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## **Appendix for LTE Band 5**

**Applicant: HONGKONG U-CLOUDLINK 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**

## TABLE OF CONTENTS

<b>1</b>	<b>Summary of Test Results Data and Graph</b>	<b>3</b>
1.1.	Appendix A: Conducted Power Output Data	3
1.2.	Appendix B: Peak-to-Average Ratio(CCDF)	8
1.3.	Appendix C: 26dB Bandwidth and Occupied Bandwidth	26
1.4.	Appendix D: Band Edge	35
1.5.	Appendix E: Conducted Spurious Emission	53
1.6.	Appendix F: Frequency Stability	71

# 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
Band5	1.4MHz	QPSK	20407	1RB#0	24.63	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	24.69	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	24.75	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	24.44	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	24.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	24.51	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	23.52	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	24.42	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	24.84	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	24.44	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	24.52	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	24.60	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	24.70	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	23.65	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	24.37	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	24.31	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	24.56	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	24.51	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	24.47	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	24.30	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	23.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.66	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.73	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.65	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	23.21	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	23.30	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	23.28	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	22.29	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	23.65	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	23.68	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	23.24	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	23.50	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	23.35	PASS

Band5	1.4MHz	16QAM	20525	3RB#3	23.31	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	22.48	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	23.08	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	23.30	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	23.42	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	23.35	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	23.21	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	23.43	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	22.40	PASS
Band5	3MHz	QPSK	20415	1RB#0	24.41	PASS
Band5	3MHz	QPSK	20415	1RB#8	24.74	PASS
Band5	3MHz	QPSK	20415	1RB#14	24.72	PASS
Band5	3MHz	QPSK	20415	8RB#0	23.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	23.48	PASS
Band5	3MHz	QPSK	20415	8RB#7	23.42	PASS
Band5	3MHz	QPSK	20415	15RB#0	23.48	PASS
Band5	3MHz	QPSK	20525	1RB#0	24.59	PASS
Band5	3MHz	QPSK	20525	1RB#8	24.69	PASS
Band5	3MHz	QPSK	20525	1RB#14	24.63	PASS
Band5	3MHz	QPSK	20525	8RB#0	23.50	PASS
Band5	3MHz	QPSK	20525	8RB#4	23.53	PASS
Band5	3MHz	QPSK	20525	8RB#7	23.51	PASS
Band5	3MHz	QPSK	20525	15RB#0	23.46	PASS
Band5	3MHz	QPSK	20635	1RB#0	24.48	PASS
Band5	3MHz	QPSK	20635	1RB#8	24.53	PASS
Band5	3MHz	QPSK	20635	1RB#14	24.29	PASS
Band5	3MHz	QPSK	20635	8RB#0	23.47	PASS
Band5	3MHz	QPSK	20635	8RB#4	23.47	PASS
Band5	3MHz	QPSK	20635	8RB#7	23.41	PASS
Band5	3MHz	QPSK	20635	15RB#0	23.49	PASS
Band5	3MHz	16QAM	20415	1RB#0	23.60	PASS
Band5	3MHz	16QAM	20415	1RB#8	23.51	PASS
Band5	3MHz	16QAM	20415	1RB#14	23.56	PASS
Band5	3MHz	16QAM	20415	8RB#0	22.63	PASS
Band5	3MHz	16QAM	20415	8RB#4	22.42	PASS
Band5	3MHz	16QAM	20415	8RB#7	22.67	PASS
Band5	3MHz	16QAM	20415	15RB#0	22.35	PASS
Band5	3MHz	16QAM	20525	1RB#0	23.97	PASS

Band5	3MHz	16QAM	20525	1RB#8	23.62	PASS
Band5	3MHz	16QAM	20525	1RB#14	24.09	PASS
Band5	3MHz	16QAM	20525	8RB#0	22.57	PASS
Band5	3MHz	16QAM	20525	8RB#4	22.48	PASS
Band5	3MHz	16QAM	20525	8RB#7	22.34	PASS
Band5	3MHz	16QAM	20525	15RB#0	22.34	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.32	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.64	PASS
Band5	3MHz	16QAM	20635	1RB#14	23.29	PASS
Band5	3MHz	16QAM	20635	8RB#0	22.67	PASS
Band5	3MHz	16QAM	20635	8RB#4	22.67	PASS
Band5	3MHz	16QAM	20635	8RB#7	22.60	PASS
Band5	3MHz	16QAM	20635	15RB#0	22.47	PASS
Band5	5MHz	QPSK	20425	1RB#0	24.40	PASS
Band5	5MHz	QPSK	20425	1RB#12	24.54	PASS
Band5	5MHz	QPSK	20425	1RB#24	24.39	PASS
Band5	5MHz	QPSK	20425	12RB#0	23.50	PASS
Band5	5MHz	QPSK	20425	12RB#6	23.41	PASS
Band5	5MHz	QPSK	20425	12RB#13	23.36	PASS
Band5	5MHz	QPSK	20425	25RB#0	23.44	PASS
Band5	5MHz	QPSK	20525	1RB#0	24.37	PASS
Band5	5MHz	QPSK	20525	1RB#12	24.42	PASS
Band5	5MHz	QPSK	20525	1RB#24	24.42	PASS
Band5	5MHz	QPSK	20525	12RB#0	23.36	PASS
Band5	5MHz	QPSK	20525	12RB#6	23.30	PASS
Band5	5MHz	QPSK	20525	12RB#13	23.38	PASS
Band5	5MHz	QPSK	20525	25RB#0	23.35	PASS
Band5	5MHz	QPSK	20625	1RB#0	24.32	PASS
Band5	5MHz	QPSK	20625	1RB#12	24.75	PASS
Band5	5MHz	QPSK	20625	1RB#24	24.40	PASS
Band5	5MHz	QPSK	20625	12RB#0	23.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	23.46	PASS
Band5	5MHz	QPSK	20625	12RB#13	23.42	PASS
Band5	5MHz	QPSK	20625	25RB#0	23.39	PASS
Band5	5MHz	16QAM	20425	1RB#0	23.20	PASS
Band5	5MHz	16QAM	20425	1RB#12	23.21	PASS
Band5	5MHz	16QAM	20425	1RB#24	23.52	PASS
Band5	5MHz	16QAM	20425	12RB#0	22.34	PASS

Band5	5MHz	16QAM	20425	12RB#6	22.44	PASS
Band5	5MHz	16QAM	20425	12RB#13	22.58	PASS
Band5	5MHz	16QAM	20425	25RB#0	22.38	PASS
Band5	5MHz	16QAM	20525	1RB#0	23.35	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.31	PASS
Band5	5MHz	16QAM	20525	1RB#24	23.60	PASS
Band5	5MHz	16QAM	20525	12RB#0	22.05	PASS
Band5	5MHz	16QAM	20525	12RB#6	22.07	PASS
Band5	5MHz	16QAM	20525	12RB#13	22.39	PASS
Band5	5MHz	16QAM	20525	25RB#0	22.35	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.76	PASS
Band5	5MHz	16QAM	20625	1RB#12	23.23	PASS
Band5	5MHz	16QAM	20625	1RB#24	23.35	PASS
Band5	5MHz	16QAM	20625	12RB#0	22.52	PASS
Band5	5MHz	16QAM	20625	12RB#6	22.50	PASS
Band5	5MHz	16QAM	20625	12RB#13	22.40	PASS
Band5	5MHz	16QAM	20625	25RB#0	22.46	PASS
Band5	10MHz	QPSK	20450	1RB#0	24.43	PASS
Band5	10MHz	QPSK	20450	1RB#24	24.56	PASS
Band5	10MHz	QPSK	20450	1RB#49	24.33	PASS
Band5	10MHz	QPSK	20450	25RB#0	23.54	PASS
Band5	10MHz	QPSK	20450	25RB#12	23.51	PASS
Band5	10MHz	QPSK	20450	25RB#25	23.38	PASS
Band5	10MHz	QPSK	20450	50RB#0	23.51	PASS
Band5	10MHz	QPSK	20525	1RB#0	24.64	PASS
Band5	10MHz	QPSK	20525	1RB#24	24.98	PASS
Band5	10MHz	QPSK	20525	1RB#49	24.50	PASS
Band5	10MHz	QPSK	20525	25RB#0	23.55	PASS
Band5	10MHz	QPSK	20525	25RB#12	23.47	PASS
Band5	10MHz	QPSK	20525	25RB#25	23.53	PASS
Band5	10MHz	QPSK	20525	50RB#0	23.56	PASS
Band5	10MHz	QPSK	20600	1RB#0	24.52	PASS
Band5	10MHz	QPSK	20600	1RB#24	24.60	PASS
Band5	10MHz	QPSK	20600	1RB#49	24.37	PASS
Band5	10MHz	QPSK	20600	25RB#0	23.60	PASS
Band5	10MHz	QPSK	20600	25RB#12	23.50	PASS
Band5	10MHz	QPSK	20600	25RB#25	23.50	PASS
Band5	10MHz	QPSK	20600	50RB#0	23.55	PASS

Band5	10MHz	16QAM	20450	1RB#0	23.35	PASS
Band5	10MHz	16QAM	20450	1RB#24	23.35	PASS
Band5	10MHz	16QAM	20450	1RB#49	23.67	PASS
Band5	10MHz	16QAM	20450	25RB#0	22.50	PASS
Band5	10MHz	16QAM	20450	25RB#12	22.59	PASS
Band5	10MHz	16QAM	20450	25RB#25	22.59	PASS
Band5	10MHz	16QAM	20450	50RB#0	22.49	PASS
Band5	10MHz	16QAM	20525	1RB#0	23.33	PASS
Band5	10MHz	16QAM	20525	1RB#24	24.27	PASS
Band5	10MHz	16QAM	20525	1RB#49	24.27	PASS
Band5	10MHz	16QAM	20525	25RB#0	22.43	PASS
Band5	10MHz	16QAM	20525	25RB#12	22.47	PASS
Band5	10MHz	16QAM	20525	25RB#25	22.53	PASS
Band5	10MHz	16QAM	20525	50RB#0	22.53	PASS
Band5	10MHz	16QAM	20600	1RB#0	23.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.55	PASS
Band5	10MHz	16QAM	20600	1RB#49	23.39	PASS
Band5	10MHz	16QAM	20600	25RB#0	22.43	PASS
Band5	10MHz	16QAM	20600	25RB#12	22.56	PASS
Band5	10MHz	16QAM	20600	25RB#25	22.56	PASS
Band5	10MHz	16QAM	20600	50RB#0	22.41	PASS

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

### Test Result

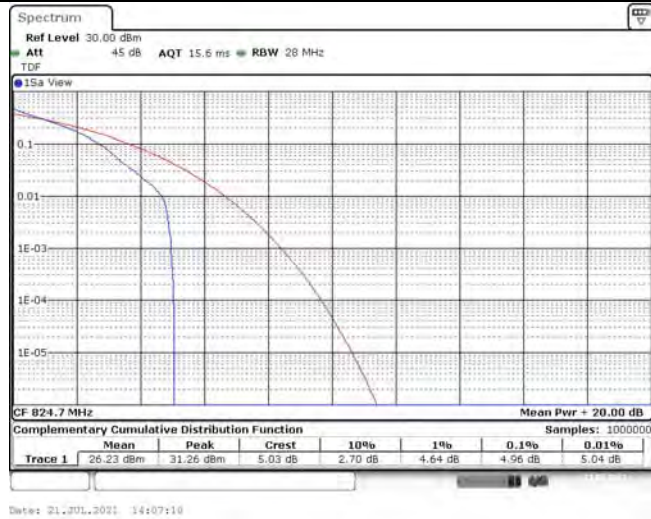
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	4.96	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.59	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.81	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.45	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	4.49	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.19	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	6.03	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.46	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.83	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.41	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	5.51	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.09	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.96	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.71	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.87	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.48	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.81	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.22	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.94	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.55	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.83	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.35	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	5.54	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.20	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	4.96	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.62	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.90	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.39	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.93	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.33	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.97	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.49	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.83	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.23	13	PASS



Band5	5MHz	16QAM	20625	1RB#0	5.80	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.23	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	4.93	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.57	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.99	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.28	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.55	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.36	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.86	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.43	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	6.09	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.20	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.42	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.29	13	PASS

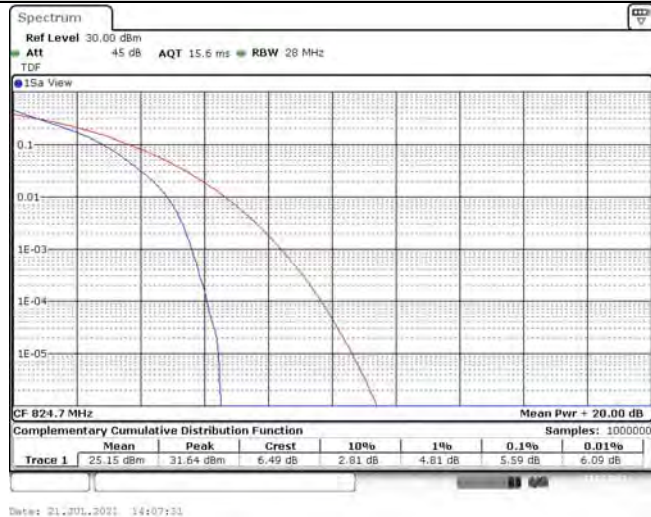
# Test Graphs

Band5-1.4MHz-QPSK-20407-1RB#0



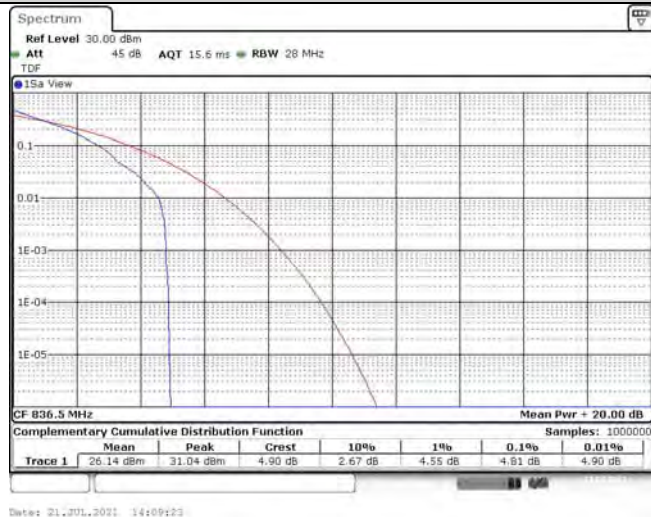
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Band5-1.4MHz-QPSK-20407-6RB#0



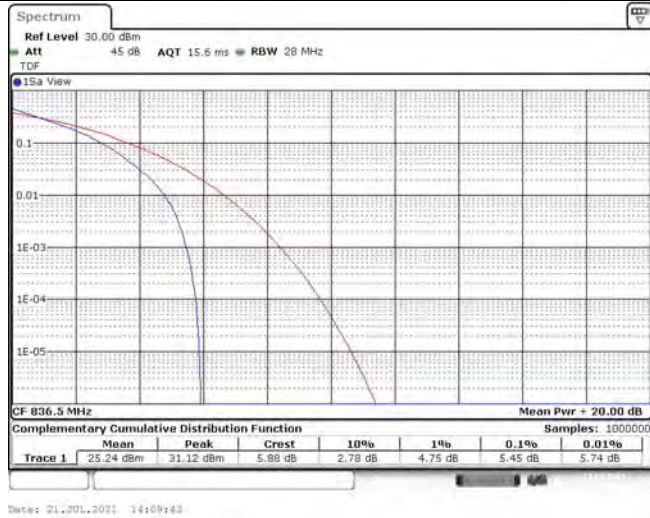
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Band5-1.4MHz-QPSK-20525-1RB#0

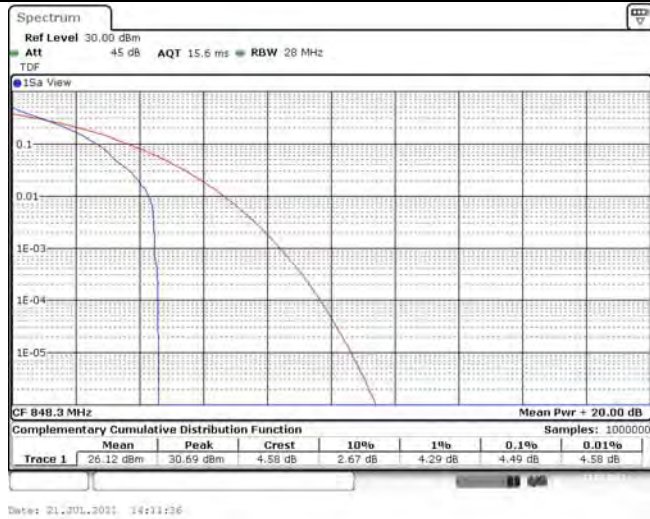


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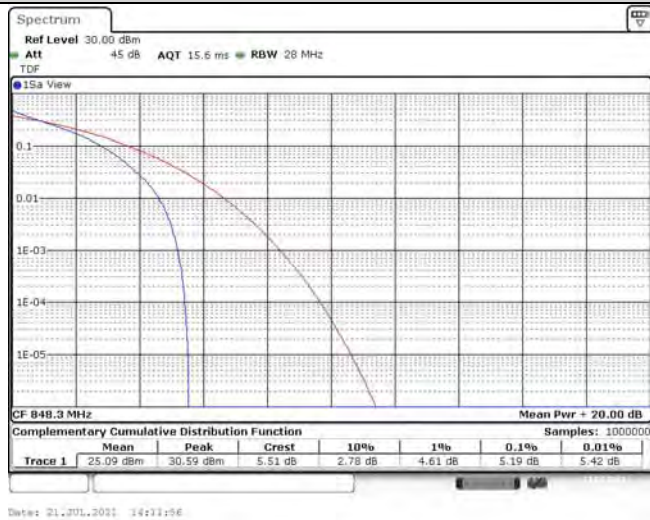
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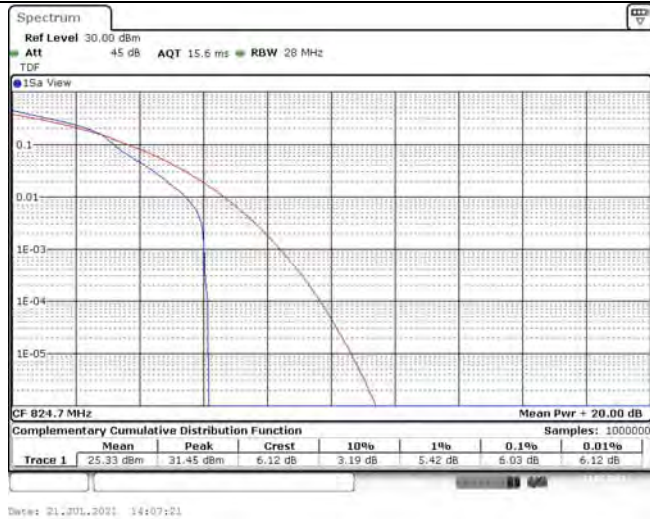
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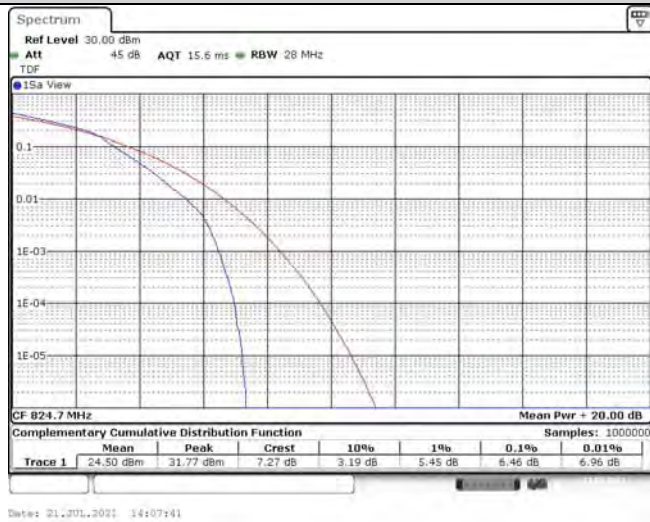
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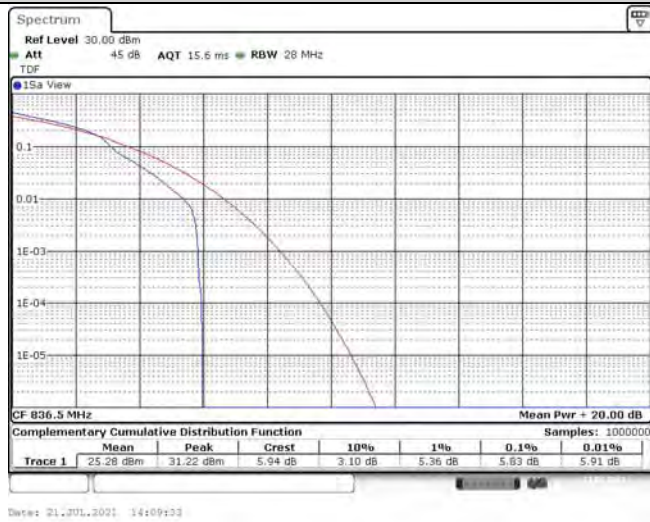
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Band5-1.4MHz-16QAM-20407-6RB#0



