

# FCC LTE Band13 Test Data

General Description of EUT	
<b>Product Name:</b>	Industrial router
<b>Test Model:</b>	ZR2720N
<b>Sample ID:</b>	202305-0244-4#2
Environmental Conditions	
<b>Temperature:</b>	25°C
<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 12V
<b>Test Engineer:</b>	Huang jian ping
Note: For a more detailed features description, please refer to the report TBR-C-202305-0244-51 The report only show the worst case data.	

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# 1. Conducted Power Output Data

## Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	22.45	PASS
Band13	5MHz	QPSK	23205	1RB#12	23.37	PASS
Band13	5MHz	QPSK	23205	1RB#24	23.44	PASS
Band13	5MHz	QPSK	23205	12RB#0	22.33	PASS
Band13	5MHz	QPSK	23205	12RB#6	22.33	PASS
Band13	5MHz	QPSK	23205	12RB#13	22.43	PASS
Band13	5MHz	QPSK	23205	25RB#0	22.41	PASS
Band13	5MHz	QPSK	23230	1RB#0	23.44	PASS
Band13	5MHz	QPSK	23230	1RB#12	23.29	PASS
Band13	5MHz	QPSK	23230	1RB#24	23.38	PASS
Band13	5MHz	QPSK	23230	12RB#0	22.39	PASS
Band13	5MHz	QPSK	23230	12RB#6	22.31	PASS
Band13	5MHz	QPSK	23230	12RB#13	22.36	PASS
Band13	5MHz	QPSK	23230	25RB#0	22.37	PASS
Band13	5MHz	QPSK	23255	1RB#0	23.46	PASS
Band13	5MHz	QPSK	23255	1RB#12	23.63	PASS
Band13	5MHz	QPSK	23255	1RB#24	23.60	PASS
Band13	5MHz	QPSK	23255	12RB#0	22.29	PASS
Band13	5MHz	QPSK	23255	12RB#6	22.30	PASS
Band13	5MHz	QPSK	23255	12RB#13	22.61	PASS
Band13	5MHz	QPSK	23255	25RB#0	22.43	PASS
Band13	5MHz	16QAM	23205	1RB#0	22.10	PASS
Band13	5MHz	16QAM	23205	1RB#12	22.16	PASS
Band13	5MHz	16QAM	23205	1RB#24	22.34	PASS
Band13	5MHz	16QAM	23205	12RB#0	21.38	PASS
Band13	5MHz	16QAM	23205	12RB#6	21.29	PASS
Band13	5MHz	16QAM	23205	12RB#13	21.29	PASS
Band13	5MHz	16QAM	23205	25RB#0	21.36	PASS
Band13	5MHz	16QAM	23230	1RB#0	21.97	PASS
Band13	5MHz	16QAM	23230	1RB#12	22.18	PASS
Band13	5MHz	16QAM	23230	1RB#24	22.09	PASS
Band13	5MHz	16QAM	23230	12RB#0	21.29	PASS

Band13	5MHz	16QAM	23230	12RB#6	21.30	PASS
Band13	5MHz	16QAM	23230	12RB#13	21.35	PASS
Band13	5MHz	16QAM	23230	25RB#0	21.37	PASS
Band13	5MHz	16QAM	23255	1RB#0	22.32	PASS
Band13	5MHz	16QAM	23255	1RB#12	22.51	PASS
Band13	5MHz	16QAM	23255	1RB#24	22.67	PASS
Band13	5MHz	16QAM	23255	12RB#0	21.35	PASS
Band13	5MHz	16QAM	23255	12RB#6	21.20	PASS
Band13	5MHz	16QAM	23255	12RB#13	21.34	PASS
Band13	5MHz	16QAM	23255	25RB#0	21.41	PASS
Band13	10MHz	QPSK	23230	1RB#0	23.23	PASS
Band13	10MHz	QPSK	23230	1RB#24	23.26	PASS
Band13	10MHz	QPSK	23230	1RB#49	23.28	PASS
Band13	10MHz	QPSK	23230	25RB#0	22.45	PASS
Band13	10MHz	QPSK	23230	25RB#12	22.35	PASS
Band13	10MHz	QPSK	23230	25RB#25	22.54	PASS
Band13	10MHz	QPSK	23230	50RB#0	22.44	PASS
Band13	10MHz	16QAM	23230	1RB#0	22.20	PASS
Band13	10MHz	16QAM	23230	1RB#24	22.21	PASS
Band13	10MHz	16QAM	23230	1RB#49	22.09	PASS
Band13	10MHz	16QAM	23230	25RB#0	21.35	PASS
Band13	10MHz	16QAM	23230	25RB#12	21.32	PASS
Band13	10MHz	16QAM	23230	25RB#25	21.54	PASS
Band13	10MHz	16QAM	23230	50RB#0	21.08	PASS

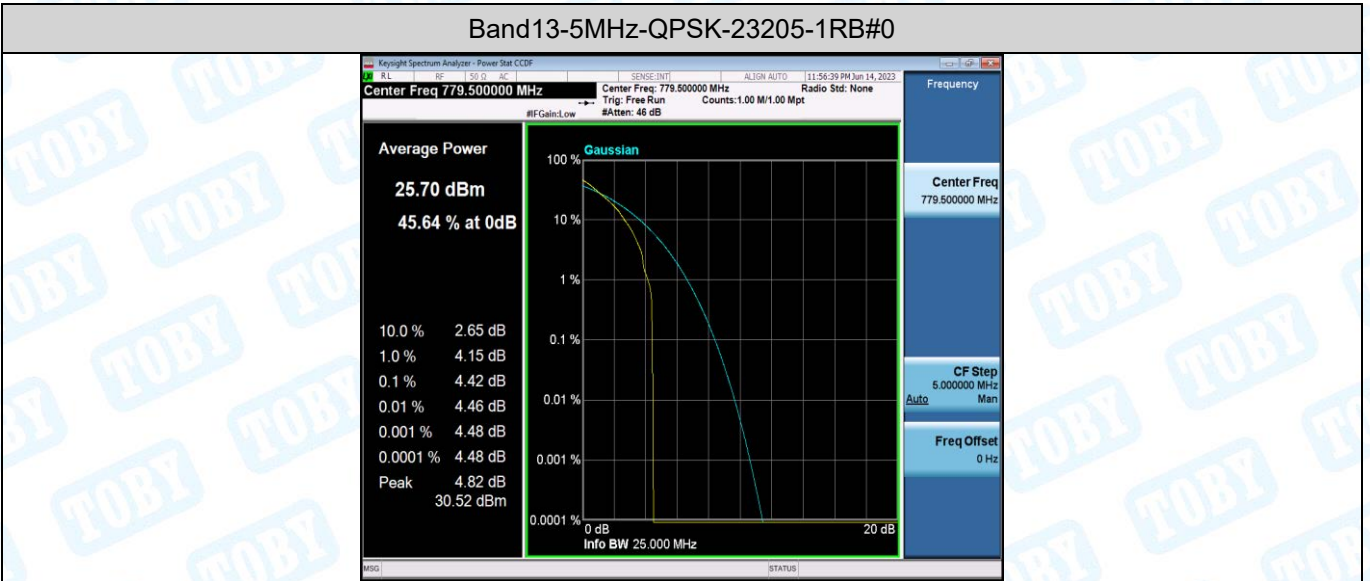
## 2. Peak-to-Average Ratio(CCDF)

### Test Result

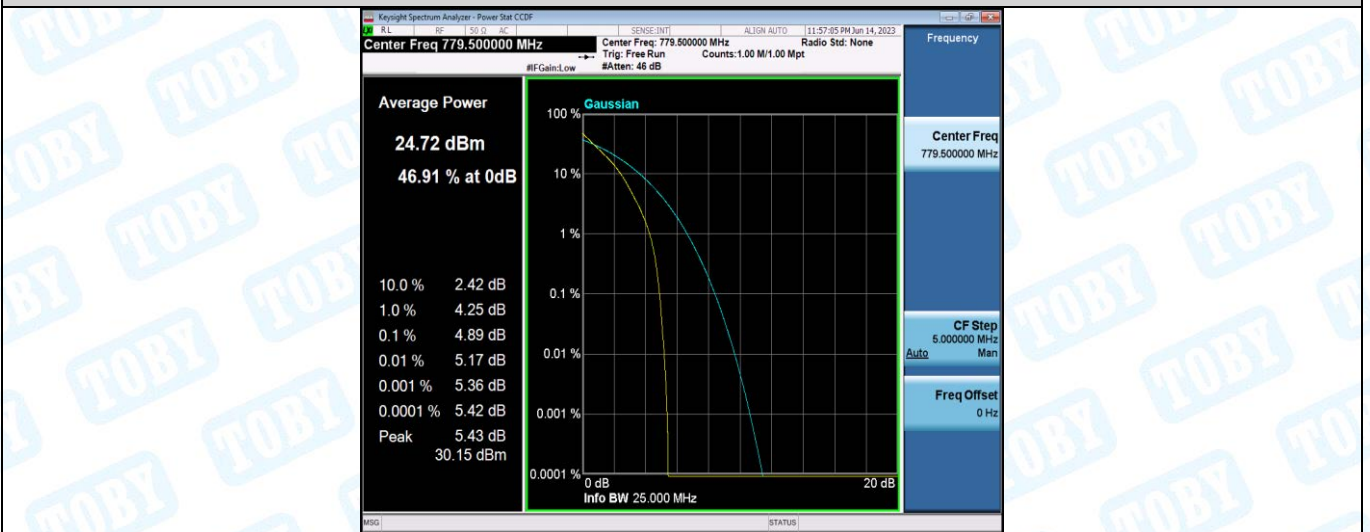
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	4.42	13	PASS
Band13	5MHz	QPSK	23205	25RB#0	4.89	13	PASS
Band13	5MHz	QPSK	23230	1RB#0	4.24	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.96	13	PASS
Band13	5MHz	QPSK	23255	1RB#0	4.31	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.98	13	PASS
Band13	5MHz	16QAM	23205	1RB#0	5.35	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	5.84	13	PASS
Band13	5MHz	16QAM	23230	1RB#0	5.20	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	5.86	13	PASS
Band13	5MHz	16QAM	23255	1RB#0	5.04	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	5.90	13	PASS
Band13	10MHz	QPSK	23230	1RB#0	4.20	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.07	13	PASS
Band13	10MHz	16QAM	23230	1RB#0	5.37	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	5.93	13	PASS

