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#2	23.67	21.17	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	23.54	21.04	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	23.52	21.02	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	23.64	21.14	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	23.63	21.13	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	23.69	21.19	33.00	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.72	20.22	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	23.57	21.07	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	23.57	21.07	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	23.69	21.19	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	23.73	21.23	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	23.67	21.17	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	23.67	21.17	33.00	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.77	20.27	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	23.77	21.27	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	23.62	21.12	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	23.64	21.14	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	23.74	21.24	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	23.80	21.30	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	23.76	21.26	33.00	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	22.86	20.36	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#5	21.71	19.21	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	21.68	19.18	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#2	21.86	19.36	33.00	PASS
Band2	1.4MHz	64QAM	18607	3RB#1	21.88	19.38	33.00	PASS

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Band2	1.4MHz	64QAM	18607	3RB#0	21.77	19.27	33.00	PASS
Band2	1.4MHz	64QAM	18607	3RB#3	21.77	19.27	33.00	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	20.68	18.18	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#2	21.87	19.37	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#0	21.75	19.25	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#5	21.73	19.23	33.00	PASS
Band2	1.4MHz	64QAM	18900	3RB#0	21.79	19.29	33.00	PASS
Band2	1.4MHz	64QAM	18900	3RB#1	21.85	19.35	33.00	PASS
Band2	1.4MHz	64QAM	18900	3RB#3	21.83	19.33	33.00	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	20.70	18.20	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	21.86	19.36	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#2	21.93	19.43	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	21.78	19.28	33.00	PASS
Band2	1.4MHz	64QAM	19193	3RB#3	21.87	19.37	33.00	PASS
Band2	1.4MHz	64QAM	19193	3RB#1	21.93	19.43	33.00	PASS
Band2	1.4MHz	64QAM	19193	3RB#0	21.87	19.37	33.00	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	20.79	18.29	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	22.78	20.28	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	23.05	20.55	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.88	20.38	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	22.77	20.27	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	22.86	20.36	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	22.83	20.33	33.00	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.77	19.27	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	22.82	20.32	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.96	20.46	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.87	20.37	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	22.85	20.35	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	22.88	20.38	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	22.80	20.30	33.00	PASS

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Band2	1.4MHz	16QAM	18900	6RB#0	21.81	19.31	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	22.93	20.43	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	22.96	20.46	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	23.16	20.66	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	22.96	20.46	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	22.90	20.40	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	22.91	20.41	33.00	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	21.89	19.39	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.54	21.04	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#14	23.59	21.09	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.60	21.10	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#0	22.67	20.17	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#7	22.72	20.22	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#4	22.71	20.21	33.00	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.67	20.17	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.59	21.09	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#14	23.60	21.10	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#8	23.62	21.12	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#7	22.70	20.20	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#0	22.72	20.22	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#4	22.74	20.24	33.00	PASS
Band2	3MHz	QPSK	18900	15RB#0	22.69	20.19	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#14	23.69	21.19	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#8	23.68	21.18	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#0	23.64	21.14	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#4	22.83	20.33	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#0	22.79	20.29	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#7	22.77	20.27	33.00	PASS
Band2	3MHz	QPSK	19185	15RB#0	22.80	20.30	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#8	21.83	19.33	33.00	PASS

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Band2	3MHz	64QAM	18615	1RB#0	21.77	19.27	33.00	PASS
Band2	3MHz	64QAM	18615	8RB#0	20.63	18.13	33.00	PASS
Band2	3MHz	64QAM	18615	8RB#4	20.69	18.19	33.00	PASS
Band2	3MHz	64QAM	18615	8RB#7	20.67	18.17	33.00	PASS
Band2	3MHz	64QAM	18615	15RB#0	20.62	18.12	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#14	21.74	19.24	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#8	21.75	19.25	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#0	21.75	19.25	33.00	PASS
Band2	3MHz	64QAM	18900	8RB#0	20.69	18.19	33.00	PASS
Band2	3MHz	64QAM	18900	8RB#7	20.66	18.16	33.00	PASS
Band2	3MHz	64QAM	18900	8RB#4	20.68	18.18	33.00	PASS
Band2	3MHz	64QAM	18900	15RB#0	20.64	18.14	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#14	21.92	19.42	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#0	21.77	19.27	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#8	21.88	19.38	33.00	PASS
Band2	3MHz	64QAM	19185	8RB#7	20.74	18.24	33.00	PASS
Band2	3MHz	64QAM	19185	8RB#0	20.75	18.25	33.00	PASS
Band2	3MHz	64QAM	19185	8RB#4	20.83	18.33	33.00	PASS
Band2	3MHz	64QAM	19185	15RB#0	20.74	18.24	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.98	20.48	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.89	20.39	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.82	20.32	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#0	21.73	19.23	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#7	21.77	19.27	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#4	21.77	19.27	33.00	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.63	19.13	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#0	22.84	20.34	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.87	20.37	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#8	22.94	20.44	33.00	PASS

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Band2	3MHz	16QAM	18900	8RB#0	21.76	19.26	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#7	21.76	19.26	33.00	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.66	19.16	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#0	22.91	20.41	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#14	22.90	20.40	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#8	23.02	20.52	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#0	21.82	19.32	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#4	21.84	19.34	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#7	21.84	19.34	33.00	PASS
Band2	3MHz	16QAM	19185	15RB#0	21.77	19.27	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.55	21.05	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#0	23.48	20.98	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#12	23.72	21.22	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#0	22.69	20.19	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#6	22.76	20.26	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#13	22.72	20.22	33.00	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.73	20.23	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#24	23.49	20.99	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#0	23.52	21.02	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#12	23.80	21.30	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#13	22.70	20.20	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#6	22.78	20.28	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#0	22.73	20.23	33.00	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.71	20.21	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#24	23.57	21.07	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#0	23.51	21.01	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#12	23.80	21.30	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#13	22.76	20.26	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#6	22.84	20.34	33.00	PASS

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Band2	5MHz	QPSK	19175	12RB#0	22.79	20.29	33.00	PASS
Band2	5MHz	QPSK	19175	25RB#0	22.78	20.28	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#24	21.75	19.25	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#0	21.63	19.13	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#12	22.00	19.50	33.00	PASS
Band2	5MHz	64QAM	18625	12RB#13	20.65	18.15	33.00	PASS
Band2	5MHz	64QAM	18625	12RB#0	20.65	18.15	33.00	PASS
Band2	5MHz	64QAM	18625	12RB#6	20.74	18.24	33.00	PASS
Band2	5MHz	64QAM	18625	25RB#0	20.69	18.19	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#24	21.61	19.11	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#12	21.97	19.47	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#0	21.73	19.23	33.00	PASS
Band2	5MHz	64QAM	18900	12RB#13	20.61	18.11	33.00	PASS
Band2	5MHz	64QAM	18900	12RB#6	20.72	18.22	33.00	PASS
Band2	5MHz	64QAM	18900	12RB#0	20.64	18.14	33.00	PASS
Band2	5MHz	64QAM	18900	25RB#0	20.66	18.16	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#12	21.97	19.47	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#24	21.78	19.28	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#0	21.72	19.22	33.00	PASS
Band2	5MHz	64QAM	19175	12RB#0	20.74	18.24	33.00	PASS
Band2	5MHz	64QAM	19175	12RB#6	20.79	18.29	33.00	PASS
Band2	5MHz	64QAM	19175	12RB#13	20.70	18.20	33.00	PASS
Band2	5MHz	64QAM	19175	25RB#0	20.75	18.25	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#12	23.08	20.58	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#0	22.80	20.30	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.92	20.42	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#0	21.74	19.24	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#13	21.72	19.22	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#6	21.80	19.30	33.00	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.73	19.23	33.00	PASS

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Band2	5MHz	16QAM	18900	1RB#12	23.06	20.56	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#24	22.75	20.25	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#0	22.84	20.34	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#0	21.72	19.22	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#13	21.70	19.20	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#6	21.75	19.25	33.00	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.71	19.21	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#12	23.17	20.67	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#24	22.84	20.34	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#0	22.79	20.29	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#13	21.77	19.27	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#0	21.80	19.30	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#6	21.83	19.33	33.00	PASS
Band2	5MHz	16QAM	19175	25RB#0	21.77	19.27	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.61	21.11	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.77	21.27	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#49	23.62	21.12	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#0	22.79	20.29	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#12	22.80	20.30	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#25	22.81	20.31	33.00	PASS
Band2	10MHz	QPSK	18650	50RB#0	22.82	20.32	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#0	23.64	21.14	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#24	23.70	21.20	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#49	23.59	21.09	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#12	22.76	20.26	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#0	22.81	20.31	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#25	22.72	20.22	33.00	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.78	20.28	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#0	23.64	21.14	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#49	23.67	21.17	33.00	PASS

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Band2	10MHz	QPSK	19150	1RB#24	23.72	21.22	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#12	22.79	20.29	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#25	22.77	20.27	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#0	22.85	20.35	33.00	PASS
Band2	10MHz	QPSK	19150	50RB#0	22.80	20.30	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#0	21.84	19.34	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#24	21.92	19.42	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#49	21.83	19.33	33.00	PASS
Band2	10MHz	64QAM	18650	25RB#25	20.77	18.27	33.00	PASS
Band2	10MHz	64QAM	18650	25RB#12	20.78	18.28	33.00	PASS
Band2	10MHz	64QAM	18650	25RB#0	20.76	18.26	33.00	PASS
Band2	10MHz	64QAM	18650	50RB#0	20.78	18.28	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#49	21.77	19.27	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#0	21.84	19.34	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#24	21.89	19.39	33.00	PASS
Band2	10MHz	64QAM	18900	25RB#0	20.75	18.25	33.00	PASS
Band2	10MHz	64QAM	18900	25RB#12	20.72	18.22	33.00	PASS
Band2	10MHz	64QAM	18900	25RB#25	20.69	18.19	33.00	PASS
Band2	10MHz	64QAM	18900	50RB#0	20.72	18.22	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#0	21.87	19.37	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#24	21.90	19.40	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#49	21.85	19.35	33.00	PASS
Band2	10MHz	64QAM	19150	25RB#0	20.82	18.32	33.00	PASS
Band2	10MHz	64QAM	19150	25RB#12	20.76	18.26	33.00	PASS
Band2	10MHz	64QAM	19150	25RB#25	20.73	18.23	33.00	PASS
Band2	10MHz	64QAM	19150	50RB#0	20.75	18.25	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#0	22.96	20.46	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#24	23.00	20.50	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#49	23.02	20.52	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#12	21.81	19.31	33.00	PASS

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Band2	10MHz	16QAM	18650	25RB#0	21.76	19.26	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#25	21.80	19.30	33.00	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.82	19.32	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.92	20.42	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#24	23.10	20.60	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#0	22.92	20.42	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#25	21.73	19.23	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#12	21.74	19.24	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#0	21.80	19.30	33.00	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.75	19.25	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#49	22.90	20.40	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#0	22.91	20.41	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#24	23.06	20.56	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#0	21.82	19.32	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#12	21.77	19.27	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#25	21.75	19.25	33.00	PASS
Band2	10MHz	16QAM	19150	50RB#0	21.80	19.30	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#38	23.70	21.20	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.54	21.04	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#74	23.57	21.07	33.00	PASS
Band2	15MHz	QPSK	18675	36RB#18	22.81	20.31	33.00	PASS
Band2	15MHz	QPSK	18675	36RB#0	22.78	20.28	33.00	PASS
Band2	15MHz	QPSK	18675	36RB#39	22.82	20.32	33.00	PASS
Band2	15MHz	QPSK	18675	75RB#0	22.78	20.28	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#38	23.65	21.15	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#0	23.58	21.08	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#74	23.57	21.07	33.00	PASS
Band2	15MHz	QPSK	18900	36RB#39	22.73	20.23	33.00	PASS
Band2	15MHz	QPSK	18900	36RB#18	22.77	20.27	33.00	PASS
Band2	15MHz	QPSK	18900	36RB#0	22.77	20.27	33.00	PASS

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Band2	15MHz	QPSK	18900	75RB#0	22.75	20.25	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#74	23.62	21.12	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#38	23.68	21.18	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#0	23.63	21.13	33.00	PASS
Band2	15MHz	QPSK	19125	36RB#0	22.83	20.33	33.00	PASS
Band2	15MHz	QPSK	19125	36RB#39	22.79	20.29	33.00	PASS
Band2	15MHz	QPSK	19125	36RB#18	22.82	20.32	33.00	PASS
Band2	15MHz	QPSK	19125	75RB#0	22.78	20.28	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#0	21.77	19.27	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#38	21.90	19.40	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#74	21.75	19.25	33.00	PASS
Band2	15MHz	64QAM	18675	36RB#0	20.73	18.23	33.00	PASS
Band2	15MHz	64QAM	18675	36RB#18	20.75	18.25	33.00	PASS
Band2	15MHz	64QAM	18675	36RB#39	20.75	18.25	33.00	PASS
Band2	15MHz	64QAM	18675	75RB#0	20.77	18.27	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#74	21.71	19.21	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#0	21.80	19.30	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#38	21.84	19.34	33.00	PASS
Band2	15MHz	64QAM	18900	36RB#0	20.69	18.19	33.00	PASS
Band2	15MHz	64QAM	18900	36RB#18	20.72	18.22	33.00	PASS
Band2	15MHz	64QAM	18900	36RB#39	20.64	18.14	33.00	PASS
Band2	15MHz	64QAM	18900	75RB#0	20.69	18.19	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#38	21.85	19.35	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#0	21.84	19.34	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#74	21.78	19.28	33.00	PASS
Band2	15MHz	64QAM	19125	36RB#18	20.77	18.27	33.00	PASS
Band2	15MHz	64QAM	19125	36RB#39	20.73	18.23	33.00	PASS
Band2	15MHz	64QAM	19125	36RB#0	20.76	18.26	33.00	PASS
Band2	15MHz	64QAM	19125	75RB#0	20.73	18.23	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#0	22.86	20.36	33.00	PASS

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Band2	15MHz	16QAM	18675	1RB#38	23.04	20.54	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#74	22.91	20.41	33.00	PASS
Band2	15MHz	16QAM	18675	36RB#39	21.82	19.32	33.00	PASS
Band2	15MHz	16QAM	18675	36RB#18	21.82	19.32	33.00	PASS
Band2	15MHz	16QAM	18675	36RB#0	21.76	19.26	33.00	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.82	19.32	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.81	20.31	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#0	22.90	20.40	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#38	22.95	20.45	33.00	PASS
Band2	15MHz	16QAM	18900	36RB#0	21.73	19.23	33.00	PASS
Band2	15MHz	16QAM	18900	36RB#39	21.66	19.16	33.00	PASS
Band2	15MHz	16QAM	18900	36RB#18	21.74	19.24	33.00	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.73	19.23	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#74	22.87	20.37	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#0	23.02	20.52	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#38	22.92	20.42	33.00	PASS
Band2	15MHz	16QAM	19125	36RB#18	21.82	19.32	33.00	PASS
Band2	15MHz	16QAM	19125	36RB#39	21.75	19.25	33.00	PASS
Band2	15MHz	16QAM	19125	36RB#0	21.80	19.30	33.00	PASS
Band2	15MHz	16QAM	19125	75RB#0	21.75	19.25	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.47	20.97	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#99	23.47	20.97	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#49	23.79	21.29	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#25	22.81	20.31	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#50	22.86	20.36	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#0	22.78	20.28	33.00	PASS
Band2	20MHz	QPSK	18700	100RB#0	22.82	20.32	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#49	23.74	21.24	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#99	23.49	20.99	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#0	23.54	21.04	33.00	PASS

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Band2	20MHz	QPSK	18900	50RB#0	22.77	20.27	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#25	22.77	20.27	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#50	22.67	20.17	33.00	PASS
Band2	20MHz	QPSK	18900	100RB#0	22.71	20.21	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#99	23.54	21.04	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#49	23.79	21.29	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#0	23.57	21.07	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#50	22.68	20.18	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#0	22.81	20.31	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#25	22.83	20.33	33.00	PASS
Band2	20MHz	QPSK	19100	100RB#0	22.74	20.24	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#99	21.64	19.14	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#0	21.67	19.17	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#49	21.95	19.45	33.00	PASS
Band2	20MHz	64QAM	18700	50RB#50	20.83	18.33	33.00	PASS
Band2	20MHz	64QAM	18700	50RB#25	20.79	18.29	33.00	PASS
Band2	20MHz	64QAM	18700	50RB#0	20.72	18.22	33.00	PASS
Band2	20MHz	64QAM	18700	100RB#0	20.75	18.25	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#0	21.75	19.25	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#49	21.94	19.44	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#99	21.67	19.17	33.00	PASS
Band2	20MHz	64QAM	18900	50RB#25	20.72	18.22	33.00	PASS
Band2	20MHz	64QAM	18900	50RB#50	20.66	18.16	33.00	PASS
Band2	20MHz	64QAM	18900	50RB#0	20.71	18.21	33.00	PASS
Band2	20MHz	64QAM	18900	100RB#0	20.63	18.13	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#0	21.70	19.20	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#49	22.00	19.50	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#99	21.76	19.26	33.00	PASS
Band2	20MHz	64QAM	19100	50RB#0	20.75	18.25	33.00	PASS
Band2	20MHz	64QAM	19100	50RB#25	20.78	18.28	33.00	PASS

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Band2	20MHz	64QAM	19100	50RB#50	20.64	18.14	33.00	PASS
Band2	20MHz	64QAM	19100	100RB#0	20.68	18.18	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#99	22.73	20.23	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#49	23.12	20.62	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#0	22.74	20.24	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#0	21.76	19.26	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#25	21.84	19.34	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#50	21.86	19.36	33.00	PASS
Band2	20MHz	16QAM	18700	100RB#0	21.83	19.33	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#0	22.87	20.37	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#49	23.00	20.50	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#99	22.77	20.27	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#0	21.74	19.24	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#25	21.74	19.24	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#50	21.65	19.15	33.00	PASS
Band2	20MHz	16QAM	18900	100RB#0	21.69	19.19	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#0	22.86	20.36	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#49	23.08	20.58	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#99	22.84	20.34	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#0	21.78	19.28	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#25	21.83	19.33	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#50	21.66	19.16	33.00	PASS
Band2	20MHz	16QAM	19100	100RB#0	21.76	19.26	33.00	PASS

Remark:

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

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

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

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2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	5.51	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.10	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.33	13	PASS
Band2	20MHz	64QAM	18700	100RB#0	6.67	13	PASS
Band2	20MHz	64QAM	18900	100RB#0	6.20	13	PASS
Band2	20MHz	64QAM	19100	100RB#0	6.49	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.32	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	5.91	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.17	13	PASS

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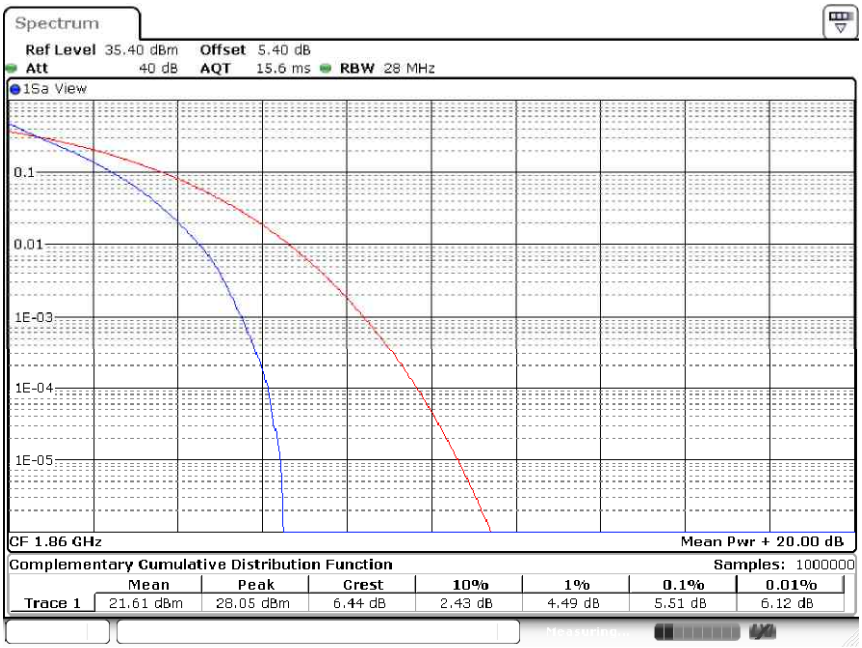
2.2. Test Plots

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



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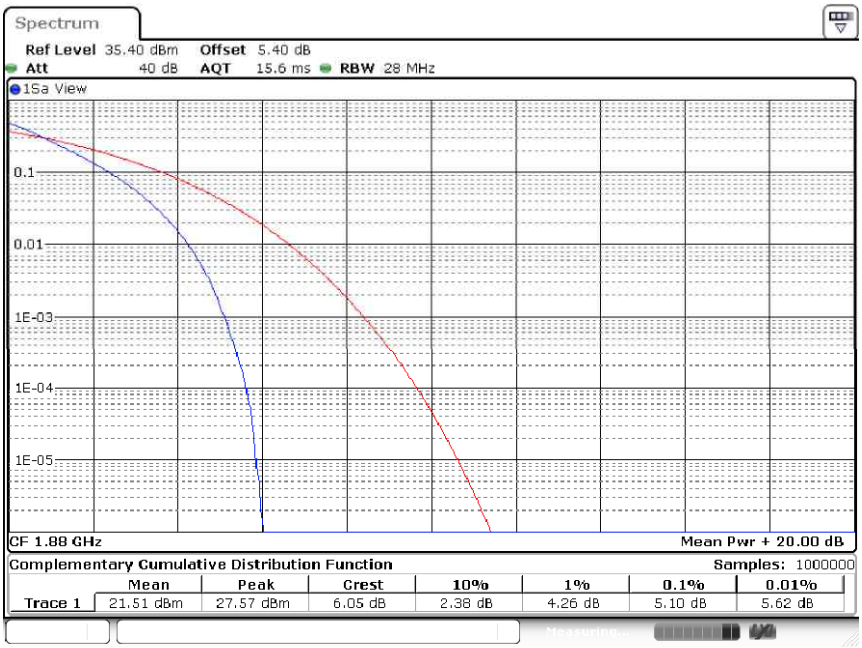
Band2-20MHz-QPSK-18900-100RB#0



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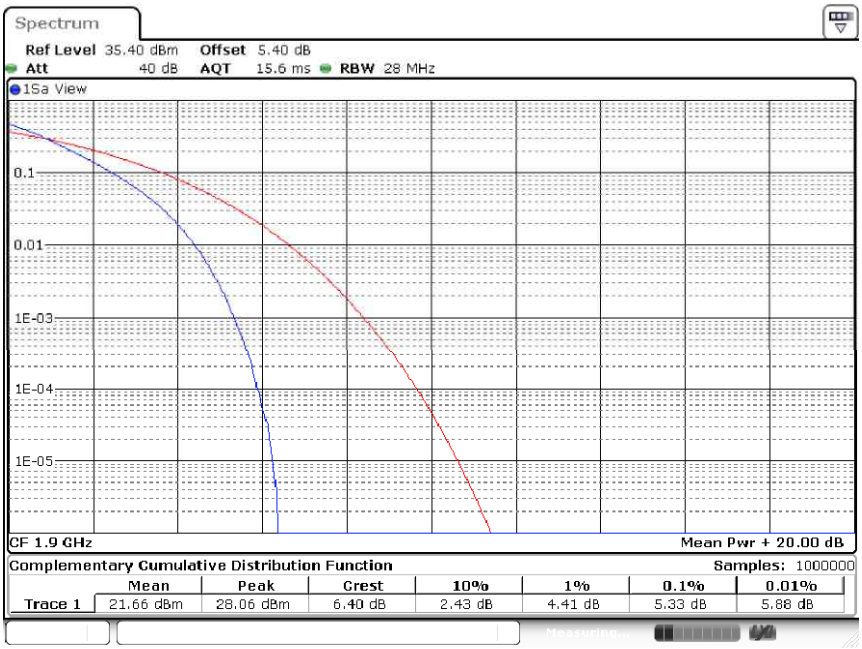
Band2-20MHz-QPSK-19100-100RB#0



Date: 23.JUN.2020 11:22:08

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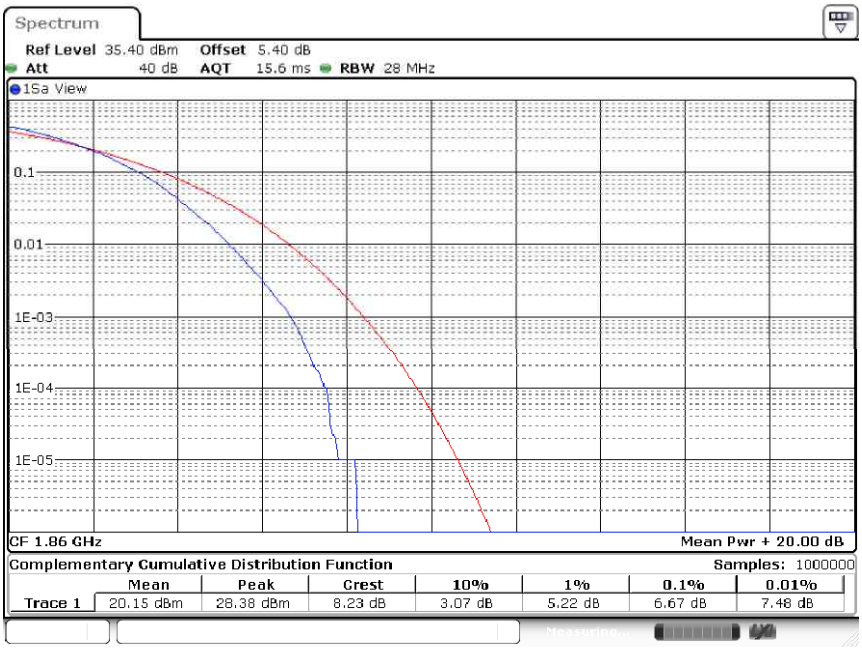
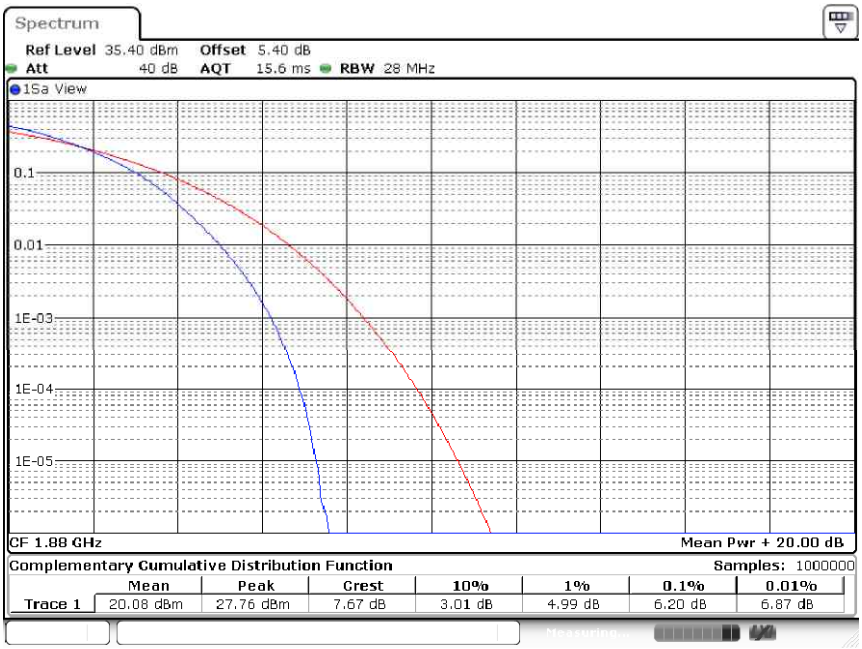
Band2-20MHz-64QAM-18700-100RB#0



Date: 24.JUN.2020 01:57:37

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



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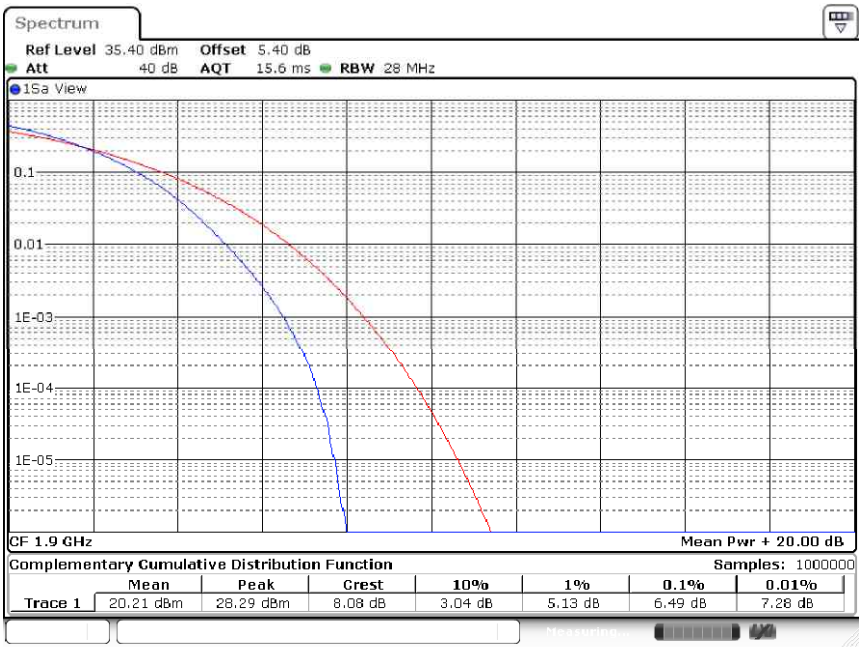
Band2-20MHz-64QAM-19100-100RB#0



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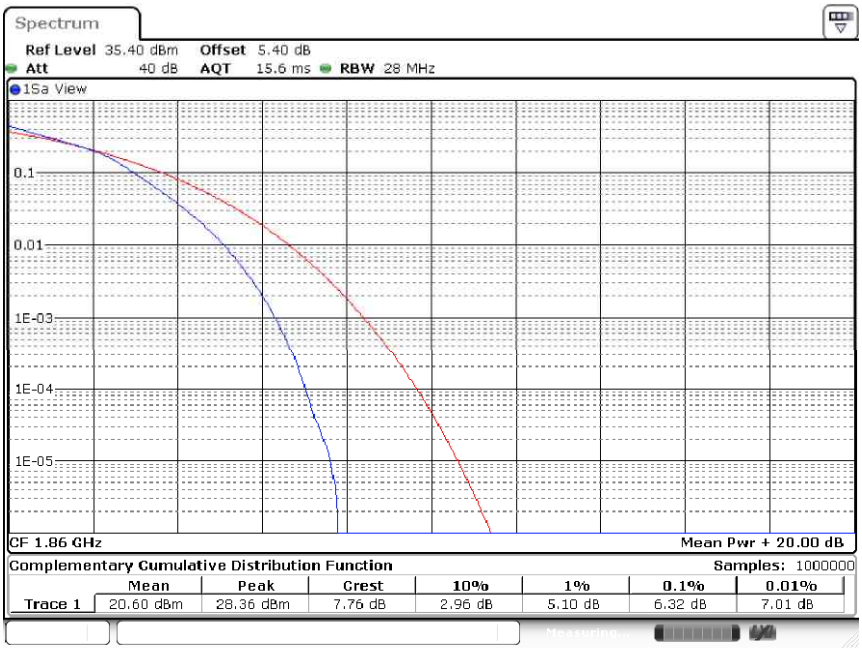
Band2-20MHz-16QAM-18700-100RB#0



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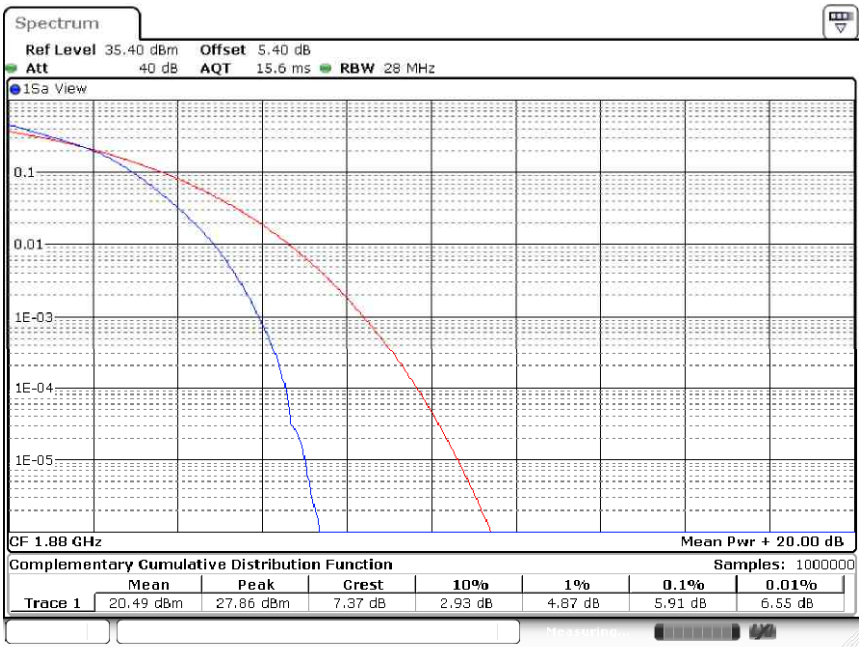
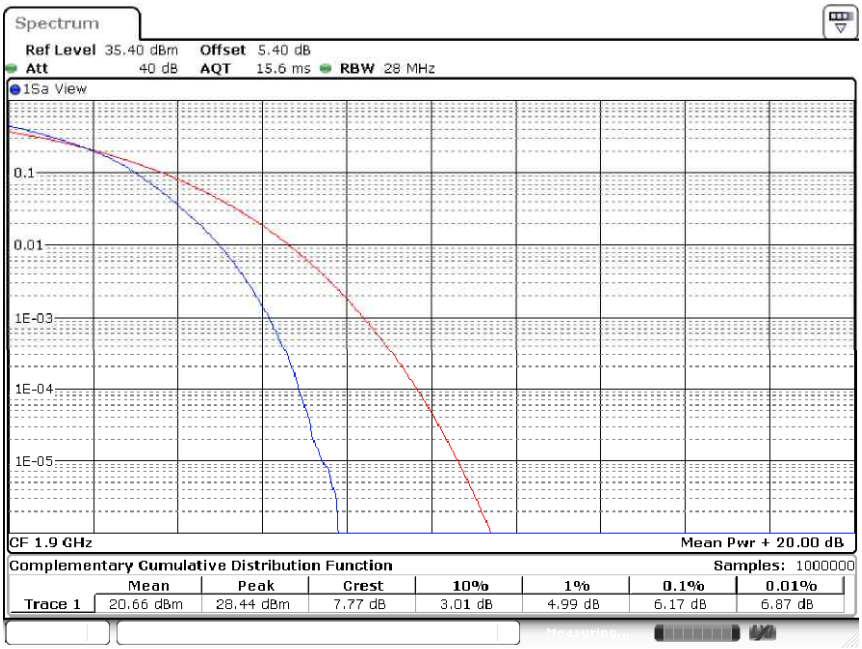
Band2-20MHz-16QAM-18900-100RB#0



Date: 23.JUN.2020 11:21:57

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



Date: 23.JUN.2020 11:22:20

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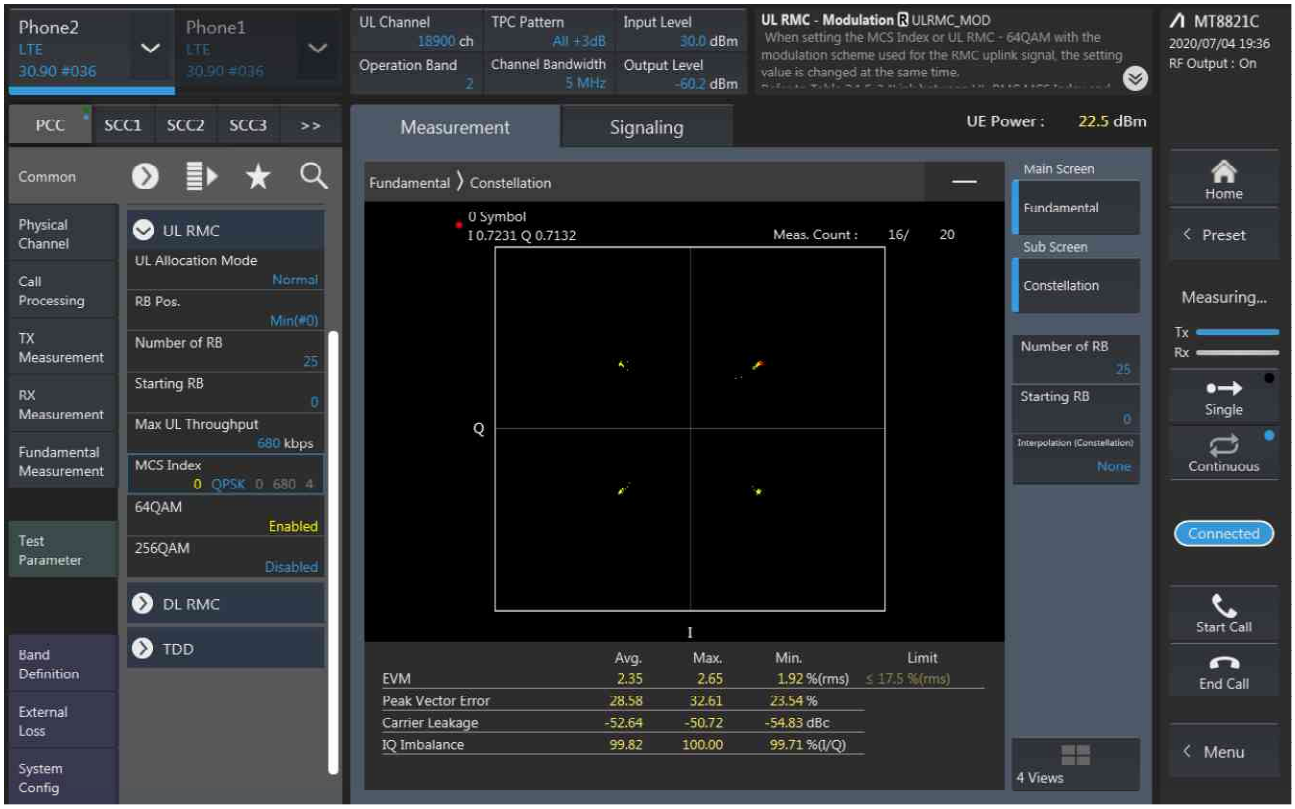
3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

