

# APPENDIX H: TEST RESULTS OF BAND 66 FOR CAT-M OPERATION

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## APPENDIX H.1: EFFECTIVE (ISOTROPIC) RADIATED POWER OUTPUT DATA FOR M1

### Test Result

Band	Bandwidth	Channel	Modulation	RB Size	RB Start	NBIndex	Measure Result (dBm)	EIRP		Limit (watts)	Verdict
								dBm	Watts		
Band66	1.4MHz	131979	QPSK	1	0	Low	23.08	25.22	0.333	1	PASS
Band66	1.4MHz	131979	QPSK	6	0	Low	21.08	23.22	0.210	1	PASS
Band66	1.4MHz	132322	QPSK	1	0	Low	23.14	25.28	0.337	1	PASS
Band66	1.4MHz	132322	QPSK	6	0	Low	21.29	23.43	0.220	1	PASS
Band66	1.4MHz	132665	QPSK	1	5	Low	22.9	25.04	0.319	1	PASS
Band66	1.4MHz	132665	QPSK	6	0	Low	21.25	23.39	0.218	1	PASS
Band66	1.4MHz	131979	16QAM	1	0	Low	21.96	24.10	0.257	1	PASS
Band66	1.4MHz	131979	16QAM	6	0	Low	21.32	23.46	0.222	1	PASS
Band66	1.4MHz	132322	16QAM	1	0	Low	22.12	24.26	0.267	1	PASS
Band66	1.4MHz	132322	16QAM	6	0	Low	21.07	23.21	0.209	1	PASS
Band66	1.4MHz	132665	16QAM	1	5	Low	21.68	23.82	0.241	1	PASS
Band66	1.4MHz	132665	16QAM	6	0	Low	21.2	23.34	0.216	1	PASS
Band66	3MHz	131987	QPSK	1	0	Low	23.15	25.29	0.338	1	PASS
Band66	3MHz	131987	QPSK	6	0	Low	21.05	23.19	0.208	1	PASS
Band66	3MHz	132322	QPSK	1	0	Low	23.09	25.23	0.333	1	PASS
Band66	3MHz	132322	QPSK	6	0	Low	21.51	23.65	0.232	1	PASS
Band66	3MHz	132657	QPSK	1	5	High	22.97	25.11	0.324	1	PASS
Band66	3MHz	132657	QPSK	6	0	High	21.11	23.25	0.211	1	PASS
Band66	3MHz	131987	16QAM	1	0	Low	21.94	24.08	0.256	1	PASS
Band66	3MHz	131987	16QAM	6	0	Low	21.31	23.45	0.221	1	PASS
Band66	3MHz	132322	16QAM	1	0	Low	22.05	24.19	0.262	1	PASS
Band66	3MHz	132322	16QAM	6	0	Low	21.05	23.19	0.208	1	PASS
Band66	3MHz	132657	16QAM	1	5	High	21.74	23.88	0.244	1	PASS
Band66	3MHz	132657	16QAM	6	0	High	21.18	23.32	0.215	1	PASS
Band66	5MHz	131997	QPSK	1	0	Low	23.12	25.26	0.336	1	PASS
Band66	5MHz	131997	QPSK	6	0	Low	21.88	24.02	0.252	1	PASS
Band66	5MHz	132322	QPSK	1	0	Low	23.18	25.32	0.340	1	PASS
Band66	5MHz	132322	QPSK	6	0	Low	22.03	24.17	0.261	1	PASS
Band66	5MHz	132647	QPSK	1	5	High	22.83	24.97	0.314	1	PASS
Band66	5MHz	132647	QPSK	3	3	High	21.82	23.96	0.249	1	PASS
Band66	5MHz	131997	16QAM	1	0	Low	23.21	25.35	0.343	1	PASS
Band66	5MHz	131997	16QAM	6	0	Low	21.8	23.94	0.248	1	PASS
Band66	5MHz	132322	16QAM	1	0	Low	23.2	25.34	0.342	1	PASS
Band66	5MHz	132322	16QAM	6	0	Low	22.02	24.16	0.261	1	PASS
Band66	5MHz	132647	16QAM	1	5	High	23.08	25.22	0.333	1	PASS
Band66	5MHz	132647	16QAM	3	3	High	21.68	23.82	0.241	1	PASS
Band66	10MHz	132022	QPSK	1	0	Low	23.16	25.30	0.339	1	PASS
Band66	10MHz	132022	QPSK	5	0	Low	22.02	24.16	0.261	1	PASS
Band66	10MHz	132322	QPSK	1	0	Low	23.31	25.45	0.351	1	PASS
Band66	10MHz	132322	QPSK	5	0	Low	22.07	24.21	0.264	1	PASS
Band66	10MHz	132622	QPSK	1	5	High	22.93	25.07	0.321	1	PASS
Band66	10MHz	132622	QPSK	5	1	High	21.49	23.63	0.231	1	PASS
Band66	10MHz	132022	16QAM	1	0	Low	23.21	25.35	0.343	1	PASS
Band66	10MHz	132022	16QAM	5	0	Low	21.99	24.13	0.259	1	PASS
Band66	10MHz	132322	16QAM	1	0	Low	23.34	25.48	0.353	1	PASS
Band66	10MHz	132322	16QAM	5	0	Low	22.07	24.21	0.264	1	PASS
Band66	10MHz	132622	16QAM	1	5	High	23.21	25.35	0.343	1	PASS
Band66	10MHz	132622	16QAM	5	1	High	21.83	23.97	0.249	1	PASS
Band66	15MHz	132047	QPSK	1	0	Low	23.19	25.33	0.341	1	PASS

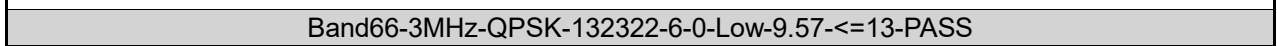
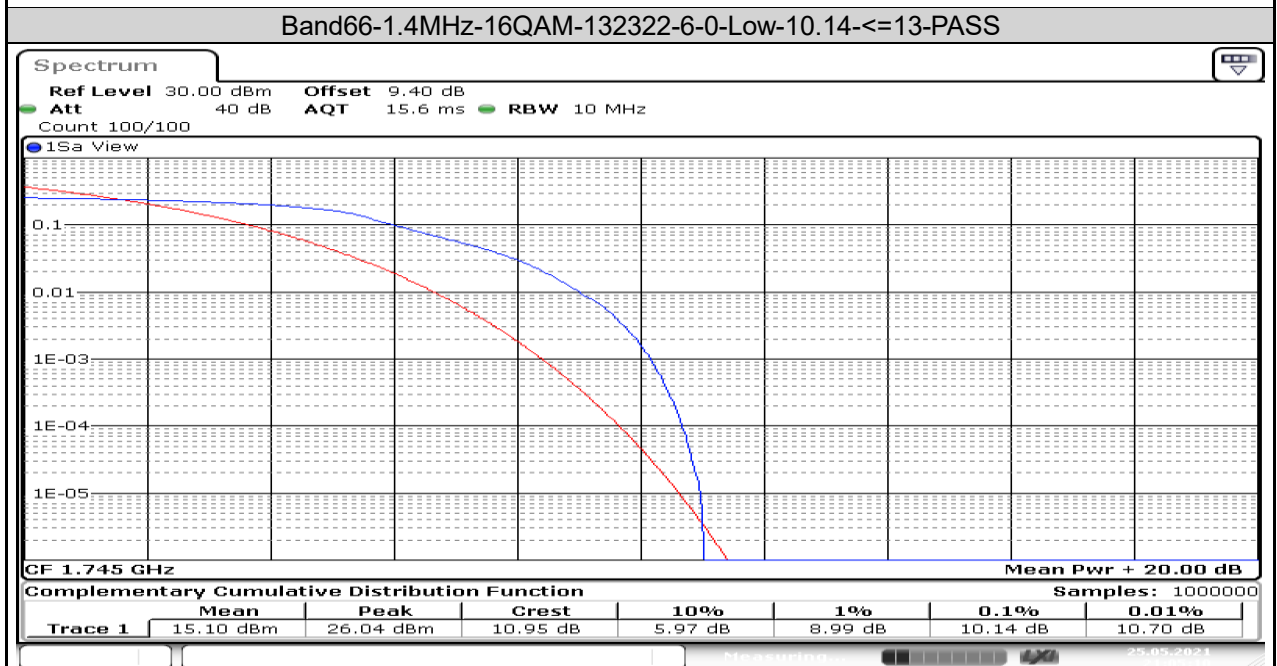
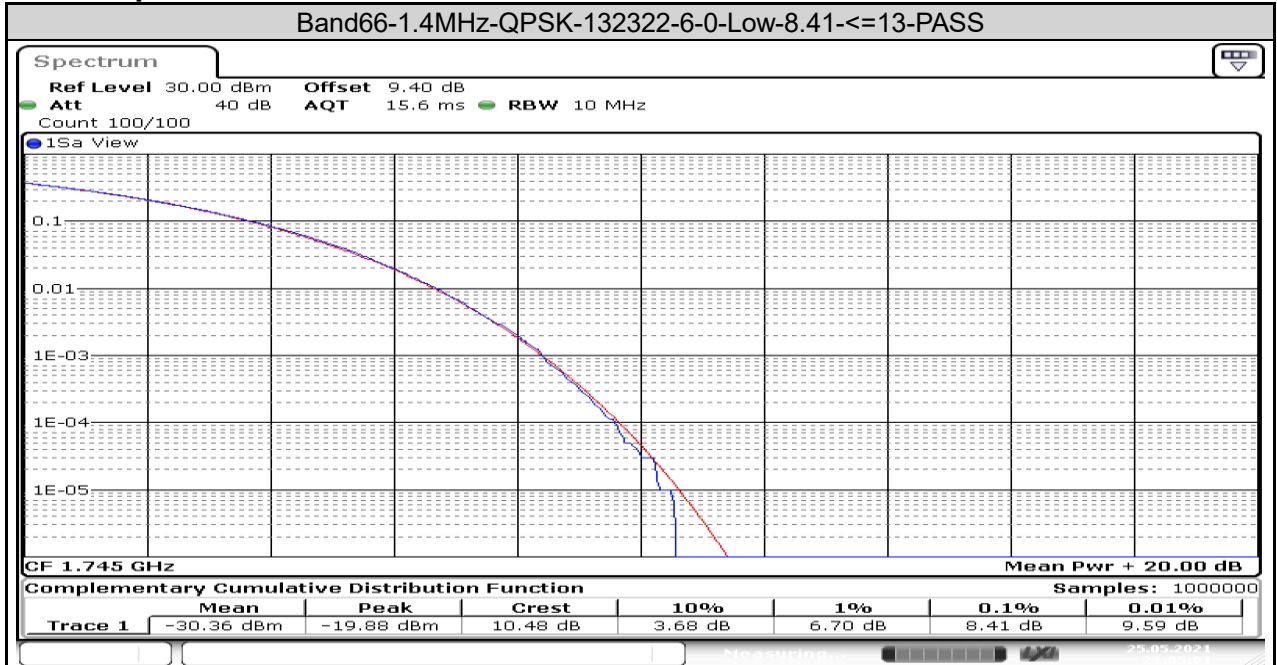
Band66	15MHz	132047	QPSK	6	0	Low	22.92	25.06	0.321	1	PASS
Band66	15MHz	132322	QPSK	1	0	Low	23.13	25.27	0.337	1	PASS
Band66	15MHz	132322	QPSK	6	0	Low	23.08	25.22	0.333	1	PASS
Band66	15MHz	132597	QPSK	1	5	High	23.03	25.17	0.329	1	PASS
Band66	15MHz	132597	QPSK	6	0	High	22.71	24.85	0.305	1	PASS
Band66	15MHz	132047	16QAM	1	0	Low	23.33	25.47	0.352	1	PASS
Band66	15MHz	132047	16QAM	6	0	Low	22.76	24.90	0.309	1	PASS
Band66	15MHz	132322	16QAM	1	0	Low	23.06	25.20	0.331	1	PASS
Band66	15MHz	132322	16QAM	6	0	Low	22.99	25.13	0.326	1	PASS
Band66	15MHz	132597	16QAM	1	5	High	22.98	25.12	0.325	1	PASS
Band66	15MHz	132597	16QAM	6	0	High	22.51	24.65	0.292	1	PASS
Band66	20MHz	132072	QPSK	1	0	Low	23.13	25.27	0.337	1	PASS
Band66	20MHz	132072	QPSK	6	0	Low	22.95	25.09	0.323	1	PASS
Band66	20MHz	132322	QPSK	1	0	Low	23.17	25.31	0.340	1	PASS
Band66	20MHz	132322	QPSK	6	0	Low	23.03	25.17	0.329	1	PASS
Band66	20MHz	132572	QPSK	1	5	High	22.98	25.12	0.325	1	PASS
Band66	20MHz	132572	QPSK	6	0	High	22.57	24.71	0.296	1	PASS
Band66	20MHz	132072	16QAM	1	0	Low	23.24	25.38	0.345	1	PASS
Band66	20MHz	132072	16QAM	6	0	Low	22.79	24.93	0.311	1	PASS
Band66	20MHz	132322	16QAM	1	0	Low	23.24	25.38	0.345	1	PASS
Band66	20MHz	132322	16QAM	6	0	Low	22.88	25.02	0.318	1	PASS
Band66	20MHz	132572	16QAM	1	5	High	22.65	24.79	0.301	1	PASS
Band66	20MHz	132572	16QAM	6	0	High	22.67	24.81	0.303	1	PASS

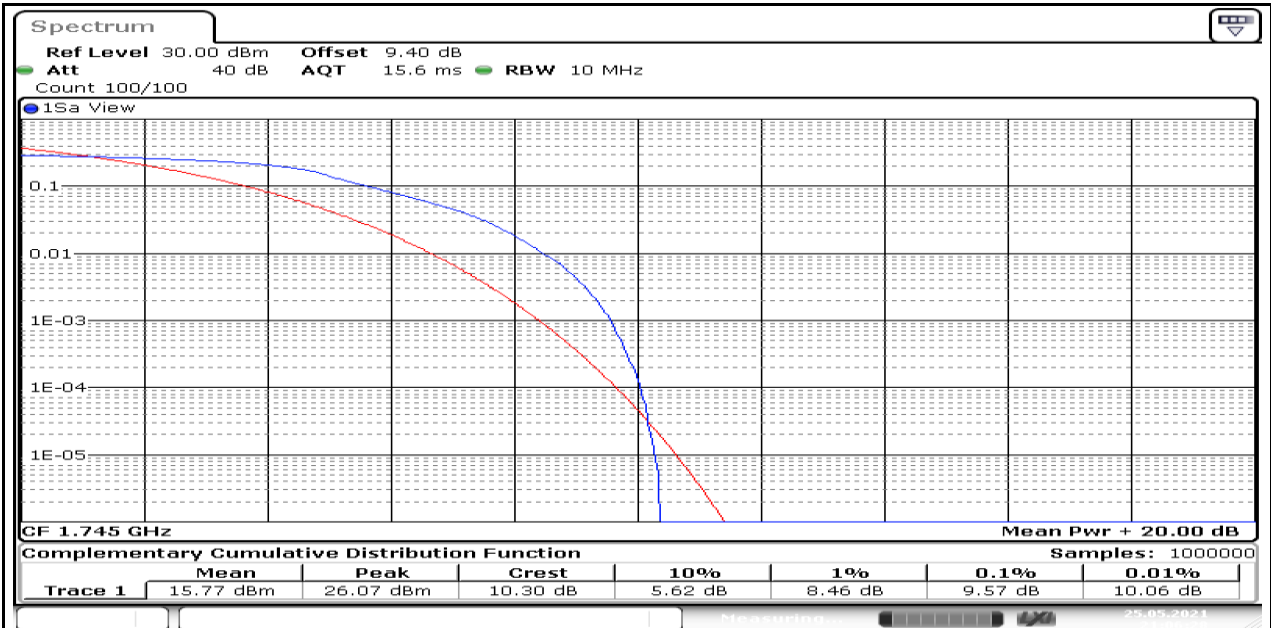
## APPENDIX H.2: PEAK-TO-AVERAGE RATIO (CCDF) FOR M1

### Test Result

Band	Bandwidth	Channel	Modulation	RB Size	RB Start	Index	Result (dB)	Limit (dB)	Verdict
Band66	1.4MHz	132322	QPSK	6	0	Low	8.41	<=13	PASS
Band66	1.4MHz	132322	16QAM	6	0	Low	10.14	<=13	PASS
Band66	3MHz	132322	QPSK	6	0	Low	9.57	<=13	PASS
Band66	3MHz	132322	16QAM	6	0	Low	9.01	<=13	PASS
Band66	5MHz	132322	QPSK	6	0	Low	9.01	<=13	PASS
Band66	5MHz	132322	16QAM	6	0	Low	11.25	<=13	PASS
Band66	10MHz	132322	QPSK	6	0	Low	10.06	<=13	PASS
Band66	10MHz	132322	16QAM	6	0	Low	9.01	<=13	PASS
Band66	15MHz	132322	QPSK	6	0	Low	9.33	<=13	PASS
Band66	15MHz	132322	16QAM	6	0	Low	11.83	<=13	PASS
Band66	20MHz	132322	QPSK	6	0	Low	9.48	<=13	PASS
Band66	20MHz	132322	16QAM	6	0	Low	9.13	<=13	PASS

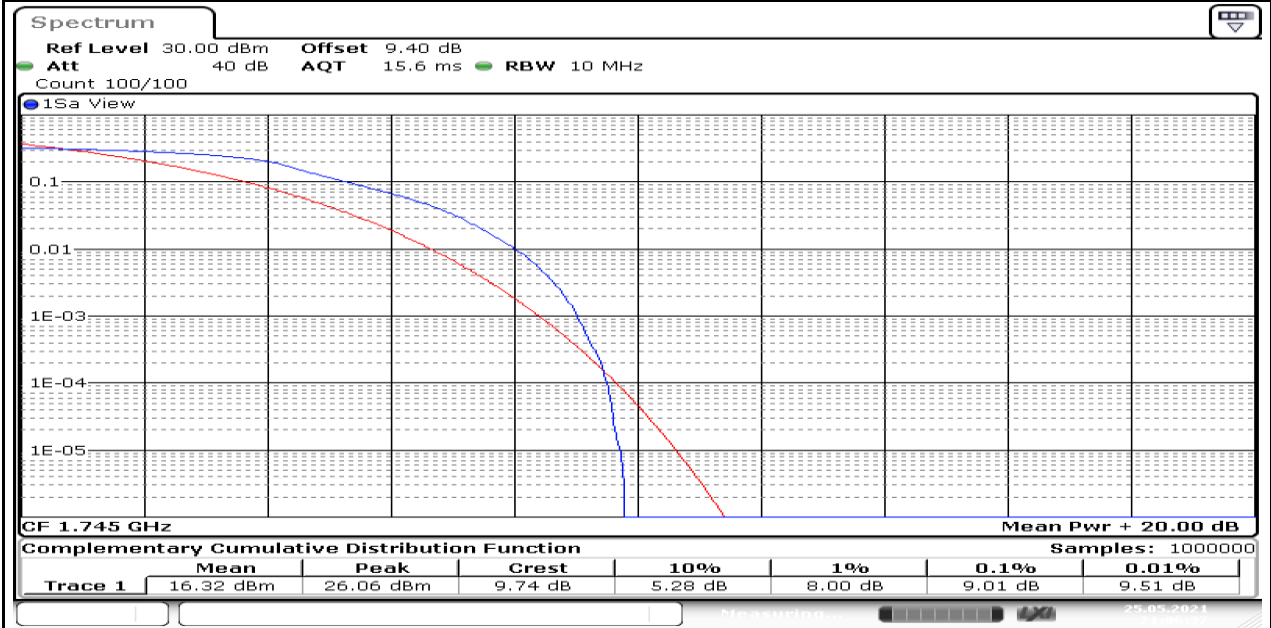
### Test Graphs





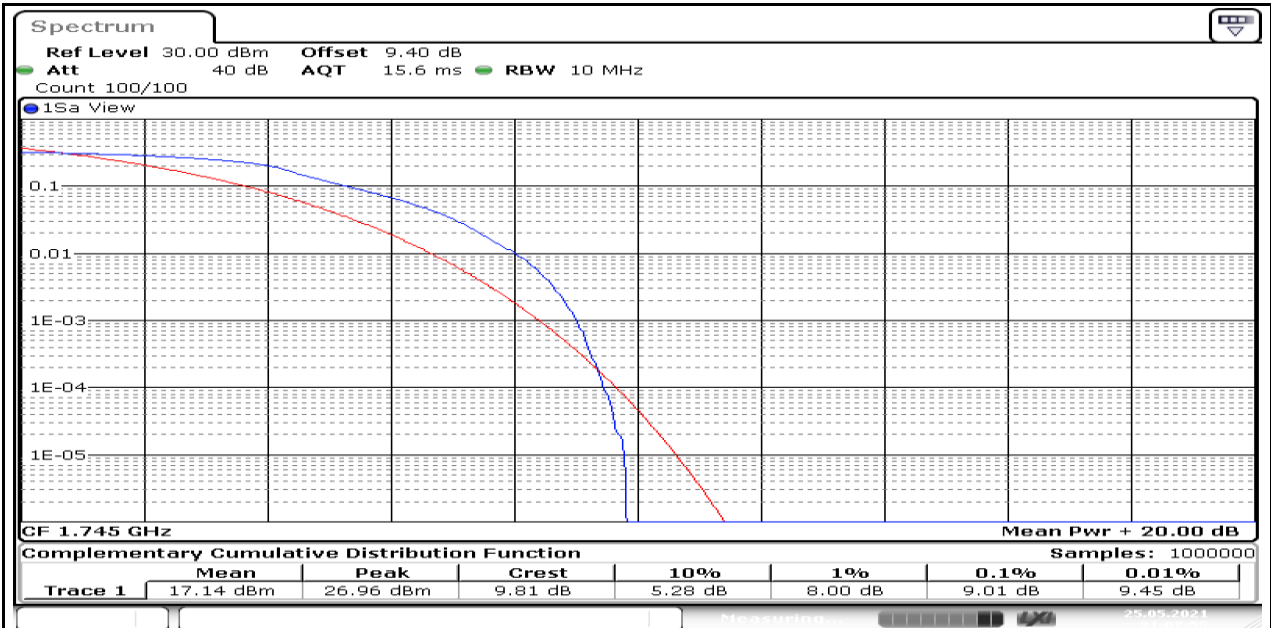
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Band66-3MHz-16QAM-132322-6-0-Low-9.01-<=13-PASS



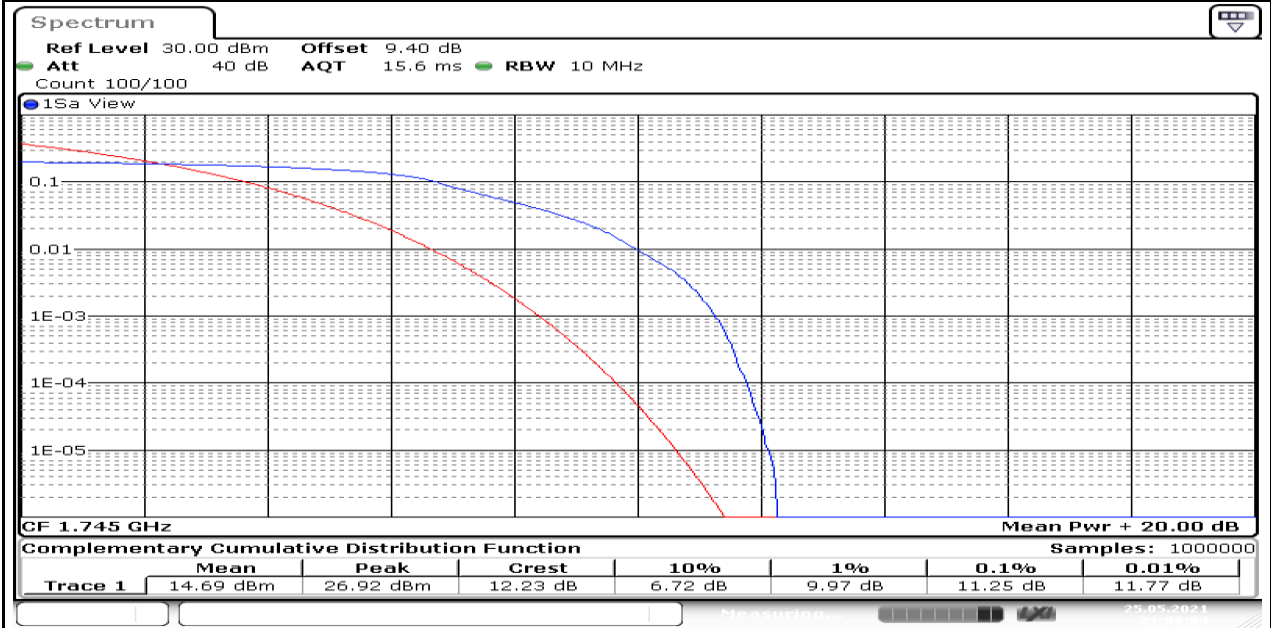
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Band66-5MHz-QPSK-132322-6-0-Low-9.01-<=13-PASS



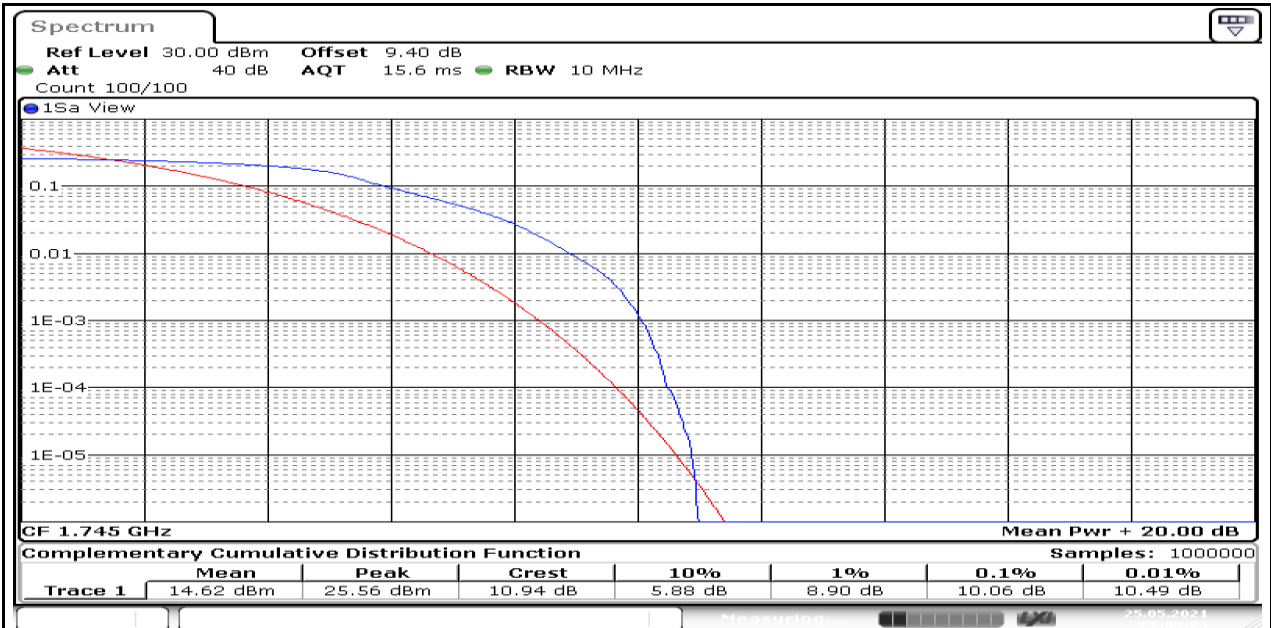
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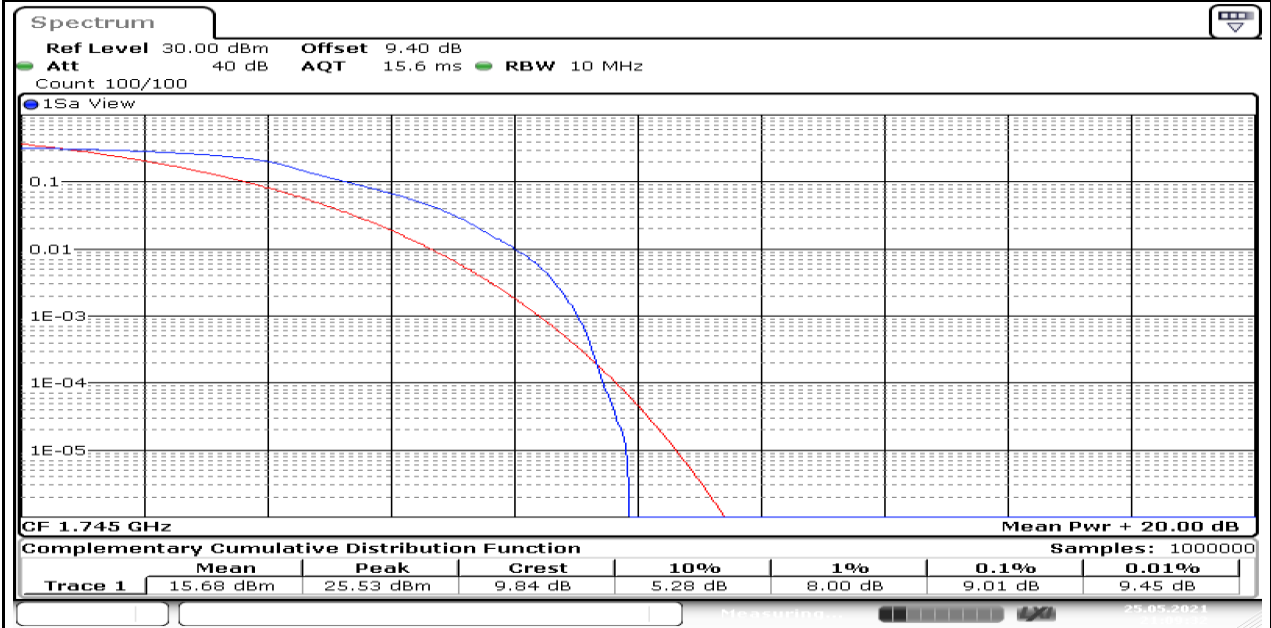


