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## **Appendix for LTE Band 13**

**Applicant: HONGKONG UCLOUDLINK NETWORK TECHNOLOGY  
LIMITED**

**Address: Suite 603, 6/F, Laws Commercial Plaza, 788 Cheung  
Sha Wan Road, Kowloon, Hong Kong**

**Product Name: 4G LTE Wireless Router**

**Model: GLMR21A02**

**FCC ID: 2AC88-GLMR21A02**

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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#0	24.82	PASS
Band13	5MHz	QPSK	23205	1RB#12	25.20	PASS
Band13	5MHz	QPSK	23205	1RB#24	25.11	PASS
Band13	5MHz	QPSK	23205	12RB#0	23.89	PASS
Band13	5MHz	QPSK	23205	12RB#6	23.77	PASS
Band13	5MHz	QPSK	23205	12RB#13	23.86	PASS
Band13	5MHz	QPSK	23205	25RB#0	23.94	PASS
Band13	5MHz	QPSK	23230	1RB#0	25.01	PASS
Band13	5MHz	QPSK	23230	1RB#12	25.14	PASS
Band13	5MHz	QPSK	23230	1RB#24	24.95	PASS
Band13	5MHz	QPSK	23230	12RB#0	24.06	PASS
Band13	5MHz	QPSK	23230	12RB#6	24.01	PASS
Band13	5MHz	QPSK	23230	12RB#13	23.92	PASS
Band13	5MHz	QPSK	23230	25RB#0	23.89	PASS
Band13	5MHz	QPSK	23255	1RB#0	24.88	PASS
Band13	5MHz	QPSK	23255	1RB#12	24.94	PASS
Band13	5MHz	QPSK	23255	1RB#24	24.73	PASS
Band13	5MHz	QPSK	23255	12RB#0	23.96	PASS
Band13	5MHz	QPSK	23255	12RB#6	23.93	PASS
Band13	5MHz	QPSK	23255	12RB#13	23.92	PASS
Band13	5MHz	QPSK	23255	25RB#0	23.97	PASS
Band13	5MHz	16QAM	23205	1RB#0	23.64	PASS
Band13	5MHz	16QAM	23205	1RB#12	23.90	PASS
Band13	5MHz	16QAM	23205	1RB#24	23.73	PASS
Band13	5MHz	16QAM	23205	12RB#0	23.78	PASS
Band13	5MHz	16QAM	23205	12RB#6	23.84	PASS
Band13	5MHz	16QAM	23205	12RB#13	23.91	PASS
Band13	5MHz	16QAM	23205	25RB#0	23.20	PASS
Band13	5MHz	16QAM	23230	1RB#0	23.95	PASS
Band13	5MHz	16QAM	23230	1RB#12	24.02	PASS
Band13	5MHz	16QAM	23230	1RB#24	23.86	PASS
Band13	5MHz	16QAM	23230	12RB#0	24.03	PASS
Band13	5MHz	16QAM	23230	12RB#6	23.99	PASS

Band13	5MHz	16QAM	23230	12RB#13	23.90	PASS
Band13	5MHz	16QAM	23230	25RB#0	22.88	PASS
Band13	5MHz	16QAM	23255	1RB#0	23.94	PASS
Band13	5MHz	16QAM	23255	1RB#12	23.92	PASS
Band13	5MHz	16QAM	23255	1RB#24	23.82	PASS
Band13	5MHz	16QAM	23255	12RB#0	23.94	PASS
Band13	5MHz	16QAM	23255	12RB#6	24.02	PASS
Band13	5MHz	16QAM	23255	12RB#13	23.92	PASS
Band13	5MHz	16QAM	23255	25RB#0	22.99	PASS
Band13	10MHz	QPSK	23230	1RB#0	25.06	PASS
Band13	10MHz	QPSK	23230	1RB#24	25.42	PASS
Band13	10MHz	QPSK	23230	1RB#49	24.96	PASS
Band13	10MHz	QPSK	23230	25RB#0	24.24	PASS
Band13	10MHz	QPSK	23230	25RB#12	24.21	PASS
Band13	10MHz	QPSK	23230	25RB#25	24.17	PASS
Band13	10MHz	QPSK	23230	50RB#0	24.16	PASS
Band13	10MHz	16QAM	23230	1RB#0	23.84	PASS
Band13	10MHz	16QAM	23230	1RB#24	24.24	PASS
Band13	10MHz	16QAM	23230	1RB#49	23.81	PASS
Band13	10MHz	16QAM	23230	25RB#0	24.22	PASS
Band13	10MHz	16QAM	23230	25RB#12	24.22	PASS
Band13	10MHz	16QAM	23230	25RB#25	24.17	PASS
Band13	10MHz	16QAM	23230	50RB#0	23.29	PASS

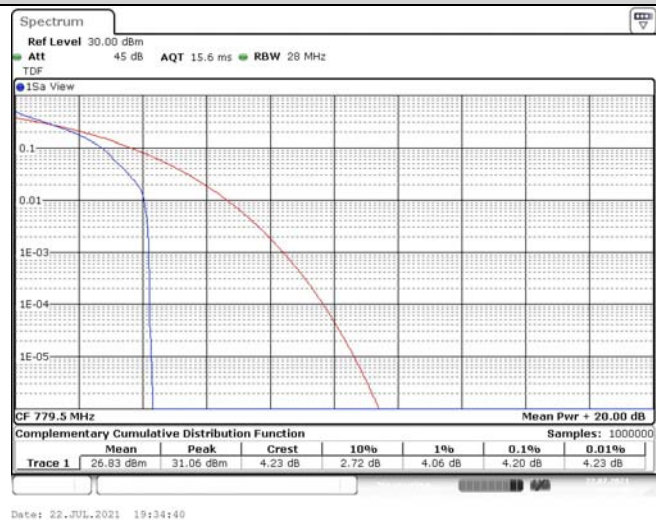
## 1.2. Appendix B: Peak-to-Average Ratio(CCDF)

### Test Result

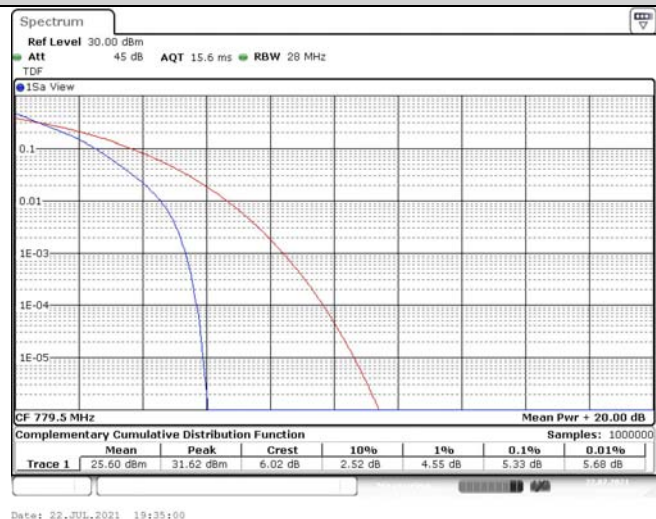
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	4.20	13	PASS
Band13	5MHz	QPSK	23205	25RB#0	5.33	13	PASS
Band13	5MHz	QPSK	23230	1RB#0	4.70	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	5.45	13	PASS
Band13	5MHz	QPSK	23255	1RB#0	4.81	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	5.45	13	PASS
Band13	5MHz	16QAM	23205	1RB#0	5.42	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	6.20	13	PASS
Band13	5MHz	16QAM	23230	1RB#0	5.62	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	6.29	13	PASS
Band13	5MHz	16QAM	23255	1RB#0	5.74	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	6.32	13	PASS
Band13	10MHz	QPSK	23230	1RB#0	4.35	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.28	13	PASS
Band13	10MHz	16QAM	23230	1RB#0	5.33	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	6.20	13	PASS

Test Graphs

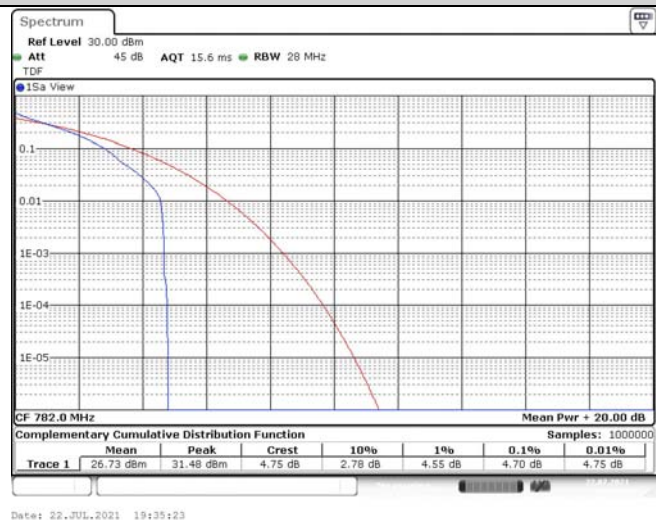
Band13-5MHz-QPSK-23205-1RB#0



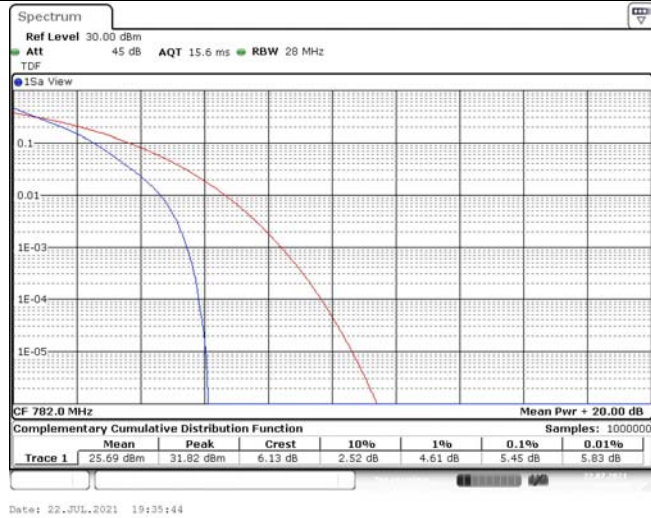
Band13-5MHz-QPSK-23205-25RB#0



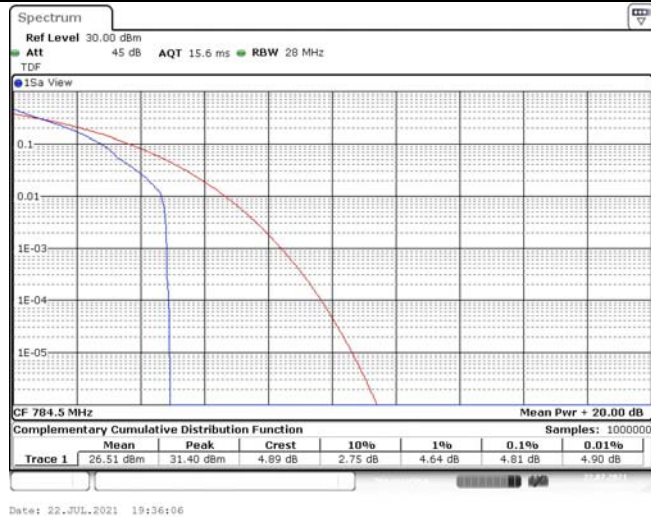
Band13-5MHz-QPSK-23230-1RB#0



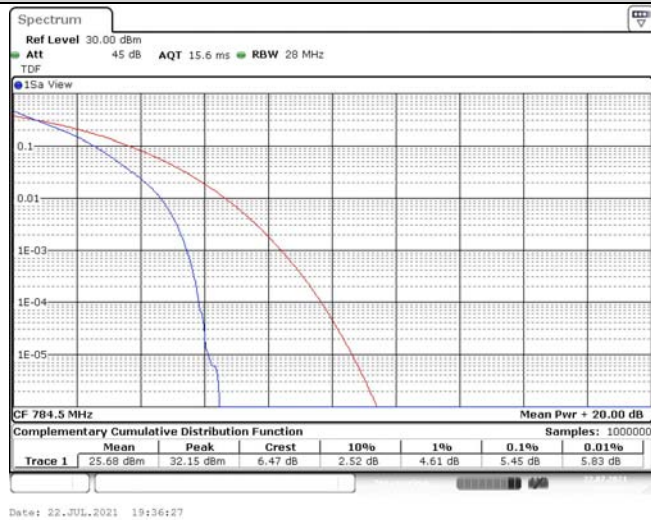
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### Band13-5MHz-QPSK-23255-1RB#0

