

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

Test Result

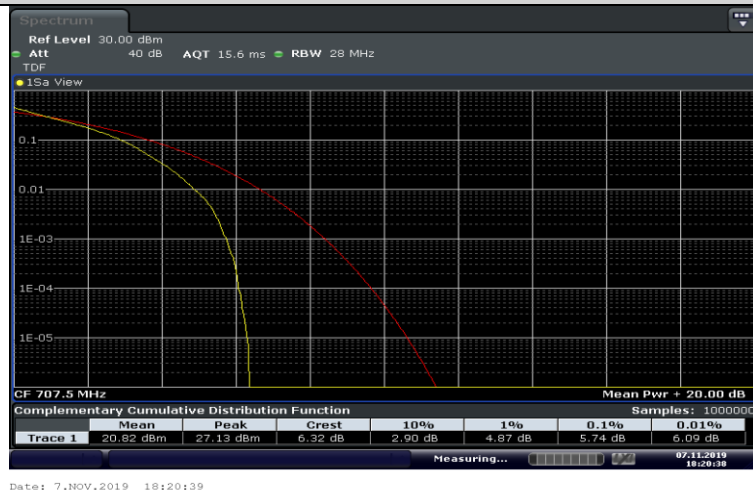
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	5.68	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.74	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.62	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.70	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.67	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	6.49	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.80	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.80	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.80	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.72	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.70	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.72	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.91	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.83	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.77	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.75	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.64	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.67	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.83	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.83	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.68	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.72	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.67	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.58	13	PASS

