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	22.70	25.1	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	22.59	24.99	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	22.61	25.01	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	22.61	25.01	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	22.56	24.96	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	22.52	24.92	33.00	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	21.64	24.04	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	22.44	24.84	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	22.45	24.85	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	22.49	24.89	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	22.53	24.93	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	22.60	25	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	22.57	24.97	33.00	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	21.73	24.13	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	22.64	25.04	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	**23.05**	25.45	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	22.87	25.27	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	22.75	25.15	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	22.97	25.37	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	22.90	25.3	33.00	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	21.87	24.27	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	21.13	23.53	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	21.29	23.69	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	21.13	23.53	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	21.63	24.03	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	21.74	24.14	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	21.67	24.07	33.00	PASS

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Band2	1.4MHz	16QAM	18607	6RB#0	20.50	22.9	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	21.54	23.94	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	21.61	24.01	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	21.59	23.99	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	21.82	24.22	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	21.77	24.17	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	21.82	24.22	33.00	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	20.67	23.07	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	21.55	23.95	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	21.57	23.97	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	21.33	23.73	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	21.85	24.25	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	21.81	24.21	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	21.63	24.03	33.00	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	20.66	23.06	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#8	22.52	24.92	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#0	22.60	25	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#14	22.27	24.67	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#7	21.50	23.9	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#0	21.61	24.01	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#4	21.54	23.94	33.00	PASS
Band2	3MHz	QPSK	18615	15RB#0	21.55	23.95	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#8	22.41	24.81	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#14	22.49	24.89	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#0	22.38	24.78	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#4	21.60	24	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#7	21.62	24.02	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#0	21.59	23.99	33.00	PASS
Band2	3MHz	QPSK	18900	15RB#0	21.58	23.98	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#8	22.62	25.02	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#0	22.75	25.15	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#14	22.60	25	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#7	21.76	24.16	33.00	PASS

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Band2	3MHz	QPSK	19185	8RB#4	21.88	24.28	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#0	21.66	24.06	33.00	PASS
Band2	3MHz	QPSK	19185	15RB#0	21.82	24.22	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#0	21.21	23.61	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#8	21.18	23.58	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#14	21.19	23.59	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#7	20.50	22.9	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#0	20.62	23.02	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#4	20.55	22.95	33.00	PASS
Band2	3MHz	16QAM	18615	15RB#0	20.67	23.07	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#14	21.30	23.7	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#8	21.29	23.69	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#0	21.30	23.7	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#4	20.67	23.07	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#0	20.76	23.16	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#7	20.62	23.02	33.00	PASS
Band2	3MHz	16QAM	18900	15RB#0	20.71	23.11	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#0	21.90	24.3	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#8	22.23	24.63	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#14	21.45	23.85	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#0	20.80	23.2	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#4	20.87	23.27	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#7	20.93	23.33	33.00	PASS
Band2	3MHz	16QAM	19185	15RB#0	20.99	23.39	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#12	22.58	24.98	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#0	22.70	25.1	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#24	22.34	24.74	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#13	21.58	23.98	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#6	21.67	24.07	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#0	21.60	24	33.00	PASS
Band2	5MHz	QPSK	18625	25RB#0	21.61	24.01	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#0	22.52	24.92	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#24	22.54	24.94	33.00	PASS

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Band2	5MHz	QPSK	18900	1RB#12	22.46	24.86	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#0	21.66	24.06	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#13	21.73	24.13	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#6	21.64	24.04	33.00	PASS
Band2	5MHz	QPSK	18900	25RB#0	21.66	24.06	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#24	22.73	25.13	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#0	22.80	25.2	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#12	22.68	25.08	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#0	21.87	24.27	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#6	21.99	24.39	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#13	21.76	24.16	33.00	PASS
Band2	5MHz	QPSK	19175	25RB#0	21.91	24.31	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#24	21.05	23.45	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#12	21.27	23.67	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#0	21.16	23.56	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#0	20.59	22.99	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#6	20.68	23.08	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#13	20.62	23.02	33.00	PASS
Band2	5MHz	16QAM	18625	25RB#0	20.72	23.12	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#24	21.08	23.48	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#12	21.15	23.55	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#0	21.39	23.79	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#6	20.78	23.18	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#0	20.85	23.25	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#13	20.68	23.08	33.00	PASS
Band2	5MHz	16QAM	18900	25RB#0	20.80	23.2	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#24	21.97	24.37	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#0	22.29	24.69	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#12	21.54	23.94	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#0	20.91	23.31	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#6	20.94	23.34	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#13	21.01	23.41	33.00	PASS
Band2	5MHz	16QAM	19175	25RB#0	21.06	23.46	33.00	PASS

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Band2	10MHz	QPSK	18650	1RB#0	22.71	25.11	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.03	25.43	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#49	22.77	25.17	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#0	21.91	24.31	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#12	21.86	24.26	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#25	21.80	24.2	33.00	PASS
Band2	10MHz	QPSK	18650	50RB#0	21.90	24.3	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#0	22.76	25.16	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#24	23.02	25.42	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#49	22.93	25.33	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#12	21.94	24.34	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#25	21.94	24.34	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#0	21.85	24.25	33.00	PASS
Band2	10MHz	QPSK	18900	50RB#0	21.96	24.36	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#0	23.27	25.67	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#24	23.21	25.61	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#49	22.80	25.2	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#0	22.17	24.57	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#12	22.20	24.6	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#25	22.08	24.48	33.00	PASS
Band2	10MHz	QPSK	19150	50RB#0	22.15	24.55	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#49	22.01	24.41	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#0	22.38	24.78	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#24	21.91	24.31	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#25	21.02	23.42	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#0	20.88	23.28	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#12	20.83	23.23	33.00	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.05	23.45	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#0	22.02	24.42	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.43	24.83	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#49	21.77	24.17	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#0	20.90	23.3	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#12	20.90	23.3	33.00	PASS

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Band2	10MHz	16QAM	18900	25RB#25	20.79	23.19	33.00	PASS
Band2	10MHz	16QAM	18900	50RB#0	20.95	23.35	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#24	22.29	24.69	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#49	22.35	24.75	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#0	22.03	24.43	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#0	21.23	23.63	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#12	21.27	23.67	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#25	21.11	23.51	33.00	PASS
Band2	10MHz	16QAM	19150	50RB#0	21.13	23.53	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#0	22.64	25.04	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#38	22.77	25.17	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#74	22.73	25.13	33.00	PASS
Band2	15MHz	QPSK	18675	36RB#39	21.96	24.36	33.00	PASS
Band2	15MHz	QPSK	18675	36RB#18	22.01	24.41	33.00	PASS
Band2	15MHz	QPSK	18675	36RB#0	22.01	24.41	33.00	PASS
Band2	15MHz	QPSK	18675	75RB#0	22.02	24.42	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#74	22.65	25.05	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#0	22.86	25.26	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#38	22.94	25.34	33.00	PASS
Band2	15MHz	QPSK	18900	36RB#0	22.02	24.42	33.00	PASS
Band2	15MHz	QPSK	18900	36RB#39	22.00	24.4	33.00	PASS
Band2	15MHz	QPSK	18900	36RB#18	22.06	24.46	33.00	PASS
Band2	15MHz	QPSK	18900	75RB#0	21.98	24.38	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#38	22.94	25.34	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#0	23.36	25.76	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#74	23.05	25.45	33.00	PASS
Band2	15MHz	QPSK	19125	36RB#39	22.26	24.66	33.00	PASS
Band2	15MHz	QPSK	19125	36RB#0	22.41	24.81	33.00	PASS
Band2	15MHz	QPSK	19125	36RB#18	22.23	24.63	33.00	PASS
Band2	15MHz	QPSK	19125	75RB#0	22.30	24.7	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#0	21.96	24.36	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#38	22.41	24.81	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#74	22.04	24.44	33.00	PASS

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Band2	15MHz	16QAM	18675	36RB#0	20.96	23.36	33.00	PASS
Band2	15MHz	16QAM	18675	36RB#18	21.03	23.43	33.00	PASS
Band2	15MHz	16QAM	18675	36RB#39	21.06	23.46	33.00	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.05	23.45	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#38	22.03	24.43	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.48	24.88	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#0	21.64	24.04	33.00	PASS
Band2	15MHz	16QAM	18900	36RB#0	20.98	23.38	33.00	PASS
Band2	15MHz	16QAM	18900	36RB#18	21.17	23.57	33.00	PASS
Band2	15MHz	16QAM	18900	36RB#39	21.01	23.41	33.00	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.14	23.54	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#0	21.92	24.32	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#38	22.70	25.1	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#74	22.05	24.45	33.00	PASS
Band2	15MHz	16QAM	19125	36RB#39	21.21	23.61	33.00	PASS
Band2	15MHz	16QAM	19125	36RB#0	21.38	23.78	33.00	PASS
Band2	15MHz	16QAM	19125	36RB#18	21.33	23.73	33.00	PASS
Band2	15MHz	16QAM	19125	75RB#0	21.25	23.65	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#49	22.79	25.19	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#99	23.20	25.6	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.03	25.43	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#0	22.18	24.58	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#25	22.24	24.64	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#50	22.23	24.63	33.00	PASS
Band2	20MHz	QPSK	18700	100RB#0	22.16	24.56	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#99	22.90	25.3	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#49	22.96	25.36	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#0	22.95	25.35	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#25	22.16	24.56	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#0	22.15	24.55	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#50	22.09	24.49	33.00	PASS
Band2	20MHz	QPSK	18900	100RB#0	22.14	24.54	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#49	23.05	25.45	33.00	PASS

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Band2	20MHz	QPSK	19100	1RB#0	23.29	25.69	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#99	23.14	25.54	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#25	22.33	24.73	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#50	22.41	24.81	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#0	22.43	24.83	33.00	PASS
Band2	20MHz	QPSK	19100	100RB#0	22.32	24.72	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#99	21.74	24.14	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#0	22.07	24.47	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#49	21.70	24.1	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#0	21.29	23.69	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#25	21.27	23.67	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#50	21.19	23.59	33.00	PASS
Band2	20MHz	16QAM	18700	100RB#0	21.19	23.59	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#99	21.70	24.1	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#49	21.90	24.3	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#0	21.89	24.29	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#25	21.29	23.69	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#0	21.28	23.68	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#50	21.16	23.56	33.00	PASS
Band2	20MHz	16QAM	18900	100RB#0	21.23	23.63	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#99	21.46	23.86	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#49	22.45	24.85	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#0	22.28	24.68	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#50	21.43	23.83	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#25	21.48	23.88	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#0	21.40	23.8	33.00	PASS
Band2	20MHz	16QAM	19100	100RB#0	21.40	23.8	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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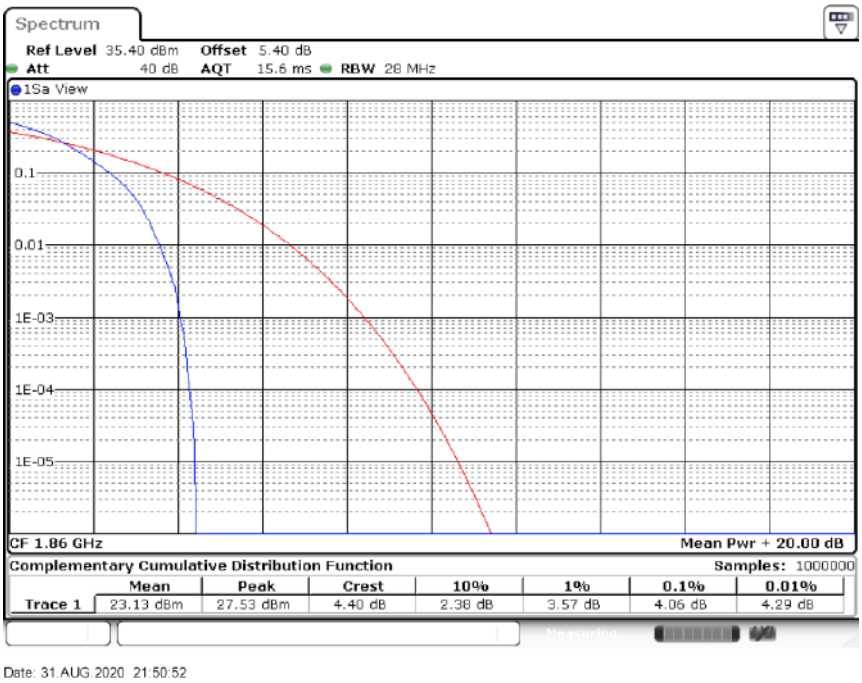
2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	4.06	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	4.14	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	3.94	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	4.99	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	4.99	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	4.81	13	PASS

2.2. Test Plots

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



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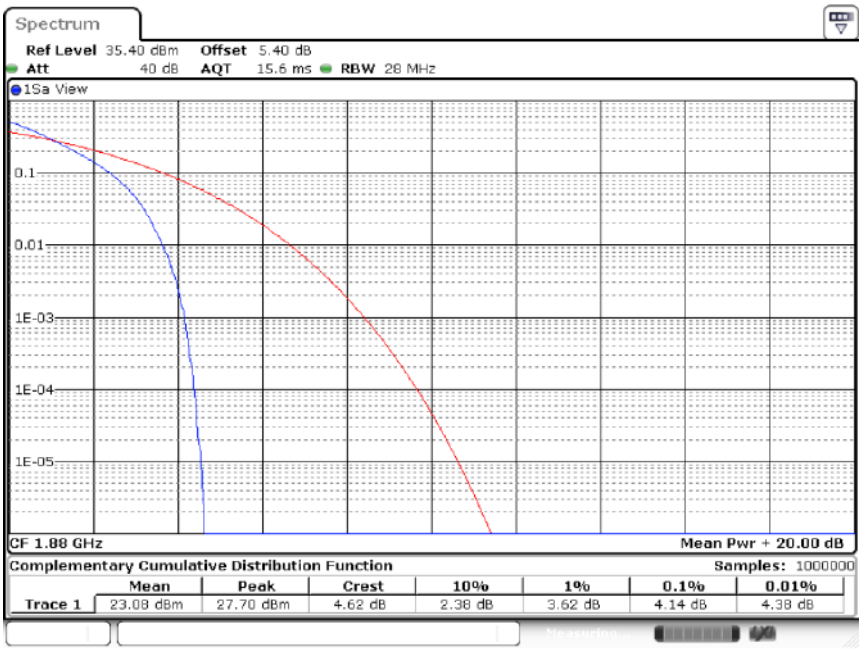
Band2-20MHz-QPSK-18900-100RB#0



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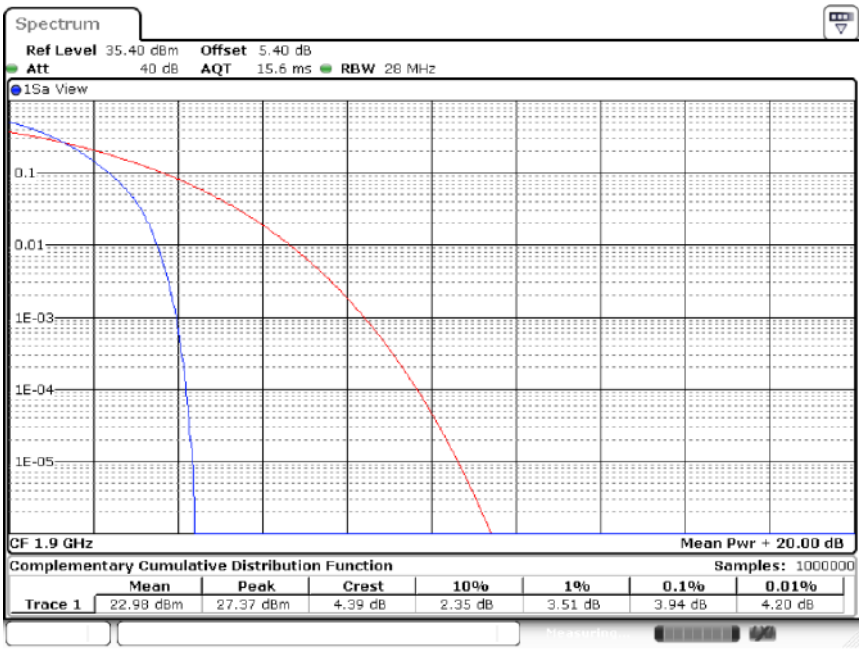
Band2-20MHz-QPSK-19100-100RB#0



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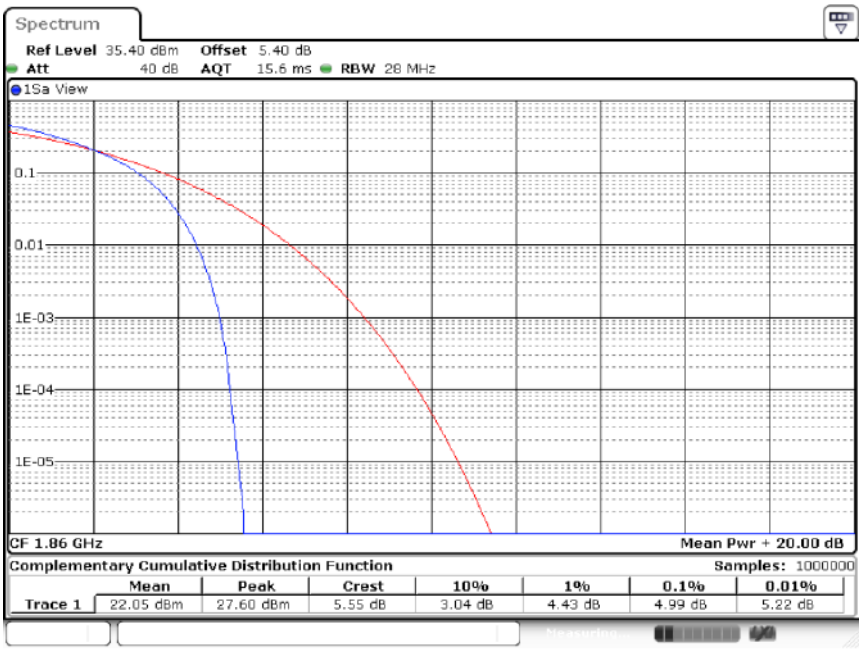
Band2-20MHz-16QAM-18700-100RB#0



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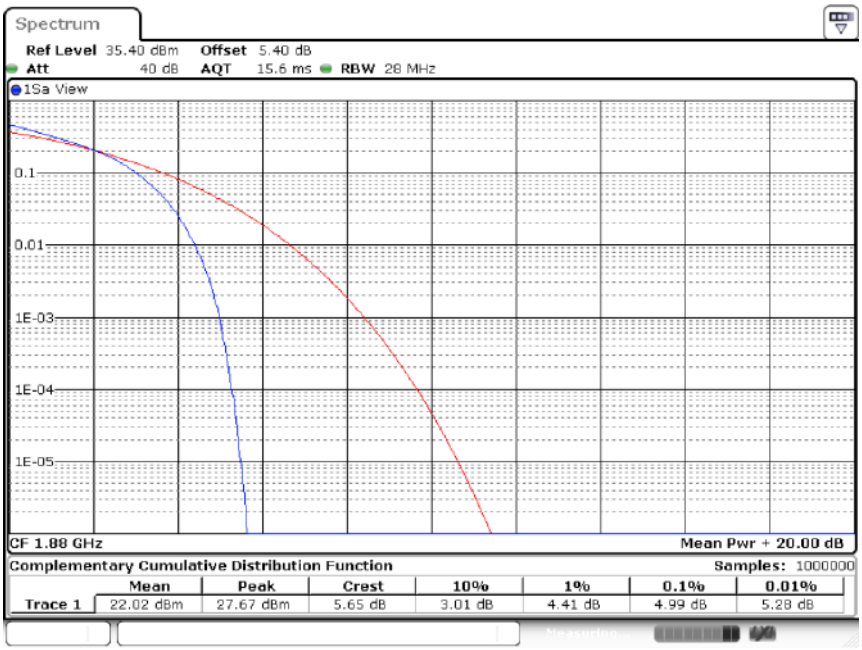
Band2-20MHz-16QAM-18900-100RB#0



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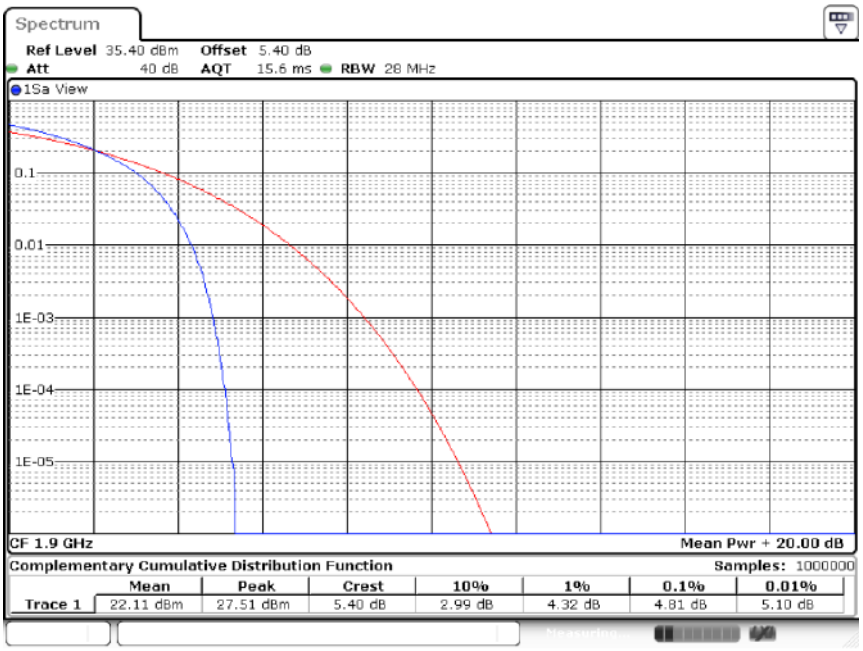

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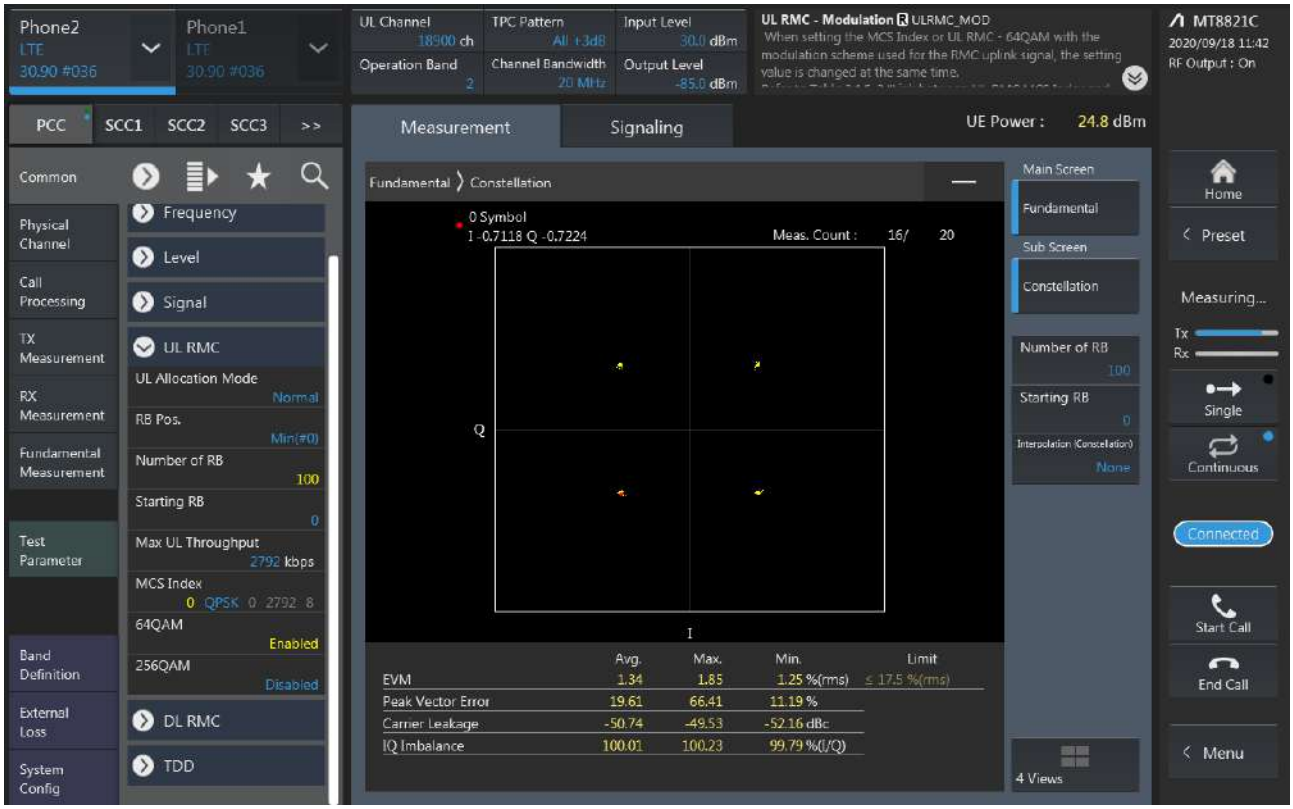
3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

