

# Appendix H: Test Results of Band 26 lower for eMTC operation

<b>APPENDIX H: TEST RESULTS OF BAND 26 LOWER FOR EMTC OPERATION .....</b>	<b>1</b>
<b>APPENDIX H.1: POWER OUTPUT DATA FOR M1 .....</b>	<b>2</b>
Test Result.....	2
<b>APPENDIX H.2: PEAK-TO-AVERAGE RATIO (CCDF) FOR M1 .....</b>	<b>3</b>
Test Result.....	3
Test Graphs.....	4
<b>APPENDIX H.3: 26DB BANDWIDTH AND OCCUPIED BANDWIDTH FOR M1.....</b>	<b>7</b>
Test Result.....	7
Test Graphs.....	8
<b>APPENDIX H.4: BAND EDGE FOR M1.....</b>	<b>11</b>
Test Result.....	11
Test Graphs.....	11
<b>APPENDIX H.5: CONDUCTED SPURIOUS EMISSION FOR M1 .....</b>	<b>16</b>
Test Result.....	16
Test Graphs.....	17
<b>APPENDIX H.6: FREQUENCY STABILITY FOR M1 .....</b>	<b>33</b>
Test Result.....	33

## APPENDIX H.1: POWER OUTPUT DATA FOR M1

### Test Result for Band 26 Lower band (814-824MHz)

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	Index	Result (dBm)	Verdict
Band26	1.4MHz	26697	QPSK	1	0	Low	23.51	PASS
Band26	1.4MHz	26697	QPSK	6	0	Low	21.32	PASS
Band26	1.4MHz	26740	QPSK	1	0	Low	23.58	PASS
Band26	1.4MHz	26740	QPSK	6	0	Low	21.38	PASS
Band26	1.4MHz	26783	QPSK	1	5	Low	23.34	PASS
Band26	1.4MHz	26783	QPSK	6	0	Low	21.40	PASS
Band26	1.4MHz	26697	16QAM	1	0	Low	22.25	PASS
Band26	1.4MHz	26697	16QAM	6	0	Low	21.32	PASS
Band26	1.4MHz	26740	16QAM	1	0	Low	22.32	PASS
Band26	1.4MHz	26740	16QAM	6	0	Low	21.38	PASS
Band26	1.4MHz	26783	16QAM	1	5	Low	22.34	PASS
Band26	1.4MHz	26783	16QAM	6	0	Low	21.41	PASS
Band26	3MHz	26705	QPSK	1	0	Low	23.57	PASS
Band26	3MHz	26705	QPSK	6	0	Low	21.36	PASS
Band26	3MHz	26740	QPSK	1	0	Low	23.61	PASS
Band26	3MHz	26740	QPSK	6	0	Low	21.39	PASS
Band26	3MHz	26775	QPSK	1	5	High	23.35	PASS
Band26	3MHz	26775	QPSK	6	0	High	21.41	PASS
Band26	3MHz	26705	16QAM	1	0	Low	22.29	PASS
Band26	3MHz	26705	16QAM	6	0	Low	21.36	PASS
Band26	3MHz	26740	16QAM	1	0	Low	22.48	PASS
Band26	3MHz	26740	16QAM	6	0	Low	21.40	PASS
Band26	3MHz	26775	16QAM	1	5	High	22.38	PASS
Band26	3MHz	26775	16QAM	6	0	High	21.41	PASS
Band26	5MHz	26715	QPSK	1	0	Low	23.40	PASS
Band26	5MHz	26715	QPSK	6	0	Low	22.37	PASS
Band26	5MHz	26740	QPSK	1	0	Low	23.48	PASS
Band26	5MHz	26740	QPSK	6	0	Low	22.39	PASS
Band26	5MHz	26765	QPSK	1	5	High	23.18	PASS
Band26	5MHz	26765	QPSK	3	3	High	22.28	PASS
Band26	5MHz	26715	16QAM	1	0	Low	23.63	PASS
Band26	5MHz	26715	16QAM	6	0	Low	22.25	PASS
Band26	5MHz	26740	16QAM	1	0	Low	23.67	PASS
Band26	5MHz	26740	16QAM	6	0	Low	22.39	PASS
Band26	5MHz	26765	16QAM	1	5	High	23.52	PASS
Band26	5MHz	26765	16QAM	3	3	High	22.30	PASS
Band26	10MHz	26740	QPSK	1	0	Low	23.49	PASS
Band26	10MHz	26740	QPSK	1	5	High	23.12	PASS
Band26	10MHz	26740	QPSK	5	0	Low	22.39	PASS
Band26	10MHz	26740	QPSK	5	1	High	22.41	PASS
Band26	10MHz	26740	16QAM	1	0	Low	23.60	PASS
Band26	10MHz	26740	16QAM	1	5	High	23.39	PASS
Band26	10MHz	26740	16QAM	5	0	Low	22.40	PASS
Band26	10MHz	26740	16QAM	5	1	High	22.44	PASS

**Note:** The highest antenna gain permitted including cable loss, must satisfy both EIRP (ERP) limit and RF exposure requirements.

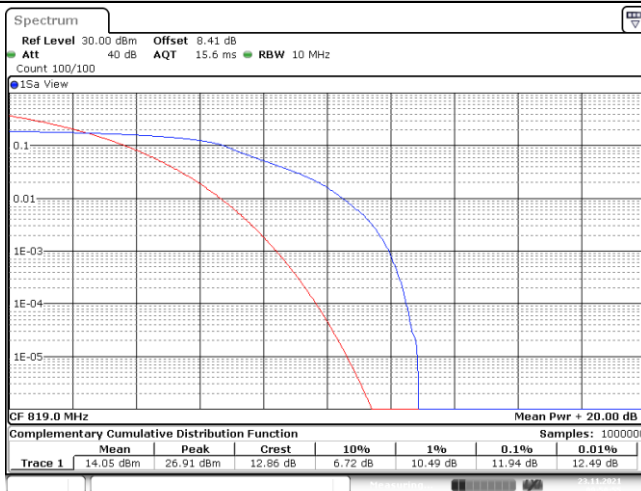
## APPENDIX H.2: PEAK-TO-AVERAGE RATIO (CCDF) FOR M1

### Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	Index	Result (dB)	Limit (dB)	Verdict
Band26	1.4MHz	26740	QPSK	6	0	Low	11.94	<=13	PASS
Band26	1.4MHz	26740	16QAM	6	0	Low	9.86	<=13	PASS
Band26	3MHz	26740	QPSK	6	0	Low	12.23	<=13	PASS
Band26	3MHz	26740	16QAM	6	0	Low	11.25	<=13	PASS
Band26	5MHz	26740	QPSK	6	0	Low	10.14	<=13	PASS
Band26	5MHz	26740	16QAM	6	0	Low	11.04	<=13	PASS
Band26	10MHz	26740	QPSK	6	0	Low	12.06	<=13	PASS
Band26	10MHz	26740	16QAM	6	0	Low	9.22	<=13	PASS

