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Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	22.53	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	23.23	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	22.92	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	22.96	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	23.21	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	22.95	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.08	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	22.69	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	22.91	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	22.79	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	22.91	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	22.79	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	22.76	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	21.92	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	22.63	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	22.62	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	22.63	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	22.88	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	22.88	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	22.70	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	21.66	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	21.78	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	21.97	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.09	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	21.88	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	22.14	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	21.97	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	21.97	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	21.89	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	21.75	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	21.62	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	21.62	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	21.10	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	21.63	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	21.91	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	21.85	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	21.67	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	21.43	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	21.48	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	21.10	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.03	PASS
Band2	3MHz	QPSK	18615	1RB#8	22.93	PASS
Band2	3MHz	QPSK	18615	1RB#14	22.90	PASS
Band2	3MHz	QPSK	18615	8RB#0	21.90	PASS
Band2	3MHz	QPSK	18615	8RB#4	21.89	PASS
Band2	3MHz	QPSK	18615	8RB#7	22.03	PASS
Band2	3MHz	QPSK	18615	15RB#0	21.97	PASS

Band2	3MHz	QPSK	18900	1RB#0	22.92	PASS
Band2	3MHz	QPSK	18900	1RB#8	22.67	PASS
Band2	3MHz	QPSK	18900	1RB#14	22.79	PASS
Band2	3MHz	QPSK	18900	8RB#0	21.95	PASS
Band2	3MHz	QPSK	18900	8RB#4	21.94	PASS
Band2	3MHz	QPSK	18900	8RB#7	21.83	PASS
Band2	3MHz	QPSK	18900	15RB#0	21.77	PASS
Band2	3MHz	QPSK	19185	1RB#0	22.68	PASS
Band2	3MHz	QPSK	19185	1RB#8	22.62	PASS
Band2	3MHz	QPSK	19185	1RB#14	22.72	PASS
Band2	3MHz	QPSK	19185	8RB#0	21.70	PASS
Band2	3MHz	QPSK	19185	8RB#4	21.86	PASS
Band2	3MHz	QPSK	19185	8RB#7	21.68	PASS
Band2	3MHz	QPSK	19185	15RB#0	21.71	PASS
Band2	3MHz	16QAM	18615	1RB#0	21.99	PASS
Band2	3MHz	16QAM	18615	1RB#8	21.93	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.07	PASS
Band2	3MHz	16QAM	18615	8RB#0	21.04	PASS
Band2	3MHz	16QAM	18615	8RB#4	20.95	PASS
Band2	3MHz	16QAM	18615	8RB#7	21.07	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.04	PASS
Band2	3MHz	16QAM	18900	1RB#0	22.14	PASS
Band2	3MHz	16QAM	18900	1RB#8	22.09	PASS
Band2	3MHz	16QAM	18900	1RB#14	21.83	PASS
Band2	3MHz	16QAM	18900	8RB#0	20.98	PASS
Band2	3MHz	16QAM	18900	8RB#4	20.96	PASS
Band2	3MHz	16QAM	18900	8RB#7	21.14	PASS
Band2	3MHz	16QAM	18900	15RB#0	20.98	PASS
Band2	3MHz	16QAM	19185	1RB#0	21.72	PASS
Band2	3MHz	16QAM	19185	1RB#8	21.56	PASS
Band2	3MHz	16QAM	19185	1RB#14	21.76	PASS
Band2	3MHz	16QAM	19185	8RB#0	21.27	PASS
Band2	3MHz	16QAM	19185	8RB#4	20.89	PASS
Band2	3MHz	16QAM	19185	8RB#7	20.80	PASS
Band2	3MHz	16QAM	19185	15RB#0	20.66	PASS
Band2	5MHz	QPSK	18625	1RB#0	22.97	PASS
Band2	5MHz	QPSK	18625	1RB#12	22.93	PASS
Band2	5MHz	QPSK	18625	1RB#24	22.75	PASS
Band2	5MHz	QPSK	18625	12RB#0	21.81	PASS
Band2	5MHz	QPSK	18625	12RB#6	21.80	PASS
Band2	5MHz	QPSK	18625	12RB#13	21.86	PASS
Band2	5MHz	QPSK	18625	25RB#0	21.91	PASS
Band2	5MHz	QPSK	18900	1RB#0	22.99	PASS
Band2	5MHz	QPSK	18900	1RB#12	22.76	PASS
Band2	5MHz	QPSK	18900	1RB#24	22.96	PASS
Band2	5MHz	QPSK	18900	12RB#0	21.84	PASS
Band2	5MHz	QPSK	18900	12RB#6	21.83	PASS
Band2	5MHz	QPSK	18900	12RB#13	21.86	PASS
Band2	5MHz	QPSK	18900	25RB#0	21.74	PASS
Band2	5MHz	QPSK	19175	1RB#0	22.76	PASS
Band2	5MHz	QPSK	19175	1RB#12	22.86	PASS
Band2	5MHz	QPSK	19175	1RB#24	22.66	PASS
Band2	5MHz	QPSK	19175	12RB#0	21.74	PASS
Band2	5MHz	QPSK	19175	12RB#6	21.64	PASS
Band2	5MHz	QPSK	19175	12RB#13	21.58	PASS
Band2	5MHz	QPSK	19175	25RB#0	21.72	PASS

Band2	5MHz	16QAM	18625	1RB#0	21.71	PASS
Band2	5MHz	16QAM	18625	1RB#12	21.84	PASS
Band2	5MHz	16QAM	18625	1RB#24	21.75	PASS
Band2	5MHz	16QAM	18625	12RB#0	20.84	PASS
Band2	5MHz	16QAM	18625	12RB#6	20.93	PASS
Band2	5MHz	16QAM	18625	12RB#13	20.90	PASS
Band2	5MHz	16QAM	18625	25RB#0	20.97	PASS
Band2	5MHz	16QAM	18900	1RB#0	21.71	PASS
Band2	5MHz	16QAM	18900	1RB#12	21.78	PASS
Band2	5MHz	16QAM	18900	1RB#24	21.75	PASS
Band2	5MHz	16QAM	18900	12RB#0	20.93	PASS
Band2	5MHz	16QAM	18900	12RB#6	20.92	PASS
Band2	5MHz	16QAM	18900	12RB#13	20.85	PASS
Band2	5MHz	16QAM	18900	25RB#0	20.95	PASS
Band2	5MHz	16QAM	19175	1RB#0	21.62	PASS
Band2	5MHz	16QAM	19175	1RB#12	21.52	PASS
Band2	5MHz	16QAM	19175	1RB#24	21.60	PASS
Band2	5MHz	16QAM	19175	12RB#0	20.84	PASS
Band2	5MHz	16QAM	19175	12RB#6	20.74	PASS
Band2	5MHz	16QAM	19175	12RB#13	20.67	PASS
Band2	5MHz	16QAM	19175	25RB#0	20.76	PASS
Band2	10MHz	QPSK	18650	1RB#0	22.67	PASS
Band2	10MHz	QPSK	18650	1RB#24	22.94	PASS
Band2	10MHz	QPSK	18650	1RB#49	22.75	PASS
Band2	10MHz	QPSK	18650	25RB#0	22.00	PASS
Band2	10MHz	QPSK	18650	25RB#12	21.83	PASS
Band2	10MHz	QPSK	18650	25RB#25	21.64	PASS
Band2	10MHz	QPSK	18650	50RB#0	21.79	PASS
Band2	10MHz	QPSK	18900	1RB#0	22.84	PASS
Band2	10MHz	QPSK	18900	1RB#24	22.91	PASS
Band2	10MHz	QPSK	18900	1RB#49	22.71	PASS
Band2	10MHz	QPSK	18900	25RB#0	21.73	PASS
Band2	10MHz	QPSK	18900	25RB#12	21.71	PASS
Band2	10MHz	QPSK	18900	25RB#25	21.82	PASS
Band2	10MHz	QPSK	18900	50RB#0	21.77	PASS
Band2	10MHz	QPSK	19150	1RB#0	23.01	PASS
Band2	10MHz	QPSK	19150	1RB#24	22.92	PASS
Band2	10MHz	QPSK	19150	1RB#49	22.65	PASS
Band2	10MHz	QPSK	19150	25RB#0	21.66	PASS
Band2	10MHz	QPSK	19150	25RB#12	21.66	PASS
Band2	10MHz	QPSK	19150	25RB#25	21.59	PASS
Band2	10MHz	QPSK	19150	50RB#0	21.58	PASS
Band2	10MHz	16QAM	18650	1RB#0	21.92	PASS
Band2	10MHz	16QAM	18650	1RB#24	22.13	PASS
Band2	10MHz	16QAM	18650	1RB#49	21.75	PASS
Band2	10MHz	16QAM	18650	25RB#0	20.76	PASS
Band2	10MHz	16QAM	18650	25RB#12	20.76	PASS
Band2	10MHz	16QAM	18650	25RB#25	20.77	PASS
Band2	10MHz	16QAM	18650	50RB#0	20.92	PASS
Band2	10MHz	16QAM	18900	1RB#0	21.94	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.15	PASS
Band2	10MHz	16QAM	18900	1RB#49	21.95	PASS
Band2	10MHz	16QAM	18900	25RB#0	20.90	PASS
Band2	10MHz	16QAM	18900	25RB#12	20.89	PASS
Band2	10MHz	16QAM	18900	25RB#25	20.83	PASS
Band2	10MHz	16QAM	18900	50RB#0	20.87	PASS

Band2	10MHz	16QAM	19150	1RB#0	21.91	PASS
Band2	10MHz	16QAM	19150	1RB#24	22.05	PASS
Band2	10MHz	16QAM	19150	1RB#49	21.71	PASS
Band2	10MHz	16QAM	19150	25RB#0	20.62	PASS
Band2	10MHz	16QAM	19150	25RB#12	20.74	PASS
Band2	10MHz	16QAM	19150	25RB#25	20.58	PASS
Band2	10MHz	16QAM	19150	50RB#0	20.78	PASS
Band2	15MHz	QPSK	18675	1RB#0	22.89	PASS
Band2	15MHz	QPSK	18675	1RB#38	22.75	PASS
Band2	15MHz	QPSK	18675	1RB#74	22.70	PASS
Band2	15MHz	QPSK	18675	36RB#0	21.91	PASS
Band2	15MHz	QPSK	18675	36RB#18	21.91	PASS
Band2	15MHz	QPSK	18675	36RB#39	21.71	PASS
Band2	15MHz	QPSK	18675	75RB#0	21.73	PASS
Band2	15MHz	QPSK	18900	1RB#0	22.69	PASS
Band2	15MHz	QPSK	18900	1RB#38	22.56	PASS
Band2	15MHz	QPSK	18900	1RB#74	22.69	PASS
Band2	15MHz	QPSK	18900	36RB#0	21.80	PASS
Band2	15MHz	QPSK	18900	36RB#18	21.85	PASS
Band2	15MHz	QPSK	18900	36RB#39	21.63	PASS
Band2	15MHz	QPSK	18900	75RB#0	21.62	PASS
Band2	15MHz	QPSK	19125	1RB#0	22.69	PASS
Band2	15MHz	QPSK	19125	1RB#38	22.70	PASS
Band2	15MHz	QPSK	19125	1RB#74	22.48	PASS
Band2	15MHz	QPSK	19125	36RB#0	21.77	PASS
Band2	15MHz	QPSK	19125	36RB#18	21.77	PASS
Band2	15MHz	QPSK	19125	36RB#39	21.55	PASS
Band2	15MHz	QPSK	19125	75RB#0	21.63	PASS
Band2	15MHz	16QAM	18675	1RB#0	21.94	PASS
Band2	15MHz	16QAM	18675	1RB#38	21.66	PASS
Band2	15MHz	16QAM	18675	1RB#74	21.66	PASS
Band2	15MHz	16QAM	18675	36RB#0	20.88	PASS
Band2	15MHz	16QAM	18675	36RB#18	20.78	PASS
Band2	15MHz	16QAM	18675	36RB#39	20.77	PASS
Band2	15MHz	16QAM	18675	75RB#0	20.87	PASS
Band2	15MHz	16QAM	18900	1RB#0	21.87	PASS
Band2	15MHz	16QAM	18900	1RB#38	21.80	PASS
Band2	15MHz	16QAM	18900	1RB#74	21.72	PASS
Band2	15MHz	16QAM	18900	36RB#0	20.91	PASS
Band2	15MHz	16QAM	18900	36RB#18	20.80	PASS
Band2	15MHz	16QAM	18900	36RB#39	20.73	PASS
Band2	15MHz	16QAM	18900	75RB#0	20.71	PASS
Band2	15MHz	16QAM	19125	1RB#0	21.70	PASS
Band2	15MHz	16QAM	19125	1RB#38	21.58	PASS
Band2	15MHz	16QAM	19125	1RB#74	21.64	PASS
Band2	15MHz	16QAM	19125	36RB#0	20.98	PASS
Band2	15MHz	16QAM	19125	36RB#18	20.79	PASS
Band2	15MHz	16QAM	19125	36RB#39	20.66	PASS
Band2	15MHz	16QAM	19125	75RB#0	20.71	PASS
Band2	20MHz	QPSK	18700	1RB#0	22.92	PASS
Band2	20MHz	QPSK	18700	1RB#49	22.78	PASS
Band2	20MHz	QPSK	18700	1RB#99	22.73	PASS
Band2	20MHz	QPSK	18700	50RB#0	21.75	PASS
Band2	20MHz	QPSK	18700	50RB#25	21.85	PASS
Band2	20MHz	QPSK	18700	50RB#50	21.62	PASS
Band2	20MHz	QPSK	18700	100RB#0	21.68	PASS

Band2	20MHz	QPSK	18900	1RB#0	22.65	PASS
Band2	20MHz	QPSK	18900	1RB#49	23.13	PASS
Band2	20MHz	QPSK	18900	1RB#99	22.86	PASS
Band2	20MHz	QPSK	18900	50RB#0	21.74	PASS
Band2	20MHz	QPSK	18900	50RB#25	21.63	PASS
Band2	20MHz	QPSK	18900	50RB#50	21.73	PASS
Band2	20MHz	QPSK	18900	100RB#0	21.64	PASS
Band2	20MHz	QPSK	19100	1RB#0	22.45	PASS
Band2	20MHz	QPSK	19100	1RB#49	22.83	PASS
Band2	20MHz	QPSK	19100	1RB#99	22.56	PASS
Band2	20MHz	QPSK	19100	50RB#0	21.74	PASS
Band2	20MHz	QPSK	19100	50RB#25	21.65	PASS
Band2	20MHz	QPSK	19100	50RB#50	21.52	PASS
Band2	20MHz	QPSK	19100	100RB#0	21.53	PASS
Band2	20MHz	16QAM	18700	1RB#0	22.13	PASS
Band2	20MHz	16QAM	18700	1RB#49	21.93	PASS
Band2	20MHz	16QAM	18700	1RB#99	21.66	PASS
Band2	20MHz	16QAM	18700	50RB#0	20.92	PASS
Band2	20MHz	16QAM	18700	50RB#25	20.91	PASS
Band2	20MHz	16QAM	18700	50RB#50	20.80	PASS
Band2	20MHz	16QAM	18700	100RB#0	20.83	PASS
Band2	20MHz	16QAM	18900	1RB#0	21.89	PASS
Band2	20MHz	16QAM	18900	1RB#49	22.24	PASS
Band2	20MHz	16QAM	18900	1RB#99	21.95	PASS
Band2	20MHz	16QAM	18900	50RB#0	20.74	PASS
Band2	20MHz	16QAM	18900	50RB#25	20.84	PASS
Band2	20MHz	16QAM	18900	50RB#50	20.85	PASS
Band2	20MHz	16QAM	18900	100RB#0	20.70	PASS
Band2	20MHz	16QAM	19100	1RB#0	21.85	PASS
Band2	20MHz	16QAM	19100	1RB#49	22.09	PASS
Band2	20MHz	16QAM	19100	1RB#99	21.53	PASS
Band2	20MHz	16QAM	19100	50RB#0	20.84	PASS
Band2	20MHz	16QAM	19100	50RB#25	20.74	PASS
Band2	20MHz	16QAM	19100	50RB#50	20.64	PASS
Band2	20MHz	16QAM	19100	100RB#0	20.63	PASS

