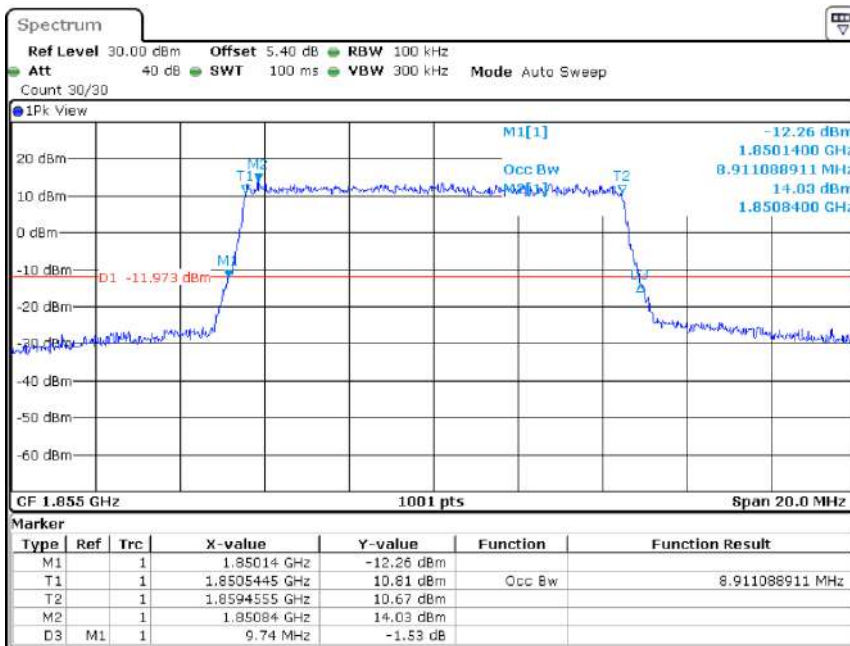
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Band2-10MHz-64QAM-19150-50RB#0-8.911



Date: 7 SEP.2020 12:10:49

Band2-10MHz-16QAM-18650-50RB#0-8.911

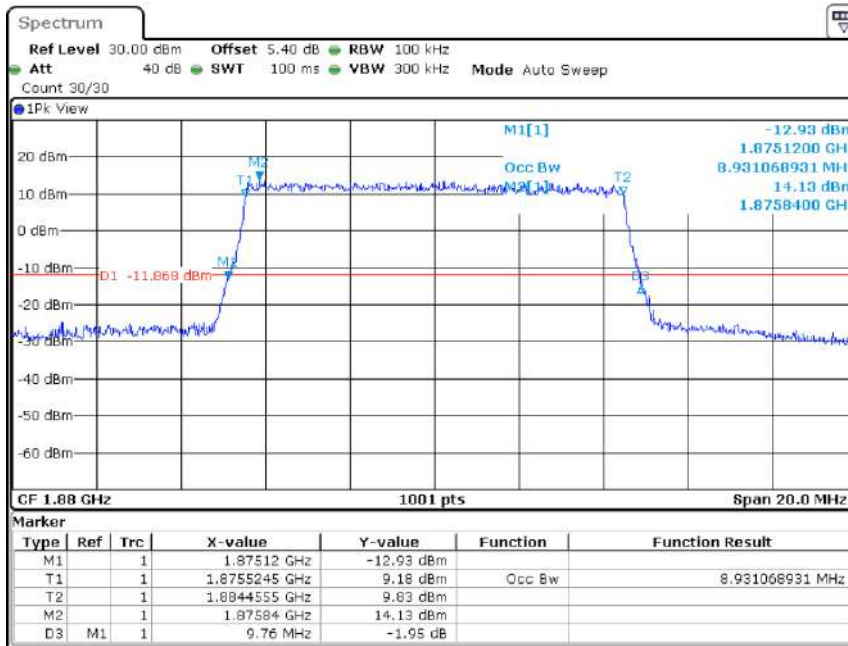


Date: 7 SEP.2020 10:10:58



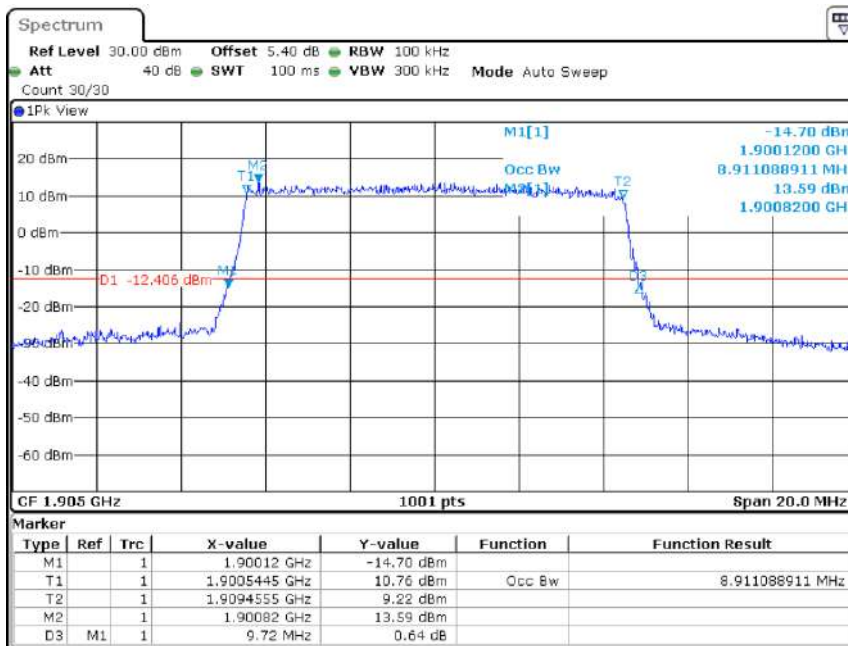
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Band2-10MHz-16QAM-18900-50RB#0-8.931



Date: 7 SEP.2020 10:11:23

Band2-10MHz-16QAM-19150-50RB#0-8.911

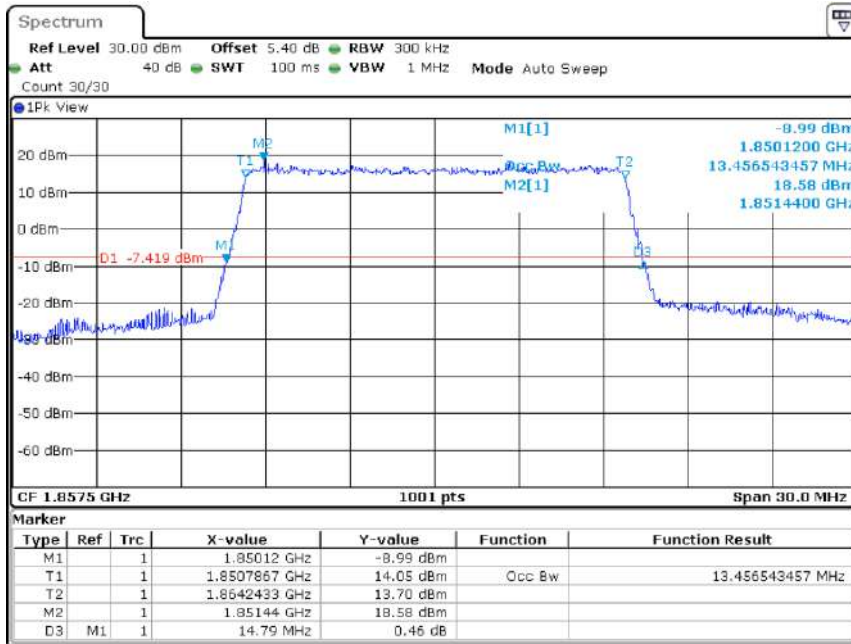


Date: 7 SEP.2020 10:11:49



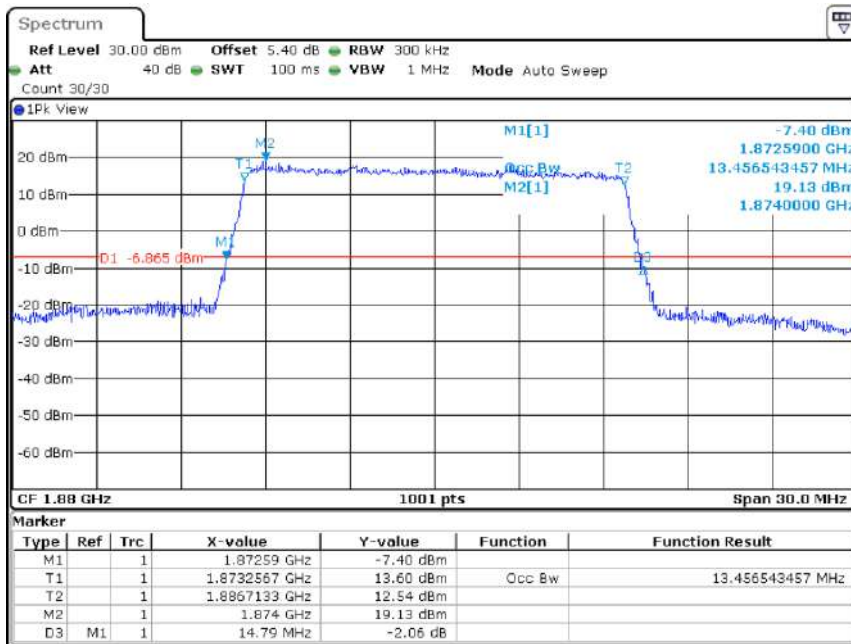
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Band2-15MHz-QPSK-18675-75RB#0-13.457



Date: 7 SEP. 2020 10:12:07

Band2-15MHz-QPSK-18900-75RB#0-13.457

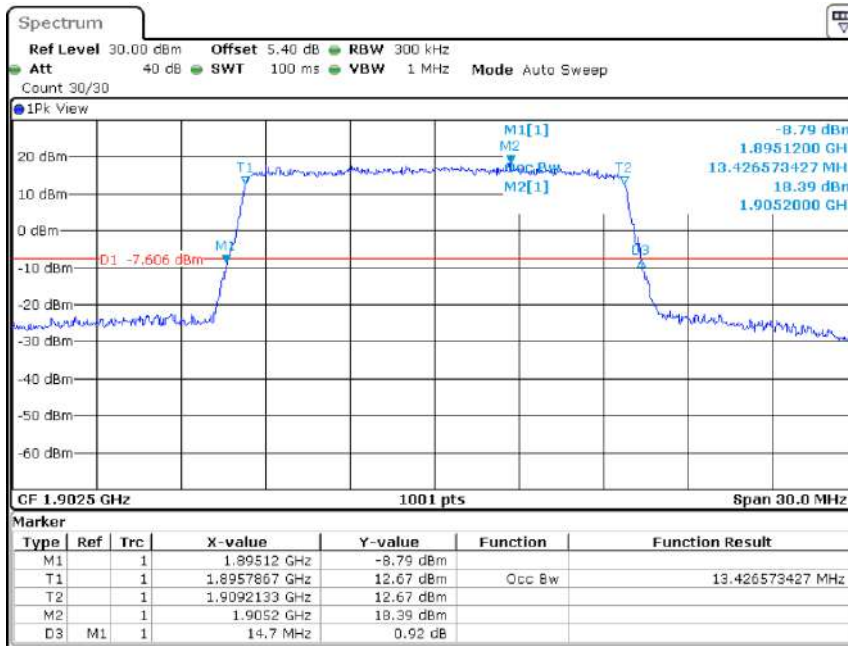


Date: 7 SEP. 2020 10:12:33



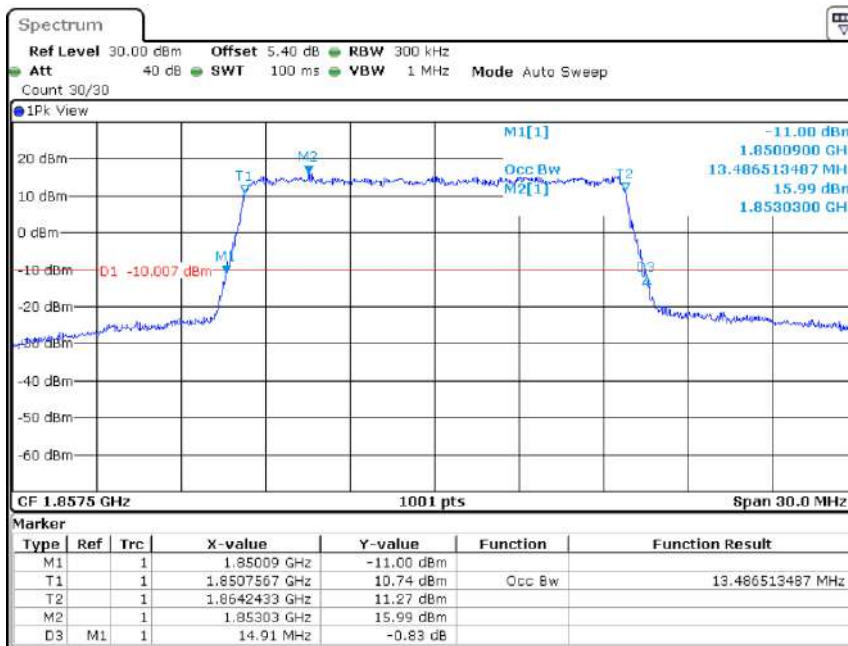
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Band2-15MHz-QPSK-19125-75RB#0-13.427



Date: 7 SEP.2020 10:12:58

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

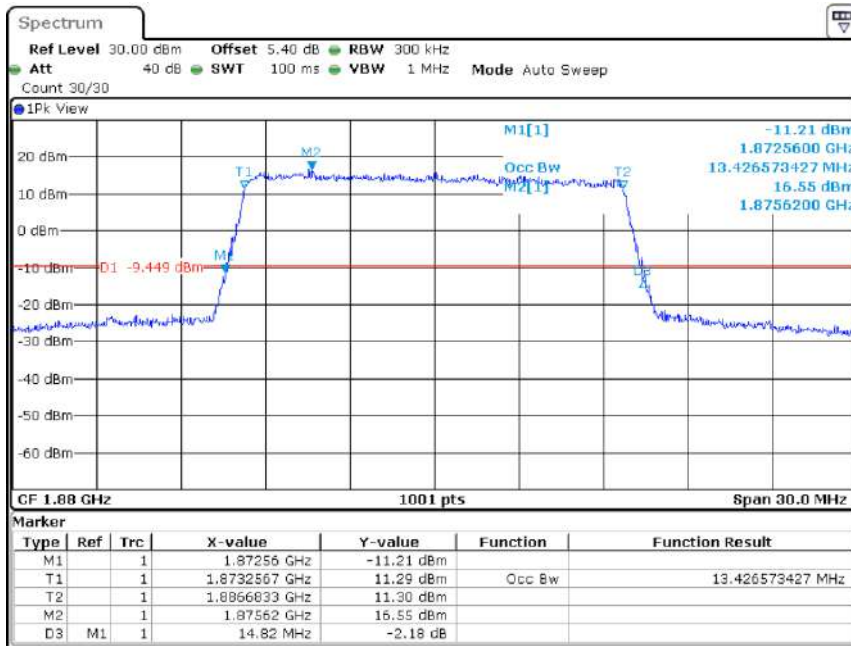


Date: 7 SEP.2020 12:11:10



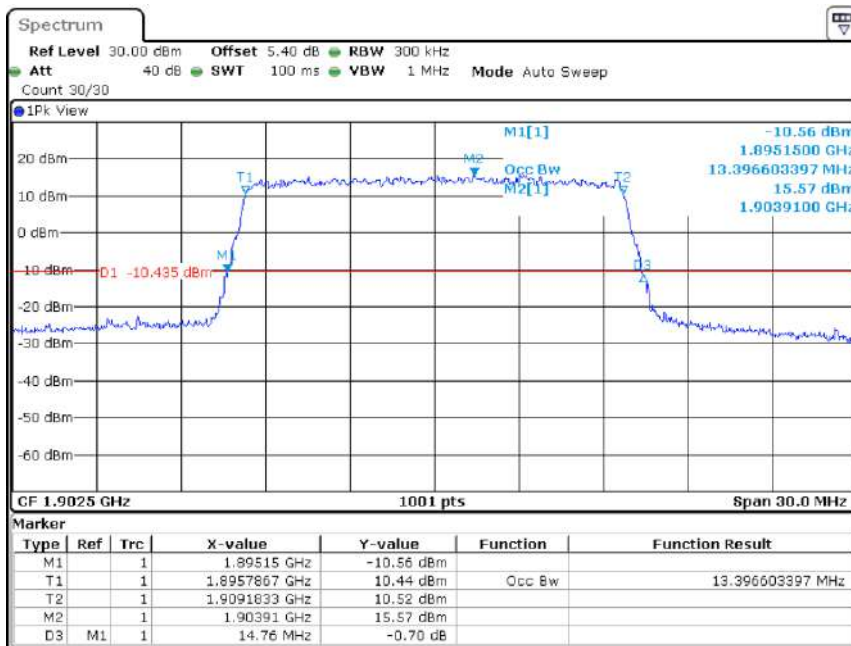
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Band2-15MHz-64QAM-18900-75RB#0-13.427



Date: 7 SEP.2020 12:11:23

Band2-15MHz-64QAM-19125-75RB#0-13.397

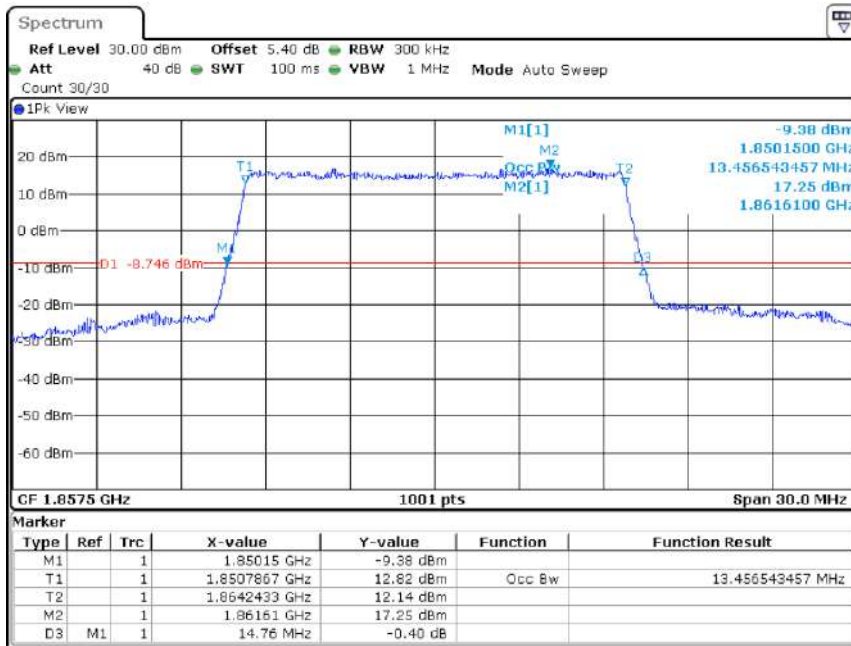


Date: 7 SEP.2020 12:11:36



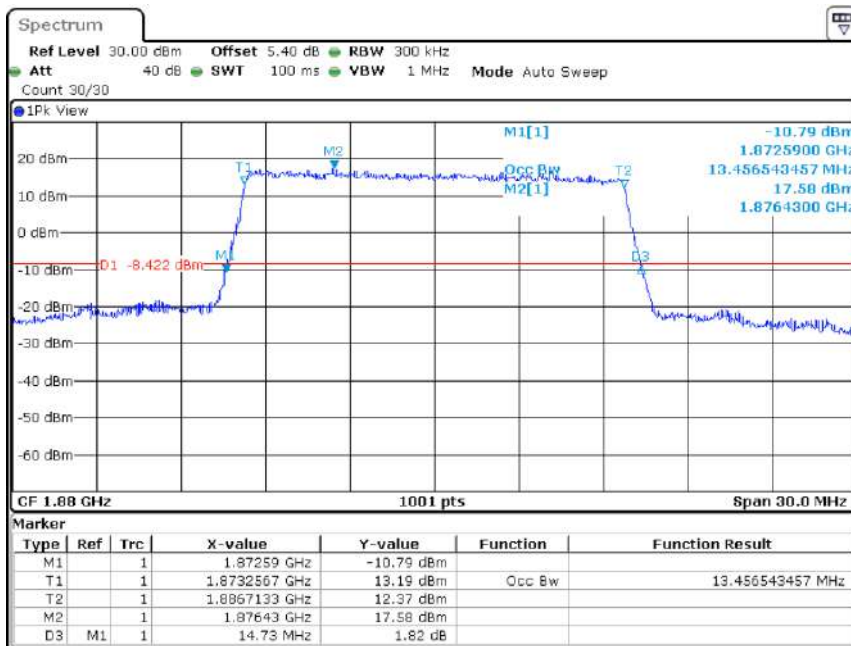
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Band2-15MHz-16QAM-18675-75RB#0-13.457



Date: 7 SEP.2020 10:12:20

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

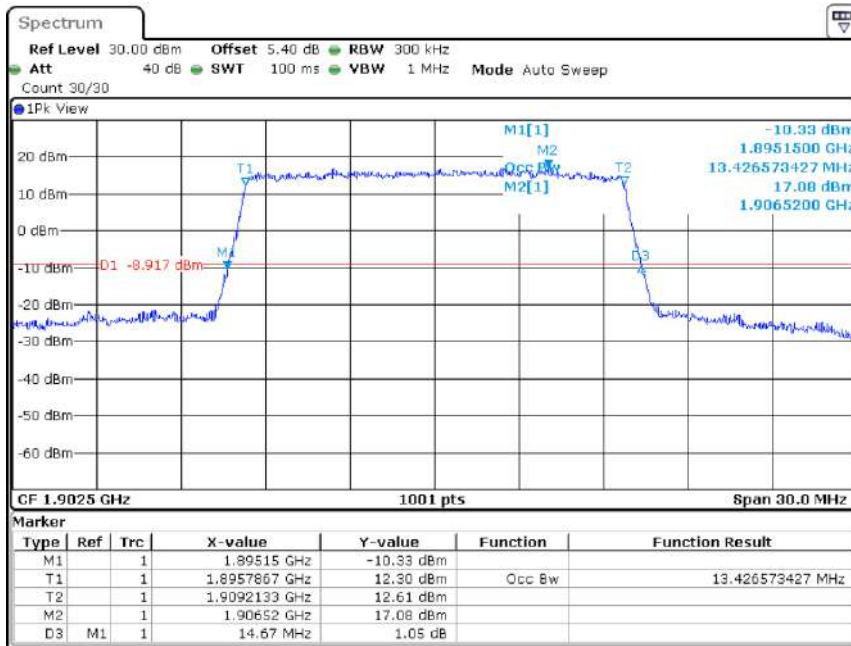


Date: 7 SEP.2020 10:12:45



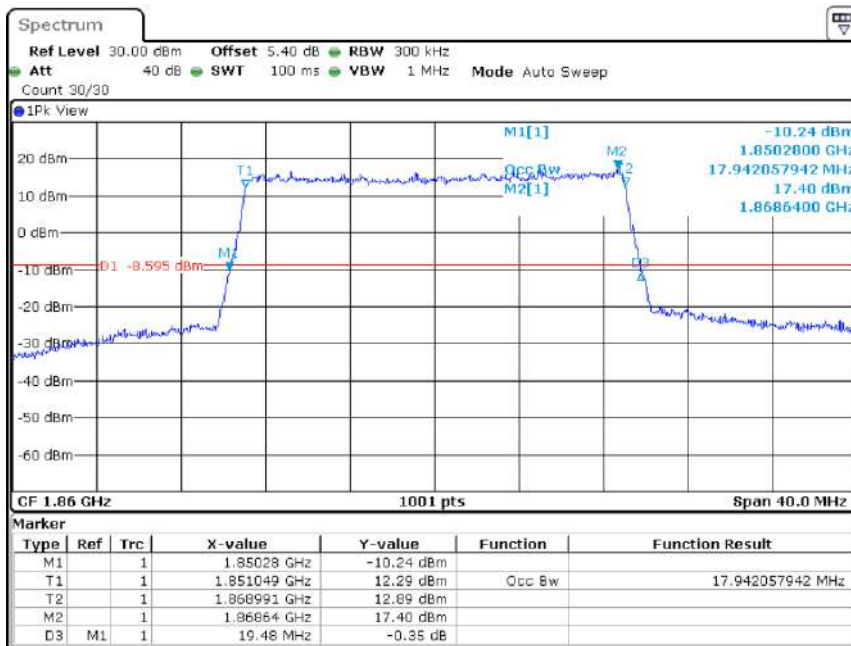
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Band2-15MHz-16QAM-19125-75RB#0-13.427



