



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	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	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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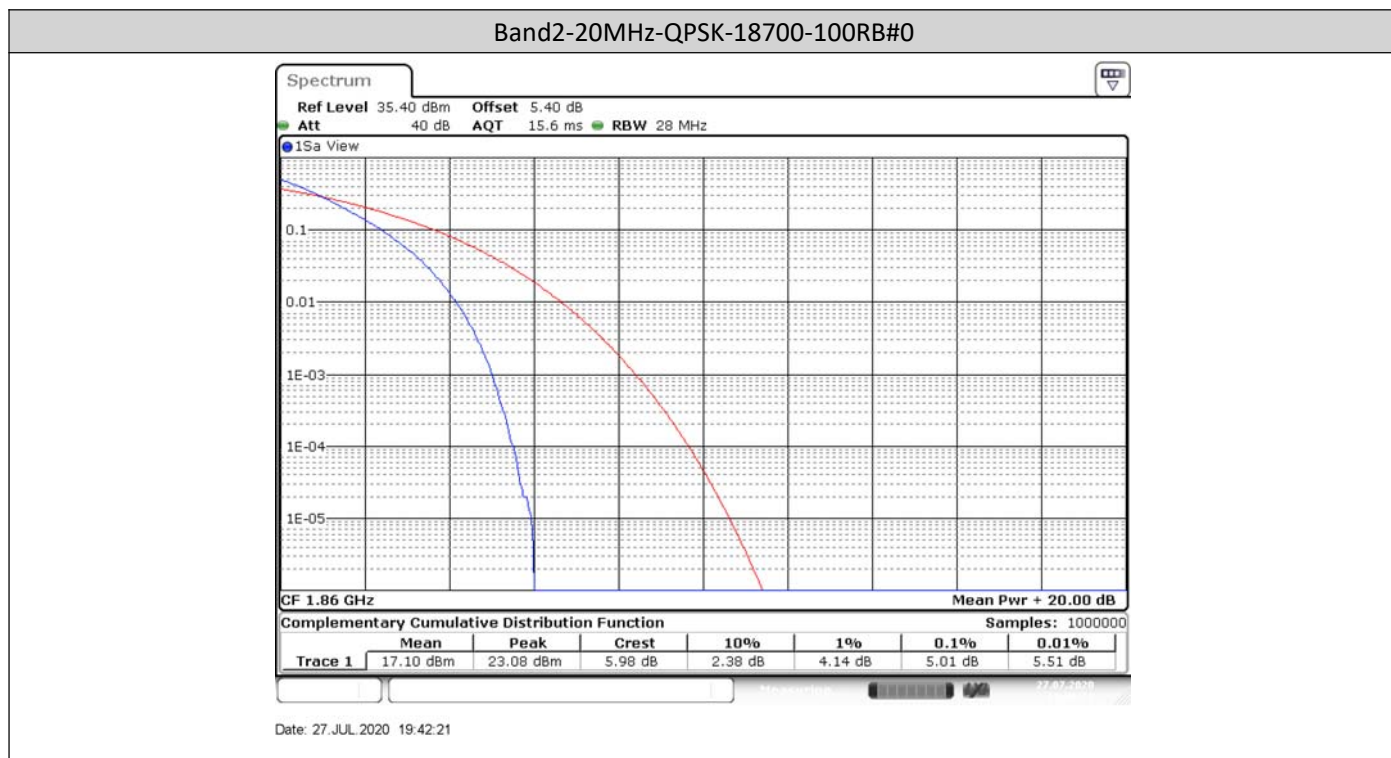
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2. Peak-to-Average Ratio (CCDF)

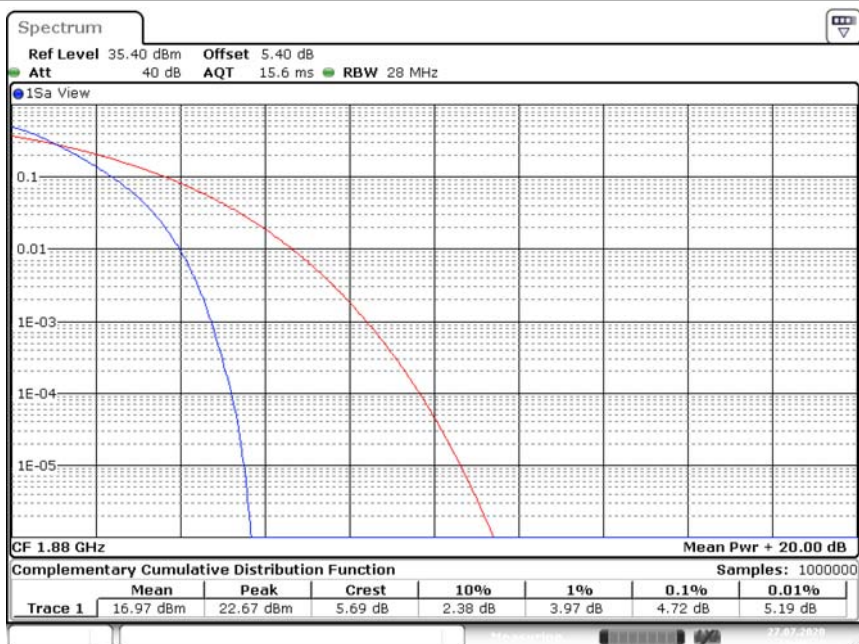
2.1. Test Result

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

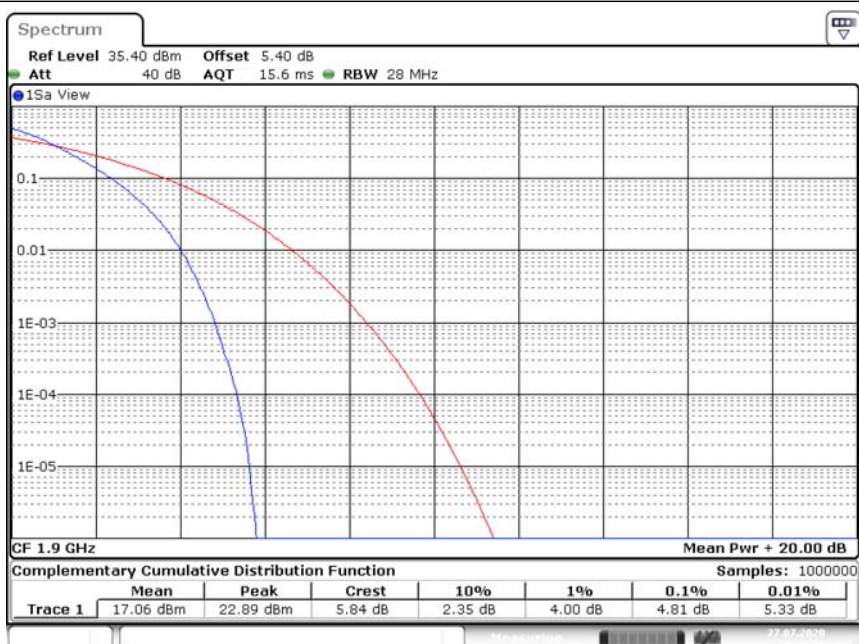


Band2-20MHz-QPSK-18900-100RB#0



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

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



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



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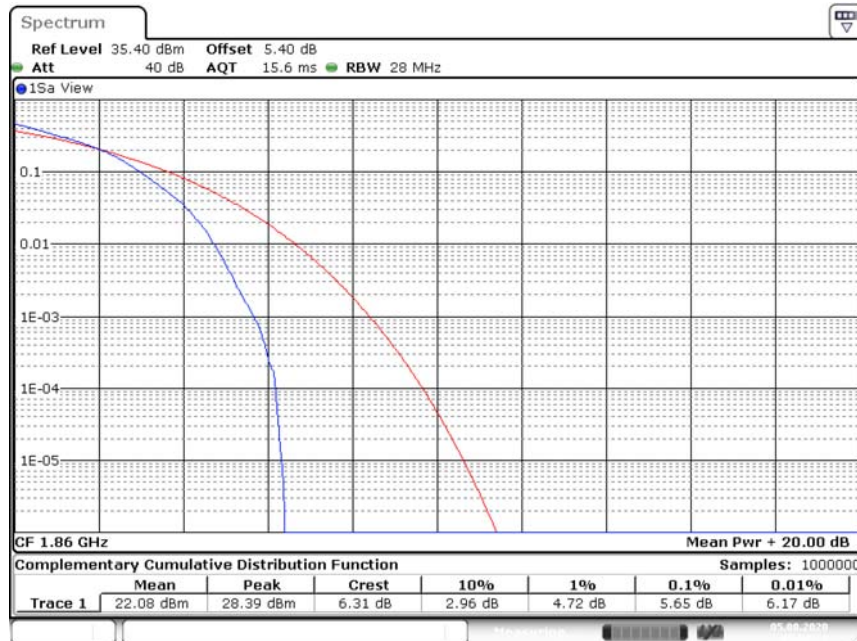
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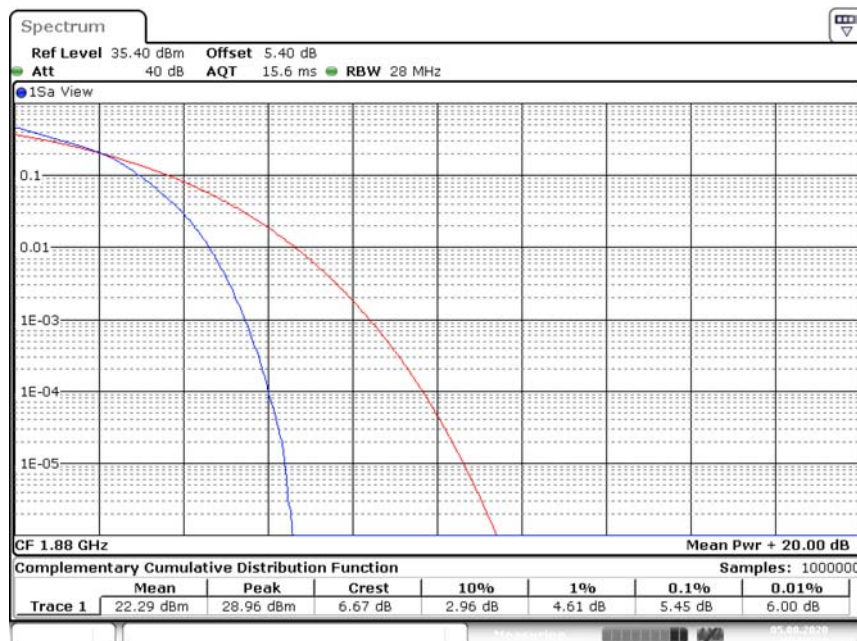


Band2-20MHz-16QAM-18700-32RB#0



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

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



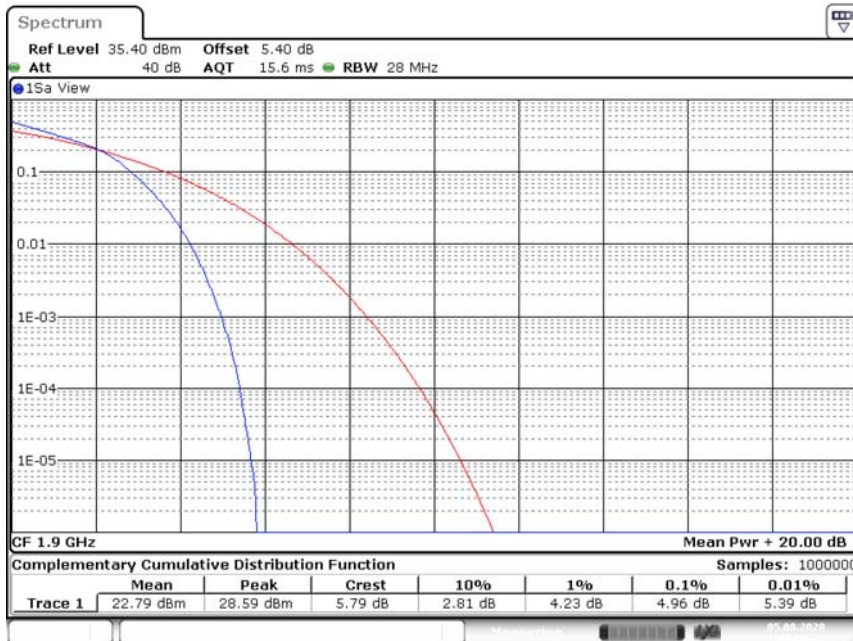
Date: 5.AUG.2020 08:57:36



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



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



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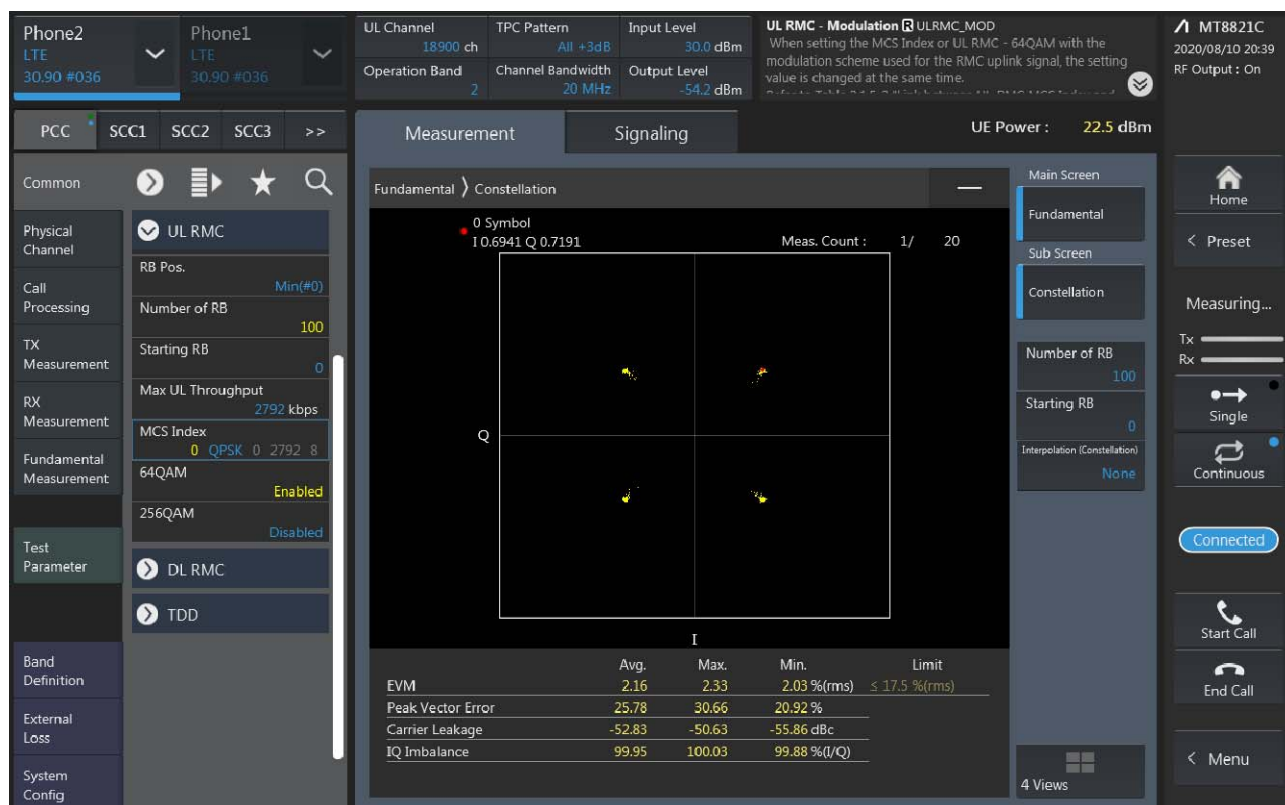
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3. Modulation Characteristics

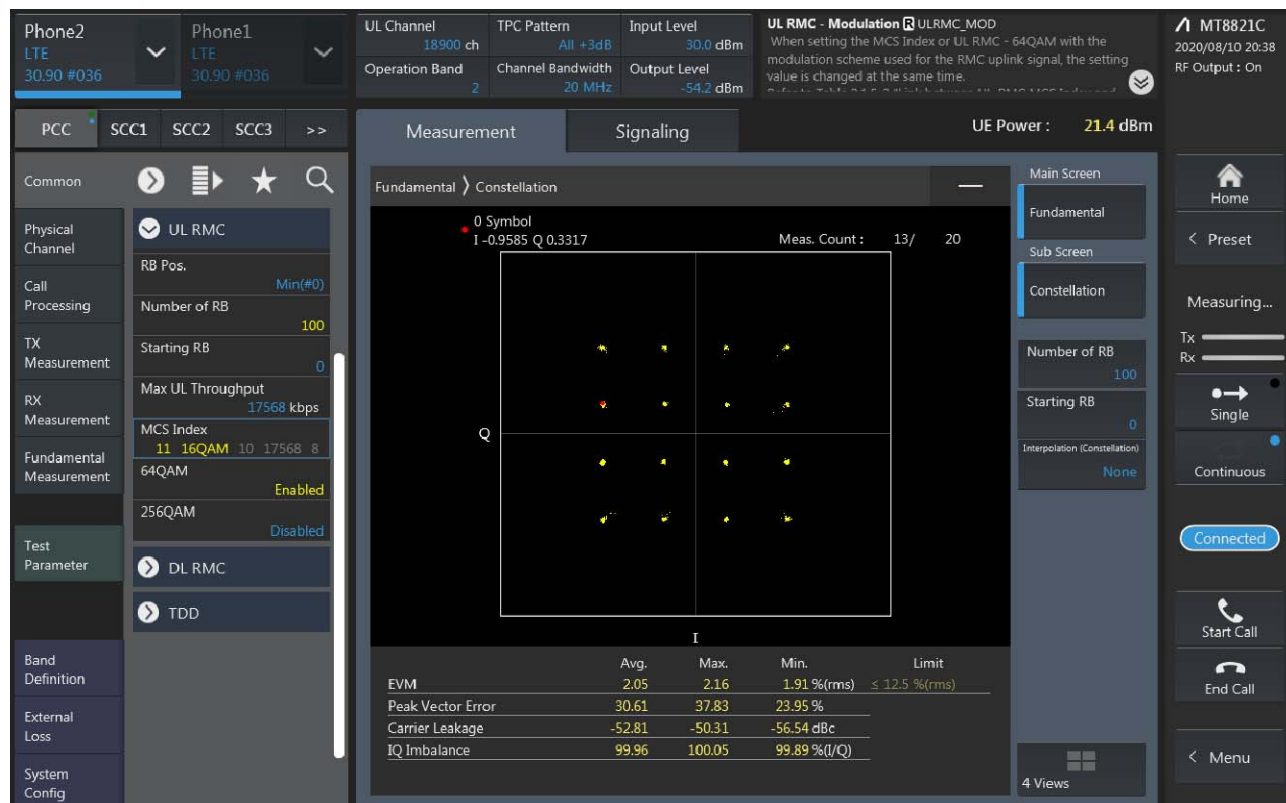
3.1. Test Mode = LTE /TM1 20MHz

3.1.1. Test Channel = MCH



3.2. Test Mode = LTE /TM2 20MHz

3.2.1. Test Channel = MCH



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



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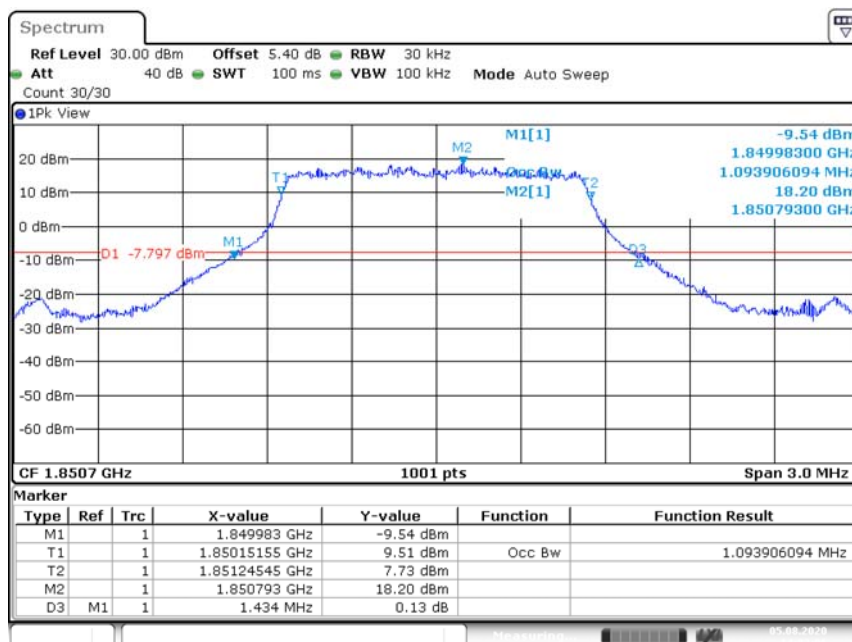
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Band2	20MHz	QPSK	18700	100RB#0	17.942	21.040	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.942	21.360	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.942	21.040	PASS
Band2	20MHz	16QAM	18700	32RB#0	8.152	14.480	PASS
Band2	20MHz	16QAM	18900	32RB#0	7.473	14.880	PASS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