Test Graphs

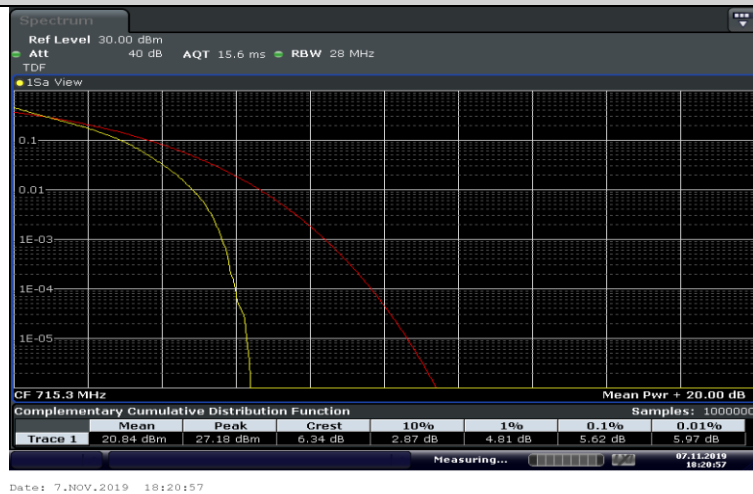
Band12-1.4MHz-QPSK-23017-6RB#0



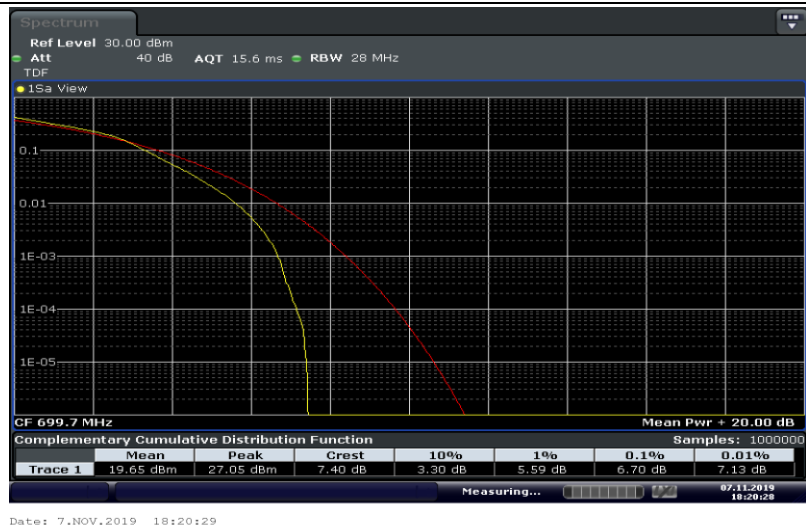
Band12-1.4MHz-QPSK-23095-6RB#0



Band12-1.4MHz-QPSK-23173-6RB#0

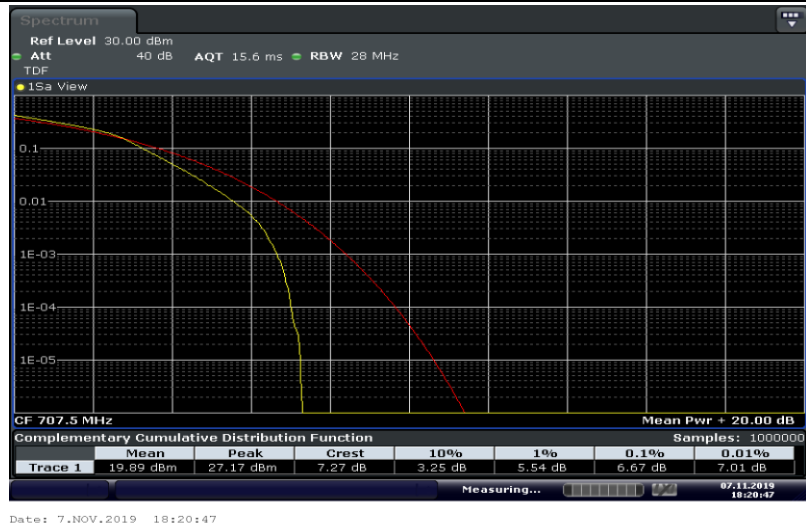


Band12-1.4MHz-16QAM-23017-6RB#0



Date: 7.NOV.2019 18:20:29

Band12-1.4MHz-16QAM-23095-6RB#0



Date: 7.NOV.2019 18:20:47

Band12-1.4MHz-16QAM-23173-6RB#0



Date: 7.NOV.2019 18:21:06

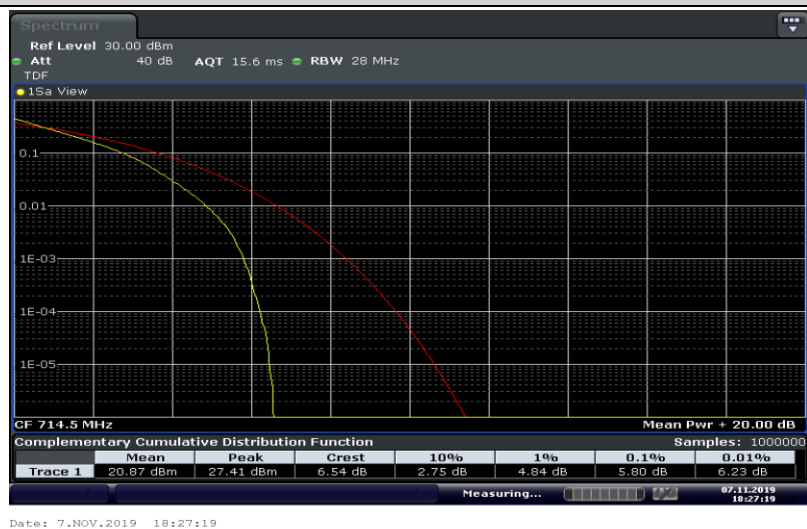
Band12-3MHz-QPSK-23025-15RB#0



Band12-3MHz-QPSK-23095-15RB#0



Band12-3MHz-QPSK-23165-15RB#0



Band12-3MHz-16QAM-23025-15RB#0



Date: 7.NOV.2019 18:26:49

Band12-3MHz-16QAM-23095-15RB#0



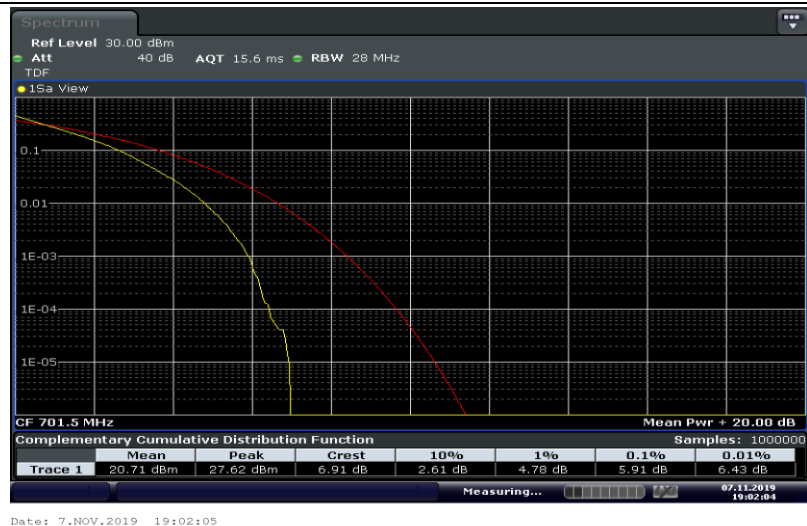
Date: 7.NOV.2019 18:27:09

Band12-3MHz-16QAM-23165-15RB#0



Date: 7.NOV.2019 18:27:28

Band12-5MHz-QPSK-23035-25RB#0



Date: 7.NOV.2019 19:02:05

Band12-5MHz-QPSK-23095-25RB#0



Date: 7.NOV.2019 19:02:25

Band12-5MHz-QPSK-23155-25RB#0



Date: 7.NOV.2019 19:02:44

Band12-5MHz-16QAM-23035-25RB#0



Date: 7.NOV.2019 19:02:15

Band12-5MHz-16QAM-23095-25RB#0



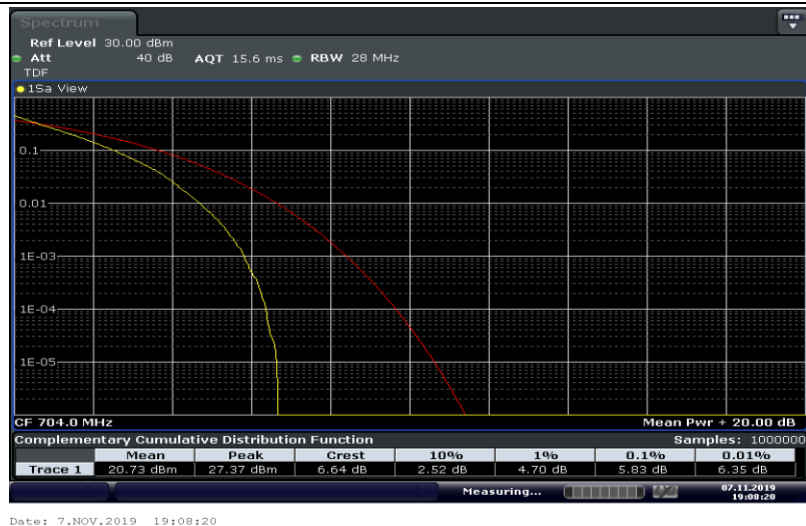
Date: 7.NOV.2019 19:02:34

Band12-5MHz-16QAM-23155-25RB#0



Date: 7.NOV.2019 19:02:53

Band12-10MHz-QPSK-23060-50RB#0



Date: 7.NOV.2019 19:08:20

Band12-10MHz-QPSK-23095-50RB#0



Date: 7.NOV.2019 19:08:39

Band12-10MHz-QPSK-23130-50RB#0



Date: 7.NOV.2019 19:08:58

Band12-10MHz-16QAM-23060-50RB#0



Date: 7.NOV.2019 19:08:29

Band12-10MHz-16QAM-23095-50RB#0



Date: 7.NOV.2019 19:08:48

Band12-10MHz-16QAM-23130-50RB#0



Date: 7.NOV.2019 19:09:07

