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Appendix for LTE Band 13

Applicant: AIR-U Co., Ltd

**Address: Yamaki 2nd BLDG, 8F, 3-4-2, Nishishinbashi, Minato-ku,
Tokyo, Japan**

Product Name: 4G Wireless Data Terminal

Model: CAW20A101

FCC ID: 2ATHM-CAW20A101

TABLE OF CONTENTS

1	Summary of Test Results Data and Graph	3
1.1.	Appendix A: Conducted Power Output Data	3
1.2.	Appendix B: Peak-to-Average Ratio(CCDF)	5
1.3.	Appendix C: 26dB Bandwidth and Occupied Bandwidth	12
1.4.	Appendix D: Band Edge	16
1.5.	Appendix E: Conducted Spurious Emission	21
1.6.	Appendix F: Frequency Stability	37

1 Summary of Test Results Data and Graph

1.1. Appendix A: Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	23.54	PASS
Band13	5MHz	QPSK	23205	1RB#12	23.73	PASS
Band13	5MHz	QPSK	23205	1RB#24	23.60	PASS
Band13	5MHz	QPSK	23205	12RB#0	22.63	PASS
Band13	5MHz	QPSK	23205	12RB#6	22.65	PASS
Band13	5MHz	QPSK	23205	12RB#13	22.66	PASS
Band13	5MHz	QPSK	23205	25RB#0	22.68	PASS
Band13	5MHz	QPSK	23230	1RB#0	23.54	PASS
Band13	5MHz	QPSK	23230	1RB#12	23.78	PASS
Band13	5MHz	QPSK	23230	1RB#24	23.47	PASS
Band13	5MHz	QPSK	23230	12RB#0	22.67	PASS
Band13	5MHz	QPSK	23230	12RB#6	22.68	PASS
Band13	5MHz	QPSK	23230	12RB#13	22.79	PASS
Band13	5MHz	QPSK	23230	25RB#0	22.69	PASS
Band13	5MHz	QPSK	23255	1RB#0	23.72	PASS
Band13	5MHz	QPSK	23255	1RB#12	23.75	PASS
Band13	5MHz	QPSK	23255	1RB#24	23.73	PASS
Band13	5MHz	QPSK	23255	12RB#0	22.65	PASS
Band13	5MHz	QPSK	23255	12RB#6	22.66	PASS
Band13	5MHz	QPSK	23255	12RB#13	22.68	PASS
Band13	5MHz	QPSK	23255	25RB#0	22.69	PASS
Band13	5MHz	16QAM	23205	1RB#0	22.51	PASS
Band13	5MHz	16QAM	23205	1RB#12	22.78	PASS
Band13	5MHz	16QAM	23205	1RB#24	22.65	PASS
Band13	5MHz	16QAM	23205	12RB#0	22.64	PASS
Band13	5MHz	16QAM	23205	12RB#6	22.65	PASS
Band13	5MHz	16QAM	23205	12RB#13	22.66	PASS
Band13	5MHz	16QAM	23205	25RB#0	21.51	PASS
Band13	5MHz	16QAM	23230	1RB#0	22.84	PASS
Band13	5MHz	16QAM	23230	1RB#12	22.65	PASS
Band13	5MHz	16QAM	23230	1RB#24	22.65	PASS
Band13	5MHz	16QAM	23230	12RB#0	22.70	PASS
Band13	5MHz	16QAM	23230	12RB#6	22.69	PASS

Band13	5MHz	16QAM	23230	12RB#13	22.78	PASS
Band13	5MHz	16QAM	23230	25RB#0	21.68	PASS
Band13	5MHz	16QAM	23255	1RB#0	22.56	PASS
Band13	5MHz	16QAM	23255	1RB#12	22.67	PASS
Band13	5MHz	16QAM	23255	1RB#24	22.58	PASS
Band13	5MHz	16QAM	23255	12RB#0	22.66	PASS
Band13	5MHz	16QAM	23255	12RB#6	22.66	PASS
Band13	5MHz	16QAM	23255	12RB#13	22.67	PASS
Band13	5MHz	16QAM	23255	25RB#0	21.65	PASS
Band13	10MHz	QPSK	23230	1RB#0	23.51	PASS
Band13	10MHz	QPSK	23230	1RB#24	23.80	PASS
Band13	10MHz	QPSK	23230	1RB#49	23.37	PASS
Band13	10MHz	QPSK	23230	25RB#0	22.70	PASS
Band13	10MHz	QPSK	23230	25RB#12	22.72	PASS
Band13	10MHz	QPSK	23230	25RB#25	22.72	PASS
Band13	10MHz	QPSK	23230	50RB#0	22.67	PASS
Band13	10MHz	16QAM	23230	1RB#0	22.50	PASS
Band13	10MHz	16QAM	23230	1RB#24	22.64	PASS
Band13	10MHz	16QAM	23230	1RB#49	22.39	PASS
Band13	10MHz	16QAM	23230	25RB#0	22.91	PASS
Band13	10MHz	16QAM	23230	25RB#12	22.71	PASS
Band13	10MHz	16QAM	23230	25RB#25	22.71	PASS
Band13	10MHz	16QAM	23230	50RB#0	21.73	PASS

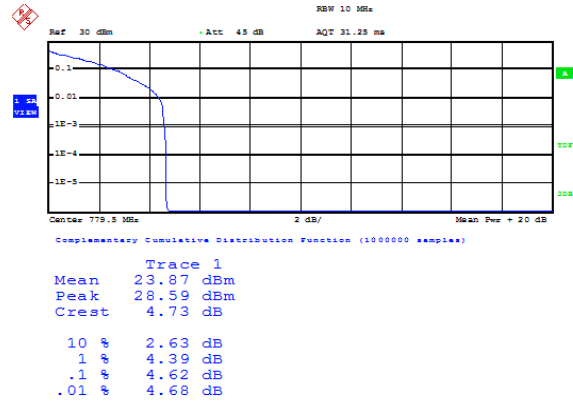
1.2. Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	4.62	13	PASS
Band13	5MHz	QPSK	23205	25RB#0	5.32	13	PASS
Band13	5MHz	QPSK	23230	1RB#0	4.71	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	5.38	13	PASS
Band13	5MHz	QPSK	23255	1RB#0	4.68	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	5.38	13	PASS
Band13	5MHz	16QAM	23205	1RB#0	5.42	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	6.15	13	PASS
Band13	5MHz	16QAM	23230	1RB#0	5.61	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	6.25	13	PASS
Band13	5MHz	16QAM	23255	1RB#0	5.87	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	6.25	13	PASS
Band13	10MHz	QPSK	23230	1RB#0	4.65	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.22	13	PASS
Band13	10MHz	16QAM	23230	1RB#0	5.80	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	6.19	13	PASS

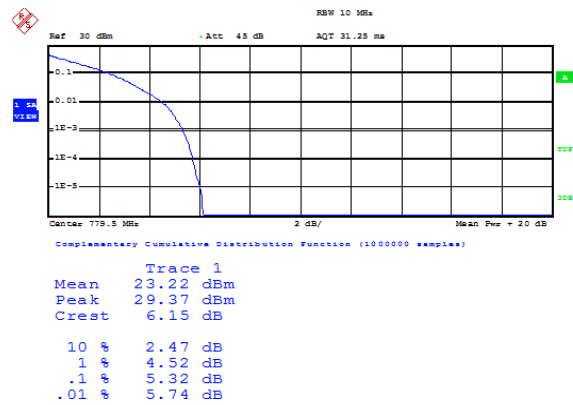
Test Graphs

Band13-5MHz-QPSK-23205-1RB#0



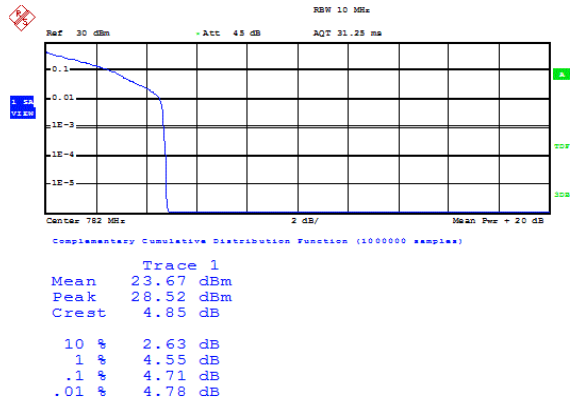
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Band13-5MHz-QPSK-23205-25RB#0



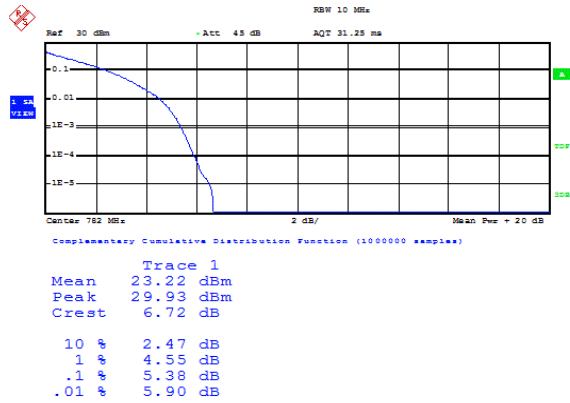
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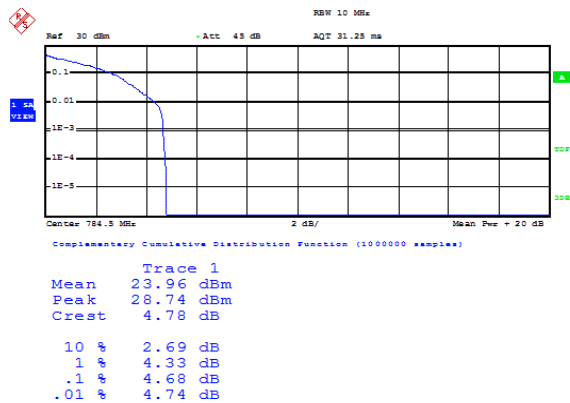
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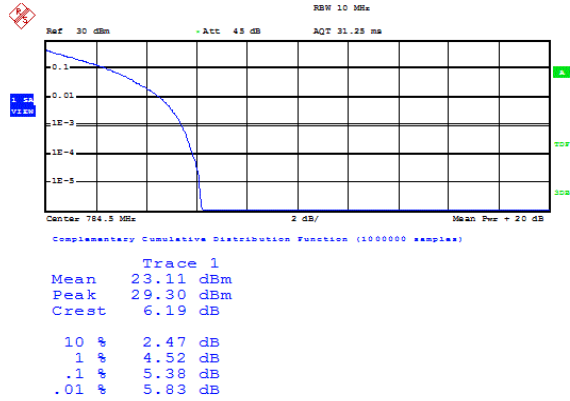
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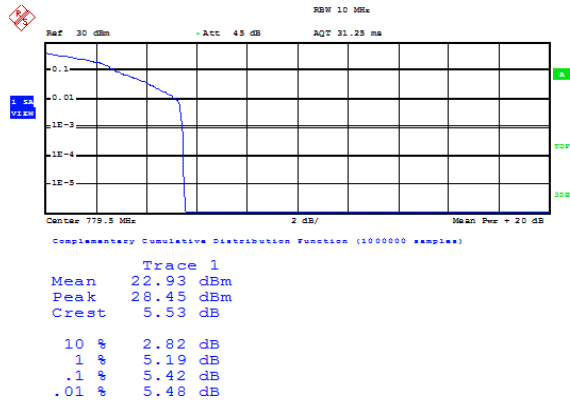
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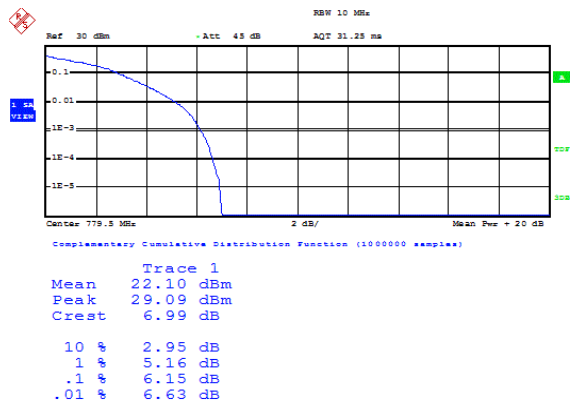
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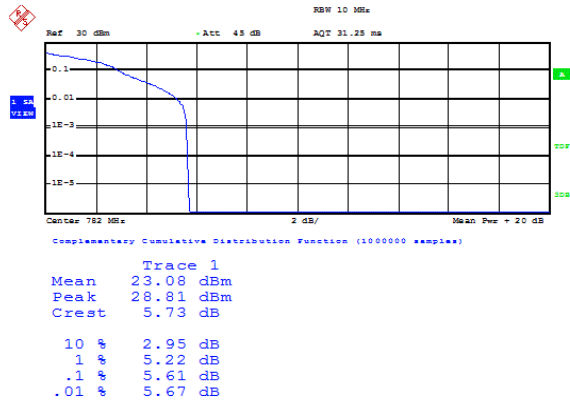
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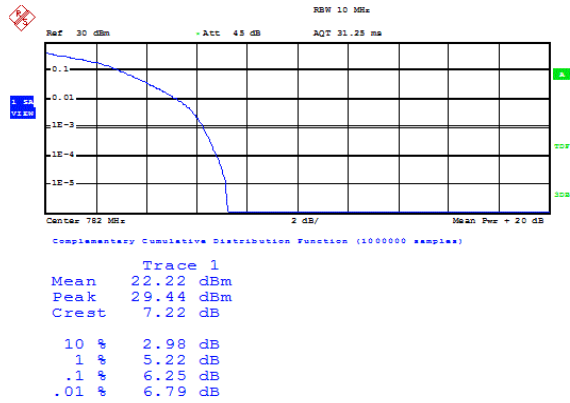
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Band13-5MHz-16QAM-23230-1RB#0



