

Appendix I: Test Results of Band B26 Upper for eMTC operation

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APPENDIX I.1: RF POWER OUTPUT AND EFFECTIVE (ISOTROPIC) RADIATED POWER OUTPUT DATA FOR M1

Test Result for Band 26 Upper band (824-849MHz)

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	Index	Result (dBm)	Verdict
Band26	1.4MHz	26783	QPSK	6	0	Low	21.40	PASS
Band26	1.4MHz	26797	QPSK	1	0	Low	23.75	PASS
Band26	1.4MHz	26797	QPSK	6	0	Low	21.57	PASS
Band26	1.4MHz	26915	QPSK	1	0	Low	23.80	PASS
Band26	1.4MHz	26915	QPSK	6	0	Low	21.61	PASS
Band26	1.4MHz	27033	QPSK	1	5	Low	23.79	PASS
Band26	1.4MHz	27033	QPSK	6	0	Low	21.95	PASS
Band26	1.4MHz	26797	16QAM	1	0	Low	22.49	PASS
Band26	1.4MHz	26797	16QAM	6	0	Low	21.56	PASS
Band26	1.4MHz	26915	16QAM	1	0	Low	22.52	PASS
Band26	1.4MHz	26915	16QAM	6	0	Low	21.61	PASS
Band26	1.4MHz	27033	16QAM	1	5	Low	22.69	PASS
Band26	1.4MHz	27033	16QAM	6	0	Low	21.96	PASS
Band26	3MHz	26805	QPSK	1	0	Low	23.76	PASS
Band26	3MHz	26805	QPSK	6	0	Low	21.58	PASS
Band26	3MHz	26915	QPSK	1	0	Low	23.80	PASS
Band26	3MHz	26915	QPSK	6	0	Low	21.61	PASS
Band26	3MHz	27025	QPSK	1	5	High	23.80	PASS
Band26	3MHz	27025	QPSK	6	0	High	21.97	PASS
Band26	3MHz	26805	16QAM	1	0	Low	22.51	PASS
Band26	3MHz	26805	16QAM	6	0	Low	21.59	PASS
Band26	3MHz	26915	16QAM	1	0	Low	22.53	PASS
Band26	3MHz	26915	16QAM	6	0	Low	21.61	PASS
Band26	3MHz	27025	16QAM	1	5	High	22.68	PASS
Band26	3MHz	27025	16QAM	6	0	High	21.98	PASS
Band26	5MHz	26815	QPSK	1	0	Low	23.58	PASS
Band26	5MHz	26815	QPSK	6	0	Low	22.44	PASS
Band26	5MHz	26915	QPSK	1	0	Low	23.52	PASS
Band26	5MHz	26915	QPSK	6	0	Low	22.37	PASS
Band26	5MHz	27015	QPSK	1	5	High	23.63	PASS
Band26	5MHz	27015	QPSK	3	3	High	22.67	PASS
Band26	5MHz	26815	16QAM	1	0	Low	23.73	PASS
Band26	5MHz	26815	16QAM	6	0	Low	22.45	PASS
Band26	5MHz	26915	16QAM	1	0	Low	23.68	PASS
Band26	5MHz	26915	16QAM	6	0	Low	22.38	PASS
Band26	5MHz	27015	16QAM	1	5	High	23.81	PASS
Band26	5MHz	27015	16QAM	3	3	High	22.82	PASS
Band26	10MHz	26840	QPSK	1	0	Low	23.58	PASS
Band26	10MHz	26840	QPSK	5	0	Low	22.43	PASS
Band26	10MHz	26915	QPSK	1	0	Low	23.55	PASS

Band26	10MHz	26915	QPSK	5	0	Low	22.42	PASS
Band26	10MHz	26990	QPSK	1	5	High	23.68	PASS
Band26	10MHz	26990	QPSK	5	1	High	22.82	PASS
Band26	10MHz	26840	16QAM	1	0	Low	23.68	PASS
Band26	10MHz	26840	16QAM	5	0	Low	22.46	PASS
Band26	10MHz	26915	16QAM	1	0	Low	23.68	PASS
Band26	10MHz	26915	16QAM	5	0	Low	22.45	PASS
Band26	10MHz	26990	16QAM	1	5	High	23.82	PASS
Band26	10MHz	26990	16QAM	5	1	High	22.87	PASS
Band26	15MHz	26865	QPSK	1	0	Low	23.59	PASS
Band26	15MHz	26865	QPSK	5	0	Low	23.49	PASS
Band26	15MHz	26865	QPSK	6	0	Low	23.26	PASS
Band26	15MHz	26915	QPSK	1	0	Low	23.49	PASS
Band26	15MHz	26915	QPSK	5	0	Low	23.40	PASS
Band26	15MHz	26915	QPSK	6	0	Low	23.25	PASS
Band26	15MHz	26965	QPSK	1	5	High	23.63	PASS
Band26	15MHz	26965	QPSK	5	1	High	23.74	PASS
Band26	15MHz	26965	QPSK	6	0	High	23.67	PASS
Band26	15MHz	26865	16QAM	1	0	Low	23.77	PASS
Band26	15MHz	26865	16QAM	5	0	Low	23.62	PASS
Band26	15MHz	26865	16QAM	6	0	Low	23.26	PASS
Band26	15MHz	26915	16QAM	1	0	Low	23.67	PASS
Band26	15MHz	26915	16QAM	5	0	Low	23.51	PASS
Band26	15MHz	26915	16QAM	6	0	Low	23.25	PASS
Band26	15MHz	26965	16QAM	1	5	High	23.86	PASS
Band26	15MHz	26965	16QAM	5	1	High	23.93	PASS
Band26	15MHz	26965	16QAM	6	0	High	23.66	PASS

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

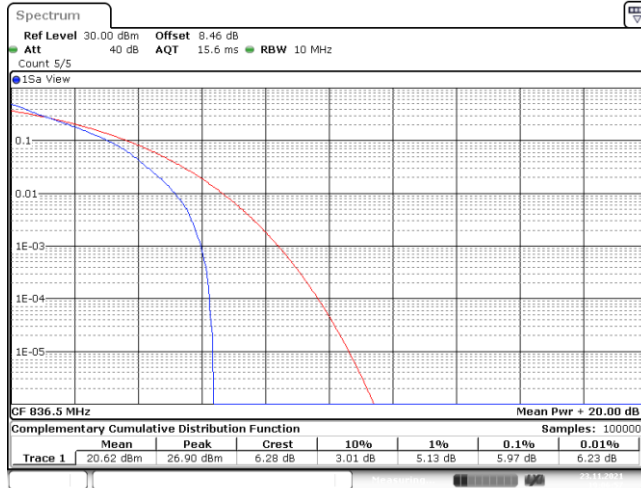
APPENDIX I.2: PEAK-TO-AVERAGE RATIO (CCDF) FOR M1

Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	Index	Result (dB)	Limit (dB)	Verdict
Band26	1.4MHz	26915	QPSK	6	0	Low	5.97	<=13	PASS
Band26	1.4MHz	26915	16QAM	6	0	Low	11.07	<=13	PASS
Band26	3MHz	26915	QPSK	6	0	Low	9.36	<=13	PASS
Band26	3MHz	26915	16QAM	6	0	Low	9.36	<=13	PASS
Band26	5MHz	26915	QPSK	6	0	Low	10.26	<=13	PASS
Band26	5MHz	26915	16QAM	6	0	Low	9.71	<=13	PASS
Band26	10MHz	26915	QPSK	6	0	Low	9.25	<=13	PASS
Band26	10MHz	26915	16QAM	6	0	Low	11.48	<=13	PASS

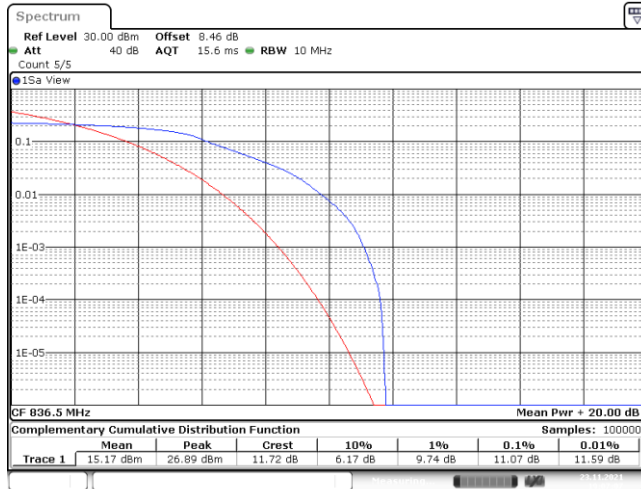
Test Graphs

Band26-1.4MHz-QPSK-26915-6-0-Low-5.97-<=13-PASS



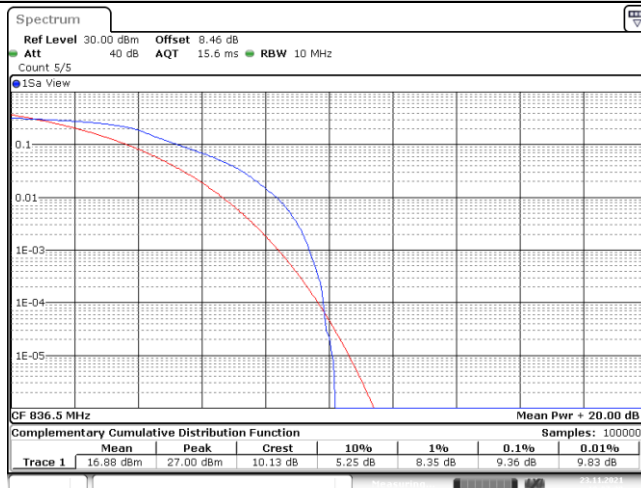
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Band26-1.4MHz-16QAM-26915-6-0-Low-11.07-<=13-PASS



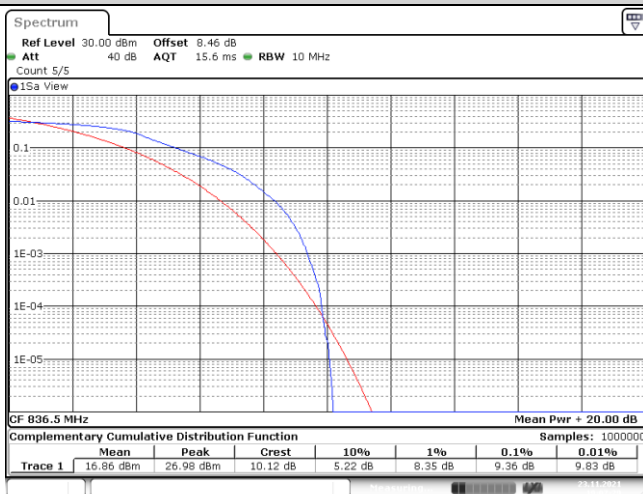
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Band26-3MHz-QPSK-26915-6-0-Low-9.36-<=13-PASS



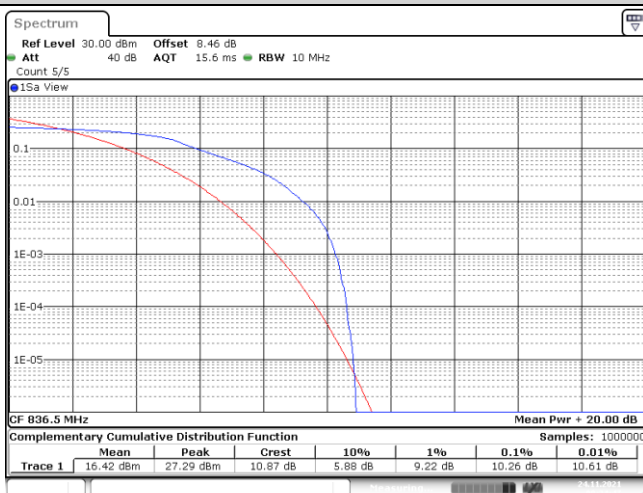
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Band26-3MHz-16QAM-26915-6-0-Low-9.36-<=13-PASS