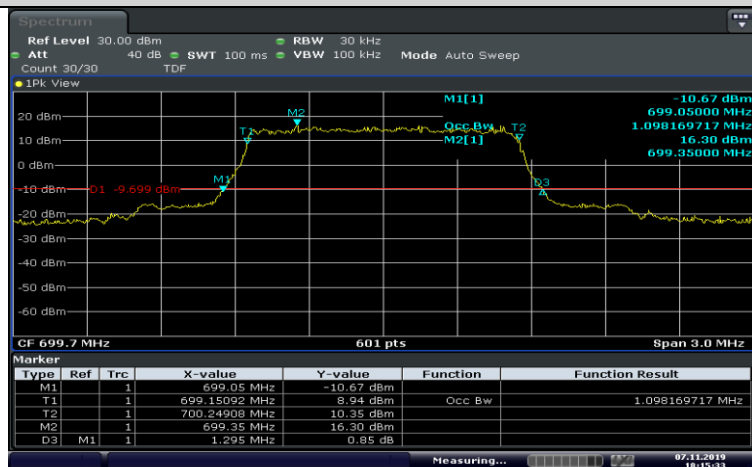
Appendix B: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.098	1.295	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.093	1.315	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.103	1.295	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.098	1.300	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.103	1.325	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.098	1.310	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.686	2.900	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.696	2.920	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.696	2.940	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.686	2.920	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.696	2.920	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.686	2.930	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.535	5.280	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.515	5.250	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.515	5.230	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.515	5.130	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.555	5.290	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.535	5.300	PASS
Band12	10MHz	QPSK	23060	50RB#0	9.018	10.167	PASS
Band12	10MHz	QPSK	23095	50RB#0	9.018	10.200	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.952	10.100	PASS
Band12	10MHz	16QAM	23060	50RB#0	9.018	10.233	PASS
Band12	10MHz	16QAM	23095	50RB#0	9.018	10.100	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.952	10.100	PASS

