



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#5	23.04	23.94	33	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	23.96	24.86	33	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	23.94	24.84	33	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	24.00	24.90	33	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	23.73	24.63	33	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	24.63	25.53	33	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.56	23.46	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	21.93	22.83	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	22.19	23.09	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	22.67	23.57	33	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	22.72	23.62	33	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	22.26	23.16	33	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	22.73	23.63	33	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	21.37	22.27	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	21.50	22.40	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	22.17	23.07	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	22.48	23.38	33	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	22.24	23.14	33	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	22.19	23.09	33	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	23.20	24.10	33	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	20.97	21.87	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.39	23.29	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	23.26	24.16	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	23.20	24.10	33	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	23.76	24.66	33	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	22.93	23.83	33	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	23.15	24.05	33	PASS



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Band2	1.4MHz	16QAM	18607	6RB#0	21.78	22.68	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	21.72	22.62	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	20.93	21.83	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	21.53	22.43	33	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	21.20	22.10	33	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	21.91	22.81	33	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	21.59	22.49	33	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	20.45	21.35	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	21.63	22.53	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	20.79	21.69	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	21.73	22.63	33	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	21.33	22.23	33	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	21.38	22.28	33	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	22.35	23.25	33	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	21.06	21.96	33	PASS
Band2	3MHz	QPSK	18615	1RB#14	22.65	23.55	33	PASS
Band2	3MHz	QPSK	18615	1RB#0	24.00	24.90	33	PASS
Band2	3MHz	QPSK	18615	1RB#8	24.07	24.97	33	PASS
Band2	3MHz	QPSK	18615	8RB#0	24.41	25.31	33	PASS
Band2	3MHz	QPSK	18615	8RB#7	24.57	25.47	33	PASS
Band2	3MHz	QPSK	18615	8RB#4	23.92	24.82	33	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.83	23.73	33	PASS
Band2	3MHz	QPSK	18900	1RB#14	21.39	22.29	33	PASS
Band2	3MHz	QPSK	18900	1RB#8	22.94	23.84	33	PASS
Band2	3MHz	QPSK	18900	1RB#0	22.09	22.99	33	PASS
Band2	3MHz	QPSK	18900	8RB#7	22.77	23.67	33	PASS
Band2	3MHz	QPSK	18900	8RB#4	22.81	23.71	33	PASS
Band2	3MHz	QPSK	18900	8RB#0	22.60	23.50	33	PASS
Band2	3MHz	QPSK	18900	15RB#0	21.38	22.28	33	PASS
Band2	3MHz	QPSK	19185	1RB#8	22.50	23.40	33	PASS
Band2	3MHz	QPSK	19185	1RB#14	20.94	21.84	33	PASS
Band2	3MHz	QPSK	19185	1RB#0	22.19	23.09	33	PASS
Band2	3MHz	QPSK	19185	8RB#0	22.52	23.42	33	PASS



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Band2	3MHz	QPSK	19185	8RB#4	22.41	23.31	33	PASS
Band2	3MHz	QPSK	19185	8RB#7	22.68	23.58	33	PASS
Band2	3MHz	QPSK	19185	15RB#0	21.15	22.05	33	PASS
Band2	3MHz	16QAM	18615	1RB#0	23.20	24.10	33	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.02	22.92	33	PASS
Band2	3MHz	16QAM	18615	1RB#8	23.35	24.25	33	PASS
Band2	3MHz	16QAM	18615	8RB#7	23.65	24.55	33	PASS
Band2	3MHz	16QAM	18615	8RB#0	23.48	24.38	33	PASS
Band2	3MHz	16QAM	18615	8RB#4	23.13	24.03	33	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.94	22.84	33	PASS
Band2	3MHz	16QAM	18900	1RB#14	20.66	21.56	33	PASS
Band2	3MHz	16QAM	18900	1RB#8	21.96	22.86	33	PASS
Band2	3MHz	16QAM	18900	1RB#0	21.33	22.23	33	PASS
Band2	3MHz	16QAM	18900	8RB#7	21.87	22.77	33	PASS
Band2	3MHz	16QAM	18900	8RB#0	21.48	22.38	33	PASS
Band2	3MHz	16QAM	18900	8RB#4	21.71	22.61	33	PASS
Band2	3MHz	16QAM	18900	15RB#0	20.50	21.40	33	PASS
Band2	3MHz	16QAM	19185	1RB#0	21.41	22.31	33	PASS
Band2	3MHz	16QAM	19185	1RB#8	21.71	22.61	33	PASS
Band2	3MHz	16QAM	19185	1RB#14	20.33	21.23	33	PASS
Band2	3MHz	16QAM	19185	8RB#4	21.55	22.45	33	PASS
Band2	3MHz	16QAM	19185	8RB#0	21.73	22.63	33	PASS
Band2	3MHz	16QAM	19185	8RB#7	21.79	22.69	33	PASS
Band2	3MHz	16QAM	19185	15RB#0	20.32	21.22	33	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.83	24.73	33	PASS
Band2	5MHz	QPSK	18625	1RB#0	23.66	24.56	33	PASS
Band2	5MHz	QPSK	18625	1RB#12	23.71	24.61	33	PASS
Band2	5MHz	QPSK	18625	12RB#0	24.16	25.06	33	PASS
Band2	5MHz	QPSK	18625	12RB#13	24.32	25.22	33	PASS
Band2	5MHz	QPSK	18625	12RB#6	24.13	25.03	33	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.86	23.76	33	PASS
Band2	5MHz	QPSK	18900	1RB#12	22.49	23.39	33	PASS
Band2	5MHz	QPSK	18900	1RB#24	22.25	23.15	33	PASS



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Band2	5MHz	QPSK	18900	1RB#0	22.20	23.10	33	PASS
Band2	5MHz	QPSK	18900	12RB#13	22.55	23.45	33	PASS
Band2	5MHz	QPSK	18900	12RB#6	22.35	23.25	33	PASS
Band2	5MHz	QPSK	18900	12RB#0	22.33	23.23	33	PASS
Band2	5MHz	QPSK	18900	25RB#0	21.42	22.32	33	PASS
Band2	5MHz	QPSK	19175	1RB#0	22.51	23.41	33	PASS
Band2	5MHz	QPSK	19175	1RB#12	22.13	23.03	33	PASS
Band2	5MHz	QPSK	19175	1RB#24	22.49	23.39	33	PASS
Band2	5MHz	QPSK	19175	12RB#0	22.32	23.22	33	PASS
Band2	5MHz	QPSK	19175	12RB#6	22.26	23.16	33	PASS
Band2	5MHz	QPSK	19175	12RB#13	22.32	23.22	33	PASS
Band2	5MHz	QPSK	19175	25RB#0	21.25	22.15	33	PASS
Band2	5MHz	16QAM	18625	1RB#24	23.02	23.92	33	PASS
Band2	5MHz	16QAM	18625	1RB#0	22.92	23.82	33	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.95	23.85	33	PASS
Band2	5MHz	16QAM	18625	12RB#0	23.25	24.15	33	PASS
Band2	5MHz	16QAM	18625	12RB#13	23.42	24.32	33	PASS
Band2	5MHz	16QAM	18625	12RB#6	23.23	24.13	33	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.99	22.89	33	PASS
Band2	5MHz	16QAM	18900	1RB#12	21.54	22.44	33	PASS
Band2	5MHz	16QAM	18900	1RB#24	21.61	22.51	33	PASS
Band2	5MHz	16QAM	18900	1RB#0	21.58	22.48	33	PASS
Band2	5MHz	16QAM	18900	12RB#13	21.37	22.27	33	PASS
Band2	5MHz	16QAM	18900	12RB#6	21.30	22.20	33	PASS
Band2	5MHz	16QAM	18900	12RB#0	21.26	22.16	33	PASS
Band2	5MHz	16QAM	18900	25RB#0	20.43	21.33	33	PASS
Band2	5MHz	16QAM	19175	1RB#0	21.76	22.66	33	PASS
Band2	5MHz	16QAM	19175	1RB#12	21.51	22.41	33	PASS
Band2	5MHz	16QAM	19175	1RB#24	21.76	22.66	33	PASS
Band2	5MHz	16QAM	19175	12RB#6	21.35	22.25	33	PASS
Band2	5MHz	16QAM	19175	12RB#13	21.38	22.28	33	PASS
Band2	5MHz	16QAM	19175	12RB#0	21.50	22.40	33	PASS
Band2	5MHz	16QAM	19175	25RB#0	21.14	22.04	33	PASS



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Band2	10MHz	QPSK	18650	1RB#0	24.23	25.13	33	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.92	24.82	33	PASS
Band2	10MHz	QPSK	18650	1RB#49	24.18	25.08	33	PASS
Band2	10MHz	QPSK	18650	25RB#0	24.26	25.16	33	PASS
Band2	10MHz	QPSK	18650	25RB#25	24.45	25.35	33	PASS
Band2	10MHz	QPSK	18650	25RB#12	23.98	24.88	33	PASS
Band2	10MHz	QPSK	18650	50RB#0	23.07	23.97	33	PASS
Band2	10MHz	QPSK	18900	1RB#24	22.75	23.65	33	PASS
Band2	10MHz	QPSK	18900	1RB#49	22.80	23.70	33	PASS
Band2	10MHz	QPSK	18900	1RB#0	22.25	23.15	33	PASS
Band2	10MHz	QPSK	18900	25RB#25	22.59	23.49	33	PASS
Band2	10MHz	QPSK	18900	25RB#12	22.70	23.60	33	PASS
Band2	10MHz	QPSK	18900	25RB#0	22.44	23.34	33	PASS
Band2	10MHz	QPSK	18900	50RB#0	21.54	22.44	33	PASS
Band2	10MHz	QPSK	19150	1RB#0	23.21	24.11	33	PASS
Band2	10MHz	QPSK	19150	1RB#49	22.42	23.32	33	PASS
Band2	10MHz	QPSK	19150	1RB#24	22.43	23.33	33	PASS
Band2	10MHz	QPSK	19150	25RB#0	22.52	23.42	33	PASS
Band2	10MHz	QPSK	19150	25RB#25	22.60	23.50	33	PASS
Band2	10MHz	QPSK	19150	25RB#12	22.48	23.38	33	PASS
Band2	10MHz	QPSK	19150	50RB#0	21.48	22.38	33	PASS
Band2	10MHz	16QAM	18650	1RB#49	23.45	24.35	33	PASS
Band2	10MHz	16QAM	18650	1RB#24	23.27	24.17	33	PASS
Band2	10MHz	16QAM	18650	1RB#0	23.52	24.42	33	PASS
Band2	10MHz	16QAM	18650	25RB#12	23.09	23.99	33	PASS
Band2	10MHz	16QAM	18650	25RB#25	23.55	24.45	33	PASS
Band2	10MHz	16QAM	18650	25RB#0	23.29	24.19	33	PASS
Band2	10MHz	16QAM	18650	50RB#0	22.76	23.66	33	PASS
Band2	10MHz	16QAM	18900	1RB#0	21.65	22.55	33	PASS
Band2	10MHz	16QAM	18900	1RB#24	21.78	22.68	33	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.13	23.03	33	PASS
Band2	10MHz	16QAM	18900	25RB#12	21.56	22.46	33	PASS
Band2	10MHz	16QAM	18900	25RB#0	21.25	22.15	33	PASS



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Band2	10MHz	16QAM	18900	25RB#25	21.48	22.38	33	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.45	22.35	33	PASS
Band2	10MHz	16QAM	19150	1RB#0	22.45	23.35	33	PASS
Band2	10MHz	16QAM	19150	1RB#24	21.65	22.55	33	PASS
Band2	10MHz	16QAM	19150	1RB#49	21.62	22.52	33	PASS
Band2	10MHz	16QAM	19150	25RB#25	21.64	22.54	33	PASS
Band2	10MHz	16QAM	19150	25RB#0	21.75	22.65	33	PASS
Band2	10MHz	16QAM	19150	25RB#12	21.55	22.45	33	PASS
Band2	10MHz	16QAM	19150	50RB#0	21.44	22.34	33	PASS
Band2	15MHz	QPSK	18675	1RB#0	24.19	25.09	33	PASS
Band2	15MHz	QPSK	18675	1RB#38	23.99	24.89	33	PASS
Band2	15MHz	QPSK	18675	1RB#74	23.64	24.54	33	PASS
Band2	15MHz	QPSK	18675	36RB#39	24.23	25.13	33	PASS
Band2	15MHz	QPSK	18675	36RB#18	24.64	25.54	33	PASS
Band2	15MHz	QPSK	18675	36RB#0	24.54	25.44	33	PASS
Band2	15MHz	QPSK	18675	75RB#0	23.15	24.05	33	PASS
Band2	15MHz	QPSK	18900	1RB#74	22.96	23.86	33	PASS
Band2	15MHz	QPSK	18900	1RB#0	22.60	23.50	33	PASS
Band2	15MHz	QPSK	18900	1RB#38	22.60	23.50	33	PASS
Band2	15MHz	QPSK	18900	36RB#18	22.60	23.50	33	PASS
Band2	15MHz	QPSK	18900	36RB#39	22.94	23.84	33	PASS
Band2	15MHz	QPSK	18900	36RB#0	22.58	23.48	33	PASS
Band2	15MHz	QPSK	18900	75RB#0	21.63	22.53	33	PASS
Band2	15MHz	QPSK	19125	1RB#0	23.67	24.57	33	PASS
Band2	15MHz	QPSK	19125	1RB#38	22.64	23.54	33	PASS
Band2	15MHz	QPSK	19125	1RB#74	22.44	23.34	33	PASS
Band2	15MHz	QPSK	19125	36RB#0	23.33	24.23	33	PASS
Band2	15MHz	QPSK	19125	36RB#18	22.80	23.70	33	PASS
Band2	15MHz	QPSK	19125	36RB#39	23.29	24.19	33	PASS
Band2	15MHz	QPSK	19125	75RB#0	21.92	22.82	33	PASS
Band2	15MHz	16QAM	18675	1RB#0	23.44	24.34	33	PASS
Band2	15MHz	16QAM	18675	1RB#38	23.39	24.29	33	PASS
Band2	15MHz	16QAM	18675	1RB#74	23.01	23.91	33	PASS



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Band2	15MHz	16QAM	18675	36RB#0	23.56	24.46	33	PASS
Band2	15MHz	16QAM	18675	36RB#18	23.75	24.65	33	PASS
Band2	15MHz	16QAM	18675	36RB#39	23.38	24.28	33	PASS
Band2	15MHz	16QAM	18675	75RB#0	23.09	23.99	33	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.16	23.06	33	PASS
Band2	15MHz	16QAM	18900	1RB#0	21.69	22.59	33	PASS
Band2	15MHz	16QAM	18900	1RB#38	21.69	22.59	33	PASS
Band2	15MHz	16QAM	18900	36RB#39	21.72	22.62	33	PASS
Band2	15MHz	16QAM	18900	36RB#0	21.51	22.41	33	PASS
Band2	15MHz	16QAM	18900	36RB#18	21.42	22.32	33	PASS
Band2	15MHz	16QAM	18900	75RB#0	22.24	23.14	33	PASS
Band2	15MHz	16QAM	19125	1RB#74	21.59	22.49	33	PASS
Band2	15MHz	16QAM	19125	1RB#0	22.72	23.62	33	PASS
Band2	15MHz	16QAM	19125	1RB#38	22.01	22.91	33	PASS
Band2	15MHz	16QAM	19125	36RB#0	22.44	23.34	33	PASS
Band2	15MHz	16QAM	19125	36RB#18	21.67	22.57	33	PASS
Band2	15MHz	16QAM	19125	36RB#39	22.31	23.21	33	PASS
Band2	15MHz	16QAM	19125	75RB#0	22.36	23.26	33	PASS
Band2	20MHz	QPSK	18700	1RB#49	24.07	24.97	33	PASS
Band2	20MHz	QPSK	18700	1RB#99	23.09	23.99	33	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.81	24.71	33	PASS
Band2	20MHz	QPSK	18700	50RB#50	24.25	25.15	33	PASS
Band2	20MHz	QPSK	18700	50RB#25	24.69	25.59	33	PASS
Band2	20MHz	QPSK	18700	50RB#0	24.71	25.61	33	PASS
Band2	20MHz	QPSK	18700	100RB#0	22.75	23.65	33	PASS
Band2	20MHz	QPSK	18900	1RB#49	22.84	23.74	33	PASS
Band2	20MHz	QPSK	18900	1RB#99	23.25	24.15	33	PASS
Band2	20MHz	QPSK	18900	1RB#0	23.11	24.01	33	PASS
Band2	20MHz	QPSK	18900	50RB#25	23.62	24.52	33	PASS
Band2	20MHz	QPSK	18900	50RB#50	23.42	24.32	33	PASS
Band2	20MHz	QPSK	18900	50RB#0	22.80	23.70	33	PASS
Band2	20MHz	QPSK	18900	100RB#0	21.57	22.47	33	PASS
Band2	20MHz	QPSK	19100	1RB#99	22.44	23.34	33	PASS



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Band2	20MHz	QPSK	19100	1RB#49	23.26	24.16	33	PASS
Band2	20MHz	QPSK	19100	1RB#0	23.74	24.64	33	PASS
Band2	20MHz	QPSK	19100	50RB#0	23.75	24.65	33	PASS
Band2	20MHz	QPSK	19100	50RB#50	23.25	24.15	33	PASS
Band2	20MHz	QPSK	19100	50RB#25	24.42	25.32	33	PASS
Band2	20MHz	QPSK	19100	100RB#0	21.86	22.76	33	PASS
Band2	20MHz	16QAM	18700	1RB#0	23.07	23.97	33	PASS
Band2	20MHz	16QAM	18700	1RB#49	23.39	24.29	33	PASS
Band2	20MHz	16QAM	18700	1RB#99	22.43	23.33	33	PASS
Band2	20MHz	16QAM	18700	50RB#0	22.60	23.50	33	PASS
Band2	20MHz	16QAM	18700	50RB#25	22.61	23.51	33	PASS
Band2	20MHz	16QAM	18700	50RB#50	22.56	23.46	33	PASS
Band2	20MHz	16QAM	18700	100RB#0	22.56	23.46	33	PASS
Band2	20MHz	16QAM	18900	1RB#0	22.32	23.22	33	PASS
Band2	20MHz	16QAM	18900	1RB#49	21.78	22.68	33	PASS
Band2	20MHz	16QAM	18900	1RB#99	22.48	23.38	33	PASS
Band2	20MHz	16QAM	18900	50RB#0	22.24	23.14	33	PASS
Band2	20MHz	16QAM	18900	50RB#25	22.25	23.15	33	PASS
Band2	20MHz	16QAM	18900	50RB#50	22.24	23.14	33	PASS
Band2	20MHz	16QAM	18900	100RB#0	22.25	23.15	33	PASS
Band2	20MHz	16QAM	19100	1RB#0	22.96	23.86	33	PASS
Band2	20MHz	16QAM	19100	1RB#49	22.45	23.35	33	PASS
Band2	20MHz	16QAM	19100	1RB#99	21.53	22.43	33	PASS
Band2	20MHz	16QAM	19100	50RB#50	22.05	22.95	33	PASS
Band2	20MHz	16QAM	19100	50RB#25	21.93	22.83	33	PASS
Band2	20MHz	16QAM	19100	50RB#0	21.84	22.74	33	PASS
Band2	20MHz	16QAM	19100	100RB#0	21.83	22.73	33	PASS

Remark:

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

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

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



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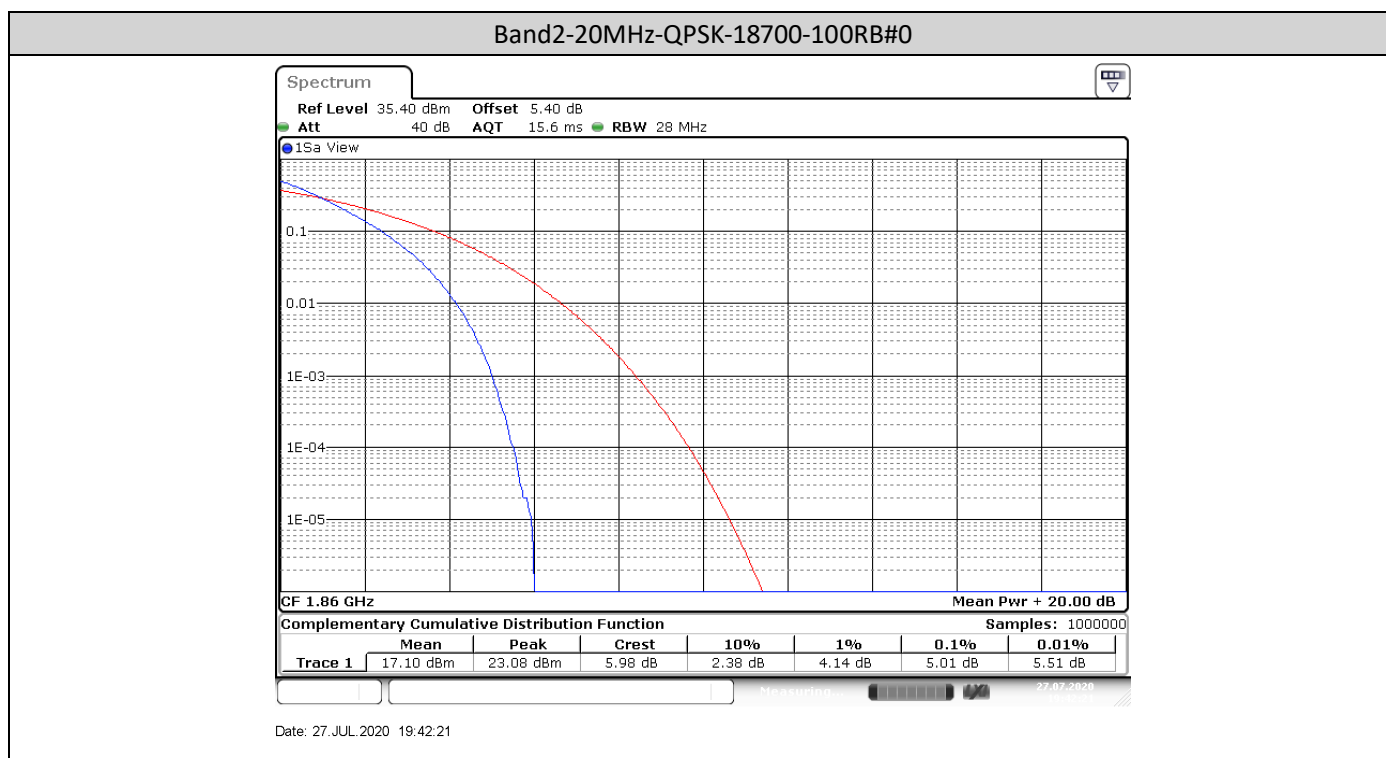


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

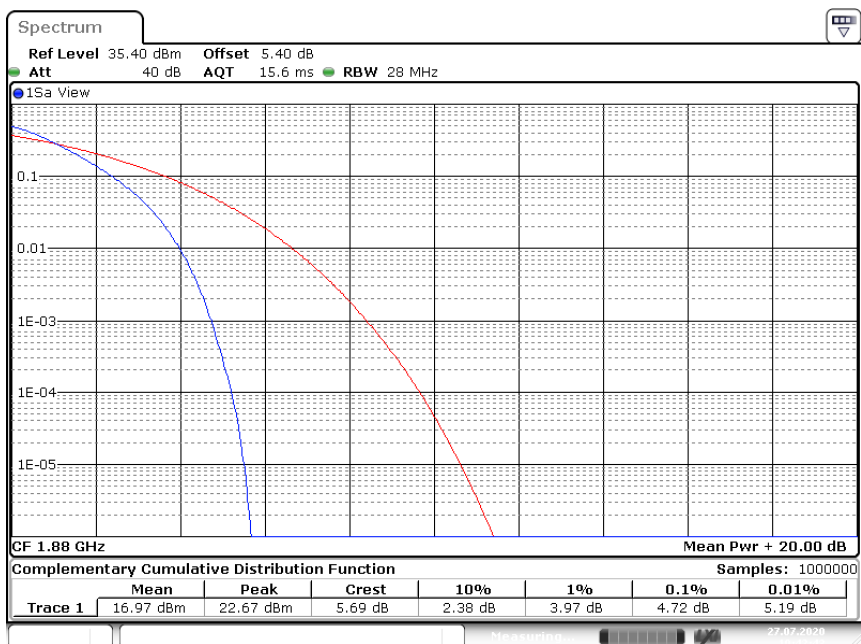
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	5.01	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	4.72	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	4.81	13	PASS
Band2	20MHz	16QAM	18700	32RB#0	5.65	13	PASS
Band2	20MHz	16QAM	18900	32RB#0	5.45	13	PASS
Band2	20MHz	16QAM	19100	32RB#0	4.96	13	PASS

