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Appendix for LTE Band 13

**Applicant: HONGKONG UCLOUDLINK NETWORK TECHNOLOGY
LIMITED**

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Product Name: LTE Module

Model: GLMM20A01

FCC ID: 2AC88-GLMM20A01

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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#12	24.26	PASS
Band13	5MHz	QPSK	23205	1RB#24	24.15	PASS
Band13	5MHz	QPSK	23205	12RB#0	22.91	PASS
Band13	5MHz	QPSK	23205	12RB#6	22.91	PASS
Band13	5MHz	QPSK	23205	12RB#13	22.93	PASS
Band13	5MHz	QPSK	23205	25RB#0	22.90	PASS
Band13	5MHz	QPSK	23230	1RB#0	23.95	PASS
Band13	5MHz	QPSK	23230	1RB#12	23.96	PASS
Band13	5MHz	QPSK	23230	1RB#24	23.78	PASS
Band13	5MHz	QPSK	23230	12RB#0	22.84	PASS
Band13	5MHz	QPSK	23230	12RB#6	22.82	PASS
Band13	5MHz	QPSK	23230	12RB#13	22.87	PASS
Band13	5MHz	QPSK	23230	25RB#0	22.94	PASS
Band13	5MHz	QPSK	23255	1RB#0	23.78	PASS
Band13	5MHz	QPSK	23255	1RB#12	23.94	PASS
Band13	5MHz	QPSK	23255	1RB#24	24.11	PASS
Band13	5MHz	QPSK	23255	12RB#0	22.85	PASS
Band13	5MHz	QPSK	23255	12RB#6	22.84	PASS
Band13	5MHz	QPSK	23255	12RB#13	22.74	PASS
Band13	5MHz	QPSK	23255	25RB#0	22.81	PASS
Band13	5MHz	16QAM	23205	1RB#0	22.89	PASS
Band13	5MHz	16QAM	23205	1RB#12	23.07	PASS
Band13	5MHz	16QAM	23205	1RB#24	22.97	PASS
Band13	5MHz	16QAM	23205	12RB#0	22.91	PASS
Band13	5MHz	16QAM	23205	12RB#6	22.91	PASS
Band13	5MHz	16QAM	23205	12RB#13	23.04	PASS
Band13	5MHz	16QAM	23205	25RB#0	22.01	PASS
Band13	5MHz	16QAM	23230	1RB#0	22.95	PASS
Band13	5MHz	16QAM	23230	1RB#12	22.84	PASS
Band13	5MHz	16QAM	23230	1RB#24	22.87	PASS
Band13	5MHz	16QAM	23230	12RB#0	22.83	PASS
Band13	5MHz	16QAM	23230	12RB#6	22.81	PASS
Band13	5MHz	16QAM	23230	12RB#13	22.87	PASS

Band13	5MHz	16QAM	23230	25RB#0	21.91	PASS
Band13	5MHz	16QAM	23255	1RB#0	22.80	PASS
Band13	5MHz	16QAM	23255	1RB#12	22.95	PASS
Band13	5MHz	16QAM	23255	1RB#24	22.76	PASS
Band13	5MHz	16QAM	23255	12RB#0	22.84	PASS
Band13	5MHz	16QAM	23255	12RB#6	22.84	PASS
Band13	5MHz	16QAM	23255	12RB#13	22.75	PASS
Band13	5MHz	16QAM	23255	25RB#0	21.96	PASS
Band13	10MHz	QPSK	23230	1RB#0	23.93	PASS
Band13	10MHz	QPSK	23230	1RB#24	24.25	PASS
Band13	10MHz	QPSK	23230	1RB#49	23.88	PASS
Band13	10MHz	QPSK	23230	25RB#0	23.04	PASS
Band13	10MHz	QPSK	23230	25RB#12	23.01	PASS
Band13	10MHz	QPSK	23230	25RB#25	22.83	PASS
Band13	10MHz	QPSK	23230	50RB#0	22.89	PASS
Band13	10MHz	16QAM	23230	1RB#0	23.05	PASS
Band13	10MHz	16QAM	23230	1RB#24	22.89	PASS
Band13	10MHz	16QAM	23230	1RB#49	22.59	PASS
Band13	10MHz	16QAM	23230	25RB#0	23.02	PASS
Band13	10MHz	16QAM	23230	25RB#12	23.01	PASS
Band13	10MHz	16QAM	23230	25RB#25	22.84	PASS
Band13	10MHz	16QAM	23230	50RB#0	22.04	PASS

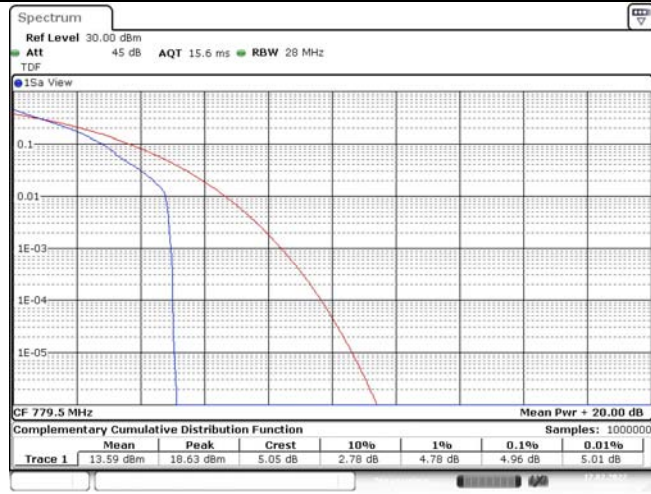
1.2. Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	4.96	13	PASS
Band13	5MHz	QPSK	23205	25RB#0	5.22	13	PASS
Band13	5MHz	QPSK	23230	1RB#0	4.23	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.99	13	PASS
Band13	5MHz	QPSK	23255	1RB#0	4.14	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	5.33	13	PASS
Band13	5MHz	16QAM	23205	1RB#0	5.83	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	6.09	13	PASS
Band13	5MHz	16QAM	23230	1RB#0	5.13	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	5.91	13	PASS
Band13	5MHz	16QAM	23255	1RB#0	5.28	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	6.17	13	PASS
Band13	10MHz	QPSK	23230	1RB#0	4.87	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.04	13	PASS
Band13	10MHz	16QAM	23230	1RB#0	5.80	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	5.97	13	PASS

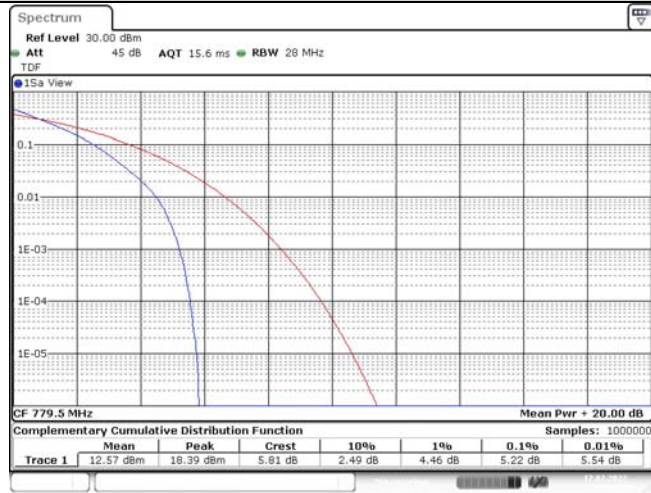
Test Graphs

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



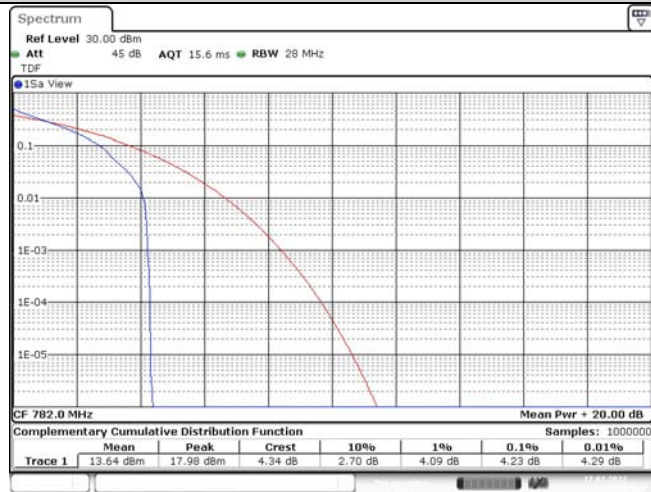
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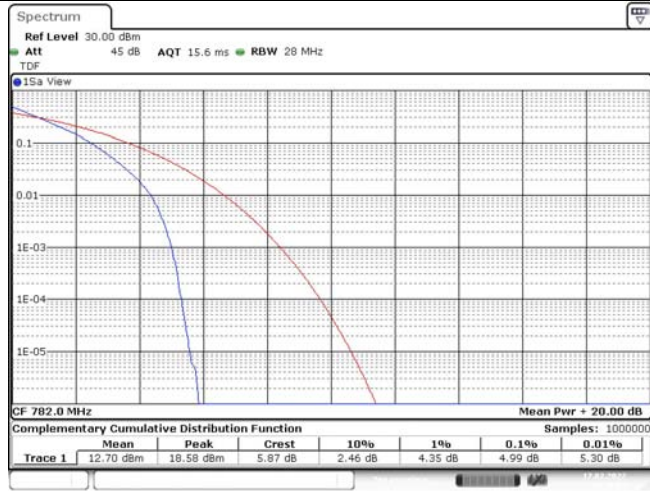
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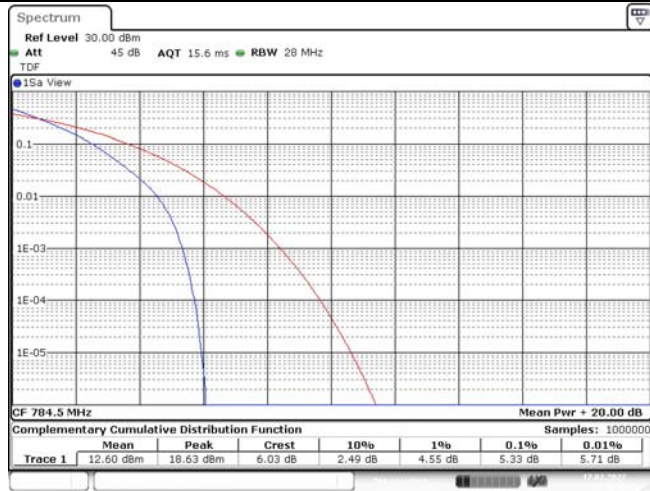
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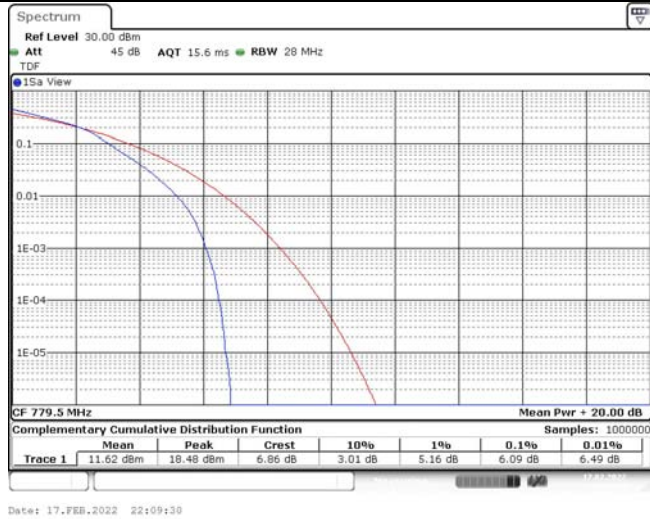