4.2. Test Plots

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



Date: 5.AUG.2020 14:03:06

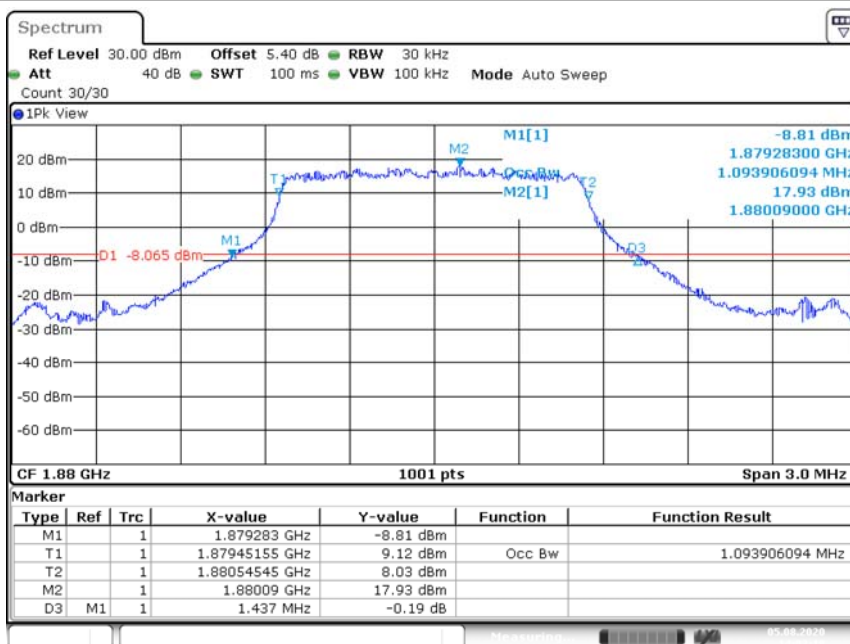


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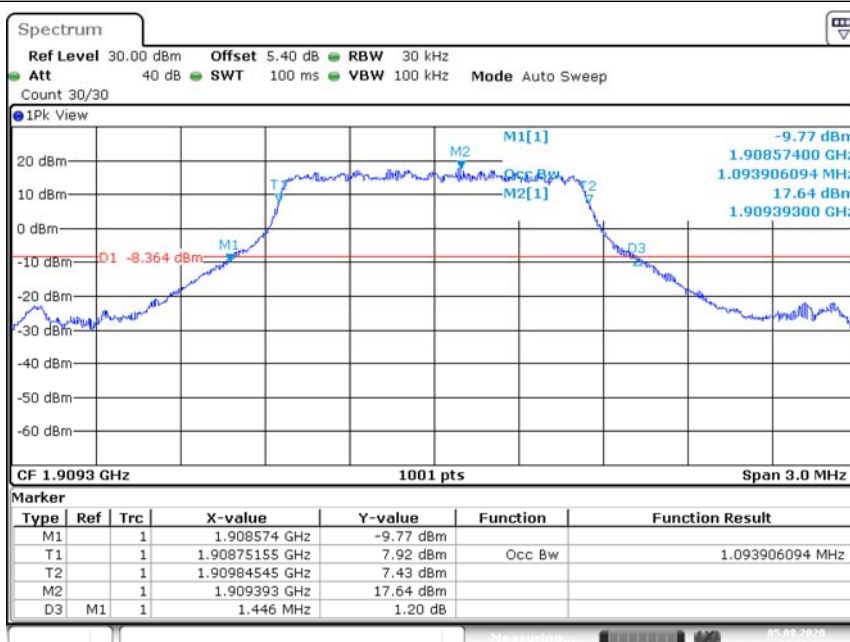
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Band2-1.4MHz-QPSK-18900-6RB#0-1.094



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

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



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



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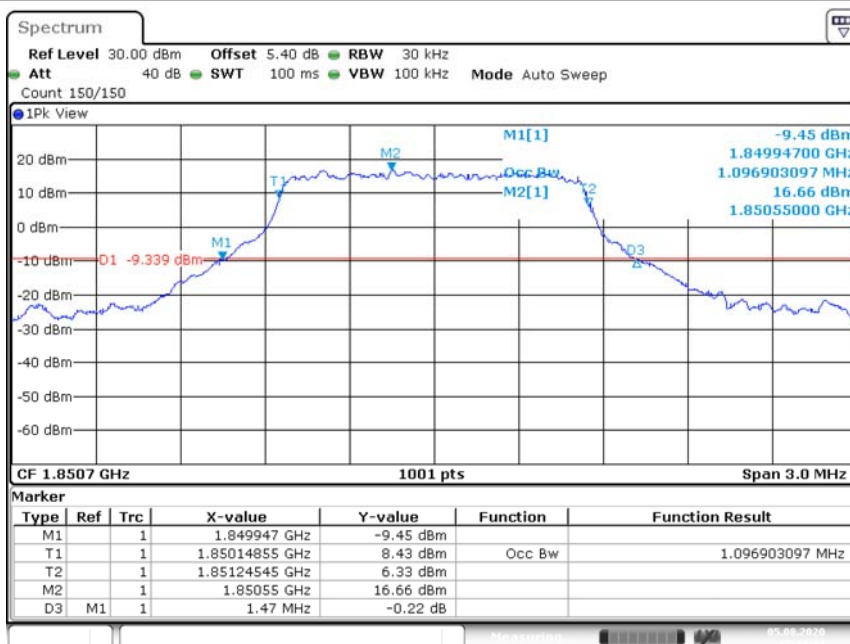
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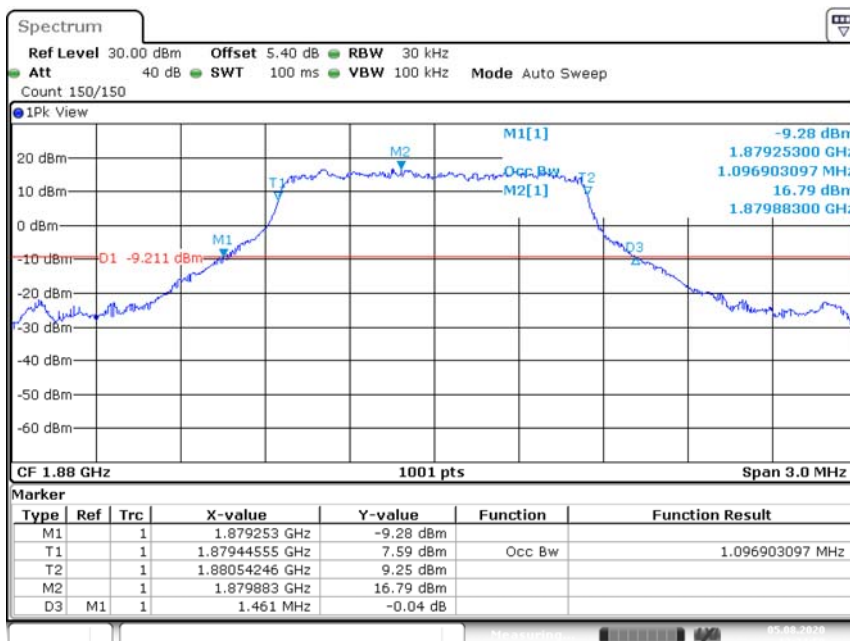
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Band2-1.4MHz-16QAM-18607-6RB#0-1.097



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

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



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



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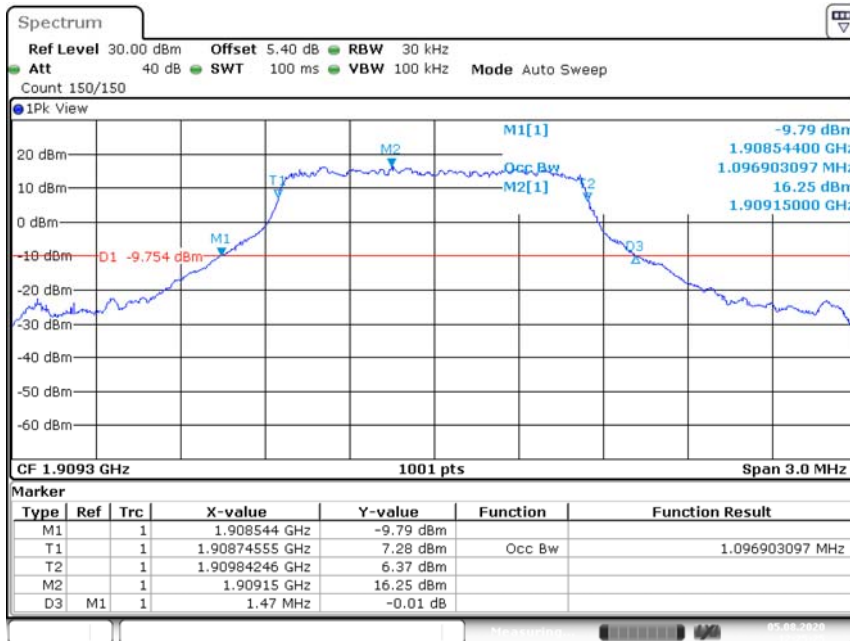
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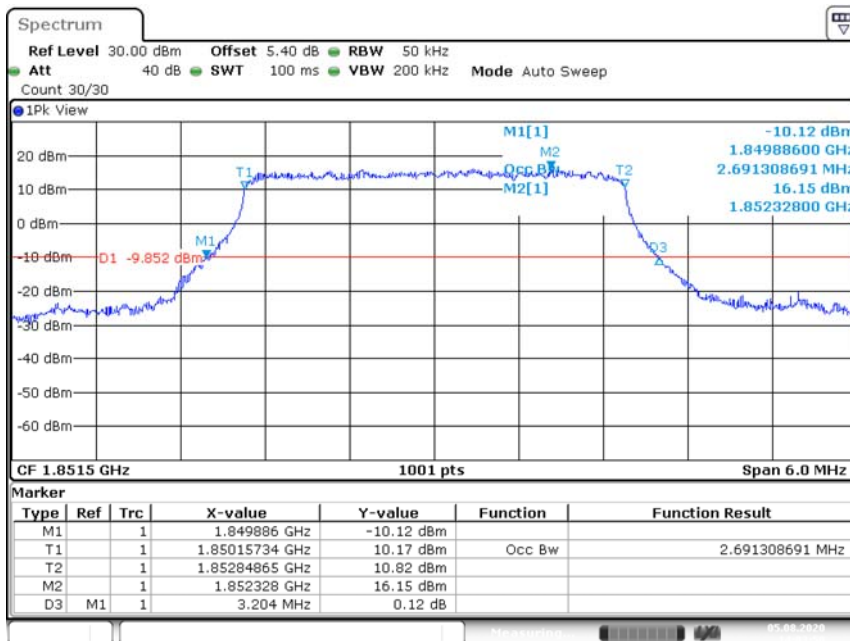
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Band2-1.4MHz-16QAM-19193-6RB#0-1.097

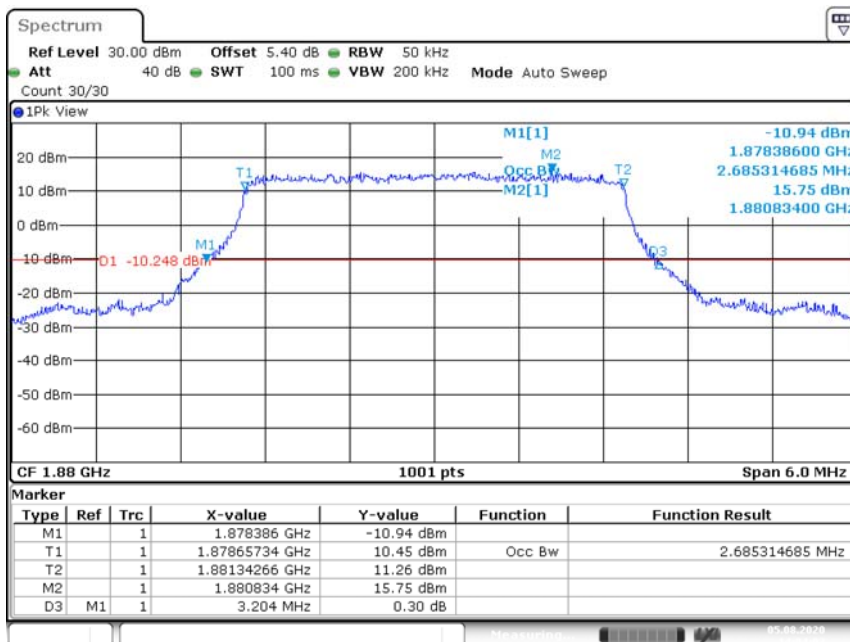


Band2-3MHz-QPSK-18615-15RB#0-2.691

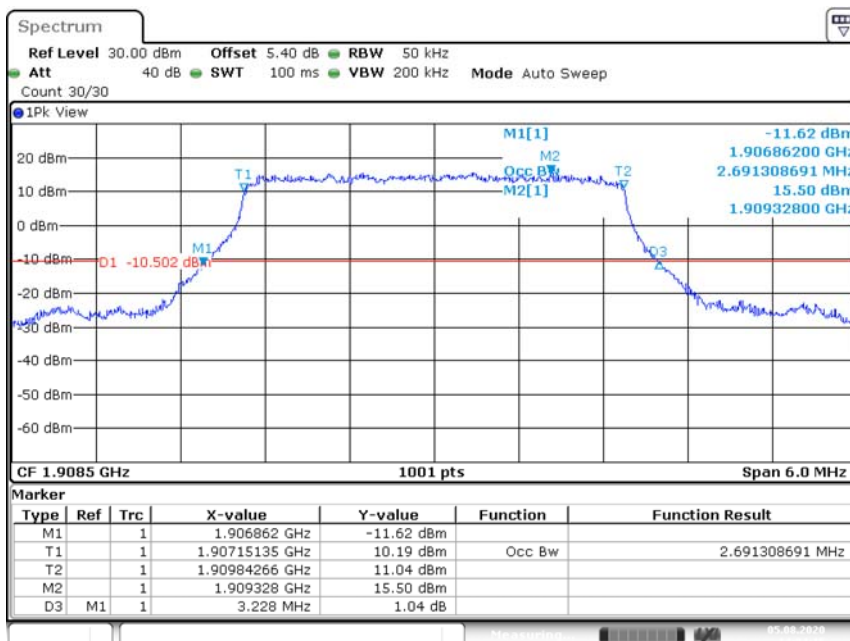




Band2-3MHz-QPSK-18900-15RB#0-2.685



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

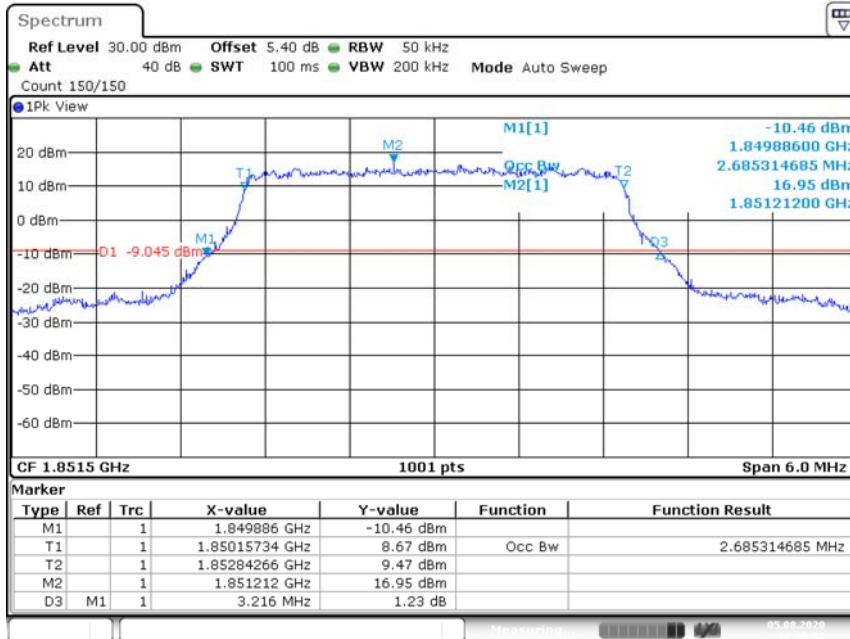


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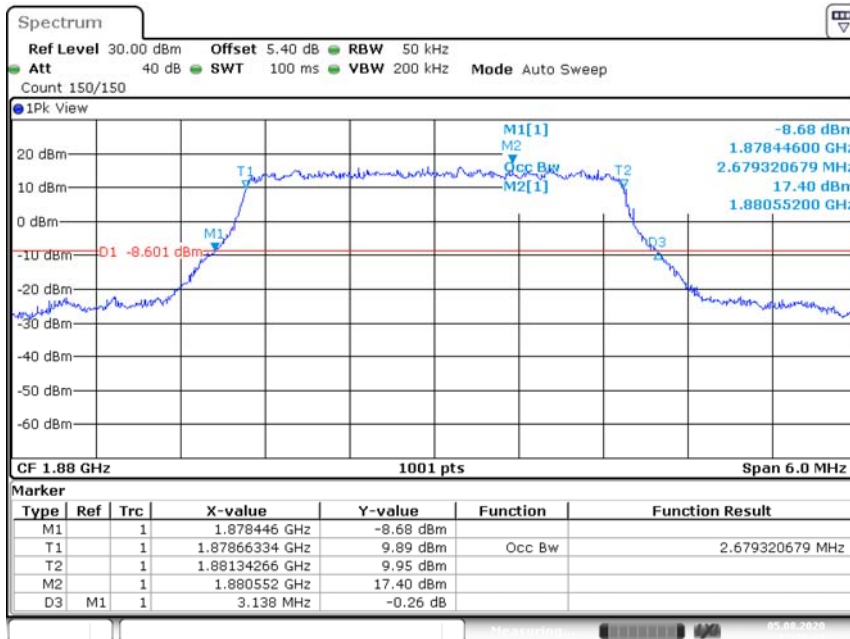
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Band2-3MHz-16QAM-18615-15RB#0-2.685