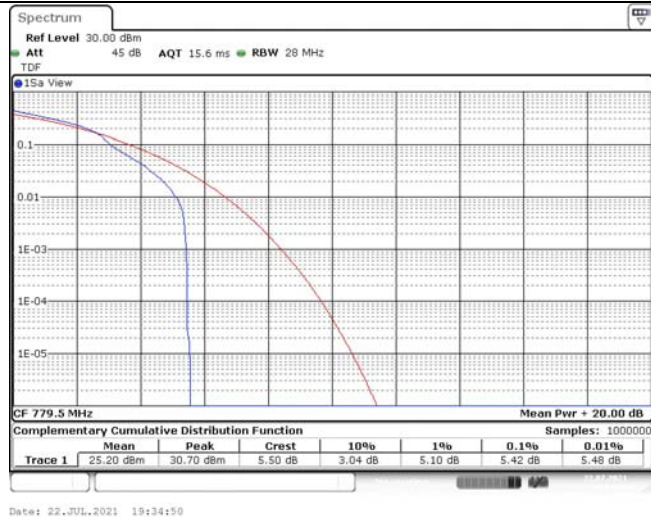


### Band13-5MHz-QPSK-23255-25RB#0

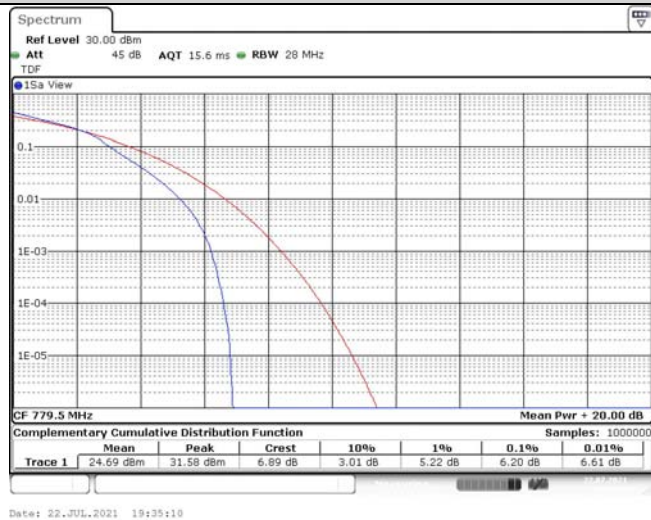


### Band13-5MHz-16QAM-23205-1RB#0

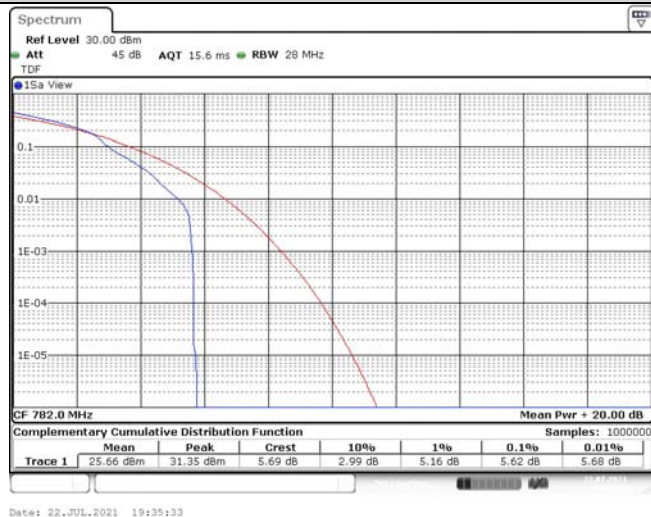




Band13-5MHz-16QAM-23205-25RB#0

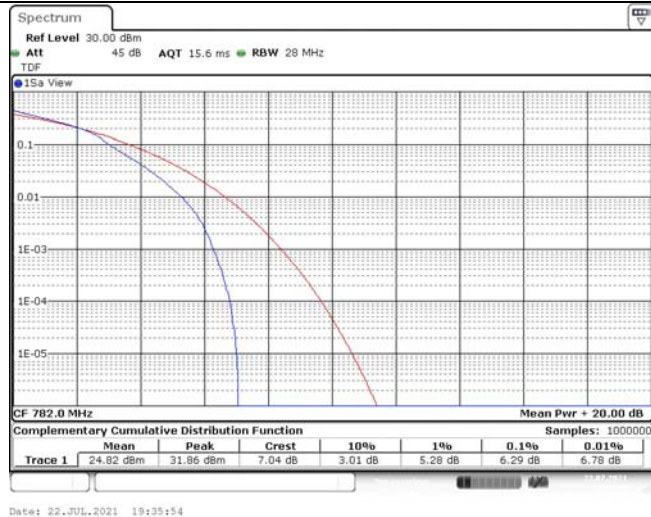


Band13-5MHz-16QAM-23230-1RB#0

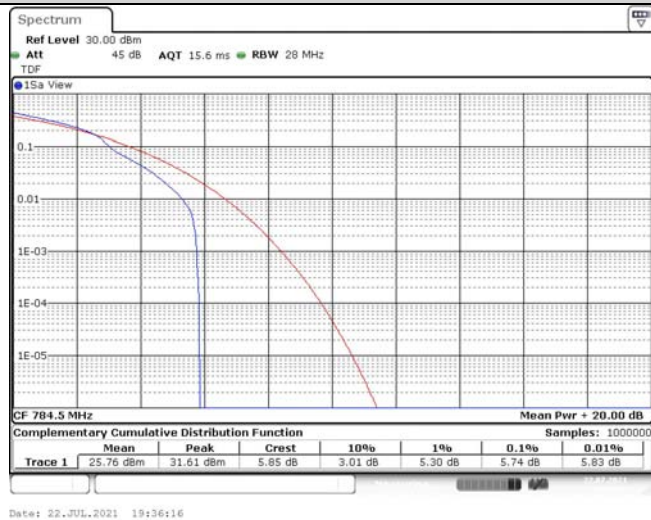


Band13-5MHz-16QAM-23230-25RB#0

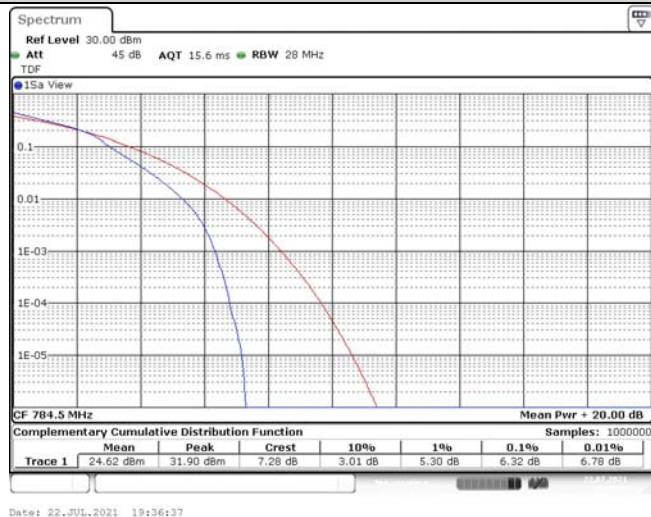




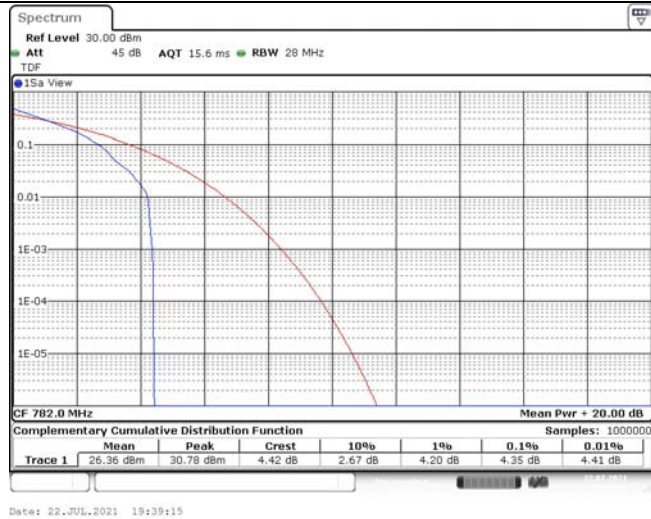
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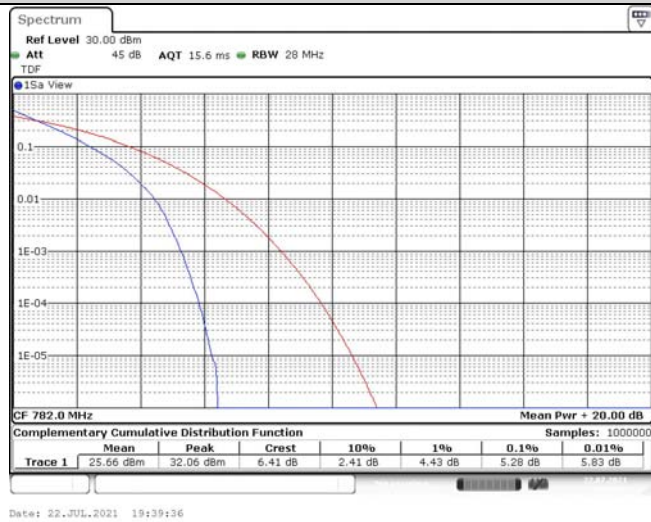
### Band13-5MHz-16QAM-23255-25RB#0



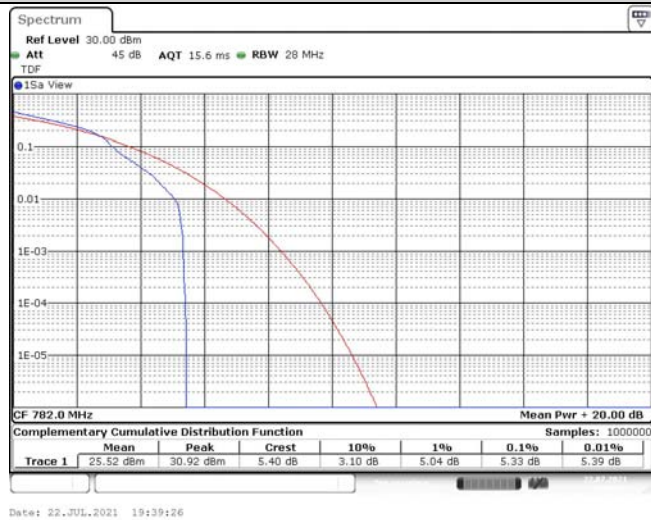
### Band13-10MHz-QPSK-23230-1RB#0



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



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



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



Date: 22.JUL.2021 19:39:46

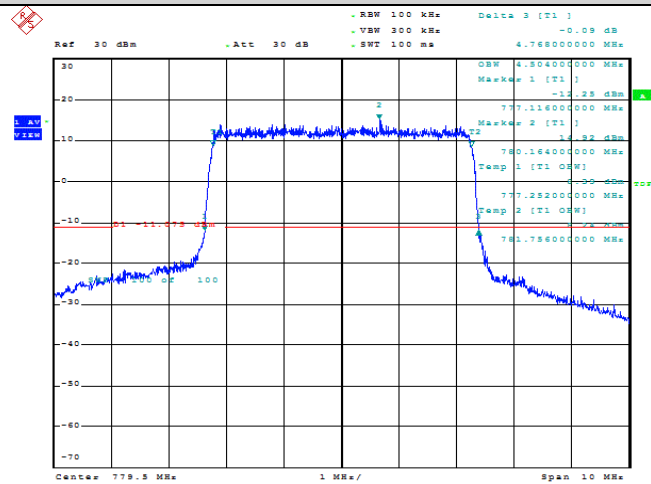
### 1.3. Appendix C: 26dB Bandwidth and Occupied Bandwidth

#### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.504	4.768	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.504	4.784	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.512	4.784	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.504	4.768	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.504	4.784	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.512	4.784	PASS
Band13	10MHz	QPSK	23230	50RB#0	9.006	9.679	PASS
Band13	10MHz	16QAM	23230	50RB#0	9.006	9.679	PASS

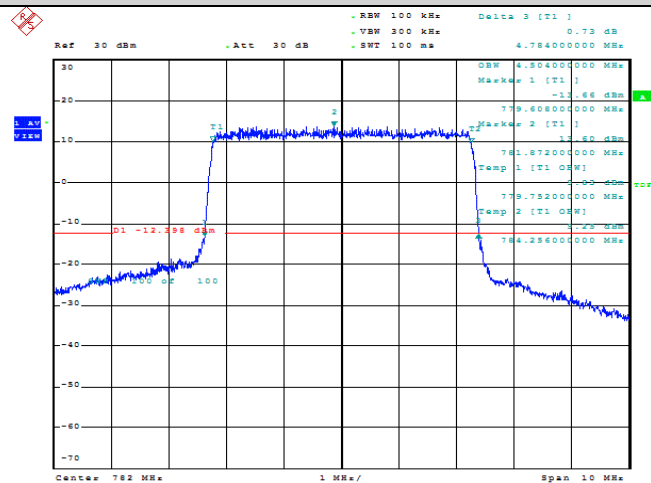
## Test Graphs

Band13-5MHz-QPSK-23205-25RB#0-4.504



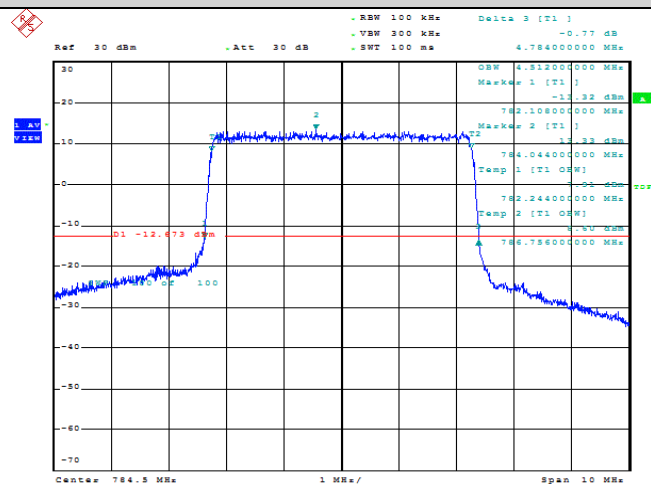
Date: 17.JUL.2021 10:44:22

Band13-5MHz-QPSK-23230-25RB#0-4.504



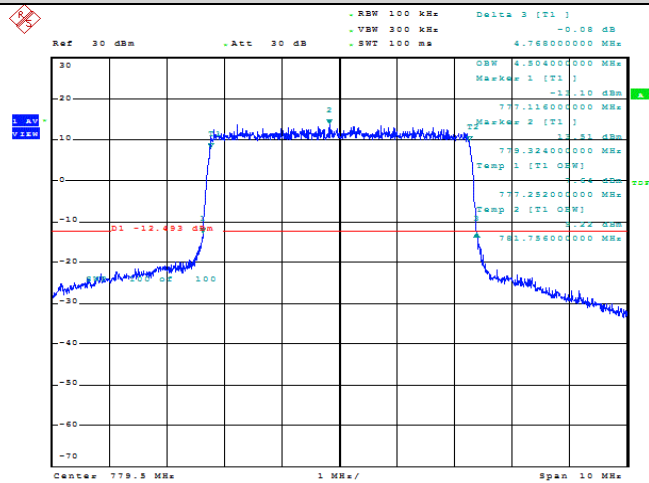
Date: 17.JUL.2021 10:45:02

Band13-5MHz-QPSK-23255-25RB#0-4.512



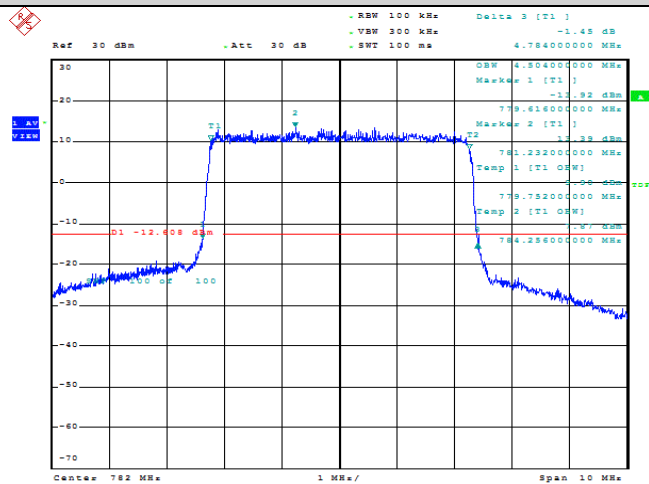
Date: 17.JUL.2021 10:45:41

### Band13-5MHz-16QAM-23205-25RB#0-4.504



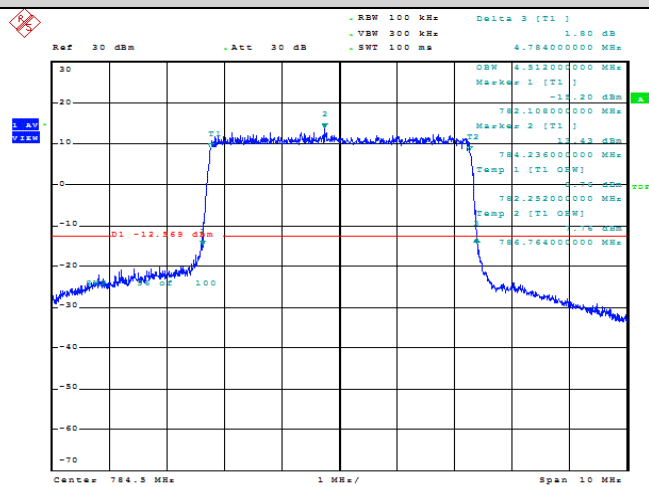
Date: 17.JUL.2021 10:44:41

### Band13-5MHz-16QAM-23230-25RB#0-4.504



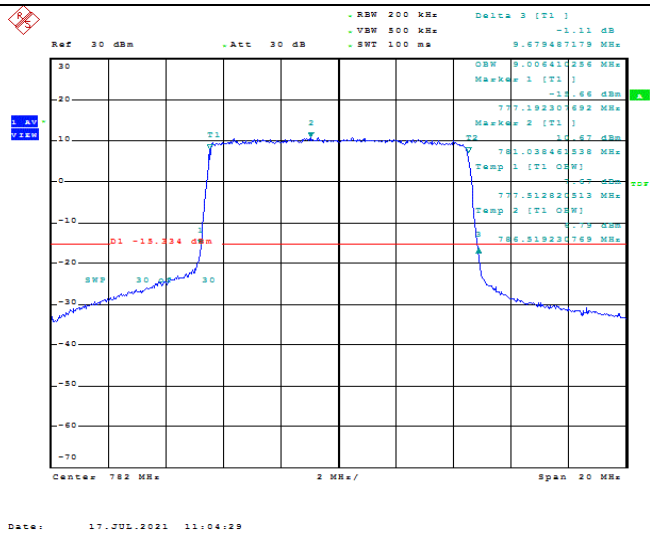
Date: 17.JUL.2021 10:45:20

### Band13-5MHz-16QAM-23255-25RB#0-4.512

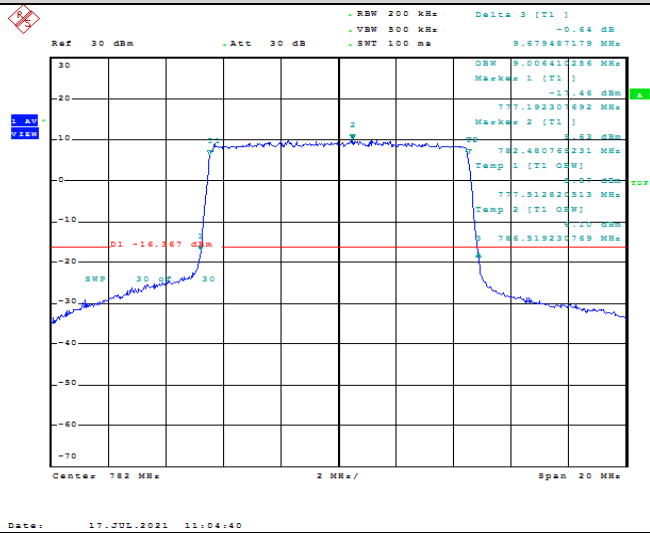


Date: 17.JUL.2021 10:45:59

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



### Band13-10MHz-16QAM-23230-50RB#0-9.006





## 1.4. Appendix D: Band Edge

### Test Result

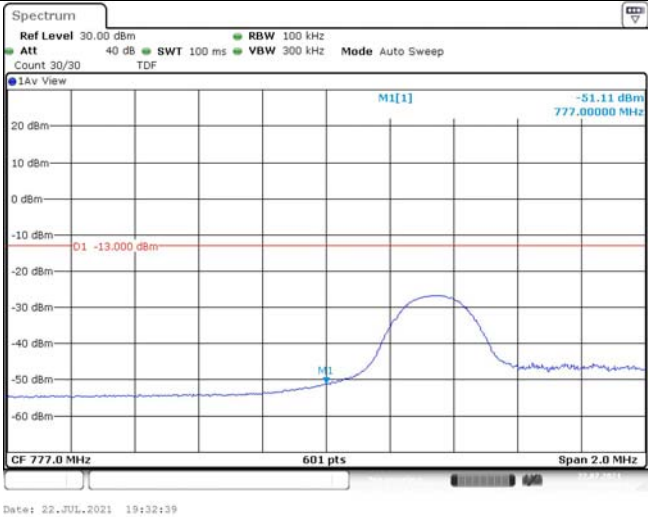
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	-19.35	PASS
Band13	5MHz	QPSK	23205	1RB#24	-51.11	PASS
Band13	5MHz	QPSK	23205	25RB#0	-22.48	PASS
Band13	5MHz	QPSK	23255	1RB#0	-51.23	PASS
Band13	5MHz	QPSK	23255	1RB#24	-20.47	PASS
Band13	5MHz	QPSK	23255	25RB#0	-24.66	PASS
Band13	5MHz	16QAM	23205	1RB#0	-21.80	PASS
Band13	5MHz	16QAM	23205	1RB#24	-51.93	PASS
Band13	5MHz	16QAM	23205	25RB#0	-23.62	PASS
Band13	5MHz	16QAM	23255	1RB#0	-51.68	PASS
Band13	5MHz	16QAM	23255	1RB#24	-21.46	PASS
Band13	5MHz	16QAM	23255	25RB#0	-25.31	PASS