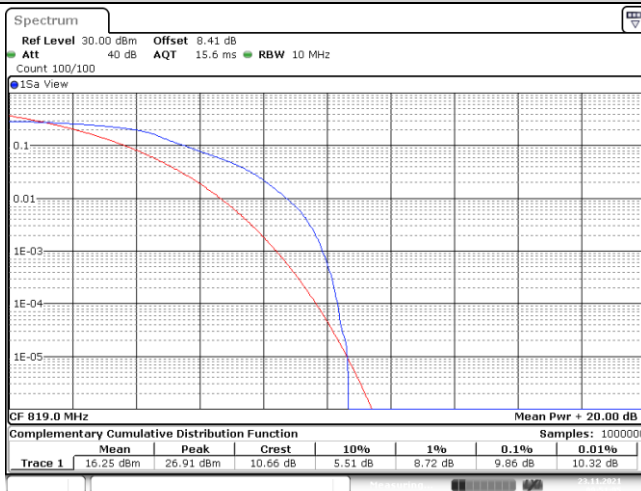
### Test Graphs

Band26-1.4MHz-QPSK-26740-6-0-Low-11.94-<=13-PASS



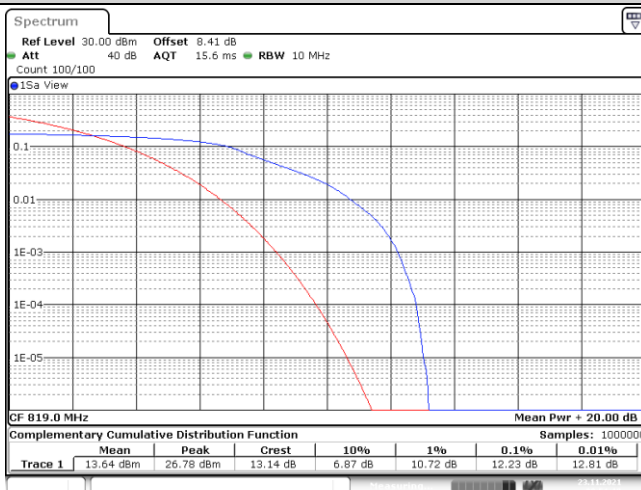
Date: 23.NOV.2021 09:50:55

Band26-1.4MHz-16QAM-26740-6-0-Low-9.86-<=13-PASS



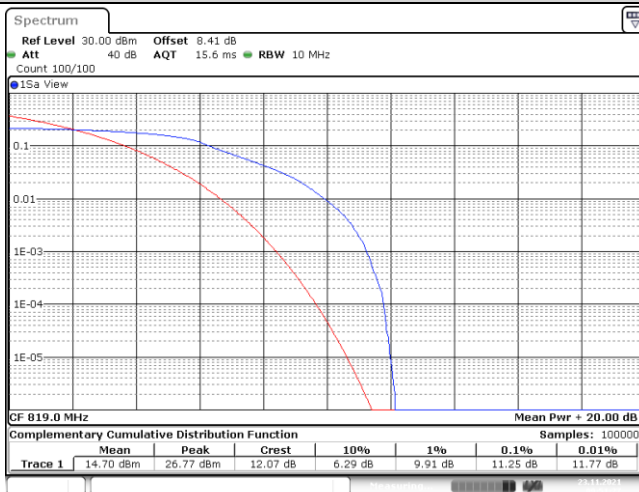
Date: 23.NOV.2021 09:51:04

Band26-3MHz-QPSK-26740-6-0-Low-12.23-<=13-PASS



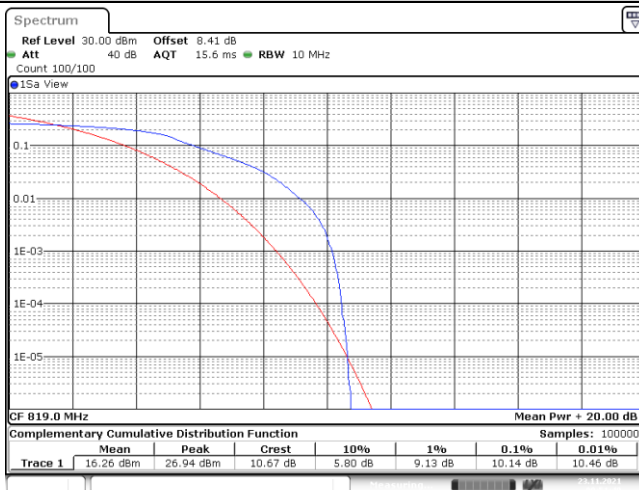
Date: 23.NOV.2021 09:51:18

Band26-3MHz-16QAM-26740-6-0-Low-11.25-<=13-PASS



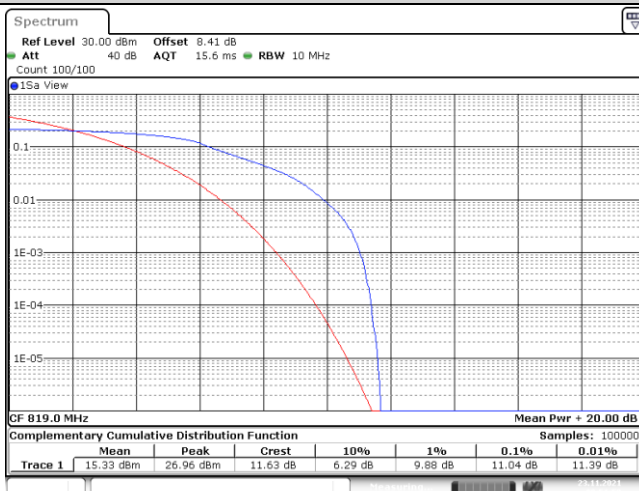
Date: 23.NOV.2021 09:51:27

Band26-5MHz-QPSK-26740-6-0-Low-10.14-<=13-PASS



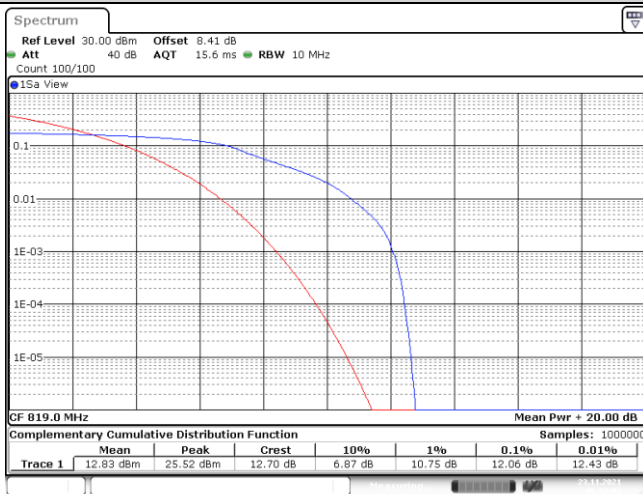
Date: 23.NOV.2021 09:51:40

Band26-5MHz-16QAM-26740-6-0-Low-11.04-<=13-PASS



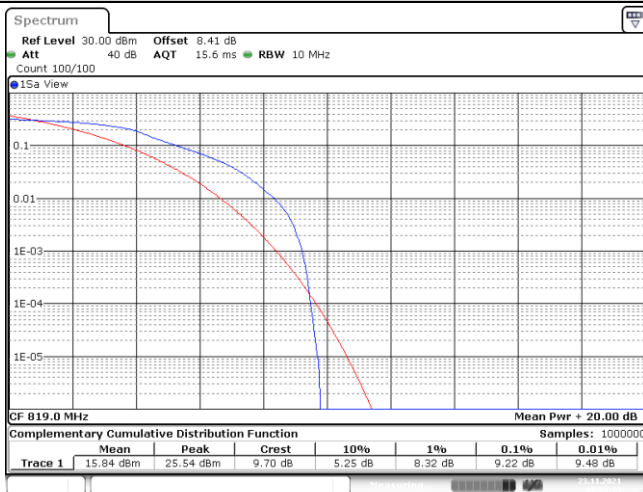
Date: 23.NOV.2021 09:51:50

Band26-10MHz-QPSK-26740-6-0-Low-12.06-<=13-PASS



Date: 23.NOV.2021 09:52:03

Band26-10MHz-16QAM-26740-6-0-Low-9.22-<=13-PASS



Date: 23.NOV.2021 09:52:13

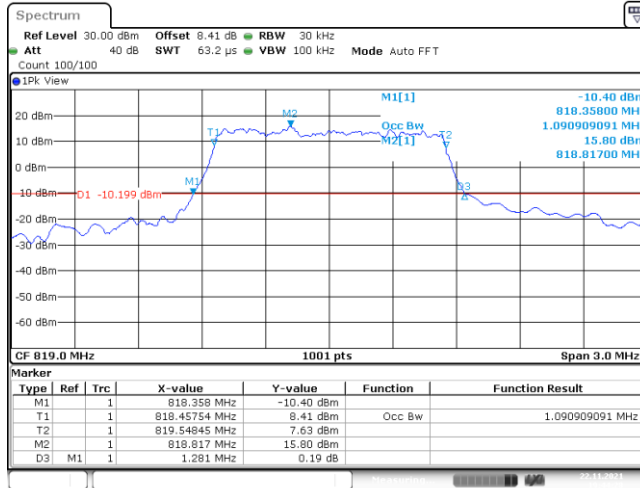
### APPENDIX H.3: 26dB BANDWIDTH AND OCCUPIED BANDWIDTH FOR M1

#### Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	Index	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band26	1.4MHz	26740	QPSK	6	0	Low	1.091	1.281	PASS
Band26	1.4MHz	26740	16QAM	6	0	Low	1.094	1.287	PASS
Band26	3MHz	26740	QPSK	6	0	Low	1.097	1.284	PASS
Band26	3MHz	26740	16QAM	6	0	Low	1.097	1.284	PASS
Band26	5MHz	26740	QPSK	6	0	Low	1.109	1.300	PASS
Band26	5MHz	26740	16QAM	6	0	Low	1.109	1.300	PASS
Band26	10MHz	26740	QPSK	6	0	Low	1.099	1.320	PASS
Band26	10MHz	26740	16QAM	6	0	Low	1.099	1.320	PASS

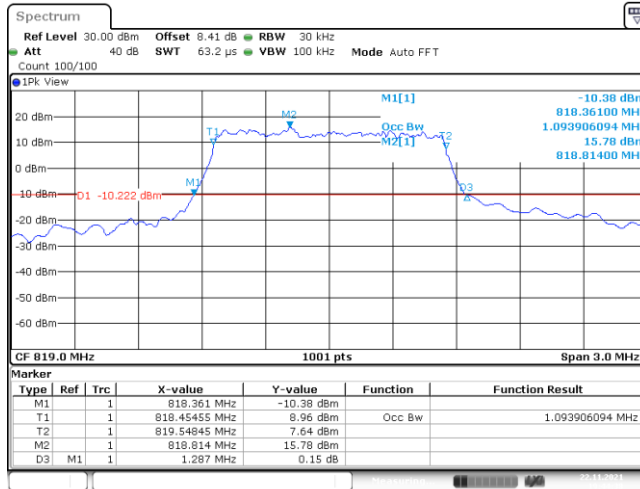
### Test Graphs

#### Band26-1.4MHz-QPSK-26740-6-0-Low-1.091-1.281-PASS



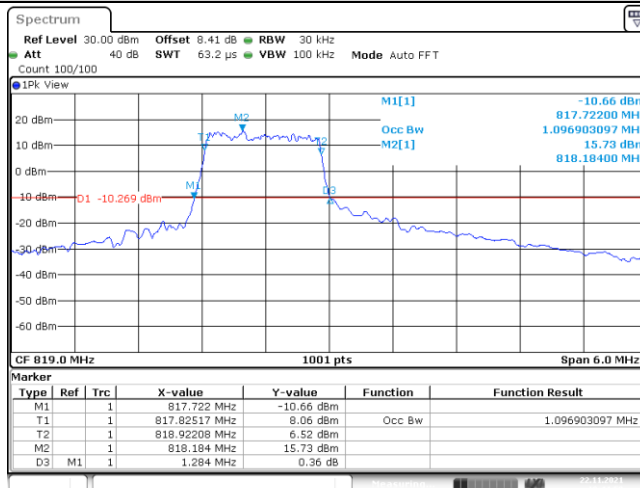
Date: 22.NOV.2021 19:44:28

#### Band26-1.4MHz-16QAM-26740-6-0-Low-1.094-1.287-PASS



Date: 22.NOV.2021 19:44:38

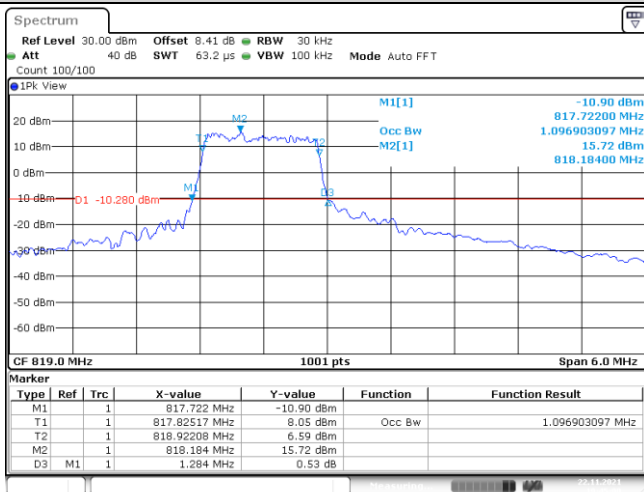
#### Band26-3MHz-QPSK-26740-6-0-Low-1.097-1.284-PASS



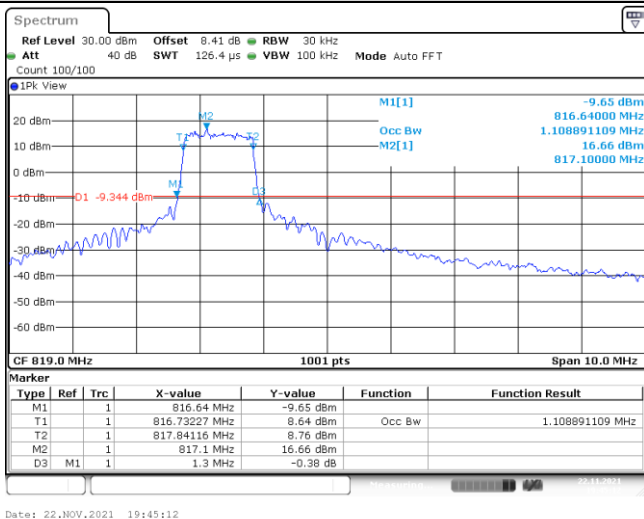
Date: 22.NOV.2021 19:44:50



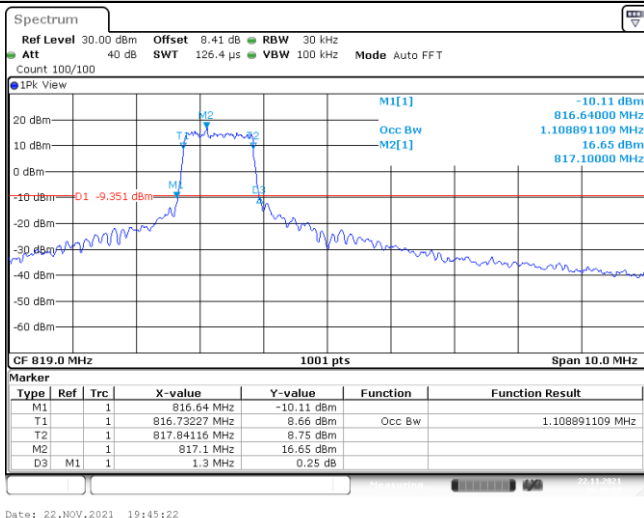
Band26-3MHz-16QAM-26740-6-0-Low-1.097-1.284-PASS



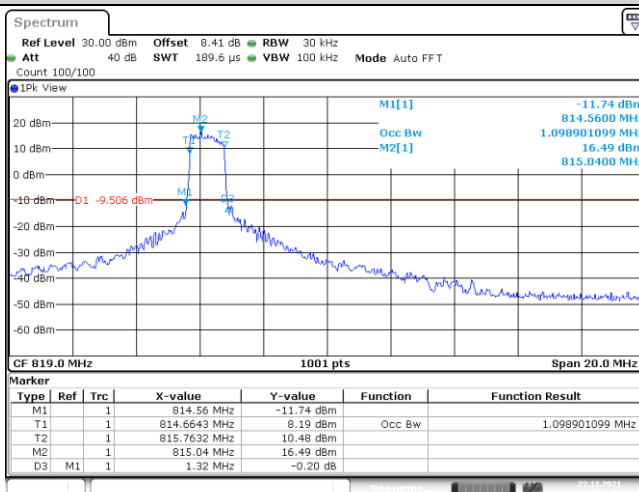
Band26-5MHz-QPSK-26740-6-0-Low-1.109-1.300-PASS



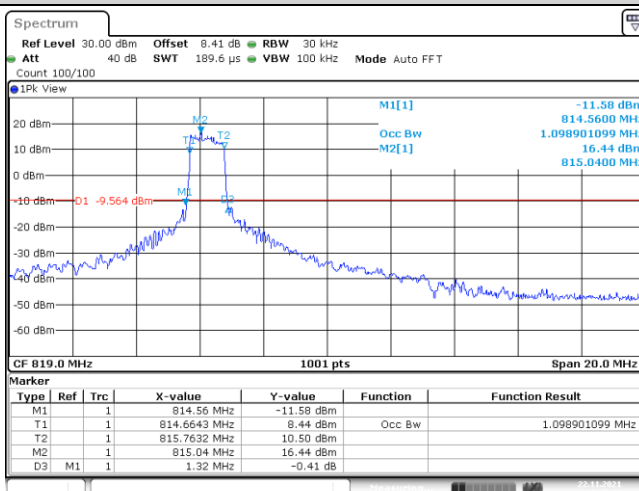
Band26-5MHz-16QAM-26740-6-0-Low-1.109-1.300-PASS



Band26-10MHz-QPSK-26740-6-0-Low-1.099-1.320-PASS



Band26-10MHz-16QAM-26740-6-0-Low-1.099-1.320-PASS



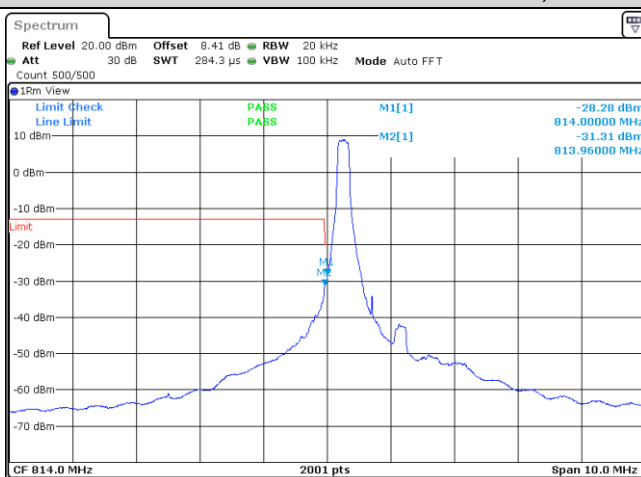
## APPENDIX H.4: BAND EDGE FOR M1

### Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Result(dBm)	Verdict
Band26	1.4MHz	26697	QPSK	1	0	Low	-28.28,-31.31	PASS
Band26	1.4MHz	26697	QPSK	6	0	Low	-34.72,-38.06	PASS
Band26	1.4MHz	26783	QPSK	1	5	Low	-28.31,-31.23	PASS
Band26	1.4MHz	26783	QPSK	6	0	Low	-35.48,-37.80	PASS
Band26	1.4MHz	26697	16QAM	1	0	Low	-29.18,-33.47	PASS
Band26	1.4MHz	26697	16QAM	6	0	Low	-35.05,-37.67	PASS
Band26	1.4MHz	26783	16QAM	1	5	Low	-29.56,-32.25	PASS
Band26	1.4MHz	26783	16QAM	6	0	Low	-34.40,-36.25	PASS