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

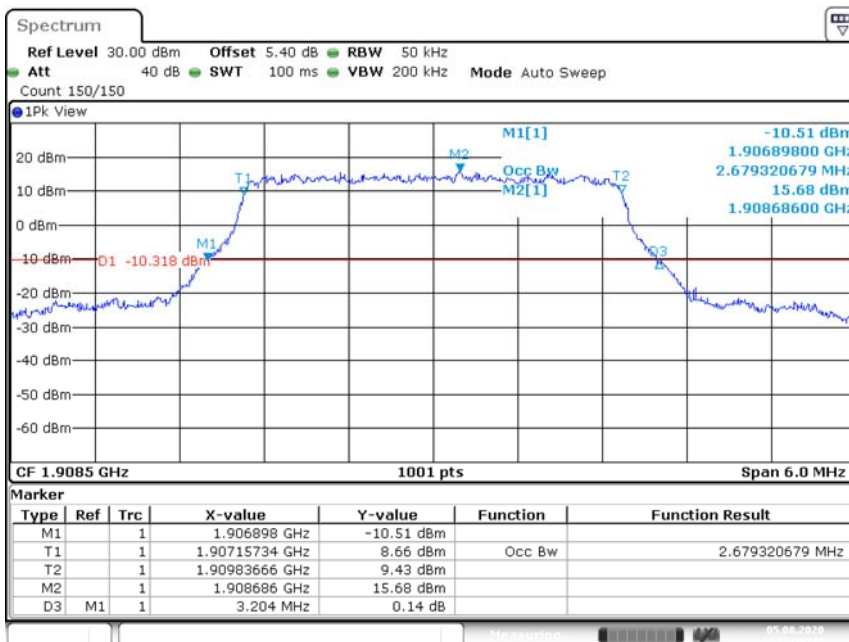


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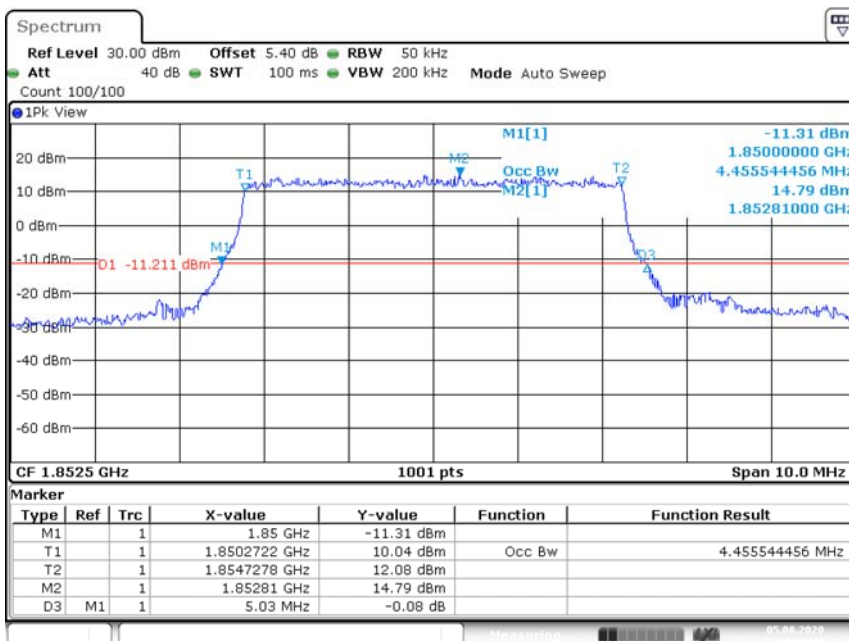


Band2-3MHz-16QAM-19185-15RB#0-2.679



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

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



Date: 5.AUG.2020 14:04:41

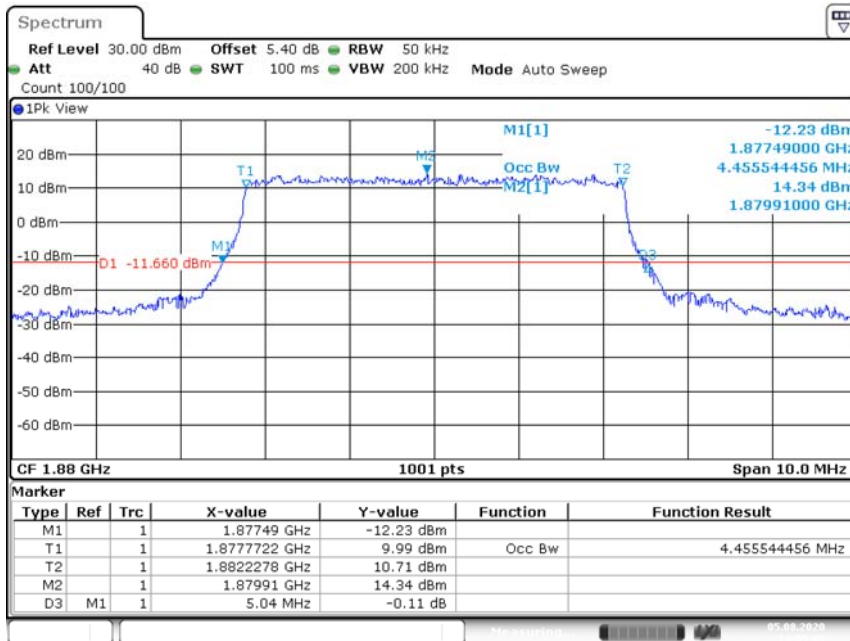


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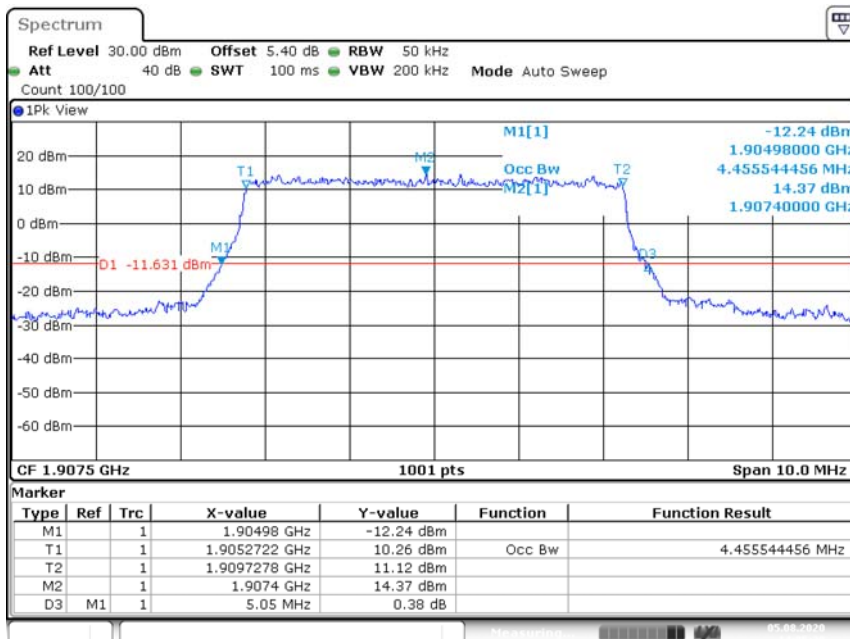
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Band2-5MHz-QPSK-18900-25RB#0-4.456



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

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



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



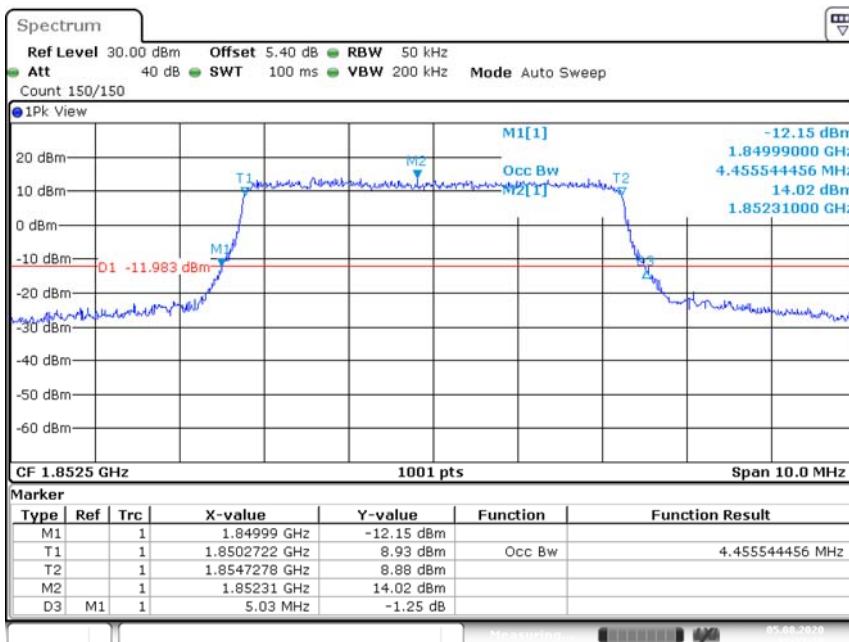
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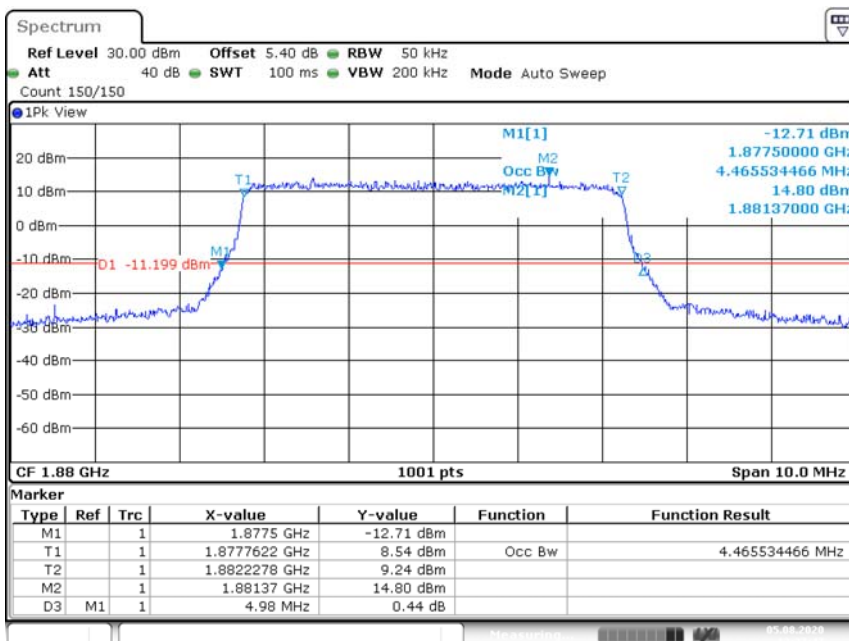
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Band2-5MHz-16QAM-18625-25RB#0-4.456



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

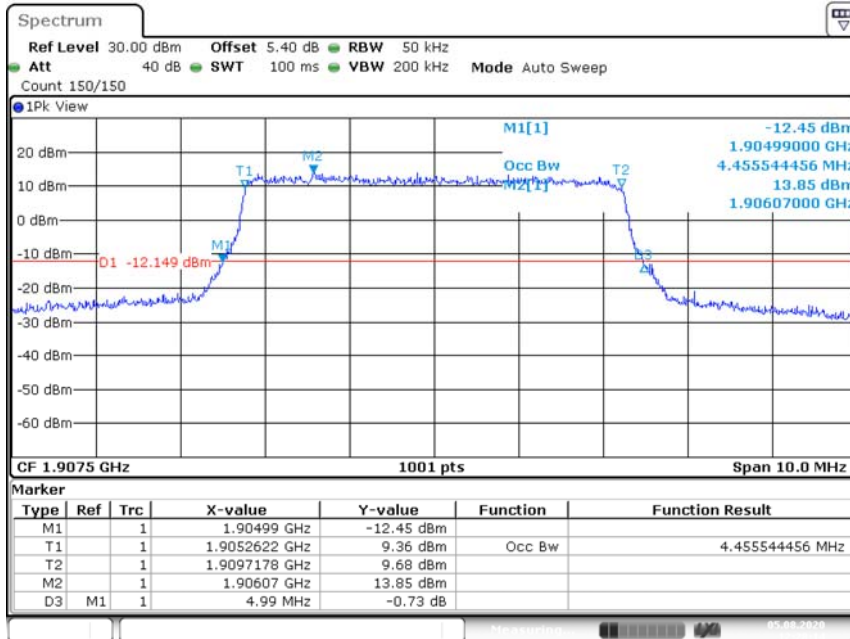


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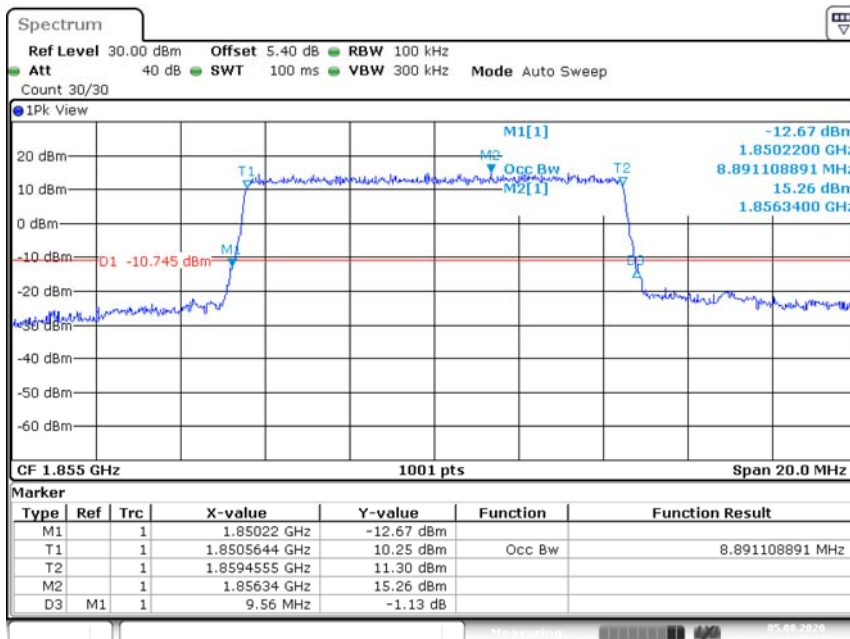


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Date: 5.AUG.2020 12:28:14

Band2-10MHz-QPSK-18650-50RB#0-8.891



Date: 5.AUG.2020 14:05:38



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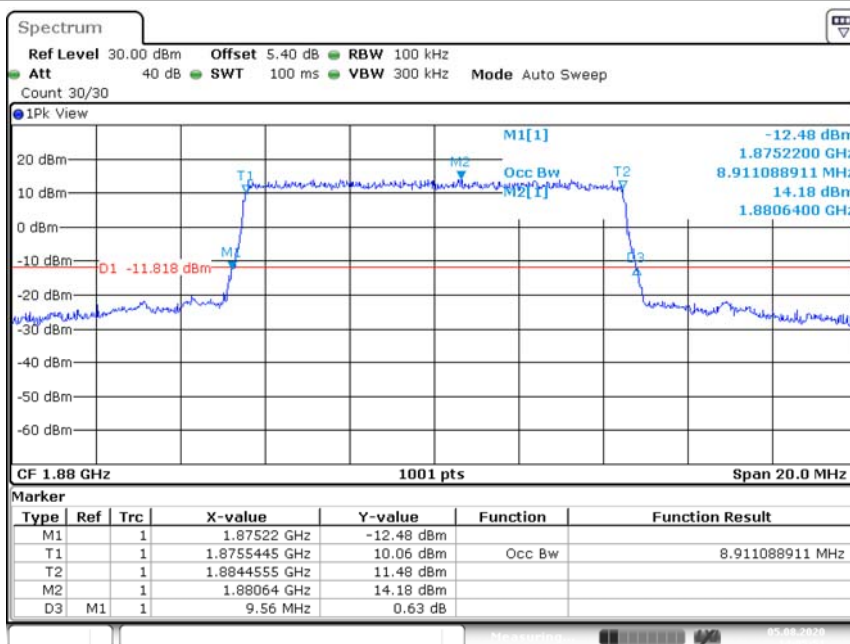
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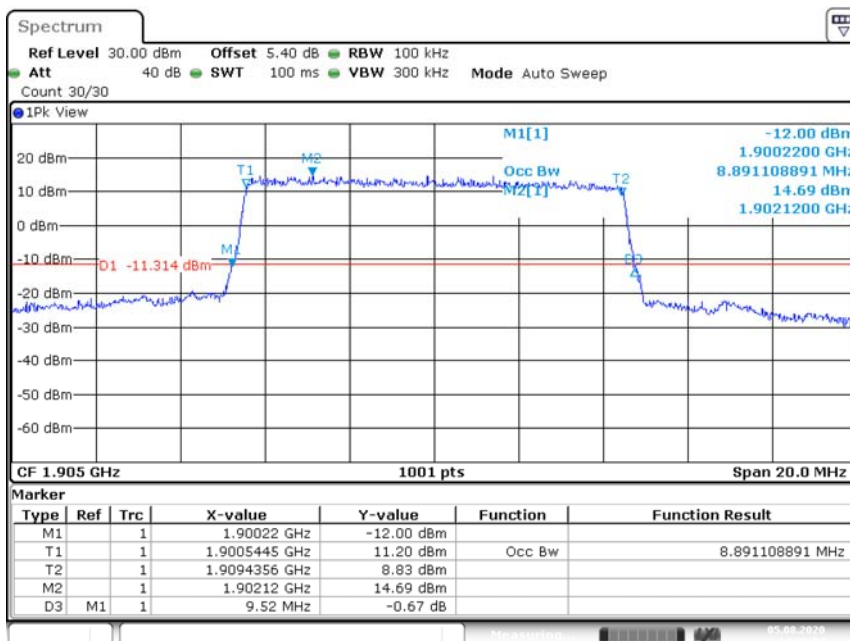
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Band2-10MHz-QPSK-18900-50RB#0-8.911