**Test Graphs**

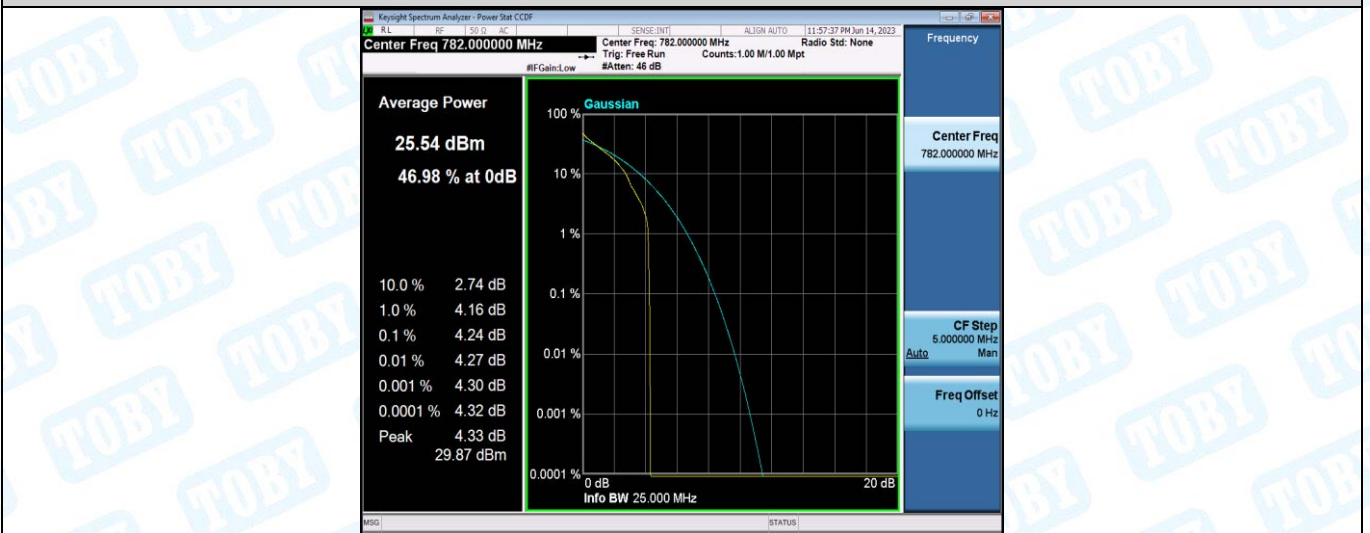
**Band13-5MHz-QPSK-23205-1RB#0**



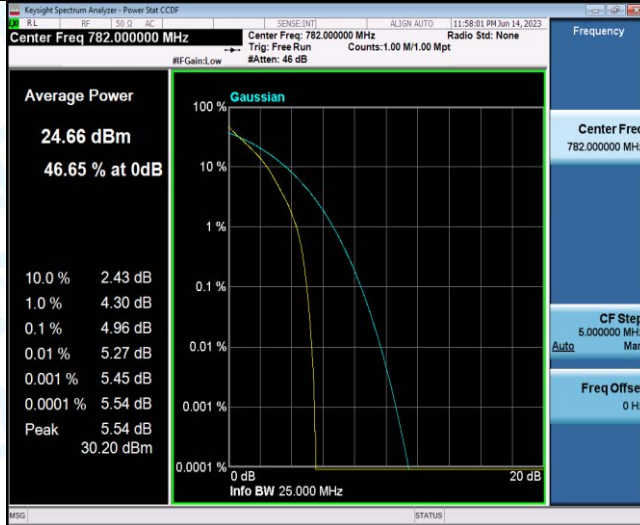
**Band13-5MHz-QPSK-23205-25RB#0**



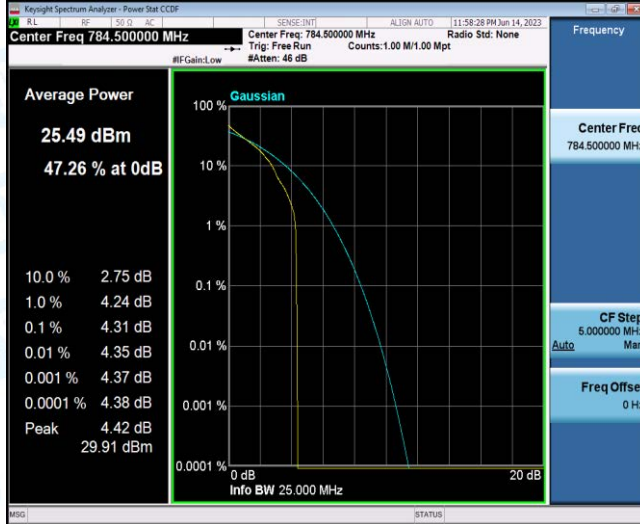
**Band13-5MHz-QPSK-23230-1RB#0**



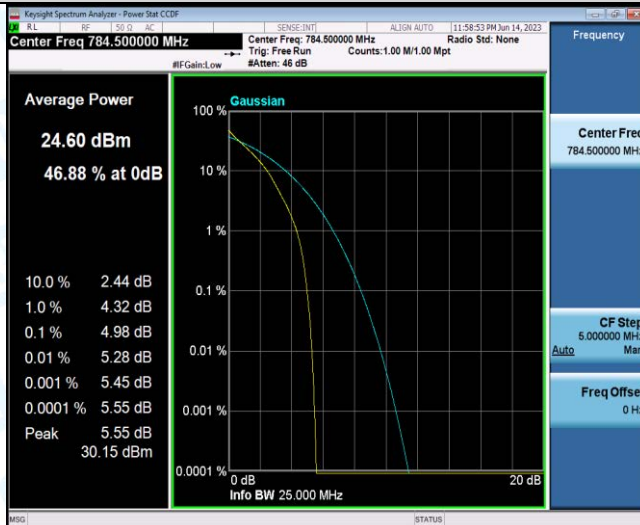
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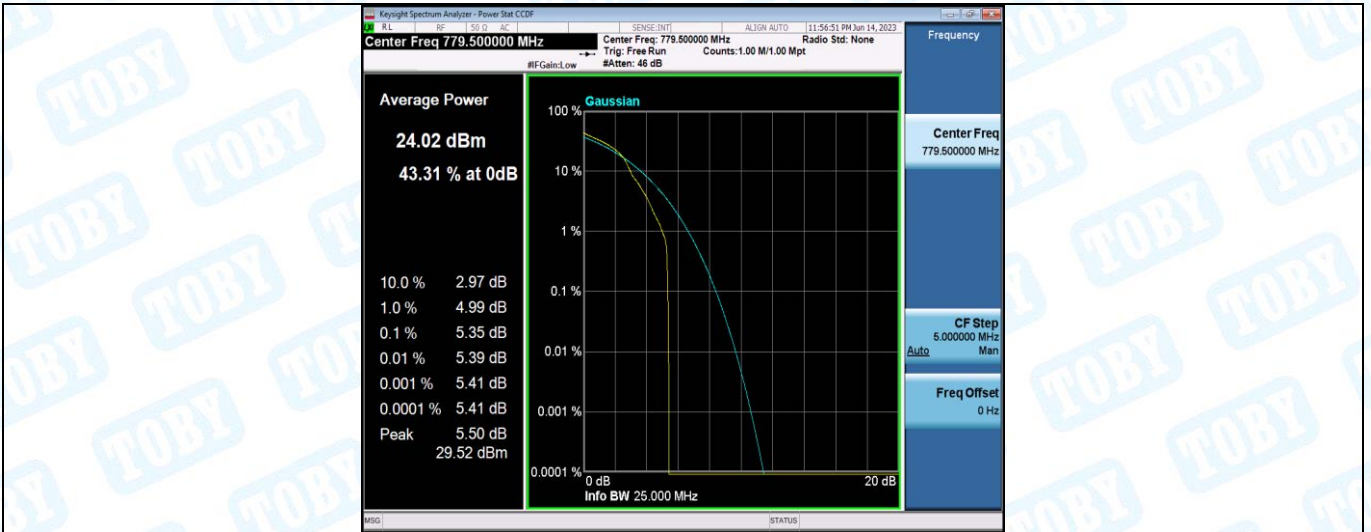
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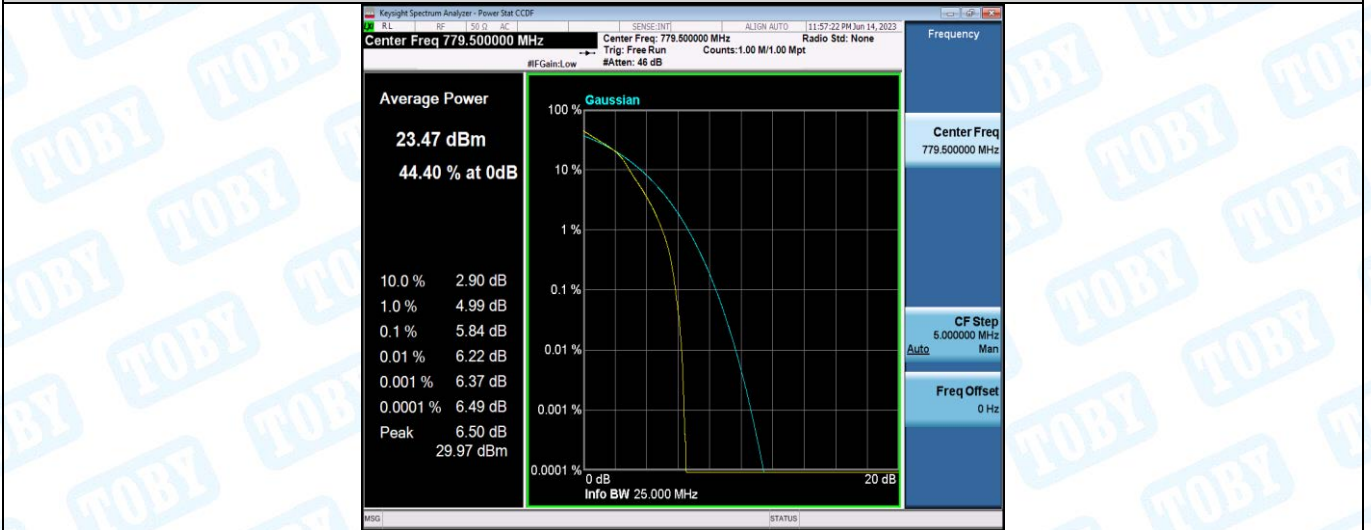
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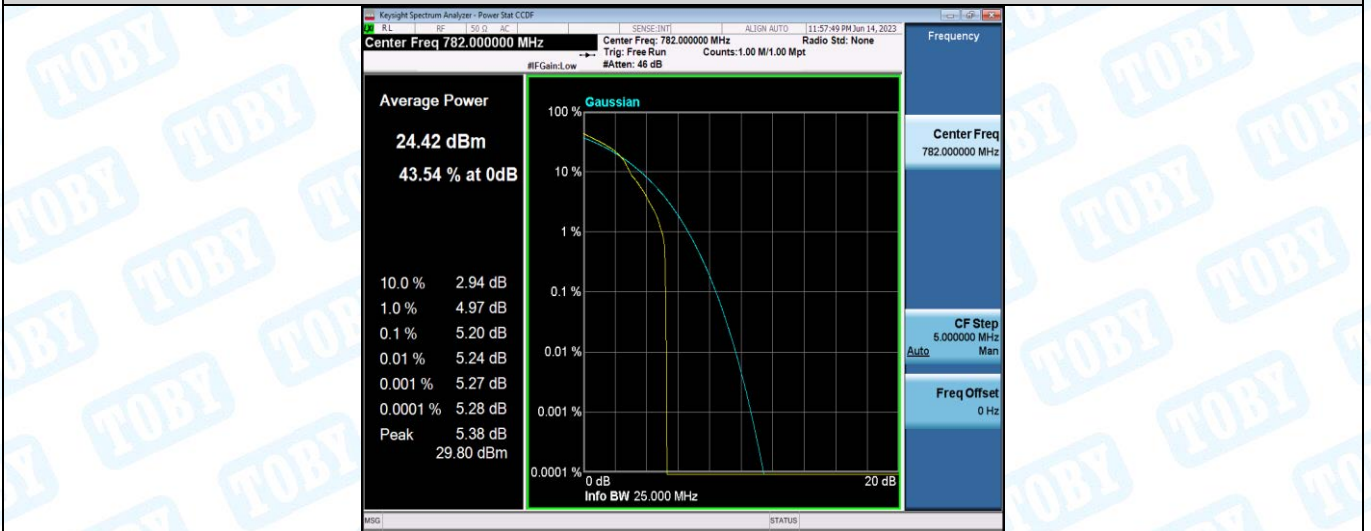
Band13-5MHz-16QAM-23205-1RB#0