3.1.1.Test Channel = MCH



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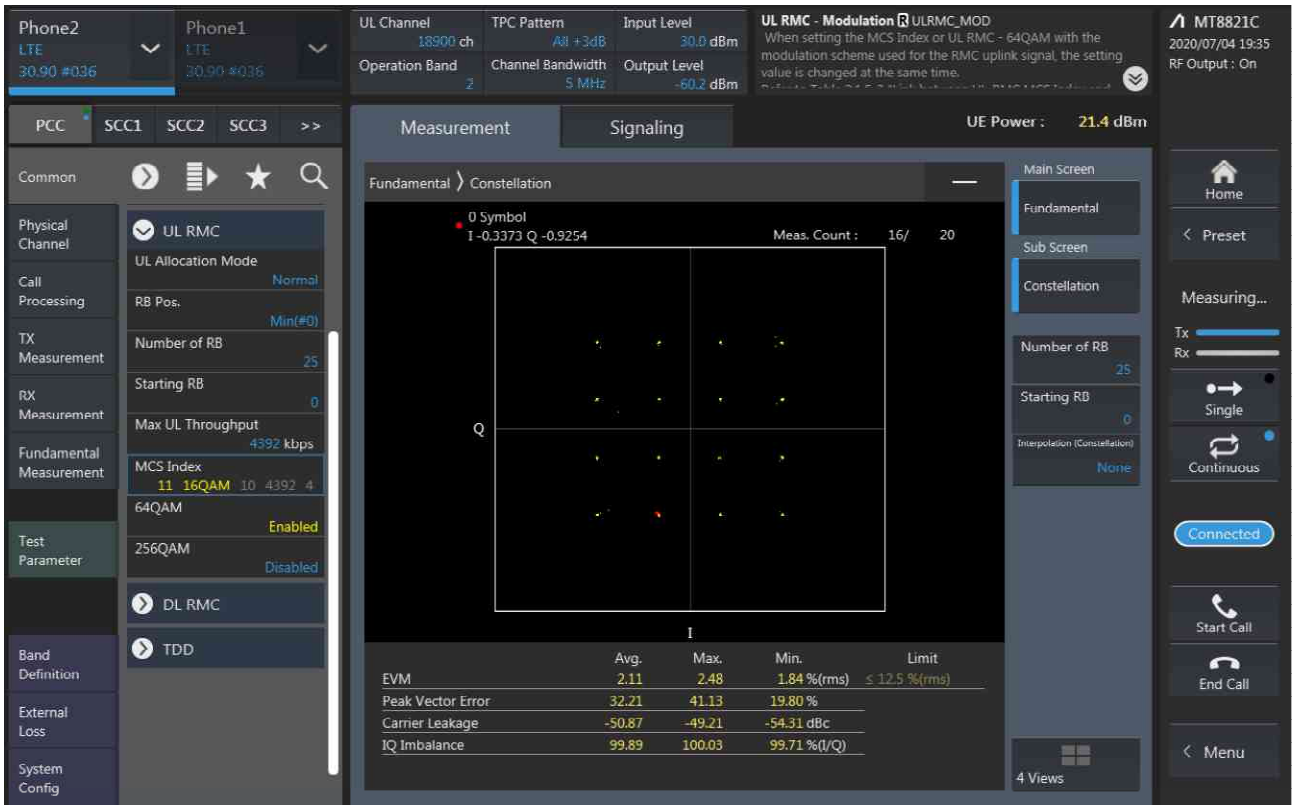
3.2. Test Mode = LTE /TM2 20MHz

3.2.1.Test Channel = MCH



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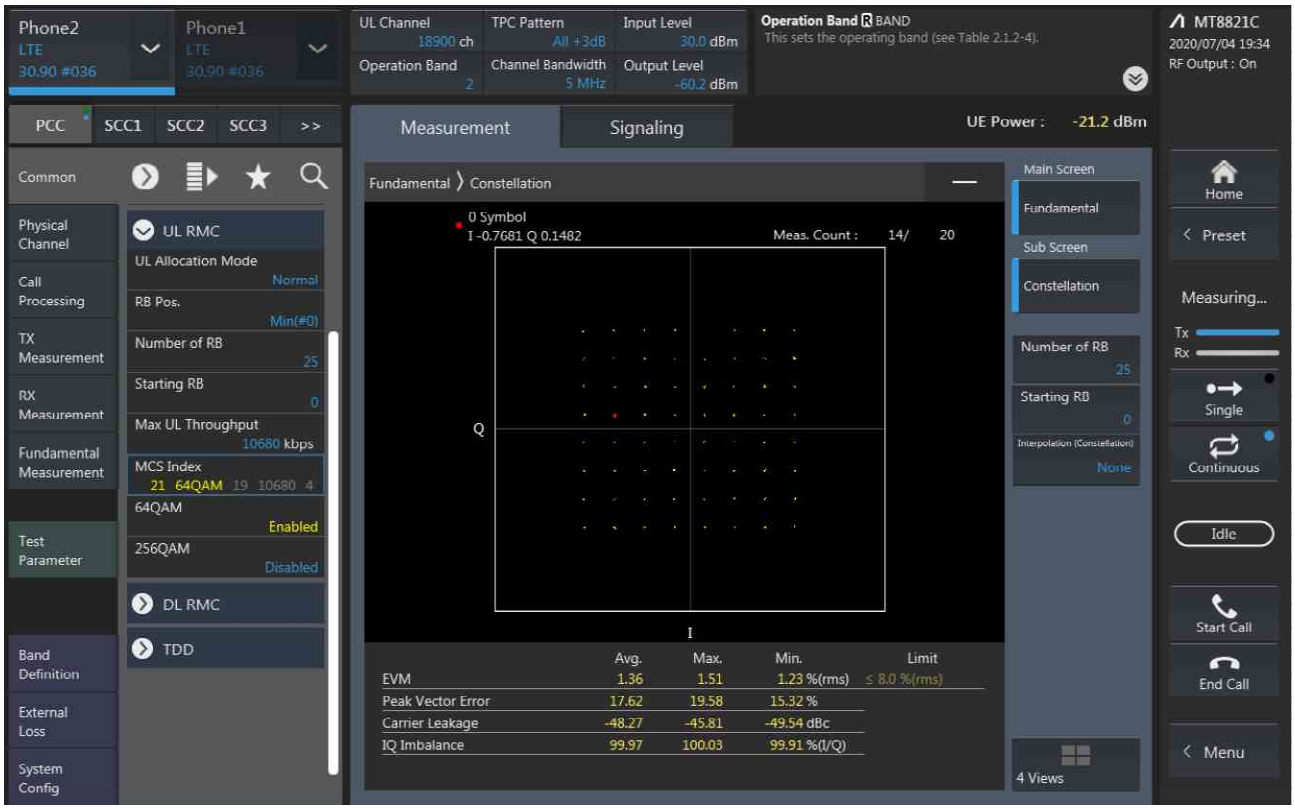
3.3. Test Mode = LTE /TM3 20MHz

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	1.088	1.287	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.091	1.299	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.091	1.284	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	1.094	1.284	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	1.094	1.290	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	1.094	1.284	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.088	1.287	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.088	1.281	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.088	1.281	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.691	2.916	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.685	2.934	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.685	2.922	PASS
Band2	3MHz	64QAM	18615	15RB#0	2.685	2.898	PASS
Band2	3MHz	64QAM	18900	15RB#0	2.685	2.910	PASS
Band2	3MHz	64QAM	19185	15RB#0	2.685	2.910	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.673	2.904	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.673	2.904	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.673	2.898	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.466	4.840	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.466	4.850	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.466	4.870	PASS
Band2	5MHz	64QAM	18625	25RB#0	4.466	4.830	PASS
Band2	5MHz	64QAM	18900	25RB#0	4.476	4.830	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.486	4.850	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.486	4.840	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.476	4.850	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.931	9.560	PASS

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Band2	10MHz	QPSK	18900	50RB#0	8.911	9.580	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.911	9.600	PASS
Band2	10MHz	64QAM	18650	50RB#0	8.931	9.580	PASS
Band2	10MHz	64QAM	18900	50RB#0	8.931	9.580	PASS
Band2	10MHz	64QAM	19150	50RB#0	8.931	9.540	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.931	9.620	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.931	9.640	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.931	9.660	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.457	14.700	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.457	14.670	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.427	14.670	PASS
Band2	15MHz	64QAM	18675	75RB#0	13.427	14.730	PASS
Band2	15MHz	64QAM	18900	75RB#0	13.427	14.700	PASS
Band2	15MHz	64QAM	19125	75RB#0	13.427	14.760	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.457	14.670	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.457	14.700	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.427	14.730	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	17.862	19.280	PASS
Band2	20MHz	64QAM	18700	100RB#0	17.902	19.280	PASS
Band2	20MHz	64QAM	18900	100RB#0	17.862	19.280	PASS
Band2	20MHz	64QAM	19100	100RB#0	17.822	19.240	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.902	19.360	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.862	19.280	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.862	19.360	PASS

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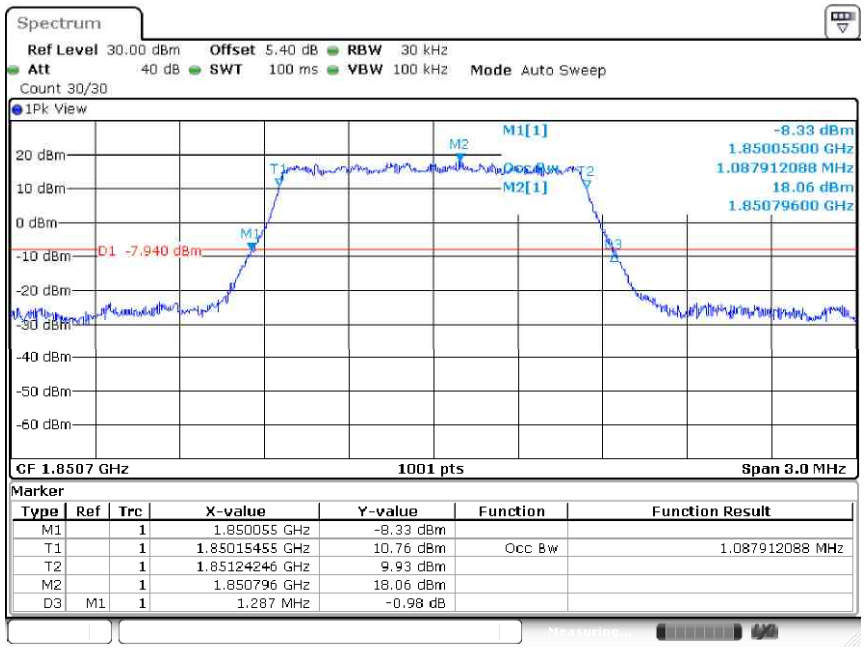
4.2. Test Plots

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



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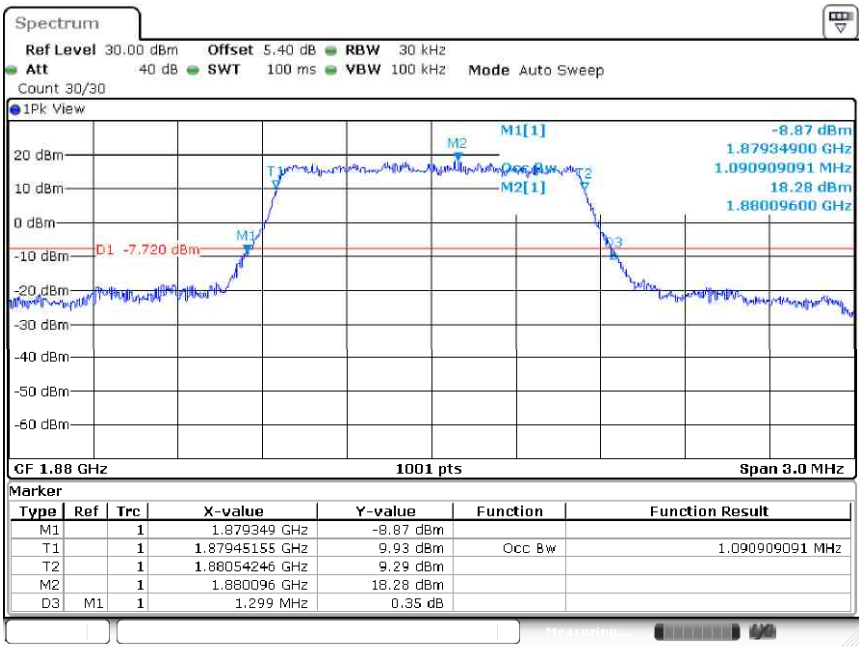

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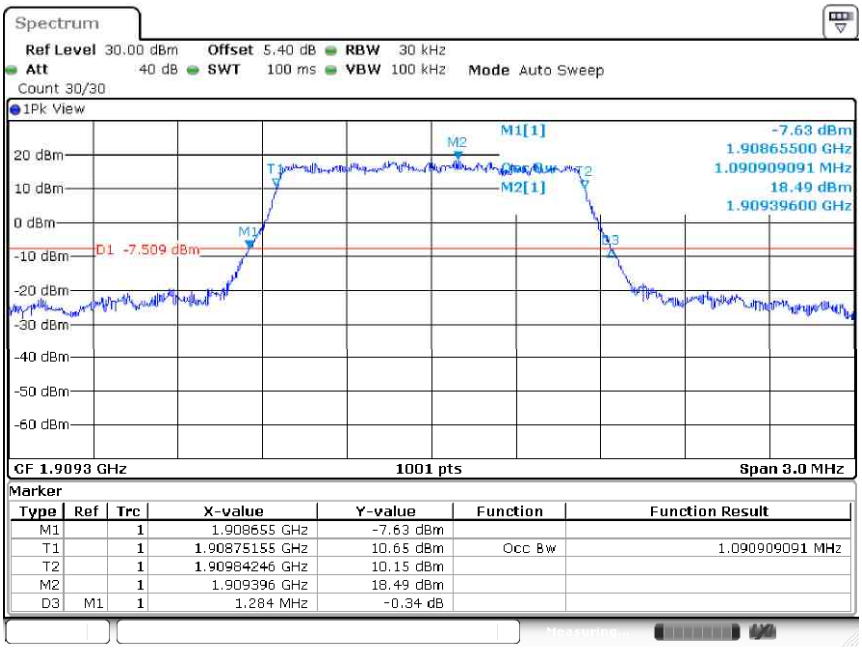
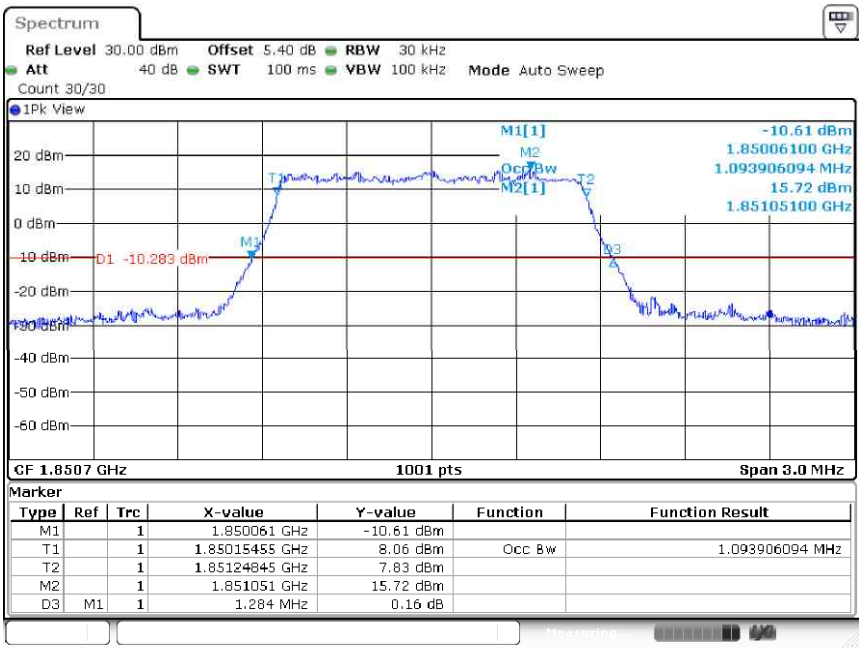
Band2-1.4MHz-QPSK-19193-6RB#0-1.091



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



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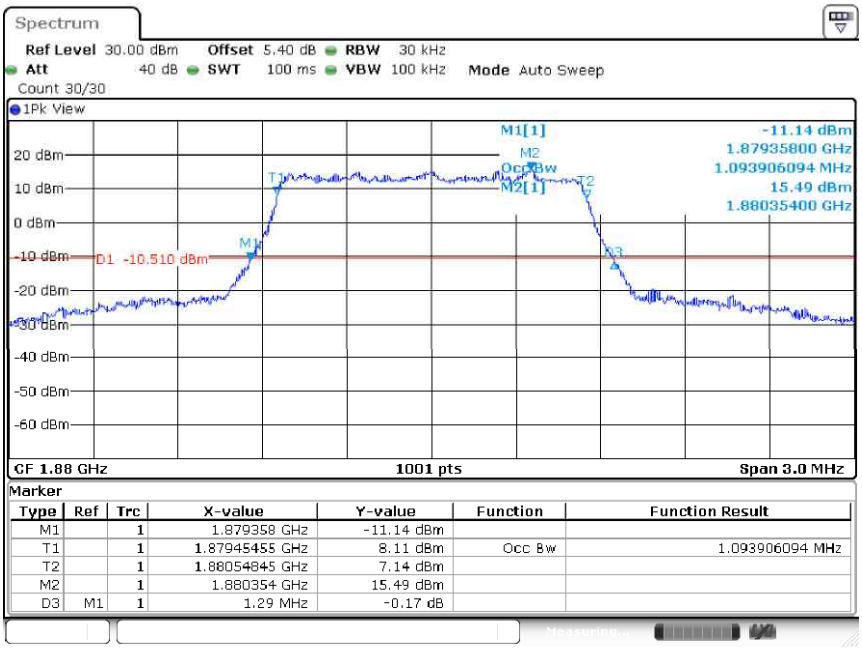
Band2-1.4MHz-64QAM-18900-6RB#0-1.094



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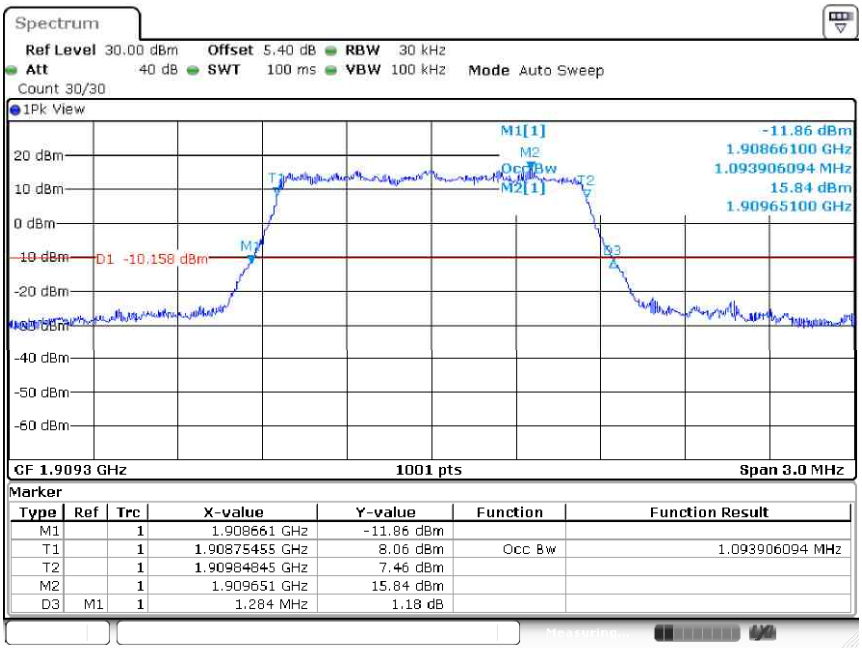

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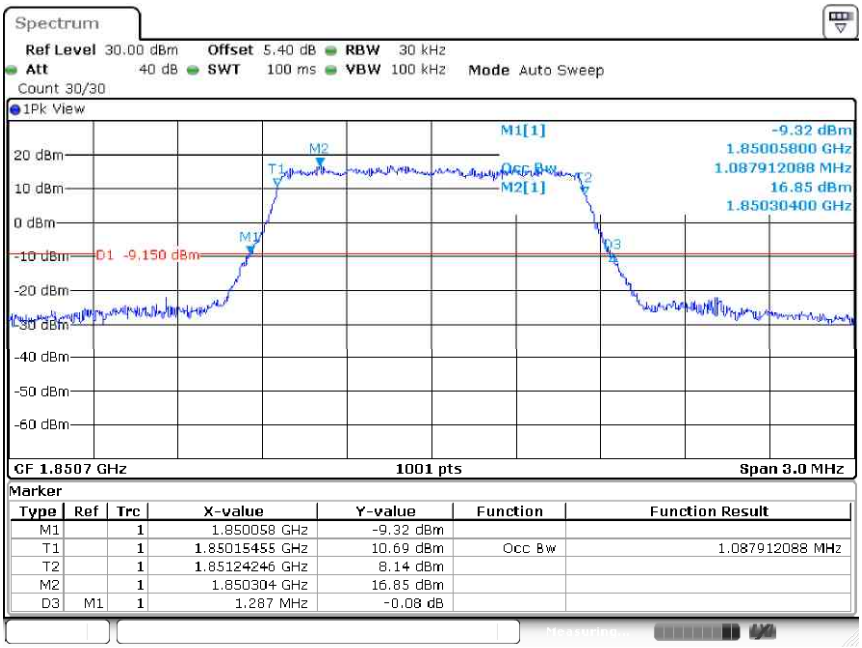
Band2-1.4MHz-16QAM-18607-6RB#0-1.088



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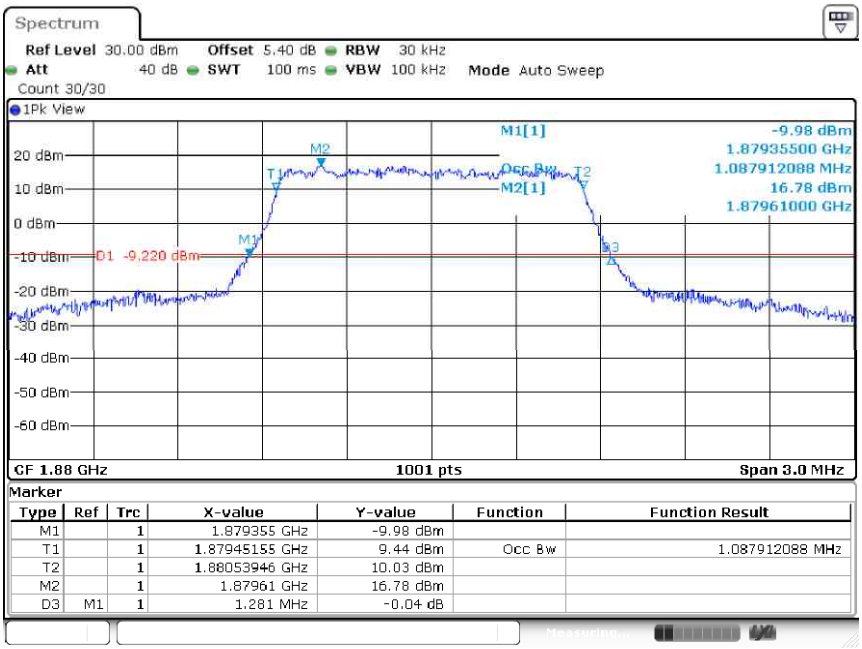
Band2-1.4MHz-16QAM-18900-6RB#0-1.088



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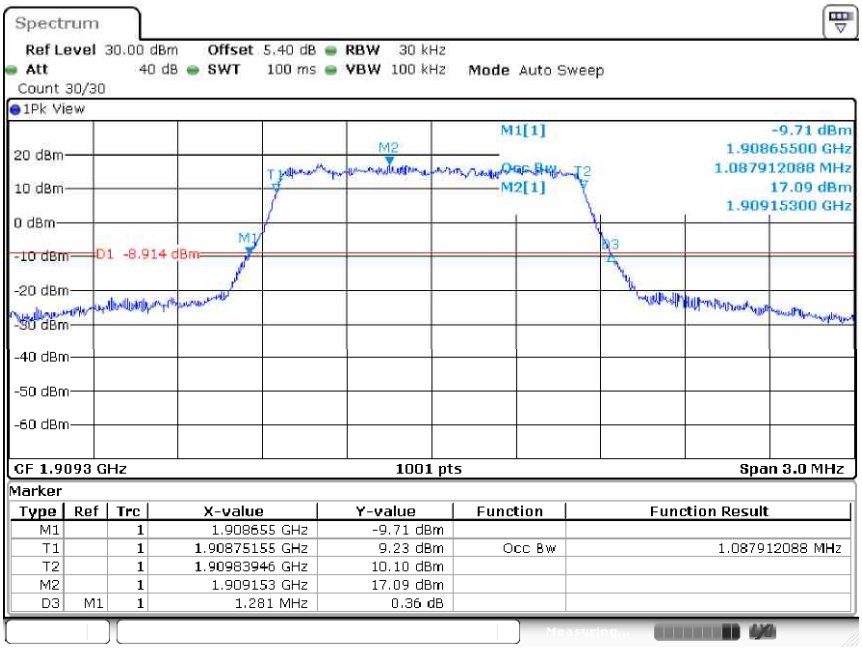
Band2-1.4MHz-16QAM-19193-6RB#0-1.088



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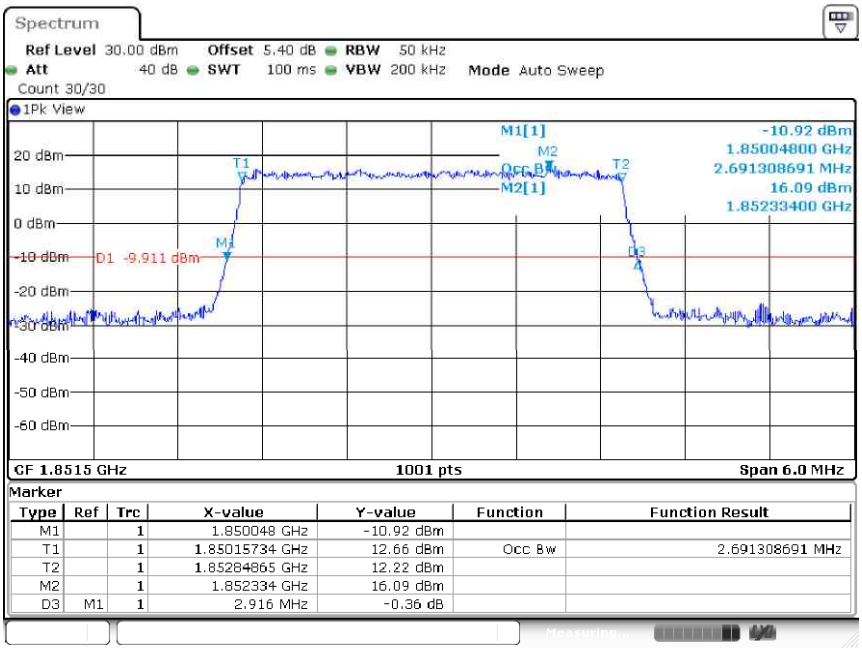

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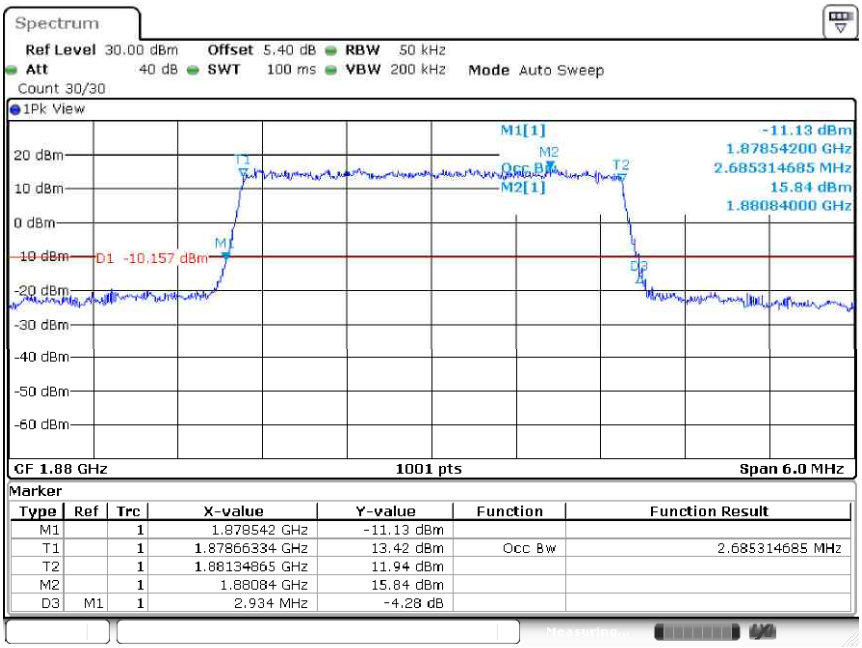
Band2-3MHz-QPSK-18900-15RB#0-2.685



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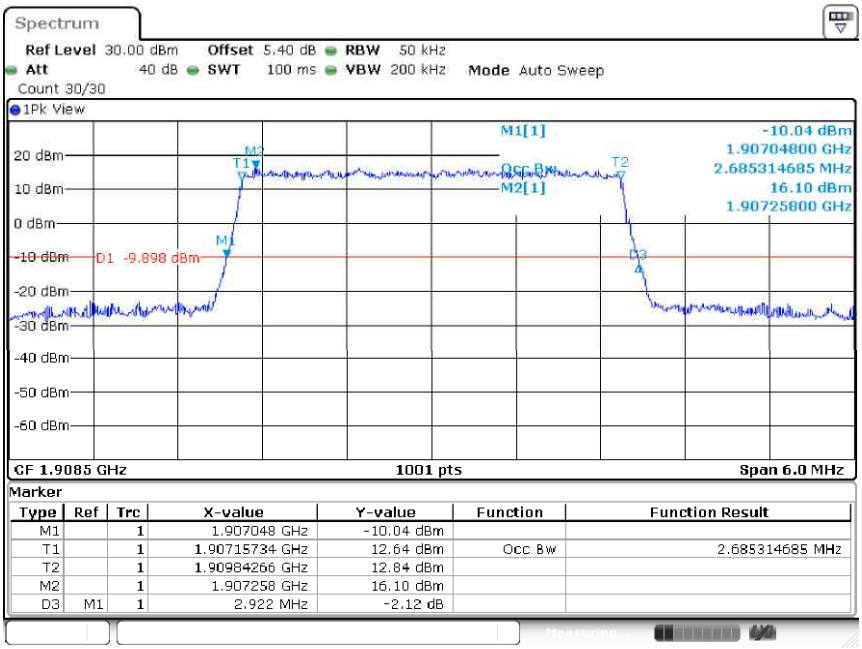

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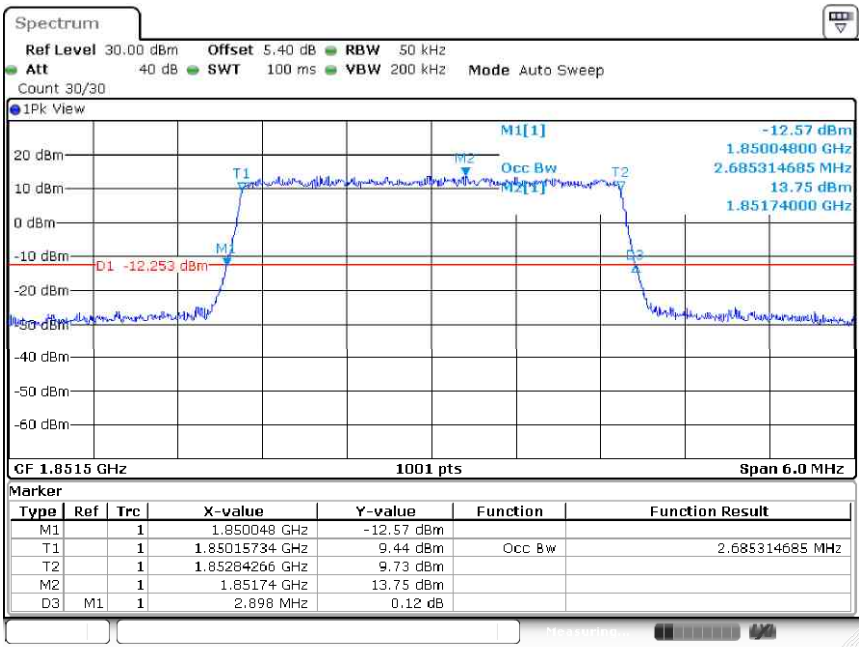
Band2-3MHz-64QAM-18615-15RB#0-2.685

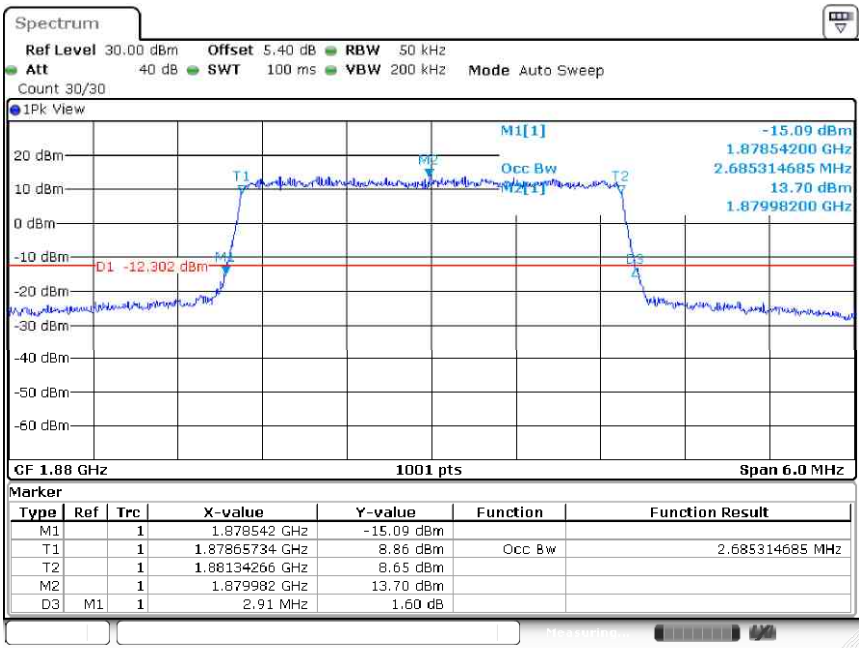


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.850048 GHz	-12.57 dBm		
T1		1	1.85015734 GHz	9.44 dBm	Occ Bw	2.685314685 MHz
T2		1	1.85284266 GHz	9.73 dBm		
M2		1	1.85174 GHz	13.75 dBm		
D3	M1	1	2.898 MHz	0.12 dB		

Date: 23.JUN.2020 14:23:26

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



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.878542 GHz	-15.09 dBm		
T1		1	1.87865734 GHz	8.86 dBm	Occ Bw	2.685314685 MHz
T2		1	1.88134266 GHz	8.65 dBm		
M2		1	1.879982 GHz	13.70 dBm		
D3	M1	1	2.91 MHz	1.60 dB		

Date: 23.JUN.2020 14:23:39

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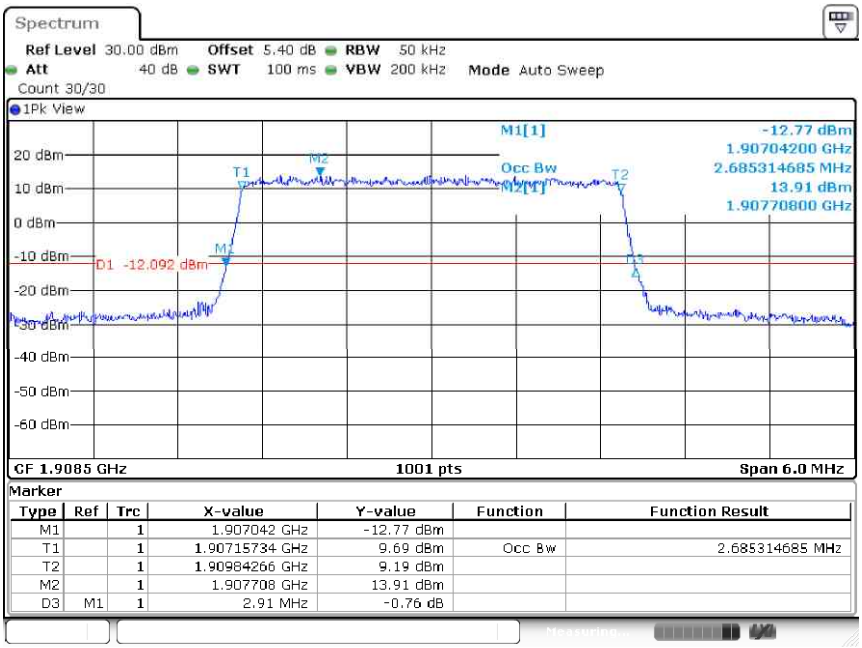
Band2-3MHz-64QAM-19185-15RB#0-2.685



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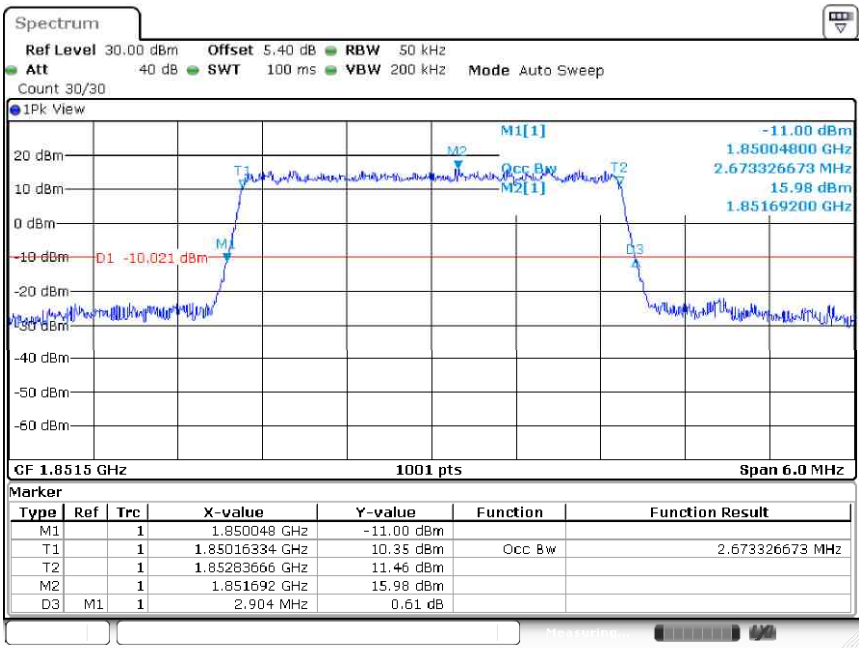
Band2-3MHz-16QAM-18615-15RB#0-2.673



Date: 23.JUN.2020 10:44:25

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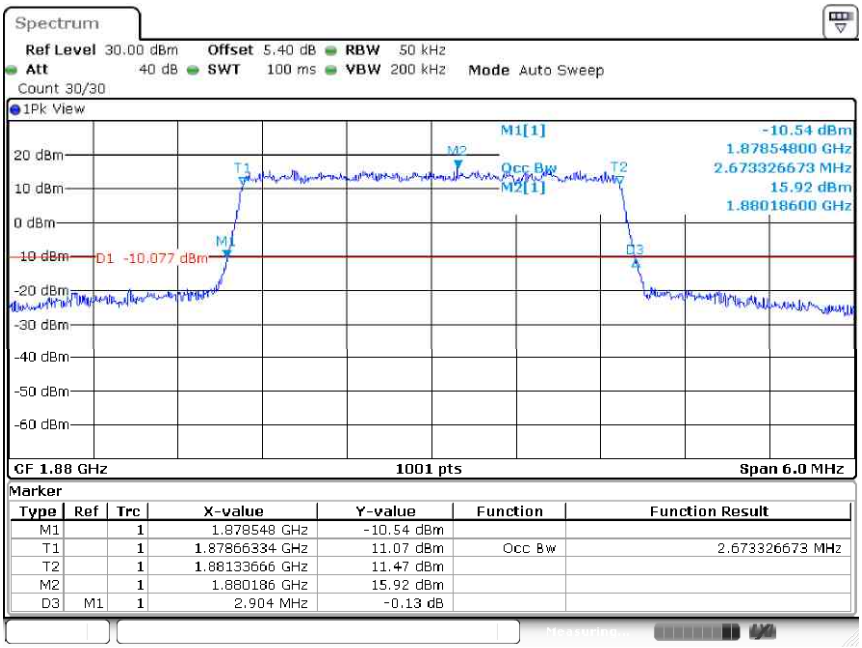
Band2-3MHz-16QAM-18900-15RB#0-2.673



