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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	3.94	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	3.54	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	2.75	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	4.78	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	4.55	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	3.80	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	4.32	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	3.68	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	3.65	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	5.10	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	4.67	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	4.55	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.58	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	3.77	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.26	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.33	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.72	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.16	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	4.61	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	4.17	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	4.38	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.59	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.01	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.30	13	PASS

Test Graphs

Band5-1.4MHz-QPSK-20407-6RB#0

Date: 7.NOV.2019 14:32:00

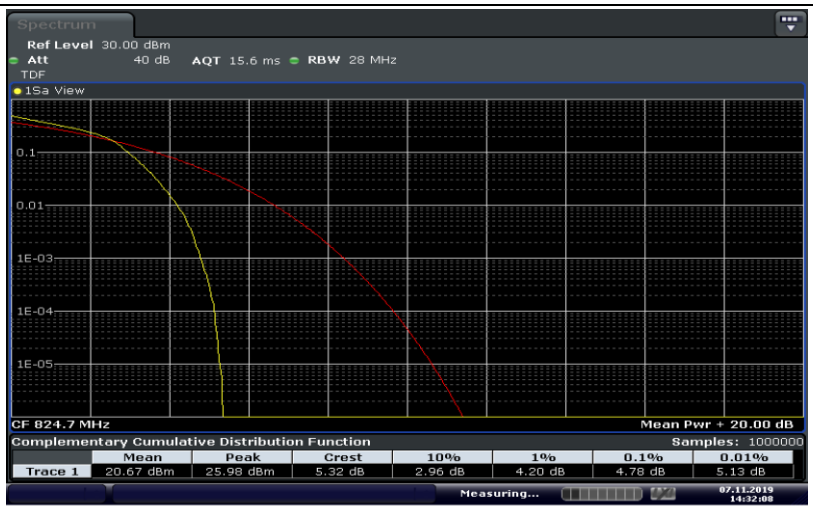