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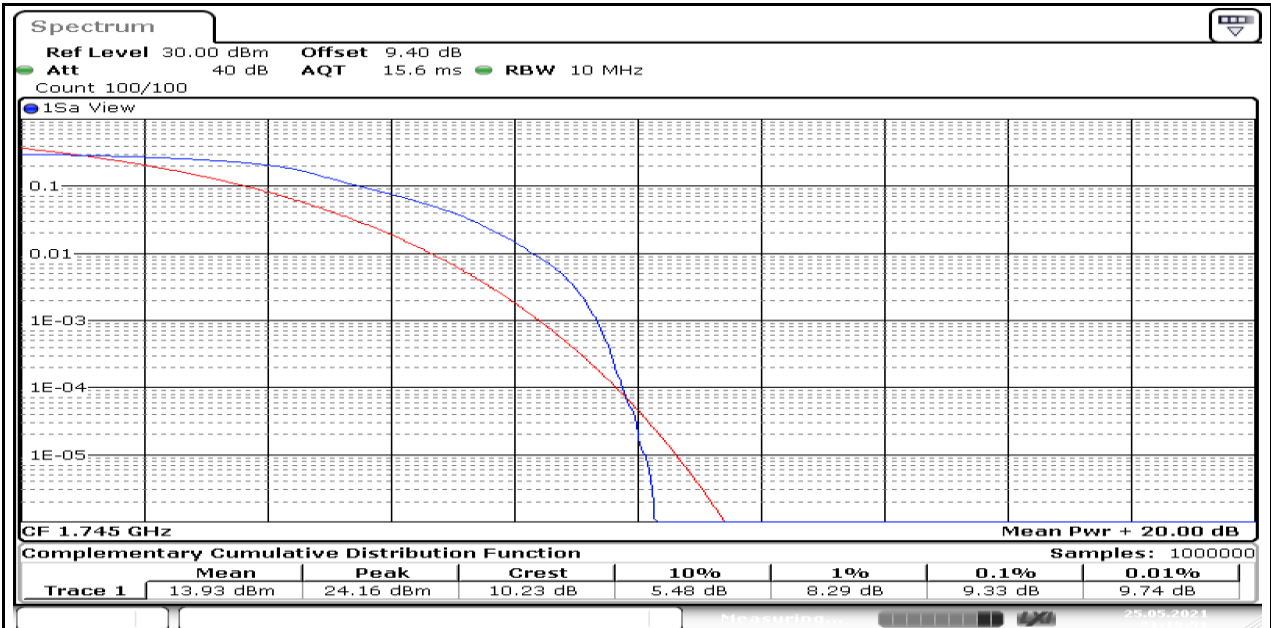


Band66-10MHz-16QAM-132322-6-0-Low-9.01-<=13-PASS

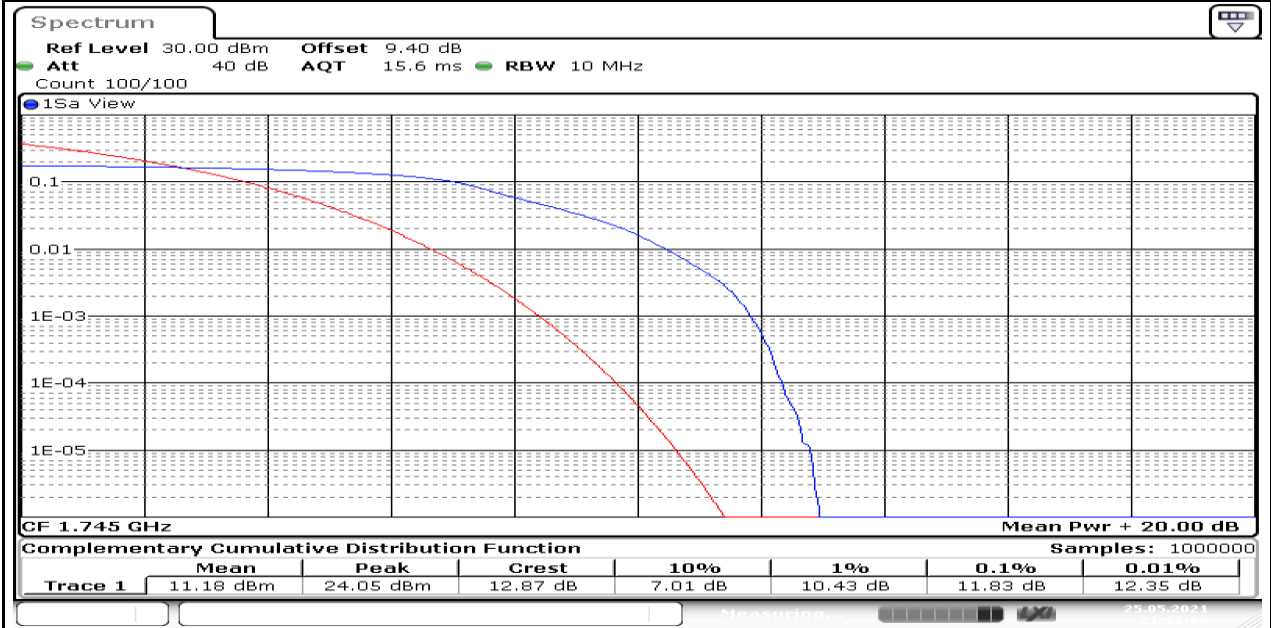


Band66-15MHz-QPSK-132322-6-0-Low-9.33-<=13-PASS

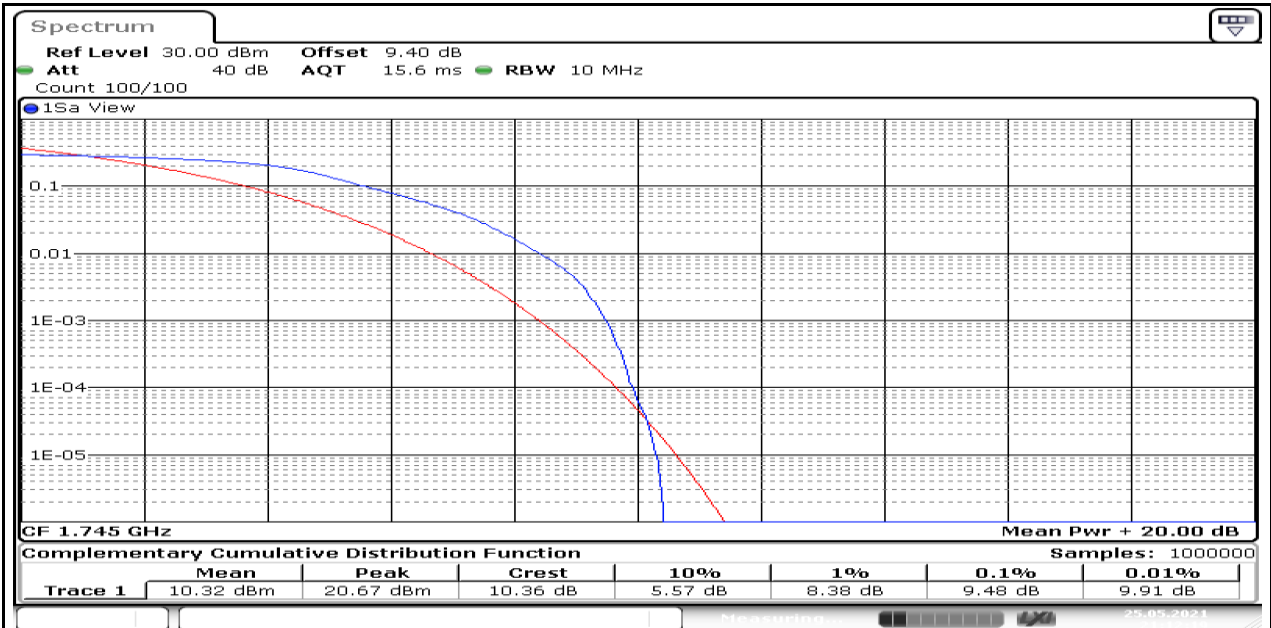




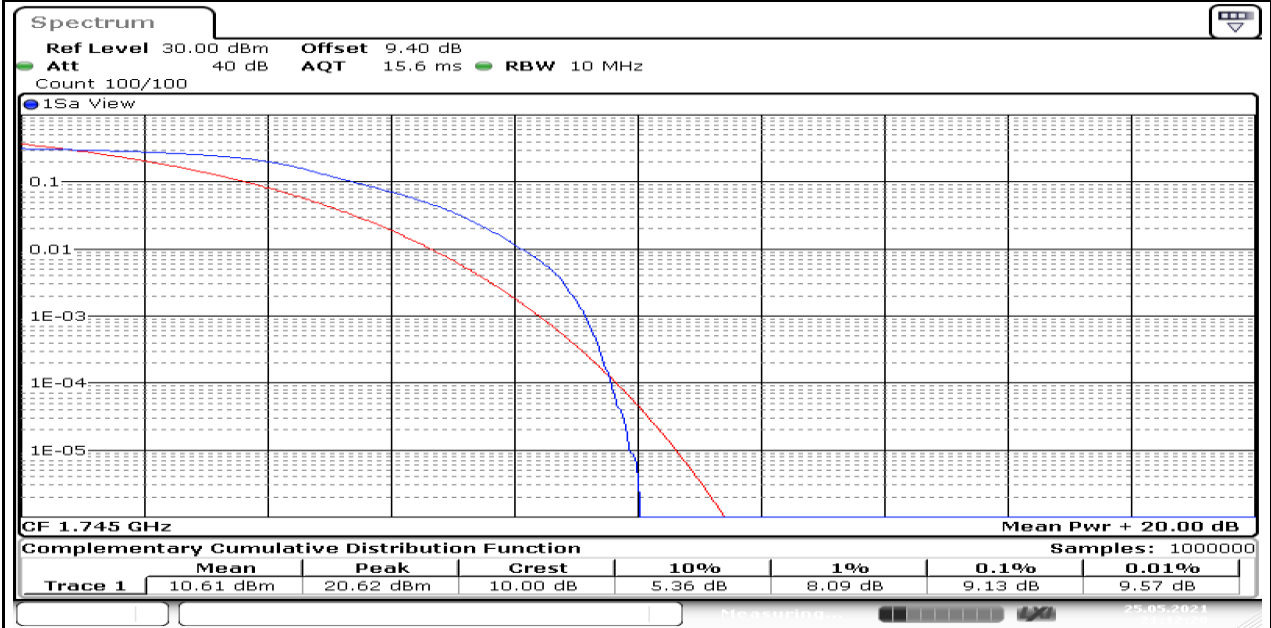
Band66-15MHz-16QAM-132322-6-0-Low-11.83-<=13-PASS



Band66-20MHz-QPSK-132322-6-0-Low-9.48-<=13-PASS



Band66-20MHz-16QAM-132322-6-0-Low-9.13-<=13-PASS

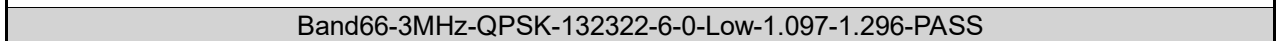
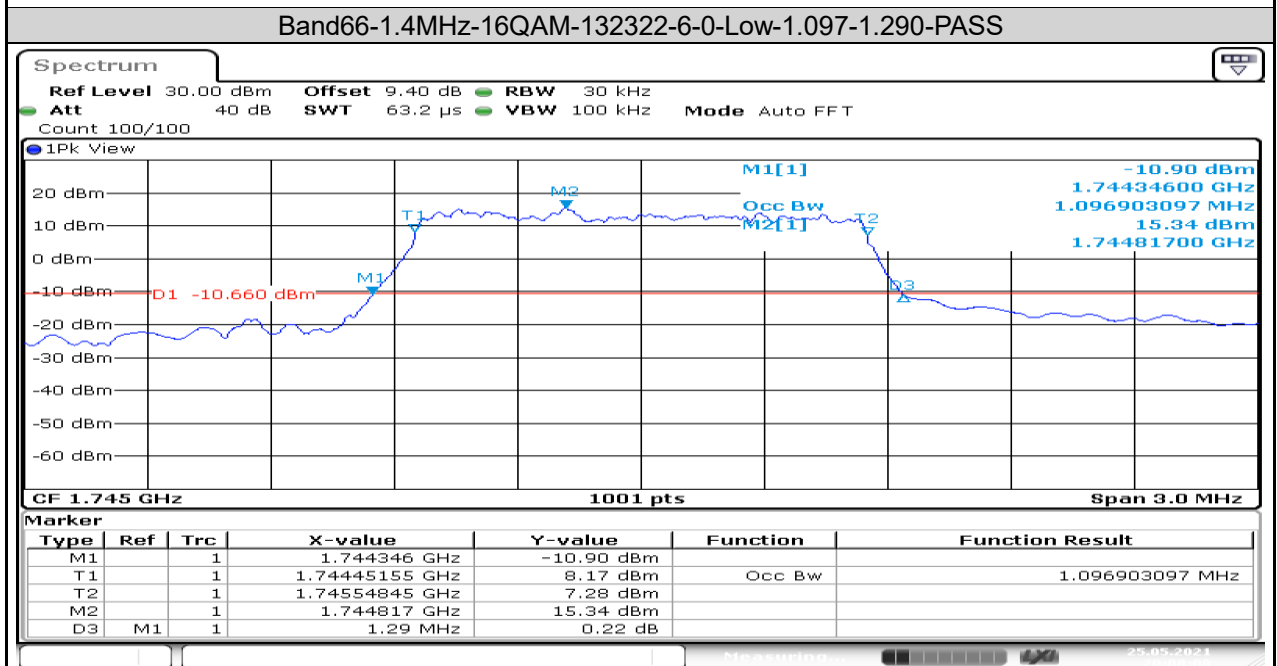
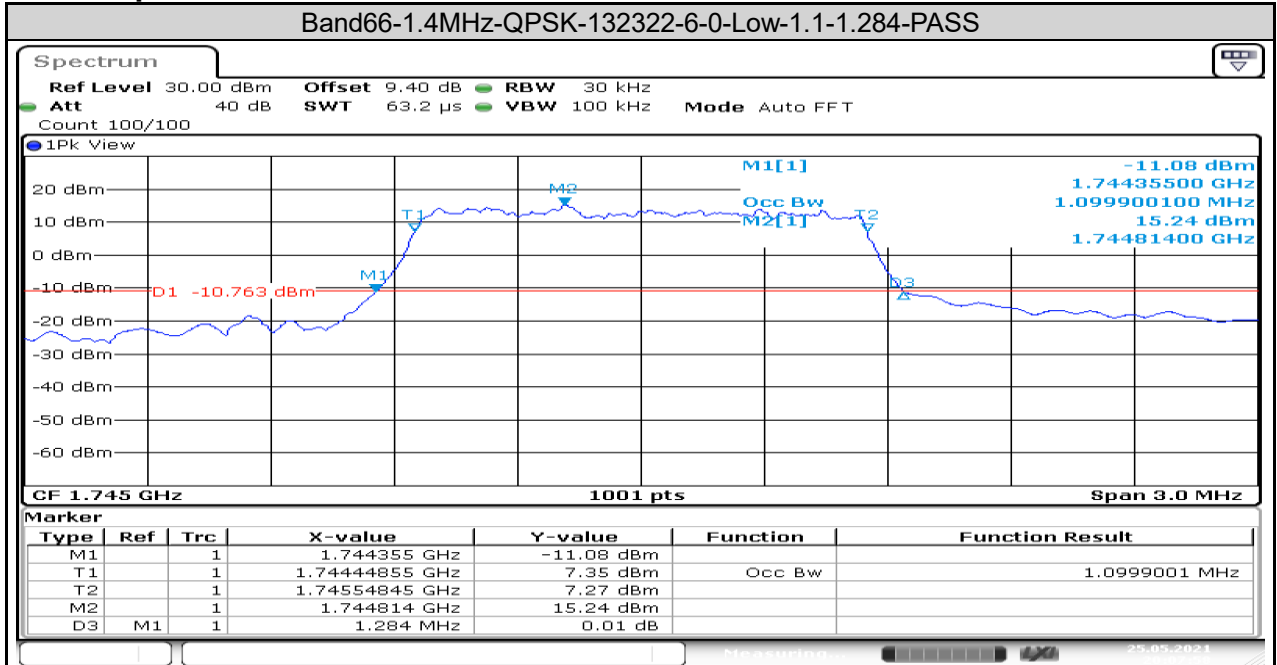


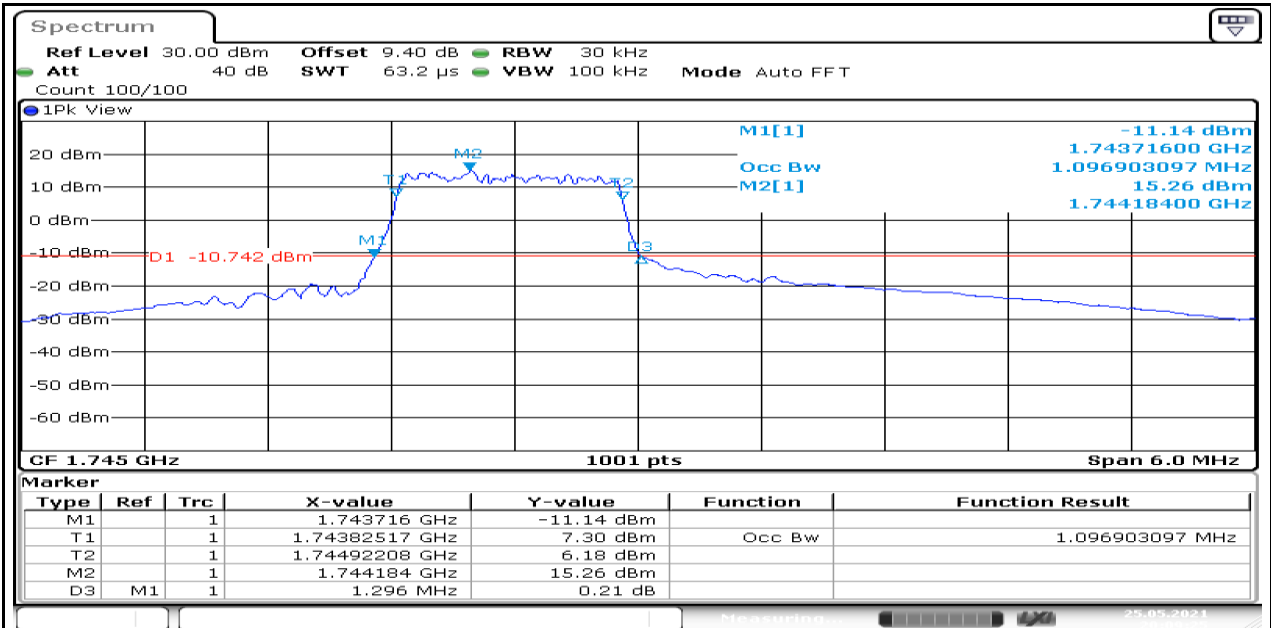
### APPENDIX H.3: 26dB BANDWIDTH AND OCCUPIED BANDWIDTH FOR M1

#### Test Result

Band	Bandwidth	Channel	Modulation	RB Size	RB Start	Index	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	132322	QPSK	6	0	Low	1.1	1.284	PASS
Band66	1.4MHz	132322	16QAM	6	0	Low	1.097	1.290	PASS
Band66	3MHz	132322	QPSK	6	0	Low	1.097	1.296	PASS
Band66	3MHz	132322	16QAM	6	0	Low	1.097	1.296	PASS
Band66	5MHz	132322	QPSK	6	0	Low	1.109	1.310	PASS
Band66	5MHz	132322	16QAM	6	0	Low	1.109	1.310	PASS
Band66	10MHz	132322	QPSK	6	0	Low	1.099	1.320	PASS
Band66	10MHz	132322	16QAM	6	0	Low	1.099	1.320	PASS
Band66	15MHz	132322	QPSK	6	0	Low	1.139	1.380	PASS
Band66	15MHz	132322	16QAM	6	0	Low	1.139	1.380	PASS
Band66	20MHz	132322	QPSK	6	0	Low	1.119	1.360	PASS
Band66	20MHz	132322	16QAM	6	0	Low	1.119	1.400	PASS

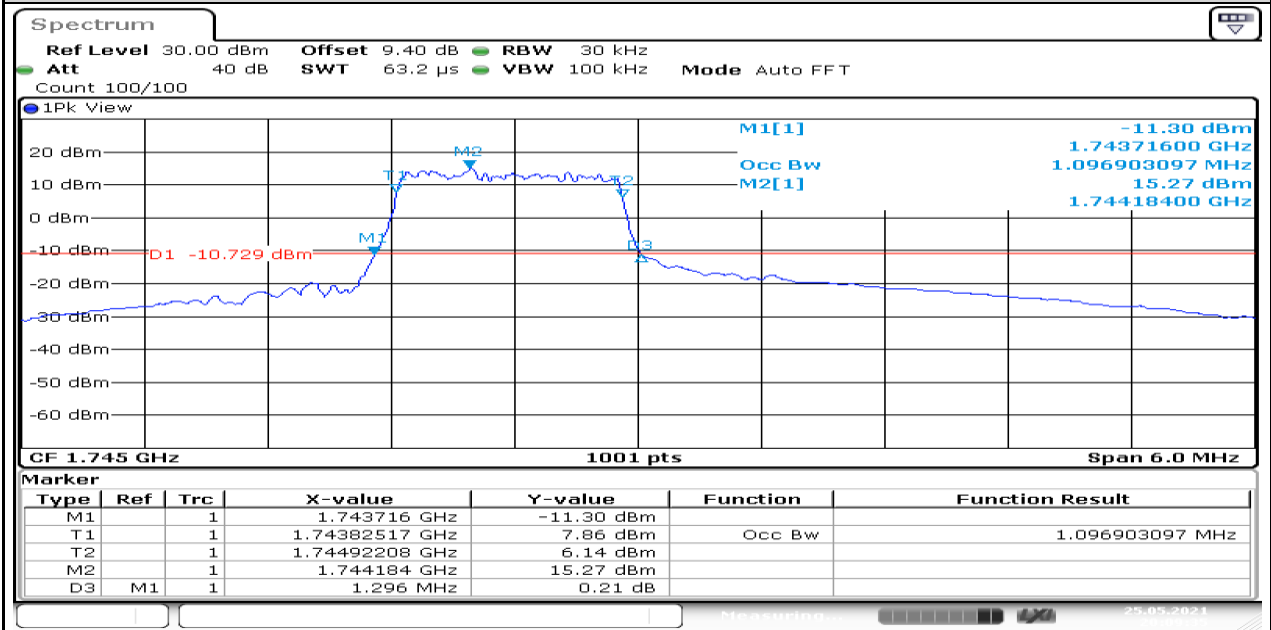
### Test Graphs





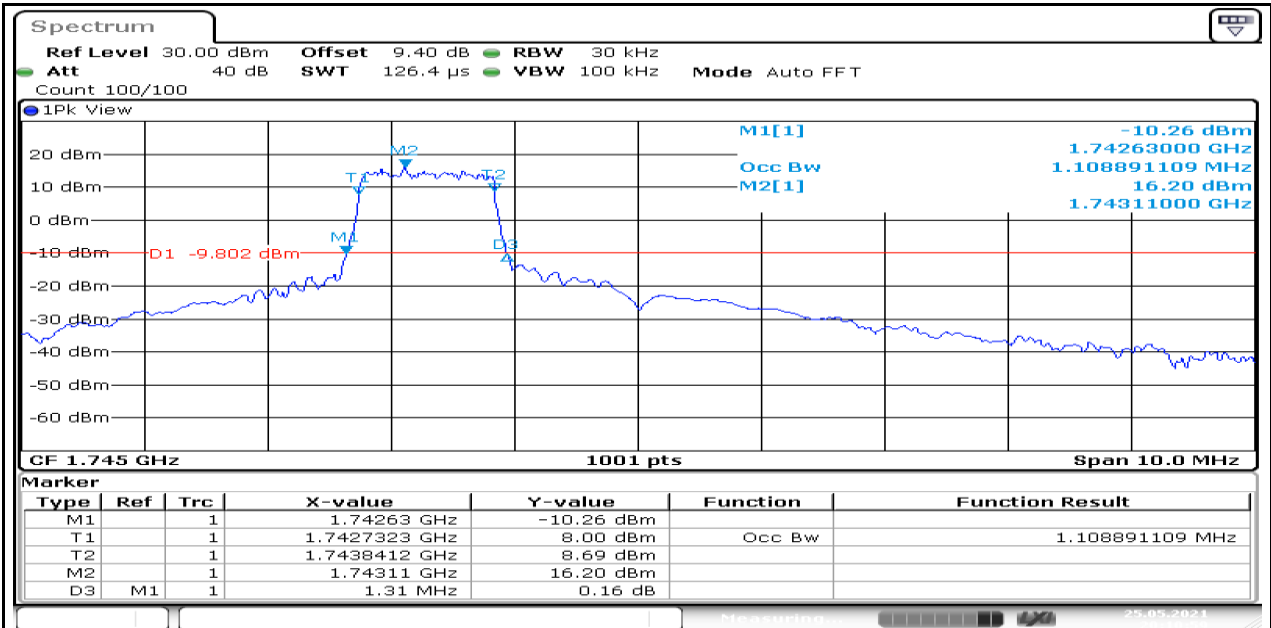
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Band66-3MHz-16QAM-132322-6-0-Low-1.097-1.296-PASS



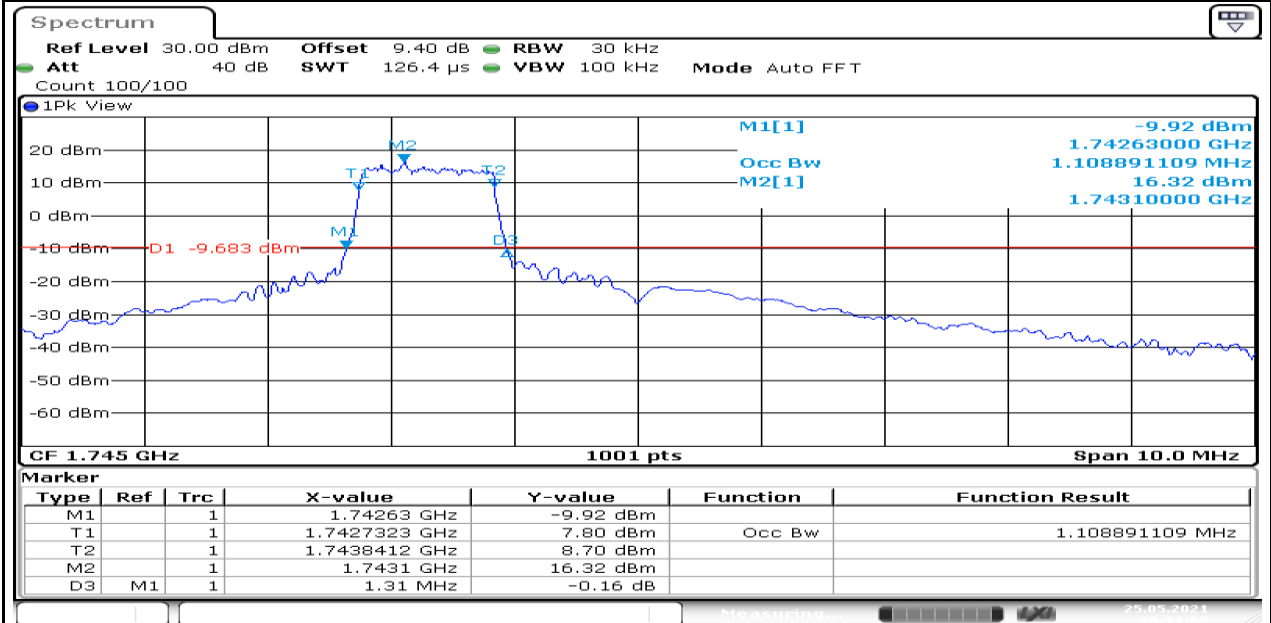
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Band66-5MHz-QPSK-132322-6-0-Low-1.109-1.310-PASS