Band5-1.4MHz-16QAM-20525-1RB#0



Band5-1.4MHz-16QAM-20525-6RB#0

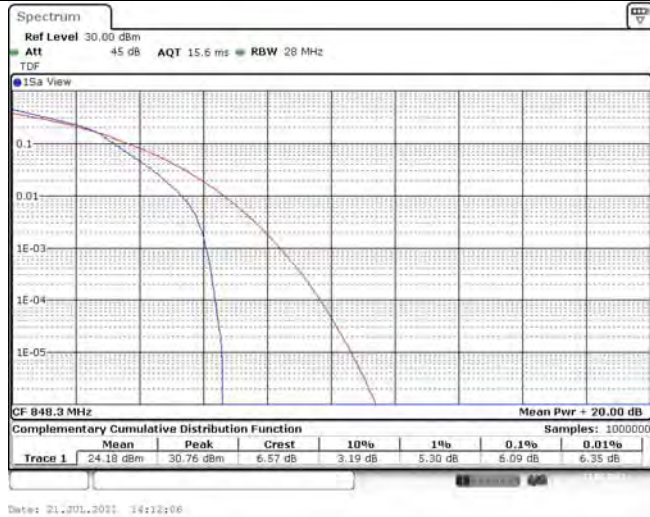




Band5-1.4MHz-16QAM-20643-1RB#0



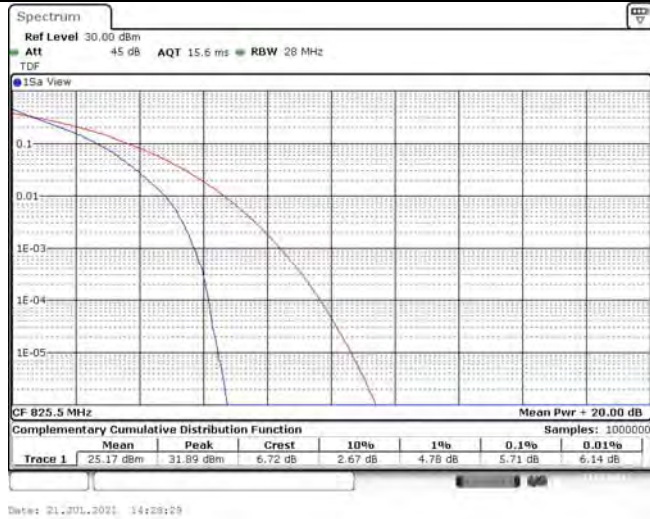
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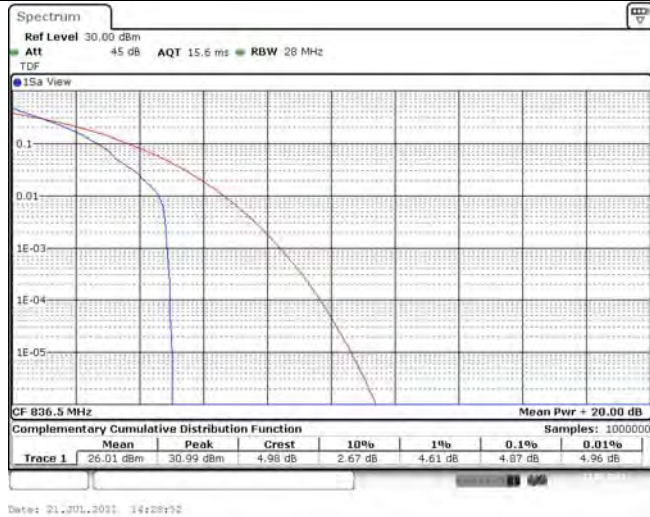
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Band5-3MHz-QPSK-20415-15RB#0



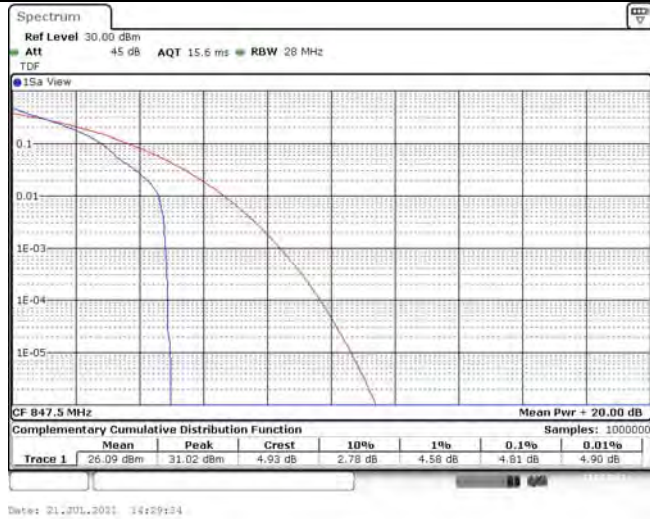
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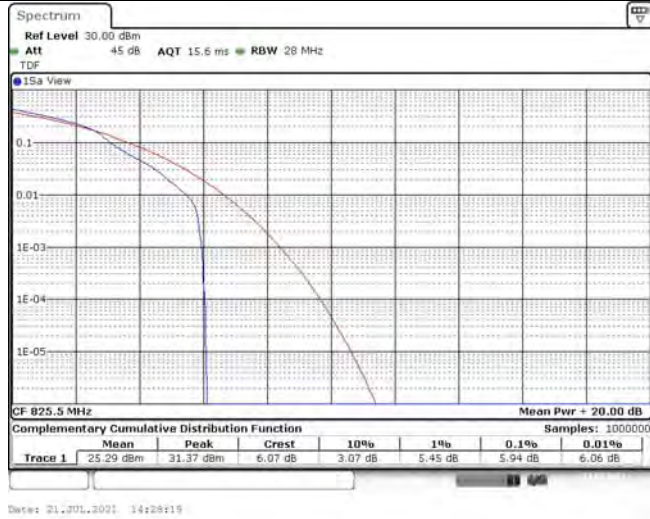


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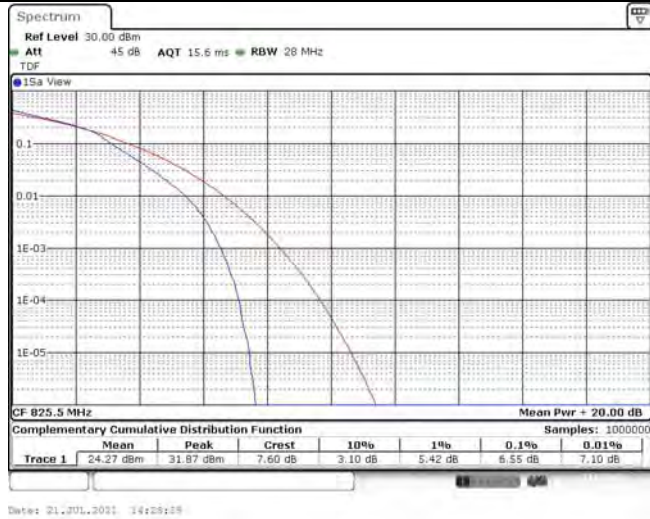


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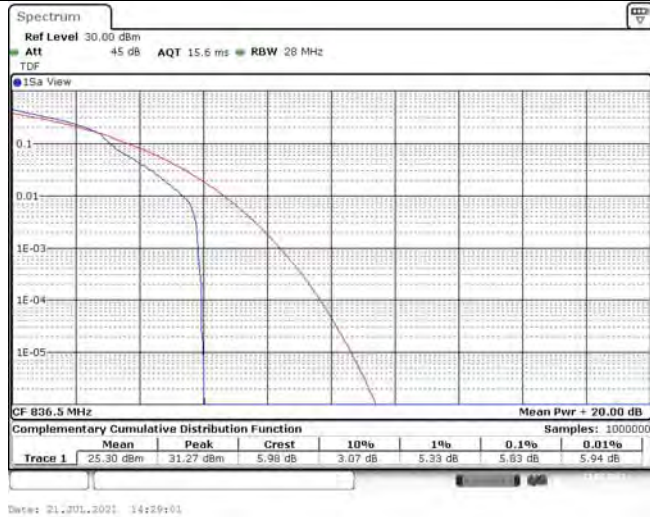




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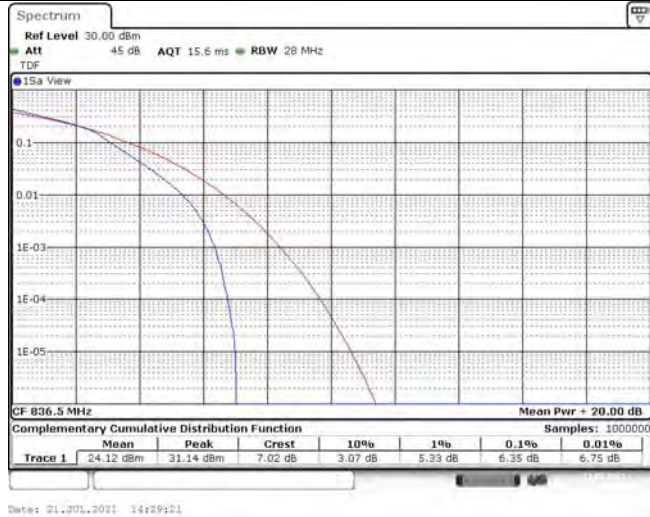


Band5-3MHz-16QAM-20525-1RB#0

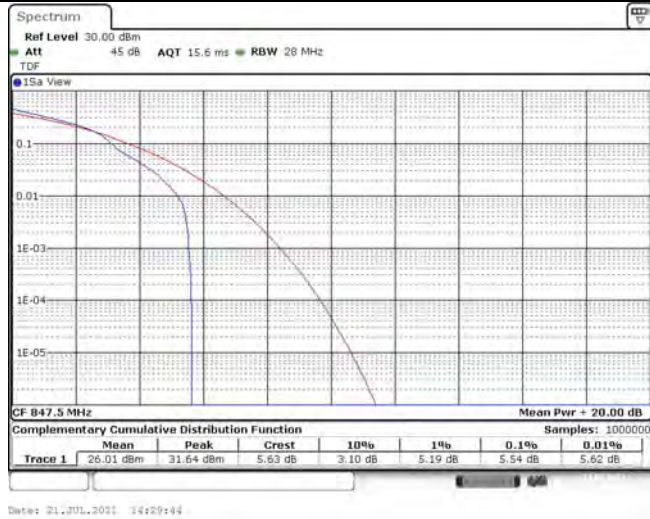


Band5-3MHz-16QAM-20525-15RB#0

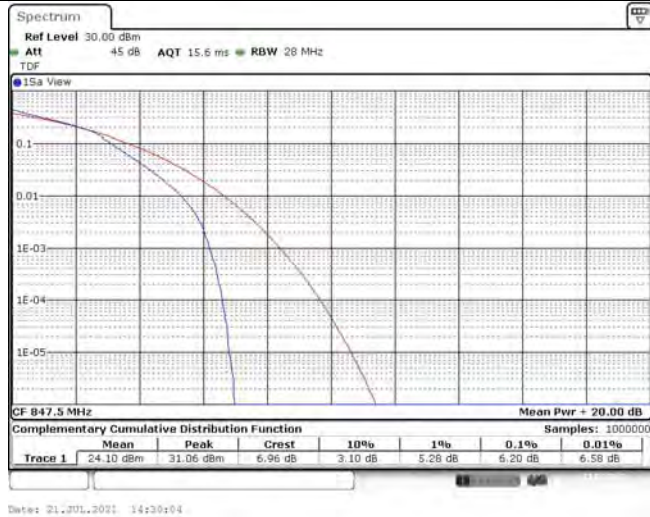




Band5-3MHz-16QAM-20635-1RB#0



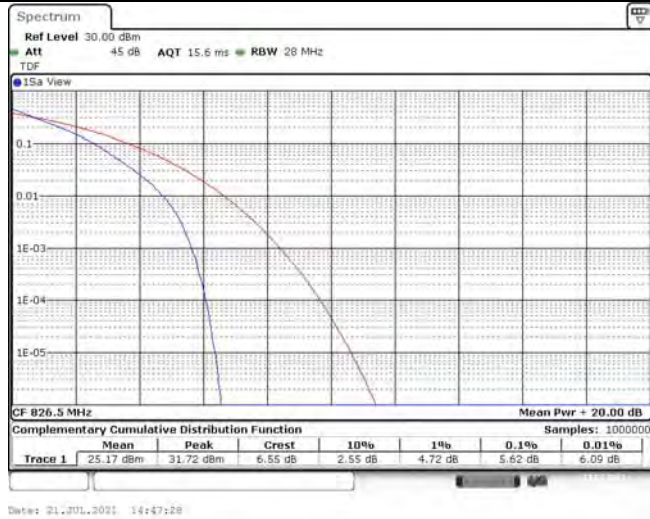
Band5-3MHz-16QAM-20635-15RB#0



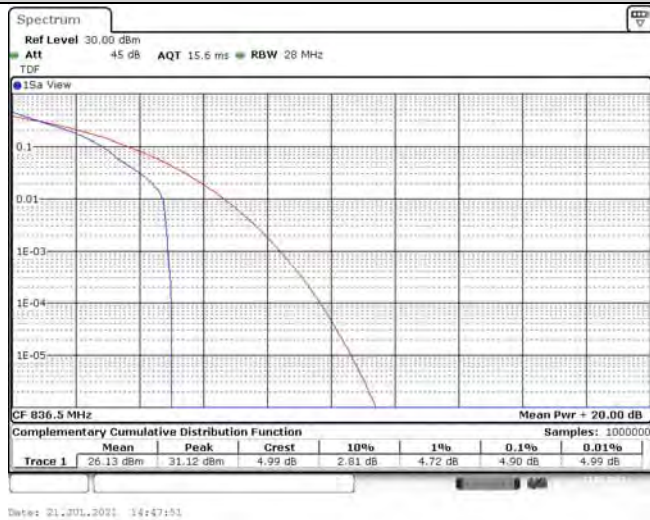
Band5-5MHz-QPSK-20425-1RB#0



Band5-5MHz-QPSK-20425-25RB#0



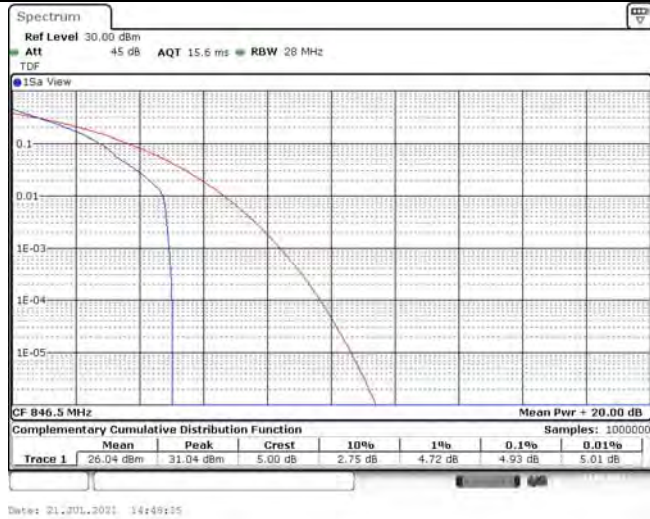
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Band5-5MHz-QPSK-20525-25RB#0



Band5-5MHz-QPSK-20625-1RB#0

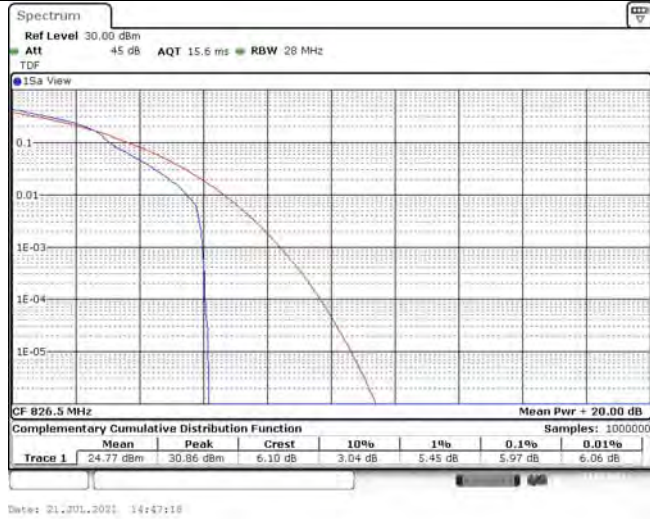


Band5-5MHz-QPSK-20625-25RB#0



Band5-5MHz-16QAM-20425-1RB#0

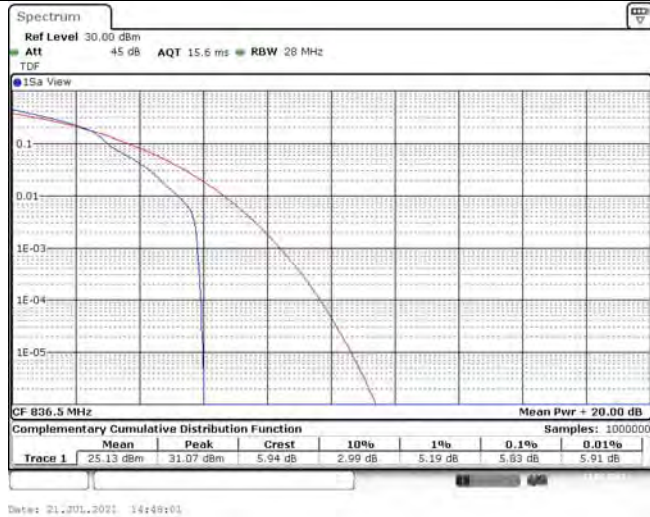




Band5-5MHz-16QAM-20425-25RB#0



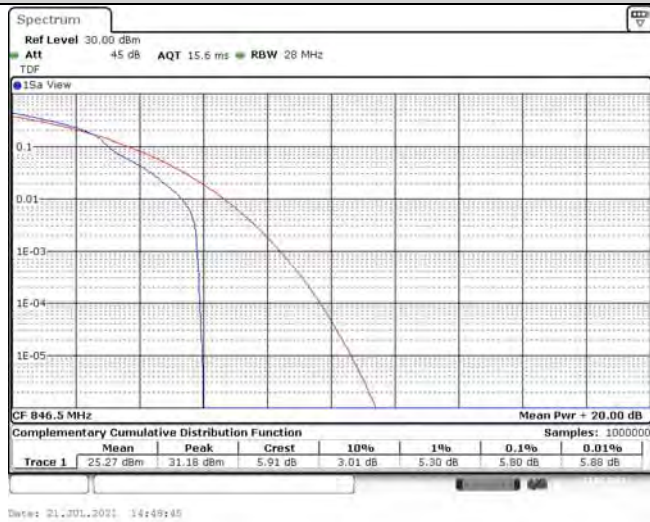
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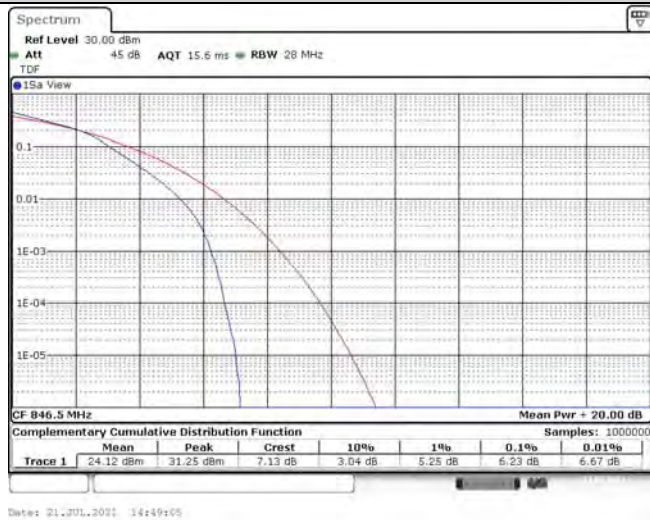
Band5-5MHz-16QAM-20525-25RB#0