Date: 7 SEP.2020 10:13:11

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

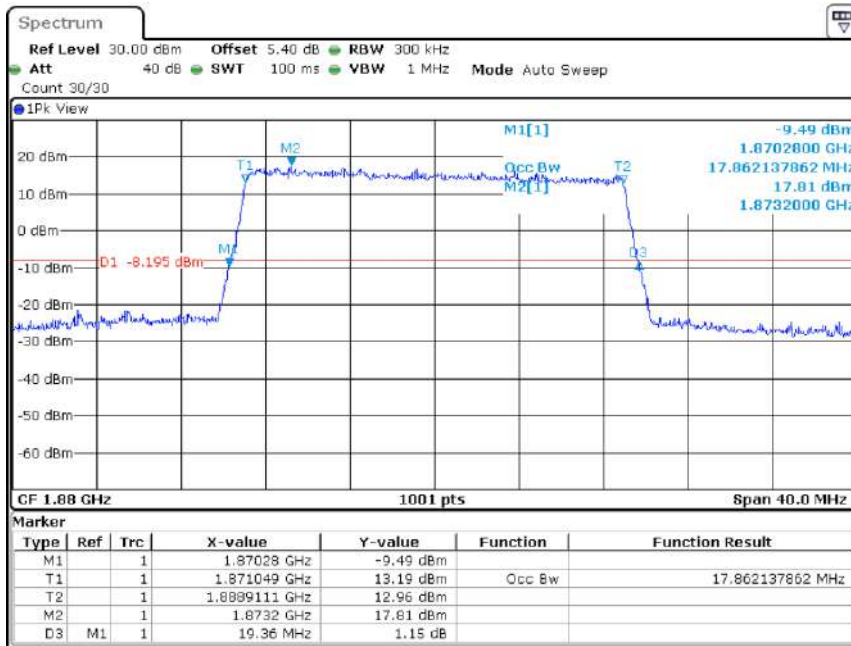


Date: 7 SEP.2020 10:13:29



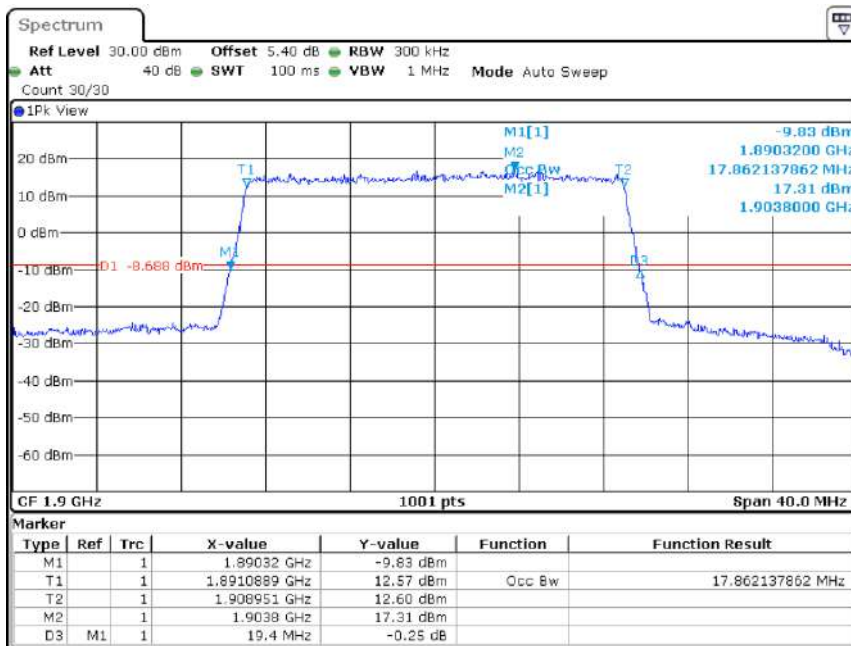
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Band2-20MHz-QPSK-18900-100RB#0-17.862



Date: 7 SEP.2020 10:13:55

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

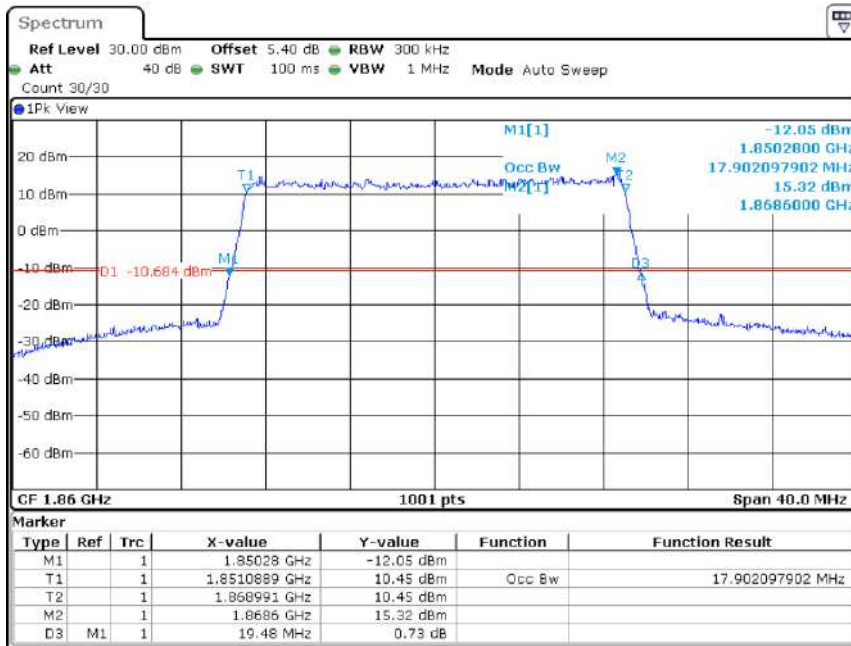


Date: 7 SEP.2020 10:14:20



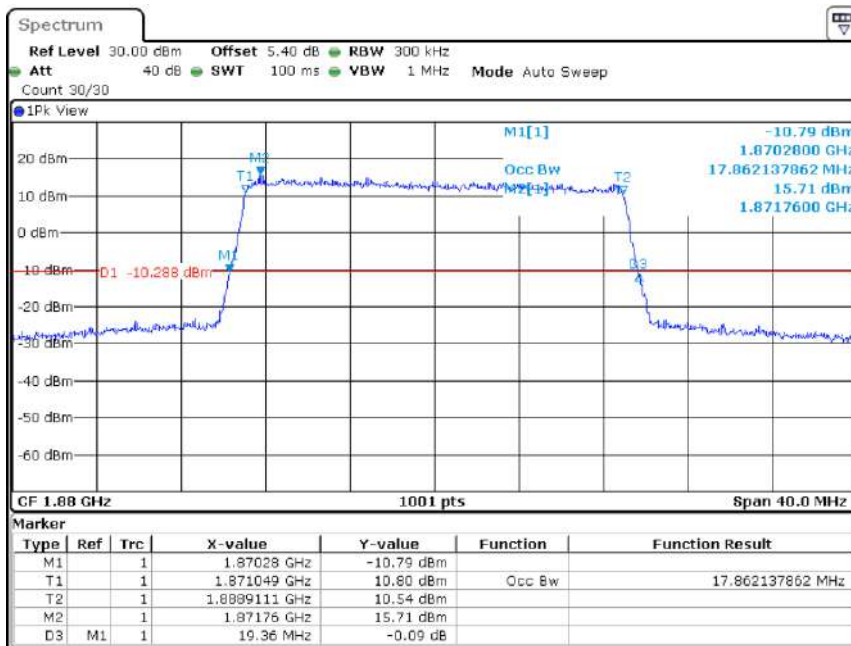
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Band2-20MHz-64QAM-18700-100RB#0-17.902



Date: 7 SEP.2020 12:11:55

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

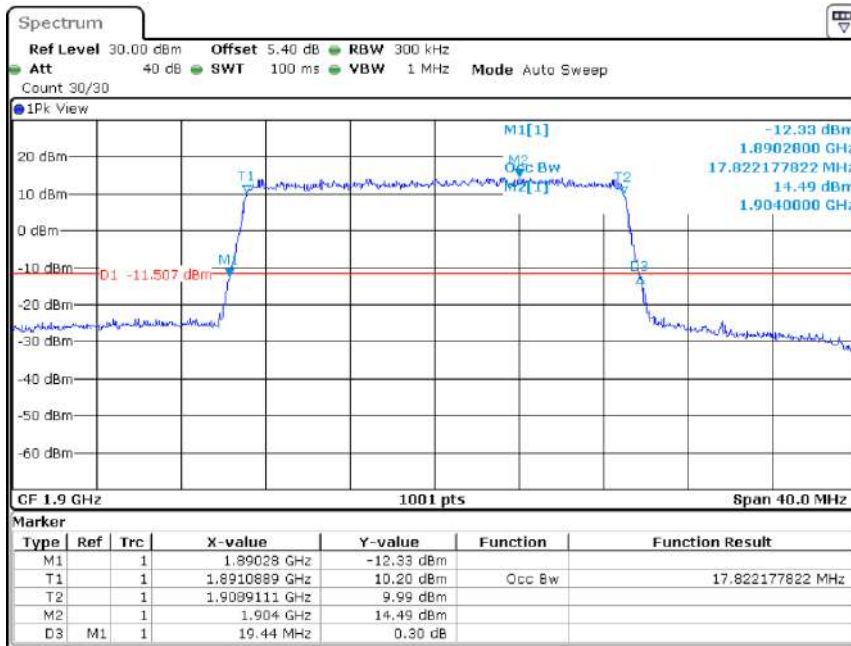


Date: 7 SEP.2020 12:12:08



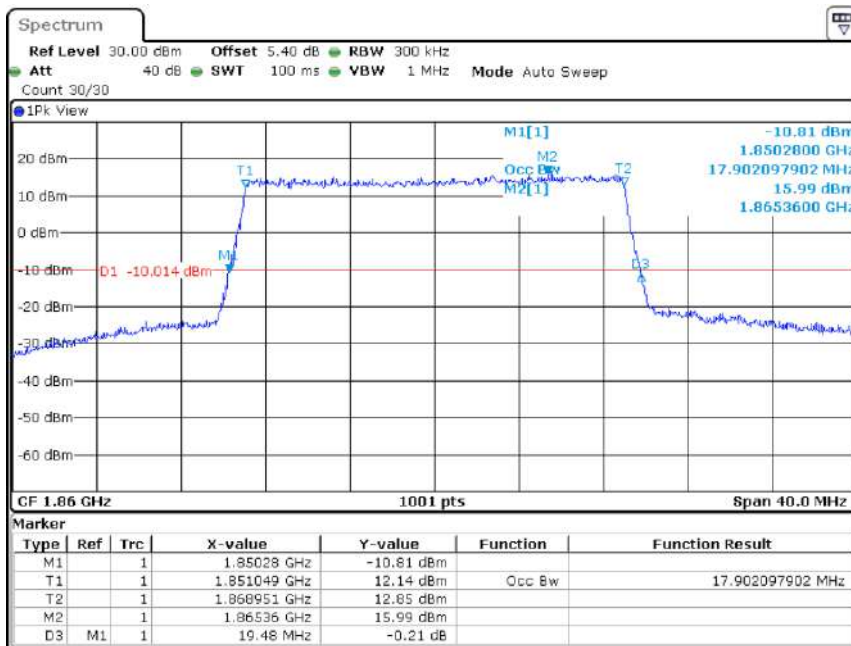
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Band2-20MHz-64QAM-19100-100RB#0-17.822



Date: 7 SEP.2020 12:12:21

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



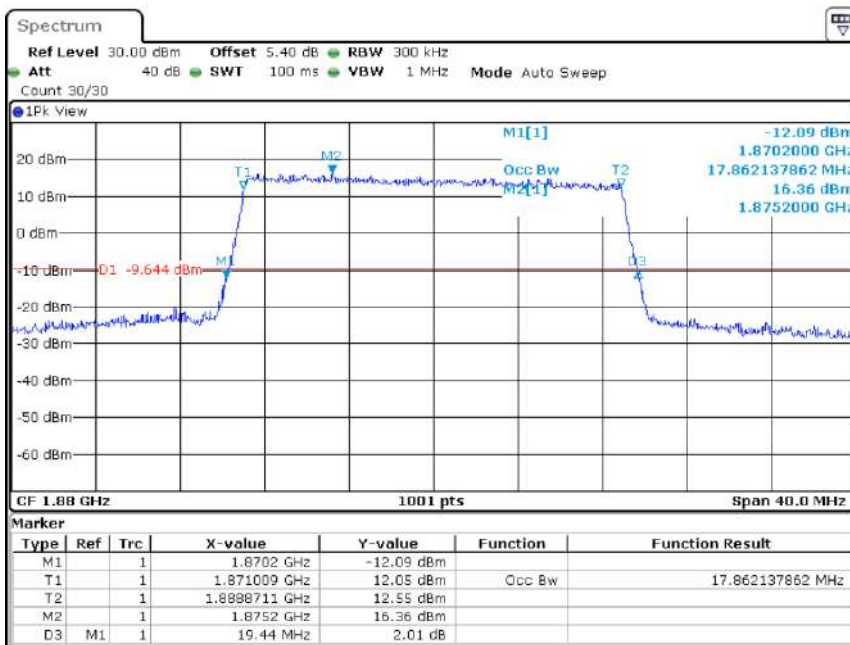
Date: 7 SEP.2020 10:13:42



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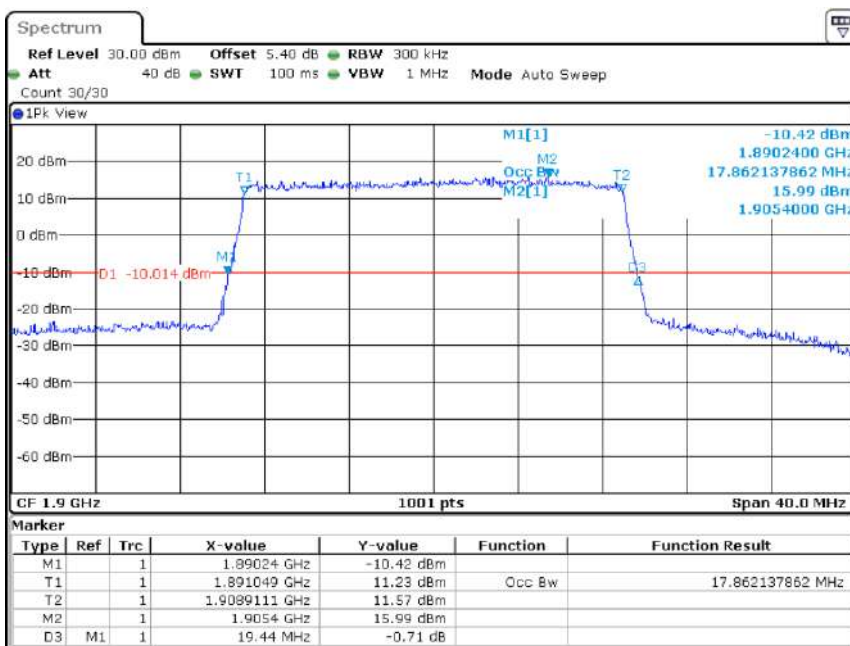


Band2-20MHz-16QAM-18900-100RB#0-17.862



Date: 7 SEP.2020 10:14:07

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



Date: 7 SEP.2020 10:14:33



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5. Band Edge Compliance

5.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-21.44	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-25.89	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-23.43	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-25.37	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	-24.18	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	-28.41	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	-23.23	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	-27.34	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-21.73	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-26.66	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-24.17	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-25.83	PASS
Band2	3MHz	QPSK	18615	1RB#0	-20.97	PASS
Band2	3MHz	QPSK	18615	15RB#0	-28.11	PASS
Band2	3MHz	QPSK	19185	1RB#14	-23.14	PASS
Band2	3MHz	QPSK	19185	15RB#0	-27.47	PASS
Band2	3MHz	64QAM	18615	1RB#0	-23.19	PASS
Band2	3MHz	64QAM	18615	15RB#0	-30.52	PASS
Band2	3MHz	64QAM	19185	1RB#14	-23.30	PASS
Band2	3MHz	64QAM	19185	15RB#0	-29.25	PASS
Band2	3MHz	16QAM	18615	1RB#0	-20.65	PASS
Band2	3MHz	16QAM	18615	15RB#0	-29.20	PASS
Band2	3MHz	16QAM	19185	1RB#14	-23.81	PASS
Band2	3MHz	16QAM	19185	15RB#0	-28.64	PASS
Band2	5MHz	QPSK	18625	1RB#0	-21.59	PASS
Band2	5MHz	QPSK	18625	25RB#0	-29.35	PASS
Band2	5MHz	QPSK	19175	1RB#24	-23.48	PASS
Band2	5MHz	QPSK	19175	25RB#0	-28.43	PASS
Band2	5MHz	64QAM	18625	1RB#0	-23.44	PASS
Band2	5MHz	64QAM	18625	25RB#0	-30.87	PASS
Band2	5MHz	64QAM	19175	1RB#24	-23.44	PASS
Band2	5MHz	64QAM	19175	25RB#0	-30.46	PASS



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Band2	5MHz	16QAM	18625	1RB#0	-22.31	PASS
Band2	5MHz	16QAM	18625	25RB#0	-29.60	PASS
Band2	5MHz	16QAM	19175	1RB#24	-23.23	PASS
Band2	5MHz	16QAM	19175	25RB#0	-29.54	PASS
Band2	10MHz	QPSK	18650	1RB#0	-30.76	PASS
Band2	10MHz	QPSK	18650	50RB#0	-32.52	PASS
Band2	10MHz	QPSK	19150	1RB#49	-32.77	PASS
Band2	10MHz	QPSK	19150	50RB#0	-31.93	PASS
Band2	10MHz	64QAM	18650	1RB#0	-32.85	PASS
Band2	10MHz	64QAM	18650	50RB#0	-33.68	PASS
Band2	10MHz	64QAM	19150	1RB#49	-33.97	PASS
Band2	10MHz	64QAM	19150	50RB#0	-32.89	PASS
Band2	10MHz	16QAM	18650	1RB#0	-30.98	PASS
Band2	10MHz	16QAM	18650	50RB#0	-33.12	PASS
Band2	10MHz	16QAM	19150	1RB#49	-33.78	PASS
Band2	10MHz	16QAM	19150	50RB#0	-32.44	PASS
Band2	15MHz	QPSK	18675	1RB#0	-26.40	PASS
Band2	15MHz	QPSK	18675	75RB#0	-32.84	PASS
Band2	15MHz	QPSK	19125	1RB#74	-27.37	PASS
Band2	15MHz	QPSK	19125	75RB#0	-32.47	PASS
Band2	15MHz	64QAM	18675	1RB#0	-27.70	PASS
Band2	15MHz	64QAM	18675	75RB#0	-33.48	PASS
Band2	15MHz	64QAM	19125	1RB#74	-28.17	PASS
Band2	15MHz	64QAM	19125	75RB#0	-33.12	PASS
Band2	15MHz	16QAM	18675	1RB#0	-27.09	PASS
Band2	15MHz	16QAM	18675	75RB#0	-32.88	PASS
Band2	15MHz	16QAM	19125	1RB#74	-27.40	PASS
Band2	15MHz	16QAM	19125	75RB#0	-32.44	PASS
Band2	20MHz	QPSK	18700	1RB#0	-27.97	PASS
Band2	20MHz	QPSK	18700	100RB#0	-34.23	PASS
Band2	20MHz	QPSK	19100	1RB#99	-29.25	PASS
Band2	20MHz	QPSK	19100	100RB#0	-32.34	PASS
Band2	20MHz	64QAM	18700	1RB#0	-29.42	PASS
Band2	20MHz	64QAM	18700	100RB#0	-33.92	PASS
Band2	20MHz	64QAM	19100	1RB#99	-30.42	PASS
Band2	20MHz	64QAM	19100	100RB#0	-33.59	PASS
Band2	20MHz	16QAM	18700	1RB#0	-27.77	PASS
Band2	20MHz	16QAM	18700	100RB#0	-33.80	PASS



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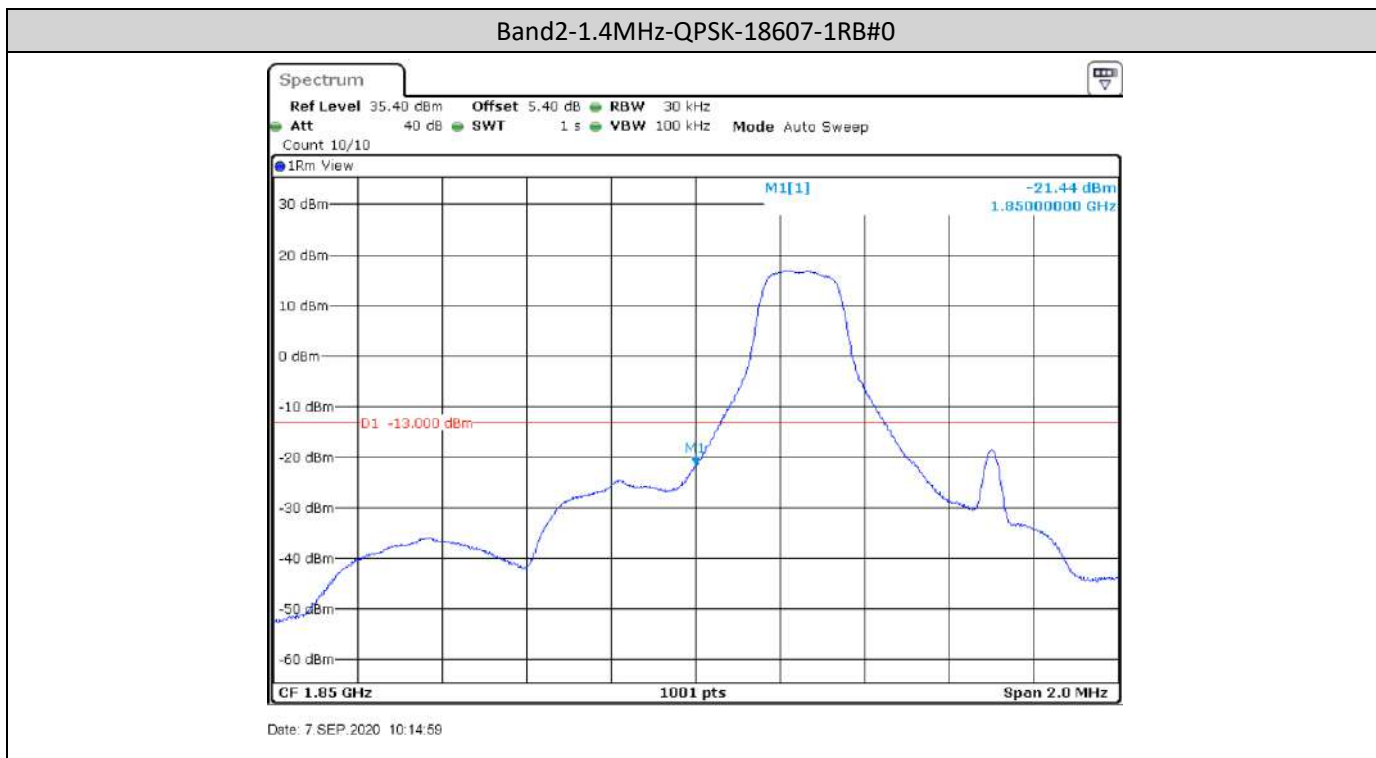
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Band2	20MHz	16QAM	19100	1RB#99	-30.70	PASS
Band2	20MHz	16QAM	19100	100RB#0	-32.78	PASS