2.2. Test Plots



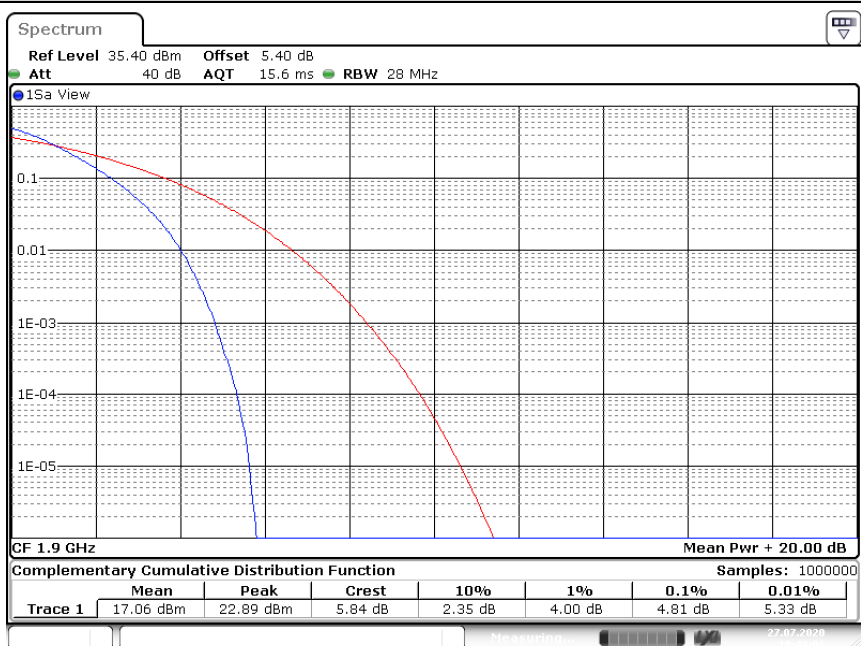


Band2-20MHz-QPSK-18900-100RB#0



Date: 27.JUL.2020 19:42:44

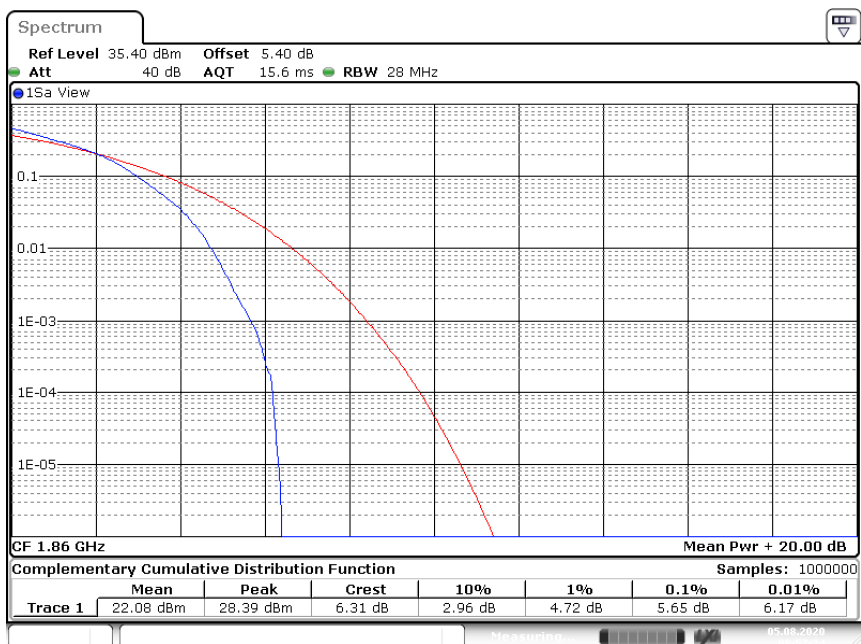
Band2-20MHz-QPSK-19100-100RB#0



Date: 27.JUL.2020 19:43:06

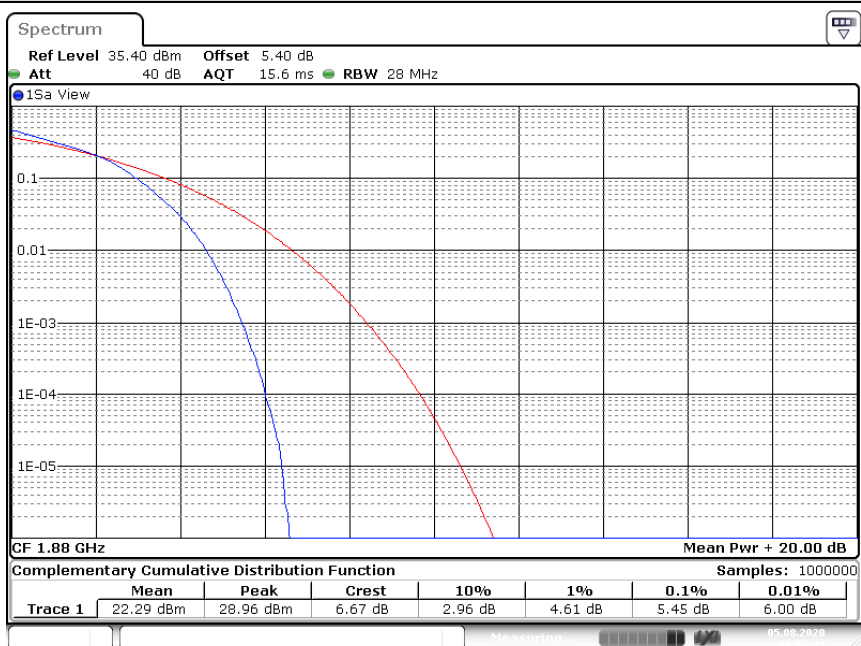


Band2-20MHz-16QAM-18700-32RB#0



Date: 5.AUG.2020 08:57:24

Band2-20MHz-16QAM-18900-32RB#0

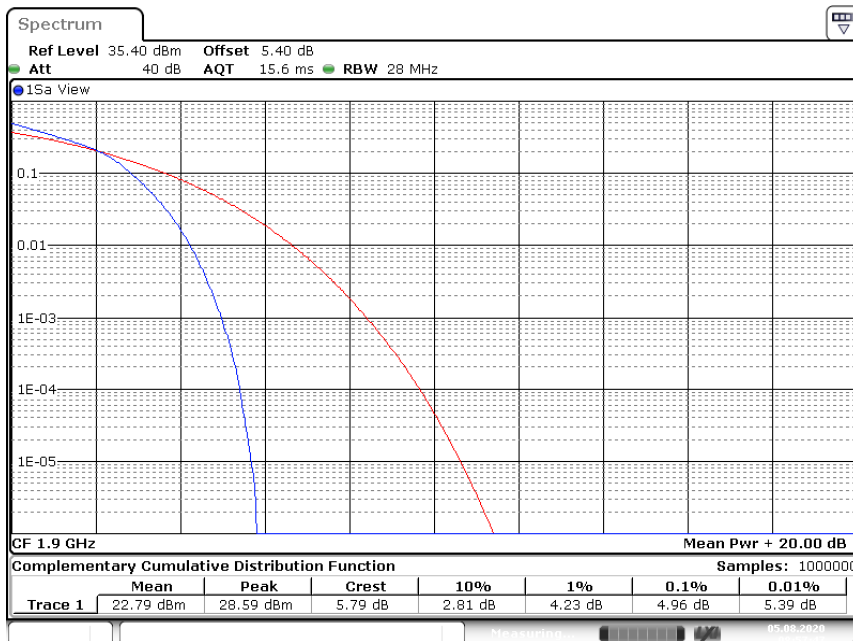


Date: 5.AUG.2020 08:57:36



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Band2-20MHz-16QAM-19100-32RB#0



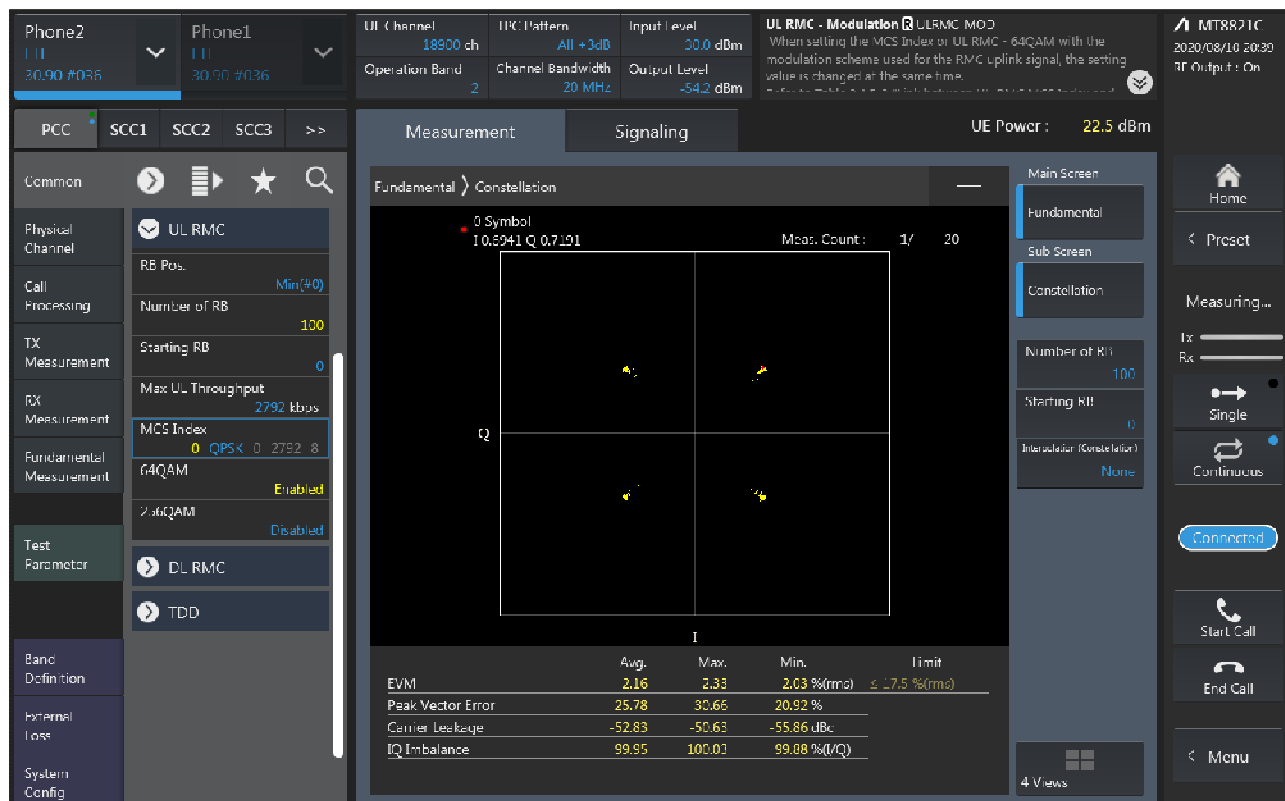
Date: 5.AUG.2020 08:57:47



3. Modulation Characteristics

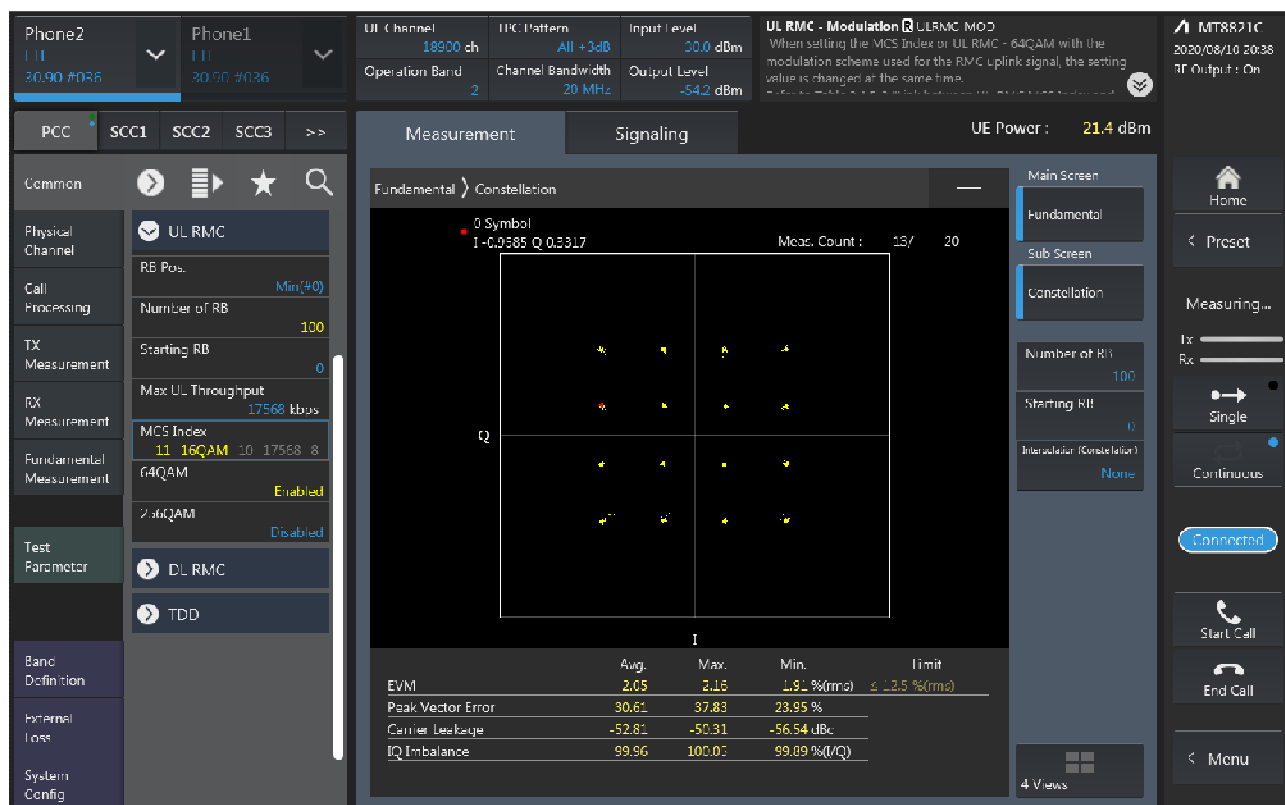
3.1. Test Mode = LTE /TM1 20MHz

3.1.1. Test Channel = MCH



3.2. Test Mode = LTE /TM2 20MHz

3.2.1. Test Channel = MCH





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	1.434	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.094	1.437	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.094	1.446	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.097	1.470	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.097	1.461	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.097	1.470	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.691	3.204	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.685	3.204	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.691	3.228	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.685	3.216	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.679	3.138	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.679	3.204	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.456	5.030	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.456	5.040	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.456	5.050	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.456	5.030	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.466	4.980	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.456	4.990	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.891	9.560	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.911	9.560	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.891	9.520	PASS
Band2	10MHz	16QAM	18650	32RB#0	5.814	8.960	PASS
Band2	10MHz	16QAM	18900	32RB#0	5.814	8.040	PASS
Band2	10MHz	16QAM	19150	32RB#0	5.814	7.980	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.546	16.560	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.546	16.770	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.546	16.440	PASS
Band2	15MHz	16QAM	18675	32RB#0	7.313	14.070	PASS
Band2	15MHz	16QAM	18900	32RB#0	6.893	12.300	PASS
Band2	15MHz	16QAM	19125	32RB#0	6.713	12.030	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.942	21.040	PASS



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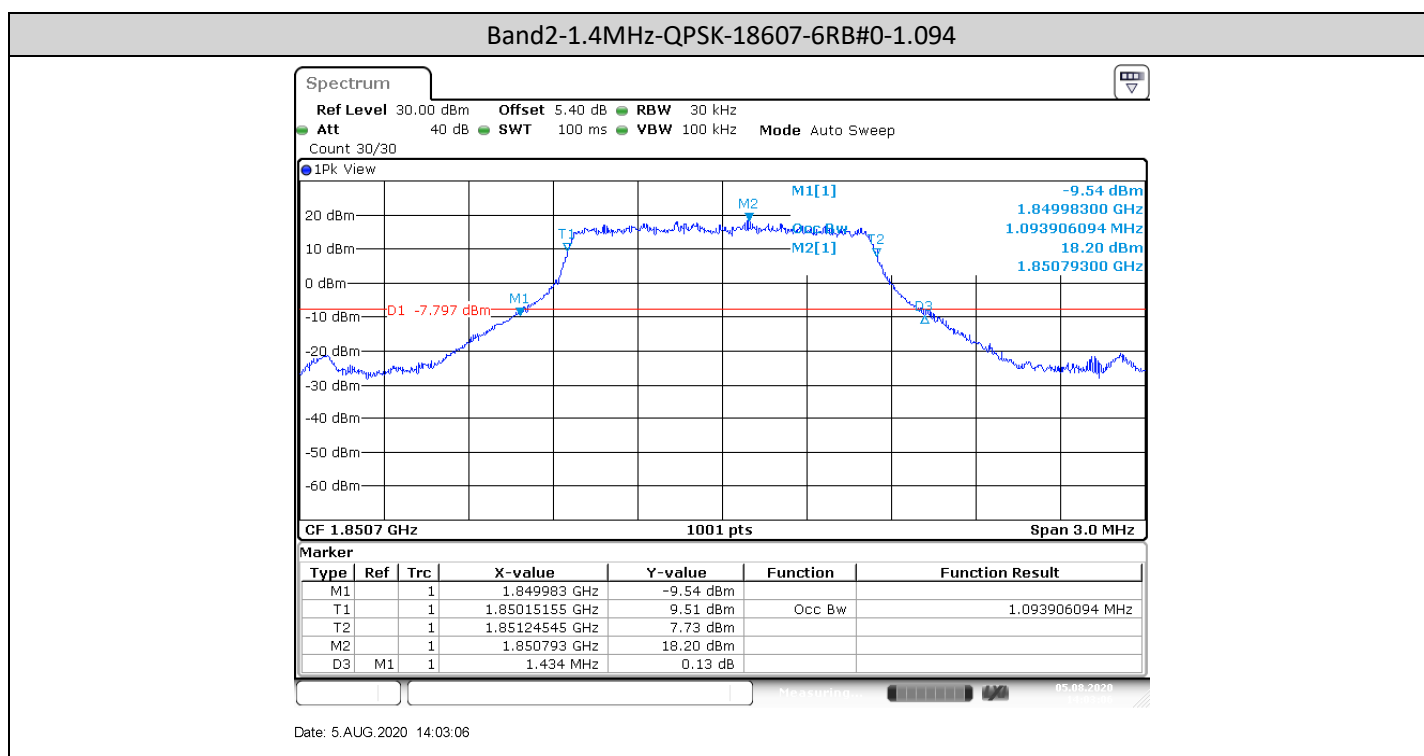
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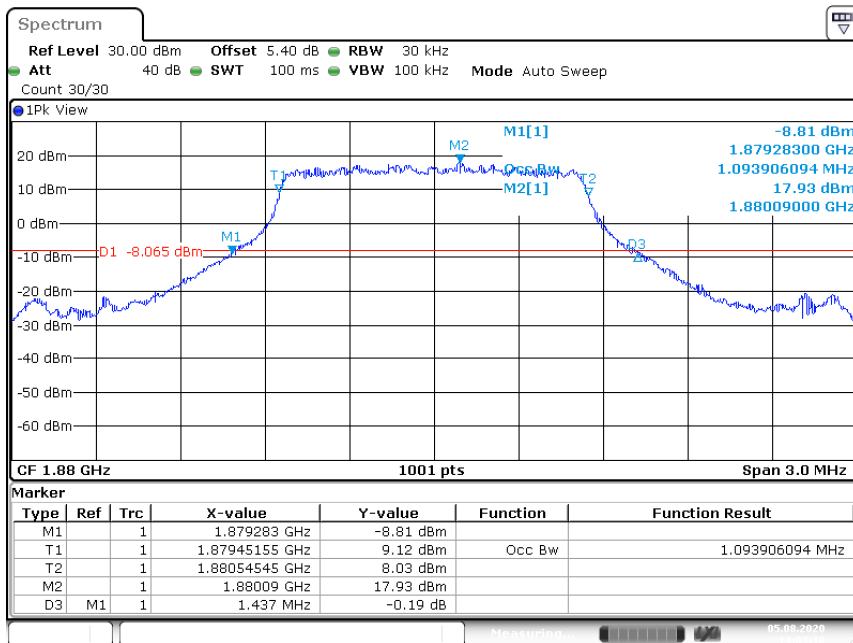


Band2	20MHz	QPSK	18900	100RB#0	17.942	21.360	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.942	21.040	PASS
Band2	20MHz	16QAM	18700	32RB#0	8.152	14.480	PASS
Band2	20MHz	16QAM	18900	32RB#0	7.473	14.880	PASS
Band2	20MHz	16QAM	19100	32RB#0	7.273	10.920	PASS

4.2. Test Plots

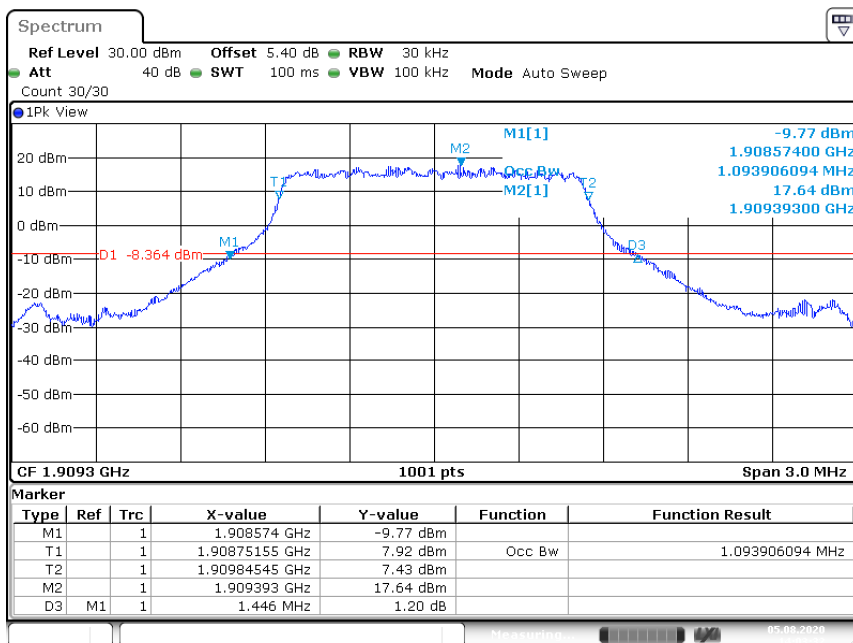


Band2-1.4MHz-QPSK-18900-6RB#0-1.094



Date: 5.AUG.2020 14:03:19

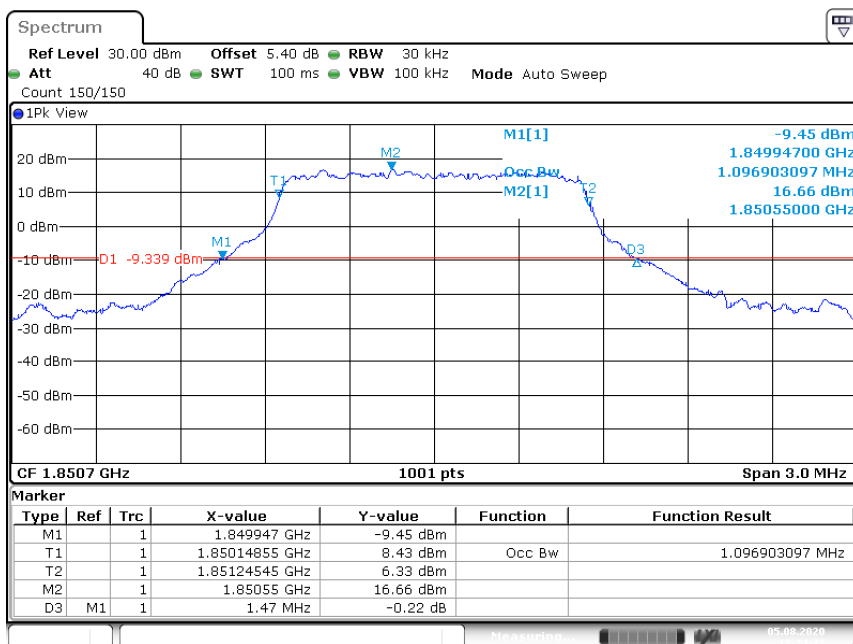
Band2-1.4MHz-QPSK-19193-6RB#0-1.094



Date: 5.AUG.2020 14:03:32

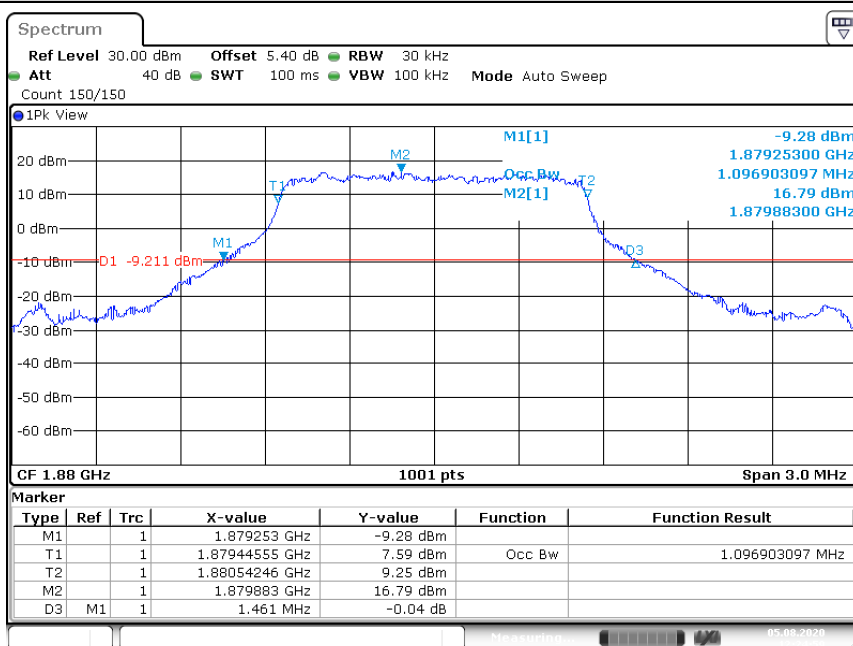


Band2-1.4MHz-16QAM-18607-6RB#0-1.097



Date: 5.AUG.2020 12:24:33

Band2-1.4MHz-16QAM-18900-6RB#0-1.097

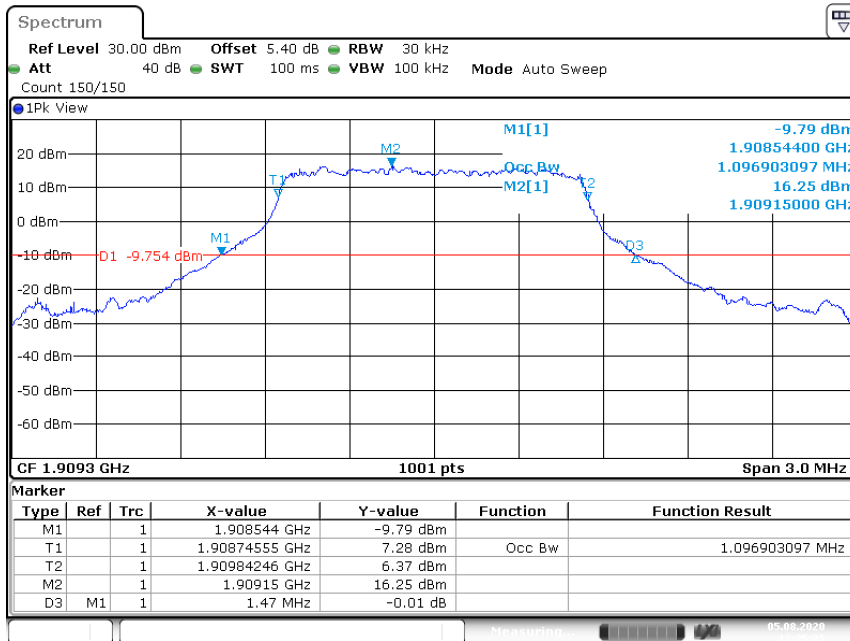


Date: 5.AUG.2020 12:24:59



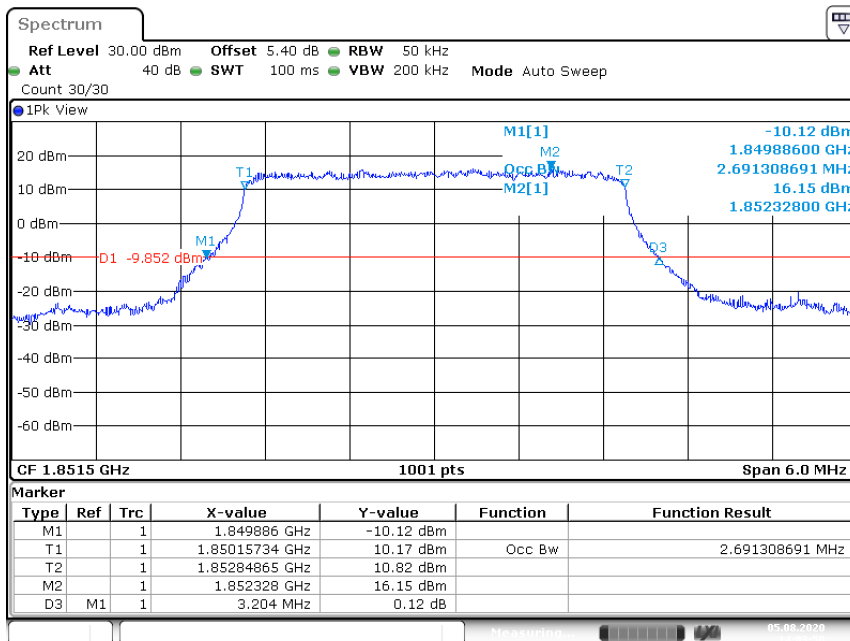


Band2-1.4MHz-16QAM-19193-6RB#0-1.097



Date: 5.AUG.2020 12:25:25

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



Date: 5.AUG.2020 14:03:50



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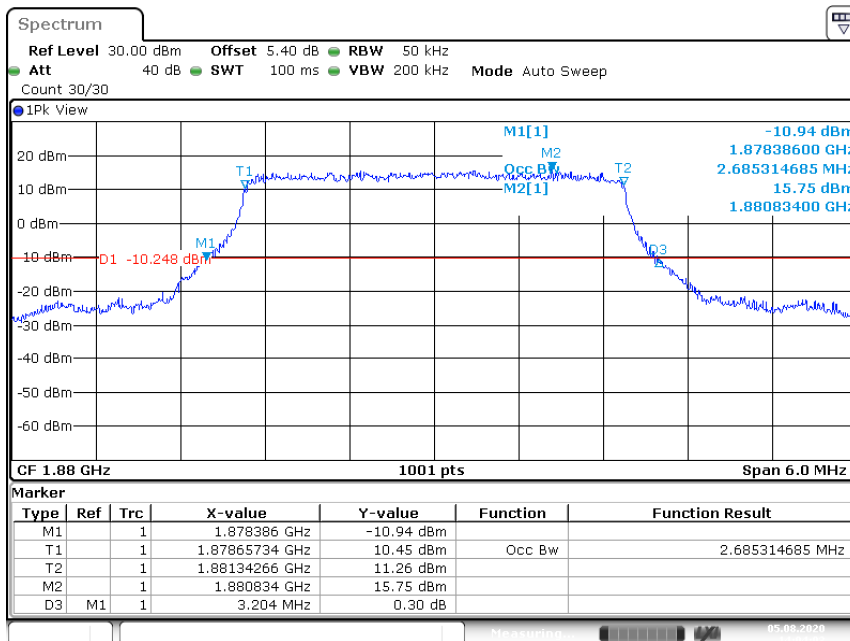
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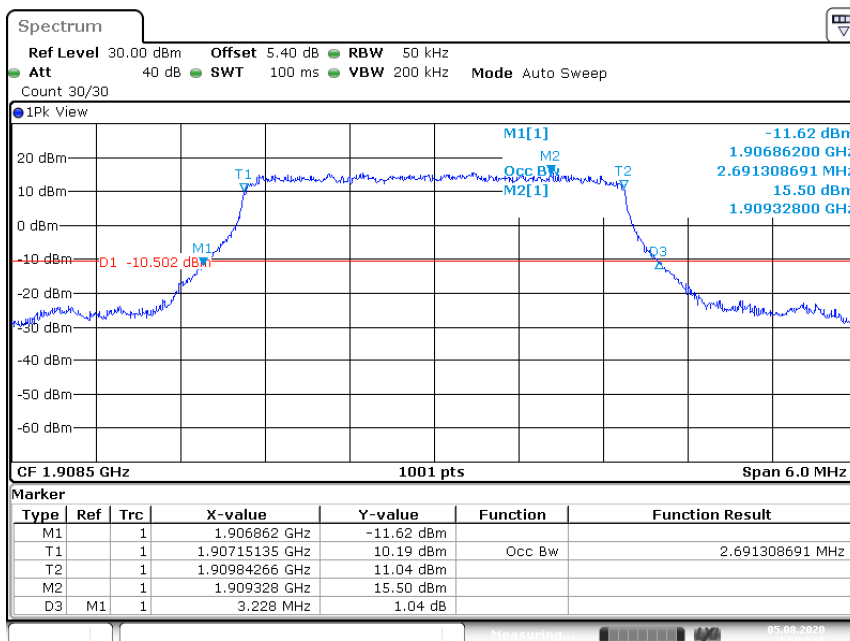


