



Appendix B

E-UTRA Band 2



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

Down Antenna:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	23.19	17.79	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	23.19	17.79	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	22.93	17.53	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	23.29	17.89	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	23.33	17.93	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	23.38	17.98	33.00	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.15	16.75	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	23.03	17.63	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	23.28	17.88	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	23.02	17.62	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	23.16	17.76	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	23.16	17.76	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	23.44	18.04	33.00	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.15	16.75	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	23.12	17.72	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	23.26	17.86	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	23.11	17.71	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	22.33	16.93	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	22.36	16.96	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	22.38	16.98	33.00	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	22.20	16.80	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	22.05	16.65	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.76	17.36	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.68	17.28	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	22.13	16.73	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	22.16	16.76	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	22.24	16.84	33.00	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.13	15.73	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	22.68	17.28	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.30	16.90	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.70	17.30	33.00	PASS



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Band2	1.4MHz	16QAM	18900	3RB#0	22.17	16.77	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	22.15	16.75	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	22.08	16.68	33.00	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	21.38	15.98	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	22.45	17.05	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	22.65	17.25	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	22.46	17.06	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	21.38	15.98	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	21.35	15.95	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	21.34	15.94	33.00	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	21.35	15.95	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.46	18.06	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.34	17.94	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#14	23.06	17.66	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#0	22.14	16.74	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#4	22.16	16.76	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#7	22.17	16.77	33.00	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.13	16.73	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.12	17.72	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#8	23.27	17.87	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#14	23.12	17.72	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#0	22.18	16.78	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#4	22.24	16.84	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#7	22.23	16.83	33.00	PASS
Band2	3MHz	QPSK	18900	15RB#0	22.18	16.78	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#0	23.07	17.67	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#8	22.59	17.19	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#14	22.31	16.91	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#0	22.17	16.77	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#4	22.20	16.80	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#7	22.26	16.86	33.00	PASS
Band2	3MHz	QPSK	19185	15RB#0	22.23	16.83	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.25	16.85	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.62	17.22	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.62	17.22	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#0	21.19	15.79	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#4	21.27	15.87	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#7	21.24	15.84	33.00	PASS



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Band2	3MHz	16QAM	18615	15RB#0	21.15	15.75	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#0	22.58	17.18	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#8	22.79	17.39	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.60	17.20	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#0	21.15	15.75	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#4	21.06	15.66	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#7	21.21	15.81	33.00	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.15	15.75	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#0	22.08	16.68	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#8	21.79	16.39	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#14	21.33	15.93	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#0	21.13	15.73	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#4	21.20	15.80	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#7	21.07	15.67	33.00	PASS
Band2	3MHz	16QAM	19185	15RB#0	21.23	15.83	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#0	23.63	18.23	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#12	23.44	18.04	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.23	17.83	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#0	22.17	16.77	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#6	22.25	16.85	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#13	22.00	16.60	33.00	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.15	16.75	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#0	23.23	17.83	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#12	23.21	17.81	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#24	23.30	17.90	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#0	22.26	16.86	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#6	22.22	16.82	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#13	22.20	16.80	33.00	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.22	16.82	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#0	23.39	17.99	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#12	22.96	17.56	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#24	22.33	16.93	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#0	22.19	16.79	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#6	22.18	16.78	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#13	22.11	16.71	33.00	PASS
Band2	5MHz	QPSK	19175	25RB#0	22.28	16.88	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#0	22.81	17.41	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.59	17.19	33.00	PASS



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Band2	5MHz	16QAM	18625	1RB#24	22.11	16.71	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#0	21.19	15.79	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#6	21.20	15.80	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#13	21.14	15.74	33.00	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.27	15.87	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#0	22.47	17.07	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#12	22.27	16.87	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#24	22.17	16.77	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#0	21.31	15.91	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#6	21.14	15.74	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#13	21.15	15.75	33.00	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.28	15.88	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#0	22.30	16.90	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#12	22.04	16.64	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#24	21.38	15.98	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#0	21.28	15.88	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#6	21.19	15.79	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#13	21.23	15.83	33.00	PASS
Band2	5MHz	16QAM	19175	25RB#0	21.13	15.73	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.70	18.30	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.47	18.07	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#49	23.48	18.08	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#0	22.34	16.94	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#12	22.30	16.90	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#25	22.23	16.83	33.00	PASS
Band2	10MHz	QPSK	18650	50RB#0	22.32	16.92	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#0	23.55	18.15	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#24	23.32	17.92	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#49	23.69	18.29	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#0	22.26	16.86	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#12	22.18	16.78	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#25	22.36	16.96	33.00	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.25	16.85	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#0	23.21	17.81	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#24	23.22	17.82	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#49	22.33	16.93	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#0	22.18	16.78	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#12	22.24	16.84	33.00	PASS



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Band2	10MHz	QPSK	19150	25RB#25	22.32	16.92	33.00	PASS
Band2	10MHz	QPSK	19150	50RB#0	22.21	16.81	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#0	22.47	17.07	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#24	22.64	17.24	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#49	21.82	16.42	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#0	21.28	15.88	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#12	21.19	15.79	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#25	21.37	15.97	33.00	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.41	16.01	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#0	22.61	17.21	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.69	17.29	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.43	17.03	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#0	21.28	15.88	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#12	21.21	15.81	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#25	21.41	16.01	33.00	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.26	15.86	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#0	22.45	17.05	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#24	22.29	16.89	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#49	21.55	16.15	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#0	21.27	15.87	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#12	21.35	15.95	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#25	21.33	15.93	33.00	PASS
Band2	10MHz	16QAM	19150	50RB#0	21.24	15.84	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.00	17.60	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#38	23.00	17.60	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#74	22.87	17.47	33.00	PASS
Band2	15MHz	QPSK	18675	38RB#0	21.84	16.44	33.00	PASS
Band2	15MHz	QPSK	18675	38RB#18	22.09	16.69	33.00	PASS
Band2	15MHz	QPSK	18675	38RB#37	22.08	16.68	33.00	PASS
Band2	15MHz	QPSK	18675	75RB#0	22.02	16.62	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#0	22.94	17.54	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#38	23.23	17.83	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#74	23.31	17.91	33.00	PASS
Band2	15MHz	QPSK	18900	38RB#0	21.98	16.58	33.00	PASS
Band2	15MHz	QPSK	18900	38RB#18	22.30	16.90	33.00	PASS
Band2	15MHz	QPSK	18900	38RB#37	22.24	16.84	33.00	PASS
Band2	15MHz	QPSK	18900	75RB#0	22.10	16.70	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#0	22.94	17.54	33.00	PASS



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Band2	15MHz	QPSK	19125	1RB#38	23.11	17.71	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#74	22.37	16.97	33.00	PASS
Band2	15MHz	QPSK	19125	38RB#0	22.01	16.61	33.00	PASS
Band2	15MHz	QPSK	19125	38RB#18	22.01	16.61	33.00	PASS
Band2	15MHz	QPSK	19125	38RB#37	22.27	16.87	33.00	PASS
Band2	15MHz	QPSK	19125	75RB#0	22.08	16.68	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#0	22.06	16.66	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#38	22.16	16.76	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#74	21.35	15.95	33.00	PASS
Band2	15MHz	16QAM	18675	38RB#0	20.92	15.52	33.00	PASS
Band2	15MHz	16QAM	18675	38RB#18	21.12	15.72	33.00	PASS
Band2	15MHz	16QAM	18675	38RB#37	21.06	15.66	33.00	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.08	15.68	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#0	22.17	16.77	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#38	22.67	17.27	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.60	17.20	33.00	PASS
Band2	15MHz	16QAM	18900	38RB#0	20.95	15.55	33.00	PASS
Band2	15MHz	16QAM	18900	38RB#18	21.28	15.88	33.00	PASS
Band2	15MHz	16QAM	18900	38RB#37	21.22	15.82	33.00	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.21	15.81	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#0	21.88	16.48	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#38	22.24	16.84	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#74	21.37	15.97	33.00	PASS
Band2	15MHz	16QAM	19125	38RB#0	20.90	15.50	33.00	PASS
Band2	15MHz	16QAM	19125	38RB#18	21.18	15.78	33.00	PASS
Band2	15MHz	16QAM	19125	38RB#37	21.17	15.77	33.00	PASS
Band2	15MHz	16QAM	19125	75RB#0	21.08	15.68	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.42	18.02	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#49	23.38	17.98	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#99	22.76	17.36	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#0	22.44	17.04	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#25	22.33	16.93	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#50	22.13	16.73	33.00	PASS
Band2	20MHz	QPSK	18700	100RB#0	22.45	17.05	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#0	23.43	18.03	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#49	23.40	18.00	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#99	22.67	17.27	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#0	22.45	17.05	33.00	PASS



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Band2	20MHz	QPSK	18900	50RB#25	22.34	16.94	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#50	22.19	16.79	33.00	PASS
Band2	20MHz	QPSK	18900	100RB#0	22.33	16.93	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#0	23.36	17.96	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#49	22.98	17.58	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#99	22.38	16.98	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#0	22.39	16.99	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#25	22.30	16.90	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#50	22.13	16.73	33.00	PASS
Band2	20MHz	QPSK	19100	100RB#0	22.46	17.06	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#0	22.81	17.41	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#49	22.15	16.75	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#99	21.84	16.44	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#0	21.46	16.06	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#25	21.43	16.03	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#50	21.24	15.84	33.00	PASS
Band2	20MHz	16QAM	18700	100RB#0	21.32	15.92	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#0	22.68	17.28	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#49	22.45	17.05	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#99	22.20	16.80	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#0	21.45	16.05	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#25	21.23	15.83	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#50	21.25	15.85	33.00	PASS
Band2	20MHz	16QAM	18900	100RB#0	21.29	15.89	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#0	22.66	17.26	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#49	22.29	16.89	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#99	21.81	16.41	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#0	21.29	15.89	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#25	21.32	15.92	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#50	21.10	15.70	33.00	PASS
Band2	20MHz	16QAM	19100	100RB#0	21.19	15.79	33.00	PASS



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Up Antenna:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	19.79	16.69	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	19.79	16.69	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	19.70	16.60	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	19.72	16.62	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	19.74	16.64	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	19.71	16.61	33.00	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	19.64	16.54	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	19.53	16.43	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	19.61	16.51	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	19.52	16.42	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	19.54	16.44	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	19.63	16.53	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	19.53	16.43	33.00	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	19.52	16.42	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	19.49	16.39	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	19.54	16.44	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	19.47	16.37	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	19.50	16.40	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	19.54	16.44	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	19.50	16.40	33.00	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	19.47	16.37	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	20.01	16.91	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	20.04	16.94	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	19.97	16.87	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	19.74	16.64	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	19.75	16.65	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	19.66	16.56	33.00	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	19.70	16.60	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	19.83	16.73	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	19.92	16.82	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	19.80	16.70	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	19.62	16.52	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	19.67	16.57	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	19.58	16.48	33.00	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	19.59	16.49	33.00	PASS



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Band2	1.4MHz	16QAM	19193	1RB#0	19.86	16.76	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	19.88	16.78	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	19.88	16.78	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	19.57	16.47	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	19.55	16.45	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	19.50	16.40	33.00	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	19.61	16.51	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#0	19.80	16.70	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#8	19.72	16.62	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#14	19.63	16.53	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#0	19.70	16.60	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#4	19.71	16.61	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#7	19.68	16.58	33.00	PASS
Band2	3MHz	QPSK	18615	15RB#0	19.70	16.60	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#0	19.56	16.46	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#8	19.59	16.49	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#14	19.61	16.51	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#0	19.60	16.50	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#4	19.59	16.49	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#7	19.55	16.45	33.00	PASS
Band2	3MHz	QPSK	18900	15RB#0	19.59	16.49	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#0	19.54	16.44	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#8	19.62	16.52	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#14	19.51	16.41	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#0	19.55	16.45	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#4	19.57	16.47	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#7	19.52	16.42	33.00	PASS
Band2	3MHz	QPSK	19185	15RB#0	19.55	16.45	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#0	20.12	17.02	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#8	20.03	16.93	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#14	19.96	16.86	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#0	19.74	16.64	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#4	19.74	16.64	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#7	19.72	16.62	33.00	PASS
Band2	3MHz	16QAM	18615	15RB#0	19.70	16.60	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#0	19.92	16.82	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#8	19.98	16.88	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#14	19.92	16.82	33.00	PASS



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Band2	3MHz	16QAM	18900	8RB#0	19.66	16.56	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#4	19.65	16.55	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#7	19.61	16.51	33.00	PASS
Band2	3MHz	16QAM	18900	15RB#0	19.59	16.49	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#0	19.87	16.77	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#8	20.01	16.91	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#14	19.86	16.76	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#0	19.59	16.49	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#4	19.62	16.52	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#7	19.56	16.46	33.00	PASS
Band2	3MHz	16QAM	19185	15RB#0	19.55	16.45	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#0	19.80	16.70	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#12	19.70	16.60	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#24	19.60	16.50	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#0	19.71	16.61	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#6	19.67	16.57	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#13	19.59	16.49	33.00	PASS
Band2	5MHz	QPSK	18625	25RB#0	19.69	16.59	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#0	19.69	16.59	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#12	19.55	16.45	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#24	19.57	16.47	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#0	19.62	16.52	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#6	19.57	16.47	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#13	19.55	16.45	33.00	PASS
Band2	5MHz	QPSK	18900	25RB#0	19.60	16.50	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#0	19.67	16.57	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#12	19.54	16.44	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#24	19.54	16.44	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#0	19.59	16.49	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#6	19.60	16.50	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#13	19.56	16.46	33.00	PASS
Band2	5MHz	QPSK	19175	25RB#0	19.63	16.53	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#0	20.07	16.97	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#12	20.00	16.90	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#24	19.96	16.86	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#0	19.73	16.63	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#6	19.68	16.58	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#13	19.61	16.51	33.00	PASS



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Band2	5MHz	16QAM	18625	25RB#0	19.67	16.57	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#0	19.99	16.89	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#12	19.88	16.78	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#24	19.93	16.83	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#0	19.66	16.56	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#6	19.59	16.49	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#13	19.56	16.46	33.00	PASS
Band2	5MHz	16QAM	18900	25RB#0	19.58	16.48	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#0	20.07	16.97	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#12	19.88	16.78	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#24	19.86	16.76	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#0	19.63	16.53	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#6	19.66	16.56	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#13	19.59	16.49	33.00	PASS
Band2	5MHz	16QAM	19175	25RB#0	19.63	16.53	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#0	20.02	16.92	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#24	19.69	16.59	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#49	19.76	16.66	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#0	19.86	16.76	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#12	19.76	16.66	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#25	19.81	16.71	33.00	PASS
Band2	10MHz	QPSK	18650	50RB#0	19.82	16.72	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#0	19.72	16.62	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#24	19.61	16.51	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#49	19.71	16.61	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#0	19.65	16.55	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#12	19.66	16.56	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#25	19.71	16.61	33.00	PASS
Band2	10MHz	QPSK	18900	50RB#0	19.62	16.52	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#0	19.67	16.57	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#24	19.56	16.46	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#49	19.66	16.56	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#0	19.63	16.53	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#12	19.66	16.56	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#25	19.65	16.55	33.00	PASS
Band2	10MHz	QPSK	19150	50RB#0	19.69	16.59	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#0	20.23	17.13	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#24	20.04	16.94	33.00	PASS



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Band2	10MHz	16QAM	18650	1RB#49	20.07	16.97	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#0	19.87	16.77	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#12	19.75	16.65	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#25	19.79	16.69	33.00	PASS
Band2	10MHz	16QAM	18650	50RB#0	19.83	16.73	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#0	20.07	16.97	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#24	19.96	16.86	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#49	20.05	16.95	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#0	19.66	16.56	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#12	19.65	16.55	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#25	19.68	16.58	33.00	PASS
Band2	10MHz	16QAM	18900	50RB#0	19.64	16.54	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#0	19.98	16.88	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#24	19.92	16.82	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#49	19.89	16.79	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#0	19.62	16.52	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#12	19.63	16.53	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#25	19.62	16.52	33.00	PASS
Band2	10MHz	16QAM	19150	50RB#0	19.69	16.59	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#0	19.45	16.35	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#38	19.79	16.69	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#74	19.74	16.64	33.00	PASS
Band2	15MHz	QPSK	18675	38RB#0	19.51	16.41	33.00	PASS
Band2	15MHz	QPSK	18675	38RB#18	19.72	16.62	33.00	PASS
Band2	15MHz	QPSK	18675	38RB#37	19.67	16.57	33.00	PASS
Band2	15MHz	QPSK	18675	75RB#0	19.64	16.54	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#0	19.68	16.58	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#38	19.72	16.62	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#74	19.77	16.67	33.00	PASS
Band2	15MHz	QPSK	18900	38RB#0	19.39	16.29	33.00	PASS
Band2	15MHz	QPSK	18900	38RB#18	19.66	16.56	33.00	PASS
Band2	15MHz	QPSK	18900	38RB#37	19.64	16.54	33.00	PASS
Band2	15MHz	QPSK	18900	75RB#0	19.57	16.47	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#0	19.67	16.57	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#38	19.65	16.55	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#74	19.71	16.61	33.00	PASS
Band2	15MHz	QPSK	19125	38RB#0	19.31	16.21	33.00	PASS
Band2	15MHz	QPSK	19125	38RB#18	19.57	16.47	33.00	PASS



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Band2	15MHz	QPSK	19125	38RB#37	19.66	16.56	33.00	PASS
Band2	15MHz	QPSK	19125	75RB#0	19.57	16.47	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#0	19.78	16.68	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#38	20.13	17.03	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#74	20.03	16.93	33.00	PASS
Band2	15MHz	16QAM	18675	38RB#0	19.54	16.44	33.00	PASS
Band2	15MHz	16QAM	18675	38RB#18	19.80	16.70	33.00	PASS
Band2	15MHz	16QAM	18675	38RB#37	19.67	16.57	33.00	PASS
Band2	15MHz	16QAM	18675	75RB#0	19.68	16.58	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#0	19.58	16.48	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#38	20.08	16.98	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#74	20.11	17.01	33.00	PASS
Band2	15MHz	16QAM	18900	38RB#0	19.36	16.26	33.00	PASS
Band2	15MHz	16QAM	18900	38RB#18	19.68	16.58	33.00	PASS
Band2	15MHz	16QAM	18900	38RB#37	19.67	16.57	33.00	PASS
Band2	15MHz	16QAM	18900	75RB#0	19.58	16.48	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#0	19.49	16.39	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#38	19.98	16.88	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#74	19.96	16.86	33.00	PASS
Band2	15MHz	16QAM	19125	38RB#0	19.37	16.27	33.00	PASS
Band2	15MHz	16QAM	19125	38RB#18	19.36	16.26	33.00	PASS
Band2	15MHz	16QAM	19125	38RB#37	19.62	16.52	33.00	PASS
Band2	15MHz	16QAM	19125	75RB#0	19.63	16.53	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#0	20.01	16.91	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#49	19.84	16.74	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#99	19.34	16.24	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#0	20.03	16.93	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#25	19.92	16.82	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#50	19.66	16.56	33.00	PASS
Band2	20MHz	QPSK	18700	100RB#0	19.92	16.82	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#0	20.02	16.92	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#49	19.62	16.52	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#99	19.44	16.34	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#0	20.04	16.94	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#25	19.76	16.66	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#50	19.64	16.54	33.00	PASS
Band2	20MHz	QPSK	18900	100RB#0	19.79	16.69	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#0	19.85	16.75	33.00	PASS



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Band2	20MHz	QPSK	19100	1RB#49	19.53	16.43	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#99	19.33	16.23	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#0	19.72	16.62	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#25	19.71	16.61	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#50	19.65	16.55	33.00	PASS
Band2	20MHz	QPSK	19100	100RB#0	19.78	16.68	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#0	20.55	17.45	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#49	20.26	17.16	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#99	19.69	16.59	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#0	20.05	16.95	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#25	19.93	16.83	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#50	19.65	16.55	33.00	PASS
Band2	20MHz	16QAM	18700	100RB#0	19.90	16.80	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#0	20.40	17.30	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#49	20.08	16.98	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#99	19.63	16.53	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#0	19.78	16.68	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#25	19.78	16.68	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#50	19.63	16.53	33.00	PASS
Band2	20MHz	16QAM	18900	100RB#0	19.77	16.67	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#0	20.20	17.10	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#49	20.02	16.92	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#99	19.58	16.48	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#0	19.72	16.62	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#25	19.73	16.63	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#50	19.70	16.60	33.00	PASS
Band2	20MHz	16QAM	19100	100RB#0	19.71	16.61	33.00	PASS

Remark:

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

$$ERP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBi]}$$

$$EIRP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBi]}$$



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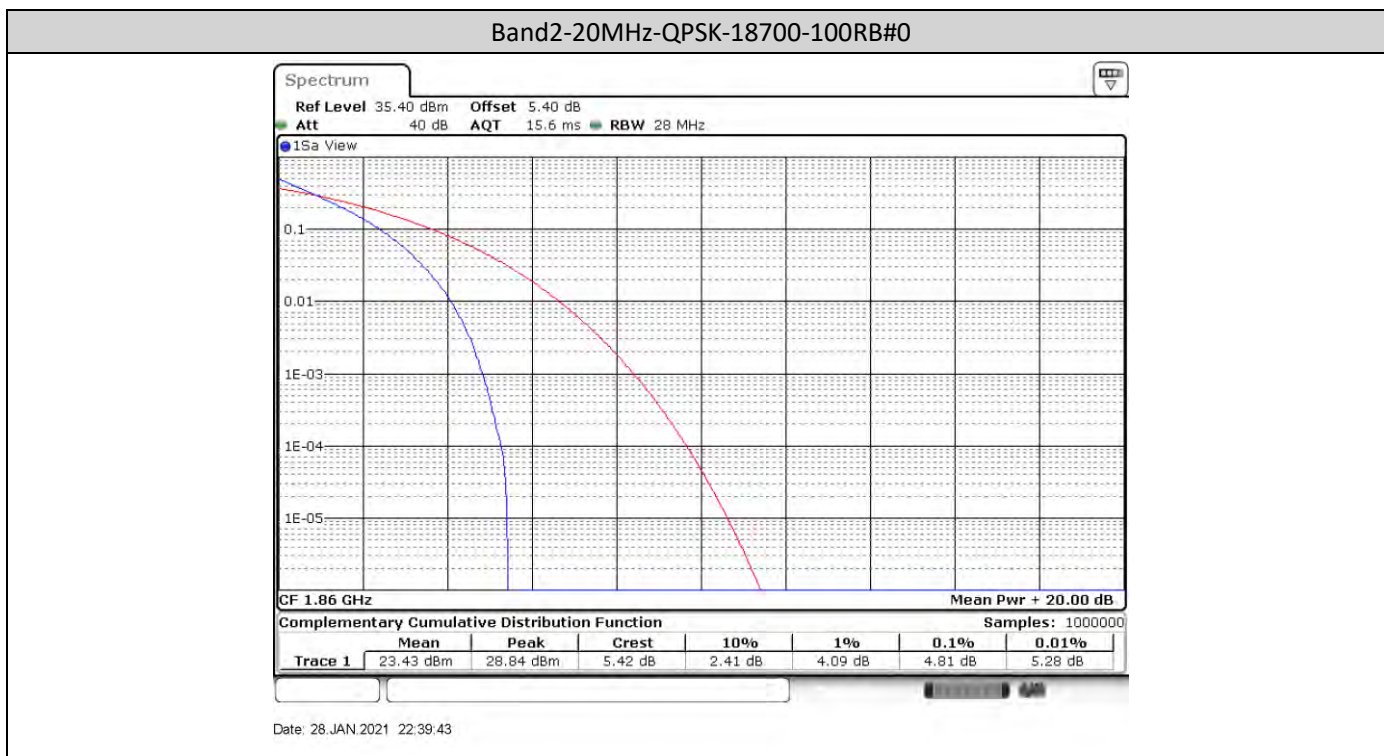


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	4.81	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	4.87	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	4.81	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	5.77	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	5.80	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	5.68	13	PASS