Test Graphs

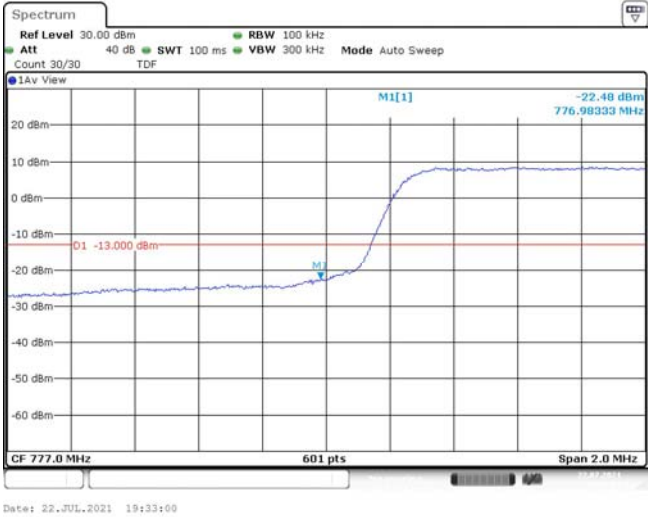
Band13-5MHz-QPSK-23205-1RB#0



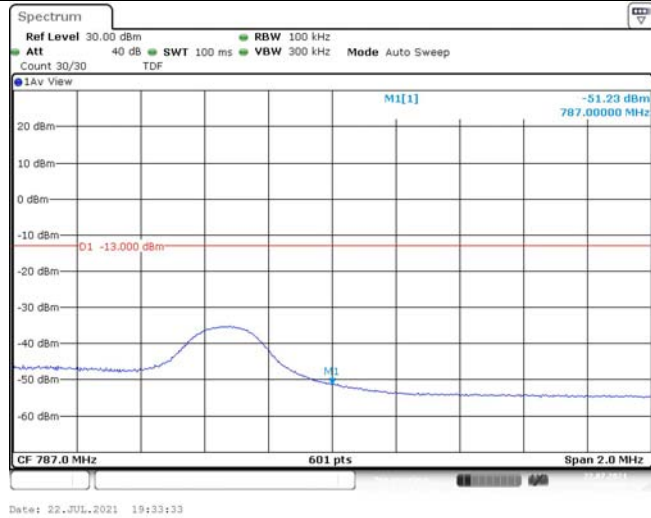
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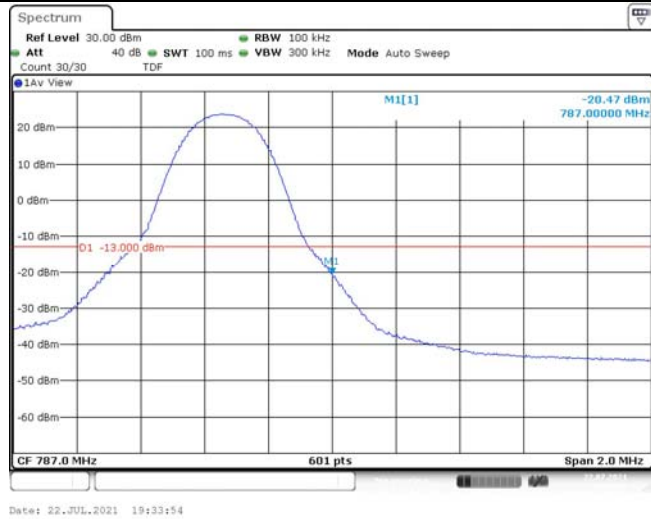
Band13-5MHz-QPSK-23205-25RB#0



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



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



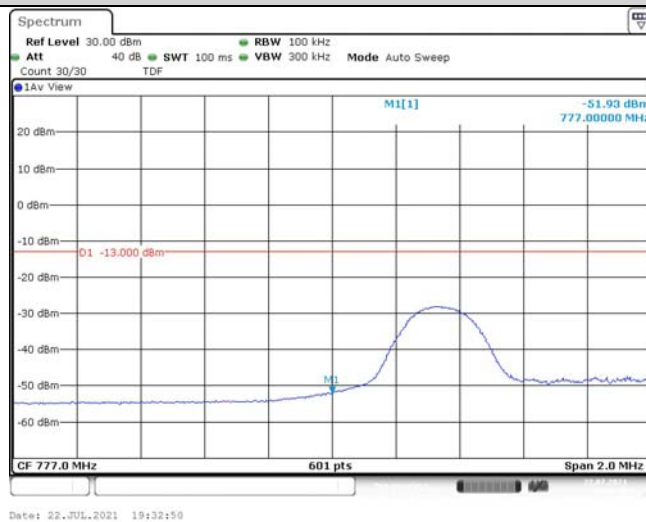
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### Band13-5MHz-16QAM-23205-1RB#0



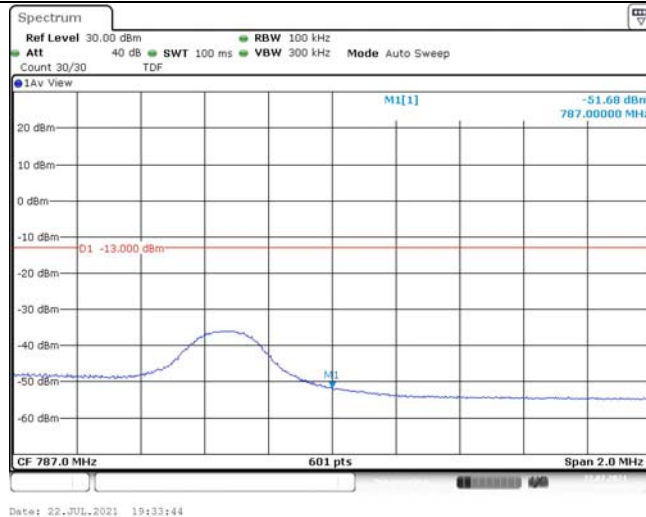
### Band13-5MHz-16QAM-23205-1RB#24



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



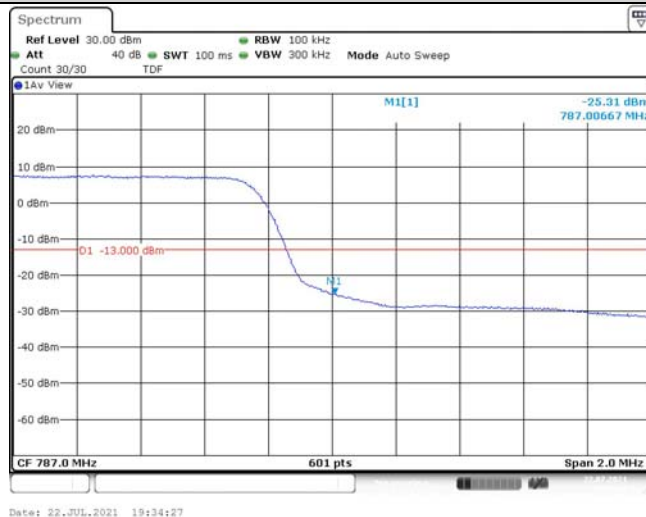
### Band13-5MHz-16QAM-23255-1RB#0



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



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



## 1.5. Appendix E: Conducted Spurious Emission

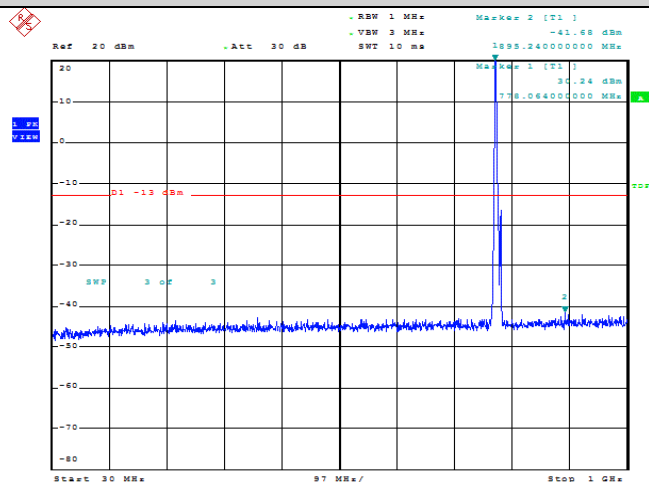
### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	Range1:30~1000MHz	-41.68	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range3:763~775MHz	-48.34	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range4:793~805MHz	-50.84	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range2:1000~10000MHz	-29.26	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range5:1559~1610MHz	-61.19	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-42.1	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range3:763~775MHz	-49.5	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range4:793~805MHz	-50.21	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-30.82	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range5:1559~1610MHz	-61.55	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range1:30~1000MHz	-42.33	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range3:763~775MHz	-48.53	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range4:793~805MHz	-49.83	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range2:1000~10000MHz	-30.55	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range5:1559~1610MHz	-60.92	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range1:30~1000MHz	-42.19	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range3:763~775MHz	-47.22	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range4:793~805MHz	-50.21	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range2:1000~10000MHz	-29.42	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range5:1559~1610MHz	-61.42	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range1:30~1000MHz	-42.57	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range3:763~775MHz	-50.82	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range4:793~805MHz	-51.58	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range2:1000~10000MHz	-31.61	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range5:1559~1610MHz	-61.17	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range1:30~1000MHz	-41.81	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range3:763~775MHz	-49.17	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range4:793~805MHz	-50.58	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range2:1000~10000MHz	-31.2	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range5:1559~1610MHz	-61.68	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-42.16	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range3:763~775MHz	-47.05	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range4:793~805MHz	-39.6	PASS

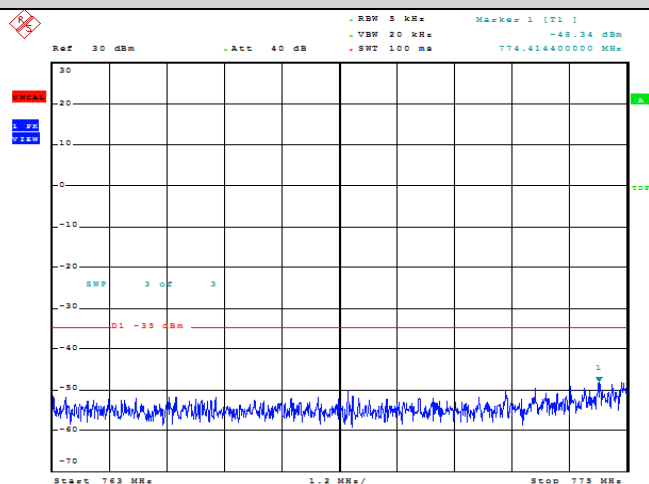
Band13	10MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-23.12	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range5:1559~1610MHz	-61.09	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range1:30~1000MHz	-42.17	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range3:763~775MHz	-48.65	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range4:793~805MHz	-37.44	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range2:1000~10000MHz	-31.49	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range5:1559~1610MHz	-61.44	PASS