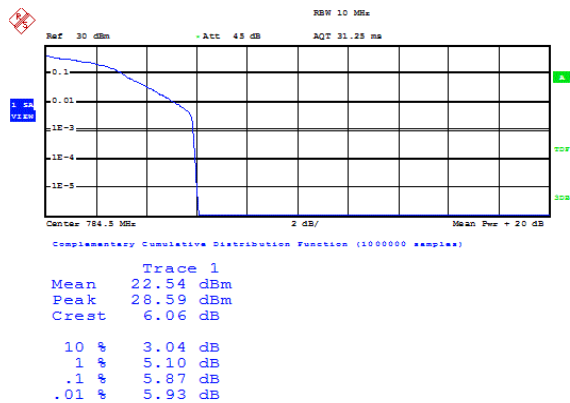
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Band13-5MHz-16QAM-23230-25RB#0



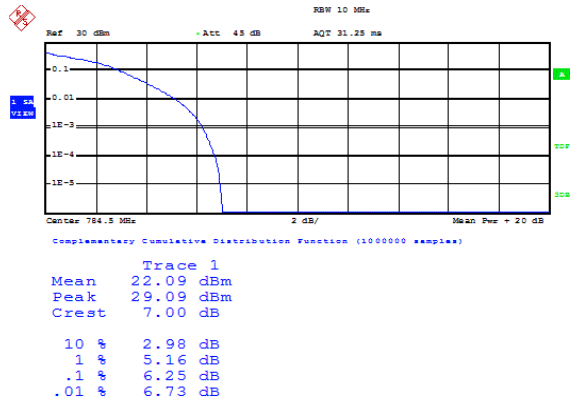
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Band13-5MHz-16QAM-23255-1RB#0



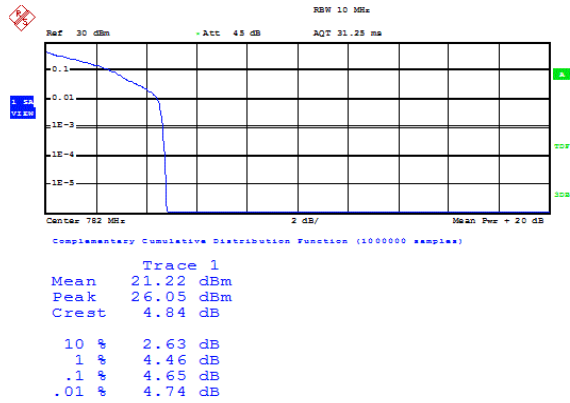
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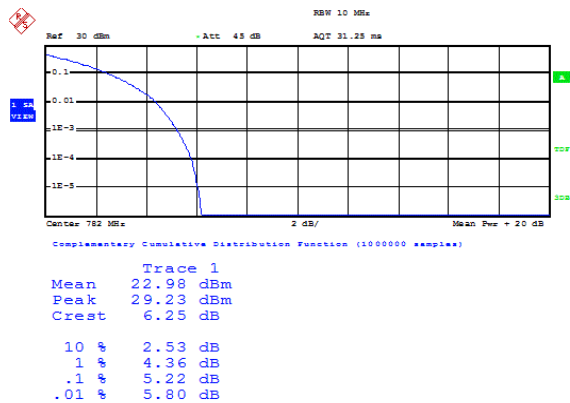
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Band13-10MHz-QPSK-23230-1RB#0



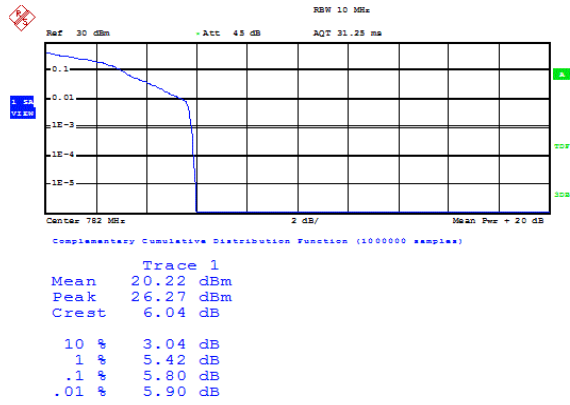
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Band13-10MHz-QPSK-23230-50RB#0



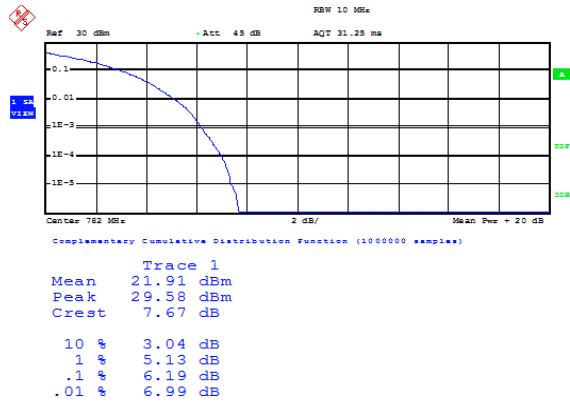
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Band13-10MHz-16QAM-23230-1RB#0



Date: 11.NOV.2020 10:37:21

Band13-10MHz-16QAM-23230-50RB#0



Date: 11.NOV.2020 10:37:39

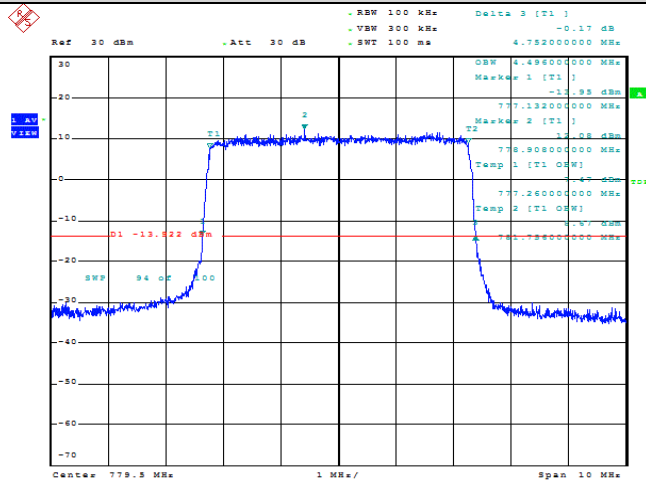
1.3. Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.496	4.752	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.496	4.776	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.496	4.800	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.496	4.768	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.504	4.784	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.512	4.760	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.942	9.647	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.974	9.647	PASS

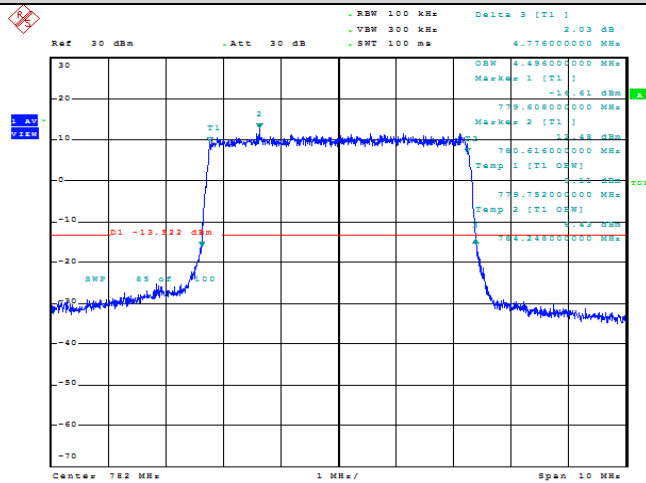
Test Graphs

Band13-5MHz-QPSK-23205-25RB#0-4.496



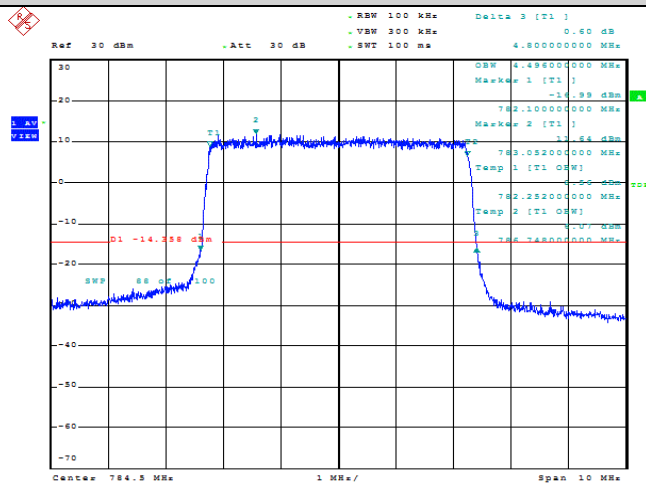
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Band13-5MHz-QPSK-23230-25RB#0-4.496

