

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

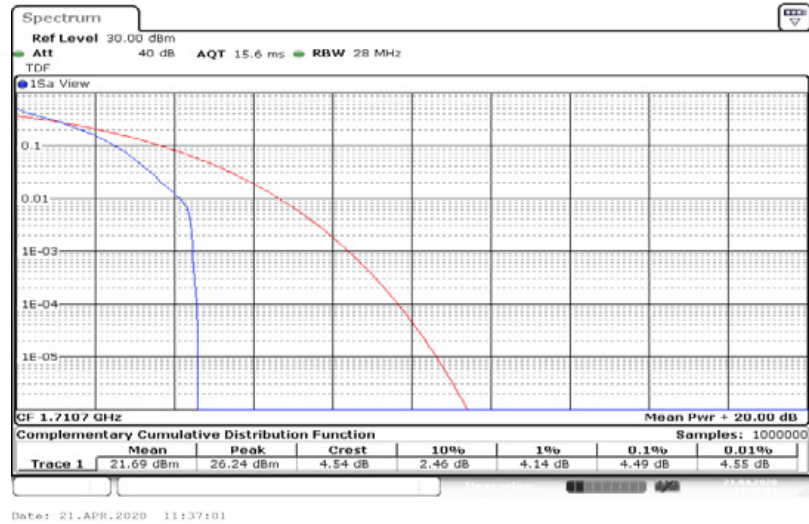
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	4.49	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	4.90	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	4.29	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.90	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	4.43	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.10	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	5.59	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.77	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	5.22	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.94	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	5.51	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.86	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	4.96	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	4.96	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.10	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	5.86	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.91	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.00	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.93	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.87	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.07	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.91	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.77	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	6.06	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	4.99	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	4.81	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.13	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	5.91	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.74	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.00	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.13	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.10	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.10	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.00	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	5.97	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	5.94	13	PASS

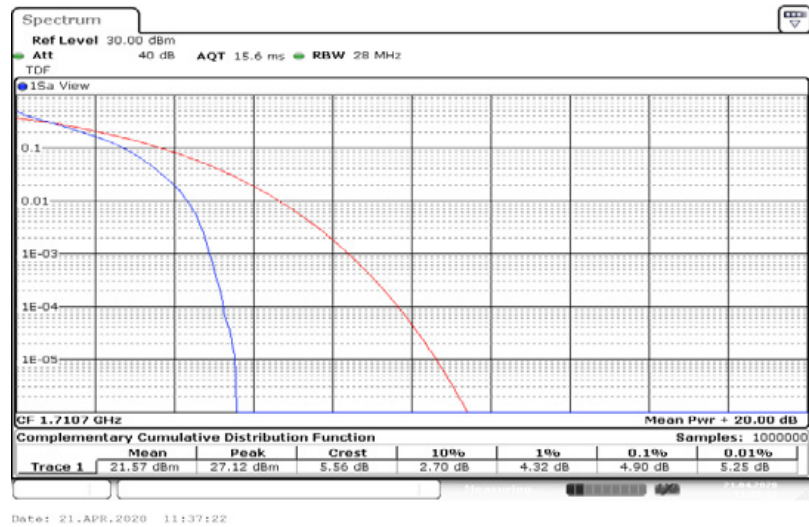
Band4	20MHz	QPSK	20050	100RB#0	8.49	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	8.46	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	8.46	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.94	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.91	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.88	13	PASS

Test Graphs

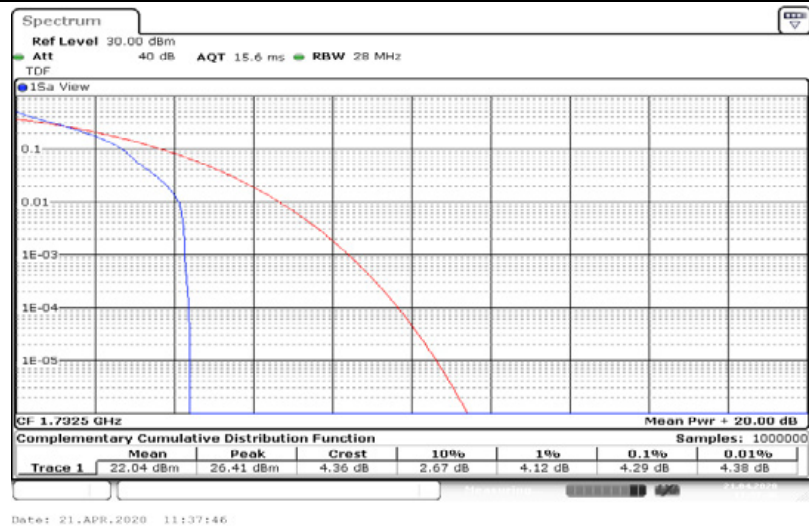
Band4-1.4MHz-QPSK-19957-1RB#0



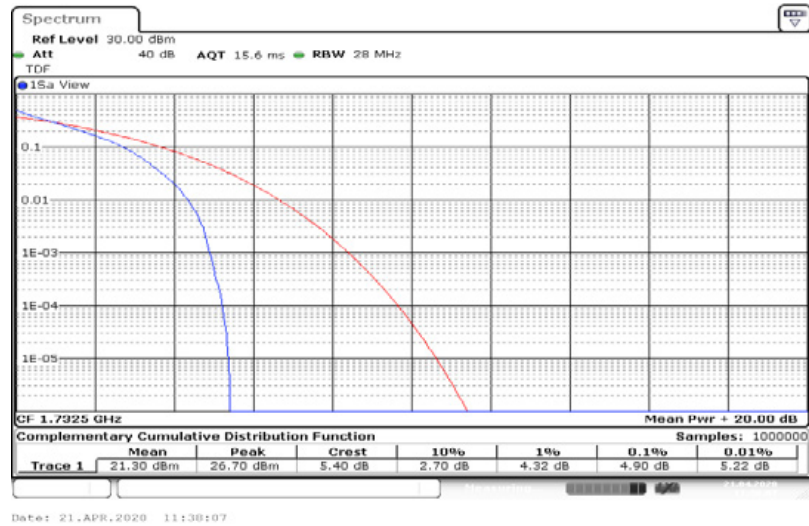
Band4-1.4MHz-QPSK-19957-6RB#0



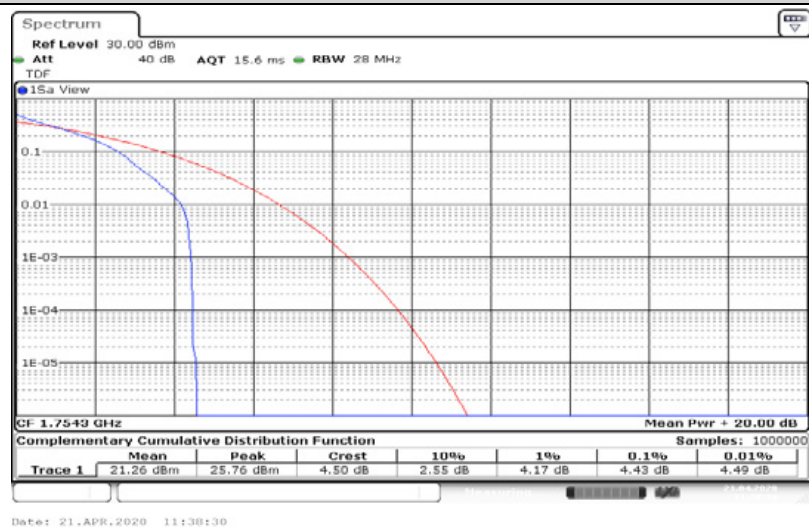
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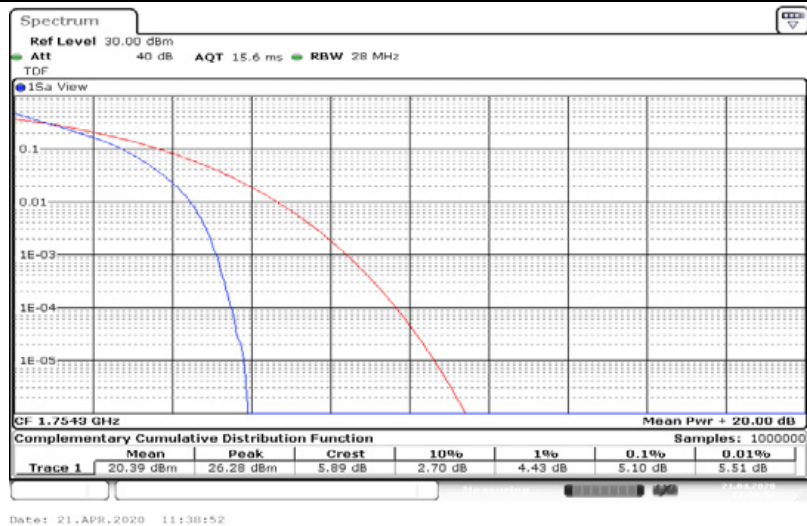
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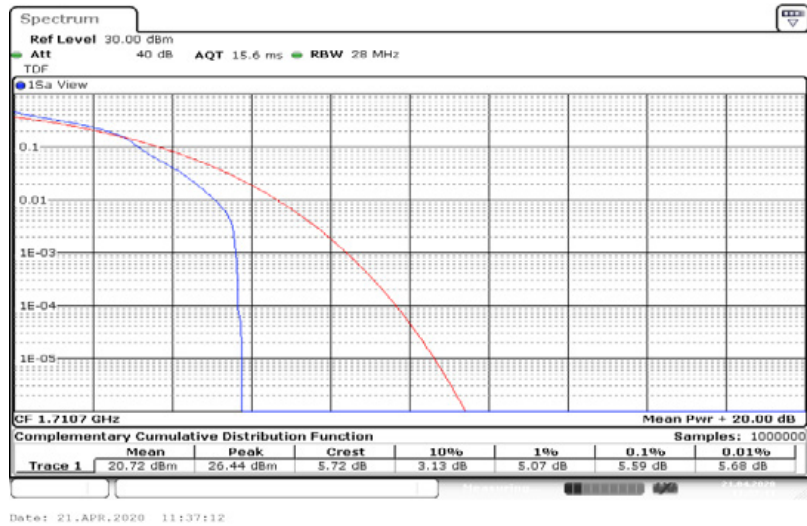
Band4-1.4MHz-QPSK-20393-1RB#0



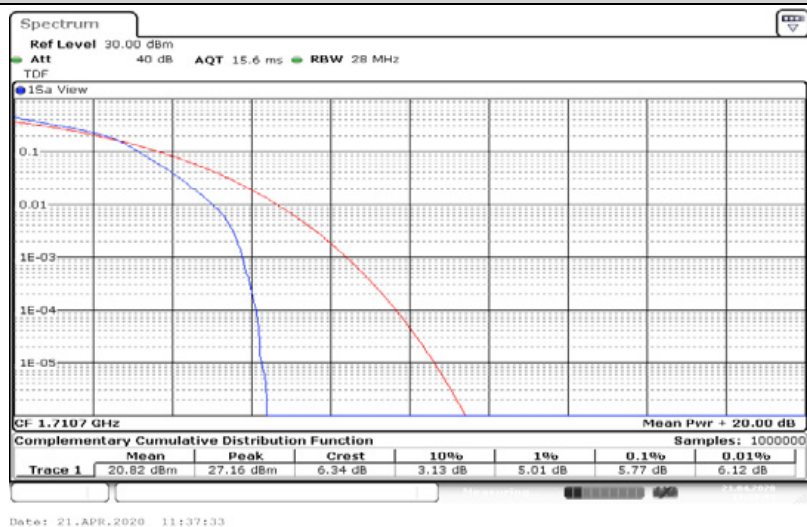
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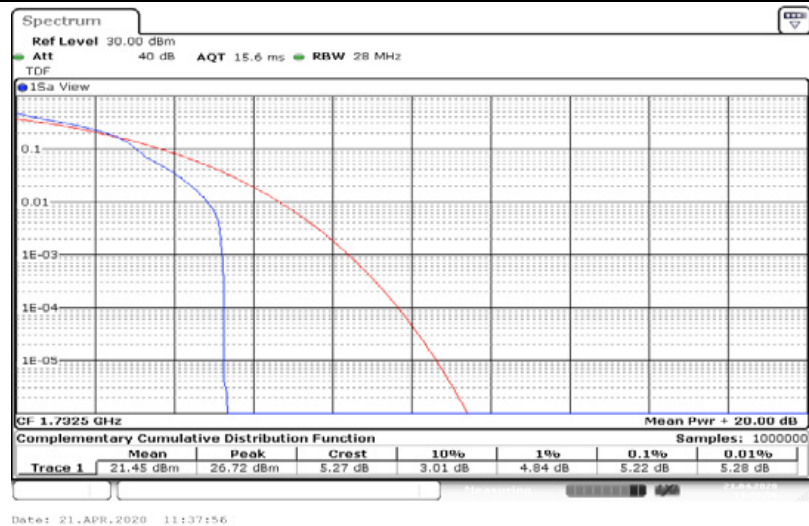
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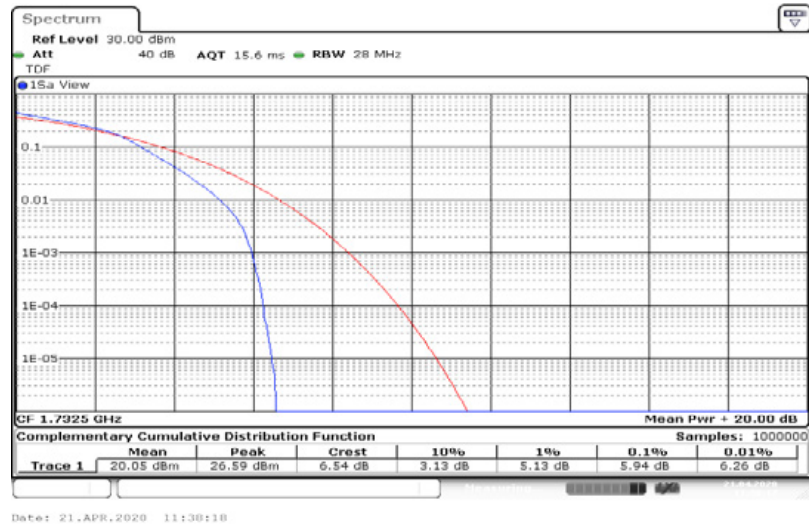
Band4-1.4MHz-16QAM-19957-6RB#0