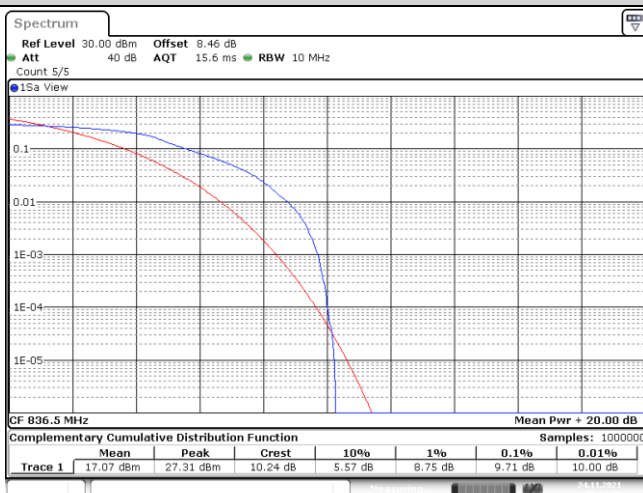
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Band26-5MHz-QPSK-26915-6-0-Low-10.26-<=13-PASS



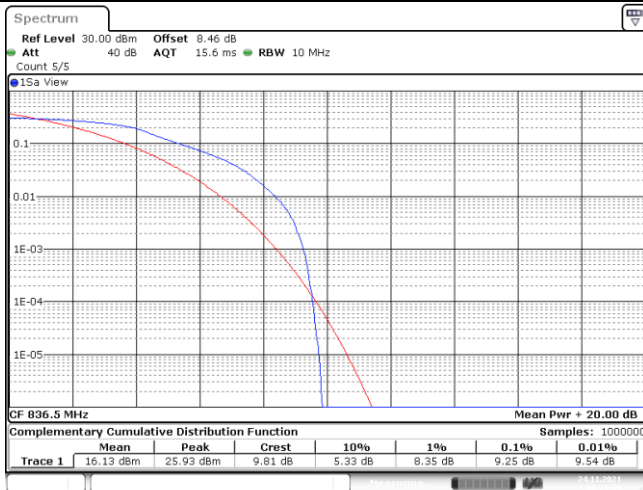
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Band26-5MHz-16QAM-26915-6-0-Low-9.71-<=13-PASS



Date: 24.NOV.2021 08:24:56

Band26-10MHz-QPSK-26915-6-0-Low-9.25-<=13-PASS



Date: 24.NOV.2021 08:25:10

Band26-10MHz-16QAM-26915-6-0-Low-11.48-<=13-PASS



Date: 24.NOV.2021 08:25:10

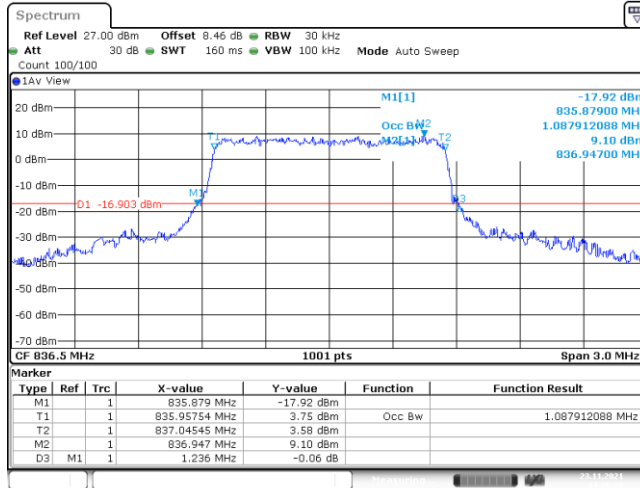
APPENDIX I.3: 26dB BANDWIDTH AND OCCUPIED BANDWIDTH FOR M1

Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	Index	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band26	1.4MHz	26915	QPSK	6	0	Low	1.088	1.236	PASS
Band26	1.4MHz	26915	16QAM	6	0	Low	1.088	1.221	PASS
Band26	3MHz	26915	QPSK	6	0	Low	1.085	1.242	PASS
Band26	3MHz	26915	16QAM	6	0	Low	1.091	1.248	PASS
Band26	5MHz	26915	QPSK	6	0	Low	1.089	1.250	PASS
Band26	5MHz	26915	16QAM	6	0	Low	1.089	1.250	PASS
Band26	10MHz	26915	QPSK	6	0	Low	1.079	1.240	PASS
Band26	10MHz	26915	16QAM	6	0	Low	1.099	1.240	PASS
Band26	15MHz	26915	QPSK	6	0	Low	1.079	1.260	PASS
Band26	15MHz	26915	16QAM	6	0	Low	1.079	1.290	PASS

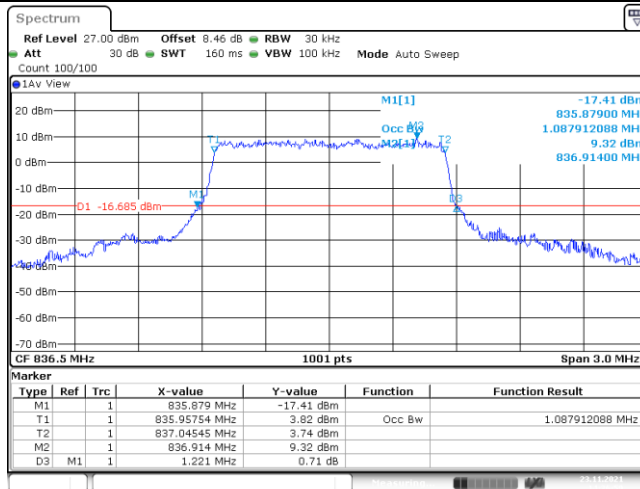
Test Graphs

Band26-1.4MHz-QPSK-26915-6-0-Low-1.088-1.236-PASS



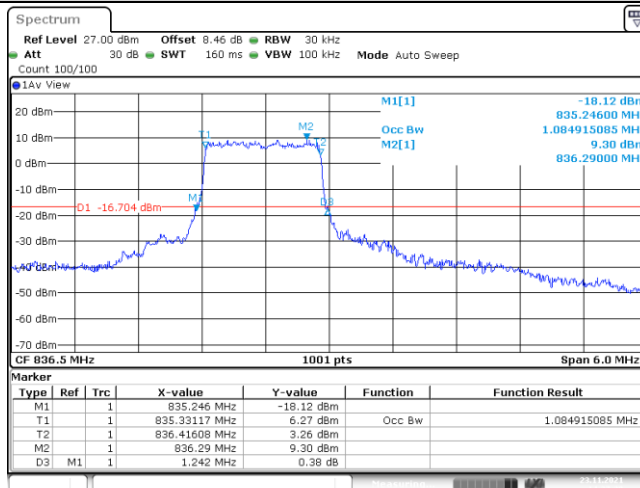
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Band26-1.4MHz-16QAM-26915-6-0-Low-1.088-1.221-PASS



Date: 23.NOV.2021 14:36:58

Band26-3MHz-QPSK-26915-6-0-Low-1.085-1.242-PASS



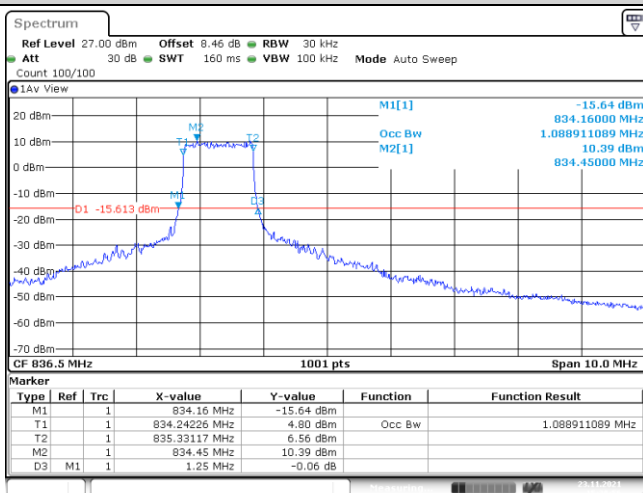
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Band26-3MHz-16QAM-26915-6-0-Low-1.091-1.248-PASS



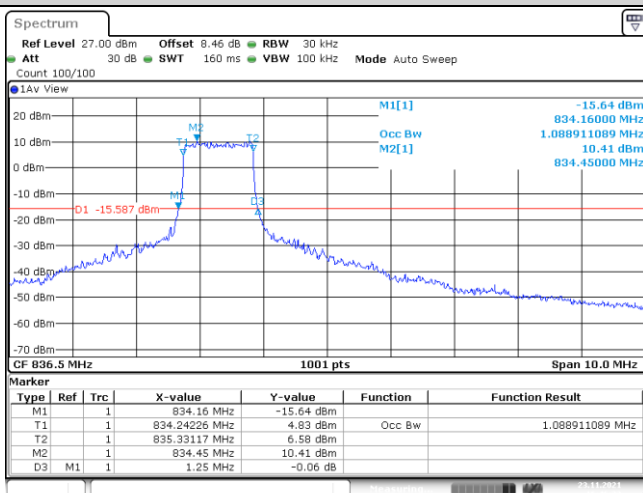
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Band26-5MHz-QPSK-26915-6-0-Low-1.089-1.250-PASS



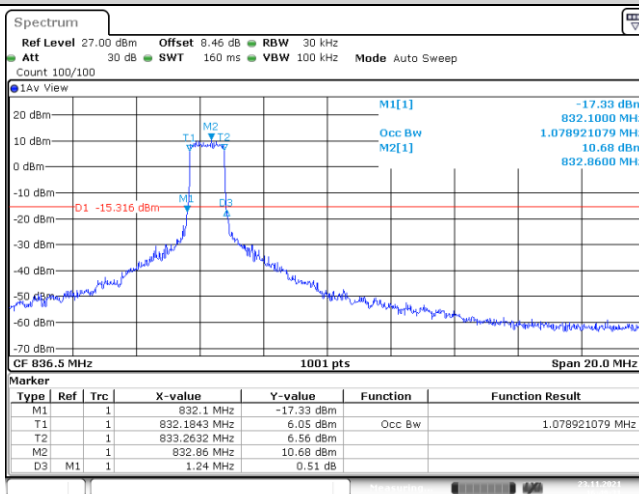
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Band26-5MHz-16QAM-26915-6-0-Low-1.089-1.250-PASS

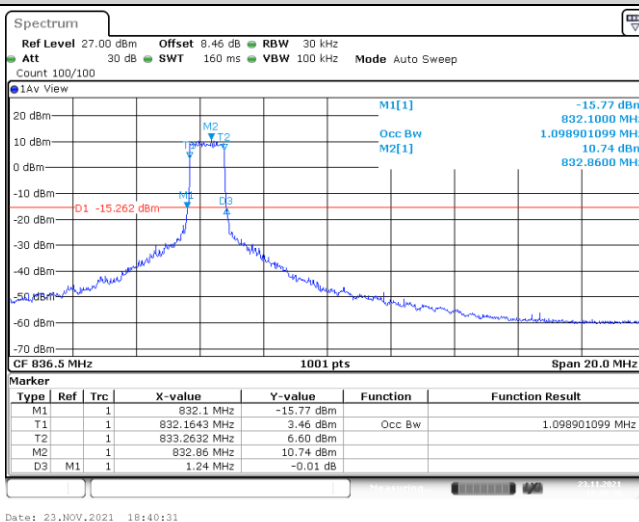


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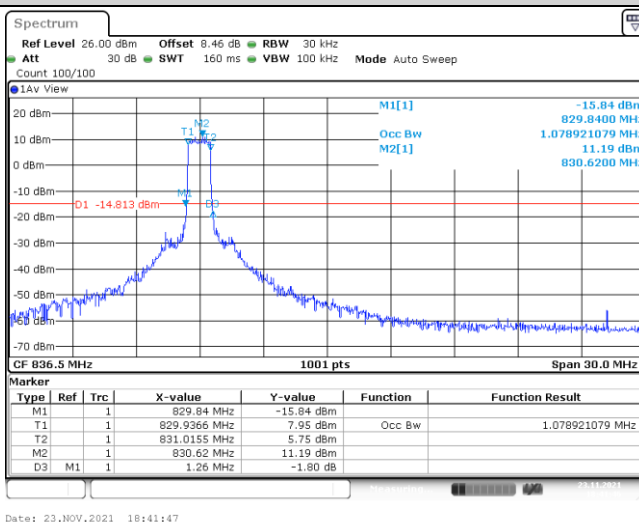
Band26-10MHz-QPSK-26915-6-0-Low-1.079-1.240-PASS