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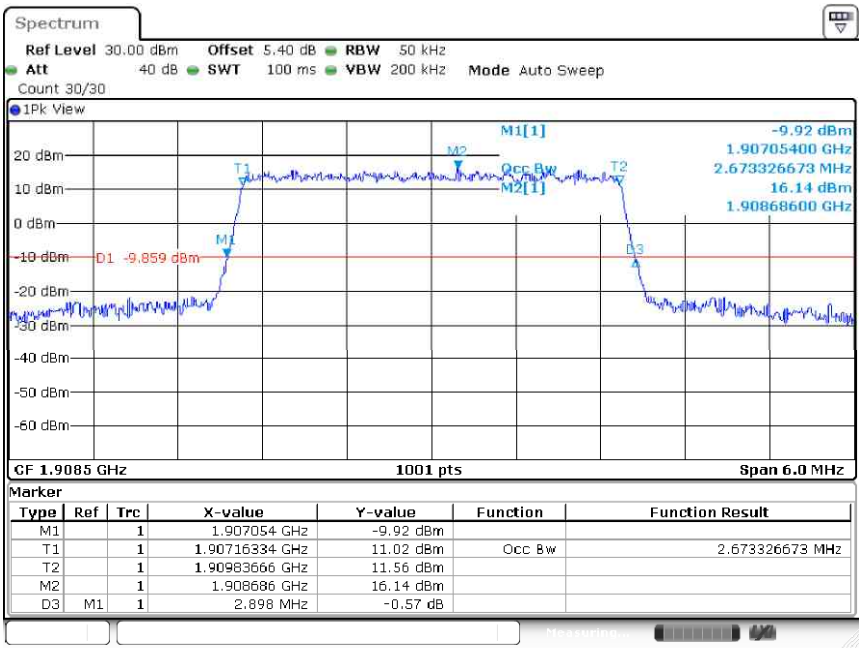
Band2-3MHz-16QAM-19185-15RB#0-2.673



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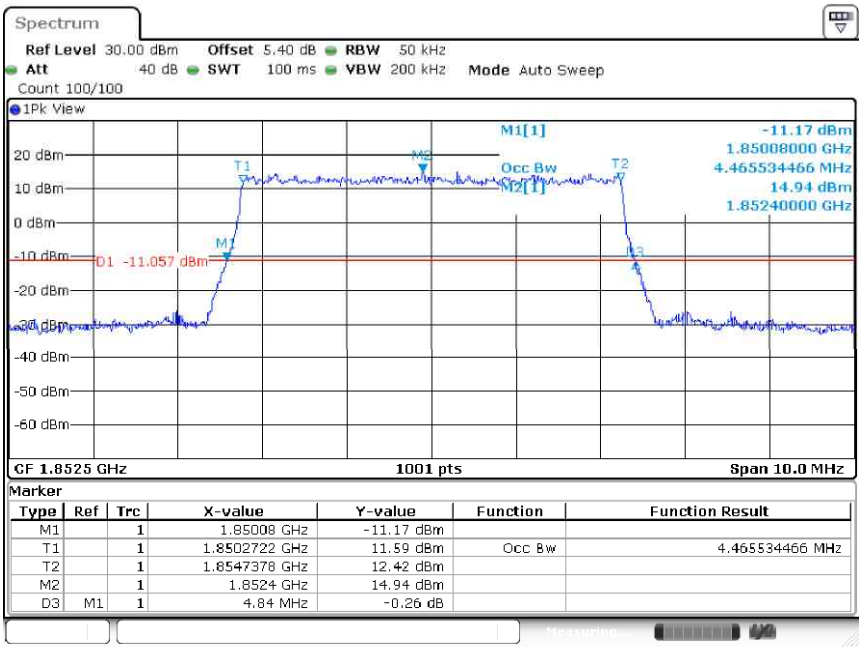
Band2-5MHz-QPSK-18625-25RB#0-4.466



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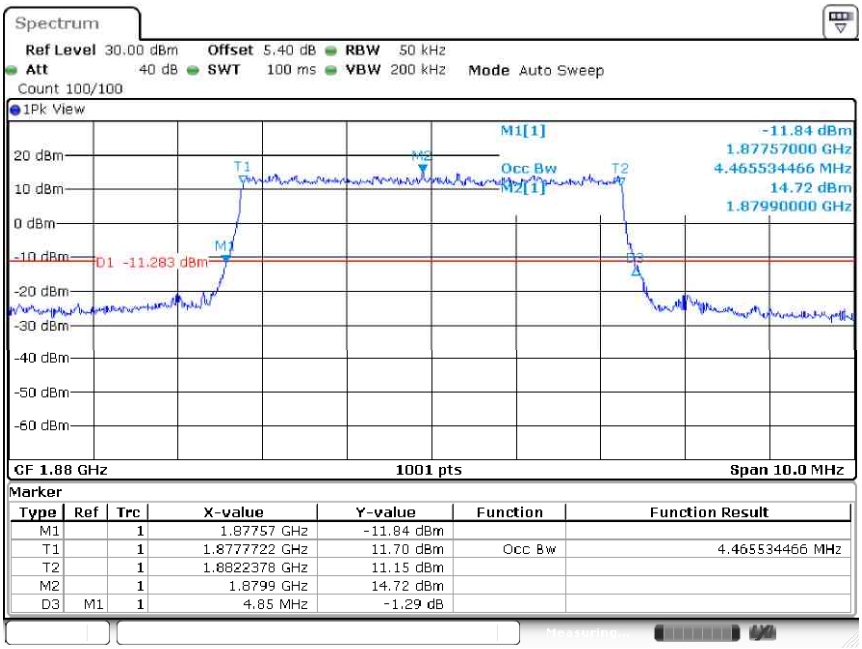
Band2-5MHz-QPSK-18900-25RB#0-4.466



Date: 23.JUN.2020 10:46:21

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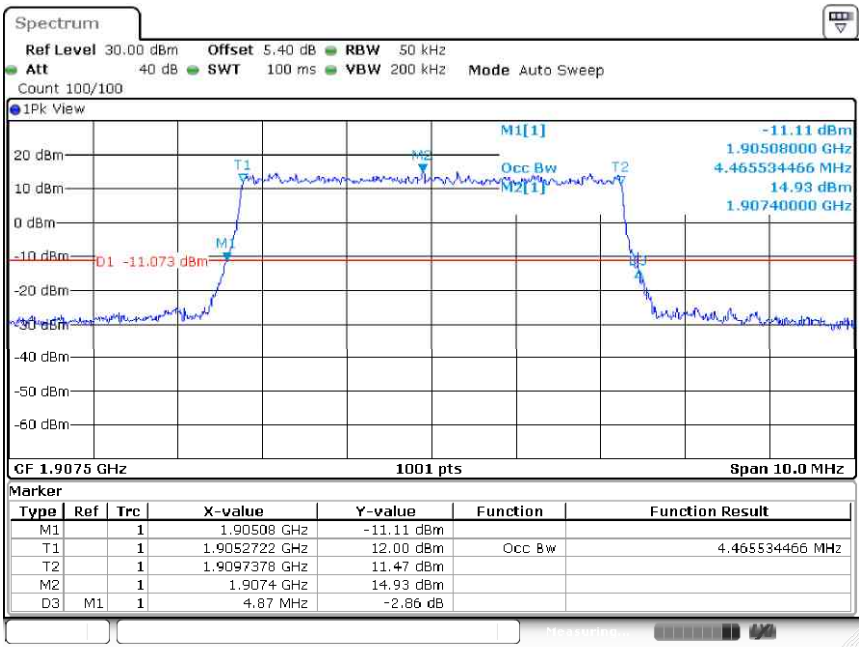
Band2-5MHz-QPSK-19175-25RB#0-4.466



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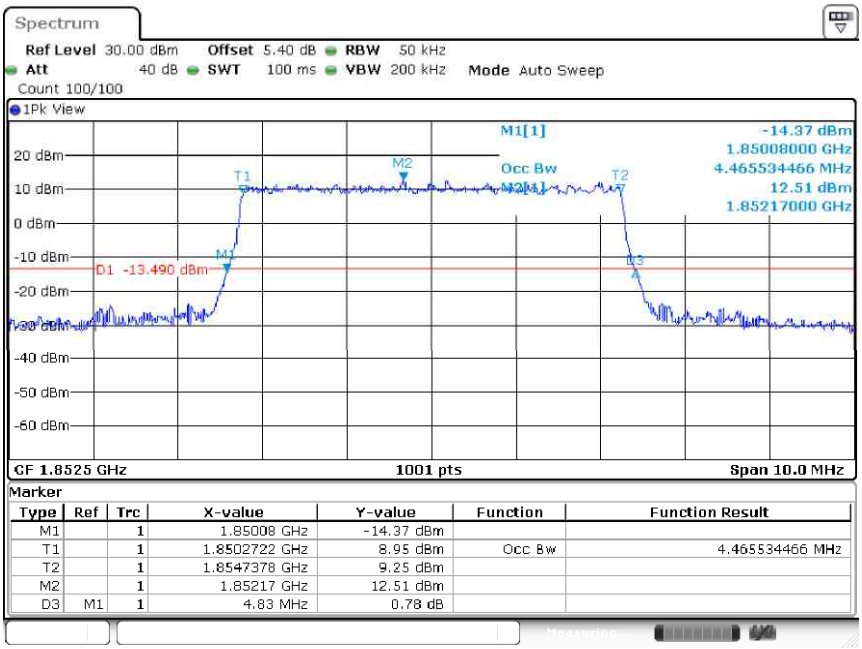
Band2-5MHz-64QAM-18625-25RB#0-4.466



Date: 23.JUN.2020 14:24:16

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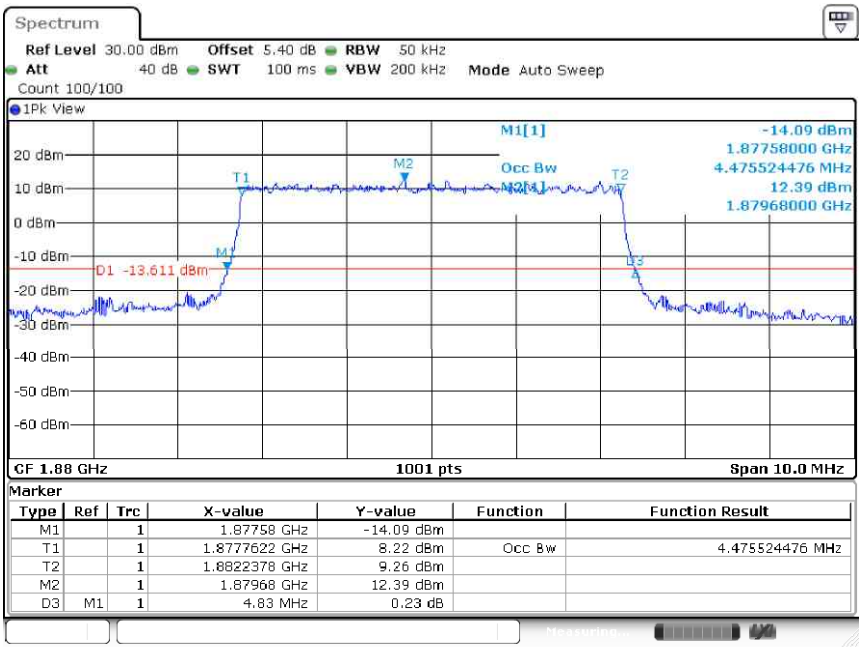
Band2-5MHz-64QAM-18900-25RB#0-4.476



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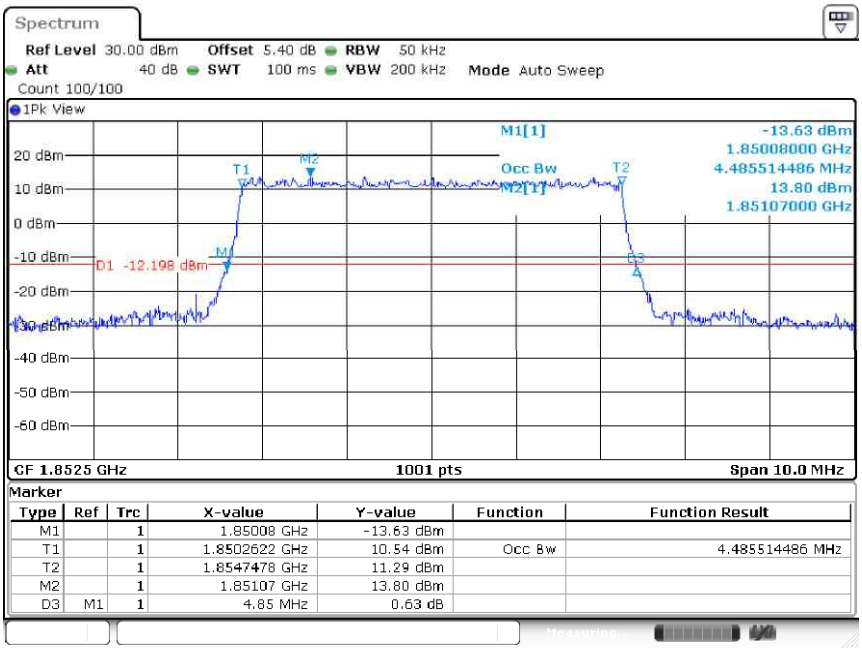
Band2-5MHz-16QAM-18625-25RB#0-4.486



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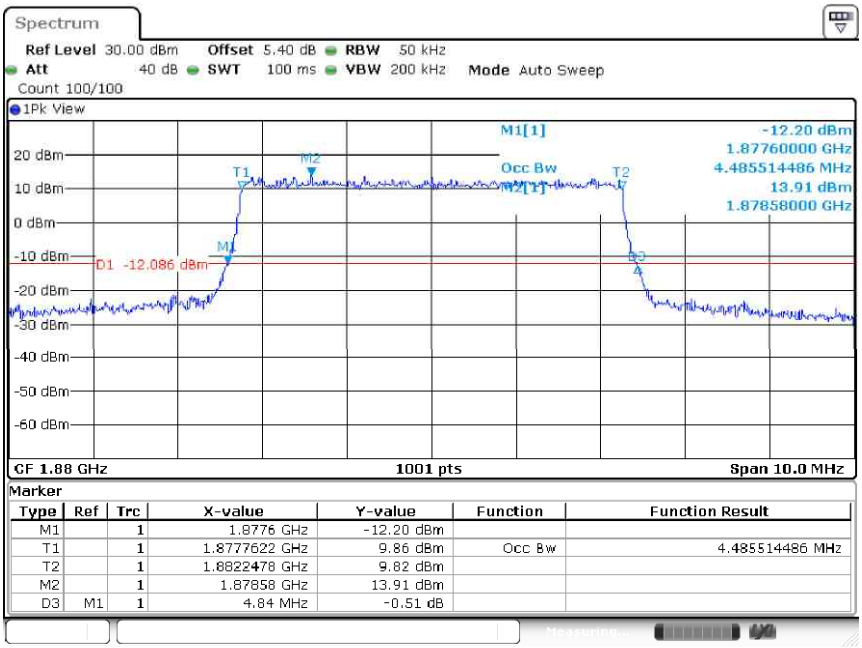
Band2-5MHz-16QAM-18900-25RB#0-4.486



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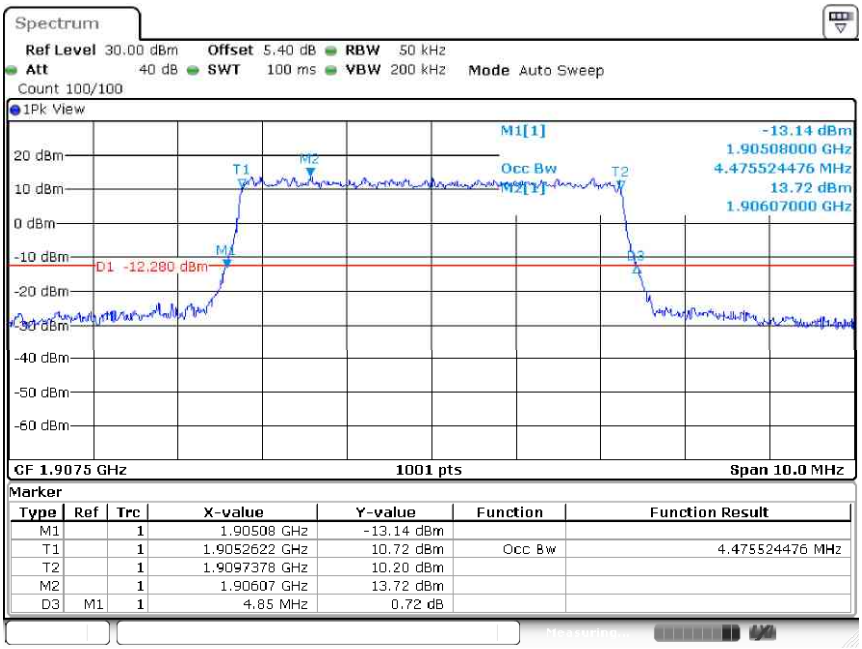
Band2-5MHz-16QAM-19175-25RB#0-4.476



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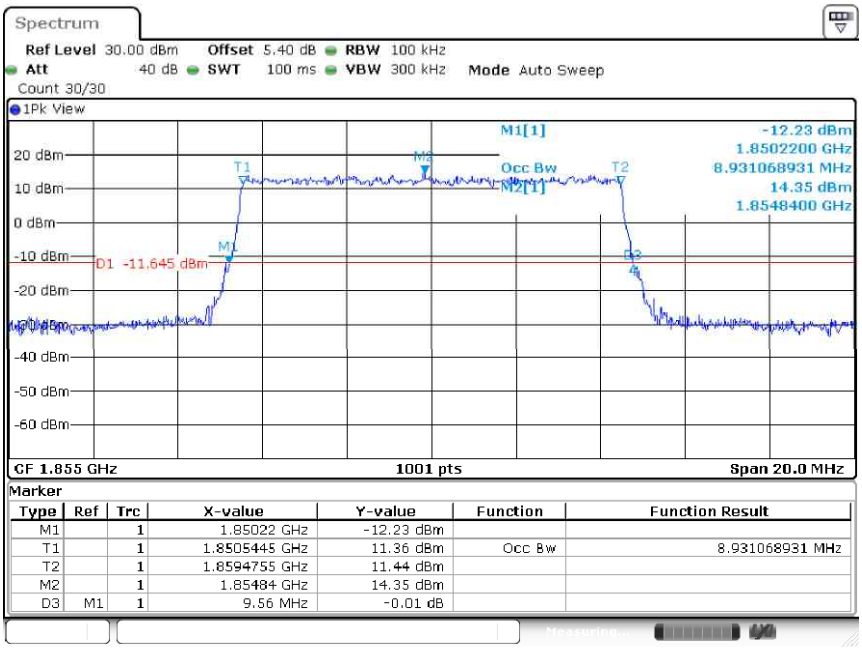
Band2-10MHz-QPSK-18650-50RB#0-8.931

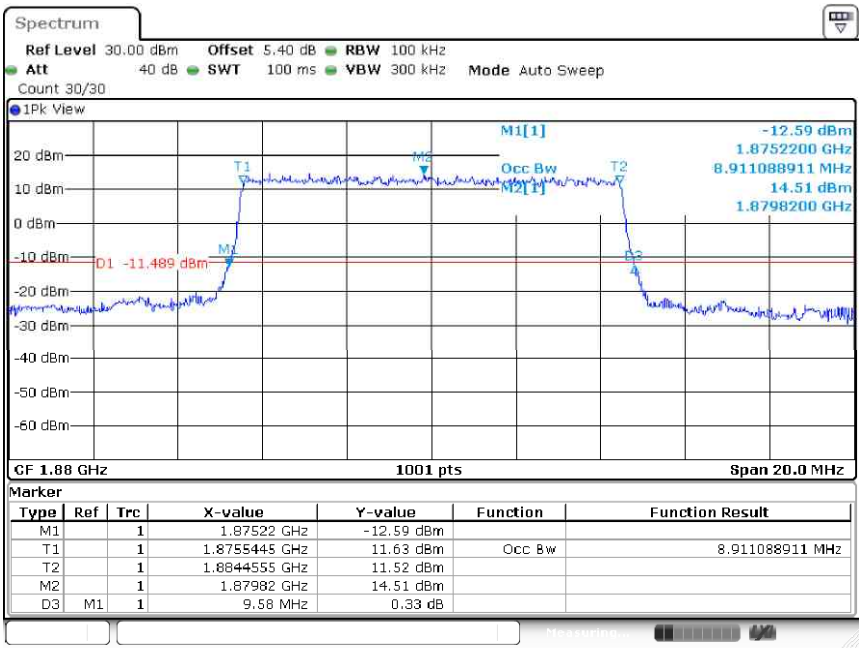


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.85022 GHz	-12.23 dBm		
T1		1	1.8505445 GHz	11.36 dBm	Occ Bw	8.931068931 MHz
T2		1	1.8594755 GHz	11.44 dBm		
M2		1	1.85484 GHz	14.35 dBm		
D3	M1	1	9.56 MHz	-0.01 dB		

Date: 23.JUN.2020 10:47:38

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



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.87522 GHz	-12.59 dBm		
T1		1	1.8755445 GHz	11.63 dBm	Occ Bw	8.911088911 MHz
T2		1	1.8844555 GHz	11.52 dBm		
M2		1	1.87982 GHz	14.51 dBm		
D3	M1	1	9.58 MHz	0.33 dB		

Date: 23.JUN.2020 10:48:03

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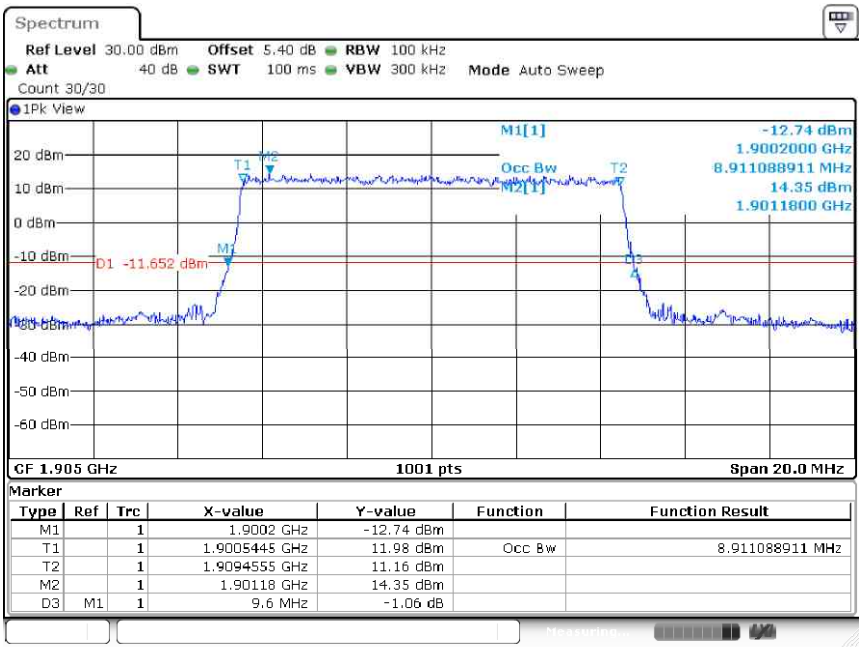
Band2-10MHz-QPSK-19150-50RB#0-8.911



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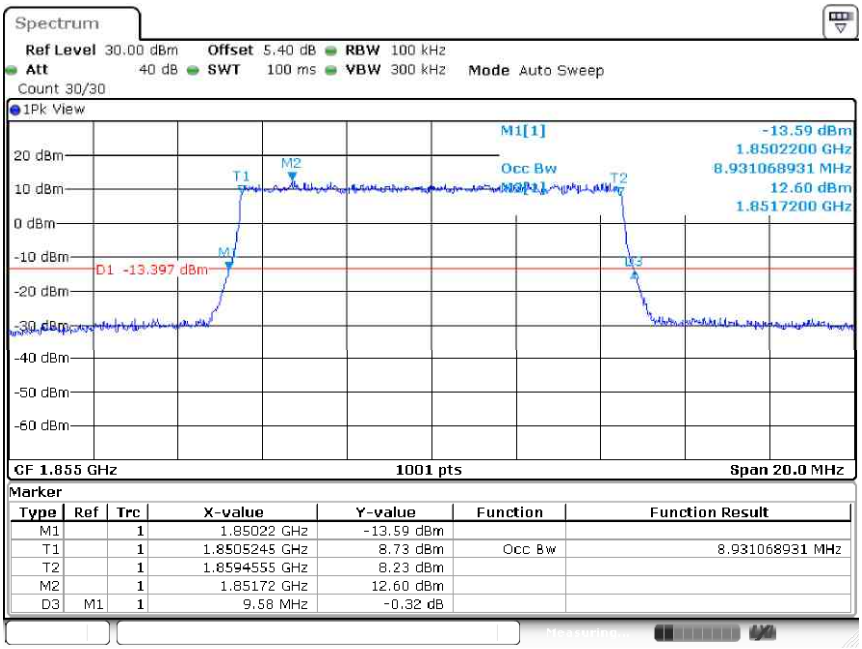
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.9002 GHz	-12.74 dBm		
T1		1	1.9005445 GHz	11.98 dBm	Occ Bw	8.911088911 MHz
T2		1	1.9094555 GHz	11.16 dBm		
M2		1	1.90118 GHz	14.35 dBm		
D3	M1	1	9.6 MHz	-1.06 dB		

Date: 23.JUN.2020 10:48:29

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



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.85022 GHz	-13.59 dBm		
T1		1	1.8505245 GHz	8.73 dBm	Occ Bw	8.931068931 MHz
T2		1	1.8594555 GHz	8.23 dBm		
M2		1	1.85172 GHz	12.60 dBm		
D3	M1	1	9.58 MHz	-0.32 dB		

Date: 24.JUN.2020 01:39:41

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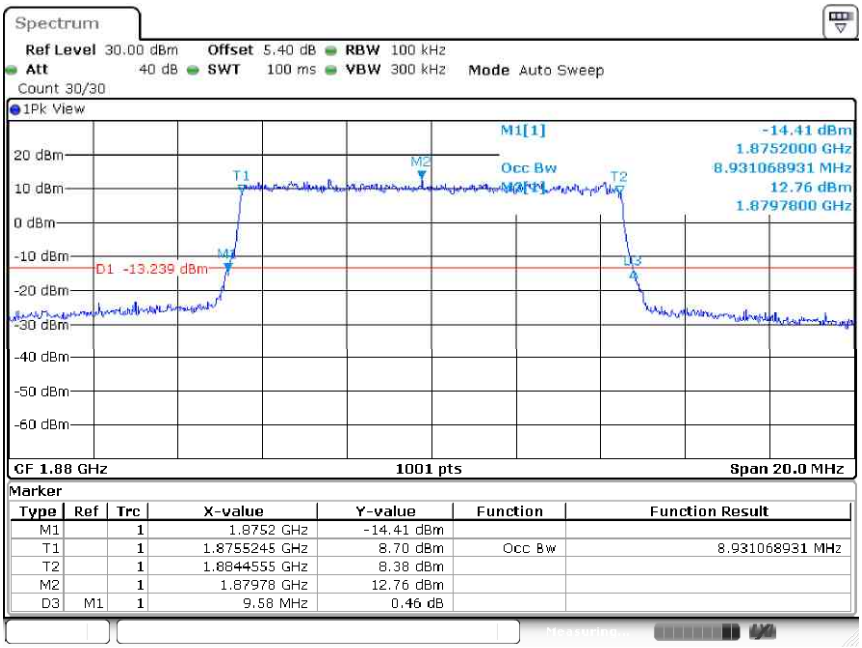
Band2-10MHz-64QAM-18900-50RB#0-8.931



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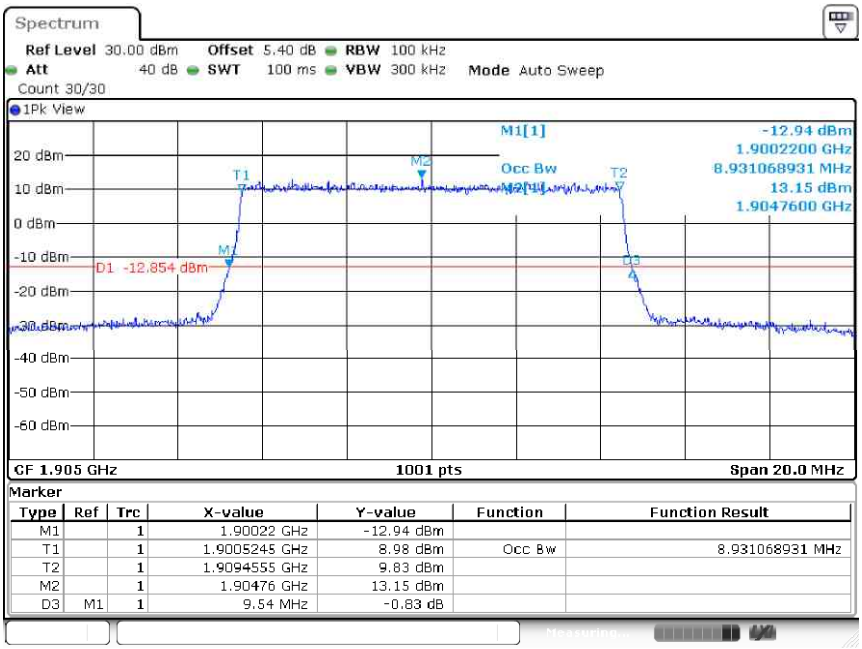

Date: 24.JUN.2020 01:40:07

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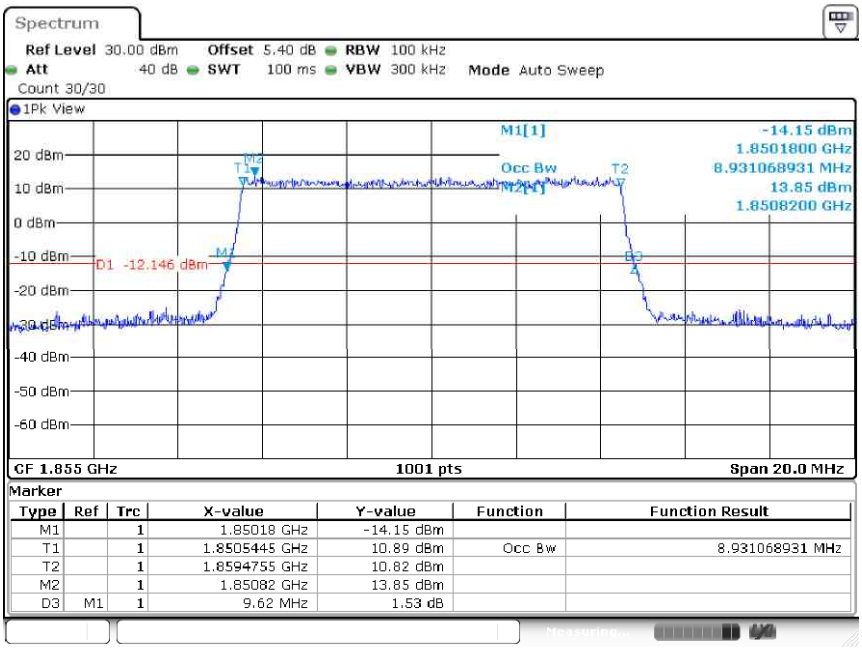
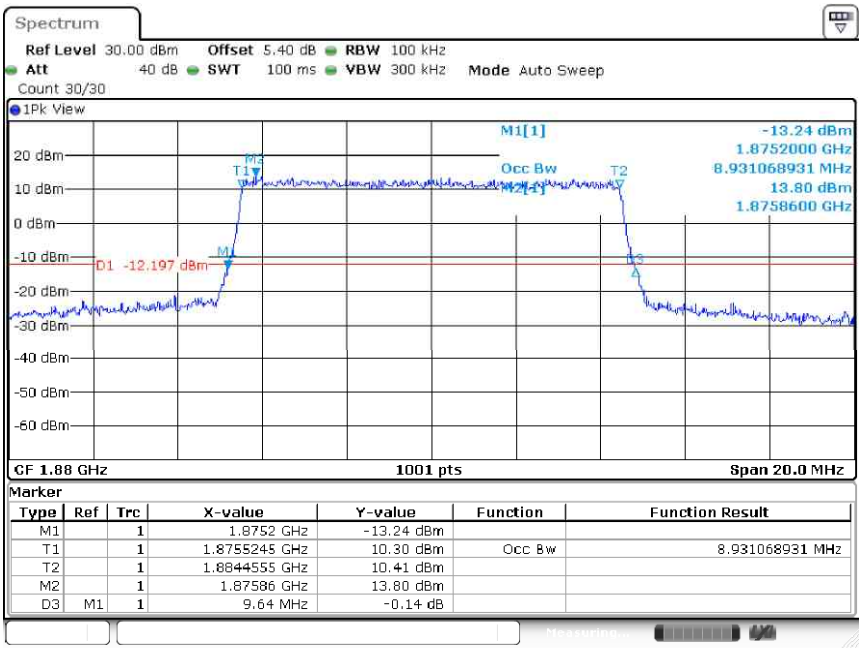
Band2-10MHz-16QAM-18650-50RB#0-8.931



Date: 23.JUN.2020 10:47:50

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



Date: 23.JUN.2020 10:48:16

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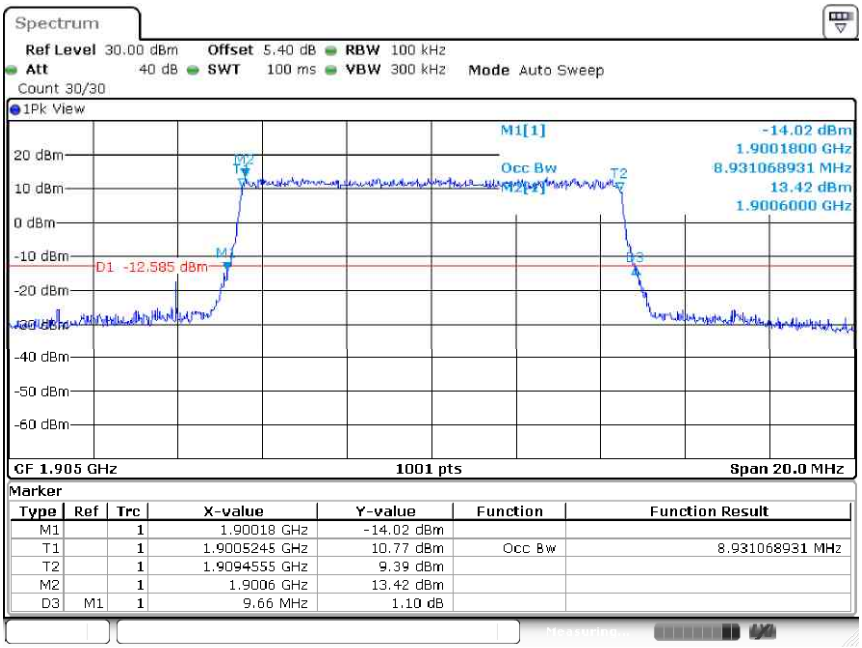
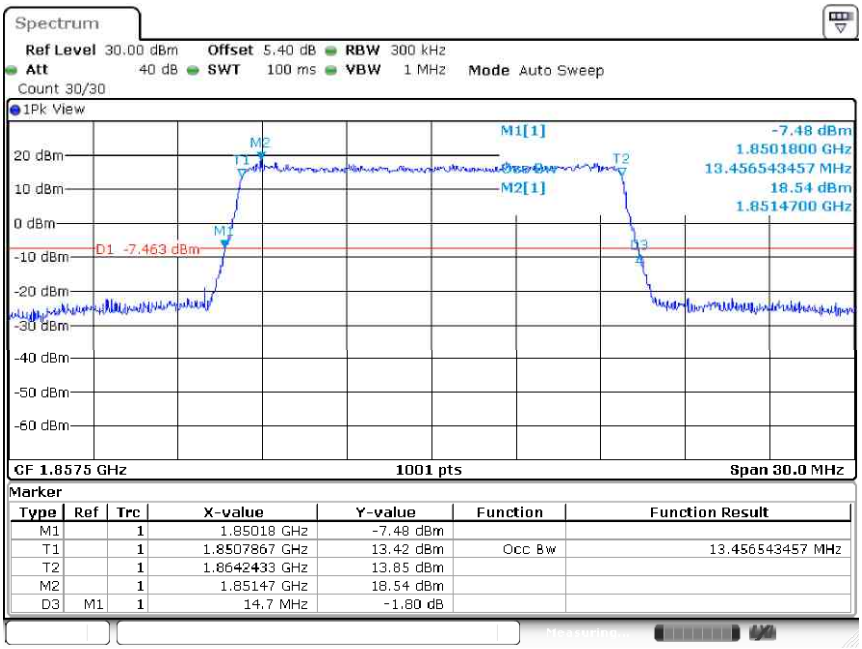
Band2-10MHz-16QAM-19150-50RB#0-8.931



Date: 23.JUN.2020 10:48:42

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



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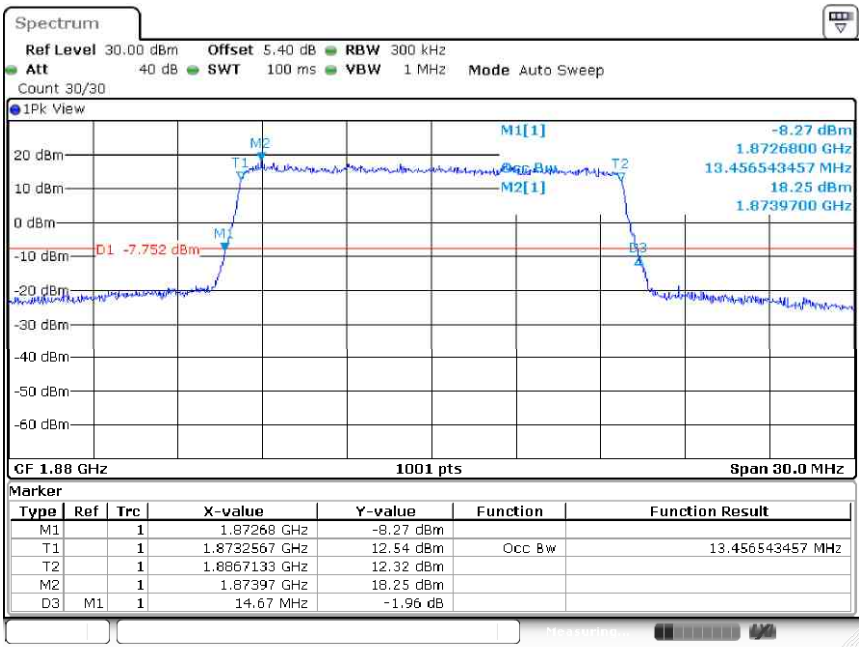
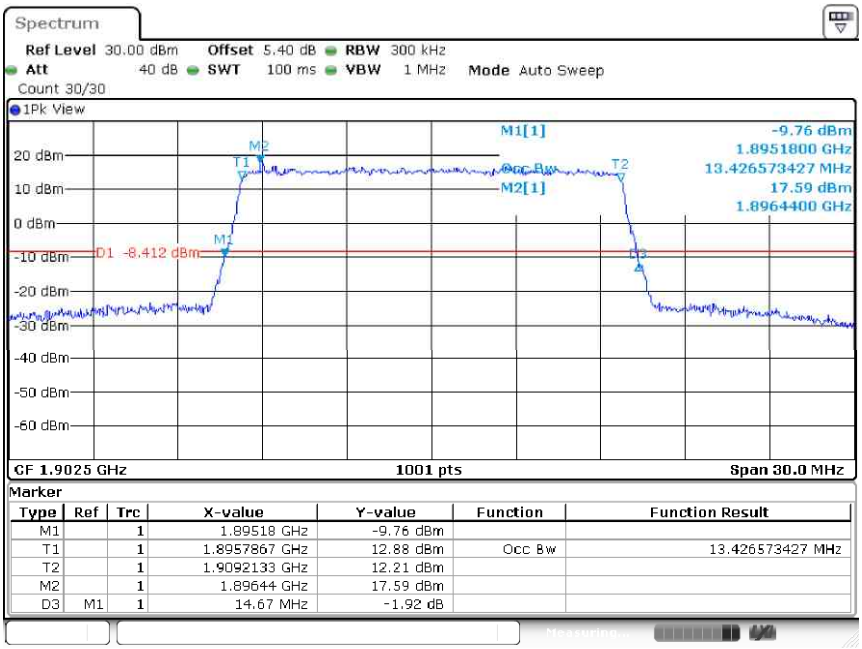
Band2-15MHz-QPSK-18900-75RB#0-13.457