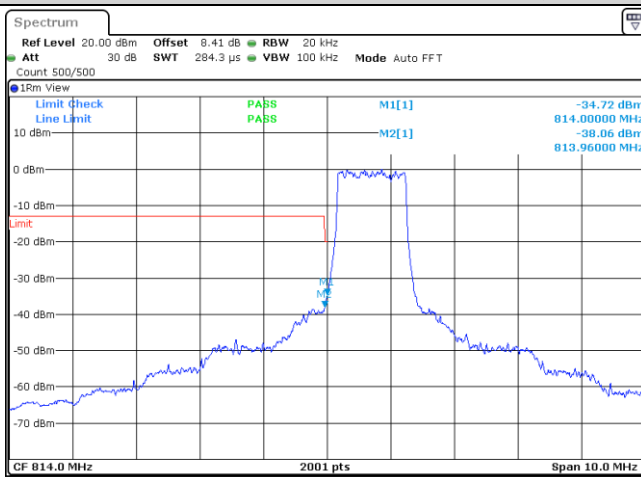
### Test Graphs

Band26-1.4MHz-QPSK-26697-1-0-Low--28.28,-31.31-PASS



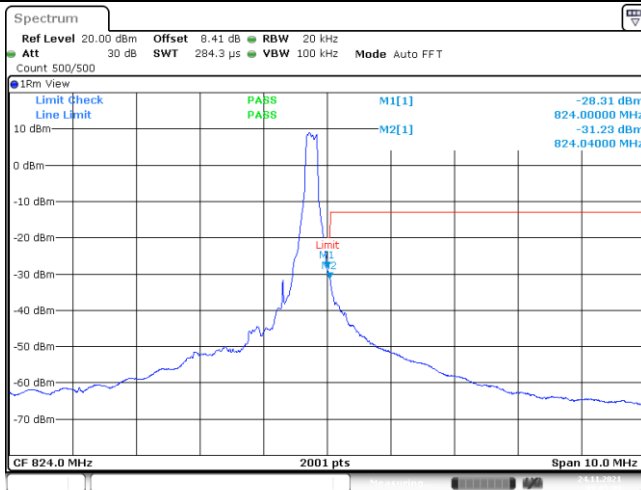
Date: 24.NOV.2021 09:03:15

Band26-1.4MHz-QPSK-26697-6-0-Low--34.72,-38.06-PASS



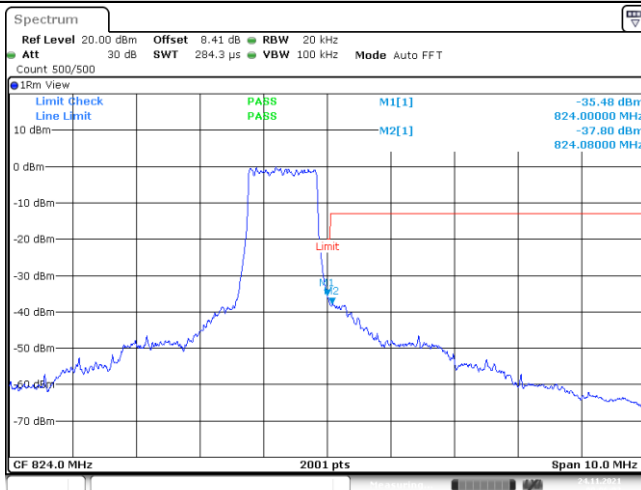
Date: 24.NOV.2021 09:04:09

Band26-1.4MHz-QPSK-26783-1-5-Low--28.31,-31.23-PASS



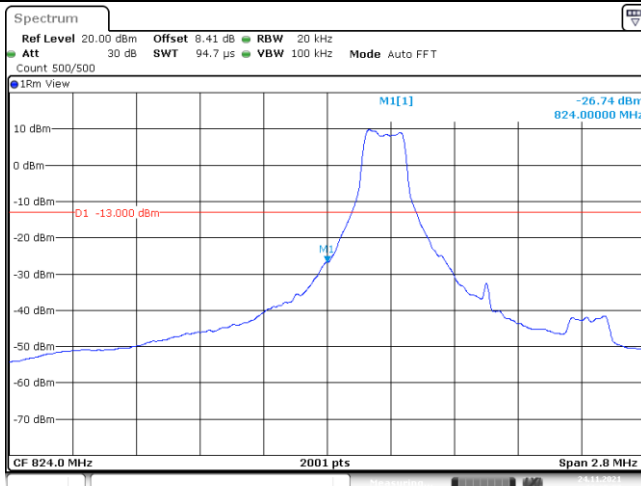
Date: 24.NOV.2021 09:05:08

Band26-1.4MHz-QPSK-26783-6-0-Low--35.48,-37.80-PASS



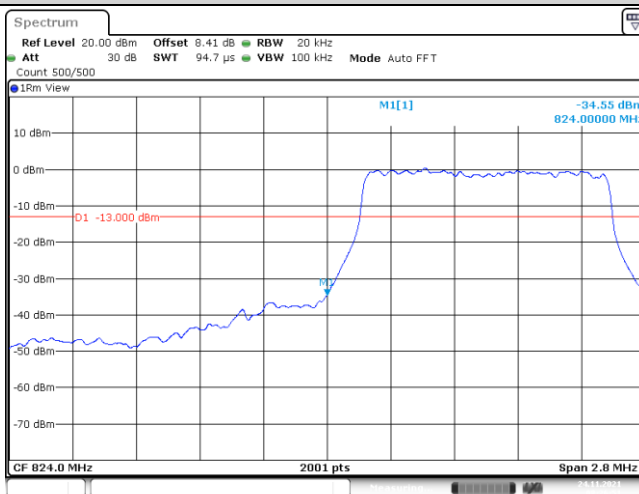
Date: 24.NOV.2021 09:06:02

Band26-1.4MHz-QPSK-26797-1-0-Low--26.74-PASS



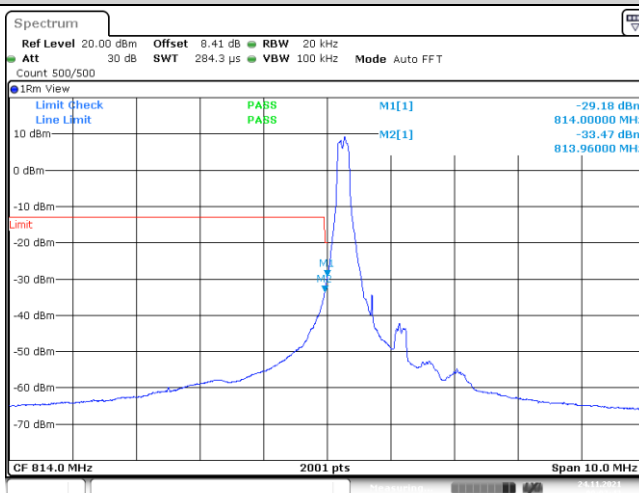
Date: 24.NOV.2021 08:25:57

Band26-1.4MHz-QPSK-26797-6-0-Low--34.55-PASS



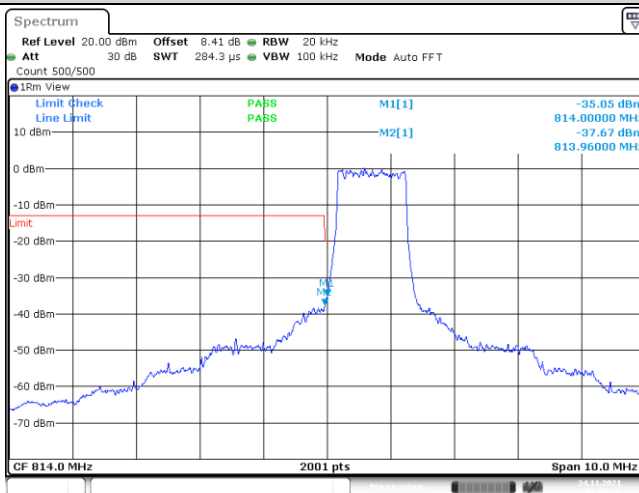
Date: 24.NOV.2021 08:26:51

Band26-1.4MHz-16QAM-26697-1-0-Low--29.18,-33.47-PASS



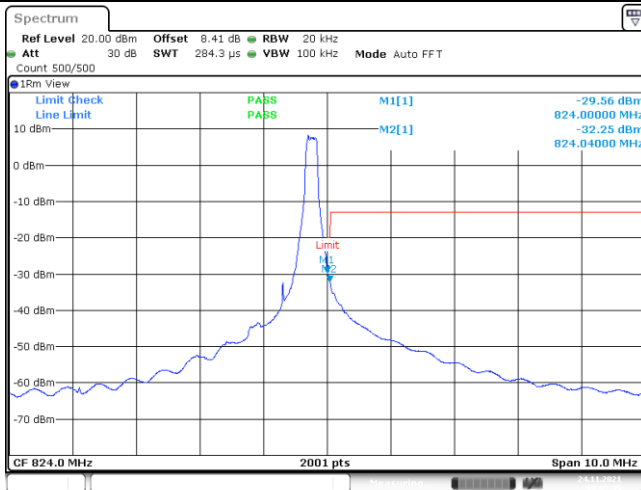
Date: 24.NOV.2021 09:03:42

Band26-1.4MHz-16QAM-26697-6-0-Low--35.05,-37.67-PASS

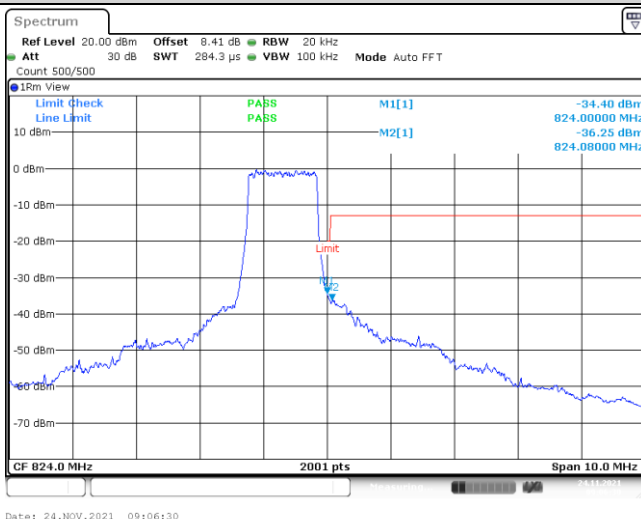


Date: 24.NOV.2021 09:04:36

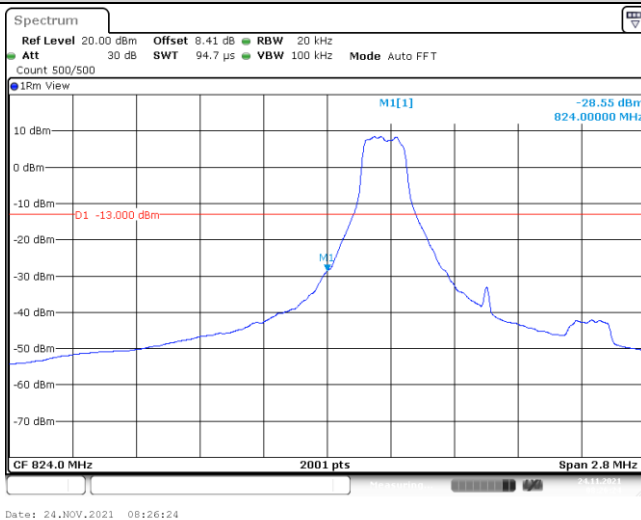
Band26-1.4MHz-16QAM-26783-1-5-Low--29.56,-32.25-PASS



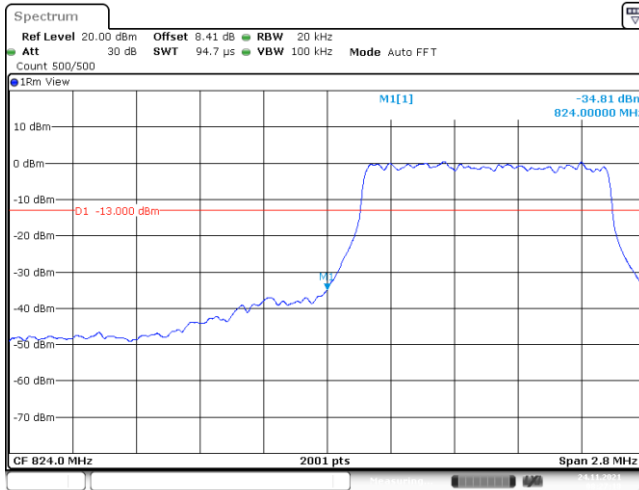
Band26-1.4MHz-16QAM-26783-6-0-Low--34.40,-36.25-PASS