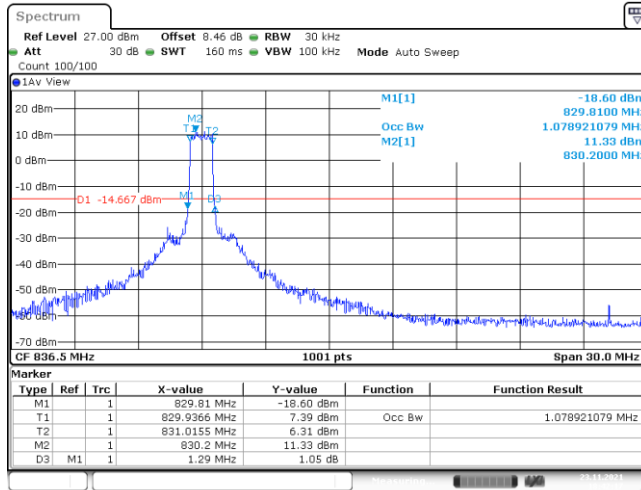
Band26-10MHz-16QAM-26915-6-0-Low-1.099-1.240-PASS



Band26-15MHz-QPSK-26915-6-0-Low-1.079-1.260-PASS



Band26-15MHz-16QAM-26915-6-0-Low-1.079-1.290-PASS



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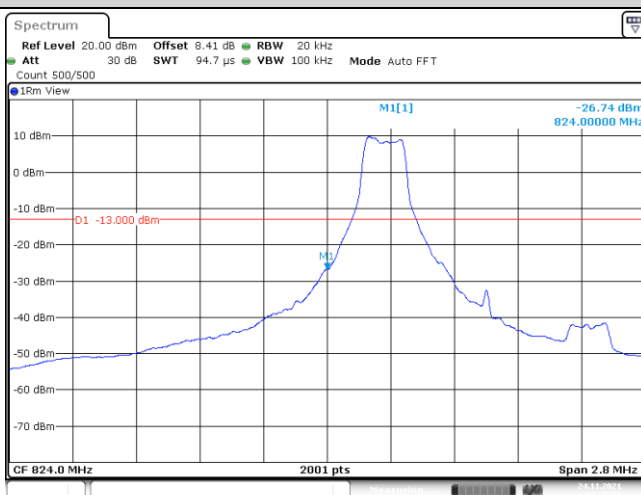
APPENDIX I.4: BAND EDGE FOR M1

Test Result

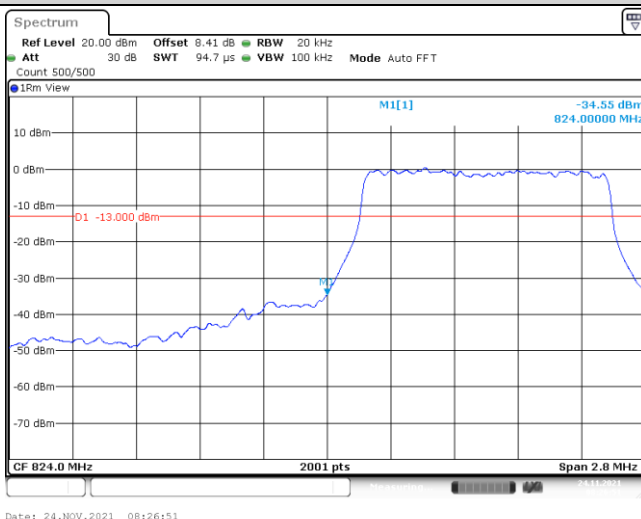
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Result(dBm)	Verdict
Band26	1.4MHz	26797	QPSK	1	0	Low	-26.74	PASS
Band26	1.4MHz	26797	QPSK	6	0	Low	-34.55	PASS
Band26	1.4MHz	27033	QPSK	1	5	Low	-29.13	PASS
Band26	1.4MHz	27033	QPSK	6	0	Low	-35.78	PASS
Band26	1.4MHz	26797	16QAM	1	0	Low	-28.55	PASS
Band26	1.4MHz	26797	16QAM	6	0	Low	-34.81	PASS
Band26	1.4MHz	27033	16QAM	1	5	Low	-30.07	PASS
Band26	1.4MHz	27033	16QAM	6	0	Low	-35.36	PASS

Test Graphs

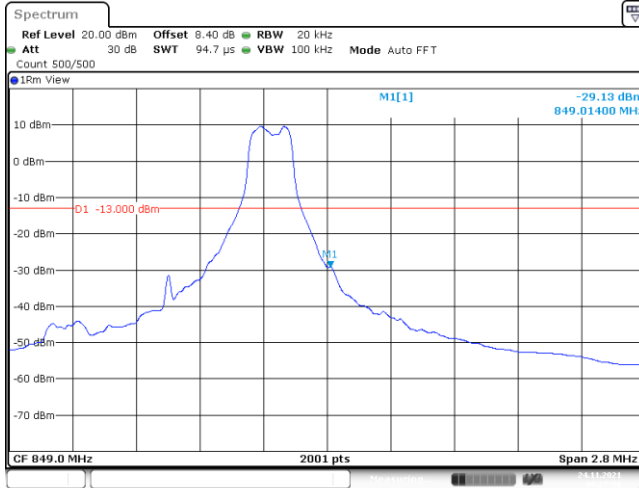
Band26-1.4MHz-QPSK-26797-1-0-Low--26.74-PASS



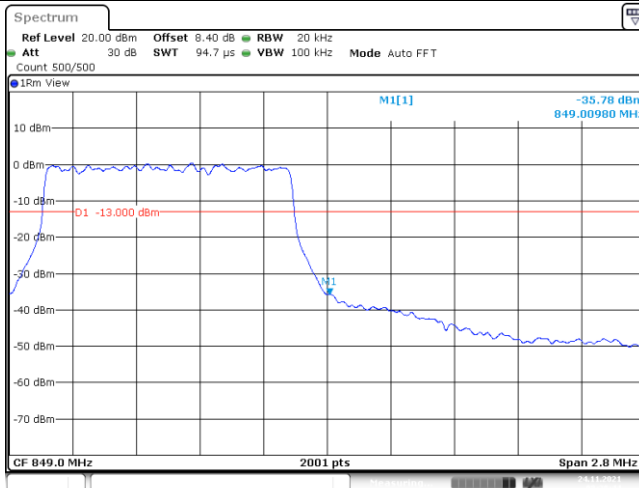
Band26-1.4MHz-QPSK-26797-6-0-Low--34.55-PASS



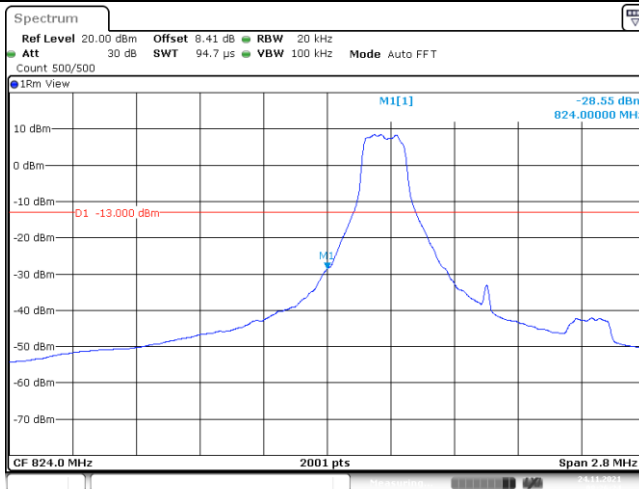
Band26-1.4MHz-QPSK-27033-1-5-Low--29.13-PASS



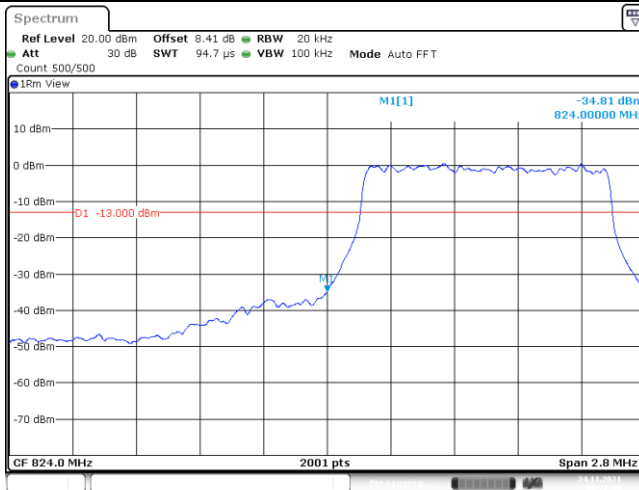
Band26-1.4MHz-QPSK-27033-6-0-Low--35.78-PASS



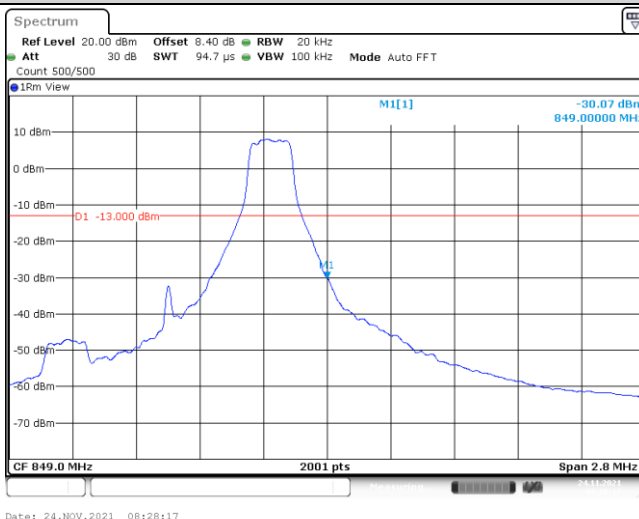
Band26-1.4MHz-16QAM-26797-1-0-Low--28.55-PASS



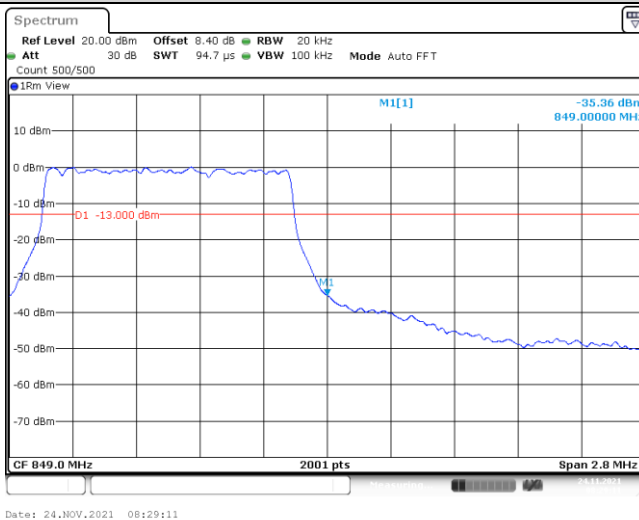
Band26-1.4MHz-16QAM-26797-6-0-Low--34.81-PASS