Band2-3MHz-QPSK-18900-15RB#0-2.685



Date: 5.AUG.2020 14:04:03

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



Date: 5.AUG.2020 14:04:16

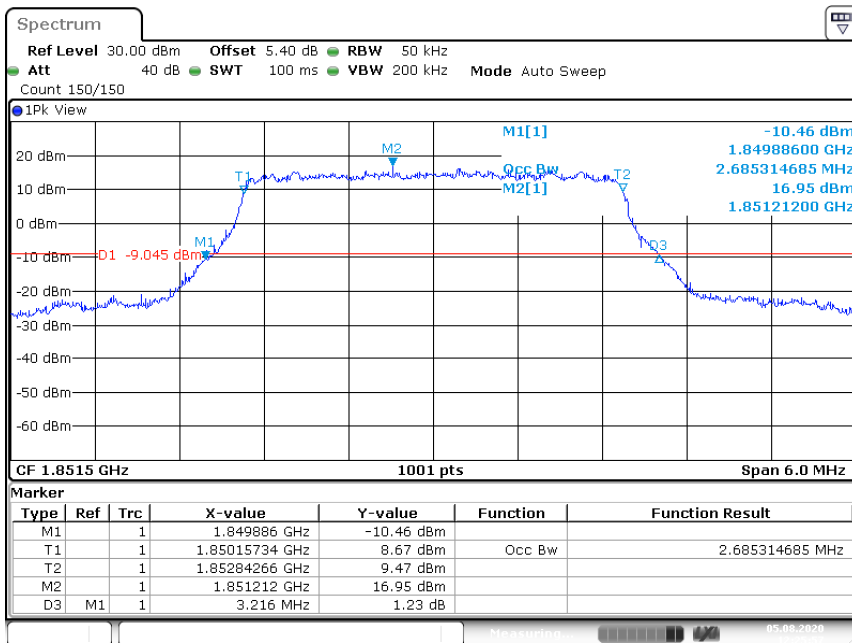


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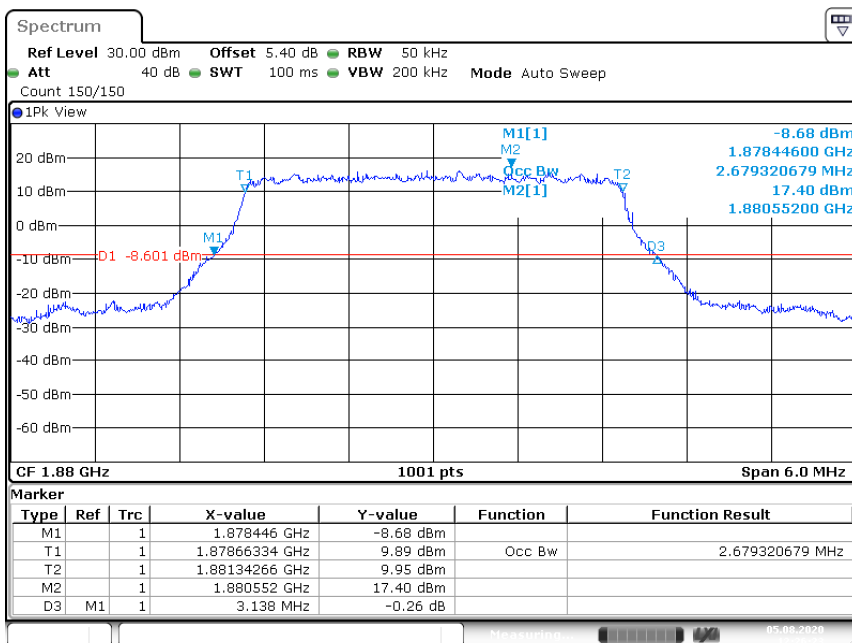
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Band2-3MHz-16QAM-18615-15RB#0-2.685



Date: 5.AUG.2020 12:25:57

Band2-3MHz-16QAM-18900-15RB#0-2.679

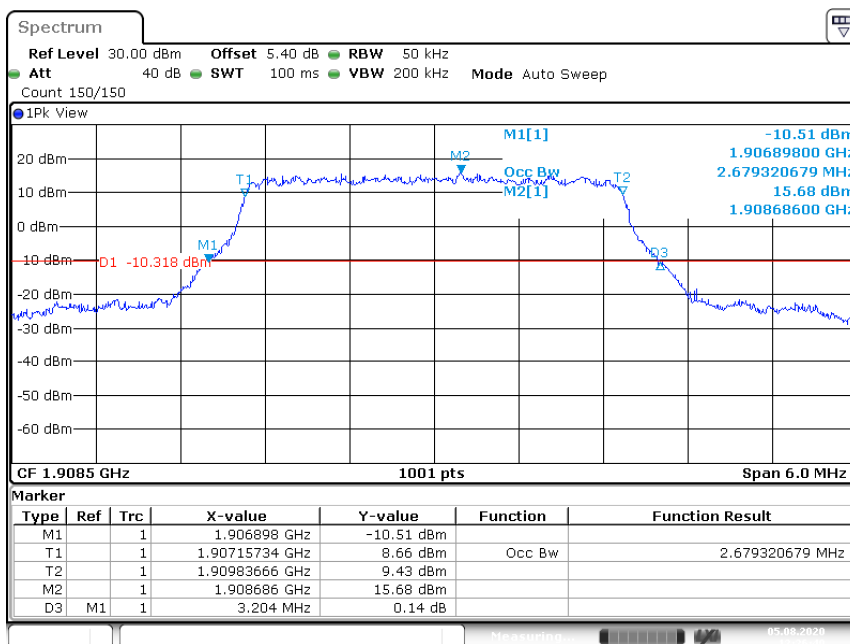


Date: 5.AUG.2020 12:26:23



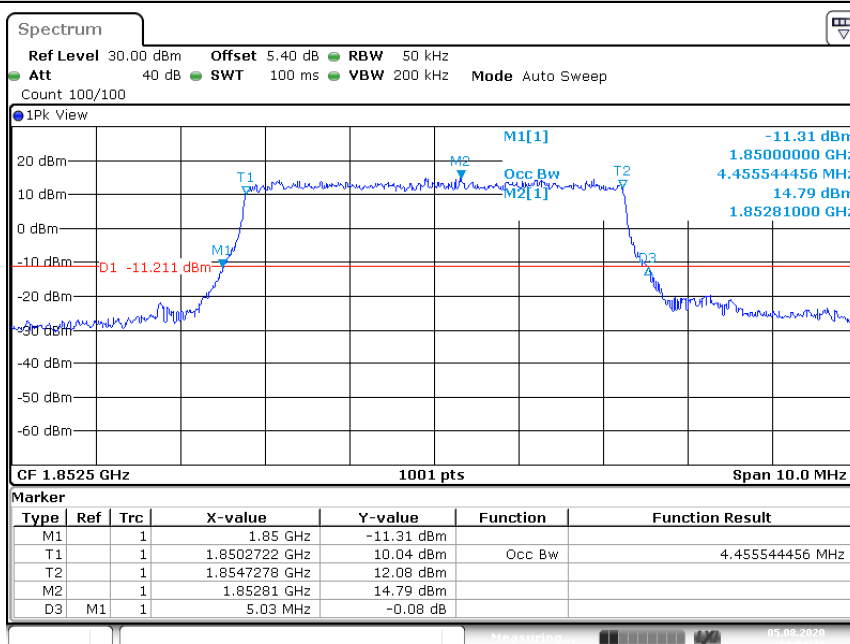


Band2-3MHz-16QAM-19185-15RB#0-2.679



Date: 5.AUG.2020 12:26:50

Band2-5MHz-QPSK-18625-25RB#0-4.456

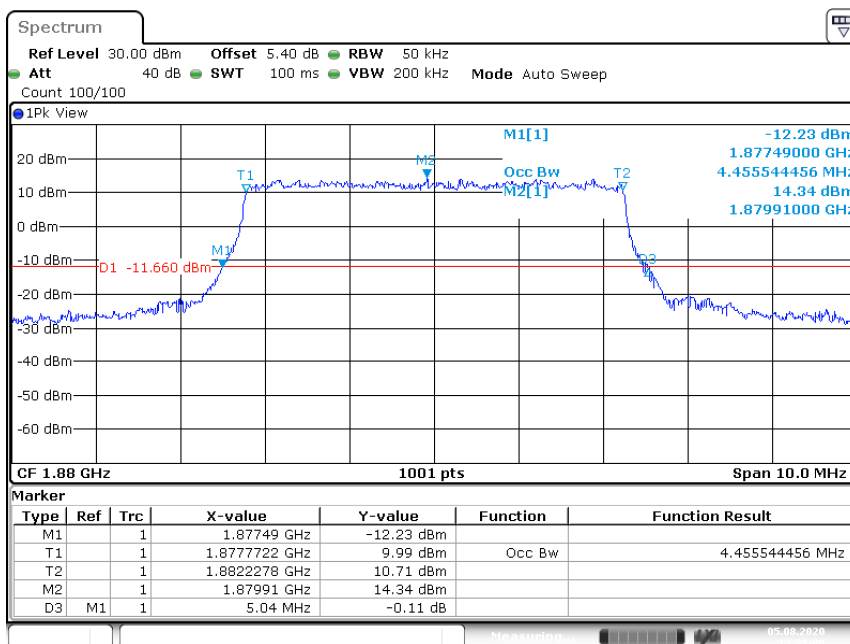


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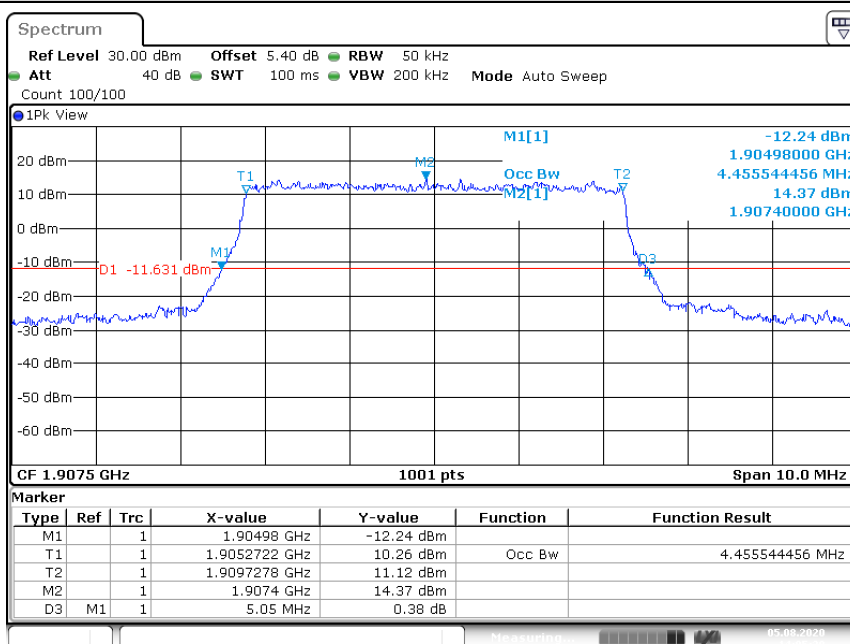


Band2-5MHz-QPSK-18900-25RB#0-4.456



Date: 5.AUG.2020 14:05:01

Band2-5MHz-QPSK-19175-25RB#0-4.456



Date: 5.AUG.2020 14:05:20



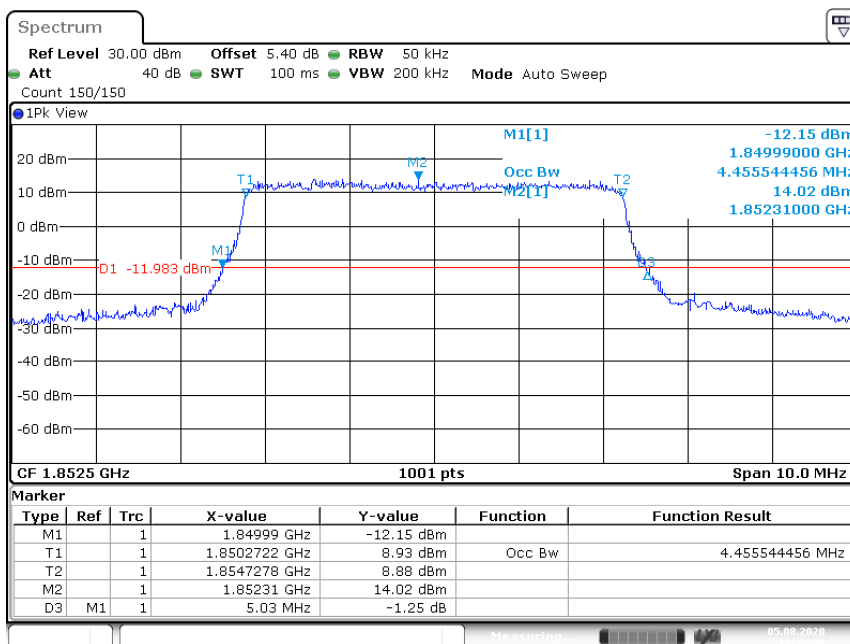
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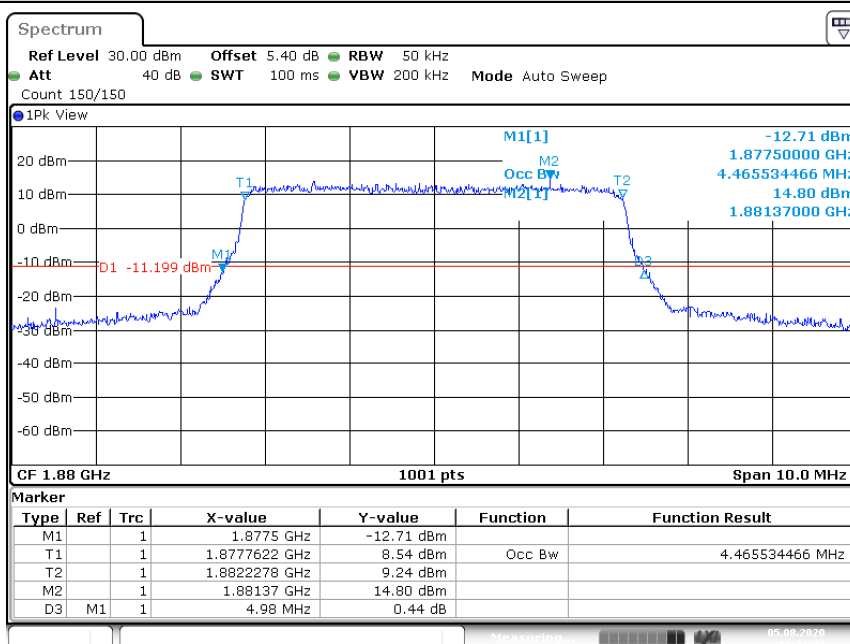


Band2-5MHz-16QAM-18625-25RB#0-4.456



Date: 5.AUG.2020 12:27:21

Band2-5MHz-16QAM-18900-25RB#0-4.466



Date: 5.AUG.2020 12:27:47

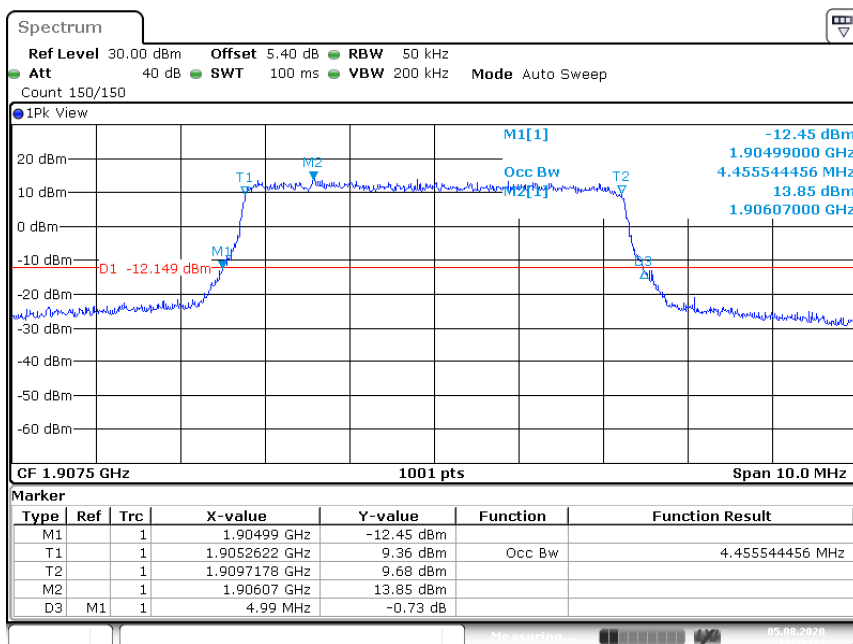


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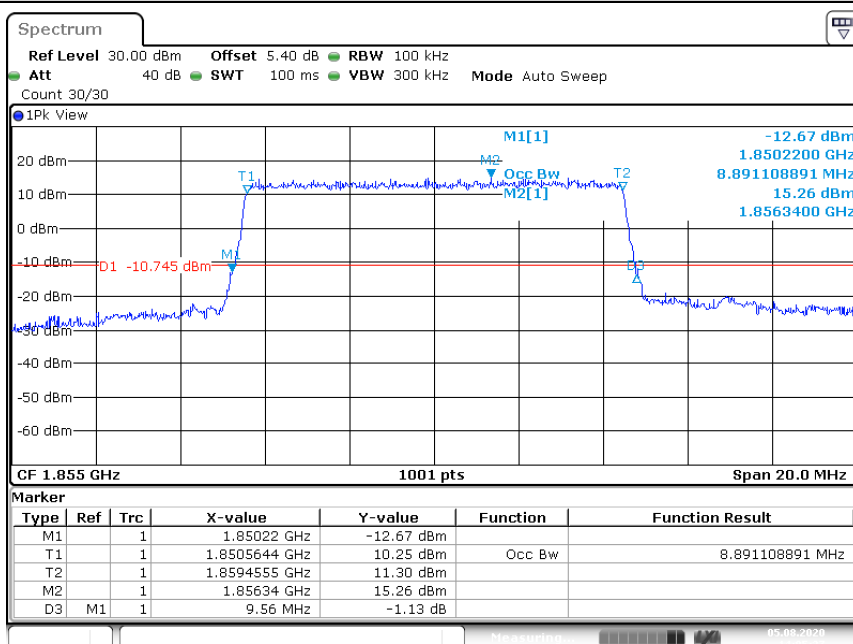
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Band2-5MHz-16QAM-19175-25RB#0-4.456



Date: 5.AUG.2020 12:28:14

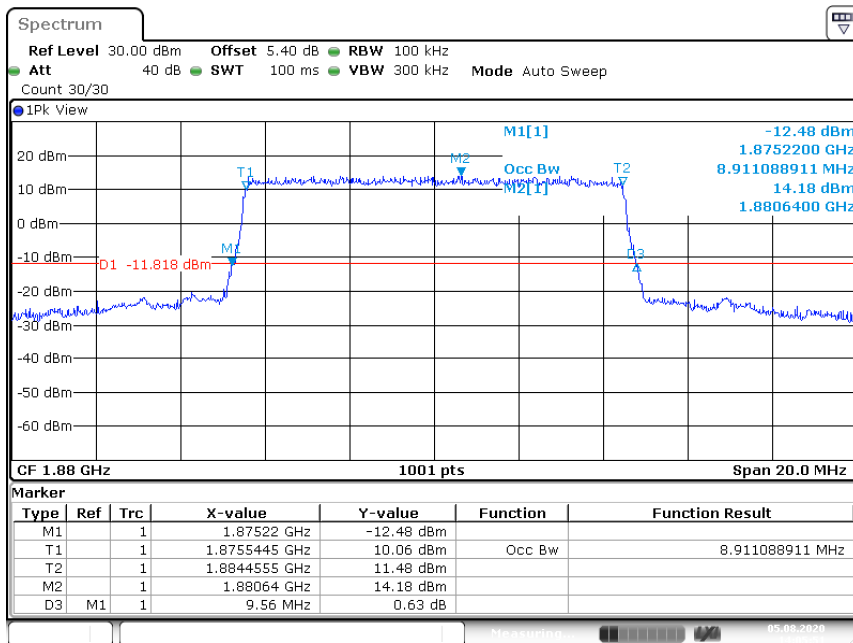
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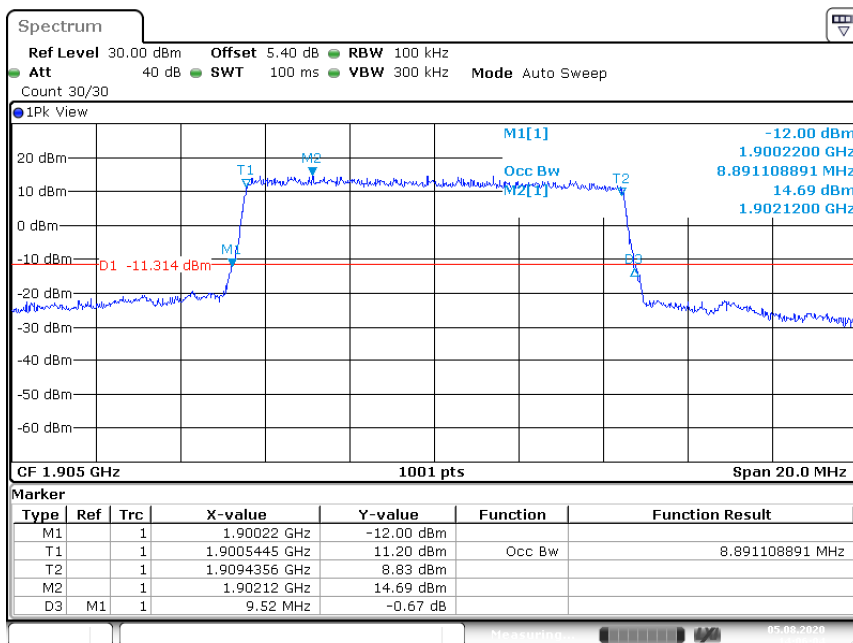


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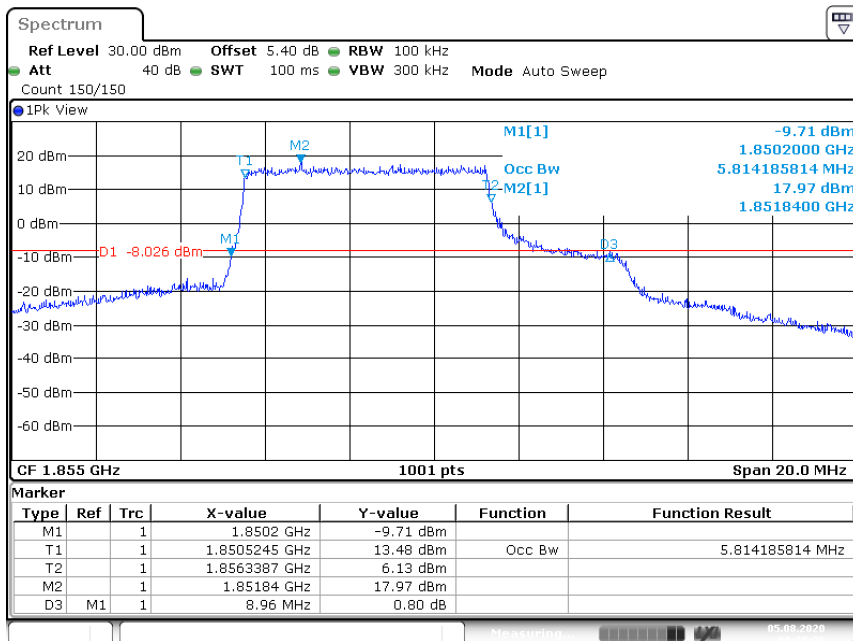
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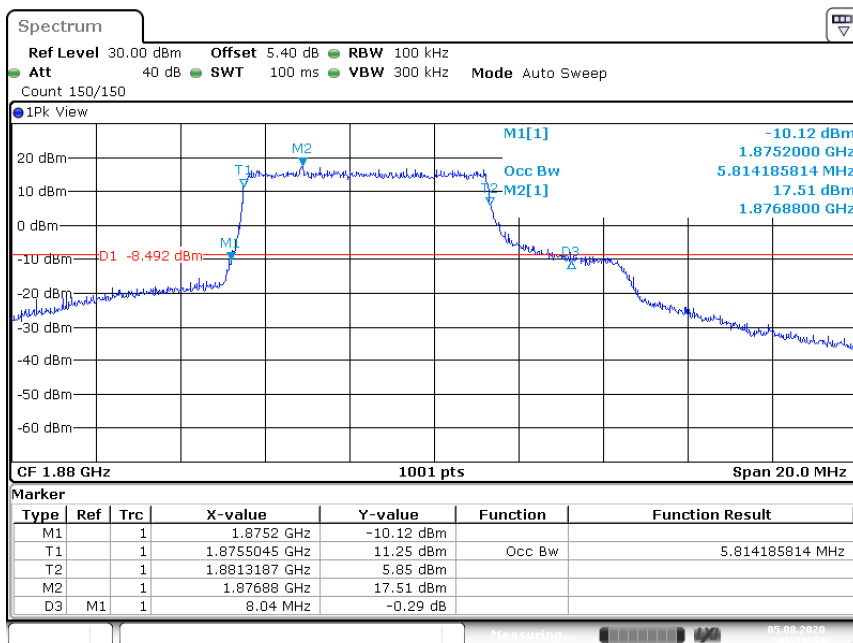