Band2-10MHz-QPSK-19150-50RB#0-8.891

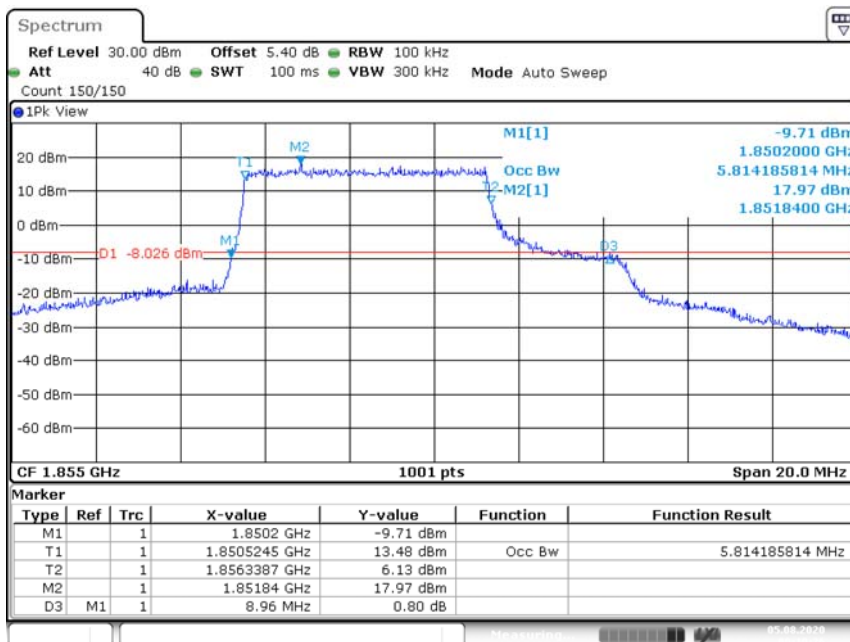


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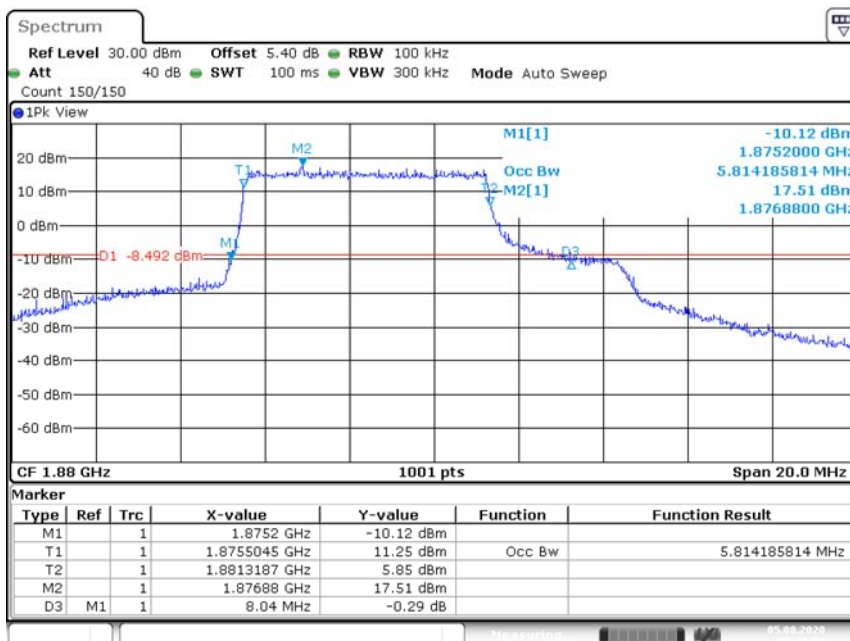


Band2-10MHz-16QAM-18650-32RB#0-5.814



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

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Date: 5.AUG.2020 09:19:53



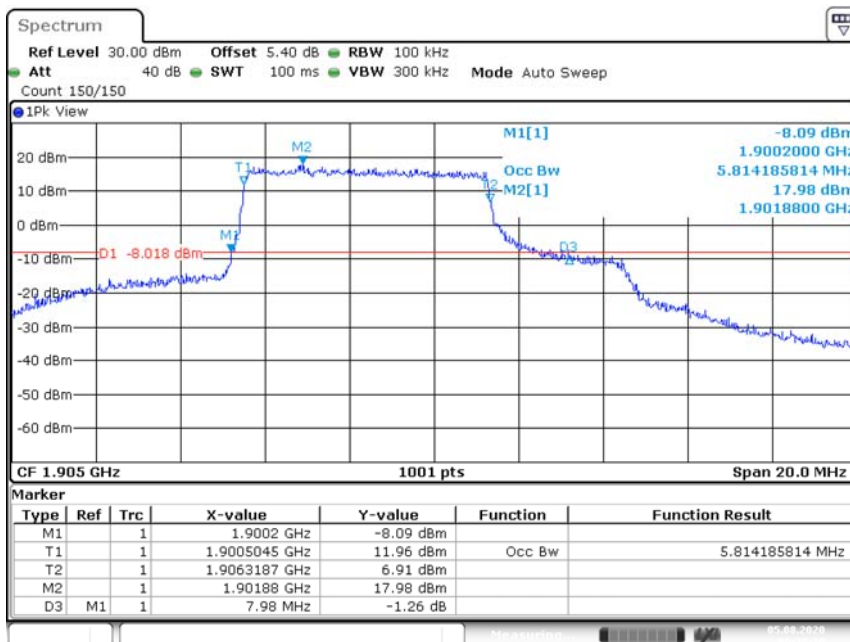
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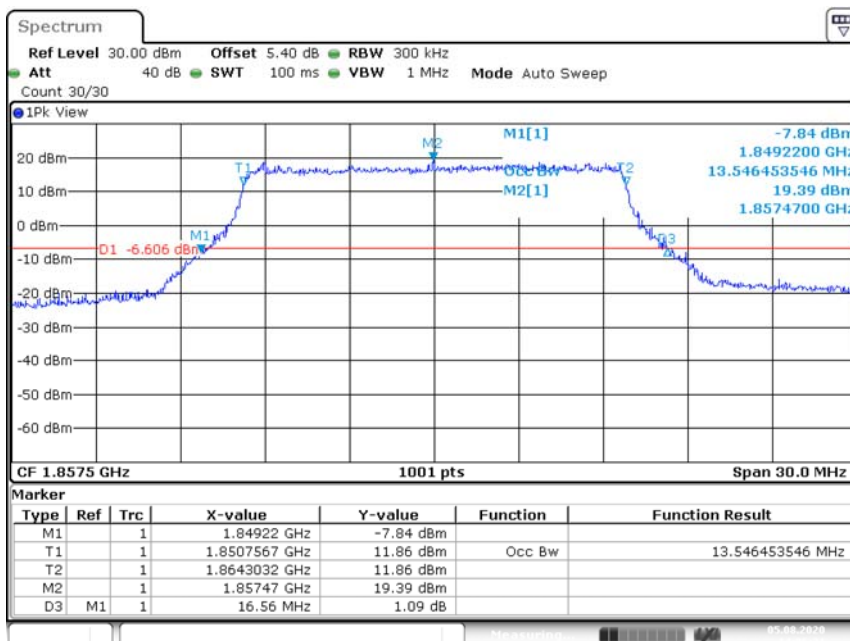


Band2-10MHz-16QAM-19150-32RB#0-5.814



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

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



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



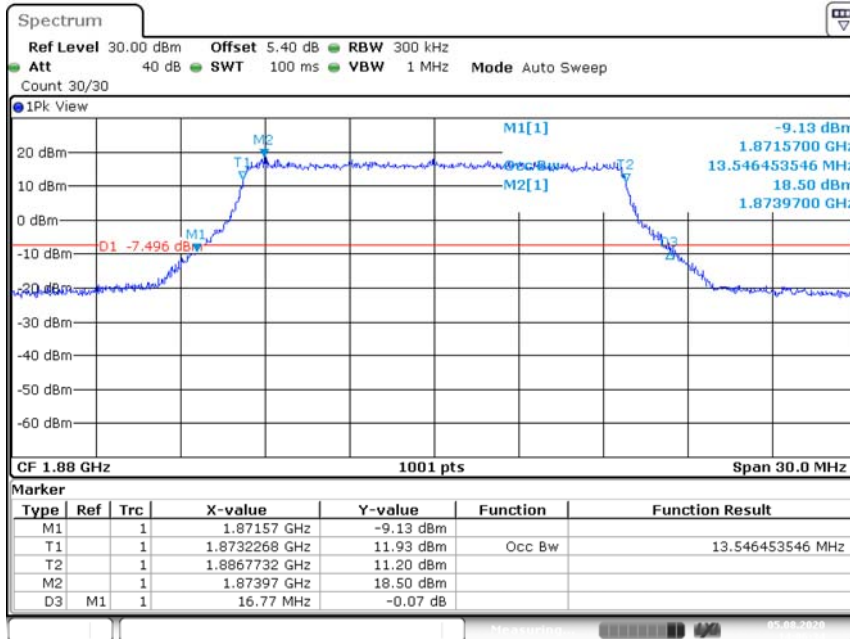
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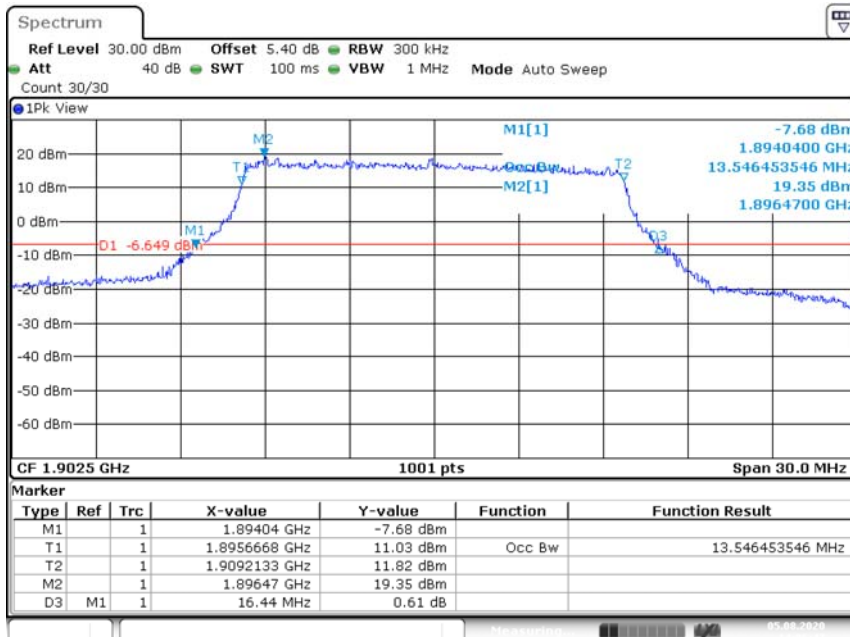


Band2-15MHz-QPSK-18900-75RB#0-13.546



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

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



Date: 5.AUG.2020 14:06:48



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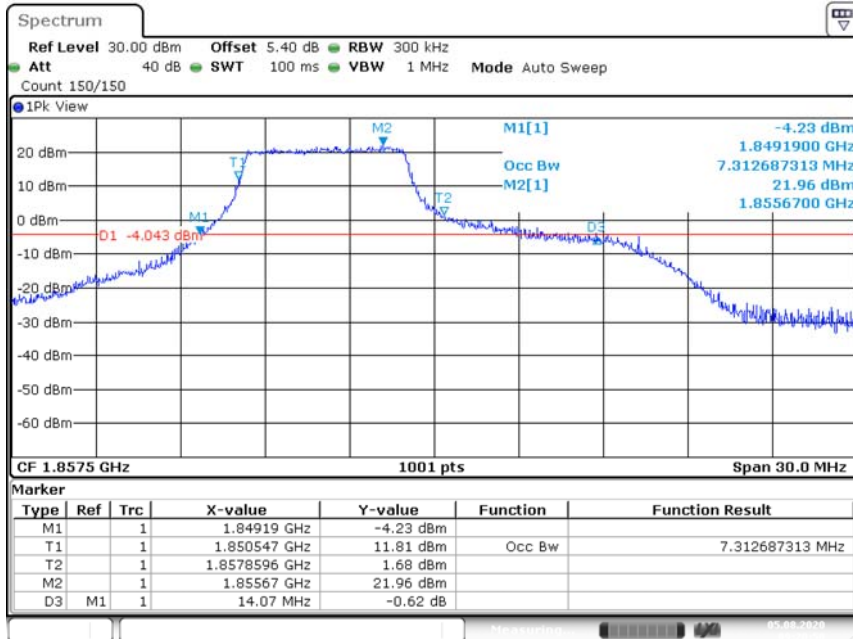
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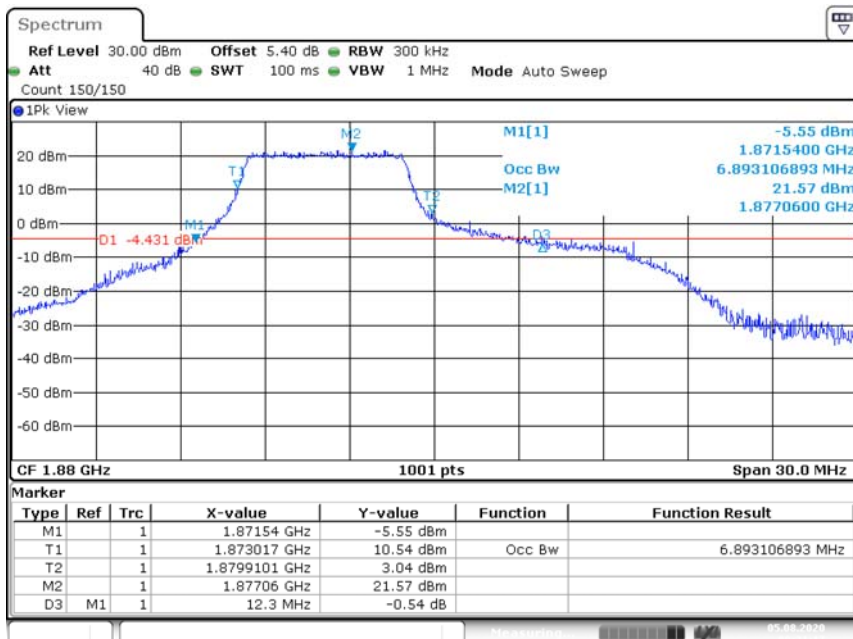


Band2-15MHz-16QAM-18675-32RB#0-7.313



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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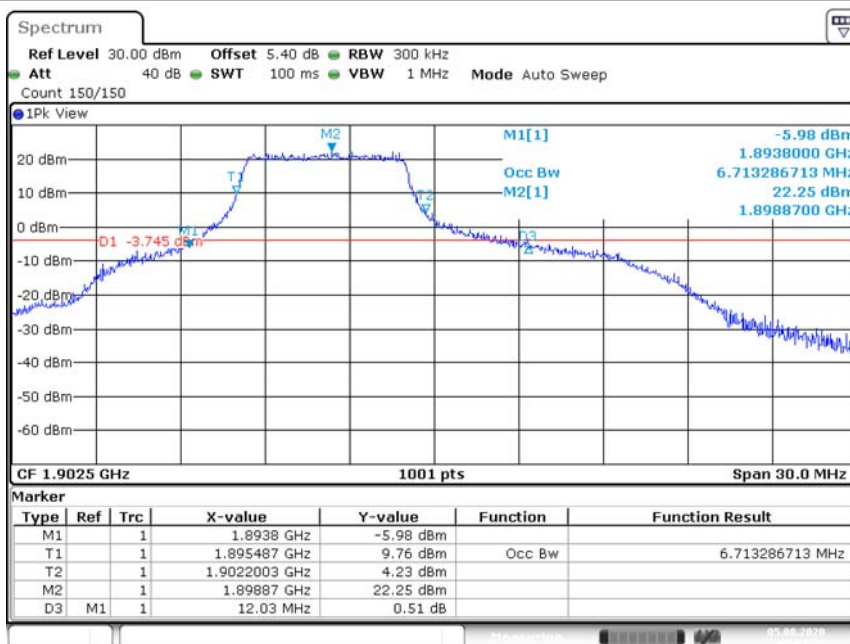
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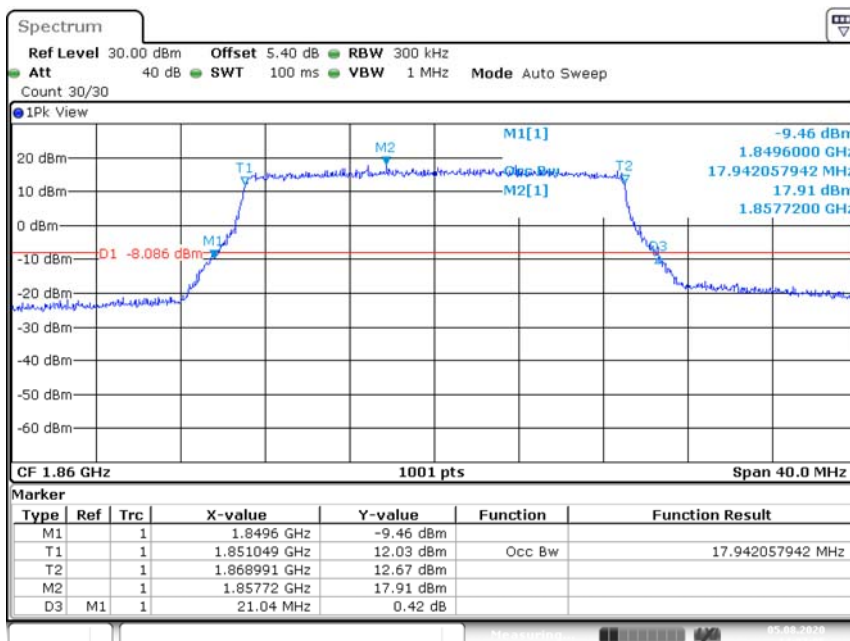


Band2-15MHz-16QAM-19125-32RB#0-6.713



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

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



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



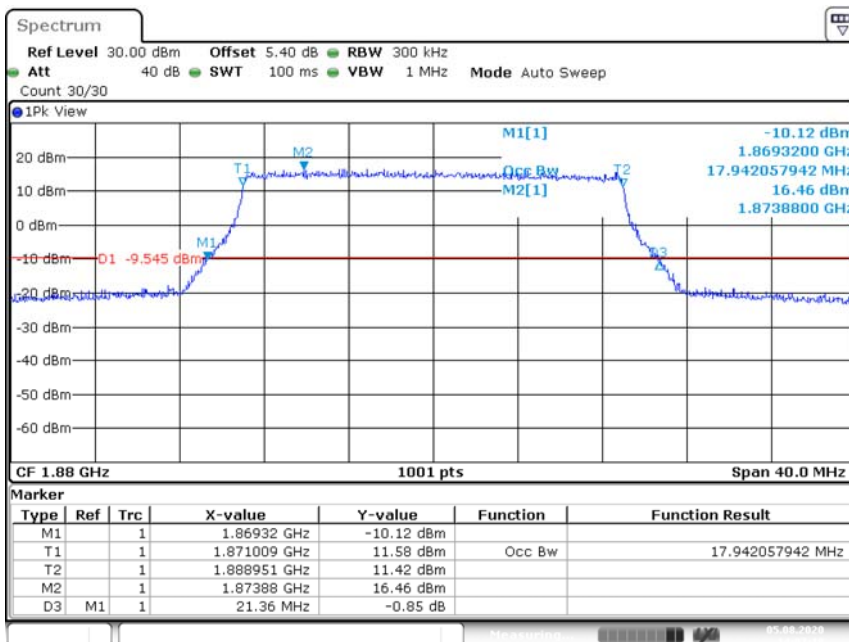
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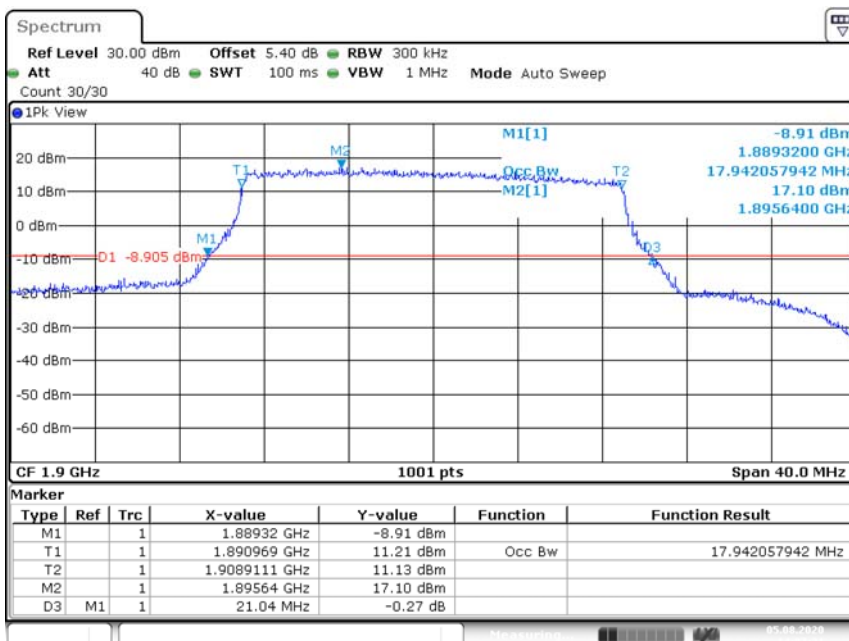