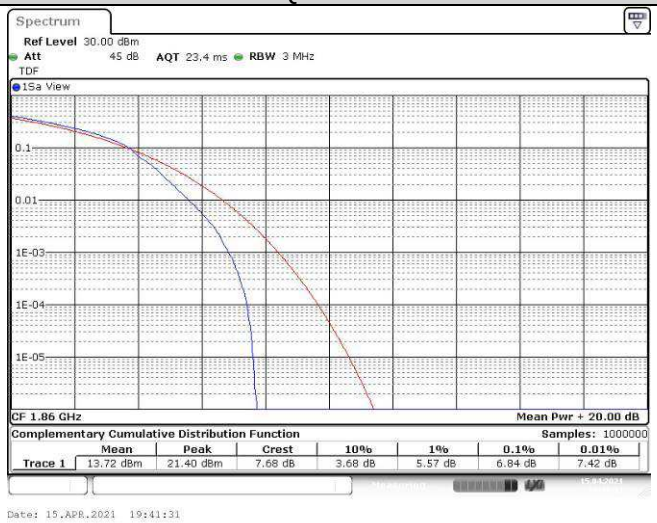
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

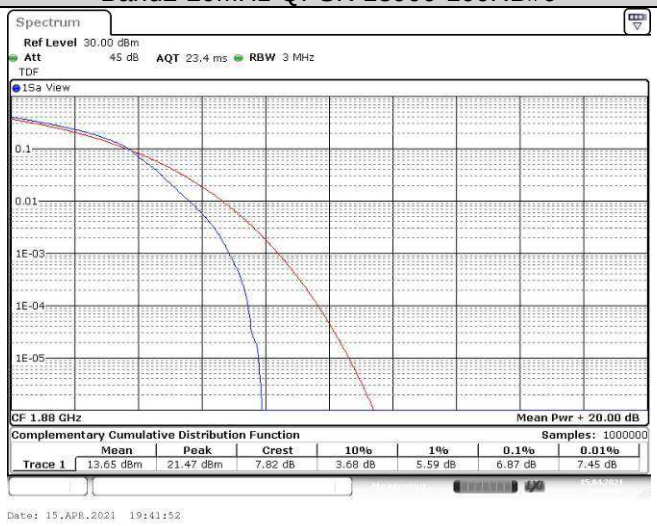
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	6.84	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	6.87	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	6.84	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	7.33	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	7.36	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	7.36	13	PASS

Test Graphs

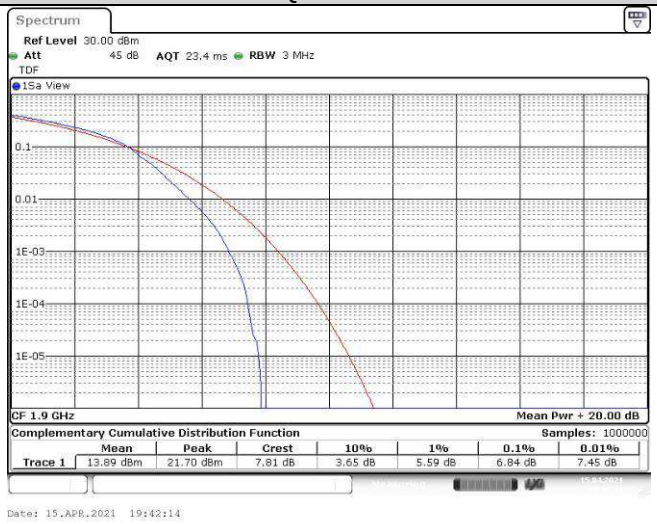
Band2-20MHz-QPSK-18700-100RB#0



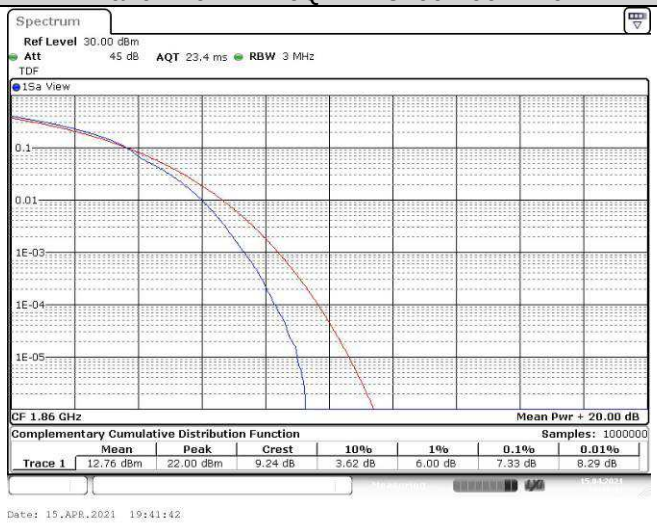
Band2-20MHz-QPSK-18900-100RB#0



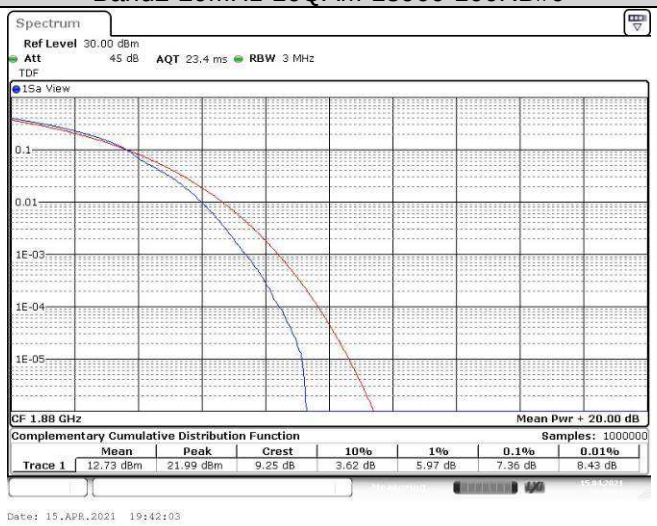
Band2-20MHz-QPSK-19100-100RB#0



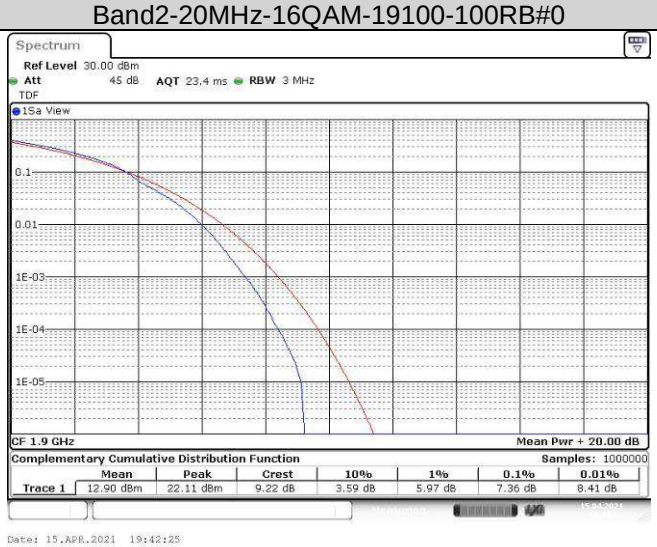
Band2-20MHz-16QAM-18700-100RB#0



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



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



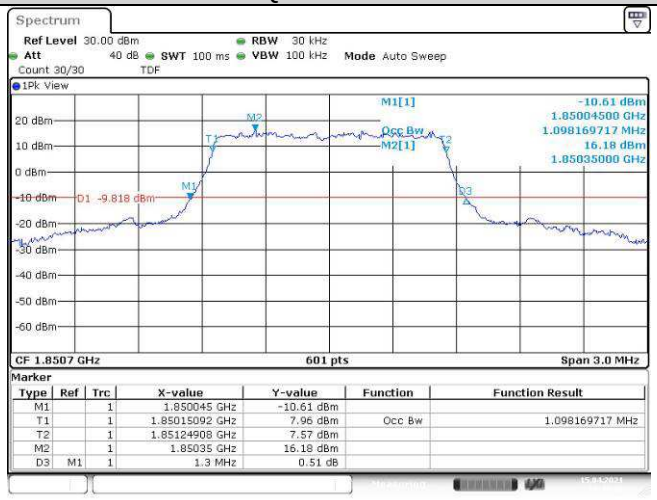
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

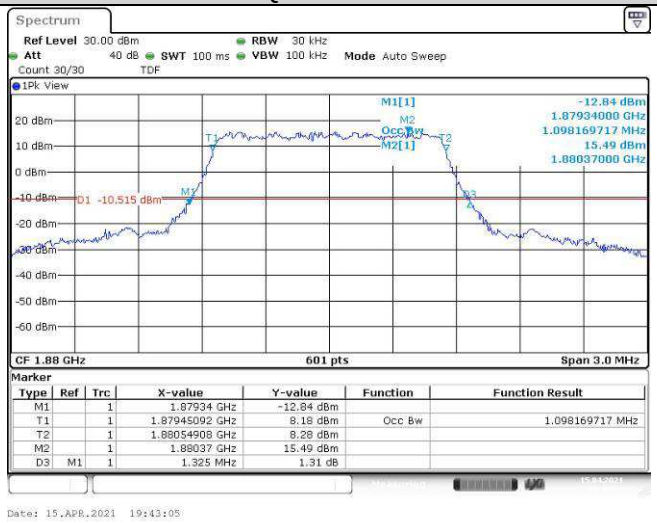
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.098	1.300	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.098	1.325	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.098	1.320	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.098	1.310	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.103	1.310	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.103	1.310	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.686	2.970	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.686	2.940	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.686	2.960	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.676	2.960	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.686	2.950	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.676	2.940	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.476	4.950	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.476	4.970	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.476	4.960	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.476	4.900	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.476	4.890	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.476	4.900	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.918	9.800	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.918	9.800	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.952	9.800	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.918	9.667	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.918	9.667	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.918	9.733	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.478	14.950	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.478	14.900	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.428	14.900	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.428	14.800	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.478	14.850	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.478	14.850	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.903	19.333	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.903	19.467	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.903	19.333	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.837	19.467	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.903	19.533	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.837	19.533	PASS

Test Graphs

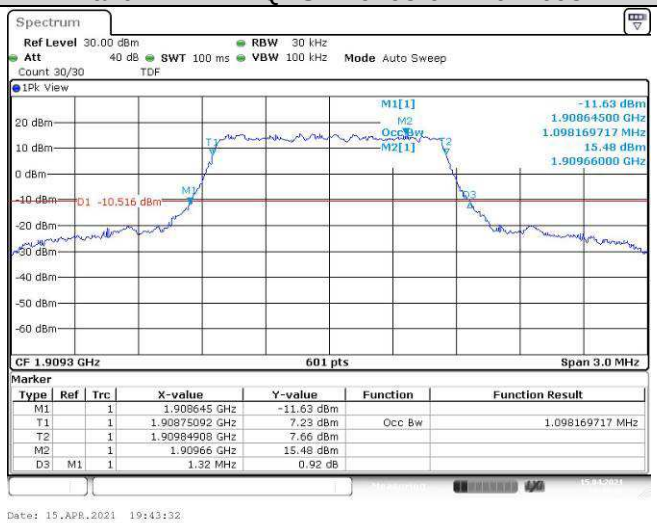
Band2-1.4MHz-QPSK-18607-6RB#0-1.098



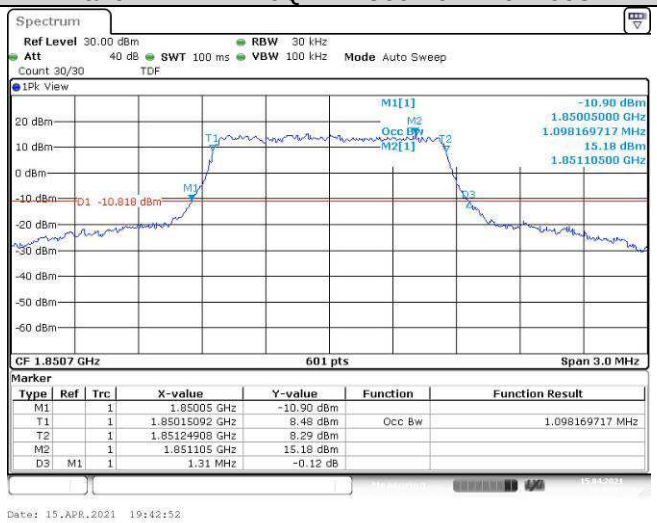
Band2-1.4MHz-QPSK-18900-6RB#0-1.098



Band2-1.4MHz-QPSK-19193-6RB#0-1.098



Band2-1.4MHz-16QAM-18607-6RB#0-1.098



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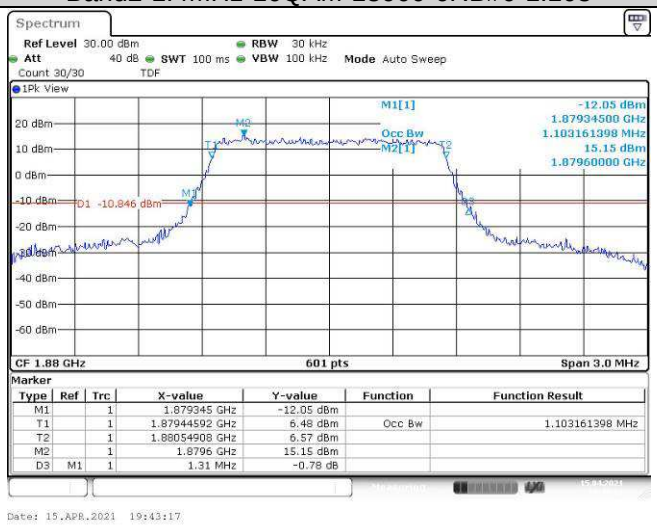