5.2. Test Plots



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



Date: 7 SEP.2020 10:17:51

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

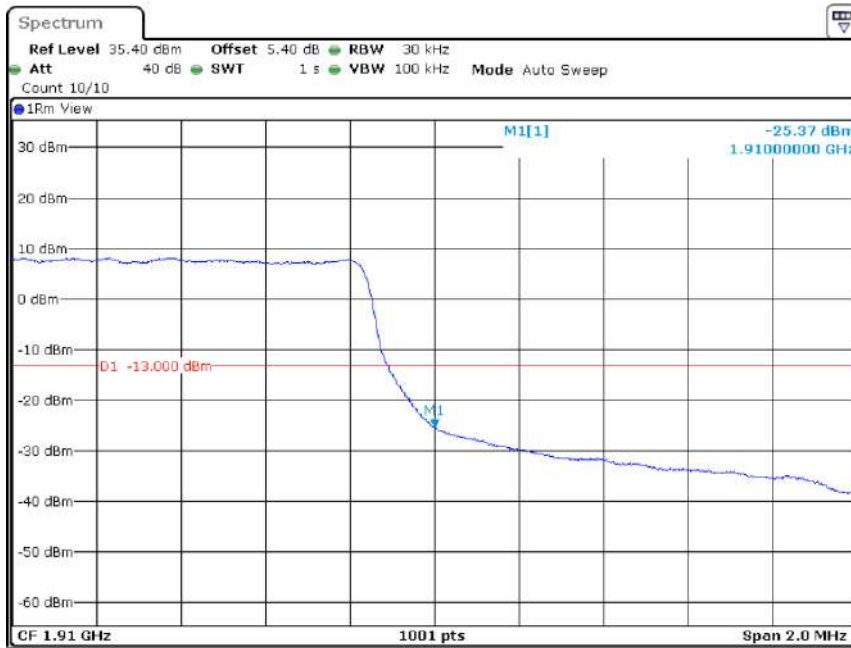


Date: 7 SEP.2020 10:16:25



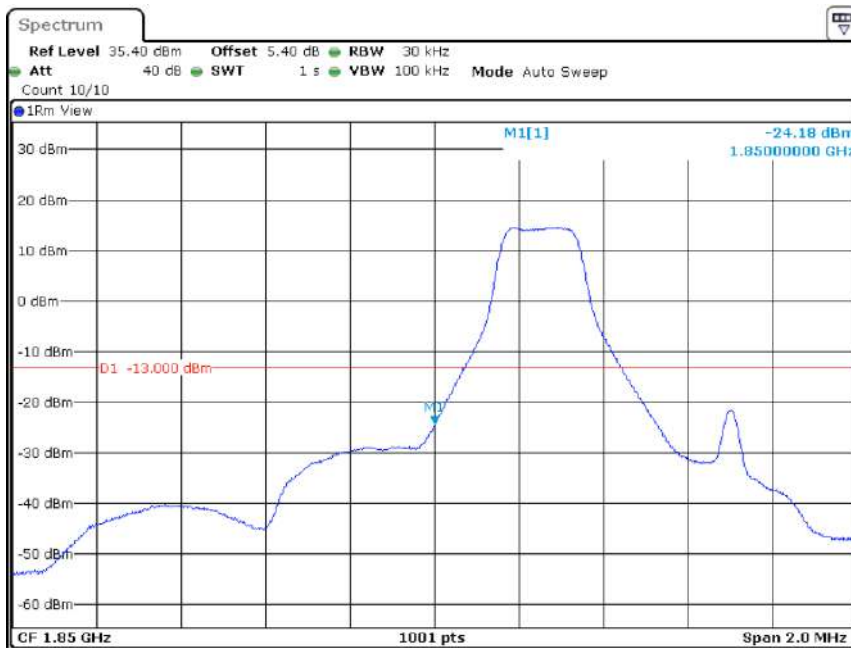
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Band2-1.4MHz-QPSK-19193-6RB#0



Date: 7 SEP.2020 10:18:32

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

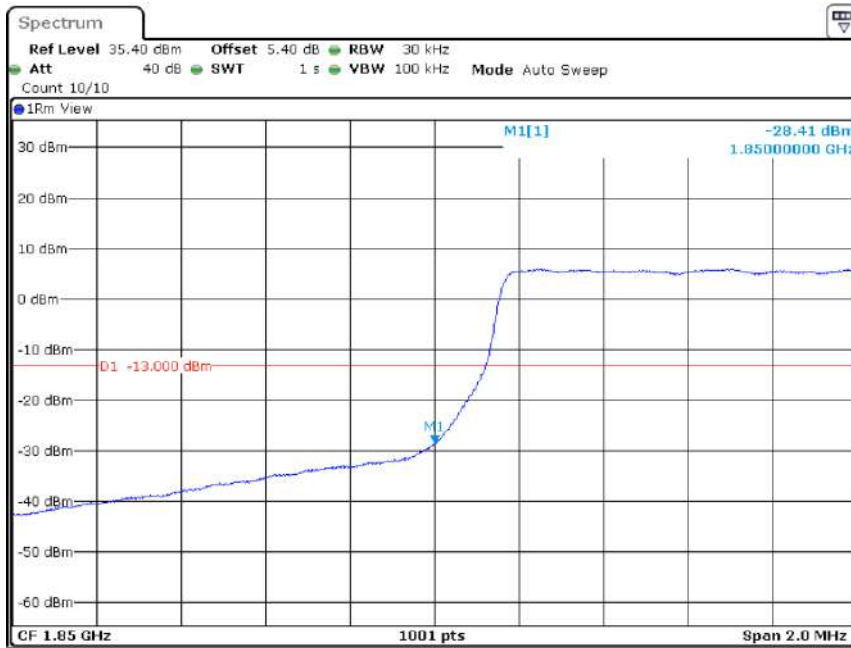


Date: 7 SEP.2020 12:12:49



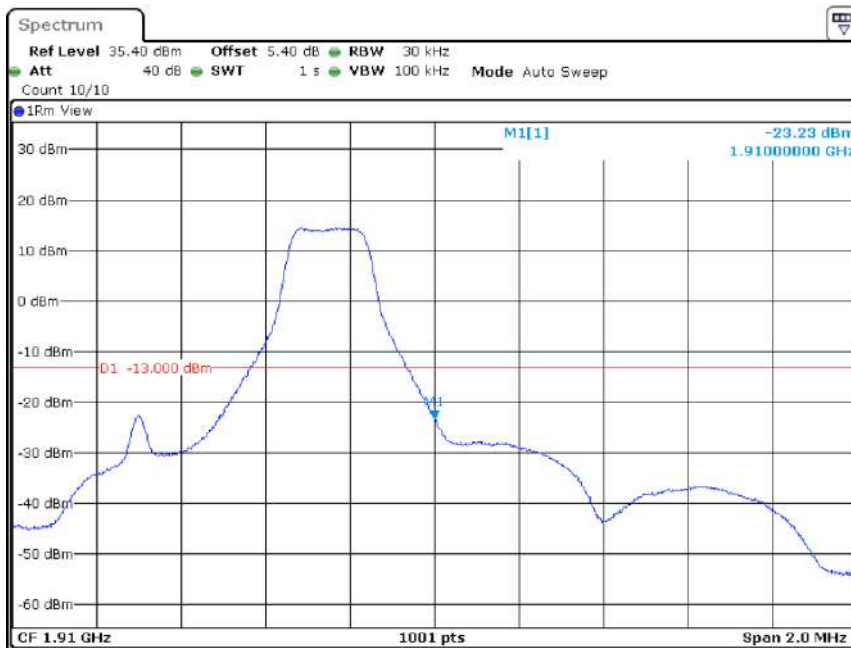
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Band2-1.4MHz-64QAM-18607-6RB#0



Date: 7 SEP.2020 12:14:21

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



Date: 7 SEP.2020 12:13:35



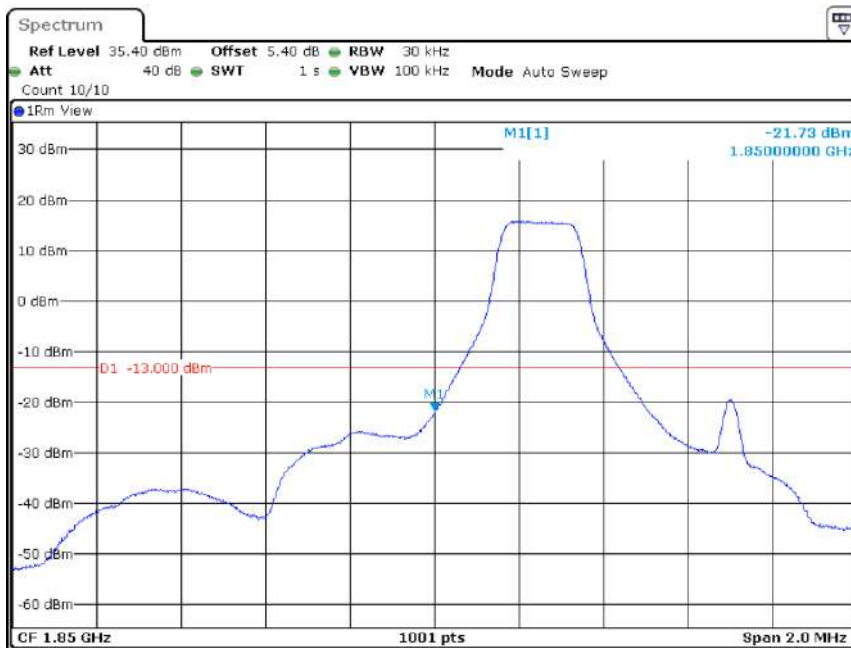
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Band2-1.4MHz-64QAM-19193-6RB#0



Date: 7 SEP.2020 12:14:42

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

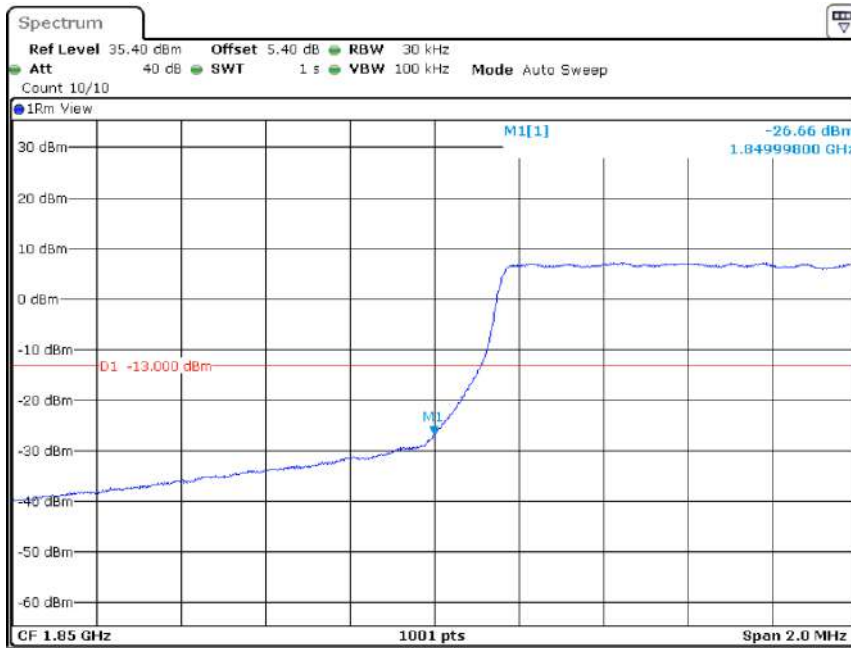


Date: 7 SEP.2020 10:15:20



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



Date: 7 SEP.2020 10:18:12

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

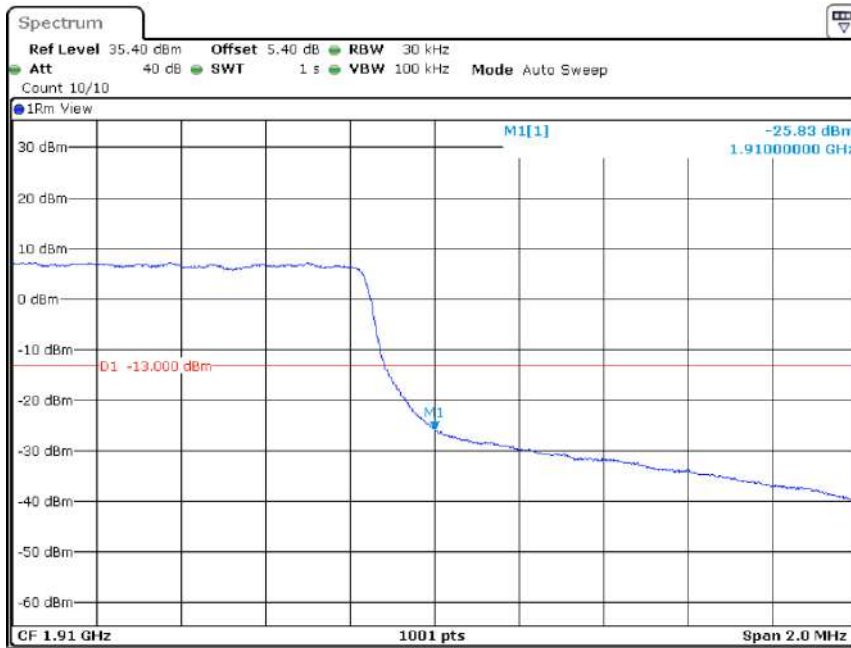


Date: 7 SEP.2020 10:16:46



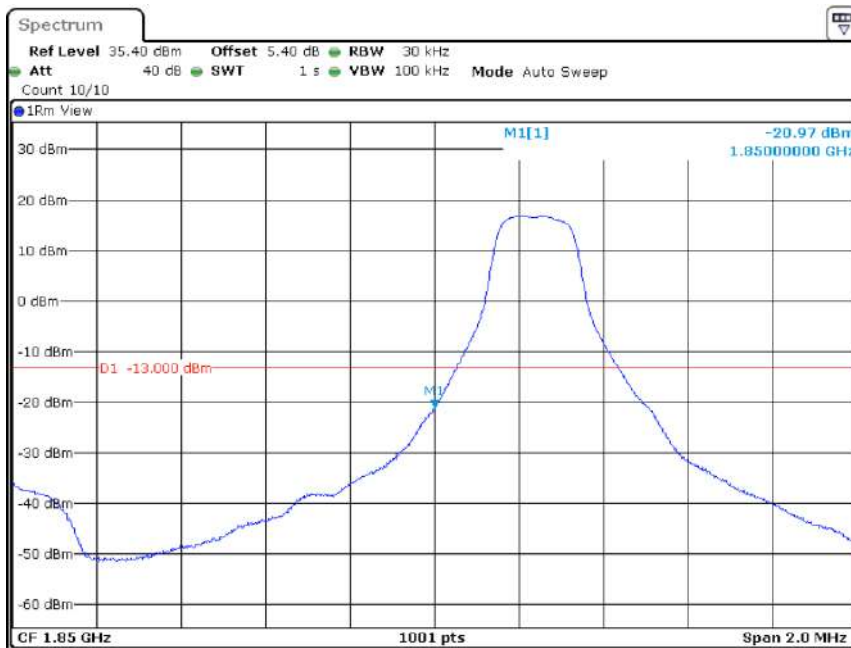
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Band2-1.4MHz-16QAM-19193-6RB#0



Date: 7 SEP.2020 10:18:53

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

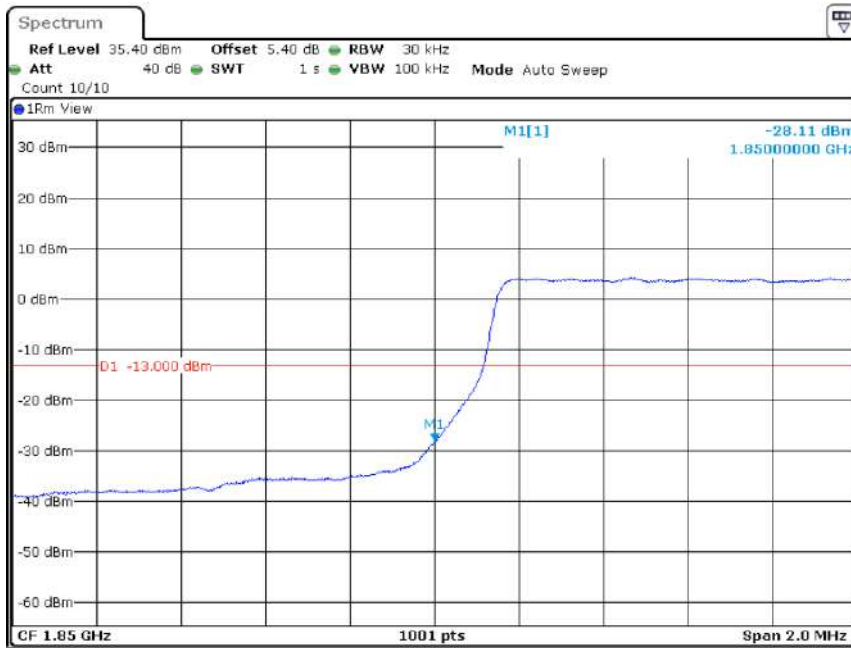


Date: 7 SEP.2020 10:19:19



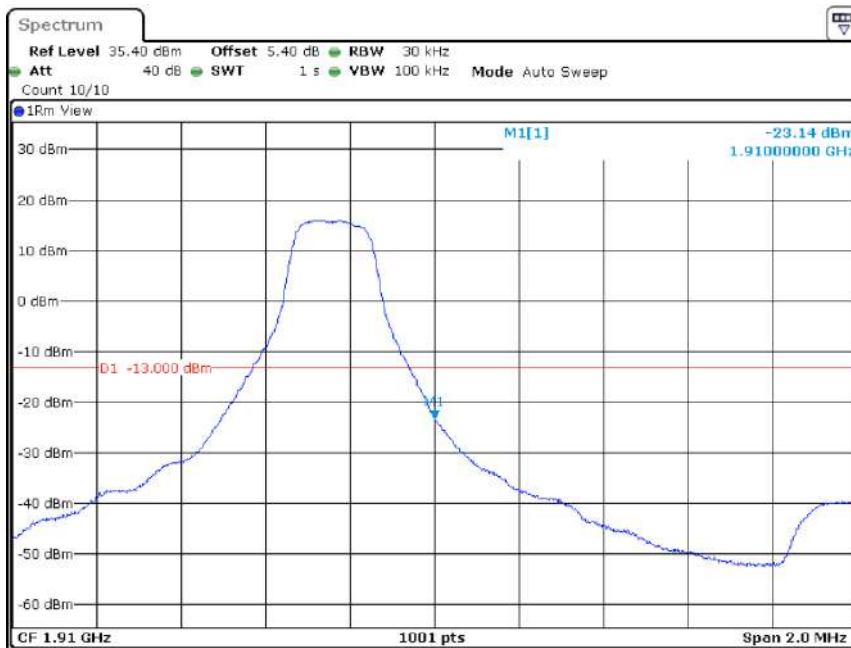
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Band2-3MHz-QPSK-18615-15RB#0



Date: 7 SEP.2020 10:22:12

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



Date: 7 SEP.2020 10:20:45



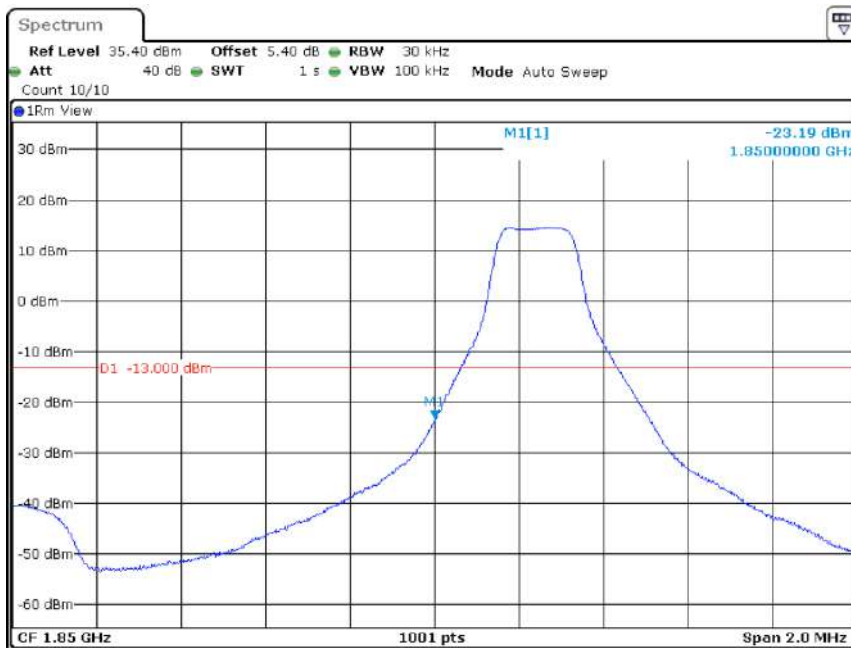
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Band2-3MHz-QPSK-19185-15RB#0



