

Appendix for Band 13

FCC ID: 2AC88-ELTP18A04

IC: 24230-ELTP18A04

Model: ELTP18A04

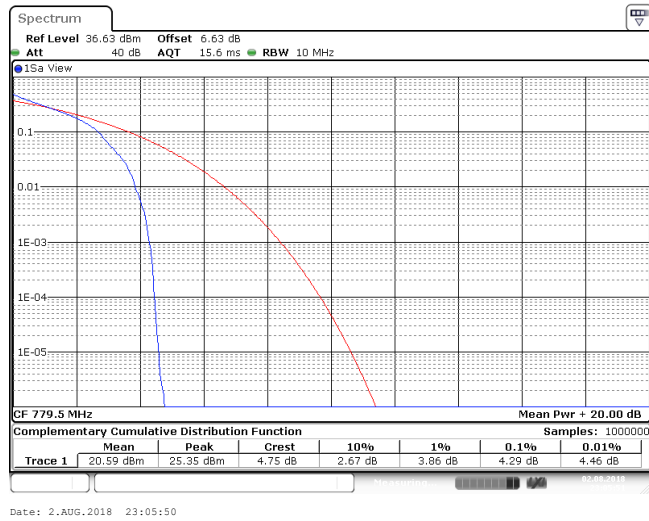
Appendix A: Peak-to-Average Ratio(CCDF)

Test Result

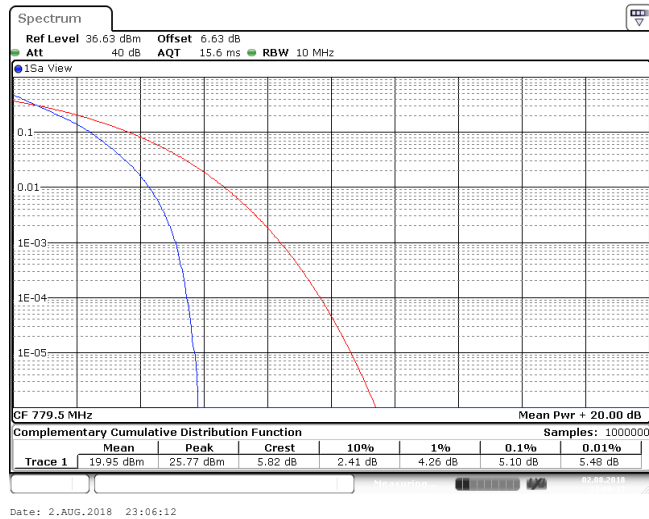
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	4.29	13	PASS
Band13	5MHz	QPSK	23205	25RB#0	5.10	13	PASS
Band13	5MHz	QPSK	23230	1RB#0	4.52	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	5.13	13	PASS
Band13	5MHz	QPSK	23255	1RB#0	4.64	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	5.28	13	PASS
Band13	5MHz	16QAM	23205	1RB#0	5.25	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	5.74	13	PASS
Band13	5MHz	16QAM	23230	1RB#0	5.39	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	5.88	13	PASS
Band13	5MHz	16QAM	23255	1RB#0	5.51	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	5.91	13	PASS
Band13	10MHz	QPSK	23230	1RB#0	4.17	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.04	13	PASS
Band13	10MHz	16QAM	23230	1RB#0	4.58	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	5.97	13	PASS