2.2. Test Plots

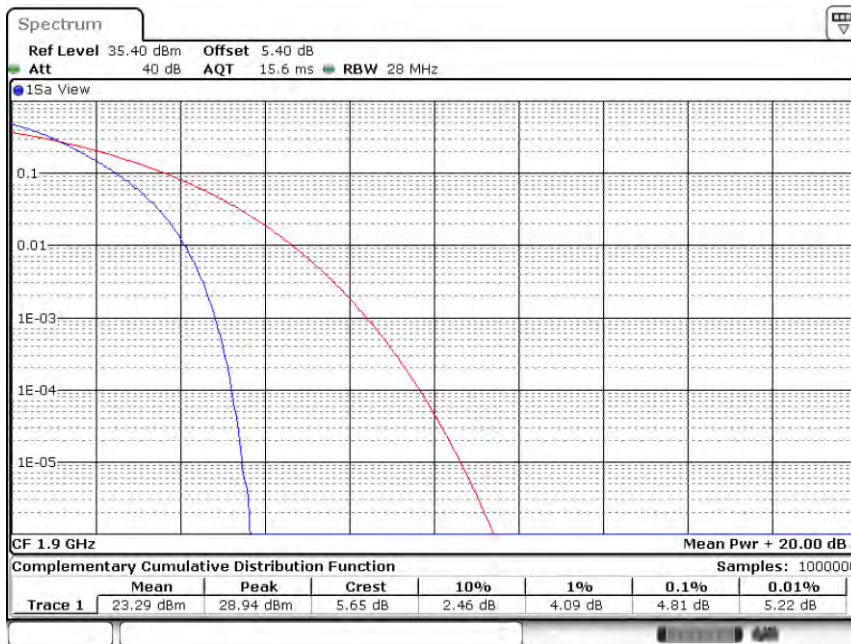


Band2-20MHz-QPSK-18900-100RB#0



Date: 28. JAN 2021 22:40:07

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



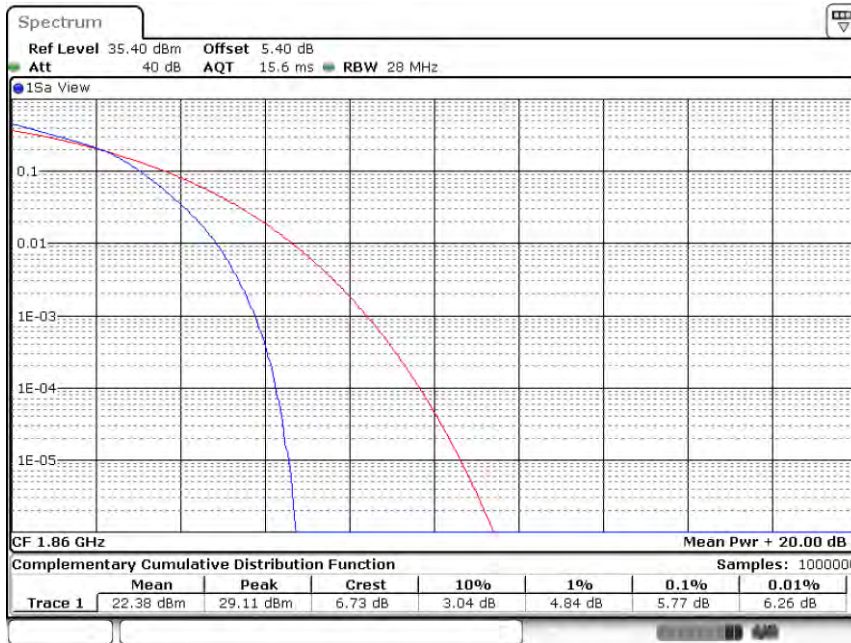
Date: 28. JAN 2021 22:40:30



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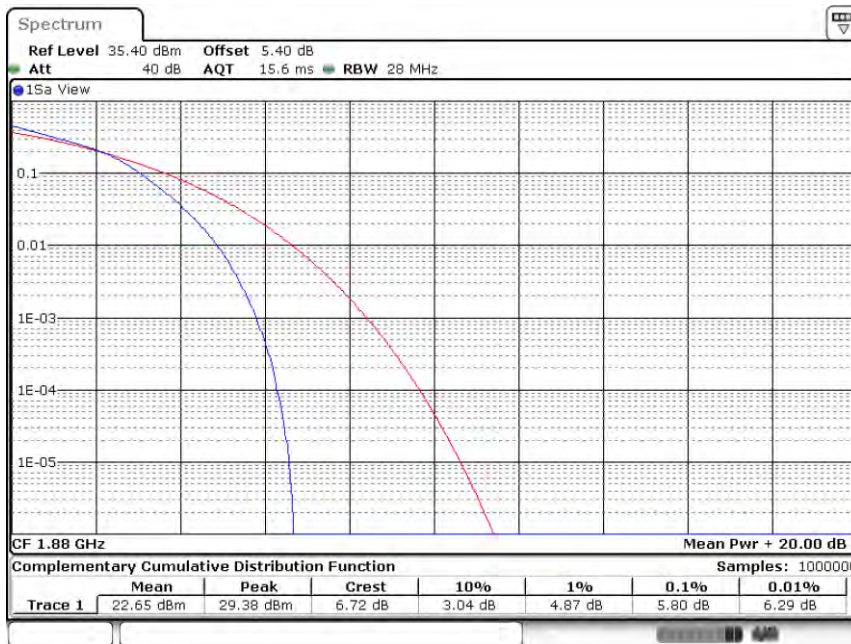
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Band2-20MHz-16QAM-18700-100RB#0



Date: 28. JAN 2021 22:39:55

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

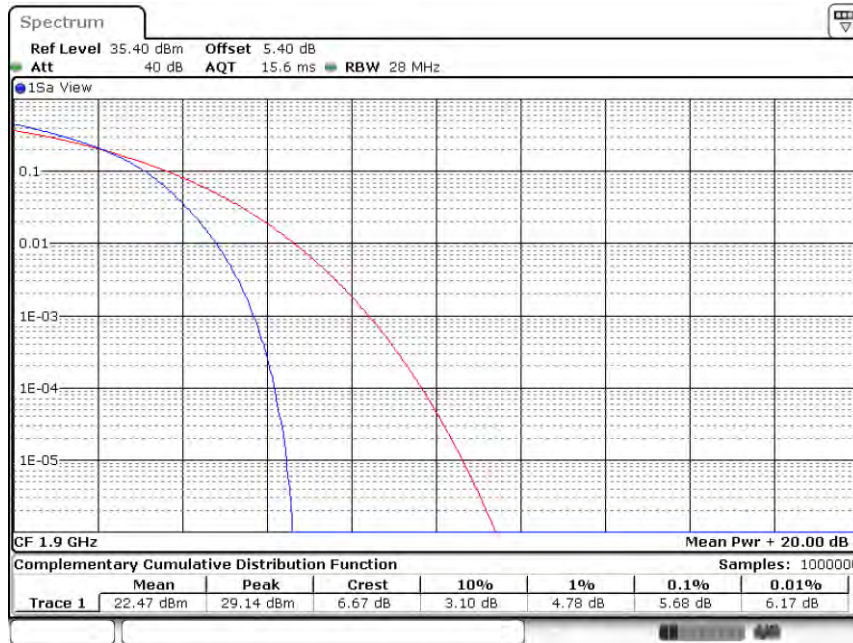


Date: 28. JAN 2021 22:40:19



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



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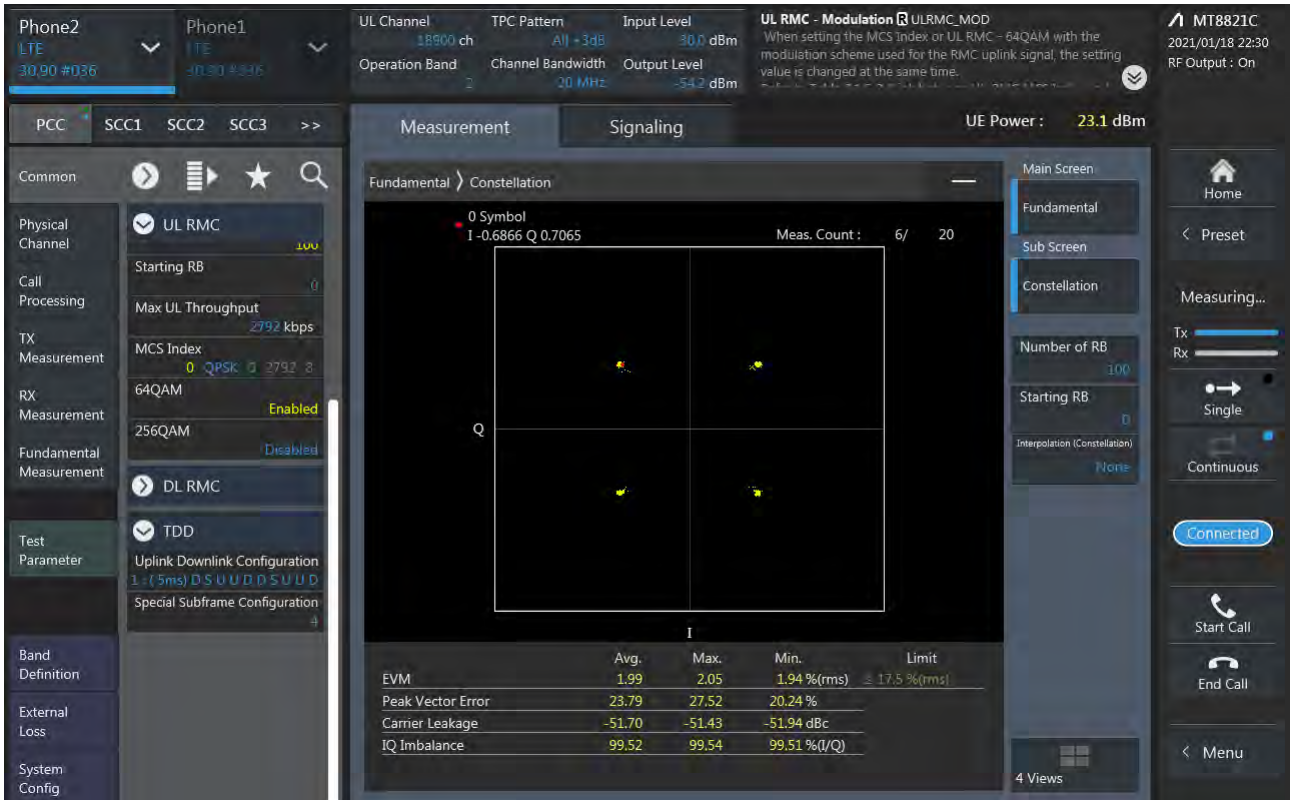
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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

3.1.1. Test Channel = MCH

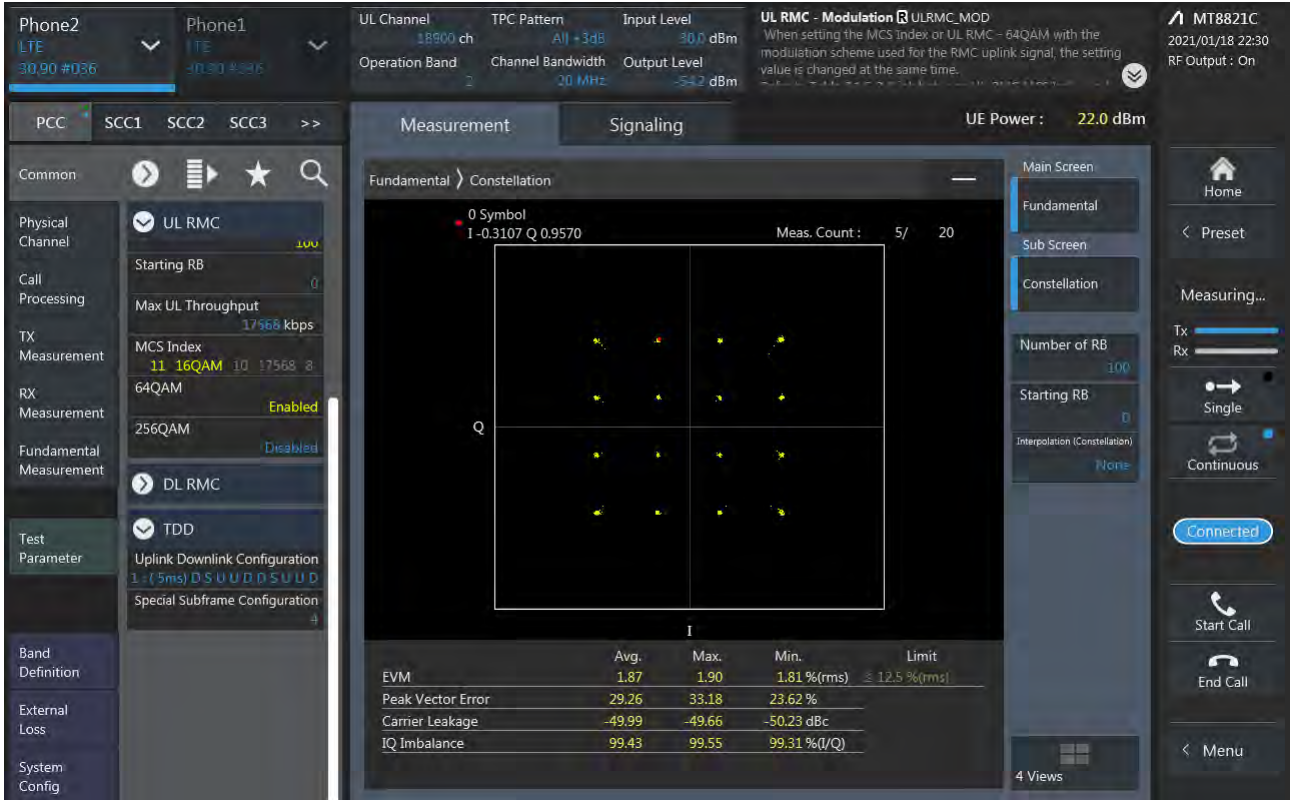


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3.2. Test Mode = LTE /TM2 20MHz

3.2.1. Test Channel = MCH



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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	1.314	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.097	1.305	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.097	1.302	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.091	1.290	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.091	1.290	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.094	1.293	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.691	2.994	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.703	2.988	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.697	3.000	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.691	2.970	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.691	2.976	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.691	2.970	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.476	4.940	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.476	4.910	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.476	4.940	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.496	4.970	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.496	4.960	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.486	4.950	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.931	9.740	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.911	9.720	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.931	9.680	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.931	9.740	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.931	9.800	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.911	9.700	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.487	14.820	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.487	14.790	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.427	14.700	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.487	14.760	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.457	14.790	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.427	14.760	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.902	19.520	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.902	19.480	PASS



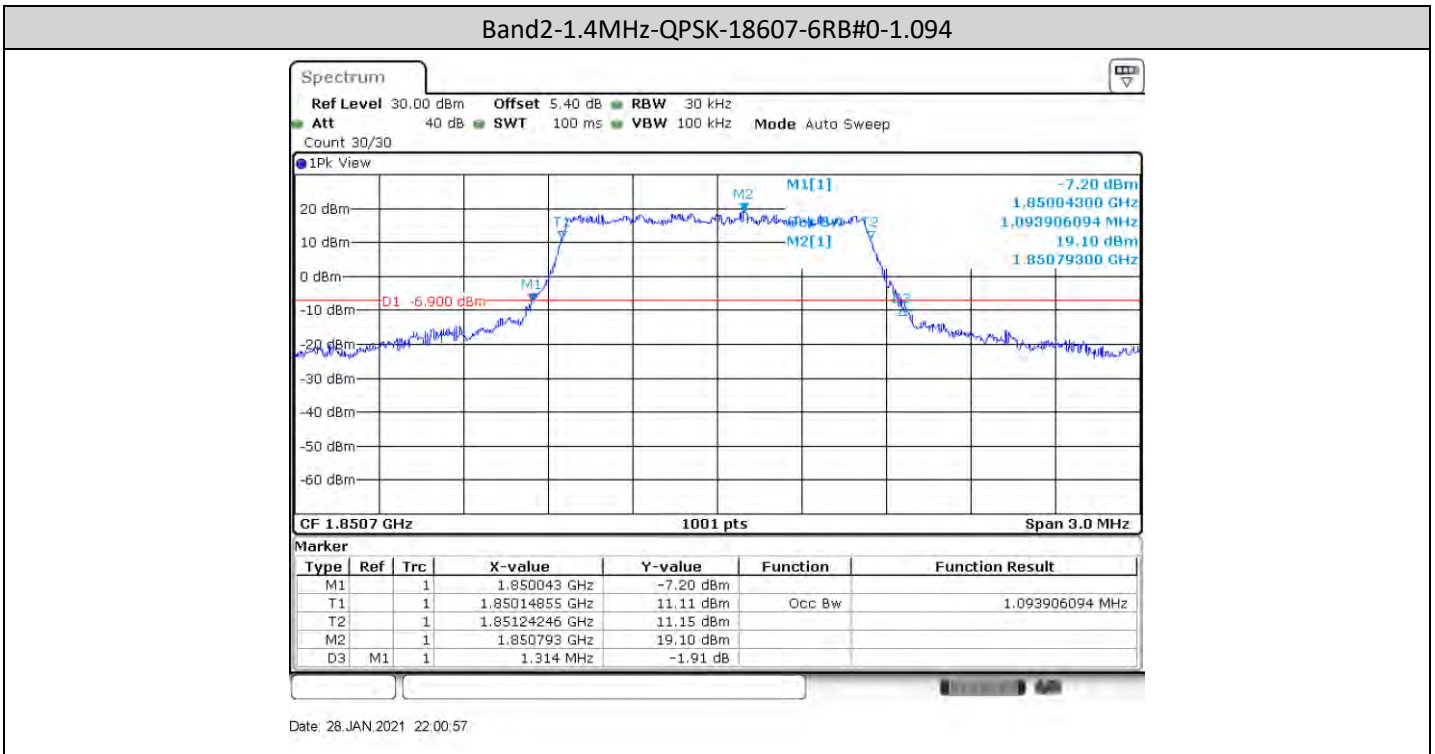
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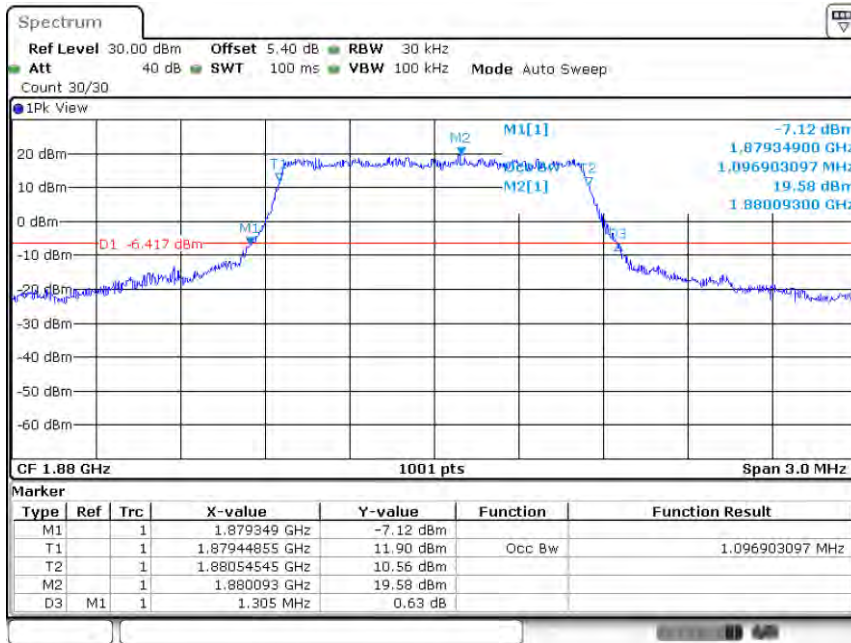
Band2	20MHz	QPSK	19100	100RB#0	17.862	19.360	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.902	19.440	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.902	19.440	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.862	19.360	PASS

4.2. Test Plots



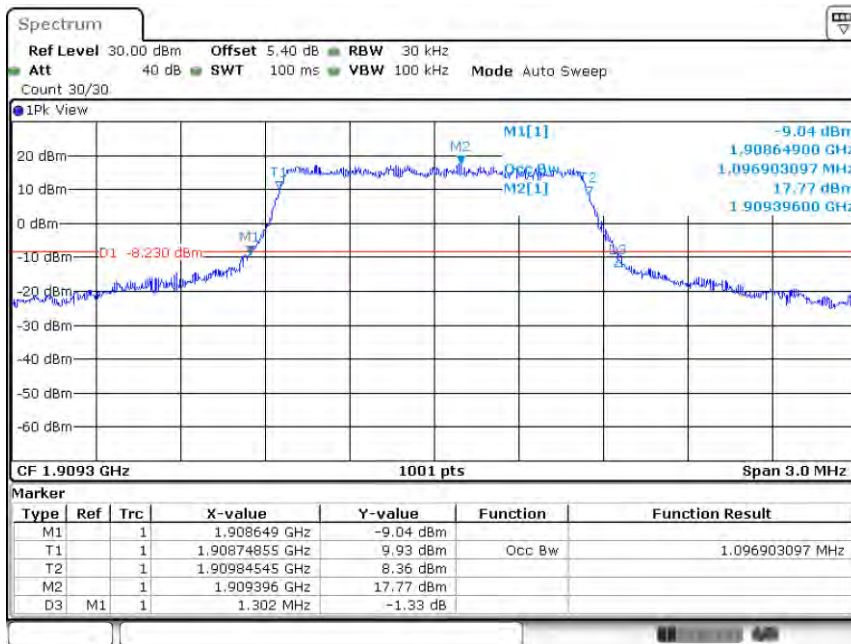
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Band2-1.4MHz-QPSK-18900-6RB#0-1.097



Date: 28 JAN 2021 22:01:23

Band2-1.4MHz-QPSK-19193-6RB#0-1.097



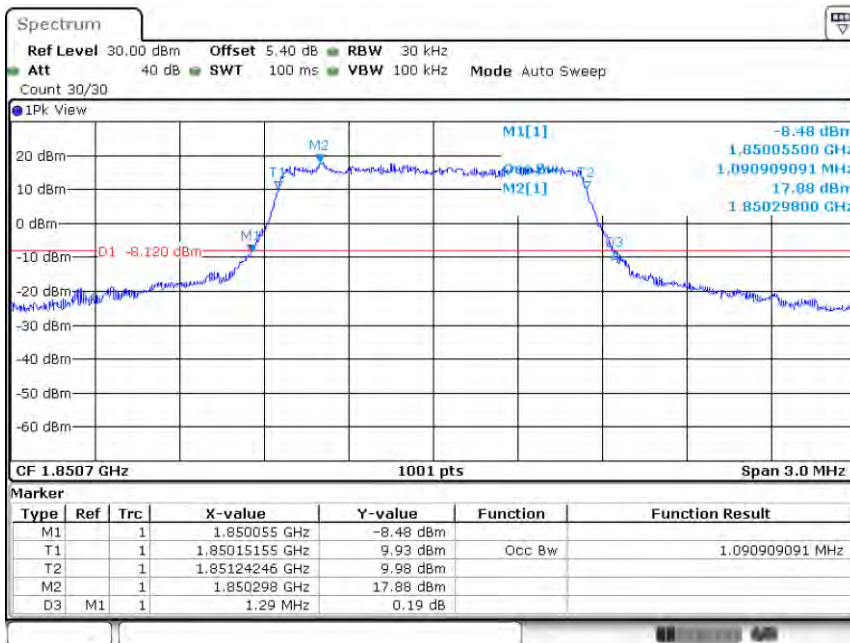
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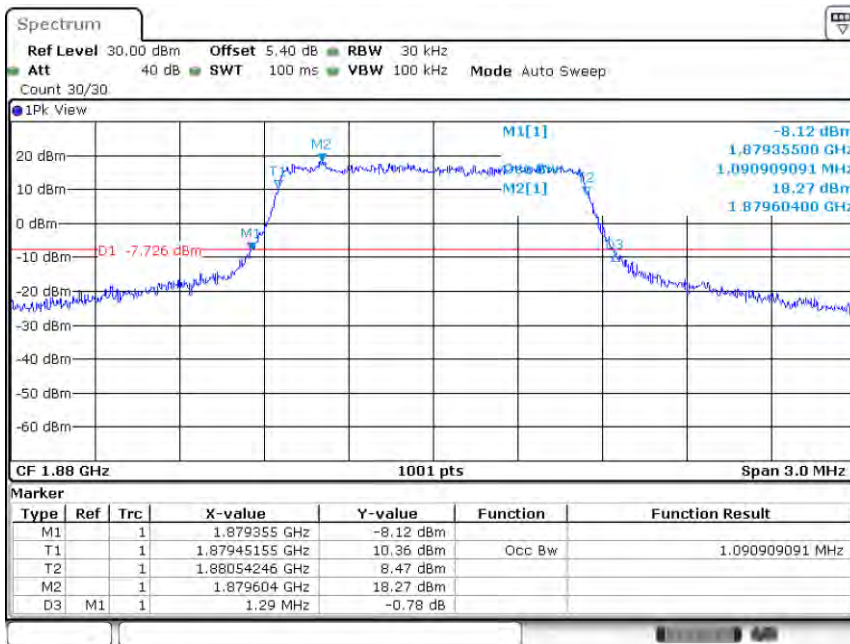