Date: 7 SEP.2020 10:22:54

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

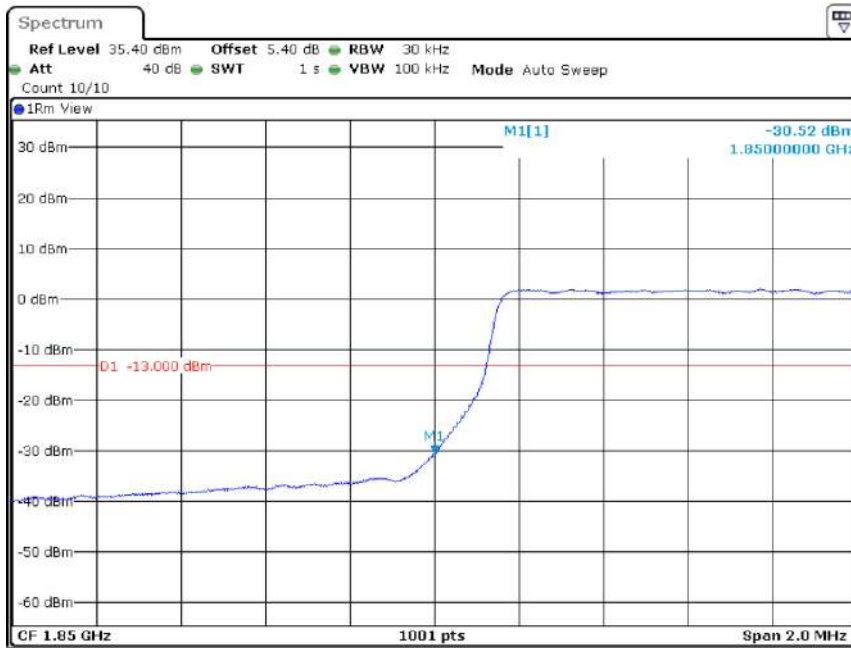


Date: 7 SEP.2020 12:15:11



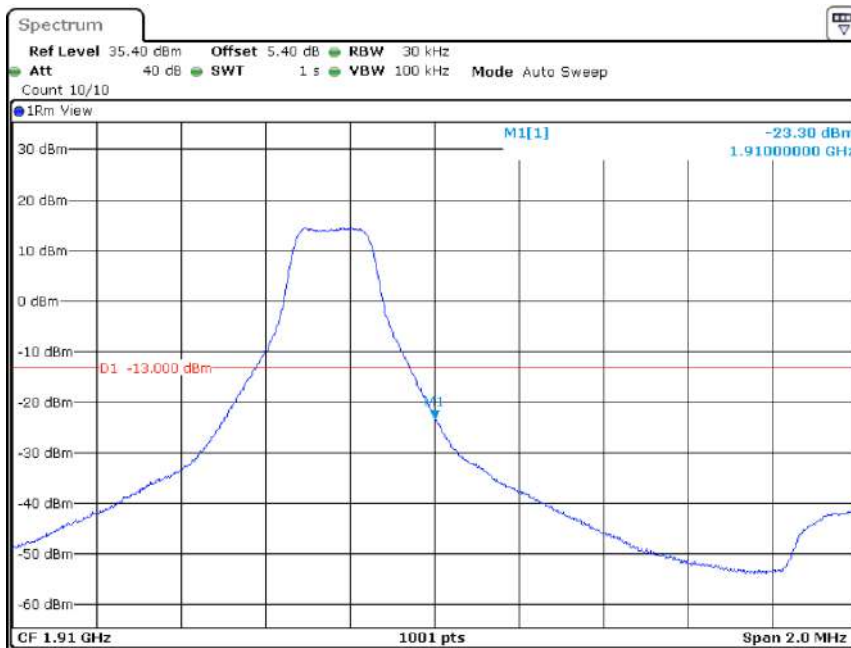
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Band2-3MHz-64QAM-18615-15RB#0



Date: 7 SEP.2020 12:16:44

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

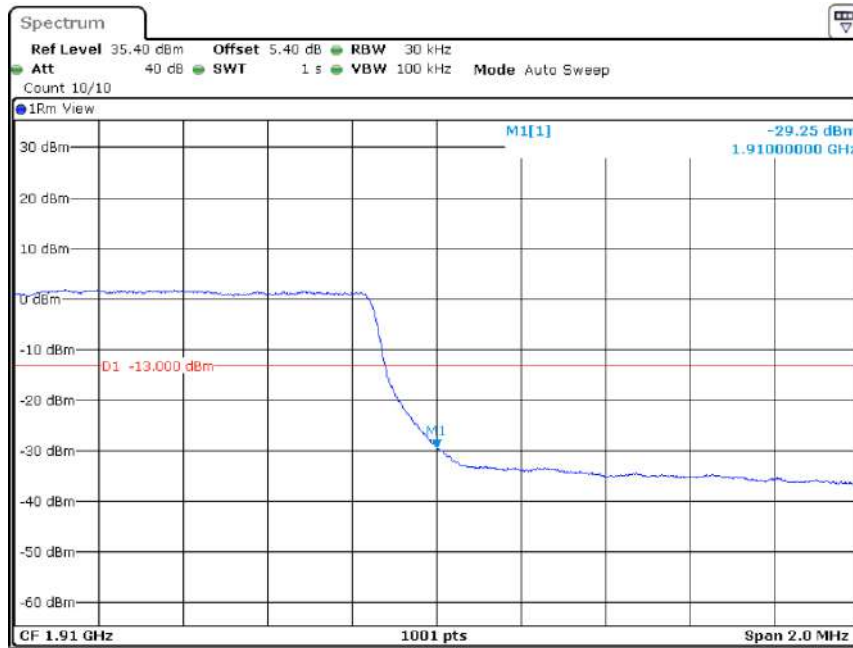


Date: 7 SEP.2020 12:15:58



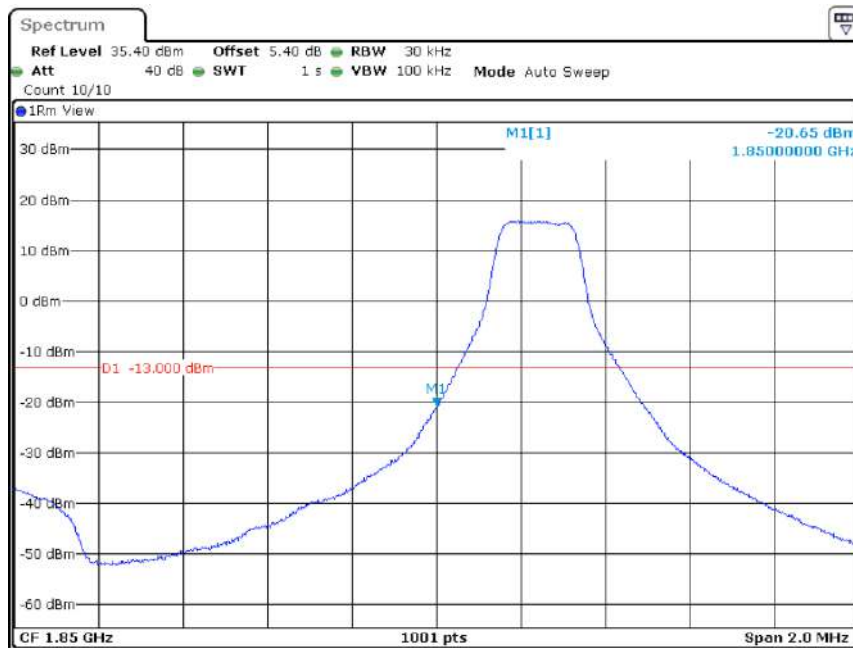
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Band2-3MHz-64QAM-19185-15RB#0



Date: 7 SEP.2020 12:17:05

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

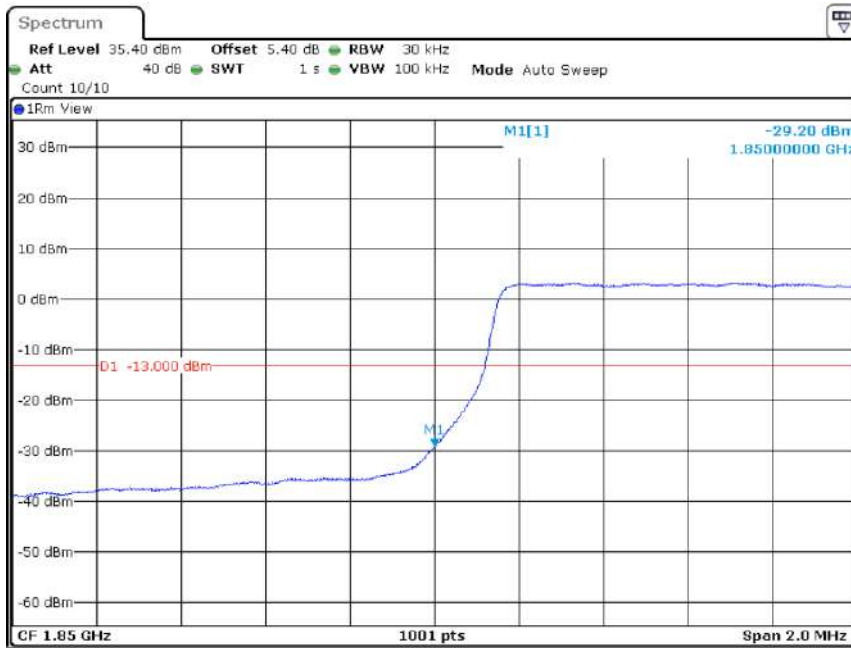


Date: 7 SEP.2020 10:19:39



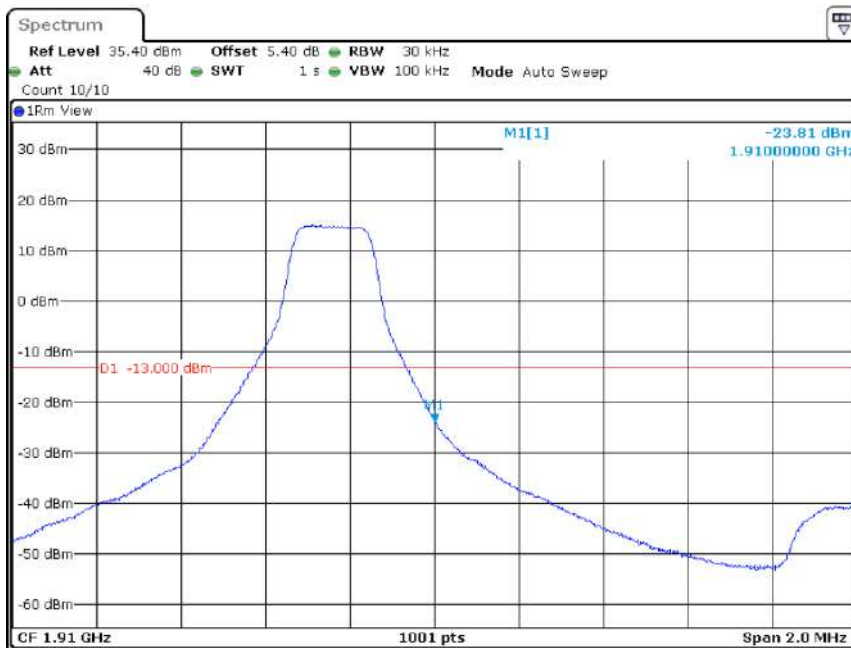
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Band2-3MHz-16QAM-18615-15RB#0



Date: 7 SEP.2020 10:22:32

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



Date: 7 SEP.2020 10:21:06



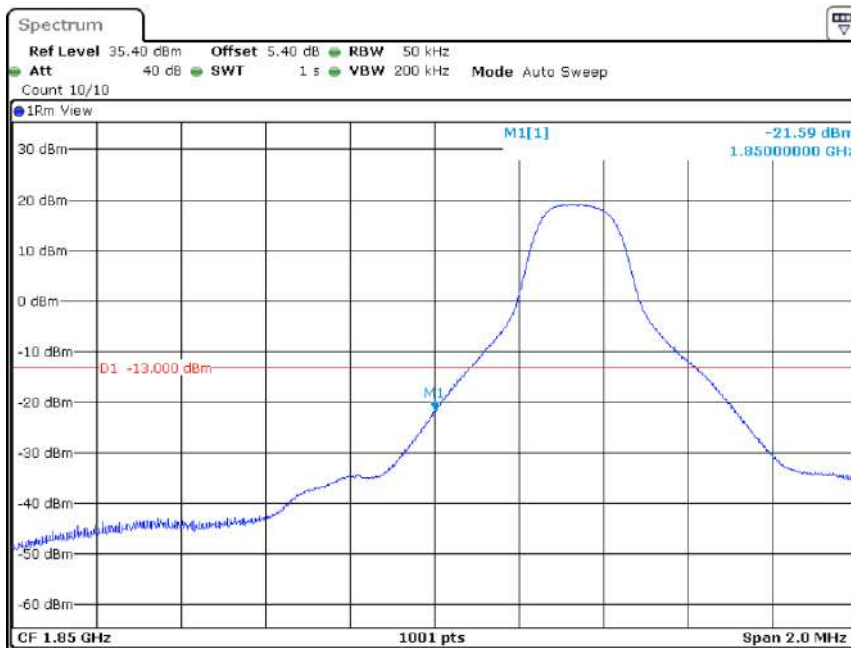
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Band2-3MHz-16QAM-19185-15RB#0



Date: 7 SEP.2020 10:23:14

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

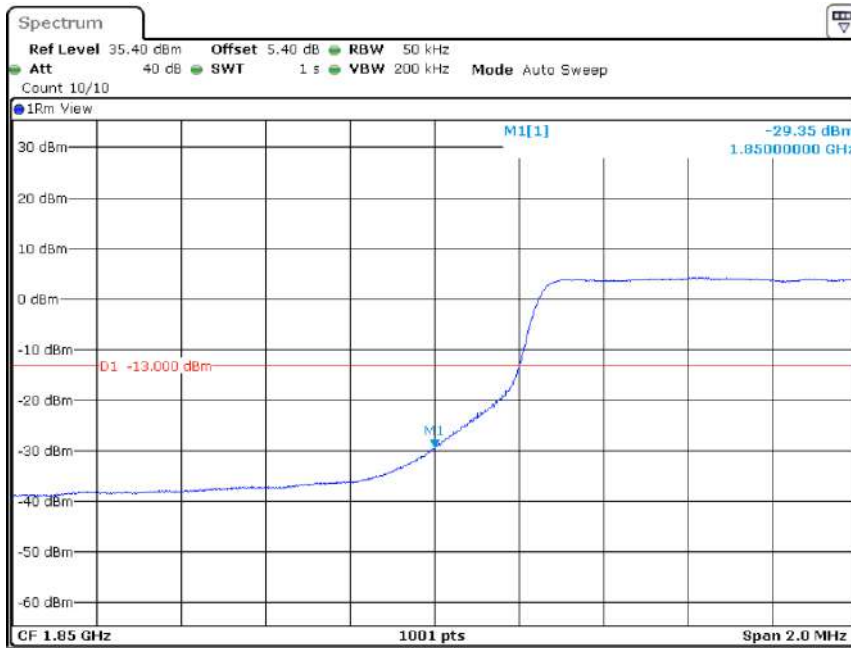


Date: 7 SEP.2020 10:23:41



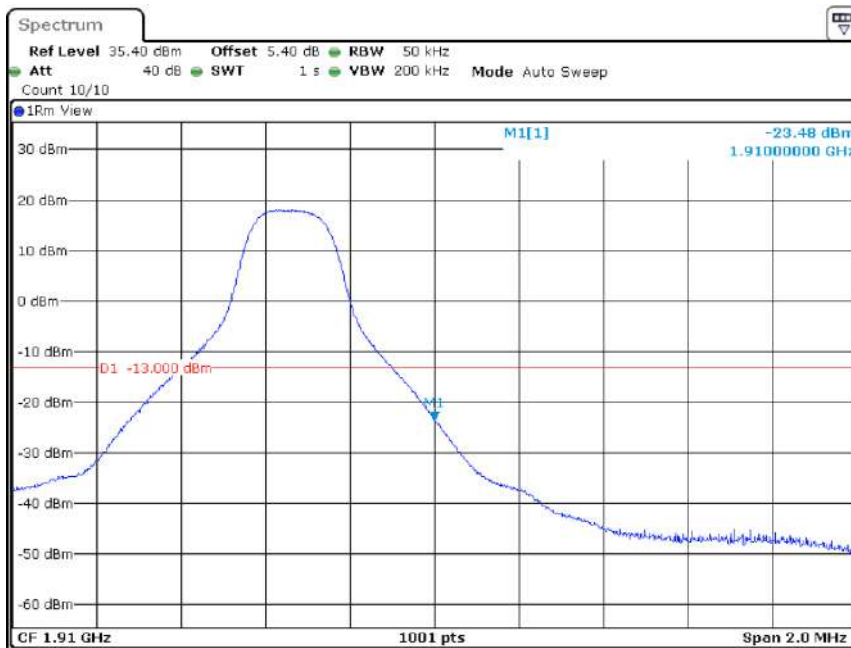
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Band2-5MHz-QPSK-18625-25RB#0



Date: 7 SEP.2020 10:26:35

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

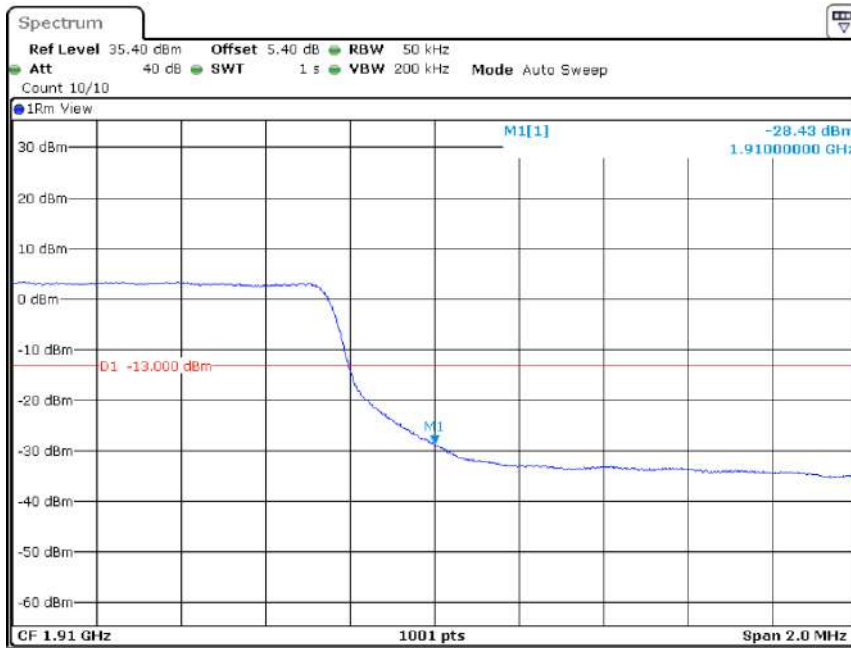


Date: 7 SEP.2020 10:26:08



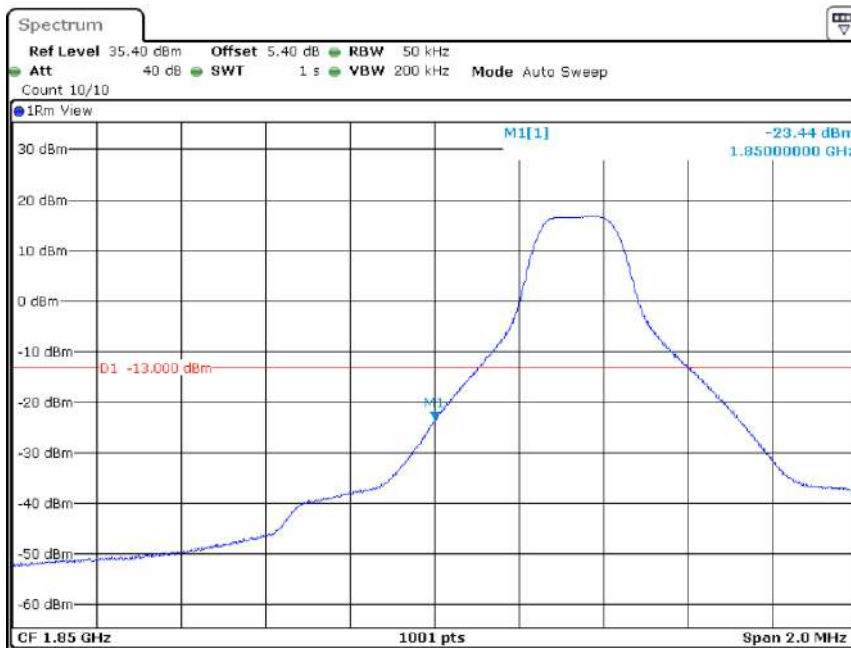
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Band2-5MHz-QPSK-19175-25RB#0



Date: 7 SEP.2020 10:27:16

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

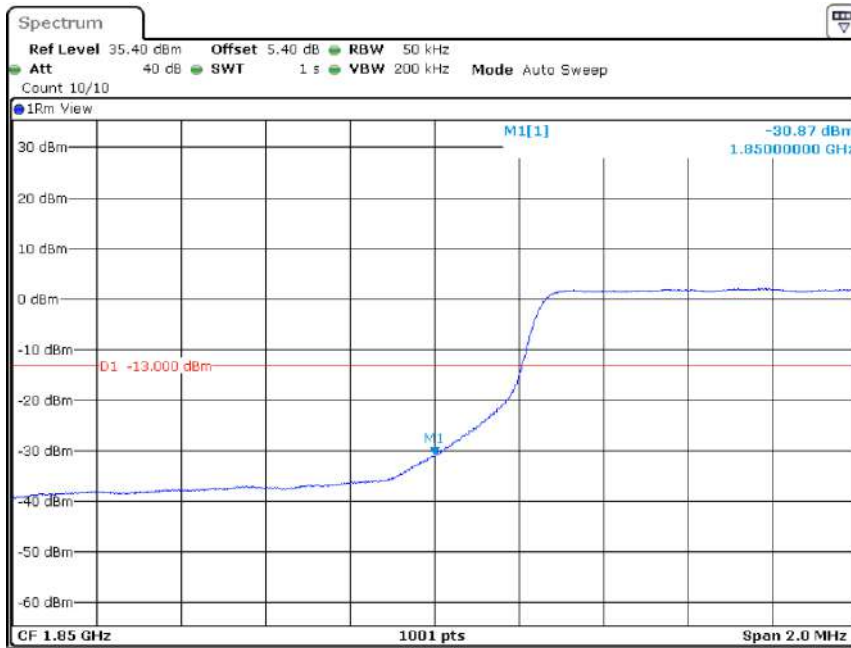


Date: 7 SEP.2020 12:17:36



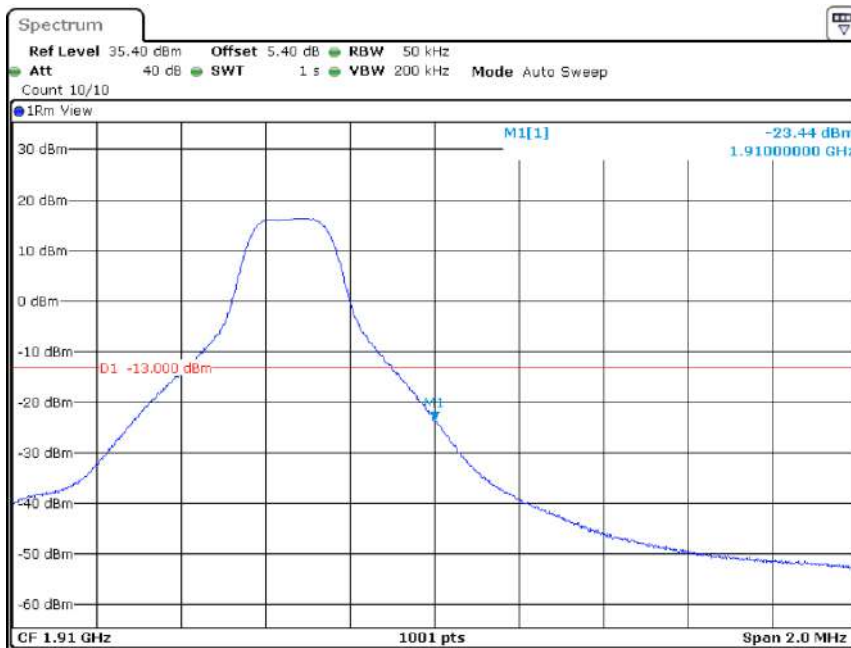
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Band2-5MHz-64QAM-18625-25RB#0



