

Appendix E: Test Results of Band 13 for eMTC operation

APPENDIX E: TEST RESULTS OF BAND 13 FOR EMTC OPERATION	1
APPENDIX E.1: RF POWER OUTPUT AND EFFECTIVE (ISOTROPIC) RADIATED POWER OUTPUT DATA FOR M1	2
Test Result	2
APPENDIX E.2: PEAK-TO-AVERAGE RATIO (CCDF) FOR M1.....	3
Test Result	3
Test Graphs.....	3
APPENDIX E.3: 26dB BANDWIDTH AND OCCUPIED BANDWIDTH FOR M1	6
Test Result	6
Test Graphs.....	6
APPENDIX E.4: BAND EDGE FOR M1.....	9
Test Result	9
Test Graphs.....	9
APPENDIX E.5: CONDUCTED SPURIOUS EMISSION FOR M1	14
Test Result	14
Test Graphs.....	14
APPENDIX E.6: FREQUENCY STABILITY FOR M1	39
Test Result	39

Appendix E.1: RF Power Output and Effective (Isotropic) Radiated Power Output Data for M1

Test Result

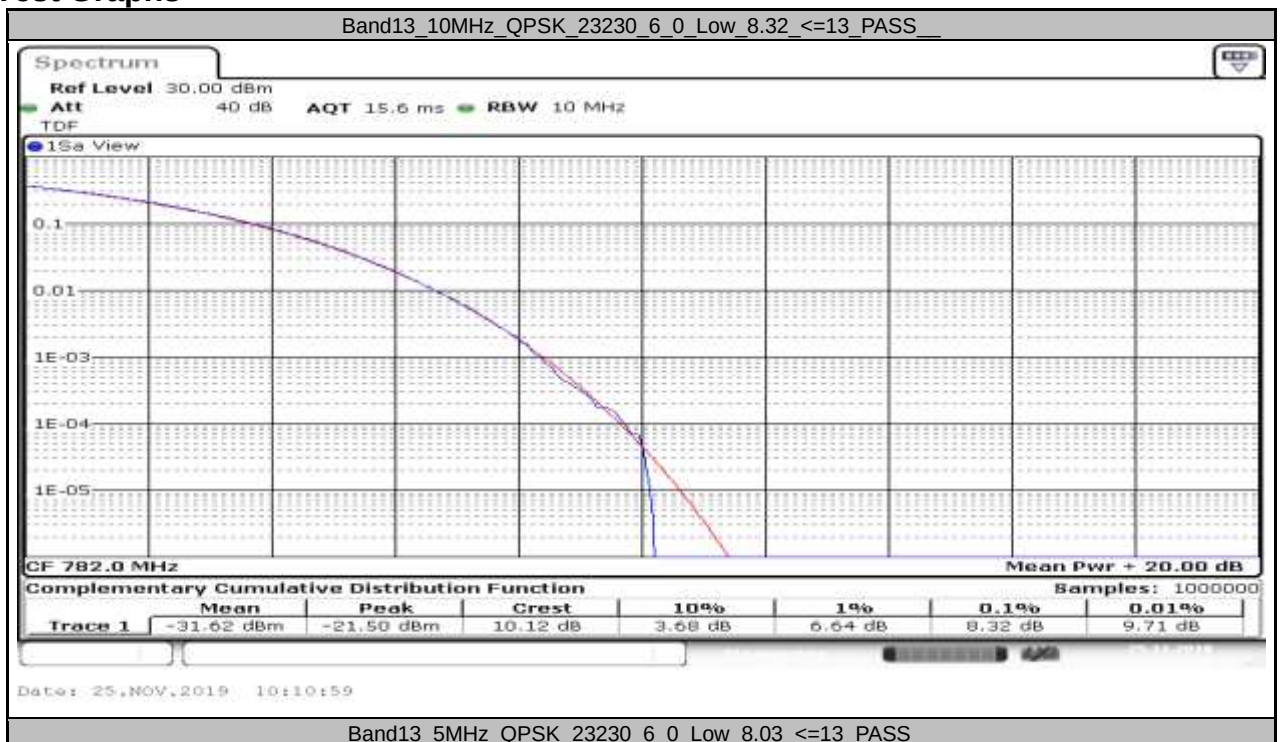
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NBIndex	Result (dBm)	ERP		Limit (watts)	Verdict
								dBm	Watts		
Band13	5MHz	QPSK	23205	1	0	Low	21.27	21.26	0.134	3	PASS
Band13	5MHz	QPSK	23230	1	0	Low	21.28	21.27	0.134	3	PASS
Band13	5MHz	QPSK	23255	1	5	High	20.96	20.95	0.124	3	PASS
Band13	5MHz	QPSK	23255	3	3	High	21.23	21.22	0.132	3	PASS
Band13	5MHz	QPSK	23205	6	0	Low	20.11	20.1	0.102	3	PASS
Band13	5MHz	QPSK	23230	6	0	Low	20.22	20.21	0.105	3	PASS
Band13	5MHz	16QAM	23205	1	0	Low	20.61	20.6	0.115	3	PASS
Band13	5MHz	16QAM	23230	1	0	Low	20.95	20.94	0.124	3	PASS
Band13	5MHz	16QAM	23255	1	5	High	20.54	20.53	0.113	3	PASS
Band13	5MHz	16QAM	23255	3	3	High	20.66	20.65	0.116	3	PASS
Band13	5MHz	16QAM	23205	6	0	Low	20.06	20.05	0.101	3	PASS
Band13	5MHz	16QAM	23230	6	0	Low	20.25	20.24	0.106	3	PASS
Band13	10MHz	QPSK	23230	1	0	Low	21.28	21.27	0.134	3	PASS
Band13	10MHz	QPSK	23230	1	5	High	21.39	21.38	0.137	3	PASS
Band13	10MHz	QPSK	23230	5	0	Low	21.17	21.16	0.131	3	PASS
Band13	10MHz	QPSK	23230	5	1	High	21.39	21.38	0.137	3	PASS
Band13	10MHz	16QAM	23230	1	0	Low	20.51	20.5	0.112	3	PASS
Band13	10MHz	16QAM	23230	1	5	High	20.61	20.6	0.115	3	PASS
Band13	10MHz	16QAM	23230	5	0	Low	21.26	21.25	0.133	3	PASS
Band13	10MHz	16QAM	23230	5	1	High	21.07	21.06	0.128	3	PASS

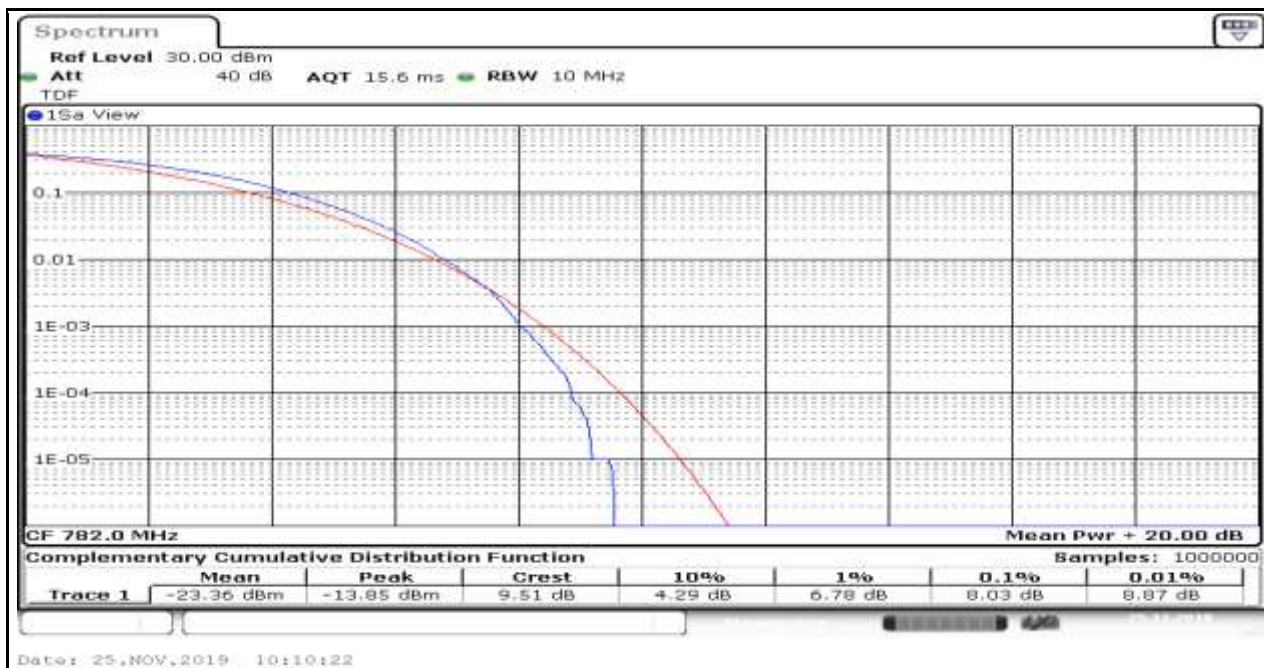
Appendix E.2: Peak-to-Average Ratio (CCDF) for M1

Test Result

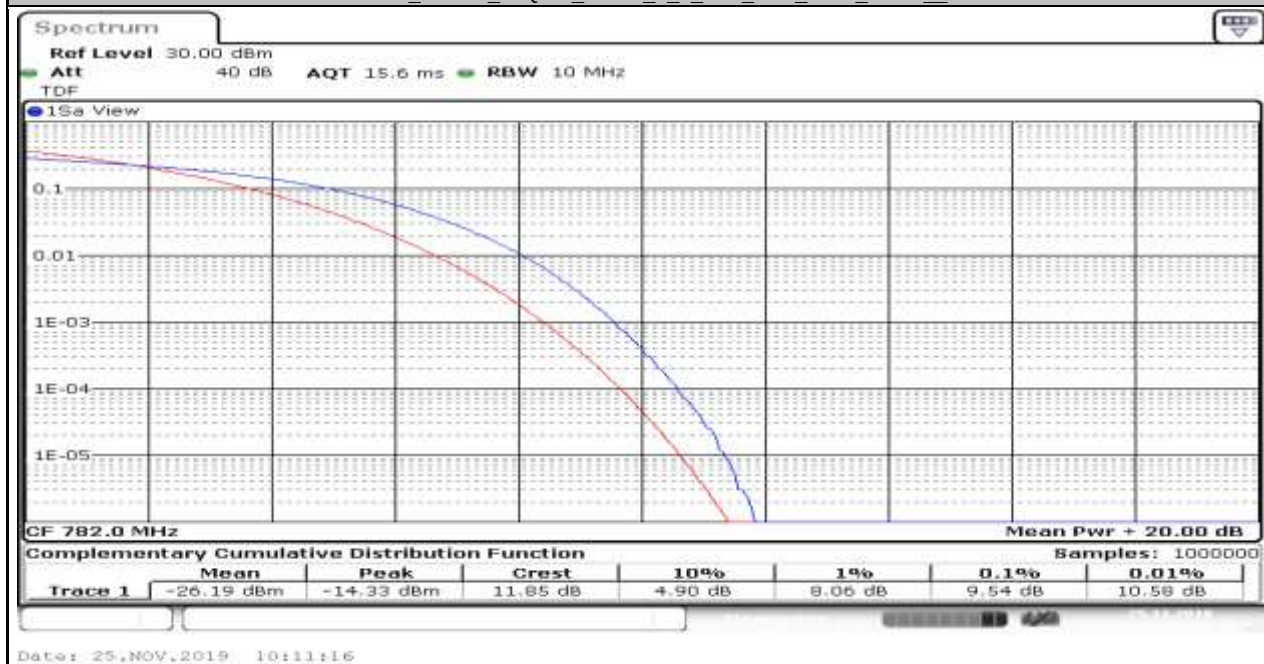
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NBIndex	Result(dB)	Limit(dB)	Verdict
Band13	10MHz	QPSK	23230	6	0	Low	8.32	<=13	PASS
Band13	5MHz	QPSK	23230	6	0	Low	8.03	<=13	PASS
Band13	10MHz	16QAM	23230	6	0	Low	9.54	<=13	PASS
Band13	5MHz	16QAM	23230	6	0	Low	10.26	<=13	PASS

Test Graphs





Band13_10MHz_16QAM_23230_6_0_Low_9.54_<=13_PASS



Band13_5MHz_16QAM_23230_6_0_Low_10.26_<=13_PASS

Produkte
Products

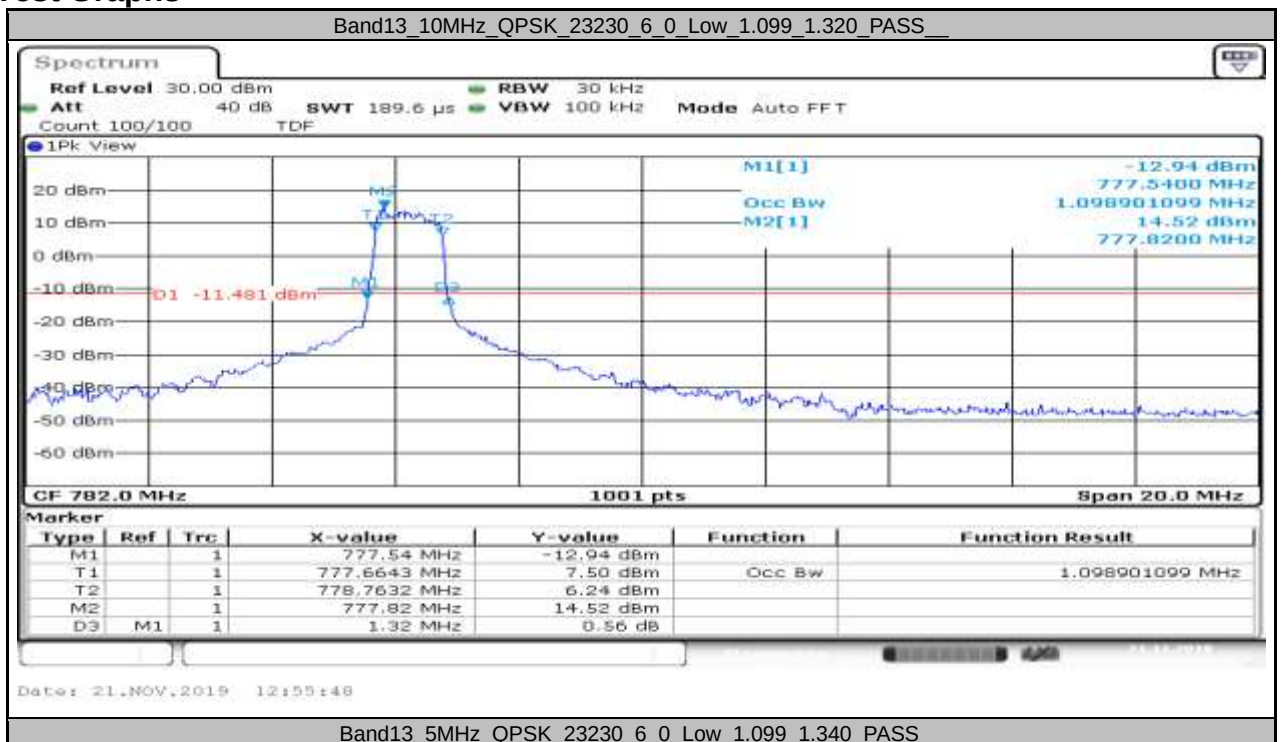


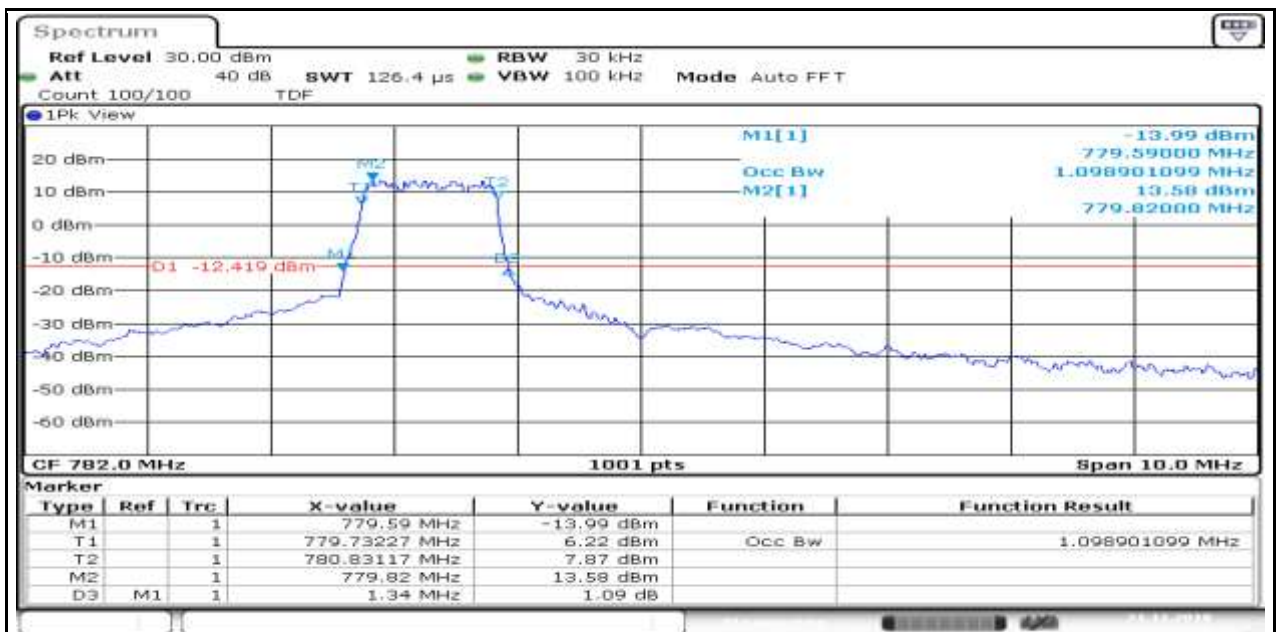
Appendix E.3: 26dB Bandwidth and Occupied Bandwidth for M1

Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	10MHz	QPSK	23230	6	0	Low	1.099	1.320	PASS
Band13	5MHz	QPSK	23230	6	0	Low	1.099	1.340	PASS
Band13	10MHz	16QAM	23230	6	0	Low	1.099	1.320	PASS
Band13	5MHz	16QAM	23230	6	0	Low	1.099	1.330	PASS

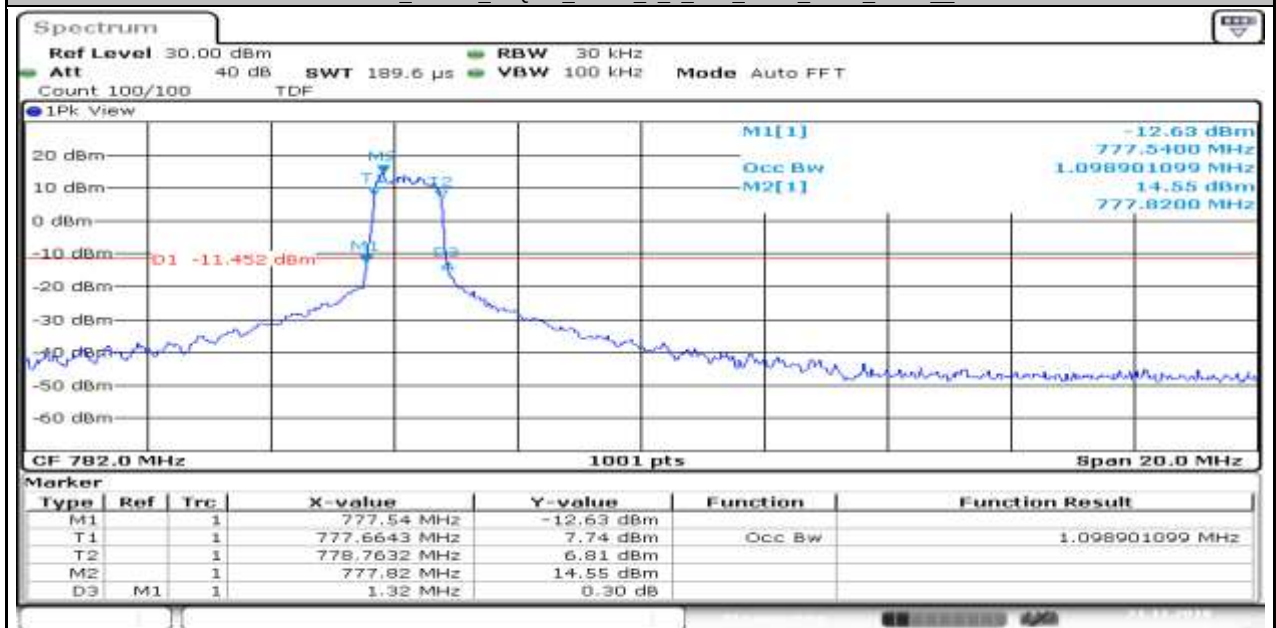
Test Graphs





Date: 21.NOV.2019 12:47:49

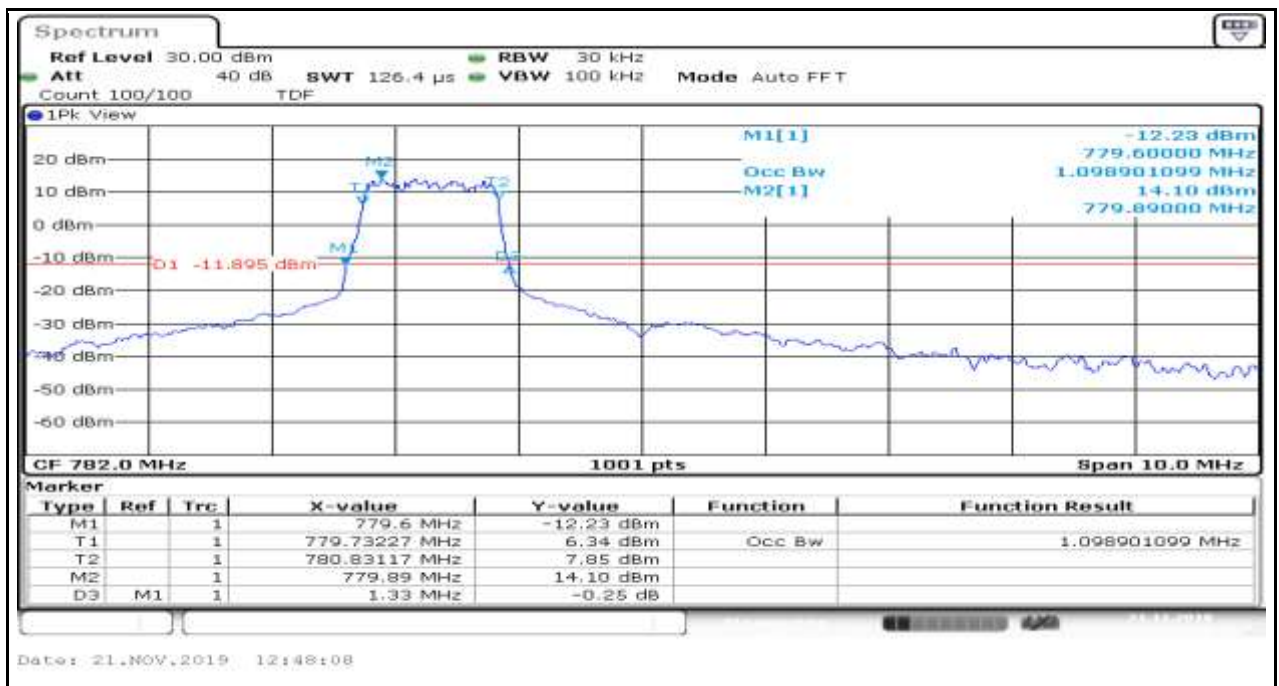
Band13_10MHz_16QAM_23230_6_0_Low_1.099_1.320_PASS_



Date: 21.NOV.2019 12:56:07

Band13_5MHz_16QAM_23230_6_0_Low_1.099_1.330_PASS_

Produkte
Products

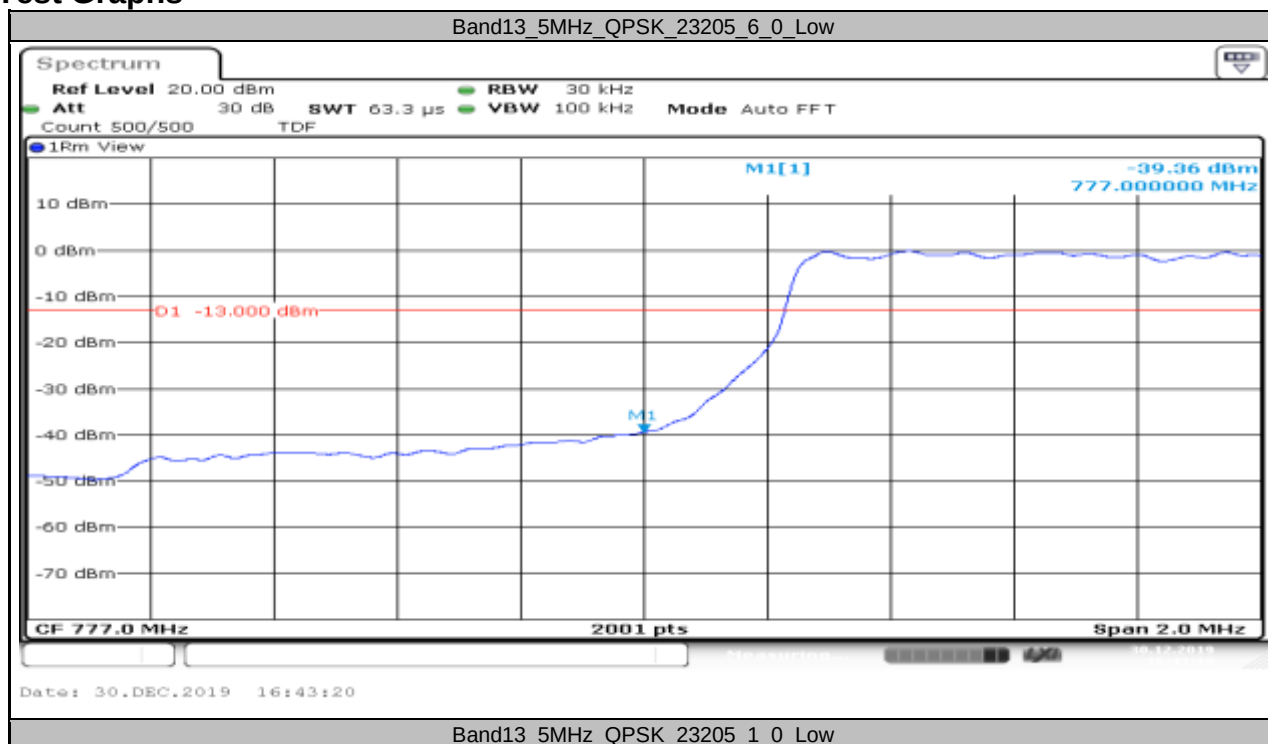


Appendix E.4: Band Edge for M1

Test Result

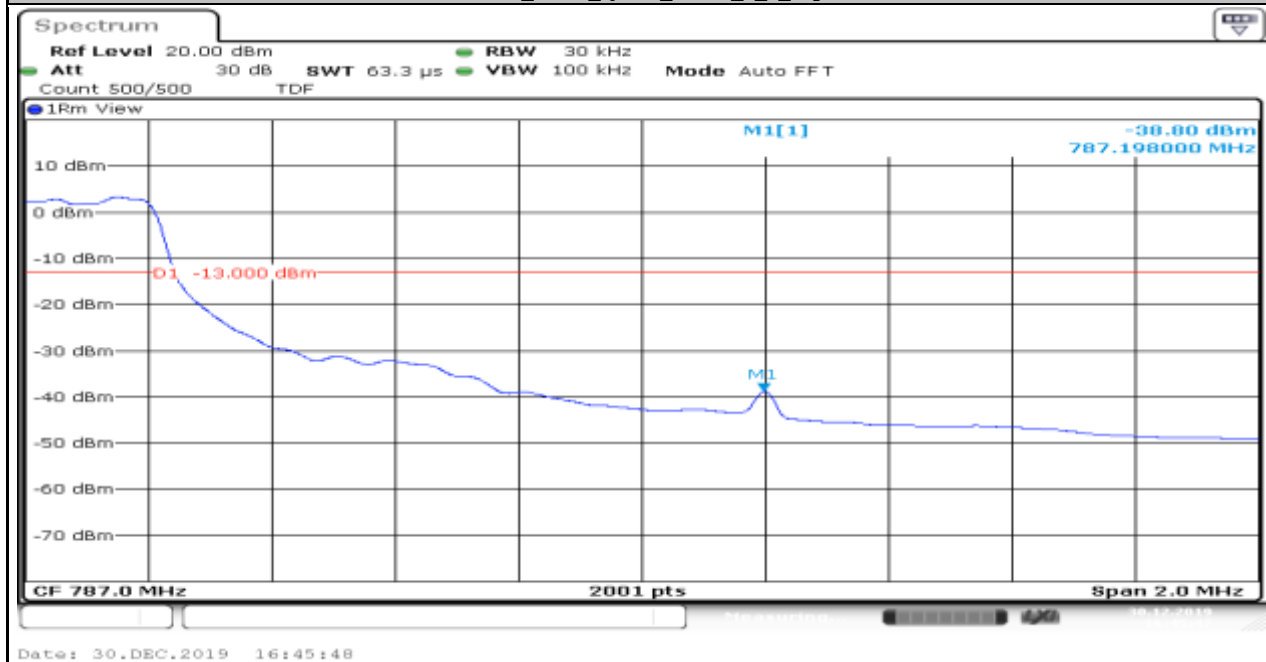
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	6	0	Low	-39.36	PASS
Band13	5MHz	QPSK	23205	1	0	Low	-38.23	PASS
Band13	5MHz	QPSK	23255	3	3	High	-38.80	PASS
Band13	5MHz	QPSK	23255	1	5	High	-33.93	PASS
Band13	5MHz	16QAM	23205	6	0	Low	-40.81	PASS
Band13	5MHz	16QAM	23205	1	0	Low	-39.41	PASS
Band13	5MHz	16QAM	23255	3	3	High	-35.26	PASS
Band13	5MHz	16QAM	23255	1	5	High	-39.49	PASS

Test Graphs





Band13_5MHz_QPSK_23255_3_3_High

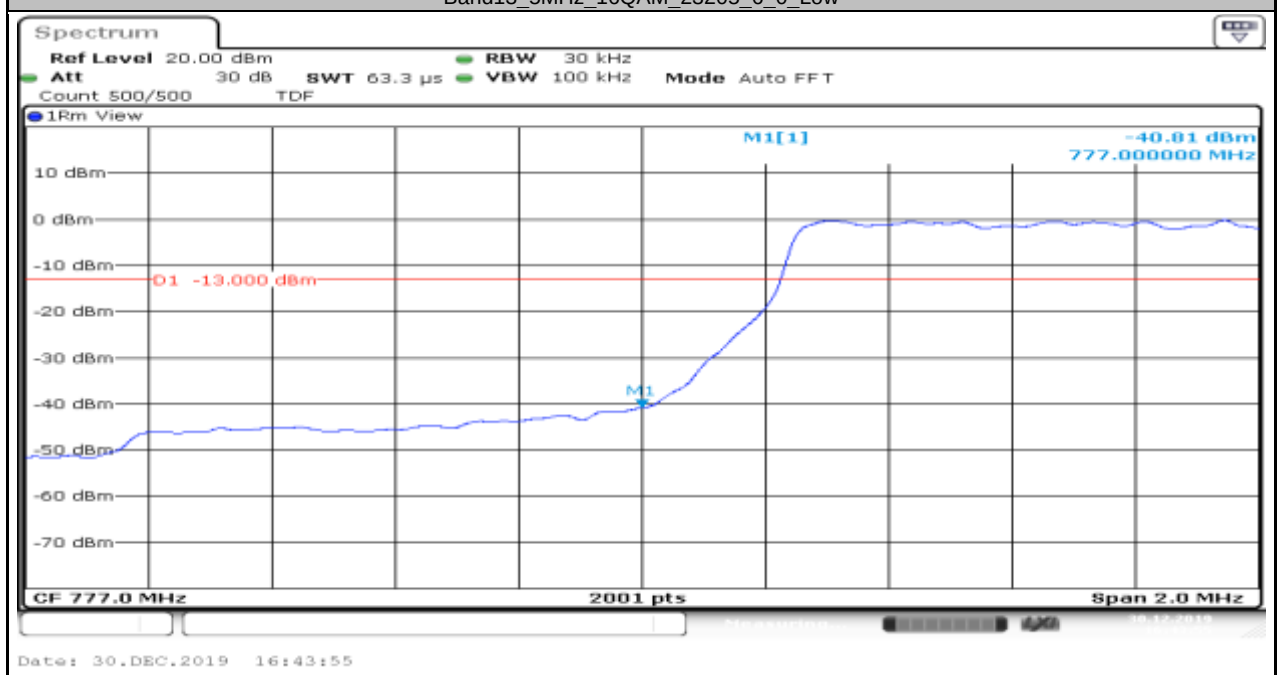


Band13_5MHz_QPSK_23255_1_5_High

Produkte
Products



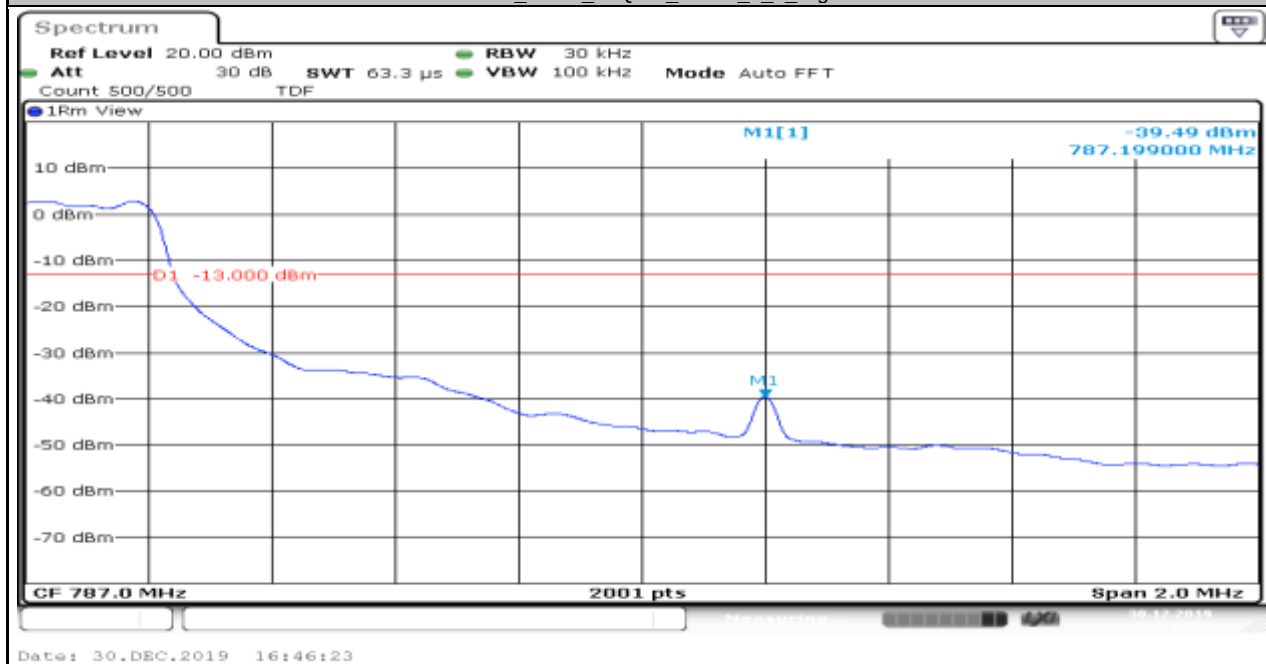
Band13_5MHz_16QAM_23205_6_0_Low



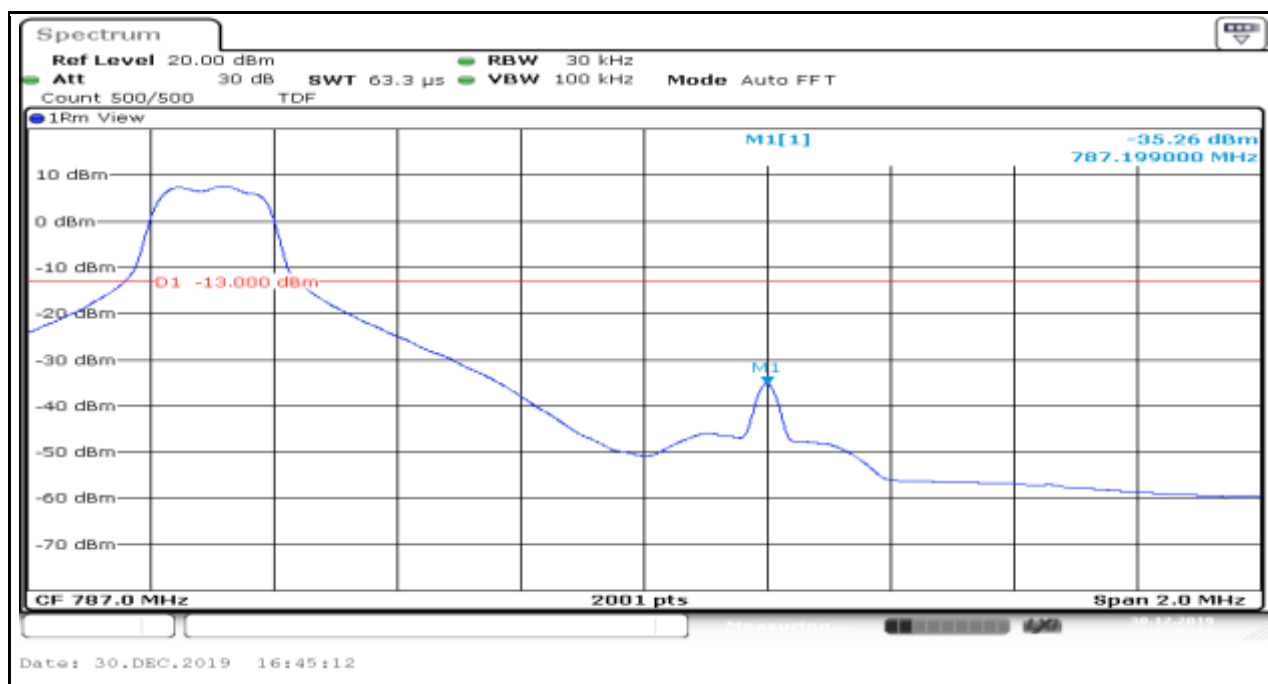
Band13_5MHz_16QAM_23205_1_0_Low



Band13_5MHz_16QAM_23255_3_3_High



Band13_5MHz_16QAM_23255_1_5_High



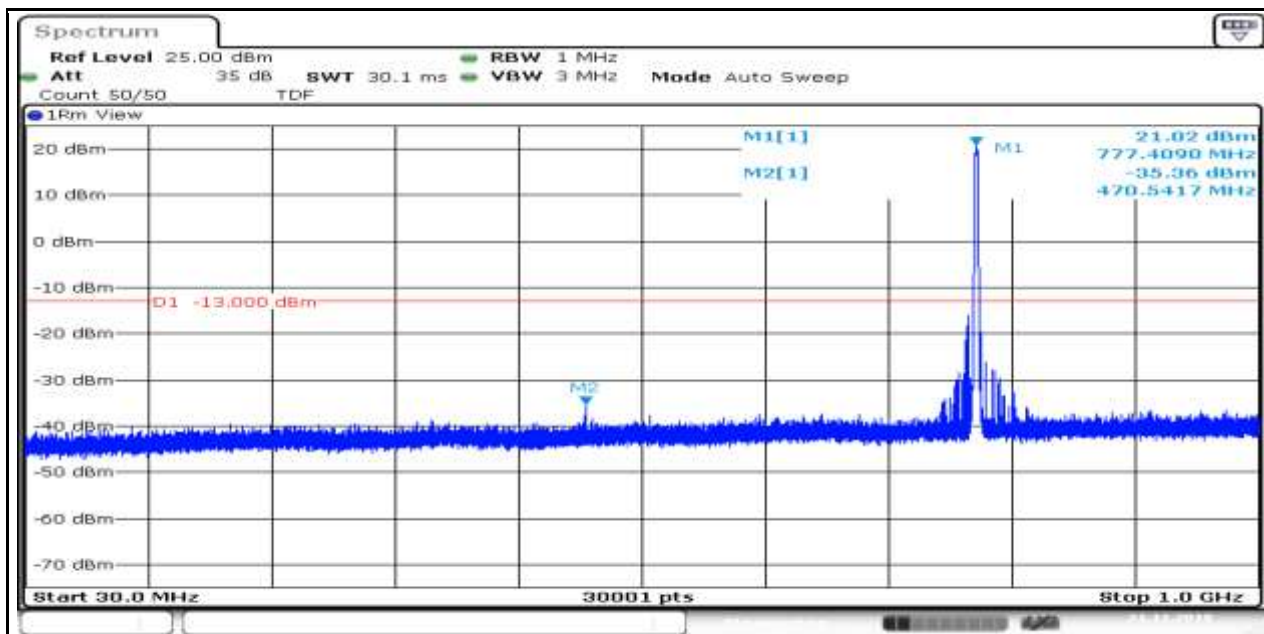
Appendix E.5: Conducted Spurious Emission for M1

Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Start Freq	Stop Freq	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	6	0	Low	30	1000	-35.36	PASS
Band13	5MHz	QPSK	23205	1	0	Low	30	1000	-36.34	PASS
Band13	5MHz	QPSK	23205	6	0	Low	12000	26500	-42.2	PASS
Band13	5MHz	QPSK	23205	6	0	Low	5000	12000	-48.04	PASS
Band13	5MHz	QPSK	23205	6	0	Low	1000	5000	-38.9	PASS
Band13	5MHz	QPSK	23205	1	0	Low	12000	26500	-42.31	PASS
Band13	5MHz	QPSK	23205	1	0	Low	1000	5000	-38.78	PASS
Band13	5MHz	QPSK	23205	1	0	Low	5000	12000	-48.1	PASS
Band13	5MHz	QPSK	23230	6	0	Low	12000	26500	-42.21	PASS
Band13	5MHz	QPSK	23230	1	0	Low	1000	5000	-38.85	PASS
Band13	5MHz	QPSK	23230	1	0	Low	5000	12000	-48.14	PASS
Band13	5MHz	QPSK	23230	1	0	Low	12000	26500	-42.34	PASS
Band13	5MHz	QPSK	23230	6	0	Low	1000	5000	-38.97	PASS
Band13	5MHz	QPSK	23230	1	0	Low	30	1000	-36.17	PASS
Band13	5MHz	QPSK	23230	6	0	Low	5000	12000	-48.17	PASS
Band13	5MHz	QPSK	23230	6	0	Low	30	1000	-35.25	PASS
Band13	5MHz	QPSK	23255	1	5	High	12000	26500	-42.15	PASS
Band13	5MHz	QPSK	23255	3	3	High	12000	26500	-42.04	PASS
Band13	5MHz	QPSK	23255	3	3	High	5000	12000	-48.22	PASS
Band13	5MHz	QPSK	23255	3	3	High	30	1000	-36.7	PASS
Band13	5MHz	QPSK	23255	1	5	High	1000	5000	-38.81	PASS
Band13	5MHz	QPSK	23255	1	5	High	5000	12000	-48.26	PASS
Band13	5MHz	QPSK	23255	1	5	High	30	1000	-36.51	PASS
Band13	5MHz	QPSK	23255	3	3	High	1000	5000	-38.84	PASS
Band13	5MHz	16QAM	23205	1	0	Low	1000	5000	-38.74	PASS
Band13	5MHz	16QAM	23205	1	0	Low	5000	12000	-48.24	PASS
Band13	5MHz	16QAM	23205	1	0	Low	12000	26500	-42.01	PASS
Band13	5MHz	16QAM	23205	6	0	Low	12000	26500	-42.22	PASS
Band13	5MHz	16QAM	23205	6	0	Low	5000	12000	-47.92	PASS
Band13	5MHz	16QAM	23205	6	0	Low	30	1000	-36.46	PASS
Band13	5MHz	16QAM	23205	1	0	Low	30	1000	-36.43	PASS
Band13	5MHz	16QAM	23205	6	0	Low	1000	5000	-38.88	PASS
Band13	5MHz	16QAM	23230	6	0	Low	12000	26500	-42.2	PASS
Band13	5MHz	16QAM	23230	1	0	Low	1000	5000	-38.75	PASS
Band13	5MHz	16QAM	23230	1	0	Low	12000	26500	-42.23	PASS
Band13	5MHz	16QAM	23230	6	0	Low	30	1000	-36.67	PASS
Band13	5MHz	16QAM	23230	6	0	Low	1000	5000	-38.84	PASS
Band13	5MHz	16QAM	23230	6	0	Low	5000	12000	-47.95	PASS
Band13	5MHz	16QAM	23230	1	0	Low	30	1000	-36.31	PASS
Band13	5MHz	16QAM	23230	1	0	Low	5000	12000	-48.07	PASS
Band13	5MHz	16QAM	23255	3	3	High	5000	12000	-48.14	PASS
Band13	5MHz	16QAM	23255	3	3	High	1000	5000	-38.93	PASS
Band13	5MHz	16QAM	23255	3	3	High	30	1000	-36.33	PASS
Band13	5MHz	16QAM	23255	1	5	High	12000	26500	-42.1	PASS
Band13	5MHz	16QAM	23255	1	5	High	5000	12000	-47.73	PASS
Band13	5MHz	16QAM	23255	1	5	High	30	1000	-36.65	PASS
Band13	5MHz	16QAM	23255	3	3	High	12000	26500	-42.21	PASS
Band13	5MHz	16QAM	23255	1	5	High	1000	5000	-38.87	PASS

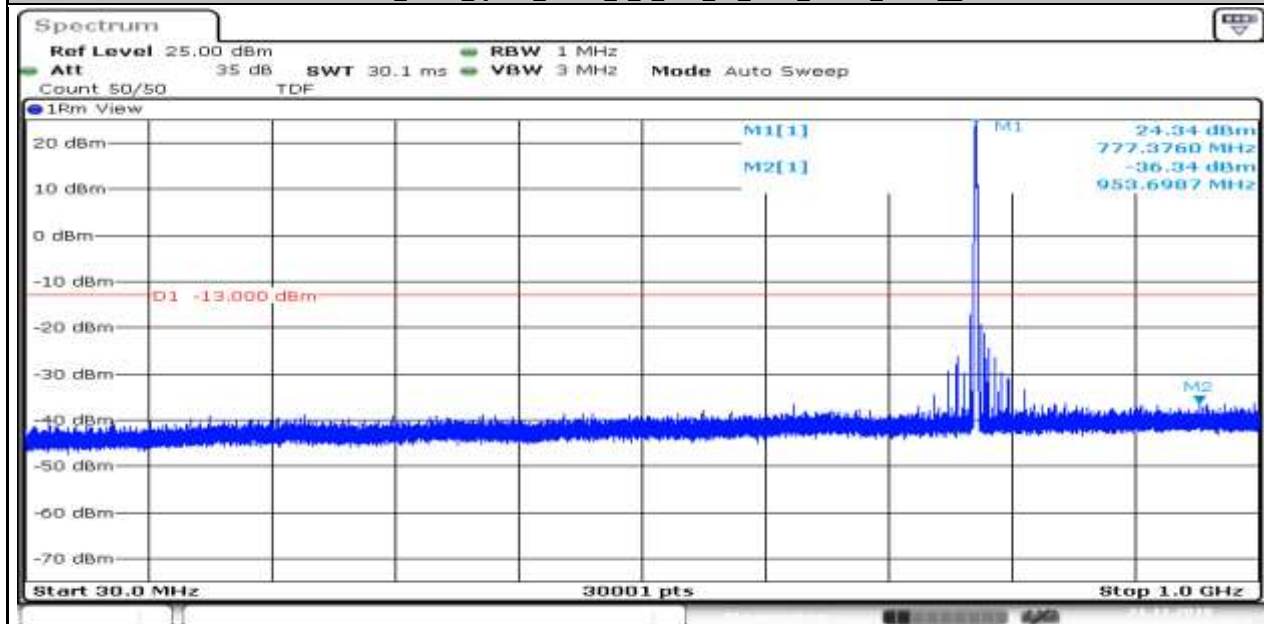
Test Graphs

Band13_5MHz_QPSK_23205_6_0_Low_30_1000_-35.36_PASS_



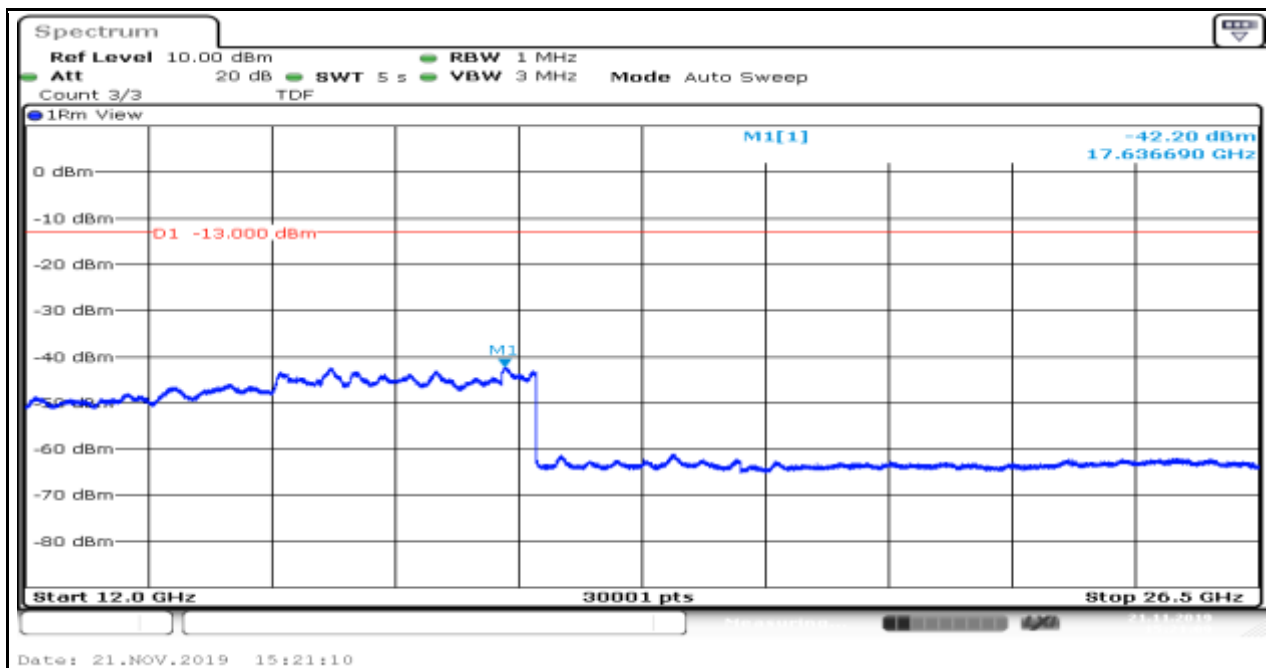
Date: 21.NOV.2019 15:20:05

Band13_5MHz_QPSK_23205_1_0_Low_30_1000_-36.34_PASS

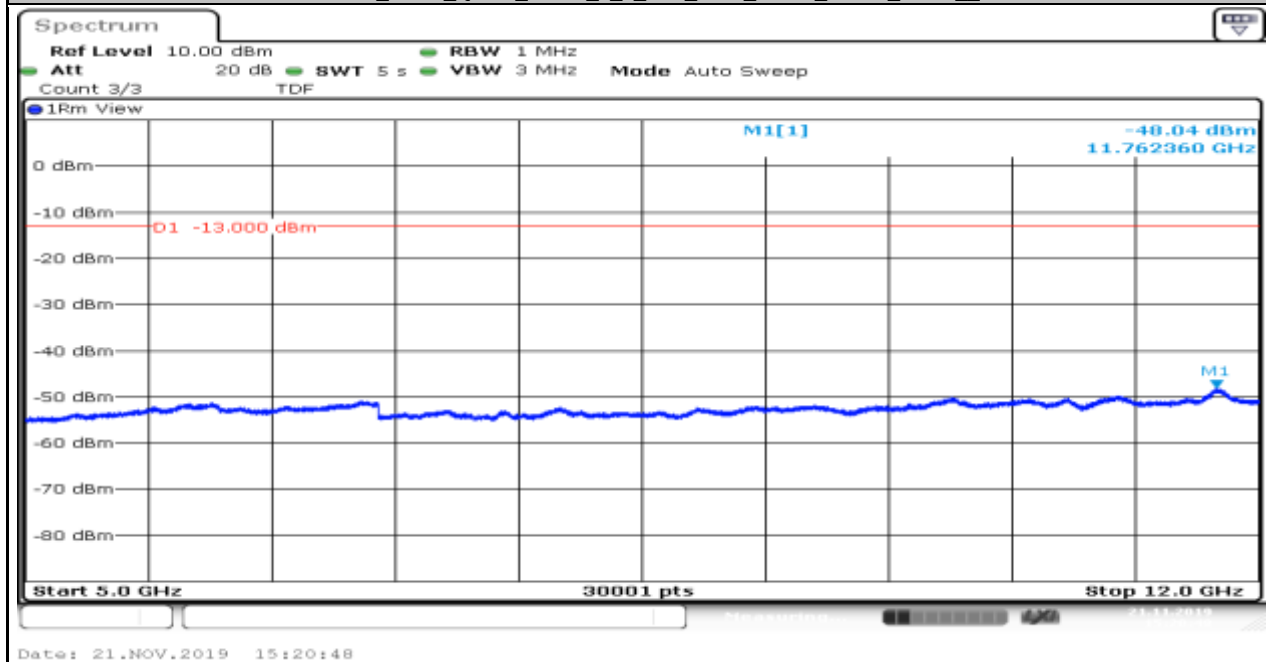


Date: 21.NOV.2019 15:17:19

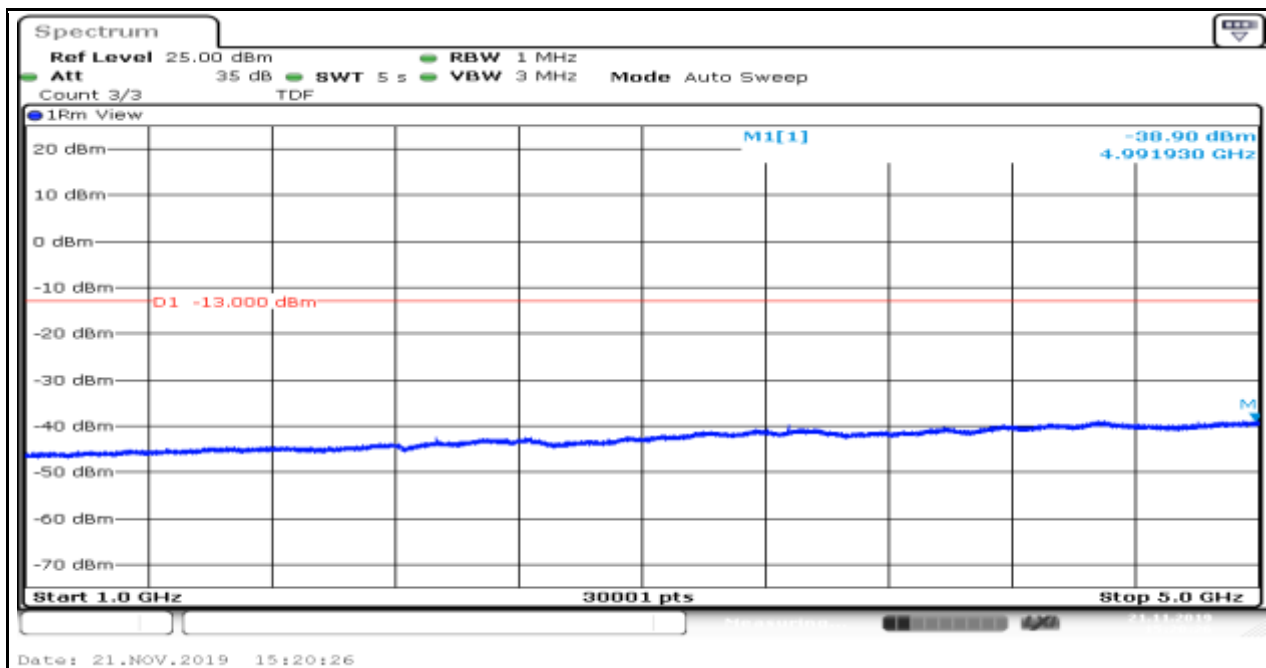
Band13_5MHz_QPSK_23205_6_0_Low_12000_26500_-42.2_PASS



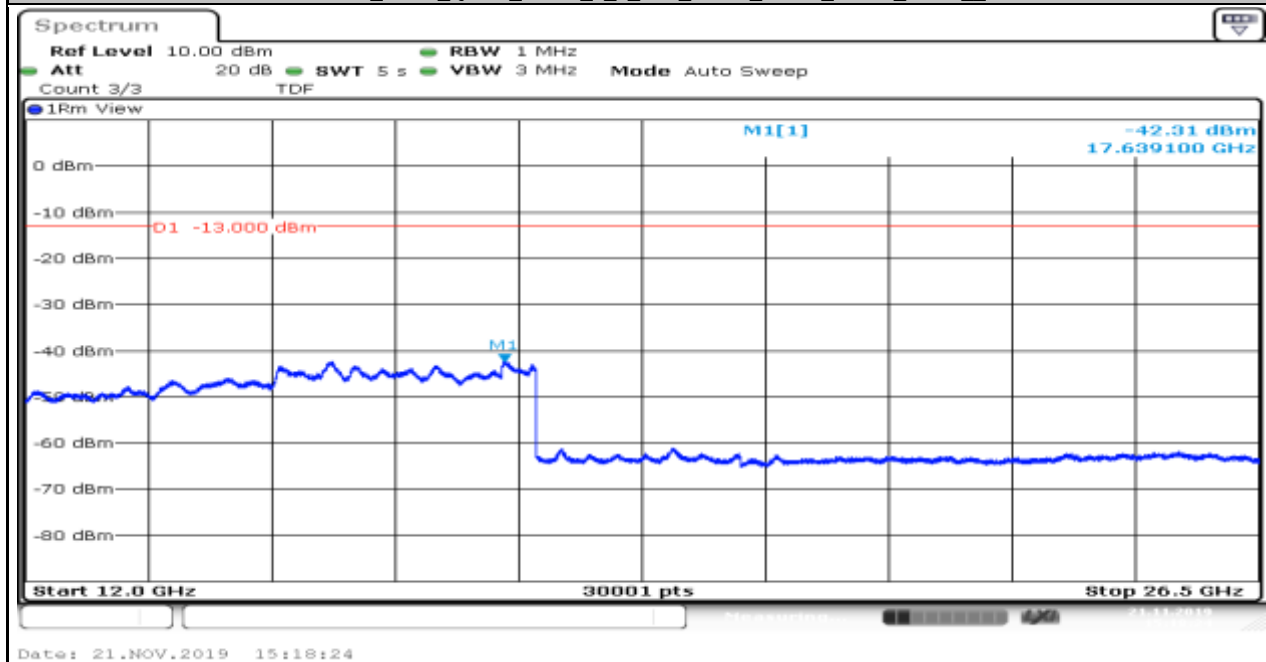
Band13_5MHz_QPSK_23205_6_0_Low_5000_12000_-48.04_PASS_



Band13_5MHz_QPSK_23205_6_0_Low_1000_5000_-38.9_PASS_

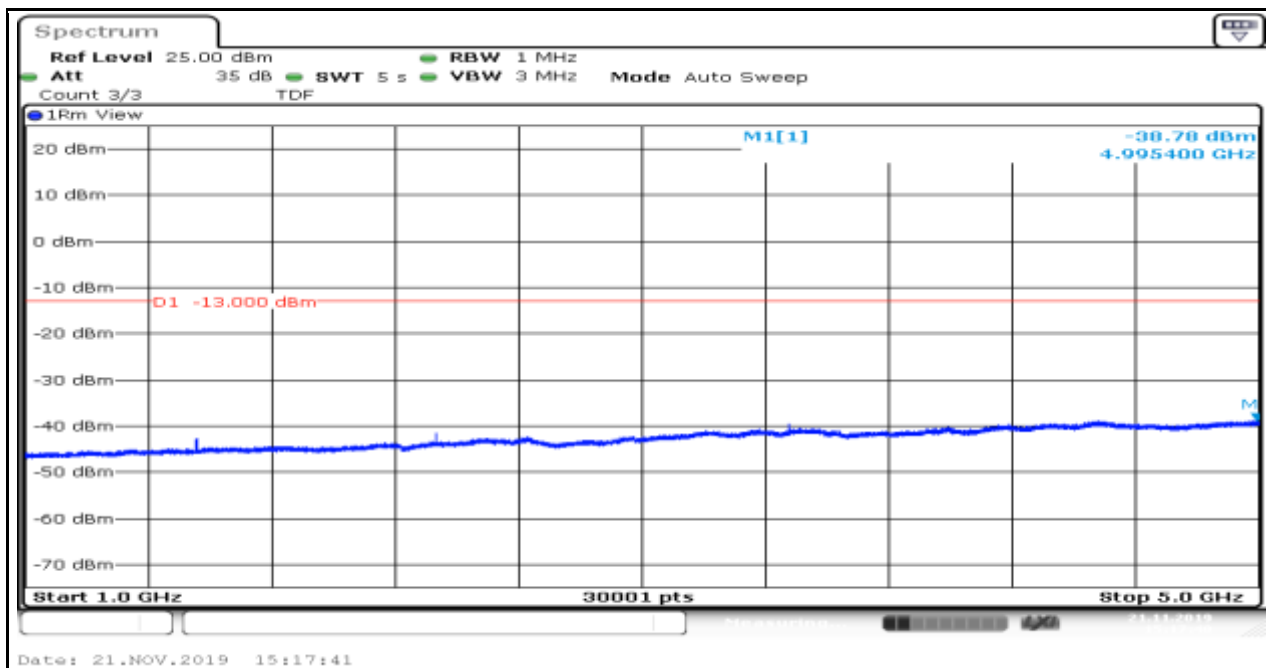


Band13_5MHz_QPSK_23205_1_0_Low_12000_26500_-42.31_PASS

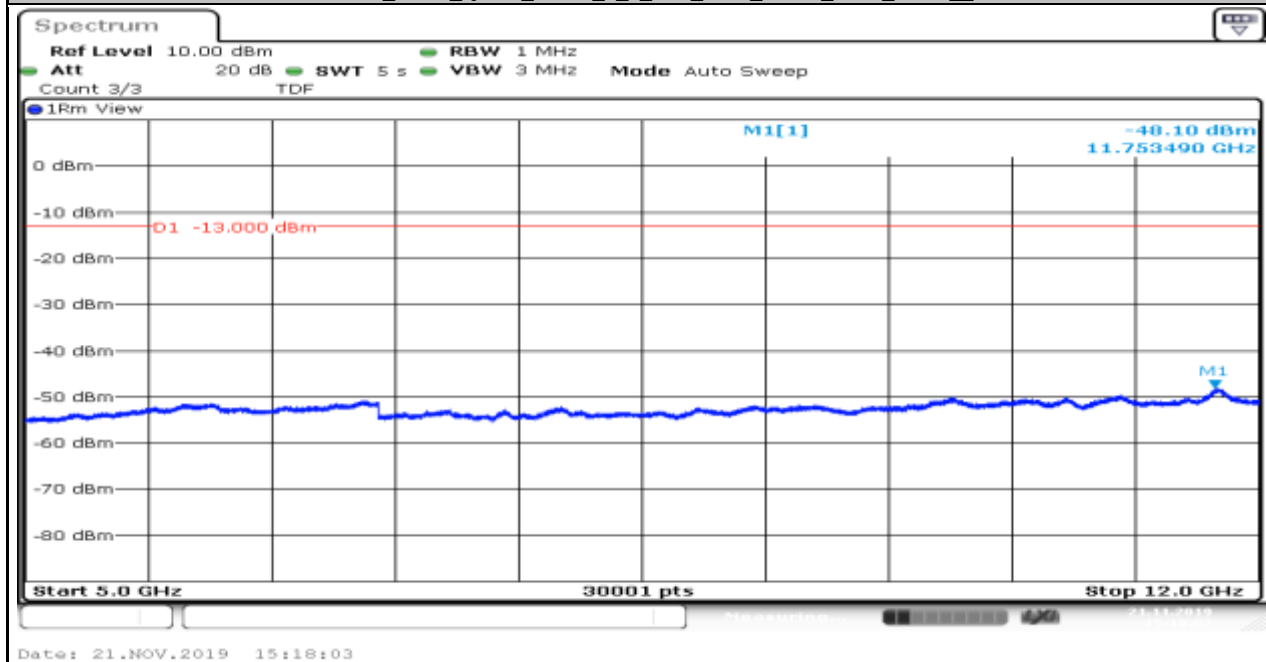


Band13_5MHz_QPSK_23205_1_0_Low_1000_5000_-38.78_PASS

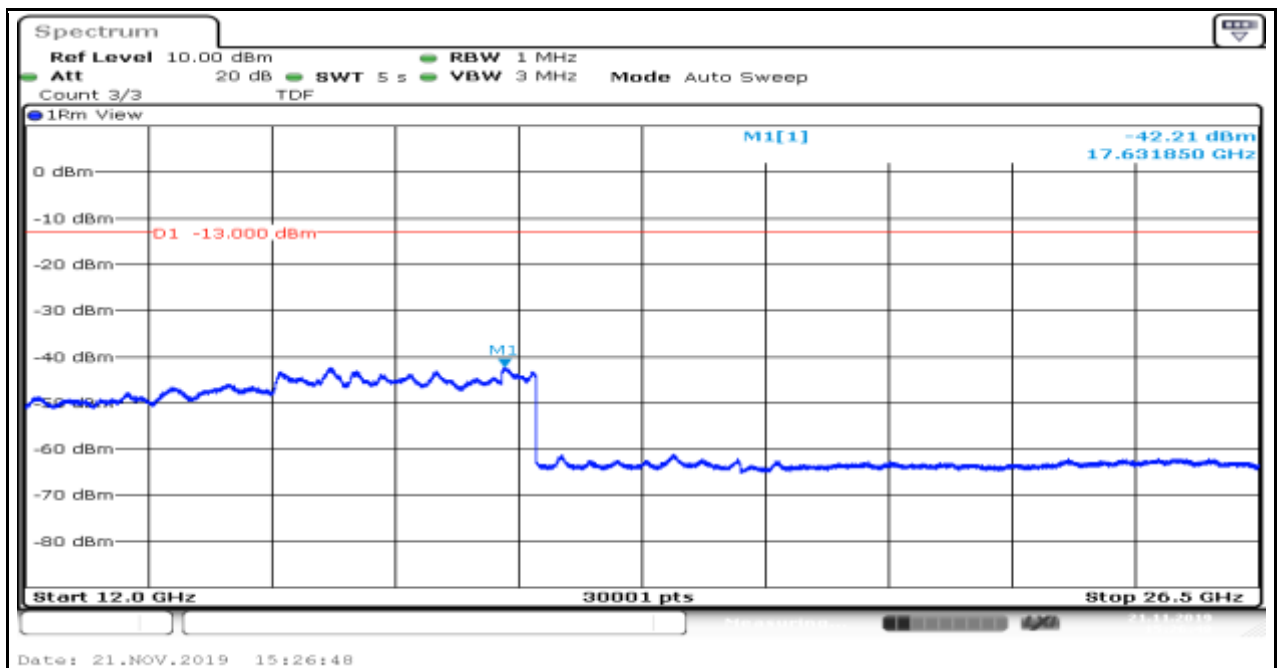
Produkte
Products



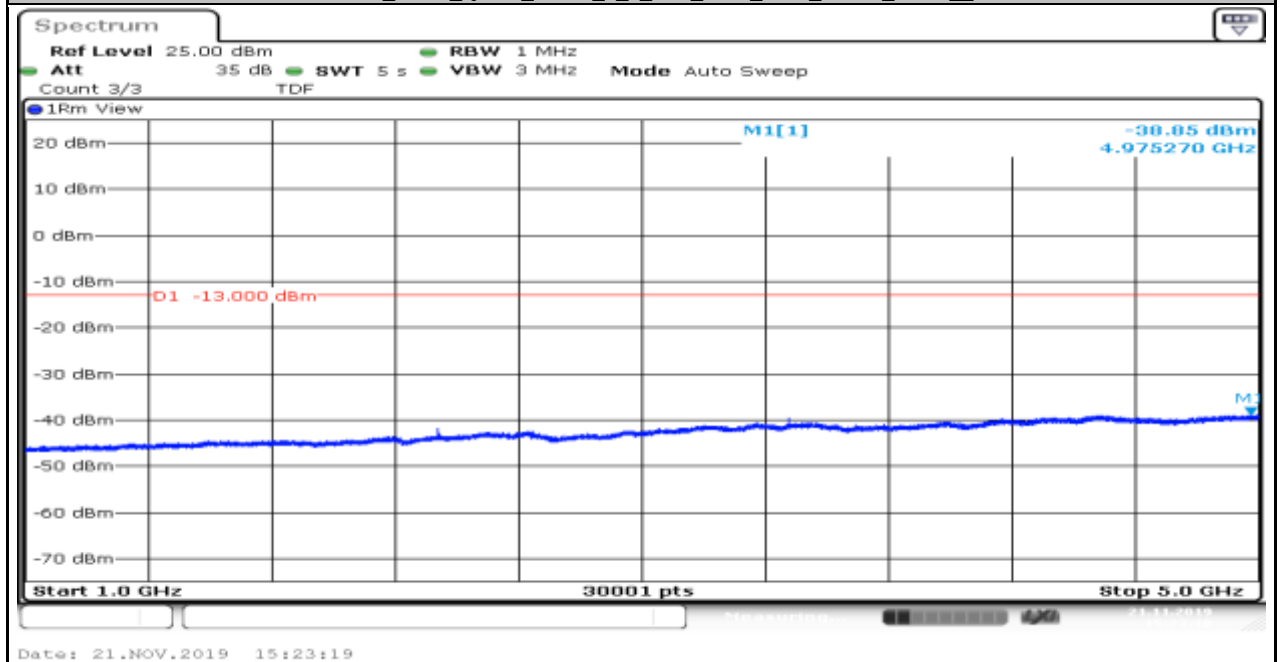
Band13_5MHz_QPSK_23205_1_0_Low_5000_12000_-48.1_PASS_



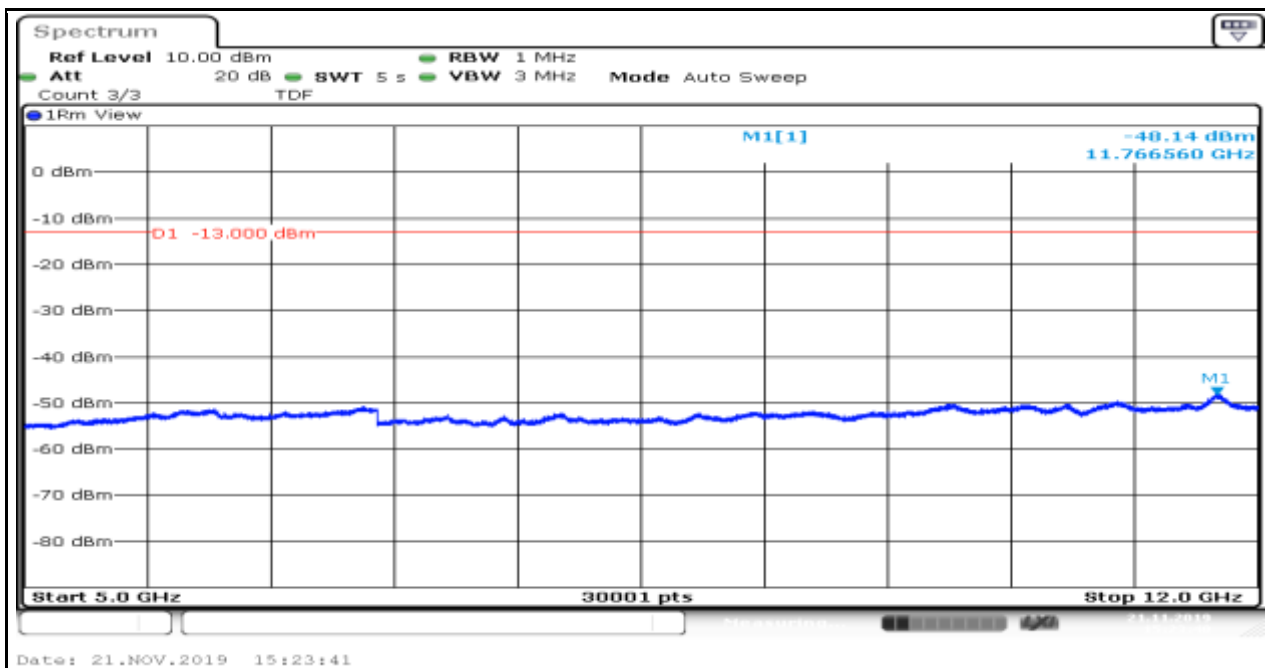
Band13_5MHz_QPSK_23230_6_0_Low_12000_26500_-42.21_PASS_



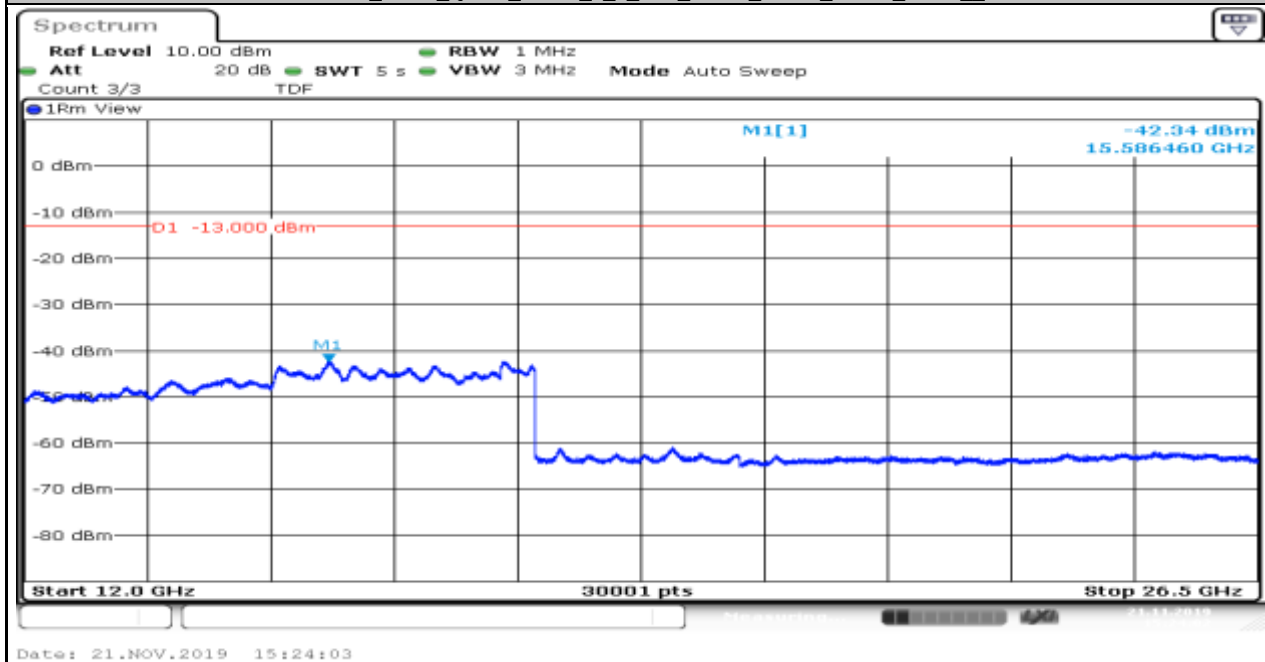
Band13_5MHz_QPSK_23230_1_0_Low_1000_5000_-38.85_PASS_



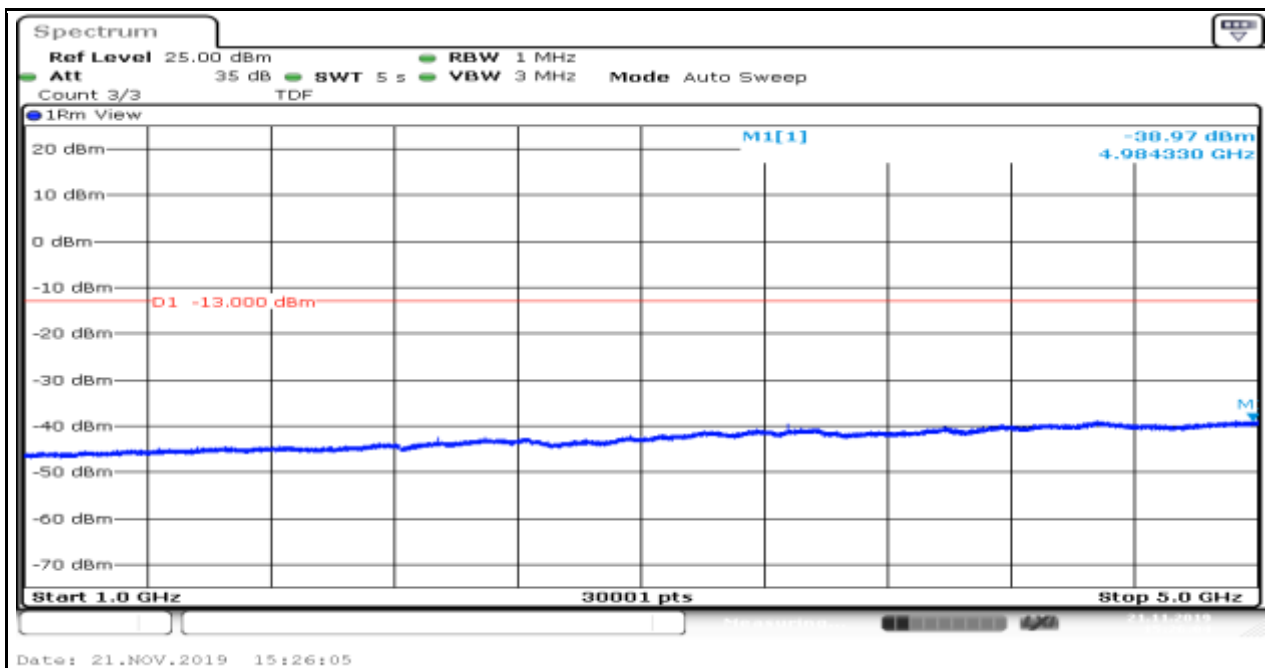
Band13_5MHz_QPSK_23230_1_0_Low_5000_12000_-48.14_PASS_



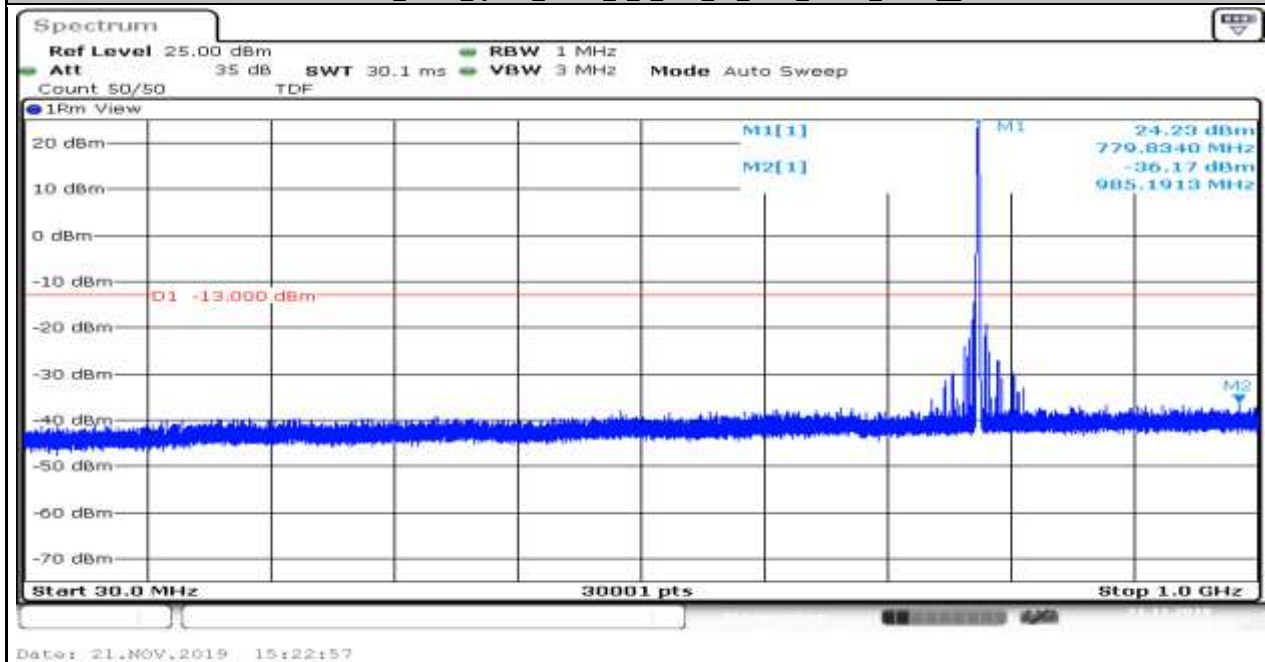
Band13_5MHz_QPSK_23230_1_0_Low_12000_26500_-42.34_PASS_



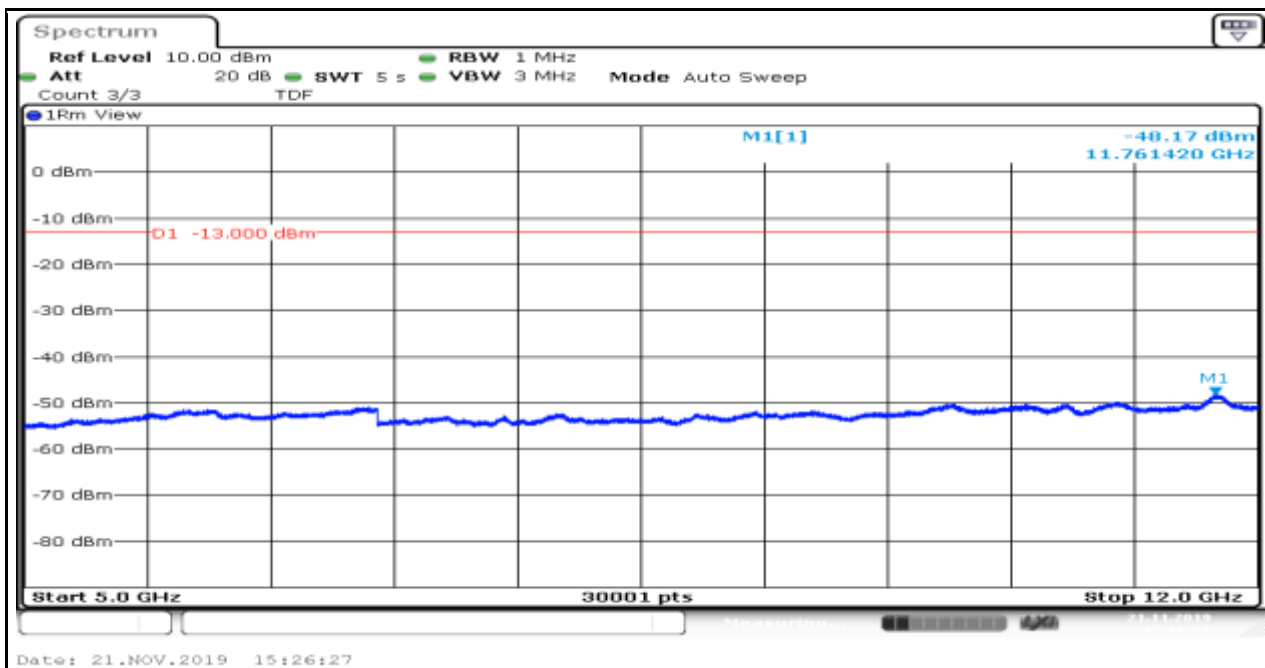
Band13_5MHz_QPSK_23230_6_0_Low_1000_5000_-38.97_PASS_