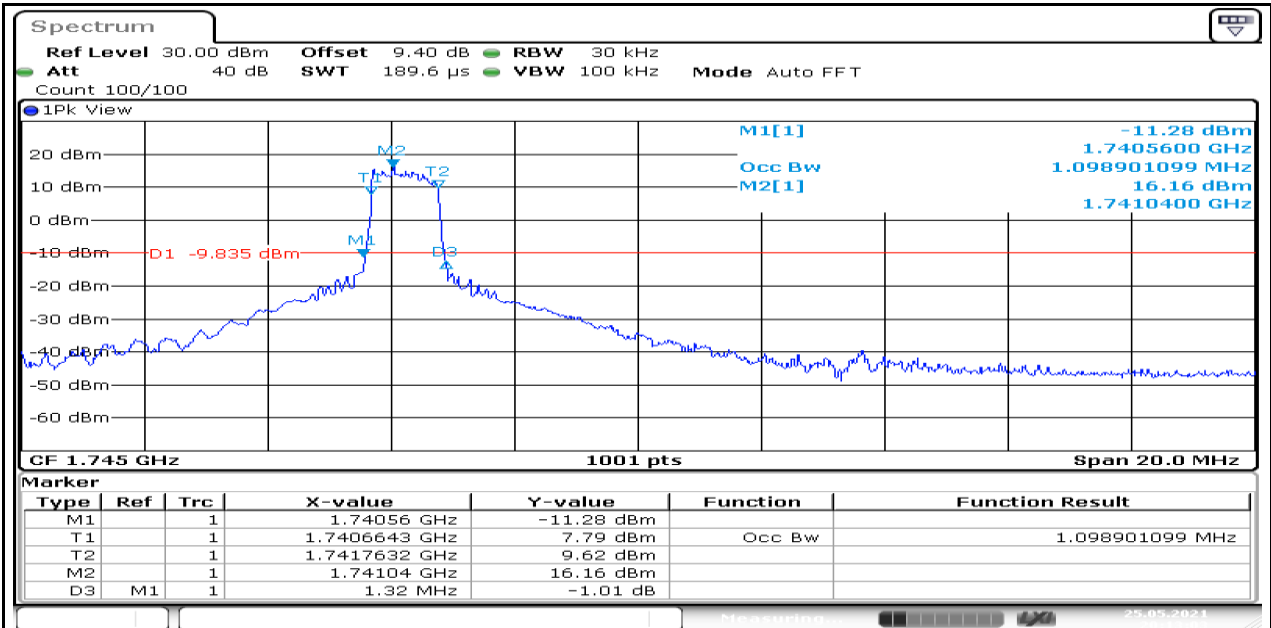
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Band66-5MHz-16QAM-132322-6-0-Low-1.109-1.310-PASS



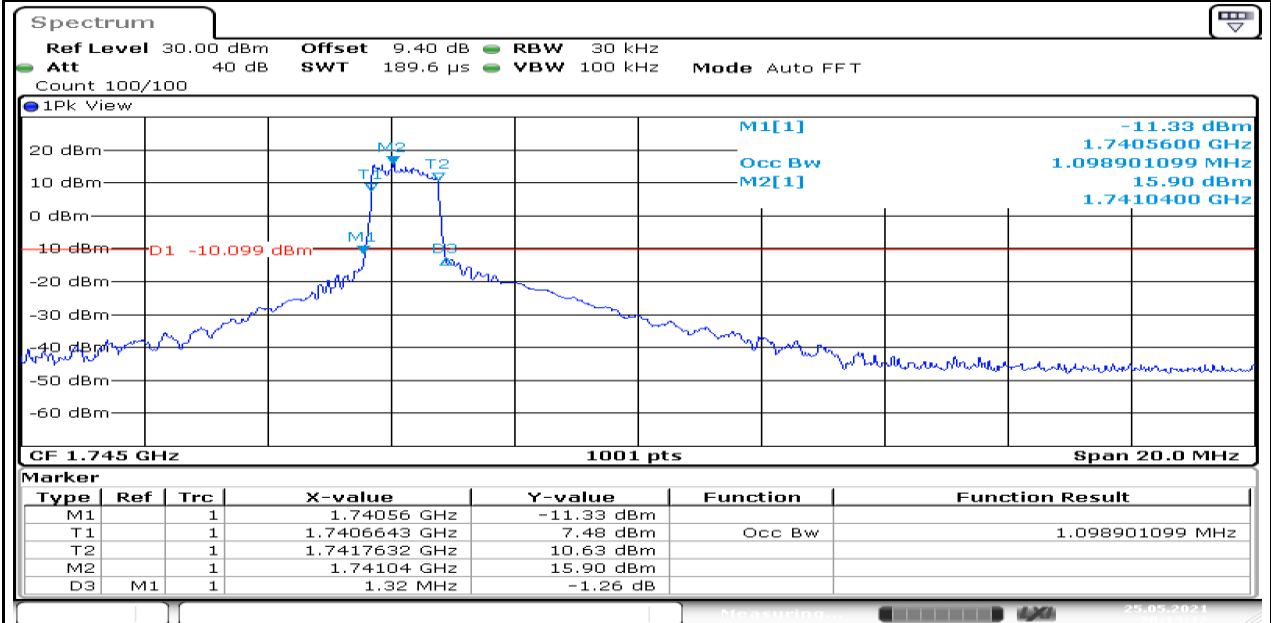
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Band66-10MHz-QPSK-132322-6-0-Low-1.099-1.320-PASS



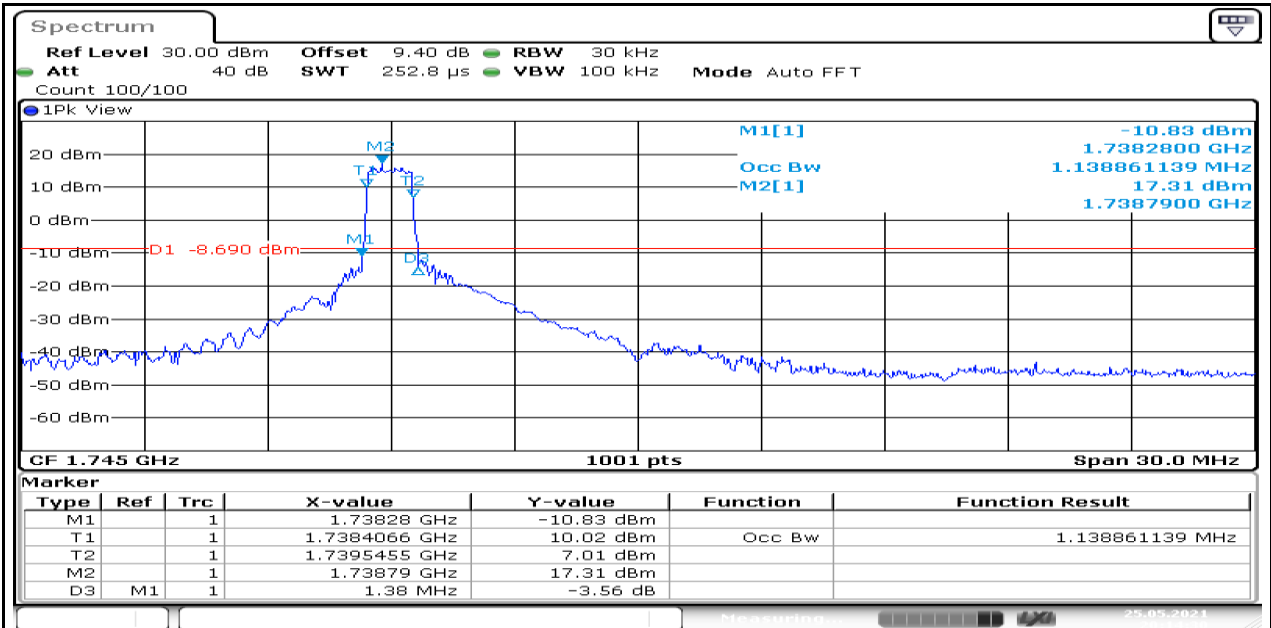
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Band66-10MHz-16QAM-132322-6-0-Low-1.099-1.320-PASS



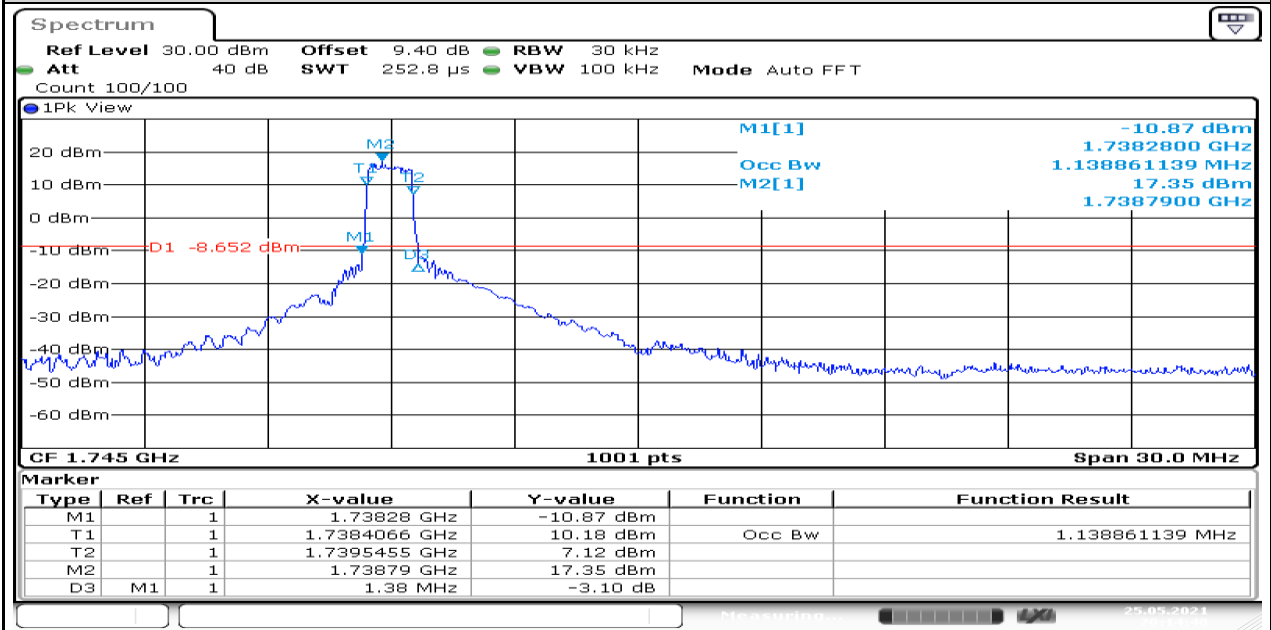
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Band66-15MHz-QPSK-132322-6-0-Low-1.139-1.380-PASS



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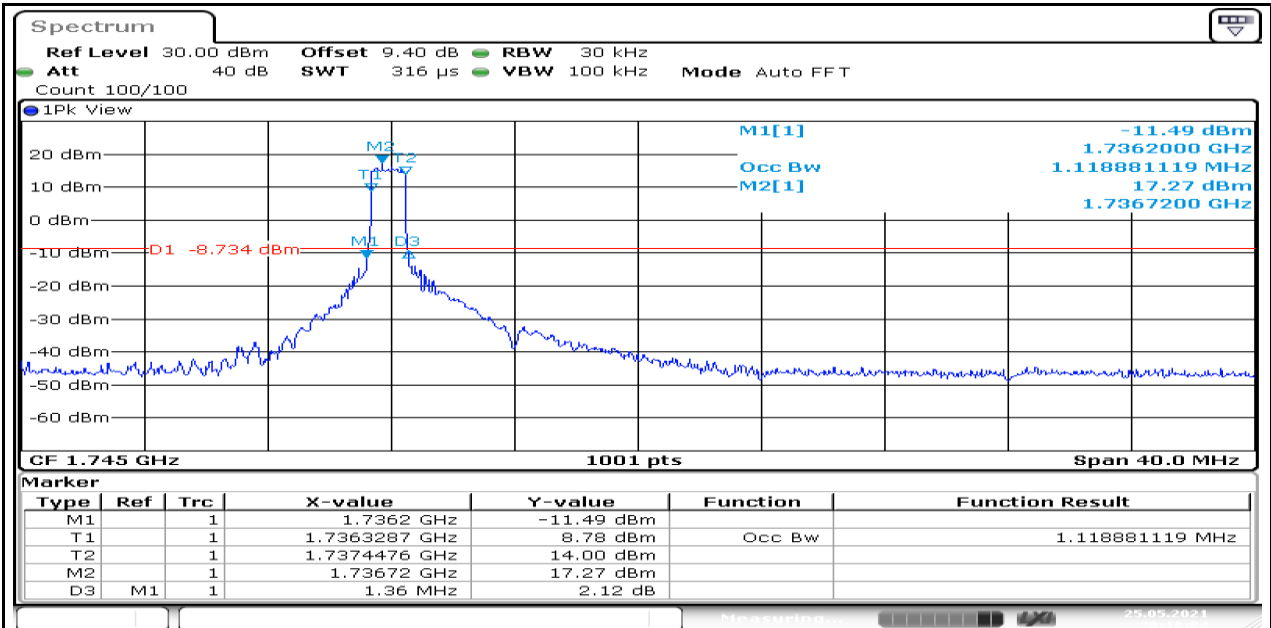
Band66-15MHz-16QAM-132322-6-0-Low-1.139-1.380-PASS



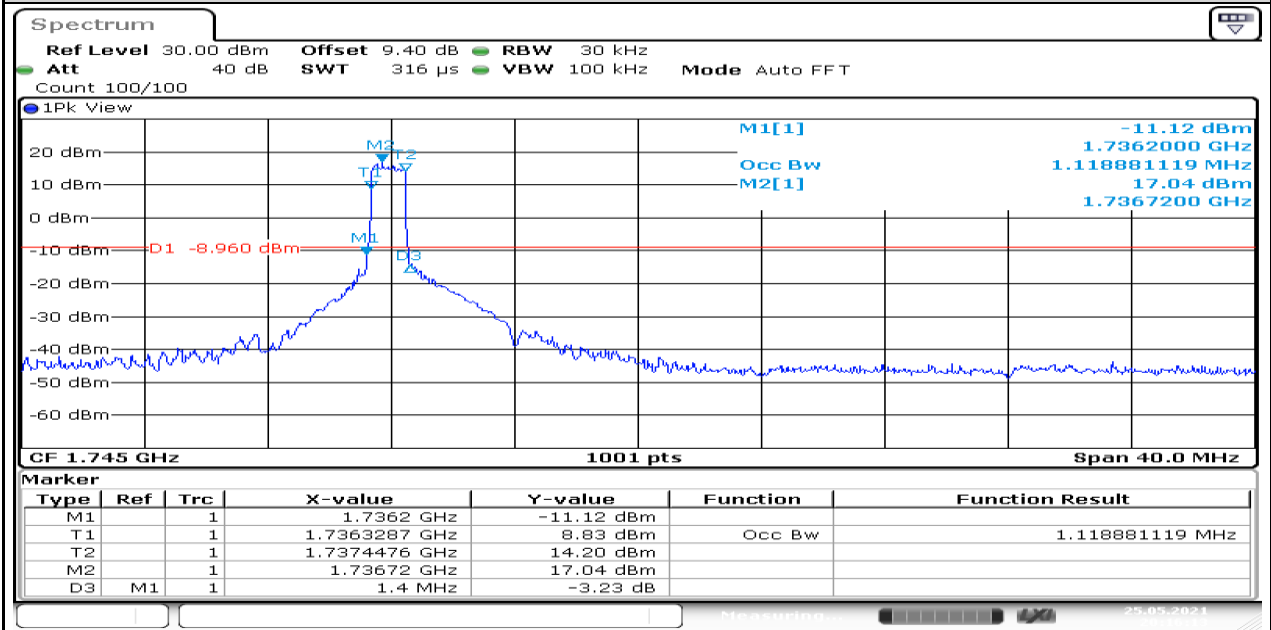
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Band66-20MHz-QPSK-132322-6-0-Low-1.119-1.360-PASS





Band66-20MHz-16QAM-132322-6-0-Low-1.119-1.400-PASS

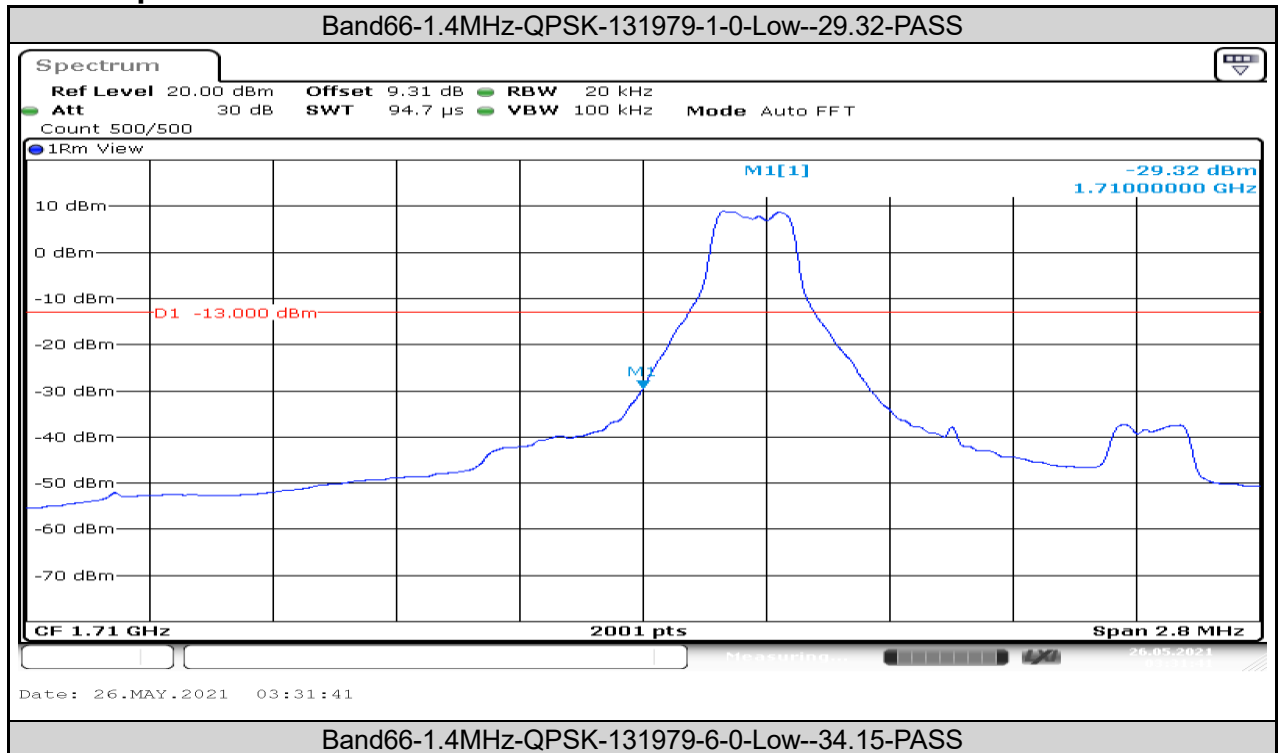


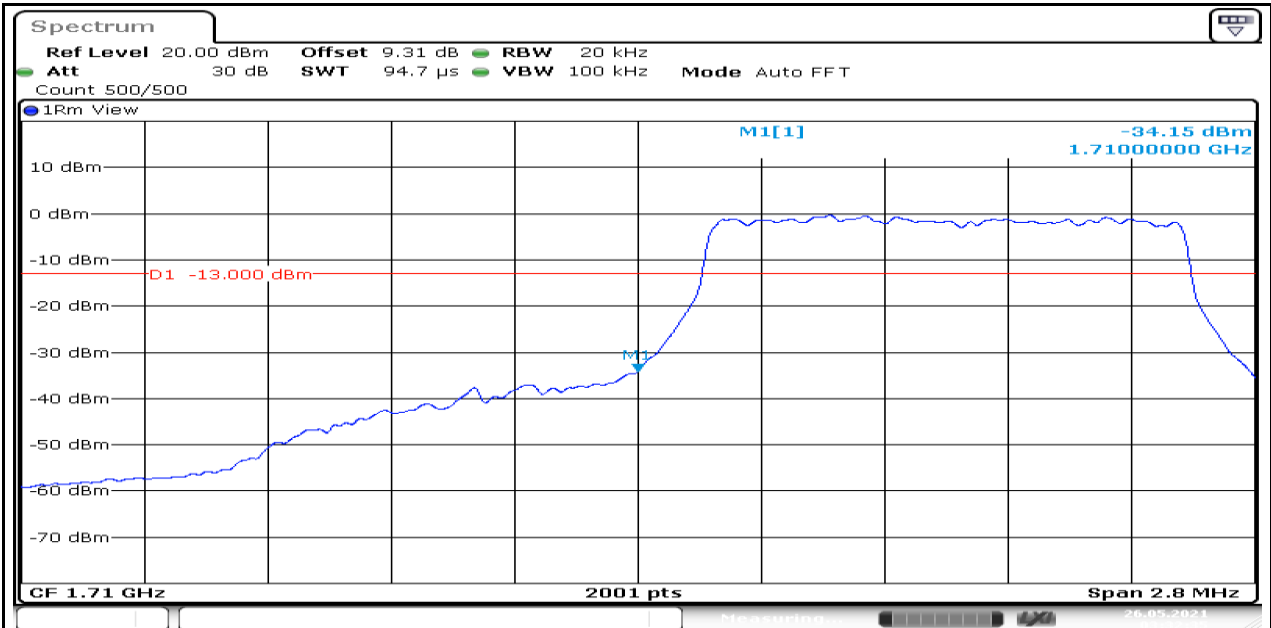
## APPENDIX H.4: BAND EDGE FOR M1

### Test Result

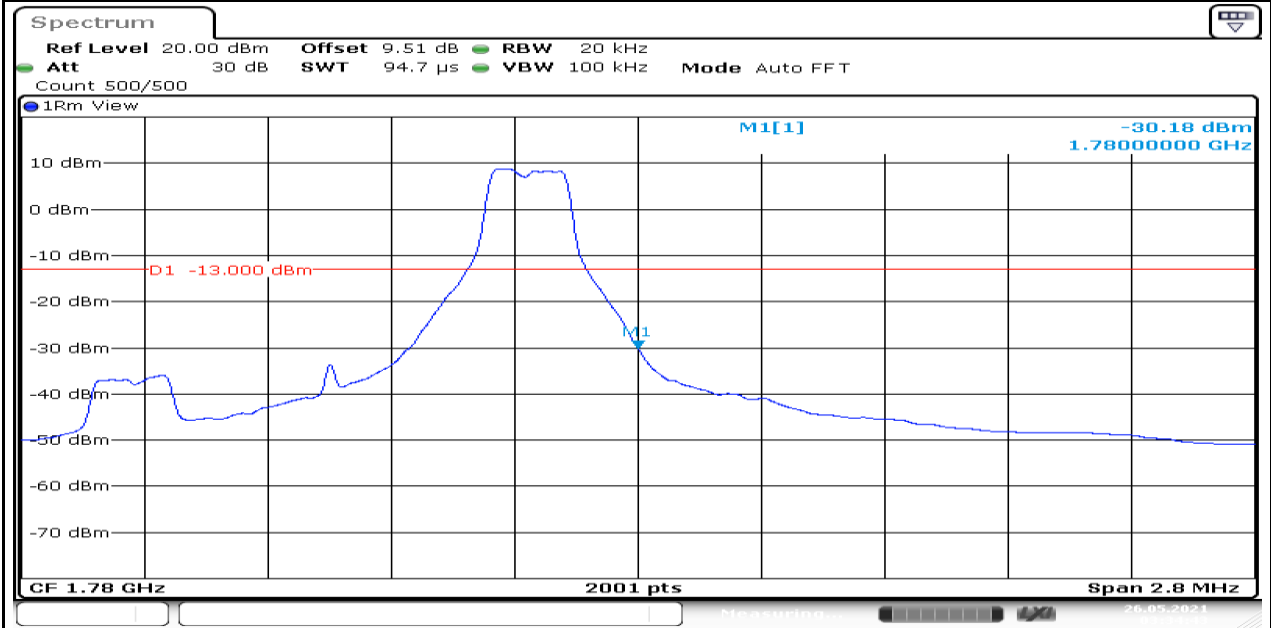
Band	Bandwidth	Channel	Modulation	RB Size	RB Start	NB Index	Result(dBm)	Verdict
Band66	1.4MHz	131979	QPSK	1	0	Low	-29.32	PASS
Band66	1.4MHz	131979	QPSK	6	0	Low	-34.15	PASS
Band66	1.4MHz	132665	QPSK	1	5	Low	-30.18	PASS
Band66	1.4MHz	132665	QPSK	6	0	Low	-34.29	PASS
Band66	1.4MHz	131979	16QAM	1	0	Low	-30.71	PASS
Band66	1.4MHz	131979	16QAM	6	0	Low	-34.38	PASS
Band66	1.4MHz	132665	16QAM	1	5	Low	-31.81	PASS
Band66	1.4MHz	132665	16QAM	6	0	Low	-35.39	PASS

### Test Graphs

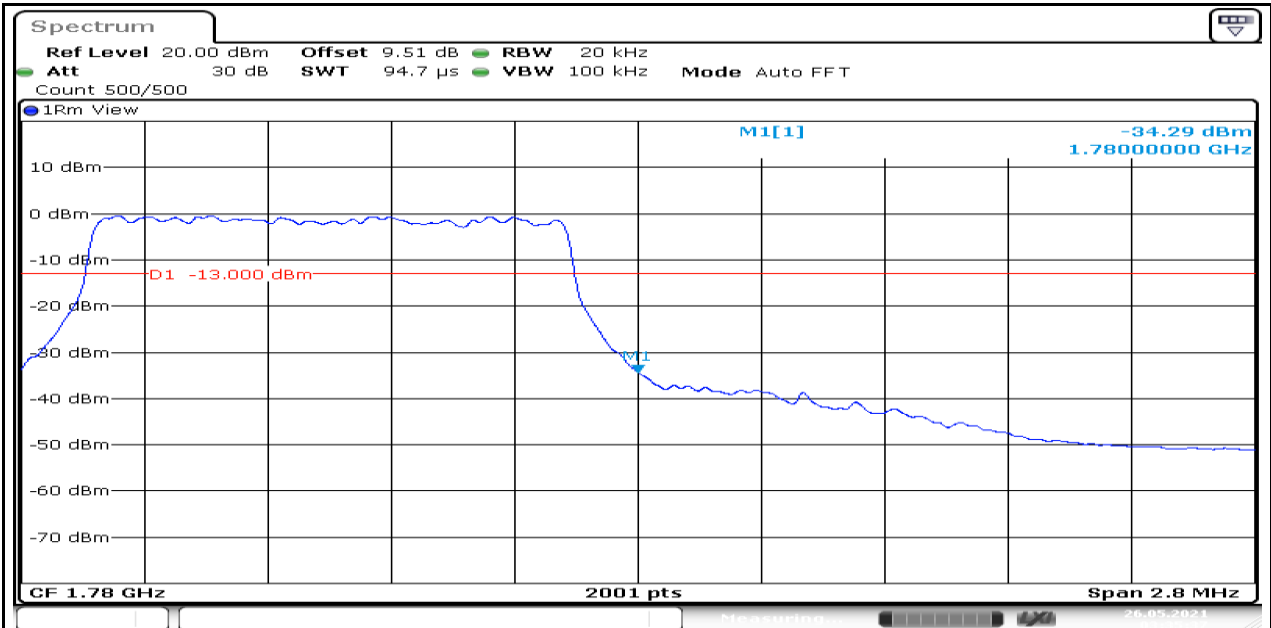




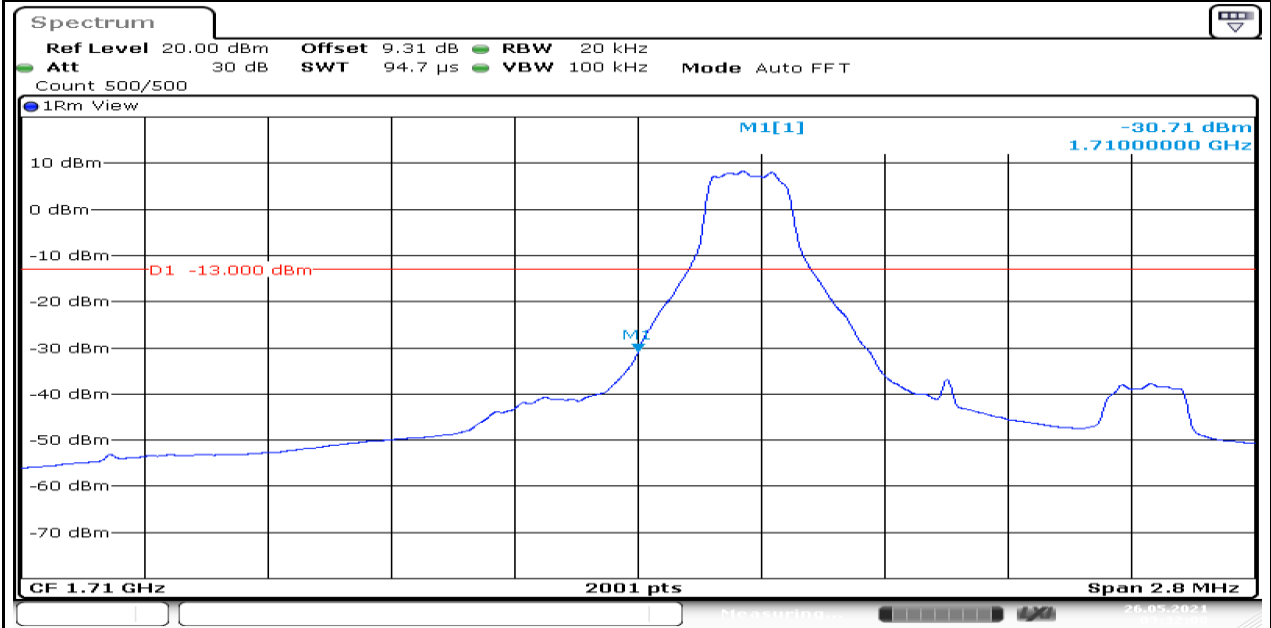
Band66-1.4MHz-QPSK-132665-1-5-Low--30.18-PASS