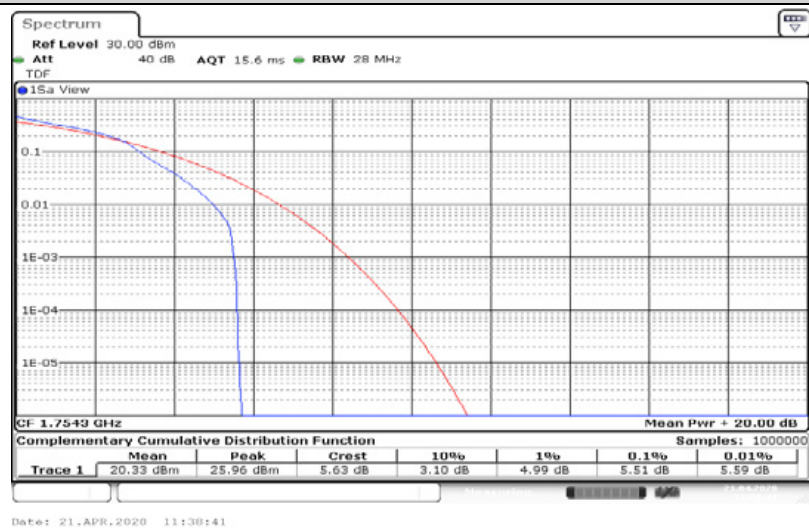
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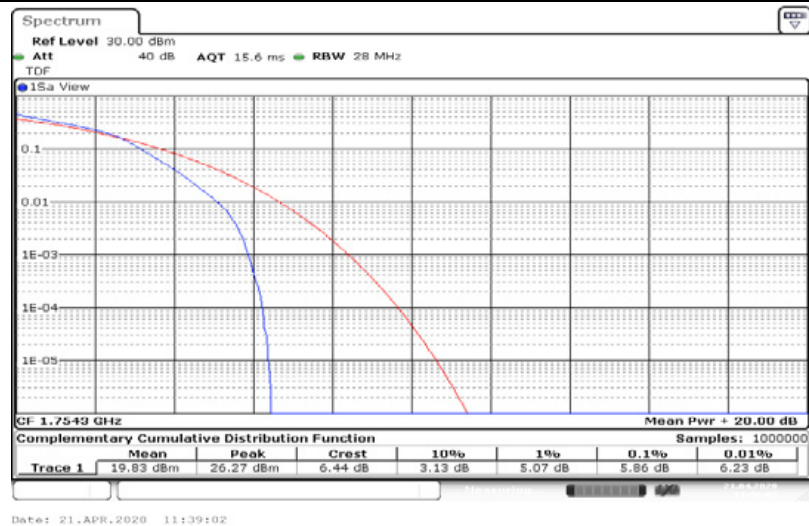
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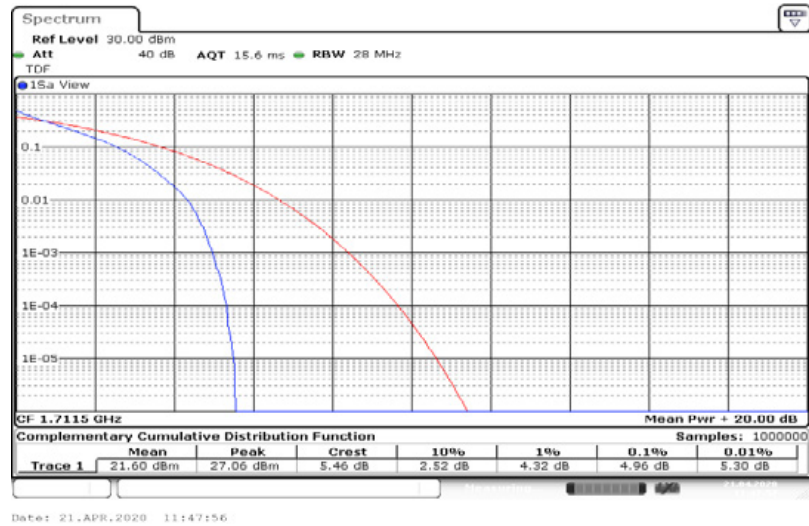
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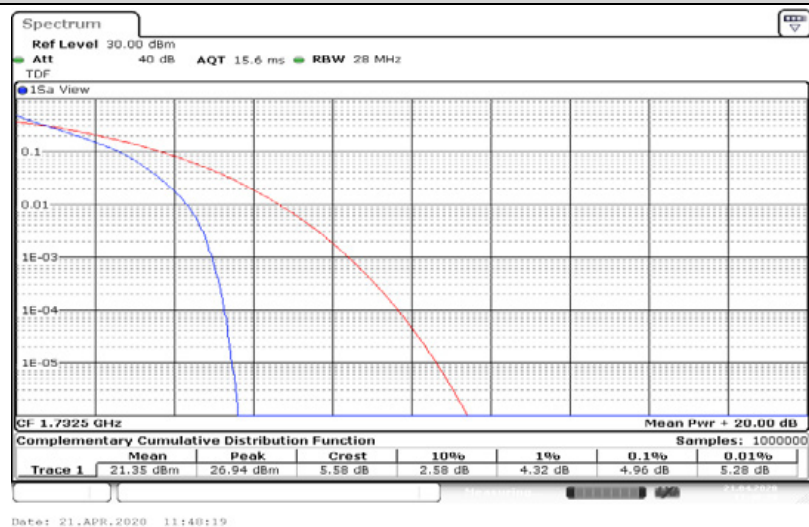
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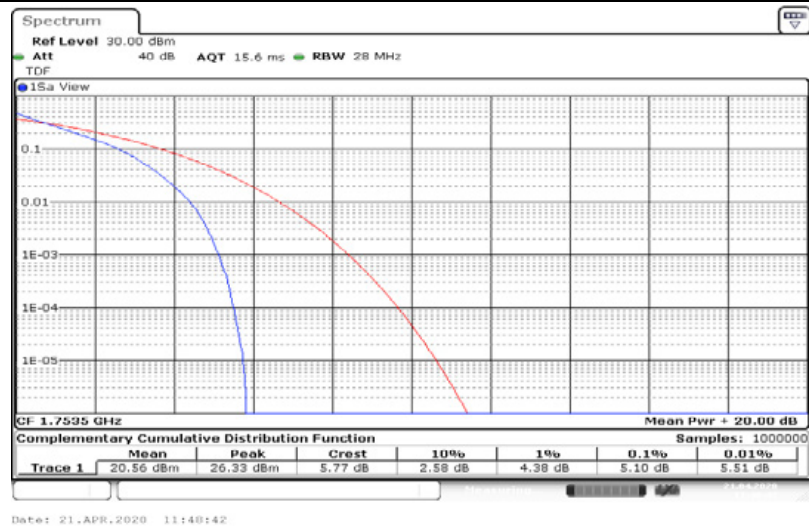
Band4-3MHz-QPSK-19965-15RB#0



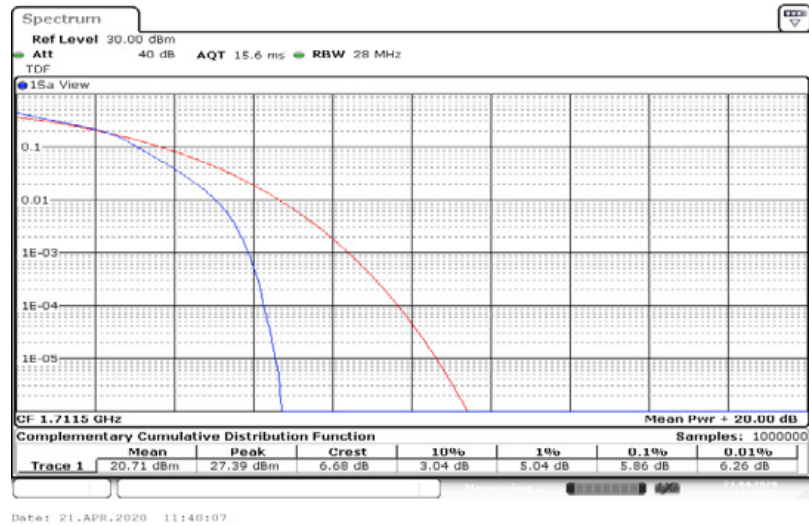
Band4-3MHz-QPSK-20175-15RB#0



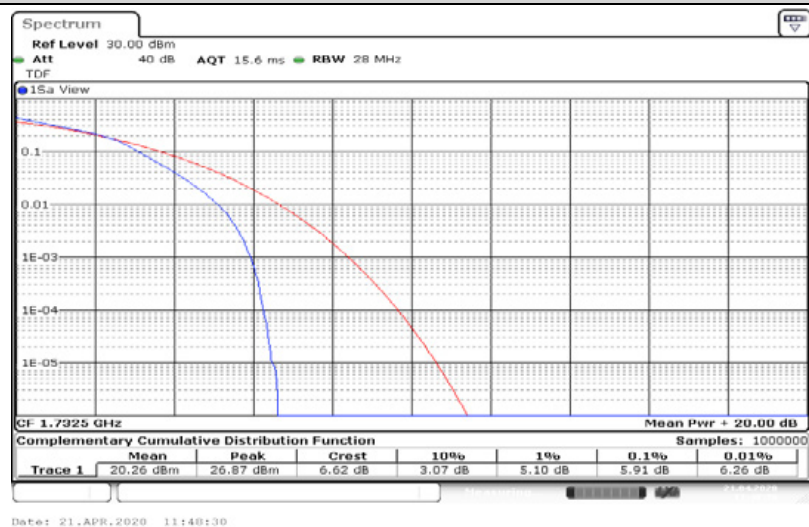
Band4-3MHz-QPSK-20385-15RB#0



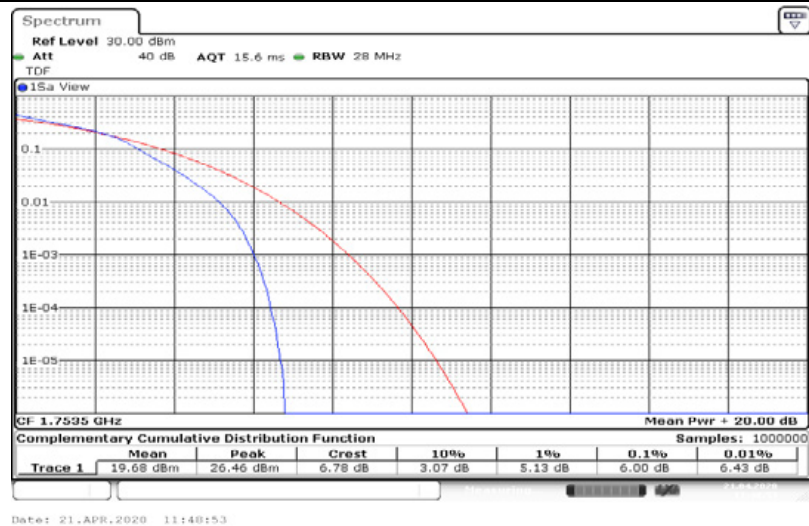
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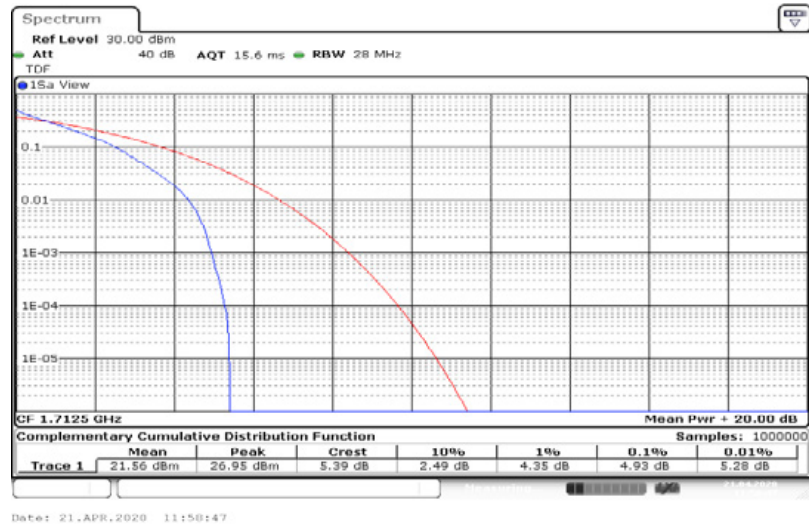
Band4-3MHz-16QAM-20175-15RB#0



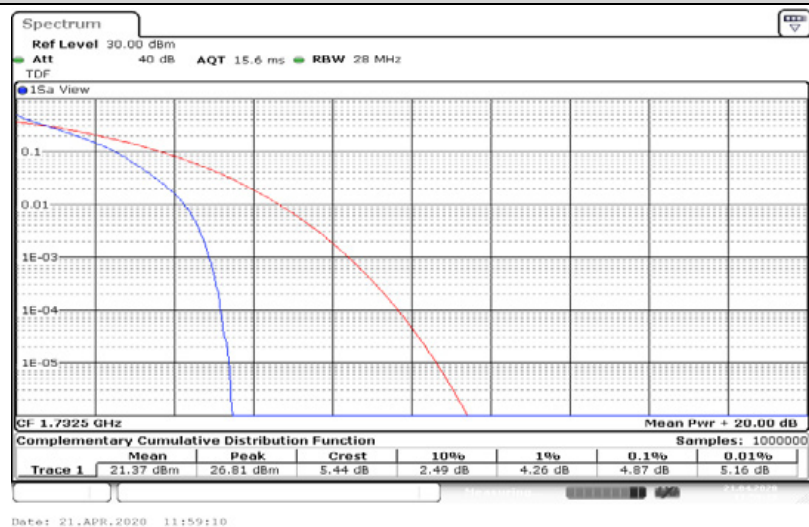
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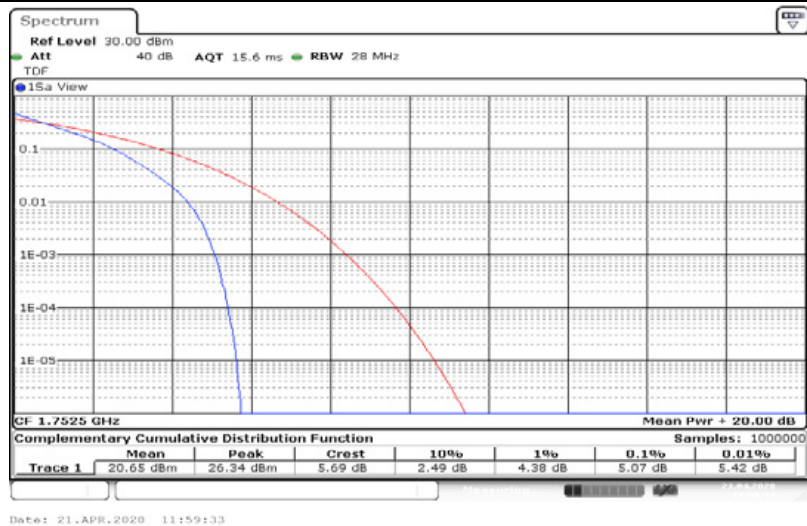
Band4-5MHz-QPSK-19975-25RB#0



