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

Test Result

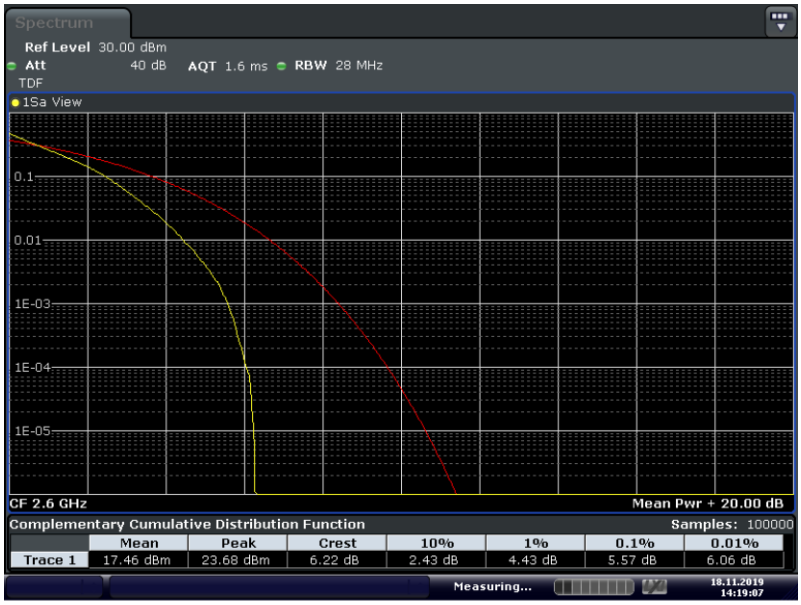
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	40265	25RB#0	6.12	13	PASS
Band41	5MHz	QPSK	40690	25RB#0	5.57	13	PASS
Band41	5MHz	QPSK	41215	25RB#0	5.86	13	PASS
Band41	5MHz	16QAM	40265	25RB#0	6.29	13	PASS
Band41	5MHz	16QAM	40690	25RB#0	7.01	13	PASS
Band41	5MHz	16QAM	41215	25RB#0	7.13	13	PASS
Band41	10MHz	QPSK	40290	50RB#0	3.97	13	PASS
Band41	10MHz	QPSK	40690	50RB#0	6.20	13	PASS
Band41	10MHz	QPSK	41190	50RB#0	4.55	13	PASS
Band41	10MHz	16QAM	40290	50RB#0	4.00	13	PASS
Band41	10MHz	16QAM	40690	50RB#0	6.96	13	PASS
Band41	10MHz	16QAM	41190	50RB#0	4.61	13	PASS
Band41	15MHz	QPSK	40315	75RB#0	4.03	13	PASS
Band41	15MHz	QPSK	40690	75RB#0	5.74	13	PASS
Band41	15MHz	QPSK	41165	75RB#0	5.86	13	PASS
Band41	15MHz	16QAM	40315	75RB#0	4.70	13	PASS
Band41	15MHz	16QAM	40690	75RB#0	6.14	13	PASS
Band41	15MHz	16QAM	41165	75RB#0	4.67	13	PASS
Band41	20MHz	QPSK	40340	100RB#0	7.28	13	PASS
Band41	20MHz	QPSK	40690	100RB#0	6.99	13	PASS
Band41	20MHz	QPSK	41140	100RB#0	8.00	13	PASS
Band41	20MHz	16QAM	40340	100RB#0	5.48	13	PASS
Band41	20MHz	16QAM	40690	100RB#0	6.17	13	PASS
Band41	20MHz	16QAM	41140	100RB#0	8.43	13	PASS