Test Graphs

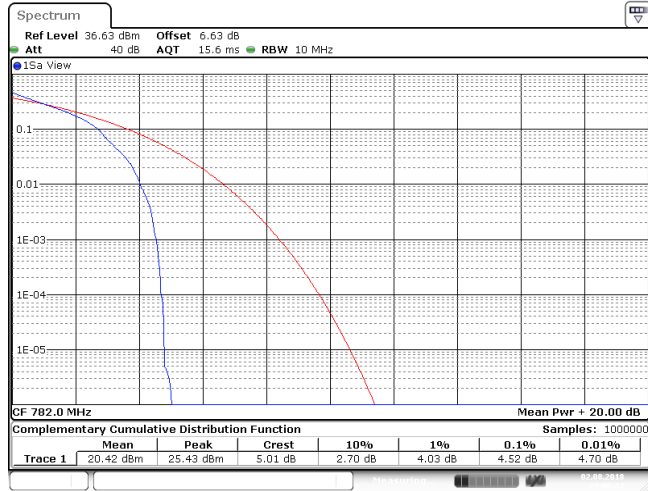
Band13_5MHz_QPSK_23205_1RB#0



Band13_5MHz_QPSK_23205_25RB#0

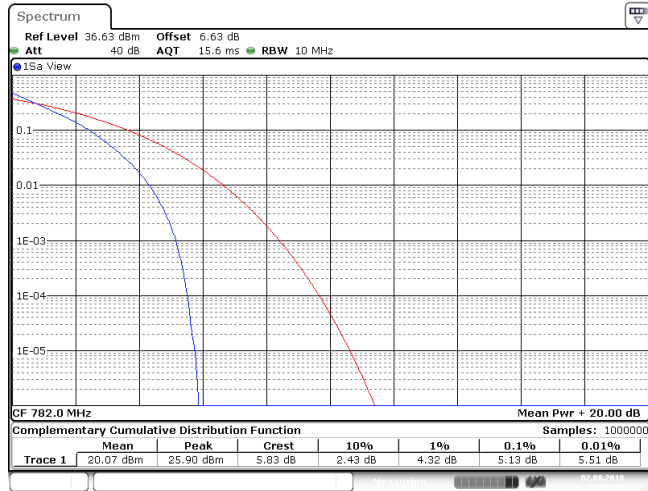


Band13_5MHz_QPSK_23230_1RB#0



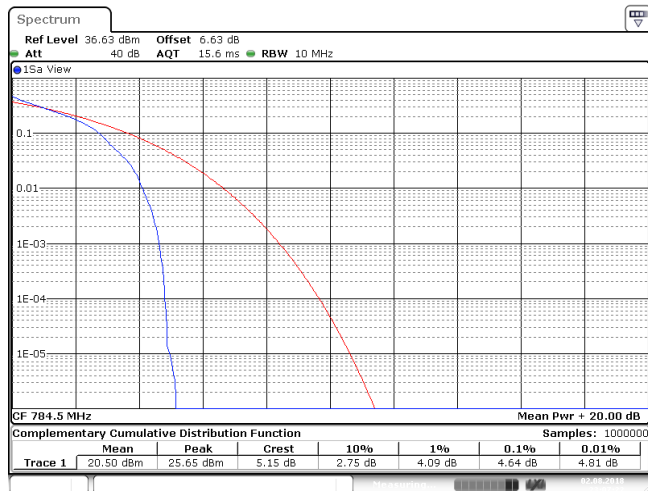
Date: 2.AUG.2018 23:06:36

Band13_5MHz_QPSK_23230_25RB#0



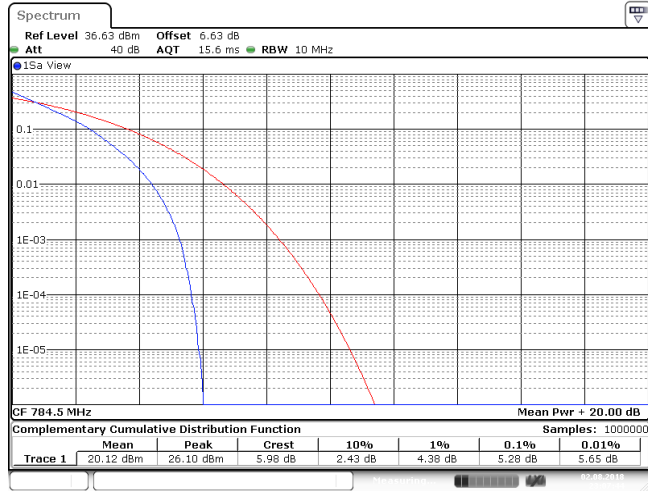
Date: 2.AUG.2018 23:06:58

Band13_5MHz_QPSK_23255_1RB#0



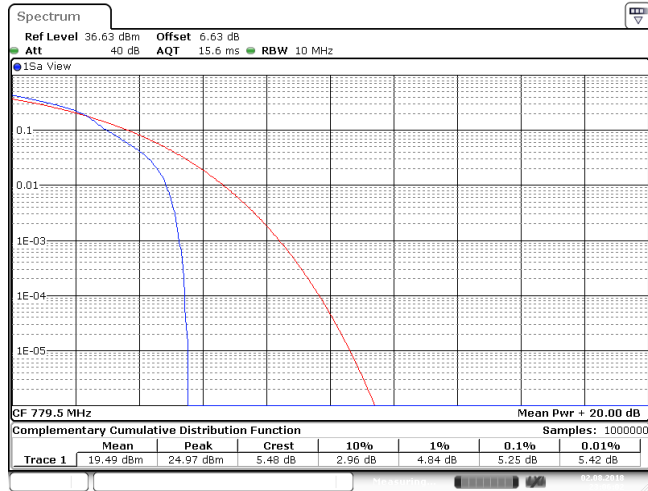
Date: 2.AUG.2018 23:07:22

Band13_5MHz_QPSK_23255_25RB#0



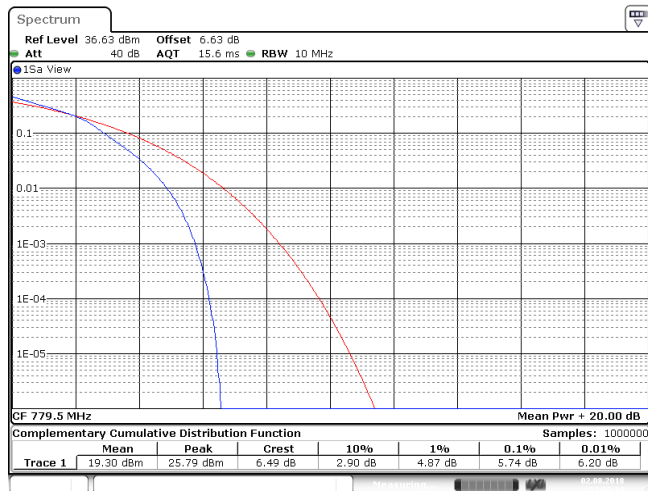
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Band13_5MHz_16QAM_23205_1RB#0



