

# LTE Band26 ( 814~824MHz)

## Test Data

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Appendix A: Conducted Power Output Data

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## Appendix A: Conducted Power Output Data

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power (dBm)	Verdict
Band26	1.4MHz	QPSK	26697	1RB#0	23.70	PASS
Band26	1.4MHz	QPSK	26697	1RB#2	24.00	PASS
Band26	1.4MHz	QPSK	26697	1RB#5	23.80	PASS
Band26	1.4MHz	QPSK	26697	3RB#0	23.81	PASS
Band26	1.4MHz	QPSK	26697	3RB#1	23.78	PASS
Band26	1.4MHz	QPSK	26697	3RB#3	23.68	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	23.00	PASS
Band26	1.4MHz	QPSK	26740	1RB#0	23.30	PASS
Band26	1.4MHz	QPSK	26740	1RB#2	23.22	PASS
Band26	1.4MHz	QPSK	26740	1RB#5	23.04	PASS
Band26	1.4MHz	QPSK	26740	3RB#0	23.01	PASS
Band26	1.4MHz	QPSK	26740	3RB#1	22.98	PASS
Band26	1.4MHz	QPSK	26740	3RB#3	22.92	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	22.91	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	23.85	PASS
Band26	1.4MHz	QPSK	26783	1RB#2	24.04	PASS
Band26	1.4MHz	QPSK	26783	1RB#5	23.79	PASS
Band26	1.4MHz	QPSK	26783	3RB#0	23.88	PASS
Band26	1.4MHz	QPSK	26783	3RB#1	23.87	PASS
Band26	1.4MHz	QPSK	26783	3RB#3	23.72	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	22.97	PASS
Band26	1.4MHz	16QAM	26697	1RB#0	22.67	PASS
Band26	1.4MHz	16QAM	26697	1RB#2	23.20	PASS
Band26	1.4MHz	16QAM	26697	1RB#5	22.96	PASS
Band26	1.4MHz	16QAM	26697	3RB#0	22.78	PASS
Band26	1.4MHz	16QAM	26697	3RB#1	22.73	PASS
Band26	1.4MHz	16QAM	26697	3RB#3	22.63	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	21.88	PASS
Band26	1.4MHz	16QAM	26740	1RB#0	22.14	PASS
Band26	1.4MHz	16QAM	26740	1RB#2	22.20	PASS
Band26	1.4MHz	16QAM	26740	1RB#5	22.00	PASS
Band26	1.4MHz	16QAM	26740	3RB#0	21.94	PASS

Band26	1.4MHz	16QAM	26740	3RB#1	21.91	PASS
Band26	1.4MHz	16QAM	26740	3RB#3	21.82	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	22.01	PASS
Band26	1.4MHz	16QAM	26783	1RB#0	23.04	PASS
Band26	1.4MHz	16QAM	26783	1RB#2	23.26	PASS
Band26	1.4MHz	16QAM	26783	1RB#5	22.92	PASS
Band26	1.4MHz	16QAM	26783	3RB#0	22.73	PASS
Band26	1.4MHz	16QAM	26783	3RB#1	22.71	PASS
Band26	1.4MHz	16QAM	26783	3RB#3	22.68	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	21.89	PASS
Band26	3MHz	QPSK	26705	1RB#0	23.25	PASS
Band26	3MHz	QPSK	26705	1RB#8	23.13	PASS
Band26	3MHz	QPSK	26705	1RB#14	22.76	PASS
Band26	3MHz	QPSK	26705	8RB#0	23.17	PASS
Band26	3MHz	QPSK	26705	8RB#4	23.00	PASS
Band26	3MHz	QPSK	26705	8RB#7	22.97	PASS
Band26	3MHz	QPSK	26705	15RB#0	23.05	PASS
Band26	3MHz	QPSK	26740	1RB#0	22.76	PASS
Band26	3MHz	QPSK	26740	1RB#8	22.76	PASS
Band26	3MHz	QPSK	26740	1RB#14	22.74	PASS
Band26	3MHz	QPSK	26740	8RB#0	22.65	PASS
Band26	3MHz	QPSK	26740	8RB#4	22.64	PASS
Band26	3MHz	QPSK	26740	8RB#7	22.68	PASS
Band26	3MHz	QPSK	26740	15RB#0	22.65	PASS
Band26	3MHz	QPSK	26775	1RB#0	23.13	PASS
Band26	3MHz	QPSK	26775	1RB#8	23.66	PASS
Band26	3MHz	QPSK	26775	1RB#14	23.49	PASS
Band26	3MHz	QPSK	26775	8RB#0	23.18	PASS
Band26	3MHz	QPSK	26775	8RB#4	23.02	PASS
Band26	3MHz	QPSK	26775	8RB#7	23.07	PASS
Band26	3MHz	QPSK	26775	15RB#0	22.97	PASS
Band26	3MHz	16QAM	26705	1RB#0	22.47	PASS
Band26	3MHz	16QAM	26705	1RB#8	22.38	PASS
Band26	3MHz	16QAM	26705	1RB#14	21.97	PASS
Band26	3MHz	16QAM	26705	8RB#0	22.00	PASS
Band26	3MHz	16QAM	26705	8RB#4	22.00	PASS
Band26	3MHz	16QAM	26705	8RB#7	22.04	PASS

Band26	3MHz	16QAM	26705	15RB#0	22.14	PASS
Band26	3MHz	16QAM	26740	1RB#0	21.84	PASS
Band26	3MHz	16QAM	26740	1RB#8	22.01	PASS
Band26	3MHz	16QAM	26740	1RB#14	21.90	PASS
Band26	3MHz	16QAM	26740	8RB#0	21.74	PASS
Band26	3MHz	16QAM	26740	8RB#4	21.73	PASS
Band26	3MHz	16QAM	26740	8RB#7	21.77	PASS
Band26	3MHz	16QAM	26740	15RB#0	21.64	PASS
Band26	3MHz	16QAM	26775	1RB#0	22.00	PASS
Band26	3MHz	16QAM	26775	1RB#8	22.65	PASS
Band26	3MHz	16QAM	26775	1RB#14	22.46	PASS
Band26	3MHz	16QAM	26775	8RB#0	22.19	PASS
Band26	3MHz	16QAM	26775	8RB#4	21.99	PASS
Band26	3MHz	16QAM	26775	8RB#7	21.98	PASS
Band26	3MHz	16QAM	26775	15RB#0	22.12	PASS
Band26	5MHz	QPSK	26715	1RB#0	23.07	PASS
Band26	5MHz	QPSK	26715	1RB#12	22.98	PASS
Band26	5MHz	QPSK	26715	1RB#24	22.47	PASS
Band26	5MHz	QPSK	26715	12RB#0	22.93	PASS
Band26	5MHz	QPSK	26715	12RB#6	22.94	PASS
Band26	5MHz	QPSK	26715	12RB#13	22.63	PASS
Band26	5MHz	QPSK	26715	25RB#0	22.76	PASS
Band26	5MHz	QPSK	26740	1RB#0	22.57	PASS
Band26	5MHz	QPSK	26740	1RB#12	22.79	PASS
Band26	5MHz	QPSK	26740	1RB#24	22.83	PASS
Band26	5MHz	QPSK	26740	12RB#0	22.52	PASS
Band26	5MHz	QPSK	26740	12RB#6	22.52	PASS
Band26	5MHz	QPSK	26740	12RB#13	22.69	PASS
Band26	5MHz	QPSK	26740	25RB#0	22.59	PASS
Band26	5MHz	QPSK	26765	1RB#0	22.45	PASS
Band26	5MHz	QPSK	26765	1RB#12	23.35	PASS
Band26	5MHz	QPSK	26765	1RB#24	23.24	PASS
Band26	5MHz	QPSK	26765	12RB#0	22.70	PASS
Band26	5MHz	QPSK	26765	12RB#6	22.68	PASS
Band26	5MHz	QPSK	26765	12RB#13	23.39	PASS
Band26	5MHz	QPSK	26765	25RB#0	22.89	PASS
Band26	5MHz	16QAM	26715	1RB#0	22.06	PASS