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

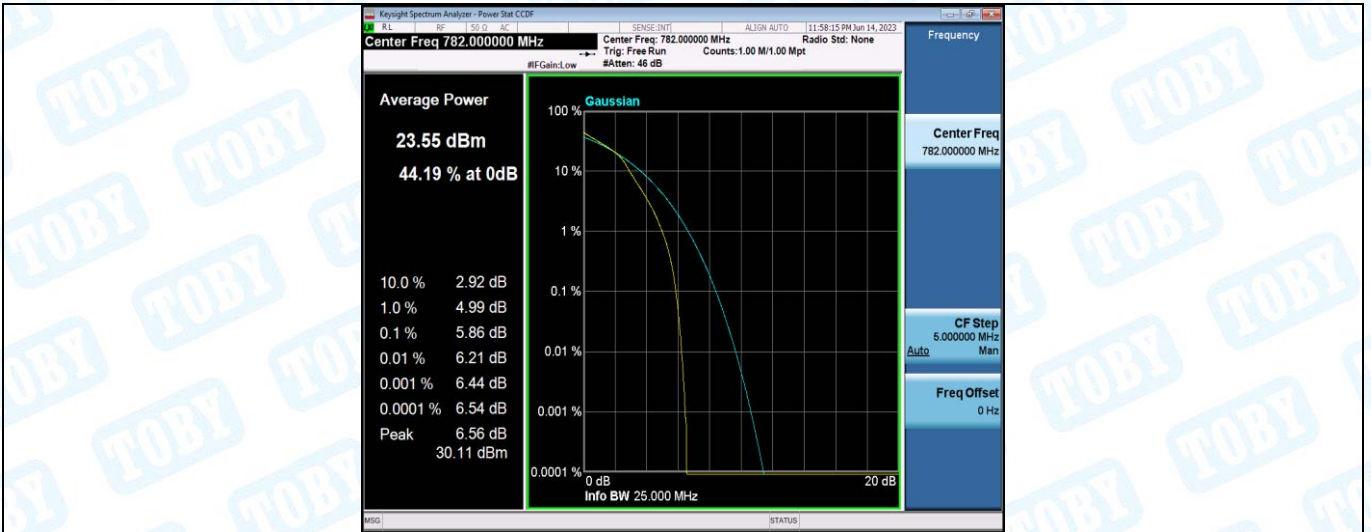


Band13-5MHz-16QAM-23230-1RB#0

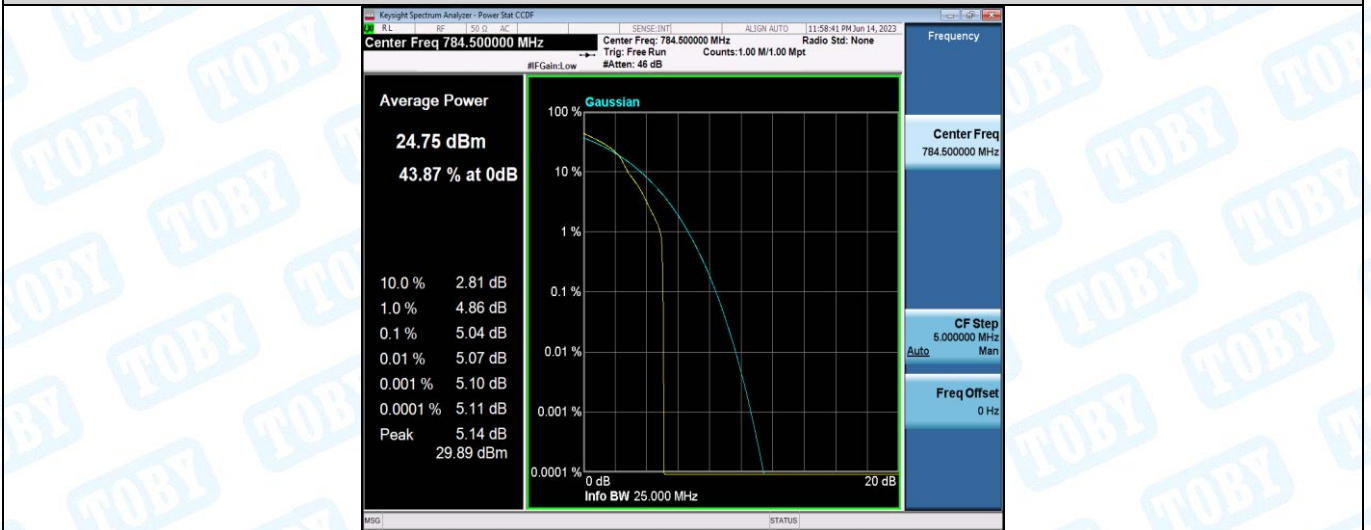


Band13-5MHz-16QAM-23230-25RB#0

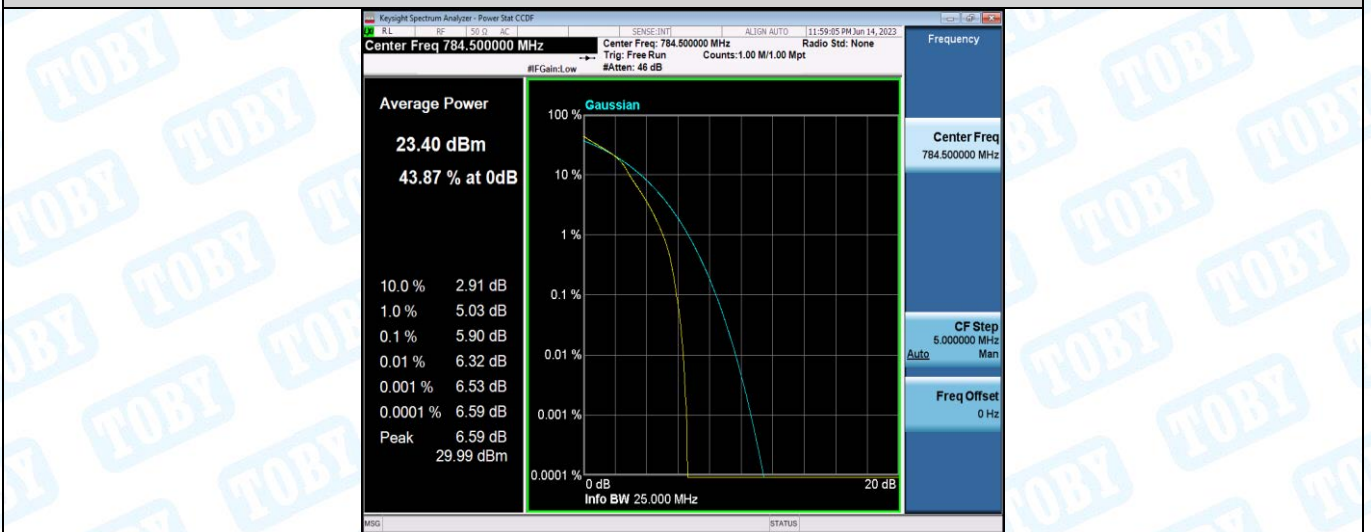




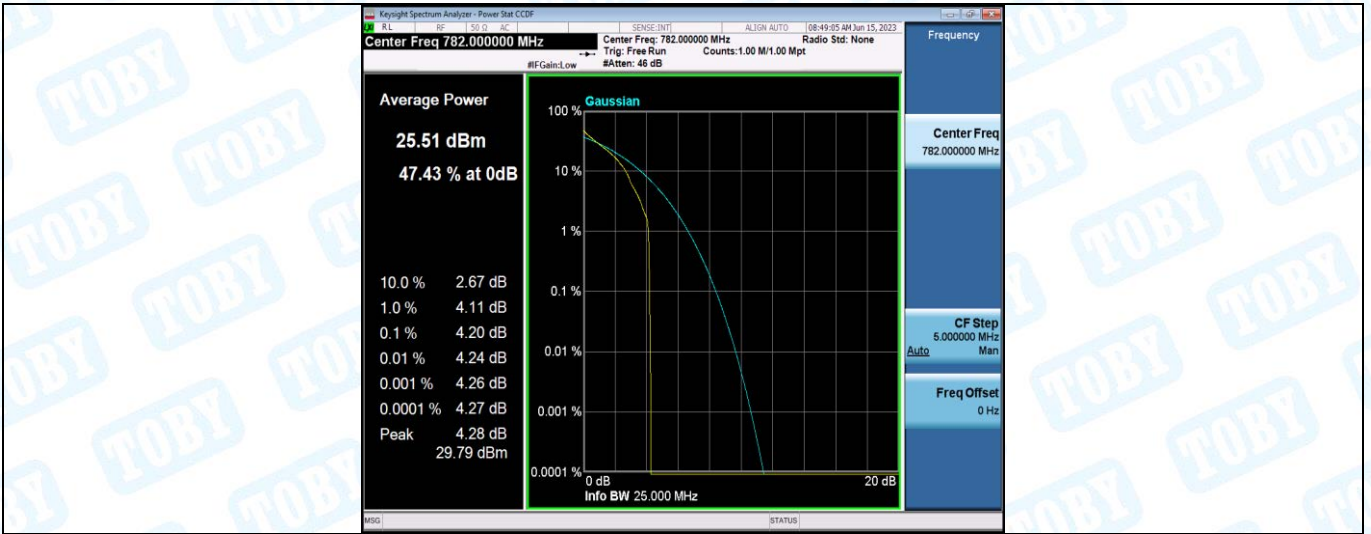
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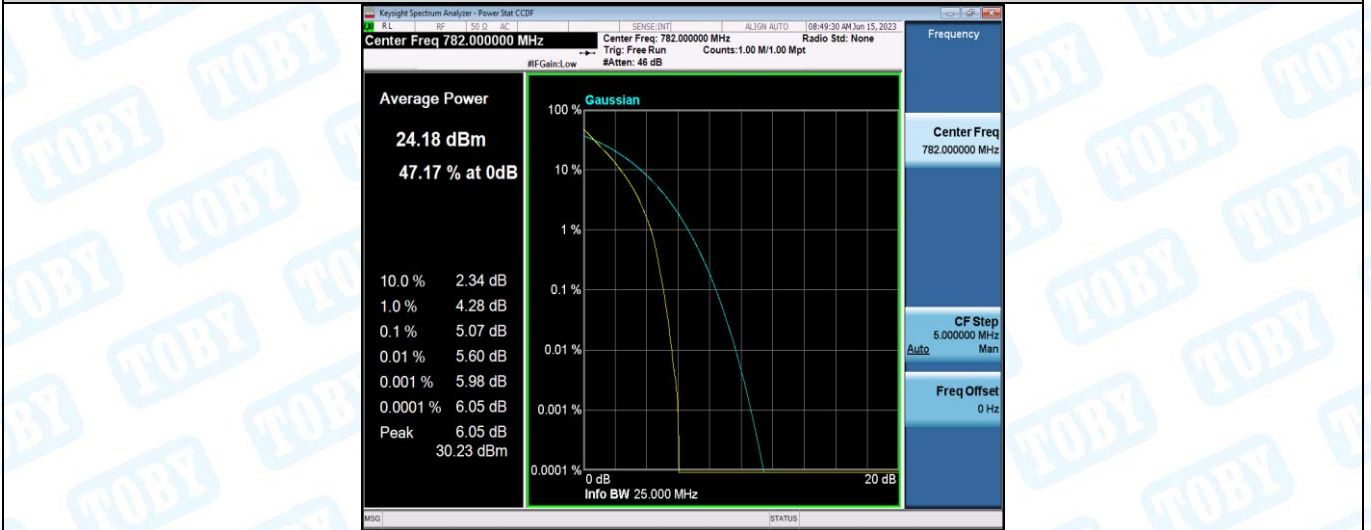
Band13-5MHz-16QAM-23255-25RB#0



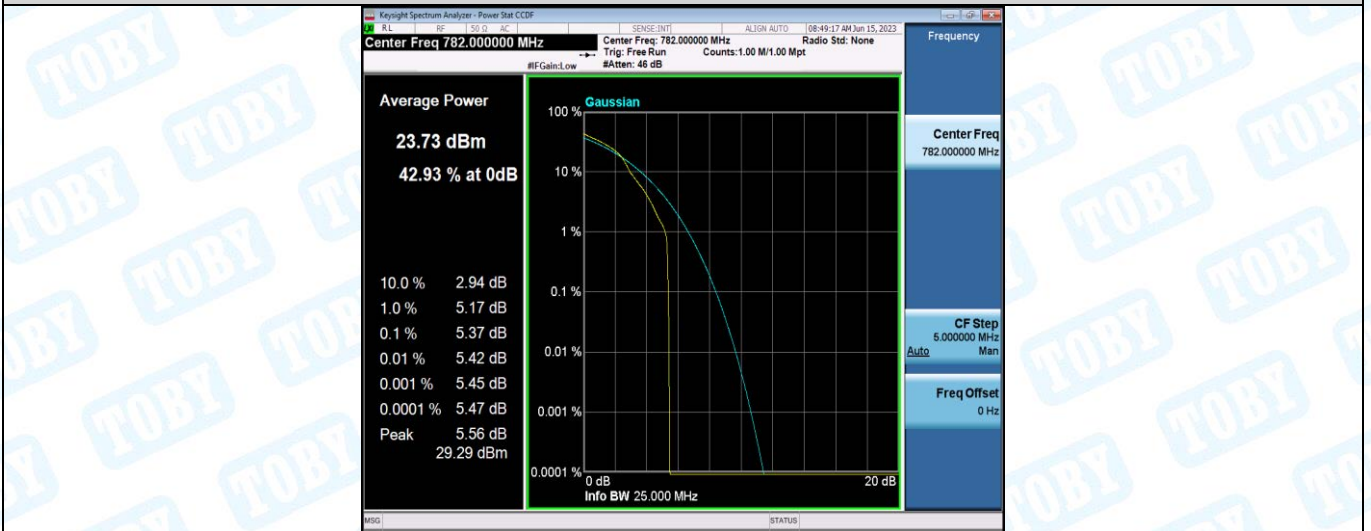
Band13-10MHz-QPSK-23230-1RB#0



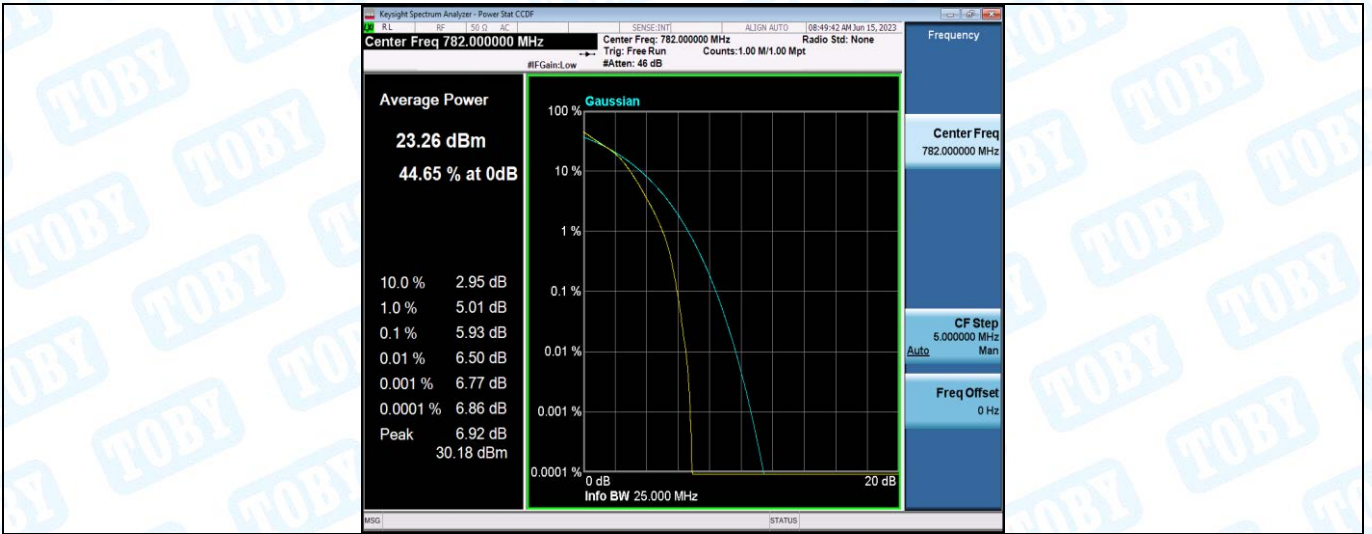
Band13-10MHz-QPSK-23230-50RB#0



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



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



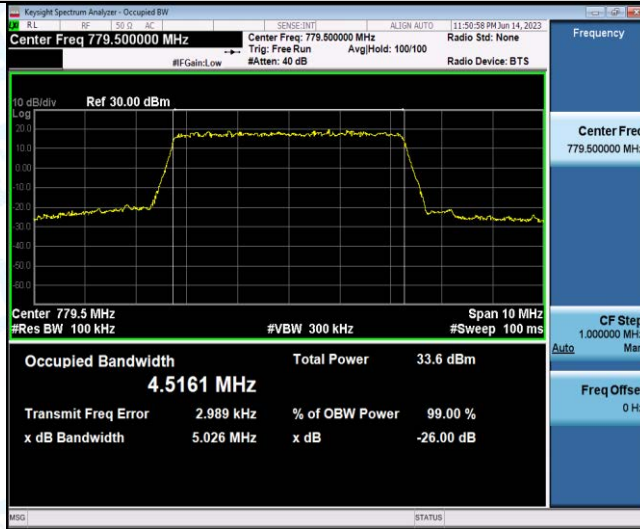
### 3. 26dB Bandwidth and Occupied Bandwidth

#### Test Result

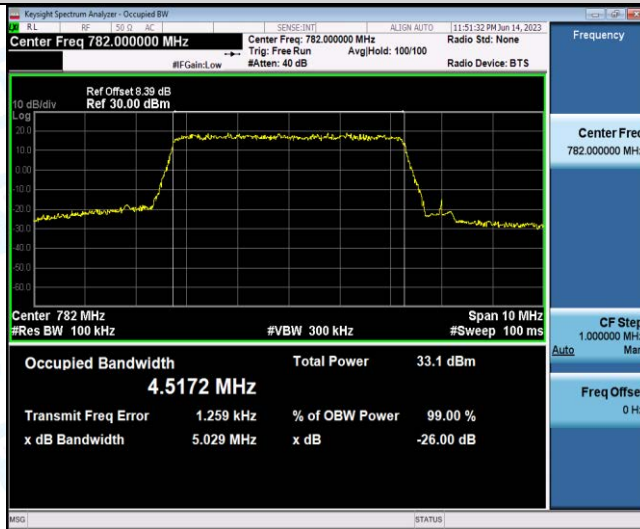
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.5161	5.026	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.5172	5.029	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.4926	4.986	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.4956	4.988	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.4983	4.987	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.5089	5.028	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9751	9.897	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.9714	9.871	PASS