Band26-1.4MHz-16QAM-27033-1-5-Low--30.07-PASS



Band26-1.4MHz-16QAM-27033-6-0-Low--35.36-PASS



APPENDIX I.5: CONDUCTED SPURIOUS EMISSION FOR M1

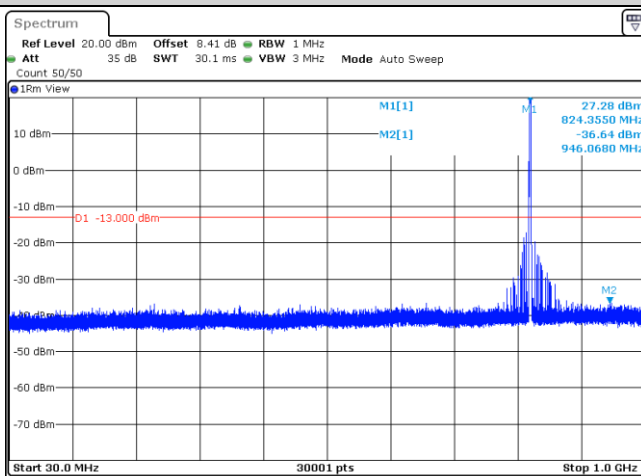
Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	Index	Start Freq	Stop Freq	Result (dBm)	Verdict
Band26	1.4MHz	26797	QPSK	1	0	Low	30	1000	-36.64	PASS
Band26	1.4MHz	26797	QPSK	1	0	Low	1000	5000	-41.32	PASS
Band26	1.4MHz	26797	QPSK	1	0	Low	5000	12000	-54.34	PASS
Band26	1.4MHz	26797	QPSK	1	0	Low	12000	26500	-50.73	PASS
Band26	1.4MHz	26797	QPSK	6	0	Low	30	1000	-35.75	PASS
Band26	1.4MHz	26797	QPSK	6	0	Low	1000	5000	-41.21	PASS
Band26	1.4MHz	26797	QPSK	6	0	Low	5000	12000	-54.44	PASS
Band26	1.4MHz	26797	QPSK	6	0	Low	12000	26500	-50.46	PASS
Band26	1.4MHz	26915	QPSK	1	0	Low	30	1000	-36.12	PASS
Band26	1.4MHz	26915	QPSK	1	0	Low	1000	5000	-41.26	PASS
Band26	1.4MHz	26915	QPSK	1	0	Low	5000	12000	-53.25	PASS
Band26	1.4MHz	26915	QPSK	1	0	Low	12000	26500	-50.53	PASS
Band26	1.4MHz	26915	QPSK	6	0	Low	30	1000	-36.26	PASS
Band26	1.4MHz	26915	QPSK	6	0	Low	1000	5000	-41.24	PASS
Band26	1.4MHz	26915	QPSK	6	0	Low	5000	12000	-54.31	PASS
Band26	1.4MHz	26915	QPSK	6	0	Low	12000	26500	-50.44	PASS
Band26	1.4MHz	27033	QPSK	1	5	Low	30	1000	-36.05	PASS
Band26	1.4MHz	27033	QPSK	1	5	Low	1000	5000	-41.32	PASS
Band26	1.4MHz	27033	QPSK	1	5	Low	5000	12000	-52.2	PASS
Band26	1.4MHz	27033	QPSK	1	5	Low	12000	26500	-50.3	PASS
Band26	1.4MHz	27033	QPSK	6	0	Low	30	1000	-36.38	PASS
Band26	1.4MHz	27033	QPSK	6	0	Low	1000	5000	-41.4	PASS
Band26	1.4MHz	27033	QPSK	6	0	Low	5000	12000	-54.47	PASS
Band26	1.4MHz	27033	QPSK	6	0	Low	12000	26500	-50.33	PASS
Band26	1.4MHz	26797	16QAM	1	0	Low	30	1000	-35.77	PASS
Band26	1.4MHz	26797	16QAM	1	0	Low	1000	5000	-41.3	PASS
Band26	1.4MHz	26797	16QAM	1	0	Low	5000	12000	-54.46	PASS
Band26	1.4MHz	26797	16QAM	1	0	Low	12000	26500	-50.54	PASS
Band26	1.4MHz	26797	16QAM	6	0	Low	30	1000	-36.69	PASS
Band26	1.4MHz	26797	16QAM	6	0	Low	1000	5000	-41.39	PASS
Band26	1.4MHz	26797	16QAM	6	0	Low	5000	12000	-54.31	PASS
Band26	1.4MHz	26797	16QAM	6	0	Low	12000	26500	-50.49	PASS
Band26	1.4MHz	26915	16QAM	1	0	Low	30	1000	-36.17	PASS
Band26	1.4MHz	26915	16QAM	1	0	Low	1000	5000	-41.38	PASS
Band26	1.4MHz	26915	16QAM	1	0	Low	5000	12000	-54.29	PASS
Band26	1.4MHz	26915	16QAM	1	0	Low	12000	26500	-50.55	PASS
Band26	1.4MHz	26915	16QAM	6	0	Low	30	1000	-36.06	PASS
Band26	1.4MHz	26915	16QAM	6	0	Low	1000	5000	-41.35	PASS
Band26	1.4MHz	26915	16QAM	6	0	Low	5000	12000	-54.41	PASS
Band26	1.4MHz	26915	16QAM	6	0	Low	12000	26500	-50.09	PASS
Band26	1.4MHz	27033	16QAM	1	5	Low	30	1000	-36.32	PASS

Band26	1.4MHz	27033	16QAM	1	5	Low	1000	5000	-41.34	PASS
Band26	1.4MHz	27033	16QAM	1	5	Low	5000	12000	-52.74	PASS
Band26	1.4MHz	27033	16QAM	1	5	Low	12000	26500	-50.36	PASS
Band26	1.4MHz	27033	16QAM	6	0	Low	30	1000	-36.71	PASS
Band26	1.4MHz	27033	16QAM	6	0	Low	1000	5000	-41.39	PASS
Band26	1.4MHz	27033	16QAM	6	0	Low	5000	12000	-54.38	PASS
Band26	1.4MHz	27033	16QAM	6	0	Low	12000	26500	-50.43	PASS