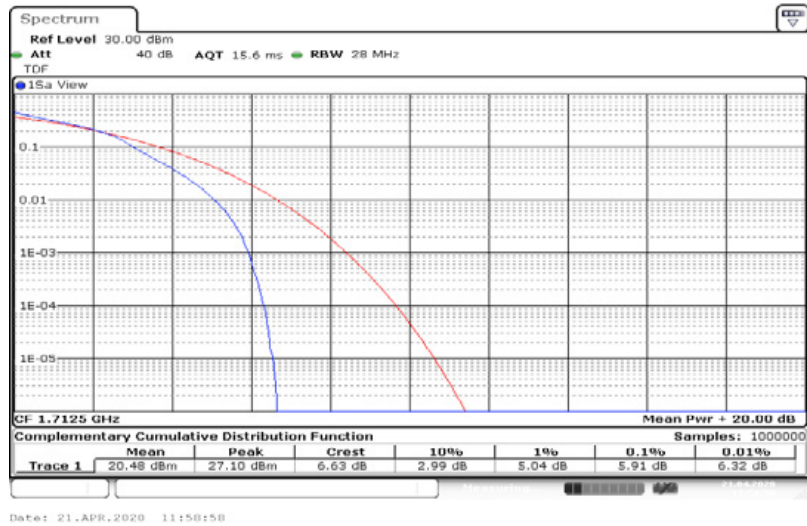
Band4-5MHz-QPSK-20175-25RB#0



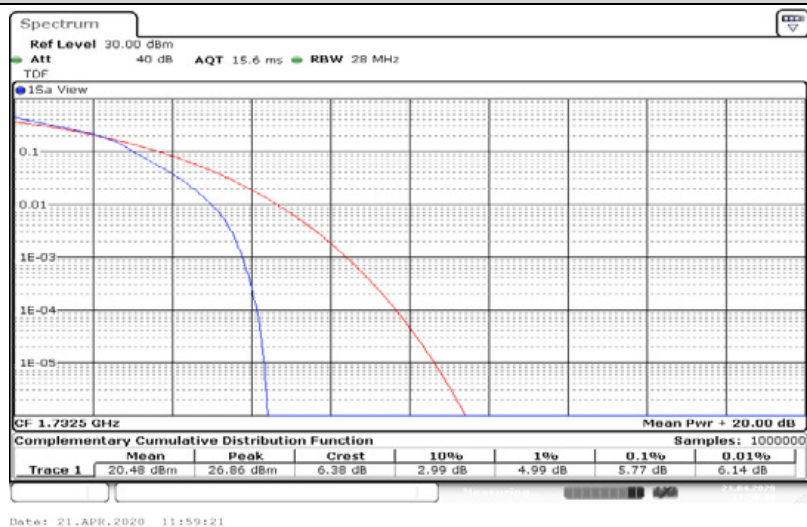
Band4-5MHz-QPSK-20375-25RB#0



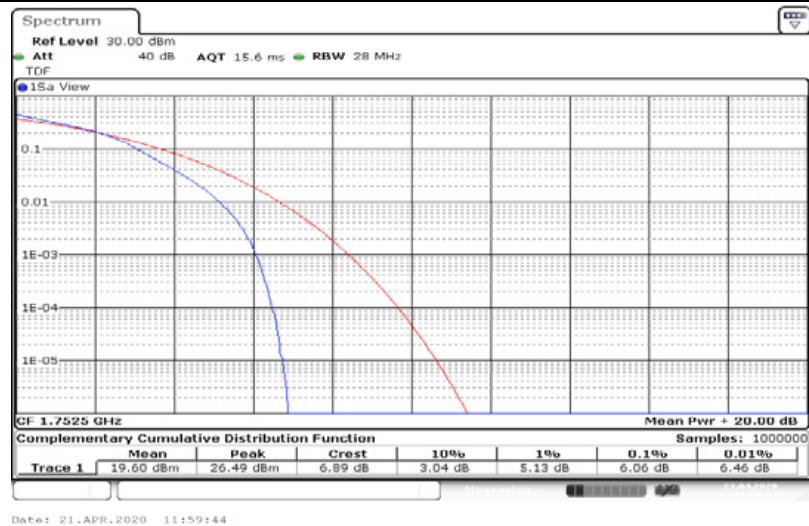
Band4-5MHz-16QAM-19975-25RB#0



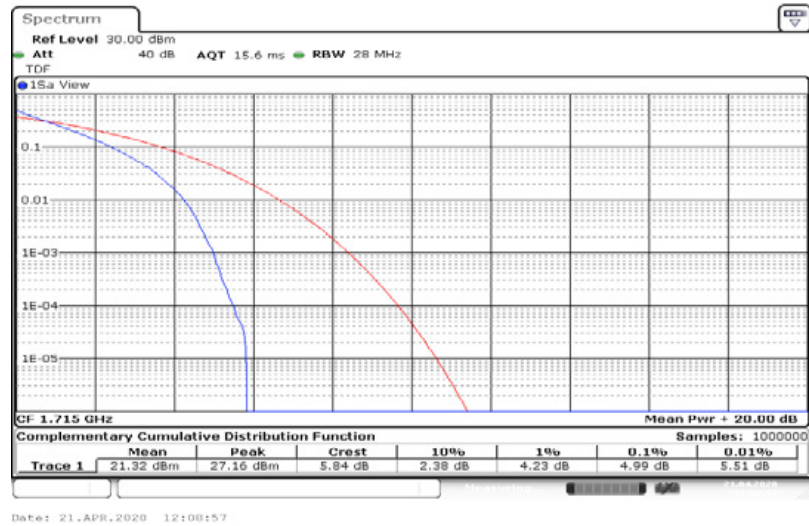
Band4-5MHz-16QAM-20175-25RB#0



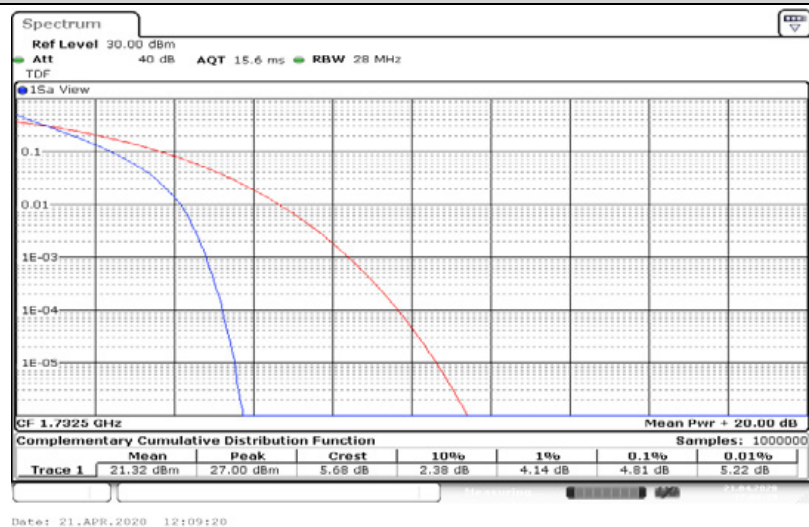
Band4-5MHz-16QAM-20375-25RB#0



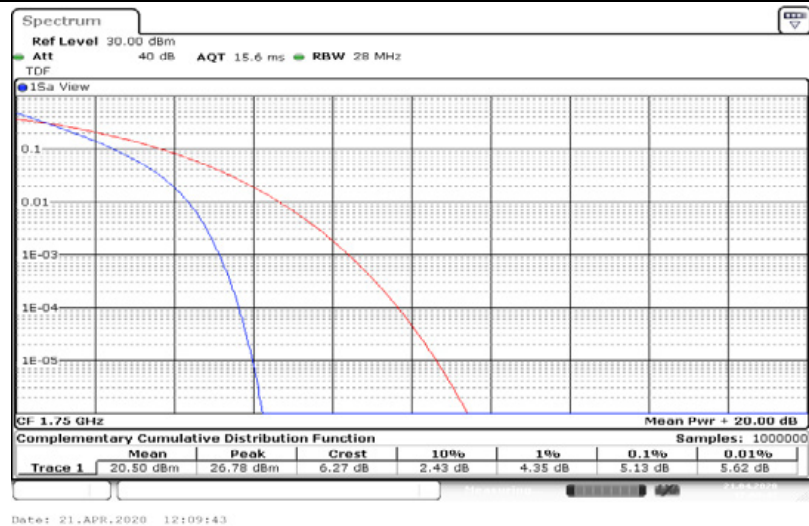
Band4-10MHz-QPSK-20000-50RB#0



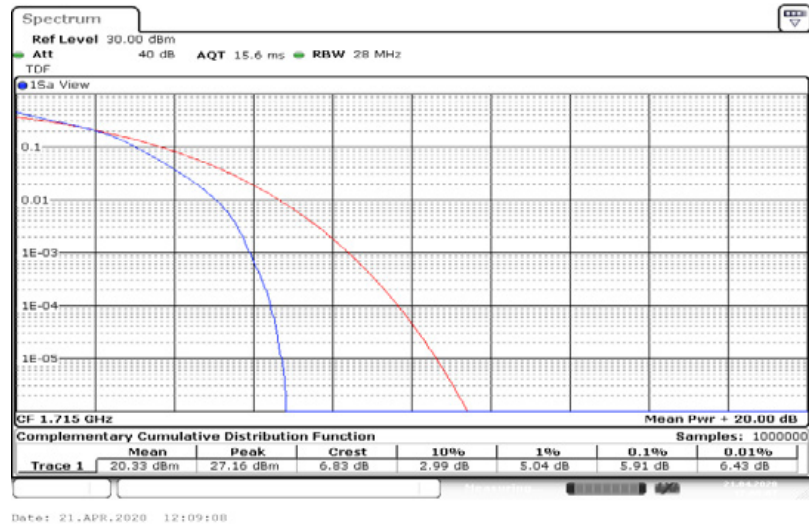
Band4-10MHz-QPSK-20175-50RB#0



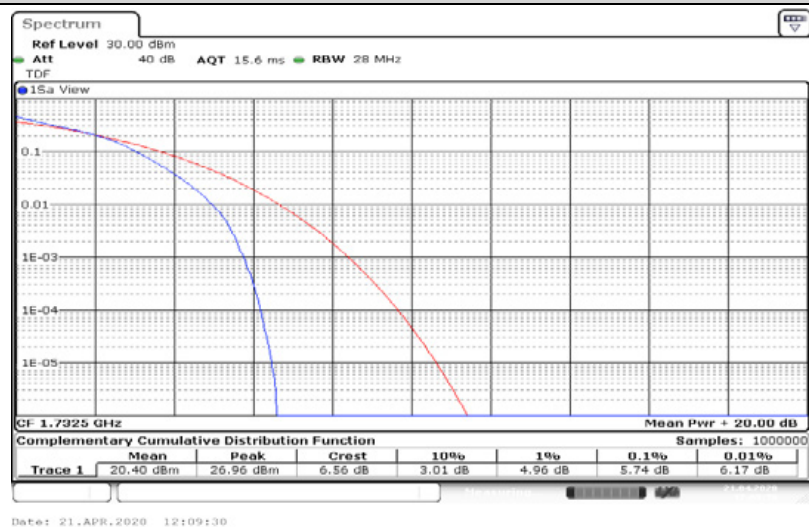
Band4-10MHz-QPSK-20350-50RB#0



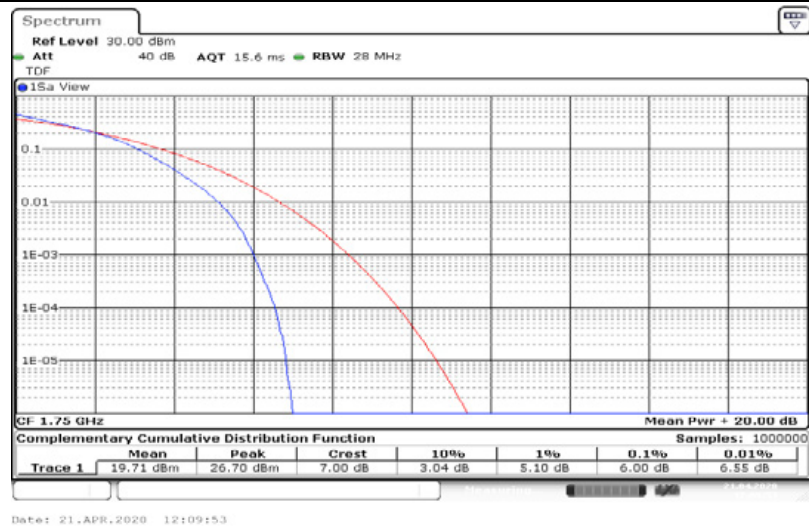
Band4-10MHz-16QAM-20000-50RB#0



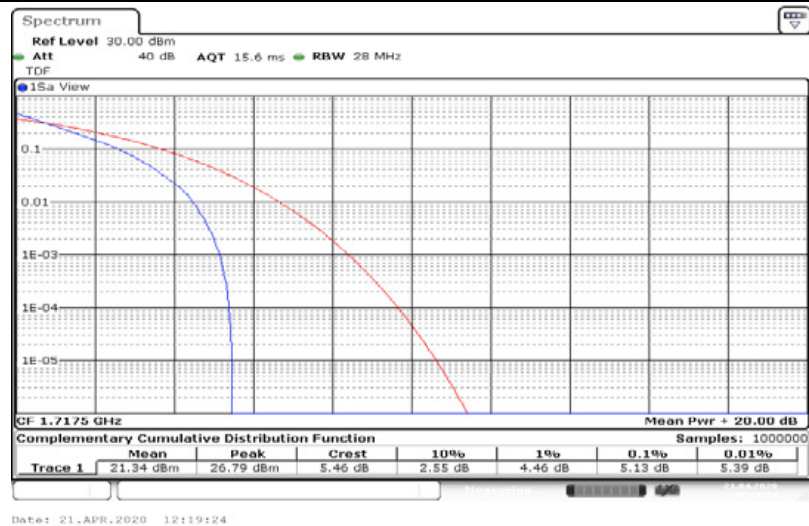
Band4-10MHz-16QAM-20175-50RB#0



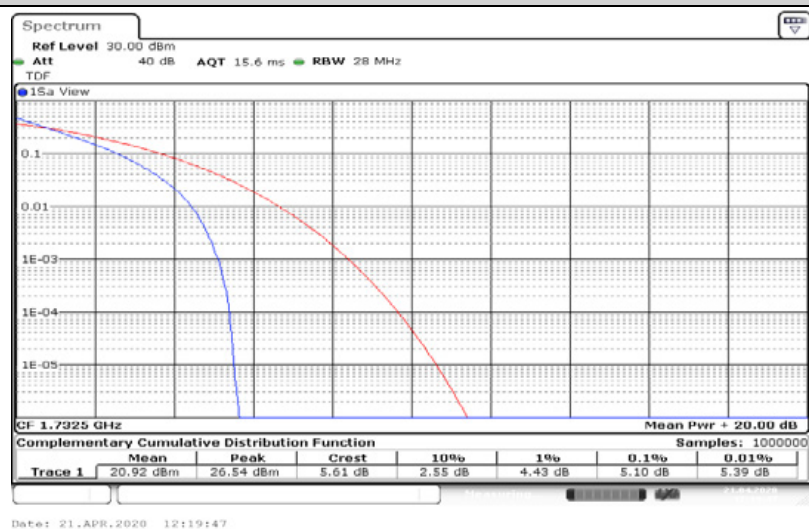
Band4-10MHz-16QAM-20350-50RB#0



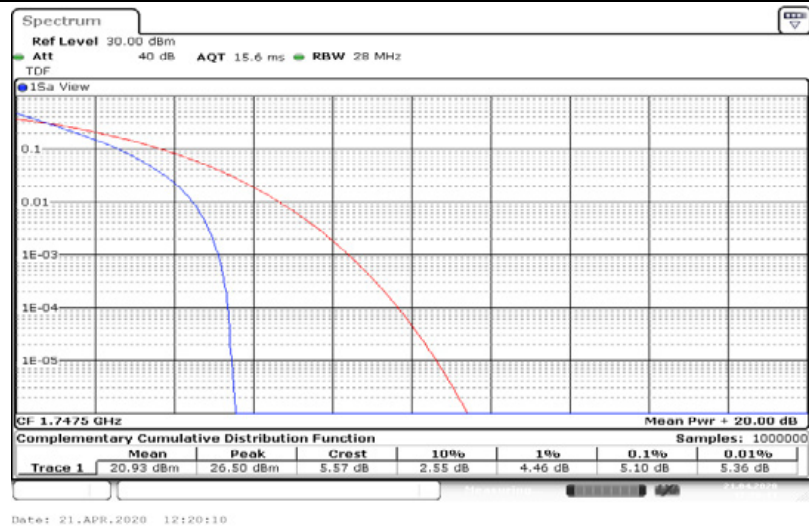
Band4-15MHz-QPSK-20025-75RB#0



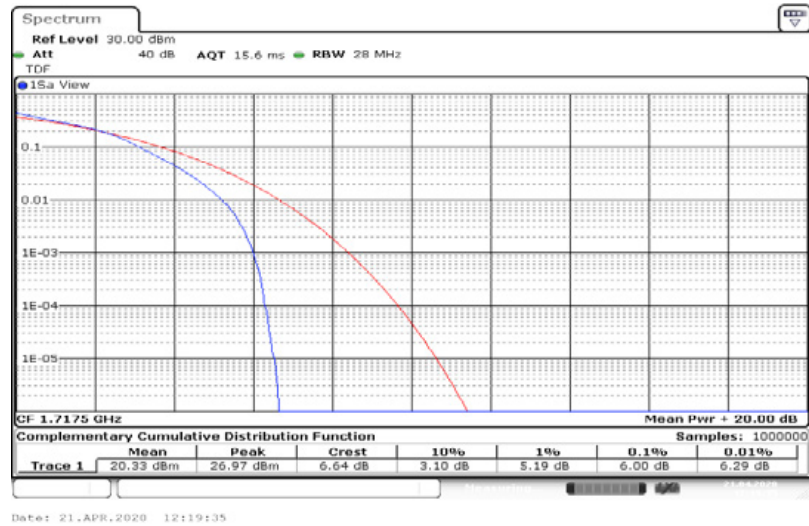
Band4-15MHz-QPSK-20175-75RB#0



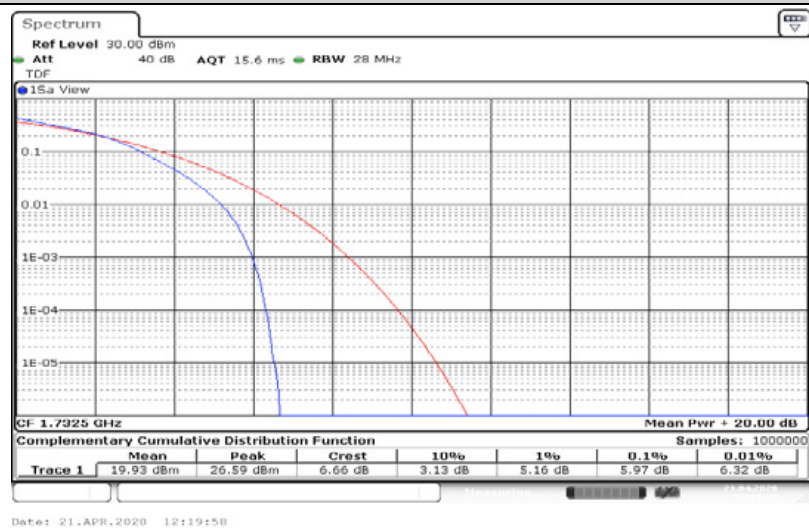
Band4-15MHz-QPSK-20325-75RB#0



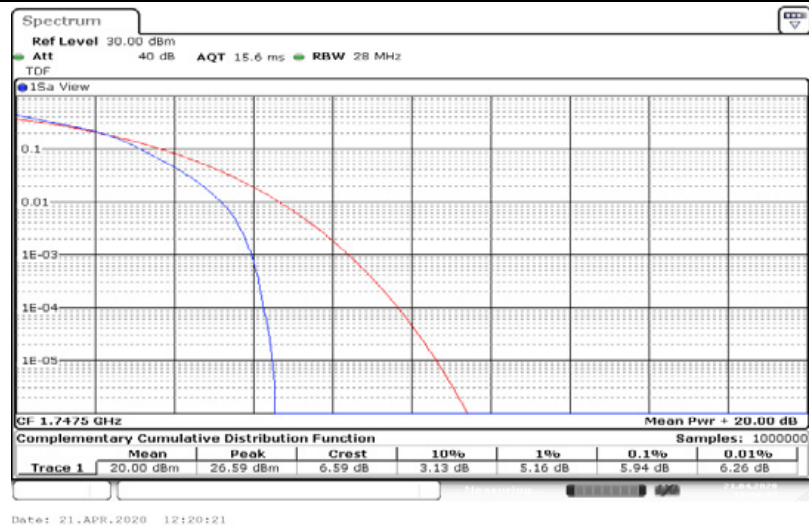
Band4-15MHz-16QAM-20025-75RB#0



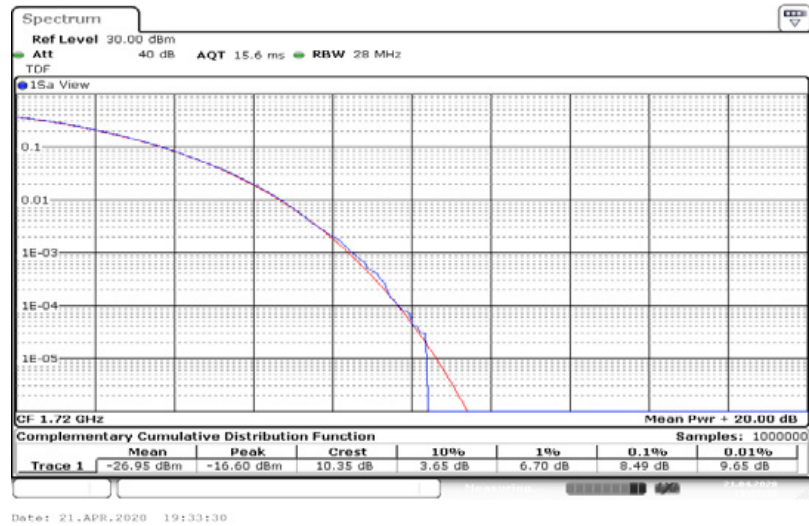
Band4-15MHz-16QAM-20175-75RB#0



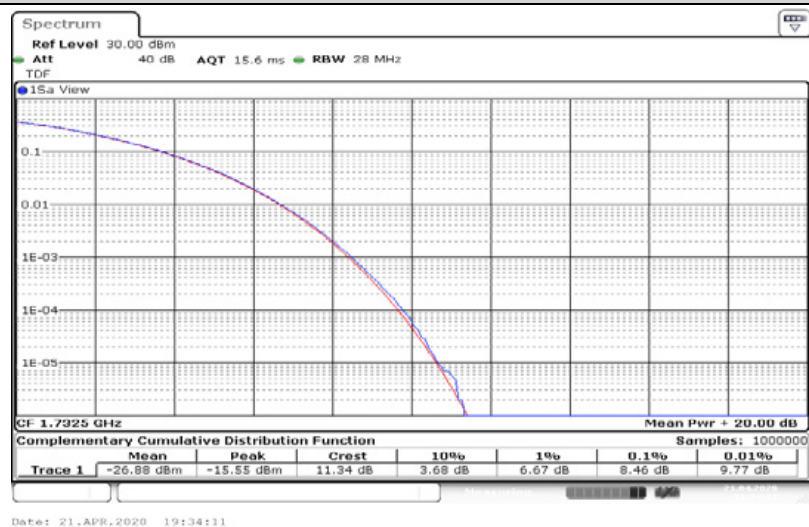
Band4-15MHz-16QAM-20325-75RB#0



Band4-20MHz-QPSK-20050-100RB#0



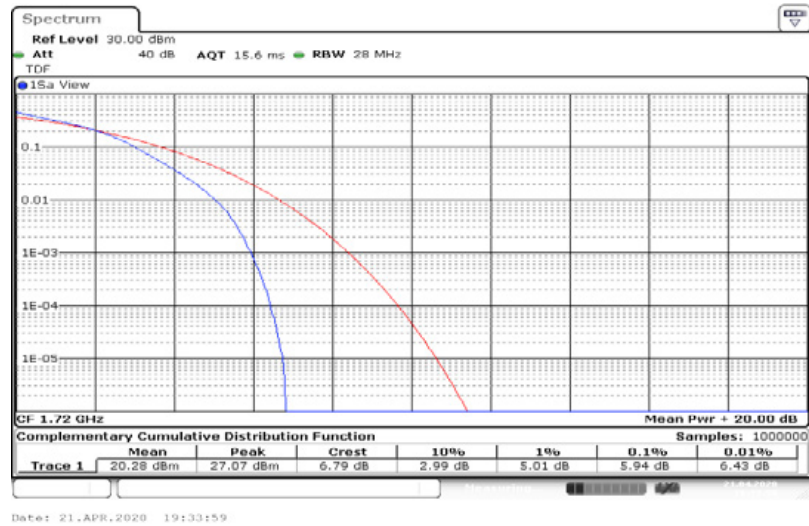
Band4-20MHz-QPSK-20175-100RB#0



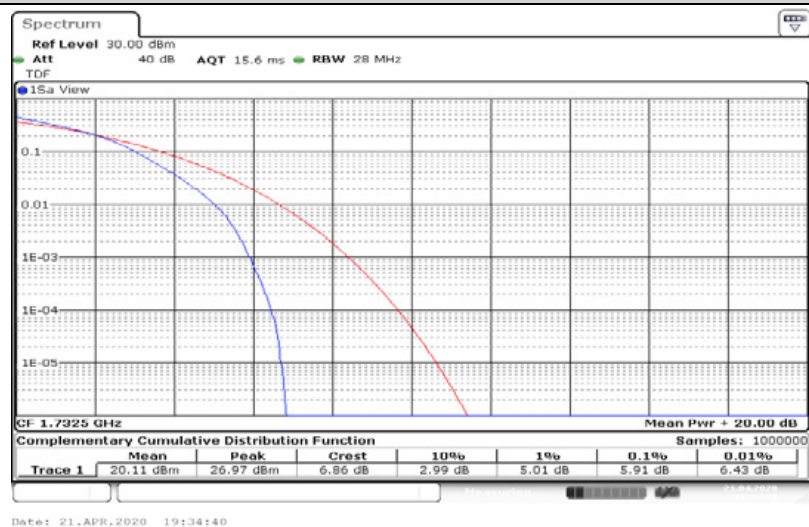
Band4-20MHz-QPSK-20300-100RB#0



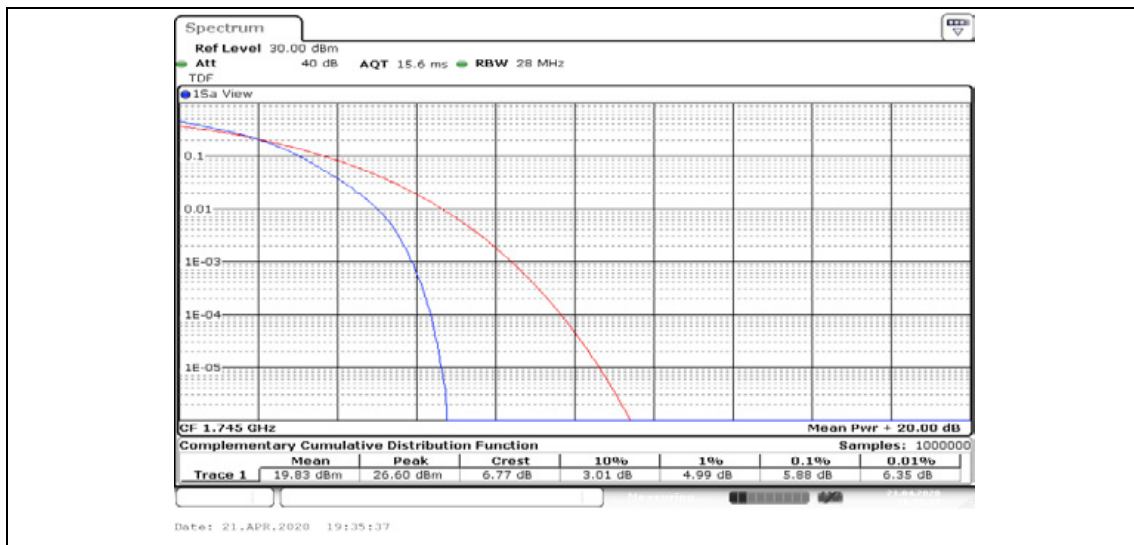
Band4-20MHz-16QAM-20050-100RB#0



Band4-20MHz-16QAM-20175-100RB#0



Band4-20MHz-16QAM-20300-100RB#0



Appendix B: 26dB Bandwidth and Occupied Bandwidth

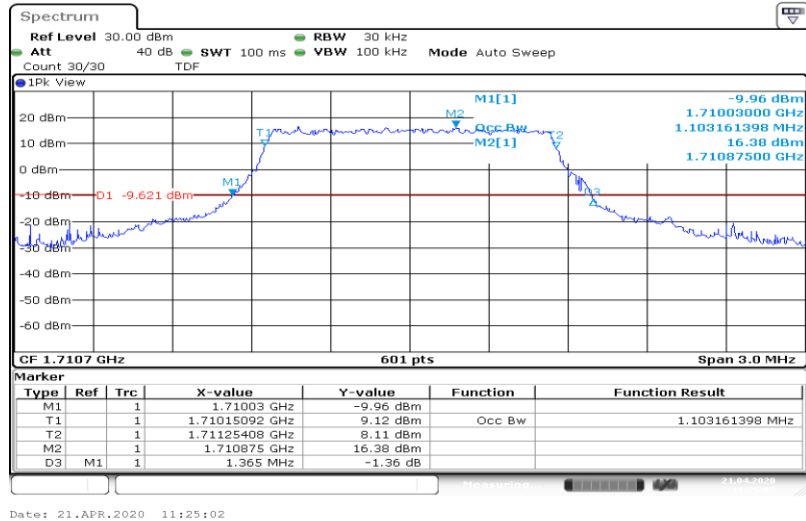
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.103	1.365	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.103	1.310	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.098	1.305	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.088	1.345	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.088	1.295	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.103	1.325	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.705	2.990	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.696	3.000	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.705	2.990	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.696	2.990	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.696	3.000	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.696	3.000	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.515	5.060	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.515	5.050	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.515	5.050	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.515	5.030	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.515	5.080	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.515	5.030	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.985	10.500	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.985	10.000	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.952	10.000	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.985	11.400	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.985	9.967	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.985	9.867	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.478	15.000	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.478	15.000	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.478	14.800	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.478	14.850	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.478	14.850	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.478	14.750	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.037	19.867	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.97	19.800	PASS
Band4	20MHz	QPSK	20300	100RB#0	18.037	19.867	PASS