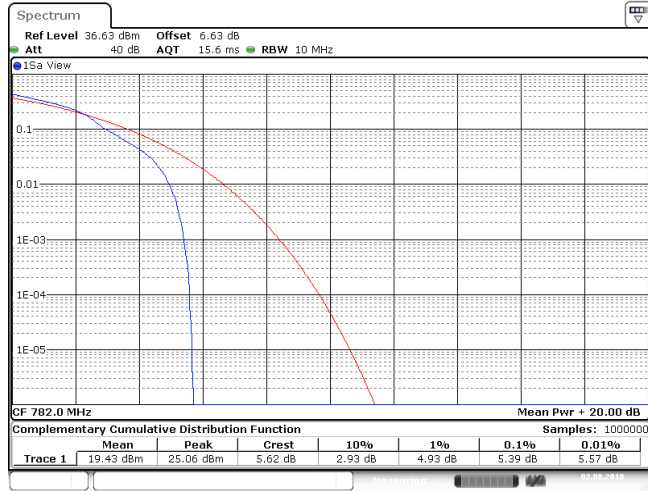
Date: 2.AUG.2018 23:06:01

Band13_5MHz_16QAM_23205_25RB#0



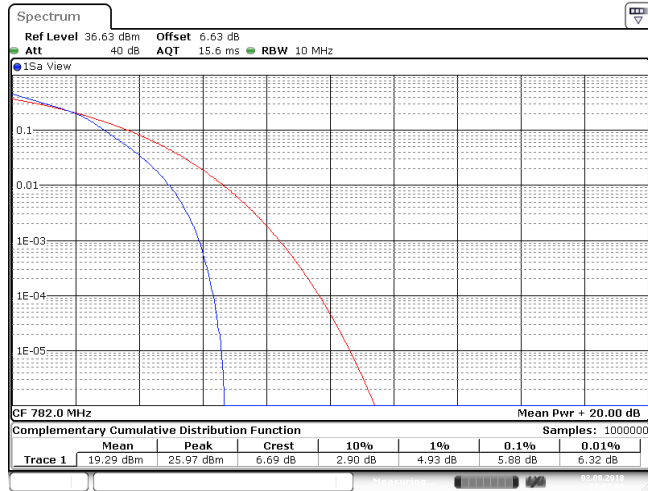
Date: 2.AUG.2018 23:06:23

Band13_5MHz_16QAM_23230_1RB#0



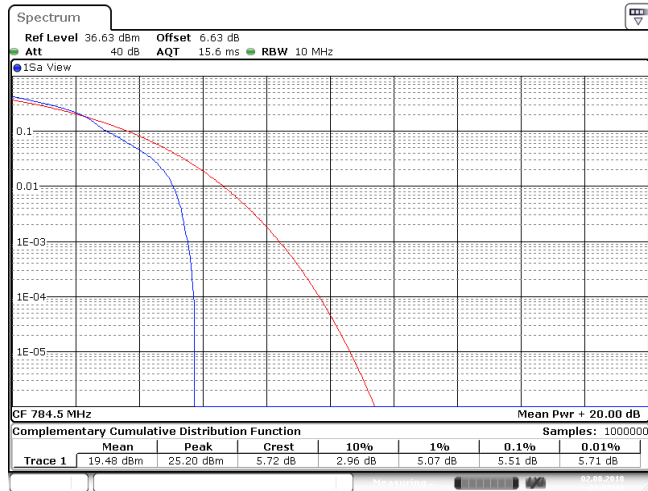
Date: 2.AUG.2018 23:06:47

Band13_5MHz_16QAM_23230_25RB#0



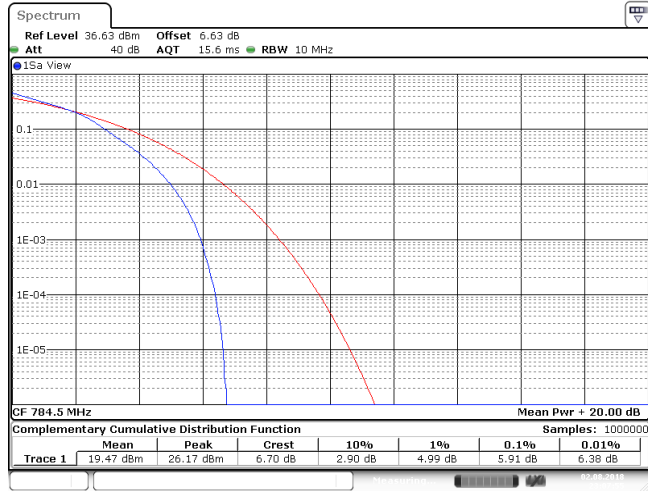
Date: 2.AUG.2018 23:07:09

Band13_5MHz_16QAM_23255_1RB#0



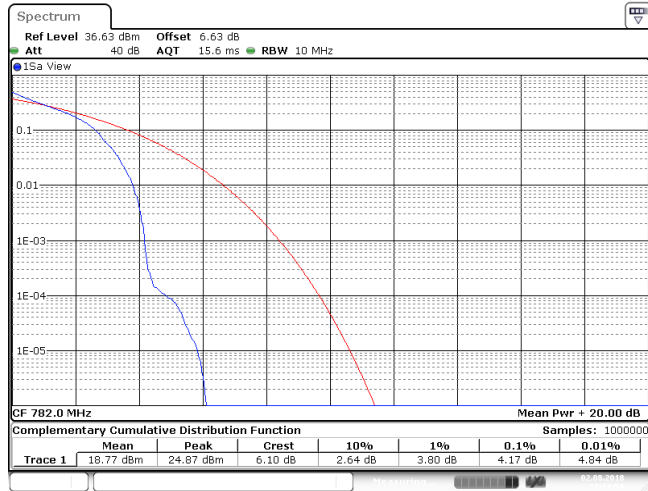
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Band13_5MHz_16QAM_23255_25RB#0



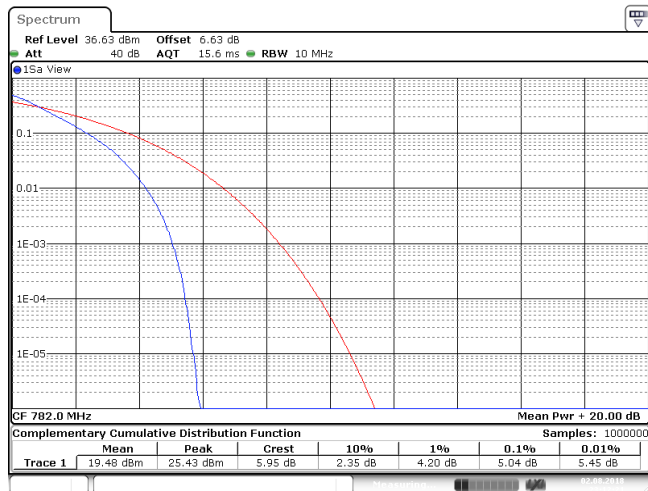
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Band13_10MHz_QPSK_23230_1RB#0