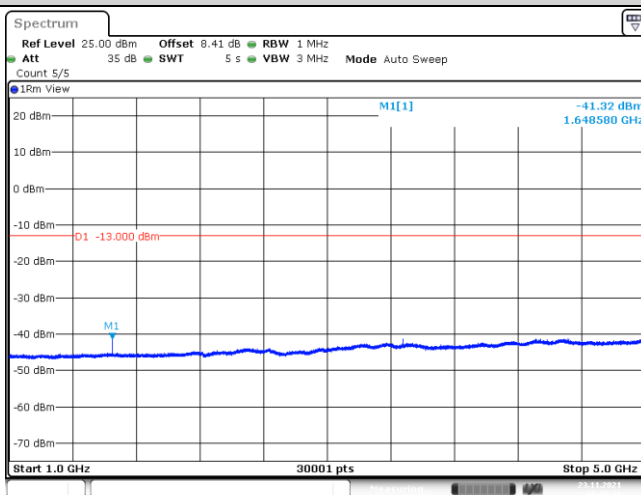
Test Graphs

Band26-1.4MHz-QPSK-26797-1-0-Low-30-1000--36.64-PASS



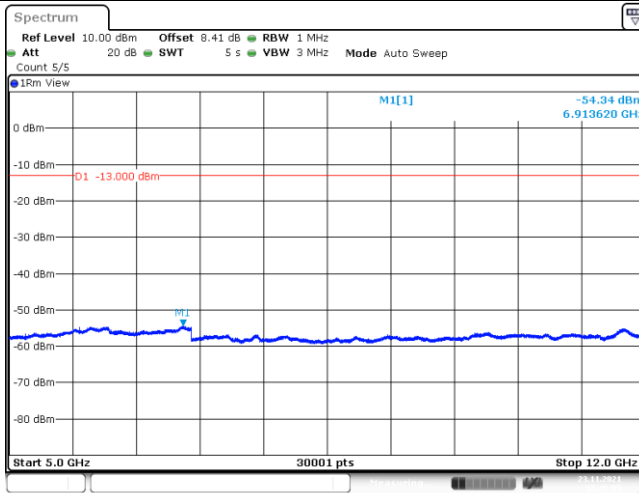
Date: 23.NOV.2021 18:43:56

Band26-1.4MHz-QPSK-26797-1-0-Low-1000-5000--41.32-PASS



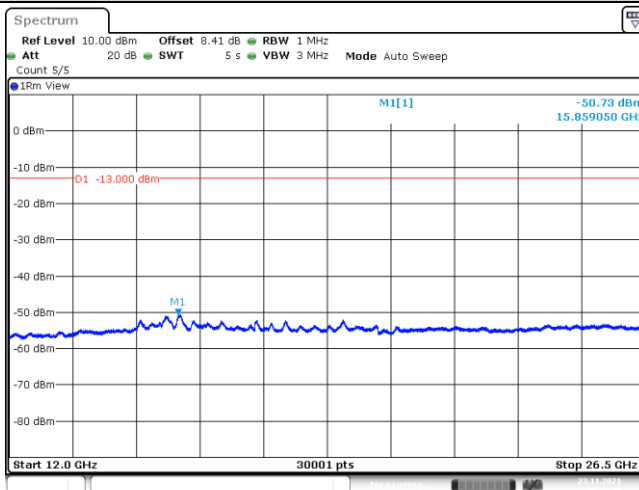
Date: 23.NOV.2021 18:44:31

Band26-1.4MHz-QPSK-26797-1-0-Low-5000-12000--54.34-PASS



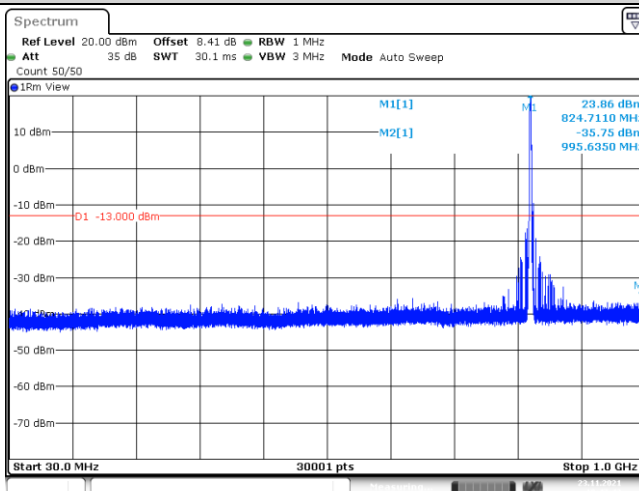
Date: 23.NOV.2021 18:45:06

Band26-1.4MHz-QPSK-26797-1-0-Low-12000-26500--50.73-PASS



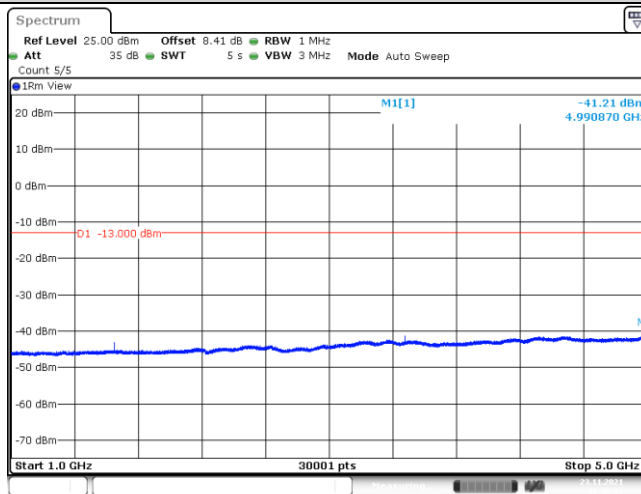
Date: 23.NOV.2021 18:45:41

Band26-1.4MHz-QPSK-26797-6-0-Low-30-1000--35.75-PASS



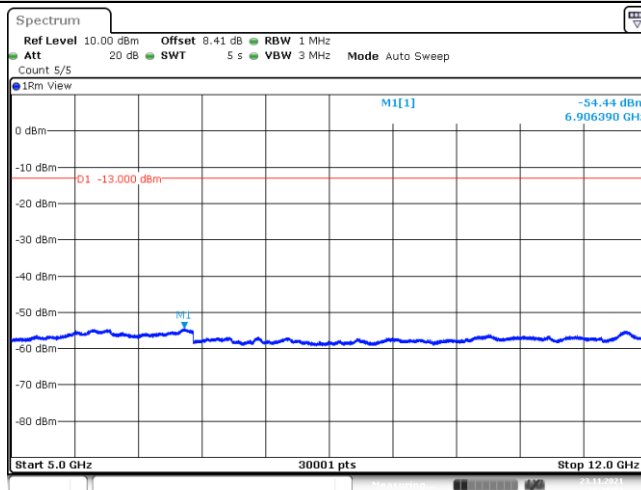
Date: 23.NOV.2021 18:47:43

Band26-1.4MHz-QPSK-26797-6-0-Low-1000-5000--41.21-PASS



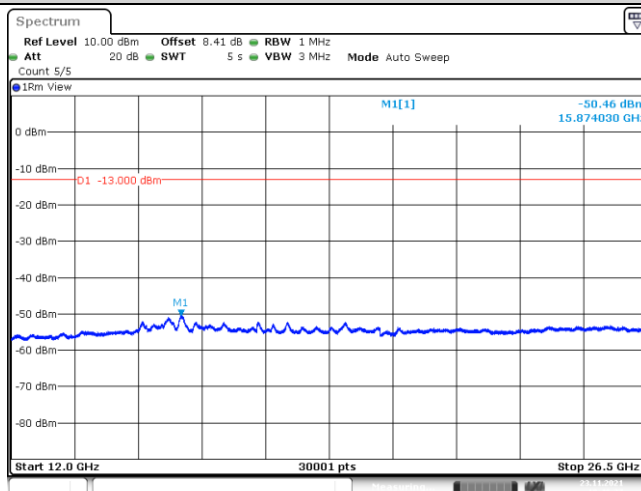
Date: 23.NOV.2021 18:48:18

Band26-1.4MHz-QPSK-26797-6-0-Low-5000-12000--54.44-PASS



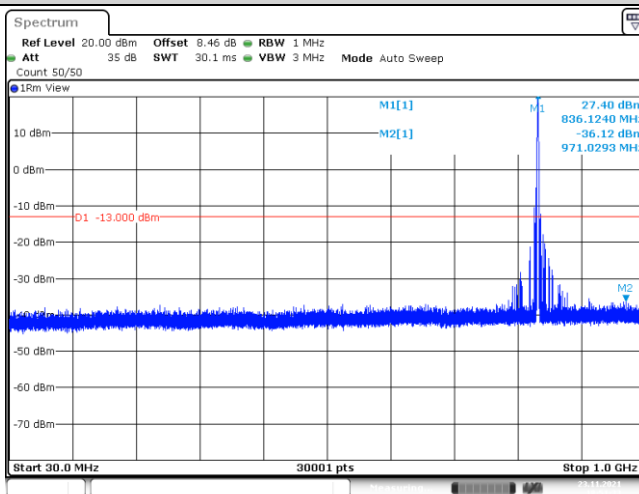
Date: 23.NOV.2021 18:48:53

Band26-1.4MHz-QPSK-26797-6-0-Low-12000-26500--50.46-PASS



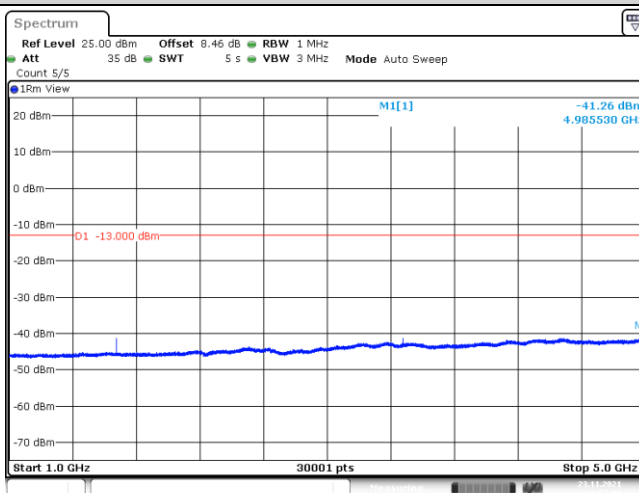
Date: 23.NOV.2021 18:49:28

Band26-1.4MHz-QPSK-26915-1-0-Low-30-1000--36.12-PASS



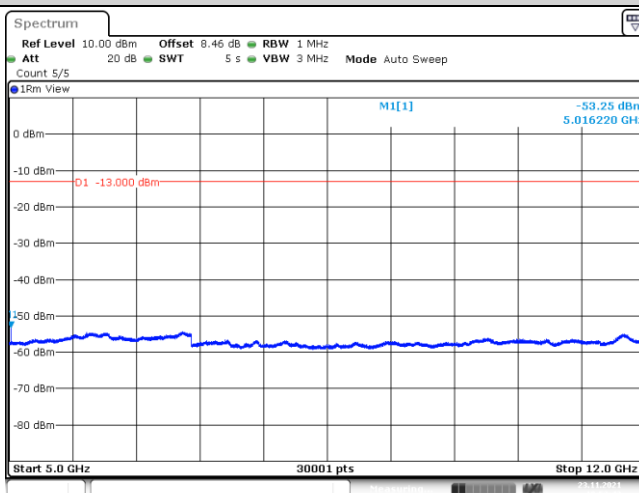
Date: 23.NOV.2021 18:51:34

Band26-1.4MHz-QPSK-26915-1-0-Low-1000-5000--41.26-PASS



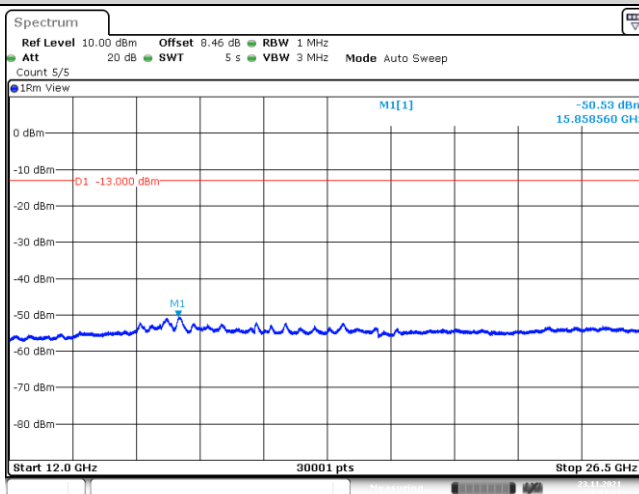
Date: 23.NOV.2021 18:52:09

Band26-1.4MHz-QPSK-26915-1-0-Low-5000-12000--53.25-PASS



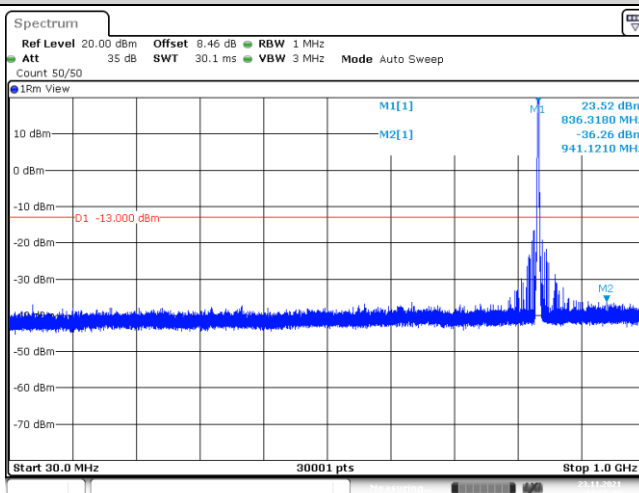
Date: 23.NOV.2021 18:52:43

Band26-1.4MHz-QPSK-26915-1-0-Low-12000-26500--50.53-PASS



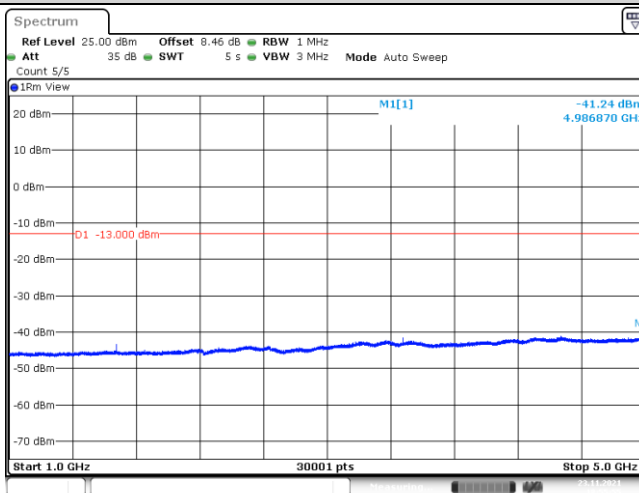
Date: 23.NOV.2021 18:53:18

Band26-1.4MHz-QPSK-26915-6-0-Low-30-1000--36.26-PASS



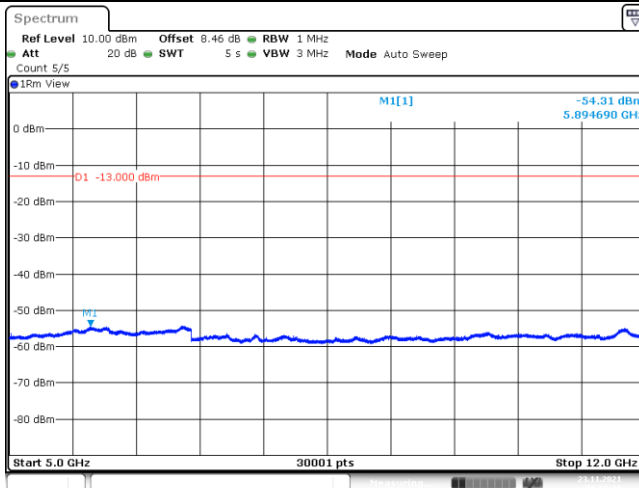
Date: 23.NOV.2021 18:55:20

Band26-1.4MHz-QPSK-26915-6-0-Low-1000-5000--41.24-PASS



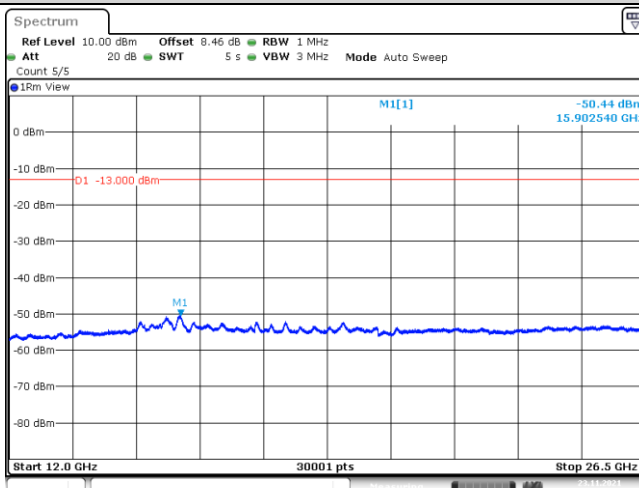
Date: 23.NOV.2021 18:55:55

Band26-1.4MHz-QPSK-26915-6-0-Low-5000-12000--54.31-PASS



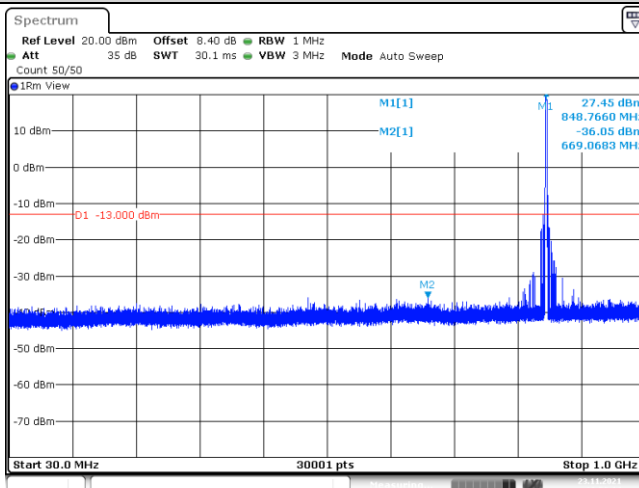
Date: 23.NOV.2021 18:56:30

Band26-1.4MHz-QPSK-26915-6-0-Low-12000-26500--50.44-PASS



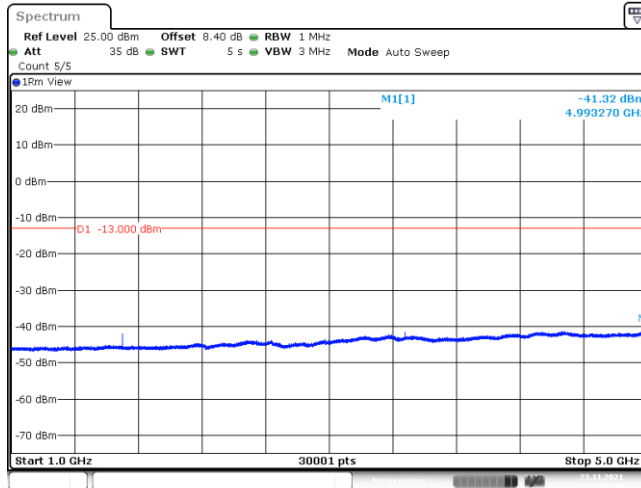
Date: 23.NOV.2021 18:57:05

Band26-1.4MHz-QPSK-27033-1-5-Low-30-1000--36.05-PASS

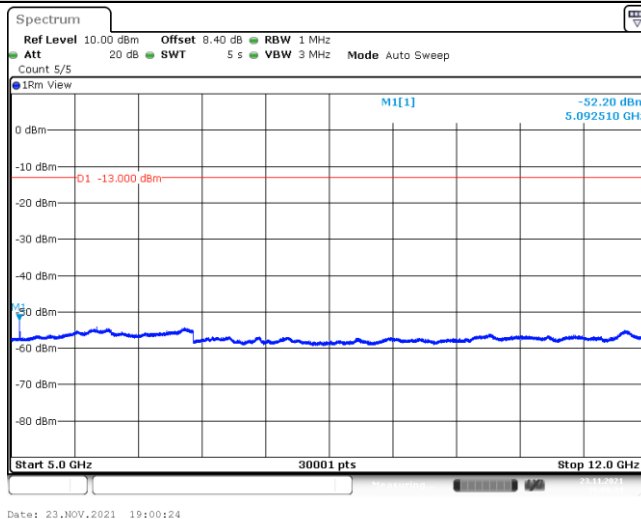


Date: 23.NOV.2021 18:59:15

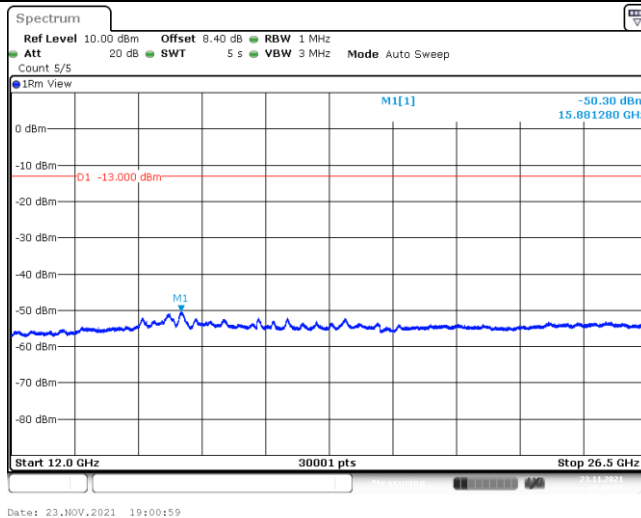
Band26-1.4MHz-QPSK-27033-1-5-Low-1000-5000--41.32-PASS