Band26-1.4MHz-16QAM-26797-1-0-Low--28.55-PASS



Band26-1.4MHz-16QAM-26797-6-0-Low--34.81-PASS



Date: 24.NOV.2021 08:27:18

## APPENDIX H.5: CONDUCTED SPURIOUS EMISSION FOR M1

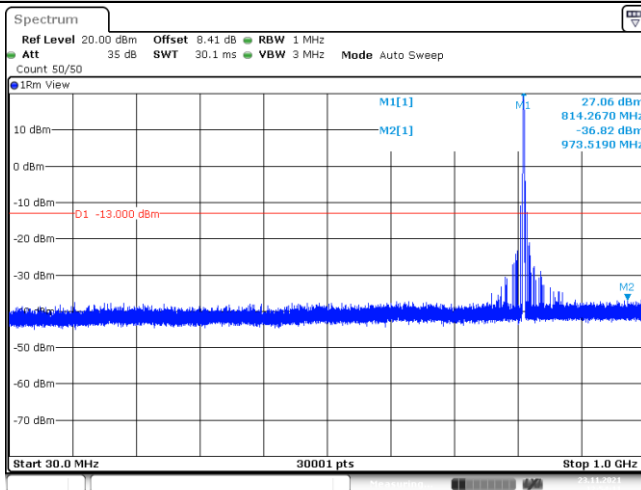
### Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	Index	Start Freq	Stop Freq	Result (dBm)	Verdict
Band26	1.4MHz	26697	QPSK	1	0	Low	30	1000	-36.82	PASS
Band26	1.4MHz	26697	QPSK	1	0	Low	1000	5000	-40.71	PASS
Band26	1.4MHz	26697	QPSK	1	0	Low	5000	12000	-54.42	PASS
Band26	1.4MHz	26697	QPSK	1	0	Low	12000	26500	-50.66	PASS
Band26	1.4MHz	26697	QPSK	6	0	Low	30	1000	-36.48	PASS
Band26	1.4MHz	26697	QPSK	6	0	Low	1000	5000	-41.32	PASS
Band26	1.4MHz	26697	QPSK	6	0	Low	5000	12000	-54.35	PASS
Band26	1.4MHz	26697	QPSK	6	0	Low	12000	26500	-50.62	PASS
Band26	1.4MHz	26740	QPSK	1	0	Low	30	1000	-36.63	PASS
Band26	1.4MHz	26740	QPSK	1	0	Low	1000	5000	-40.66	PASS
Band26	1.4MHz	26740	QPSK	1	0	Low	5000	12000	-54.39	PASS
Band26	1.4MHz	26740	QPSK	1	0	Low	12000	26500	-50.5	PASS
Band26	1.4MHz	26740	QPSK	6	0	Low	30	1000	-36.2	PASS
Band26	1.4MHz	26740	QPSK	6	0	Low	1000	5000	-41.3	PASS
Band26	1.4MHz	26740	QPSK	6	0	Low	5000	12000	-54.41	PASS
Band26	1.4MHz	26740	QPSK	6	0	Low	12000	26500	-50.72	PASS
Band26	1.4MHz	26783	QPSK	1	5	Low	30	1000	-35.9	PASS
Band26	1.4MHz	26783	QPSK	1	5	Low	1000	5000	-41.47	PASS
Band26	1.4MHz	26783	QPSK	1	5	Low	5000	12000	-54.44	PASS
Band26	1.4MHz	26783	QPSK	1	5	Low	12000	26500	-50.56	PASS
Band26	1.4MHz	26783	QPSK	6	0	Low	30	1000	-35.74	PASS
Band26	1.4MHz	26783	QPSK	6	0	Low	1000	5000	-41.32	PASS
Band26	1.4MHz	26783	QPSK	6	0	Low	5000	12000	-54.26	PASS
Band26	1.4MHz	26783	QPSK	6	0	Low	12000	26500	-50.67	PASS
Band26	1.4MHz	26697	16QAM	1	0	Low	30	1000	-35.87	PASS
Band26	1.4MHz	26697	16QAM	1	0	Low	1000	5000	-41.07	PASS
Band26	1.4MHz	26697	16QAM	1	0	Low	5000	12000	-54.49	PASS
Band26	1.4MHz	26697	16QAM	1	0	Low	12000	26500	-50.58	PASS
Band26	1.4MHz	26697	16QAM	6	0	Low	30	1000	-36.22	PASS
Band26	1.4MHz	26697	16QAM	6	0	Low	1000	5000	-41.36	PASS
Band26	1.4MHz	26697	16QAM	6	0	Low	5000	12000	-54.52	PASS
Band26	1.4MHz	26697	16QAM	6	0	Low	12000	26500	-50.5	PASS
Band26	1.4MHz	26740	16QAM	1	0	Low	30	1000	-36.07	PASS
Band26	1.4MHz	26740	16QAM	1	0	Low	1000	5000	-41.39	PASS
Band26	1.4MHz	26740	16QAM	1	0	Low	5000	12000	-54.47	PASS
Band26	1.4MHz	26740	16QAM	1	0	Low	12000	26500	-50.42	PASS
Band26	1.4MHz	26740	16QAM	6	0	Low	30	1000	-36.47	PASS
Band26	1.4MHz	26740	16QAM	6	0	Low	1000	5000	-41.4	PASS
Band26	1.4MHz	26740	16QAM	6	0	Low	5000	12000	-54.38	PASS
Band26	1.4MHz	26740	16QAM	6	0	Low	12000	26500	-50.55	PASS
Band26	1.4MHz	26783	16QAM	1	5	Low	30	1000	-36.35	PASS
Band26	1.4MHz	26783	16QAM	1	5	Low	1000	5000	-41.38	PASS
Band26	1.4MHz	26783	16QAM	1	5	Low	5000	12000	-54.31	PASS
Band26	1.4MHz	26783	16QAM	1	5	Low	12000	26500	-50.67	PASS
Band26	1.4MHz	26783	16QAM	6	0	Low	30	1000	-36.38	PASS
Band26	1.4MHz	26783	16QAM	6	0	Low	1000	5000	-41.34	PASS
Band26	1.4MHz	26783	16QAM	6	0	Low	5000	12000	-54.57	PASS
Band26	1.4MHz	26783	16QAM	6	0	Low	12000	26500	-50.71	PASS



