

## Appendix test data for LTE band 2

Temperature:	25 ° C
Humidity:	44 %
Atmospheric pressure:	950-1050mbar
Test Engineer:	Aaron Tan

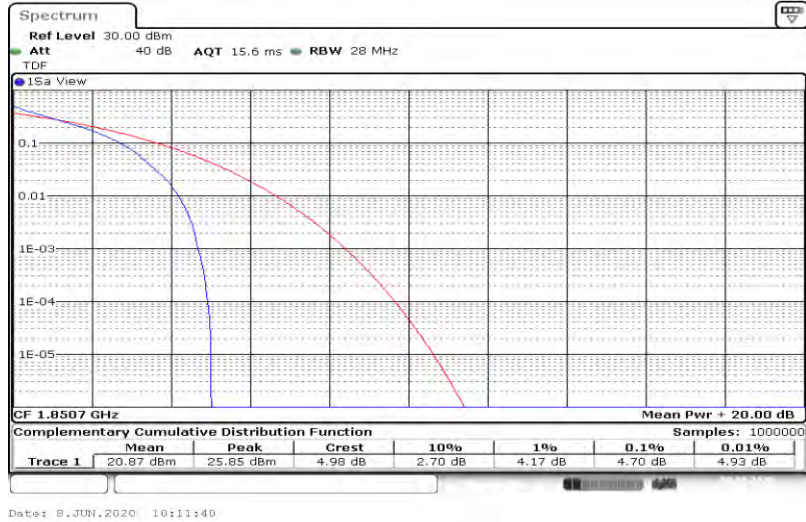
## Appendix B: Peak-to-Average Ratio(CCDF)

### Test Result

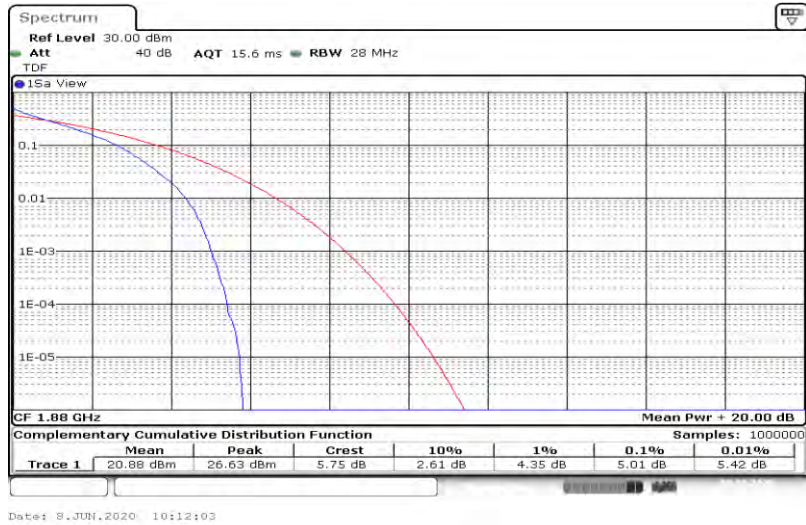
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	4.70	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	5.01	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	4.96	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	5.59	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	5.88	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	5.88	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	4.70	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	5.07	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	5.04	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	5.65	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	5.97	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	5.91	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.58	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.01	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.99	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	5.48	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	5.88	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	5.83	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	4.55	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	4.90	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	4.90	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	5.39	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	5.80	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	5.77	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	4.72	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.07	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	5.04	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	5.62	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	5.86	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	5.83	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	4.58	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	4.87	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	4.75	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	5.54	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	5.77	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	5.71	13	PASS

# Test Graphs

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



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



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



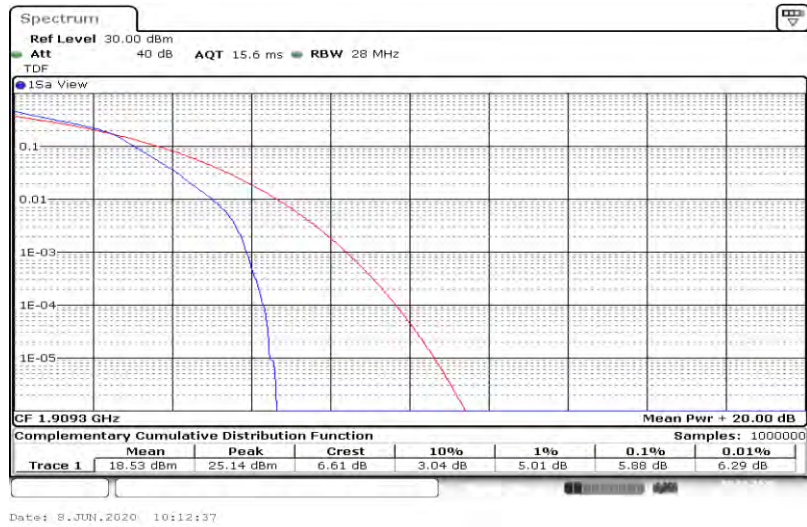
Band2-1.4MHz-16QAM-18607-6RB#0



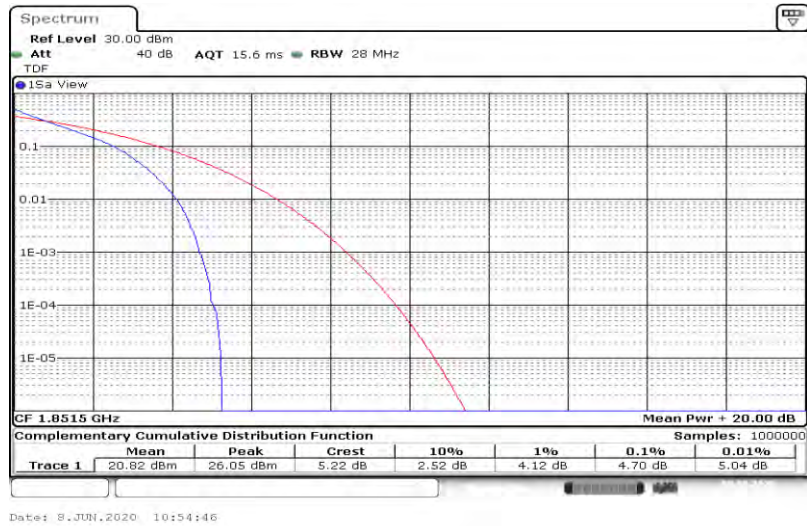
Band2-1.4MHz-16QAM-18900-6RB#0



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



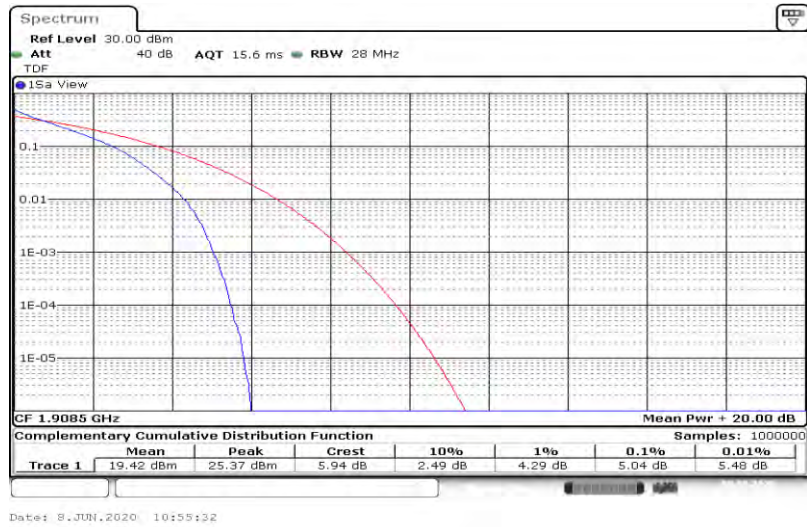
Band2-3MHz-QPSK-18615-15RB#0



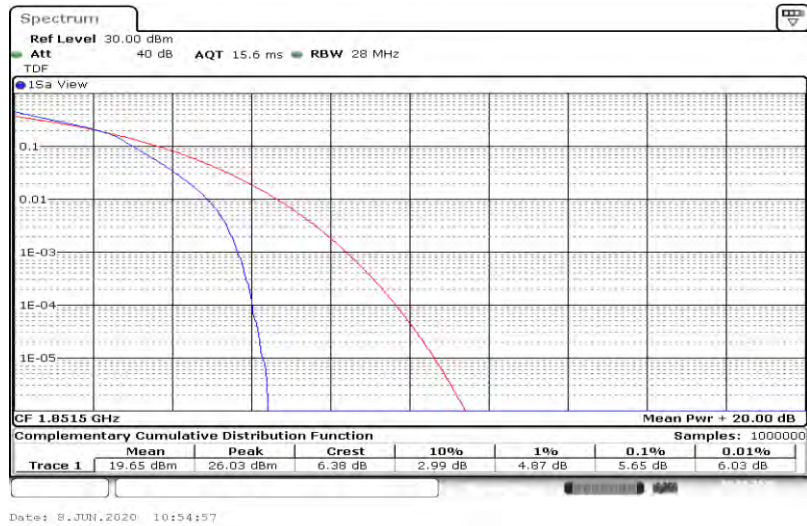
Band2-3MHz-QPSK-18900-15RB#0



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



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



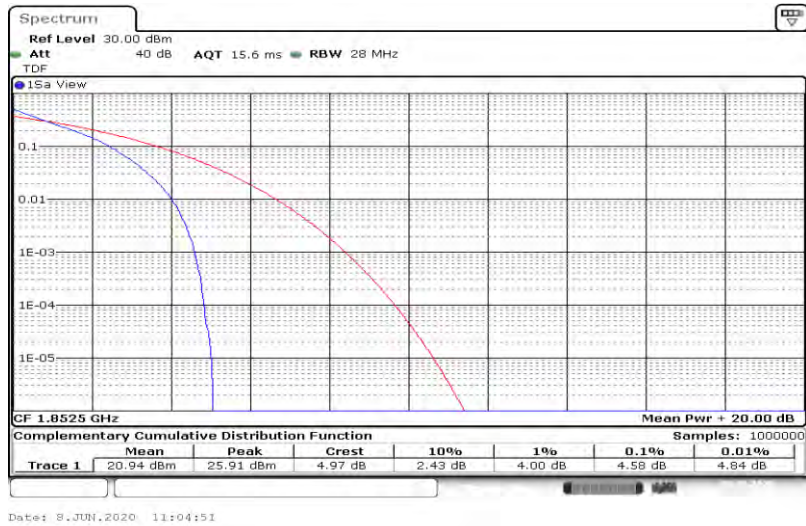
Band2-3MHz-16QAM-18900-15RB#0



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



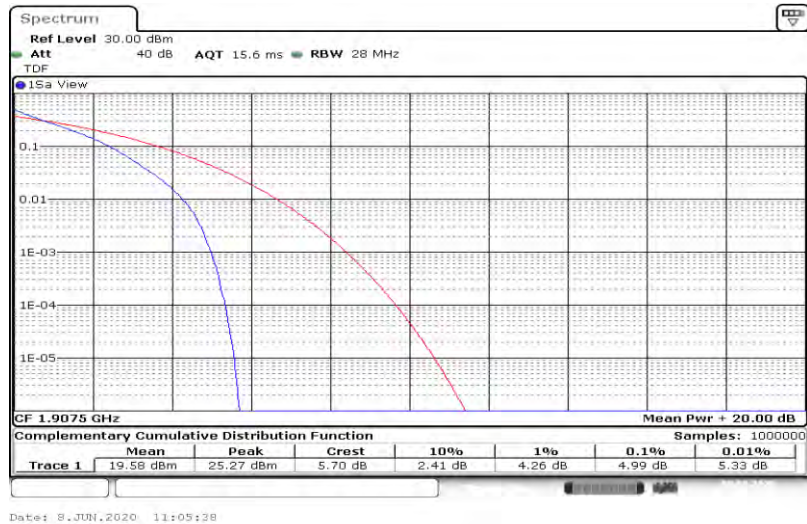
Band2-5MHz-QPSK-18625-25RB#0



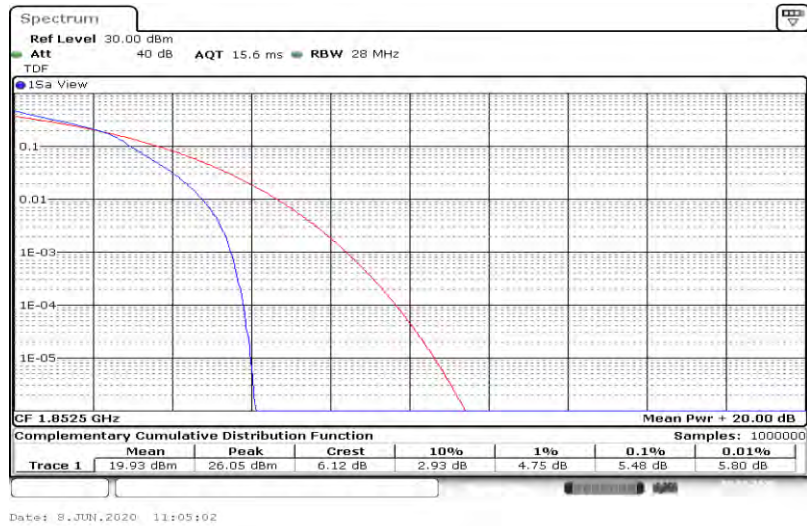
Band2-5MHz-QPSK-18900-25RB#0



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



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

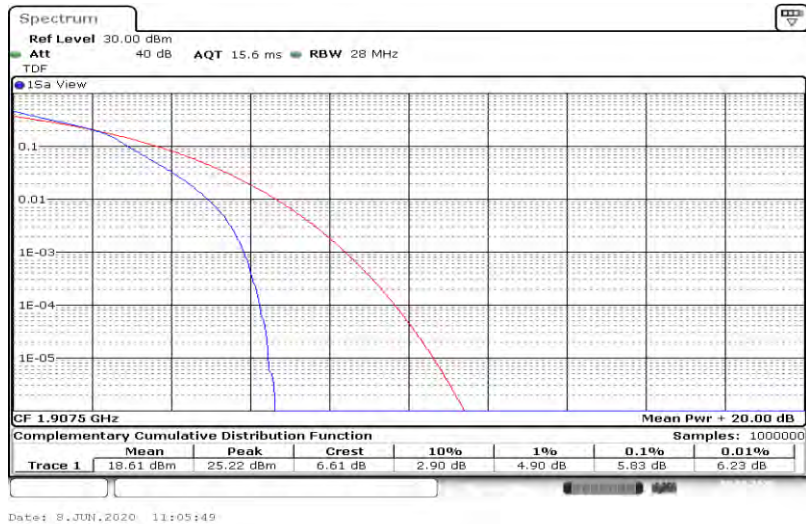


Band2-5MHz-16QAM-18900-25RB#0

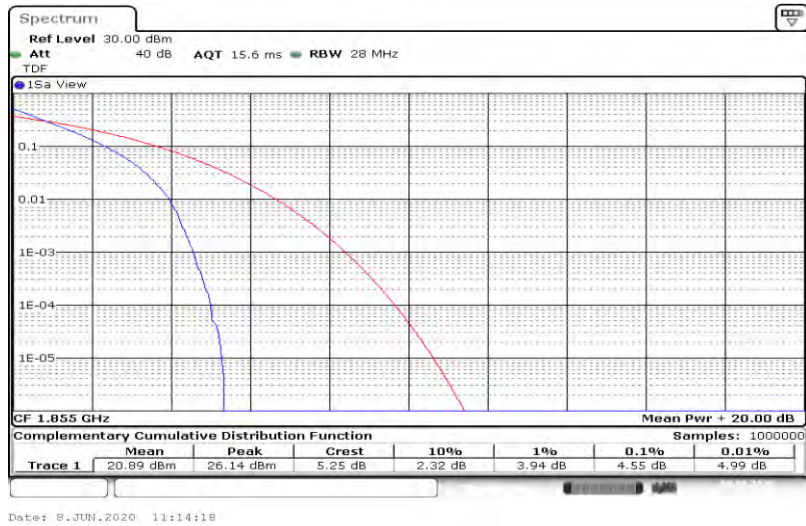


Band2-5MHz-16QAM-19175-25RB#0





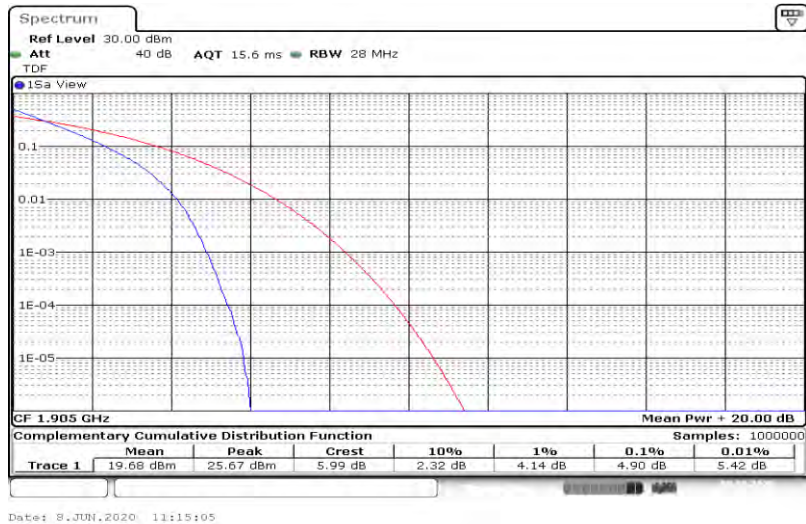
Band2-10MHz-QPSK-18650-50RB#0



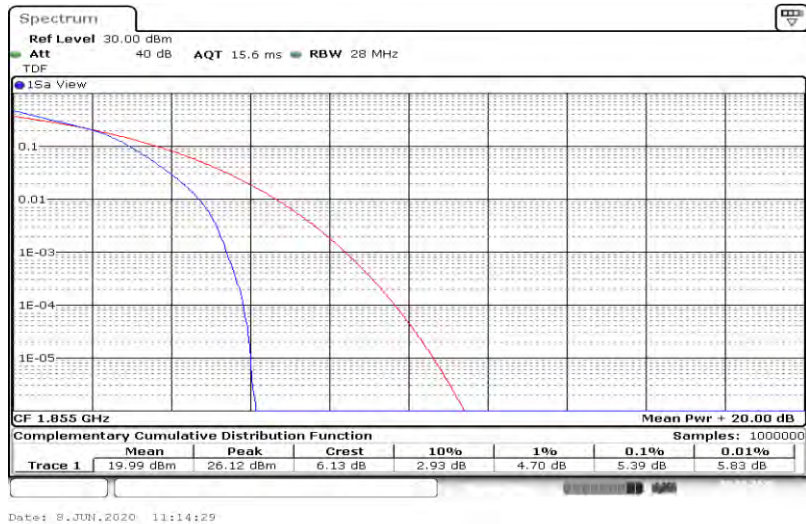
Band2-10MHz-QPSK-18900-50RB#0



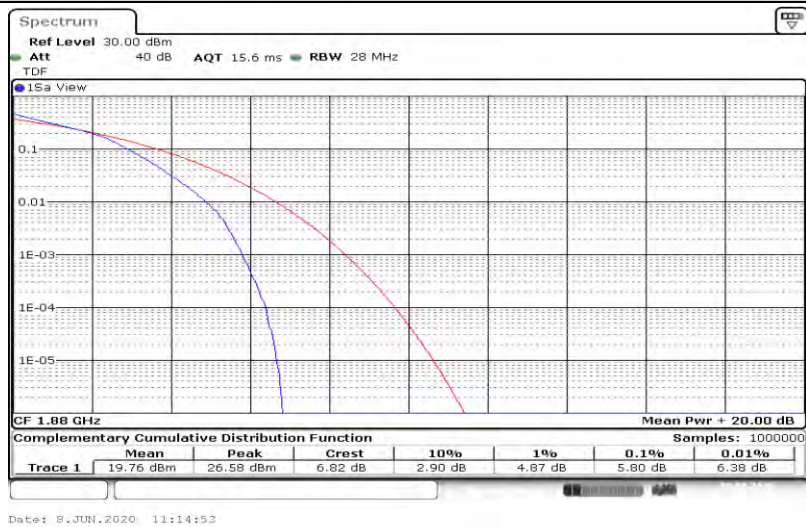
Band2-10MHz-QPSK-19150-50RB#0



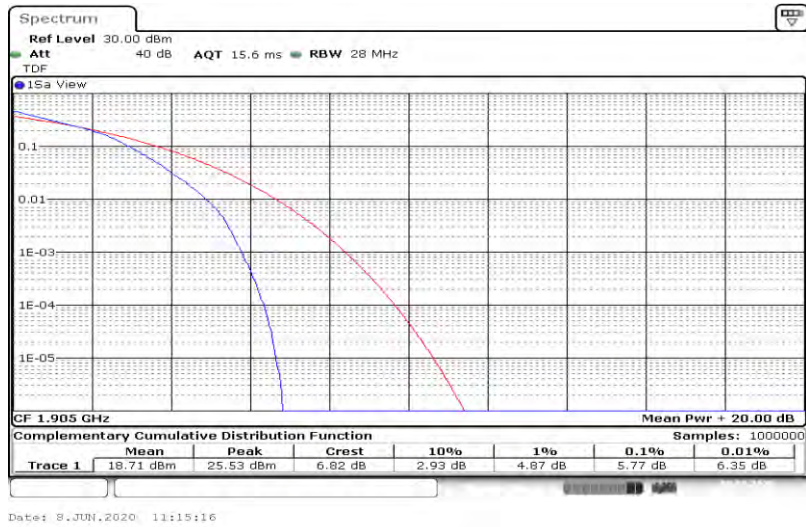
Band2-10MHz-16QAM-18650-50RB#0



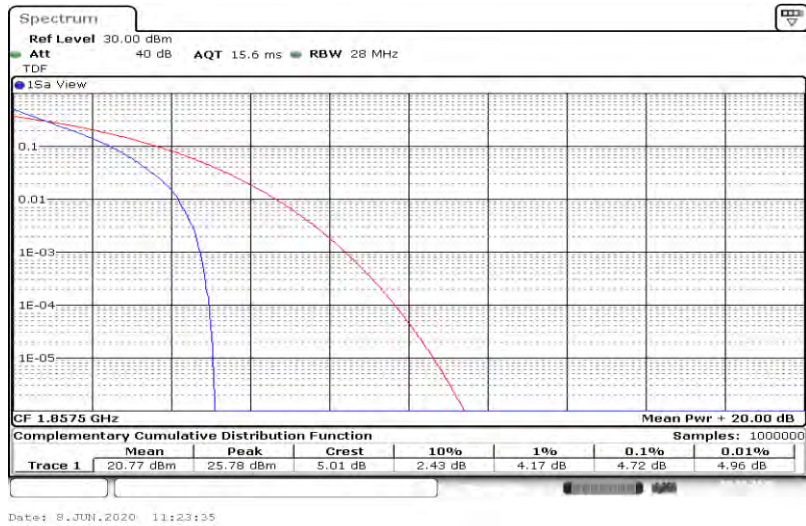
Band2-10MHz-16QAM-18900-50RB#0



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



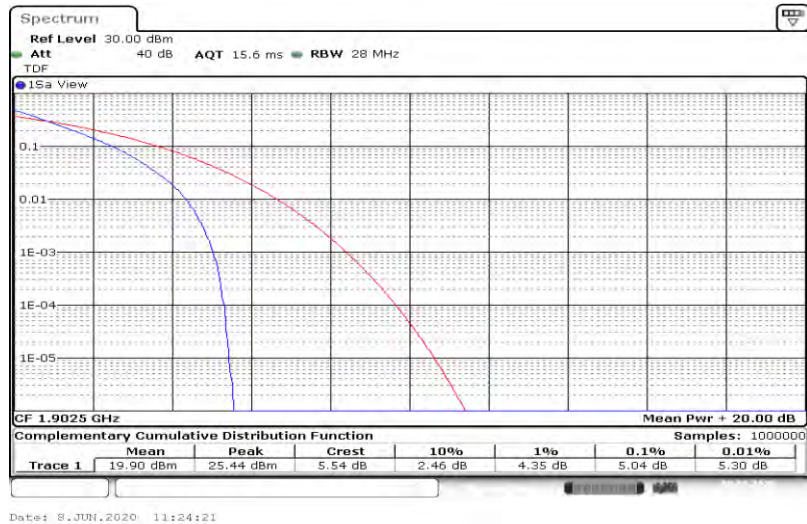
Band2-15MHz-QPSK-18675-75RB#0



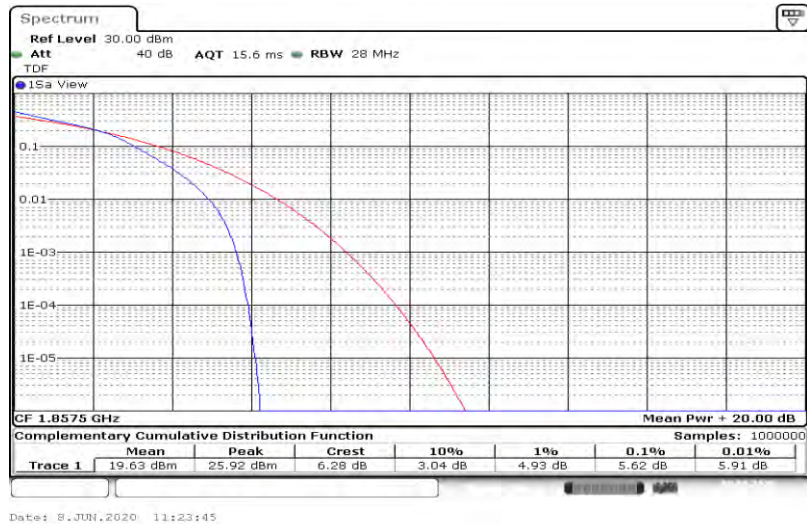
Band2-15MHz-QPSK-18900-75RB#0



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



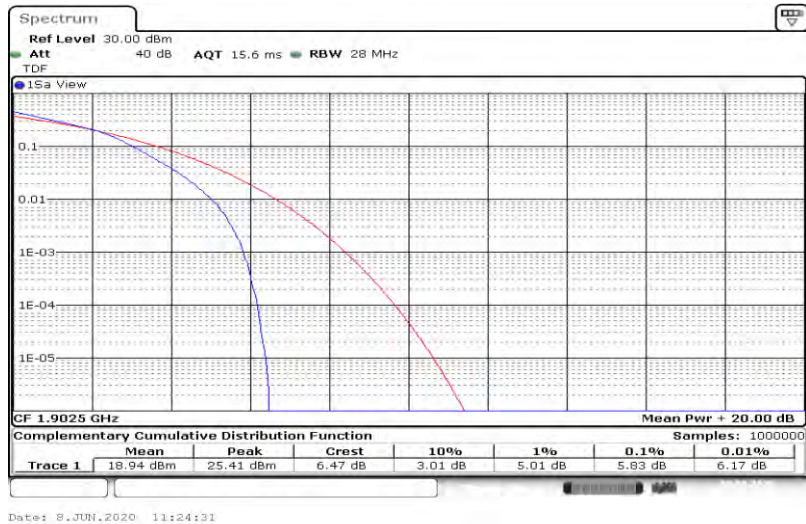
Band2-15MHz-16QAM-18675-75RB#0



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



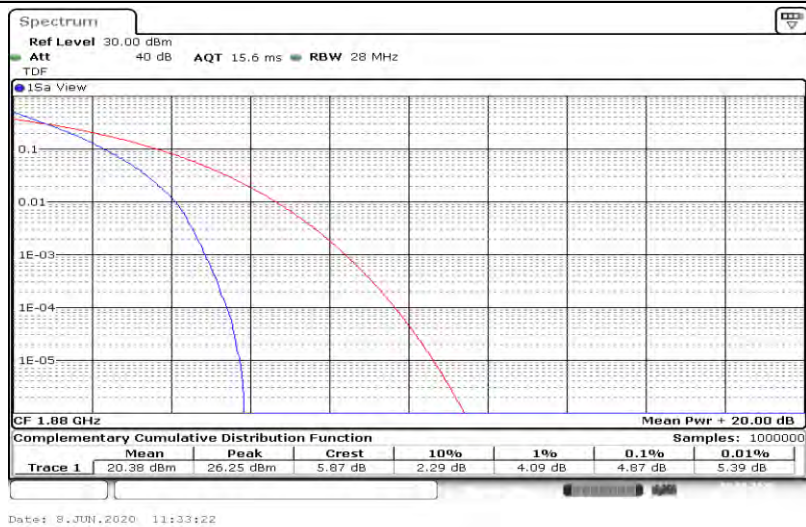
Band2-15MHz-16QAM-19125-75RB#0



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



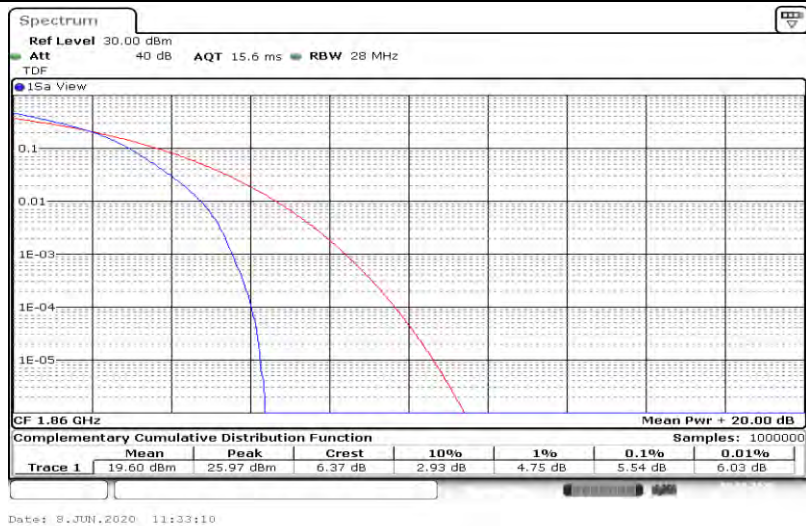
Band2-20MHz-QPSK-18900-100RB#0



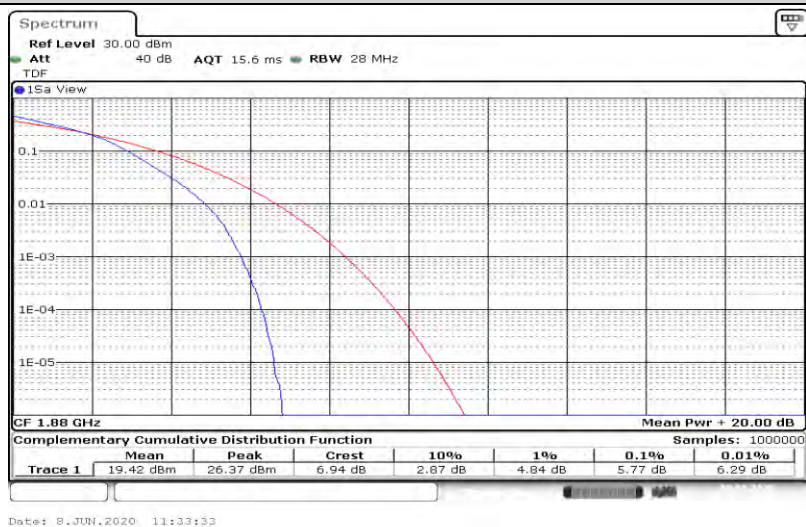
Band2-20MHz-QPSK-19100-100RB#0



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

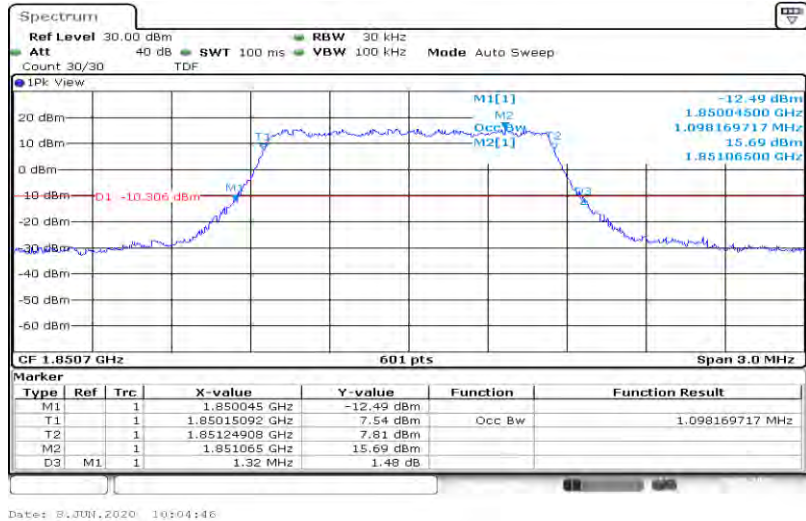
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.098	1.320	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.093	1.325	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.093	1.330	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.098	1.310	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.103	1.320	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.103	1.315	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.715	2.970	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.715	2.980	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.705	2.980	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.696	3.020	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.696	3.010	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.705	3.010	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.515	5.040	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.525	5.070	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.515	5.060	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.515	5.030	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.515	5.040	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.515	5.030	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.952	10.000	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.985	10.067	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.985	10.000	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.952	9.900	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.985	9.933	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.985	9.933	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.478	14.950	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.527	14.950	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.527	14.950	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.478	14.900	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.478	14.850	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.478	14.800	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.97	19.867	PASS
Band2	20MHz	QPSK	18900	100RB#0	18.037	20.000	PASS
Band2	20MHz	QPSK	19100	100RB#0	18.037	19.867	PASS



