



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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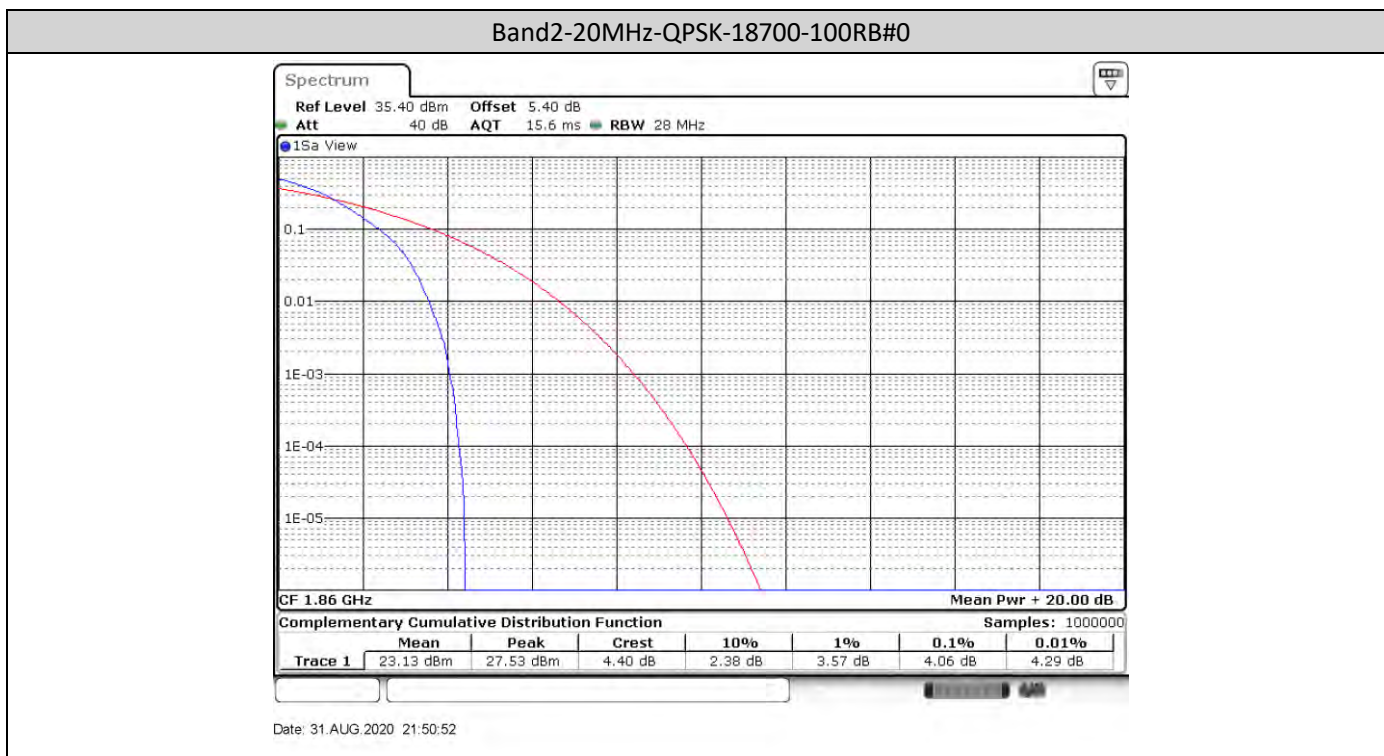


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

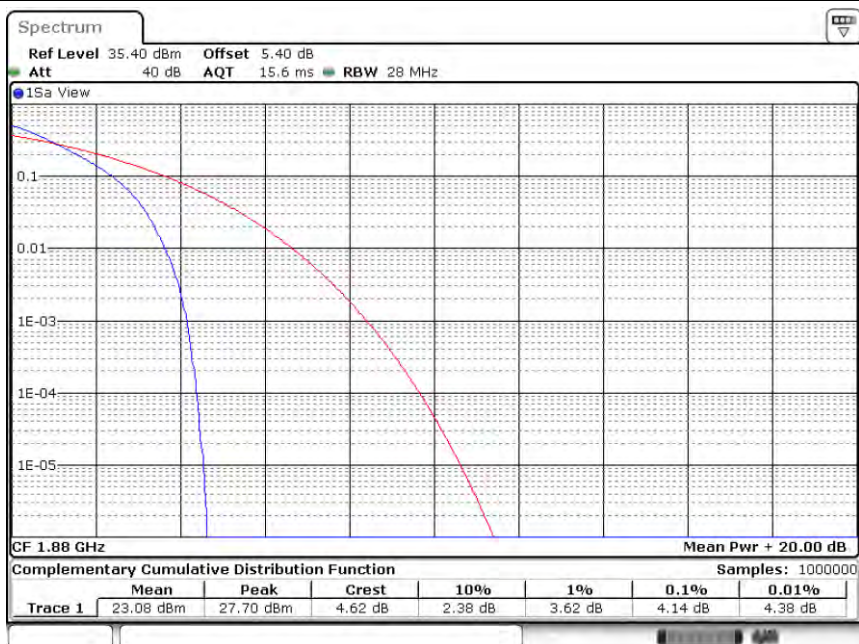
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	4.06	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	4.14	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	3.94	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	4.99	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	4.99	13	PASS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

2.2. Test Plots



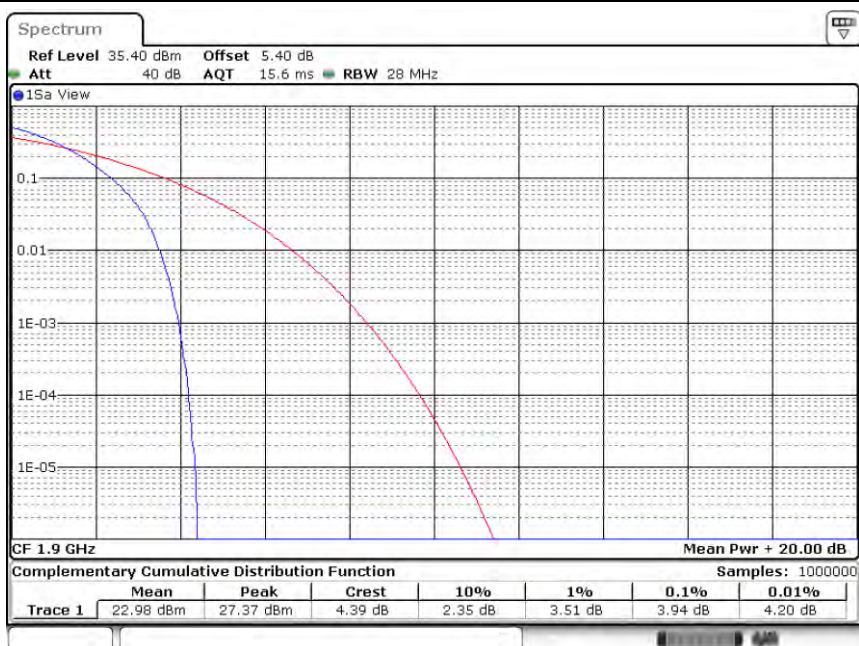


Band2-20MHz-QPSK-18900-100RB#0



Date: 31.AUG.2020 21:51:14

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

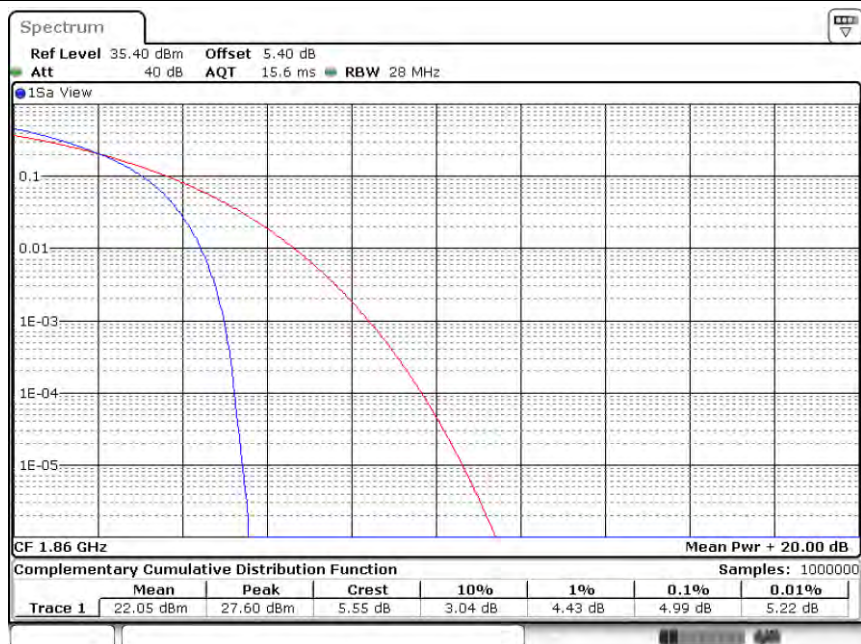


Date: 31.AUG.2020 21:51:37



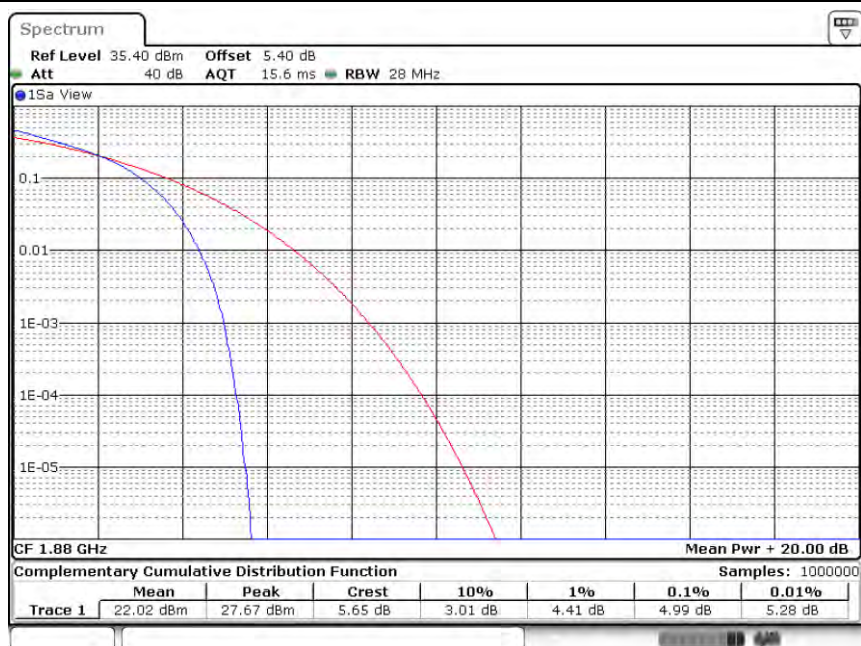


Band2-20MHz-16QAM-18700-100RB#0



Date: 31 AUG 2020 21:51:03

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



Date: 31 AUG 2020 21:51:25

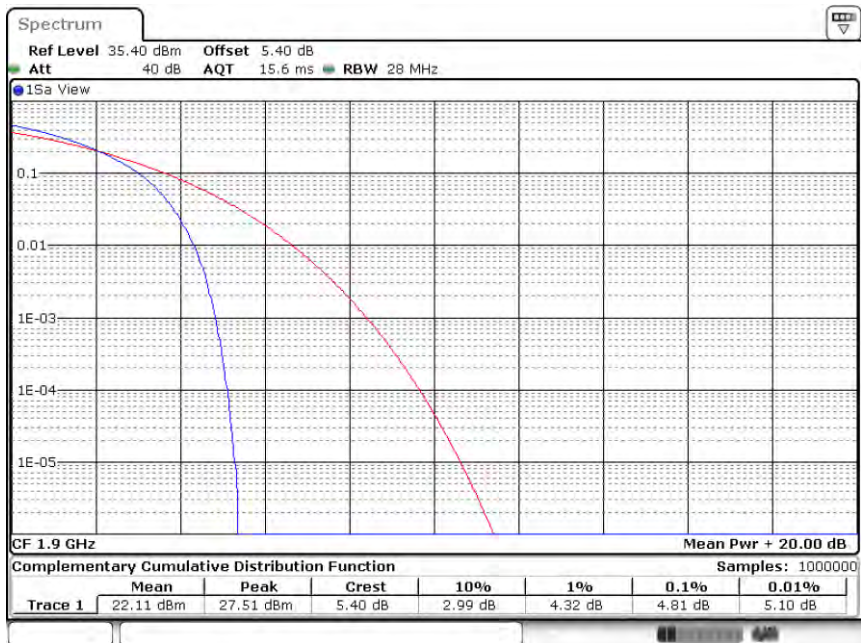


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Band2-20MHz-16QAM-19100-100RB#0



Date: 31 AUG 2020 21:51:48



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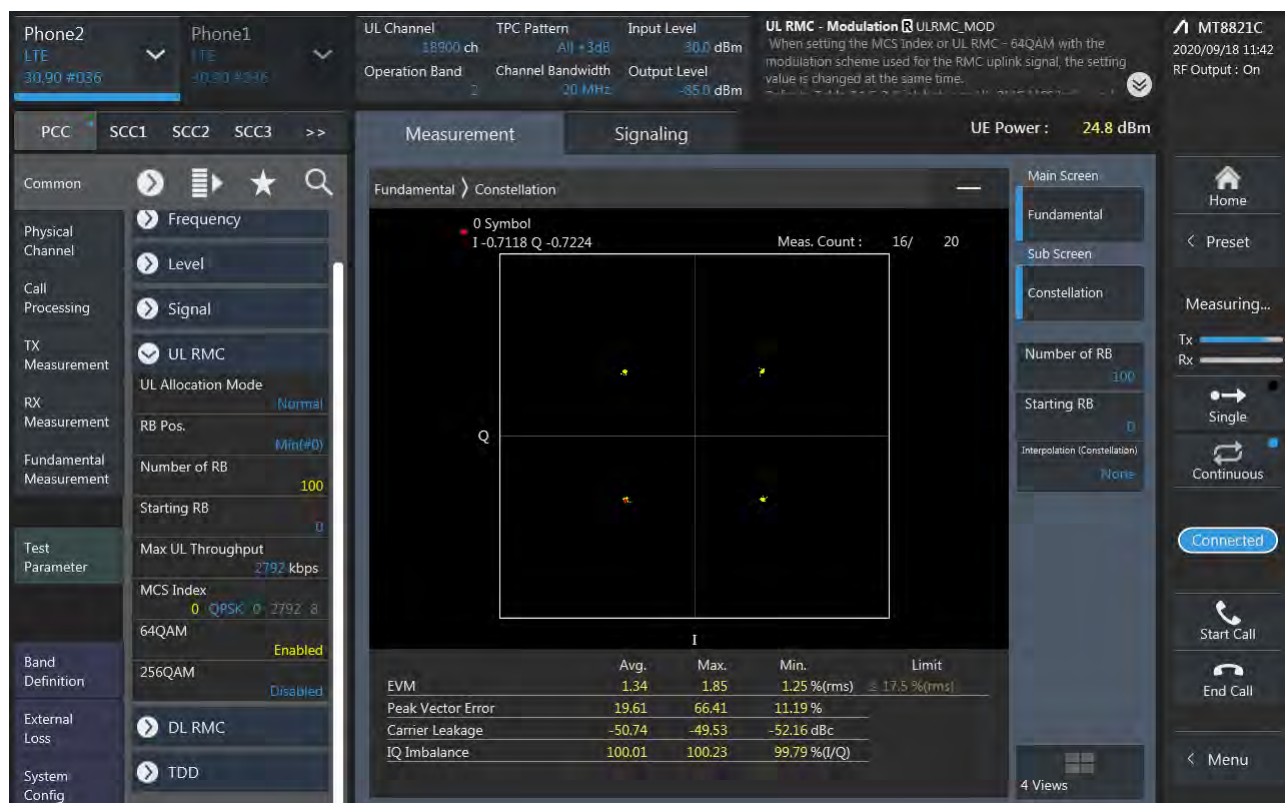
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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