Test Graphs

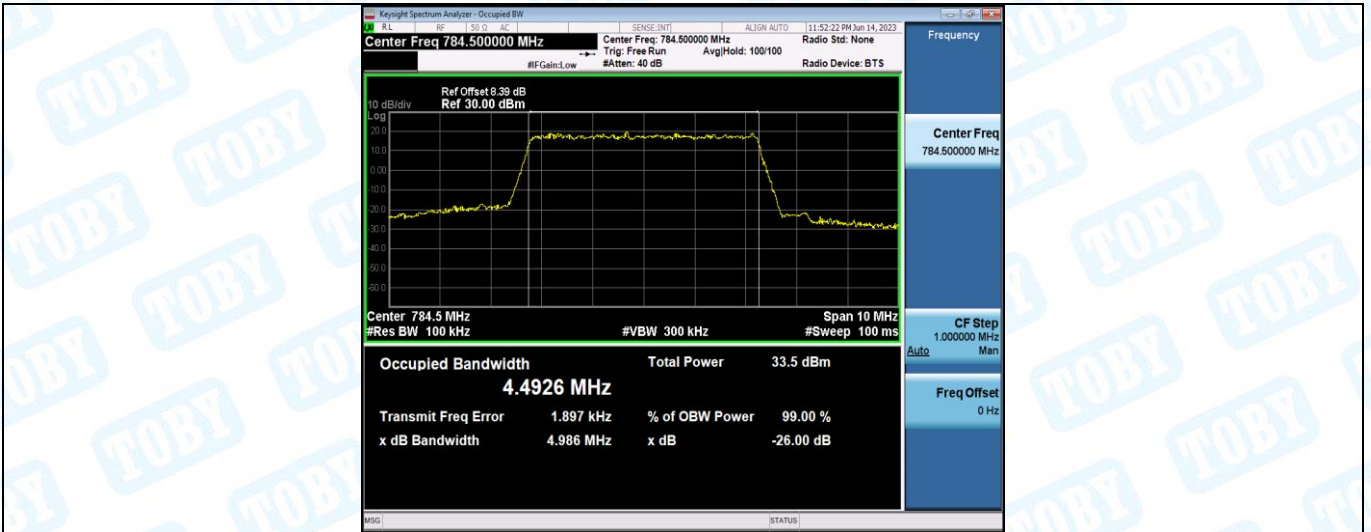
Band13-5MHz-QPSK-23205-25RB#0



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



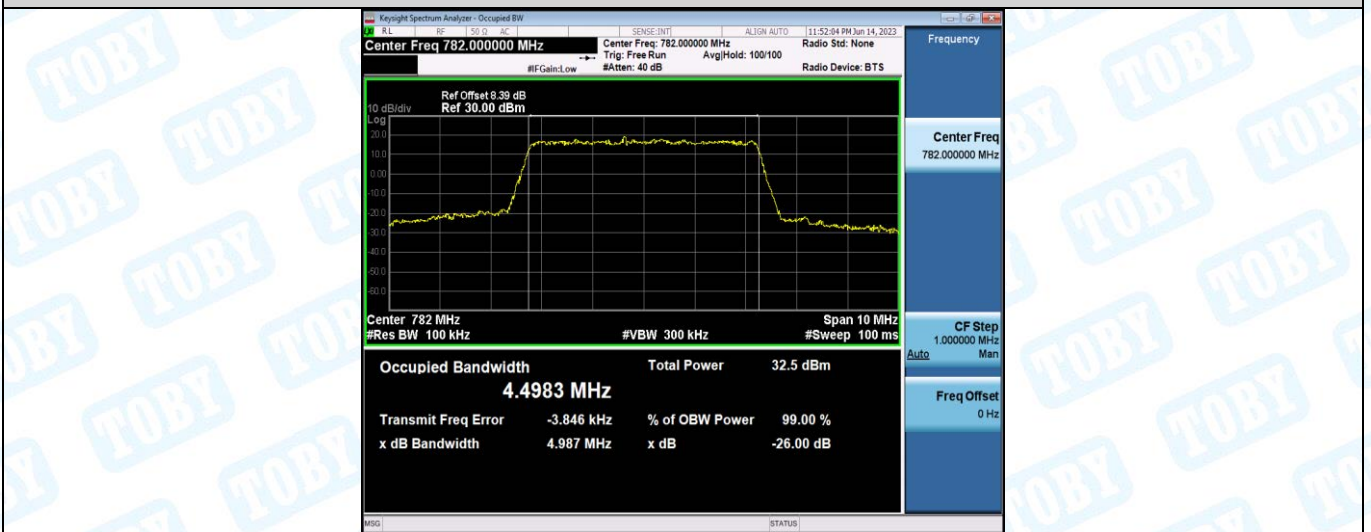
Band13-5MHz-QPSK-23255-25RB#0



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



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



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



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



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



## 4. Band Edge

### Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	-14.89	PASS
Band13	5MHz	QPSK	23205	1RB#24	-50.64	PASS
Band13	5MHz	QPSK	23205	25RB#0	-23.19	PASS
Band13	5MHz	QPSK	23255	1RB#0	-50.68	PASS
Band13	5MHz	QPSK	23255	1RB#24	-14.92	PASS
Band13	5MHz	QPSK	23255	25RB#0	-28.84	PASS
Band13	5MHz	16QAM	23205	1RB#0	-16.30	PASS
Band13	5MHz	16QAM	23205	1RB#24	-51.31	PASS
Band13	5MHz	16QAM	23205	25RB#0	-24.28	PASS
Band13	5MHz	16QAM	23255	1RB#0	-51.29	PASS
Band13	5MHz	16QAM	23255	1RB#24	-17.13	PASS
Band13	5MHz	16QAM	23255	25RB#0	-24.51	PASS
Band13	10MHz	QPSK	23230	1RB#0	-22.92,-46.90	PASS
Band13	10MHz	QPSK	23230	1RB#49	-46.64,-26.71	PASS
Band13	10MHz	QPSK	23230	50RB#0	-25.68,-27.17	PASS
Band13	10MHz	16QAM	23230	1RB#0	-25.25,-47.01	PASS
Band13	10MHz	16QAM	23230	1RB#49	-46.69,-26.60	PASS
Band13	10MHz	16QAM	23230	50RB#0	-26.68,-28.06	PASS



Test Graphs

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



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



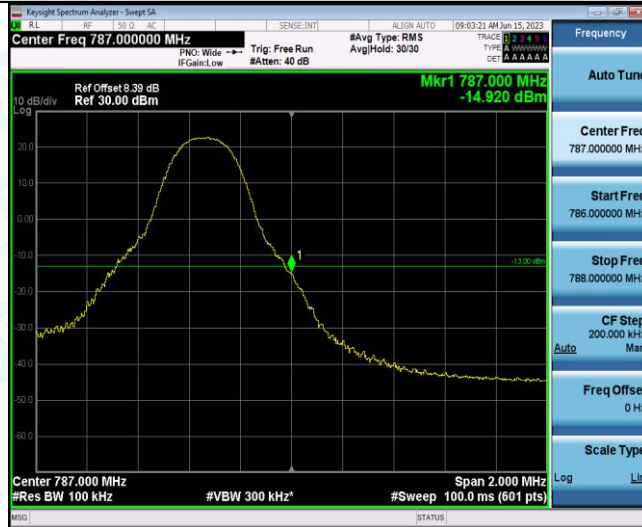
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Band13-5MHz-QPSK-23255-1RB#0



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



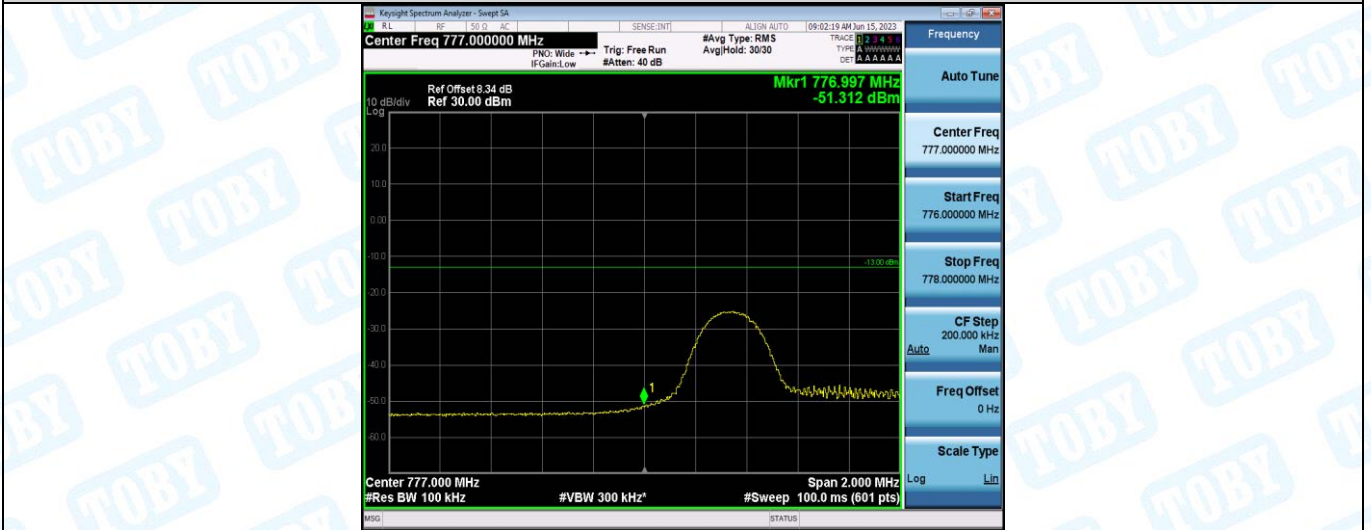
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Band13-5MHz-16QAM-23205-1RB#0



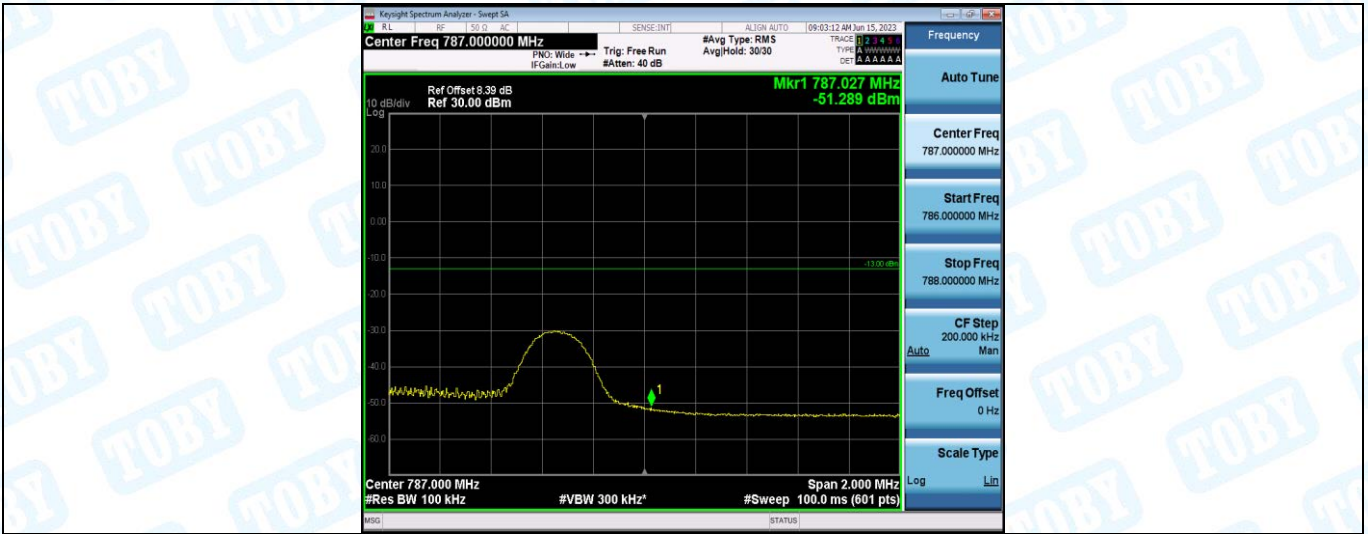
Band13-5MHz-16QAM-23205-1RB#24



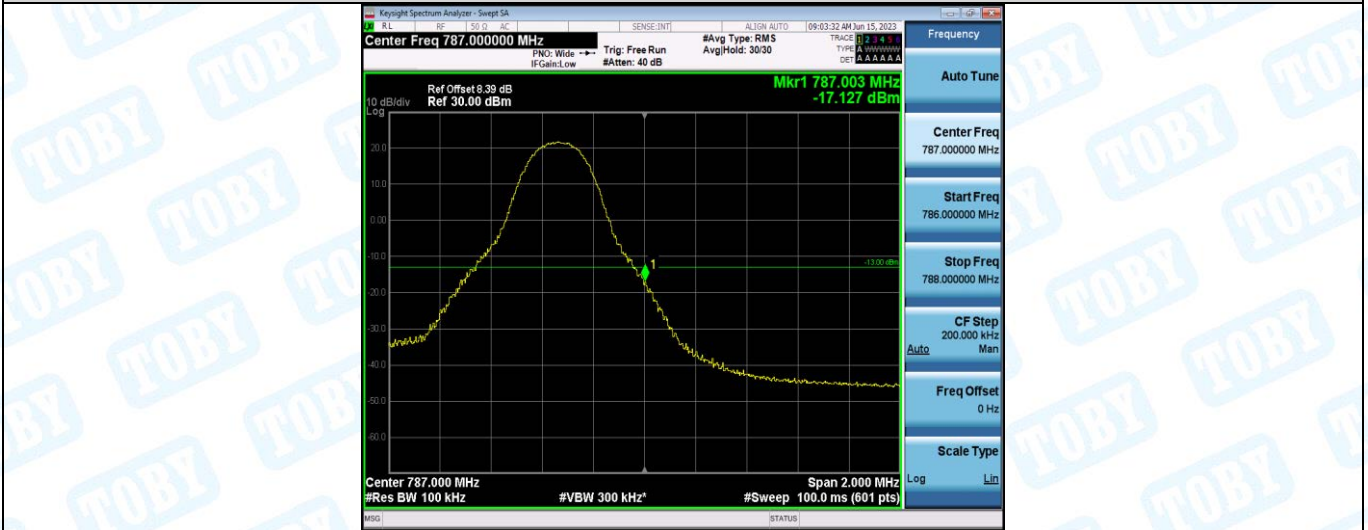
Band13-5MHz-16QAM-23205-25RB#0



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



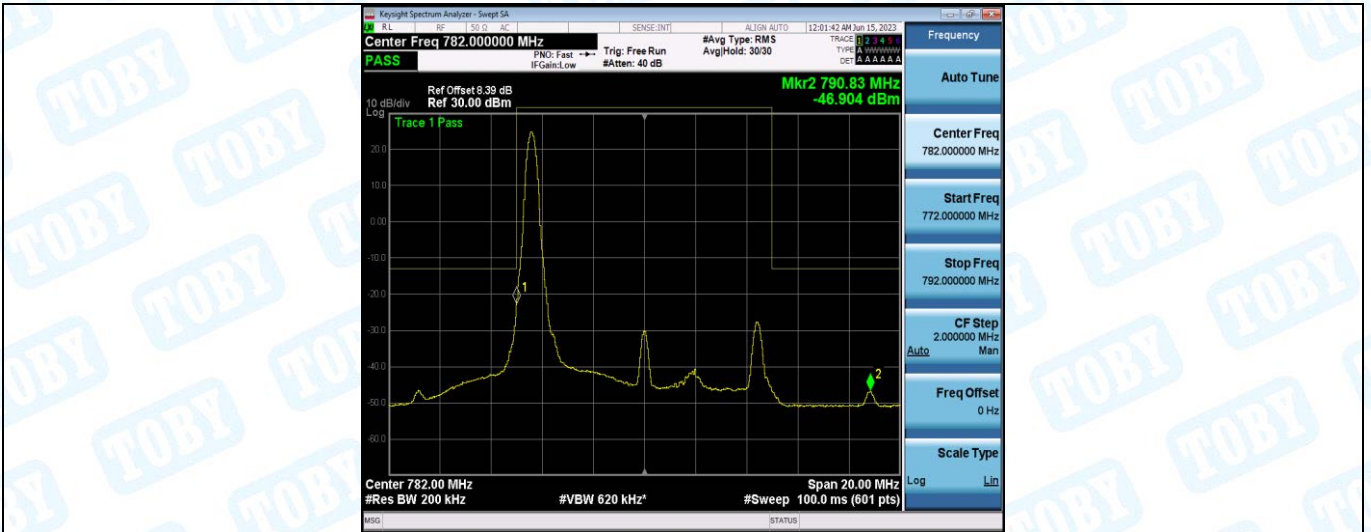
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Band13-5MHz-16QAM-23255-25RB#0