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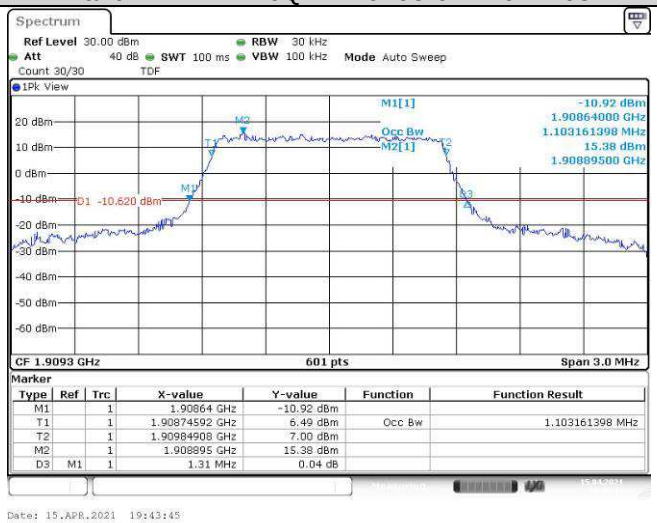
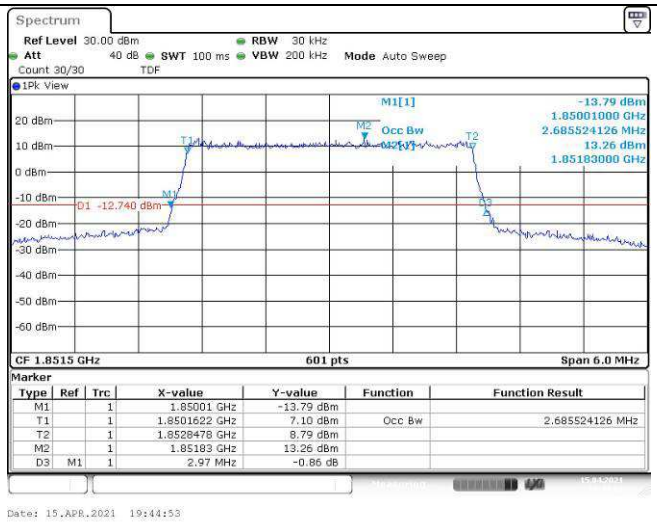
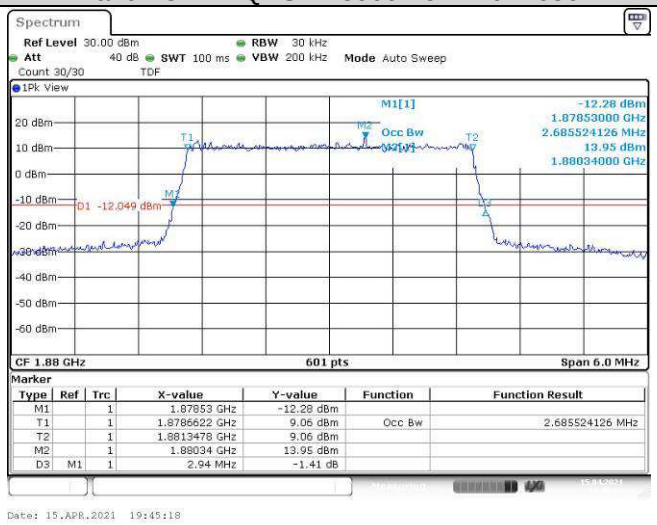


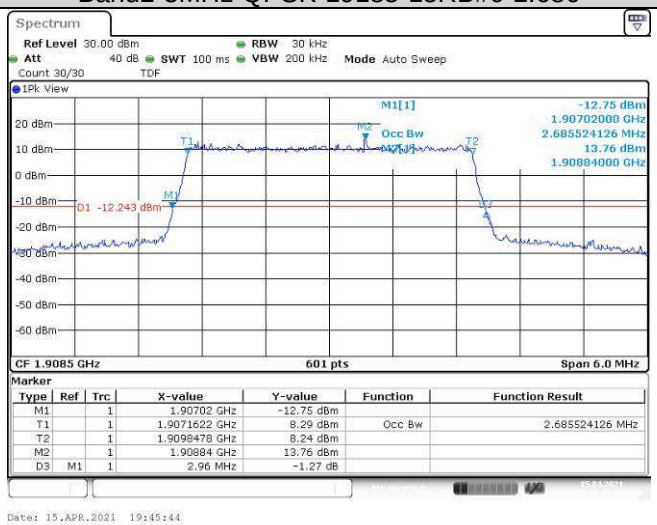
Band2-3MHz-QPSK-18615-15RB#0-2.686



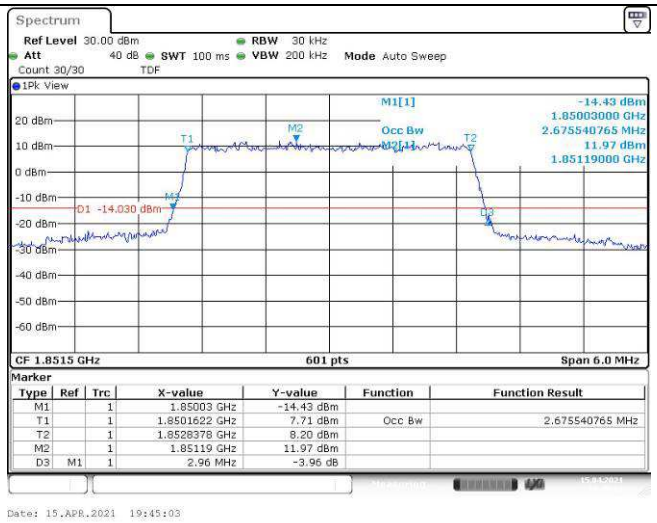
Band2-3MHz-QPSK-18900-15RB#0-2.686



Band2-3MHz-QPSK-19185-15RB#0-2.686



Band2-3MHz-16QAM-18615-15RB#0-2.676



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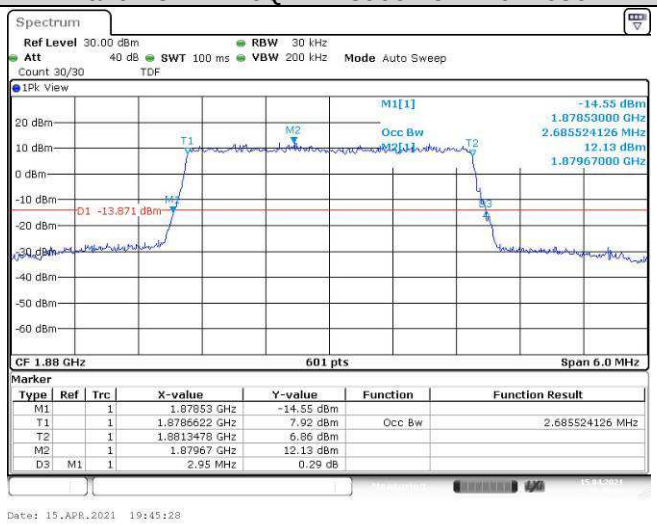
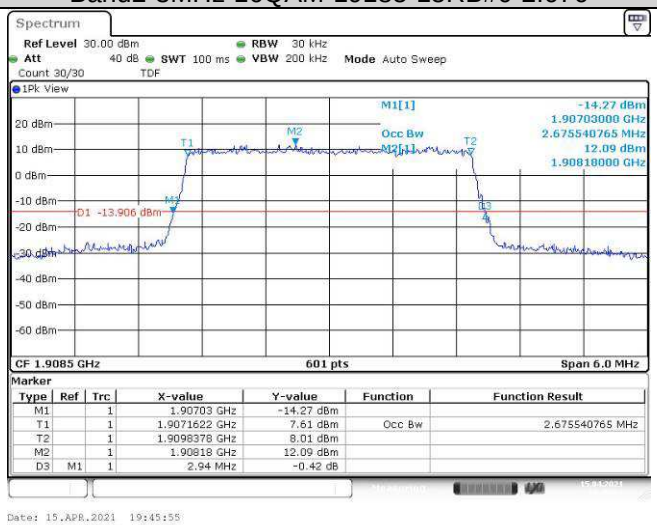
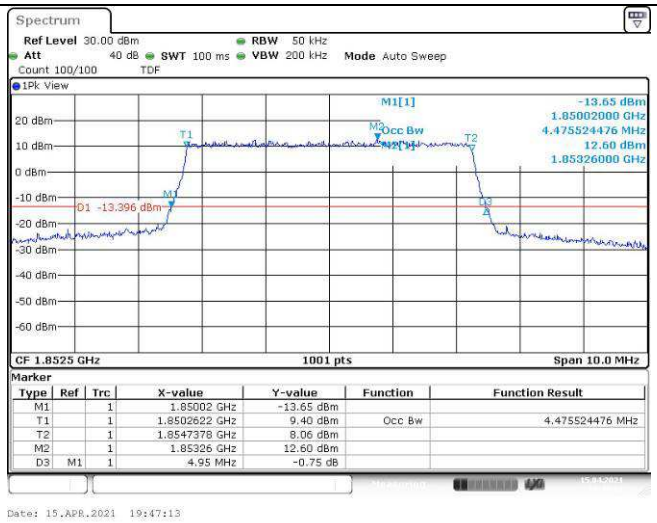


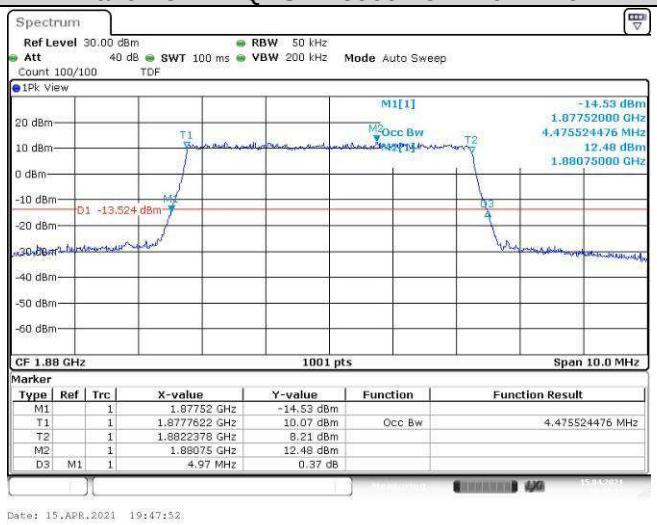
Band2-3MHz-16QAM-19185-15RB#0-2.676



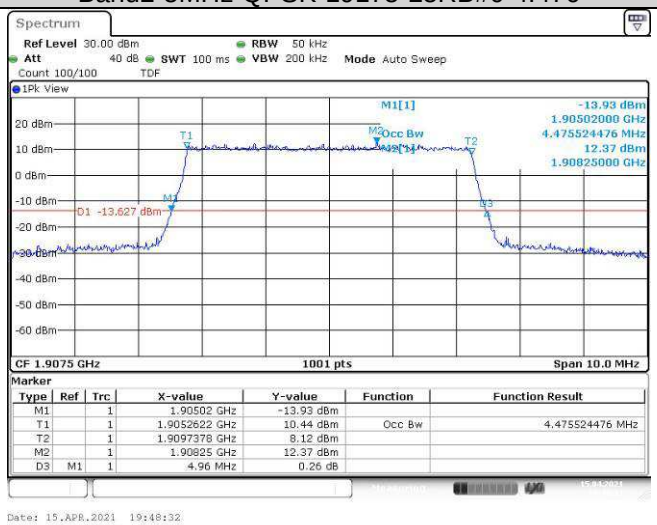
Band2-5MHz-QPSK-18625-25RB#0-4.476



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



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



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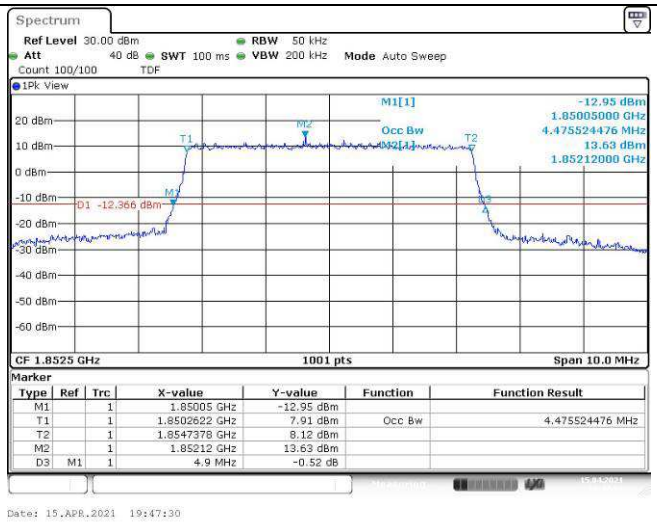

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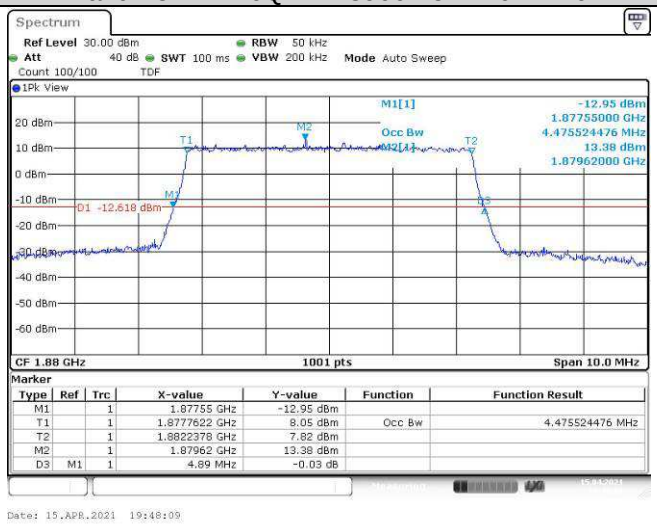
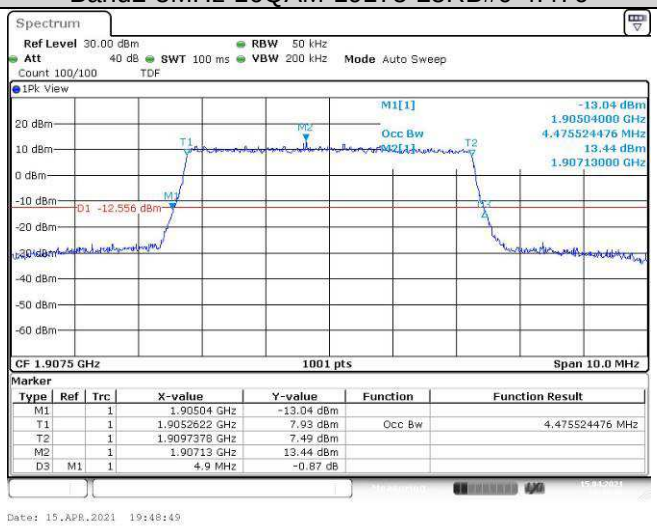
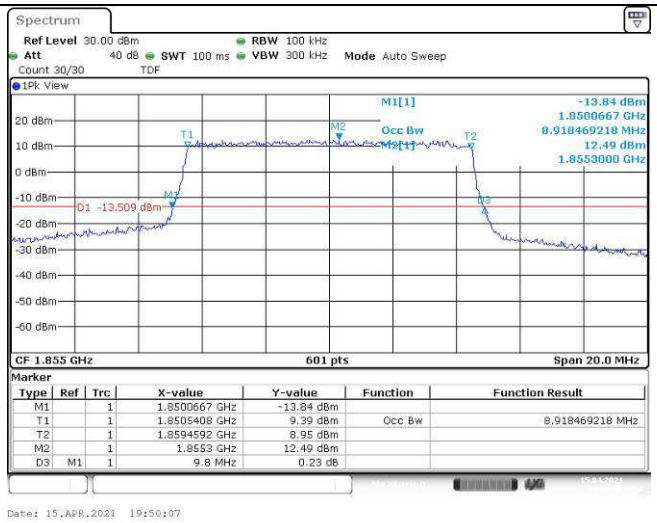