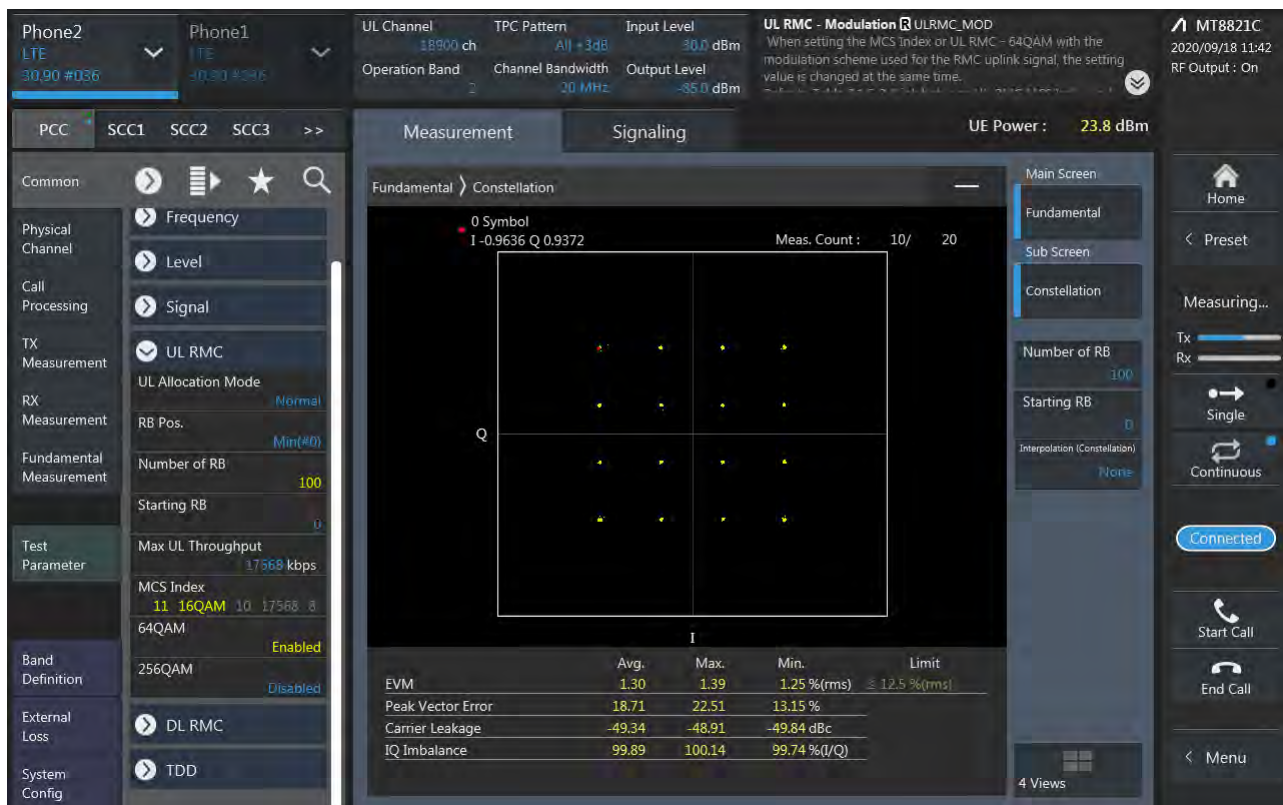
3.1.1. Test Channel = MCH





3.2. Test Mode = LTE /TM2 20MHz

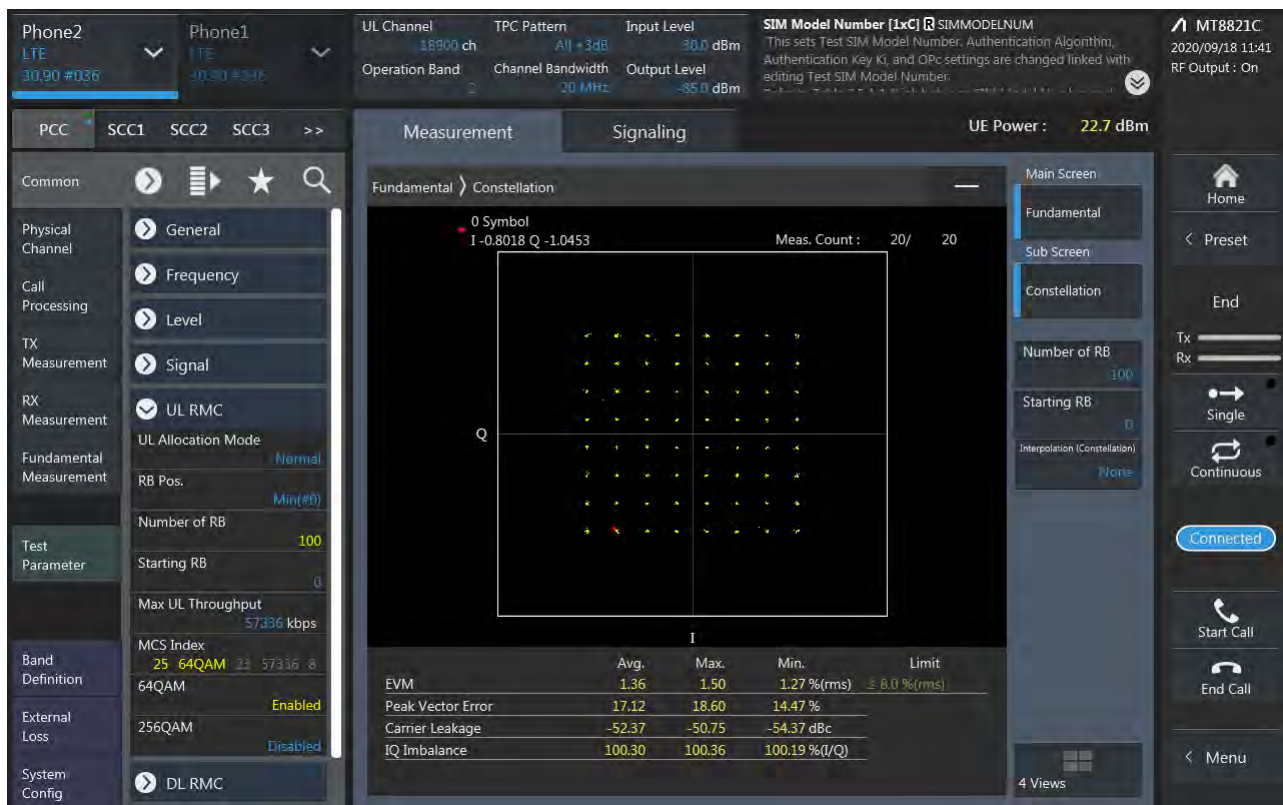
3.2.1. Test Channel = MCH





3.3. Test Mode = LTE /TM3 20MHz

3.3.1. Test Channel = MCH





4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.094	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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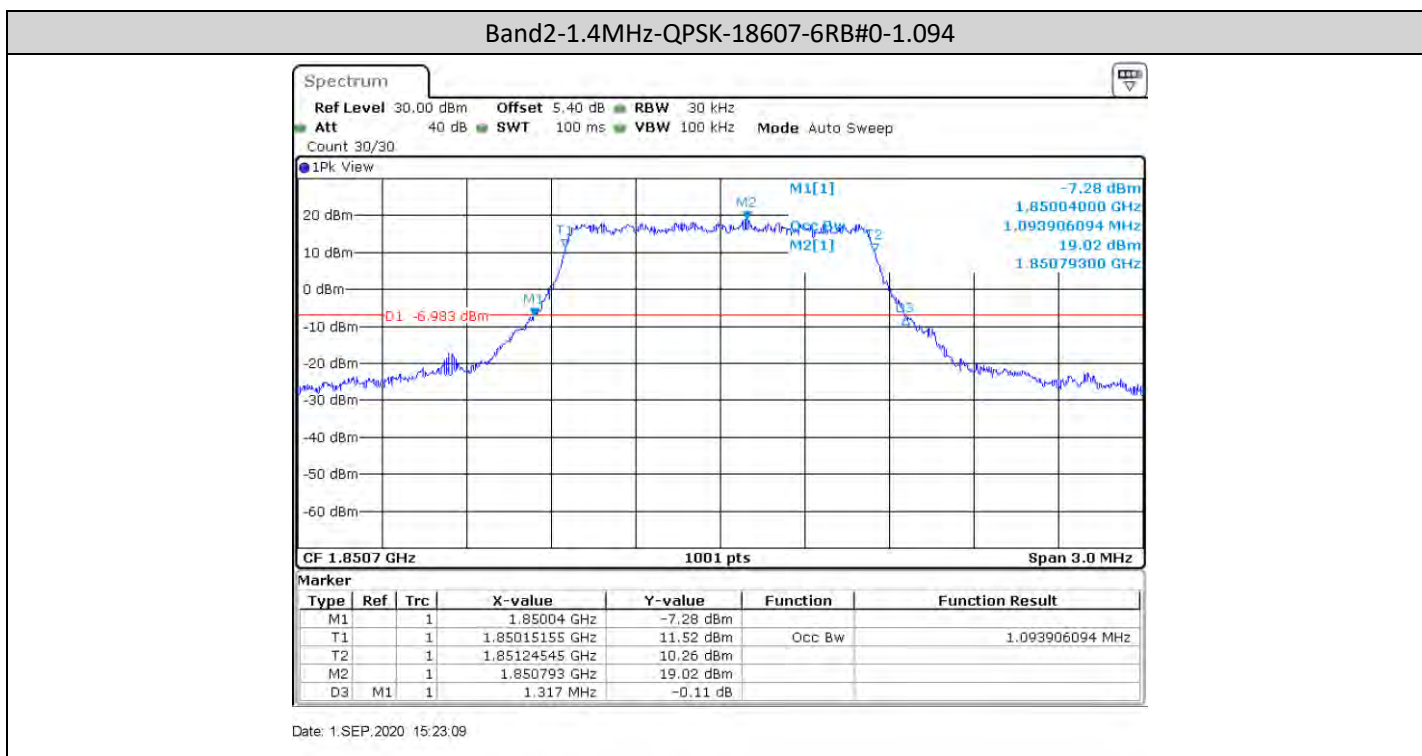
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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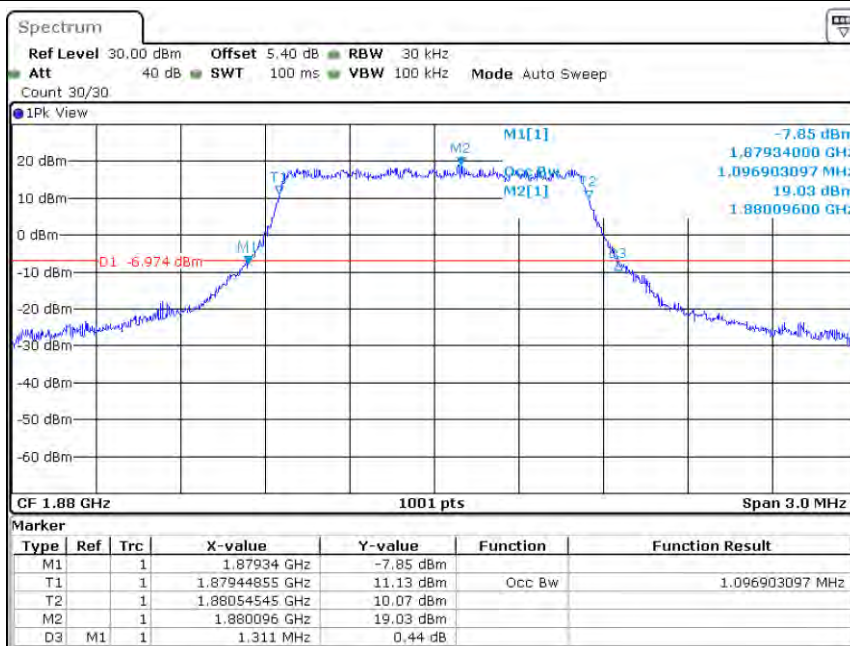
Band2	20MHz	QPSK	18900	100RB#0	17.822	19.440	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.782	19.320	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.822	19.400	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.862	19.400	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.782	19.320	PASS

4.2. Test Plots



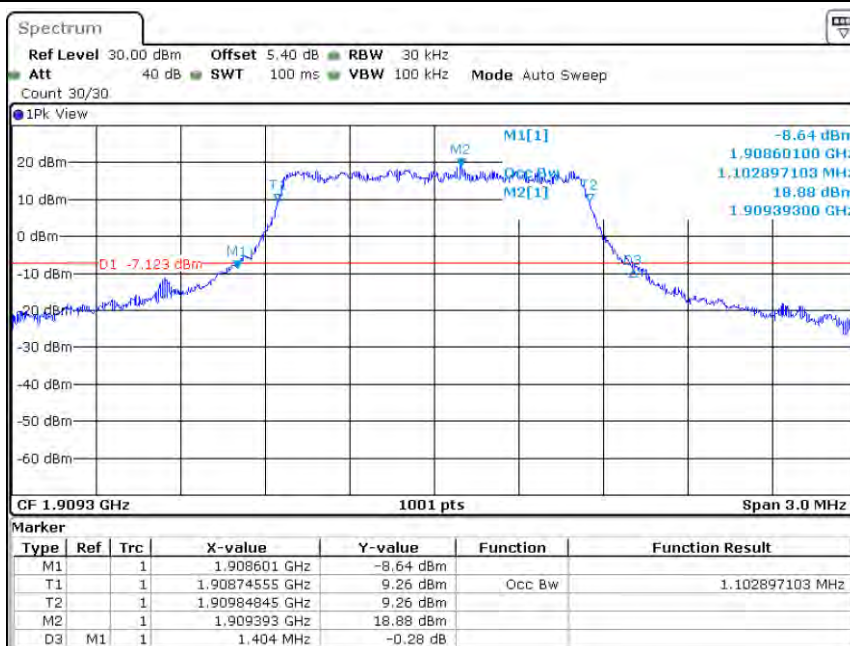


Band2-1.4MHz-QPSK-18900-6RB#0-1.097



Date: 1.SEP.2020 15:23:34

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



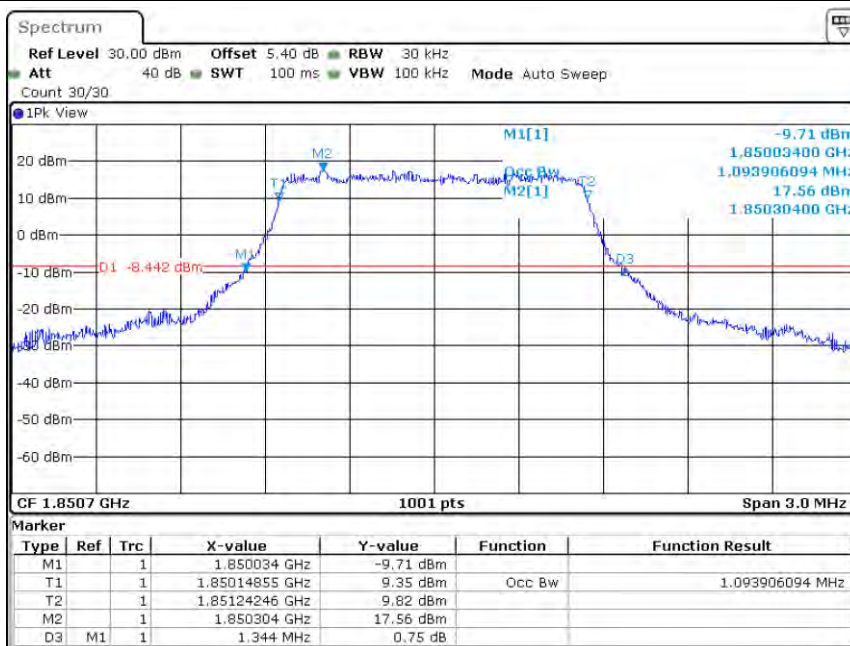
Date: 1.SEP.2020 15:24:00



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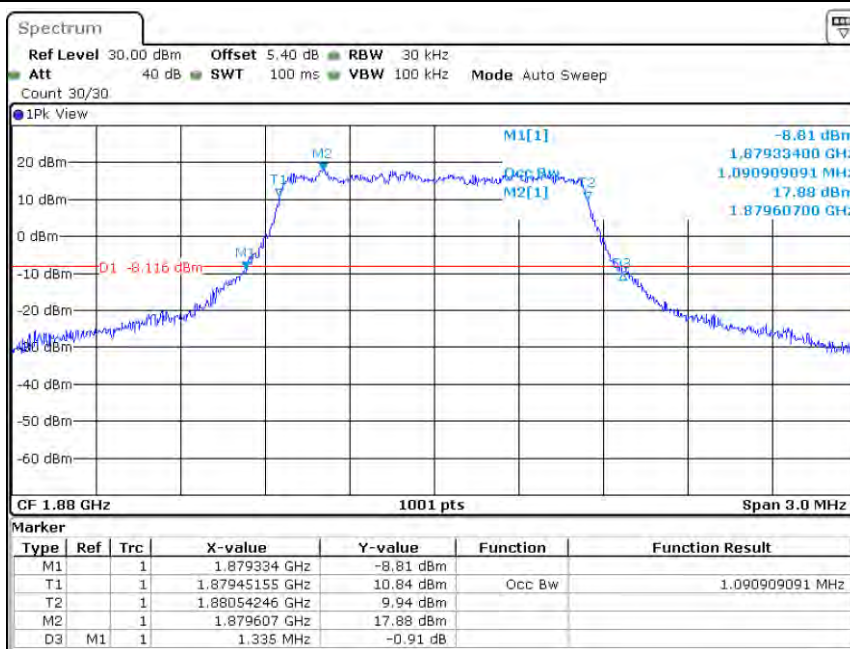
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Band2-1.4MHz-16QAM-18607-6RB#0-1.094



Date: 1.SEP.2020 15:23:21

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

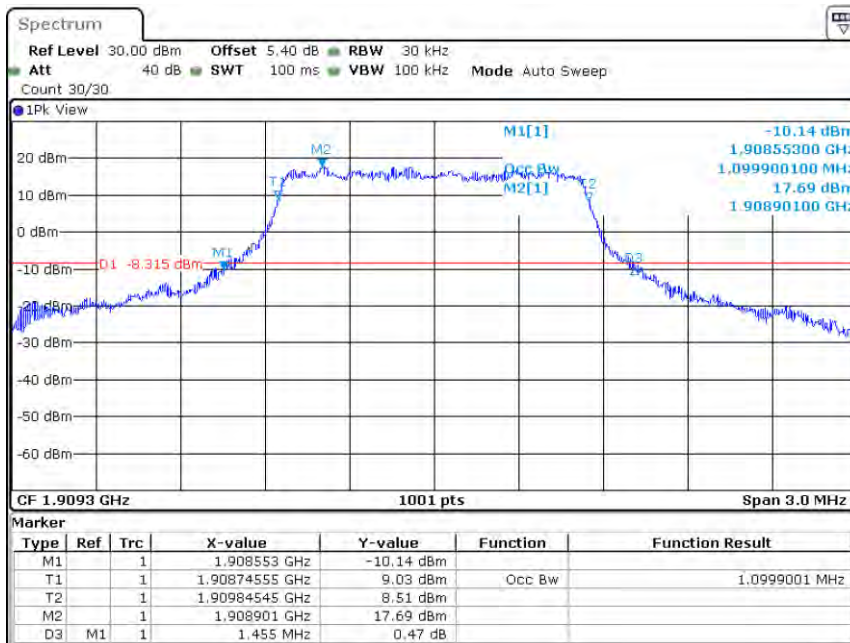


Date: 1.SEP.2020 15:23:47



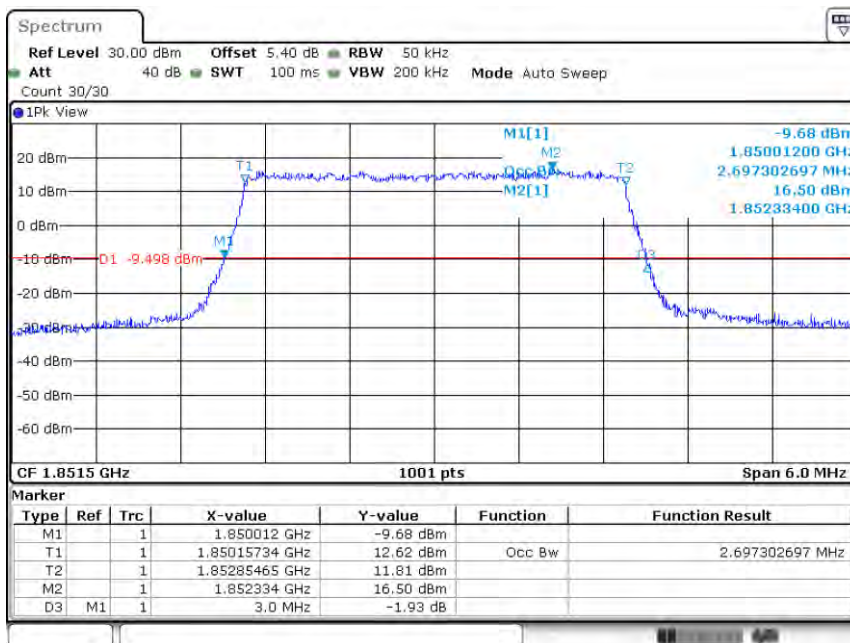


Band2-1.4MHz-16QAM-19193-6RB#0-1.1



Date: 1.SEP.2020 15:24:12

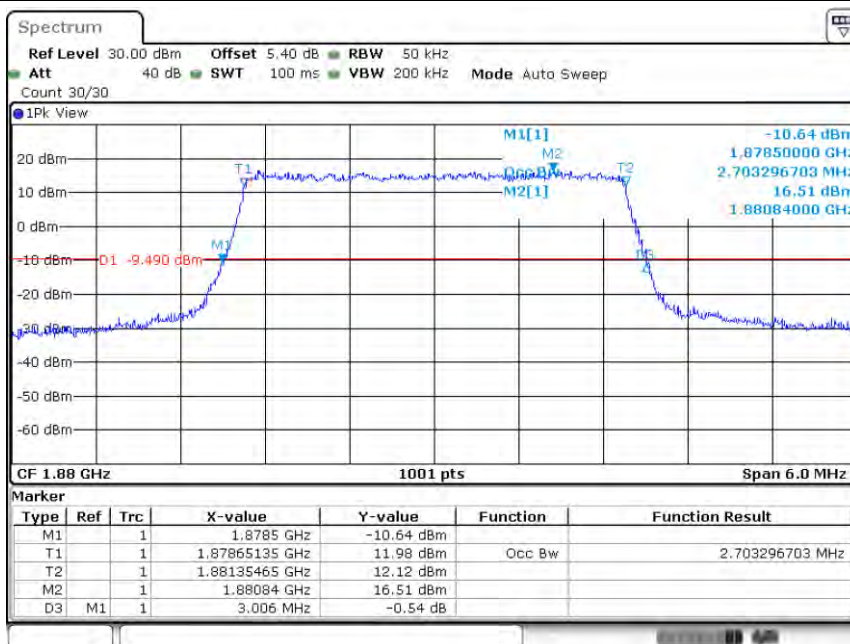
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Date: 31.AUG.2020 21:12:04