Band5-5MHz-16QAM-20625-1RB#0



Band5-5MHz-16QAM-20625-25RB#0



Band5-10MHz-QPSK-20450-1RB#0



Band5-10MHz-QPSK-20450-50RB#0

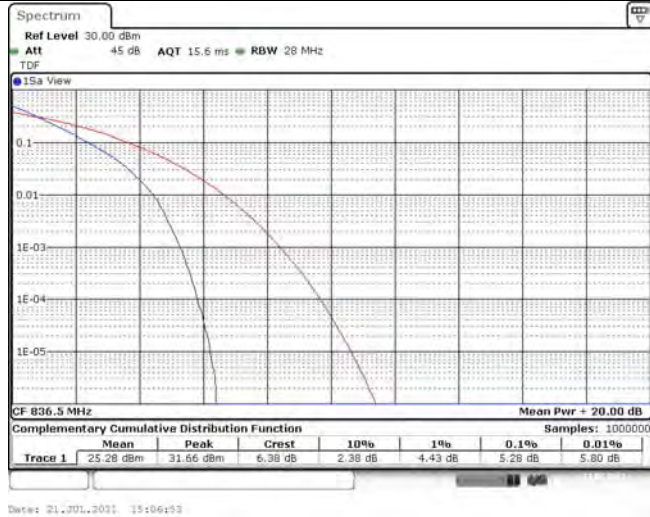


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Band5-10MHz-QPSK-20525-50RB#0





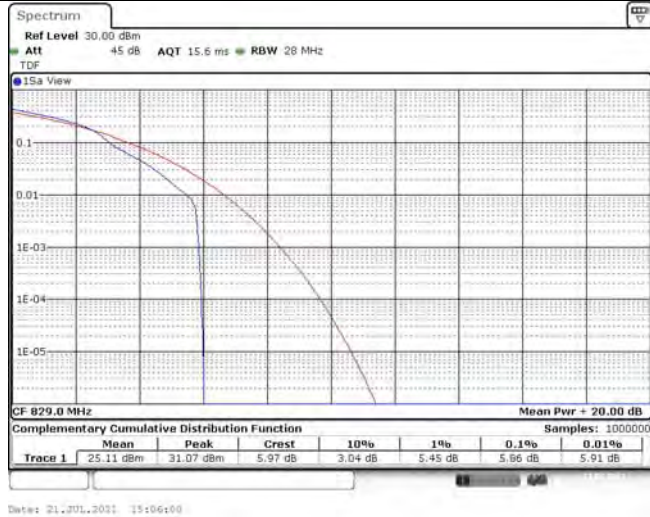
Band5-10MHz-QPSK-20600-1RB#0



Band5-10MHz-QPSK-20600-50RB#0



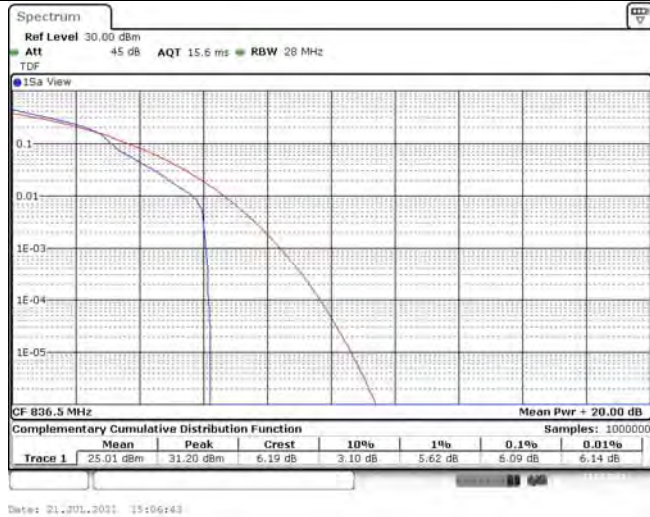
Band5-10MHz-16QAM-20450-1RB#0



Band5-10MHz-16QAM-20450-50RB#0

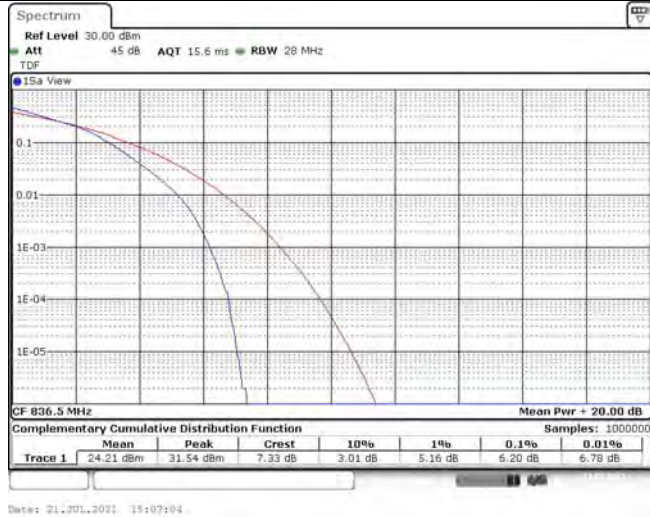


Band5-10MHz-16QAM-20525-1RB#0



Band5-10MHz-16QAM-20525-50RB#0

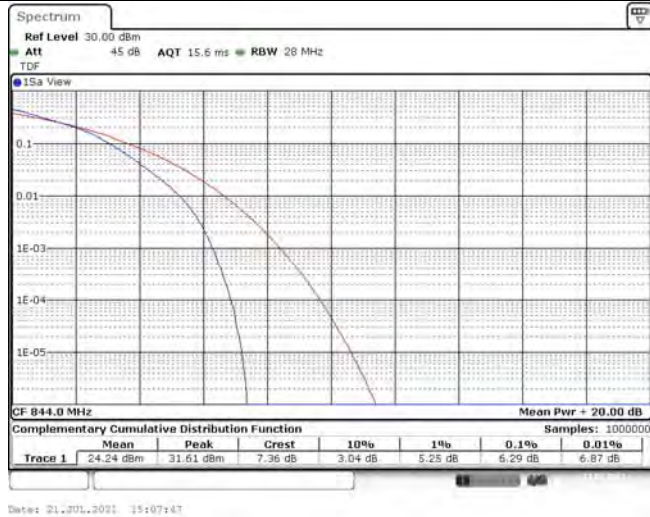




Band5-10MHz-16QAM-20600-1RB#0



Band5-10MHz-16QAM-20600-50RB#0



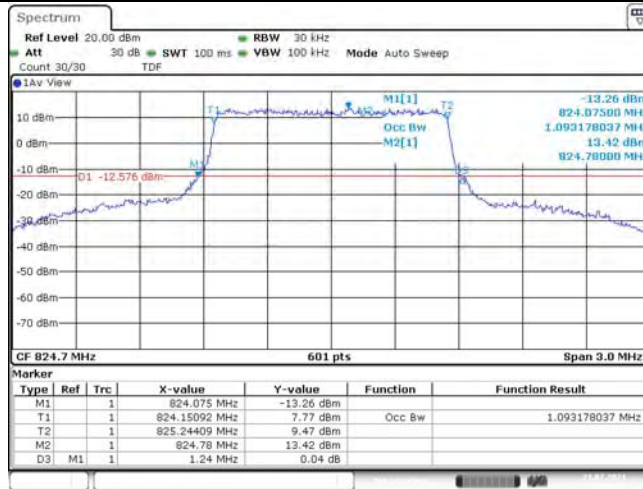
### 1.3. Appendix C: 26dB Bandwidth and Occupied Bandwidth

#### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.093	1.240	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.088	1.230	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.088	1.235	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.088	1.230	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.088	1.225	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.093	1.230	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.696	2.880	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.696	2.890	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.696	2.860	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.696	2.860	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.696	2.860	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.696	2.880	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.496	4.790	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.486	4.780	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.496	4.780	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.496	4.800	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.505	4.780	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.496	4.770	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.985	9.533	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.918	9.533	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.952	9.533	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.985	9.533	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.918	9.533	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.952	9.567	PASS

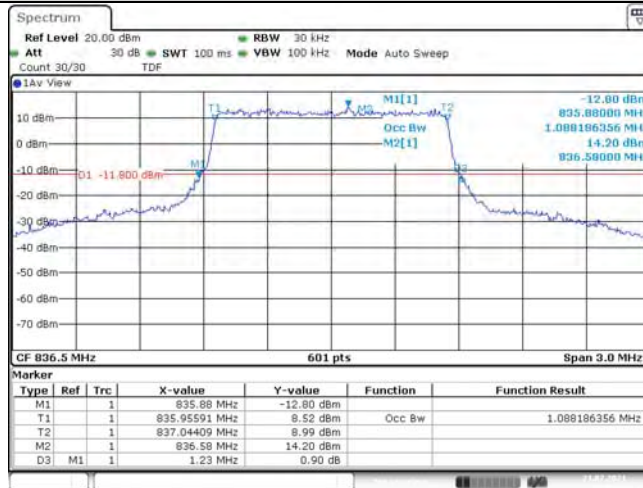
# Test Graphs

Band5-1.4MHz-QPSK-20407-6RB#0-1.093



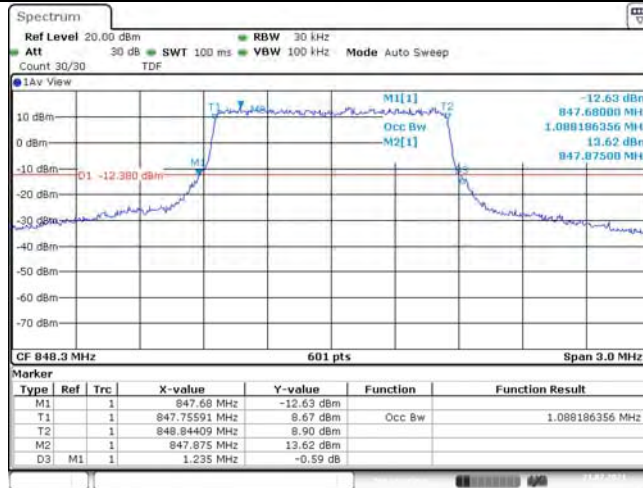
Date: 21.JUL.2021 13:45:29

Band5-1.4MHz-QPSK-20525-6RB#0-1.088



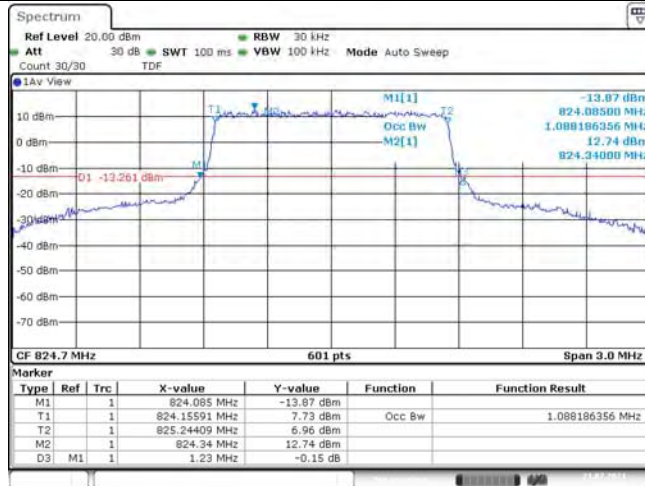
Date: 21.JUL.2021 13:46:23

Band5-1.4MHz-QPSK-20643-6RB#0-1.088



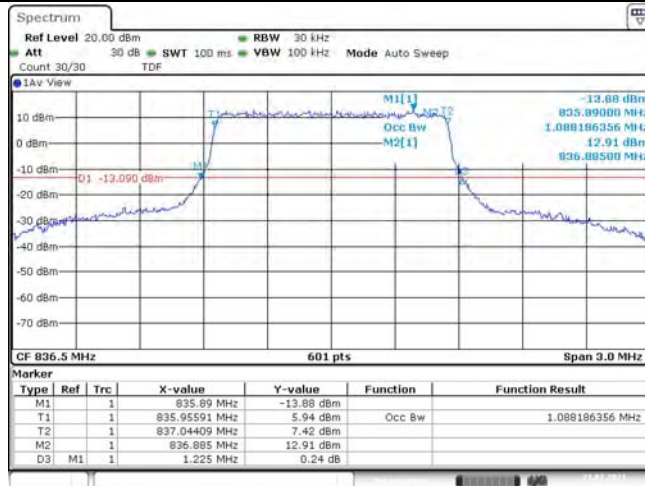
Date: 21.JUL.2021 13:47:17

Band5-1.4MHz-16QAM-20407-6RB#0-1.088



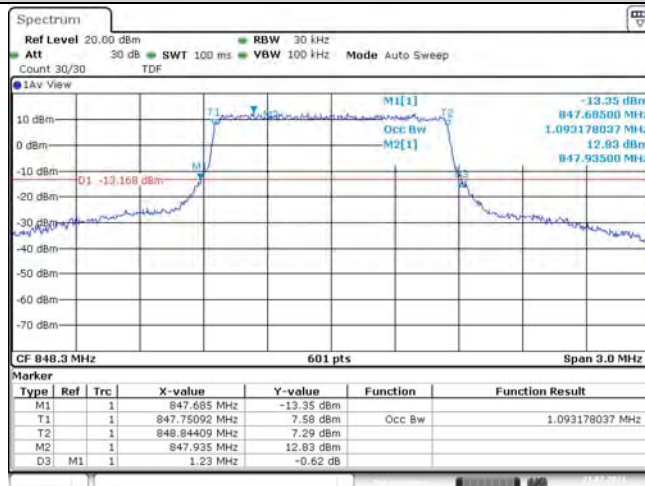
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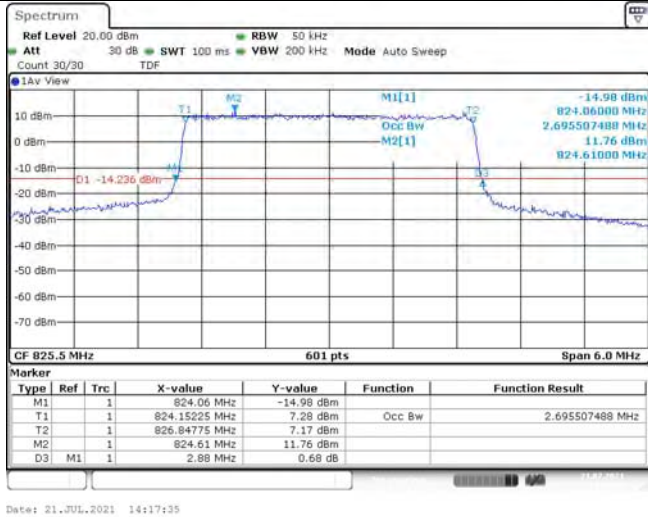
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Band5-1.4MHz-16QAM-20643-6RB#0-1.093

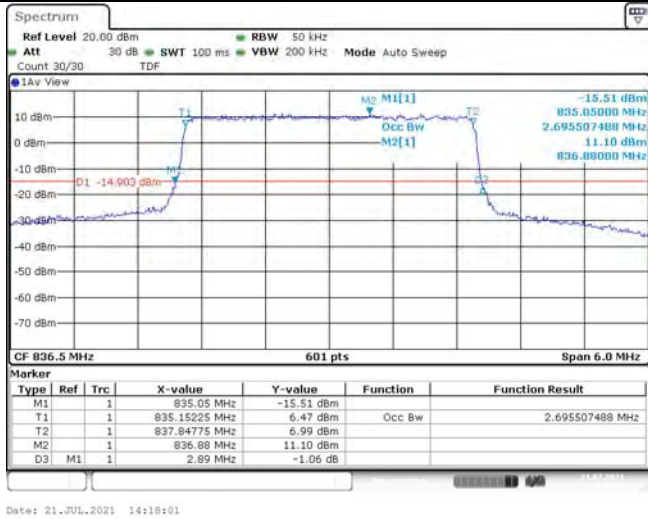


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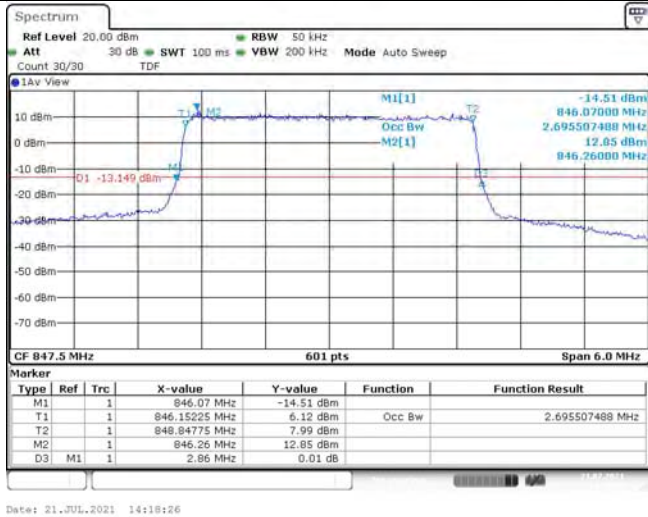
Band5-3MHz-QPSK-20415-15RB#0-2.696