Test Graphs

Band12-1.4MHz-QPSK-23017-6RB#0-1.098



Date: 7.NOV.2019 18:15:33

Band12-1.4MHz-QPSK-23095-6RB#0-1.093



Date: 7.NOV.2019 18:15:54

Band12-1.4MHz-QPSK-23173-6RB#0-1.103



Date: 7.NOV.2019 18:16:17

Band12-1.4MHz-16QAM-23017-6RB#0-1.098

2AU3C-B1



Date: 7.NOV.2019 18:15:43

Band12-1.4MHz-16QAM-23095-6RB#0-1.103



Date: 7.NOV.2019 18:16:04

Band12-1.4MHz-16QAM-23173-6RB#0-1.098



Date: 7.NOV.2019 18:16:27

Band12-3MHz-QPSK-23025-15RB#0-2.686

2AU3C-B1



Date: 7.NOV.2019 18:21:52

Band12-3MHz-QPSK-23095-15RB#0-2.696



Date: 7.NOV.2019 18:22:14

Band12-3MHz-QPSK-23165-15RB#0-2.696



Date: 7.NOV.2019 18:22:36

Band12-3MHz-16QAM-23025-15RB#0-2.686

2AU3C-B1



Date: 7.NOV.2019 18:22:03

Band12-3MHz-16QAM-23095-15RB#0-2.696



Date: 7.NOV.2019 18:22:24

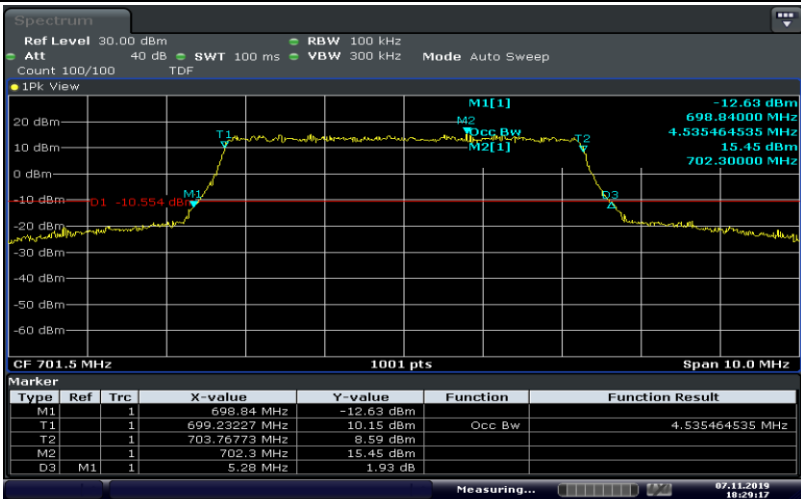
Band12-3MHz-16QAM-23165-15RB#0-2.686



Date: 7.NOV.2019 18:22:46

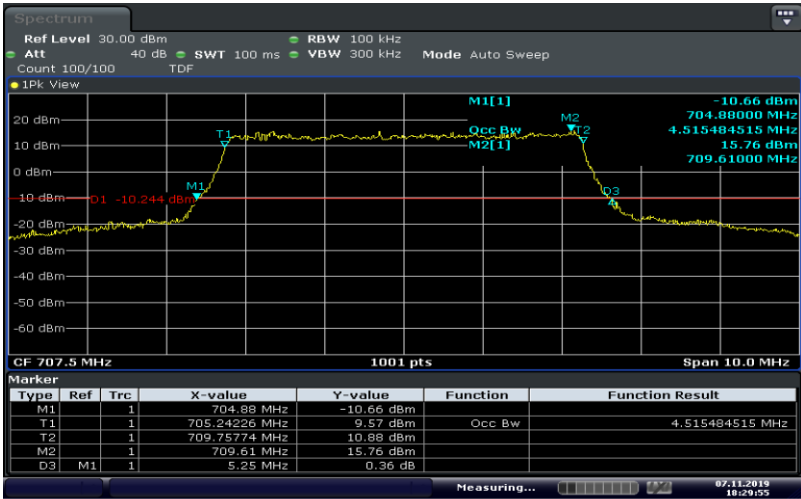