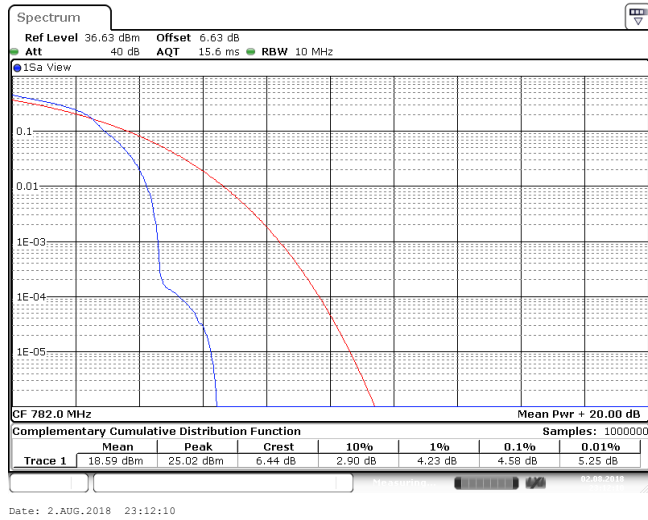
Date: 2.AUG.2018 23:11:59

Band13_10MHz_QPSK_23230_50RB#0

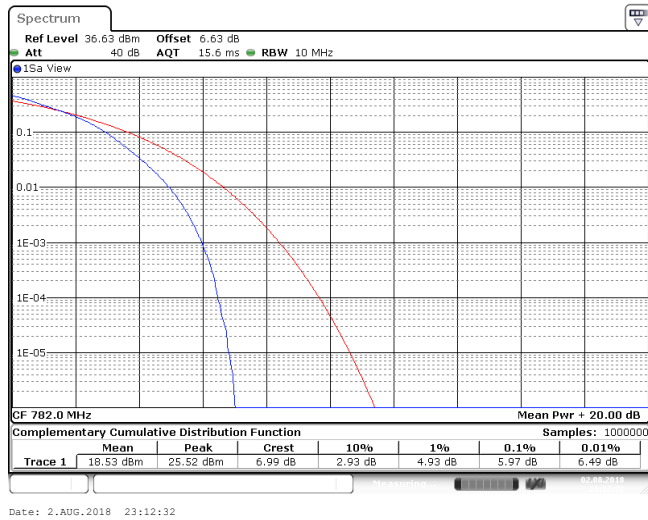


Date: 2.AUG.2018 23:12:21

Band13_10MHz_16QAM_23230_1RB#0



Band13_10MHz_16QAM_23230_50RB#0



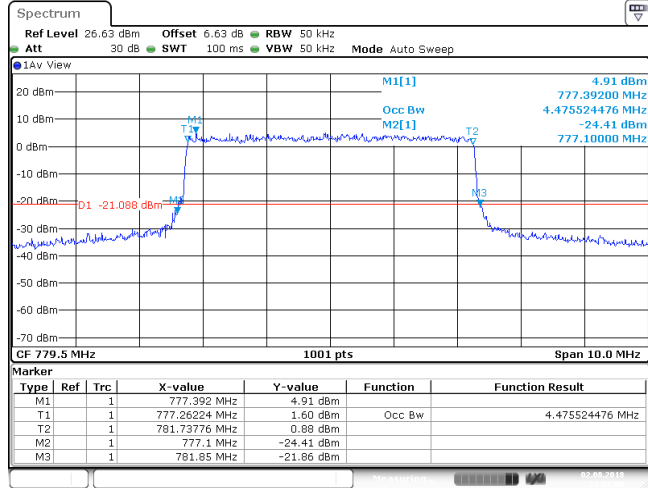
Appendix B: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.476	4.750	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.476	4.730	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.476	4.760	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.466	4.700	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.476	4.700	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.476	4.710	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.918	9.233	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.918	9.267	PASS