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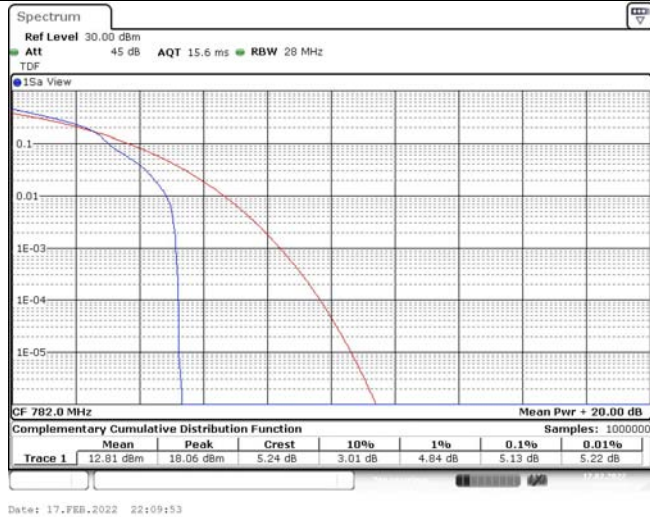
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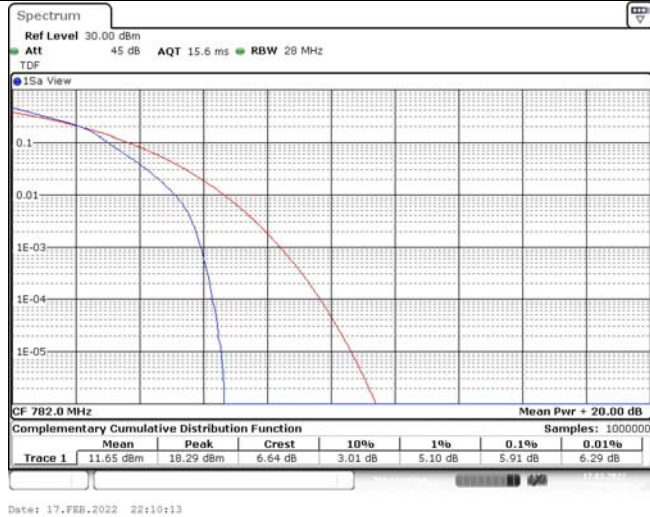
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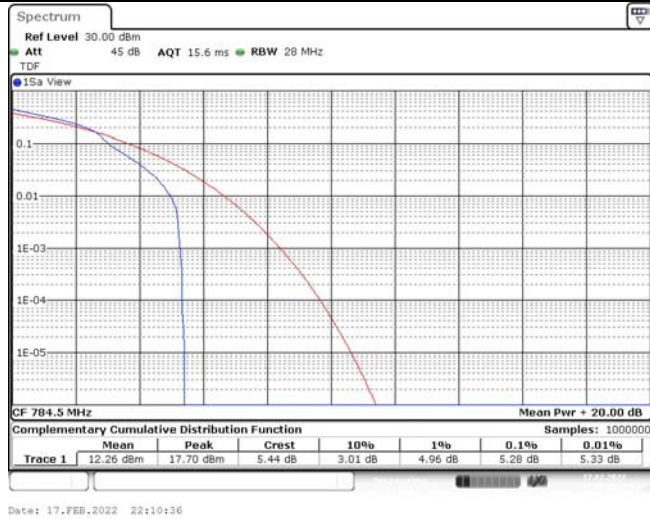
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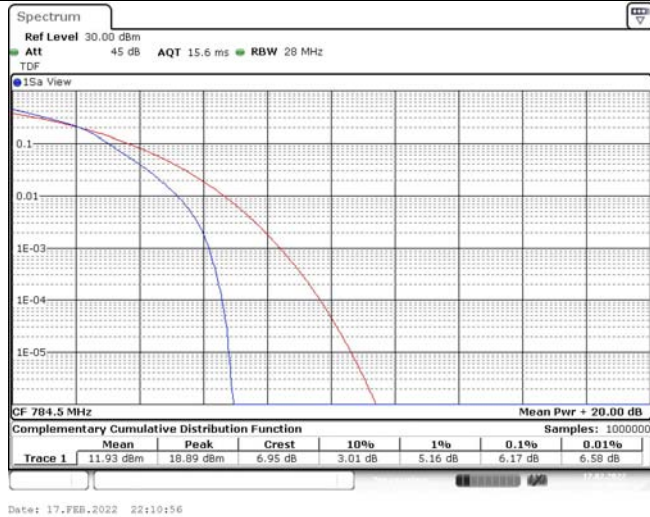
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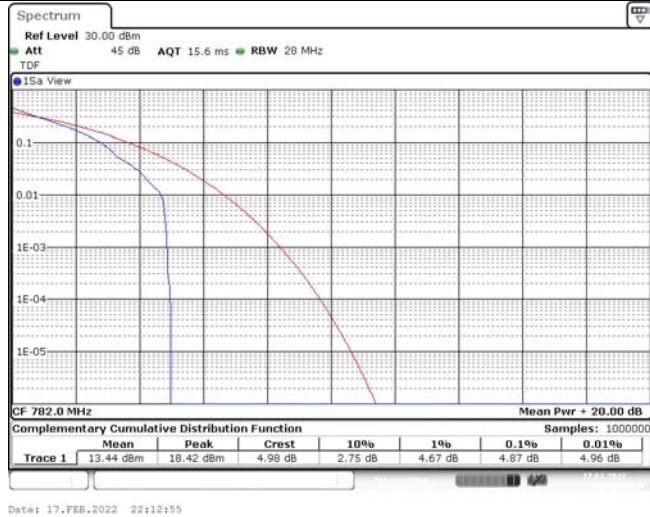
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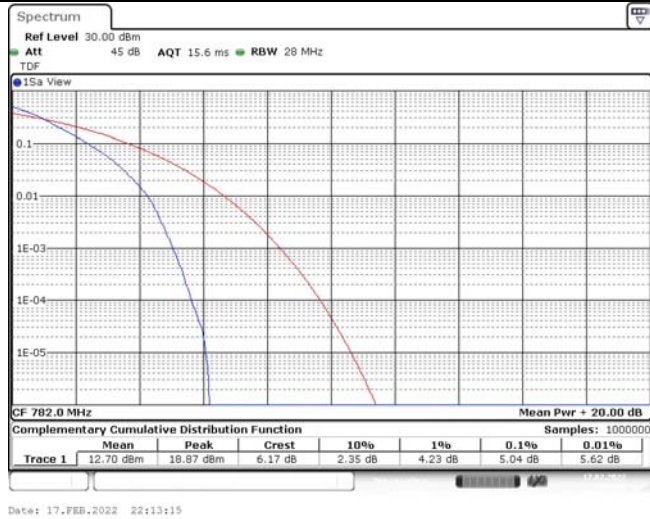
Band13-5MHz-16QAM-23255-25RB#0



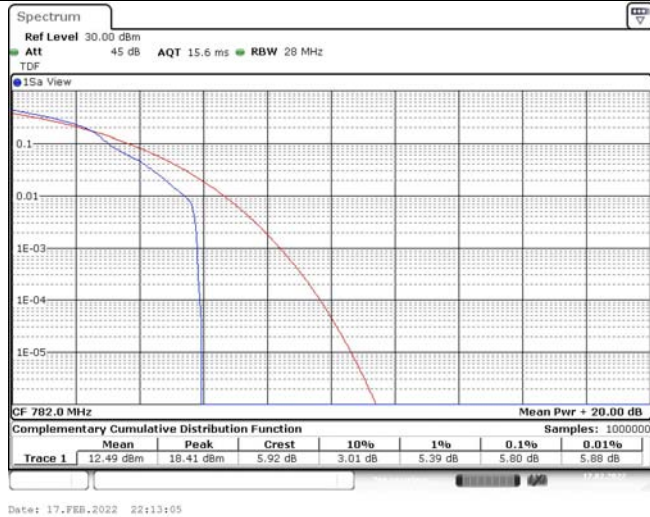
Band13-10MHz-QPSK-23230-1RB#0



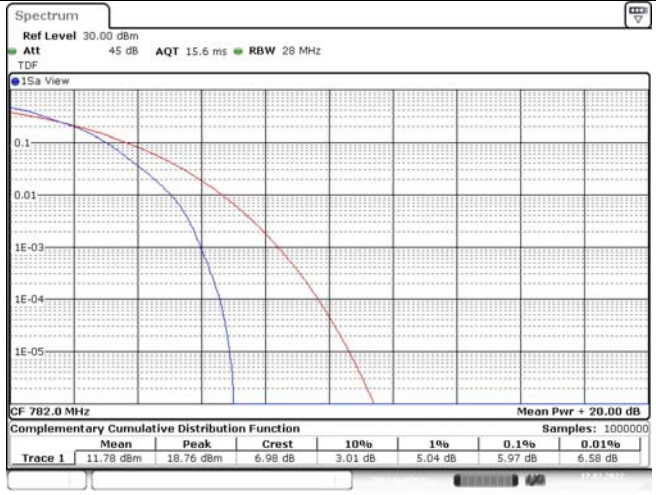
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Band13-10MHz-16QAM-23230-1RB#0



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



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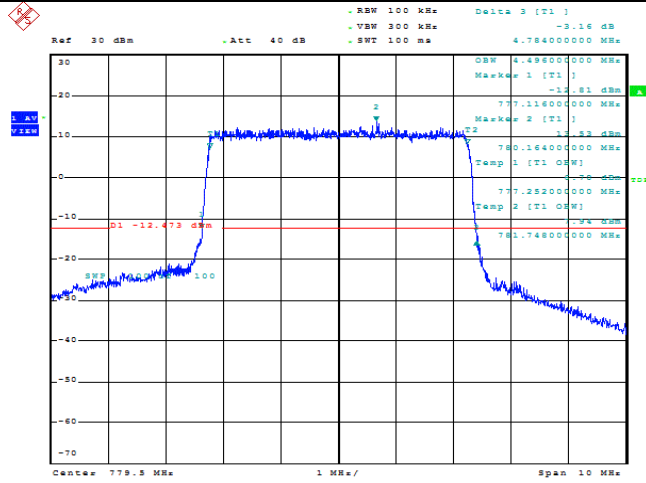
1.3. Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.496	4.784	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.512	4.784	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.504	4.784	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.512	4.784	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.496	4.784	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.52	4.792	PASS
Band13	10MHz	QPSK	23230	50RB#0	9.006	9.647	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.974	9.679	PASS

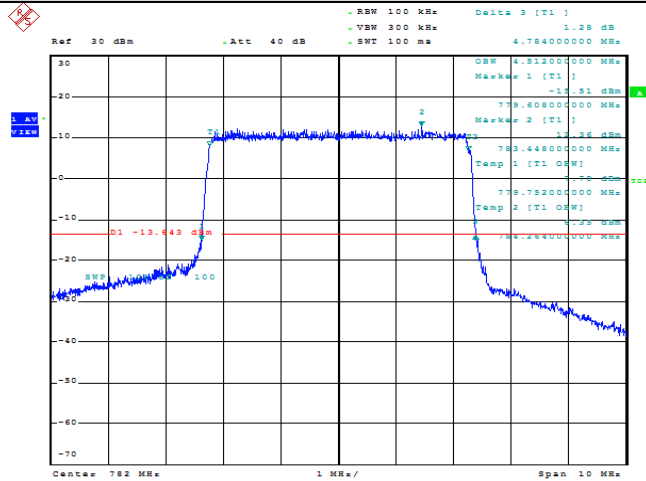
Test Graphs

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



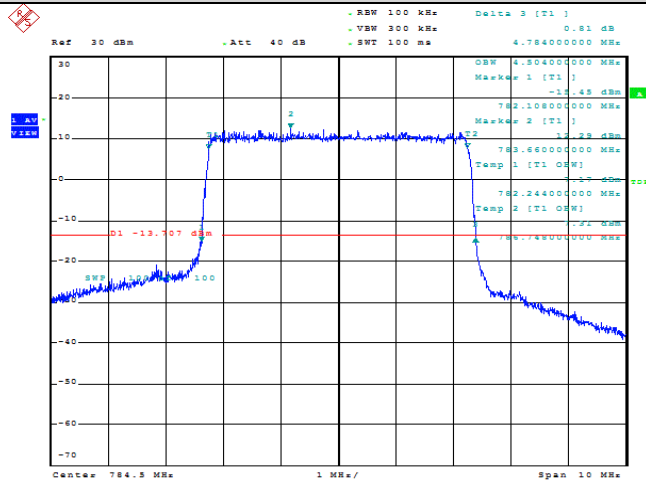
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Band13-5MHz-QPSK-23230-25RB#0-4.512