3.1.1.Test Channel = MCH



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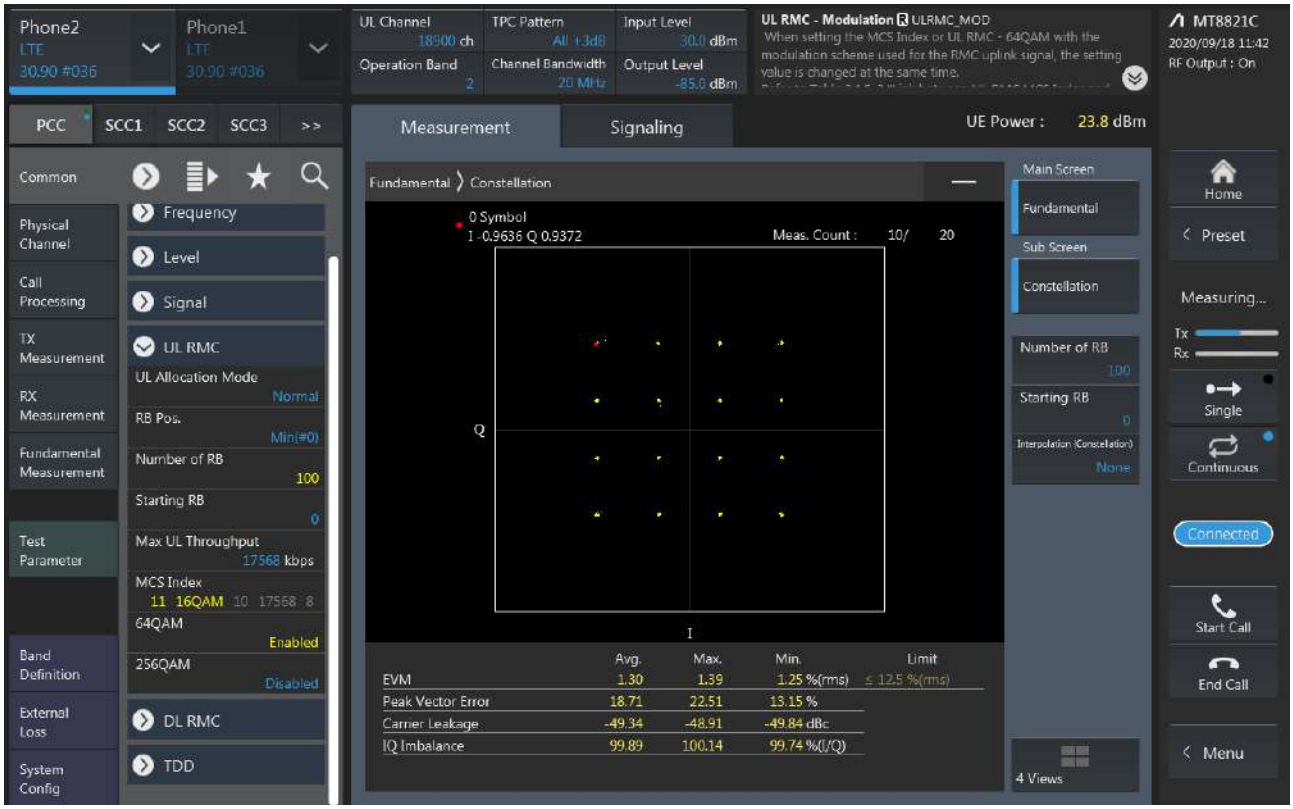
3.2. Test Mode = LTE /TM2 20MHz

3.2.1.Test Channel = MCH



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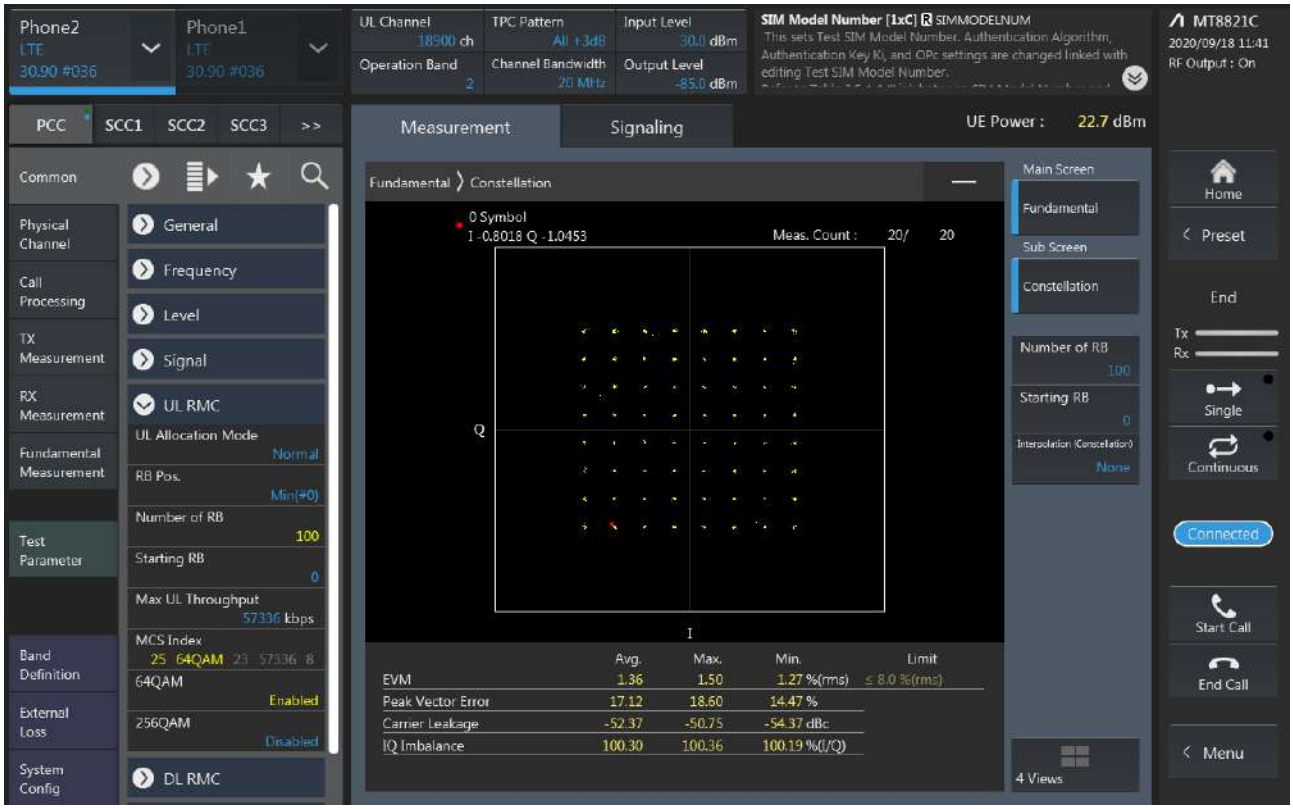
3.3. Test Mode = LTE /TM3 20MHz

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	1.094	1.317	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.097	1.311	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.103	1.404	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.094	1.344	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.091	1.335	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.1	1.455	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.697	3.000	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.703	3.006	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.697	3.036	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.685	2.976	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.685	2.982	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.691	3.012	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.476	4.950	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.476	4.950	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.476	4.990	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.476	4.970	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.486	4.990	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.486	4.990	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.911	9.780	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.911	9.820	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.931	9.760	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.931	9.800	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.931	9.780	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.911	9.840	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.397	14.790	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.427	14.820	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.337	14.790	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.397	14.730	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.427	14.820	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.397	14.730	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.782	19.360	PASS

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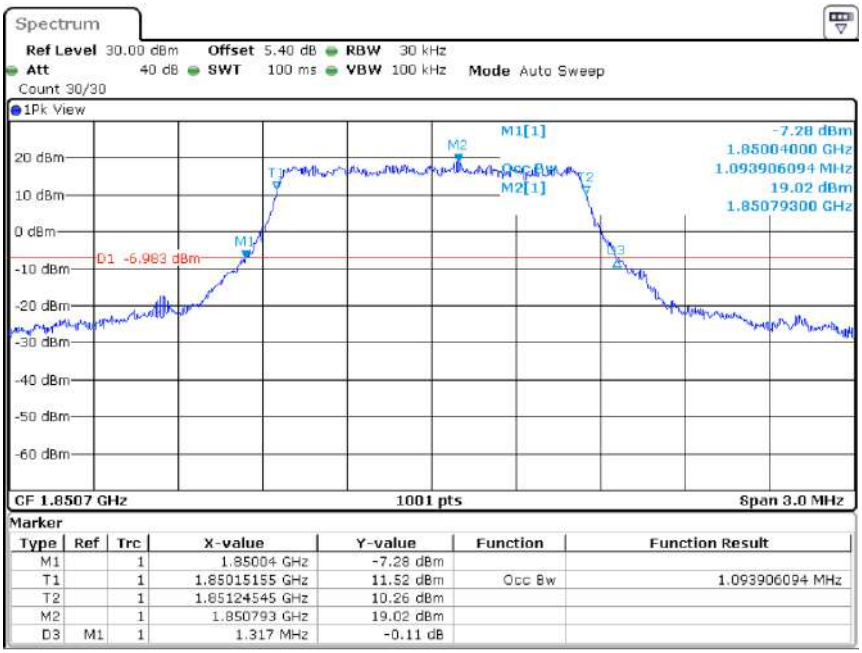
Band2	20MHz	QPSK	18900	100RB#0	17.822	19.440	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.782	19.320	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.822	19.400	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.862	19.400	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.782	19.320	PASS

4.2. Test Plots

Band2-1.4MHz-QPSK-18607-6RB#0-1.094



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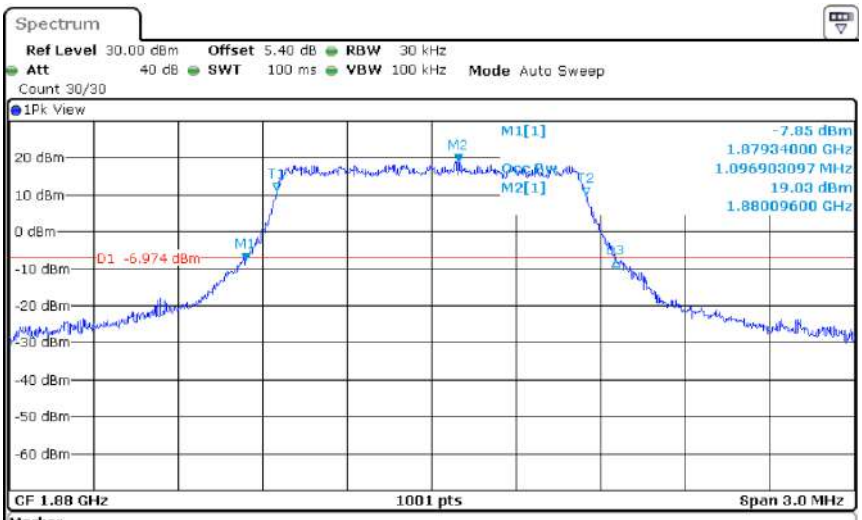
Band2-1.4MHz-QPSK-18900-6RB#0-1.097



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.87934 GHz	-7.85 dBm		
T1		1	1.87944855 GHz	11.13 dBm	Occ Bw	1.096903097 MHz
T2		1	1.88054545 GHz	10.07 dBm		
M2		1	1.880096 GHz	19.03 dBm		
D3	M1	1	1.311 MHz	0.44 dB		

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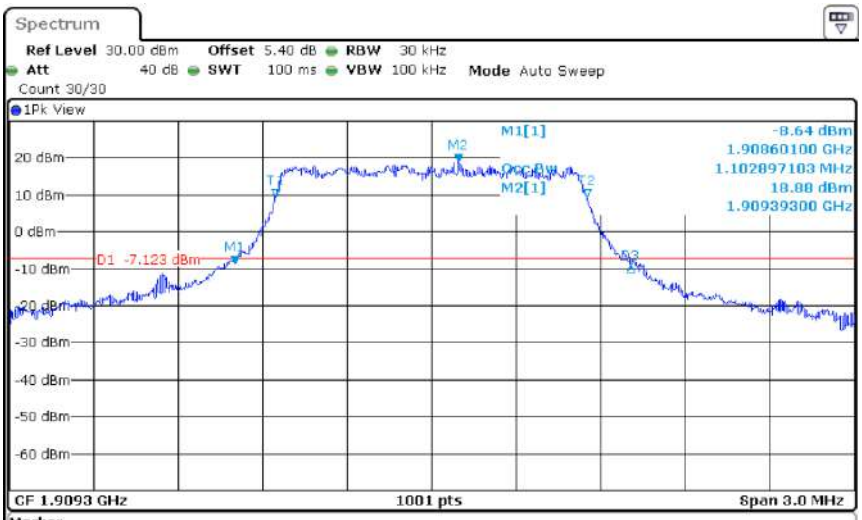
Band2-1.4MHz-QPSK-19193-6RB#0-1.103



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.908601 GHz	-8.64 dBm		
T1		1	1.90874555 GHz	9.26 dBm	Occ Bw	1.102897103 MHz
T2		1	1.90984845 GHz	9.26 dBm		
M2		1	1.909393 GHz	18.88 dBm		
D3	M1	1	1.404 MHz	-0.28 dB		

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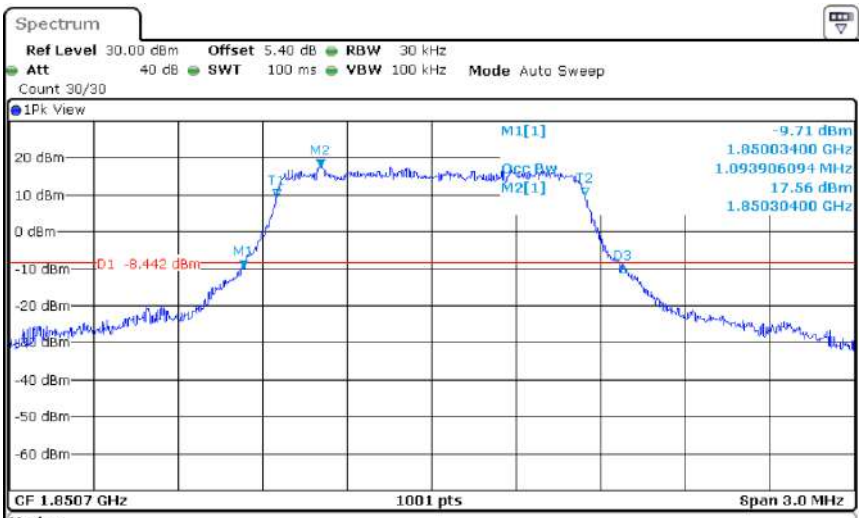
Band2-1.4MHz-16QAM-18607-6RB#0-1.094



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.850034 GHz	-9.71 dBm		
T1		1	1.85014855 GHz	9.35 dBm	Occ Bw	1.093906094 MHz
T2		1	1.85124246 GHz	9.82 dBm		
M2		1	1.850304 GHz	17.56 dBm		
D3	M1	1	1.344 MHz	0.75 dB		

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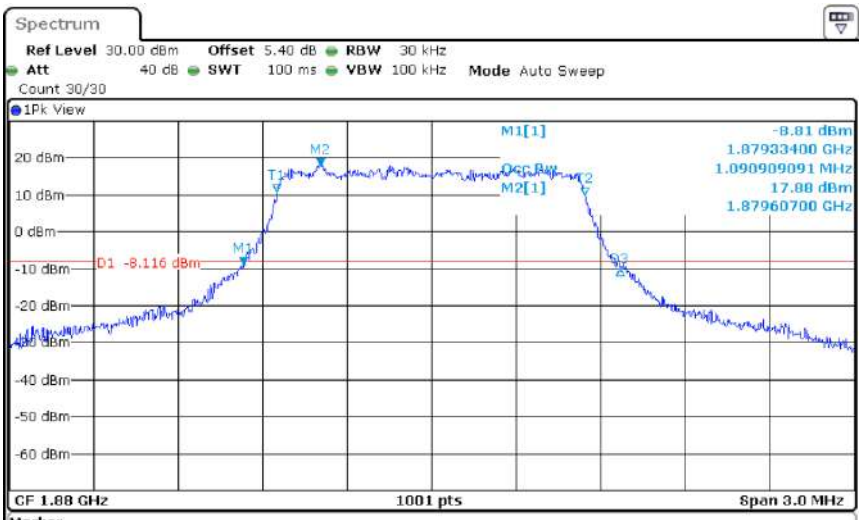
Band2-1.4MHz-16QAM-18900-6RB#0-1.091



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.879334 GHz	-8.81 dBm		
T1		1	1.87945155 GHz	10.84 dBm	Occ Bw	1.090909091 MHz
T2		1	1.88054246 GHz	9.94 dBm		
M2		1	1.879607 GHz	17.88 dBm		
D3	M1	1	1.335 MHz	-0.91 dB		

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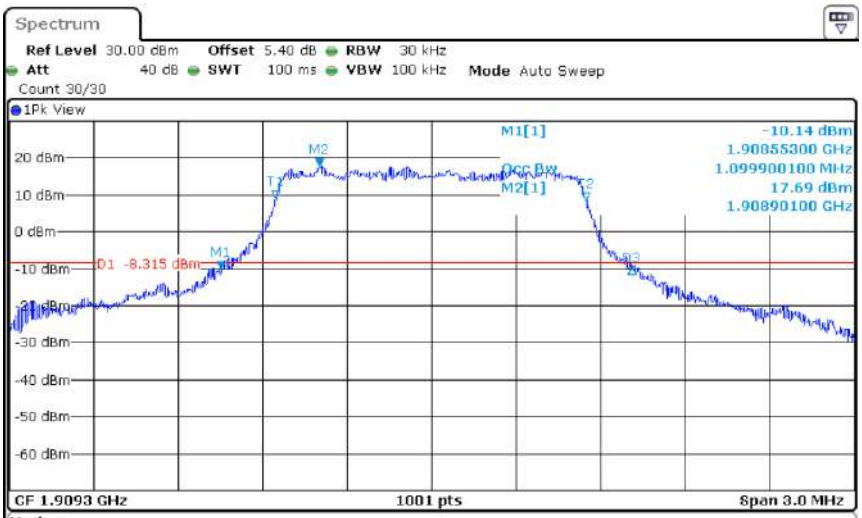
Band2-1.4MHz-16QAM-19193-6RB#0-1.1



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.908553 GHz	-10.14 dBm		
T1		1	1.90874555 GHz	9.03 dBm	Occ Bw	1.0999001 MHz
T2		1	1.90984545 GHz	8.51 dBm		
M2		1	1.908901 GHz	17.69 dBm		
D3	M1	1	1.455 MHz	0.47 dB		

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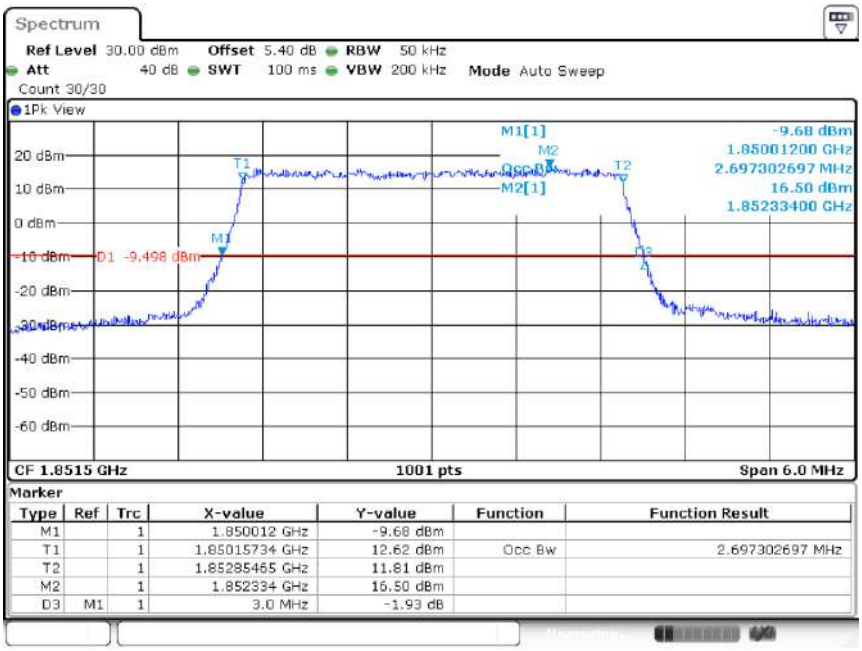
Band2-3MHz-QPSK-18615-15RB#0-2.697



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.850012 GHz	-9.68 dBm		
T1		1	1.85015734 GHz	12.62 dBm	Occ Bw	2.697302697 MHz
T2		1	1.85285465 GHz	11.81 dBm		
M2		1	1.852334 GHz	16.50 dBm		
D3	M1	1	3.0 MHz	-1.93 dB		

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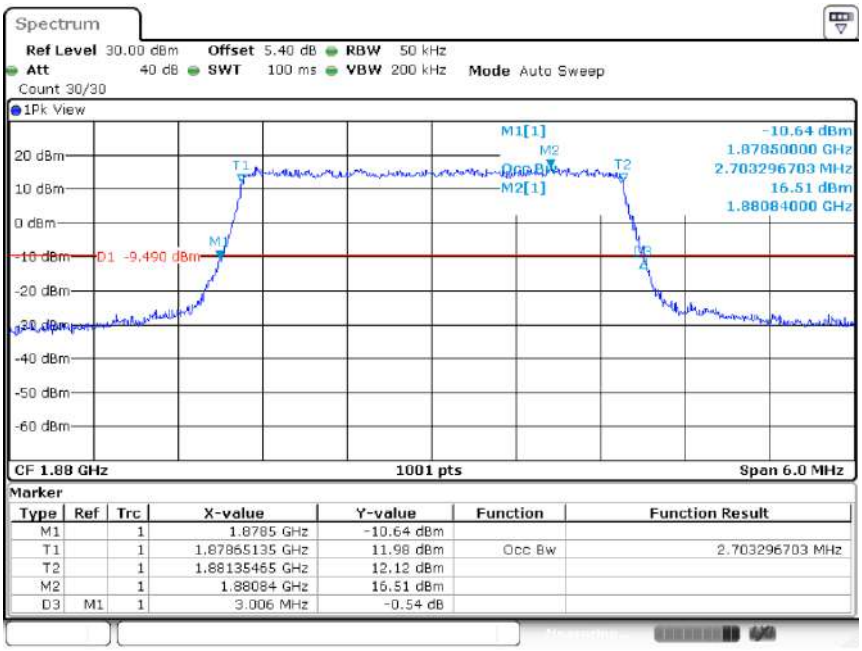
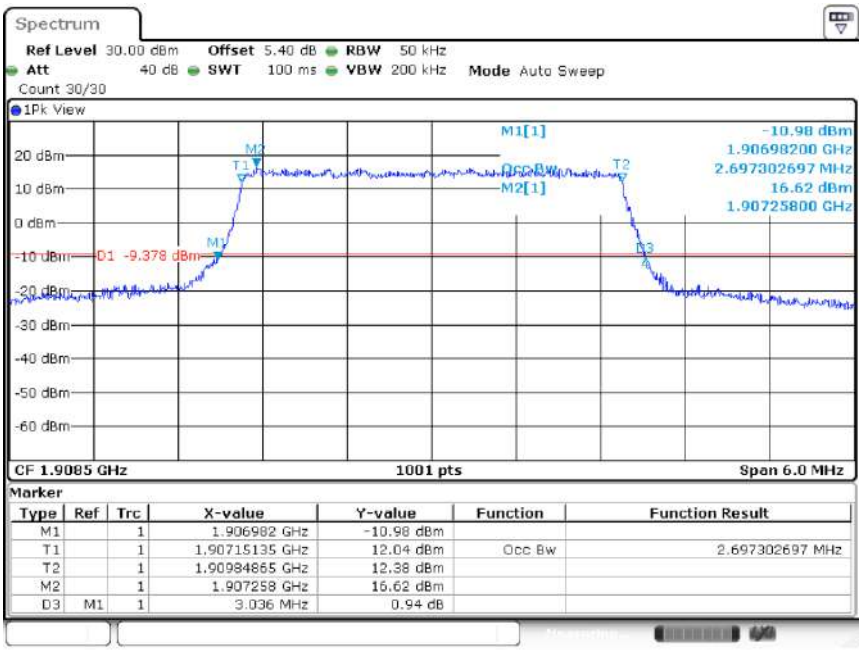
Band2-3MHz-QPSK-18900-15RB#0-2.703



Date: 31.AUG.2020 21:12:30

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



Date: 31.AUG.2020 21:12:55

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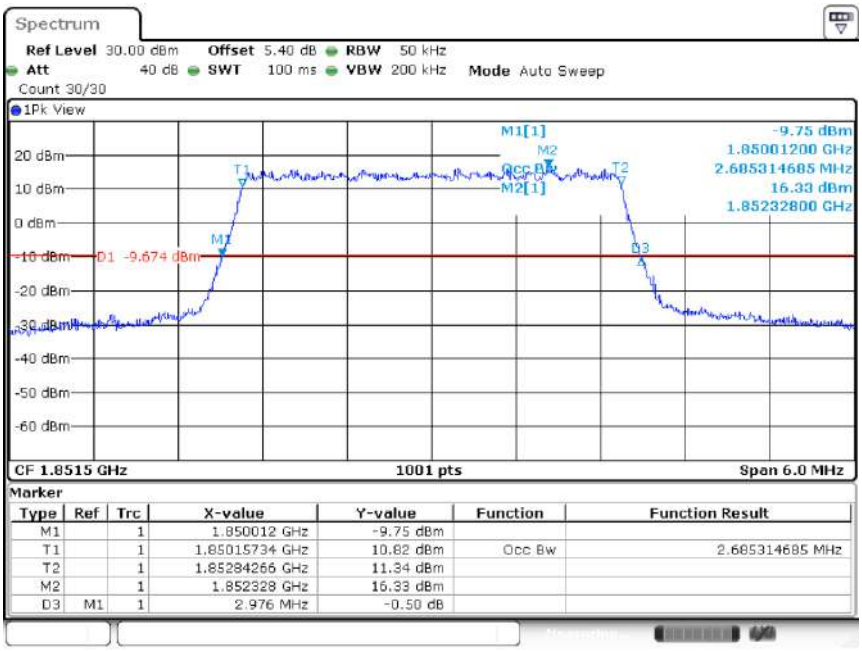
Band2-3MHz-16QAM-18615-15RB#0-2.685