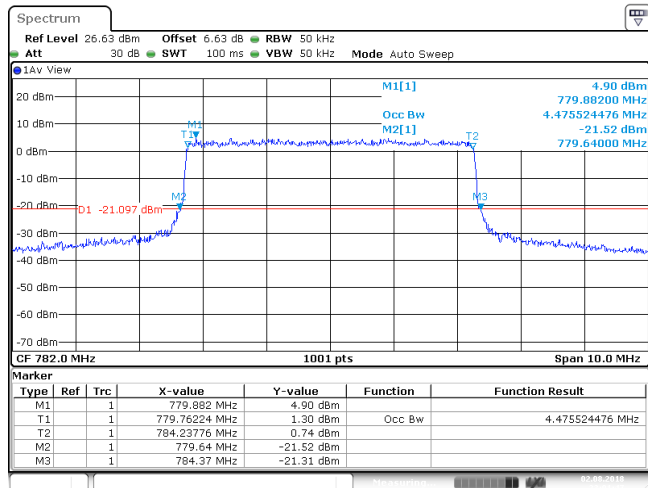
Test Graphs

Band13_5MHz_QPSK_23205_25RB#0



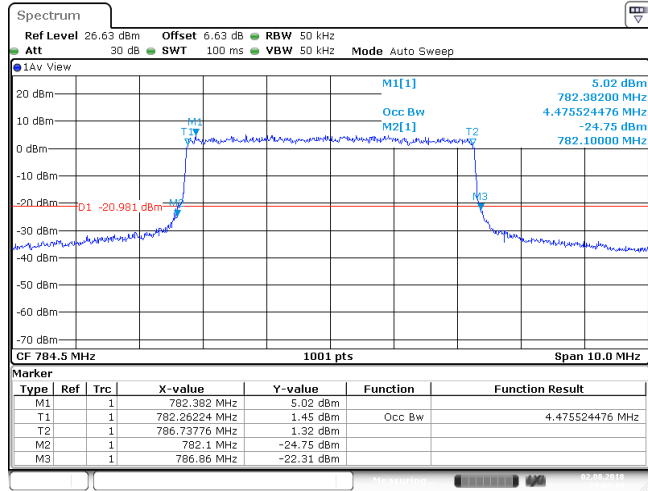
Date: 2.AUG.2018 23:01:00

Band13_5MHz_QPSK_23230_25RB#0

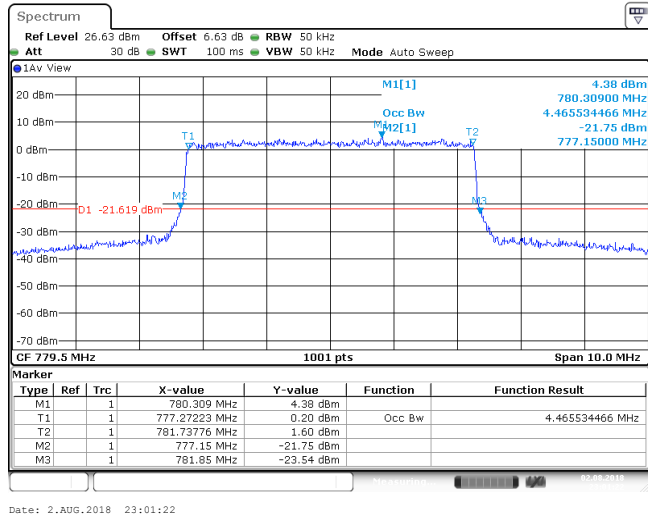


Date: 2.AUG.2018 23:01:47

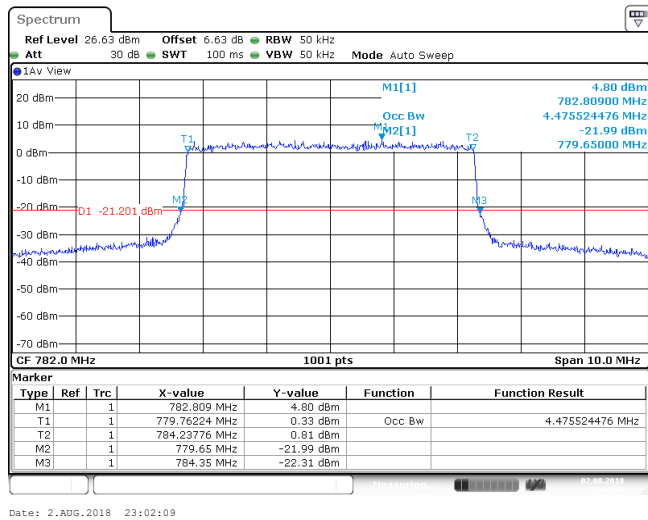
Band13_5MHz_QPSK_23255_25RB#0



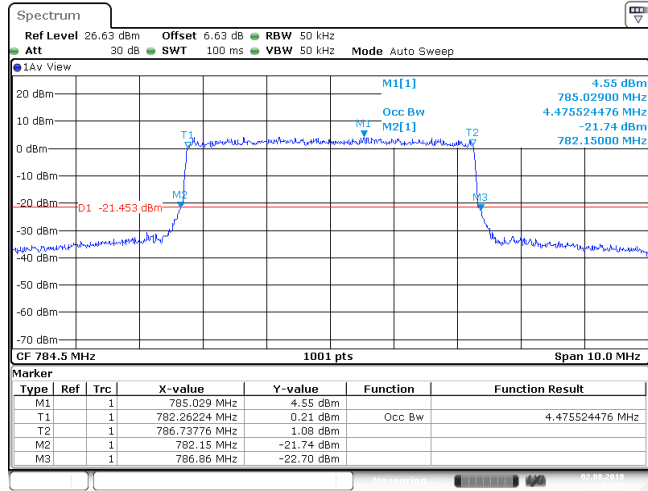
Band13_5MHz_16QAM_23205_25RB#0