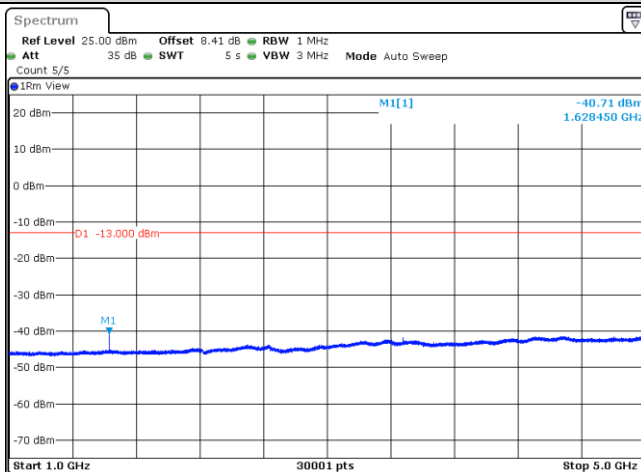
### Test Graphs

Band26-1.4MHz-QPSK-26697-1-0-Low-30-1000--36.82-PASS



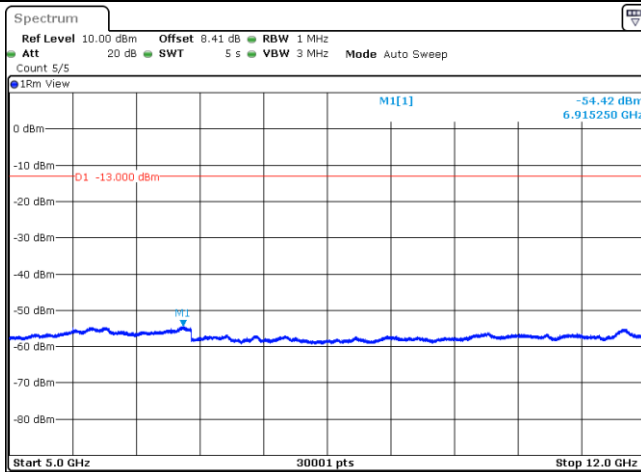
Date: 23.NOV.2021 12:54:11

Band26-1.4MHz-QPSK-26697-1-0-Low-1000-5000--40.71-PASS



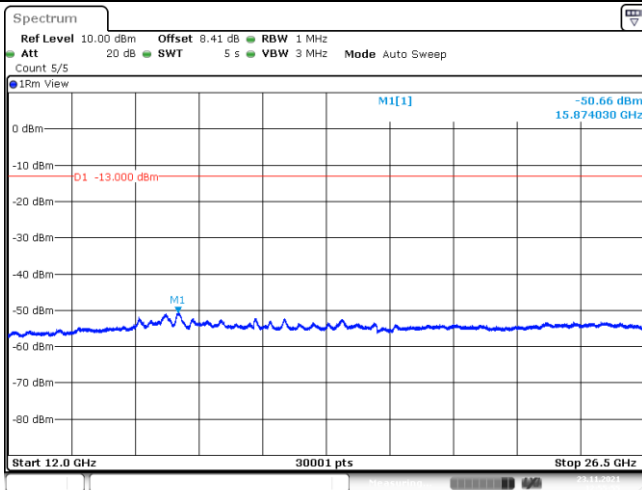
Date: 23.NOV.2021 12:54:46

Band26-1.4MHz-QPSK-26697-1-0-Low-5000-12000--54.42-PASS



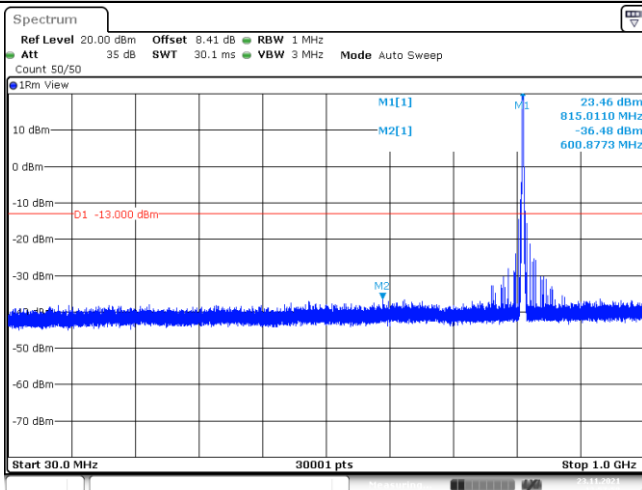
Date: 23.NOV.2021 12:55:21

Band26-1.4MHz-QPSK-26697-1-0-Low-12000-26500--50.66-PASS



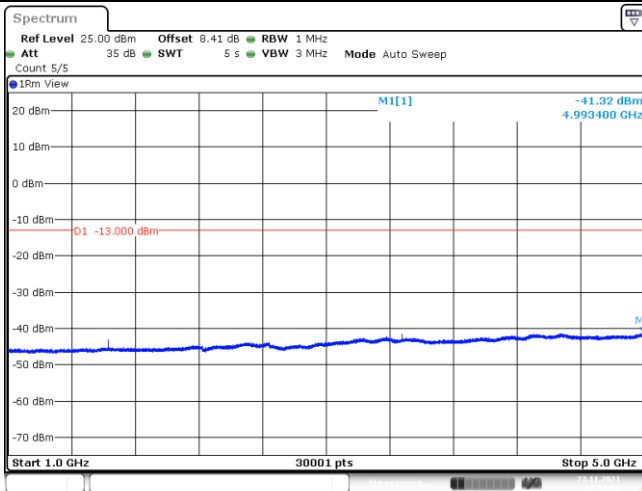
Date: 23.NOV.2021 12:55:55

Band26-1.4MHz-QPSK-26697-6-0-Low-30-1000--36.48-PASS



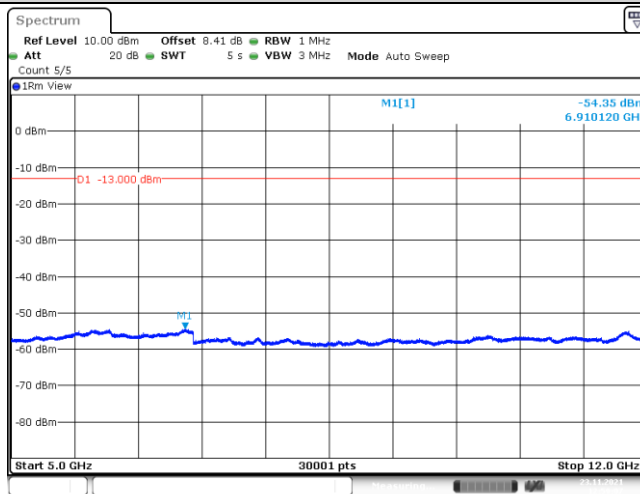
Date: 23.NOV.2021 12:57:58

Band26-1.4MHz-QPSK-26697-6-0-Low-1000-5000--41.32-PASS



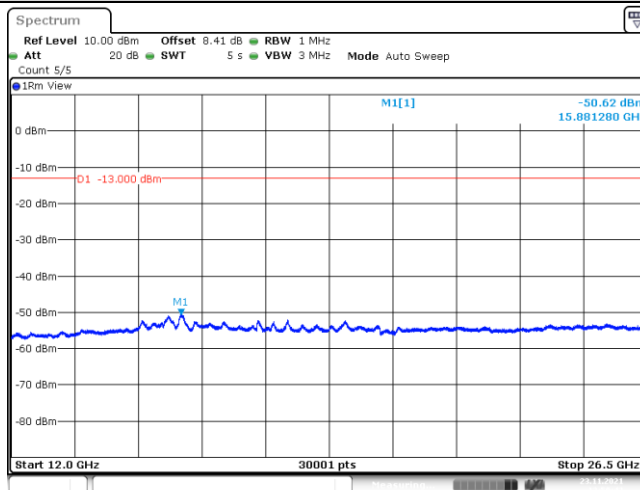
Date: 23.NOV.2021 12:58:32

Band26-1.4MHz-QPSK-26697-6-0-Low-5000-12000--54.35-PASS



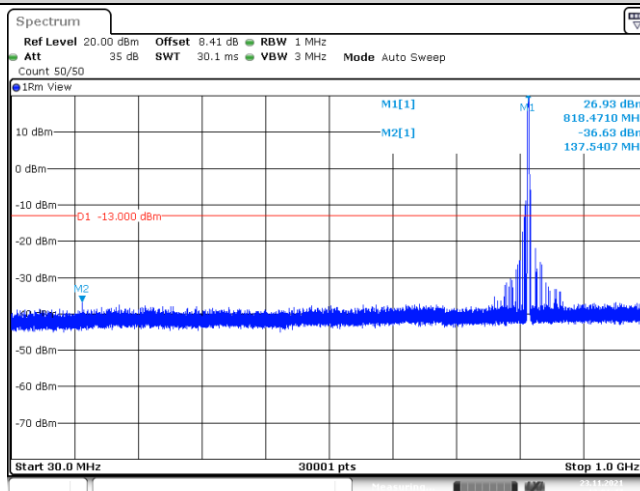
Date: 23.NOV.2021 12:59:07

Band26-1.4MHz-QPSK-26697-6-0-Low-12000-26500--50.62-PASS



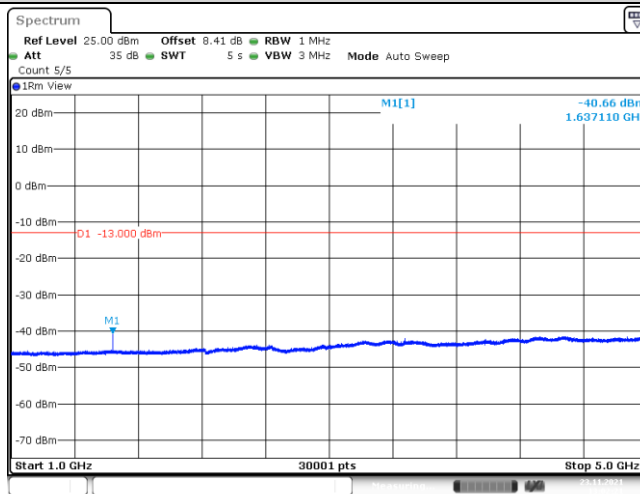
Date: 23.NOV.2021 12:59:42

Band26-1.4MHz-QPSK-26740-1-0-Low-30-1000--36.63-PASS



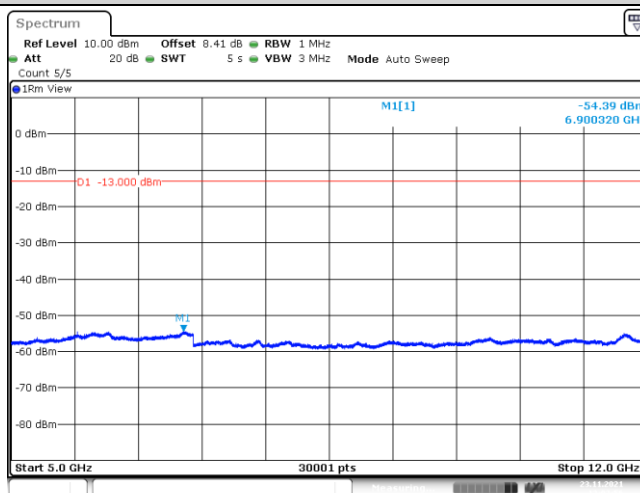
Date: 23.NOV.2021 13:01:47

Band26-1.4MHz-QPSK-26740-1-0-Low-1000-5000--40.66-PASS



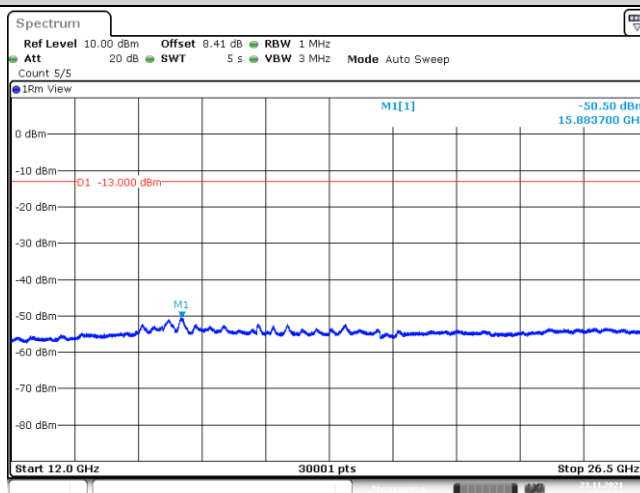
Date: 23.NOV.2021 13:02:22

Band26-1.4MHz-QPSK-26740-1-0-Low-5000-12000--54.39-PASS



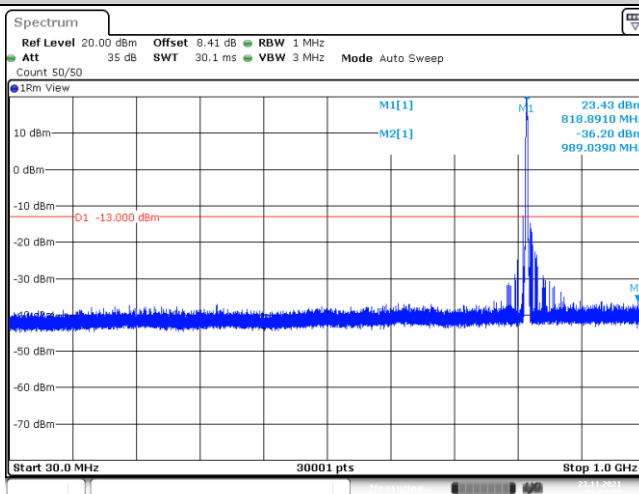
Date: 23.NOV.2021 13:02:56

Band26-1.4MHz-QPSK-26740-1-0-Low-12000-26500--50.5-PASS