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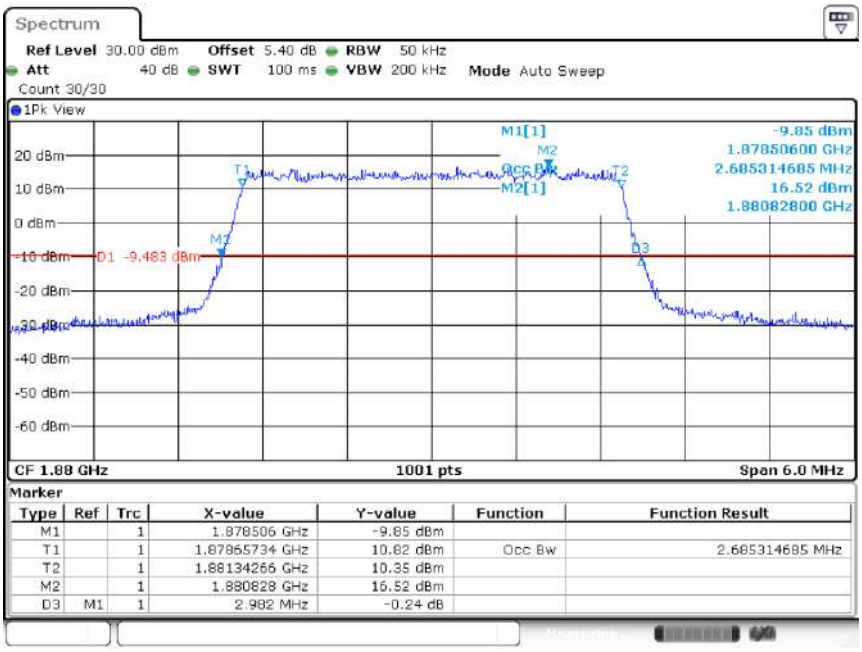
Band2-3MHz-16QAM-18900-15RB#0-2.685



Date: 31.AUG.2020 21:12:42

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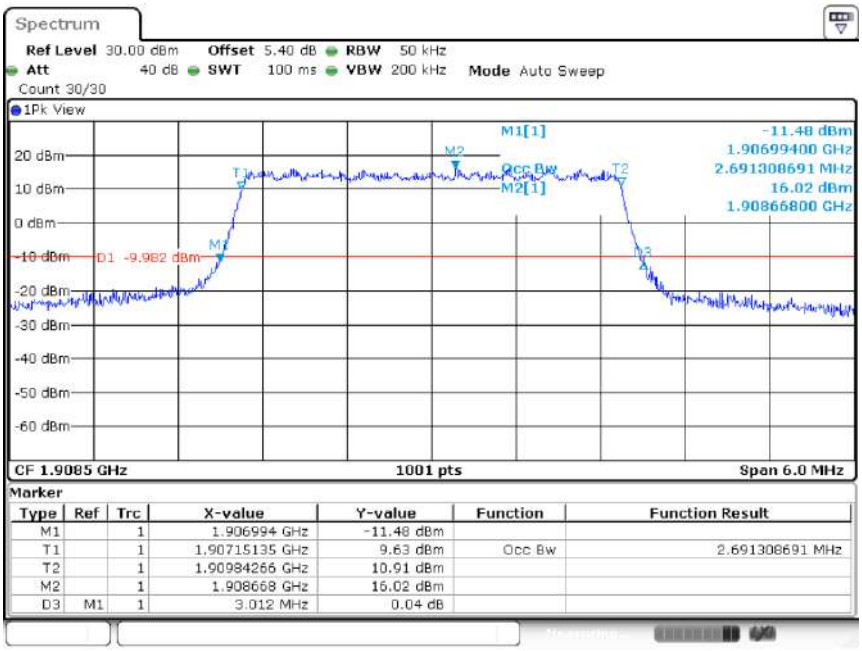
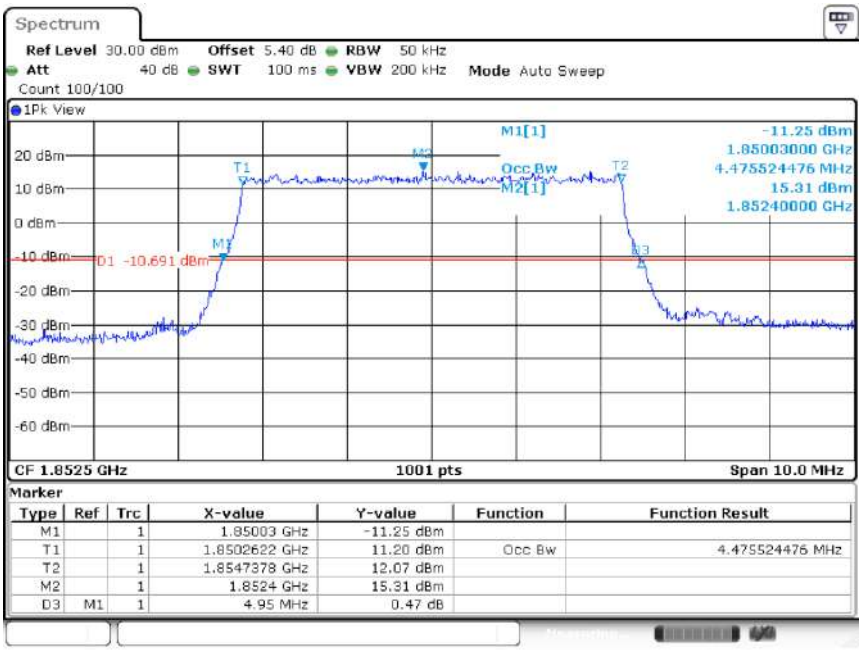
Band2-3MHz-16QAM-19185-15RB#0-2.691



Date: 31.AUG.2020 21:13:08

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



Date: 31.AUG.2020 21:13:33

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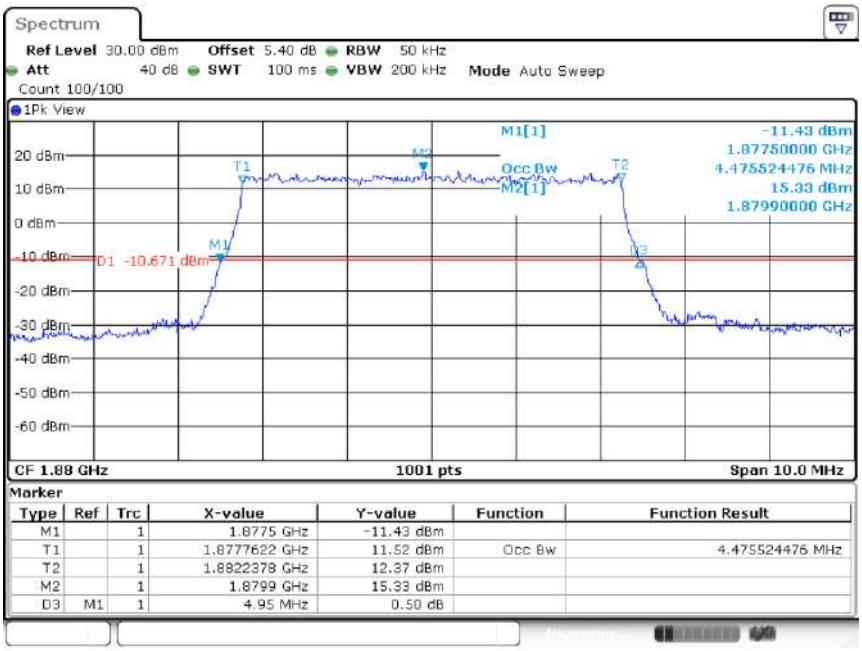
Band2-5MHz-QPSK-18900-25RB#0-4.476

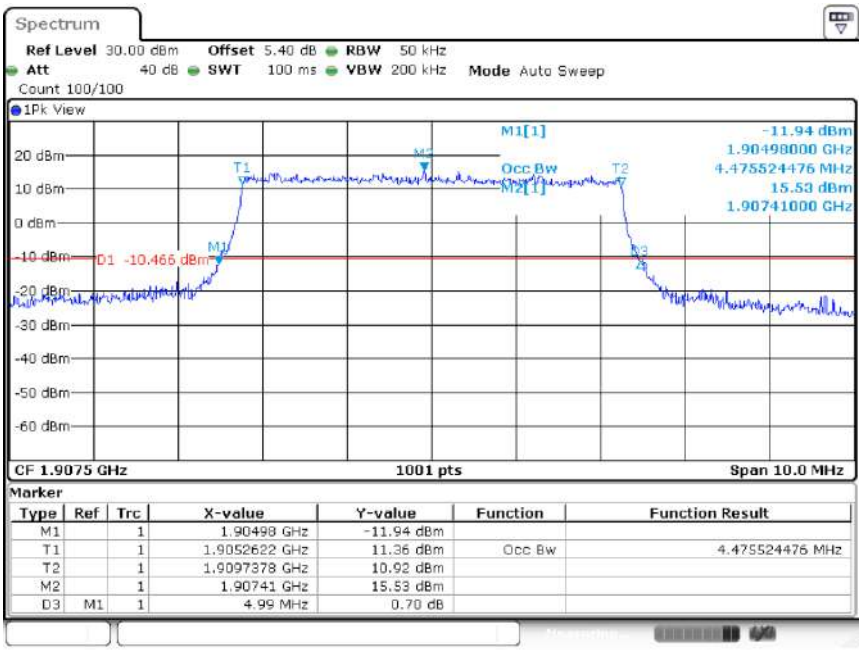


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.8775 GHz	-11.43 dBm		
T1		1	1.8777622 GHz	11.52 dBm	Occ Bw	4.475524476 MHz
T2		1	1.8822378 GHz	12.37 dBm		
M2		1	1.8799 GHz	15.33 dBm		
D3	M1	1	4.95 MHz	0.50 dB		

Date: 31.AUG.2020 21:14:13

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



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.90498 GHz	-11.94 dBm		
T1		1	1.9052622 GHz	11.36 dBm	Occ Bw	4.475524476 MHz
T2		1	1.9097378 GHz	10.92 dBm		
M2		1	1.90741 GHz	15.53 dBm		
D3	M1	1	4.99 MHz	0.70 dB		

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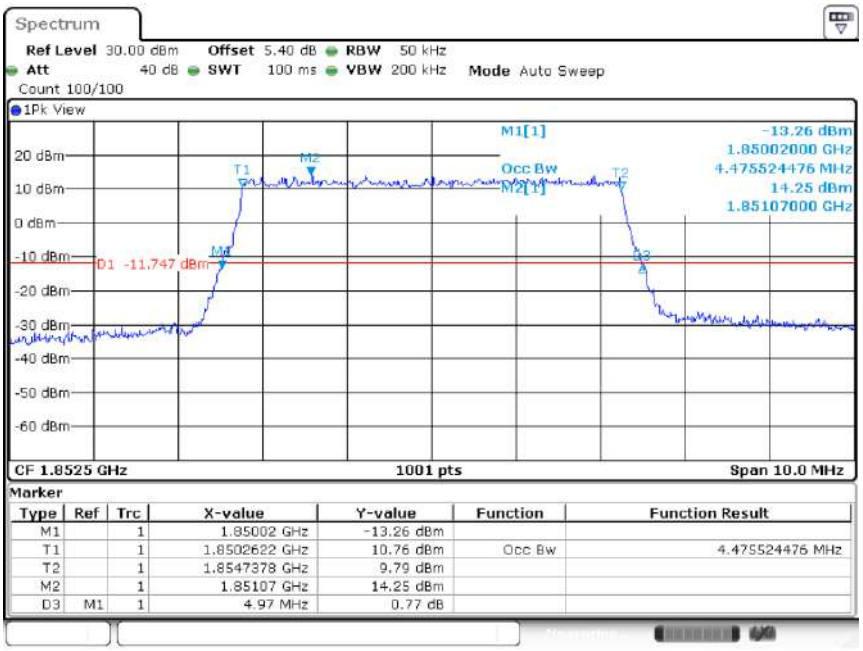
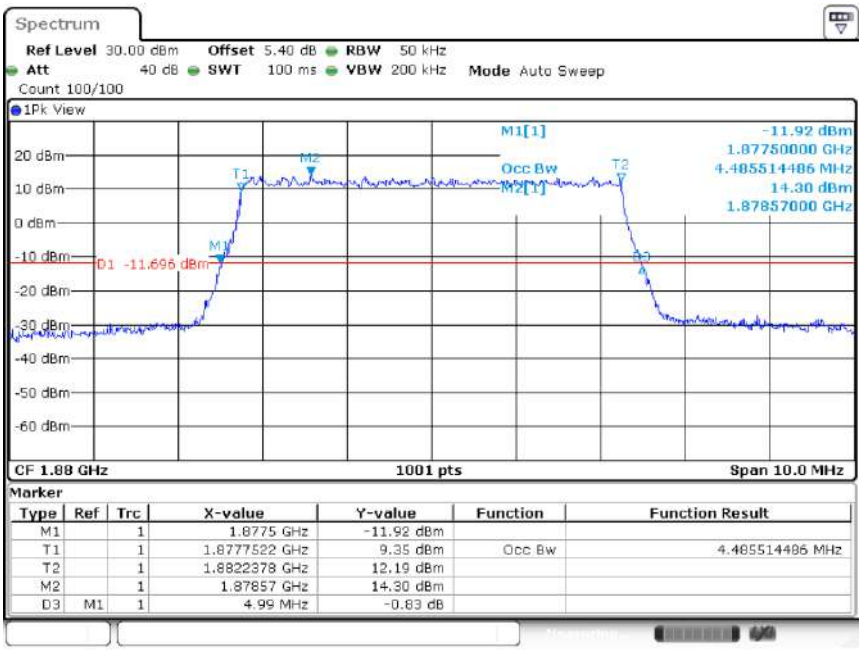
Band2-5MHz-16QAM-18625-25RB#0-4.476



Date: 31.AUG.2020 21:13:52

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



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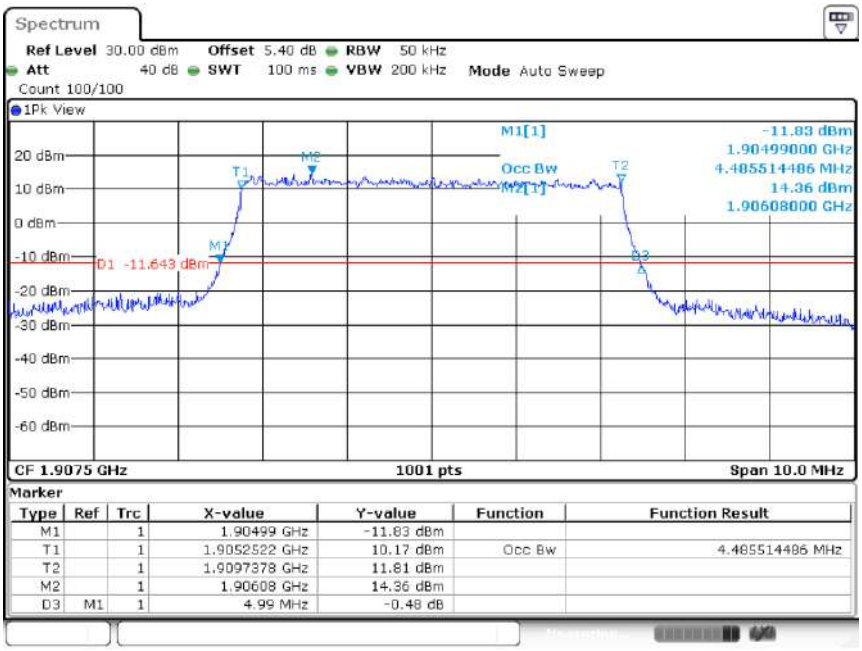
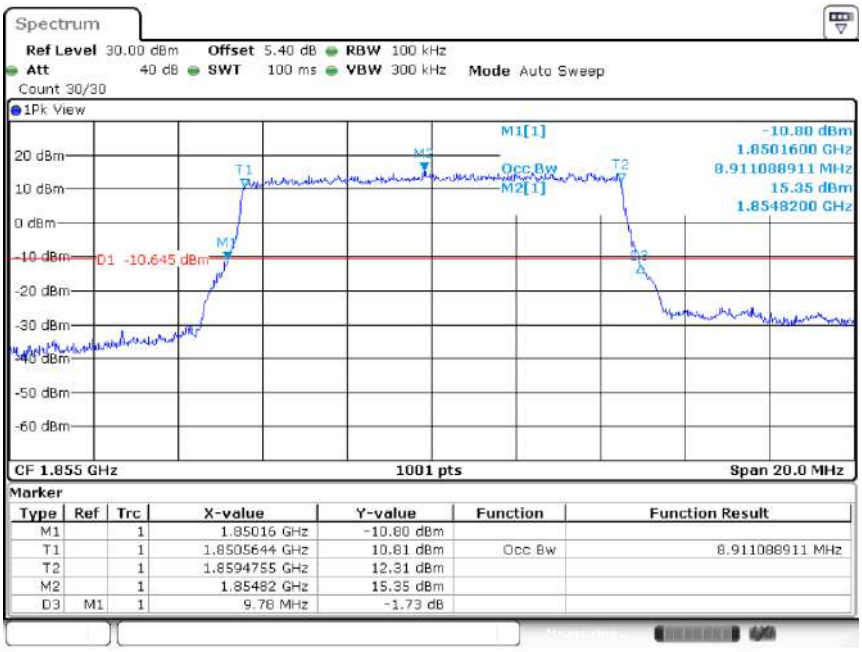
Band2-5MHz-16QAM-19175-25RB#0-4.486



Date: 31.AUG.2020 21:15:13

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



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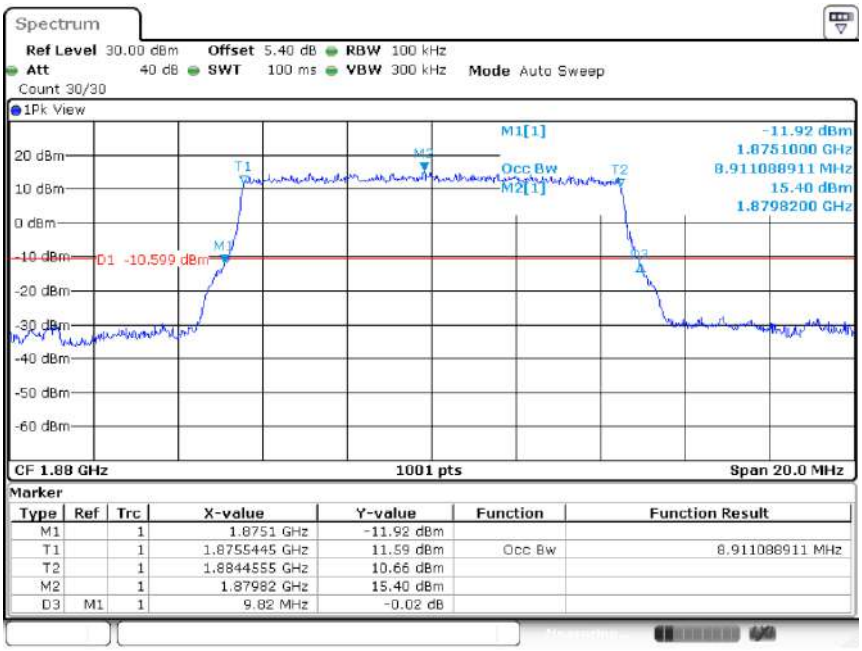
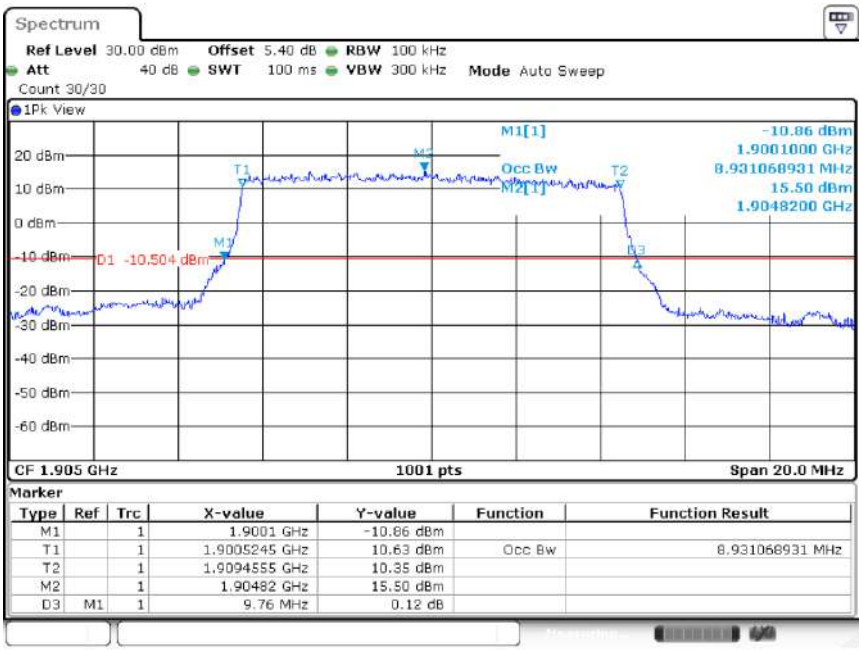
Band2-10MHz-QPSK-18900-50RB#0-8.911



Date: 31.AUG.2020 21:15:56

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



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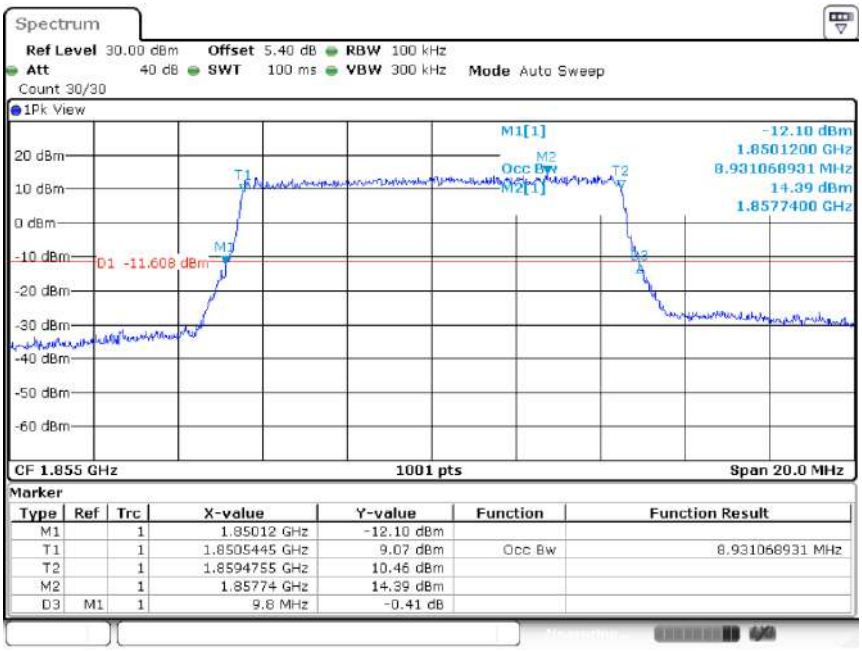
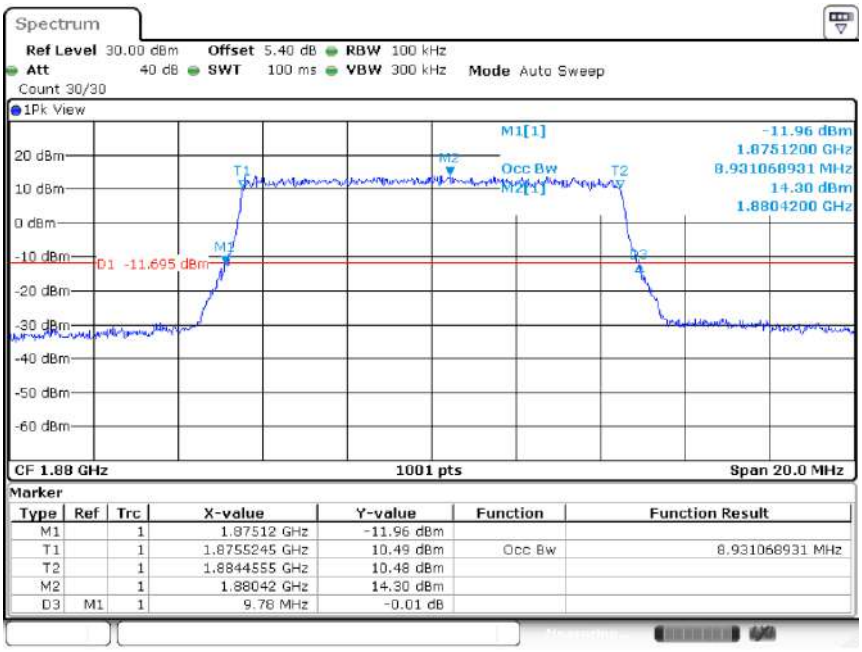
Band2-10MHz-16QAM-18650-50RB#0-8.931