Date: 23.JUN.2020 10:49:25

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



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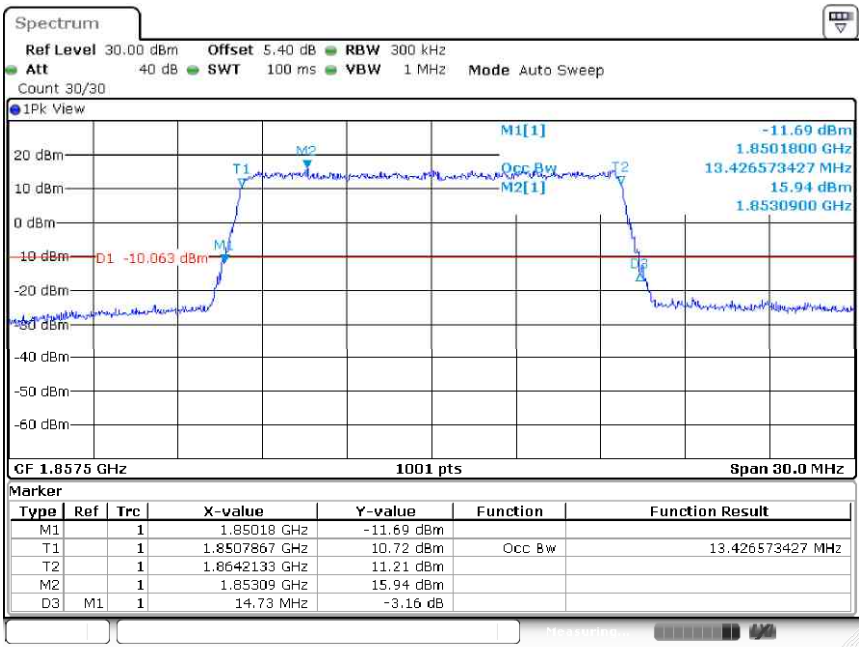
Band2-15MHz-64QAM-18675-75RB#0-13.427

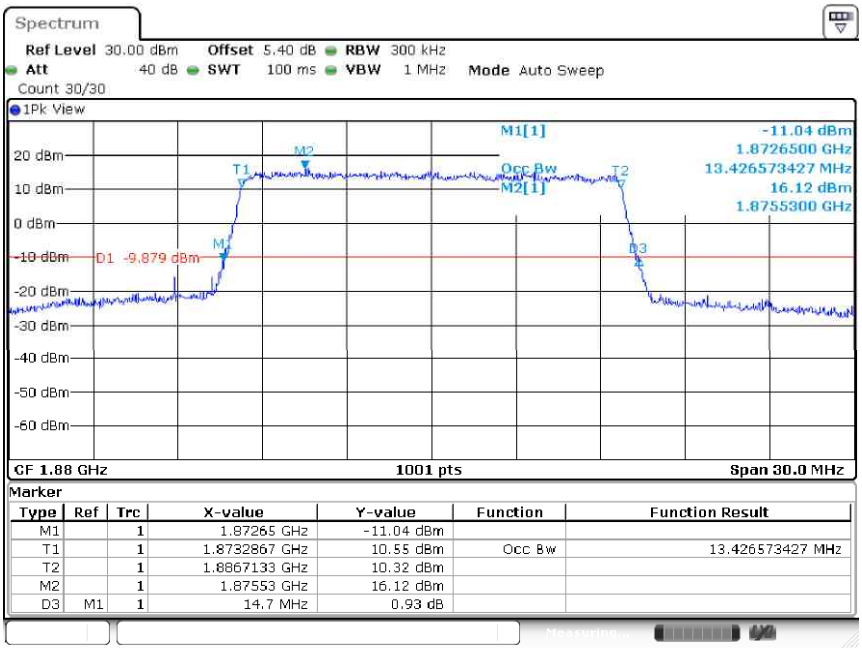


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.85018 GHz	-11.69 dBm		
T1		1	1.8507867 GHz	10.72 dBm	Occ Bw	13.426573427 MHz
T2		1	1.8642133 GHz	11.21 dBm		
M2		1	1.85309 GHz	15.94 dBm		
D3	M1	1	14.73 MHz	-3.16 dB		

Date: 24.JUN.2020 01:40:24

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



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T1		1	1.8732867 GHz	10.55 dBm	Occ Bw	13.426573427 MHz
T2		1	1.8867133 GHz	10.32 dBm		
M2		1	1.87553 GHz	16.12 dBm		
D3	M1	1	14.7 MHz	0.93 dB		

Date: 24.JUN.2020 01:40:37

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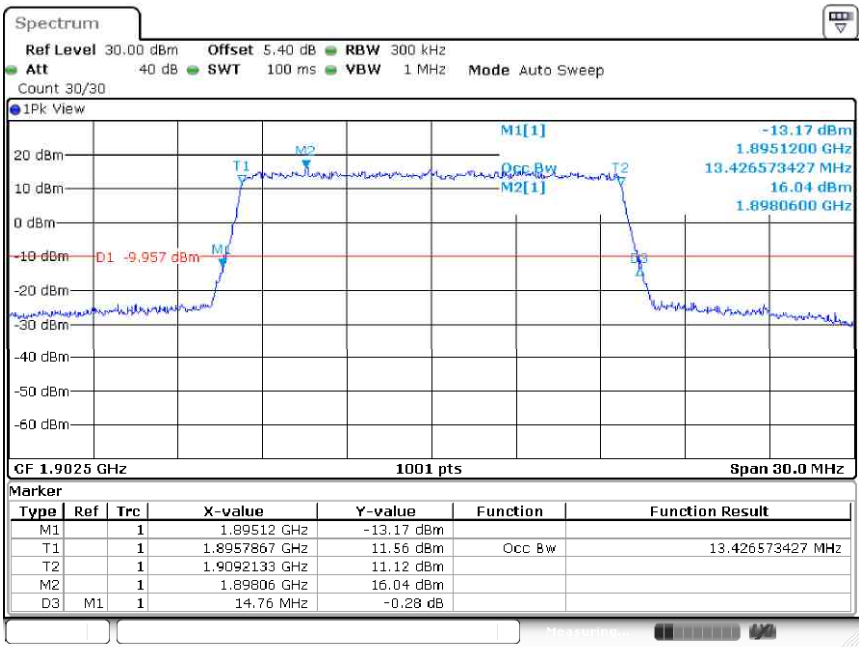
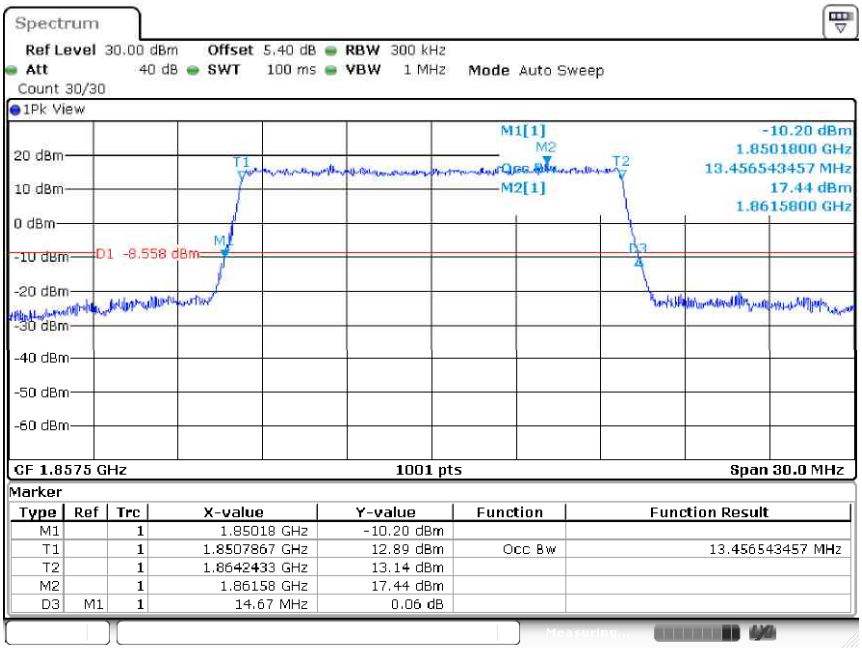
Band2-15MHz-64QAM-19125-75RB#0-13.427



Date: 24.JUN.2020 01:40:50

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



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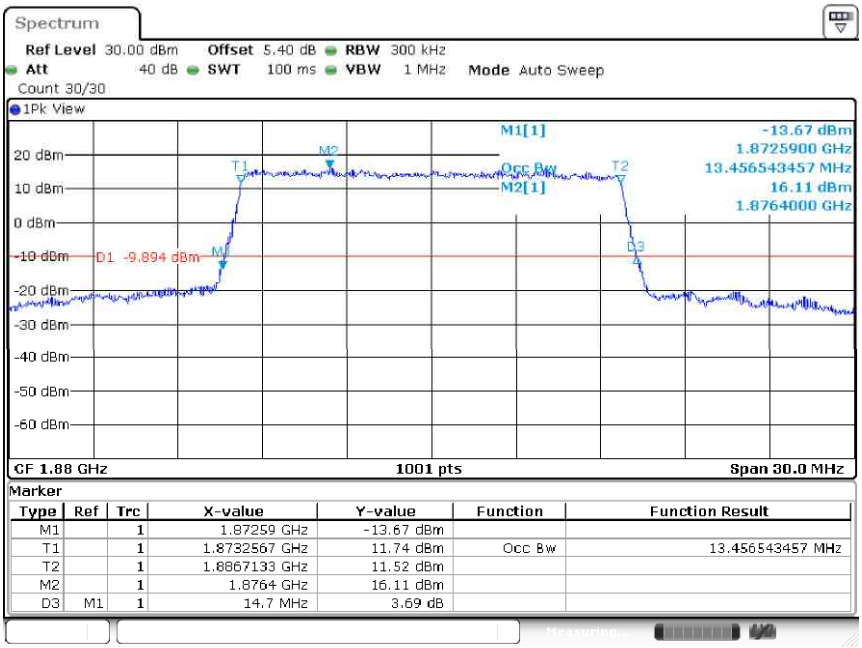
Band2-15MHz-16QAM-18900-75RB#0-13.457



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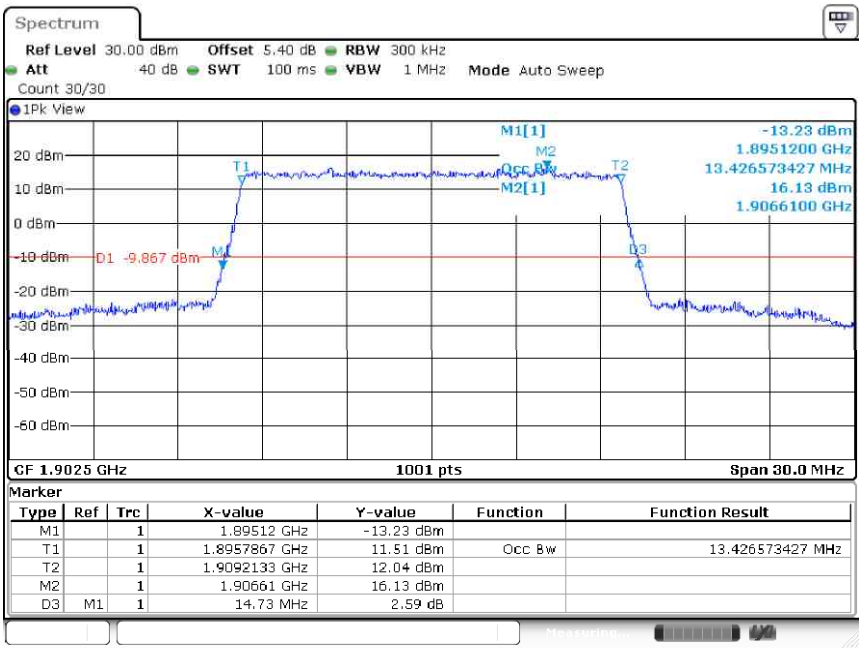
Band2-15MHz-16QAM-19125-75RB#0-13.427



Date: 23.JUN.2020 10:50:03

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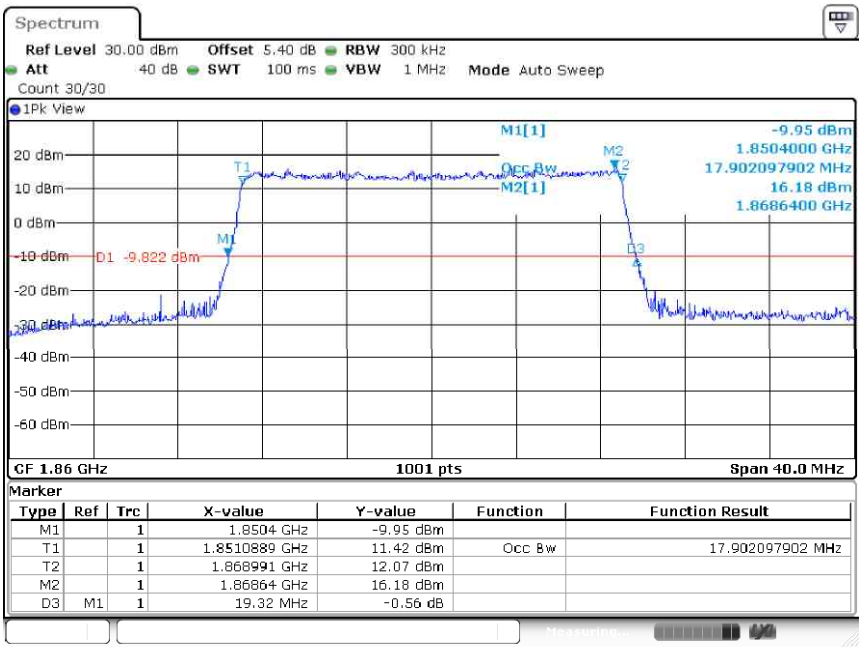
Band2-20MHz-QPSK-18700-100RB#0-17.902



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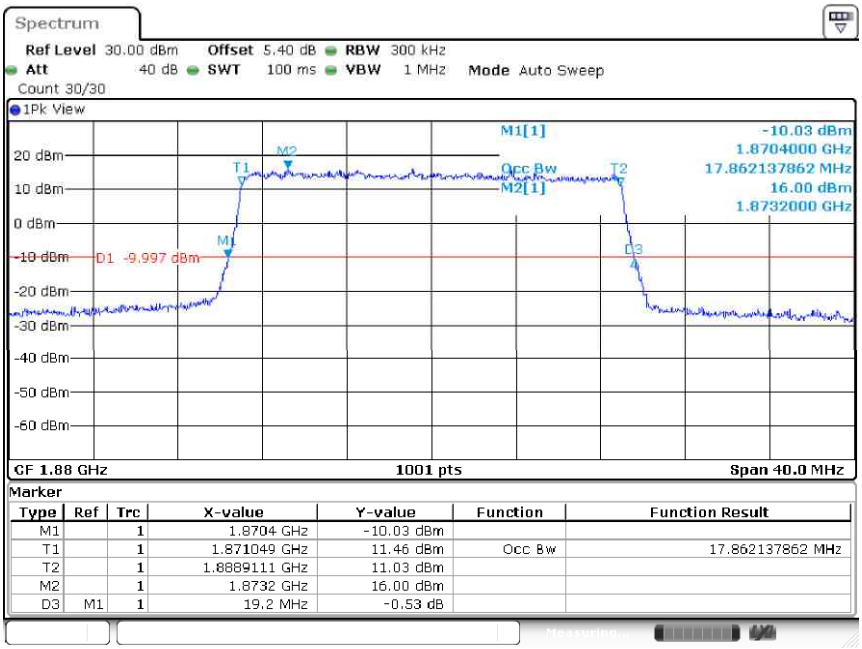
Band2-20MHz-QPSK-18900-100RB#0-17.862



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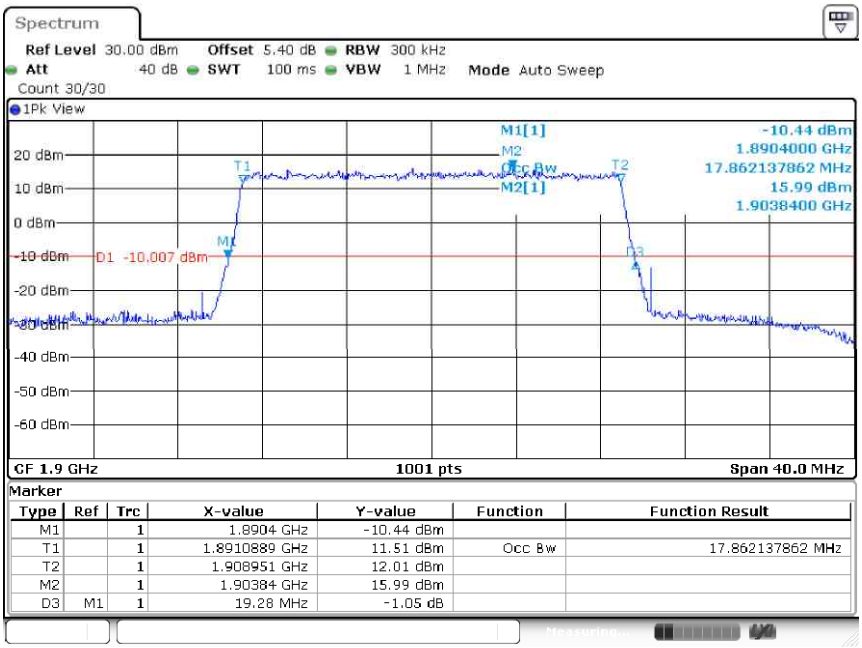
Band2-20MHz-QPSK-19100-100RB#0-17.862



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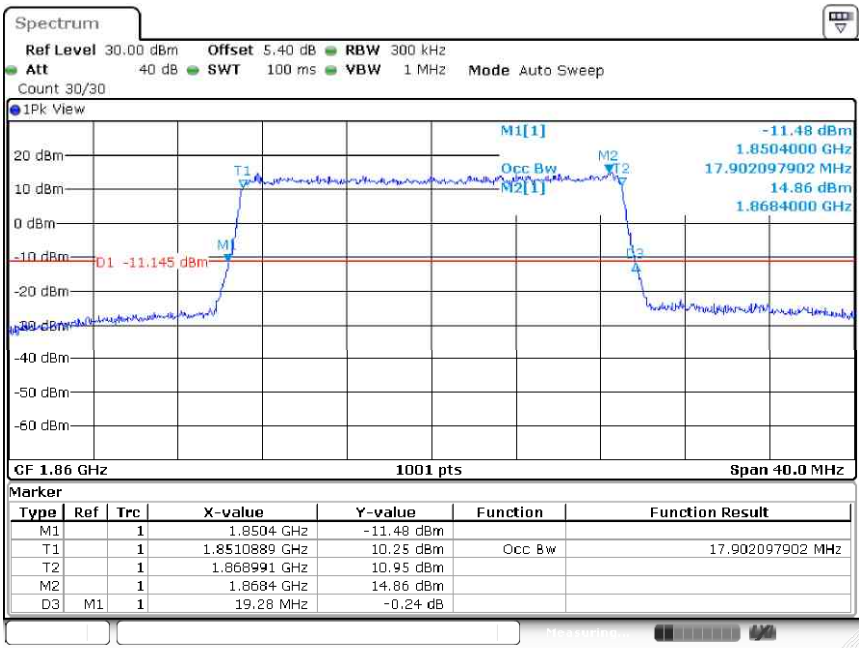
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.8904 GHz	-10.44 dBm		
T1		1	1.8910889 GHz	11.51 dBm	Occ Bw	17.862137862 MHz
T2		1	1.908951 GHz	12.01 dBm		
M2		1	1.90384 GHz	15.99 dBm		
D3	M1	1	19.28 MHz	-1.05 dB		

Date: 23.JUN.2020 10:51:12

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



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.8504 GHz	-11.48 dBm		
T1		1	1.8510889 GHz	10.25 dBm	Occ Bw	17.902097902 MHz
T2		1	1.868991 GHz	10.95 dBm		
M2		1	1.8684 GHz	14.86 dBm		
D3	M1	1	19.28 MHz	-0.24 dB		

Date: 24.JUN.2020 01:41:08

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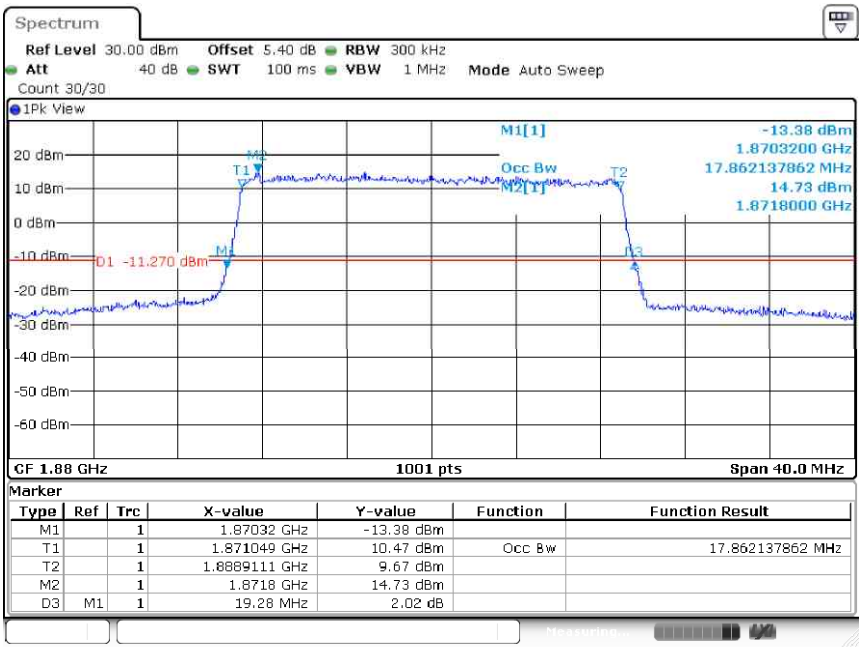
Band2-20MHz-64QAM-18900-100RB#0-17.862



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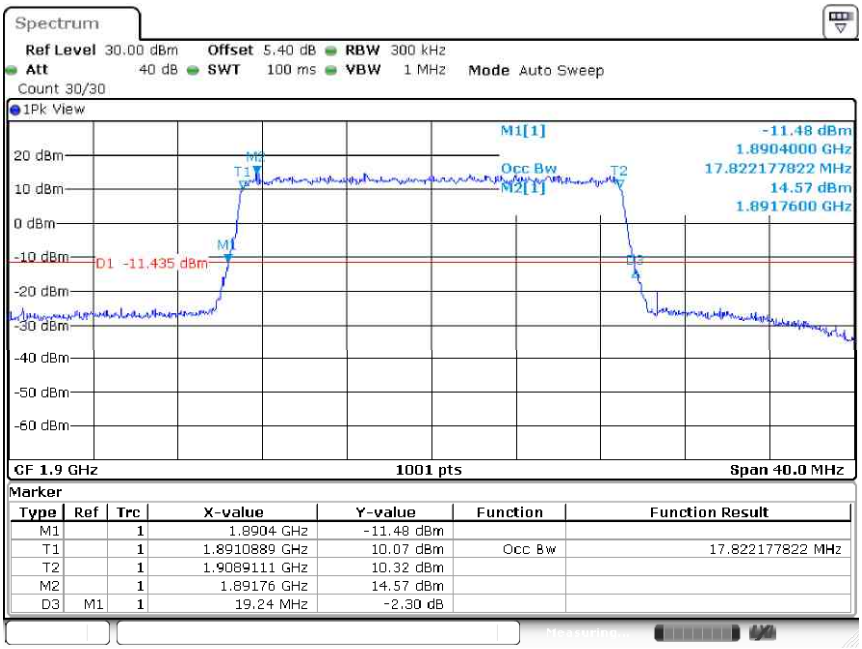
Band2-20MHz-64QAM-19100-100RB#0-17.822



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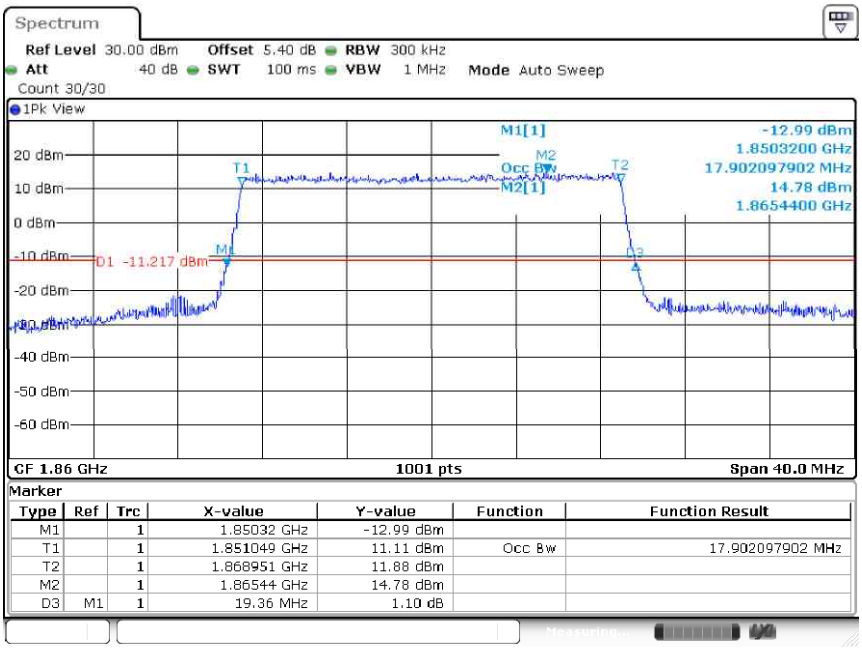
Band2-20MHz-16QAM-18700-100RB#0-17.902



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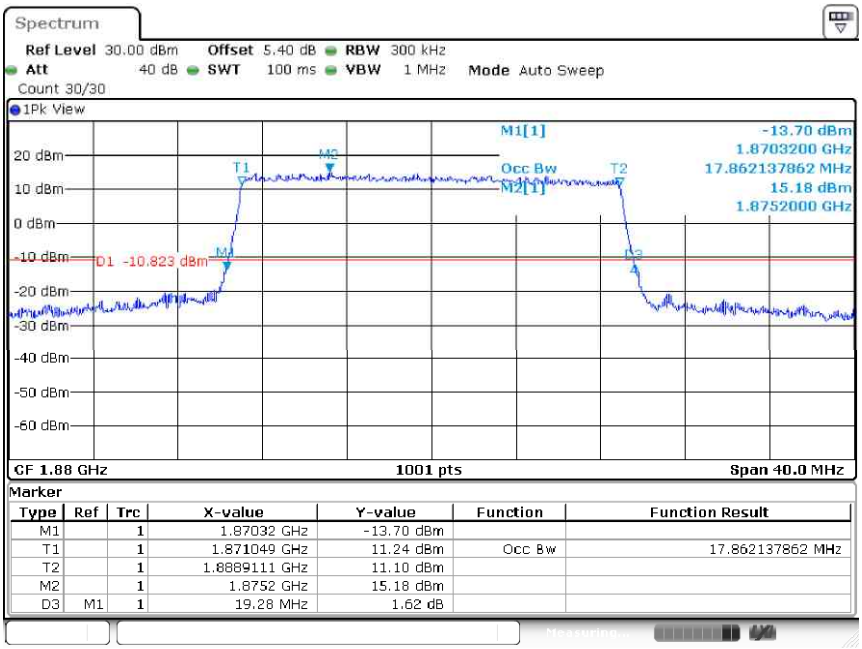
Band2-20MHz-16QAM-18900-100RB#0-17.862



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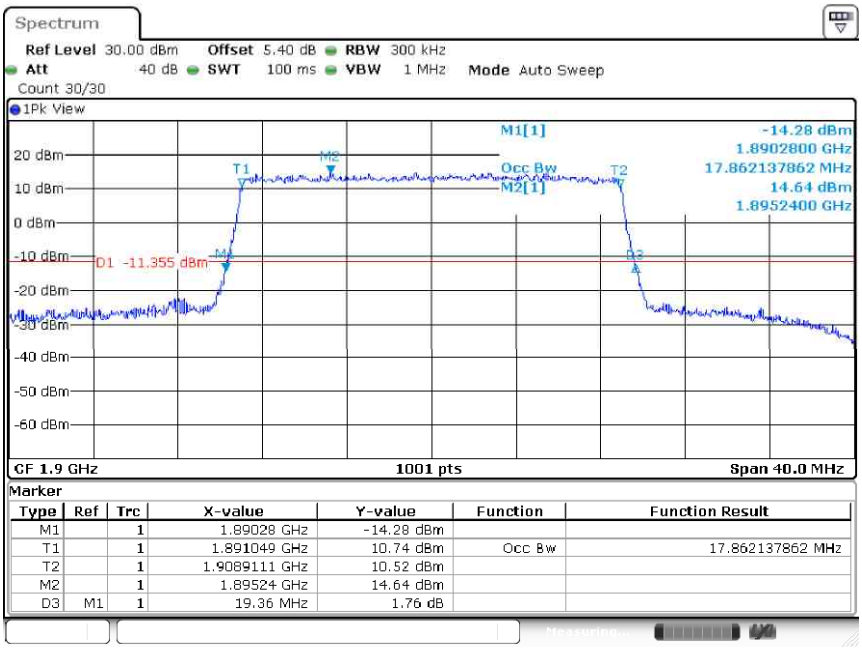

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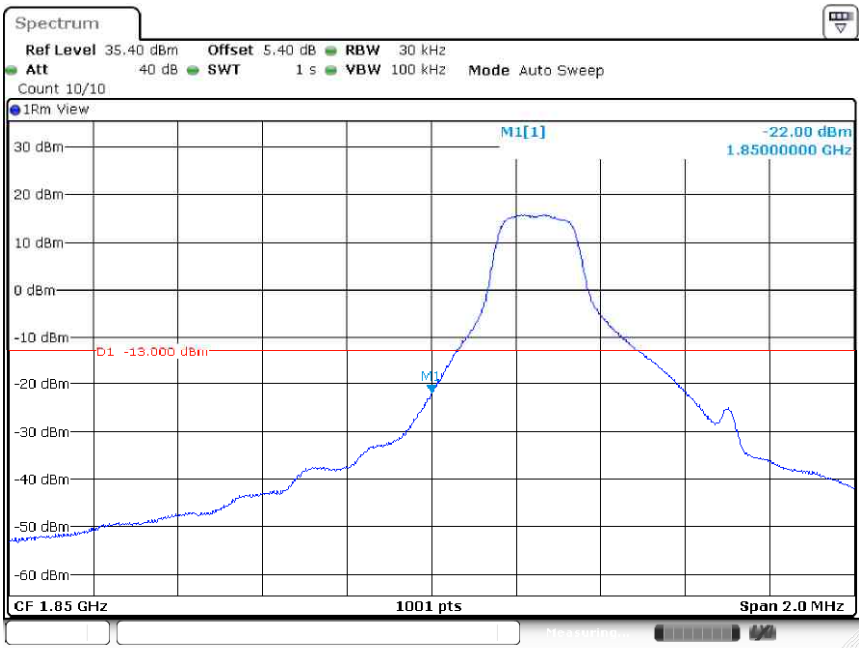
5. Band Edge Compliance

5.1. Test Plots

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



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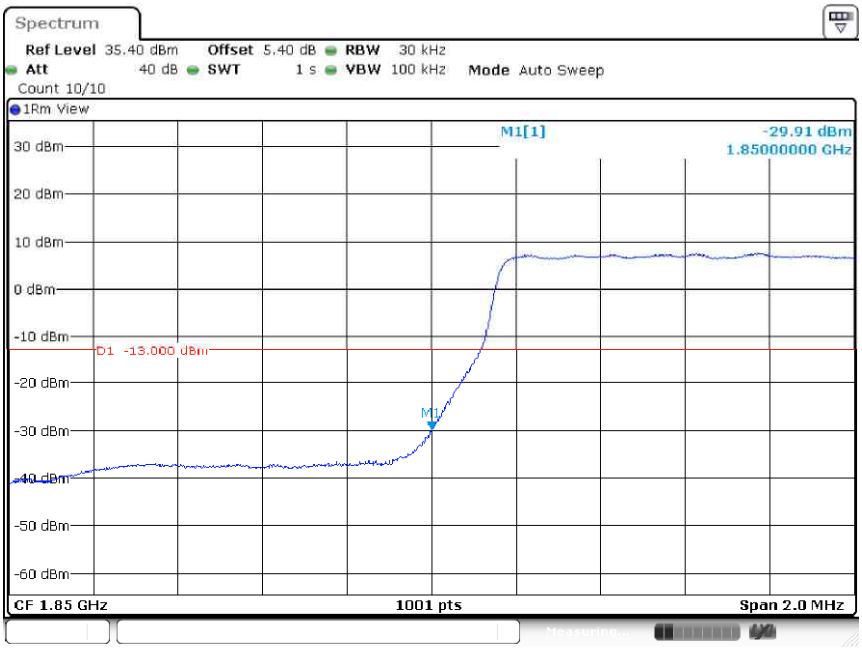
Band2-1.4MHz-QPSK-18607-6RB#0



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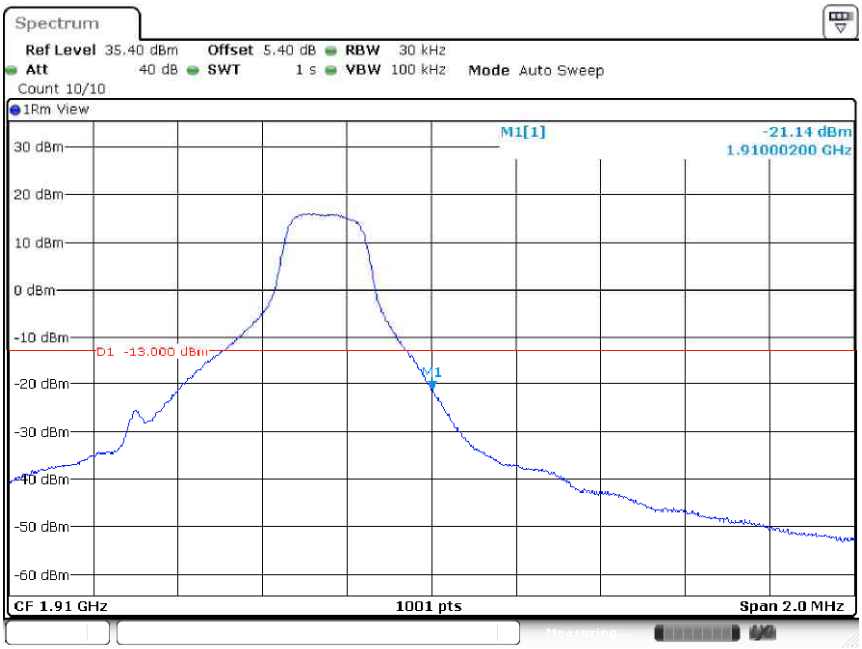
Band2-1.4MHz-QPSK-19193-1RB#5



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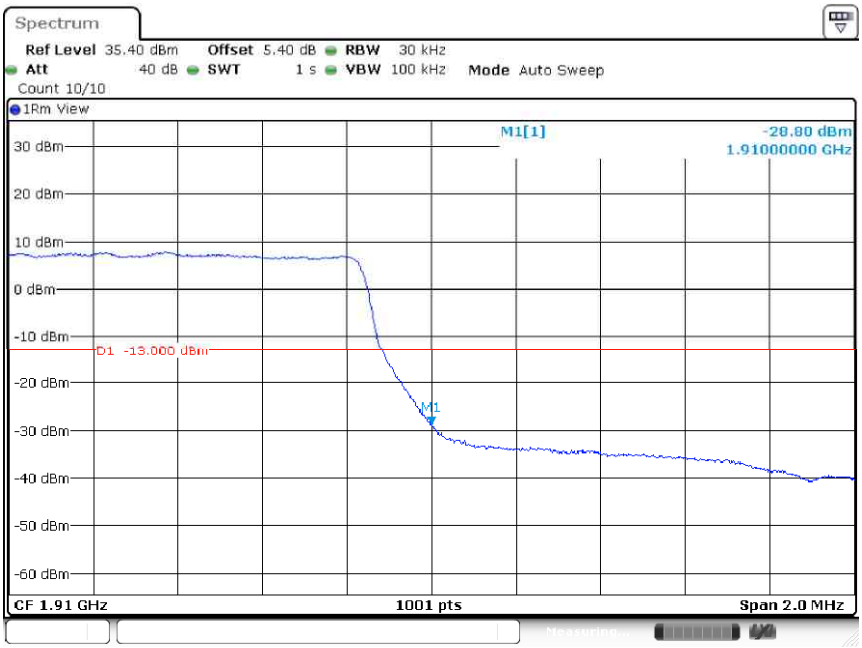
Band2-1.4MHz-QPSK-19193-6RB#0



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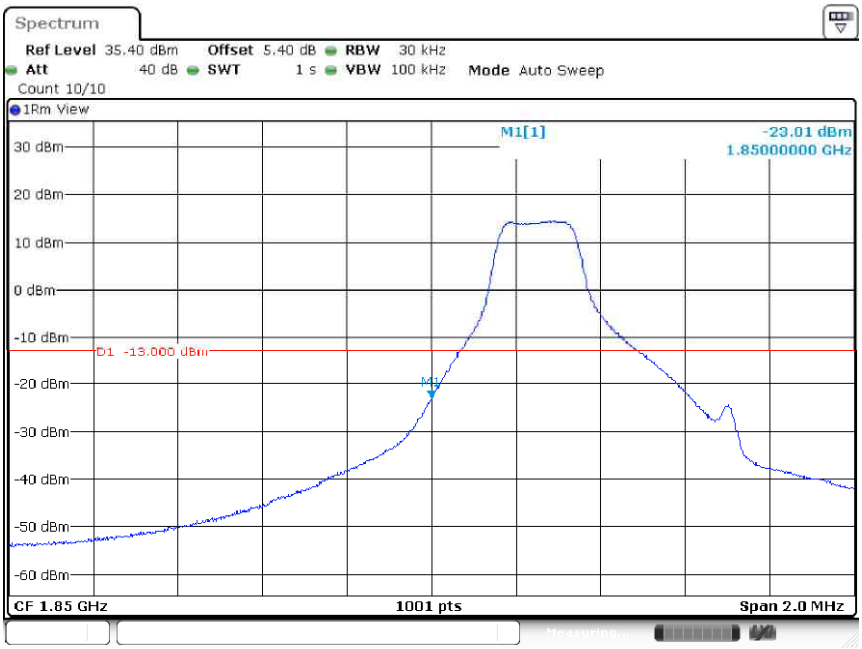
Band2-1.4MHz-64QAM-18607-1RB#0



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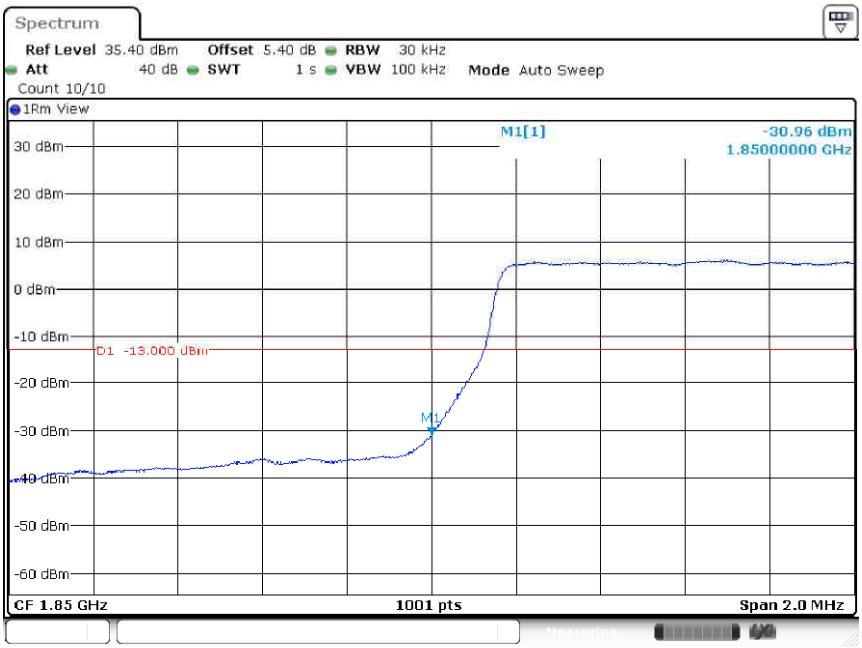
Band2-1.4MHz-64QAM-18607-6RB#0