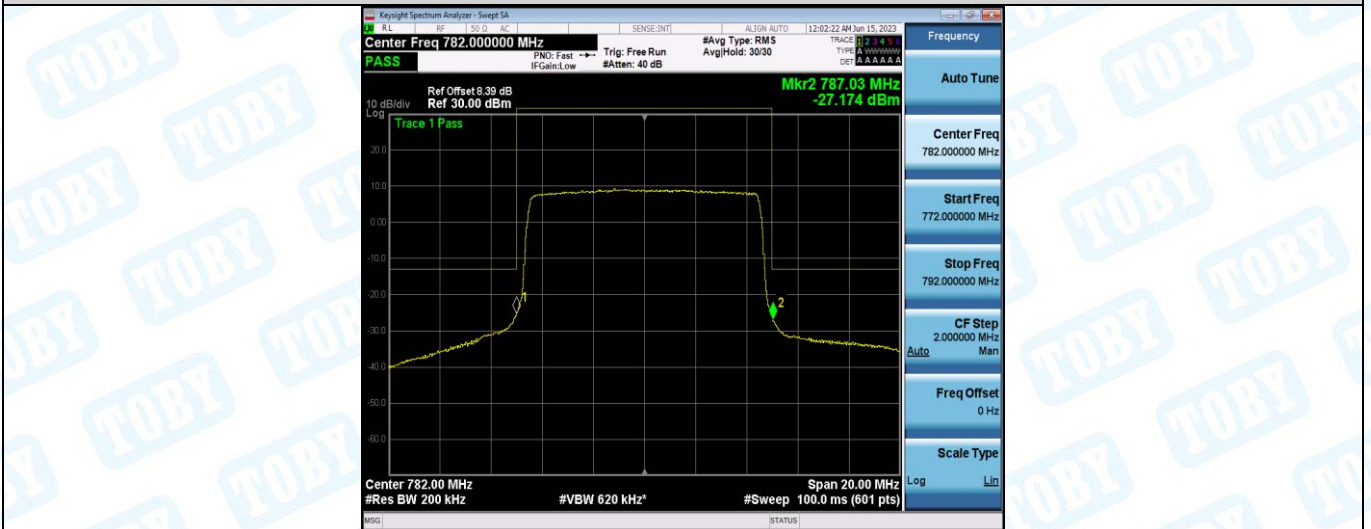
Band13-10MHz-QPSK-23230-1RB#0



Band13-10MHz-QPSK-23230-1RB#49



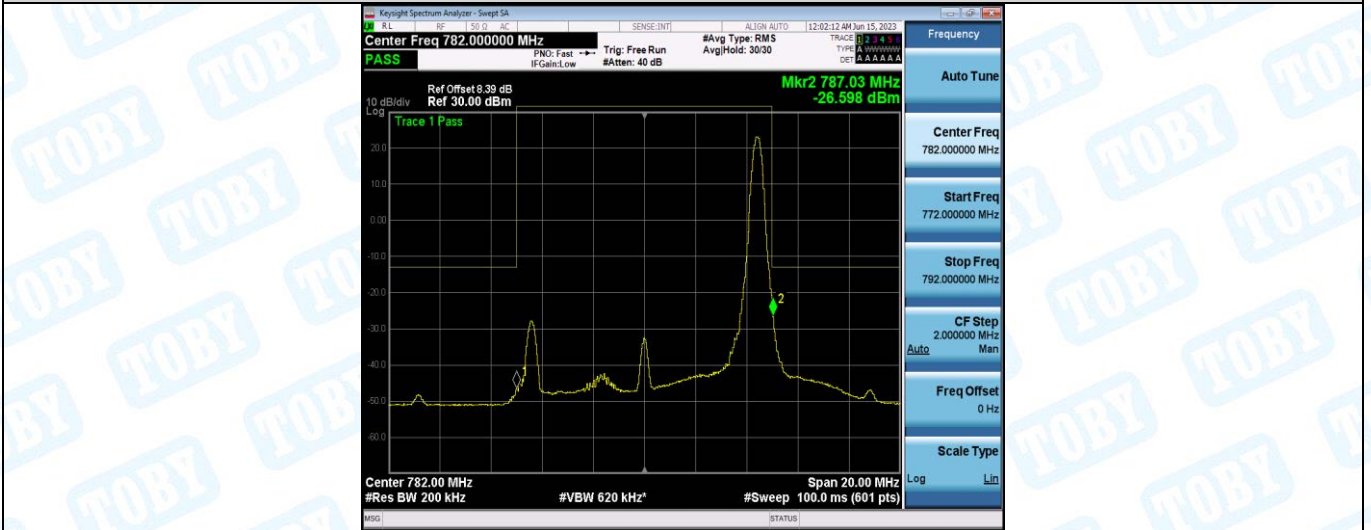
Band13-10MHz-QPSK-23230-50RB#0



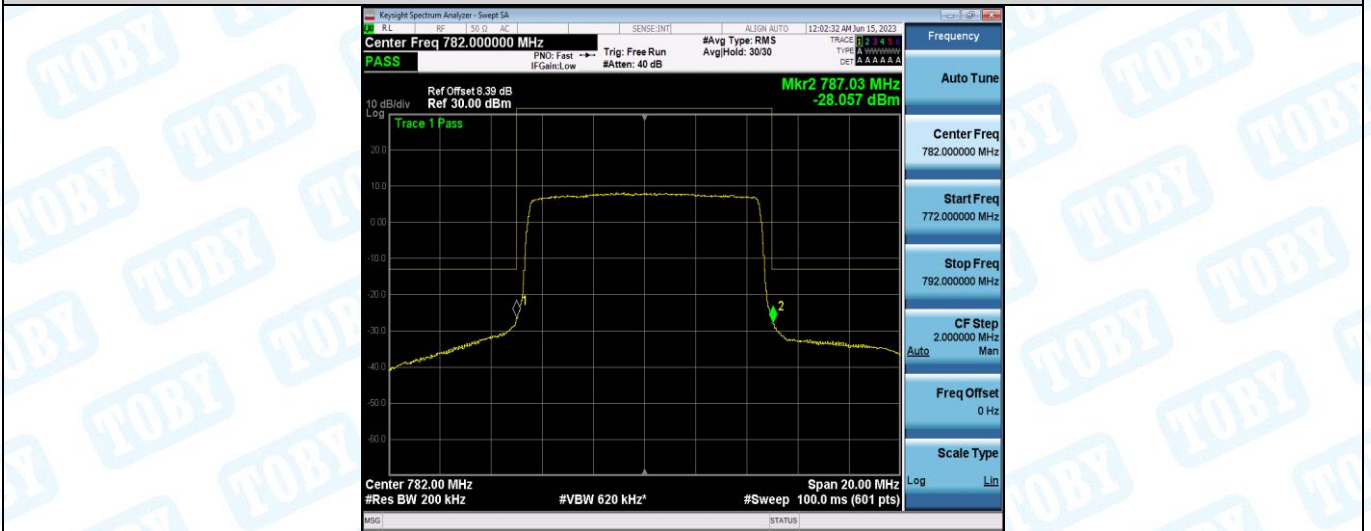
Band13-10MHz-16QAM-23230-1RB#0



Band13-10MHz-16QAM-23230-1RB#49



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



## 5. Conducted Spurious Emission

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	Range2:30~1000MHz	-45.35	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range3:1000~3000MHz	-39.57	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range1:1559~1610MHz	-55.7	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range4:3000~10000MHz	-34.8	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range2:30~1000MHz	-45.03	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range3:1000~3000MHz	-38.7	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range1:1559~1610MHz	-54.18	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range4:3000~10000MHz	-34.89	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range2:30~1000MHz	-45.97	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range3:1000~3000MHz	-38.68	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range1:1559~1610MHz	-51.8	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range4:3000~10000MHz	-35.08	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range2:30~1000MHz	-45.82	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range3:1000~3000MHz	-39.56	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range1:1559~1610MHz	-60.14	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range4:3000~10000MHz	-34.04	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range2:30~1000MHz	-44.07	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range3:1000~3000MHz	-39.49	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range1:1559~1610MHz	-54.85	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range4:3000~10000MHz	-34.05	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range2:30~1000MHz	-45.46	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range3:1000~3000MHz	-38.96	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range1:1559~1610MHz	-51.88	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range4:3000~10000MHz	-34.54	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range2:30~1000MHz	-45.28	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range3:1000~3000MHz	-37.18	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range1:1559~1610MHz	-59.77	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range4:3000~10000MHz	-34.54	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range2:30~1000MHz	-45.11	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range3:1000~3000MHz	-38.91	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range1:1559~1610MHz	-60.2	PASS



Shenzhen Toby Technology Co., Ltd.

[Http://www.tobylab.cn](http://www.tobylab.cn)

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Report No.: TBR-C-202305-0244-51

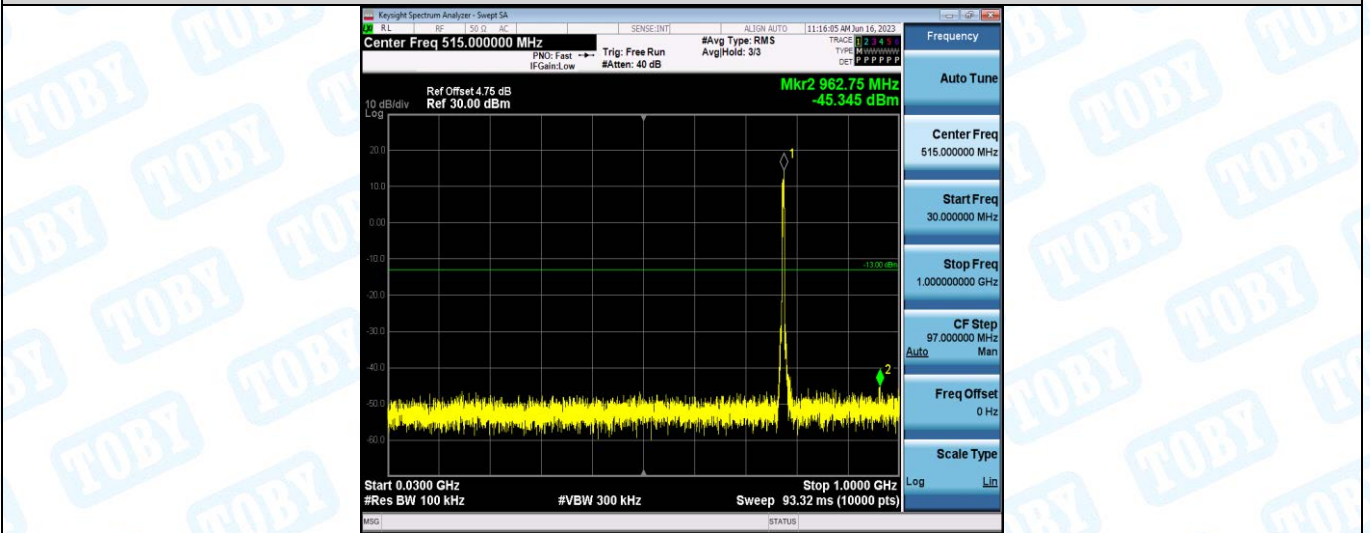
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Band13	10MHz	16QAM	23230	1RB#0	Range4:3000~10000MHz	-34.57	PASS
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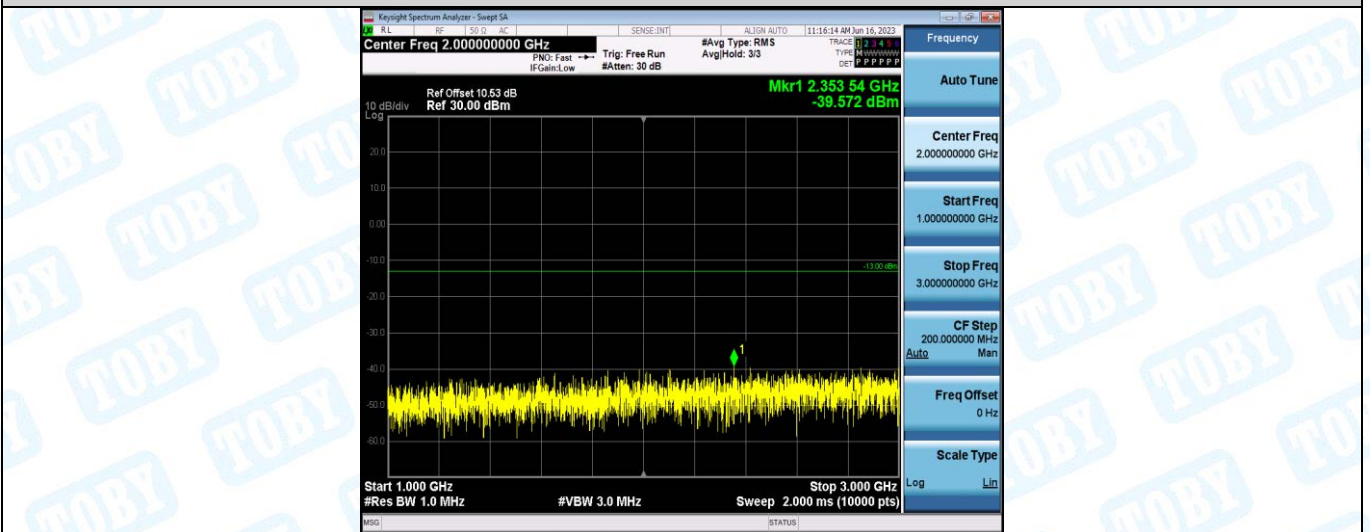


Test Graphs

Band13-5MHz-QPSK-23205-1RB#0-Range2:30~1000MHz



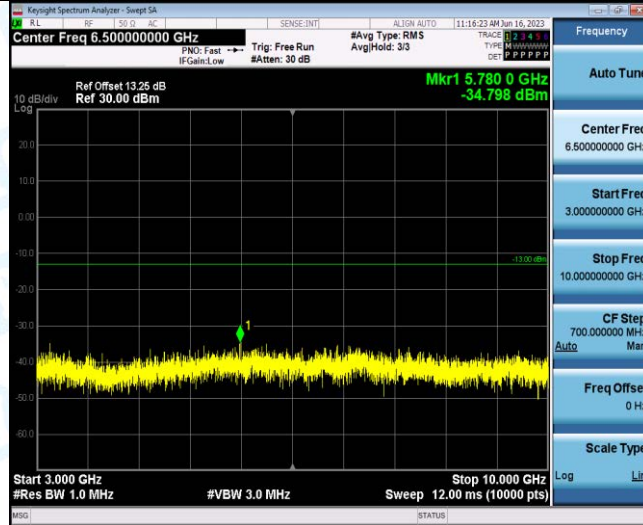
Band13-5MHz-QPSK-23205-1RB#0-Range3:1000~3000MHz



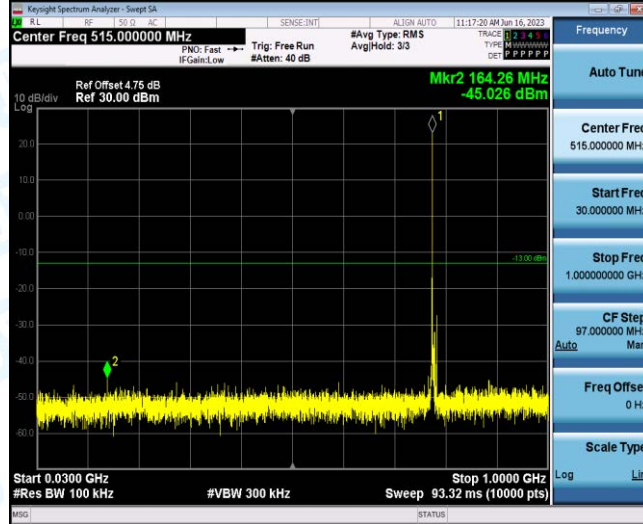
Band13-5MHz-QPSK-23205-1RB#0-Range1:1559~1610MHz