Band26	5MHz	16QAM	26715	1RB#12	22.05	PASS
Band26	5MHz	16QAM	26715	1RB#24	21.55	PASS
Band26	5MHz	16QAM	26715	12RB#0	21.99	PASS
Band26	5MHz	16QAM	26715	12RB#6	21.99	PASS
Band26	5MHz	16QAM	26715	12RB#13	21.69	PASS
Band26	5MHz	16QAM	26715	25RB#0	21.83	PASS
Band26	5MHz	16QAM	26740	1RB#0	21.72	PASS
Band26	5MHz	16QAM	26740	1RB#12	22.05	PASS
Band26	5MHz	16QAM	26740	1RB#24	22.06	PASS
Band26	5MHz	16QAM	26740	12RB#0	21.64	PASS
Band26	5MHz	16QAM	26740	12RB#6	21.63	PASS
Band26	5MHz	16QAM	26740	12RB#13	21.80	PASS
Band26	5MHz	16QAM	26740	25RB#0	21.64	PASS
Band26	5MHz	16QAM	26765	1RB#0	21.39	PASS
Band26	5MHz	16QAM	26765	1RB#12	22.45	PASS
Band26	5MHz	16QAM	26765	1RB#24	22.34	PASS
Band26	5MHz	16QAM	26765	12RB#0	21.77	PASS
Band26	5MHz	16QAM	26765	12RB#6	21.76	PASS
Band26	5MHz	16QAM	26765	12RB#13	22.04	PASS
Band26	5MHz	16QAM	26765	25RB#0	22.07	PASS
Band26	10MHz	QPSK	26740	1RB#0	22.33	PASS
Band26	10MHz	QPSK	26740	1RB#24	22.72	PASS
Band26	10MHz	QPSK	26740	1RB#49	22.96	PASS
Band26	10MHz	QPSK	26740	25RB#0	22.54	PASS
Band26	10MHz	QPSK	26740	25RB#12	22.53	PASS
Band26	10MHz	QPSK	26740	25RB#25	22.90	PASS
Band26	10MHz	QPSK	26740	50RB#0	22.69	PASS
Band26	10MHz	16QAM	26740	1RB#0	21.56	PASS
Band26	10MHz	16QAM	26740	1RB#24	21.99	PASS
Band26	10MHz	16QAM	26740	1RB#49	22.20	PASS
Band26	10MHz	16QAM	26740	25RB#0	21.57	PASS
Band26	10MHz	16QAM	26740	25RB#12	21.57	PASS
Band26	10MHz	16QAM	26740	25RB#25	21.92	PASS
Band26	10MHz	16QAM	26740	50RB#0	21.73	PASS

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

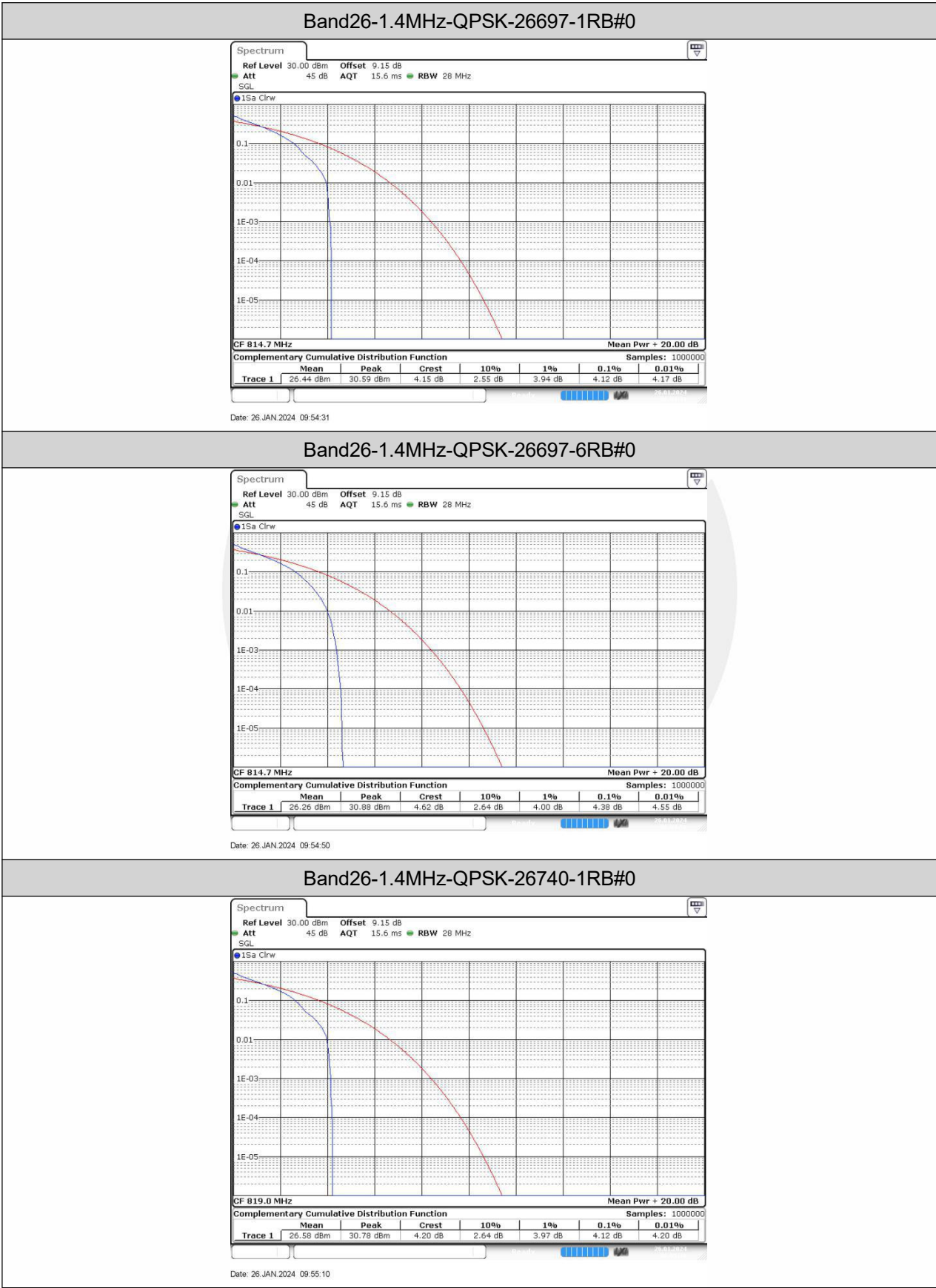
### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band26	1.4MHz	QPSK	26697	1RB#0	4.12	13	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	4.38	13	PASS
Band26	1.4MHz	QPSK	26740	1RB#0	4.12	13	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	4.32	13	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	3.80	13	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	4.75	13	PASS
Band26	1.4MHz	16QAM	26697	1RB#0	4.93	13	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	5.28	13	PASS
Band26	1.4MHz	16QAM	26740	1RB#0	5.04	13	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	5.25	13	PASS
Band26	1.4MHz	16QAM	26783	1RB#0	4.81	13	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	5.59	13	PASS
Band26	3MHz	QPSK	26705	1RB#0	4.20	13	PASS
Band26	3MHz	QPSK	26705	15RB#0	4.43	13	PASS
Band26	3MHz	QPSK	26740	1RB#0	4.23	13	PASS
Band26	3MHz	QPSK	26740	15RB#0	4.35	13	PASS
Band26	3MHz	QPSK	26775	1RB#0	4.03	13	PASS
Band26	3MHz	QPSK	26775	15RB#0	4.78	13	PASS
Band26	3MHz	16QAM	26705	1RB#0	5.10	13	PASS
Band26	3MHz	16QAM	26705	15RB#0	5.36	13	PASS
Band26	3MHz	16QAM	26740	1RB#0	5.07	13	PASS
Band26	3MHz	16QAM	26740	15RB#0	5.25	13	PASS
Band26	3MHz	16QAM	26775	1RB#0	4.90	13	PASS
Band26	3MHz	16QAM	26775	15RB#0	5.74	13	PASS
Band26	5MHz	QPSK	26715	1RB#0	4.29	13	PASS
Band26	5MHz	QPSK	26715	25RB#0	4.52	13	PASS
Band26	5MHz	QPSK	26740	1RB#0	4.29	13	PASS
Band26	5MHz	QPSK	26740	25RB#0	4.38	13	PASS
Band26	5MHz	QPSK	26765	1RB#0	4.23	13	PASS
Band26	5MHz	QPSK	26765	25RB#0	4.49	13	PASS
Band26	5MHz	16QAM	26715	1RB#0	5.07	13	PASS

Band26	5MHz	16QAM	26715	25RB#0	5.36	13	PASS
Band26	5MHz	16QAM	26740	1RB#0	5.22	13	PASS
Band26	5MHz	16QAM	26740	25RB#0	5.28	13	PASS
Band26	5MHz	16QAM	26765	1RB#0	4.99	13	PASS
Band26	5MHz	16QAM	26765	25RB#0	5.42	13	PASS
Band26	10MHz	QPSK	26740	1RB#0	4.49	13	PASS
Band26	10MHz	QPSK	26740	50RB#0	4.58	13	PASS
Band26	10MHz	16QAM	26740	1RB#0	5.28	13	PASS
Band26	10MHz	16QAM	26740	50RB#0	5.45	13	PASS