Band13_5MHz_16QAM_23230_25RB#0

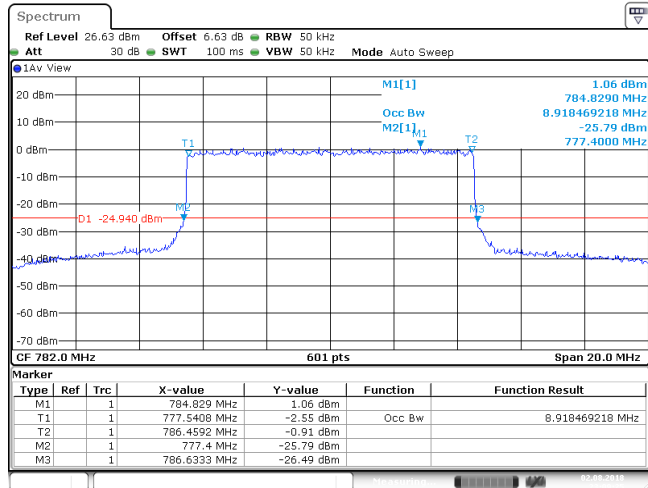


Band13_5MHz_16QAM_23255_25RB#0



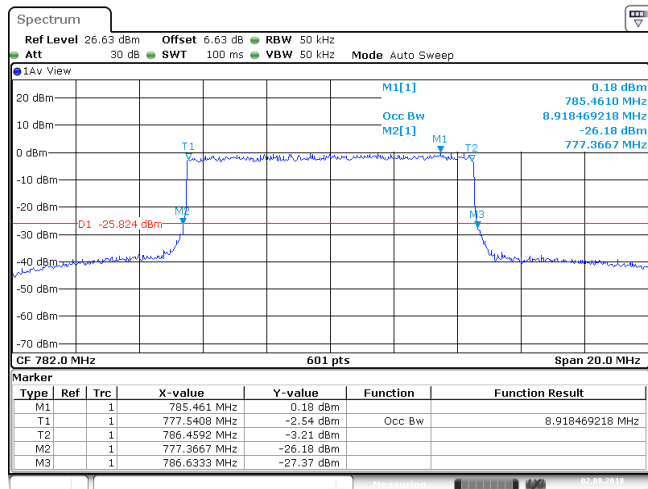
Date: 2.AUG.2018 23:02:56

Band13_10MHz_QPSK_23230_50RB#0



Date: 2.AUG.2018 23:09:24

Band13_10MHz_16QAM_23230_50RB#0



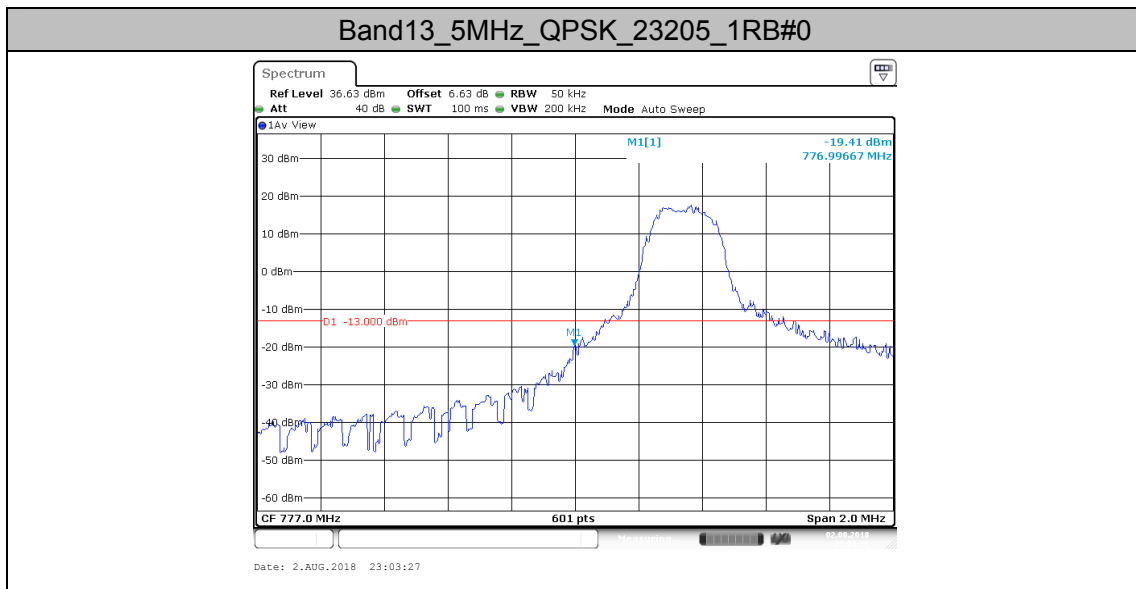
Date: 2.AUG.2018 23:09:39

Appendix C: Band Edge