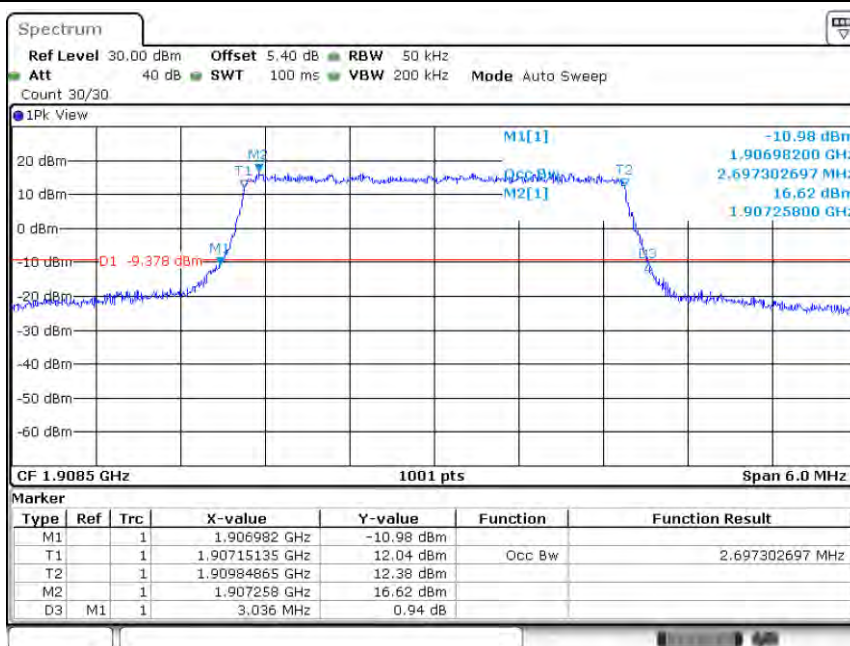


Band2-3MHz-QPSK-18900-15RB#0-2.703



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

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



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

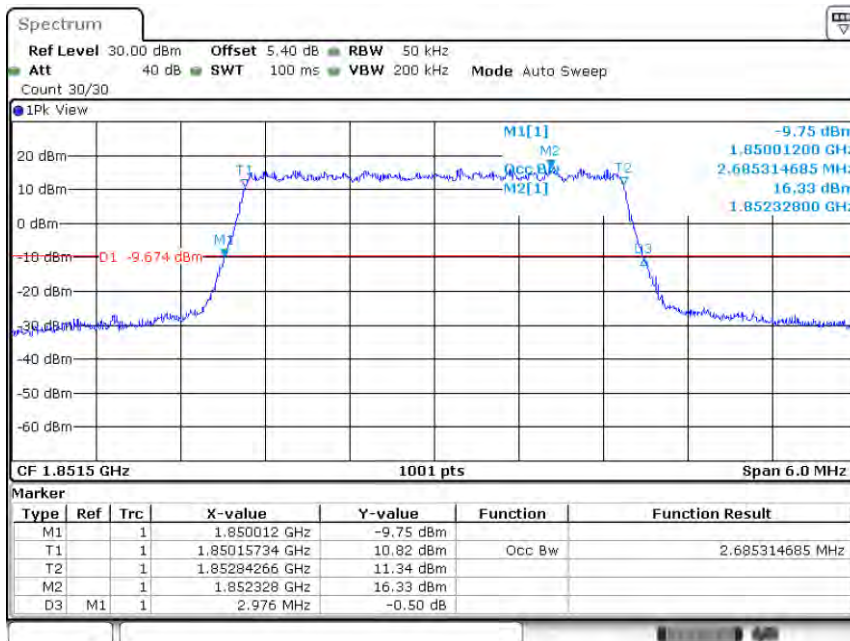


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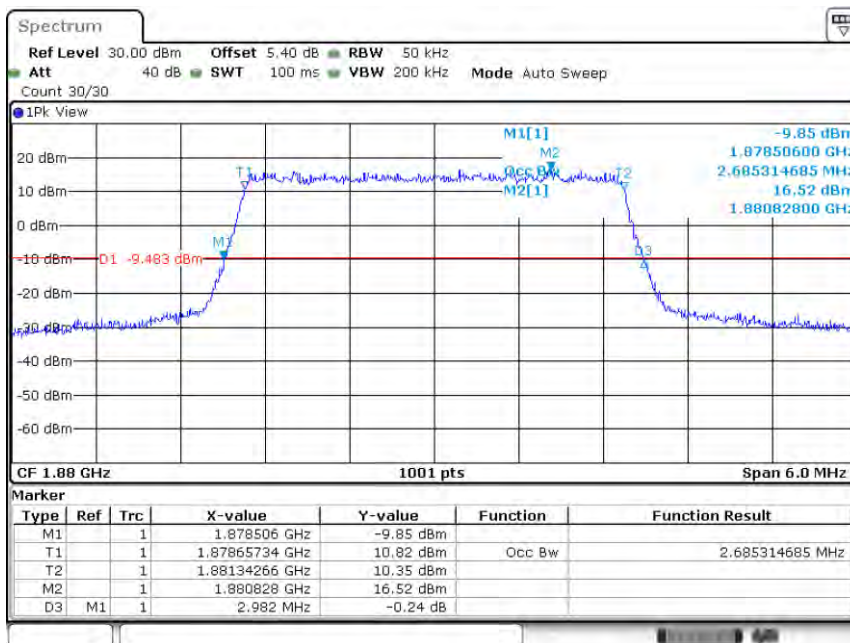


Band2-3MHz-16QAM-18615-15RB#0-2.685



Date: 31.AUG.2020 21:12:17

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



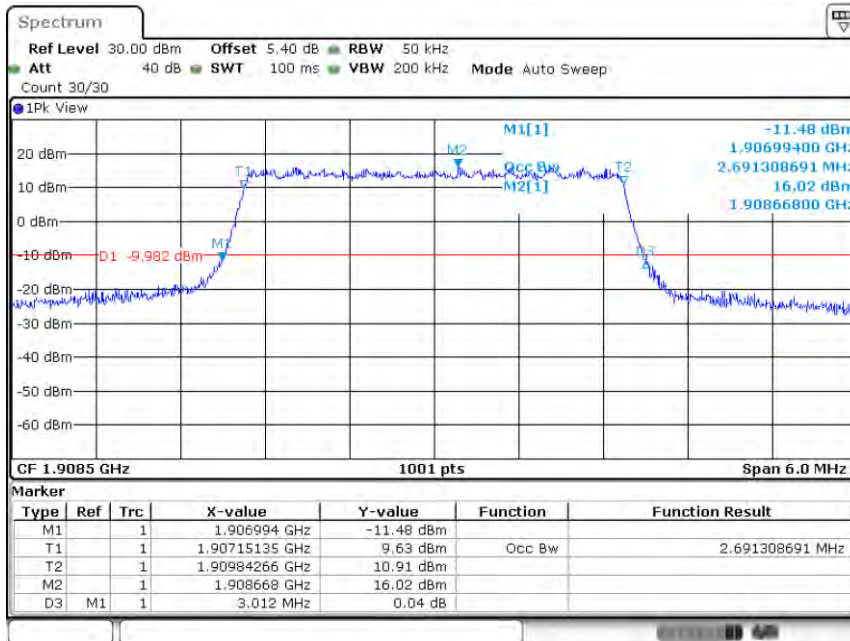
Date: 31.AUG.2020 21:12:42



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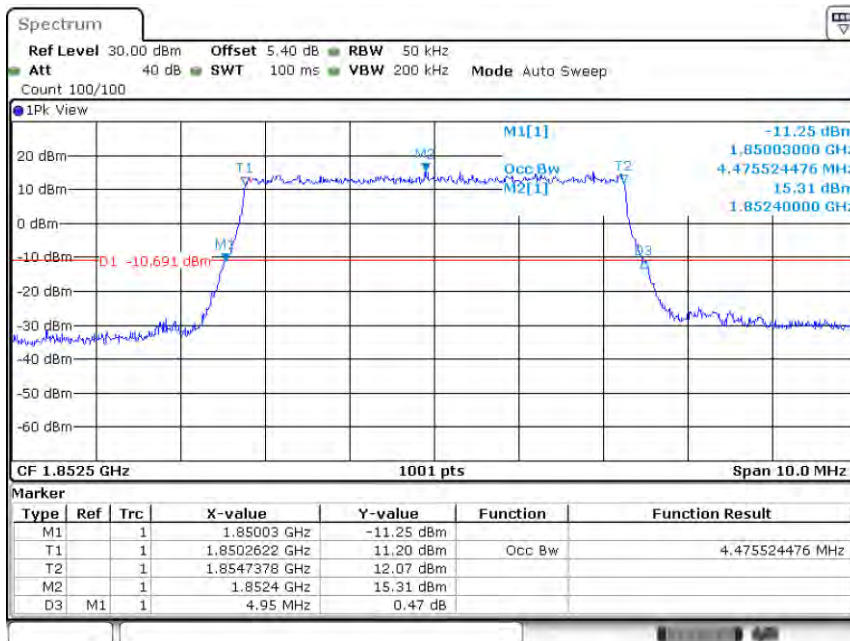
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Band2-3MHz-16QAM-19185-15RB#0-2.691



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

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



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

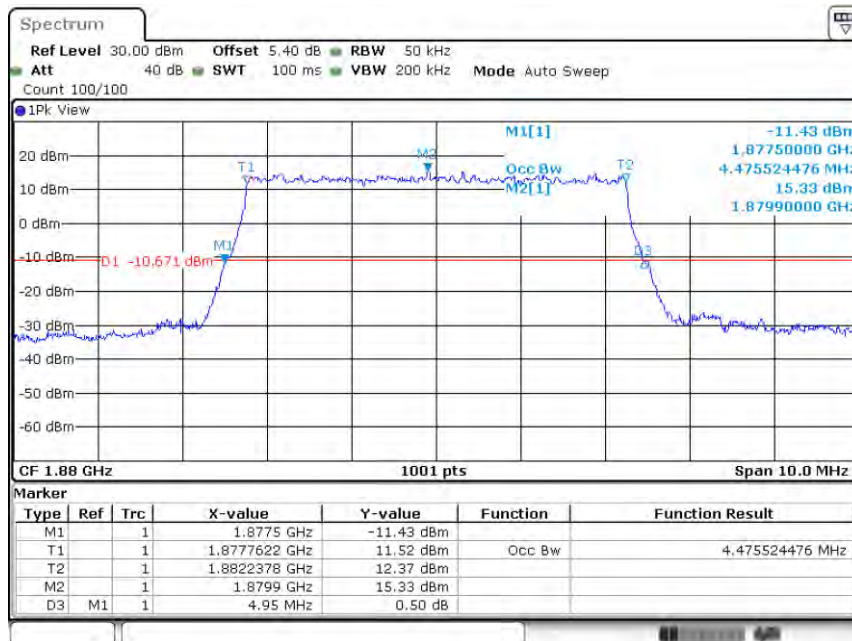


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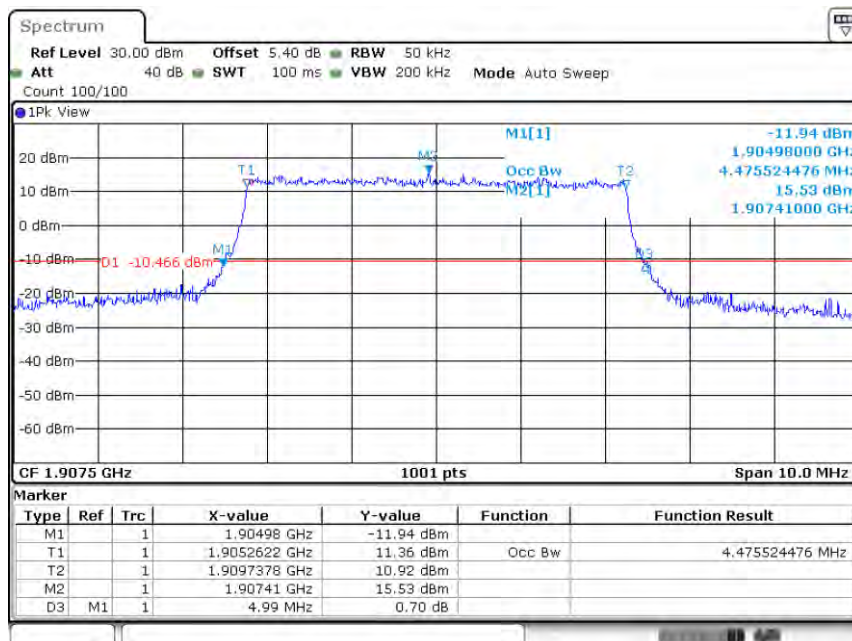


Band2-5MHz-QPSK-18900-25RB#0-4.476



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

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



Date: 31.AUG.2020 21:14:53

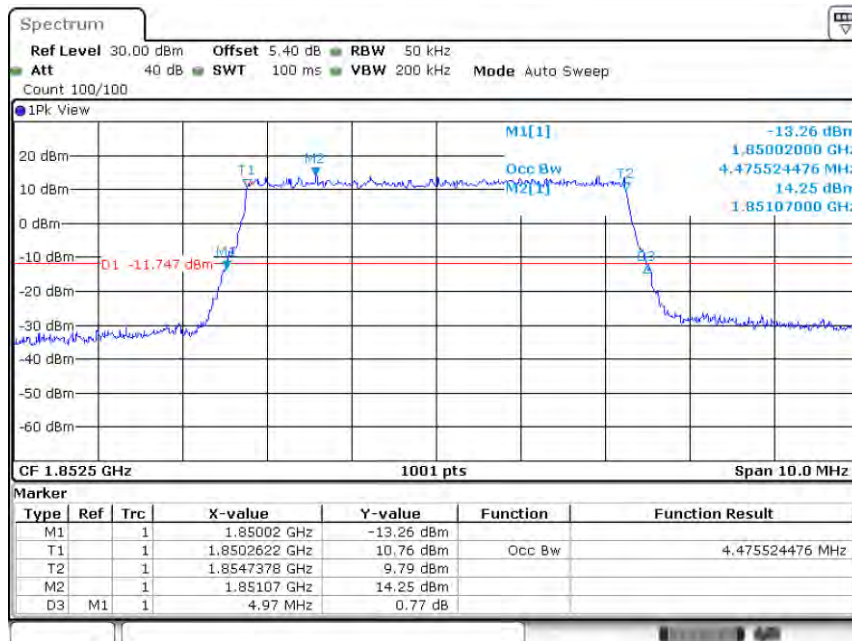


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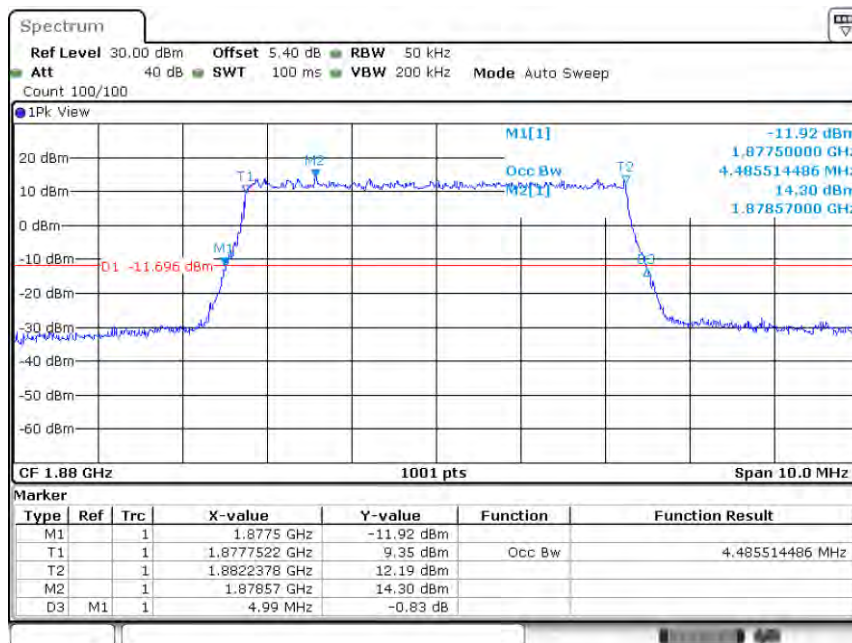