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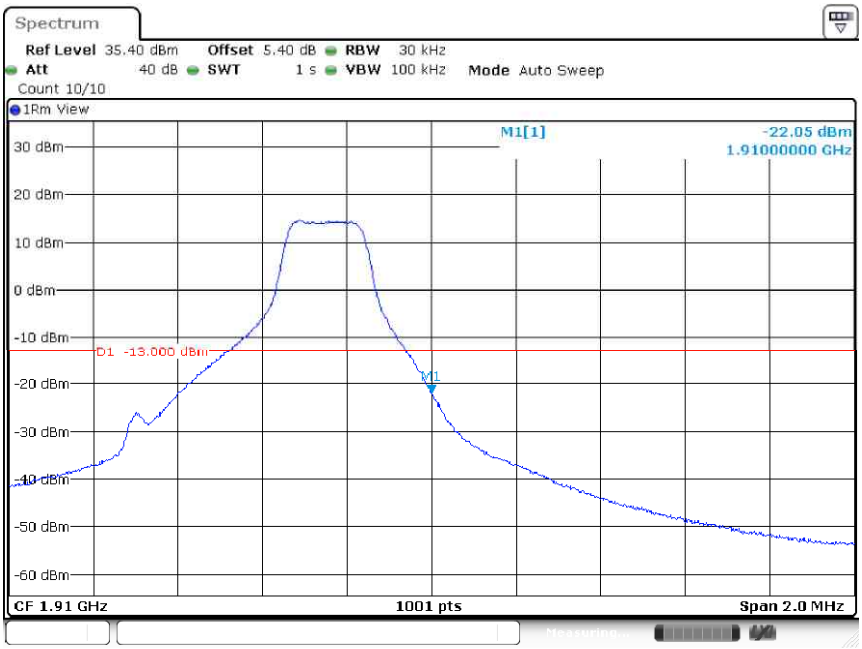

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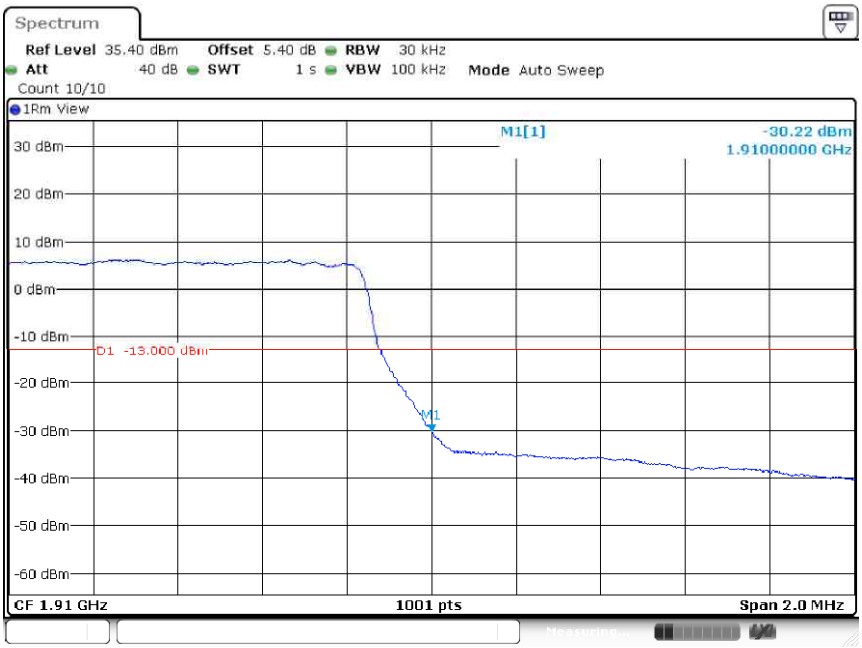

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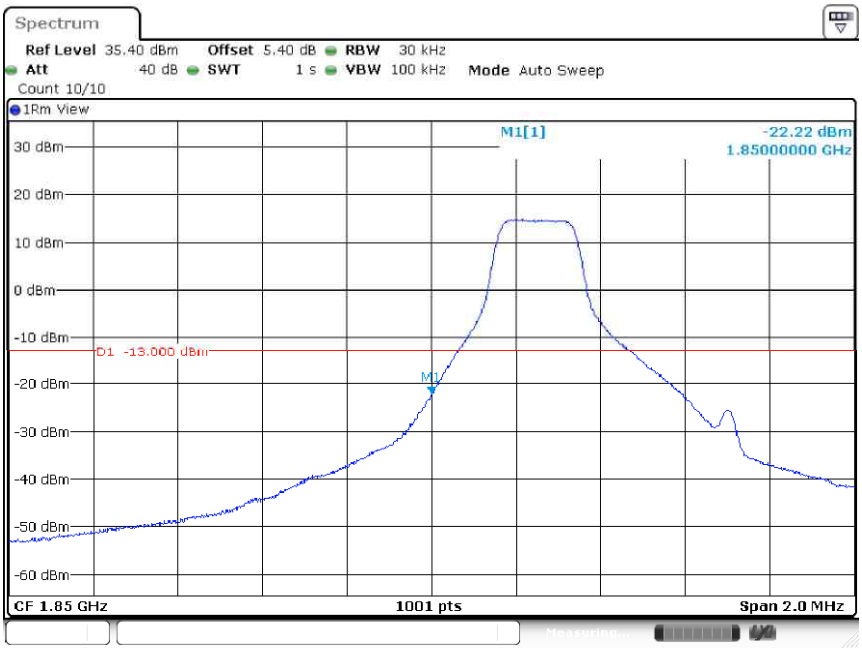
Band2-1.4MHz-16QAM-18607-1RB#0



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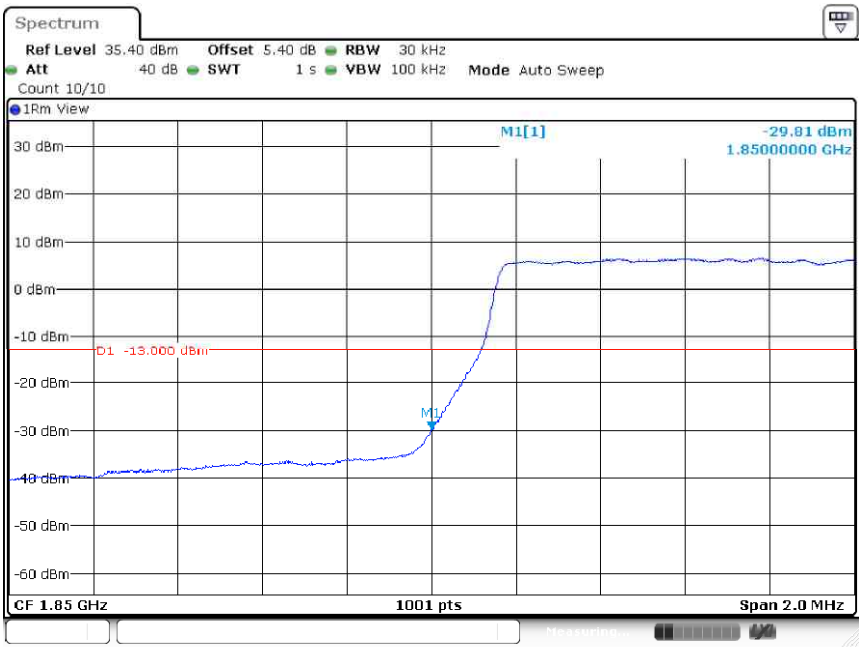

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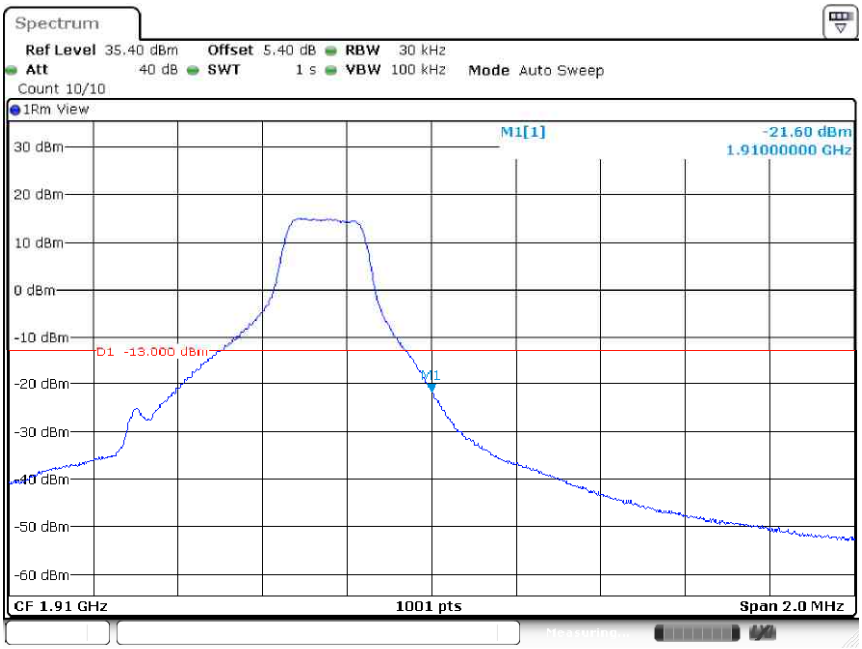

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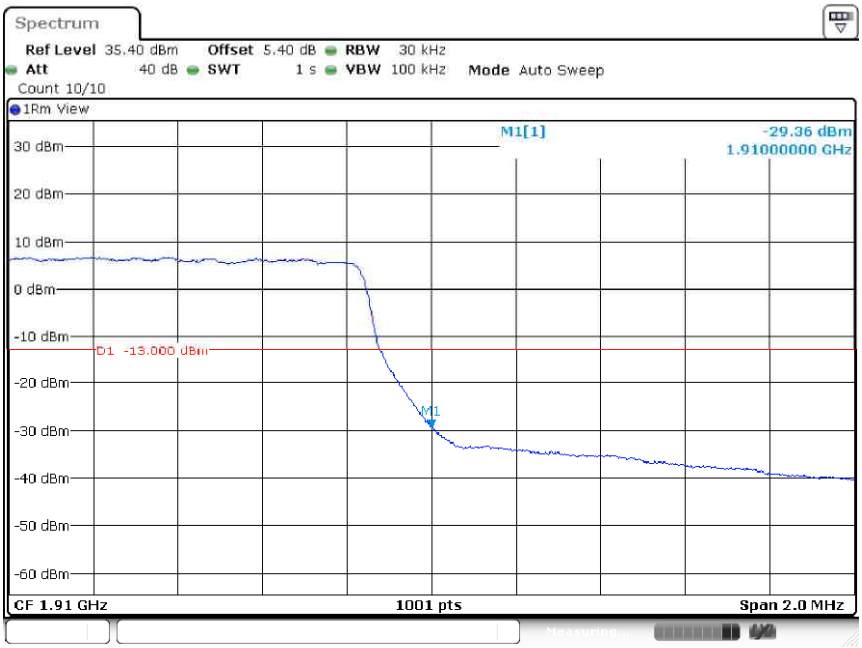

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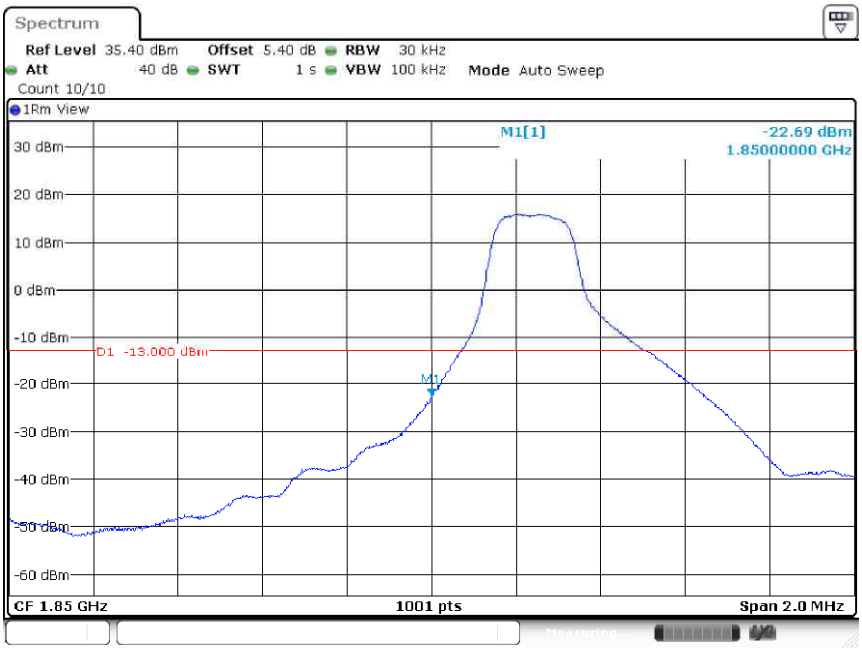
Band2-3MHz-QPSK-18615-1RB#0



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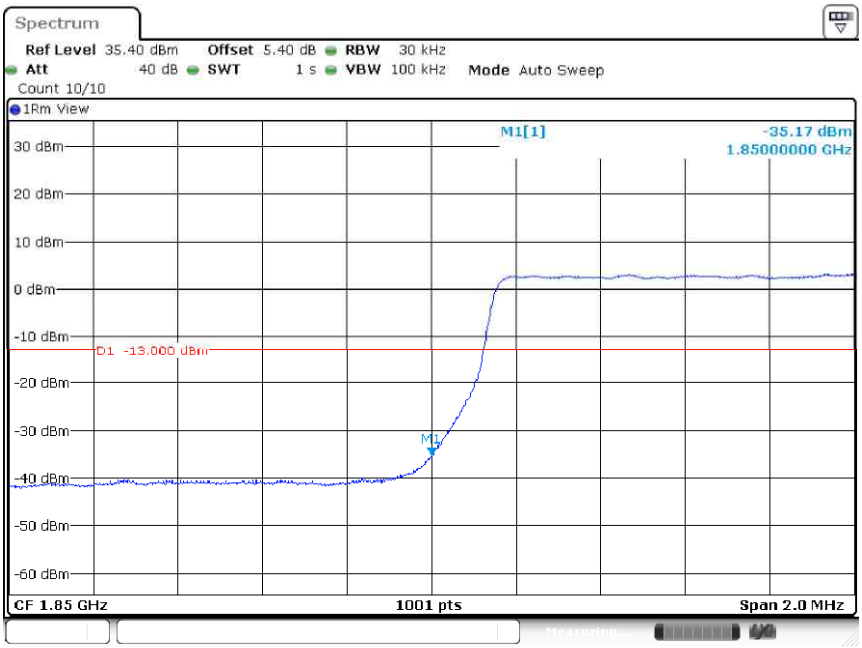

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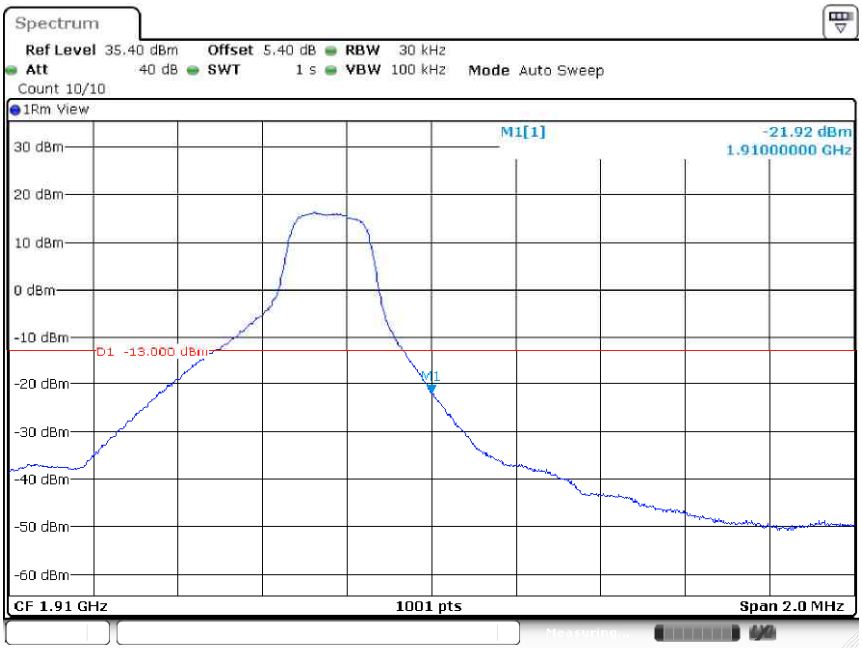
Band2-3MHz-QPSK-19185-1RB#14



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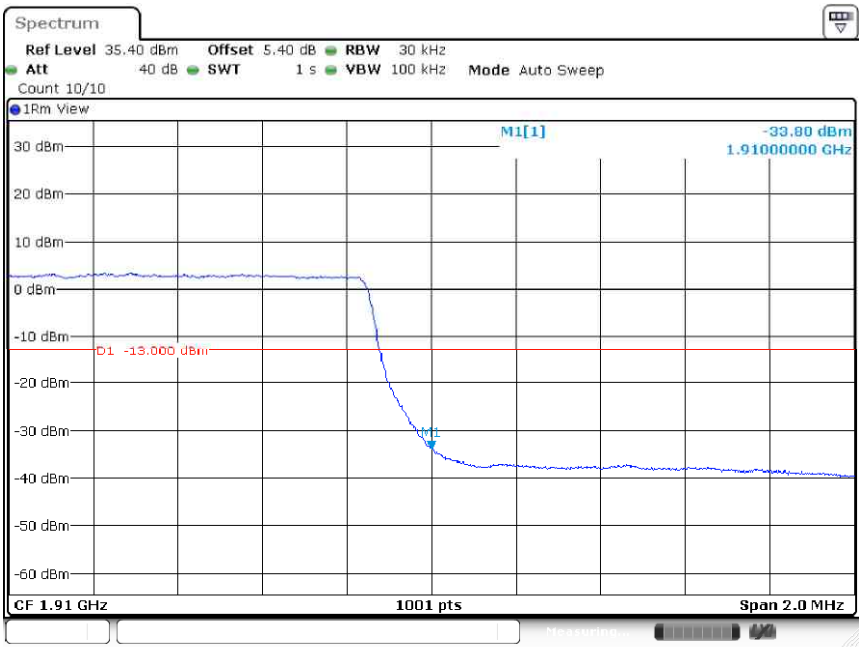

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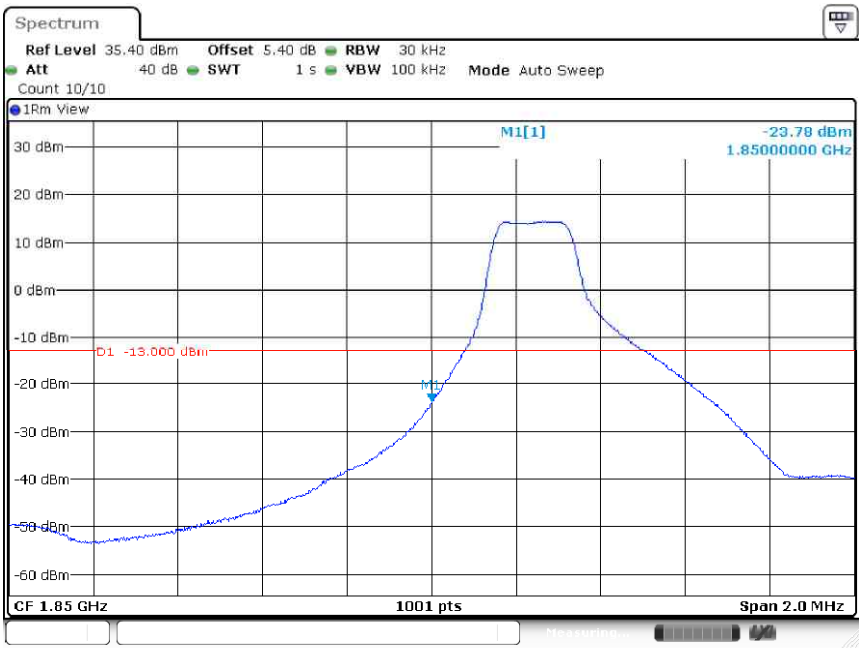

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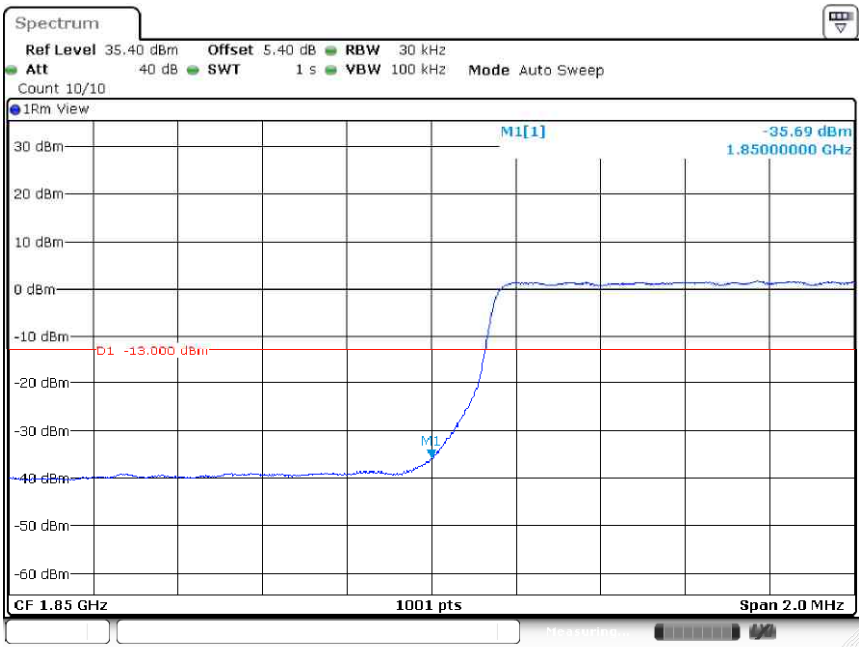

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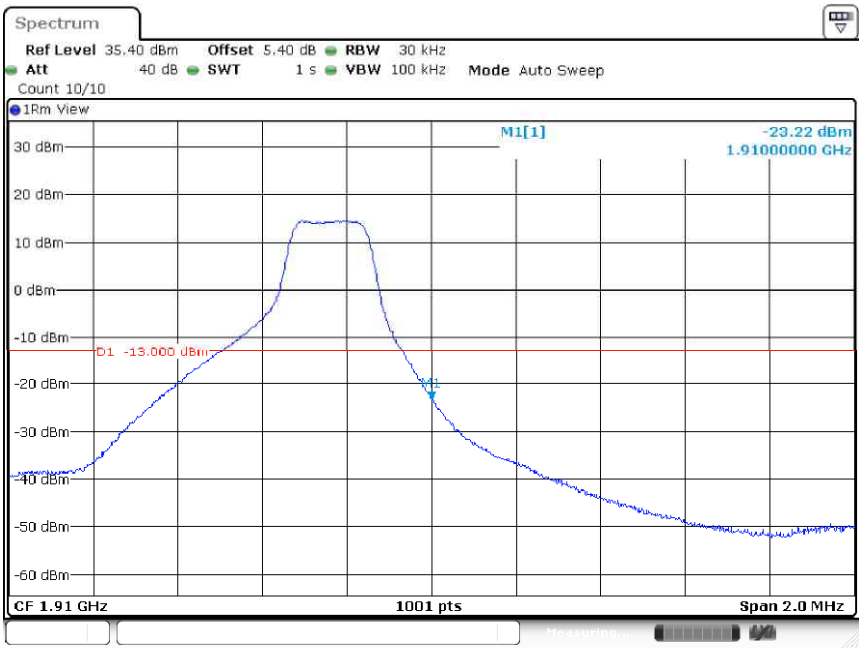

Date: 24.JUN.2020 01:45:04

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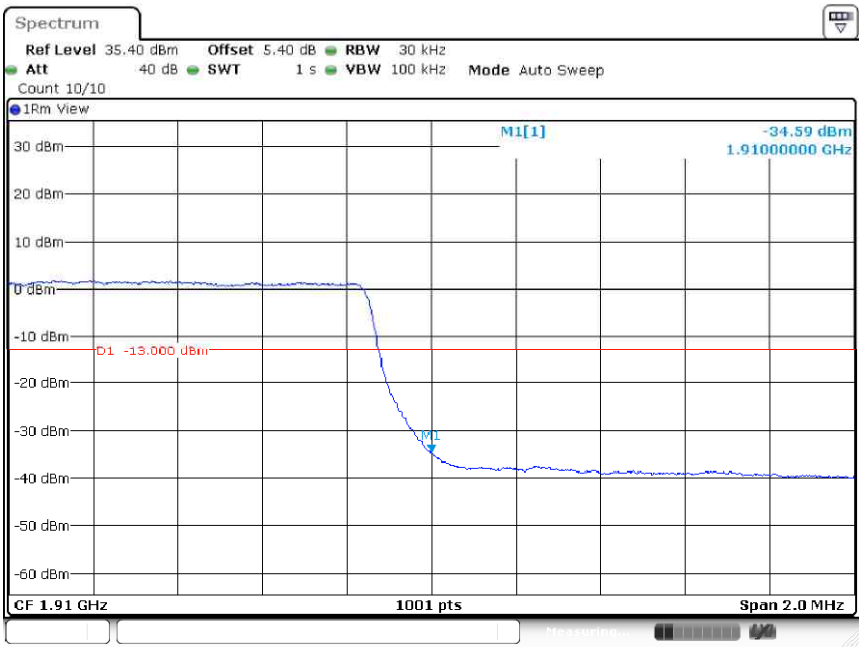
Band2-3MHz-64QAM-19185-15RB#0



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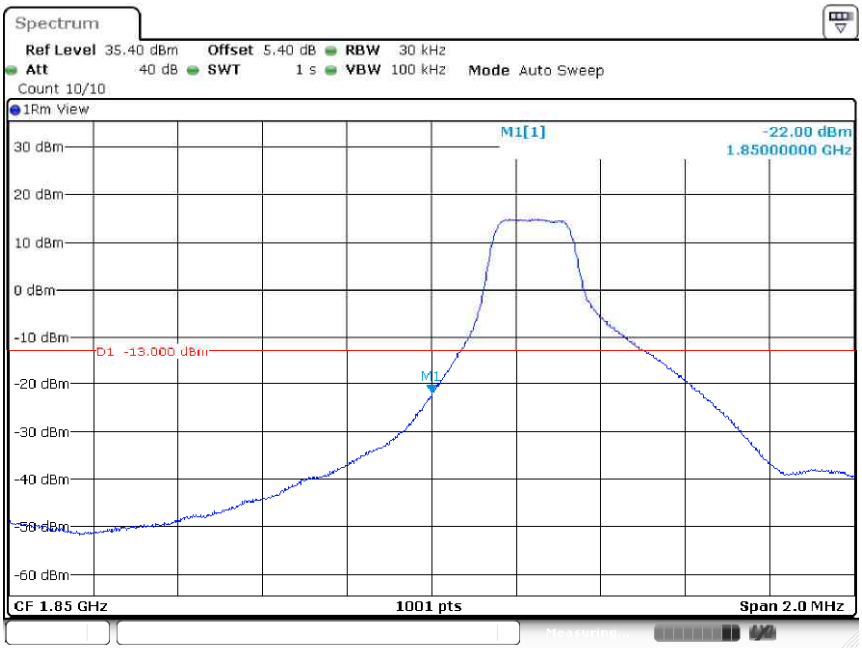

Date: 23.JUN.2020 10:56:31

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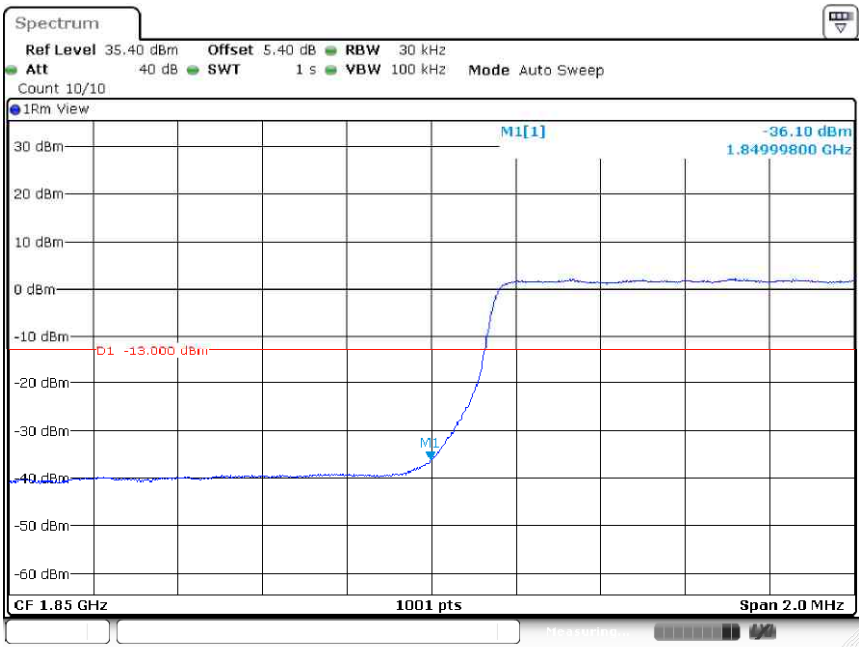
Band2-3MHz-16QAM-18615-15RB#0



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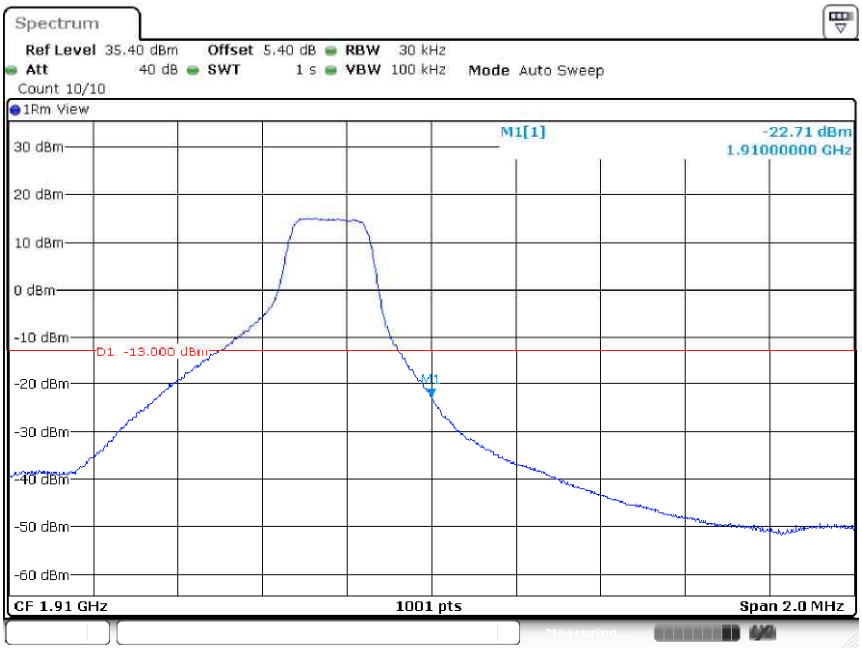
Band2-3MHz-16QAM-19185-1RB#14



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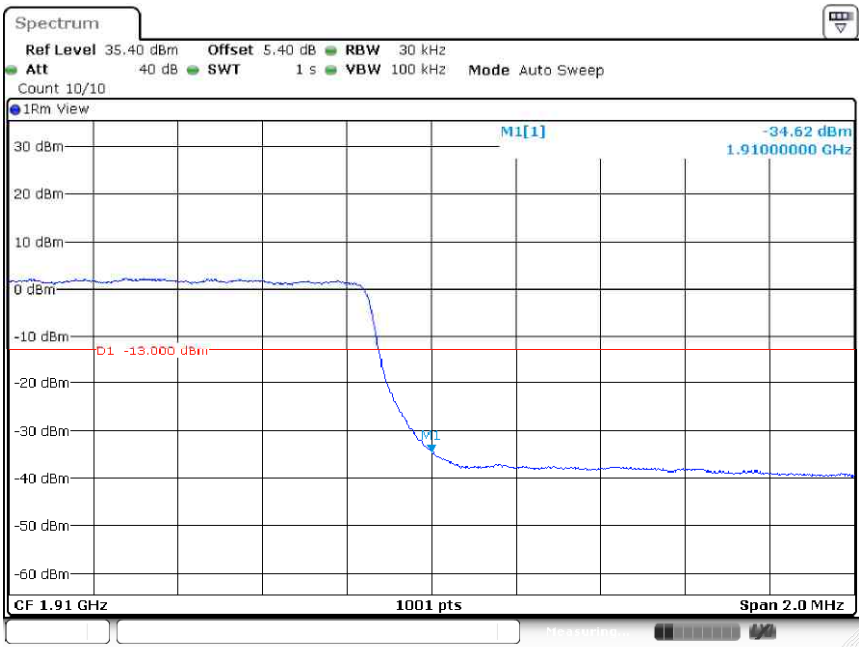

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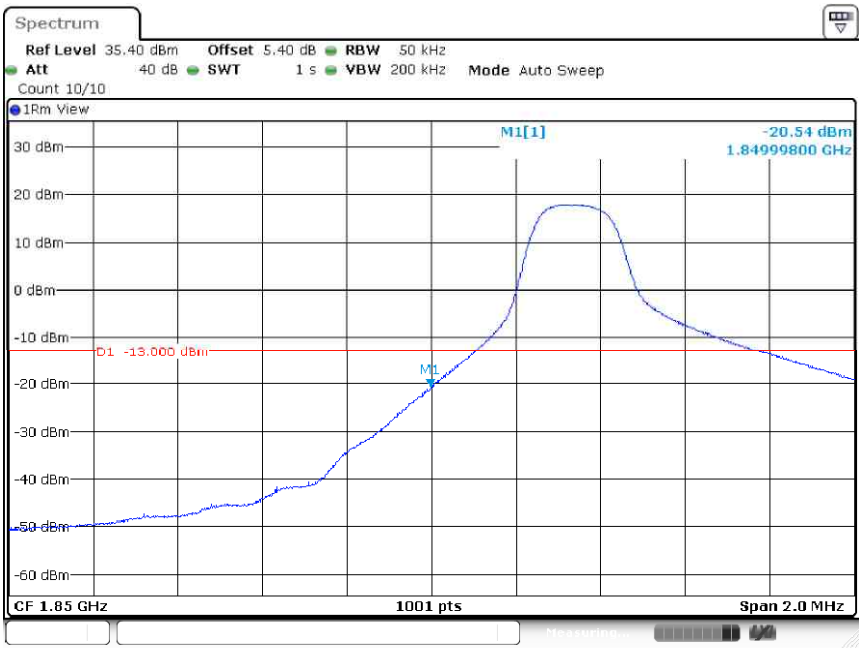
Band2-5MHz-QPSK-18625-1RB#0



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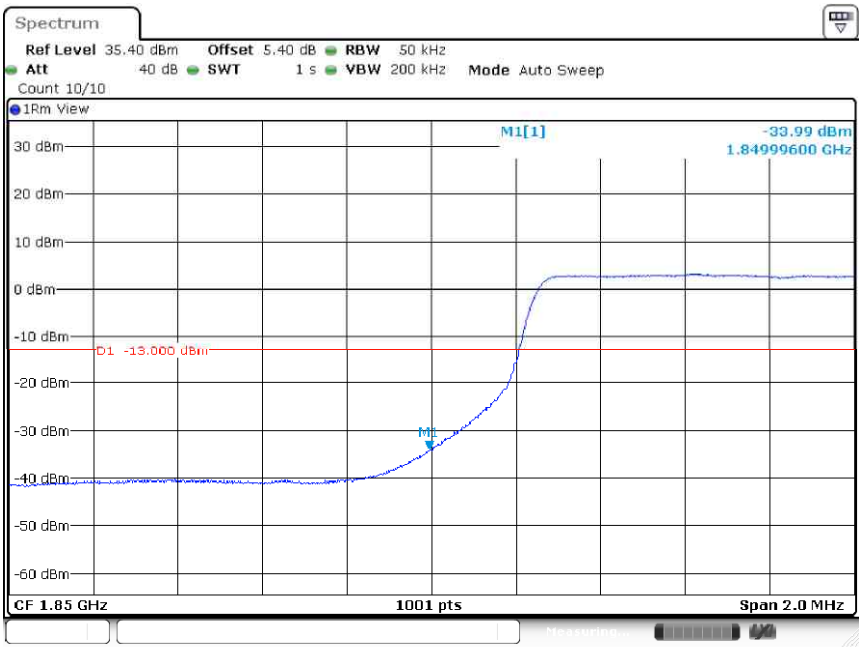
Band2-5MHz-QPSK-18625-25RB#0



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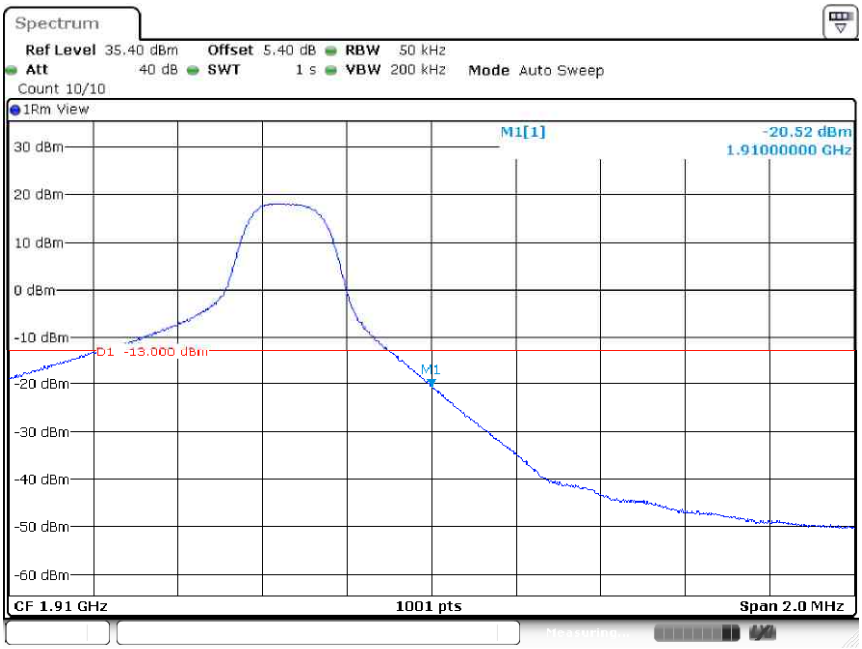
Band2-5MHz-QPSK-19175-1RB#24



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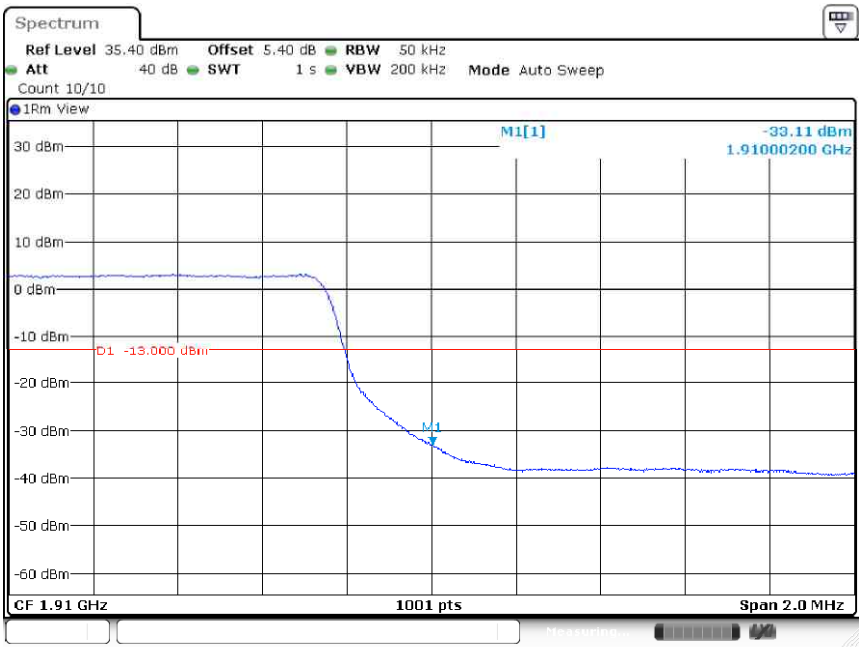
Band2-5MHz-QPSK-19175-25RB#0