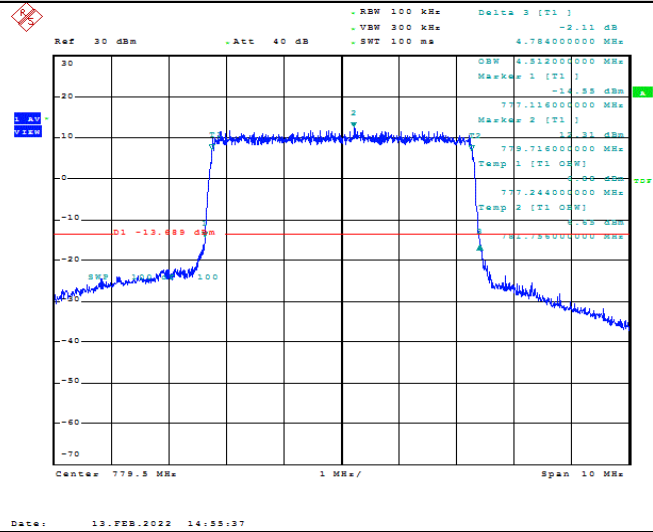
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Band13-5MHz-QPSK-23255-25RB#0-4.504

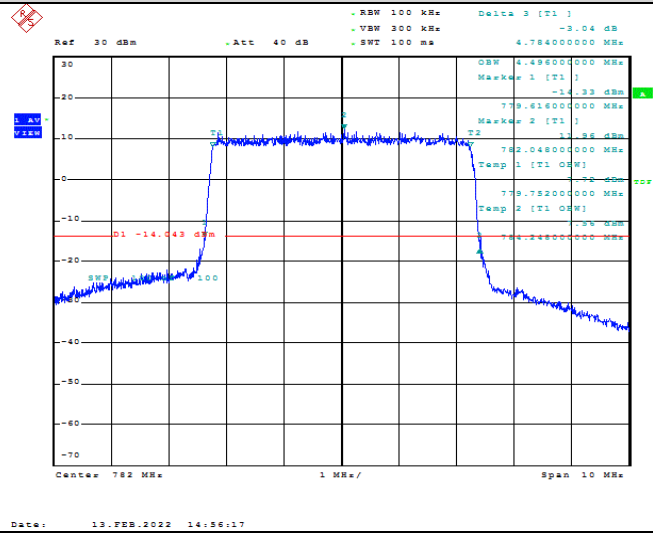


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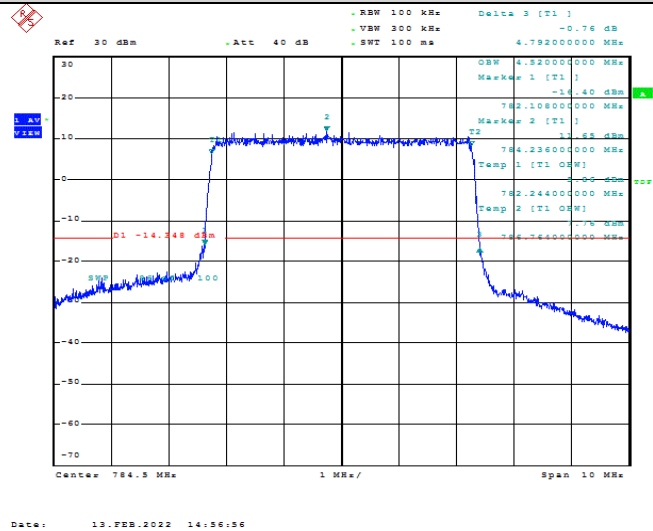
Band13-5MHz-16QAM-23205-25RB#0-4.512



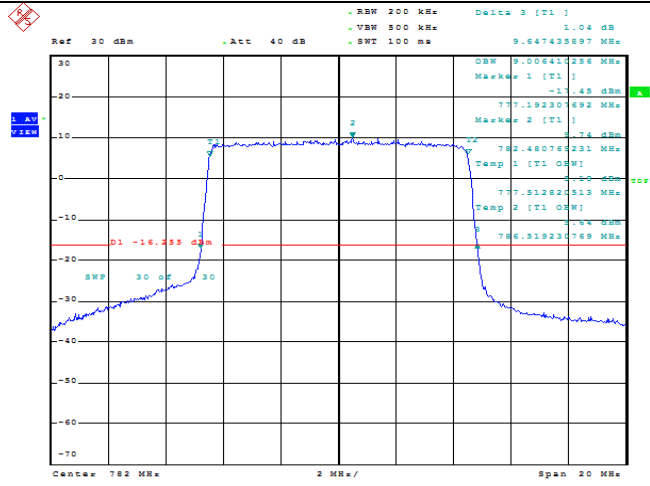
Band13-5MHz-16QAM-23230-25RB#0-4.496



Band13-5MHz-16QAM-23255-25RB#0-4.52

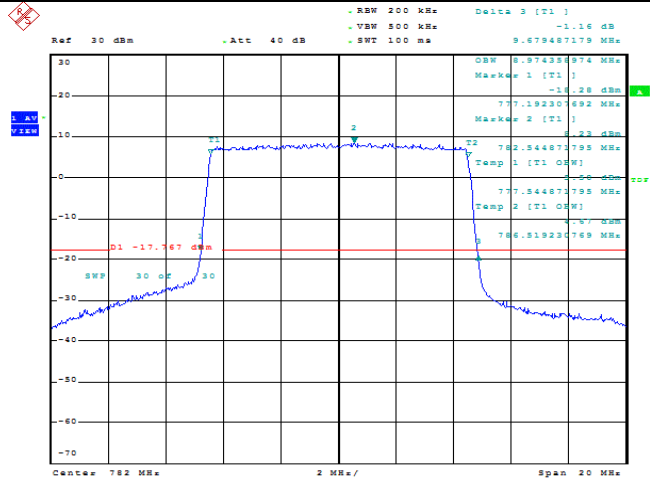


Band13-10MHz-QPSK-23230-50RB#0-9.006



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



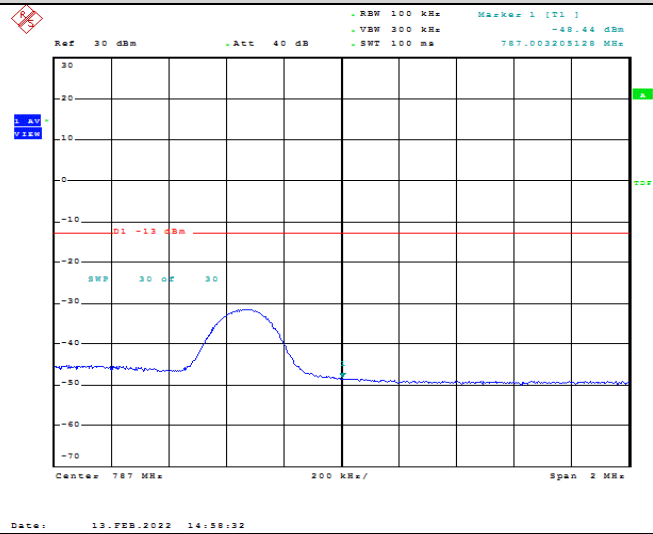
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1.4. Appendix D: Band Edge

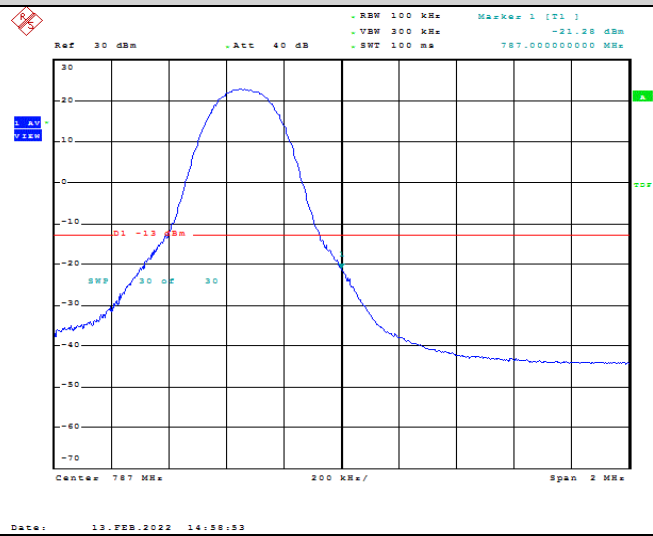
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	-21.38	PASS
Band13	5MHz	QPSK	23205	1RB#24	-48.31	PASS
Band13	5MHz	QPSK	23205	25RB#0	-23.84	PASS
Band13	5MHz	QPSK	23255	1RB#0	-48.44	PASS
Band13	5MHz	QPSK	23255	1RB#24	-21.28	PASS
Band13	5MHz	QPSK	23255	25RB#0	-26.83	PASS
Band13	5MHz	16QAM	23205	1RB#0	-22.96	PASS
Band13	5MHz	16QAM	23205	1RB#24	-48.42	PASS
Band13	5MHz	16QAM	23205	25RB#0	-24.46	PASS
Band13	5MHz	16QAM	23255	1RB#0	-48.62	PASS
Band13	5MHz	16QAM	23255	1RB#24	-23.28	PASS
Band13	5MHz	16QAM	23255	25RB#0	-26.96	PASS

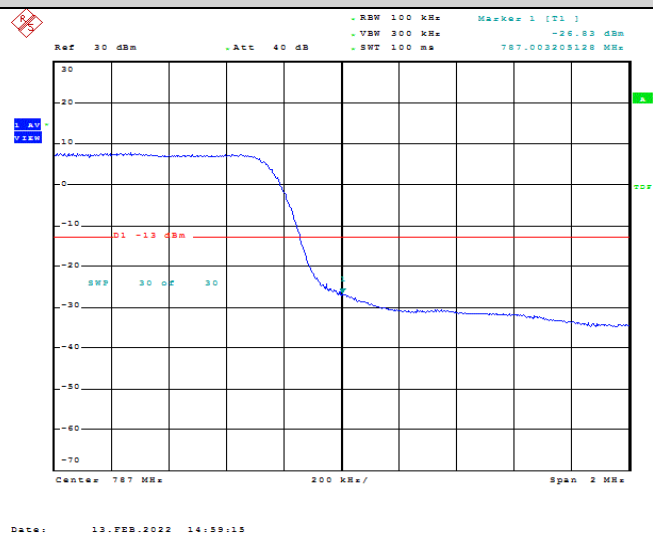
Band13-5MHz-QPSK-23255-1RB#0



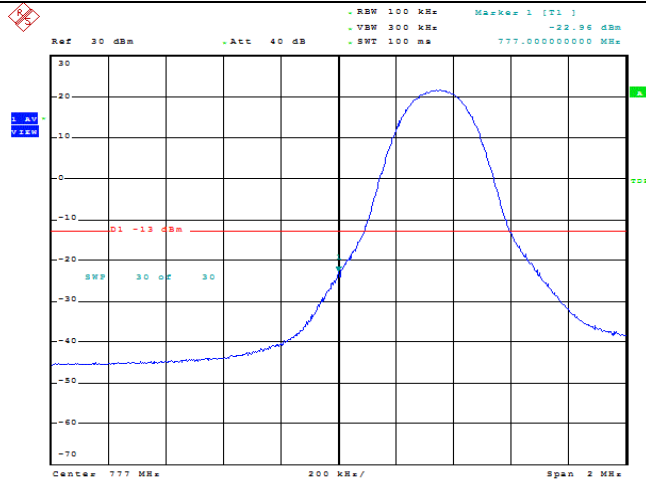
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Band13-5MHz-QPSK-23255-25RB#0