Band5-1.4MHz-QPSK-20525-6RB#0

Date: 7.NOV.2019 14:32:19

Band5-1.4MHz-QPSK-20643-6RB#0

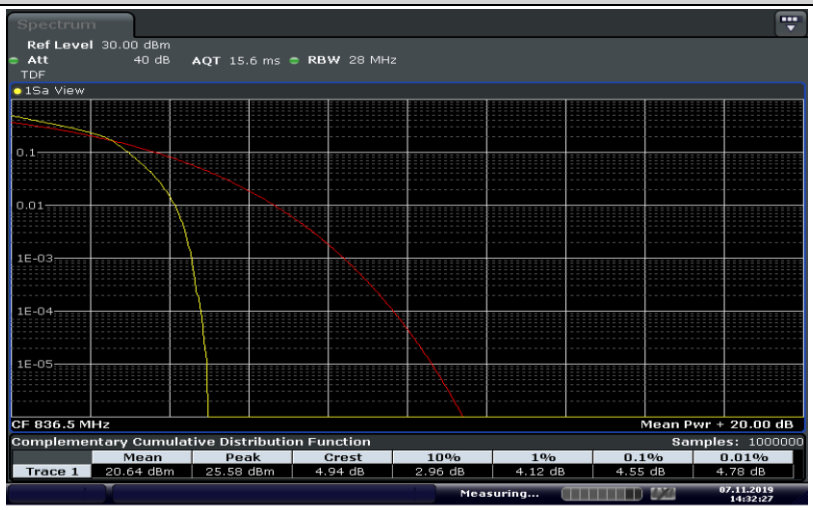
Date: 7.NOV.2019 14:32:38

Band5-1.4MHz-16QAM-20407-6RB#0



Date: 7.NOV.2019 14:32:09

Band5-1.4MHz-16QAM-20525-6RB#0



Date: 7.NOV.2019 14:32:27

Band5-1.4MHz-16QAM-20643-6RB#0

Date: 7.NOV.2019 14:32:47

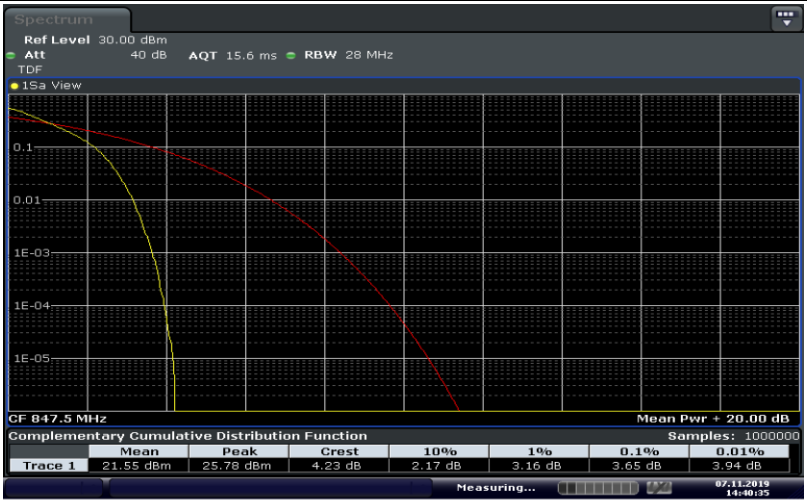
Band5-3MHz-QPSK-20415-15RB#0

Date: 7.NOV.2019 14:39:56

Band5-3MHz-QPSK-20525-15RB#0

Date: 7.NOV.2019 14:40:15

Band5-3MHz-QPSK-20635-15RB#0

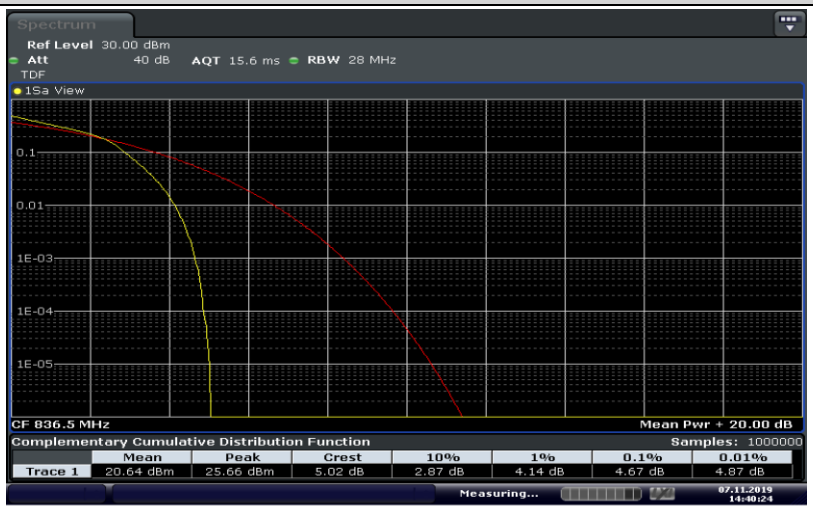


Date: 7.NOV.2019 14:40:35

Band5-3MHz-16QAM-20415-15RB#0

Date: 7.NOV.2019 14:40:05

Band5-3MHz-16QAM-20525-15RB#0



Date: 7.NOV.2019 14:40:24

Band5-3MHz-16QAM-20635-15RB#0

Date: 7.NOV.2019 14:40:44

Band5-5MHz-QPSK-20425-25RB#0

Date: 7.NOV.2019 14:49:31

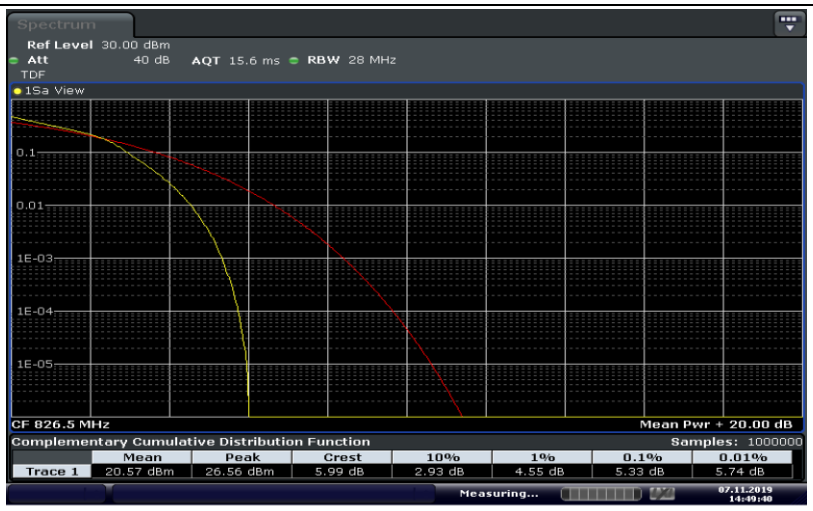
Band5-5MHz-QPSK-20525-25RB#0

Date: 7.NOV.2019 14:49:52

Band5-5MHz-QPSK-20625-25RB#0

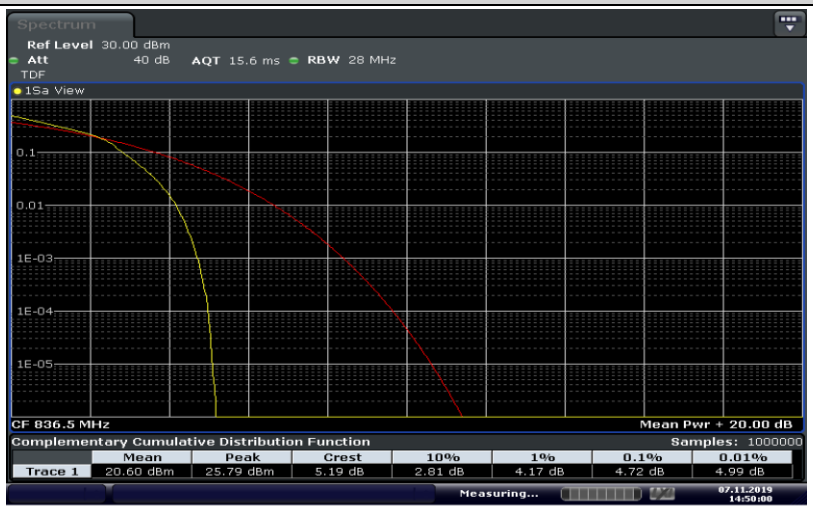
Date: 7.NOV.2019 14:50:11

Band5-5MHz-16QAM-20425-25RB#0



Date: 7.NOV.2019 14:49:41

Band5-5MHz-16QAM-20525-25RB#0

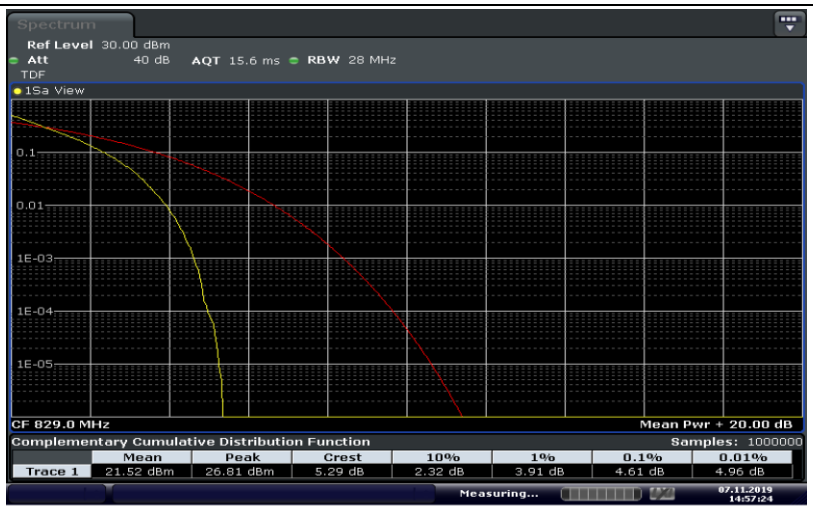


Date: 7.NOV.2019 14:50:01

Band5-5MHz-16QAM-20625-25RB#0

Date: 7.NOV.2019 14:50:20

Band5-10MHz-QPSK-20450-50RB#0



Date: 7.NOV.2019 14:57:25

Band5-10MHz-QPSK-20525-50RB#0

Date: 7.NOV.2019 14:57:44

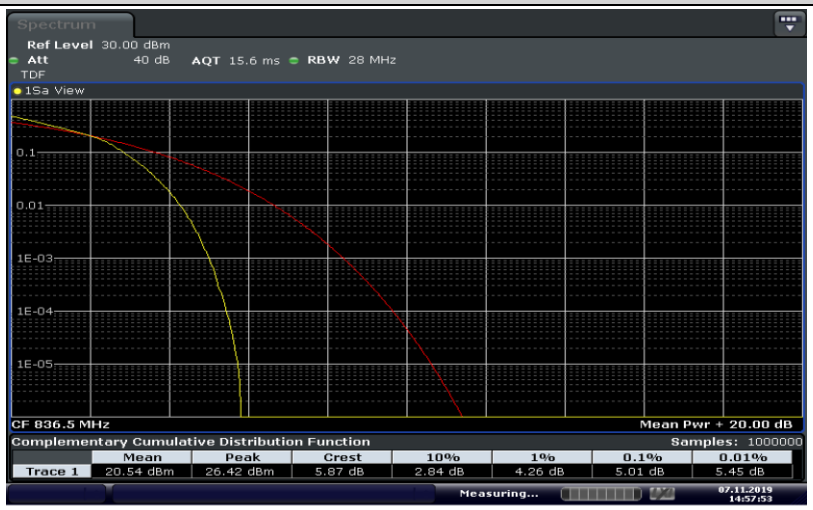
Band5-10MHz-QPSK-20600-50RB#0

Date: 7.NOV.2019 14:58:04

Band5-10MHz-16QAM-20450-50RB#0

Date: 7.NOV.2019 14:57:34

Band5-10MHz-16QAM-20525-50RB#0



Date: 7.NOV.2019 14:57:53

Band5-10MHz-16QAM-20600-50RB#0

Date: 7.NOV.2019 14:58:14

Appendix B: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.108	1.320	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.103	1.450	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.123	2.075	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.098	1.290	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.098	1.295	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.113	1.735	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.686	2.920	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.696	2.990	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.696	2.960	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.686	2.930	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.696	2.920	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.696	2.990	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.515	5.230	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.535	5.280	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.555	5.380	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.515	5.170	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.565	5.990	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.545	5.320	PASS
Band5	10MHz	QPSK	20450	50RB#0	9.018	10.367	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.052	10.433	PASS
Band5	10MHz	QPSK	20600	50RB#0	9.018	10.333	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.985	10.133	PASS
Band5	10MHz	16QAM	20525	50RB#0	9.052	10.967	PASS
Band5	10MHz	16QAM	20600	50RB#0	9.018	10.100	PASS