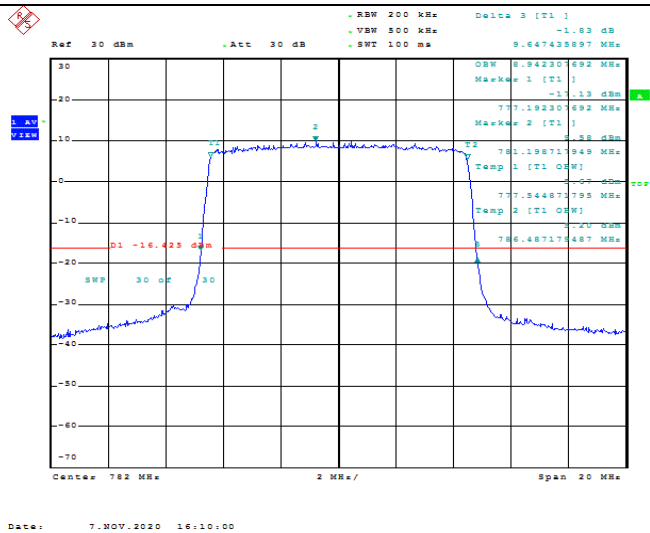


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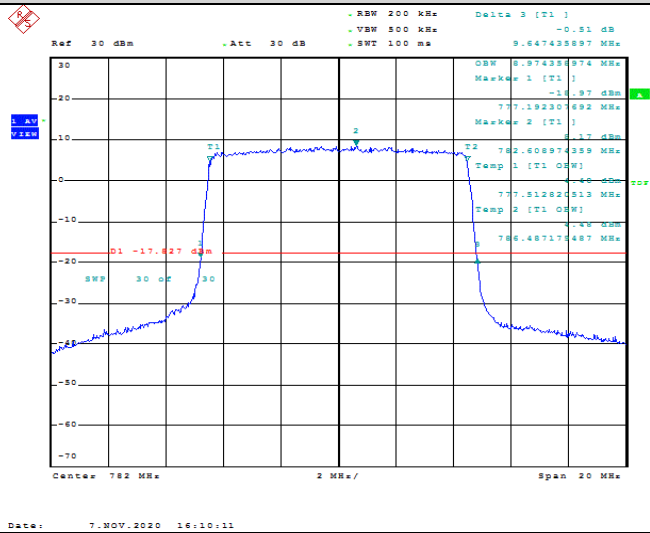
Band13-5MHz-QPSK-23255-25RB#0-4.496



Date: 7.NOV.2020 15:50:58



Band13-10MHz-16QAM-23230-50RB#0-8.974



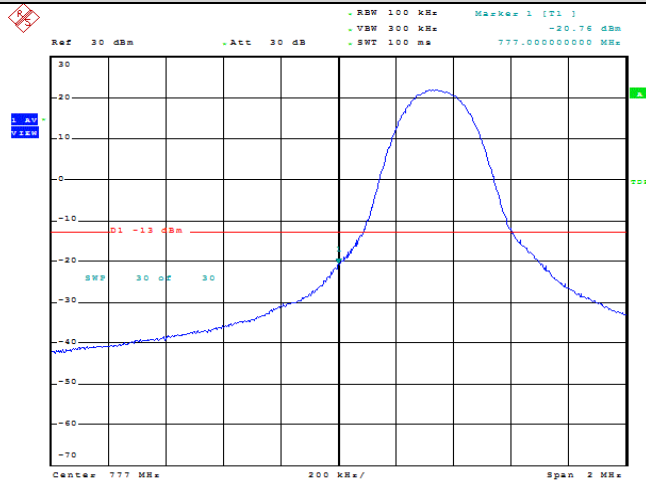
1.4. Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	-20.76	PASS
Band13	5MHz	QPSK	23205	1RB#24	-49.94	PASS
Band13	5MHz	QPSK	23205	25RB#0	-27.21	PASS
Band13	5MHz	QPSK	23255	1RB#0	-50.47	PASS
Band13	5MHz	QPSK	23255	1RB#24	-20.52	PASS
Band13	5MHz	QPSK	23255	25RB#0	-28.04	PASS
Band13	5MHz	16QAM	23205	1RB#0	-21.46	PASS
Band13	5MHz	16QAM	23205	1RB#24	-50.22	PASS
Band13	5MHz	16QAM	23205	25RB#0	-29.52	PASS
Band13	5MHz	16QAM	23255	1RB#0	-50.67	PASS
Band13	5MHz	16QAM	23255	1RB#24	-19.67	PASS
Band13	5MHz	16QAM	23255	25RB#0	-29.06	PASS

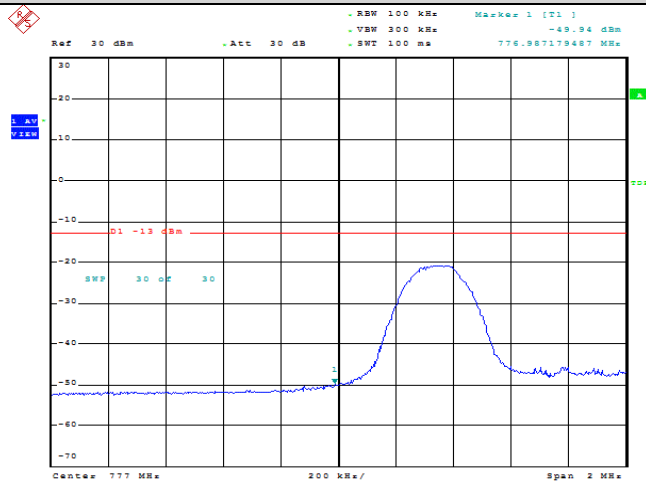
Test Graphs

Band13-5MHz-QPSK-23205-1RB#0



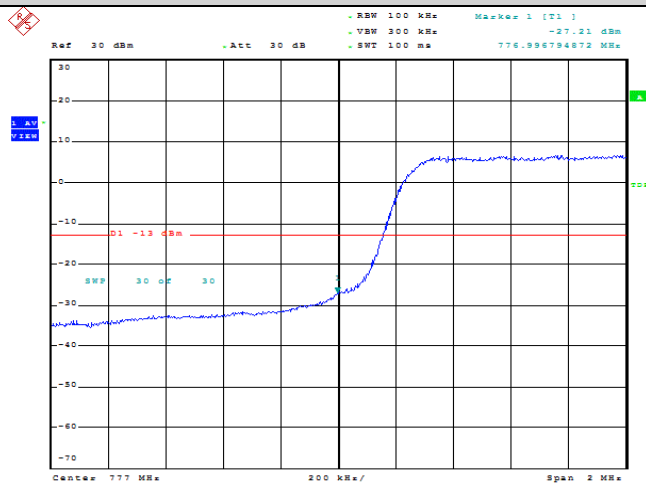
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Band13-5MHz-QPSK-23205-1RB#24



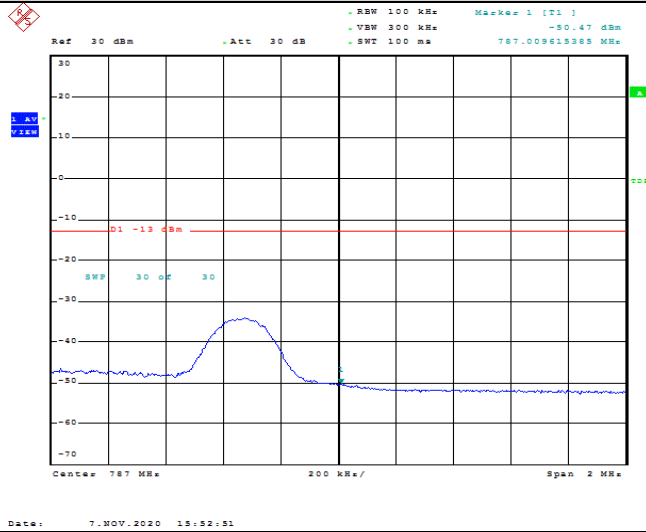
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Band13-5MHz-QPSK-23205-25RB#0

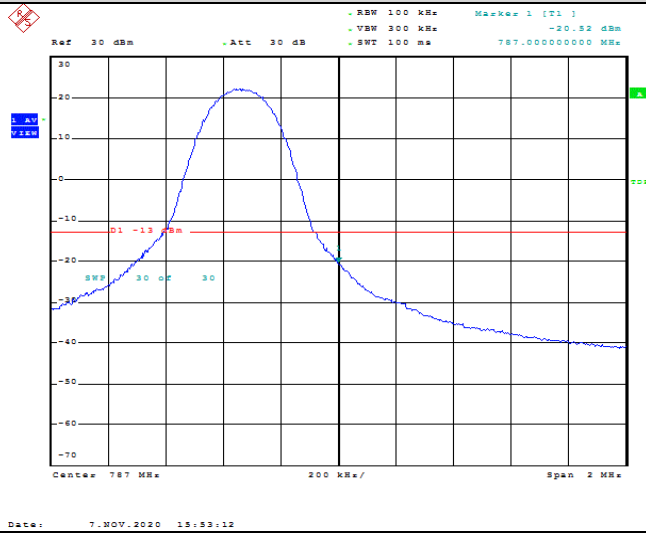


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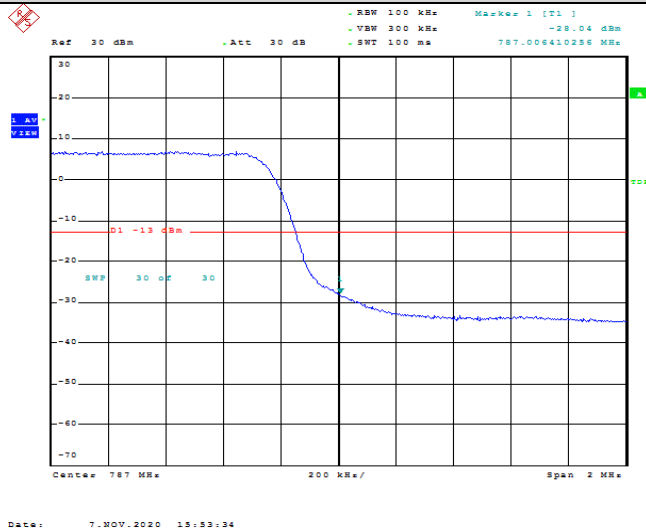
Band13-5MHz-QPSK-23255-1RB#0



