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## **Appendix for LTE Band 17**

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LIMITED**

**Address: Suite 603, 6/F, Laws Commercial Plaza, 788 Cheung  
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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
Band17	5MHz	QPSK	23755	1RB#0	24.11	PASS
Band17	5MHz	QPSK	23755	1RB#12	24.45	PASS
Band17	5MHz	QPSK	23755	1RB#24	24.34	PASS
Band17	5MHz	QPSK	23755	12RB#0	23.13	PASS
Band17	5MHz	QPSK	23755	12RB#6	23.24	PASS
Band17	5MHz	QPSK	23755	12RB#13	23.43	PASS
Band17	5MHz	QPSK	23755	25RB#0	23.29	PASS
Band17	5MHz	QPSK	23790	1RB#0	24.10	PASS
Band17	5MHz	QPSK	23790	1RB#12	24.12	PASS
Band17	5MHz	QPSK	23790	1RB#24	24.09	PASS
Band17	5MHz	QPSK	23790	12RB#0	23.16	PASS
Band17	5MHz	QPSK	23790	12RB#6	23.16	PASS
Band17	5MHz	QPSK	23790	12RB#13	23.06	PASS
Band17	5MHz	QPSK	23790	25RB#0	23.05	PASS
Band17	5MHz	QPSK	23825	1RB#0	24.11	PASS
Band17	5MHz	QPSK	23825	1RB#12	24.06	PASS
Band17	5MHz	QPSK	23825	1RB#24	23.96	PASS
Band17	5MHz	QPSK	23825	12RB#0	23.19	PASS
Band17	5MHz	QPSK	23825	12RB#6	23.13	PASS
Band17	5MHz	QPSK	23825	12RB#13	23.03	PASS
Band17	5MHz	QPSK	23825	25RB#0	23.18	PASS
Band17	5MHz	16QAM	23755	1RB#0	23.14	PASS
Band17	5MHz	16QAM	23755	1RB#12	23.45	PASS
Band17	5MHz	16QAM	23755	1RB#24	23.27	PASS
Band17	5MHz	16QAM	23755	12RB#0	23.28	PASS
Band17	5MHz	16QAM	23755	12RB#6	23.22	PASS
Band17	5MHz	16QAM	23755	12RB#13	23.23	PASS
Band17	5MHz	16QAM	23755	25RB#0	22.02	PASS
Band17	5MHz	16QAM	23790	1RB#0	23.32	PASS
Band17	5MHz	16QAM	23790	1RB#12	23.02	PASS
Band17	5MHz	16QAM	23790	1RB#24	23.38	PASS
Band17	5MHz	16QAM	23790	12RB#0	23.16	PASS
Band17	5MHz	16QAM	23790	12RB#6	23.06	PASS

Band17	5MHz	16QAM	23790	12RB#13	23.07	PASS
Band17	5MHz	16QAM	23790	25RB#0	22.07	PASS
Band17	5MHz	16QAM	23825	1RB#0	22.95	PASS
Band17	5MHz	16QAM	23825	1RB#12	23.10	PASS
Band17	5MHz	16QAM	23825	1RB#24	22.86	PASS
Band17	5MHz	16QAM	23825	12RB#0	23.13	PASS
Band17	5MHz	16QAM	23825	12RB#6	23.14	PASS
Band17	5MHz	16QAM	23825	12RB#13	23.17	PASS
Band17	5MHz	16QAM	23825	25RB#0	22.12	PASS
Band17	10MHz	QPSK	23780	1RB#0	24.12	PASS
Band17	10MHz	QPSK	23780	1RB#24	24.23	PASS
Band17	10MHz	QPSK	23780	1RB#49	23.93	PASS
Band17	10MHz	QPSK	23780	25RB#0	23.32	PASS
Band17	10MHz	QPSK	23780	25RB#12	23.25	PASS
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Band17	10MHz	QPSK	23790	1RB#24	24.48	PASS
Band17	10MHz	QPSK	23790	1RB#49	24.09	PASS
Band17	10MHz	QPSK	23790	25RB#0	23.27	PASS
Band17	10MHz	QPSK	23790	25RB#12	23.10	PASS
Band17	10MHz	QPSK	23790	25RB#25	23.02	PASS
Band17	10MHz	QPSK	23790	50RB#0	23.21	PASS
Band17	10MHz	QPSK	23800	1RB#0	24.03	PASS
Band17	10MHz	QPSK	23800	1RB#24	24.00	PASS
Band17	10MHz	QPSK	23800	1RB#49	23.81	PASS
Band17	10MHz	QPSK	23800	25RB#0	23.31	PASS
Band17	10MHz	QPSK	23800	25RB#12	23.22	PASS
Band17	10MHz	QPSK	23800	25RB#25	22.97	PASS
Band17	10MHz	QPSK	23800	50RB#0	23.17	PASS
Band17	10MHz	16QAM	23780	1RB#0	23.38	PASS
Band17	10MHz	16QAM	23780	1RB#24	23.22	PASS
Band17	10MHz	16QAM	23780	1RB#49	22.83	PASS
Band17	10MHz	16QAM	23780	25RB#0	23.28	PASS
Band17	10MHz	16QAM	23780	25RB#12	23.23	PASS
Band17	10MHz	16QAM	23780	25RB#25	23.24	PASS
Band17	10MHz	16QAM	23780	50RB#0	22.26	PASS
Band17	10MHz	16QAM	23790	1RB#0	23.76	PASS

Band17	10MHz	16QAM	23790	1RB#24	23.63	PASS
Band17	10MHz	16QAM	23790	1RB#49	22.92	PASS
Band17	10MHz	16QAM	23790	25RB#0	23.30	PASS
Band17	10MHz	16QAM	23790	25RB#12	23.10	PASS
Band17	10MHz	16QAM	23790	25RB#25	23.03	PASS
Band17	10MHz	16QAM	23790	50RB#0	22.15	PASS
Band17	10MHz	16QAM	23800	1RB#0	23.15	PASS
Band17	10MHz	16QAM	23800	1RB#24	23.18	PASS
Band17	10MHz	16QAM	23800	1RB#49	22.98	PASS
Band17	10MHz	16QAM	23800	25RB#0	23.21	PASS
Band17	10MHz	16QAM	23800	25RB#12	23.22	PASS
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Band17	10MHz	16QAM	23800	50RB#0	22.04	PASS

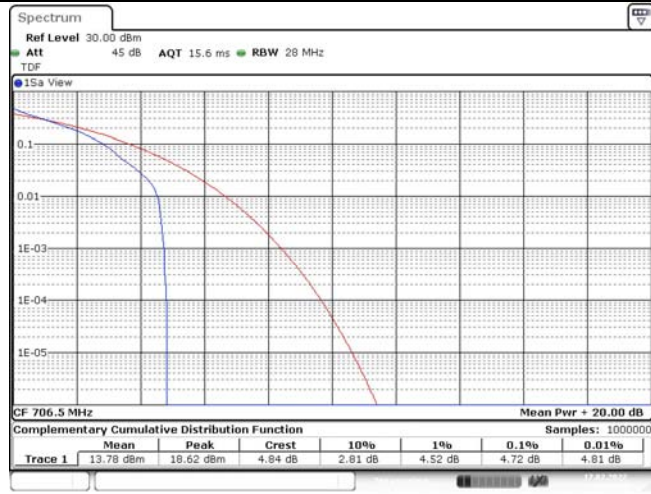
## 1.2. Appendix B: Peak-to-Average Ratio(CCDF)

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	4.72	13	PASS
Band17	5MHz	QPSK	23755	25RB#0	5.39	13	PASS
Band17	5MHz	QPSK	23790	1RB#0	4.43	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.90	13	PASS
Band17	5MHz	QPSK	23825	1RB#0	3.83	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	5.16	13	PASS
Band17	5MHz	16QAM	23755	1RB#0	5.65	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	6.32	13	PASS
Band17	5MHz	16QAM	23790	1RB#0	5.42	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	5.86	13	PASS
Band17	5MHz	16QAM	23825	1RB#0	4.84	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	6.03	13	PASS
Band17	10MHz	QPSK	23780	1RB#0	4.81	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	5.13	13	PASS
Band17	10MHz	QPSK	23790	1RB#0	4.87	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.13	13	PASS
Band17	10MHz	QPSK	23800	1RB#0	4.78	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	4.96	13	PASS
Band17	10MHz	16QAM	23780	1RB#0	5.83	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	6.09	13	PASS
Band17	10MHz	16QAM	23790	1RB#0	5.83	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	6.03	13	PASS
Band17	10MHz	16QAM	23800	1RB#0	5.86	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	6.06	13	PASS

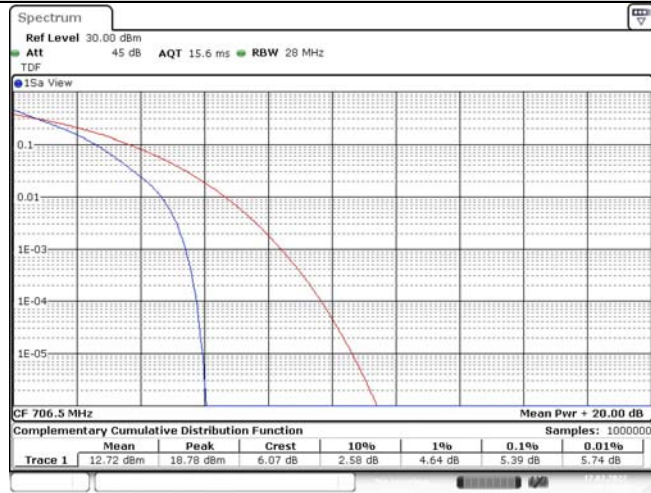
# Test Graphs

Band17-5MHz-QPSK-23755-1RB#0



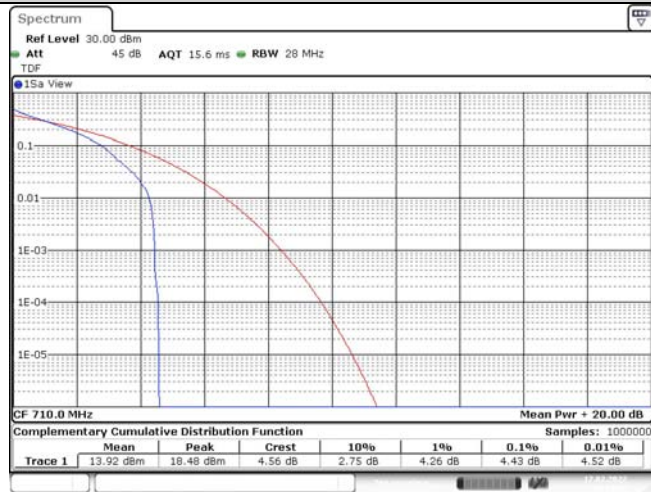
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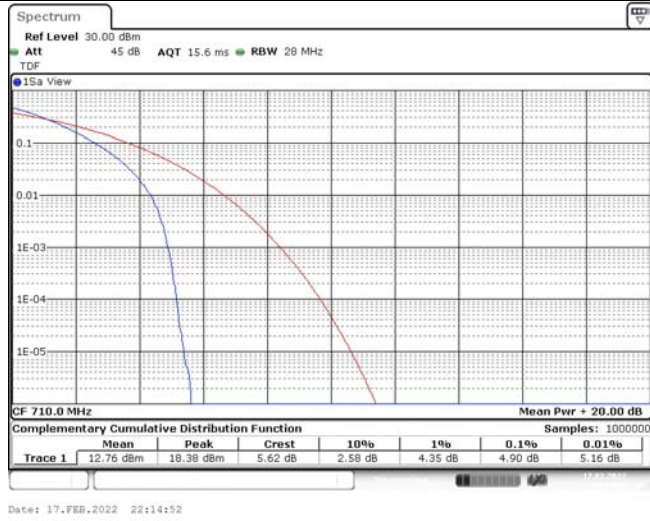
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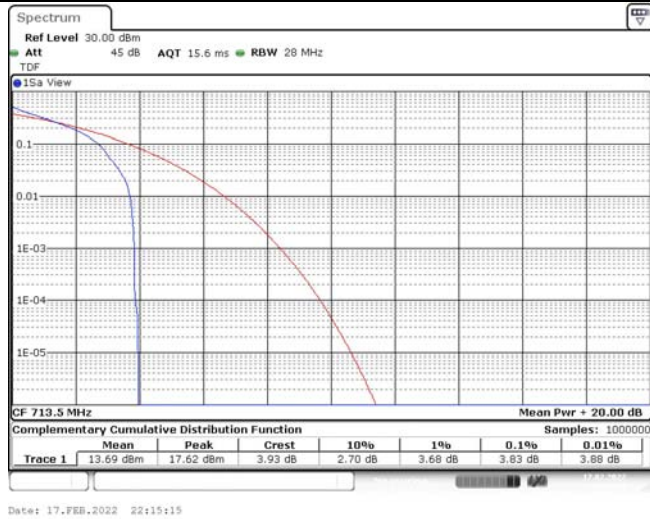


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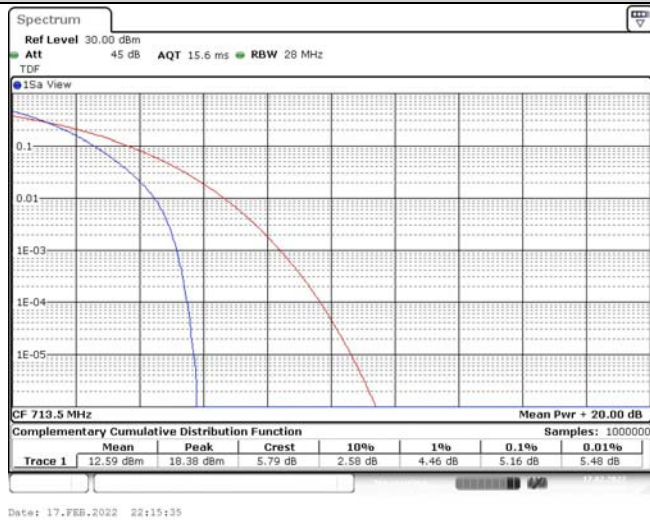
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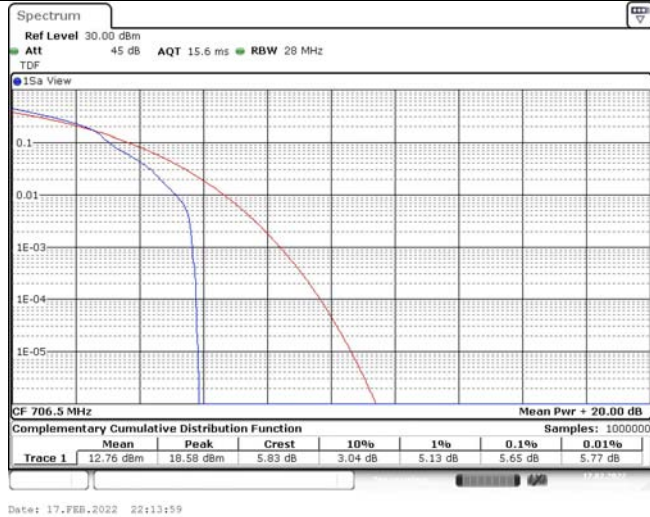