Band2-10MHz-16QAM-18650-32RB#0-5.814



Date: 5.AUG.2020 09:19:27

Band2-10MHz-16QAM-18900-32RB#0-5.814

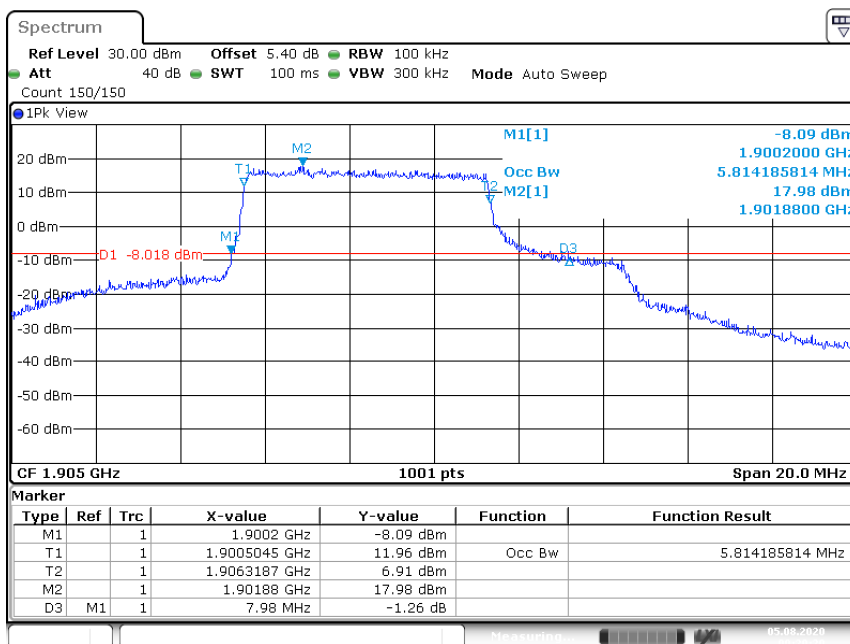


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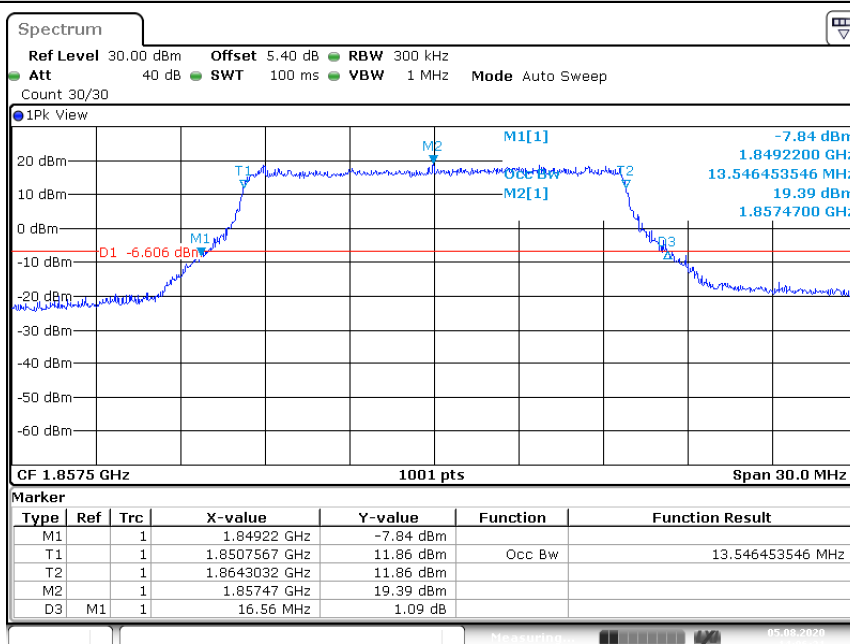


Band2-10MHz-16QAM-19150-32RB#0-5.814



Date: 5.AUG.2020 09:20:20

Band2-15MHz-QPSK-18675-75RB#0-13.546



Date: 5.AUG.2020 14:06:22



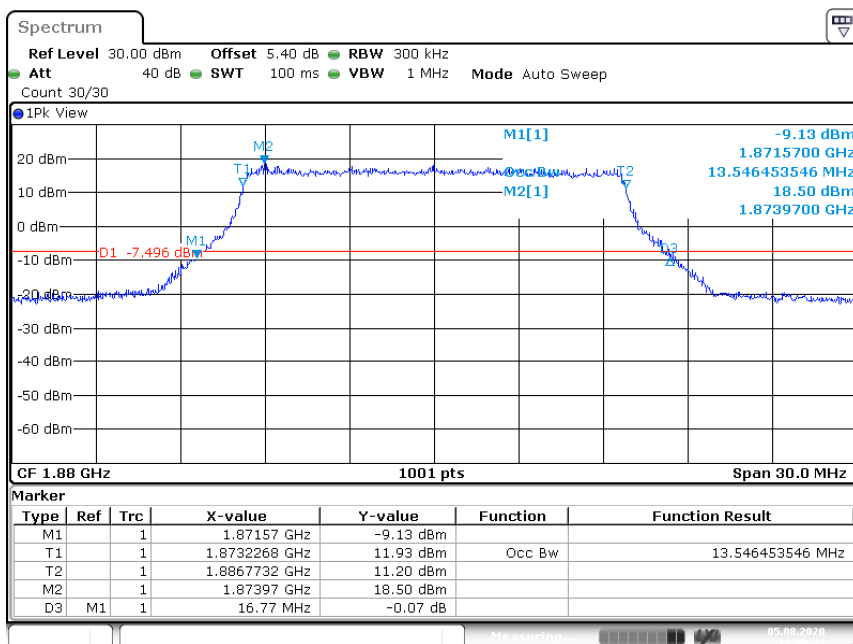
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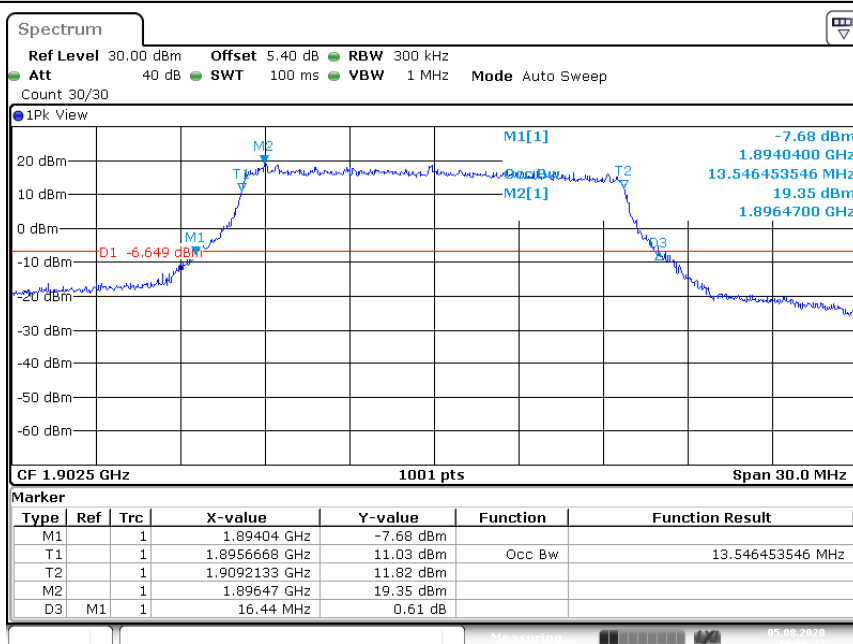
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Band2-15MHz-QPSK-18900-75RB#0-13.546



Date: 5.AUG.2020 14:06:35

Band2-15MHz-QPSK-19125-75RB#0-13.546

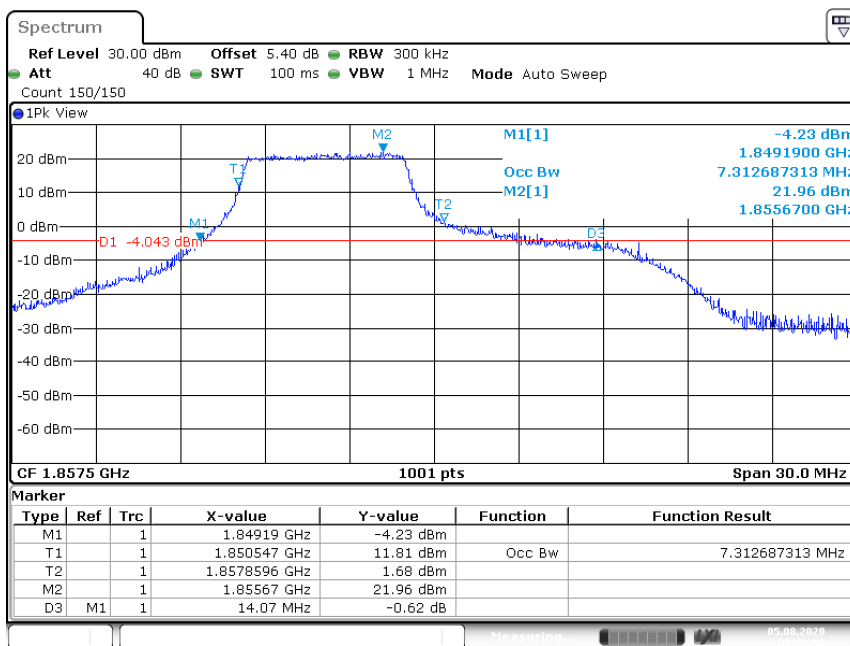


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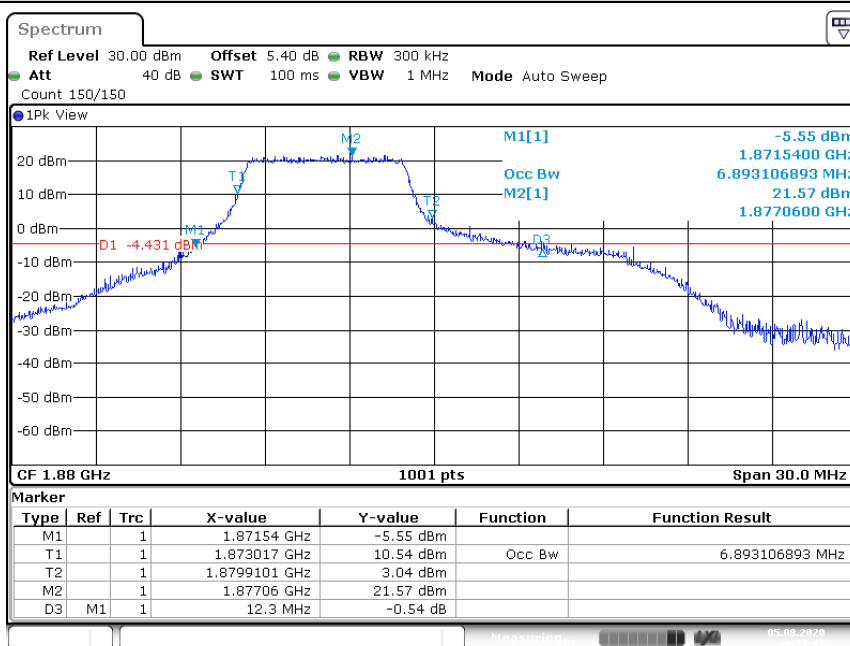


Band2-15MHz-16QAM-18675-32RB#0-7.313



Date: 5.AUG.2020 09:20:51

Band2-15MHz-16QAM-18900-32RB#0-6.893



Date: 5.AUG.2020 09:21:17



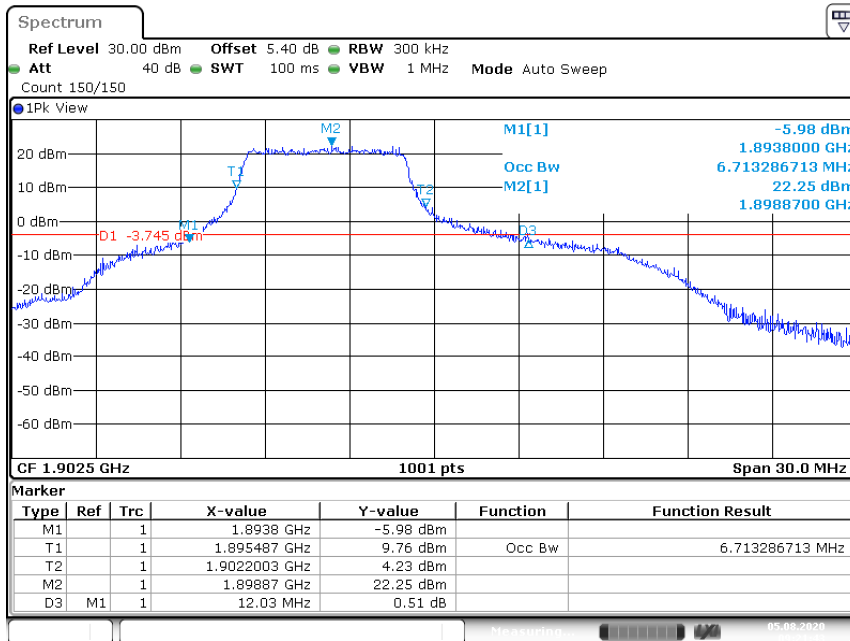
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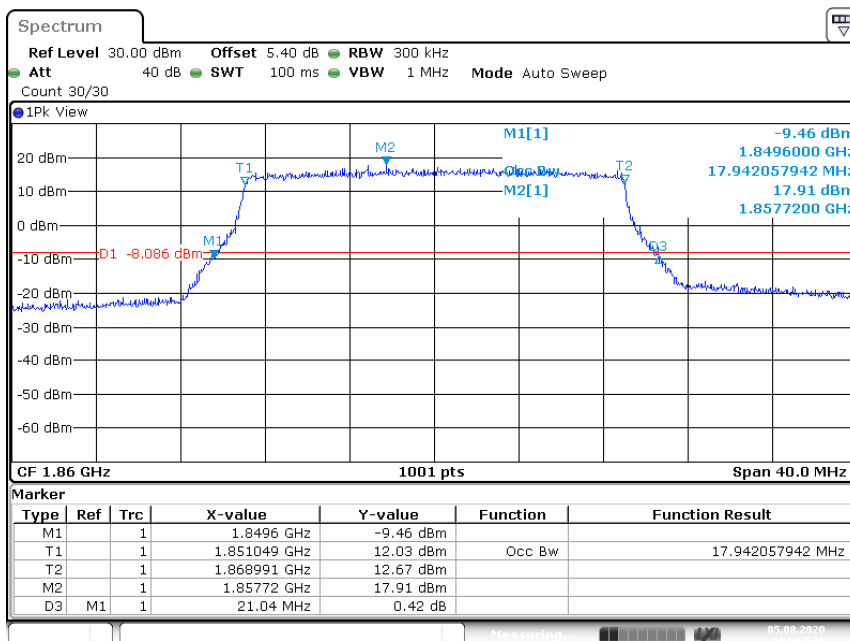


Band2-15MHz-16QAM-19125-32RB#0-6.713



Date: 5.AUG.2020 09:21:44

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



Date: 5.AUG.2020 14:07:05



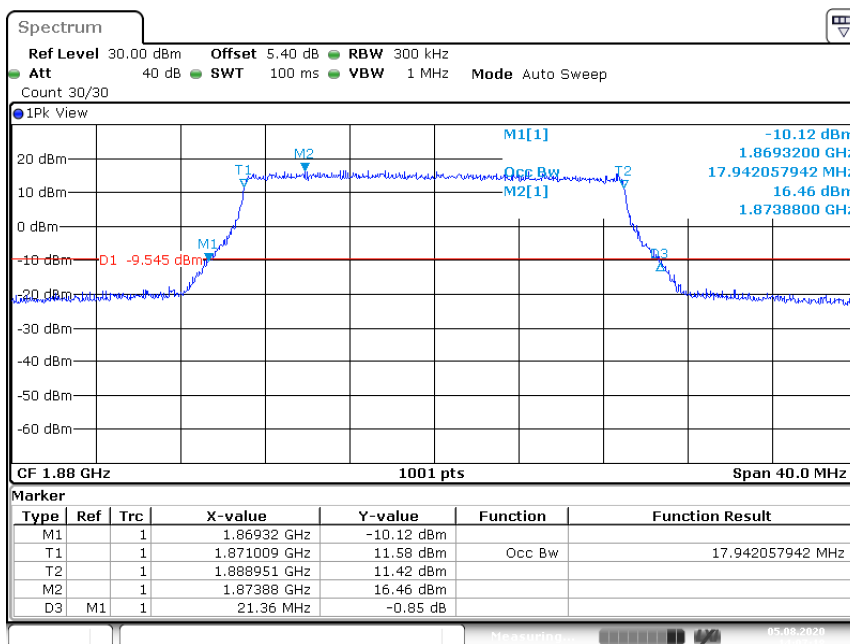
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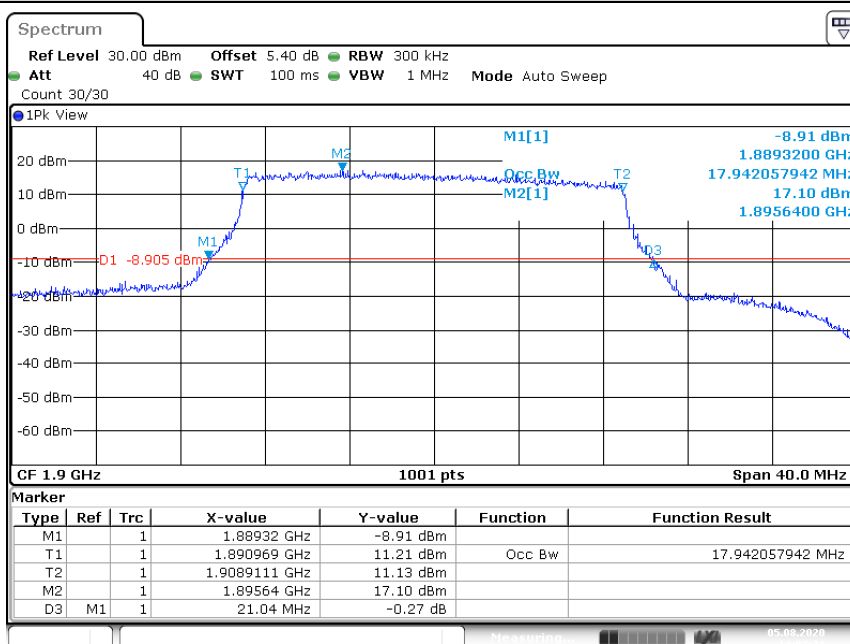


Band2-20MHz-QPSK-18900-100RB#0-17.942



Date: 5.AUG.2020 14:07:18

Band2-20MHz-QPSK-19100-100RB#0-17.942



Date: 5.AUG.2020 14:07:31



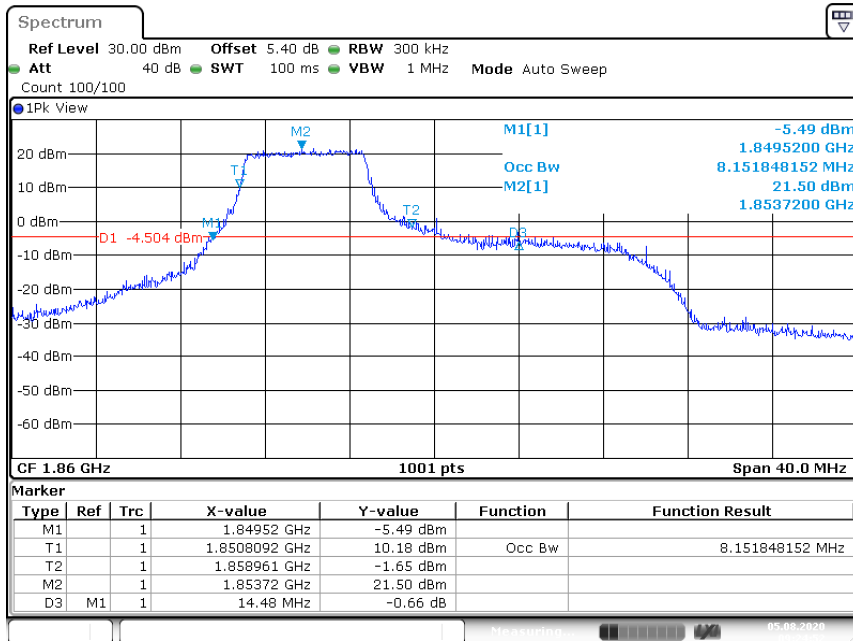
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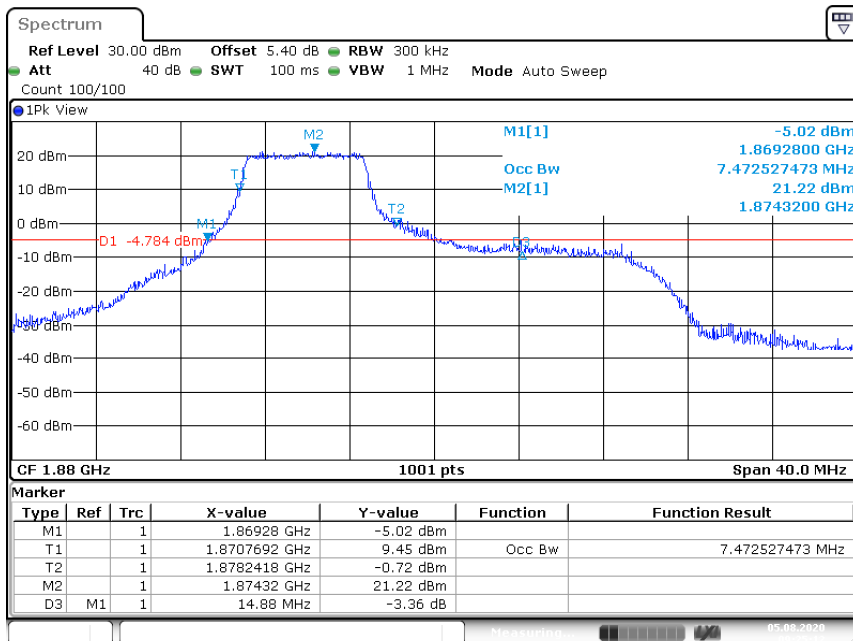


Band2-20MHz-16QAM-18700-32RB#0-8.152



Date: 5.AUG.2020 09:24:52

Band2-20MHz-16QAM-18900-32RB#0-7.473



Date: 5.AUG.2020 09:25:12



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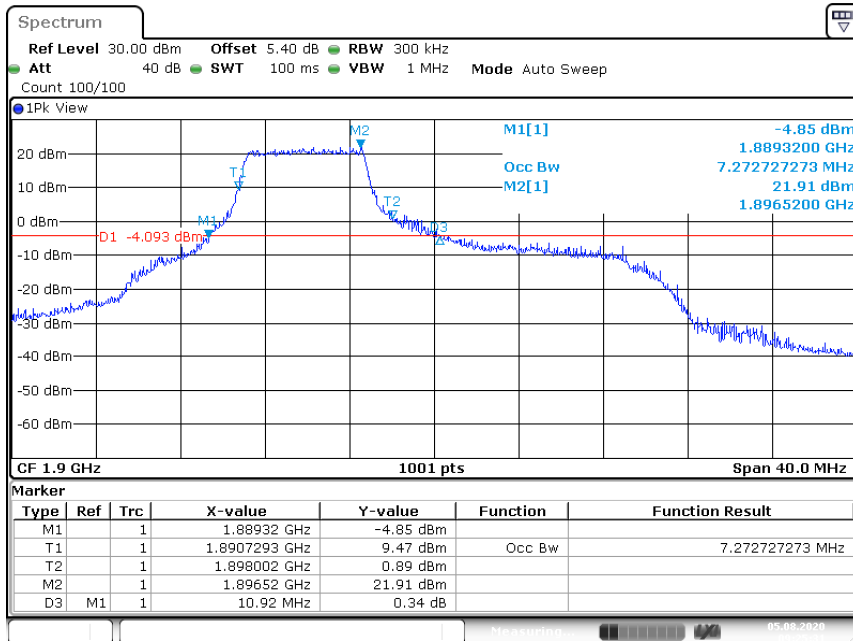
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Band2-20MHz-16QAM-19100-32RB#0-7.273



Date: 5.AUG.2020 09:25:32





5. Band Edge Compliance

5.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-16.13	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-19.38	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-15.12	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-20.13	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-15.77	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-19.55	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-15.10	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-20.81	PASS
Band2	3MHz	QPSK	18615	1RB#0	-15.04	PASS
Band2	3MHz	QPSK	18615	15RB#0	-22.22	PASS
Band2	3MHz	QPSK	19185	1RB#14	-18.03	PASS
Band2	3MHz	QPSK	19185	15RB#0	-23.78	PASS
Band2	3MHz	16QAM	18615	1RB#0	-15.52	PASS
Band2	3MHz	16QAM	18615	15RB#0	-24.08	PASS
Band2	3MHz	16QAM	19185	1RB#14	-15.54	PASS
Band2	3MHz	16QAM	19185	15RB#0	-24.18	PASS
Band2	5MHz	QPSK	18625	1RB#0	-15.28	PASS
Band2	5MHz	QPSK	18625	25RB#0	-26.89	PASS
Band2	5MHz	QPSK	19175	1RB#24	-15.93	PASS
Band2	5MHz	QPSK	19175	25RB#0	-27.26	PASS
Band2	5MHz	16QAM	18625	1RB#0	-16.26	PASS
Band2	5MHz	16QAM	18625	25RB#0	-27.44	PASS
Band2	5MHz	16QAM	19175	1RB#24	-15.95	PASS
Band2	5MHz	16QAM	19175	25RB#0	-28.09	PASS
Band2	10MHz	QPSK	18650	1RB#0	-28.85	PASS
Band2	10MHz	QPSK	18650	50RB#0	-33.48	PASS
Band2	10MHz	QPSK	19150	1RB#49	-29.28	PASS
Band2	10MHz	QPSK	19150	50RB#0	-31.80	PASS
Band2	10MHz	16QAM	18650	1RB#0	-28.20	PASS
Band2	10MHz	16QAM	18650	32RB#0	-28.32	PASS
Band2	10MHz	16QAM	19150	1RB#49	-30.40	PASS
Band2	10MHz	16QAM	19150	1RB#31	-45.00	PASS