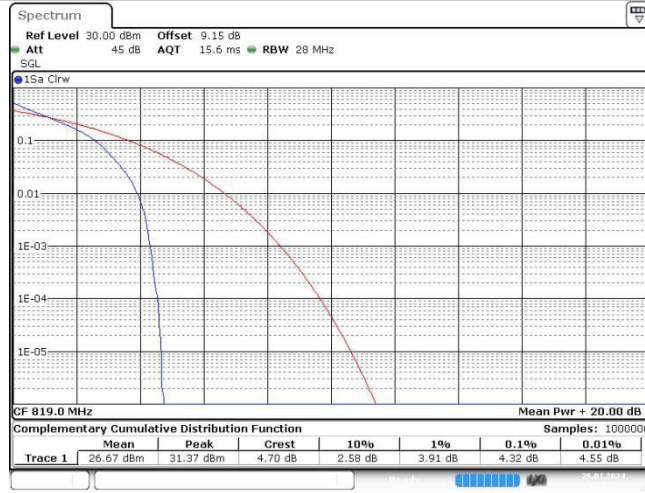


### Test Graphs



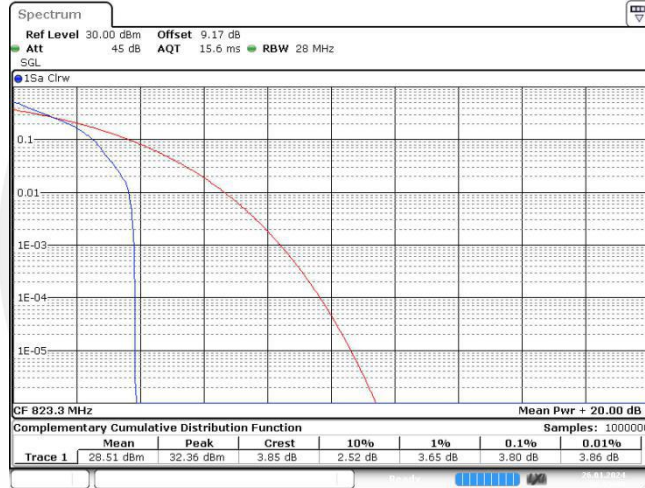


## Band26-1.4MHz-QPSK-26740-6RB#0



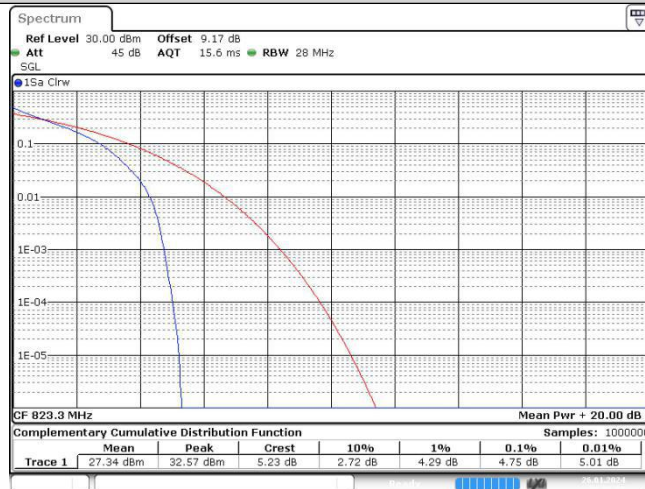
Date: 26 JAN 2024 09:55:29

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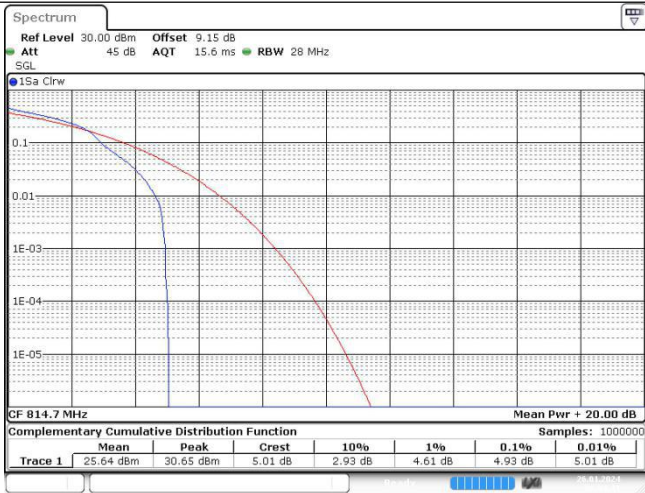
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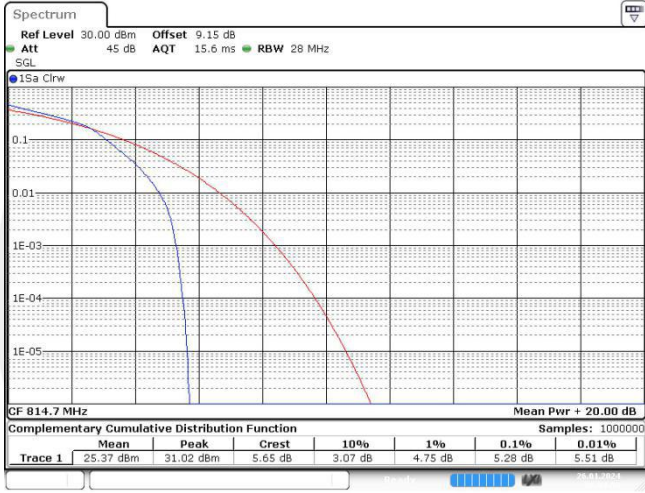
Date: 26 JAN 2024 09:56:08

## Band26-1.4MHz-16QAM-26697-1RB#0



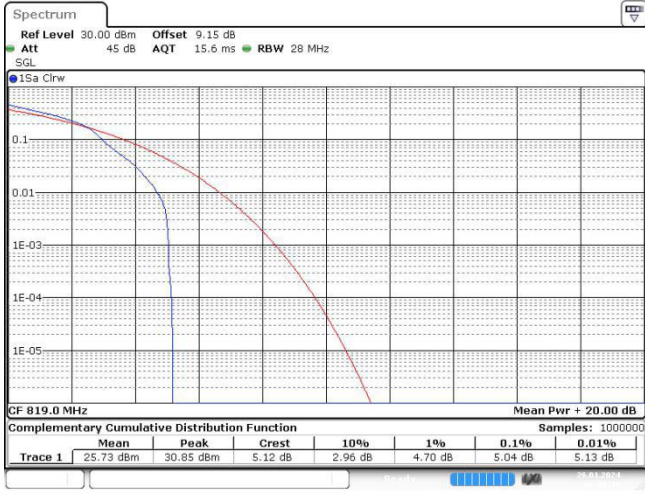
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## Band26-1.4MHz-16QAM-26697-6RB#0