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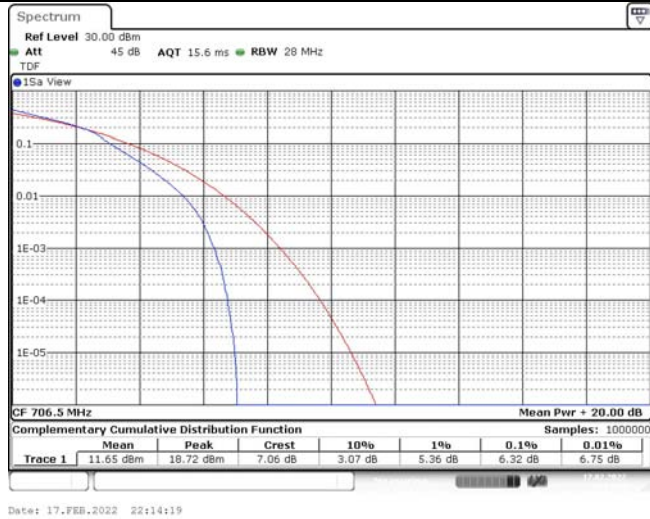


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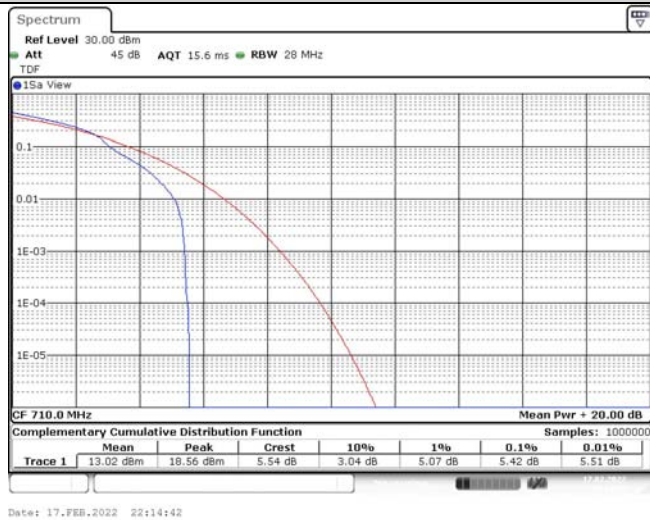




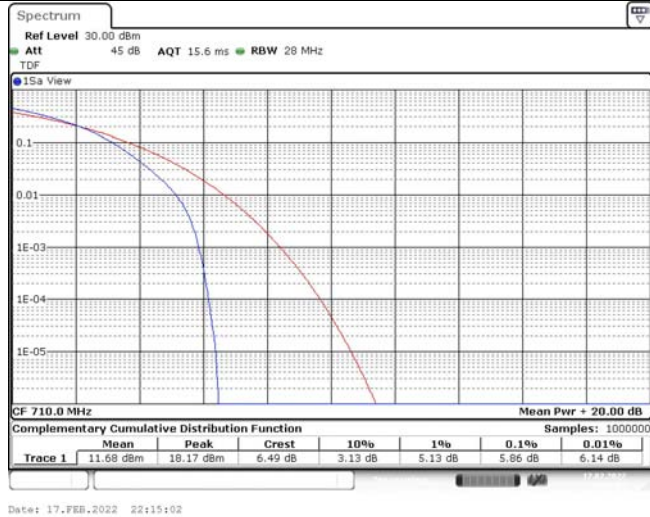
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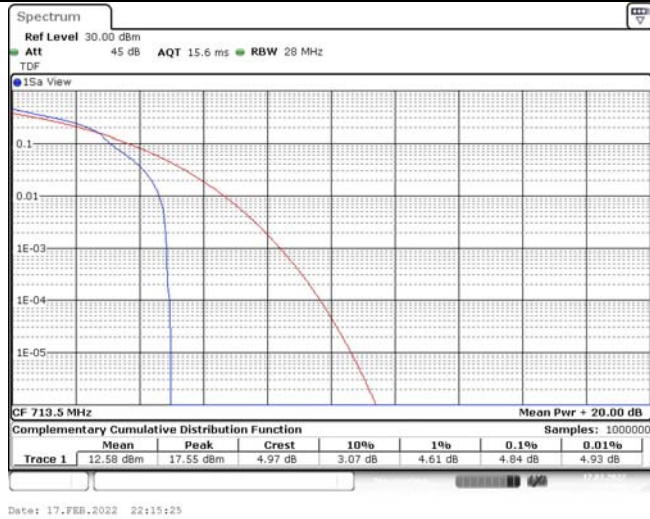
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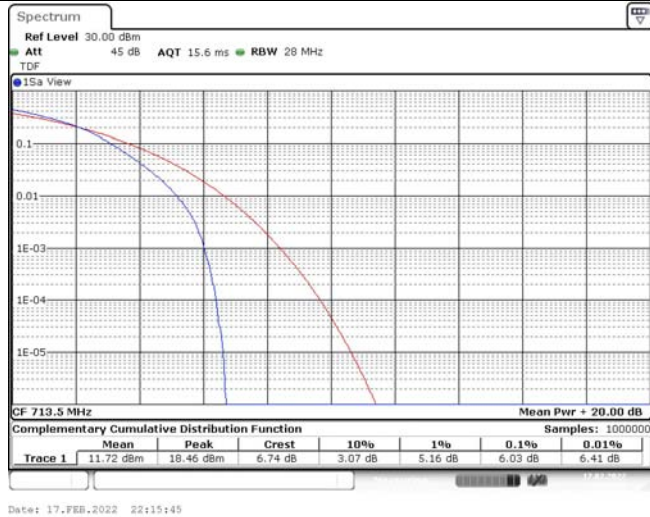
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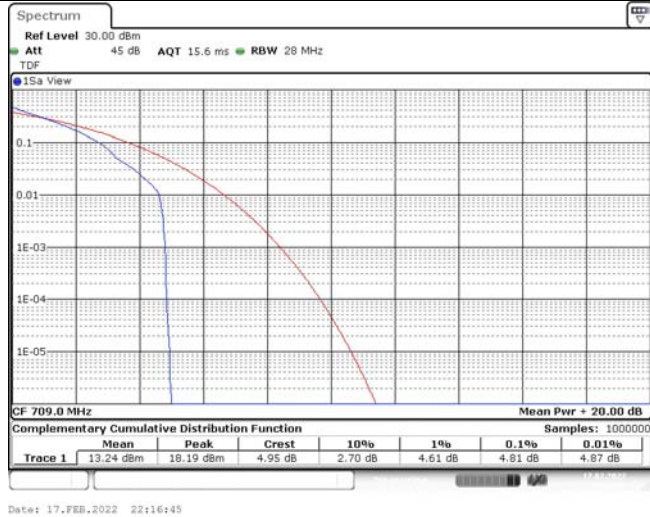
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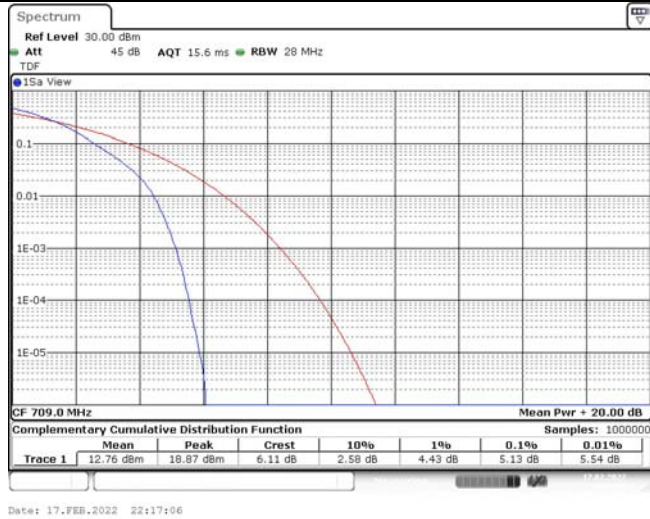
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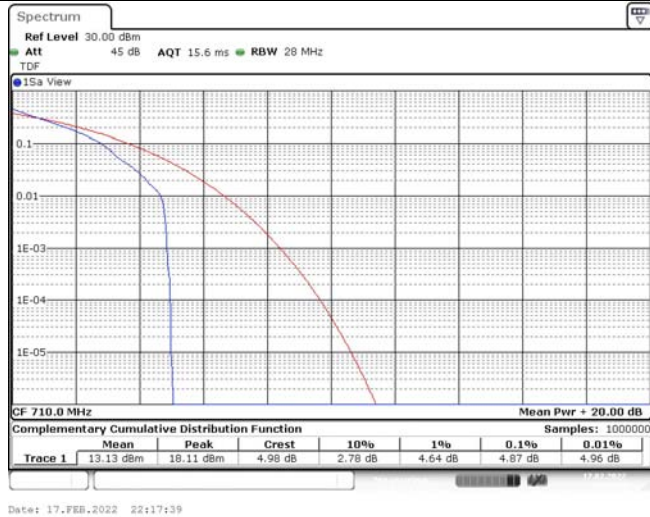
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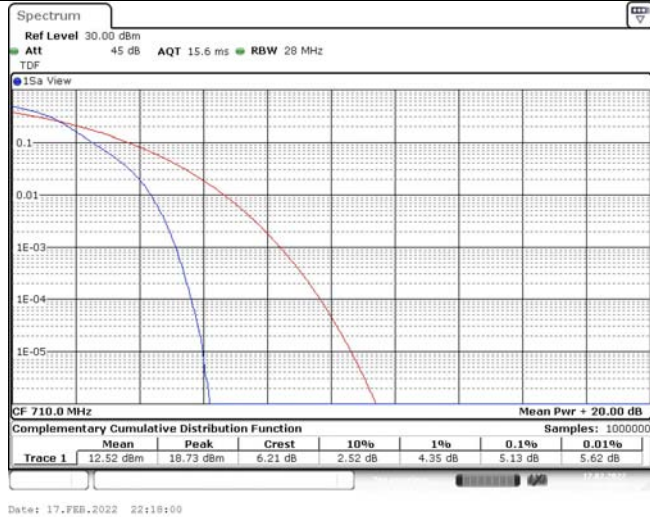
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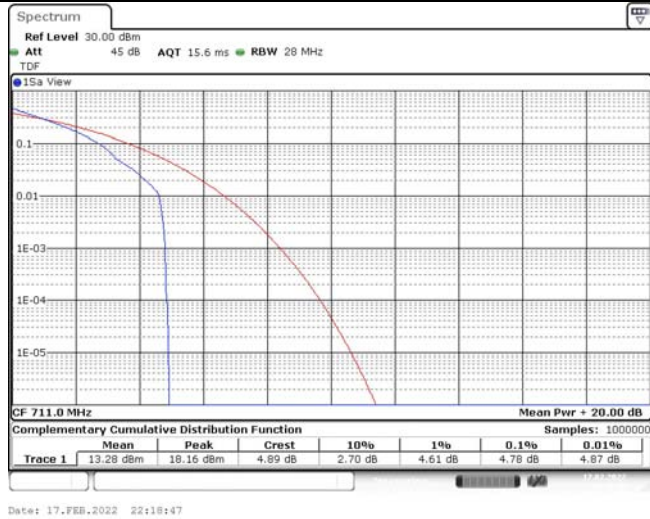
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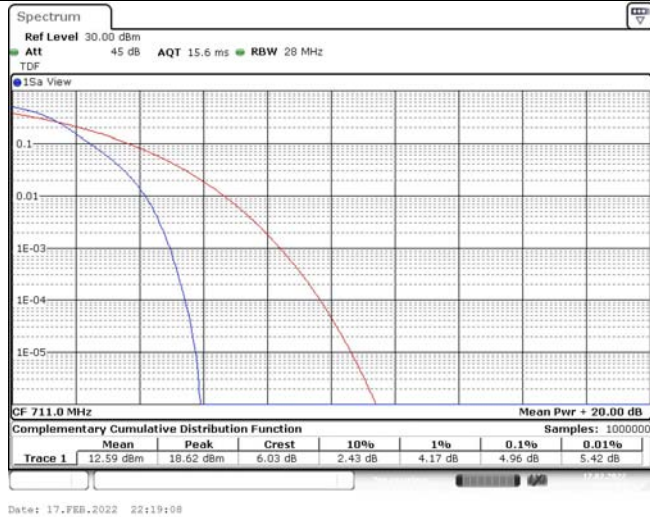
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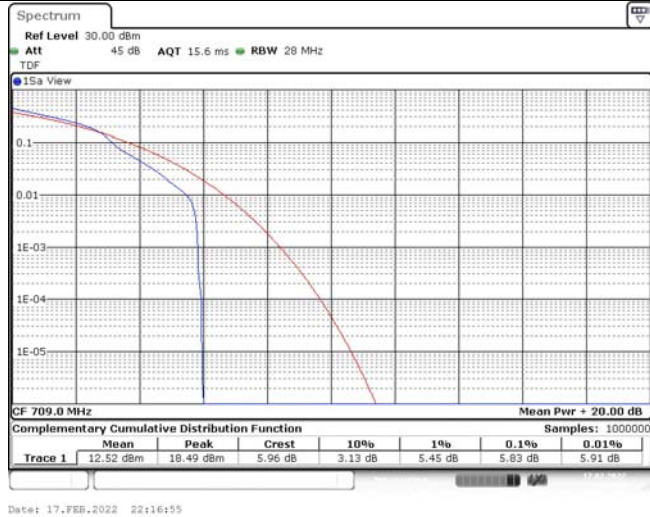
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Band17-10MHz-QPSK-23800-50RB#0