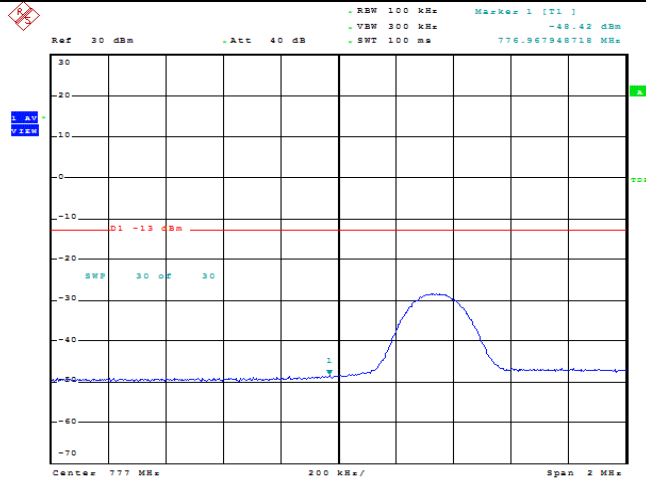


Band13-5MHz-16QAM-23205-1RB#0



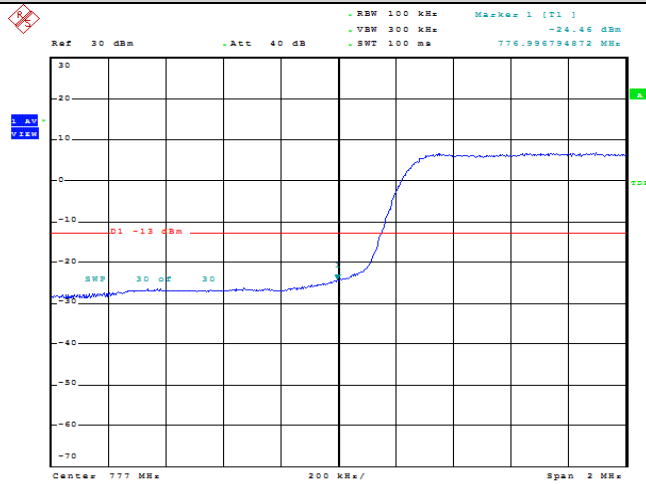
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Band13-5MHz-16QAM-23205-1RB#24



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



Date: 13.FEB.2022 14:58:08

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

1.5. Appendix E: Conducted Spurious Emission

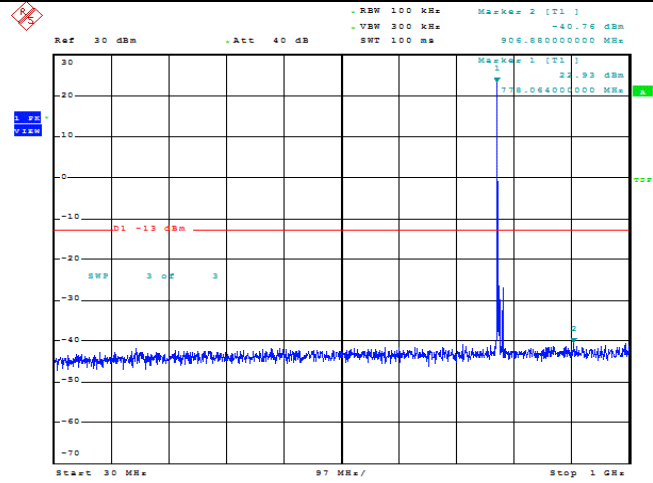
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	Range1:30~1000MHz	-40.76	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range3:763~775MHz	-51.79	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range4:793~805MHz	-70.37	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range2:1000~10000MHz	-34.03	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range1:1559~1610MHz	-58.06	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range5:1559~1610MHz	-51.34	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-41.39	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range3:763~775MHz	-51.64	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range4:793~805MHz	-70.97	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-30.91	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range1:1559~1610MHz	-50.59	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range5:1559~1610MHz	-22.89	FAIL
Band13	5MHz	QPSK	23255	1RB#0	Range1:30~1000MHz	-40.52	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range3:763~775MHz	-50.24	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range4:793~805MHz	-71.36	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range2:1000~10000MHz	-34.39	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range1:1559~1610MHz	-51.77	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range5:1559~1610MHz	-23.28	FAIL
Band13	5MHz	16QAM	23205	1RB#0	Range1:30~1000MHz	-40.64	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range3:763~775MHz	-53.84	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range4:793~805MHz	-71.73	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range2:1000~10000MHz	-35.65	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range1:1559~1610MHz	-58.17	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range5:1559~1610MHz	-51.32	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range1:30~1000MHz	-41.27	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range3:763~775MHz	-53.71	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range4:793~805MHz	-71.82	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range2:1000~10000MHz	-35.36	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range1:1559~1610MHz	-50.81	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range5:1559~1610MHz	-22.88	FAIL
Band13	5MHz	16QAM	23255	1RB#0	Range1:30~1000MHz	-40.96	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range3:763~775MHz	-52.47	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range4:793~805MHz	-71.06	PASS

Band13	5MHz	16QAM	23255	1RB#0	Range2:1000~10000MHz	-31.82	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range5:1559~1610MHz	-23.31	FAIL
Band13	5MHz	16QAM	23255	1RB#0	Range1:1559~1610MHz	-51.65	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-41.01	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range3:763~775MHz	-52.17	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range4:793~805MHz	-47.22	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-31.9	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range5:1559~1610MHz	-51.28	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range1:30~1000MHz	-40.97	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range3:763~775MHz	-53.55	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range4:793~805MHz	-47.45	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range2:1000~10000MHz	-32.33	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range5:1559~1610MHz	-51	PASS

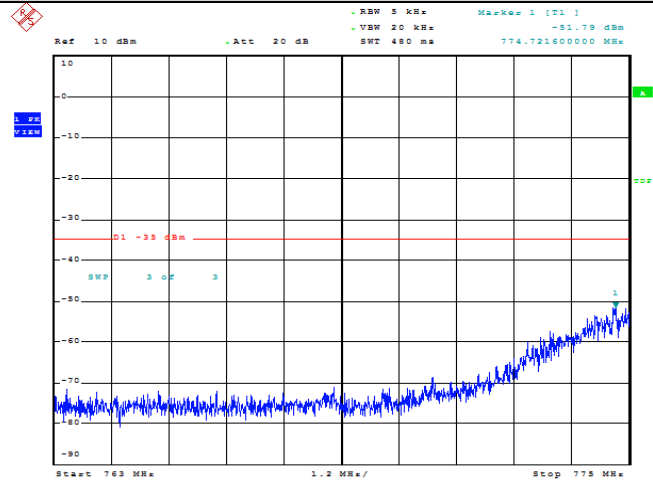
Test Graphs

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



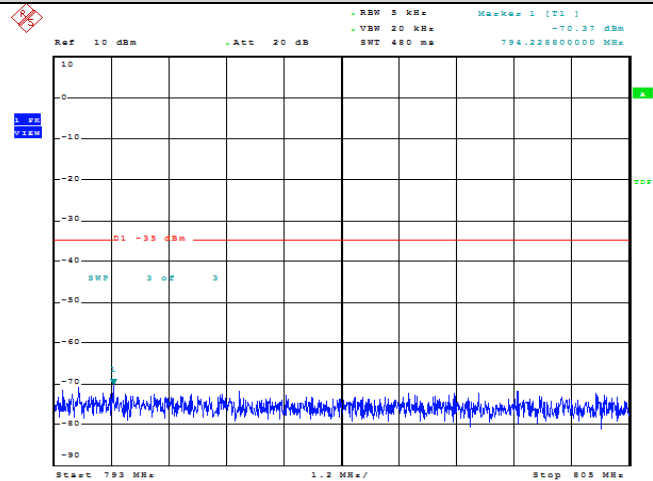
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Band13-5MHz-QPSK-23205-1RB#0-Range3:763~775MHz



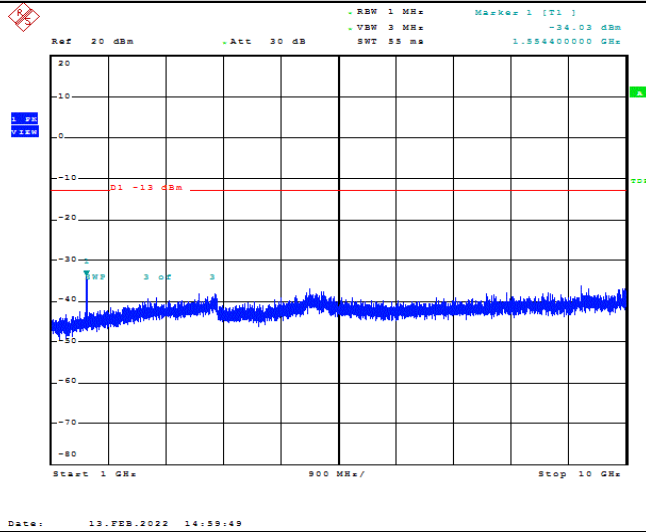
Date: 13.FEB.2022 14:59:58

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

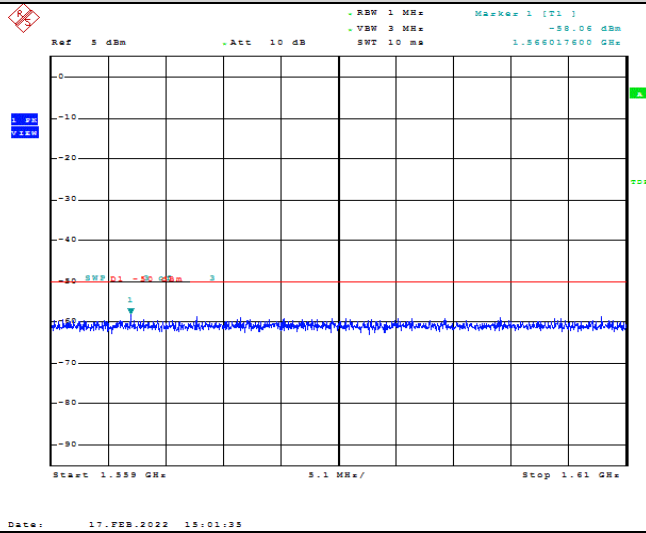


Date: 13.FEB.2022 15:00:05

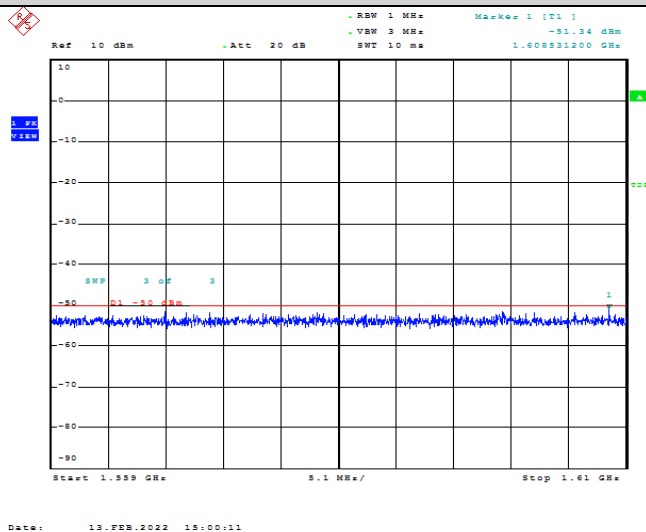
Band13-5MHz-QPSK-23205-1RB#0-Range2:1000~10000MHz



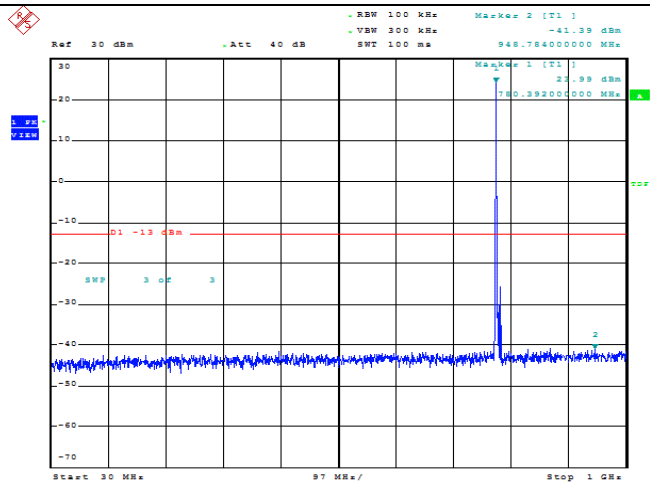
Band13-5MHz-QPSK-23205-1RB#0-Range1:1559~1610MHz