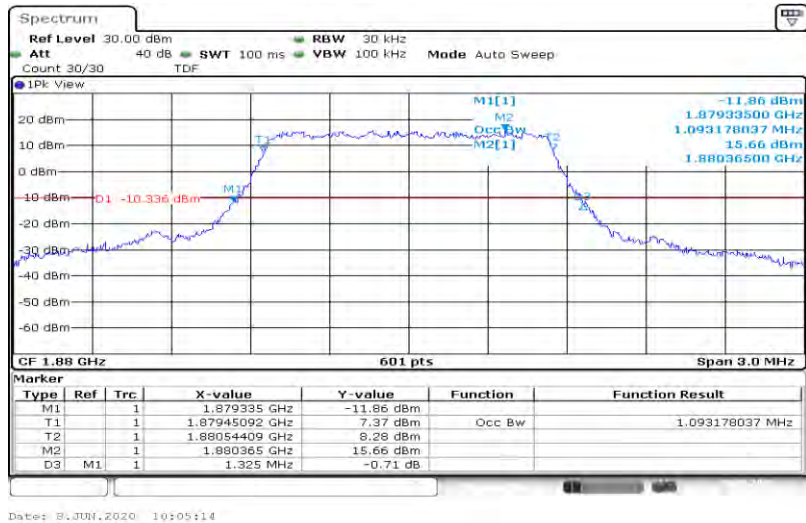
Band2	20MHz	16QAM	18700	100RB#0	18.037	19.800	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.97	19.867	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.97	19.867	PASS