Date: 31.AUG.2020 21:15:43

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



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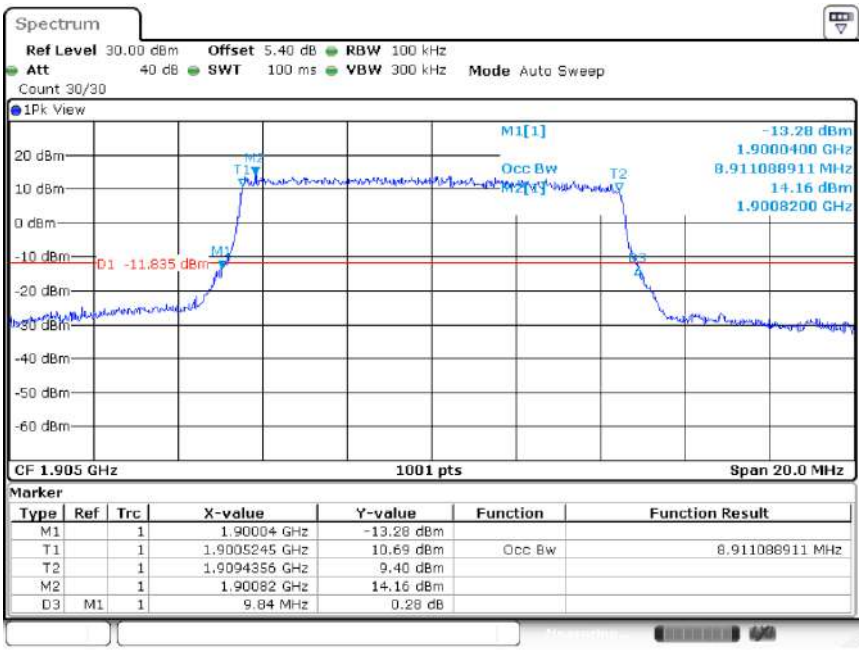
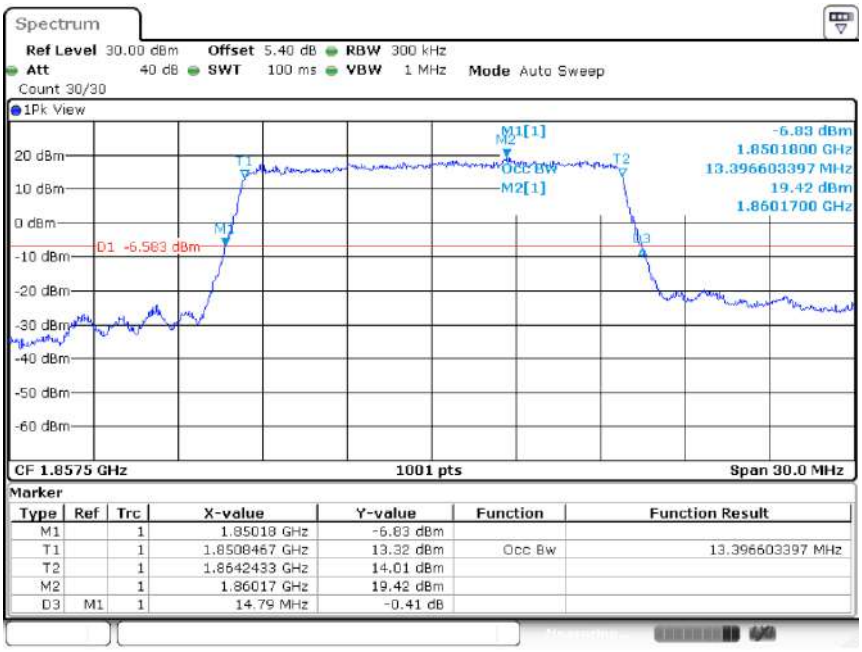
Band2-10MHz-16QAM-19150-50RB#0-8.911



Date: 31.AUG.2020 21:16:34

Band2-15MHz-QPSK-18675-75RB#0-13.397



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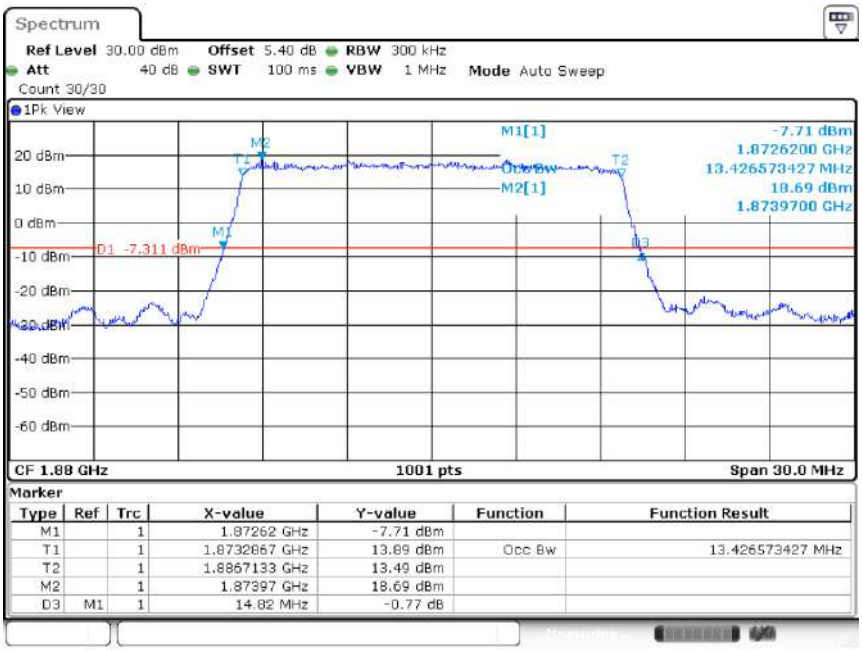
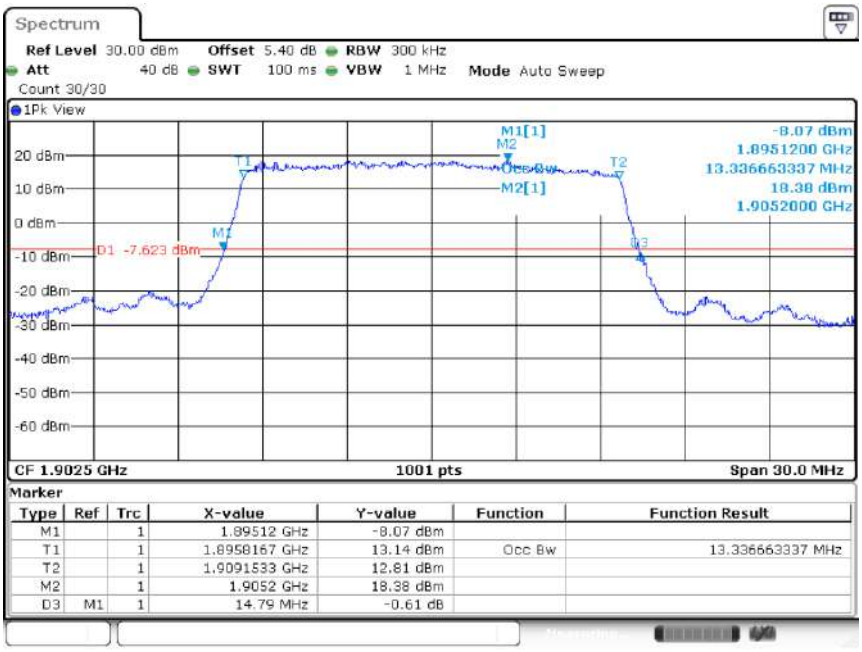
Band2-15MHz-QPSK-18900-75RB#0-13.427



Date: 31.AUG.2020 21:17:17

Band2-15MHz-QPSK-19125-75RB#0-13.337



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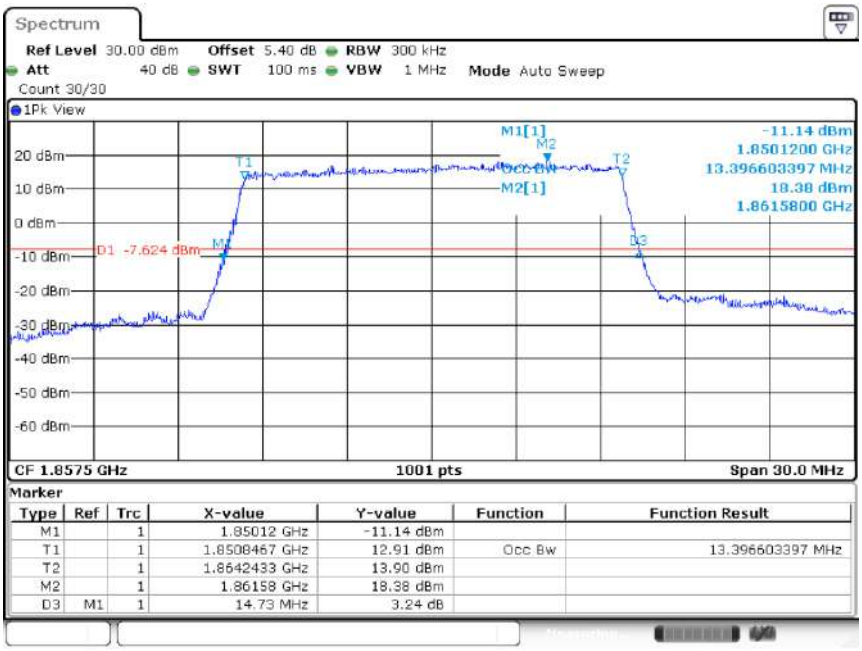
Band2-15MHz-16QAM-18675-75RB#0-13.397

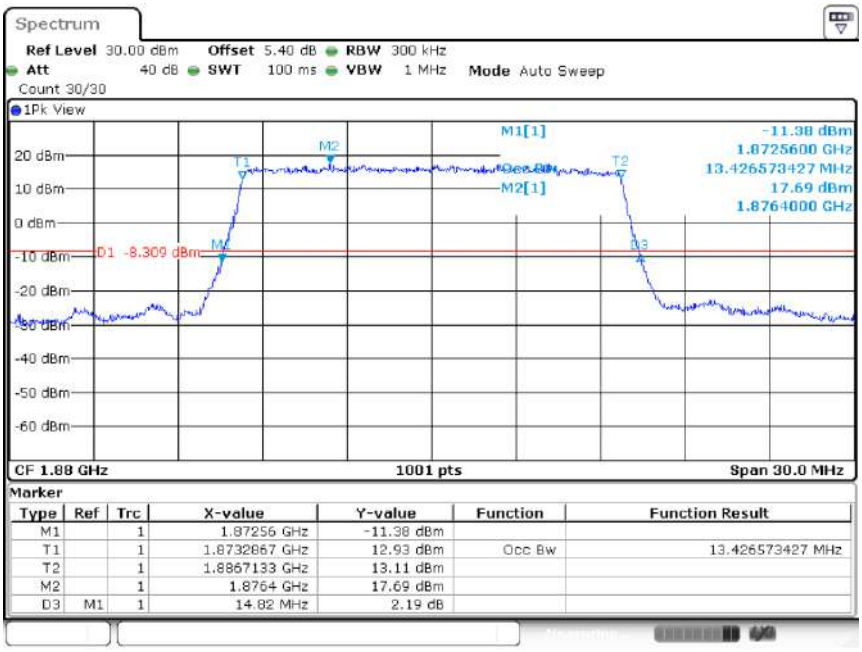


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.85012 GHz	-11.14 dBm		
T1		1	1.8508467 GHz	12.91 dBm	Occ Bw	13.396603397 MHz
T2		1	1.8642433 GHz	13.90 dBm		
M2		1	1.86158 GHz	18.38 dBm		
D3	M1	1	14.73 MHz	3.24 dB		

Date: 31.AUG.2020 21:17:04

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



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.87256 GHz	-11.38 dBm		
T1		1	1.8732867 GHz	12.93 dBm	Occ Bw	13.426573427 MHz
T2		1	1.8867133 GHz	13.11 dBm		
M2		1	1.8764 GHz	17.69 dBm		
D3	M1	1	14.82 MHz	2.19 dB		

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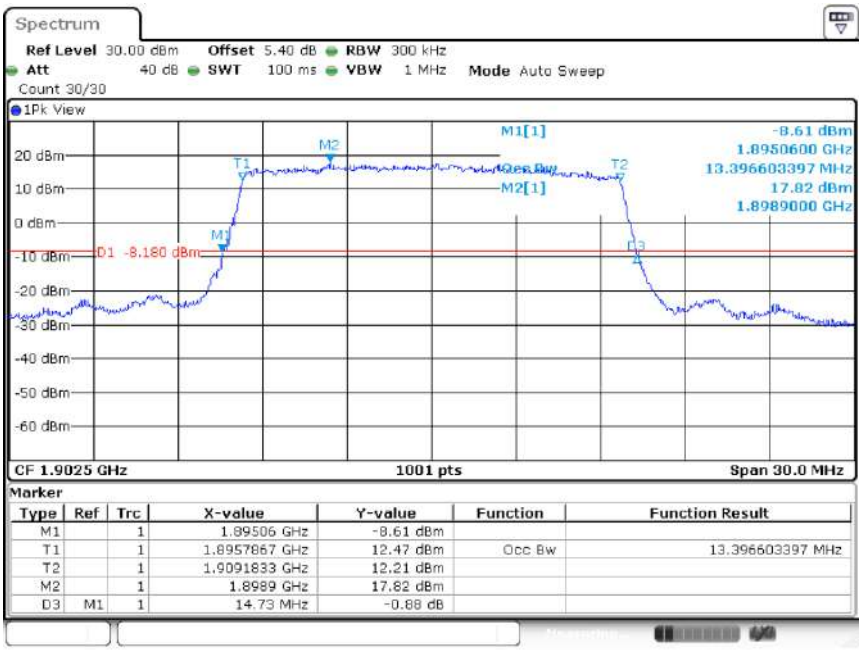
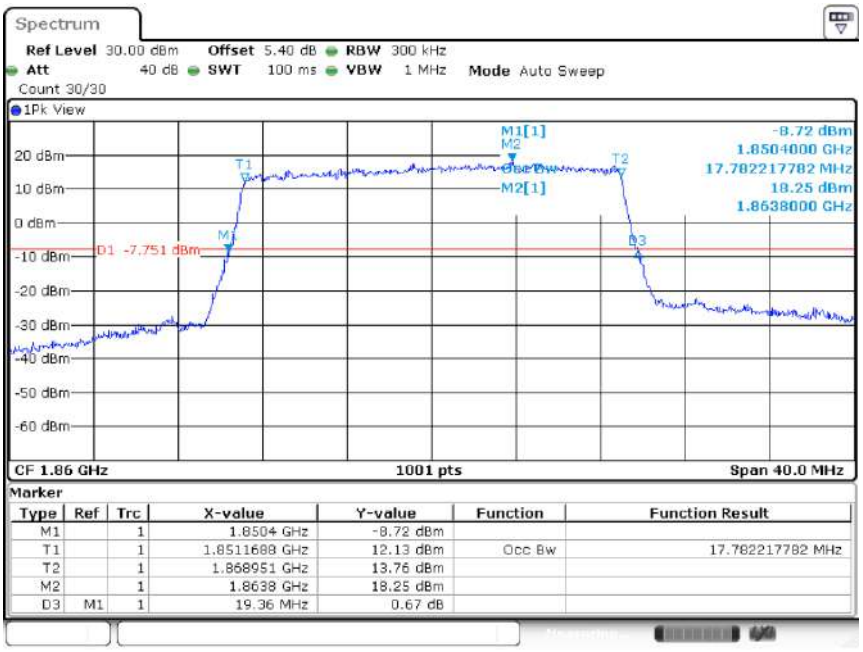
Band2-15MHz-16QAM-19125-75RB#0-13.397



Date: 31.AUG.2020 21:17:55

Band2-20MHz-QPSK-18700-100RB#0-17.782



Date: 31.AUG.2020 21:18:13

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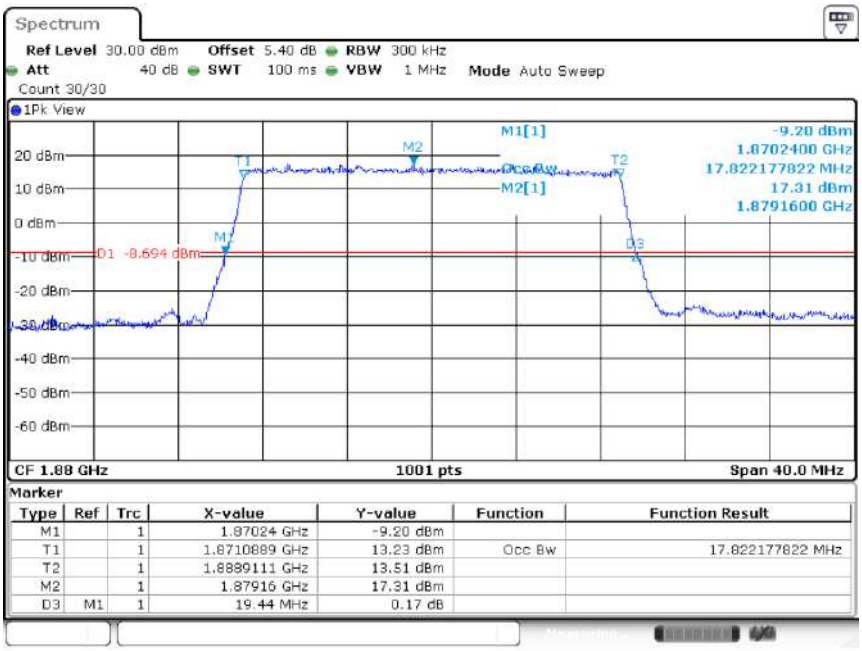
Band2-20MHz-QPSK-18900-100RB#0-17.822



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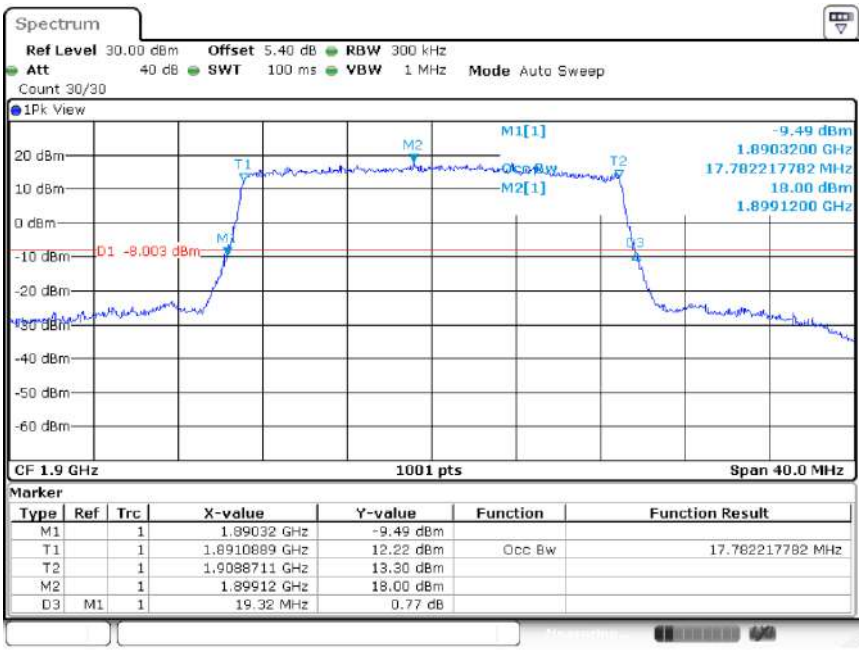
Band2-20MHz-QPSK-19100-100RB#0-17.782



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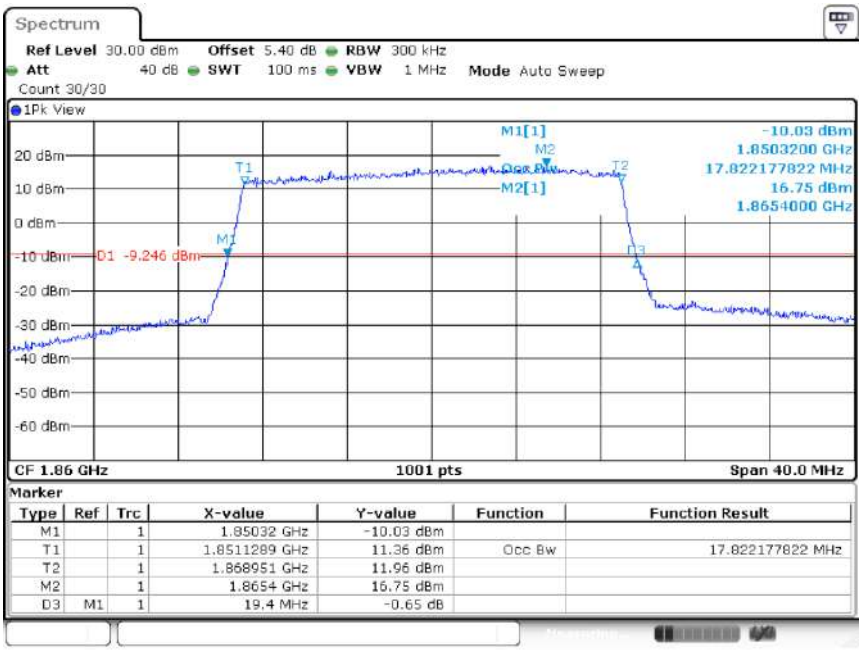
Band2-20MHz-16QAM-18700-100RB#0-17.822



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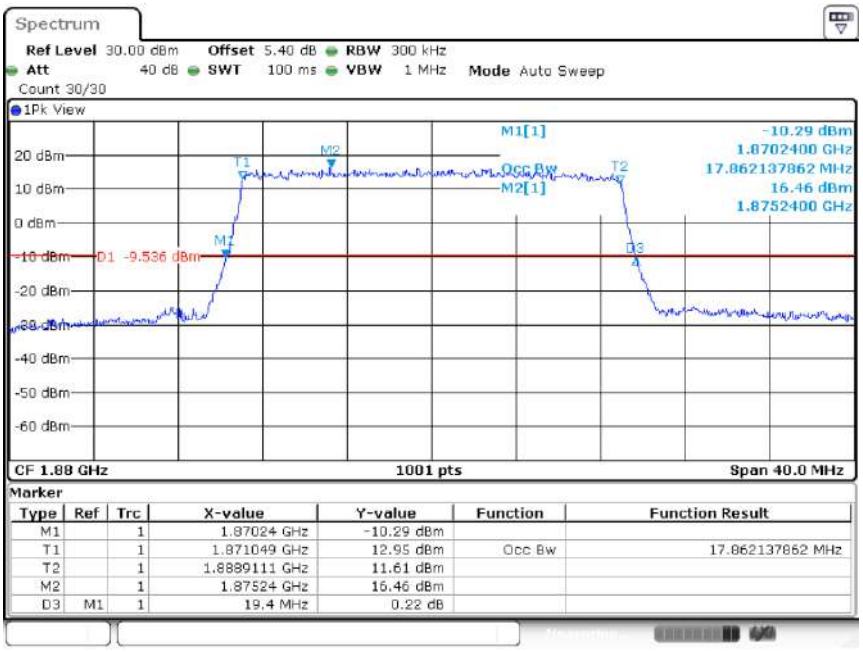
Band2-20MHz-16QAM-18900-100RB#0-17.862



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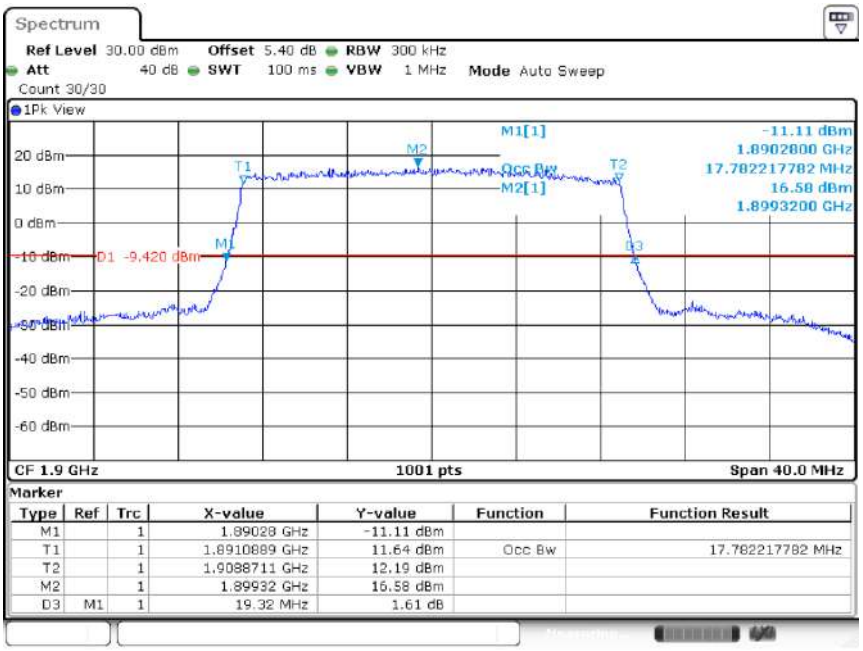
Band2-20MHz-16QAM-19100-100RB#0-17.782