Date: 7 SEP.2020 12:19:10

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

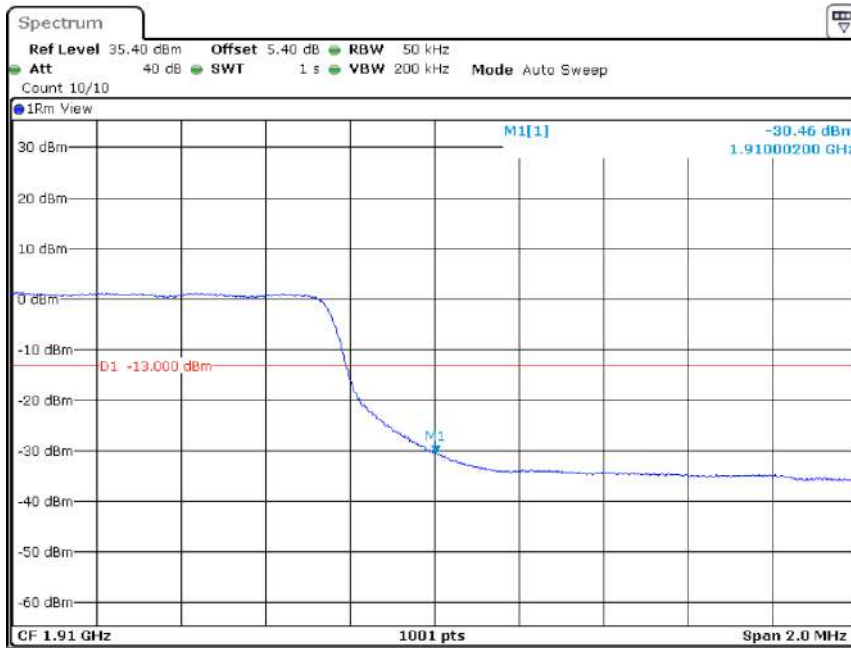


Date: 7 SEP.2020 12:18:24



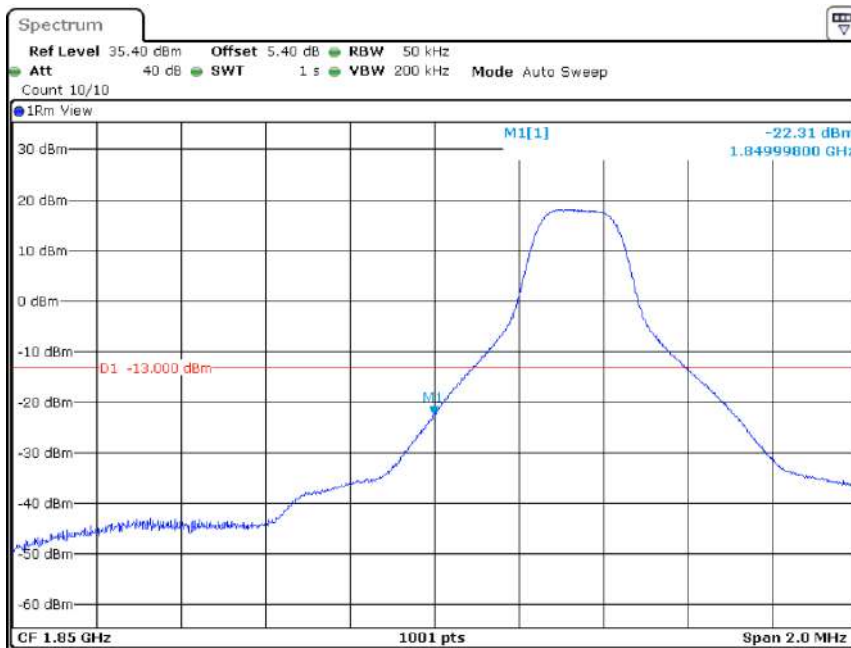
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Band2-5MHz-64QAM-19175-25RB#0



Date: 7 SEP.2020 12:19:31

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



Date: 7 SEP.2020 10:24:01



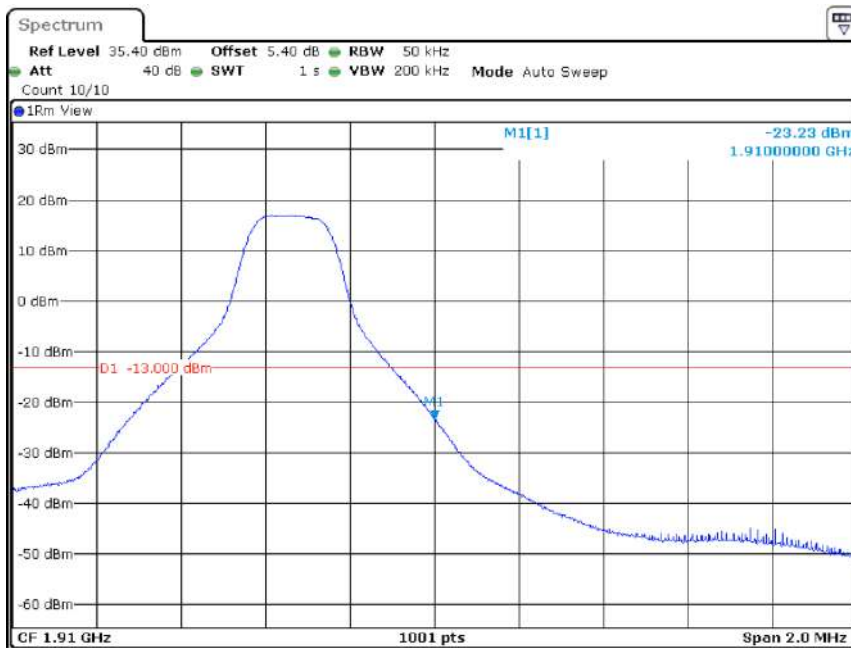
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Band2-5MHz-16QAM-18625-25RB#0



Date: 7 SEP.2020 10:26:55

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



Date: 7 SEP.2020 10:26:29



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



Date: 7 SEP.2020 10:27:36

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



Date: 7 SEP.2020 10:28:03



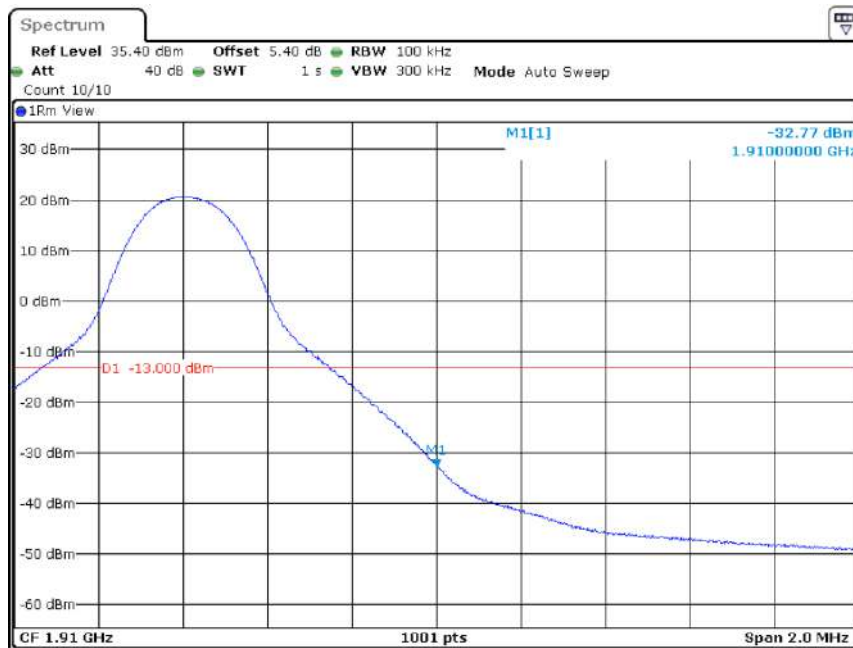
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Band2-10MHz-QPSK-18650-50RB#0



Date: 7 SEP.2020 10:30:55

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

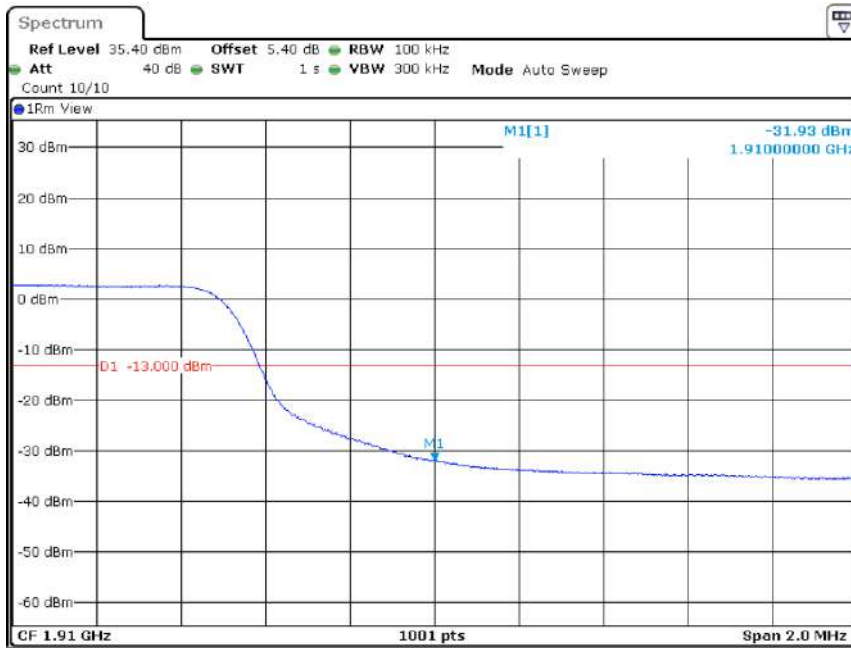


Date: 7 SEP.2020 10:29:29



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



Date: 7 SEP.2020 10:31:37

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



Date: 7 SEP.2020 12:19:59



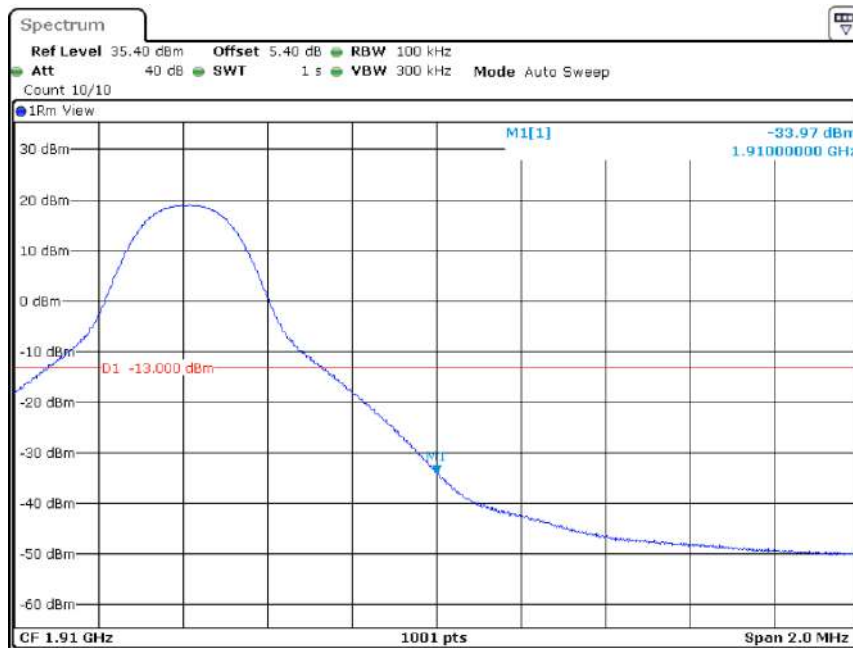
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Band2-10MHz-64QAM-18650-50RB#0



Date: 7 SEP.2020 12:21:34

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



Date: 7 SEP.2020 12:20:47



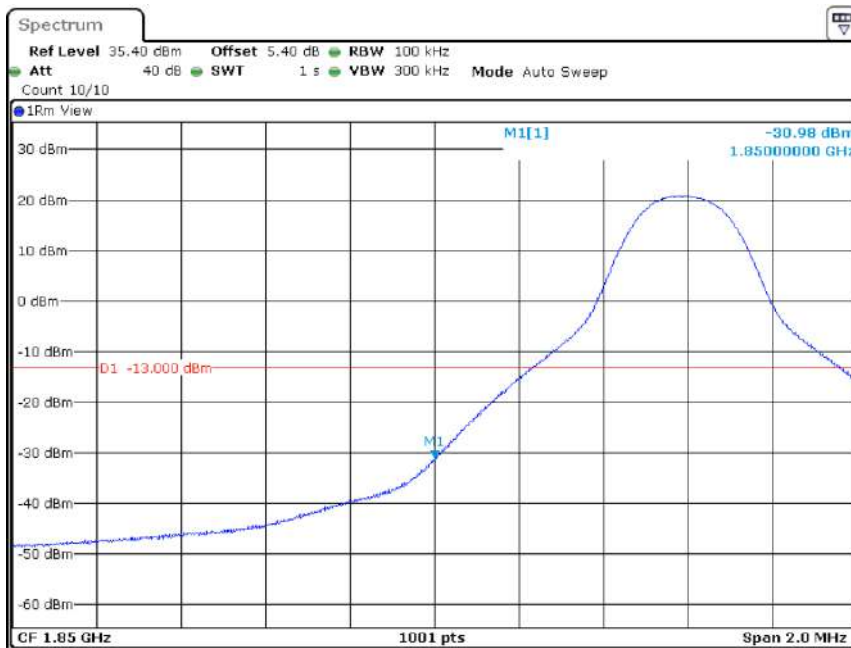
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Band2-10MHz-64QAM-19150-50RB#0



Date: 7 SEP.2020 12:21:55

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



Date: 7 SEP.2020 10:28:23



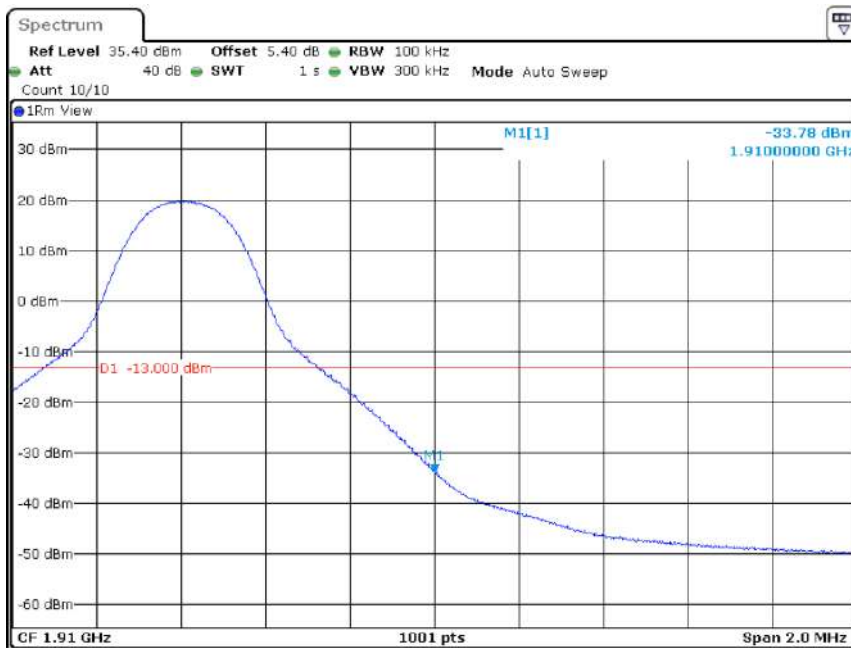
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Band2-10MHz-16QAM-18650-50RB#0



Date: 7 SEP.2020 10:31:16

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

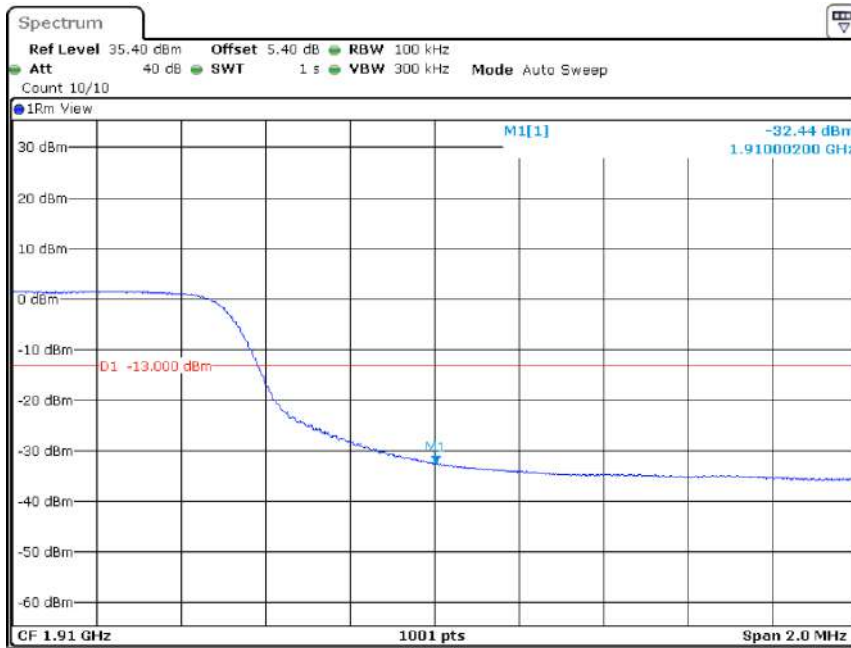


Date: 7 SEP.2020 10:29:50



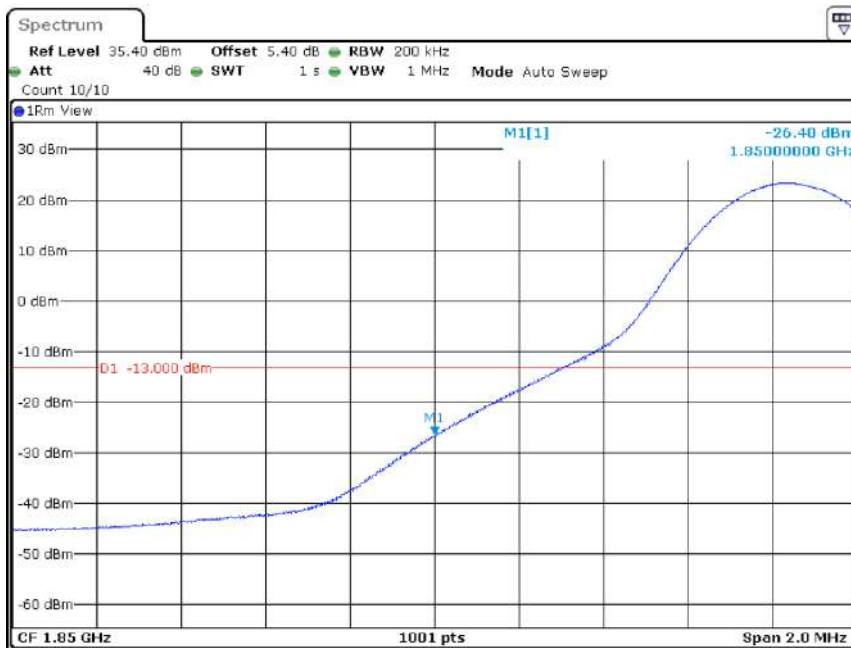
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Band2-10MHz-16QAM-19150-50RB#0



Date: 7 SEP.2020 10:31:57

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

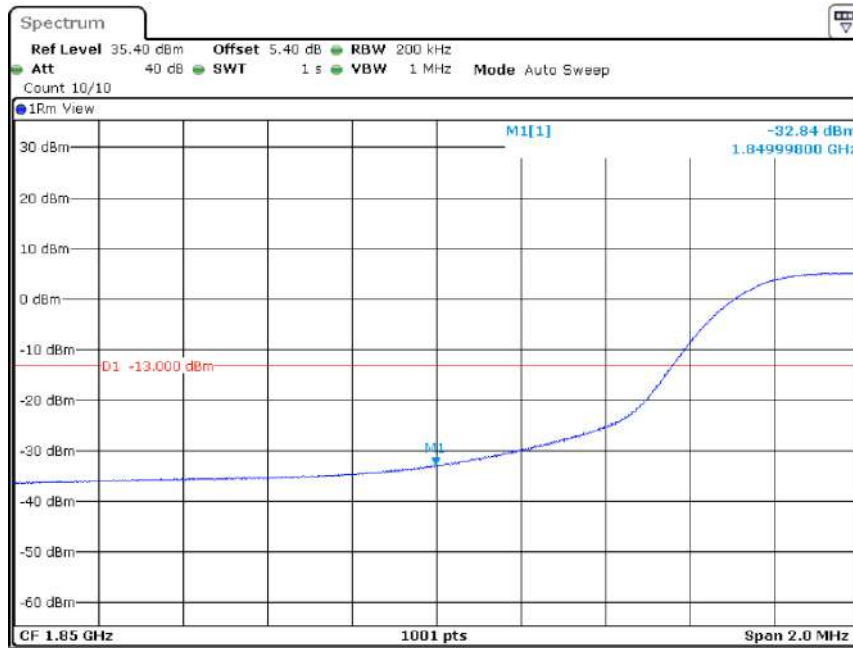


Date: 7 SEP.2020 10:32:24



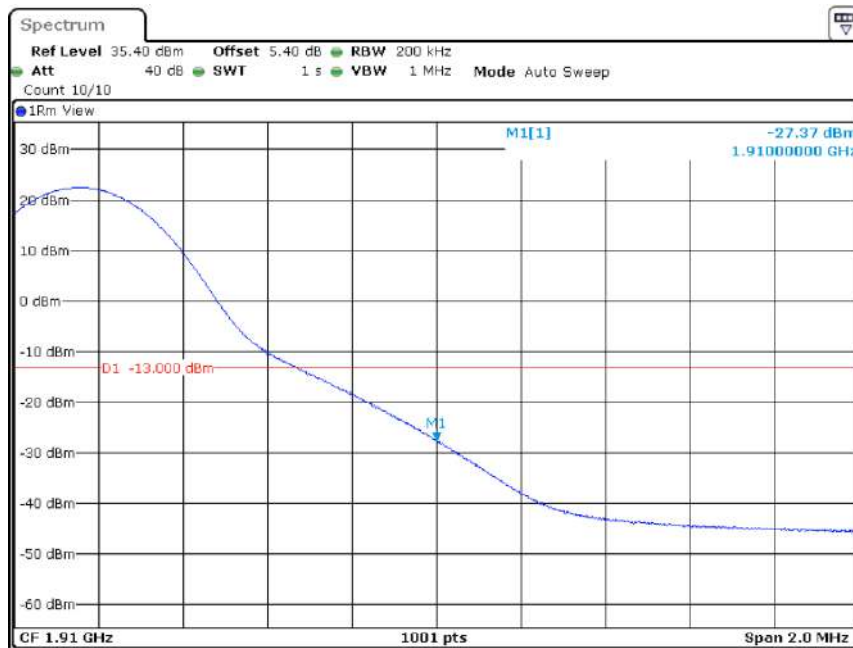
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Band2-15MHz-QPSK-18675-75RB#0