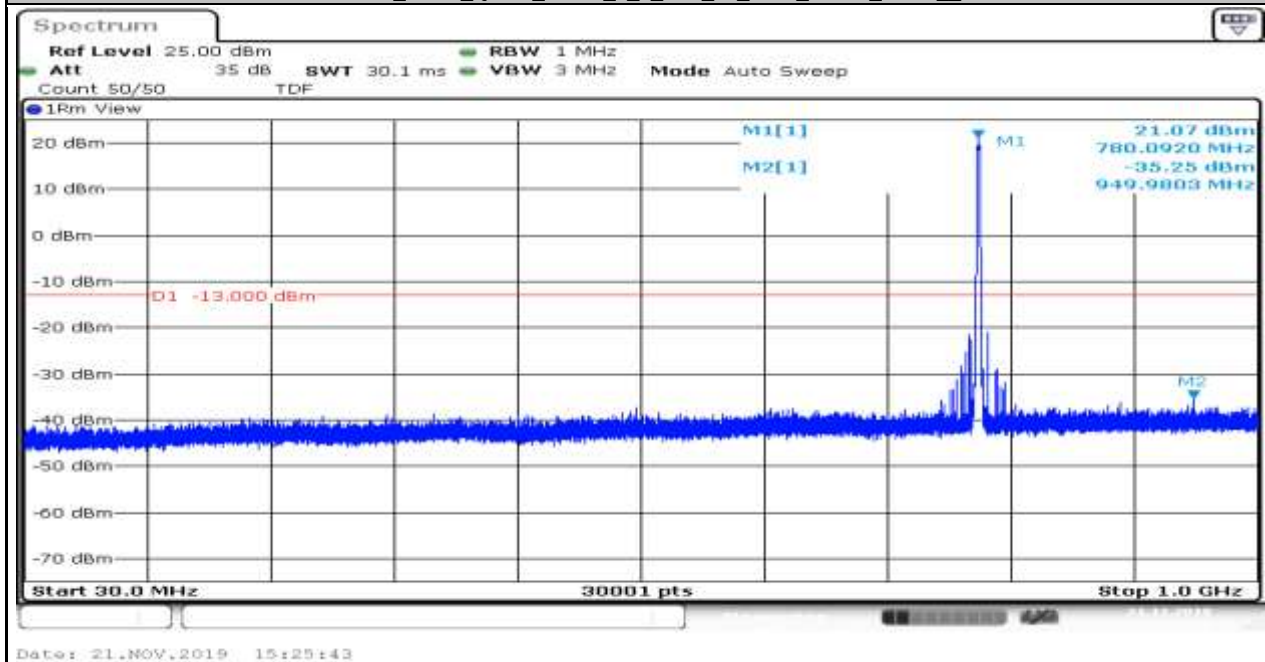
Band13_5MHz_QPSK_23230_1_0_Low_30_1000_-36.17_PASS_



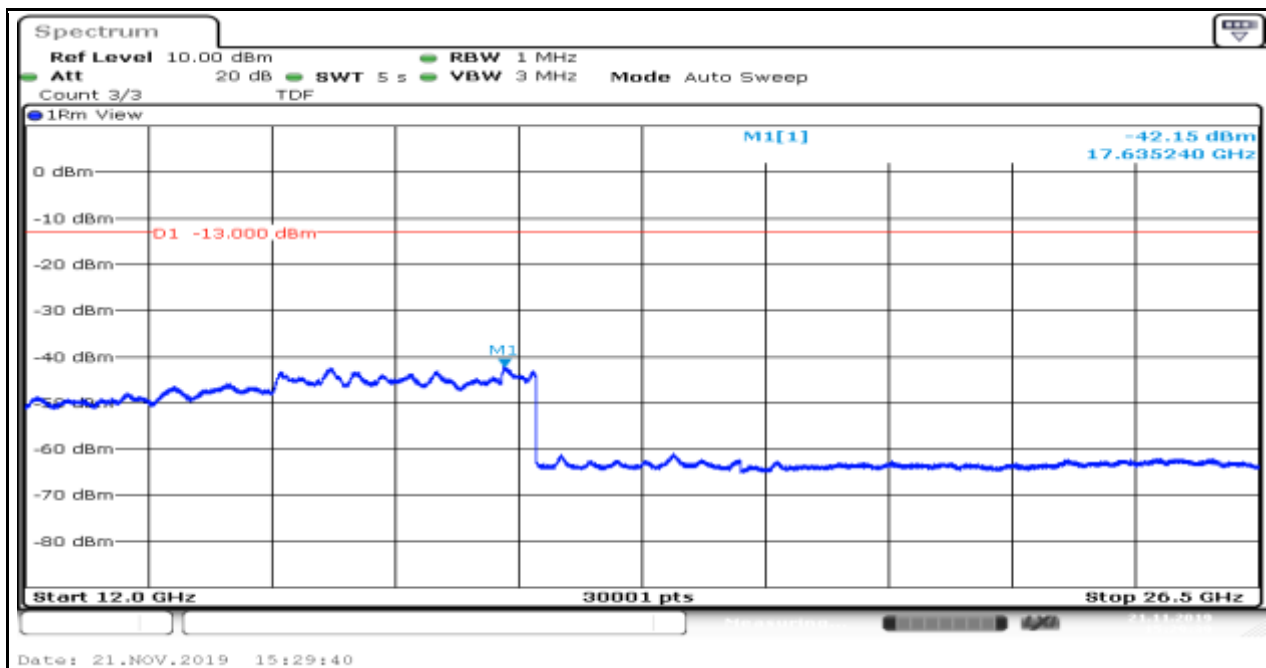
Band13_5MHz_QPSK_23230_6_0_Low_5000_12000_-48.17_PASS_



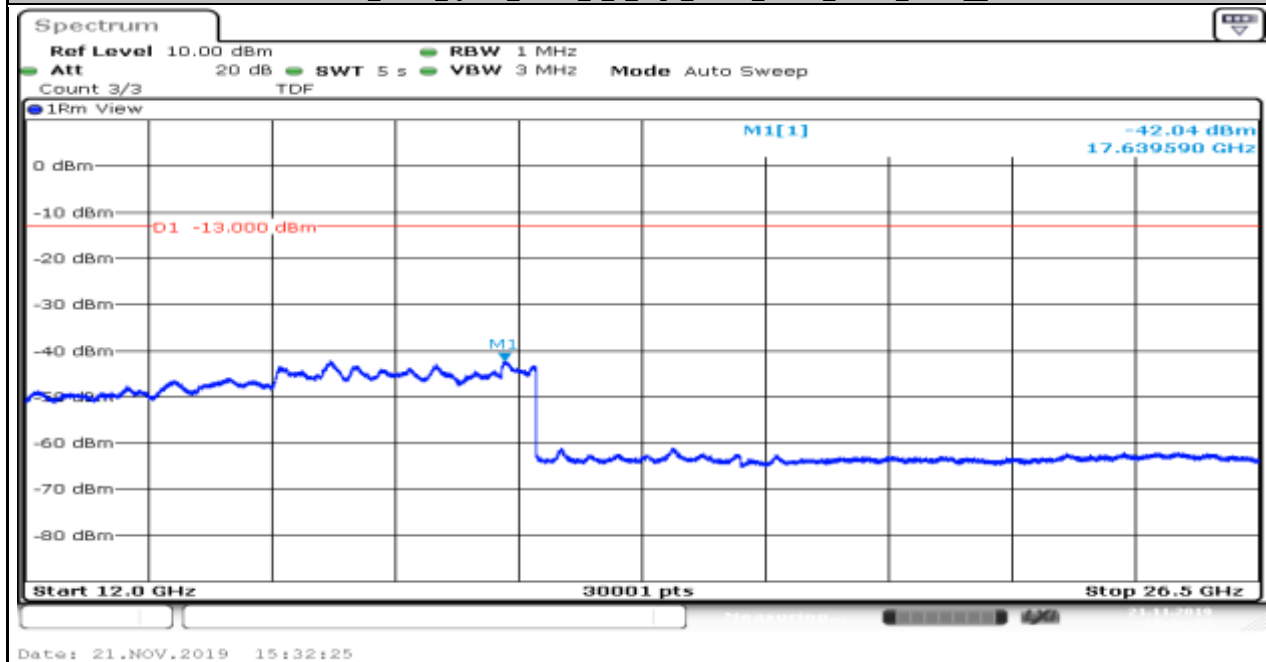
Band13_5MHz_QPSK_23230_6_0_Low_30_1000_-35.25_PASS_



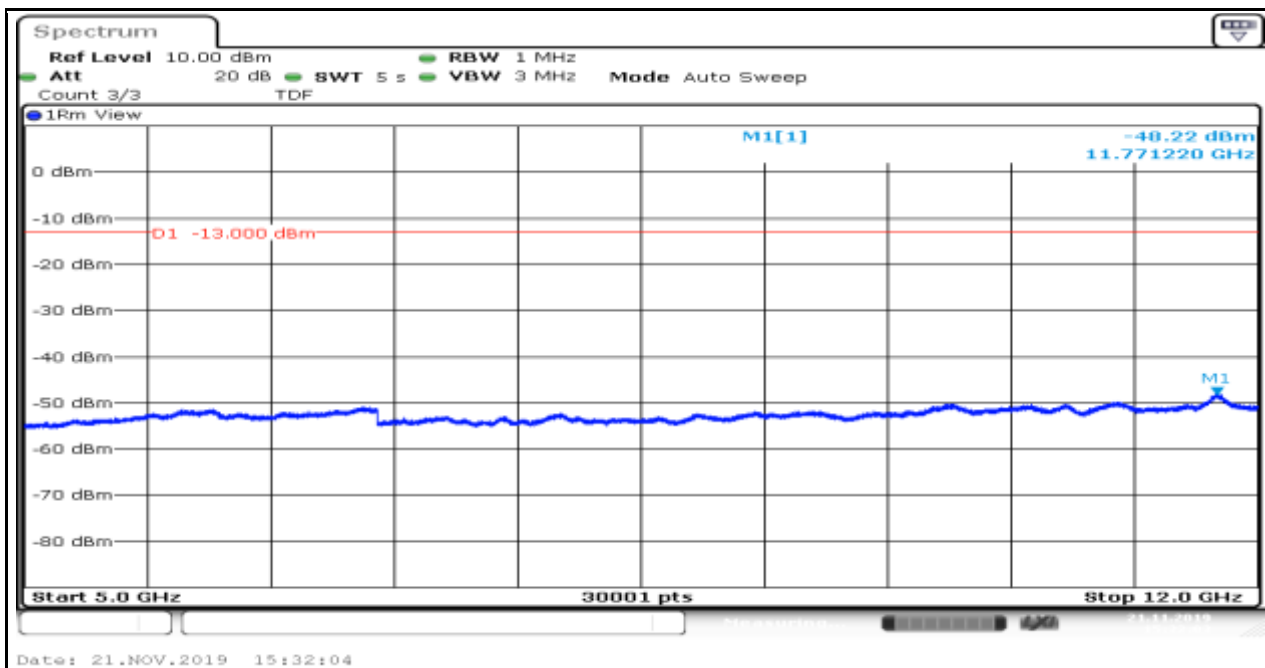
Band13_5MHz_QPSK_23255_1_5_High_12000_26500_-42.15_PASS_



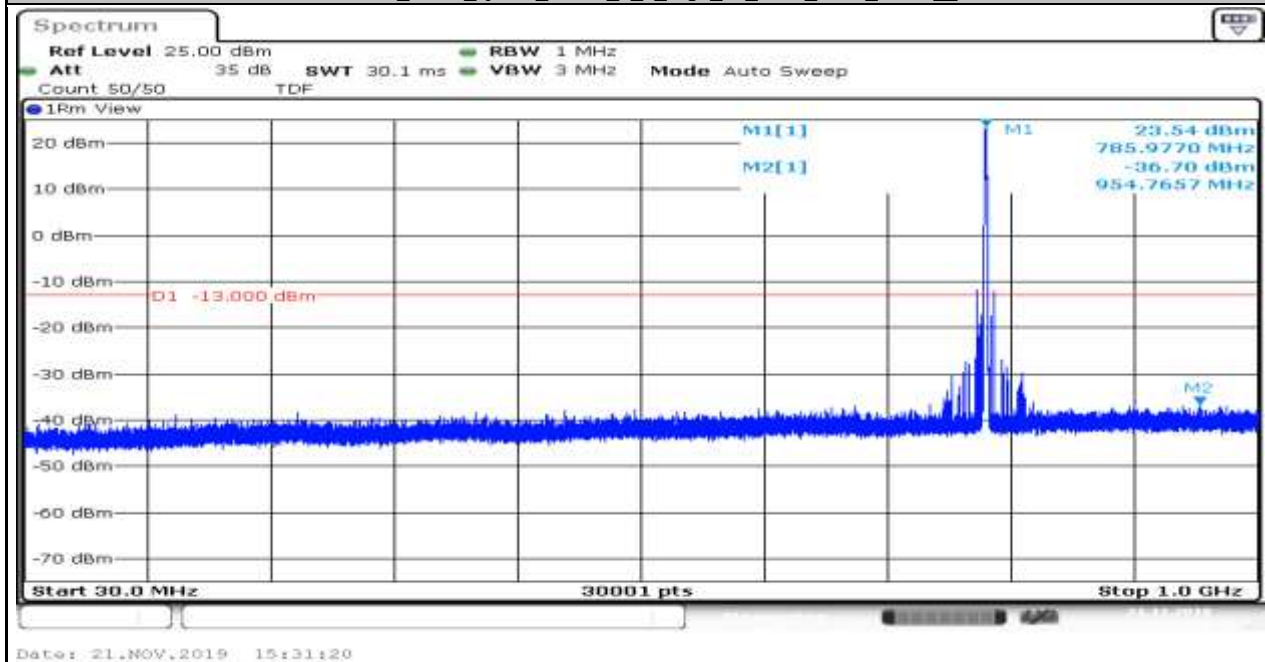
Band13_5MHz_QPSK_23255_3_3_High_12000_26500_-42.04_PASS_



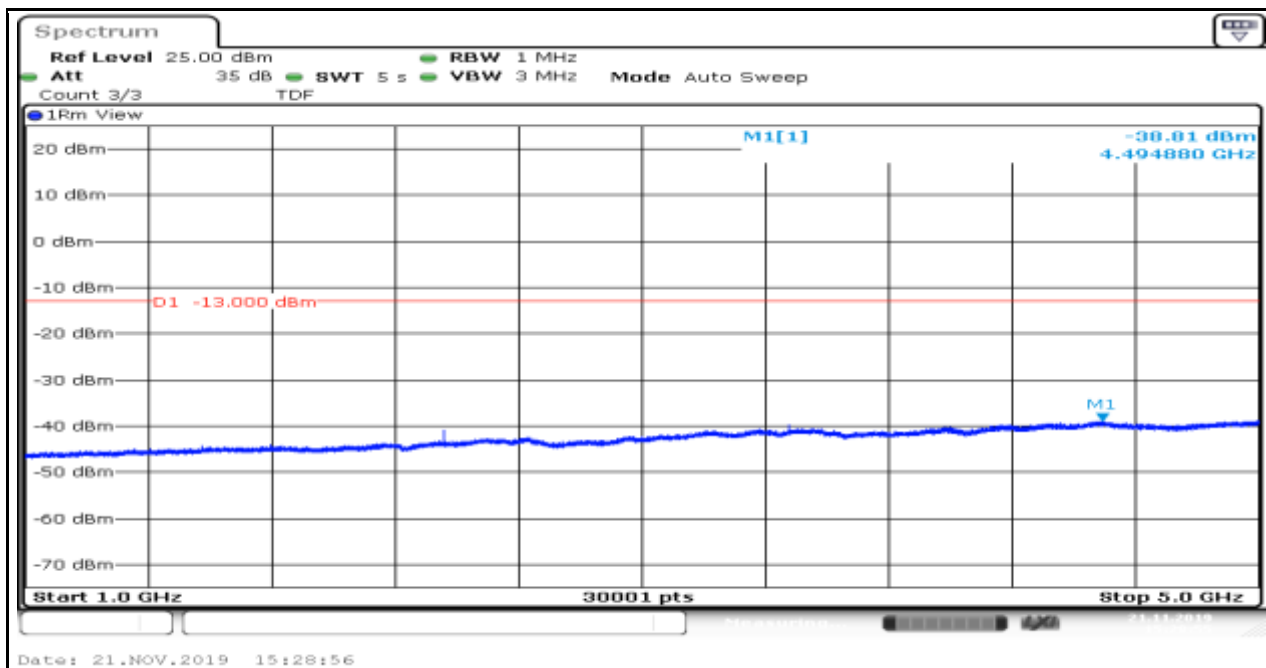
Band13_5MHz_QPSK_23255_3_3_High_5000_12000_-48.22_PASS_



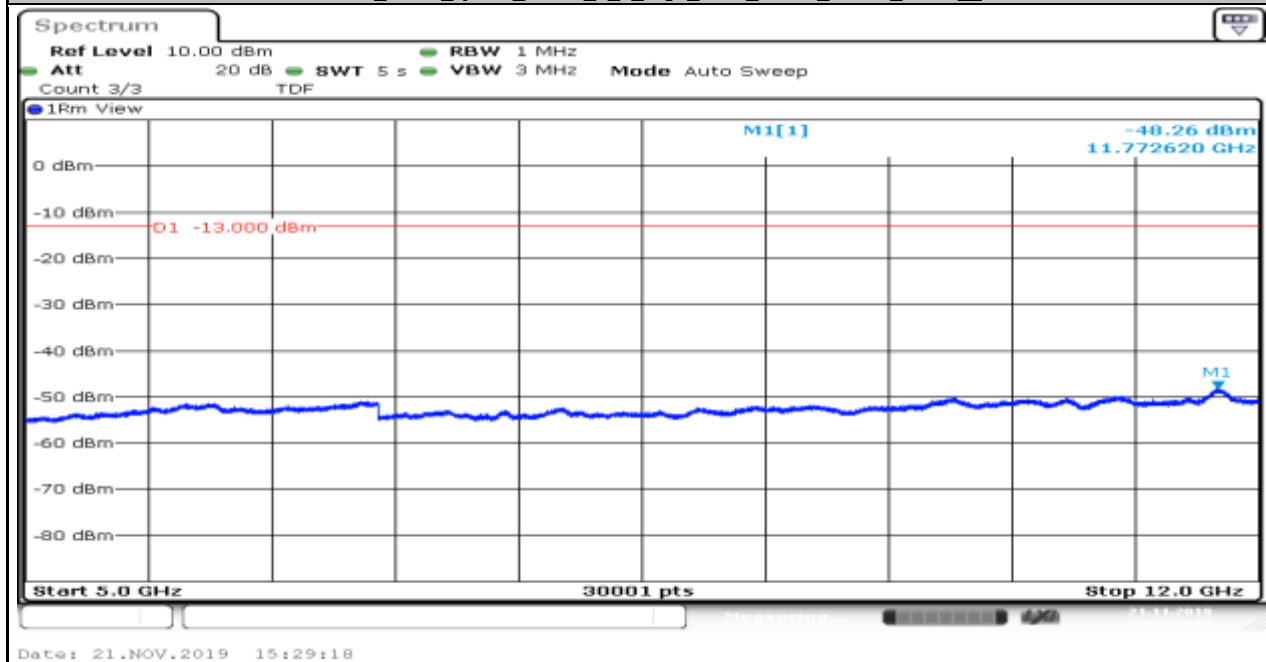
Band13_5MHz_QPSK_23255_3_3_High_30_1000_-36.7_PASS_



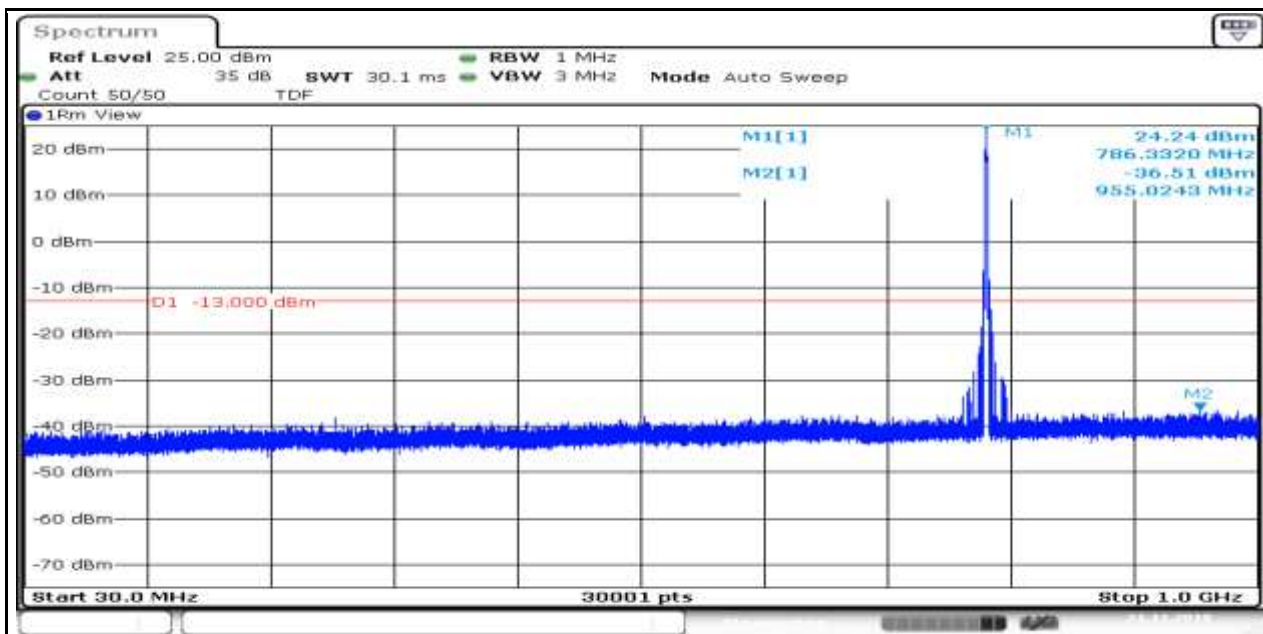
Band13_5MHz_QPSK_23255_1_5_High_1000_5000_-38.81_PASS_



Band13_5MHz_QPSK_23255_1_5_High_5000_12000_-48.26_PASS_

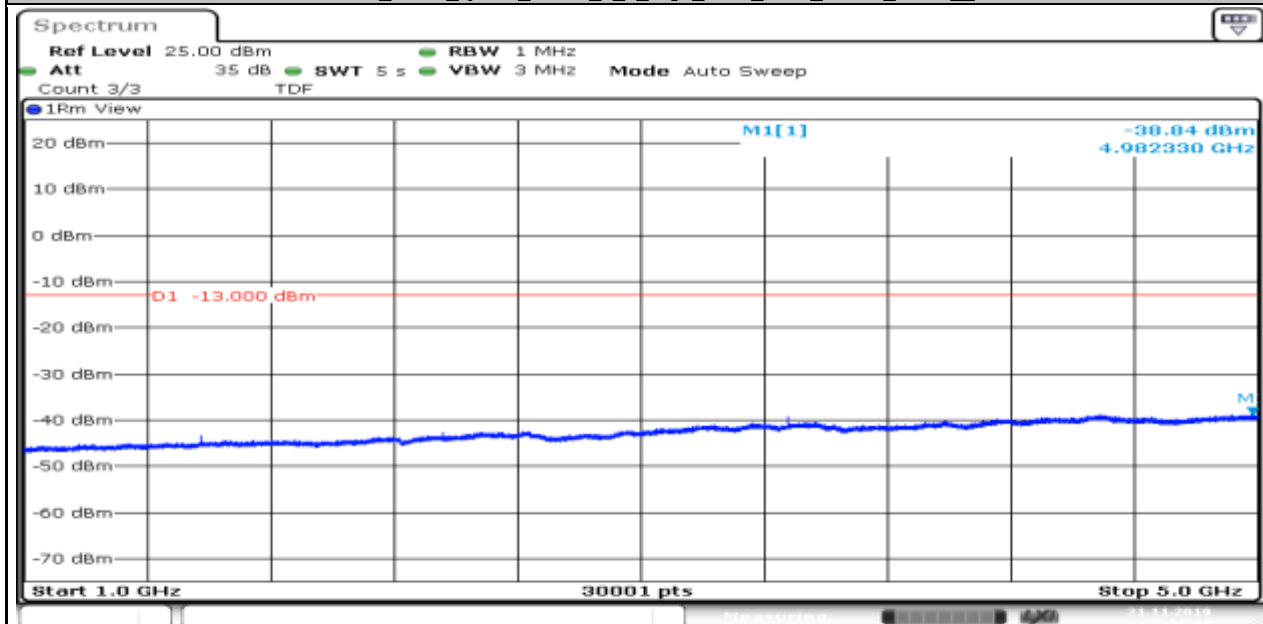


Band13_5MHz_QPSK_23255_1_5_High_30_1000_-36.51_PASS_



Date: 21.NOV.2019 15:28:34

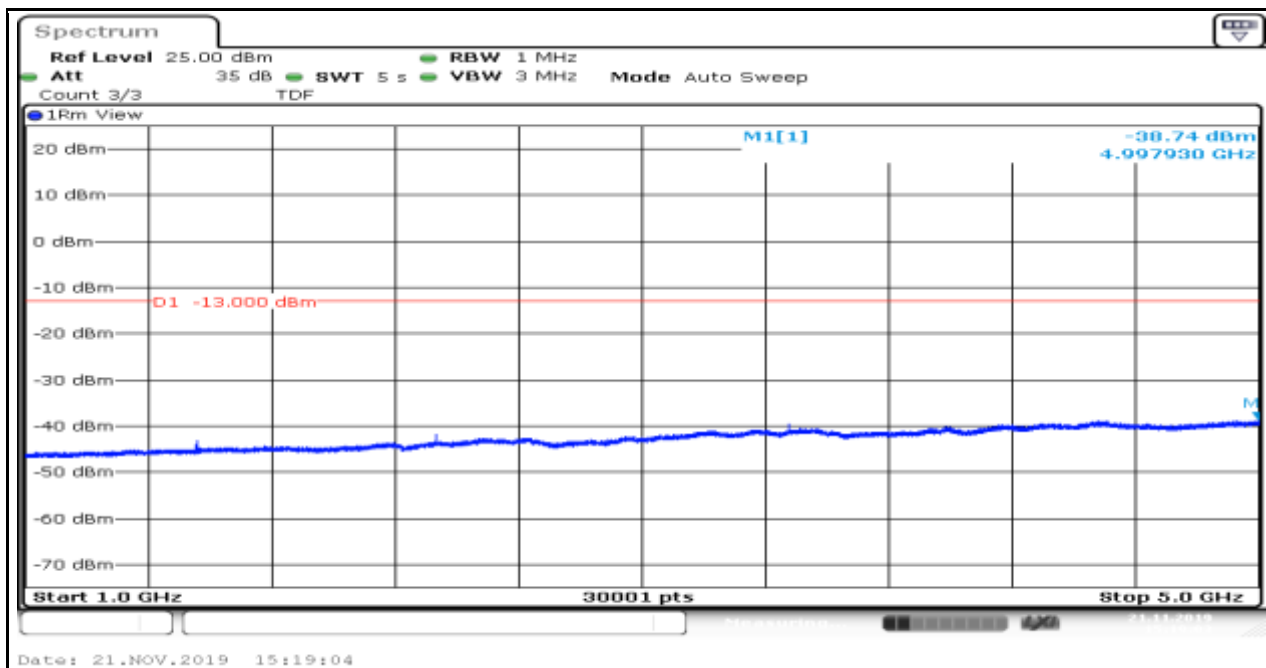
Band13_5MHz_QPSK_23255_3_3_High_1000_5000_-38.84_PASS



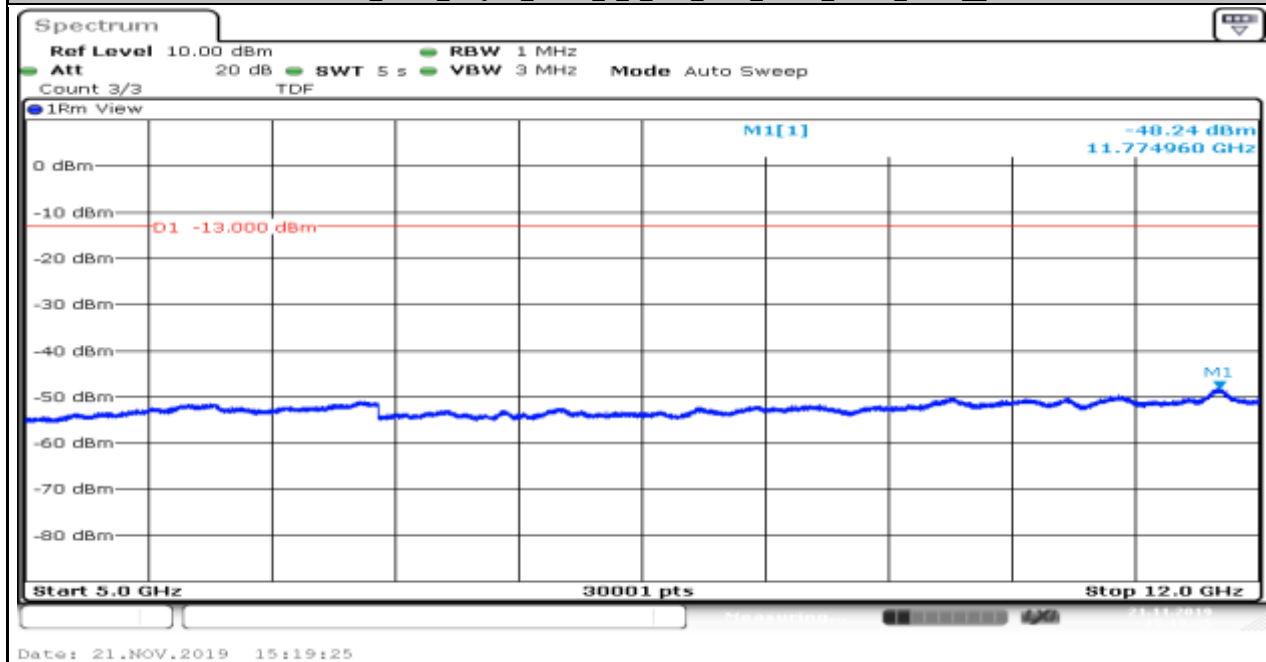
Date: 21.NOV.2019 15:31:42

Band13_5MHz_16QAM_23205_1_0_Low_1000_5000_-38.74_PASS

Produkte
Products

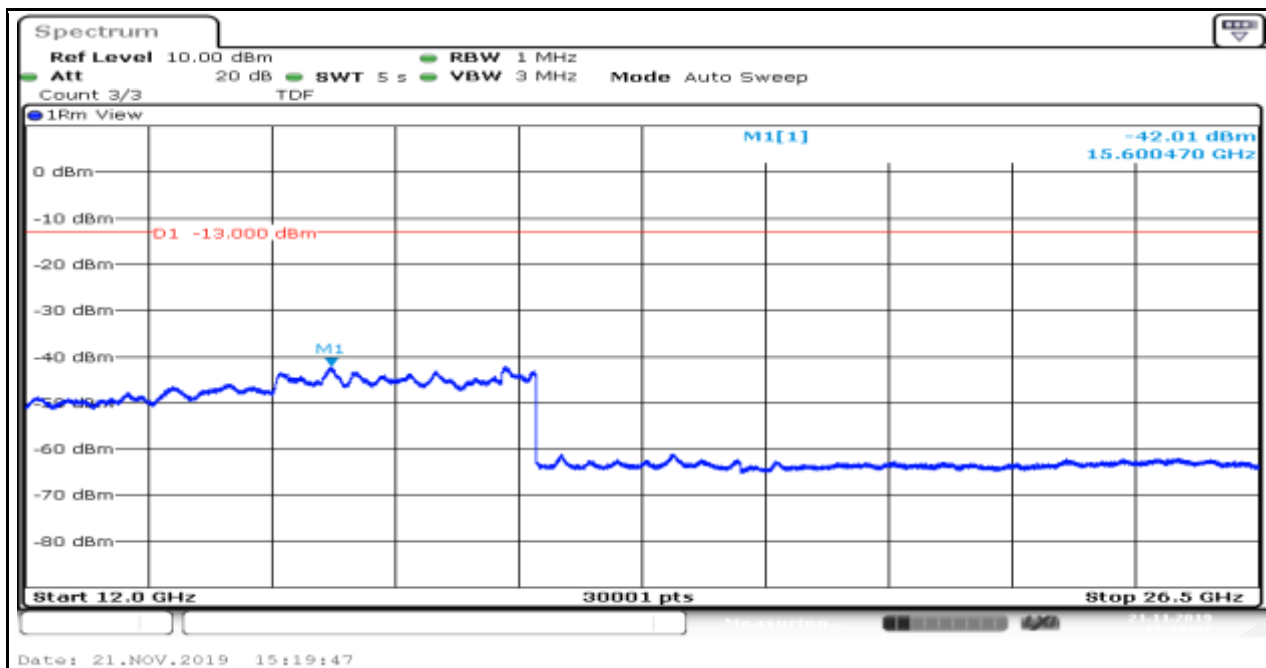


Band13_5MHz_16QAM_23205_1_0_Low_5000_12000_-48.24_PASS_

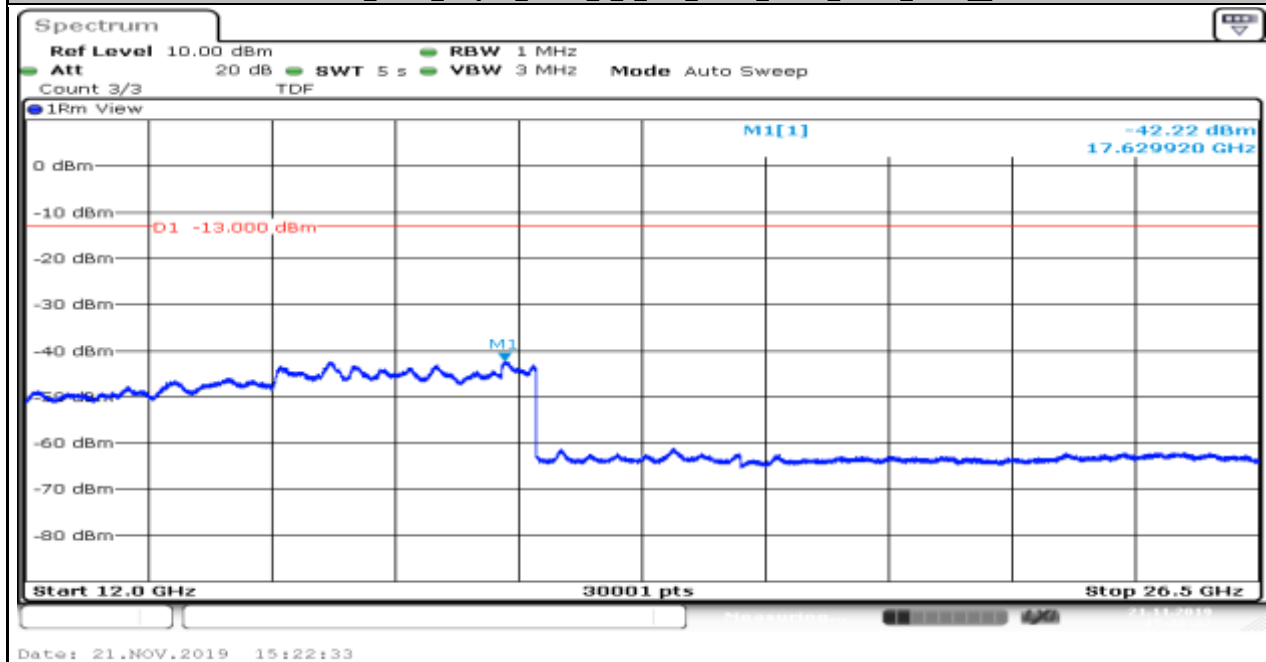


Band13_5MHz_16QAM_23205_1_0_Low_12000_26500_-42.01_PASS_

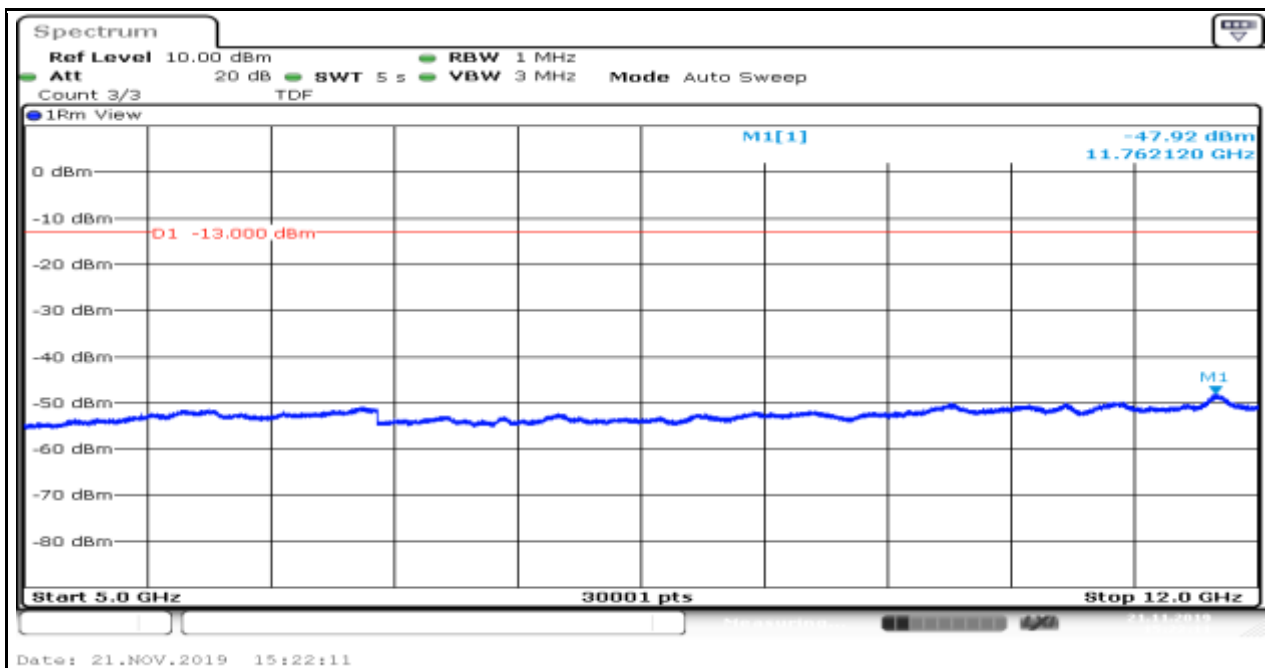
Produkte
Products



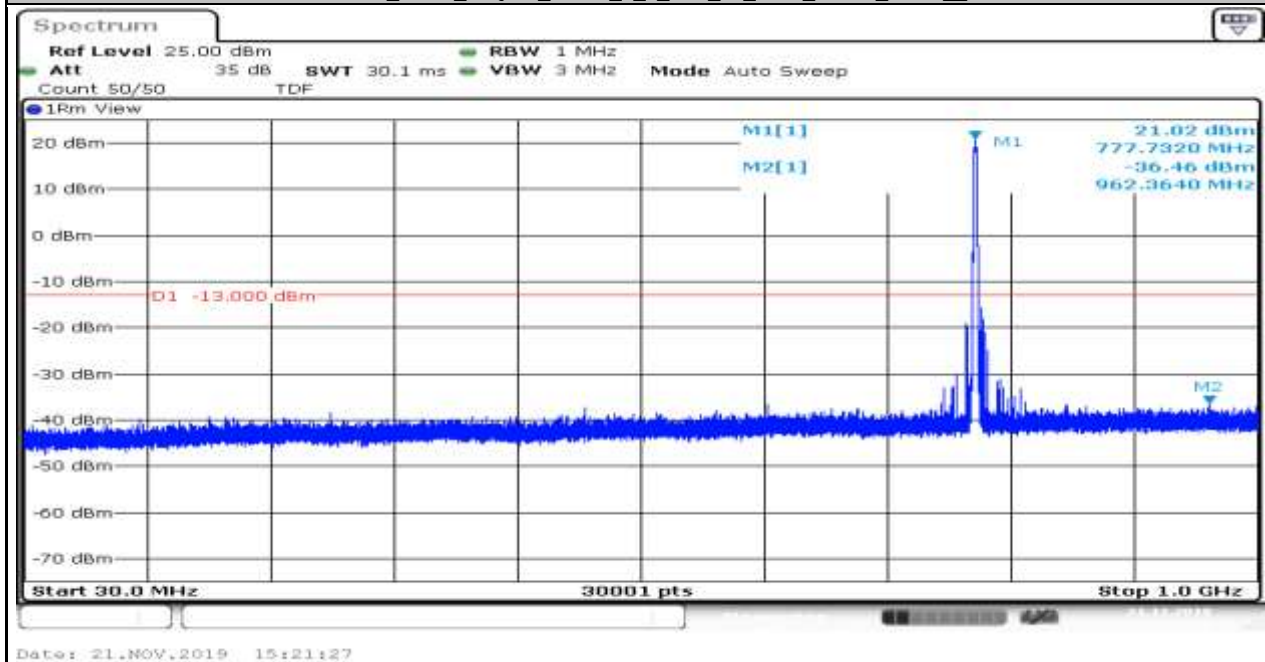
Band13_5MHz_16QAM_23205_6_0_Low_12000_26500_-42.22_PASS_