Band5-3MHz-QPSK-20525-15RB#0-2.696

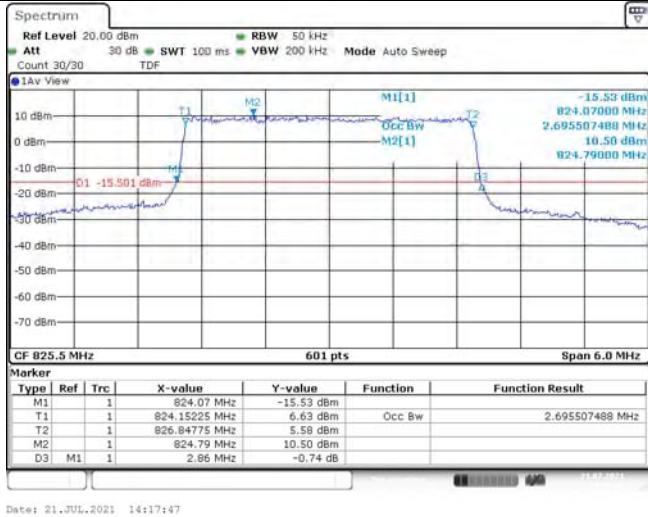


Band5-3MHz-QPSK-20635-15RB#0-2.696

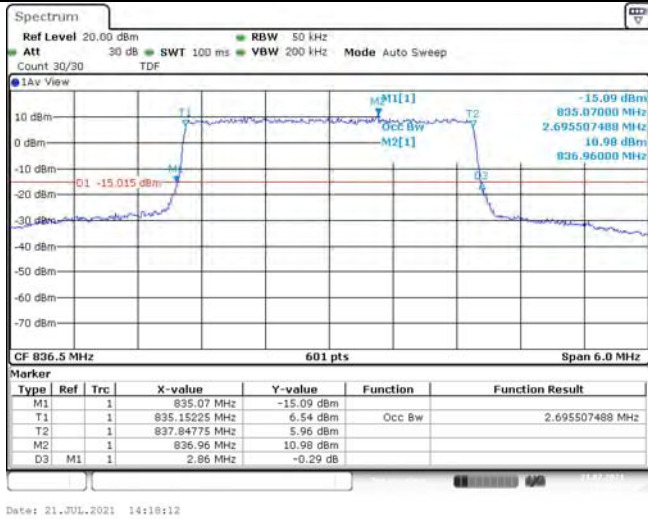


Band5-3MHz-16QAM-20415-15RB#0-2.696

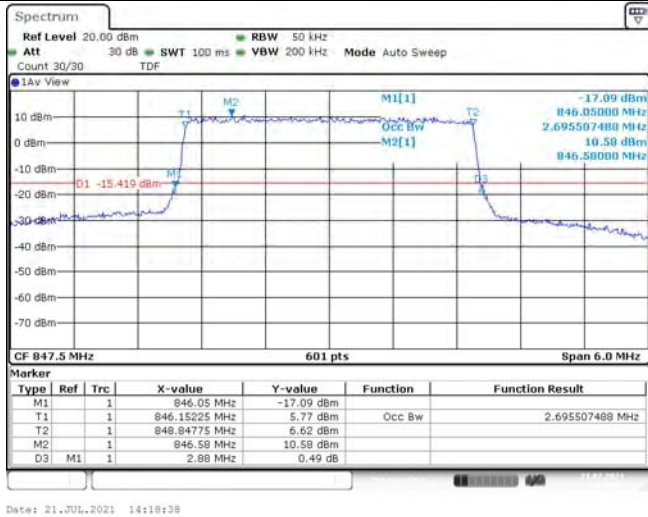




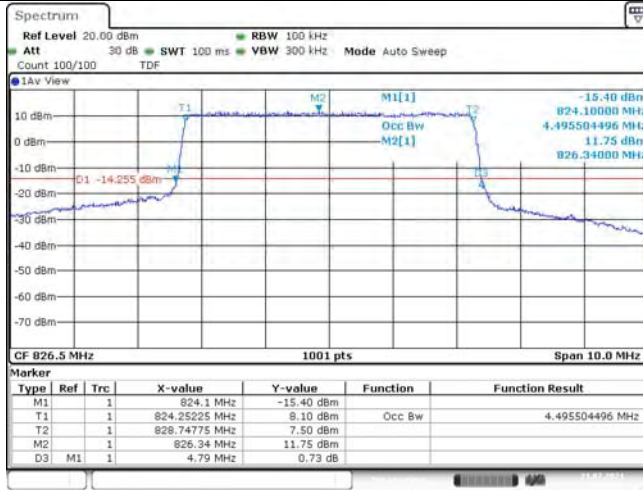
Band5-3MHz-16QAM-20525-15RB#0-2.696



Band5-3MHz-16QAM-20635-15RB#0-2.696

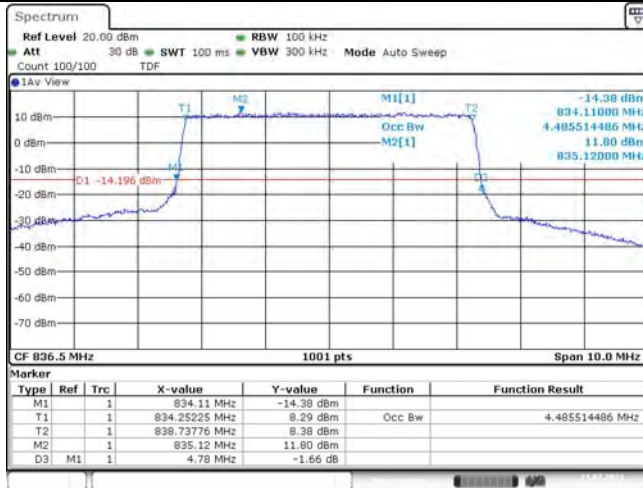


Band5-5MHz-QPSK-20425-25RB#0-4.496



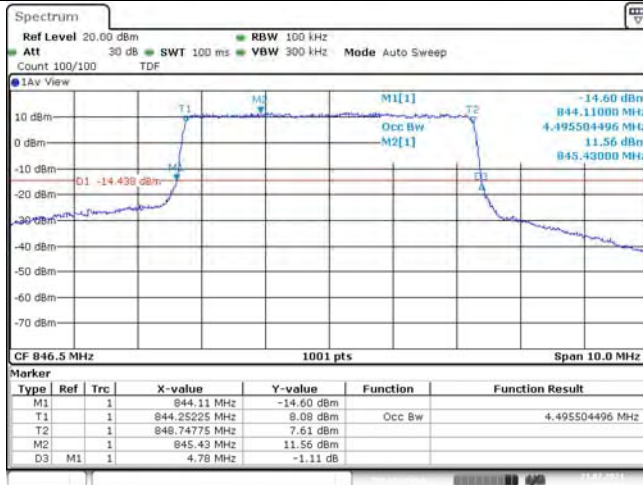
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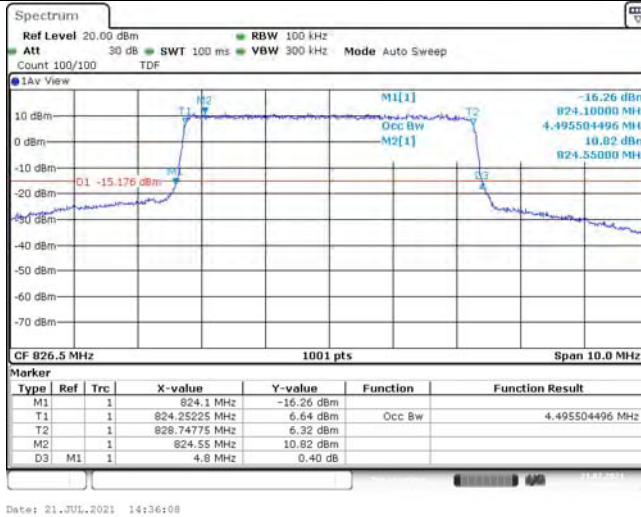
Date: 21.JUL.2021 14:36:30

### Band5-5MHz-QPSK-20625-25RB#0-4.496

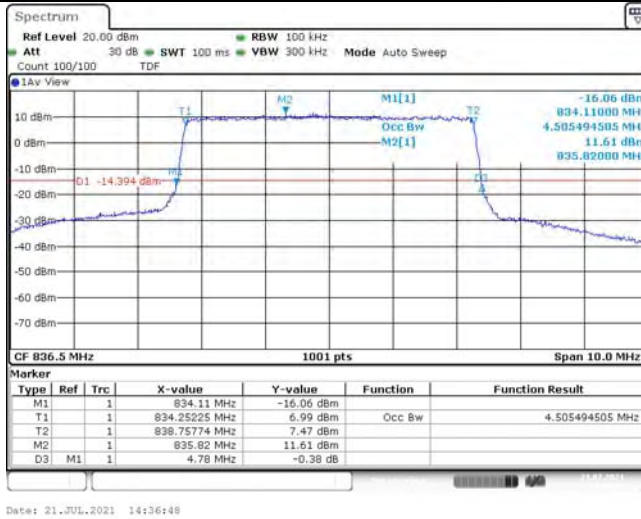


Date: 21.JUL.2021 14:37:09

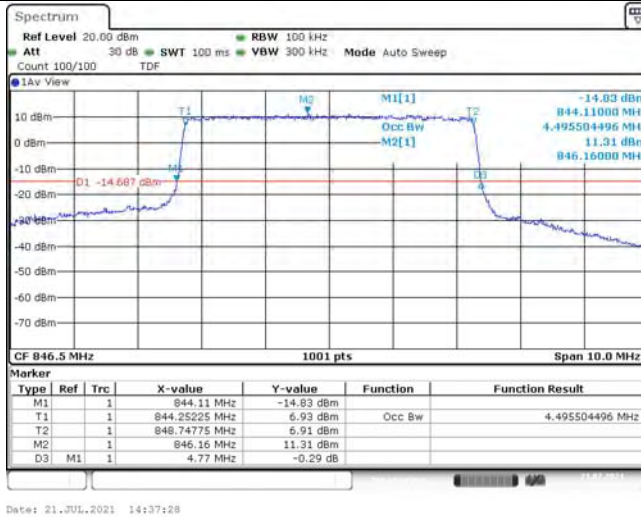
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Band5-5MHz-16QAM-20525-25RB#0-4.505

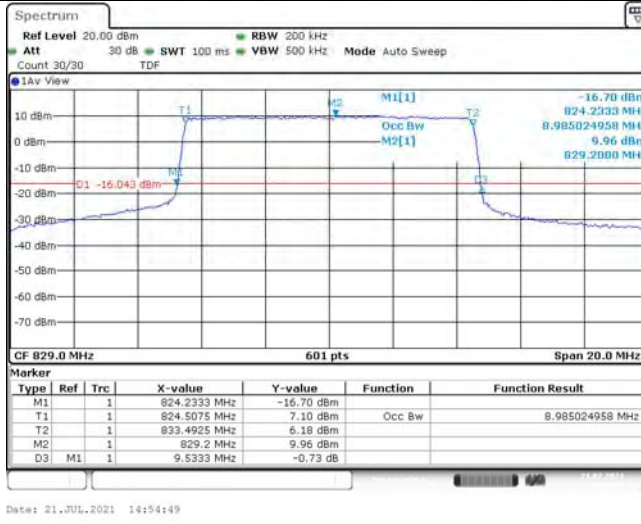


Band5-5MHz-16QAM-20625-25RB#0-4.496

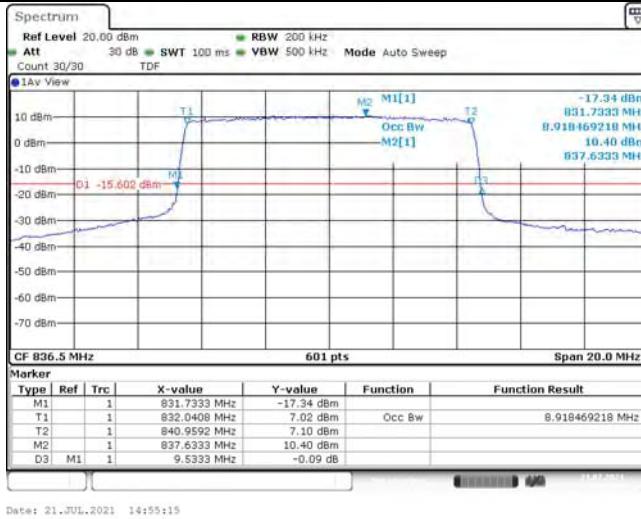


Band5-10MHz-QPSK-20450-50RB#0-8.985

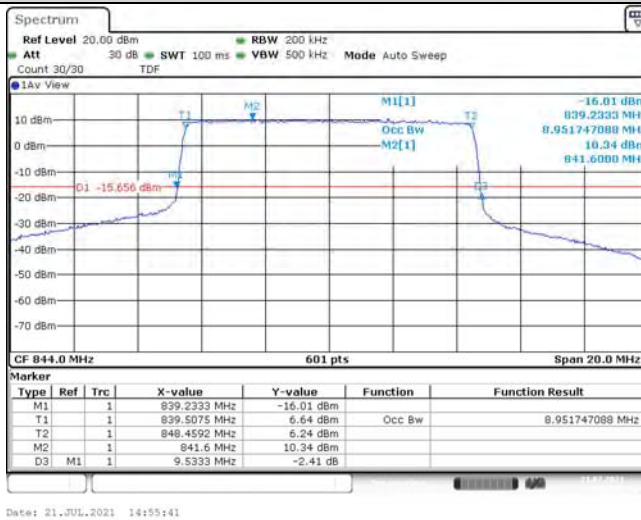




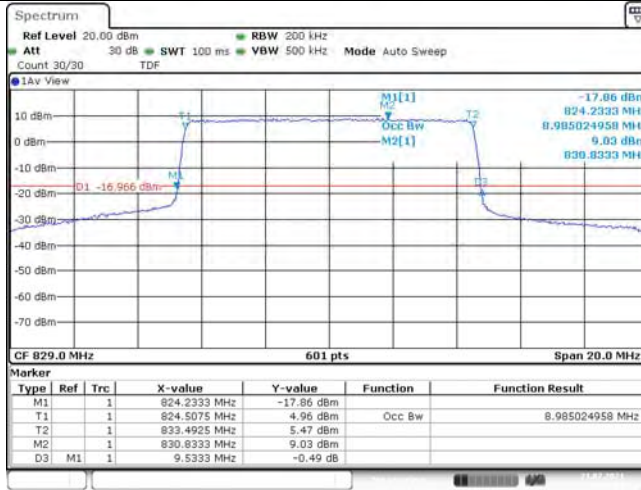
Band5-10MHz-QPSK-20525-50RB#0-8.918



Band5-10MHz-QPSK-20600-50RB#0-8.952

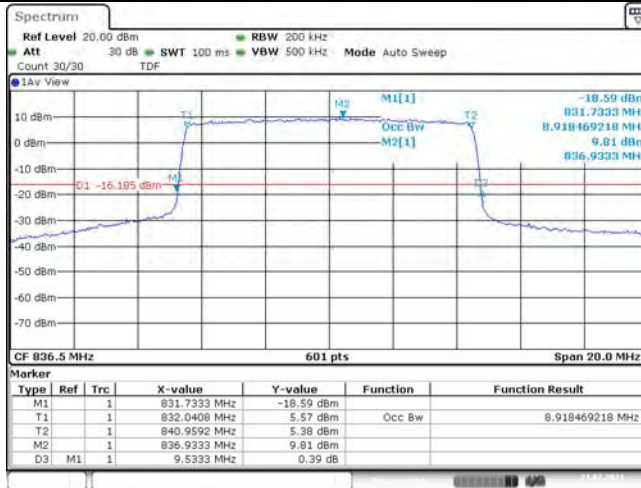


Band5-10MHz-16QAM-20450-50RB#0-8.985



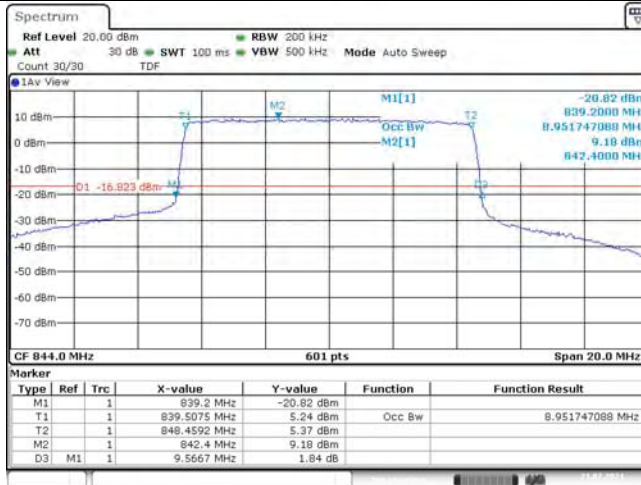
Date: 21.JUL.2021 14:55:01

### Band5-10MHz-16QAM-20525-50RB#0-8.918



Date: 21.JUL.2021 14:55:27

### Band5-10MHz-16QAM-20600-50RB#0-8.952



Date: 21.JUL.2021 14:55:52

## 1.4. Appendix D: Band Edge

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	-21.64	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	-43.46	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-23.42	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	-40.67	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-20.06	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-26.59	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-22.72	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	-45.53	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-24.07	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	-41.90	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-22.82	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-26.73	PASS
Band5	3MHz	QPSK	20415	1RB#0	-18.22	PASS
Band5	3MHz	QPSK	20415	1RB#14	-41.88	PASS
Band5	3MHz	QPSK	20415	15RB#0	-22.33	PASS
Band5	3MHz	QPSK	20635	1RB#0	-44.30	PASS
Band5	3MHz	QPSK	20635	1RB#14	-18.01	PASS
Band5	3MHz	QPSK	20635	15RB#0	-26.46	PASS
Band5	3MHz	16QAM	20415	1RB#0	-19.13	PASS
Band5	3MHz	16QAM	20415	1RB#14	-43.33	PASS
Band5	3MHz	16QAM	20415	15RB#0	-23.29	PASS
Band5	3MHz	16QAM	20635	1RB#0	-44.24	PASS
Band5	3MHz	16QAM	20635	1RB#14	-18.61	PASS
Band5	3MHz	16QAM	20635	15RB#0	-26.76	PASS
Band5	5MHz	QPSK	20425	1RB#0	-20.57	PASS
Band5	5MHz	QPSK	20425	1RB#24	-53.39	PASS
Band5	5MHz	QPSK	20425	25RB#0	-22.62	PASS
Band5	5MHz	QPSK	20625	1RB#0	-53.39	PASS
Band5	5MHz	QPSK	20625	1RB#24	-20.78	PASS
Band5	5MHz	QPSK	20625	25RB#0	-26.60	PASS
Band5	5MHz	16QAM	20425	1RB#0	-23.04	PASS
Band5	5MHz	16QAM	20425	1RB#24	-54.43	PASS
Band5	5MHz	16QAM	20425	25RB#0	-23.63	PASS

Band5	5MHz	16QAM	20625	1RB#0	-54.27	PASS
Band5	5MHz	16QAM	20625	1RB#24	-21.77	PASS
Band5	5MHz	16QAM	20625	25RB#0	-27.41	PASS
Band5	10MHz	QPSK	20450	1RB#0	-30.18	PASS
Band5	10MHz	QPSK	20450	1RB#49	-50.86	PASS
Band5	10MHz	QPSK	20450	50RB#0	-24.46	PASS
Band5	10MHz	QPSK	20600	1RB#0	-51.88	PASS
Band5	10MHz	QPSK	20600	1RB#49	-29.93	PASS
Band5	10MHz	QPSK	20600	50RB#0	-28.56	PASS
Band5	10MHz	16QAM	20450	1RB#0	-31.38	PASS
Band5	10MHz	16QAM	20450	1RB#49	-52.11	PASS
Band5	10MHz	16QAM	20450	50RB#0	-25.68	PASS
Band5	10MHz	16QAM	20600	1RB#0	-52.77	PASS
Band5	10MHz	16QAM	20600	1RB#49	-30.72	PASS
Band5	10MHz	16QAM	20600	50RB#0	-29.56	PASS

# Test Graphs

## Band5-1.4MHz-QPSK-20407-1RB#0



Date: 21.JUL.2021 13:50:56

## Band5-1.4MHz-QPSK-20407-1RB#5



Date: 21.JUL.2021 13:51:17

## Band5-1.4MHz-QPSK-20407-6RB#0



Date: 21.JUL.2021 13:51:38



Band5-1.4MHz-QPSK-20643-1RB#0



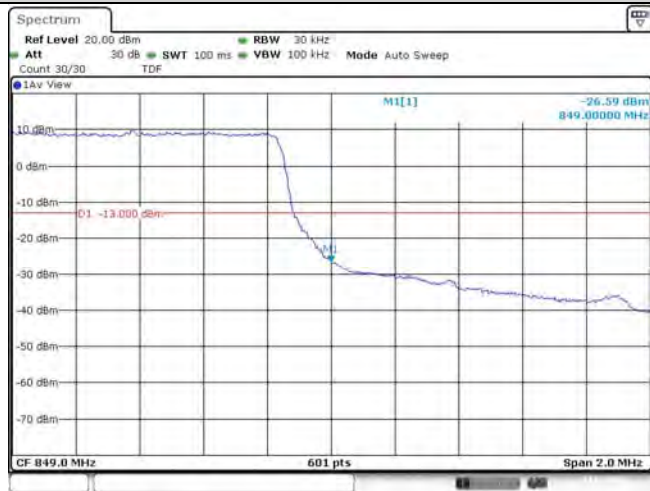
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Band5-1.4MHz-QPSK-20643-1RB#5



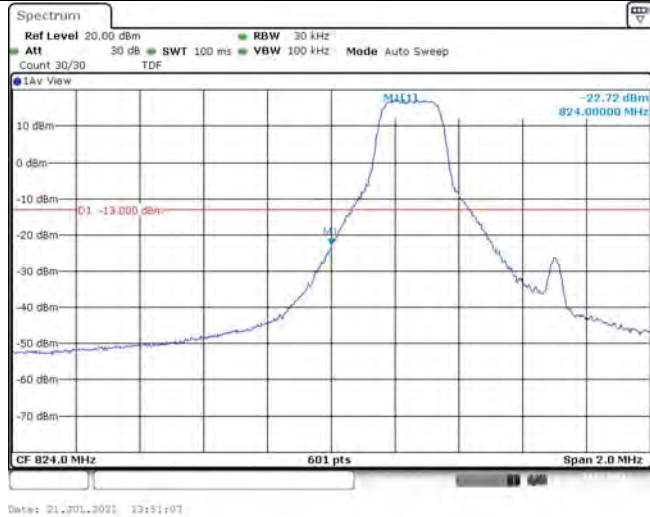
Date: 21.JUL.2021 13:53:04

Band5-1.4MHz-QPSK-20643-6RB#0



Date: 21.JUL.2021 13:53:15

Band5-1.4MHz-16QAM-20407-1RB#0



Band5-1.4MHz-16QAM-20407-1RB#5



Band5-1.4MHz-16QAM-20407-6RB#0



Band5-1.4MHz-16QAM-20643-1RB#0



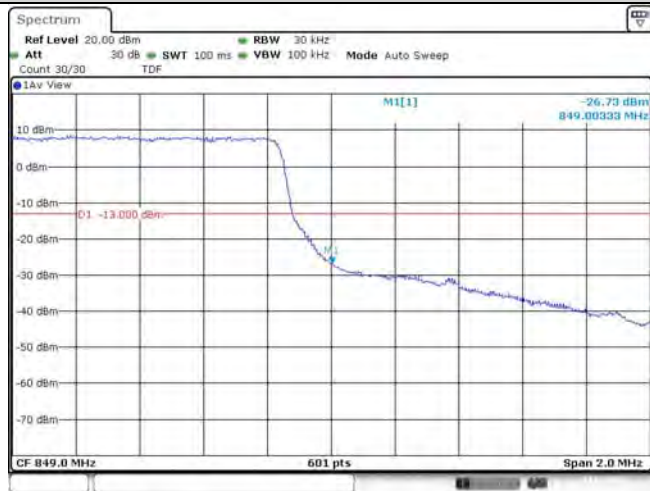
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Band5-1.4MHz-16QAM-20643-1RB#5