Date: 7 SEP.2020 10:35:16

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



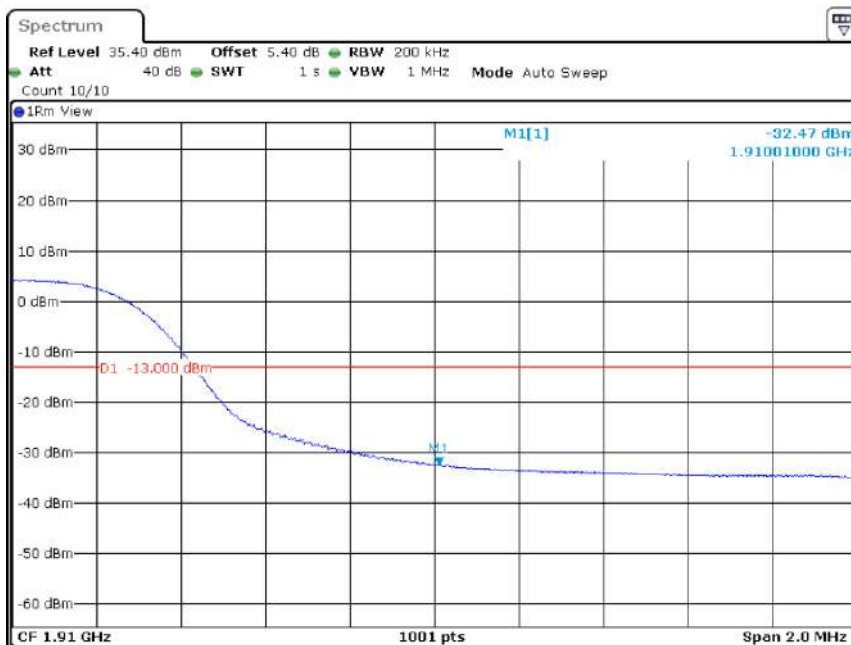
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Band2-15MHz-QPSK-19125-75RB#0



Date: 7 SEP.2020 10:35:59

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

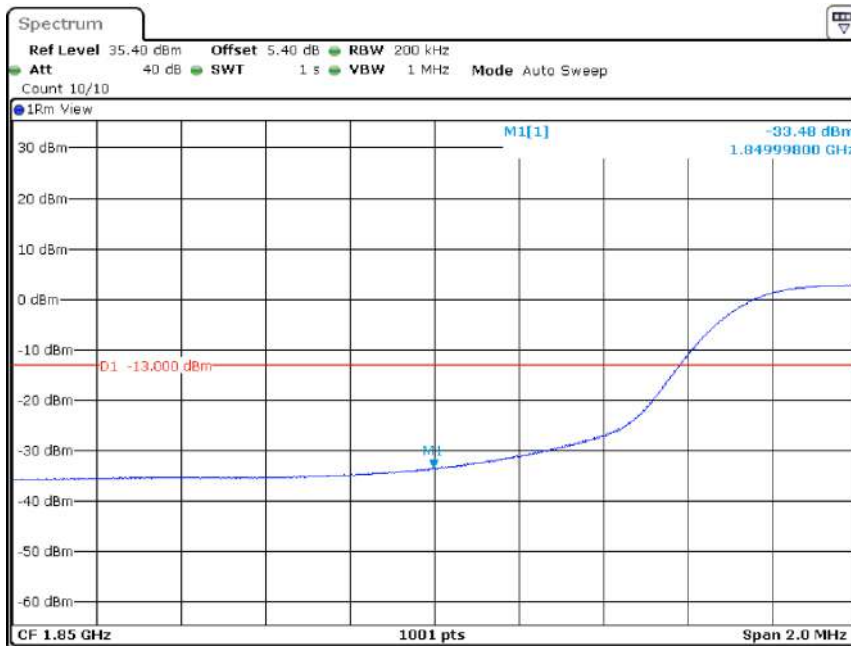


Date: 7 SEP.2020 12:22:22



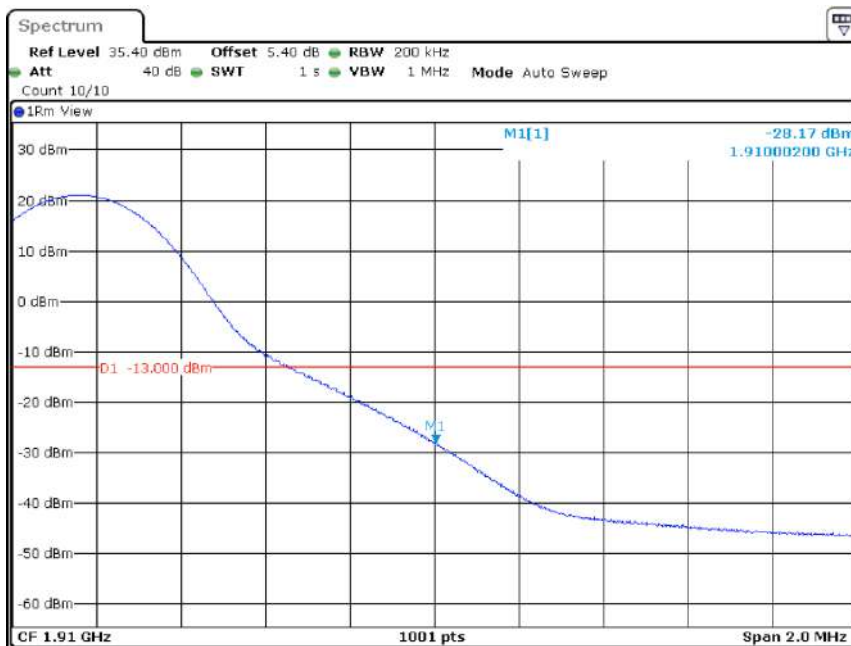
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Band2-15MHz-64QAM-18675-75RB#0



Date: 7 SEP.2020 12:23:55

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

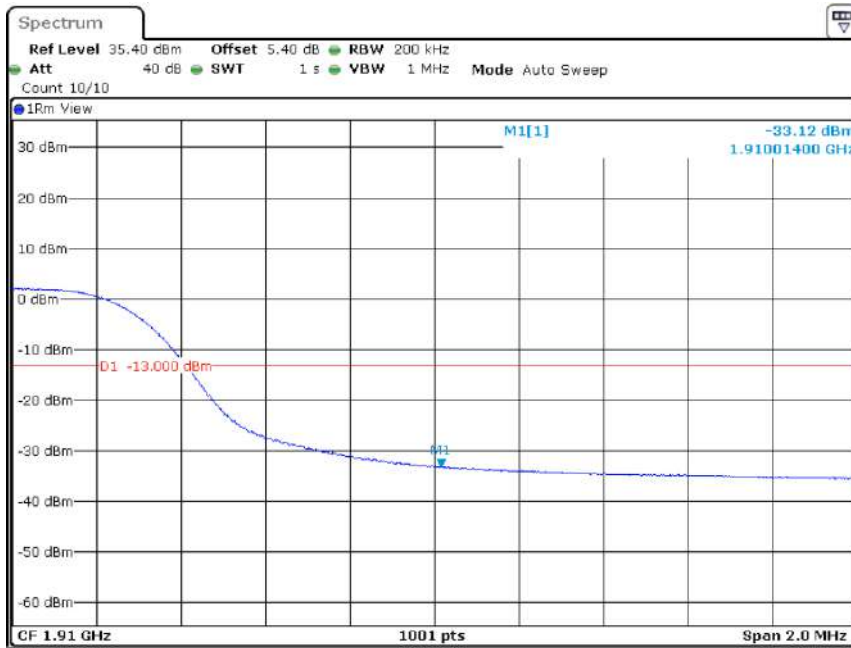


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Band2-15MHz-64QAM-19125-75RB#0



Date: 7 SEP.2020 12:24:16

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

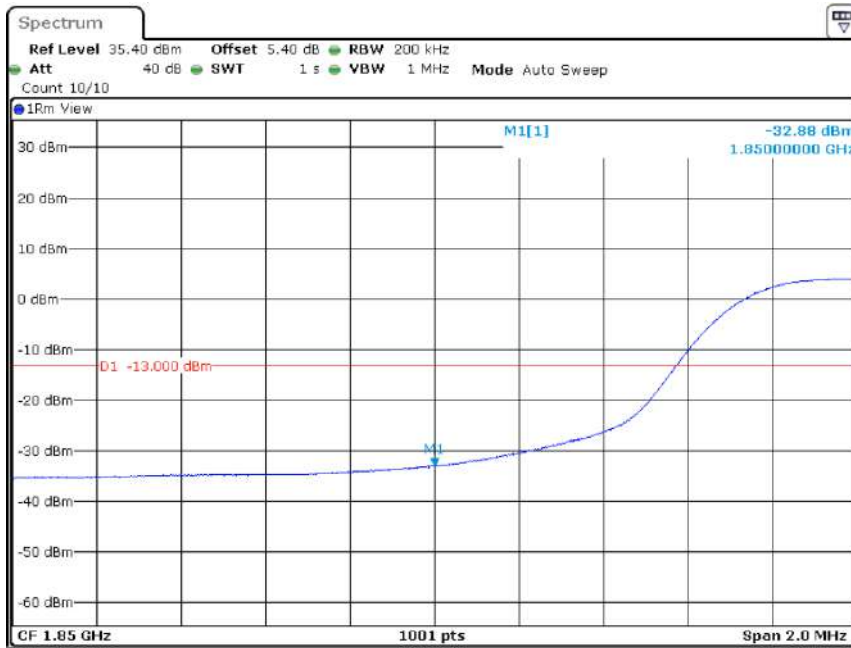


Date: 7 SEP.2020 10:32:44



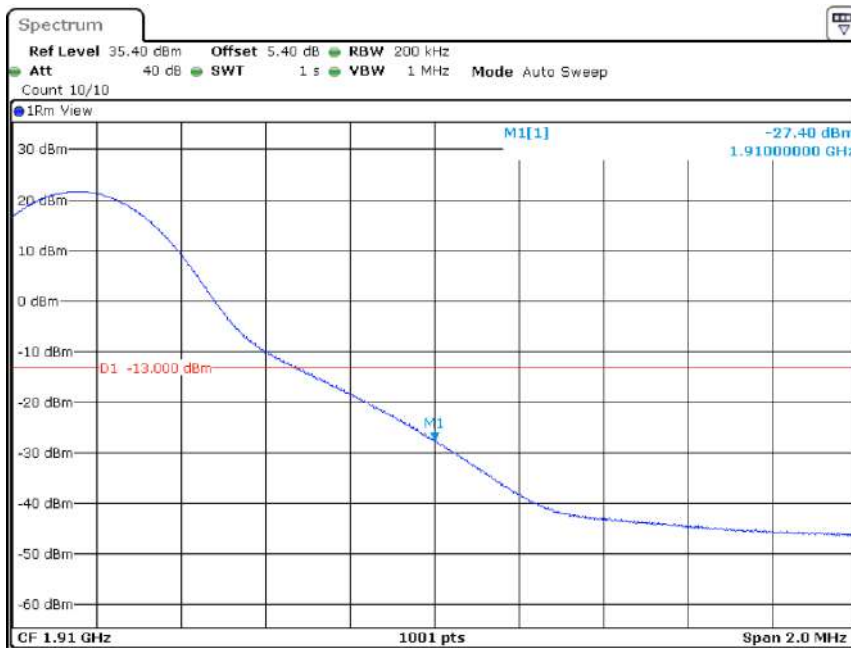
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Band2-15MHz-16QAM-18675-75RB#0



Date: 7 SEP.2020 10:35:38

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



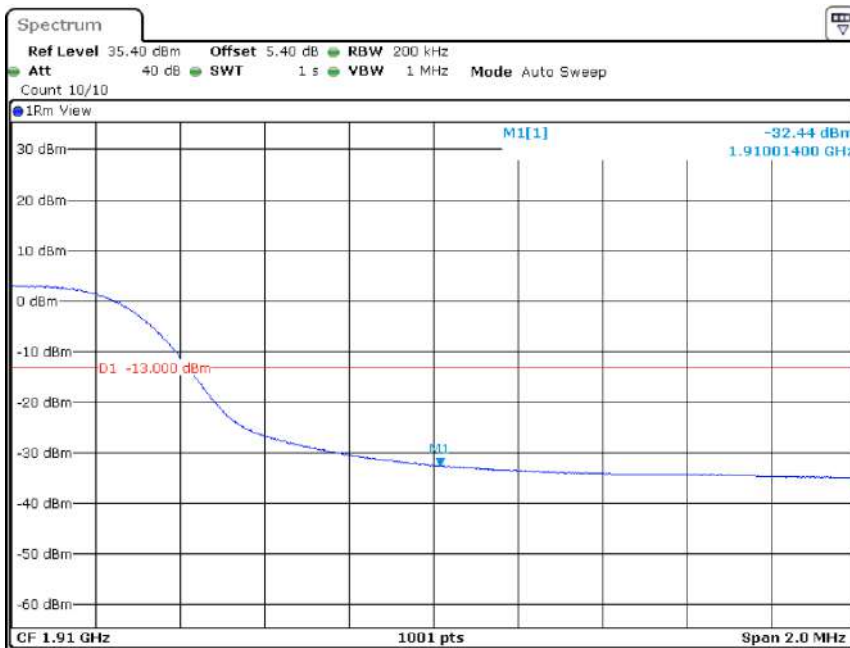
Date: 7 SEP.2020 10:34:10



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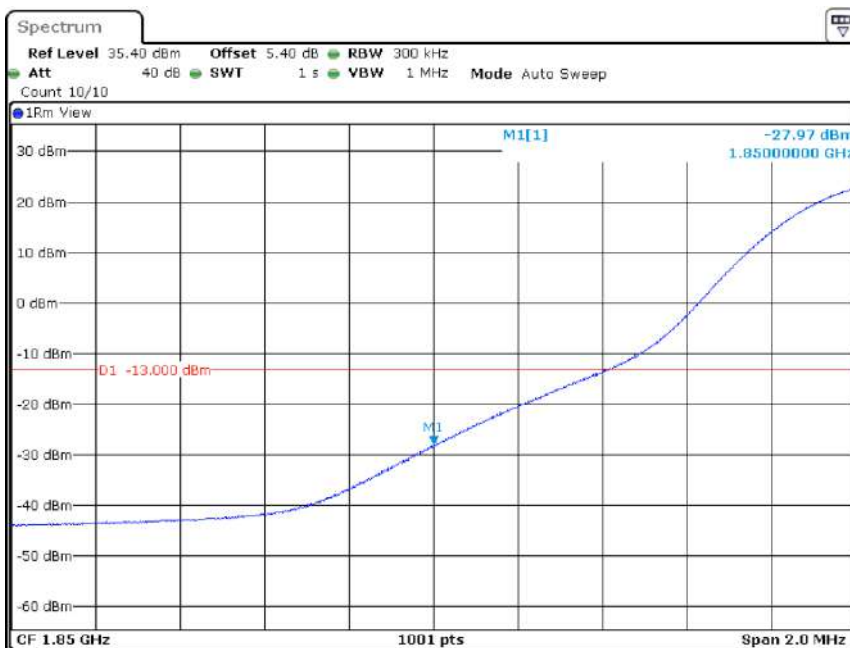


Band2-15MHz-16QAM-19125-75RB#0



Date: 7 SEP.2020 10:36:19

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

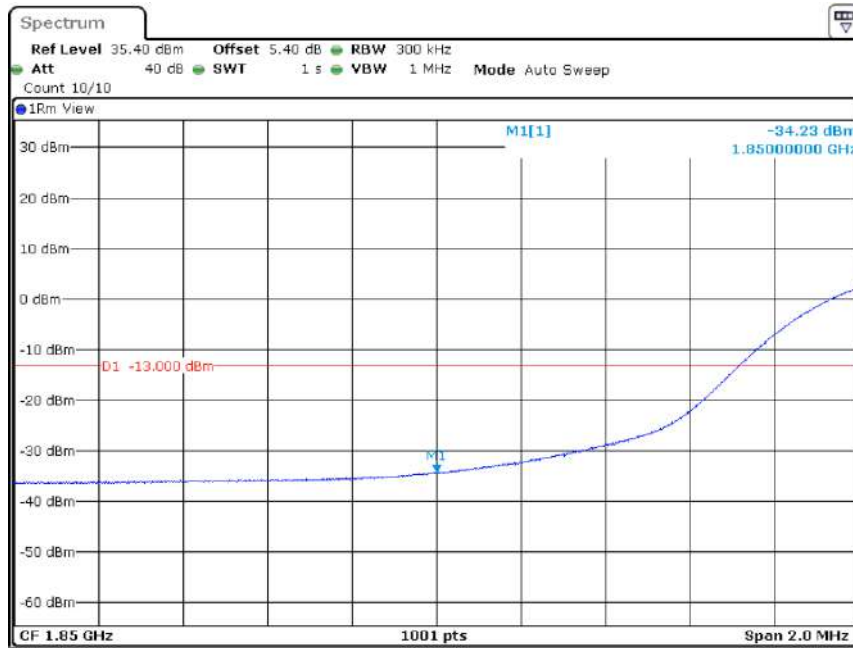


Date: 7 SEP.2020 10:36:45



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



Date: 7 SEP.2020 10:39:40

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



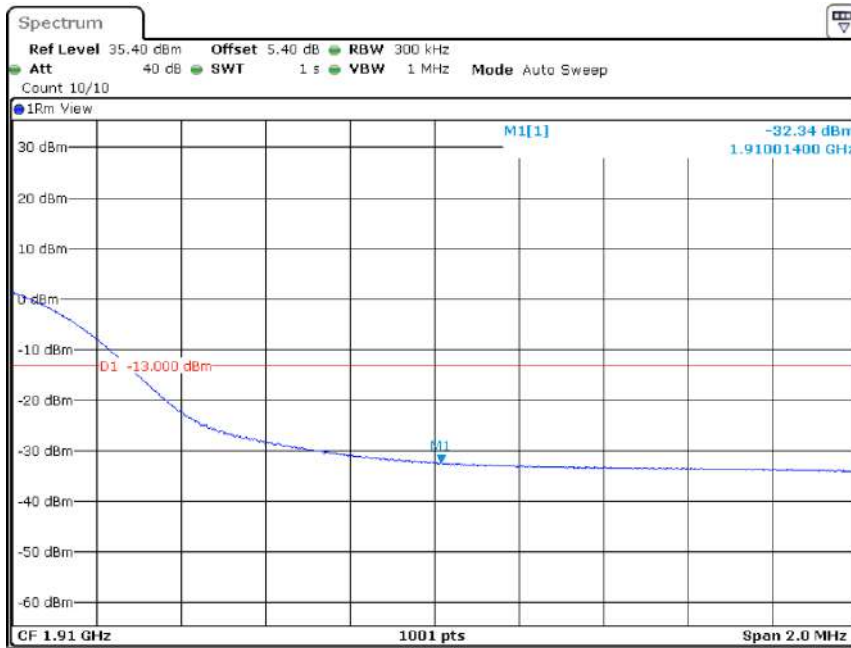
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Band2-20MHz-QPSK-19100-100RB#0



Date: 7 SEP.2020 10:40:21

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

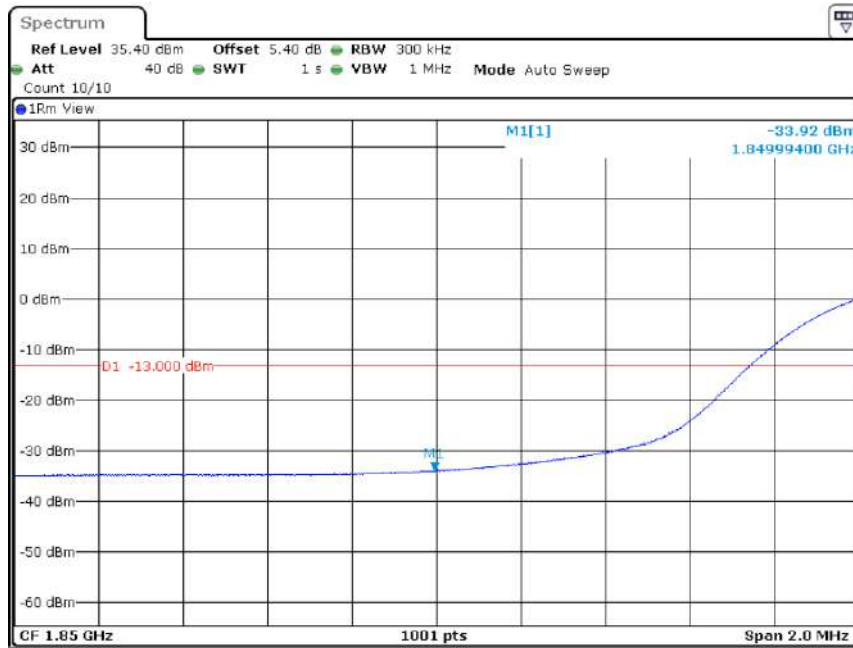


Date: 7 SEP.2020 12:24:43



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



Date: 7 SEP.2020 12:26:17

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

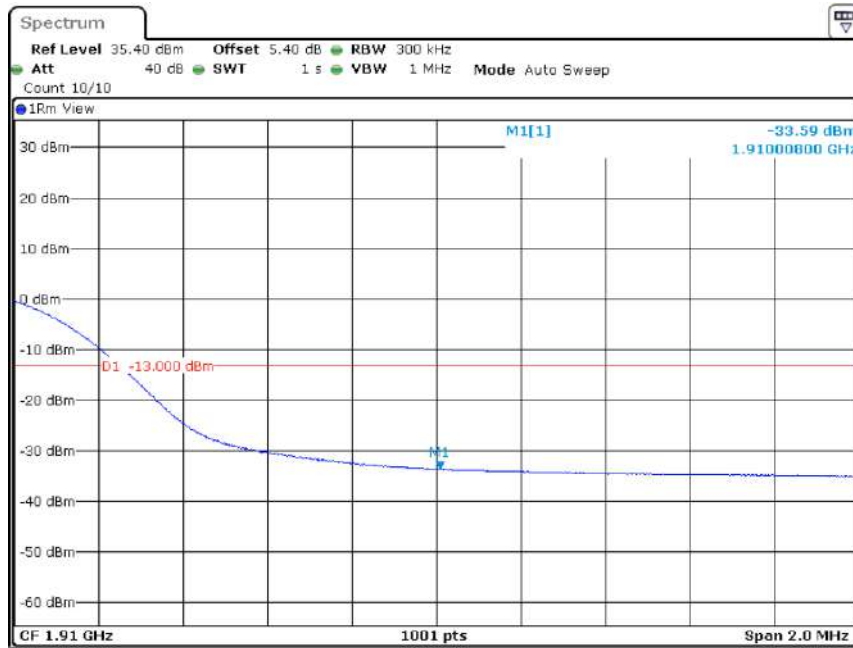


Date: 7 SEP.2020 12:26:30



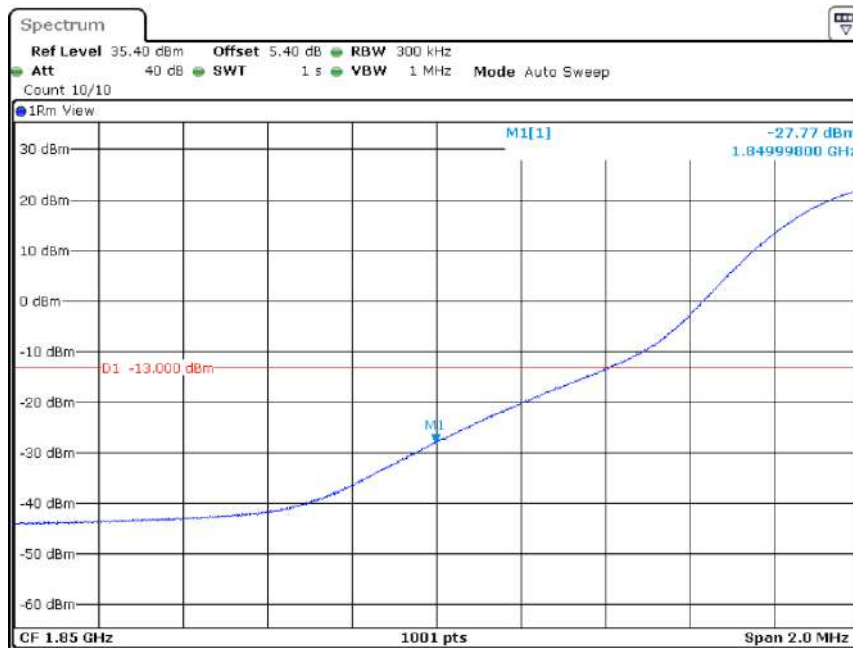
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Band2-20MHz-64QAM-19100-100RB#0