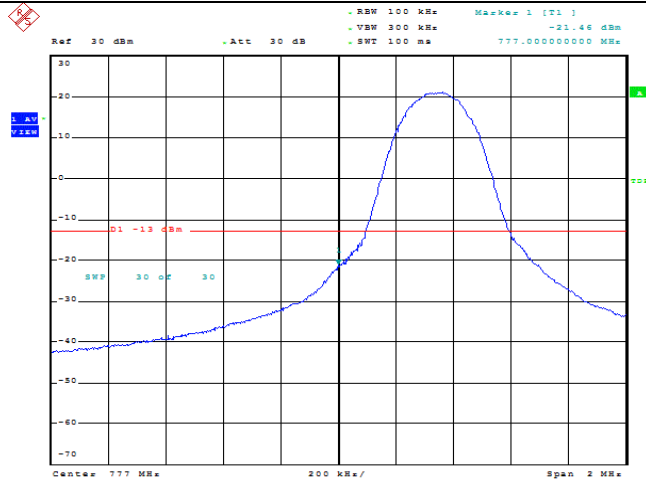
Band13-5MHz-QPSK-23255-1RB#24



Band13-5MHz-QPSK-23255-25RB#0

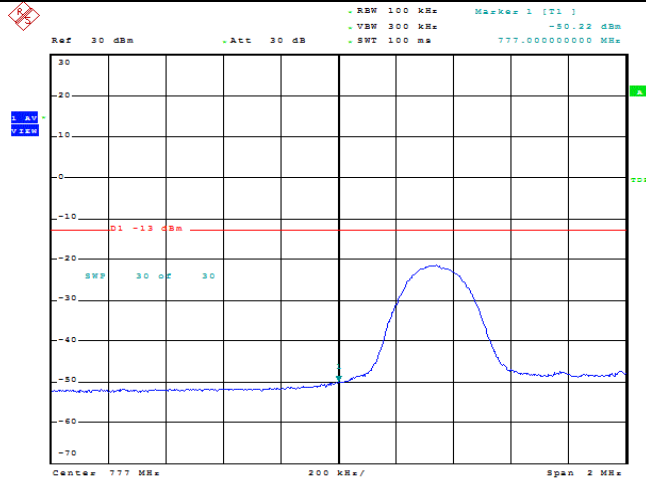


Band13-5MHz-16QAM-23205-1RB#0



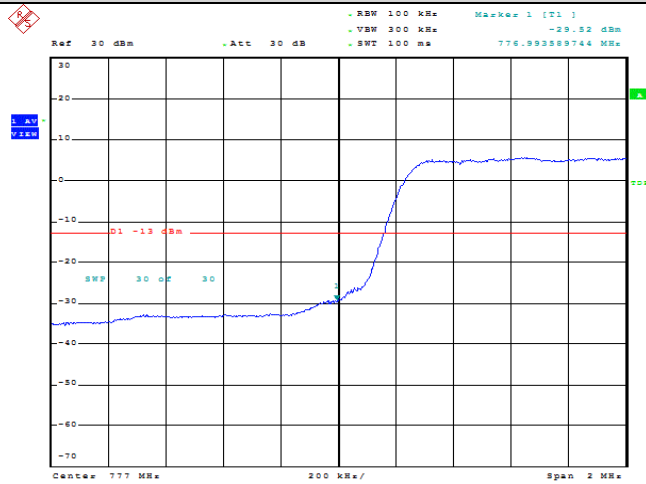
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Band13-5MHz-16QAM-23205-1RB#24



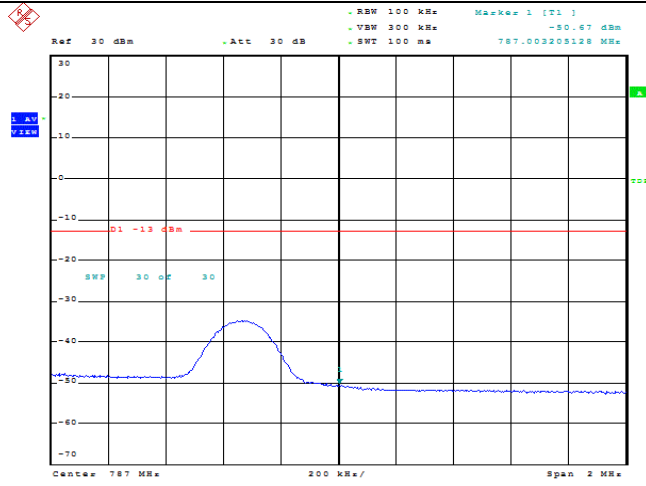
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Band13-5MHz-16QAM-23205-25RB#0



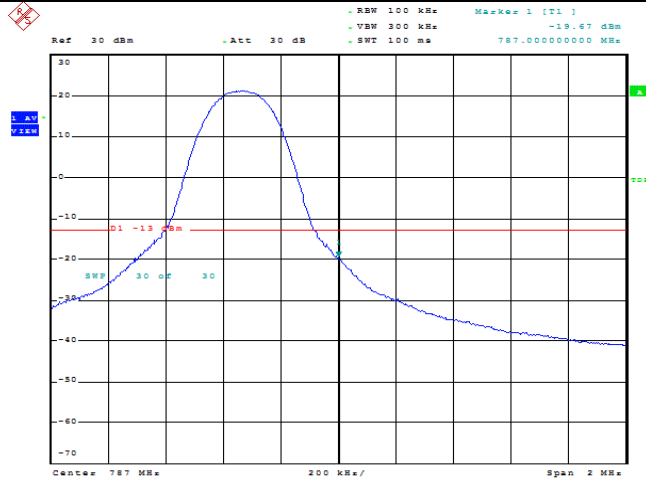
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Band13-5MHz-16QAM-23255-1RB#0



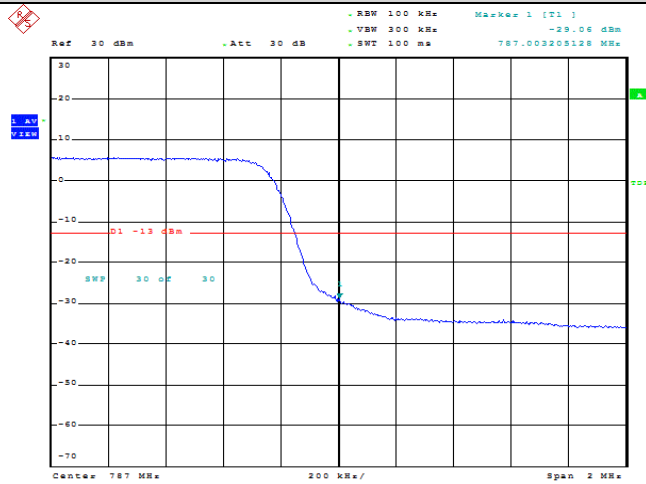
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Band13-5MHz-16QAM-23255-1RB#24



Date: 7.NOV.2020 15:53:23

Band13-5MHz-16QAM-23255-25RB#0



Date: 7.NOV.2020 15:53:44

1.5. Appendix E: Conducted Spurious Emission

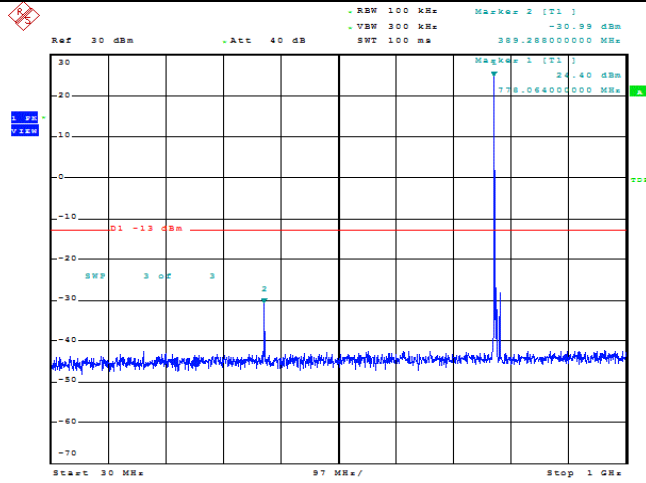
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	Range1:30~1000MHz	-30.99	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range3:763~775MHz	-50.64	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range4:793~805MHz	-72.99	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range2:1000~10000MHz	-33.39	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range5:1559~1610MHz	-51.81	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-30.83	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range3:763~775MHz	-57.4	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range4:793~805MHz	-72.45	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-33.06	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range5:1559~1610MHz	-55.85	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range1:30~1000MHz	-29.8	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range3:763~775MHz	-54.73	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range4:793~805MHz	-72.08	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range2:1000~10000MHz	-33	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range5:1559~1610MHz	-56.23	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range1:30~1000MHz	-33.64	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range3:763~775MHz	-51.59	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range4:793~805MHz	-72.08	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range2:1000~10000MHz	-33.03	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range5:1559~1610MHz	-52.83	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range1:30~1000MHz	-29.81	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range3:763~775MHz	-59.5	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range4:793~805MHz	-72.73	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range2:1000~10000MHz	-33.12	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range5:1559~1610MHz	-56.22	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range1:30~1000MHz	-31.93	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range3:763~775MHz	-55.73	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range4:793~805MHz	-72.98	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range2:1000~10000MHz	-31.54	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range5:1559~1610MHz	-56.37	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-30.65	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range3:763~775MHz	-51.21	PASS

Band13	10MHz	QPSK	23230	1RB#0	Range4:793~805MHz	-47.52	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-34.39	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range5:1559~1610MHz	-52.04	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range1:30~1000MHz	-33.25	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range3:763~775MHz	-52.73	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range4:793~805MHz	-47.49	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range2:1000~10000MHz	-34.38	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range5:1559~1610MHz	-52.11	PASS