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

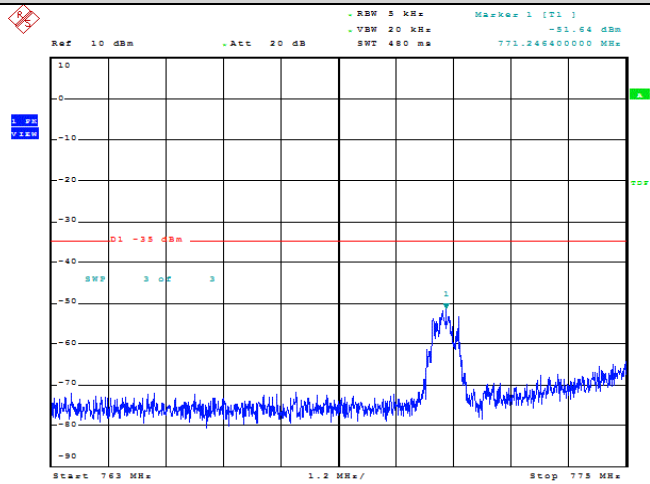


Band13-5MHz-QPSK-23230-1RB#0-Range1:30~1000MHz



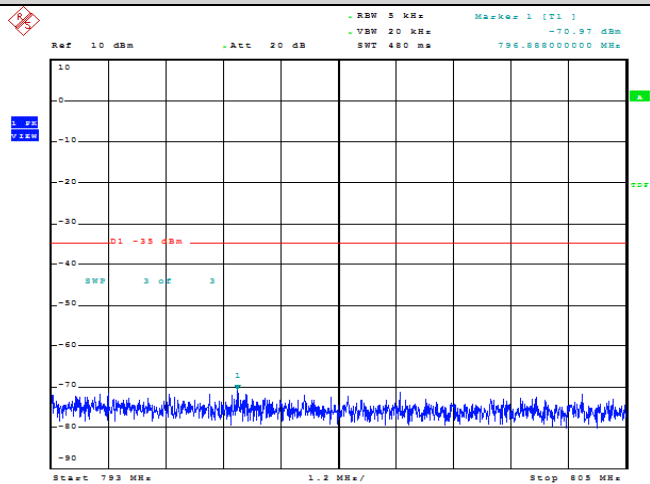
Date: 13.FEB.2022 15:01:08

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



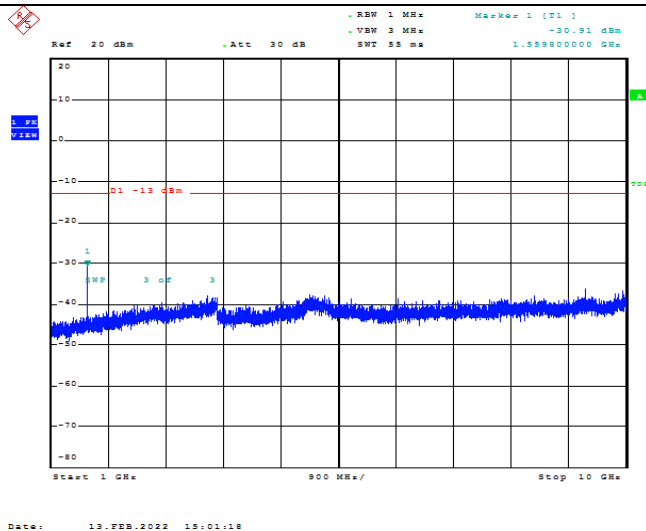
Date: 13.FEB.2022 15:01:27

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

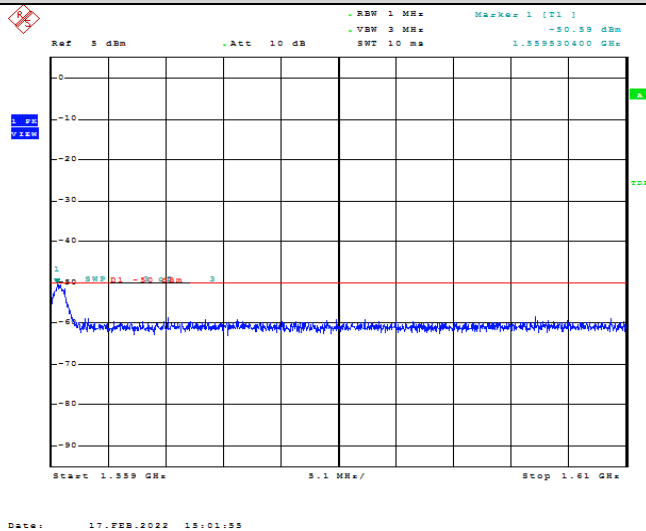


Date: 13.FEB.2022 15:01:34

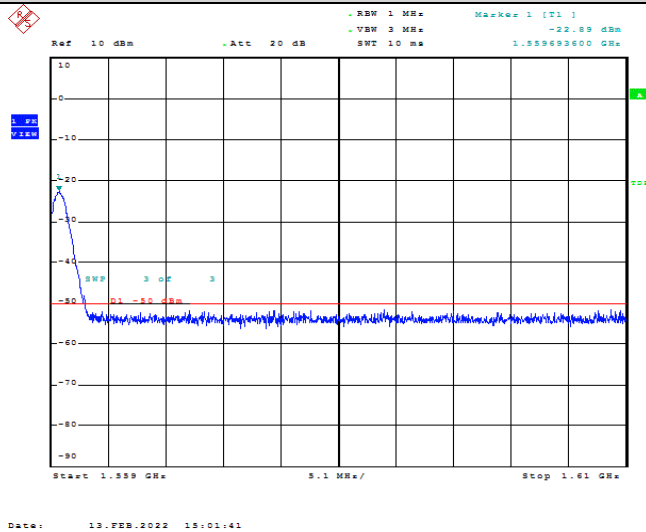
Band13-5MHz-QPSK-23230-1RB#0-Range2:1000~10000MHz



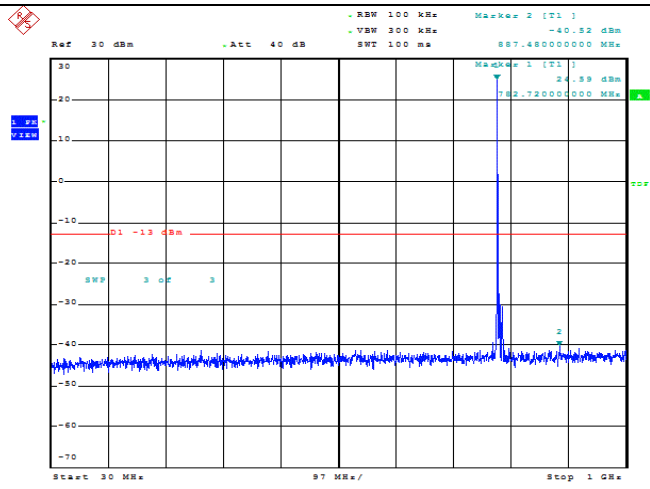
Band13-5MHz-QPSK-23230-1RB#0-Range1:1559~1610MHz



Band13-5MHz-QPSK-23230-1RB#0-Range5:1559~1610MHz

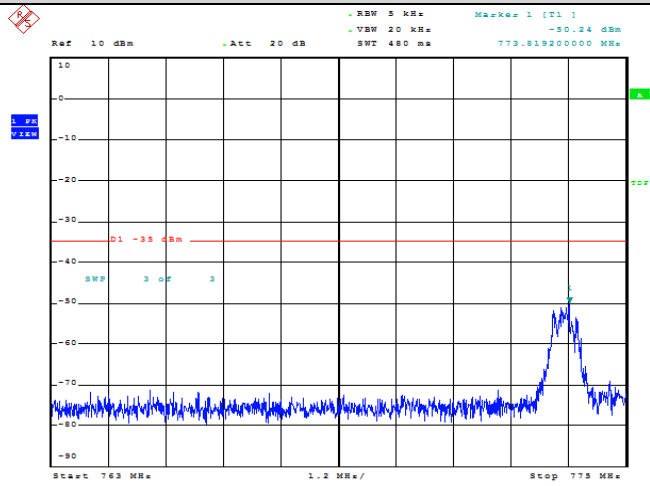


Band13-5MHz-QPSK-23255-1RB#0-Range1:30~1000MHz



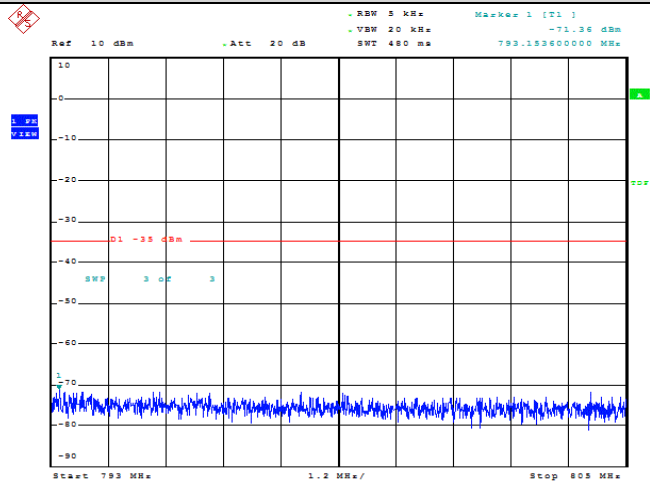
Date: 13.FEB.2022 15:02:37

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



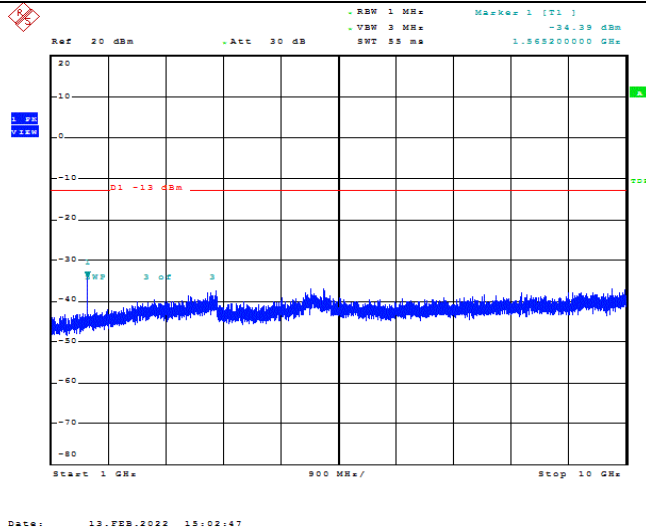
Date: 13.FEB.2022 15:02:56

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

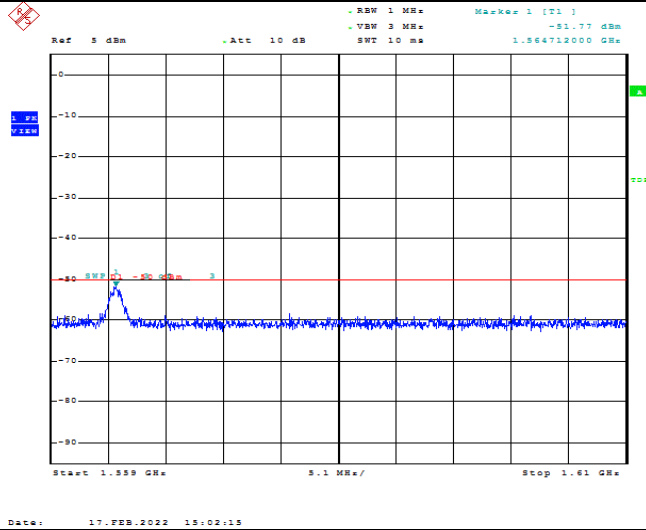


Date: 13.FEB.2022 15:03:03

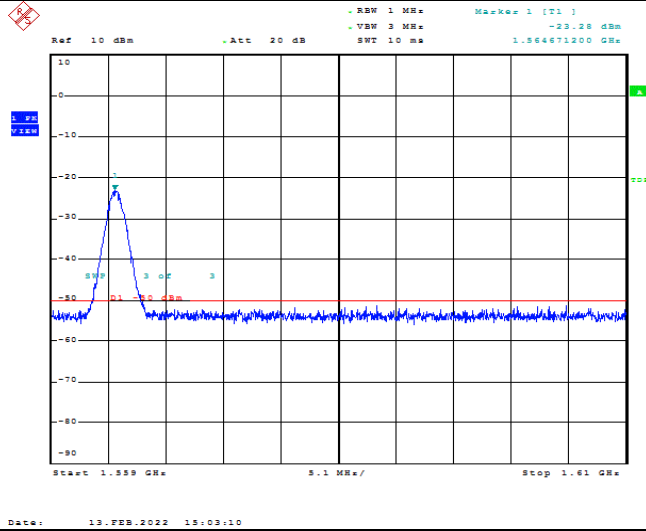
Band13-5MHz-QPSK-23255-1RB#0-Range2:1000~10000MHz