Date: 7 SEP.2020 12:26:37

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

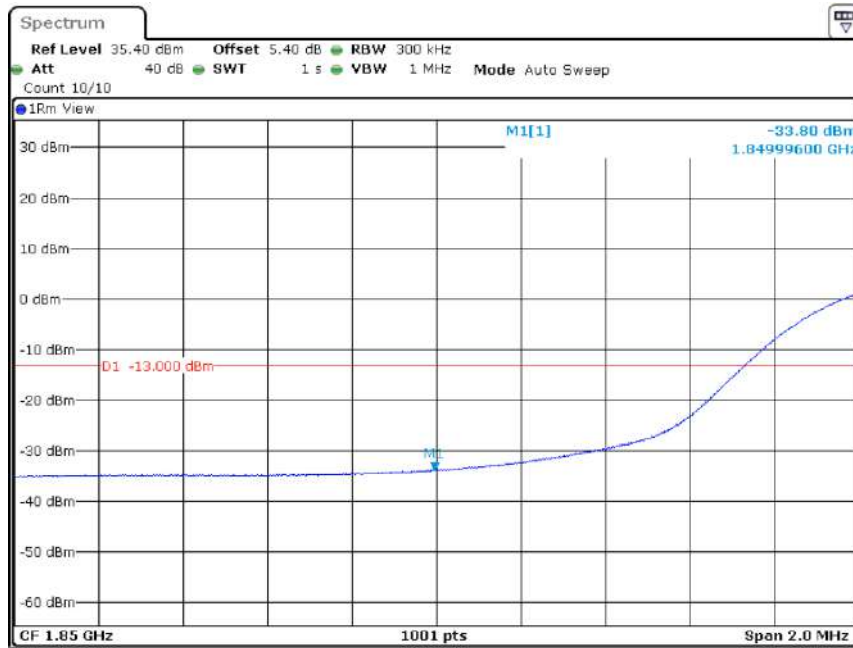


Date: 7 SEP.2020 10:37:06



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



Date: 7 SEP.2020 10:40:00

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

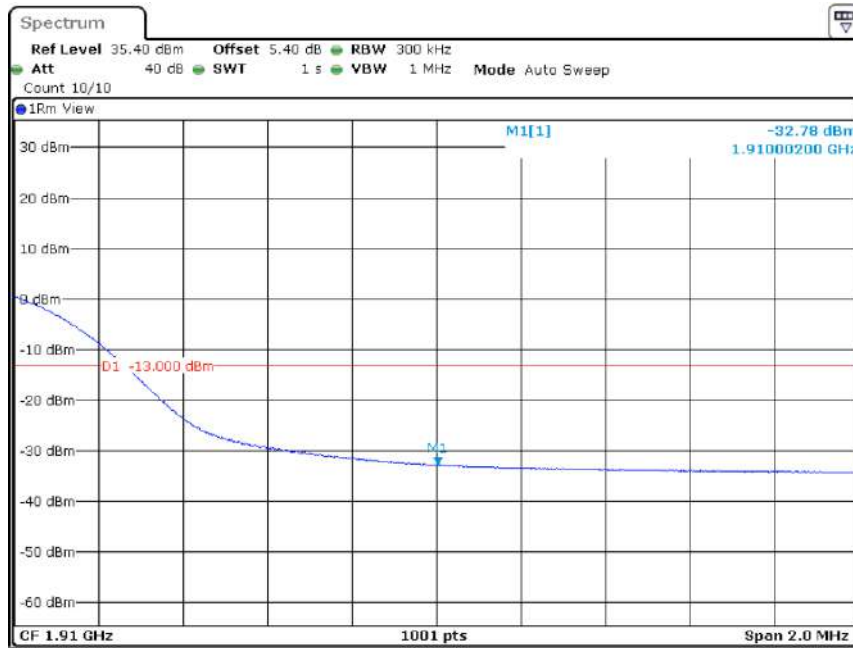


Date: 7 SEP.2020 10:38:33



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



Date: 7 SEP.2020 10:40:42



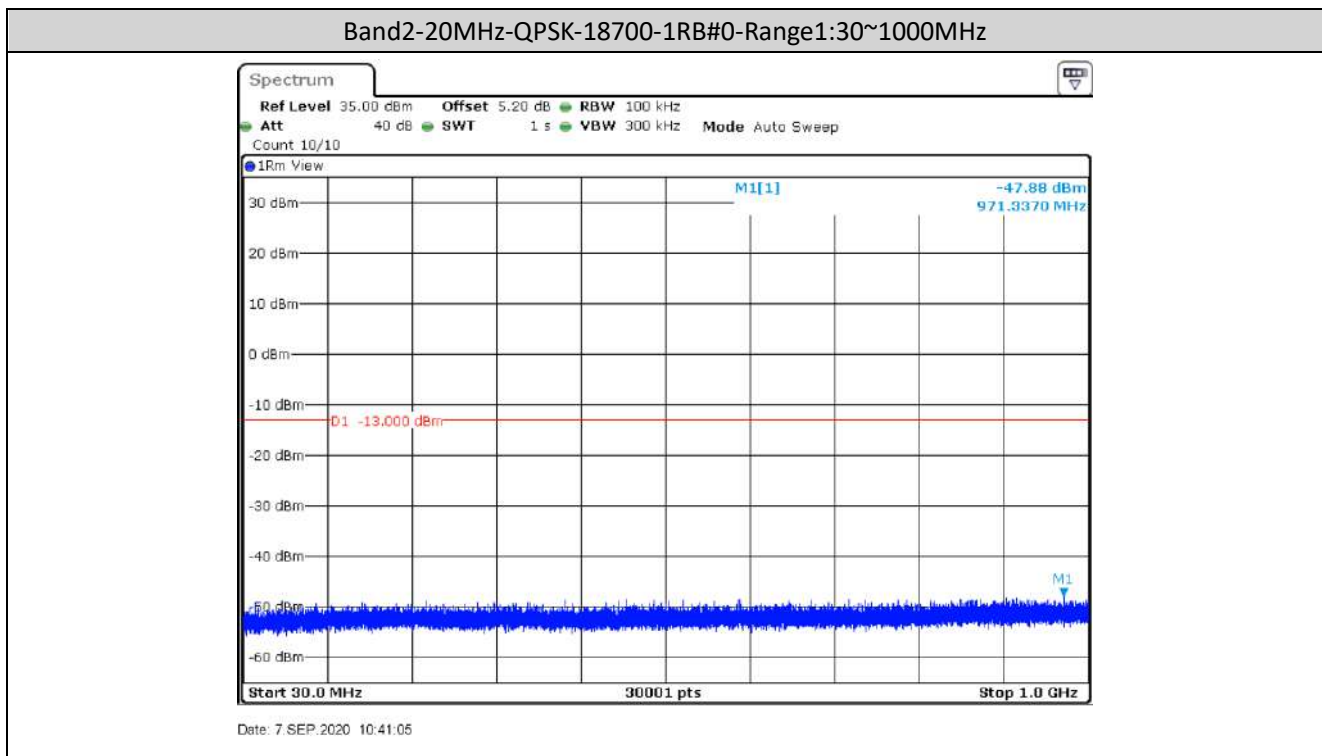
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6. Spurious Emission at Antenna Terminal

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

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

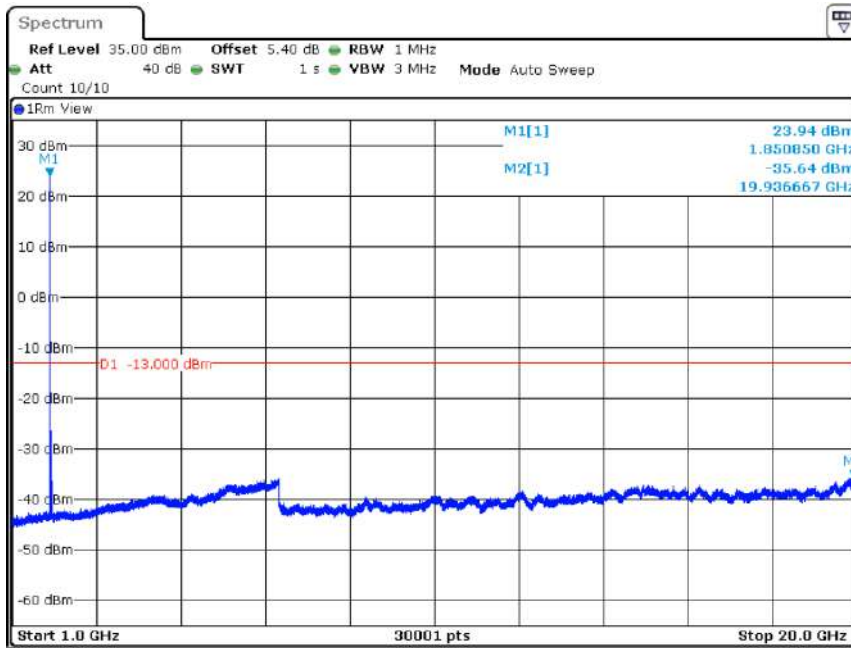
6.1. Test Plots



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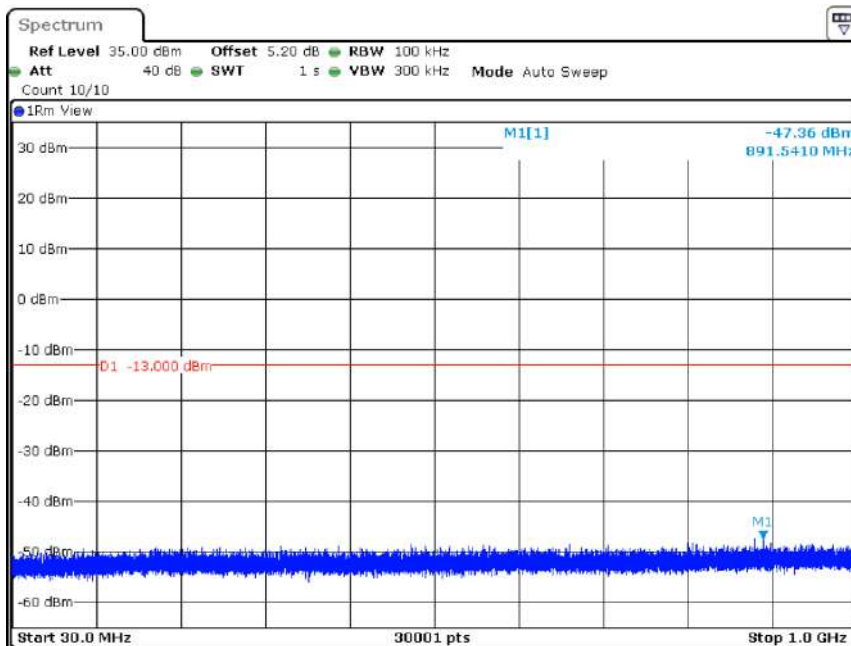
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Band2-20MHz-QPSK-18700-1RB#0-Range2:1000~20000MHz



Date: 7 SEP.2020 10:41:21

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



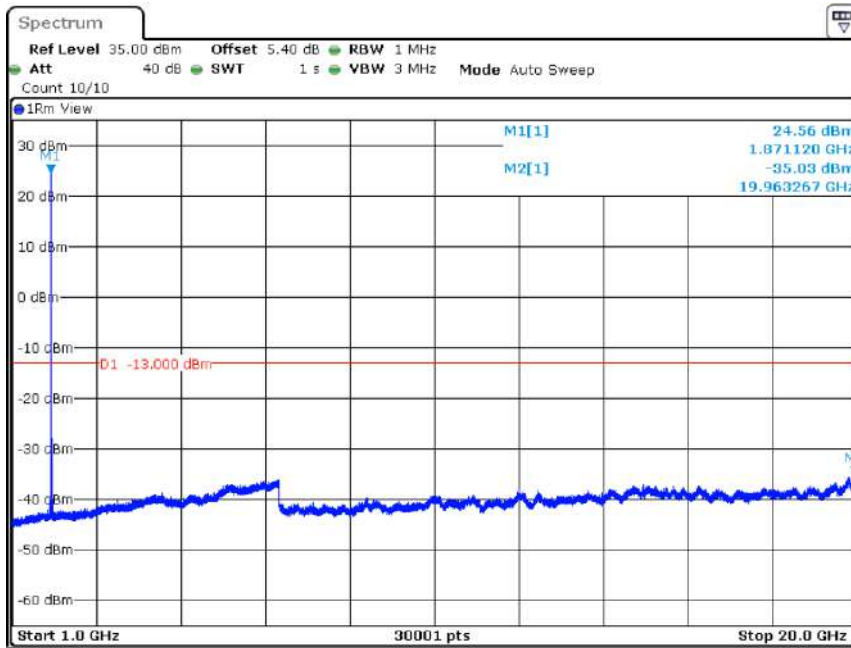
Date: 7 SEP.2020 10:42:16



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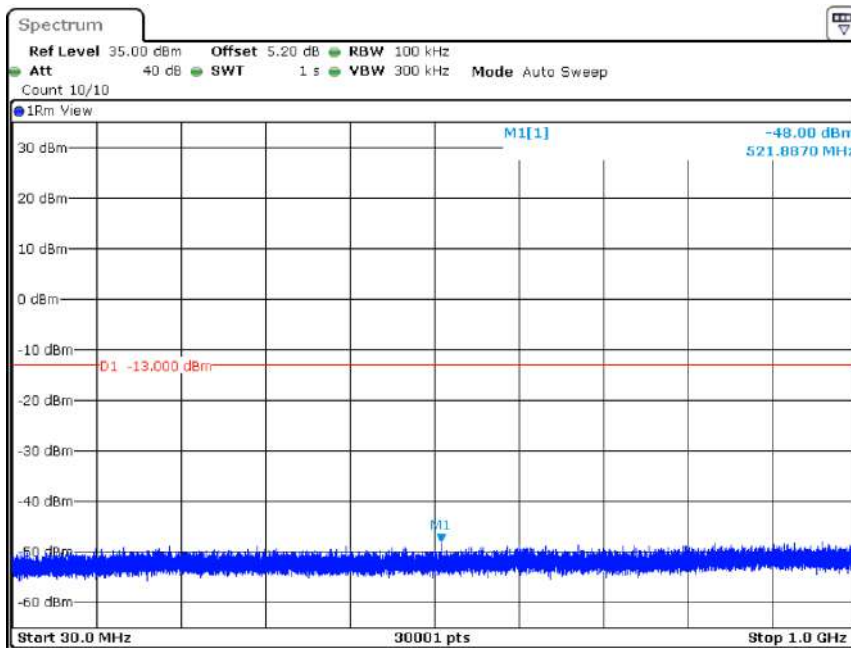
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Band2-20MHz-QPSK-18900-1RB#0-Range2:1000~20000MHz



Date: 7 SEP.2020 10:42:32

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

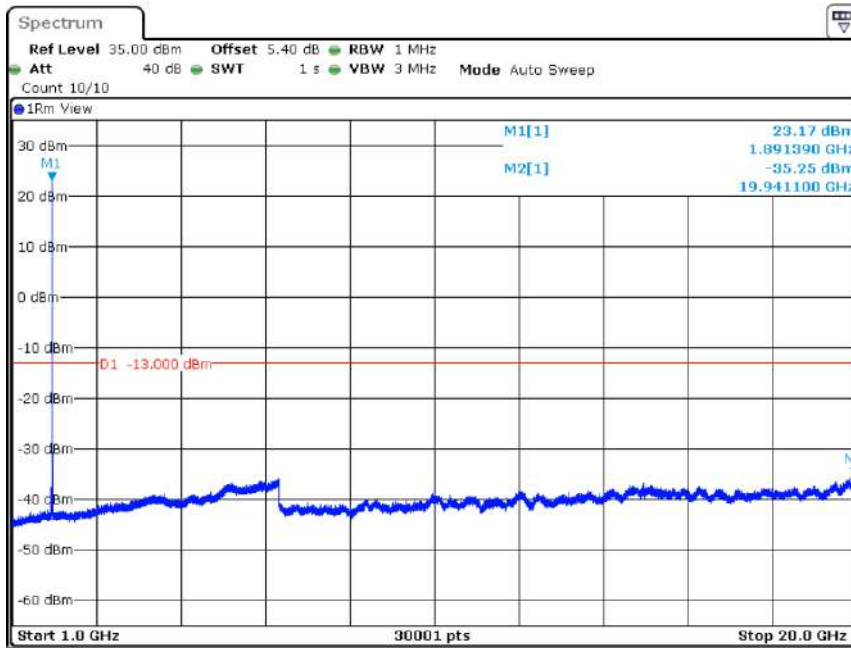


Date: 7 SEP.2020 10:43:26



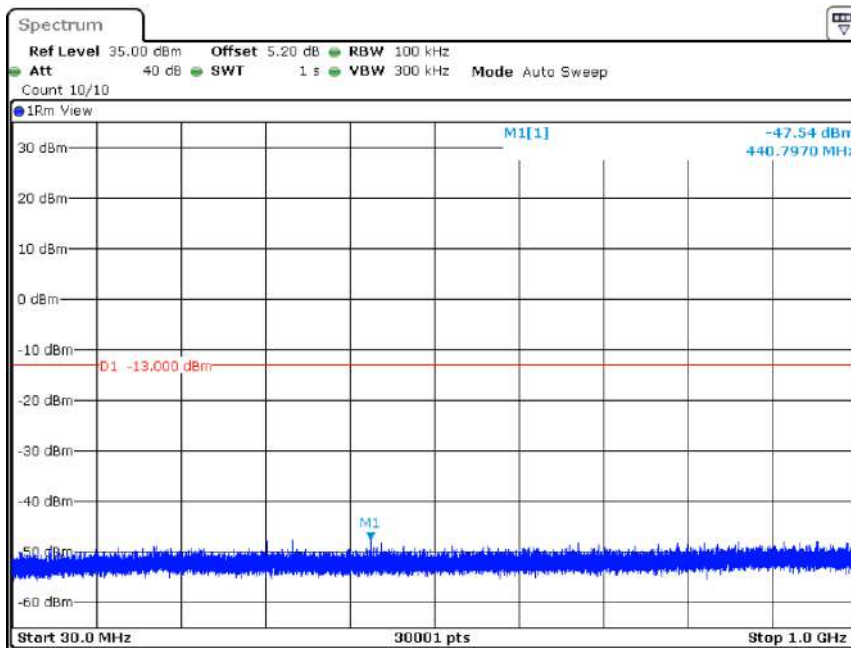
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Band2-20MHz-QPSK-19100-1RB#0-Range2:1000~20000MHz



Date: 7 SEP.2020 10:43:42

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

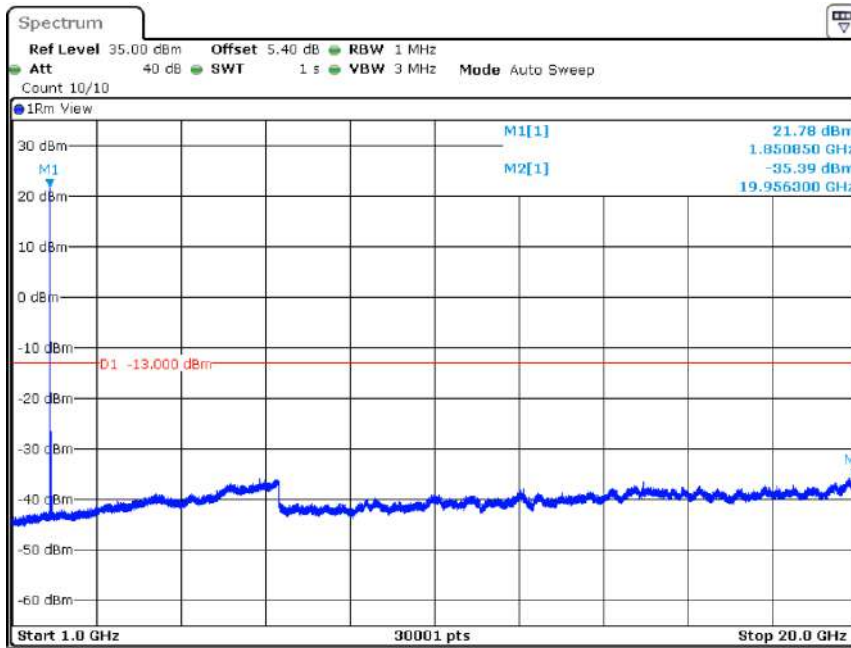


Date: 7 SEP.2020 12:27:02



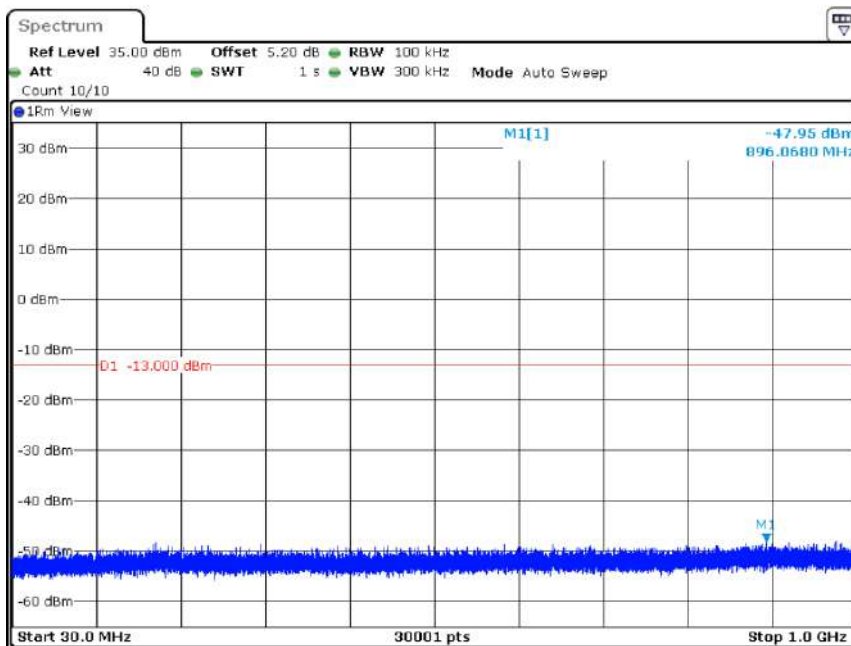
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Band2-20MHz-64QAM-18700-1RB#0-Range2:1000~20000MHz