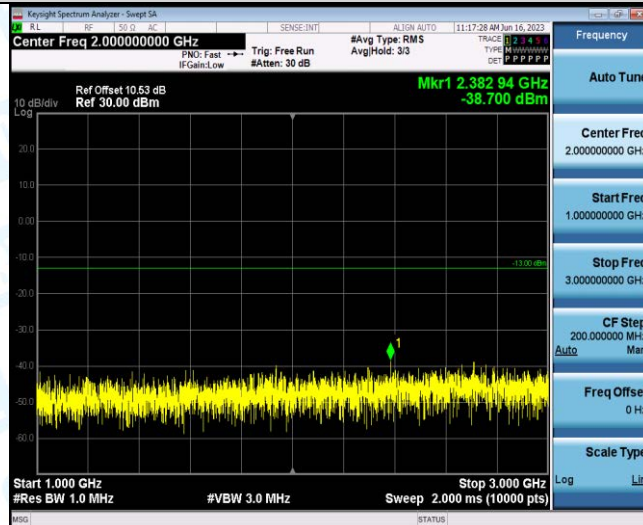
Band13-5MHz-QPSK-23205-1RB#0-Range4:3000~10000MHz



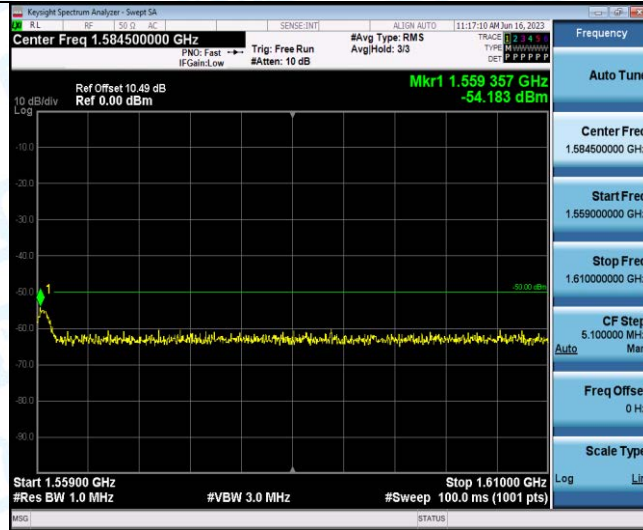
Band13-5MHz-QPSK-23230-1RB#0-Range2:30~1000MHz



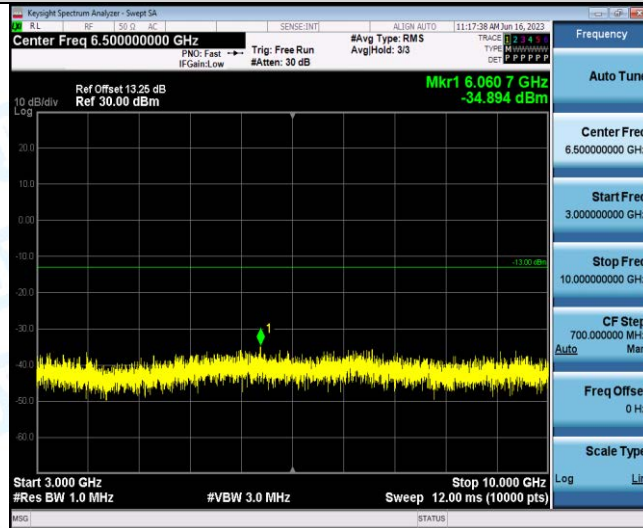
Band13-5MHz-QPSK-23230-1RB#0-Range3:1000~3000MHz



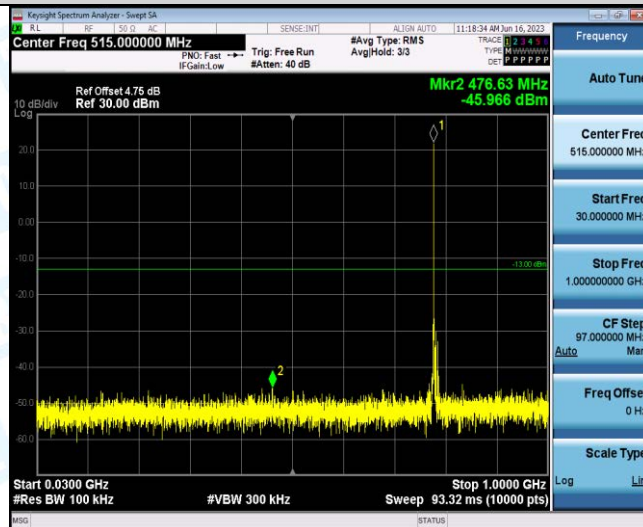
Band13-5MHz-QPSK-23230-1RB#0-Range1:1559~1610MHz



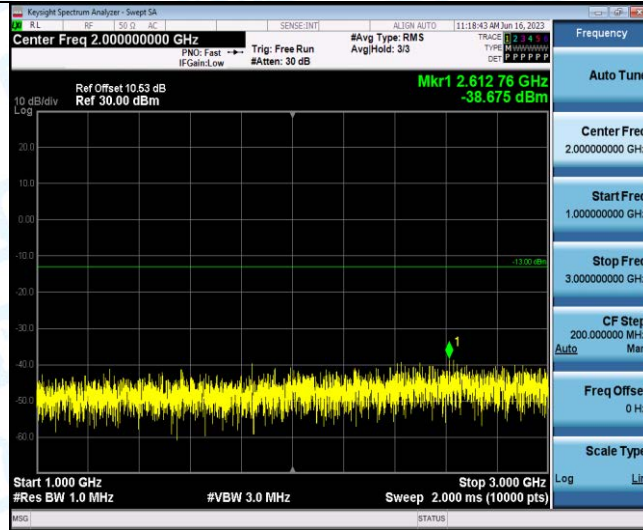
Band13-5MHz-QPSK-23230-1RB#0-Range4:3000~10000MHz



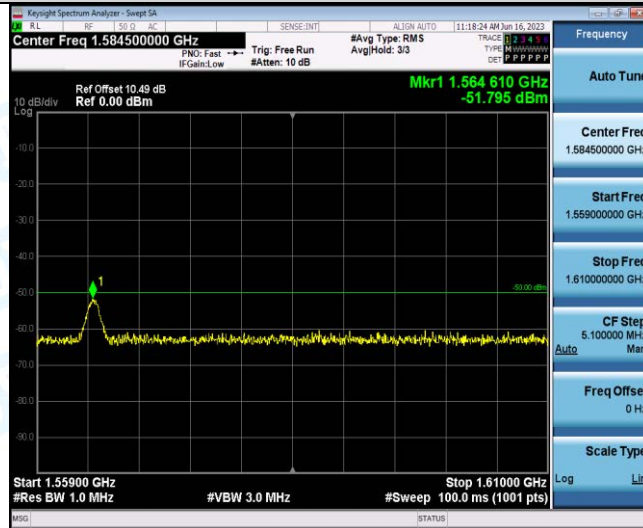
Band13-5MHz-QPSK-23255-1RB#0-Range2:30~1000MHz



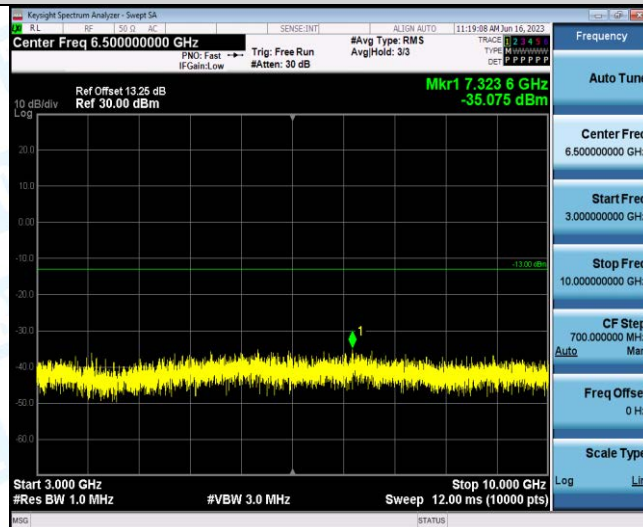
Band13-5MHz-QPSK-23255-1RB#0-Range3:1000~3000MHz



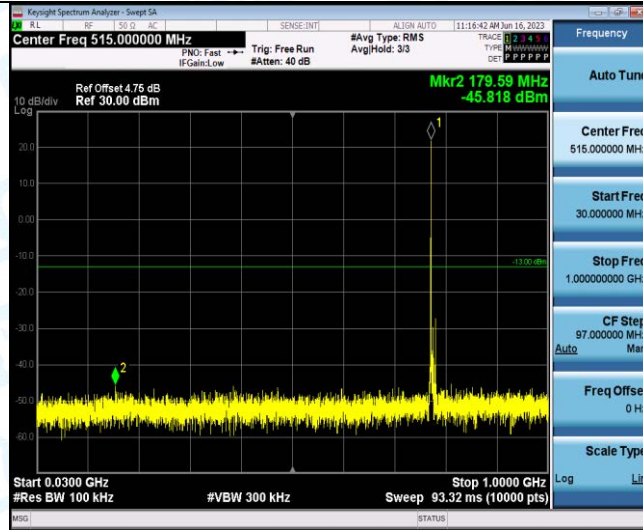
Band13-5MHz-QPSK-23255-1RB#0-Range1:1559~1610MHz



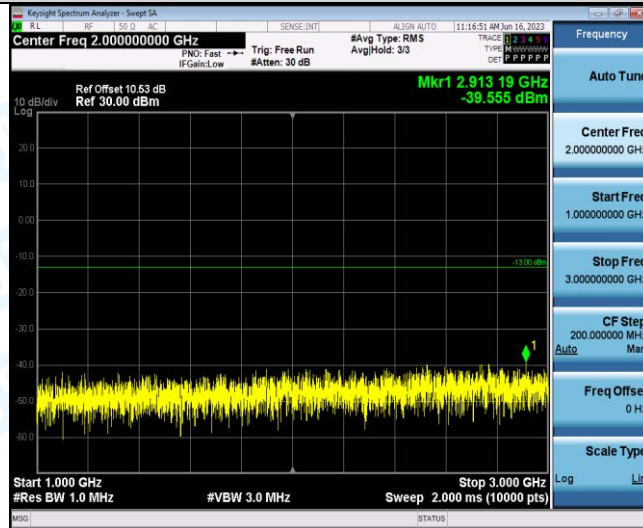
Band13-5MHz-QPSK-23255-1RB#0-Range4:3000~10000MHz



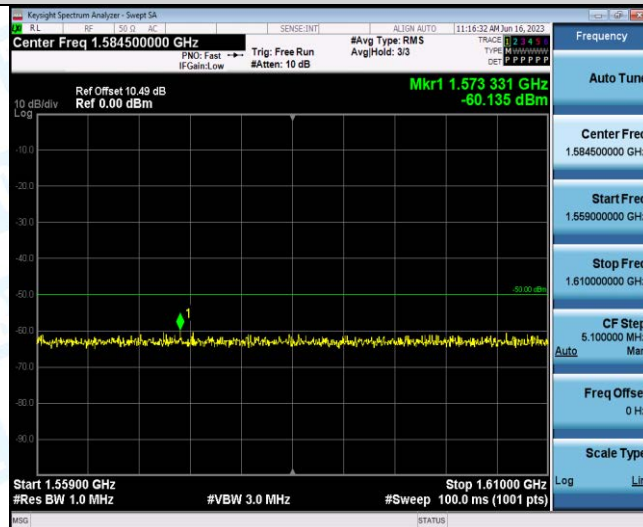
Band13-5MHz-16QAM-23205-1RB#0-Range2:30~10000MHz



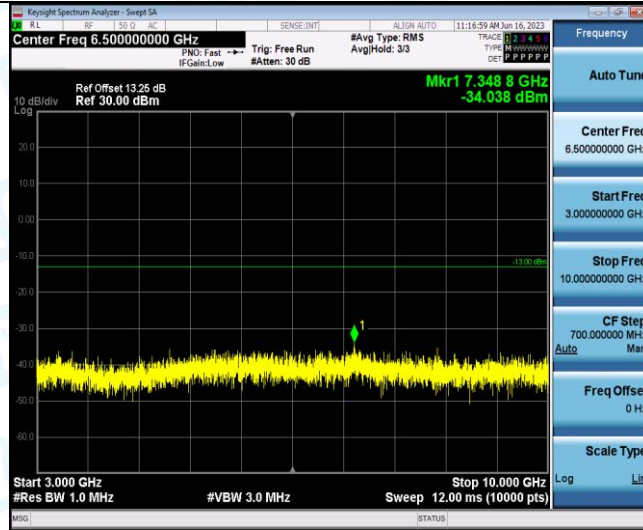
Band13-5MHz-16QAM-23205-1RB#0-Range3:1000~3000MHz



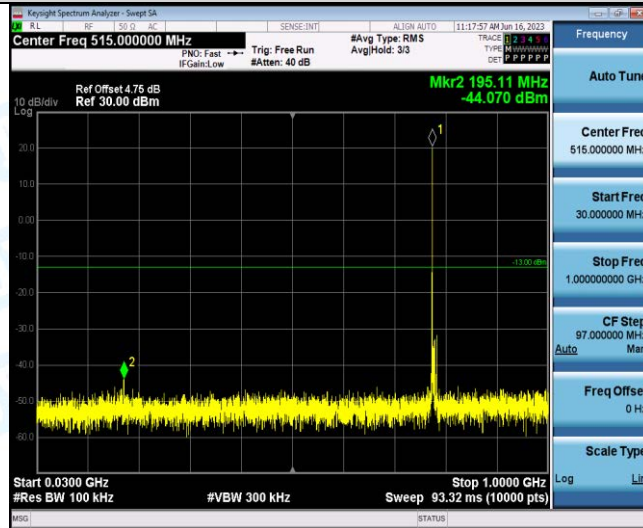
Band13-5MHz-16QAM-23205-1RB#0-Range1:1559~1610MHz



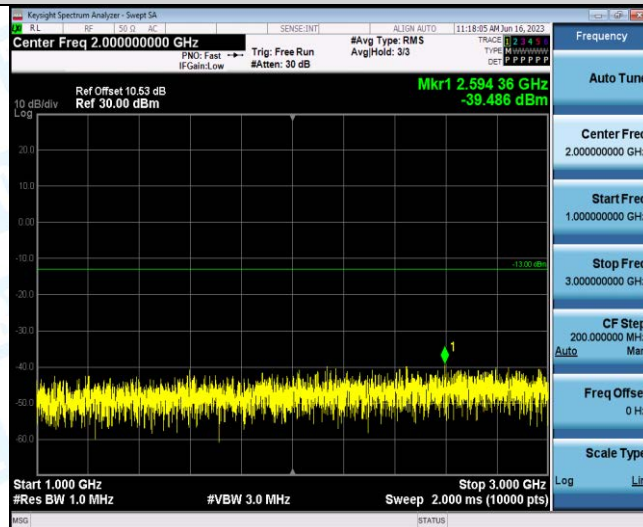
Band13-5MHz-16QAM-23205-1RB#0-Range4:3000~10000MHz