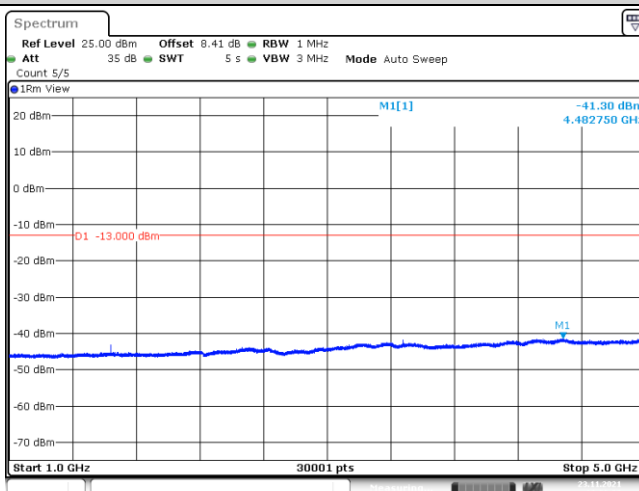
Date: 23.NOV.2021 13:03:31

Band26-1.4MHz-QPSK-26740-6-0-Low-30-1000--36.2-PASS



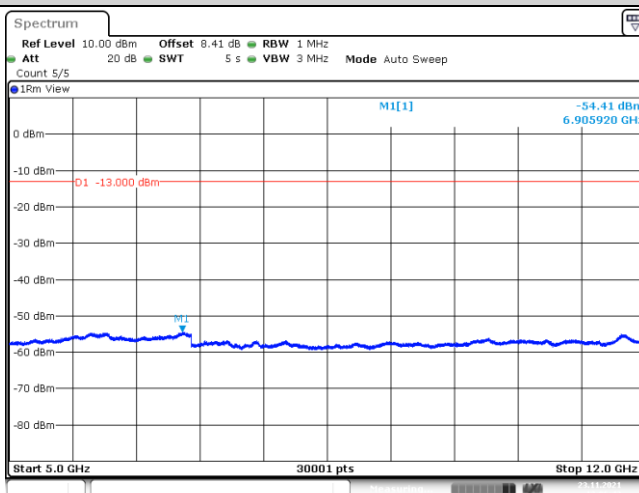
Date: 23.NOV.2021 13:05:34

Band26-1.4MHz-QPSK-26740-6-0-Low-1000-5000--41.3-PASS



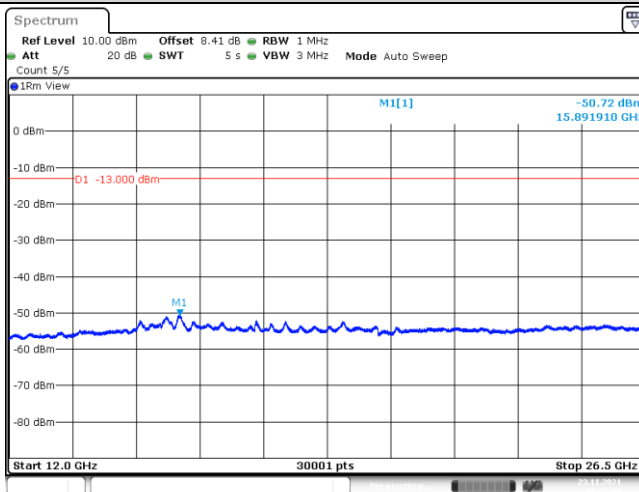
Date: 23.NOV.2021 13:06:08

Band26-1.4MHz-QPSK-26740-6-0-Low-5000-12000--54.41-PASS



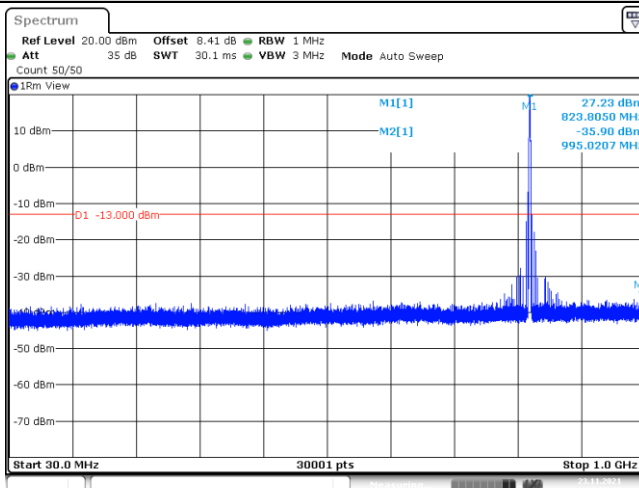
Date: 23.NOV.2021 13:06:43

Band26-1.4MHz-QPSK-26740-6-0-Low-12000-26500--50.72-PASS



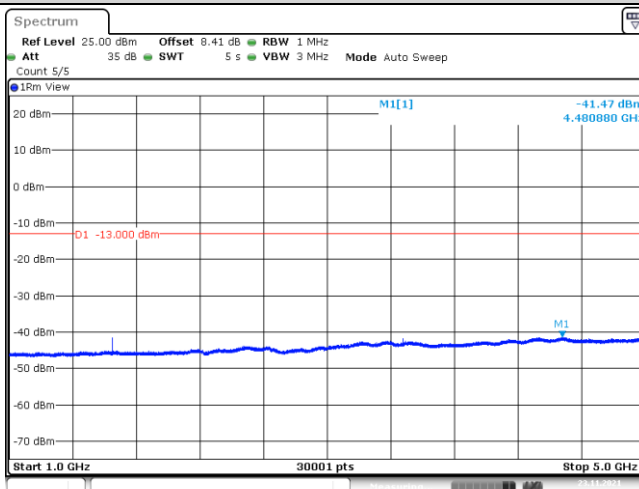
Date: 23.NOV.2021 13:07:18

Band26-1.4MHz-QPSK-26783-1-5-Low-30-1000--35.9-PASS



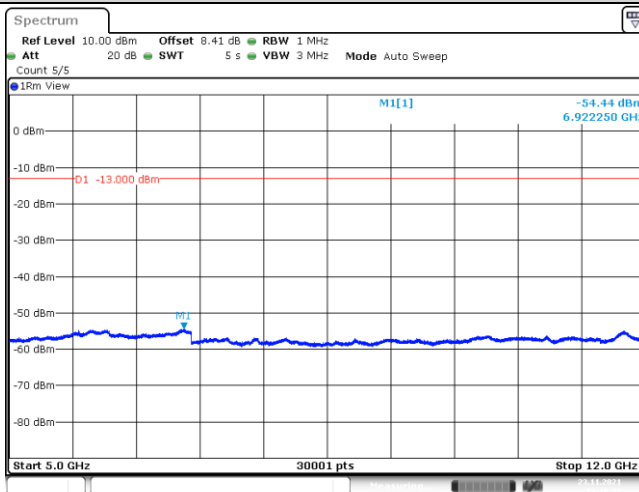
Date: 23.NOV.2021 13:09:23

Band26-1.4MHz-QPSK-26783-1-5-Low-1000-5000--41.47-PASS



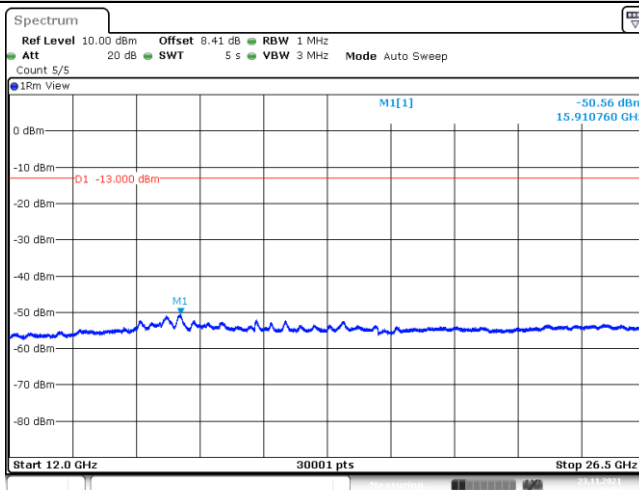
Date: 23.NOV.2021 13:09:58

Band26-1.4MHz-QPSK-26783-1-5-Low-5000-12000--54.44-PASS



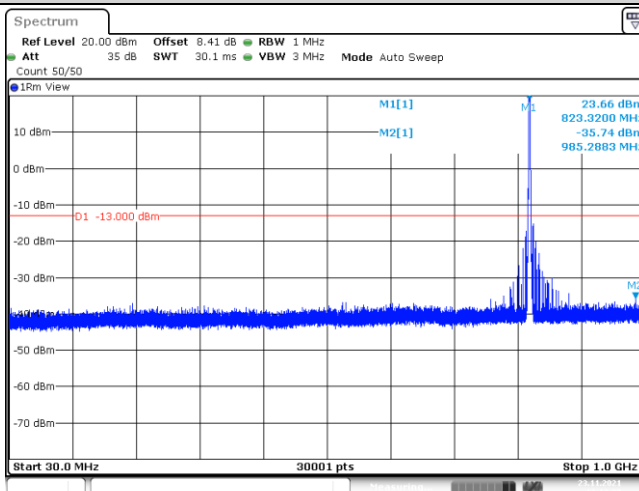
Date: 23.NOV.2021 13:10:32

Band26-1.4MHz-QPSK-26783-1-5-Low-12000-26500--50.56-PASS



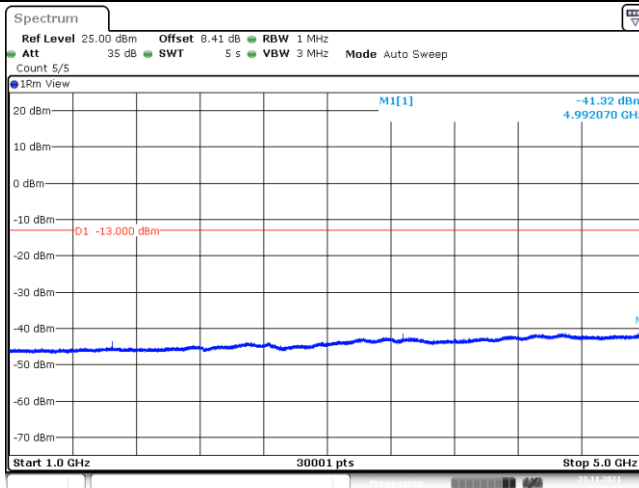
Date: 23.NOV.2021 13:11:07

Band26-1.4MHz-QPSK-26783-6-0-Low-30-1000--35.74-PASS



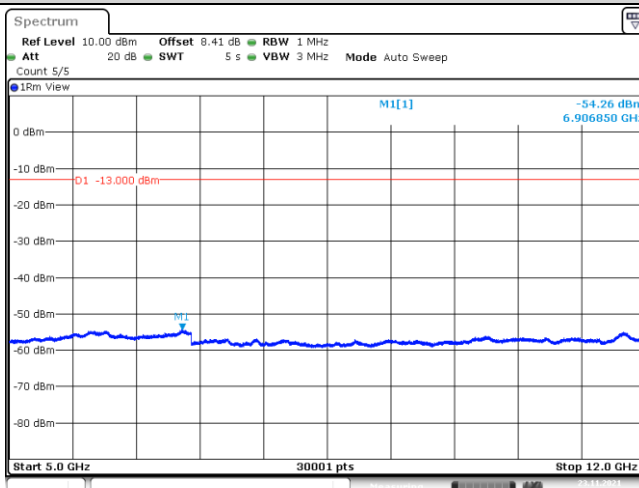
Date: 23.NOV.2021 13:13:10

Band26-1.4MHz-QPSK-26783-6-0-Low-1000-5000--41.32-PASS



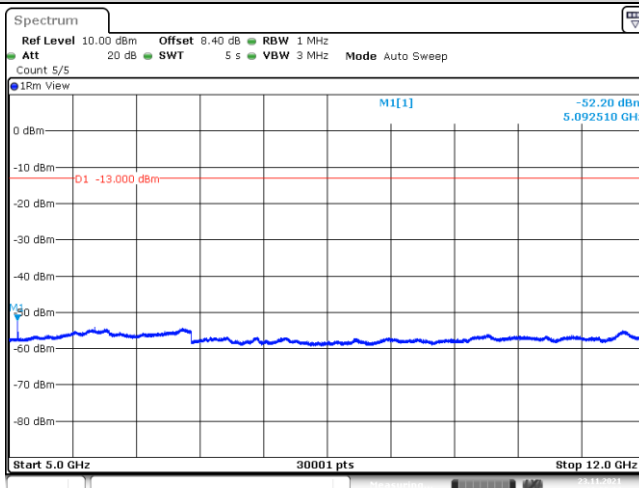
Date: 23.NOV.2021 13:13:45

Band26-1.4MHz-QPSK-26783-6-0-Low-5000-12000--54.26-PASS



Date: 23.NOV.2021 13:14:19

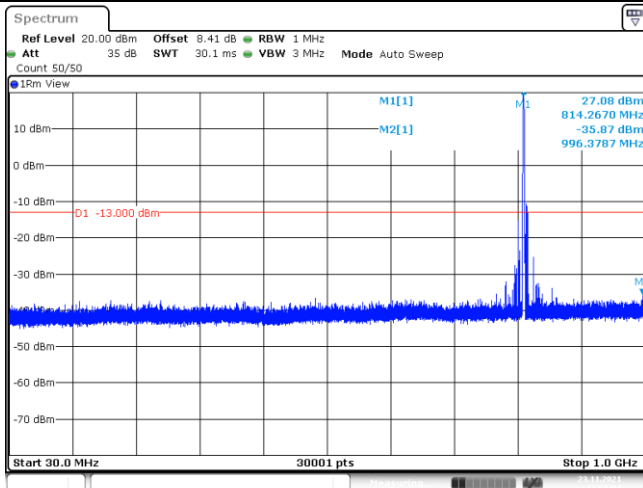
Band26-1.4MHz-QPSK-26783-6-0-Low-12000-26500--50.67-PASS