Test Graphs

Band41-5MHz-QPSK-40265-25RB#0

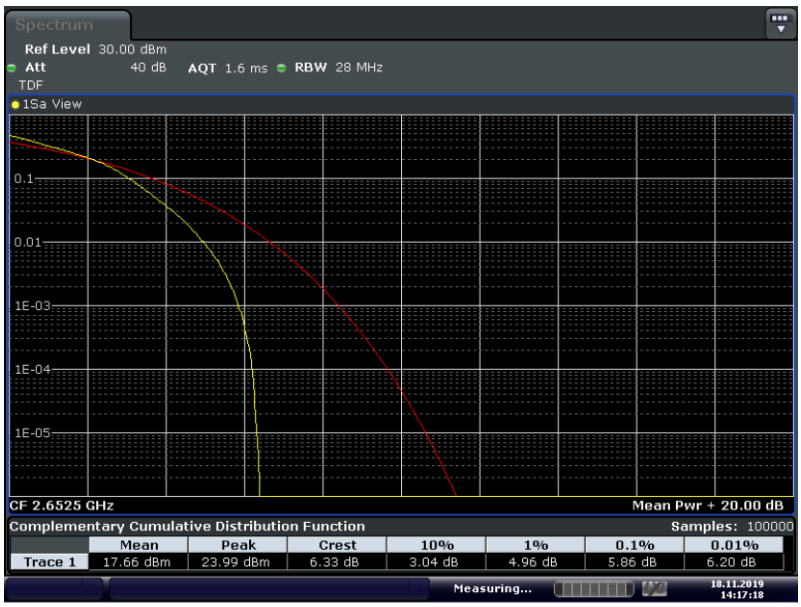
Date: 18.NOV.2019 14:14:49

Band41-5MHz-QPSK-40690-25RB#0



Date: 18.NOV.2019 14:19:07

Band41-5MHz-QPSK-41215-25RB#0



Date: 18.NOV.2019 14:17:19

Band41-5MHz-16QAM-40265-25RB#0

Date: 18.NOV.2019 14:15:48

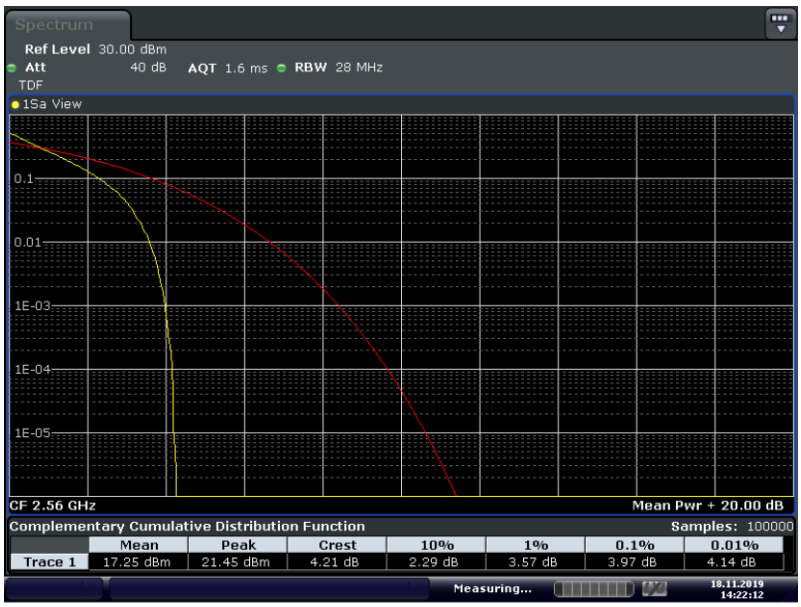
Band41-5MHz-16QAM-40690-25RB#0

Date: 18.NOV.2019 14:19:34

Band41-5MHz-16QAM-41215-25RB#0

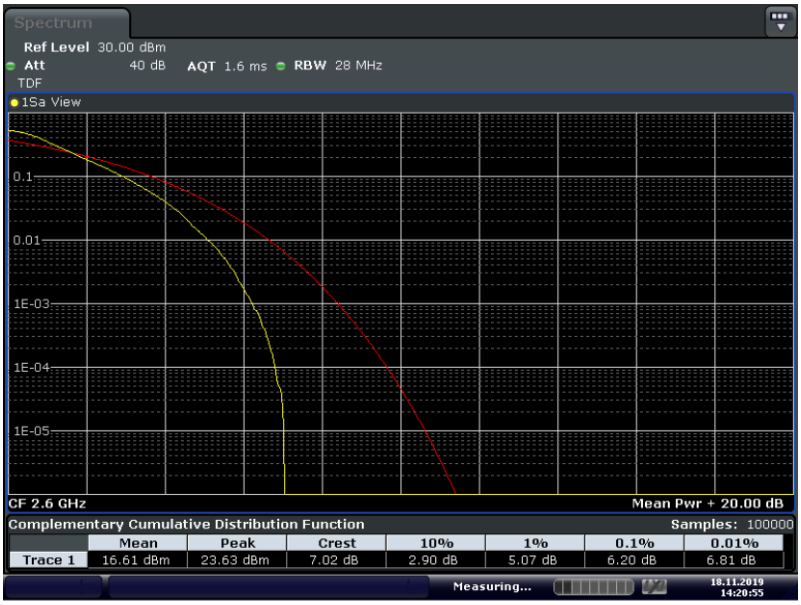
Date: 18.NOV.2019 14:17:46

Band41-10MHz-QPSK-40290-50RB#0



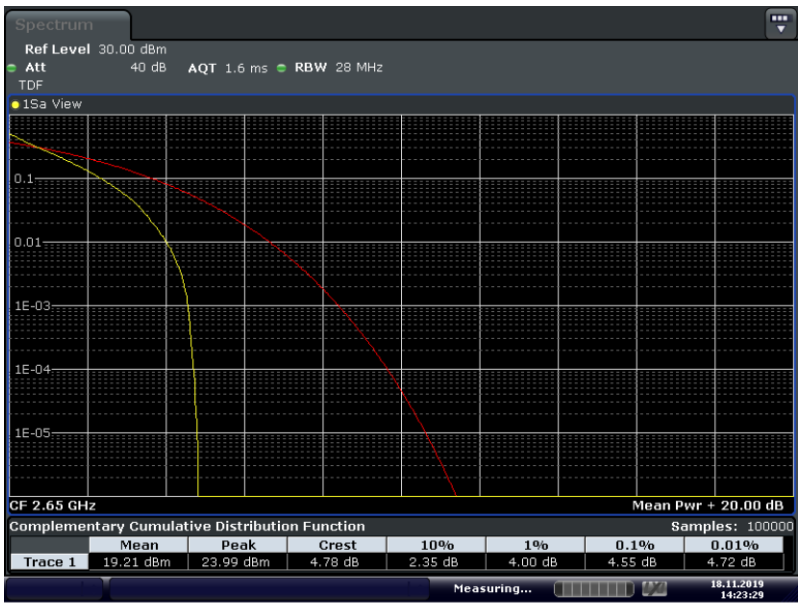
Date: 18.NOV.2019 14:22:12

Band41-10MHz-QPSK-40690-50RB#0



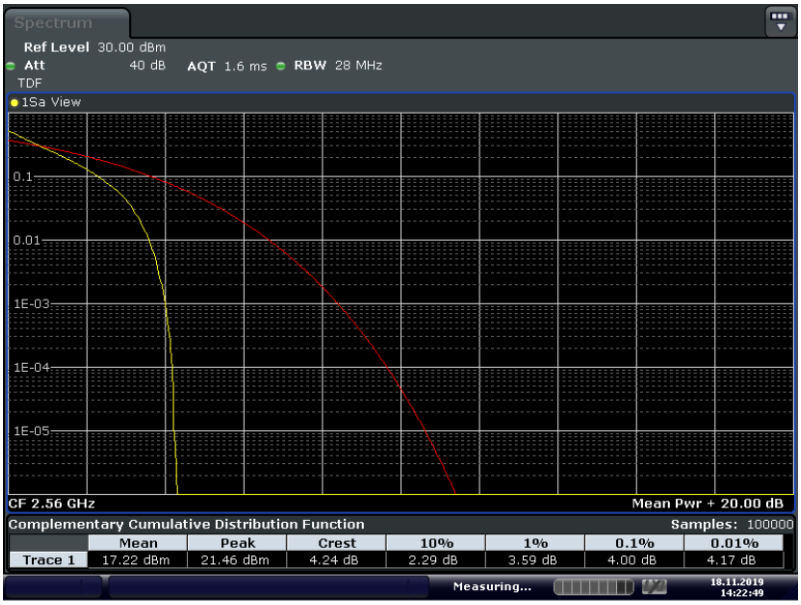
Date: 18.NOV.2019 14:20:55

Band41-10MHz-QPSK-41190-50RB#0



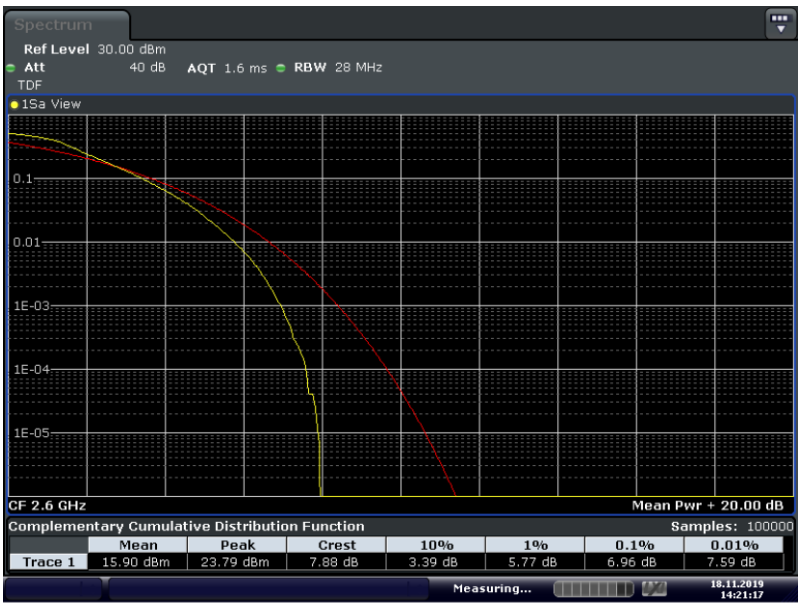
Date: 18.NOV.2019 14:23:29

Band41-10MHz-16QAM-40290-50RB#0



Date: 18.NOV.2019 14:22:49

Band41-10MHz-16QAM-40690-50RB#0



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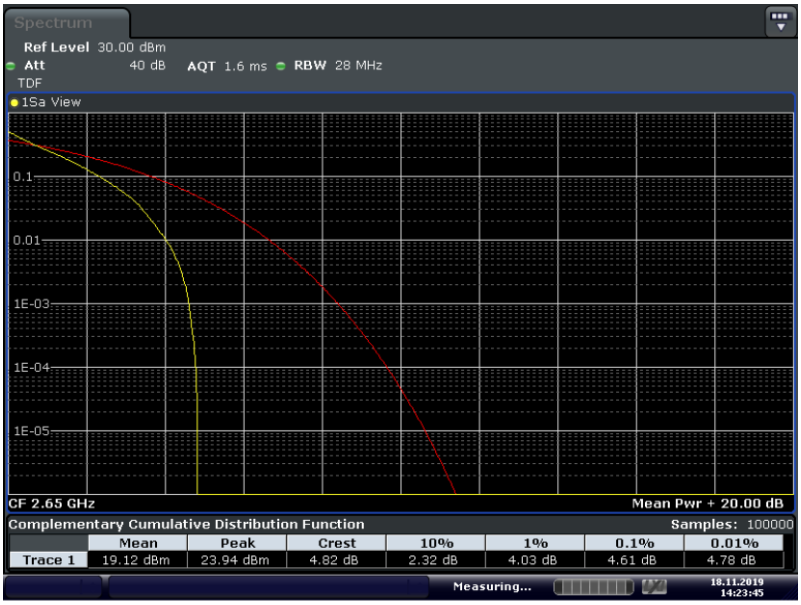
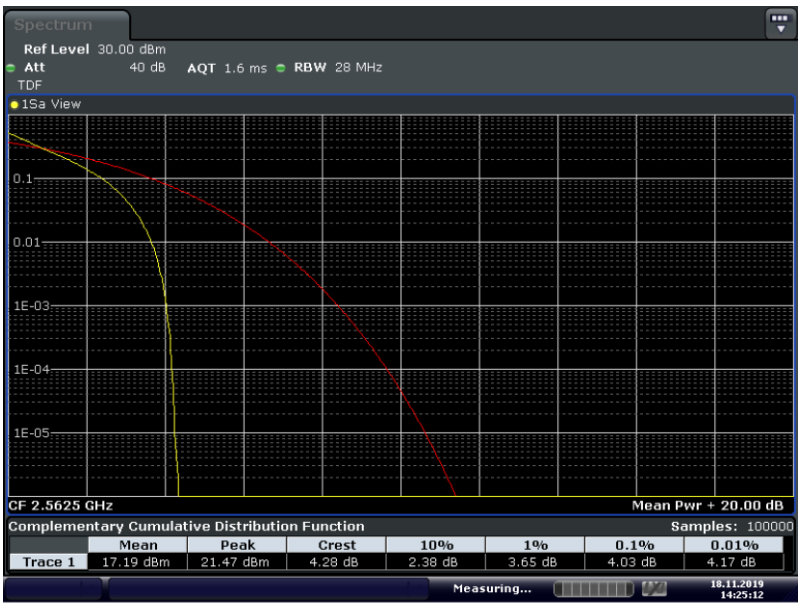
Band41-10MHz-16QAM-41190-50RB#0