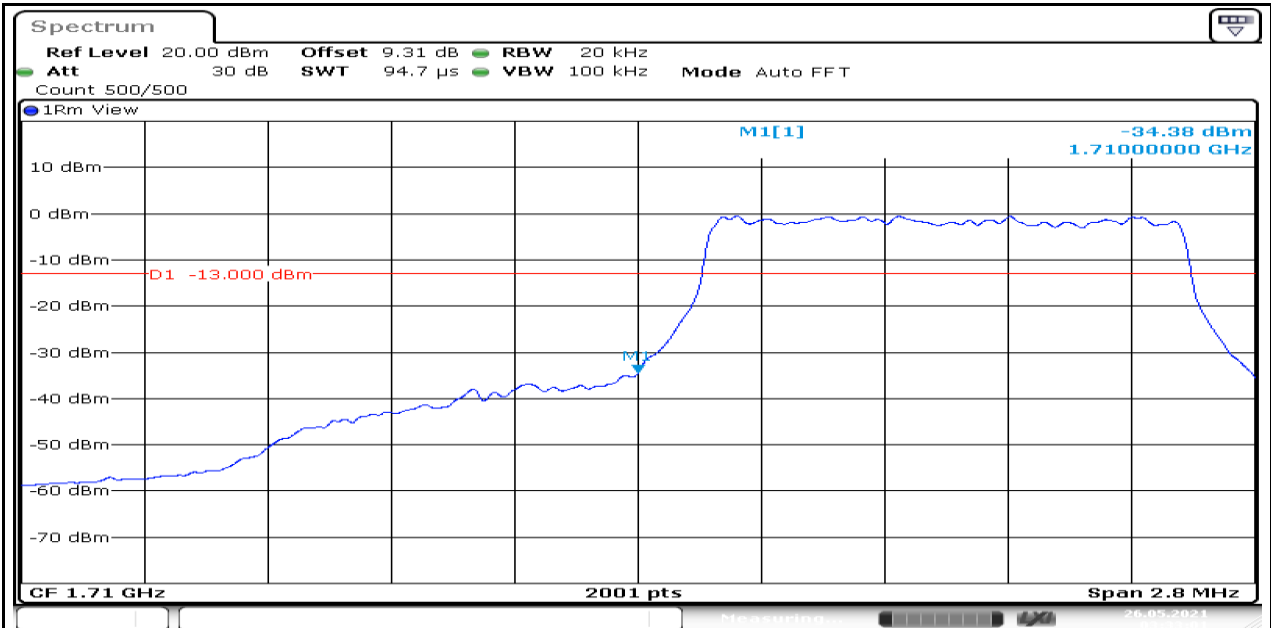
Band66-1.4MHz-QPSK-132665-6-0-Low--34.29-PASS



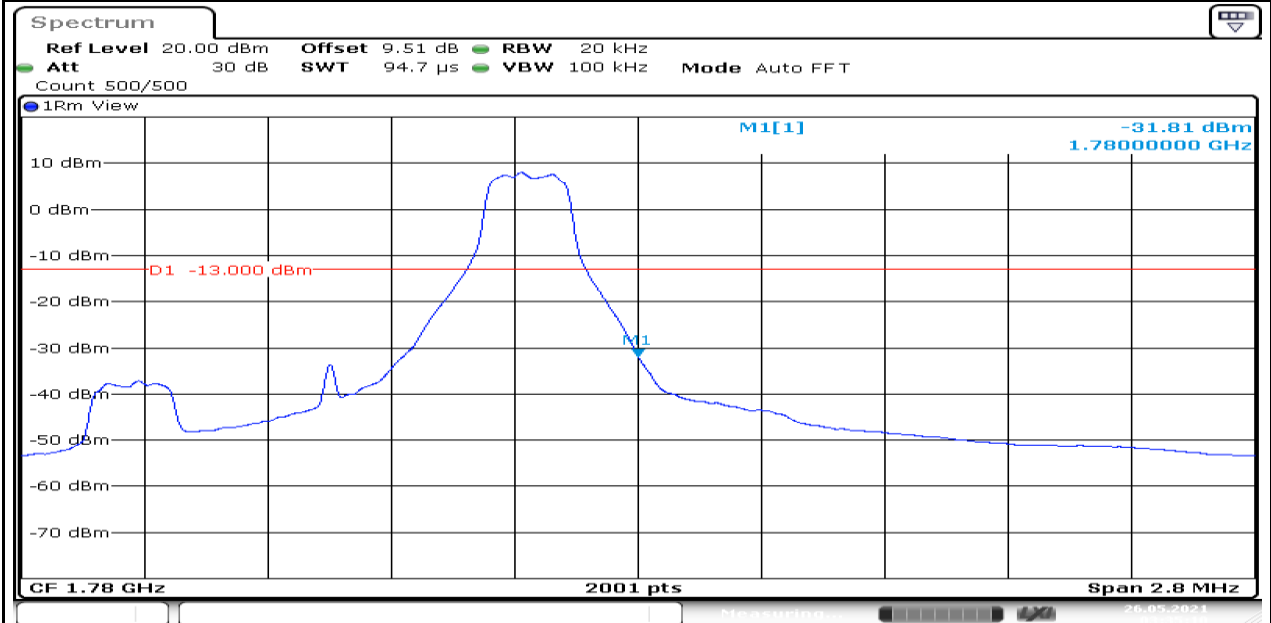
Band66-1.4MHz-16QAM-131979-1-0-Low--30.71-PASS



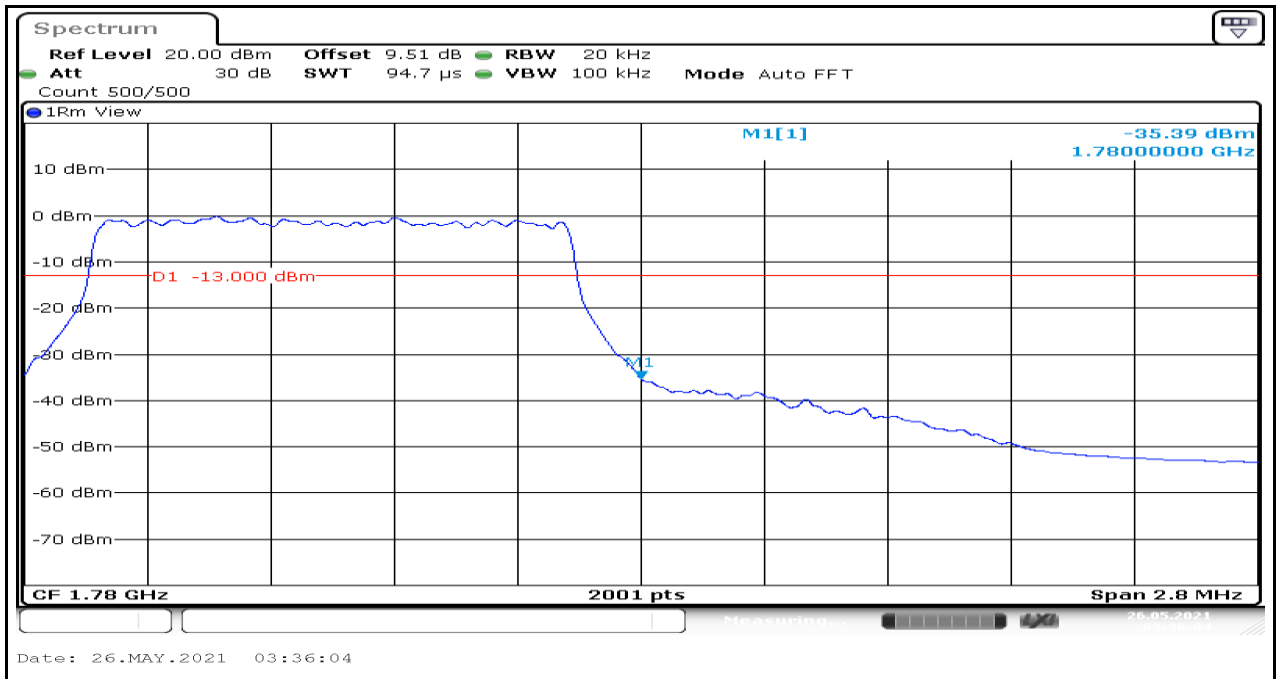
Band66-1.4MHz-16QAM-131979-6-0-Low--34.38-PASS



Band66-1.4MHz-16QAM-132665-1-5-Low--31.81-PASS



Band66-1.4MHz-16QAM-132665-6-0-Low--35.39-PASS



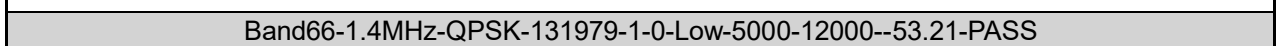
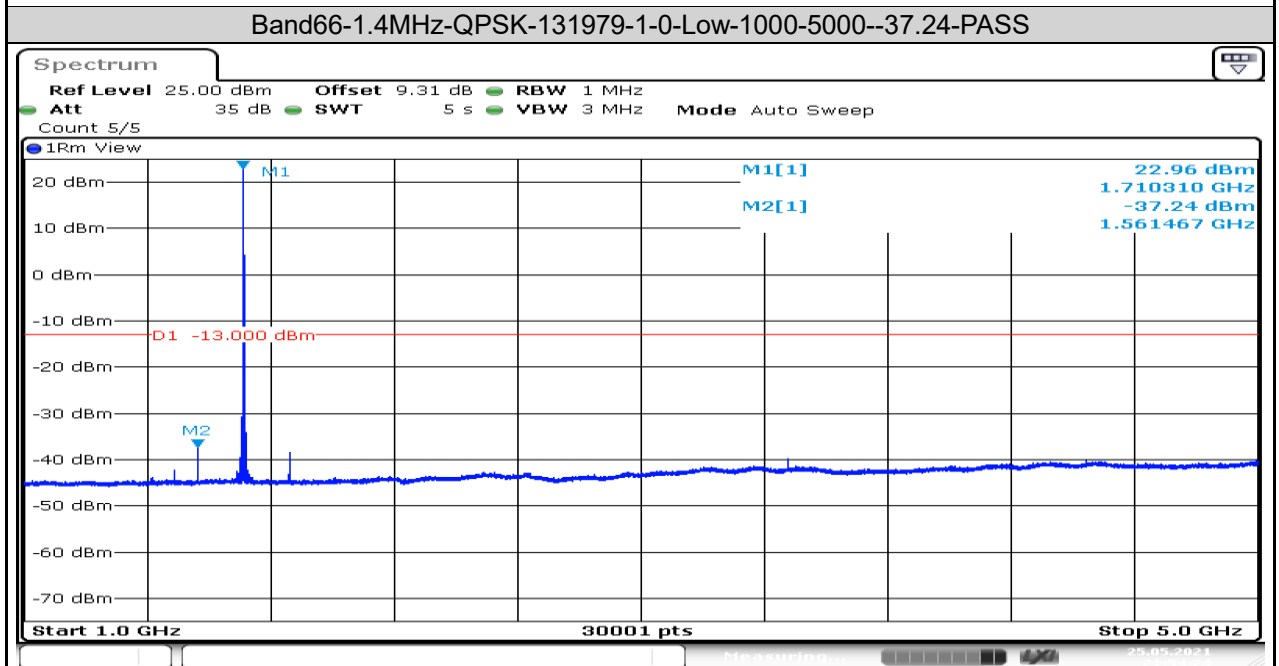
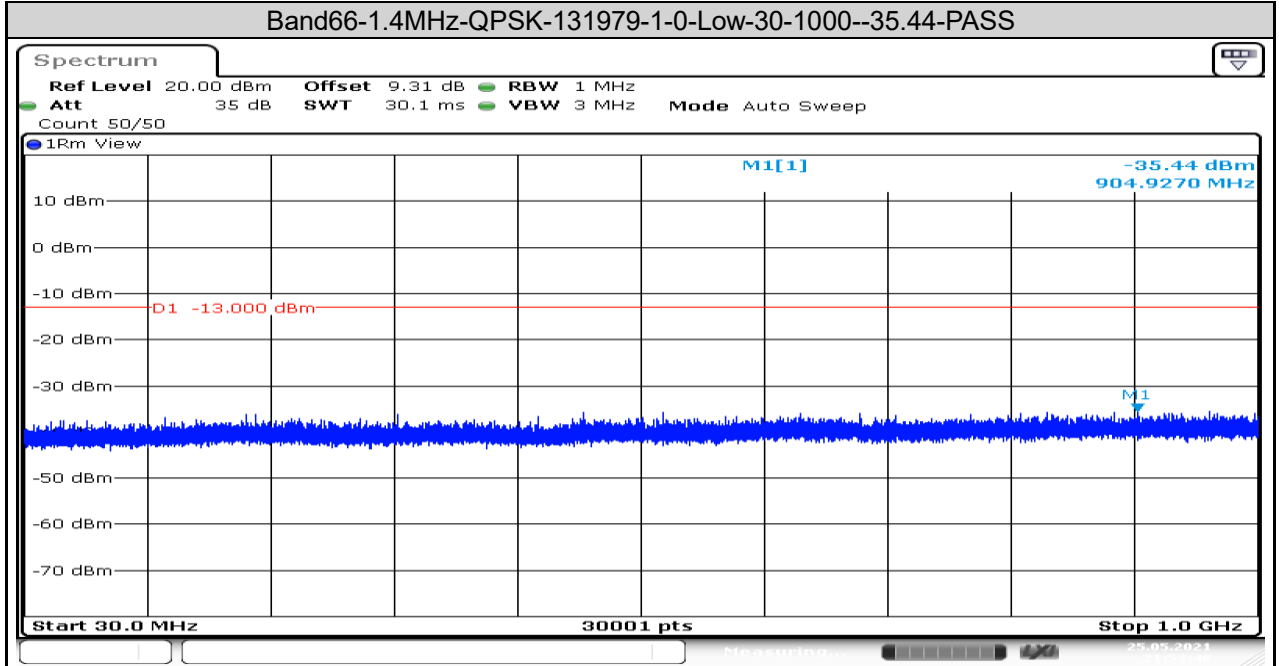
## APPENDIX H.5: CONDUCTED SPURIOUS EMISSION FOR M1

### Test Result

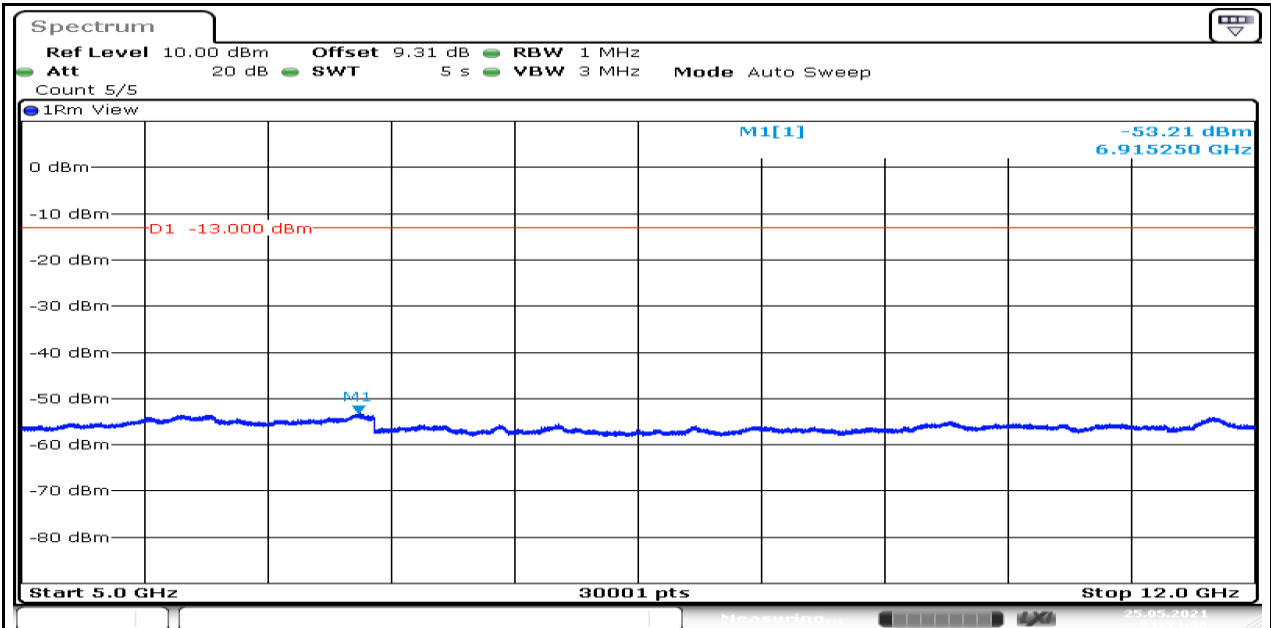
Band	Bandwidth	Channel	Modulation	RB Size	RB Start	Index	Start Freq	Stop Freq	Result (dBm)	Verdict
Band66	1.4MHz	131979	QPSK	1	0	Low	30	1000	-35.44	PASS
Band66	1.4MHz	131979	QPSK	1	0	Low	1000	5000	-37.24	PASS
Band66	1.4MHz	131979	QPSK	1	0	Low	5000	12000	-53.21	PASS
Band66	1.4MHz	131979	QPSK	1	0	Low	12000	26500	-49.23	PASS
Band66	1.4MHz	131979	QPSK	6	0	Low	30	1000	-35.28	PASS
Band66	1.4MHz	131979	QPSK	6	0	Low	1000	5000	-39.53	PASS
Band66	1.4MHz	131979	QPSK	6	0	Low	5000	12000	-53.41	PASS
Band66	1.4MHz	131979	QPSK	6	0	Low	12000	26500	-49.23	PASS
Band66	1.4MHz	132322	QPSK	1	0	Low	30	1000	-35.21	PASS
Band66	1.4MHz	132322	QPSK	1	0	Low	1000	5000	-36.77	PASS
Band66	1.4MHz	132322	QPSK	1	0	Low	5000	12000	-53.21	PASS
Band66	1.4MHz	132322	QPSK	1	0	Low	12000	26500	-49.32	PASS
Band66	1.4MHz	132322	QPSK	6	0	Low	30	1000	-35.22	PASS
Band66	1.4MHz	132322	QPSK	6	0	Low	1000	5000	-38.7	PASS
Band66	1.4MHz	132322	QPSK	6	0	Low	5000	12000	-53.04	PASS
Band66	1.4MHz	132322	QPSK	6	0	Low	12000	26500	-49.28	PASS
Band66	1.4MHz	132665	QPSK	1	5	Low	30	1000	-34.88	PASS
Band66	1.4MHz	132665	QPSK	1	5	Low	1000	5000	-40.04	PASS
Band66	1.4MHz	132665	QPSK	1	5	Low	5000	12000	-53.14	PASS
Band66	1.4MHz	132665	QPSK	1	5	Low	12000	26500	-49.16	PASS
Band66	1.4MHz	132665	QPSK	6	0	Low	30	1000	-35.03	PASS
Band66	1.4MHz	132665	QPSK	6	0	Low	1000	5000	-36.97	PASS
Band66	1.4MHz	132665	QPSK	6	0	Low	5000	12000	-53.15	PASS
Band66	1.4MHz	132665	QPSK	6	0	Low	12000	26500	-49.08	PASS
Band66	1.4MHz	131979	16QAM	1	0	Low	30	1000	-35.31	PASS
Band66	1.4MHz	131979	16QAM	1	0	Low	1000	5000	-38.08	PASS
Band66	1.4MHz	131979	16QAM	1	0	Low	5000	12000	-53.47	PASS
Band66	1.4MHz	131979	16QAM	1	0	Low	12000	26500	-49.2	PASS
Band66	1.4MHz	131979	16QAM	6	0	Low	30	1000	-35.45	PASS
Band66	1.4MHz	131979	16QAM	6	0	Low	1000	5000	-39.42	PASS
Band66	1.4MHz	131979	16QAM	6	0	Low	5000	12000	-53.34	PASS
Band66	1.4MHz	131979	16QAM	6	0	Low	12000	26500	-49.2	PASS
Band66	1.4MHz	132322	16QAM	1	0	Low	30	1000	-35.34	PASS
Band66	1.4MHz	132322	16QAM	1	0	Low	1000	5000	-37.06	PASS
Band66	1.4MHz	132322	16QAM	1	0	Low	5000	12000	-53.14	PASS
Band66	1.4MHz	132322	16QAM	1	0	Low	12000	26500	-49.19	PASS
Band66	1.4MHz	132322	16QAM	6	0	Low	30	1000	-35.19	PASS
Band66	1.4MHz	132322	16QAM	6	0	Low	1000	5000	-38.48	PASS
Band66	1.4MHz	132322	16QAM	6	0	Low	5000	12000	-53.23	PASS
Band66	1.4MHz	132322	16QAM	6	0	Low	12000	26500	-49.39	PASS
Band66	1.4MHz	132665	16QAM	1	5	Low	30	1000	-33.98	PASS
Band66	1.4MHz	132665	16QAM	1	5	Low	1000	5000	-39.08	PASS
Band66	1.4MHz	132665	16QAM	1	5	Low	5000	12000	-53.11	PASS
Band66	1.4MHz	132665	16QAM	1	5	Low	12000	26500	-49.08	PASS
Band66	1.4MHz	132665	16QAM	6	0	Low	30	1000	-35.28	PASS

Band66	1.4MHz	132665	16QAM	6	0	Low	1000	5000	-39.98	PASS
Band66	1.4MHz	132665	16QAM	6	0	Low	5000	12000	-53.09	PASS
Band66	1.4MHz	132665	16QAM	6	0	Low	12000	26500	-48.87	PASS

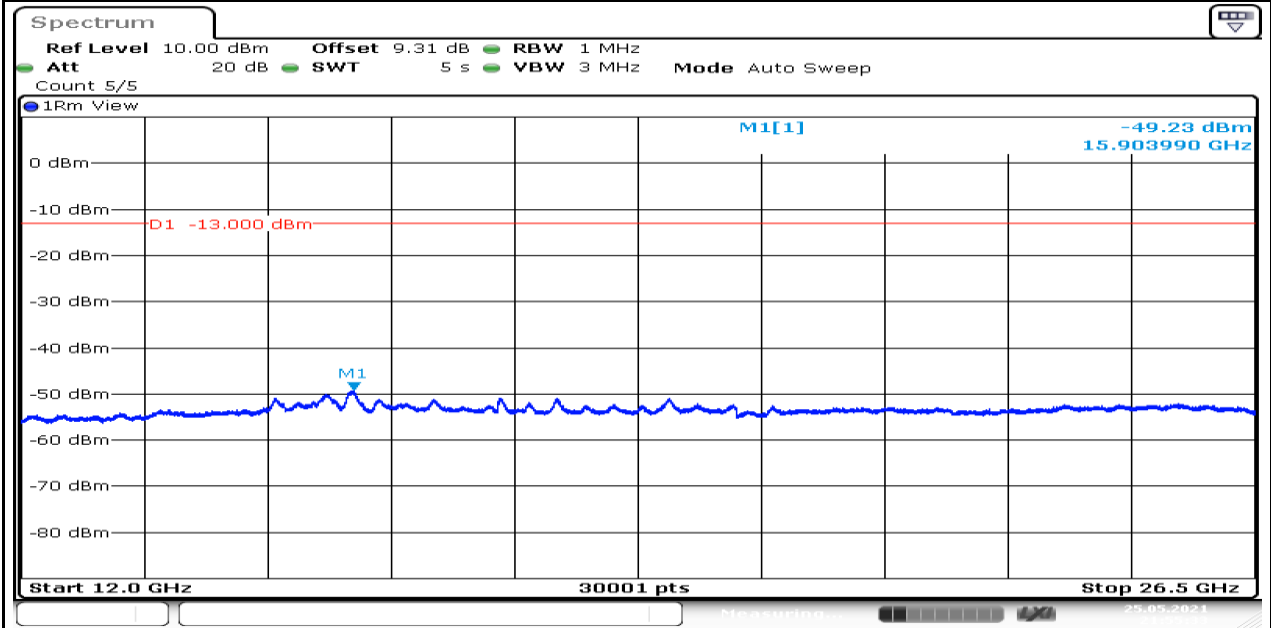
### Test Graphs



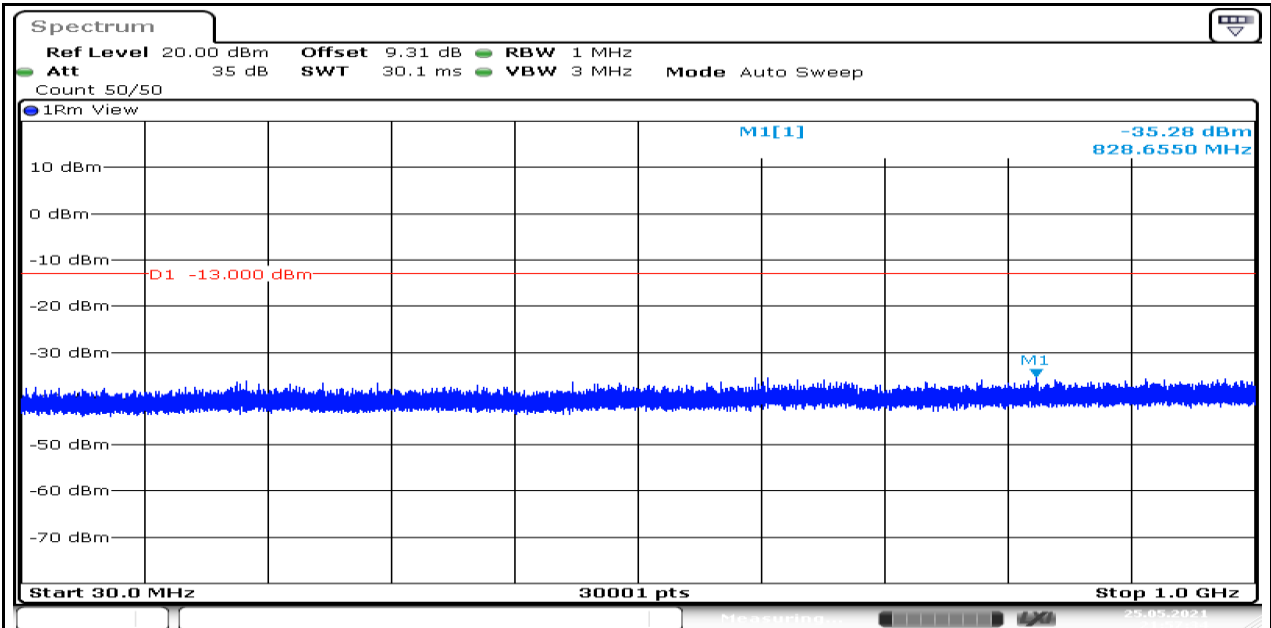




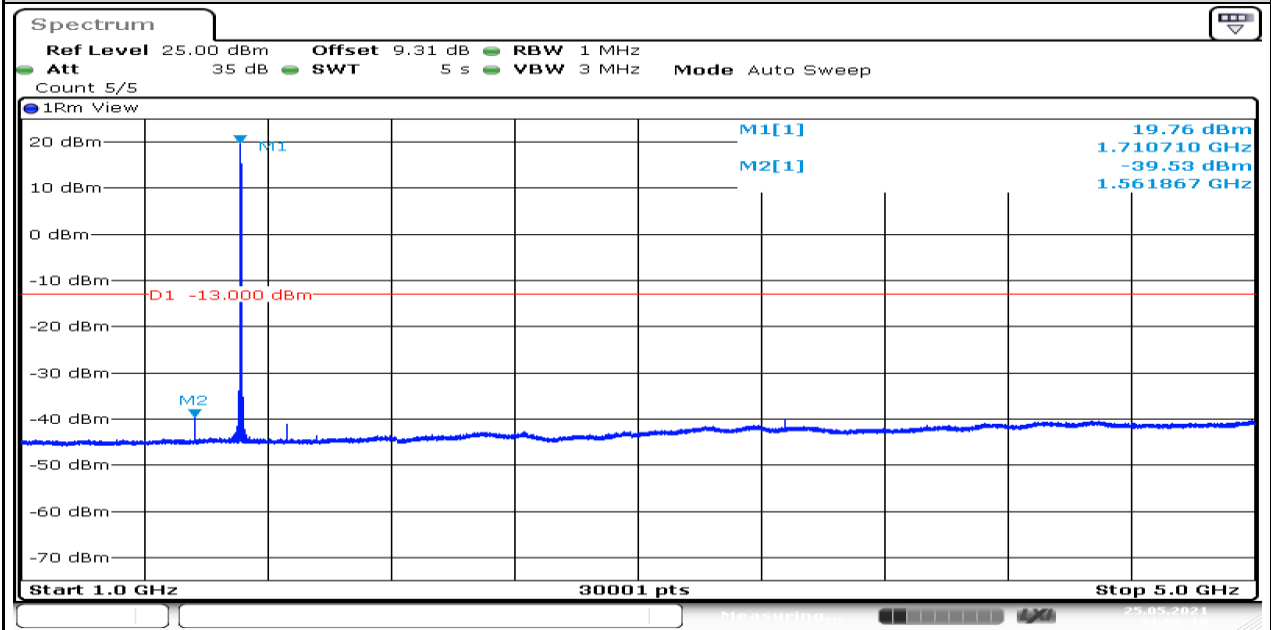
Band66-1.4MHz-QPSK-131979-1-0-Low-12000-26500--49.23-PASS