Date: 23.NOV.2021 19:00:24

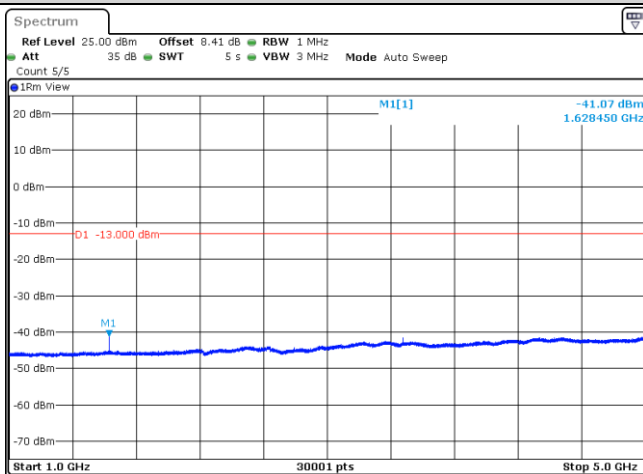


Band26-1.4MHz-16QAM-26697-1-0-Low-30-1000--35.87-PASS



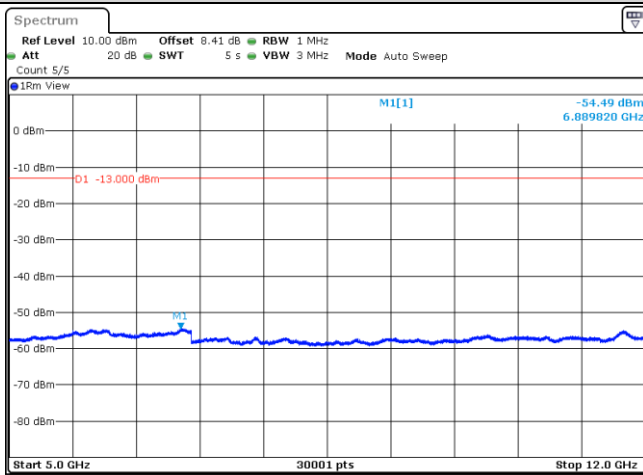
Date: 23.NOV.2021 12:56:04

Band26-1.4MHz-16QAM-26697-1-0-Low-1000-5000--41.07-PASS



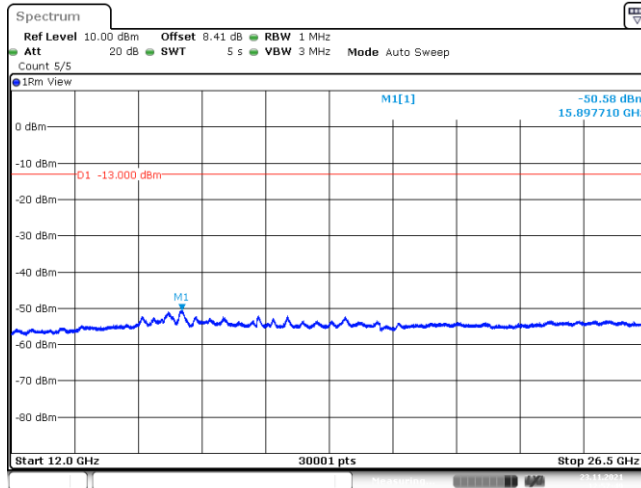
Date: 23.NOV.2021 12:56:39

Band26-1.4MHz-16QAM-26697-1-0-Low-5000-12000--54.49-PASS



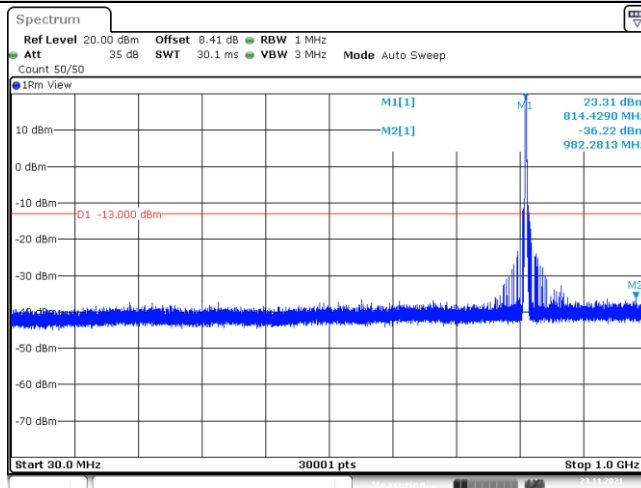
Date: 23.NOV.2021 12:57:14

Band26-1.4MHz-16QAM-26697-1-0-Low-12000-26500--50.58-PASS



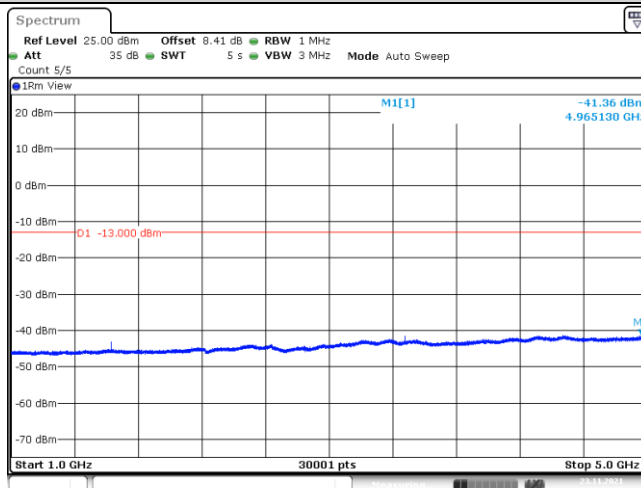
Date: 23.NOV.2021 12:57:49

Band26-1.4MHz-16QAM-26697-6-0-Low-30-1000--36.22-PASS



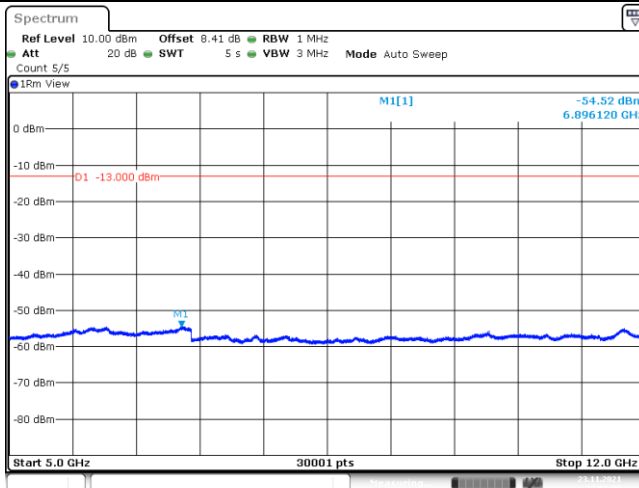
Date: 23.NOV.2021 12:59:51

Band26-1.4MHz-16QAM-26697-6-0-Low-1000-5000--41.36-PASS



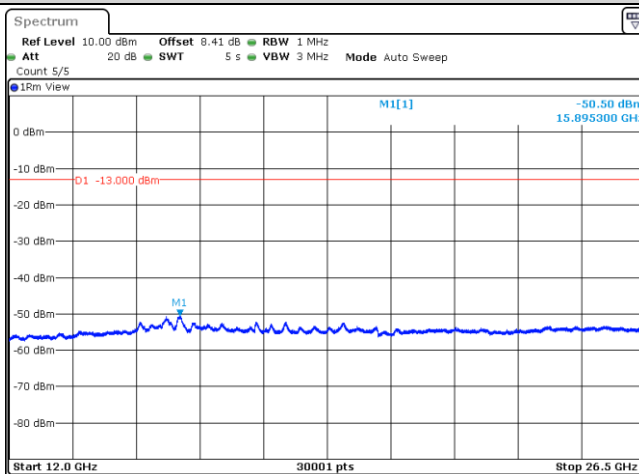
Date: 23.NOV.2021 13:00:26

Band26-1.4MHz-16QAM-26697-6-0-Low-5000-12000--54.52-PASS



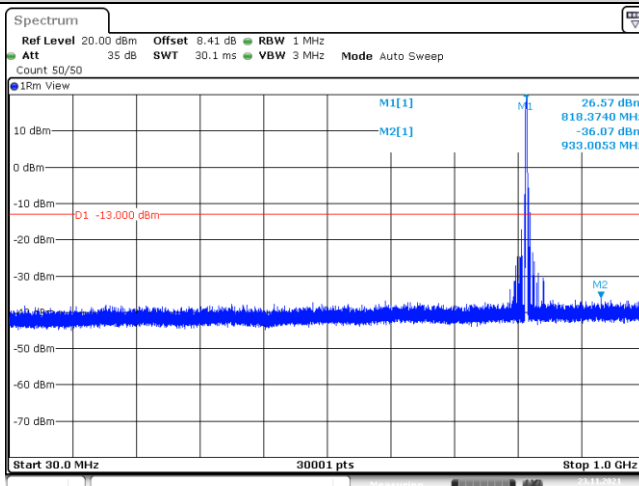
Date: 23.NOV.2021 13:01:00

Band26-1.4MHz-16QAM-26697-6-0-Low-12000-26500--50.5-PASS



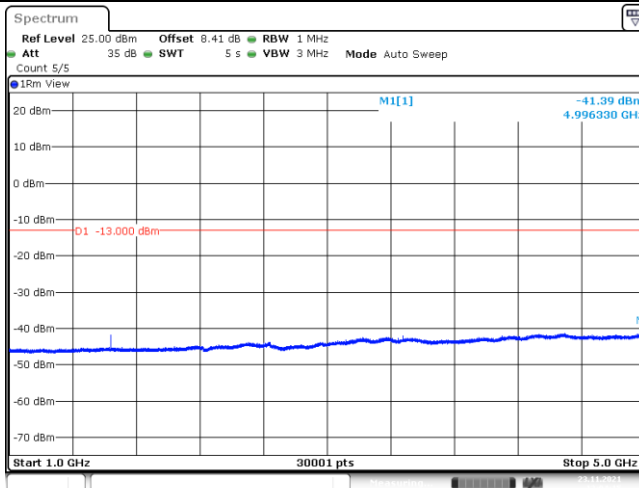
Date: 23.NOV.2021 13:01:35

Band26-1.4MHz-16QAM-26740-1-0-Low-30-1000--36.07-PASS



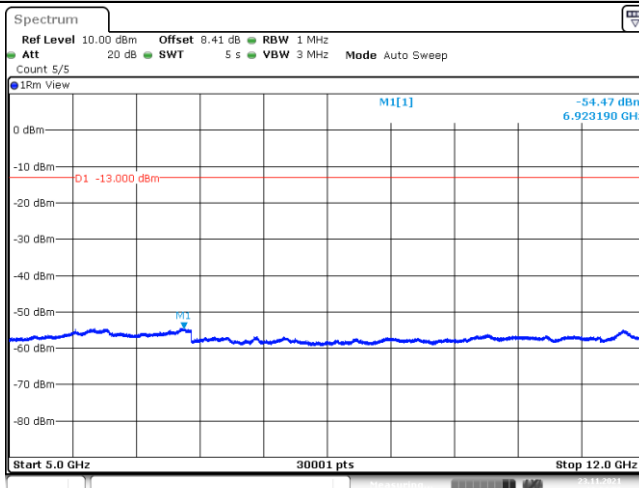
Date: 23.NOV.2021 13:03:40

Band26-1.4MHz-16QAM-26740-1-0-Low-1000-5000--41.39-PASS



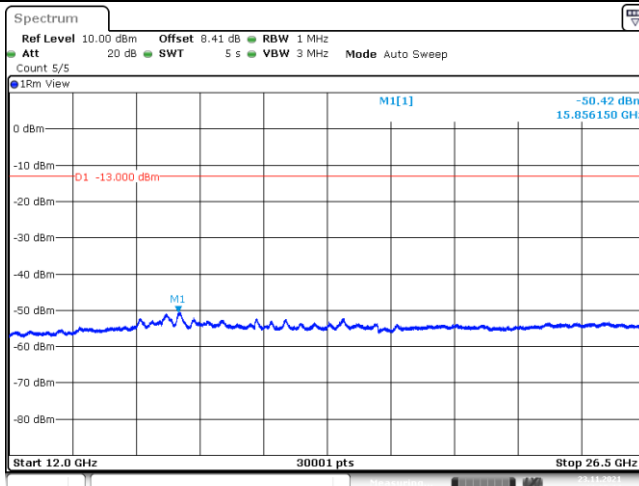
Date: 23.NOV.2021 13:04:15

Band26-1.4MHz-16QAM-26740-1-0-Low-5000-12000--54.47-PASS



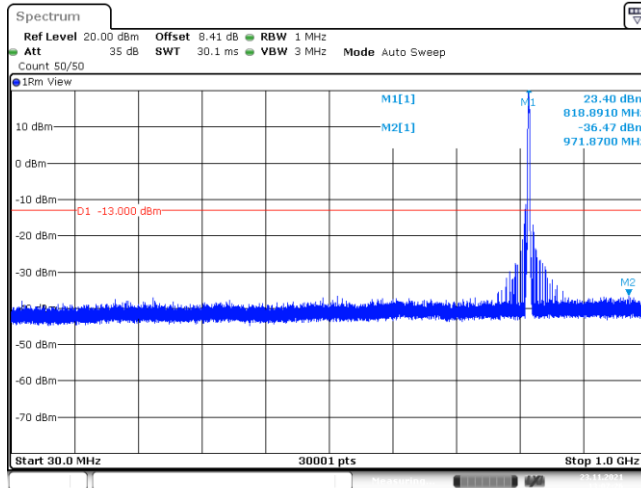
Date: 23.NOV.2021 13:04:50

Band26-1.4MHz-16QAM-26740-1-0-Low-12000-26500--50.42-PASS

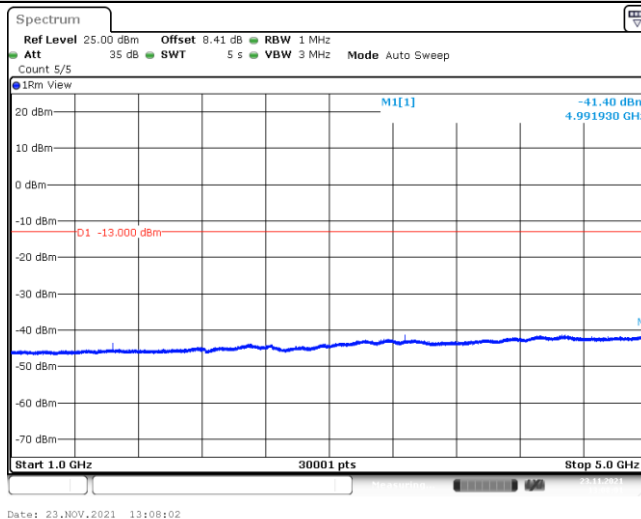


Date: 23.NOV.2021 13:05:25

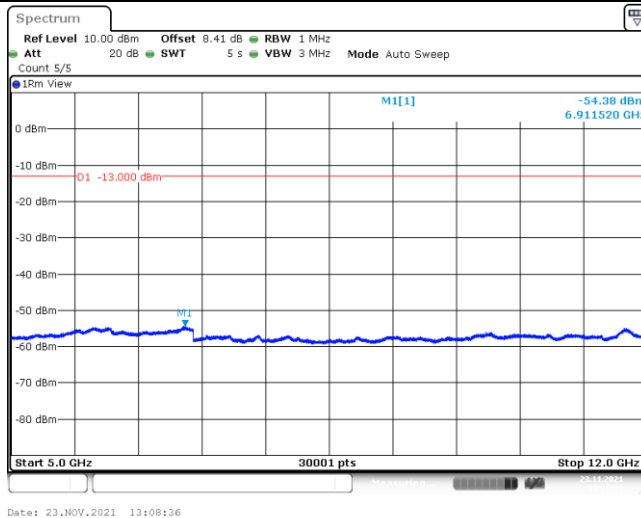
Band26-1.4MHz-16QAM-26740-6-0-Low-30-1000--36.47-PASS



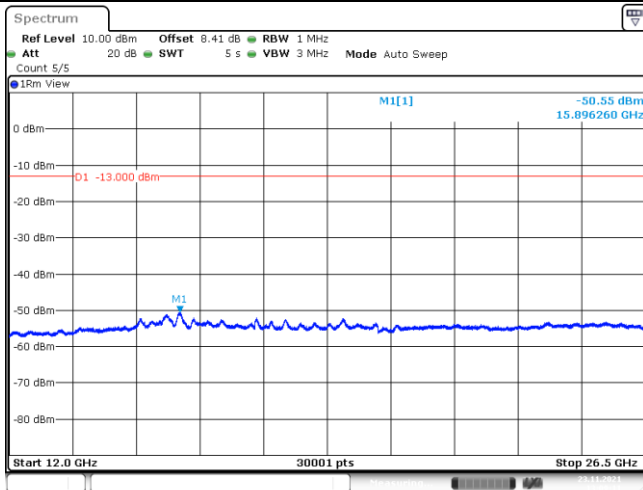
Band26-1.4MHz-16QAM-26740-6-0-Low-1000-5000--41.4-PASS