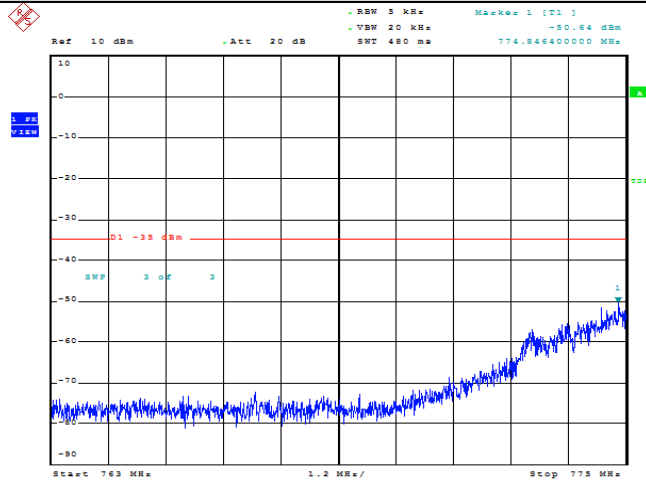
Test Graphs

Band13-5MHz-QPSK-23205-1RB#0-Range1:30~1000MHz



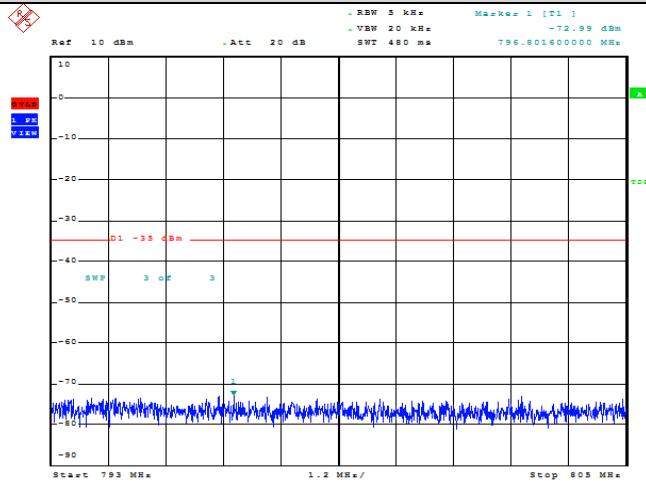
Date: 7.NOV.2020 15:53:58

Band13-5MHz-QPSK-23205-1RB#0-Range3:763~775MHz



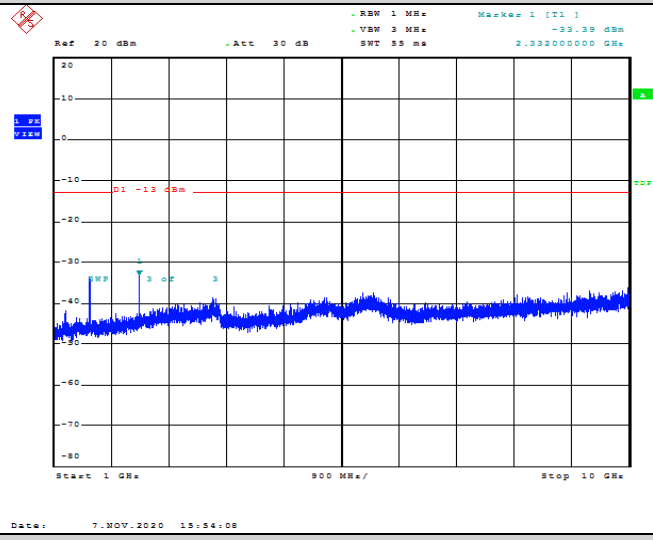
Date: 7.NOV.2020 15:54:17

Band13-5MHz-QPSK-23205-1RB#0-Range4:793~805MHz

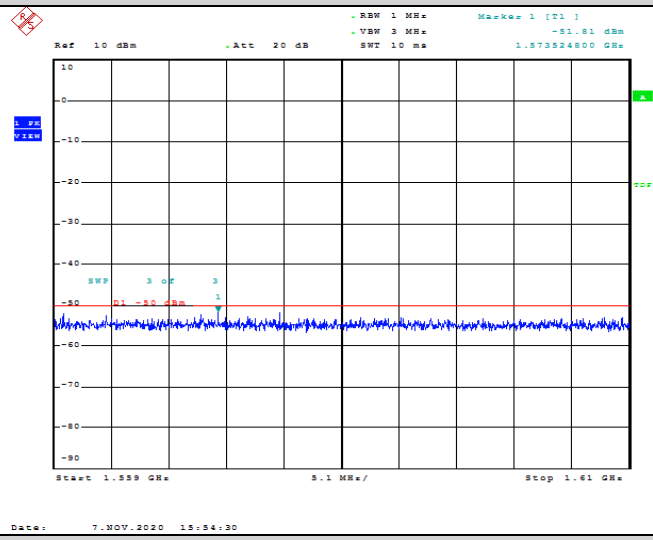


Date: 7.NOV.2020 15:54:23

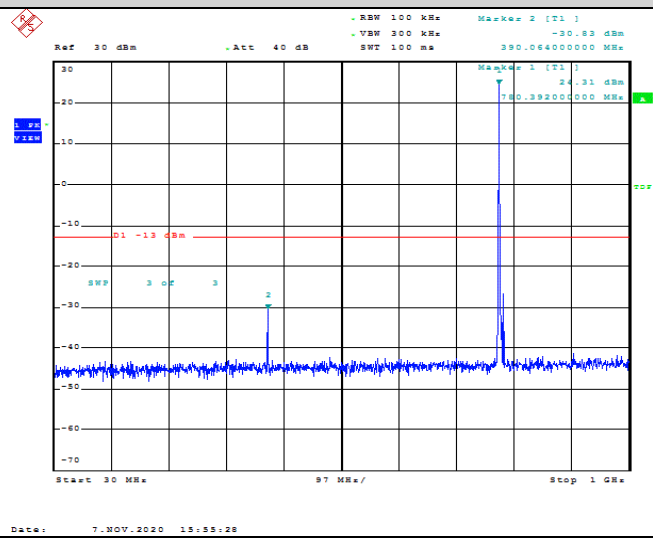
Band13-5MHz-QPSK-23205-1RB#0-Range2:1000~10000MHz



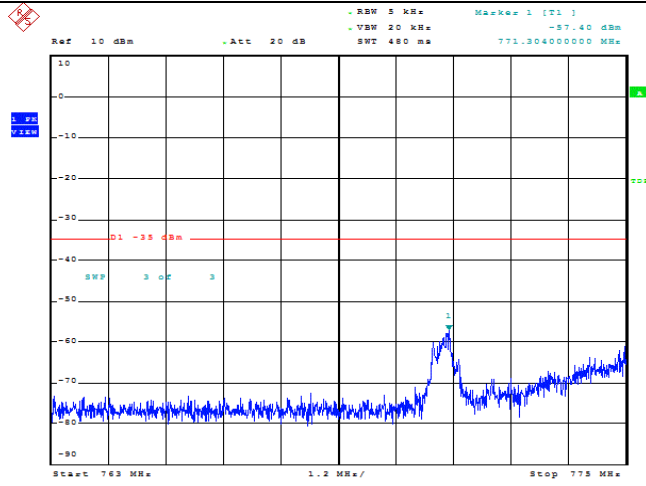
Band13-5MHz-QPSK-23205-1RB#0-Range5:1559~1610MHz