Band2-5MHz-16QAM-18625-25RB#0-4.476



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

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



Date: 31.AUG.2020 21:14:33

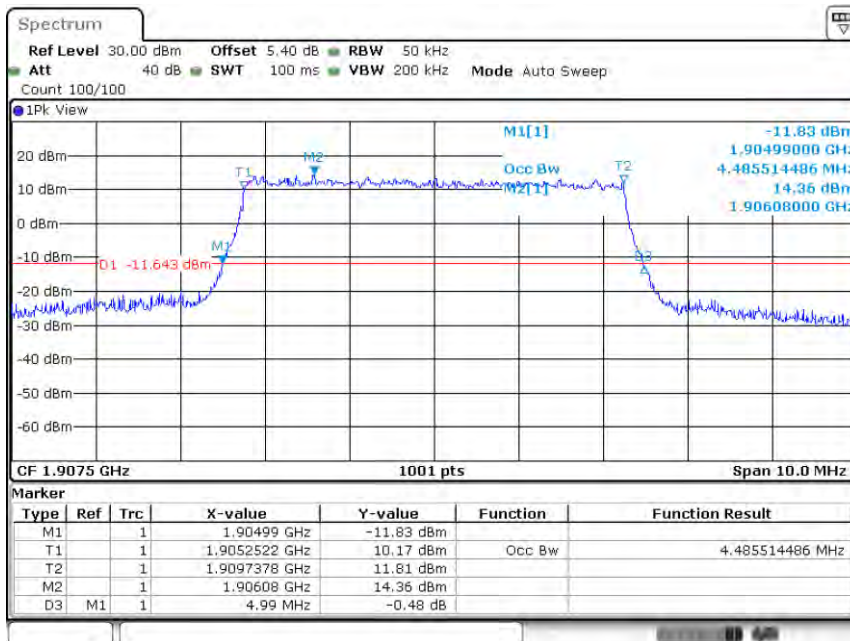


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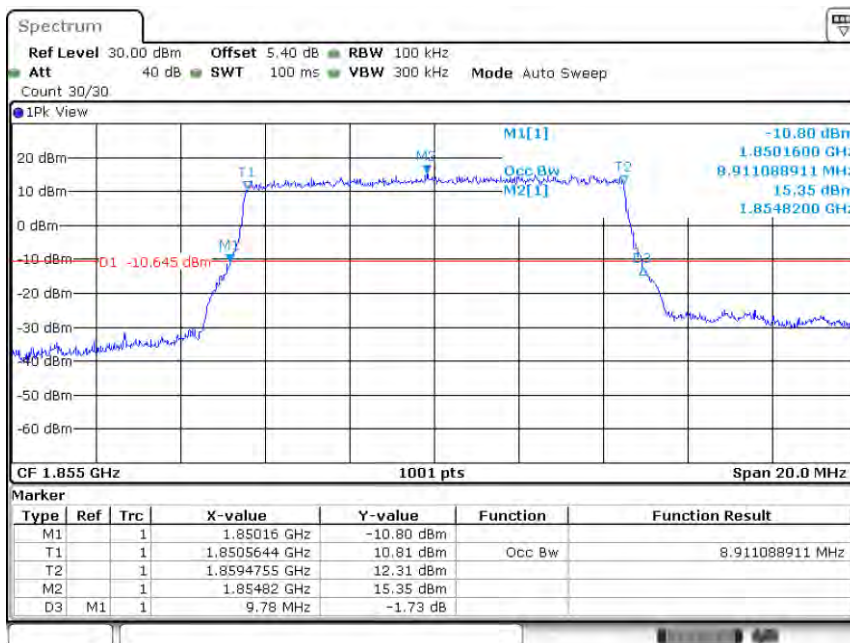


Band2-5MHz-16QAM-19175-25RB#0-4.486



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

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



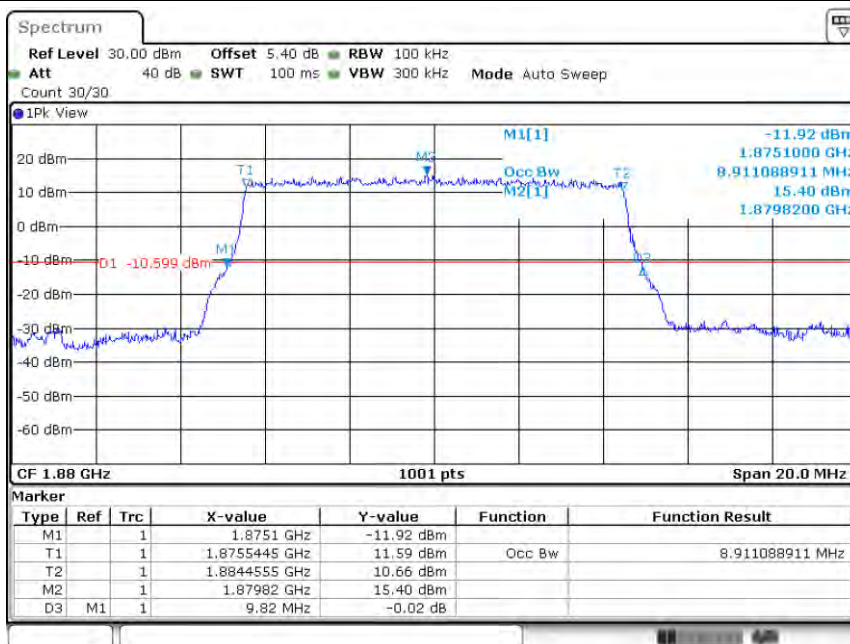
Date: 31.AUG.2020 21:15:30



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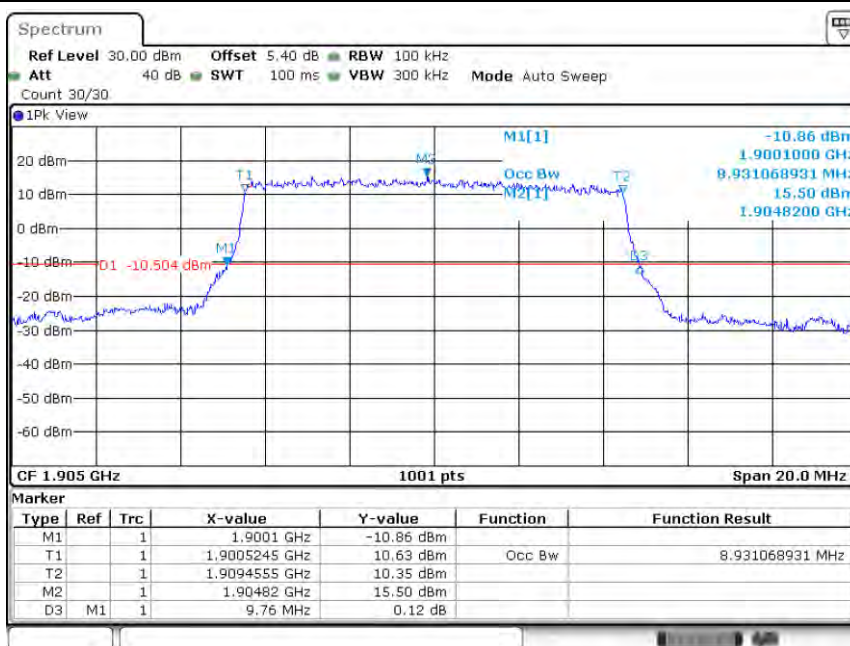
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Band2-10MHz-QPSK-18900-50RB#0-8.911



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

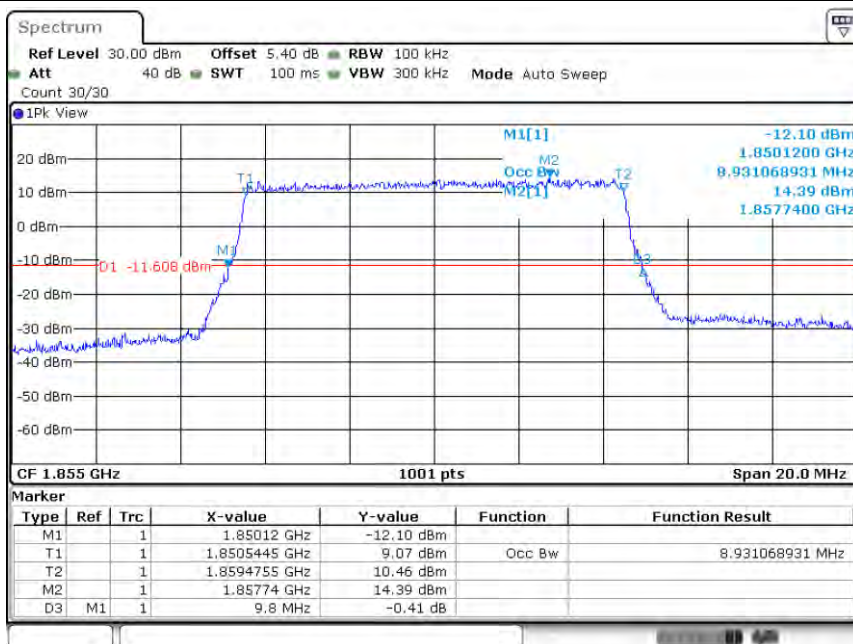
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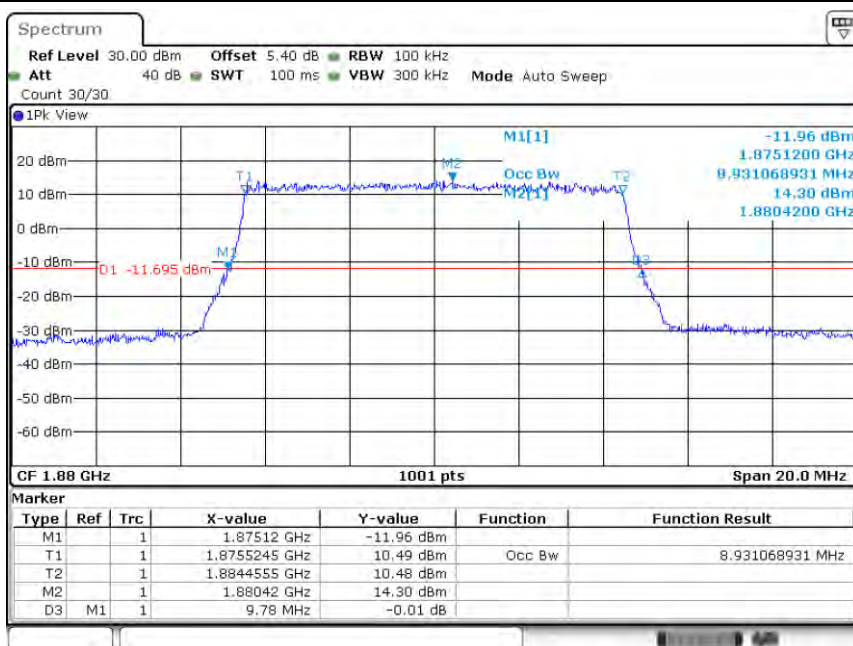


Band2-10MHz-16QAM-18650-50RB#0-8.931



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

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

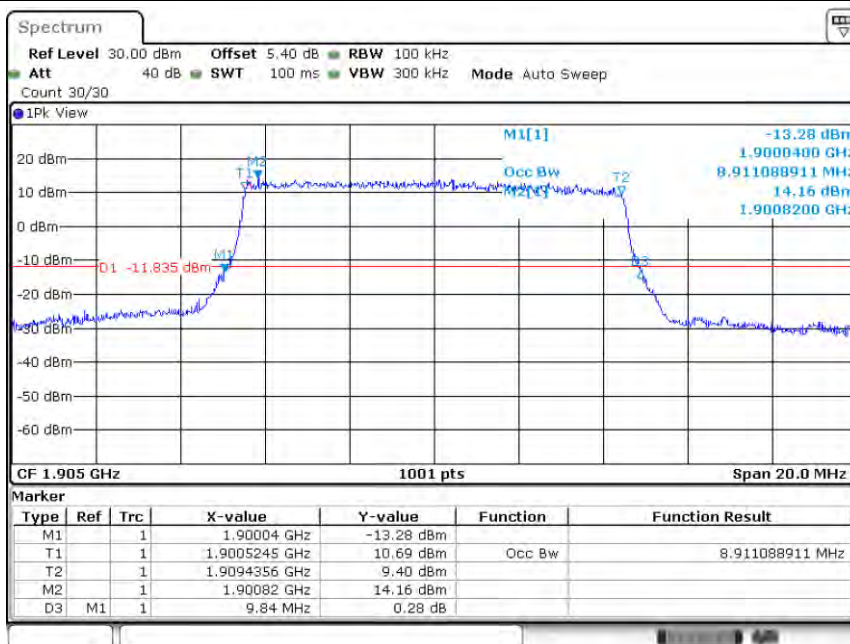


Date: 31.AUG.2020 21:16:09



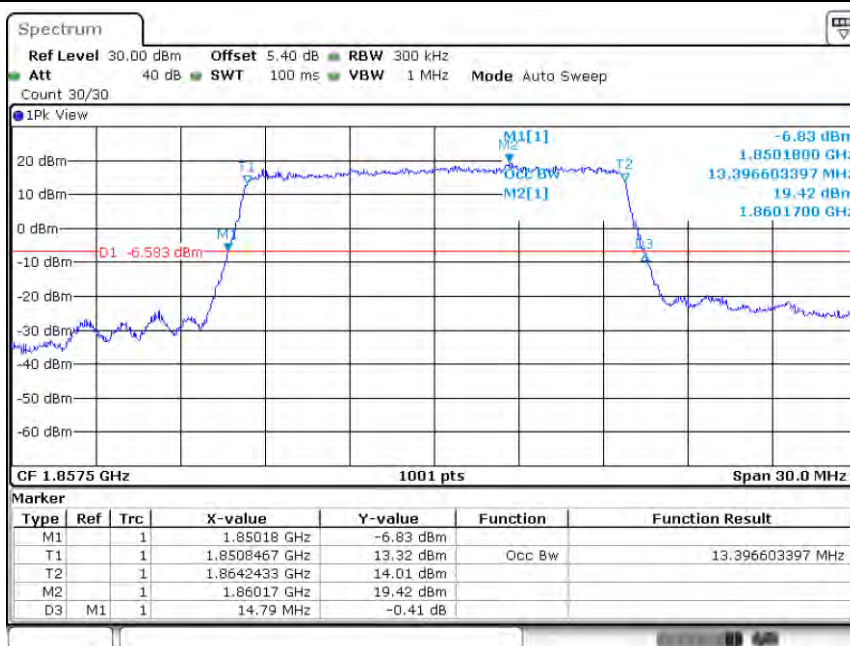


Band2-10MHz-16QAM-19150-50RB#0-8.911



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

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



Date: 31.AUG.2020 21:16:52

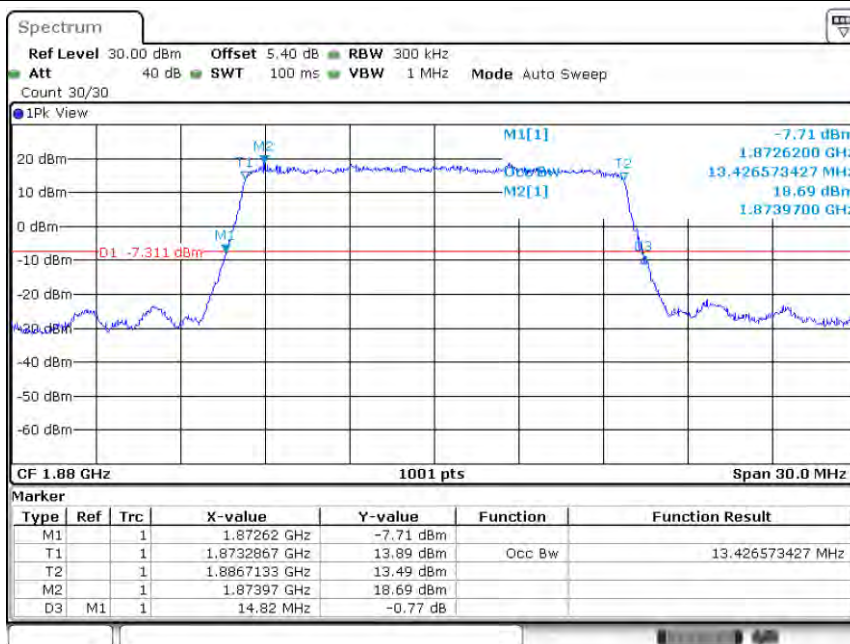


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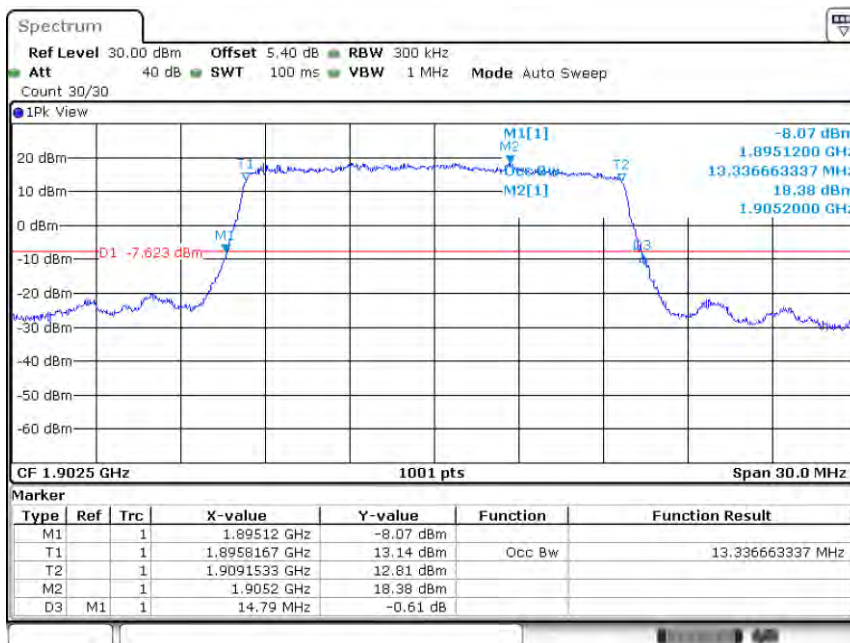