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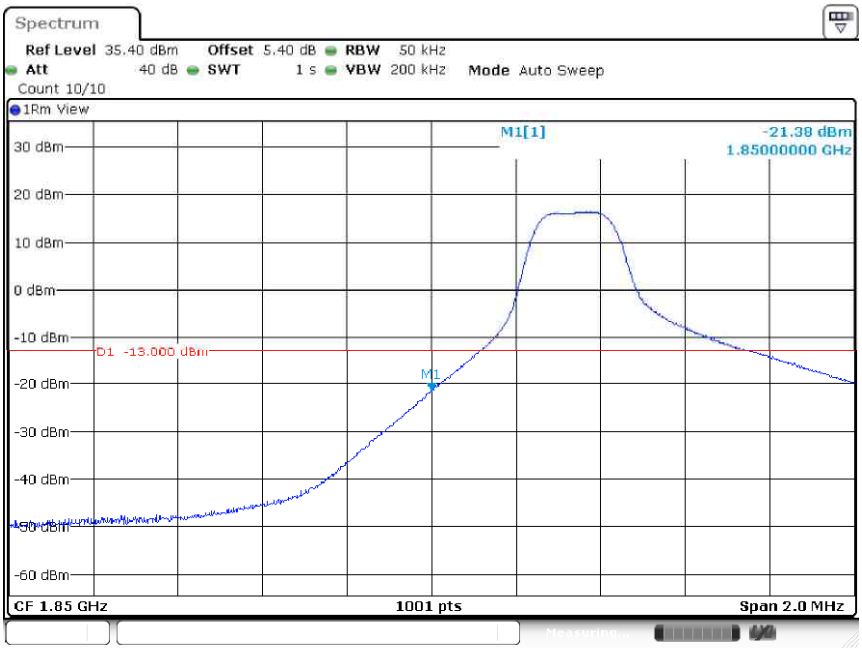

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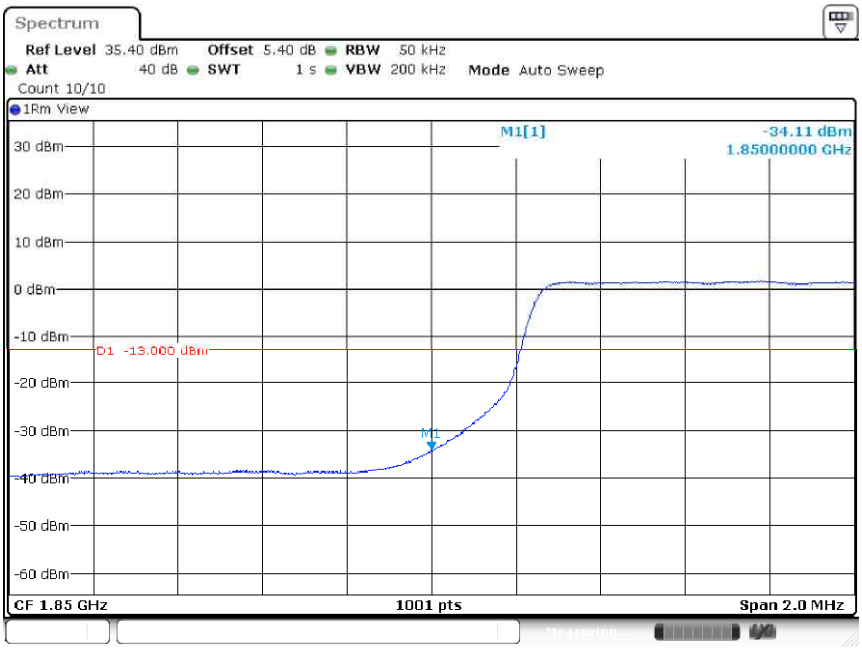

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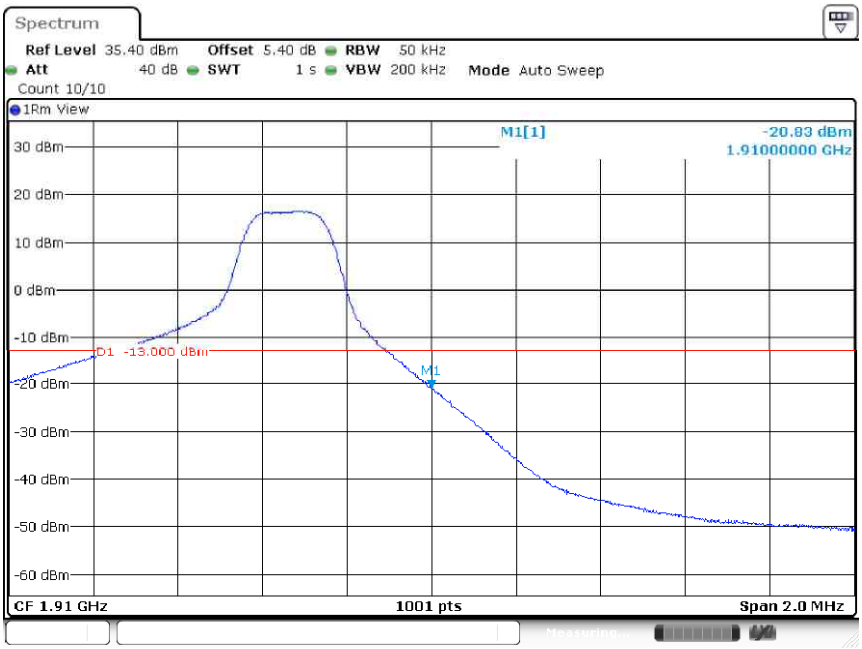
Band2-5MHz-64QAM-19175-1RB#24



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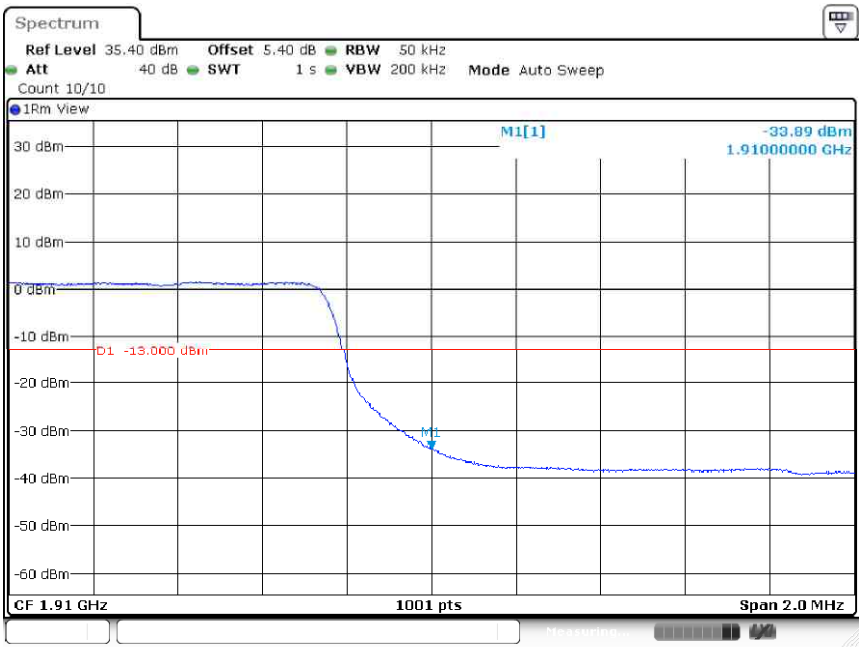

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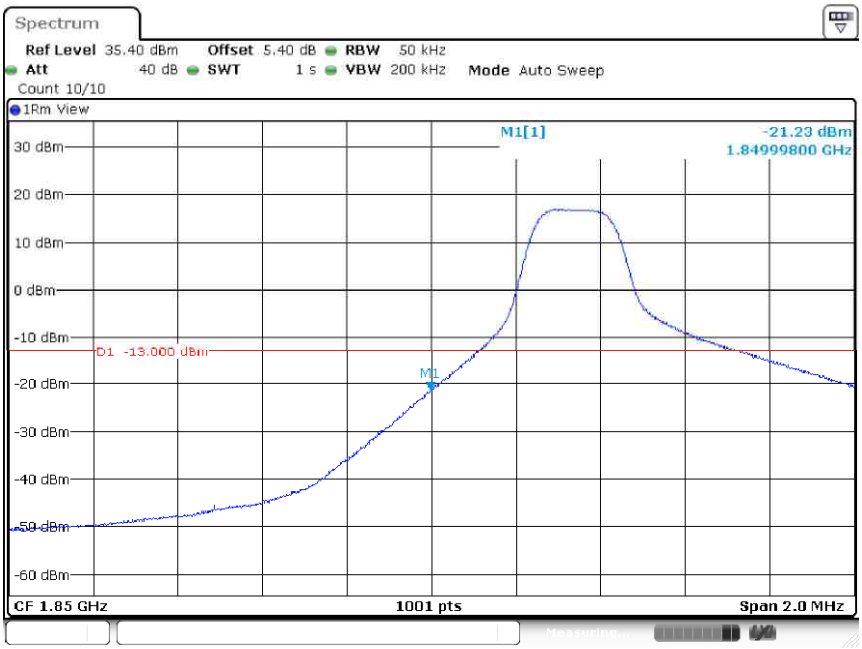

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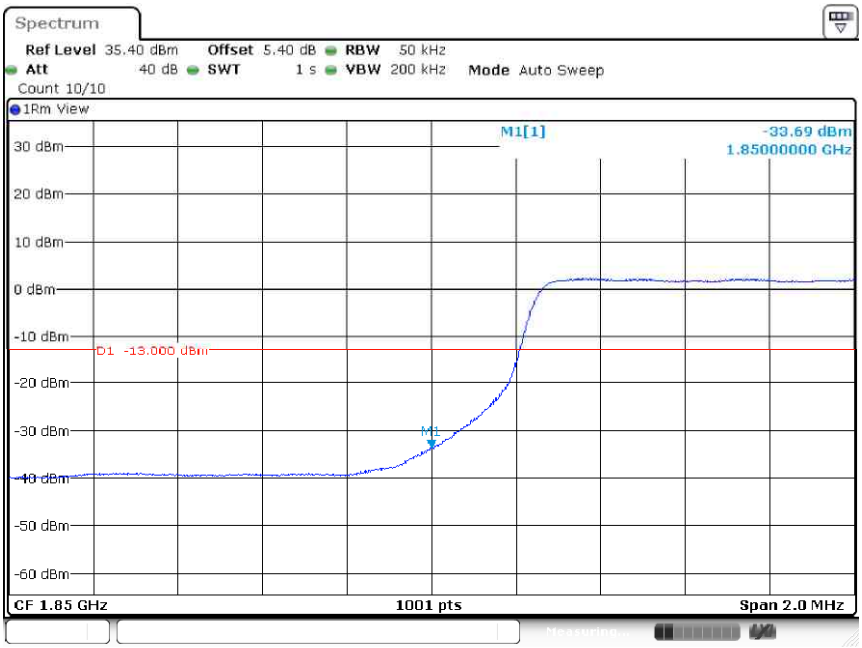

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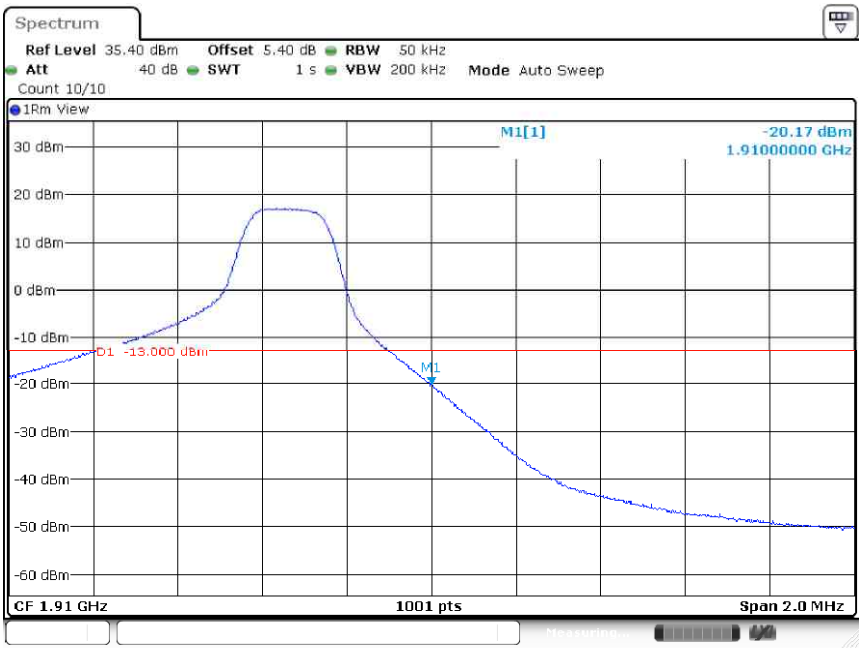

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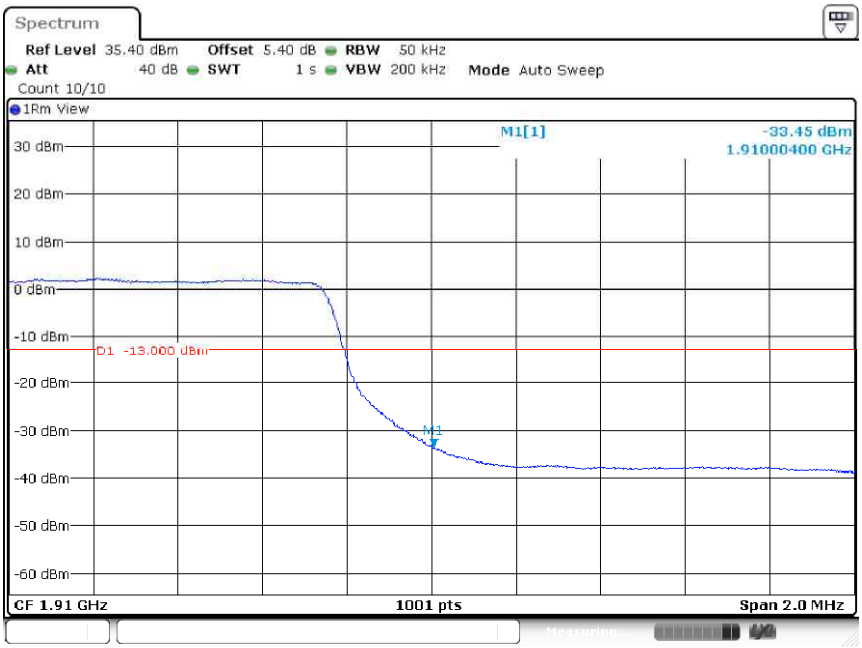

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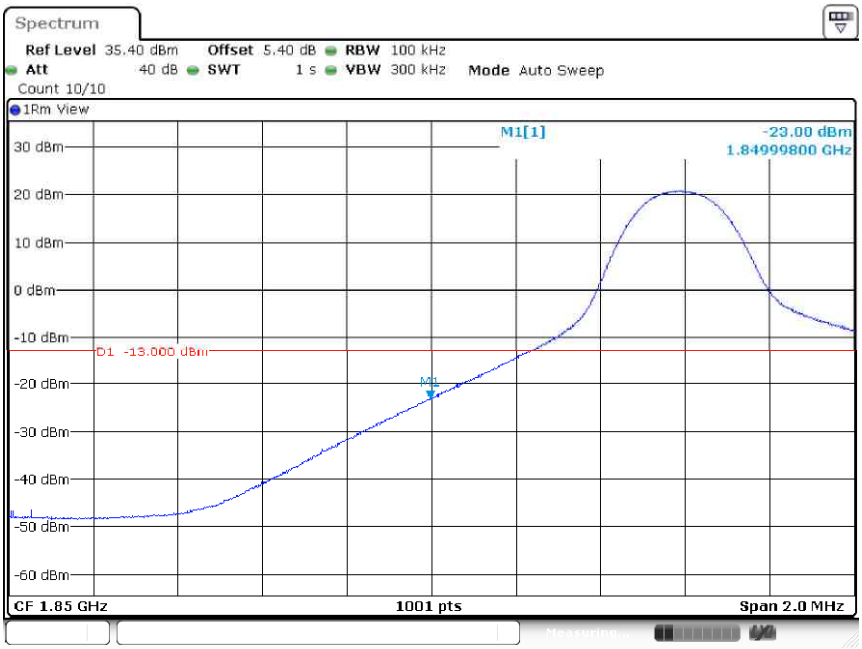

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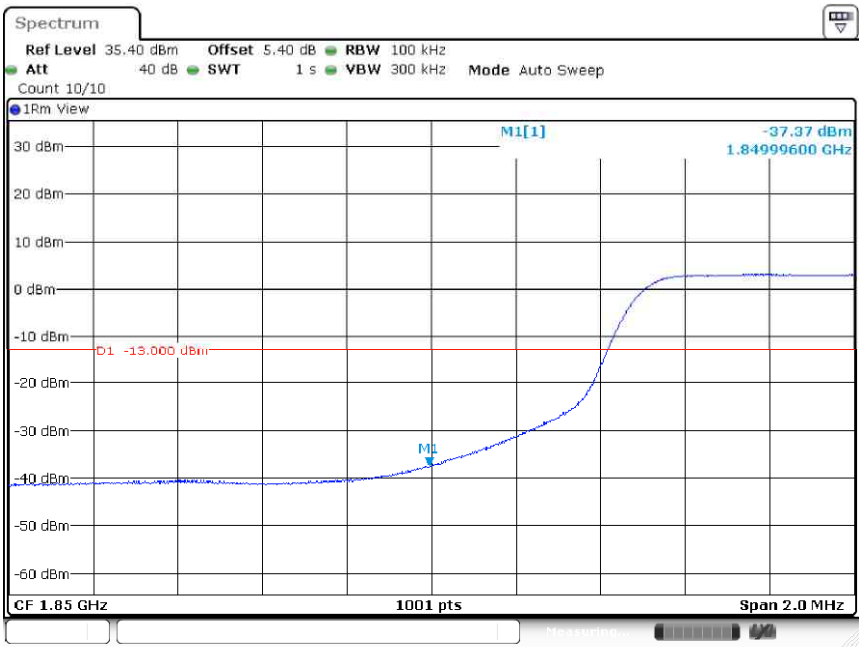
Band2-10MHz-QPSK-18650-50RB#0



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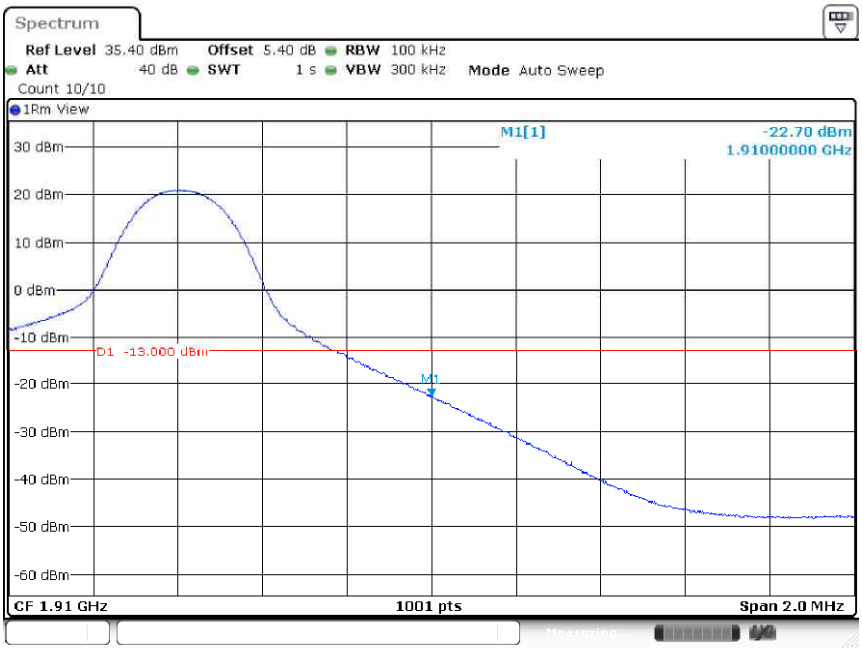

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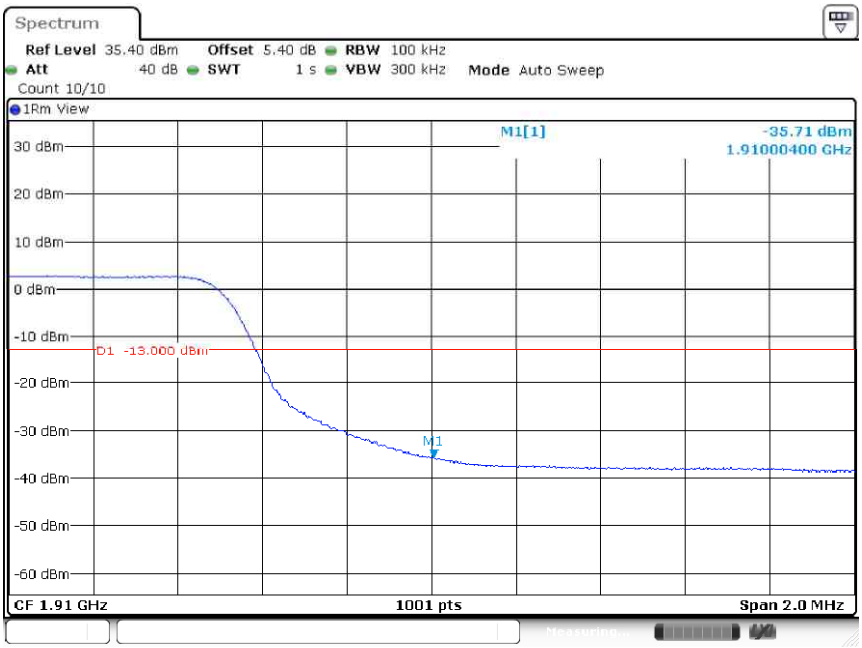
Band2-10MHz-QPSK-19150-50RB#0



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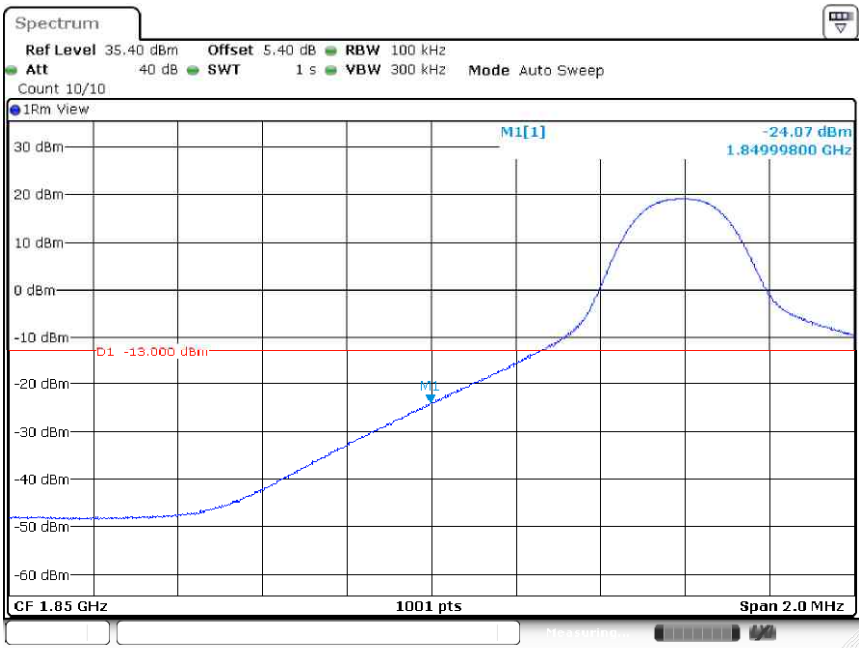
Band2-10MHz-64QAM-18650-1RB#0



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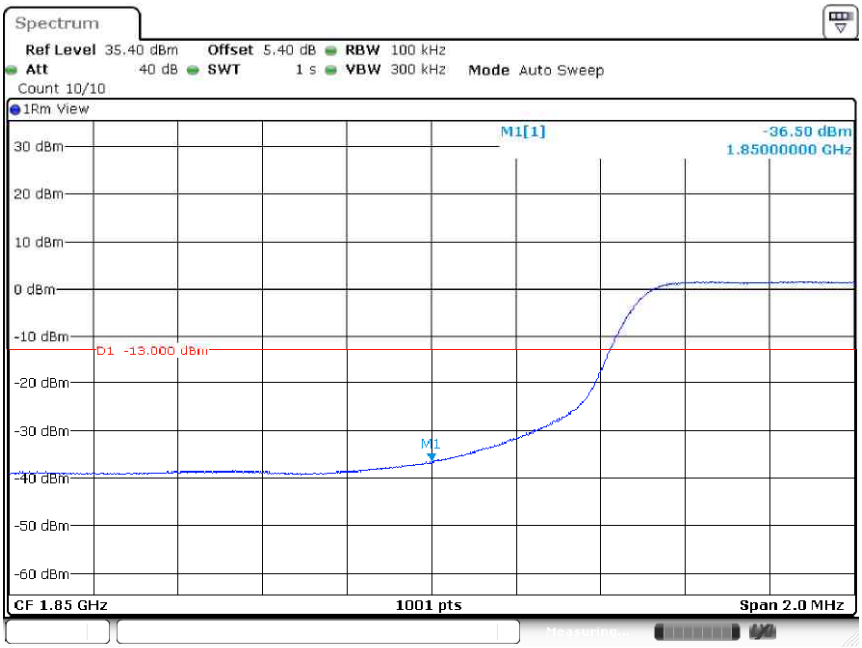
Band2-10MHz-64QAM-18650-50RB#0



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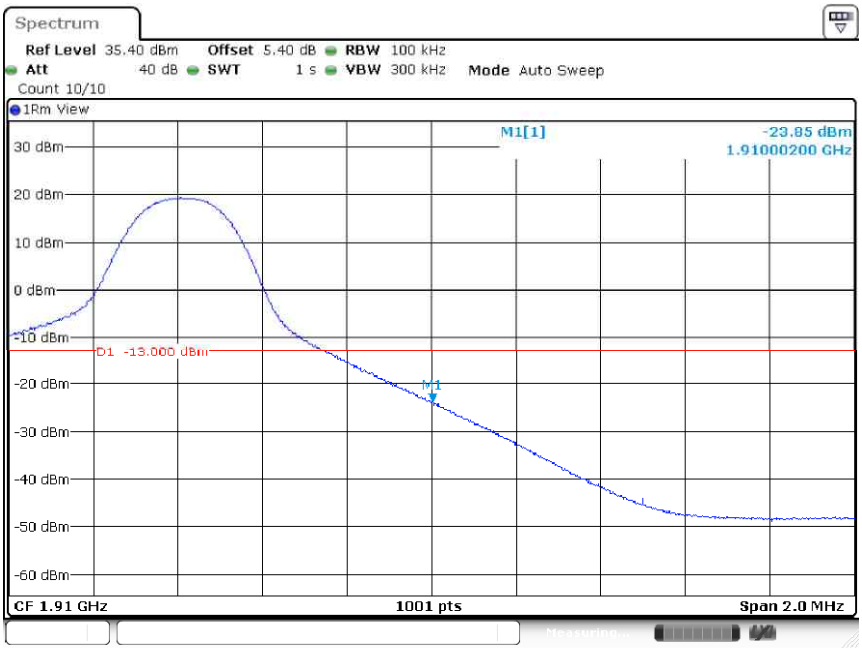
Band2-10MHz-64QAM-19150-1RB#49



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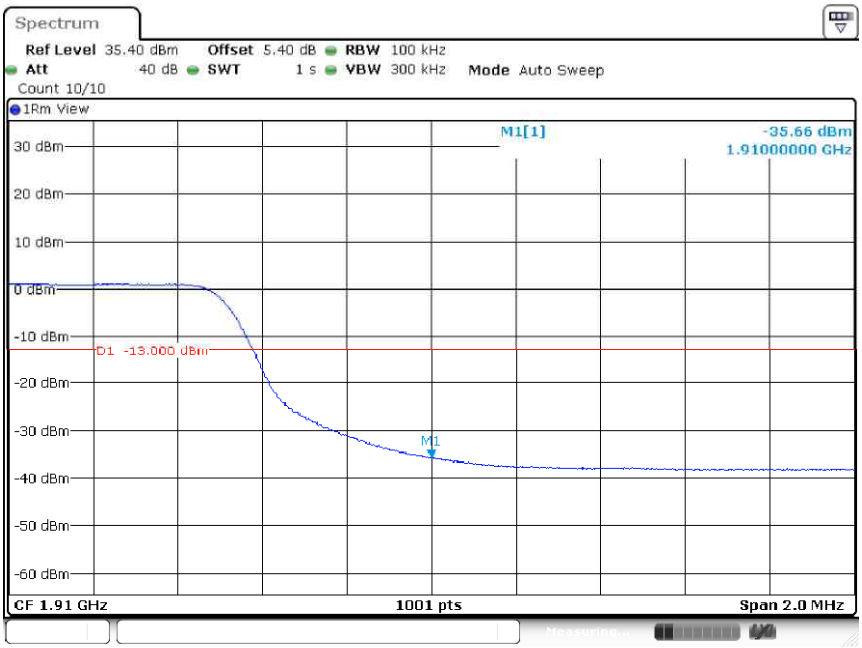
Band2-10MHz-64QAM-19150-50RB#0



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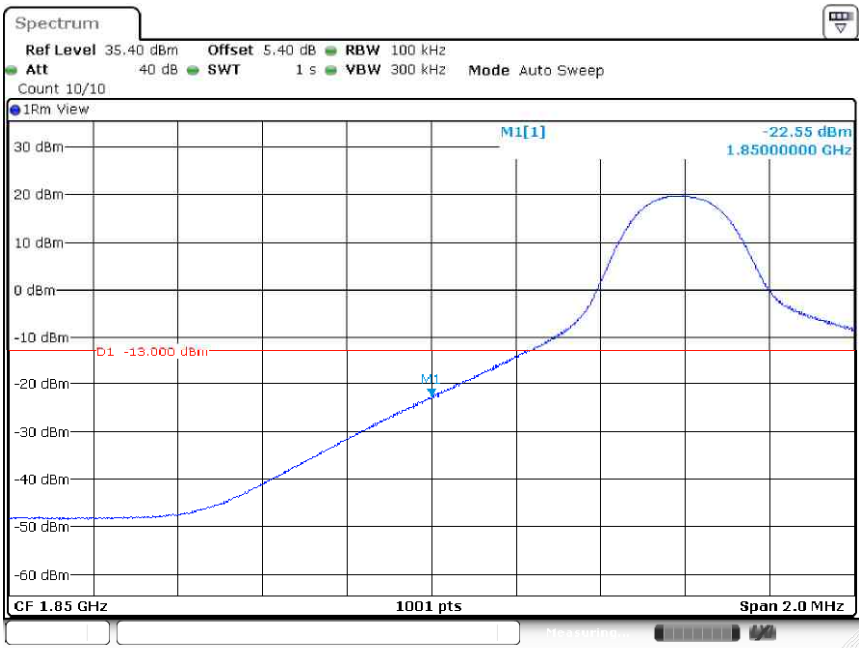

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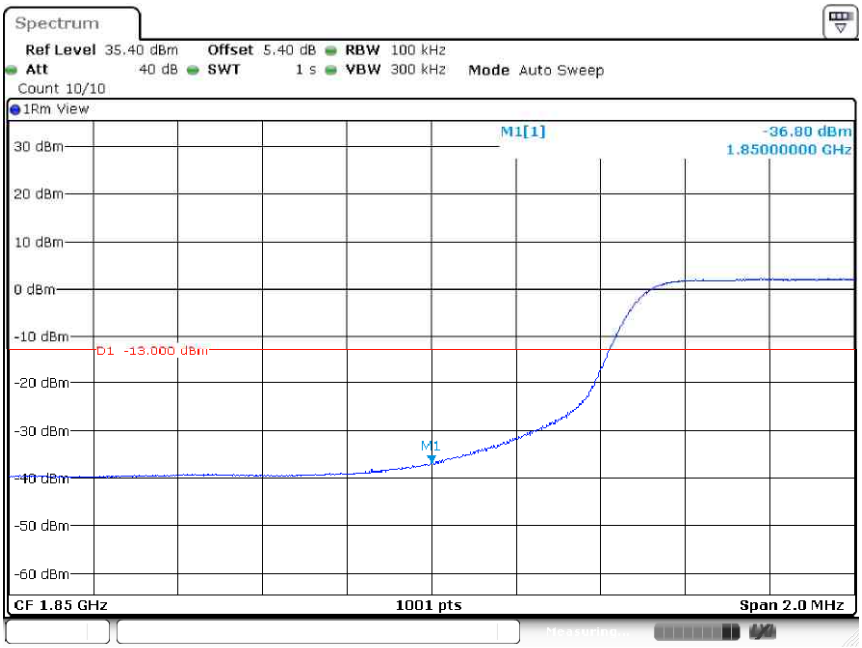
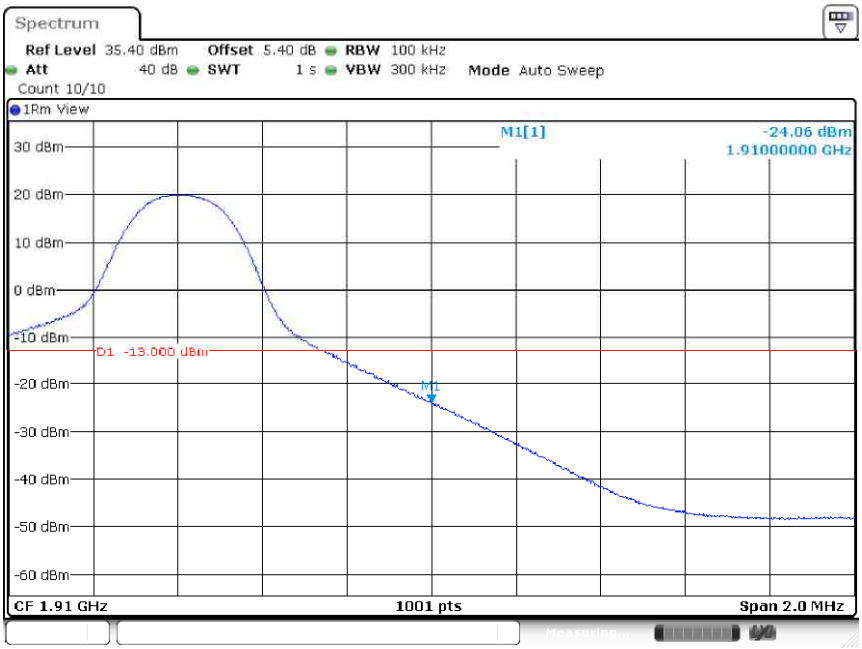
Band2-10MHz-16QAM-18650-50RB#0



Date: 23.JUN.2020 11:08:09

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



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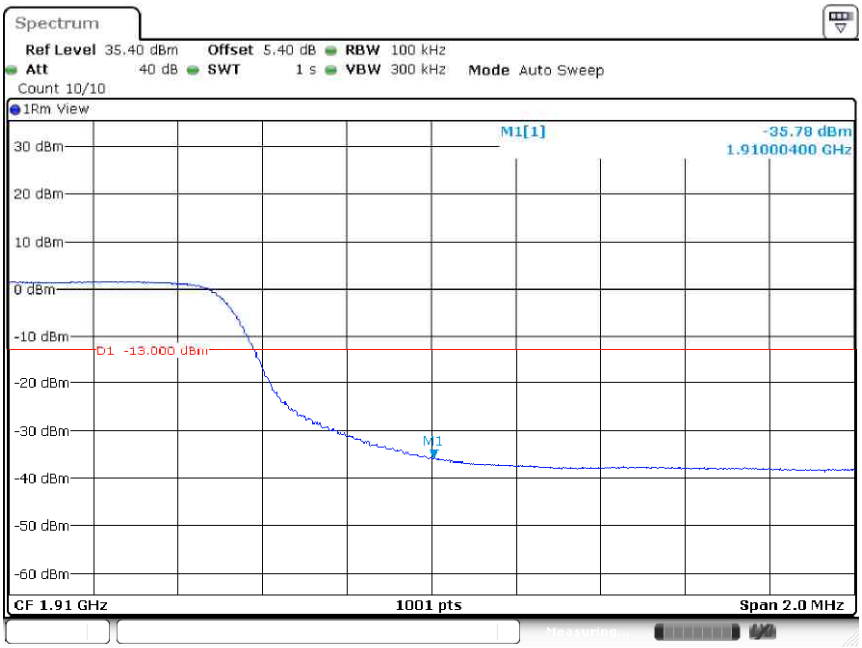
Band2-10MHz-16QAM-19150-50RB#0



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

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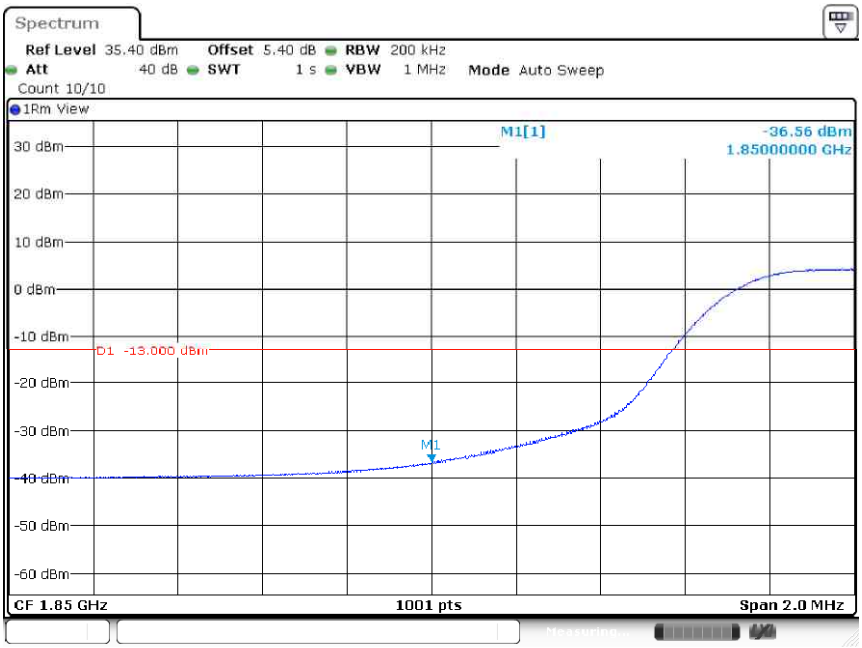
Band2-15MHz-QPSK-18675-75RB#0