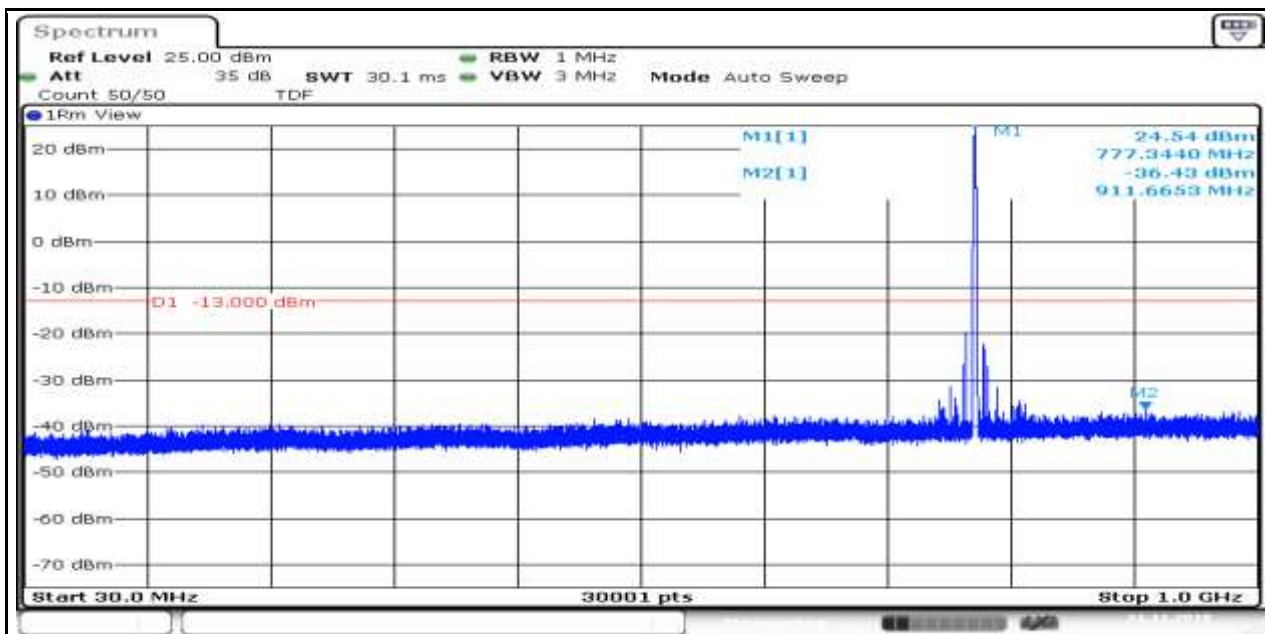
Band13_5MHz_16QAM_23205_6_0_Low_5000_12000_-47.92_PASS_



Band13_5MHz_16QAM_23205_6_0_Low_30_1000_-36.46_PASS_

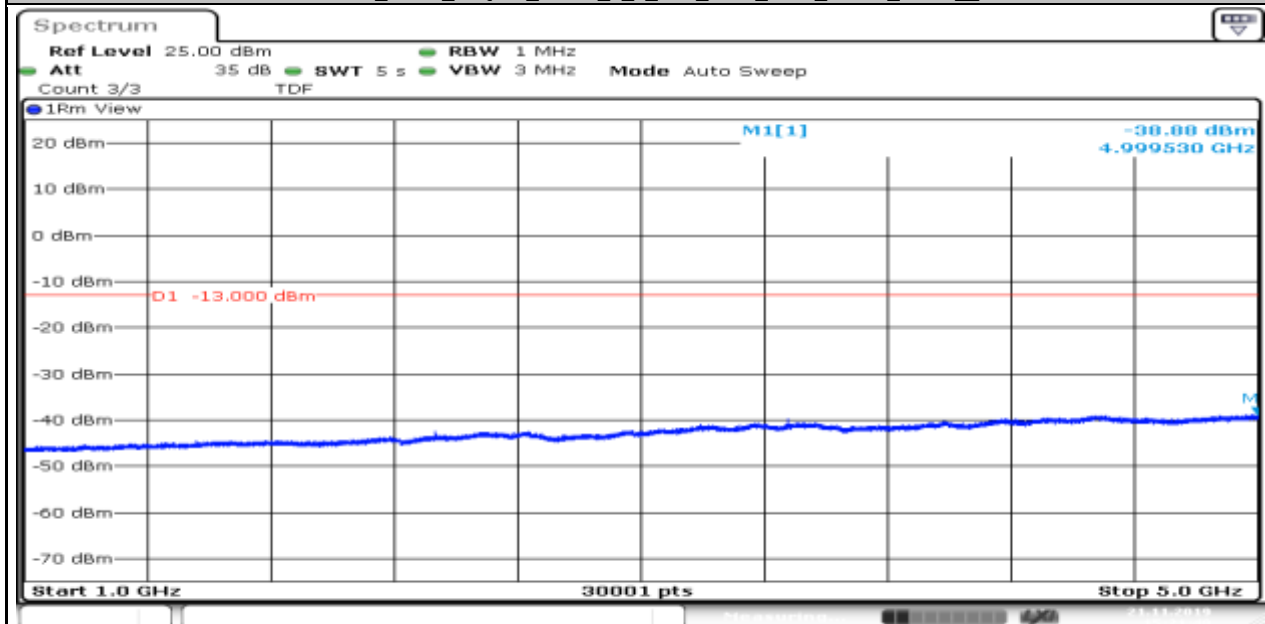


Band13_5MHz_16QAM_23205_1_0_Low_30_1000_-36.43_PASS_



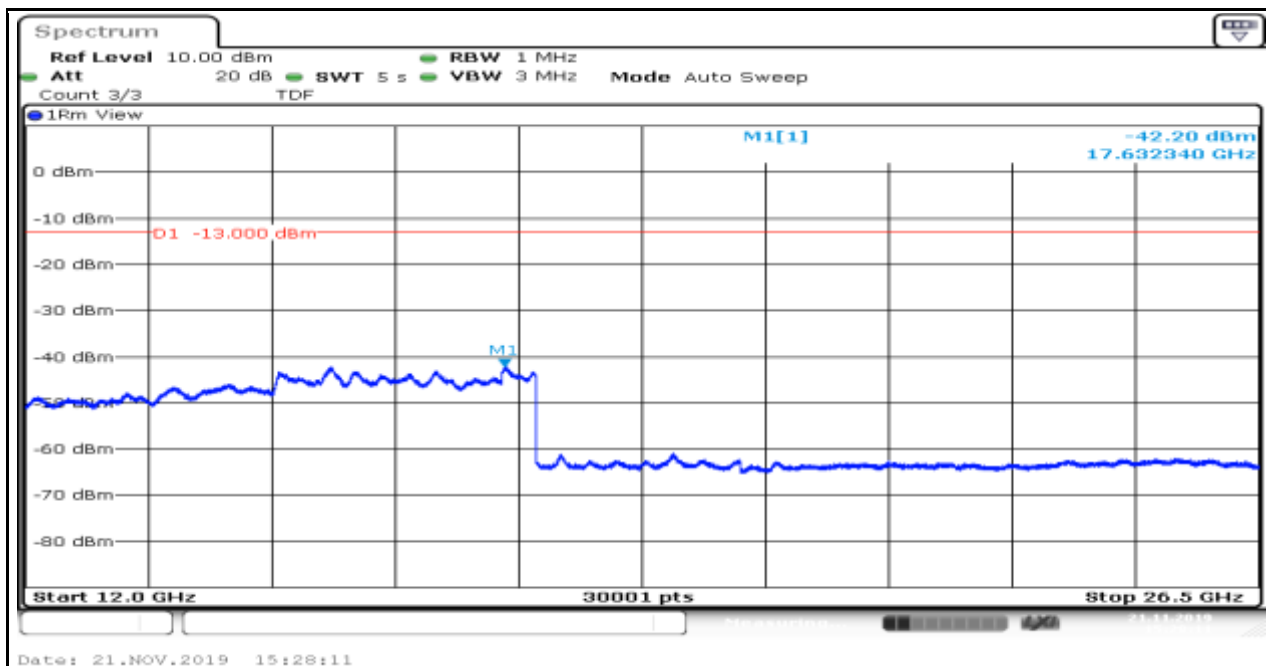
Date: 21.NOV.2019 15:18:42

Band13_5MHz_16QAM_23205_6_0_Low_1000_5000_-38.88_PASS_

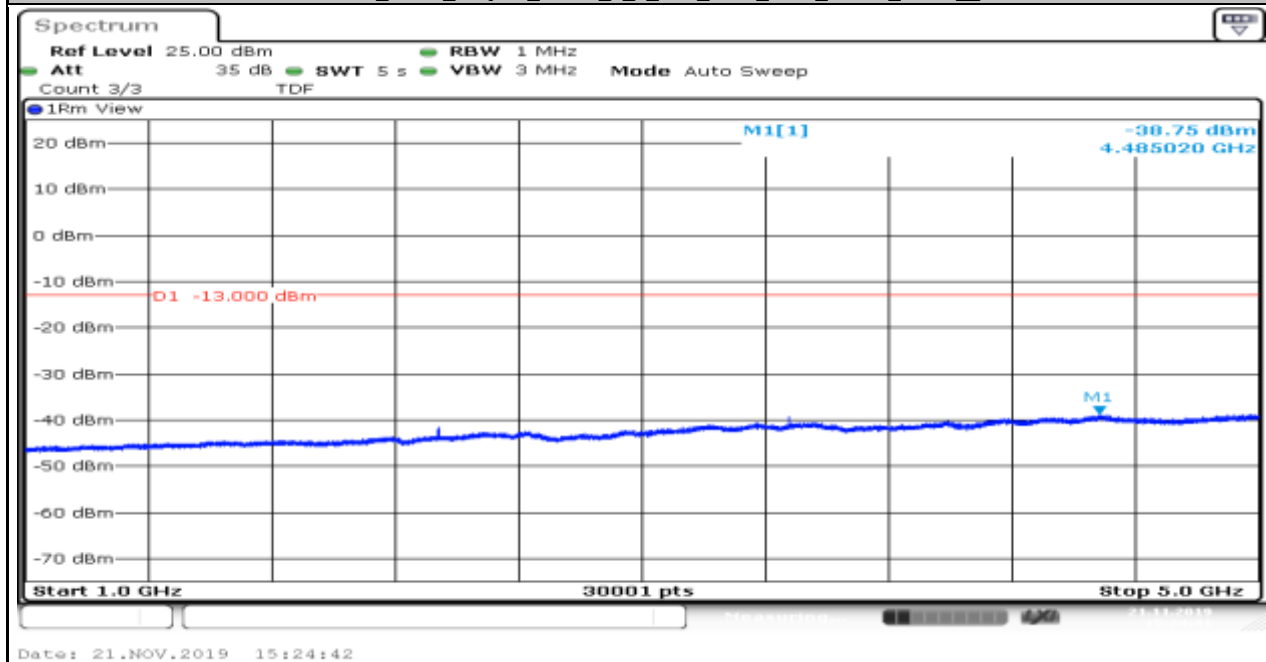


Date: 21.NOV.2019 15:21:49

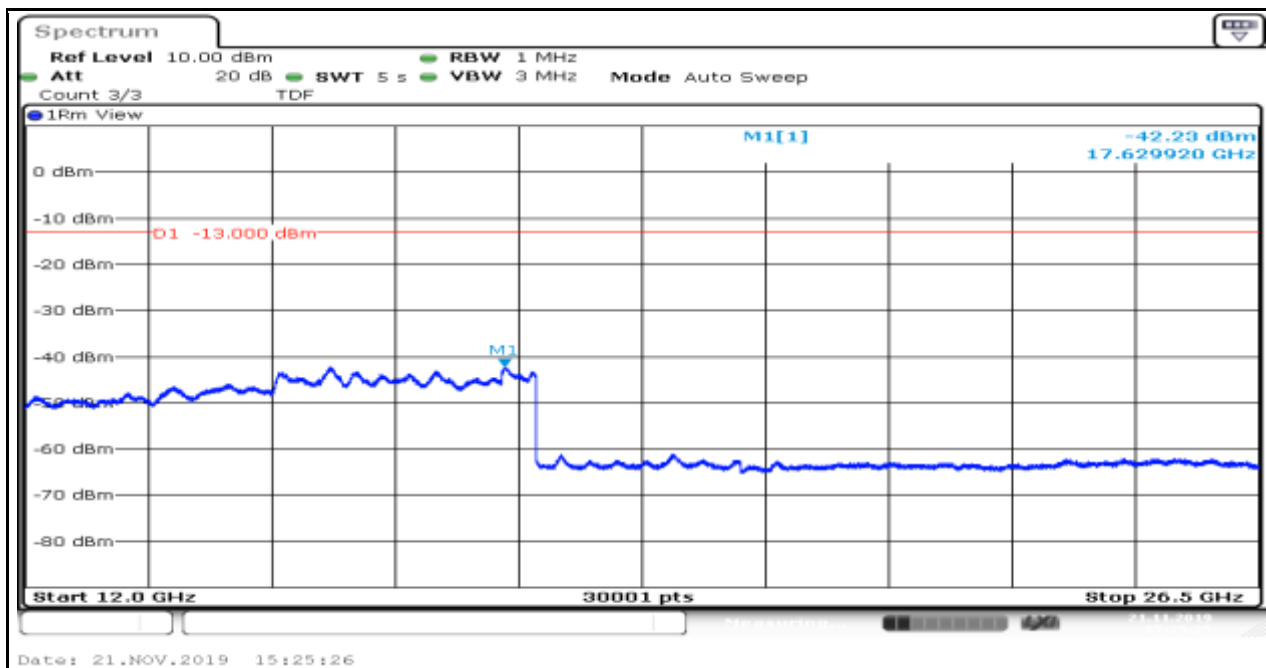
Band13_5MHz_16QAM_23230_6_0_Low_12000_26500_-42.2_PASS_



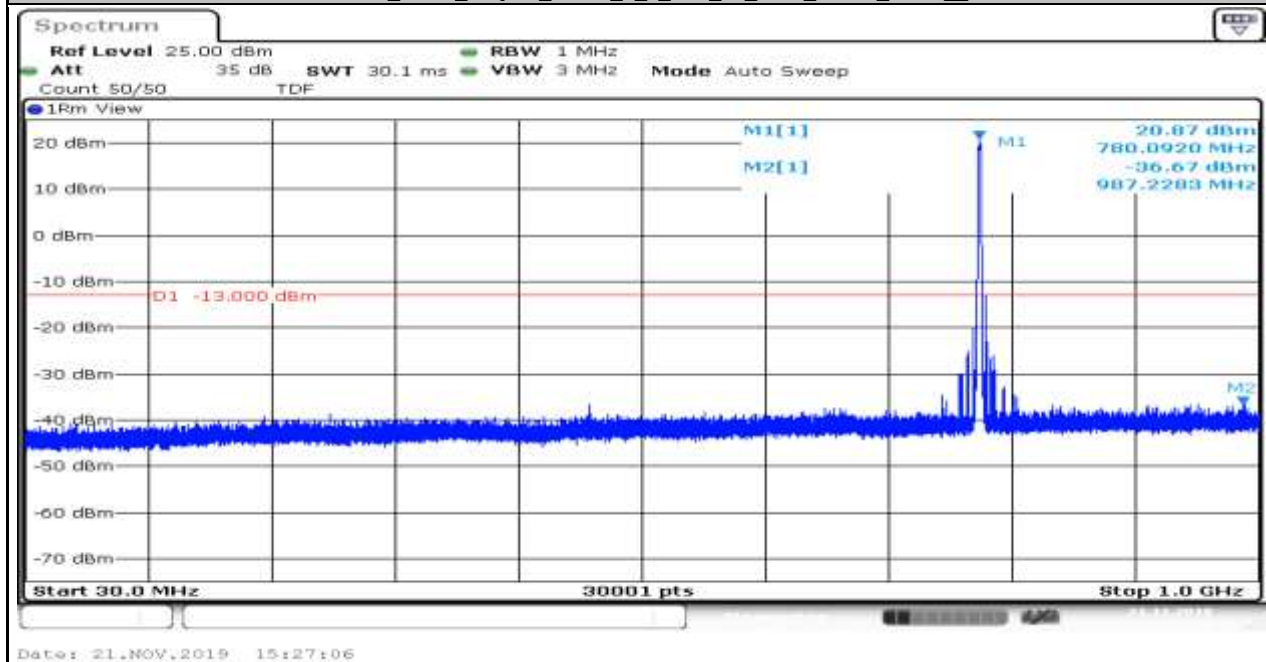
Band13_5MHz_16QAM_23230_1_0_Low_1000_5000_-38.75_PASS_



Band13_5MHz_16QAM_23230_1_0_Low_12000_26500_-42.23_PASS_

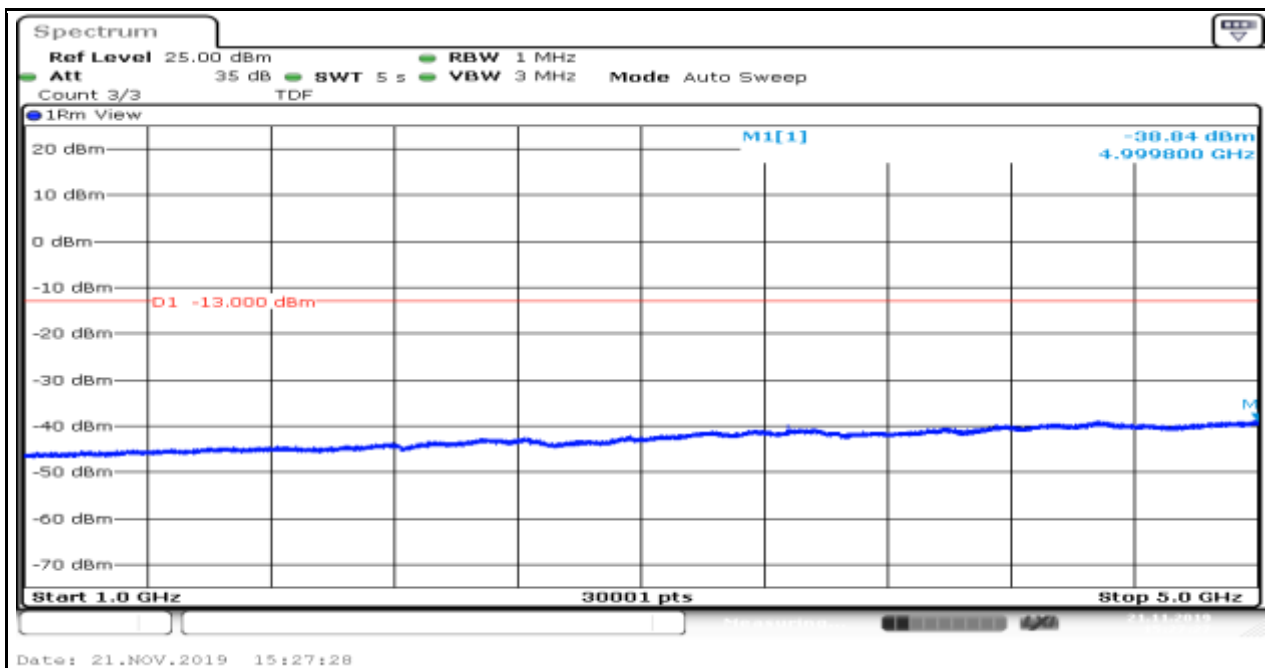


Band13_5MHz_16QAM_23230_6_0_Low_30_1000_-36.67_PASS_

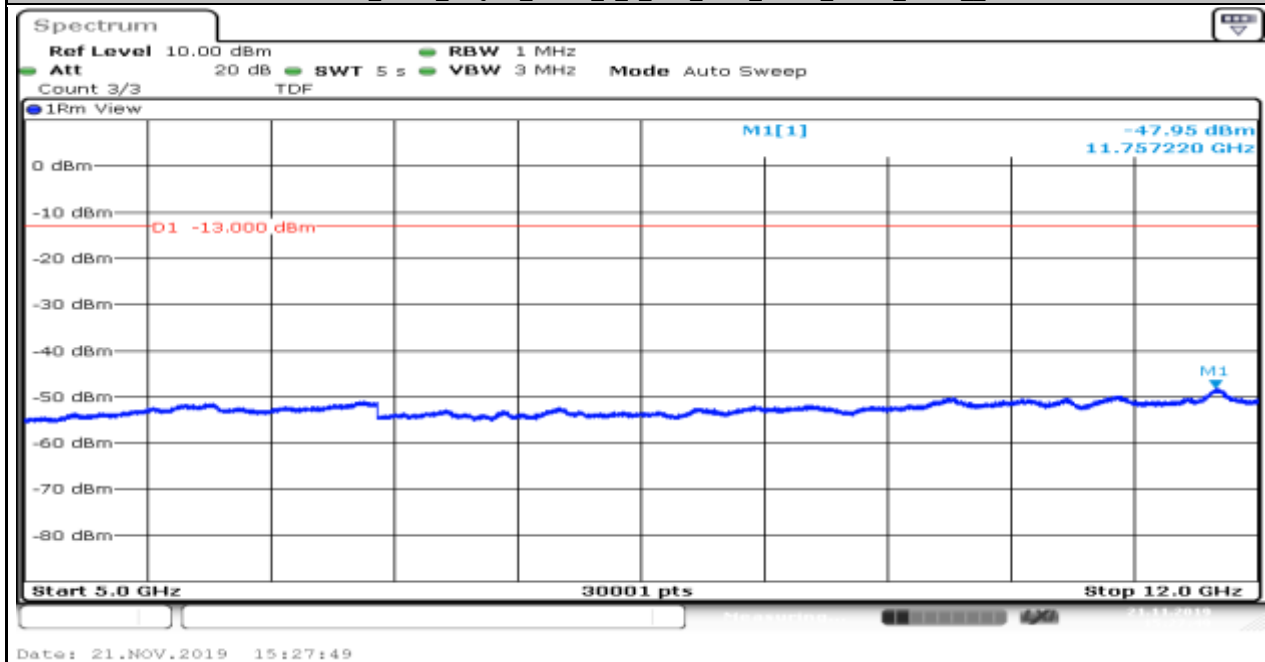


Band13_5MHz_16QAM_23230_6_0_Low_1000_5000_-38.84_PASS_

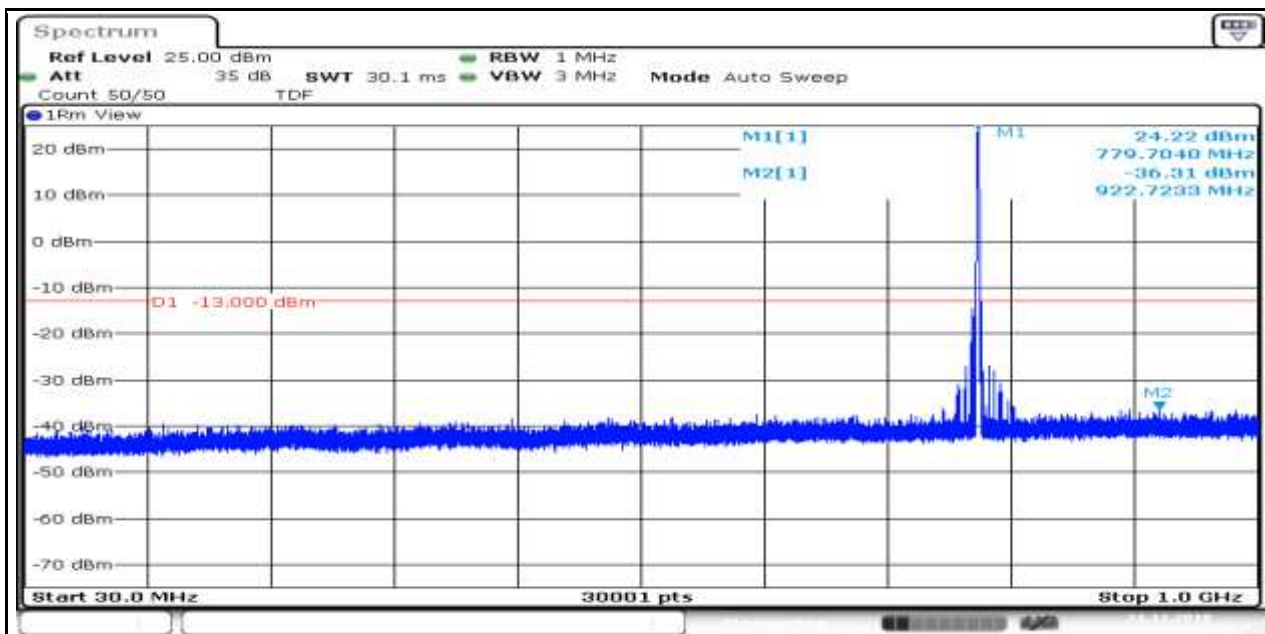
Produkte
Products



Band13_5MHz_16QAM_23230_6_0_Low_5000_12000_-47.95_PASS_

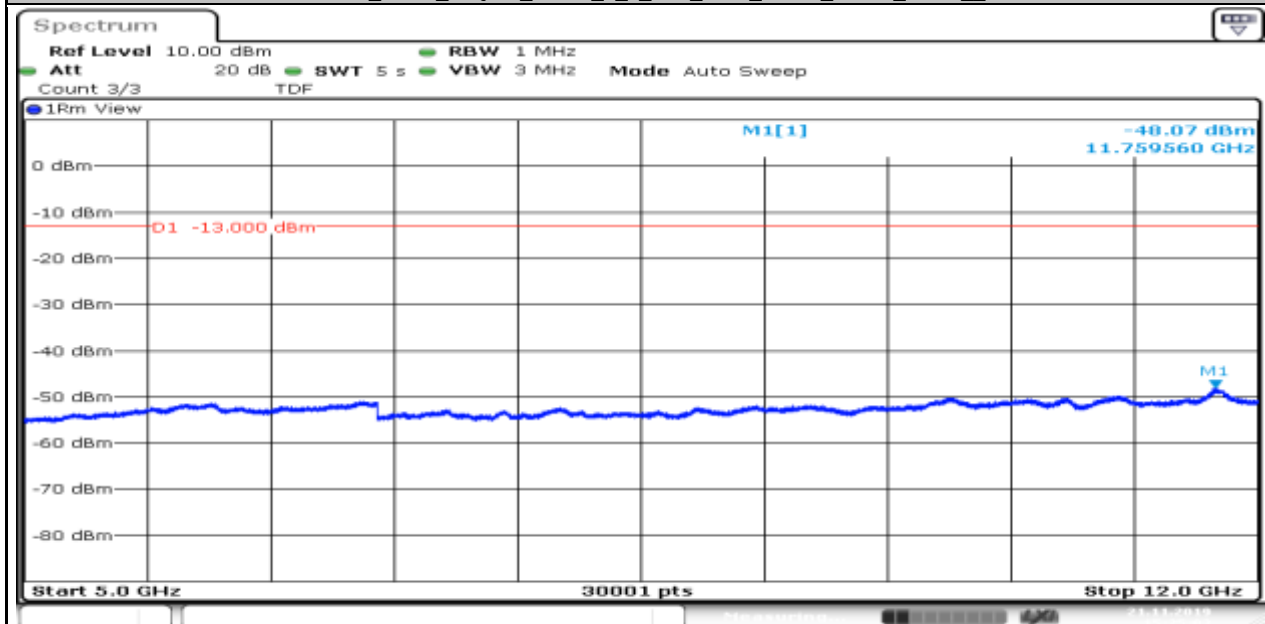


Band13_5MHz_16QAM_23230_1_0_Low_30_1000_-36.31_PASS_



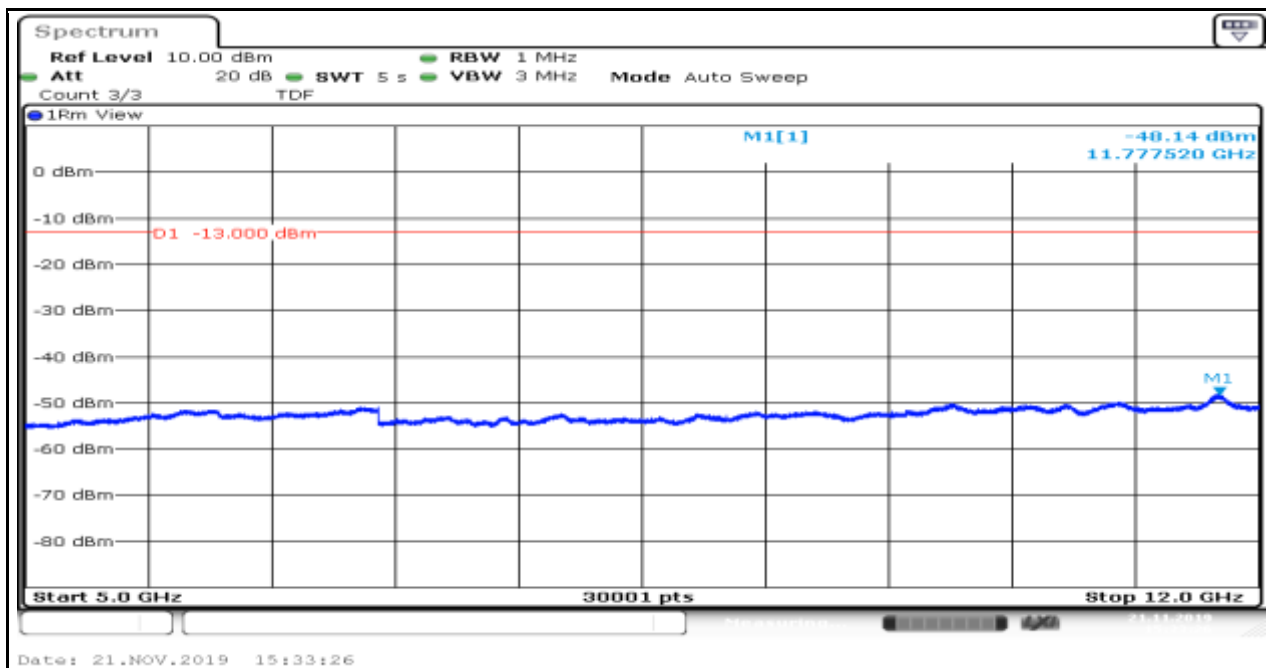
Date: 21.NOV.2019 15:24:20

Band13_5MHz_16QAM_23230_1_0_Low_5000_12000_-48.07_PASS_

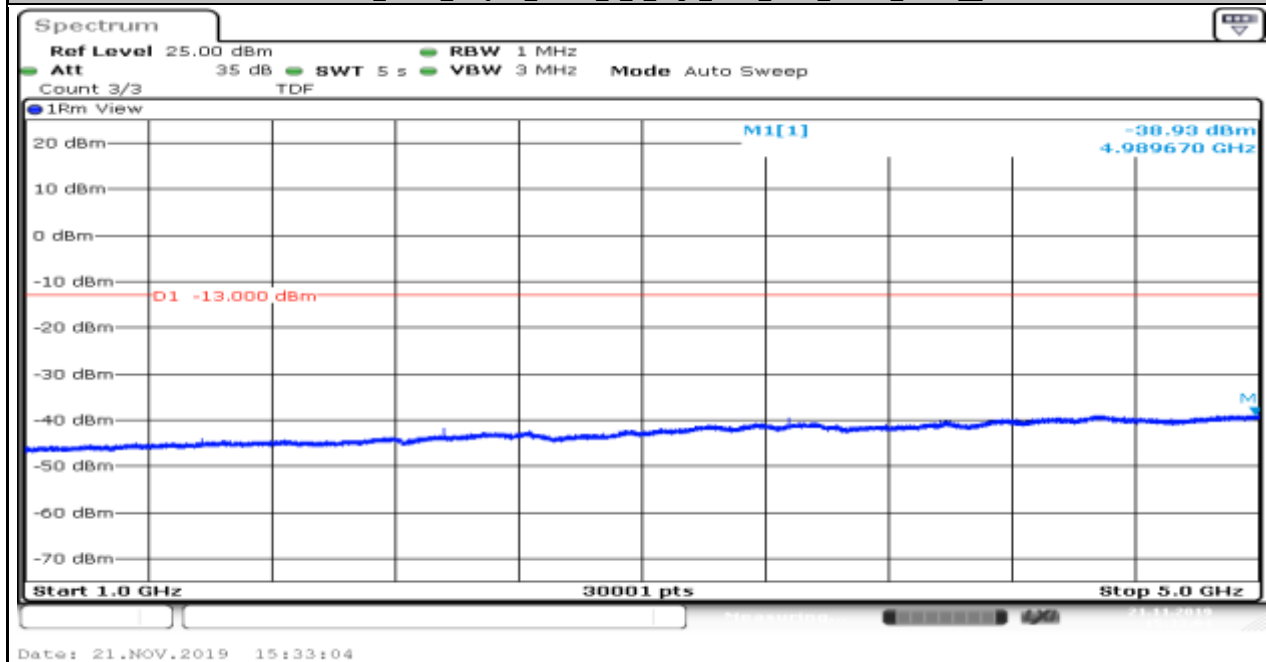


Date: 21.NOV.2019 15:25:04

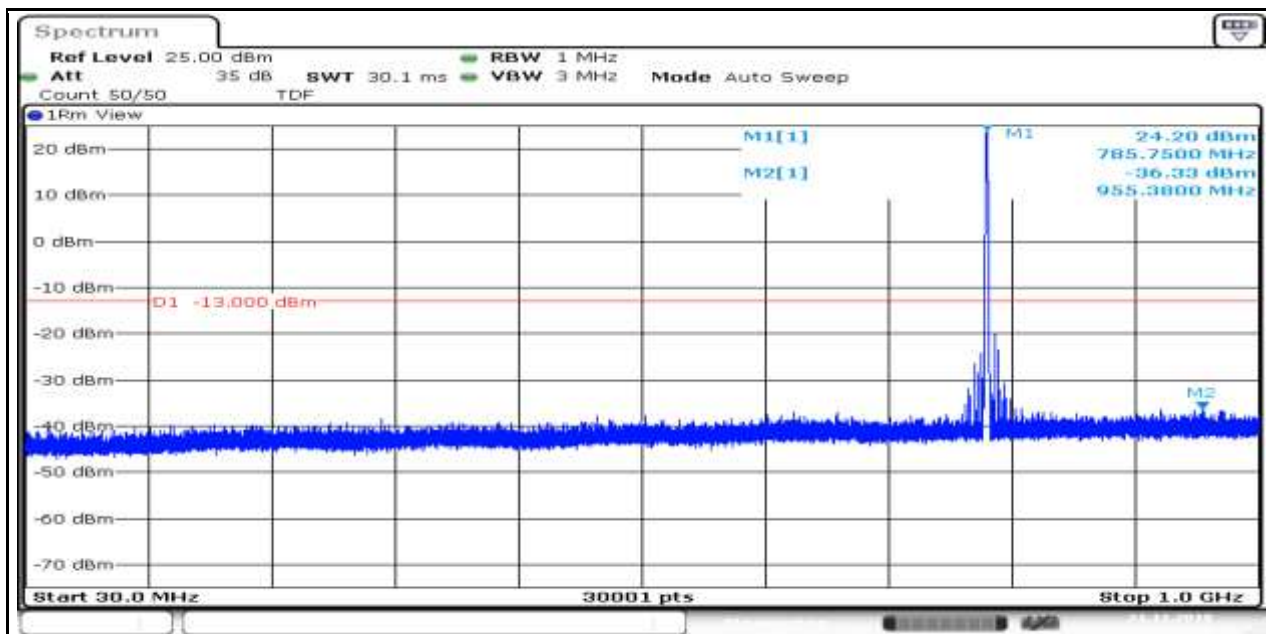
Band13_5MHz_16QAM_23255_3_3_High_5000_12000_-48.14_PASS_



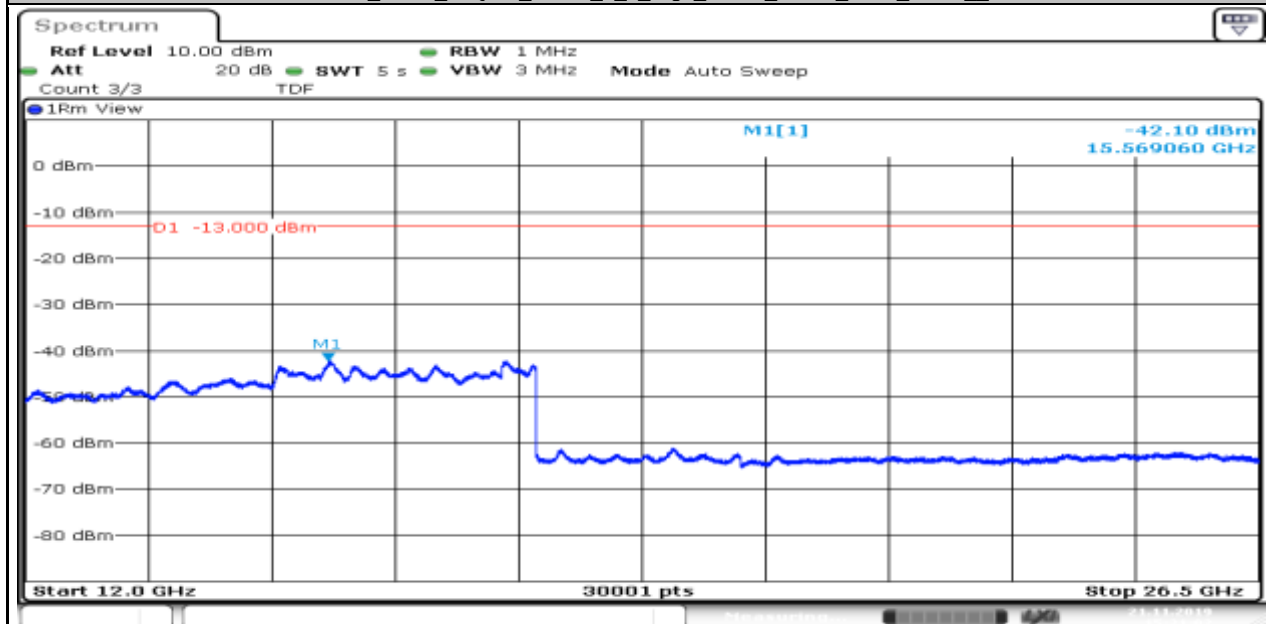
Band13_5MHz_16QAM_23255_3_3_High_1000_5000_-38.93_PASS_