Band2-20MHz-QPSK-18900-100RB#0-17.942



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

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



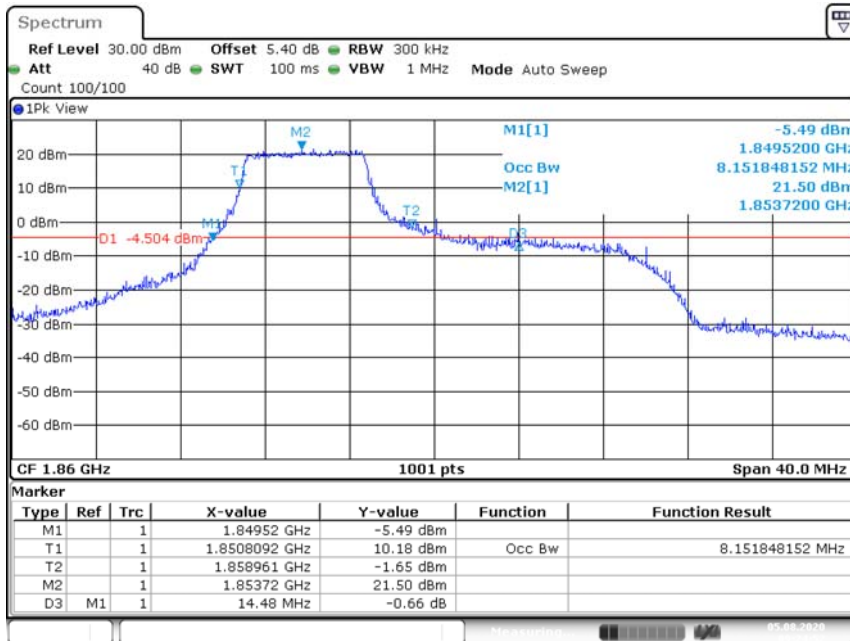
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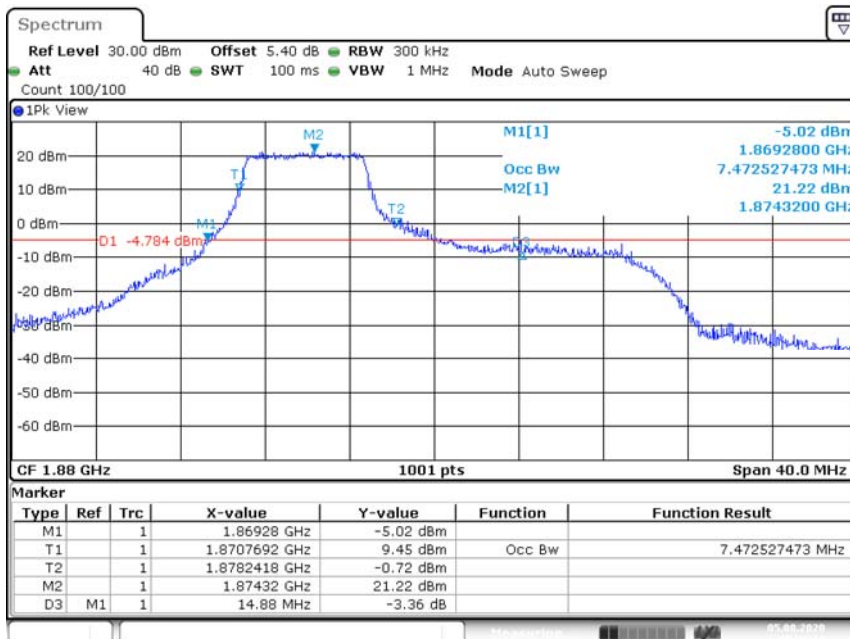


Band2-20MHz-16QAM-18700-32RB#0-8.152



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

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



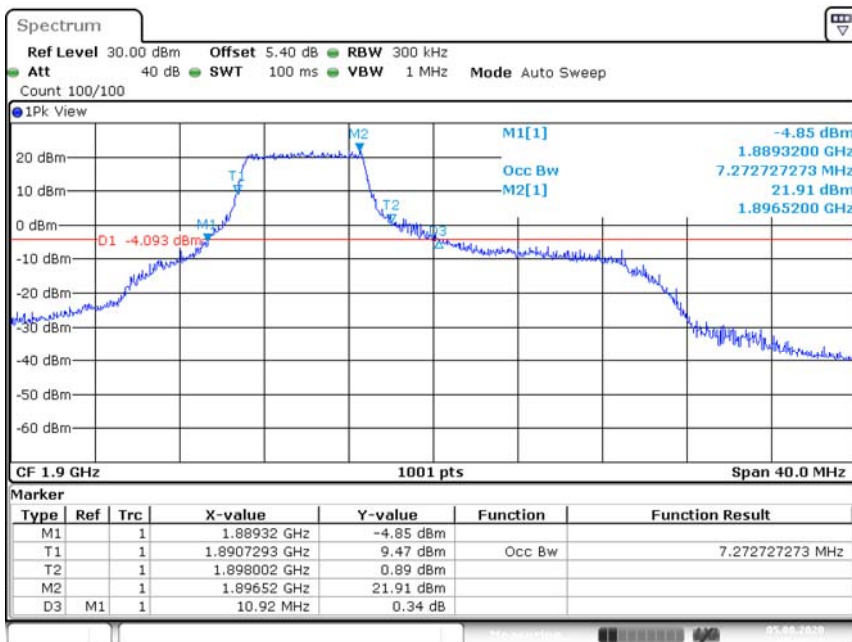
Date: 5.AUG.2020 09:25:12



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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



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Band2	10MHz	16QAM	19150	1RB#31	-45.00	PASS
Band2	10MHz	16QAM	19150	32RB#18	-29.09	PASS
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

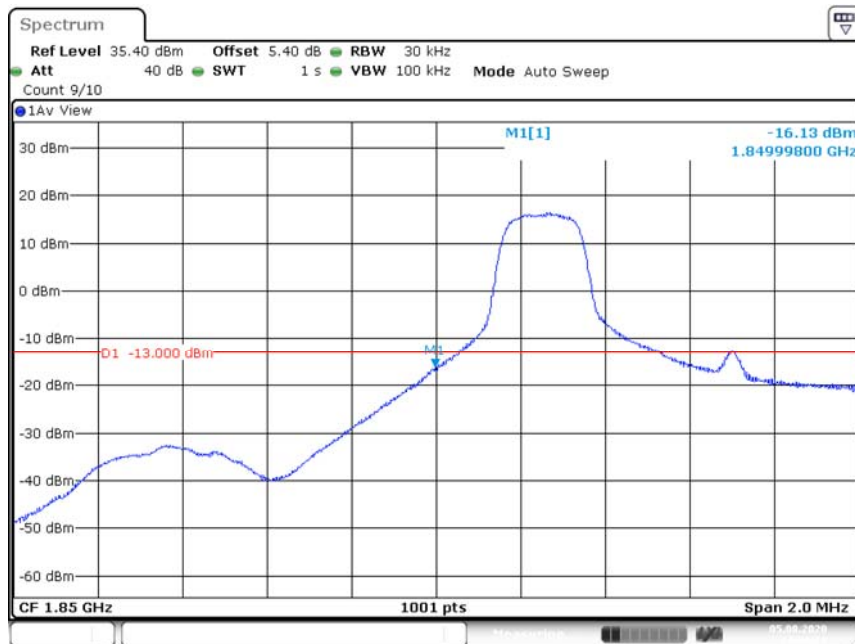
5.2. Test Plots

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



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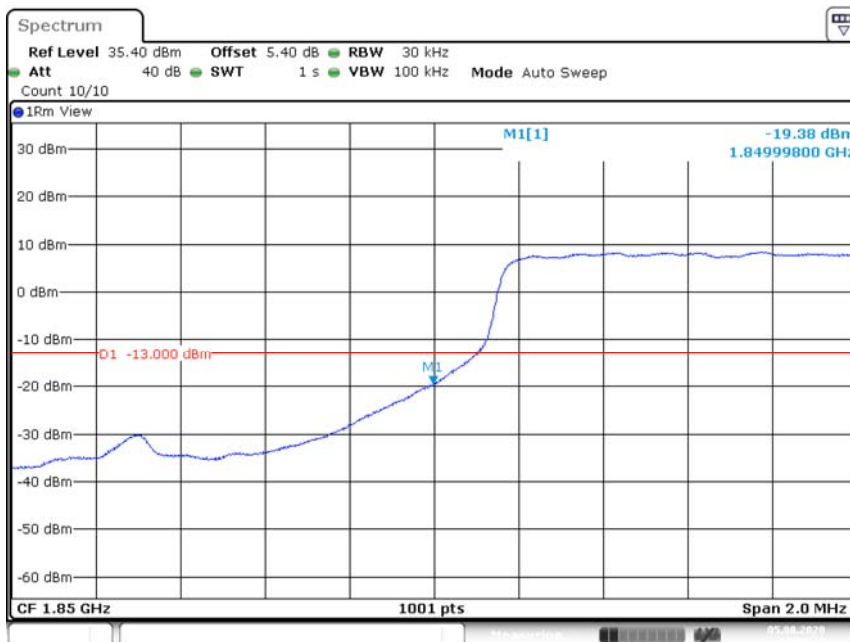


Date: 5.AUG.2020 14:09:12





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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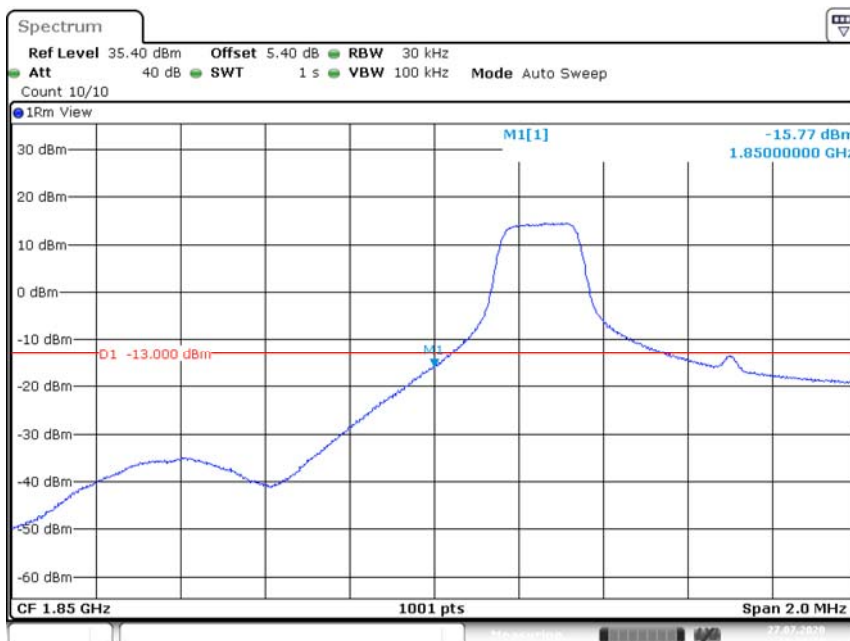


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Date: 5.AUG.2020 14:11:03

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



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



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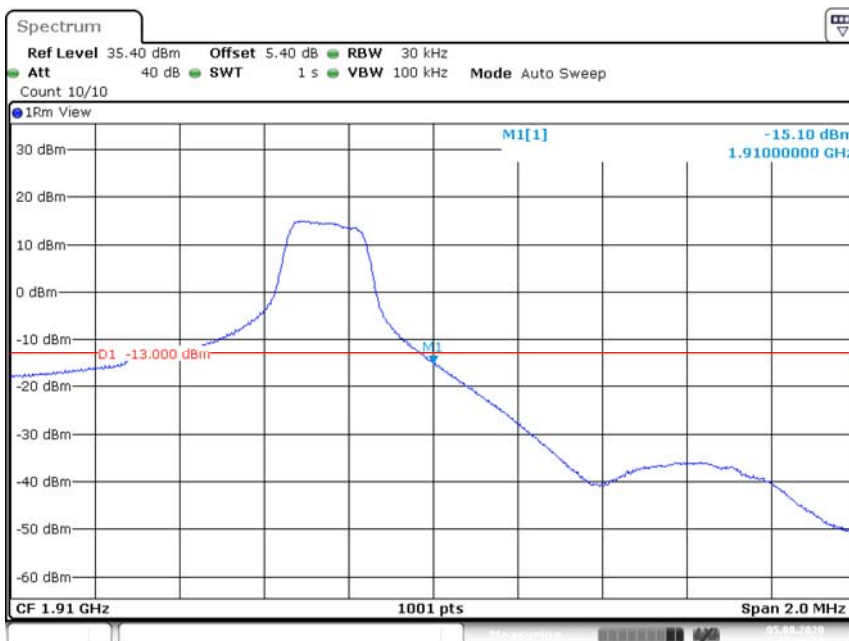


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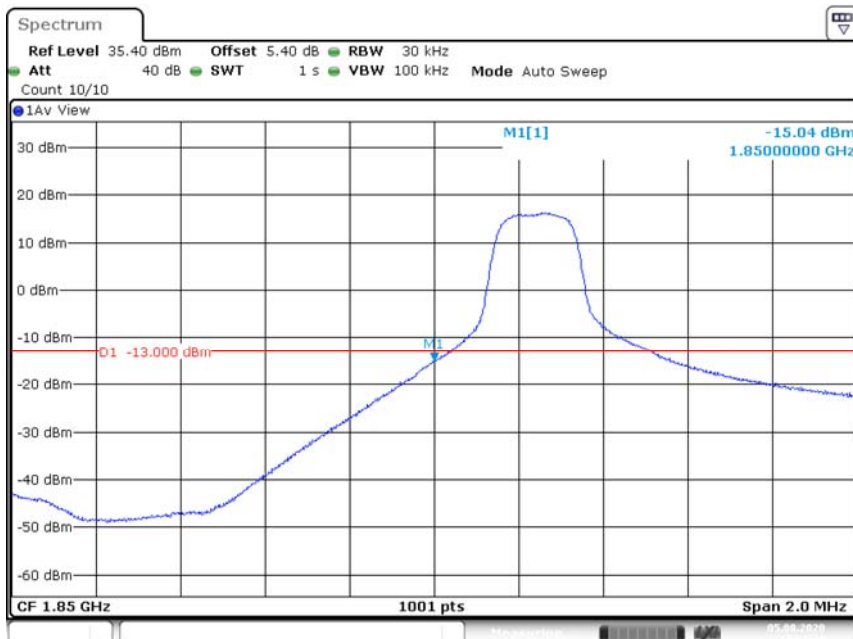


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Date: 5.AUG.2020 12:29:46

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



Date: 5.AUG.2020 14:11:49



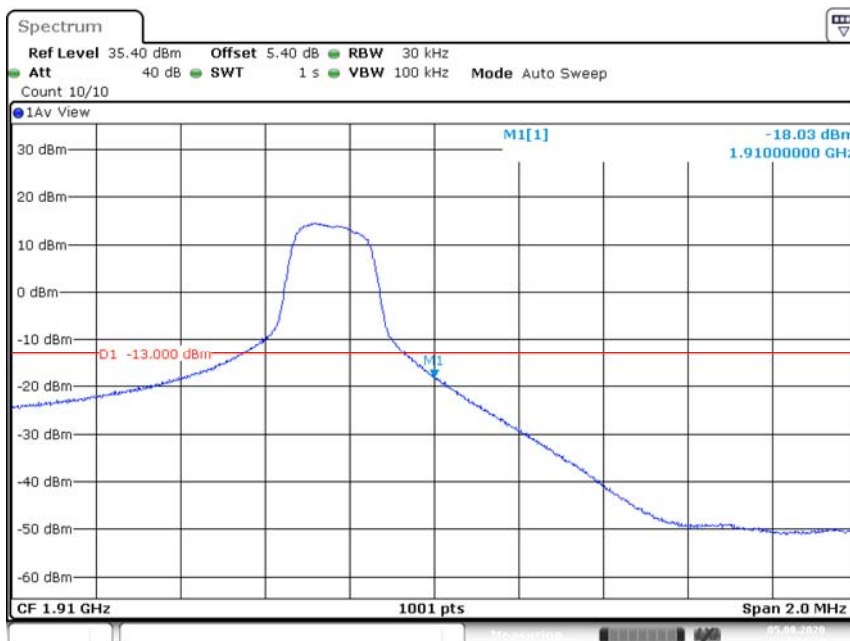


Band2-3MHz-QPSK-18615-15RB#0



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

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



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



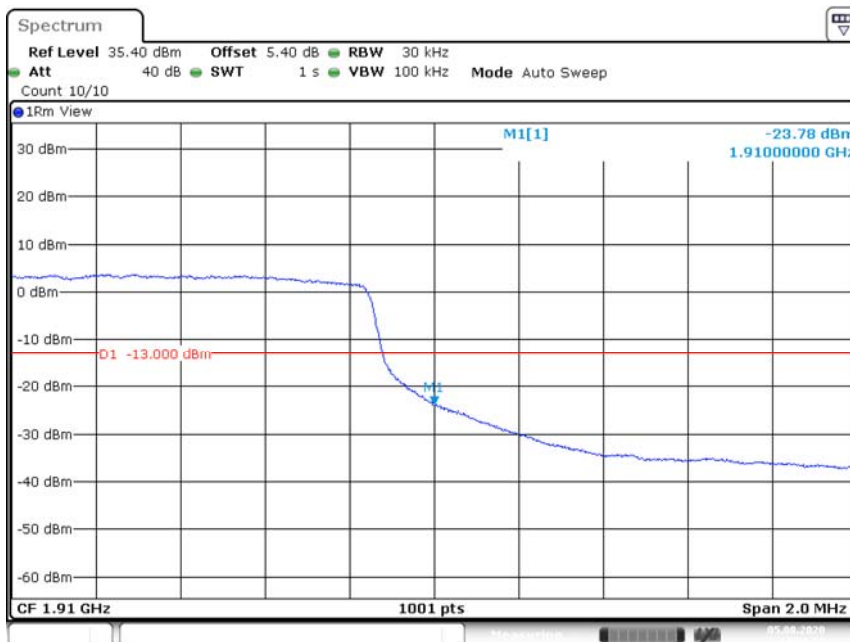
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Band2-3MHz-QPSK-19185-15RB#0