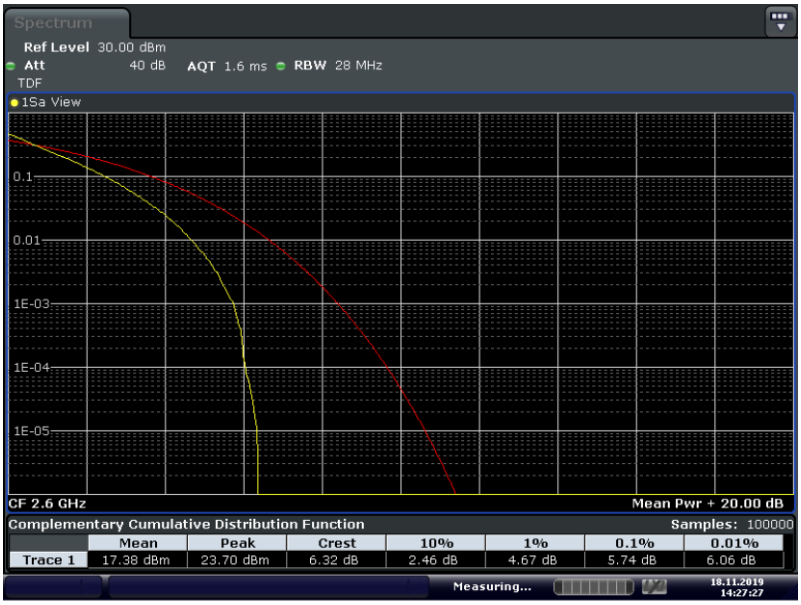
Date: 18.NOV.2019 14:23:46

Band41-15MHz-QPSK-40315-75RB#0



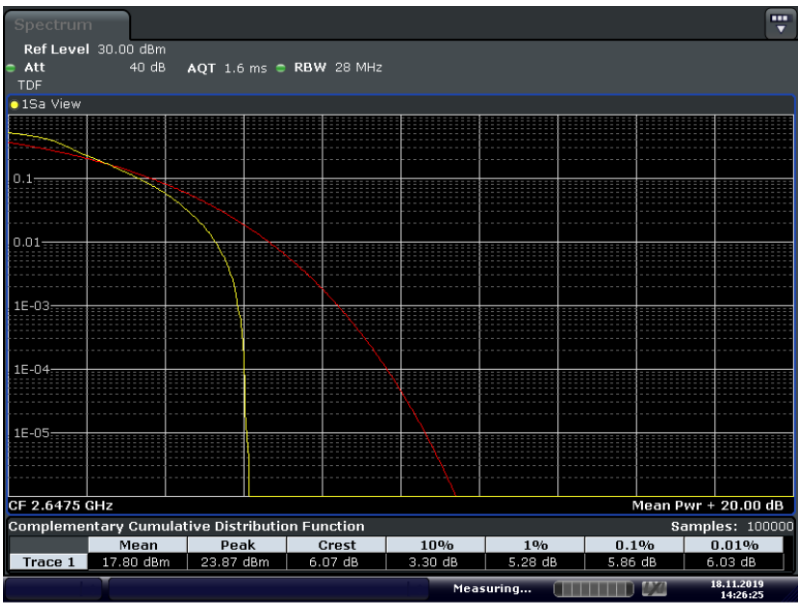
Date: 18.NOV.2019 14:25:12

Band41-15MHz-QPSK-40690-75RB#0



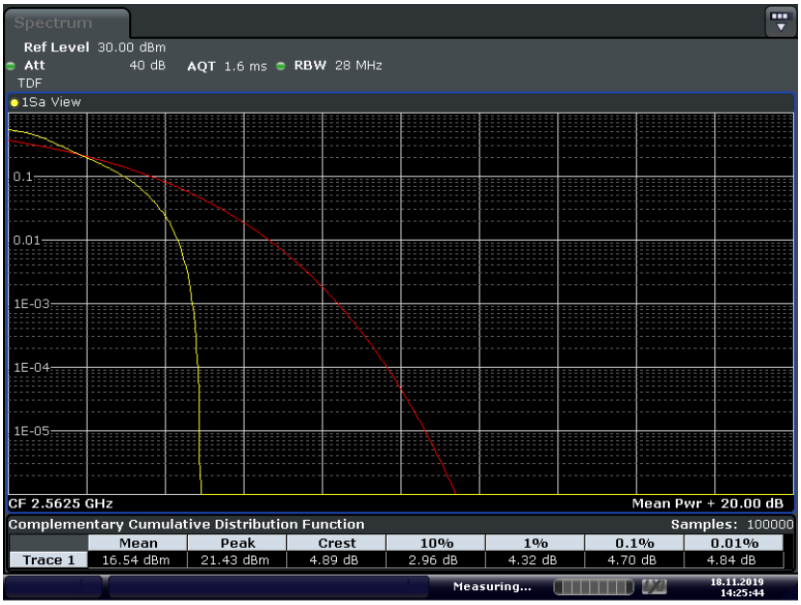
Date: 18.NOV.2019 14:27:27

Band41-15MHz-QPSK-41165-75RB#0



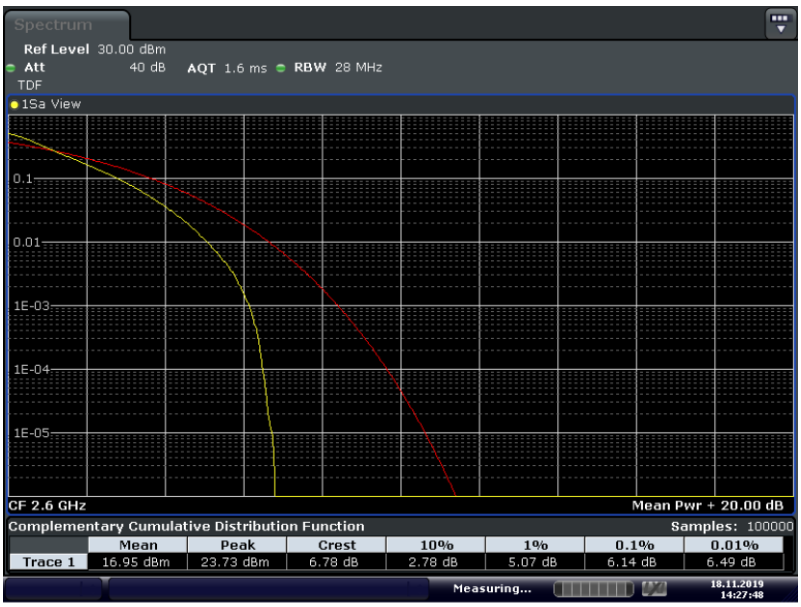
Date: 18.NOV.2019 14:26:25

Band41-15MHz-16QAM-40315-75RB#0



Date: 18.NOV.2019 14:25:44

Band41-15MHz-16QAM-40690-75RB#0

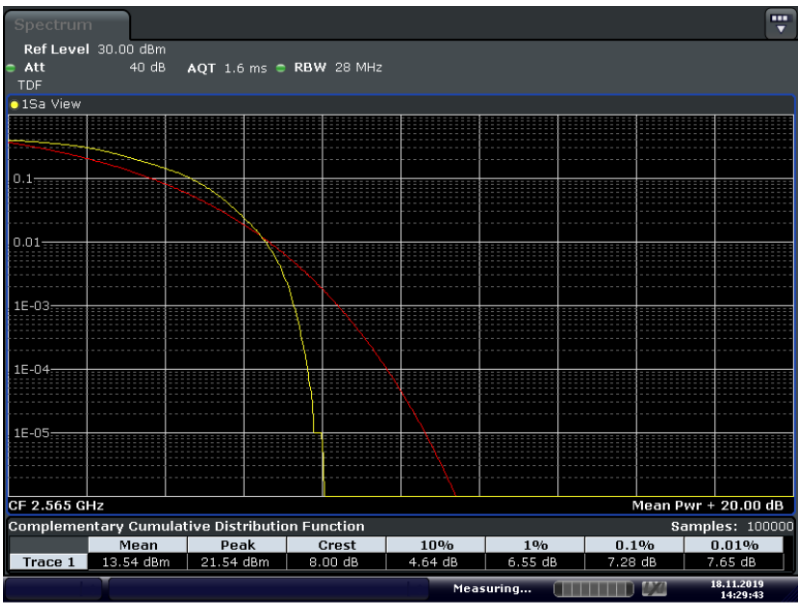


Date: 18.NOV.2019 14:27:48

Band41-15MHz-16QAM-41165-75RB#0

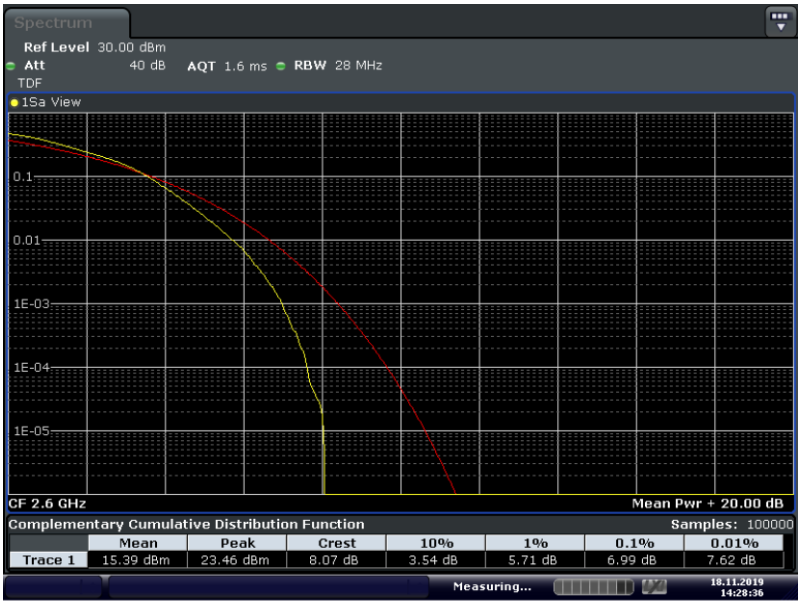
Date: 18.NOV.2019 14:26:58

Band41-20MHz-QPSK-40340-100RB#0



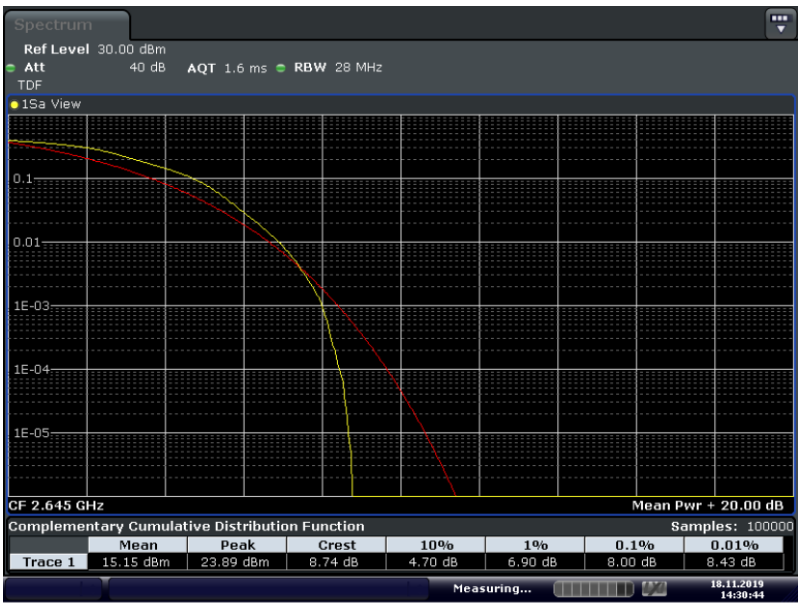
Date: 18.NOV.2019 14:29:43

Band41-20MHz-QPSK-40690-100RB#0



Date: 18.NOV.2019 14:28:36

Band41-20MHz-QPSK-41140-100RB#0



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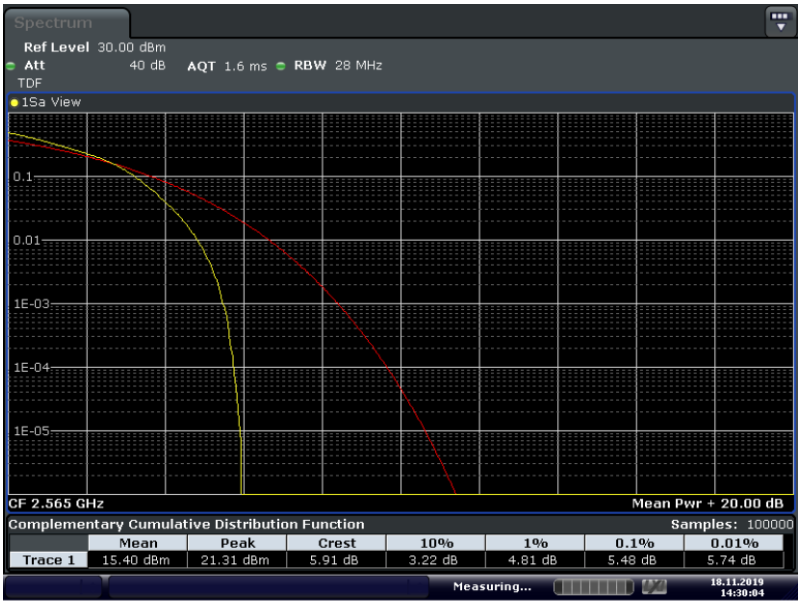
Band41-20MHz-16QAM-40340-100RB#0



Date: 18.NOV.2019 14:30:05

Band41-20MHz-16QAM-40690-100RB#0

Date: 18.NOV.2019 14:29:12

Band41-20MHz-16QAM-41140-100RB#0

Date: 18.NOV.2019 14:31:02

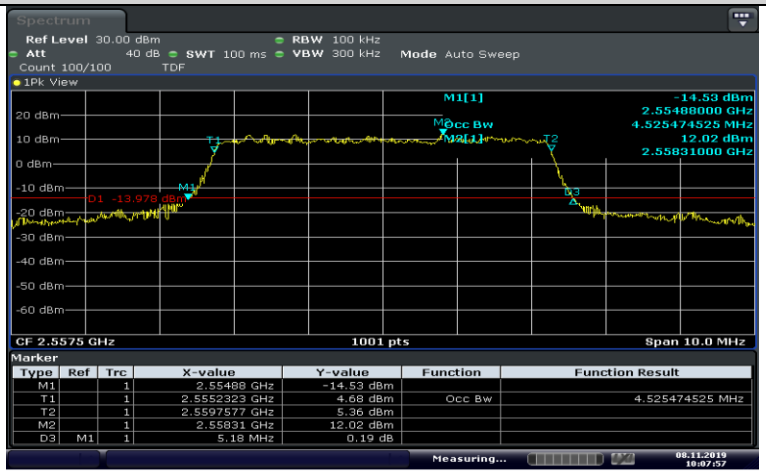