Band12-5MHz-QPSK-23035-25RB#0-4.535

2AU3C-B1



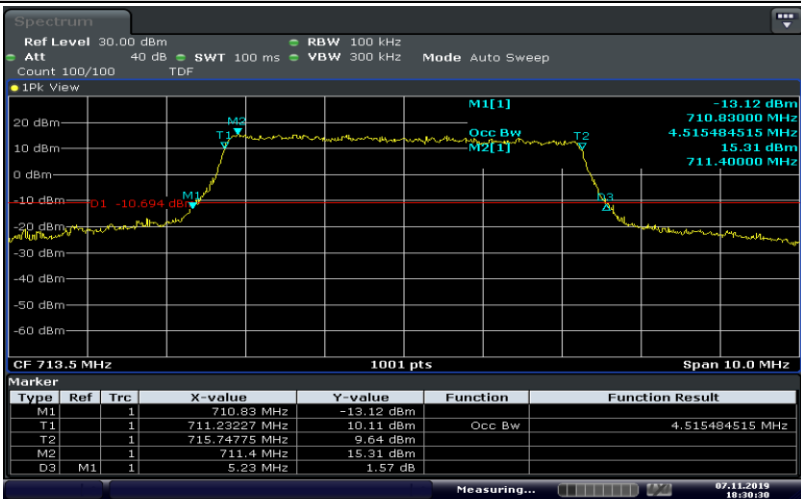
Date: 7.NOV.2019 18:29:17

Band12-5MHz-QPSK-23095-25RB#0-4.515



Date: 7.NOV.2019 18:29:55

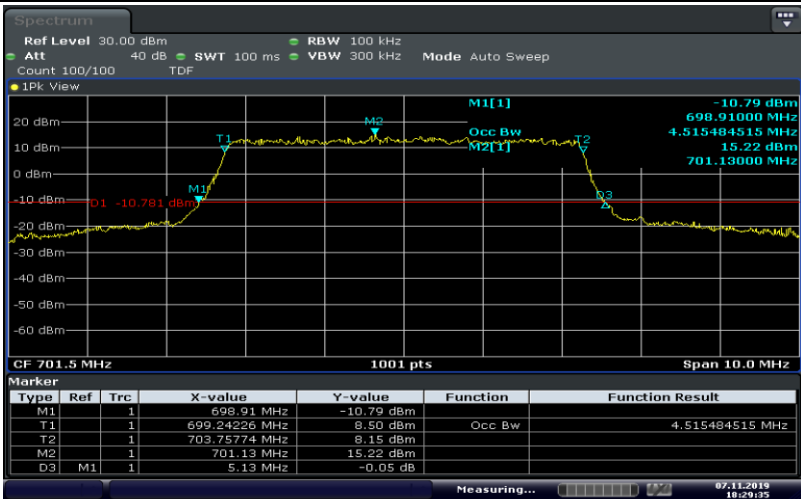
Band12-5MHz-QPSK-23155-25RB#0-4.515



Date: 7.NOV.2019 18:30:31

Band12-5MHz-16QAM-23035-25RB#0-4.515

2AU3C-B1



Date: 7.NOV.2019 18:29:35

Band12-5MHz-16QAM-23095-25RB#0-4.555



Date: 7.NOV.2019 18:30:12

Band12-5MHz-16QAM-23155-25RB#0-4.535



Date: 7.NOV.2019 18:30:48

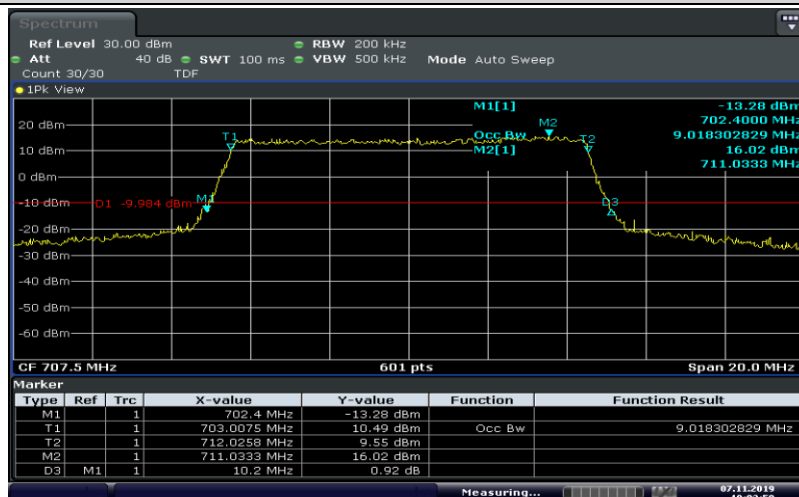
Band12-10MHz-QPSK-23060-50RB#0-9.018

2AU3C-B1



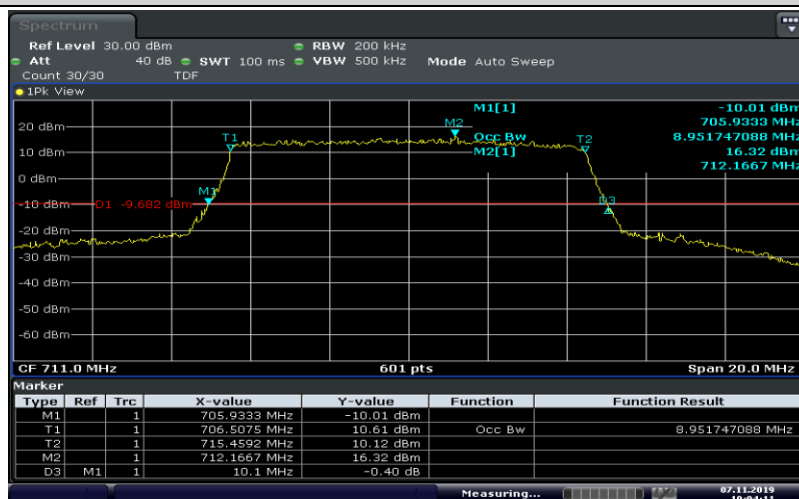
Date: 7.NOV.2019 19:03:28

Band12-10MHz-QPSK-23095-50RB#0-9.018



Date: 7.NOV.2019 19:03:50

Band12-10MHz-QPSK-23130-50RB#0-8.952



Date: 7.NOV.2019 19:04:12

Band12-10MHz-16QAM-23060-50RB#0-9.018



Date: 7.NOV.2019 19:03:38

Band12-10MHz-16QAM-23095-50RB#0-9.018