Band13_5MHz_16QAM_23255_3_3_High_30_1000_-36.33_PASS_

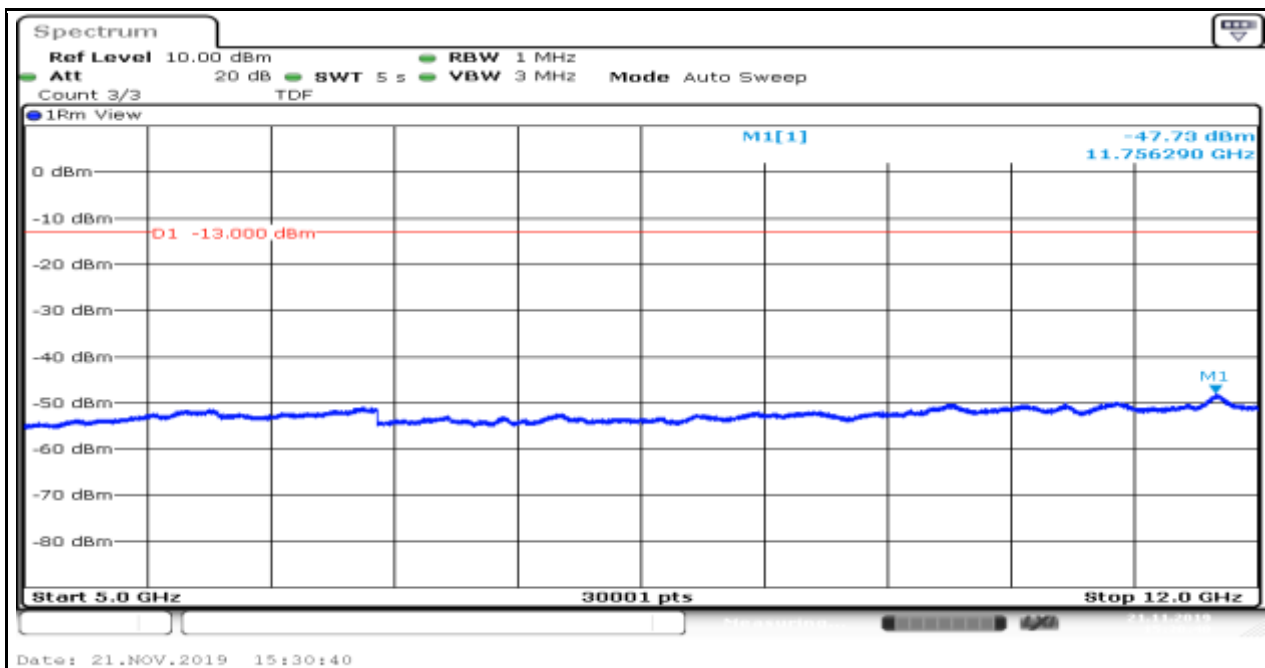


Band13_5MHz_16QAM_23255_1_5_High_12000_26500_-42.1_PASS_

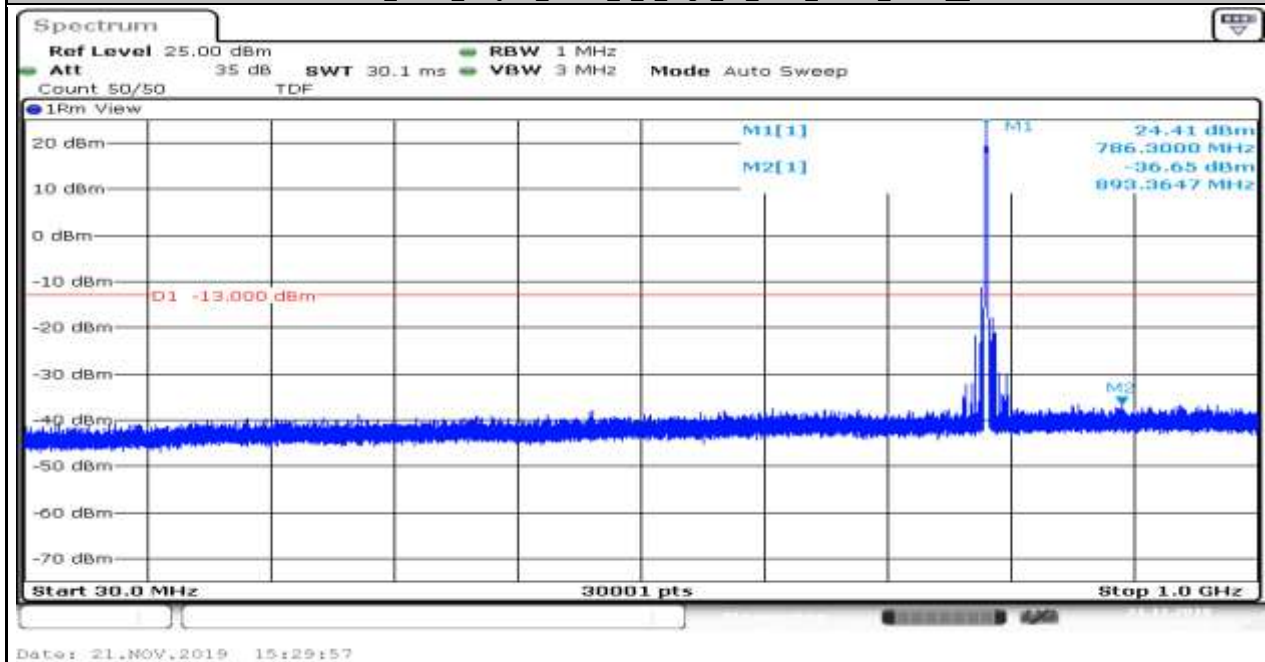


Band13_5MHz_16QAM_23255_1_5_High_5000_12000_-47.73_PASS_

Produkte
Products

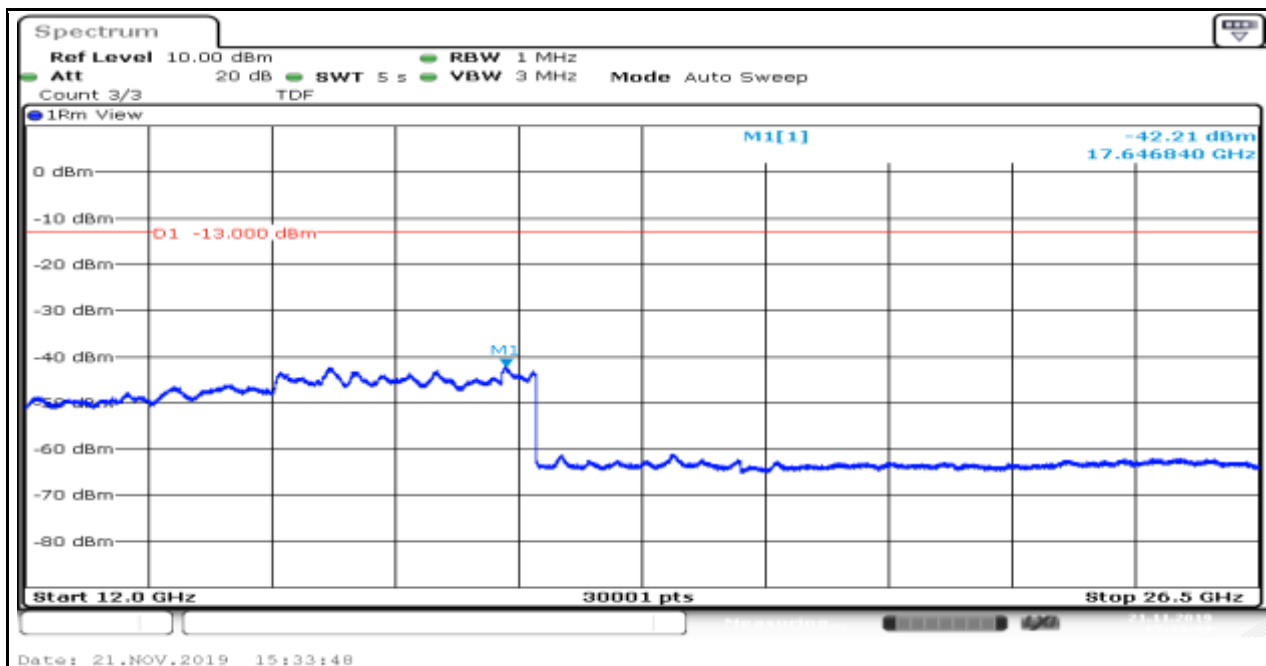


Band13_5MHz_16QAM_23255_1_5_High_30_1000_-36.65_PASS_

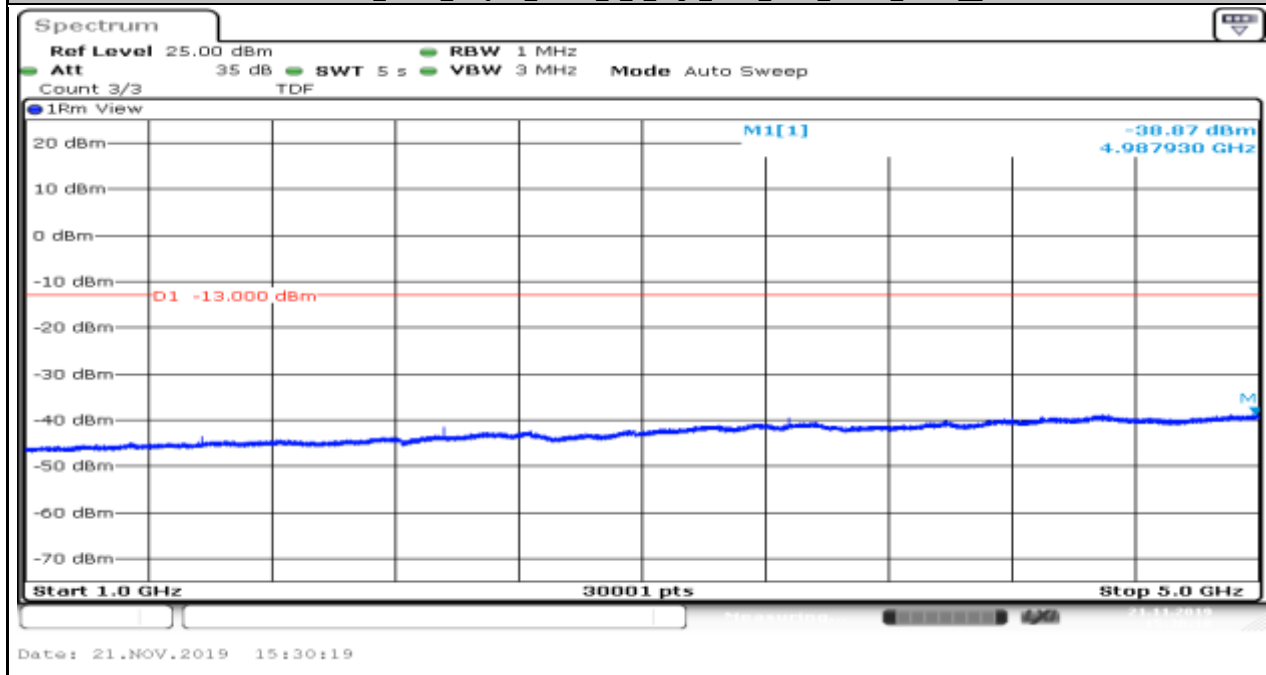


Band13_5MHz_16QAM_23255_3_1_High_12000_26500_-42.21_PASS_

Produkte
Products



Band13_5MHz_16QAM_23255_1_5_High_1000_5000_-38.87_PASS_



Appendix E.6: Frequency Stability for M1

Test Result

Voltage												
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23230	1	0	Low	HV	NT	-8.65	-0.01106	±2.5	PASS
Band13	5MHz	QPSK	23230	1	0	Low	NV	NT	-9.5	-0.01215	±2.5	PASS
Band13	5MHz	QPSK	23230	1	0	Low	LV	NT	-9.04	-0.01156	±2.5	PASS
Band13	5MHz	16QAM	23230	1	0	Low	HV	NT	64.76	0.082813	±2.5	PASS
Band13	5MHz	16QAM	23230	1	0	Low	NV	NT	66.96	0.085627	±2.5	PASS
Band13	5MHz	16QAM	23230	1	0	Low	LV	NT	65.6	0.083887	±2.5	PASS

Temperature												
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23230	1	0	Low	NV	80	-7.57	-0.00968	±2.5	PASS
Band13	5MHz	QPSK	23230	1	0	Low	NV	-40	-9.7	-0.0124	±2.5	PASS
Band13	5MHz	QPSK	23230	1	0	Low	NV	85	-7.12	-0.00911	±2.5	PASS
Band13	5MHz	QPSK	23230	1	0	Low	NV	70	-9.27	-0.01185	±2.5	PASS
Band13	5MHz	QPSK	23230	1	0	Low	NV	60	-5.58	-0.00714	±2.5	PASS
Band13	5MHz	QPSK	23230	1	0	Low	NV	50	-7.94	-0.01015	±2.5	PASS
Band13	5MHz	QPSK	23230	1	0	Low	NV	40	-8.24	-0.01054	±2.5	PASS
Band13	5MHz	QPSK	23230	1	0	Low	NV	20	-10.2	-0.01304	±2.5	PASS
Band13	5MHz	QPSK	23230	1	0	Low	NV	10	-9.87	-0.01262	±2.5	PASS
Band13	5MHz	QPSK	23230	1	0	Low	NV	0	-6.84	-0.00875	±2.5	PASS
Band13	5MHz	QPSK	23230	1	0	Low	NV	-10	-8.44	-0.01079	±2.5	PASS
Band13	5MHz	QPSK	23230	1	0	Low	NV	-20	-8.47	-0.01083	±2.5	PASS
Band13	5MHz	QPSK	23230	1	0	Low	NV	-30	-7.91	-0.01012	±2.5	PASS
Band13	5MHz	QPSK	23230	1	0	Low	NV	30	-7.41	-0.00948	±2.5	PASS
Band13	5MHz	16QAM	23230	1	0	Low	NV	20	65.03	0.083159	±2.5	PASS
Band13	5MHz	16QAM	23230	1	0	Low	NV	-40	65.47	0.083721	±2.5	PASS
Band13	5MHz	16QAM	23230	1	0	Low	NV	85	66.16	0.084604	±2.5	PASS
Band13	5MHz	16QAM	23230	1	0	Low	NV	80	65.7	0.084015	±2.5	PASS
Band13	5MHz	16QAM	23230	1	0	Low	NV	70	64.82	0.08289	±2.5	PASS
Band13	5MHz	16QAM	23230	1	0	Low	NV	60	64.16	0.082046	±2.5	PASS
Band13	5MHz	16QAM	23230	1	0	Low	NV	50	66.03	0.084437	±2.5	PASS
Band13	5MHz	16QAM	23230	1	0	Low	NV	-30	64.72	0.082762	±2.5	PASS
Band13	5MHz	16QAM	23230	1	0	Low	NV	30	66	0.084399	±2.5	PASS
Band13	5MHz	16QAM	23230	1	0	Low	NV	10	65.77	0.084105	±2.5	PASS
Band13	5MHz	16QAM	23230	1	0	Low	NV	0	65.15	0.083312	±2.5	PASS
Band13	5MHz	16QAM	23230	1	0	Low	NV	-10	66.98	0.085652	±2.5	PASS
Band13	5MHz	16QAM	23230	1	0	Low	NV	-20	65.43	0.08367	±2.5	PASS
Band13	5MHz	16QAM	23230	1	0	Low	NV	40	65.63	0.083926	±2.5	PASS

Appendix F: Test Results of Band 25 for eMTC operation

APPENDIX F: TEST RESULTS OF BAND 25 FOR EMTC OPERATION	1
APPENDIX F.1: RF POWER OUTPUT AND EFFECTIVE (ISOTROPIC) RADIATED POWER OUTPUT DATA FOR M1	2
Test Result	2
APPENDIX F.2: PEAK-TO-AVERAGE RATIO (CCDF) FOR M1	4
Test Result	4
Test Graphs.....	4
APPENDIX F.3: 26dB BANDWIDTH AND OCCUPIED BANDWIDTH FOR M1.....	11
Test Result	11
Test Graphs.....	11
APPENDIX F.4: BAND EDGE FOR M1	18
Test Result	18
Test Graphs.....	18
APPENDIX F.5: CONDUCTED SPURIOUS EMISSION FOR M1	23
Test Result	23
Test Graphs.....	24
APPENDIX F.6: FREQUENCY STABILITY FOR M1.....	48
Test Result	48

Appendix F.1: RF Power Output and Effective (Isotropic) Radiated Power Output Data for M1

Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NBIndex	Result (dBm)	EIRP		Limit (watts)	Verdict
								dBm	Watts		
Band25	1.4MHz	QPSK	26047	1	0	Low	21.66	23.8	0.240	2	PASS
Band25	1.4MHz	QPSK	26365	1	0	Low	21.49	23.63	0.231	2	PASS
Band25	1.4MHz	QPSK	26683	1	5	Low	21.24	23.38	0.218	2	PASS
Band25	1.4MHz	QPSK	26047	6	0	Low	19.41	21.55	0.143	2	PASS
Band25	1.4MHz	QPSK	26365	6	0	Low	19.33	21.47	0.140	2	PASS
Band25	1.4MHz	QPSK	26683	6	0	Low	19.33	21.47	0.140	2	PASS
Band25	1.4MHz	16QAM	26047	1	0	Low	20.58	22.72	0.187	2	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	20.47	22.61	0.182	2	PASS
Band25	1.4MHz	16QAM	26683	1	5	Low	20.09	22.23	0.167	2	PASS
Band25	1.4MHz	16QAM	26047	6	0	Low	19.31	21.45	0.140	2	PASS
Band25	1.4MHz	16QAM	26365	6	0	Low	19.29	21.43	0.139	2	PASS
Band25	1.4MHz	16QAM	26683	6	0	Low	19.22	21.36	0.137	2	PASS
Band25	3MHz	QPSK	26055	1	0	Low	21.45	23.59	0.229	2	PASS
Band25	3MHz	QPSK	26365	1	0	Low	21.41	23.55	0.226	2	PASS
Band25	3MHz	QPSK	26675	1	5	High	21.32	23.46	0.222	2	PASS
Band25	3MHz	QPSK	26055	6	0	Low	19.48	21.62	0.145	2	PASS
Band25	3MHz	QPSK	26365	6	0	Low	19.11	21.25	0.133	2	PASS
Band25	3MHz	QPSK	26675	6	0	High	19	21.14	0.130	2	PASS
Band25	3MHz	16QAM	26055	1	0	Low	20.58	22.72	0.187	2	PASS
Band25	3MHz	16QAM	26365	1	0	Low	20.57	22.71	0.187	2	PASS
Band25	3MHz	16QAM	26675	1	5	High	20.07	22.21	0.166	2	PASS
Band25	3MHz	16QAM	26055	6	0	Low	19.08	21.22	0.132	2	PASS
Band25	3MHz	16QAM	26365	6	0	Low	19.18	21.32	0.136	2	PASS
Band25	3MHz	16QAM	26675	6	0	High	19	21.14	0.130	2	PASS
Band25	5MHz	QPSK	26065	1	0	Low	21.52	23.66	0.232	2	PASS
Band25	5MHz	QPSK	26365	1	0	Low	21.36	23.5	0.224	2	PASS
Band25	5MHz	QPSK	26665	1	5	High	21.15	23.29	0.213	2	PASS
Band25	5MHz	QPSK	26665	3	3	High	21.08	23.22	0.210	2	PASS
Band25	5MHz	QPSK	26065	6	0	Low	20.25	22.39	0.173	2	PASS
Band25	5MHz	QPSK	26365	6	0	Low	20.29	22.43	0.175	2	PASS
Band25	5MHz	16QAM	26065	1	0	Low	21.25	23.39	0.218	2	PASS
Band25	5MHz	16QAM	26365	1	0	Low	21.1	23.24	0.211	2	PASS
Band25	5MHz	16QAM	26665	1	5	High	20.96	23.1	0.204	2	PASS
Band25	5MHz	16QAM	26665	3	3	High	21.13	23.27	0.212	2	PASS
Band25	5MHz	16QAM	26065	6	0	Low	20.25	22.39	0.173	2	PASS
Band25	5MHz	16QAM	26365	6	0	Low	20.29	22.43	0.175	2	PASS
Band25	10MHz	QPSK	26090	1	0	Low	21.58	23.72	0.236	2	PASS
Band25	10MHz	QPSK	26365	1	0	Low	21.41	23.55	0.226	2	PASS
Band25	10MHz	QPSK	26640	1	5	High	21.16	23.3	0.214	2	PASS
Band25	10MHz	QPSK	26090	5	0	Low	21.28	23.42	0.220	2	PASS
Band25	10MHz	QPSK	26365	5	0	Low	21.2	23.34	0.216	2	PASS
Band25	10MHz	QPSK	26640	5	1	High	21.15	23.29	0.213	2	PASS
Band25	10MHz	16QAM	26090	1	0	Low	21.21	23.35	0.216	2	PASS
Band25	10MHz	16QAM	26365	1	0	Low	21	23.14	0.206	2	PASS
Band25	10MHz	16QAM	26640	1	5	High	20.78	22.92	0.196	2	PASS
Band25	10MHz	16QAM	26090	5	0	Low	21.21	23.35	0.216	2	PASS
Band25	10MHz	16QAM	26365	5	0	Low	21.03	23.17	0.207	2	PASS
Band25	10MHz	16QAM	26640	5	1	High	20.93	23.07	0.203	2	PASS
Band25	15MHz	QPSK	26115	1	0	Low	21.5	23.64	0.231	2	PASS
Band25	15MHz	QPSK	26365	1	0	Low	21.39	23.53	0.225	2	PASS
Band25	15MHz	QPSK	26615	1	5	High	21.22	23.36	0.217	2	PASS

Produkte
Products

Band25	15MHz	QPSK	26115	6	0	Low	21.32	23.46	0.222	2	PASS
Band25	15MHz	QPSK	26365	6	0	Low	21.22	23.36	0.217	2	PASS
Band25	15MHz	QPSK	26615	6	0	High	21.01	23.15	0.207	2	PASS
Band25	15MHz	16QAM	26115	1	0	Low	21.29	23.43	0.220	2	PASS
Band25	15MHz	16QAM	26365	1	0	Low	21.1	23.24	0.211	2	PASS
Band25	15MHz	16QAM	26615	1	5	High	20.8	22.94	0.197	2	PASS
Band25	15MHz	16QAM	26115	6	0	Low	21.32	23.46	0.222	2	PASS
Band25	15MHz	16QAM	26365	6	0	Low	21.22	23.36	0.217	2	PASS
Band25	15MHz	16QAM	26615	6	0	High	21.1	23.24	0.211	2	PASS
Band25	20MHz	QPSK	26140	1	0	Low	21.38	23.52	0.225	2	PASS
Band25	20MHz	QPSK	26365	1	0	Low	21.43	23.57	0.228	2	PASS
Band25	20MHz	QPSK	26590	1	5	High	21.27	23.41	0.219	2	PASS
Band25	20MHz	QPSK	26140	6	0	Low	21.34	23.48	0.223	2	PASS
Band25	20MHz	QPSK	26365	6	0	Low	21.3	23.44	0.221	2	PASS
Band25	20MHz	QPSK	26590	6	0	High	21.14	23.28	0.213	2	PASS
Band25	20MHz	16QAM	26140	1	0	Low	21.22	23.36	0.217	2	PASS
Band25	20MHz	16QAM	26365	1	0	Low	21.12	23.26	0.212	2	PASS
Band25	20MHz	16QAM	26590	1	5	High	20.9	23.04	0.201	2	PASS
Band25	20MHz	16QAM	26140	6	0	Low	21.35	23.49	0.223	2	PASS
Band25	20MHz	16QAM	26365	6	0	Low	21.29	23.43	0.220	2	PASS
Band25	20MHz	16QAM	26590	6	0	High	21.26	23.4	0.219	2	PASS

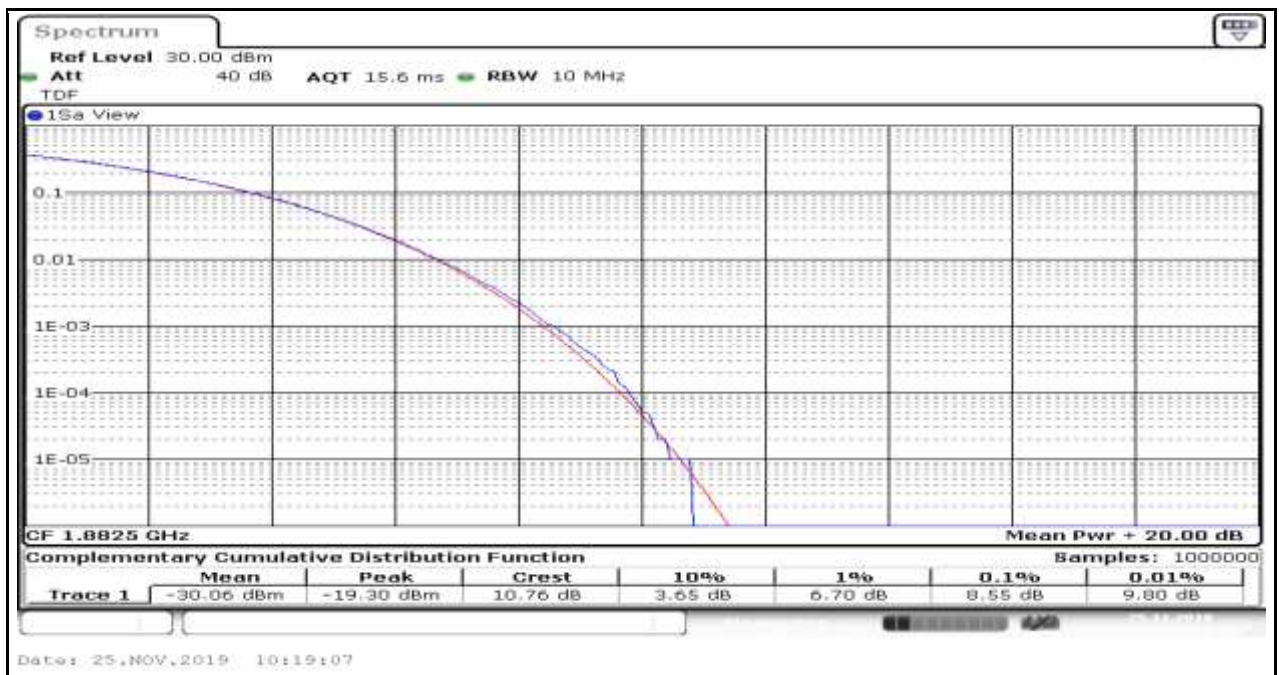
Appendix F.2: Peak-to-Average Ratio (CCDF) for M1

Test Result

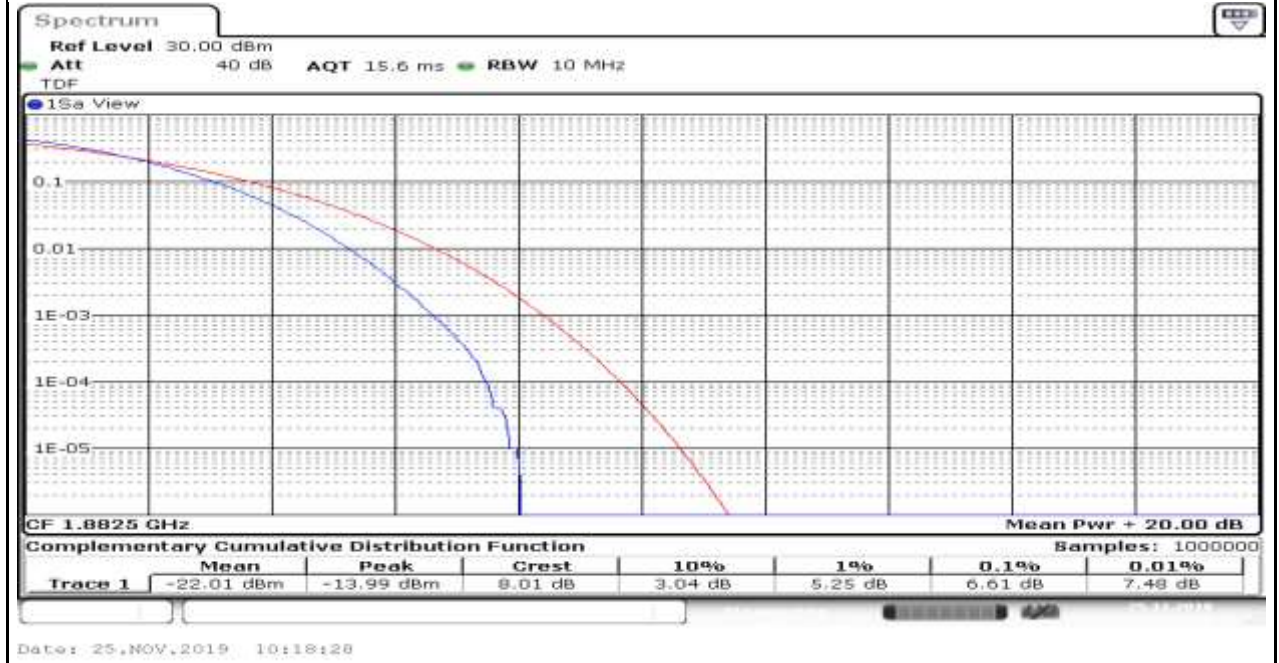
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NBIndex	Result(dB)	Limit(dB)	Verdict
Band25	20MHz	QPSK	26365	6	0	Low	8.46	<=13	PASS
Band25	15MHz	QPSK	26365	6	0	Low	8.55	<=13	PASS
Band25	10MHz	QPSK	26365	6	0	Low	6.61	<=13	PASS
Band25	5MHz	QPSK	26365	6	0	Low	10.06	<=13	PASS
Band25	3MHz	QPSK	26365	6	0	Low	6.23	<=13	PASS
Band25	1.4MHz	QPSK	26365	6	0	Low	8.41	<=13	PASS
Band25	20MHz	16QAM	26365	6	0	Low	9.45	<=13	PASS
Band25	15MHz	16QAM	26365	6	0	Low	9.80	<=13	PASS
Band25	10MHz	16QAM	26365	6	0	Low	9.51	<=13	PASS
Band25	5MHz	16QAM	26365	6	0	Low	9.25	<=13	PASS
Band25	3MHz	16QAM	26365	6	0	Low	9.39	<=13	PASS
Band25	1.4MHz	16QAM	26365	6	0	Low	9.33	<=13	PASS

Test Graphs





Band25_10MHz_QPSK_26365_6_0_Low_6.61_<=13_PASS_



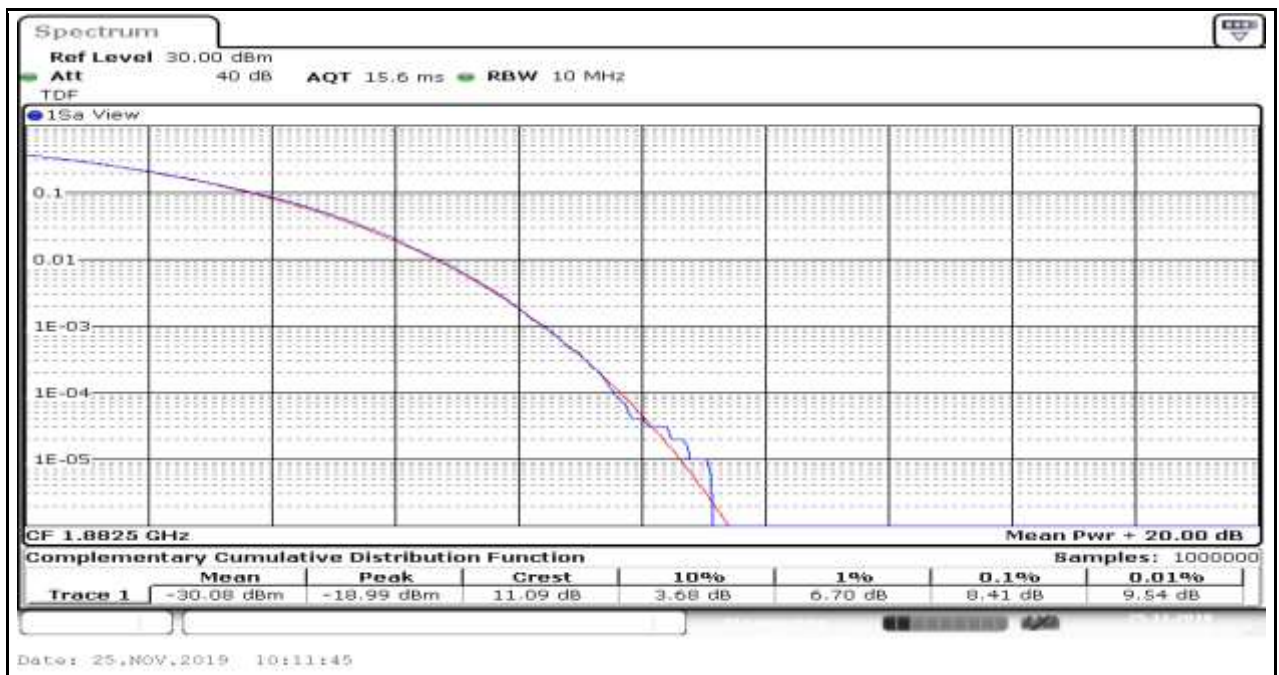
Band25_5MHz_QPSK_26365_6_0_Low_10.06_<=13_PASS_



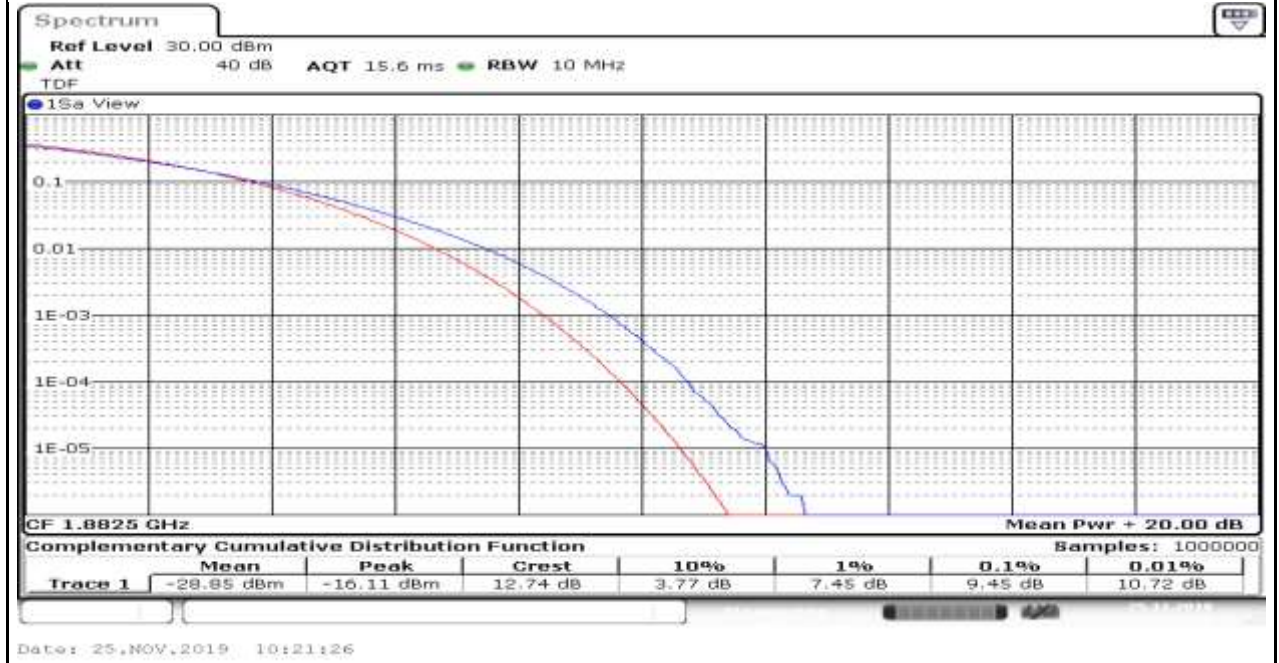
Band25_3MHz_QPSK_26365_6_0_Low_6.23_<=13_PASS



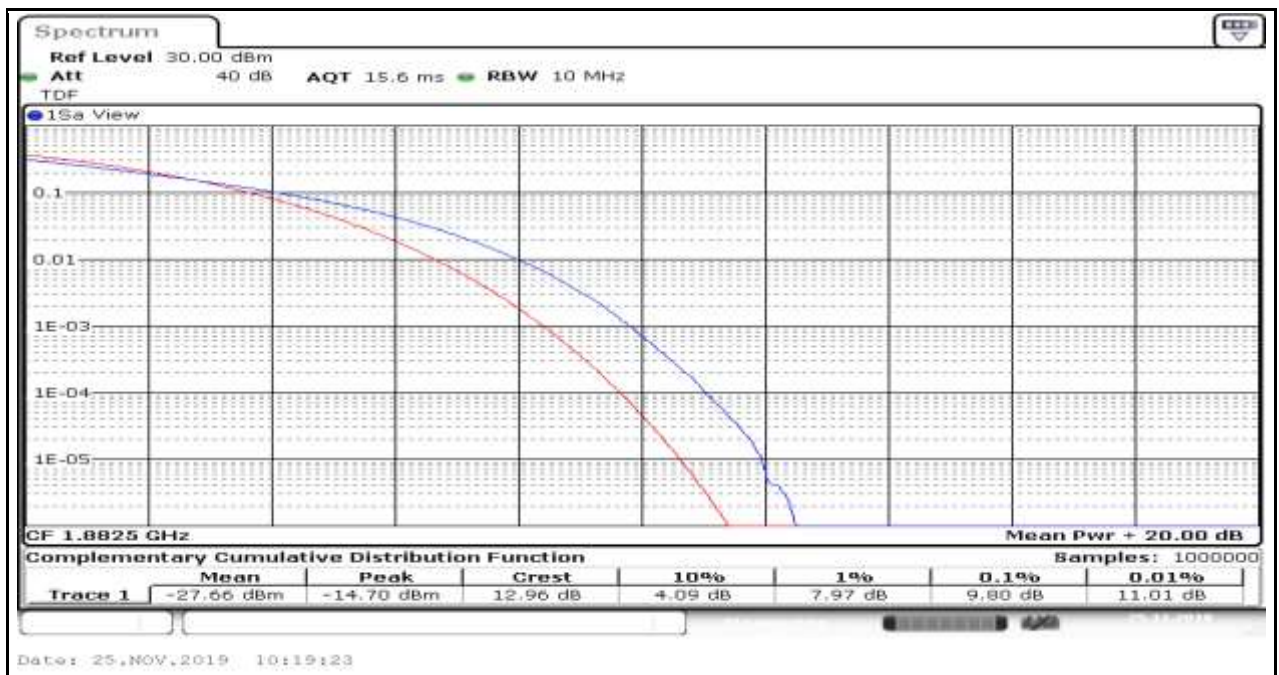
Band25_1.4MHz_QPSK_26365_6_0_Low_8.41_<=13_PASS



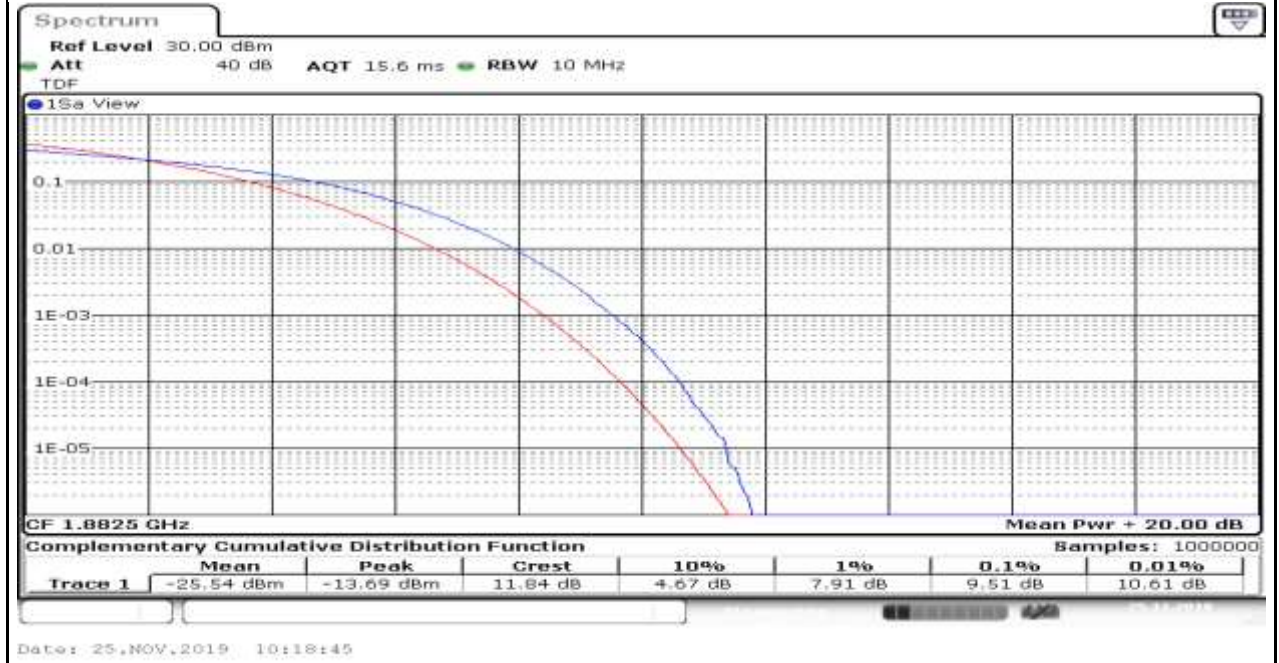
Band25_20MHz_16QAM_26365_6_0_Low_9.45_<=13_PASS



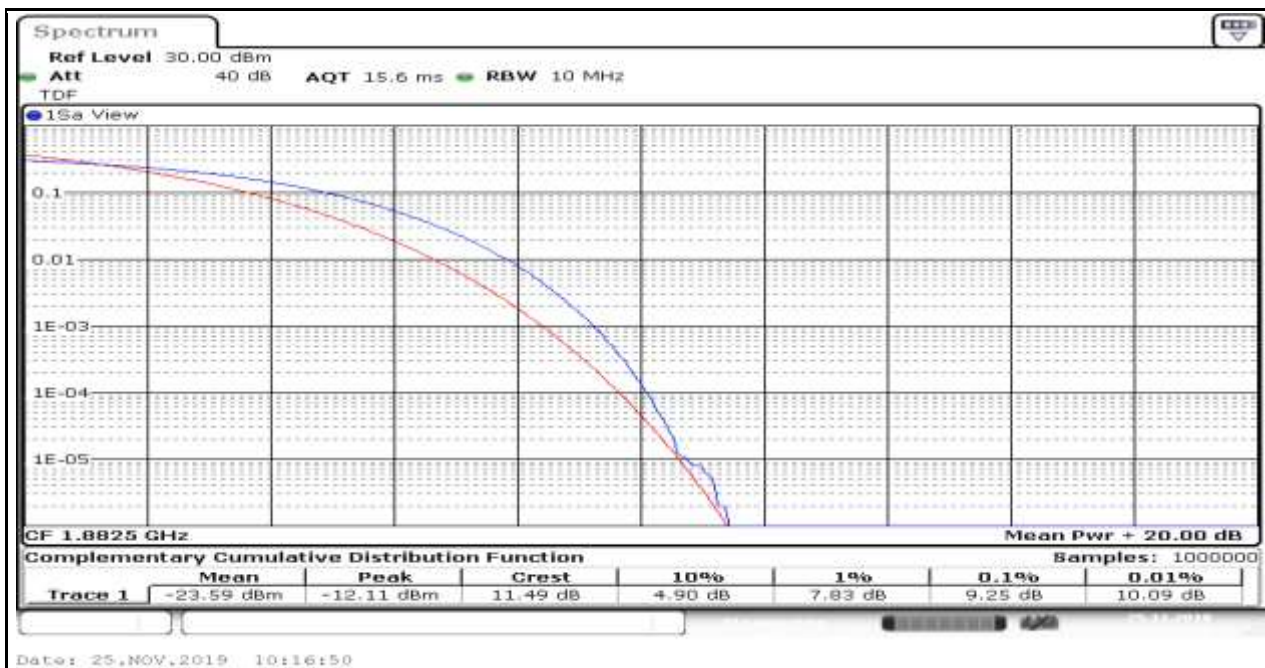
Band25_15MHz_16QAM_26365_6_0_Low_9.80_<=13_PASS



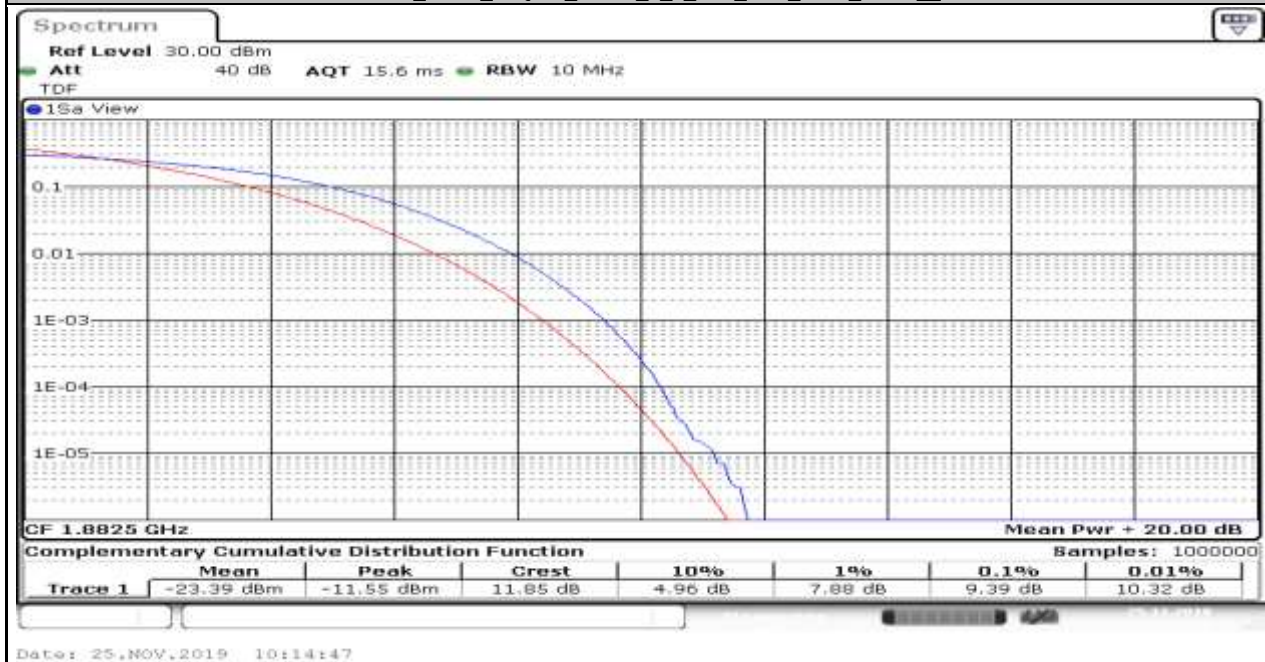
Band25_10MHz_16QAM_26365_6_0_Low_9.51_<=13_PASS