Test Graphs

Band5-1.4MHz-QPSK-20407-6RB#0-1.108

Date: 7.NOV.2019 14:25:35

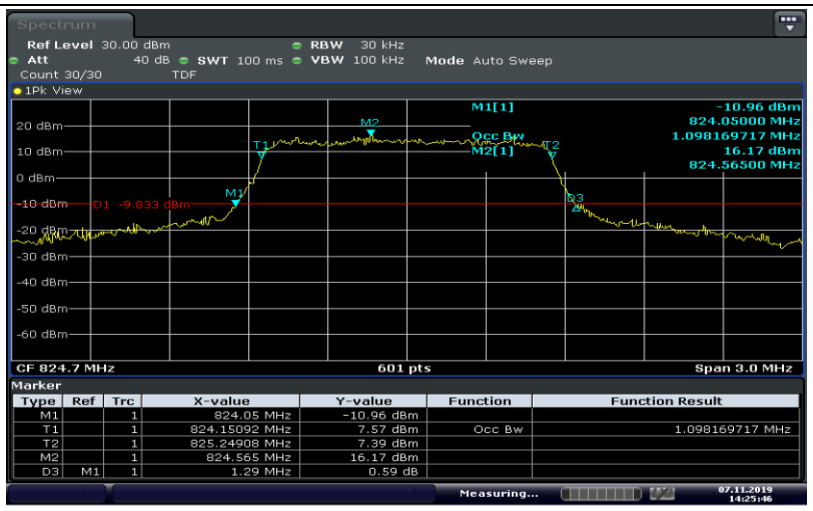
Band5-1.4MHz-QPSK-20525-6RB#0-1.103

Date: 7.NOV.2019 14:25:57

Band5-1.4MHz-QPSK-20643-6RB#0-1.123

Date: 7.NOV.2019 14:26:20

Band5-1.4MHz-16QAM-20407-6RB#0-1.098



Date: 7.NOV.2019 14:25:46

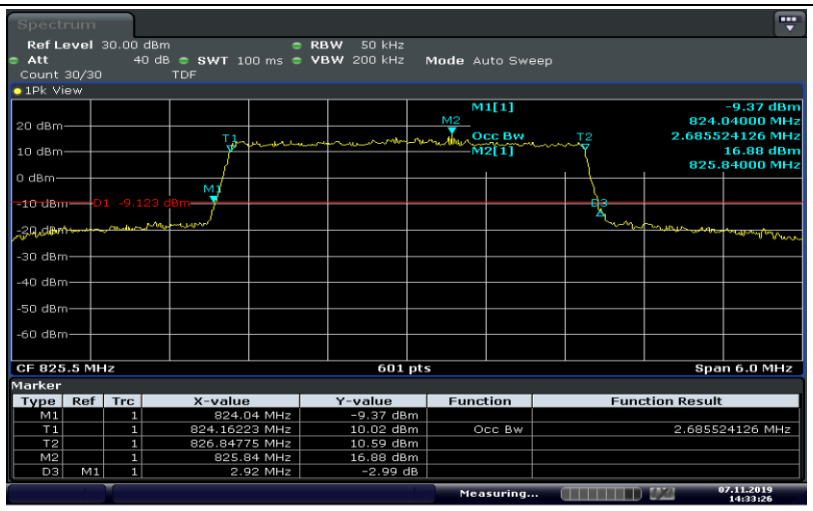
Band5-1.4MHz-16QAM-20525-6RB#0-1.098

Date: 7.NOV.2019 14:26:08

Band5-1.4MHz-16QAM-20643-6RB#0-1.113

Date: 7.NOV.2019 14:26:31

Band5-3MHz-QPSK-20415-15RB#0-2.686

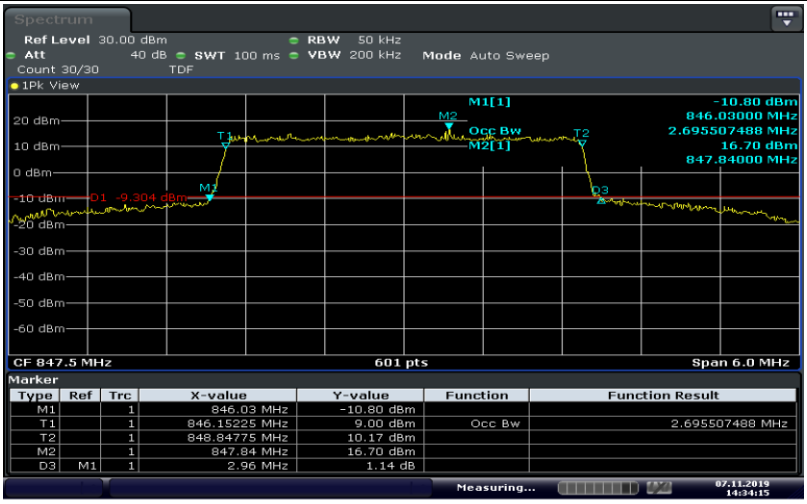