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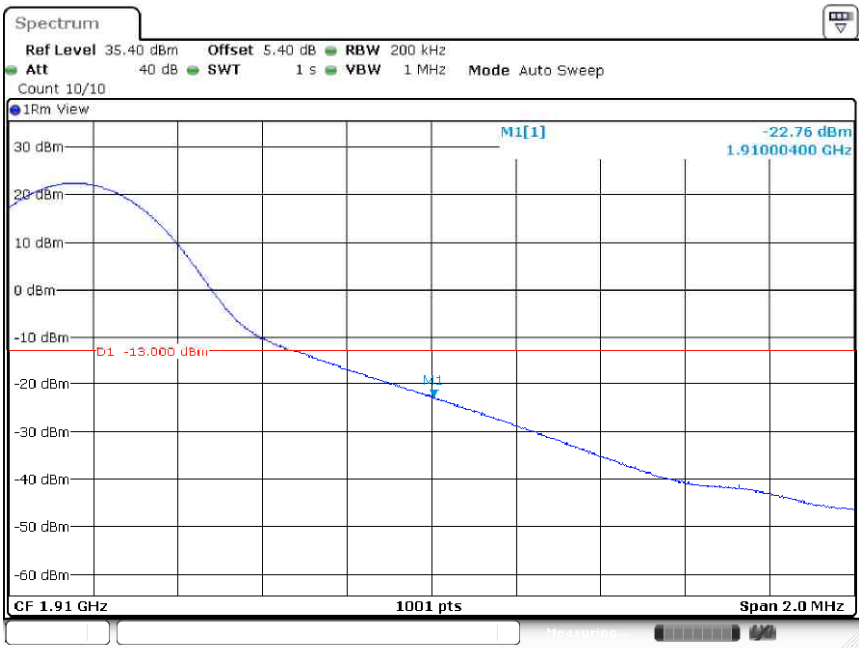
Band2-15MHz-QPSK-19125-1RB#74



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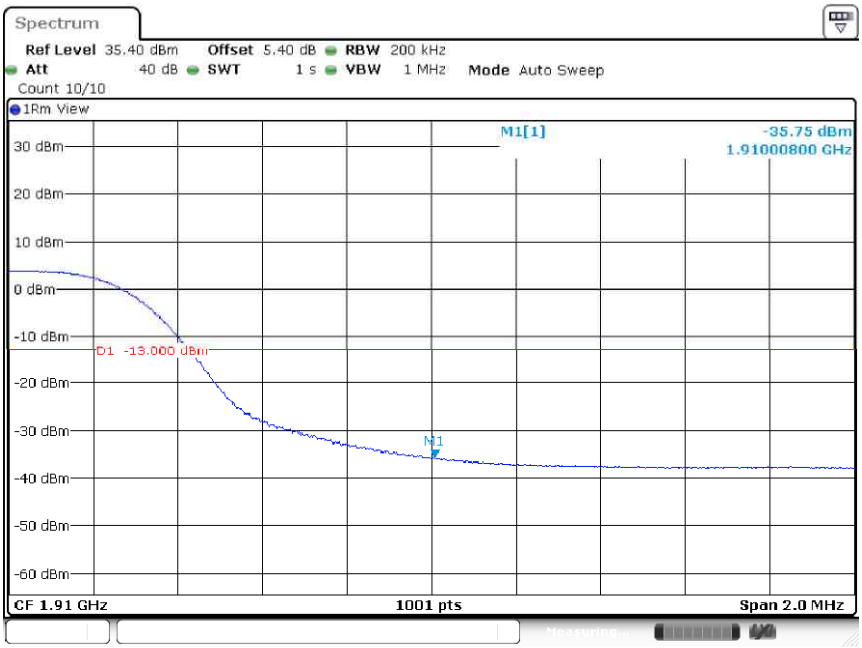
Band2-15MHz-QPSK-19125-75RB#0



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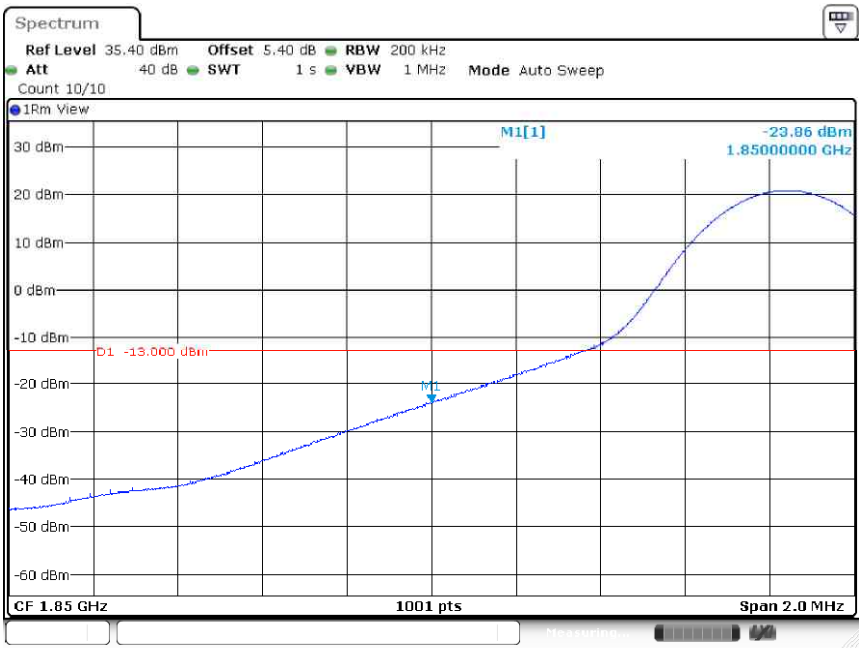
Band2-15MHz-64QAM-18675-1RB#0



Date: 24.JUN.2020 01:51:20

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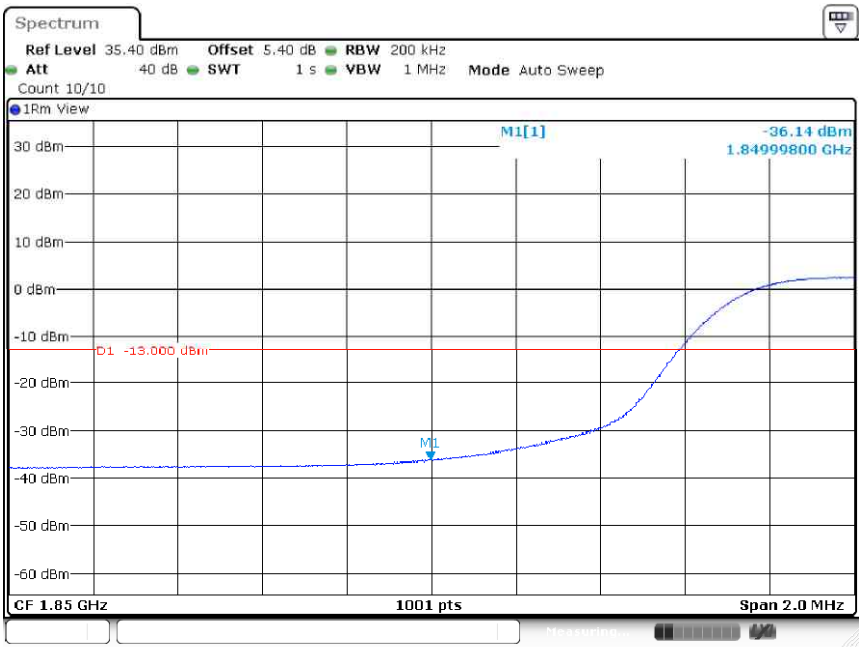

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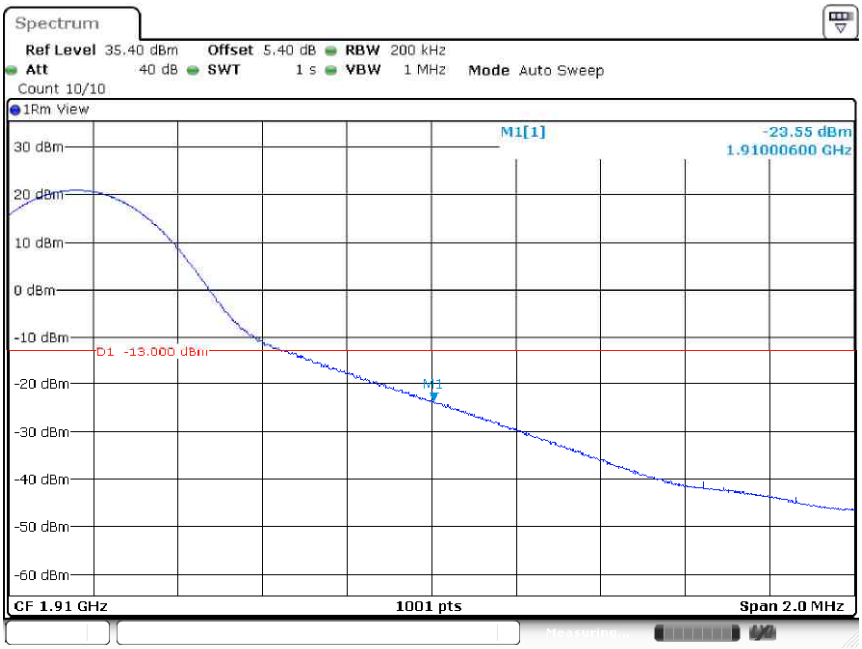
Band2-15MHz-64QAM-19125-1RB#74



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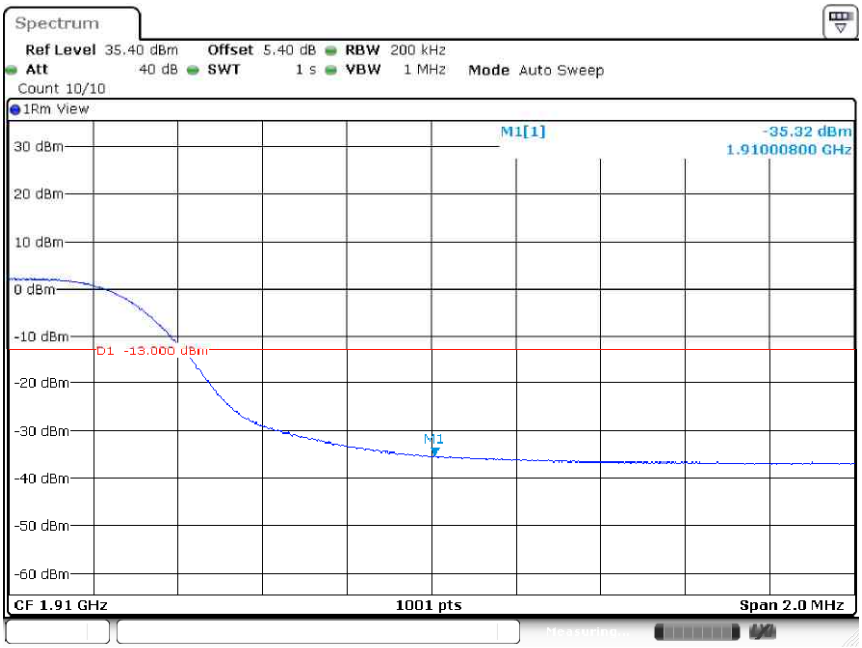

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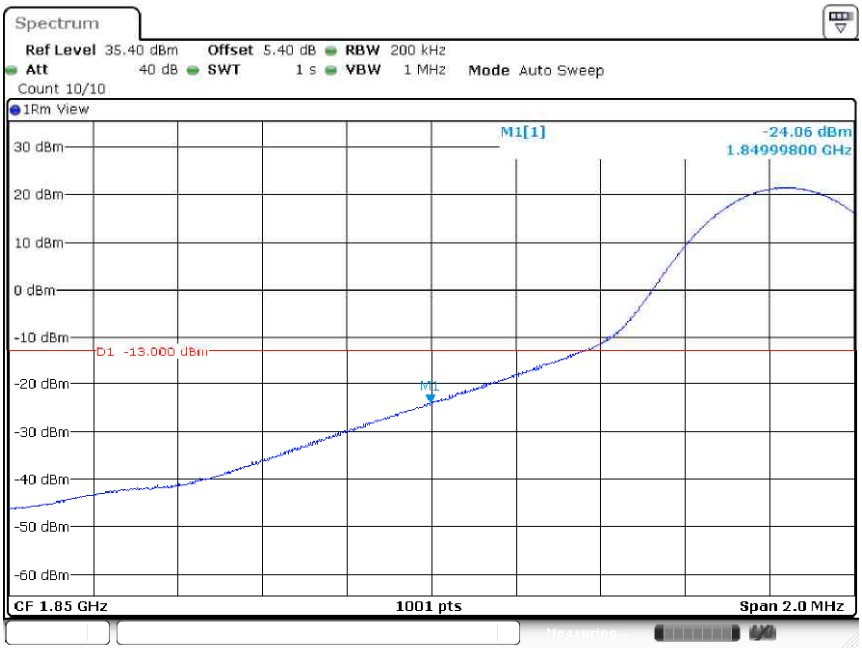

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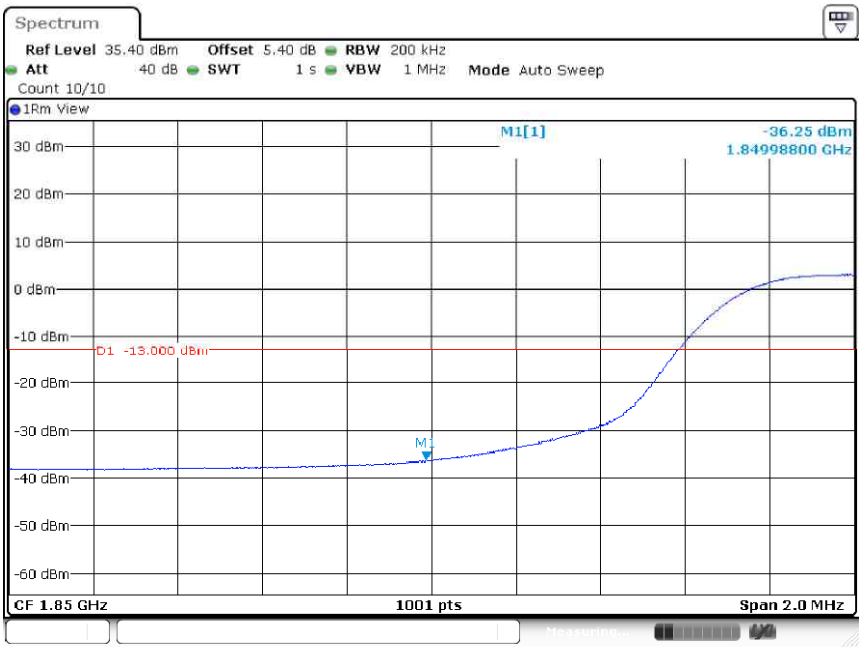

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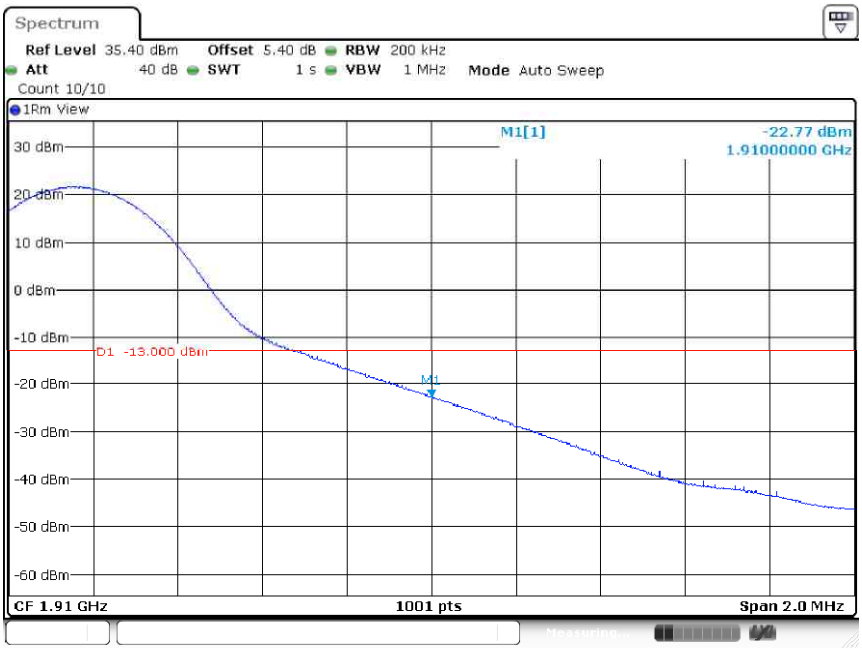
Band2-15MHz-16QAM-19125-1RB#74



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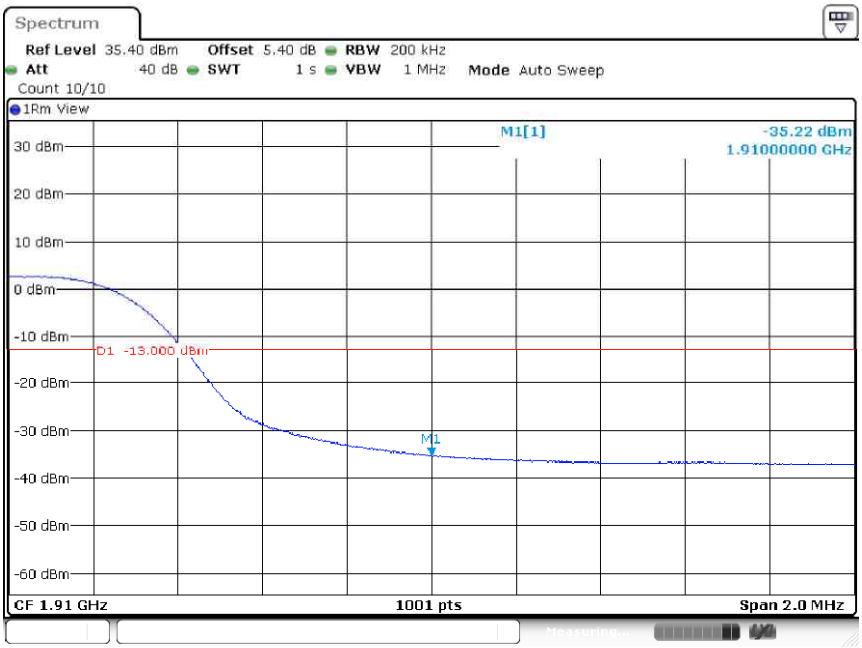
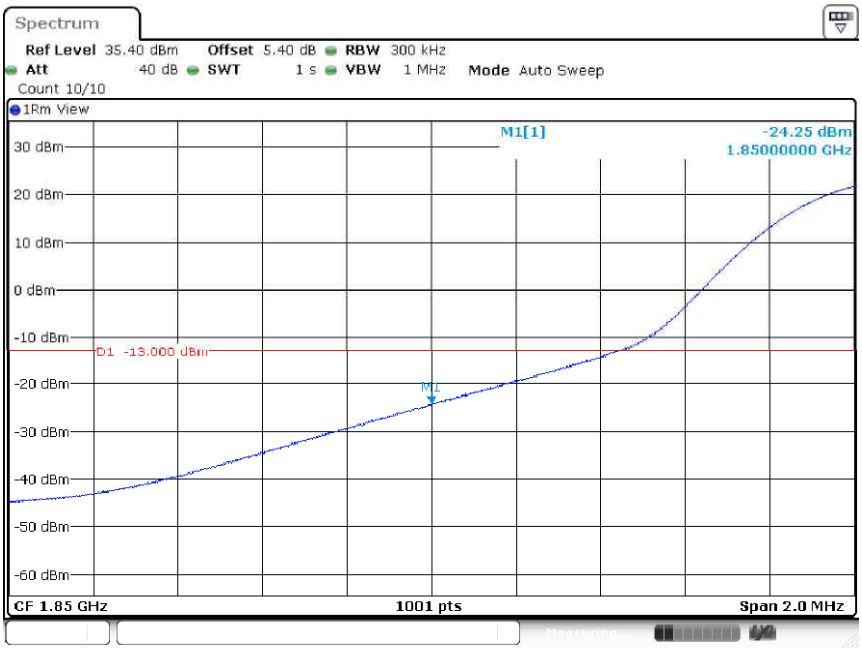
Band2-15MHz-16QAM-19125-75RB#0



Date: 23.JUN.2020 11:13:13

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



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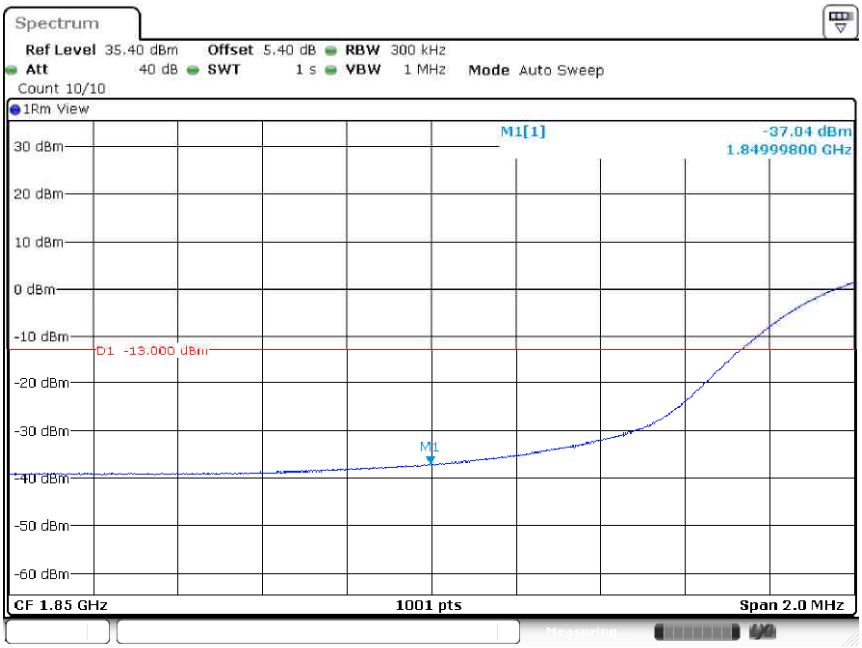
Band2-20MHz-QPSK-18700-100RB#0



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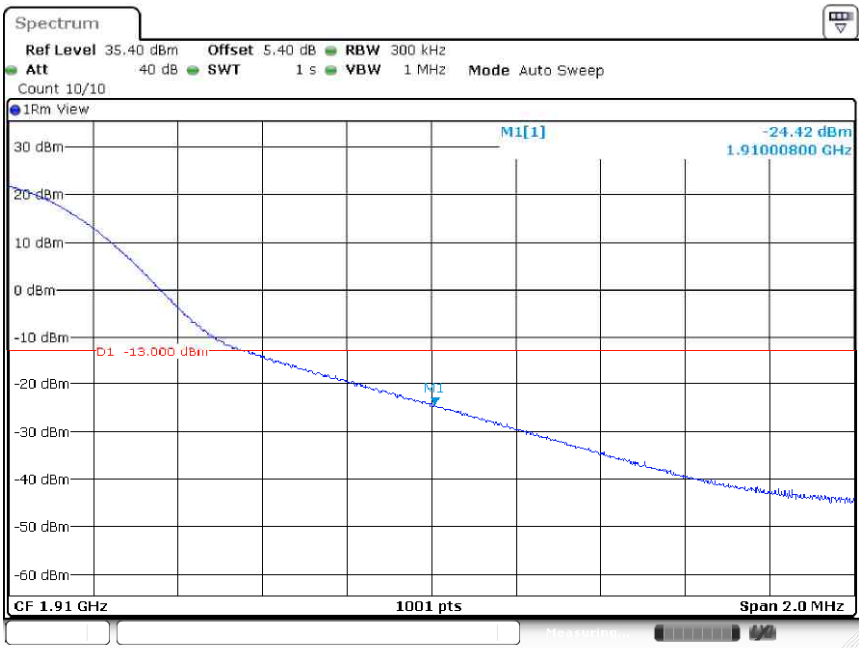
Band2-20MHz-QPSK-19100-1RB#99



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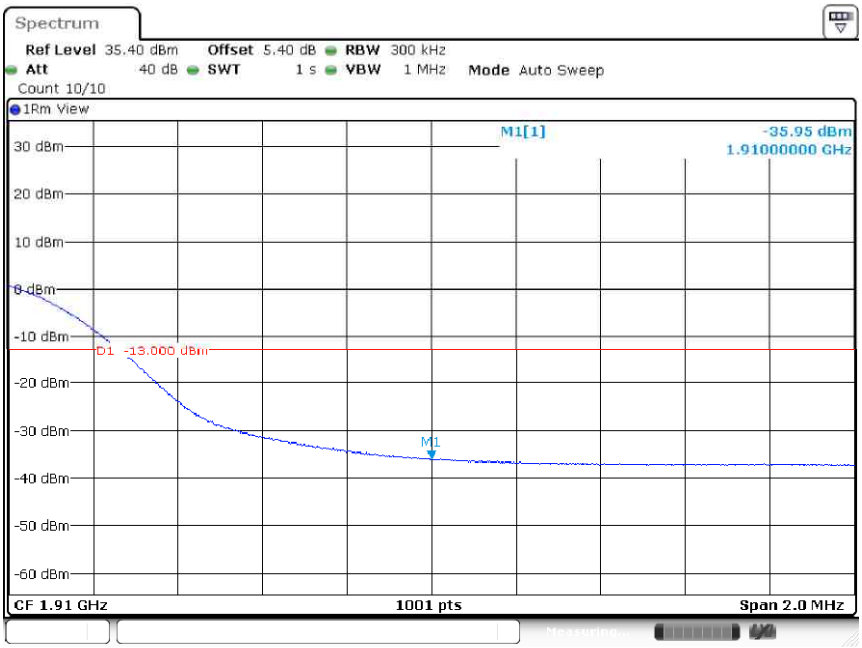
Band2-20MHz-QPSK-19100-100RB#0



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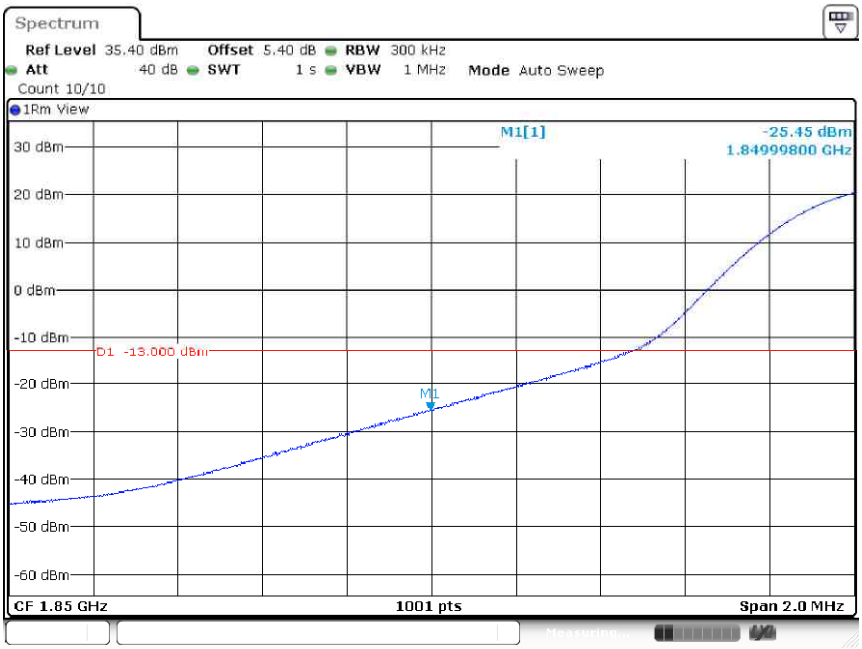
Band2-20MHz-64QAM-18700-1RB#0



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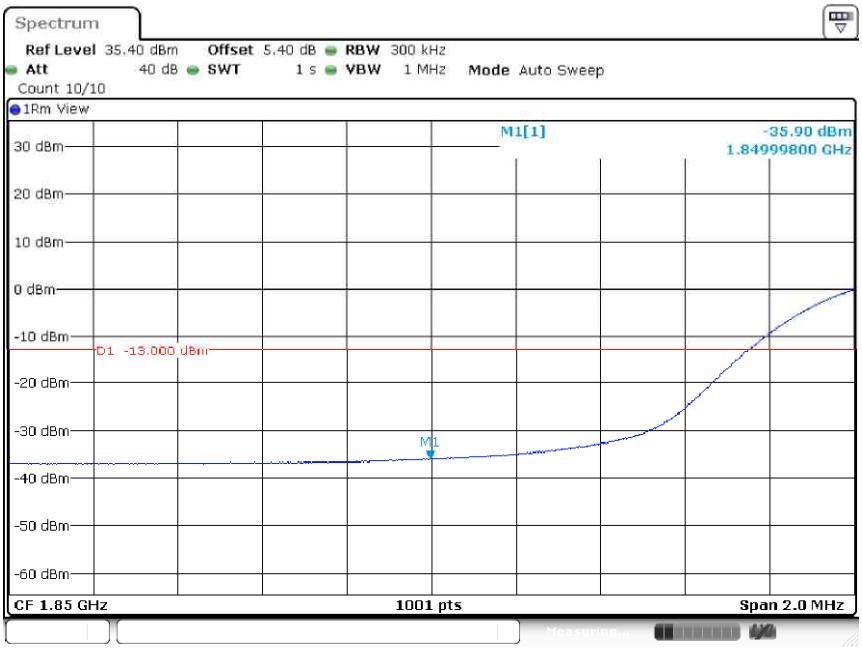
Band2-20MHz-64QAM-18700-100RB#0



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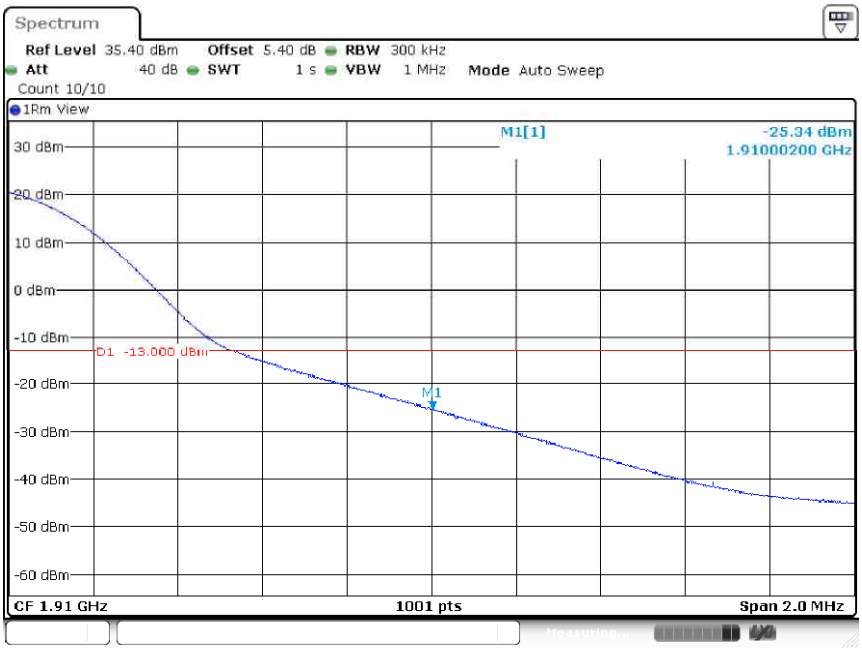
Band2-20MHz-64QAM-19100-1RB#99



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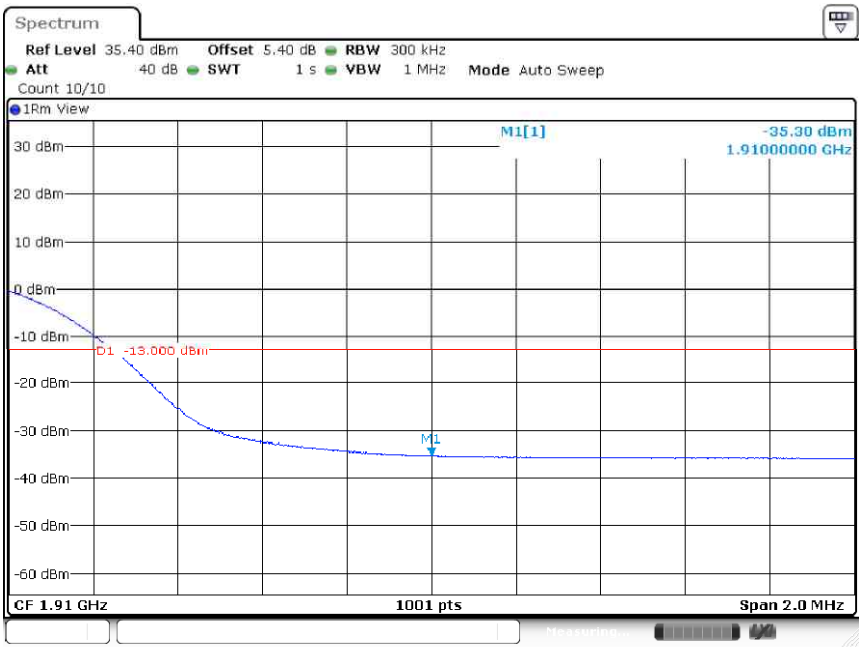
Band2-20MHz-64QAM-19100-100RB#0



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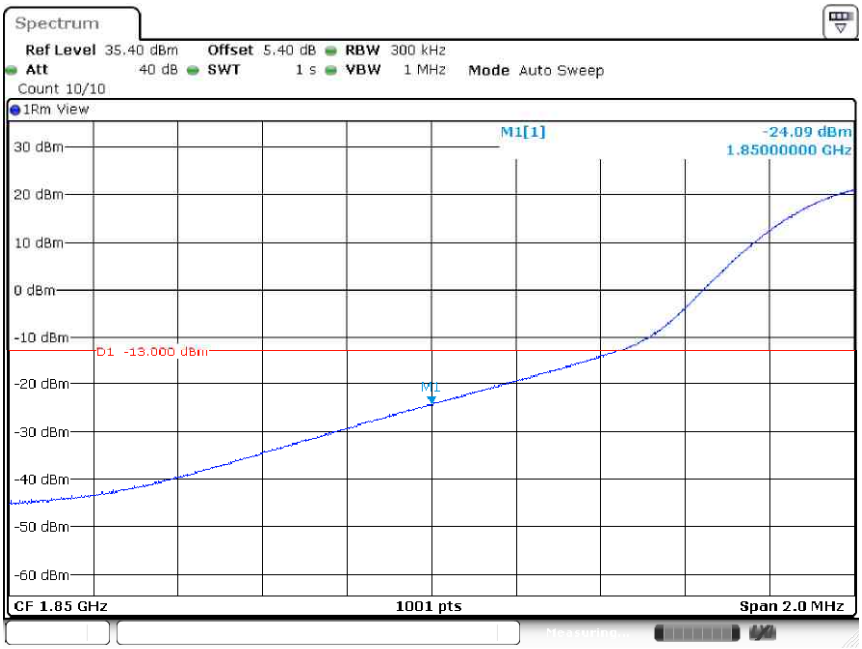
Band2-20MHz-16QAM-18700-1RB#0



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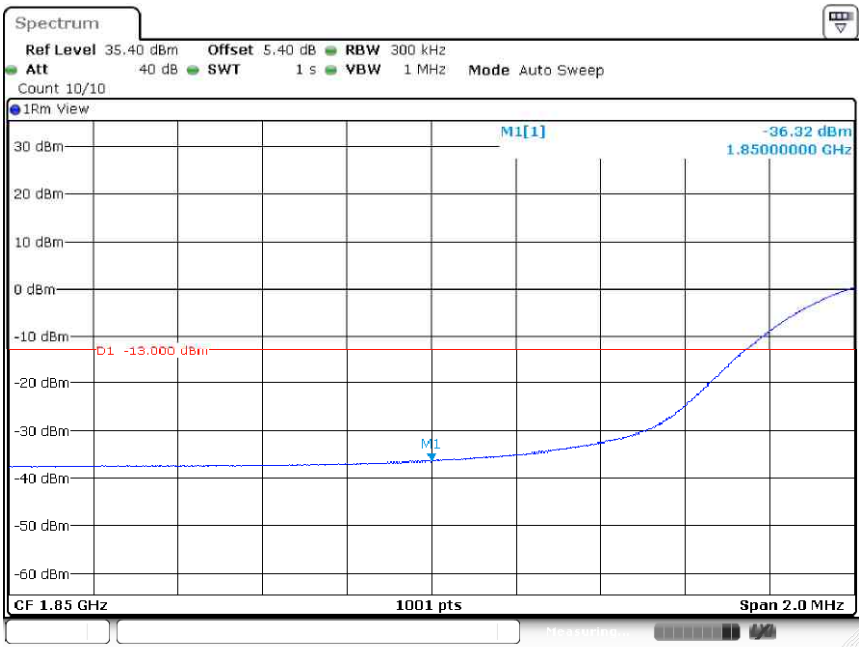
Band2-20MHz-16QAM-18700-100RB#0



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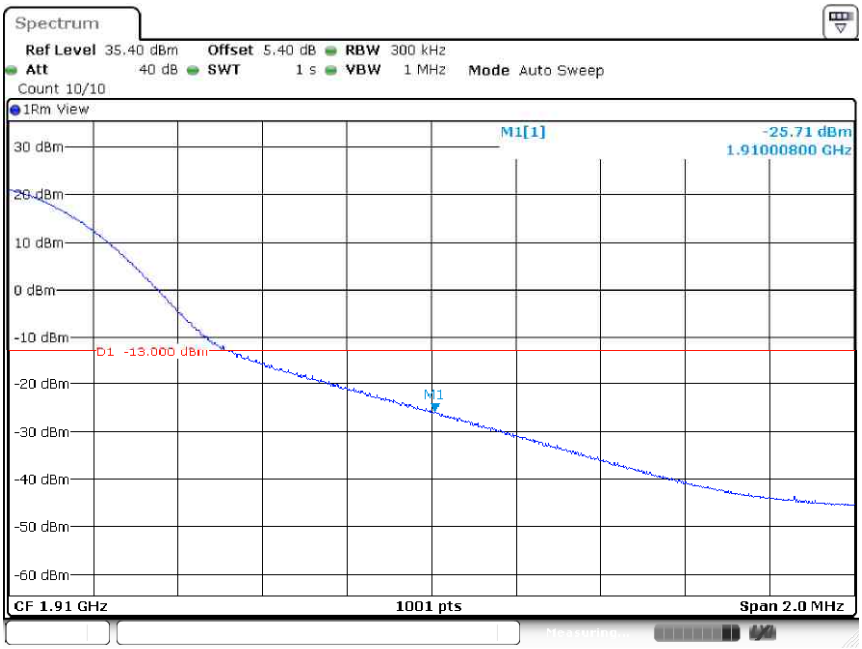
Band2-20MHz-16QAM-19100-1RB#99



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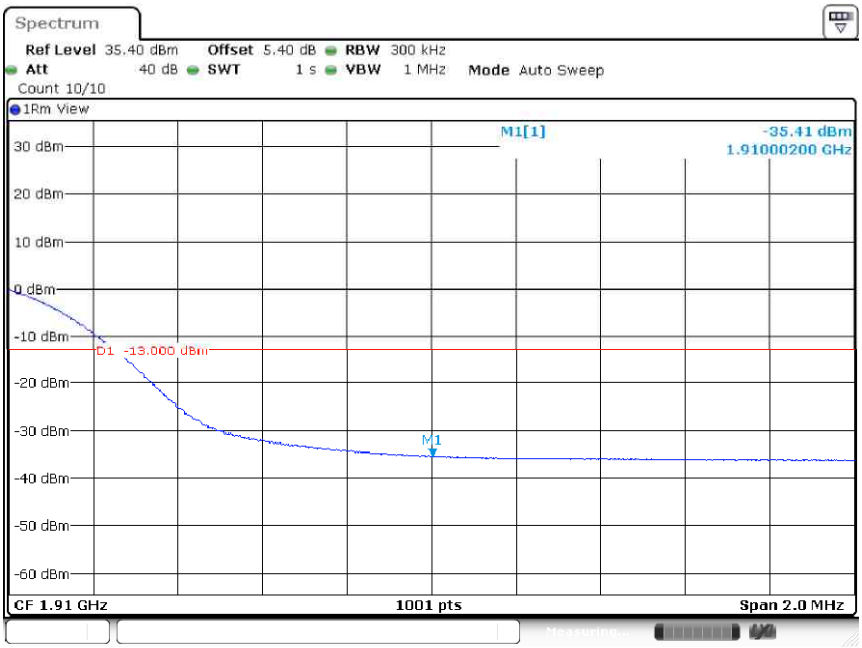
Band2-20MHz-16QAM-19100-100RB#0