Appendix B: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	40265	25RB#0	4.525	5.180	PASS
Band41	5MHz	QPSK	40690	25RB#0	4.515	5.260	PASS
Band41	5MHz	QPSK	41215	25RB#0	4.515	5.160	PASS
Band41	5MHz	16QAM	40265	25RB#0	4.505	5.340	PASS
Band41	5MHz	16QAM	40690	25RB#0	4.515	5.280	PASS
Band41	5MHz	16QAM	41215	25RB#0	4.515	5.180	PASS
Band41	10MHz	QPSK	40290	50RB#0	8.985	9.651	PASS
Band41	10MHz	QPSK	40690	50RB#0	8.985	9.884	PASS
Band41	10MHz	QPSK	41190	50RB#0	8.952	9.784	PASS
Band41	10MHz	16QAM	40290	50RB#0	8.918	9.617	PASS
Band41	10MHz	16QAM	40690	50RB#0	8.985	9.950	PASS
Band41	10MHz	16QAM	41190	50RB#0	8.952	9.884	PASS
Band41	15MHz	QPSK	40315	75RB#0	13.527	15.550	PASS
Band41	15MHz	QPSK	40690	75RB#0	13.527	15.092	PASS
Band41	15MHz	QPSK	41165	75RB#0	13.478	15.950	PASS
Band41	15MHz	16QAM	40315	75RB#0	13.527	15.750	PASS
Band41	15MHz	16QAM	40690	75RB#0	13.527	15.591	PASS
Band41	15MHz	16QAM	41165	75RB#0	13.478	15.800	PASS
Band41	20MHz	QPSK	40340	100RB#0	18.037	20.033	PASS
Band41	20MHz	QPSK	40690	100RB#0	18.103	20.333	PASS
Band41	20MHz	QPSK	41140	100RB#0	18.037	20.533	PASS
Band41	20MHz	16QAM	40340	100RB#0	18.037	20.533	PASS
Band41	20MHz	16QAM	40690	100RB#0	18.103	20.050	PASS
Band41	20MHz	16QAM	41140	100RB#0	18.037	20.166	PASS