# Test Graphs

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



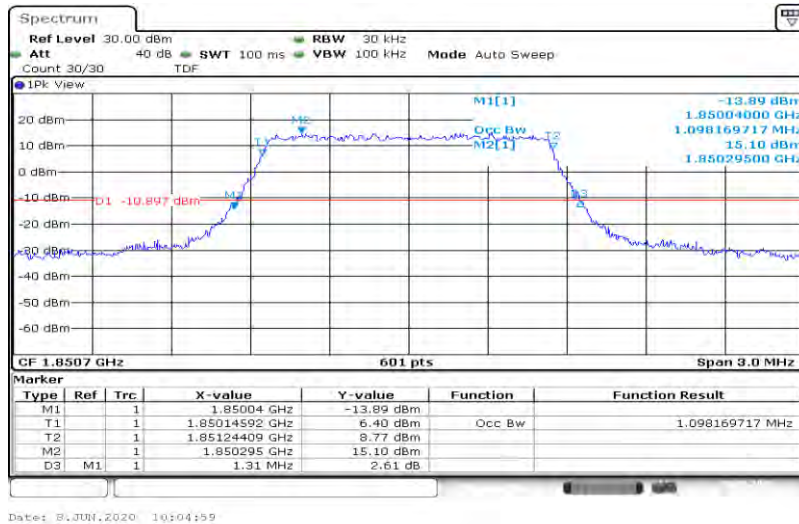
Band2-1.4MHz-QPSK-18900-6RB#0-1.093



Band2-1.4MHz-QPSK-19193-6RB#0-1.093



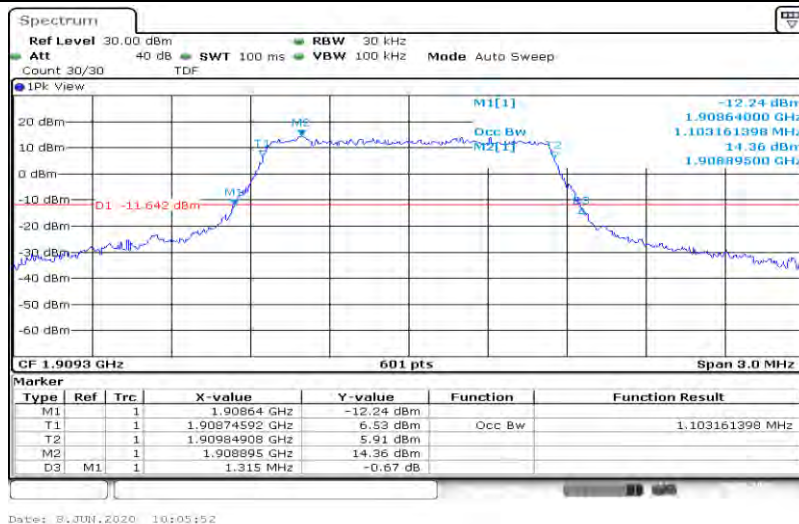
Band2-1.4MHz-16QAM-18607-6RB#0-1.098



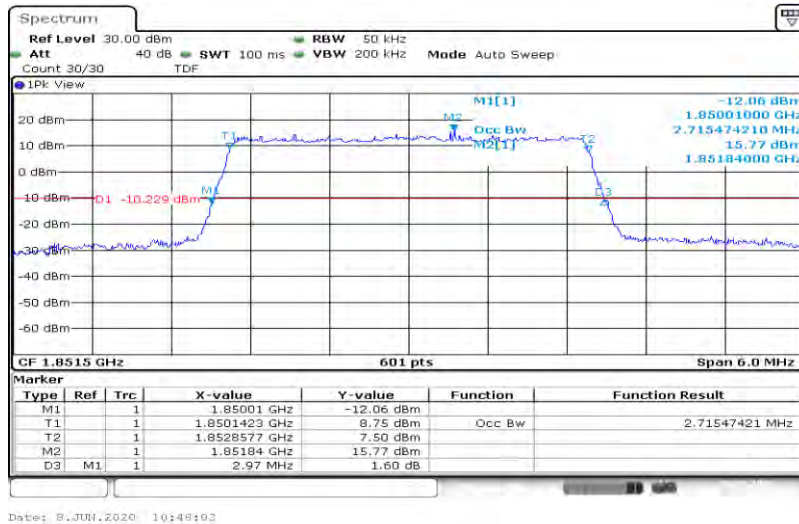
Band2-1.4MHz-16QAM-18900-6RB#0-1.103



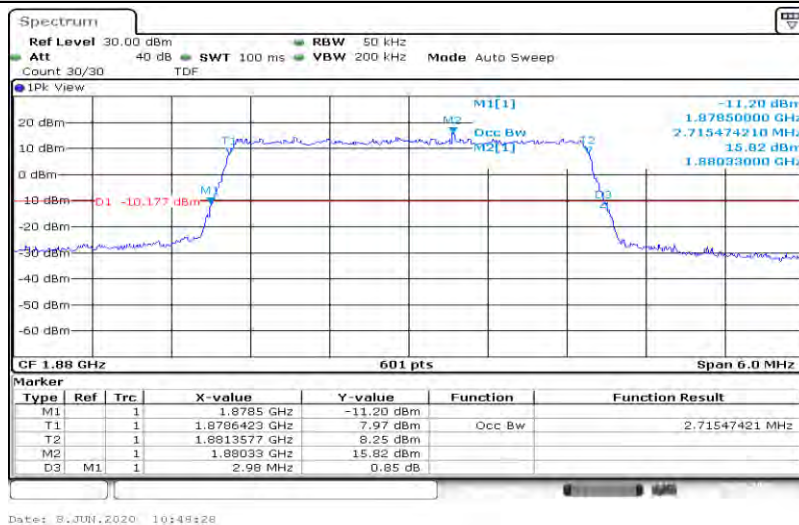
Band2-1.4MHz-16QAM-19193-6RB#0-1.103



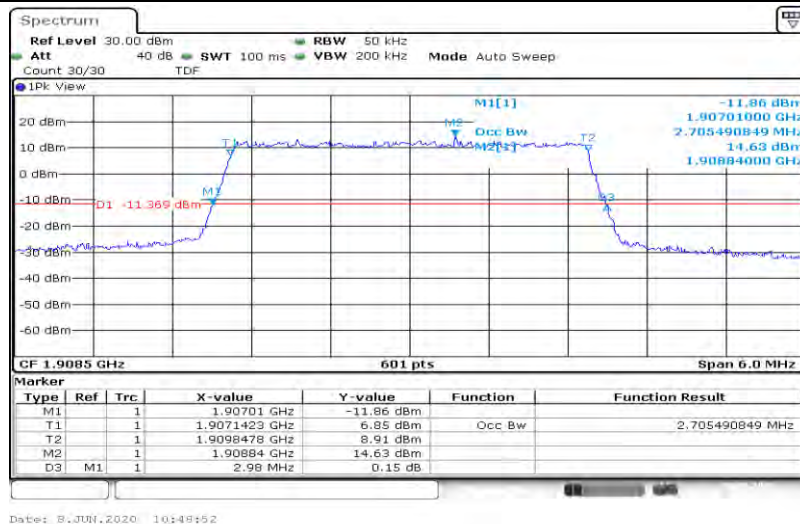
Band2-3MHz-QPSK-18615-15RB#0-2.715



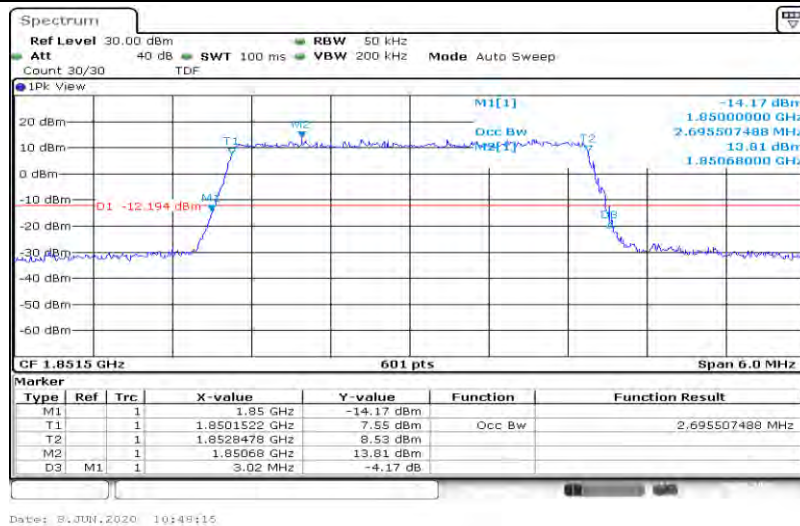
Band2-3MHz-QPSK-18900-15RB#0-2.715



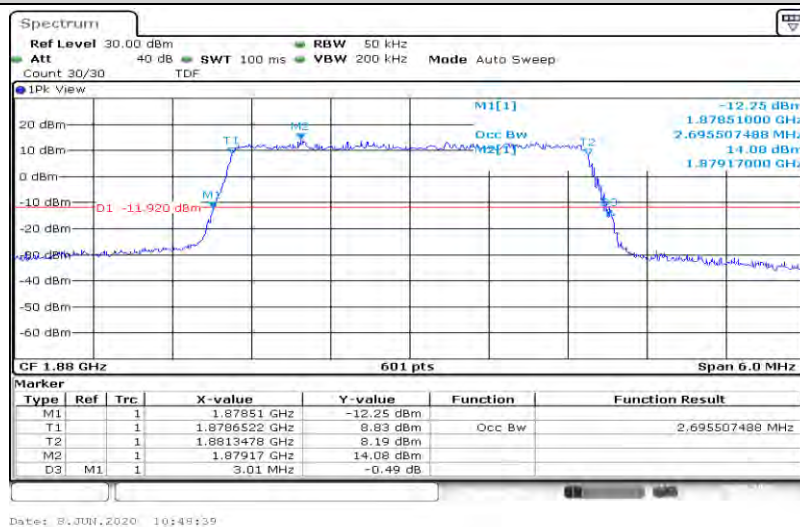
Band2-3MHz-QPSK-19185-15RB#0-2.705



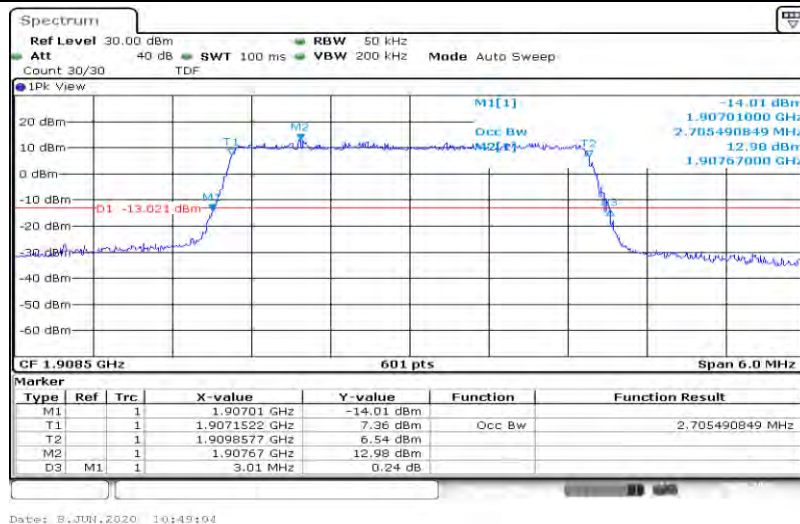
Band2-3MHz-16QAM-18615-15RB#0-2.696



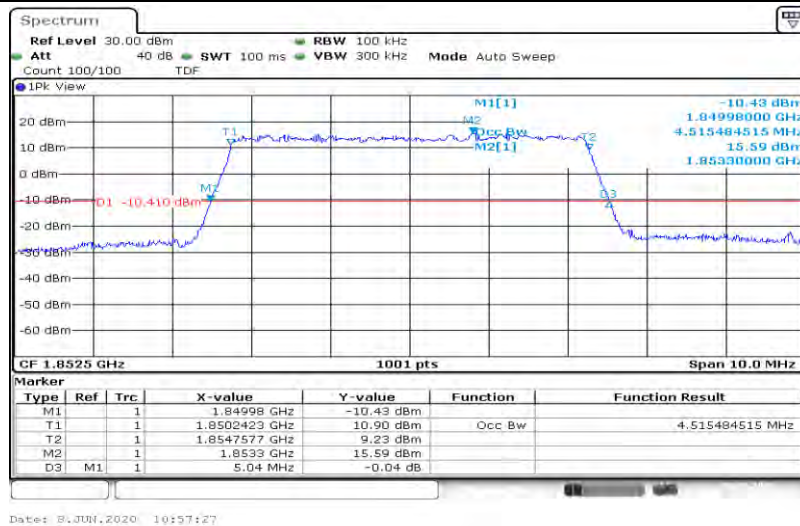
Band2-3MHz-16QAM-18900-15RB#0-2.696



Band2-3MHz-16QAM-19185-15RB#0-2.705



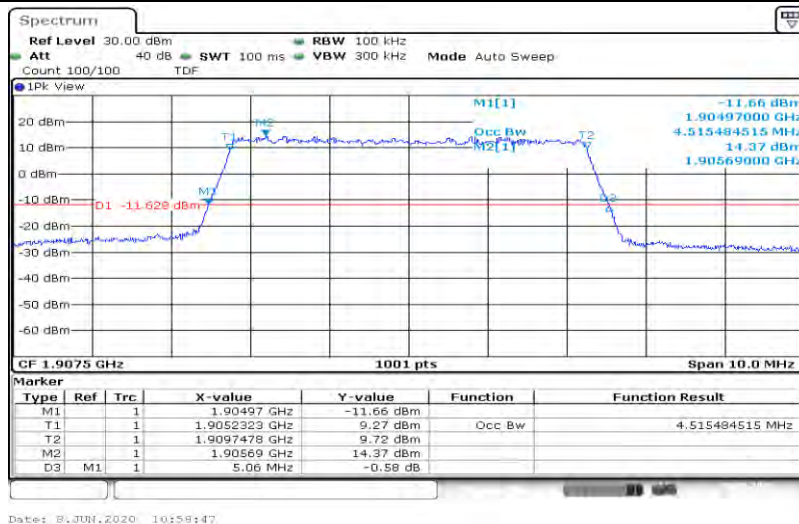
Band2-5MHz-QPSK-18625-25RB#0-4.515



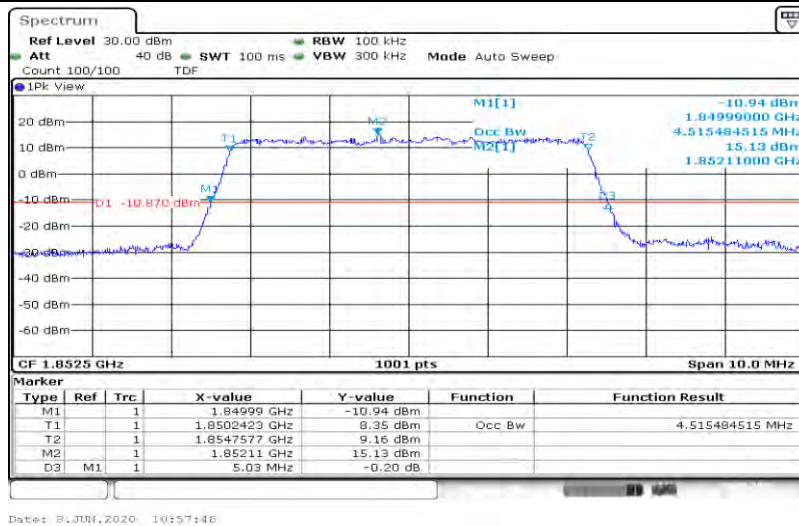
Band2-5MHz-QPSK-18900-25RB#0-4.525



Band2-5MHz-QPSK-19175-25RB#0-4.515



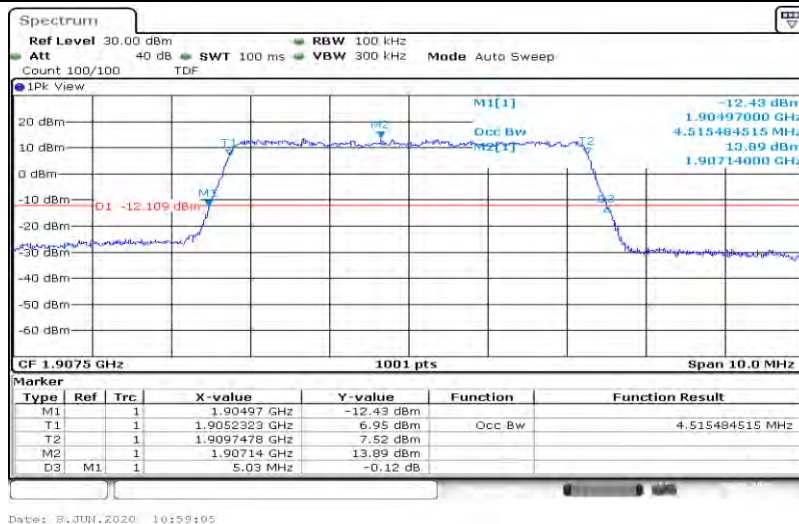
Band2-5MHz-16QAM-18625-25RB#0-4.515



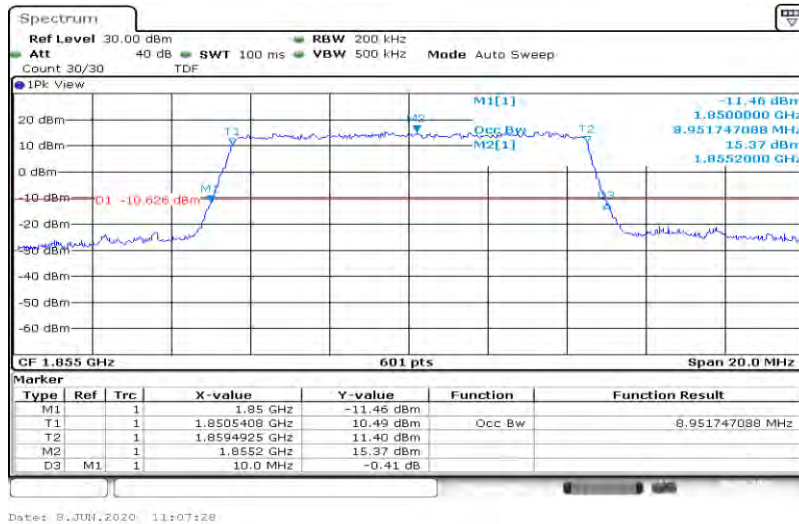
Band2-5MHz-16QAM-18900-25RB#0-4.515



Band2-5MHz-16QAM-19175-25RB#0-4.515



Band2-10MHz-QPSK-18650-50RB#0-8.952

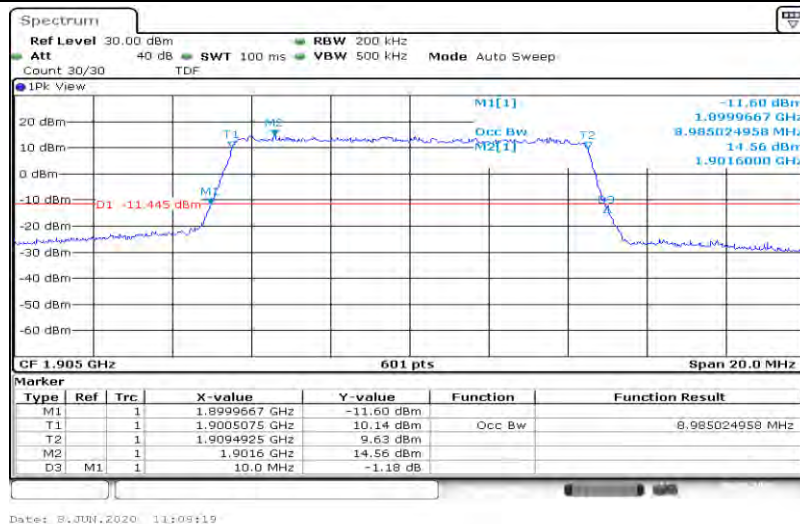


Band2-10MHz-QPSK-18900-50RB#0-8.985

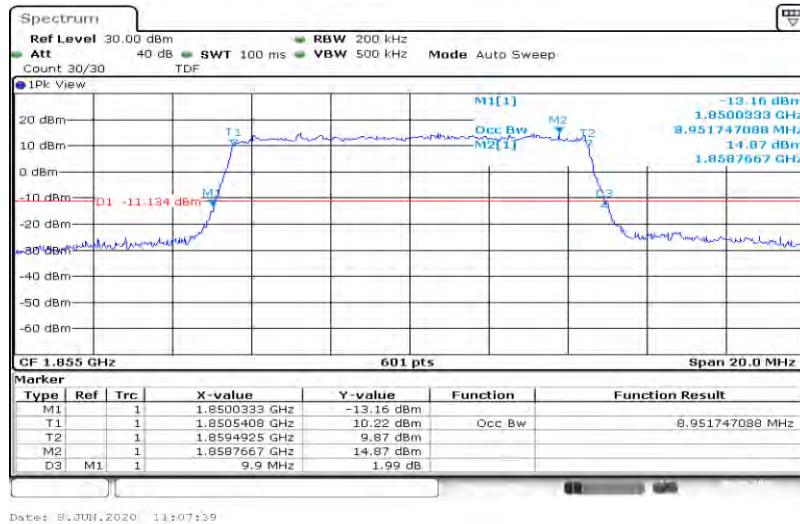


Band2-10MHz-QPSK-19150-50RB#0-8.985





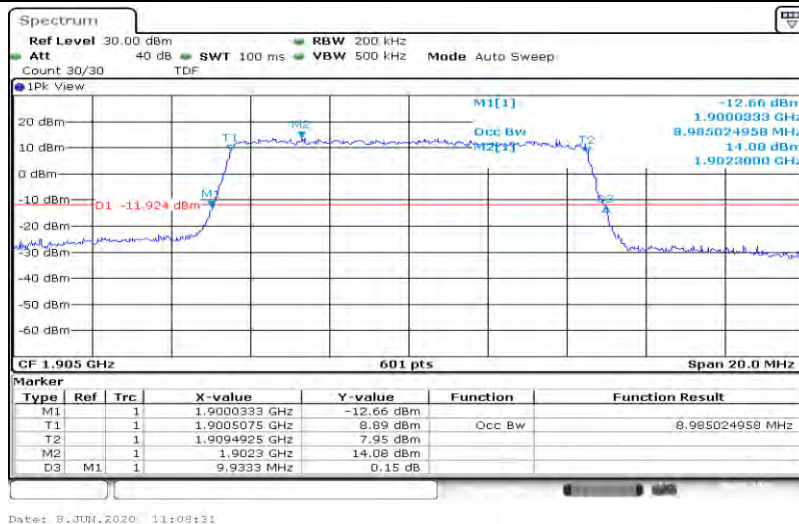
Band2-10MHz-16QAM-18650-50RB#0-8.952



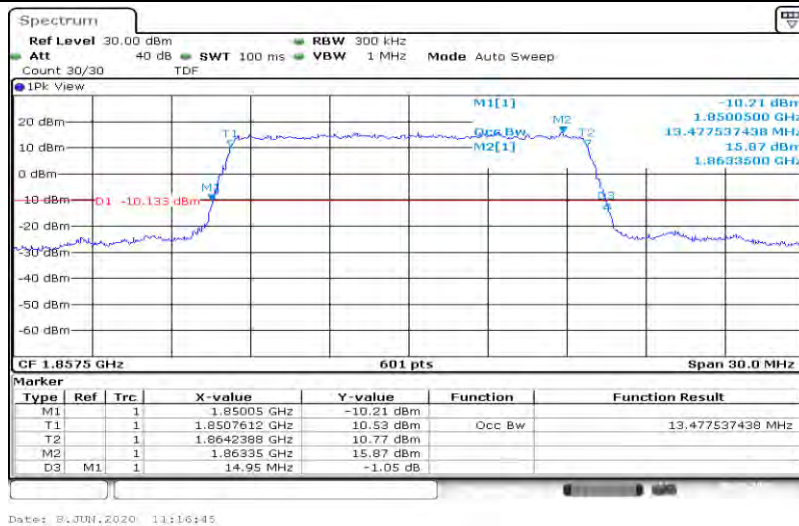
Band2-10MHz-16QAM-18900-50RB#0-8.985



Band2-10MHz-16QAM-19150-50RB#0-8.985



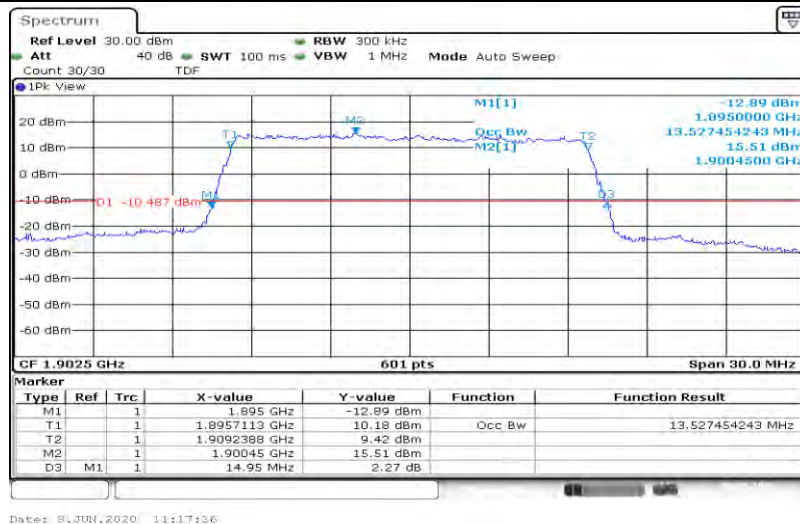
Band2-15MHz-QPSK-18675-75RB#0-13.478



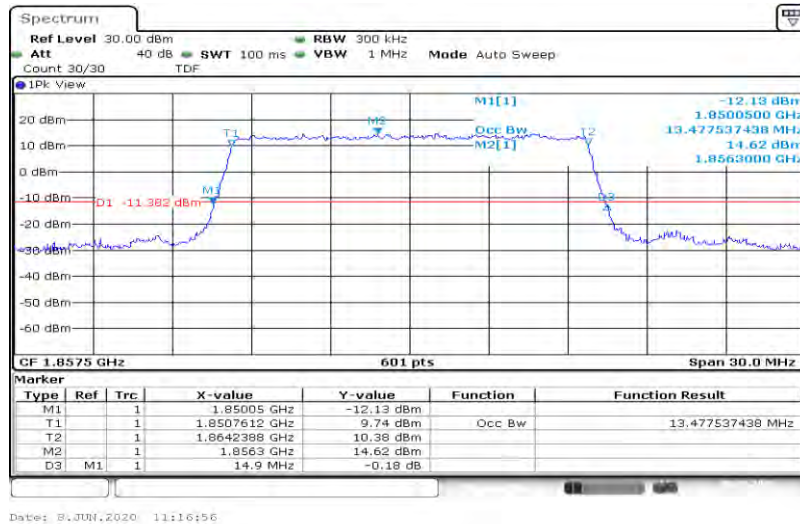
Band2-15MHz-QPSK-18900-75RB#0-13.527



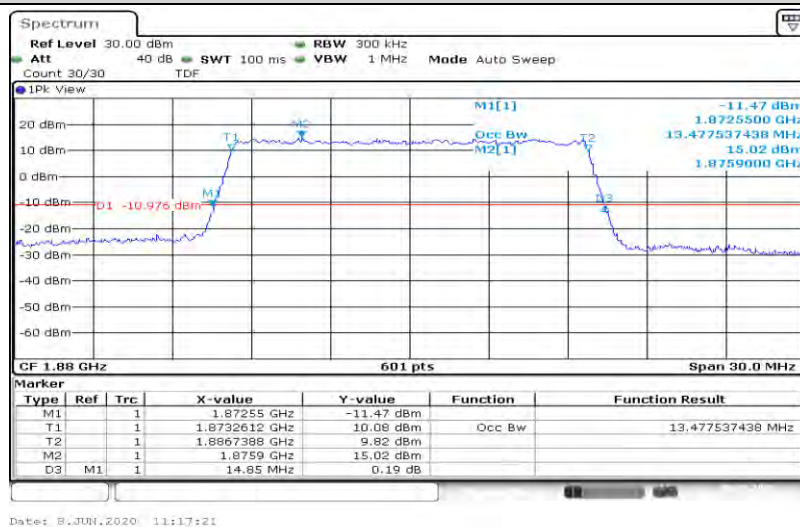
Band2-15MHz-QPSK-19125-75RB#0-13.527



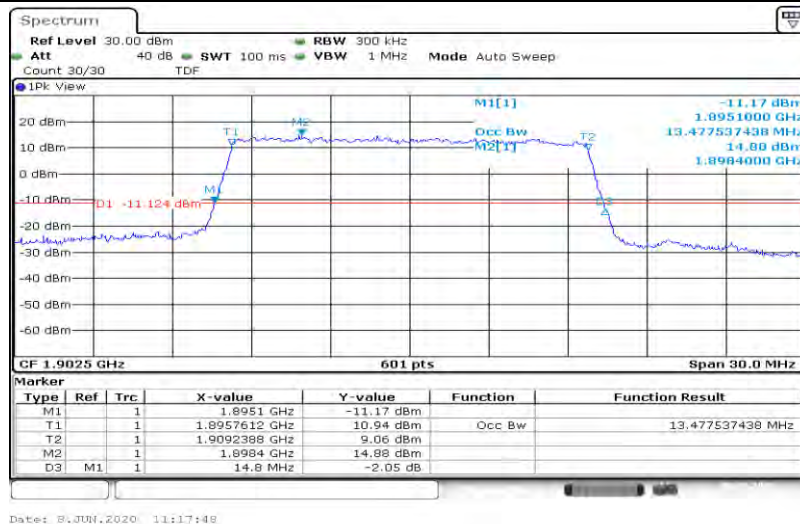
Band2-15MHz-16QAM-18675-75RB#0-13.478



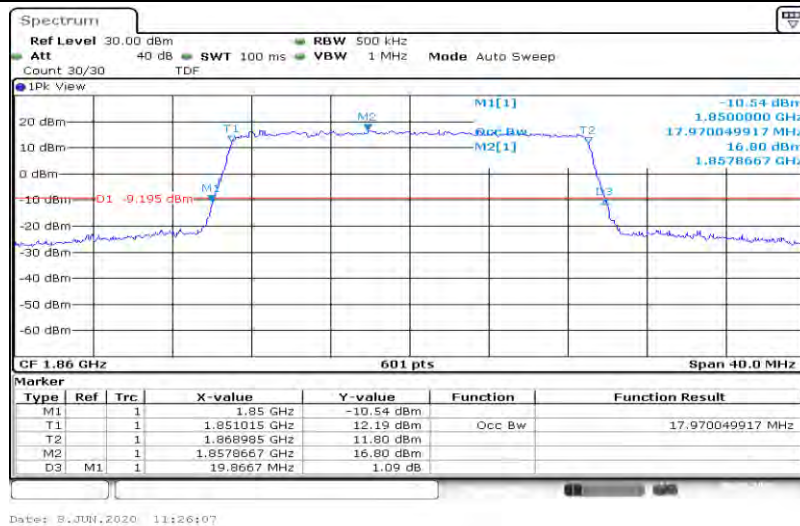
Band2-15MHz-16QAM-18900-75RB#0-13.478



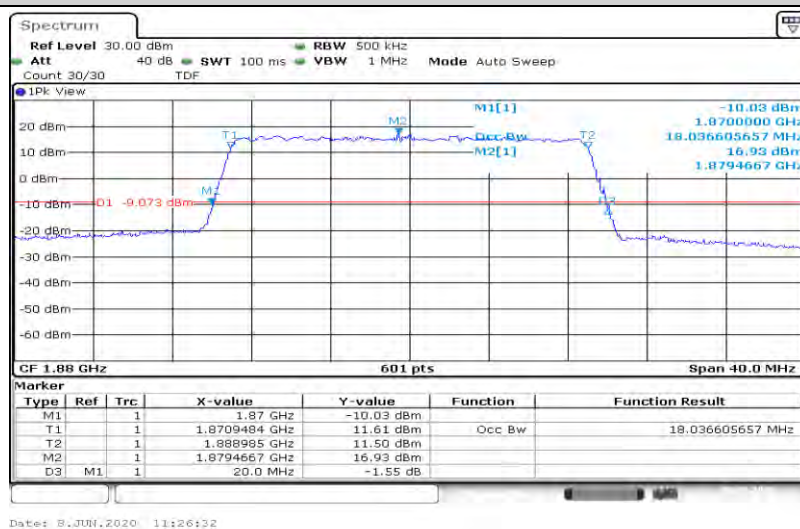
Band2-15MHz-16QAM-19125-75RB#0-13.478



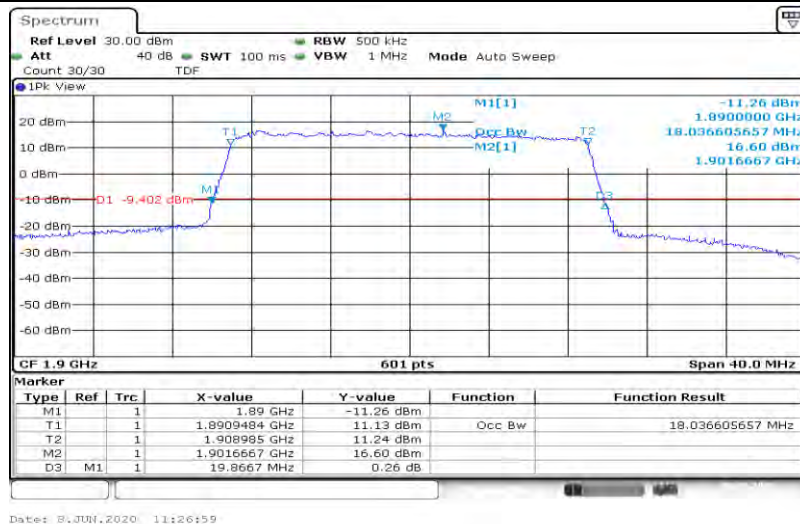
Band2-20MHz-QPSK-18700-100RB#0-17.97



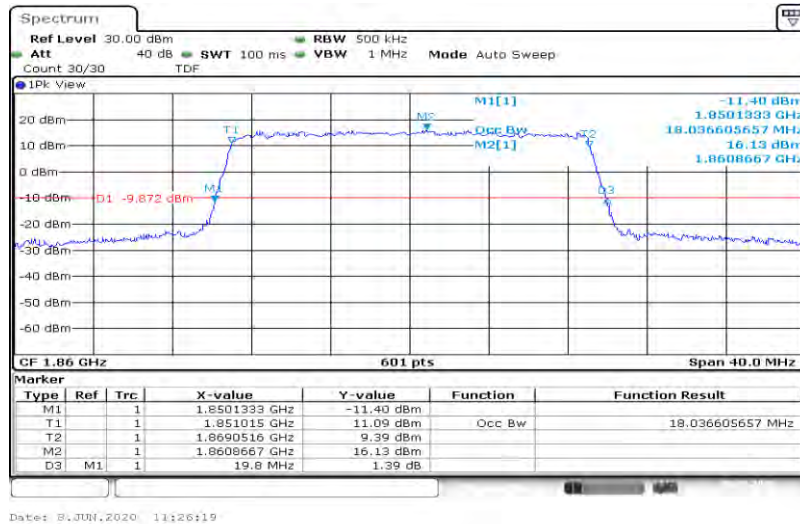
Band2-20MHz-QPSK-18900-100RB#0-18.037



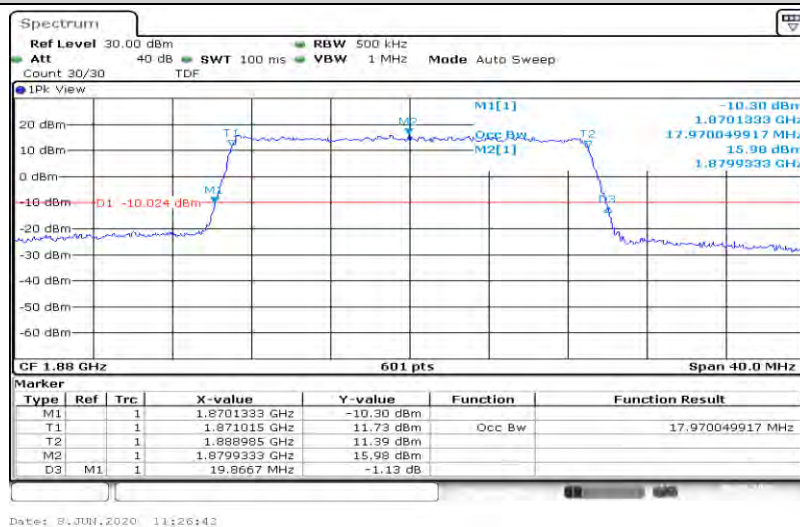
Band2-20MHz-QPSK-19100-100RB#0-18.037



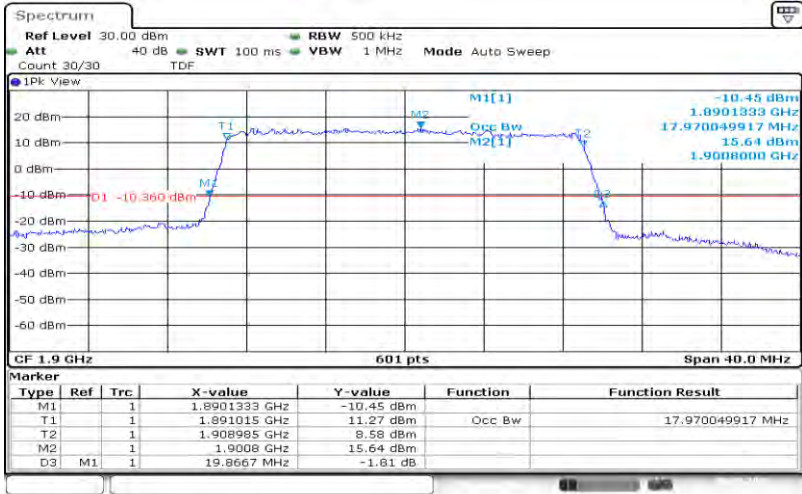
Band2-20MHz-16QAM-18700-100RB#0-18.037



Band2-20MHz-16QAM-18900-100RB#0-17.97



Band2-20MHz-16QAM-19100-100RB#0-17.97



Date: 8 JUN 2020 11:27:11

## Appendix D: Band Edge

### Test Result

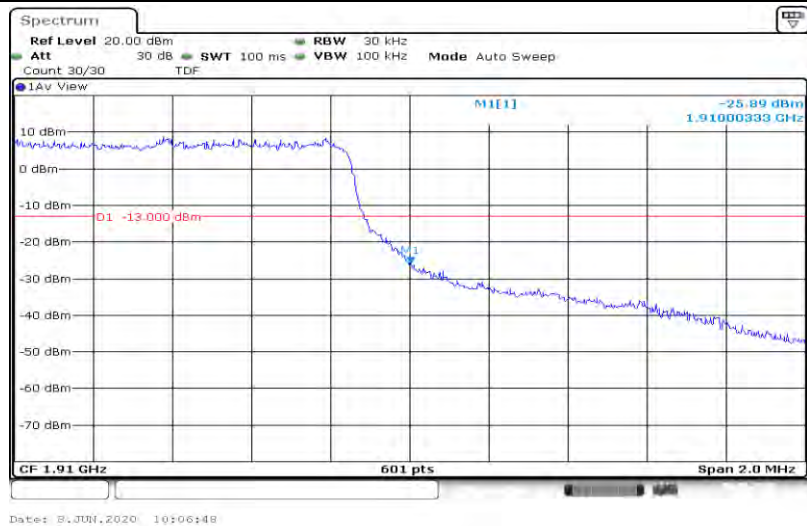
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	-25.50	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-25.89	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-26.65	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-25.16	PASS
Band2	3MHz	QPSK	18615	15RB#0	-25.50	PASS
Band2	3MHz	QPSK	19185	15RB#0	-26.09	PASS
Band2	3MHz	16QAM	18615	15RB#0	-27.46	PASS
Band2	3MHz	16QAM	19185	15RB#0	-26.80	PASS
Band2	5MHz	QPSK	18625	25RB#0	-25.71	PASS
Band2	5MHz	QPSK	19175	25RB#0	-28.13	PASS
Band2	5MHz	16QAM	18625	25RB#0	-29.24	PASS
Band2	5MHz	16QAM	19175	25RB#0	-29.77	PASS
Band2	10MHz	QPSK	18650	50RB#0	-28.85	PASS
Band2	10MHz	QPSK	19150	50RB#0	-31.15	PASS
Band2	10MHz	16QAM	18650	50RB#0	-32.47	PASS
Band2	10MHz	16QAM	19150	50RB#0	-33.61	PASS
Band2	15MHz	QPSK	18675	75RB#0	-28.26	PASS
Band2	15MHz	QPSK	19125	75RB#0	-29.38	PASS
Band2	15MHz	16QAM	18675	75RB#0	-32.93	PASS
Band2	15MHz	16QAM	19125	75RB#0	-33.86	PASS
Band2	20MHz	QPSK	18700	100RB#0	-29.83	PASS
Band2	20MHz	QPSK	19100	100RB#0	-31.91	PASS
Band2	20MHz	16QAM	18700	100RB#0	-33.32	PASS
Band2	20MHz	16QAM	19100	100RB#0	-35.18	PASS

### Test Graphs

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



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



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



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





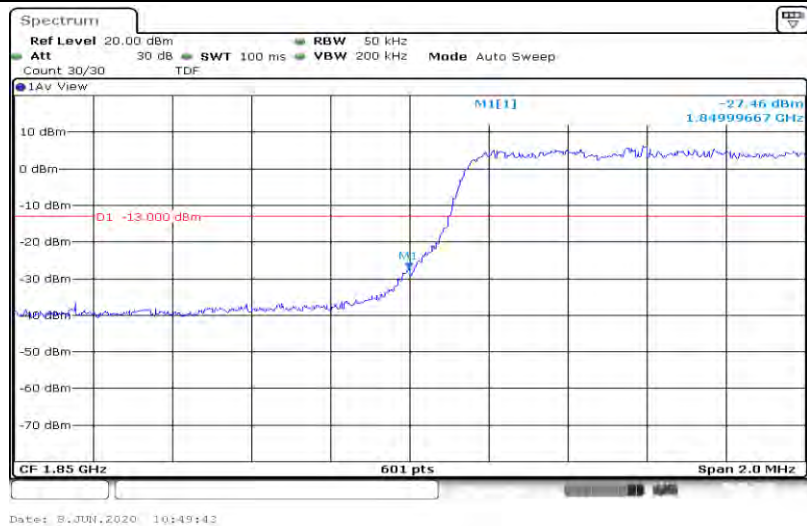
Band2-3MHz-QPSK-18615-15RB#0



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



## Appendix E: Conducted Spurious Emission

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band 2	1.4MHz	QPSK	18607	6RB#0	Range1:30~1000MHz	-32.78	PASS
Band 2	1.4MHz	QPSK	18607	6RB#0	Range2:1000~2000MHz	-34.18	PASS
Band 2	1.4MHz	QPSK	18607	6RB#0	Range3:2000~20000MHz	-17.35	PASS
Band 2	1.4MHz	QPSK	18900	6RB#0	Range1:30~1000MHz	-32.02	PASS
Band 2	1.4MHz	QPSK	18900	6RB#0	Range2:1000~2000MHz	-34.73	PASS
Band 2	1.4MHz	QPSK	18900	6RB#0	Range3:2000~20000MHz	-16.64	PASS
Band 2	1.4MHz	QPSK	19193	6RB#0	Range1:30~1000MHz	-32.38	PASS
Band 2	1.4MHz	QPSK	19193	6RB#0	Range2:1000~2000MHz	-34	PASS
Band 2	1.4MHz	QPSK	19193	6RB#0	Range3:2000~20000MHz	-21.17	PASS
Band 2	1.4MHz	16QAM	18607	6RB#0	Range1:30~1000MHz	-32.65	PASS
Band 2	1.4MHz	16QAM	18607	6RB#0	Range2:1000~2000MHz	-34.27	PASS
Band 2	1.4MHz	16QAM	18607	6RB#0	Range3:2000~20000MHz	-17.91	PASS
Band 2	1.4MHz	16QAM	18900	6RB#0	Range1:30~1000MHz	-32.42	PASS
Band 2	1.4MHz	16QAM	18900	6RB#0	Range2:1000~2000MHz	-33.95	PASS
Band 2	1.4MHz	16QAM	18900	6RB#0	Range3:2000~20000MHz	-17.07	PASS
Band 2	1.4MHz	16QAM	19193	6RB#0	Range1:30~1000MHz	-32.88	PASS
Band 2	1.4MHz	16QAM	19193	6RB#0	Range2:1000~2000MHz	-34.44	PASS
Band	1.4MHz	16QAM	19193	6RB#0	Range3:2000~20000MHz	-21.5	PASS



2					Hz	1	
Band 2	3MHz	QPSK	18615	6RB#0	Range1:30~1000MHz	-31.78	PASS
Band 2	3MHz	QPSK	18615	6RB#0	Range2:1000~2000MHz	-33.89	PASS
Band 2	3MHz	QPSK	18615	6RB#0	Range3:2000~20000MHz	-17.34	PASS
Band 2	3MHz	QPSK	18900	6RB#0	Range1:30~1000MHz	-32.66	PASS
Band 2	3MHz	QPSK	18900	6RB#0	Range2:1000~2000MHz	-34.24	PASS
Band 2	3MHz	QPSK	18900	6RB#0	Range3:2000~20000MHz	-18.25	PASS
Band 2	3MHz	QPSK	19185	6RB#0	Range1:30~1000MHz	-32.54	PASS
Band 2	3MHz	QPSK	19185	6RB#0	Range2:1000~2000MHz	-34.24	PASS
Band 2	3MHz	QPSK	19185	6RB#0	Range3:2000~20000MHz	-22.85	PASS
Band 2	3MHz	16QAM	18615	6RB#0	Range1:30~1000MHz	-33.06	PASS
Band 2	3MHz	16QAM	18615	6RB#0	Range2:1000~2000MHz	-34.14	PASS
Band 2	3MHz	16QAM	18615	6RB#0	Range3:2000~20000MHz	-18.18	PASS
Band 2	3MHz	16QAM	18900	6RB#0	Range1:30~1000MHz	-32	PASS
Band 2	3MHz	16QAM	18900	6RB#0	Range2:1000~2000MHz	-34.17	PASS
Band 2	3MHz	16QAM	18900	6RB#0	Range3:2000~20000MHz	-18.89	PASS
Band 2	3MHz	16QAM	19185	6RB#0	Range1:30~1000MHz	-32.05	PASS
Band 2	3MHz	16QAM	19185	6RB#0	Range2:1000~2000MHz	-34.72	PASS
Band 2	3MHz	16QAM	19185	6RB#0	Range3:2000~20000MHz	-23.27	PASS
Band 2	5MHz	QPSK	18625	25RB#0	Range1:30~1000MHz	-32.42	PASS
Band 2	5MHz	QPSK	18625	25RB#0	Range2:1000~2000MHz	-33.95	PASS
Band 2	5MHz	QPSK	18625	25RB#0	Range3:2000~20000MHz	-26.02	PASS

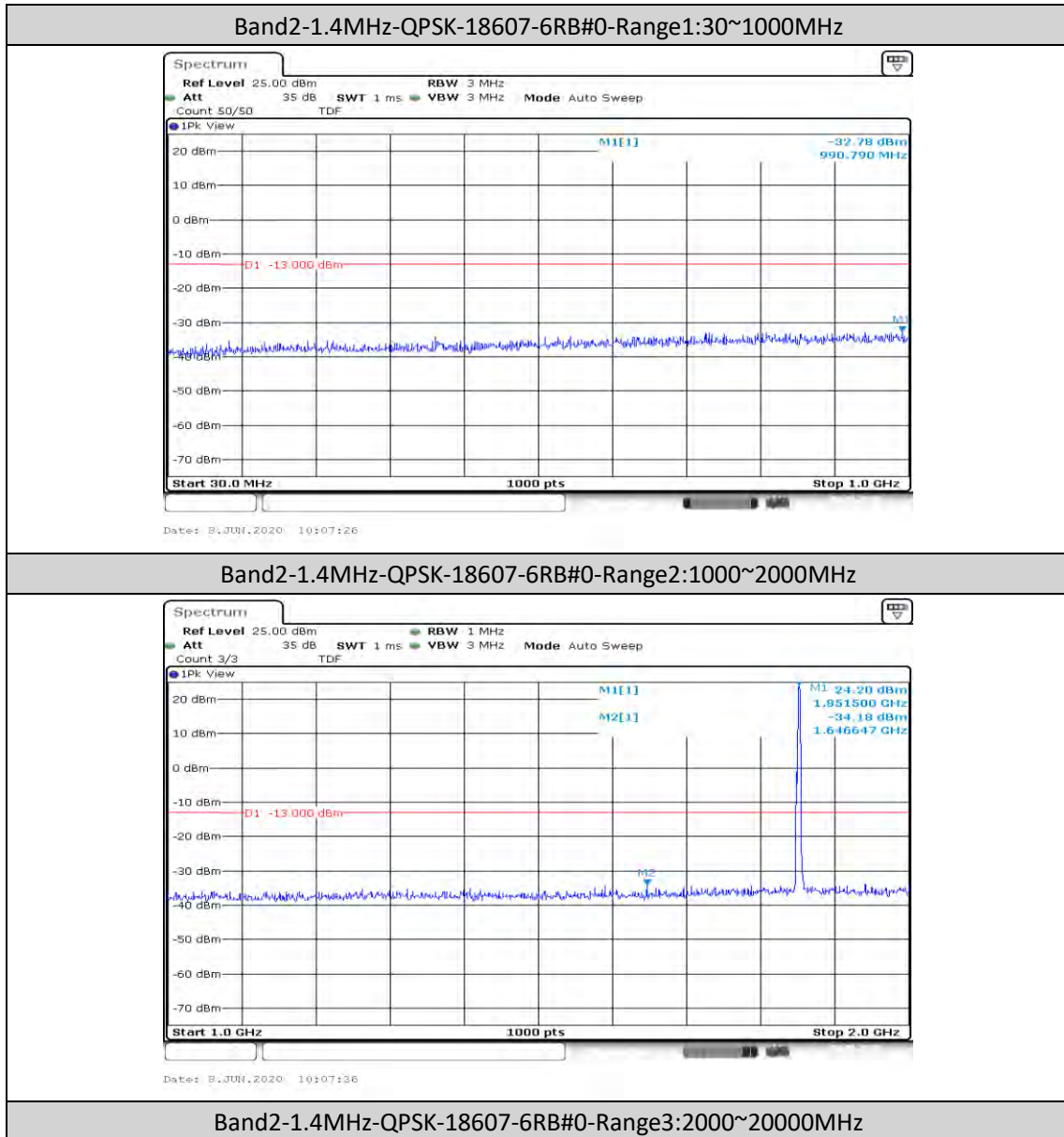
Band 2	5MHz	QPSK	18900	25RB#0	Range1:30~1000MHz	-31.68	PASS
Band 2	5MHz	QPSK	18900	25RB#0	Range2:1000~2000MHz	-34.19	PASS
Band 2	5MHz	QPSK	18900	25RB#0	Range3:2000~20000MHz	-24.86	PASS
Band 2	5MHz	QPSK	19175	25RB#0	Range1:30~1000MHz	-32.15	PASS
Band 2	5MHz	QPSK	19175	25RB#0	Range2:1000~2000MHz	-33.48	PASS
Band 2	5MHz	QPSK	19175	25RB#0	Range3:2000~20000MHz	-29.13	PASS
Band 2	5MHz	16QAM	18625	25RB#0	Range1:30~1000MHz	-31.64	PASS
Band 2	5MHz	16QAM	18625	25RB#0	Range2:1000~2000MHz	-33.96	PASS
Band 2	5MHz	16QAM	18625	25RB#0	Range3:2000~20000MHz	-23.29	PASS
Band 2	5MHz	16QAM	18900	25RB#0	Range1:30~1000MHz	-32.61	PASS
Band 2	5MHz	16QAM	18900	25RB#0	Range2:1000~2000MHz	-34.66	PASS
Band 2	5MHz	16QAM	18900	25RB#0	Range3:2000~20000MHz	-23.95	PASS
Band 2	5MHz	16QAM	19175	25RB#0	Range1:30~1000MHz	-32.41	PASS
Band 2	5MHz	16QAM	19175	25RB#0	Range2:1000~2000MHz	-34.46	PASS
Band 2	5MHz	16QAM	19175	25RB#0	Range3:2000~20000MHz	-27.74	PASS
Band 2	10MHz	QPSK	18650	50RB#0	Range1:30~1000MHz	-32.17	PASS
Band 2	10MHz	QPSK	18650	50RB#0	Range2:1000~2000MHz	-34.42	PASS
Band 2	10MHz	QPSK	18650	50RB#0	Range3:2000~20000MHz	-26.51	PASS
Band 2	10MHz	QPSK	18900	50RB#0	Range1:30~1000MHz	-32.64	PASS
Band 2	10MHz	QPSK	18900	50RB#0	Range2:1000~2000MHz	-34.13	PASS
Band 2	10MHz	QPSK	18900	50RB#0	Range3:2000~20000MHz	-27.05	PASS
Band 2	10MHz	QPSK	19150	50RB#0	Range1:30~1000MHz	-32.56	PASS

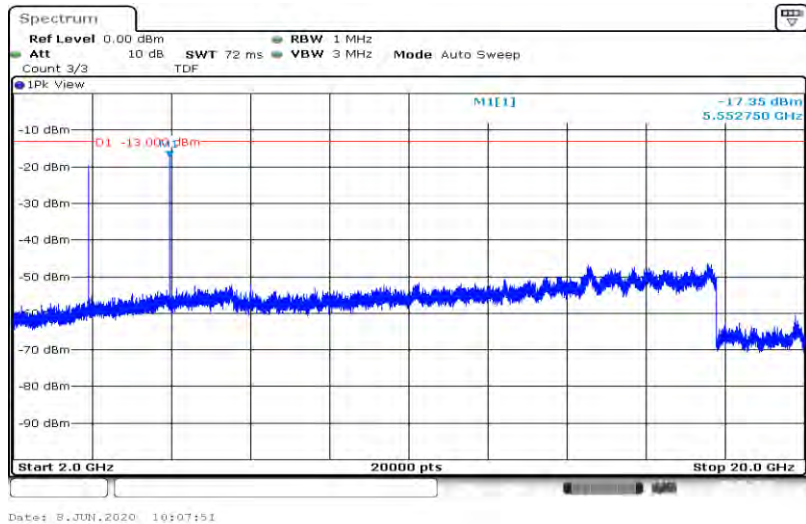
Band 2	10MHz	QPSK	19150	50RB#0	Range2:1000~2000MHz	-34.19	PASS
Band 2	10MHz	QPSK	19150	50RB#0	Range3:2000~20000MHz	-31.65	PASS
Band 2	10MHz	16QAM	18650	50RB#0	Range1:30~1000MHz	-32.19	PASS
Band 2	10MHz	16QAM	18650	50RB#0	Range2:1000~2000MHz	-34.74	PASS
Band 2	10MHz	16QAM	18650	50RB#0	Range3:2000~20000MHz	-27.91	PASS
Band 2	10MHz	16QAM	18900	50RB#0	Range1:30~1000MHz	-32.04	PASS
Band 2	10MHz	16QAM	18900	50RB#0	Range2:1000~2000MHz	-34.3	PASS
Band 2	10MHz	16QAM	18900	50RB#0	Range3:2000~20000MHz	-27.04	PASS
Band 2	10MHz	16QAM	19150	50RB#0	Range1:30~1000MHz	-32.63	PASS
Band 2	10MHz	16QAM	19150	50RB#0	Range2:1000~2000MHz	-34.42	PASS
Band 2	10MHz	16QAM	19150	50RB#0	Range3:2000~20000MHz	-29.51	PASS
Band 2	15MHz	QPSK	18675	75RB#0	Range1:30~1000MHz	-32.2	PASS
Band 2	15MHz	QPSK	18675	75RB#0	Range2:1000~2000MHz	-33.92	PASS
Band 2	15MHz	QPSK	18675	75RB#0	Range3:2000~20000MHz	-29.35	PASS
Band 2	15MHz	QPSK	18900	75RB#0	Range1:30~1000MHz	-33.04	PASS
Band 2	15MHz	QPSK	18900	75RB#0	Range2:1000~2000MHz	-34.18	PASS
Band 2	15MHz	QPSK	18900	75RB#0	Range3:2000~20000MHz	-28.77	PASS
Band 2	15MHz	QPSK	19125	75RB#0	Range1:30~1000MHz	-32.45	PASS
Band 2	15MHz	QPSK	19125	75RB#0	Range2:1000~2000MHz	-33.74	PASS
Band 2	15MHz	QPSK	19125	75RB#0	Range3:2000~20000MHz	-31.15	PASS
Band 2	15MHz	16QAM	18675	75RB#0	Range1:30~1000MHz	-32.48	PASS
Band 2	15MHz	16QAM	18675	75RB#0	Range2:1000~2000MHz	-34.04	PASS