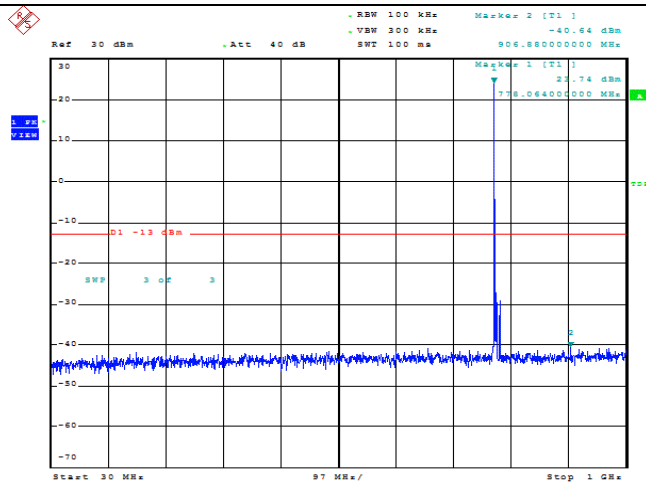
Band13-5MHz-QPSK-23255-1RB#0-Range1:1559~1610MHz



Band13-5MHz-QPSK-23255-1RB#0-Range5:1559~1610MHz

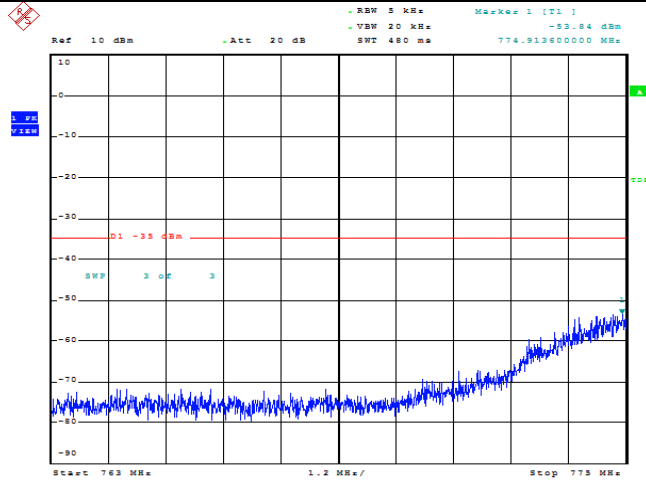


Band13-5MHz-16QAM-23205-1RB#0-Range1:30~1000MHz



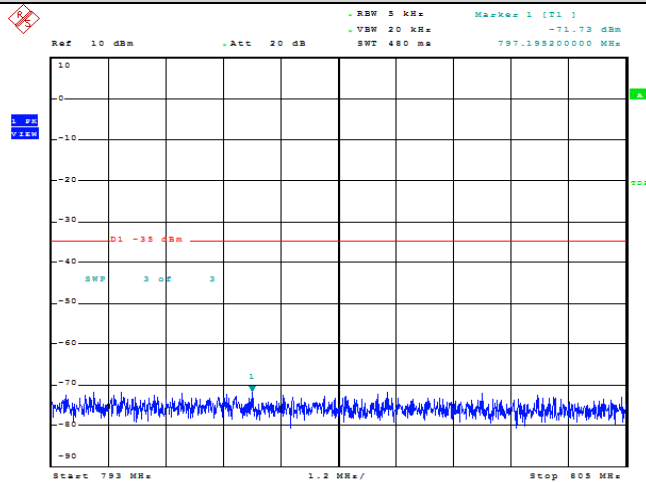
Date: 13.FEB.2022 15:00:22

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



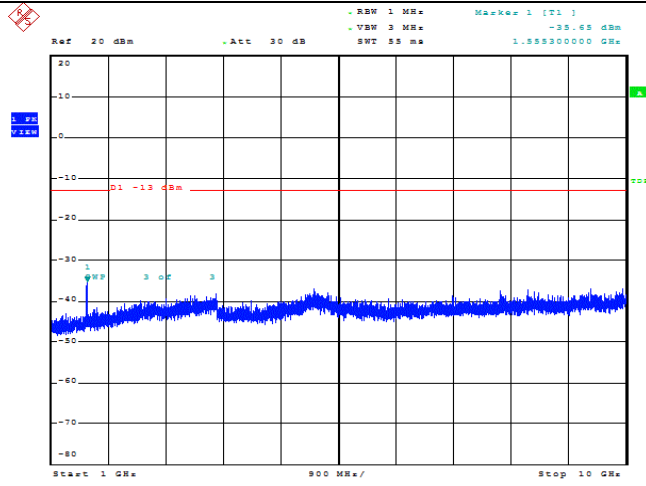
Date: 13.FEB.2022 15:00:41

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



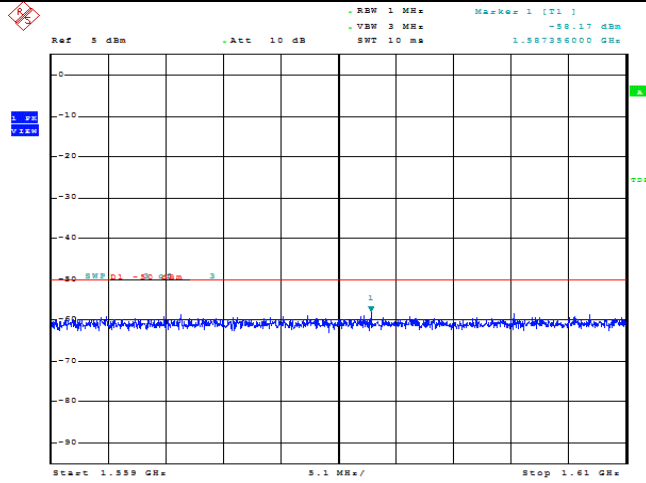
Date: 13.FEB.2022 15:00:48

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



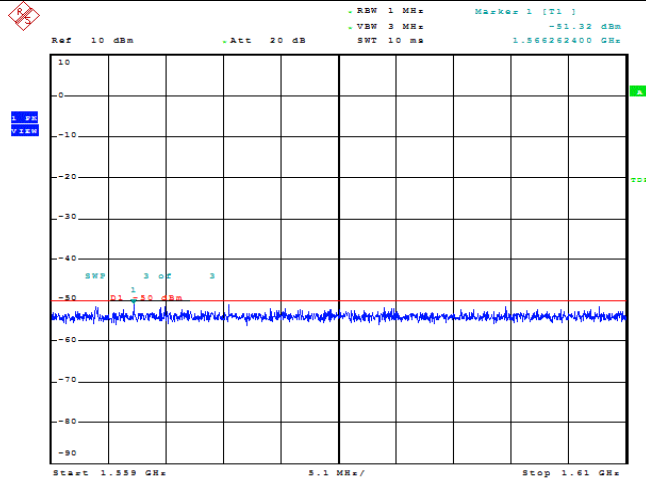
Date: 13.FEB.2022 15:00:32

Band13-5MHz-16QAM-23205-1RB#0-Range1:1559~1610MHz



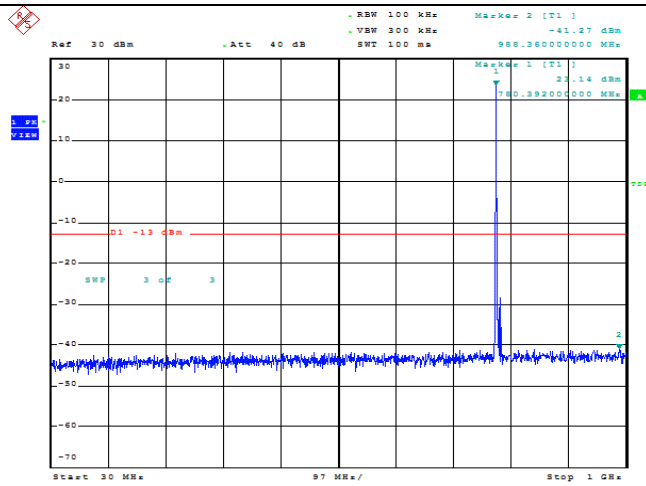
Date: 17.FEB.2022 15:01:44

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



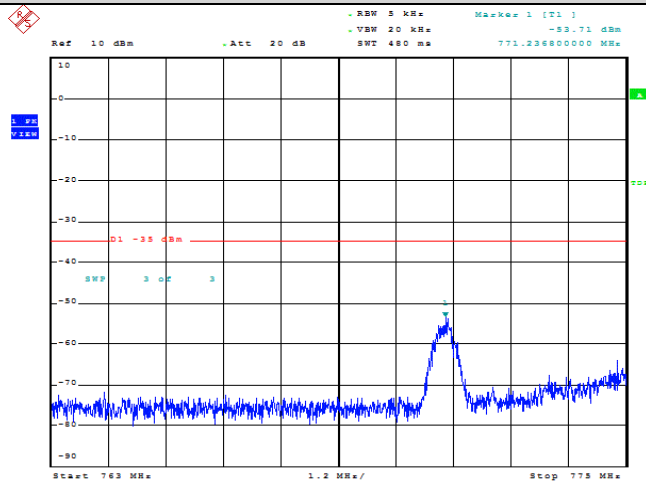
Date: 13.FEB.2022 15:00:55

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



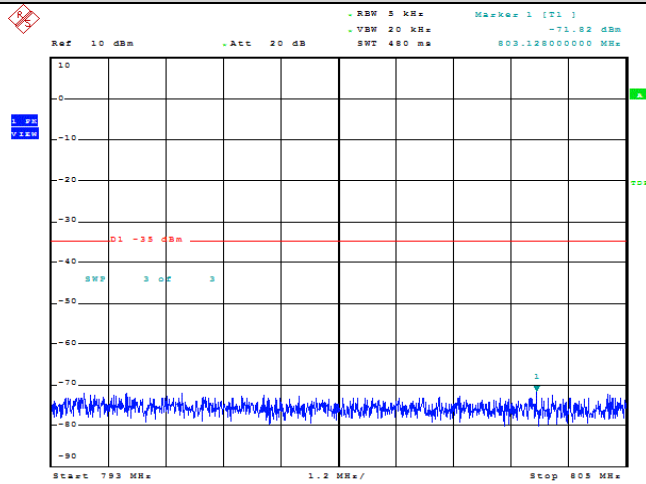
Date: 13.FEB.2022 15:01:52

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



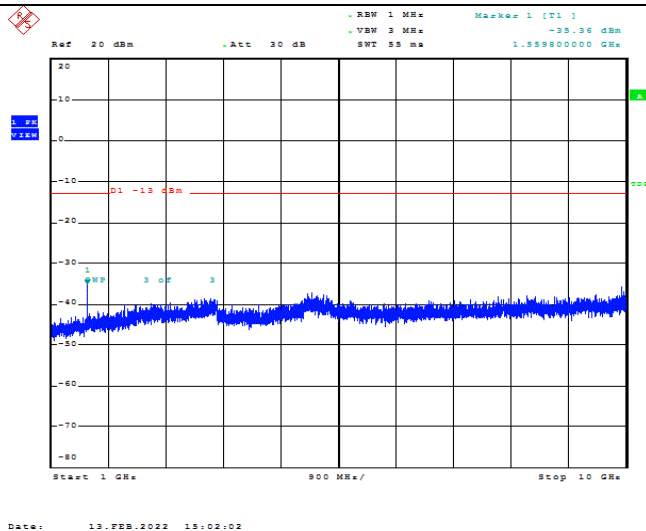
Date: 13.FEB.2022 15:02:11

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

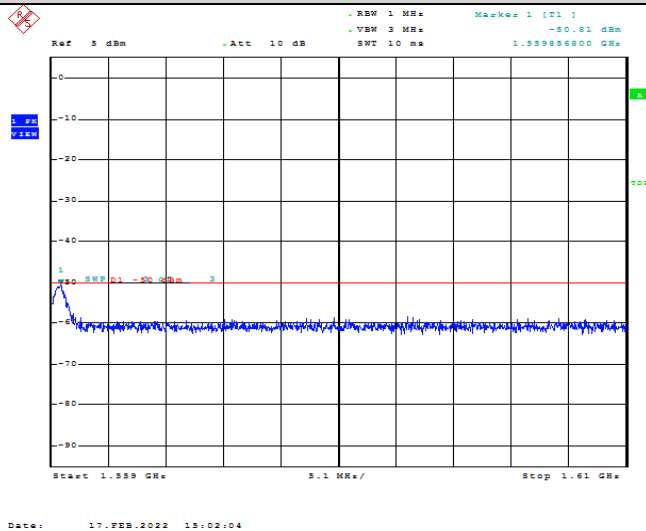


Date: 13.FEB.2022 15:02:17

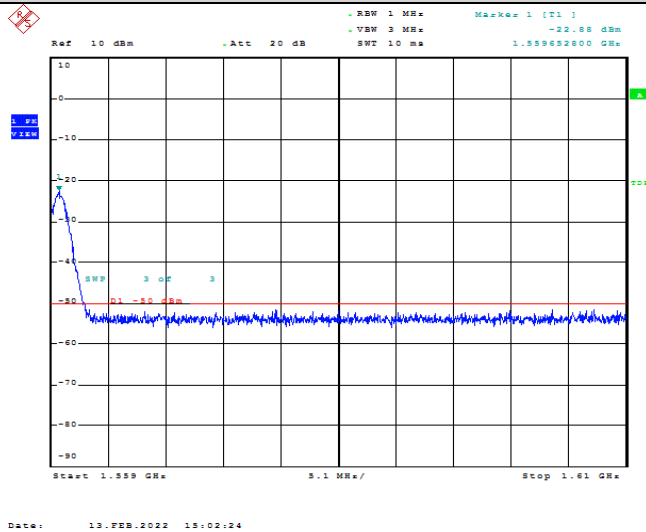
Band13-5MHz-16QAM-23230-1RB#0-Range2:1000~10000MHz



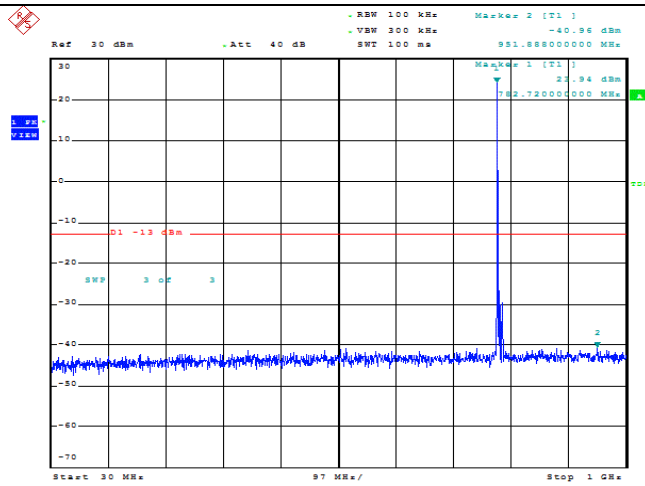
Band13-5MHz-16QAM-23230-1RB#0-Range1:1559~1610MHz