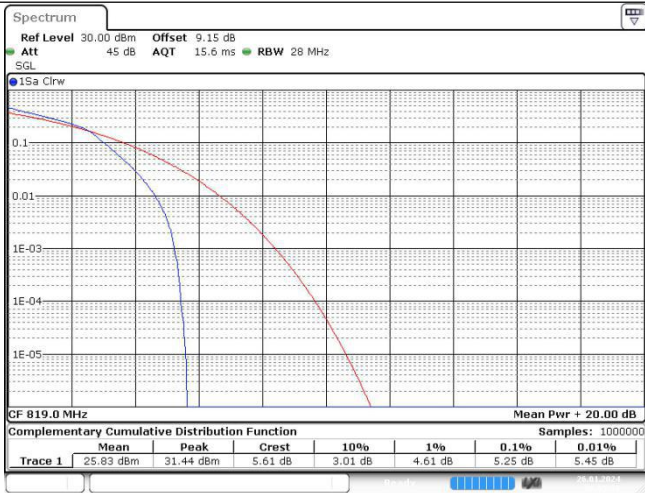
Date: 26 JAN 2024 09:54:59

## Band26-1.4MHz-16QAM-26740-1RB#0



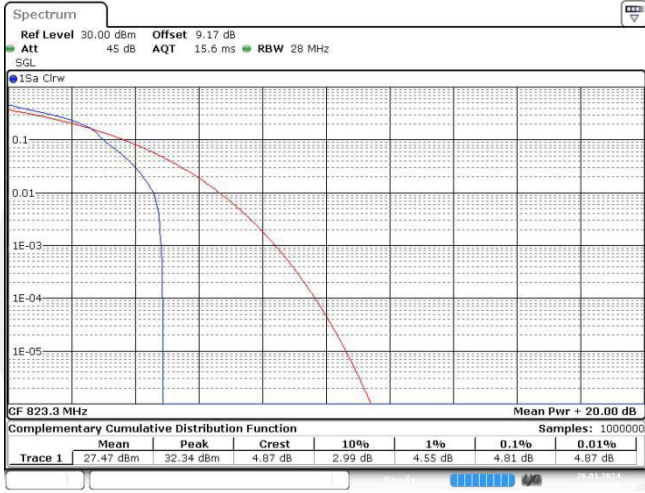
Date: 26 JAN 2024 09:55:19

## Band26-1.4MHz-16QAM-26740-6RB#0



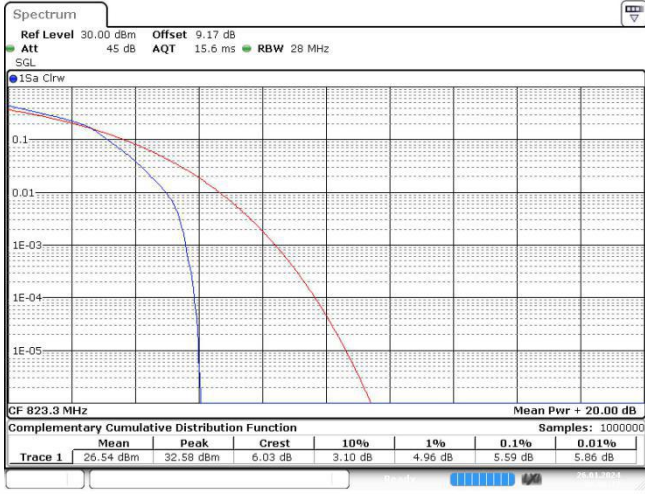
Date: 26 JAN 2024 09:55:38

## Band26-1.4MHz-16QAM-26783-1RB#0



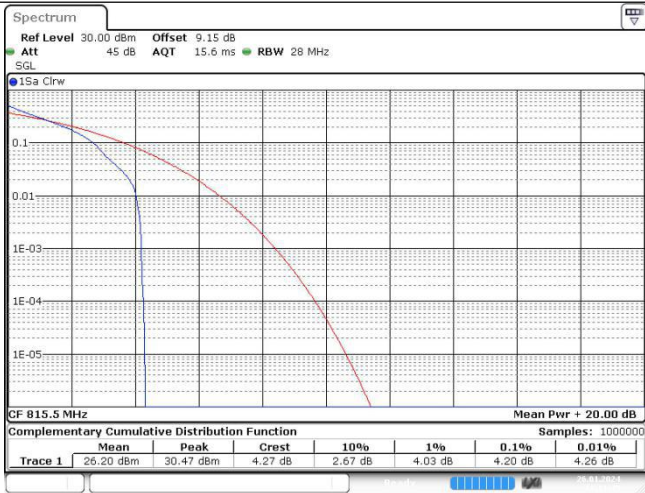
Date: 26 JAN 2024 09:55:58

## Band26-1.4MHz-16QAM-26783-6RB#0



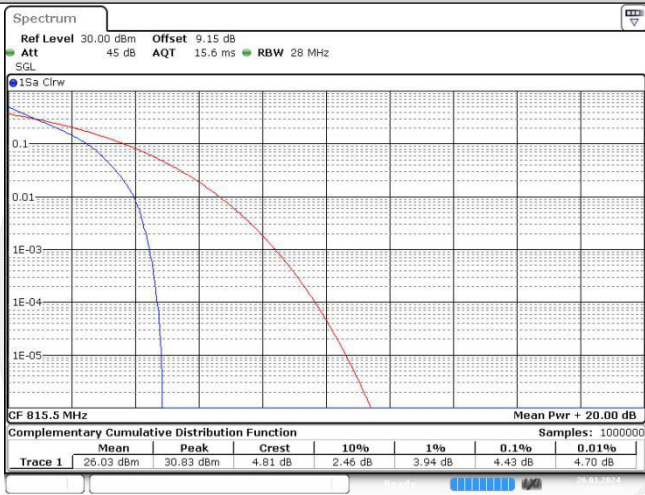
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## Band26-3MHz-QPSK-26705-1RB#0



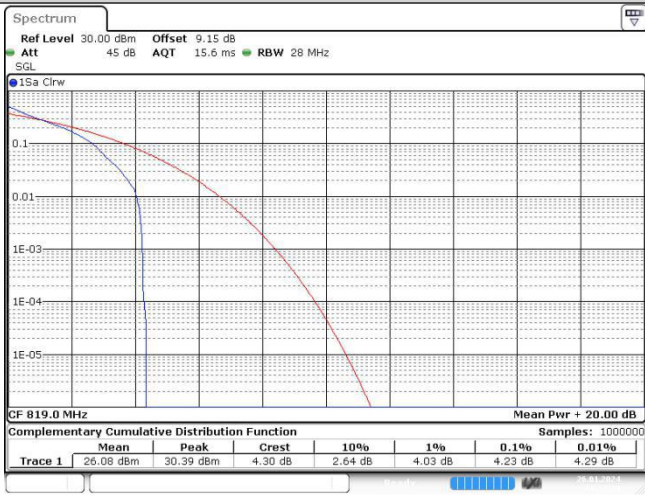
Date: 26 JAN 2024 10:11:45

## Band26-3MHz-QPSK-26705-15RB#0



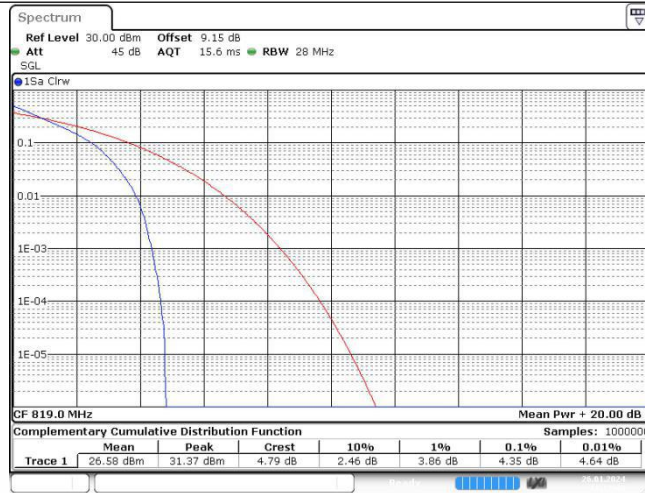
Date: 26 JAN 2024 10:12:04

## Band26-3MHz-QPSK-26740-1RB#0



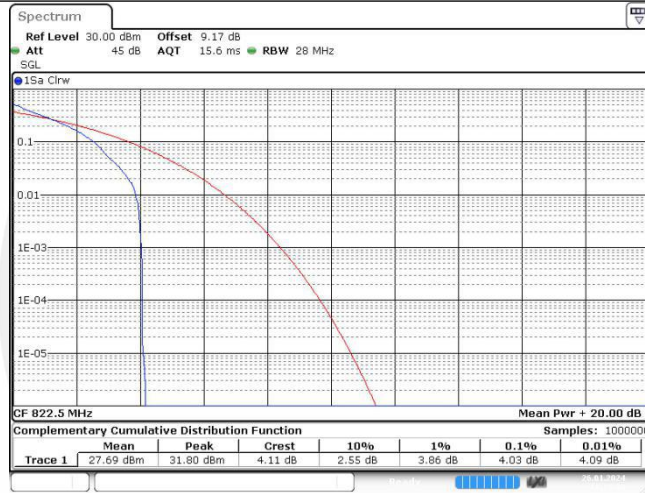
Date: 26 JAN 2024 10:12:24

## Band26-3MHz-QPSK-26740-15RB#0



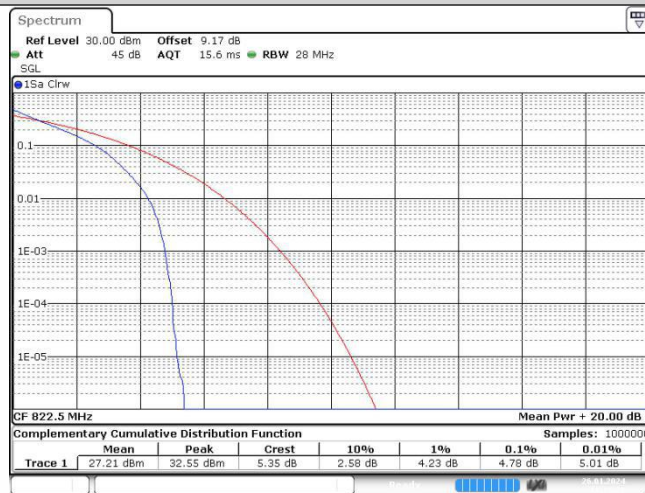
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## Band26-3MHz-QPSK-26775-1RB#0



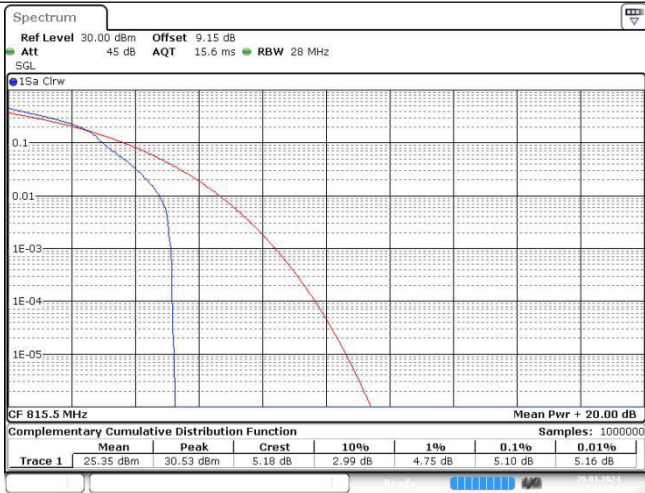
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## Band26-3MHz-QPSK-26775-15RB#0



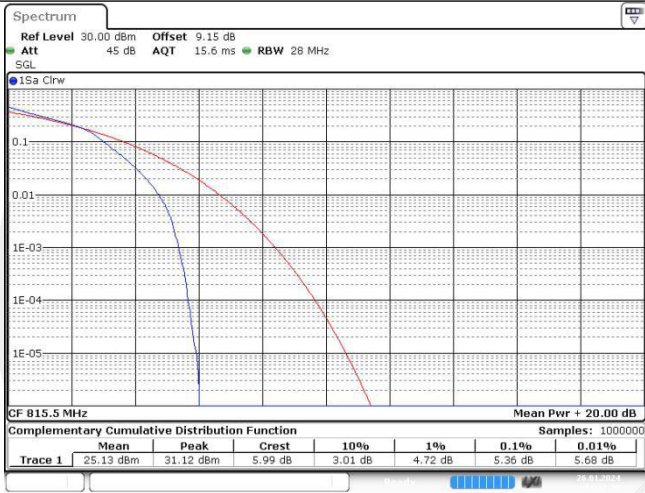
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## Band26-3MHz-16QAM-26705-1RB#0