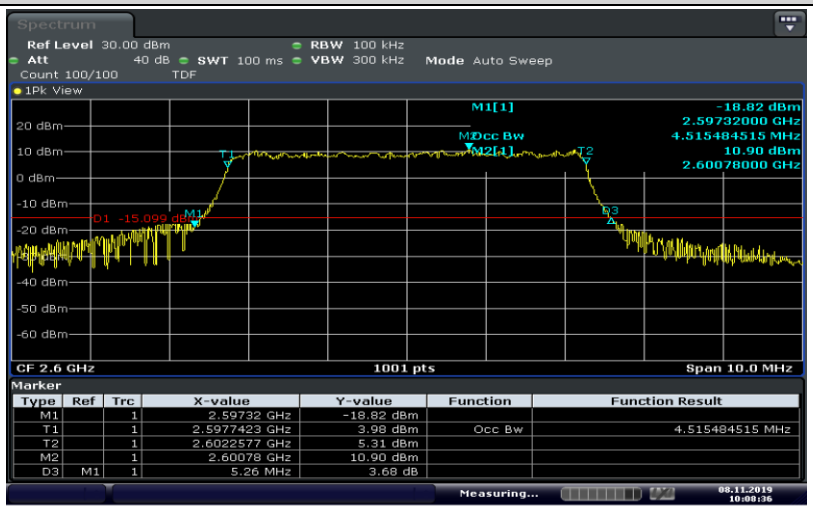
Test Graphs

Band41-5MHz-QPSK-40265-25RB#0-4.525



Date: 8.NOV.2019 10:07:58

Band41-5MHz-QPSK-40690-25RB#0-4.515

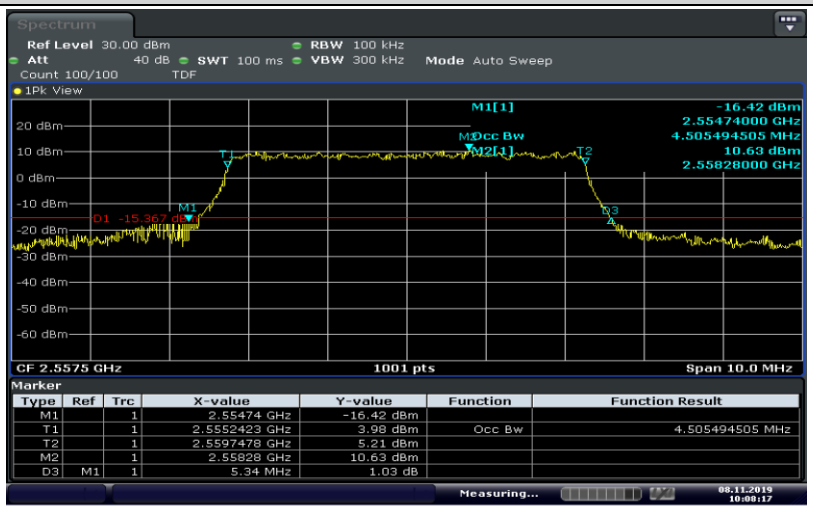


Date: 8.NOV.2019 10:08:37

Band41-5MHz-QPSK-41215-25RB#0-4.515

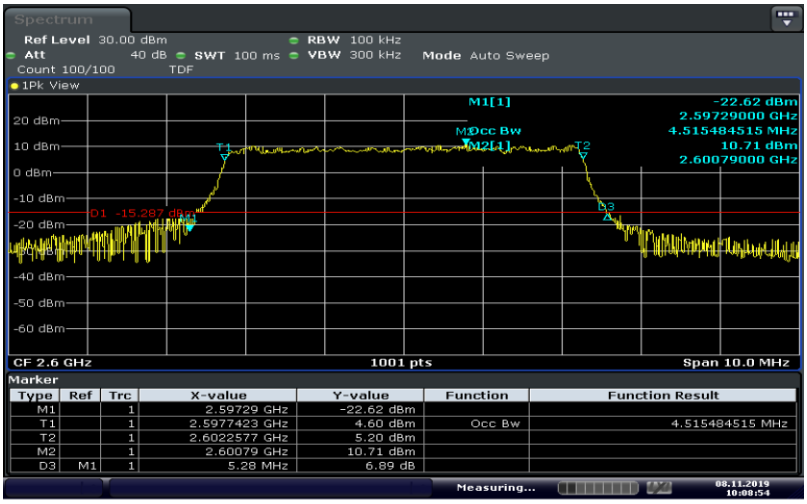
Date: 8.NOV.2019 10:09:14

Band41-5MHz-16QAM-40265-25RB#0-4.505



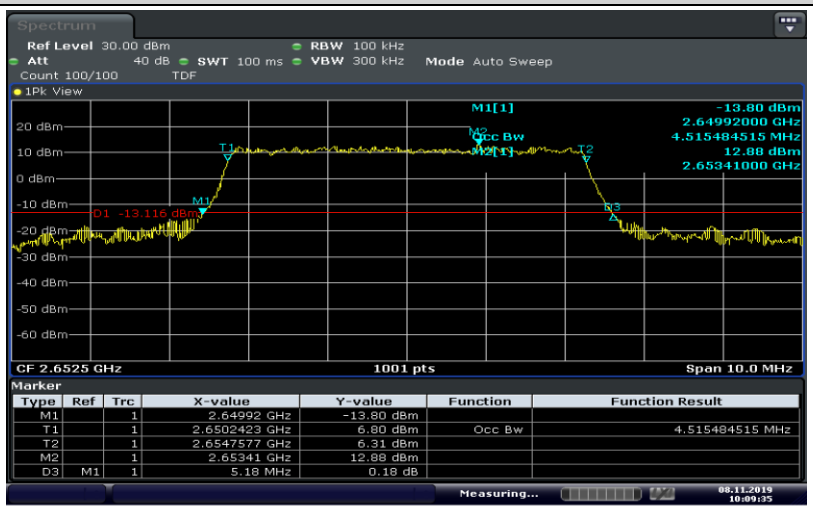
Date: 8.NOV.2019 10:08:17

Band41-5MHz-16QAM-40690-25RB#0-4.515



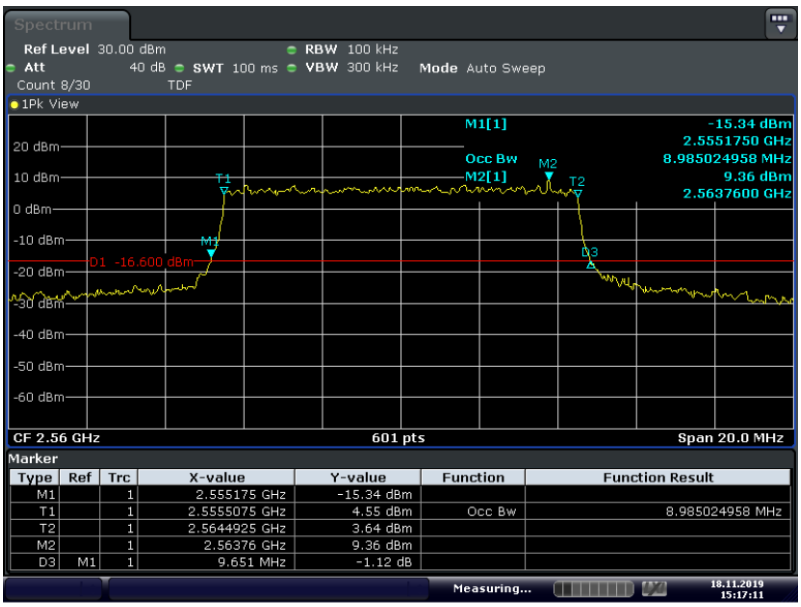
Date: 8.NOV.2019 10:08:54

Band41-5MHz-16QAM-41215-25RB#0-4.515



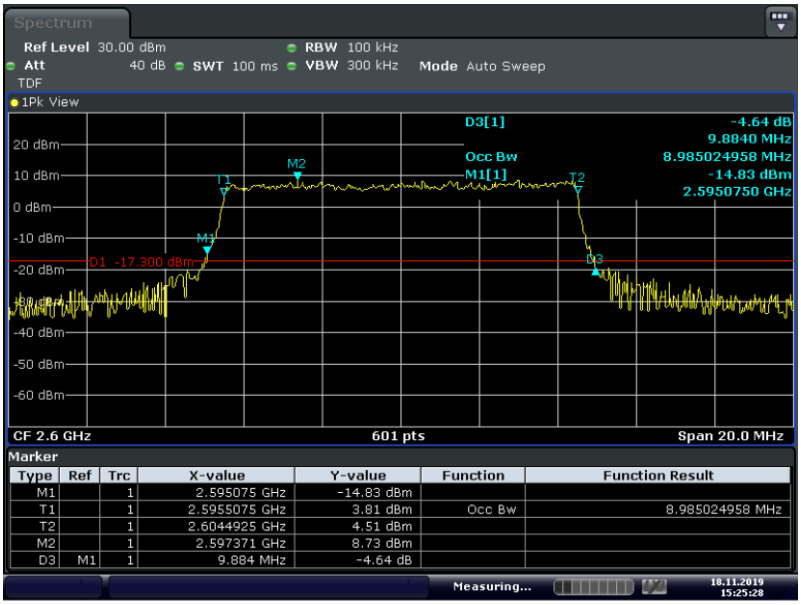
Date: 8.NOV.2019 10:09:35

Band41-10MHz-QPSK-40290-50RB#0



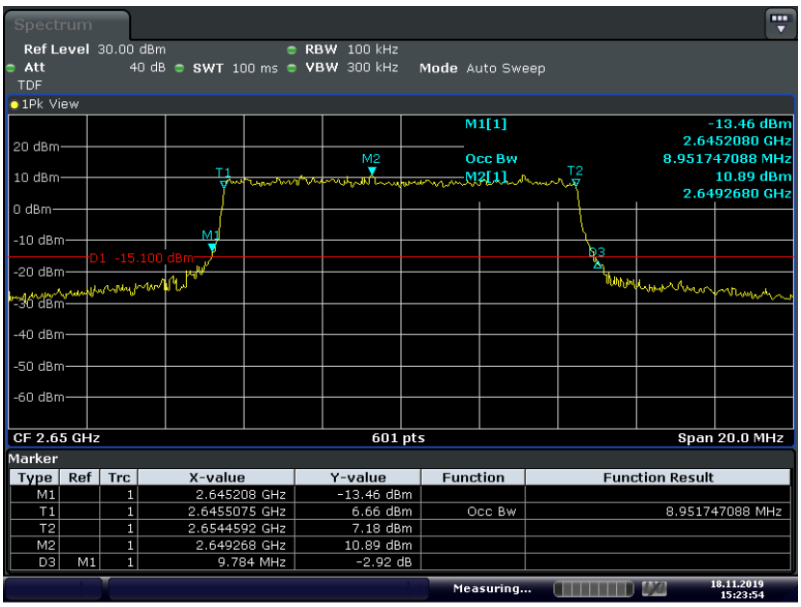
Date: 18.NOV.2019 15:17:11

Band41-10MHz-QPSK-40690-50RB#0



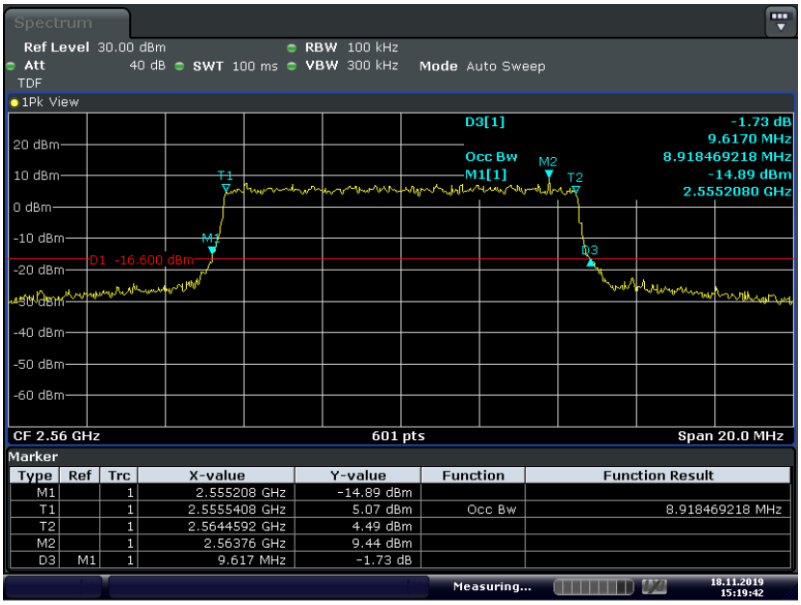
Date: 18.NOV.2019 15:25:27

Band41-10MHz-QPSK-41190-50RB#0



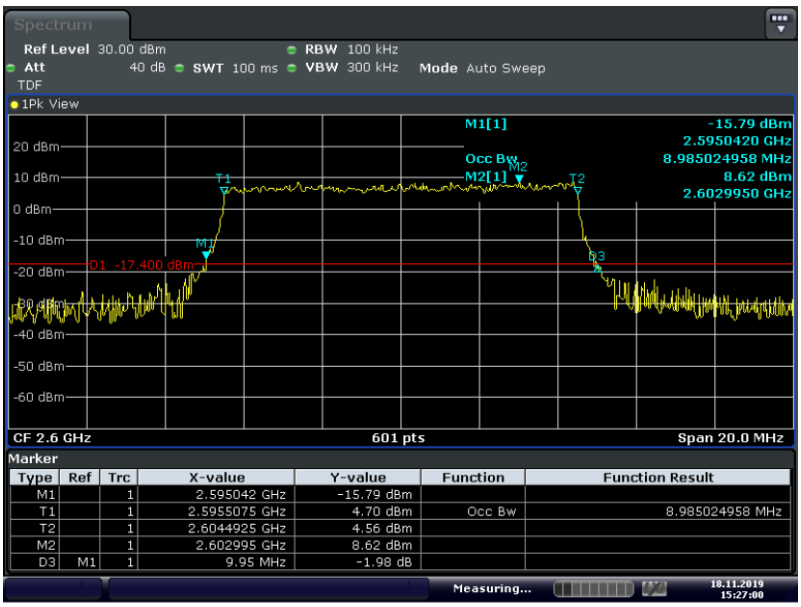
Date: 18.NOV.2019 15:23:54

Band41-10MHz-16QAM-40290-50RB#0



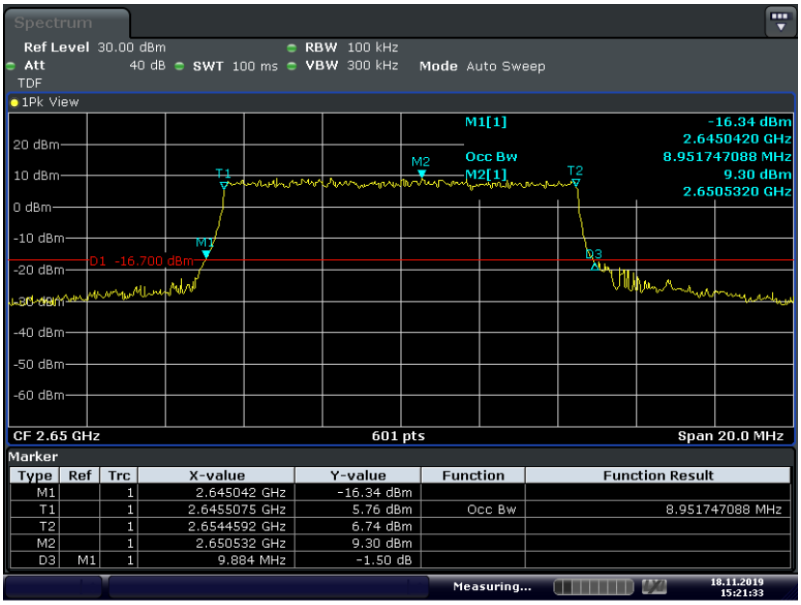