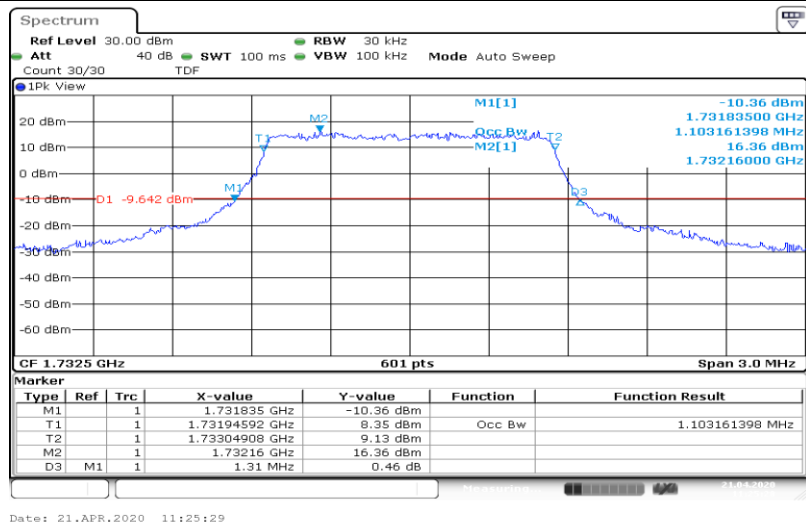
Band4	20MHz	16QAM	20050	100RB#0	18.037	19.867	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.103	19.867	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.037	19.800	PASS