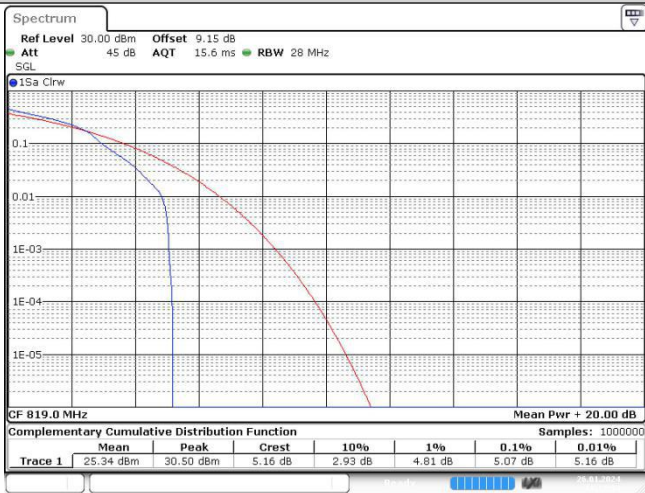
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### Band26-3MHz-16QAM-26705-15RB#0



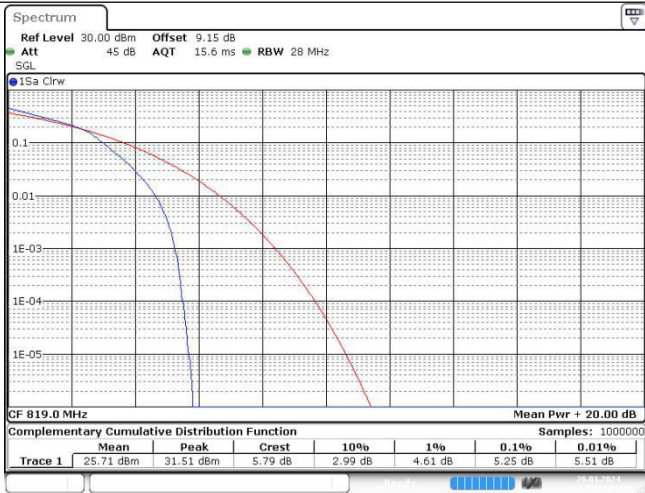
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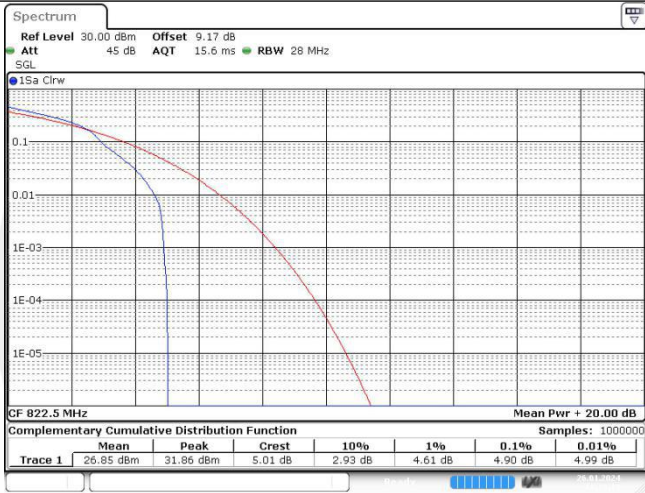
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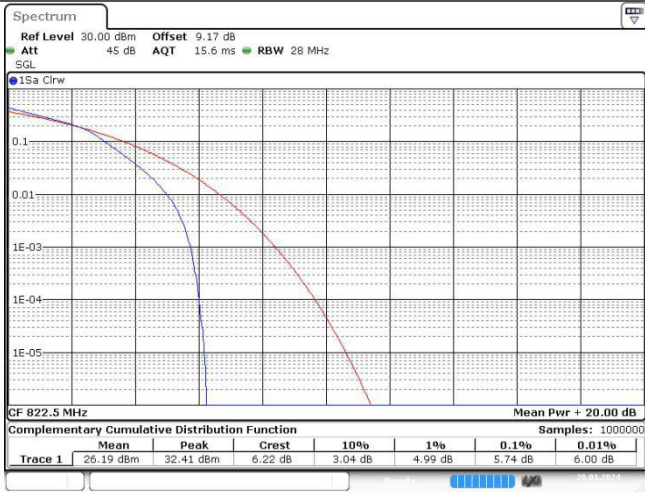
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## Band26-3MHz-16QAM-26775-1RB#0



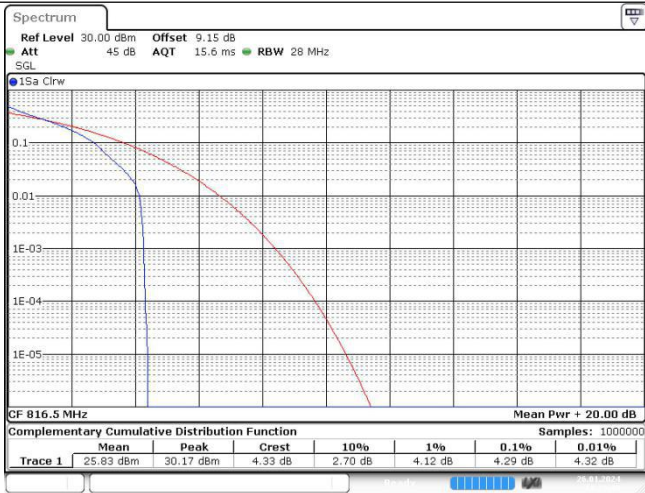
Date: 26 JAN 2024 10:13:13

## Band26-3MHz-16QAM-26775-15RB#0



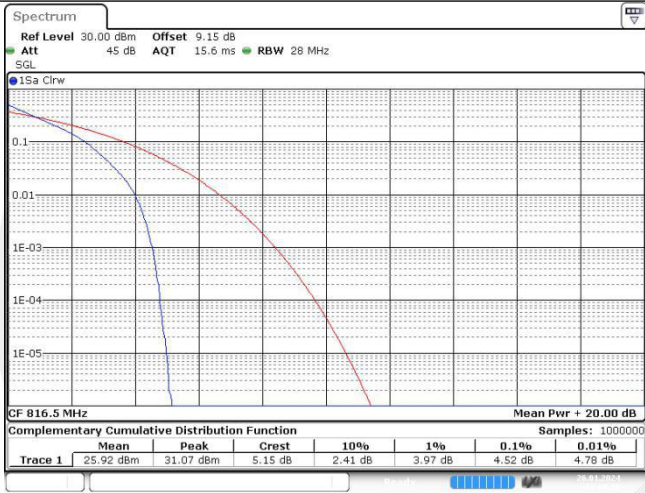
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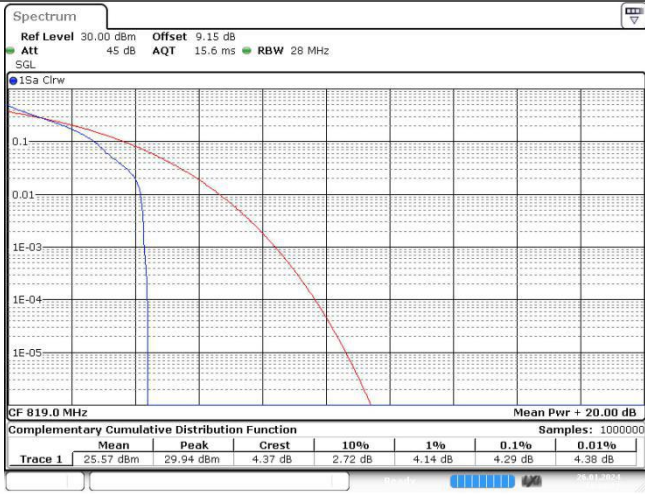
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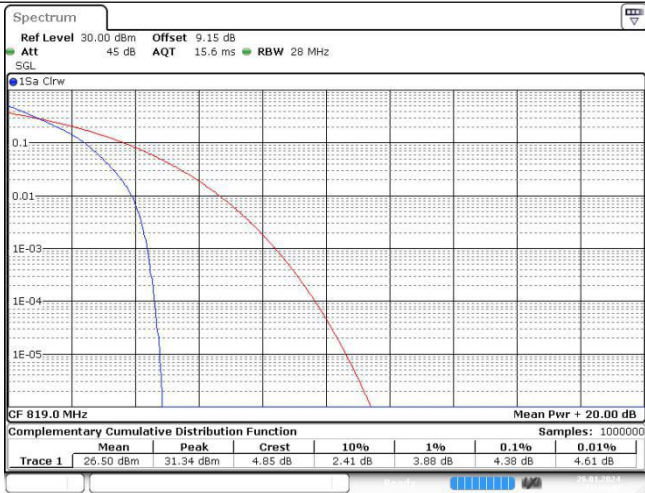
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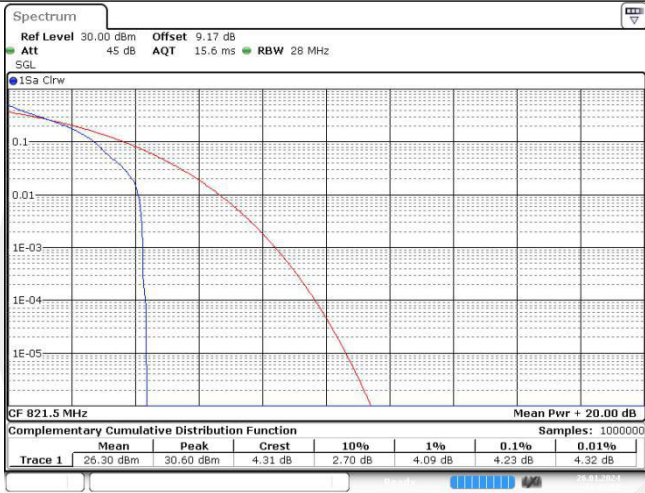
### Band26-5MHz-QPSK-26740-25RB#0