Band2-1.4MHz-16QAM-18607-6RB#0-1.091



Date: 28 JAN 2021 22:01:10

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

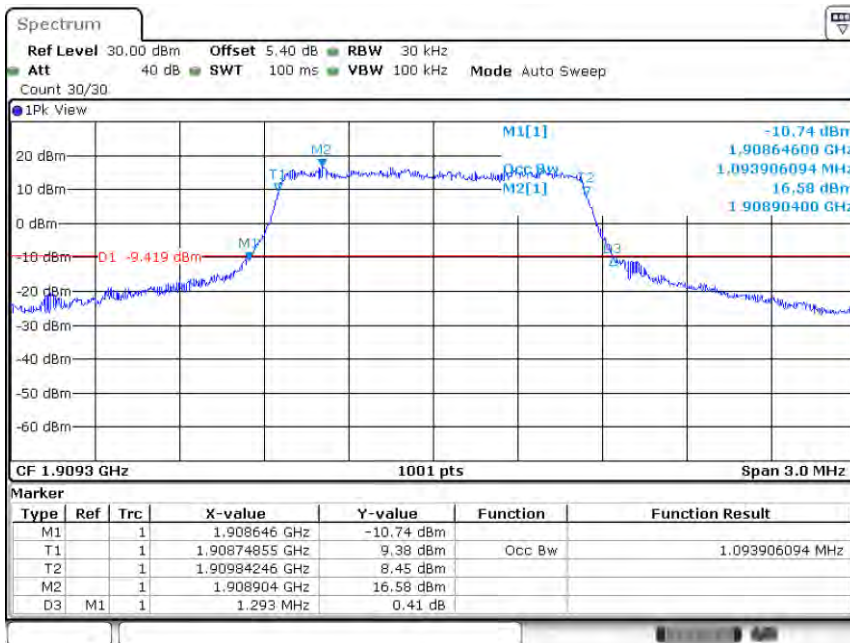


Date: 28 JAN 2021 22:01:36



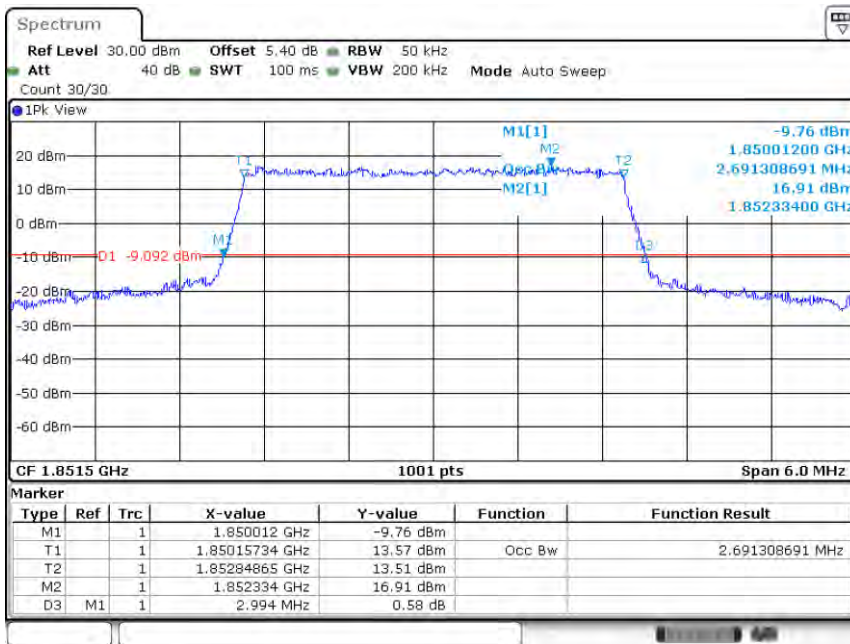
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Band2-1.4MHz-16QAM-19193-6RB#0-1.094



Date: 28.JAN.2021 22:02:01

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

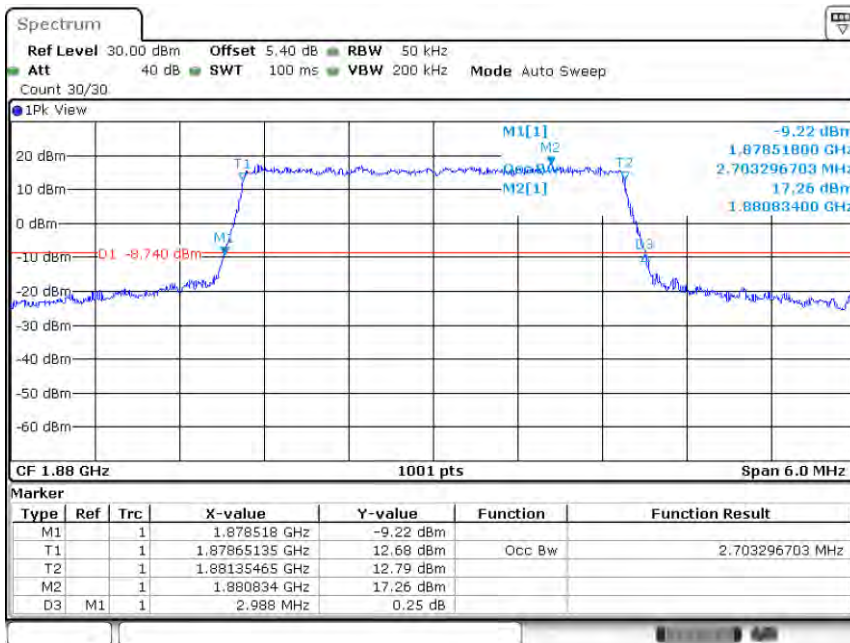


Date: 28.JAN.2021 22:02:19



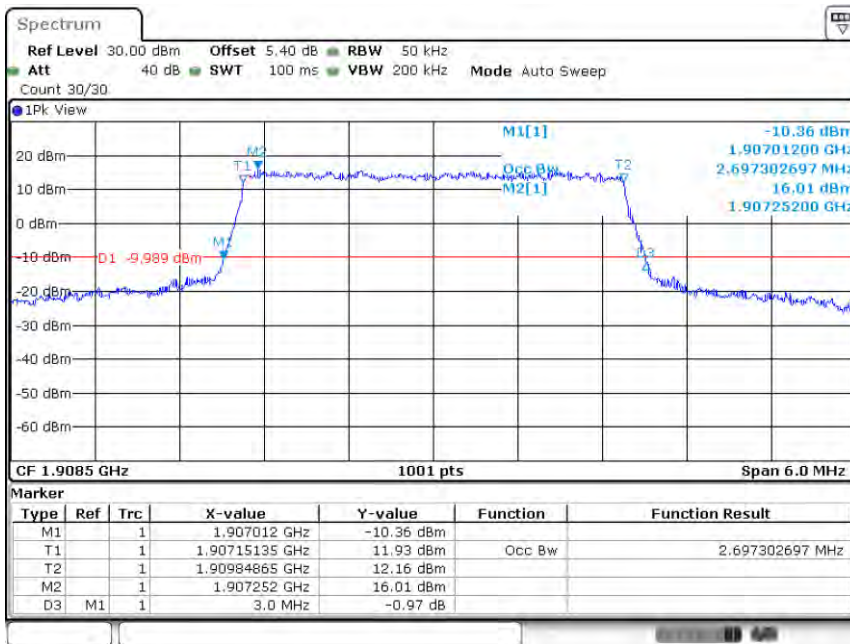
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Band2-3MHz-QPSK-18900-15RB#0-2.703



Date: 28.JAN.2021 22:02:45

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

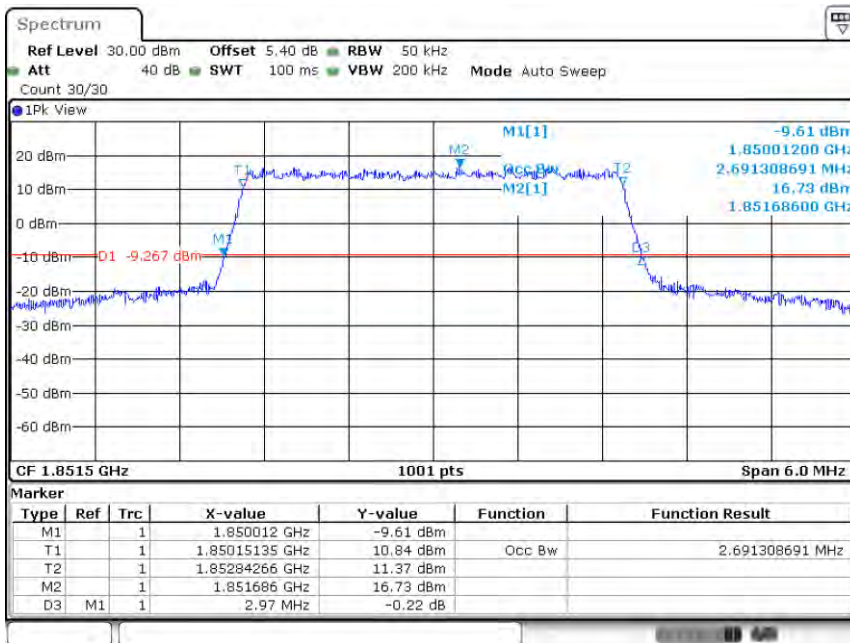


Date: 28.JAN.2021 22:03:11



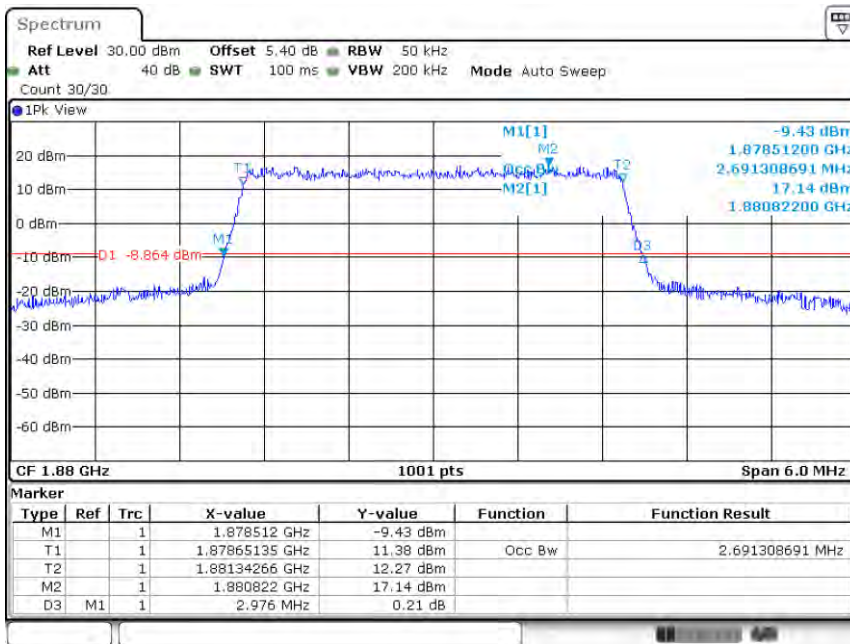
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Band2-3MHz-16QAM-18615-15RB#0-2.691



Date: 28.JAN.2021 22:02:32

Band2-3MHz-16QAM-18900-15RB#0-2.691

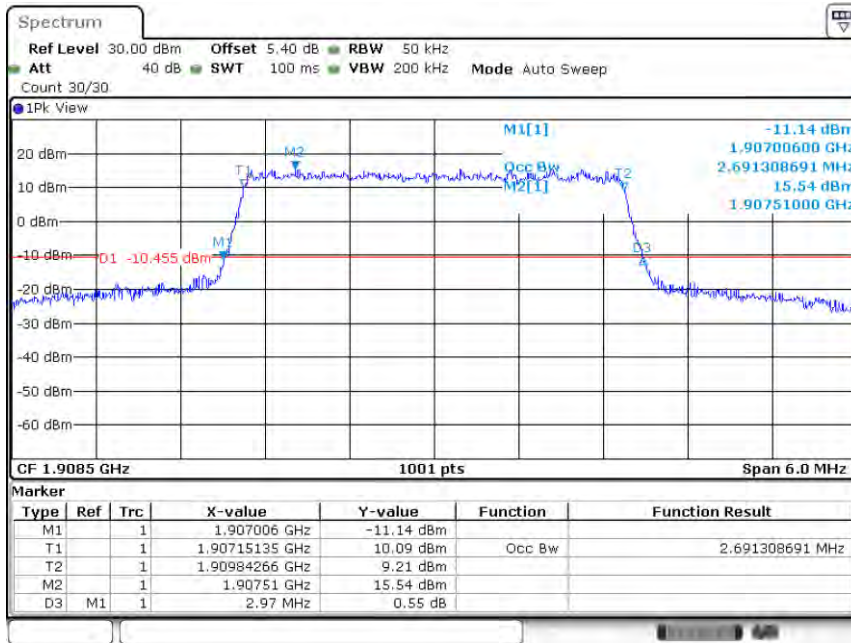


Date: 28.JAN.2021 22:02:57



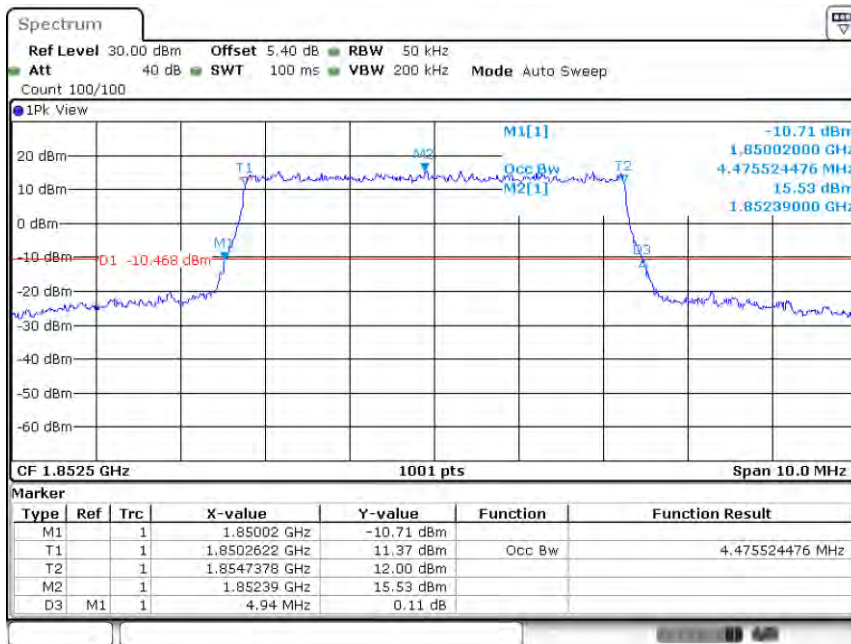
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Band2-3MHz-16QAM-19185-15RB#0-2.691



Date: 28.JAN.2021 22:03:24

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

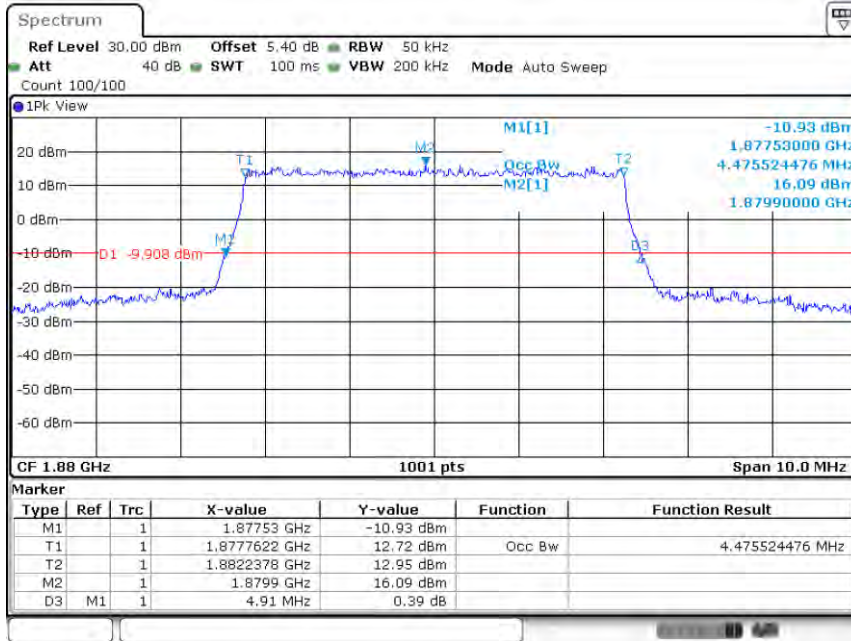


Date: 28.JAN.2021 22:03:48



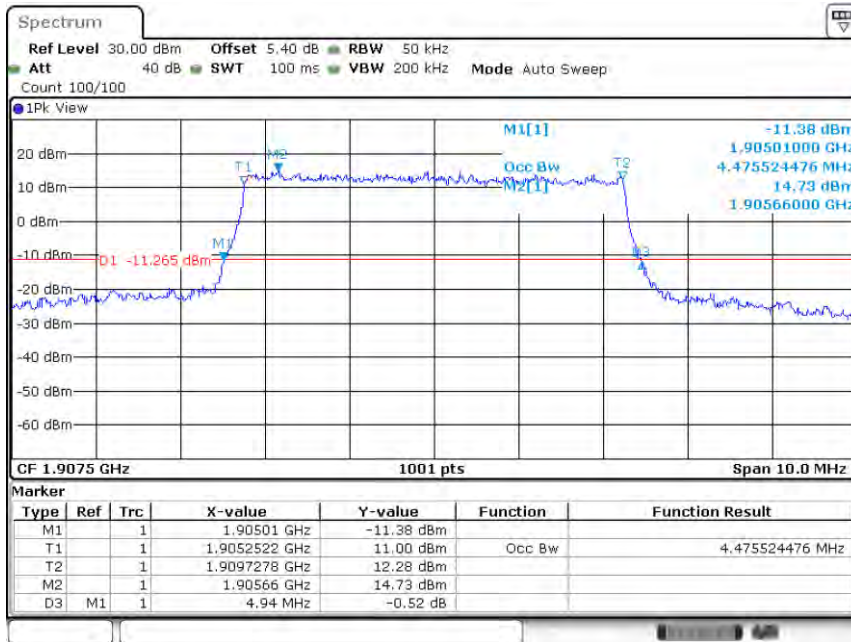
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Band2-5MHz-QPSK-18900-25RB#0-4.476



Date: 28.JAN.2021 22:04:28

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

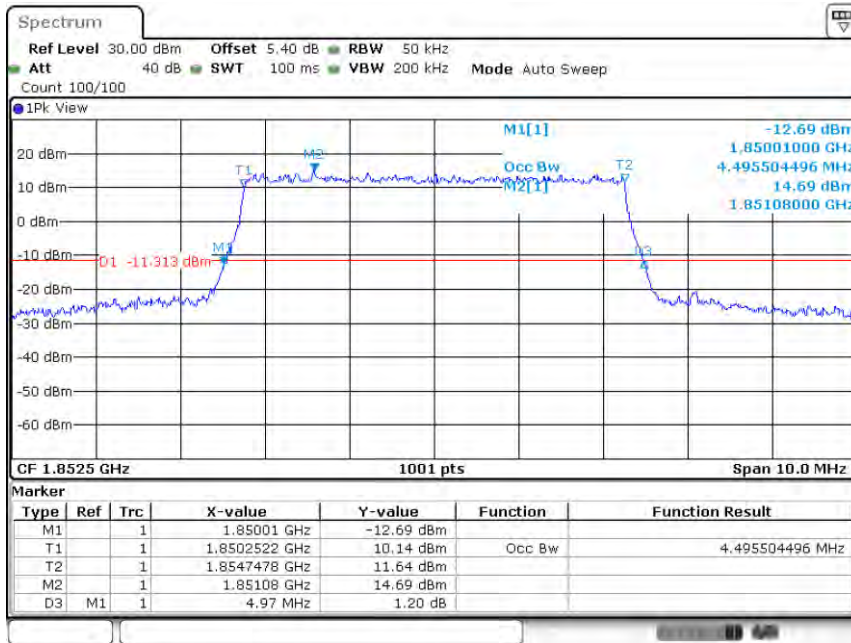


Date: 28.JAN.2021 22:05:09



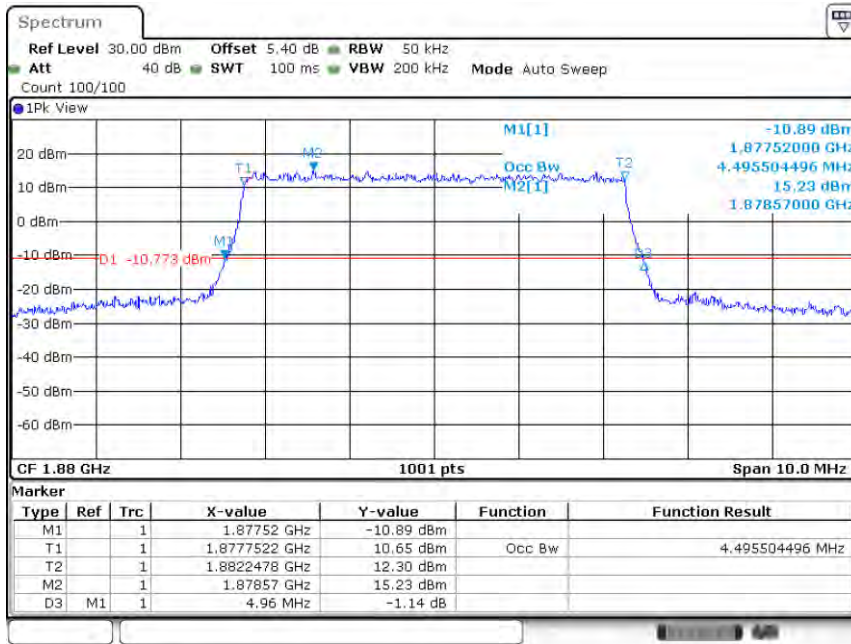
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Band2-5MHz-16QAM-18625-25RB#0-4.496



Date: 28.JAN.2021 22:04:08

Band2-5MHz-16QAM-18900-25RB#0-4.496

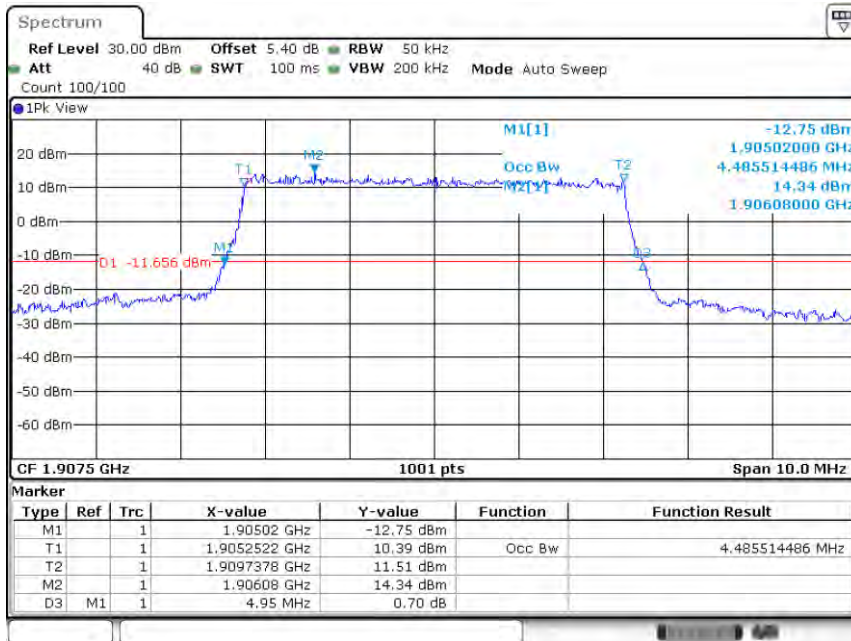


Date: 28.JAN.2021 22:04:48



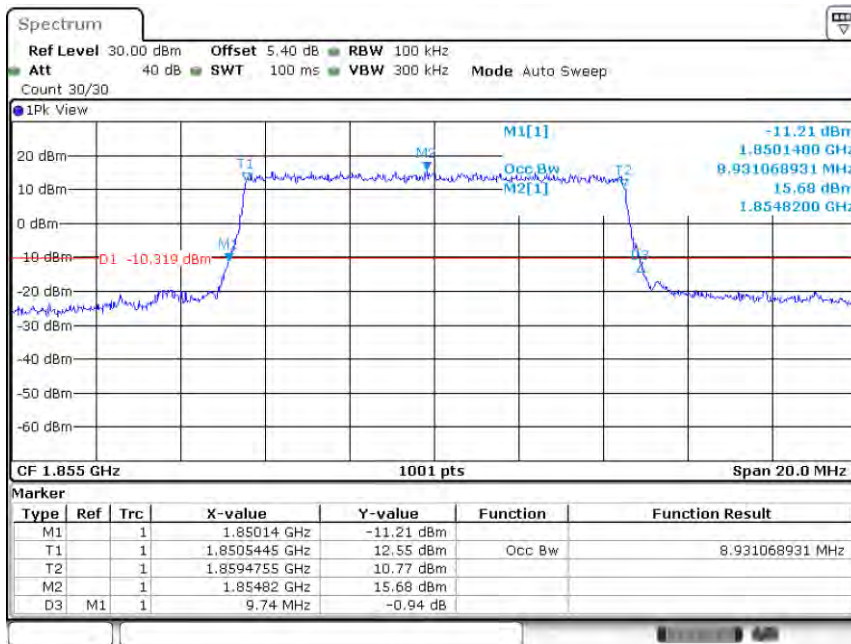
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Band2-5MHz-16QAM-19175-25RB#0-4.486