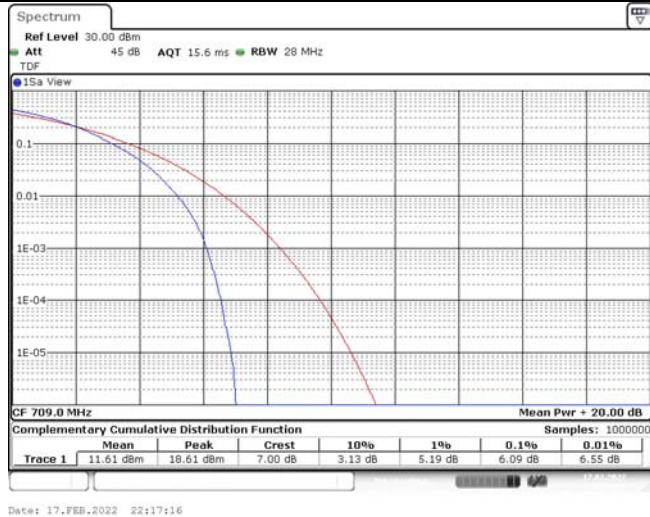


Band17-10MHz-16QAM-23780-1RB#0



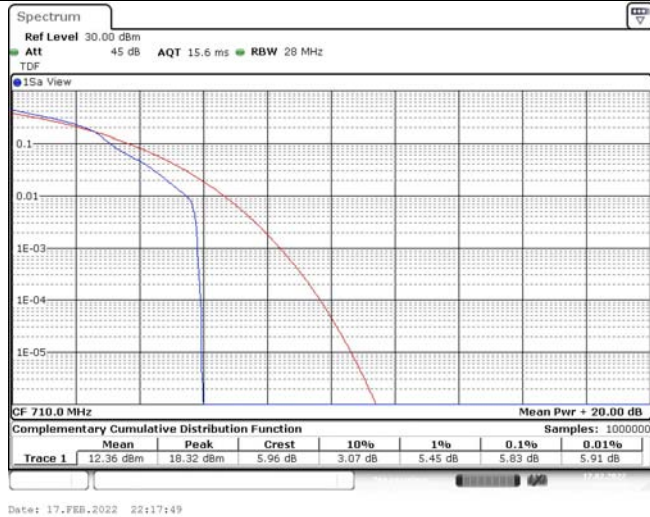
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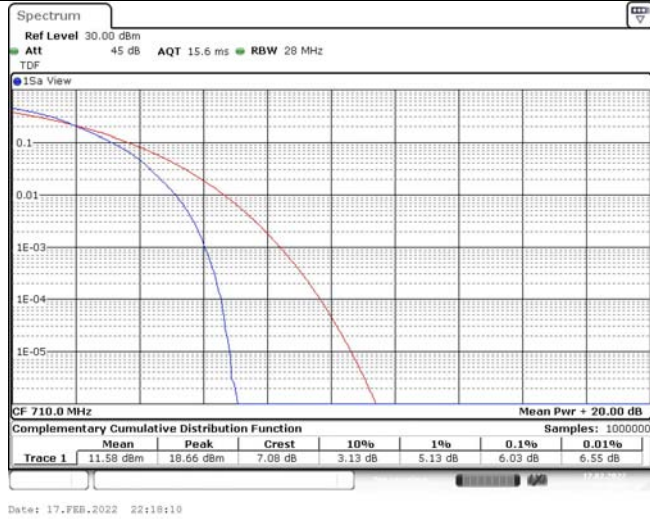
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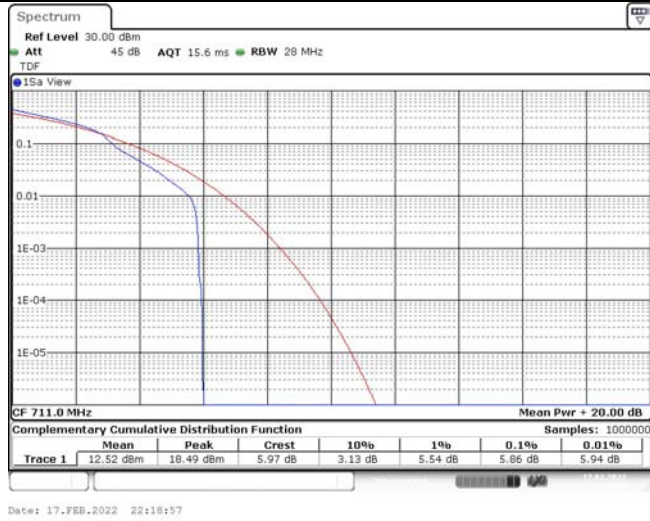


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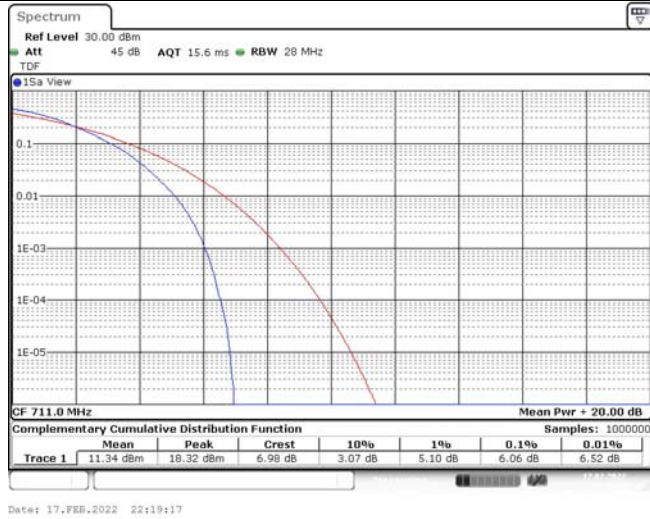
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Band17-10MHz-16QAM-23800-1RB#0



Band17-10MHz-16QAM-23800-50RB#0



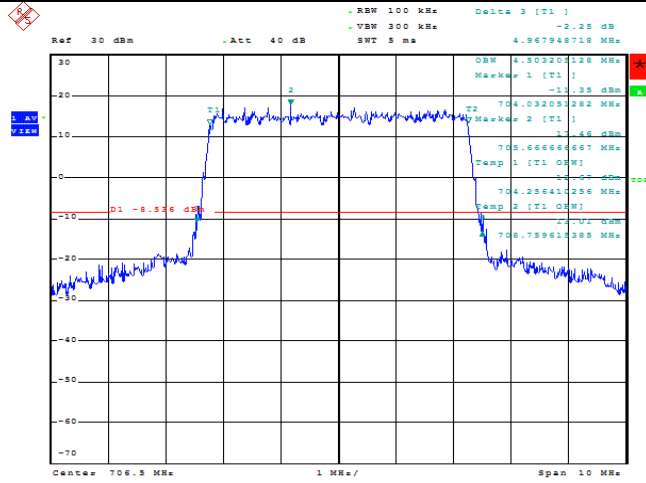
### 1.3. Appendix C: 26dB Bandwidth and Occupied Bandwidth

#### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.503	4.968	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.504	4.768	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.504	4.784	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.504	4.784	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.512	4.784	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.52	4.768	PASS
Band17	10MHz	QPSK	23780	50RB#0	9.006	9.840	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.974	9.615	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.942	9.647	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.974	9.615	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.942	9.615	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.942	9.615	PASS

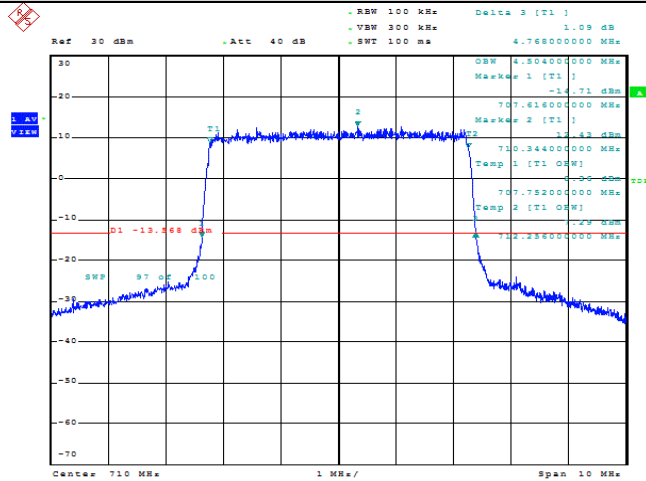
# Test Graphs

## Band17-5MHz-QPSK-23755-25RB#0-4.503



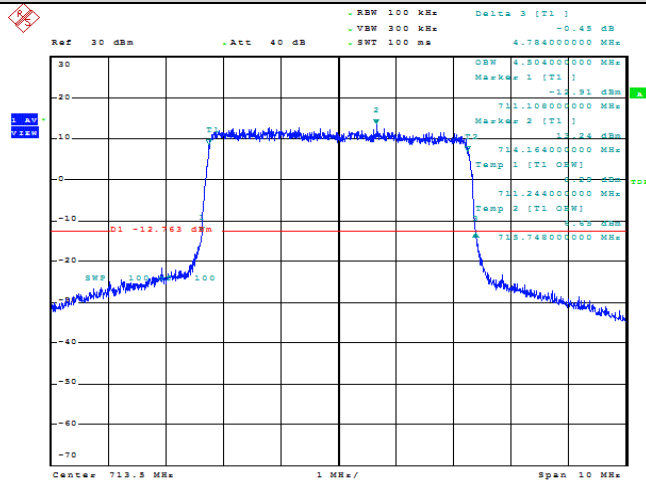
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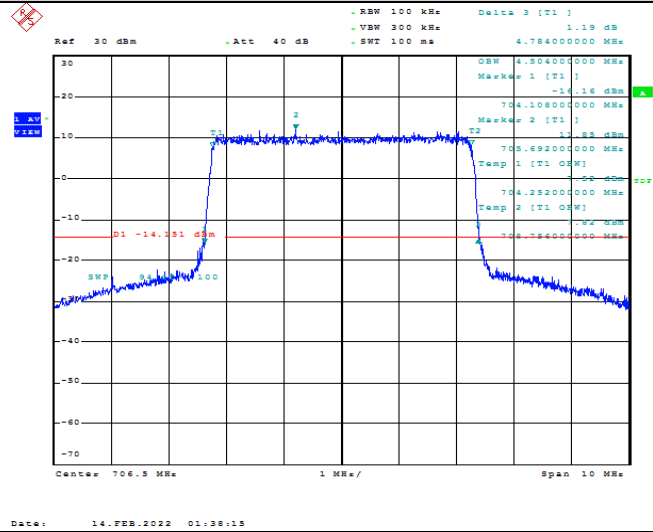
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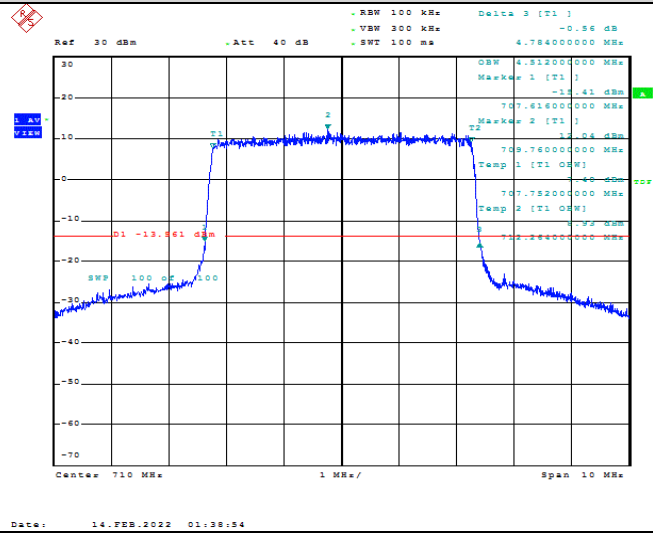
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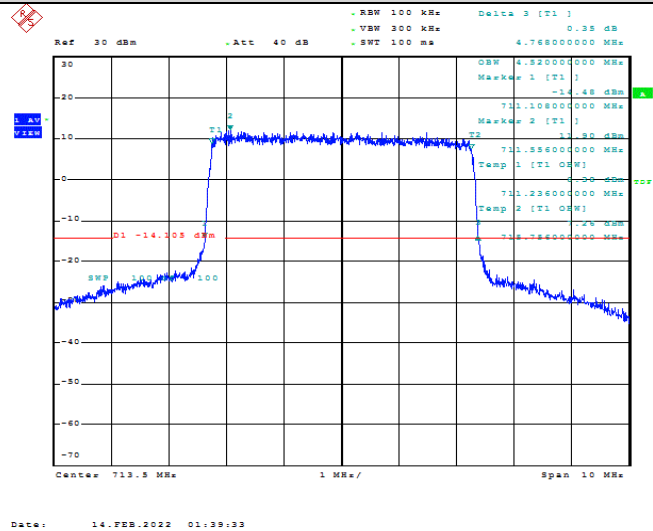
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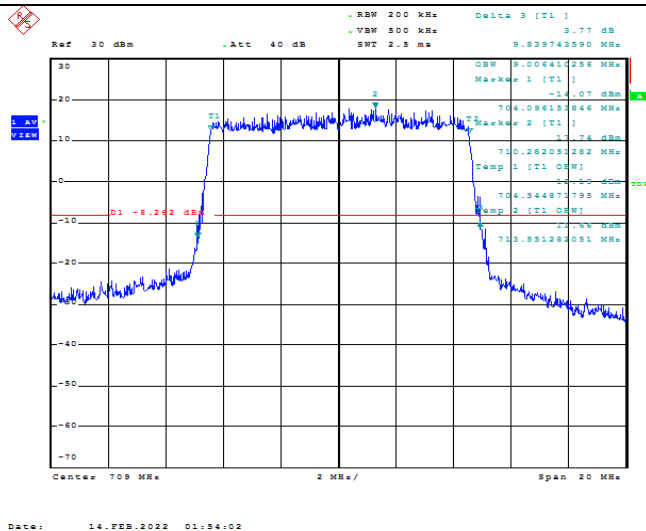
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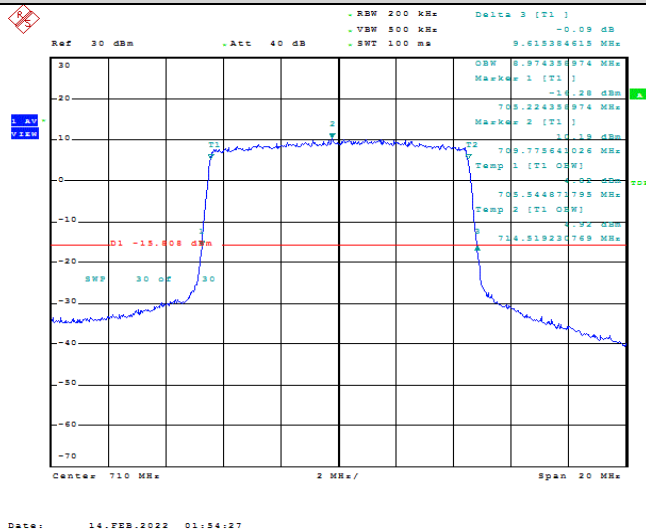
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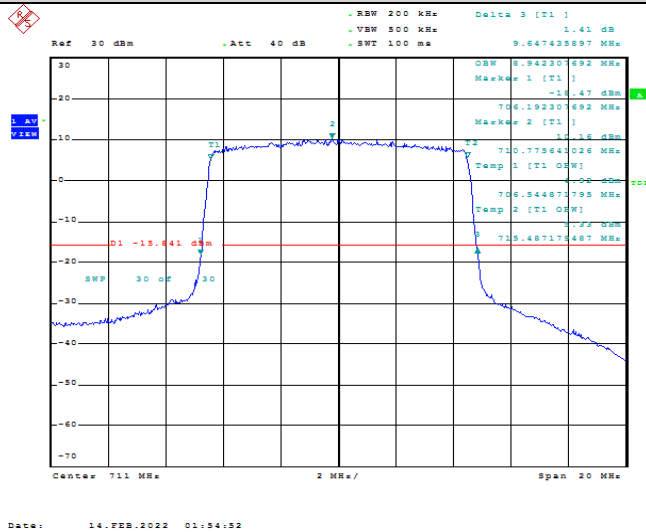
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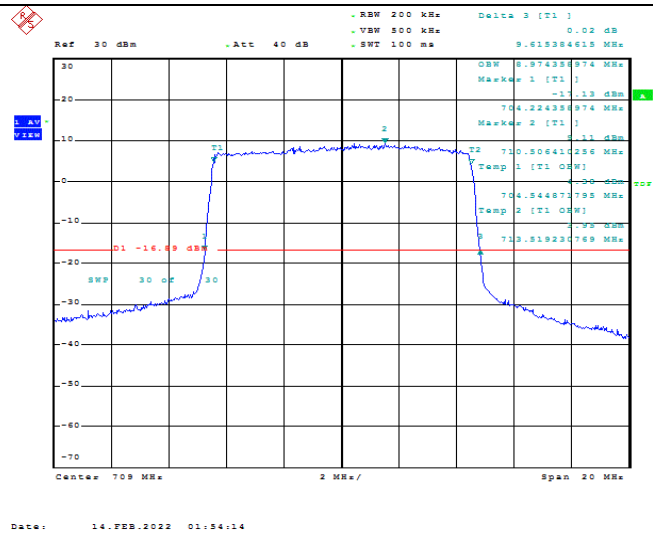
**Band17-10MHz-QPSK-23790-50RB#0-8.974**