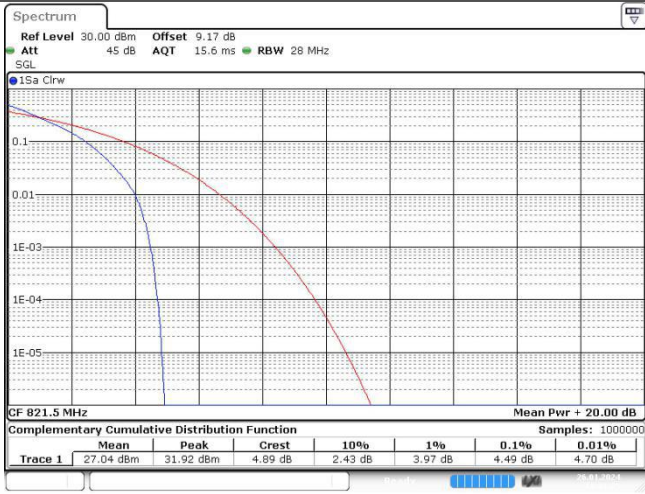
Date: 26 JAN 2024 10:30:47

## Band26-5MHz-QPSK-26765-1RB#0



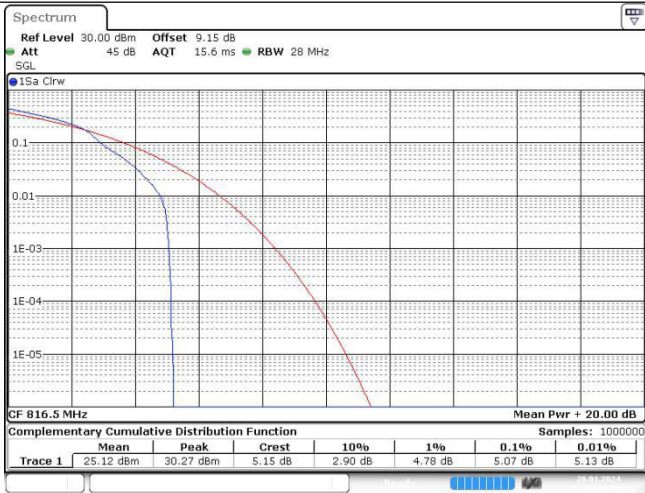
Date: 26 JAN 2024 10:31:07

## Band26-5MHz-QPSK-26765-25RB#0



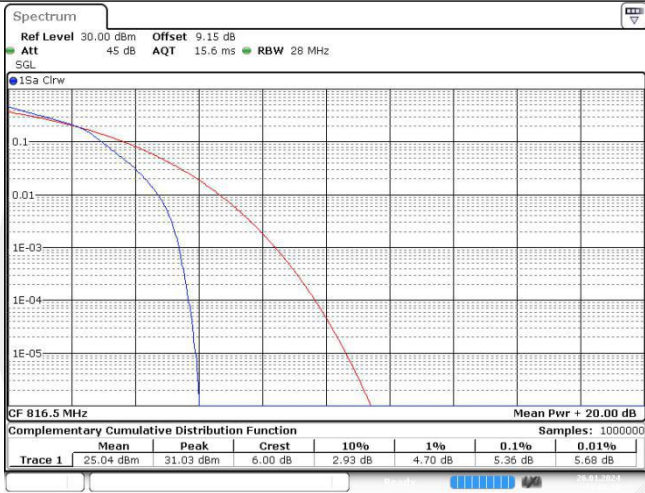
Date: 26 JAN 2024 10:31:26

## Band26-5MHz-16QAM-26715-1RB#0



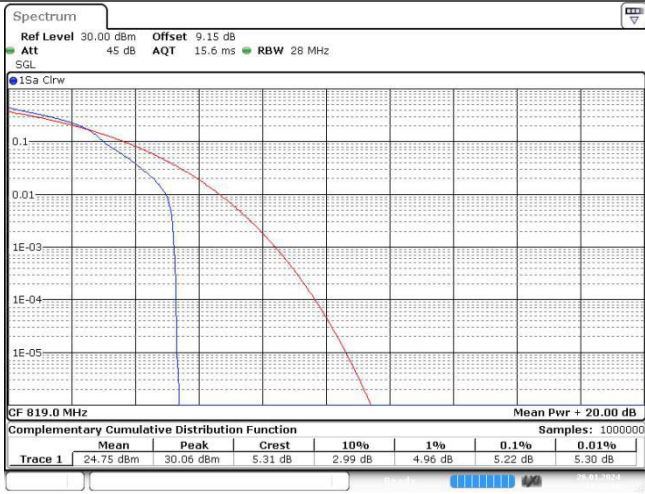
Date: 26 JAN 2024 10:29:58

## Band26-5MHz-16QAM-26715-25RB#0



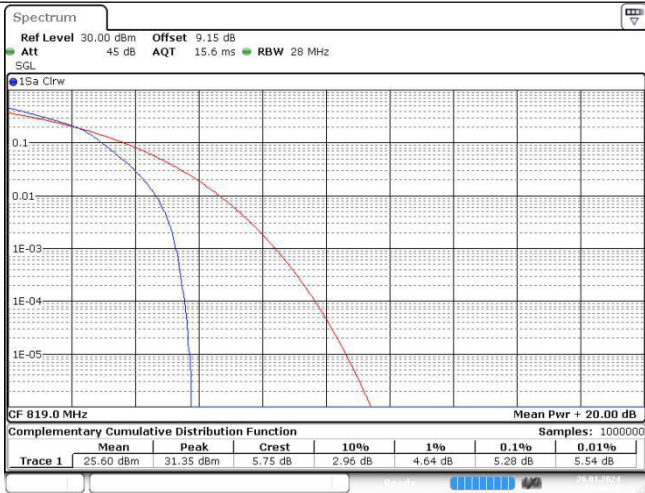
Date: 26 JAN 2024 10:30:17

## Band26-5MHz-16QAM-26740-1RB#0



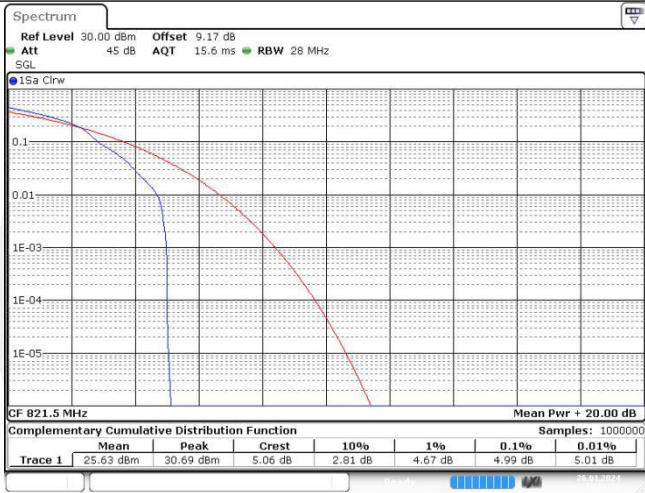
Date: 26 JAN 2024 10:30:37

## Band26-5MHz-16QAM-26740-25RB#0



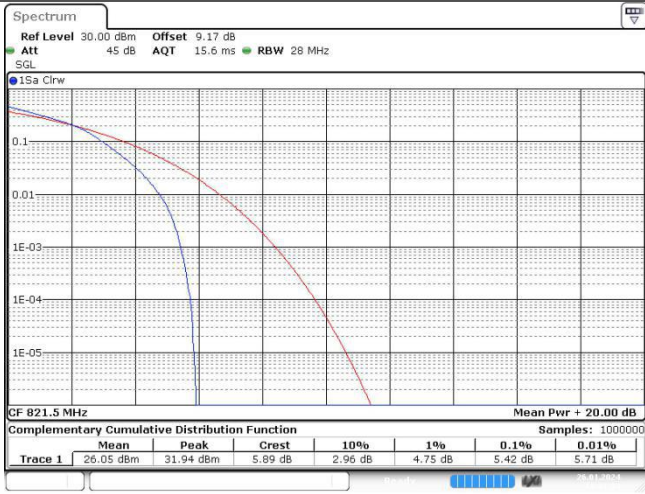
Date: 26 JAN 2024 10:30:56

## Band26-5MHz-16QAM-26765-1RB#0



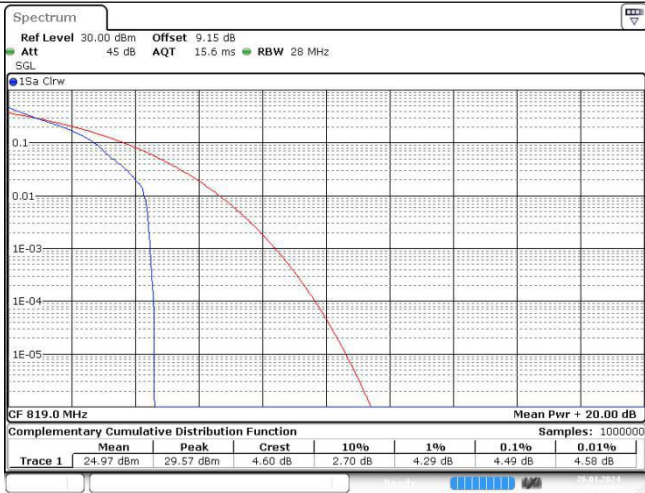
Date: 26 JAN 2024 10:31:16

## Band26-5MHz-16QAM-26765-25RB#0



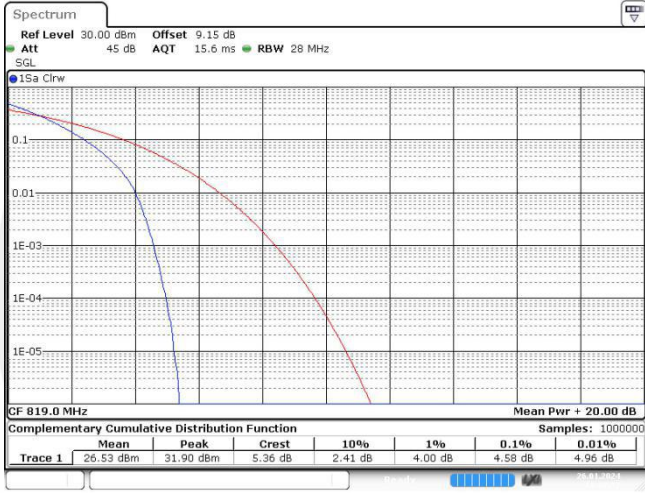
Date: 26 JAN 2024 10:31:35

## Band26-10MHz-QPSK-26740-1RB#0



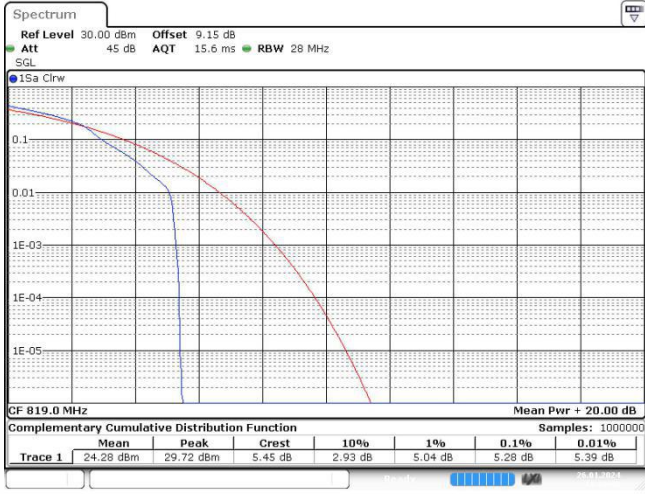
Date: 26 JAN 2024 10:38:39

### Band26-10MHz-QPSK-26740-50RB#0



Date: 26 JAN 2024 10:38:57

### Band26-10MHz-16QAM-26740-1RB#0



Date: 26 JAN 2024 10:38:48