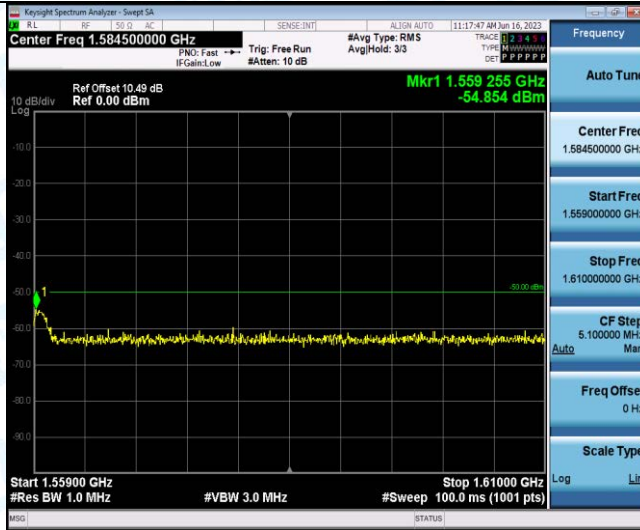
Band13-5MHz-16QAM-23230-1RB#0-Range2:30~1000MHz



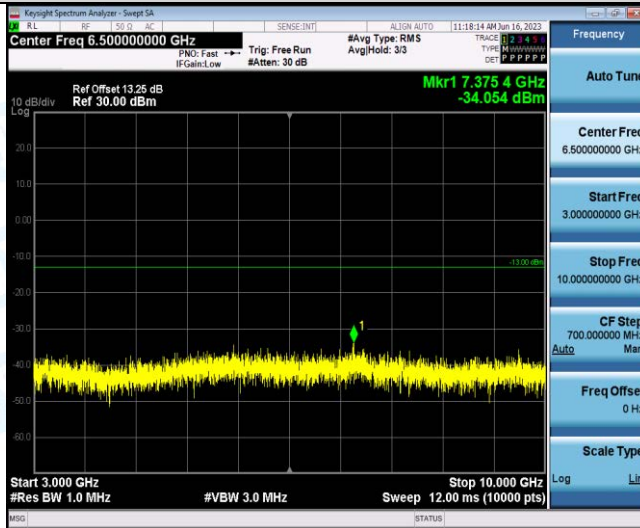
Band13-5MHz-16QAM-23230-1RB#0-Range3:1000~3000MHz



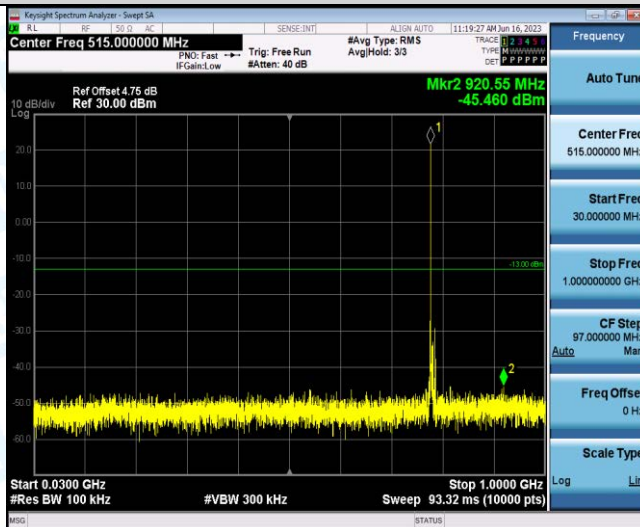
Band13-5MHz-16QAM-23230-1RB#0-Range1:1559~1610MHz



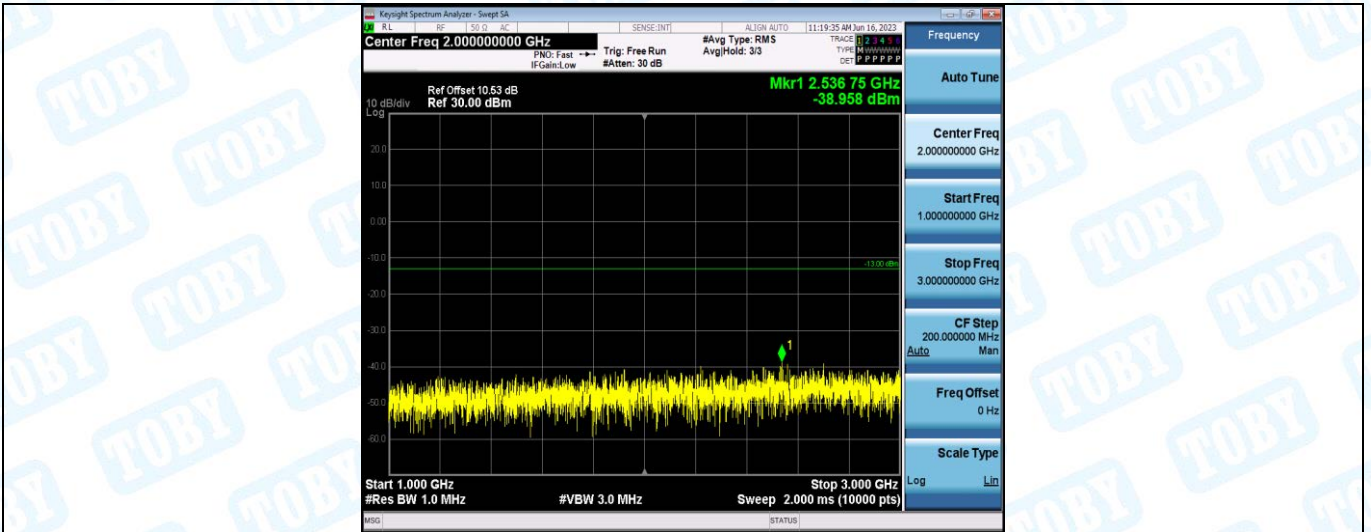
Band13-5MHz-16QAM-23230-1RB#0-Range4:3000~10000MHz



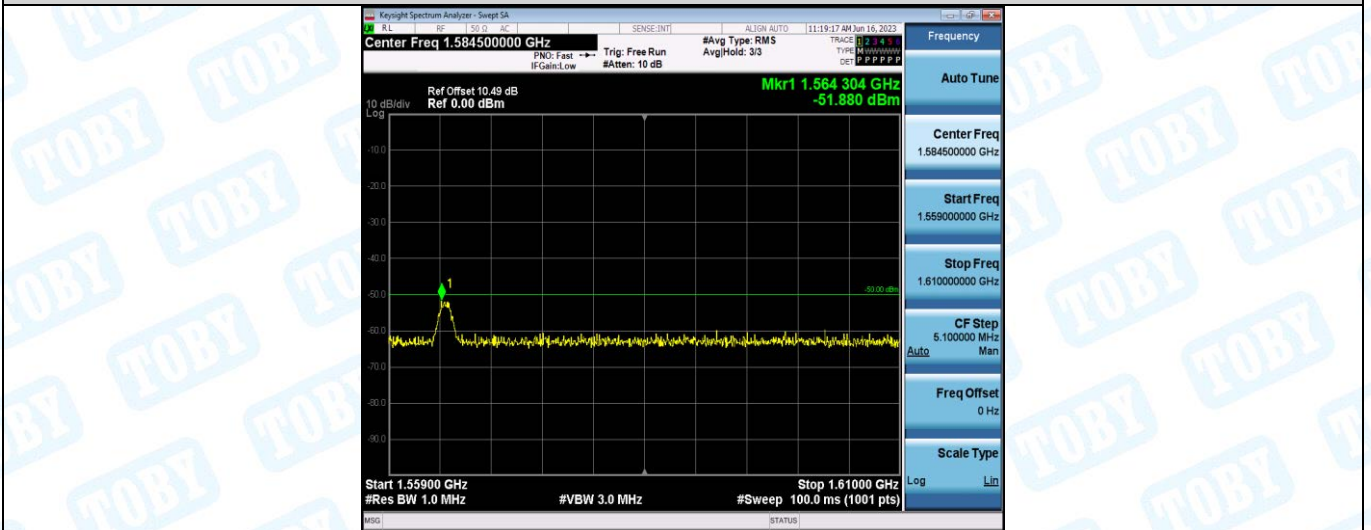
Band13-5MHz-16QAM-23255-1RB#0-Range2:30~1000MHz



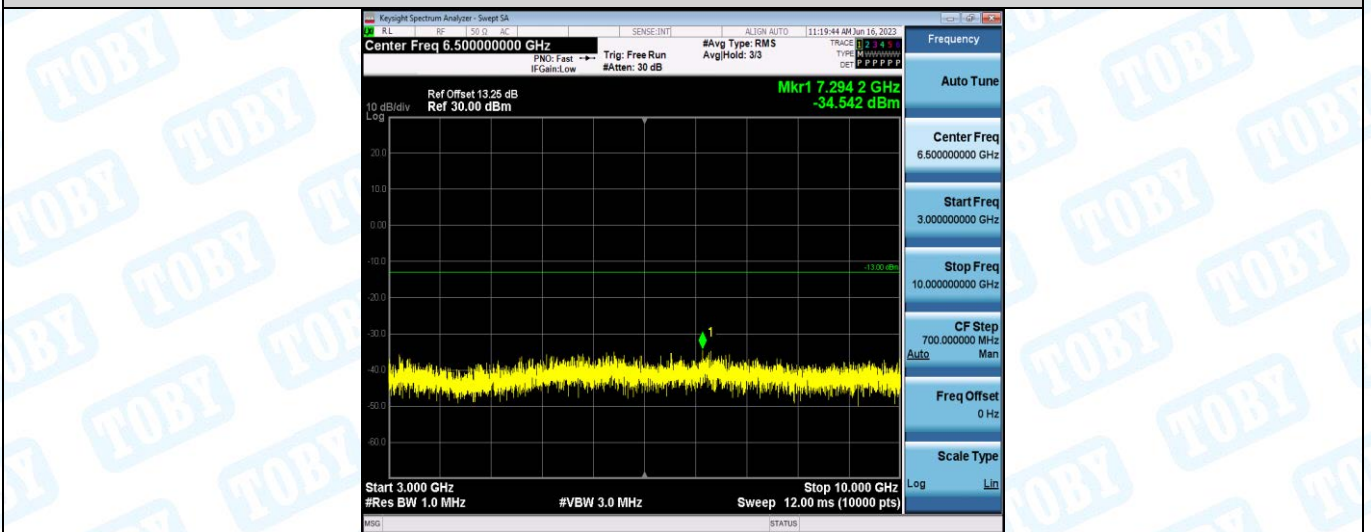
Band13-5MHz-16QAM-23255-1RB#0-Range3:1000~3000MHz



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

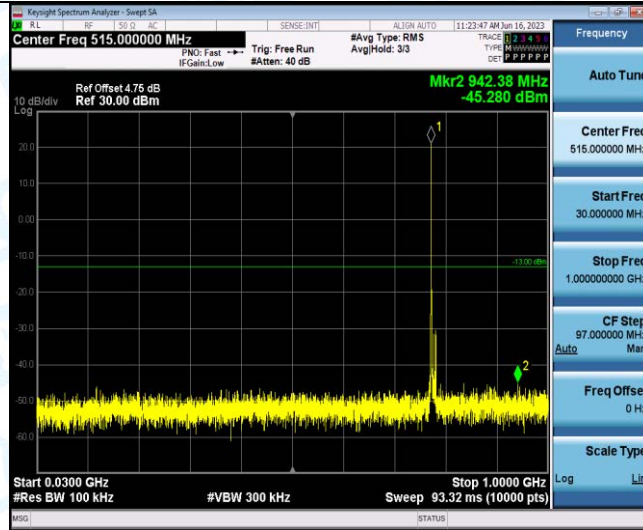


Band13-5MHz-16QAM-23255-1RB#0-Range4:3000~10000MHz

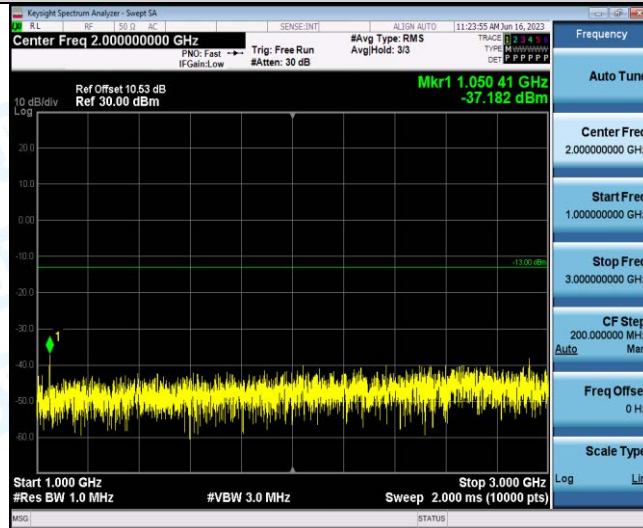


Band13-10MHz-QPSK-23230-1RB#0-Range2:30~1000MHz

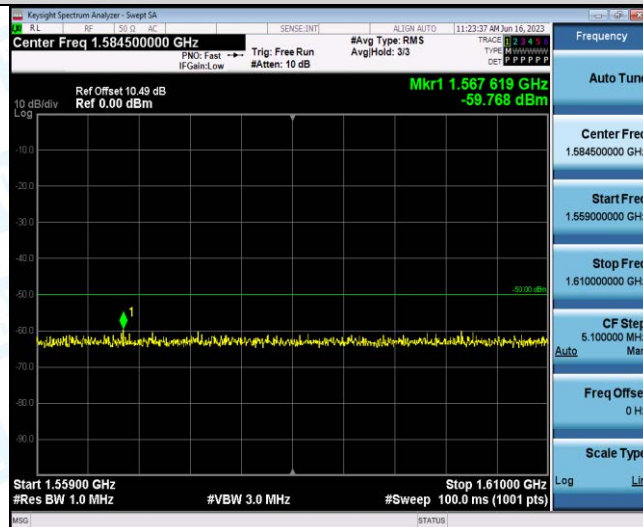




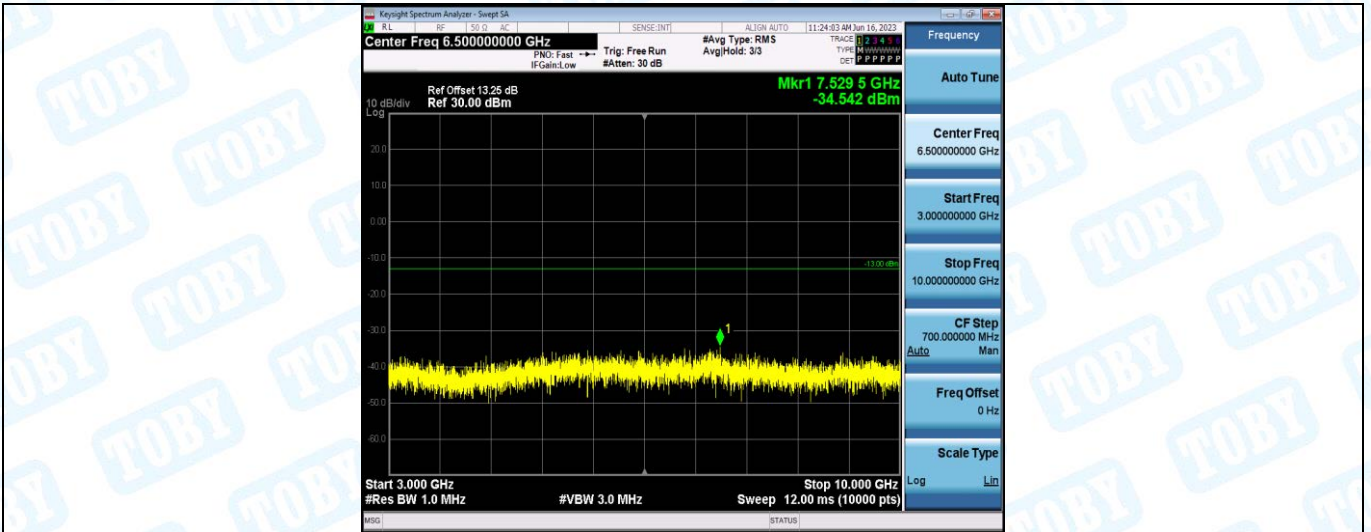
Band13-10MHz-QPSK-23230-1RB#0-Range3:1000~3000MHz