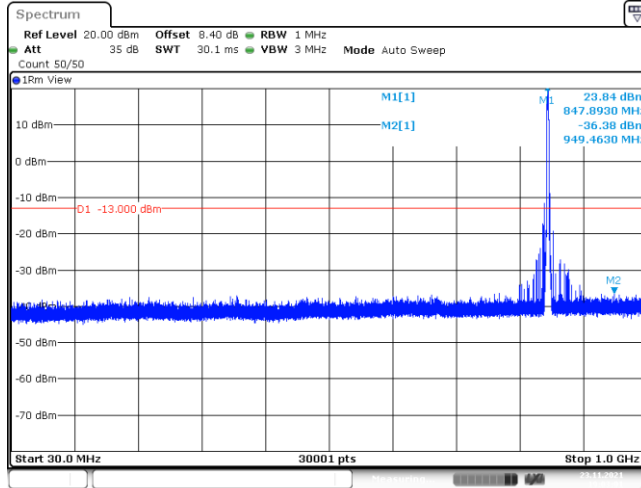
Band26-1.4MHz-QPSK-27033-1-5-Low-5000-12000--52.2-PASS



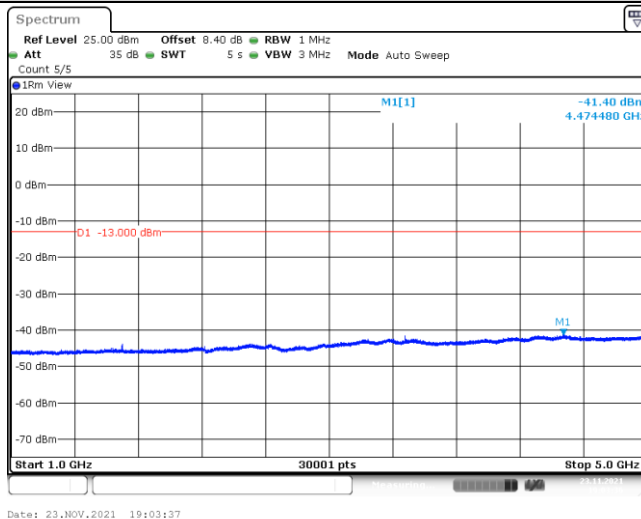
Band26-1.4MHz-QPSK-27033-1-5-Low-12000-26500--50.3-PASS



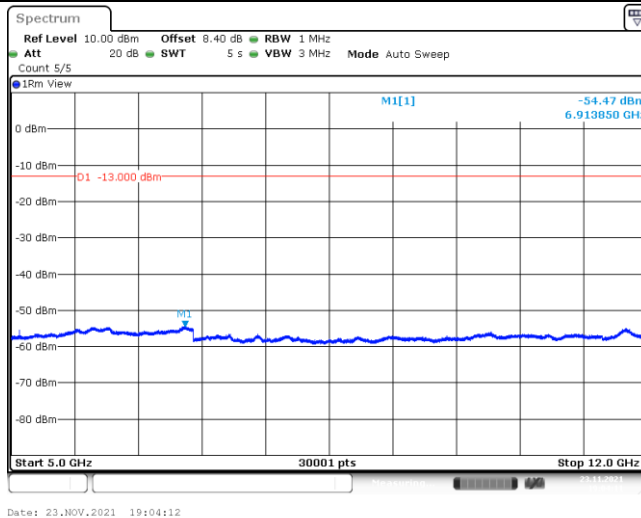
Band26-1.4MHz-QPSK-27033-6-0-Low-30-1000--36.38-PASS



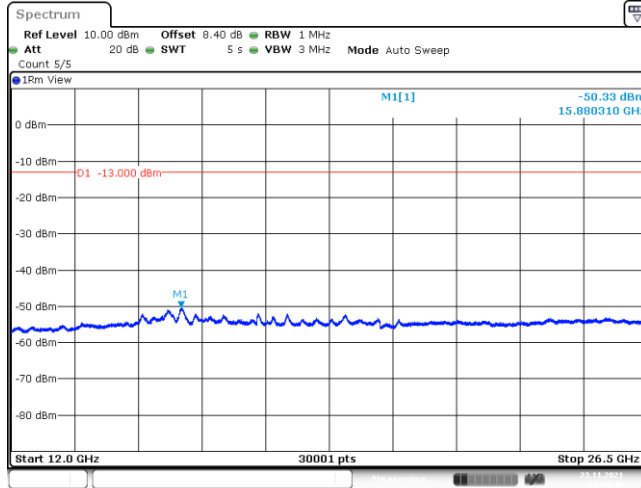
Band26-1.4MHz-QPSK-27033-6-0-Low-1000-5000--41.4-PASS