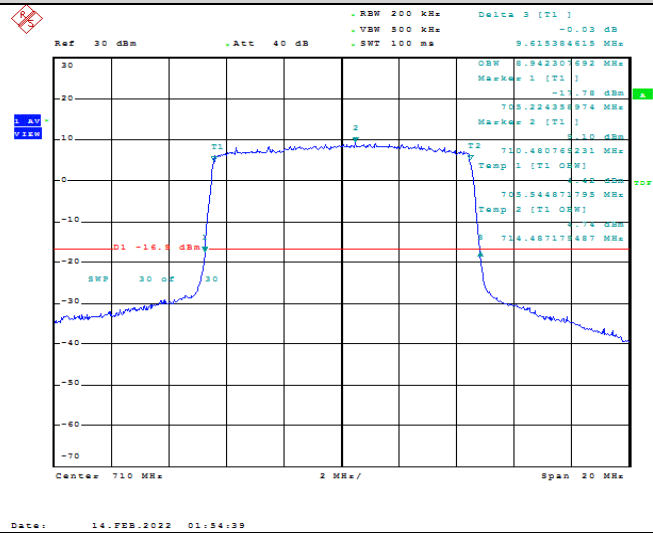
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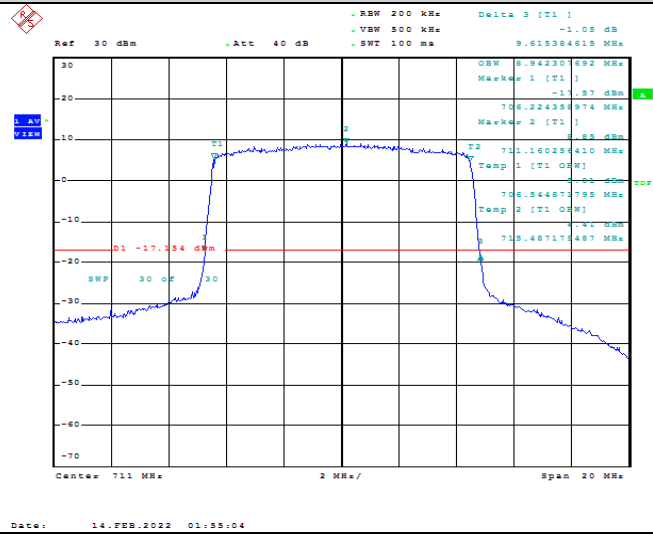
**Band17-10MHz-16QAM-23780-50RB#0-8.974**



### Band17-10MHz-16QAM-23790-50RB#0-8.942



### Band17-10MHz-16QAM-23800-50RB#0-8.942



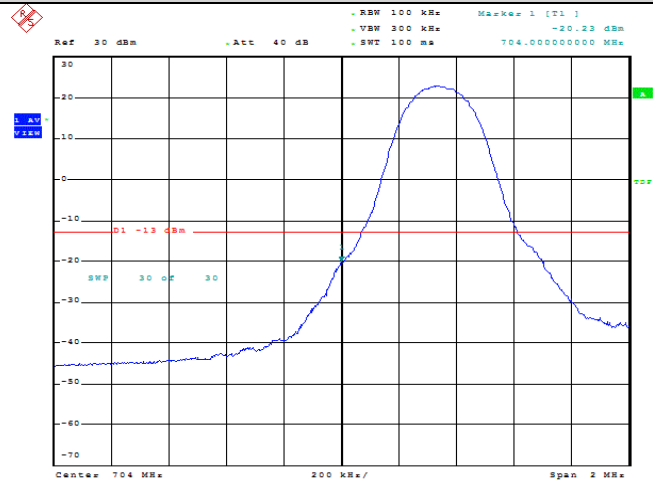
## 1.4. Appendix D: Band Edge

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	-20.23	PASS
Band17	5MHz	QPSK	23755	1RB#24	-48.62	PASS
Band17	5MHz	QPSK	23755	25RB#0	-25.00	PASS
Band17	5MHz	QPSK	23825	1RB#0	-48.67	PASS
Band17	5MHz	QPSK	23825	1RB#24	-21.28	PASS
Band17	5MHz	QPSK	23825	25RB#0	-25.52	PASS
Band17	5MHz	16QAM	23755	1RB#0	-22.98	PASS
Band17	5MHz	16QAM	23755	1RB#24	-48.65	PASS
Band17	5MHz	16QAM	23755	25RB#0	-25.12	PASS
Band17	5MHz	16QAM	23825	1RB#0	-48.95	PASS
Band17	5MHz	16QAM	23825	1RB#24	-21.96	PASS
Band17	5MHz	16QAM	23825	25RB#0	-25.96	PASS
Band17	10MHz	QPSK	23780	1RB#0	-40.16,-34.24	PASS
Band17	10MHz	QPSK	23780	1RB#49	-48.47,-48.50	PASS
Band17	10MHz	QPSK	23780	50RB#0	-43.13,-42.36	PASS
Band17	10MHz	QPSK	23800	1RB#0	-48.41,-48.41	PASS
Band17	10MHz	QPSK	23800	1RB#49	-29.62,-36.21	PASS
Band17	10MHz	QPSK	23800	50RB#0	-43.61,-45.00	PASS
Band17	10MHz	16QAM	23780	1RB#0	-41.07,-35.02	PASS
Band17	10MHz	16QAM	23780	1RB#49	-48.49,-48.48	PASS
Band17	10MHz	16QAM	23780	50RB#0	-43.50,-42.95	PASS
Band17	10MHz	16QAM	23800	1RB#0	-48.43,-48.41	PASS
Band17	10MHz	16QAM	23800	1RB#49	-30.91,-37.49	PASS
Band17	10MHz	16QAM	23800	50RB#0	-43.60,-44.60	PASS