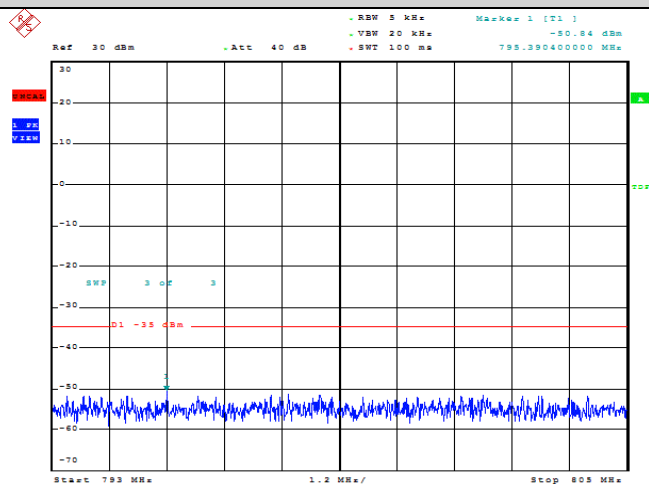
## Test Graphs



Date: 17.JUL.2021 10:48:42

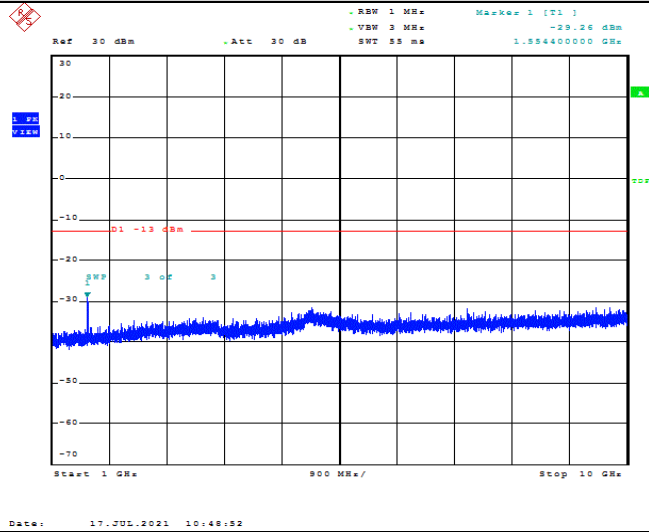


Date: 17.JUL.2021 10:49:00

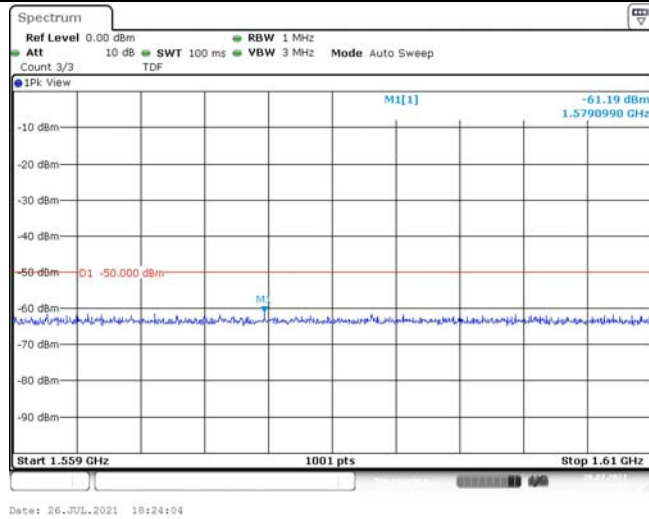


Date: 17.JUL.2021 10:49:07

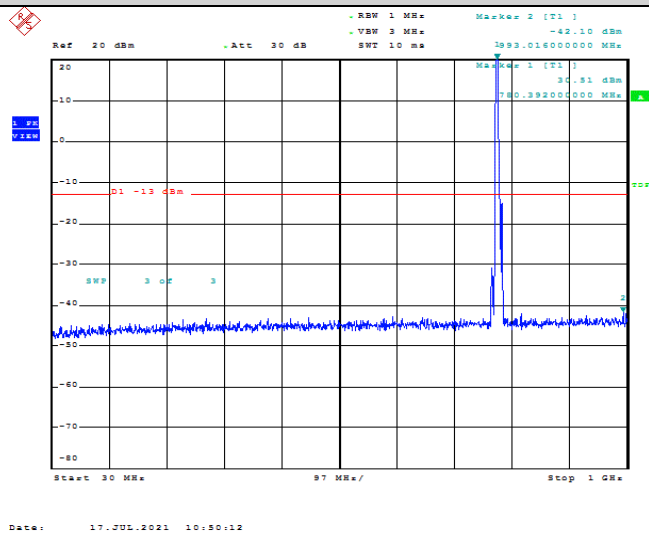
# Band13-5MHz-QPSK-23205-1RB#0-Range2:1000~10000MHz



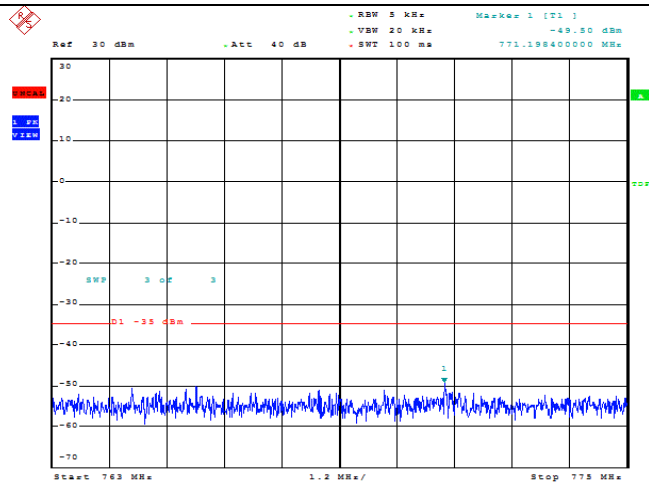
# Band13-5MHz-QPSK-23205-1RB#0-Range5:1559~1610MHz



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

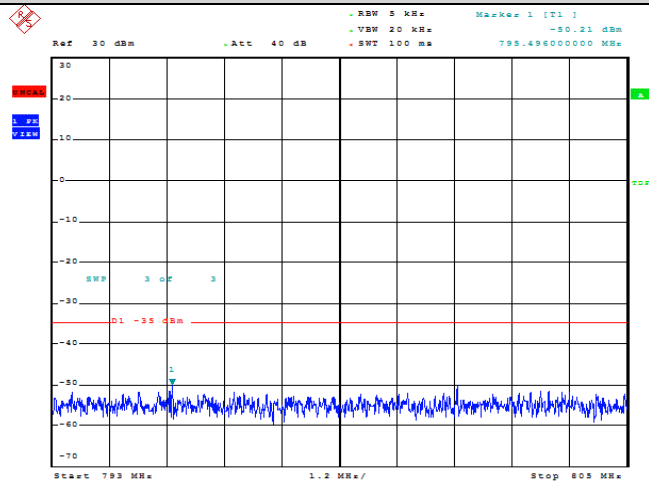


# Band13-5MHz-QPSK-23230-1RB#0-Range3:763~775MHz



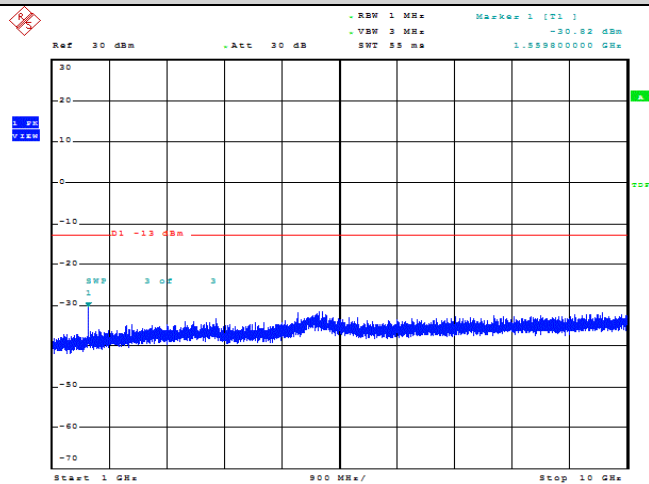
Date: 17.JUL.2021 10:50:30

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



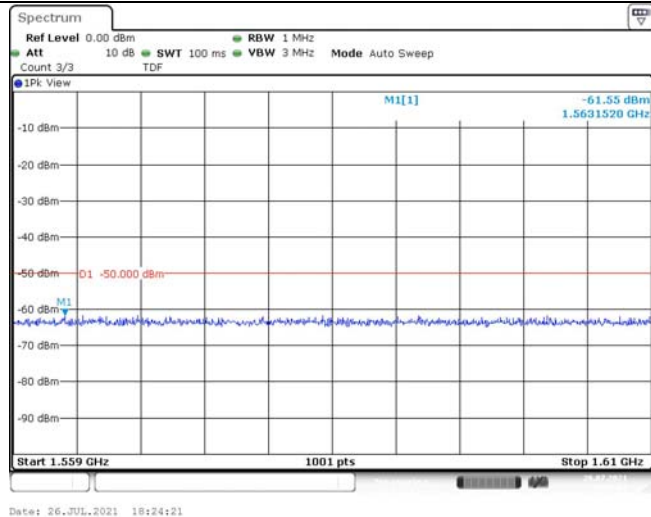
Date: 17.JUL.2021 10:50:37

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

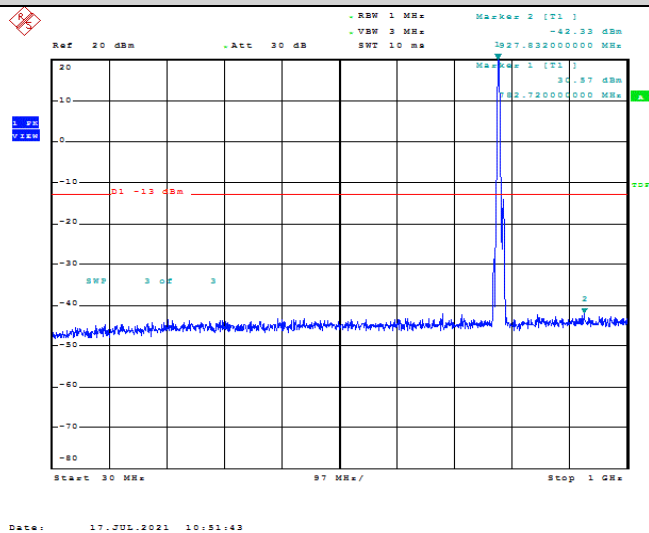


Date: 17.JUL.2021 10:50:22

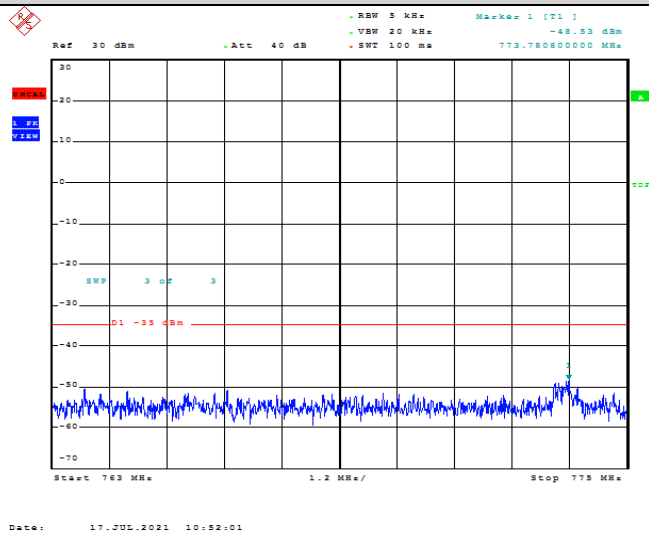
### Band13-5MHz-QPSK-23230-1RB#0-Range5:1559~1610MHz



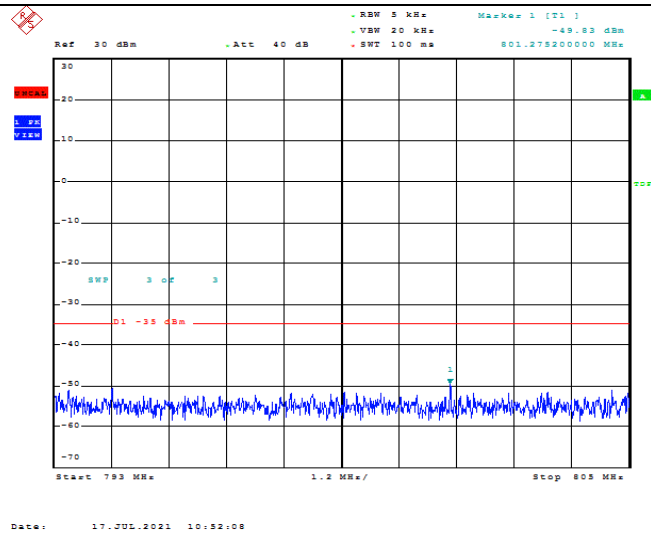
### Band13-5MHz-QPSK-23255-1RB#0-Range1:30~1000MHz