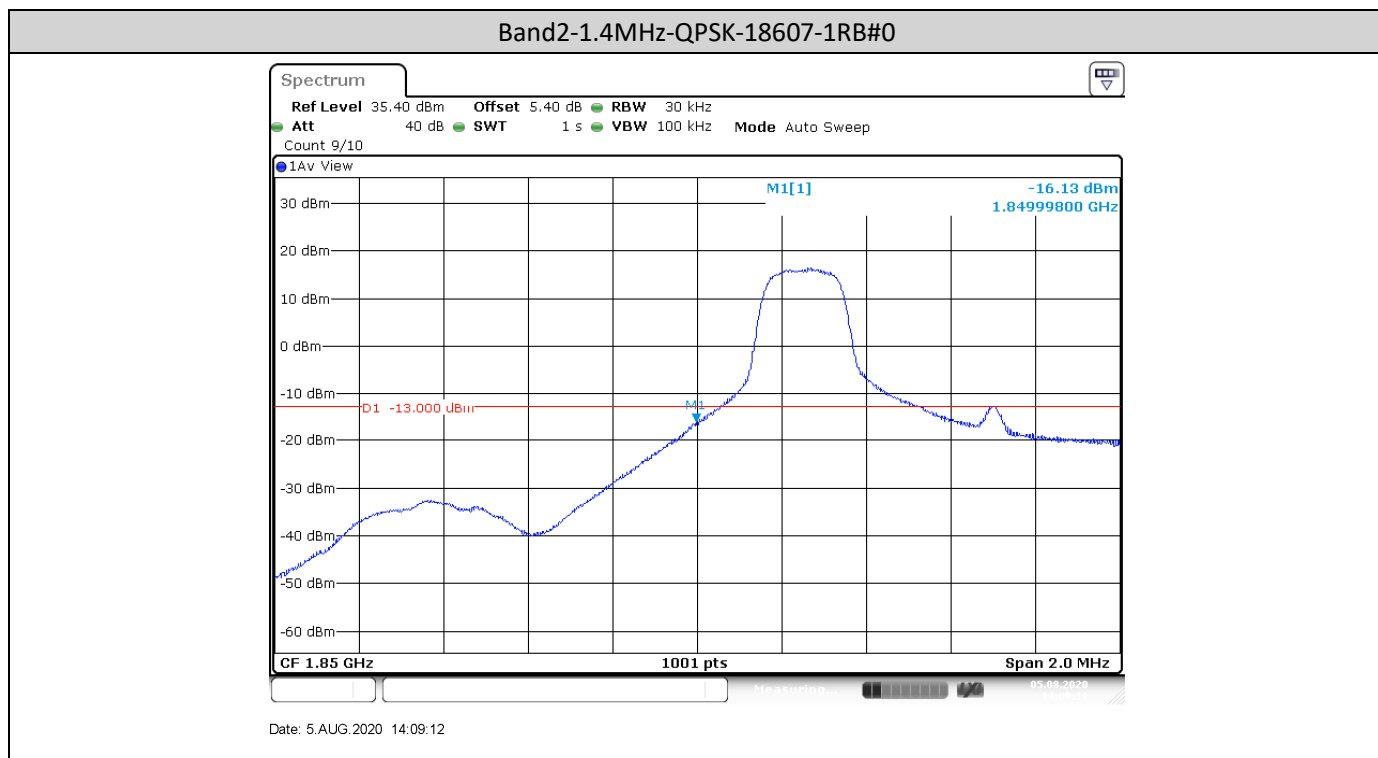
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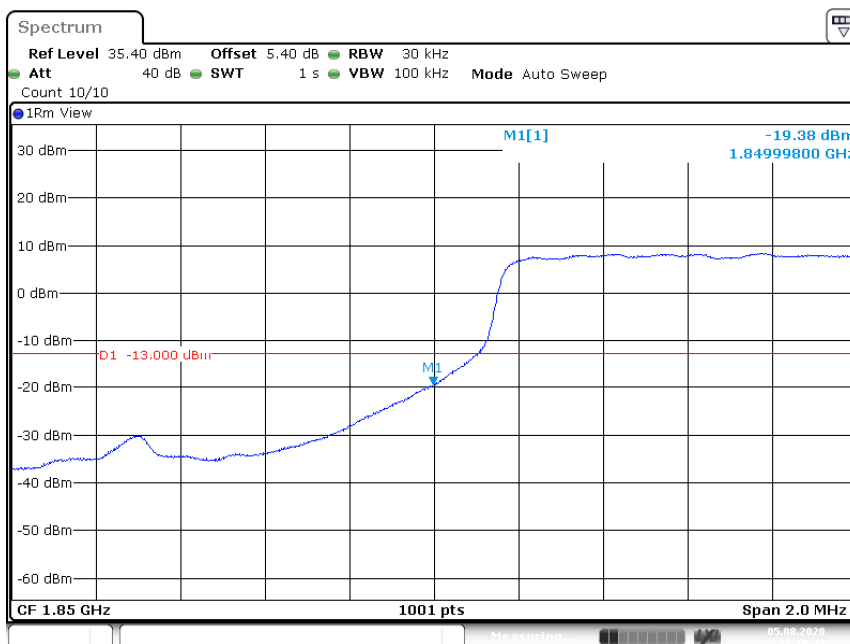
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Band2	15MHz	QPSK	18675	1RB#0	-24.36	PASS
Band2	15MHz	QPSK	18675	75RB#0	-24.69	PASS
Band2	15MHz	QPSK	19125	1RB#74	-14.24	PASS
Band2	15MHz	QPSK	19125	75RB#0	-25.86	PASS
Band2	15MHz	16QAM	18675	1RB#0	-14.30	PASS
Band2	15MHz	16QAM	18675	32RB#0	-20.65	PASS
Band2	15MHz	16QAM	19125	1RB#74	-14.17	PASS
Band2	15MHz	16QAM	19125	32RB#43	-23.39	PASS
Band2	20MHz	QPSK	18700	1RB#0	-14.72	PASS
Band2	20MHz	QPSK	18700	100RB#0	-25.34	PASS
Band2	20MHz	QPSK	19100	1RB#99	-15.33	PASS
Band2	20MHz	QPSK	19100	100RB#0	-25.93	PASS
Band2	20MHz	16QAM	18700	1RB#0	-14.32	PASS
Band2	20MHz	16QAM	18700	32RB#0	-21.38	PASS
Band2	20MHz	16QAM	19100	1RB#99	-16.49	PASS
Band2	20MHz	16QAM	19100	32RB#68	-23.69	PASS

5.2. Test Plots





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



Date: 5.AUG.2020 14:10:42

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



Date: 5.AUG.2020 14:09:57



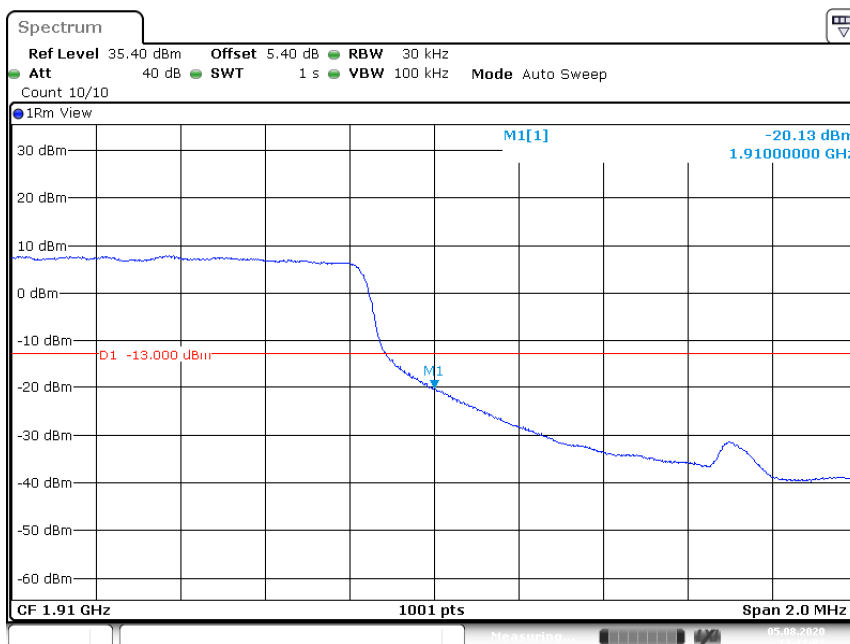
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Band2-1.4MHz-QPSK-19193-6RB#0



Date: 5.AUG.2020 14:11:03

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



Date: 27.JUL.2020 19:13:20



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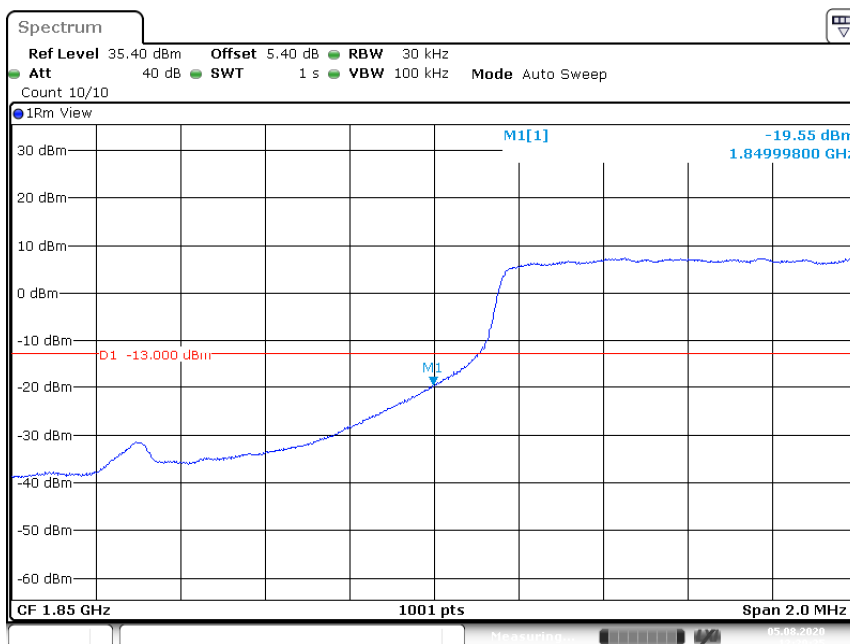
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Band2-1.4MHz-16QAM-18607-6RB#0



Date: 5.AUG.2020 12:29:25

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



Date: 5.AUG.2020 12:28:40



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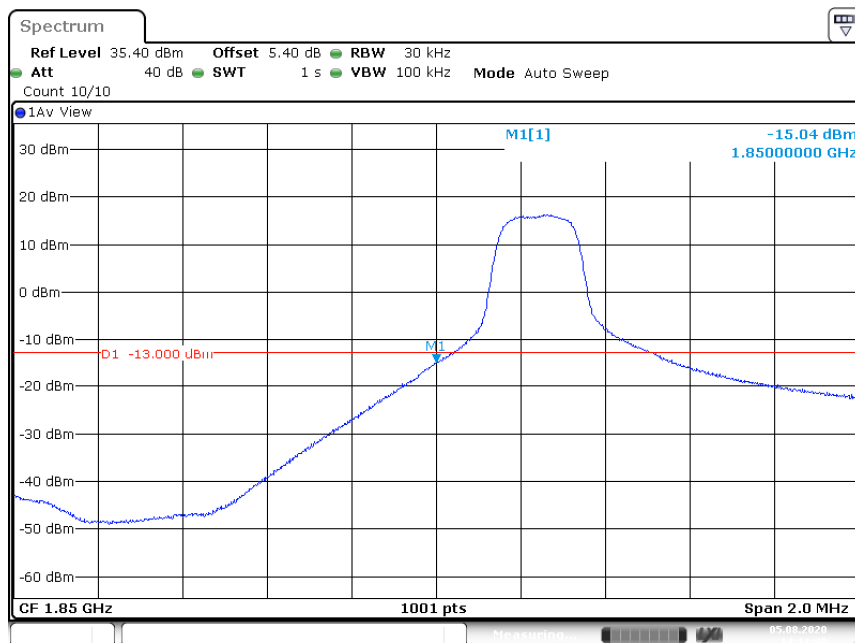


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Date: 5.AUG.2020 12:29:46

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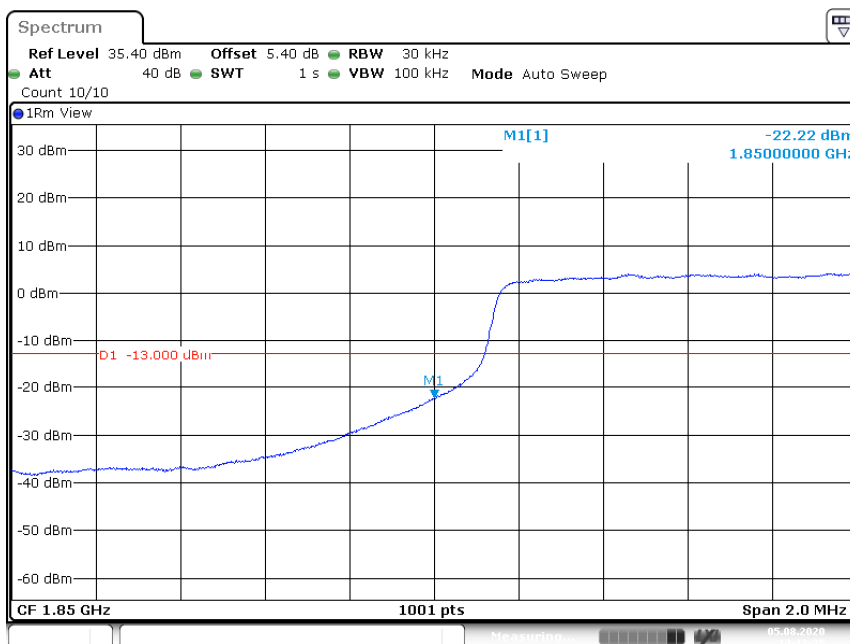


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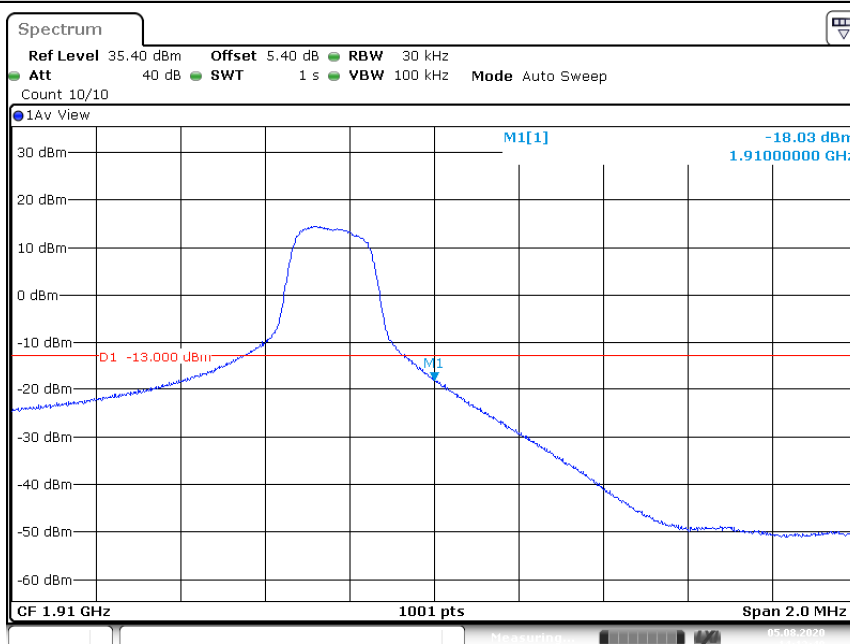


Band2-3MHz-QPSK-18615-15RB#0



Date: 5.AUG.2020 14:13:35

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



Date: 5.AUG.2020 14:12:50

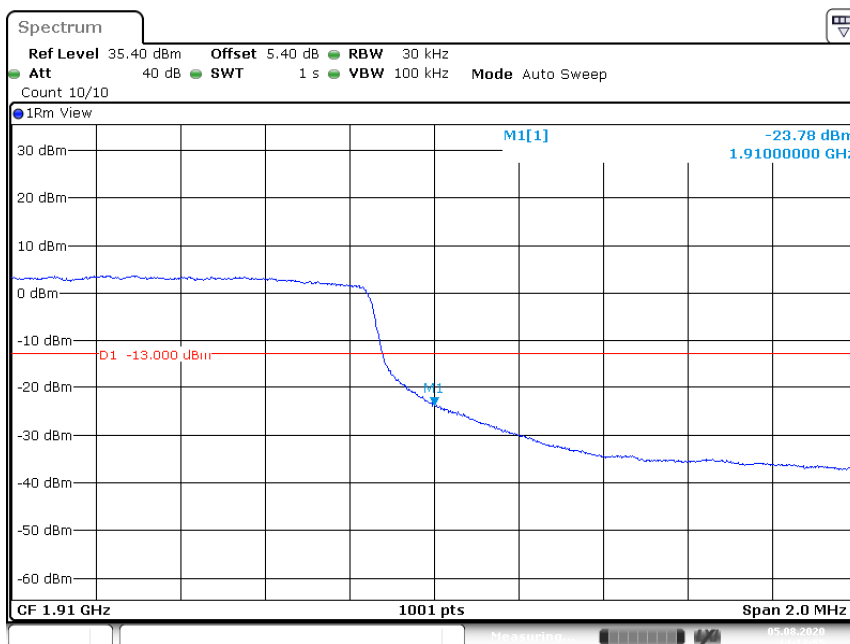


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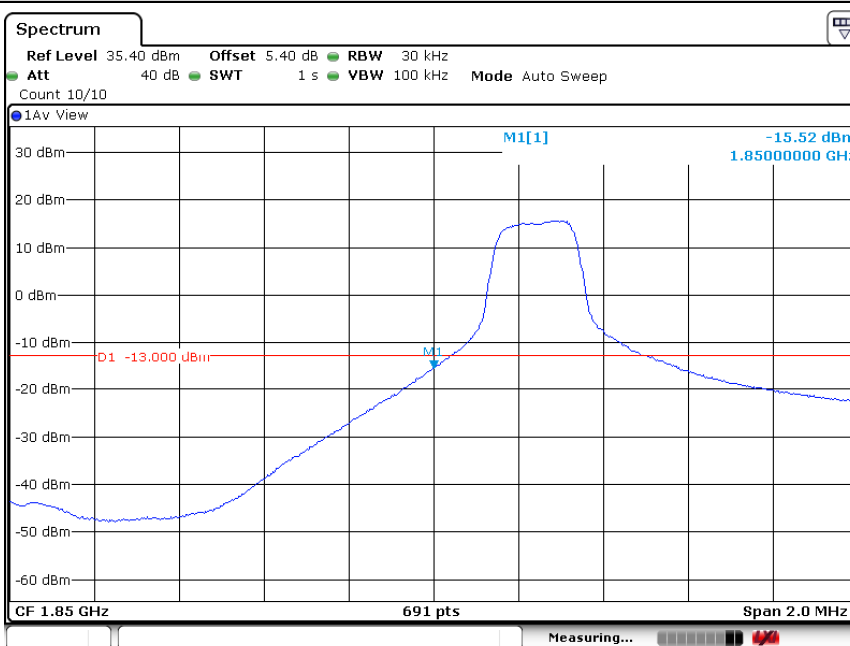
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Band2-3MHz-QPSK-19185-15RB#0



Date: 5.AUG.2020 14:13:56

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



Date: 6.AUG.2020 19:50:35

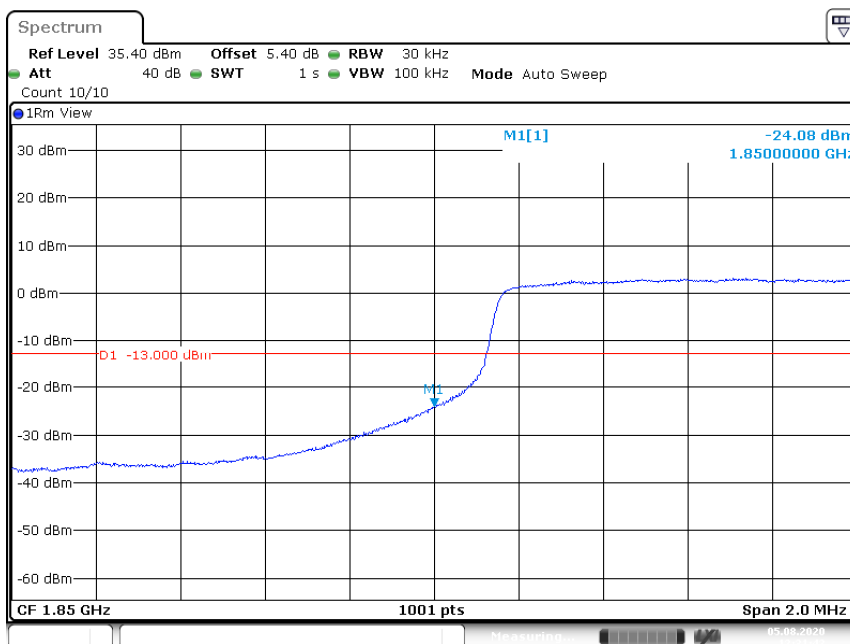


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Band2-3MHz-16QAM-18615-15RB#0



Date: 5.AUG.2020 12:31:42

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

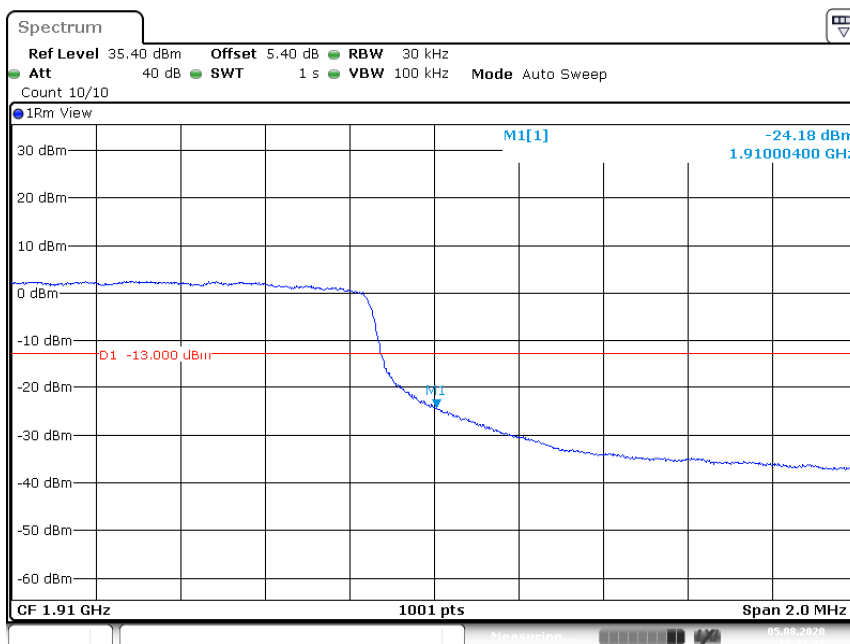


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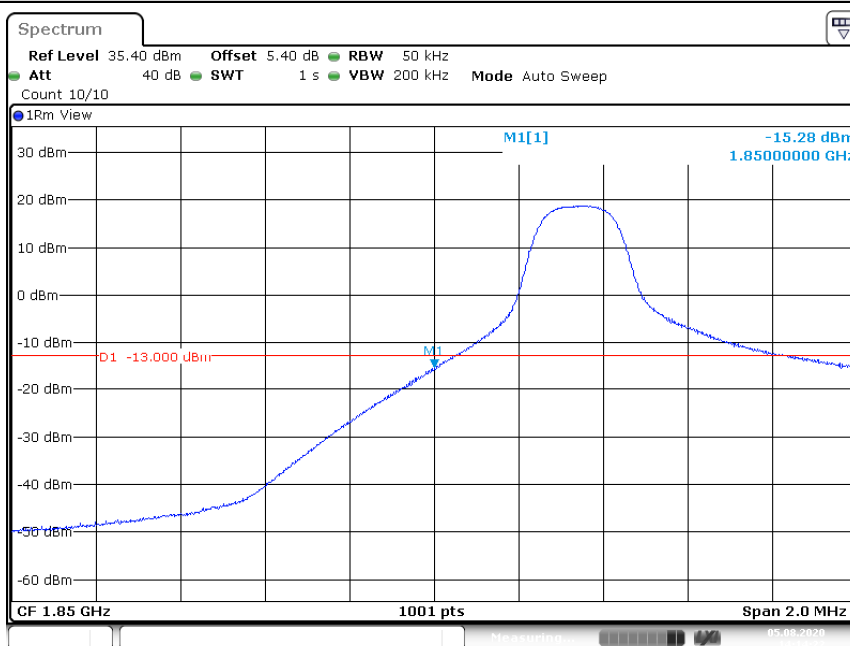


Band2-3MHz-16QAM-19185-15RB#0



Date: 5.AUG.2020 12:32:03

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



Date: 5.AUG.2020 14:14:22



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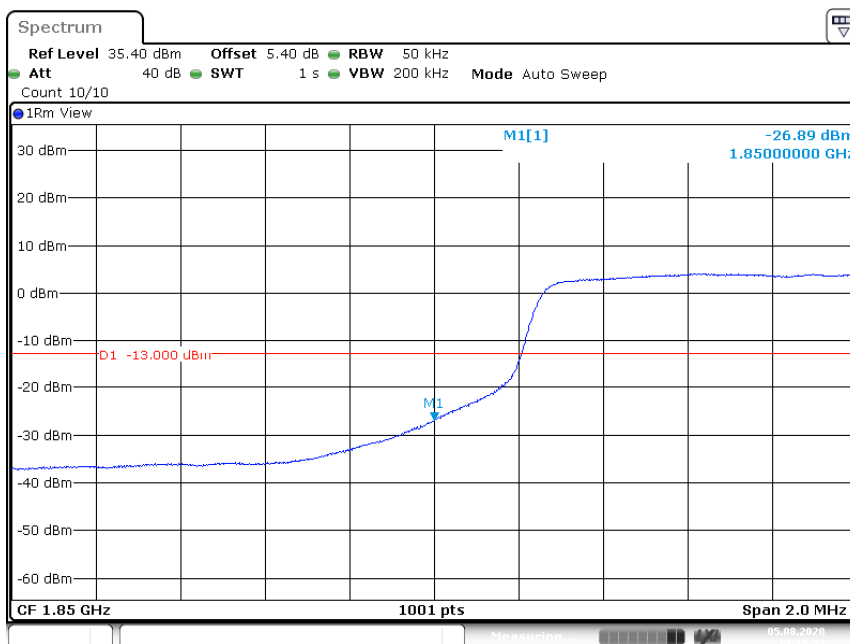
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Band2-5MHz-QPSK-18625-25RB#0