Band13-5MHz-QPSK-23230-1RB#0-Range1:30~1000MHz

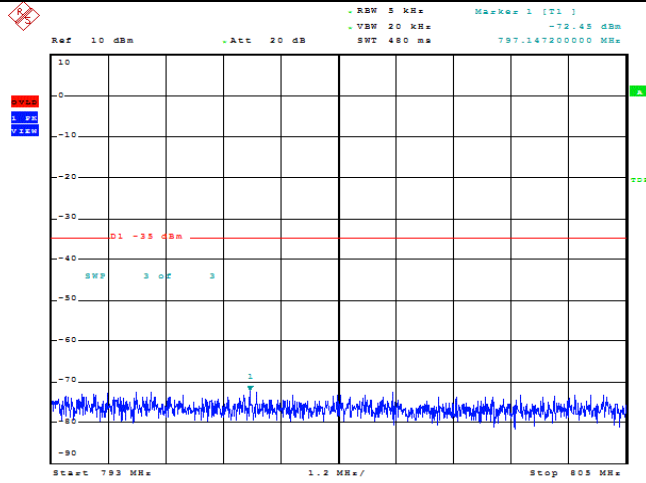


Band13-5MHz-QPSK-23230-1RB#0-Range3:763~775MHz



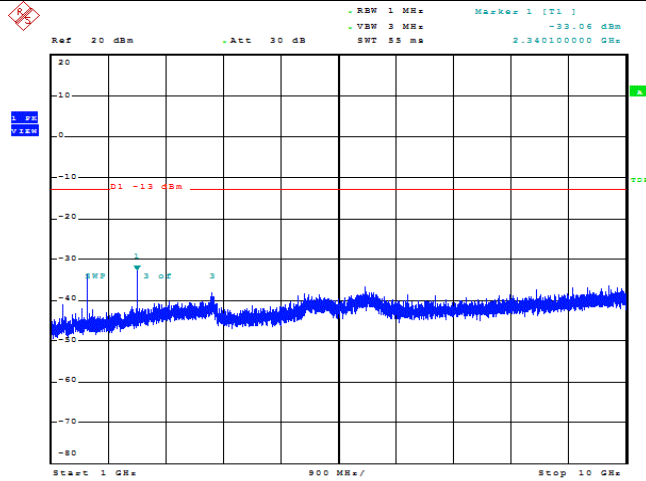
Date: 7.NOV.2020 15:55:46

Band13-5MHz-QPSK-23230-1RB#0-Range4:793~805MHz



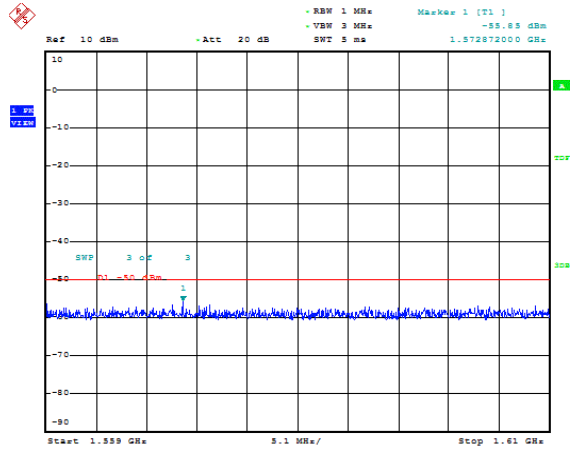
Date: 7.NOV.2020 15:55:53

Band13-5MHz-QPSK-23230-1RB#0-Range2:1000~10000MHz



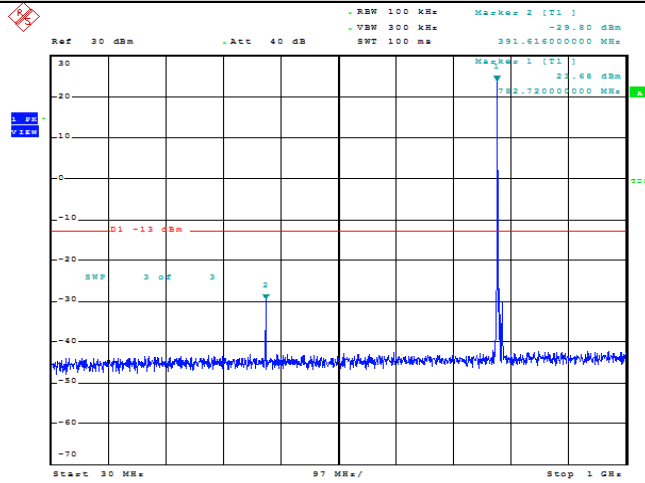
Date: 7.NOV.2020 15:55:57

Band13-5MHz-QPSK-23230-1RB#0-Range1:1559~1610MHz



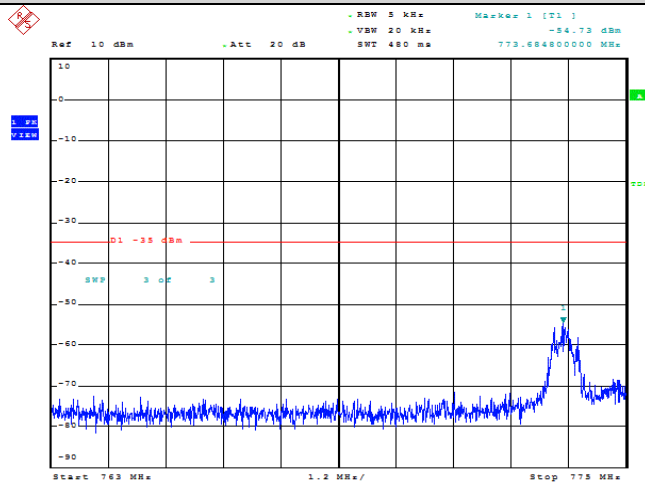
Date: 19.NOV.2020 10:55:54

Band13-5MHz-QPSK-23255-1RB#0-Range1:30~1000MHz



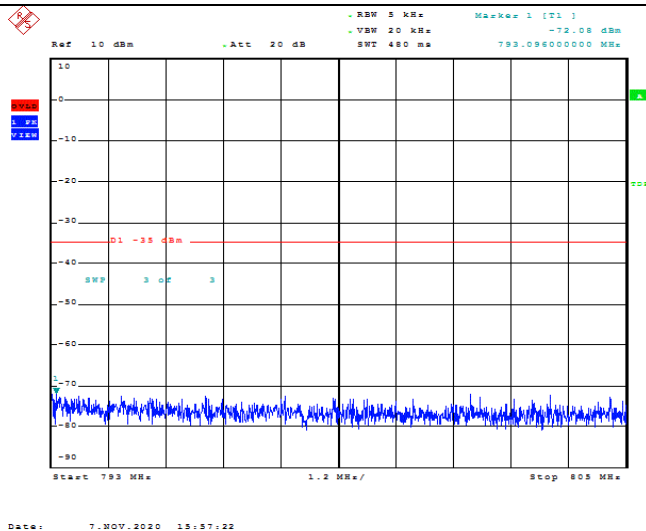
Date: 7.NOV.2020 15:56:56

Band13-5MHz-QPSK-23255-1RB#0-Range3:763~775MHz



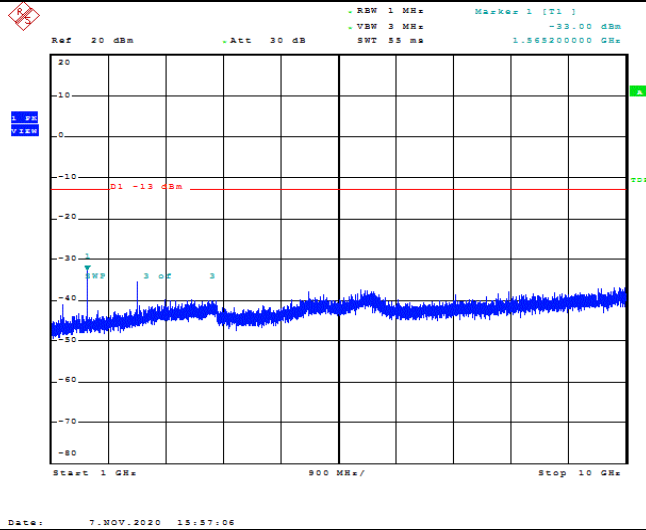
Date: 7.NOV.2020 15:57:15

Band13-5MHz-QPSK-23255-1RB#0-Range4:793~805MHz



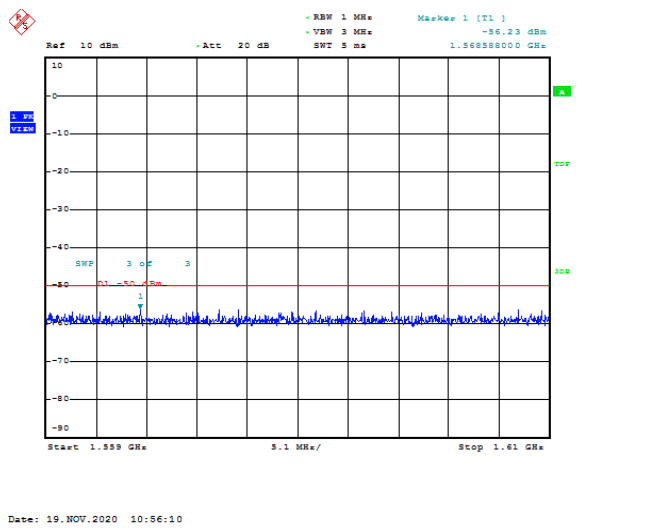
Date: 7.NOV.2020 15:57:22

Band13-5MHz-QPSK-23255-1RB#0-Range2:1000~10000MHz



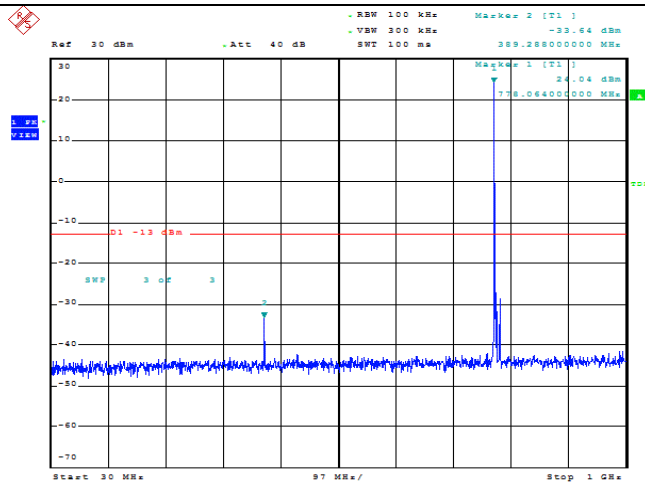
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Band13-5MHz-QPSK-23255-1RB#0-Range1:1559~1610MHz



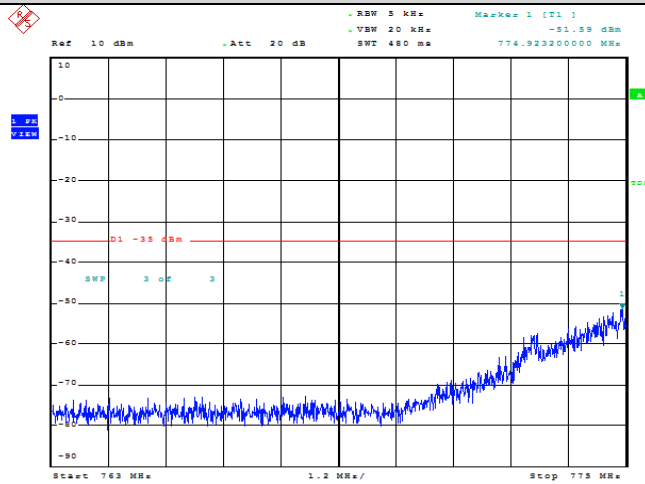
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Band13-5MHz-16QAM-23205-1RB#0-Range1:30~1000MHz



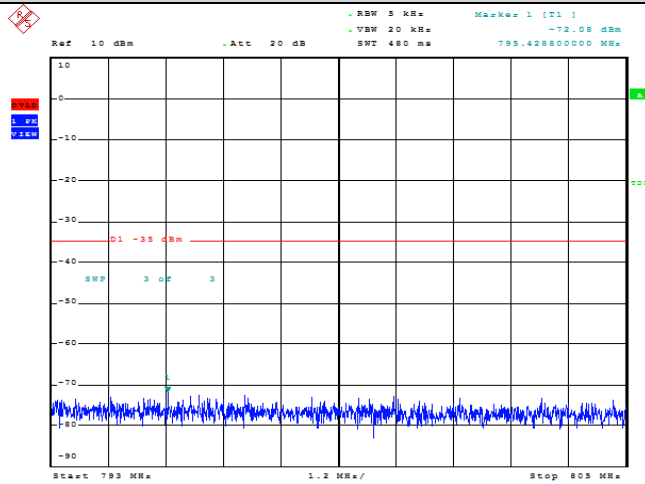
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Band13-5MHz-16QAM-23205-1RB#0-Range3:763~775MHz



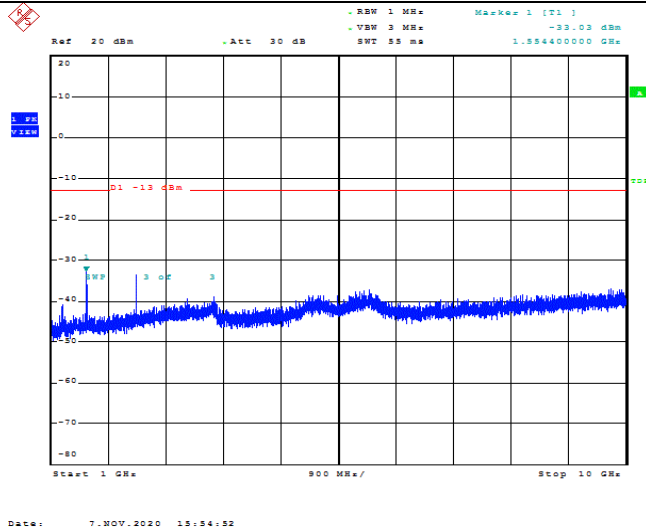
Date: 7.NOV.2020 15:55:00

Band13-5MHz-16QAM-23205-1RB#0-Range4:793~805MHz

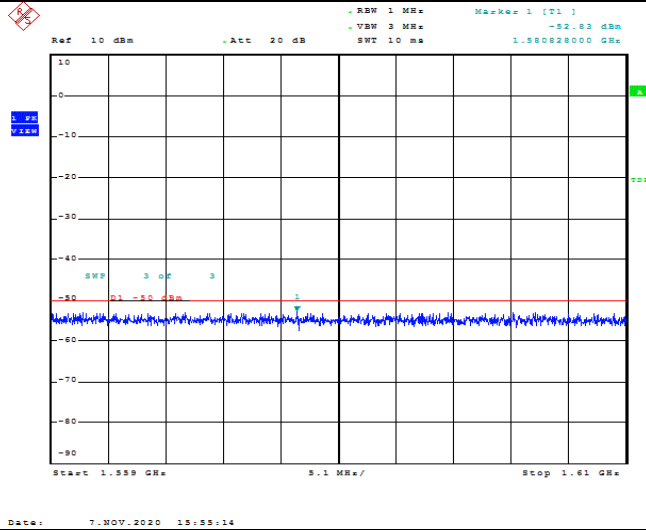


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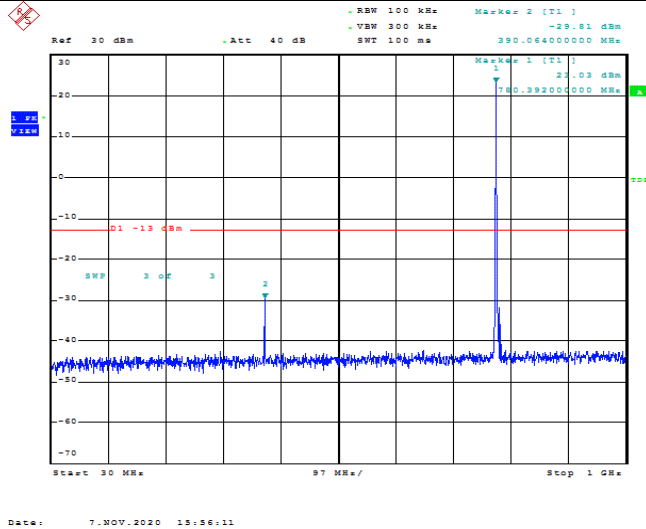
Band13-5MHz-16QAM-23205-1RB#0-Range2:1000~10000MHz



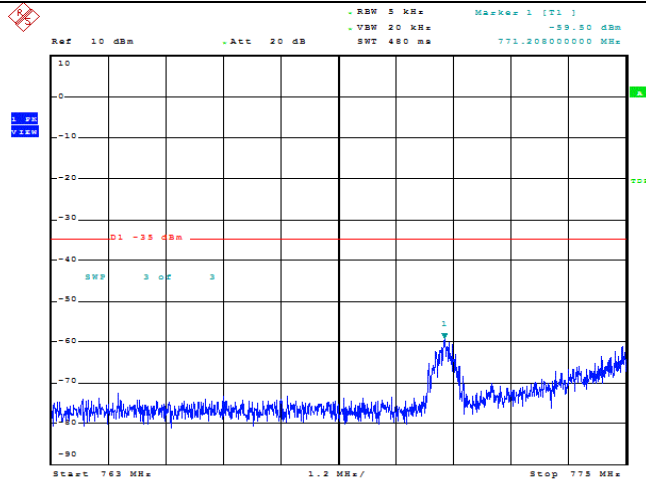
Band13-5MHz-16QAM-23205-1RB#0-Range5:1559~1610MHz