Date: 28.JAN.2021 22:05:29

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

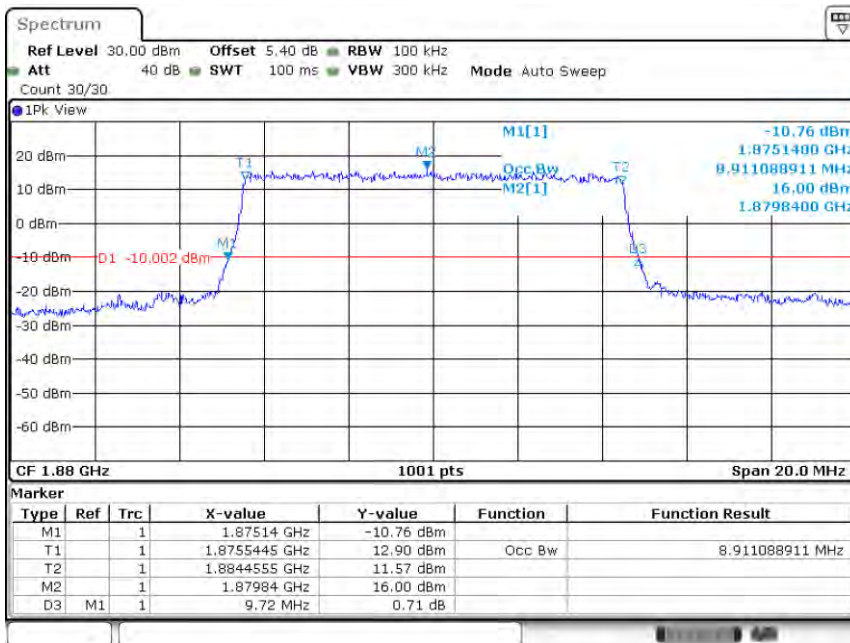


Date: 28.JAN.2021 22:05:46



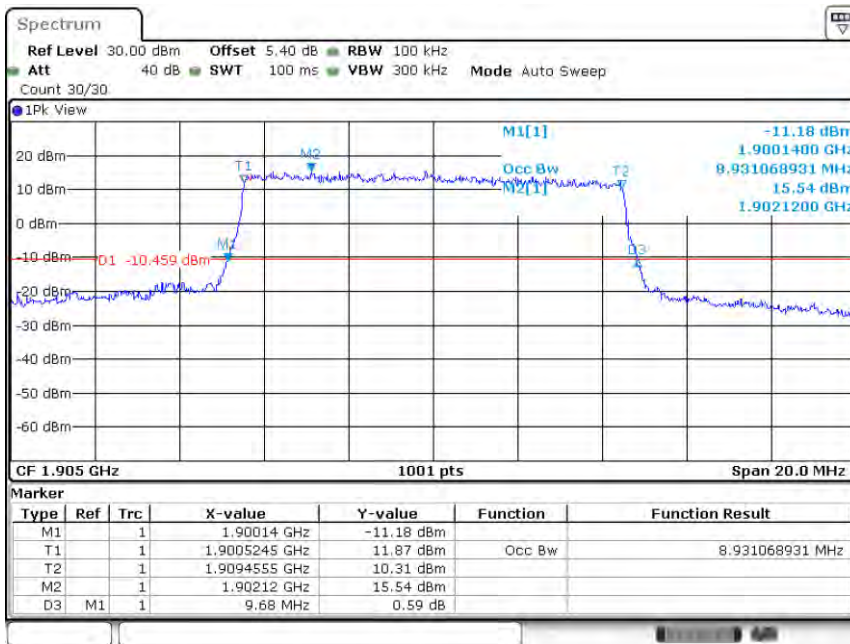
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Band2-10MHz-QPSK-18900-50RB#0-8.911



Date: 28.JAN.2021 22:06:14

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

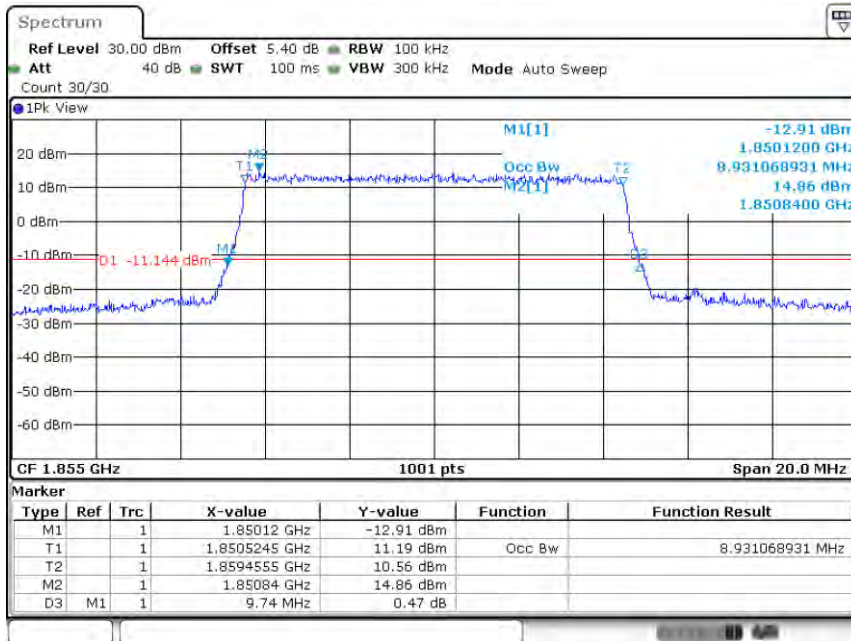


Date: 28.JAN.2021 22:06:40

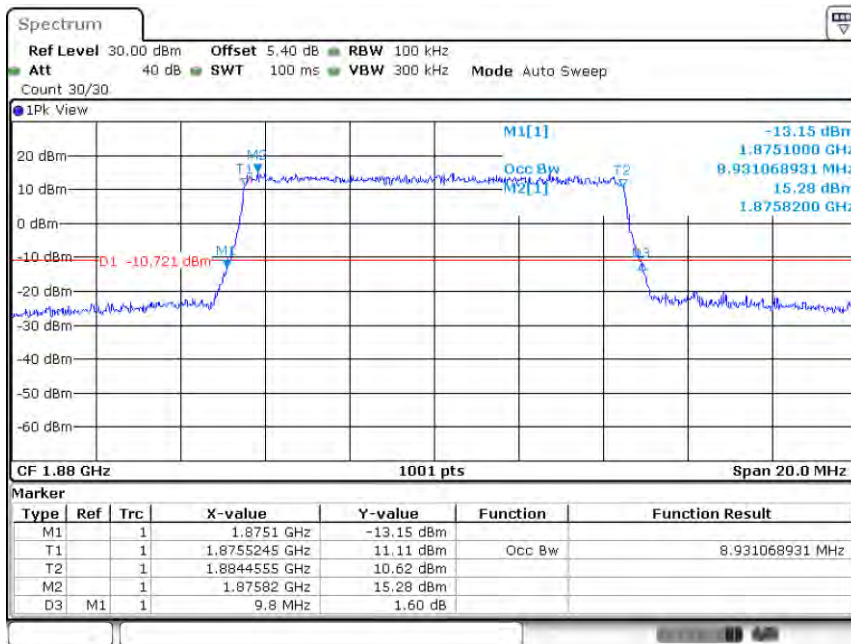


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Band2-10MHz-16QAM-18650-50RB#0-8.931

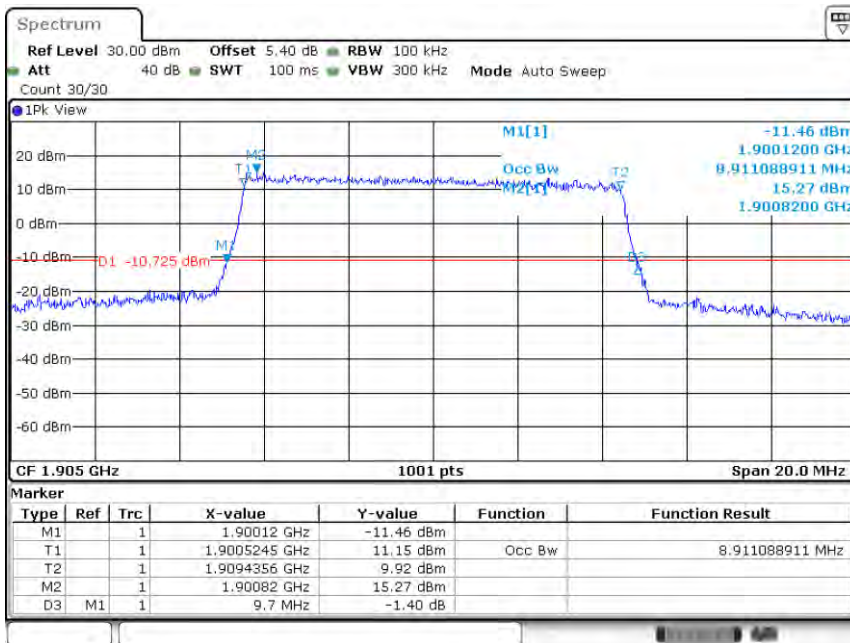


Band2-10MHz-16QAM-18900-50RB#0-8.931



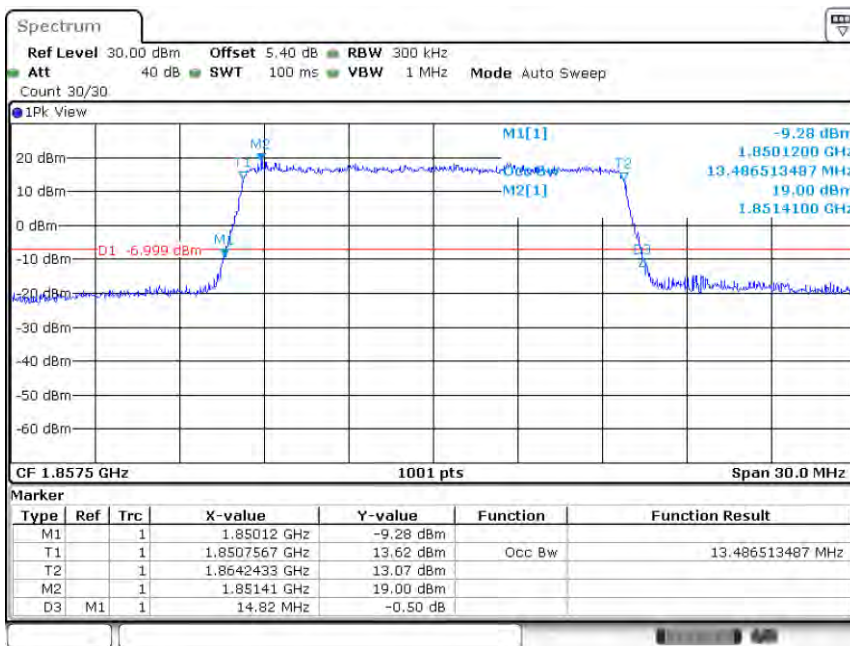
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Band2-10MHz-16QAM-19150-50RB#0-8.911



Date: 28.JAN.2021 22:06:52

Band2-15MHz-QPSK-18675-75RB#0-13.487



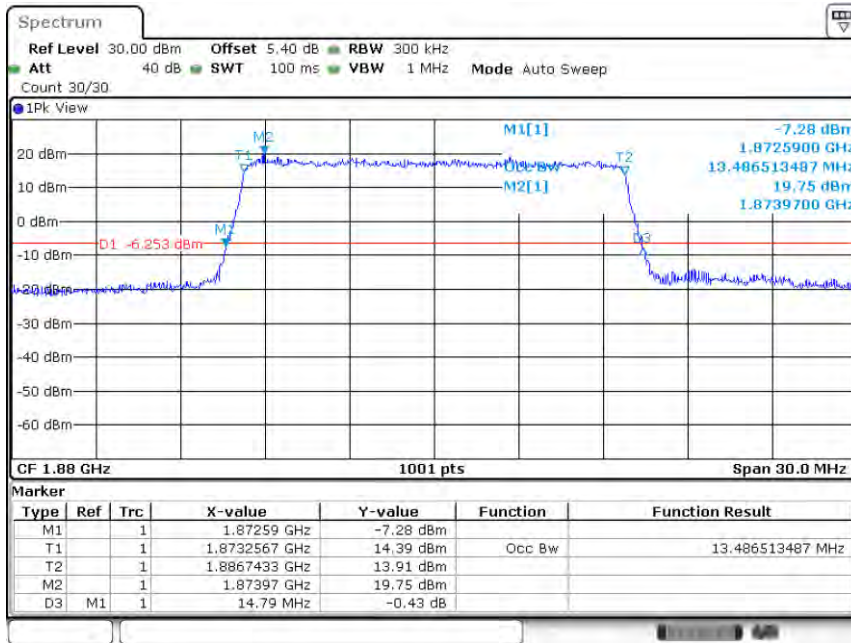
Date: 28.JAN.2021 22:07:12



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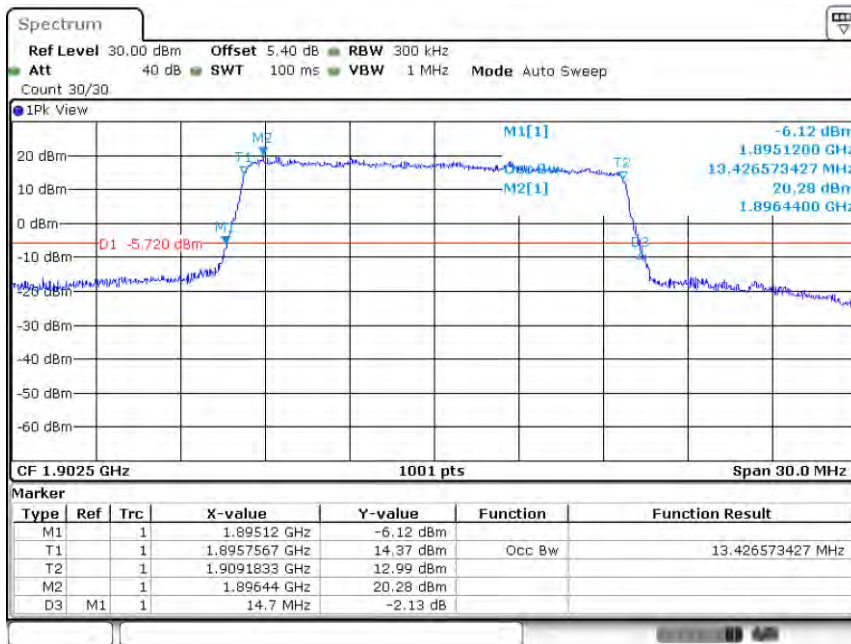


Band2-15MHz-QPSK-18900-75RB#0-13.487



Date: 28.JAN.2021 22:07:37

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



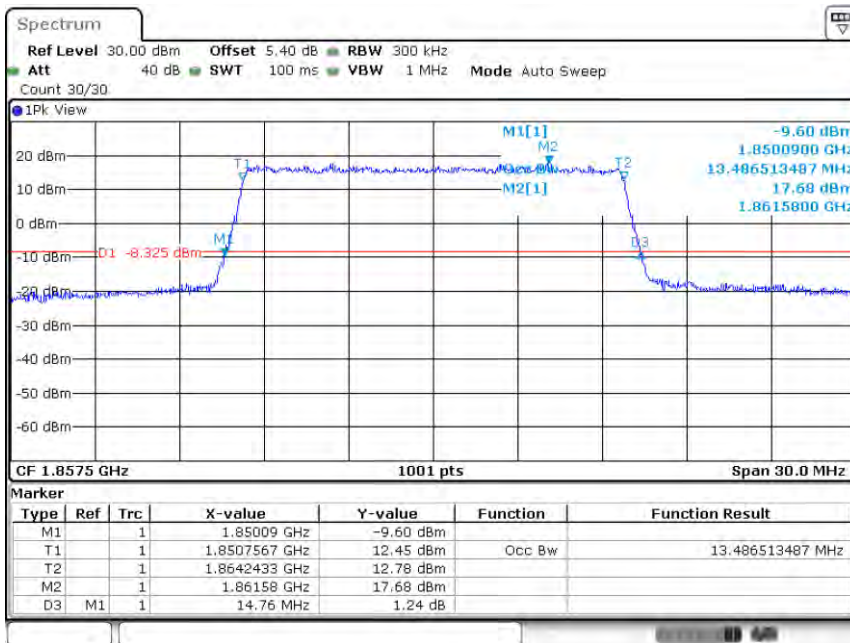
Date: 28.JAN.2021 22:08:03



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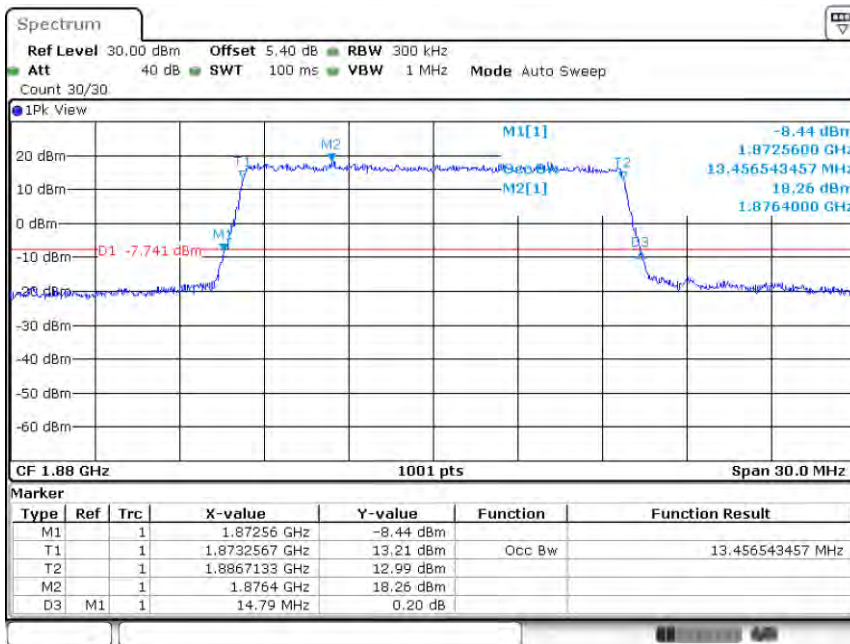


Band2-15MHz-16QAM-18675-75RB#0-13.487



Date: 28.JAN.2021 22:07:24

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

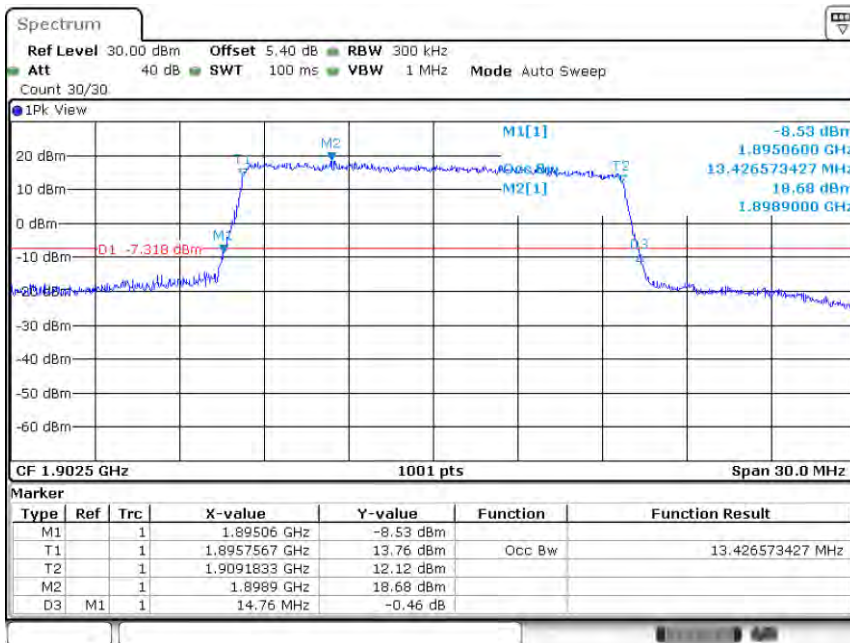


Date: 28.JAN.2021 22:07:50



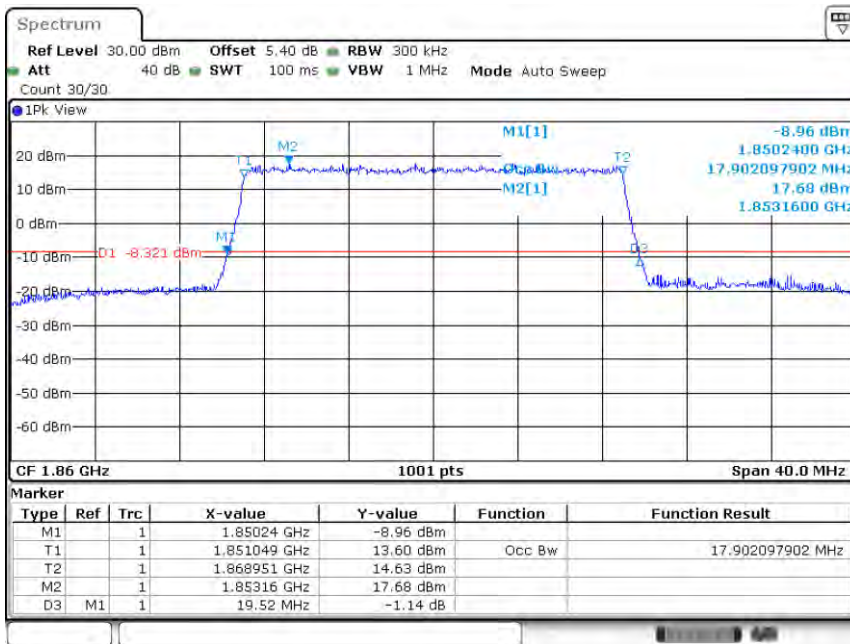
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Band2-15MHz-16QAM-19125-75RB#0-13.427



Date: 28.JAN.2021 22:08:16

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



Date: 28.JAN.2021 22:08:34

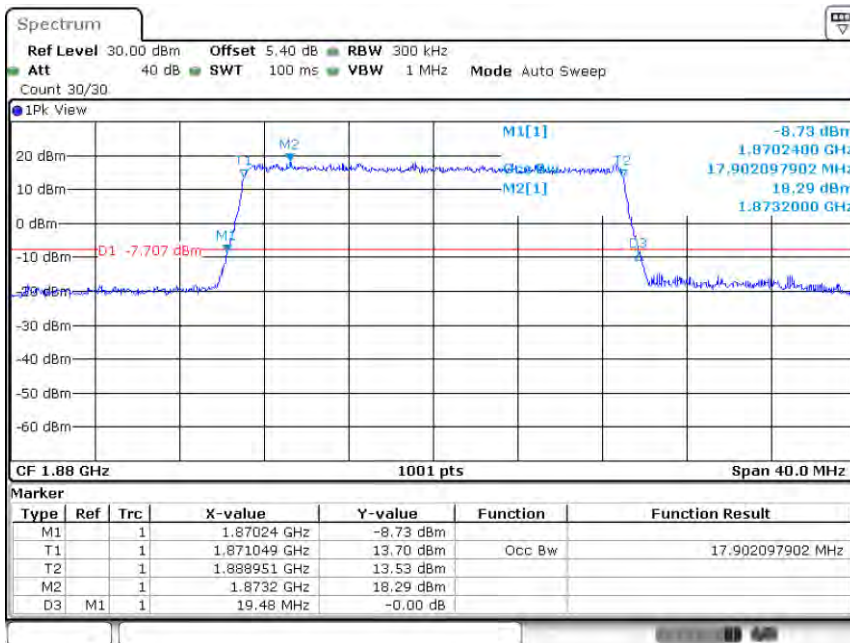


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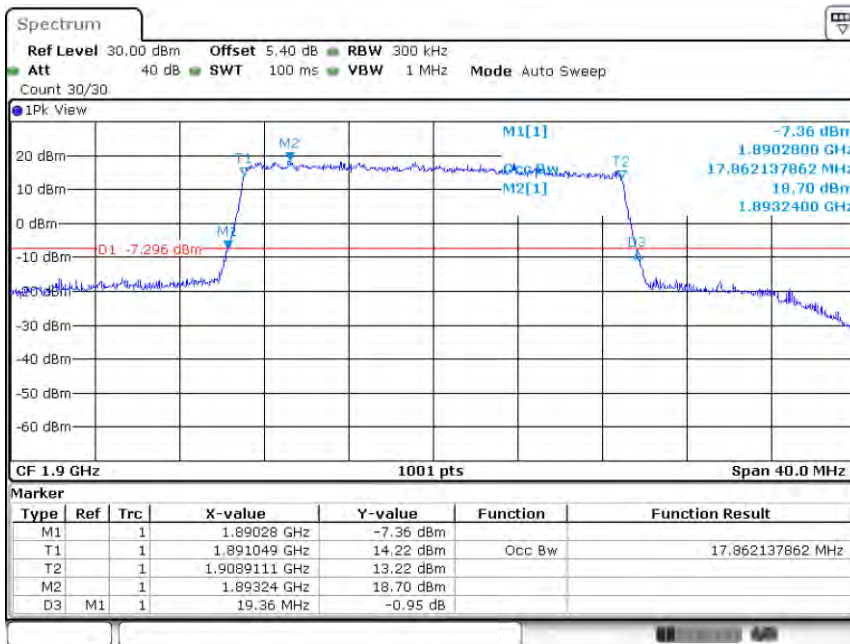
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 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band2-20MHz-QPSK-18900-100RB#0-17.902