Date: 5.AUG.2020 14:15:53

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



Date: 5.AUG.2020 14:15:07



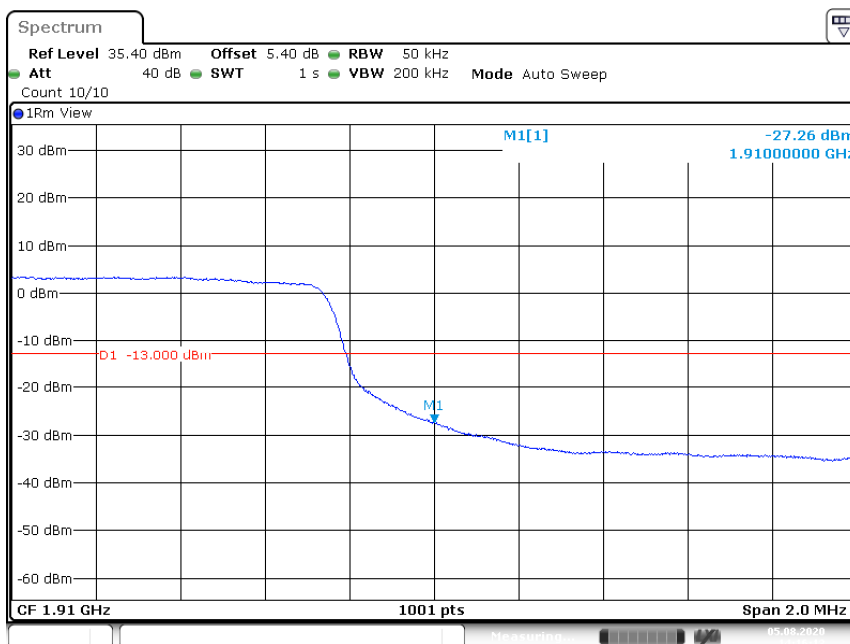
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Band2-5MHz-QPSK-19175-25RB#0



Date: 5.AUG.2020 14:16:14

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



Date: 5.AUG.2020 12:32:29



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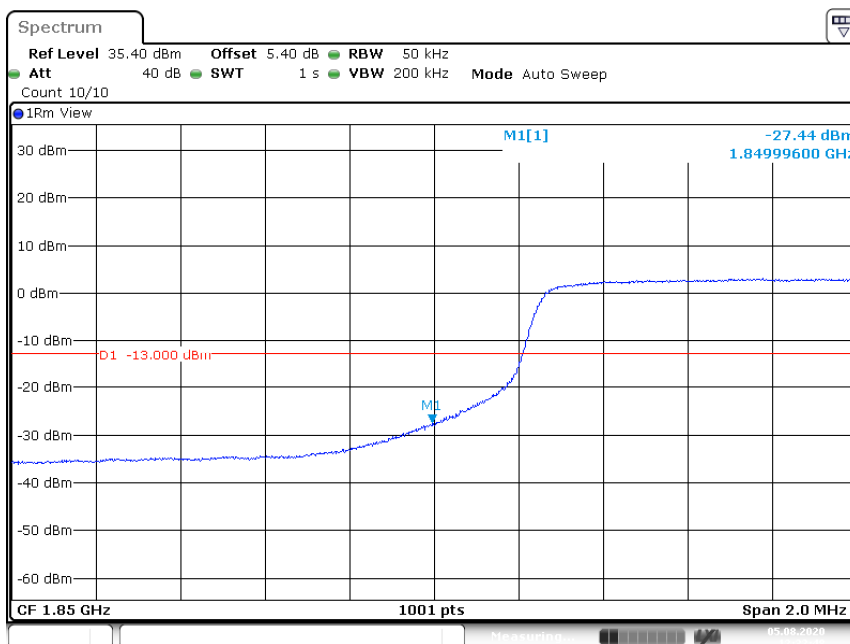
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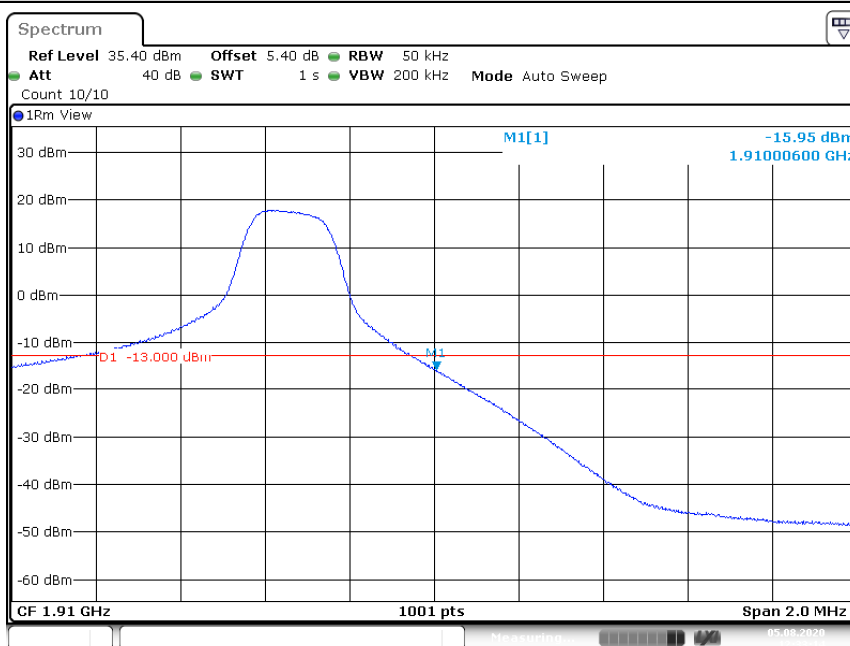


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Date: 5.AUG.2020 12:32:49

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Date: 5.AUG.2020 12:33:14



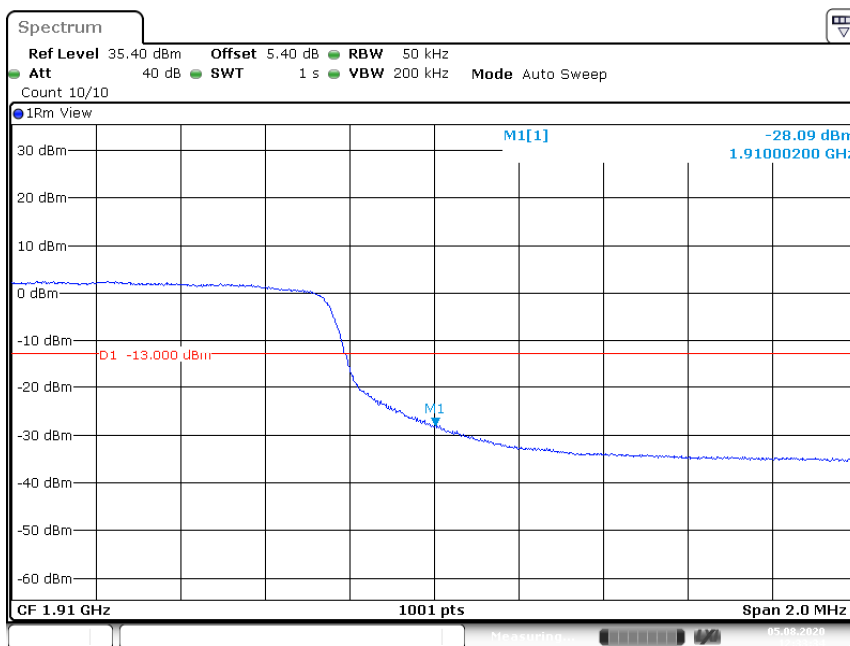
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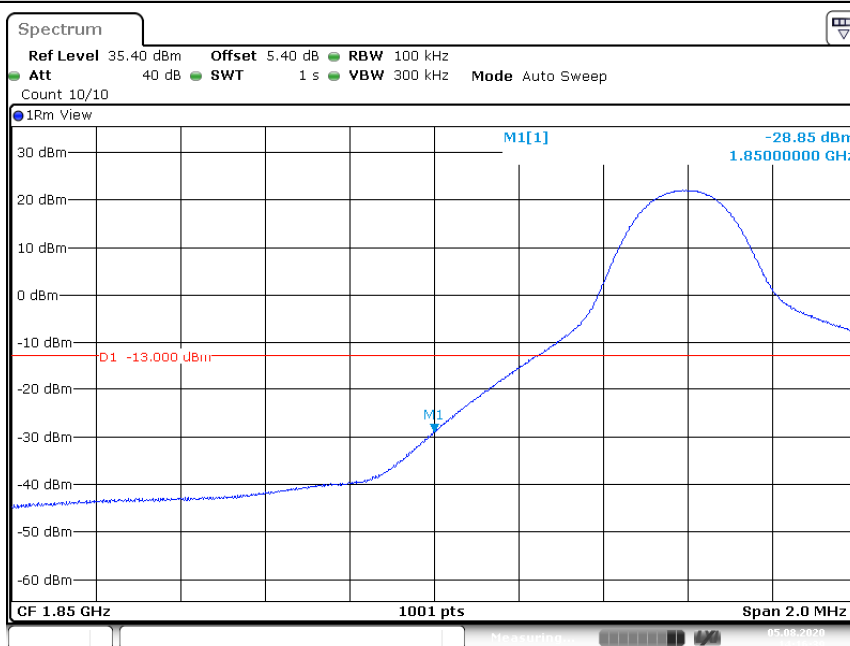


Band2-5MHz-16QAM-19175-25RB#0



Date: 5.AUG.2020 12:33:34

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Date: 5.AUG.2020 14:16:39



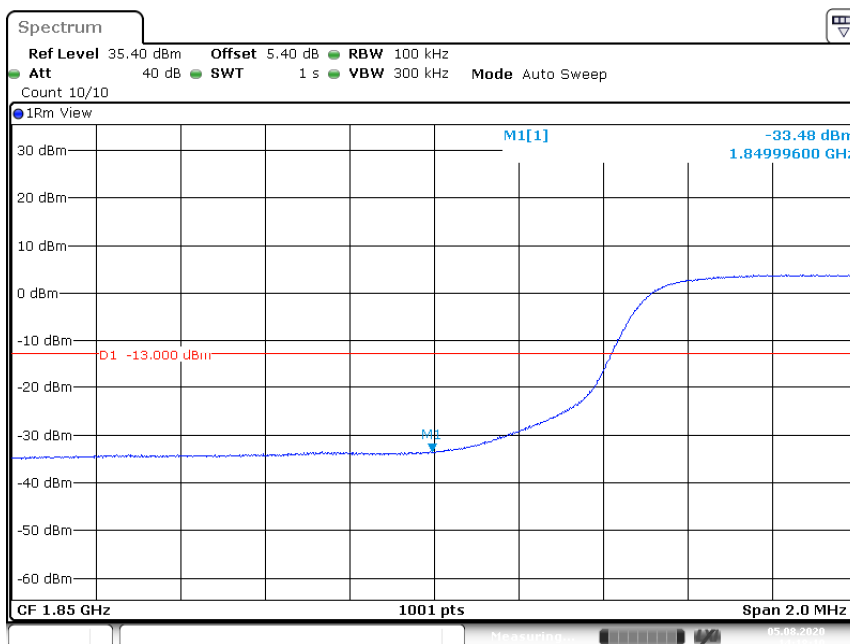
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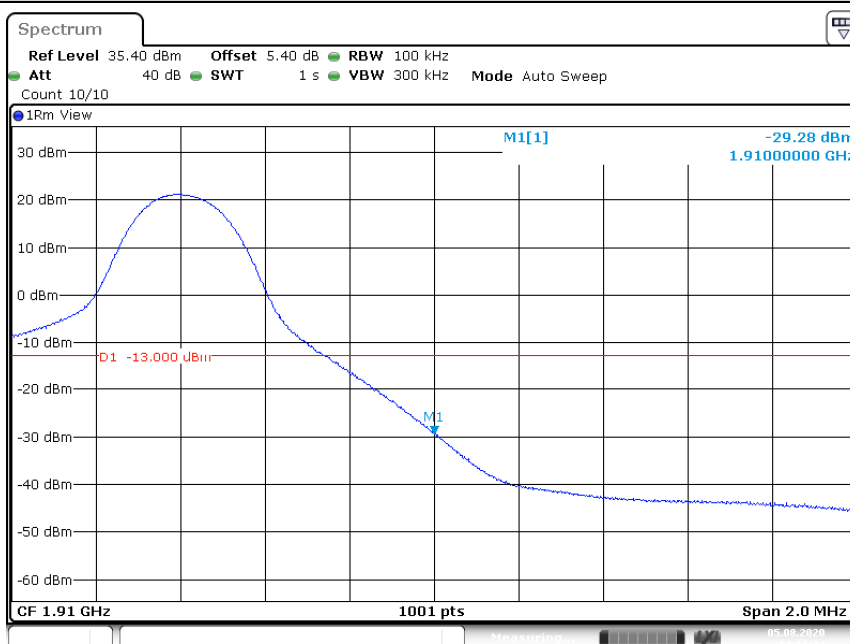


Band2-10MHz-QPSK-18650-50RB#0



Date: 5.AUG.2020 14:18:10

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



Date: 5.AUG.2020 14:17:25



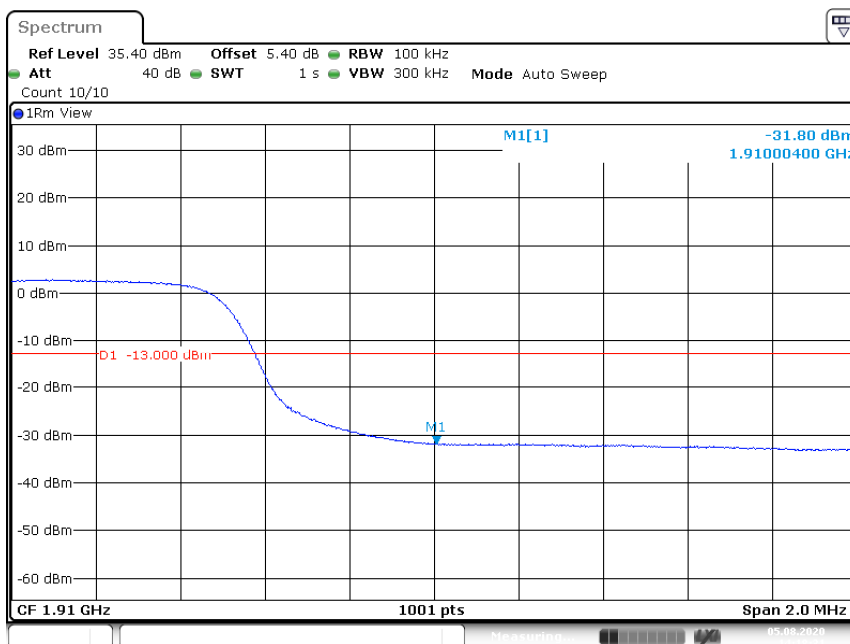
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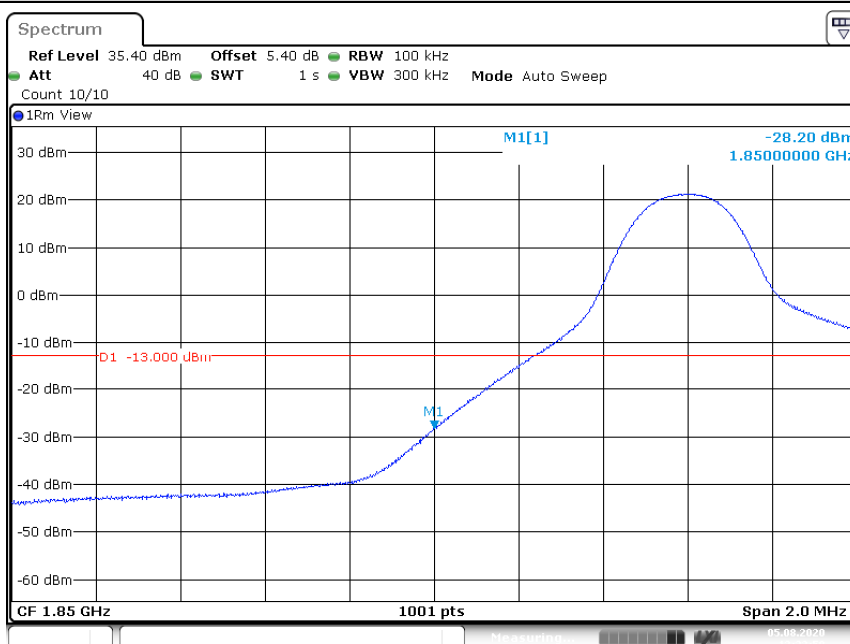


Band2-10MHz-QPSK-19150-50RB#0



Date: 5.AUG.2020 14:18:31

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



Date: 5.AUG.2020 12:34:00



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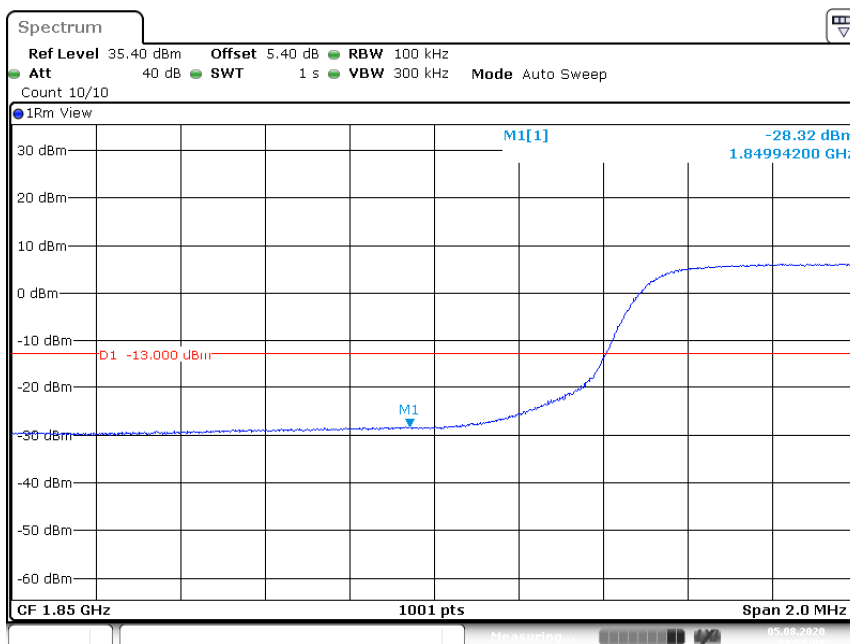
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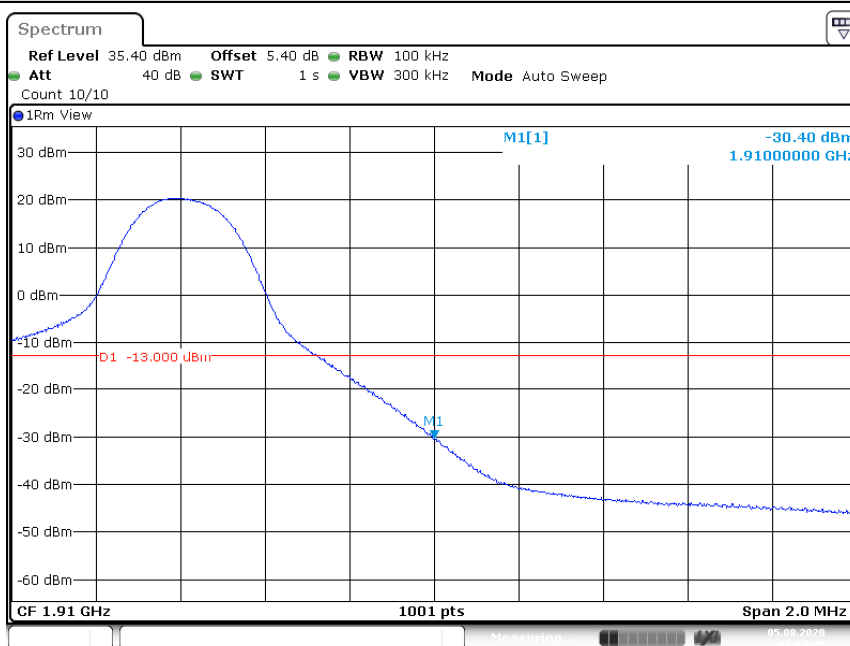


Band2-10MHz-16QAM-18650-32RB#0



Date: 5.AUG.2020 08:55:03

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



Date: 5.AUG.2020 12:34:25

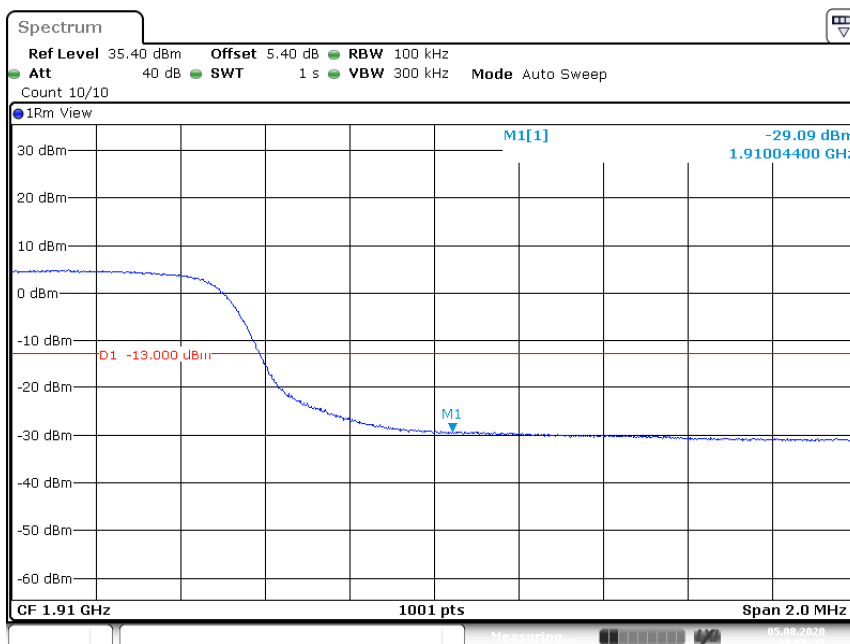


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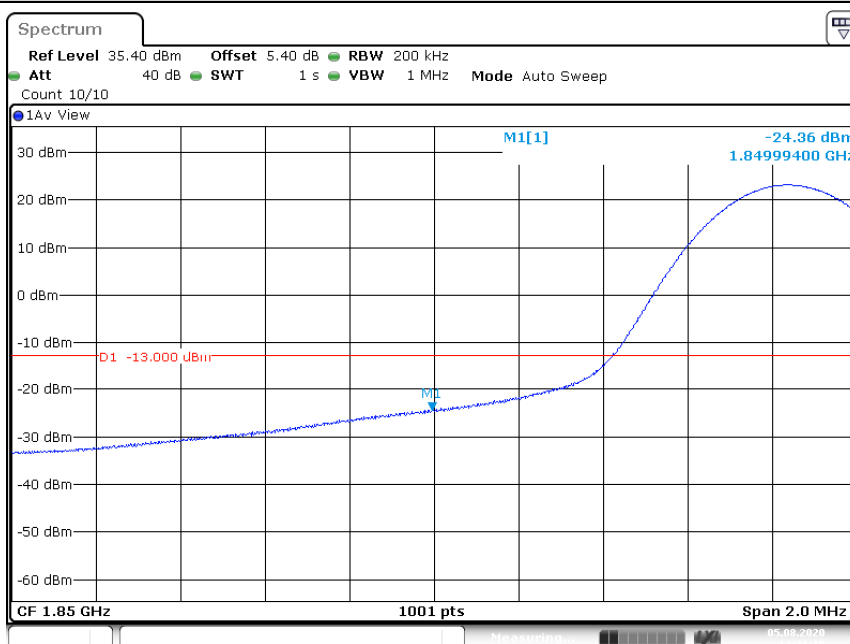


Band2-10MHz-16QAM-19150-32RB#18



Date: 5.AUG.2020 08:55:28

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



Date: 5.AUG.2020 14:21:16



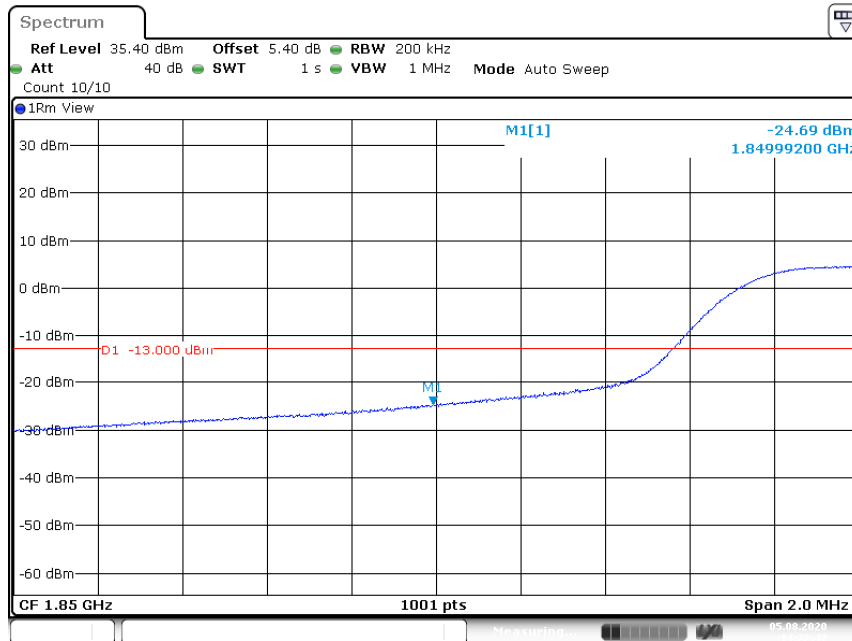
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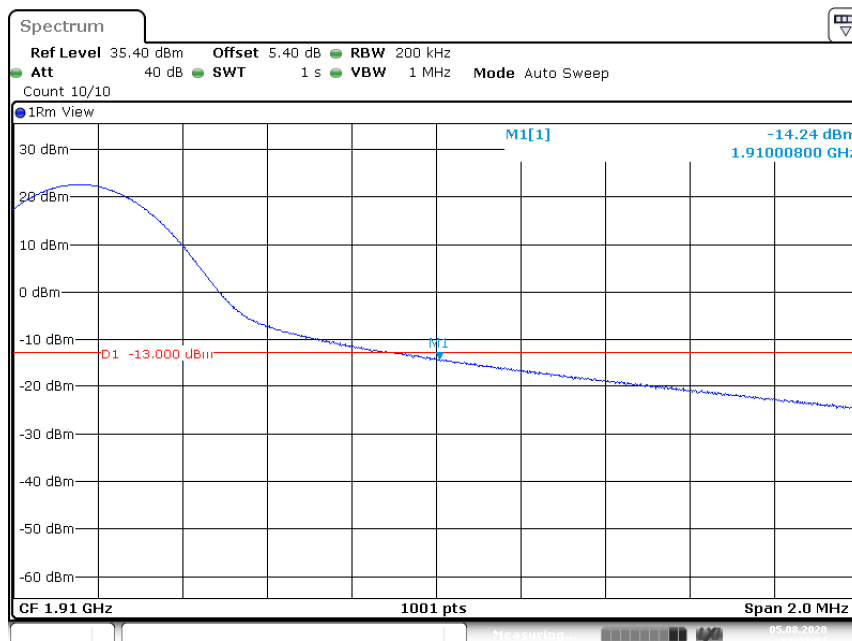