Band13-5MHz-16QAM-23230-1RB#0-Range1:30~1000MHz

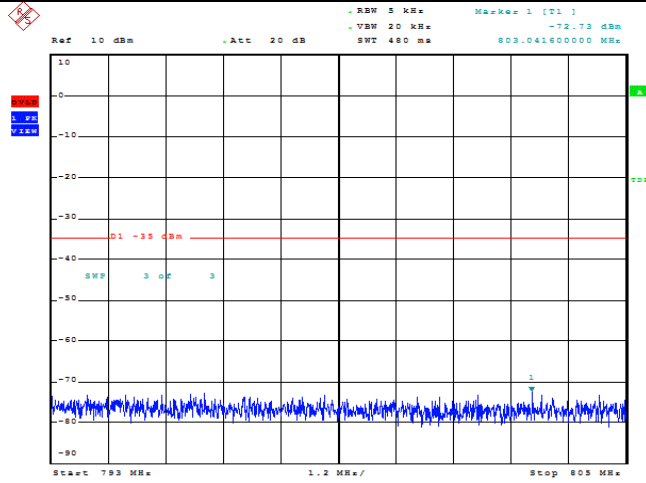


Band13-5MHz-16QAM-23230-1RB#0-Range3:763~775MHz



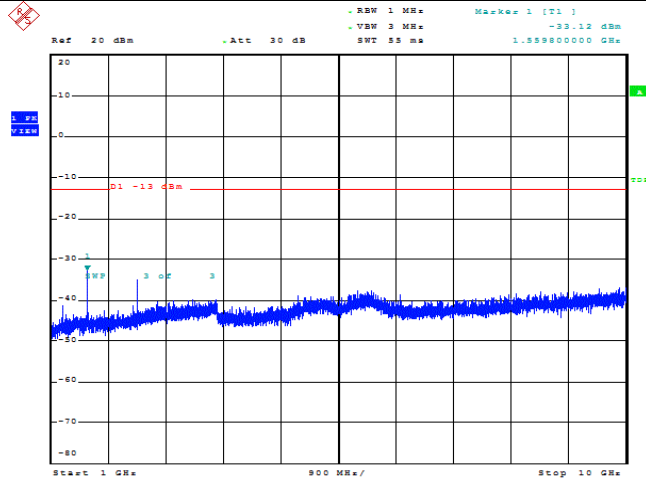
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Band13-5MHz-16QAM-23230-1RB#0-Range4:793~805MHz



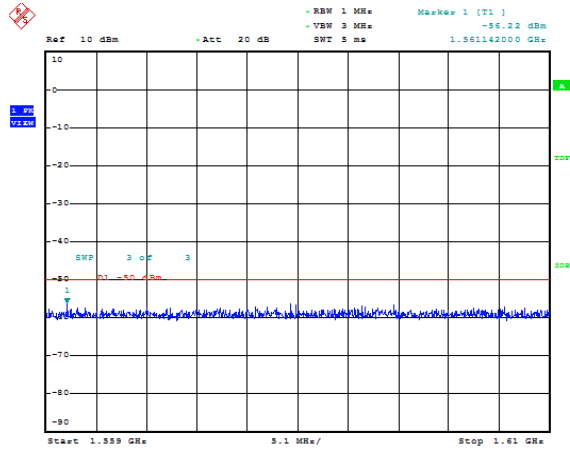
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Band13-5MHz-16QAM-23230-1RB#0-Range2:1000~10000MHz



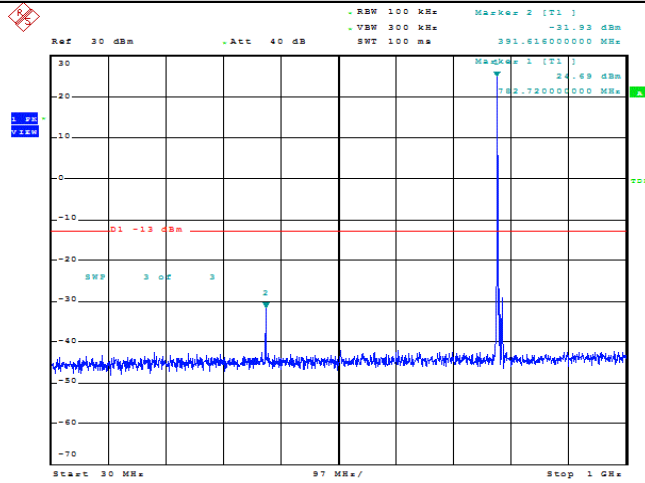
Date: 7.NOV.2020 15:56:21

Band13-5MHz-16QAM-23230-1RB#0-Range1:1559~1610MHz



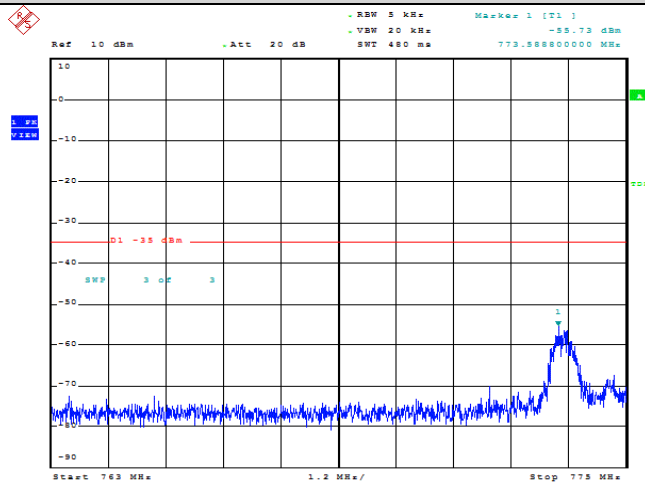
Date: 19.NOV.2020 10:56:01

Band13-5MHz-16QAM-23255-1RB#0-Range1:30~1000MHz



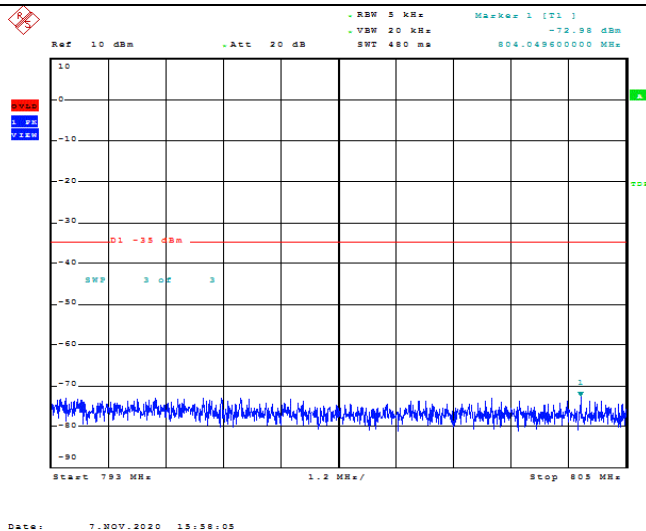
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Band13-5MHz-16QAM-23255-1RB#0-Range3:763~775MHz

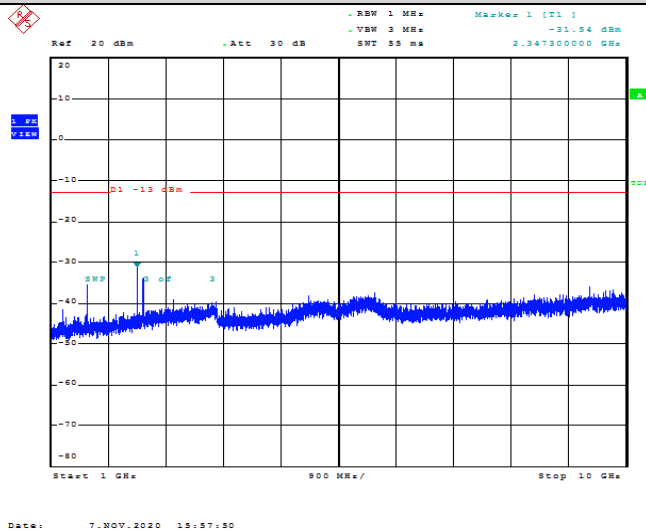


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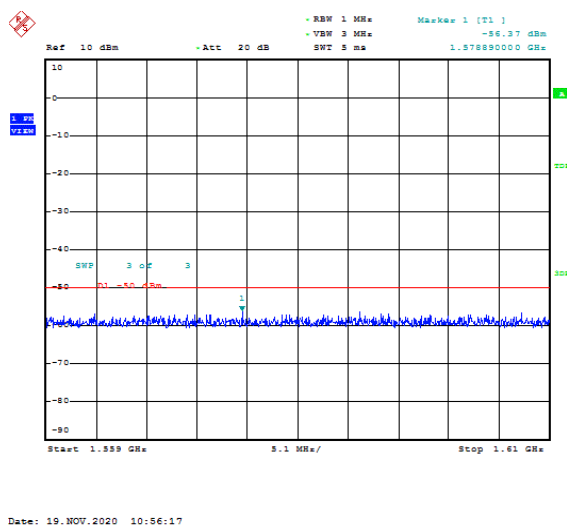
Band13-5MHz-16QAM-23255-1RB#0-Range4:793~805MHz



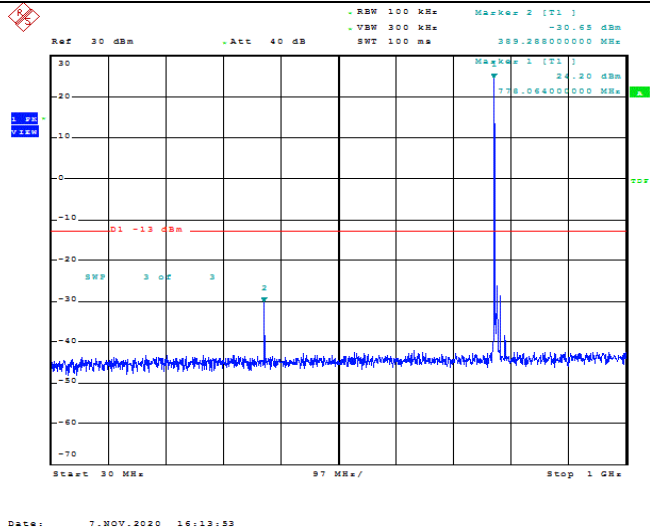
Band13-5MHz-16QAM-23255-1RB#0-Range2:1000~10000MHz



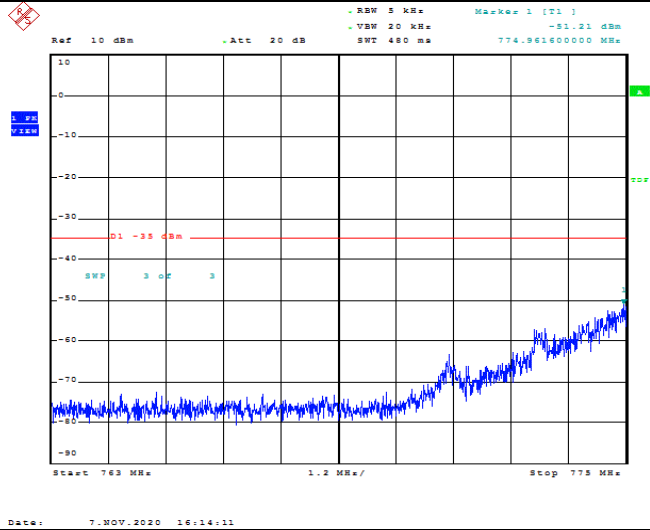
Band13-5MHz-16QAM-23255-1RB#0-Range1:1559~1610MHz



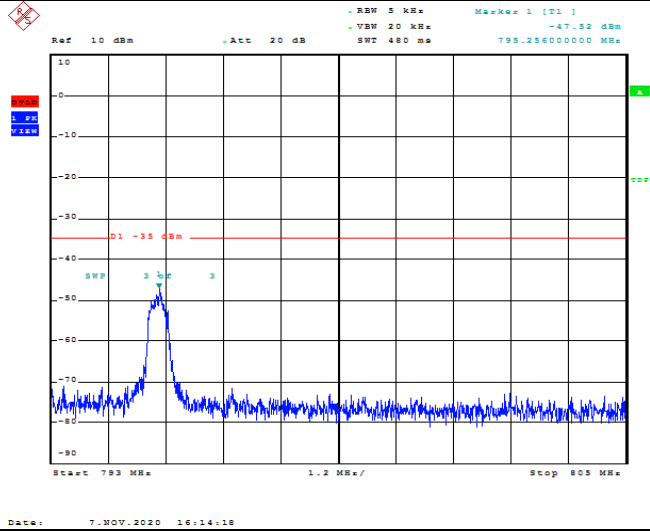
Band13-10MHz-QPSK-23230-1RB#0-Range1:30~1000MHz