Band 2	15MHz	16QAM	18675	75RB#0	Range3:2000~20000MHz	-28.47	PASS
Band 2	15MHz	16QAM	18900	75RB#0	Range1:30~1000MHz	-32.71	PASS
Band 2	15MHz	16QAM	18900	75RB#0	Range2:1000~2000MHz	-33.92	PASS
Band 2	15MHz	16QAM	18900	75RB#0	Range3:2000~20000MHz	-28.61	PASS
Band 2	15MHz	16QAM	19125	75RB#0	Range1:30~1000MHz	-32.74	PASS
Band 2	15MHz	16QAM	19125	75RB#0	Range2:1000~2000MHz	-34.5	PASS
Band 2	15MHz	16QAM	19125	75RB#0	Range3:2000~20000MHz	-30.46	PASS
Band 2	20MHz	QPSK	18700	100RB#0	Range1:30~1000MHz	-32.94	PASS
Band 2	20MHz	QPSK	18700	100RB#0	Range2:1000~2000MHz	-33.78	PASS
Band 2	20MHz	QPSK	18700	100RB#0	Range3:2000~20000MHz	-28.97	PASS
Band 2	20MHz	QPSK	18900	100RB#0	Range1:30~1000MHz	-31.92	PASS
Band 2	20MHz	QPSK	18900	100RB#0	Range2:1000~2000MHz	-33.67	PASS
Band 2	20MHz	QPSK	18900	100RB#0	Range3:2000~20000MHz	-30.4	PASS
Band 2	20MHz	QPSK	19100	100RB#0	Range1:30~1000MHz	-32.74	PASS
Band 2	20MHz	QPSK	19100	100RB#0	Range2:1000~2000MHz	-33.84	PASS
Band 2	20MHz	QPSK	19100	100RB#0	Range3:2000~20000MHz	-31.03	PASS
Band 2	20MHz	16QAM	18700	100RB#0	Range1:30~1000MHz	-32.45	PASS
Band 2	20MHz	16QAM	18700	100RB#0	Range2:1000~2000MHz	-34.47	PASS
Band 2	20MHz	16QAM	18700	100RB#0	Range3:2000~20000MHz	-30.75	PASS
Band 2	20MHz	16QAM	18900	100RB#0	Range1:30~1000MHz	-32.68	PASS
Band 2	20MHz	16QAM	18900	100RB#0	Range2:1000~2000MHz	-34.44	PASS
Band 2	20MHz	16QAM	18900	100RB#0	Range3:2000~20000MHz	-29.2	PASS

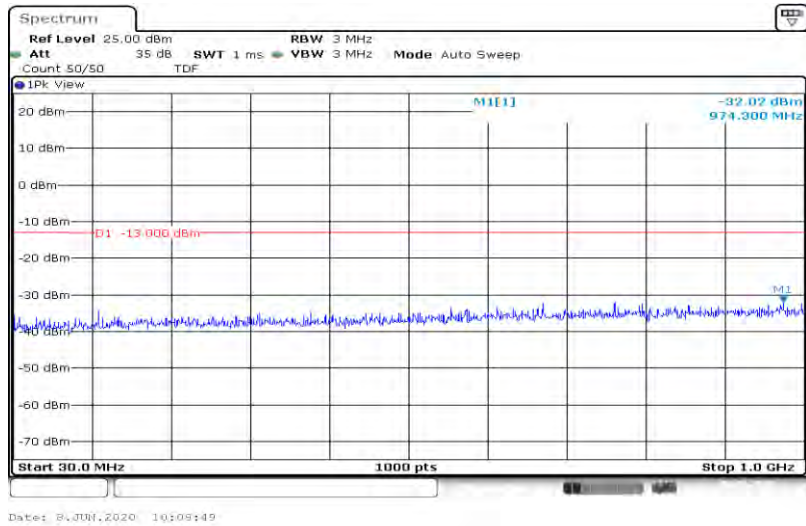
Band 2	20MHz	16QAM	19100	100RB#0	Range1:30~1000MHz	-32.9	PASS
Band 2	20MHz	16QAM	19100	100RB#0	Range2:1000~2000MHz	-34.5 3	PASS
Band 2	20MHz	16QAM	19100	100RB#0	Range3:2000~20000MHz	-31.2 1	PASS

## Test Graphs

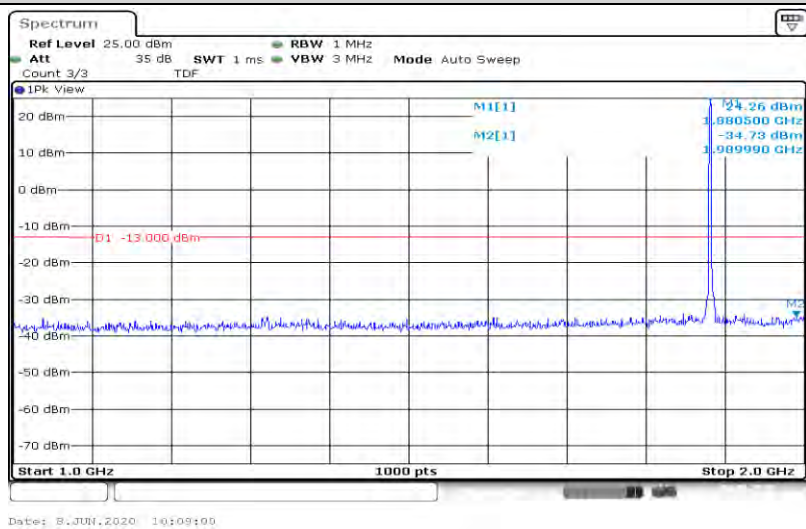




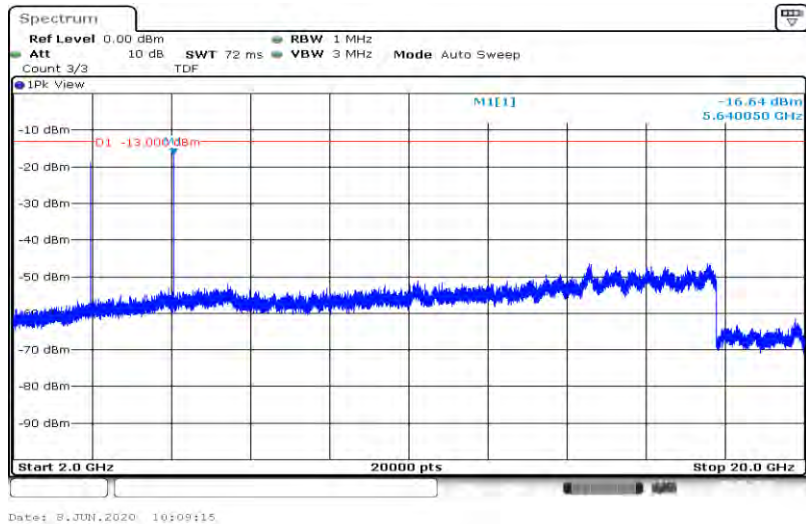
Band2-1.4MHz-QPSK-18900-6RB#0-Range1:30~1000MHz



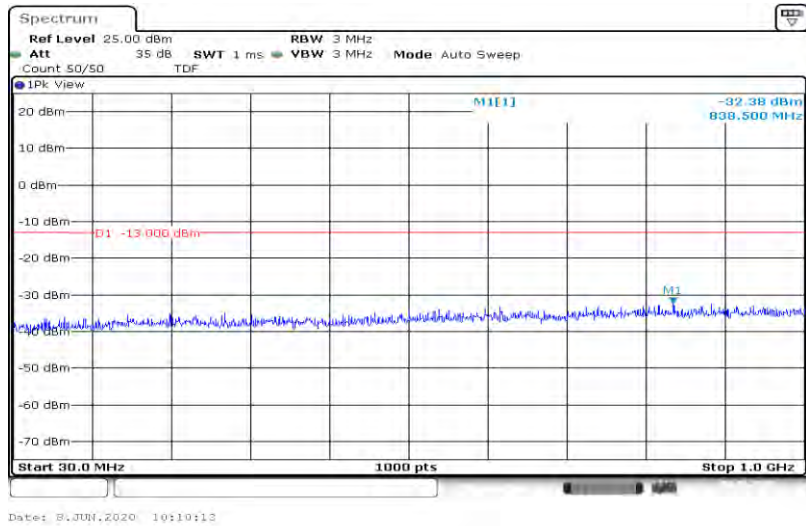
Band2-1.4MHz-QPSK-18900-6RB#0-Range2:1000~2000MHz



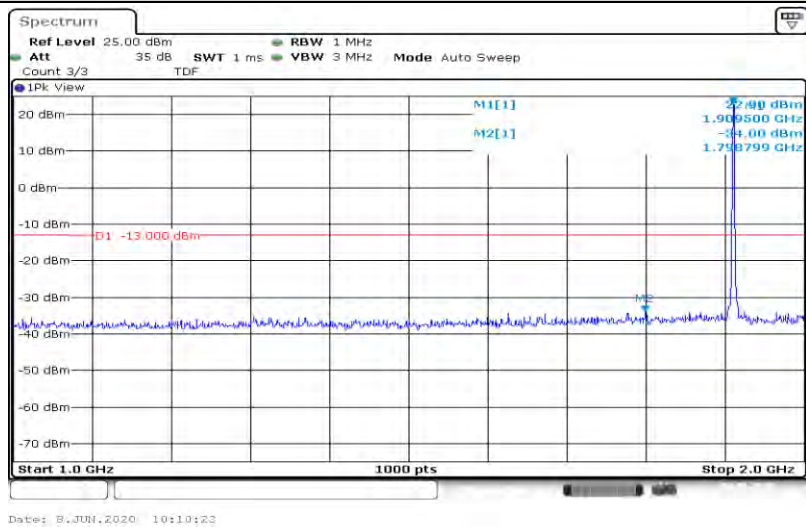
Band2-1.4MHz-QPSK-18900-6RB#0-Range3:2000~20000MHz



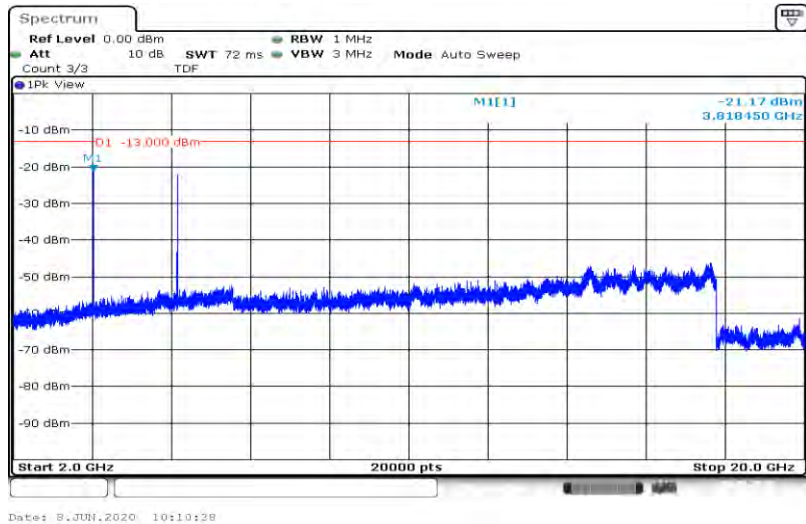
Band2-1.4MHz-QPSK-19193-6RB#0-Range1:30~1000MHz



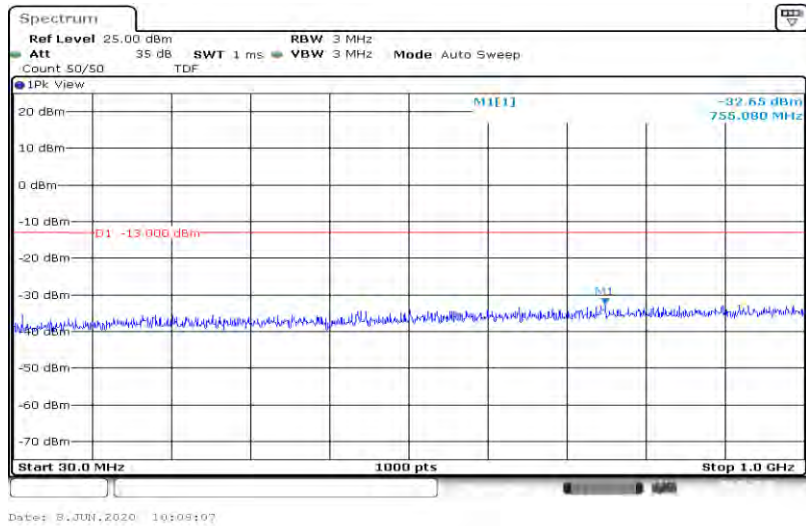
Band2-1.4MHz-QPSK-19193-6RB#0-Range2:1000~2000MHz



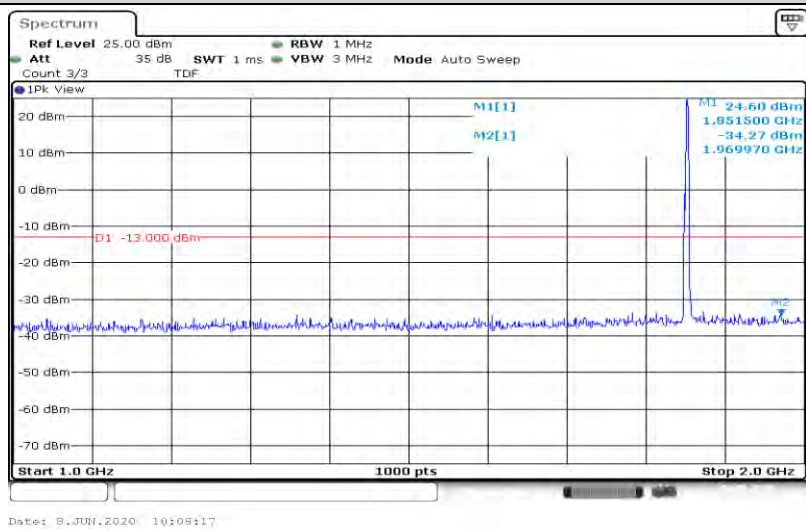
Band2-1.4MHz-QPSK-19193-6RB#0-Range3:2000~20000MHz



Band2-1.4MHz-16QAM-18607-6RB#0-Range1:30~1000MHz

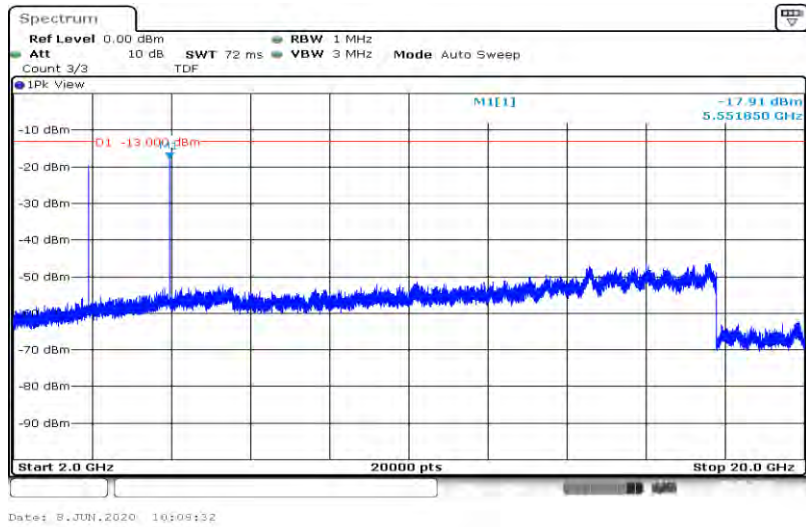


Band2-1.4MHz-16QAM-18607-6RB#0-Range2:1000~2000MHz

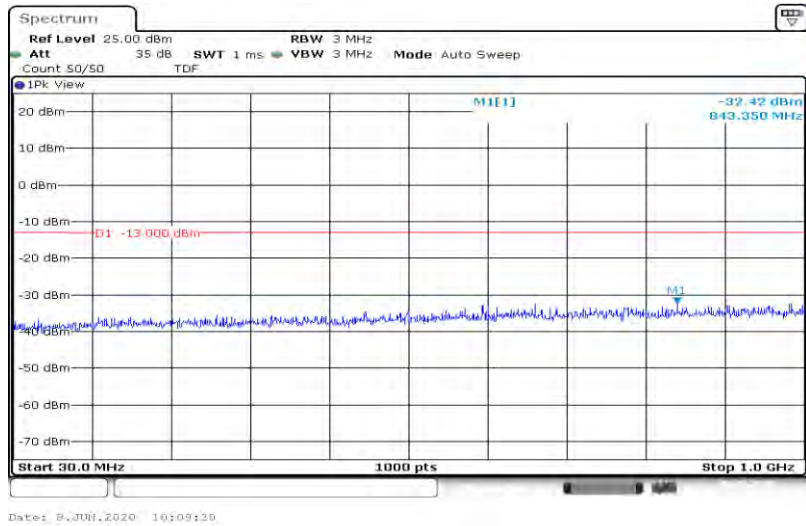


Band2-1.4MHz-16QAM-18607-6RB#0-Range3:2000~20000MHz

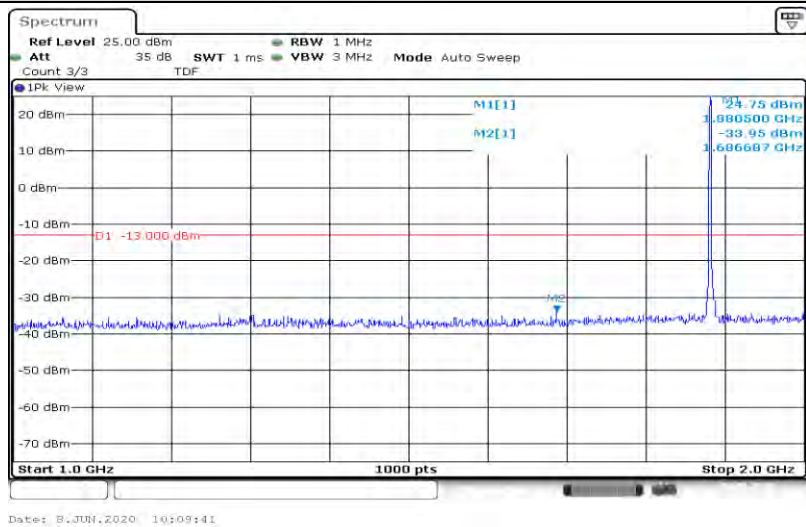




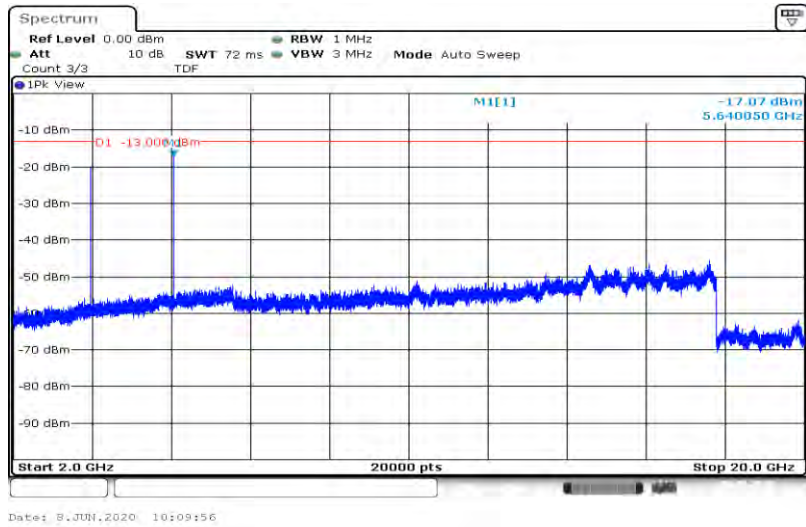
Band2-1.4MHz-16QAM-18900-6RB#0-Range1:30~1000MHz



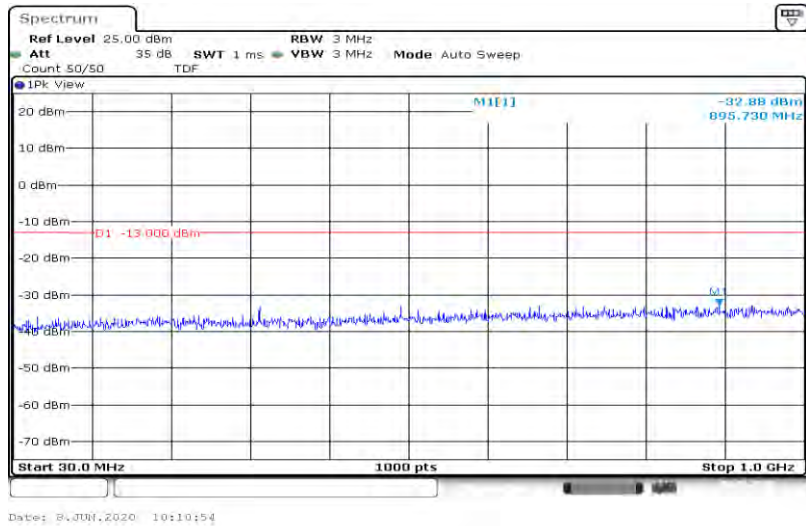
Band2-1.4MHz-16QAM-18900-6RB#0-Range2:1000~2000MHz



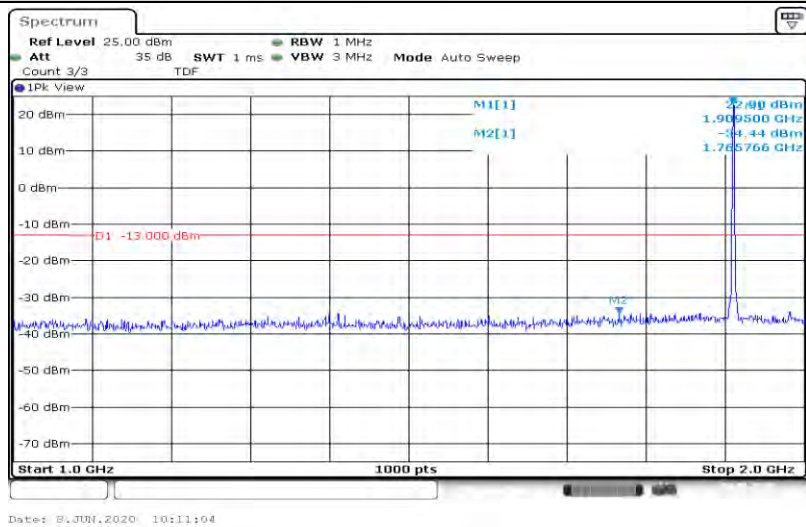
Band2-1.4MHz-16QAM-18900-6RB#0-Range3:2000~20000MHz



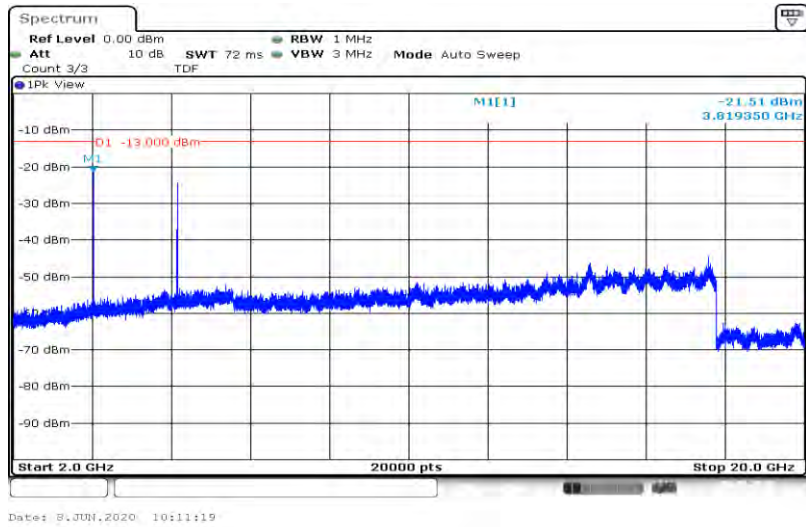
Band2-1.4MHz-16QAM-19193-6RB#0-Range1:30~1000MHz



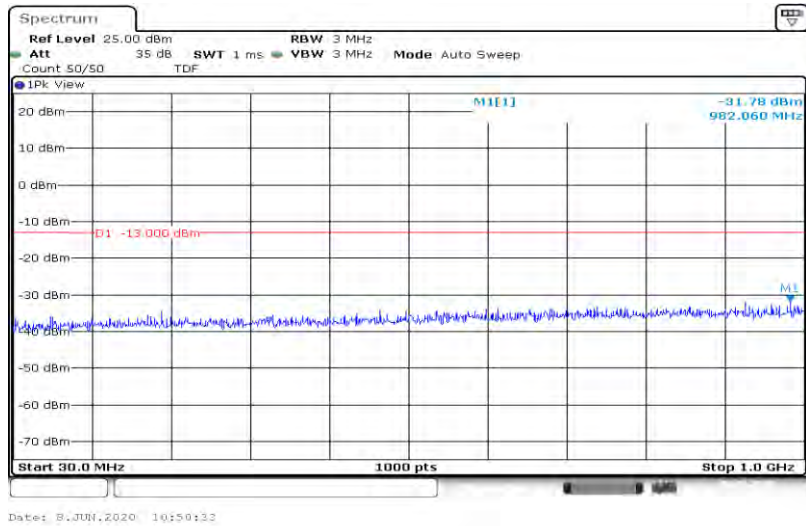
Band2-1.4MHz-16QAM-19193-6RB#0-Range2:1000~2000MHz



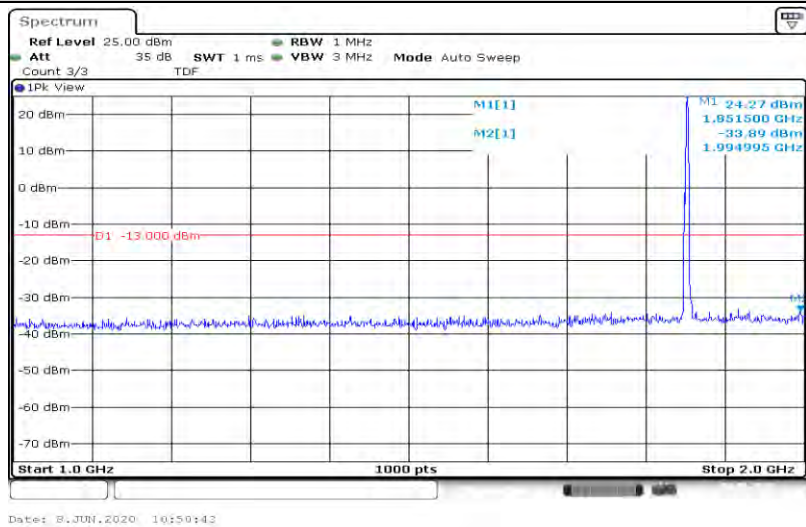
Band2-1.4MHz-16QAM-19193-6RB#0-Range3:2000~20000MHz



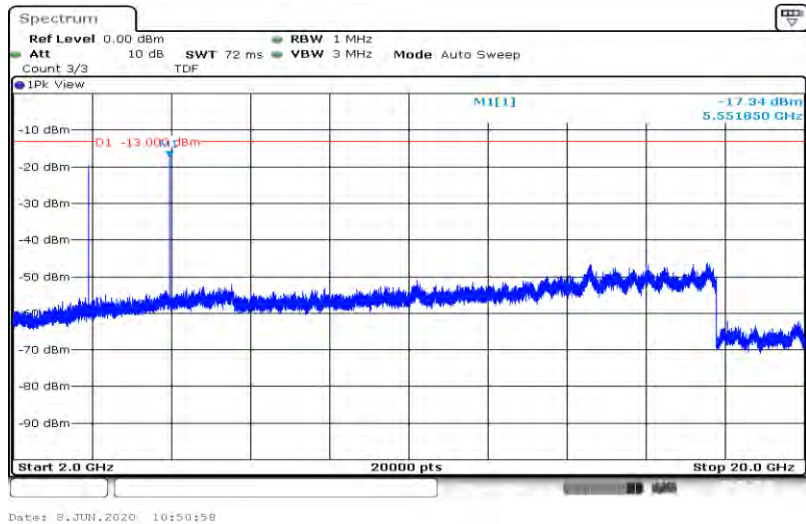
**Band2-3MHz-QPSK-18615-6RB#0-Range1:30~100MHz**