Test Graphs

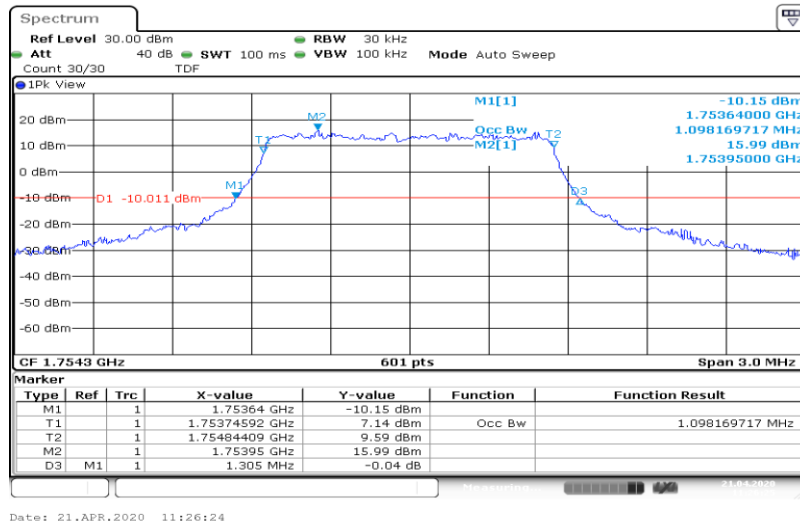
Band4-1.4MHz-QPSK-19957-6RB#0-1.103



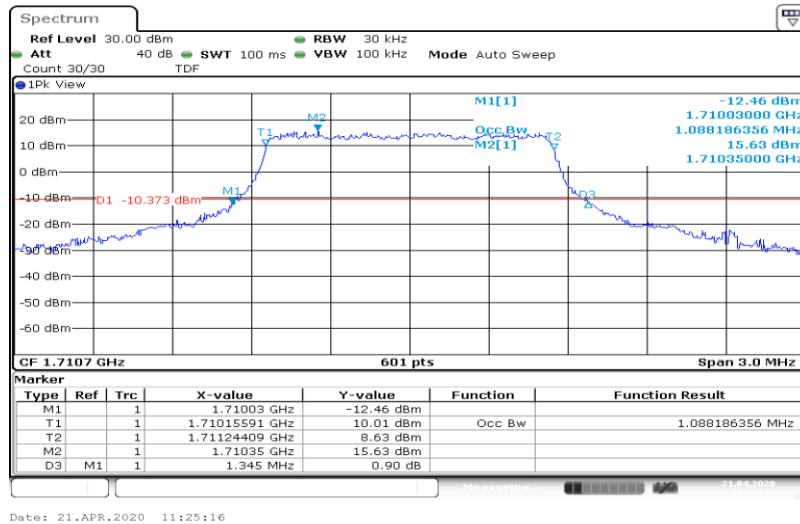
Band4-1.4MHz-QPSK-20175-6RB#0-1.103



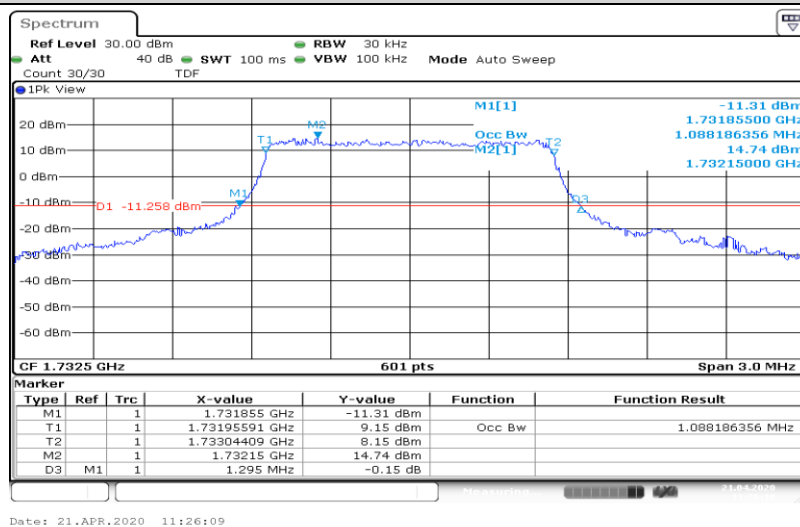
Band4-1.4MHz-QPSK-20393-6RB#0-1.098



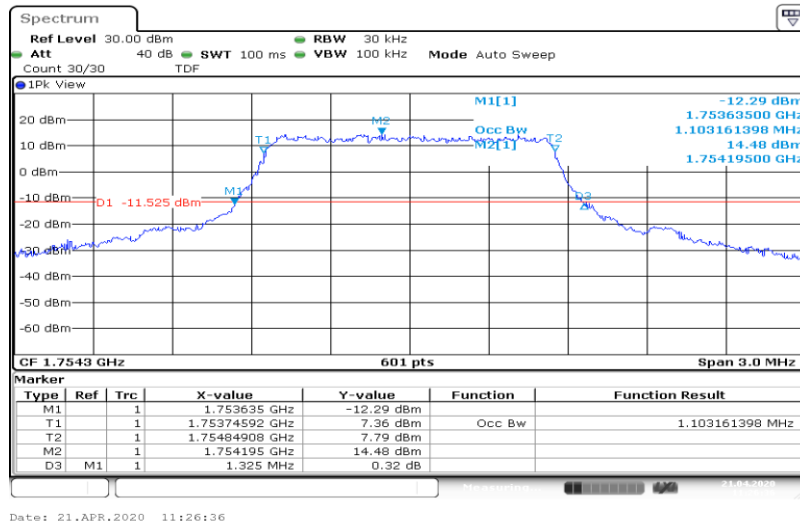
Band4-1.4MHz-16QAM-19957-6RB#0-1.088



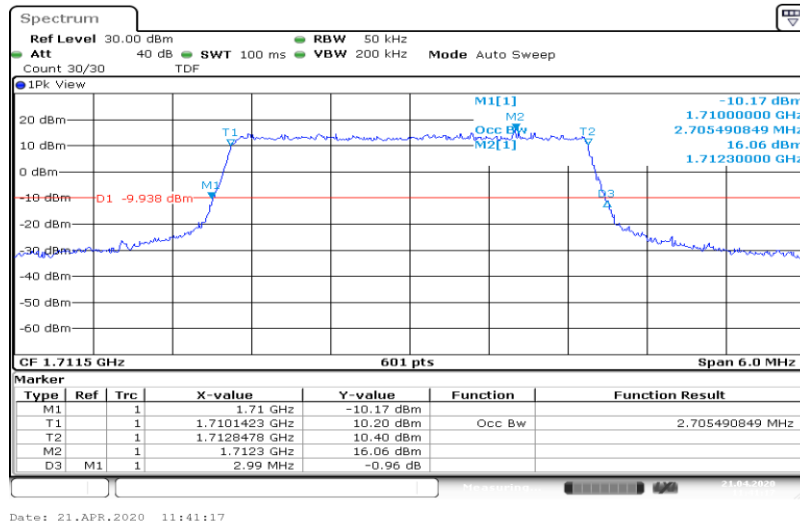
Band4-1.4MHz-16QAM-20175-6RB#0-1.088



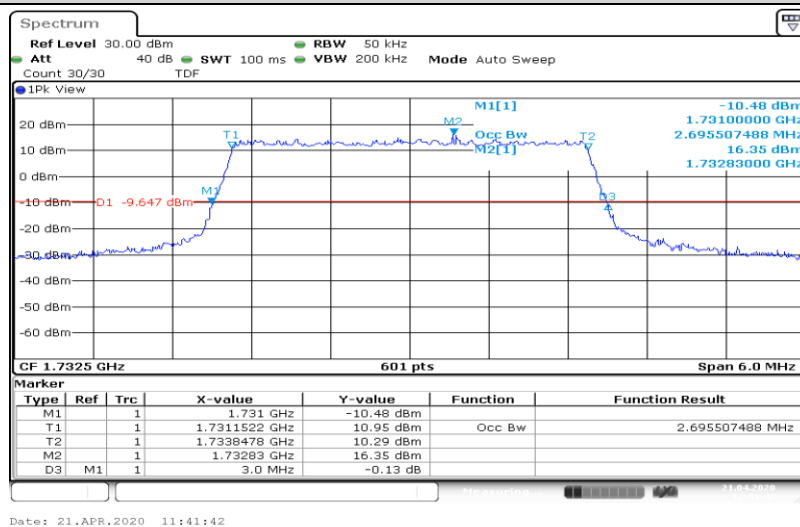
Band4-1.4MHz-16QAM-20393-6RB#0-1.103



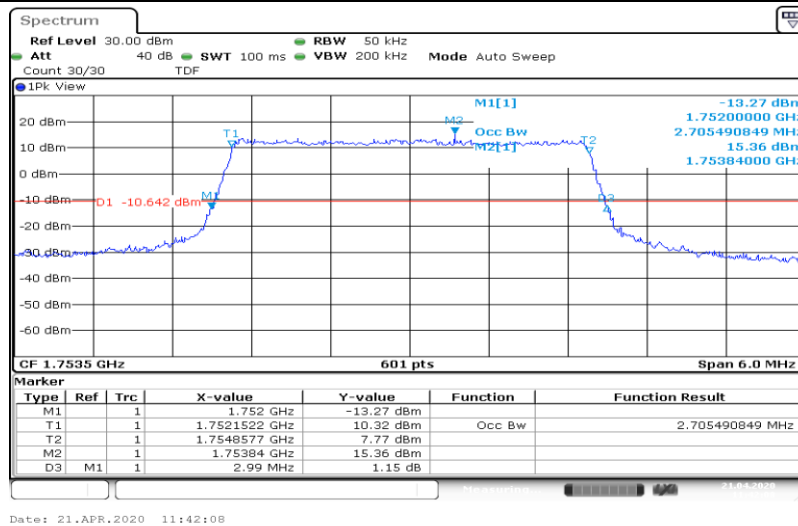
Band4-3MHz-QPSK-19965-15RB#0-2.705



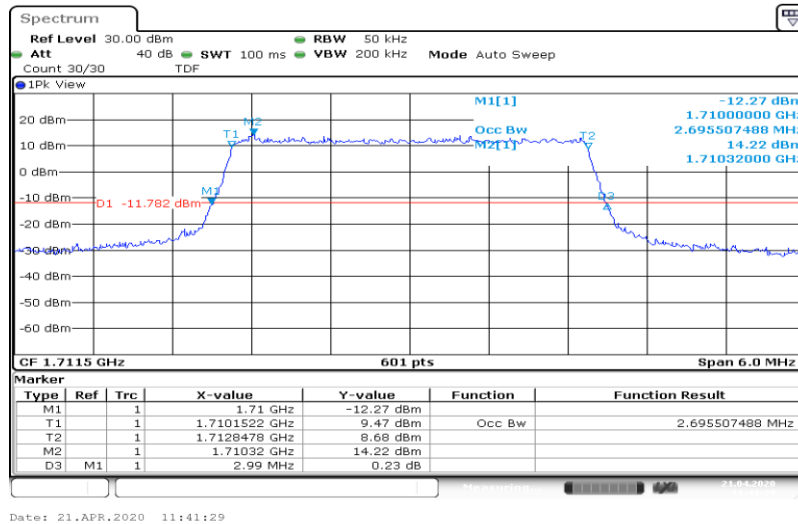
Band4-3MHz-QPSK-20175-15RB#0-2.696



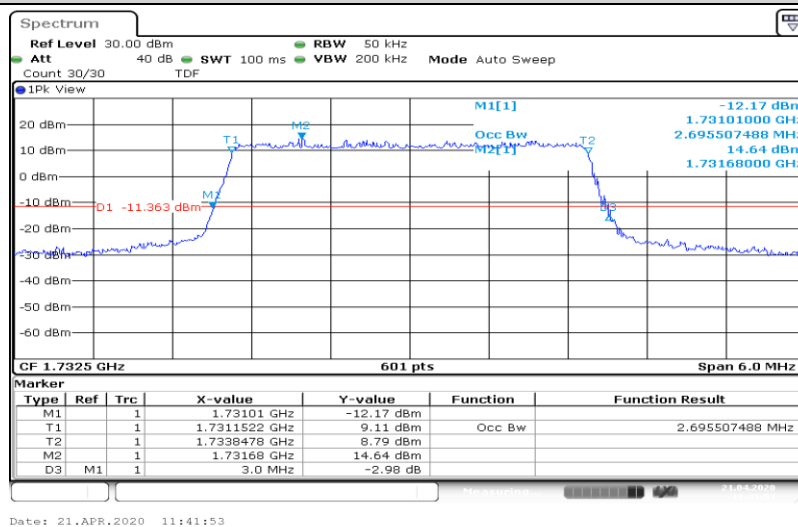
Band4-3MHz-QPSK-20385-15RB#0-2.705



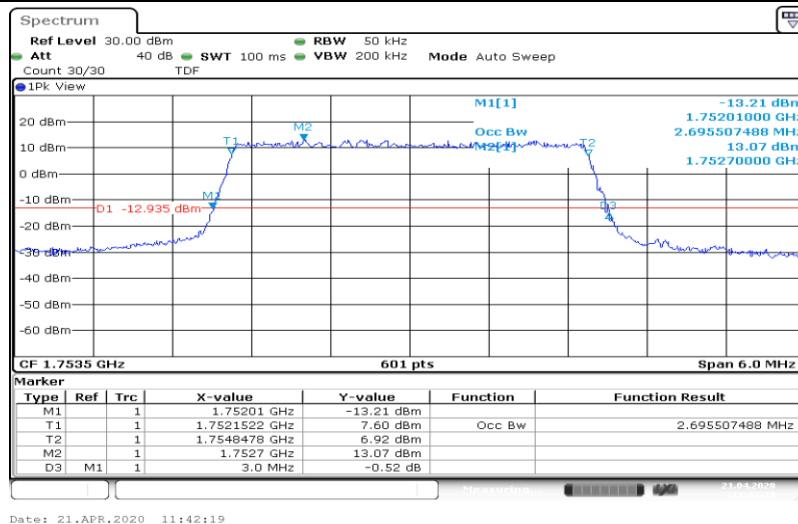
Band4-3MHz-16QAM-19965-15RB#0-2.696



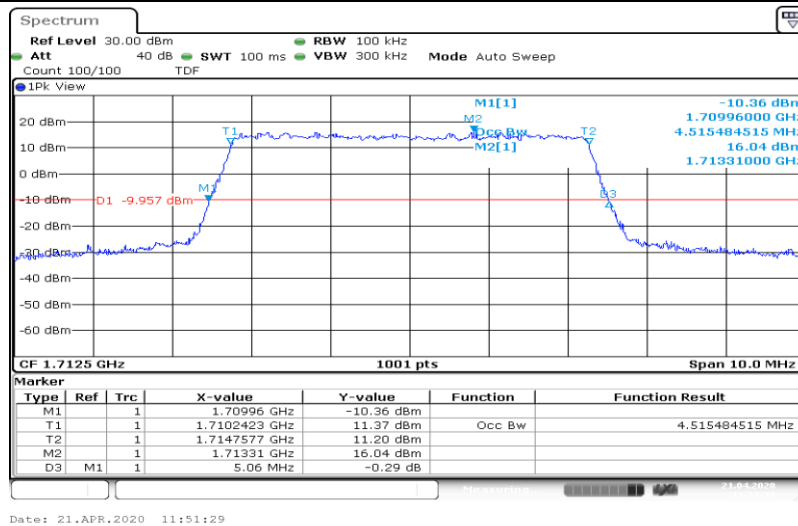
Band4-3MHz-16QAM-20175-15RB#0-2.696



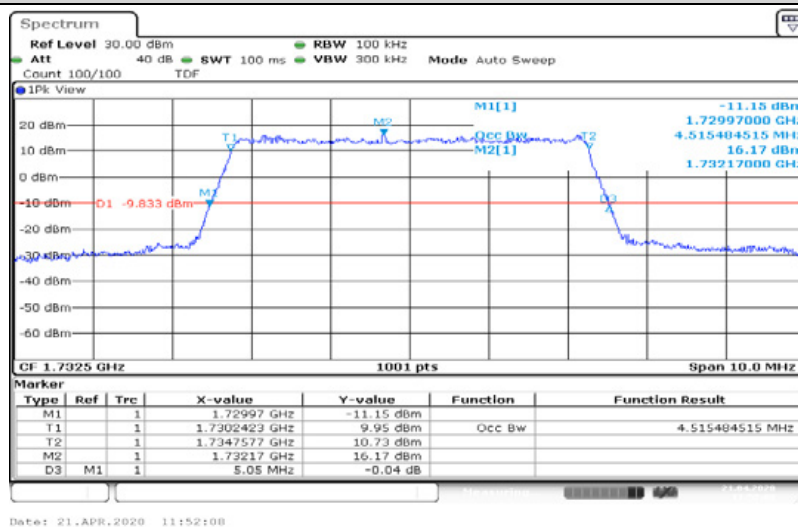
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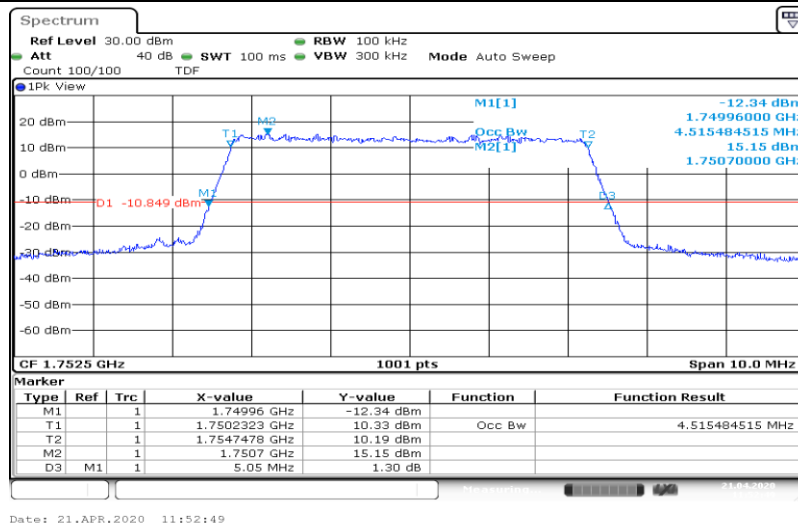
Band4-5MHz-QPSK-19975-25RB#0-4.515



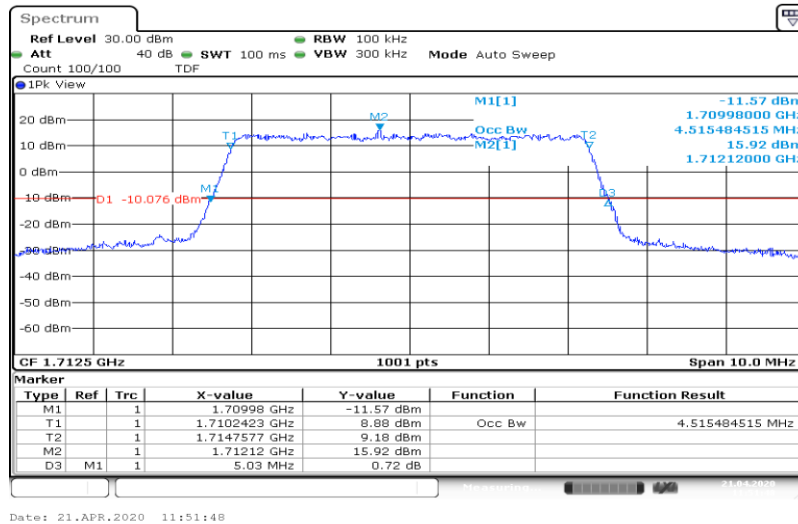
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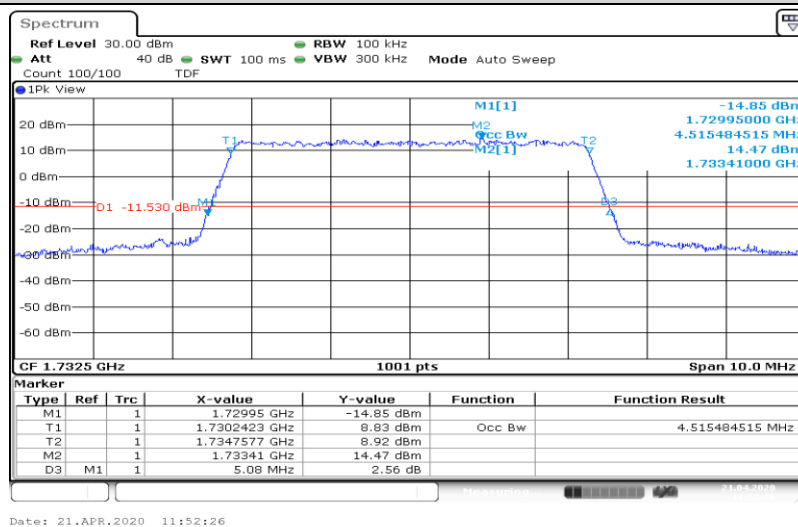
Band4-5MHz-QPSK-20375-25RB#0-4.515



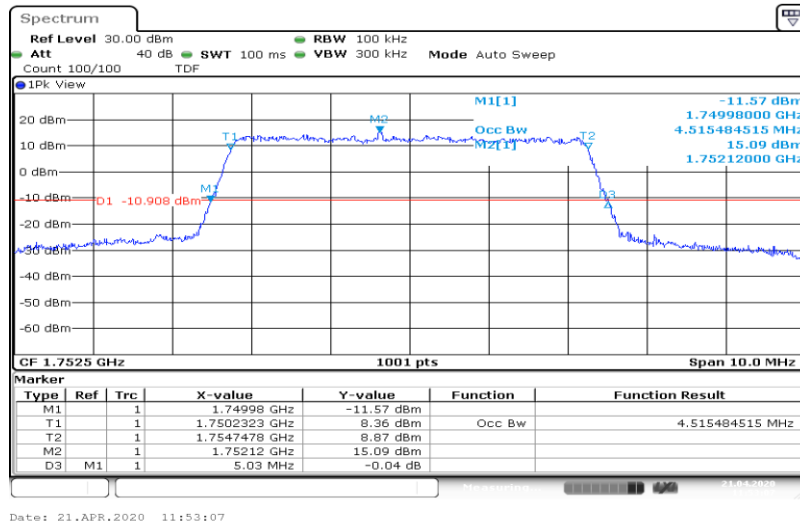
Band4-5MHz-16QAM-19975-25RB#0-4.515



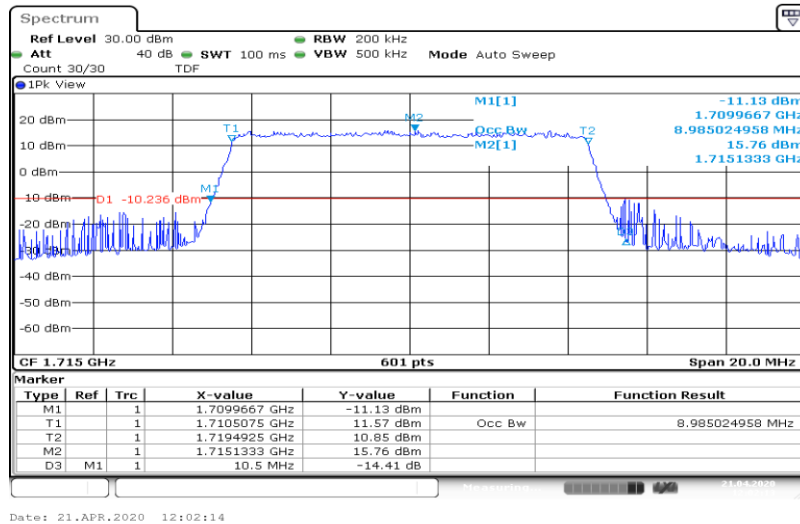
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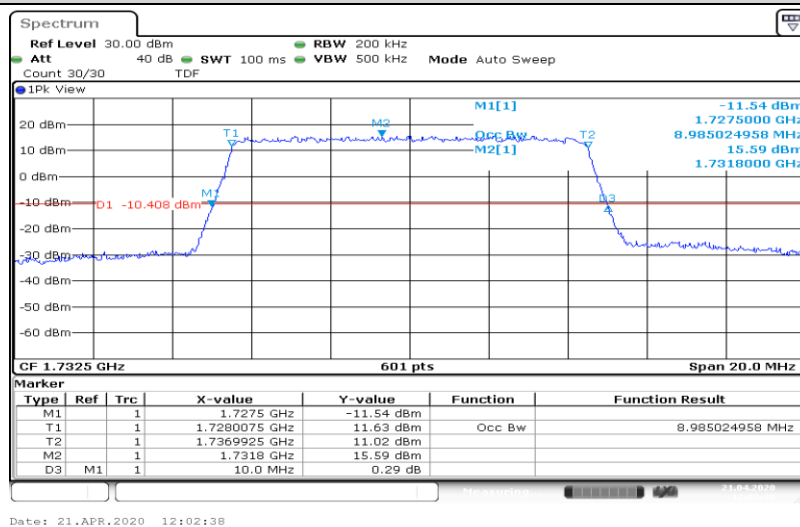
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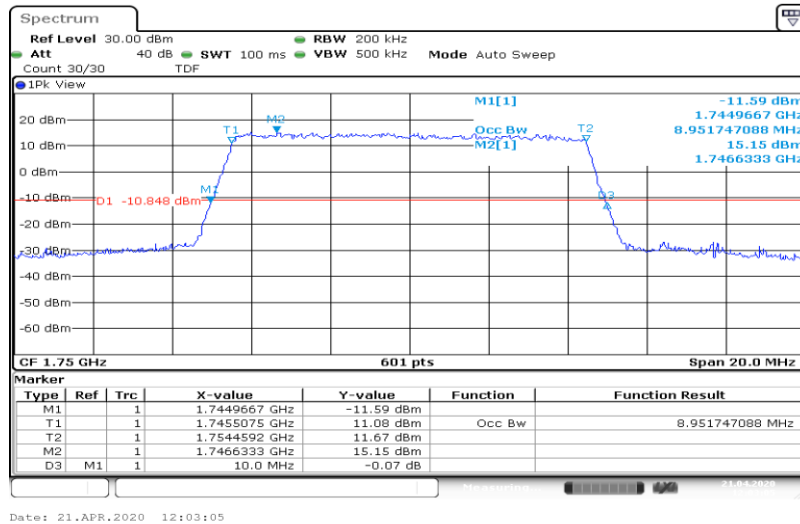
Band4-10MHz-QPSK-20000-50RB#0-8.985