Date: 28.JAN.2021 22:08:59

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



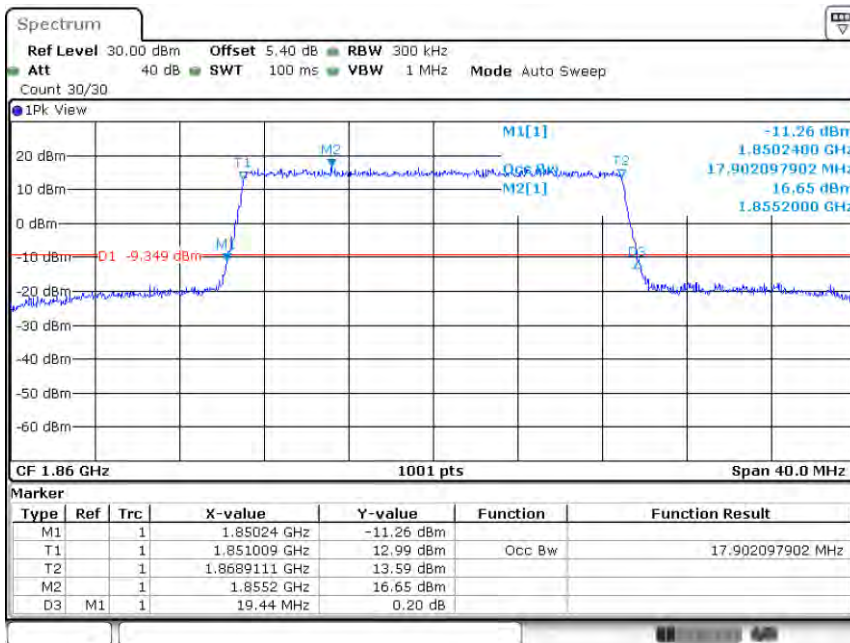
Date: 28.JAN.2021 22:09:25



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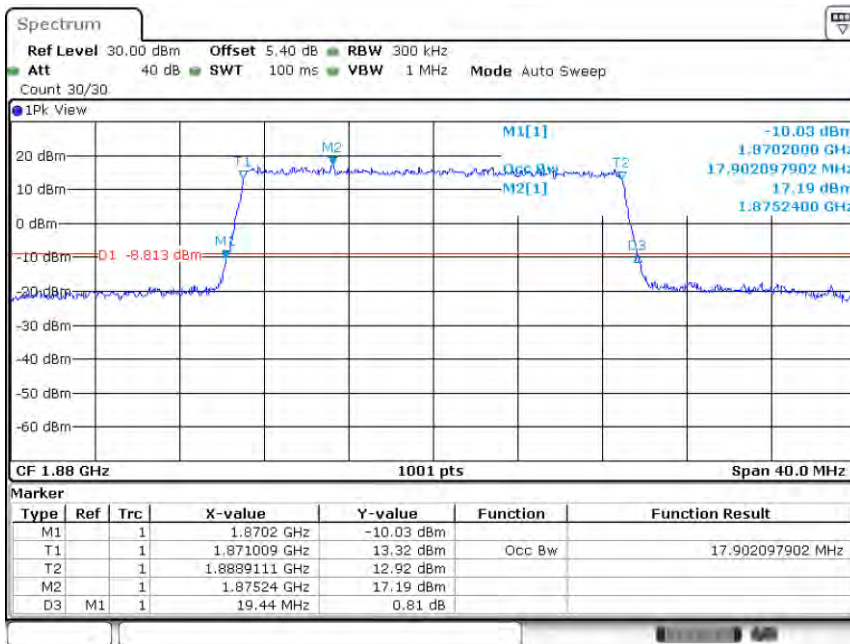


Band2-20MHz-16QAM-18700-100RB#0-17.902



Date: 28.JAN.2021 22:08:46

Band2-20MHz-16QAM-18900-100RB#0-17.902

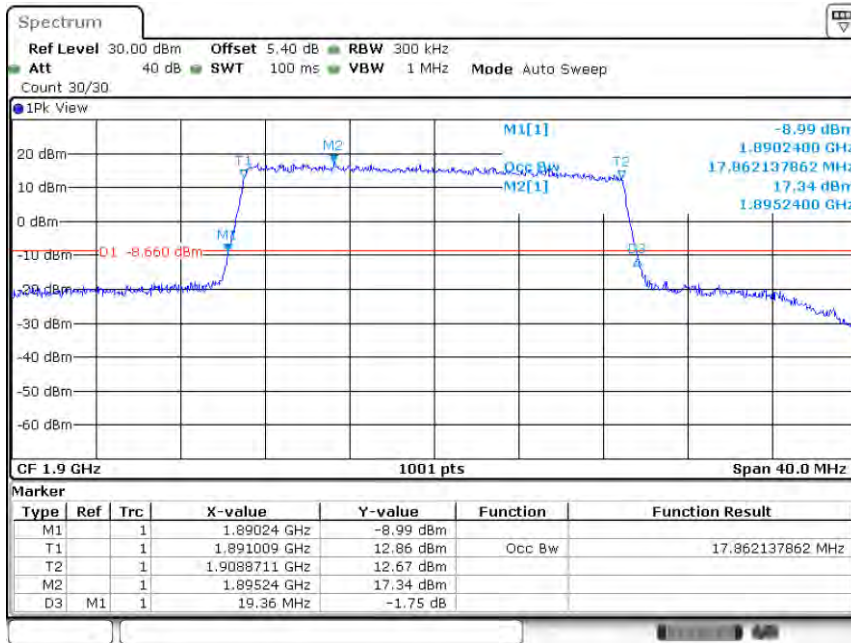


Date: 28.JAN.2021 22:09:12



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Band2-20MHz-16QAM-19100-100RB#0-17.862



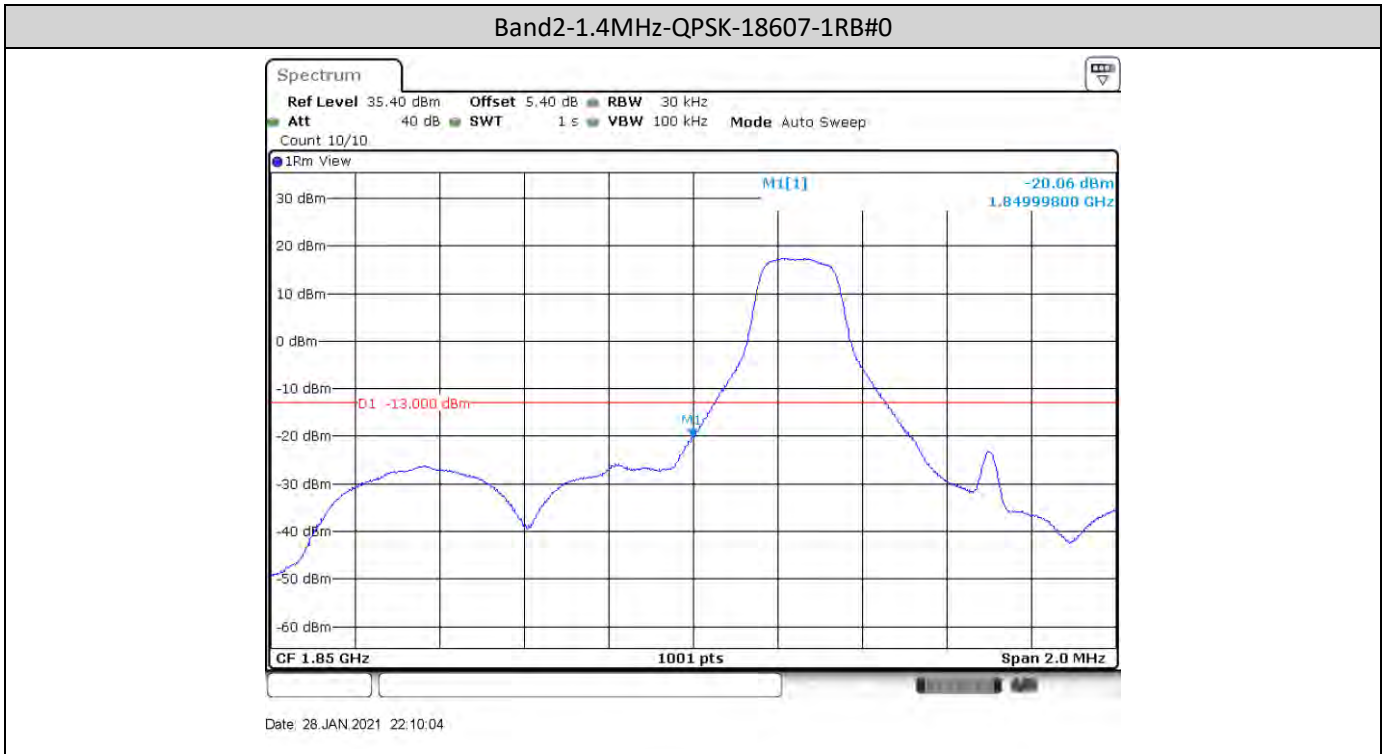
Date 28.JAN.2021 22:09:38



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5. Band Edge Compliance

5.1. Test Plots



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



Date: 28 JAN 2021 22:12:58

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



Date: 28 JAN 2021 22:11:31



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



Date: 28 JAN 2021 22:13:39

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

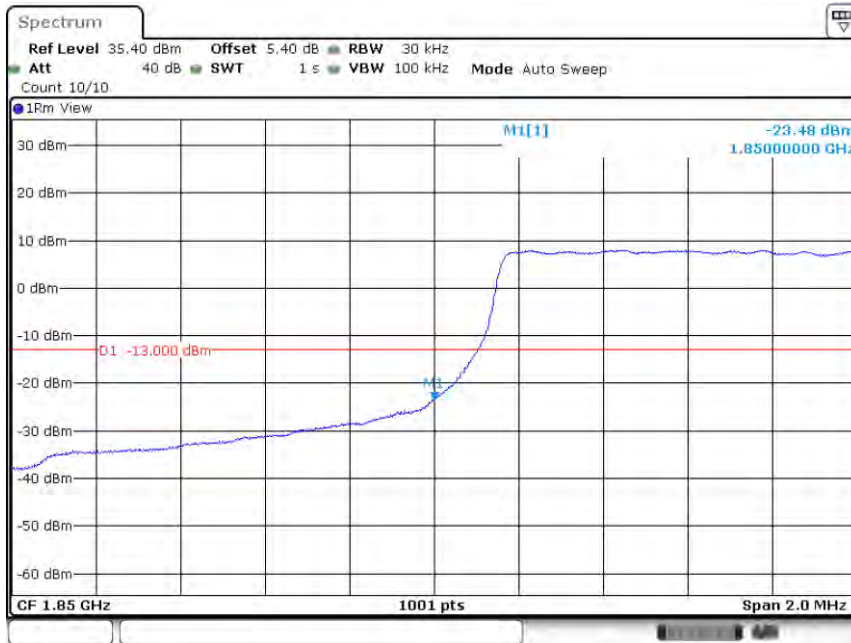


Date: 28 JAN 2021 22:10:24



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



Date: 28 JAN 2021 22:13:18

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



Date: 28 JAN 2021 22:11:51

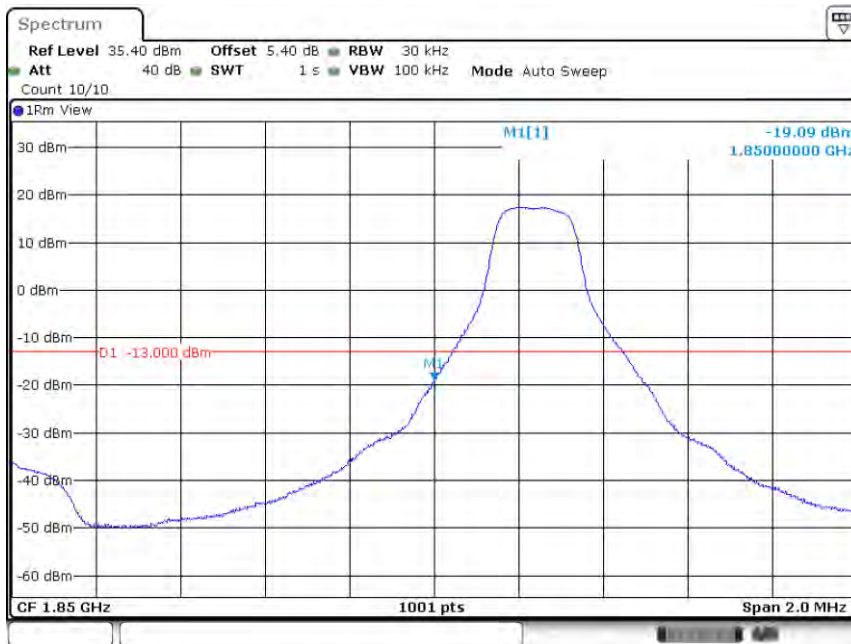


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Band2-1.4MHz-16QAM-19193-6RB#0



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



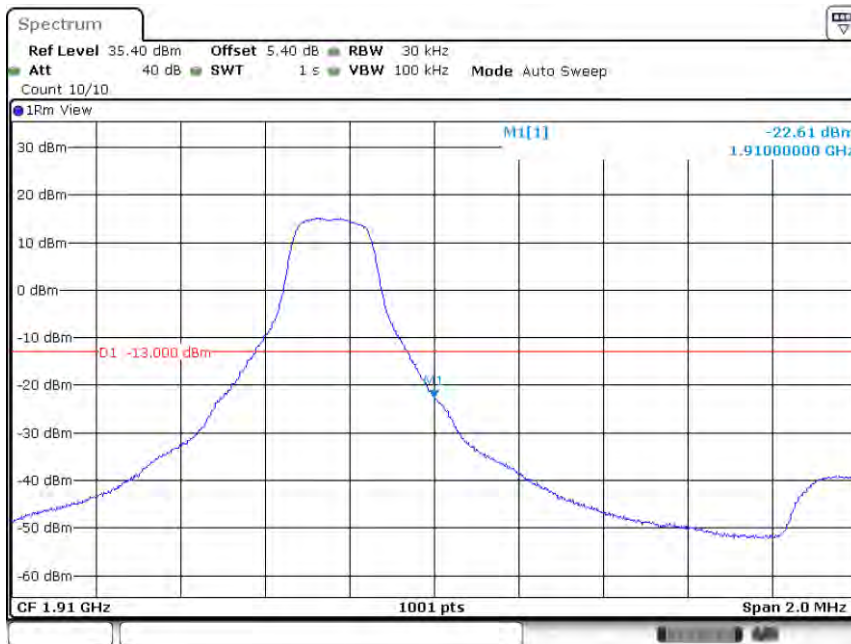
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Band2-3MHz-QPSK-18615-15RB#0



Date: 28 JAN 2021 22:17:19

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



Date: 28 JAN 2021 22:15:52



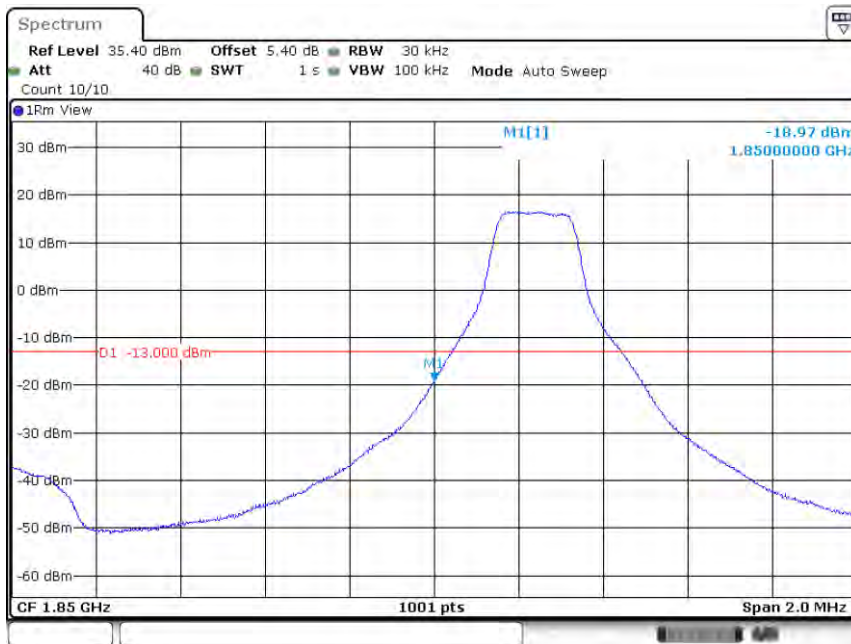
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Band2-3MHz-QPSK-19185-15RB#0



Date: 28 JAN 2021 22:18:01

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



Date: 28 JAN 2021 22:14:46



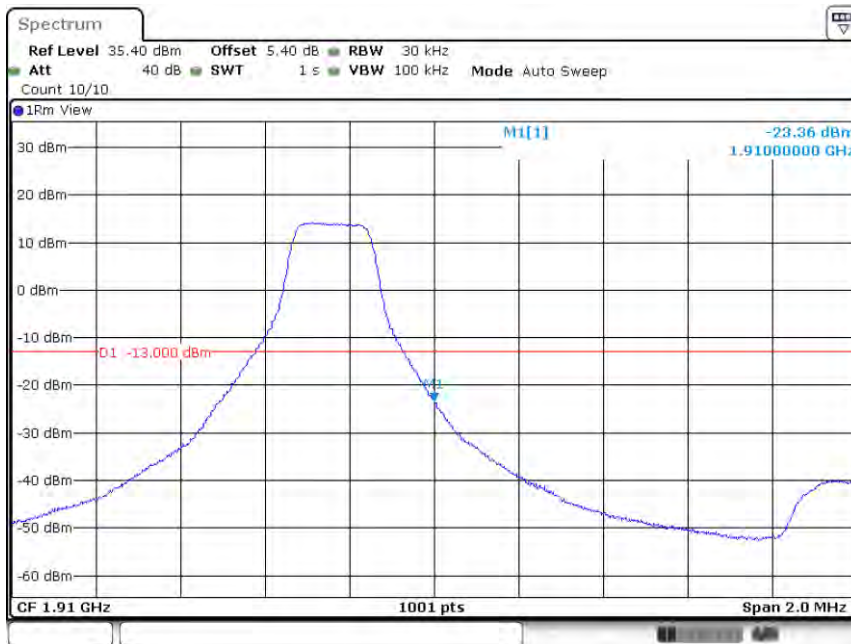
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Band2-3MHz-16QAM-18615-15RB#0



Date: 28 JAN 2021 22:17:39

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



Date: 28 JAN 2021 22:16:13



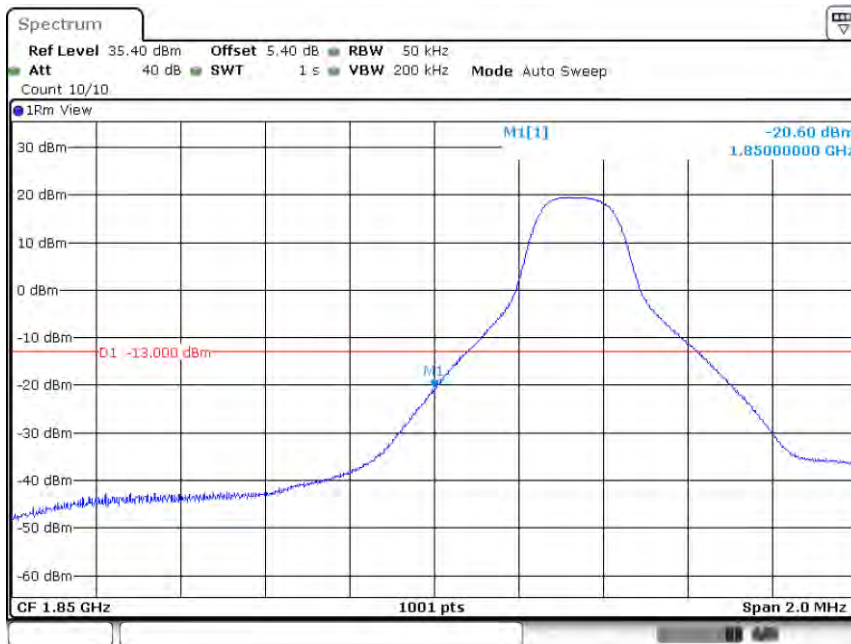
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Band2-3MHz-16QAM-19185-15RB#0



Date: 28 JAN 2021 22:18:21

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



Date: 28 JAN 2021 22:18:47



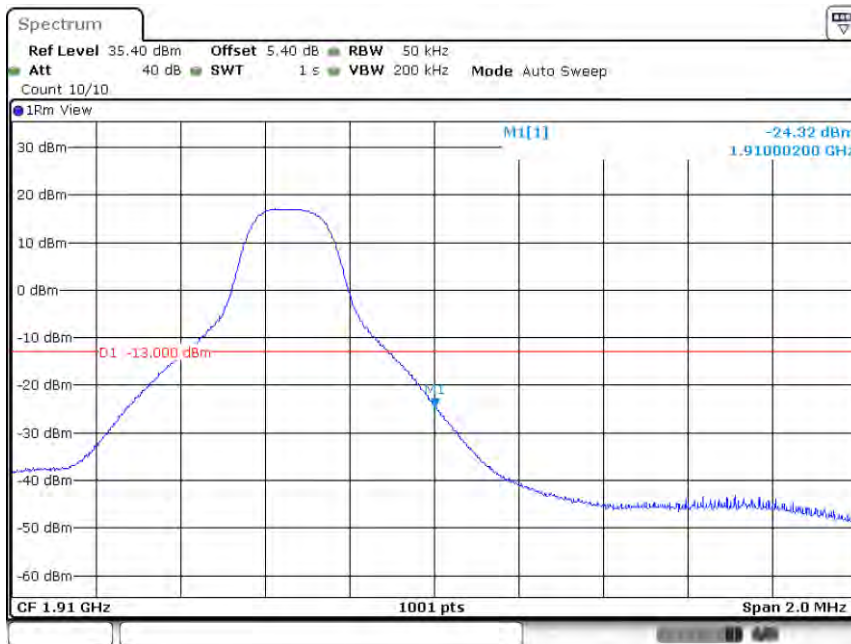
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Band2-5MHz-QPSK-18625-25RB#0



Date: 28 JAN 2021 22:21:41

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



Date: 28 JAN 2021 22:20:15



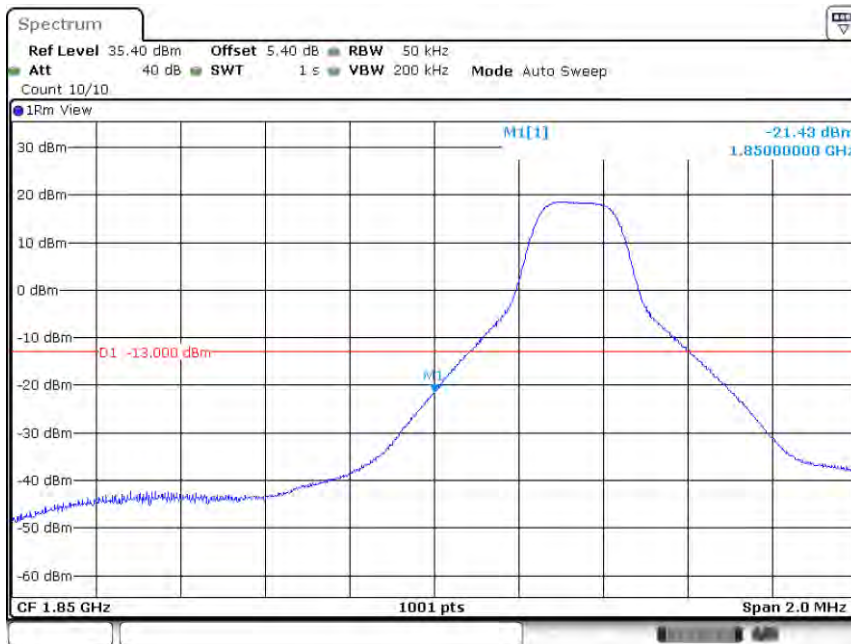
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Band2-5MHz-QPSK-19175-25RB#0