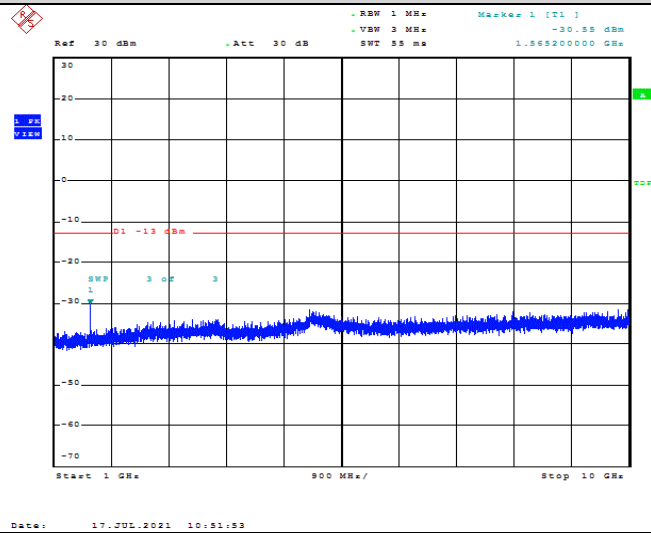
### Band13-5MHz-QPSK-23255-1RB#0-Range3:763~775MHz



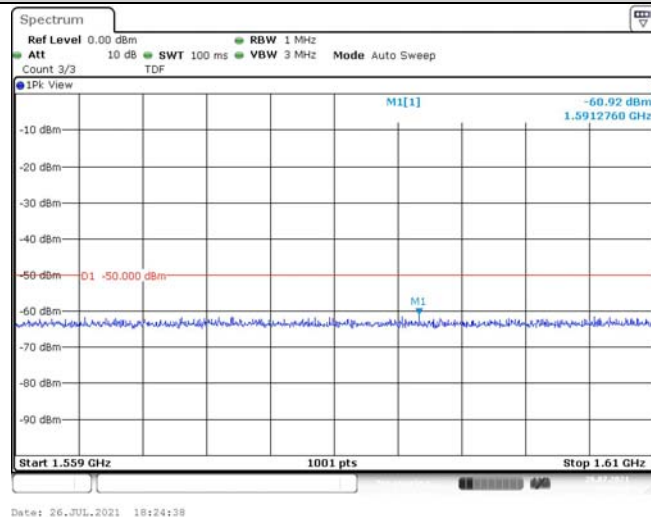
### Band13-5MHz-QPSK-23255-1RB#0-Range4:793~805MHz



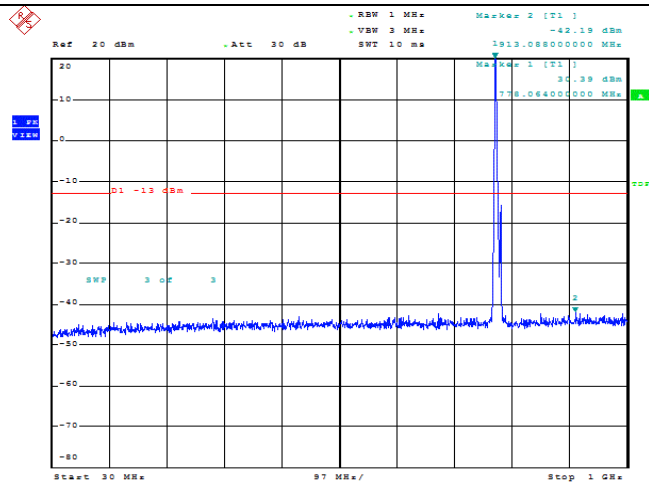
### Band13-5MHz-QPSK-23255-1RB#0-Range2:1000~10000MHz



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

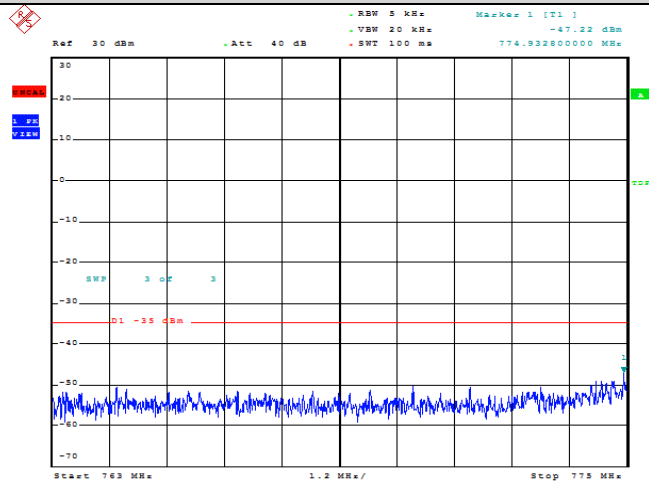


### Band13-5MHz-16QAM-23205-1RB#0-Range1:30~1000MHz



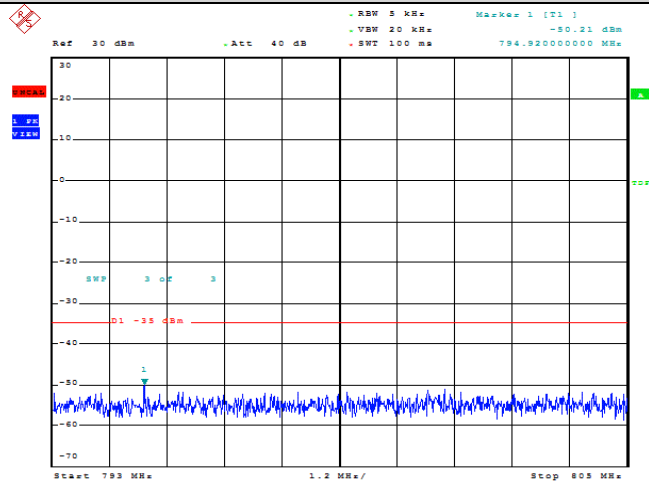
Date: 17.JUL.2021 10:49:25

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



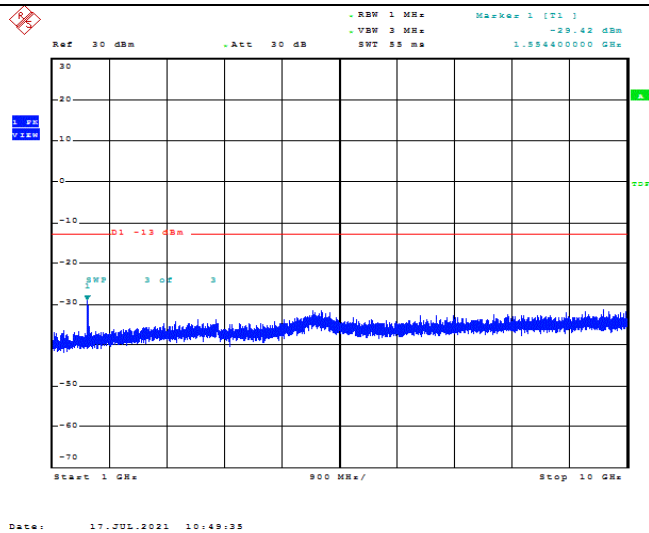
Date: 17.JUL.2021 10:49:44

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

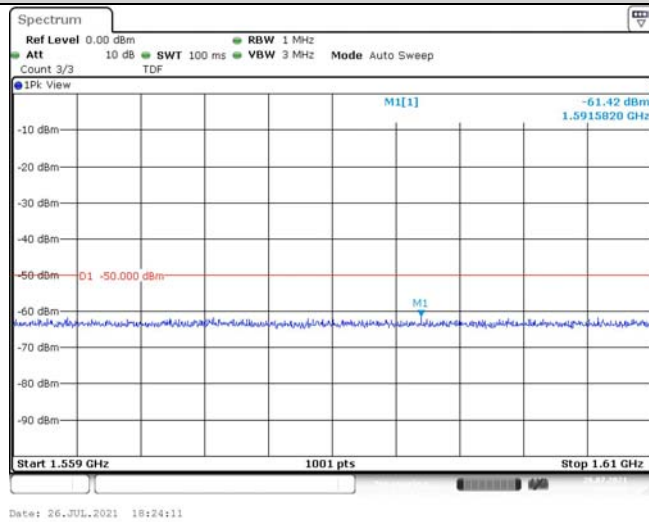


Date: 17.JUL.2021 10:49:51

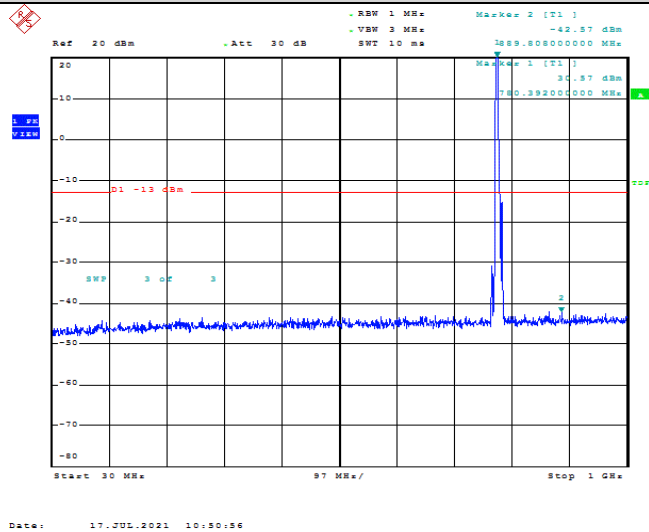
### Band13-5MHz-16QAM-23205-1RB#0-Range2:1000~10000MHz



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

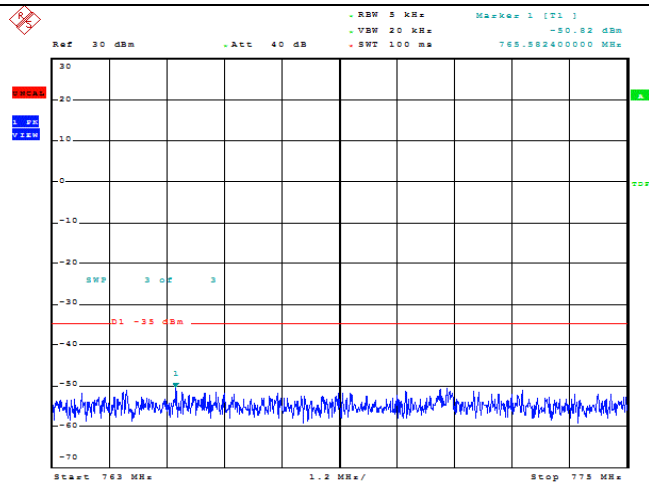


Band13-5MHz-16QAM-23230-1RB#0-Range1:30~1000MHz



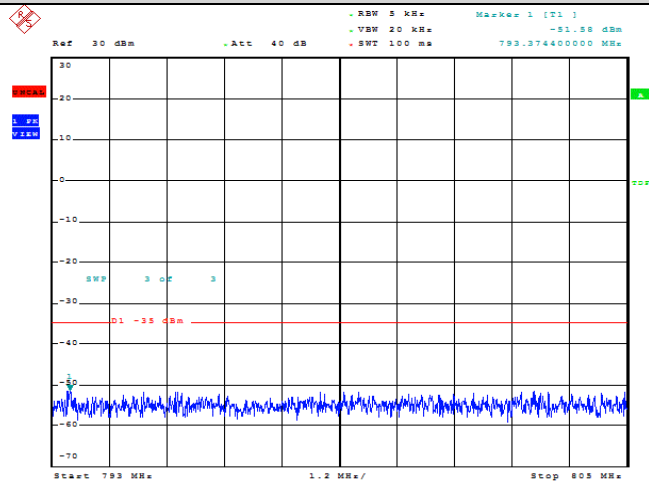
Band13-5MHz-16QAM-23230-1RB#0-Range3:763~775MHz