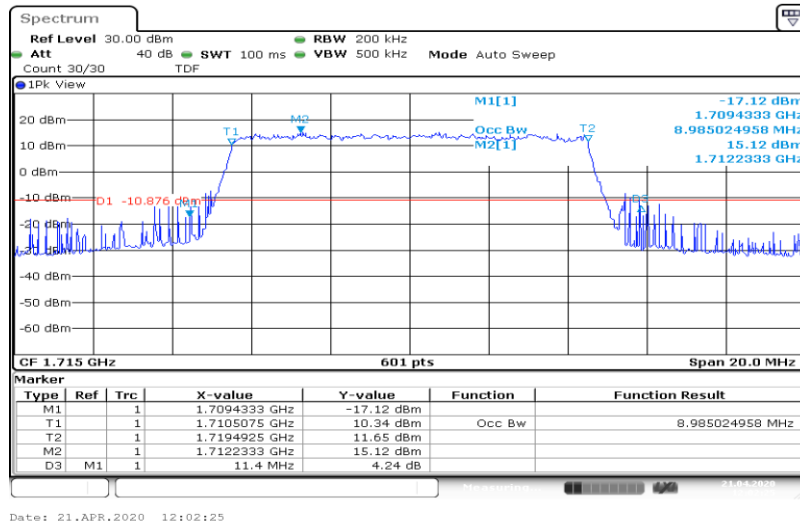
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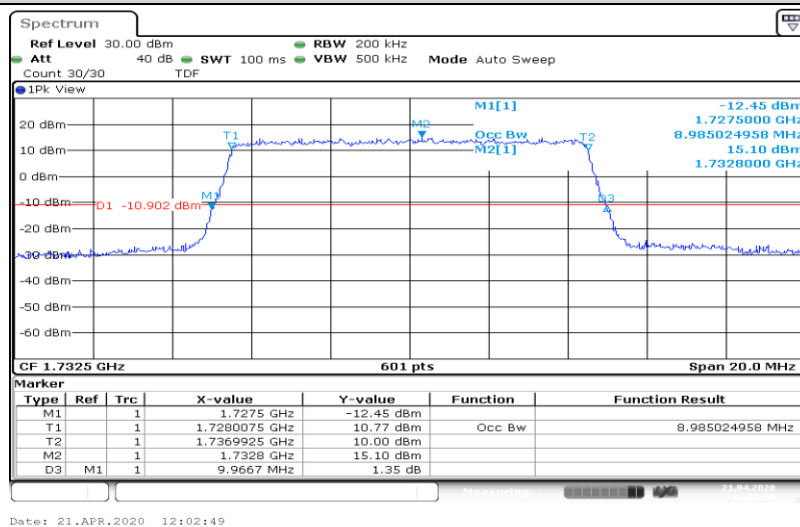
Band4-10MHz-QPSK-20350-50RB#0-8.952