Band2-15MHz-QPSK-18900-75RB#0-13.427



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

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

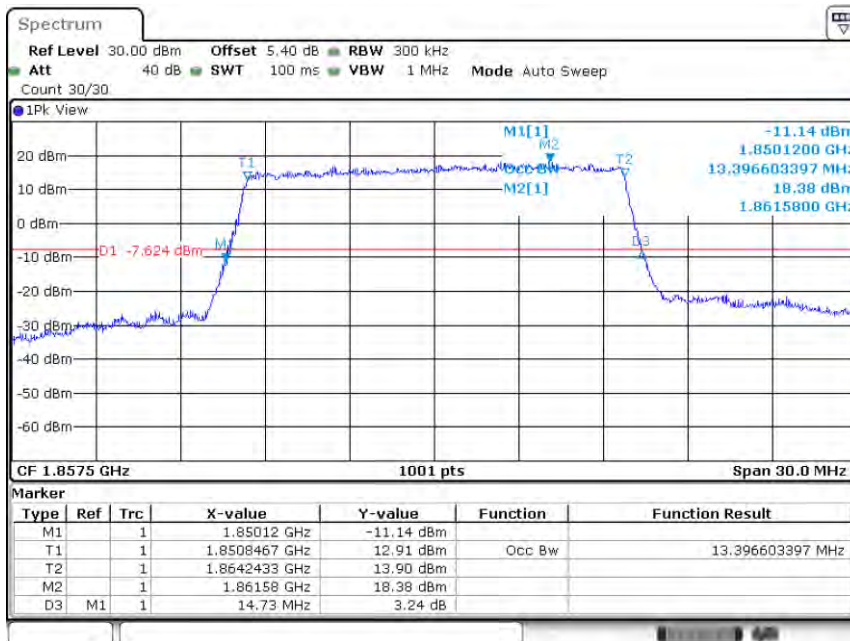


Date: 31.AUG.2020 21:17:43



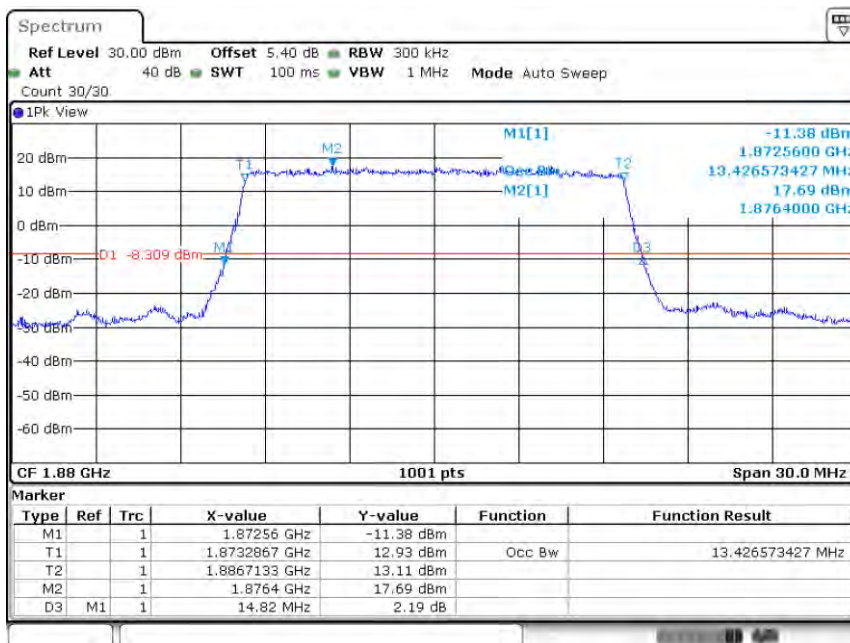


Band2-15MHz-16QAM-18675-75RB#0-13.397



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

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

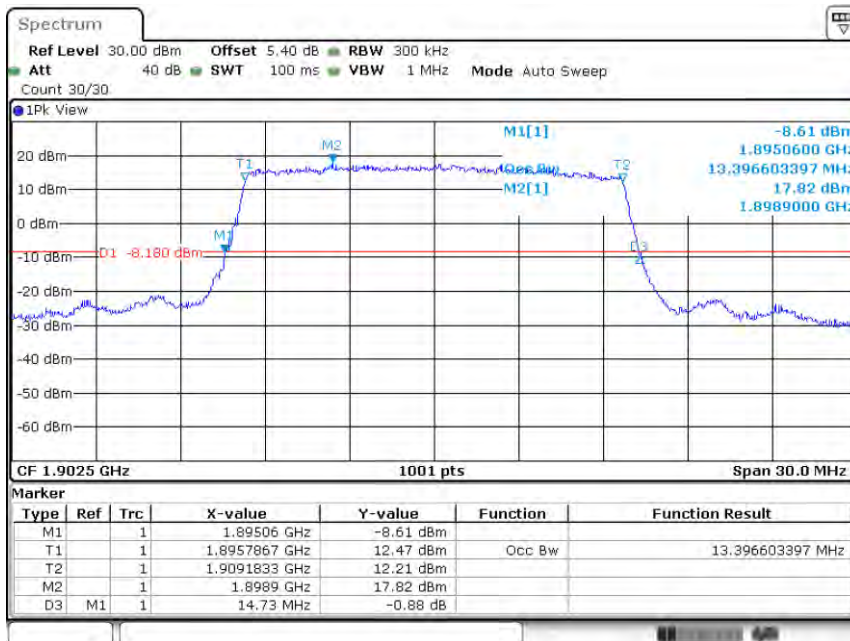


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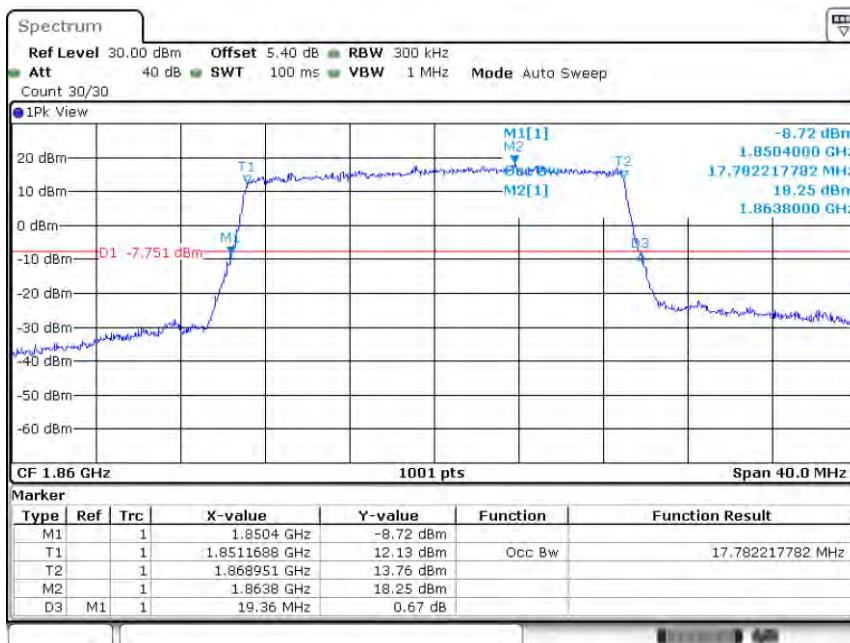


Band2-15MHz-16QAM-19125-75RB#0-13.397



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

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



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

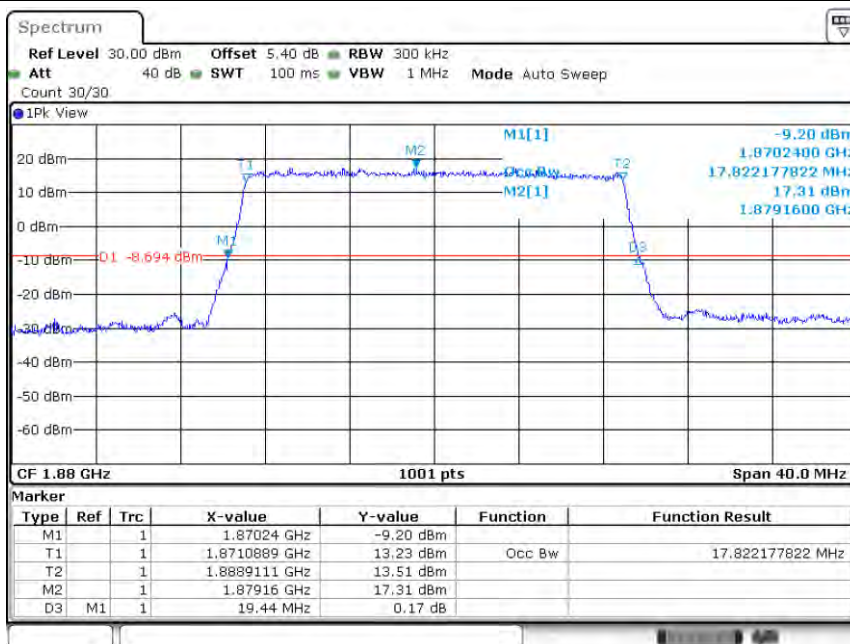


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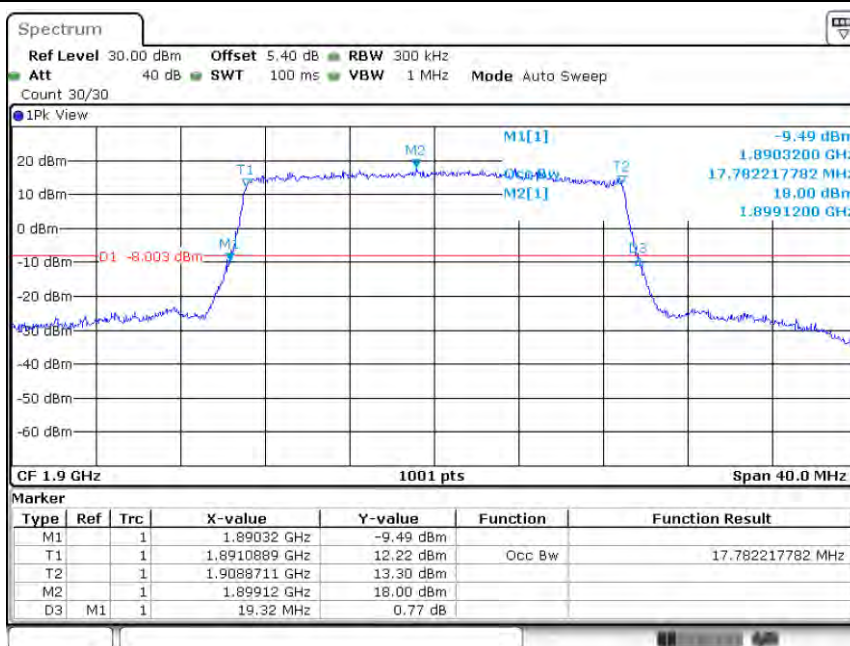


Band2-20MHz-QPSK-18900-100RB#0-17.822



Date: 31.AUG.2020 21:18:38

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



Date: 31.AUG.2020 21:19:03

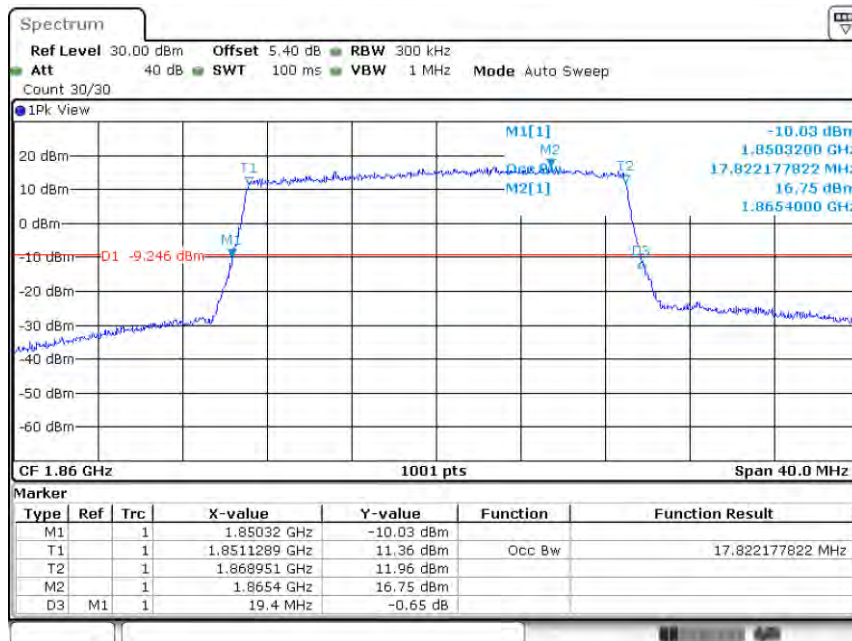


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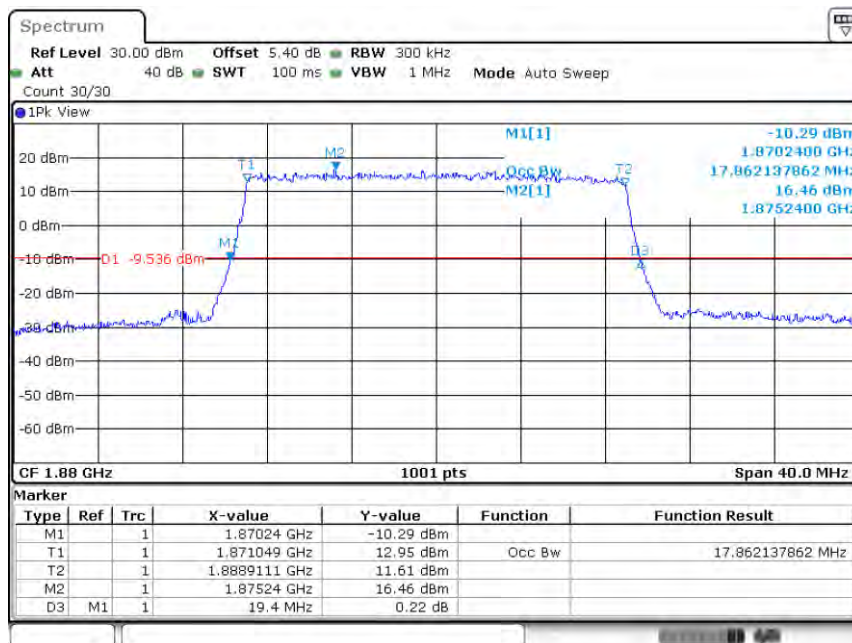


Band2-20MHz-16QAM-18700-100RB#0-17.822



Date: 31.AUG.2020 21:18:25

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

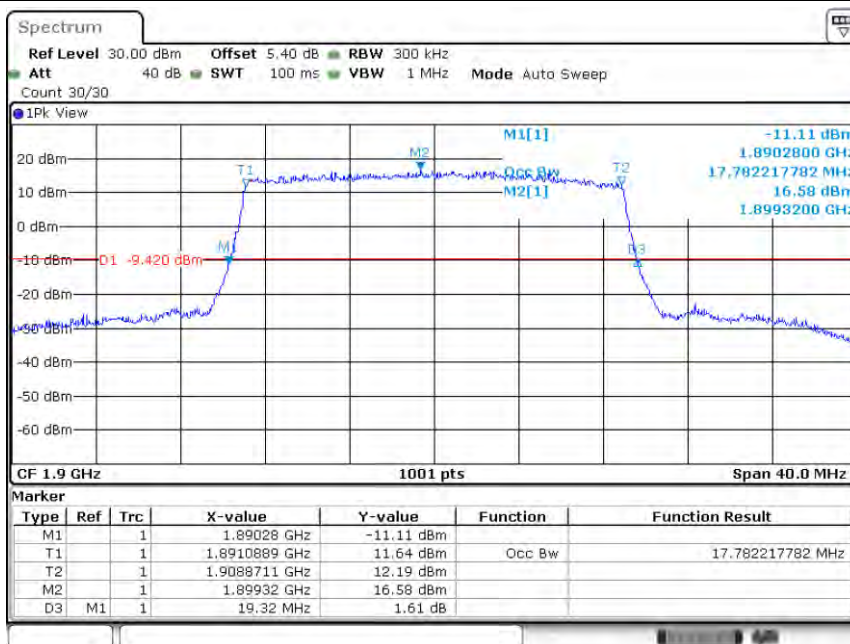


Date: 31.AUG.2020 21:18:50





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



Date: 31.AUG.2020 21:19:16





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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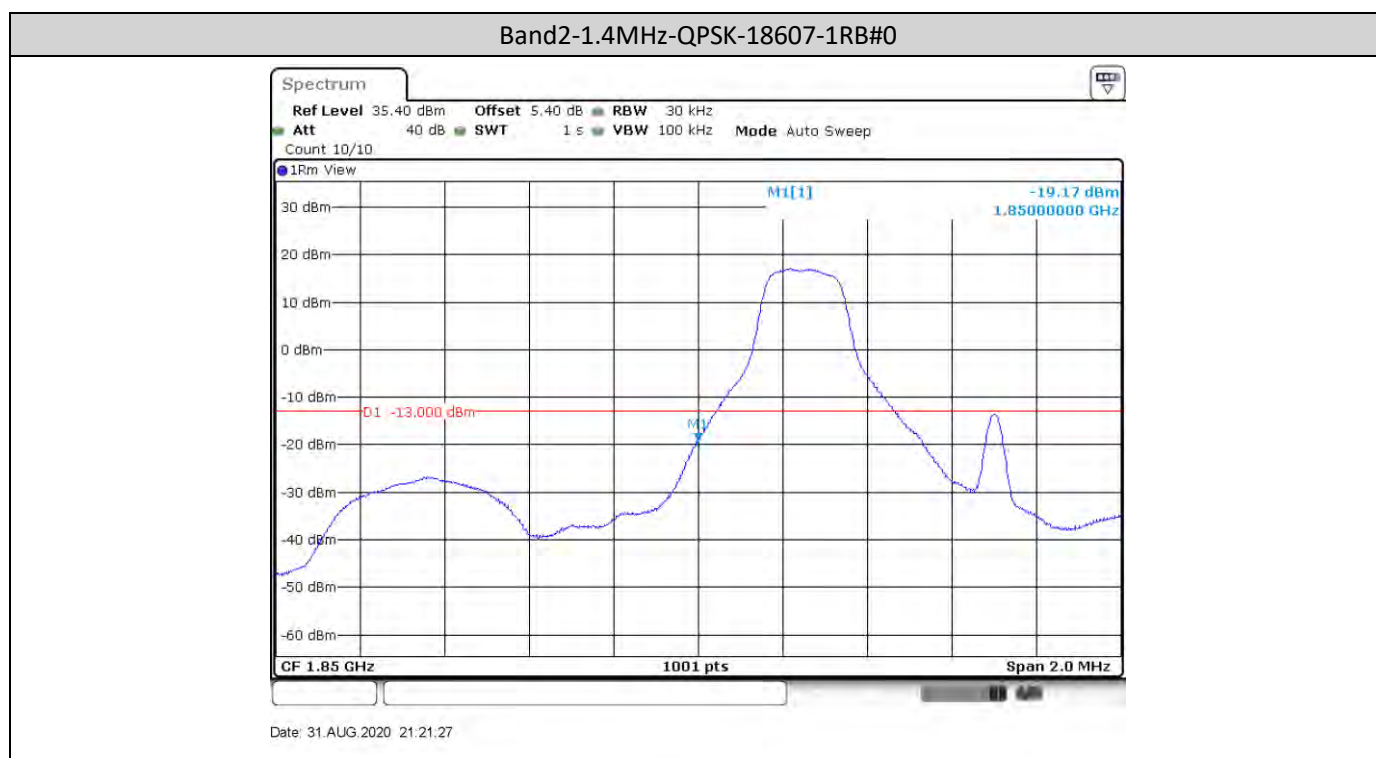
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Band2	15MHz	QPSK	18675	1RB#0	-25.29	PASS
Band2	15MHz	QPSK	18675	75RB#0	-27.48	PASS
Band2	15MHz	QPSK	19125	1RB#74	-24.73	PASS
Band2	15MHz	QPSK	19125	75RB#0	-26.05	PASS
Band2	15MHz	16QAM	18675	1RB#0	-26.65	PASS
Band2	15MHz	16QAM	18675	75RB#0	-30.35	PASS
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-18607-6RB#0



Date: 31 AUG 2020 21:24:20

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



Date: 31 AUG 2020 21:22:54



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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



Date: 31 AUG 2020 21:24:41

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



Date: 31 AUG 2020 21:25:47



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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



Date: 31 AUG 2020 21:29:22

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



Date: 31 AUG 2020 21:26:08



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



Date: 31 AUG 2020 21:29:01

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



Date: 31 AUG 2020 21:27:34



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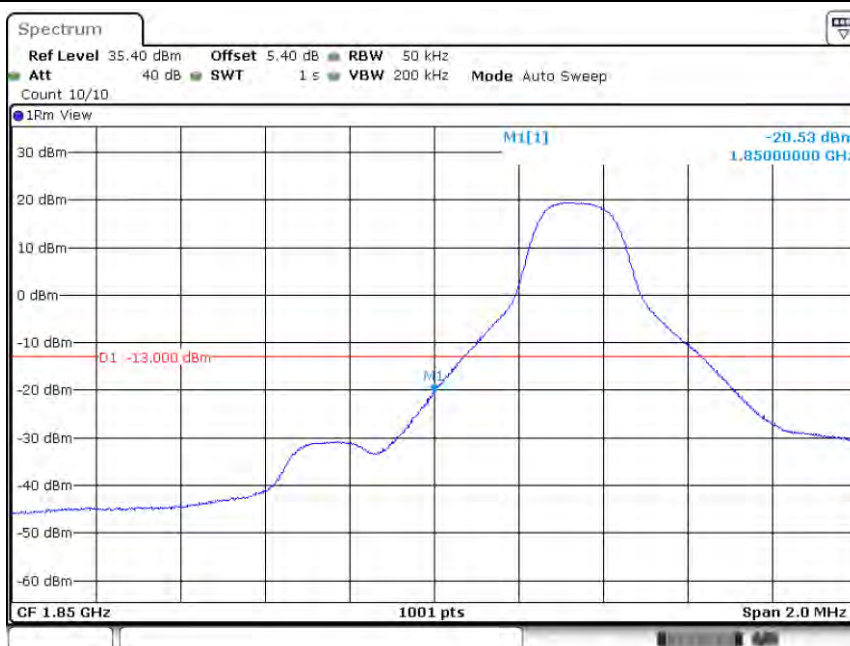
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Band2-3MHz-16QAM-19185-15RB#0