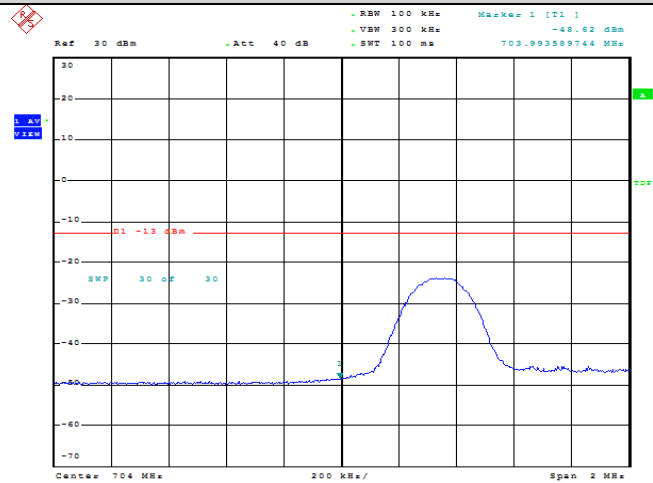
# Test Graphs

Band17-5MHz-QPSK-23755-1RB#0



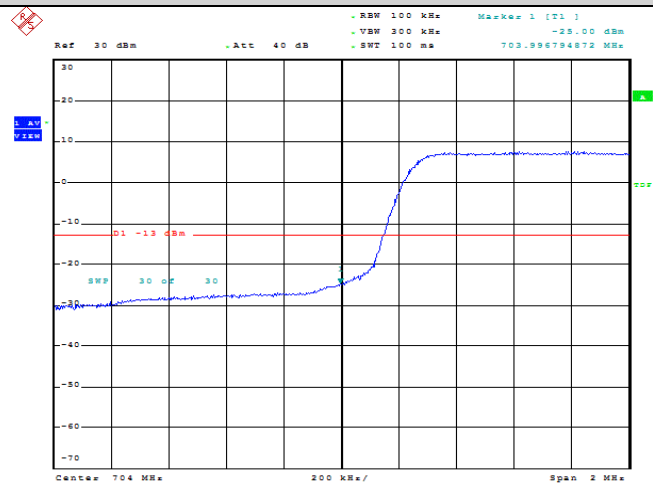
Date: 14.FEB.2022 01:39:52

Band17-5MHz-QPSK-23755-1RB#24



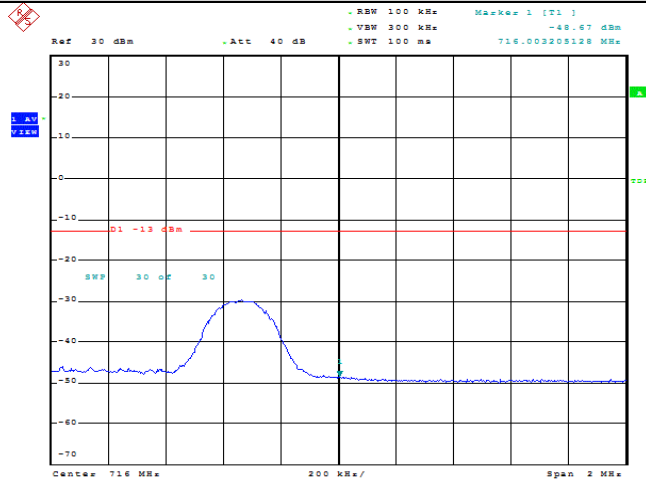
Date: 14.FEB.2022 01:40:13

Band17-5MHz-QPSK-23755-25RB#0



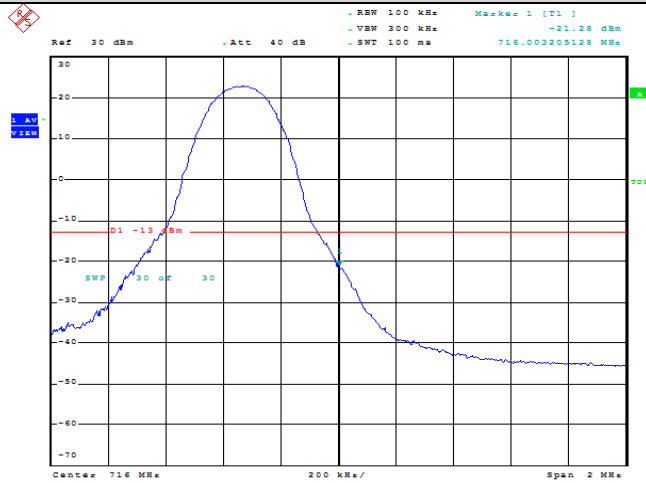
Date: 14.FEB.2022 01:40:35

### Band17-5MHz-QPSK-23825-1RB#0



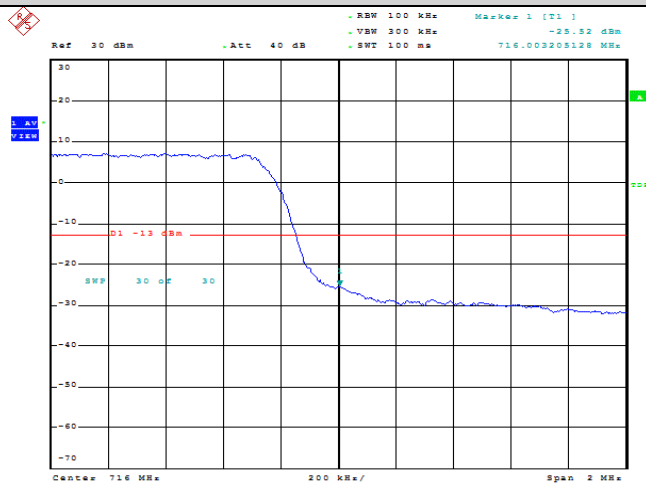
Date: 14.FEB.2022 01:41:30

### Band17-5MHz-QPSK-23825-1RB#24



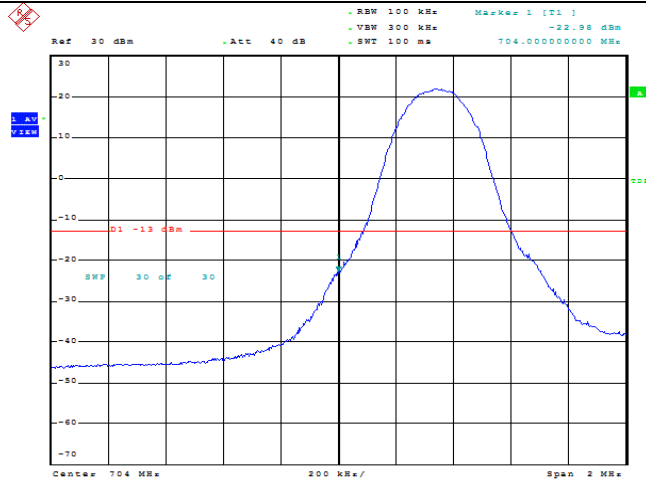
Date: 14.FEB.2022 01:41:32

### Band17-5MHz-QPSK-23825-25RB#0



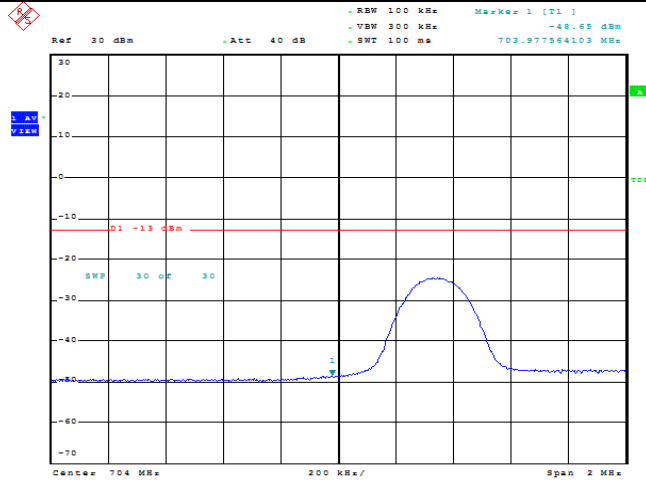
Date: 14.FEB.2022 01:41:54

### Band17-5MHz-16QAM-23755-1RB#0



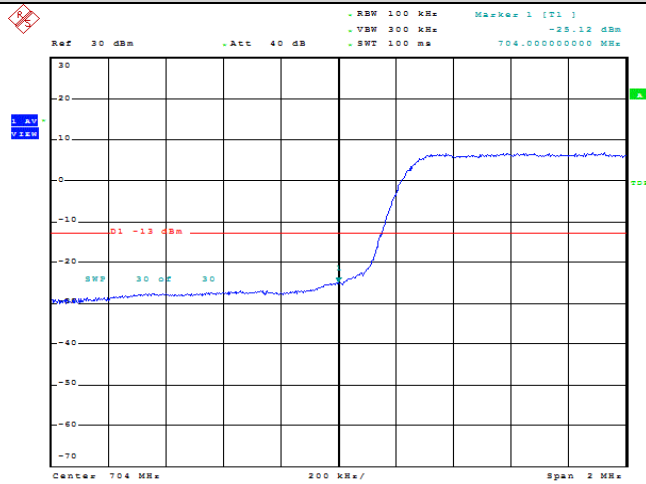
Date: 14.FEB.2022 01:40:02

**Band17-5MHz-16QAM-23755-1RB#24**



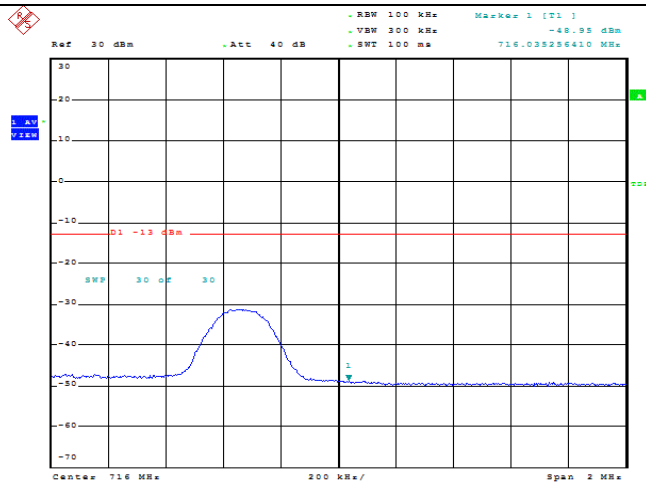
Date: 14.FEB.2022 01:40:24

**Band17-5MHz-16QAM-23755-25RB#0**



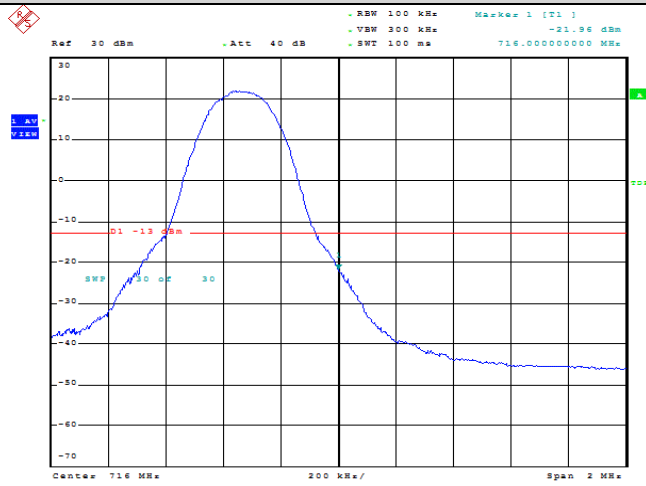
Date: 14.FEB.2022 01:40:46

**Band17-5MHz-16QAM-23825-1RB#0**



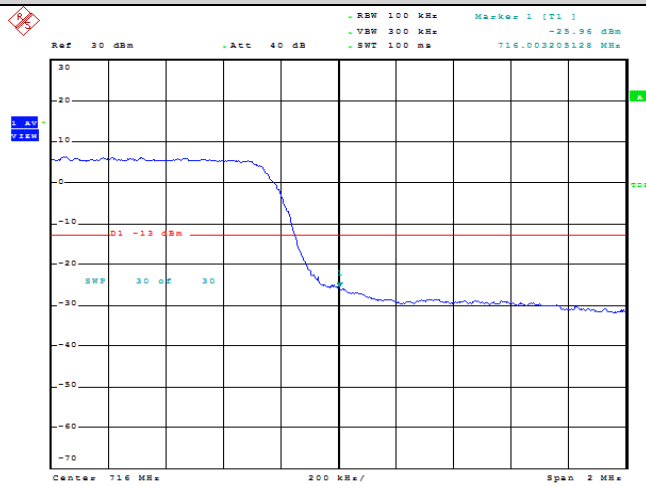
Date: 14.FEB.2022 01:41:21

### Band17-5MHz-16QAM-23825-1RB#24



Date: 14.FEB.2022 01:41:43

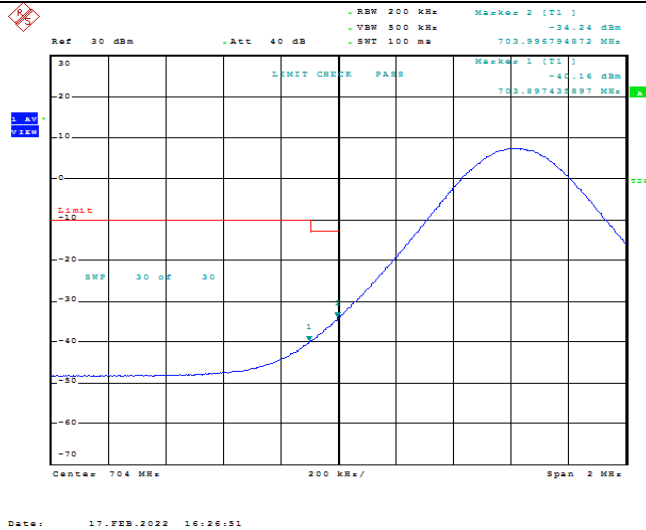
### Band17-5MHz-16QAM-23825-25RB#0



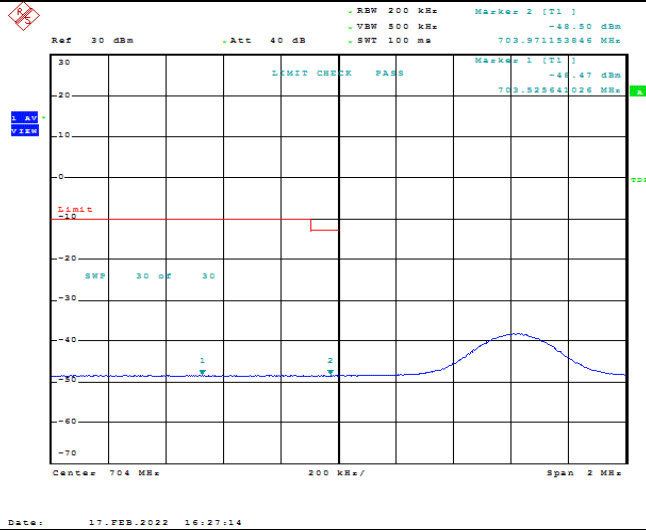
Date: 14.FEB.2022 01:42:05

### Band17-10MHz-QPSK-23780-1RB#0

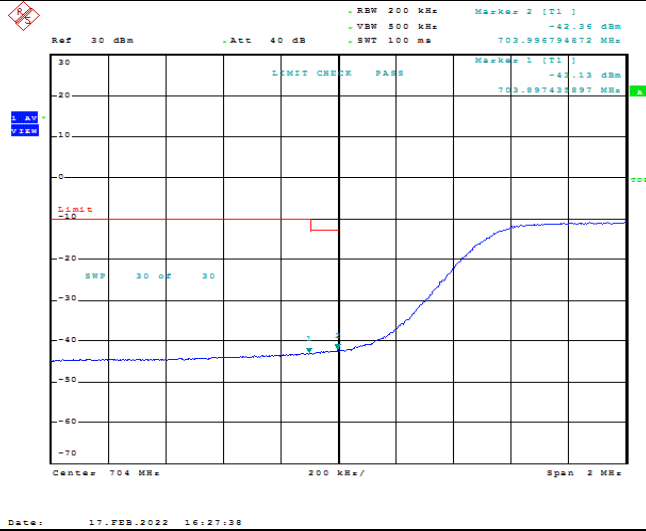




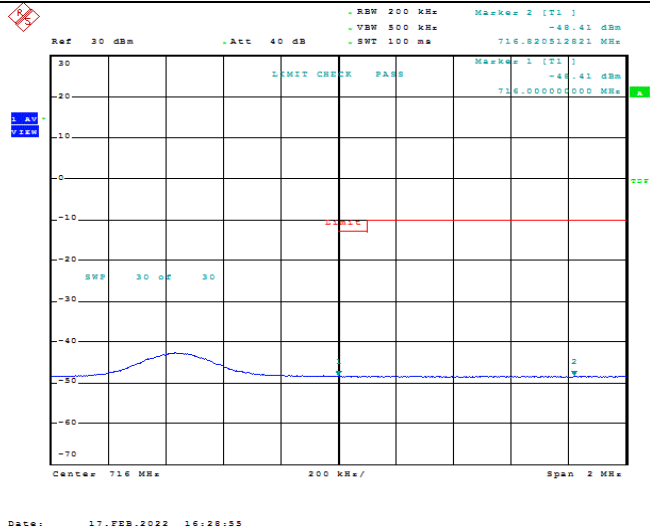
**Band17-10MHz-QPSK-23780-1RB#49**



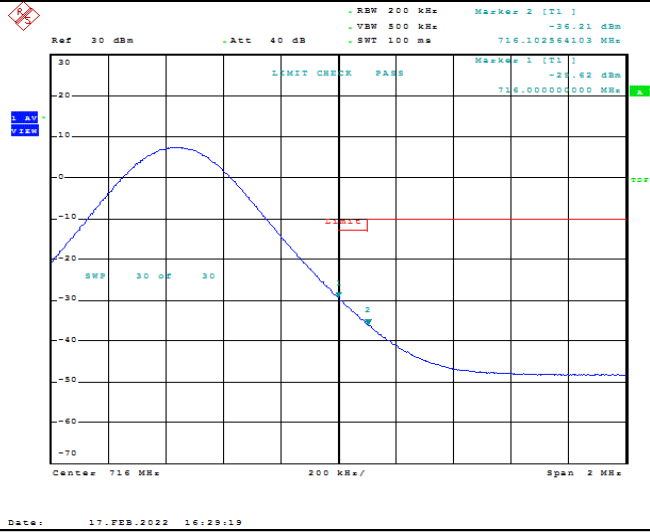
**Band17-10MHz-QPSK-23780-50RB#0**



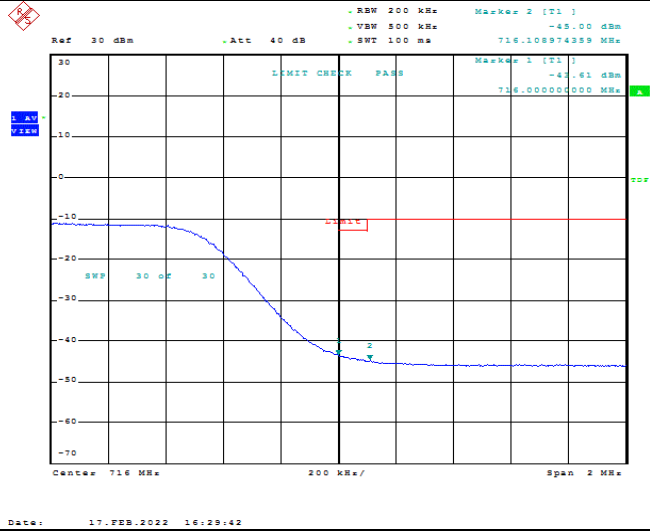
**Band17-10MHz-QPSK-23800-1RB#0**



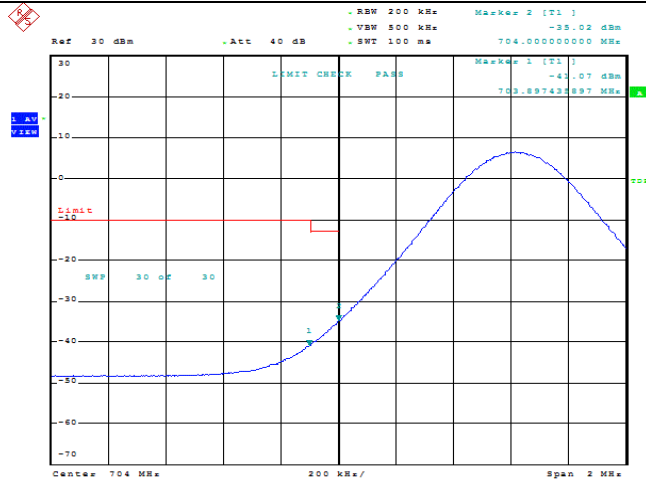
**Band17-10MHz-QPSK-23800-1RB#49**



**Band17-10MHz-QPSK-23800-50RB#0**

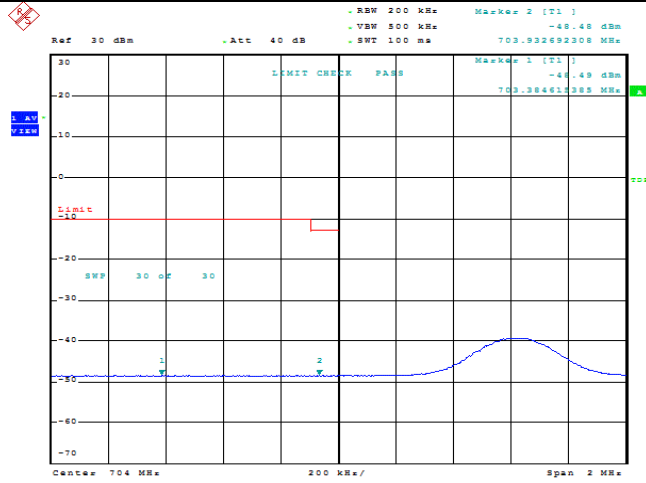


**Band17-10MHz-16QAM-23780-1RB#0**



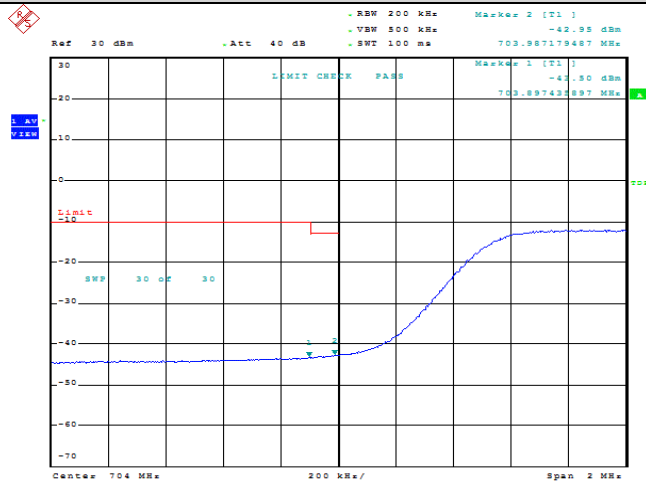
Date: 17.FEB.2022 16:27:02

### Band17-10MHz-16QAM-23780-1RB#49



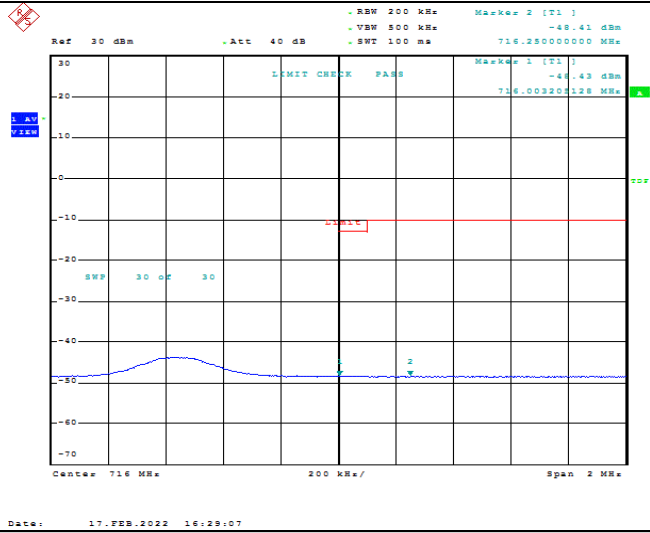
Date: 17.FEB.2022 16:27:26

### Band17-10MHz-16QAM-23780-50RB#0

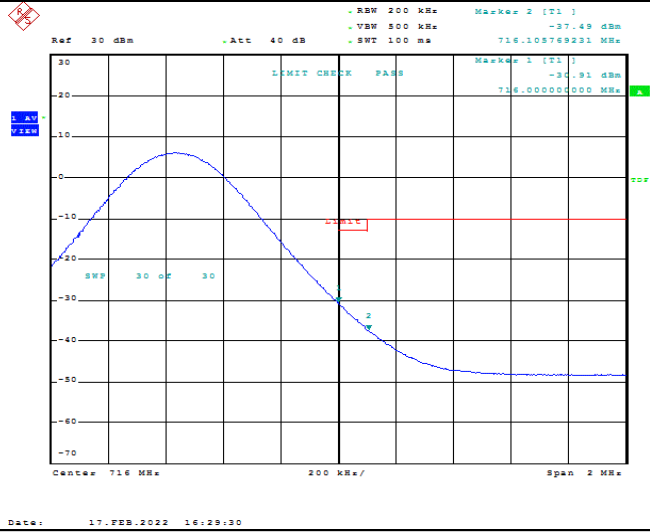


Date: 17.FEB.2022 16:27:50

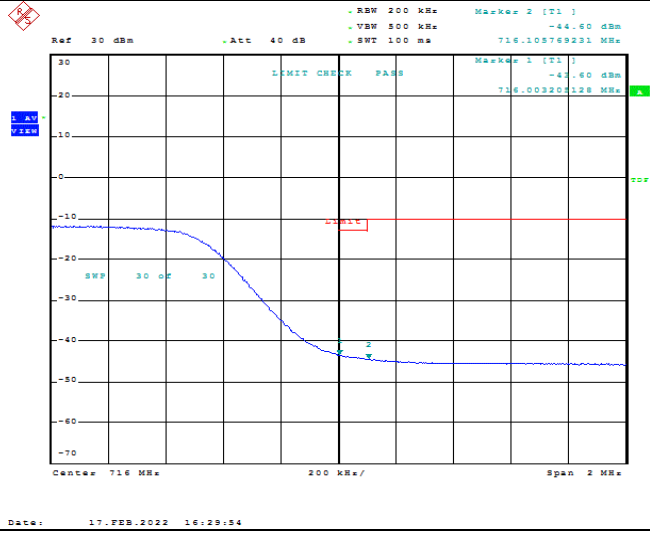
### Band17-10MHz-16QAM-23800-1RB#0



**Band17-10MHz-16QAM-23800-1RB#49**



**Band17-10MHz-16QAM-23800-50RB#0**



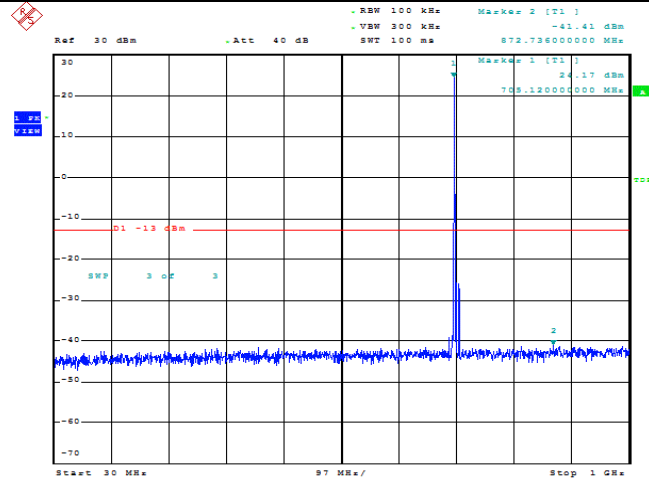
## 1.5. Appendix E: Conducted Spurious Emission

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	Range1:30~1000MHz	-41.41	PASS