Band25_5MHz_16QAM_26365_6_0_Low_9.25_<=13_PASS

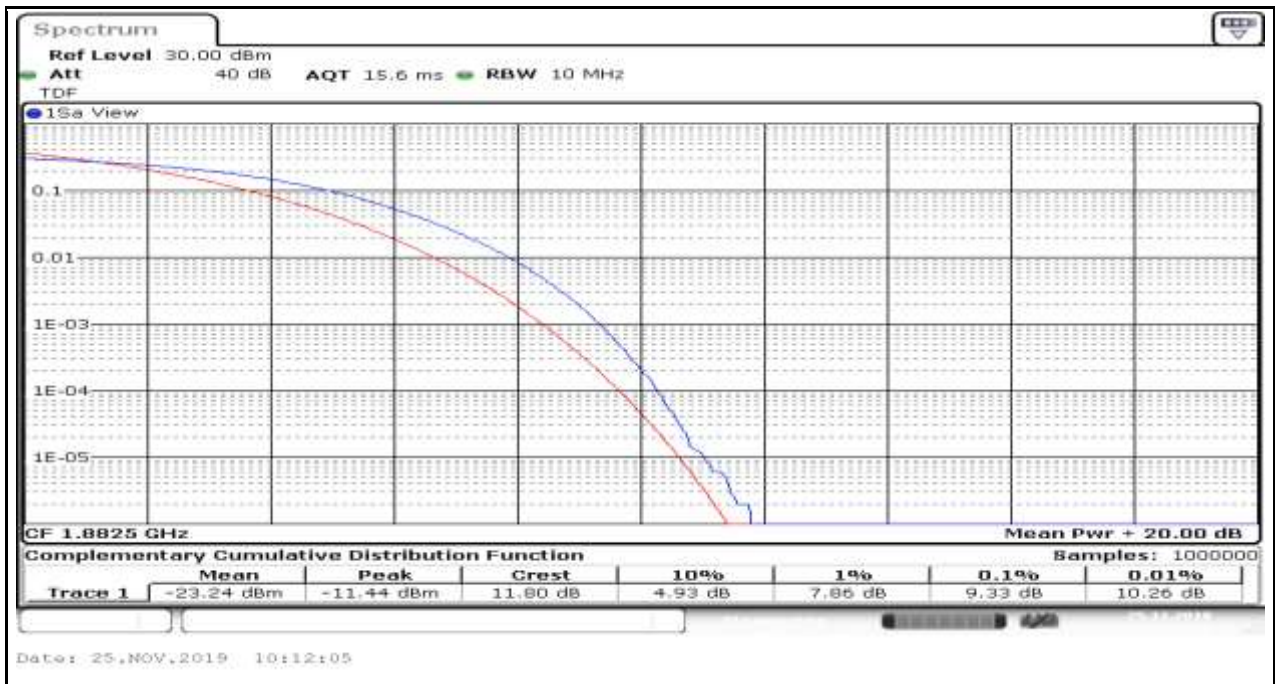


Band25_3MHz_16QAM_26365_6_0_Low_9.39_<=13_PASS



Band25_1.4MHz_16QAM_26365_6_0_Low_9.33_<=13_PASS

Produkte
Products

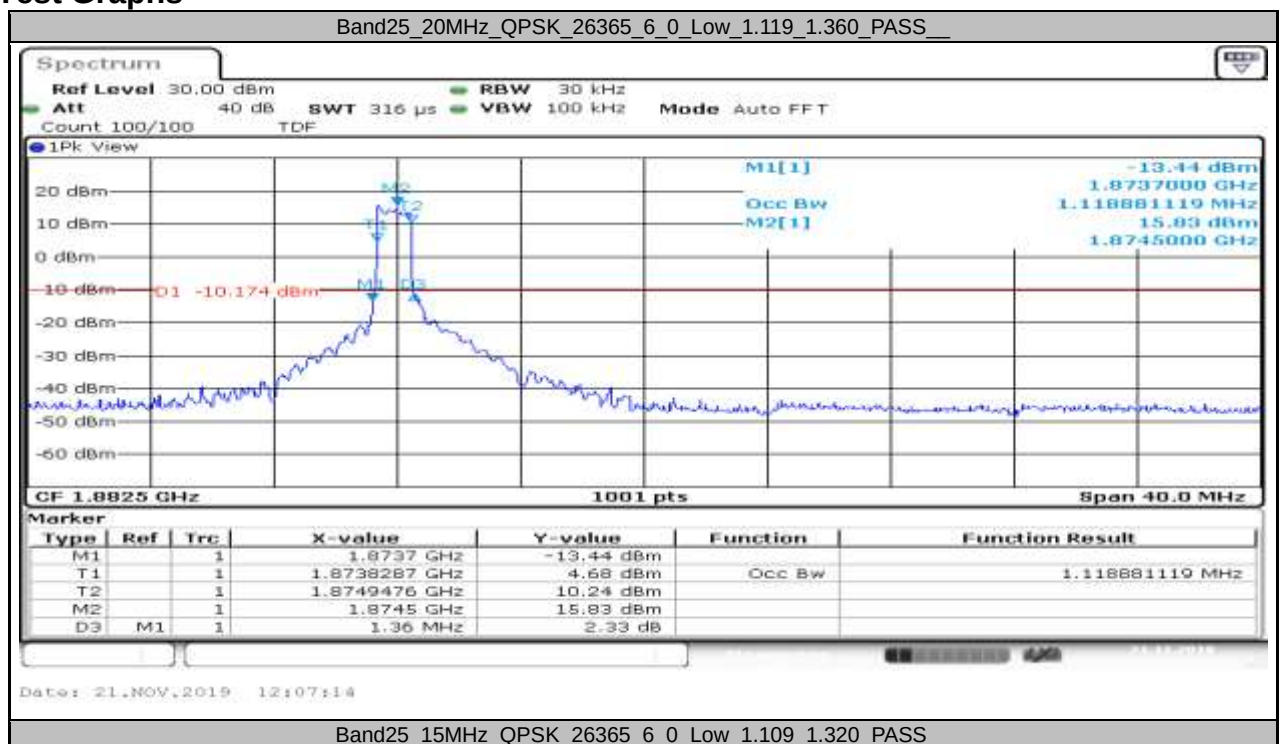


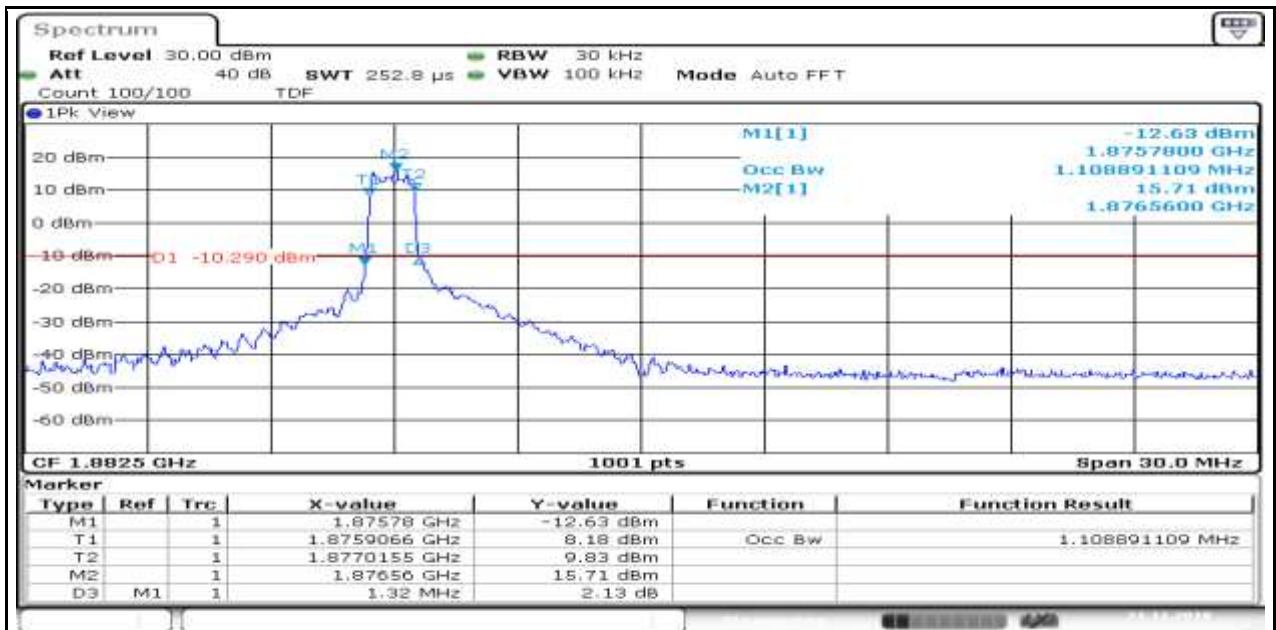
Appendix F.3: 26dB Bandwidth and Occupied Bandwidth for M1

Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band25	20MHz	QPSK	26365	6	0	Low	1.119	1.360	PASS
Band25	15MHz	QPSK	26365	6	0	Low	1.109	1.320	PASS
Band25	10MHz	QPSK	26365	6	0	Low	1.099	1.320	PASS
Band25	5MHz	QPSK	26365	6	0	Low	1.089	1.310	PASS
Band25	3MHz	QPSK	26365	6	0	Low	1.103	1.362	PASS
Band25	1.4MHz	QPSK	26365	6	0	Low	1.094	1.566	PASS
Band25	20MHz	16QAM	26365	6	0	Low	1.119	1.400	PASS
Band25	15MHz	16QAM	26365	6	0	Low	1.109	1.410	PASS
Band25	10MHz	16QAM	26365	6	0	Low	1.099	1.320	PASS
Band25	5MHz	16QAM	26365	6	0	Low	1.099	1.510	PASS
Band25	3MHz	16QAM	26365	6	0	Low	1.103	1.476	PASS
Band25	1.4MHz	16QAM	26365	6	0	Low	1.1	1.554	PASS

Test Graphs

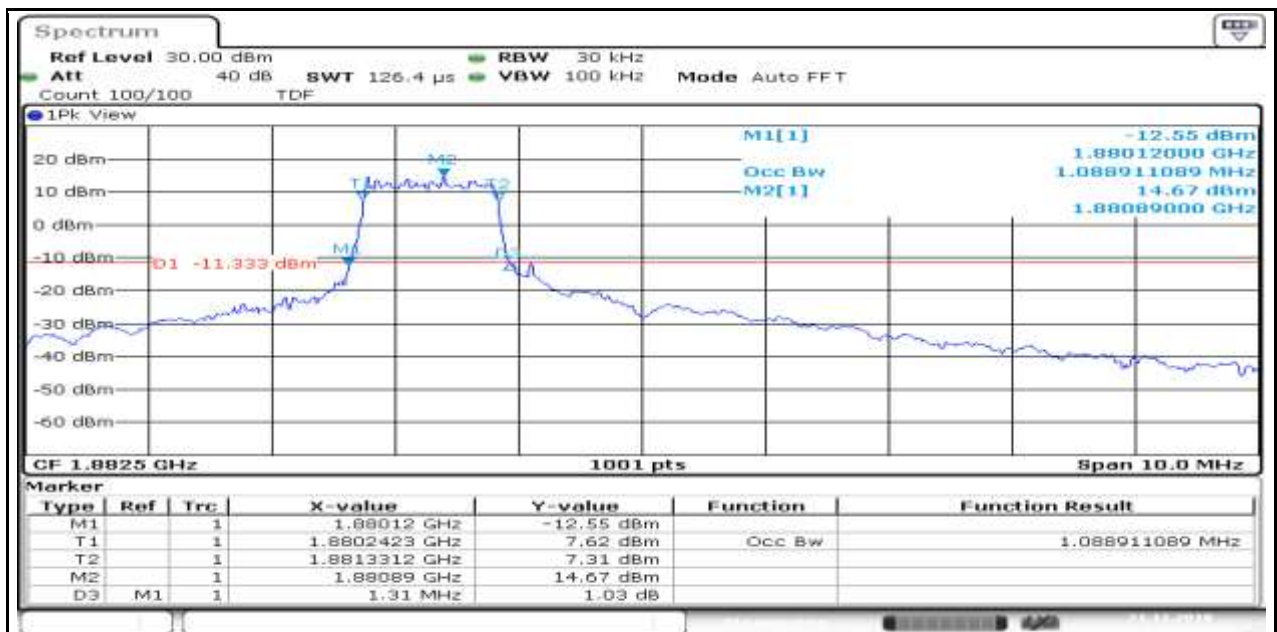




Band25_10MHz_QPSK_26365_6_0_Low_1.099_1.320_PASS



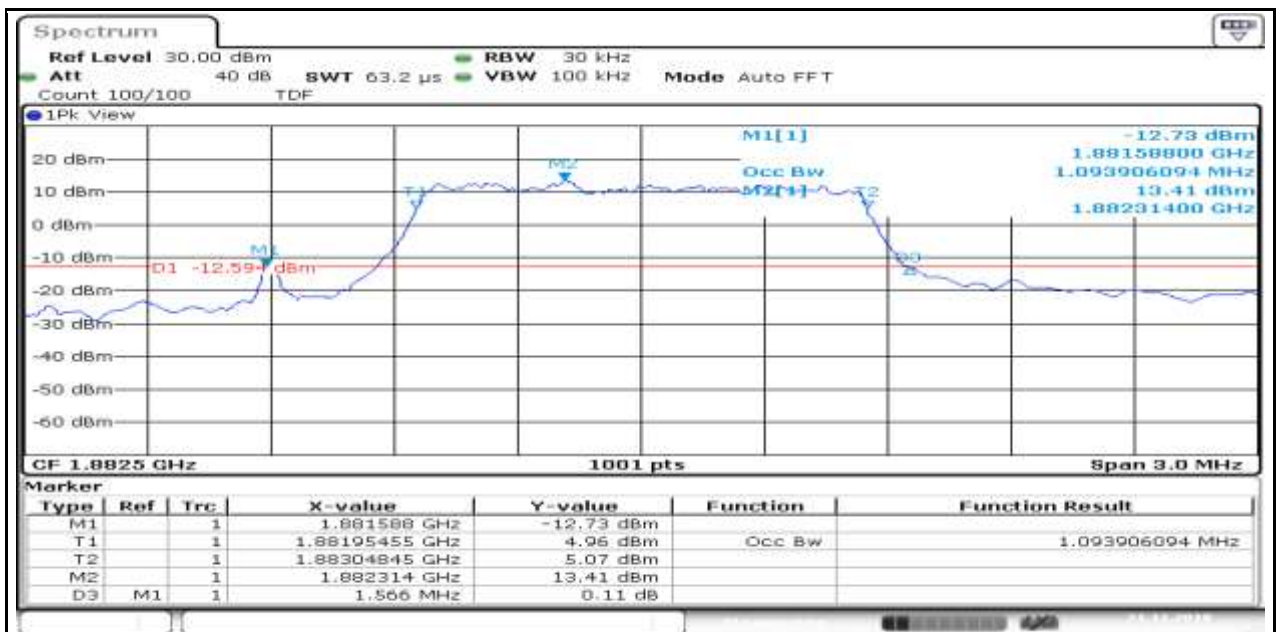
Band25_5MHz_QPSK_26365_6_0_Low_1.089_1.310_PASS



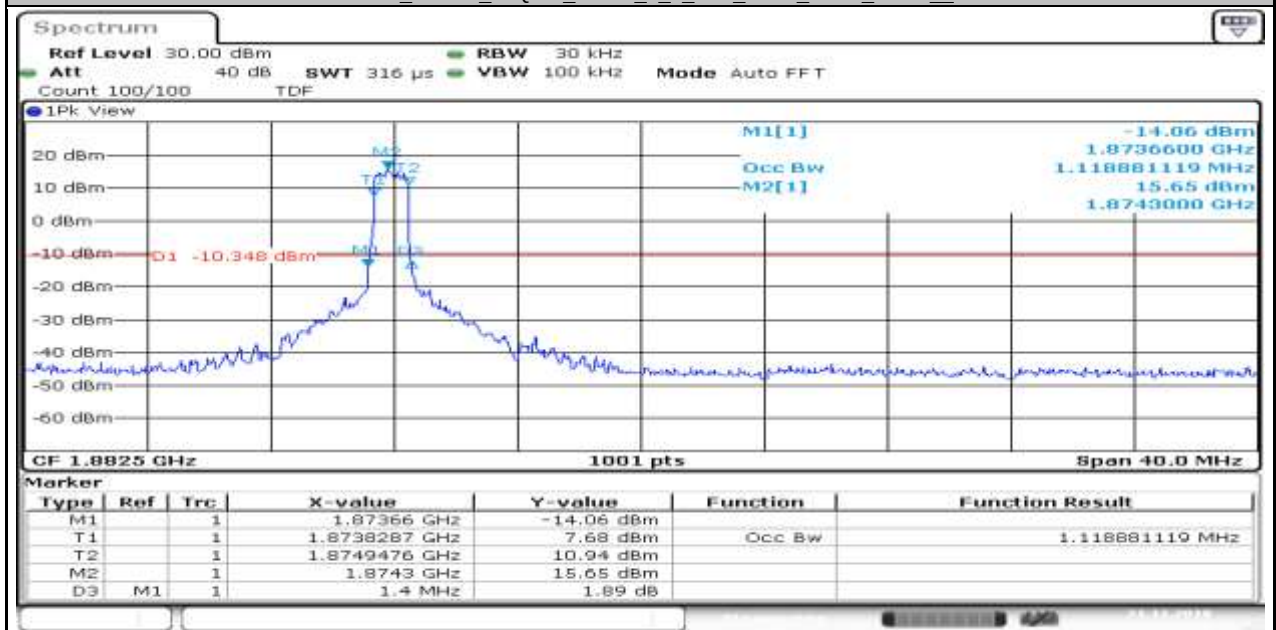
Band25_3MHz_QPSK_26365_6_0_Low_1.103_1.362_PASS



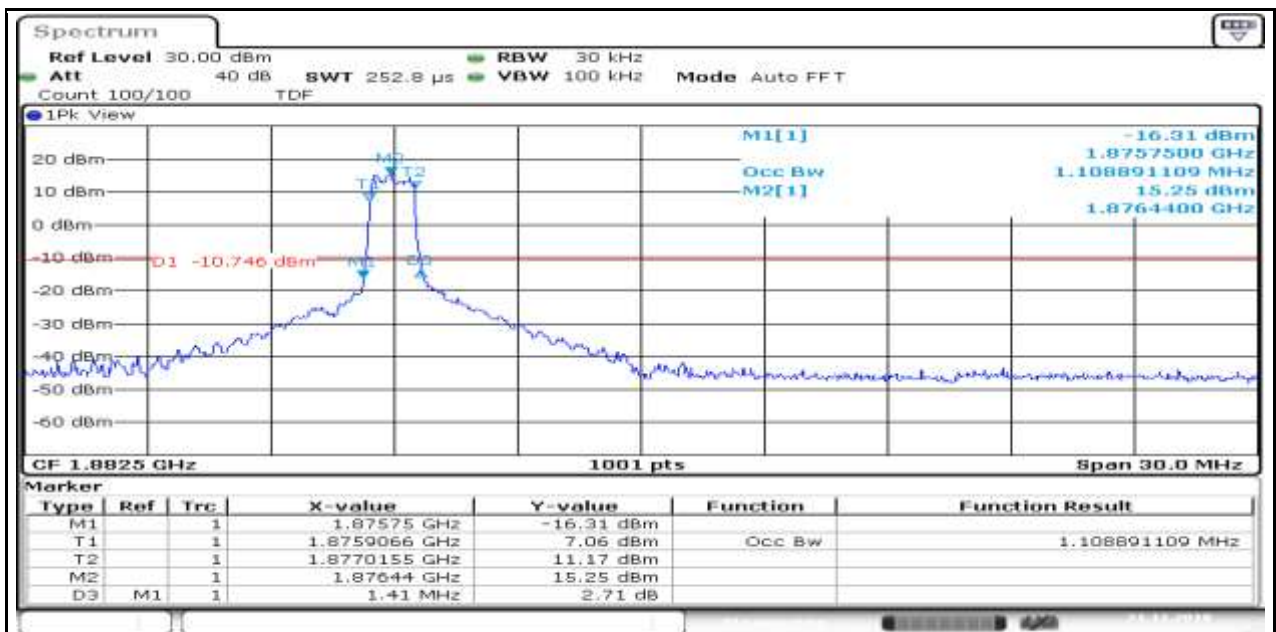
Band25_1.4MHz_QPSK_26365_6_0_Low_1.094_1.566_PASS



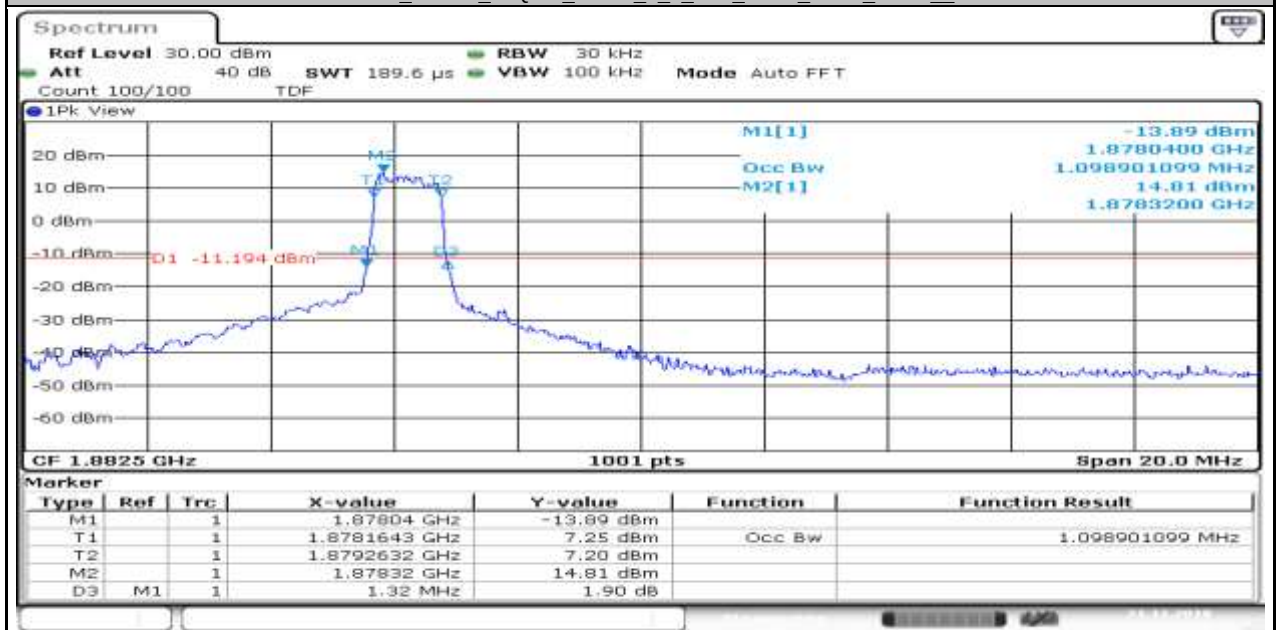
Band25_20MHz_16QAM_26365_6_0_Low_1.119_1.400_PASS_



Band25_15MHz_16QAM_26365_6_0_Low_1.109_1.410_PASS_



Band25_10MHz_16QAM_26365_6_0_Low_1.099_1.320_PASS

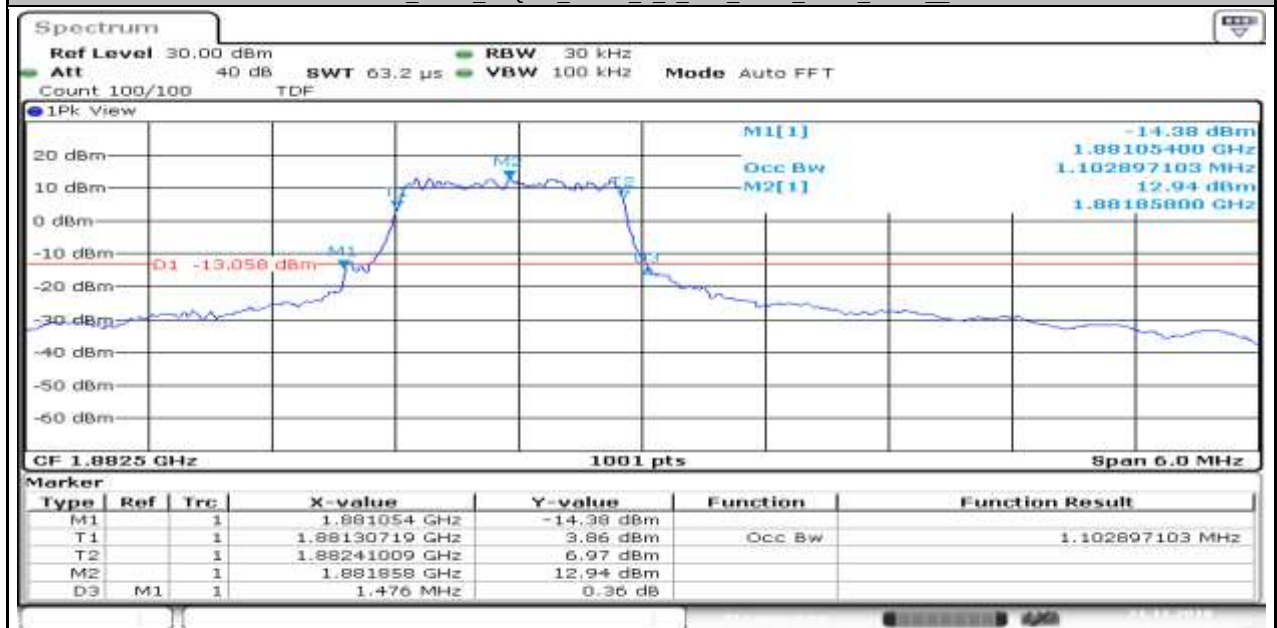


Band25_5MHz_16QAM_26365_6_0_Low_1.099_1.510_PASS



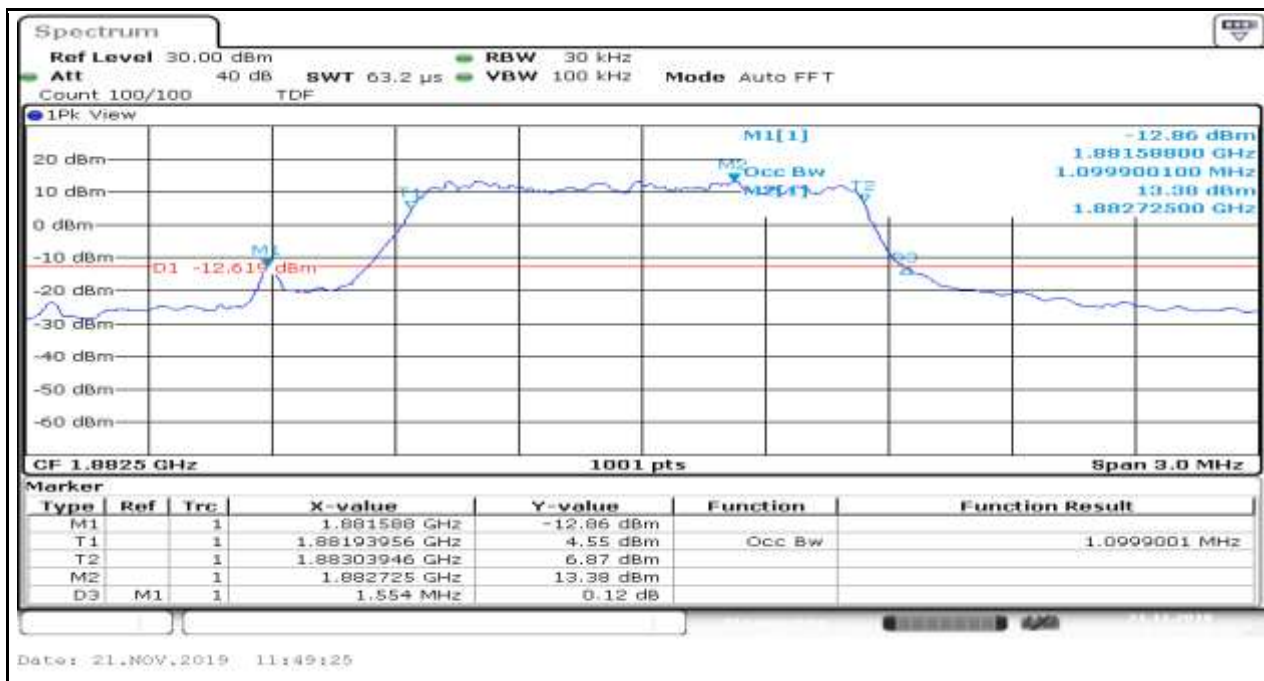
Date: 21.NOV.2019 12:01:19

Band25_3MHz_16QAM_26365_6_0_Low_1.103_1.476_PASS



Date: 21.NOV.2019 11:54:35

Band25_1.4MHz_16QAM_26365_6_0_Low_1.1_1.554_PASS

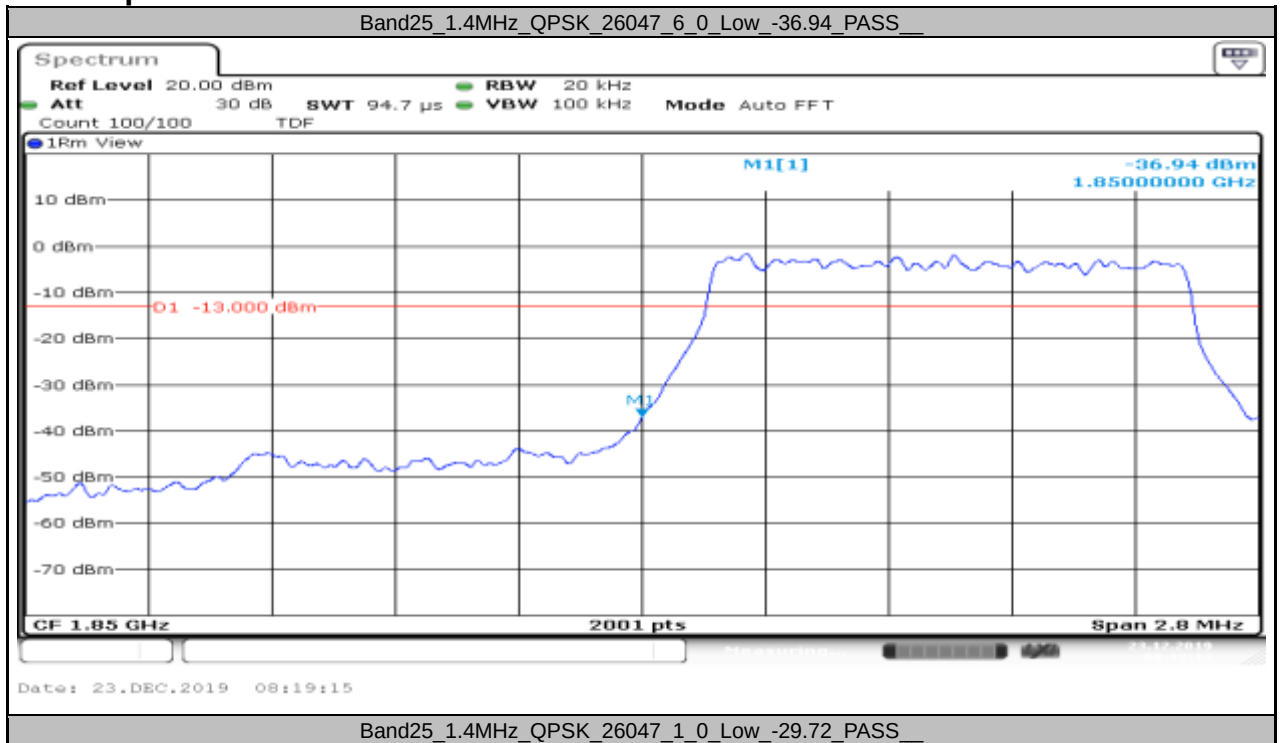


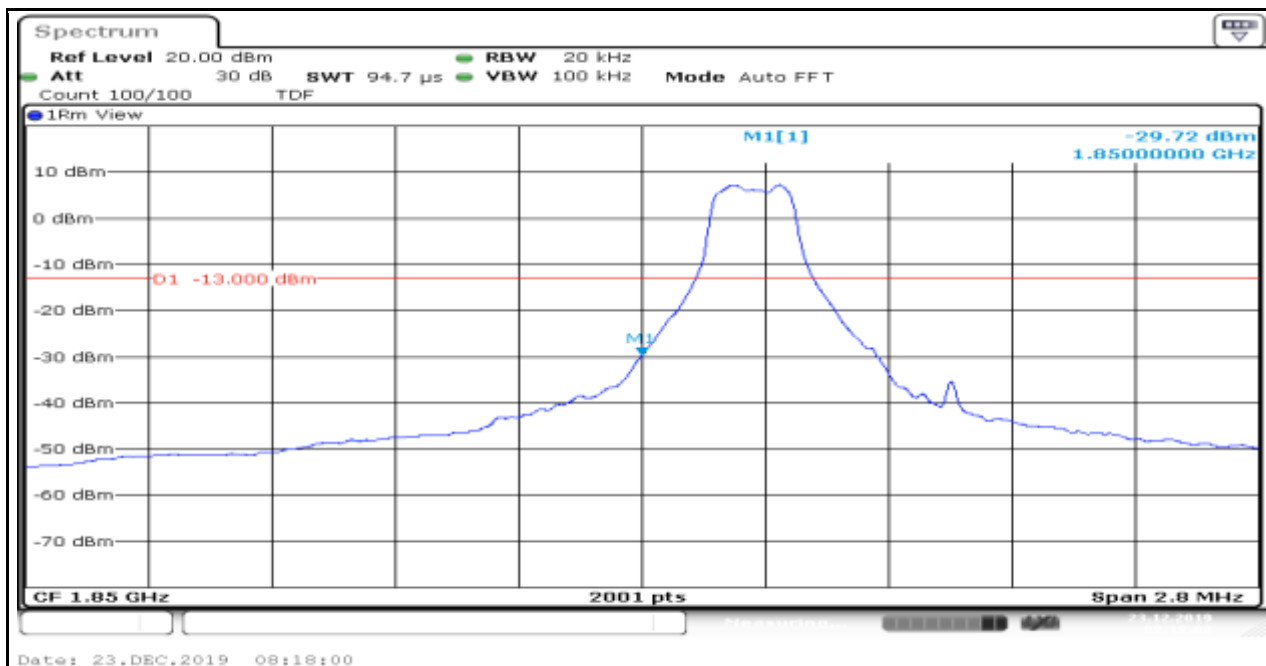
Appendix F.4: Band Edge for M1

Test Result

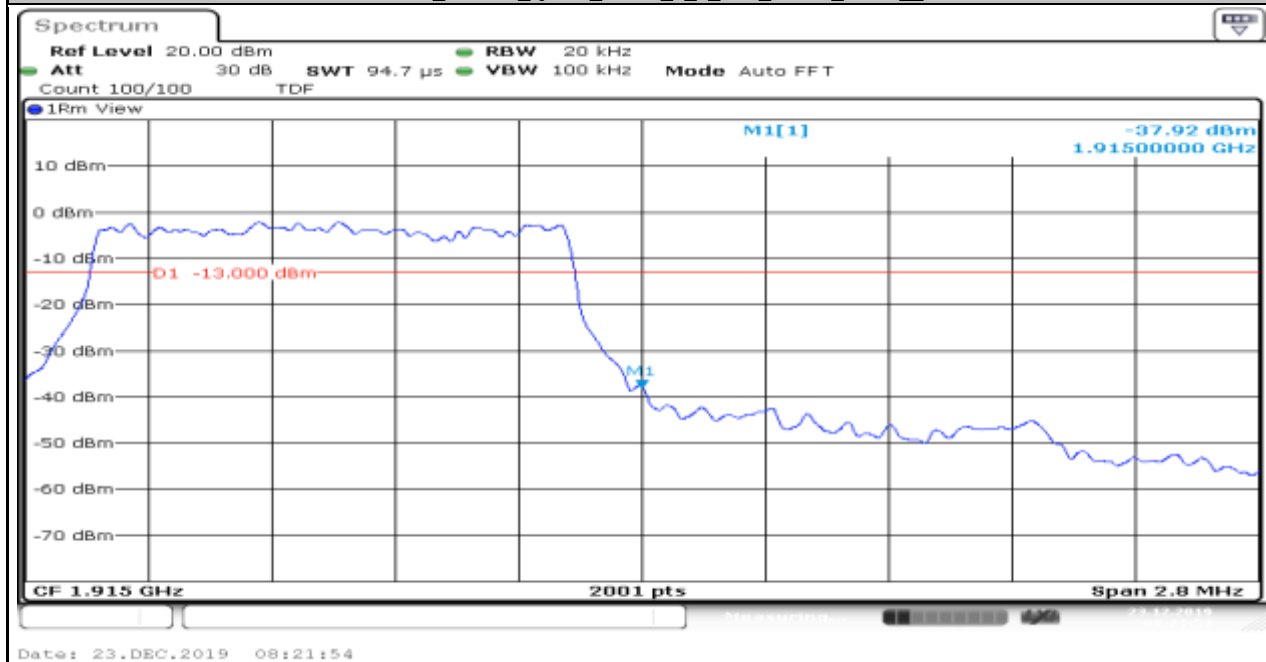
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Result (dBm)	Verdict
Band25	1.4MHz	QPSK	26047	6	0	Low	-36.94	PASS
Band25	1.4MHz	QPSK	26047	1	0	Low	-29.72	PASS
Band25	1.4MHz	QPSK	26683	6	0	Low	-37.92	PASS
Band25	1.4MHz	QPSK	26683	1	5	Low	-46.55	PASS
Band25	1.4MHz	16QAM	26047	6	0	Low	-38.92	PASS
Band25	1.4MHz	16QAM	26047	1	0	Low	-32.16	PASS
Band25	1.4MHz	16QAM	26683	6	0	Low	-41.14	PASS
Band25	1.4MHz	16QAM	26683	1	5	Low	-48.40	PASS

Test Graphs





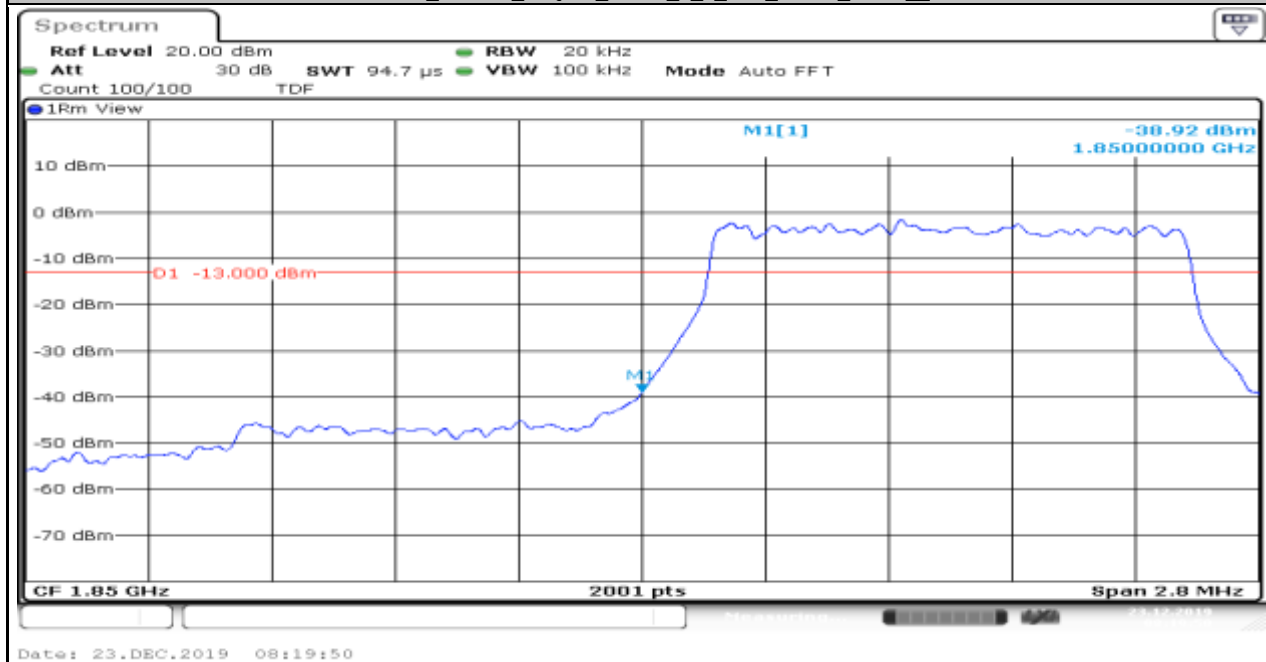
Band25_1.4MHz_QPSK_26683_6_0_Low_-37.92_PASS_



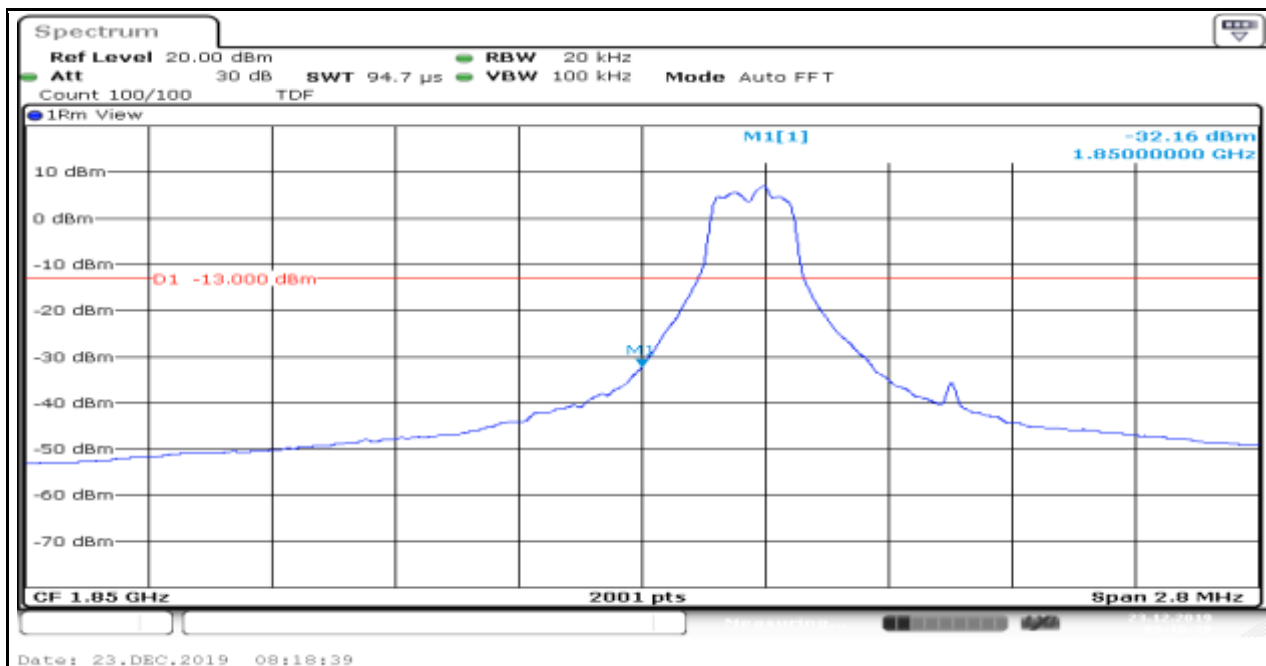
Band25_1.4MHz_QPSK_26683_1_5_Low_-46.55_PASS_