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



Date: 31 AUG 2020 21:31:34





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



Date: 31 AUG 2020 21:33:42

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



Date: 31 AUG 2020 21:30:28



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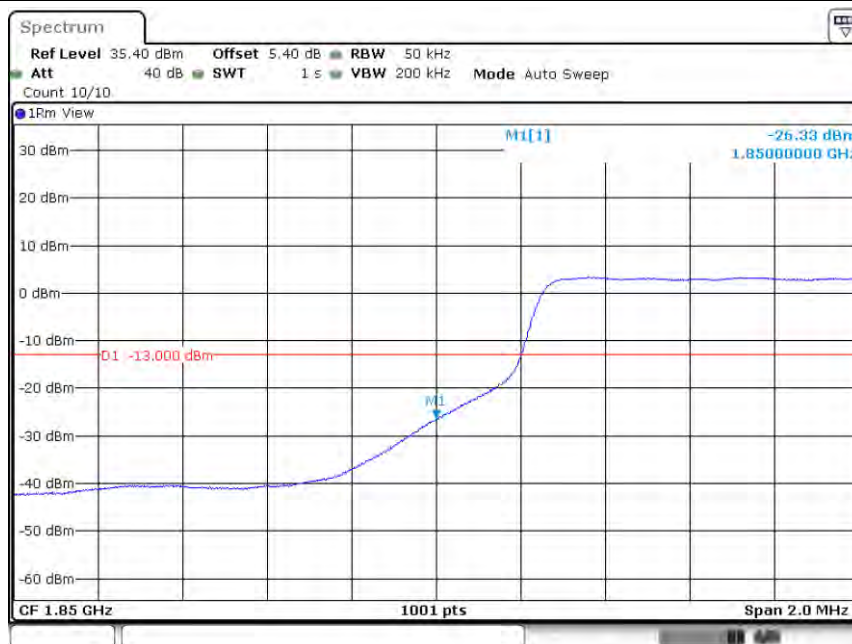
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Band2-5MHz-16QAM-18625-25RB#0



Date: 31 AUG 2020 21:33:21

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



Date: 31 AUG 2020 21:31:55



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



Date: 31 AUG 2020 21:34:02

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



Date: 31 AUG 2020 21:34:28



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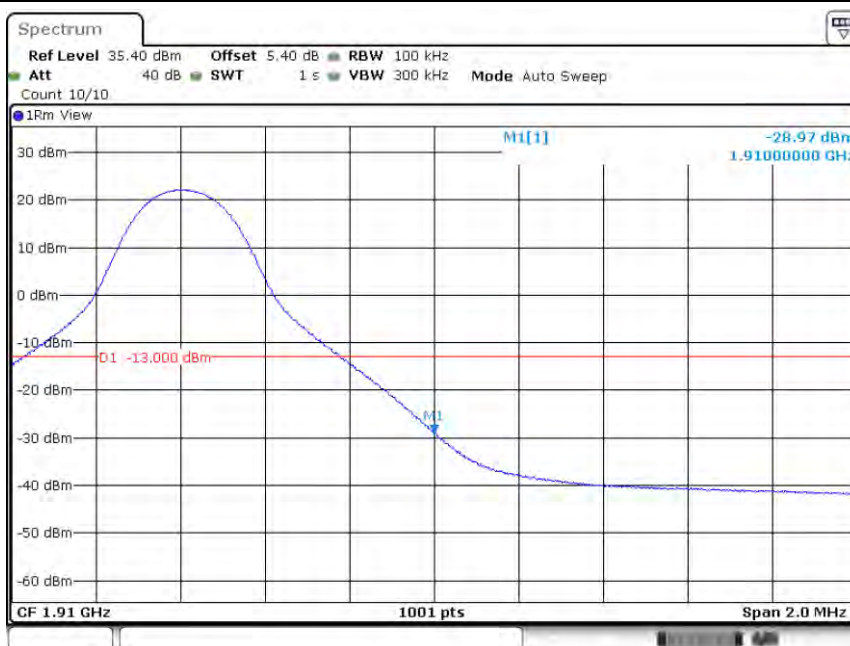
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Band2-10MHz-QPSK-18650-50RB#0



Date: 31 AUG 2020 21:37:20

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



Date: 31 AUG 2020 21:35:54

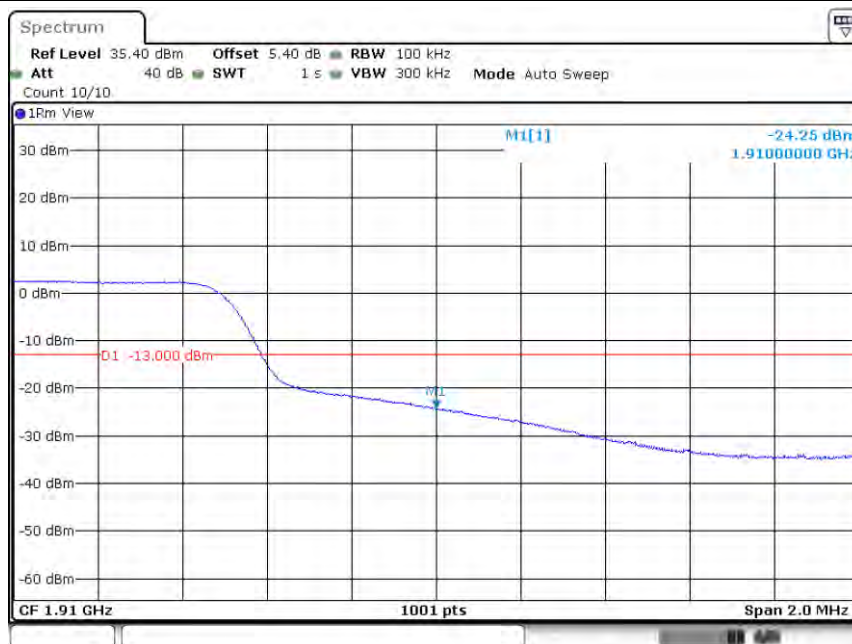


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Band2-10MHz-QPSK-19150-50RB#0



Date: 31 AUG 2020 21:38:02

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

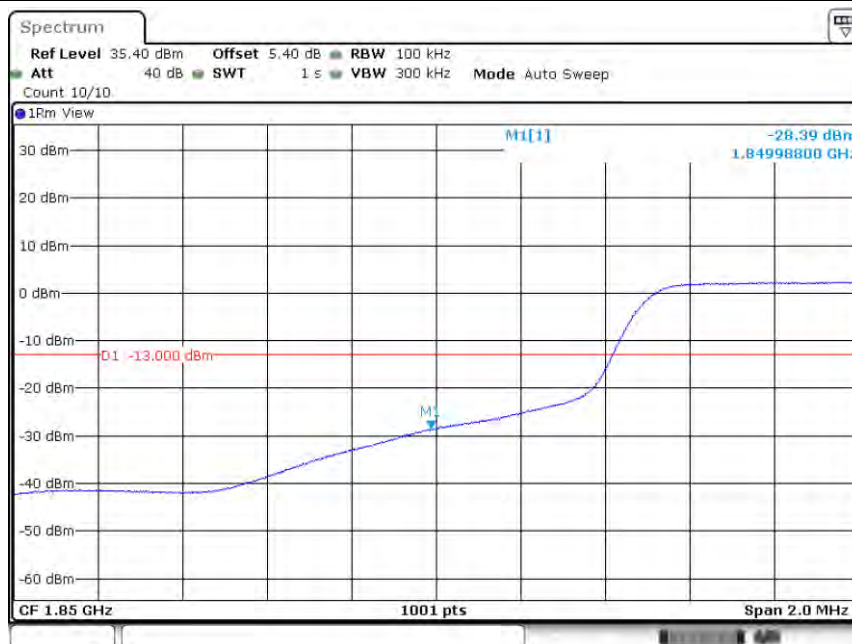


Date: 31 AUG 2020 21:34:48





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

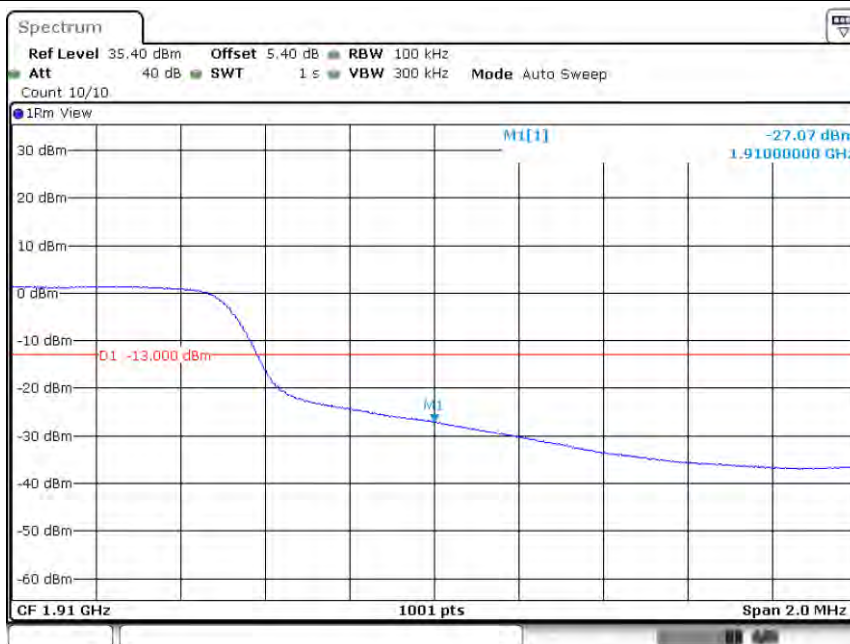


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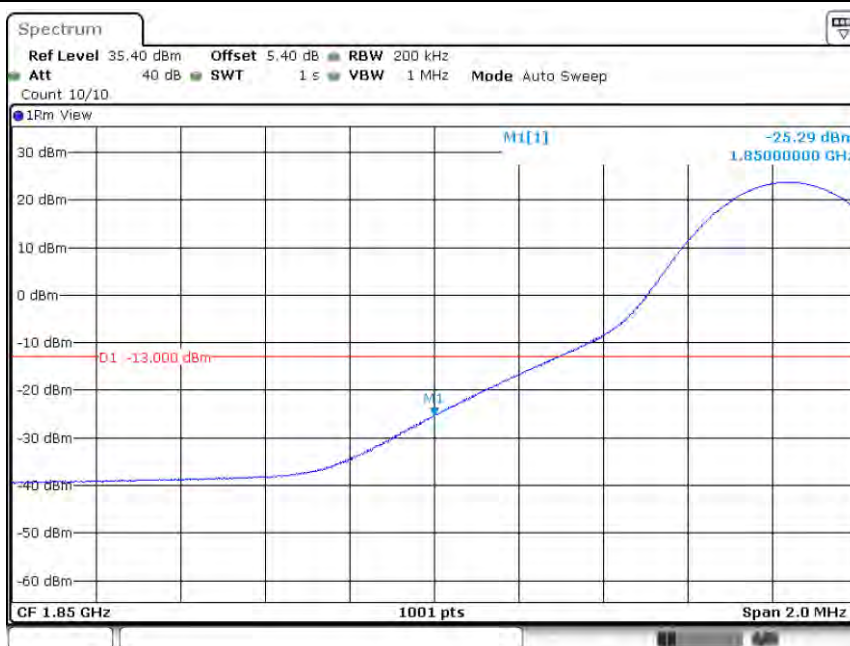


Band2-10MHz-16QAM-19150-50RB#0



Date: 31 AUG 2020 21:38:22

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



Date: 31 AUG 2020 21:38:47



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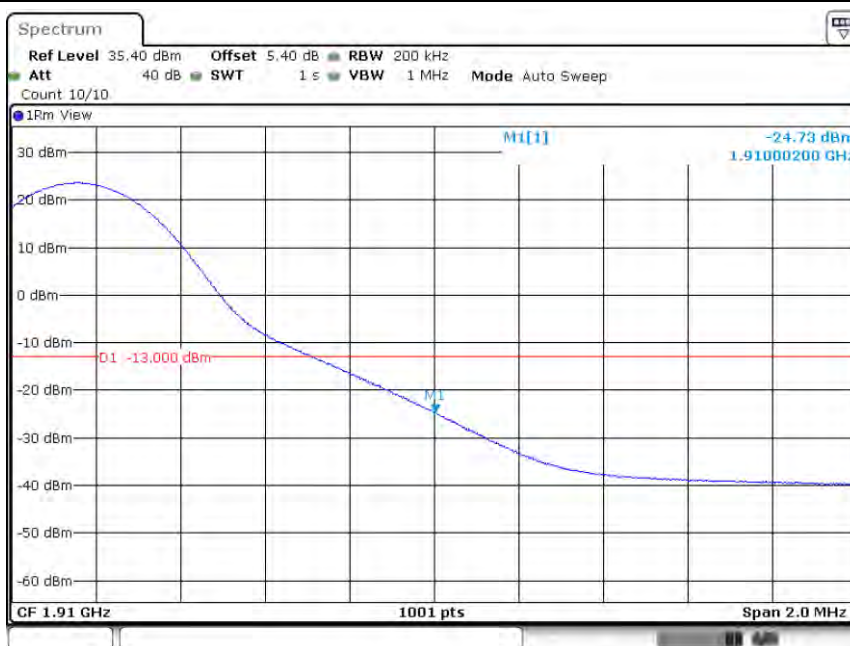


Band2-15MHz-QPSK-18675-75RB#0



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



Date: 31 AUG 2020 21:39:08

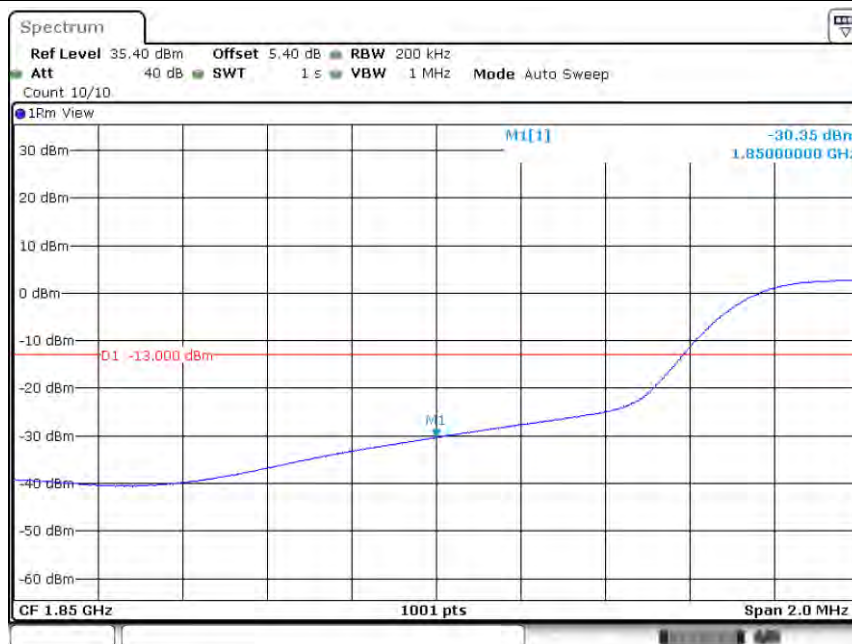


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Band2-15MHz-16QAM-18675-75RB#0



Date: 31 AUG 2020 21:42:00

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



Date: 31 AUG 2020 21:40:34

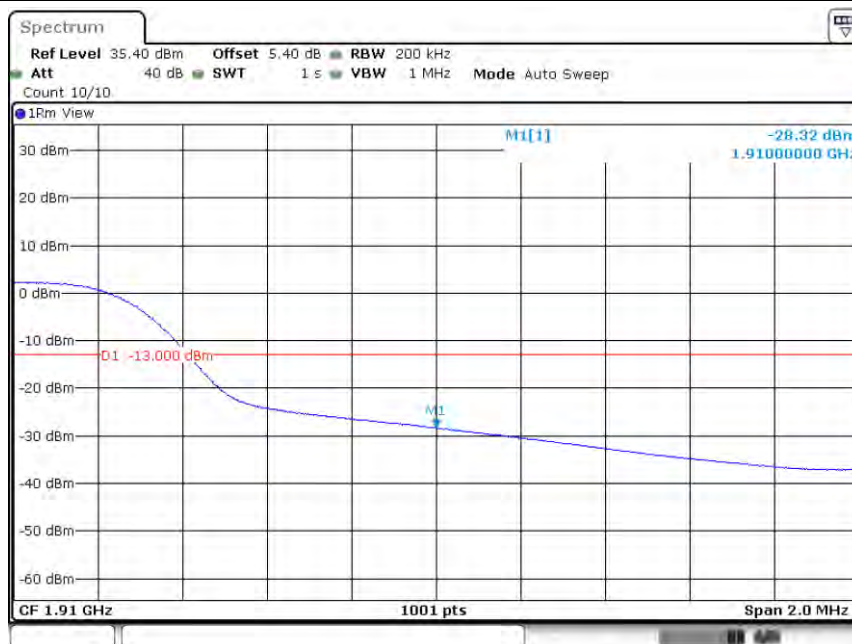


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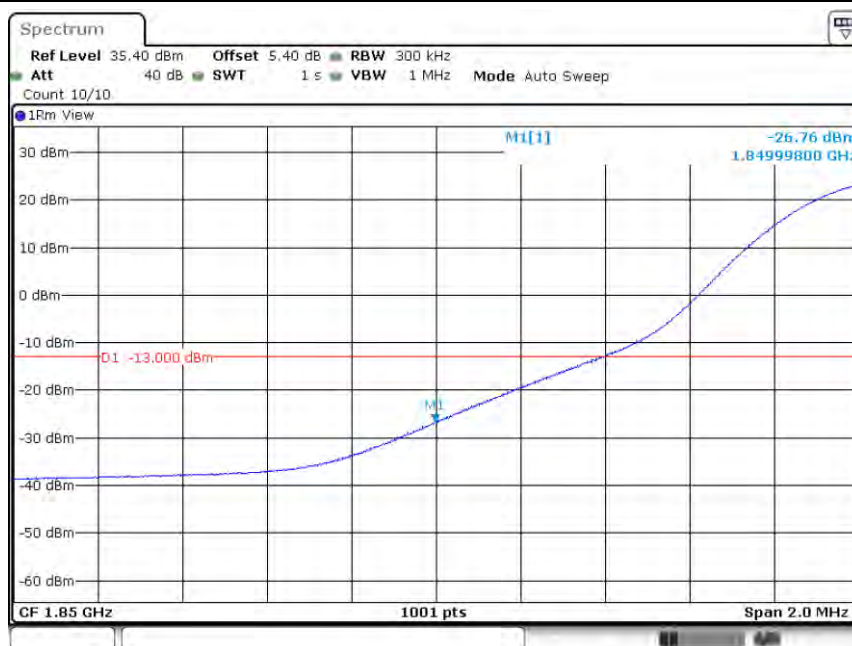