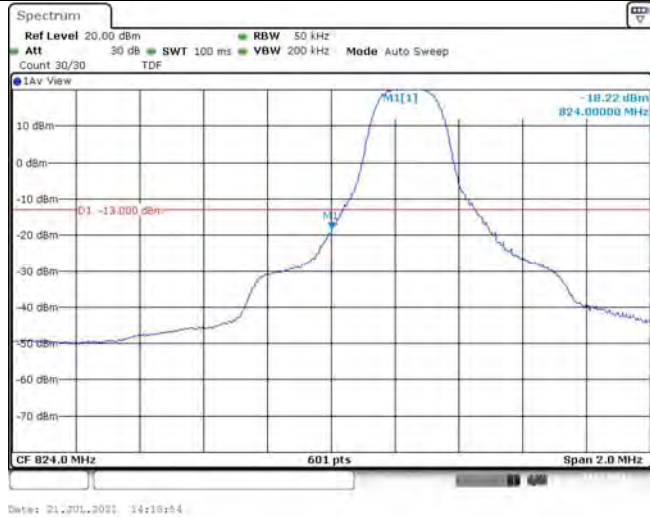
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Band5-1.4MHz-16QAM-20643-6RB#0

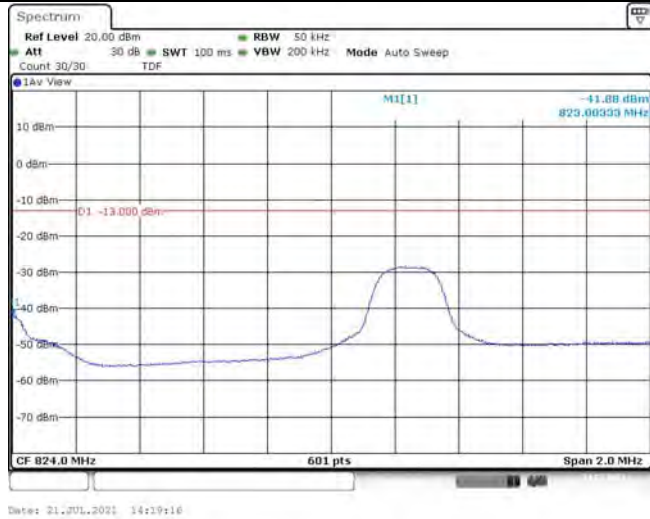


Date: 21.JUL.2021 13:53:56

Band5-3MHz-QPSK-20415-1RB#0



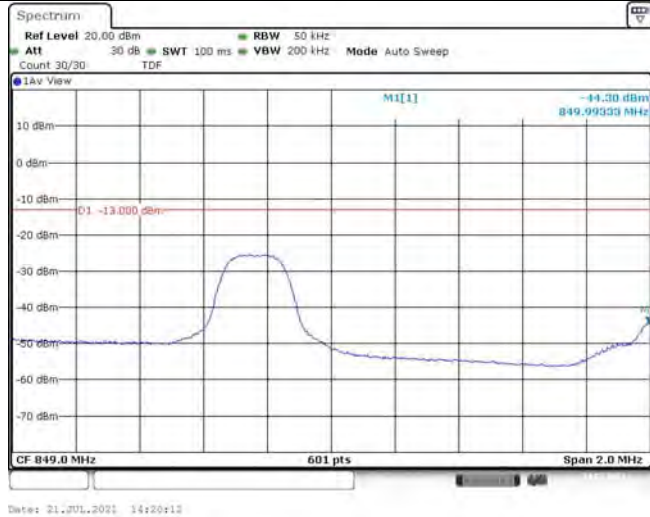
Band5-3MHz-QPSK-20415-1RB#14



Band5-3MHz-QPSK-20415-15RB#0



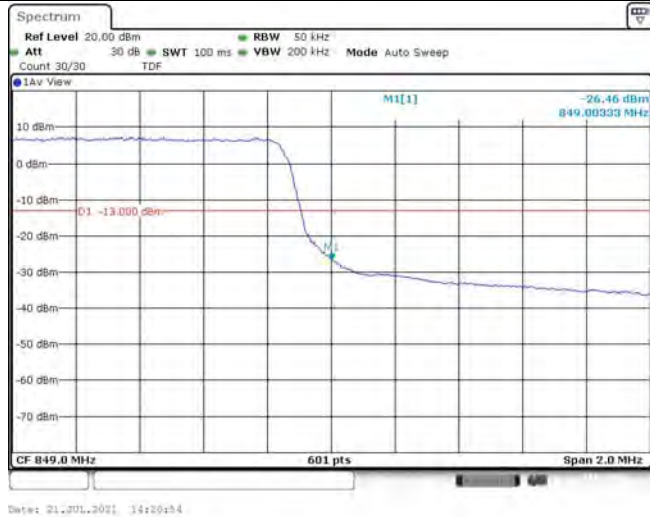
Band5-3MHz-QPSK-20635-1RB#0



Band5-3MHz-QPSK-20635-1RB#14



Band5-3MHz-QPSK-20635-15RB#0

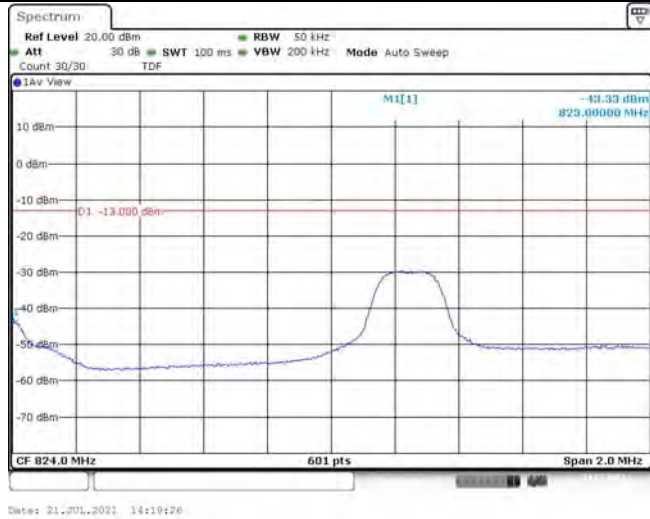


Band5-3MHz-16QAM-20415-1RB#0





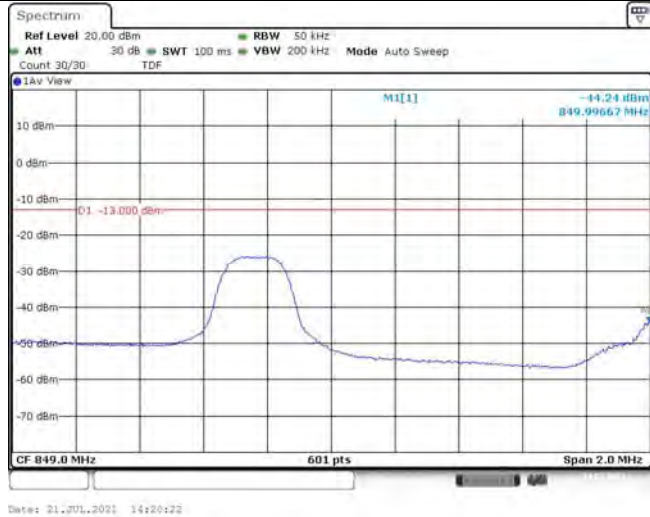
Band5-3MHz-16QAM-20415-1RB#14



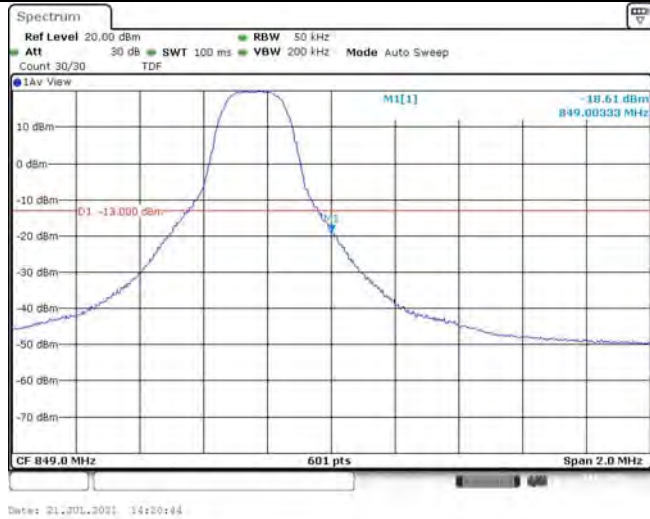
Band5-3MHz-16QAM-20415-15RB#0



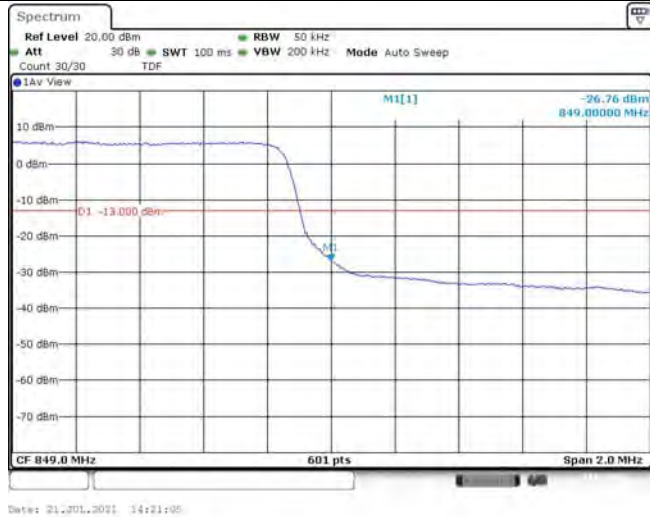
Band5-3MHz-16QAM-20635-1RB#0



Band5-3MHz-16QAM-20635-1RB#14



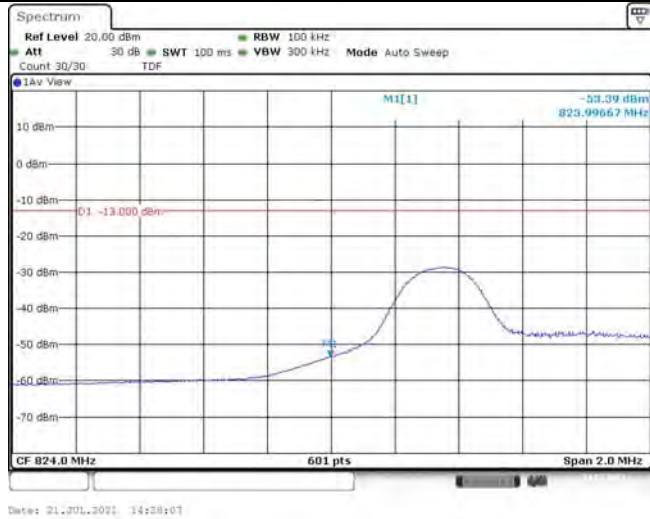
Band5-3MHz-16QAM-20635-15RB#0



Band5-5MHz-QPSK-20425-1RB#0



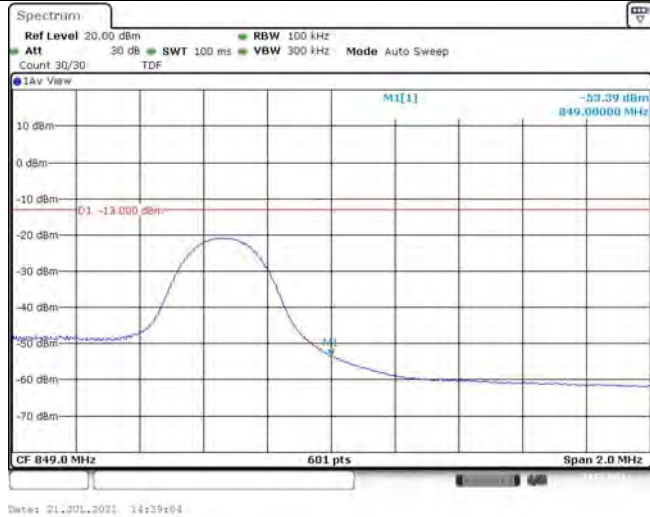
Band5-5MHz-QPSK-20425-1RB#24



Band5-5MHz-QPSK-20425-25RB#0



Band5-5MHz-QPSK-20625-1RB#0



Band5-5MHz-QPSK-20625-1RB#24



Band5-5MHz-QPSK-20625-25RB#0



Band5-5MHz-16QAM-20425-1RB#0



Date: 21.JUL.2021 14:37:56

Band5-5MHz-16QAM-20425-1RB#24



Date: 21.JUL.2021 14:38:18

Band5-5MHz-16QAM-20425-25RB#0



Date: 21.JUL.2021 14:38:39

Band5-5MHz-16QAM-20625-1RB#0





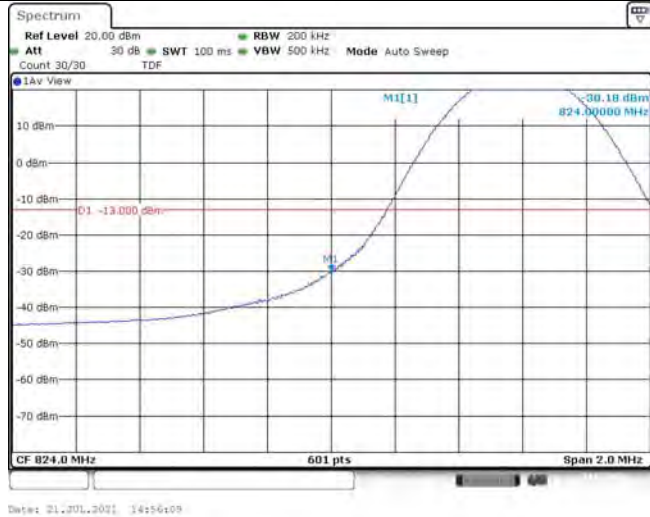
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Band5-5MHz-16QAM-20625-25RB#0



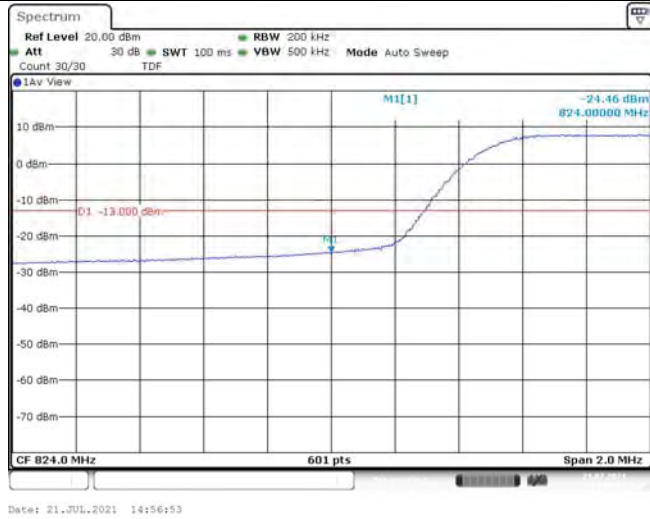
Band5-10MHz-QPSK-20450-1RB#0



Band5-10MHz-QPSK-20450-1RB#49



Band5-10MHz-QPSK-20450-50RB#0



Band5-10MHz-QPSK-20600-1RB#0



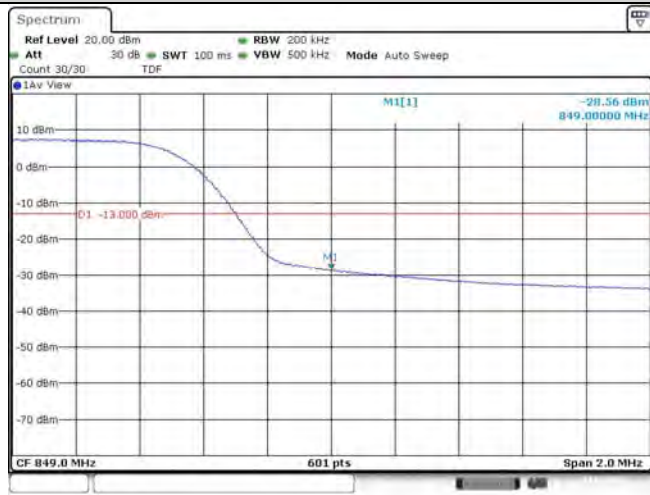
Date: 21.JUL.2021 14:57:28

Band5-10MHz-QPSK-20600-1RB#49



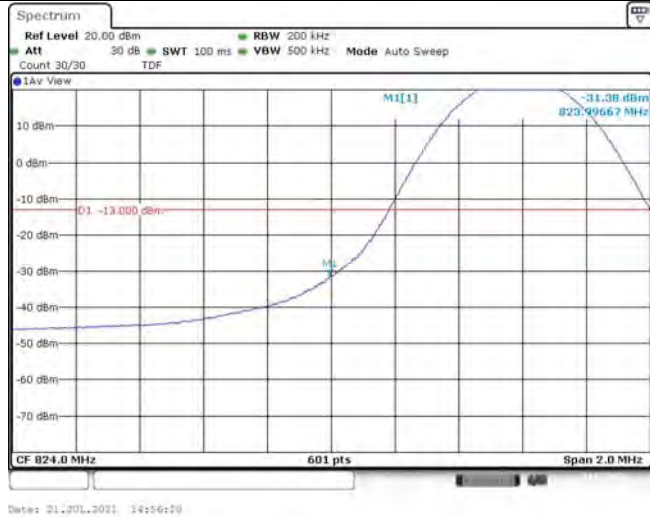
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Band5-10MHz-QPSK-20600-50RB#0



Date: 21.JUL.2021 14:58:13

Band5-10MHz-16QAM-20450-1RB#0



Band5-10MHz-16QAM-20450-1RB#49



Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20600-1RB#0



Band5-10MHz-16QAM-20600-1RB#49



Band5-10MHz-16QAM-20600-50RB#0





## 1.5. Appendix E: Conducted Spurious Emission

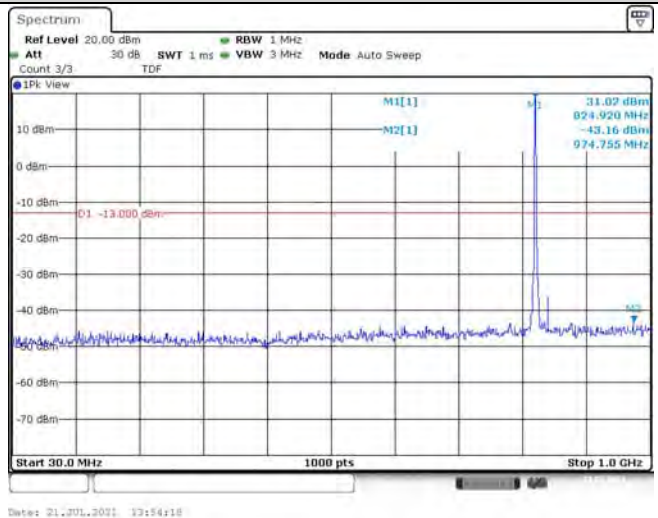
### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	Range1:30~1000MHz	-43.16	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:1000~10000MHz	-27.69	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-43.38	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-17.97	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:30~1000MHz	-43.66	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:1000~10000MHz	-14.2	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:30~1000MHz	-43.66	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:1000~10000MHz	-27.52	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-43.31	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-20.18	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:30~1000MHz	-43.79	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:1000~10000MHz	-16.56	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range1:30~1000MHz	-43.75	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range2:1000~10000MHz	-28.06	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-42.74	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-27.63	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range1:30~1000MHz	-43.14	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range2:1000~10000MHz	-27.04	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range1:30~1000MHz	-43.52	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range2:1000~10000MHz	-27.18	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-43.83	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-27.36	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range1:30~1000MHz	-43.64	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range2:1000~10000MHz	-15.59	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range1:30~1000MHz	-43.33	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range2:1000~10000MHz	-27.91	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-43.8	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-26.91	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range1:30~1000MHz	-42.77	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range2:1000~10000MHz	-27.47	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range1:30~1000MHz	-42.89	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range2:1000~10000MHz	-28.1	PASS

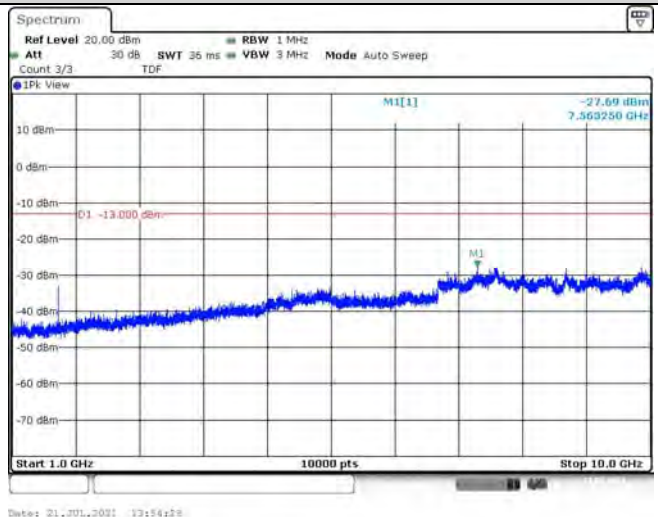
Band5	5MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-43.28	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-28.07	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range1:30~1000MHz	-43.62	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range2:1000~10000MHz	-27.67	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range1:30~1000MHz	-44.19	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:1000~10000MHz	-19.18	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-43.37	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-27.39	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:30~1000MHz	-43.11	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:1000~10000MHz	-27.56	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:30~1000MHz	-43.48	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:1000~10000MHz	-26.96	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-42.23	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-26.74	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:30~1000MHz	-43.11	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:1000~10000MHz	-27.33	PASS