Band26-1.4MHz-16QAM-26740-6-0-Low-5000-12000--54.38-PASS

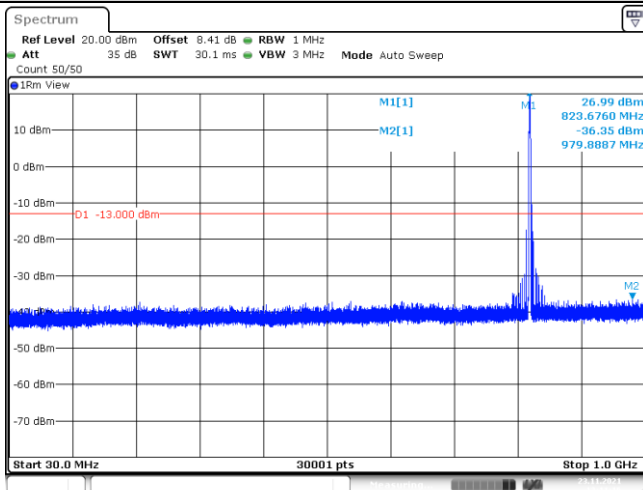


Band26-1.4MHz-16QAM-26740-6-0-Low-12000-26500--50.55-PASS



Date: 23.NOV.2021 13:09:11

Band26-1.4MHz-16QAM-26783-1-5-Low-30-1000--36.35-PASS



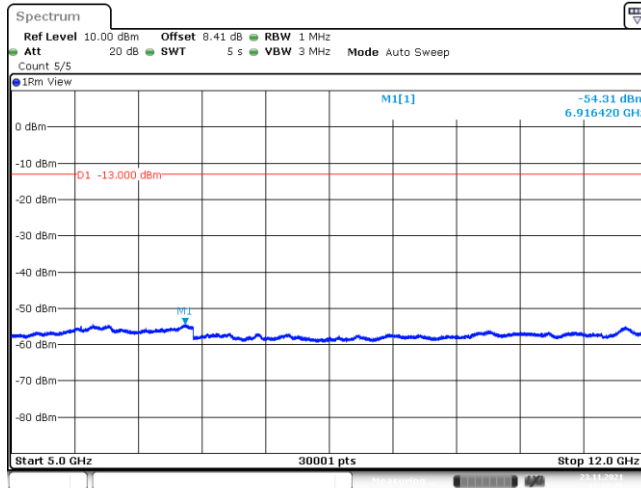
Date: 23.NOV.2021 13:11:16

Band26-1.4MHz-16QAM-26783-1-5-Low-1000-5000--41.38-PASS

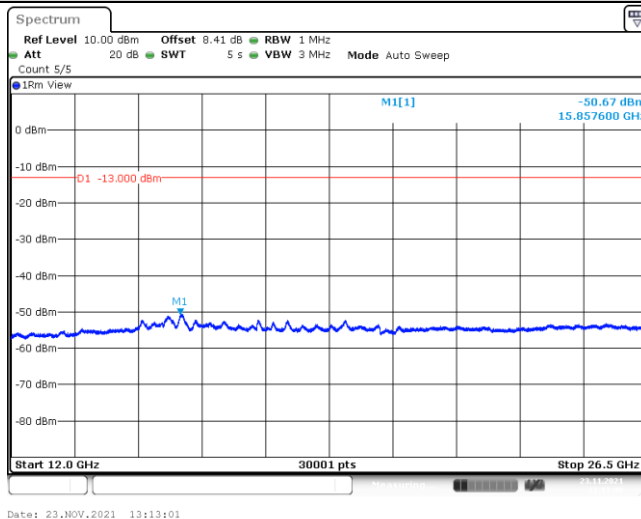


Date: 23.NOV.2021 13:11:51

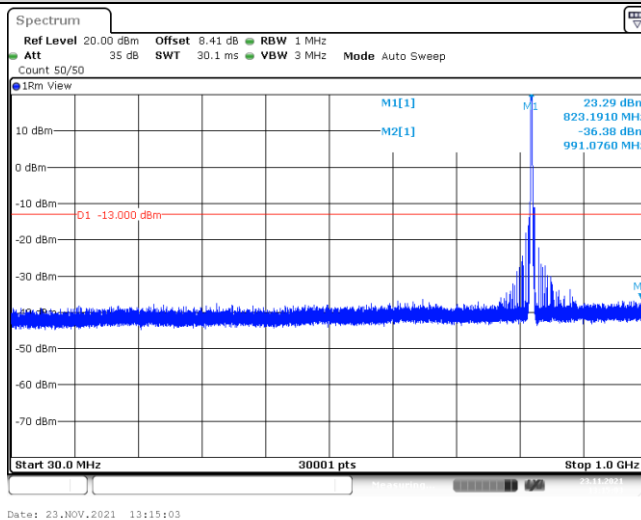
Band26-1.4MHz-16QAM-26783-1-5-Low-5000-12000--54.31-PASS



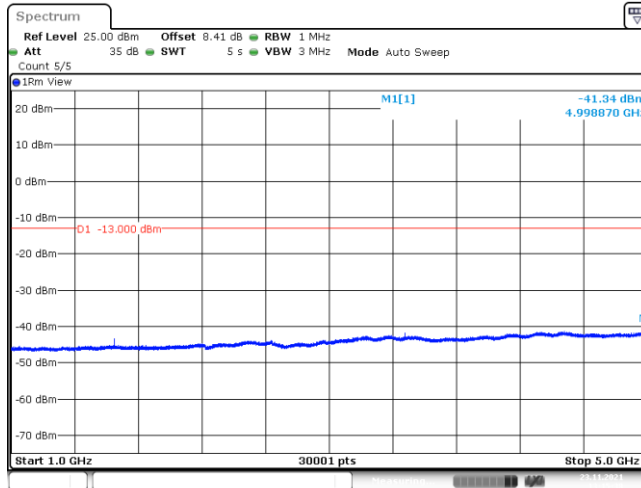
Band26-1.4MHz-16QAM-26783-1-5-Low-12000-26500--50.67-PASS



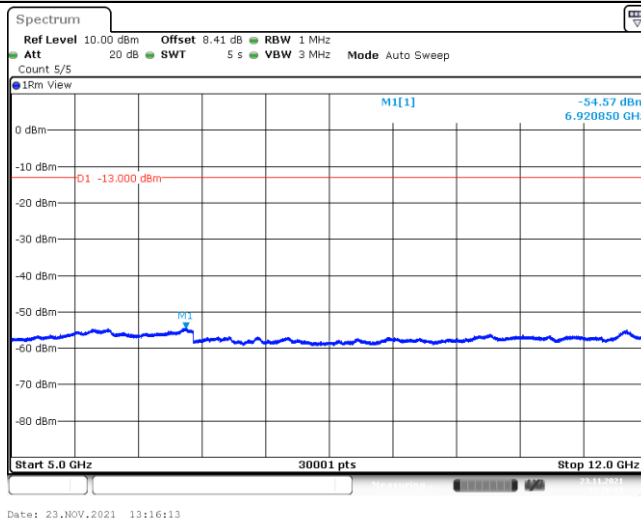
Band26-1.4MHz-16QAM-26783-6-0-Low-30-1000--36.38-PASS



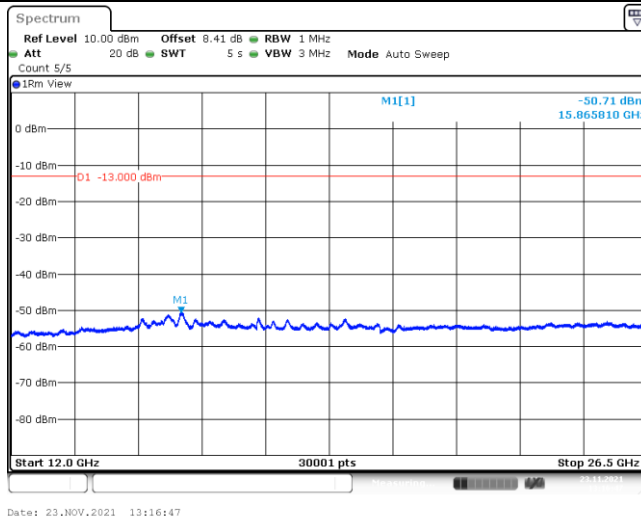
Band26-1.4MHz-16QAM-26783-6-0-Low-1000-5000--41.34-PASS



Band26-1.4MHz-16QAM-26783-6-0-Low-5000-12000--54.57-PASS



Band26-1.4MHz-16QAM-26783-6-0-Low-12000-26500--50.71-PASS





## APPENDIX H.6: FREQUENCY STABILITY FOR M1

### Test Result

Voltage												
Band	Bandwidth	Channel	Modulation	RB Size	RB Start	Index	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	1.4MHz	26740	QPSK	1	0	Low	HV	NT	-7.98	-0.009744	±2.5	PASS
Band26	1.4MHz	26740	QPSK	1	0	Low	LV	NT	-8.67	-0.010586	±2.5	PASS
Band26	1.4MHz	26740	QPSK	1	0	Low	NV	NT	-8.84	-0.010794	±2.5	PASS
Band26	1.4MHz	26740	16QAM	1	0	Low	HV	NT	-7.77	-0.009487	±2.5	PASS
Band26	1.4MHz	26740	16QAM	1	0	Low	LV	NT	-8.44	-0.010305	±2.5	PASS
Band26	1.4MHz	26740	16QAM	1	0	Low	NV	NT	-7.35	-0.008974	±2.5	PASS

Temperature												
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	Index	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	1.4MHz	26740	QPSK	1	0	Low	NV	50	-5.69	-0.00695	±2.5	PASS
Band26	1.4MHz	26740	QPSK	1	0	Low	NV	-40	-7.28	-0.00889	±2.5	PASS
Band26	1.4MHz	26740	QPSK	1	0	Low	NV	85	-7.32	-0.00894	±2.5	PASS
Band26	1.4MHz	26740	QPSK	1	0	Low	NV	80	-8.21	-0.01002	±2.5	PASS
Band26	1.4MHz	26740	QPSK	1	0	Low	NV	60	-9.46	-0.01155	±2.5	PASS
Band26	1.4MHz	26740	QPSK	1	0	Low	NV	40	-9.46	-0.01155	±2.5	PASS
Band26	1.4MHz	26740	QPSK	1	0	Low	NV	30	-8.23	-0.01005	±2.5	PASS
Band26	1.4MHz	26740	QPSK	1	0	Low	NV	20	-7.44	-0.00908	±2.5	PASS
Band26	1.4MHz	26740	QPSK	1	0	Low	NV	10	-8.24	-0.01006	±2.5	PASS
Band26	1.4MHz	26740	QPSK	1	0	Low	NV	0	-6.22	-0.00760	±2.5	PASS
Band26	1.4MHz	26740	QPSK	1	0	Low	NV	-10	-7.14	-0.00872	±2.5	PASS
Band26	1.4MHz	26740	QPSK	1	0	Low	NV	-20	-7.24	-0.00884	±2.5	PASS
Band26	1.4MHz	26740	QPSK	1	0	Low	NV	-30	-7.87	-0.00961	±2.5	PASS
Band26	1.4MHz	26740	QPSK	1	0	Low	NV	70	-7.50	-0.00916	±2.5	PASS
Band26	1.4MHz	26915	QPSK	1	0	Low	NV	0	-11.59	-0.01386	±2.5	PASS
Band26	1.4MHz	26915	QPSK	1	0	Low	NV	10	-10.03	-0.01199	±2.5	PASS
Band26	1.4MHz	26915	QPSK	1	0	Low	NV	30	-10.56	-0.01262	±2.5	PASS
Band26	1.4MHz	26915	QPSK	1	0	Low	NV	40	-9.18	-0.01097	±2.5	PASS
Band26	1.4MHz	26915	QPSK	1	0	Low	NV	60	-8.51	-0.01017	±2.5	PASS
Band26	1.4MHz	26740	16QAM	1	0	Low	NV	20	-8.40	-0.01026	±2.5	PASS
Band26	1.4MHz	26740	16QAM	1	0	Low	NV	-40	-7.40	-0.00904	±2.5	PASS
Band26	1.4MHz	26740	16QAM	1	0	Low	NV	-30	-8.70	-0.01062	±2.5	PASS
Band26	1.4MHz	26740	16QAM	1	0	Low	NV	-20	-8.31	-0.01015	±2.5	PASS
Band26	1.4MHz	26740	16QAM	1	0	Low	NV	-10	-8.11	-0.00990	±2.5	PASS
Band26	1.4MHz	26740	16QAM	1	0	Low	NV	0	-7.01	-0.00856	±2.5	PASS
Band26	1.4MHz	26740	16QAM	1	0	Low	NV	10	-8.14	-0.00994	±2.5	PASS
Band26	1.4MHz	26740	16QAM	1	0	Low	NV	40	-7.65	-0.00934	±2.5	PASS
Band26	1.4MHz	26740	16QAM	1	0	Low	NV	50	-9.80	-0.01197	±2.5	PASS
Band26	1.4MHz	26740	16QAM	1	0	Low	NV	60	-7.57	-0.00924	±2.5	PASS
Band26	1.4MHz	26740	16QAM	1	0	Low	NV	70	-9.21	-0.01125	±2.5	PASS
Band26	1.4MHz	26740	16QAM	1	0	Low	NV	85	-9.31	-0.01137	±2.5	PASS
Band26	1.4MHz	26740	16QAM	1	0	Low	NV	30	-7.95	-0.00971	±2.5	PASS
Band26	1.4MHz	26740	16QAM	1	0	Low	NV	80	-9.37	-0.01144	±2.5	PASS