Band2-15MHz-16QAM-19125-75RB#0



Date: 31 AUG 2020 21:42:41

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



Date: 31 AUG 2020 21:43:07



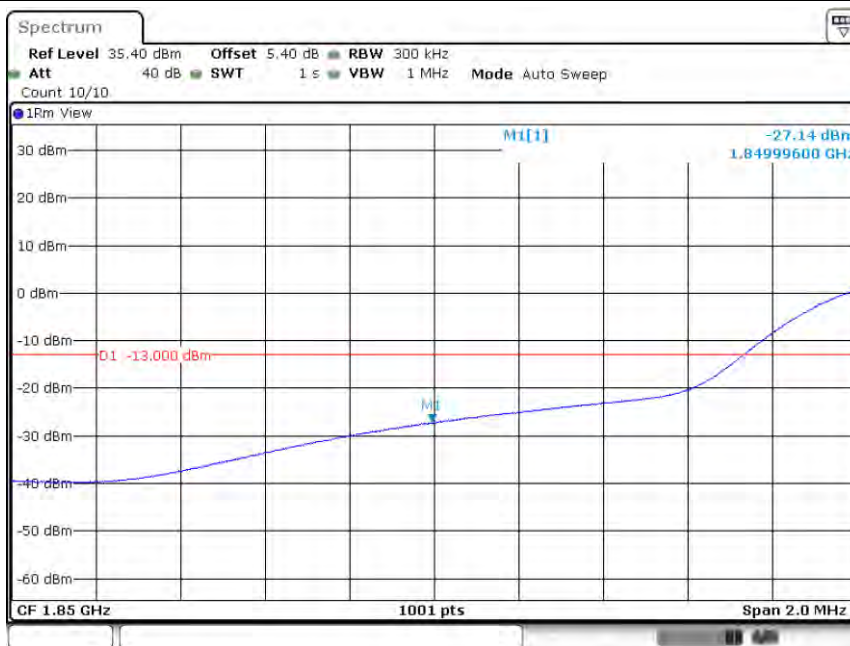
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Band2-20MHz-QPSK-18700-100RB#0



Date: 31 AUG 2020 21:46:00

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



Date: 31 AUG 2020 21:44:33

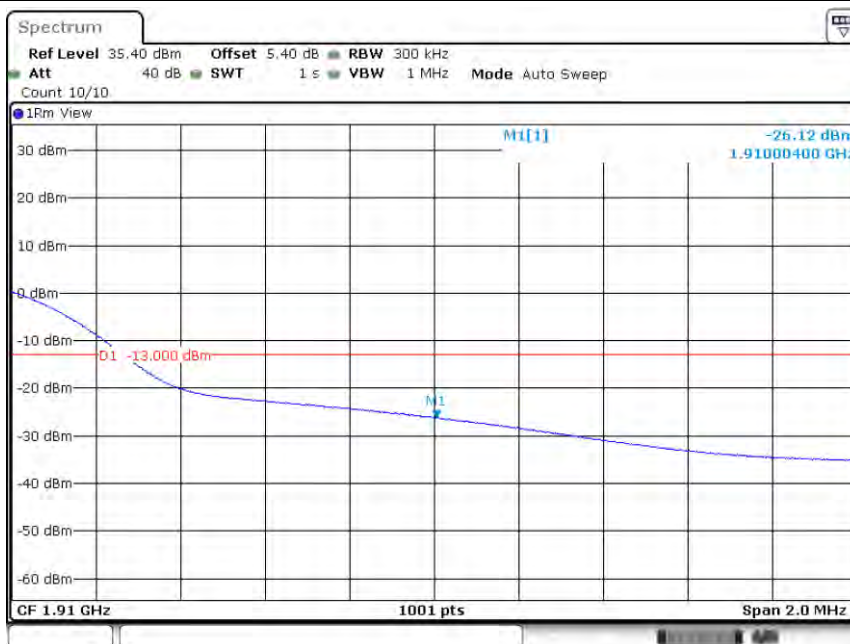


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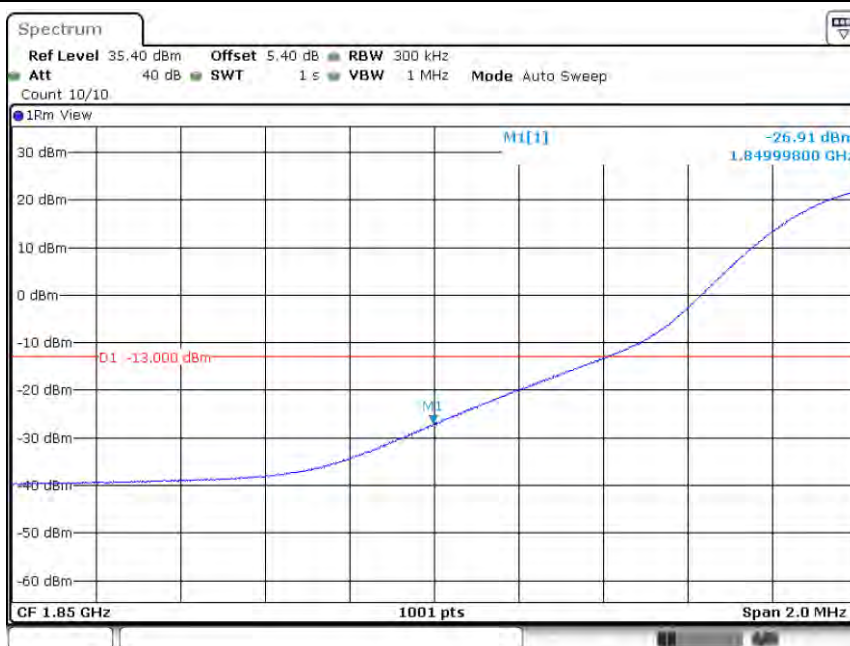


Band2-20MHz-QPSK-19100-100RB#0



Date: 31 AUG 2020 21:46:41

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



Date: 31 AUG 2020 21:43:27

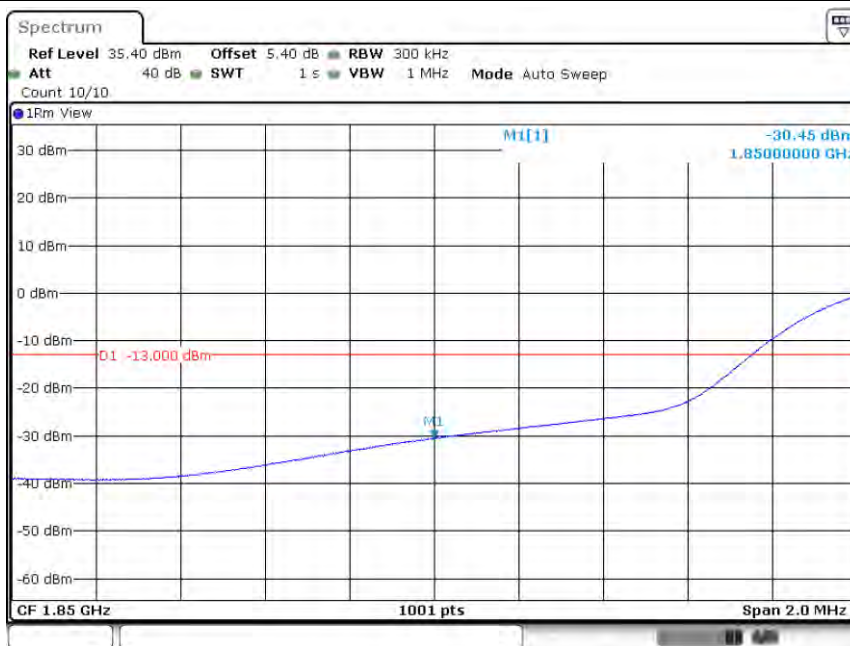


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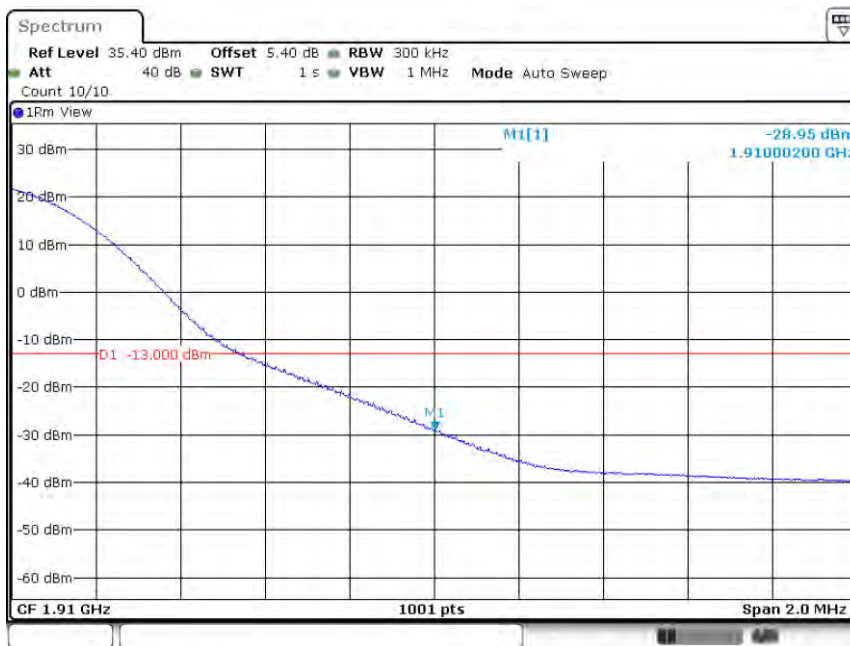


Band2-20MHz-16QAM-18700-100RB#0



Date: 31 AUG 2020 21:46:20

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



Date: 31 AUG 2020 21:44:54

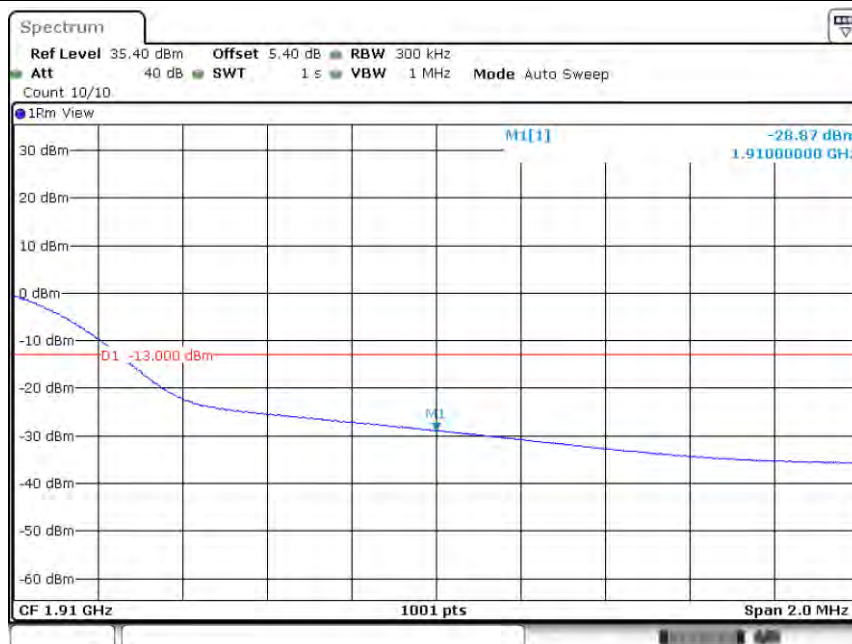


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Band2-20MHz-16QAM-19100-100RB#0



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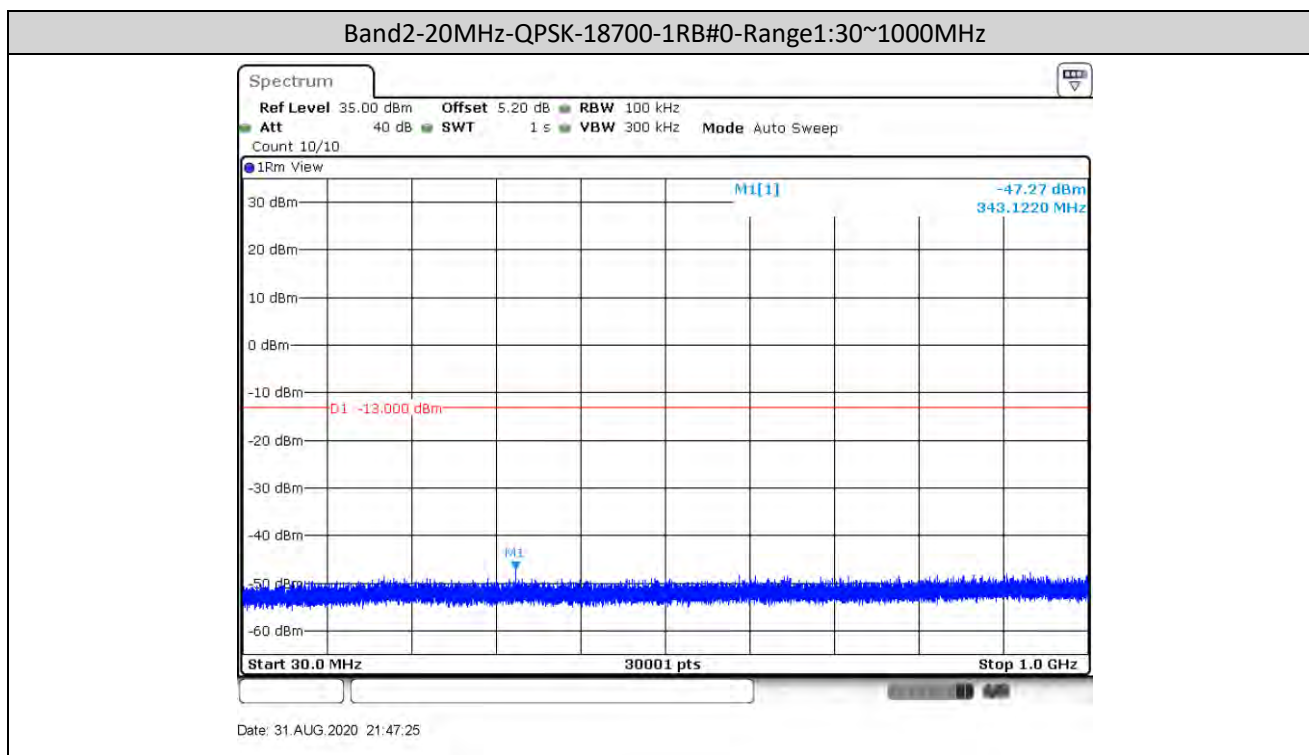


6. Spurious Emission at Antenna Terminal

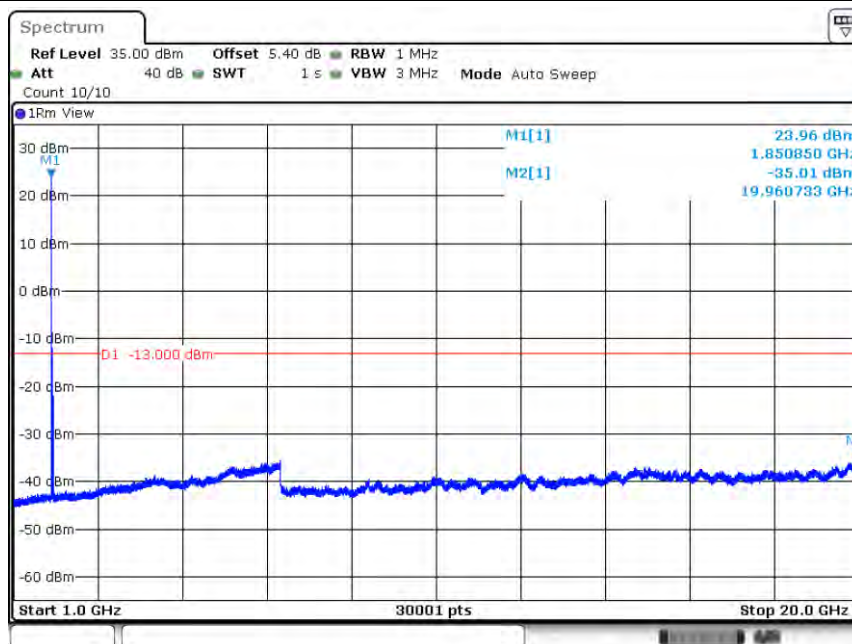
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =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