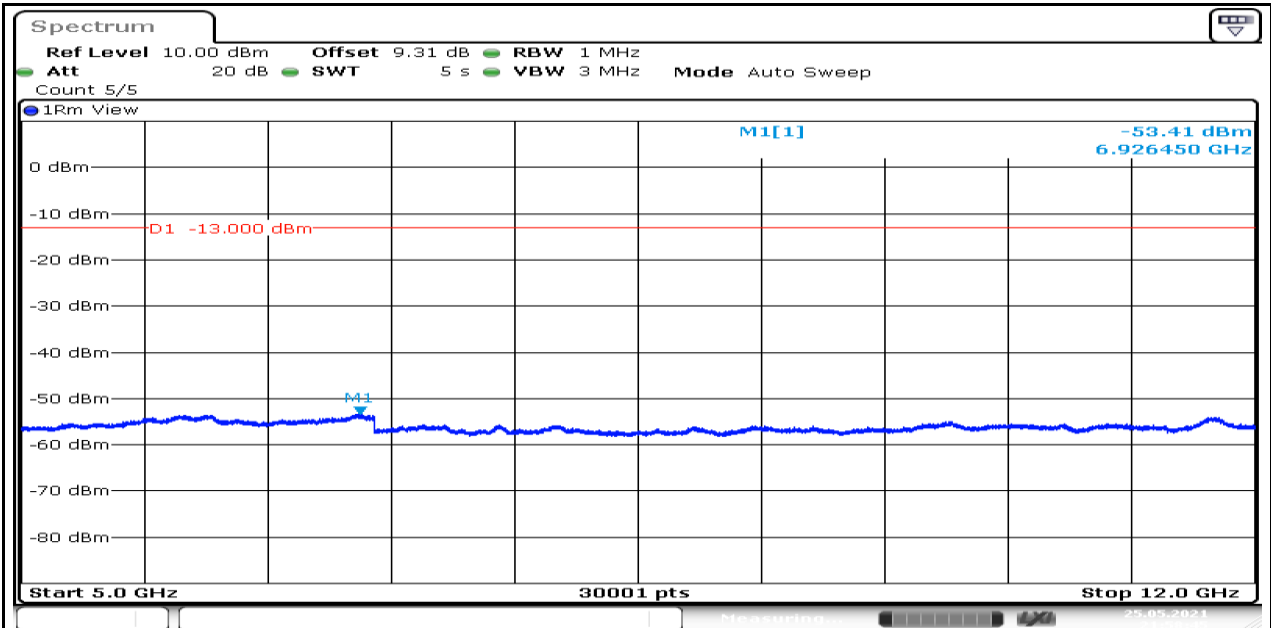
Band66-1.4MHz-QPSK-131979-6-0-Low-30-1000--35.28-PASS



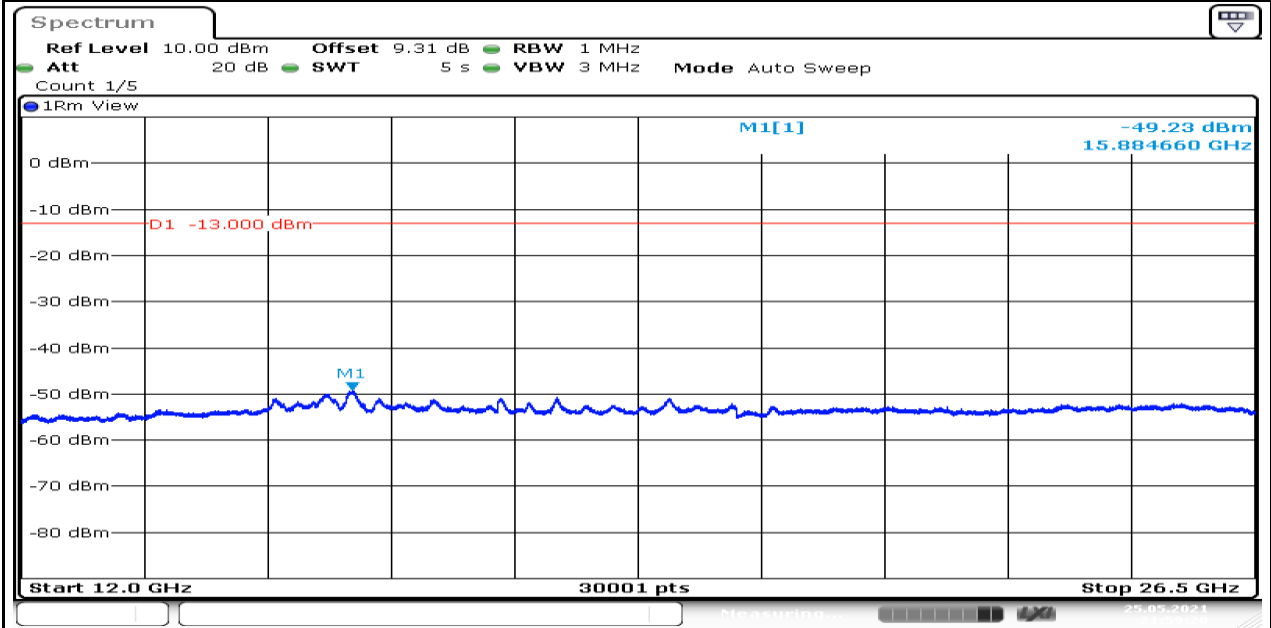
Band66-1.4MHz-QPSK-131979-6-0-Low-1000-5000--39.53-PASS



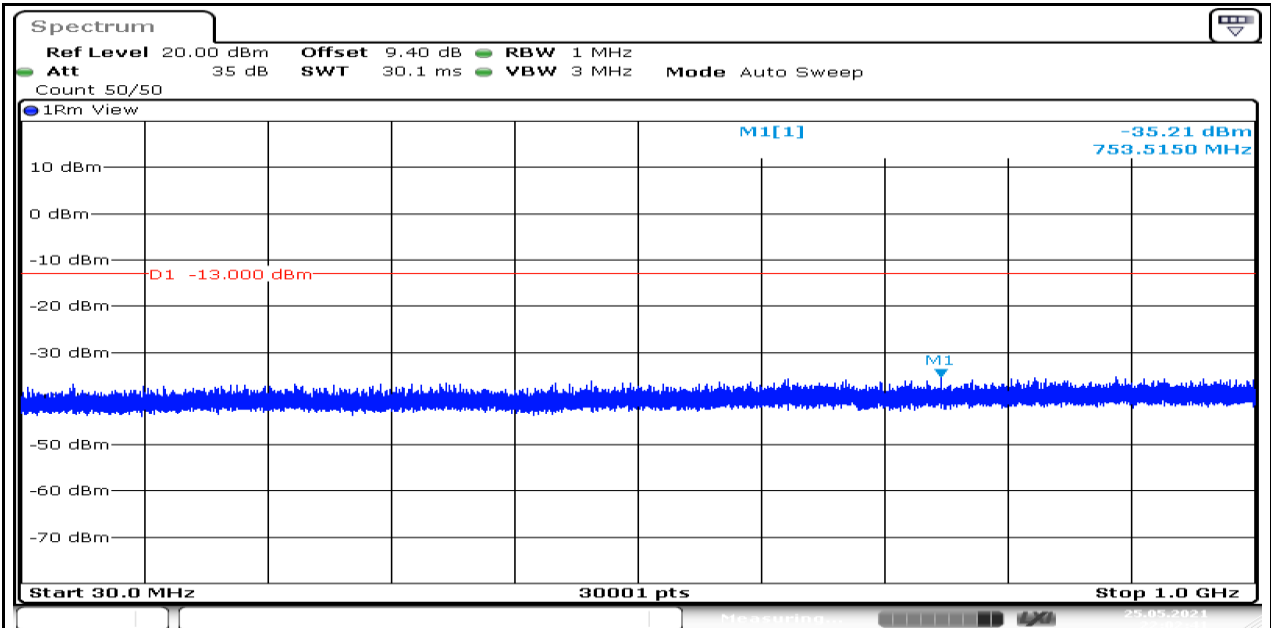
Band66-1.4MHz-QPSK-131979-6-0-Low-5000-12000--53.41-PASS



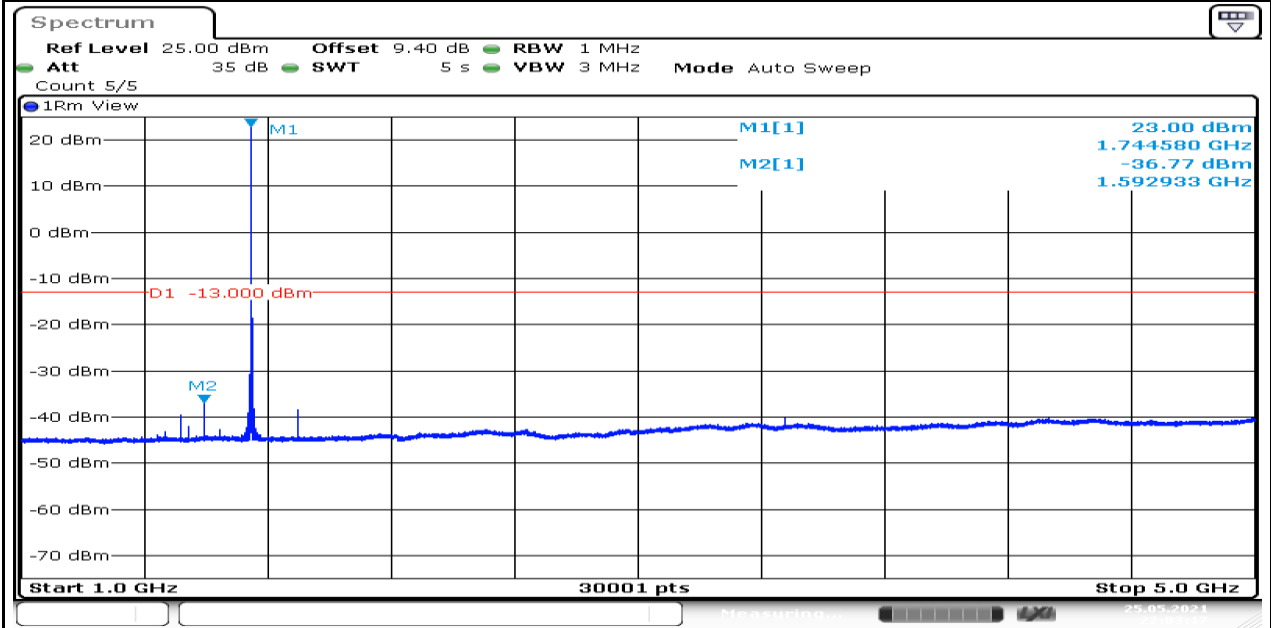
Band66-1.4MHz-QPSK-131979-6-0-Low-12000-26500--49.23-PASS



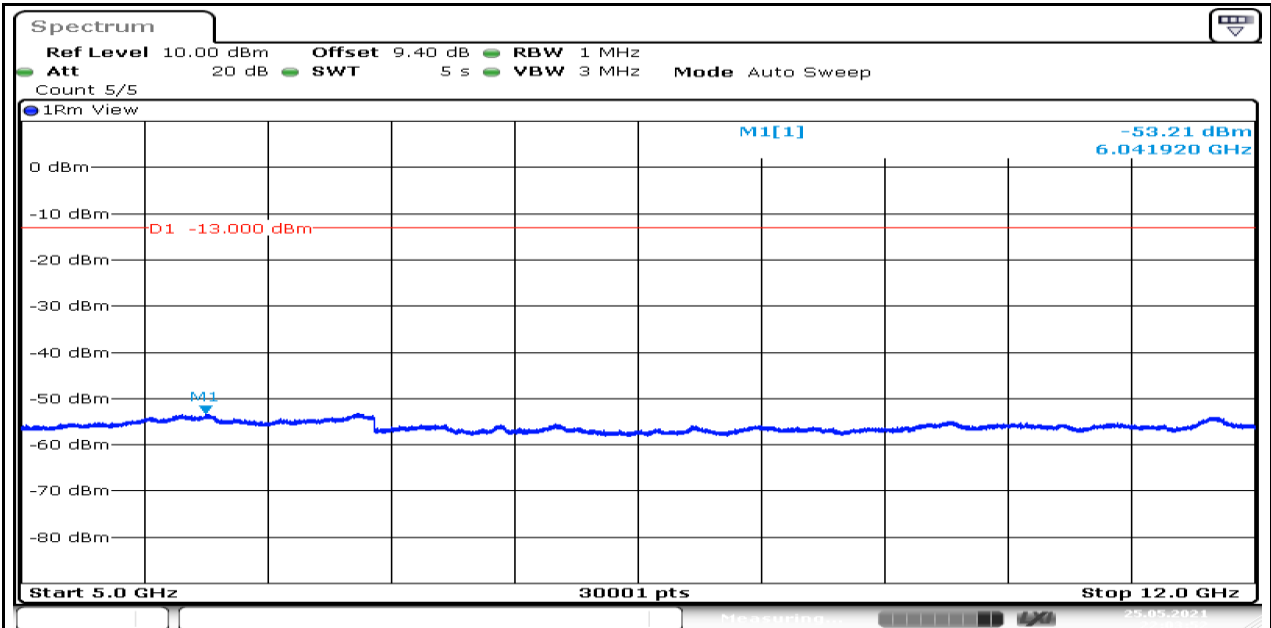
Band66-1.4MHz-QPSK-132322-1-0-Low-30-1000--35.21-PASS



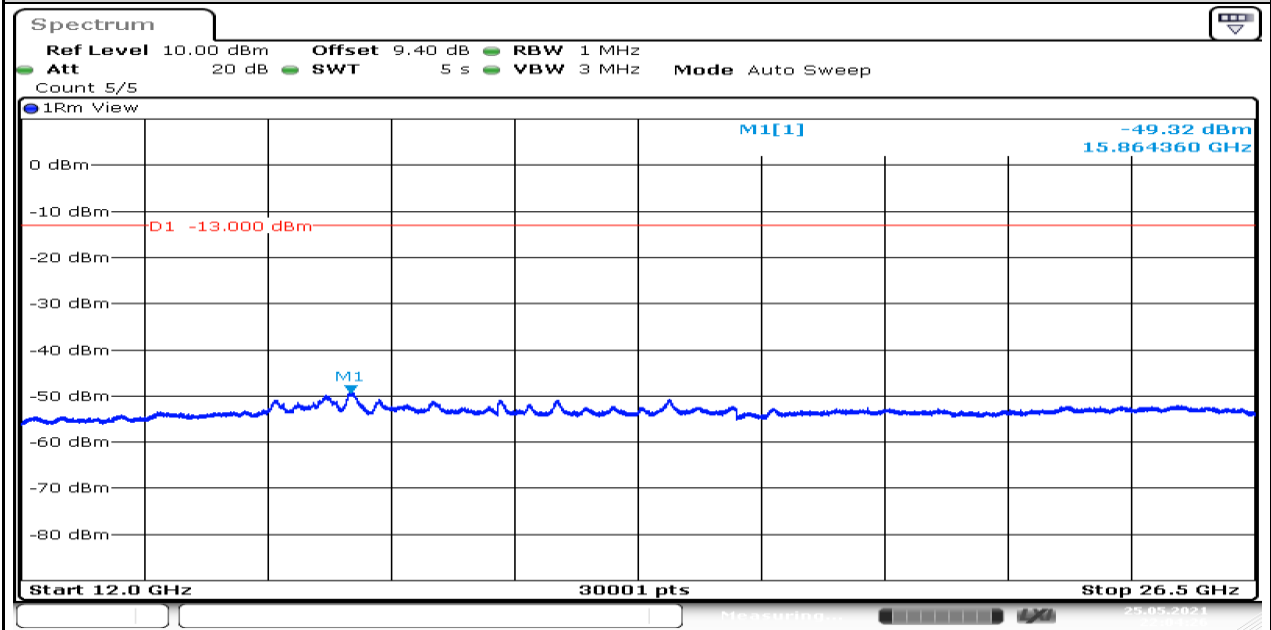
Band66-1.4MHz-QPSK-132322-1-0-Low-1000-5000--36.77-PASS



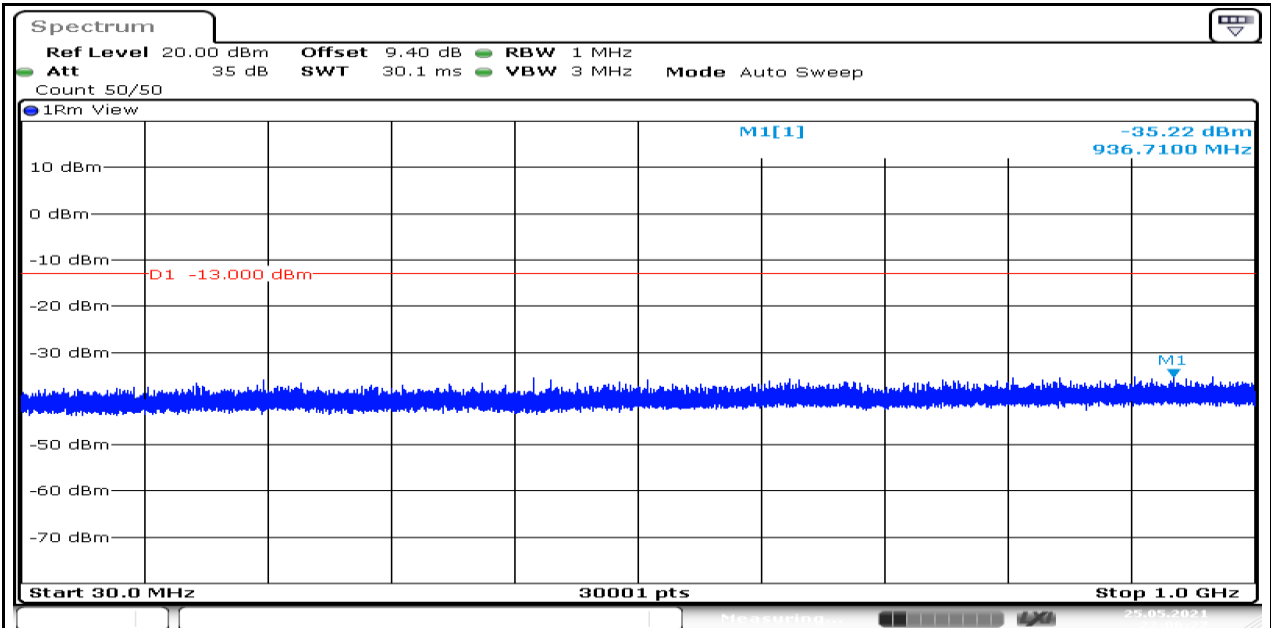
Band66-1.4MHz-QPSK-132322-1-0-Low-5000-12000--53.21-PASS



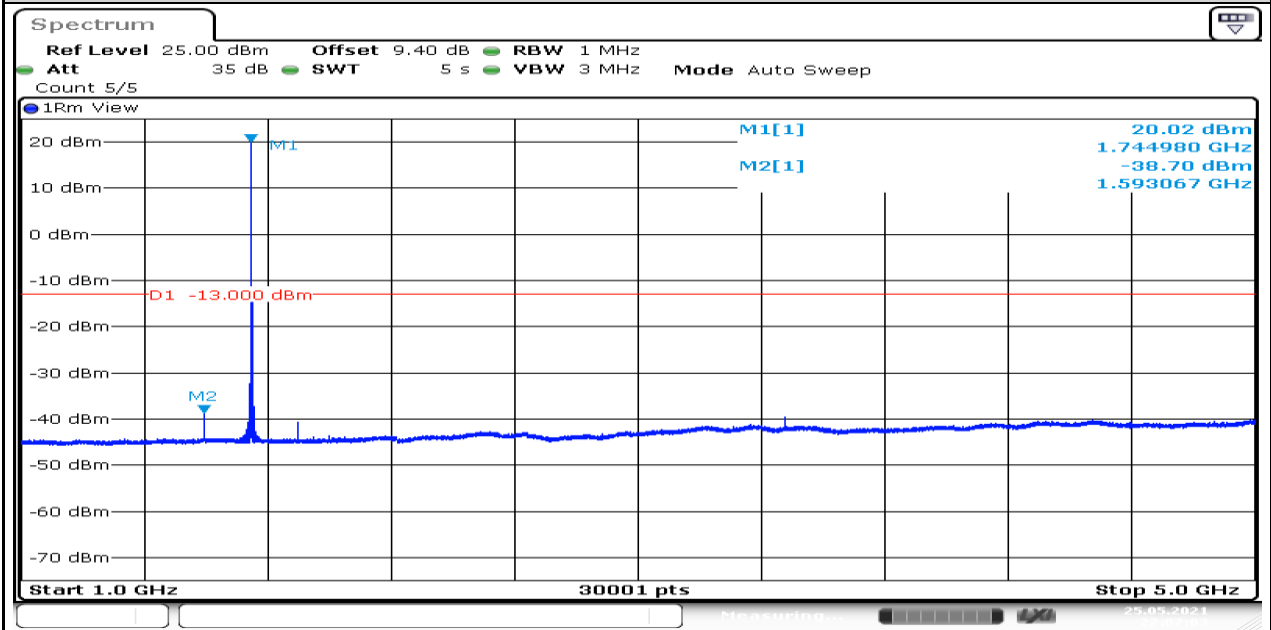
Band66-1.4MHz-QPSK-132322-1-0-Low-12000-26500--49.32-PASS



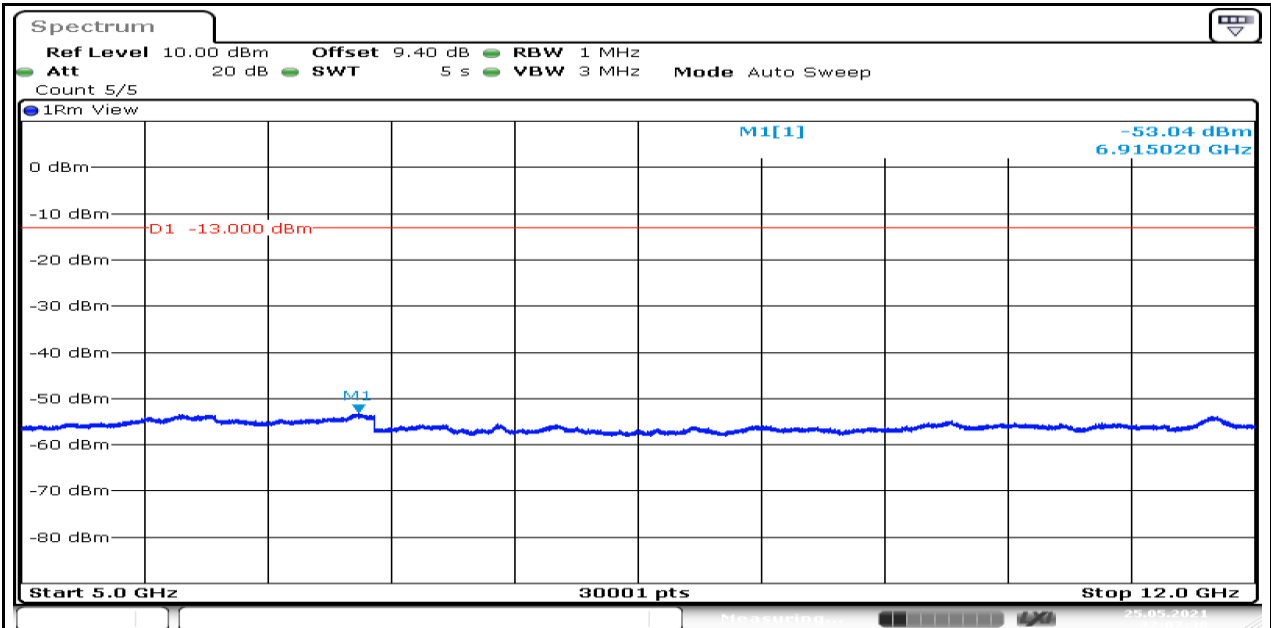
Band66-1.4MHz-QPSK-132322-6-0-Low-30-1000--35.22-PASS



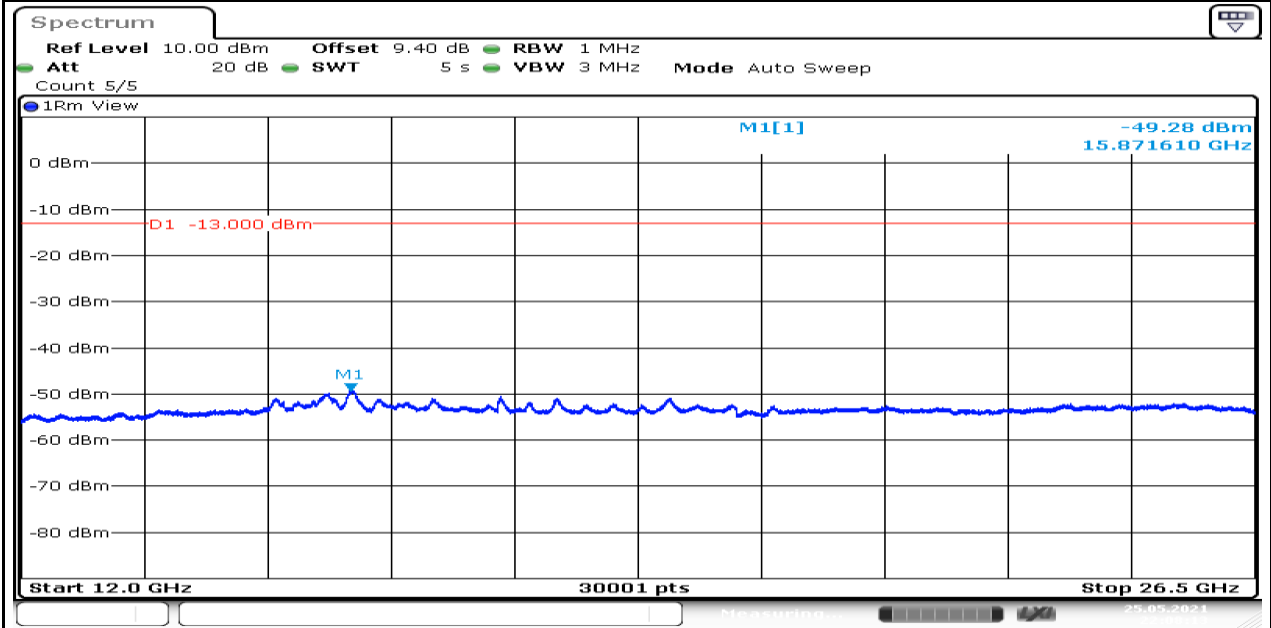
Band66-1.4MHz-QPSK-132322-6-0-Low-1000-5000--38.7-PASS



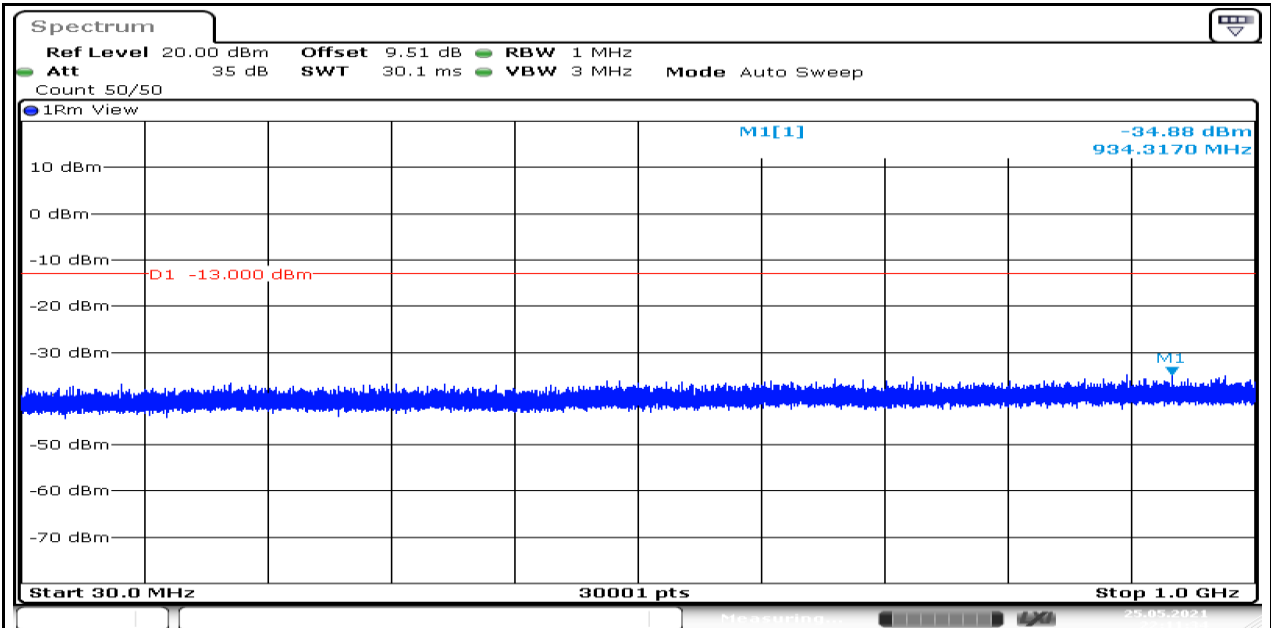
Band66-1.4MHz-QPSK-132322-6-0-Low-5000-12000--53.04-PASS