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

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



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



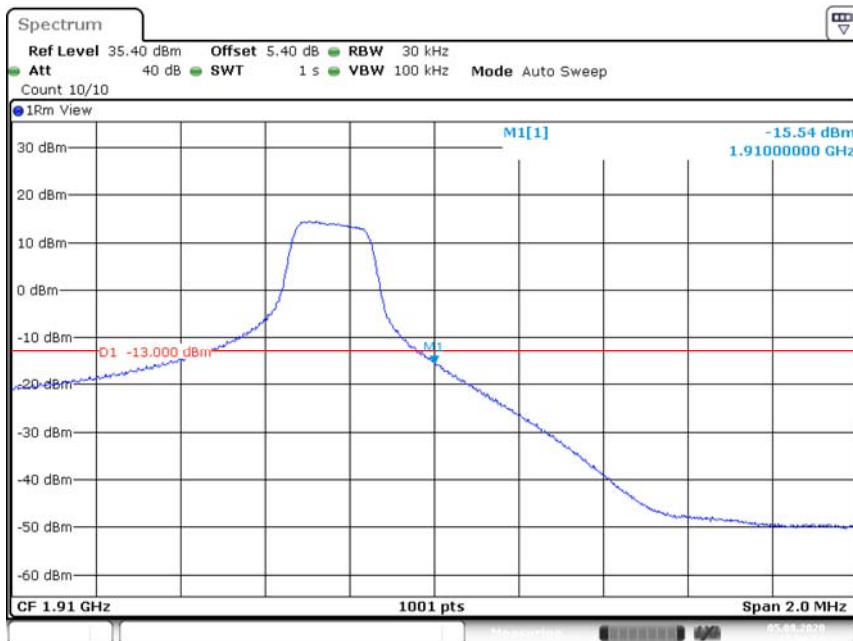


Band2-3MHz-16QAM-18615-15RB#0



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

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



Date: 5.AUG.2020 12:30:57



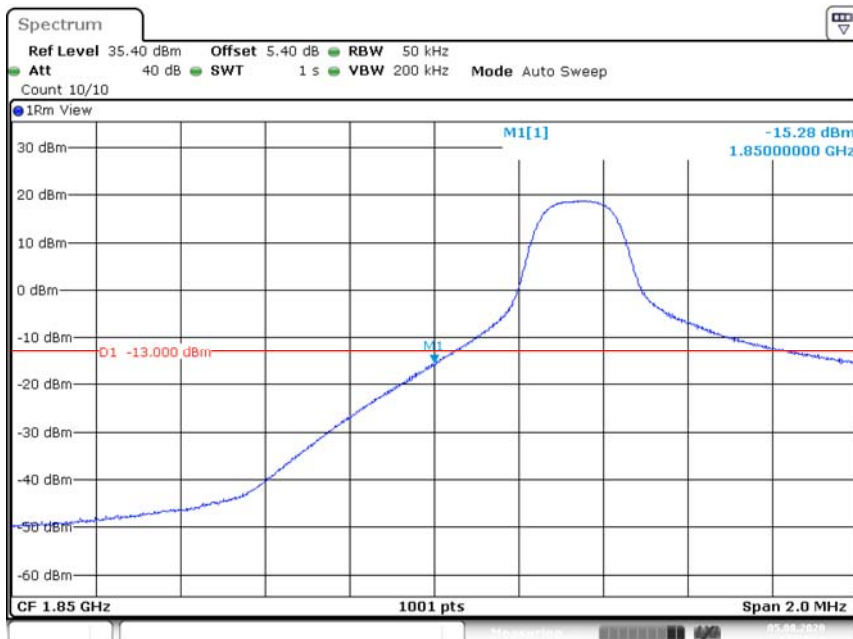


Band2-3MHz-16QAM-19185-15RB#0



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

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

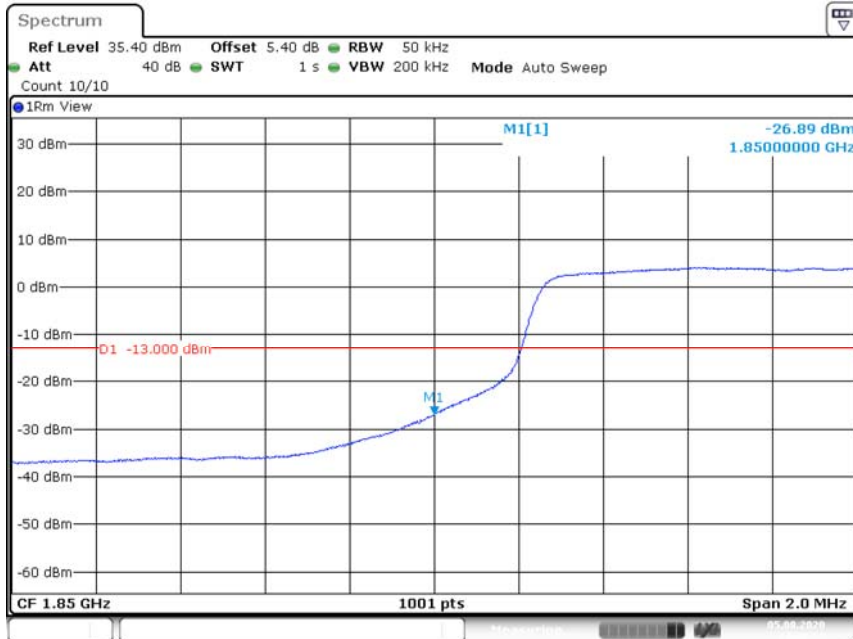


Date: 5.AUG.2020 14:14:22

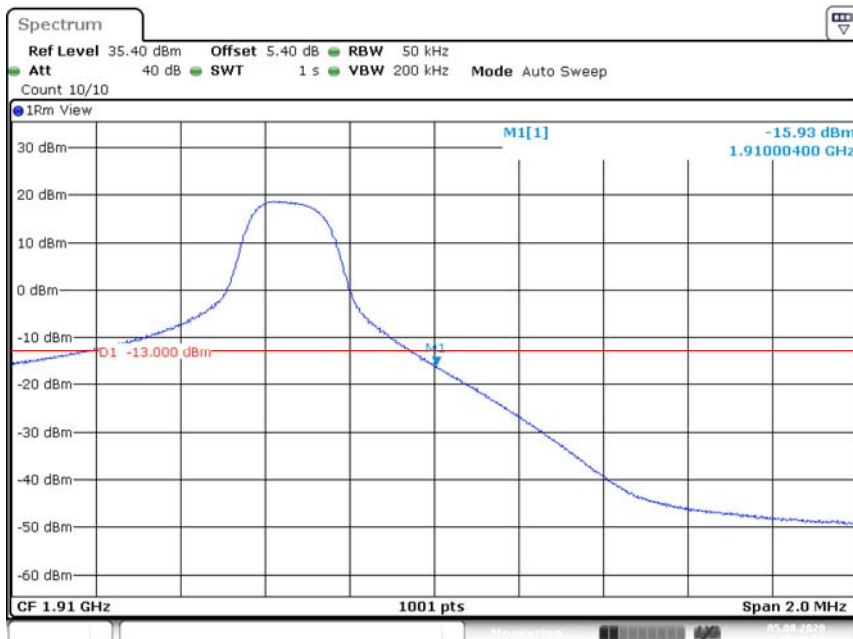




Band2-5MHz-QPSK-18625-25RB#0



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



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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



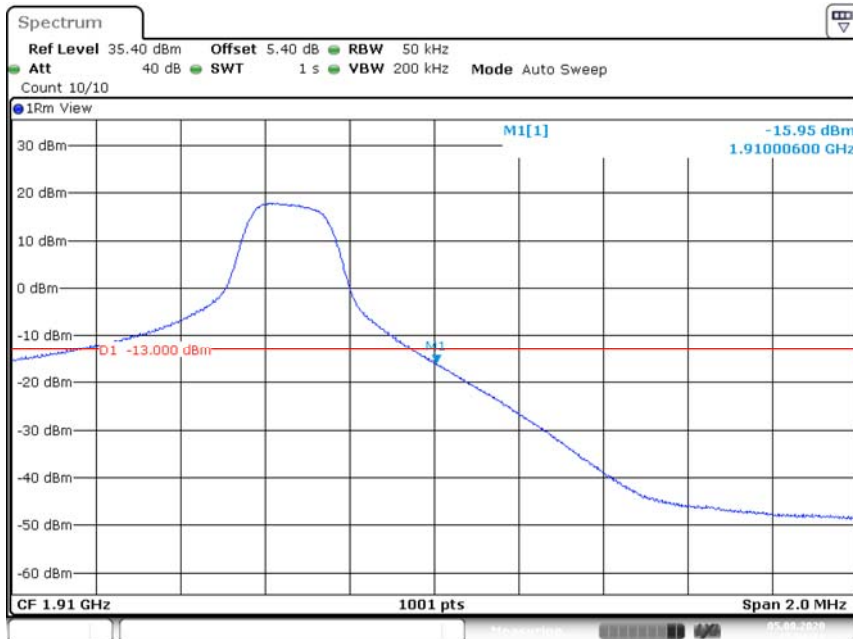


Band2-5MHz-16QAM-18625-25RB#0



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

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



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





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



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

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

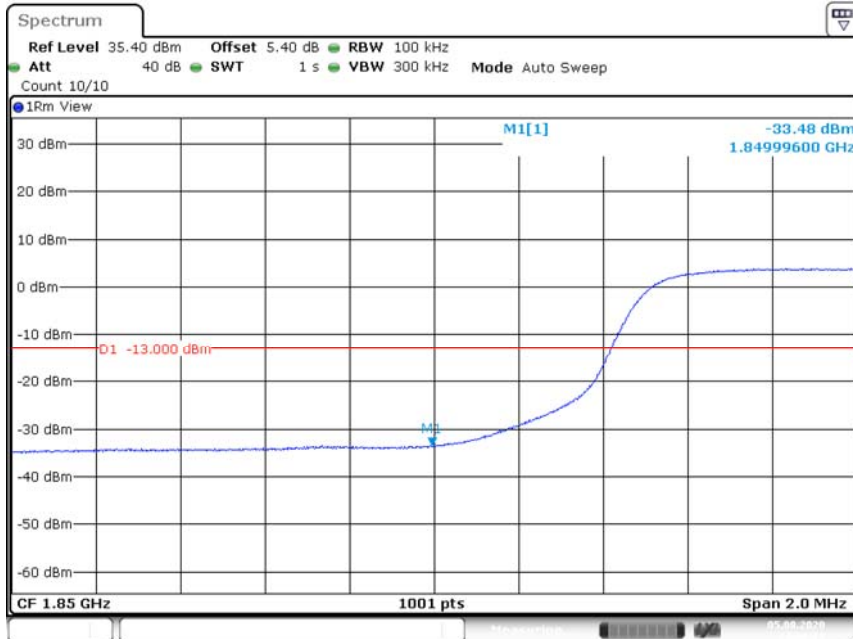


Date: 5.AUG.2020 14:16:39





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



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

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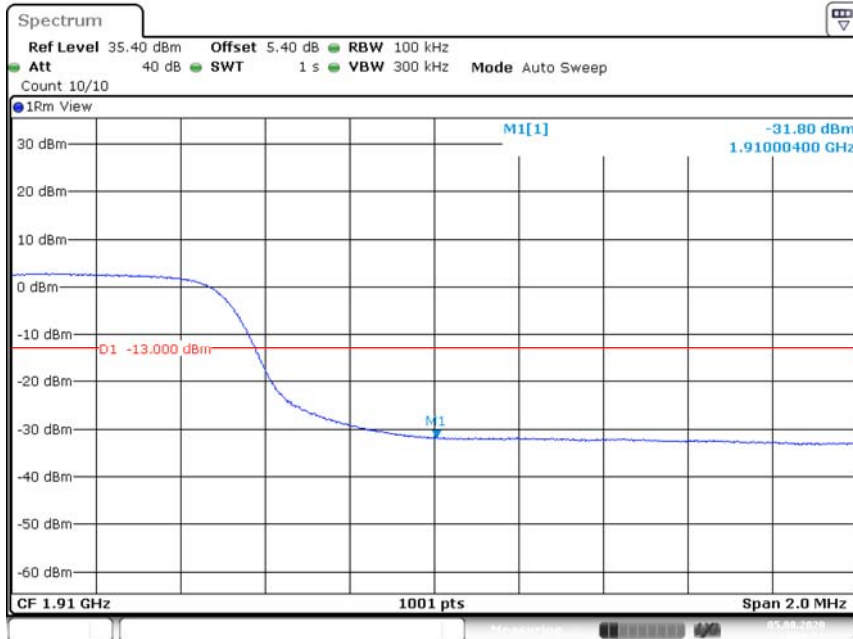


Date: 5.AUG.2020 14:17:25





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



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

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

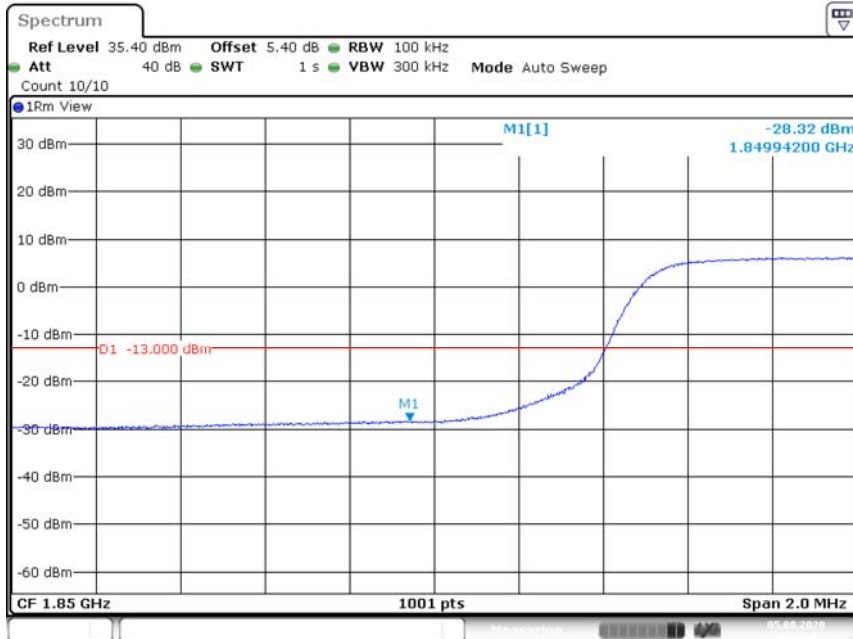


Date: 5.AUG.2020 12:34:00





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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Shenzhen Branch Testing Center, CCC Laboratory

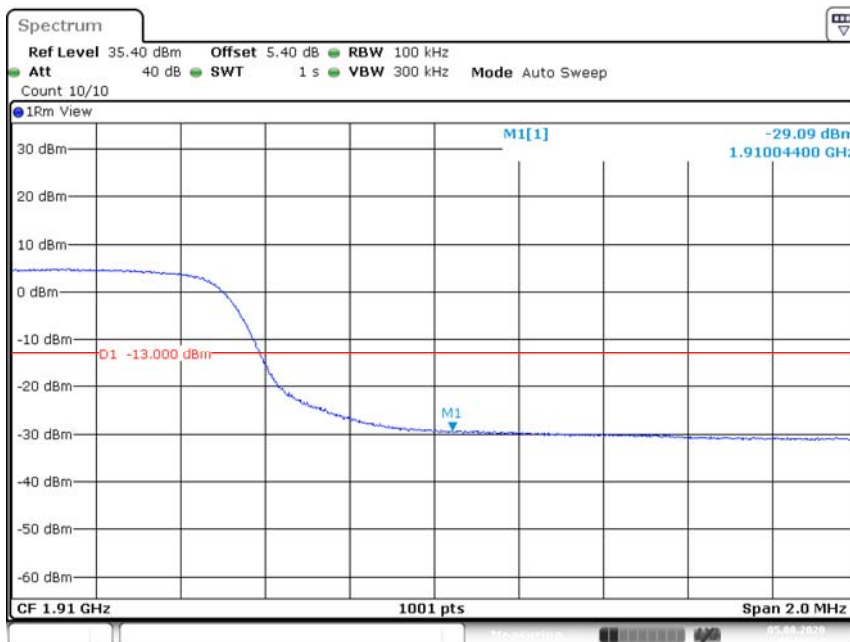
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Band2-10MHz-16QAM-19150-32RB#18



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

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



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



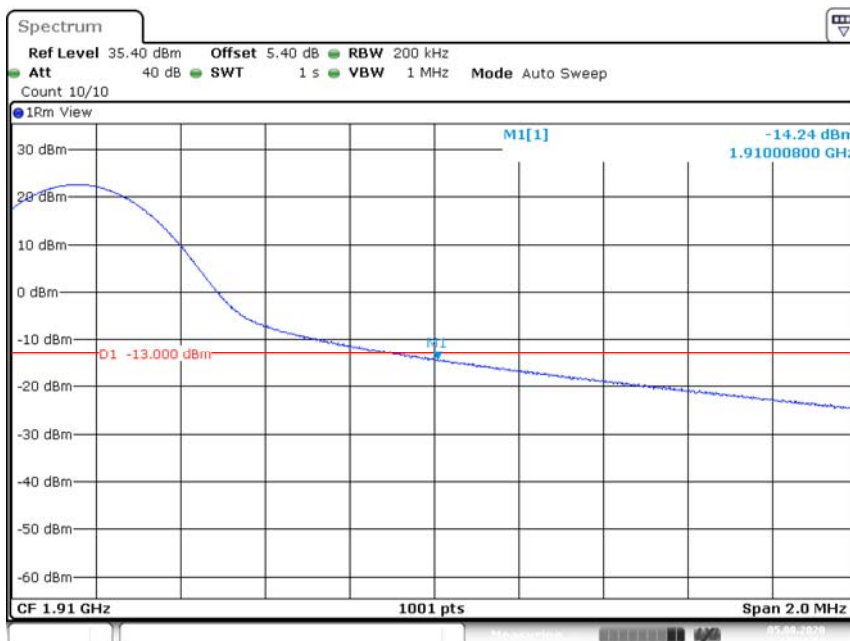


Band2-15MHz-QPSK-18675-75RB#0



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

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



Date: 5.AUG.2020 14:22:01





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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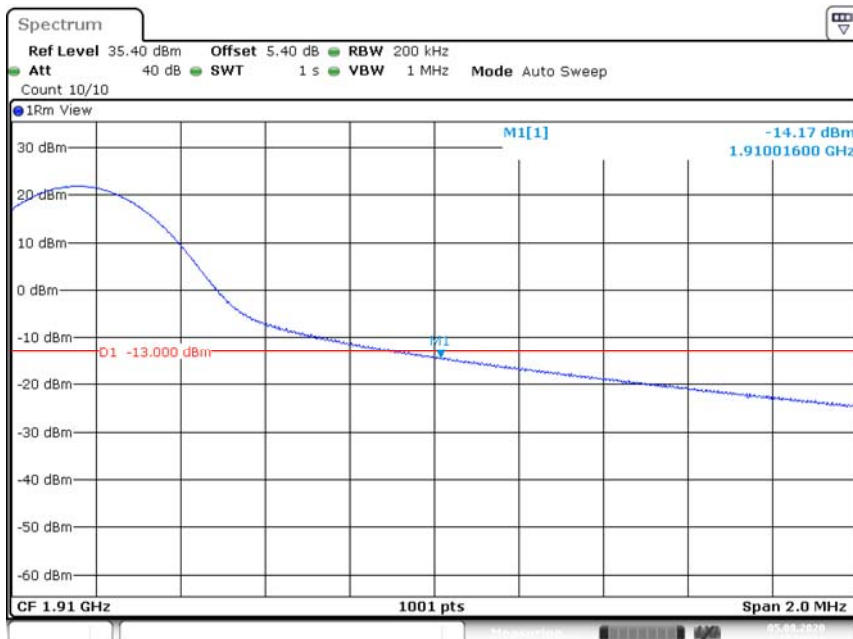