Band2-5MHz-16QAM-19175-25RB#0-4.476



Band2-10MHz-QPSK-18650-50RB#0-8.918



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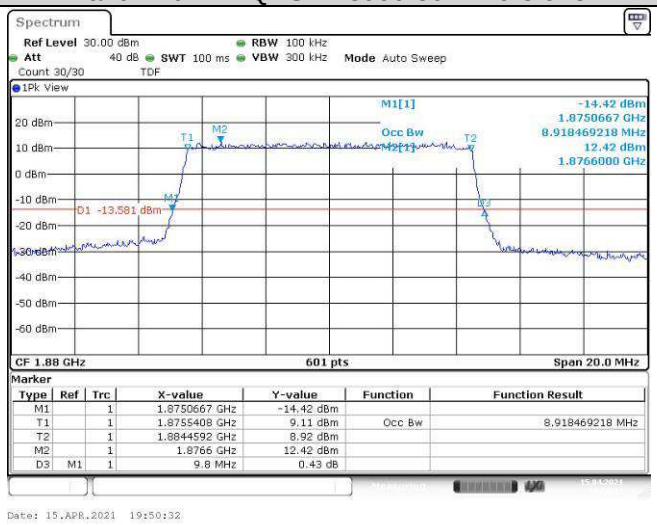
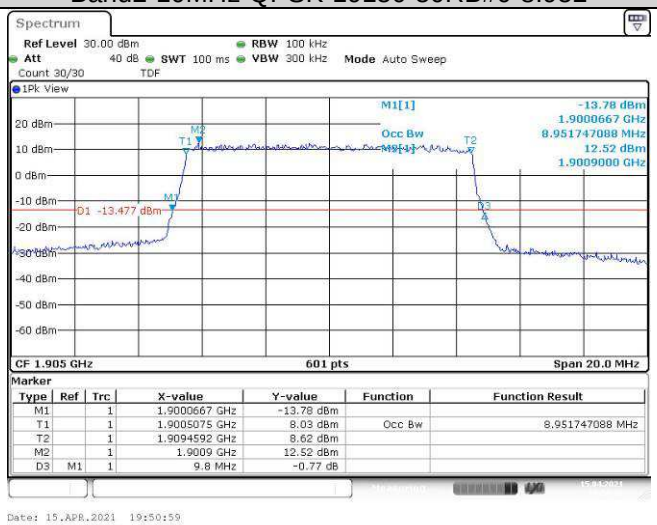


Band2-10MHz-QPSK-19150-50RB#0-8.952



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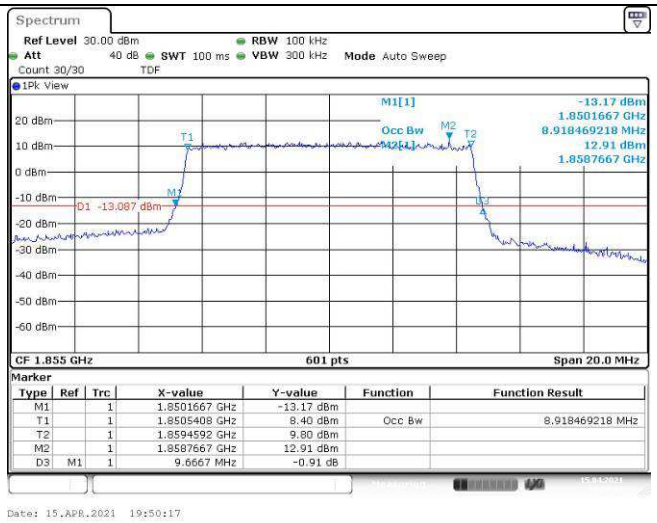
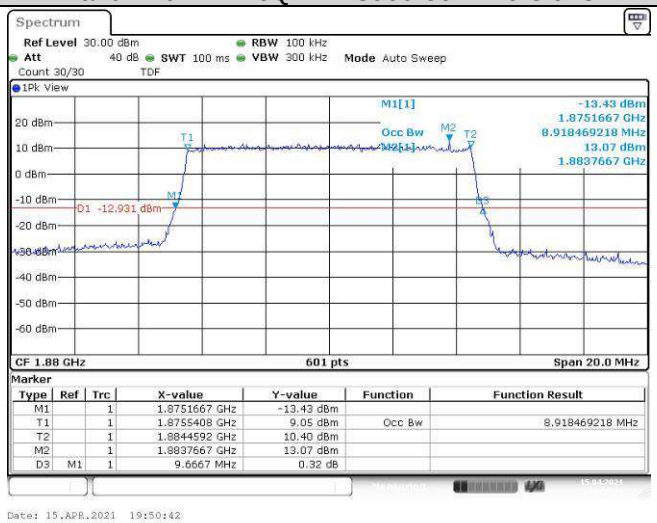


Band2-10MHz-16QAM-18900-50RB#0-8.918



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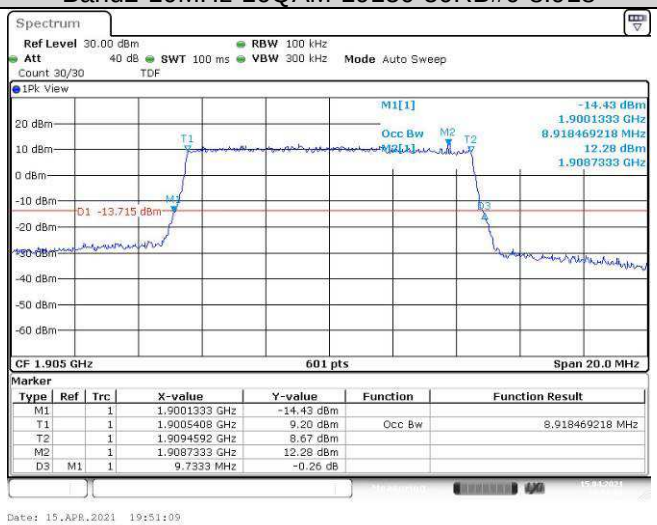
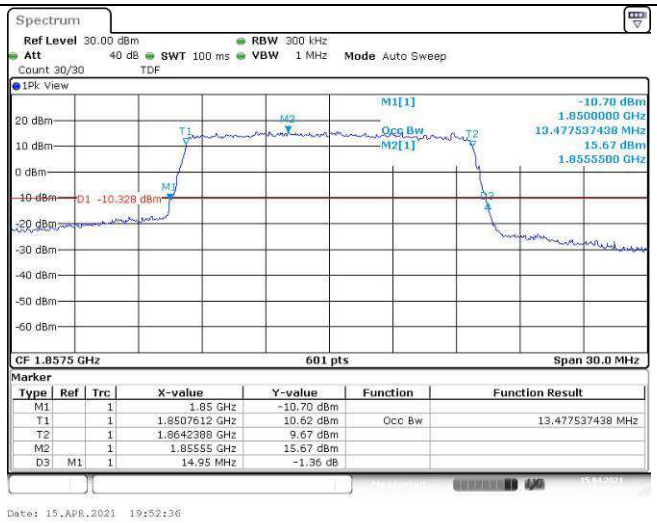
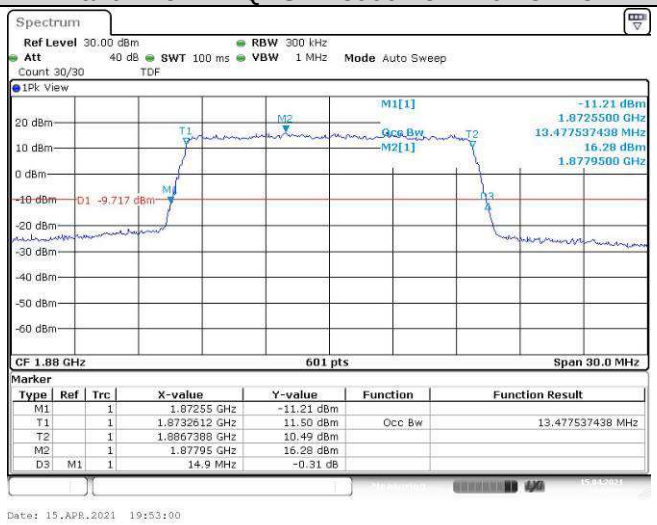