Date: 7.NOV.2019 19:04:00

Band12-10MHz-16QAM-23130-50RB#0-8.952



Date: 7.NOV.2019 19:04:22

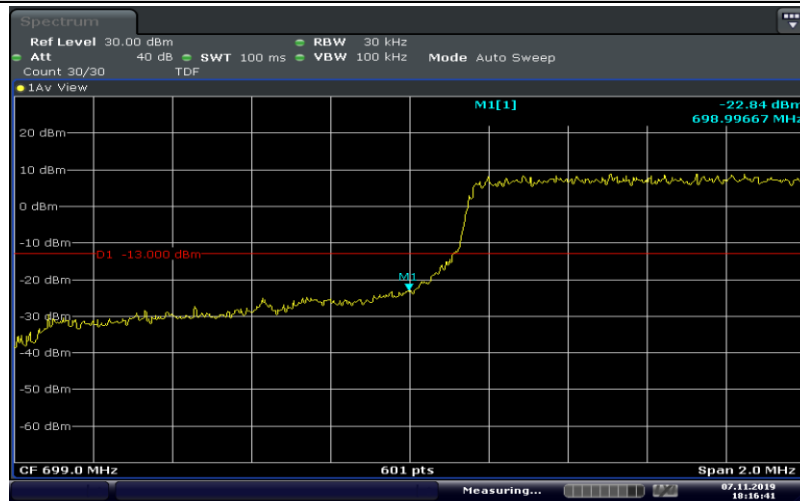
Appendix C: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	-22.84	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-24.04	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-23.57	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-23.68	PASS
Band12	3MHz	QPSK	23025	15RB#0	-24.95	PASS
Band12	3MHz	QPSK	23165	15RB#0	-25.46	PASS
Band12	3MHz	16QAM	23025	15RB#0	-25.73	PASS
Band12	3MHz	16QAM	23165	15RB#0	-24.72	PASS
Band12	5MHz	QPSK	23035	25RB#0	-22.75	PASS
Band12	5MHz	QPSK	23155	25RB#0	-24.66	PASS
Band12	5MHz	16QAM	23035	25RB#0	-24.06	PASS
Band12	5MHz	16QAM	23155	25RB#0	-23.62	PASS
Band12	10MHz	QPSK	23060	50RB#0	-26.96	PASS
Band12	10MHz	QPSK	23130	50RB#0	-27.62	PASS
Band12	10MHz	16QAM	23060	50RB#0	-26.74	PASS
Band12	10MHz	16QAM	23130	50RB#0	-27.84	PASS