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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	-19.17	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-19.74	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-18.66	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-17.81	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-19.37	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-21.87	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-21.09	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-19.45	PASS
Band2	3MHz	QPSK	18615	1RB#0	-17.50	PASS
Band2	3MHz	QPSK	18615	15RB#0	-23.57	PASS
Band2	3MHz	QPSK	19185	1RB#14	-18.86	PASS
Band2	3MHz	QPSK	19185	15RB#0	-20.99	PASS
Band2	3MHz	16QAM	18615	1RB#0	-18.20	PASS
Band2	3MHz	16QAM	18615	15RB#0	-25.66	PASS
Band2	3MHz	16QAM	19185	1RB#14	-20.45	PASS
Band2	3MHz	16QAM	19185	15RB#0	-23.91	PASS
Band2	5MHz	QPSK	18625	1RB#0	-20.53	PASS
Band2	5MHz	QPSK	18625	25RB#0	-24.56	PASS
Band2	5MHz	QPSK	19175	1RB#24	-20.99	PASS
Band2	5MHz	QPSK	19175	25RB#0	-22.54	PASS
Band2	5MHz	16QAM	18625	1RB#0	-21.56	PASS
Band2	5MHz	16QAM	18625	25RB#0	-26.33	PASS
Band2	5MHz	16QAM	19175	1RB#24	-21.76	PASS
Band2	5MHz	16QAM	19175	25RB#0	-25.12	PASS
Band2	10MHz	QPSK	18650	1RB#0	-29.28	PASS
Band2	10MHz	QPSK	18650	50RB#0	-25.62	PASS
Band2	10MHz	QPSK	19150	1RB#49	-28.97	PASS
Band2	10MHz	QPSK	19150	50RB#0	-24.25	PASS
Band2	10MHz	16QAM	18650	1RB#0	-29.63	PASS
Band2	10MHz	16QAM	18650	50RB#0	-28.39	PASS
Band2	10MHz	16QAM	19150	1RB#49	-31.29	PASS
Band2	10MHz	16QAM	19150	50RB#0	-27.07	PASS

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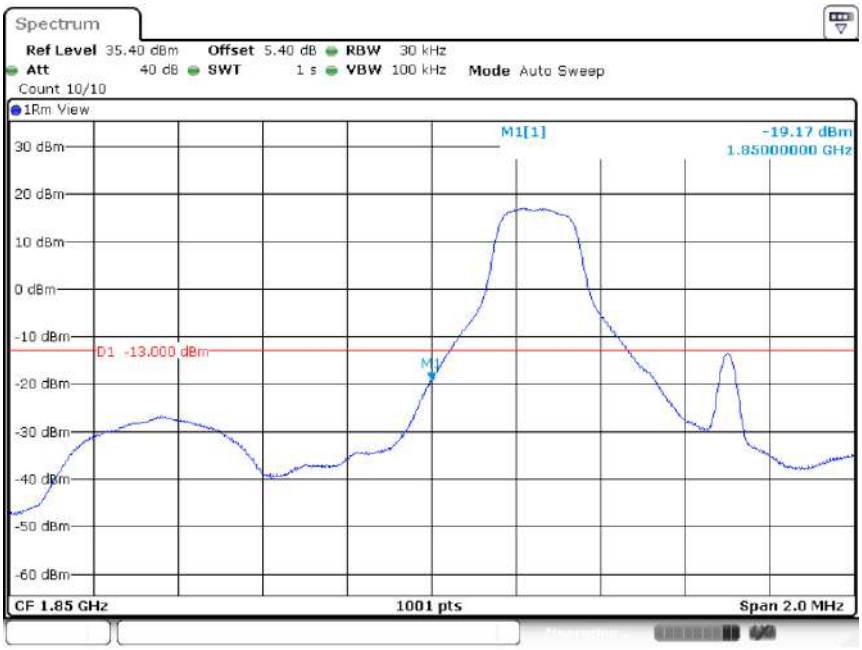
Band2	15MHz	QPSK	18675	1RB#0	-25.29	PASS
Band2	15MHz	QPSK	18675	75RB#0	-27.48	PASS
Band2	15MHz	QPSK	19125	1RB#74	-24.73	PASS
Band2	15MHz	QPSK	19125	75RB#0	-26.05	PASS
Band2	15MHz	16QAM	18675	1RB#0	-26.65	PASS
Band2	15MHz	16QAM	18675	75RB#0	-30.35	PASS
Band2	15MHz	16QAM	19125	1RB#74	-26.17	PASS
Band2	15MHz	16QAM	19125	75RB#0	-28.32	PASS
Band2	20MHz	QPSK	18700	1RB#0	-26.76	PASS
Band2	20MHz	QPSK	18700	100RB#0	-27.14	PASS
Band2	20MHz	QPSK	19100	1RB#99	-26.42	PASS
Band2	20MHz	QPSK	19100	100RB#0	-26.12	PASS
Band2	20MHz	16QAM	18700	1RB#0	-26.91	PASS
Band2	20MHz	16QAM	18700	100RB#0	-30.45	PASS
Band2	20MHz	16QAM	19100	1RB#99	-28.95	PASS
Band2	20MHz	16QAM	19100	100RB#0	-28.87	PASS

5.2. Test Plots

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



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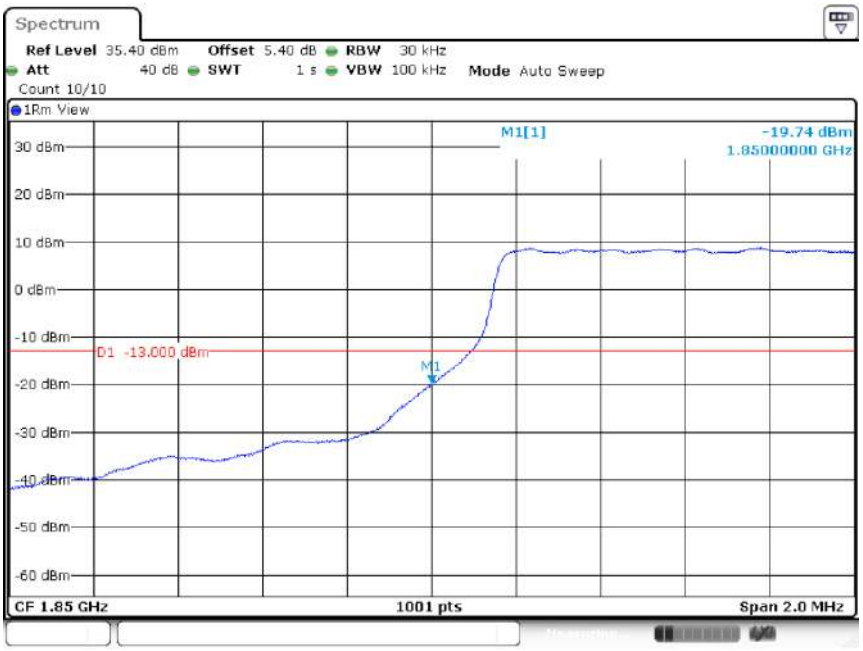
Band2-1.4MHz-QPSK-18607-6RB#0



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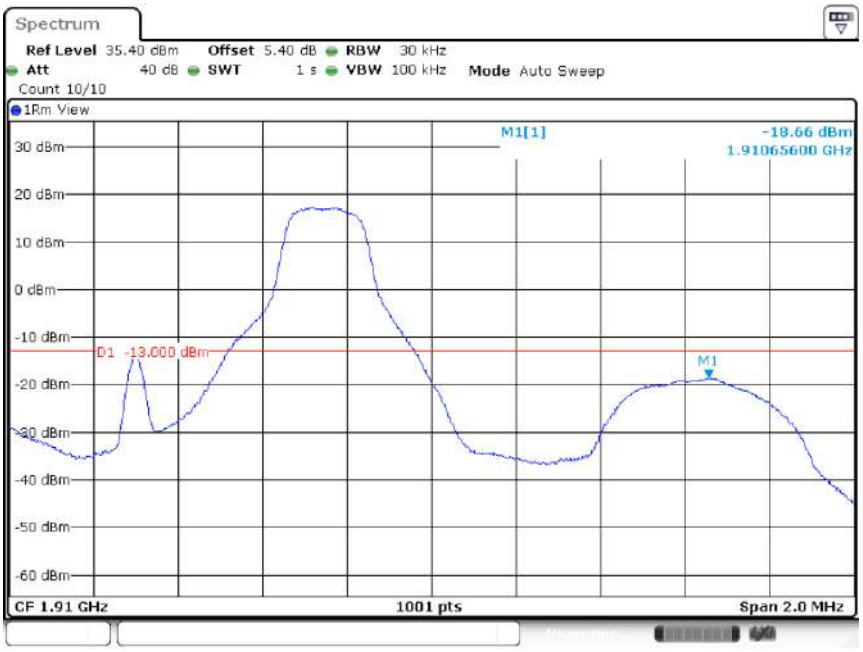
Band2-1.4MHz-QPSK-19193-1RB#5



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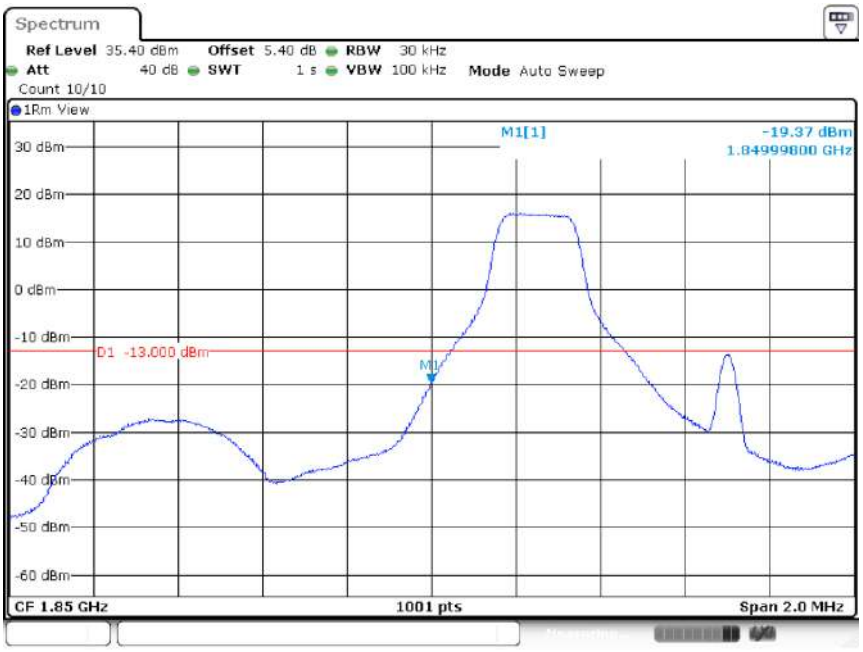
Band2-1.4MHz-QPSK-19193-6RB#0

Date: 31.AUG.2020 21:25:01

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



Date: 31.AUG.2020 21:21:48

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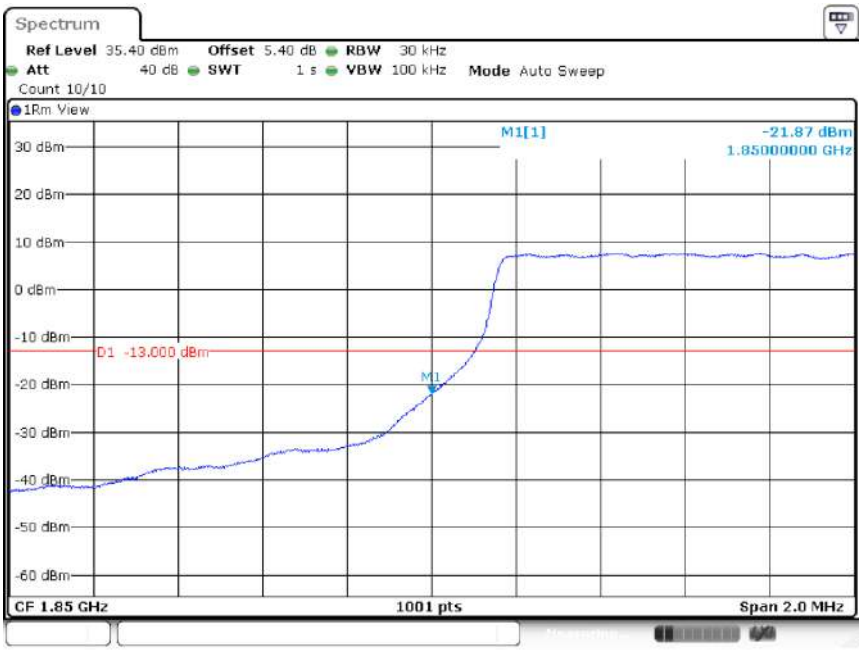
Band2-1.4MHz-16QAM-18607-6RB#0



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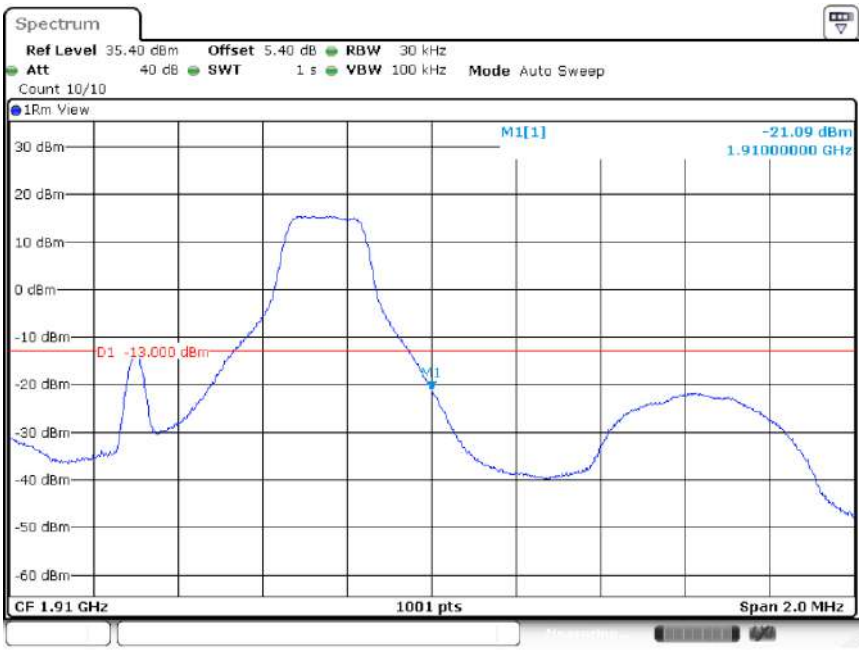
Band2-1.4MHz-16QAM-19193-1RB#5



Date: 31.AUG.2020 21:23:14

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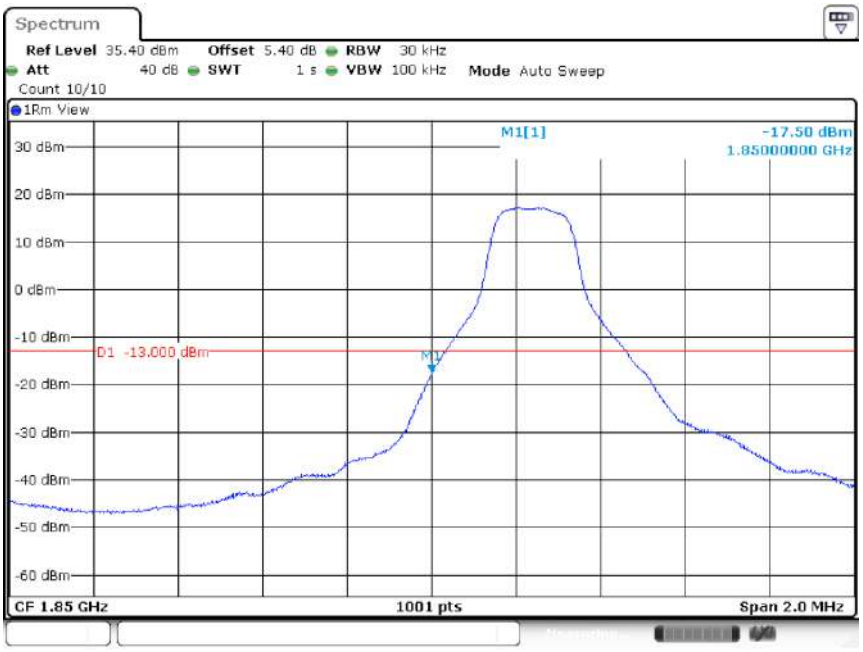
Band2-1.4MHz-16QAM-19193-6RB#0

Date: 31.AUG.2020 21:25:22

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



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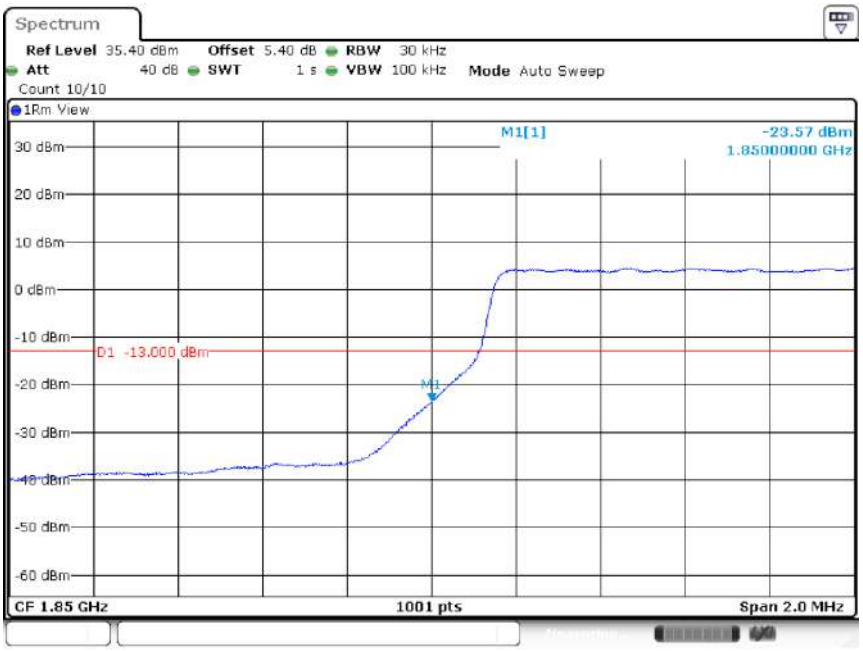
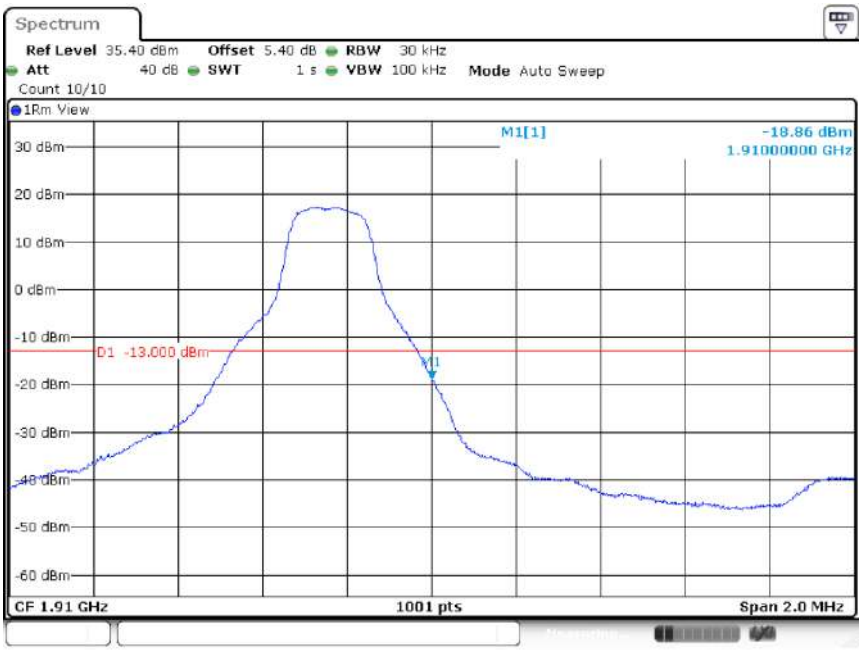
Band2-3MHz-QPSK-18615-15RB#0



Date: 31.AUG.2020 21:28:40

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



Date: 31.AUG.2020 21:27:14

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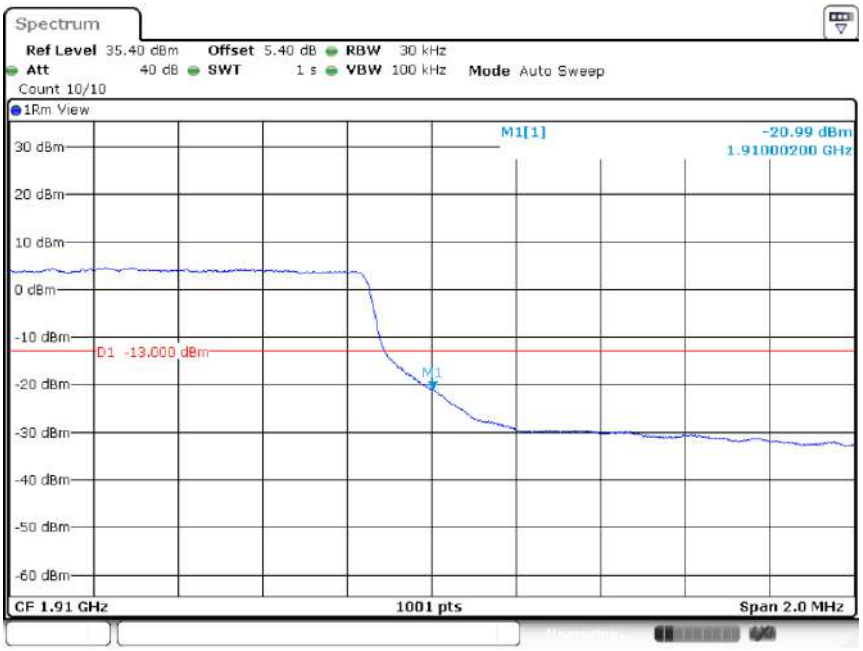
Band2-3MHz-QPSK-19185-15RB#0



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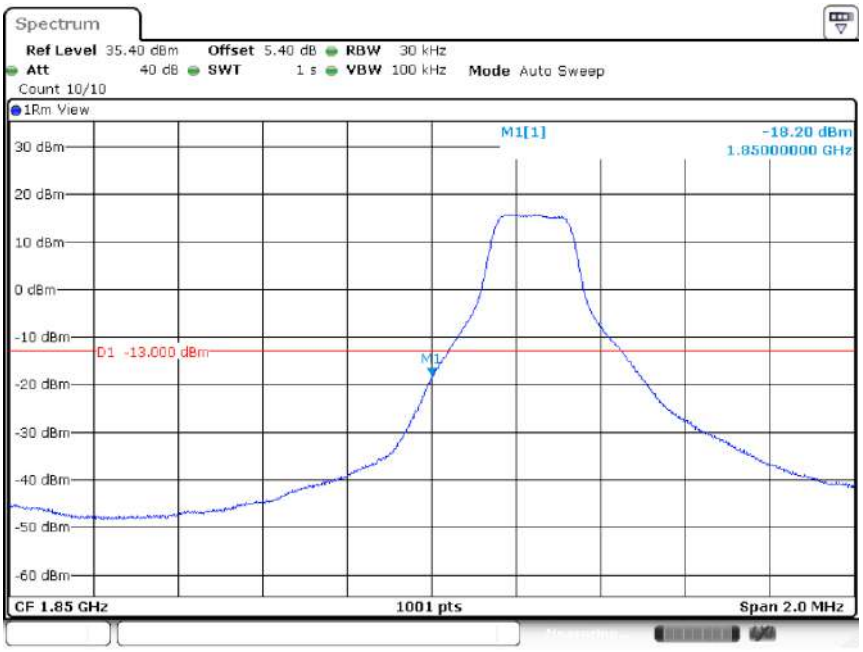
Band2-3MHz-16QAM-18615-1RB#0