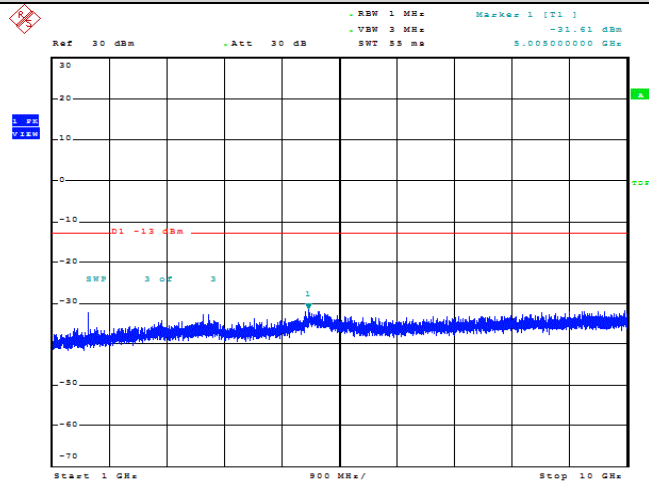
Date: 17.JUL.2021 10:51:15

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



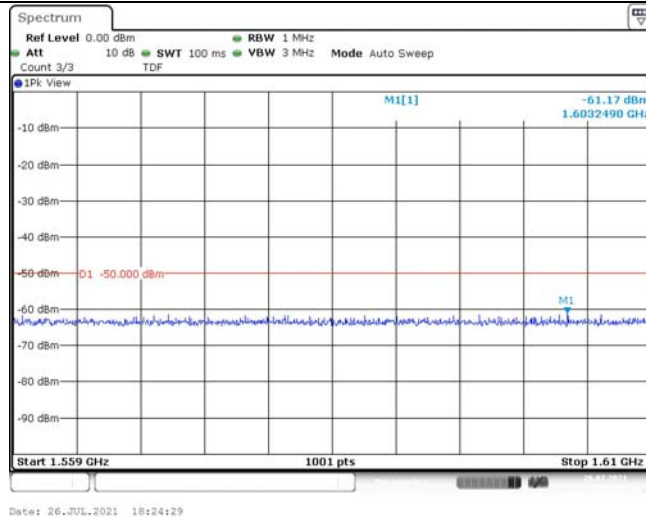
Date: 17.JUL.2021 10:51:22

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

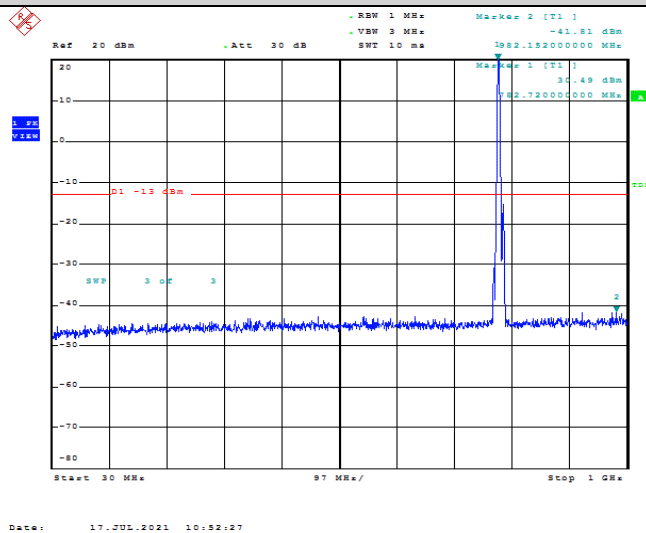


Date: 17.JUL.2021 10:51:06

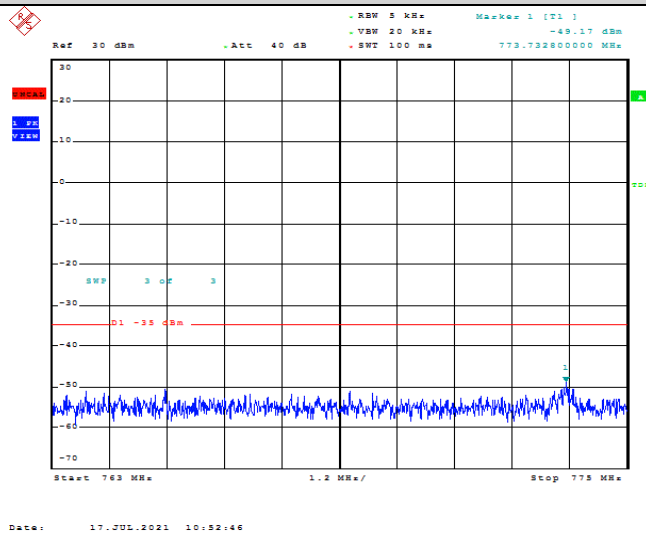
### Band13-5MHz-16QAM-23230-1RB#0-Range5:1559~1610MHz



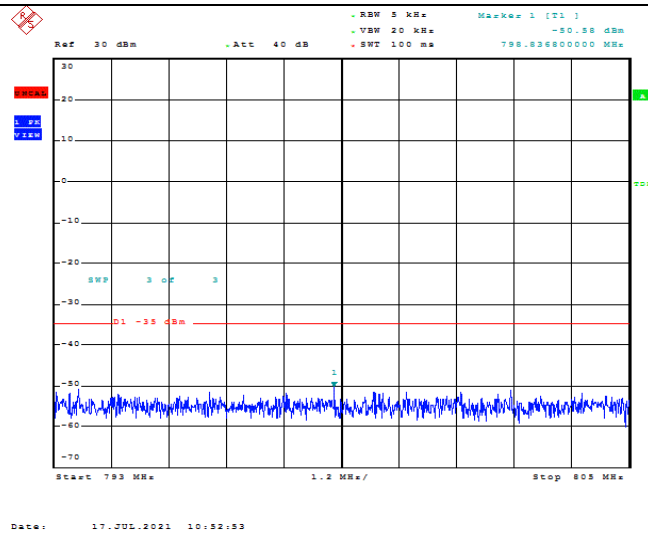
### Band13-5MHz-16QAM-23255-1RB#0-Range1:30~1000MHz



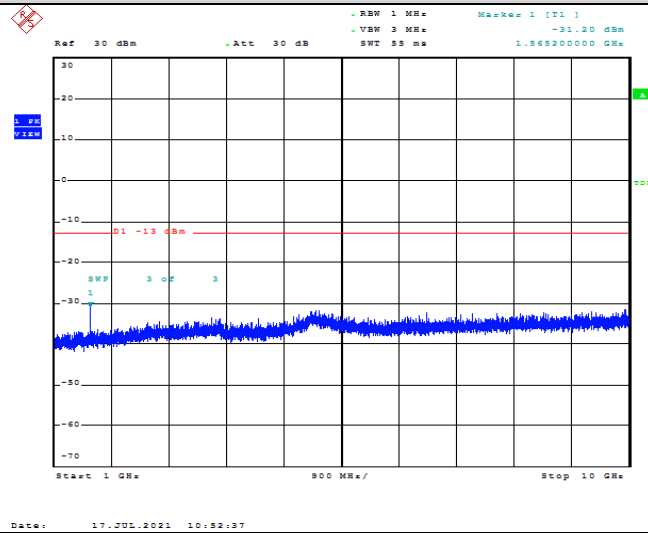
### Band13-5MHz-16QAM-23255-1RB#0-Range3:763~775MHz



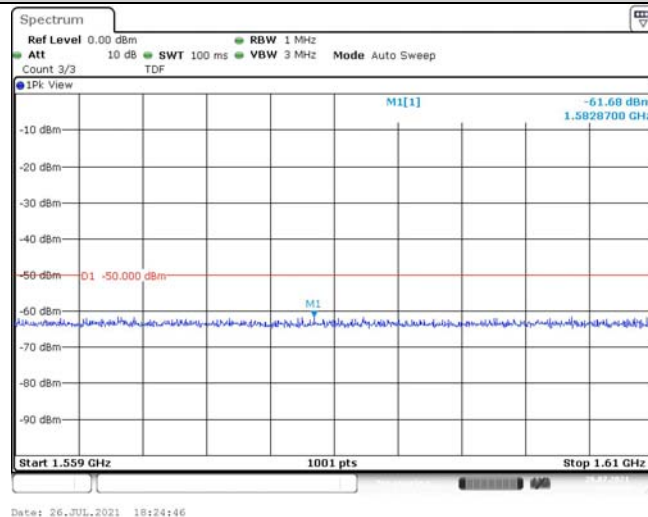
### Band13-5MHz-16QAM-23255-1RB#0-Range4:793~805MHz



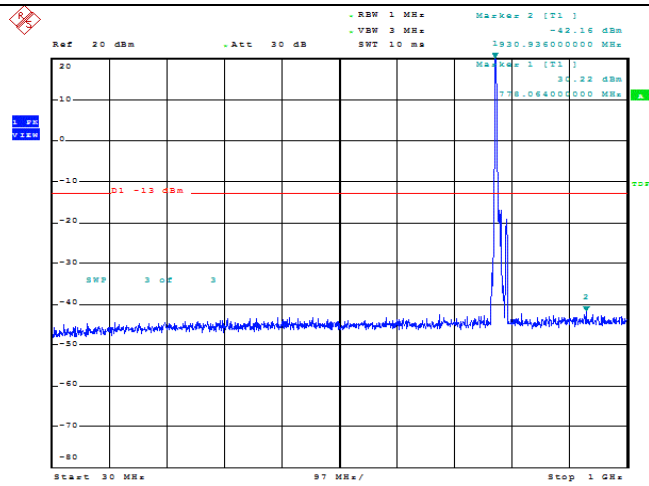
Band13-5MHz-16QAM-23255-1RB#0-Range2:1000~10000MHz