# Test Graphs

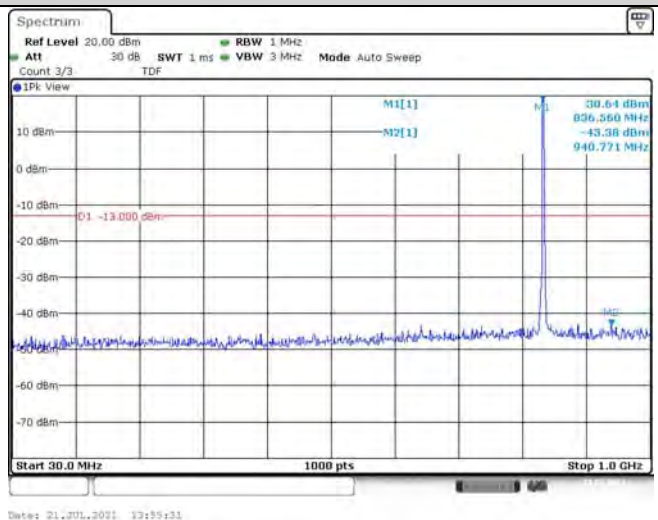
Band5-1.4MHz-QPSK-20407-1RB#0-Range1:30~1000MHz



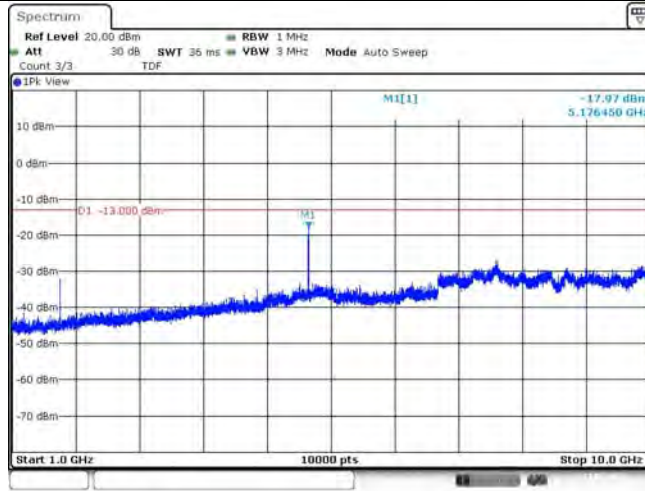
Band5-1.4MHz-QPSK-20407-1RB#0-Range2:1000~10000MHz



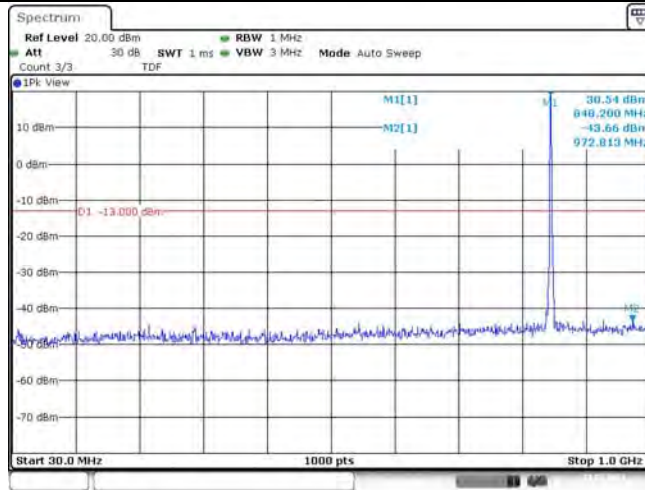
Band5-1.4MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



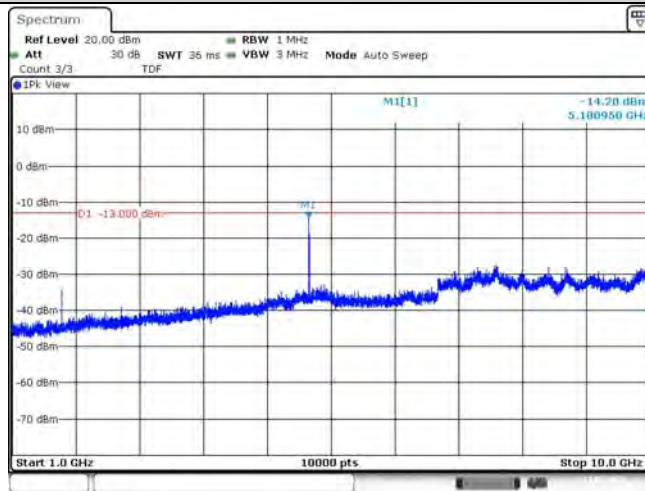
Band5-1.4MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



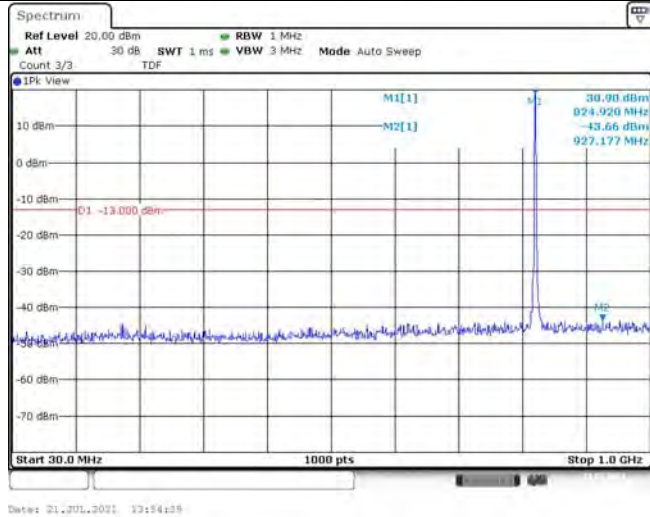
Band5-1.4MHz-QPSK-20643-1RB#0-Range1:30~1000MHz



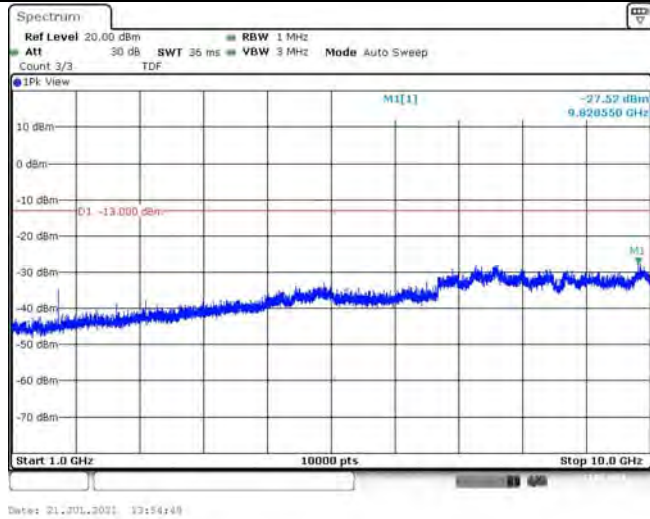
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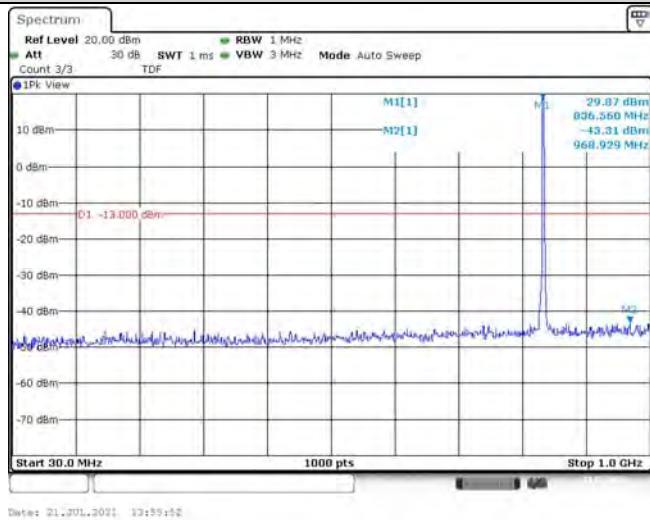
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Band5-1.4MHz-16QAM-20407-1RB#0-Range2:1000~10000MHz

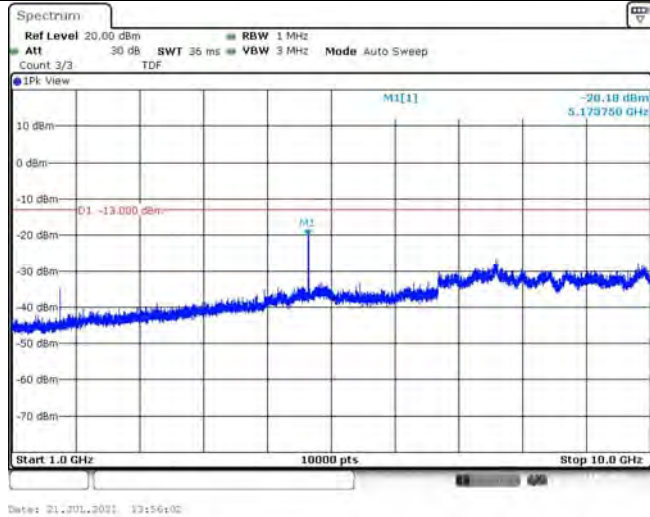


Band5-1.4MHz-16QAM-20525-1RB#0-Range1:30~1000MHz

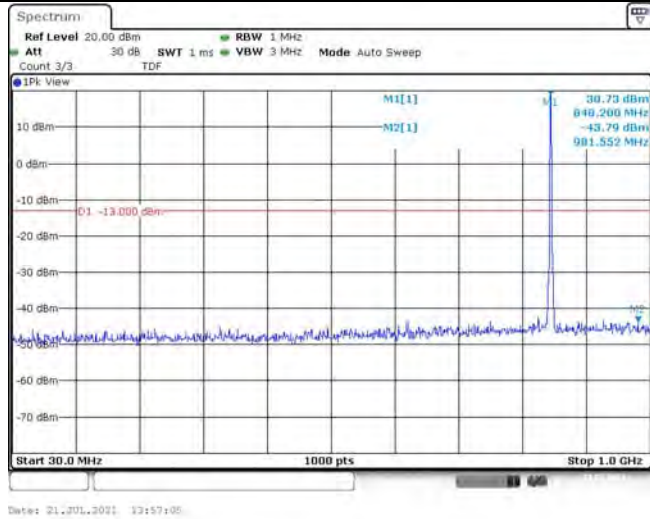


Band5-1.4MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz

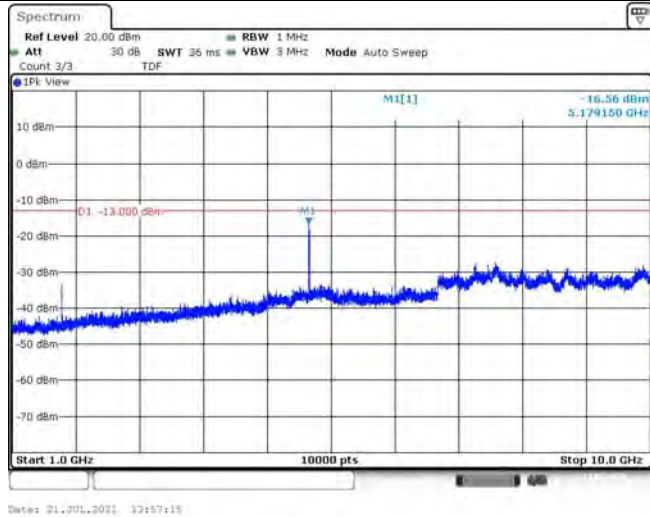




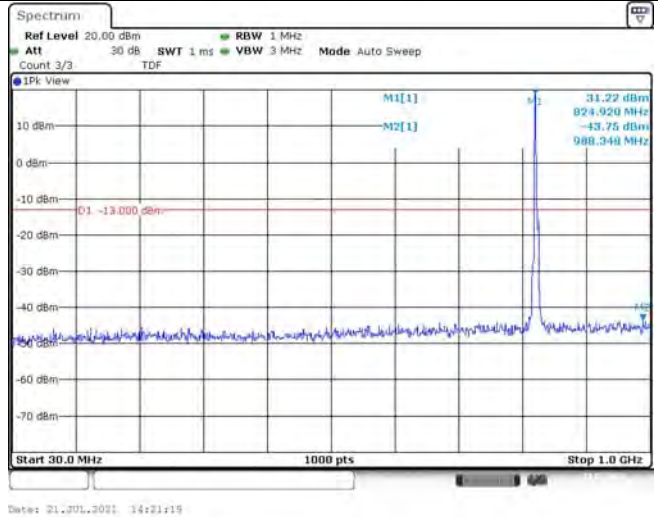
Band5-1.4MHz-16QAM-20643-1RB#0-Range1:30~1000MHz



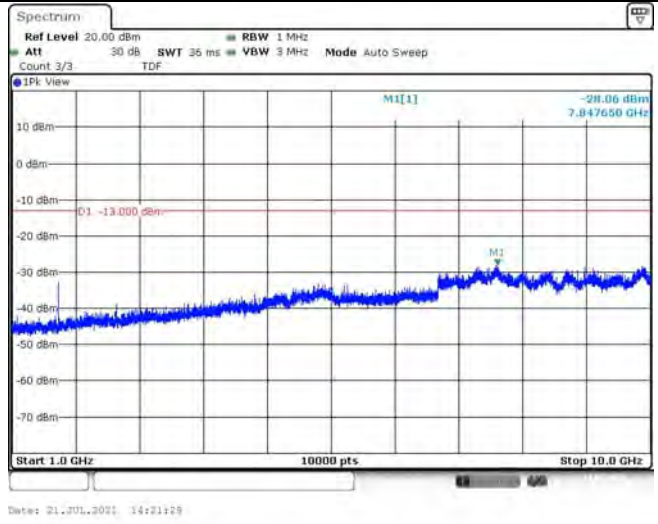
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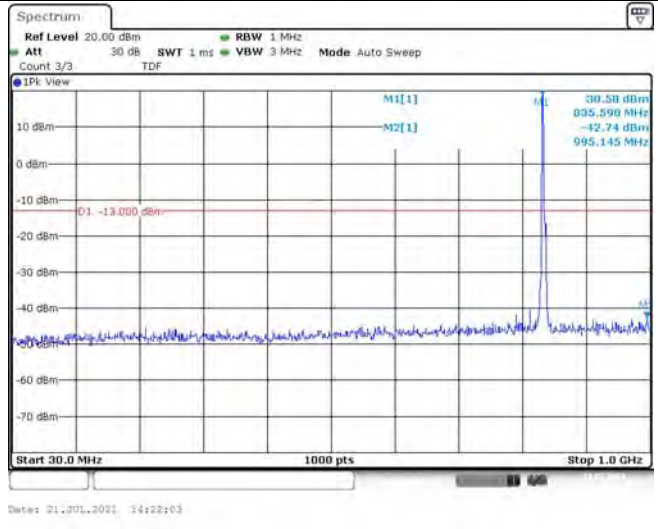
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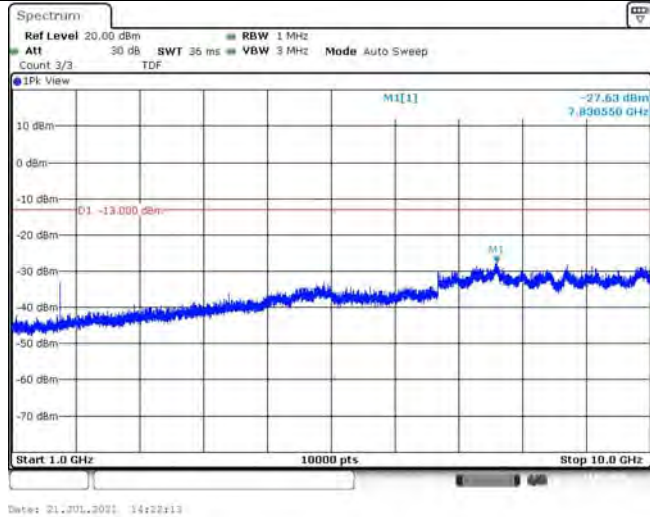
Band5-3MHz-QPSK-20415-1RB#0-Range2:1000~10000MHz



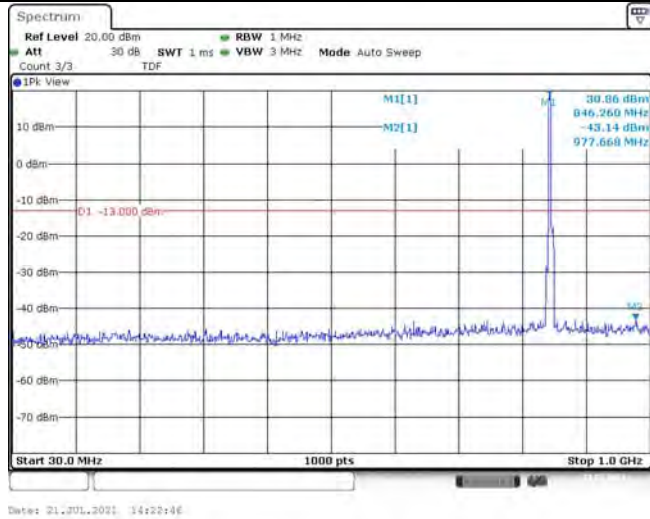
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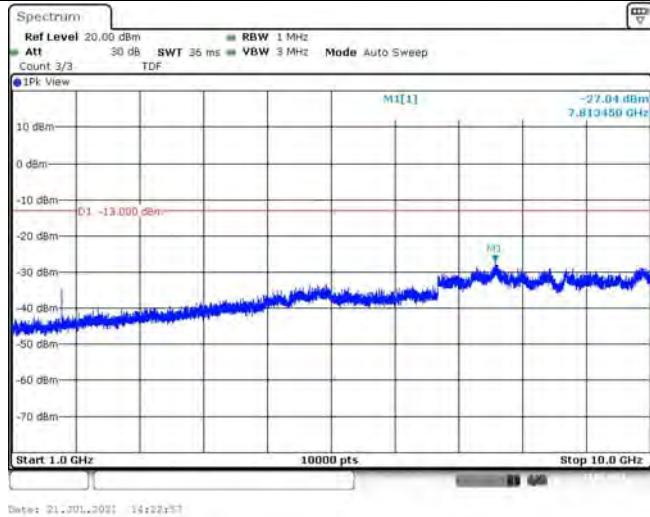
Band5-3MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



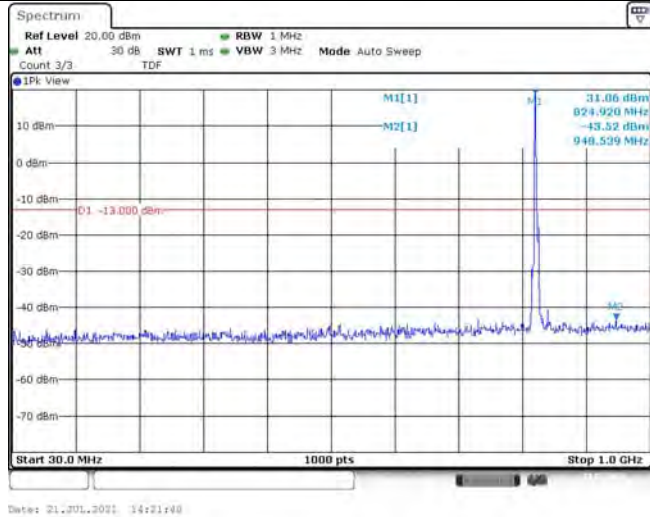
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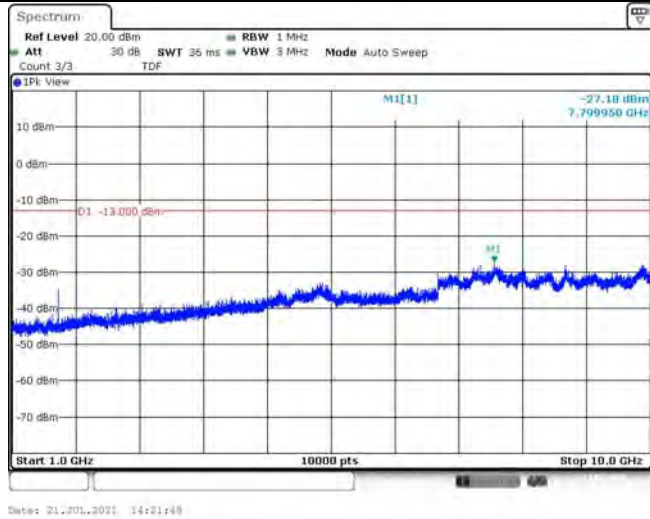
Band5-3MHz-QPSK-20635-1RB#0-Range2:1000~10000MHz