Band13-5MHz-16QAM-23230-1RB#0-Range5:1559~1610MHz

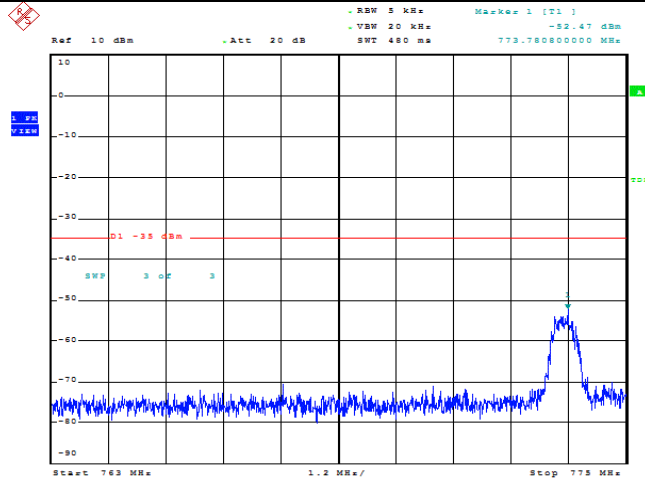


Band13-5MHz-16QAM-23255-1RB#0-Range1:30~1000MHz



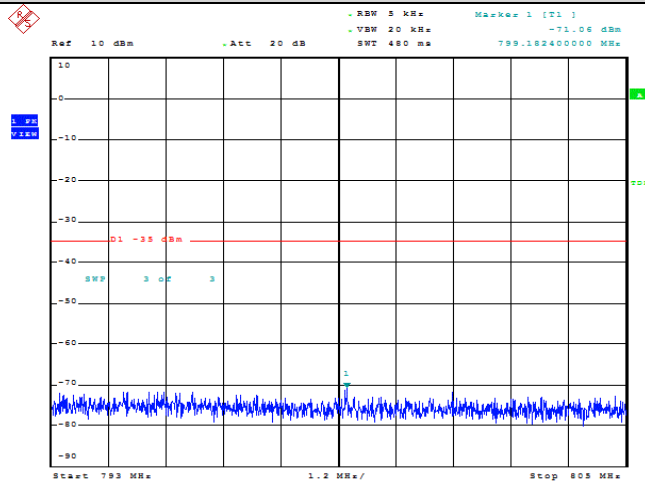
Date: 13.FEB.2022 15:03:21

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



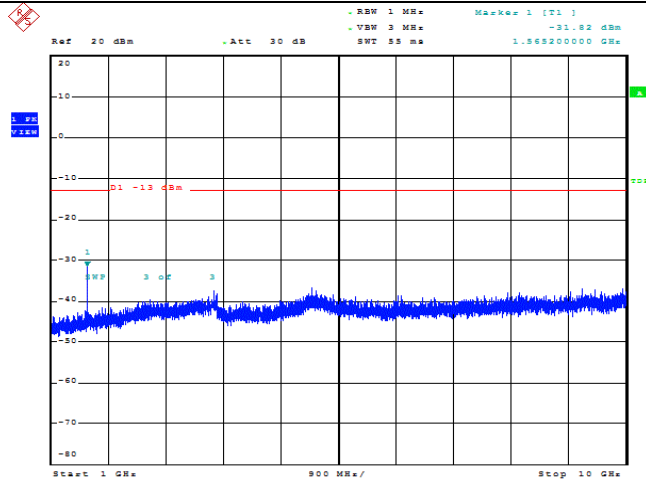
Date: 13.FEB.2022 15:03:40

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



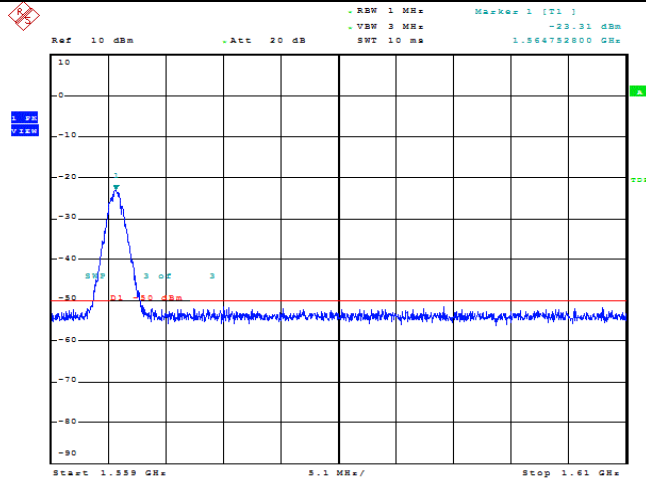
Date: 13.FEB.2022 15:03:46

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



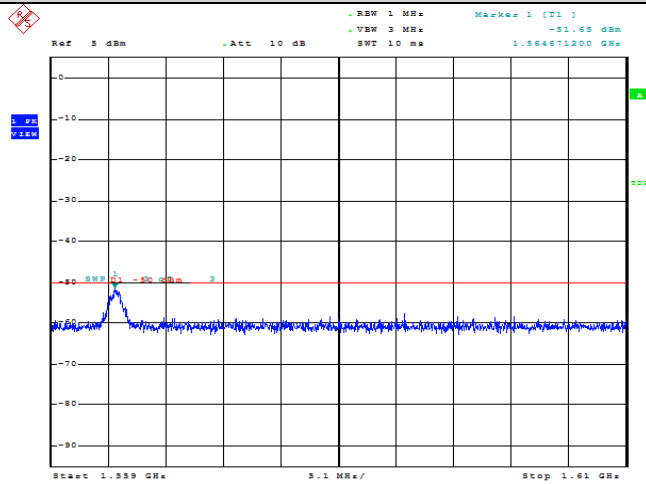
Date: 13.FEB.2022 15:03:31

Band13-5MHz-16QAM-23255-1RB#0-Range5:1559~1610MHz



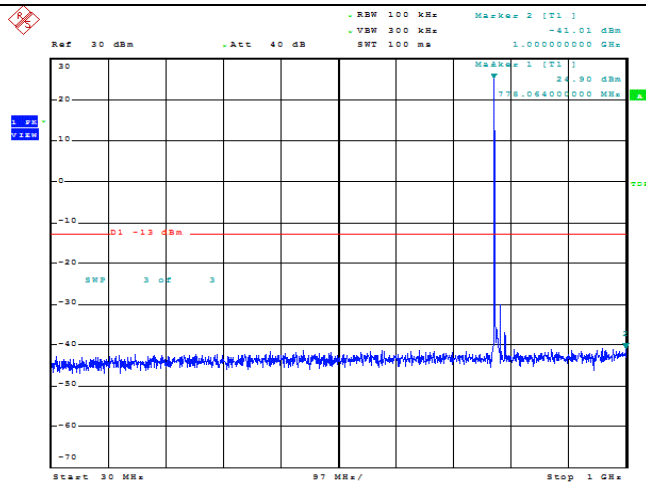
Date: 13.FEB.2022 15:03:53

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



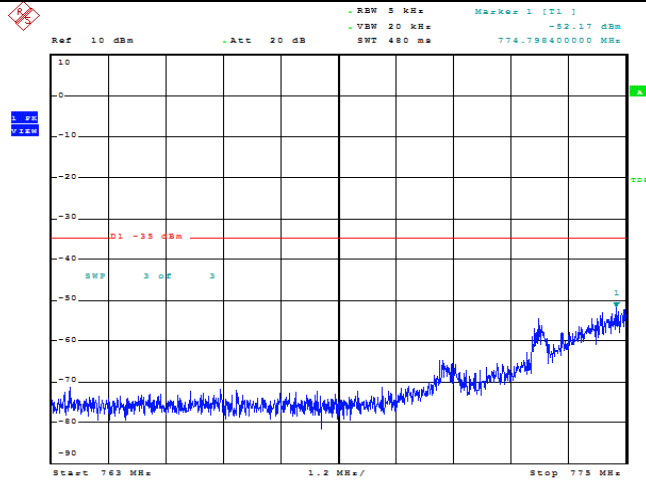
Date: 17.FEB.2022 15:02:23

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



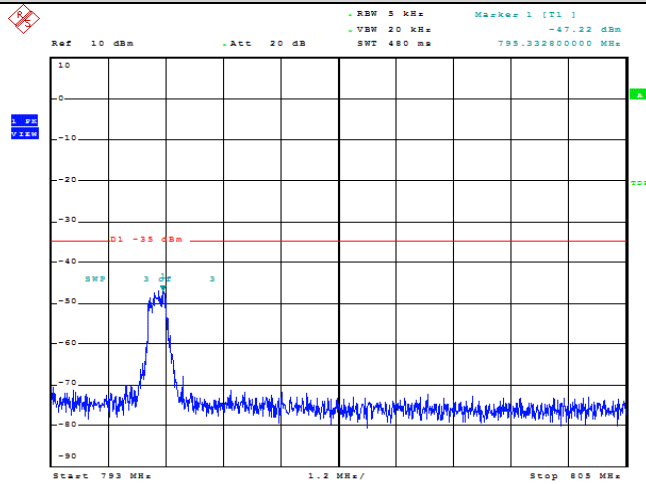
Date: 13.FEB.2022 15:17:35

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



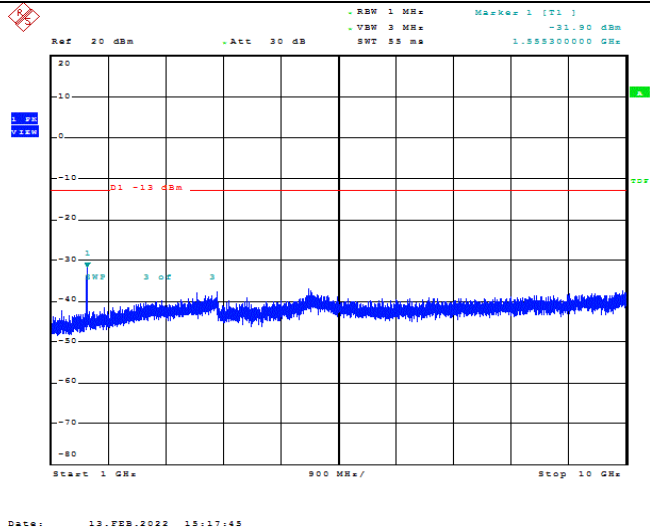
Date: 13.FEB.2022 15:17:53

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

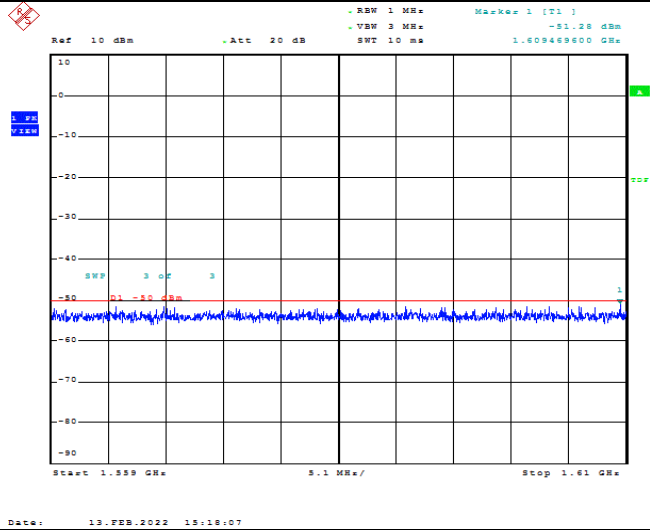


Date: 13.FEB.2022 15:18:00

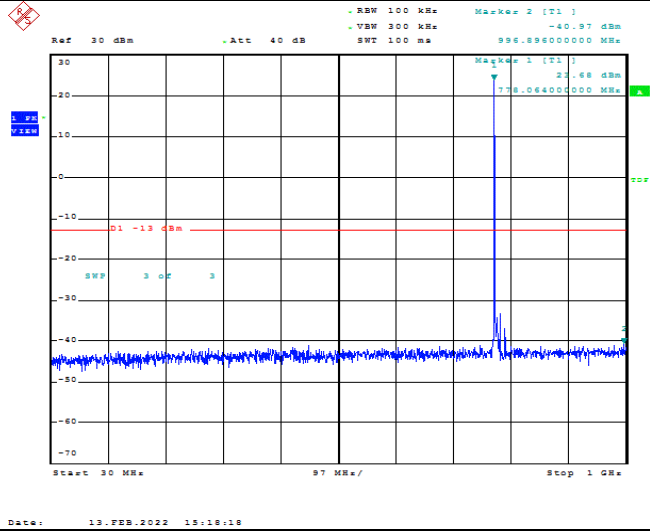
Band13-10MHz-QPSK-23230-1RB#0-Range2:1000~10000MHz



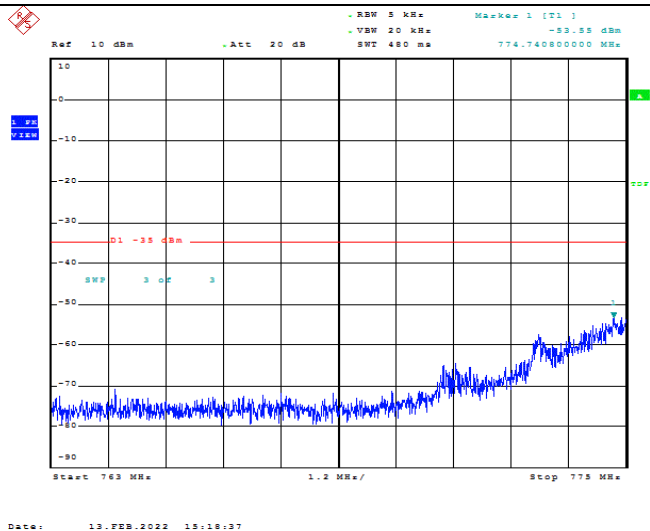
Band13-10MHz-QPSK-23230-1RB#0-Range5:1559~1610MHz



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

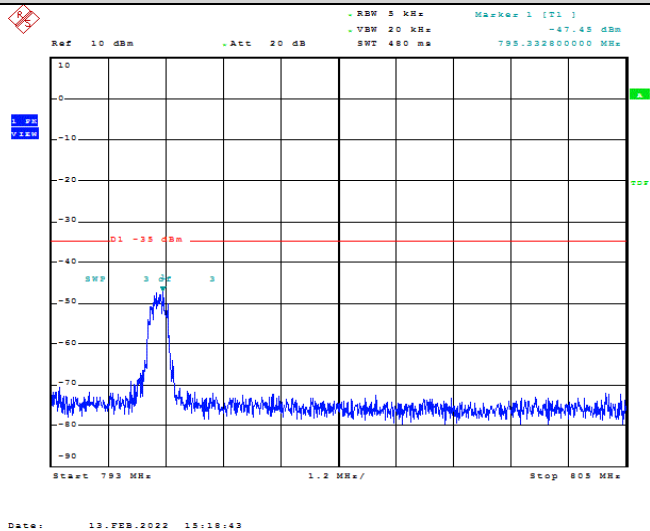


Band13-10MHz-16QAM-23230-1RB#0-Range3:763~775MHz



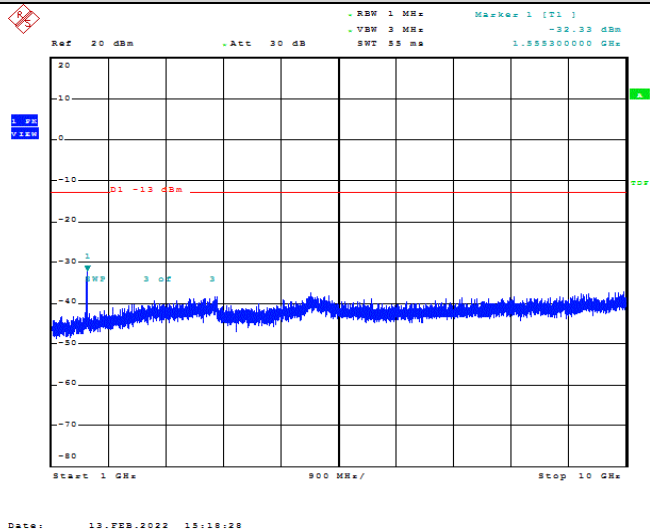
Date: 13.FEB.2022 15:18:37

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



Date: 13.FEB.2022 15:18:43

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



Date: 13.FEB.2022 15:18:28

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	-2.09	-0.002681	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VN	NT	-3.40	-0.004362	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VH	NT	-4.12	-0.005285	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VL	NT	-2.00	-0.002558	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VN	NT	-2.02	-0.002583	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VH	NT	1.63	0.002084	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VL	NT	-3.32	-0.004232	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VN	NT	-1.87	-0.002384	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VH	NT	-1.14	-0.001453	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VL	NT	-5.65	-0.007248	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VN	NT	-3.35	-0.004298	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VH	NT	-2.78	-0.003566	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VL	NT	-2.29	-0.002928	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VN	NT	-2.33	-0.002980	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VH	NT	-2.32	-0.002967	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VL	NT	-1.97	-0.002511	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VN	NT	-1.80	-0.002294	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VH	NT	-1.69	-0.002154	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VL	NT	-2.35	-0.003005	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VN	NT	2.20	0.002813	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VH	NT	-1.13	-0.001445	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VL	NT	-2.68	-0.003427	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VN	NT	-1.49	-0.001905	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VH	NT	1.02	0.001304	±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	-3.18	-0.004080	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-10	-1.90	-0.002437	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	0	-3.60	-0.004618	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	10	-3.35	-0.004298	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	20	-2.93	-0.003759	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	30	-2.53	-0.003246	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	40	-2.40	-0.003079	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	50	-3.43	-0.004400	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	65	-2.93	-0.003759	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-20	1.89	0.002417	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-10	1.22	0.001560	