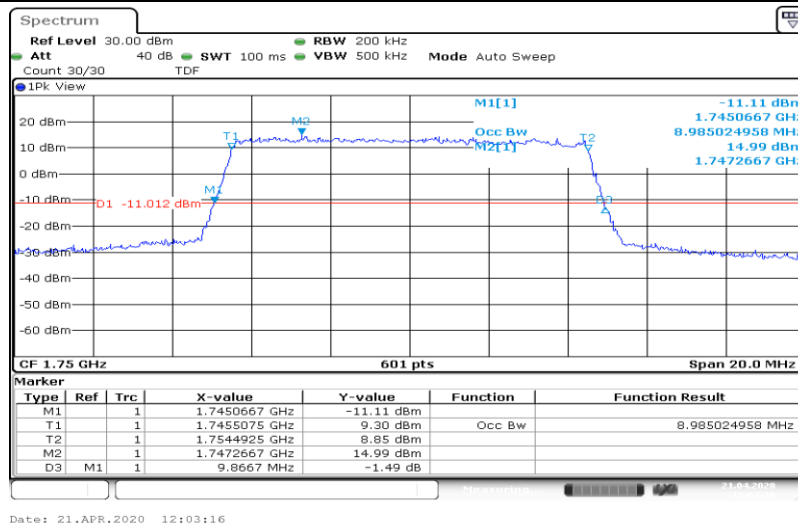
Band4-10MHz-16QAM-20000-50RB#0-8.985



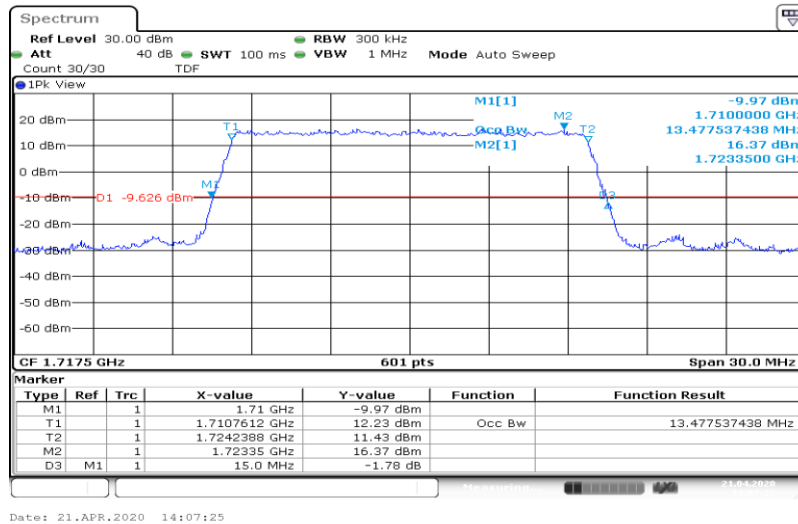
Band4-10MHz-16QAM-20175-50RB#0-8.985



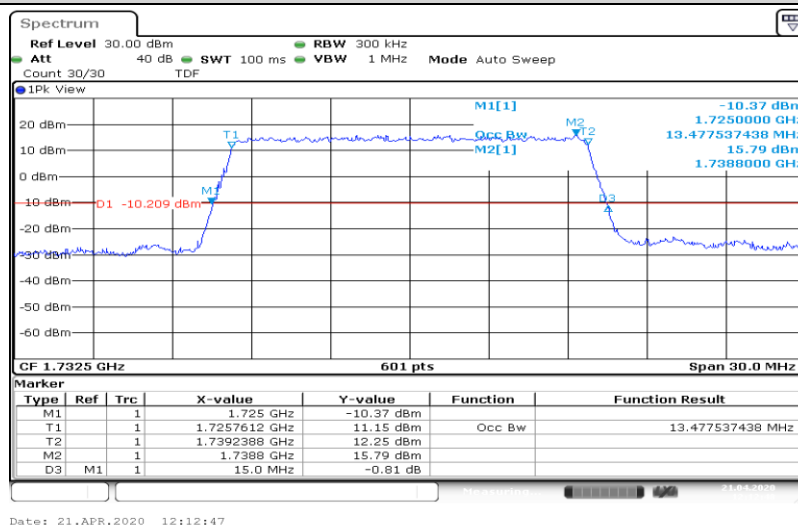
Band4-10MHz-16QAM-20350-50RB#0-8.985



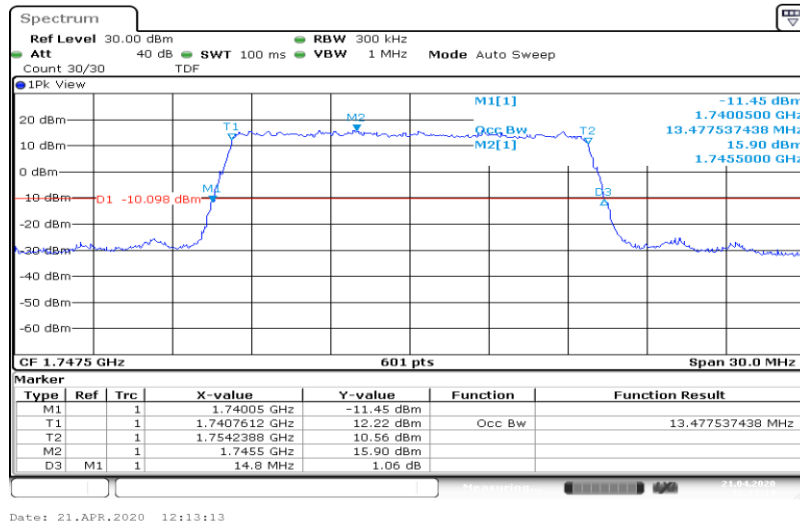
Band4-15MHz-QPSK-20025-75RB#0-13.478



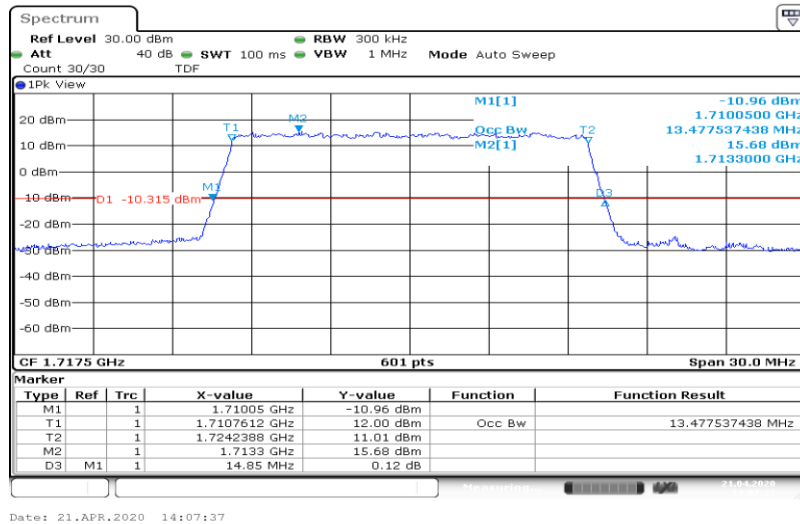
Band4-15MHz-QPSK-20175-75RB#0-13.478



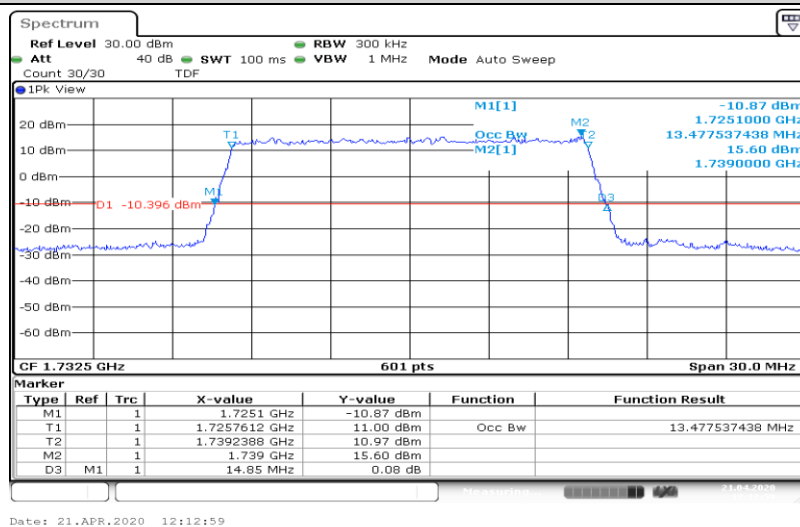
Band4-15MHz-QPSK-20325-75RB#0-13.478



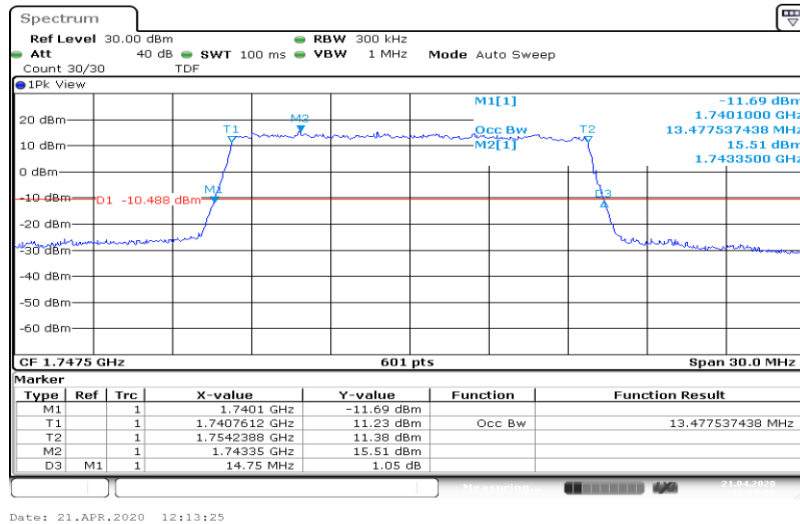
Band4-15MHz-16QAM-20025-75RB#0-13.478



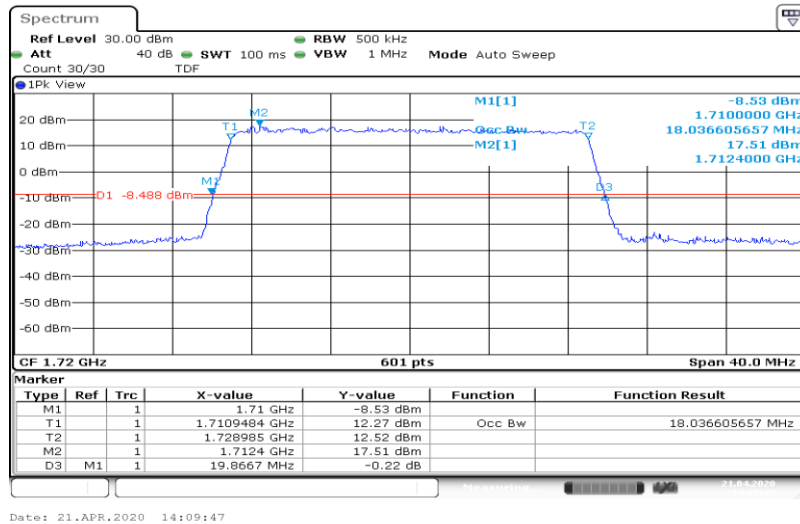
Band4-15MHz-16QAM-20175-75RB#0-13.478



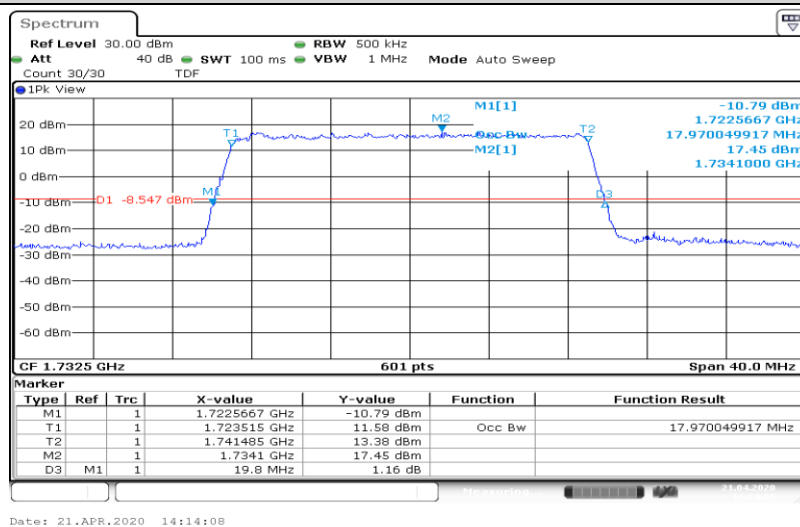
Band4-15MHz-16QAM-20325-75RB#0-13.478



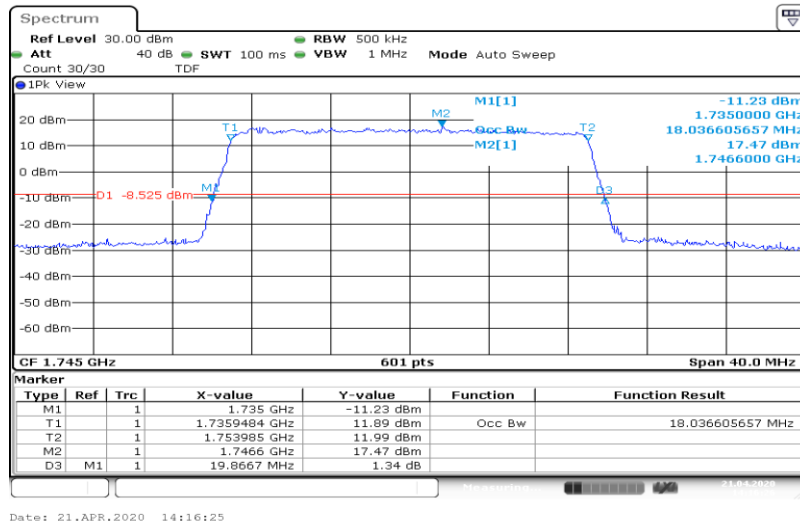
Band4-20MHz-QPSK-20050-100RB#0-18.037



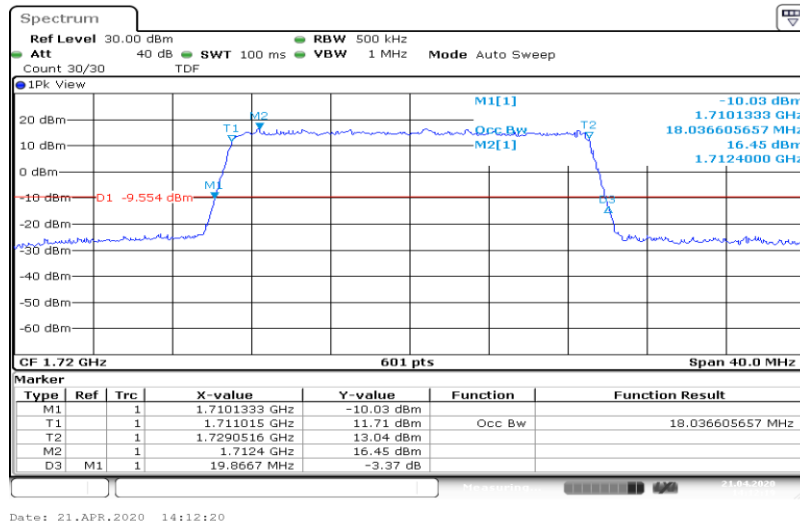
Band4-20MHz-QPSK-20175-100RB#0-17.97



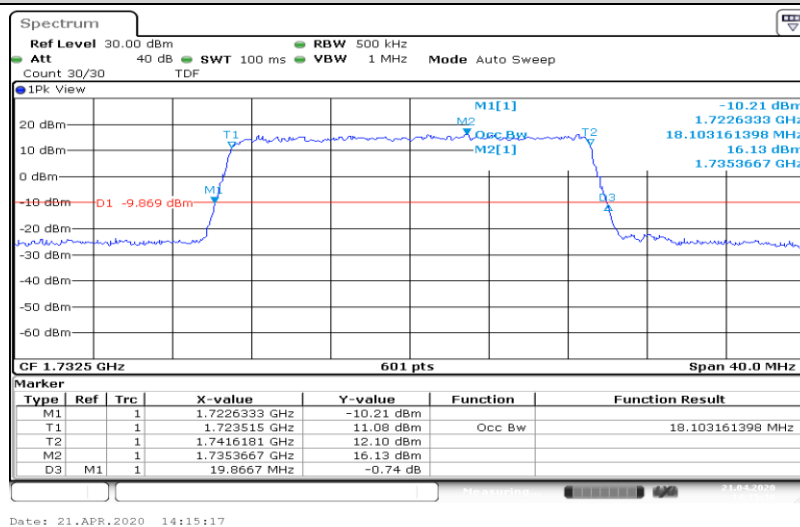
Band4-20MHz-QPSK-20300-100RB#0-18.037



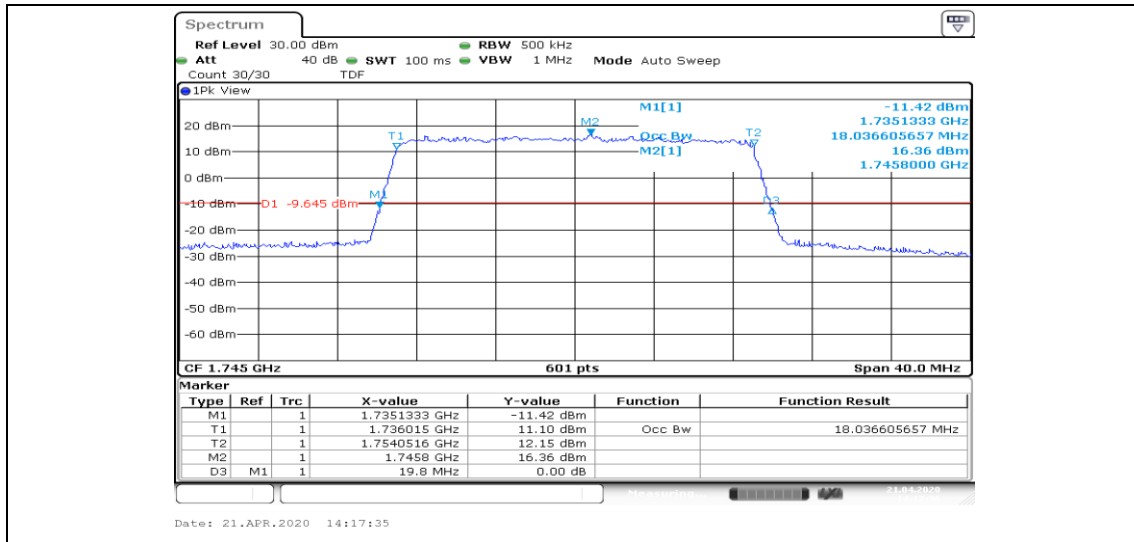
Band4-20MHz-16QAM-20050-100RB#0-18.037



Band4-20MHz-16QAM-20175-100RB#0-18.103



Band4-20MHz-16QAM-20300-100RB#0-18.037



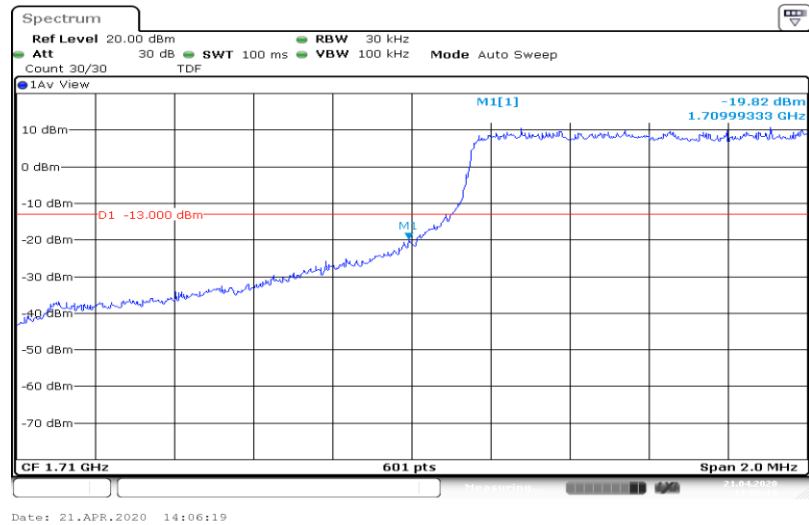
Appendix C: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-19.82	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-21.80	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-22.46	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-22.51	PASS
Band4	3MHz	QPSK	19965	15RB#0	-22.47	PASS
Band4	3MHz	QPSK	20385	15RB#0	-24.55	PASS
Band4	3MHz	16QAM	19965	15RB#0	-23.90	PASS
Band4	3MHz	16QAM	20385	15RB#0	-25.71	PASS
Band4	5MHz	QPSK	19975	25RB#0	-25.02	PASS
Band4	5MHz	QPSK	20375	25RB#0	-27.22	PASS
Band4	5MHz	16QAM	19975	25RB#0	-26.29	PASS
Band4	5MHz	16QAM	20375	25RB#0	-27.89	PASS
Band4	10MHz	QPSK	20000	50RB#0	-29.85	PASS
Band4	10MHz	QPSK	20350	50RB#0	-31.85	PASS
Band4	10MHz	16QAM	20000	50RB#0	-31.55	PASS
Band4	10MHz	16QAM	20350	50RB#0	-32.04	PASS
Band4	15MHz	QPSK	20025	75RB#0	-29.21	PASS
Band4	15MHz	QPSK	20325	75RB#0	-30.77	PASS
Band4	15MHz	16QAM	20025	75RB#0	-32.82	PASS
Band4	15MHz	16QAM	20325	75RB#0	-33.29	PASS
Band4	20MHz	QPSK	20050	100RB#0	-31.56	PASS
Band4	20MHz	QPSK	20300	100RB#0	-33.39	PASS
Band4	20MHz	16QAM	20050	100RB#0	-31.62	PASS
Band4	20MHz	16QAM	20300	100RB#0	-32.67	PASS

Test Graphs

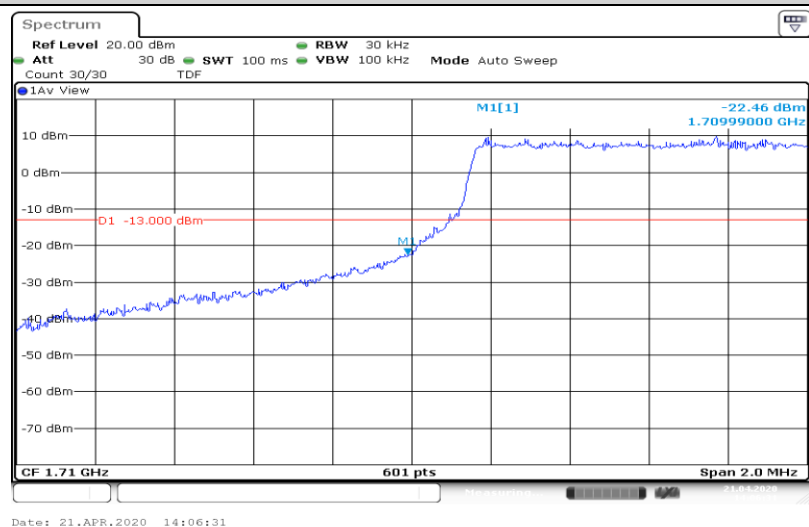
Band4-1.4MHz-QPSK-19957-6RB#0



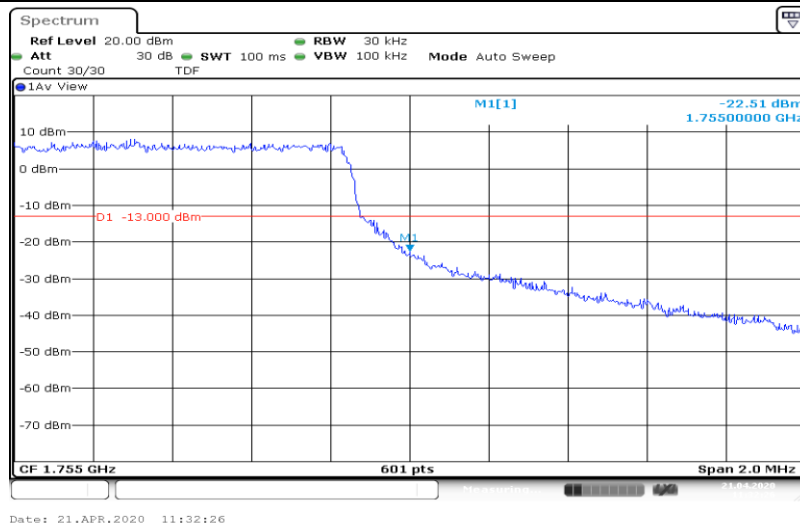
Band4-1.4MHz-QPSK-20393-6RB#0



Band4-1.4MHz-16QAM-19957-6RB#0



Band4-1.4MHz-16QAM-20393-6RB#0



Band4-3MHz-QPSK-19965-15RB#0



Band4-3MHz-QPSK-20385-15RB#0



Band4-3MHz-16QAM-19965-15RB#0