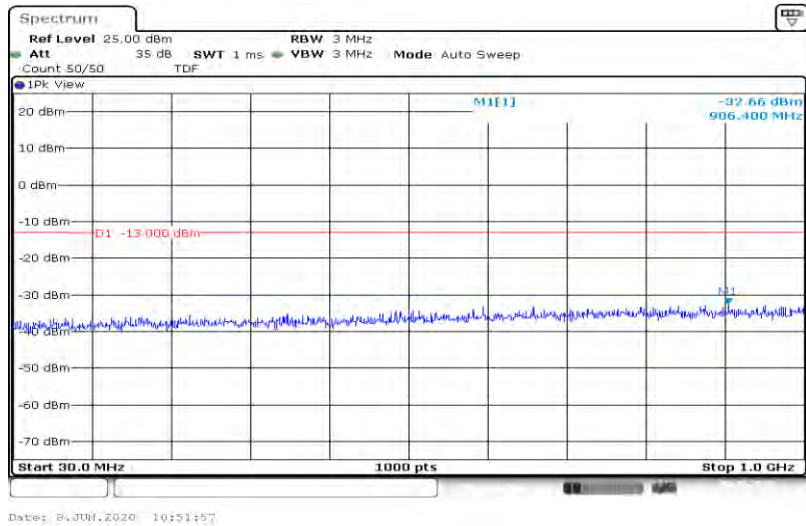
**Band2-3MHz-QPSK-18615-6RB#0-Range2:1000~2000MHz**



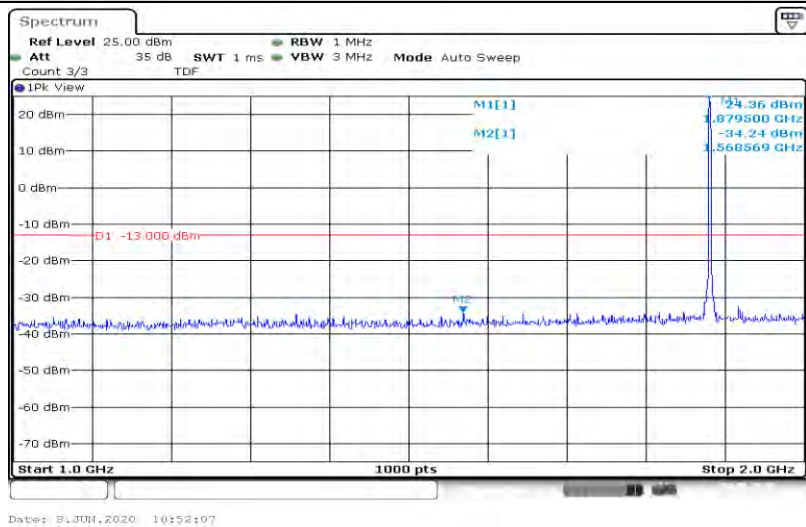
**Band2-3MHz-QPSK-18615-6RB#0-Range3:2000~20000MHz**



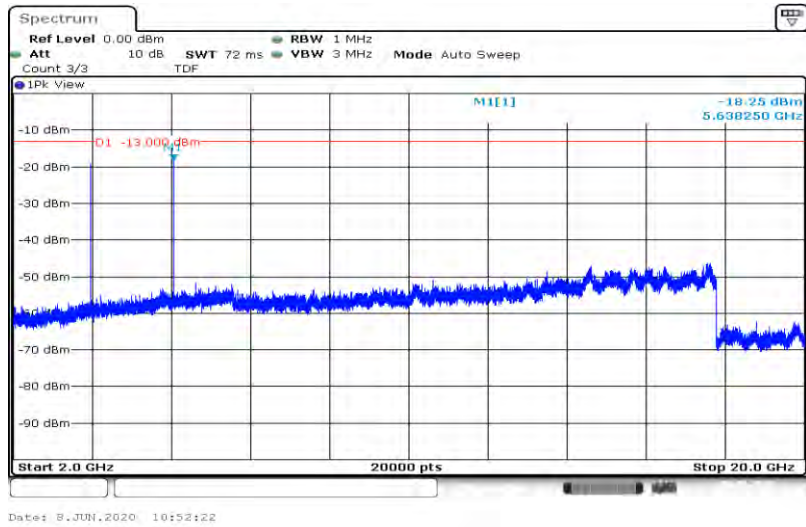
**Band2-3MHz-QPSK-18900-6RB#0-Range1:30~100MHz**



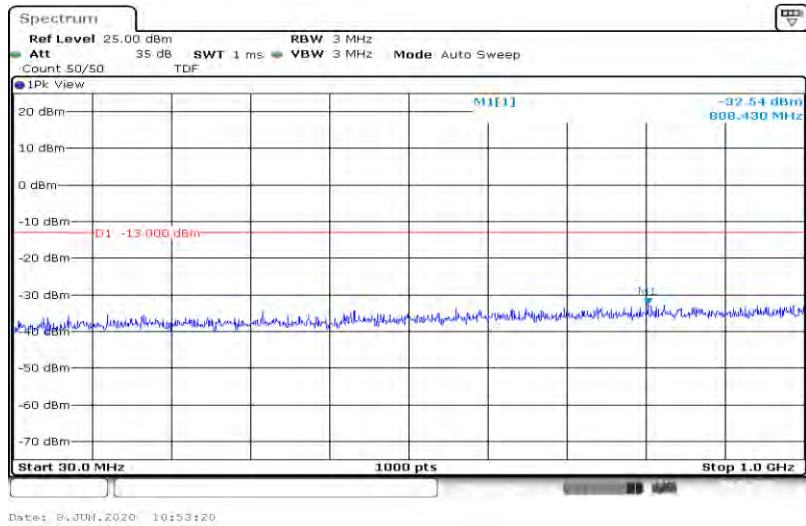
**Band2-3MHz-QPSK-18900-6RB#0-Range2:1000~2000MHz**



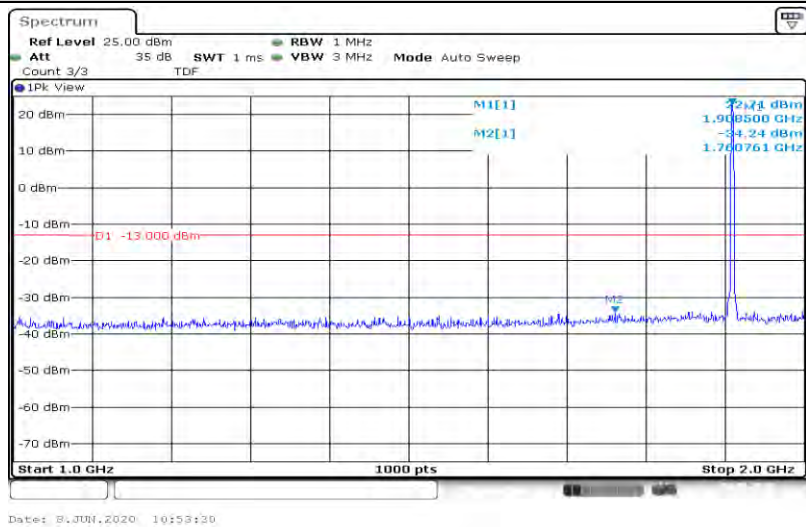
**Band2-3MHz-QPSK-18900-6RB#0-Range3:2000~20000MHz**



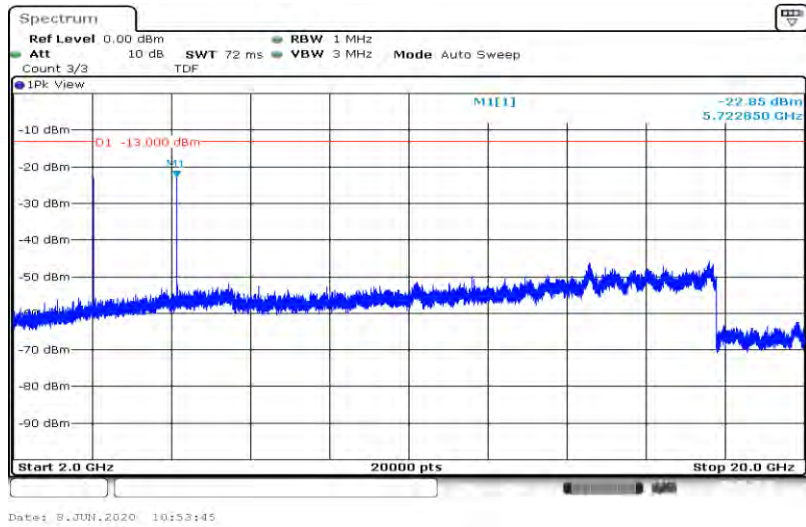
**Band2-3MHz-QPSK-19185-6RB#0-Range1:30~1000MHz**



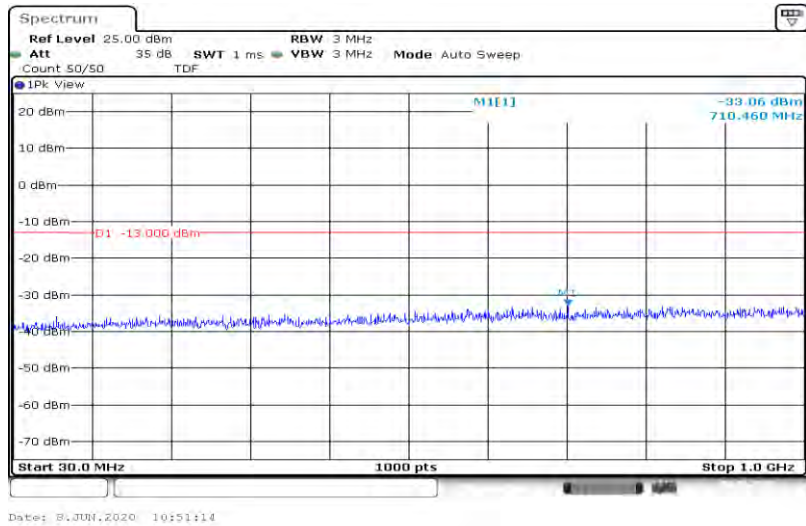
**Band2-3MHz-QPSK-19185-6RB#0-Range2:1000~2000MHz**



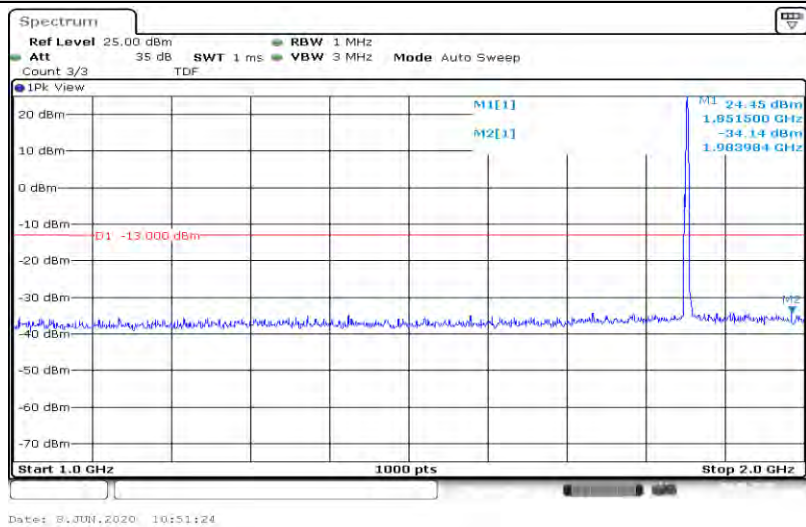
**Band2-3MHz-QPSK-19185-6RB#0-Range3:2000~20000MHz**



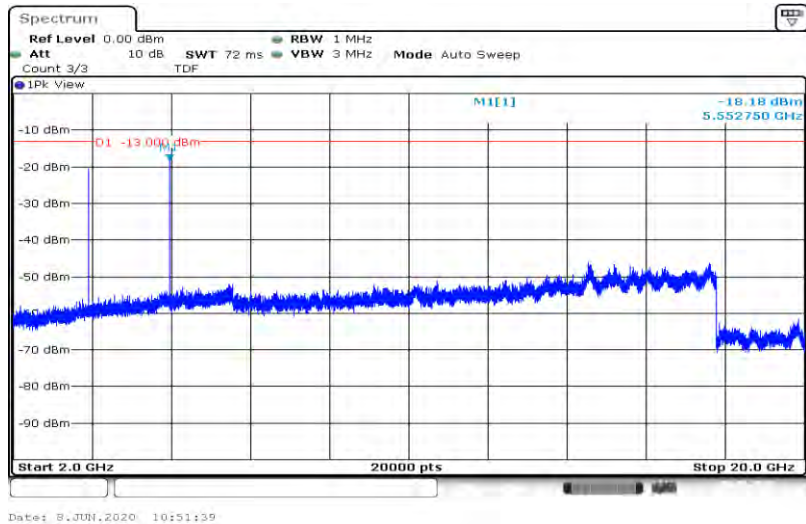
Band2-3MHz-16QAM-18615-6RB#0-Range1:30~1000MHz



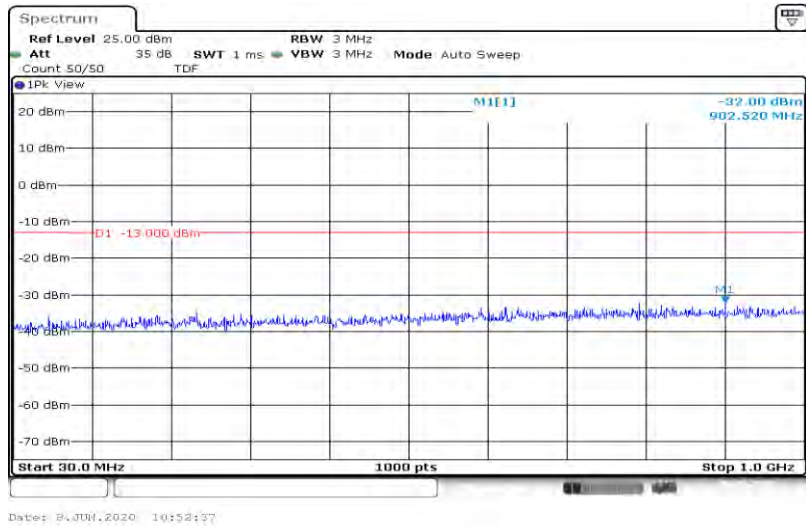
Band2-3MHz-16QAM-18615-6RB#0-Range2:1000~2000MHz



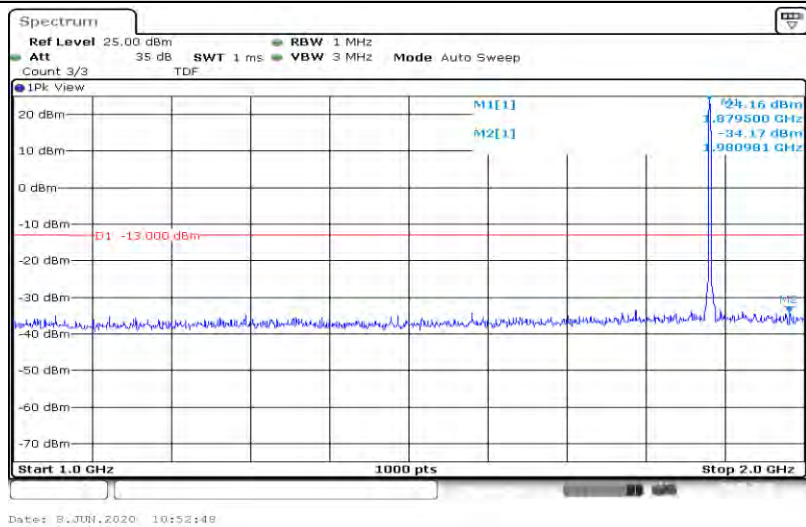
Band2-3MHz-16QAM-18615-6RB#0-Range3:2000~20000MHz



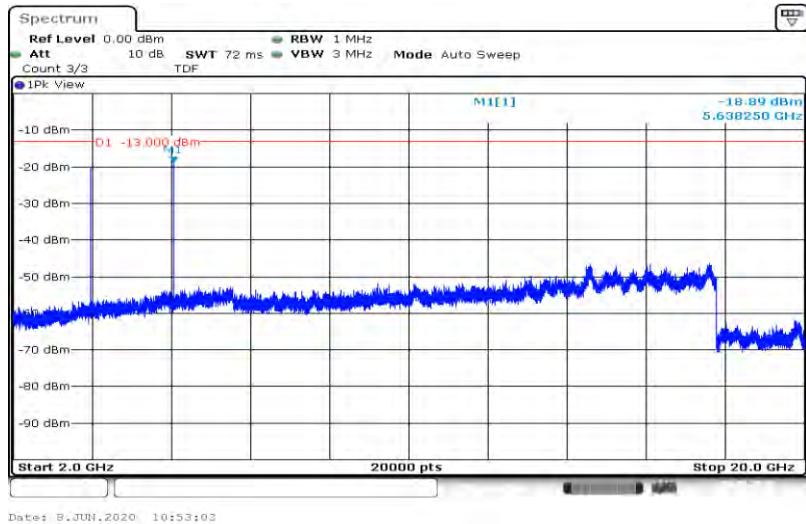
Band2-3MHz-16QAM-18900-6RB#0-Range1:30~1000MHz



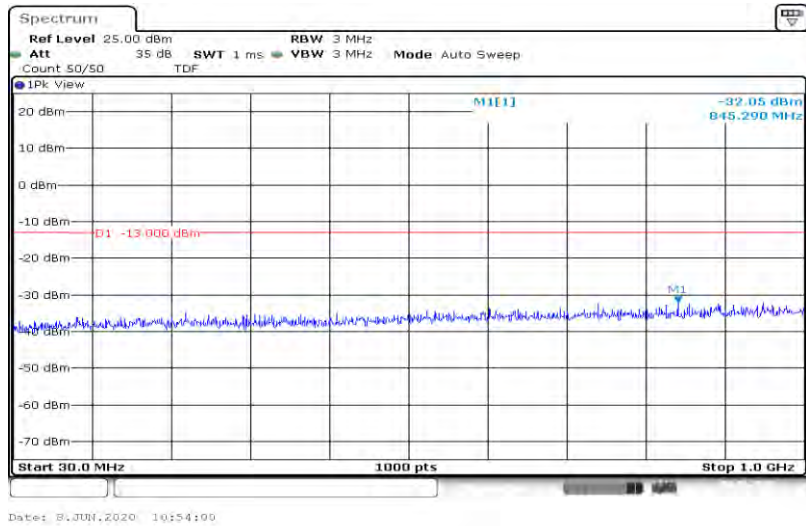
Band2-3MHz-16QAM-18900-6RB#0-Range2:1000~2000MHz



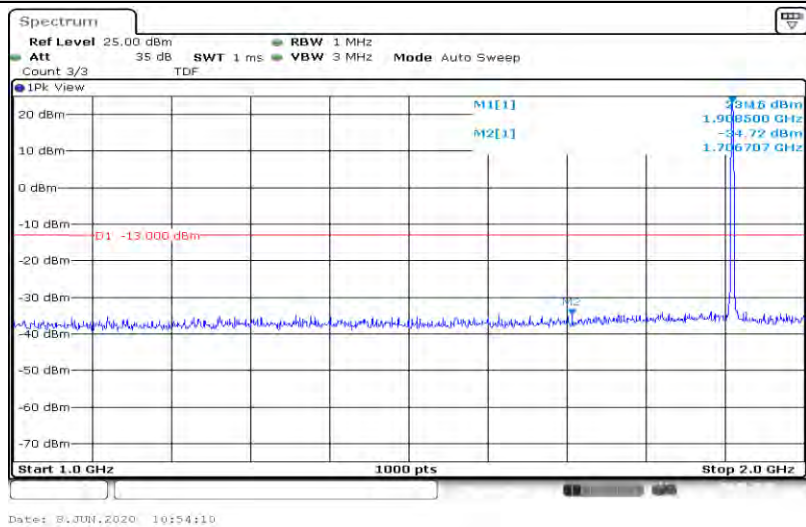
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Band2-3MHz-16QAM-19185-6RB#0-Range1:30~1000MHz

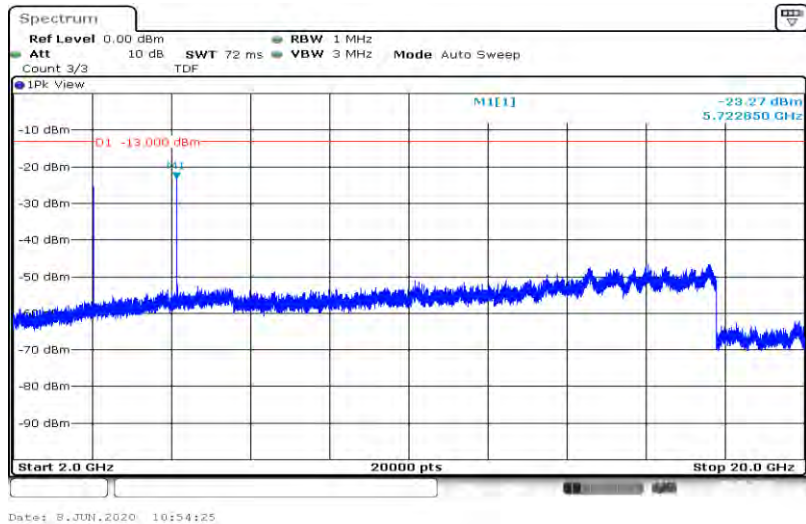


Band2-3MHz-16QAM-19185-6RB#0-Range2:1000~2000MHz

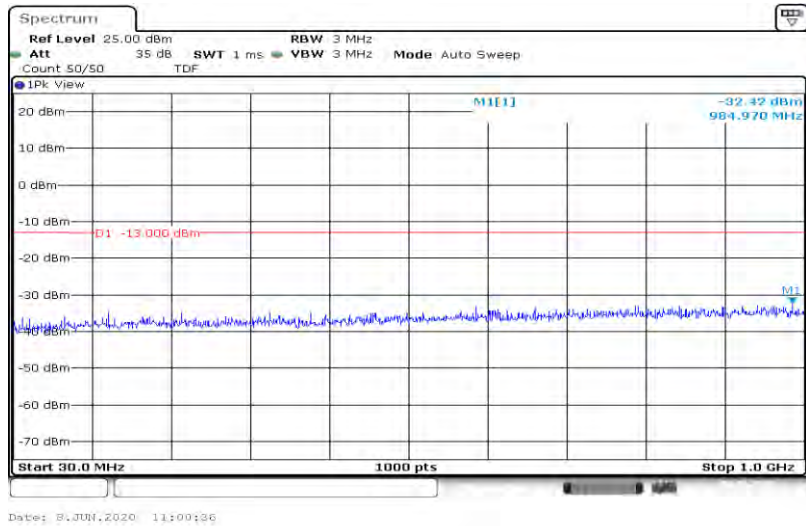


Band2-3MHz-16QAM-19185-6RB#0-Range3:2000~20000MHz

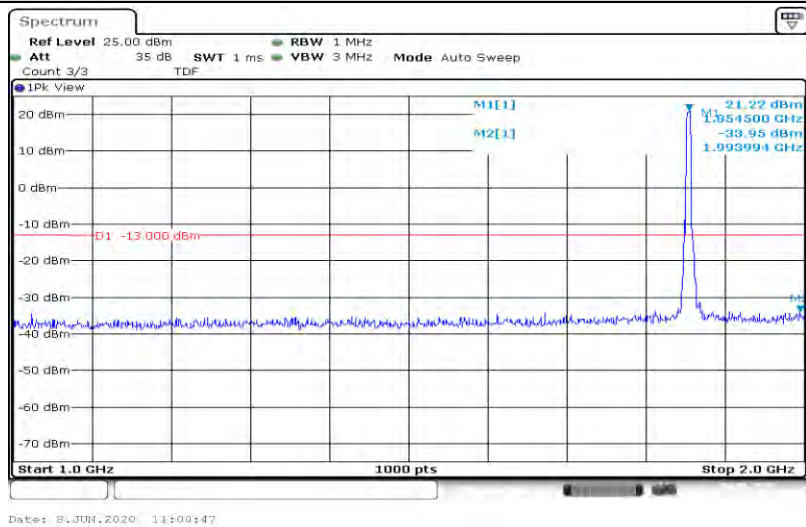




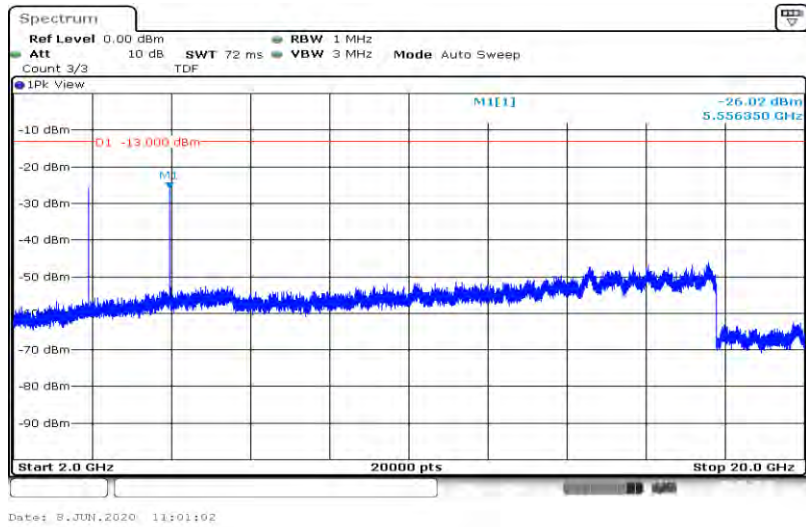
Band2-5MHz-QPSK-18625-25RB#0-Range1:30~1000MHz



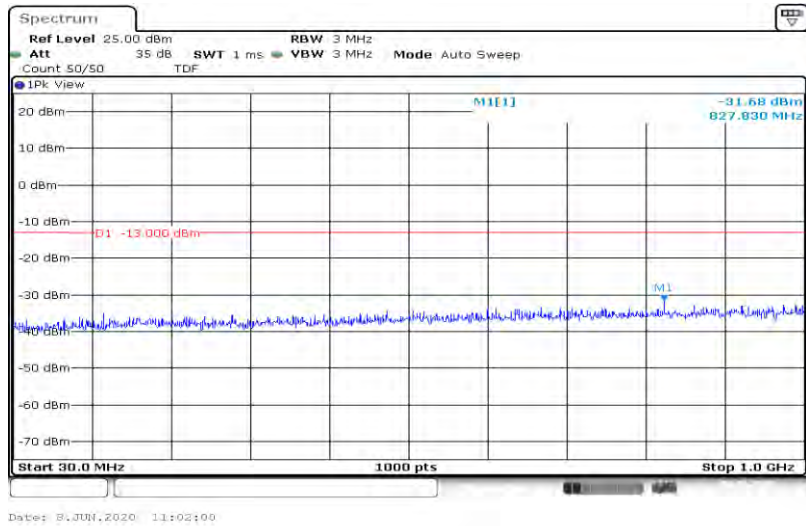
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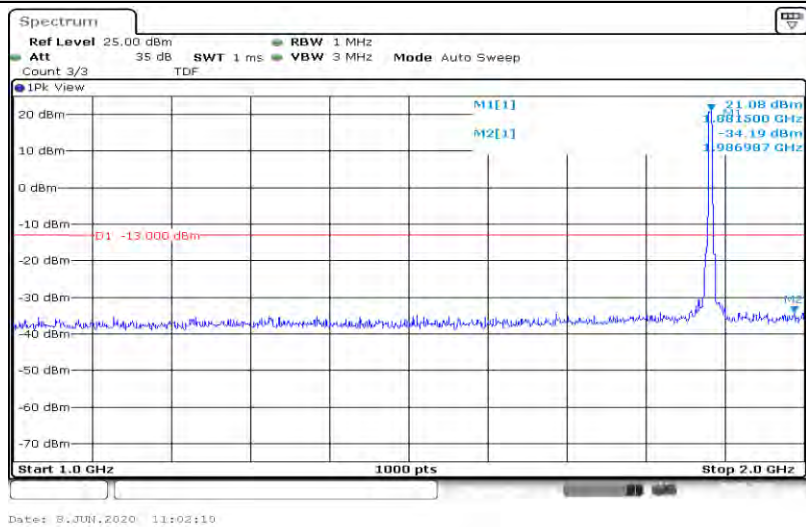
Band2-5MHz-QPSK-18625-25RB#0-Range3:2000~20000MHz



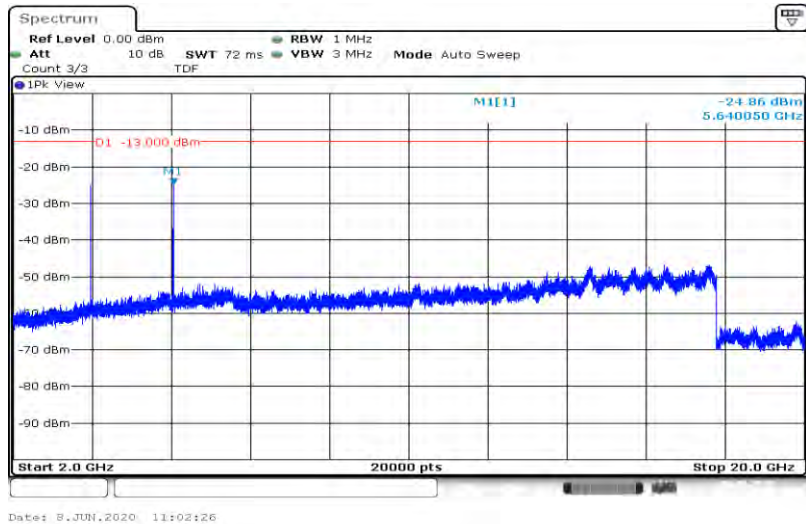
Band2-5MHz-QPSK-18900-25RB#0-Range1:30~1000MHz



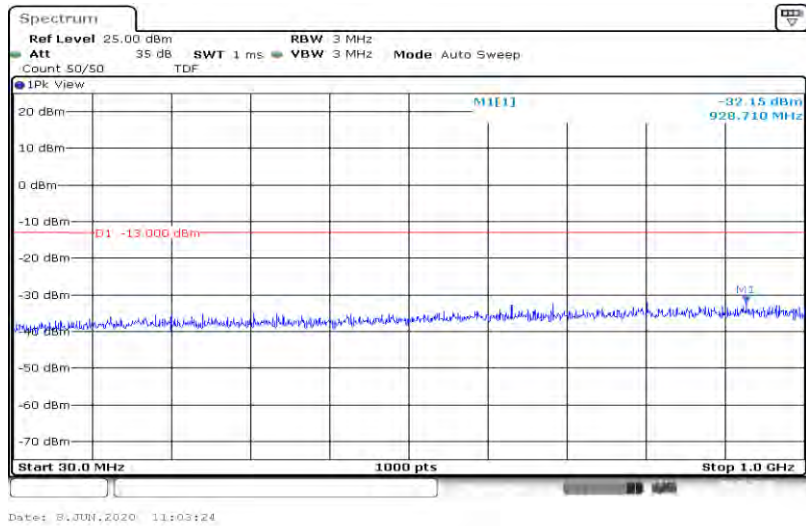
Band2-5MHz-QPSK-18900-25RB#0-Range2:1000~2000MHz