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

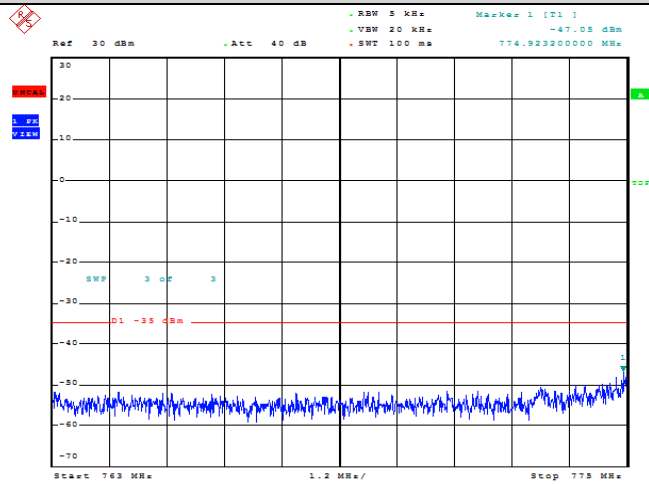


Band13-10MHz-QPSK-23230-1RB#0-Range1:30~1000MHz



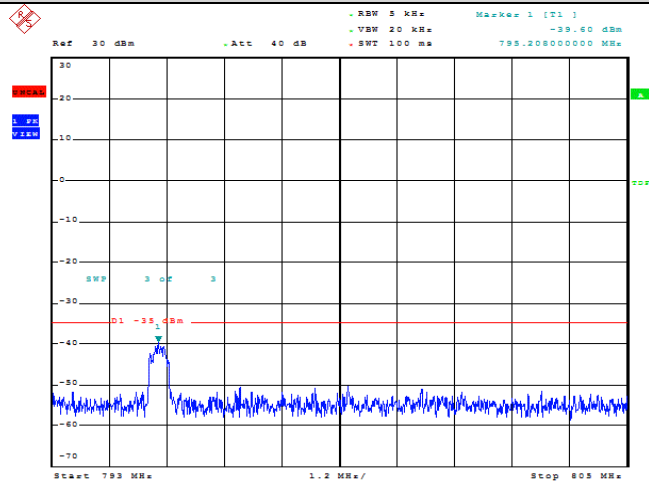
Date: 17.JUL.2021 11:08:28

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



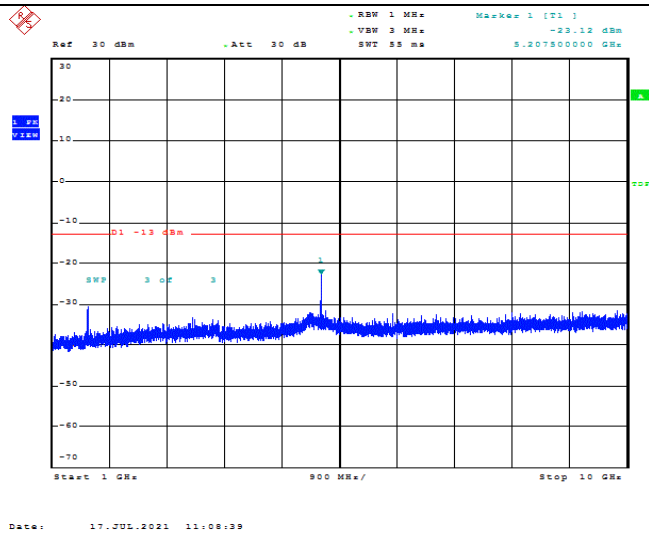
Date: 17.JUL.2021 11:08:47

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

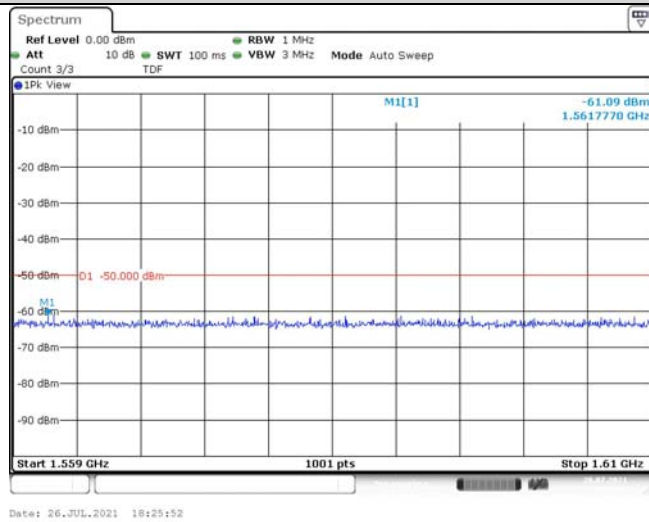


Date: 17.JUL.2021 11:08:54

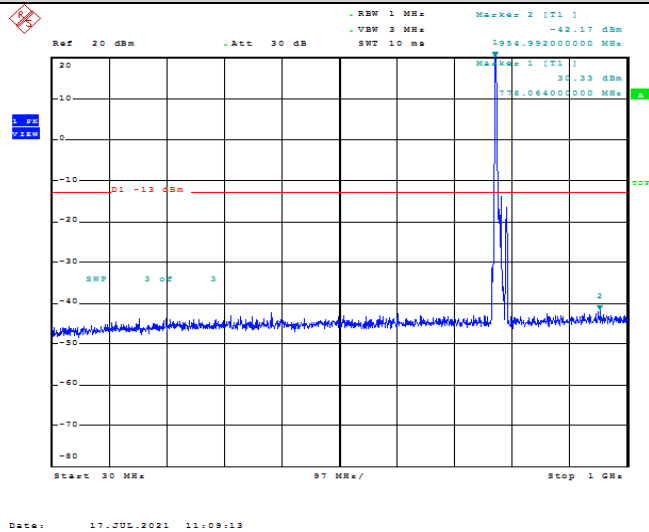
### Band13-10MHz-QPSK-23230-1RB#0-Range2:1000~10000MHz



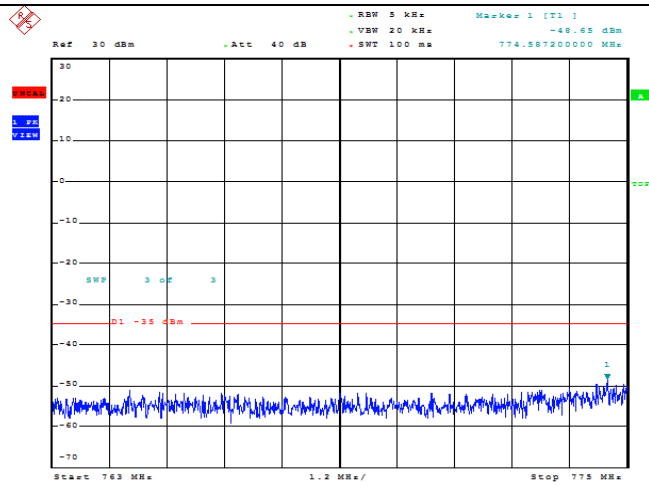
### Band13-10MHz-QPSK-23230-1RB#0-Range5:1559~1610MHz



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

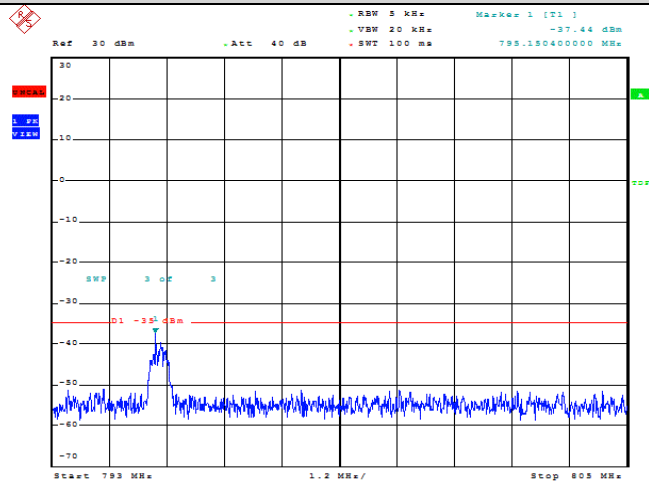


### Band13-10MHz-16QAM-23230-1RB#0-Range3:763~775MHz



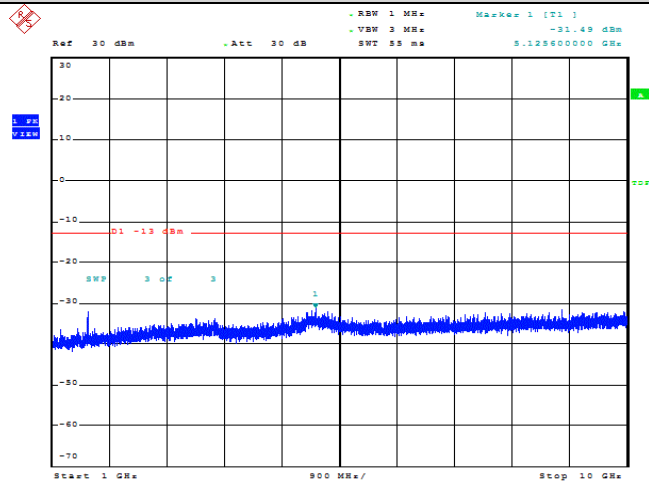
Date: 17.JUL.2021 11:09:32

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



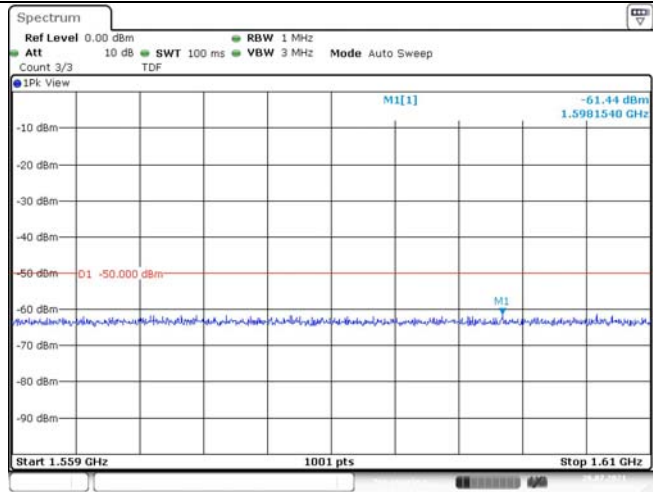
Date: 17.JUL.2021 11:09:39

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



Date: 17.JUL.2021 11:09:23

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



Date: 26.JUL.2021 18:26:00



## 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	-2.65	-0.003400	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VN	NT	-5.04	-0.006466	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VH	NT	-3.09	-0.003964	±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	3.10	0.003964	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VH	NT	1.92	0.002455	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VL	NT	1.56	0.001989	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VN	NT	3.02	0.003850	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VH	NT	-2.16	-0.002753	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VL	NT	-3.39	-0.004349	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VN	NT	-4.16	-0.005337	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VH	NT	-4.09	-0.005247	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VL	NT	1.54	0.001969	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VN	NT	-1.16	-0.001483	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VH	NT	2.62	0.003350	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VL	NT	2.75	0.003505	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VN	NT	1.40	0.001785	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VH	NT	2.50	0.003187	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VL	NT	-1.89	-0.002417	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VN	NT	-2.57	-0.003286	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VH	NT	1.36	0.001739	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VL	NT	1.13	0.001445	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VN	NT	-3.30	-0.004220	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VH	NT	-2.37	-0.003031	±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	0	-2.52	-0.003233	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	10	-4.62	-0.005927	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	20	1.47	0.001886	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	30	-2.20	-0.002822	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	40	-3.55	-0.004554	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	45	-4.75	-0.006094	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	0	-1.59	-0.002033	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	10	-1.77	-0.002263	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	20	-1.85	-0.002366	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	30	-1.32	-0.001688	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	40	-1.72	-0.002199	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	45	-2.17	-0.002775	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	0	1.60	0.002040	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	10	1.37	0.001746	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	20	1.03	0.001313	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	30	-3.16	-0.004028	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	40	2.50	0.003187	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	45	-2.10	-0.002677	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	0	-2.19	-0.002809	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	10	-3.96	-0.005080	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	20	-3.71	-0.004759	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	30	-2.40	-0.003079	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	40	-4.94	-0.006337	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	45	-3.85	-0.004939	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	0	-2.35	-0.003005	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	10	-1.40	-0.001790	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	20	-1.96	-0.002506	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	30	-1.54	-0.001969	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	40	1.34	0.001714	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	45	-1.54	-0.001969	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	0	-0.94	-0.001198	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	10	-2.63	-0.003352	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	20	-2.16	-0.002753	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	30	-1.27	-0.001619	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	40	-3.12	-0.003977	±2.5	PASS

Band13	5MHz	16QAM	23255	25RB#0	NV	45	2.70	0.003442	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	0	1.22	0.001560	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	-1.77	-0.002263	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	-1.89	-0.002417	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	30	-2.03	-0.002596	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	40	-2.42	-0.003095	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	45	-1.53	-0.001957	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	0	-2.07	-0.002647	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	10	1.83	0.002340	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	20	-3.66	-0.004680	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	30	1.60	0.002046	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	40	1.82	0.002327	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	45	1.87	0.002391	±2.5	PASS

-----END-----