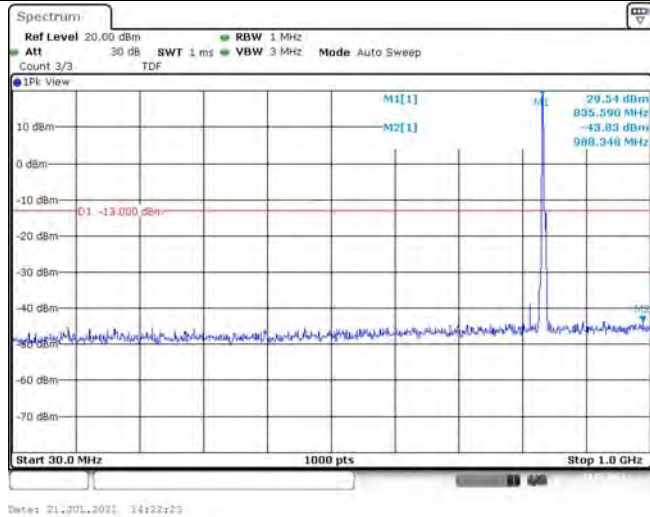
Band5-3MHz-16QAM-20415-1RB#0-Range1:30~1000MHz



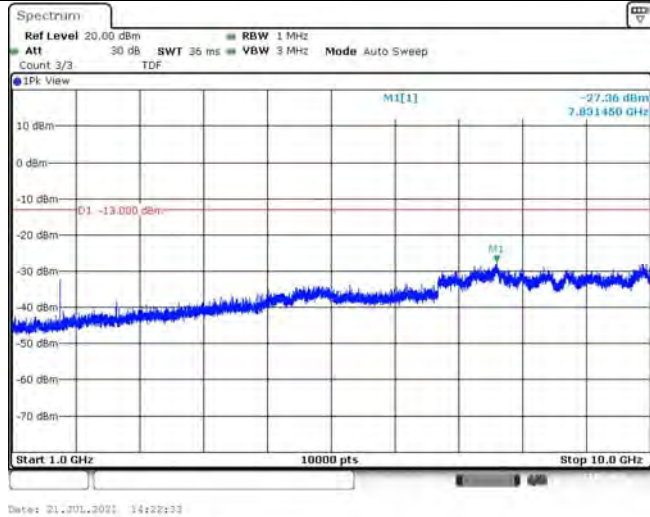
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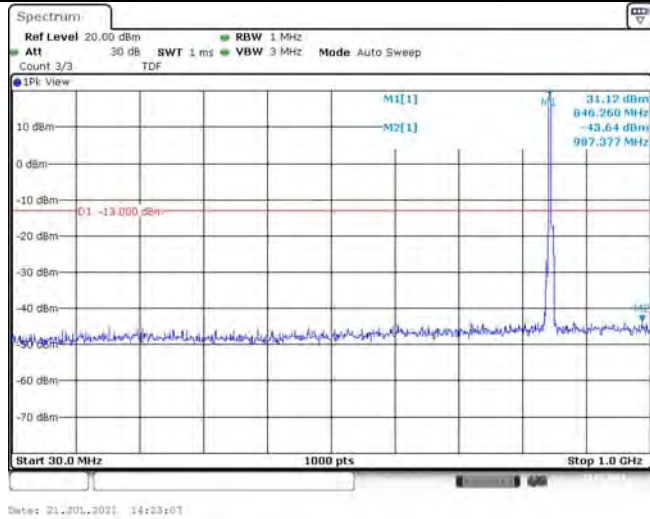
Band5-3MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



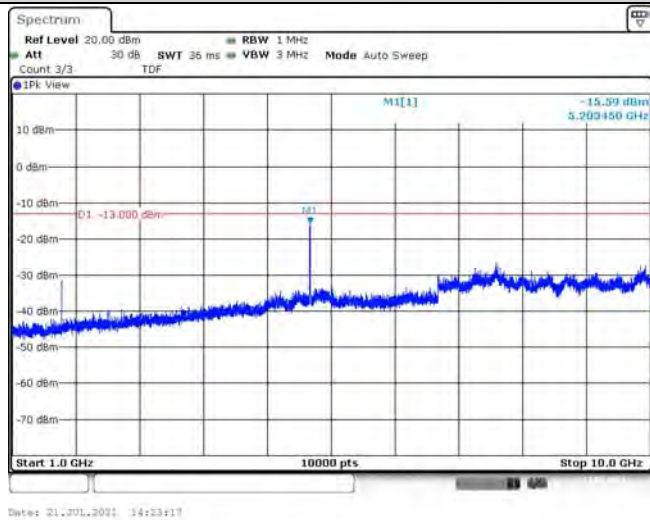
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Band5-3MHz-16QAM-20635-1RB#0-Range1:30~1000MHz

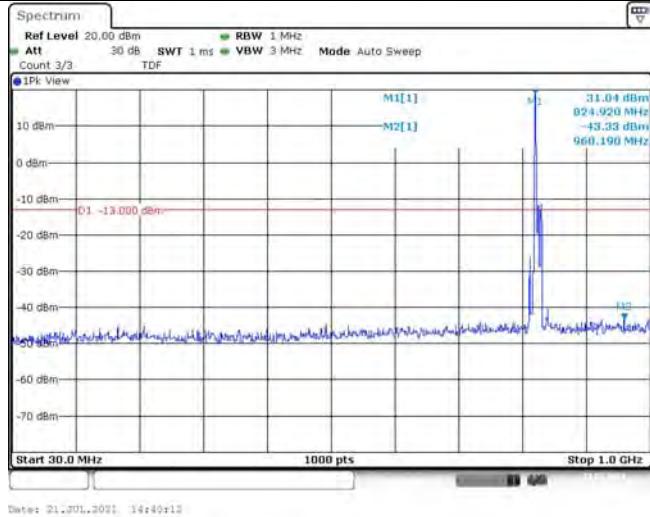


Band5-3MHz-16QAM-20635-1RB#0-Range2:1000~10000MHz

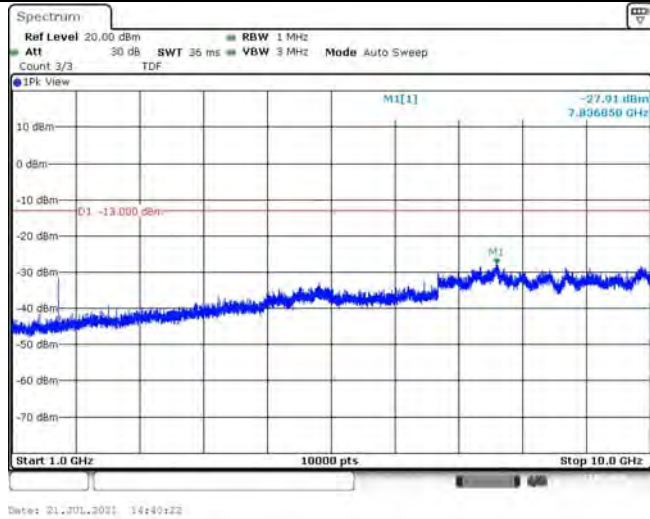


Band5-5MHz-QPSK-20425-1RB#0-Range1:30~1000MHz

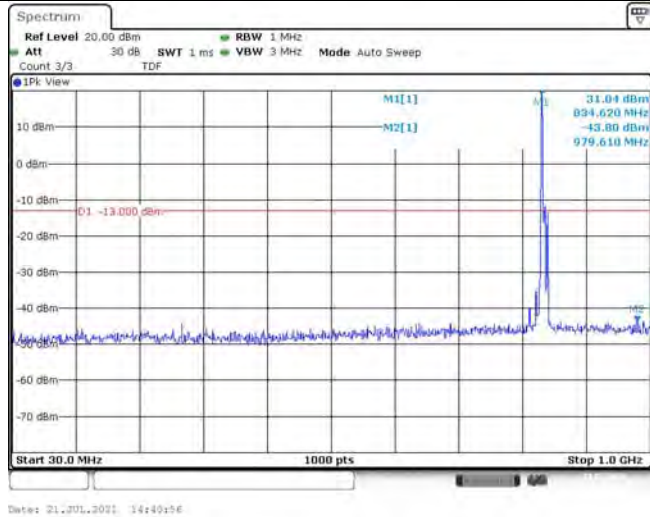




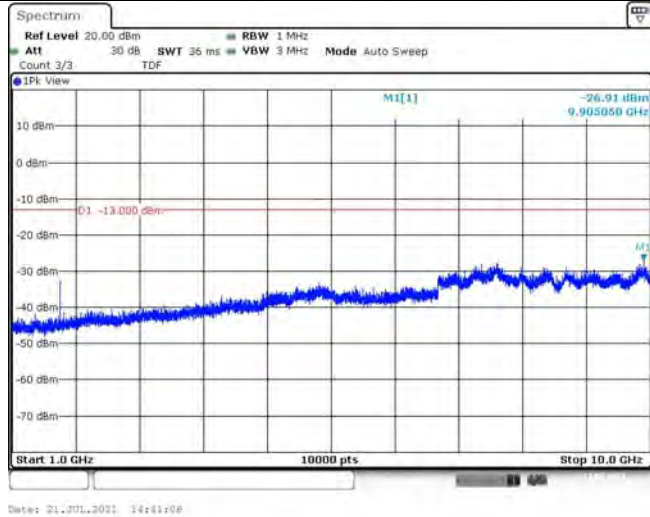
Band5-5MHz-QPSK-20425-1RB#0-Range2:1000~10000MHz



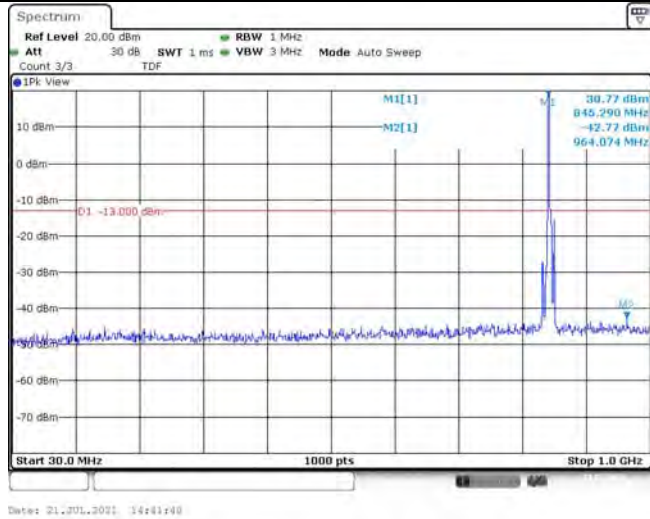
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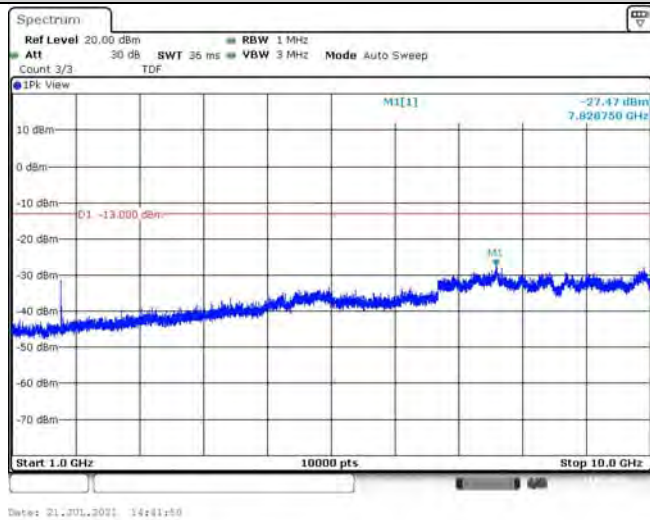
Band5-5MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



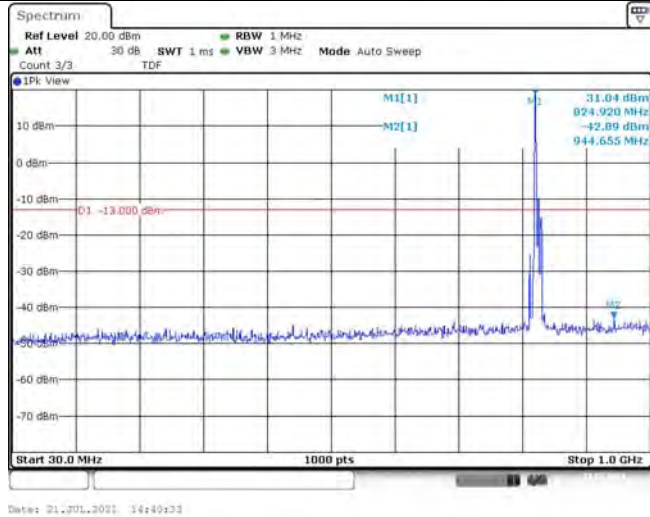
Band5-5MHz-QPSK-20625-1RB#0-Range1:30~1000MHz



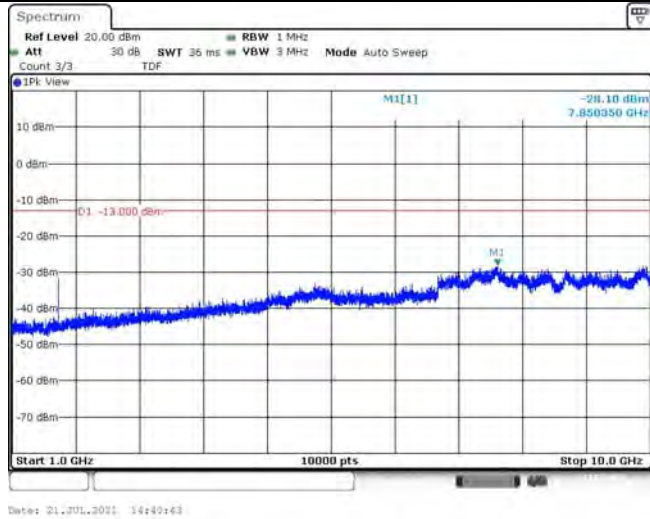
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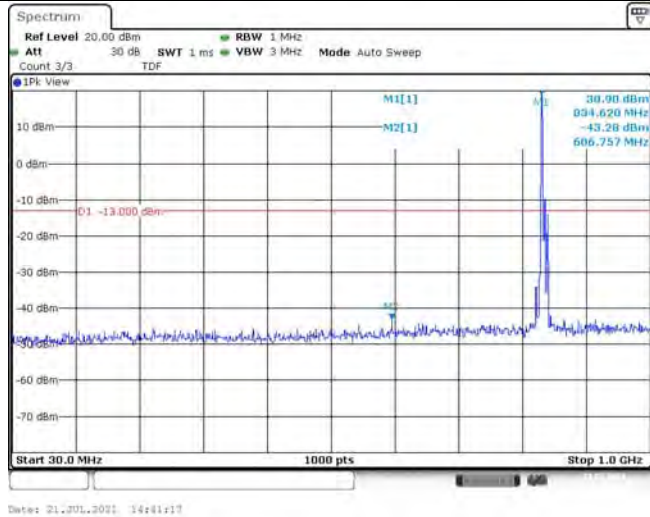
Band5-5MHz-16QAM-20425-1RB#0-Range1:30~1000MHz



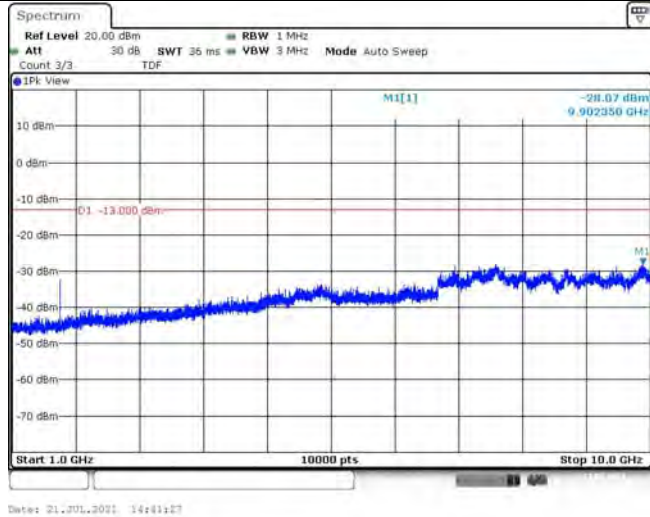
Band5-5MHz-16QAM-20425-1RB#0-Range2:1000~10000MHz



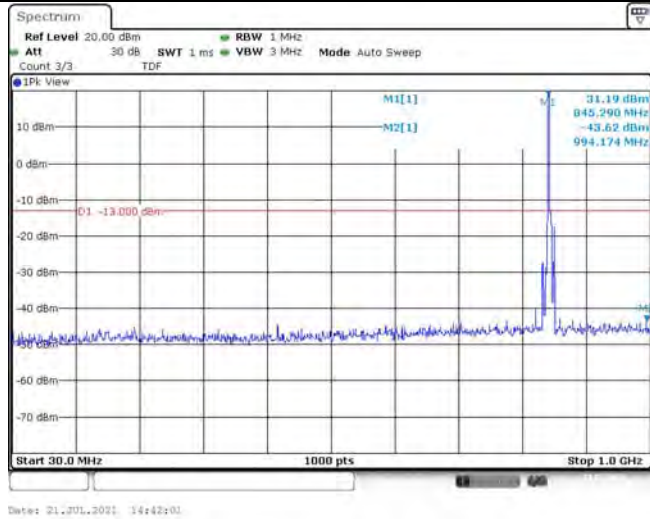
Band5-5MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



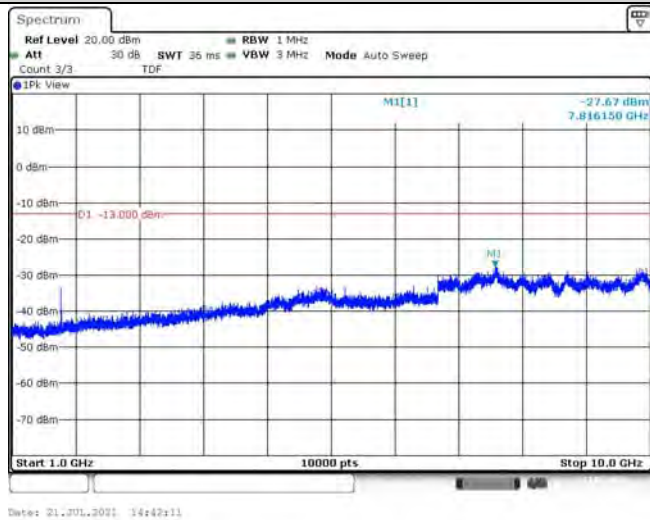
Band5-5MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



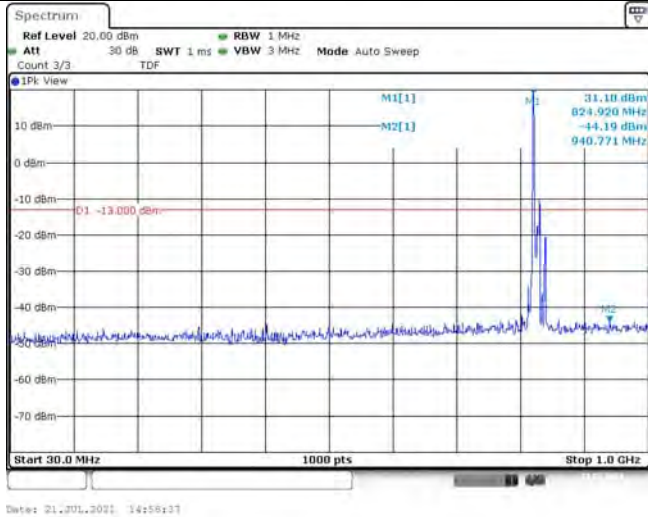
Band5-5MHz-16QAM-20625-1RB#0-Range1:30~1000MHz



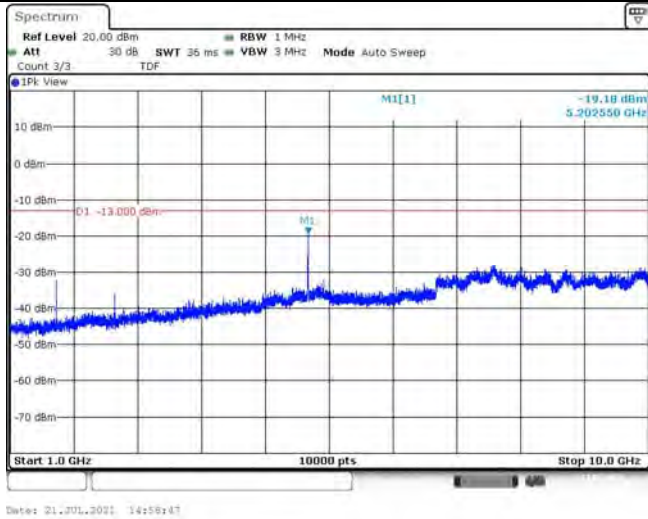
Band5-5MHz-16QAM-20625-1RB#0-Range2:1000~10000MHz