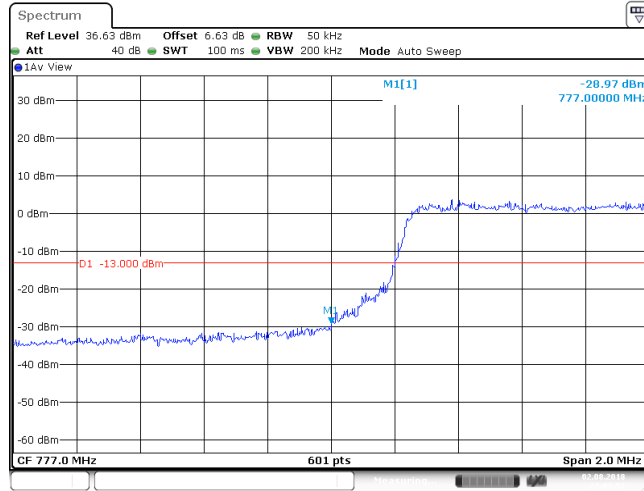
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	-19.41	PASS
Band13	5MHz	QPSK	23205	25RB#0	-28.97	PASS
Band13	5MHz	QPSK	23255	1RB#0	-37.18	PASS
Band13	5MHz	QPSK	23255	25RB#0	-29.77	PASS
Band13	5MHz	16QAM	23205	1RB#0	-21.89	PASS
Band13	5MHz	16QAM	23205	25RB#0	-30.23	PASS
Band13	5MHz	16QAM	23255	1RB#0	-37.87	PASS
Band13	5MHz	16QAM	23255	25RB#0	-30.76	PASS