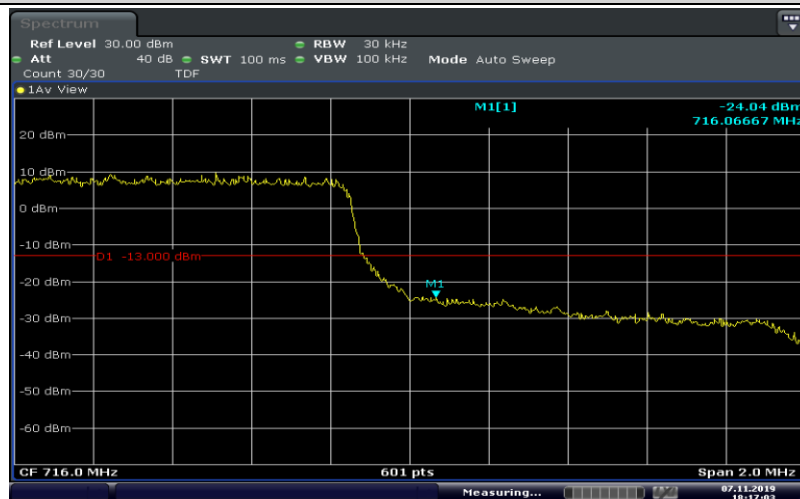
Test Graphs

Band12-1.4MHz-QPSK-23017-6RB#0



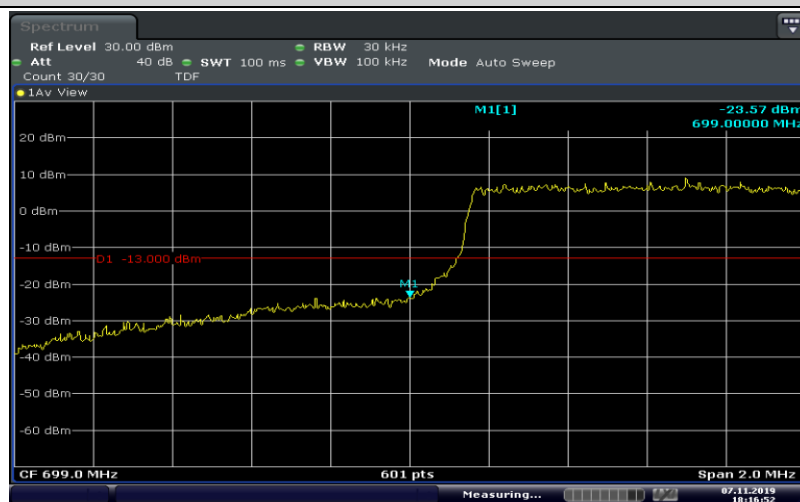
Date: 7.NOV.2019 18:16:41

Band12-1.4MHz-QPSK-23173-6RB#0



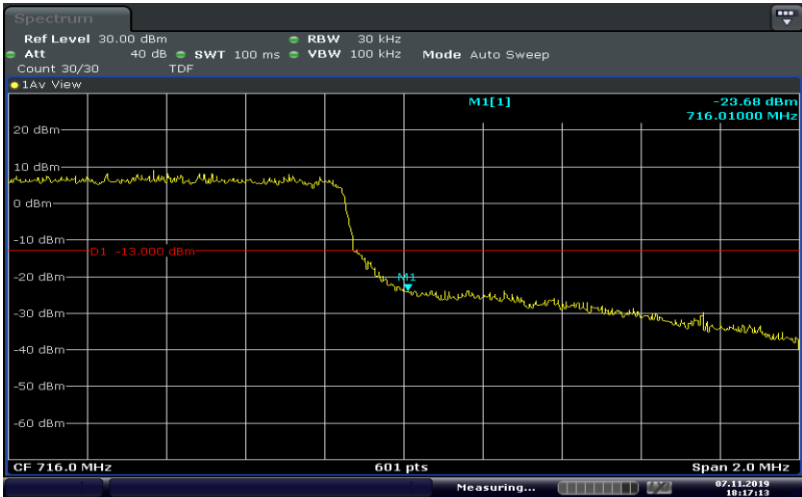
Date: 7.NOV.2019 18:17:03

Band12-1.4MHz-16QAM-23017-6RB#0



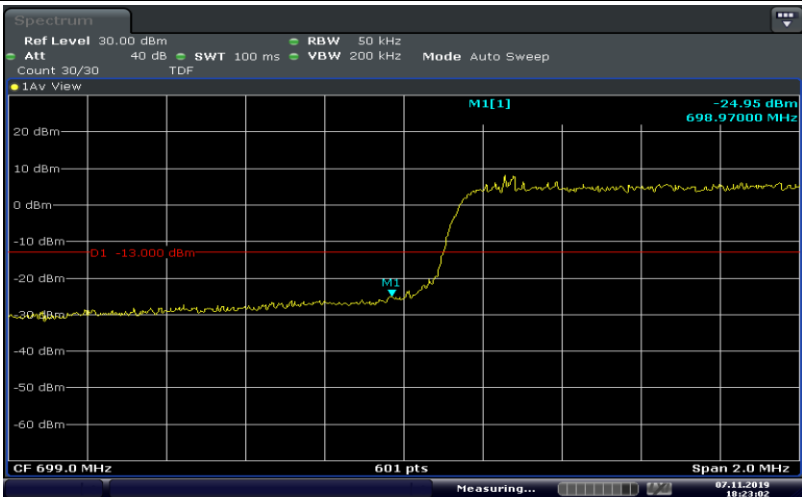
Date: 7.NOV.2019 18:16:52

Band12-1.4MHz-16QAM-23173-6RB#0



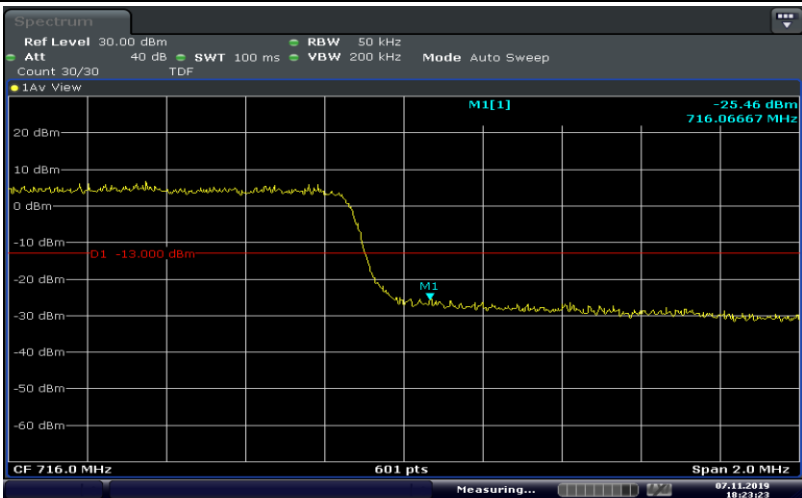
Date: 7.NOV.2019 18:17:13