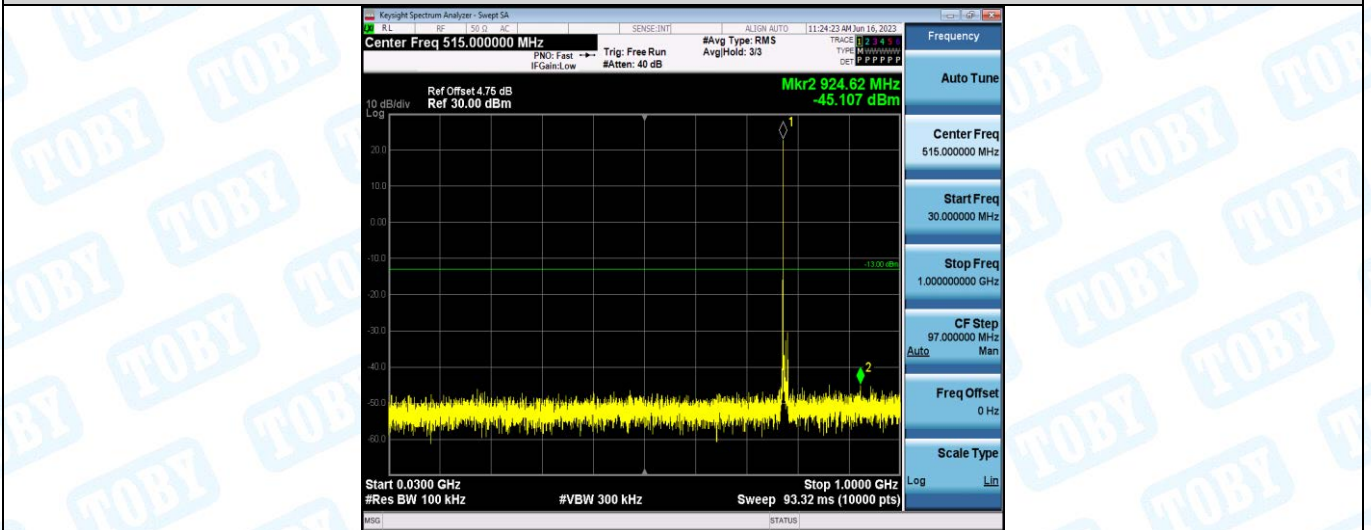
Band13-10MHz-QPSK-23230-1RB#0-Range1:1559~1610MHz



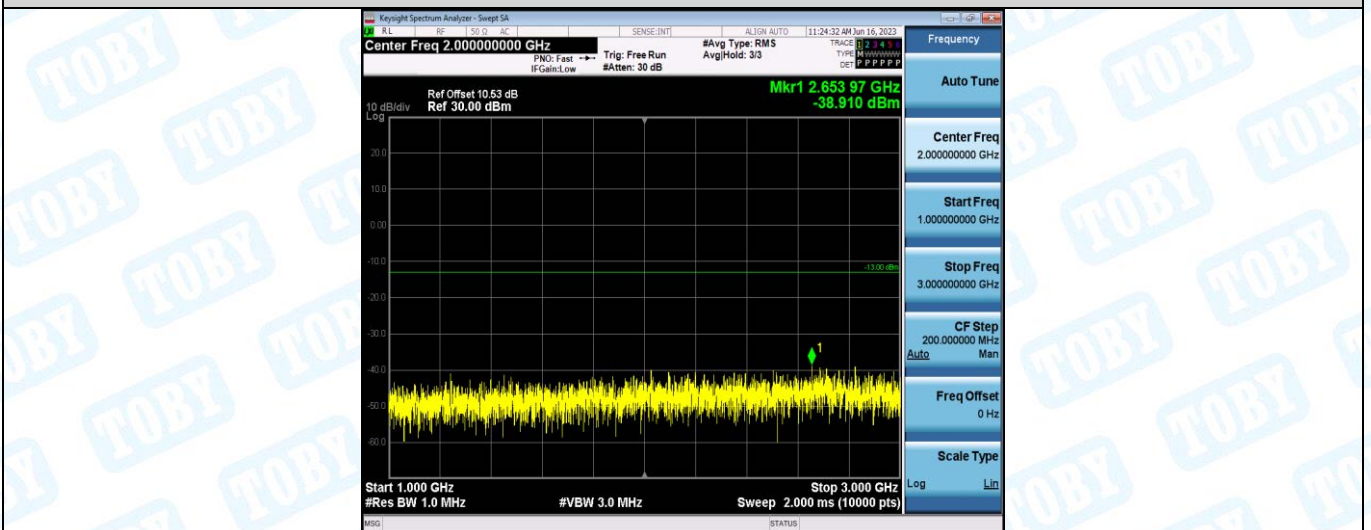
Band13-10MHz-QPSK-23230-1RB#0-Range4:3000~10000MHz



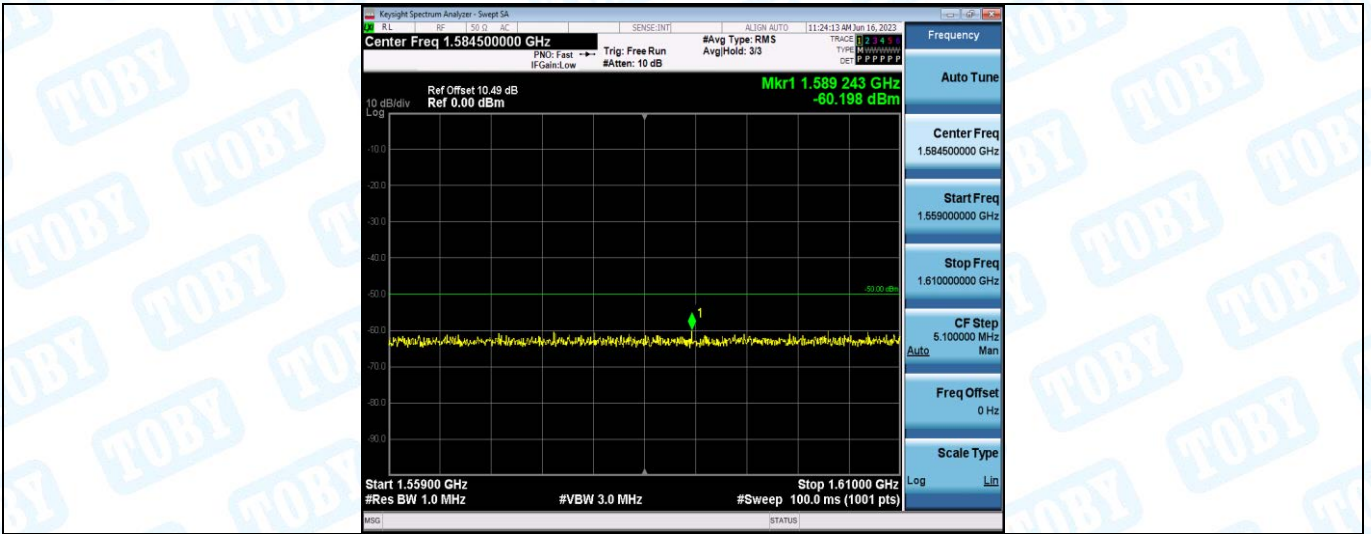
Band13-10MHz-16QAM-23230-1RB#0-Range2:30~1000MHz



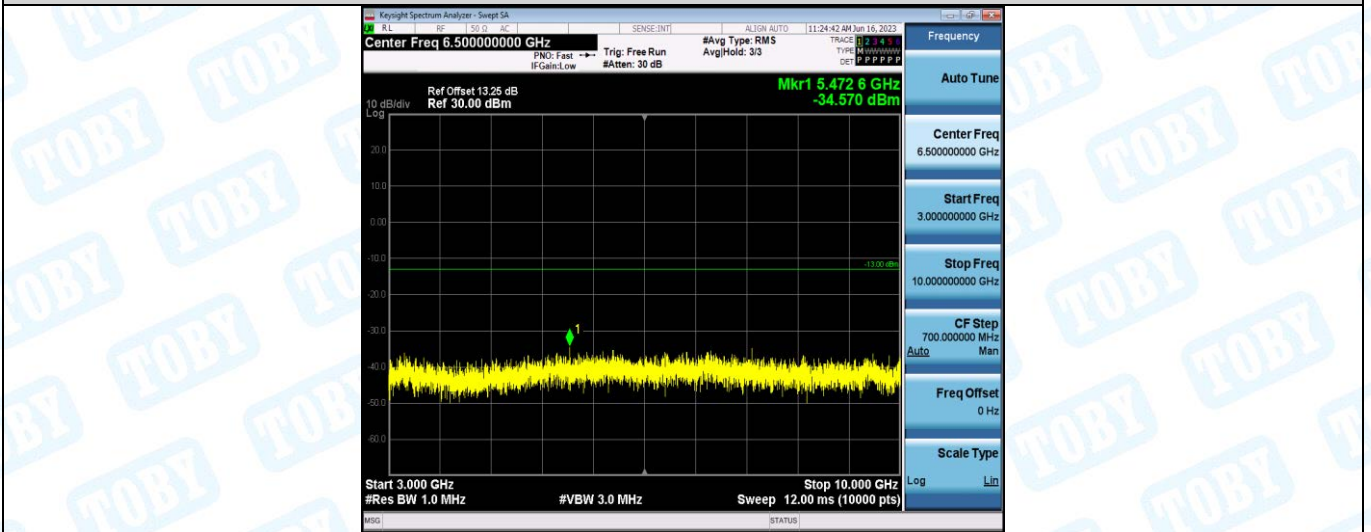
Band13-10MHz-16QAM-23230-1RB#0-Range3:1000~3000MHz



Band13-10MHz-16QAM-23230-1RB#0-Range1:1559~1610MHz



Band13-10MHz-16QAM-23230-1RB#0-Range4:3000~10000MHz



## 6. 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	-4.92	-0.006312	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VN	NT	-2.62	-0.003361	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VH	NT	-4.16	-0.005337	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VL	NT	-1.50	-0.001918	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VN	NT	-7.08	-0.009054	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VH	NT	-4.22	-0.005396	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VL	NT	-1.67	-0.002129	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VN	NT	4.32	0.005507	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VH	NT	3.39	0.004321	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VL	NT	-3.00	-0.003849	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VN	NT	-3.30	-0.004233	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VH	NT	-3.52	-0.004516	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VL	NT	1.33	0.001701	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VN	NT	-1.60	-0.002046	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VH	NT	-2.79	-0.003568	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VL	NT	-2.22	-0.002830	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VN	NT	1.99	0.002537	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VH	NT	4.03	0.005137	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VL	NT	-2.79	-0.003568	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VN	NT	-2.65	-0.003389	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VH	NT	-3.81	-0.004872	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VL	NT	2.13	0.002724	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VN	NT	-3.05	-0.003900	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VH	NT	1.73	0.002212	±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	-30	-5.15	-0.006607	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-20	-3.23	-0.004144	±2.5	PASS



Band13	5MHz	QPSK	23205	25RB#0	NV	-10	-2.63	-0.003374	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	0	-2.72	-0.003489	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	10	-4.23	-0.005427	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	20	2.10	0.002694	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	30	-2.56	-0.003284	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	40	-4.12	-0.005285	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	50	-2.47	-0.003169	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-30	-3.35	-0.004284	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-20	-2.85	-0.003645	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-10	-2.68	-0.003427	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	0	2.05	0.002621	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	10	-1.86	-0.002379	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	20	1.79	0.002289	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	30	-2.29	-0.002928	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	40	-2.88	-0.003683	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	50	-2.57	-0.003286	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-30	-1.22	-0.001555	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-20	-2.63	-0.003352	±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	0	-1.60	-0.002040	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	10	2.98	0.003799	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	20	-1.83	-0.002333	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	30	-3.96	-0.005048	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	40	-2.59	-0.003301	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	50	-2.72	-0.003467	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-30	-2.50	-0.003207	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-20	-2.29	-0.002938	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-10	-1.87	-0.002399	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	0	-1.49	-0.001911	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	10	-3.26	-0.004182	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	20	-2.03	-0.002604	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	30	-4.51	-0.005786	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	40	-5.69	-0.007300	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	50	-5.84	-0.007492	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-30	-3.19	-0.004079	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-20	-3.98	-0.005090	±2.5	PASS



Band13	5MHz	16QAM	23230	25RB#0	NV	-10	-3.82	-0.004885	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	0	-3.10	-0.003964	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	10	-2.57	-0.003286	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	20	-3.28	-0.004194	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	30	-1.67	-0.002136	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	40	-3.81	-0.004872	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	50	-3.85	-0.004923	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-30	-3.03	-0.003862	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-20	-2.98	-0.003799	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-10	-3.26	-0.004156	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	0	-3.40	-0.004334	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	10	-3.22	-0.004105	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	20	-2.35	-0.002996	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	30	-3.16	-0.004028	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	40	-3.55	-0.004525	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	50	-3.42	-0.004359	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-30	-3.26	-0.004169	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-20	-1.85	-0.002366	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-10	-3.23	-0.004130	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	0	-2.10	-0.002685	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	-3.18	-0.004066	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	-2.03	-0.002596	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	30	-1.76	-0.002251	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	40	-4.95	-0.006330	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	50	-2.95	-0.003772	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-30	2.26	0.002890	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-20	-2.76	-0.003529	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-10	-3.10	-0.003964	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	0	-3.32	-0.004246	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	10	-3.33	-0.004258	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	20	-2.63	-0.003363	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	30	-2.50	-0.003197	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	40	1.97	0.002519	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	50	-3.15	-0.004028	±2.5	PASS

----END OF THE REPORT-----