Date: 31.AUG.2020 21:26:08

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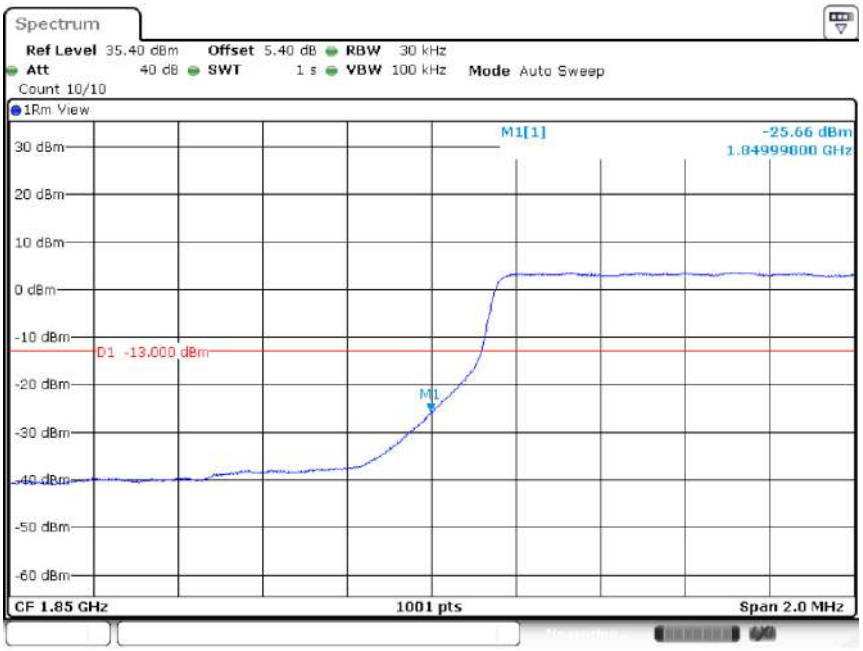
Band2-3MHz-16QAM-18615-15RB#0



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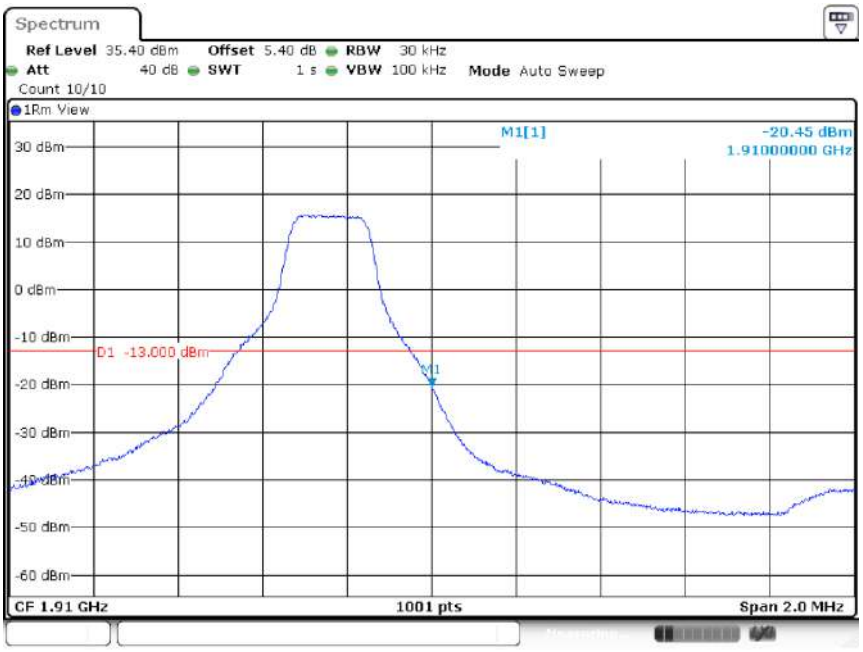
Band2-3MHz-16QAM-19185-1RB#14



Date: 31.AUG.2020 21:27:34

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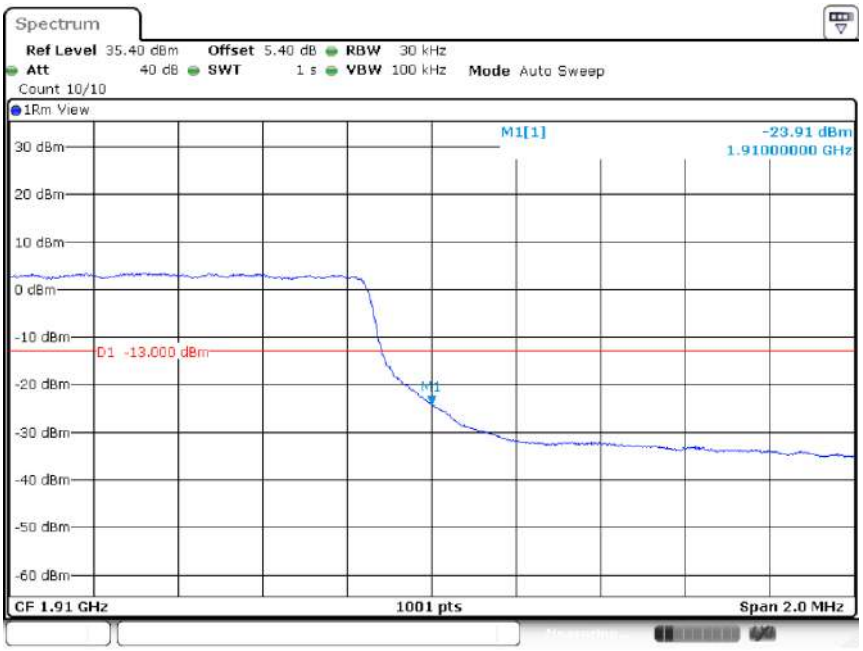
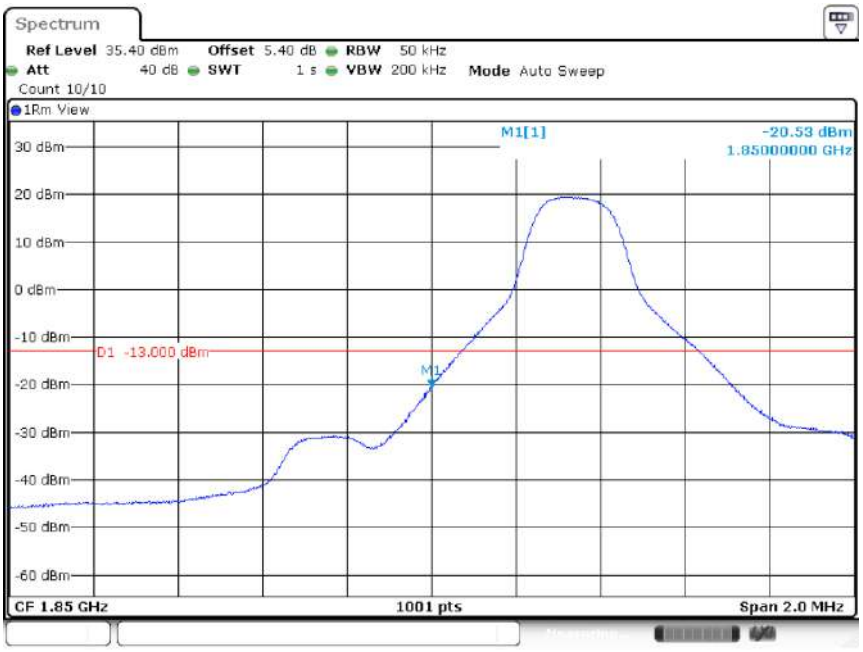
Band2-3MHz-16QAM-19185-15RB#0



Date: 31.AUG.2020 21:29:42

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



Date: 31.AUG.2020 21:30:08

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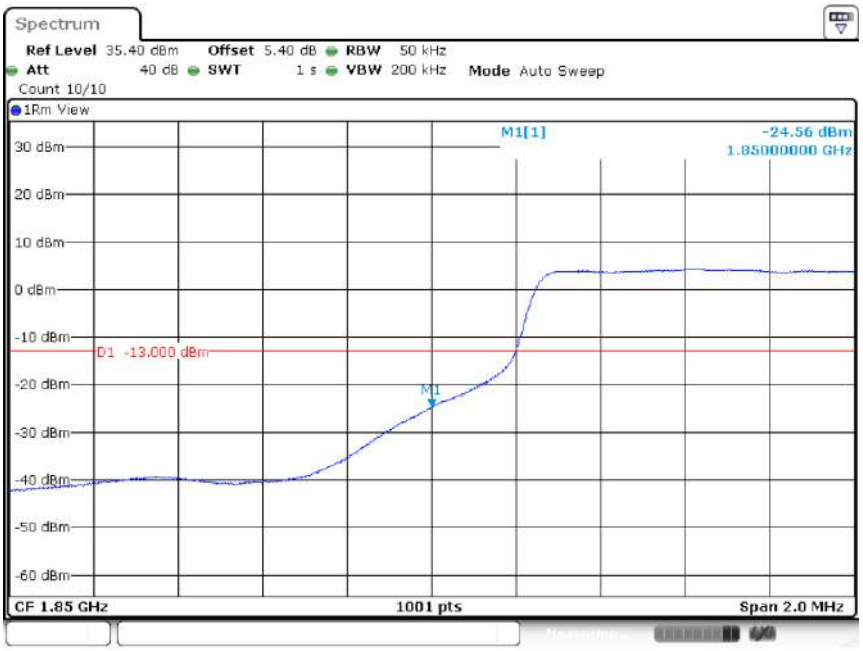
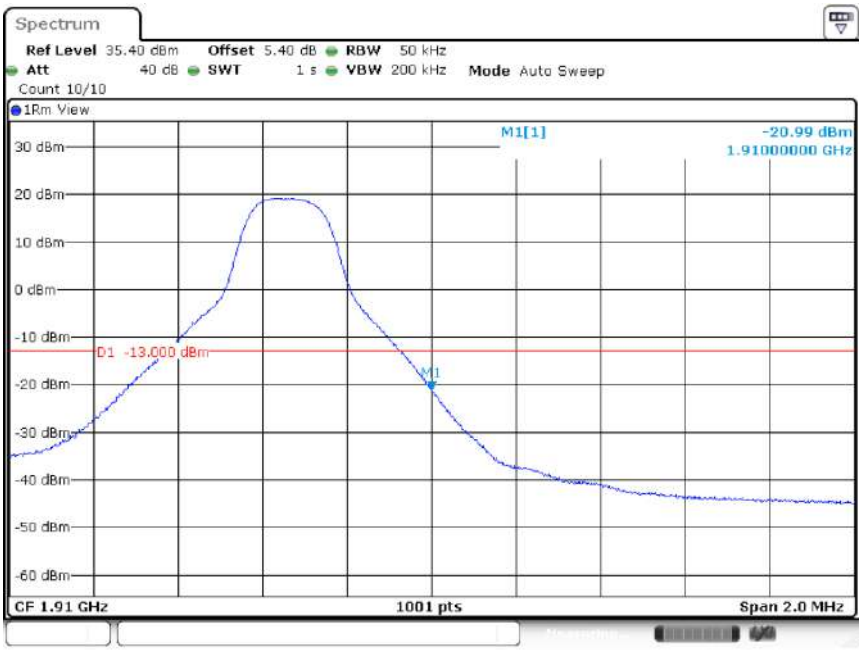
Band2-5MHz-QPSK-18625-25RB#0



Date: 31.AUG.2020 21:33:01

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



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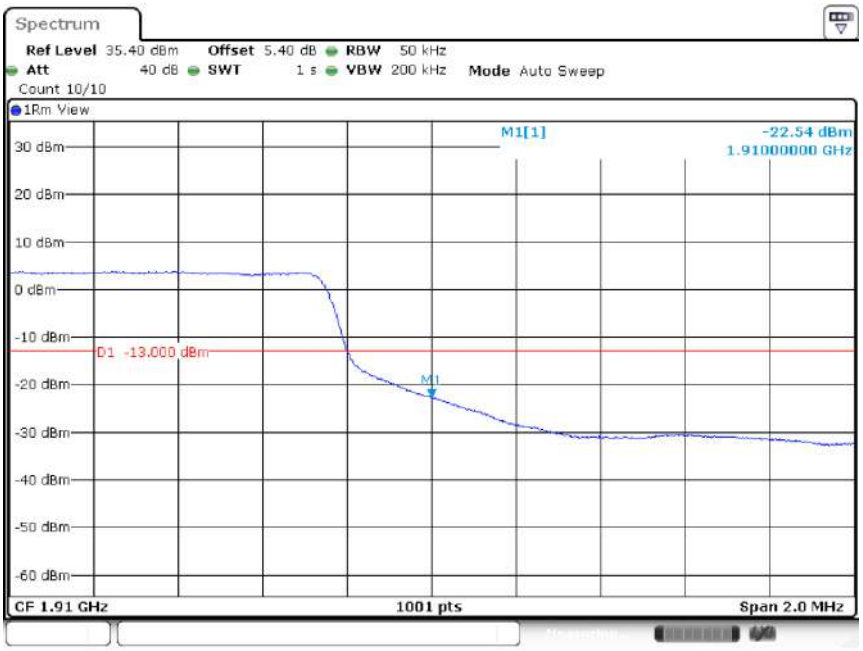
Band2-5MHz-QPSK-19175-25RB#0



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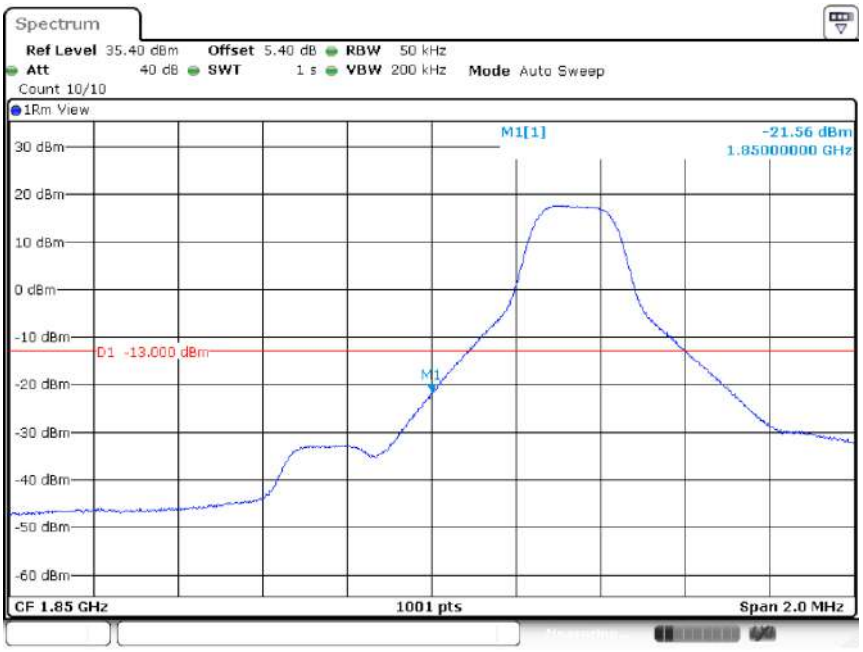
Band2-5MHz-16QAM-18625-1RB#0



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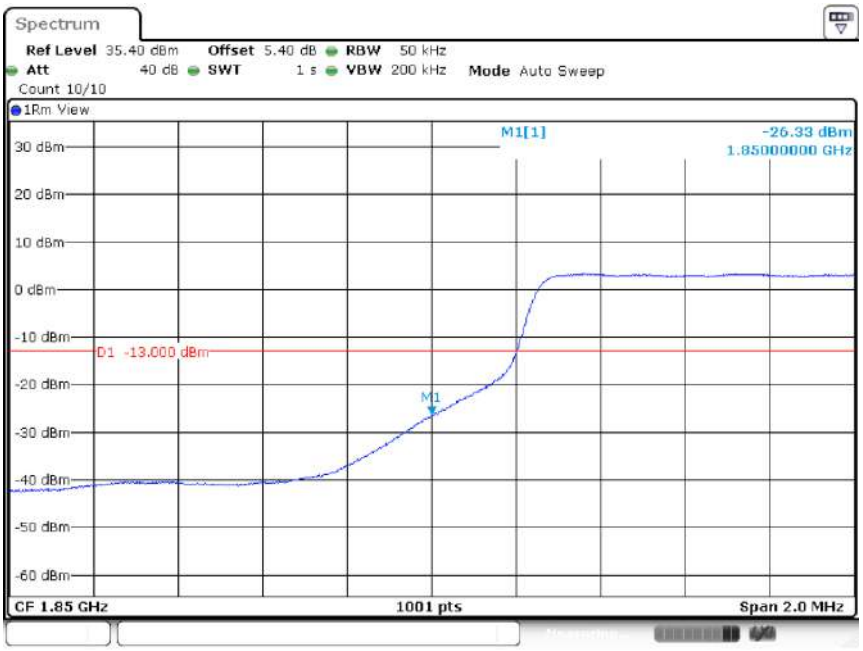
Band2-5MHz-16QAM-18625-25RB#0



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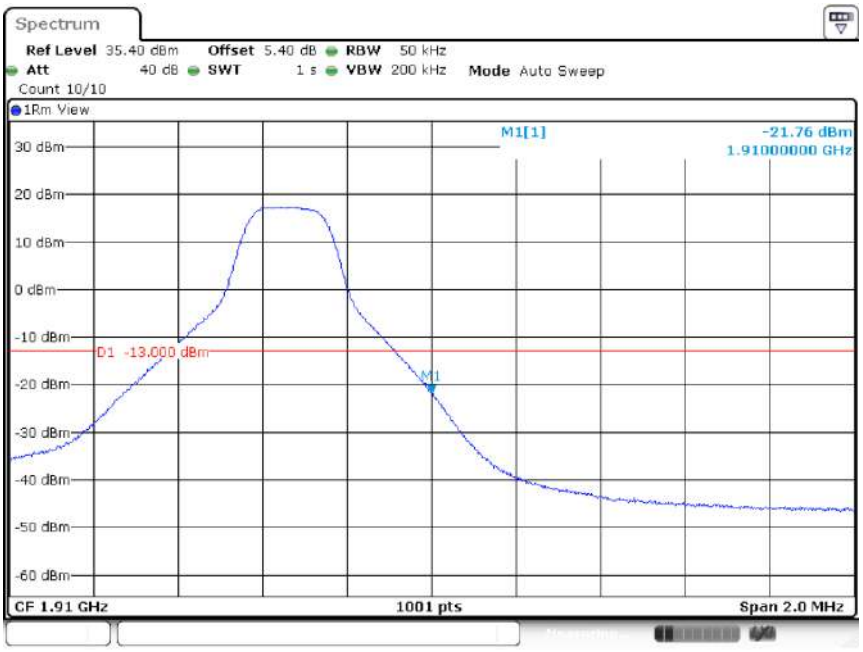
Band2-5MHz-16QAM-19175-1RB#24



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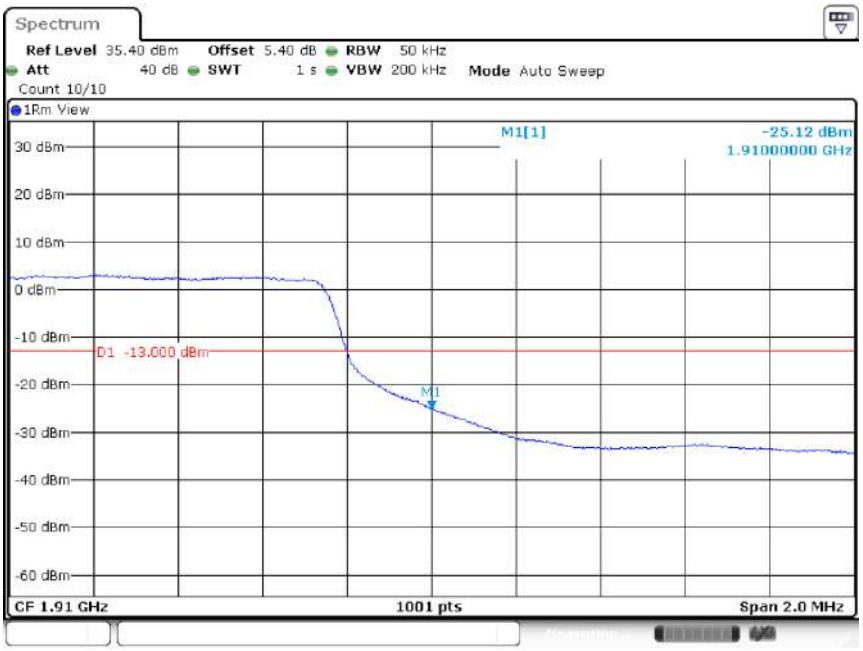
Band2-5MHz-16QAM-19175-25RB#0



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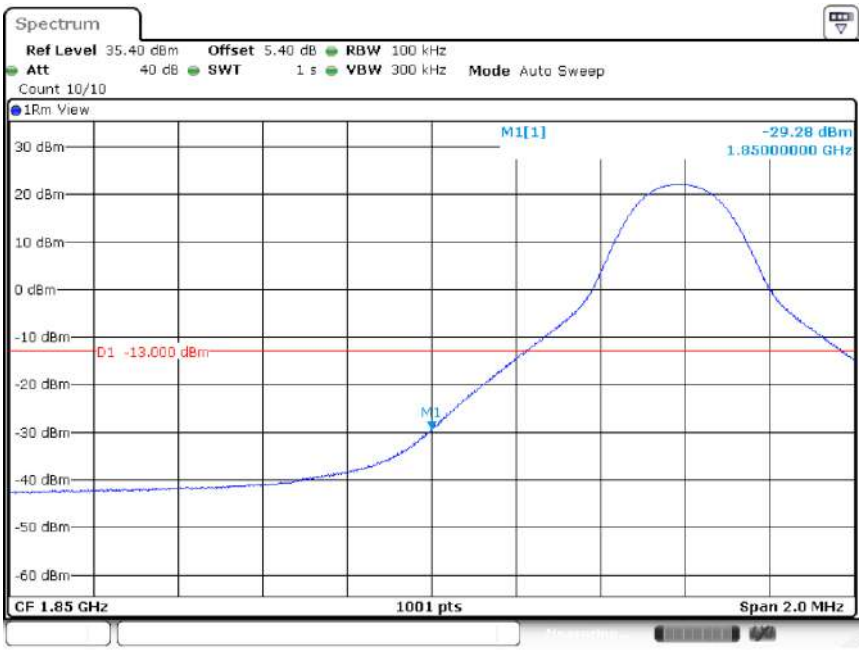
Band2-10MHz-QPSK-18650-1RB#0



Date: 31.AUG.2020 21:34:28

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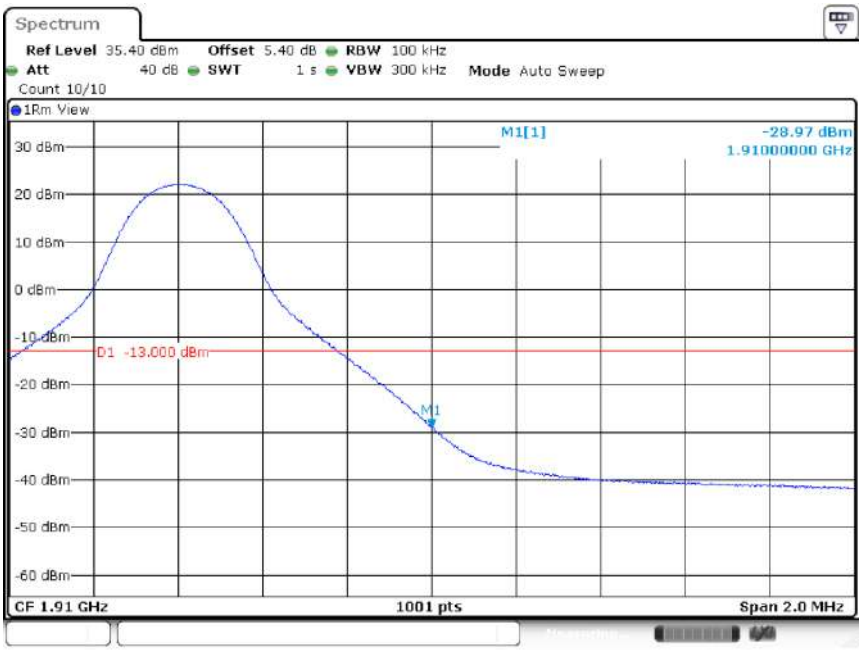
Band2-10MHz-QPSK-18650-50RB#0

Date: 31.AUG.2020 21:37:20

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



Date: 31.AUG.2020 21:35:54

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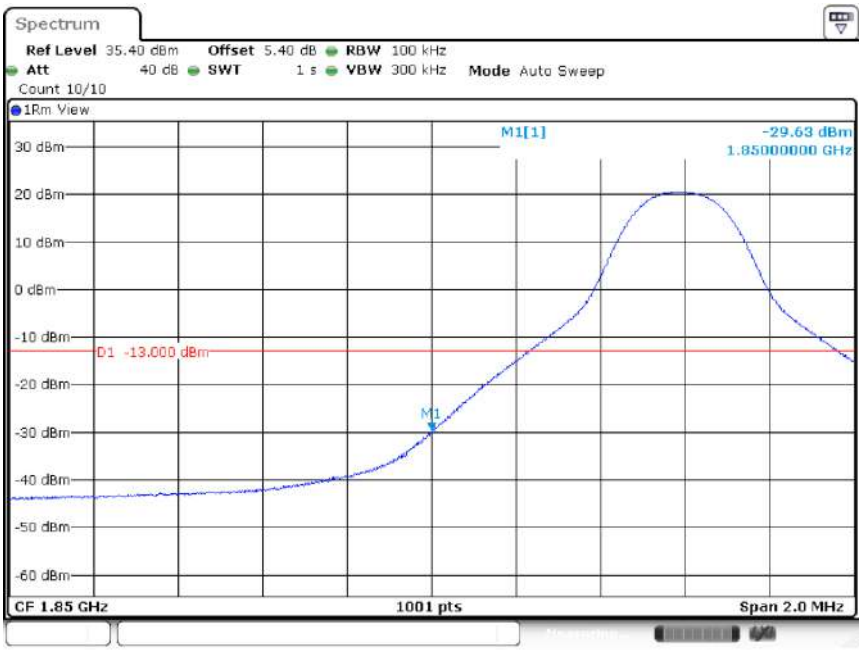
Band2-10MHz-QPSK-19150-50RB#0