Date: 7.NOV.2019 14:33:26

Band5-3MHz-QPSK-20525-15RB#0-2.696

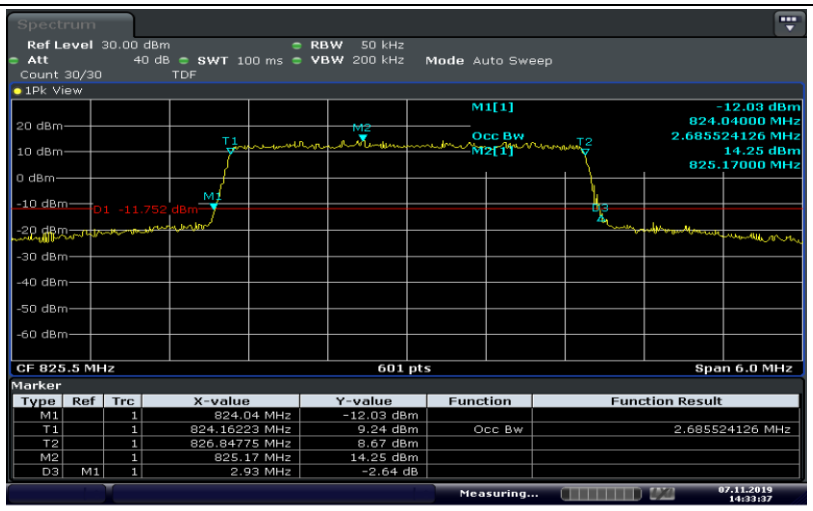
Date: 7.NOV.2019 14:33:48

Band5-3MHz-QPSK-20635-15RB#0-2.696



Date: 7.NOV.2019 14:34:16

Band5-3MHz-16QAM-20415-15RB#0-2.686

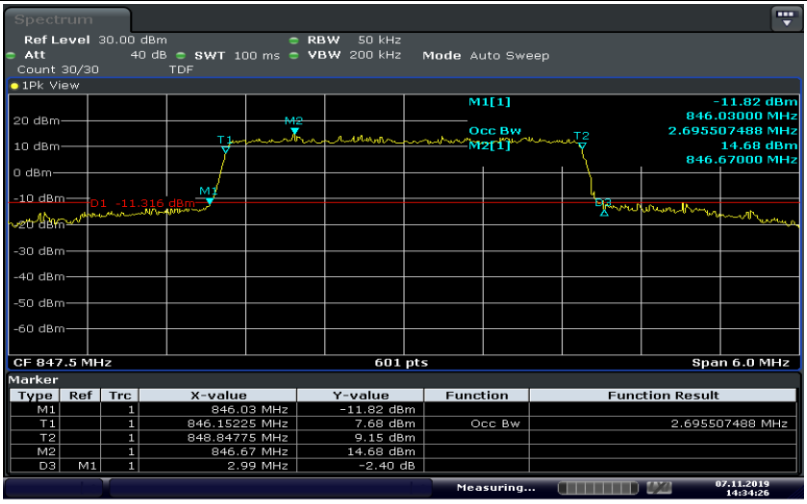


Date: 7.NOV.2019 14:33:37

Band5-3MHz-16QAM-20525-15RB#0-2.696

Date: 7.NOV.2019 14:34:01

Band5-3MHz-16QAM-20635-15RB#0-2.696



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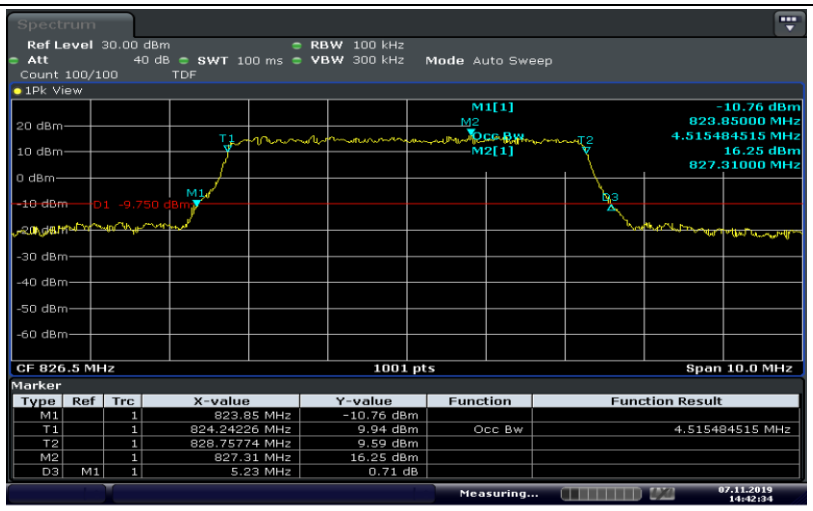
Band5-5MHz-QPSK-20425-25RB#0-4.515