### Band26-10MHz-16QAM-26740-50RB#0

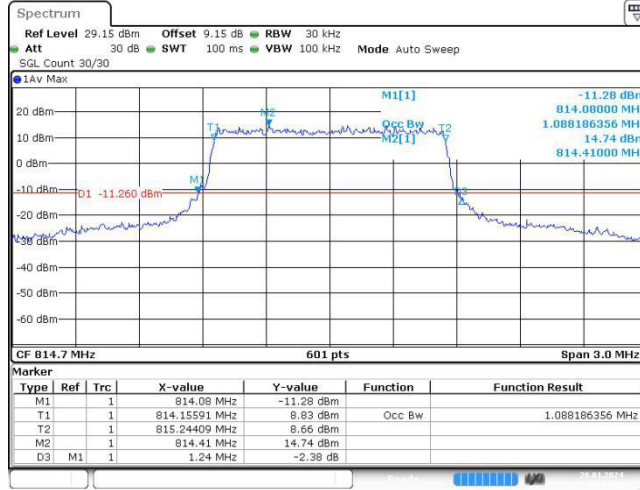
## Appendix C: 26dB Bandwidth and Occupied Bandwidth

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band26	1.4MHz	QPSK	26697	6RB#0	1.088	1.24	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	1.088	1.24	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	1.088	1.21	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	1.088	1.23	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	1.088	1.22	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	1.088	1.24	PASS
Band26	3MHz	QPSK	26705	15RB#0	2.696	2.86	PASS
Band26	3MHz	QPSK	26740	15RB#0	2.696	2.89	PASS
Band26	3MHz	QPSK	26775	15RB#0	2.696	2.87	PASS
Band26	3MHz	16QAM	26705	15RB#0	2.696	2.89	PASS
Band26	3MHz	16QAM	26740	15RB#0	2.696	2.89	PASS
Band26	3MHz	16QAM	26775	15RB#0	2.696	2.86	PASS
Band26	5MHz	QPSK	26715	25RB#0	4.505	4.80	PASS
Band26	5MHz	QPSK	26740	25RB#0	4.496	4.79	PASS
Band26	5MHz	QPSK	26765	25RB#0	4.496	4.78	PASS
Band26	5MHz	16QAM	26715	25RB#0	4.505	4.78	PASS
Band26	5MHz	16QAM	26740	25RB#0	4.496	4.78	PASS
Band26	5MHz	16QAM	26765	25RB#0	4.496	4.77	PASS
Band26	10MHz	QPSK	26740	50RB#0	8.952	9.53	PASS
Band26	10MHz	16QAM	26740	50RB#0	8.952	9.57	PASS