Band26-1.4MHz-QPSK-27033-6-0-Low-5000-12000--54.47-PASS

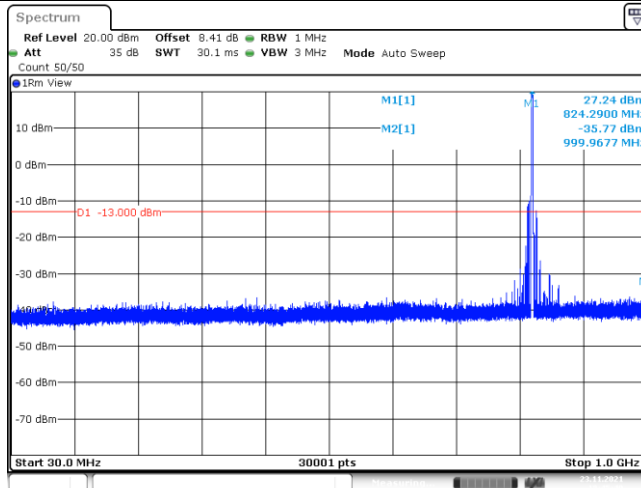


Band26-1.4MHz-QPSK-27033-6-0-Low-12000-26500--50.33-PASS



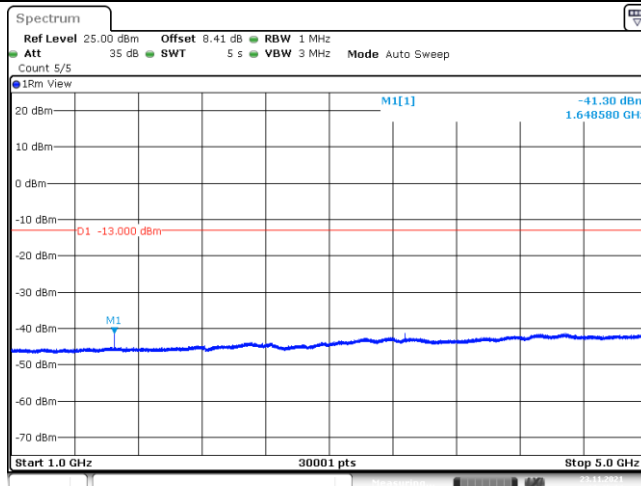
Date: 23.NOV.2021 19:04:46

Band26-1.4MHz-16QAM-26797-1-0-Low-30-1000--35.77-PASS



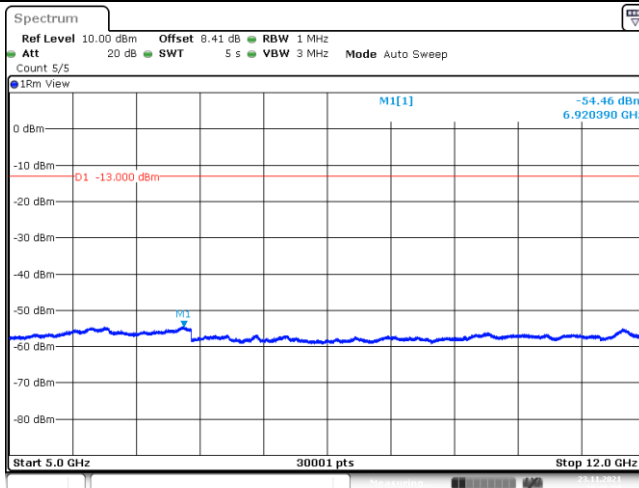
Date: 23.NOV.2021 18:45:50

Band26-1.4MHz-16QAM-26797-1-0-Low-1000-5000--41.3-PASS



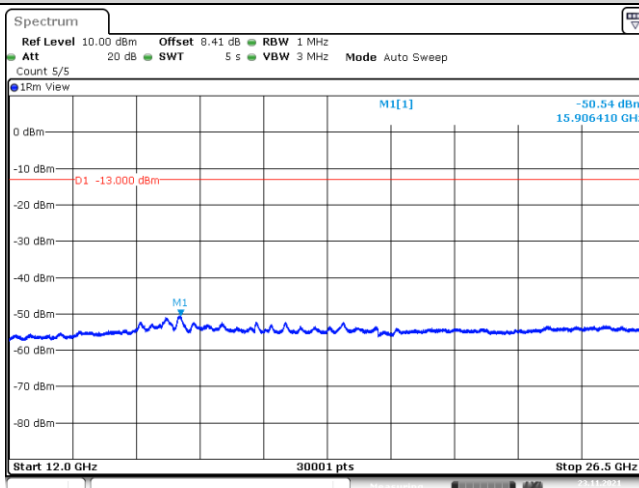
Date: 23.NOV.2021 18:46:25

Band26-1.4MHz-16QAM-26797-1-0-Low-5000-12000--54.46-PASS



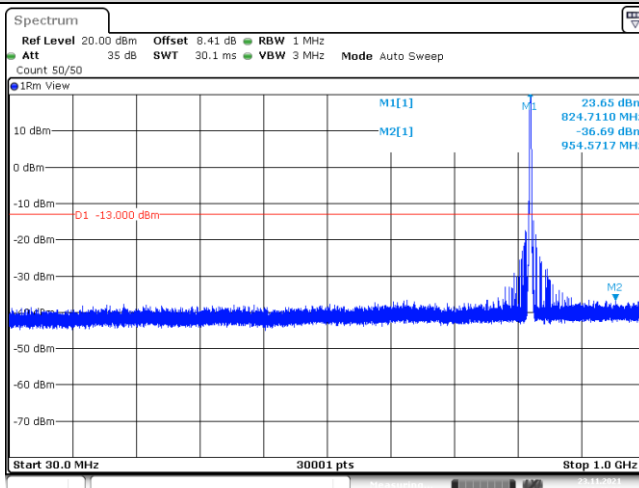
Date: 23.NOV.2021 18:47:00

Band26-1.4MHz-16QAM-26797-1-0-Low-12000-26500--50.54-PASS



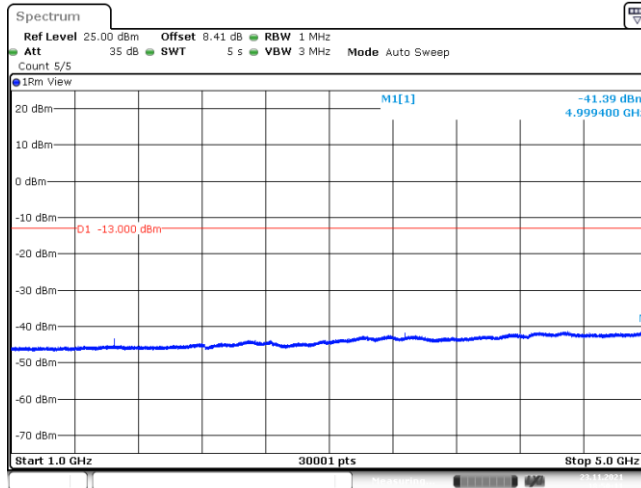
Date: 23.NOV.2021 18:47:34

Band26-1.4MHz-16QAM-26797-6-0-Low-30-1000--36.69-PASS

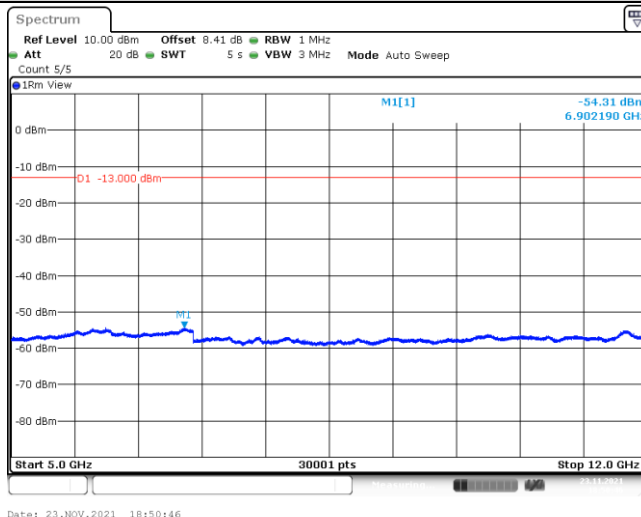


Date: 23.NOV.2021 18:49:37

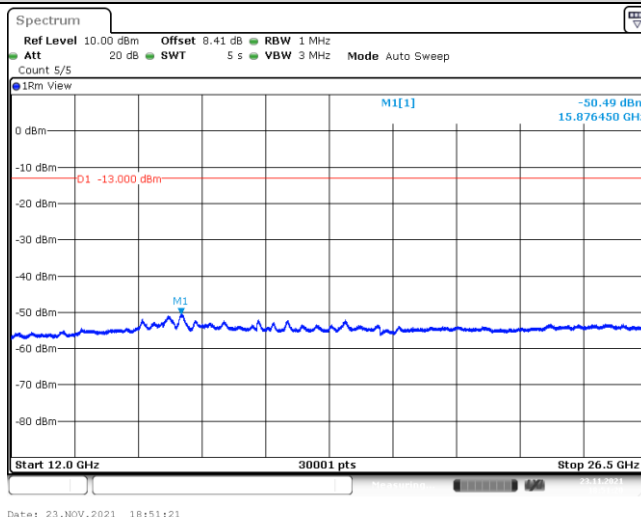
Band26-1.4MHz-16QAM-26797-6-0-Low-1000-5000--41.39-PASS



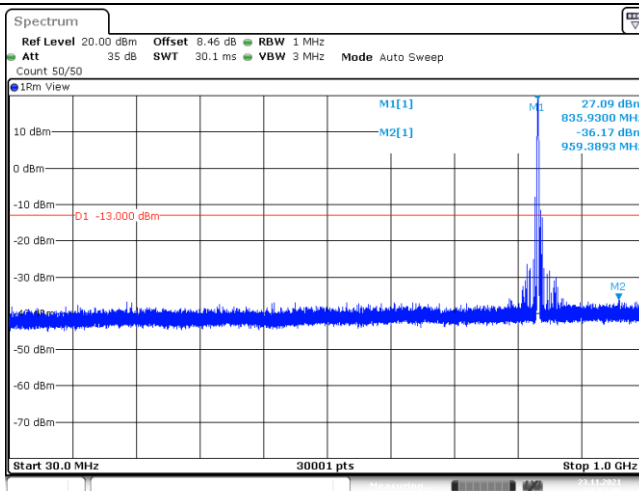
Band26-1.4MHz-16QAM-26797-6-0-Low-5000-12000--54.31-PASS