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

6.1. Test Plots

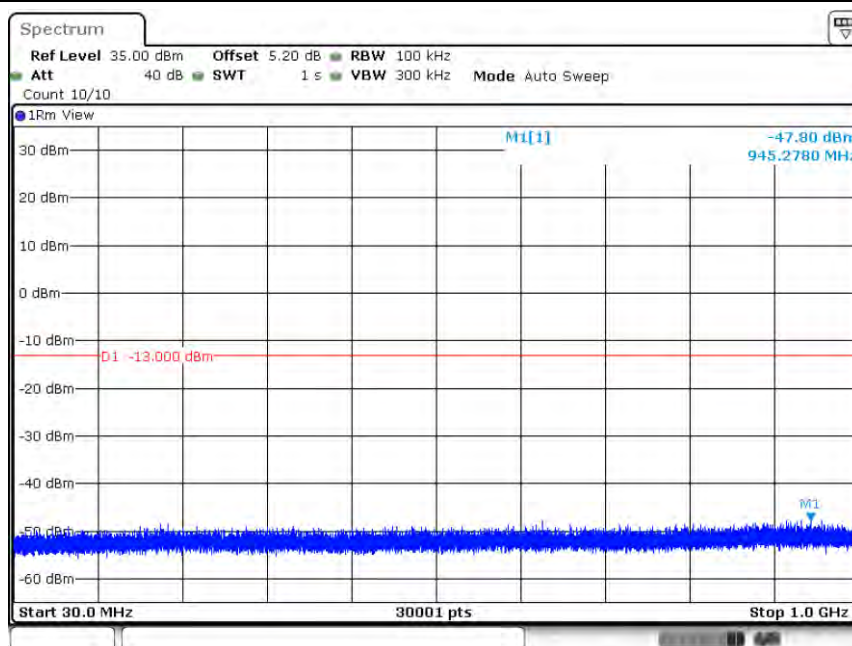


Band2-20MHz-QPSK-18700-1RB#0-Range2:1000~20000MHz



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

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



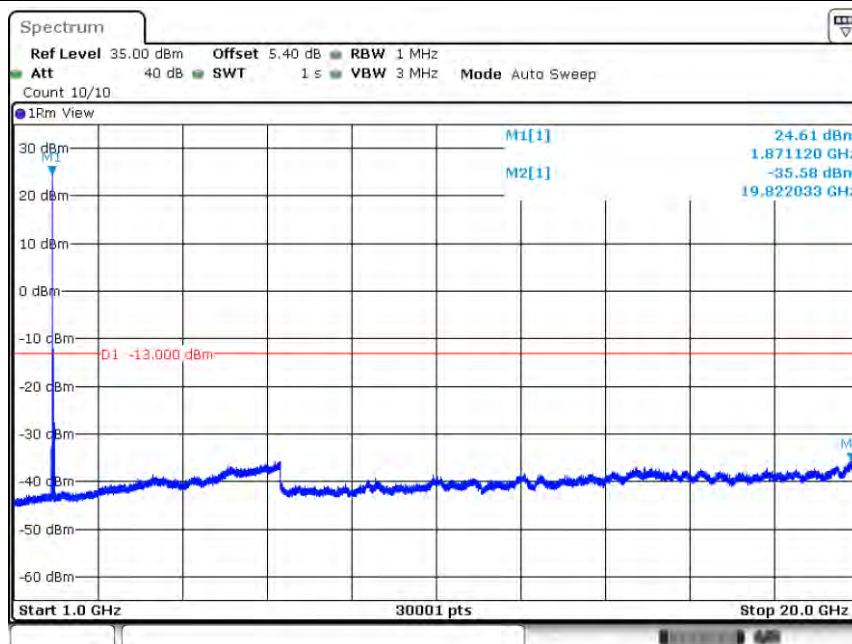
Date: 31.AUG.2020 21:48:35



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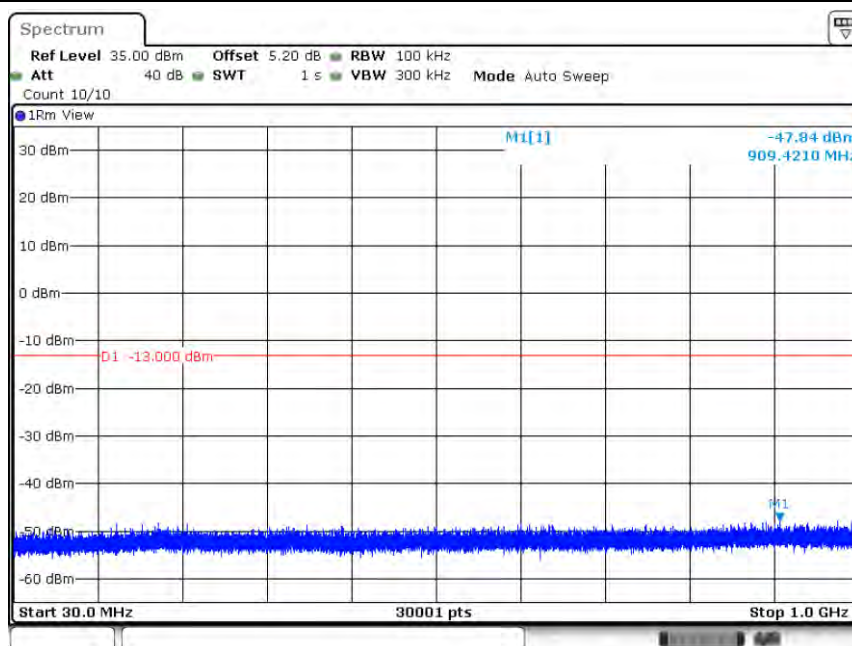
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Band2-20MHz-QPSK-18900-1RB#0-Range2:1000~20000MHz



Date: 31.AUG.2020 21:48:51

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



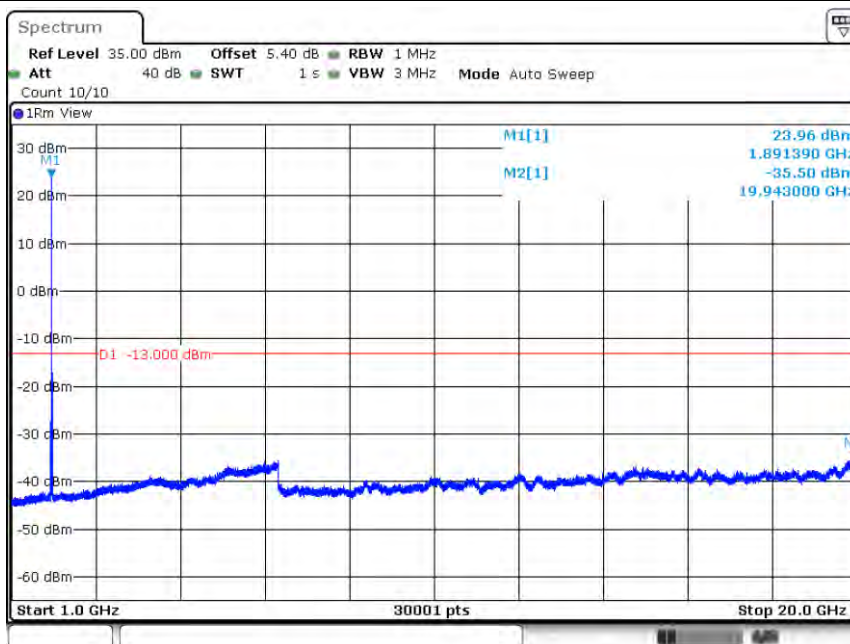
Date: 31.AUG.2020 21:49:45



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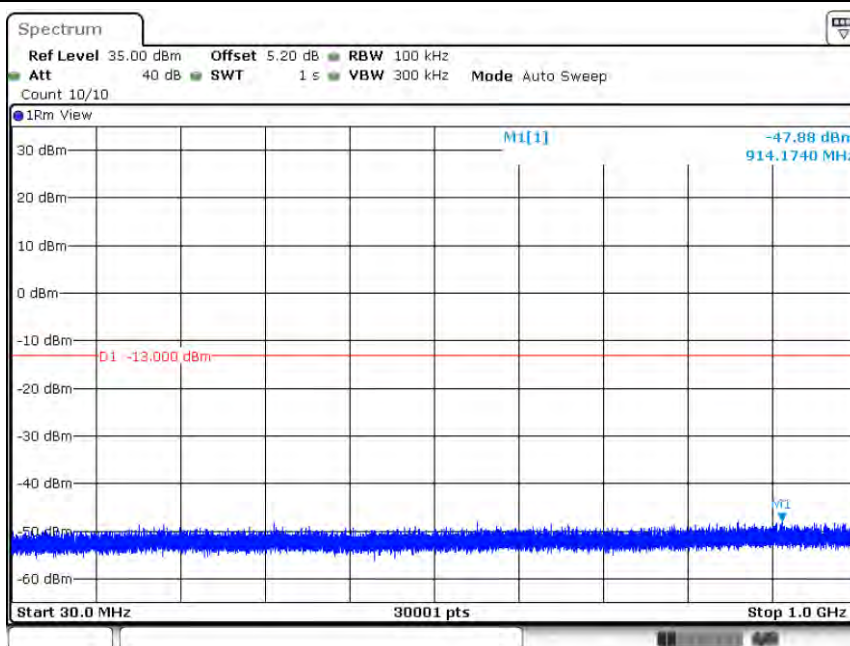
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Band2-20MHz-QPSK-19100-1RB#0-Range2:1000~20000MHz



Date: 31.AUG.2020 21:50:01

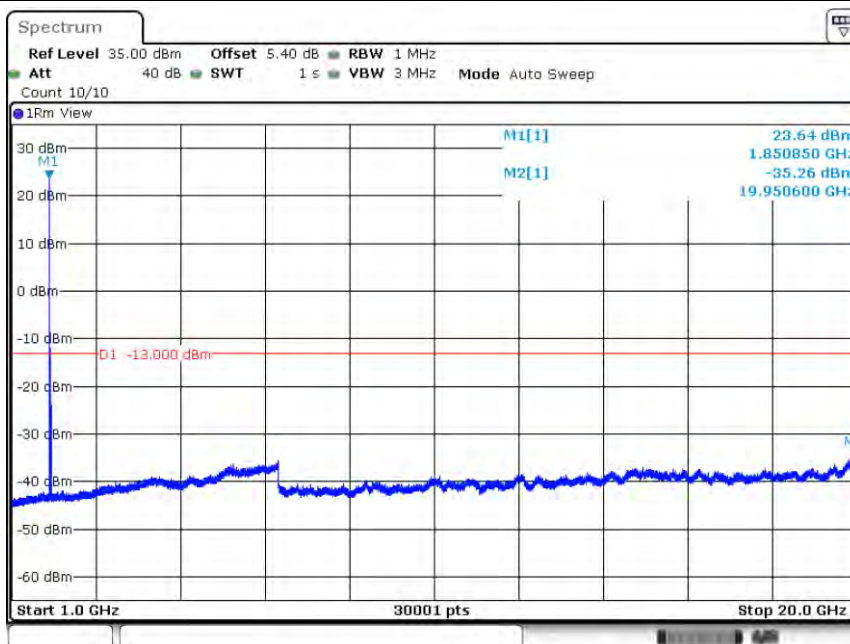
Band2-20MHz-16QAM-18700-1RB#0-Range1:30~1000MHz



Date: 31.AUG.2020 21:48:00

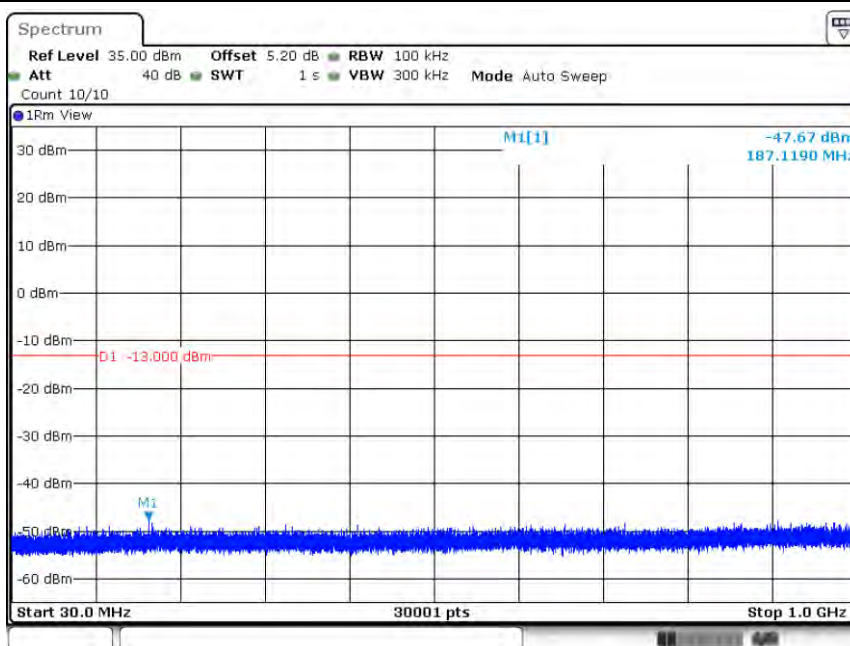


Band2-20MHz-16QAM-18700-1RB#0-Range2:1000~20000MHz



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

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



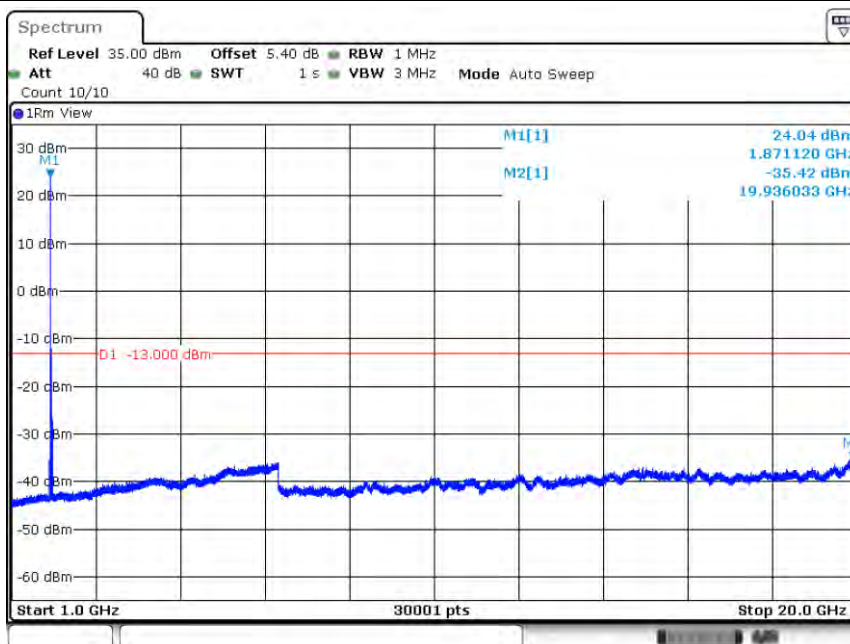
Date: 31.AUG.2020 21:49:10



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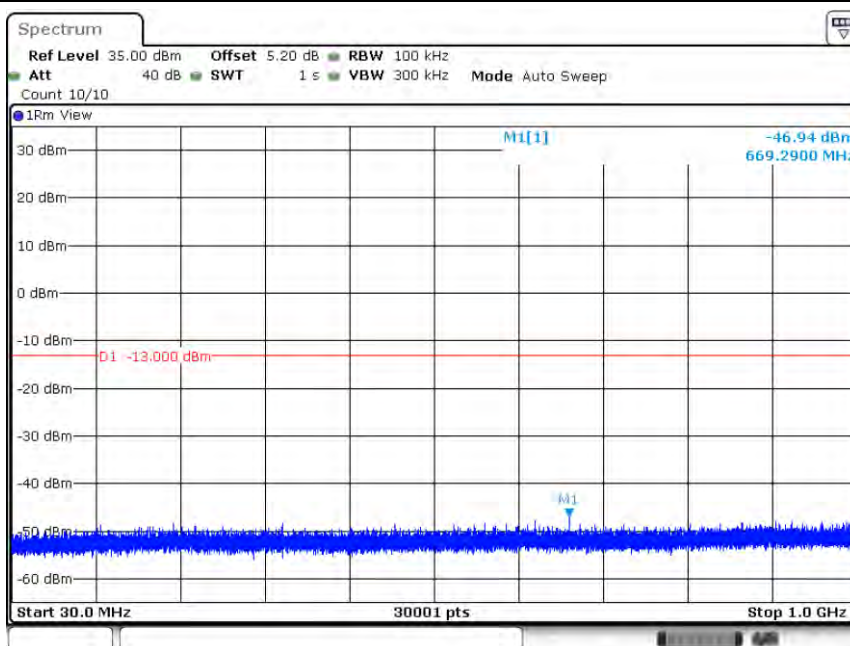
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Band2-20MHz-16QAM-18900-1RB#0-Range2:1000~20000MHz



Date: 31.AUG.2020 21:49:26

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



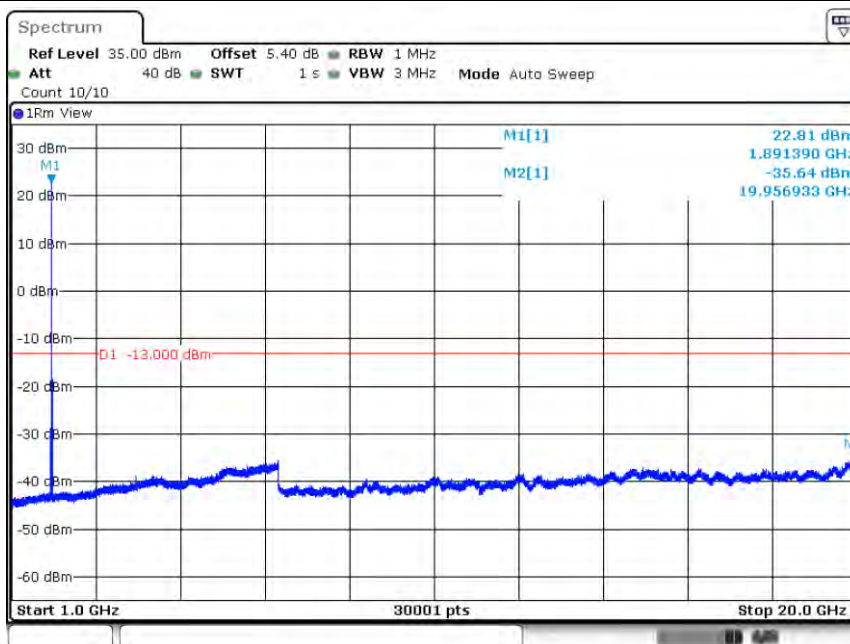
Date: 31.AUG.2020 21:50:20



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



Date: 31 AUG 2020 21:50:36



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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
109.8835	-65.59	-13.00	52.59	Vertical
2699.5399	-37.69	-13.00	24.69	Vertical
3702.0234	-54.34	-13.00	41.34	Vertical
5553.5851	-34.70	-13.00	21.70	Vertical
7404.1468	-43.86	-13.00	30.86	Vertical
17999.0000	-39.94	-13.00	26.94	Vertical
41.9801	-64.80	-13.00	51.80	Horizontal
2698.7397	-36.49	-13.00	23.49	Horizontal
3702.0234	-51.98	-13.00	38.98	Horizontal
5553.0851	-32.33	-13.00	19.33	Horizontal
7404.6468	-49.17	-13.00	36.17	Horizontal
16393.4464	-43.65	-13.00	30.65	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
111.0476	-65.23	-13.00	52.23	Vertical
2703.5407	-37.61	-13.00	24.61	Vertical
3742.5248	-53.40	-13.00	40.40	Vertical
5613.0871	-32.36	-13.00	19.36	Vertical
7484.6495	-43.86	-13.00	30.86	Vertical
17994.4998	-40.32	-13.00	27.32	Vertical
40.3310	-62.71	-13.00	49.71	Horizontal
2696.7393	-36.47	-13.00	23.47	Horizontal
3742.5248	-51.33	-13.00	38.33	Horizontal
5613.0871	-31.66	-13.00	18.66	Horizontal
7484.6495	-47.50	-13.00	34.50	Horizontal
16397.9466	-43.96	-13.00	30.96	Horizontal



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7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
107.7979	-65.31	-13.00	52.31	Vertical
2709.1418	-37.59	-13.00	24.59	Vertical
3782.0261	-46.84	-13.00	33.84	Vertical
5673.0891	-29.44	-13.00	16.44	Vertical
7564.6522	-44.09	-13.00	31.09	Vertical
17997.9999	-40.15	-13.00	27.15	Vertical
44.6962	-63.78	-13.00	50.78	Horizontal
2700.7401	-36.45	-13.00	23.45	Horizontal
3782.0261	-46.46	-13.00	33.46	Horizontal
5673.5891	-28.66	-13.00	15.66	Horizontal
7564.1521	-48.13	-13.00	35.13	Horizontal
16399.9467	-43.66	-13.00	30.66	Horizontal

Remark:

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.
- 3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.



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8. Frequency Stability

8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	VL	NT	1.90	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 (°C)	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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