Band2-15MHz-16QAM-18675-32RB#0



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

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

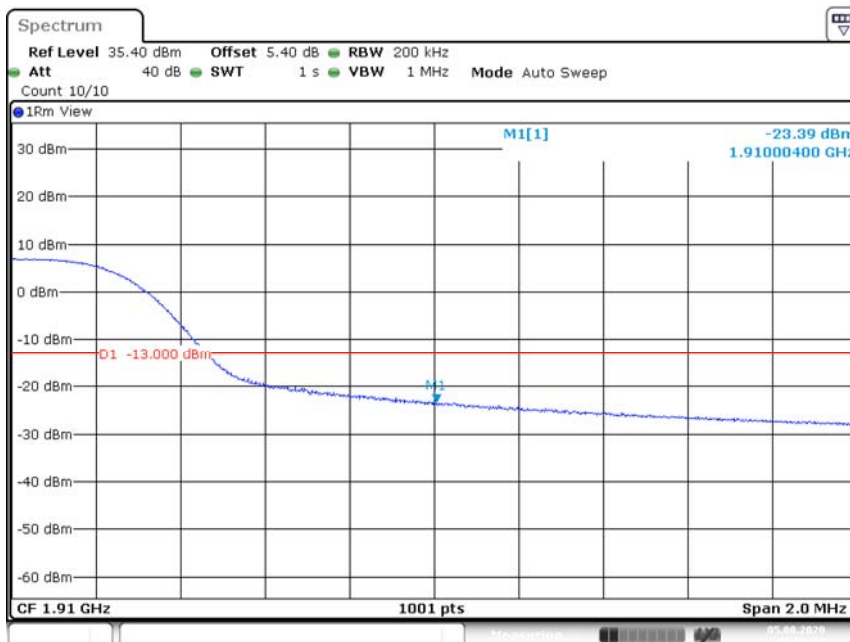


Date: 5.AUG.2020 12:35:17



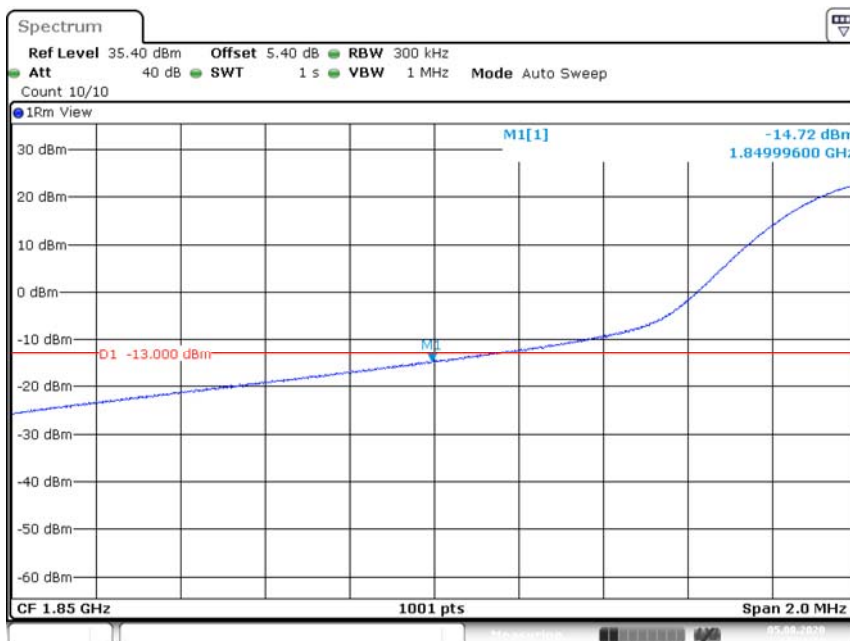


Band2-15MHz-16QAM-19125-32RB#43



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

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



Date: 5.AUG.2020 14:23:33



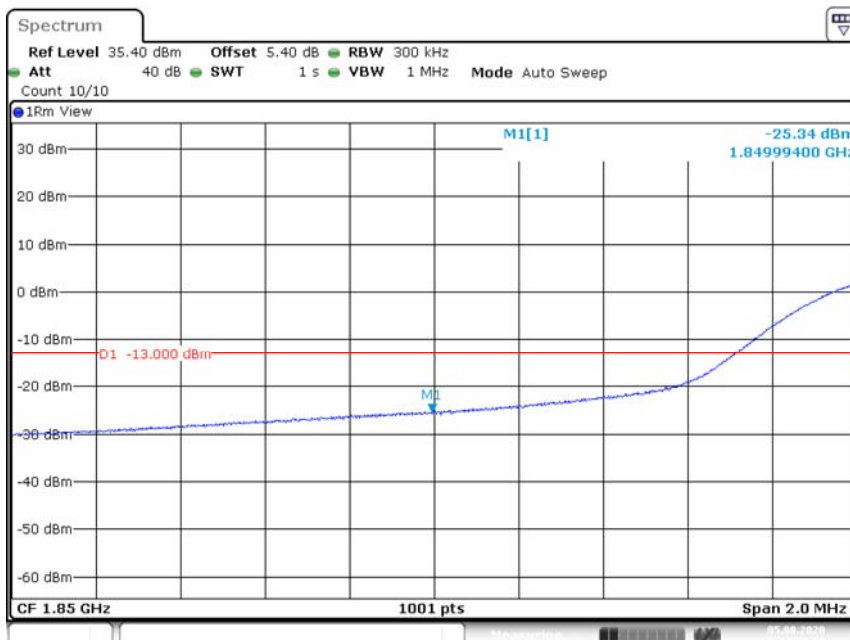
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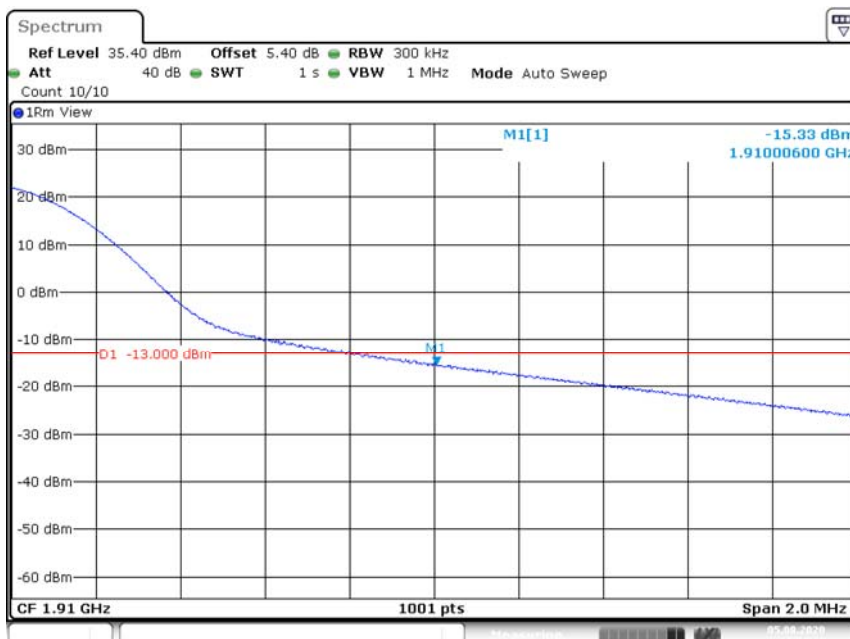


Band2-20MHz-QPSK-18700-100RB#0



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

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

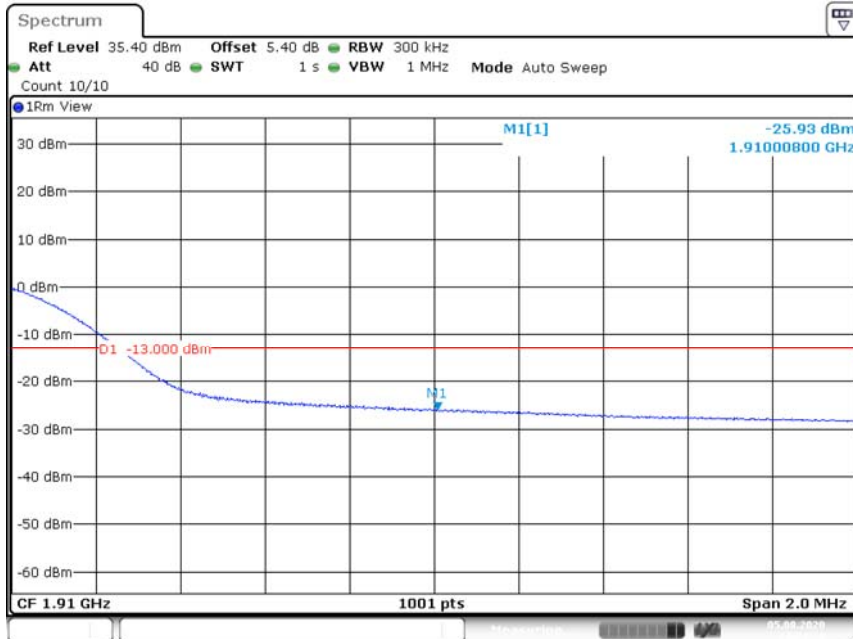


Date: 5.AUG.2020 14:24:18



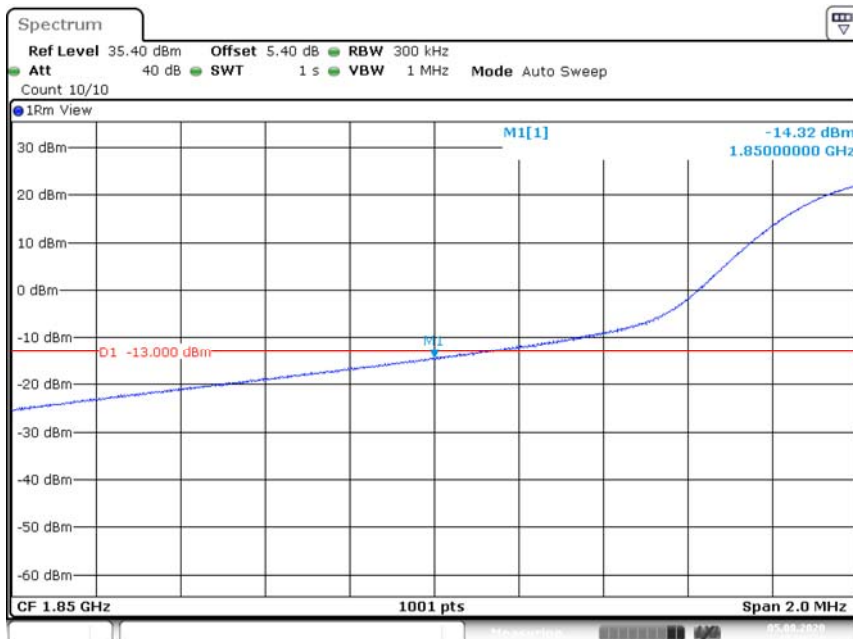


Band2-20MHz-QPSK-19100-100RB#0



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

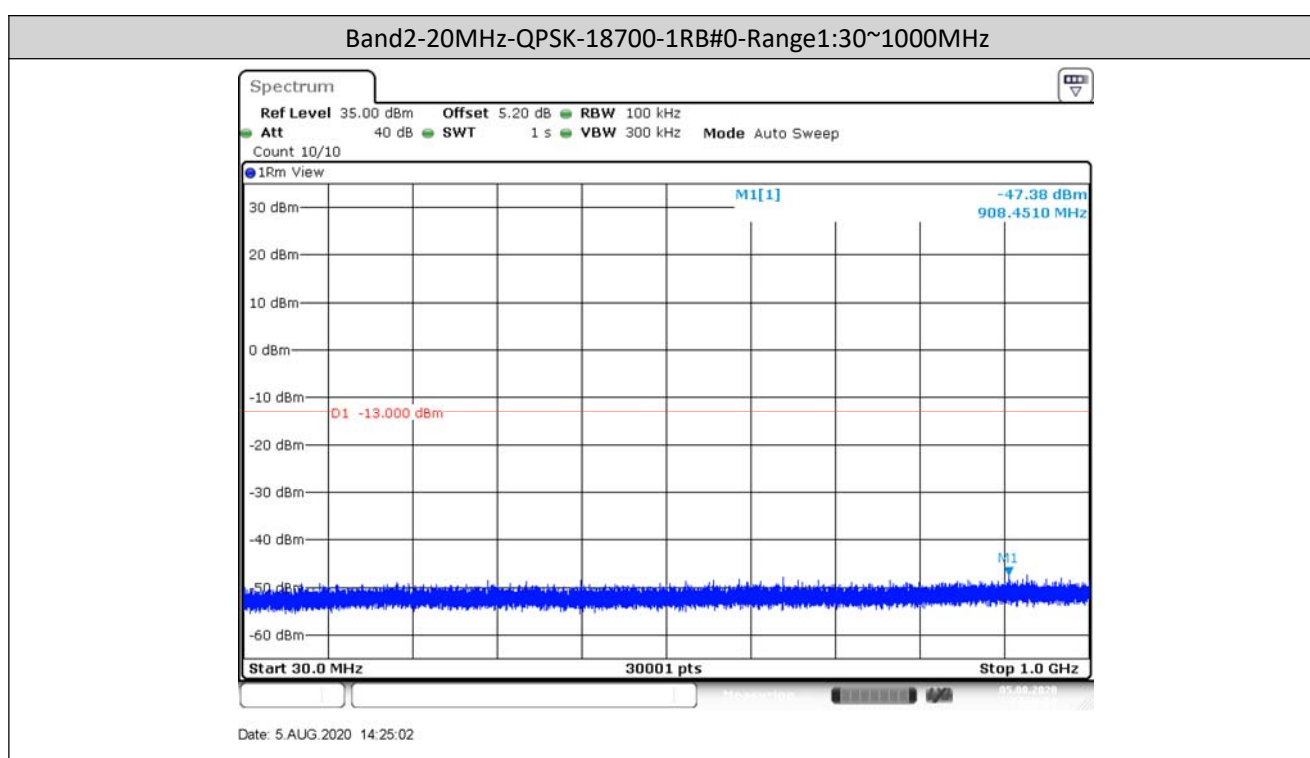


6. Spurious Emission at Antenna Terminal

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

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

6.1. Test Plots



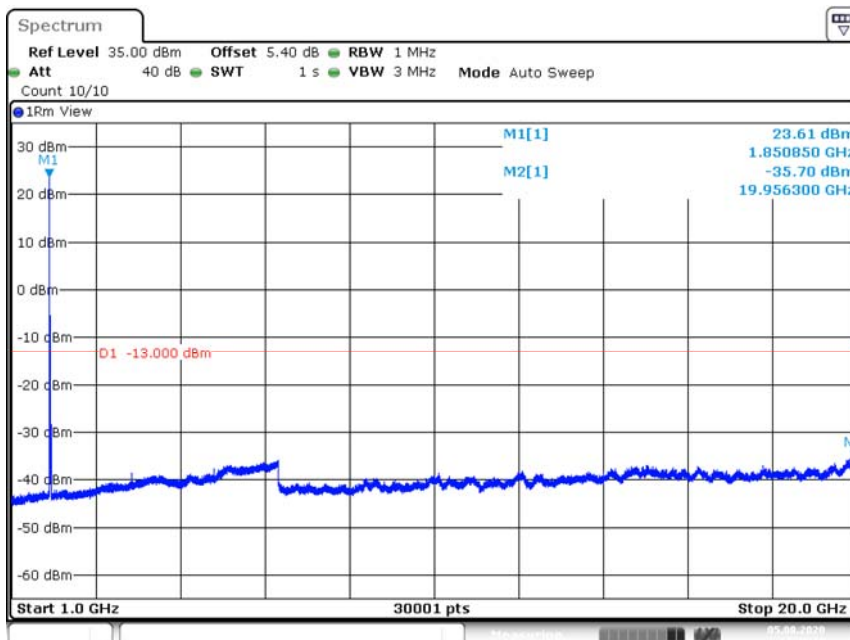
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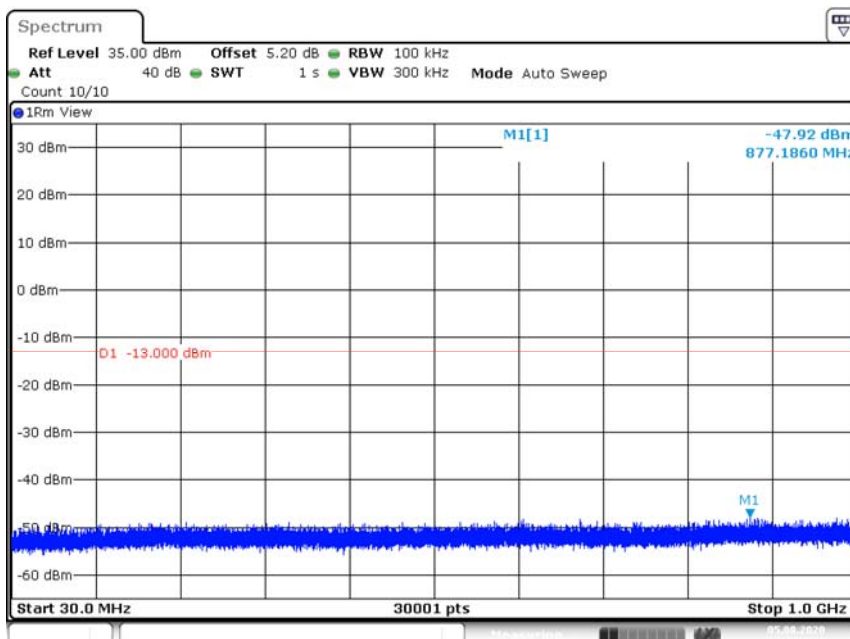
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Band2-20MHz-QPSK-18700-1RB#0-Range2:1000~20000MHz