Date: 31.AUG.2020 21:38:02

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



Date: 31.AUG.2020 21:34:48

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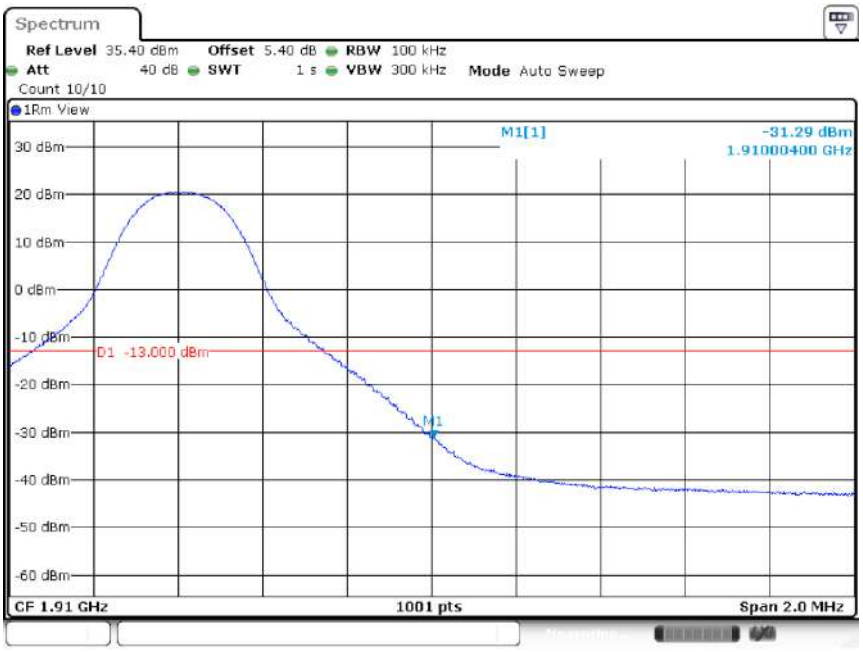
Band2-10MHz-16QAM-18650-50RB#0

Date: 31.AUG.2020 21:37:41

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



Date: 31.AUG.2020 21:36:15

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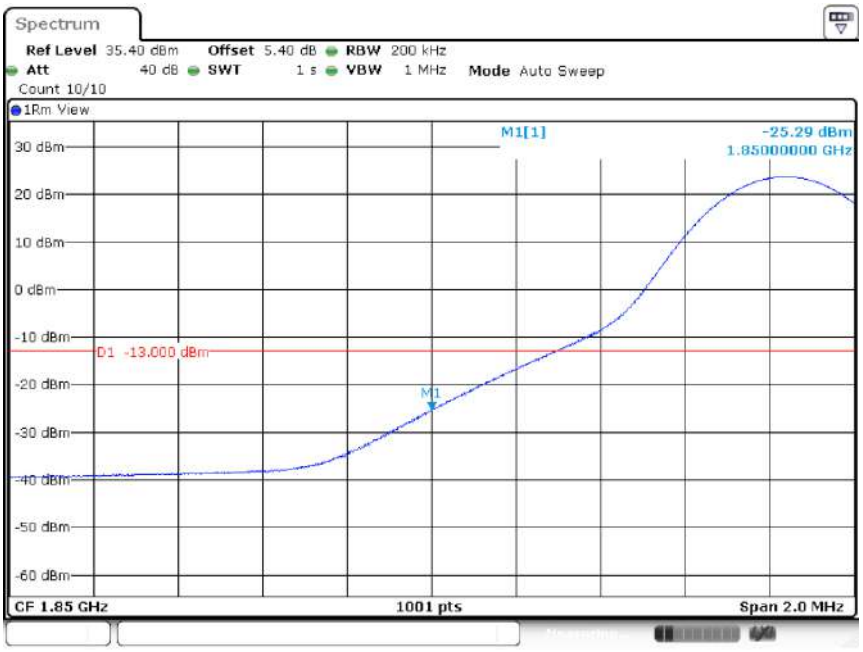
Band2-10MHz-16QAM-19150-50RB#0

Date: 31.AUG.2020 21:38:22

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



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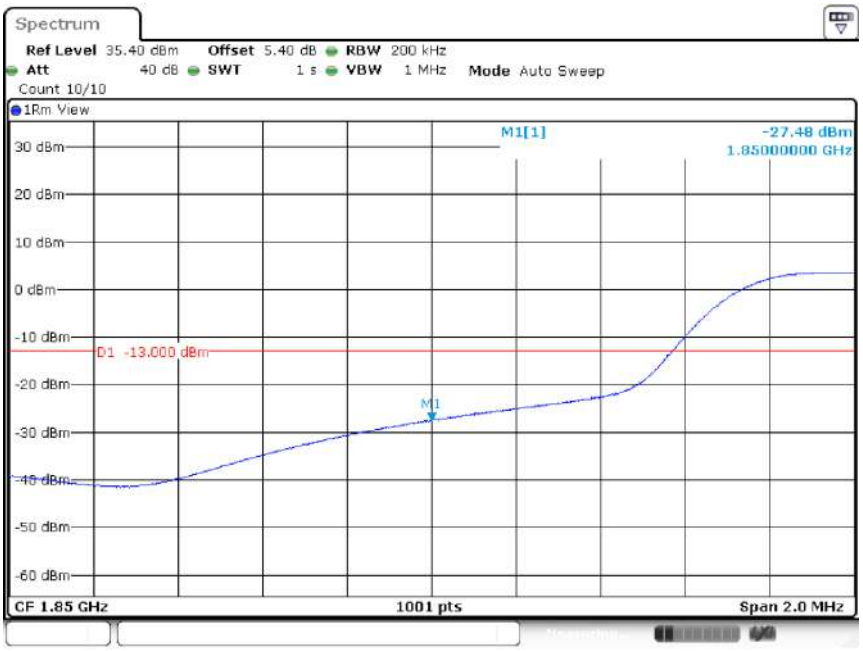
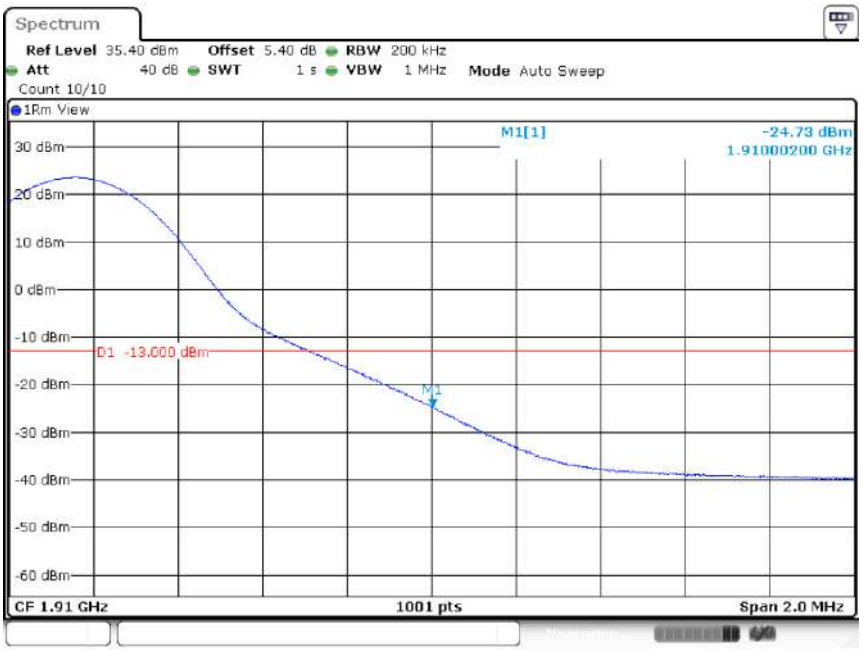
Band2-15MHz-QPSK-18675-75RB#0



Date: 31.AUG.2020 21:41:40

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



Date: 31.AUG.2020 21:40:14

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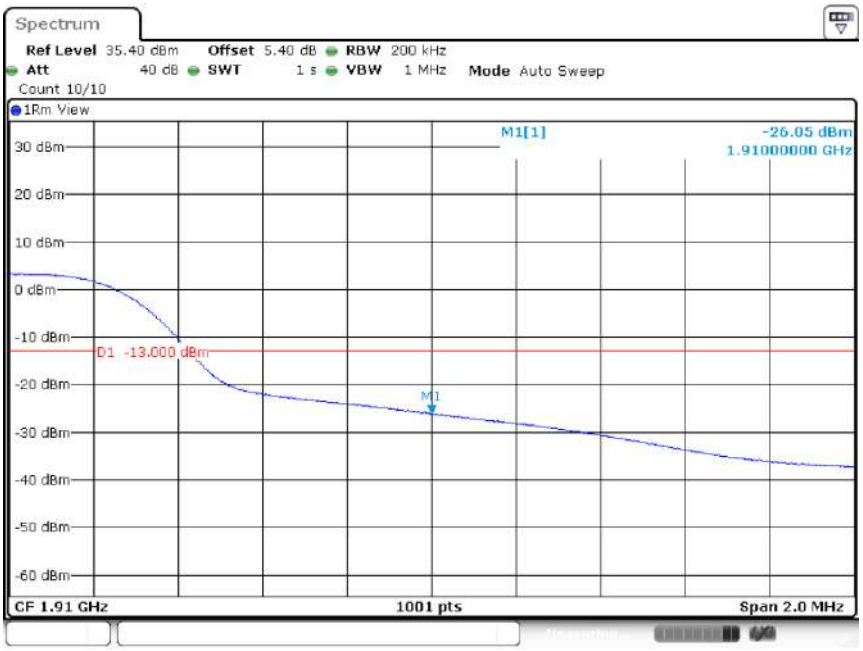
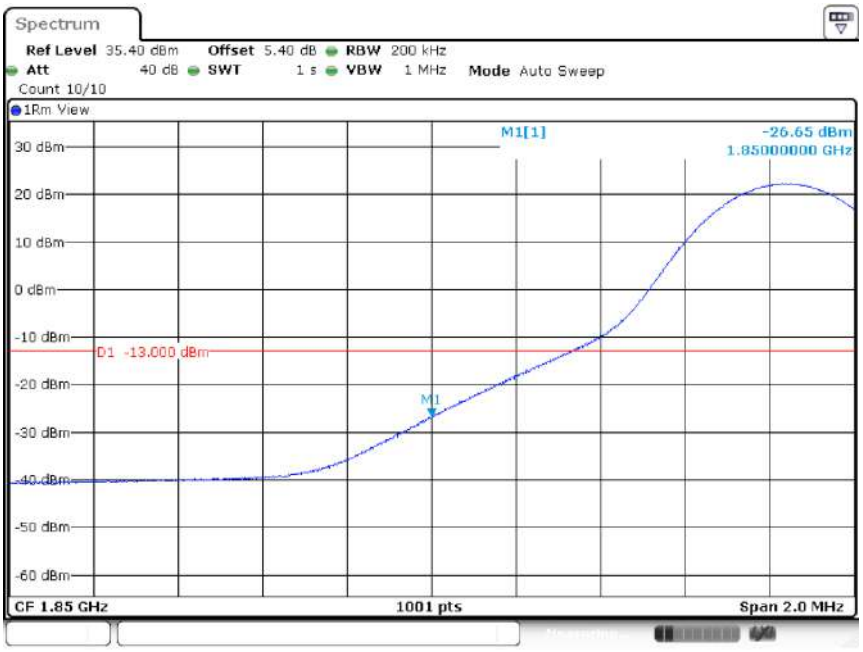
Band2-15MHz-QPSK-19125-75RB#0



Date: 31.AUG.2020 21:42:21

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



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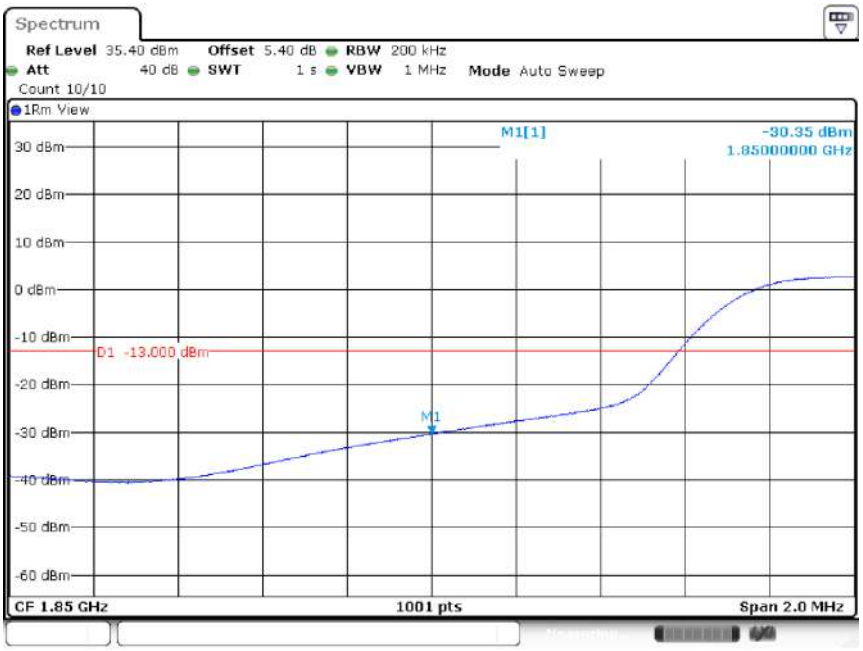
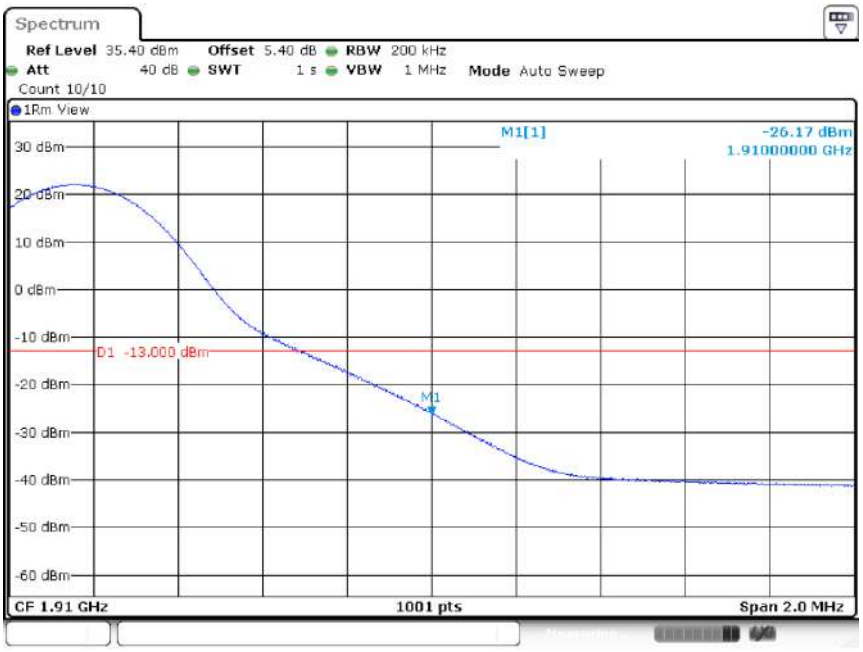


Date: 31.AUG.2020 21:42:00

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



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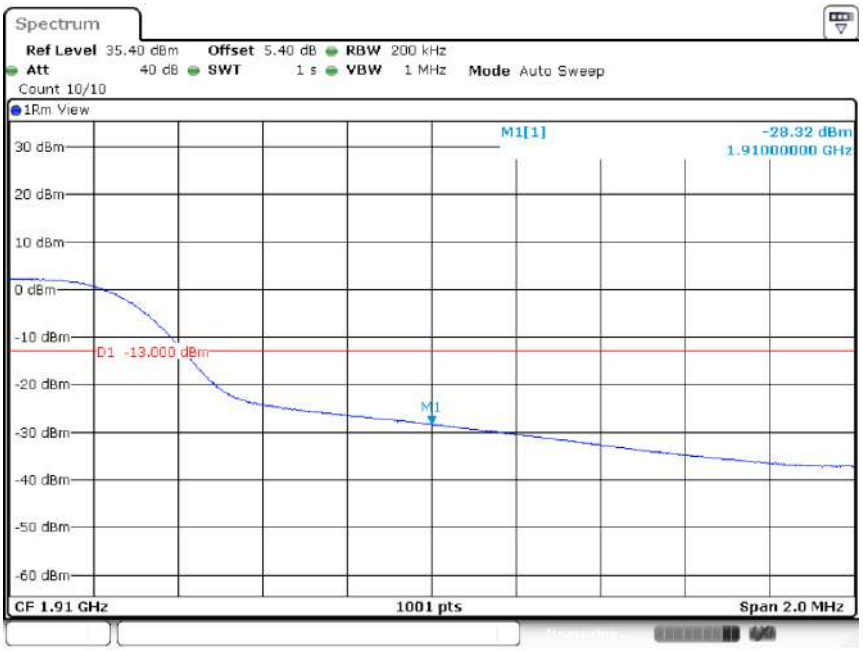
Band2-15MHz-16QAM-19125-75RB#0



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

Date: 31.AUG.2020 21:43:07

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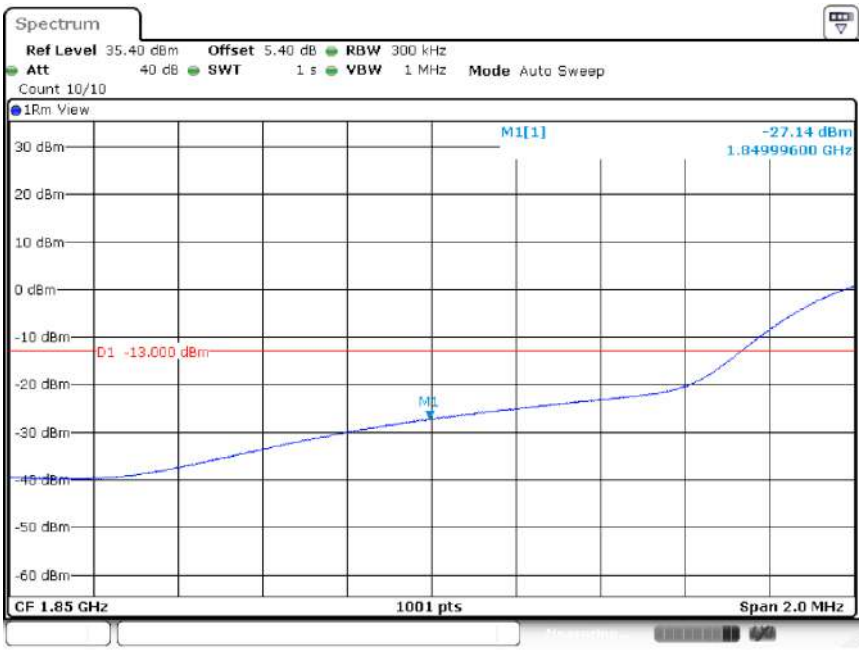
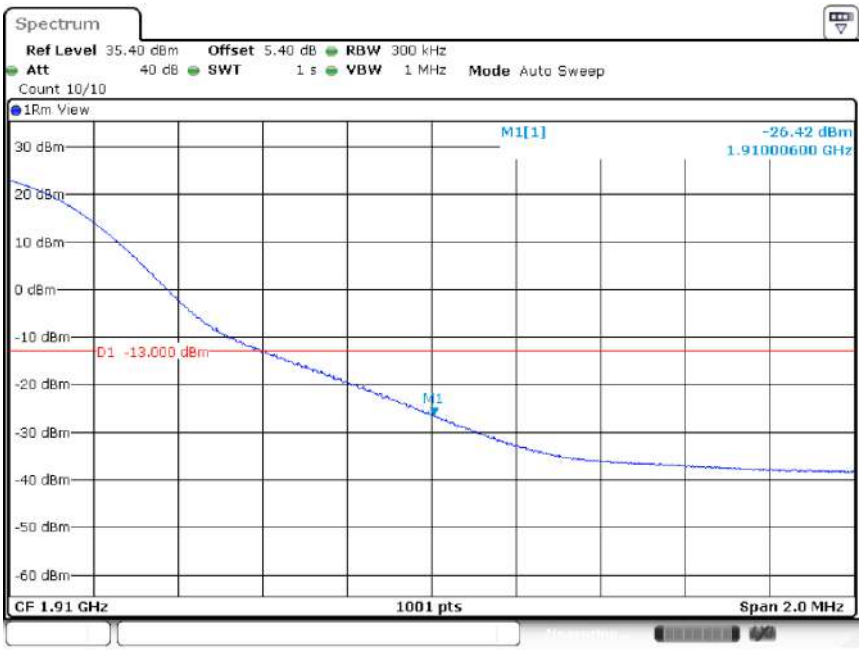
Band2-20MHz-QPSK-18700-100RB#0



Date: 31.AUG.2020 21:46:00

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



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

Date: 31.AUG.2020 21:46:41

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

Date: 31.AUG.2020 21:43:27

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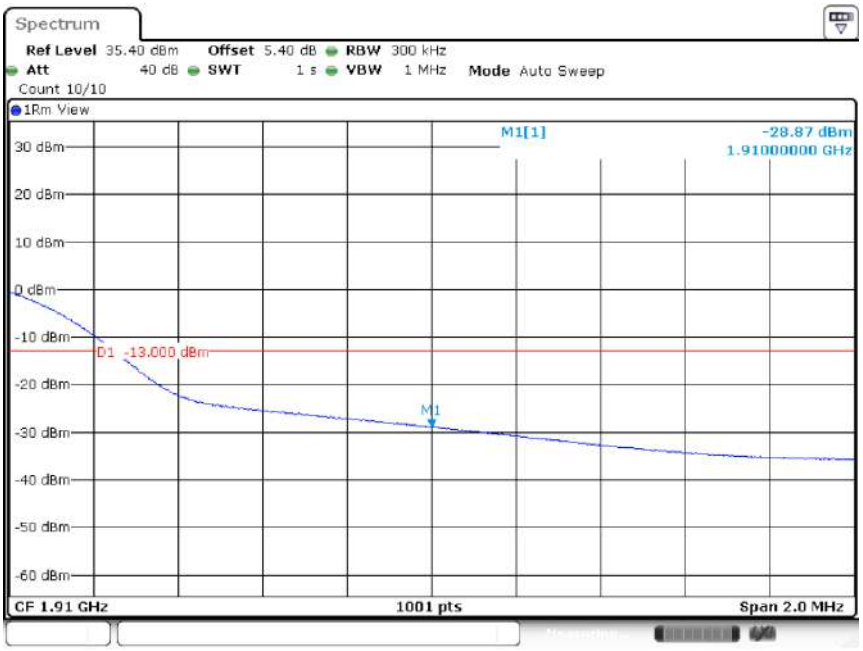
Band2-20MHz-16QAM-19100-100RB#0



Date: 31.AUG.2020 21:47:02

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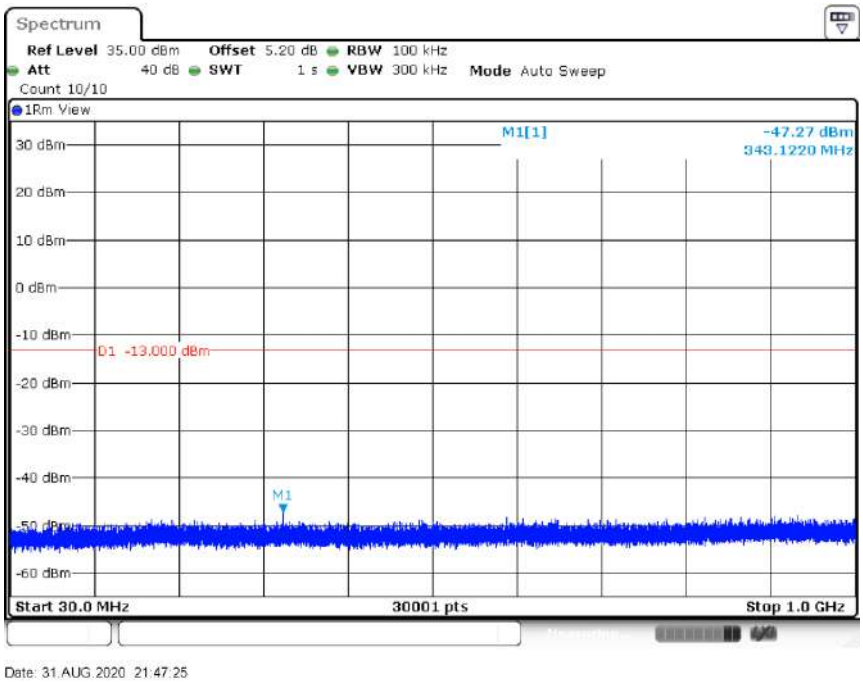
6. Spurious Emission at Antenna Terminal