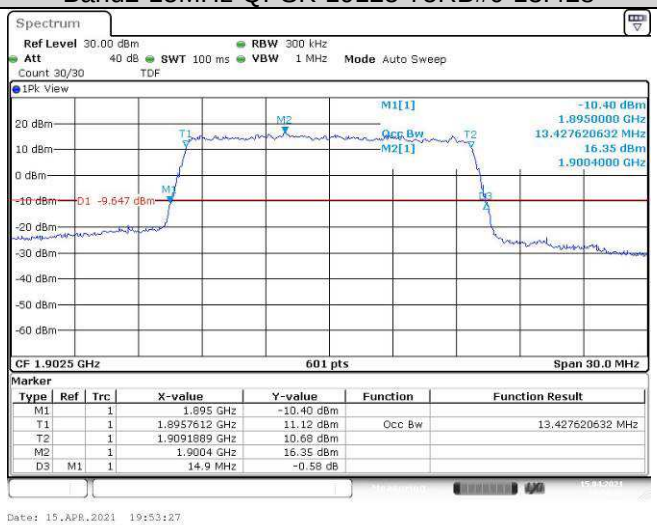
Band2-15MHz-QPSK-18675-75RB#0-13.478



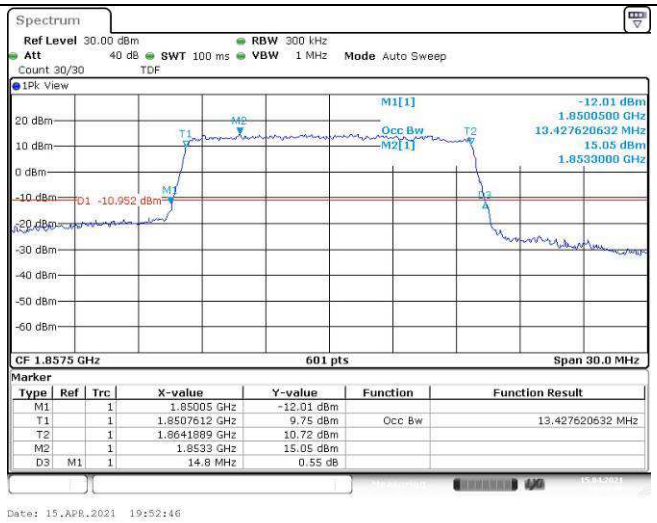
Band2-15MHz-QPSK-18900-75RB#0-13.478



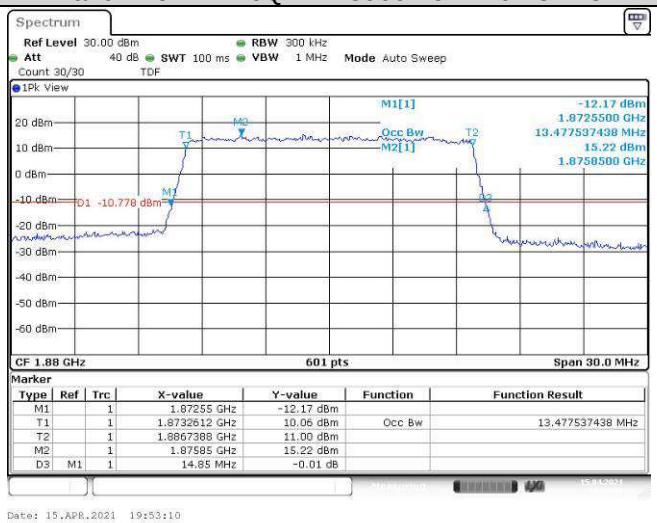
Band2-15MHz-QPSK-19125-75RB#0-13.428



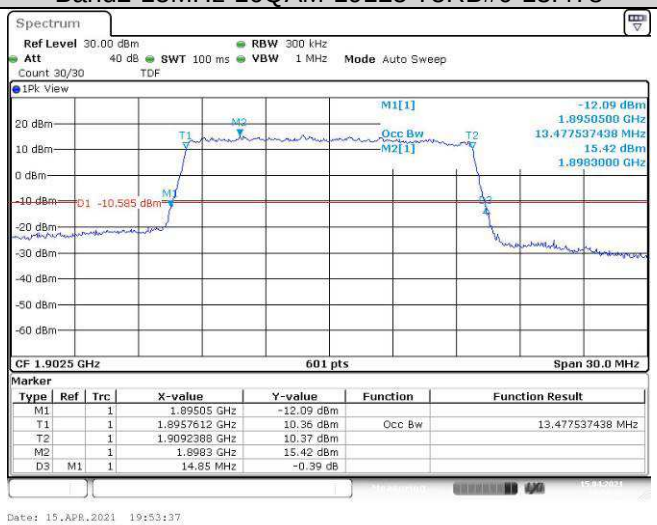
Band2-15MHz-16QAM-18675-75RB#0-13.428



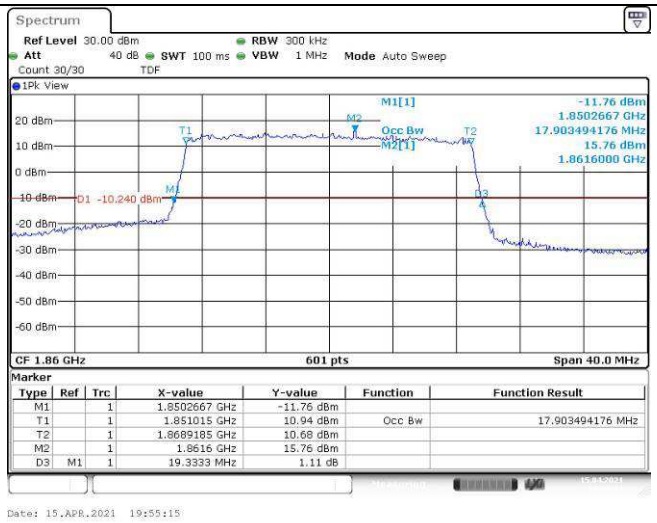
Band2-15MHz-16QAM-18900-75RB#0-13.478



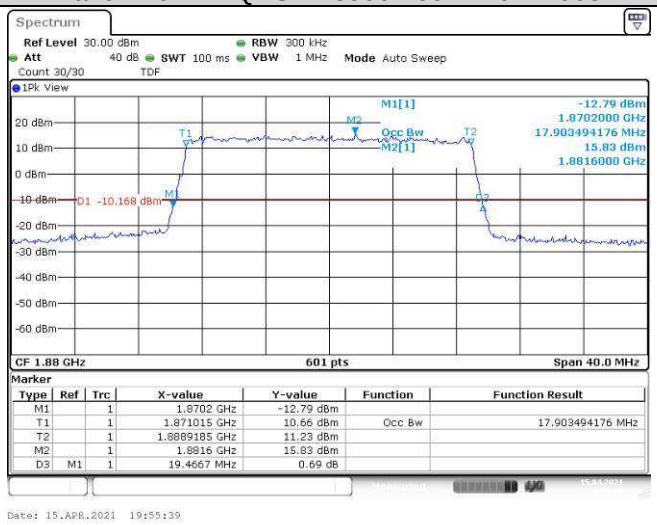
Band2-15MHz-16QAM-19125-75RB#0-13.478



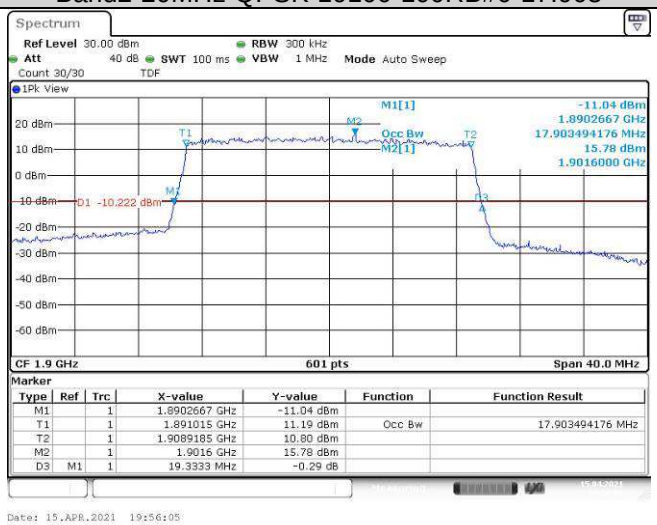
Band2-20MHz-QPSK-18700-100RB#0-17.903



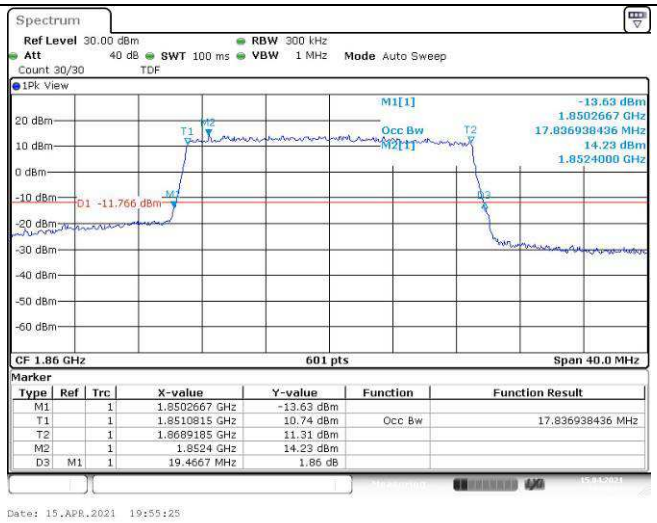
Band2-20MHz-QPSK-18900-100RB#0-17.903



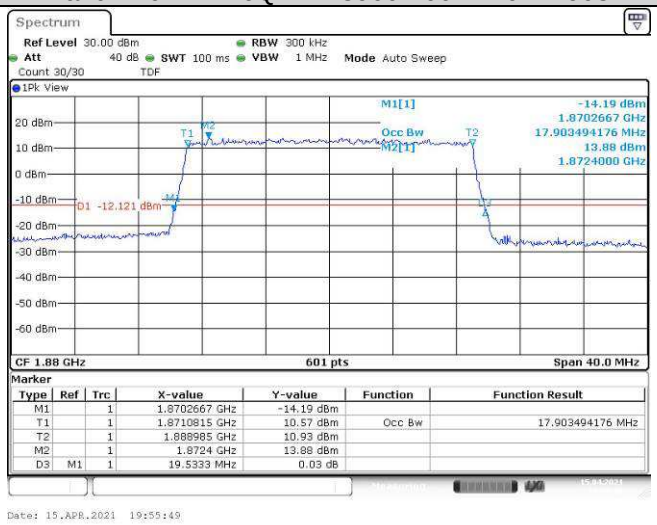
Band2-20MHz-QPSK-19100-100RB#0-17.903



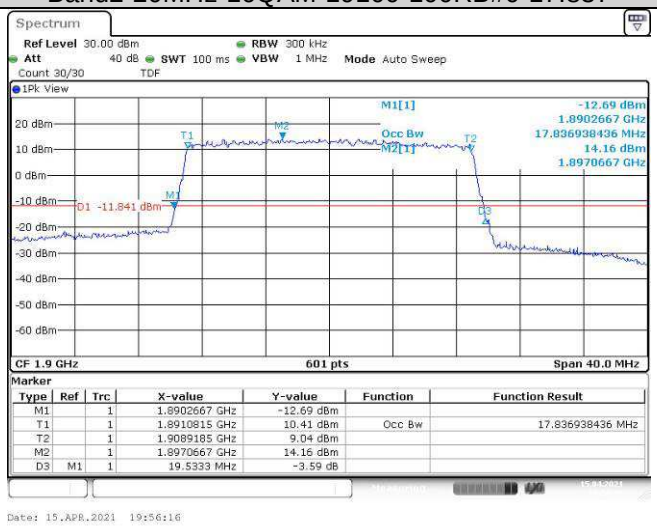
Band2-20MHz-16QAM-18700-100RB#0-17.837



Band2-20MHz-16QAM-18900-100RB#0-17.903



Band2-20MHz-16QAM-19100-100RB#0-17.837



Appendix D: Band Edge

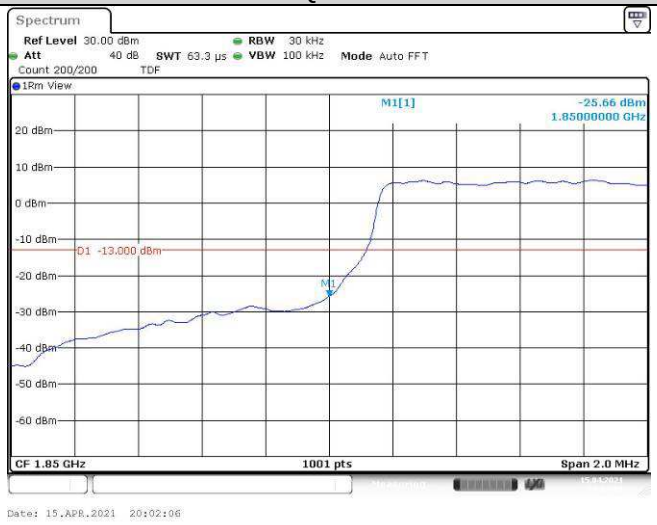
Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-23.53	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-25.66	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-23.26	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-26.68	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-23.54	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-27.30	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-23.51	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-28.05	PASS
Band2	3MHz	QPSK	18615	1RB#0	-19.78	PASS
Band2	3MHz	QPSK	18615	15RB#0	-25.09	PASS
Band2	3MHz	QPSK	19185	1RB#14	-18.55	PASS
Band2	3MHz	QPSK	19185	15RB#0	-25.90	PASS
Band2	3MHz	16QAM	18615	1RB#0	-20.13	PASS
Band2	3MHz	16QAM	18615	15RB#0	-26.64	PASS
Band2	3MHz	16QAM	19185	1RB#14	-20.16	PASS
Band2	3MHz	16QAM	19185	15RB#0	-27.70	PASS
Band2	5MHz	QPSK	18625	1RB#0	-24.14	PASS
Band2	5MHz	QPSK	18625	25RB#0	-28.66	PASS
Band2	5MHz	QPSK	19175	1RB#24	-22.55	PASS
Band2	5MHz	QPSK	19175	25RB#0	-29.08	PASS
Band2	5MHz	16QAM	18625	1RB#0	-23.68	PASS
Band2	5MHz	16QAM	18625	25RB#0	-29.00	PASS
Band2	5MHz	16QAM	19175	1RB#24	-23.99	PASS
Band2	5MHz	16QAM	19175	25RB#0	-31.45	PASS
Band2	10MHz	QPSK	18650	1RB#0	-32.05	PASS
Band2	10MHz	QPSK	18650	50RB#0	-28.61	PASS
Band2	10MHz	QPSK	19150	1RB#49	-32.50	PASS
Band2	10MHz	QPSK	19150	50RB#0	-33.34	PASS
Band2	10MHz	16QAM	18650	1RB#0	-33.03	PASS
Band2	10MHz	16QAM	18650	50RB#0	-31.38	PASS
Band2	10MHz	16QAM	19150	1RB#49	-34.06	PASS
Band2	10MHz	16QAM	19150	50RB#0	-35.70	PASS
Band2	15MHz	QPSK	18675	1RB#0	-26.46	PASS
Band2	15MHz	QPSK	18675	75RB#0	-26.25	PASS
Band2	15MHz	QPSK	19125	1RB#74	-23.14	PASS
Band2	15MHz	QPSK	19125	75RB#0	-31.57	PASS
Band2	15MHz	16QAM	18675	1RB#0	-24.01	PASS
Band2	15MHz	16QAM	18675	75RB#0	-28.09	PASS
Band2	15MHz	16QAM	19125	1RB#74	-26.21	PASS
Band2	15MHz	16QAM	19125	75RB#0	-32.88	PASS
Band2	20MHz	QPSK	18700	1RB#0	-31.72	PASS
Band2	20MHz	QPSK	18700	100RB#0	-28.26	PASS
Band2	20MHz	QPSK	19100	1RB#99	-29.84	PASS
Band2	20MHz	QPSK	19100	100RB#0	-34.44	PASS
Band2	20MHz	16QAM	18700	1RB#0	-31.29	PASS
Band2	20MHz	16QAM	18700	100RB#0	-29.39	PASS
Band2	20MHz	16QAM	19100	1RB#99	-30.45	PASS
Band2	20MHz	16QAM	19100	100RB#0	-35.26	PASS

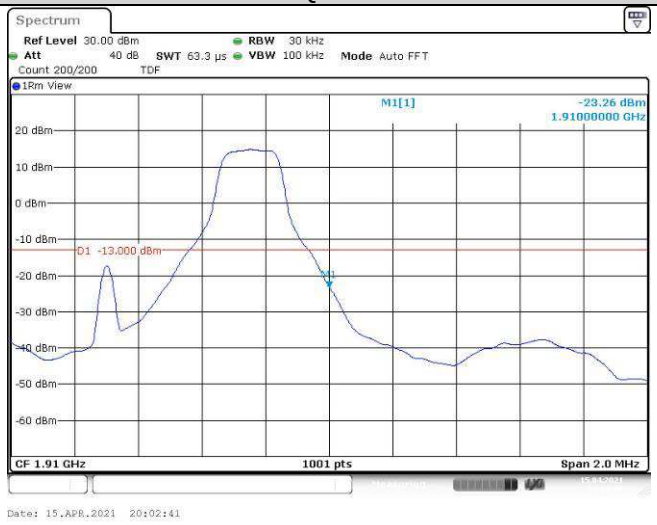
Test Graphs

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

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



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

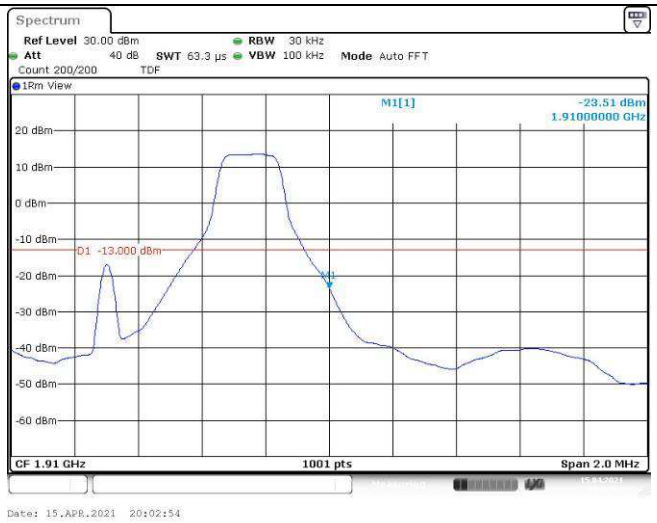


Band2-1.4MHz-QPSK-19193-6RB#0

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

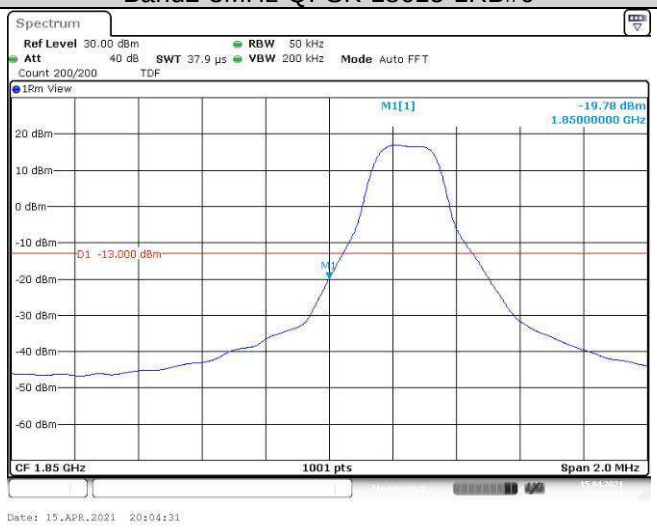
Band2-1.4MHz-16QAM-18607-6RB#0

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

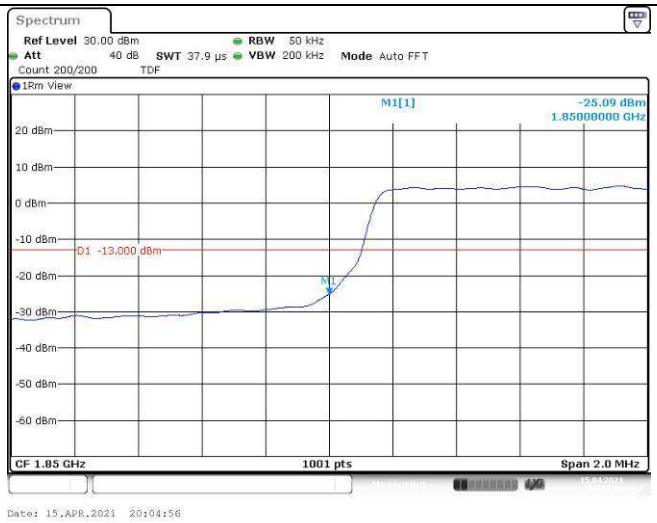


Band2-1.4MHz-16QAM-19193-6RB#0

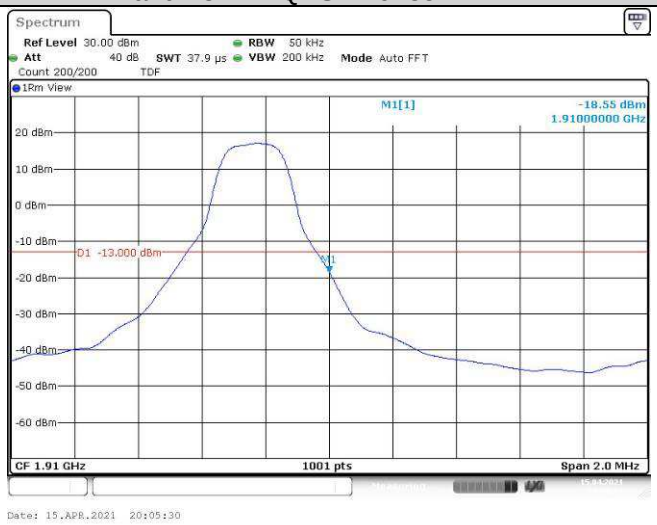
Band2-3MHz-QPSK-18615-1RB#0



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

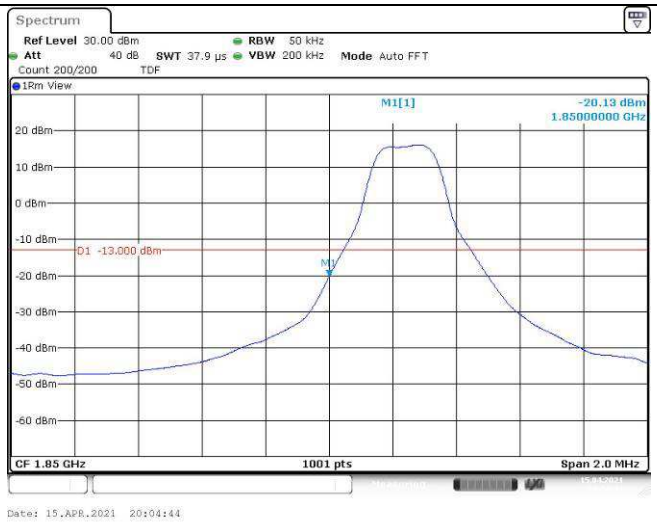


Band2-3MHz-QPSK-19185-1RB#14



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

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



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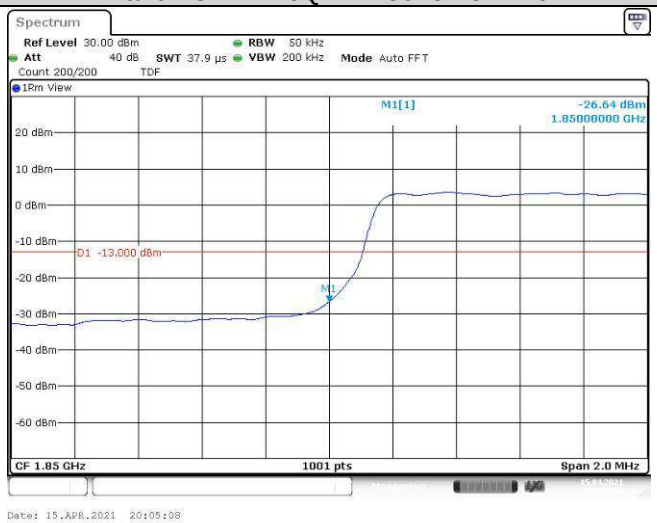