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

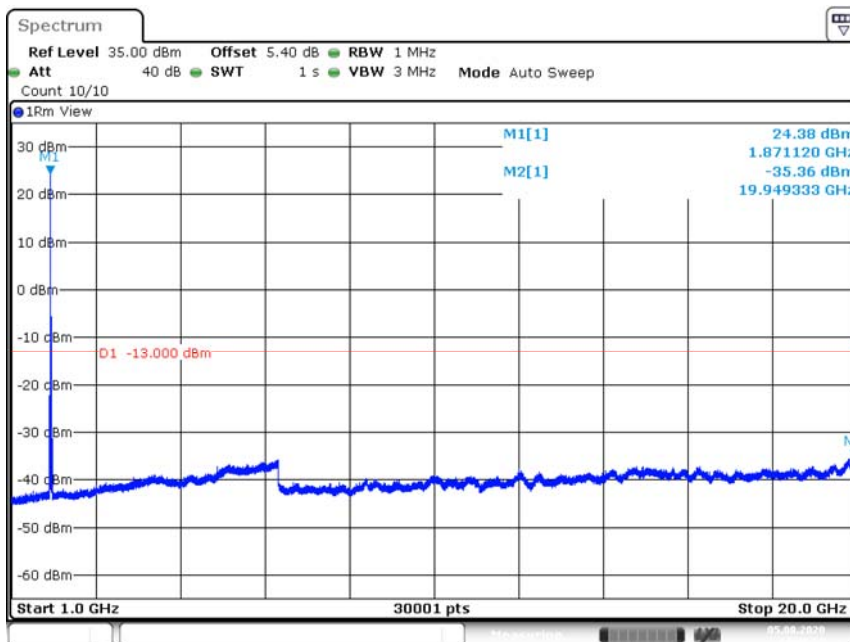
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Date: 5.AUG.2020 14:25:37

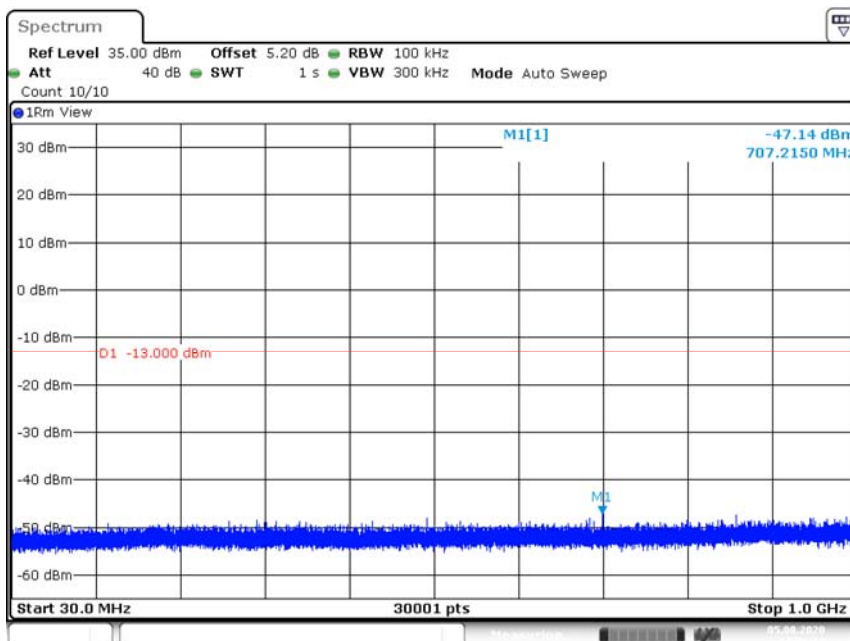


Band2-20MHz-QPSK-18900-1RB#0-Range2:1000~20000MHz



Date: 5.AUG.2020 14:25:53

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



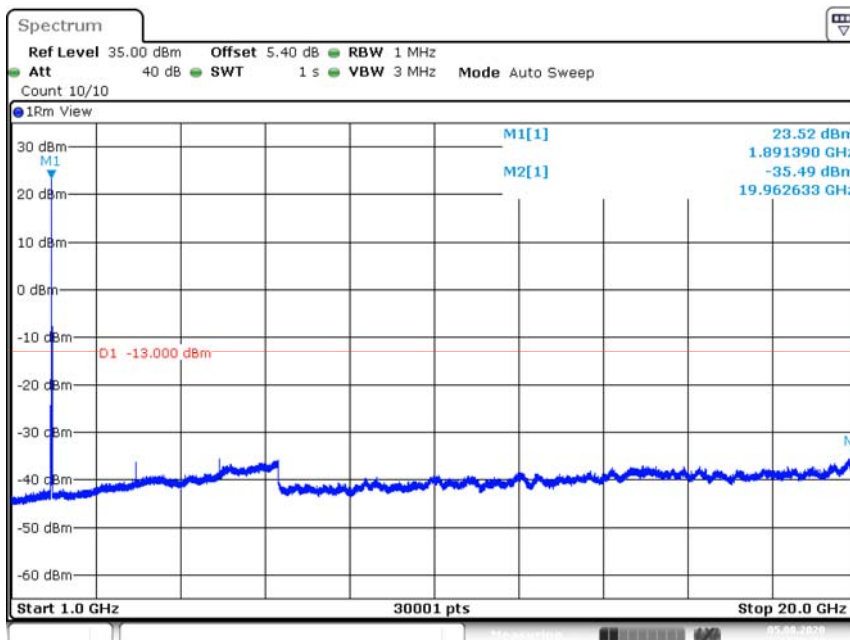
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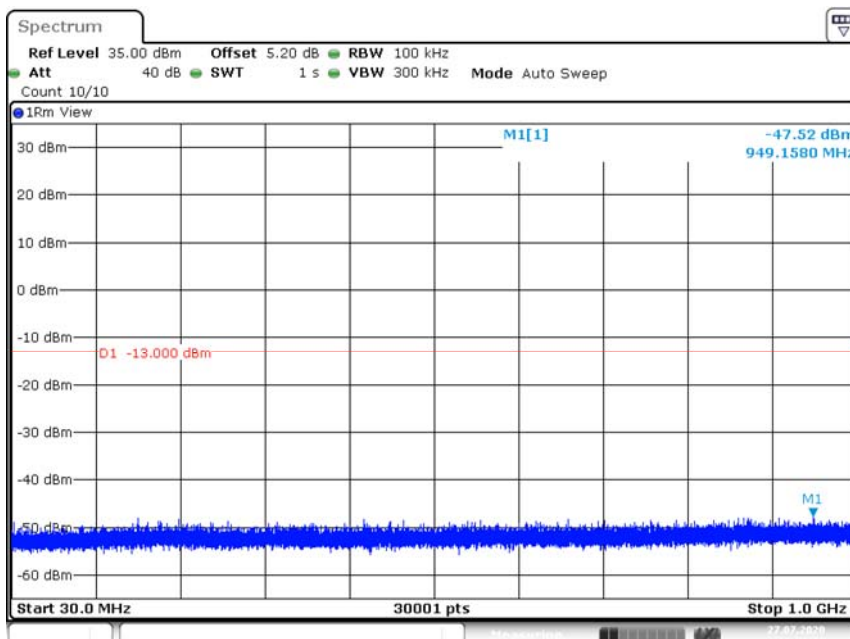
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Band2-20MHz-QPSK-19100-1RB#0-Range2:1000~20000MHz



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

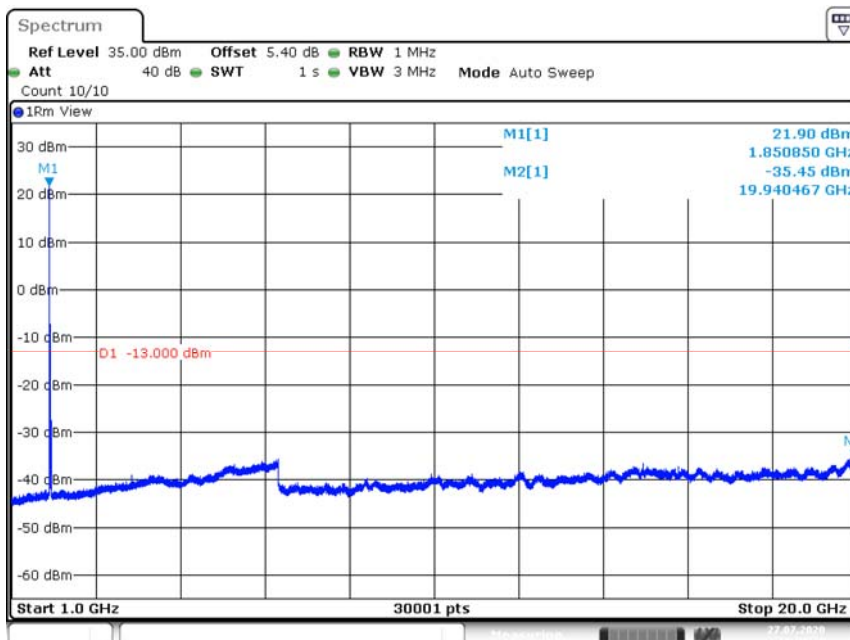
Band2-20MHz-16QAM-18700-1RB#0-Range1:30~1000MHz



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

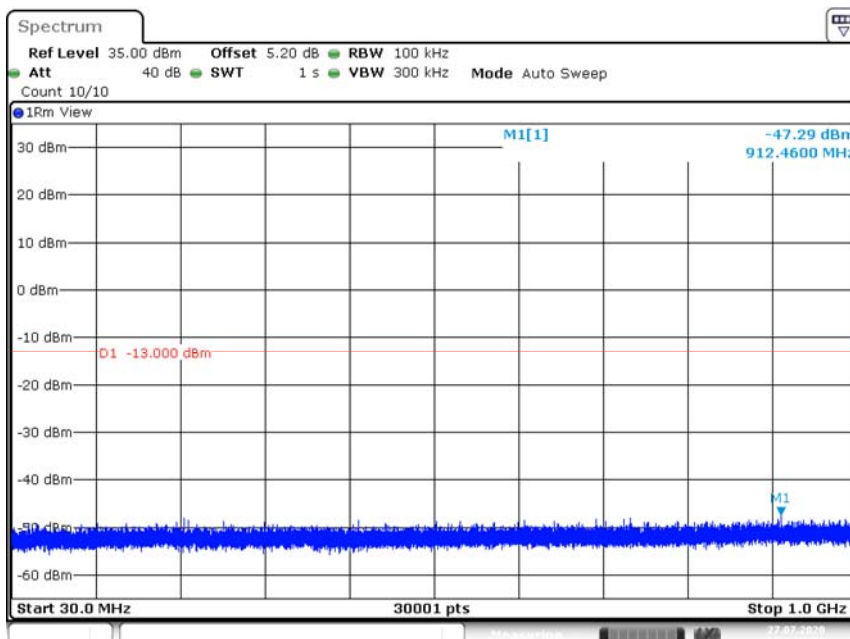


Band2-20MHz-16QAM-18700-1RB#0-Range2:1000~20000MHz



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

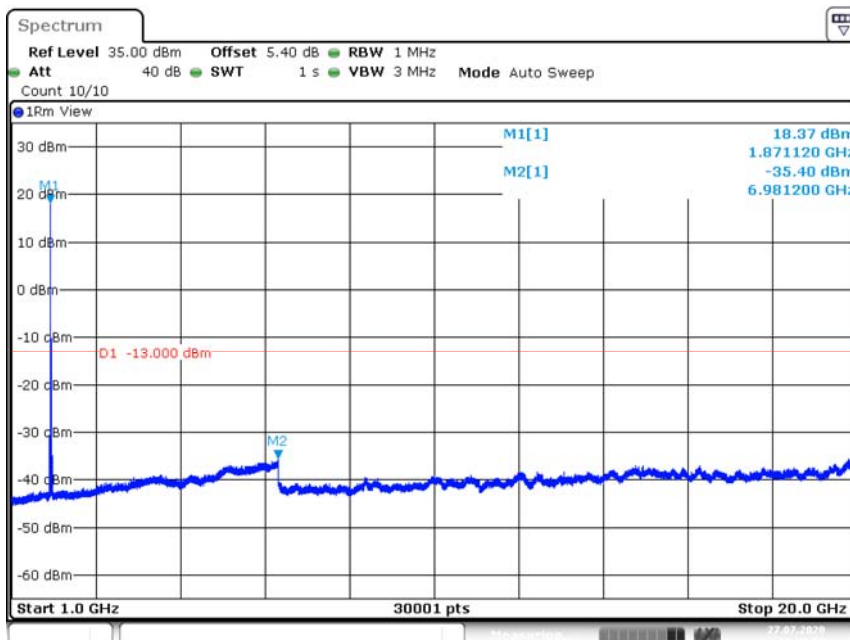
Band2-20MHz-16QAM-18900-1RB#0-Range1:30~1000MHz



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

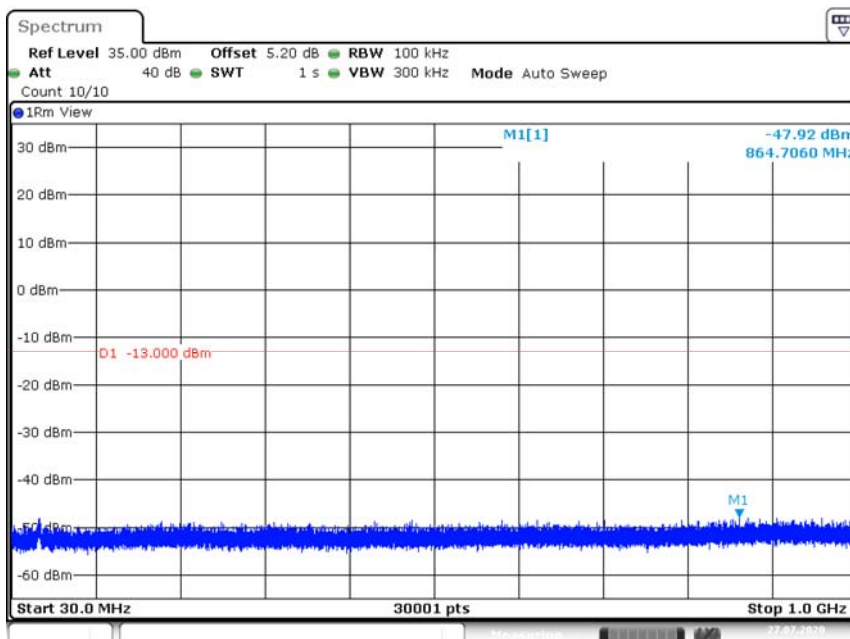


Band2-20MHz-16QAM-18900-1RB#0-Range2:1000~20000MHz



Date: 27.JUL.2020 19:40:56

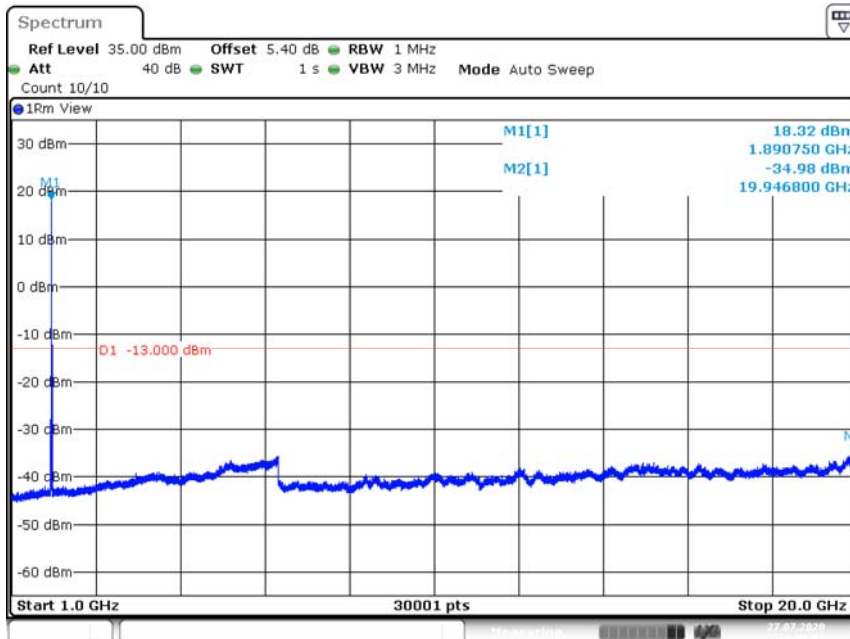
Band2-20MHz-16QAM-19100-1RB#0-Range1:30~1000MHz



Date: 27.JUL.2020 19:41:50



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



Date: 27.JUL.2020 19:42:06



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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 20MHz

7.1.1.Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
78.4054	-57.74	-13.00	44.74	119	104	Vertical
248.8429	-65.92	-13.00	52.92	263	36	Vertical
3702.0234	-49.19	-13.00	36.19	272	263	Vertical
5553.0851	-55.72	-13.00	42.72	172	136	Vertical
7404.1468	-48.12	-13.00	35.12	122	67	Vertical
17996.4999	-39.32	-13.00	26.32	244	299	Vertical
45.5693	-63.56	-13.00	50.56	163	354	Horizontal
164.2547	-63.72	-13.00	50.72	172	130	Horizontal
3702.0234	-39.70	-13.00	26.70	111	195	Horizontal
5553.5851	-45.71	-13.00	32.71	285	195	Horizontal
10587.7529	-52.27	-13.00	39.27	299	354	Horizontal
16390.4463	-43.31	-13.00	30.31	186	35	Horizontal

7.1.2.Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
78.0659	-58.51	-13.00	45.51	298	68	Vertical
340.5125	-62.27	-13.00	49.27	266	292	Vertical
3742.5248	-52.23	-13.00	39.23	273	260	Vertical
5613.0871	-56.04	-13.00	43.04	117	356	Vertical
7484.1495	-50.52	-13.00	37.52	182	356	Vertical
17997.9999	-39.27	-13.00	26.27	121	164	Vertical
44.8417	-64.21	-13.00	51.21	166	259	Horizontal
165.0308	-64.97	-13.00	51.97	132	131	Horizontal
341.7736	-63.10	-13.00	50.10	262	67	Horizontal
3742.0247	-38.69	-13.00	25.69	278	195	Horizontal
5613.0871	-47.14	-13.00	34.14	211	99	Horizontal
16399.4466	-43.25	-13.00	30.25	274	323	Horizontal



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7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
78.5509	-57.64	-13.00	44.64	166	36	Vertical
337.6994	-62.87	-13.00	49.87	173	291	Vertical
3782.0261	-50.52	-13.00	37.52	172	291	Vertical
5673.0891	-50.43	-13.00	37.43	266	195	Vertical
7564.6522	-51.18	-13.00	38.18	187	355	Vertical
17996.4999	-39.75	-13.00	26.75	252	195	Vertical
40.8160	-62.38	-13.00	49.38	261	131	Horizontal
165.9038	-64.37	-13.00	51.37	211	131	Horizontal
343.7137	-63.17	-13.00	50.17	272	99	Horizontal
3782.0261	-39.06	-13.00	26.06	129	195	Horizontal
5673.0891	-43.21	-13.00	30.21	176	99	Horizontal
16397.4466	-43.33	-13.00	30.33	172	355	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	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



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Band2	20MHz	QPSK	18700	100RB#0	NV	50	1.40	0.000753	±2.5	PASS
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



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Band2	20MHz	16QAM	19100	32RB#0	NV	-20	-3.20	-0.001684	±2.5	PASS
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



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