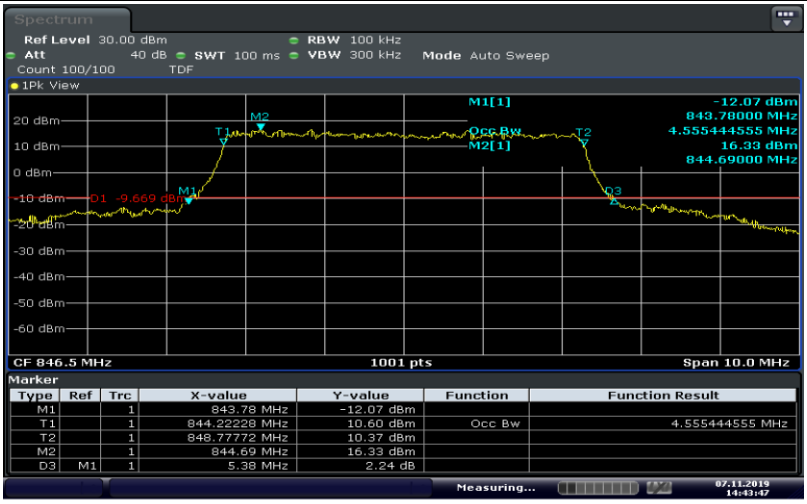


Date: 7.NOV.2019 14:42:34

Band5-5MHz-QPSK-20525-25RB#0-4.535

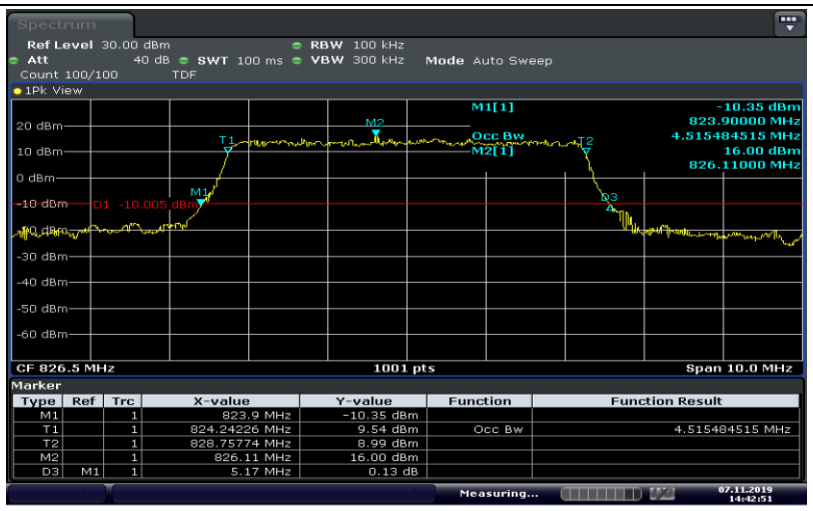
Date: 7.NOV.2019 14:43:10

Band5-5MHz-QPSK-20625-25RB#0-4.555



Date: 7.NOV.2019 14:43:47

Band5-5MHz-16QAM-20425-25RB#0-4.515



Date: 7.NOV.2019 14:42:51

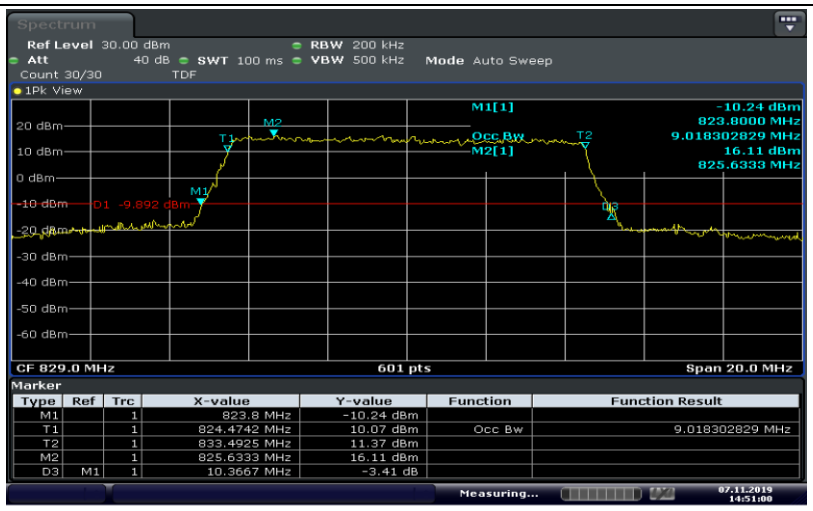
Band5-5MHz-16QAM-20525-25RB#0-4.565

Date: 7.NOV.2019 14:43:28

Band5-5MHz-16QAM-20625-25RB#0-4.545

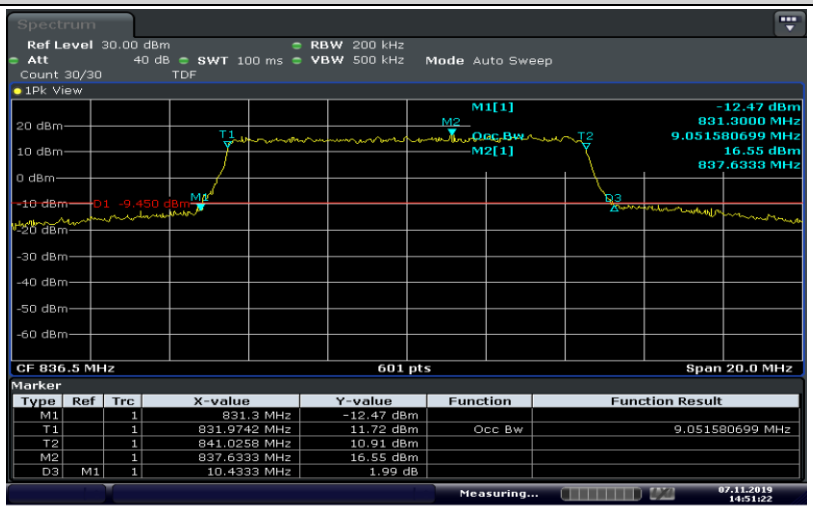
Date: 7.NOV.2019 14:44:05

Band5-10MHz-QPSK-20450-50RB#0-9.018



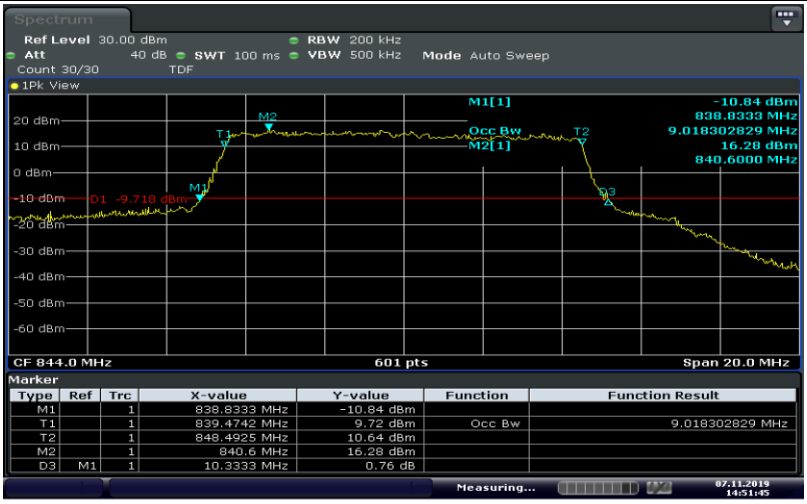
Date: 7.NOV.2019 14:51:00

Band5-10MHz-QPSK-20525-50RB#0-9.052



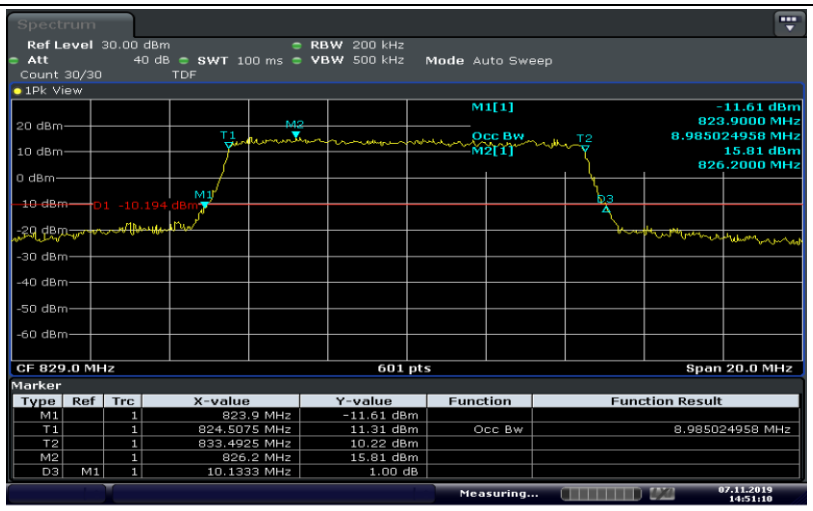
Date: 7.NOV.2019 14:51:23

Band5-10MHz-QPSK-20600-50RB#0-9.018



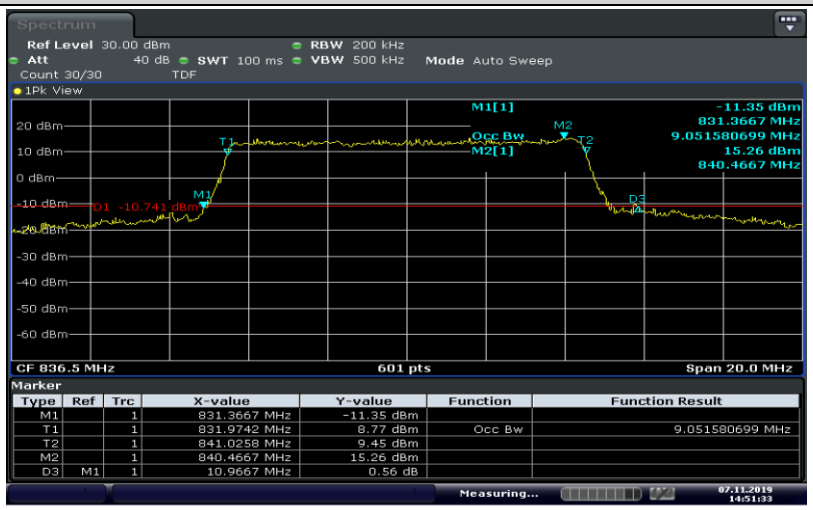
Date: 7.NOV.2019 14:51:45

Band5-10MHz-16QAM-20450-50RB#0-8.985



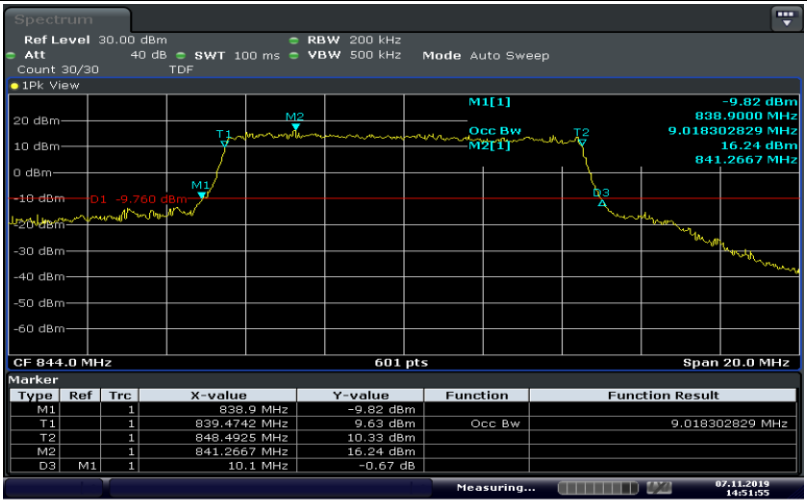
Date: 7.NOV.2019 14:51:10