Band17	5MHz	QPSK	23755	1RB#0	Range2:1000~10000MHz	-29.39	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range1:30~1000MHz	-40.96	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range2:1000~10000MHz	-28.64	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range1:30~1000MHz	-41.12	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range2:1000~10000MHz	-29.87	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range1:30~1000MHz	-40.71	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range2:1000~10000MHz	-31.78	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range1:30~1000MHz	-41.14	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range2:1000~10000MHz	-29.83	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range1:30~1000MHz	-41.33	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range2:1000~10000MHz	-28.32	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range1:30~1000MHz	-41.39	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range2:1000~10000MHz	-30.37	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range1:30~1000MHz	-40.63	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range2:1000~10000MHz	-29.04	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range1:30~1000MHz	-41.4	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range2:1000~10000MHz	-30.32	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range1:30~1000MHz	-41.32	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range2:1000~10000MHz	-29.61	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range1:30~1000MHz	-40.45	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range2:1000~10000MHz	-29.45	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range1:30~1000MHz	-40.72	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range2:1000~10000MHz	-30.87	PASS

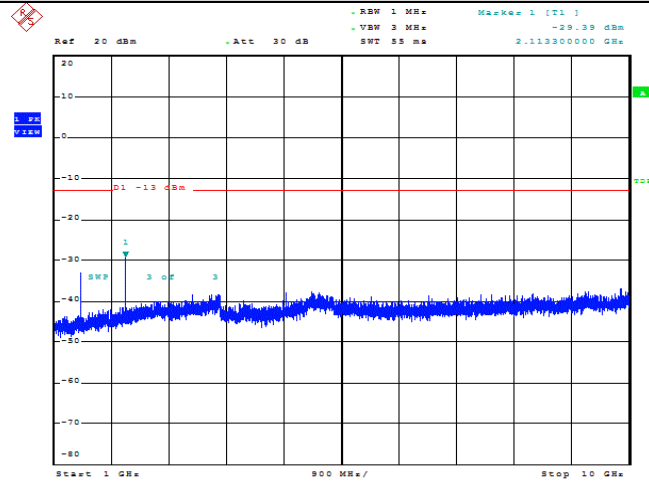
# Test Graphs

Band17-5MHz-QPSK-23755-1RB#0-Range1:30~1000MHz



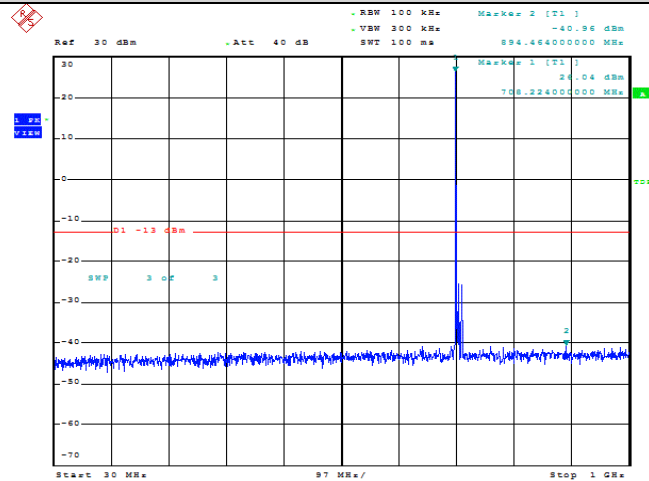
Date: 14.FEB.2022 01:42:19

Band17-5MHz-QPSK-23755-1RB#0-Range2:1000~10000MHz



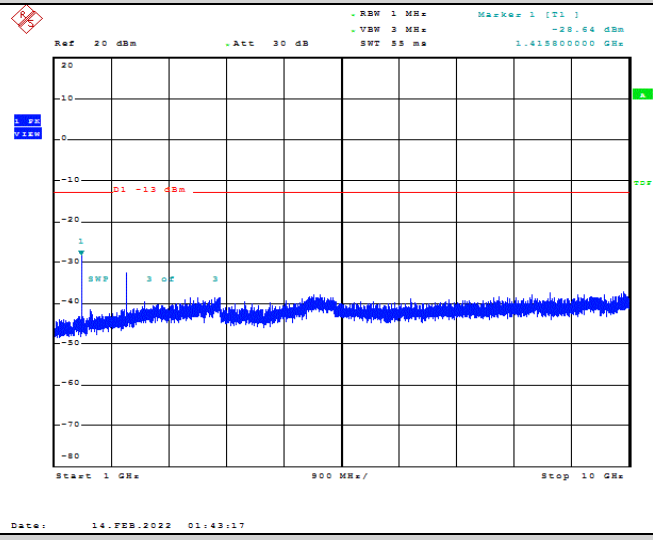
Date: 14.FEB.2022 01:42:29

Band17-5MHz-QPSK-23790-1RB#0-Range1:30~1000MHz

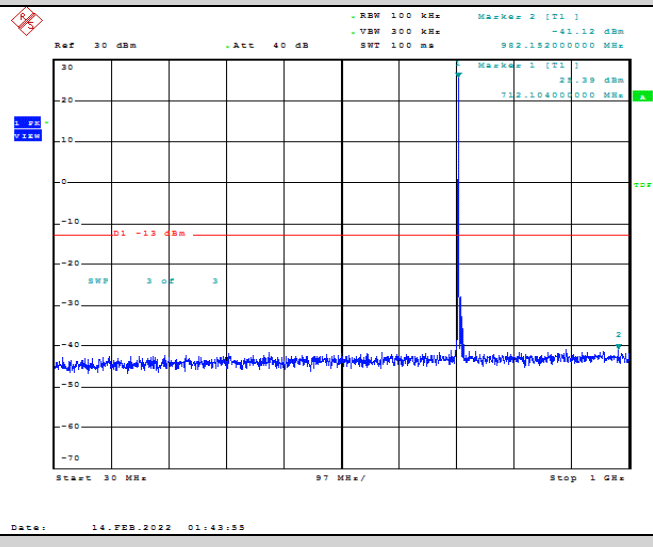


Date: 14.FEB.2022 01:43:07

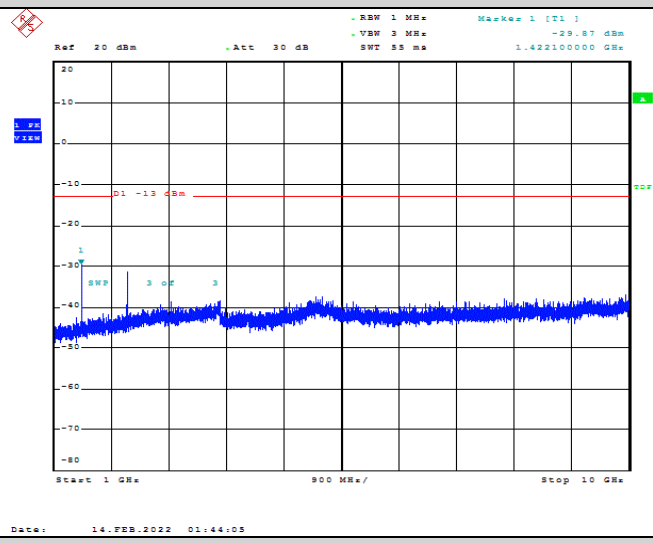
Band17-5MHz-QPSK-23790-1RB#0-Range2:1000~10000MHz