Date: 18.NOV.2019 15:19:43

Band41-10MHz-16QAM-40690-50RB#0



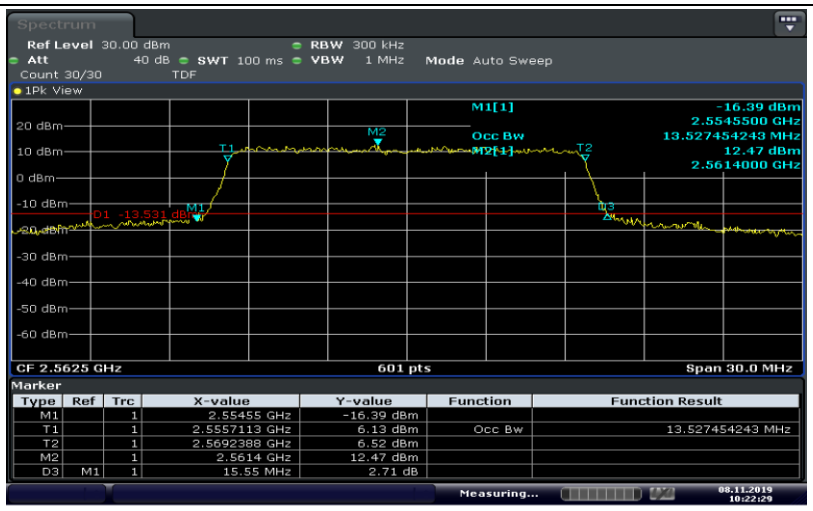
Date: 18.NOV.2019 15:27:00

Band41-10MHz-16QAM-41190-50RB#0



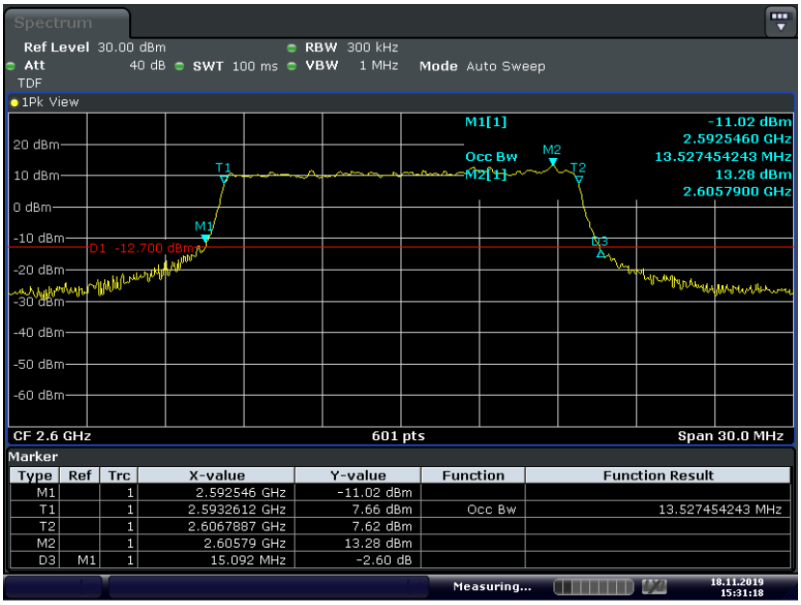
Date: 18.NOV.2019 15:21:34

Band41-15MHz-QPSK-40315-75RB#0-13.527



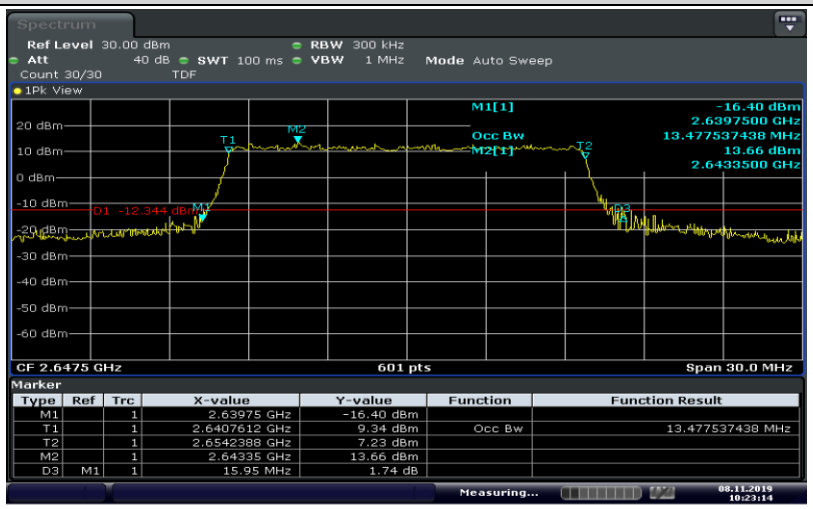
Date: 8.NOV.2019 10:22:29

Band41-15MHz-QPSK-40690-75RB#0-13.527



Date: 18.NOV.2019 15:31:18

Band41-15MHz-QPSK-41165-75RB#0-13.478

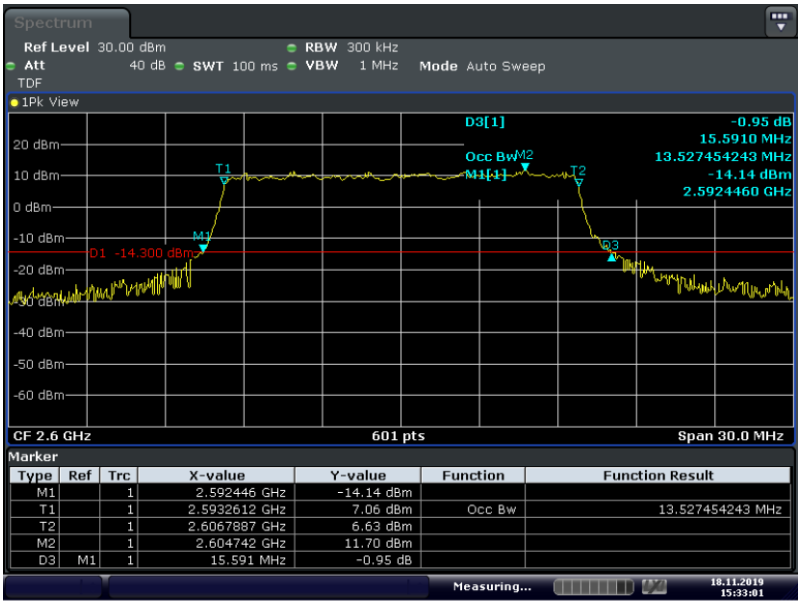


Date: 8.NOV.2019 10:23:14

Band41-15MHz-16QAM-40315-75RB#0-13.527

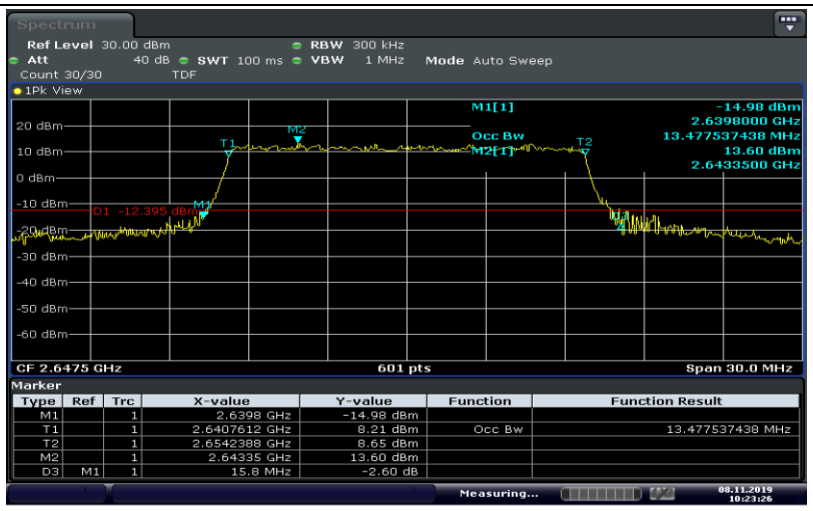
Date: 8.NOV.2019 10:22:40

Band41-15MHz-16QAM-40690-75RB#0-13.527



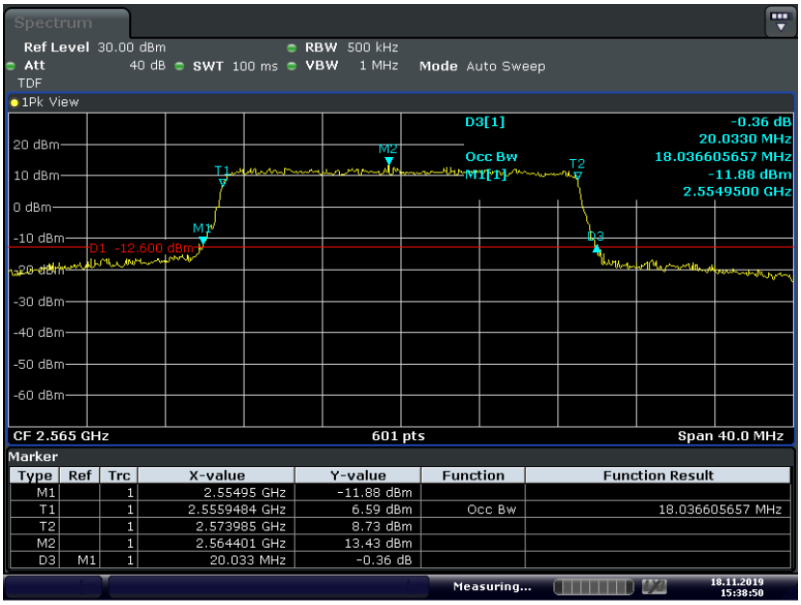
Date: 18.NOV.2019 15:33:01

Band41-15MHz-16QAM-41165-75RB#0-13.478



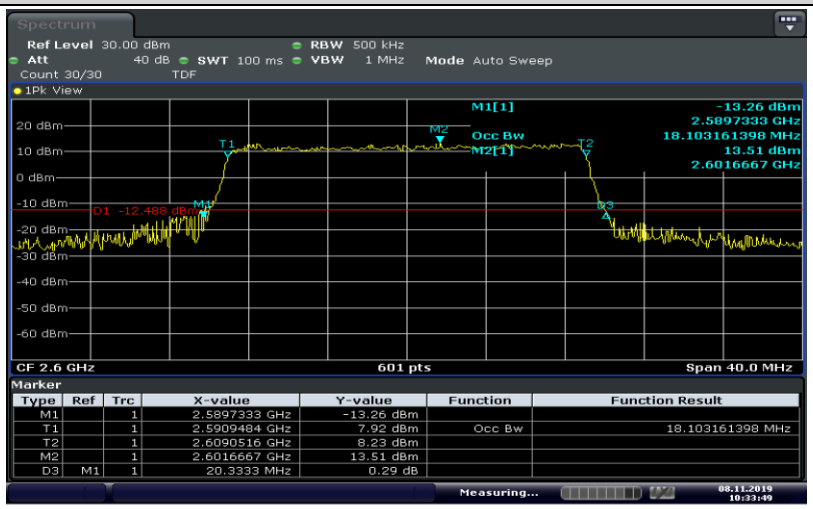
Date: 8.NOV.2019 10:23:25

Band41-20MHz-QPSK-40340-100RB#0-18.037



Date: 18.NOV.2019 15:38:50

Band41-20MHz-QPSK-40690-100RB#0-18.103



Date: 8.NOV.2019 10:33:50

Band41-20MHz-QPSK-41140-100RB#0-18.037