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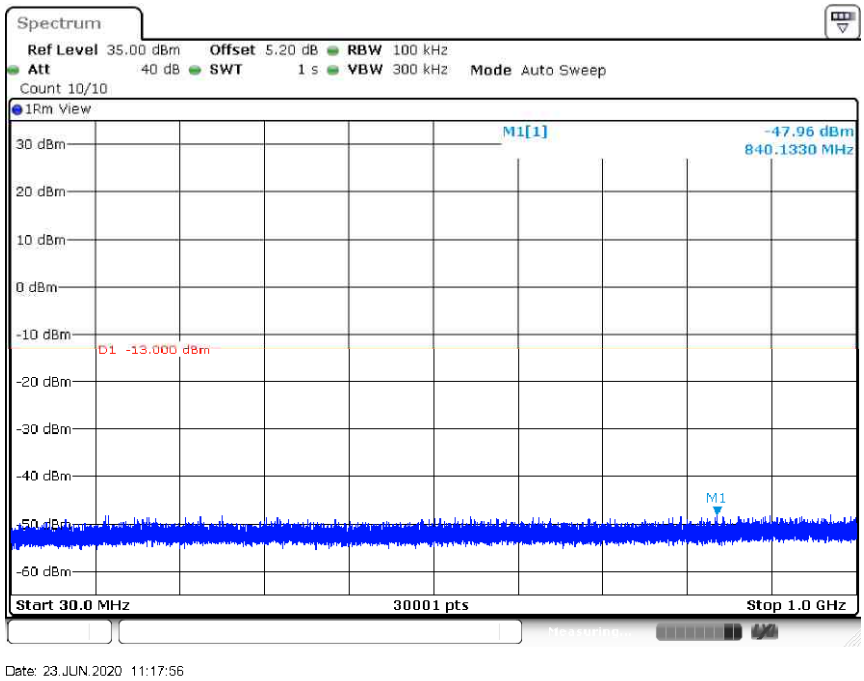
6. Spurious Emission at Antenna Terminal

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

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

6.1. Test Plots

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



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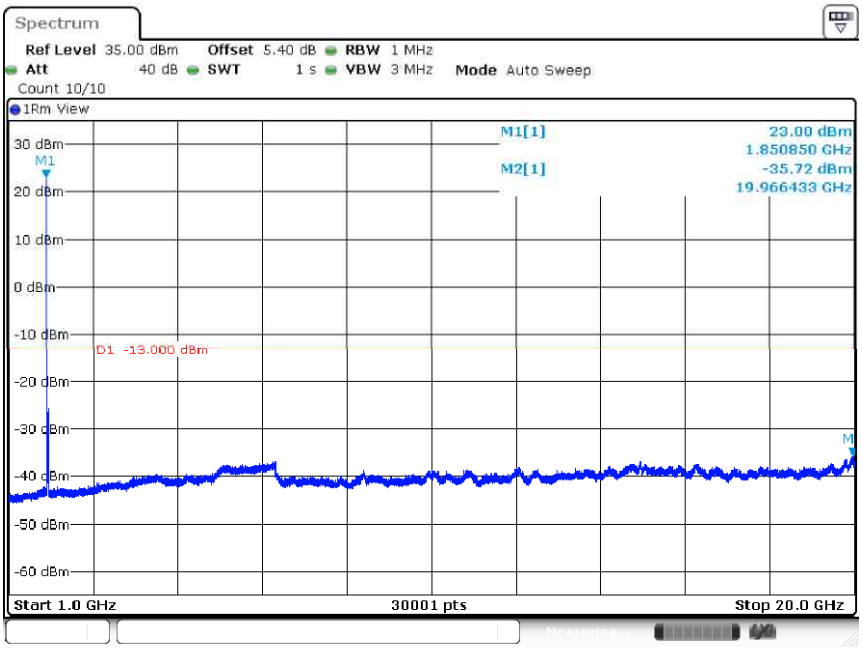
Band2-20MHz-QPSK-18700-1RB#0-Range2:1000~20000MHz



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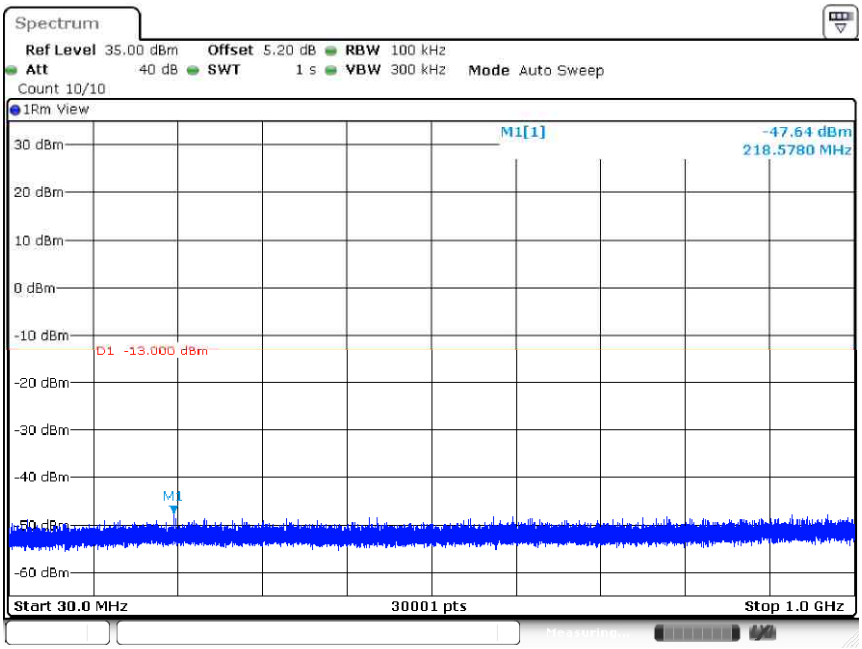
Band2-20MHz-QPSK-18900-1RB#0-Range1:30~1000MHz



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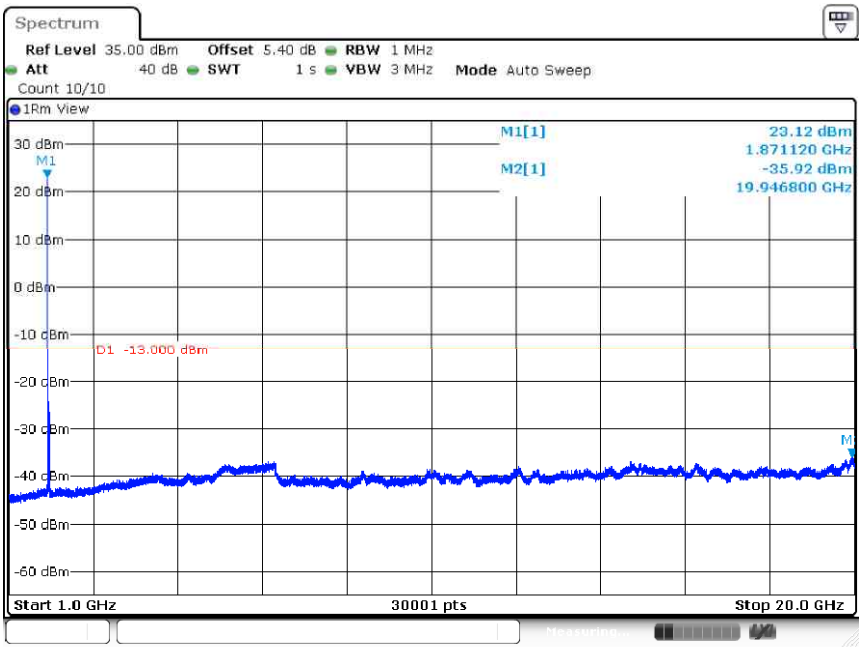
Band2-20MHz-QPSK-18900-1RB#0-Range2:1000~20000MHz



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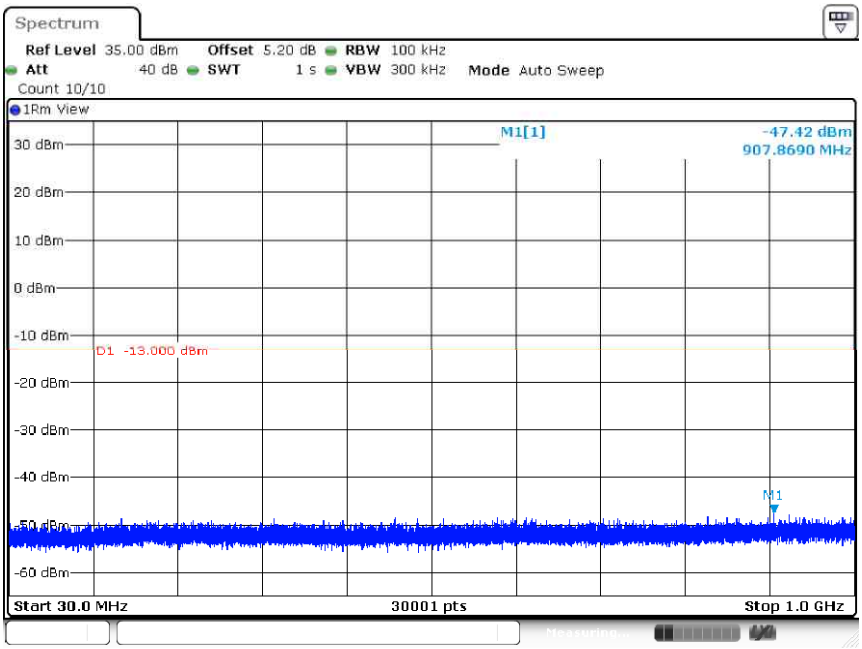
Band2-20MHz-QPSK-19100-1RB#0-Range1:30~1000MHz



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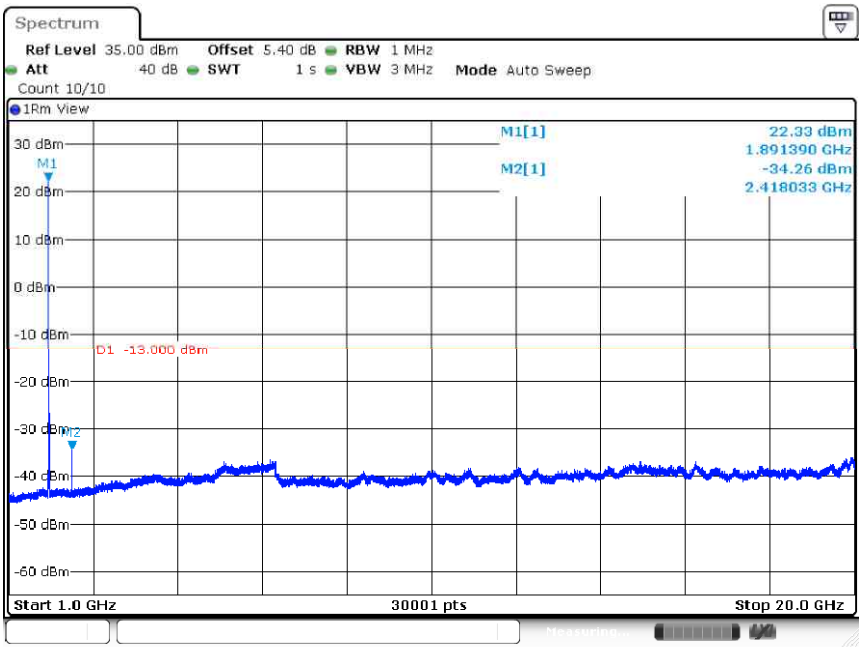
Band2-20MHz-QPSK-19100-1RB#0-Range2:1000~20000MHz



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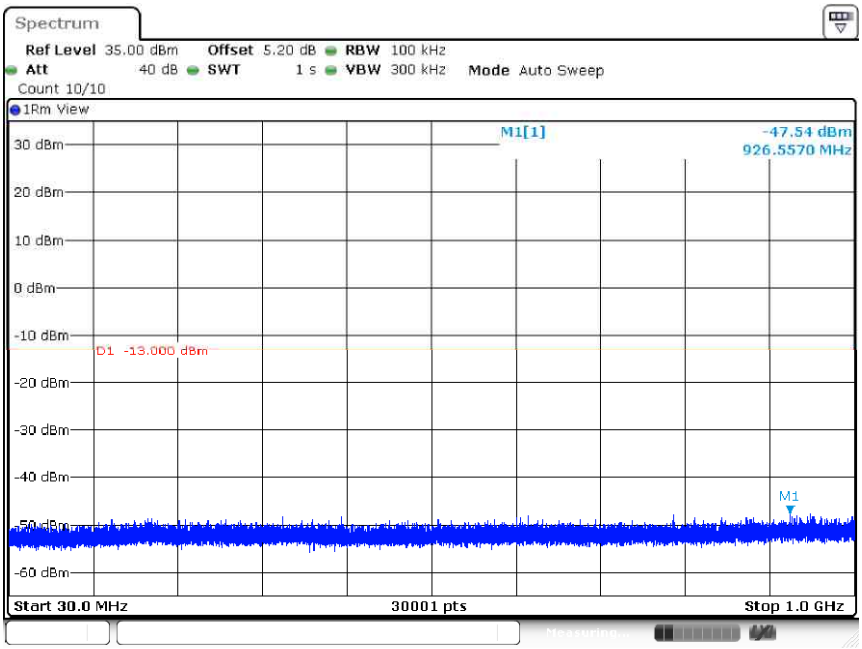

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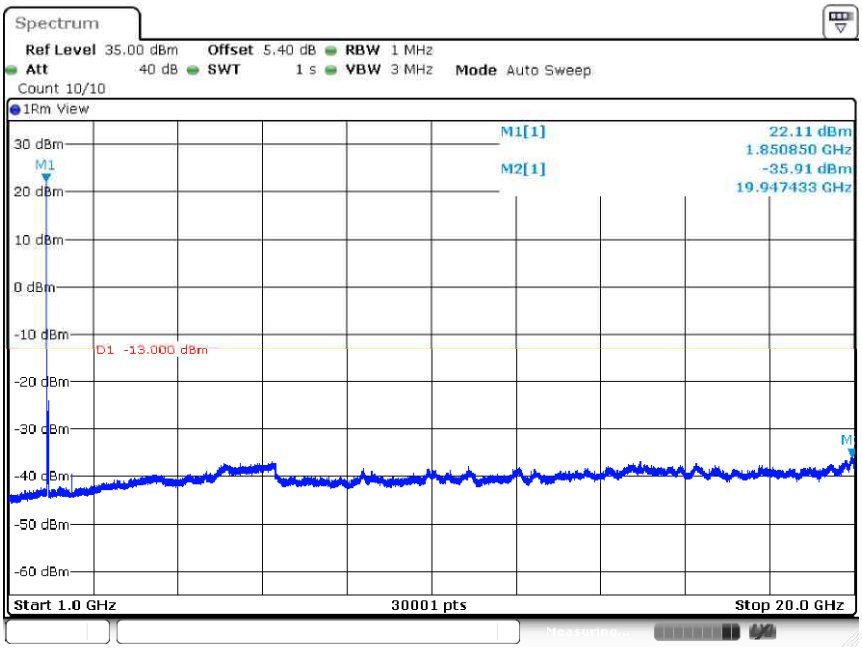
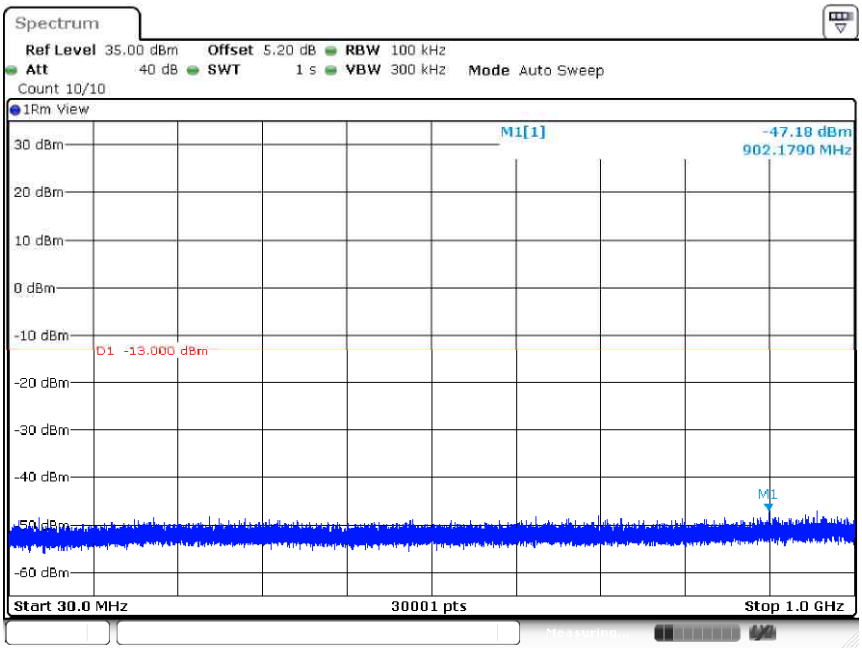
Band2-20MHz-64QAM-18700-1RB#0-Range2:1000~20000MHz



Date: 24.JUN.2020 01:56:10

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



Date: 24.JUN.2020 01:56:29

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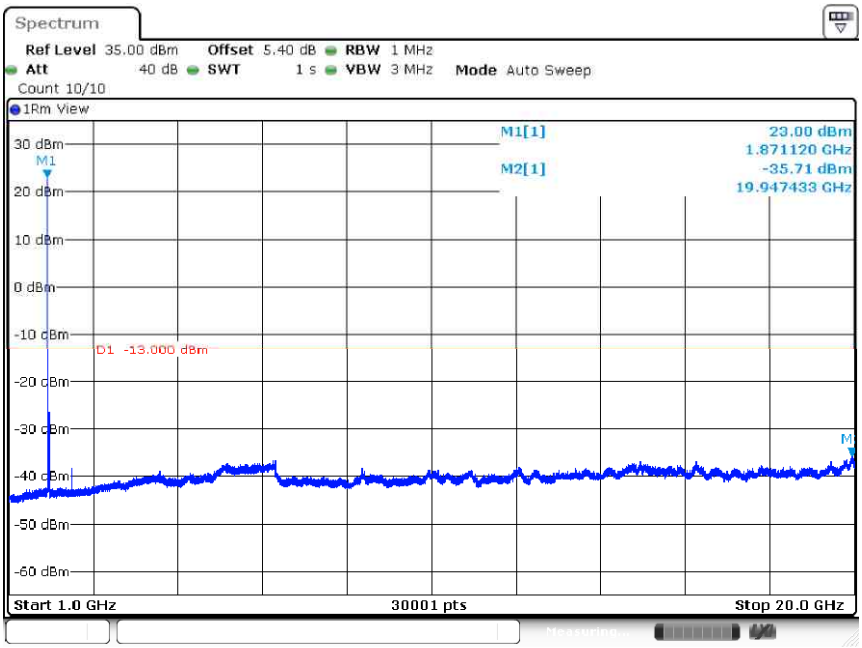
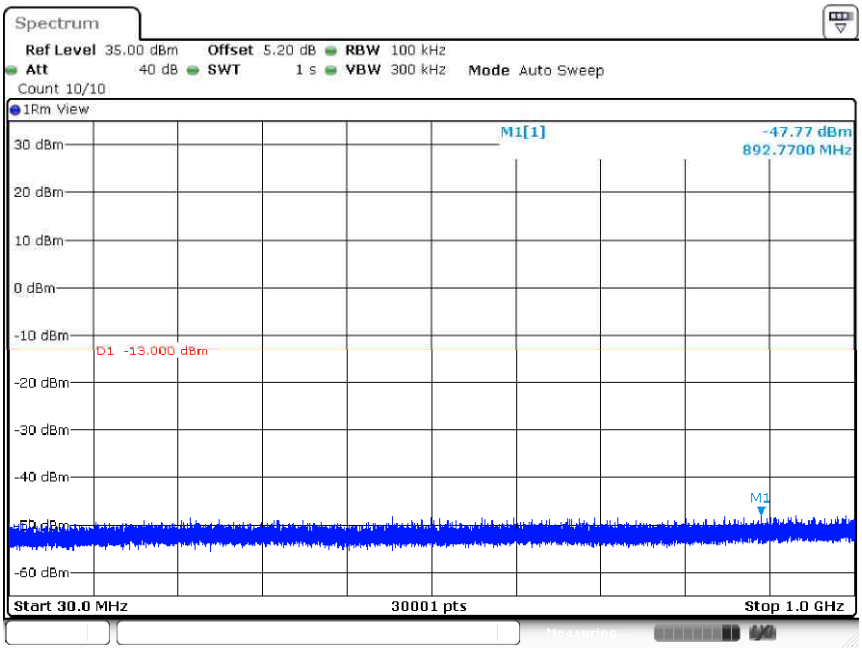
Band2-20MHz-64QAM-18900-1RB#0-Range2:1000~20000MHz



Date: 24.JUN.2020 01:56:46

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



Date: 24.JUN.2020 01:57:05

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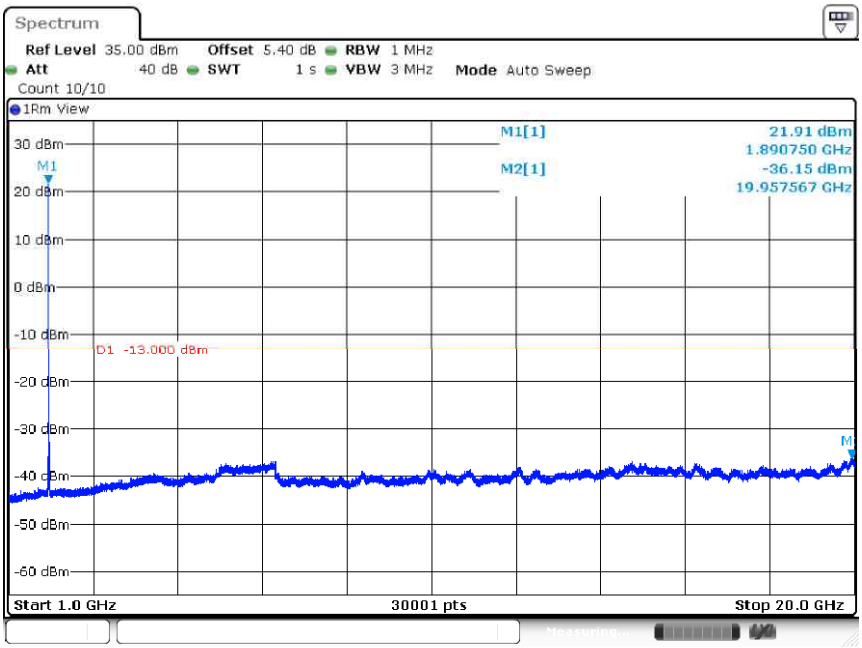
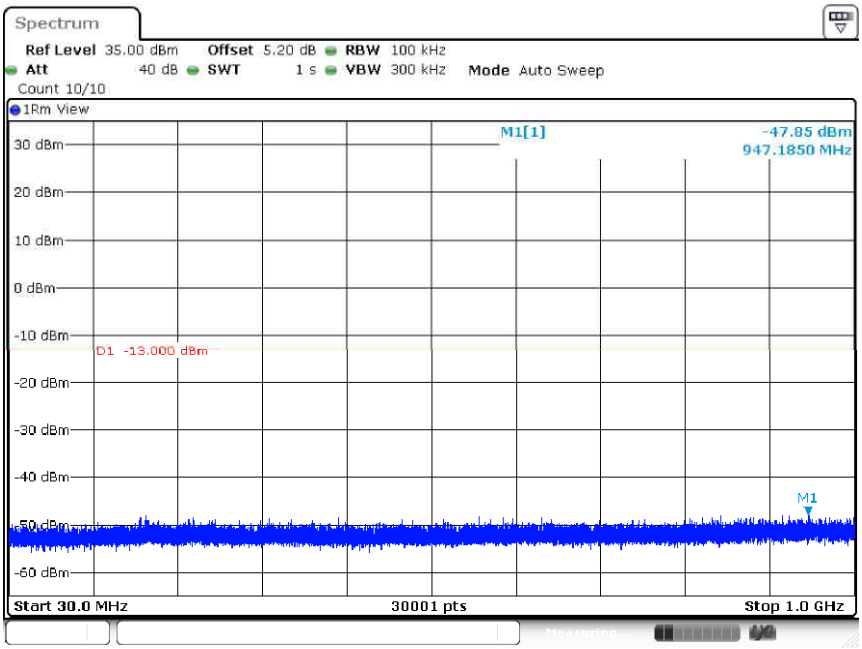
Band2-20MHz-64QAM-19100-1RB#0-Range2:1000~20000MHz



Date: 24.JUN.2020 01:57:21

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



Date: 23.JUN.2020 11:18:31

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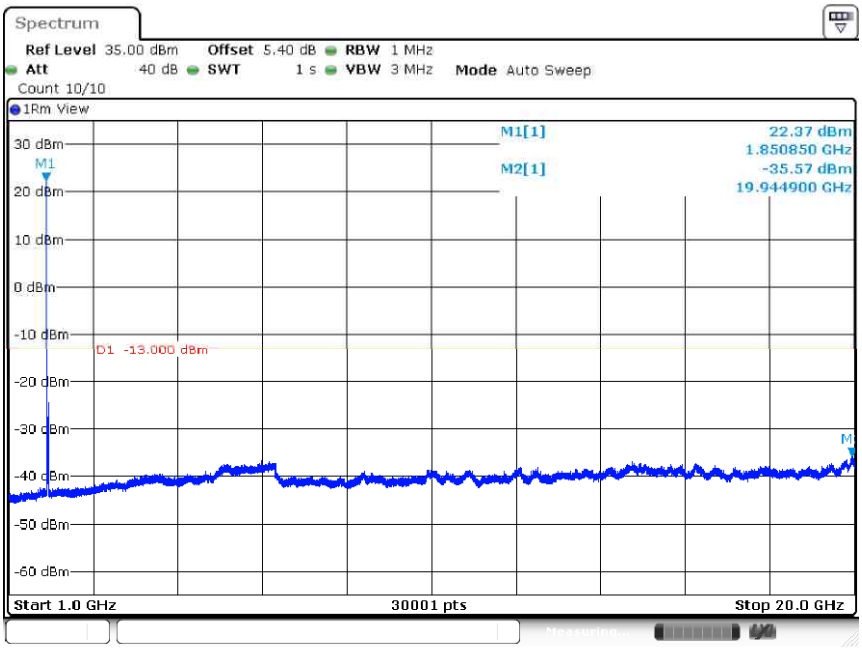
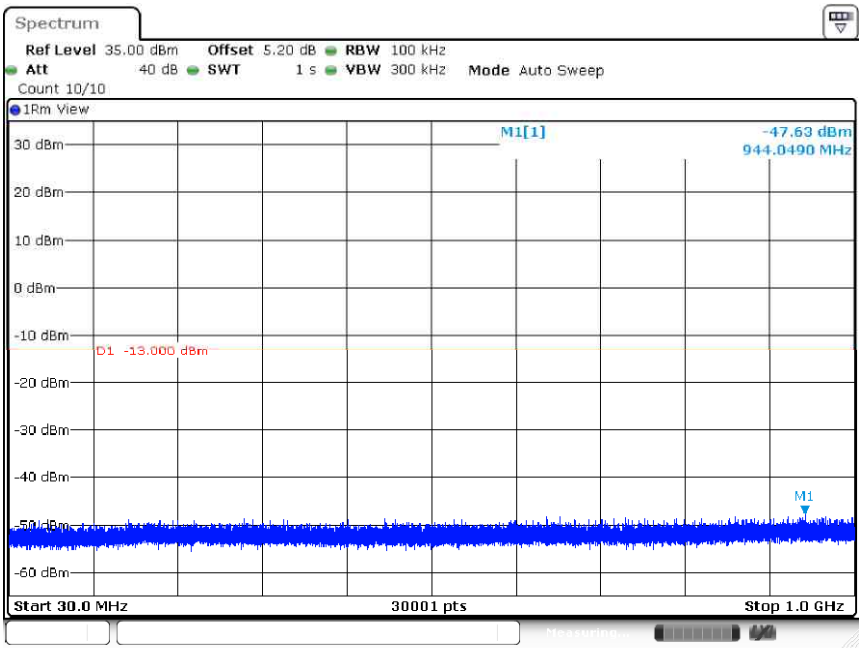
Band2-20MHz-16QAM-18700-1RB#0-Range2:1000~20000MHz



Date: 23.JUN.2020 11:18:47

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



Date: 23.JUN.2020 11:19:41

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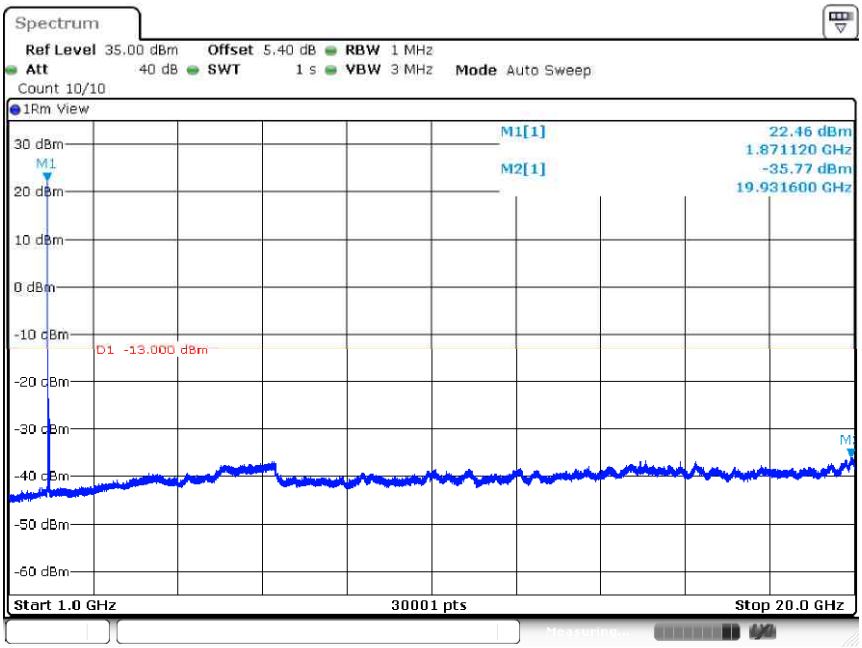
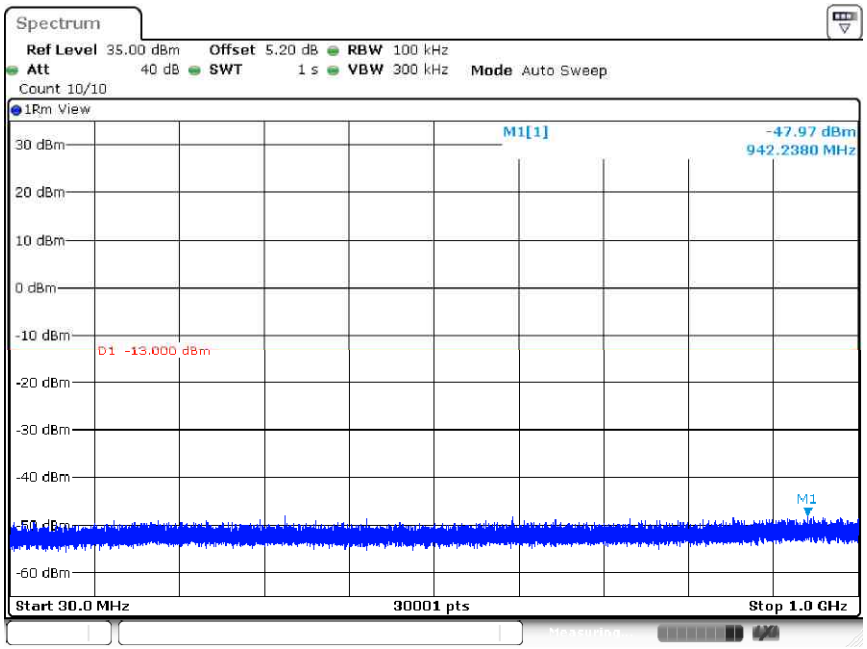
Band2-20MHz-16QAM-18900-1RB#0-Range2:1000~20000MHz



Date: 23.JUN.2020 11:19:57

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



Date: 23.JUN.2020 11:20:51

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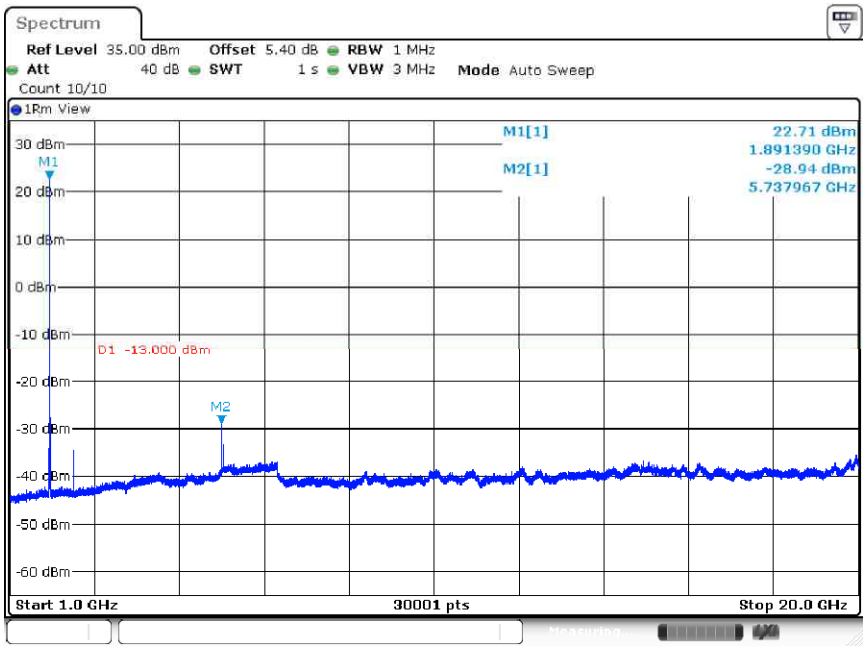
Band2-20MHz-16QAM-19100-1RB#0-Range2:1000~20000MHz



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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 20MHz

7.1.1.Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
115.1218	-65.01	-13.00	52.01	Vertical
2703.1406	-37.79	-13.00	24.79	Vertical
3702.0234	-59.72	-13.00	46.72	Vertical
5553.0851	-55.84	-13.00	42.84	Vertical
14476.8826	-47.55	-13.00	34.55	Vertical
17999.5000	-40.11	-13.00	27.11	Vertical
43.2897	-64.59	-13.00	51.59	Horizontal
616.3943	-63.99	-13.00	50.99	Horizontal
2696.3393	-36.45	-13.00	23.45	Horizontal
3702.0234	-60.33	-13.00	47.33	Horizontal
5553.5851	-51.47	-13.00	38.47	Horizontal
16395.4465	-43.99	-13.00	30.99	Horizontal

7.1.2.Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
109.6410	-64.76	-13.00	51.76	Vertical
2695.9392	-37.72	-13.00	24.72	Vertical
3742.0247	-56.59	-13.00	43.59	Vertical
5613.5871	-55.57	-13.00	42.57	Vertical
14453.8818	-47.59	-13.00	34.59	Vertical
17995.9999	-39.87	-13.00	26.87	Vertical
40.8645	-64.58	-13.00	51.58	Horizontal
650.3460	-63.97	-13.00	50.97	Horizontal
2695.5391	-36.43	-13.00	23.43	Horizontal
3742.0247	-54.46	-13.00	41.46	Horizontal
5613.0871	-54.14	-13.00	41.14	Horizontal
16403.9468	-43.52	-13.00	30.52	Horizontal

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7.1.3.Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
107.5554	-65.07	-13.00	52.07	Vertical
2576.3153	-34.92	-13.00	21.92	Vertical
3782.0261	-56.23	-13.00	43.23	Vertical
5673.5891	-56.25	-13.00	43.25	Vertical
14496.8832	-47.40	-13.00	34.40	Vertical
17994.4998	-40.06	-13.00	27.06	Vertical
45.0843	-64.84	-13.00	51.84	Horizontal
765.3938	-62.69	-13.00	49.69	Horizontal
2699.9400	-36.20	-13.00	23.20	Horizontal
3782.5261	-53.54	-13.00	40.54	Horizontal
5673.0891	-54.49	-13.00	41.49	Horizontal
16391.4464	-43.90	-13.00	30.90	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 (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	VL	NT	-3.90	-0.002097	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VN	NT	-12.60	-0.006774	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VH	NT	-3.40	-0.001828	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	-8.50	-0.004521	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	-8.40	-0.004468	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	-13.30	-0.007074	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VL	NT	2.70	0.001421	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VN	NT	-2.50	-0.001316	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VH	NT	-8.90	-0.004684	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VL	NT	-3.30	-0.001774	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VN	NT	1.90	0.001022	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VH	NT	-12.40	-0.006667	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VL	NT	-14.10	-0.007500	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VN	NT	3.10	0.001649	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VH	NT	-15.80	-0.008404	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VL	NT	-10.60	-0.005579	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VN	NT	-4.60	-0.002421	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VH	NT	-2.50	-0.001316	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VL	NT	-1.70	-0.000914	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VN	NT	-6.30	-0.003387	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VH	NT	1.10	0.000591	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VL	NT	-2.20	-0.001170	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VN	NT	-7.10	-0.003777	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VH	NT	-16.70	-0.008883	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VL	NT	-8.20	-0.004316	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VN	NT	-4.20	-0.002211	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VH	NT	-0.50	-0.000263	±2.5	PASS

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8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	NV	-30	-1.50	-0.000806	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-20	5.30	0.002849	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	0	-3.70	-0.001989	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	10	-10.30	-0.005538	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	20	4.60	0.002473	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	30	-1.40	-0.000753	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	40	-0.30	-0.000161	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	50	-2.80	-0.001505	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	-14.90	-0.007926	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	-20.20	-0.010745	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	-0.90	-0.000479	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	-13.60	-0.007234	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	-11.80	-0.006277	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	-4.20	-0.002234	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	-13.80	-0.007340	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	-12.20	-0.006489	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-30	-1.60	-0.000842	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-20	-5.20	-0.002737	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	0	-2.70	-0.001421	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	10	-5.20	-0.002737	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	20	-11.80	-0.006211	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	30	-9.40	-0.004947	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	40	-6.40	-0.003368	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	50	-11.60	-0.006105	±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	-6.20	-0.003333	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	0	-4.40	-0.002366	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	10	-10.60	-0.005699	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	20	-1.00	-0.000538	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	30	-5.80	-0.003118	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	40	-1.10	-0.000591	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	50	-9.00	-0.004839	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-30	-2.10	-0.001117	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-20	-11.40	-0.006064	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	0	-15.80	-0.008404	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	10	-2.00	-0.001064	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	20	-3.30	-0.001755	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	30	-0.10	-0.000053	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	40	-2.30	-0.001223	±2.5	PASS

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Band2	20MHz	64QAM	18900	100RB#0	NV	50	-2.50	-0.001330	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-30	-7.20	-0.003789	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-20	-10.30	-0.005421	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	0	2.60	0.001368	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	10	1.90	0.001000	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	20	-2.80	-0.001474	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	30	-3.10	-0.001632	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	40	-3.00	-0.001579	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	50	-8.90	-0.004684	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-30	-0.60	-0.000323	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-20	-4.70	-0.002527	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	0	-3.00	-0.001613	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	10	1.80	0.000968	±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	30	-3.00	-0.001613	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	40	-0.90	-0.000484	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	50	3.50	0.001882	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-30	9.40	0.005000	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-20	-0.10	-0.000053	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	0	-5.60	-0.002979	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	10	1.20	0.000638	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	20	-4.30	-0.002287	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	30	-15.70	-0.008351	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	40	-0.80	-0.000426	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	50	-6.50	-0.003457	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-30	-11.60	-0.006105	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-20	-19.10	-0.010053	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	0	-16.50	-0.008684	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	10	-0.60	-0.000316	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	20	-16.50	-0.008684	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	30	-10.70	-0.005632	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	40	-6.70	-0.003526	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	50	-5.90	-0.003105	±2.5	PASS

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