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	0	-3.45	-0.004412	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	10	1.60	0.002046	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	20	2.12	0.002711	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	30	-2.90	-0.003708	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	40	-2.25	-0.002877	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	50	-2.00	-0.002558	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	65	-3.59	-0.004591	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-20	-1.33	-0.001695	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-10	1.27	0.001619	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	0	-1.66	-0.002116	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	10	-1.24	-0.001581	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	20	-1.62	-0.002065	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	30	-1.75	-0.002231	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	40	-2.17	-0.002766	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	50	-1.99	-0.002537	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	65	1.47	0.001874	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-20	-4.15	-0.005324	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-10	-2.82	-0.003618	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	0	-3.69	-0.004734	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	10	-3.93	-0.005042	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	20	-3.85	-0.004939	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	30	-2.90	-0.003720	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	40	-3.56	-0.004567	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	50	-3.10	-0.003977	±2.5	PASS

Band13	5MHz	16QAM	23205	25RB#0	NV	65	-1.93	-0.002476	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-20	-2.26	-0.002890	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-10	-2.50	-0.003197	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	0	-1.92	-0.002455	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	10	-1.47	-0.001880	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	20	-1.22	-0.001560	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	30	-2.52	-0.003223	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	40	-1.65	-0.002110	±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	65	1.97	0.002519	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-20	2.76	0.003518	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-10	2.23	0.002843	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	0	-2.46	-0.003136	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	10	-1.34	-0.001708	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	20	-3.30	-0.004207	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	30	-1.22	-0.001555	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	40	-2.92	-0.003722	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	50	-2.36	-0.003008	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	65	-1.96	-0.002498	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-20	1.40	0.001790	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-10	2.29	0.002928	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	0	-2.52	-0.003223	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	-2.12	-0.002711	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	-3.45	-0.004412	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	30	-1.42	-0.001816	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	40	-3.00	-0.003836	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	50	-2.59	-0.003312	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	65	-1.60	-0.002046	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-20	-1.24	-0.001586	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-10	-1.23	-0.001573	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	0	-2.59	-0.003312	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	10	-3.49	-0.004463	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	20	-1.92	-0.002455	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	30	-2.49	-0.003184	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	40	-1.87	-0.002391	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	50	1.85	0.002366	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	65	-3.19	-0.004079	±2.5	PASS

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