Date: 8.NOV.2019 10:51:37

Band41-20MHz-16QAM-40340-100RB#0-18.037

Date: 8.NOV.2019 10:32:14

Band41-20MHz-16QAM-40690-100RB#0-18.103

Date: 18.NOV.2019 15:36:43

Band41-20MHz-16QAM-41140-100RB#0-18.037

Date: 18.NOV.2019 15:40:18

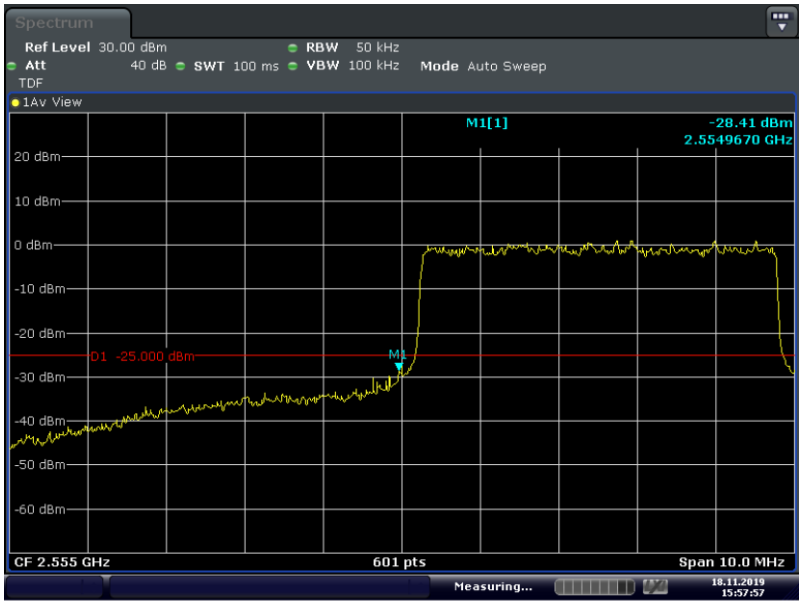
Appendix C: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	40265	25RB#0	-28.41	PASS
Band41	5MHz	QPSK	41215	25RB#0	-29.02	PASS
Band41	5MHz	16QAM	40265	25RB#0	-31.02	PASS
Band41	5MHz	16QAM	41215	25RB#0	-29.51	PASS
Band41	10MHz	QPSK	40290	50RB#0	-30.84	PASS
Band41	10MHz	QPSK	41190	50RB#0	-31.50	PASS
Band41	10MHz	16QAM	40290	50RB#0	-30.31	PASS
Band41	10MHz	16QAM	41190	50RB#0	-30.72	PASS
Band41	15MHz	QPSK	40315	75RB#0	-30.97	PASS
Band41	15MHz	QPSK	41165	75RB#0	-32.10	PASS
Band41	15MHz	16QAM	40315	75RB#0	-30.37	PASS
Band41	15MHz	16QAM	41165	75RB#0	-32.31	PASS
Band41	20MHz	QPSK	40340	100RB#0	-29.79	PASS
Band41	20MHz	QPSK	41140	100RB#0	-32.69	PASS
Band41	20MHz	16QAM	40340	100RB#0	-29.82	PASS
Band41	20MHz	16QAM	41140	100RB#0	-32.78	PASS