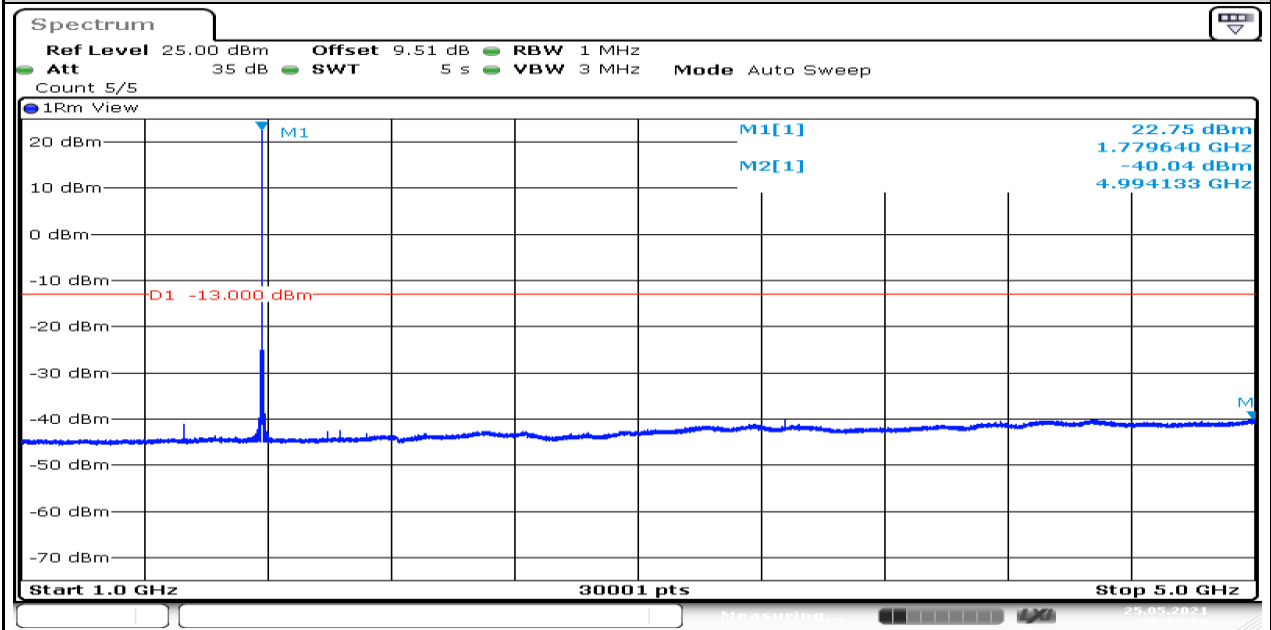
Band66-1.4MHz-QPSK-132322-6-0-Low-12000-26500--49.28-PASS



Band66-1.4MHz-QPSK-132665-1-5-Low-30-1000--34.88-PASS

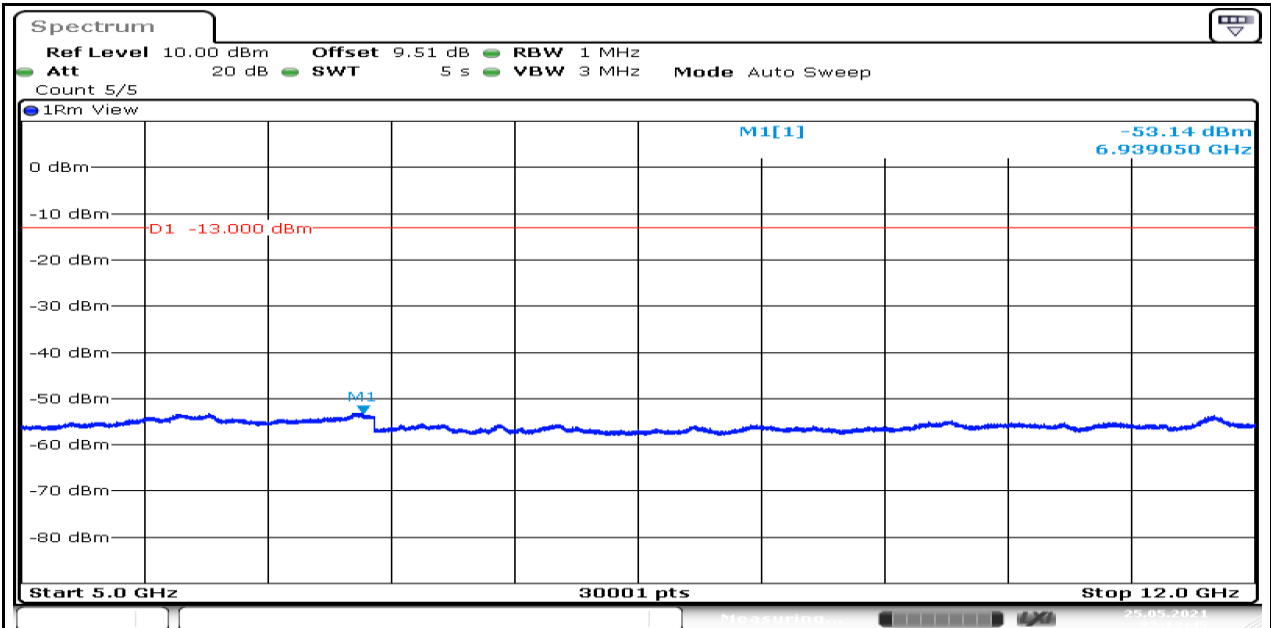


Band66-1.4MHz-QPSK-132665-1-5-Low-1000-5000--40.04-PASS

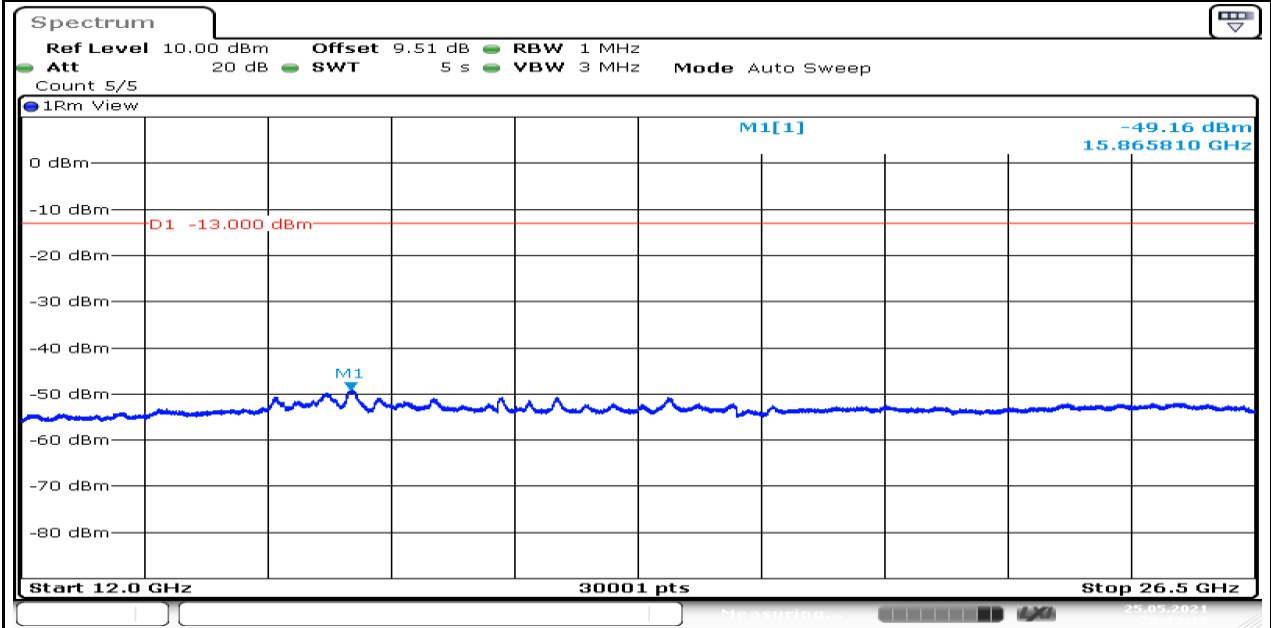


Band66-1.4MHz-QPSK-132665-1-5-Low-5000-12000--53.14-PASS

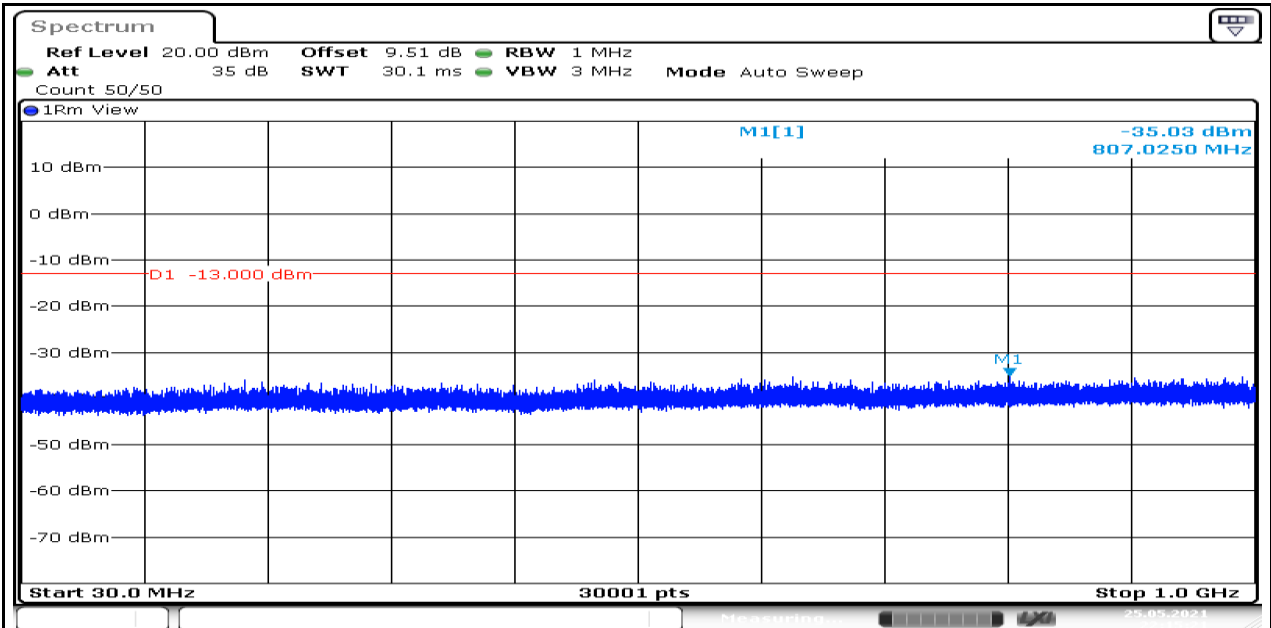




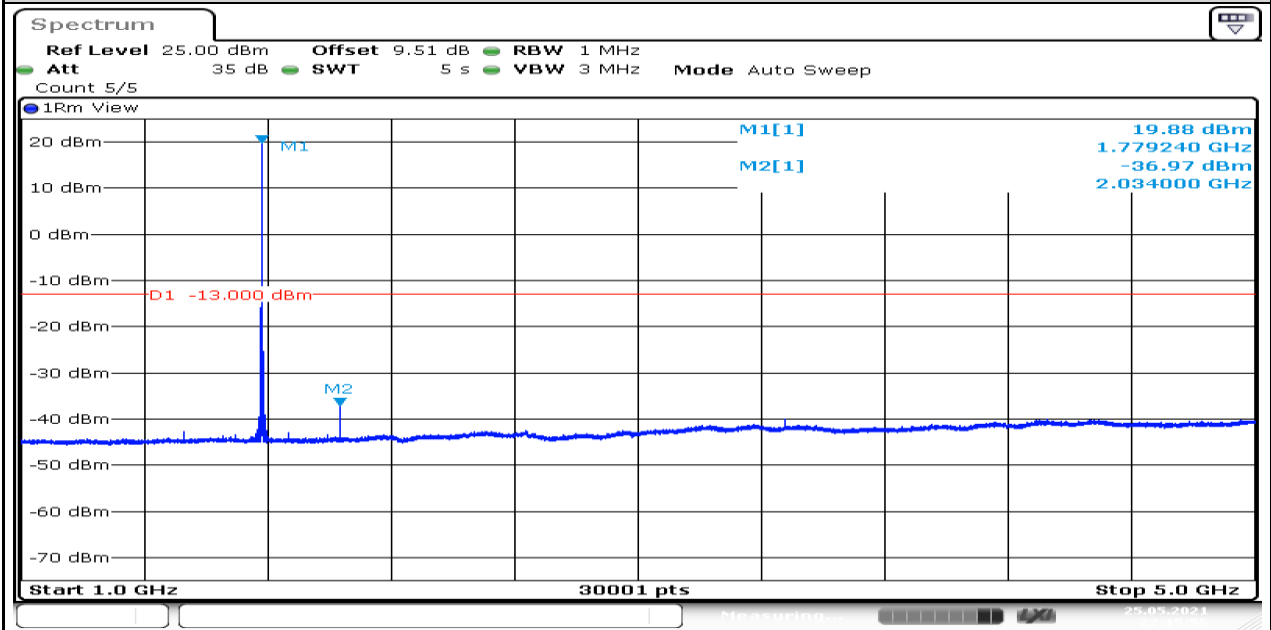
Band66-1.4MHz-QPSK-132665-1-5-Low-12000-26500--49.16-PASS



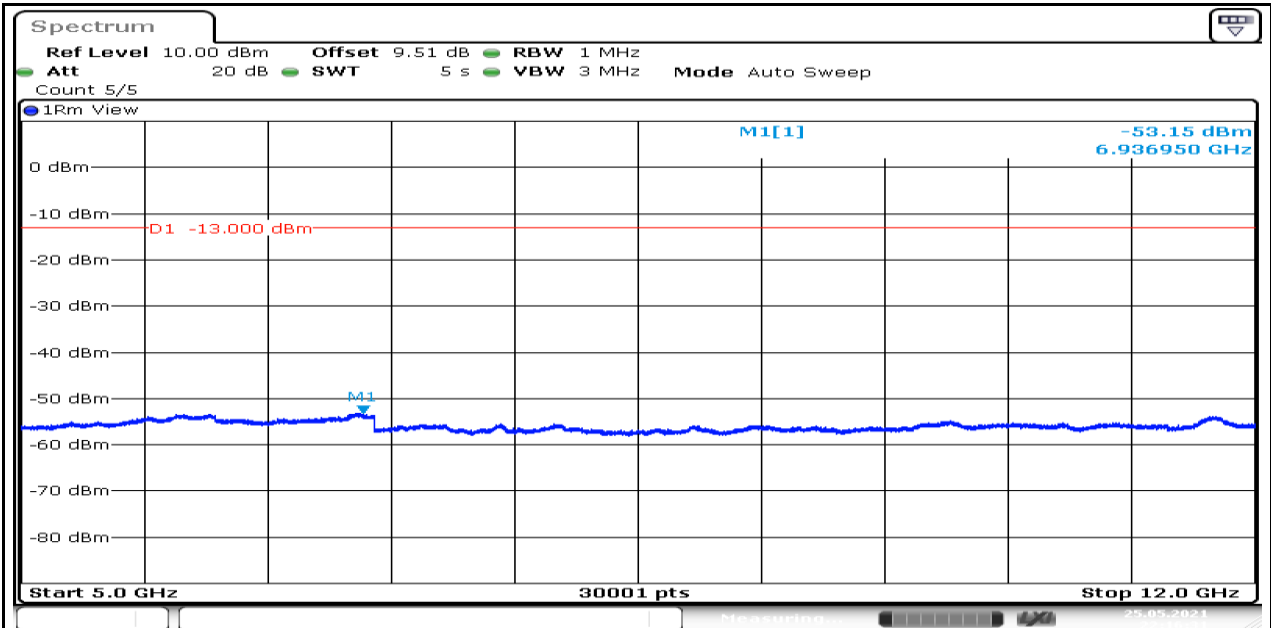
Band66-1.4MHz-QPSK-132665-6-0-Low-30-1000--35.03-PASS



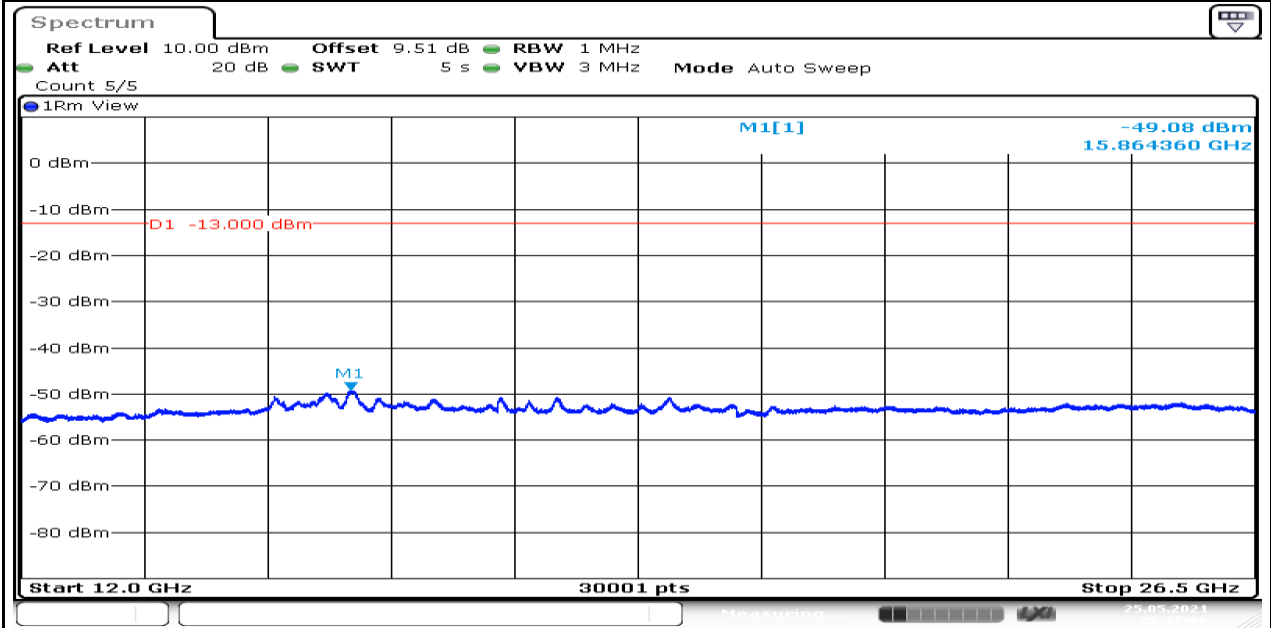
Band66-1.4MHz-QPSK-132665-6-0-Low-1000-5000--36.97-PASS



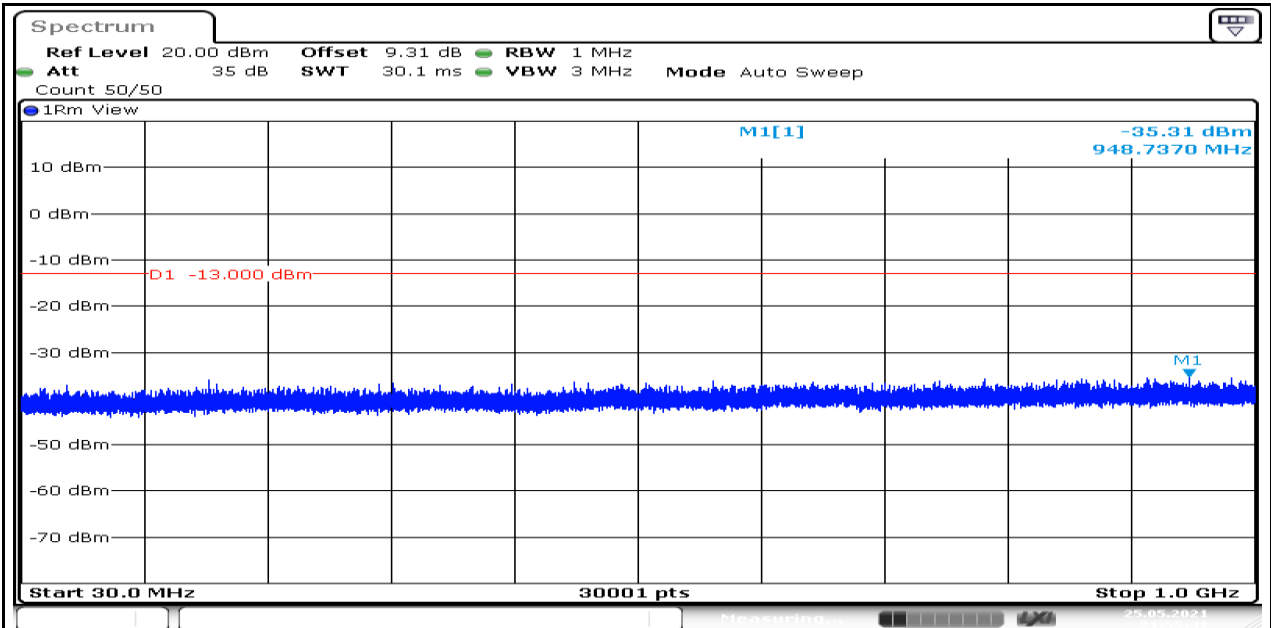
Band66-1.4MHz-QPSK-132665-6-0-Low-5000-12000--53.15-PASS



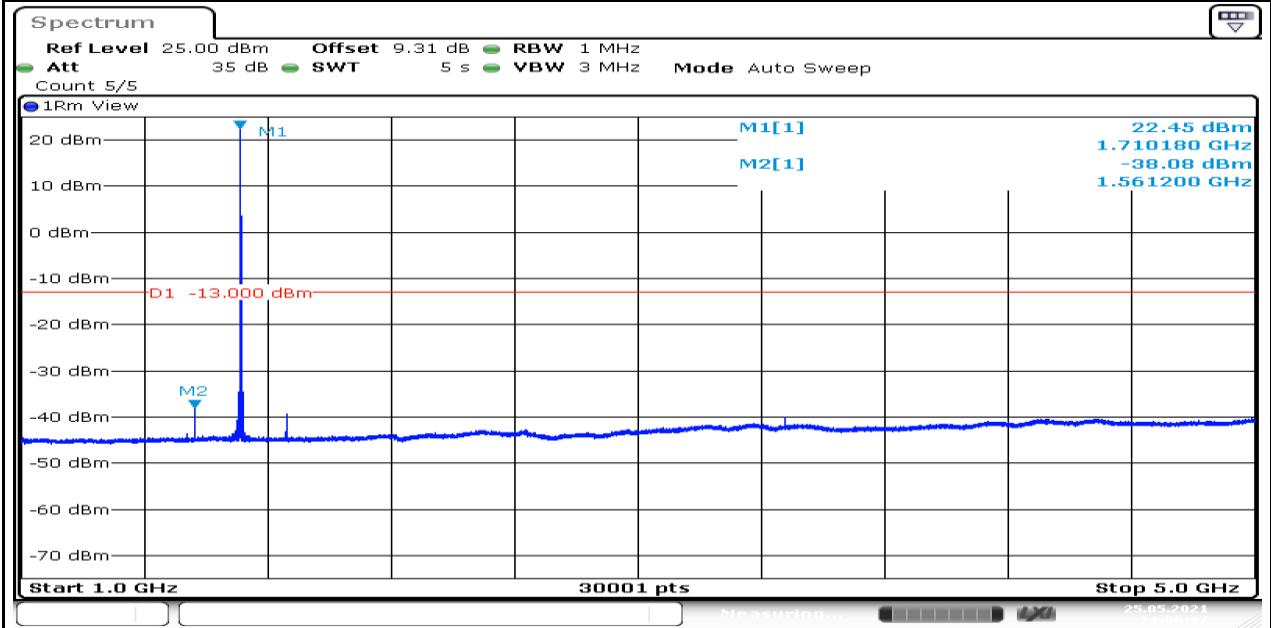
Band66-1.4MHz-QPSK-132665-6-0-Low-12000-26500--49.08-PASS



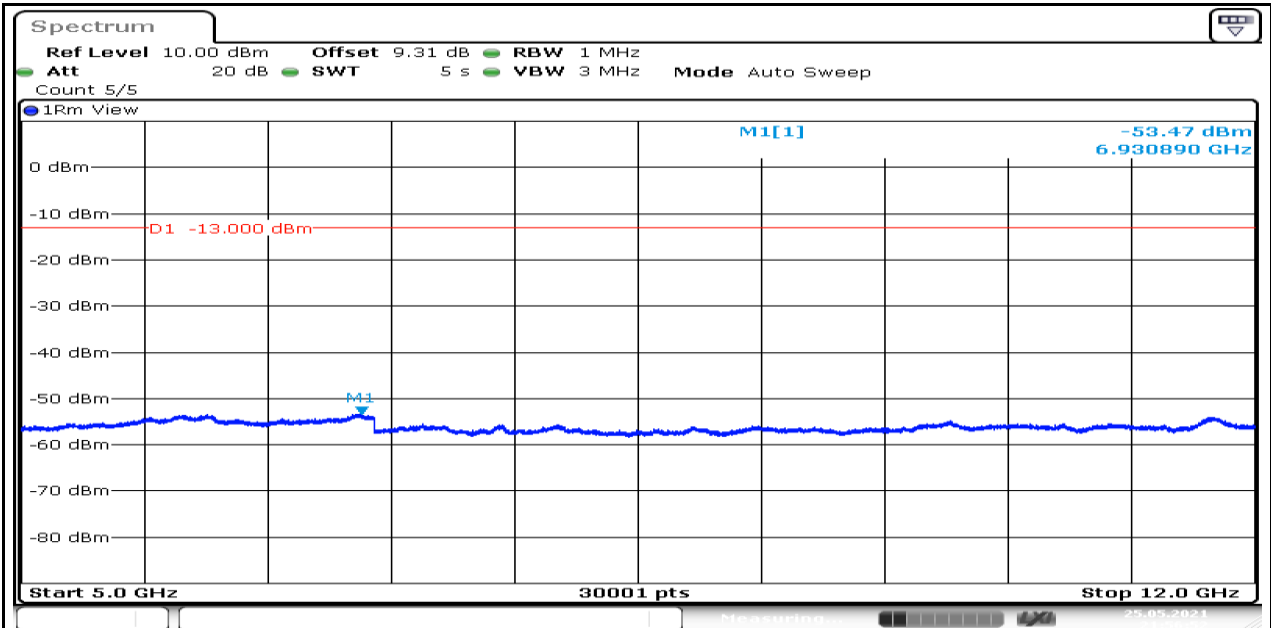
Band66-1.4MHz-16QAM-131979-1-0-Low-30-1000--35.31-PASS



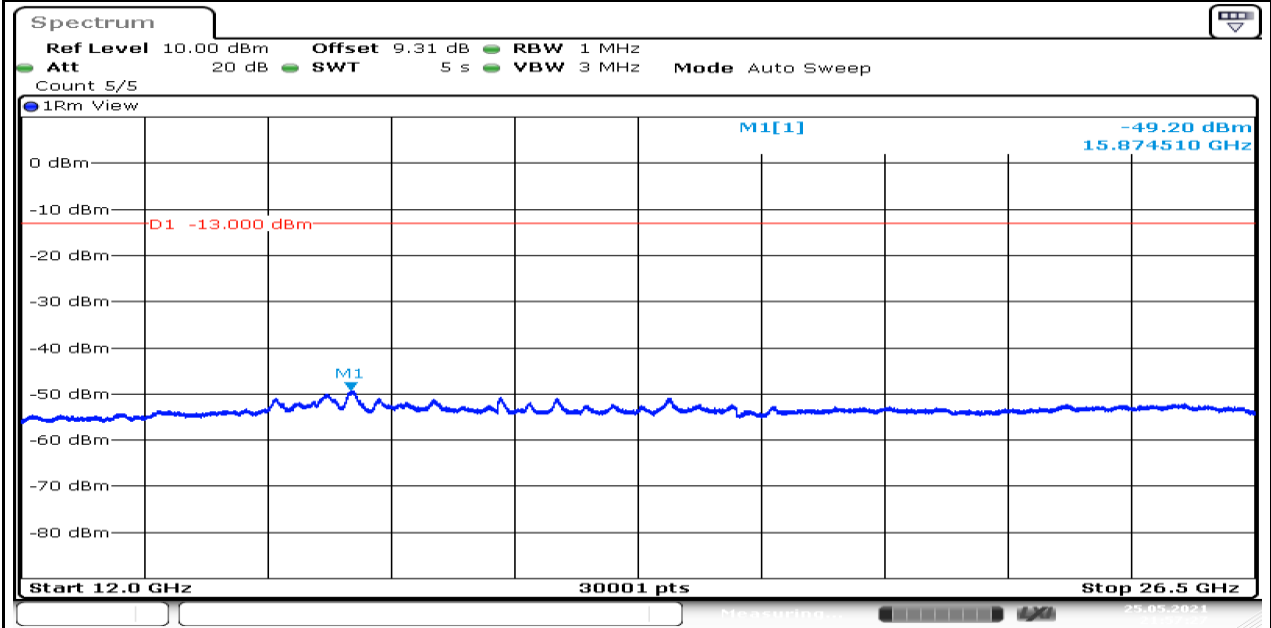
Band66-1.4MHz-16QAM-131979-1-0-Low-1000-5000--38.08-PASS