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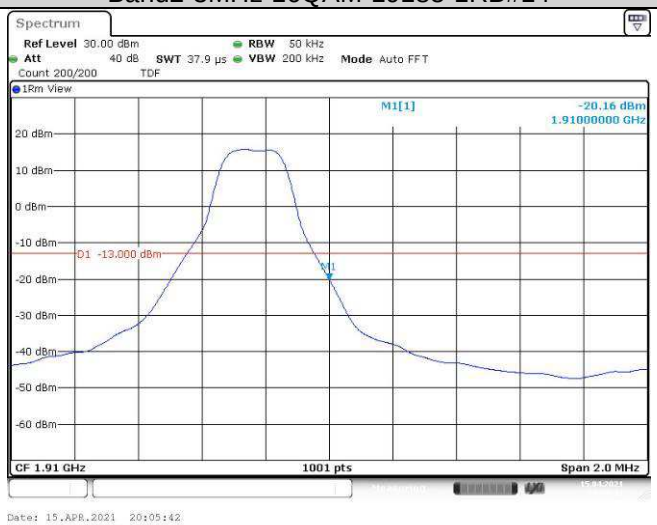
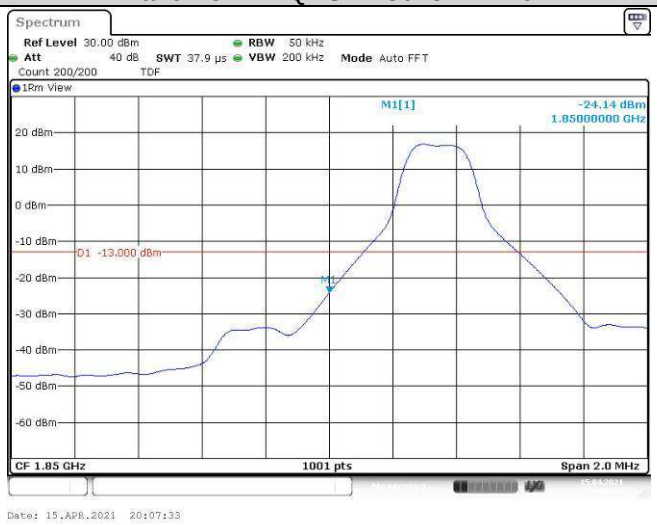
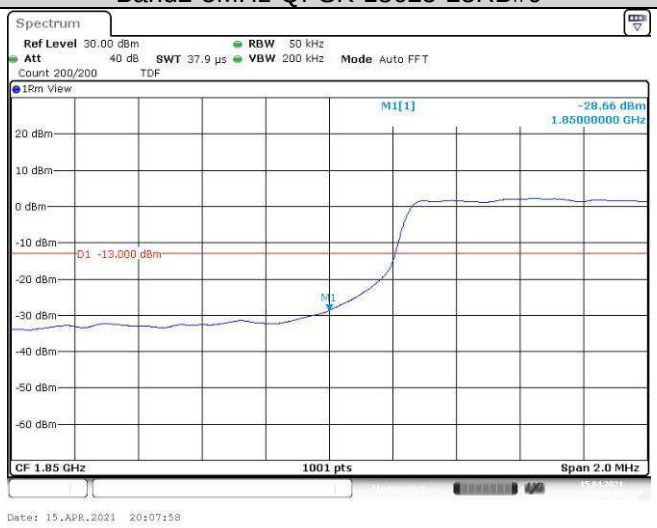