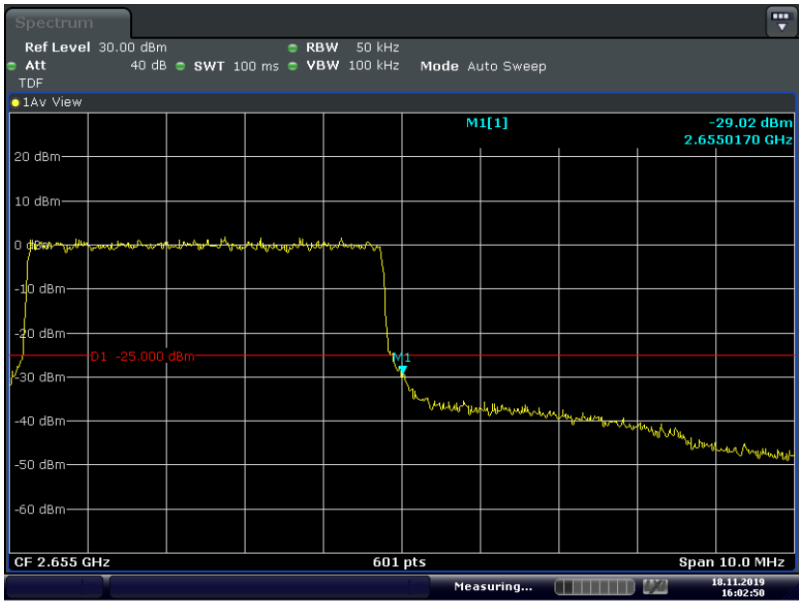
Test Graphs

Band41-5MHz-QPSK-40265-25RB#0



Date: 18.NOV.2019 15:57:57

Band41-5MHz-QPSK-41215-25RB#0



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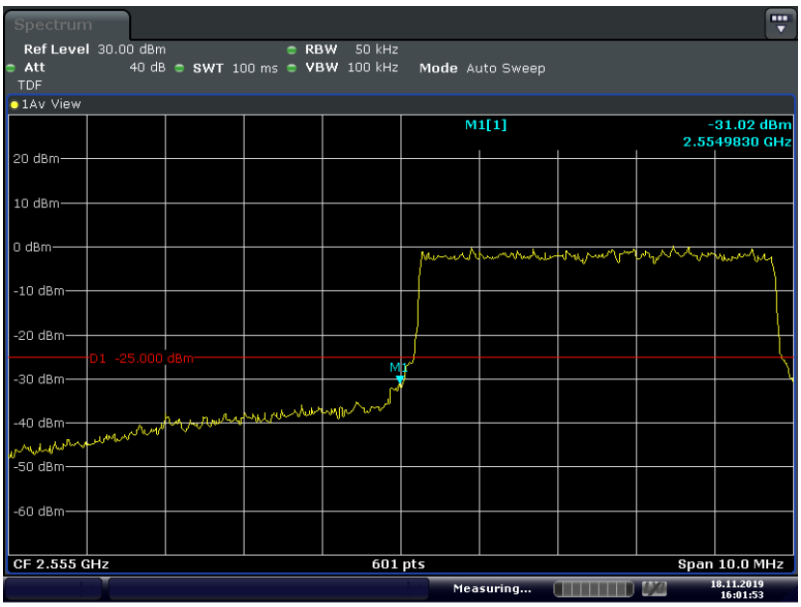
Band41-5MHz-16QAM-40265-25RB#0



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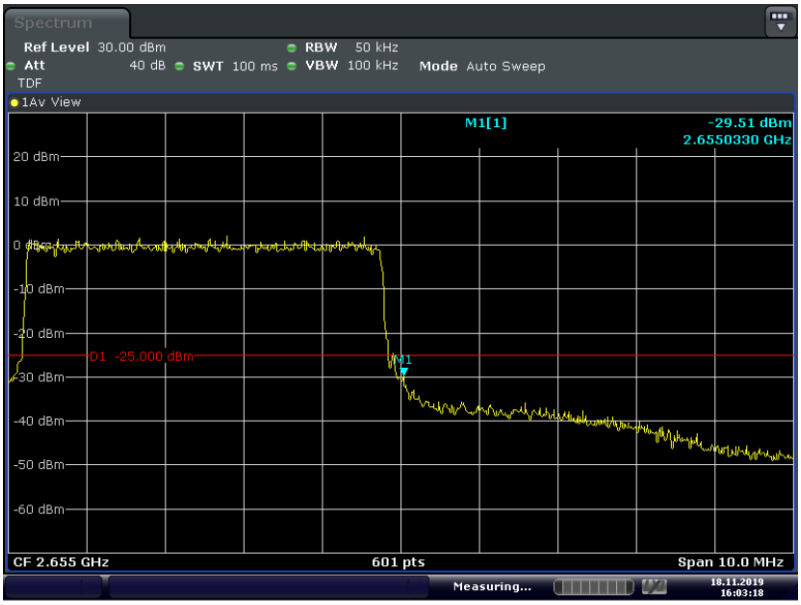
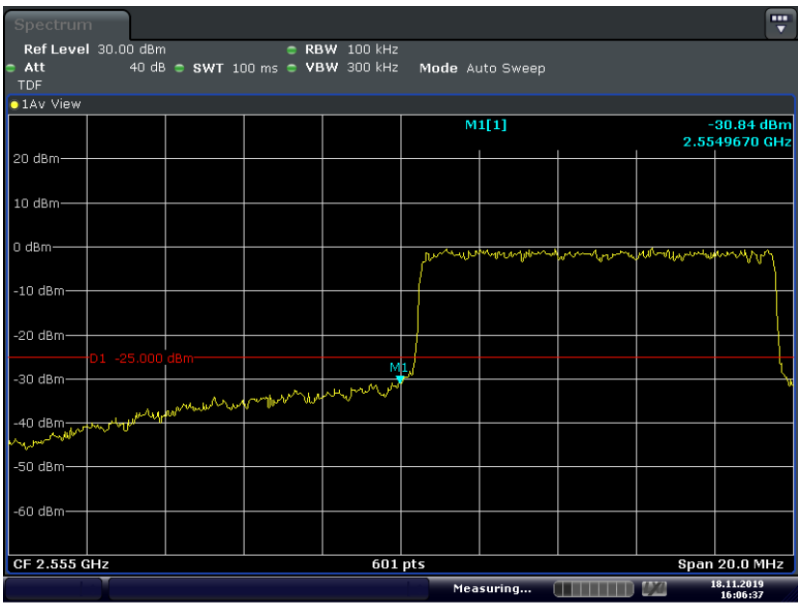
Band41-5MHz-16QAM-41215-25RB#0



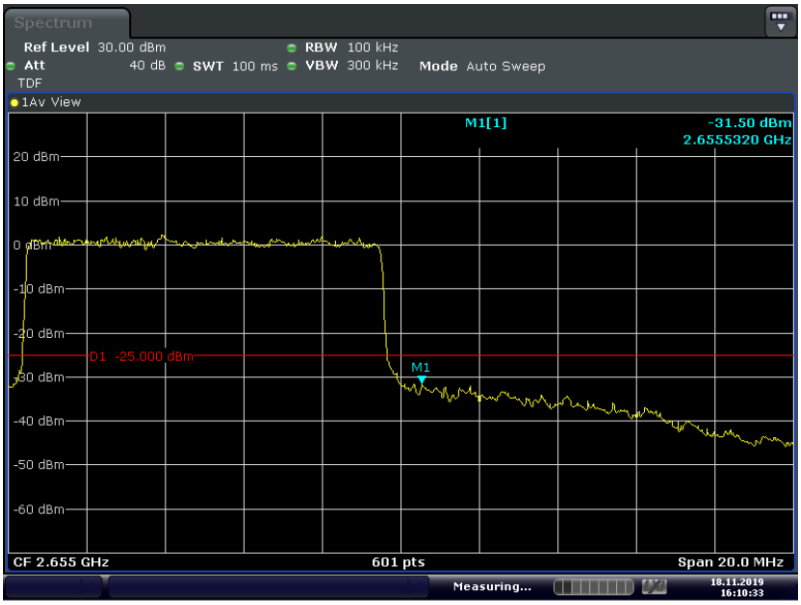
Date: 18.NOV.2019 16:03:18

Band41-10MHz-QPSK-40290-50RB#0



Date: 18.NOV.2019 16:06:38

Band41-10MHz-QPSK-41190-50RB#0



Date: 18.NOV.2019 16:10:32

Band41-10MHz-16QAM-40290-50RB#0