Date: 28 JAN 2021 22:22:23

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



Date: 28 JAN 2021 22:19:07



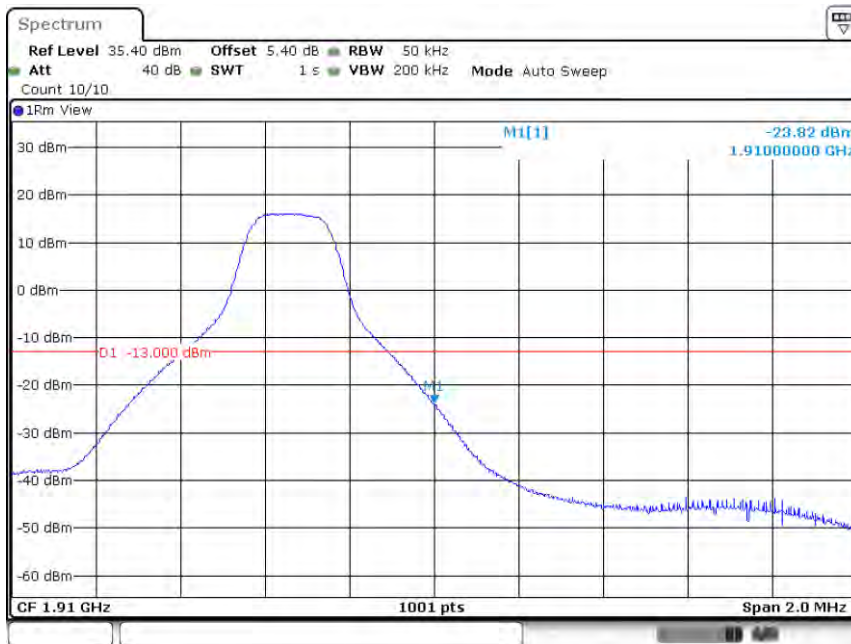
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Band2-5MHz-16QAM-18625-25RB#0



Date: 28 JAN 2021 22:22:02

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



Date: 28 JAN 2021 22:20:35



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



Date: 28 JAN 2021 22:22:43

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



Date: 28 JAN 2021 22:23:09



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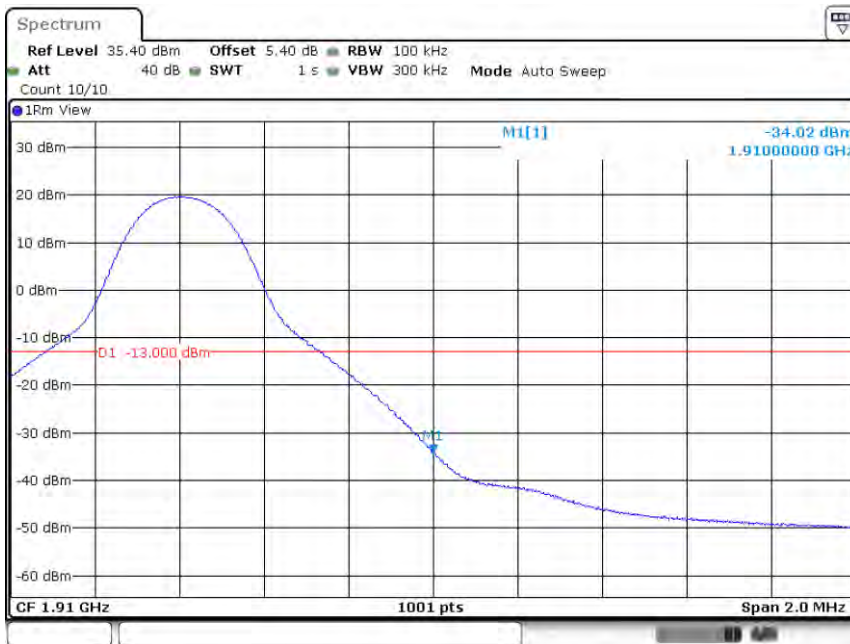


Band2-10MHz-QPSK-18650-50RB#0



Date: 28 JAN 2021 22:26:03

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

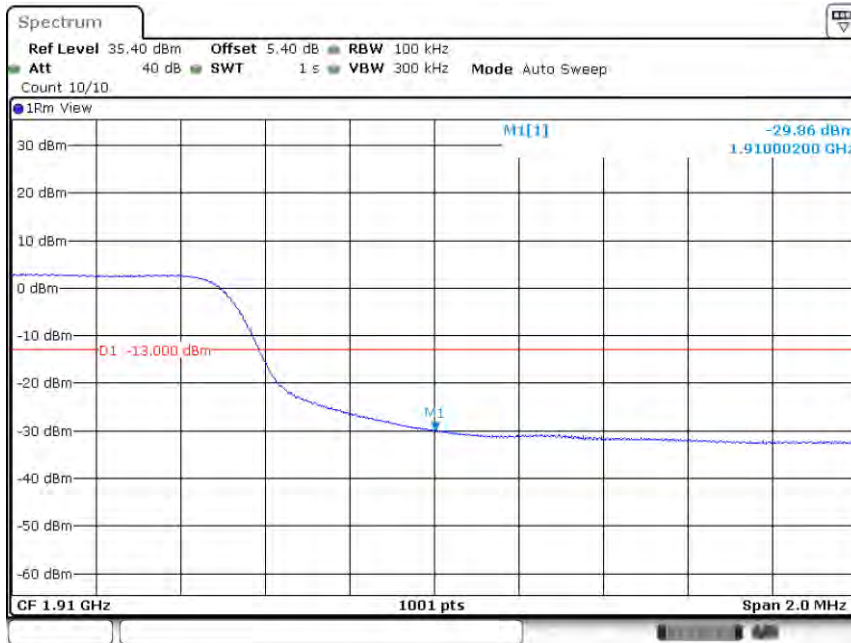


Date: 28 JAN 2021 22:24:37



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



Date: 28 JAN 2021 22:26:45

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



Date: 28 JAN 2021 22:23:29



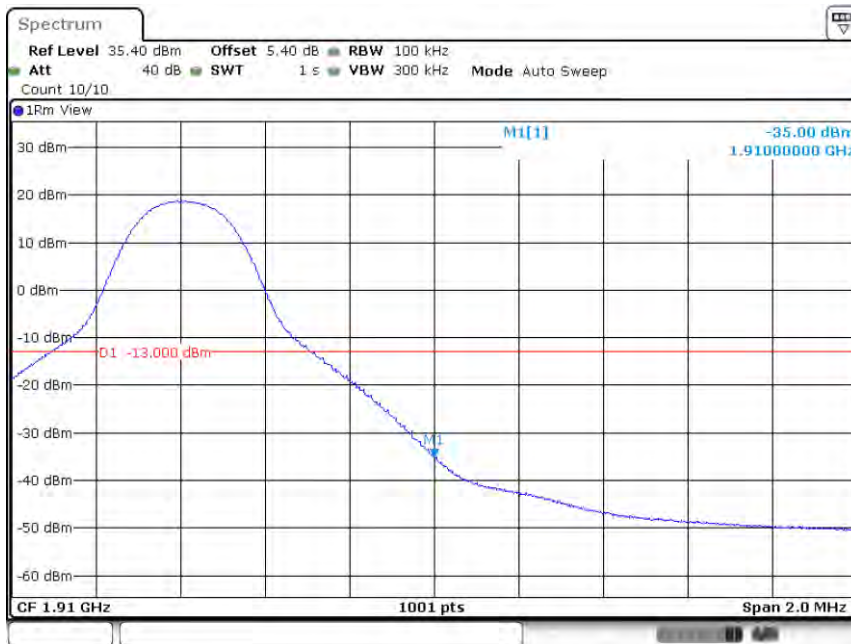
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Band2-10MHz-16QAM-18650-50RB#0



Date: 28 JAN 2021 22:26:24

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



Date: 28 JAN 2021 22:24:57



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



Date: 28 JAN 2021 22:27:05

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



Date: 28 JAN 2021 22:27:32



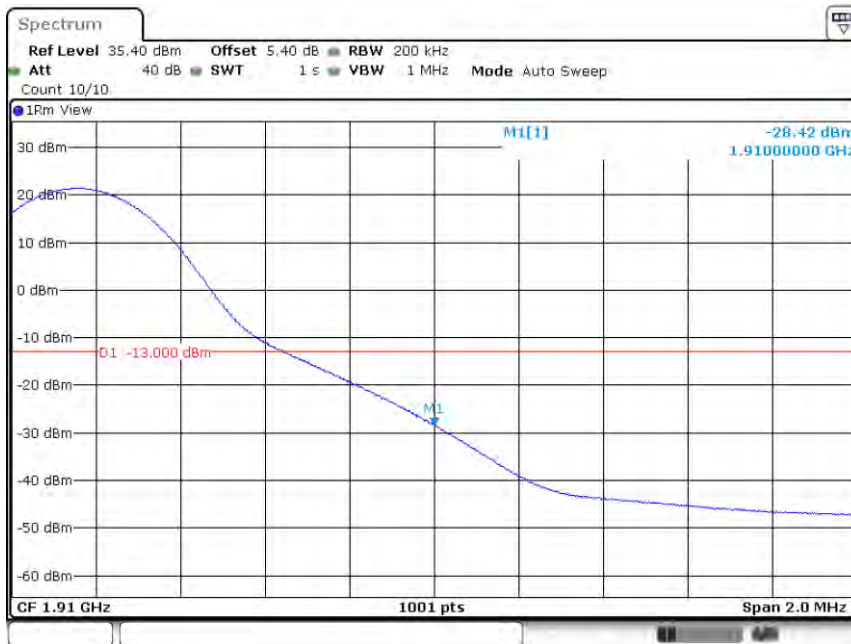
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Band2-15MHz-QPSK-18675-75RB#0



Date: 28 JAN 2021 22:30:25

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



Date: 28 JAN 2021 22:28:59



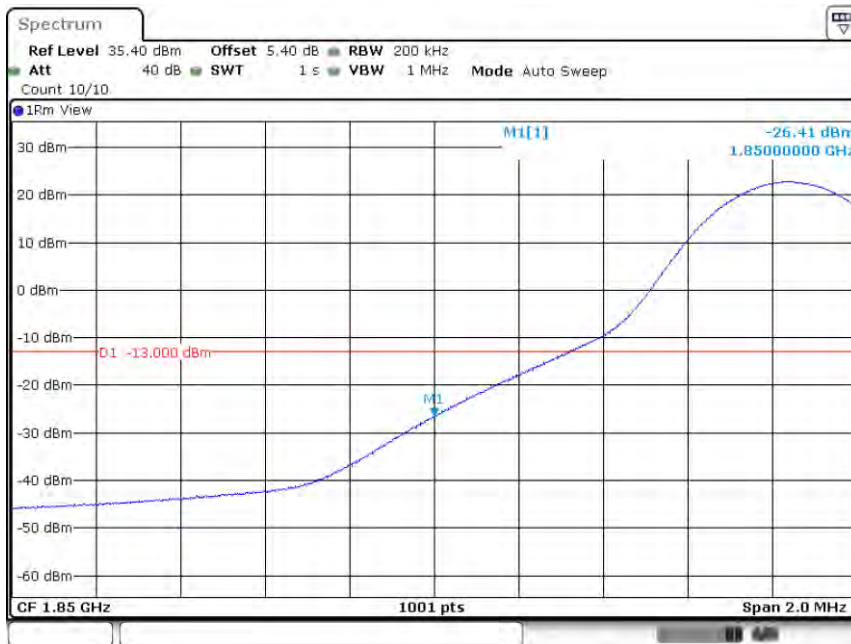
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Band2-15MHz-QPSK-19125-75RB#0



Date: 28 JAN 2021 22:31:07

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



Date: 28 JAN 2021 22:27:53



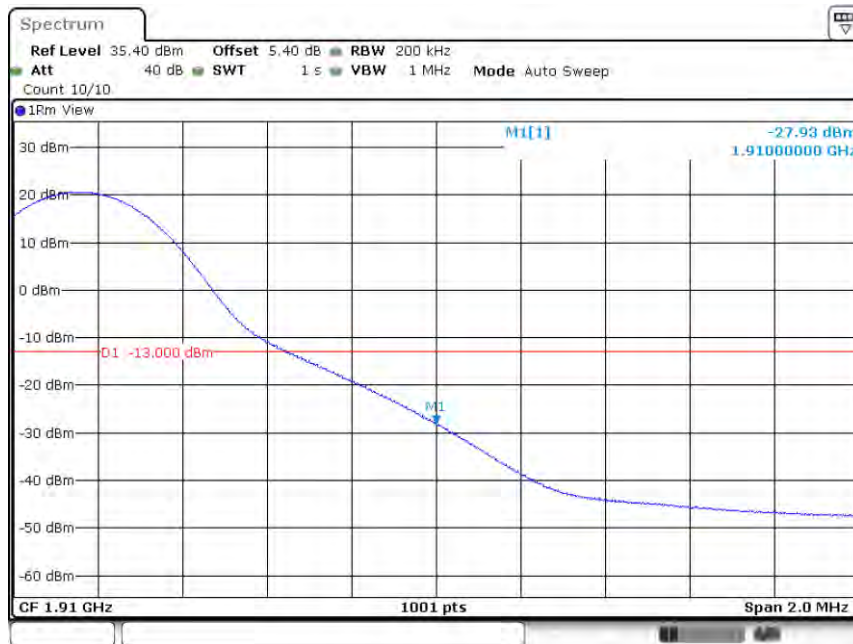
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Band2-15MHz-16QAM-18675-75RB#0



Date: 28 JAN 2021 22:30:46

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



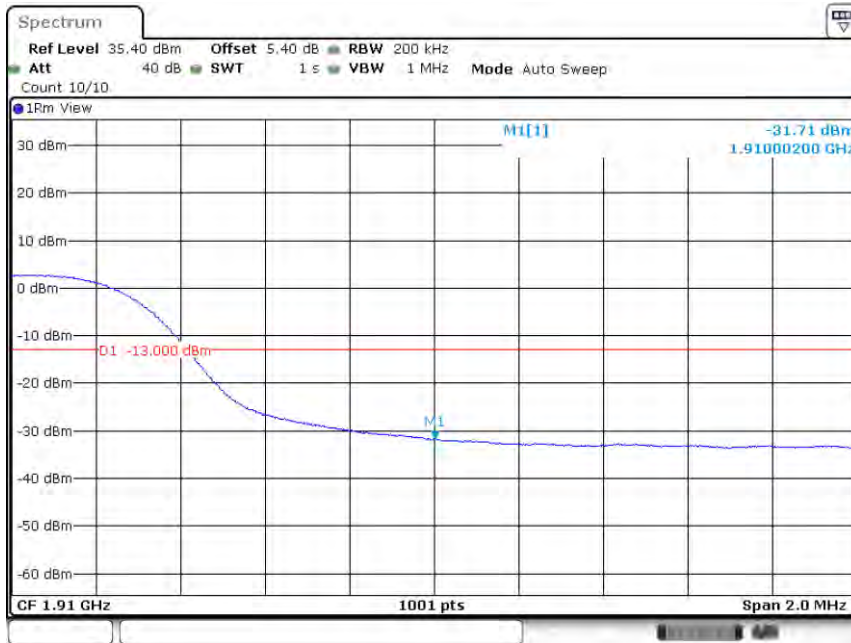
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Band2-15MHz-16QAM-19125-75RB#0



Date: 28 JAN 2021 22:31:27

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



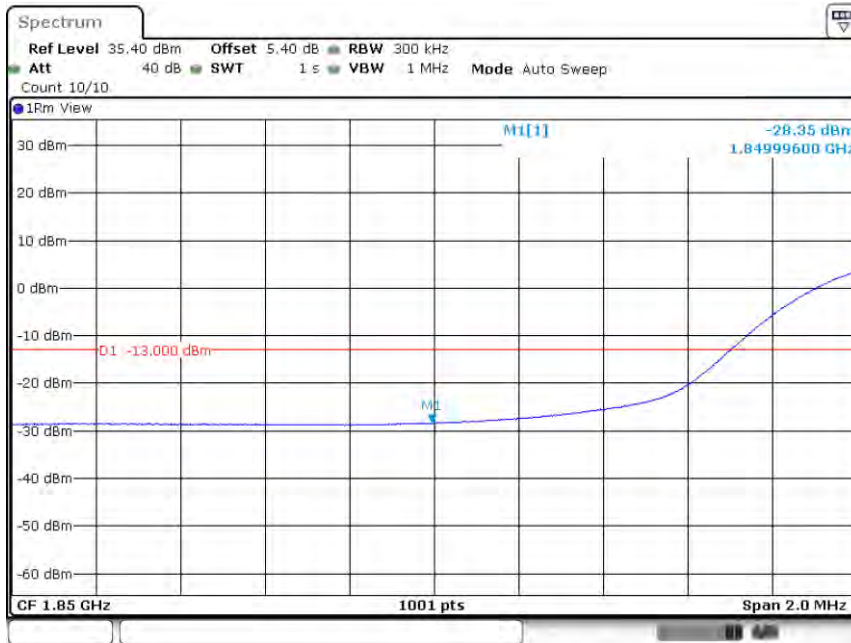
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Band2-20MHz-QPSK-18700-100RB#0



Date: 28 JAN 2021 22:34:49

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



Date: 28 JAN 2021 22:33:22



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



Date: 28 JAN 2021 22:35:30

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



Date: 28 JAN 2021 22:32:16



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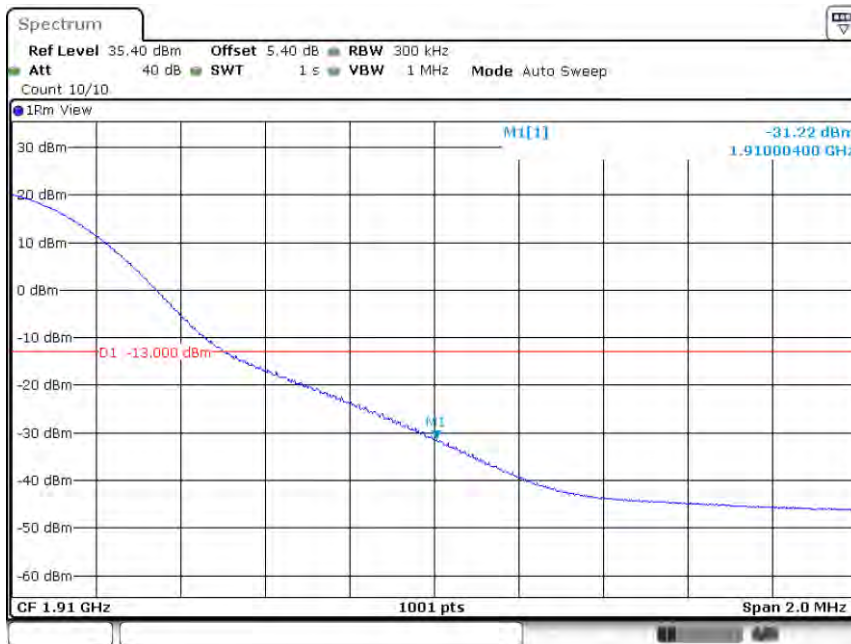


Band2-20MHz-16QAM-18700-100RB#0



Date: 28 JAN 2021 22:35:10

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

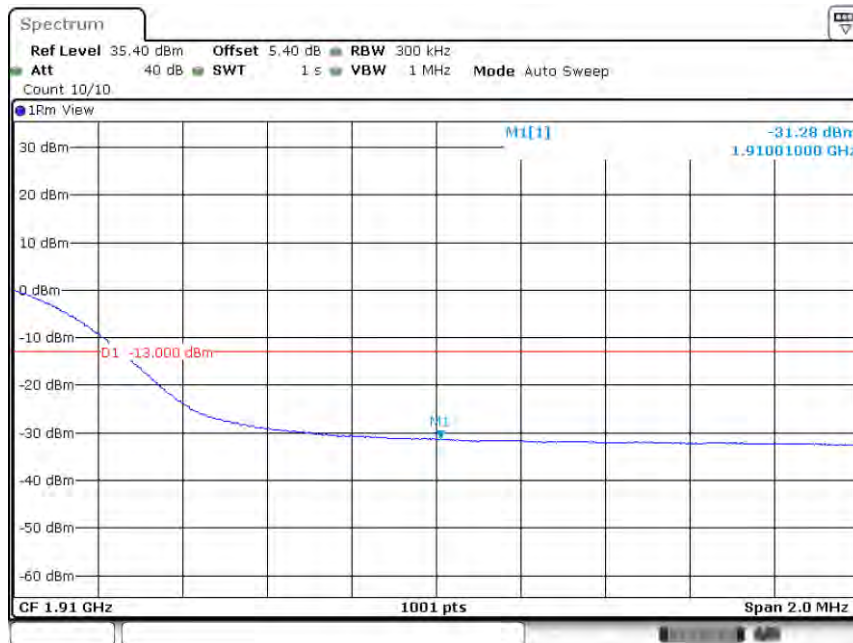


Date: 28 JAN 2021 22:33:43



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



Date 28 JAN 2021 22:35:51



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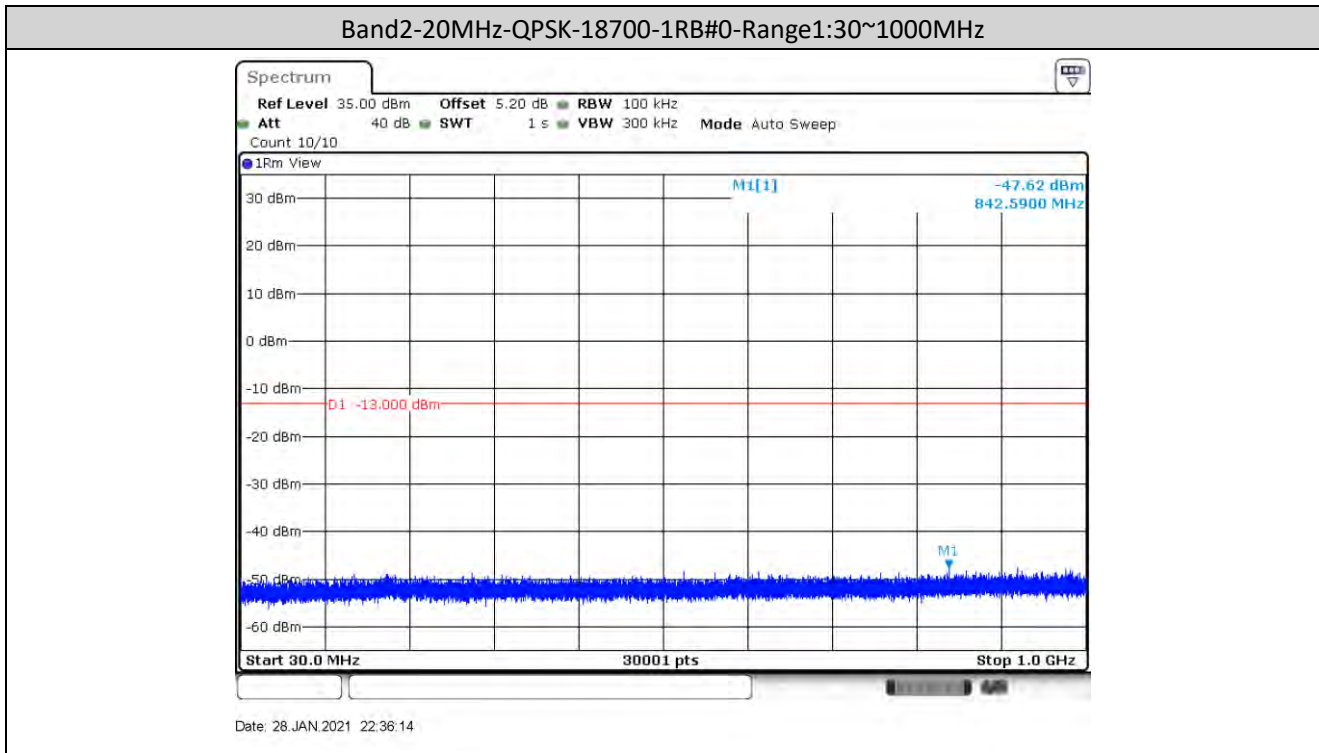
6. Spurious Emission at Antenna Terminal

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

Remark2: 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.