Date: 7 SEP.2020 12:27:18

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

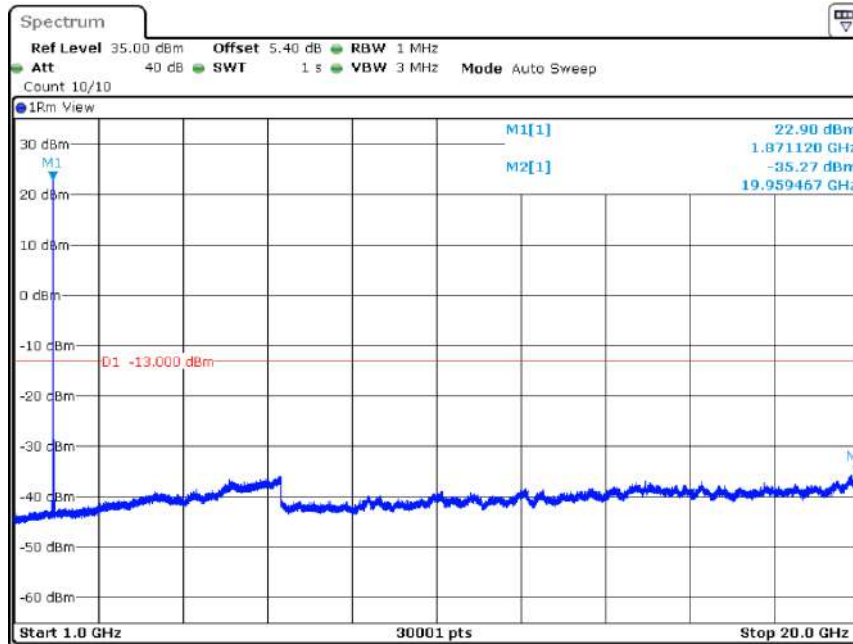


Date: 7 SEP.2020 12:27:37



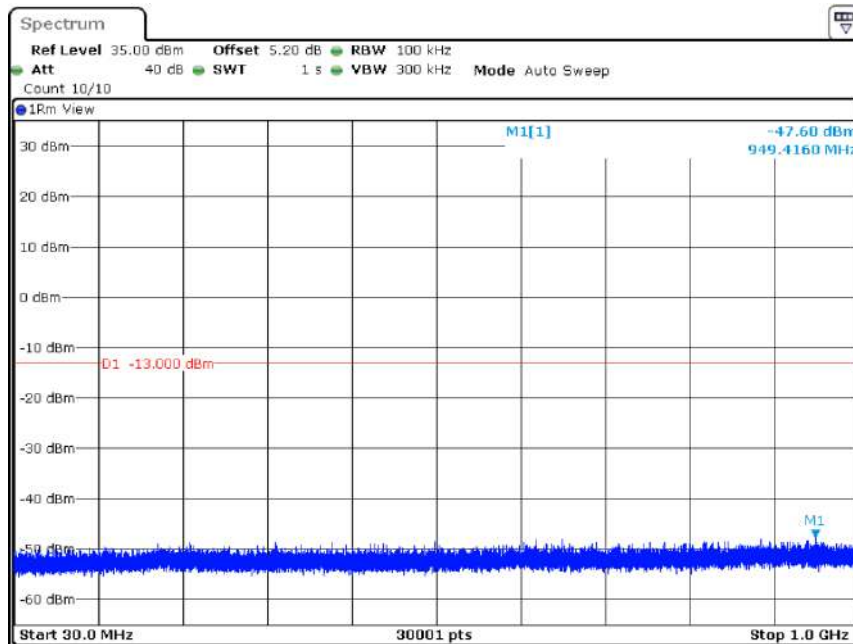
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Band2-20MHz-64QAM-18900-1RB#0-Range2:1000~20000MHz



Date: 7 SEP.2020 12:27:53

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

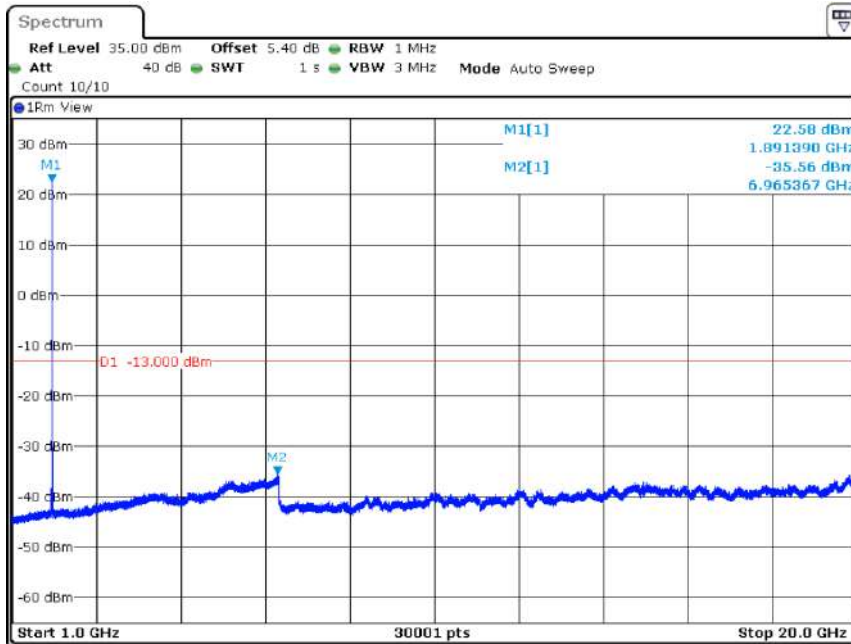


Date: 7 SEP.2020 12:28:12



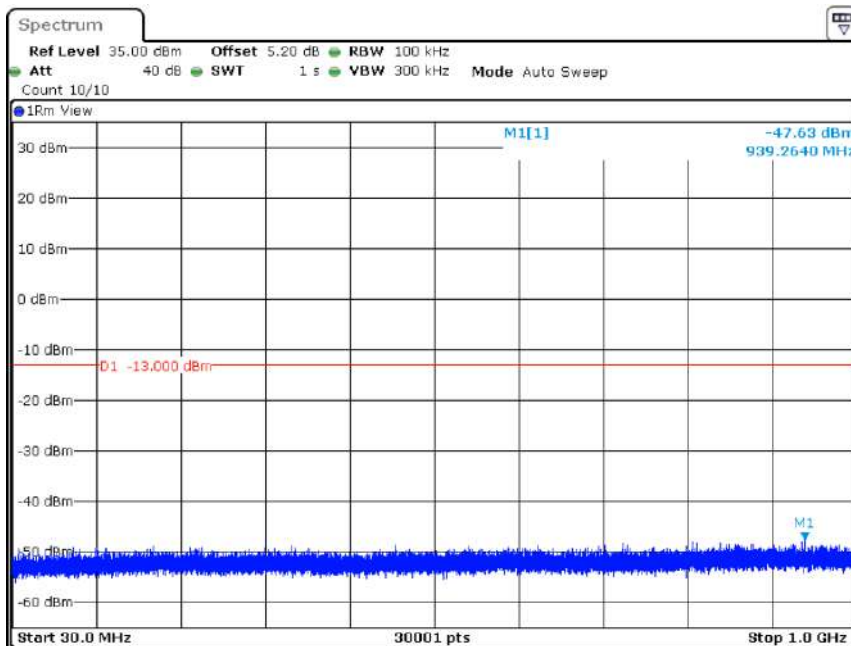
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Band2-20MHz-64QAM-19100-1RB#0-Range2:1000~20000MHz



Date: 7 SEP.2020 12:28:28

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



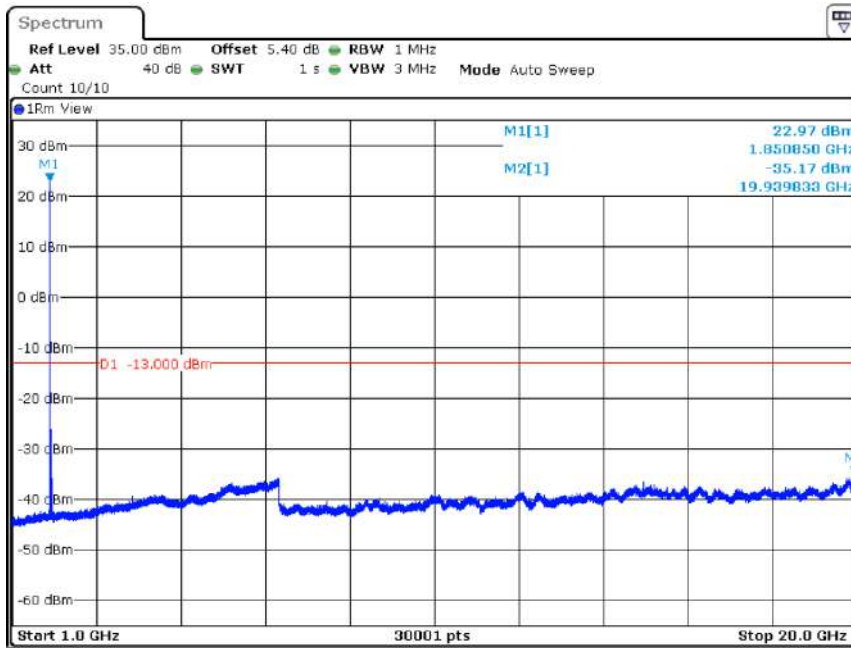
Date: 7 SEP.2020 10:41:40



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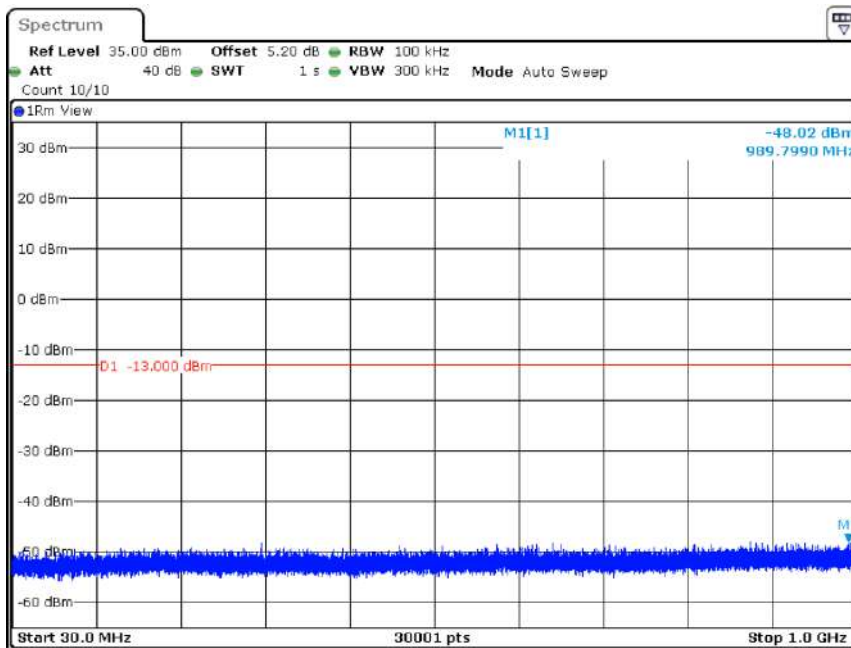
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Band2-20MHz-16QAM-18700-1RB#0-Range2:1000~20000MHz



Date: 7 SEP.2020 10:41:57

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

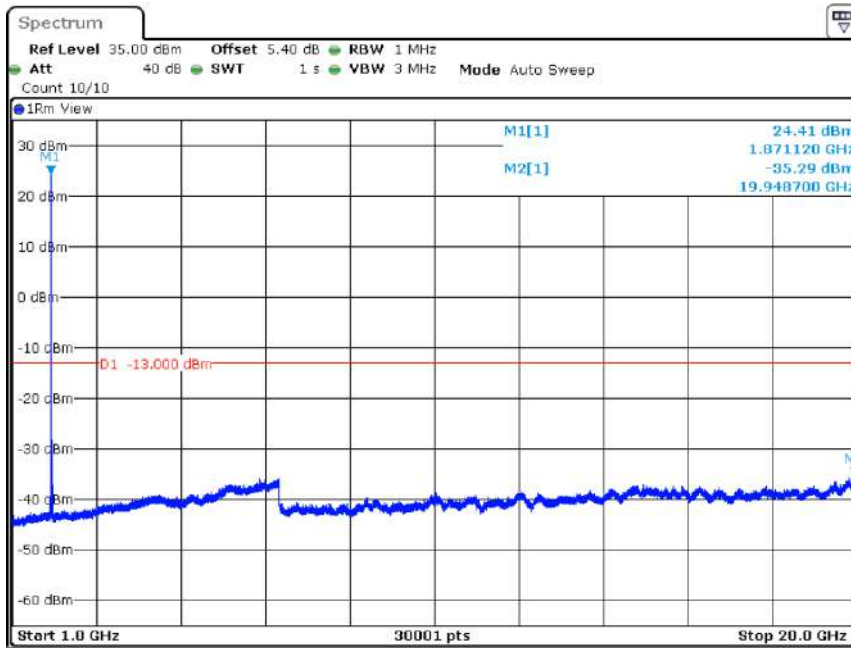


Date: 7 SEP.2020 10:42:51



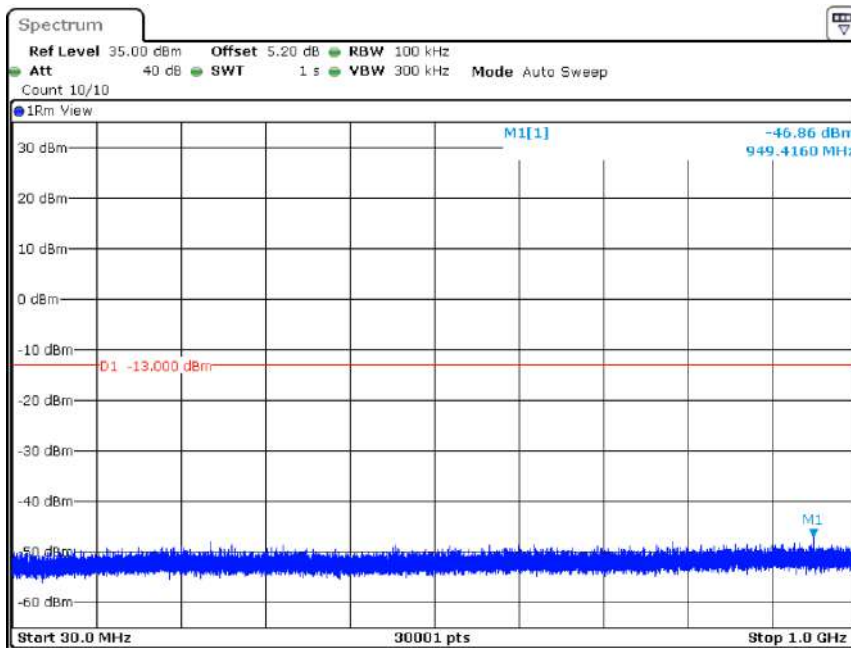
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Band2-20MHz-16QAM-18900-1RB#0-Range2:1000~20000MHz



Date: 7 SEP.2020 10:43:07

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

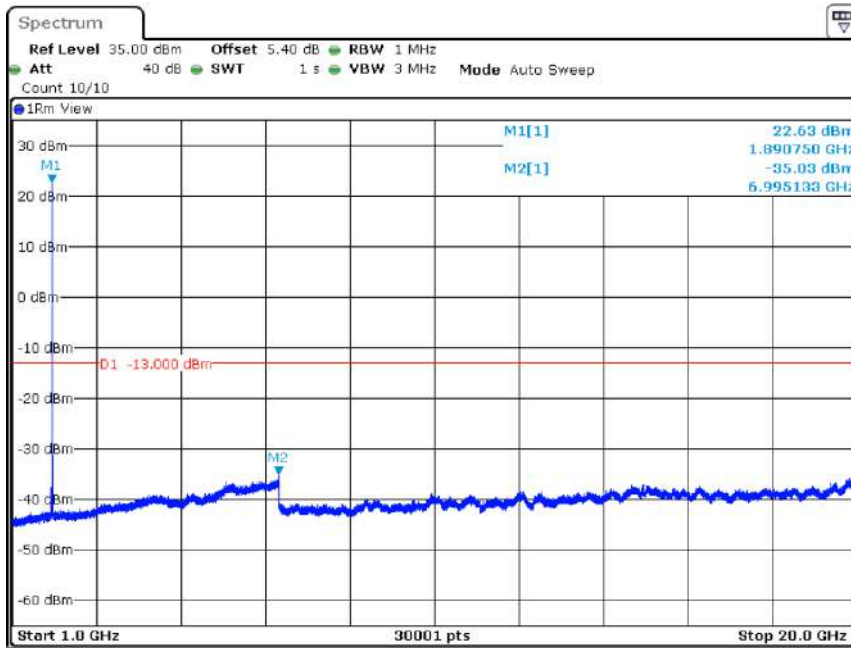


Date: 7 SEP.2020 10:44:01



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



Date: 7 SEP.2020 10:44:17



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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)	Height [cm]	Angle [°]	Polarization
51.0016	-72.93	-13.00	59.93	184	130	Vertical
111.9206	-65.24	-13.00	52.24	157	194	Vertical
647.7754	-63.53	-13.00	50.53	154	162	Vertical
5611.5871	-61.54	-13.00	48.54	178	321	Vertical
11190.7730	-51.33	-13.00	38.33	196	36	Vertical
17999.0000	-40.48	-13.00	27.48	184	289	Vertical
40.1370	-64.34	-13.00	51.34	187	321	Horizontal
97.4669	-74.57	-13.00	61.57	165	290	Horizontal
239.3850	-68.89	-13.00	55.89	174	226	Horizontal
3658.5220	-60.93	-13.00	47.93	158	258	Horizontal
7480.6494	-56.28	-13.00	43.28	195	290	Horizontal
16391.4464	-43.53	-13.00	30.53	214	353	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
47.3639	-72.80	-13.00	59.80	187	104	Vertical
109.3985	-65.23	-13.00	52.23	165	35	Vertical
424.2762	-68.31	-13.00	55.31	194	328	Vertical
5647.5883	-61.33	-13.00	48.33	178	264	Vertical
7364.6455	-55.92	-13.00	42.92	165	35	Vertical
17997.4999	-40.79	-13.00	27.79	184	68	Vertical
40.5250	-63.53	-13.00	50.53	222	358	Horizontal
102.5111	-74.26	-13.00	61.26	247	295	Horizontal
233.2252	-68.88	-13.00	55.88	259	166	Horizontal
5658.5886	-61.37	-13.00	48.37	241	358	Horizontal
10021.7341	-52.64	-13.00	39.64	256	135	Horizontal
16397.9466	-43.40	-13.00	30.40	285	231	Horizontal



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7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
115.3158	-65.85	-13.00	52.85	184	74	Vertical
652.7711	-64.39	-13.00	51.39	175	106	Vertical
2700.3401	-37.61	-13.00	24.61	169	356	Vertical
7480.6494	-55.77	-13.00	42.77	148	201	Vertical
14491.3830	-47.33	-13.00	34.33	165	4	Vertical
17999.0000	-40.43	-13.00	27.43	198	74	Vertical
47.0244	-64.69	-13.00	51.69	247	319	Horizontal
571.2871	-64.52	-13.00	51.52	259	288	Horizontal
2697.5395	-36.58	-13.00	23.58	263	84	Horizontal
3782.5261	-59.70	-13.00	46.70	257	67	Horizontal
12846.8282	-50.63	-13.00	37.63	241	161	Horizontal
16390.9464	-43.52	-13.00	30.52	259	224	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	1.30	0.000699	±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	3.30	0.001774	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	3.10	0.001649	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	0.20	0.000106	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	2.80	0.001489	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VL	NT	-4.60	-0.002421	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VN	NT	-3.10	-0.001632	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VH	NT	-1.80	-0.000947	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VL	NT	7.30	0.003925	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VN	NT	3.30	0.001774	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VH	NT	4.40	0.002366	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VL	NT	0.40	0.000213	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VN	NT	3.20	0.001702	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VH	NT	0.30	0.000160	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VL	NT	-0.50	-0.000263	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VN	NT	0.80	0.000421	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VH	NT	0.90	0.000474	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VL	NT	3.10	0.001667	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VN	NT	3.10	0.001667	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VH	NT	2.90	0.001559	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VL	NT	1.80	0.000957	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VN	NT	3.10	0.001649	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VH	NT	1.40	0.000745	±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	-2.80	-0.001474	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VH	NT	2.40	0.001263	±2.5	PASS



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8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	NV	-30	1.40	0.000753	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-20	1.70	0.000914	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-10	1.70	0.000914	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	0	2.00	0.001075	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	10	1.30	0.000699	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	20	4.00	0.002151	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	30	1.30	0.000699	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	40	3.30	0.001774	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	50	1.30	0.000699	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	1.30	0.000691	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	3.60	0.001915	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	2.90	0.001543	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	-0.30	-0.000160	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	0.30	0.000160	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	0.00	0.000000	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	0.40	0.000213	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	4.20	0.002234	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	4.10	0.002181	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-30	-1.80	-0.000947	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-20	-3.70	-0.001947	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-10	-2.00	-0.001053	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	0	-3.20	-0.001684	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	10	-2.10	-0.001105	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	20	-2.80	-0.001474	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	30	-4.40	-0.002316	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	40	-0.70	-0.000368	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	50	-1.00	-0.000526	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-30	7.50	0.004032	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-20	0.10	0.000054	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-10	3.70	0.001989	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	0	1.50	0.000806	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	10	5.40	0.002903	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	20	3.60	0.001935	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	30	4.20	0.002258	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	40	3.20	0.001720	±2.5	PASS



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Band2	20MHz	64QAM	18700	100RB#0	NV	50	6.10	0.003280	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-30	5.30	0.002819	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-20	2.50	0.001330	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-10	0.90	0.000479	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	0	2.00	0.001064	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	10	0.40	0.000213	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	20	1.30	0.000691	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	30	5.00	0.002660	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	40	0.40	0.000213	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	50	-1.90	-0.001011	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-30	-0.70	-0.000368	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-20	-1.70	-0.000895	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-10	-1.60	-0.000842	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	0	-1.90	-0.001000	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	10	-1.30	-0.000684	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	20	-0.70	-0.000368	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	30	1.80	0.000947	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	40	-3.80	-0.002000	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	50	-2.30	-0.001211	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-30	2.80	0.001505	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-20	3.70	0.001989	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-10	5.00	0.002688	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	0	5.00	0.002688	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	10	4.10	0.002204	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	20	3.30	0.001774	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	30	3.50	0.001882	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	40	0.80	0.000430	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	50	3.00	0.001613	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-30	1.50	0.000798	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-20	2.80	0.001489	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-10	3.50	0.001862	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	0	0.40	0.000213	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	10	-0.40	-0.000213	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	20	-0.40	-0.000213	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	30	0.70	0.000372	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	40	2.00	0.001064	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	50	0.60	0.000319	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-30	-1.90	-0.001000	±2.5	PASS



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Band2	20MHz	16QAM	19100	100RB#0	NV	-20	-0.60	-0.000316	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-10	-3.40	-0.001789	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	0	-3.50	-0.001842	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	10	-0.50	-0.000263	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	20	-2.50	-0.001316	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	30	-2.80	-0.001474	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	40	0.40	0.000211	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	50	-2.50	-0.001316	±2.5	PASS



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