Band2-3MHz-16QAM-19185-15RB#0

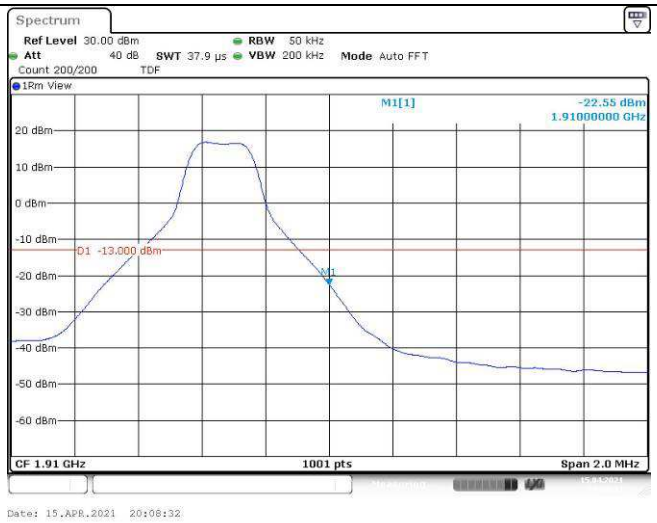
Band2-5MHz-QPSK-18625-1RB#0



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



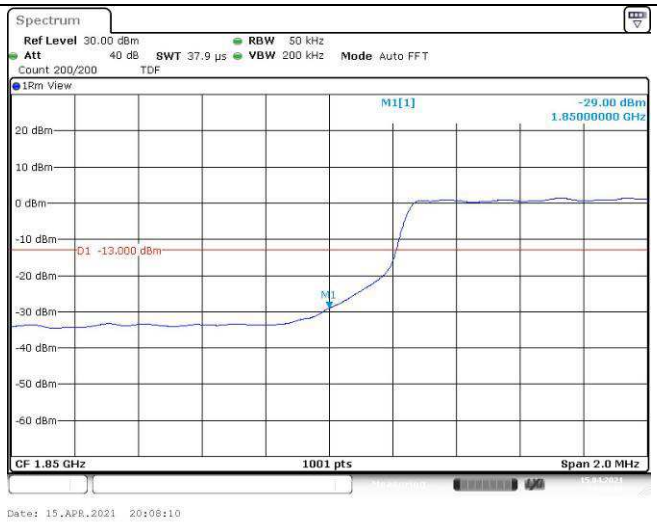
Band2-5MHz-QPSK-19175-1RB#24



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

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

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



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

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

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

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

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

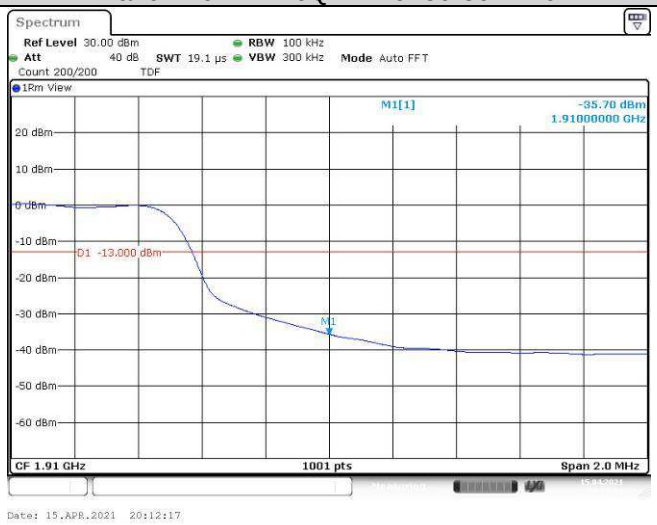
Band2-10MHz-QPSK-19150-50RB#0

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

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

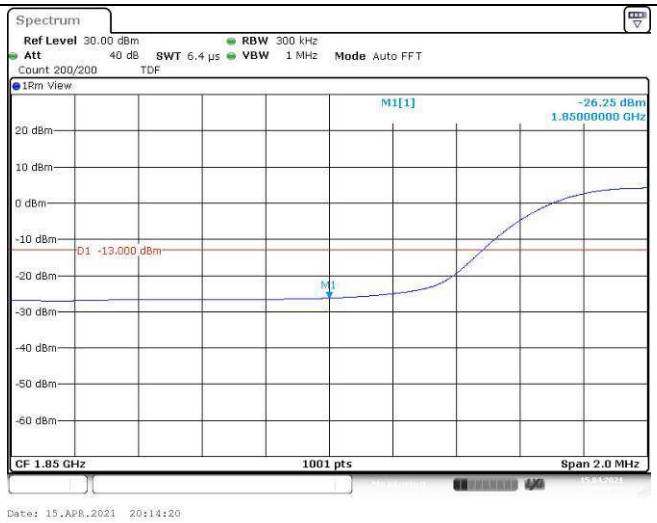
Band2-10MHz-16QAM-19150-1RB#49

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

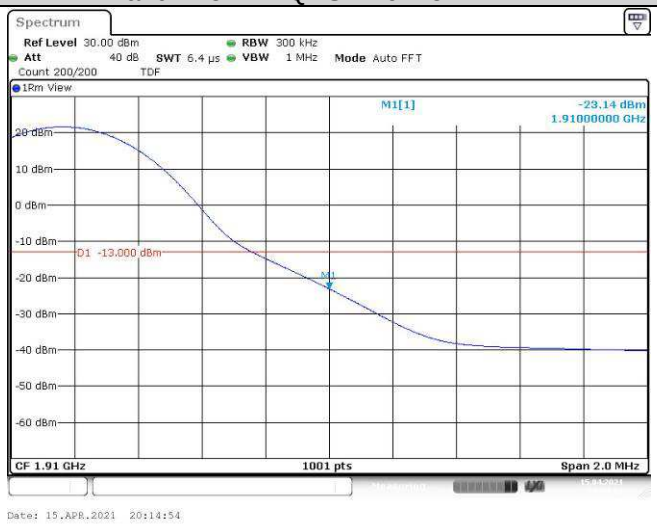


Band2-15MHz-QPSK-18675-1RB#0

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

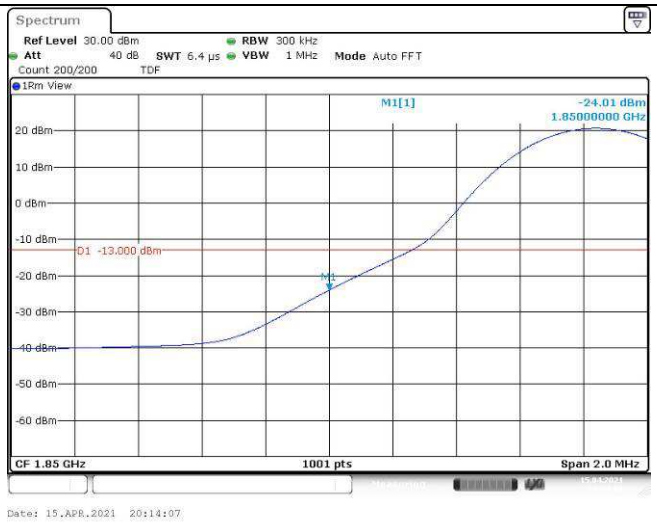


Band2-15MHz-QPSK-19125-1RB#74

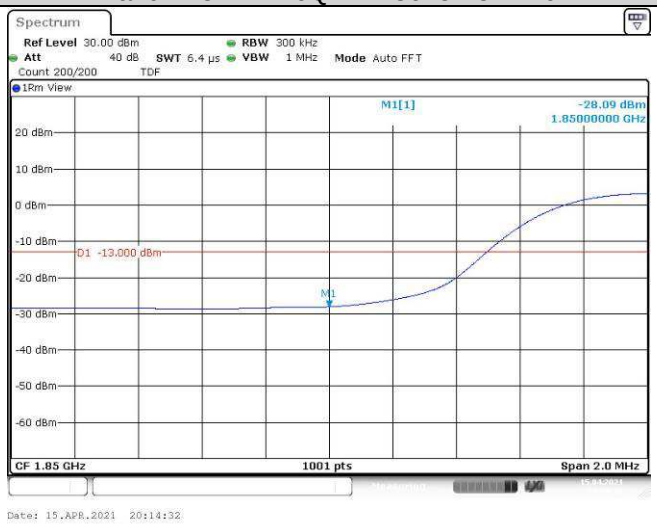


Band2-15MHz-QPSK-19125-75RB#0

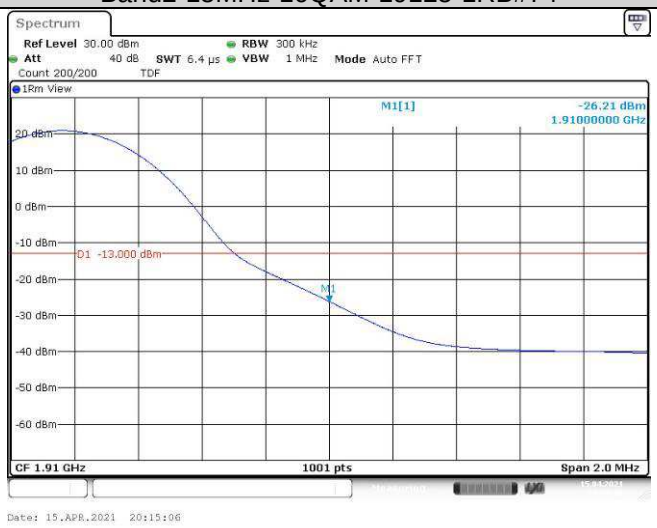
Band2-15MHz-16QAM-18675-1RB#0



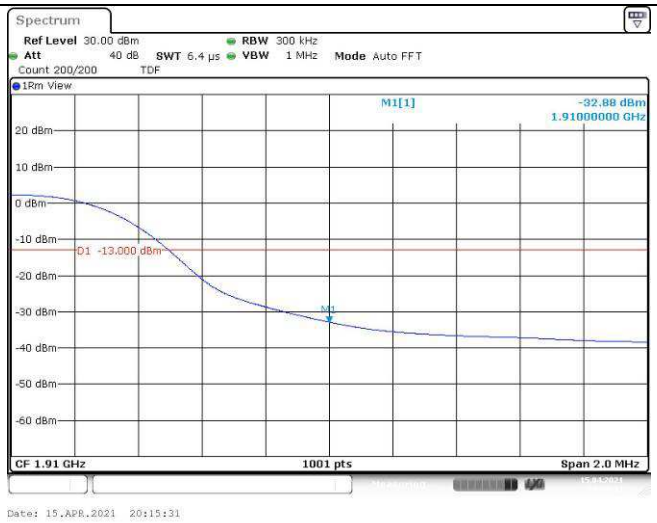
Band2-15MHz-16QAM-18675-75RB#0



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

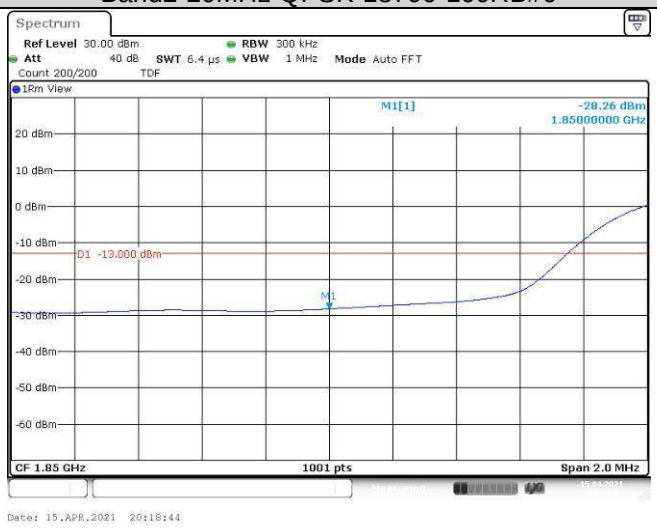


Band2-15MHz-16QAM-19125-75RB#0



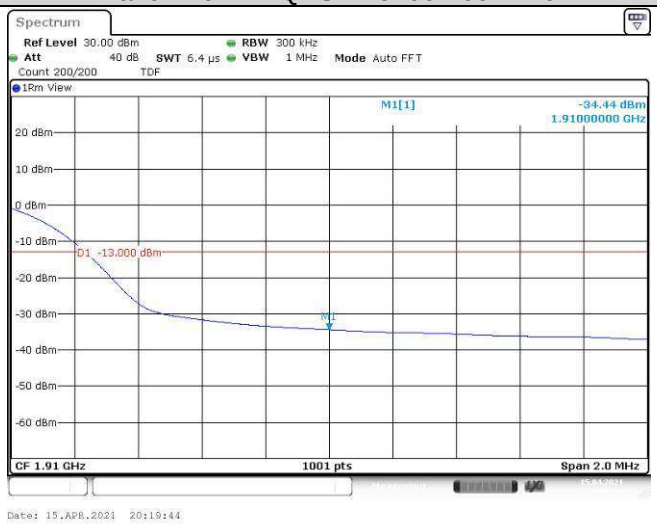
Band2-20MHz-QPSK-18700-1RB#0

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

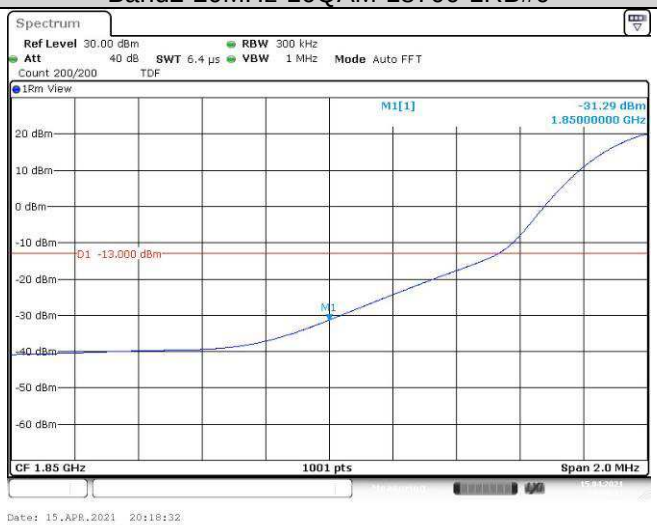


Band2-20MHz-QPSK-19100-1RB#99

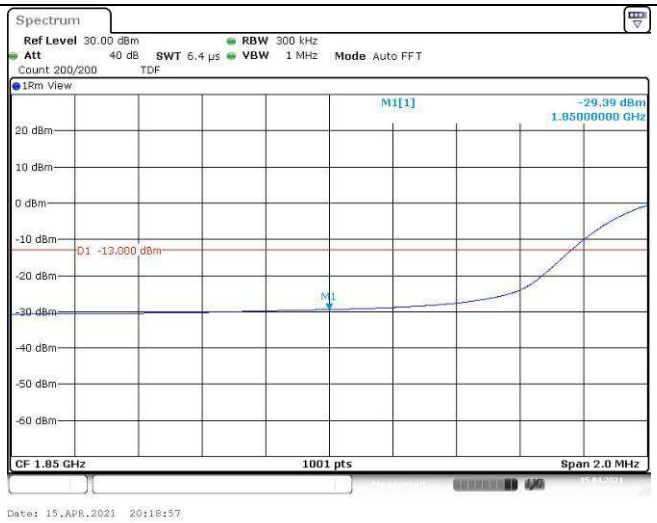
Band2-20MHz-QPSK-19100-100RB#0



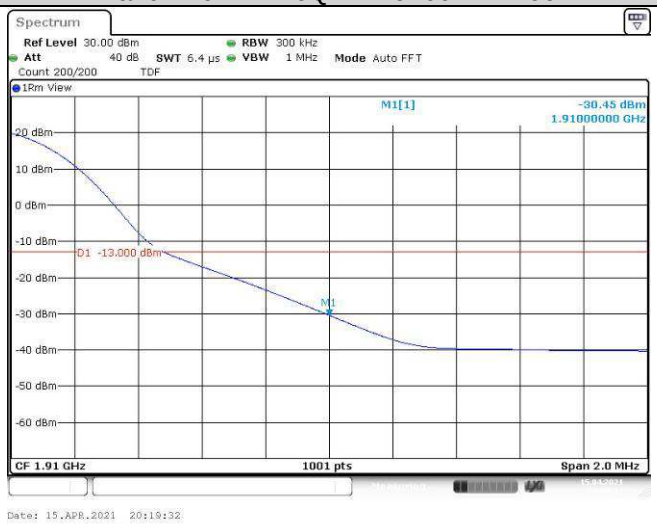
Band2-20MHz-16QAM-18700-1RB#0



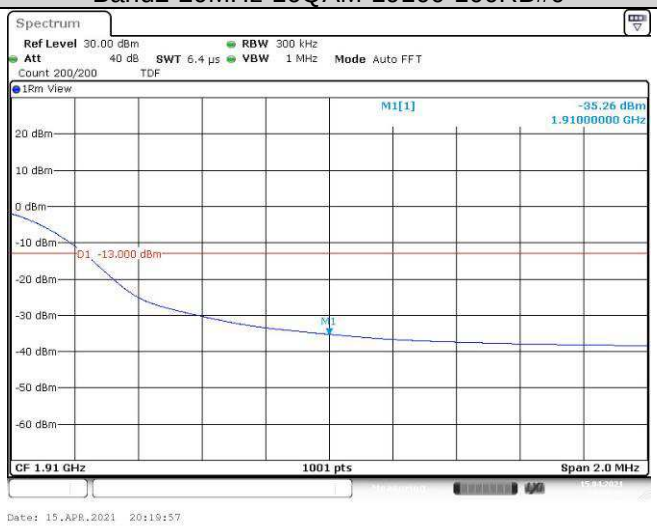
Band2-20MHz-16QAM-18700-100RB#0



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



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



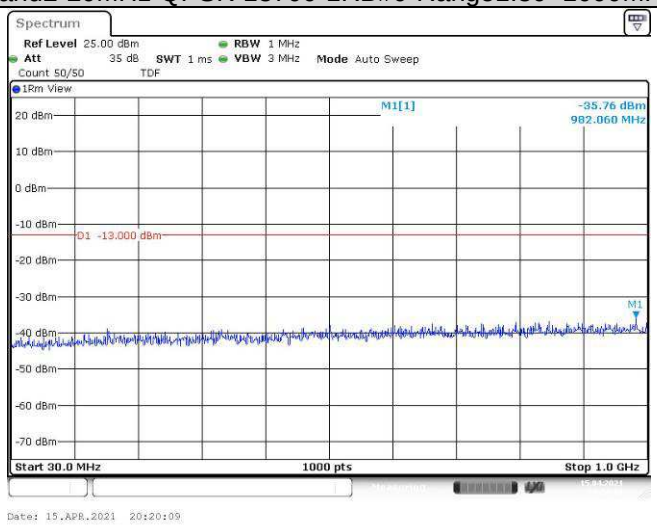
Appendix E: Conducted Spurious Emission

Test Result

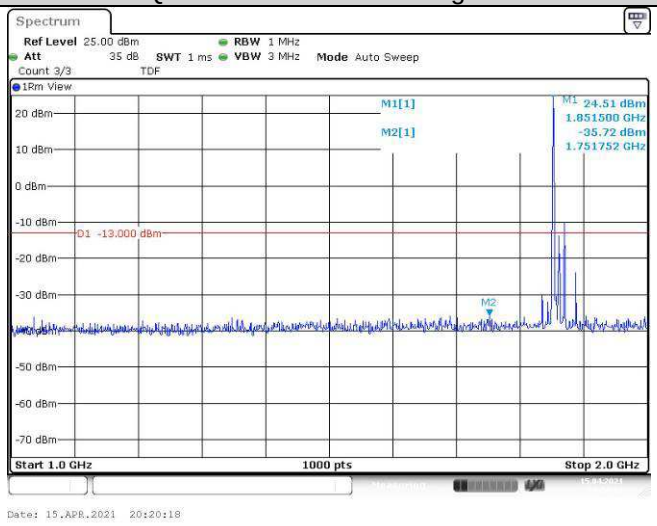
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band2	20MHz	QPSK	18700	1RB#0	Range1:30~1000MHz	-35.76	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range2:1000~2000MHz	-35.72	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range3:2000~20000MHz	-38.01	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-36.69	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range2:1000~2000MHz	-34.42	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range3:2000~20000MHz	-37.6	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range1:30~1000MHz	-36.58	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range2:1000~2000MHz	-36.26	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range3:2000~20000MHz	-38.1	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range1:30~1000MHz	-35.99	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range2:1000~2000MHz	-35.89	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range3:2000~20000MHz	-36.98	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-36.96	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range2:1000~2000MHz	-34.89	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range3:2000~20000MHz	-37.92	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range1:30~1000MHz	-36.54	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range2:1000~2000MHz	-35.85	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range3:2000~20000MHz	-36.64	PASS

Test Graphs

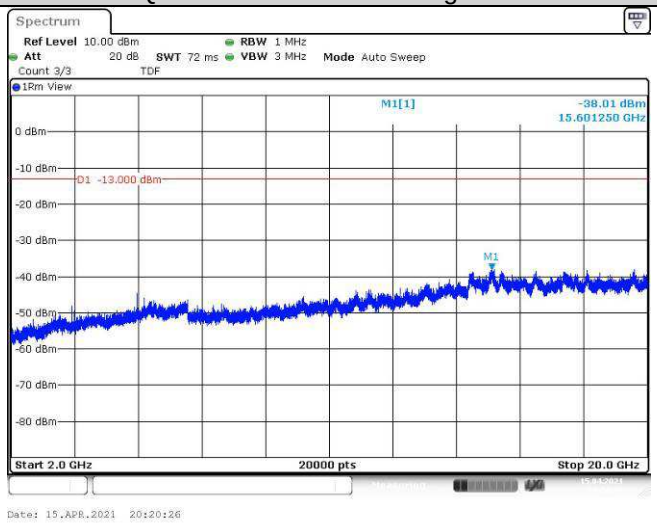
Band2-20MHz-QPSK-18700-1RB#0-Range1:30~1000MHz



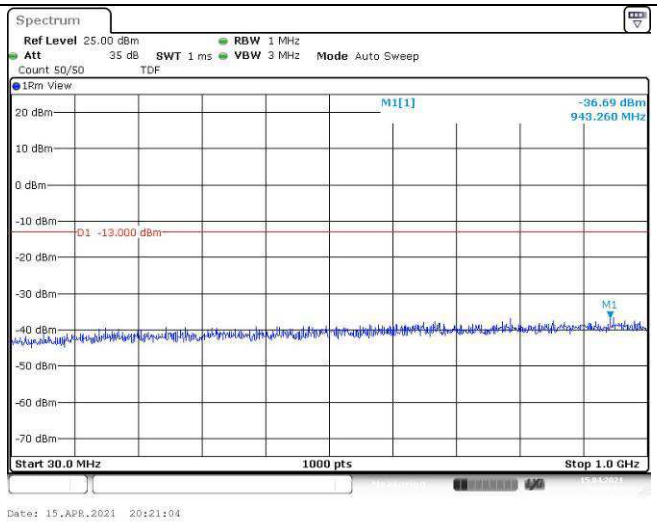
Band2-20MHz-QPSK-18700-1RB#0-Range2:1000~2000MHz



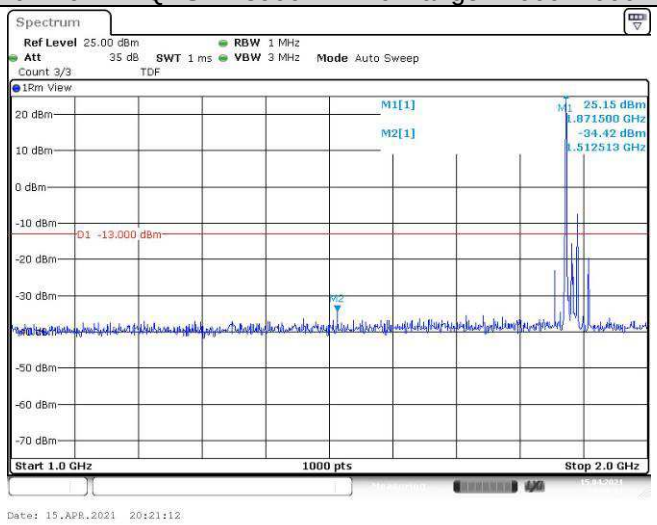
Band2-20MHz-QPSK-18700-1RB#0-Range3:2000~20000MHz



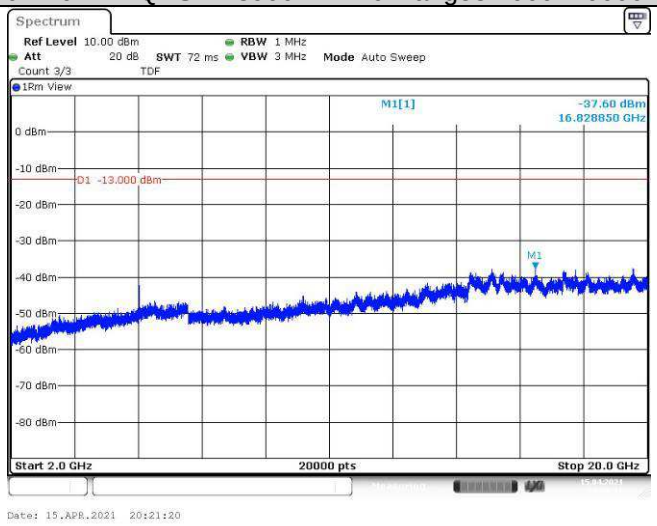
Band2-20MHz-QPSK-18900-1RB#0-Range1:30~1000MHz



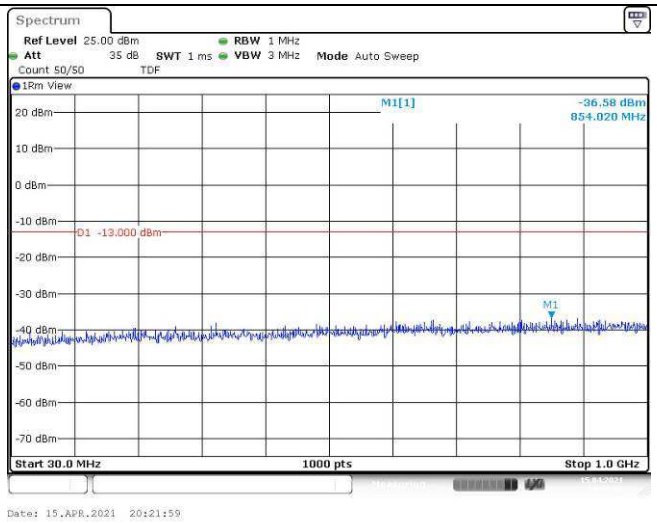
Band2-20MHz-QPSK-18900-1RB#0-Range2:1000~2000MHz