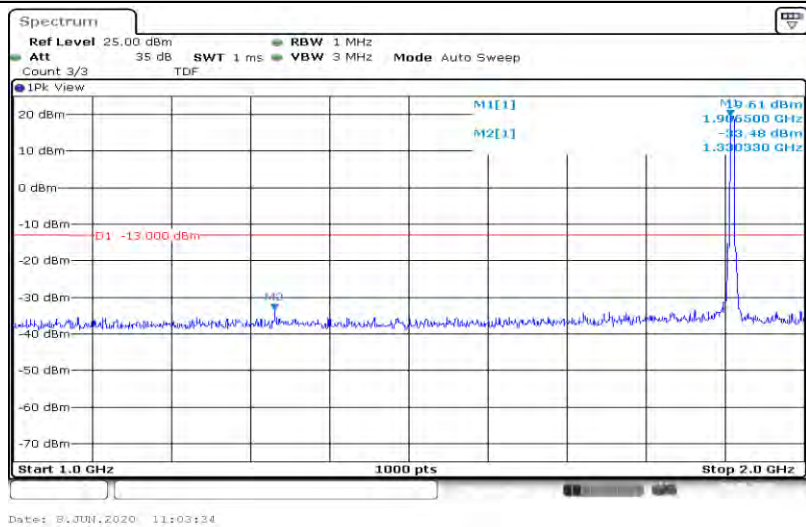
Band2-5MHz-QPSK-18900-25RB#0-Range3:2000~20000MHz



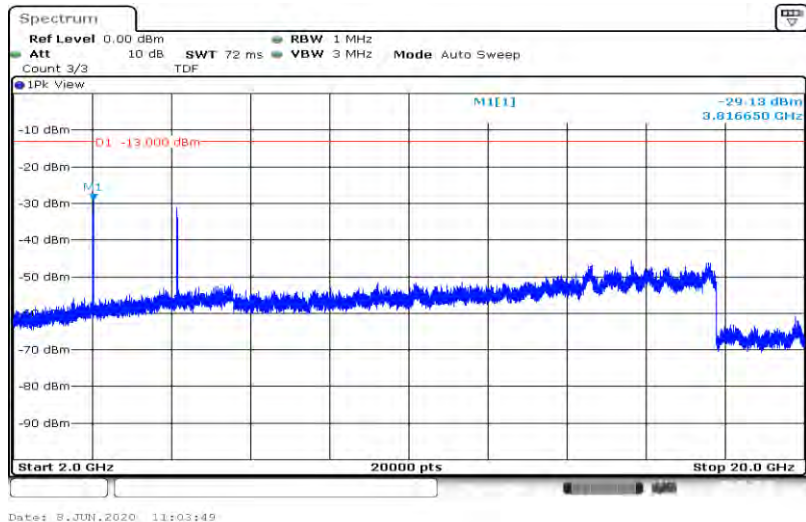
Band2-5MHz-QPSK-19175-25RB#0-Range1:30~1000MHz



Band2-5MHz-QPSK-19175-25RB#0-Range2:1000~2000MHz

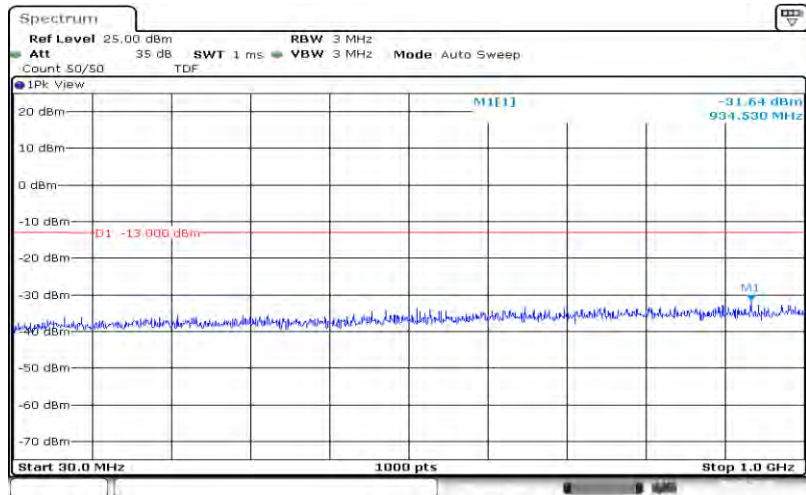


Band2-5MHz-QPSK-19175-25RB#0-Range3:2000~20000MHz



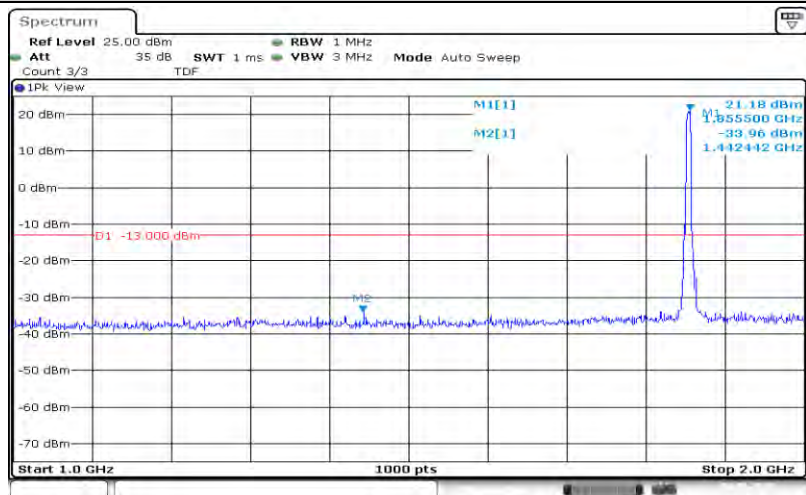
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Band2-5MHz-16QAM-18625-25RB#0-Range1:30~1000MHz



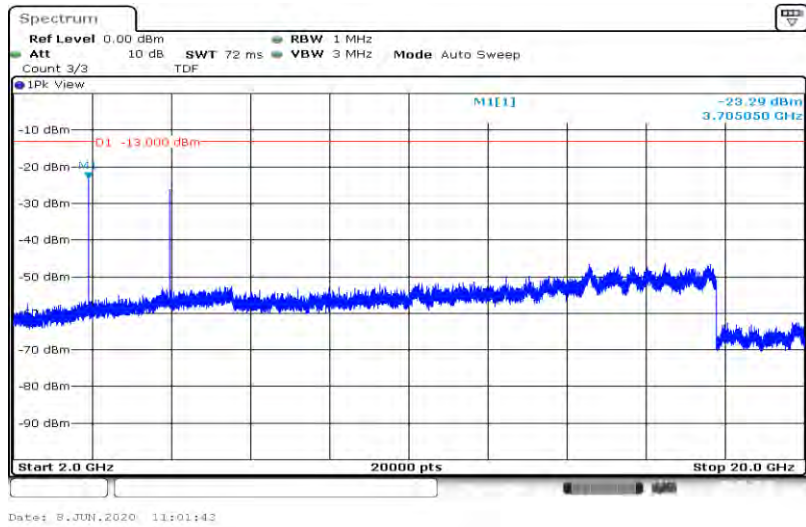
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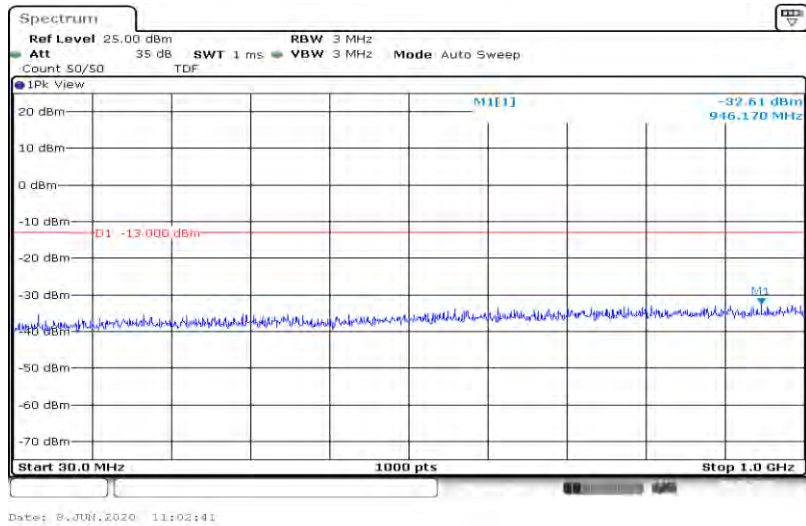


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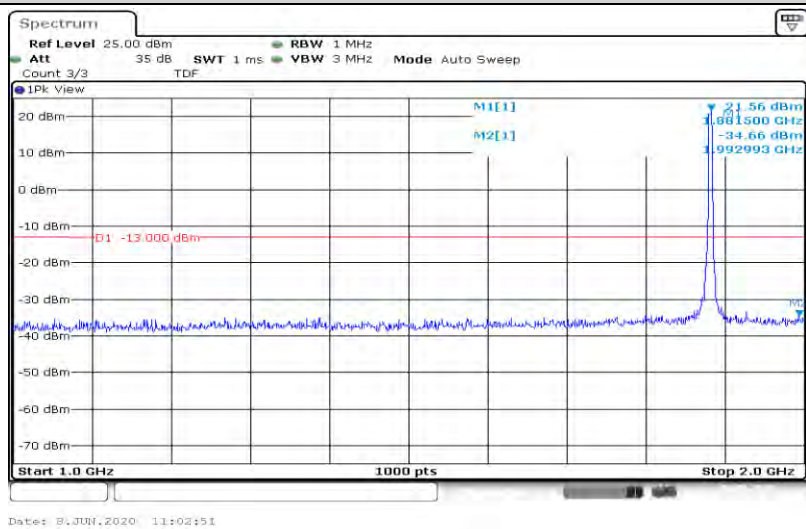
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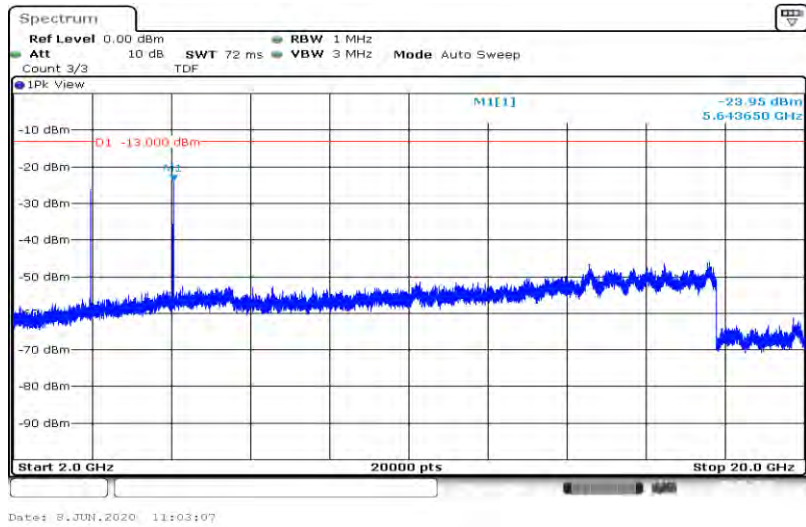
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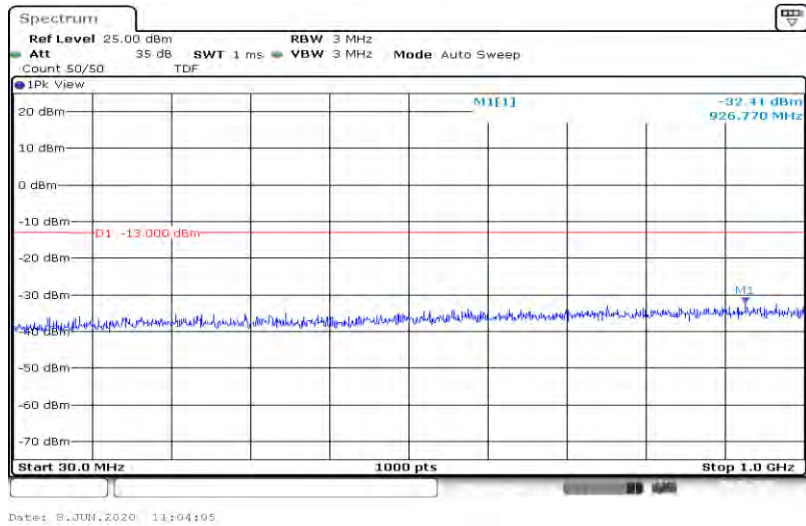
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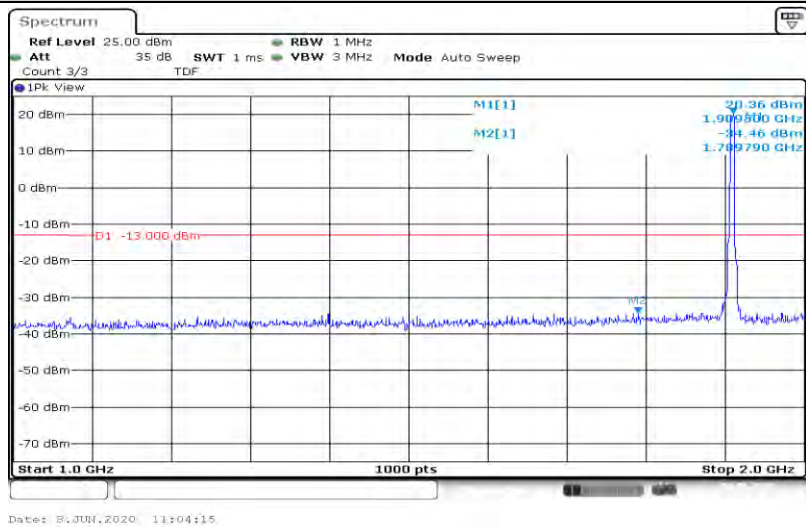
Band2-5MHz-16QAM-18900-25RB#0-Range3:2000~20000MHz



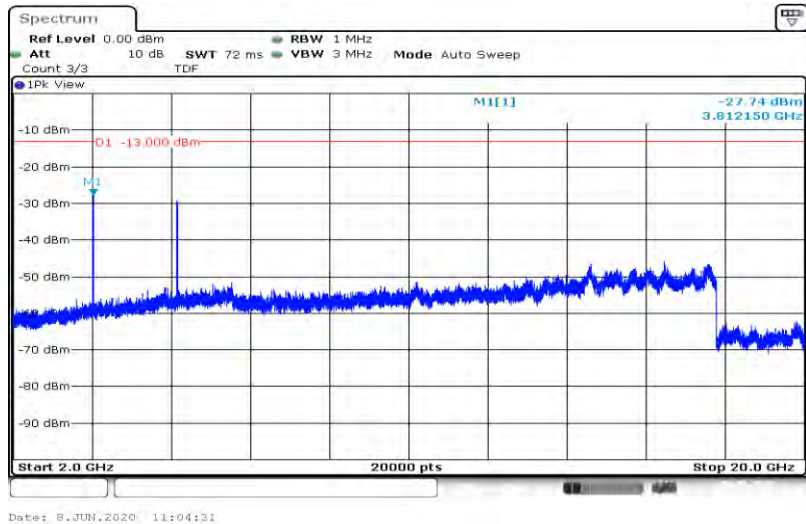
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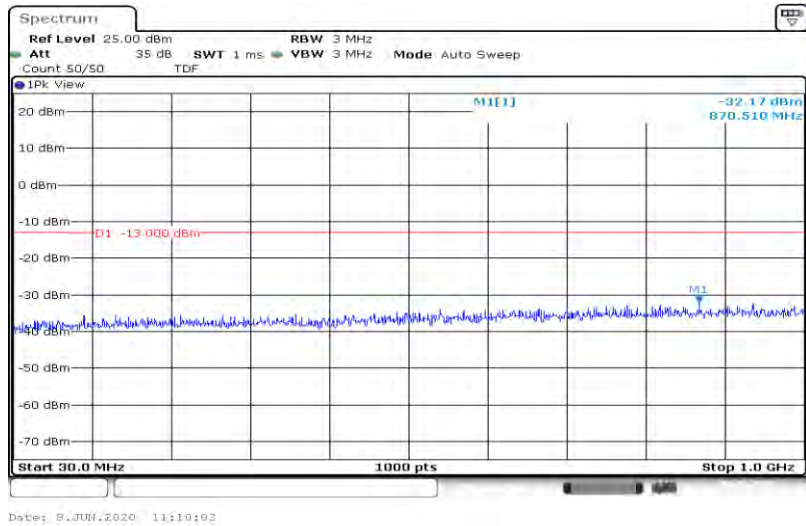
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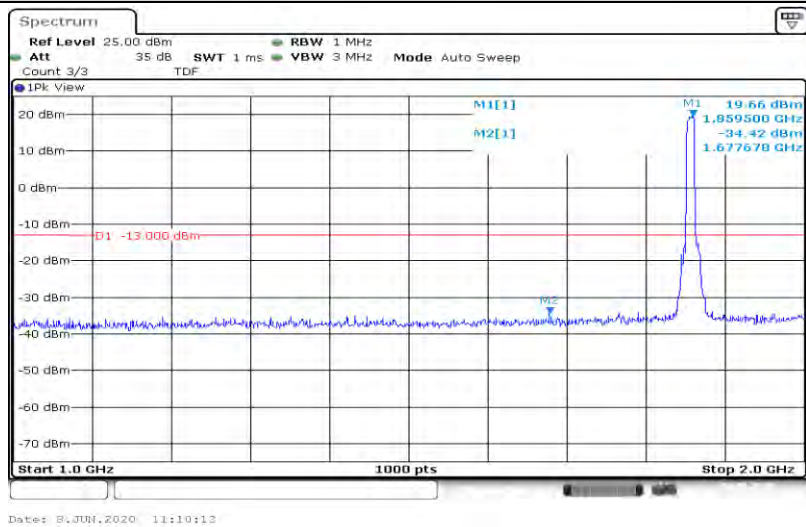
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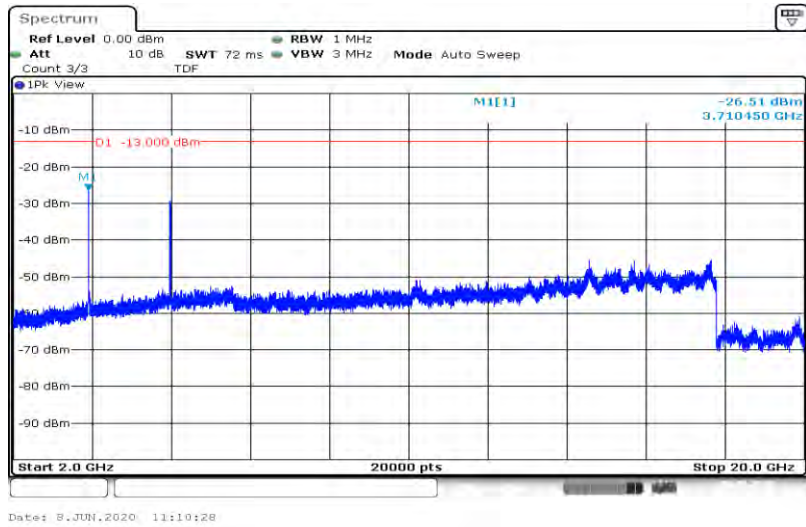
Band2-10MHz-QPSK-18650-50RB#0-Range1:30~100MHz



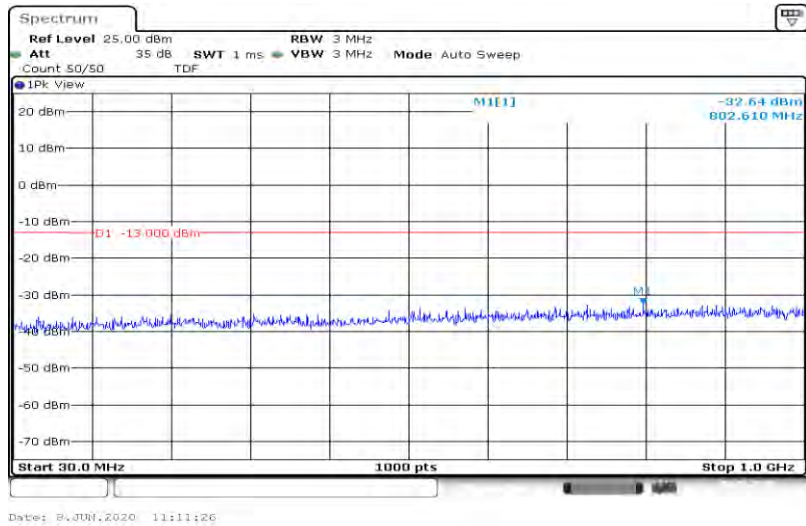
Band2-10MHz-QPSK-18650-50RB#0-Range2:1000~2000MHz



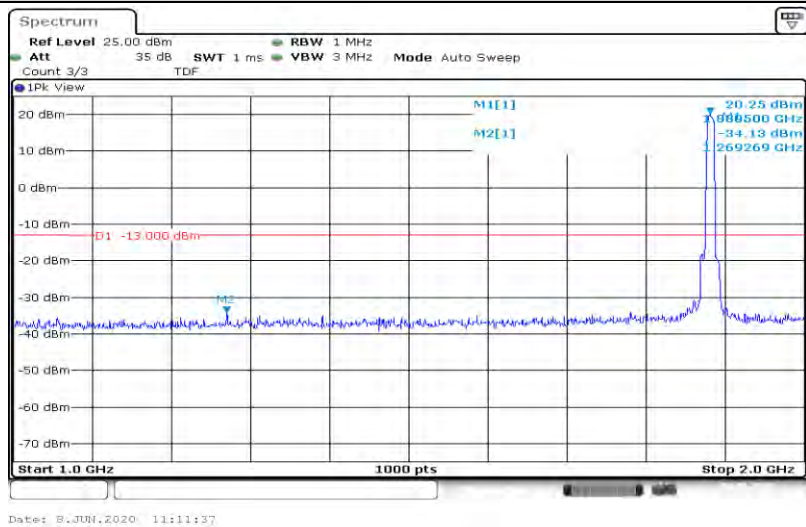
Band2-10MHz-QPSK-18650-50RB#0-Range3:2000~20000MHz



Band2-10MHz-QPSK-18900-50RB#0-Range1:30~1000MHz

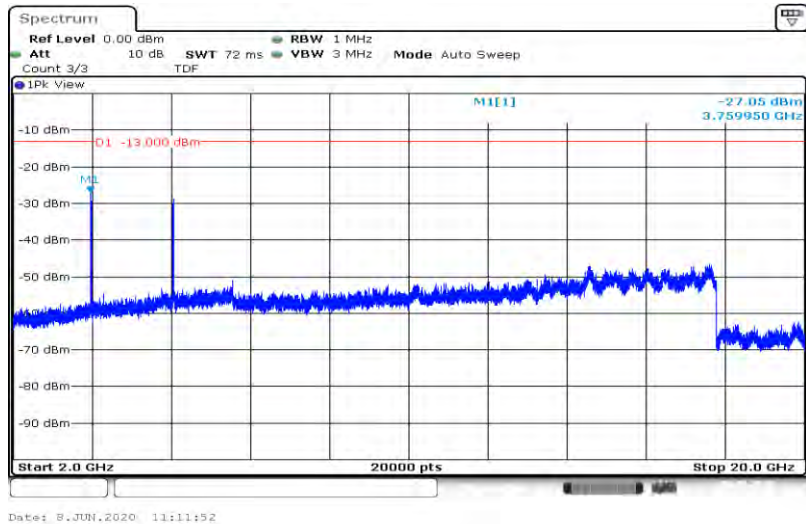


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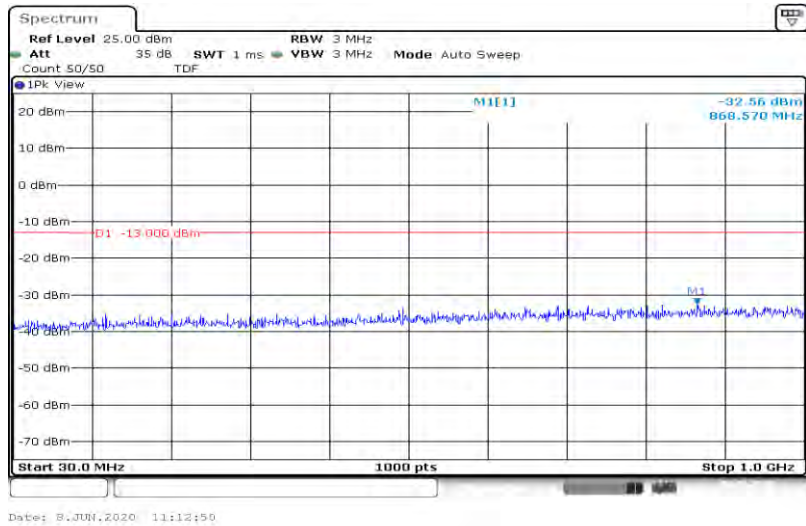


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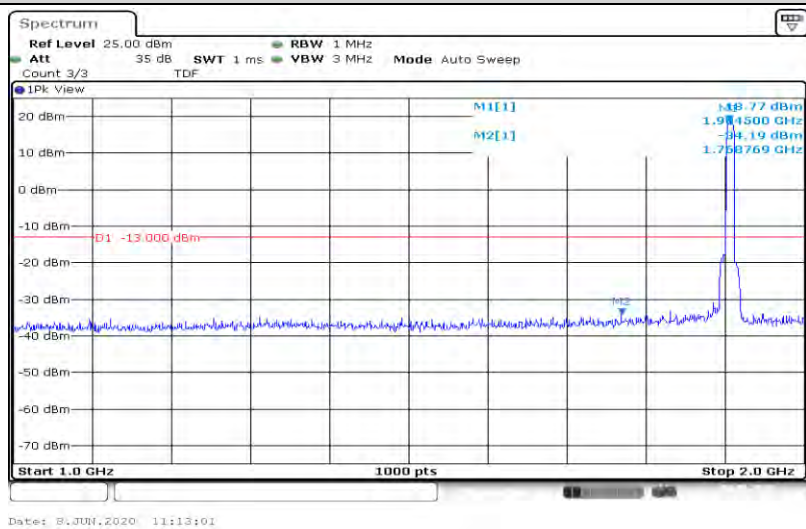