Test Graphs

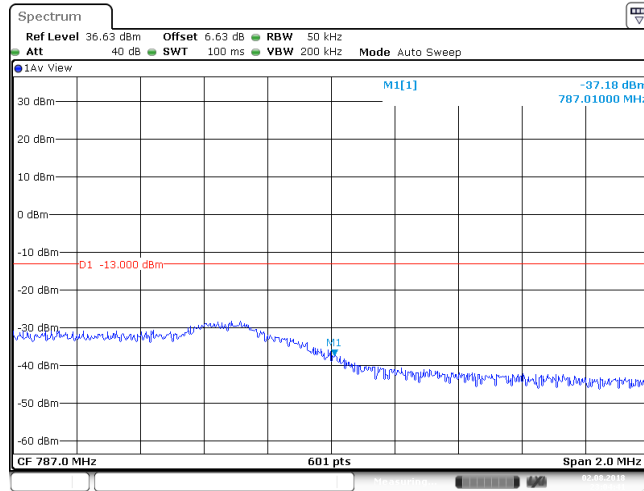


Band13_5MHz_QPSK_23205_25RB#0



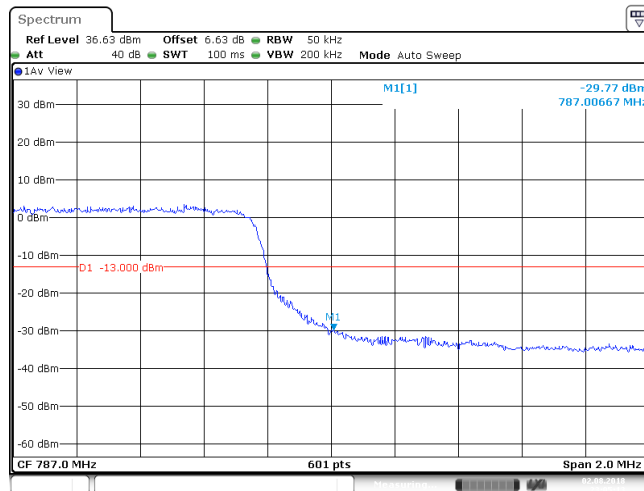
Date: 2.AUG.2018 23:03:57

Band13_5MHz_QPSK_23255_1RB#0



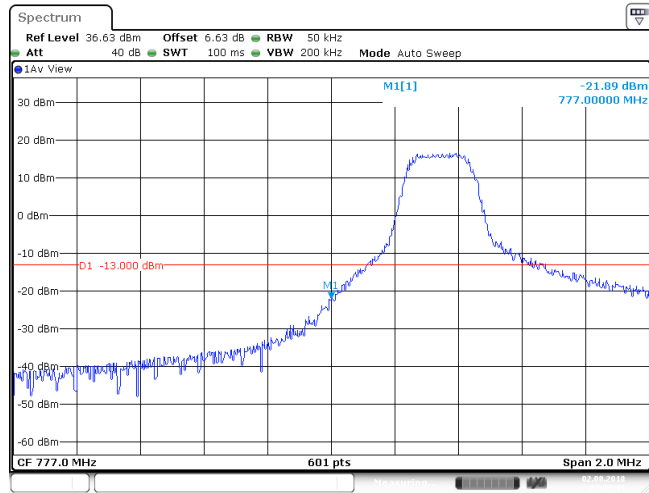
Date: 2.AUG.2018 23:04:42

Band13_5MHz_QPSK_23255_25RB#0

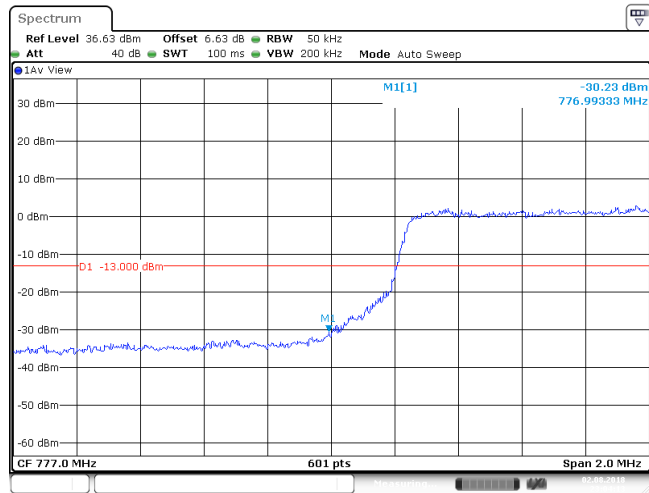


Date: 2.AUG.2018 23:05:12

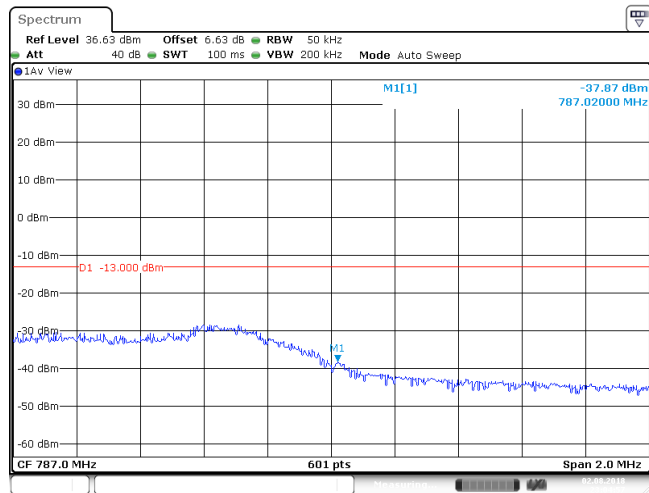
Band13_5MHz_16QAM_23205_1RB#0



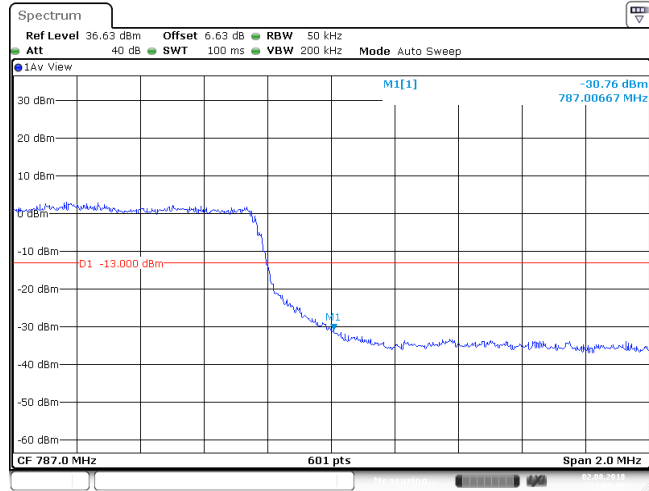
Band13_5MHz_16QAM_23205_25RB#0



Band13_5MHz_16QAM_23255_1RB#0



Band13_5MHz_16QAM_23255_25RB#0



Date: 2.AUG.2018 23:05:27