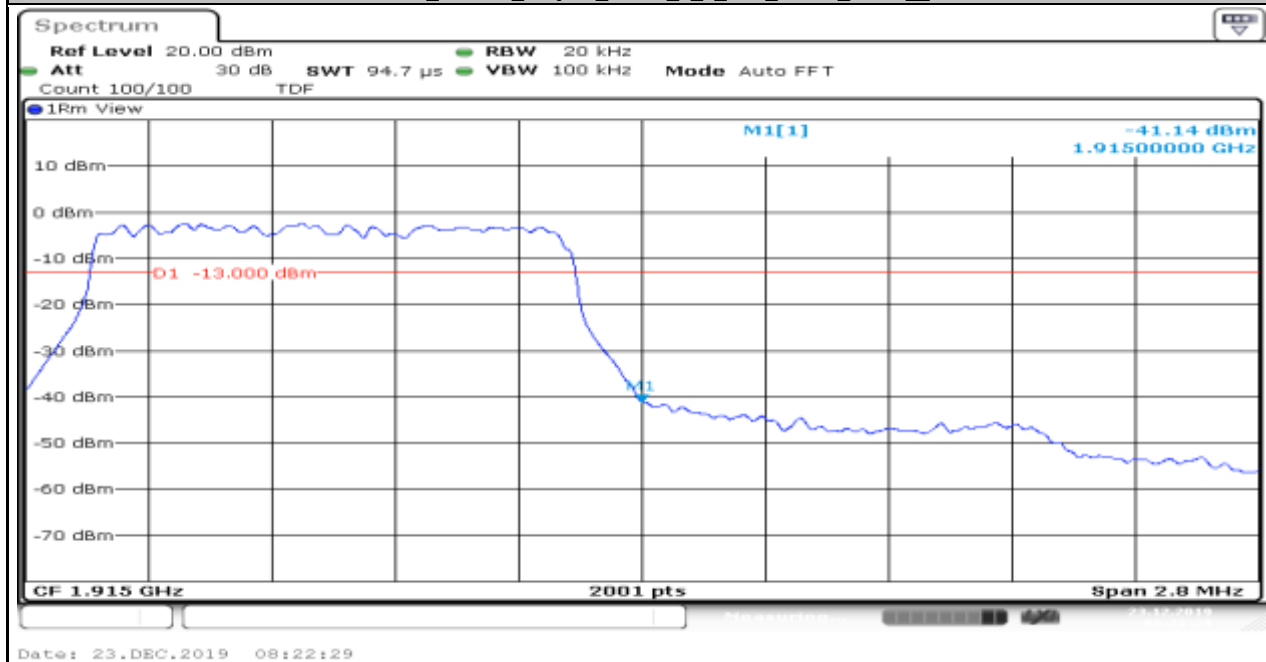
Band25_1.4MHz_16QAM_26047_6_0_Low_-38.92_PASS_



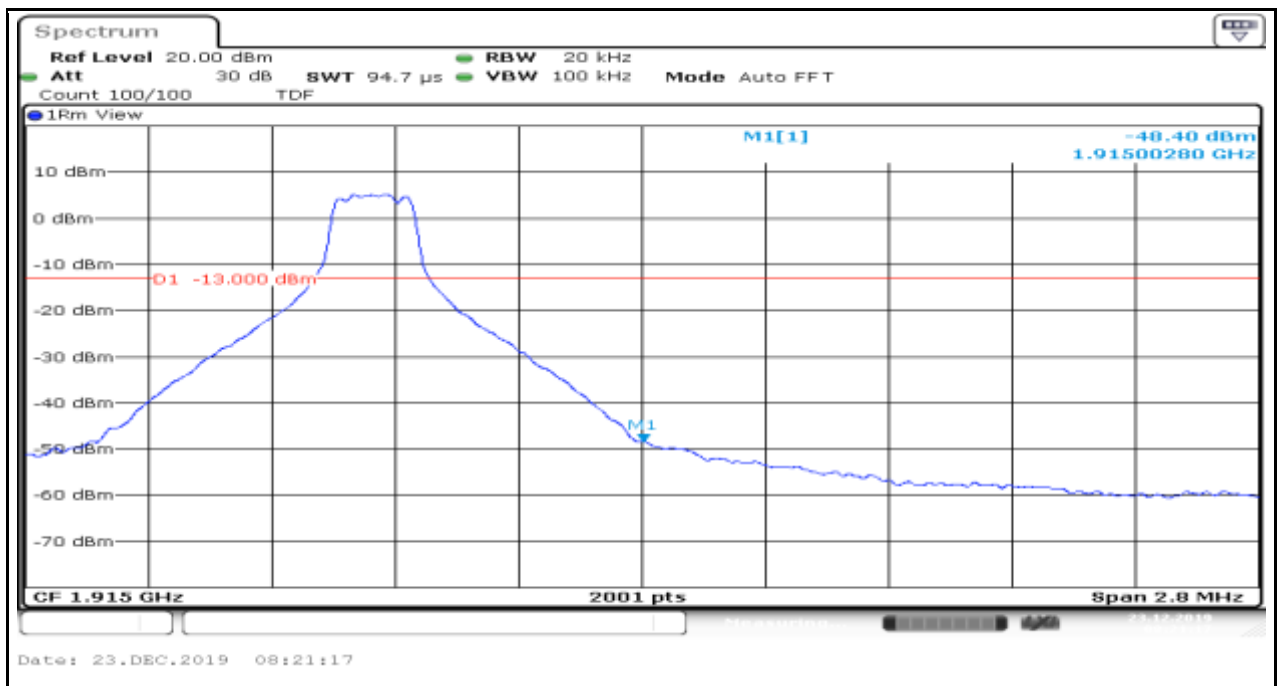
Band25_1.4MHz_16QAM_26047_1_0_Low_-32.16_PASS_



Band25_1.4MHz_16QAM_26683_6_0_Low_-41.14_PASS



Band25_1.4MHz_16QAM_26683_1_5_Low_-48.40_PASS

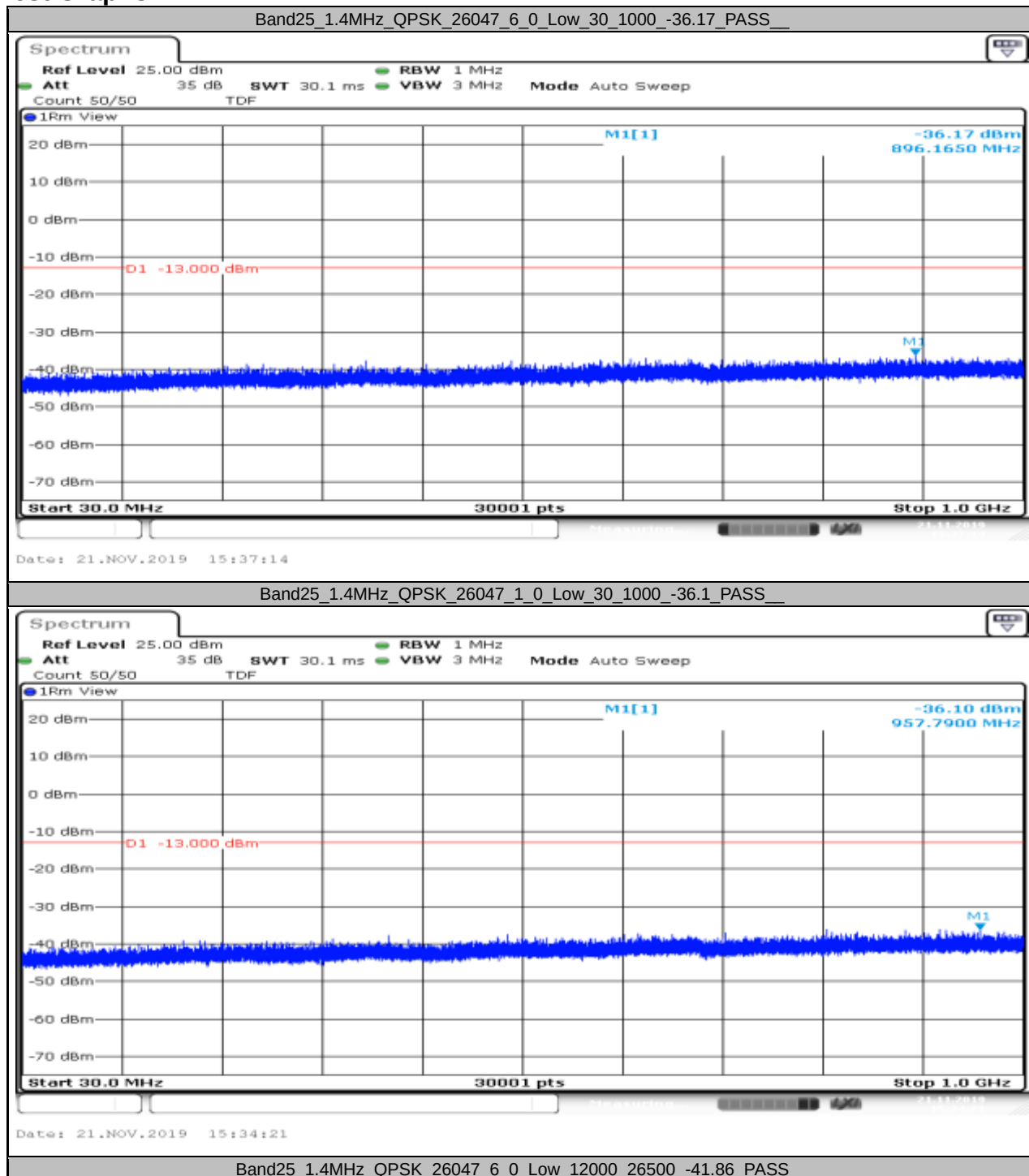


Appendix F.5: Conducted Spurious Emission for M1

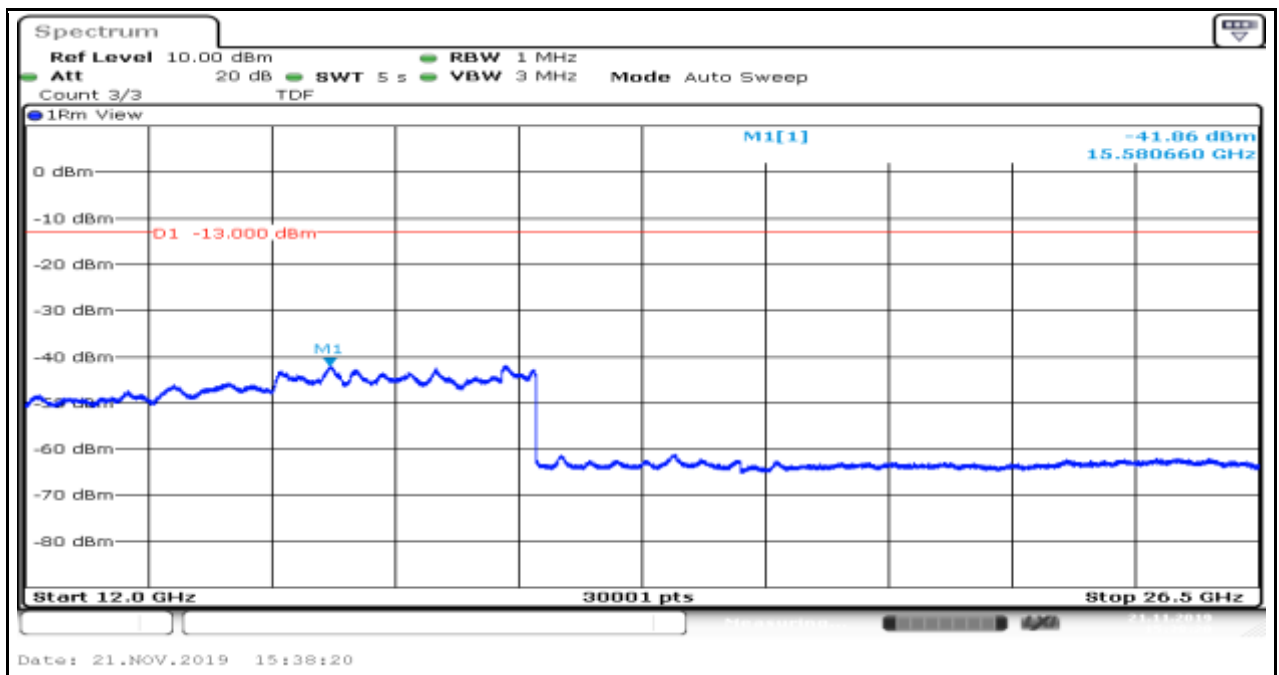
Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Start Freq	Stop Freq	Result (dBm)	Verdict
Band25	1.4MHz	QPSK	26047	6	0	Low	30	1000	-36.17	PASS
Band25	1.4MHz	QPSK	26047	1	0	Low	30	1000	-36.1	PASS
Band25	1.4MHz	QPSK	26047	6	0	Low	12000	26500	-41.86	PASS
Band25	1.4MHz	QPSK	26047	6	0	Low	5000	12000	-47.41	PASS
Band25	1.4MHz	QPSK	26047	6	0	Low	1000	5000	-38.56	PASS
Band25	1.4MHz	QPSK	26047	1	0	Low	12000	26500	-41.91	PASS
Band25	1.4MHz	QPSK	26047	1	0	Low	1000	5000	-32.51	PASS
Band25	1.4MHz	QPSK	26047	1	0	Low	5000	12000	-43.13	PASS
Band25	1.4MHz	QPSK	26365	6	0	Low	12000	26500	-41.89	PASS
Band25	1.4MHz	QPSK	26365	1	0	Low	1000	5000	-33.74	PASS
Band25	1.4MHz	QPSK	26365	1	0	Low	5000	12000	-46.46	PASS
Band25	1.4MHz	QPSK	26365	1	0	Low	12000	26500	-41.91	PASS
Band25	1.4MHz	QPSK	26365	6	0	Low	1000	5000	-38.34	PASS
Band25	1.4MHz	QPSK	26365	1	0	Low	30	1000	-36.26	PASS
Band25	1.4MHz	QPSK	26365	6	0	Low	5000	12000	-47.95	PASS
Band25	1.4MHz	QPSK	26365	6	0	Low	30	1000	-36.02	PASS
Band25	1.4MHz	QPSK	26683	1	5	Low	12000	26500	-41.72	PASS
Band25	1.4MHz	QPSK	26683	6	0	Low	12000	26500	-41.79	PASS
Band25	1.4MHz	QPSK	26683	6	0	Low	5000	12000	-47.81	PASS
Band25	1.4MHz	QPSK	26683	6	0	Low	30	1000	-36.02	PASS
Band25	1.4MHz	QPSK	26683	1	5	Low	1000	5000	-33.53	PASS
Band25	1.4MHz	QPSK	26683	1	5	Low	5000	12000	-47.82	PASS
Band25	1.4MHz	QPSK	26683	1	5	Low	30	1000	-36.27	PASS
Band25	1.4MHz	QPSK	26683	6	0	Low	1000	5000	-38.39	PASS
Band25	1.4MHz	16QAM	26047	1	0	Low	1000	5000	-34.66	PASS
Band25	1.4MHz	16QAM	26047	1	0	Low	5000	12000	-44.98	PASS
Band25	1.4MHz	16QAM	26047	1	0	Low	12000	26500	-41.82	PASS
Band25	1.4MHz	16QAM	26047	6	0	Low	12000	26500	-41.91	PASS
Band25	1.4MHz	16QAM	26047	6	0	Low	5000	12000	-47.73	PASS
Band25	1.4MHz	16QAM	26047	6	0	Low	30	1000	-36.17	PASS
Band25	1.4MHz	16QAM	26047	1	0	Low	30	1000	-36.17	PASS
Band25	1.4MHz	16QAM	26047	6	0	Low	1000	5000	-38.47	PASS
Band25	1.4MHz	16QAM	26365	6	0	Low	12000	26500	-41.7	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	1000	5000	-35.31	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	12000	26500	-41.83	PASS
Band25	1.4MHz	16QAM	26365	6	0	Low	30	1000	-35.82	PASS
Band25	1.4MHz	16QAM	26365	6	0	Low	1000	5000	-38.48	PASS
Band25	1.4MHz	16QAM	26365	6	0	Low	5000	12000	-47.8	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	30	1000	-35.37	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	5000	12000	-45.62	PASS
Band25	1.4MHz	16QAM	26683	6	0	Low	5000	12000	-47.67	PASS
Band25	1.4MHz	16QAM	26683	6	0	Low	1000	5000	-38.54	PASS
Band25	1.4MHz	16QAM	26683	6	0	Low	30	1000	-35.76	PASS
Band25	1.4MHz	16QAM	26683	1	5	Low	12000	26500	-41.86	PASS
Band25	1.4MHz	16QAM	26683	1	5	Low	5000	12000	-45.08	PASS
Band25	1.4MHz	16QAM	26683	1	5	Low	30	1000	-36.17	PASS
Band25	1.4MHz	16QAM	26683	6	0	Low	12000	26500	-41.79	PASS
Band25	1.4MHz	16QAM	26683	1	5	Low	1000	5000	-35.55	PASS