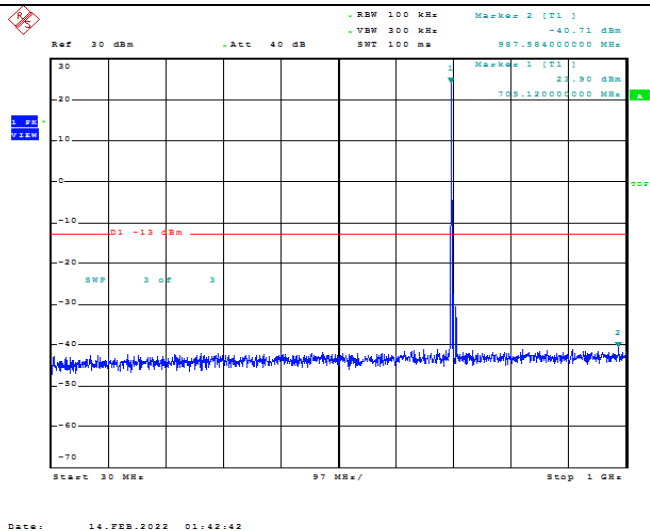
Band17-5MHz-QPSK-23825-1RB#0-Range1:30~1000MHz



Band17-5MHz-QPSK-23825-1RB#0-Range2:1000~10000MHz

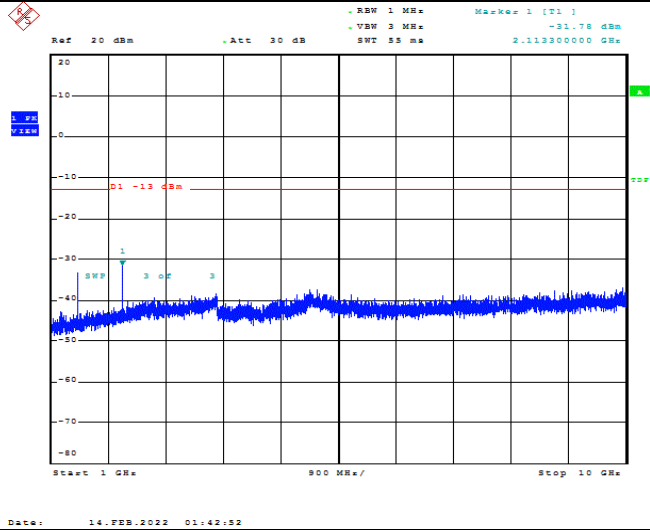


Band17-5MHz-16QAM-23755-1RB#0-Range1:30~1000MHz



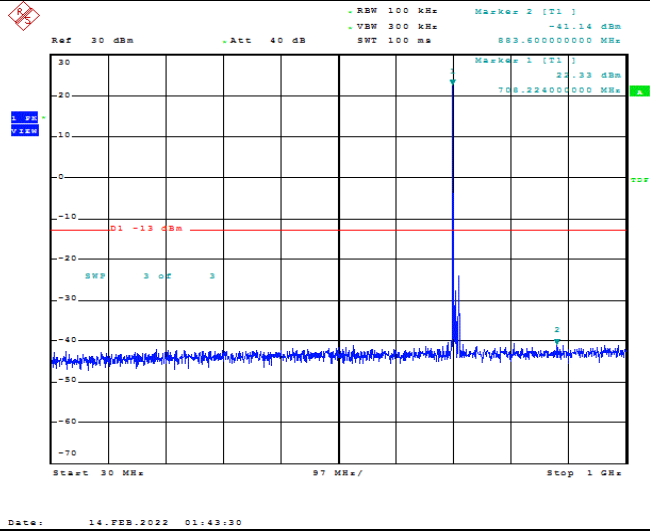
Date: 14.FEB.2022 01:42:42

Band17-5MHz-16QAM-23755-1RB#0-Range2:1000~10000MHz



Date: 14.FEB.2022 01:42:52

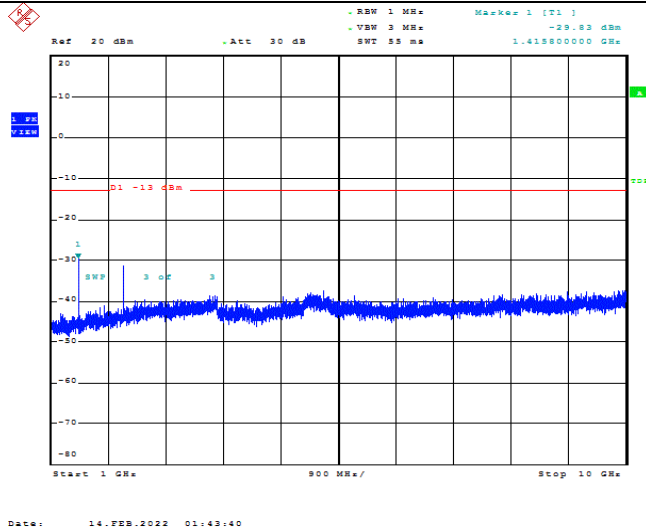
Band17-5MHz-16QAM-23790-1RB#0-Range1:30~1000MHz



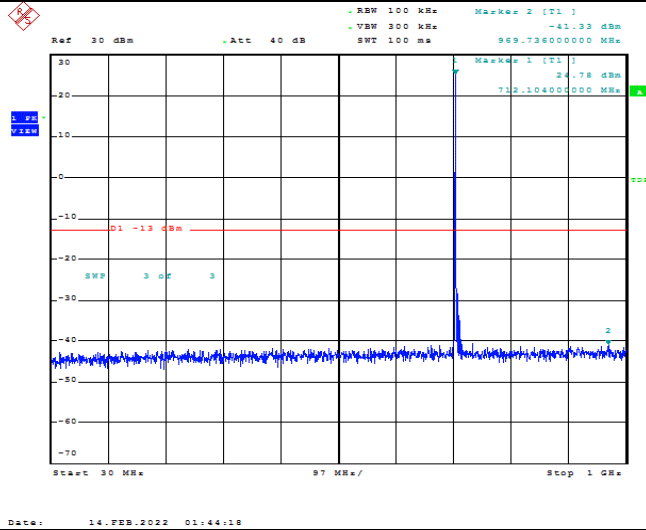
Date: 14.FEB.2022 01:43:30

Band17-5MHz-16QAM-23790-1RB#0-Range2:1000~10000MHz

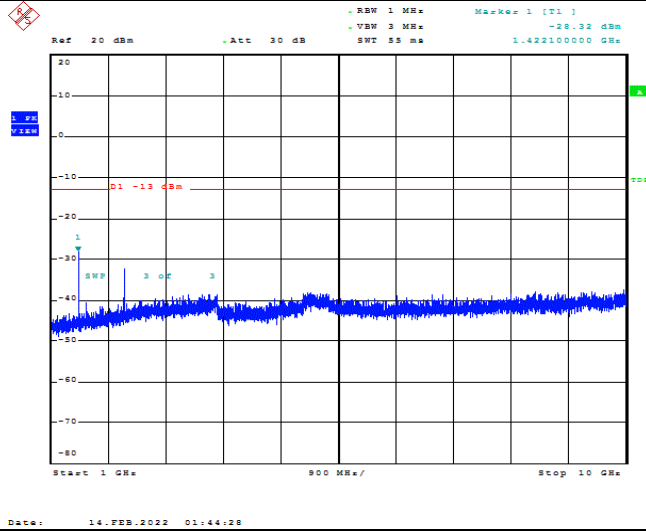




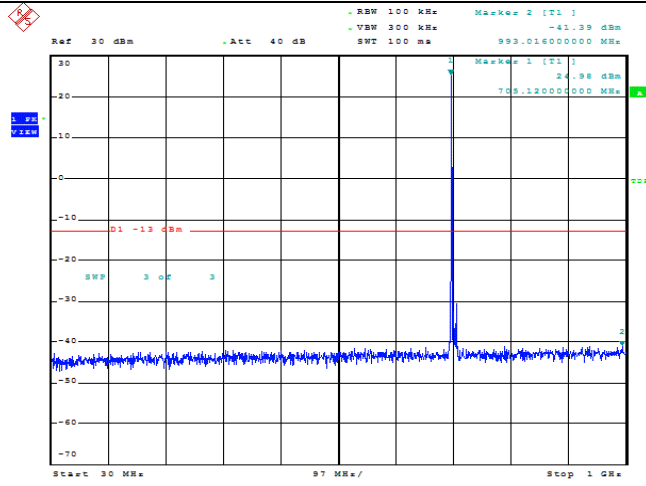
Band17-5MHz-16QAM-23825-1RB#0-Range1:30~1000MHz



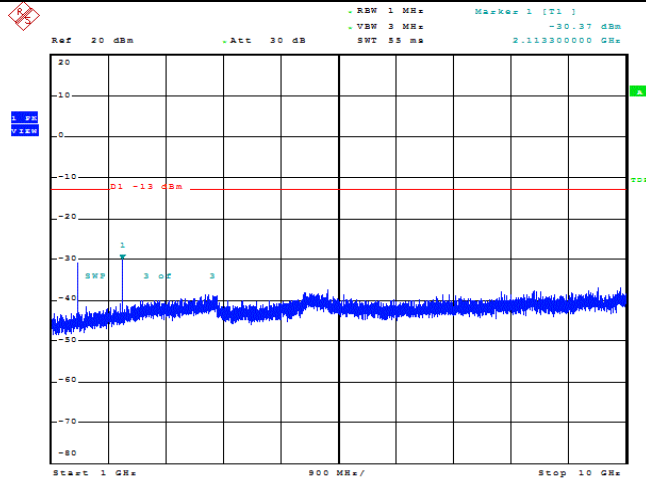
Band17-5MHz-16QAM-23825-1RB#0-Range2:1000~10000MHz



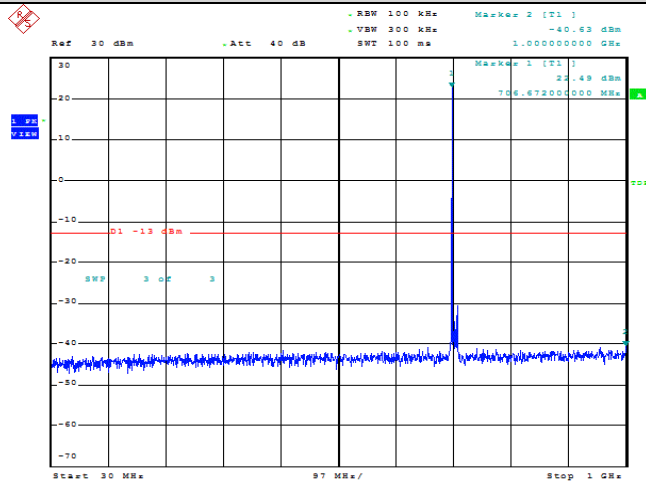
Band17-10MHz-QPSK-23780-1RB#0-Range1:30~1000MHz



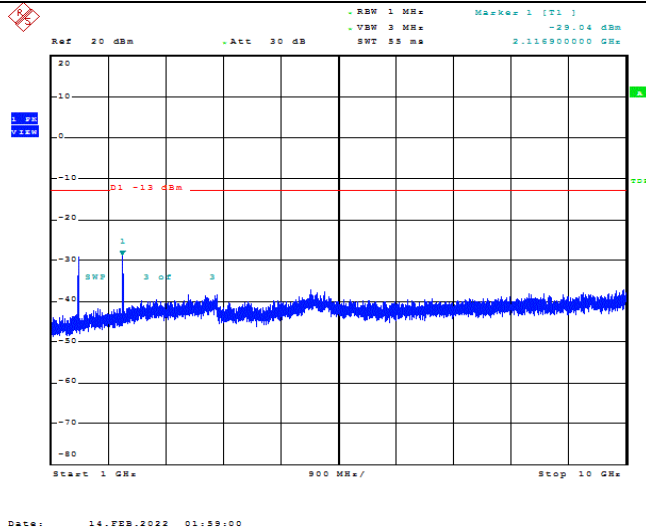
Band17-10MHz-QPSK-23780-1RB#0-Range2:1000~10000MHz



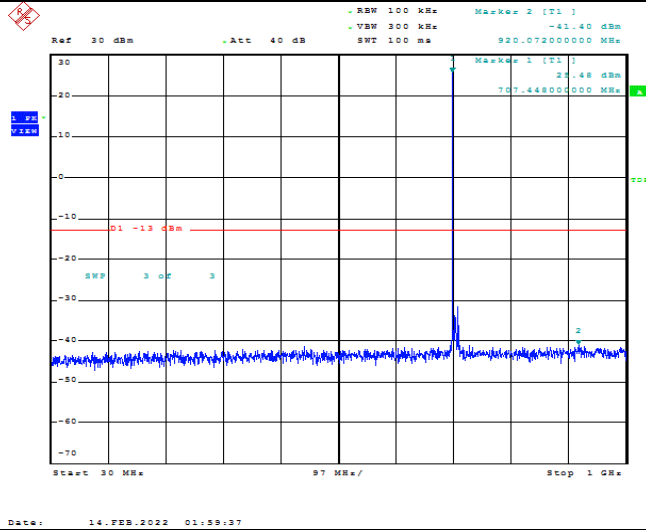
Band17-10MHz-QPSK-23790-1RB#0-Range1:30~1000MHz