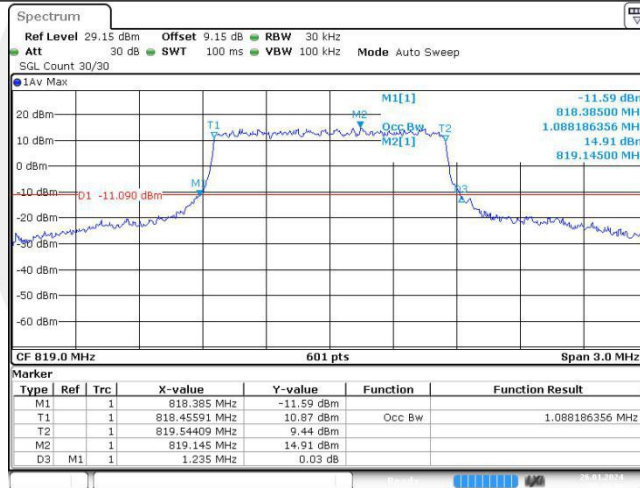
## Test Graphs

### Band26-1.4MHz-QPSK-26697-6RB#0



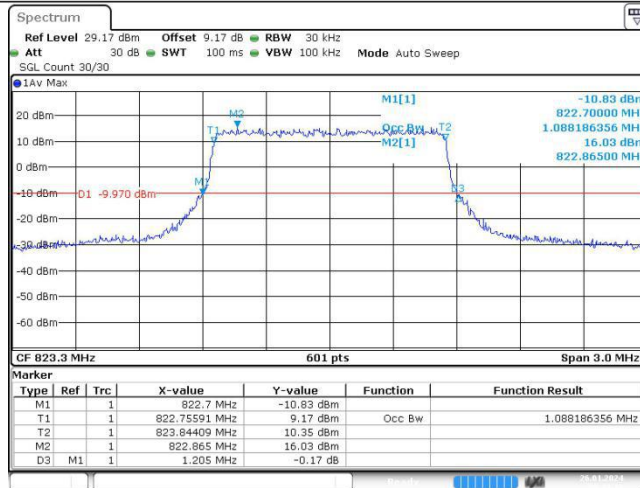
Date: 26 JAN 2024 09:43:46

### Band26-1.4MHz-QPSK-26740-6RB#0



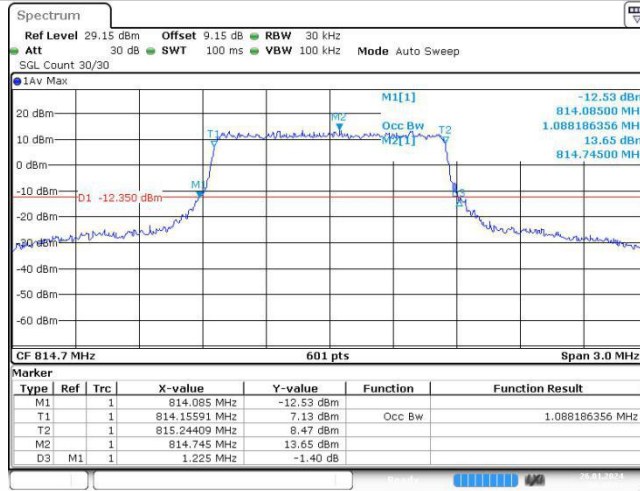
Date: 26 JAN 2024 09:44:03

### Band26-1.4MHz-QPSK-26783-6RB#0



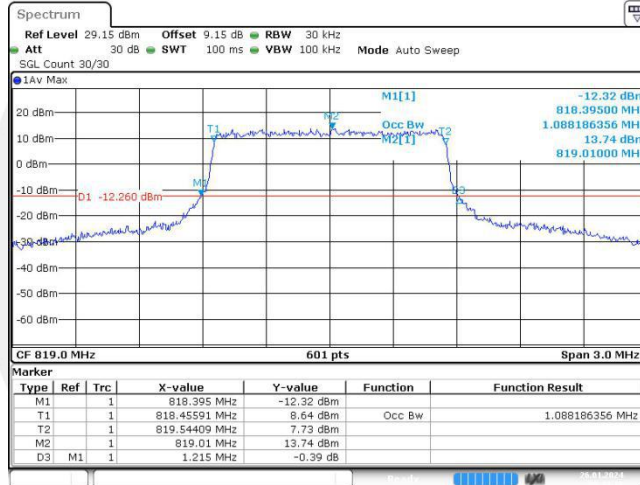
Date: 26 JAN 2024 09:44:20

## Band26-1.4MHz-16QAM-26697-6RB#0



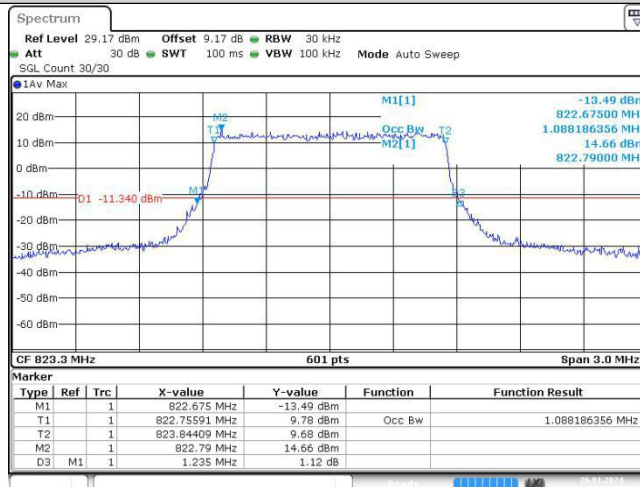
Date: 26 JAN 2024 09:43:53

## Band26-1.4MHz-16QAM-26740-6RB#0



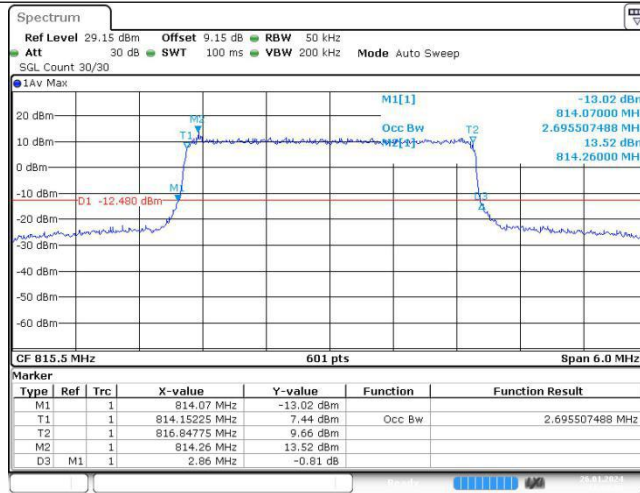
Date: 26 JAN 2024 09:44:10

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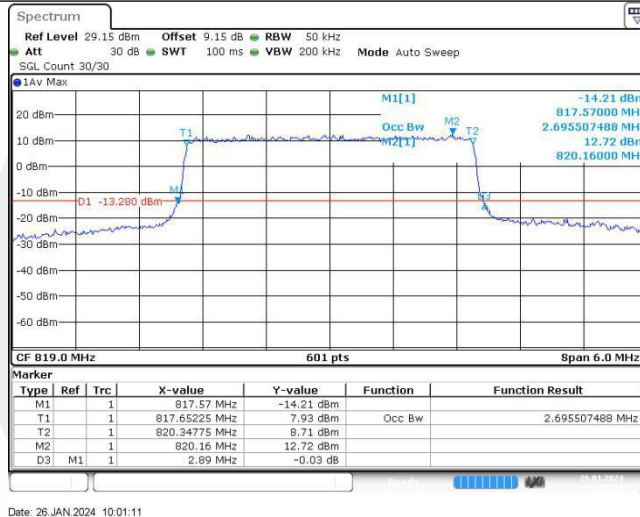


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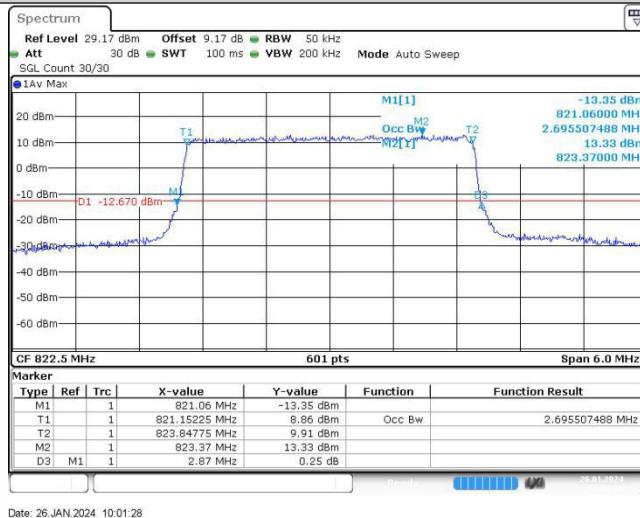
## Band26-3MHz-QPSK-26705-15RB#0



## Band26-3MHz-QPSK-26740-15RB#0

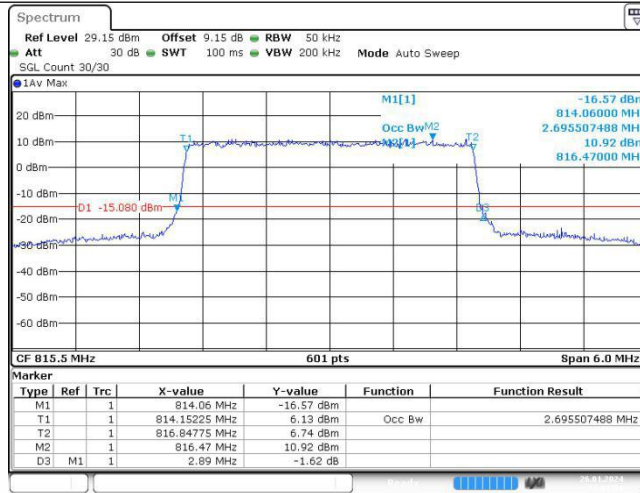


## Band26-3MHz-QPSK-26775-15RB#0



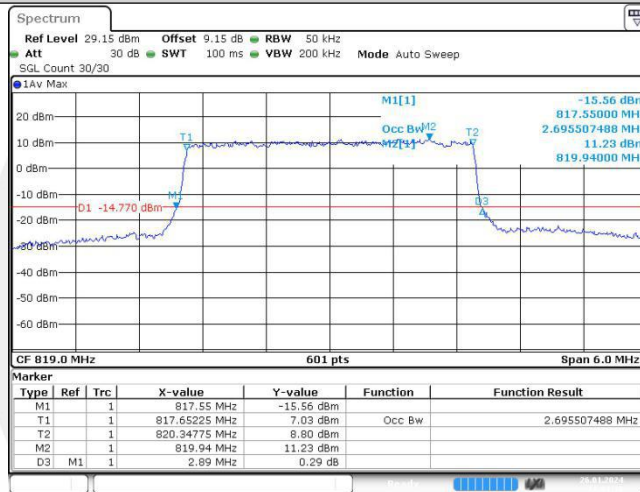
## Band26-3MHz-16QAM-26705-15RB#0





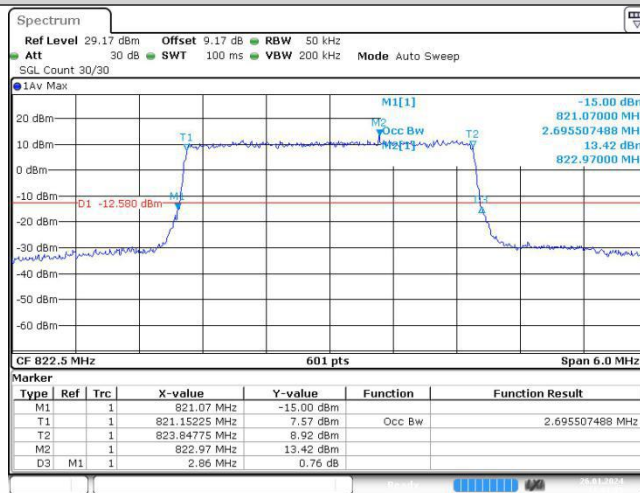
Date: 26 JAN 2024 10:01:01

## Band26-3MHz-16QAM-26740-15RB#0



Date: 26 JAN 2024 10:01:19

## Band26-3MHz-16QAM-26775-15RB#0



Date: 26 JAN 2024 10:01:36

## Band26-5MHz-QPSK-26715-25RB#0