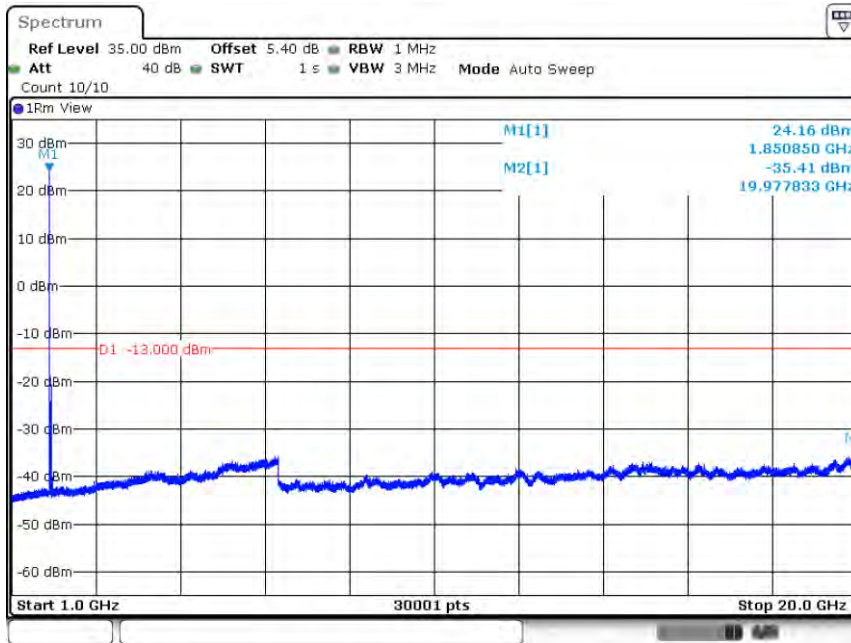
Remark3: The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data had been displayed.

6.1. Test Plots



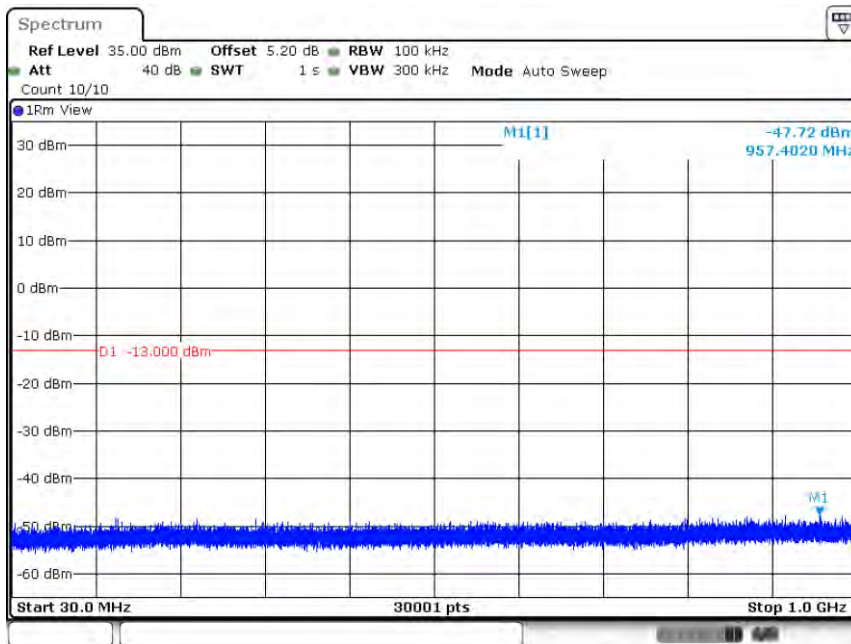
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Band2-20MHz-QPSK-18700-1RB#0-Range2:1000~20000MHz



Date: 28 JAN 2021 22:36:30

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

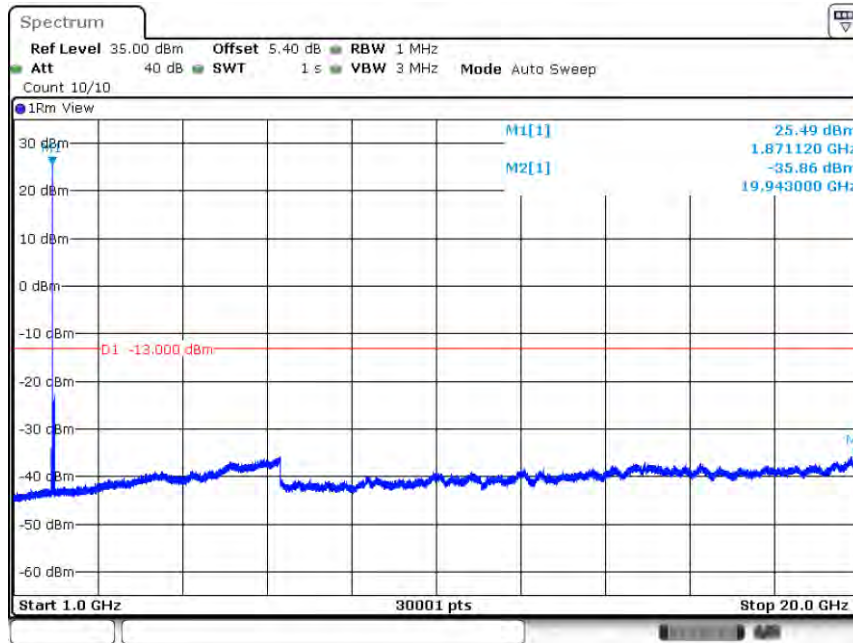


Date: 28 JAN 2021 22:37:25



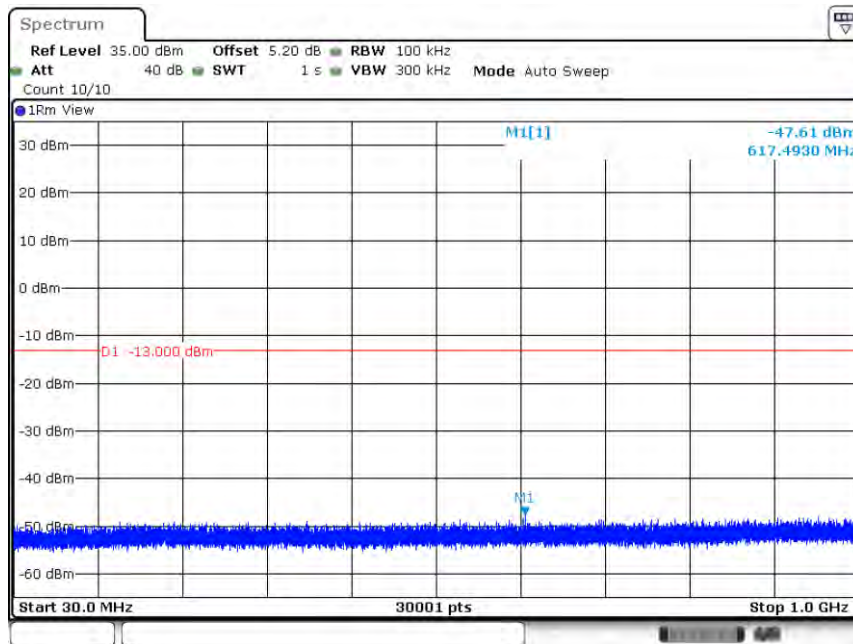
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Band2-20MHz-QPSK-18900-1RB#0-Range2:1000~20000MHz



Date: 28.JAN.2021 22:37:41

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



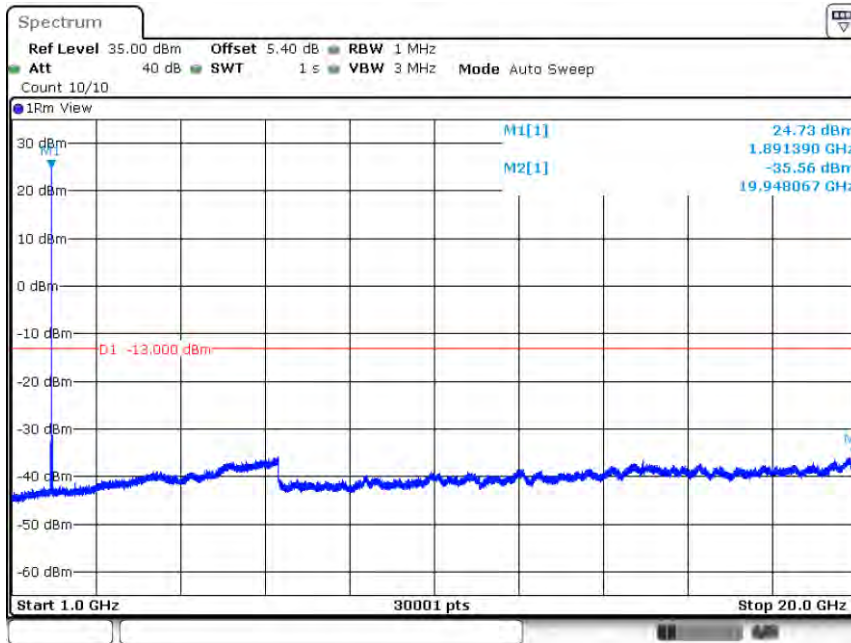
Date: 28.JAN.2021 22:38:35



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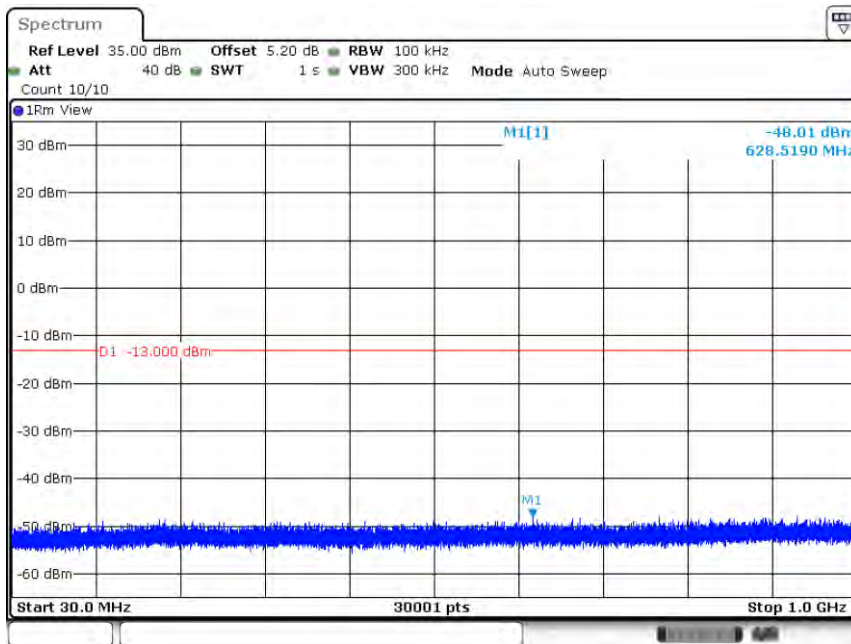
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Band2-20MHz-QPSK-19100-1RB#0-Range2:1000~20000MHz



Date: 28 JAN 2021 22:38:51

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



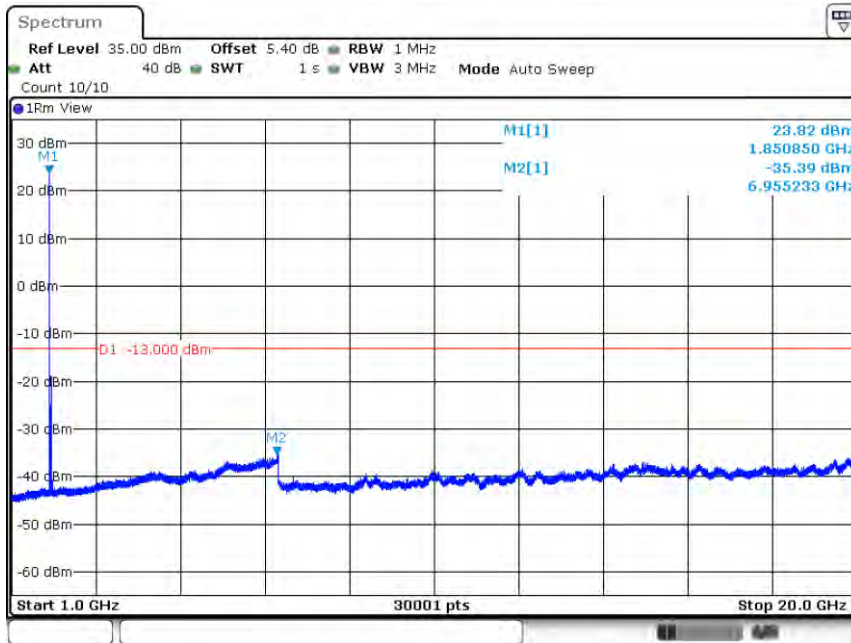
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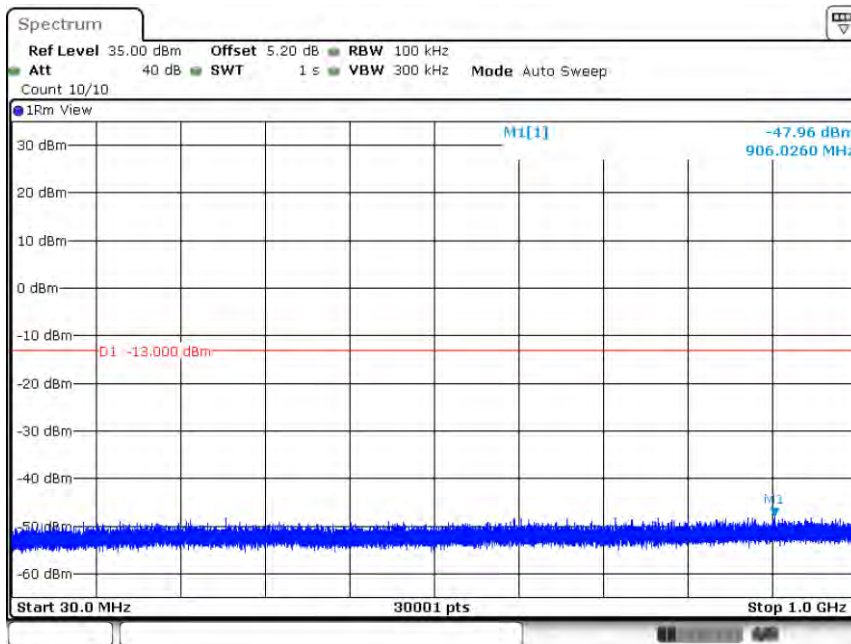
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Band2-20MHz-16QAM-18700-1RB#0-Range2:1000~20000MHz



Date: 28.JAN.2021 22:37:05

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



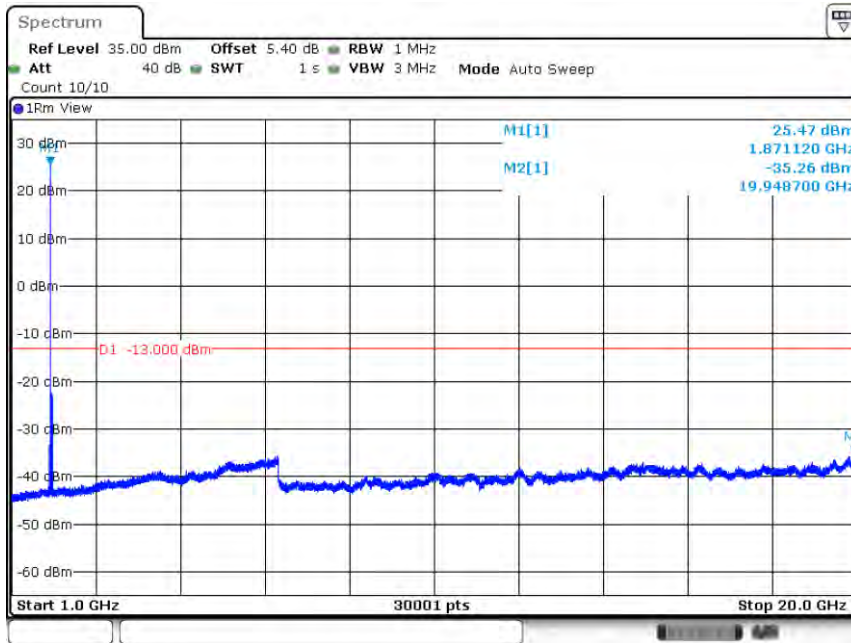
Date: 28.JAN.2021 22:38:00



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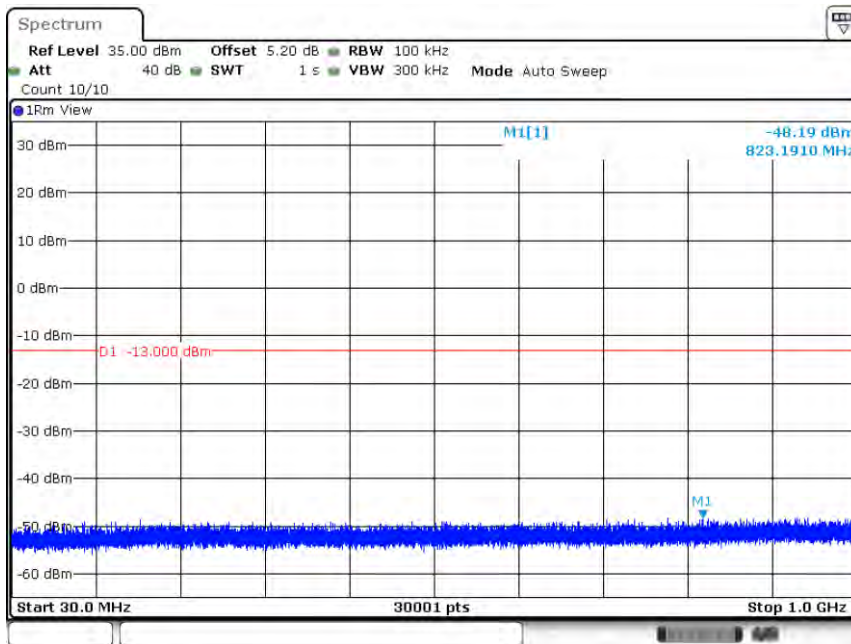
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Band2-20MHz-16QAM-18900-1RB#0-Range2:1000~20000MHz



Date: 28.JAN.2021 22:38:16

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

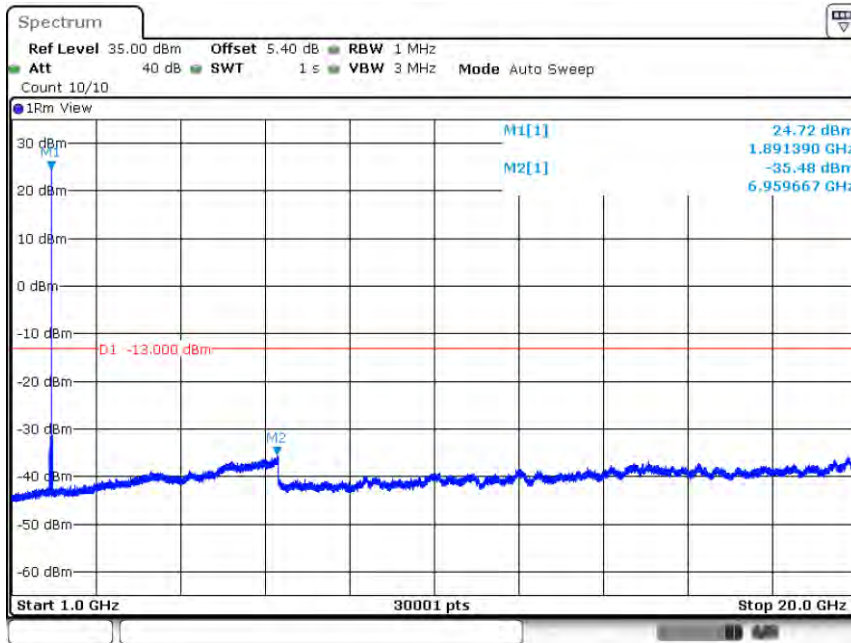


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Band2-20MHz-16QAM-19100-1RB#0-Range2:1000~20000MHz



Date: 28. JAN 2021 22:39:26



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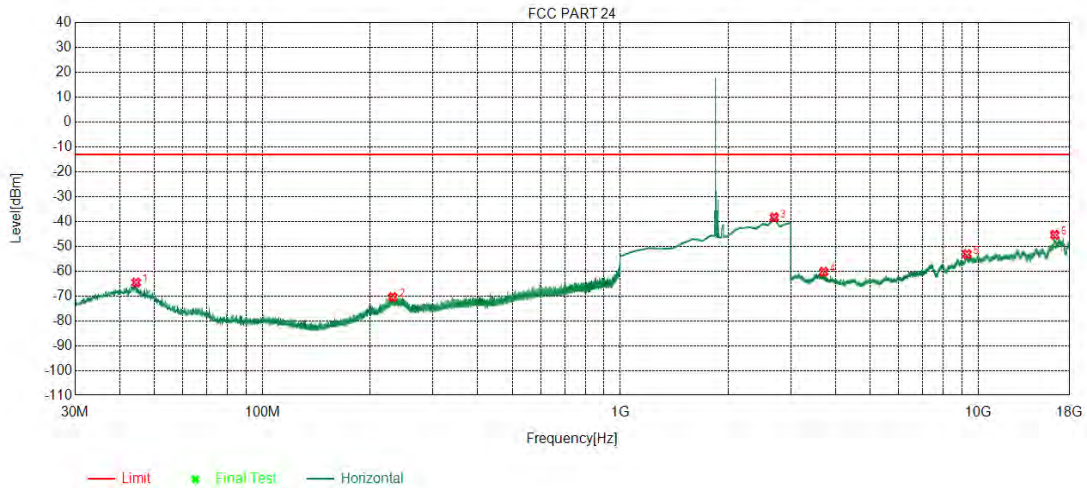
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7. Field Strength of Spurious Radiation

7.1. Test Band = LTE_2_TM1 DOWN ANT

7.1.1. Test Channel = Low Channel

Test Graph



Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.4537	-71.60	-64.61	-13.00	51.61	Horizontal
2	231.5276	-73.29	-70.47	-13.00	57.47	Horizontal
3	2693.9388	-71.12	-38.36	-13.00	25.36	Horizontal
4	3702.0234	-51.75	-60.31	-13.00	47.31	Horizontal
5	9308.7103	-58.99	-53.13	-13.00	40.13	Horizontal
6	16372.945	-59.36	-45.40	-13.00	32.40	Horizontal

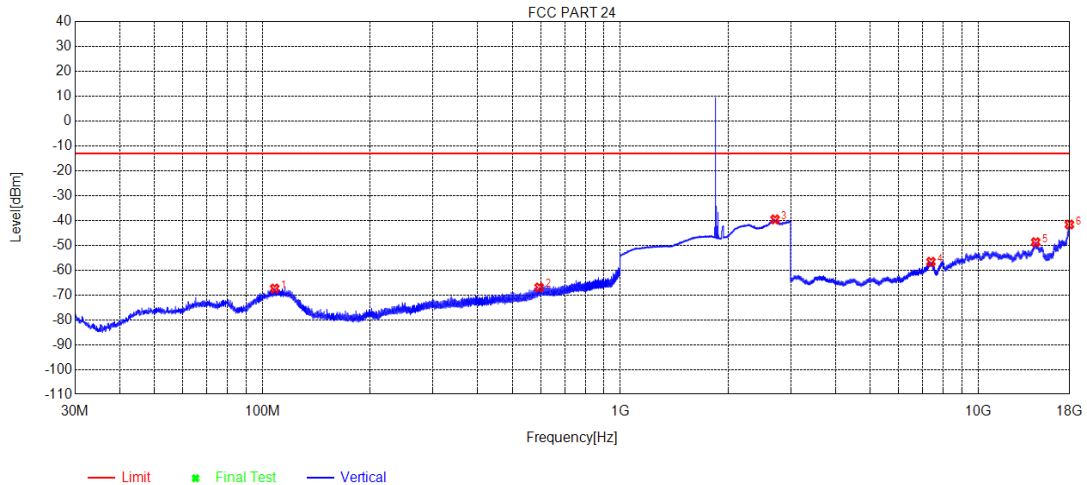


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7.2. Test Band = LTE_2_TM1 DOWN ANT

7.2.1. Test Channel = Low Channel

Test Graph



Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	108.3314	-73.40	-67.38	-13.00	54.38	Vertical
2	593.8407	-74.29	-66.95	-13.00	53.95	Vertical
3	2708.3417	-71.10	-39.55	-13.00	26.55	Vertical
4	7385.1462	-57.17	-56.62	-13.00	43.62	Vertical
5	14483.882	-61.11	-48.73	-13.00	35.73	Vertical
6	17990.499	-59.24	-41.60	-13.00	28.60	Vertical