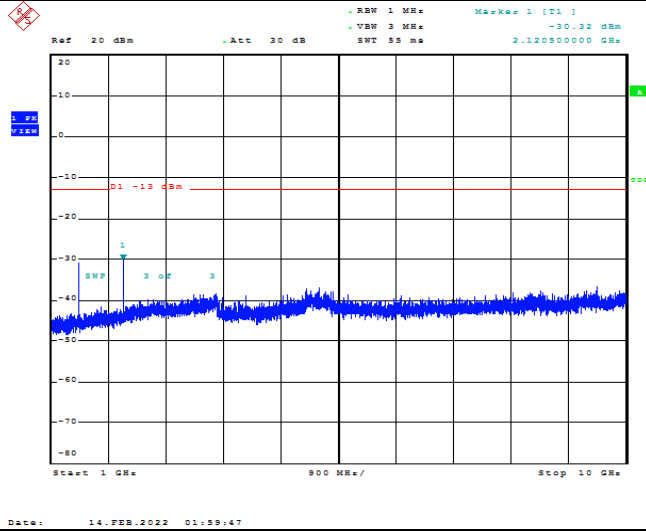
Band17-10MHz-QPSK-23790-1RB#0-Range2:1000~10000MHz



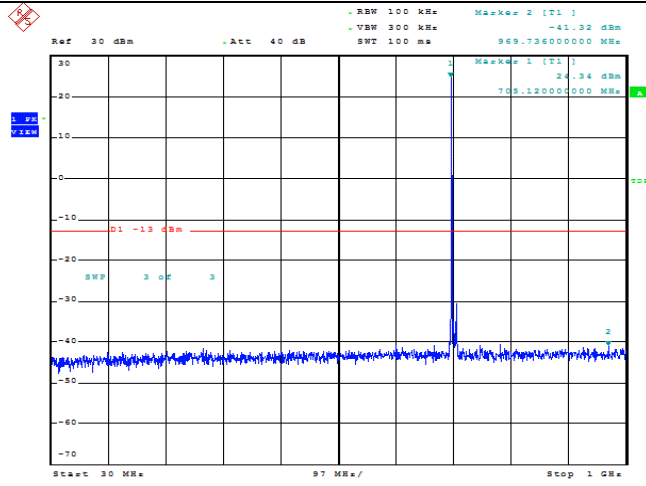
Band17-10MHz-QPSK-23800-1RB#0-Range1:30~1000MHz



Band17-10MHz-QPSK-23800-1RB#0-Range2:1000~10000MHz

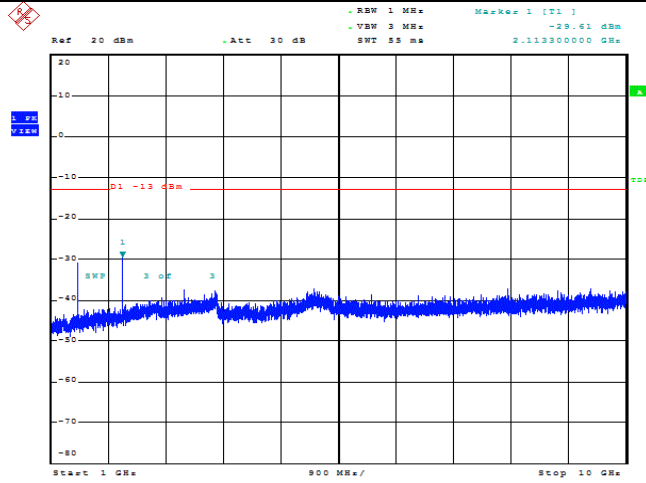


Band17-10MHz-16QAM-23780-1RB#0-Range1:30~1000MHz



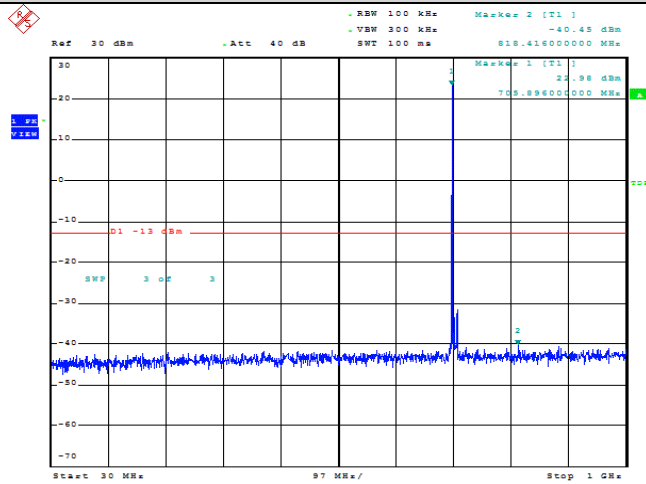
Date: 14.FEB.2022 01:58:24

Band17-10MHz-16QAM-23780-1RB#0-Range2:1000~10000MHz



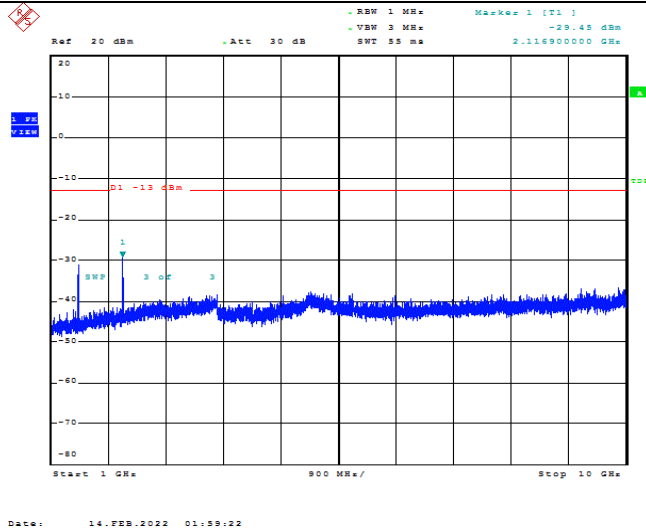
Date: 14.FEB.2022 01:58:34

Band17-10MHz-16QAM-23790-1RB#0-Range1:30~1000MHz

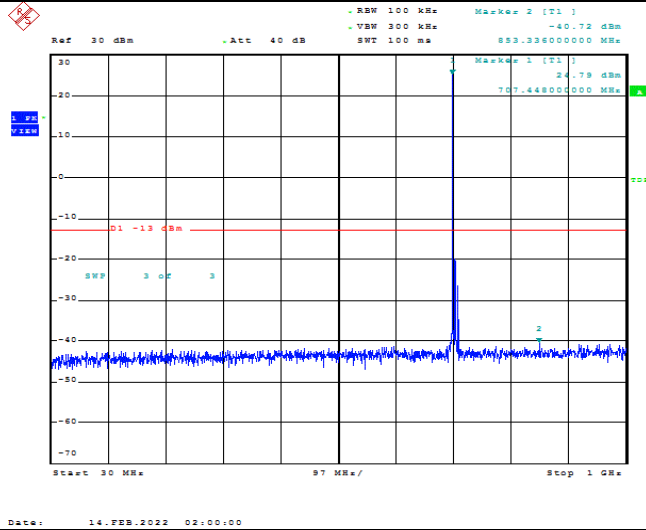


Date: 14.FEB.2022 01:59:12

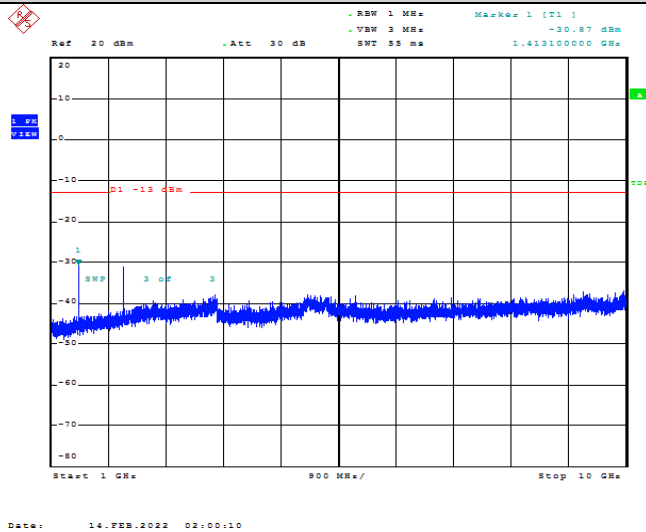
Band17-10MHz-16QAM-23790-1RB#0-Range2:1000~10000MHz



Band17-10MHz-16QAM-23800-1RB#0-Range1:30~1000MHz



Band17-10MHz-16QAM-23800-1RB#0-Range2:1000~10000MHz



## 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
Band17	5MHz	QPSK	23755	25RB#0	VL	NT	-3.78	-0.005350	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	VN	NT	-4.01	-0.005676	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	VH	NT	-2.37	-0.003355	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VL	NT	-2.98	-0.004197	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VN	NT	3.59	0.005056	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VH	NT	-1.70	-0.002394	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VL	NT	-2.66	-0.003728	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VN	NT	-1.50	-0.002102	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VH	NT	-2.10	-0.002943	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VL	NT	1.20	0.001699	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VN	NT	-1.83	-0.002590	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VH	NT	-2.36	-0.003340	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VL	NT	-2.52	-0.003549	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VN	NT	-2.93	-0.004127	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VH	NT	-1.65	-0.002324	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VL	NT	-1.69	-0.002369	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VN	NT	-1.30	-0.001822	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VH	NT	1.67	0.002341	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VL	NT	-2.59	-0.003653	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VN	NT	-2.05	-0.002891	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VH	NT	-3.62	-0.005106	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VL	NT	1.60	0.002254	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VN	NT	-1.62	-0.002282	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VH	NT	-3.33	-0.004690	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VL	NT	-2.49	-0.003502	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VN	NT	-3.78	-0.005316	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VH	NT	-2.83	-0.003980	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VL	NT	-3.40	-0.004795	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VN	NT	-1.42	-0.002003	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VH	NT	-3.08	-0.004344	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VL	NT	-3.06	-0.004310	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VN	NT	2.09	0.002944	±2.5	PASS

Band17	10MHz	16QAM	23790	50RB#0	VH	NT	-1.93	-0.002718	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VL	NT	1.37	0.001927	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VN	NT	-1.80	-0.002532	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VH	NT	-3.28	-0.004613	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	NV	-20	-3.33	-0.004713	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	-10	-3.20	-0.004529	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	0	-1.44	-0.002038	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	10	-2.16	-0.003057	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	20	-2.13	-0.003015	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	30	-4.09	-0.005789	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	40	-2.60	-0.003680	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	50	1.83	0.002590	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	65	-1.73	-0.002449	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-20	-1.89	-0.002662	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-10	-2.25	-0.003169	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	0	-2.40	-0.003380	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	10	-1.69	-0.002380	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	20	-2.72	-0.003831	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	30	-1.79	-0.002521	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	40	-1.50	-0.002113	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	50	-2.22	-0.003127	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	65	-3.30	-0.004648	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-20	-2.10	-0.002943	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-10	1.85	0.002593	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	0	-1.95	-0.002733	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	10	-1.50	-0.002102	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	20	-2.19	-0.003069	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	30	1.50	0.002102	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	40	1.33	0.001864	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	50	-1.95	-0.002733	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	65	1.73	0.002425	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-20	-3.00	-0.004246	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-10	-2.12	-0.003001	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	0	-3.83	-0.005421	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	10	-2.55	-0.003609	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	20	-1.70	-0.002406	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	30	-3.19	-0.004515	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	40	-4.09	-0.005789	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	50	-3.75	-0.005308	±2.5	PASS



Band17	5MHz	16QAM	23755	25RB#0	NV	65	-2.09	-0.002958	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-20	-1.07	-0.001507	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-10	-1.03	-0.001451	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	0	-2.56	-0.003606	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	10	-2.25	-0.003169	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	20	-2.09	-0.002944	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	30	2.53	0.003563	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	40	-2.30	-0.003239	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	50	-2.07	-0.002915	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	65	2.22	0.003127	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-20	-1.65	-0.002313	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-10	-1.86	-0.002607	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	0	-3.63	-0.005088	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	10	-2.59	-0.003630	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	20	-2.47	-0.003462	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	30	-1.60	-0.002242	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	40	-1.24	-0.001738	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	50	-2.06	-0.002887	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	65	-2.25	-0.003153	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-20	-2.12	-0.002990	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-10	-3.26	-0.004598	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	0	-2.10	-0.002962	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	10	-2.35	-0.003315	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	20	-1.60	-0.002257	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	30	-2.85	-0.004020	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	40	-2.30	-0.003244	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	50	-1.75	-0.002468	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	65	-3.60	-0.005078	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-20	-2.70	-0.003803	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-10	-1.07	-0.001507	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	0	-2.69	-0.003789	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	10	-2.25	-0.003169	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	20	-1.37	-0.001930	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	30	-1.07	-0.001507	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	40	1.40	0.001972	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	50	-1.75	-0.002465	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	65	-3.25	-0.004577	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-20	-2.86	-0.004023	±2.5	PASS

Band17	10MHz	QPSK	23800	50RB#0	NV	-10	-2.13	-0.002996	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	0	-3.48	-0.004895	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	10	-2.98	-0.004191	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	20	-3.49	-0.004909	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	30	-1.60	-0.002250	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	40	-3.96	-0.005570	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	50	-3.22	-0.004529	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	65	-2.39	-0.003361	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-20	-3.53	-0.004979	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-10	-2.75	-0.003879	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	0	-2.30	-0.003244	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	10	-1.99	-0.002807	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	20	-2.33	-0.003286	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	30	-2.55	-0.003597	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	40	-2.33	-0.003286	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	50	-2.95	-0.004161	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	65	-1.85	-0.002609	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-20	-1.80	-0.002535	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-10	-2.56	-0.003606	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	0	-2.53	-0.003563	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	10	-3.16	-0.004451	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	20	-2.79	-0.003930	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	30	-3.79	-0.005338	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	40	-3.75	-0.005282	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	50	0.99	0.001394	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	65	-2.53	-0.003563	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-20	-3.53	-0.004965	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-10	-2.89	-0.004065	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	0	-3.69	-0.005190	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	10	-1.59	-0.002236	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	20	-3.55	-0.004993	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	30	-3.32	-0.004669	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	40	-3.75	-0.005274	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	50	-3.86	-0.005429	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	65	-4.42	-0.006217	±2.5	PASS

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