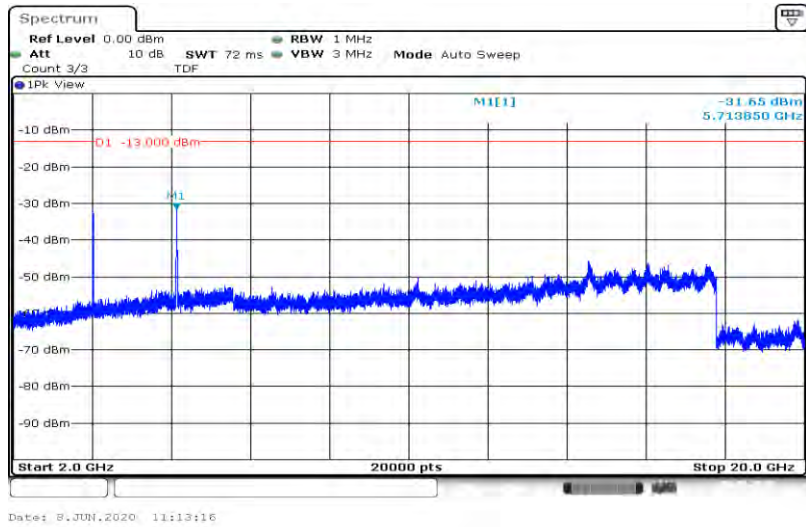
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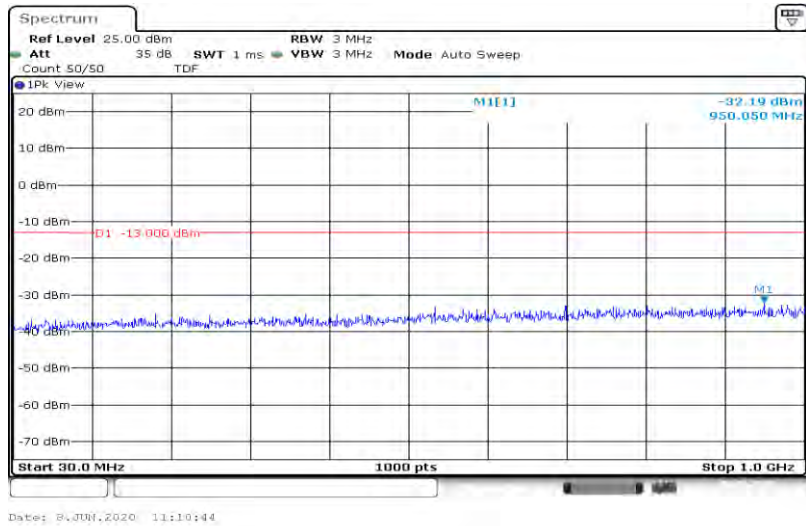
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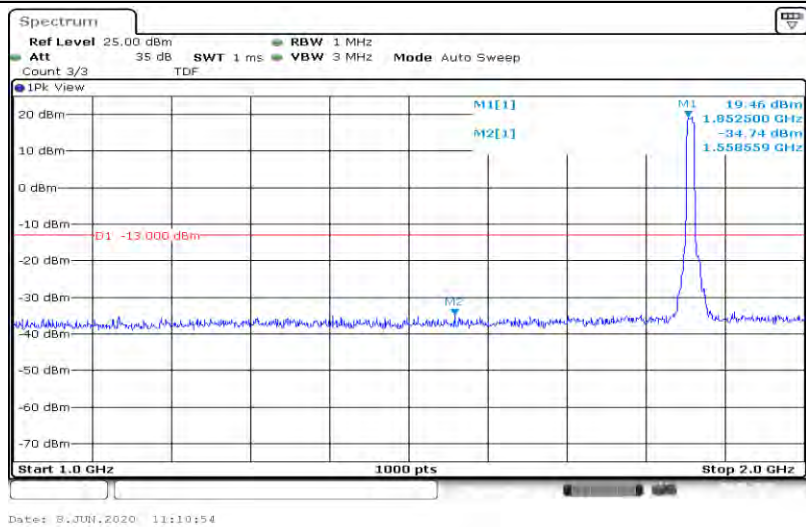
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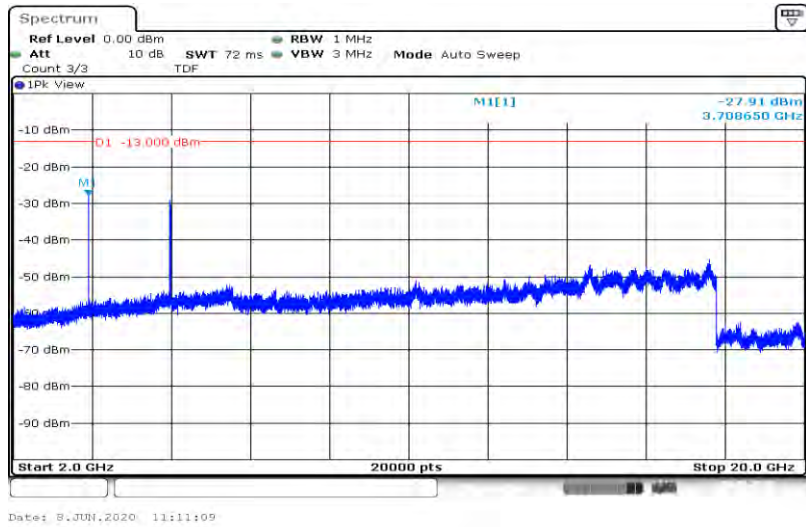
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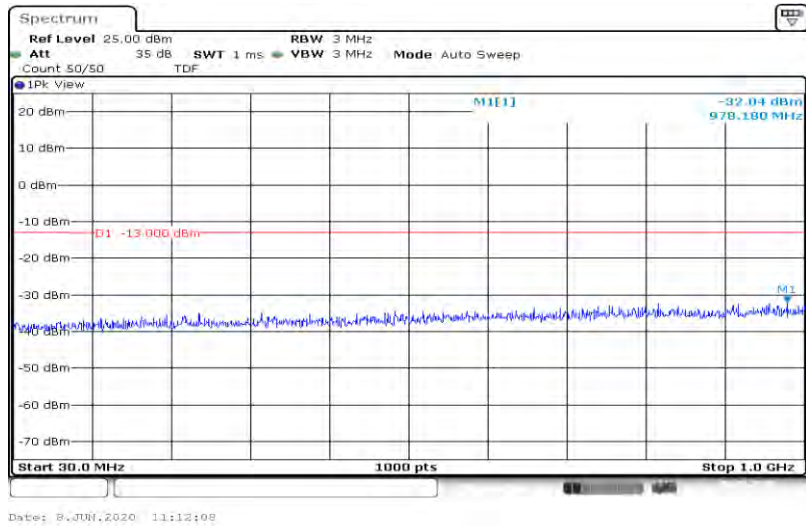
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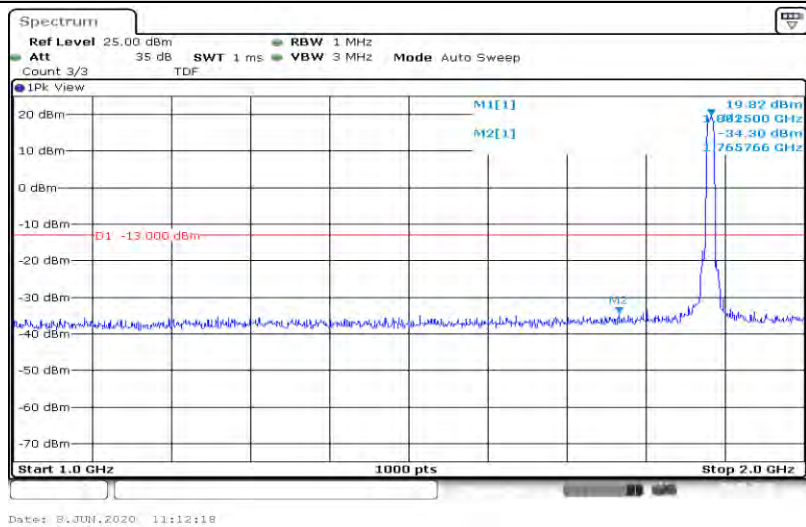
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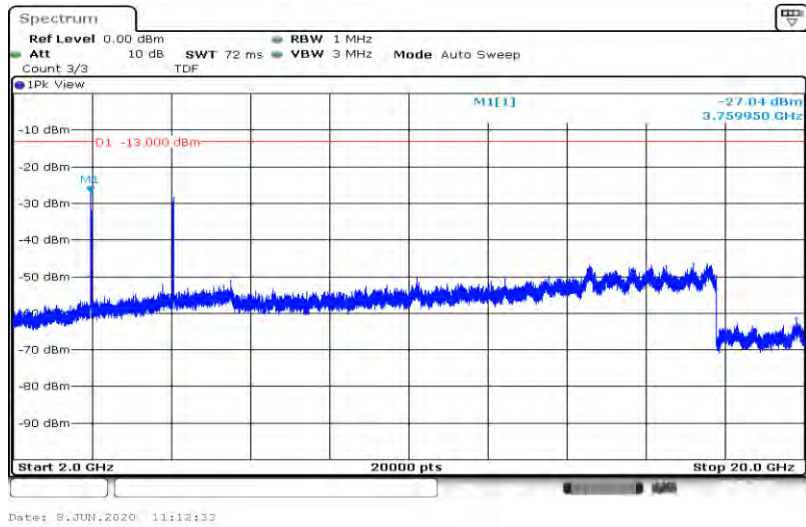
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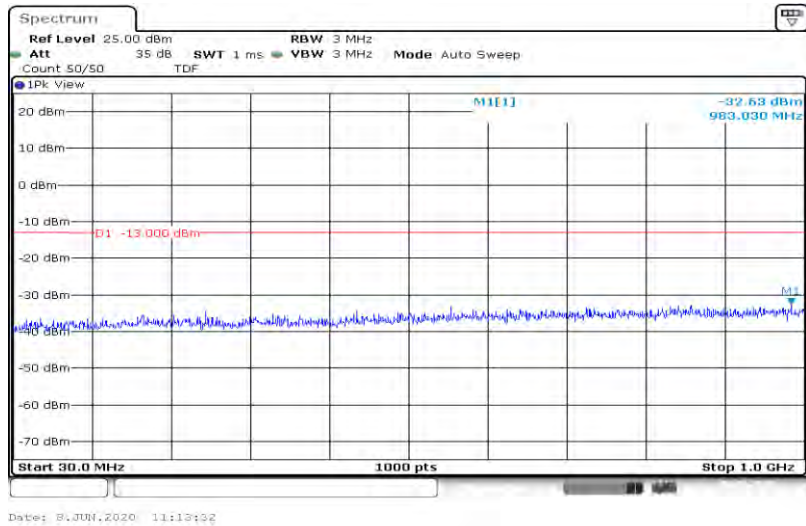
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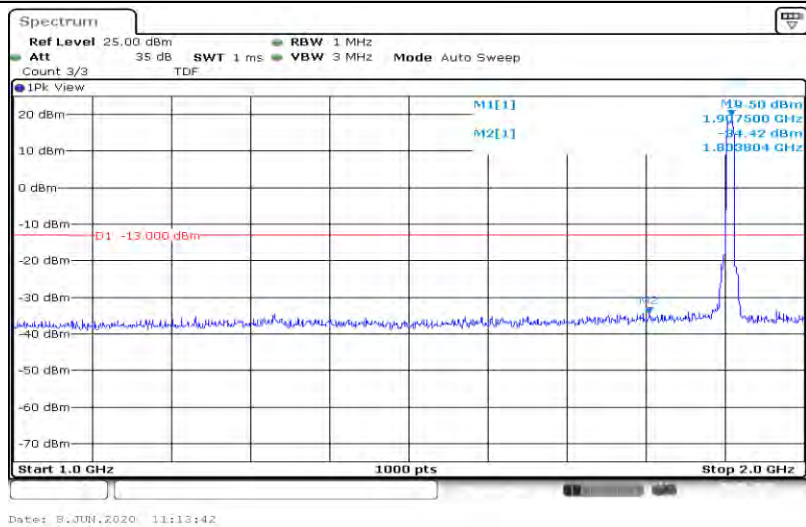
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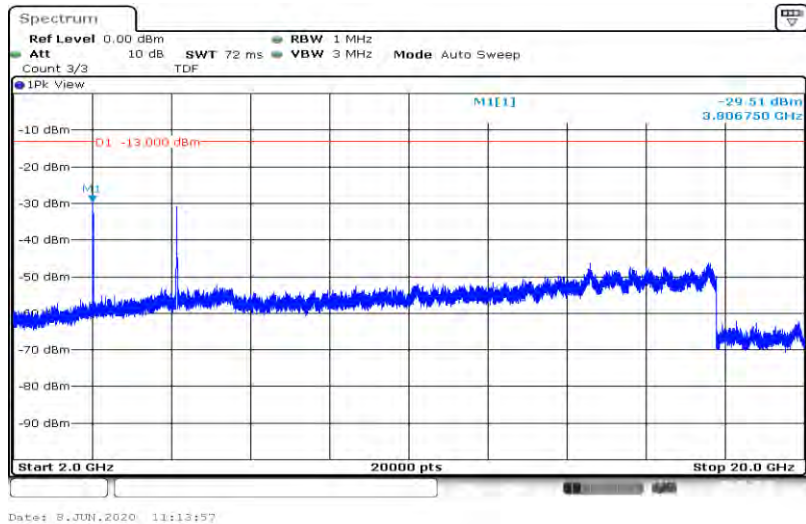
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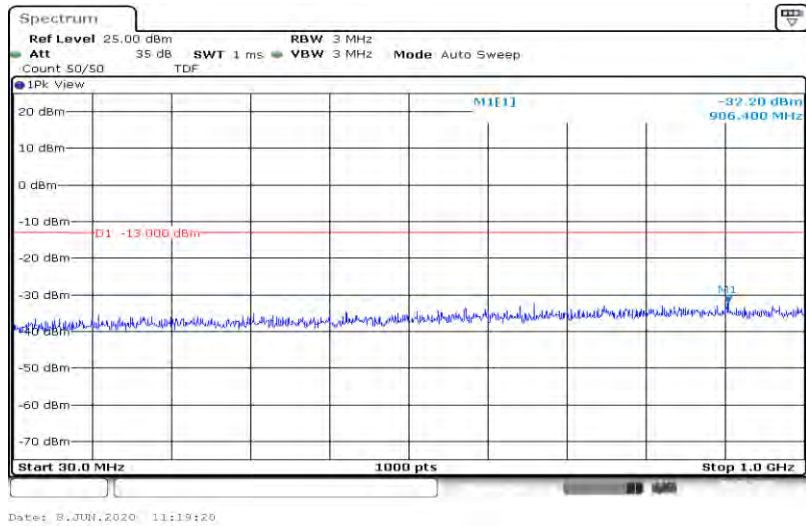
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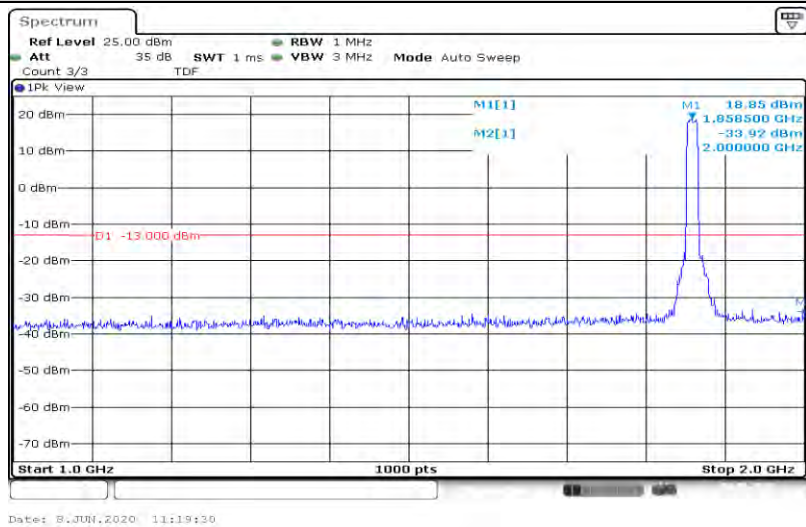
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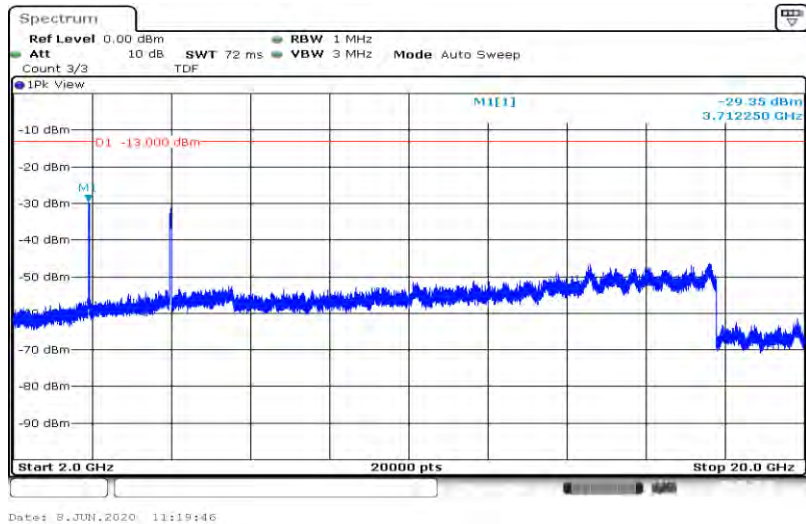
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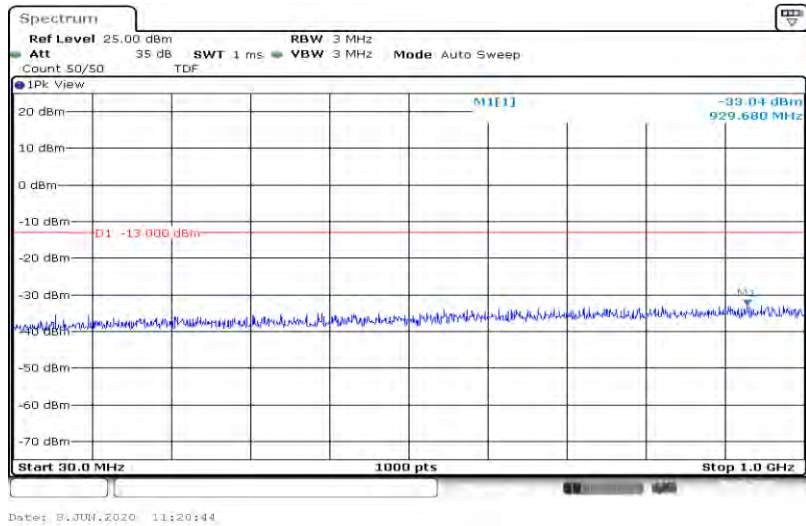
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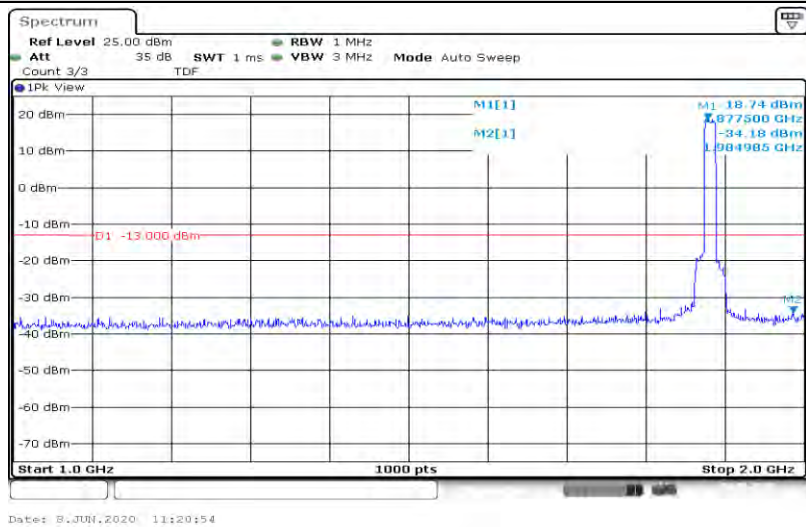
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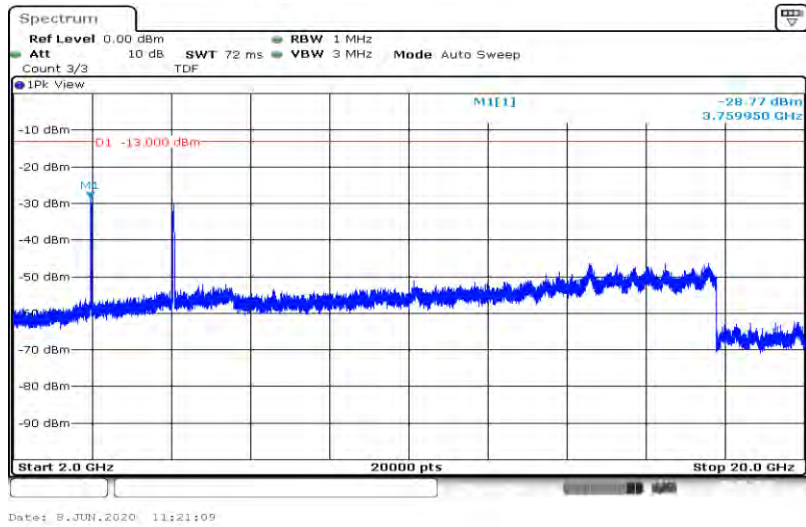
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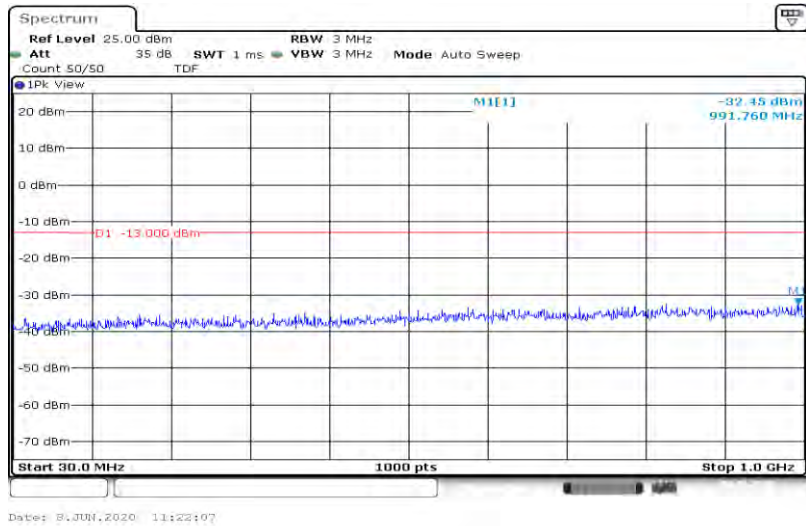
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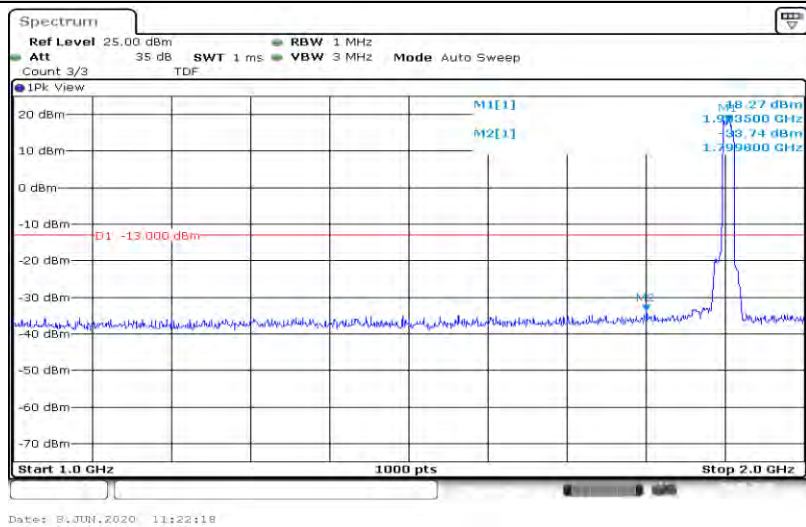
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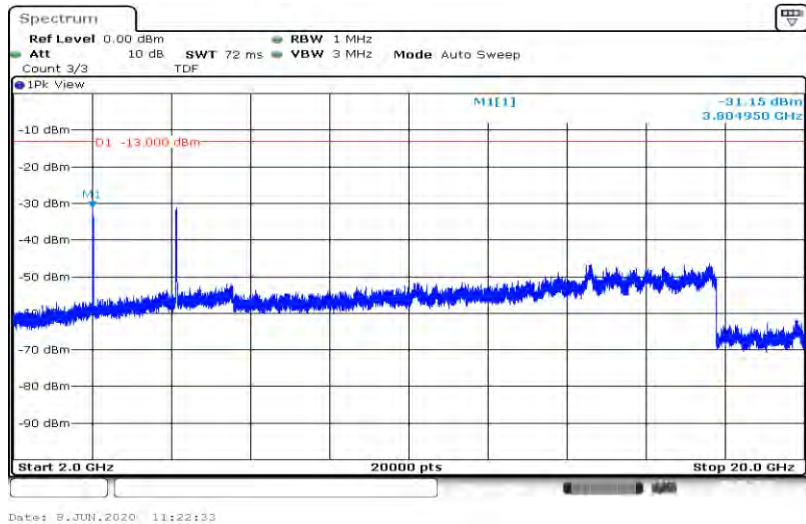
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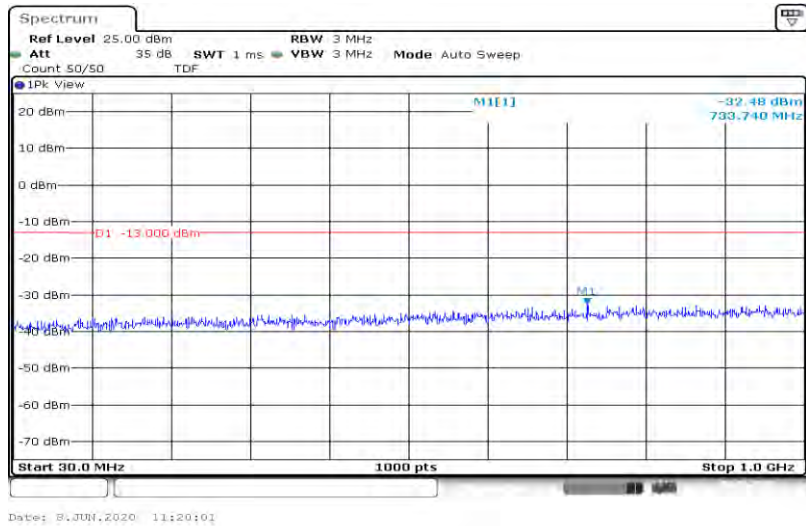
Band2-15MHz-QPSK-19125-75RB#0-Range2:1000~2000MHz



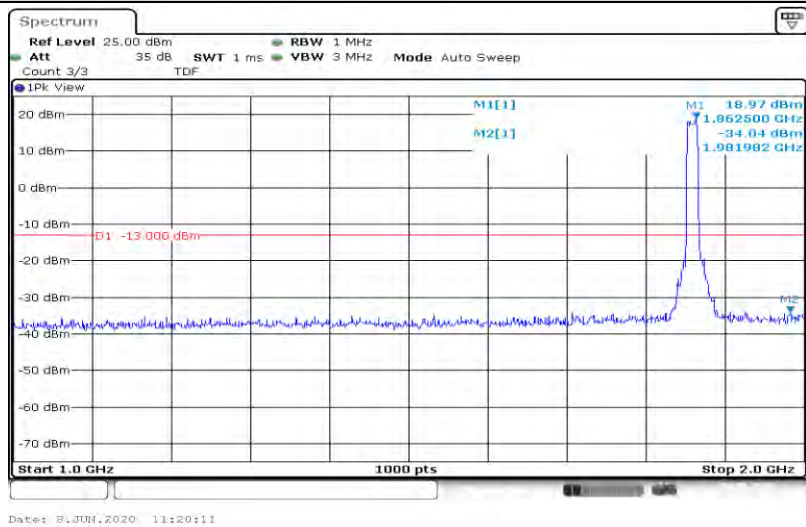
Band2-15MHz-QPSK-19125-75RB#0-Range3:2000~20000MHz



Band2-15MHz-16QAM-18675-75RB#0-Range1:30~1000MHz

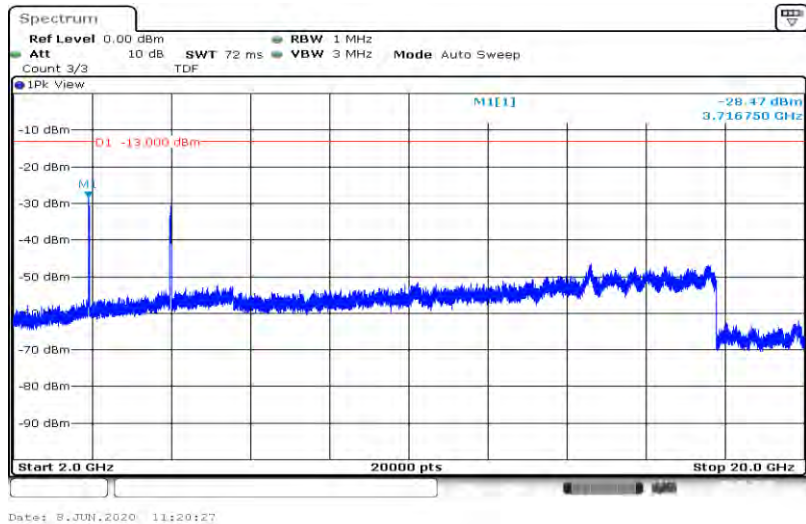


Band2-15MHz-16QAM-18675-75RB#0-Range2:1000~2000MHz

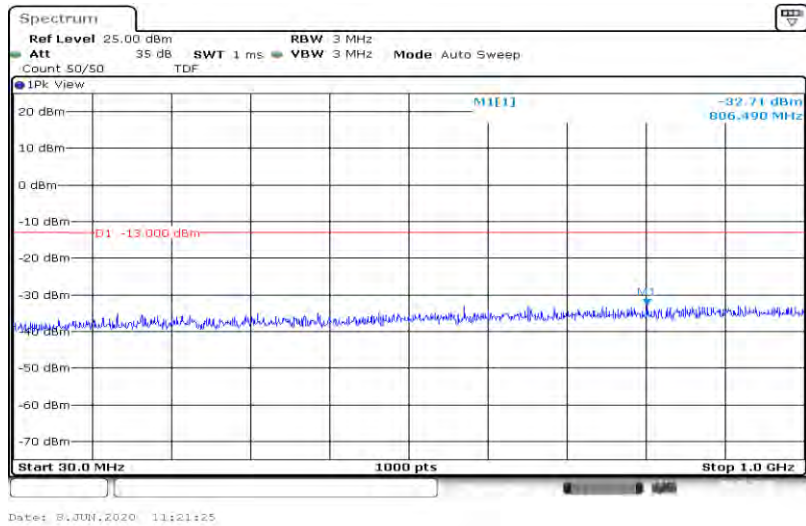


Band2-15MHz-16QAM-18675-75RB#0-Range3:2000~20000MHz

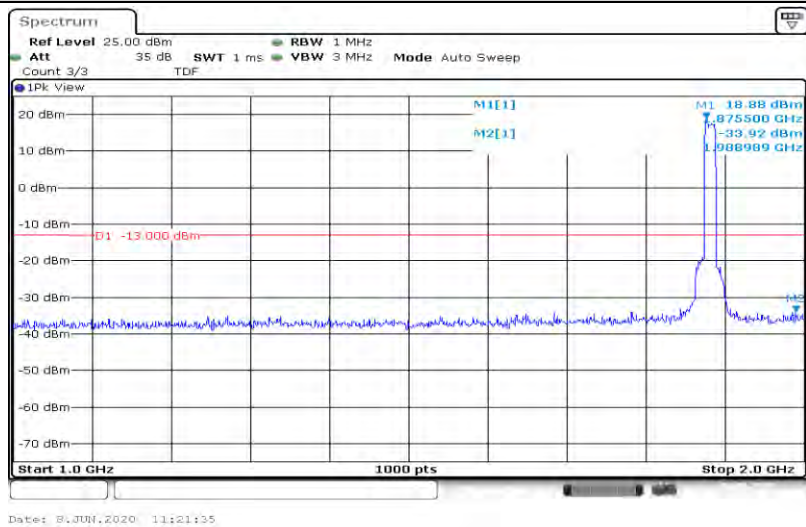




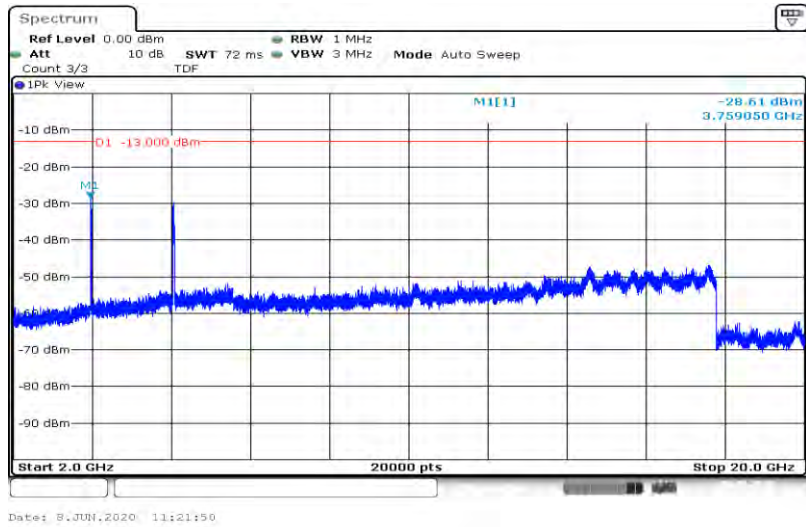
Band2-15MHz-16QAM-18900-75RB#0-Range1:30~1000MHz