Band12-3MHz-QPSK-23025-15RB#0



Date: 7.NOV.2019 18:23:02

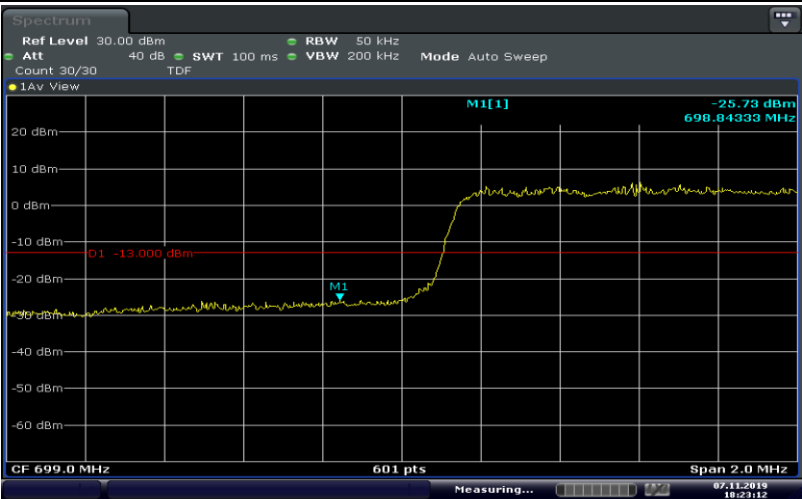
Band12-3MHz-QPSK-23165-15RB#0



Date: 7.NOV.2019 18:23:23

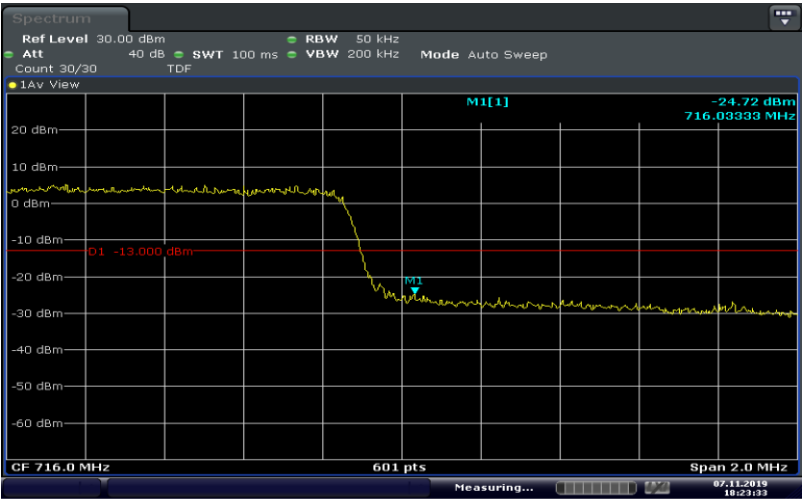
Band12-3MHz-16QAM-23025-15RB#0

2AU3C-B1



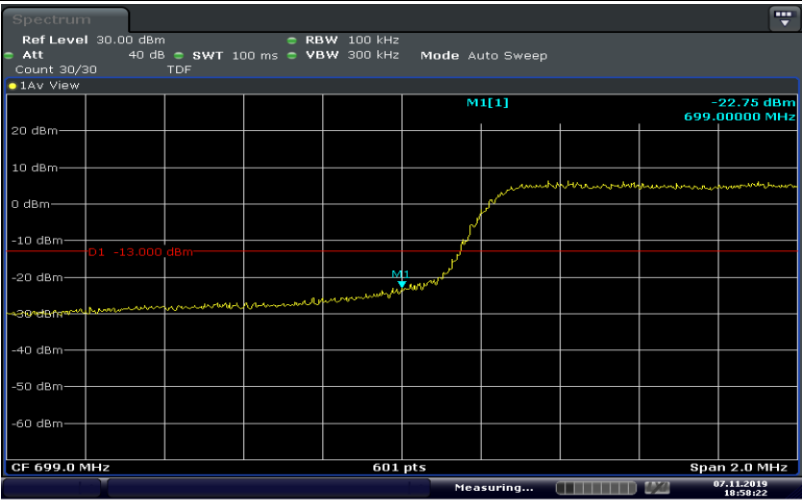
Date: 7.NOV.2019 18:23:12

Band12-3MHz-16QAM-23165-15RB#0



Date: 7.NOV.2019 18:23:33

Band12-5MHz-QPSK-23035-25RB#0



Date: 7.NOV.2019 18:58:22

Band12-5MHz-QPSK-23155-25RB#0