Band2-15MHz-QPSK-18675-75RB#0



Date: 5.AUG.2020 14:22:47

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

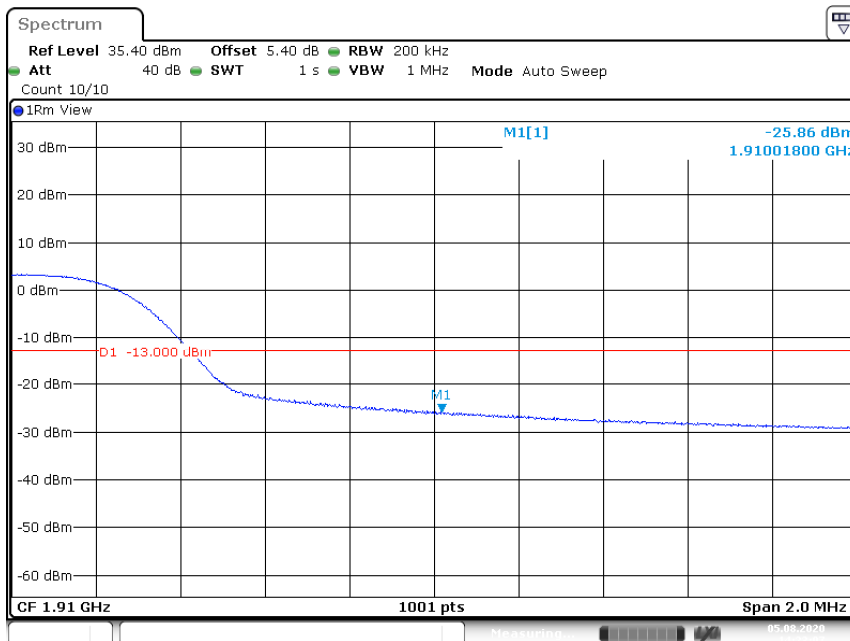


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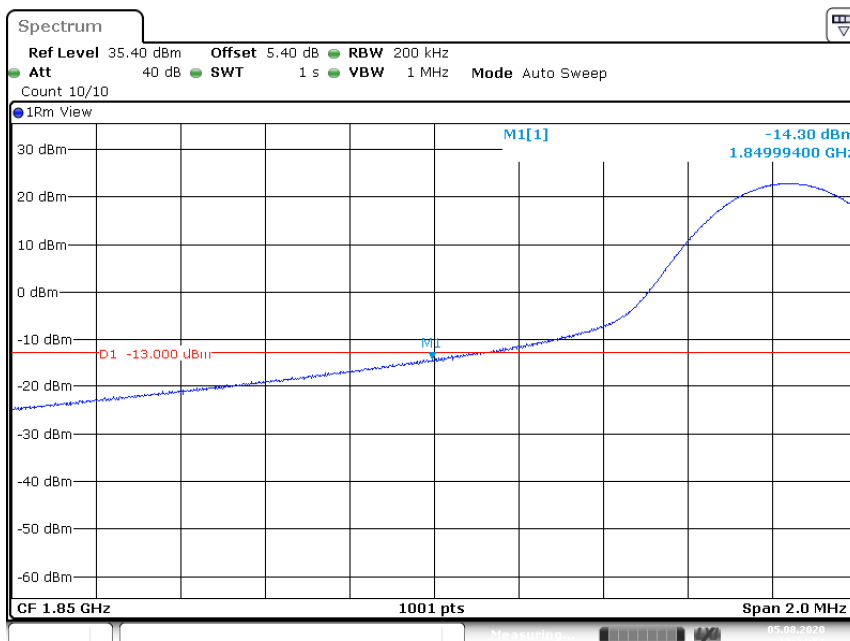


Band2-15MHz-QPSK-19125-75RB#0



Date: 5.AUG.2020 14:23:08

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



Date: 5.AUG.2020 12:34:52



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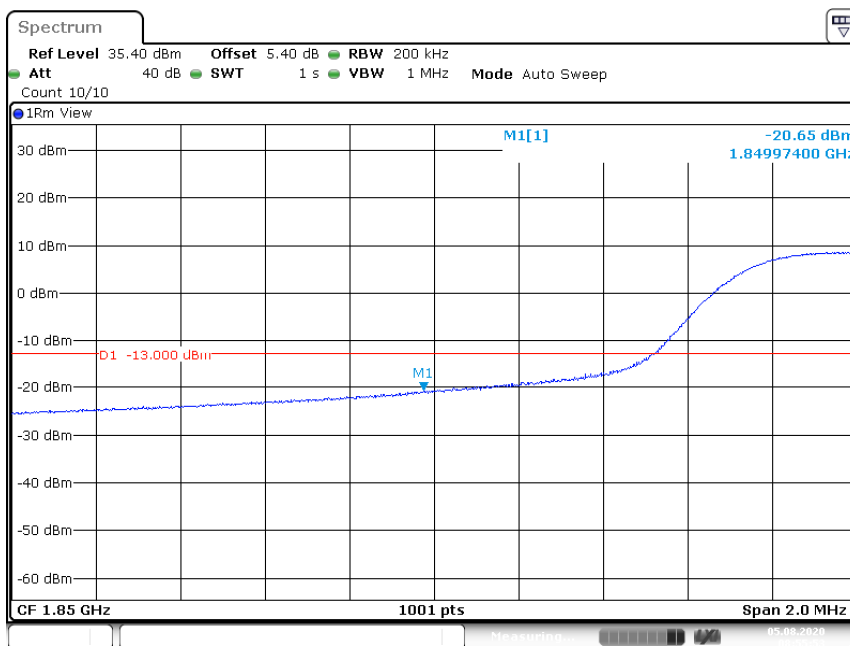
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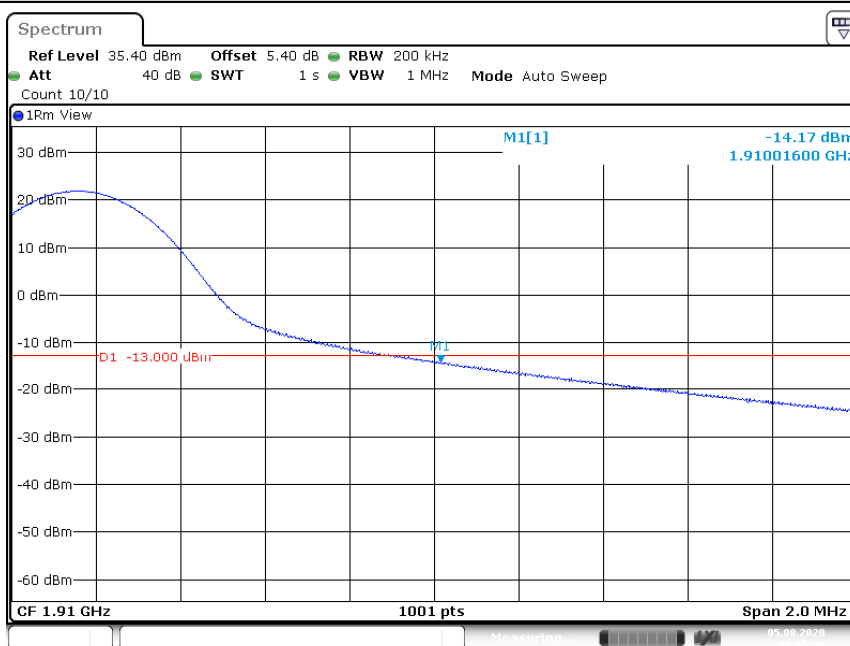


Band2-15MHz-16QAM-18675-32RB#0



Date: 5.AUG.2020 08:55:54

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



Date: 5.AUG.2020 12:35:17

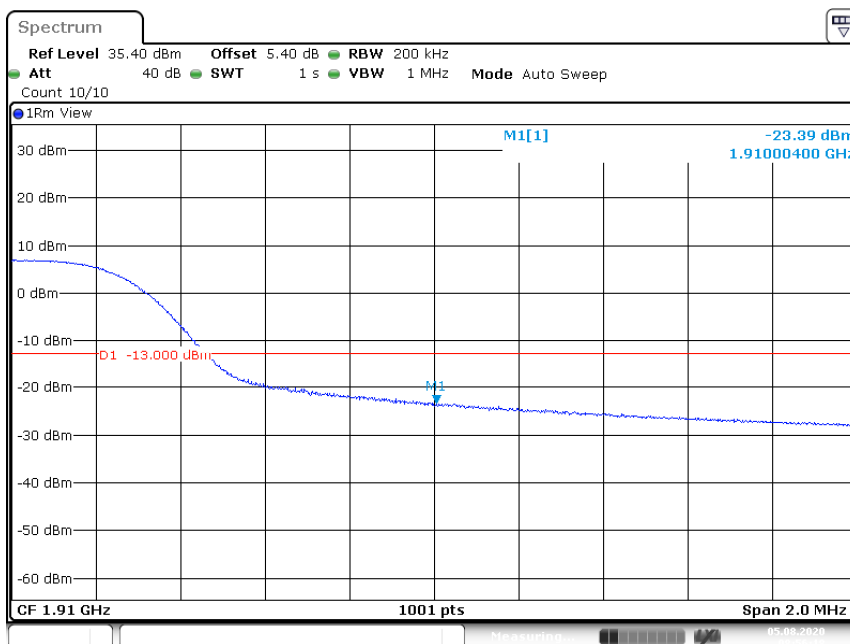


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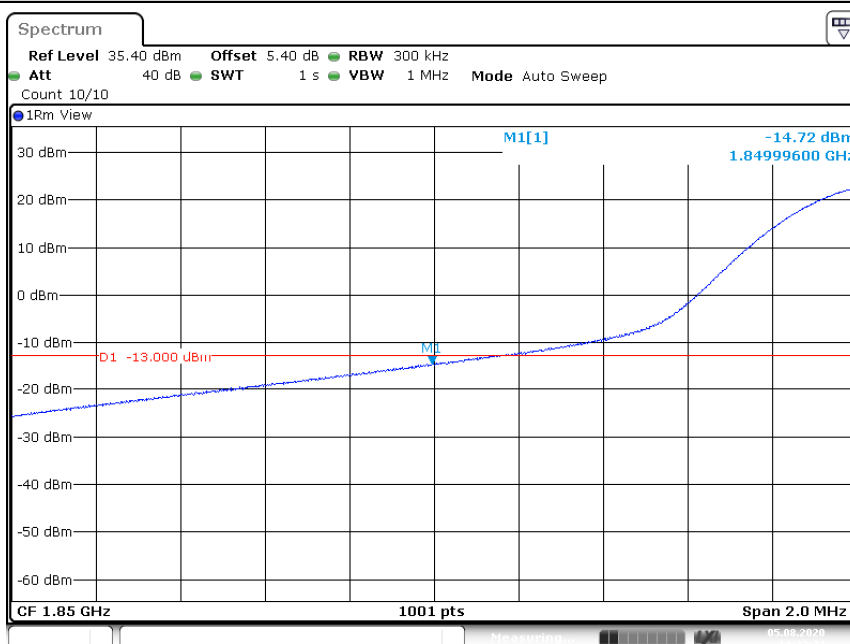


Band2-15MHz-16QAM-19125-32RB#43



Date: 5.AUG.2020 08:56:19

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

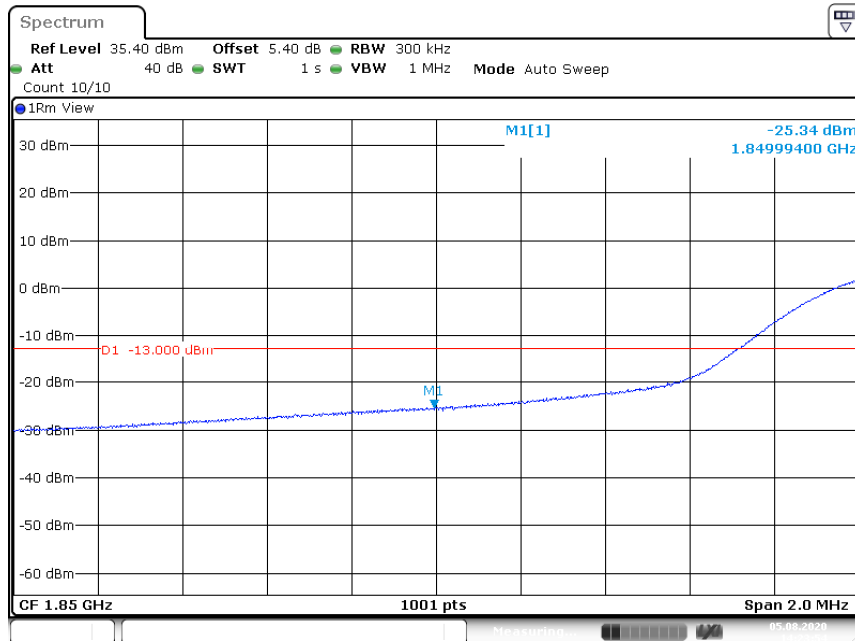


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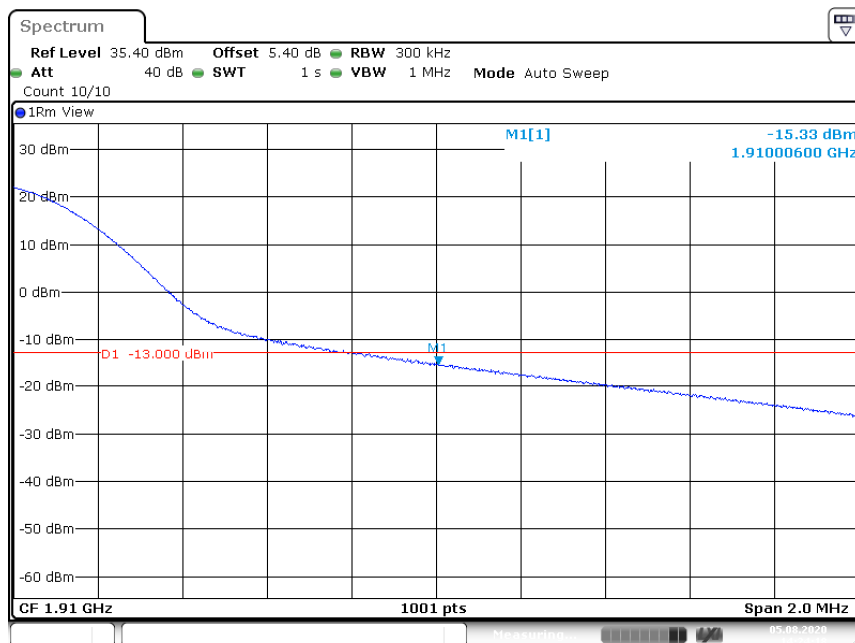


Band2-20MHz-QPSK-18700-100RB#0



Date: 5.AUG.2020 14:23:53

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

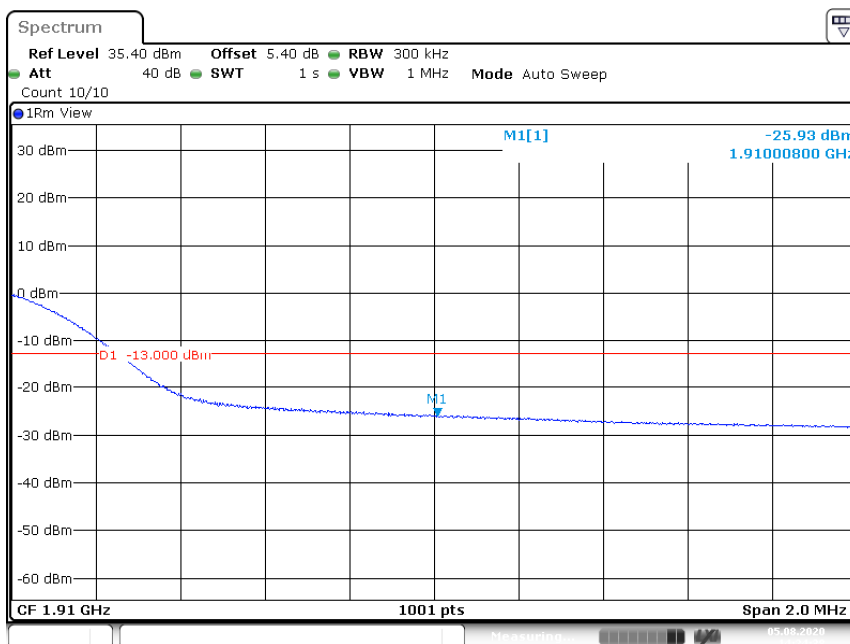


Date: 5.AUG.2020 14:24:18



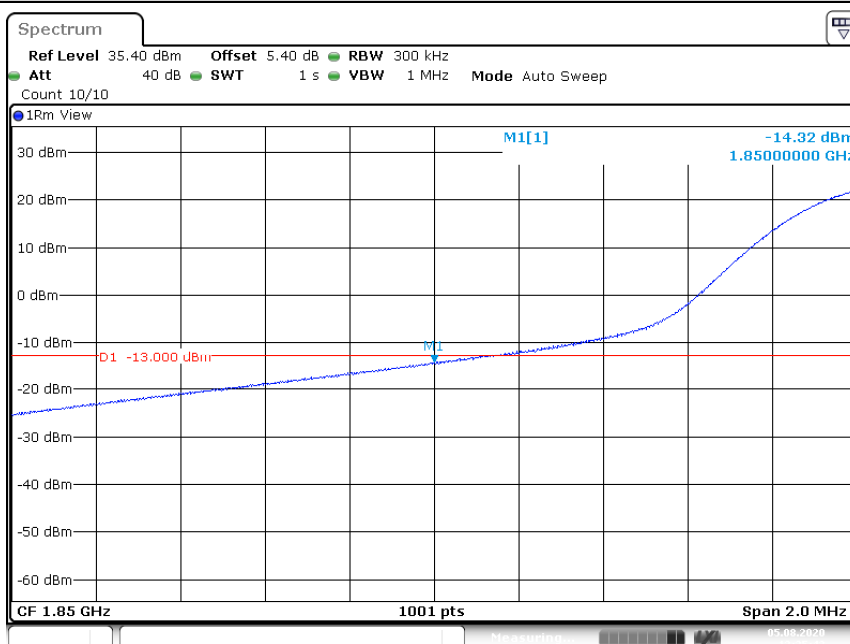


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Date: 5.AUG.2020 14:24:39

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

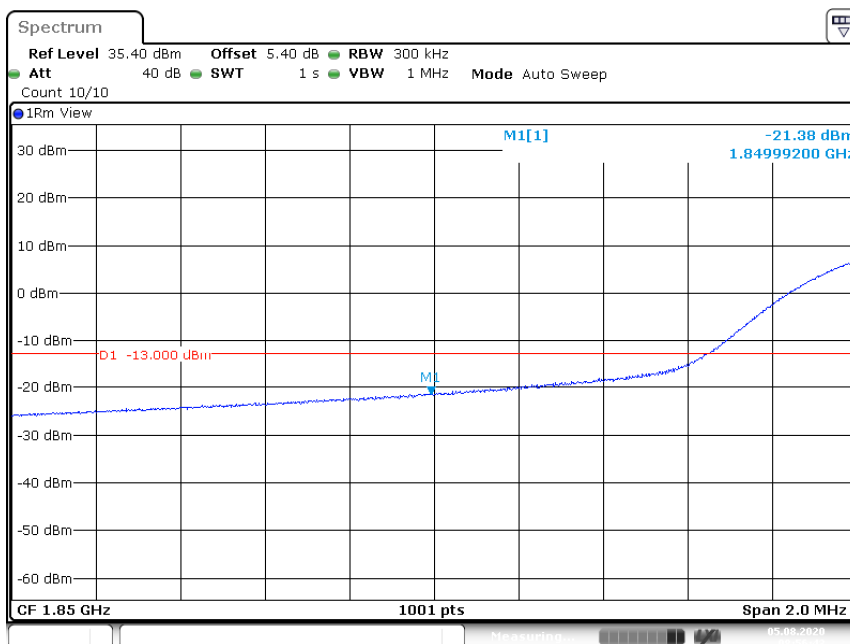


Date: 5.AUG.2020 12:35:42



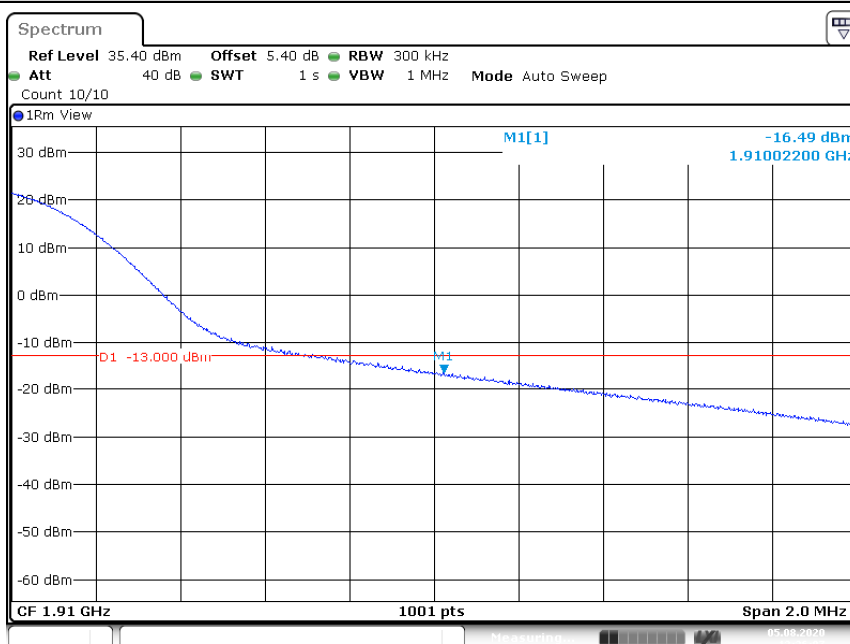


Band2-20MHz-16QAM-18700-32RB#0



Date: 5.AUG.2020 08:56:44

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



Date: 5.AUG.2020 12:36:08



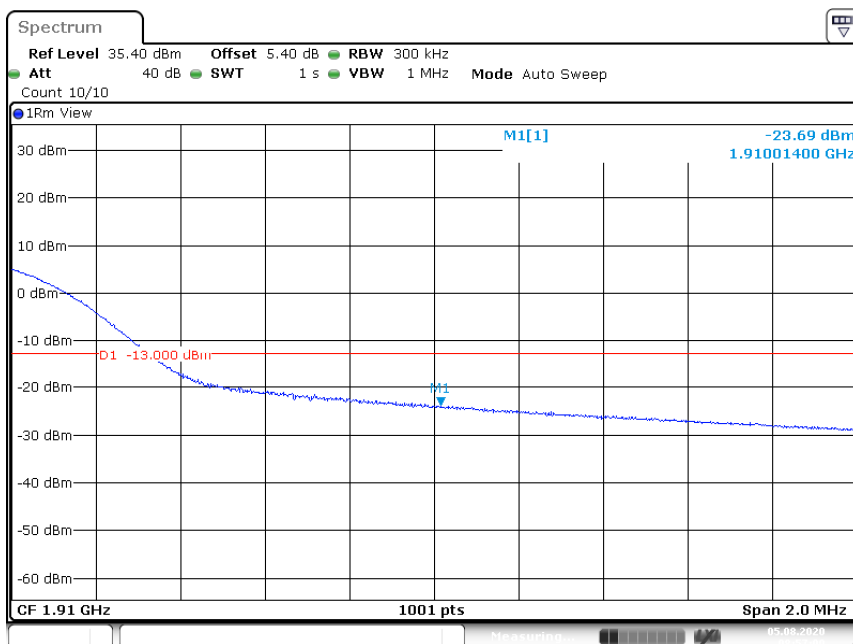
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Band2-20MHz-16QAM-19100-32RB#68



Date: 5.AUG.2020 08:57:09



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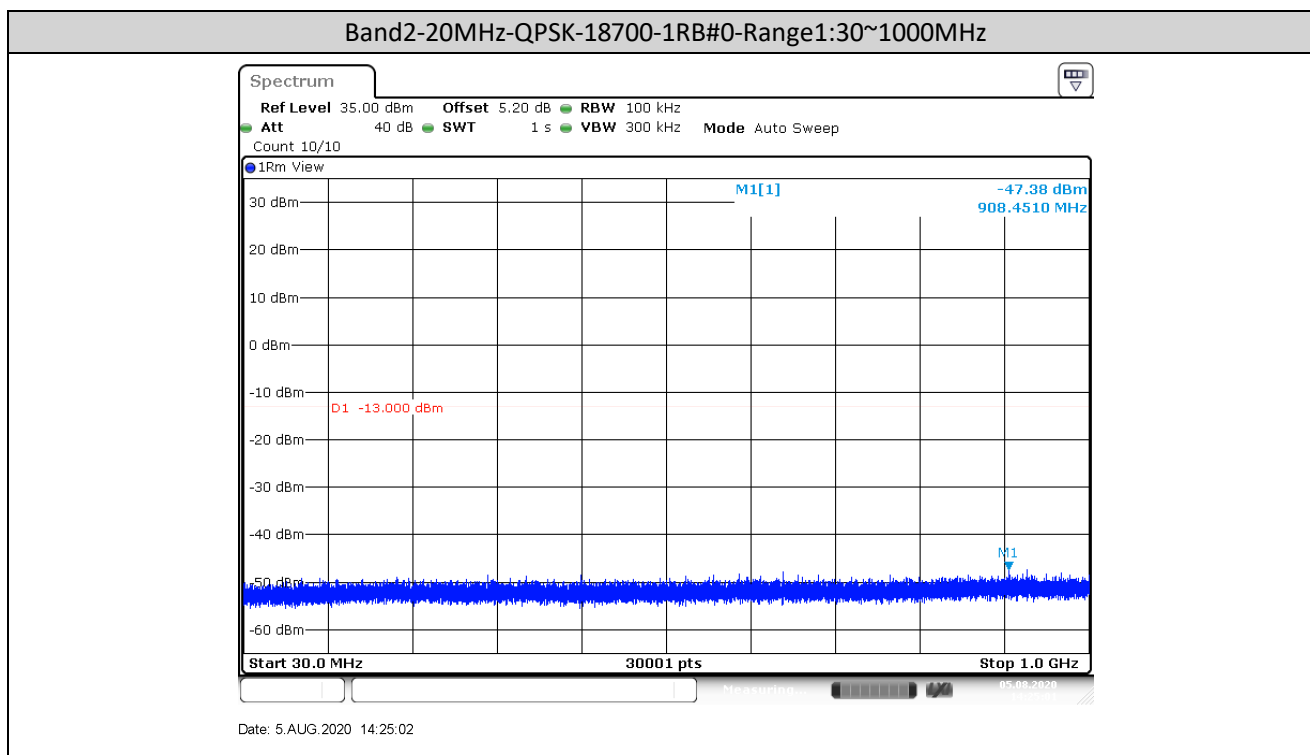
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6. Spurious Emission at Antenna Terminal