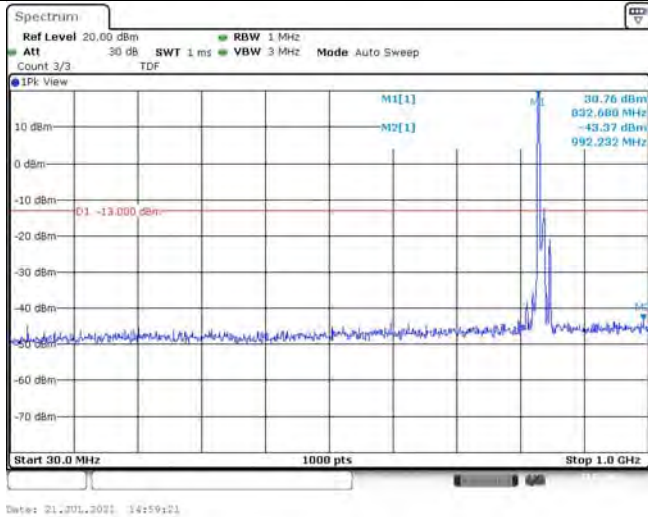
Band5-10MHz-QPSK-20450-1RB#0-Range1:30~1000MHz



Band5-10MHz-QPSK-20450-1RB#0-Range2:1000~10000MHz

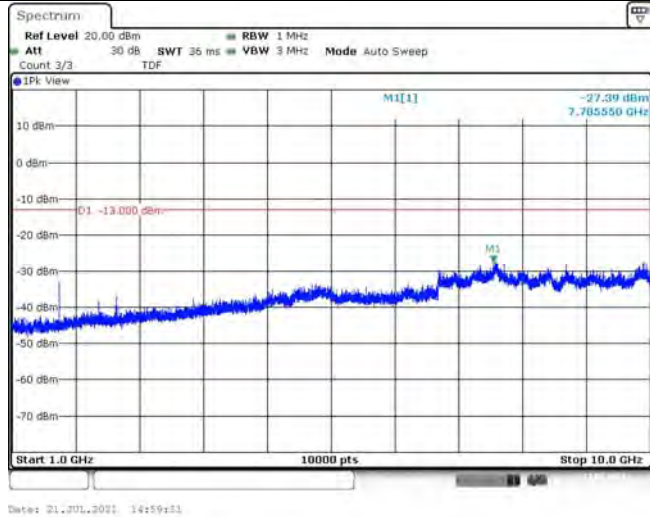


Band5-10MHz-QPSK-20525-1RB#0-Range1:30~1000MHz

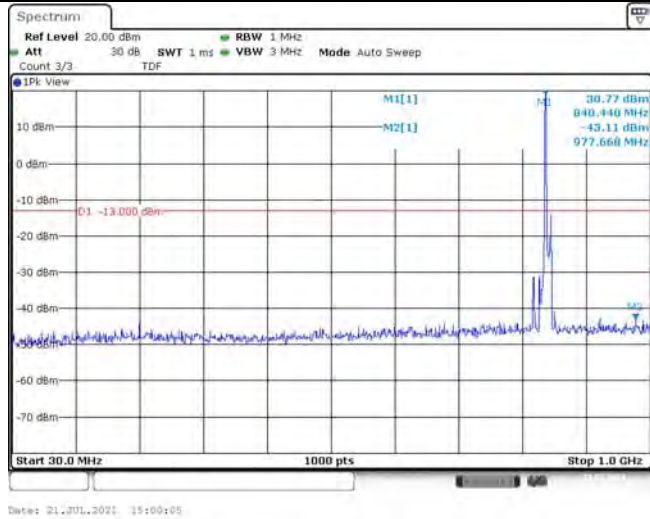


Band5-10MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz

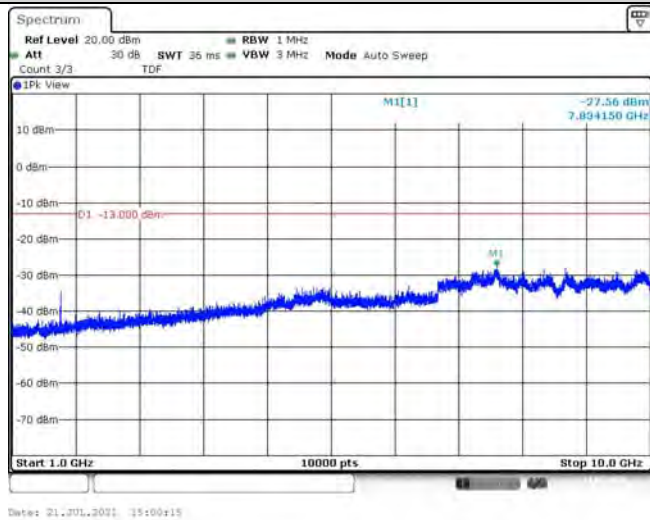




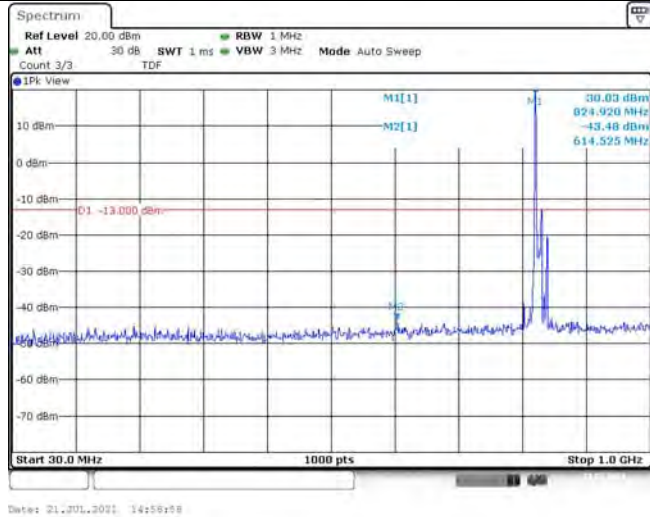
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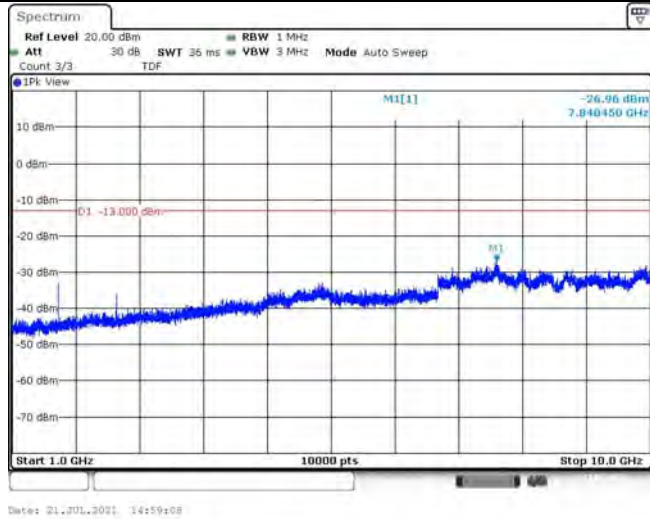
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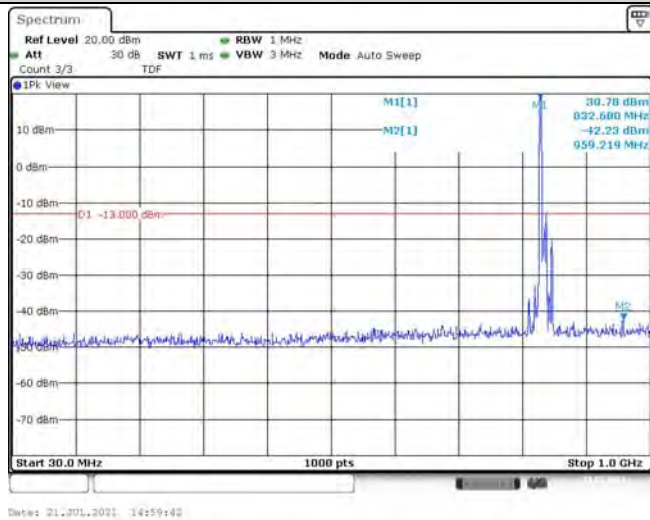
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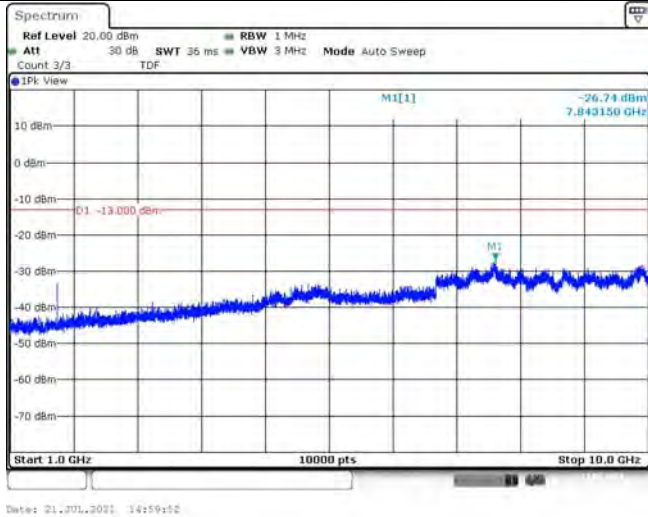
Band5-10MHz-16QAM-20450-1RB#0-Range2:1000~10000MHz



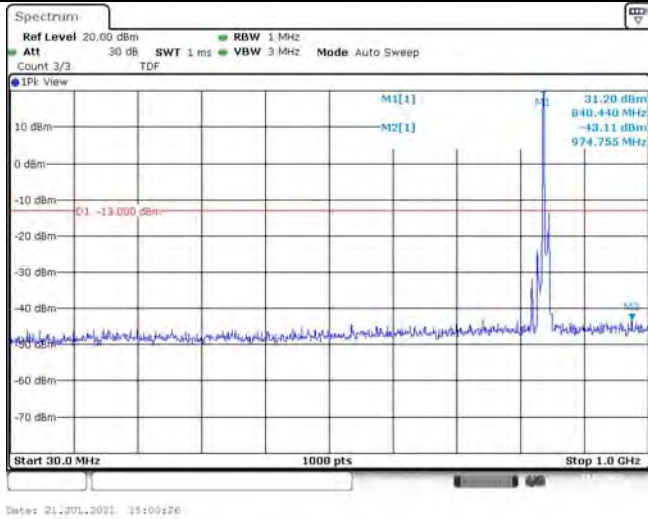
Band5-10MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



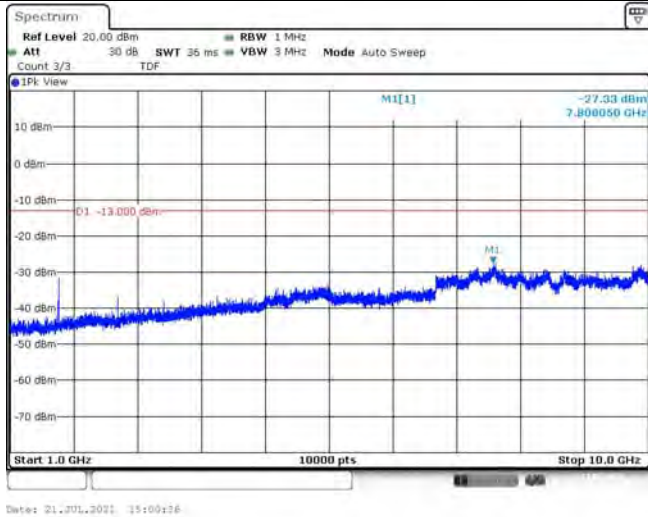
Band5-10MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



Band5-10MHz-16QAM-20600-1RB#0-Range1:30~1000MHz



Band5-10MHz-16QAM-20600-1RB#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
Band5	1.4MHz	QPSK	20407	6RB#0	VL	NT	-2.52	-0.003056	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VN	NT	-2.36	-0.002862	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VH	NT	-2.27	-0.002753	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VL	NT	-3.88	-0.004638	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VN	NT	2.35	0.002809	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VH	NT	-2.36	-0.002821	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VL	NT	-2.19	-0.002582	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VN	NT	-3.12	-0.003678	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VH	NT	-1.57	-0.001851	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VL	NT	-3.99	-0.004838	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VN	NT	-3.39	-0.004111	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VH	NT	-5.32	-0.006451	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VL	NT	-2.72	-0.003252	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VN	NT	-3.32	-0.003969	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VH	NT	-1.89	-0.002259	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VL	NT	-4.12	-0.004857	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VN	NT	1.40	0.001650	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VH	NT	-2.78	-0.003277	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VL	NT	1.73	0.002096	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VN	NT	-1.87	-0.002265	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VH	NT	3.06	0.003707	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VL	NT	-2.45	-0.002929	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VN	NT	-4.08	-0.004877	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VH	NT	-1.65	-0.001973	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VL	NT	-3.48	-0.004106	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VN	NT	-2.96	-0.003493	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VH	NT	-3.63	-0.004283	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VL	NT	-2.60	-0.003150	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VN	NT	-2.73	-0.003307	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VH	NT	-1.62	-0.001962	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VL	NT	-1.65	-0.001973	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VN	NT	-3.78	-0.004519	±2.5	PASS

Band5	3MHz	16QAM	20525	15RB#0	VH	NT	3.15	0.003766	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VL	NT	-3.81	-0.004496	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VN	NT	-3.15	-0.003717	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VH	NT	-2.88	-0.003398	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VL	NT	-3.28	-0.003969	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VN	NT	-2.59	-0.003134	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VH	NT	-4.13	-0.004997	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VL	NT	2.22	0.002654	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VN	NT	-3.95	-0.004722	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VH	NT	-2.98	-0.003562	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VL	NT	-2.86	-0.003379	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VN	NT	-2.13	-0.002516	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VH	NT	1.80	0.002126	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VL	NT	-2.60	-0.003146	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VN	NT	-3.71	-0.004489	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VH	NT	-4.36	-0.005275	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VL	NT	-1.95	-0.002331	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VN	NT	-2.43	-0.002905	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VH	NT	-2.70	-0.003228	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VL	NT	1.17	0.001382	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VN	NT	3.08	0.003639	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VH	NT	2.19	0.002587	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VL	NT	-2.68	-0.003233	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	-2.60	-0.003136	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	-1.92	-0.002316	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-4.21	-0.005033	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	-1.90	-0.002271	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	2.66	0.003180	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	-2.86	-0.003389	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	2.27	0.002690	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	-2.80	-0.003318	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	-1.24	-0.001496	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	2.43	0.002931	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	-1.62	-0.001954	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	-2.50	-0.002989	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	-3.09	-0.003694	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	2.25	0.002690	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	-3.38	-0.004005	±2.5	PASS



Band5	10MHz	16QAM	20600	50RB#0	VN	NT	-2.85	-0.003377	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VH	NT	-2.45	-0.002903	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	NV	0	-4.11	-0.004984	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	10	-2.93	-0.003553	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	20	-2.96	-0.003589	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	30	-3.60	-0.004365	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	40	-2.70	-0.003274	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	45	-3.33	-0.004038	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	0	-3.53	-0.004220	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	10	-2.06	-0.002463	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	20	-1.90	-0.002271	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	30	-3.10	-0.003706	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	40	-2.22	-0.002654	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	45	-3.06	-0.003658	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	0	-1.39	-0.001639	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	10	1.43	0.001686	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	20	2.88	0.003395	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	30	2.17	0.002558	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	40	-3.43	-0.004043	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	45	-1.53	-0.001804	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	0	-3.99	-0.004838	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	10	-3.48	-0.004220	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	20	-2.53	-0.003068	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	30	-2.55	-0.003092	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	40	-4.19	-0.005081	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	45	-2.53	-0.003068	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	0	-2.26	-0.002702	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	10	-3.96	-0.004734	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	20	-3.18	-0.003802	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	30	-2.23	-0.002666	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	40	-2.46	-0.002941	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	45	-2.68	-0.003204	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	0	-2.69	-0.003171	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	10	-2.52	-0.002971	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	20	-3.68	-0.004338	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	30	1.99	0.002346	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	40	-2.27	-0.002676	±2.5	PASS

Band5	1.4MHz	16QAM	20643	6RB#0	NV	45	-1.66	-0.001957	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	0	-2.75	-0.003331	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	10	-2.30	-0.002786	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	20	-2.13	-0.002580	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	30	2.37	0.002871	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	40	-1.75	-0.002120	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	45	-3.39	-0.004107	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	0	-2.27	-0.002714	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	10	-1.37	-0.001638	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	20	-3.42	-0.004088	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	30	-1.79	-0.002140	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	40	1.17	0.001399	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	45	-2.26	-0.002702	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	0	-3.56	-0.004201	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	10	-3.79	-0.004472	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	20	-2.93	-0.003457	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	30	-3.60	-0.004248	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	40	-2.86	-0.003375	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	45	-2.83	-0.003339	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	0	-2.53	-0.003065	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	10	-2.52	-0.003053	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	20	-1.10	-0.001333	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	30	-2.45	-0.002968	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	40	-1.50	-0.001817	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	45	-2.57	-0.003113	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	0	-2.75	-0.003288	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	10	-1.60	-0.001913	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	20	3.83	0.004579	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	30	-2.15	-0.002570	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	40	-2.96	-0.003539	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	45	-1.93	-0.002307	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	0	-4.66	-0.005499	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	10	-2.88	-0.003398	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	20	-2.12	-0.002501	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	30	-3.33	-0.003929	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	40	-2.88	-0.003398	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	45	-4.82	-0.005687	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	0	-3.76	-0.004549	±2.5	PASS

Band5	5MHz	QPSK	20425	25RB#0	NV	10	-2.16	-0.002613	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	20	-4.91	-0.005941	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	30	-3.13	-0.003787	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	40	-1.99	-0.002408	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	45	-3.55	-0.004295	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	0	-3.18	-0.003802	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	10	-1.87	-0.002236	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	20	-2.80	-0.003347	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	30	-3.52	-0.004208	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	40	1.83	0.002188	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	45	-2.65	-0.003168	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	0	2.17	0.002563	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	10	2.68	0.003166	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	20	-5.46	-0.006450	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	30	-2.96	-0.003497	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	40	-2.80	-0.003308	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	45	2.06	0.002434	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	0	-4.01	-0.004852	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	10	-3.15	-0.003811	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	20	-3.40	-0.004114	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	30	-5.22	-0.006316	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	40	-3.92	-0.004743	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	45	-4.16	-0.005033	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	0	2.65	0.003168	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	10	-3.16	-0.003778	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	20	1.96	0.002343	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	30	1.13	0.001351	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	40	-1.49	-0.001781	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	45	-2.60	-0.003108	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	0	-1.89	-0.002233	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	10	-3.62	-0.004276	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	20	-1.60	-0.001890	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	30	-1.70	-0.002008	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	40	-3.13	-0.003698	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	45	-2.57	-0.003036	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	-3.03	-0.003655	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	-1.96	-0.002364	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	-3.25	-0.003920	±2.5	PASS

Band5	10MHz	QPSK	20450	50RB#0	NV	30	-2.56	-0.003088	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	40	2.80	0.003378	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	45	-1.65	-0.001990	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-2.89	-0.003455	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	-3.69	-0.004411	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	2.06	0.002463	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	2.66	0.003180	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-2.57	-0.003072	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	45	-6.21	-0.007424	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	-3.15	-0.003732	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	3.40	0.004028	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	3.00	0.003555	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	30	-3.59	-0.004254	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	40	-1.80	-0.002133	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	45	-2.10	-0.002488	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	0	-3.49	-0.004210	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	10	-1.89	-0.002280	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	20	-2.33	-0.002811	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	30	1.96	0.002364	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	40	-1.63	-0.001966	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	45	-2.33	-0.002811	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	0	-1.33	-0.001590	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	-3.59	-0.004292	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	-2.42	-0.002893	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	30	-1.93	-0.002307	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	40	3.60	0.004304	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	45	1.40	0.001674	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	0	-1.67	-0.001979	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	10	-3.65	-0.004325	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	20	-3.18	-0.003768	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	30	-2.19	-0.002595	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	40	-2.98	-0.003531	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	45	-3.33	-0.003945	±2.5	PASS

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