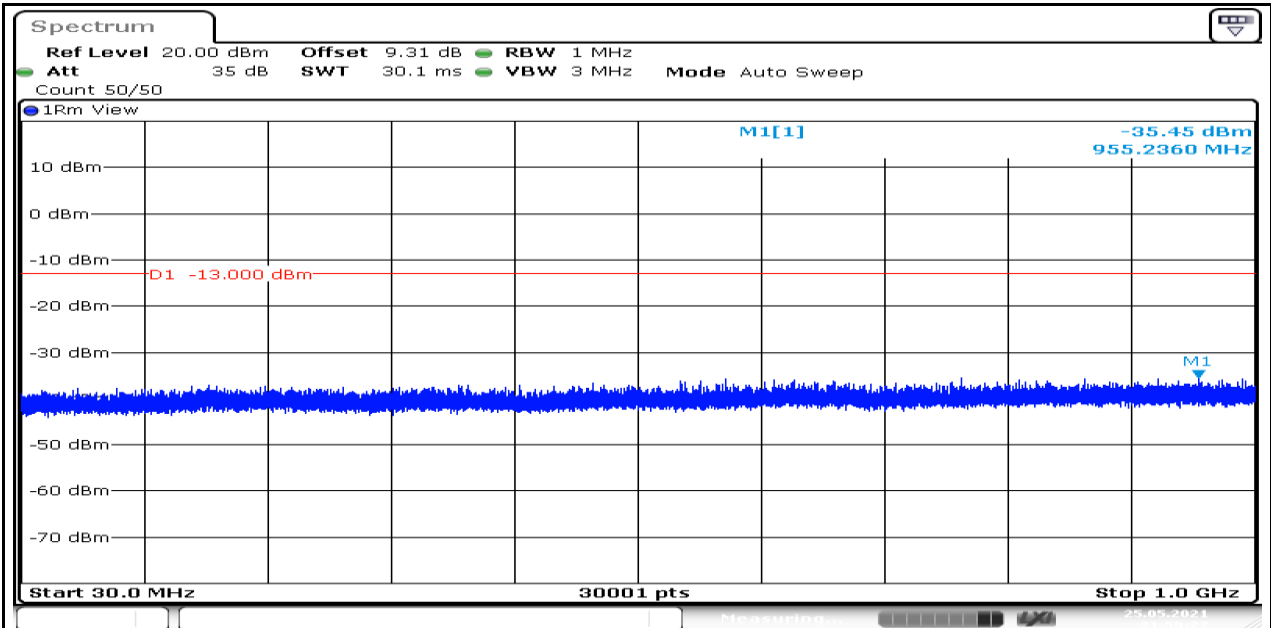
Band66-1.4MHz-16QAM-131979-1-0-Low-5000-12000--53.47-PASS



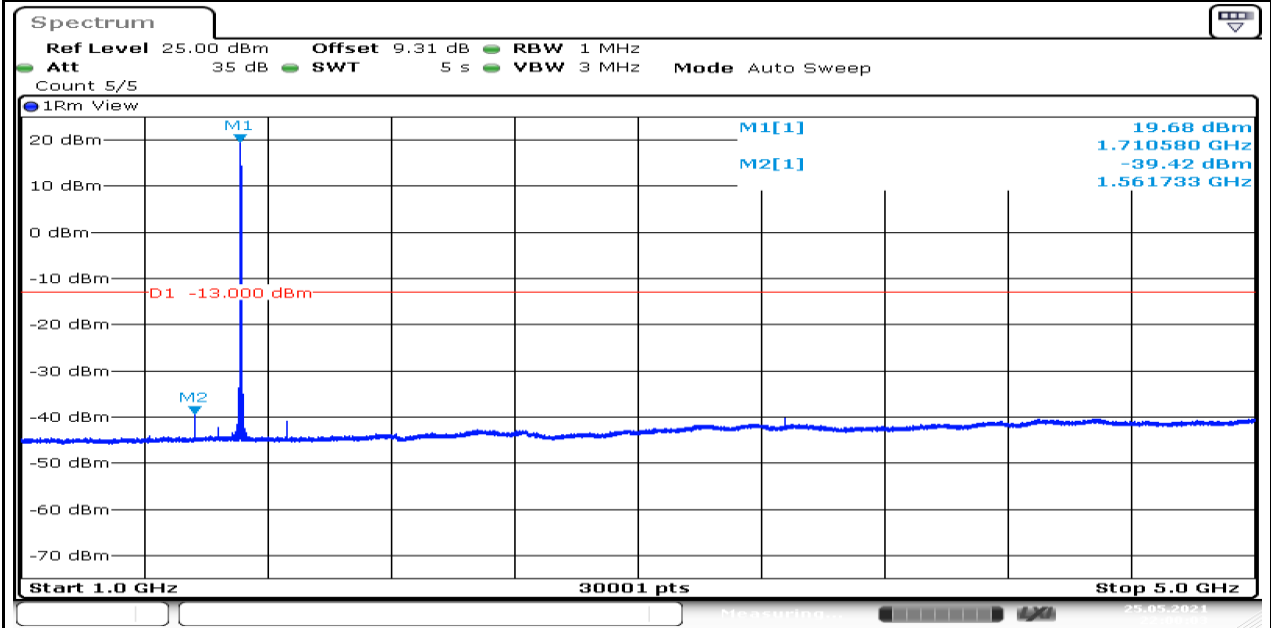
Band66-1.4MHz-16QAM-131979-1-0-Low-12000-26500--49.2-PASS



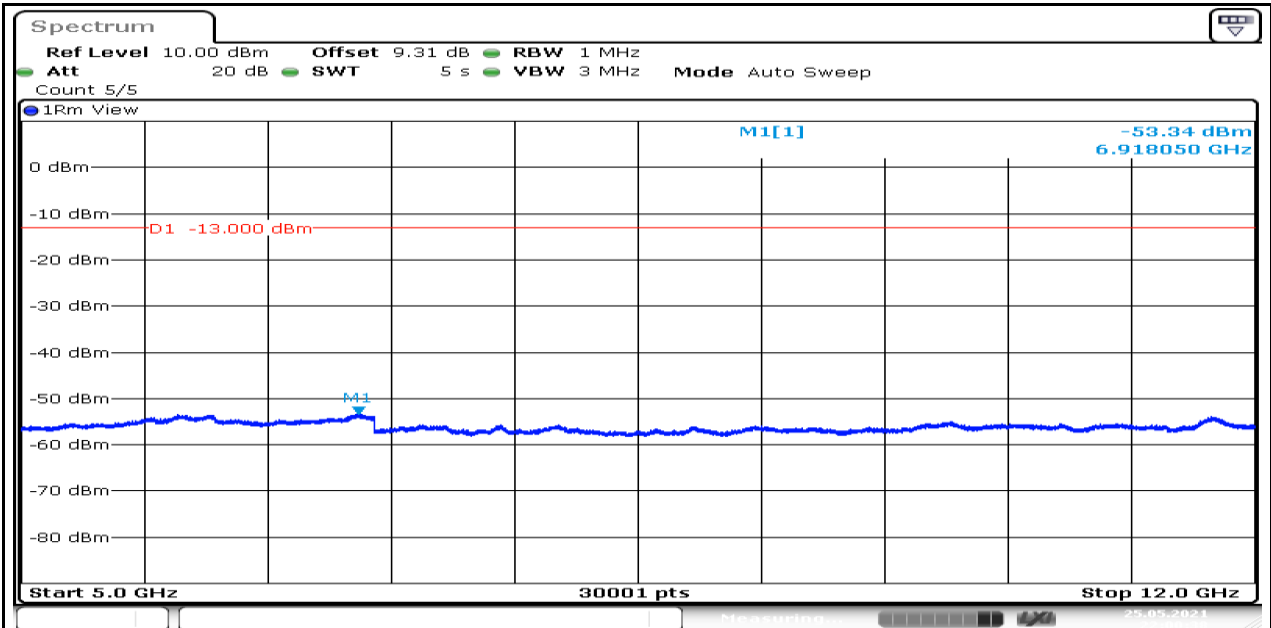
Band66-1.4MHz-16QAM-131979-6-0-Low-30-1000--35.45-PASS



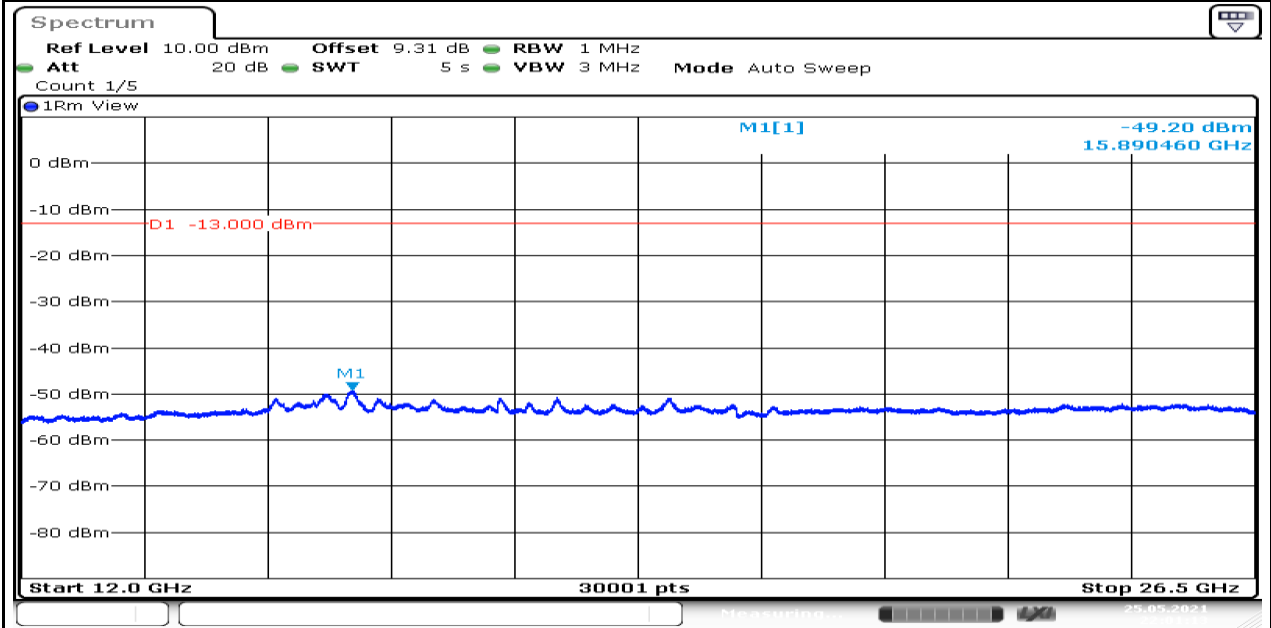
Band66-1.4MHz-16QAM-131979-6-0-Low-1000-5000--39.42-PASS



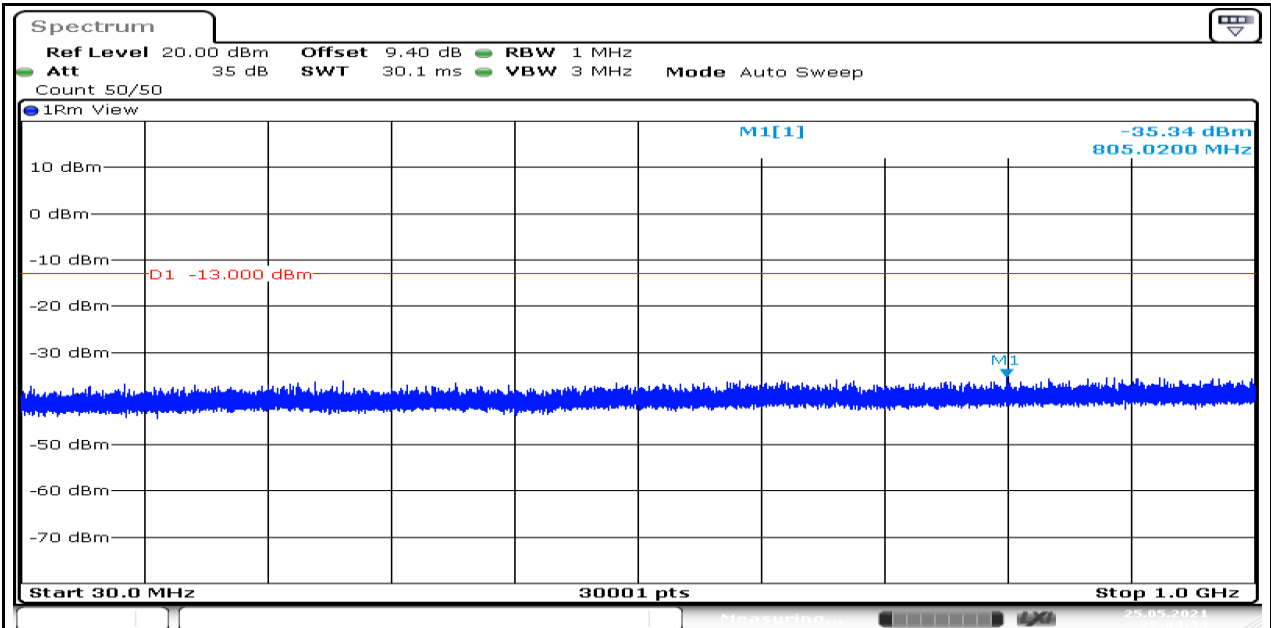
Band66-1.4MHz-16QAM-131979-6-0-Low-5000-12000--53.34-PASS



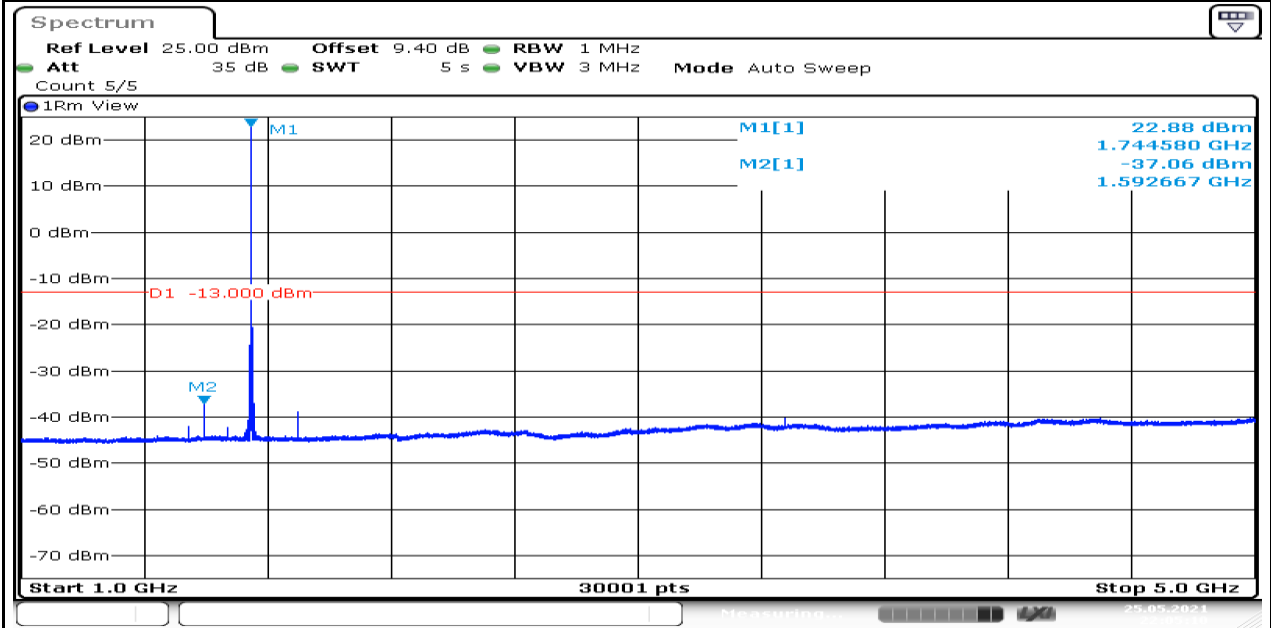
Band66-1.4MHz-16QAM-131979-6-0-Low-12000-26500--49.2-PASS



Band66-1.4MHz-16QAM-132322-1-0-Low-30-1000--35.34-PASS

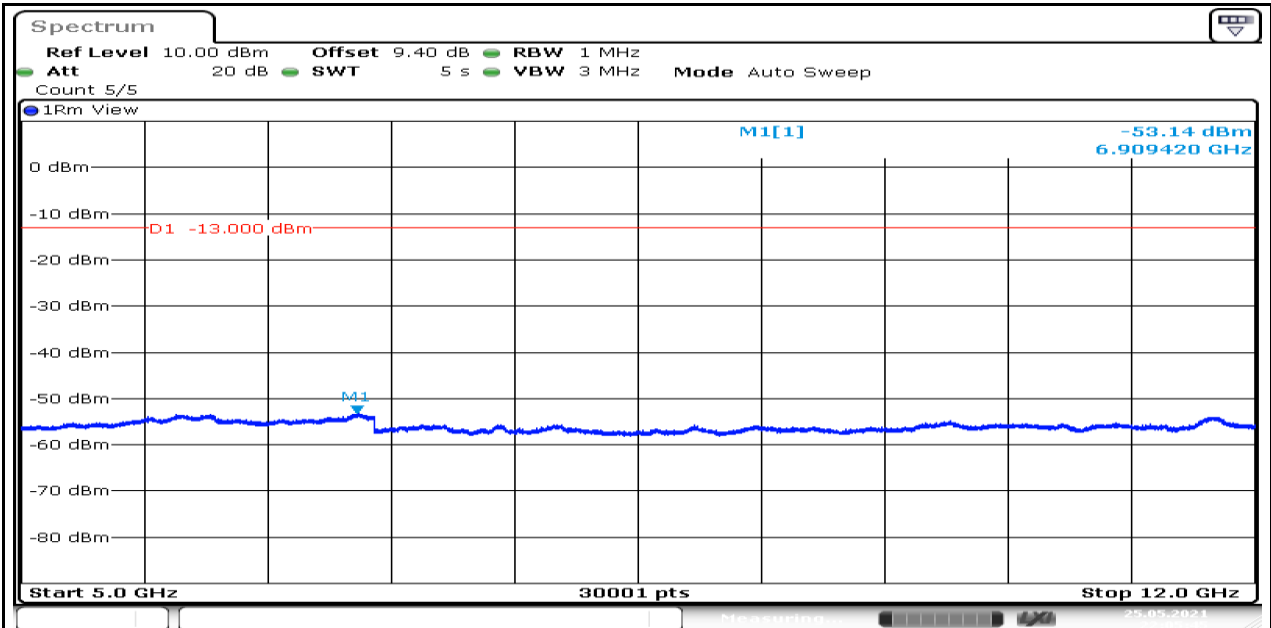


Band66-1.4MHz-16QAM-132322-1-0-Low-1000-5000--37.06-PASS

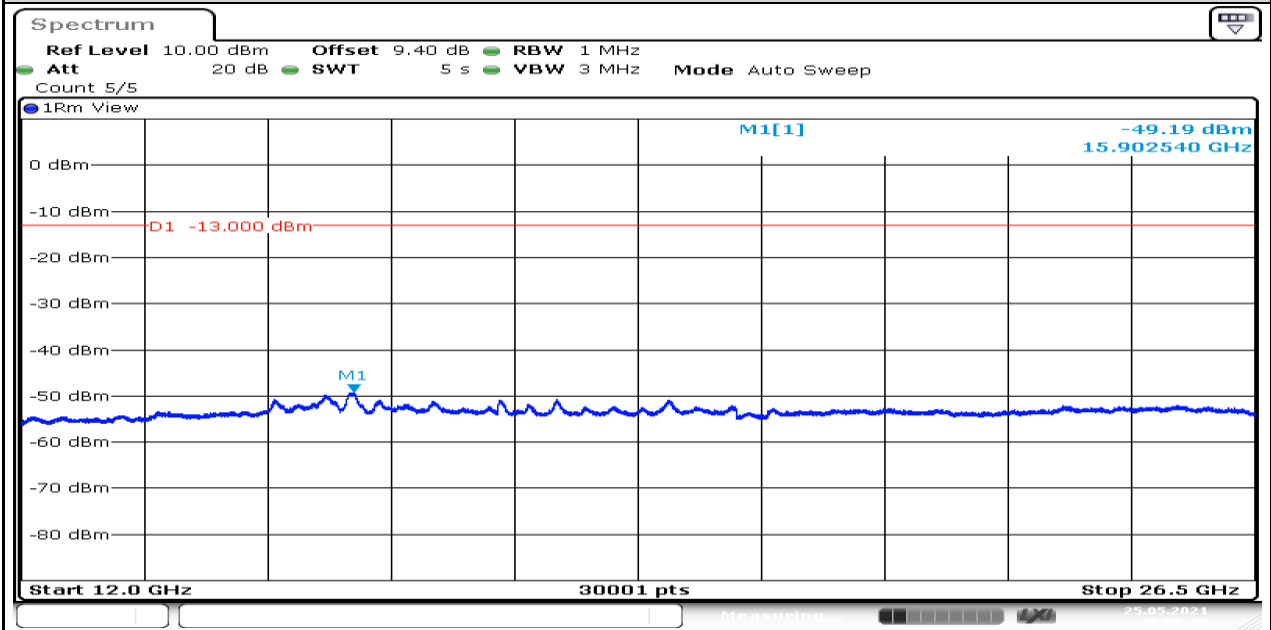


Band66-1.4MHz-16QAM-132322-1-0-Low-5000-12000--53.14-PASS

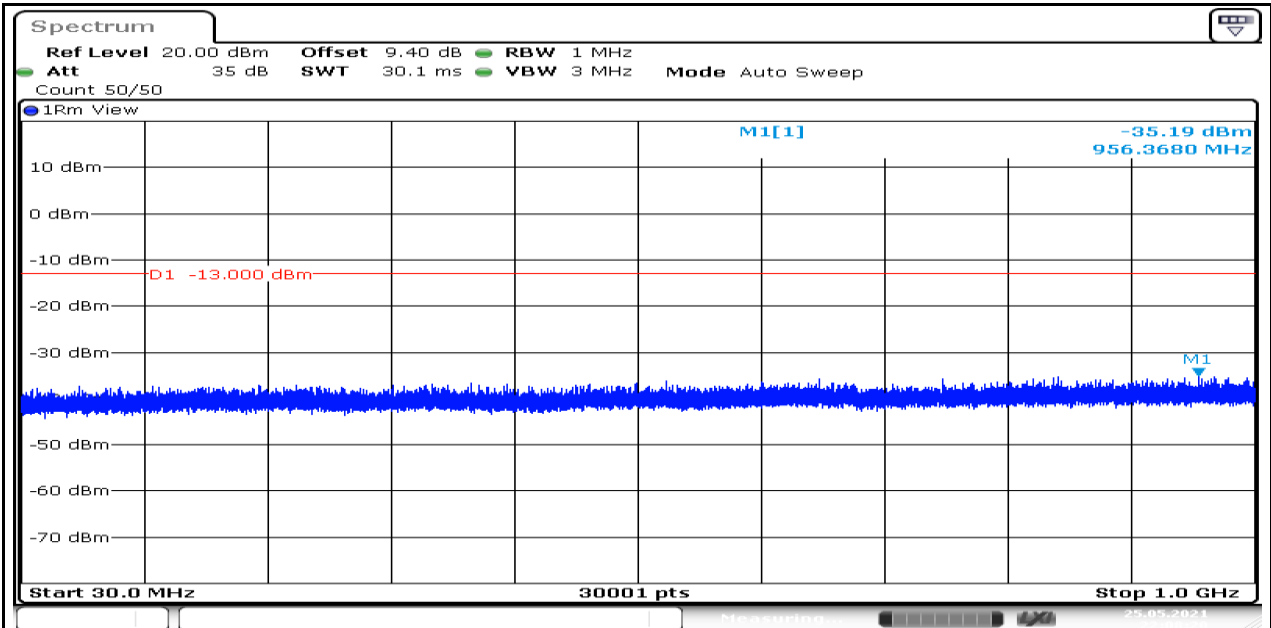




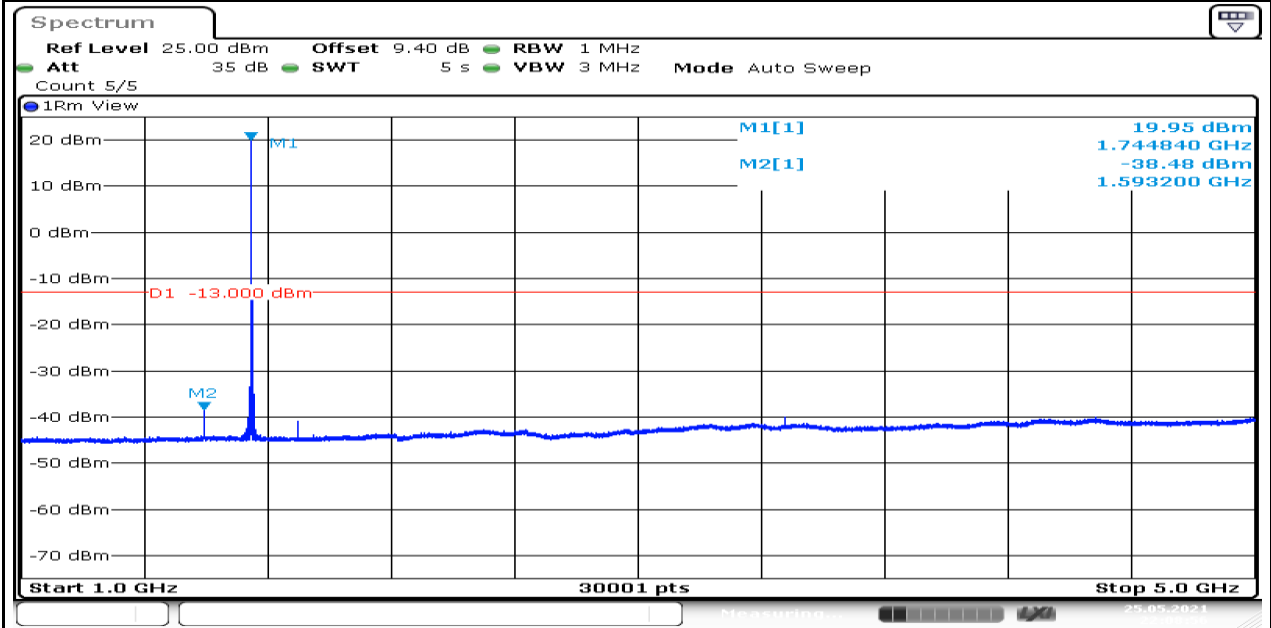
Band66-1.4MHz-16QAM-132322-1-0-Low-12000-26500--49.19-PASS



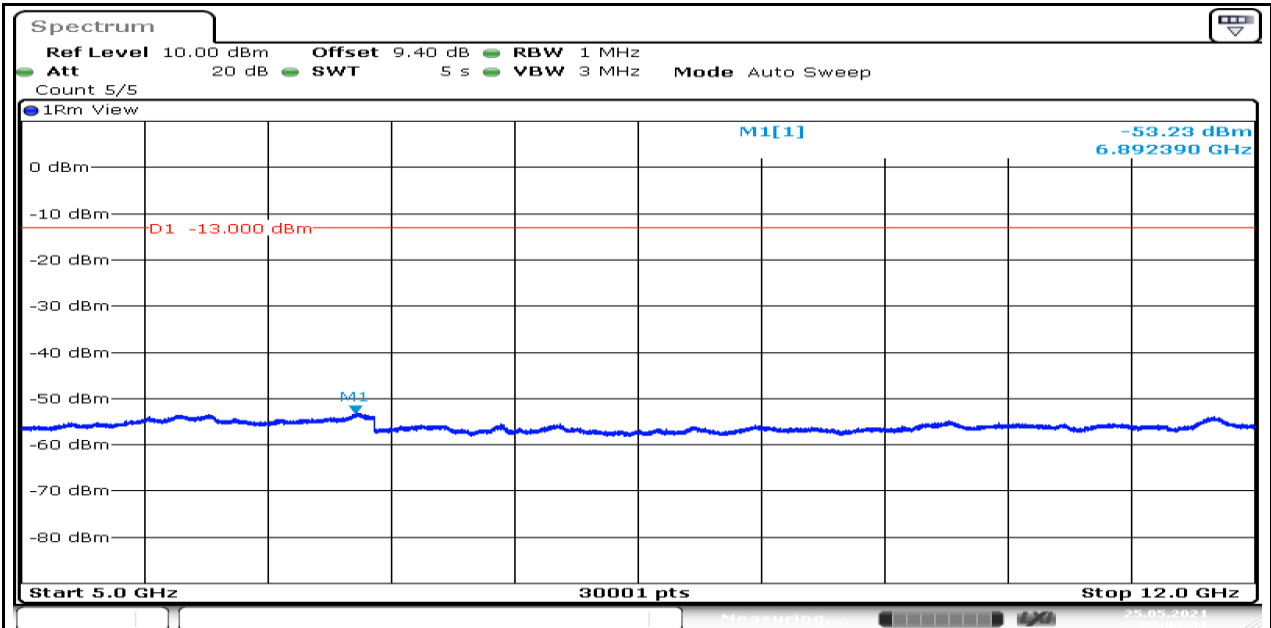
Band66-1.4MHz-16QAM-132322-6-0-Low-30-1000--35.19-PASS