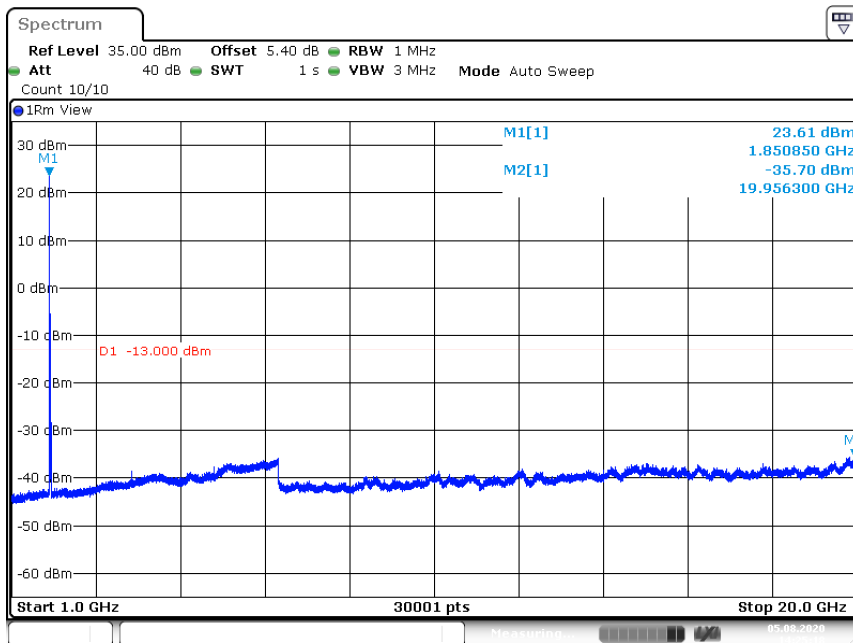
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =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

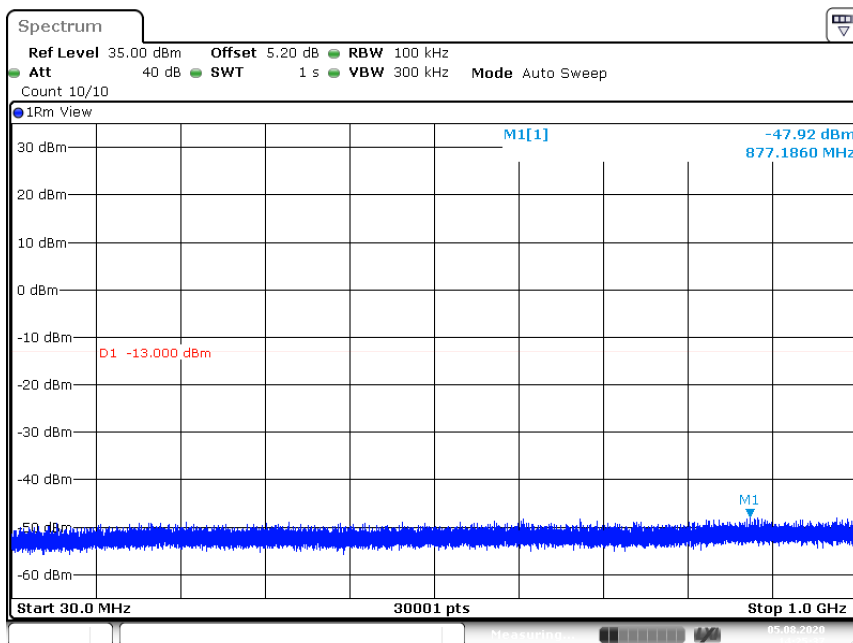


Band2-20MHz-QPSK-18700-1RB#0-Range2:1000~20000MHz



Date: 5.AUG.2020 14:25:18

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



Date: 5.AUG.2020 14:25:37



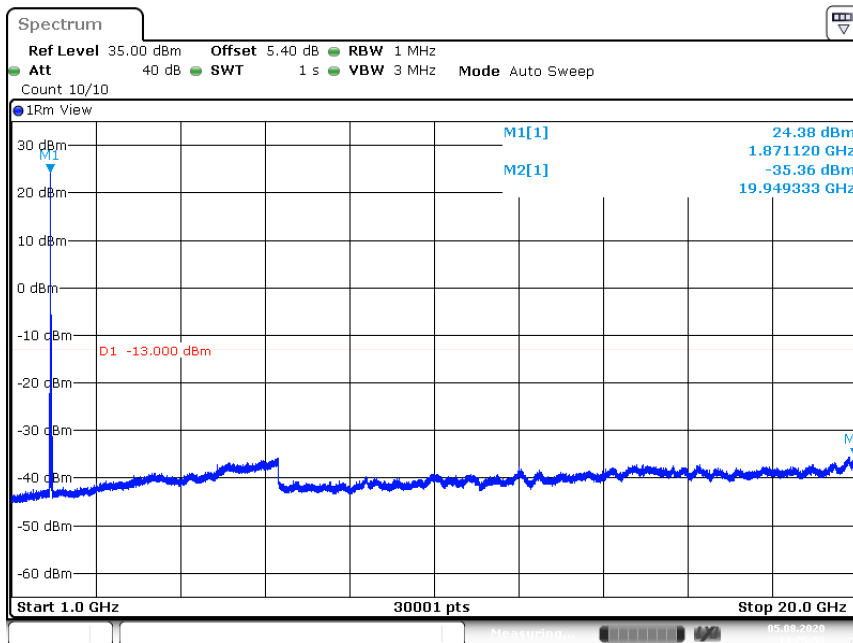
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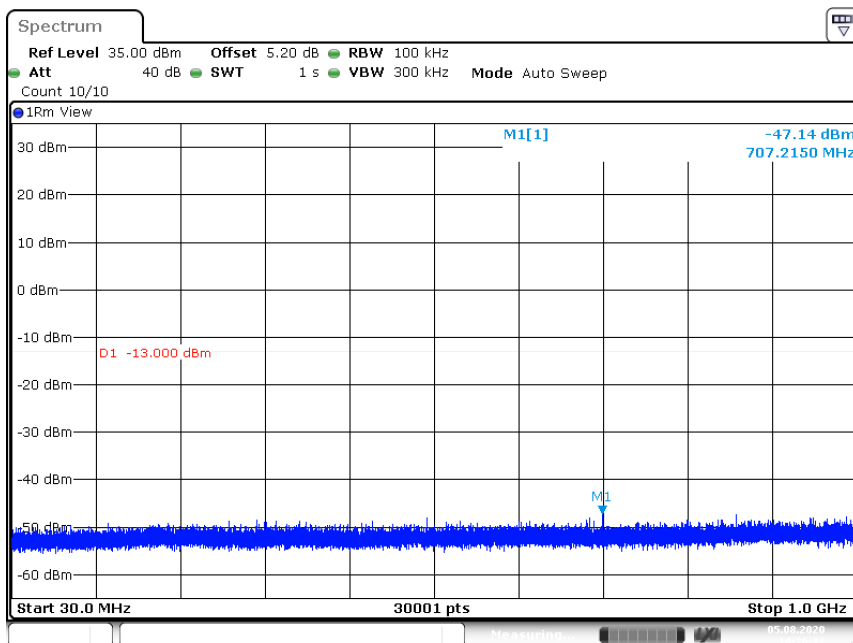
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Band2-20MHz-QPSK-18900-1RB#0-Range2:1000~20000MHz



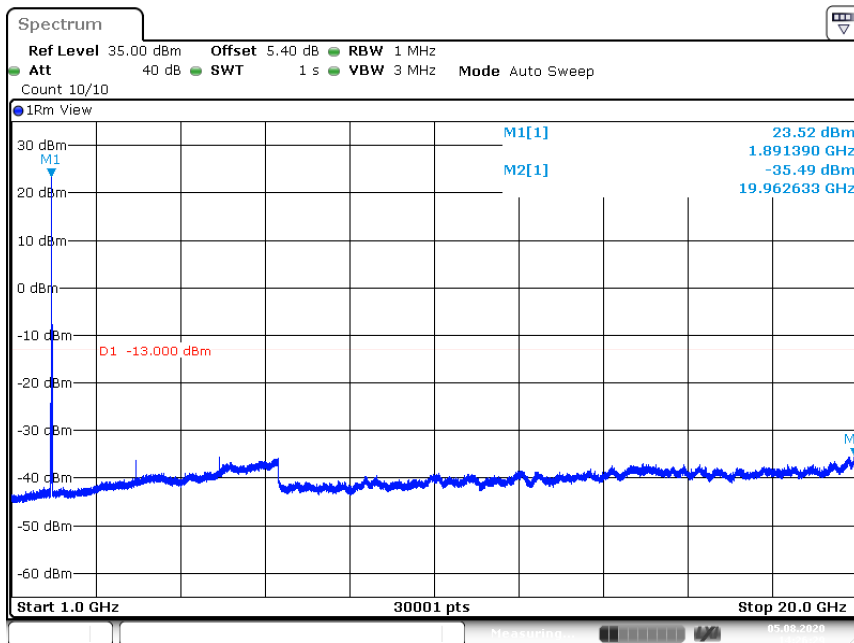
Band2-20MHz-QPSK-19100-1RB#0-Range1:30~1000MHz



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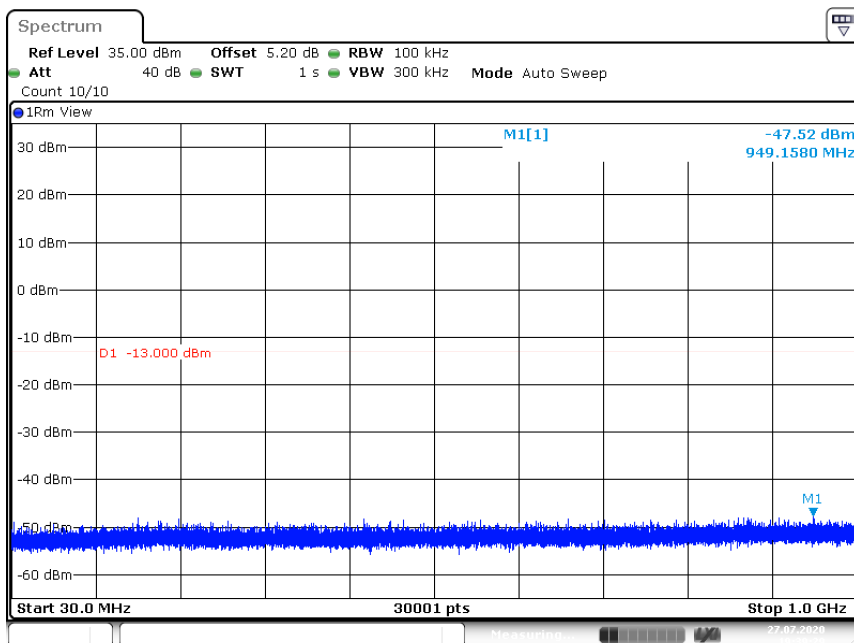
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Band2-20MHz-QPSK-19100-1RB#0-Range2:1000~20000MHz



Date: 5.AUG.2020 14:26:29

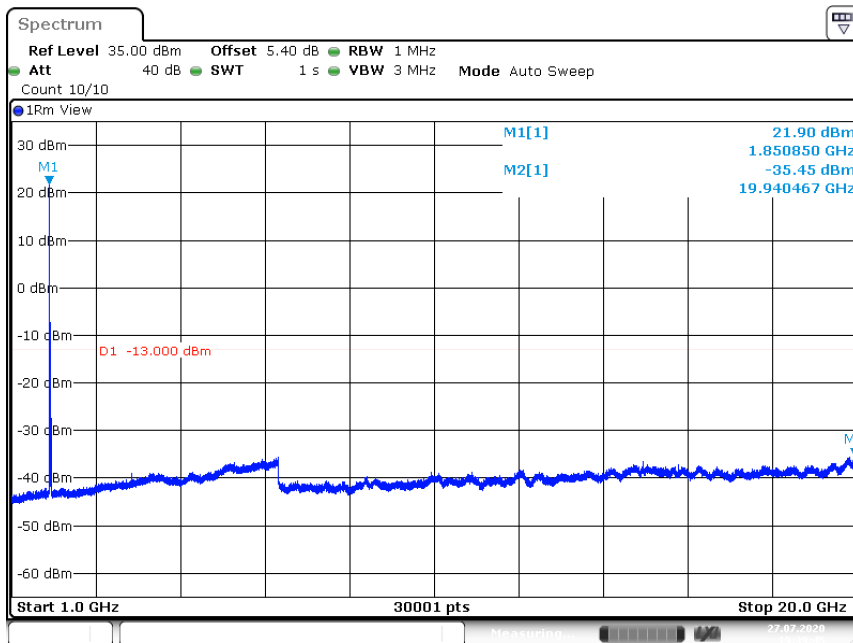
Band2-20MHz-16QAM-18700-1RB#0-Range1:30~1000MHz



Date: 27.JUL.2020 19:39:29

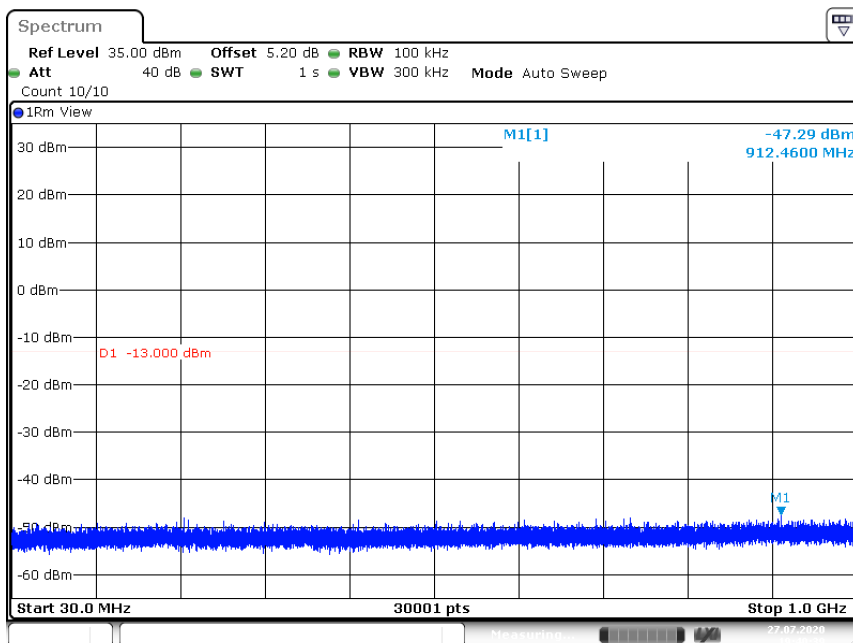


Band2-20MHz-16QAM-18700-1RB#0-Range2:1000~20000MHz



Date: 27.JUL.2020 19:39:46

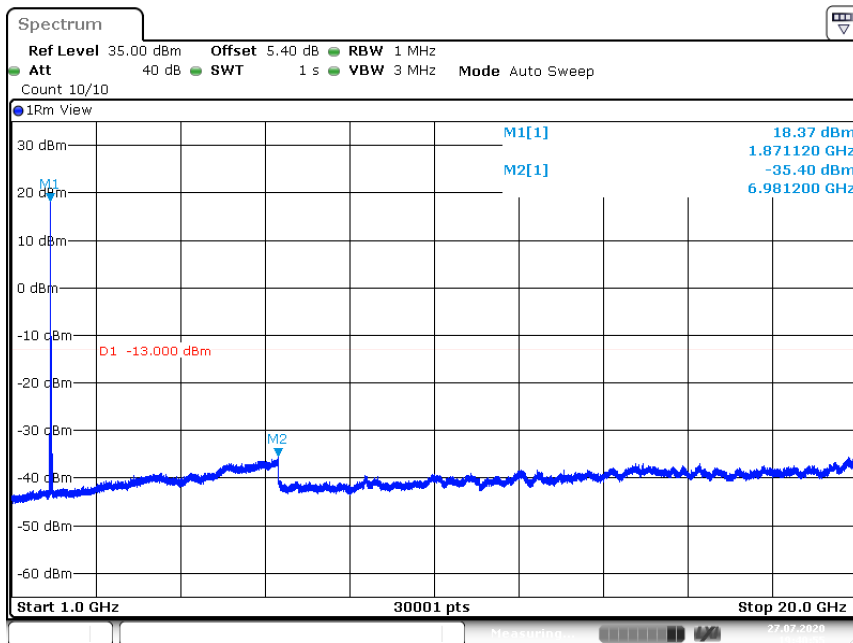
Band2-20MHz-16QAM-18900-1RB#0-Range1:30~1000MHz



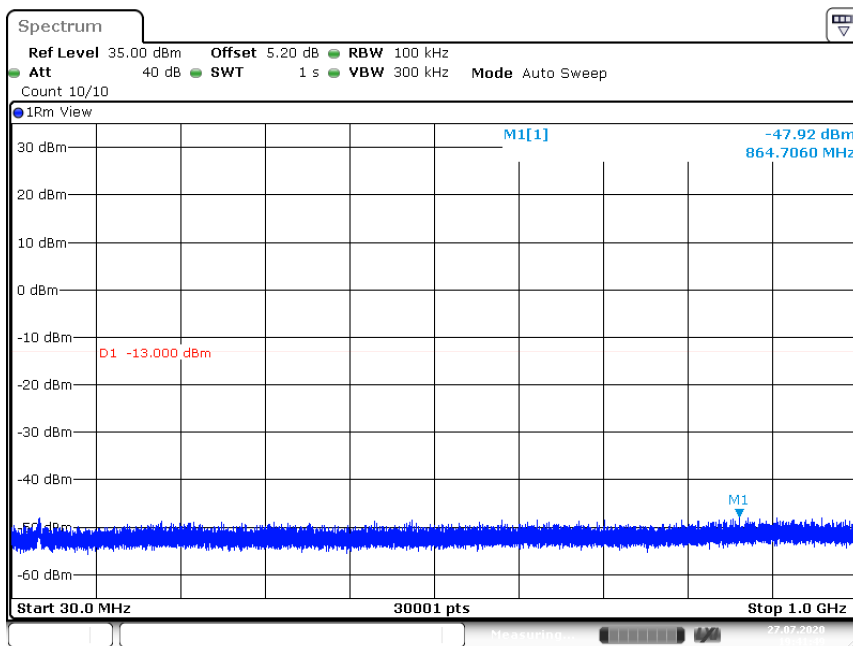
Date: 27.JUL.2020 19:40:39



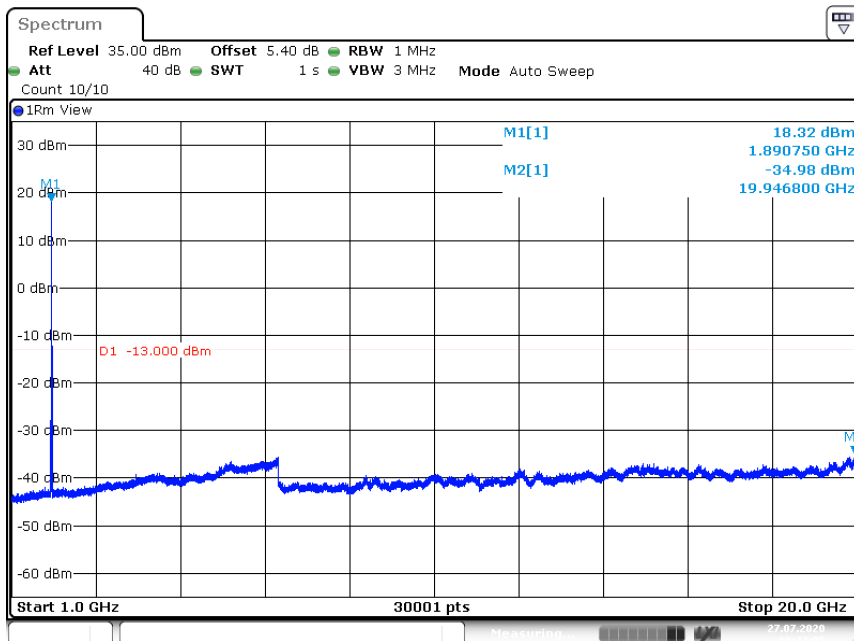
Band2-20MHz-16QAM-18900-1RB#0-Range2:1000~20000MHz



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



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



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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 20MHz

7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
78.4054	-57.74	-13.00	44.74	Vertical
248.8429	-65.92	-13.00	52.92	Vertical
3702.0234	-49.19	-13.00	36.19	Vertical
5553.0851	-55.72	-13.00	42.72	Vertical
7404.1468	-48.12	-13.00	35.12	Vertical
17996.4999	-39.32	-13.00	26.32	Vertical
45.5693	-63.56	-13.00	50.56	Horizontal
164.2547	-63.72	-13.00	50.72	Horizontal
3702.0234	-39.70	-13.00	26.70	Horizontal
5553.5851	-45.71	-13.00	32.71	Horizontal
10587.7529	-52.27	-13.00	39.27	Horizontal
16390.4463	-43.31	-13.00	30.31	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
78.0659	-58.51	-13.00	45.51	Vertical
340.5125	-62.27	-13.00	49.27	Vertical
3742.5248	-52.23	-13.00	39.23	Vertical
5613.0871	-56.04	-13.00	43.04	Vertical
7484.1495	-50.52	-13.00	37.52	Vertical
17997.9999	-39.27	-13.00	26.27	Vertical
44.8417	-64.21	-13.00	51.21	Horizontal
165.0308	-64.97	-13.00	51.97	Horizontal
341.7736	-63.10	-13.00	50.10	Horizontal
3742.0247	-38.69	-13.00	25.69	Horizontal
5613.0871	-47.14	-13.00	34.14	Horizontal
16399.4466	-43.25	-13.00	30.25	Horizontal



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7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
78.5509	-57.64	-13.00	44.64	Vertical
337.6994	-62.87	-13.00	49.87	Vertical
3782.0261	-50.52	-13.00	37.52	Vertical
5673.0891	-50.43	-13.00	37.43	Vertical
7564.6522	-51.18	-13.00	38.18	Vertical
17996.4999	-39.75	-13.00	26.75	Vertical
40.8160	-62.38	-13.00	49.38	Horizontal
165.9038	-64.37	-13.00	51.37	Horizontal
343.7137	-63.17	-13.00	50.17	Horizontal
3782.0261	-39.06	-13.00	26.06	Horizontal
5673.0891	-43.21	-13.00	30.21	Horizontal
16397.4466	-43.33	-13.00	30.33	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.





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	0.10	0.000054	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VN	NT	3.80	0.002043	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VH	NT	0.40	0.000215	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	0.10	0.000053	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	-4.50	-0.002394	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	4.30	0.002287	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VL	NT	6.30	0.003316	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VN	NT	6.60	0.003474	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VH	NT	6.10	0.003211	±2.5	PASS
Band2	20MHz	16QAM	18700	32RB#0	VL	NT	-12.00	-0.006452	±2.5	PASS
Band2	20MHz	16QAM	18700	32RB#0	VN	NT	-10.00	-0.005376	±2.5	PASS
Band2	20MHz	16QAM	18700	32RB#0	VH	NT	-6.50	-0.003495	±2.5	PASS
Band2	20MHz	16QAM	18900	32RB#0	VL	NT	-9.00	-0.004787	±2.5	PASS
Band2	20MHz	16QAM	18900	32RB#0	VN	NT	-7.00	-0.003723	±2.5	PASS
Band2	20MHz	16QAM	18900	32RB#0	VH	NT	-1.30	-0.000691	±2.5	PASS
Band2	20MHz	16QAM	19100	32RB#0	VL	NT	-2.70	-0.001421	±2.5	PASS
Band2	20MHz	16QAM	19100	32RB#0	VN	NT	-4.20	-0.002211	±2.5	PASS
Band2	20MHz	16QAM	19100	32RB#0	VH	NT	-3.90	-0.002053	±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	-3.20	-0.001720	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-20	-5.90	-0.003172	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-10	1.40	0.000753	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	0	5.50	0.002957	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	10	-0.50	-0.000269	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	20	-5.80	-0.003118	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	30	3.70	0.001989	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	40	-3.20	-0.001720	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	50	1.40	0.000753	±2.5	PASS



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Band2	20MHz	QPSK	18900	100RB#0	NV	-30	5.50	0.002926	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	3.70	0.001968	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	-0.90	-0.000479	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	3.30	0.001755	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	4.30	0.002287	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	-0.50	-0.000266	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	5.30	0.002819	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	-0.30	-0.000160	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	4.10	0.002181	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-30	6.40	0.003368	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-20	4.40	0.002316	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-10	-3.10	-0.001632	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	0	-0.50	-0.000263	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	10	4.10	0.002158	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	20	5.40	0.002842	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	30	2.20	0.001158	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	40	4.00	0.002105	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	50	5.00	0.002632	±2.5	PASS
Band2	20MHz	16QAM	18700	32RB#0	NV	-30	-8.90	-0.004785	±2.5	PASS
Band2	20MHz	16QAM	18700	32RB#0	NV	-20	-8.40	-0.004516	±2.5	PASS
Band2	20MHz	16QAM	18700	32RB#0	NV	-10	1.50	0.000806	±2.5	PASS
Band2	20MHz	16QAM	18700	32RB#0	NV	0	-9.00	-0.004839	±2.5	PASS
Band2	20MHz	16QAM	18700	32RB#0	NV	10	-4.90	-0.002634	±2.5	PASS
Band2	20MHz	16QAM	18700	32RB#0	NV	20	-7.30	-0.003925	±2.5	PASS
Band2	20MHz	16QAM	18700	32RB#0	NV	30	-2.80	-0.001505	±2.5	PASS
Band2	20MHz	16QAM	18700	32RB#0	NV	40	-7.20	-0.003871	±2.5	PASS
Band2	20MHz	16QAM	18700	32RB#0	NV	50	-3.60	-0.001935	±2.5	PASS
Band2	20MHz	16QAM	18900	32RB#0	NV	-30	-6.90	-0.003670	±2.5	PASS
Band2	20MHz	16QAM	18900	32RB#0	NV	-20	-7.20	-0.003830	±2.5	PASS
Band2	20MHz	16QAM	18900	32RB#0	NV	-10	-1.00	-0.000532	±2.5	PASS
Band2	20MHz	16QAM	18900	32RB#0	NV	0	-2.50	-0.001330	±2.5	PASS
Band2	20MHz	16QAM	18900	32RB#0	NV	10	-4.10	-0.002181	±2.5	PASS
Band2	20MHz	16QAM	18900	32RB#0	NV	20	-4.70	-0.002500	±2.5	PASS
Band2	20MHz	16QAM	18900	32RB#0	NV	30	-4.20	-0.002234	±2.5	PASS
Band2	20MHz	16QAM	18900	32RB#0	NV	40	-5.20	-0.002766	±2.5	PASS
Band2	20MHz	16QAM	18900	32RB#0	NV	50	-6.80	-0.003617	±2.5	PASS
Band2	20MHz	16QAM	19100	32RB#0	NV	-30	-6.60	-0.003474	±2.5	PASS
Band2	20MHz	16QAM	19100	32RB#0	NV	-20	-3.20	-0.001684	±2.5	PASS



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Band2	20MHz	16QAM	19100	32RB#0	NV	-10	-0.90	-0.000474	±2.5	PASS
Band2	20MHz	16QAM	19100	32RB#0	NV	0	-4.40	-0.002316	±2.5	PASS
Band2	20MHz	16QAM	19100	32RB#0	NV	10	-6.10	-0.003211	±2.5	PASS
Band2	20MHz	16QAM	19100	32RB#0	NV	20	-3.90	-0.002053	±2.5	PASS
Band2	20MHz	16QAM	19100	32RB#0	NV	30	-3.90	-0.002053	±2.5	PASS
Band2	20MHz	16QAM	19100	32RB#0	NV	40	-2.10	-0.001105	±2.5	PASS
Band2	20MHz	16QAM	19100	32RB#0	NV	50	-7.90	-0.004158	±2.5	PASS