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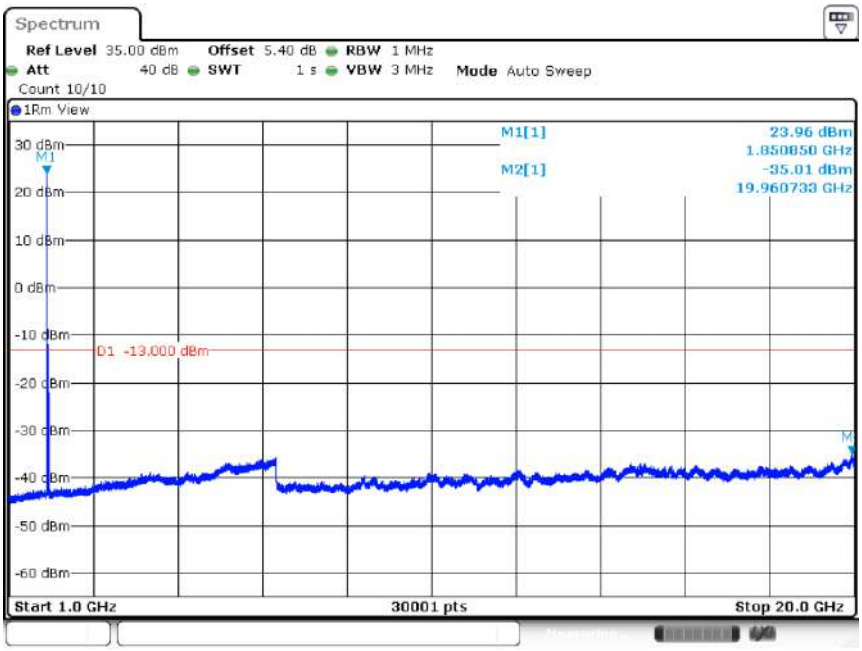
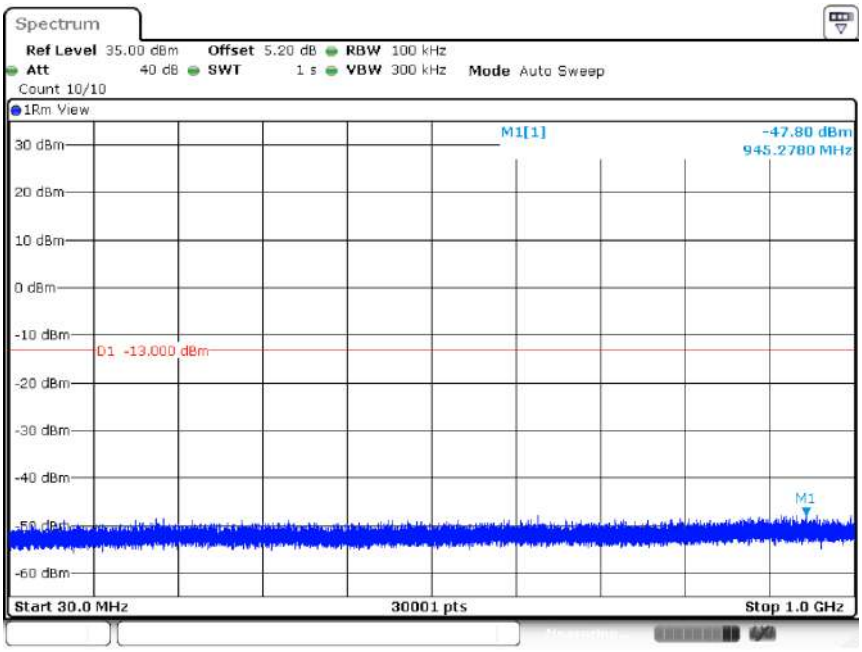
Band2-20MHz-QPSK-18700-1RB#0-Range2:1000~20000MHz



Date: 31.AUG.2020 21:47:41

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



Date: 31.AUG.2020 21:48:35

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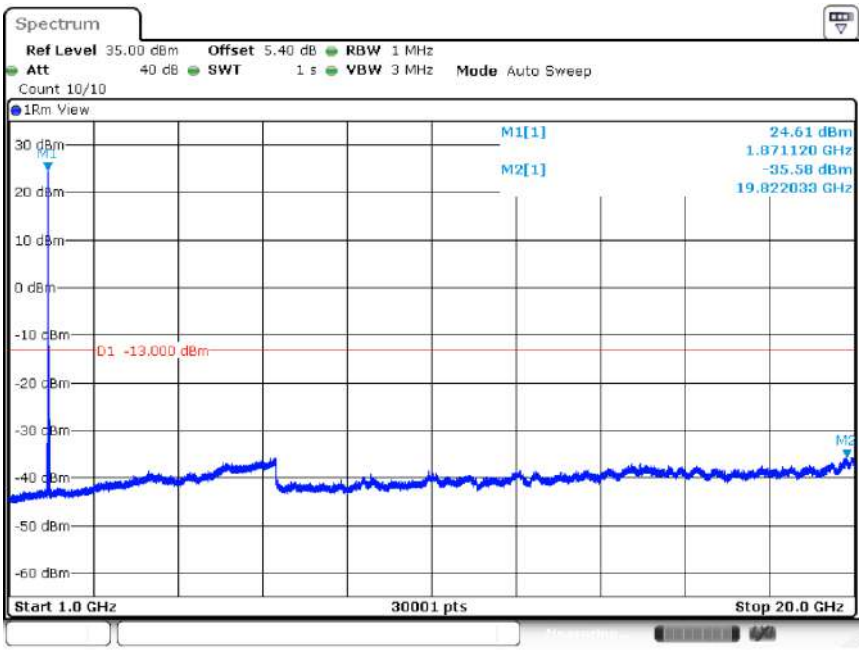

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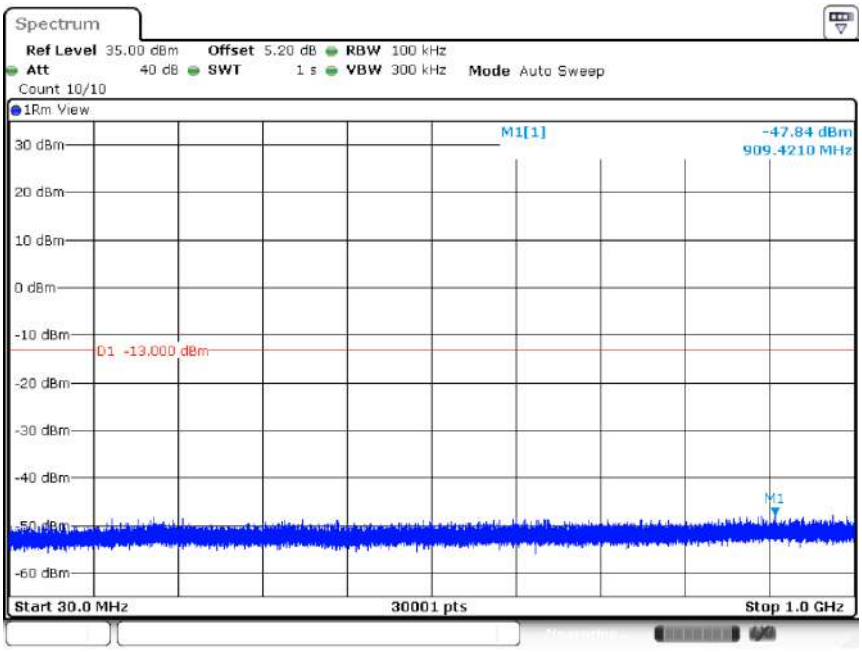
Band2-20MHz-QPSK-19100-1RB#0-Range1:30~1000MHz



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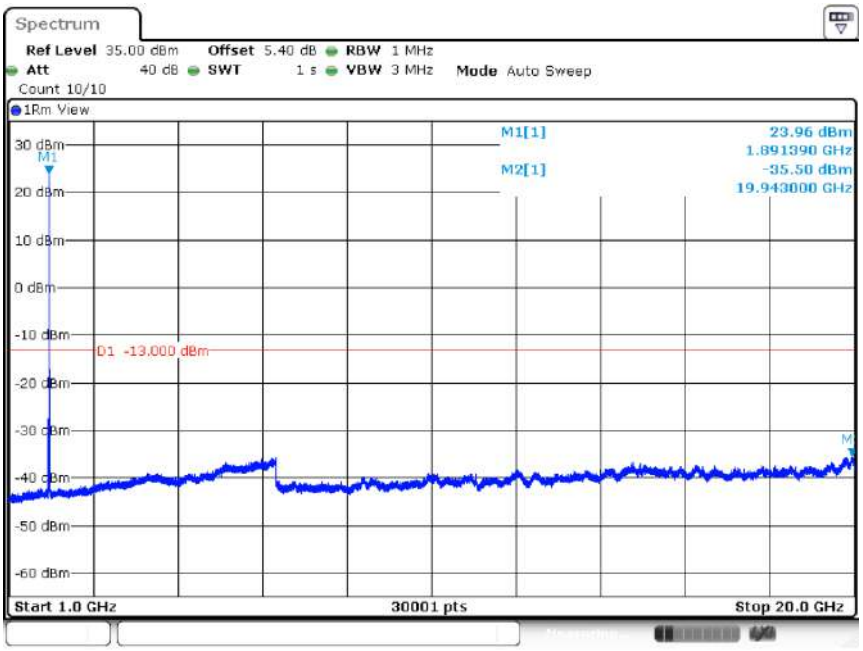
Band2-20MHz-QPSK-19100-1RB#0-Range2:1000~20000MHz



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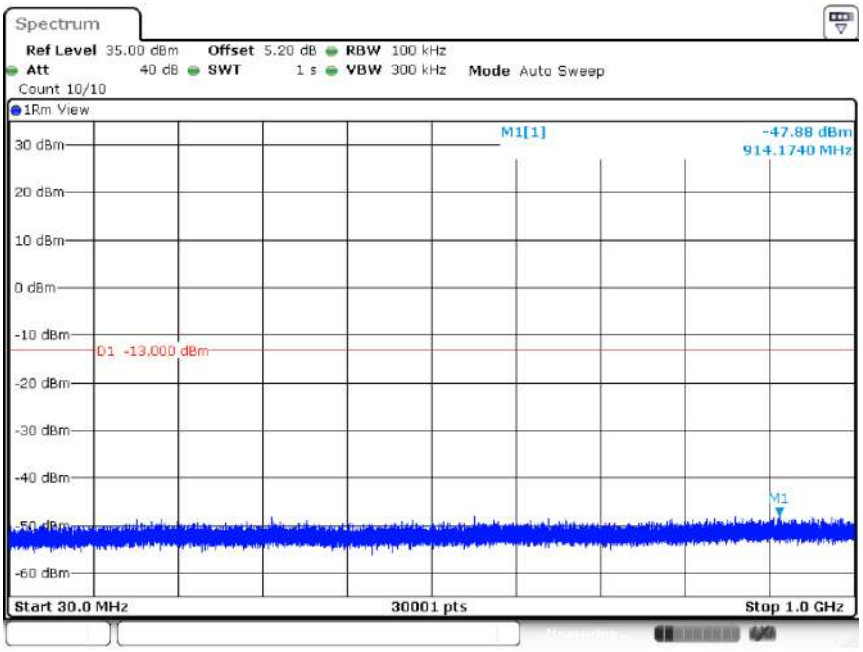

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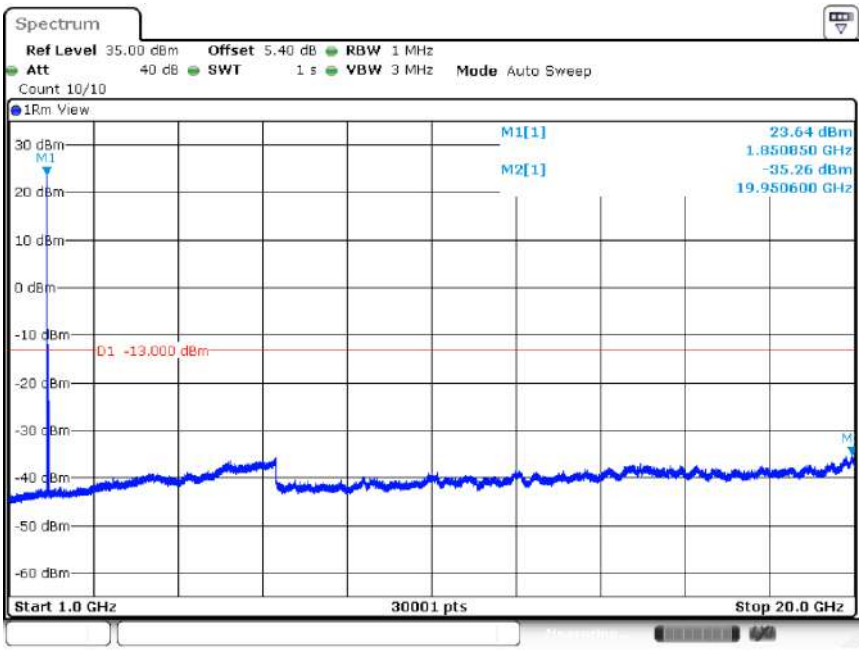
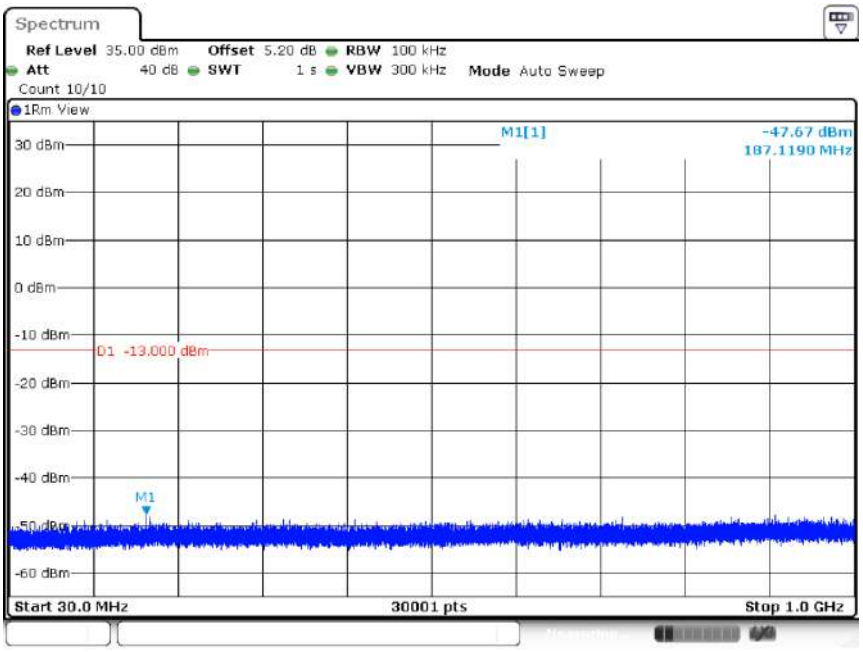


Date: 31.AUG.2020 21:48:16

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



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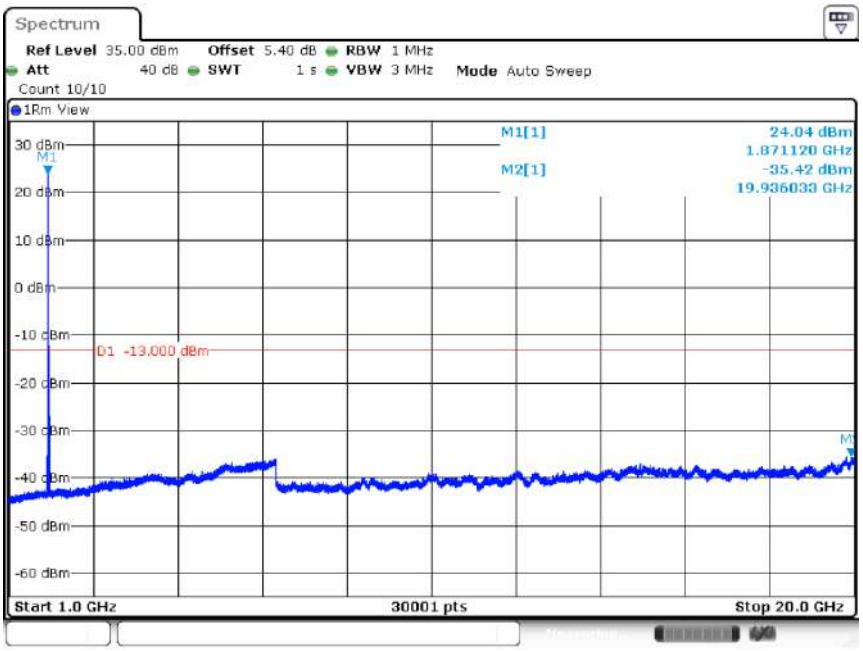

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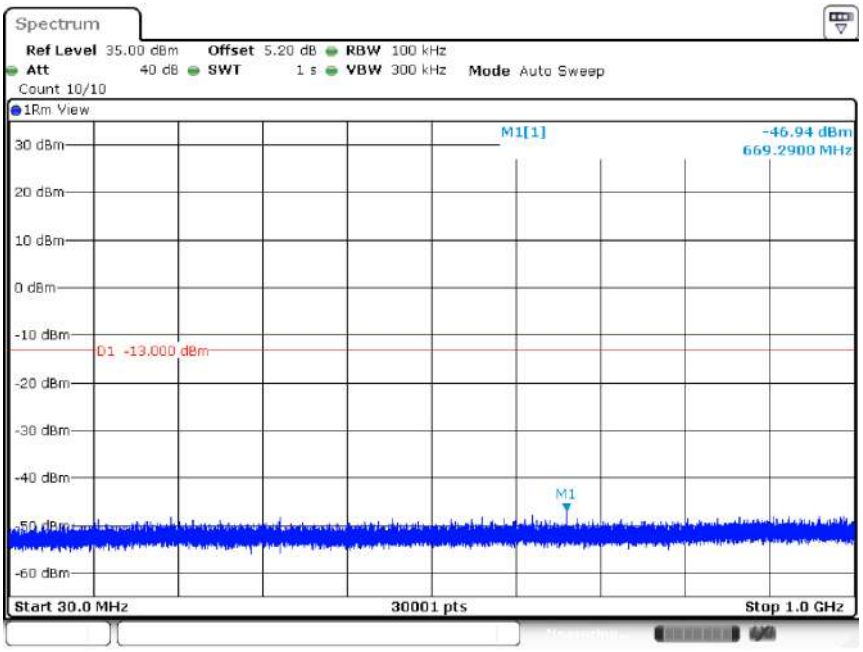
Band2-20MHz-16QAM-19100-1RB#0-Range1:30~1000MHz



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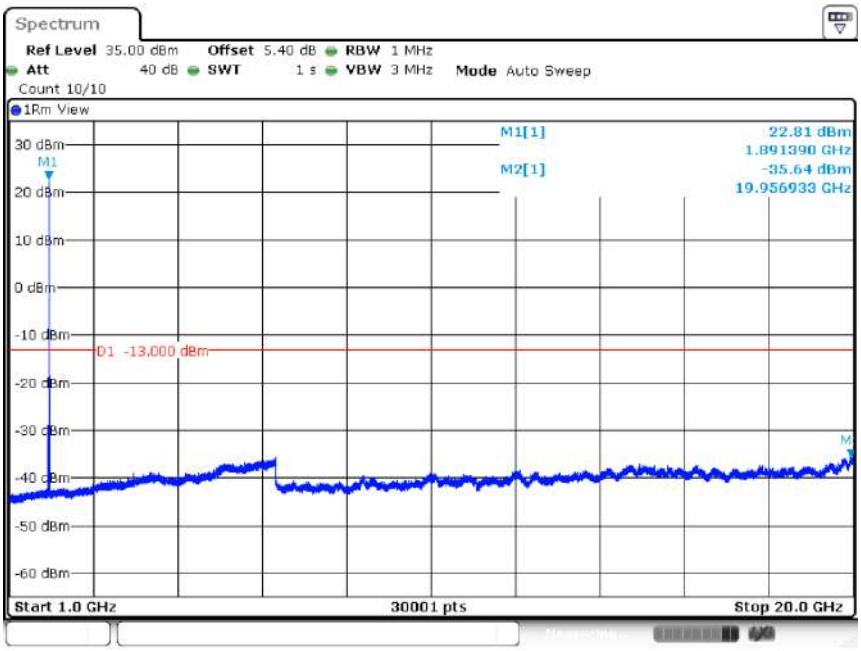

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7. Field Strength of Spurious Radiation

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
109.8835	-65.59	-13.00	52.59	174	305	Vertical
2699.5399	-37.69	-13.00	24.69	185	119	Vertical
3702.0234	-54.34	-13.00	41.34	196	305	Vertical
5553.5851	-34.70	-13.00	21.70	231	26	Vertical
7404.1468	-43.86	-13.00	30.86	285	172	Vertical
17999.0000	-39.94	-13.00	26.94	262	206	Vertical
41.9801	-64.80	-13.00	51.80	185	357	Horizontal
2698.7397	-36.49	-13.00	23.49	196	19	Horizontal
3702.0234	-51.98	-13.00	38.98	231	180	Horizontal
5553.0851	-32.33	-13.00	19.33	251	36	Horizontal
7404.6468	-49.17	-13.00	36.17	161	180	Horizontal
16393.4464	-43.65	-13.00	30.65	231	357	Horizontal

7.1.2.Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
111.0476	-65.23	-13.00	52.23	185	186	Vertical
2703.5407	-37.61	-13.00	24.61	196	303	Vertical
3742.5248	-53.40	-13.00	40.40	213	14	Vertical
5613.0871	-32.36	-13.00	19.36	252	48	Vertical
7484.6495	-43.86	-13.00	30.86	284	14	Vertical
17994.4998	-40.32	-13.00	27.32	154	186	Vertical
40.3310	-62.71	-13.00	49.71	252	360	Horizontal
2696.7393	-36.47	-13.00	23.47	151	113	Horizontal
3742.5248	-51.33	-13.00	38.33	184	38	Horizontal
5613.0871	-31.66	-13.00	18.66	196	138	Horizontal
7484.6495	-47.50	-13.00	34.50	231	170	Horizontal
16397.9466	-43.96	-13.00	30.96	262	360	Horizontal

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7.1.3.Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
107.7979	-65.31	-13.00	52.31	174	333	Vertical
2709.1418	-37.59	-13.00	24.59	185	87	Vertical
3782.0261	-46.84	-13.00	33.84	196	267	Vertical
5673.0891	-29.44	-13.00	16.44	321	197	Vertical
7564.6522	-44.09	-13.00	31.09	262	24	Vertical
17997.9999	-40.15	-13.00	27.15	261	333	Vertical
44.6962	-63.78	-13.00	50.78	148	265	Horizontal
2700.7401	-36.45	-13.00	23.45	196	162	Horizontal
3782.0261	-46.46	-13.00	33.46	185	13	Horizontal
5673.5891	-28.66	-13.00	15.66	196	44	Horizontal
7564.1521	-48.13	-13.00	35.13	231	165	Horizontal
16399.9467	-43.66	-13.00	30.66	254	232	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	1.90	0.001022	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VN	NT	4.00	0.002151	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VH	NT	3.90	0.002097	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	0.80	0.000426	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	4.20	0.002234	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	3.60	0.001915	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VL	NT	-1.10	-0.000579	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VN	NT	-3.40	-0.001789	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VH	NT	-3.10	-0.001632	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VL	NT	2.30	0.001237	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VN	NT	2.60	0.001398	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VH	NT	2.50	0.001344	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VL	NT	2.90	0.001543	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VN	NT	0.10	0.000053	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VH	NT	0.20	0.000106	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VL	NT	-1.70	-0.000895	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VN	NT	-1.90	-0.001000	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VH	NT	-2.10	-0.001105	±2.5	PASS

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	3.90	0.002097	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-20	1.20	0.000645	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-10	5.60	0.003011	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	0	2.40	0.001290	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	10	2.40	0.001290	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	20	2.30	0.001237	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	30	2.80	0.001505	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	40	5.60	0.003011	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	50	4.20	0.002258	±2.5	PASS

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Band2	20MHz	QPSK	18900	100RB#0	NV	-30	0.90	0.000479	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	2.50	0.001330	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	2.50	0.001330	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	1.80	0.000957	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	2.60	0.001383	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	0.90	0.000479	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	3.10	0.001649	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	0.50	0.000266	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	1.00	0.000532	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-30	-0.40	-0.000211	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-20	-2.90	-0.001526	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-10	3.90	0.002097	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	0	-2.90	-0.001526	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	10	-1.90	-0.001000	±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	-3.30	-0.001737	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	40	-4.60	-0.002421	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	50	-0.20	-0.000105	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-30	4.30	0.002312	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-20	1.10	0.000591	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-10	1.10	0.001935	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	0	1.50	0.000806	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	10	3.00	0.001613	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	20	3.90	0.002097	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	30	3.60	0.001935	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	40	3.50	0.001882	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	50	1.80	0.000968	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-30	0.20	0.000106	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-20	2.10	0.001117	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-10	0.10	0.000053	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	0	1.00	0.000532	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	10	0.70	0.000372	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	20	2.70	0.001436	±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	1.00	0.000532	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	50	0.10	0.000053	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-30	-2.60	-0.001368	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-20	-3.30	-0.001737	±2.5	PASS

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Band2	20MHz	16QAM	19100	100RB#0	NV	-10	-1.60	-0.000842	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	0	-5.30	-0.002789	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	10	-4.60	-0.002421	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	20	-0.50	-0.000263	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	30	-1.60	-0.000842	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	40	-5.20	-0.002737	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	50	-1.50	-0.000789	±2.5	PASS

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