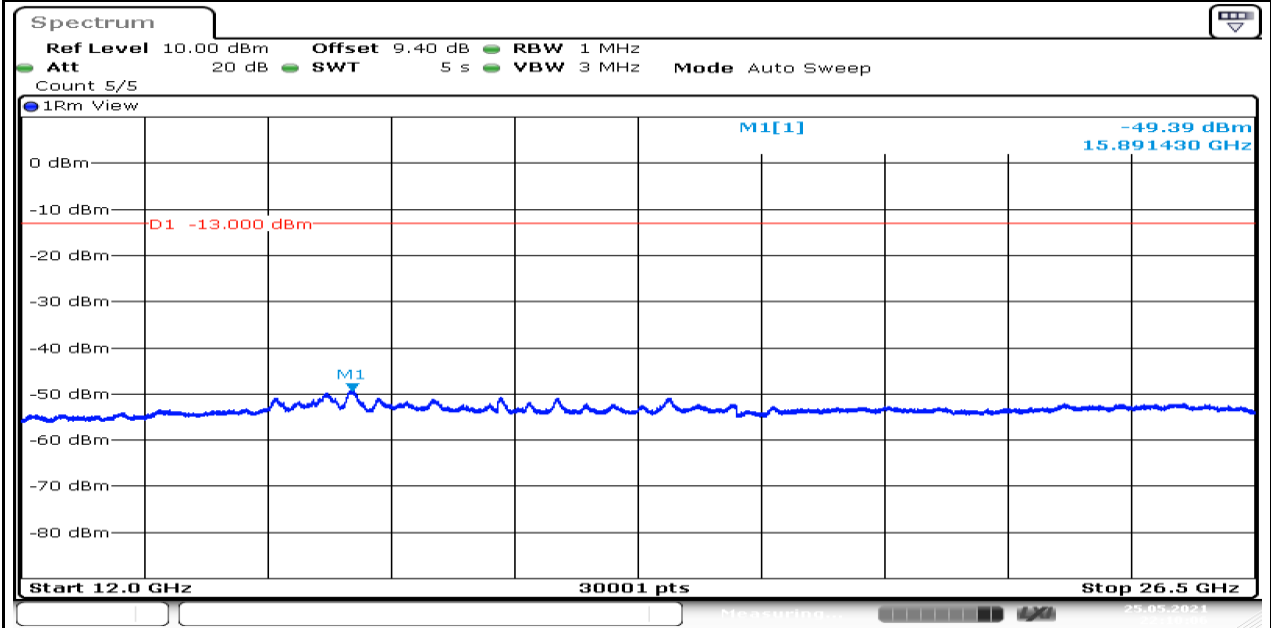
Band66-1.4MHz-16QAM-132322-6-0-Low-1000-5000--38.48-PASS



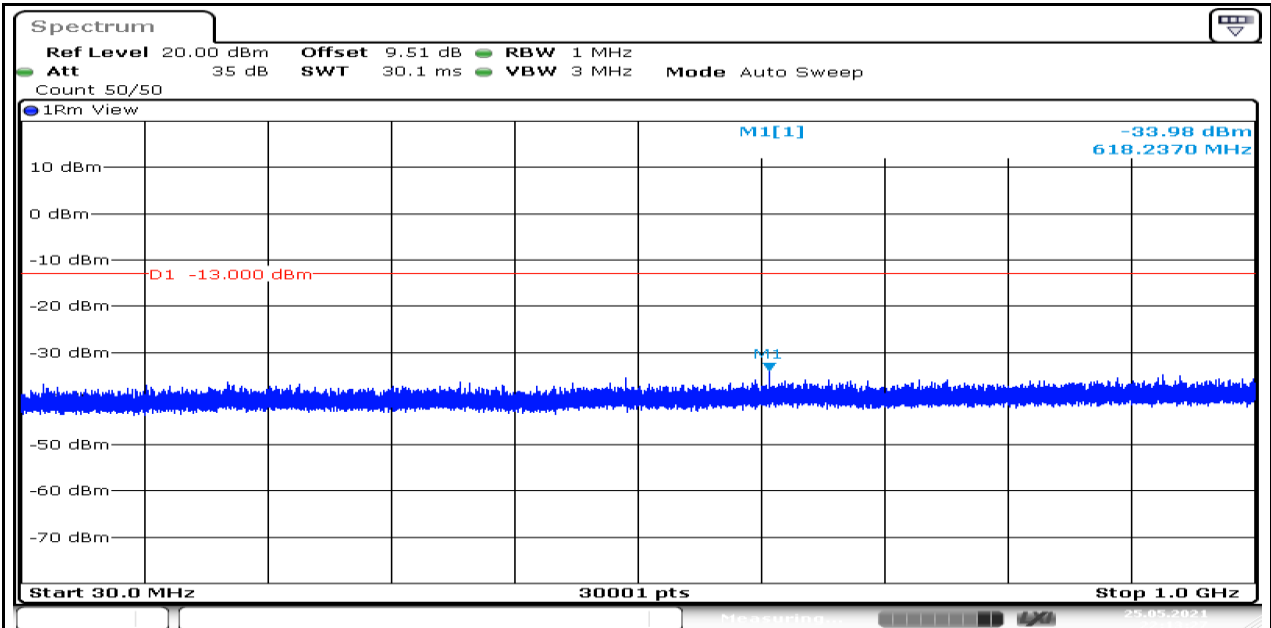
Band66-1.4MHz-16QAM-132322-6-0-Low-5000-12000--53.23-PASS



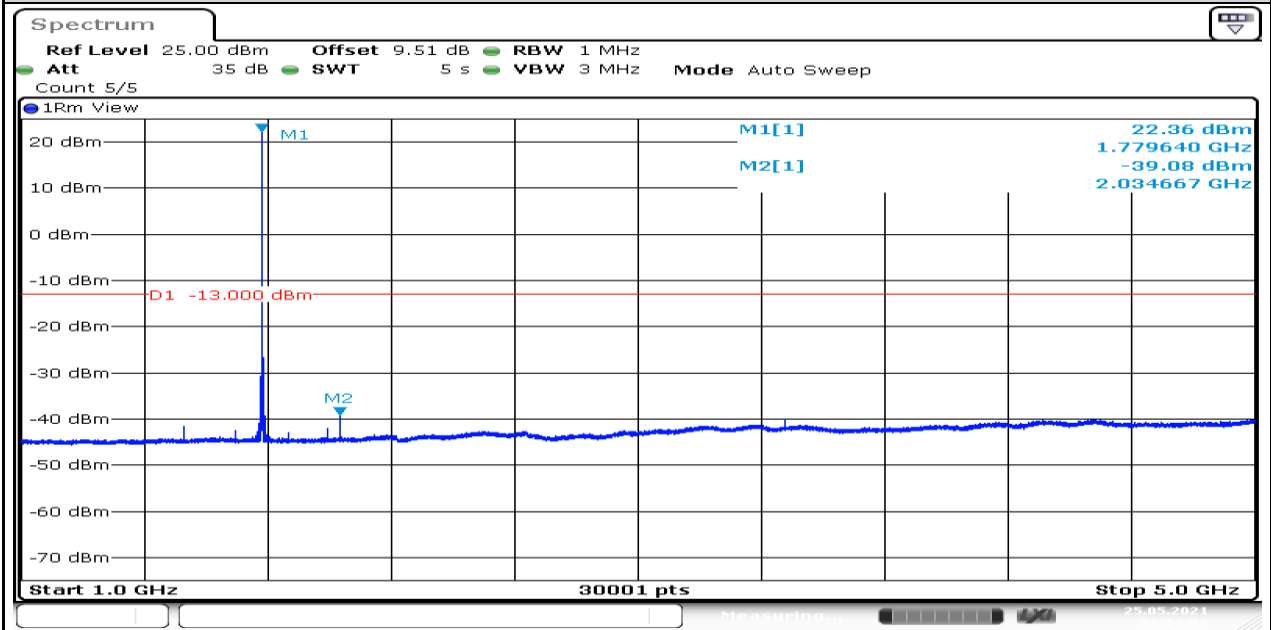
Band66-1.4MHz-16QAM-132322-6-0-Low-12000-26500--49.39-PASS



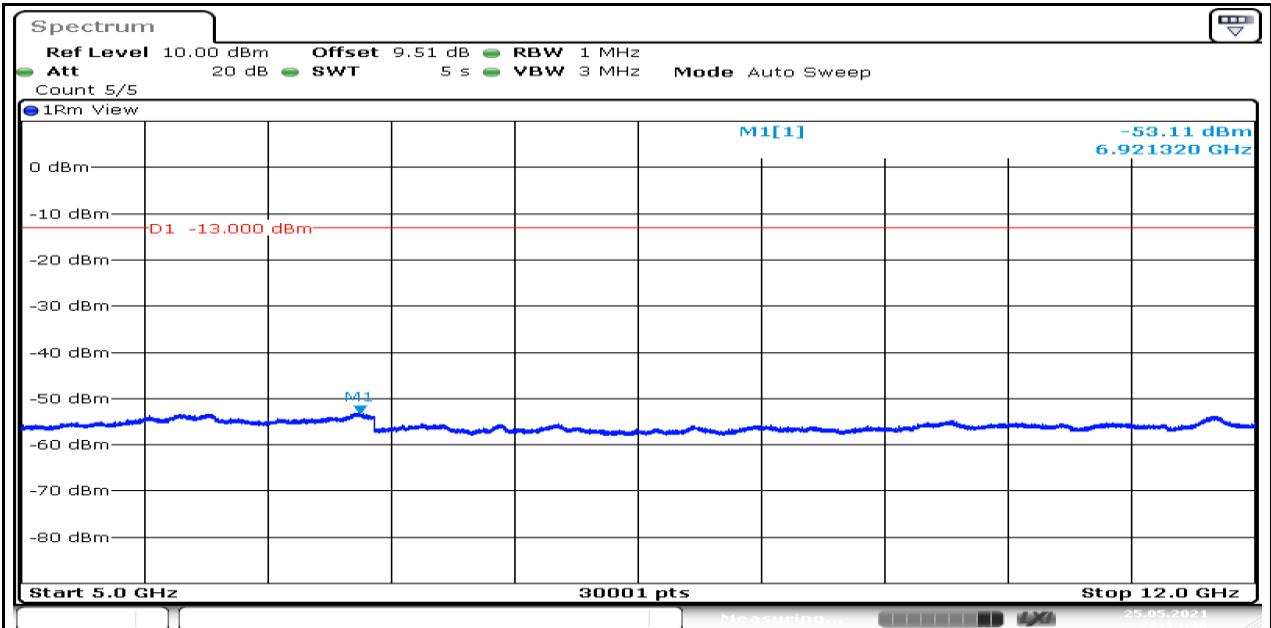
Band66-1.4MHz-16QAM-132665-1-5-Low-30-1000--33.98-PASS



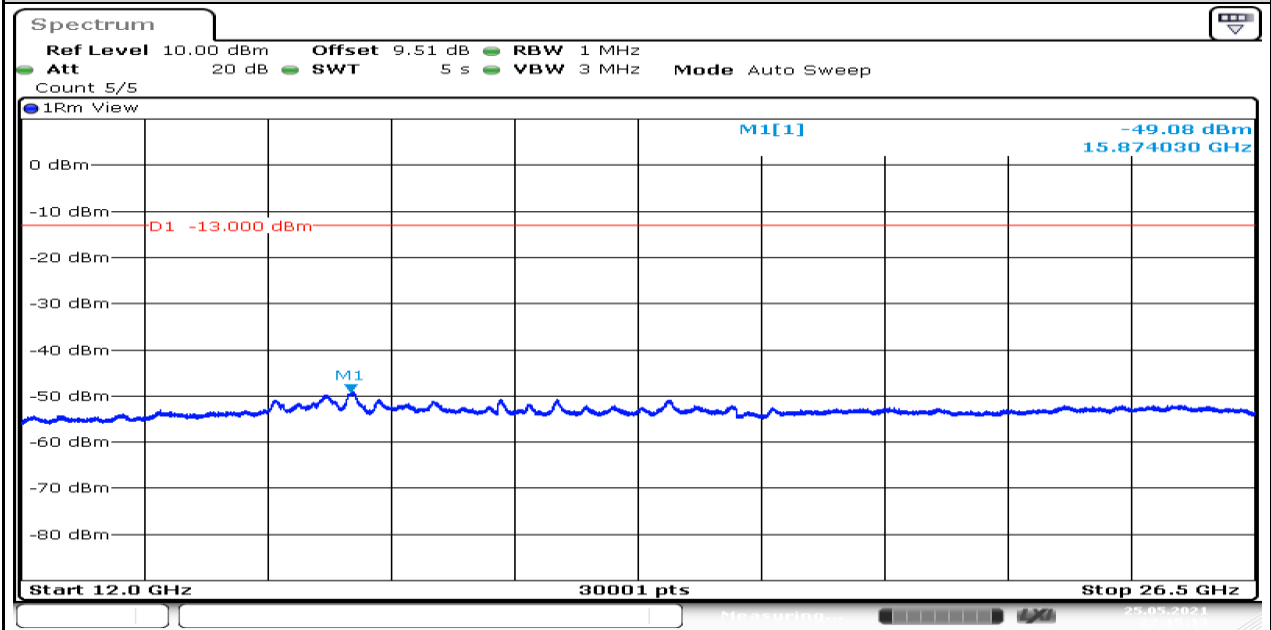
Band66-1.4MHz-16QAM-132665-1-5-Low-1000-5000--39.08-PASS



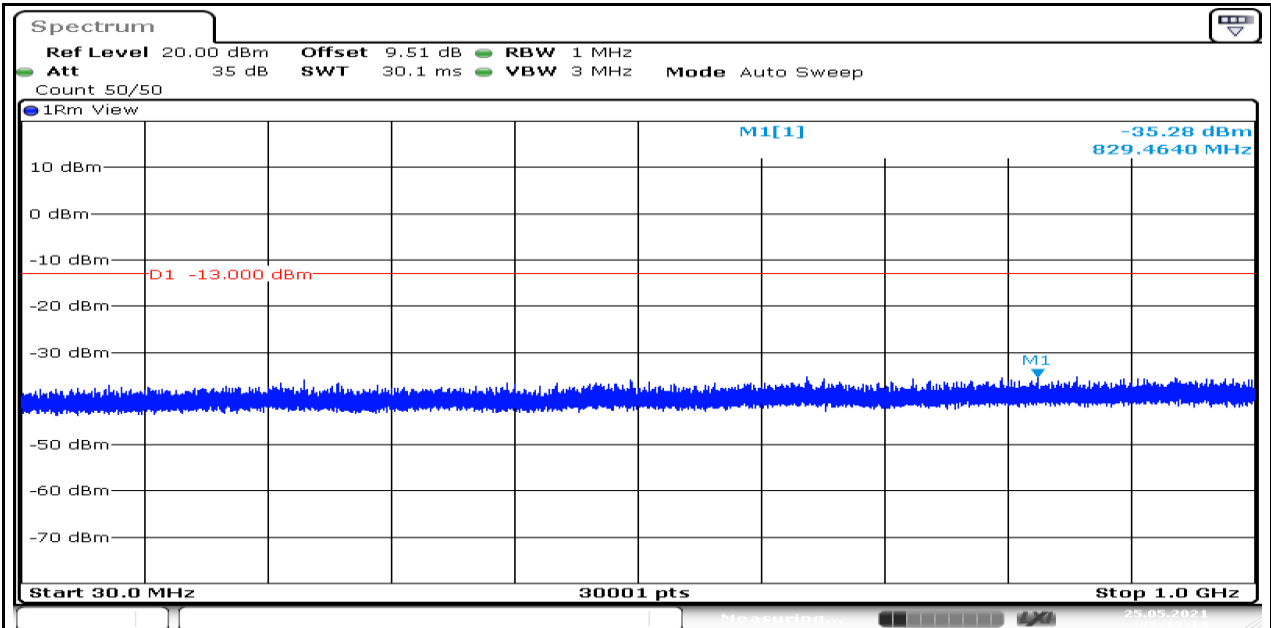
Band66-1.4MHz-16QAM-132665-1-5-Low-5000-12000--53.11-PASS



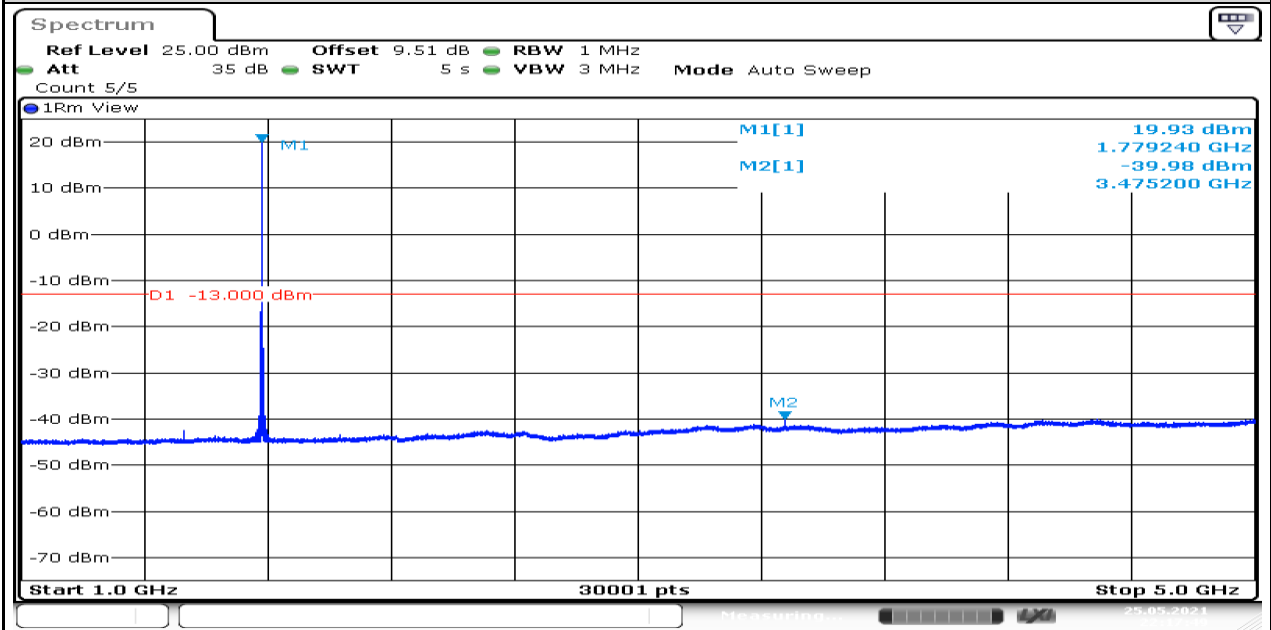
Band66-1.4MHz-16QAM-132665-1-5-Low-12000-26500--49.08-PASS



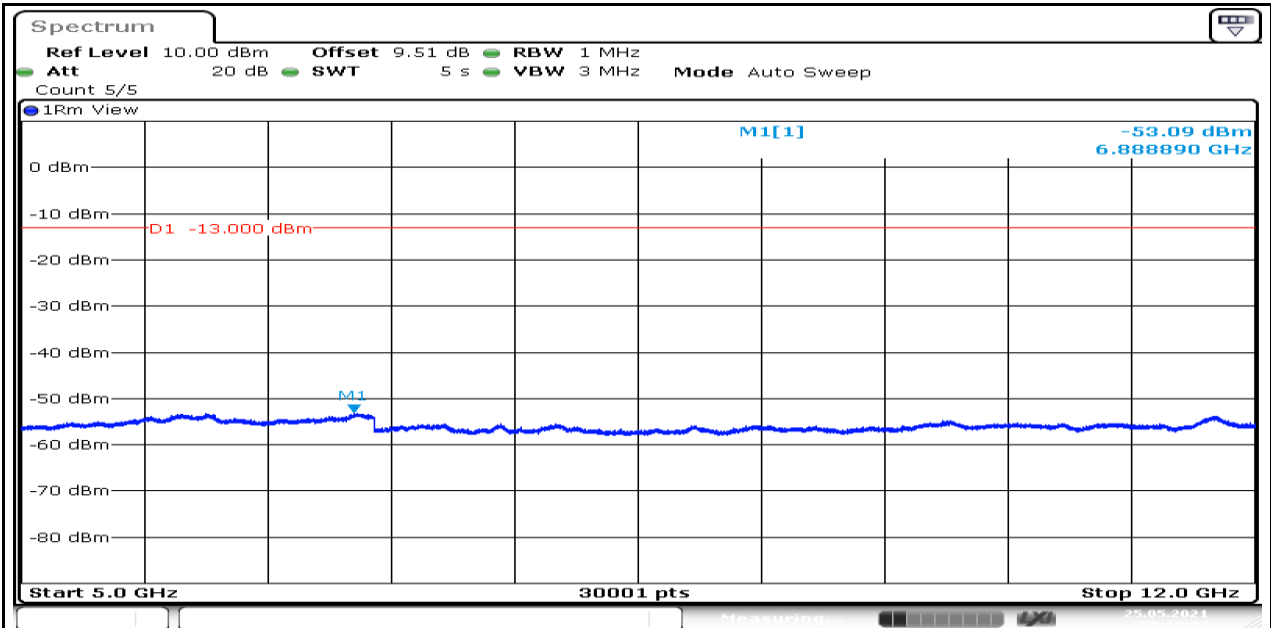
Band66-1.4MHz-16QAM-132665-6-0-Low-30-1000--35.28-PASS



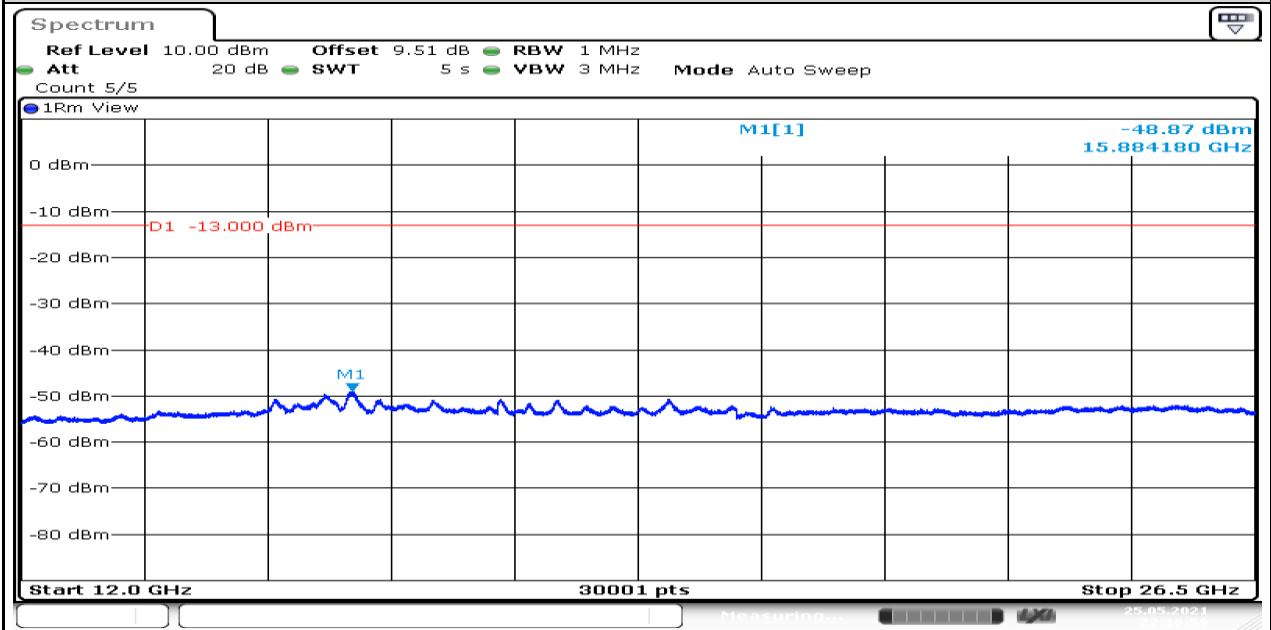
Band66-1.4MHz-16QAM-132665-6-0-Low-1000-5000--39.98-PASS



Band66-1.4MHz-16QAM-132665-6-0-Low-5000-12000--53.09-PASS



Band66-1.4MHz-16QAM-132665-6-0-Low-12000-26500--48.87-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
Band66	1.4MHz	132322	QPSK	1	0	Low	HV	NT	-10.41	-0.005966	±2.5	PASS
Band66	1.4MHz	132322	QPSK	1	0	Low	LV	NT	-16.68	-0.009559	±2.5	PASS
Band66	1.4MHz	132322	QPSK	1	0	Low	NV	NT	-13.19	-0.007559	±2.5	PASS
Band66	1.4MHz	132322	16QAM	1	0	Low	HV	NT	-9.38	-0.005375	±2.5	PASS
Band66	1.4MHz	132322	16QAM	1	0	Low	LV	NT	-15.25	-0.008739	±2.5	PASS
Band66	1.4MHz	132322	16QAM	1	0	Low	NV	NT	-13.75	-0.007880	±2.5	PASS

Temperature												
Band	Bandwidth	Channel	Modulation	RB Size	RB Start	Index	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band66	1.4MHz	132322	QPSK	1	0	Low	NV	85	-10.80	-0.006189	±2.5	PASS
Band66	1.4MHz	132322	QPSK	1	0	Low	NV	-30	-10.79	-0.006183	±2.5	PASS
Band66	1.4MHz	132322	QPSK	1	0	Low	NV	-20	-8.84	-0.005066	±2.5	PASS
Band66	1.4MHz	132322	QPSK	1	0	Low	NV	-10	-13.53	-0.007754	±2.5	PASS
Band66	1.4MHz	132322	QPSK	1	0	Low	NV	0	-16.14	-0.009249	±2.5	PASS
Band66	1.4MHz	132322	QPSK	1	0	Low	NV	10	-15.56	-0.008917	±2.5	PASS
Band66	1.4MHz	132322	QPSK	1	0	Low	NV	20	-15.05	-0.008625	±2.5	PASS
Band66	1.4MHz	132322	QPSK	1	0	Low	NV	30	-15.34	-0.008791	±2.5	PASS
Band66	1.4MHz	132322	QPSK	1	0	Low	NV	40	-10.49	-0.006011	±2.5	PASS
Band66	1.4MHz	132322	QPSK	1	0	Low	NV	50	-9.47	-0.005427	±2.5	PASS
Band66	1.4MHz	132322	QPSK	1	0	Low	NV	60	-11.86	-0.006797	±2.5	PASS
Band66	1.4MHz	132322	QPSK	1	0	Low	NV	70	-9.18	-0.005261	±2.5	PASS
Band66	1.4MHz	132322	QPSK	1	0	Low	NV	-40	-10.11	-0.005794	±2.5	PASS
Band66	1.4MHz	132322	QPSK	1	0	Low	NV	80	-17.29	-0.009908	±2.5	PASS
Band66	1.4MHz	132322	16QAM	1	0	Low	NV	85	-15.74	-0.009020	±2.5	PASS
Band66	1.4MHz	132322	16QAM	1	0	Low	NV	-30	-9.01	-0.005163	±2.5	PASS
Band66	1.4MHz	132322	16QAM	1	0	Low	NV	-20	-14.79	-0.008476	±2.5	PASS
Band66	1.4MHz	132322	16QAM	1	0	Low	NV	-10	-7.04	-0.004034	±2.5	PASS
Band66	1.4MHz	132322	16QAM	1	0	Low	NV	0	-16.62	-0.009524	±2.5	PASS
Band66	1.4MHz	132322	16QAM	1	0	Low	NV	10	-9.16	-0.005249	±2.5	PASS
Band66	1.4MHz	132322	16QAM	1	0	Low	NV	20	-10.17	-0.005828	±2.5	PASS
Band66	1.4MHz	132322	16QAM	1	0	Low	NV	30	-15.15	-0.008682	±2.5	PASS
Band66	1.4MHz	132322	16QAM	1	0	Low	NV	40	-13.58	-0.007782	±2.5	PASS
Band66	1.4MHz	132322	16QAM	1	0	Low	NV	50	-6.65	-0.003811	±2.5	PASS
Band66	1.4MHz	132322	16QAM	1	0	Low	NV	60	-14.08	-0.008069	±2.5	PASS
Band66	1.4MHz	132322	16QAM	1	0	Low	NV	70	-15.61	-0.008946	±2.5	PASS
Band66	1.4MHz	132322	16QAM	1	0	Low	NV	80	-10.99	-0.006298	±2.5	PASS
Band66	1.4MHz	132322	16QAM	1	0	Low	NV	-40	-14.45	-0.008281	±2.5	PASS