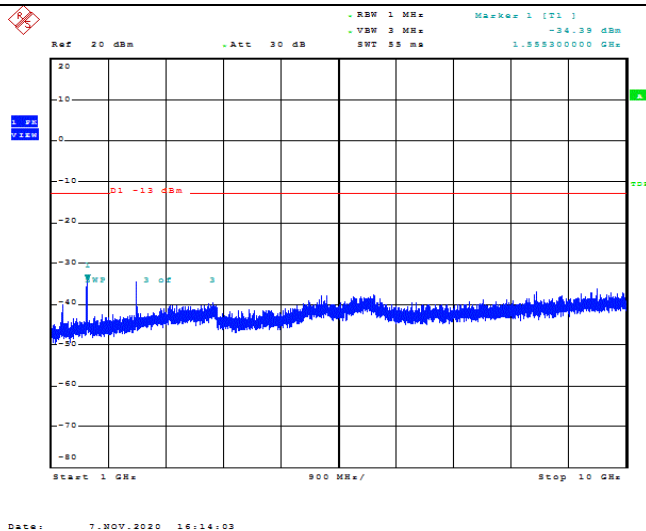
Band13-10MHz-QPSK-23230-1RB#0-Range3:763~775MHz



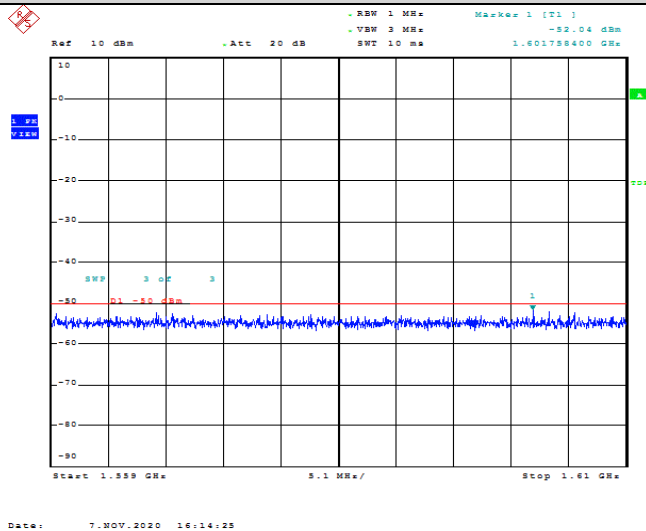
Band13-10MHz-QPSK-23230-1RB#0-Range4:793~805MHz



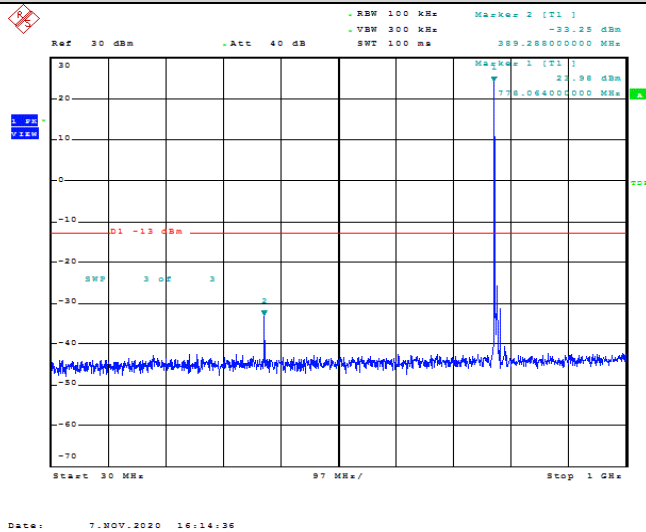
Band13-10MHz-QPSK-23230-1RB#0-Range2:1000~10000MHz



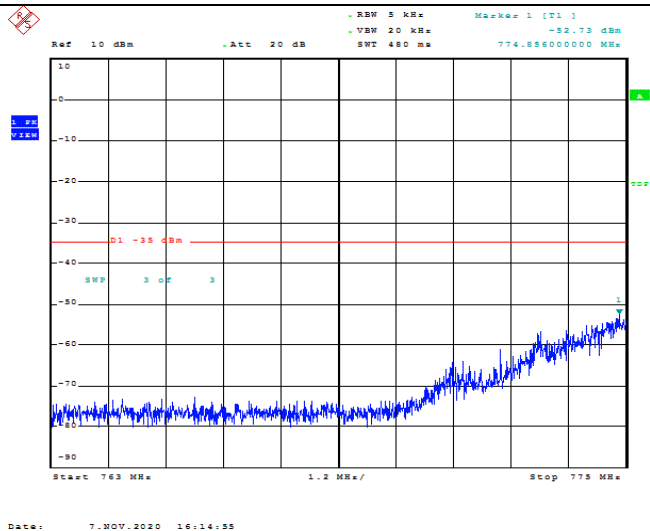
Band13-10MHz-QPSK-23230-1RB#0-Range5:1559~1610MHz



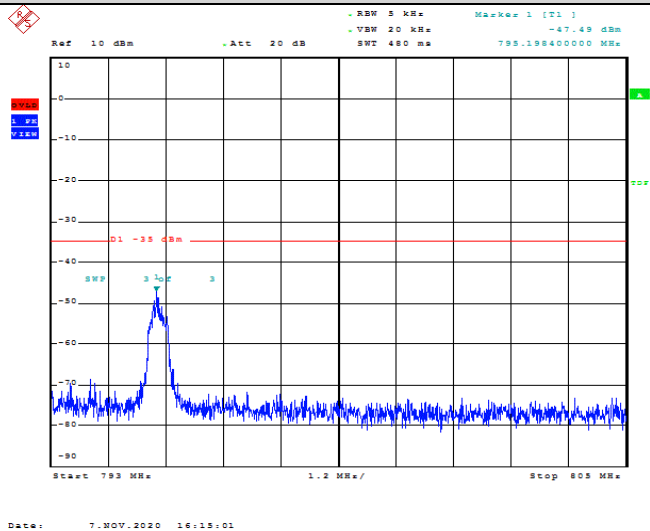
Band13-10MHz-16QAM-23230-1RB#0-Range1:30~1000MHz



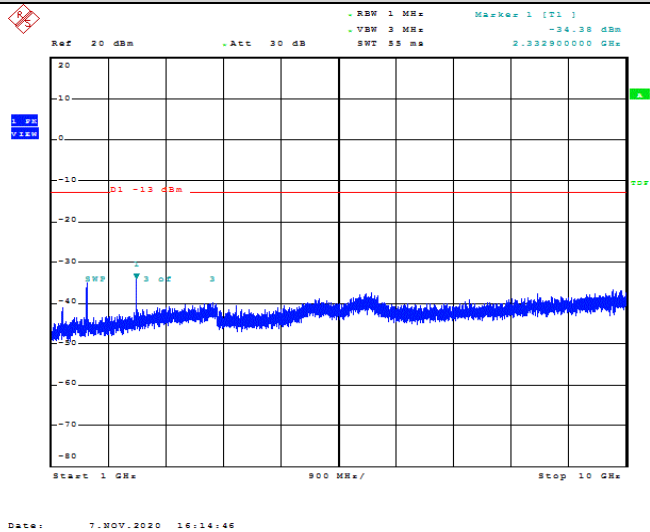
Band13-10MHz-16QAM-23230-1RB#0-Range3:763~775MHz



Band13-10MHz-16QAM-23230-1RB#0-Range4:793~805MHz



Band13-10MHz-16QAM-23230-1RB#0-Range2:1000~10000MHz



Band13-10MHz-16QAM-23230-1RB#0-Range5:1559~1610MHz

1.6. Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	VL	NT	-2.72	-0.003489	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VN	NT	-2.26	-0.002899	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VH	NT	-1.47	-0.001886	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VL	NT	1.13	0.001445	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VN	NT	-2.40	-0.003069	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VH	NT	-2.52	-0.003223	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VL	NT	1.19	0.001517	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VN	NT	3.75	0.004780	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VH	NT	-1.85	-0.002358	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VL	NT	-3.66	-0.004695	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VN	NT	-1.96	-0.002514	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VH	NT	-3.12	-0.004003	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VL	NT	-1.79	-0.002289	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VN	NT	-0.97	-0.001240	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VH	NT	-2.23	-0.002852	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VL	NT	1.80	0.002294	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VN	NT	-0.96	-0.001224	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VH	NT	1.73	0.002205	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VL	NT	1.20	0.001535	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VN	NT	-0.82	-0.001049	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VH	NT	-1.90	-0.002430	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VL	NT	1.72	0.002199	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VN	NT	-2.99	-0.003824	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VH	NT	-2.72	-0.003478	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	NV	-20	-3.25	-0.004169	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-10	-3.65	-0.004682	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	0	-2.20	-0.002822	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	10	-2.82	-0.003618	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	20	-3.26	-0.004182	±2.5	PASS

Band13	5MHz	QPSK	23205	25RB#0	NV	30	-3.26	-0.004182	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	40	-2.29	-0.002938	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	50	-2.16	-0.002771	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	60	-2.55	-0.003271	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-20	2.40	0.003069	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-10	-2.98	-0.003811	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	0	-3.05	-0.003900	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	10	-2.07	-0.002647	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	20	-2.88	-0.003683	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	30	-3.08	-0.003939	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	40	-2.69	-0.003440	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	50	-2.56	-0.003274	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	60	2.02	0.002583	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-20	-1.37	-0.001746	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-10	-1.52	-0.001938	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	0	-2.42	-0.003085	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	10	-1.96	-0.002498	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	20	-1.82	-0.002320	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	30	-2.65	-0.003378	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	40	1.96	0.002498	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	50	-2.72	-0.003467	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	60	-2.15	-0.002741	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-20	-1.80	-0.002309	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-10	-2.25	-0.002886	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	0	-4.25	-0.005452	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	10	-2.13	-0.002733	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	20	-2.95	-0.003784	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	30	-3.25	-0.004169	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	40	-2.92	-0.003746	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	50	-2.16	-0.002771	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	60	-3.08	-0.003951	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-20	2.17	0.002775	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-10	-3.08	-0.003939	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	0	0.96	0.001228	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	10	2.49	0.003184	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	20	-2.86	-0.003657	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	30	-1.27	-0.001624	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	40	-2.57	-0.003286	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	50	-1.73	-0.002212	±2.5	PASS

Band13	5MHz	16QAM	23230	25RB#0	NV	60	2.12	0.002711	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-20	1.82	0.002320	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-10	-3.71	-0.004729	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	0	1.36	0.001734	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	10	2.88	0.003671	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	20	3.76	0.004793	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	30	-2.68	-0.003416	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	40	-1.53	-0.001950	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	50	1.99	0.002537	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	60	-1.72	-0.002192	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-20	-2.36	-0.003018	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-10	-2.13	-0.002724	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	0	-3.00	-0.003836	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	-4.15	-0.005307	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	-2.66	-0.003402	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	30	-4.11	-0.005256	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	40	-2.15	-0.002749	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	50	-1.80	-0.002302	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	60	-3.03	-0.003875	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-20	-2.75	-0.003517	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-10	-1.42	-0.001816	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	0	-4.33	-0.005537	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	10	-2.32	-0.002967	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	20	1.97	0.002519	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	30	-1.37	-0.001752	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	40	-2.93	-0.003747	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	50	-1.87	-0.002391	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	60	1.33	0.001701	±2.5	PASS

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