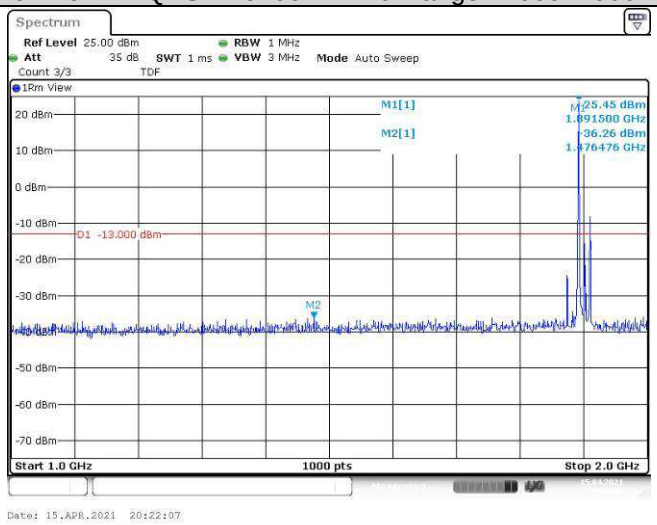
Band2-20MHz-QPSK-18900-1RB#0-Range3:2000~20000MHz



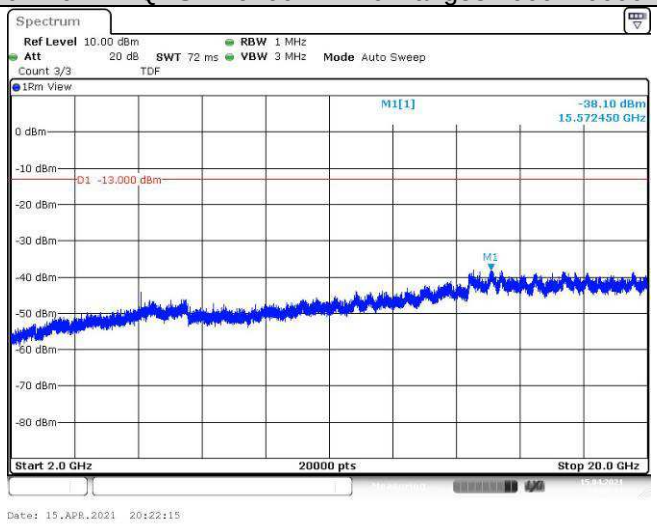
Band2-20MHz-QPSK-19100-1RB#0-Range1:30~1000MHz



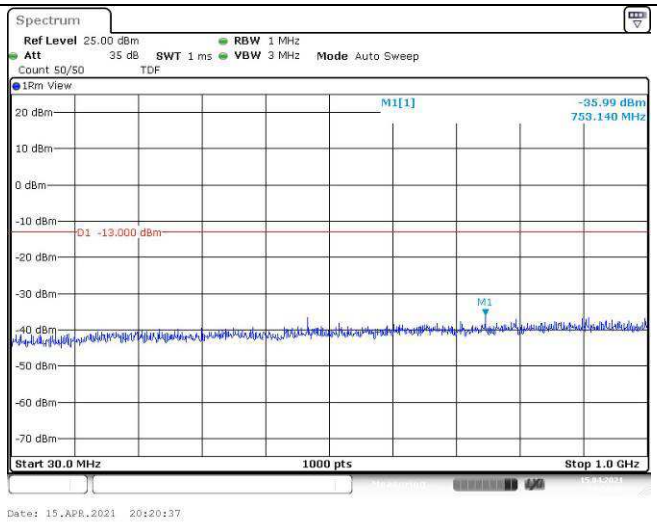
Band2-20MHz-QPSK-19100-1RB#0-Range2:1000~2000MHz



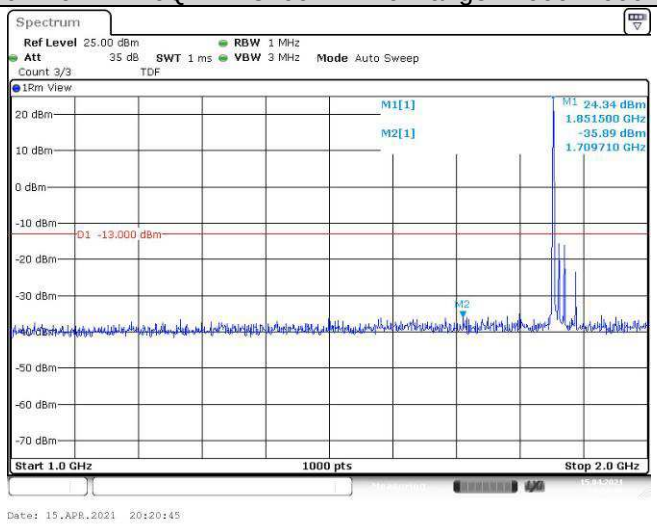
Band2-20MHz-QPSK-19100-1RB#0-Range3:2000~20000MHz



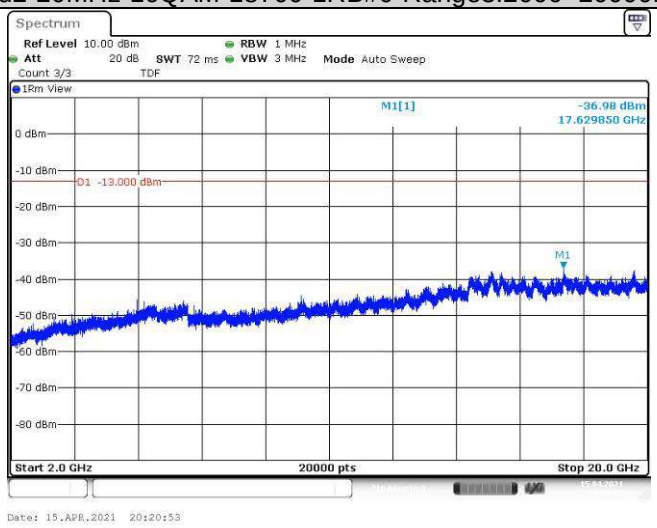
Band2-20MHz-16QAM-18700-1RB#0-Range1:30~1000MHz



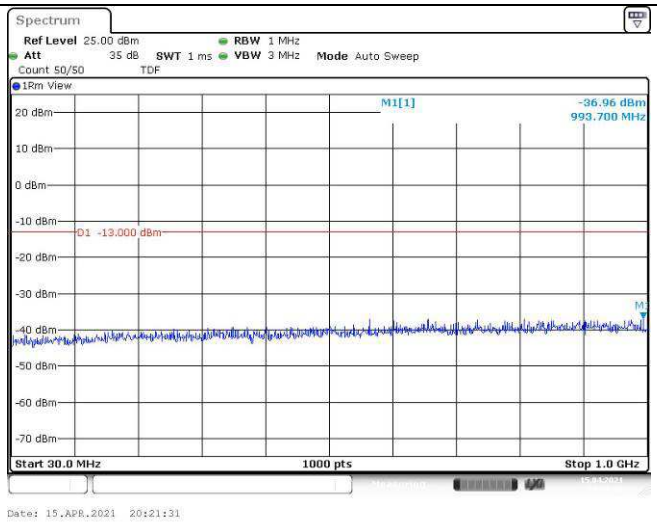
Band2-20MHz-16QAM-18700-1RB#0-Range2:1000~2000MHz



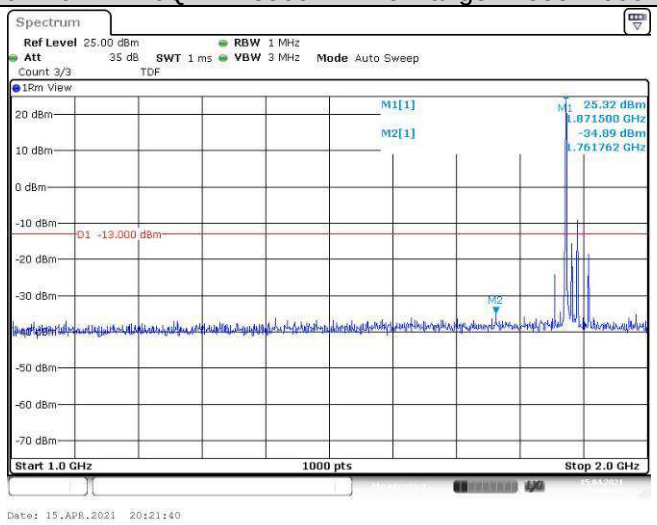
Band2-20MHz-16QAM-18700-1RB#0-Range3:2000~20000MHz



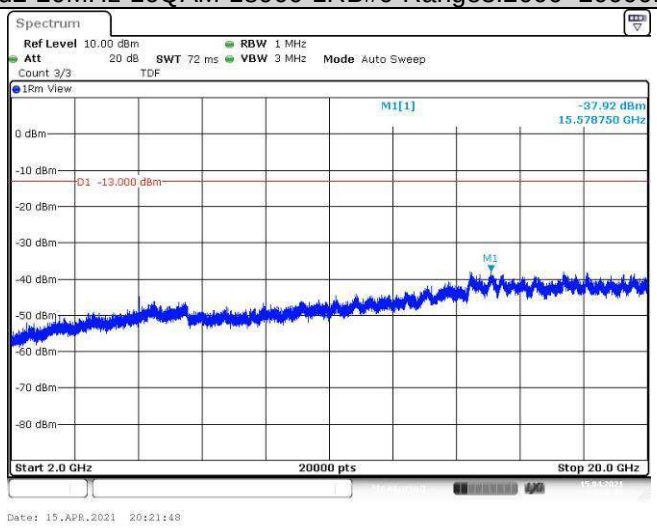
Band2-20MHz-16QAM-18900-1RB#0-Range1:30~1000MHz



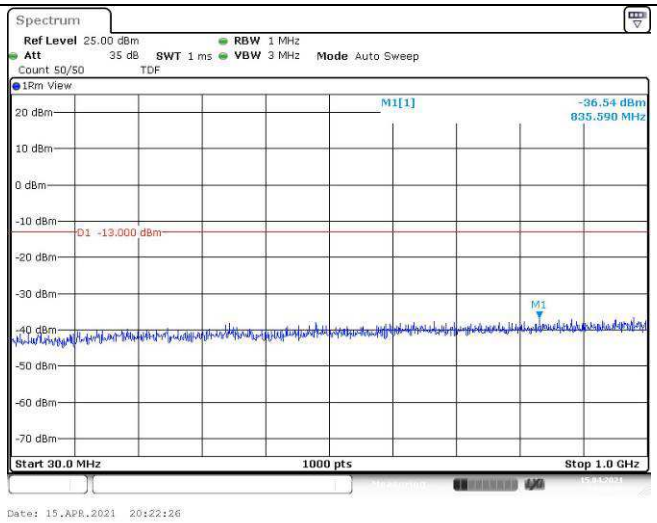
Band2-20MHz-16QAM-18900-1RB#0-Range2:1000~2000MHz



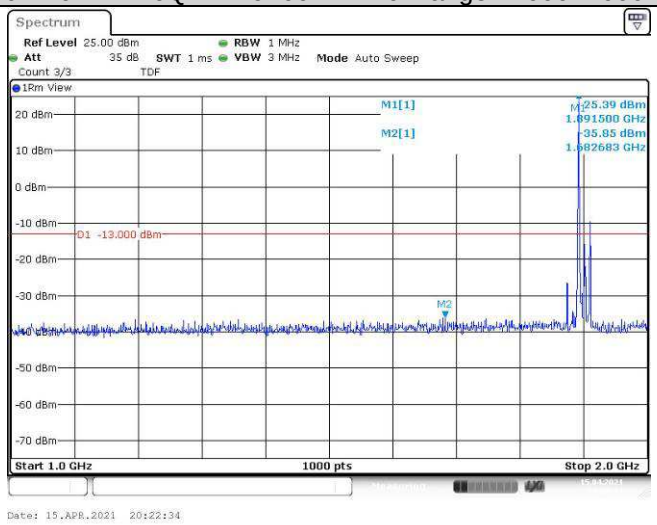
Band2-20MHz-16QAM-18900-1RB#0-Range3:2000~20000MHz



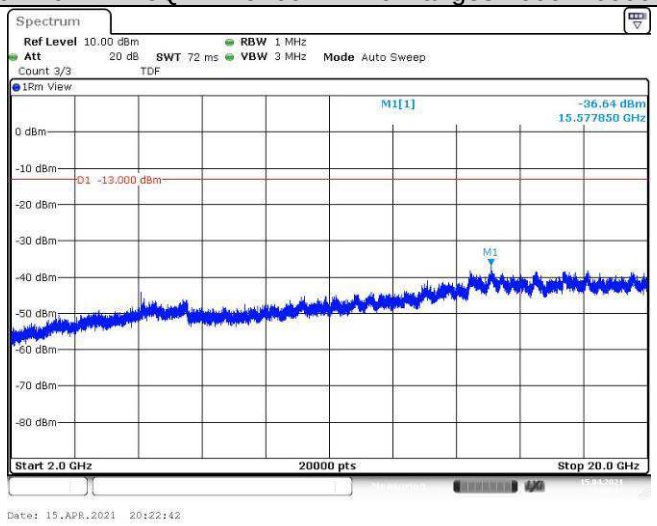
Band2-20MHz-16QAM-19100-1RB#0-Range1:30~1000MHz



Band2-20MHz-16QAM-19100-1RB#0-Range2:1000~2000MHz



Band2-20MHz-16QAM-19100-1RB#0-Range3:2000~20000MHz



Appendix F: Frequency Stability

Test Result

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	4.35	0.002339	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VN	NT	5.15	0.002769	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VH	NT	4.35	0.002339	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	-6.58	-0.003500	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	-8.18	-0.004351	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	-5.26	-0.002798	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VL	NT	-7.84	-0.004126	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VN	NT	-4.22	-0.002221	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VH	NT	-7.38	-0.003884	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VL	NT	4.92	0.002645	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VN	NT	6.74	0.003624	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VH	NT	4.11	0.002210	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VL	NT	-5.71	-0.003037	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VN	NT	-6.07	-0.003229	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VH	NT	-6.37	-0.003388	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VL	NT	-3.49	-0.001837	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VN	NT	-2.92	-0.001537	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VH	NT	-4.63	-0.002437	±2.5	PASS

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	-10	2.29	0.001231	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	0	3.15	0.001694	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	10	4.56	0.002452	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	20	4.28	0.002301	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	30	4.09	0.002199	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	40	6.59	0.003543	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	50	2.85	0.001532	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	60	3.96	0.002129	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	65	3.91	0.002102	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	-7.55	-0.004016	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	-5.21	-0.002771	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	-8.27	-0.004399	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	-5.11	-0.002718	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	-6.64	-0.003532	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	-7.64	-0.004064	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	-6.27	-0.003335	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	60	-6.62	-0.003521	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	65	-4.79	-0.002548	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-10	-4.48	-0.002358	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	0	-3.82	-0.002011	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	10	-4.28	-0.002253	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	20	-5.94	-0.003126	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	30	-5.98	-0.003147	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	40	-5.62	-0.002958	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	50	-4.84	-0.002547	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	60	-7.65	-0.004026	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	65	-5.25	-0.002763	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-10	5.94	0.003194	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	0	5.19	0.002790	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	10	4.51	0.002425	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	20	4.28	0.002301	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	30	3.45	0.001855	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	40	4.82	0.002591	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	50	5.64	0.003032	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	60	2.72	0.001462	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	65	4.66	0.002505	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-10	-4.69	-0.002495	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	0	-5.46	-0.002904	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	10	-4.09	-0.002176	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	20	-5.22	-0.002777	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	30	-6.44	-0.003426	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	40	-7.45	-0.003963	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	50	-6.42	-0.003415	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	60	-6.75	-0.003590	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	65	-3.96	-0.002106	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-10	-3.86	-0.002032	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	0	-6.37	-0.003353	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	10	-4.84	-0.002547	±2.5	PASS

Band2	20MHz	16QAM	19100	100RB#0	NV	20	-6.02	-0.003168	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	30	-6.02	-0.003168	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	40	-4.69	-0.002468	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	50	-3.53	-0.001858	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	60	-4.84	-0.002547	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	65	3.53	0.001858	±2.5	PASS