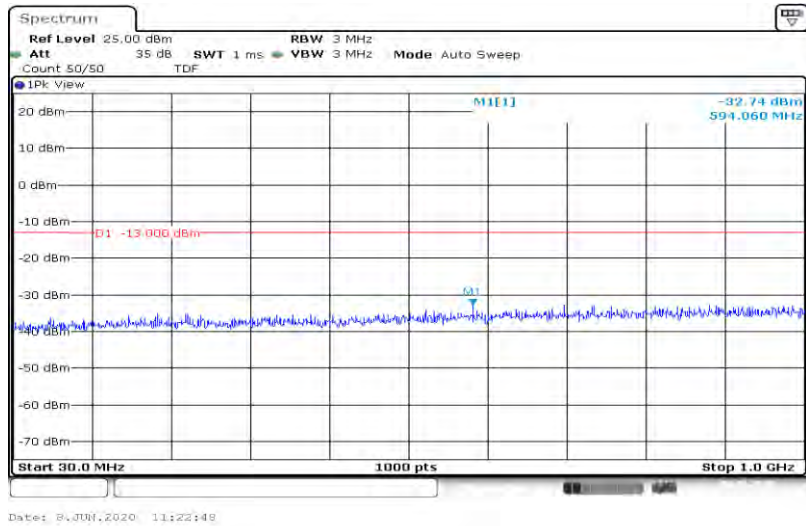
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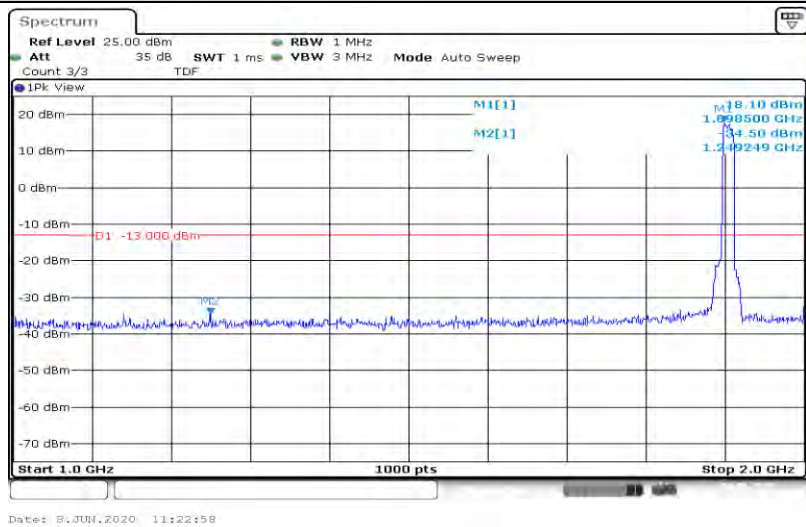
Band2-15MHz-16QAM-18900-75RB#0-Range3:2000~20000MHz



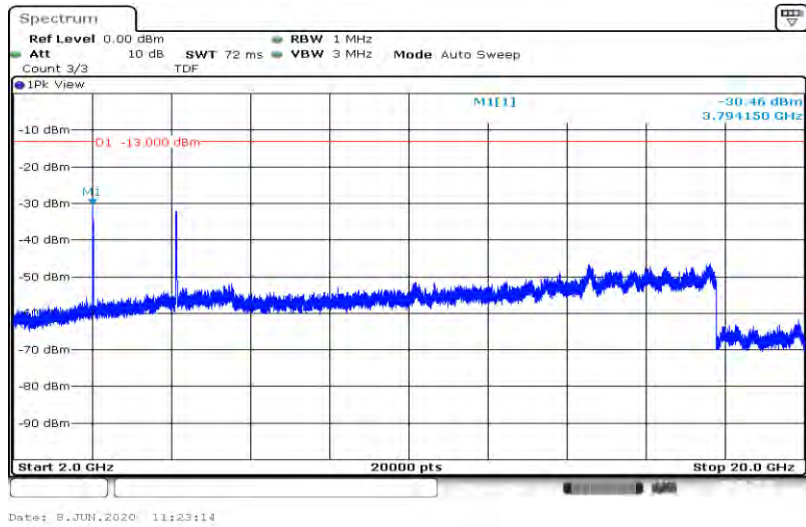
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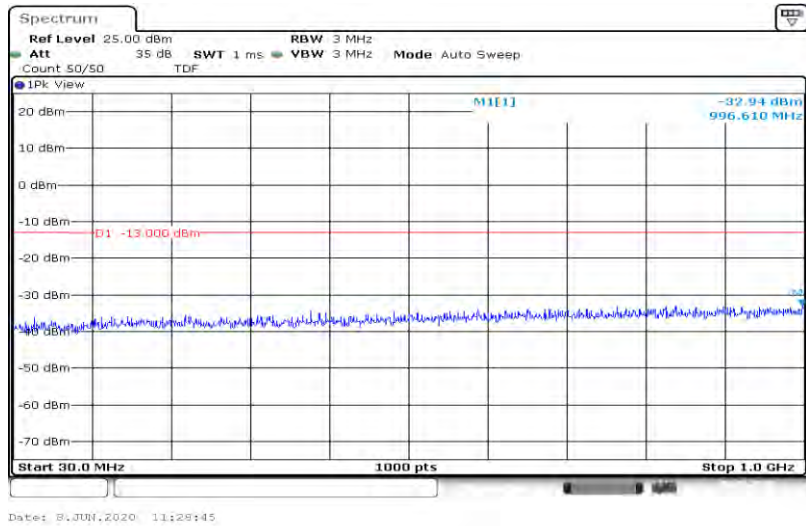
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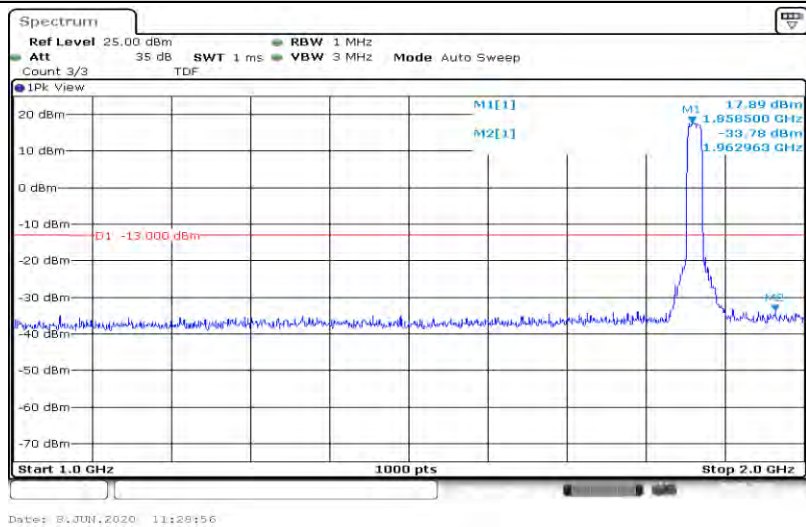
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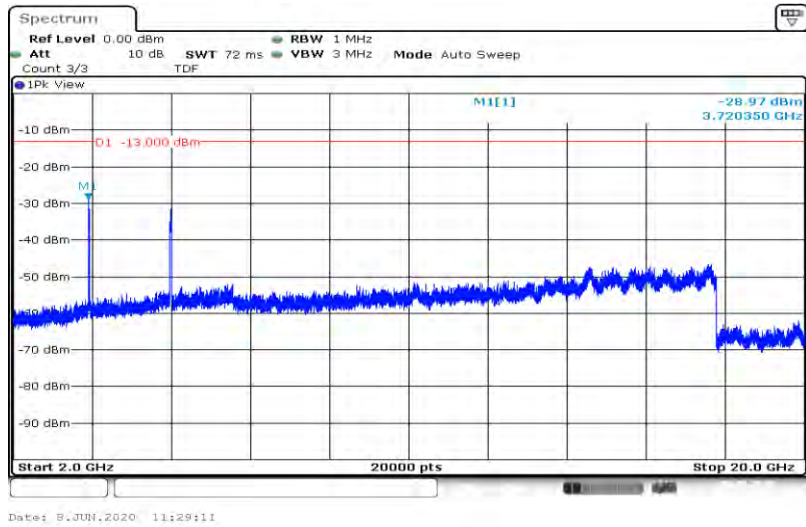
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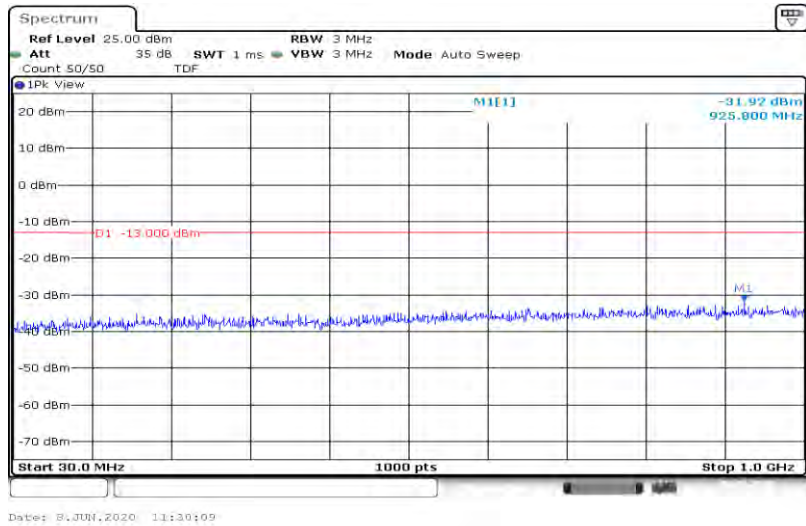
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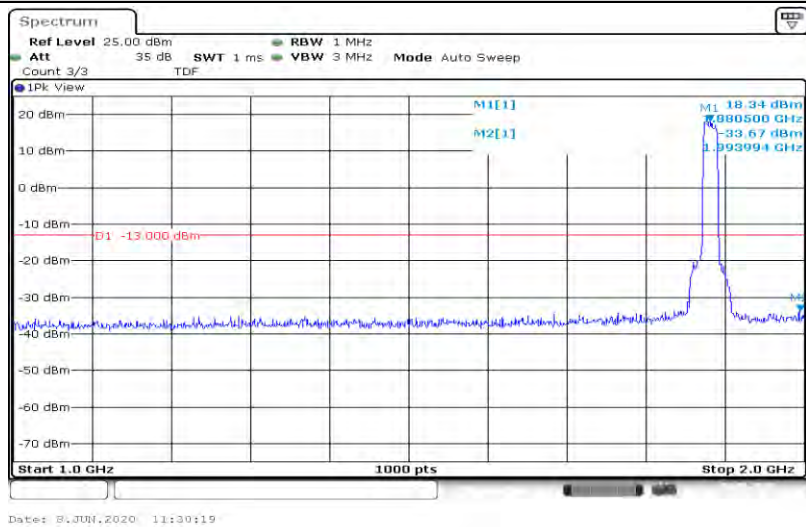
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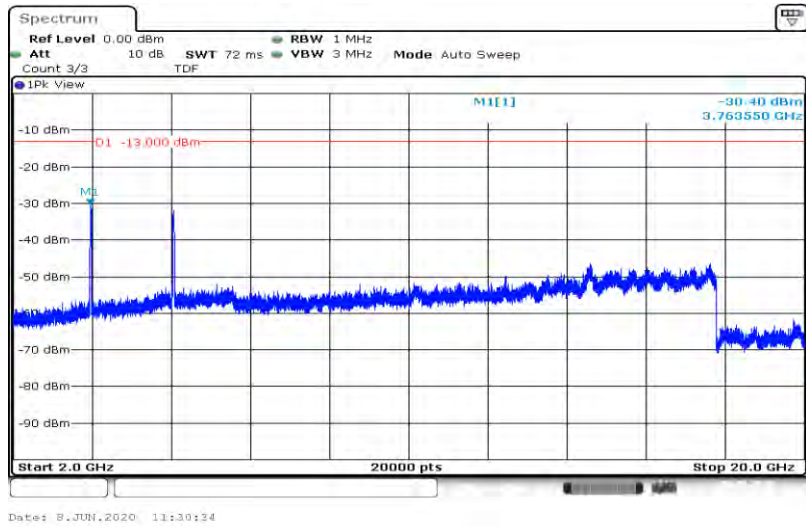
Band2-20MHz-QPSK-18900-100RB#0-Range1:30~1000MHz



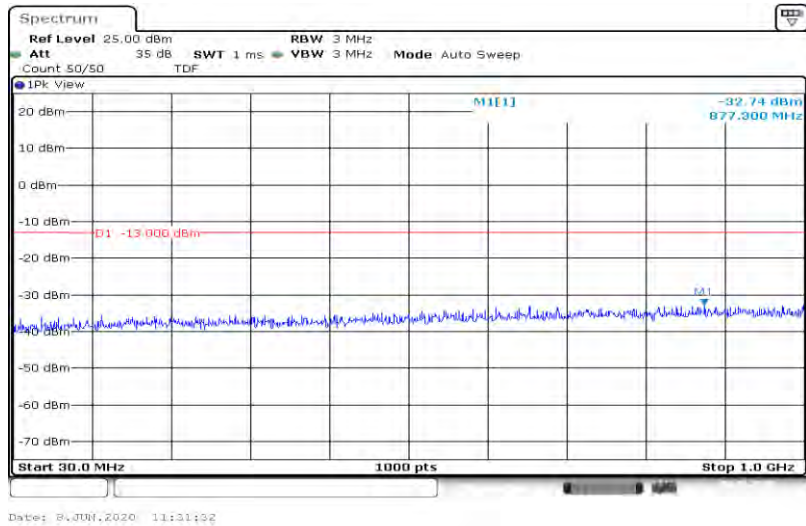
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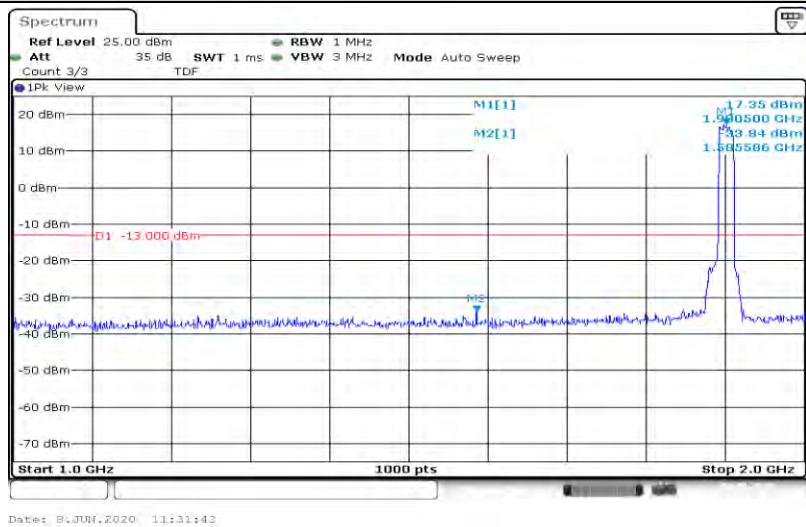
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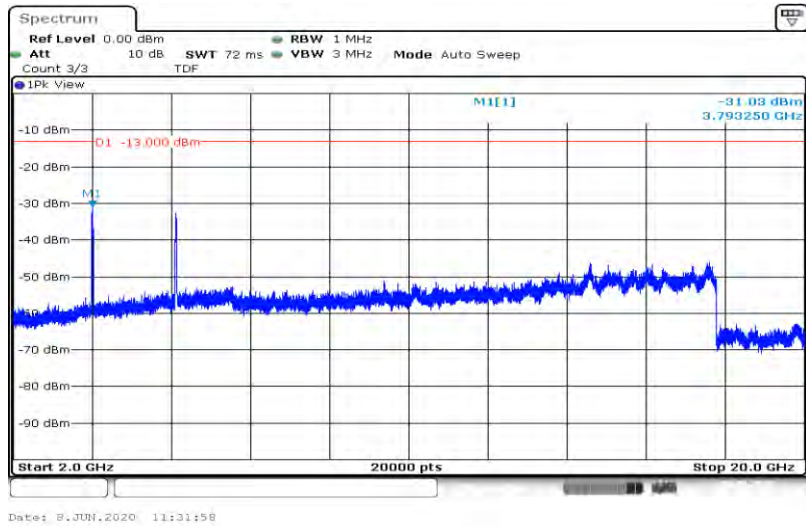
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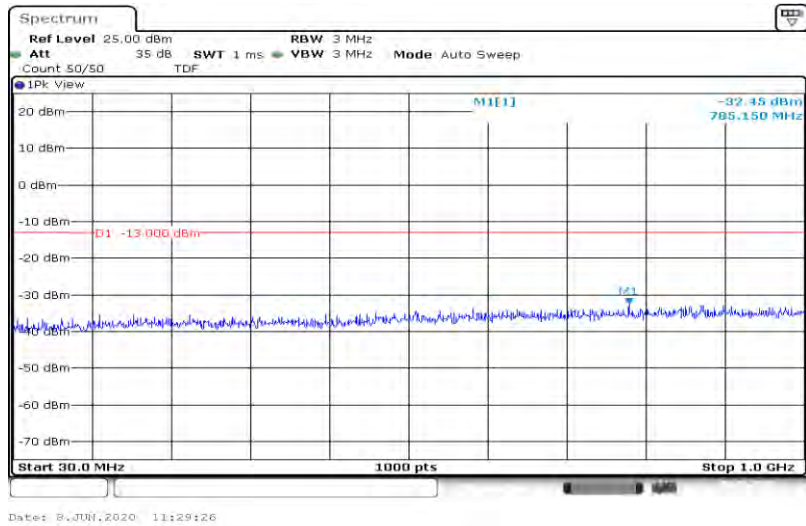
Band2-20MHz-QPSK-19100-100RB#0-Range2:1000~2000MHz



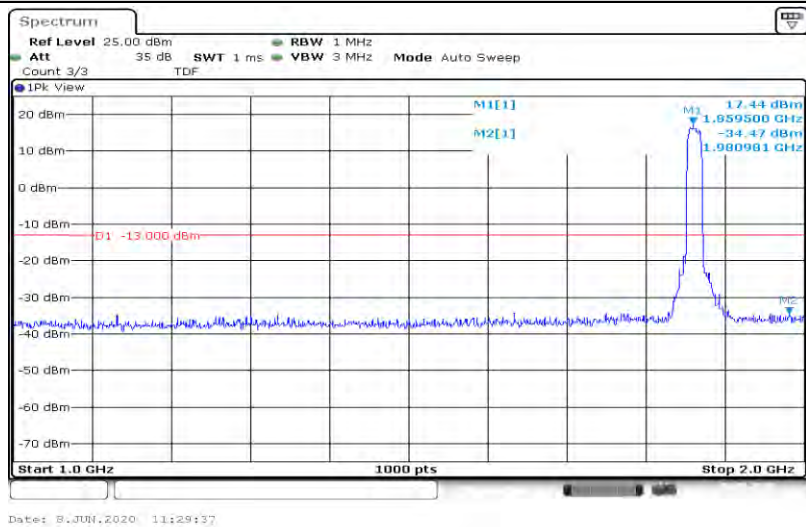
Band2-20MHz-QPSK-19100-100RB#0-Range3:2000~20000MHz



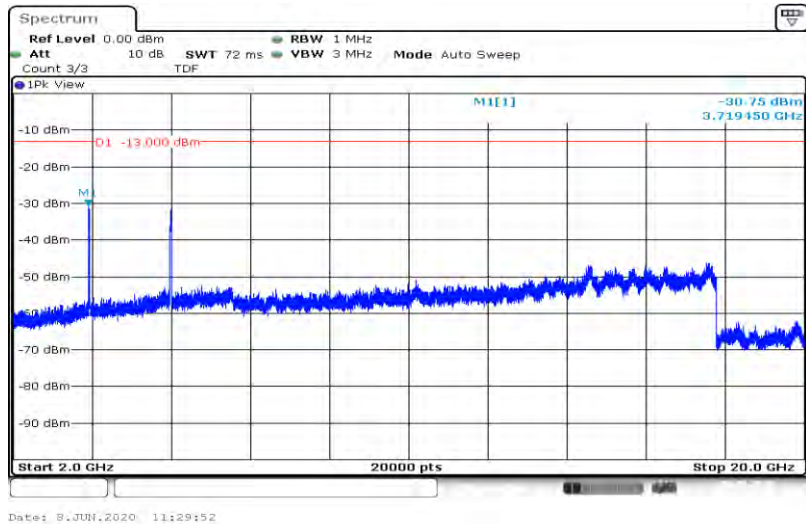
Band2-20MHz-16QAM-18700-100RB#0-Range1:30~1000MHz



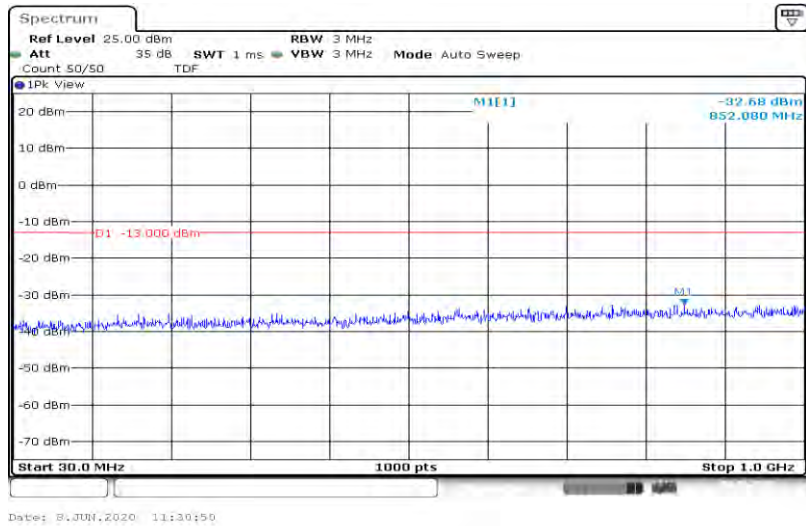
Band2-20MHz-16QAM-18700-100RB#0-Range2:1000~2000MHz



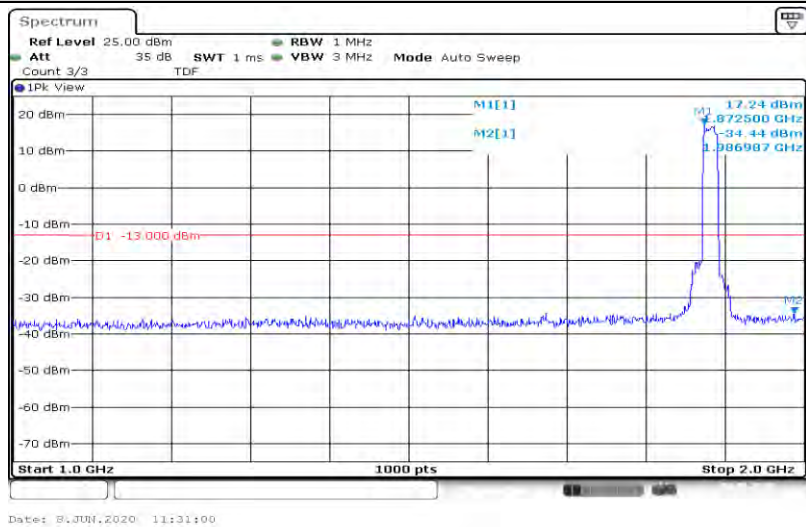
Band2-20MHz-16QAM-18700-100RB#0-Range3:2000~20000MHz



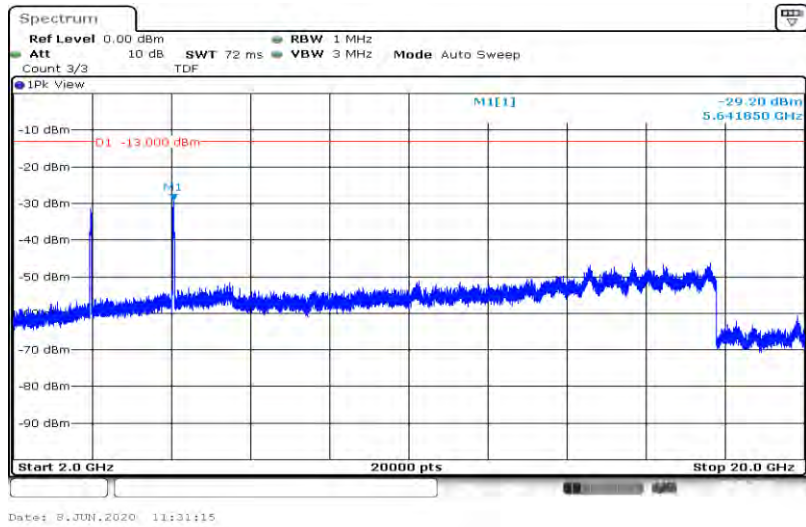
Band2-20MHz-16QAM-18900-100RB#0-Range1:30~1000MHz



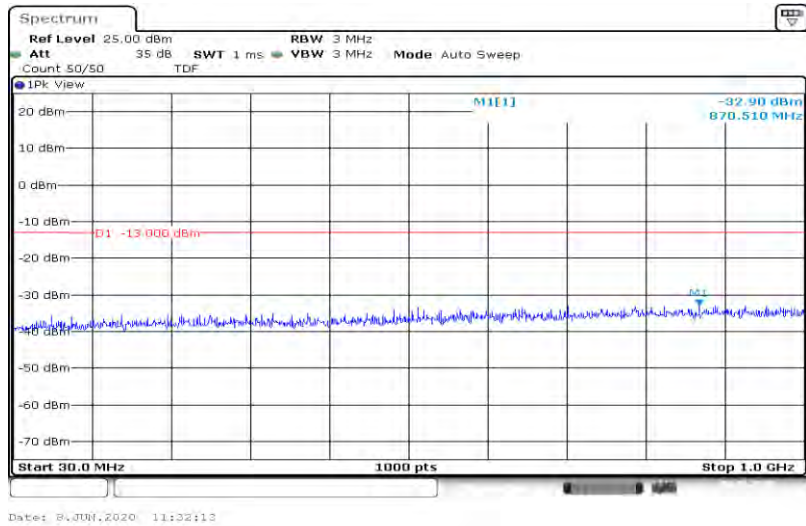
Band2-20MHz-16QAM-18900-100RB#0-Range2:1000~2000MHz



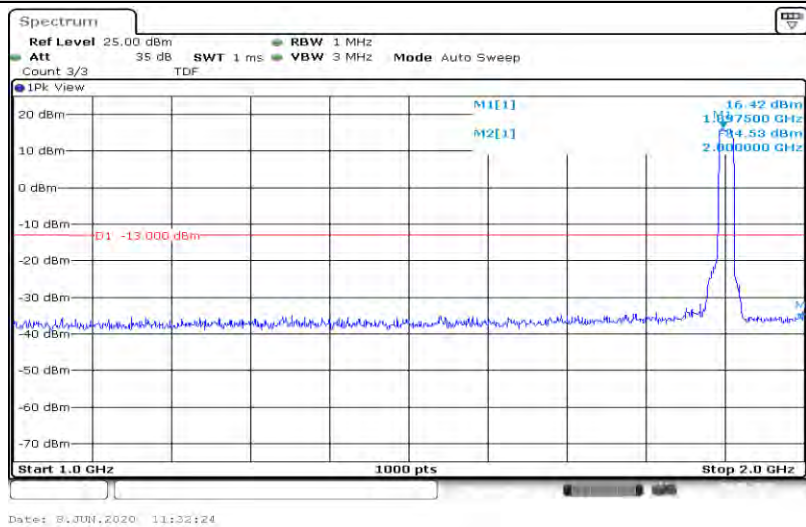
Band2-20MHz-16QAM-18900-100RB#0-Range3:2000~20000MHz



Band2-20MHz-16QAM-19100-100RB#0-Range1:30~1000MHz

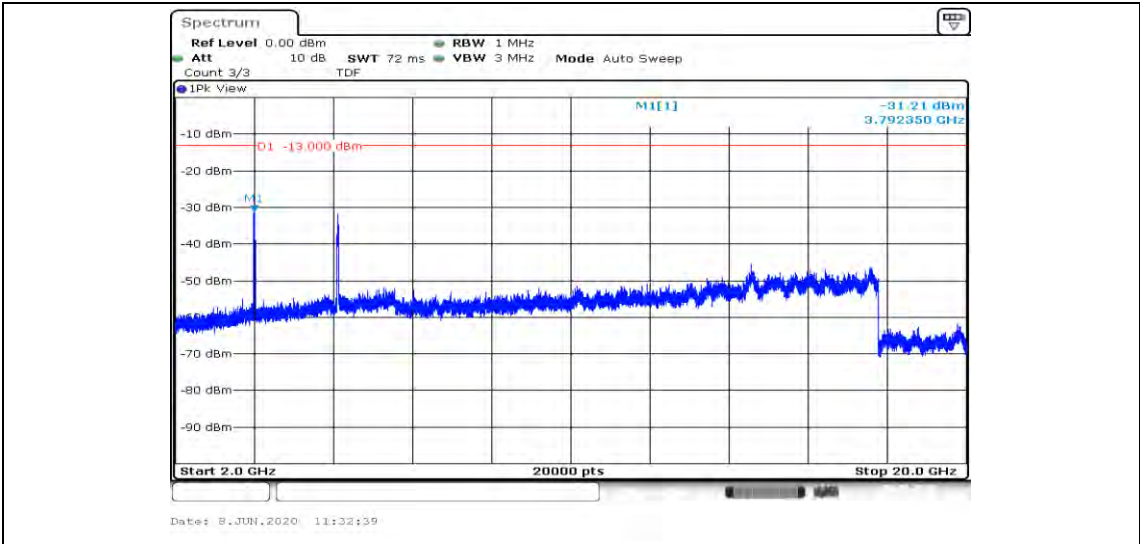


Band2-20MHz-16QAM-19100-100RB#0-Range2:1000~2000MHz



Band2-20MHz-16QAM-19100-100RB#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
@FCC_Frequency_stability@										
BandName	Bandwidth	Modulation	Channel	RBcfg	VolValue	TempValue	ValueHz	ValuePpm	Limit	Verdict

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
@FCC_Frequency_stability_Temperature@										
BandName	Bandwidth	Modulation	Channel	RBcfg	VolValue	TempValue	ValueHz	ValuePpm	Limit	Verdict