Band26-1.4MHz-16QAM-26797-6-0-Low-12000-26500--50.49-PASS

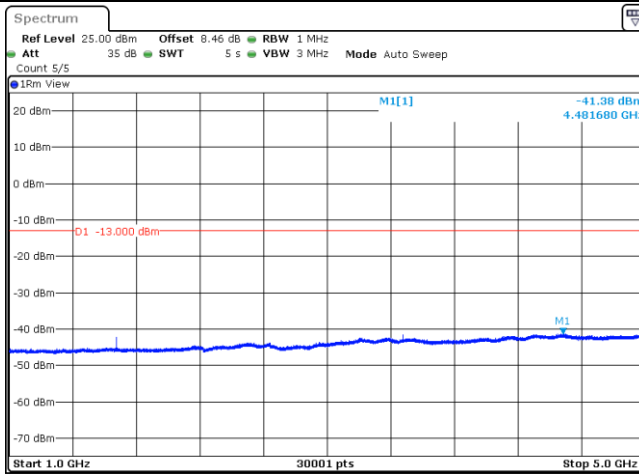


Band26-1.4MHz-16QAM-26915-1-0-Low-30-1000--36.17-PASS



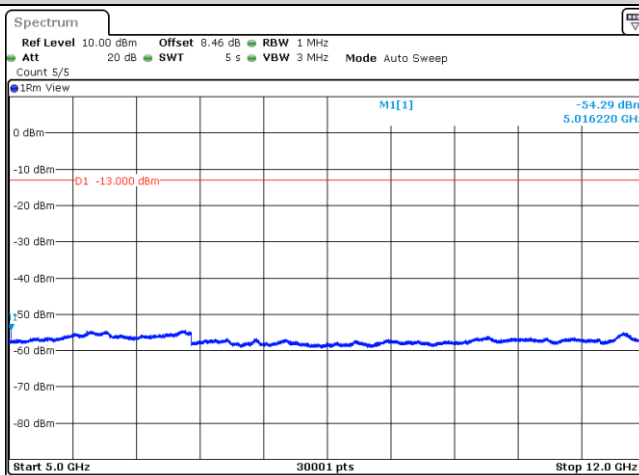
Date: 23.NOV.2021 18:53:27

Band26-1.4MHz-16QAM-26915-1-0-Low-1000-5000--41.38-PASS



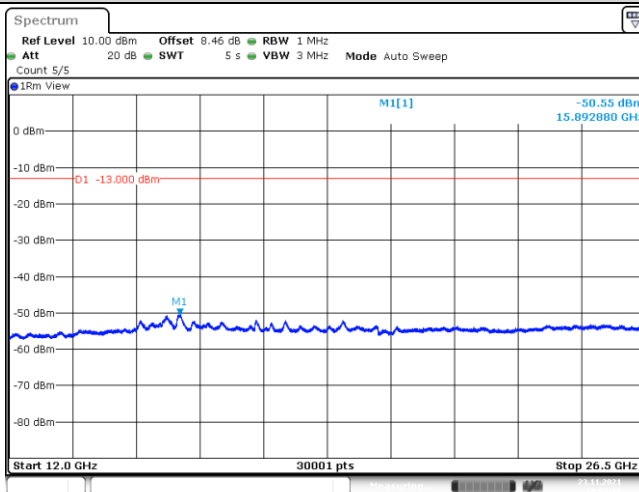
Date: 23.NOV.2021 18:54:02

Band26-1.4MHz-16QAM-26915-1-0-Low-5000-12000--54.29-PASS



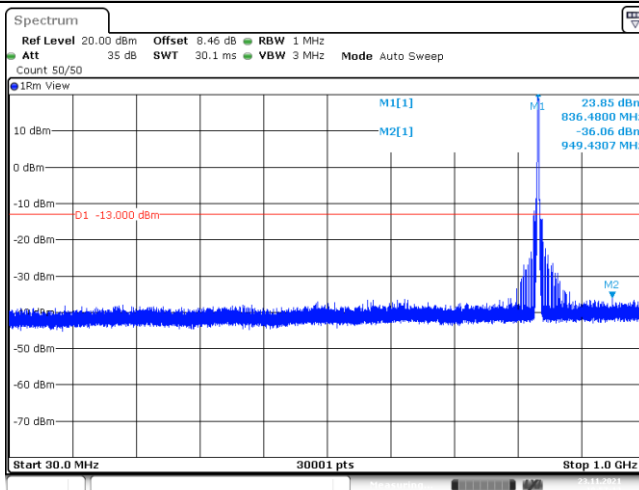
Date: 23.NOV.2021 18:54:37

Band26-1.4MHz-16QAM-26915-1-0-Low-12000-26500--50.55-PASS



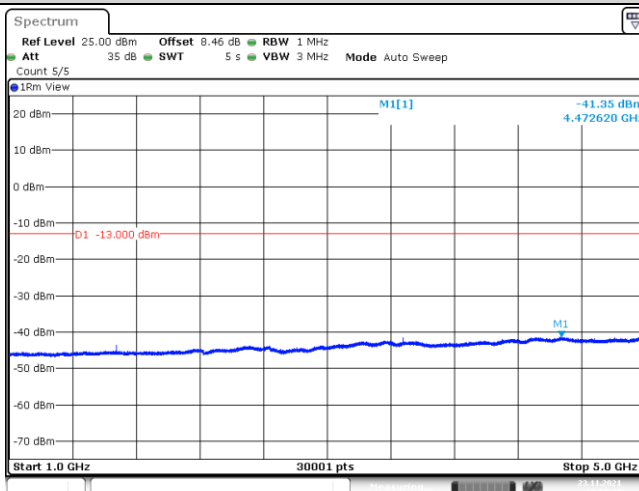
Date: 23.NOV.2021 18:55:12

Band26-1.4MHz-16QAM-26915-6-0-Low-30-1000--36.06-PASS



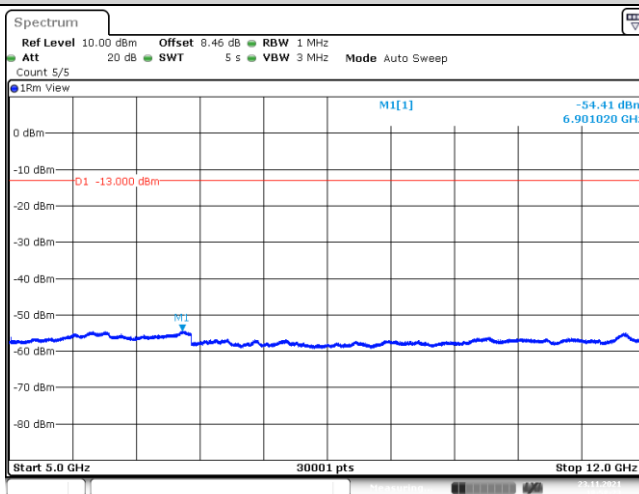
Date: 23.NOV.2021 18:57:14

Band26-1.4MHz-16QAM-26915-6-0-Low-1000-5000--41.35-PASS



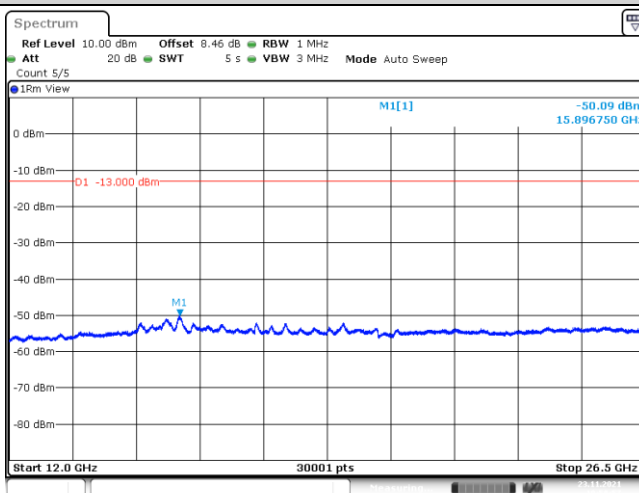
Date: 23.NOV.2021 18:57:49

Band26-1.4MHz-16QAM-26915-6-0-Low-5000-12000--54.41-PASS



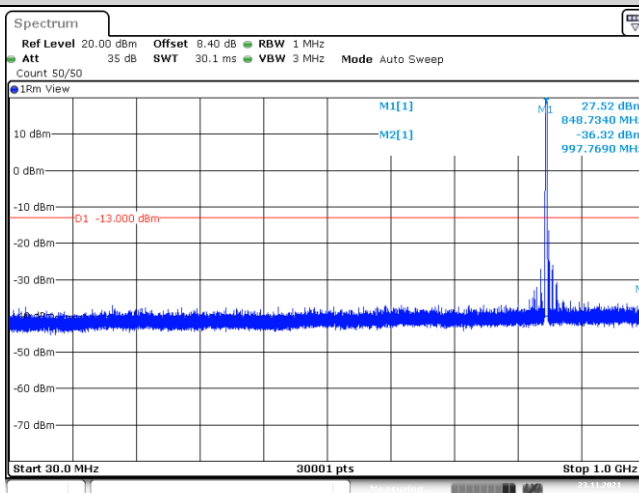
Date: 23.NOV.2021 18:58:23

Band26-1.4MHz-16QAM-26915-6-0-Low-12000-26500--50.09-PASS



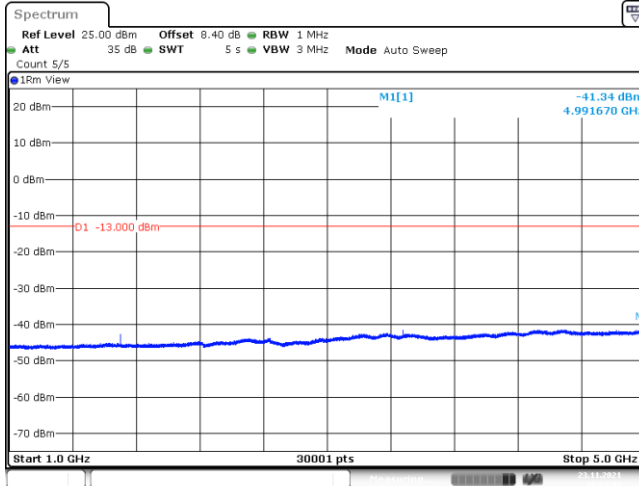
Date: 23.NOV.2021 18:58:58

Band26-1.4MHz-16QAM-27033-1-5-Low-30-1000--36.32-PASS

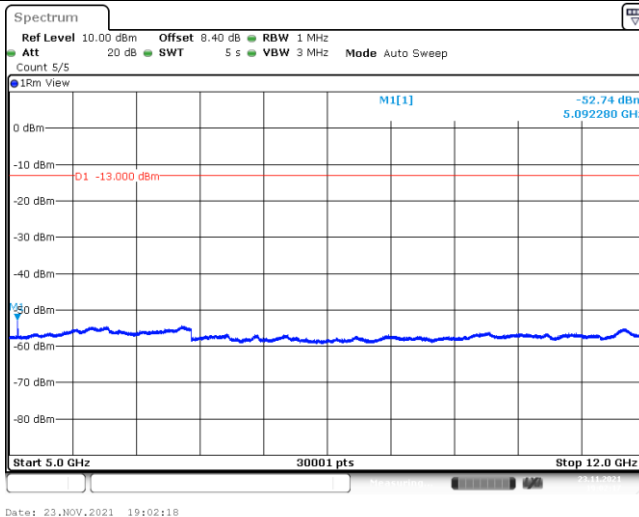


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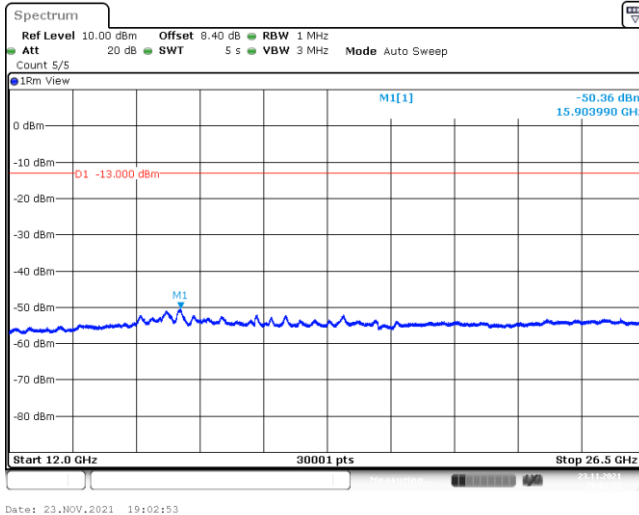
Band26-1.4MHz-16QAM-27033-1-5-Low-1000-5000--41.34-PASS



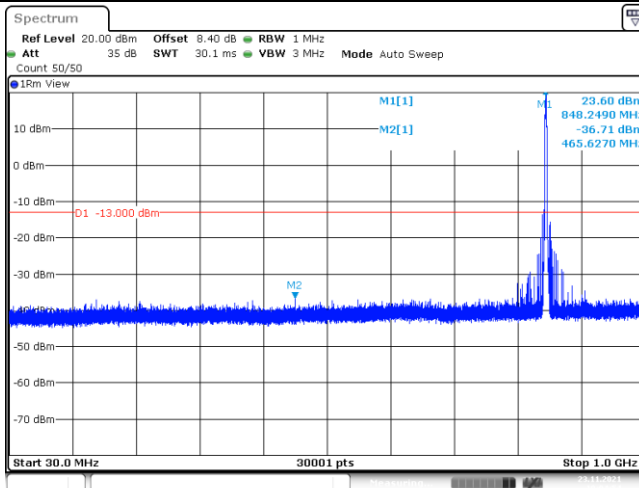
Band26-1.4MHz-16QAM-27033-1-5-Low-5000-12000--52.74-PASS



Band26-1.4MHz-16QAM-27033-1-5-Low-12000-26500--50.36-PASS

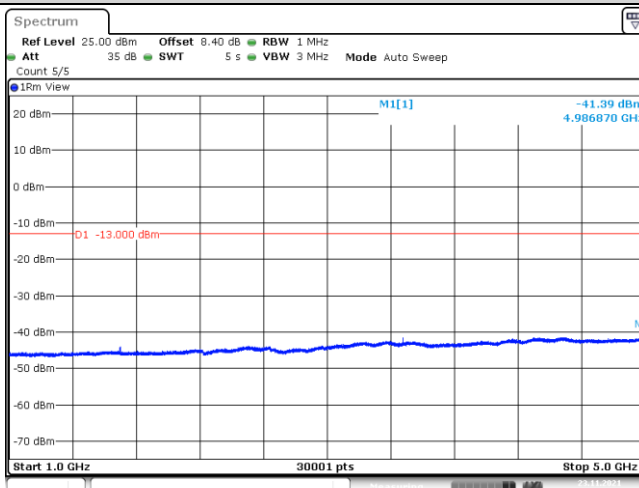


Band26-1.4MHz-16QAM-27033-6-0-Low-30-1000--36.71-PASS



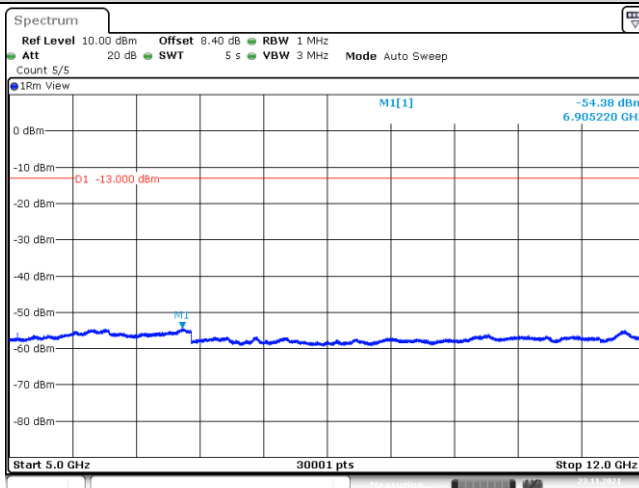
Date: 23.NOV.2021 19:04:55

Band26-1.4MHz-16QAM-27033-6-0-Low-1000-5000--41.39-PASS



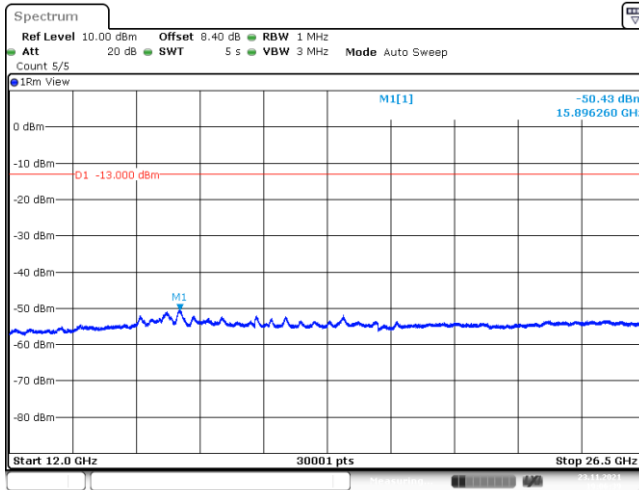
Date: 23.NOV.2021 19:05:30

Band26-1.4MHz-16QAM-27033-6-0-Low-5000-12000--54.38-PASS



Date: 23.NOV.2021 19:06:05

Band26-1.4MHz-16QAM-27033-6-0-Low-12000-26500--50.43-PASS



Date: 23.NOV.2021 19:06:40

APPENDIX I.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	26915	QPSK	1	0	Low	HV	NT	-9.88	-0.011811	±2.5	PASS
Band26	1.4MHz	26915	QPSK	1	0	Low	LV	NT	-9.63	-0.011512	±2.5	PASS
Band26	1.4MHz	26915	QPSK	1	0	Low	NV	NT	-8.74	-0.010448	±2.5	PASS
Band26	1.4MHz	26915	16QAM	1	0	Low	HV	NT	-8.93	-0.010675	±2.5	PASS
Band26	1.4MHz	26915	16QAM	1	0	Low	LV	NT	-8.11	-0.009695	±2.5	PASS
Band26	1.4MHz	26915	16QAM	1	0	Low	NV	NT	-9.17	-0.010962	±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	26915	QPSK	1	0	Low	NV	70	-10.66	-0.01274	±2.5	PASS	
Band26	1.4MHz	26915	QPSK	1	0	Low	NV	20	-9.71	-0.01161	±2.5	PASS	
Band26	1.4MHz	26915	QPSK	1	0	Low	NV	-30	-8.23	-0.00984	±2.5	PASS	
Band26	1.4MHz	26915	QPSK	1	0	Low	NV	-20	-10.46	-0.01250	±2.5	PASS	
Band26	1.4MHz	26915	QPSK	1	0	Low	NV	-10	-10.16	-0.01215	±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	26915	QPSK	1	0	Low	NV	-40	-8.35	-0.00998	±2.5	PASS	
Band26	1.4MHz	26915	QPSK	1	0	Low	NV	80	-6.64	-0.00794	±2.5	PASS	
Band26	1.4MHz	26915	QPSK	1	0	Low	NV	85	-7.93	-0.00948	±2.5	PASS	
Band26	1.4MHz	26915	QPSK	1	0	Low	NV	50	-10.24	-0.01224	±2.5	PASS	
Band26	1.4MHz	26915	16QAM	1	0	Low	NV	-20	-9.63	-0.01151	±2.5	PASS	
Band26	1.4MHz	26915	16QAM	1	0	Low	NV	80	-9.04	-0.01081	±2.5	PASS	
Band26	1.4MHz	26915	16QAM	1	0	Low	NV	70	-6.79	-0.00812	±2.5	PASS	
Band26	1.4MHz	26915	16QAM	1	0	Low	NV	60	-9.16	-0.01095	±2.5	PASS	
Band26	1.4MHz	26915	16QAM	1	0	Low	NV	50	-9.08	-0.01086	±2.5	PASS	
Band26	1.4MHz	26915	16QAM	1	0	Low	NV	40	-8.03	-0.00960	±2.5	PASS	
Band26	1.4MHz	26915	16QAM	1	0	Low	NV	30	-10.10	-0.01207	±2.5	PASS	
Band26	1.4MHz	26915	16QAM	1	0	Low	NV	20	-11.90	-0.01423	±2.5	PASS	
Band26	1.4MHz	26915	16QAM	1	0	Low	NV	10	-8.15	-0.00974	±2.5	PASS	
Band26	1.4MHz	26915	16QAM	1	0	Low	NV	-10	-9.21	-0.01101	±2.5	PASS	
Band26	1.4MHz	26915	16QAM	1	0	Low	NV	-30	-8.53	-0.01020	±2.5	PASS	
Band26	1.4MHz	26915	16QAM	1	0	Low	NV	-40	-7.94	-0.00949	±2.5	PASS	
Band26	1.4MHz	26915	16QAM	1	0	Low	NV	85	-9.64	-0.01152	±2.5	PASS	
Band26	1.4MHz	26915	16QAM	1	0	Low	NV	0	-8.40	-0.01004	±2.5	PASS	