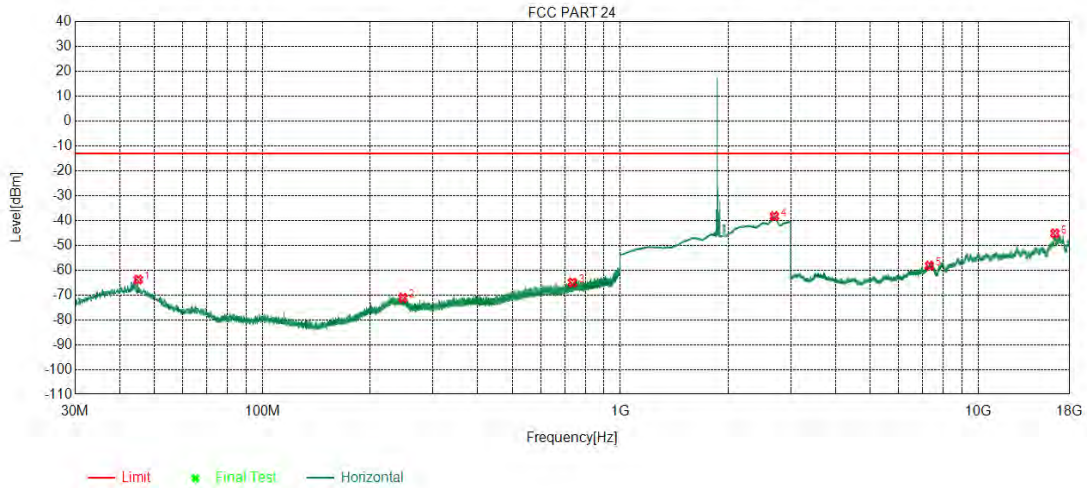


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7.3. Test Band = LTE_2_TM1 DOWN ANT

7.3.1. Test Channel = Mid Channel

Test Graph



Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	45.0358	-70.81	-63.81	-13.00	50.81	Horizontal
2	247.2909	-73.81	-71.18	-13.00	58.18	Horizontal
3	735.4678	-74.46	-64.98	-13.00	51.98	Horizontal
4	2696.3393	-71.07	-38.24	-13.00	25.24	Horizontal
5	7312.1437	-57.93	-58.21	-13.00	45.21	Horizontal
6	16395.446	-59.56	-45.19	-13.00	32.19	Horizontal

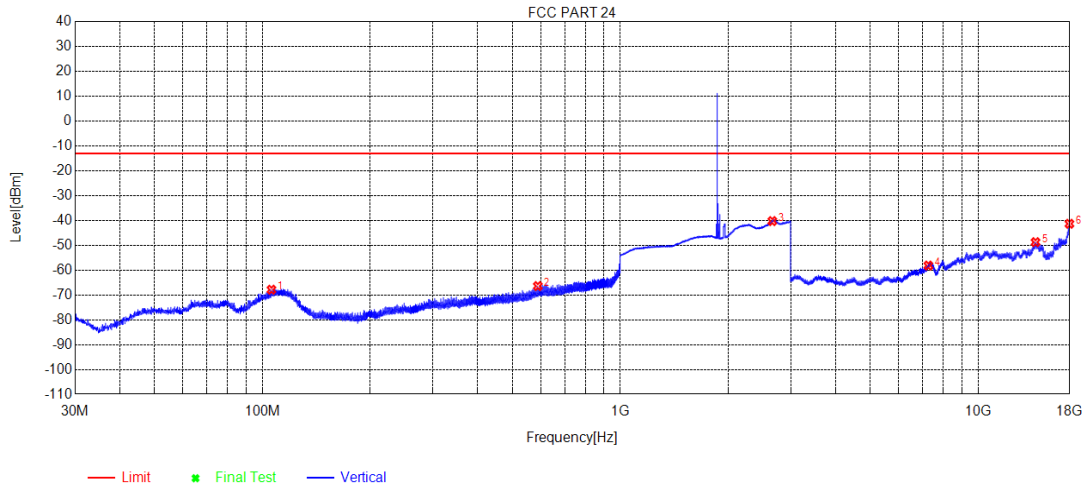


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7.4. Test Band = LTE_2_TM1 DOWN ANT

7.4.1. Test Channel = Mid Channel

Test Graph



Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	106.1003	-73.37	-67.87	-13.00	54.87	Vertical
2	588.6994	-73.49	-66.41	-13.00	53.41	Vertical
3	2660.7321	-71.15	-40.23	-13.00	27.23	Vertical
4	7260.6420	-58.33	-58.14	-13.00	45.14	Vertical
5	14467.882	-60.97	-48.72	-13.00	35.72	Vertical
6	17996.999	-59.11	-41.31	-13.00	28.31	Vertical

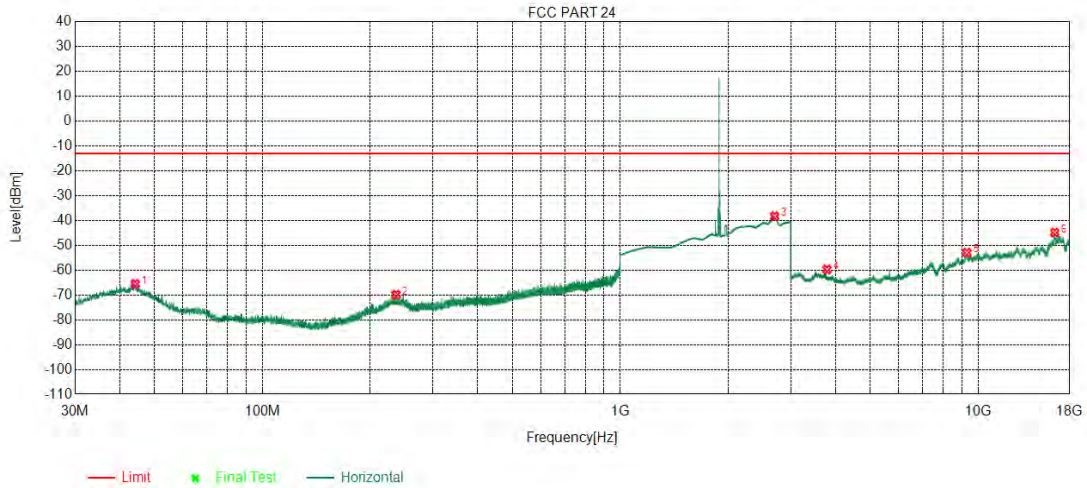


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7.5. Test Band = LTE_2_TM1 DOWN ANT

7.5.1. Test Channel = High Channel

Test Graph



Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.1627	-72.53	-65.55	-13.00	52.55	Horizontal
2	236.4748	-72.72	-69.92	-13.00	56.92	Horizontal
3	2701.9404	-71.12	-38.25	-13.00	25.25	Horizontal
4	3782.0261	-51.42	-59.75	-13.00	46.75	Horizontal
5	9301.2100	-58.93	-53.00	-13.00	40.00	Horizontal
6	16373.445	-58.78	-44.81	-13.00	31.81	Horizontal

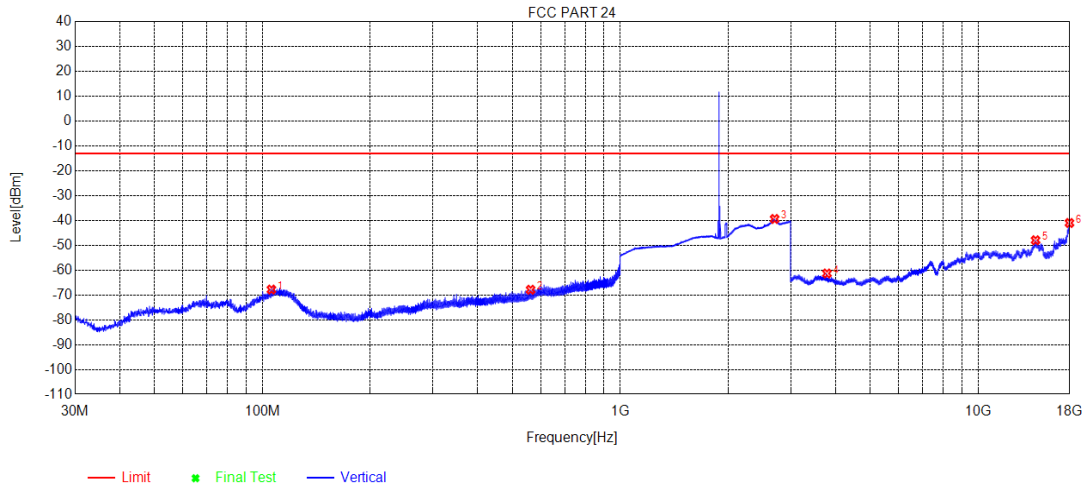


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7.6. Test Band = LTE_2_TM1 DOWN ANT

7.6.1. Test Channel = High Channel

Test Graph



Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	106.1003	-73.32	-67.82	-13.00	54.82	Vertical
2	562.0716	-73.67	-67.90	-13.00	54.90	Vertical
3	2701.1402	-71.02	-39.37	-13.00	26.37	Vertical
4	3782.0261	-52.39	-61.33	-13.00	48.33	Vertical
5	14471.382	-60.22	-47.94	-13.00	34.94	Vertical
6	17997.499	-58.81	-40.99	-13.00	27.99	Vertical

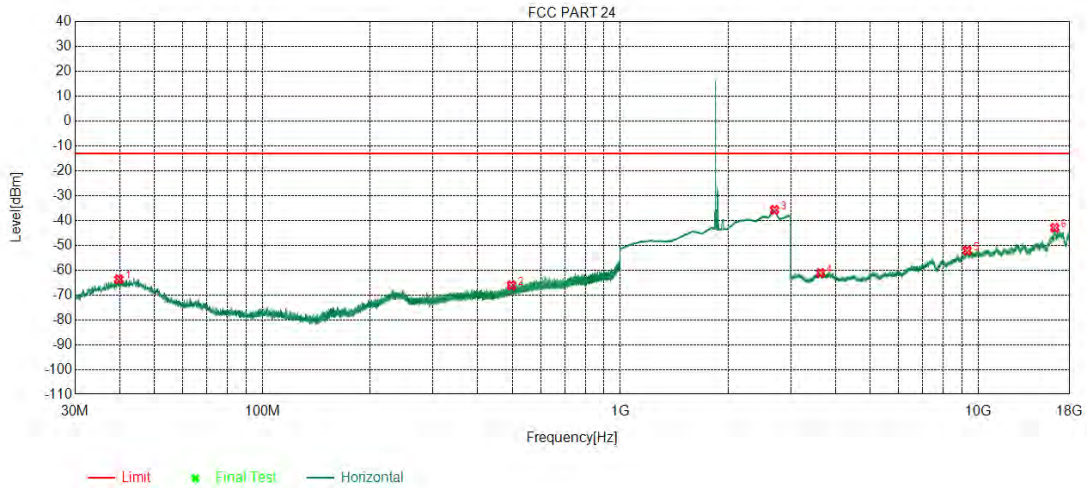


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7.7. Test Band = LTE_2_TM1 UP ANT

7.7.1. Test Channel = Mid Channel

Test Graph



Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	39.7490	-70.32	-63.64	-13.00	50.64	Horizontal
2	496.7873	-71.21	-66.10	-13.00	53.10	Horizontal
3	2699.1398	-68.62	-35.71	-13.00	22.71	Horizontal
4	3629.5210	-52.93	-61.15	-13.00	48.15	Horizontal
5	9322.7108	-57.77	-52.05	-13.00	39.05	Horizontal
6	16379.446	-57.04	-42.96	-13.00	29.96	Horizontal

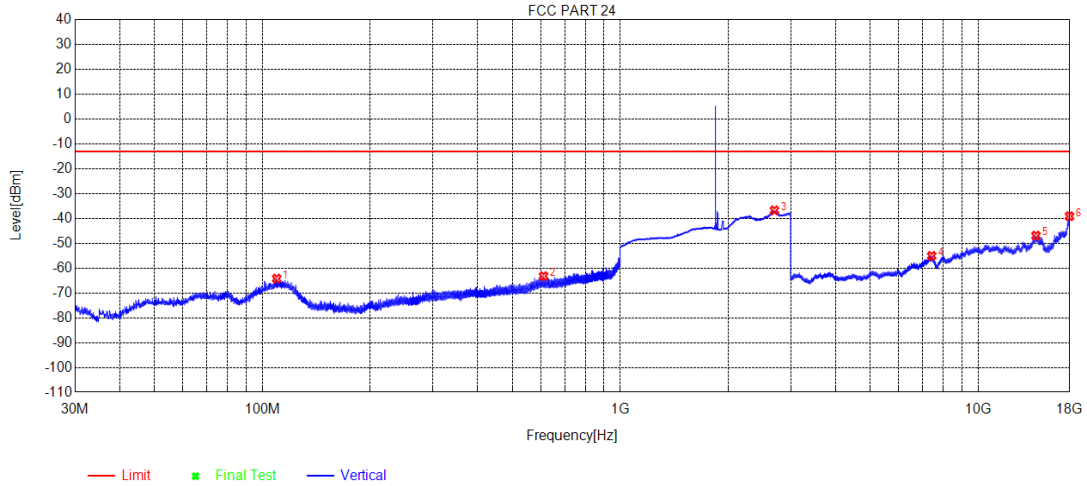


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7.8. Test Band = LTE_2_TM1 UP ANT

7.8.1. Test Channel = Mid Channel

Test Graph



Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	109.7380	-70.55	-64.20	-13.00	51.20	Vertical
2	610.9620	-70.83	-63.23	-13.00	50.23	Vertical
3	2698.3397	-68.34	-36.70	-13.00	23.70	Vertical
4	7417.6473	-55.52	-55.04	-13.00	42.04	Vertical
5	14507.883	-59.33	-46.89	-13.00	33.89	Vertical
6	17997.499	-56.90	-39.08	-13.00	26.08	Vertical

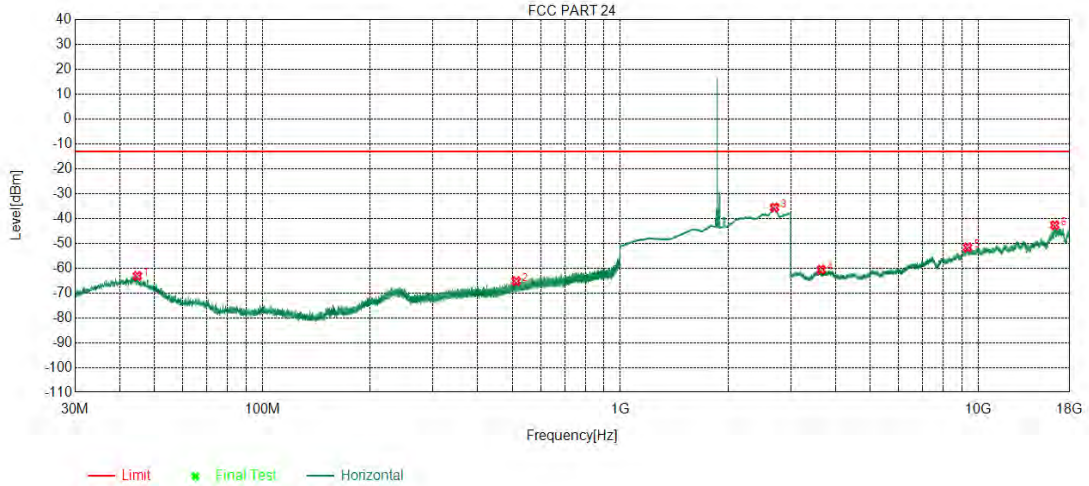


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7.9. Test Band = LTE_2_TM1 UP ANT

7.9.1. Test Channel = Mid Channel

Test Graph



Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.7932	-70.14	-63.13	-13.00	50.13	Horizontal
2	512.5506	-70.79	-65.25	-13.00	52.25	Horizontal
3	2699.9400	-68.49	-35.56	-13.00	22.56	Horizontal
4	3642.5214	-52.27	-60.56	-13.00	47.56	Horizontal
5	9345.7115	-57.17	-51.66	-13.00	38.66	Horizontal
6	16376.445	-56.72	-42.69	-13.00	29.69	Horizontal

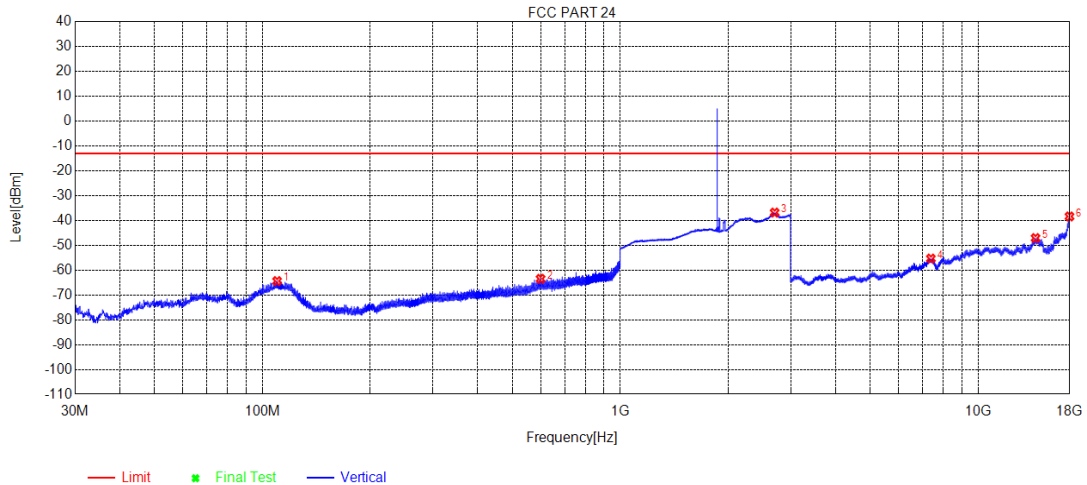


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7.10. Test Band = LTE_2_TM1 UP ANT

7.10.1. Test Channel = Mid Channel

Test Graph



Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	110.0290	-70.80	-64.39	-13.00	51.39	Vertical
2	599.3215	-71.10	-63.49	-13.00	50.49	Vertical
3	2701.1402	-68.44	-36.79	-13.00	23.79	Vertical
4	7380.1460	-55.85	-55.31	-13.00	42.31	Vertical
5	14466.382	-59.30	-47.06	-13.00	34.06	Vertical
6	17999.500	-56.23	-38.36	-13.00	25.36	Vertical

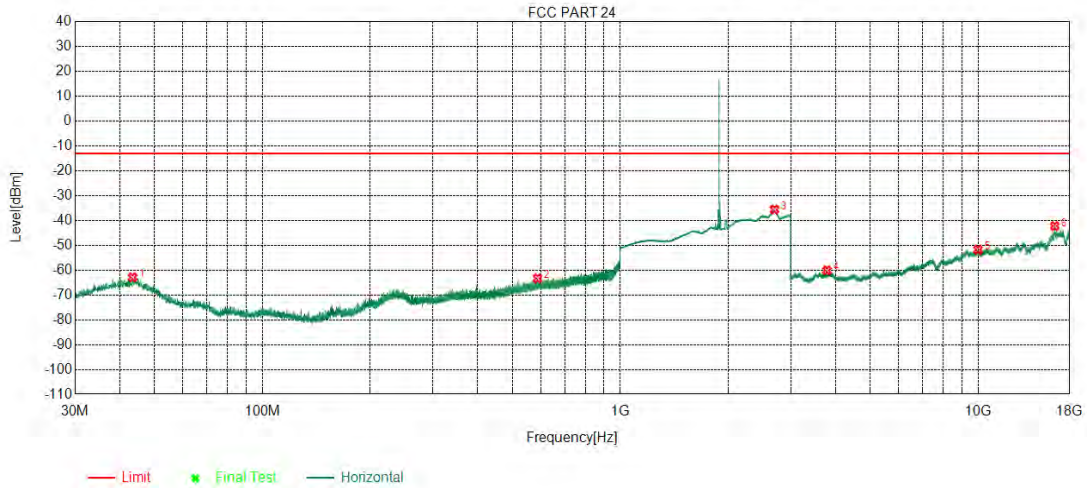


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7.11. Test Band = LTE_2_TM1 UP ANT

7.11.1. Test Channel = High Channel

Test Graph



Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	43.4352	-69.78	-62.84	-13.00	49.84	Horizontal
2	587.9719	-70.64	-63.30	-13.00	50.30	Horizontal
3	2699.5399	-68.48	-35.56	-13.00	22.56	Horizontal
4	3782.0261	-51.74	-60.07	-13.00	47.07	Horizontal
5	9994.7332	-57.33	-51.77	-13.00	38.77	Horizontal
6	16374.945	-56.29	-42.29	-13.00	29.29	Horizontal

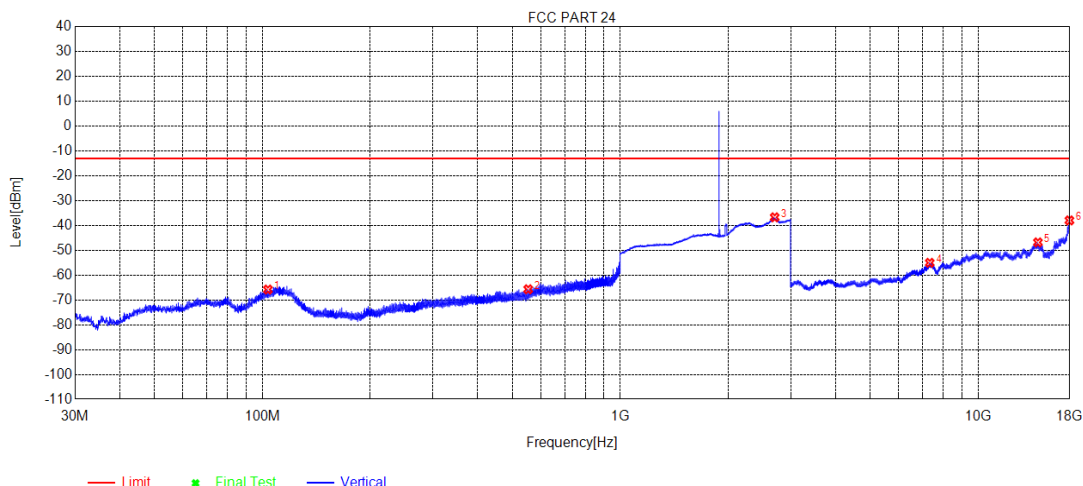


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7.12. Test Band = LTE_2_TM1 UP ANT
7.12.1. Test Channel = High Channel

Test Graph



Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	103.7237	-70.74	-65.79	-13.00	52.79	Vertical
2	553.3897	-71.02	-65.68	-13.00	52.68	Vertical
3	2701.9404	-68.33	-36.69	-13.00	23.69	Vertical
4	7327.6443	-55.51	-55.02	-13.00	42.02	Vertical
5	14690.389	-58.90	-46.79	-13.00	33.79	Vertical
6	17993.499	-55.66	-37.94	-13.00	24.94	Vertical

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 above 18GHz and 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	3.80	0.002043	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VN	NT	4.10	0.002204	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VH	NT	0.90	0.000484	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	3.20	0.001702	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	3.70	0.001968	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	2.80	0.001489	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VL	NT	-4.50	-0.002368	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VN	NT	-2.10	-0.001105	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VH	NT	-2.50	-0.001316	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VL	NT	1.40	0.000753	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VN	NT	2.60	0.001398	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VH	NT	2.20	0.001183	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VL	NT	3.20	0.001702	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VN	NT	1.70	0.000904	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VH	NT	3.40	0.001809	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VL	NT	0.00	0.000000	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VN	NT	-1.00	-0.000526	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VH	NT	-1.50	-0.000789	±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	2.20	0.001183	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-10	5.40	0.002903	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	0	3.80	0.002043	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	10	5.30	0.002849	±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	30	5.00	0.002688	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	40	1.00	0.000538	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	50	3.40	0.001828	±2.5	PASS



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Band2	20MHz	QPSK	18900	100RB#0	NV	-30	1.30	0.000691	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	0.70	0.000372	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	0.00	0.000000	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	2.30	0.001223	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	2.40	0.001277	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	0.70	0.000372	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	-1.00	-0.000532	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	2.50	0.001330	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	2.80	0.001489	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-30	-1.80	-0.000947	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-20	-1.60	-0.000842	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-10	-1.10	-0.000579	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	0	-0.20	-0.000105	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	10	-0.60	-0.000316	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	20	-3.70	-0.001947	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	30	-2.60	-0.001368	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	40	-3.60	-0.001895	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	50	0.90	0.000474	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-30	4.20	0.002258	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-20	2.60	0.001398	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-10	0.50	0.000269	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	0	4.00	0.002151	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	10	2.00	0.001075	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	20	0.70	0.000376	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	30	3.60	0.001935	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	40	2.30	0.001237	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	50	2.50	0.001344	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-30	2.10	0.001117	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-20	-0.10	-0.000053	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-10	3.40	0.001809	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	0	2.50	0.001330	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	10	3.30	0.001755	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	20	3.40	0.001809	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	30	2.30	0.001223	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	40	2.00	0.001064	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	50	1.00	0.000532	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-30	-2.40	-0.001263	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-20	-3.80	-0.002000	±2.5	PASS



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Band2	20MHz	16QAM	19100	100RB#0	NV	-10	-3.30	-0.001737	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	0	-1.10	-0.000579	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	10	-2.10	-0.001105	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	20	-3.30	-0.001737	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	30	-3.20	-0.001684	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	40	0.00	0.000000	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	50	-3.80	-0.002000	±2.5	PASS



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