Band5-10MHz-16QAM-20525-50RB#0-9.052



Date: 7.NOV.2019 14:51:33

Band5-10MHz-16QAM-20600-50RB#0-9.018



Date: 7.NOV.2019 14:51:55

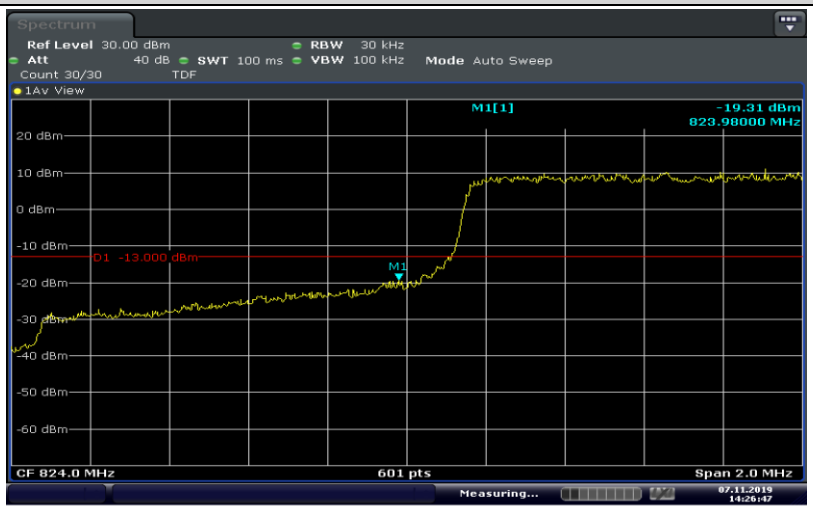
Appendix C: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	-19.31	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-13.35	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-23.26	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-15.90	PASS
Band5	3MHz	16QAM	20415	15RB#0	-24.07	PASS
Band5	3MHz	16QAM	20635	15RB#0	-17.33	PASS
Band5	3MHz	QPSK	20415	15RB#0	-27.00	PASS
Band5	3MHz	QPSK	20635	15RB#0	-19.50	PASS
Band5	5MHz	QPSK	20425	25RB#0	-22.96	PASS
Band5	5MHz	16QAM	20625	25RB#0	-20.59	PASS
Band5	5MHz	16QAM	20425	25RB#0	-24.19	PASS
Band5	5MHz	16QAM	20625	25RB#0	-22.46	PASS
Band5	10MHz	QPSK	20450	50RB#0	-26.48	PASS
Band5	10MHz	QPSK	20600	50RB#0	-23.42	PASS
Band5	10MHz	QPSK	20450	50RB#0	-28.78	PASS
Band5	10MHz	16QAM	20600	50RB#0	-26.31	PASS

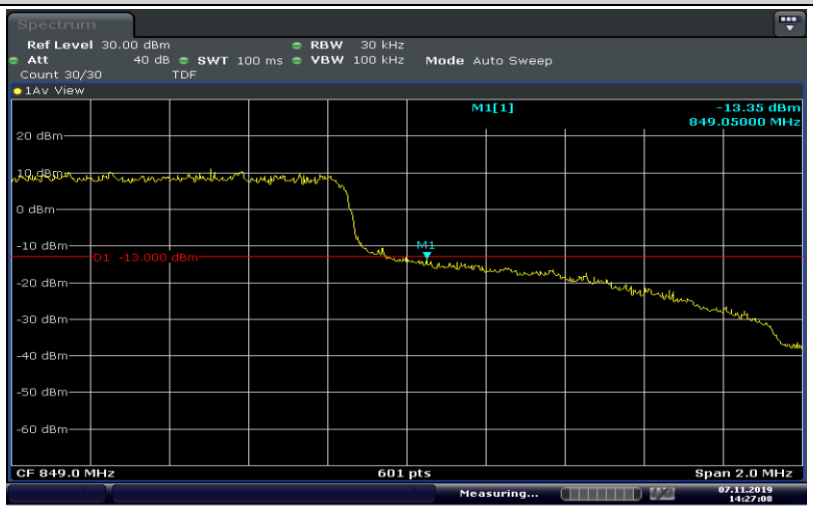
Test Graphs

Band5-1.4MHz-QPSK-20407-6RB#0



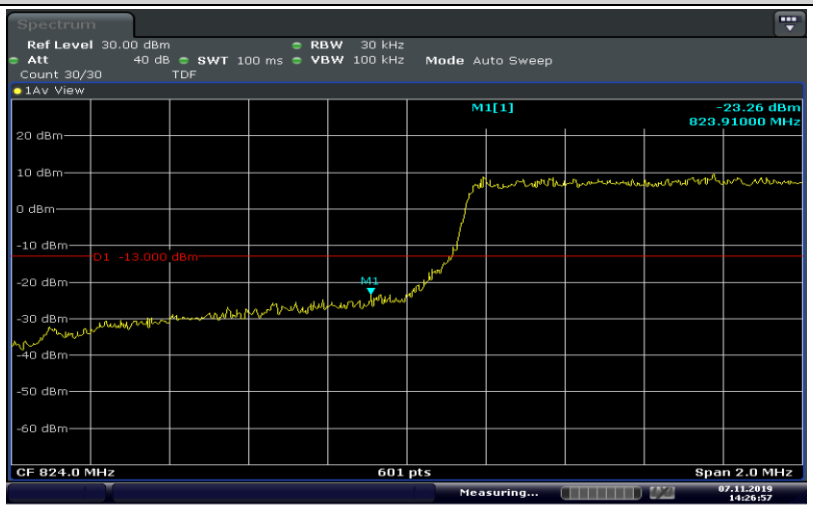
Date: 7.NOV.2019 14:26:47

Band5-1.4MHz-QPSK-20643-6RB#0



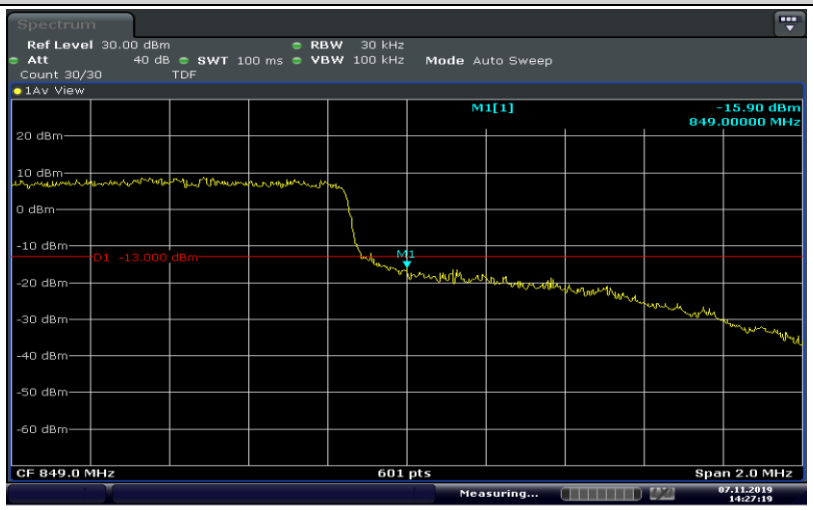
Date: 7.NOV.2019 14:27:08

Band5-1.4MHz-16QAM-20407-6RB#0



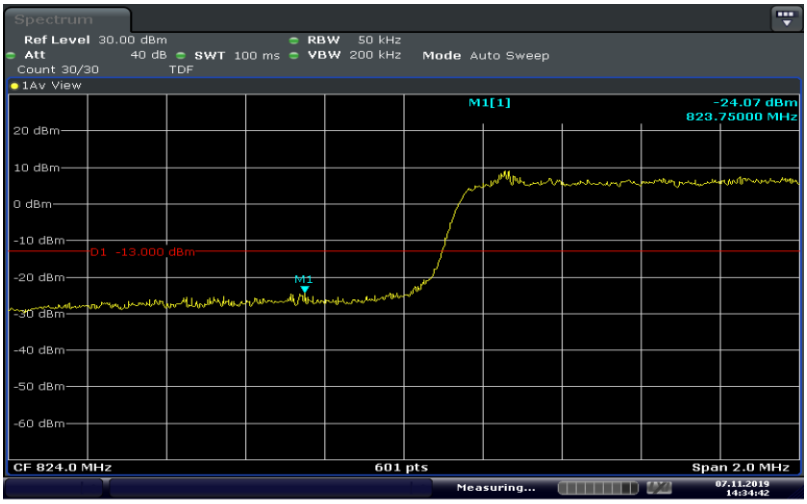
Date: 7.NOV.2019 14:26:57

Band5-1.4MHz-16QAM-20643-6RB#0



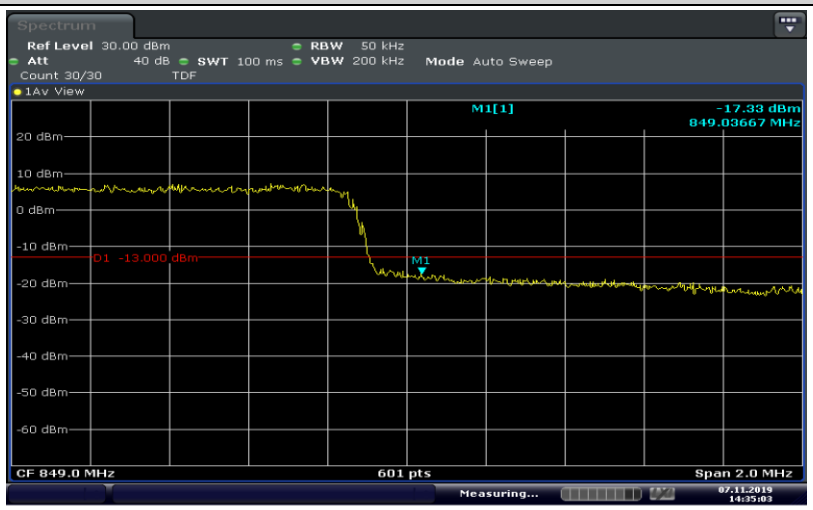
Date: 7.NOV.2019 14:27:19

Band5-3MHz-QPSK-20415-15RB#0



Date: 7.NOV.2019 14:34:42

Band5-3MHz-QPSK-20635-15RB#0



Date: 7.NOV.2019 14:35:04

Band5-3MHz-16QAM-20415-15RB#0