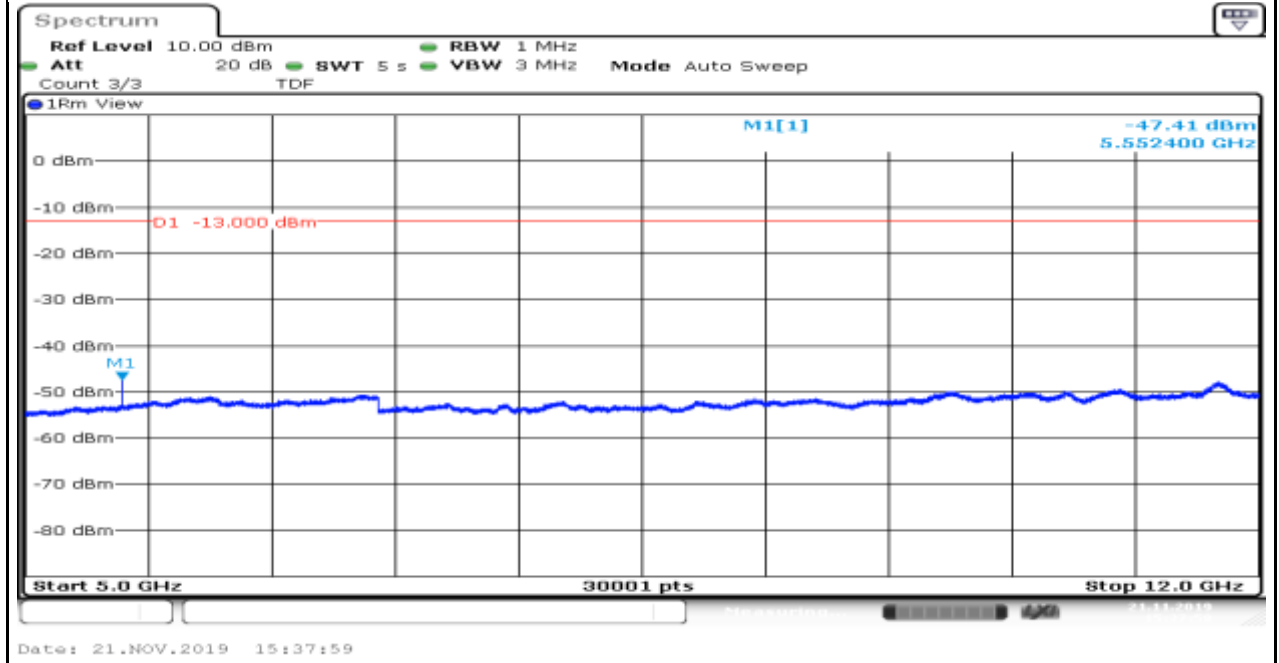
Test Graphs



Produkte
Products

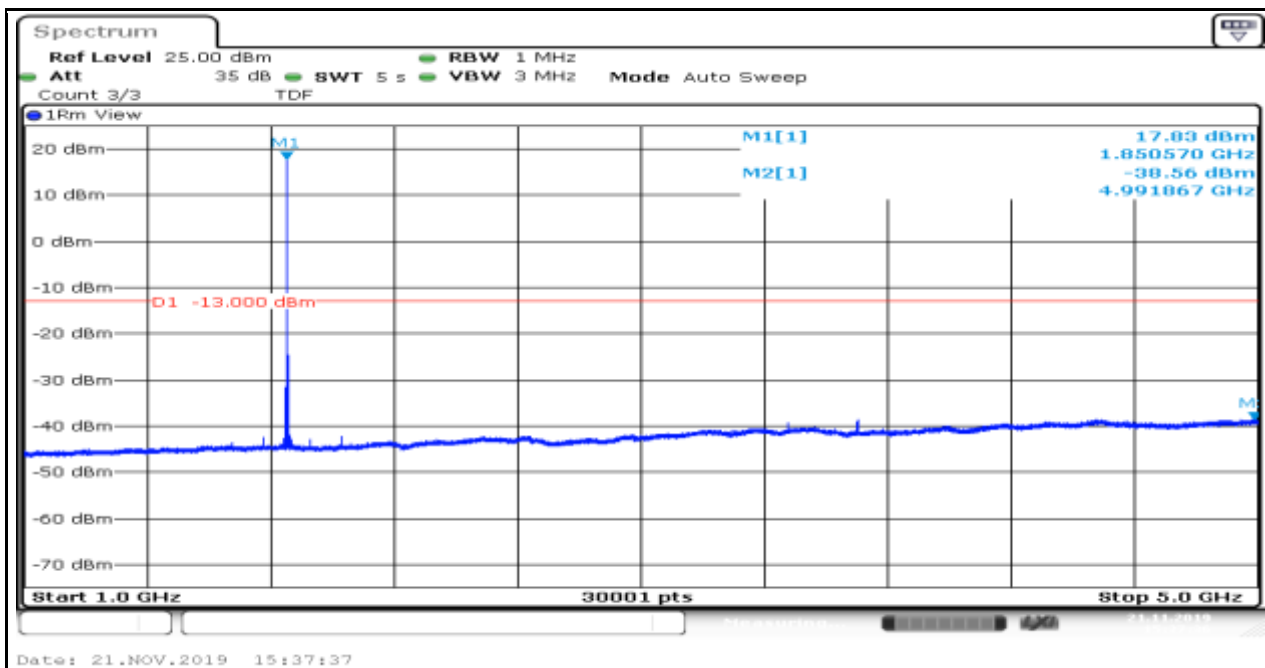


Band25_1.4MHz_QPSK_26047_6_0_Low_5000_12000_-47.41_PASS_

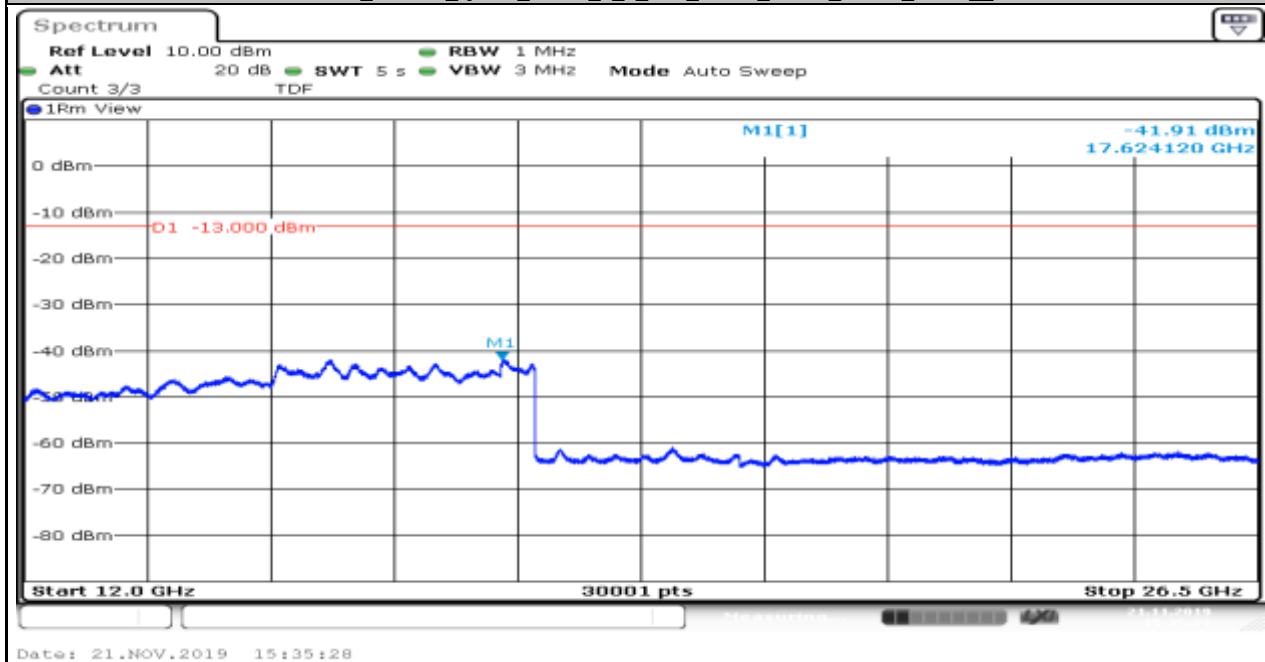


Band25_1.4MHz_QPSK_26047_6_0_Low_1000_5000_-38.56_PASS_

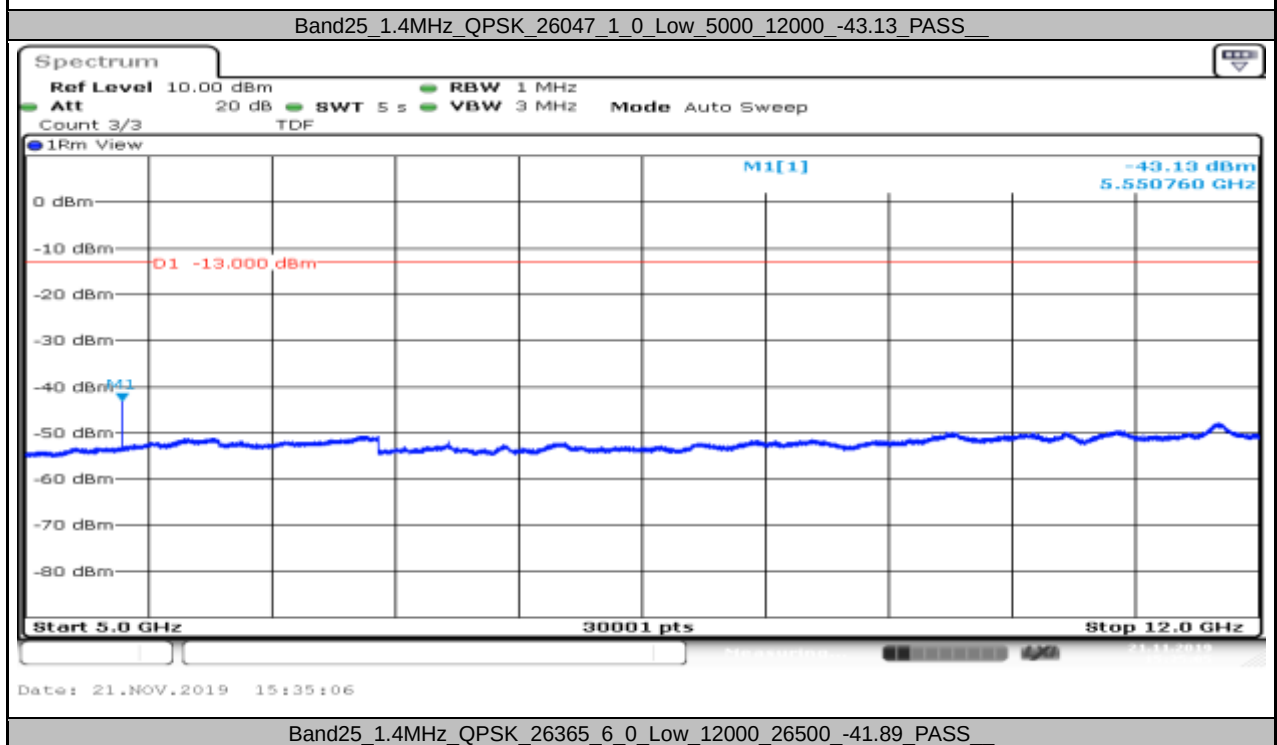
Produkte
Products

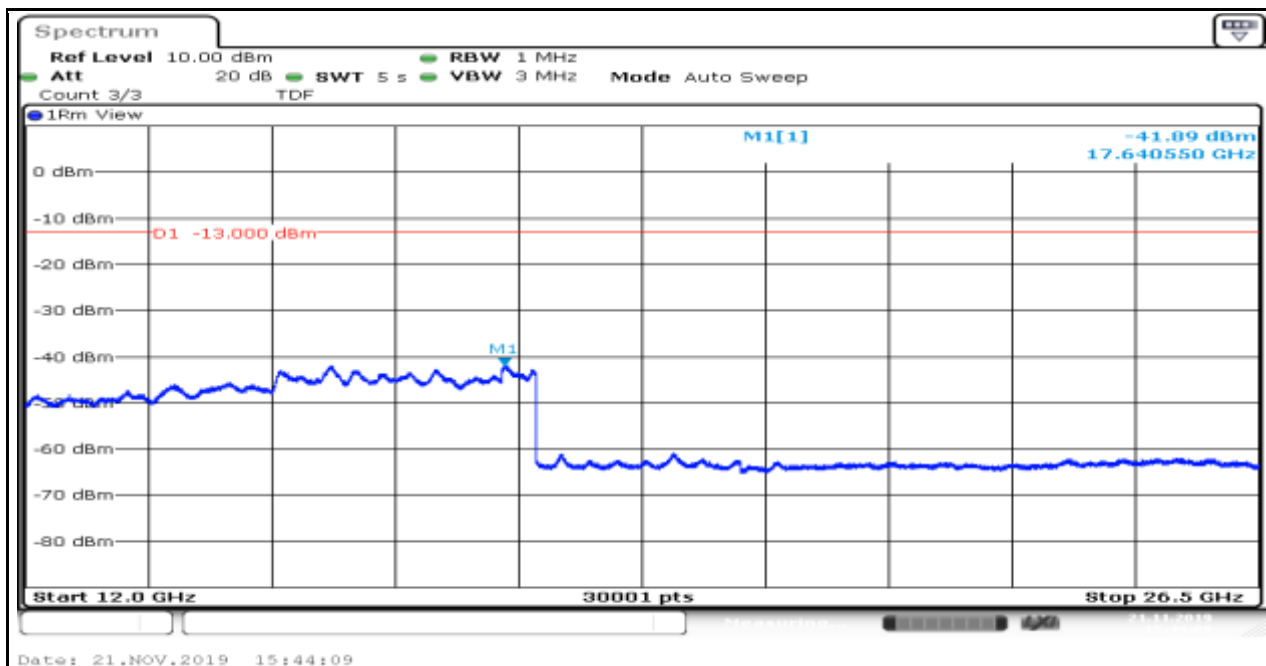


Band25_1.4MHz_QPSK_26047_1_0_Low_12000_26500_-41.91_PASS_

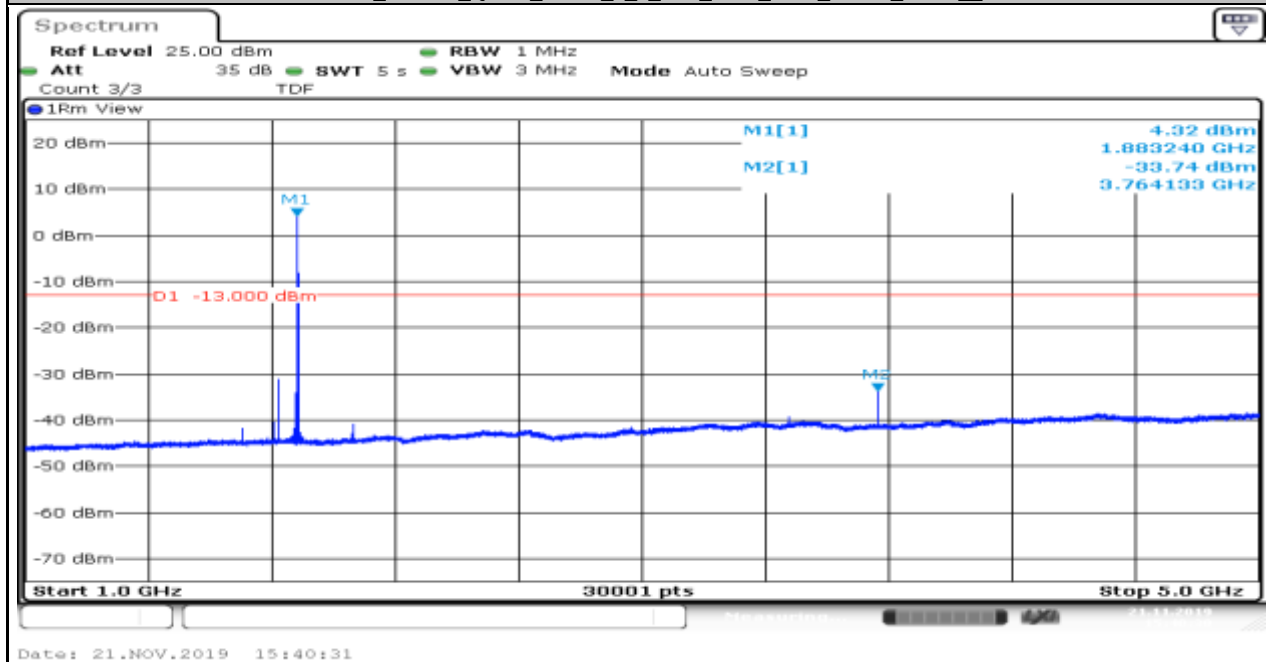


Band25_1.4MHz_QPSK_26047_1_0_Low_1000_5000_-32.51_PASS_



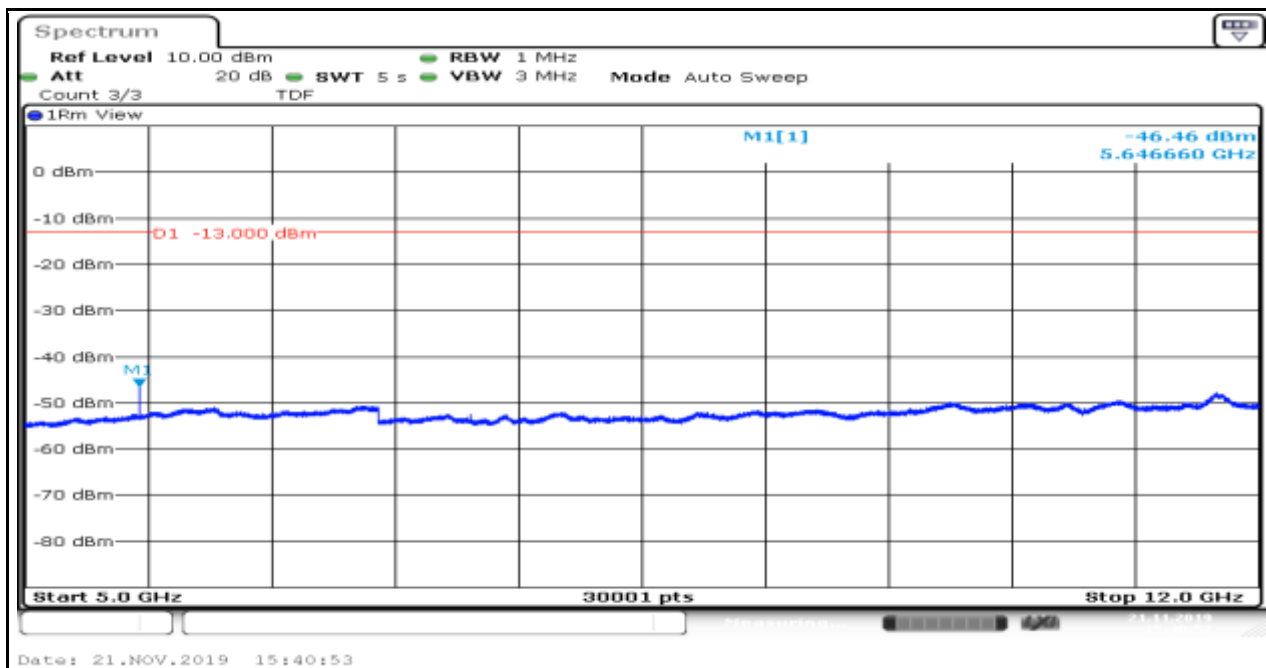


Band25_1.4MHz_QPSK_26365_1_0_Low_1000_5000_-33.74_PASS_

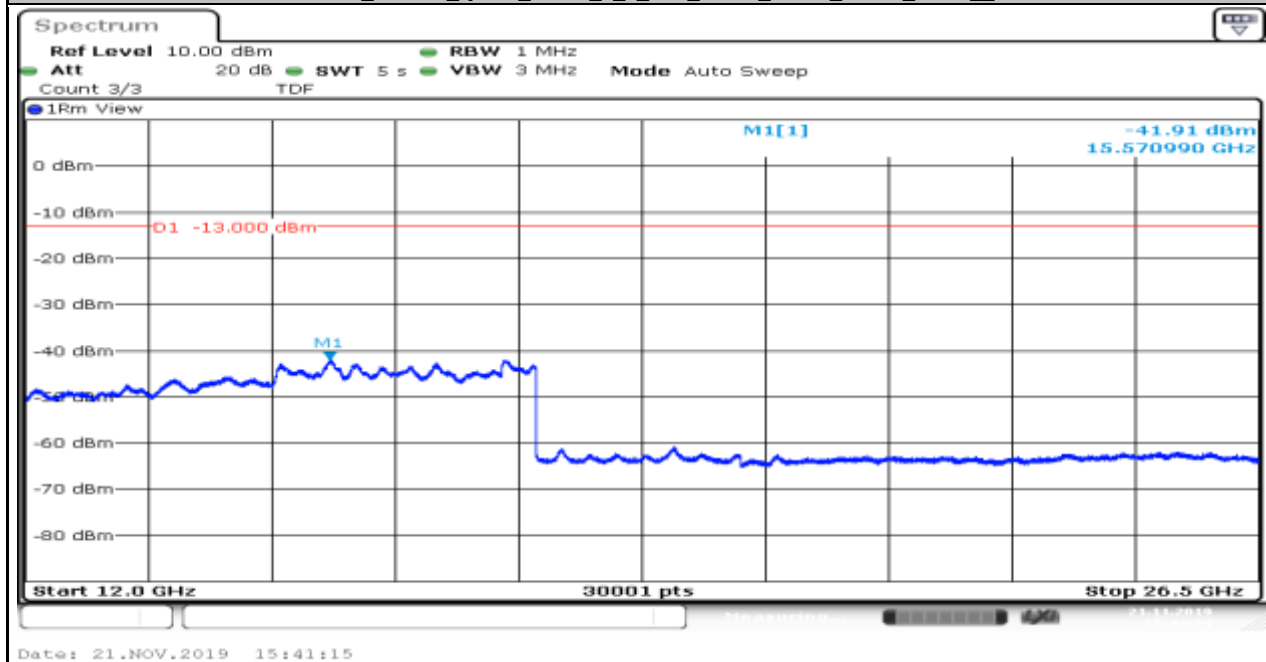


Band25_1.4MHz_QPSK_26365_1_0_Low_5000_12000_-46.46_PASS_

Produkte
Products

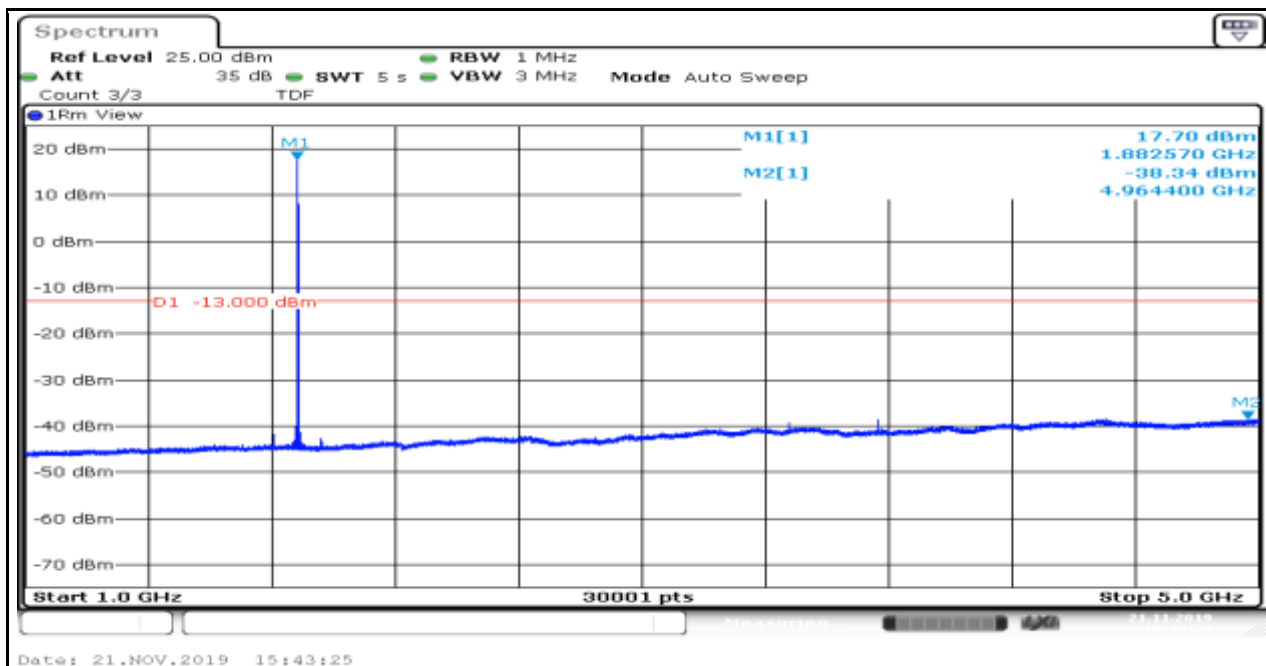


Band25_1.4MHz_QPSK_26365_1_0_Low_12000_26500_-41.91_PASS_

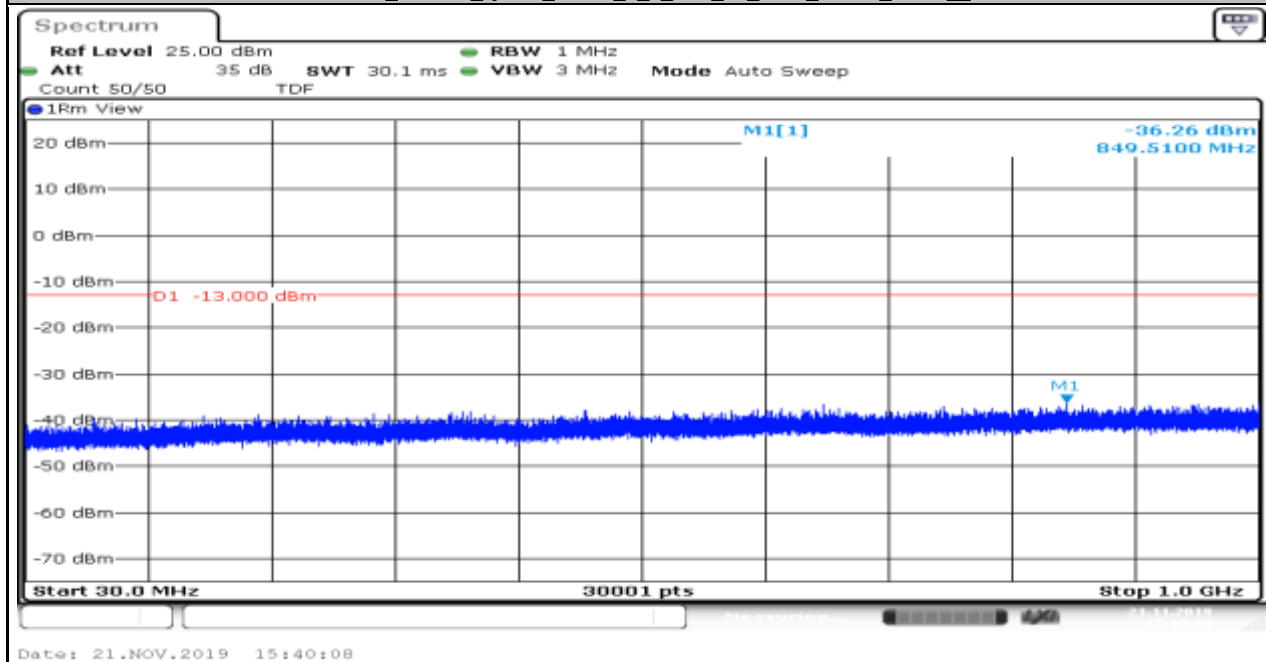


Band25_1.4MHz_QPSK_26365_6_0_Low_1000_5000_-38.34_PASS_

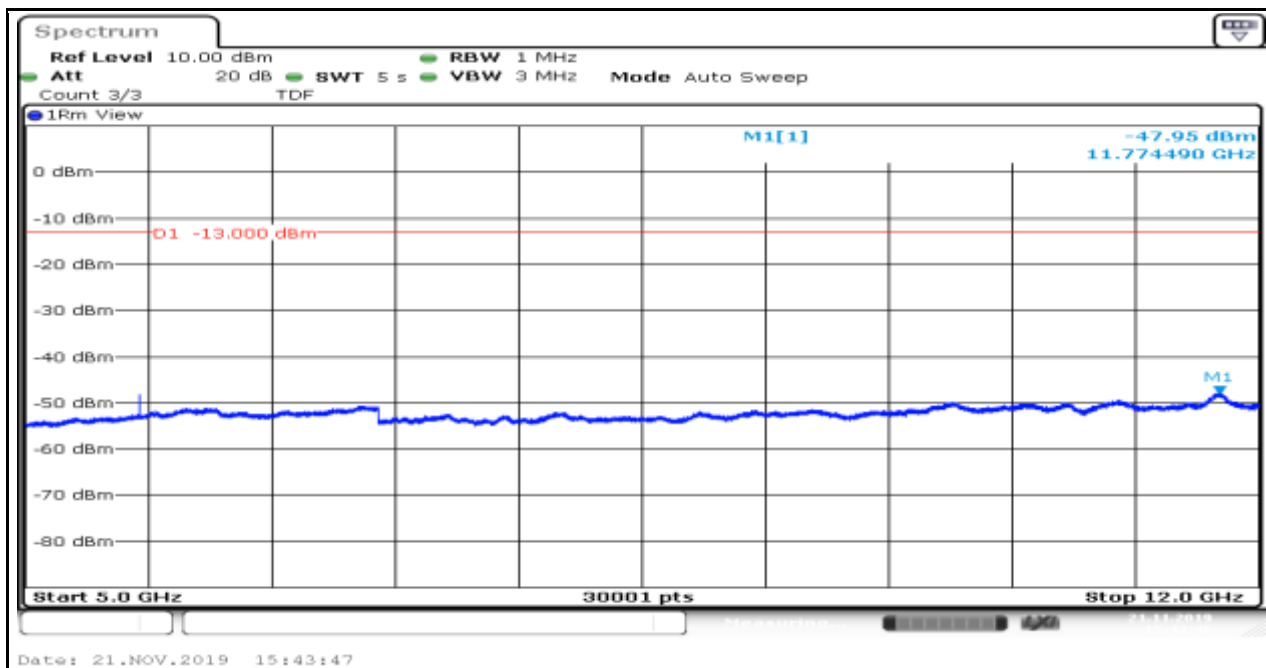
Produkte
Products



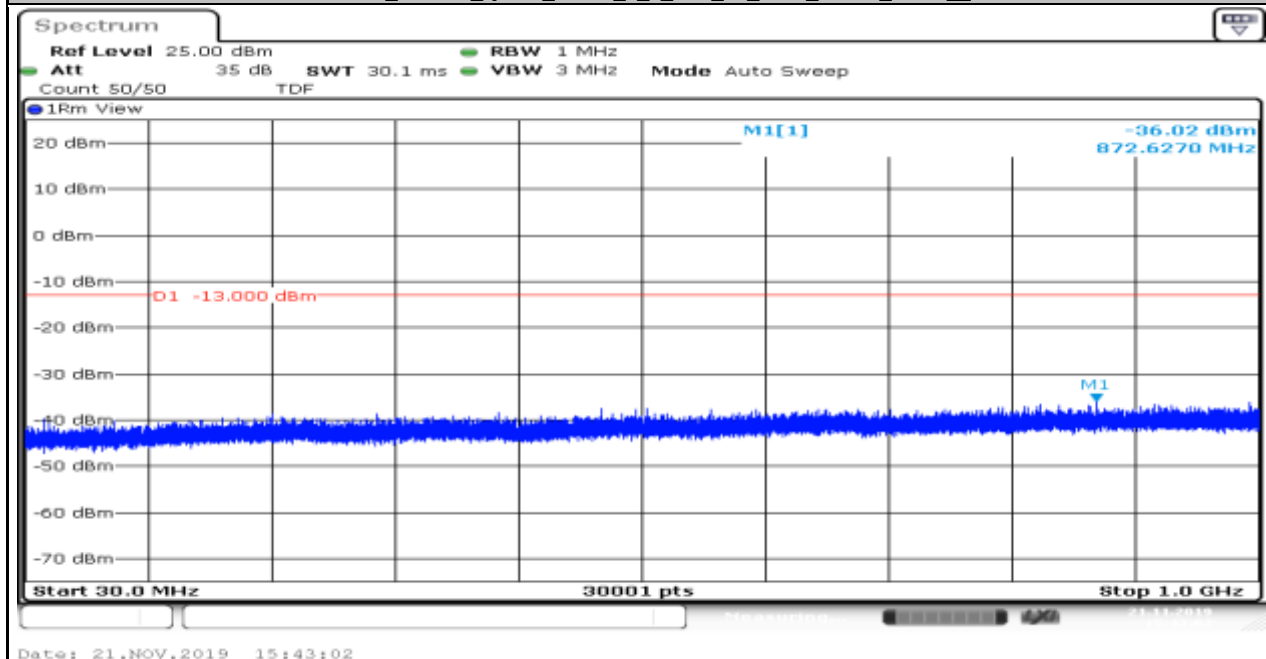
Band25_1.4MHz_QPSK_26365_1_0_Low_30_1000_-36.26_PASS_



Band25_1.4MHz_QPSK_26365_6_0_Low_5000_12000_-47.95_PASS_

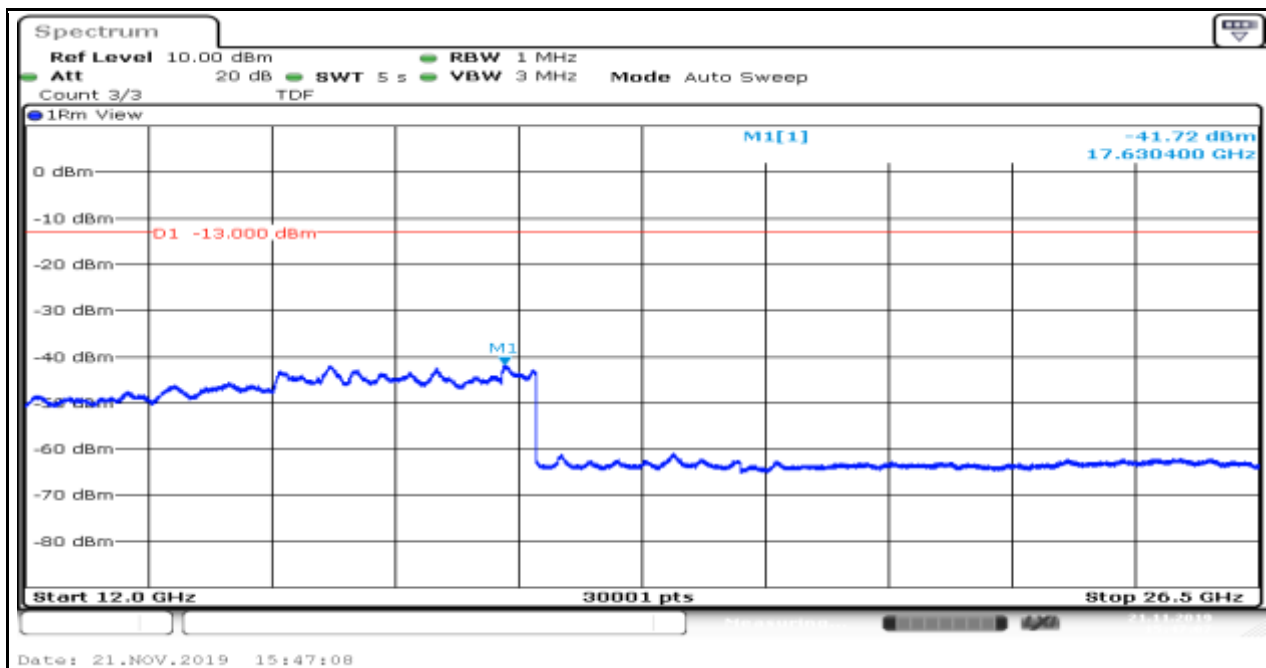


Band25_1.4MHz_QPSK_26365_6_0_Low_30_1000_-36.02_PASS_

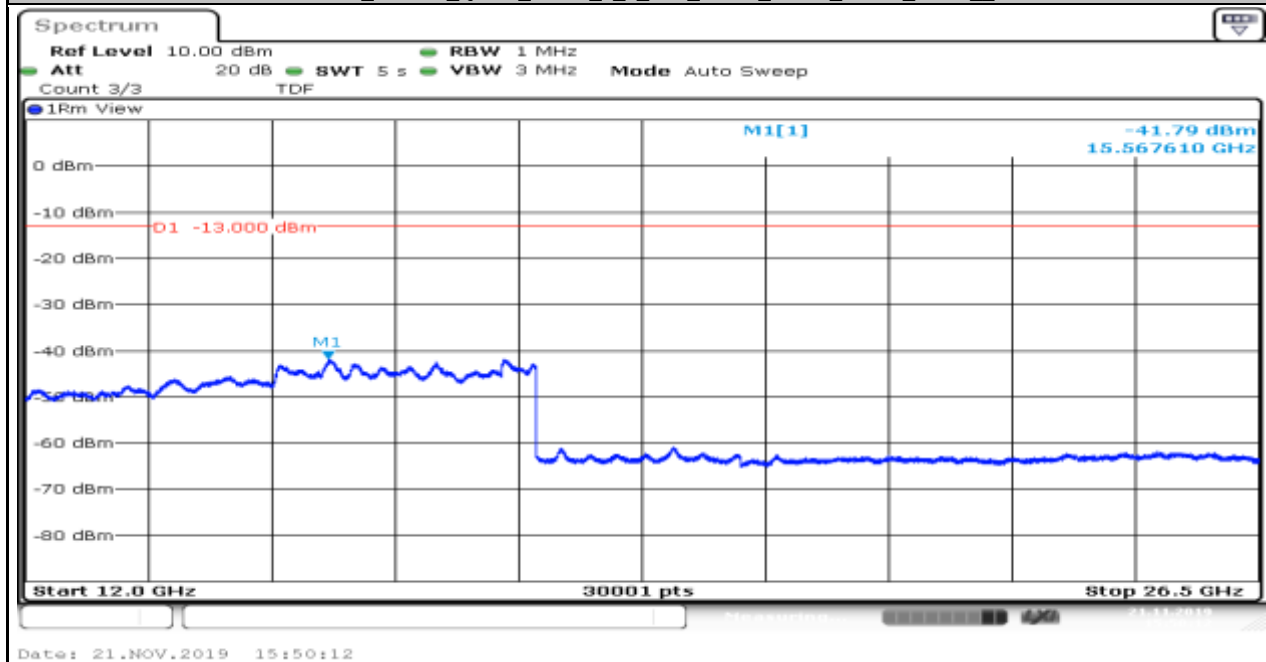


Band25_1.4MHz_QPSK_26683_1_5_Low_12000_26500_-41.72_PASS_

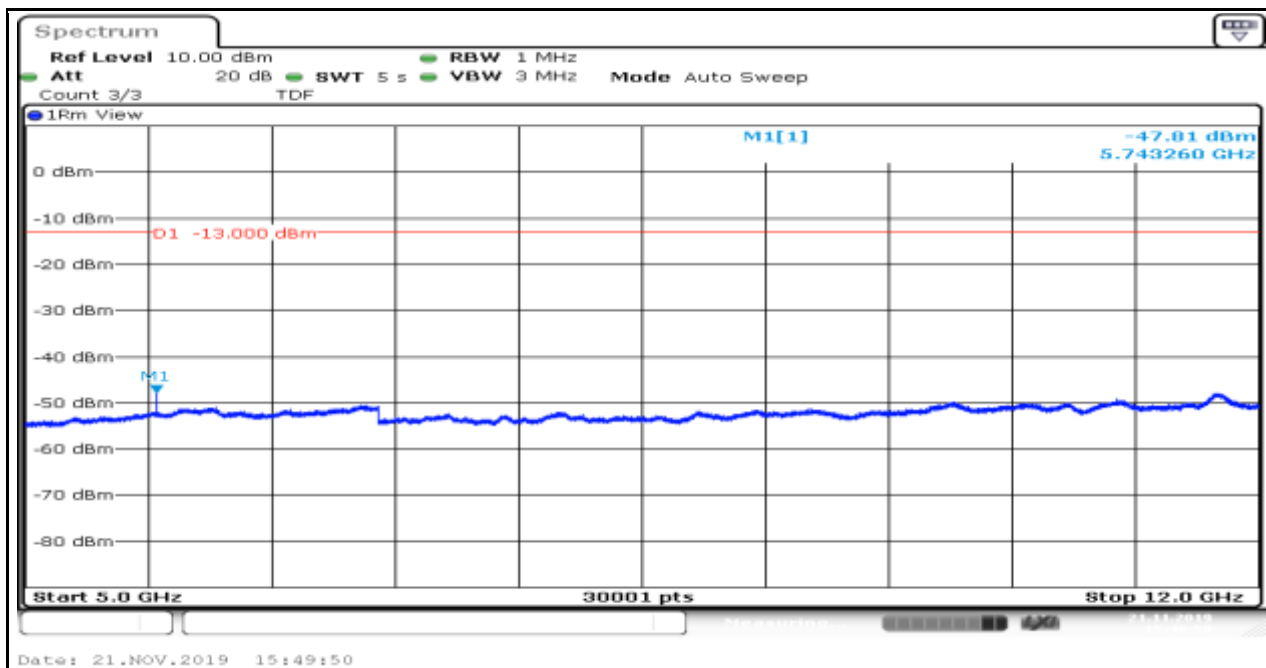
Produkte
Products



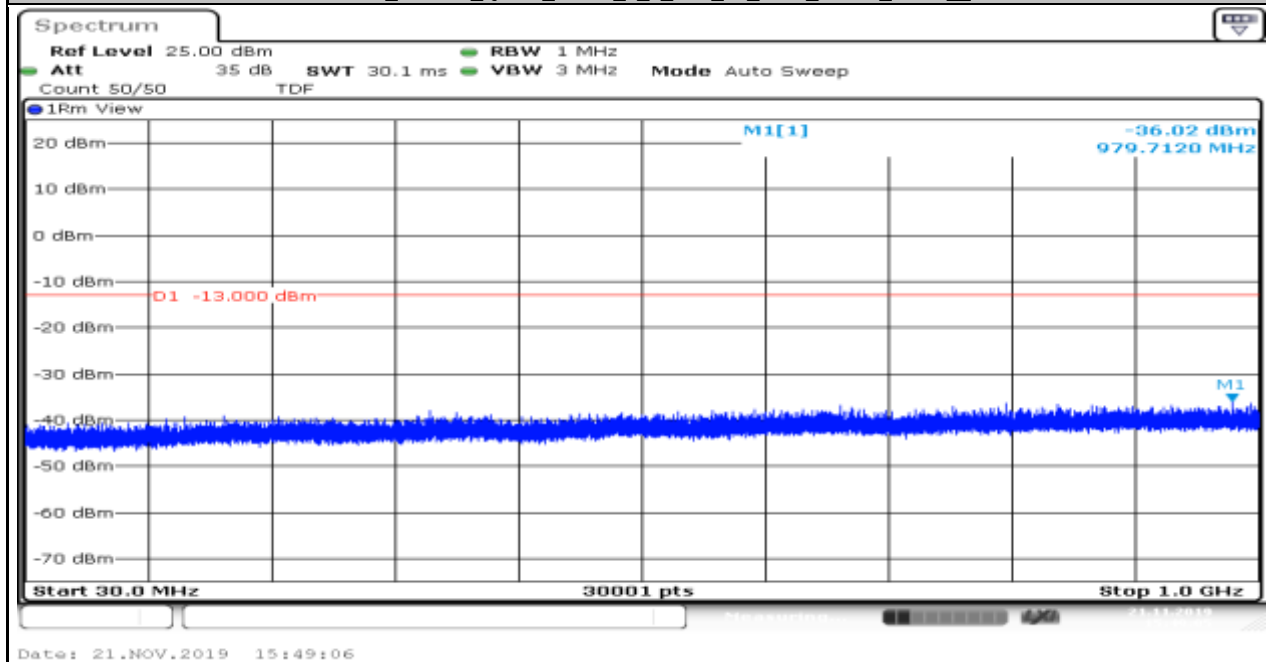
Band25_1.4MHz_QPSK_26683_6_0_Low_12000_26500_-41.79_PASS_



Band25_1.4MHz_QPSK_26683_6_0_Low_5000_12000_-47.81_PASS_

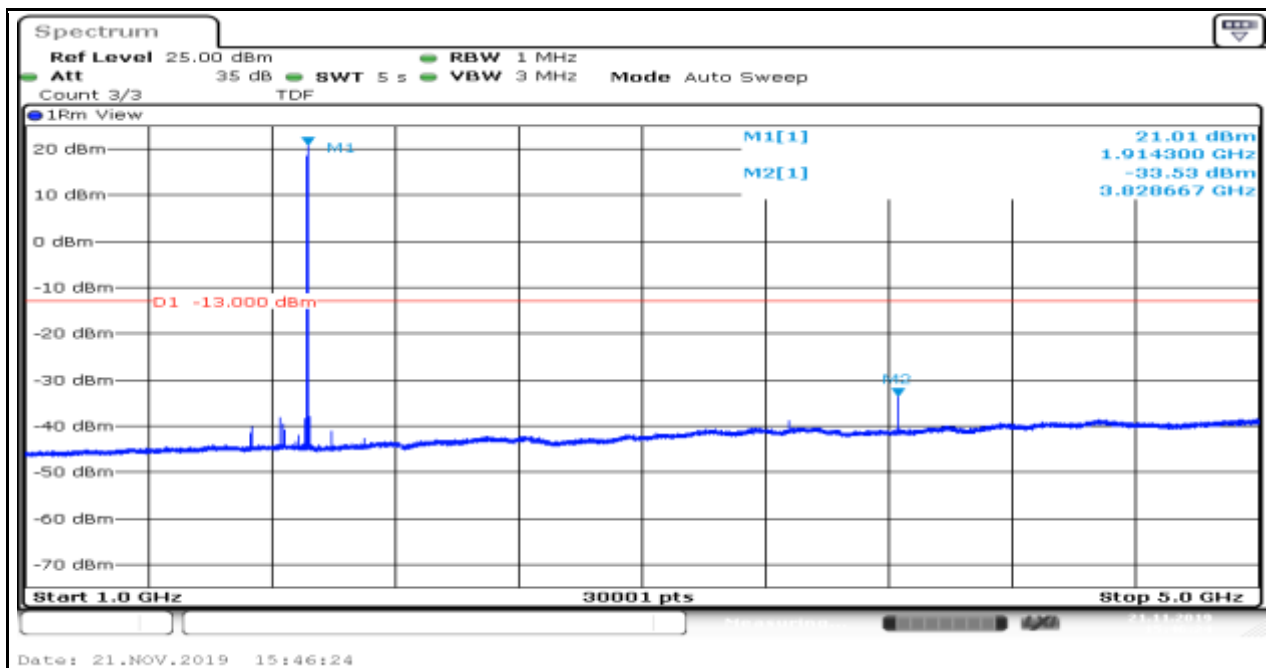


Band25_1.4MHz_QPSK_26683_6_0_Low_30_1000_-36.02_PASS_

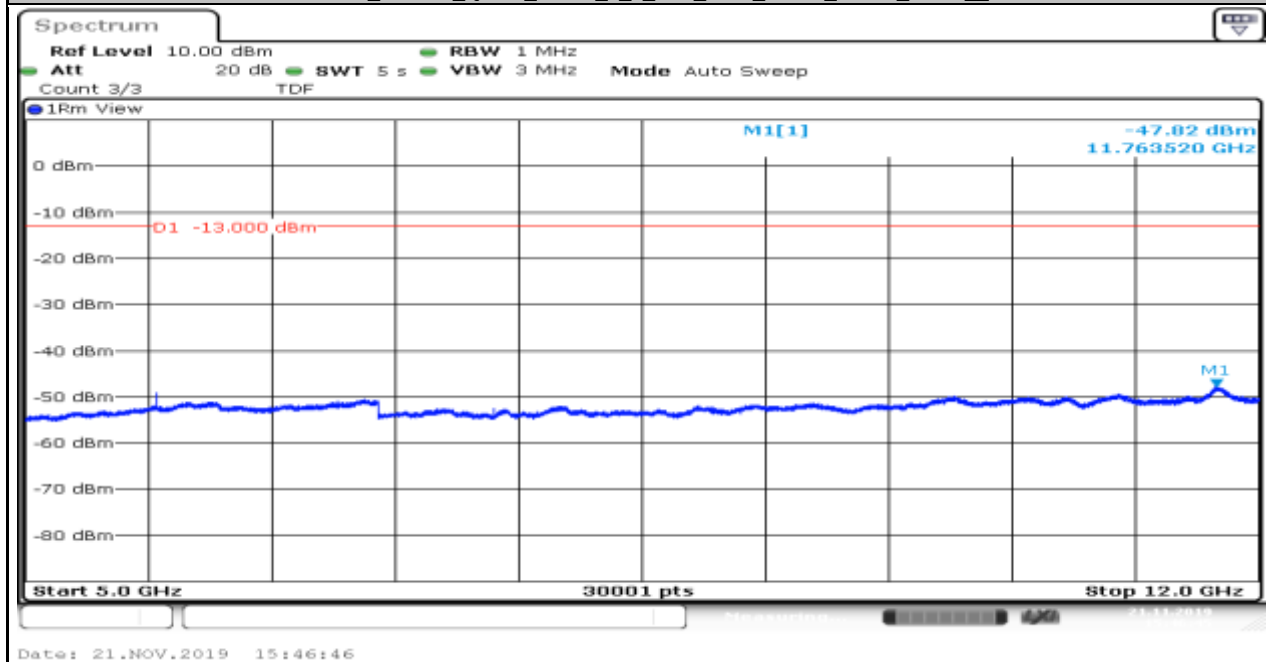


Band25_1.4MHz_QPSK_26683_1_5_Low_1000_5000_-33.53_PASS_

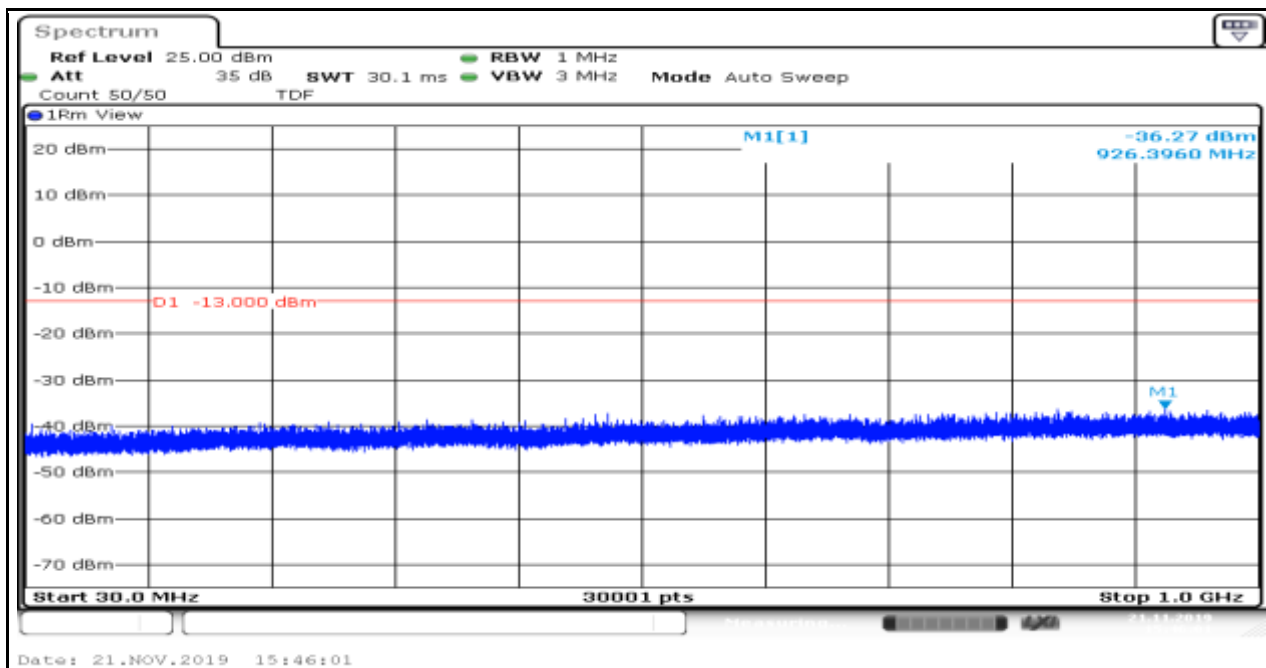
Produkte
Products



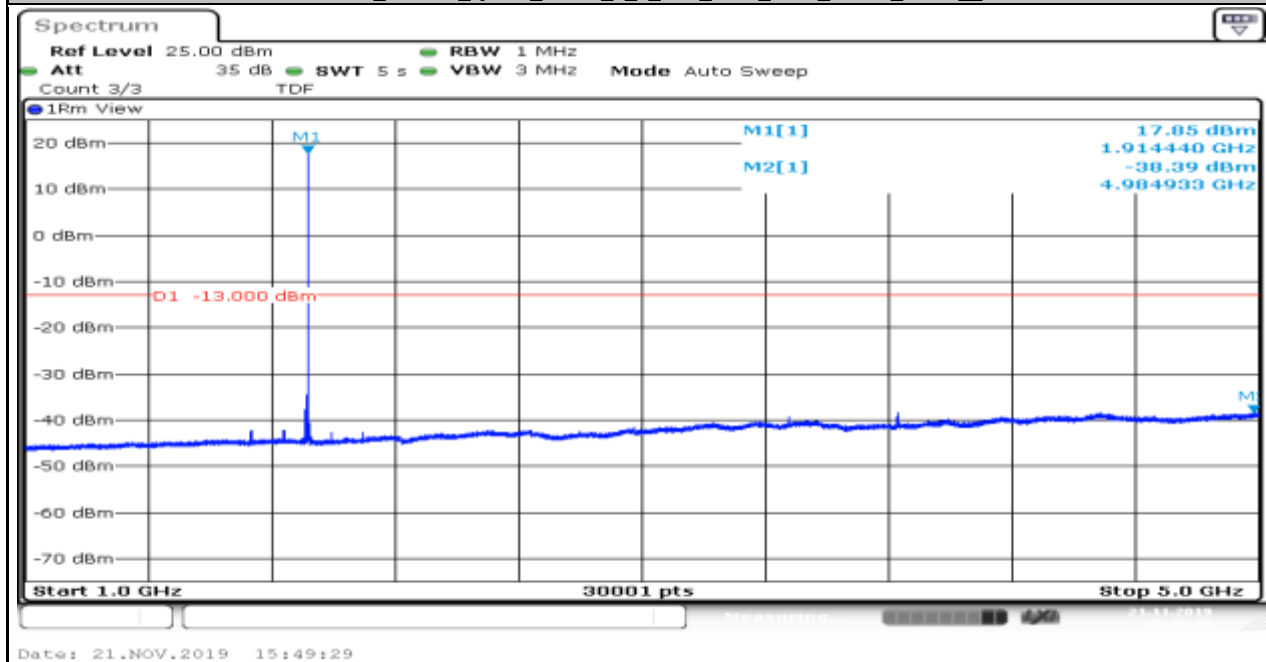
Band25_1.4MHz_QPSK_26683_1_5_Low_5000_12000_-47.82_PASS_



Band25_1.4MHz_QPSK_26683_1_5_Low_30_1000_-36.27_PASS_

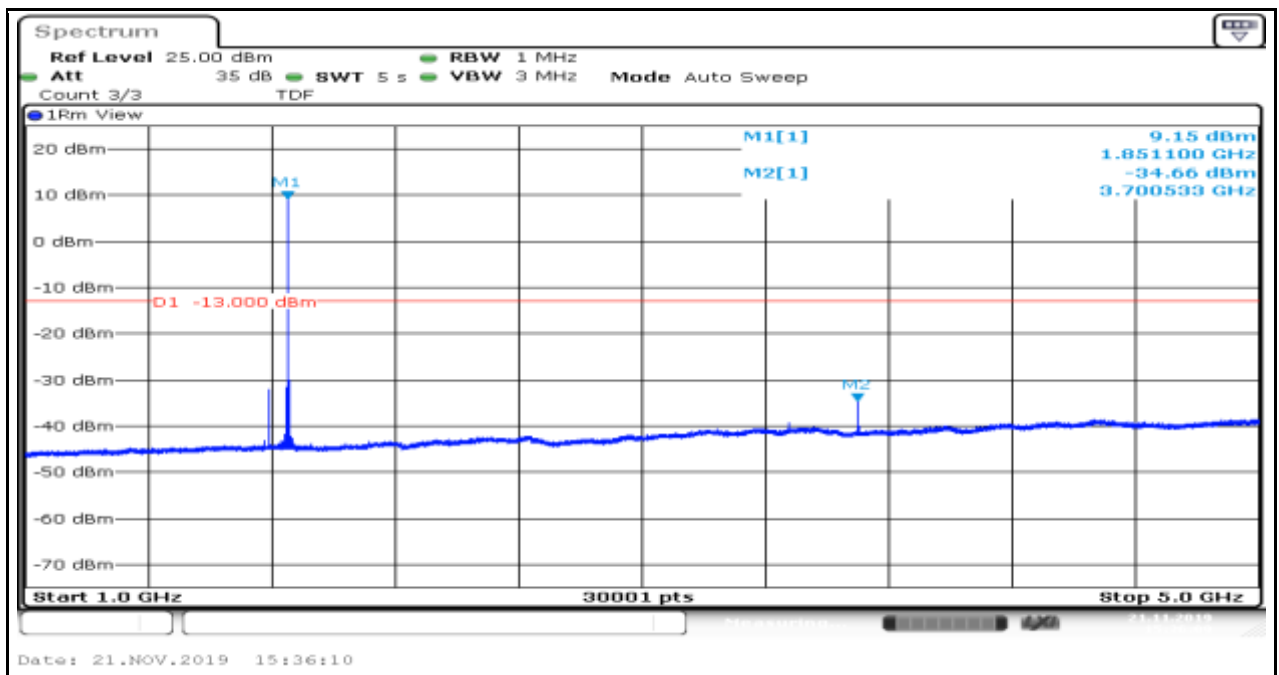


Band25_1.4MHz_QPSK_26683_6_0_Low_1000_5000_-38.39_PASS_

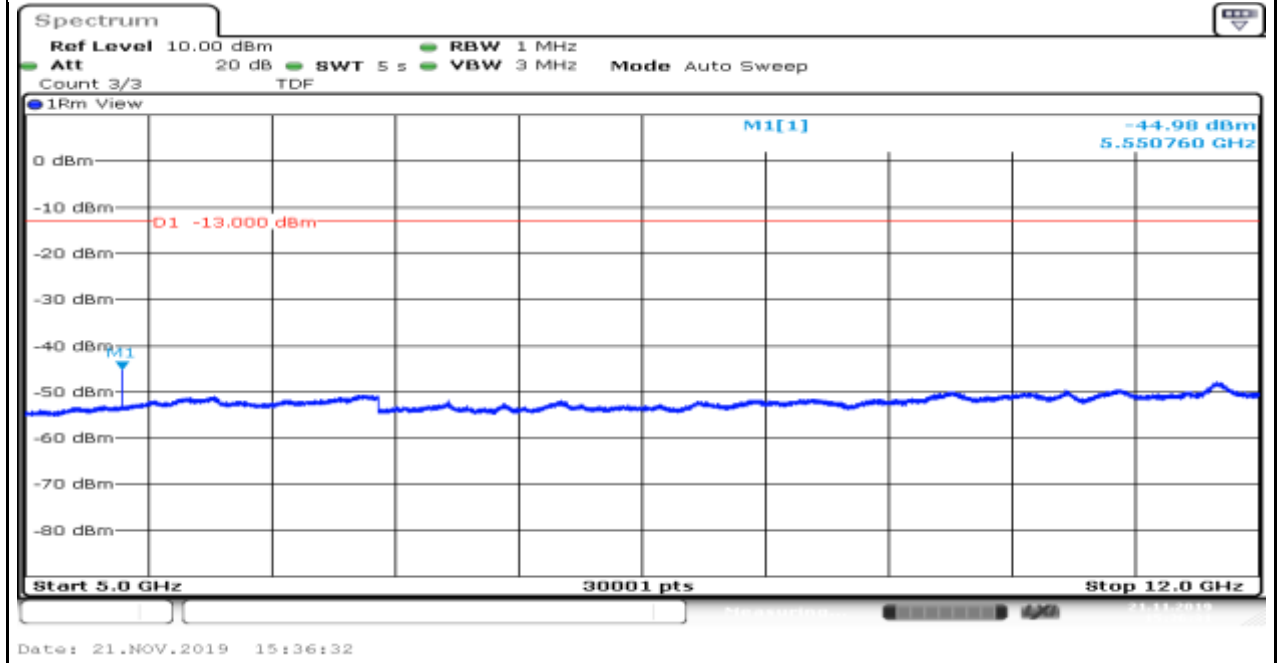


Band25_1.4MHz_16QAM_26047_1_0_Low_1000_5000_-34.66_PASS_

Produkte
Products

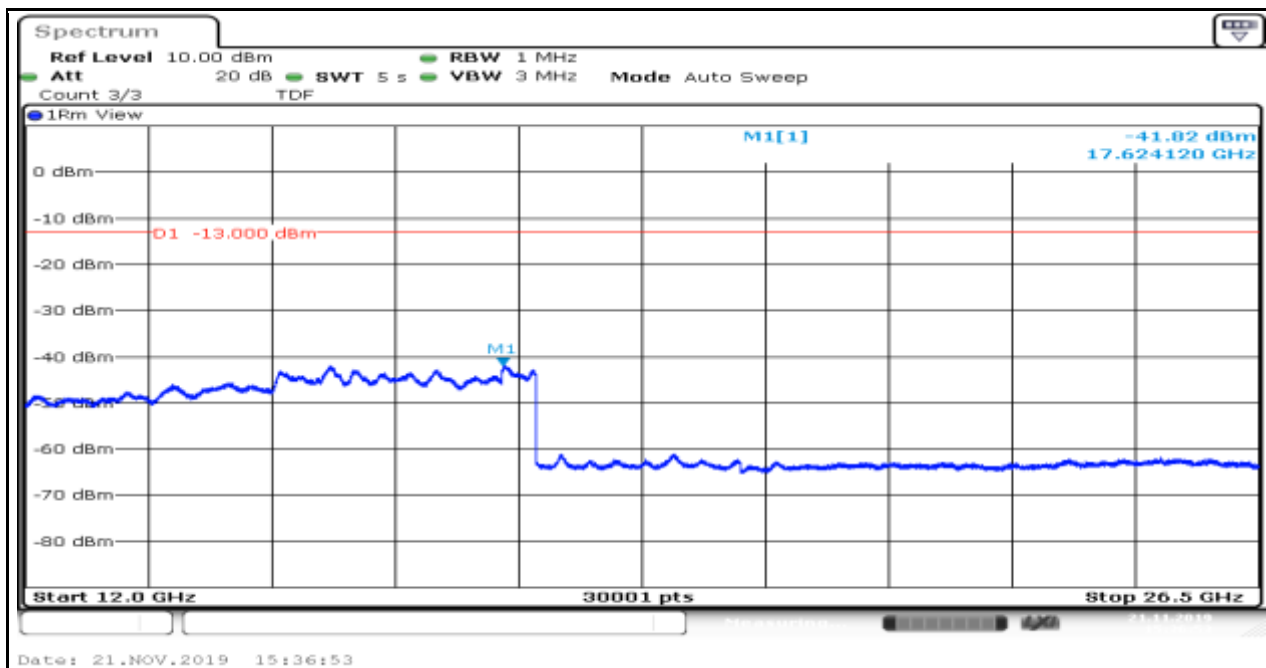


Band25_1.4MHz_16QAM_26047_1_0_Low_5000_12000_-44.98_PASS_

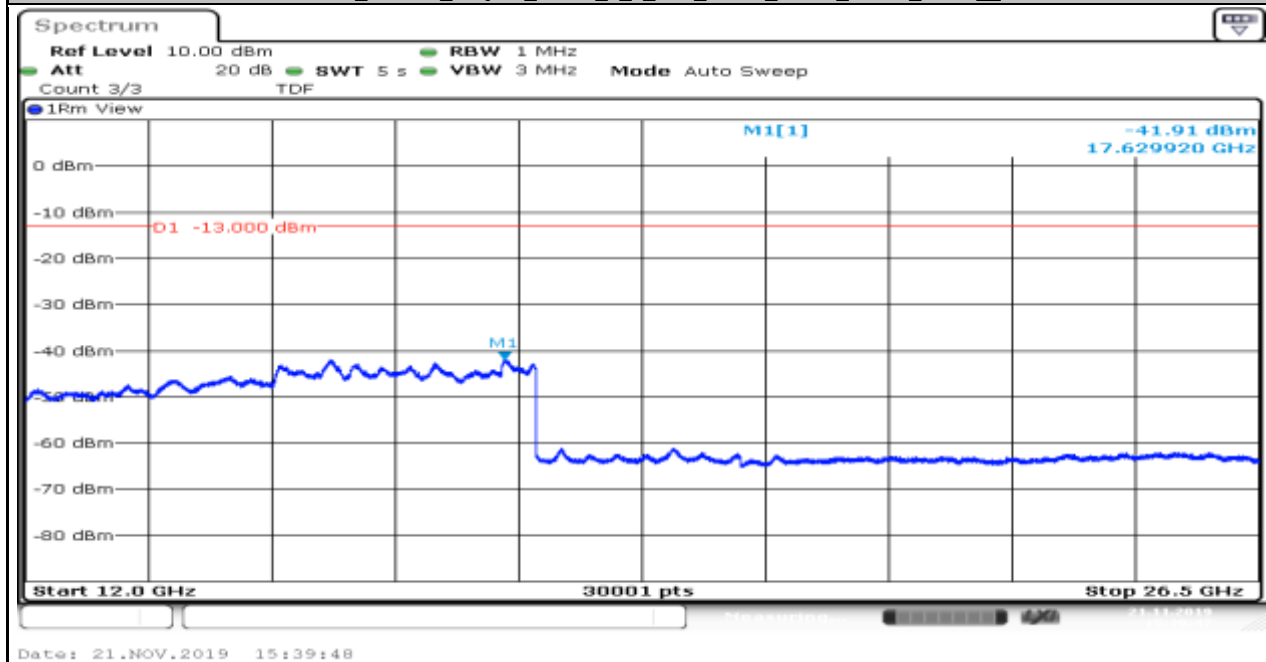


Band25_1.4MHz_16QAM_26047_1_0_Low_12000_26500_-41.82_PASS_

Produkte
Products

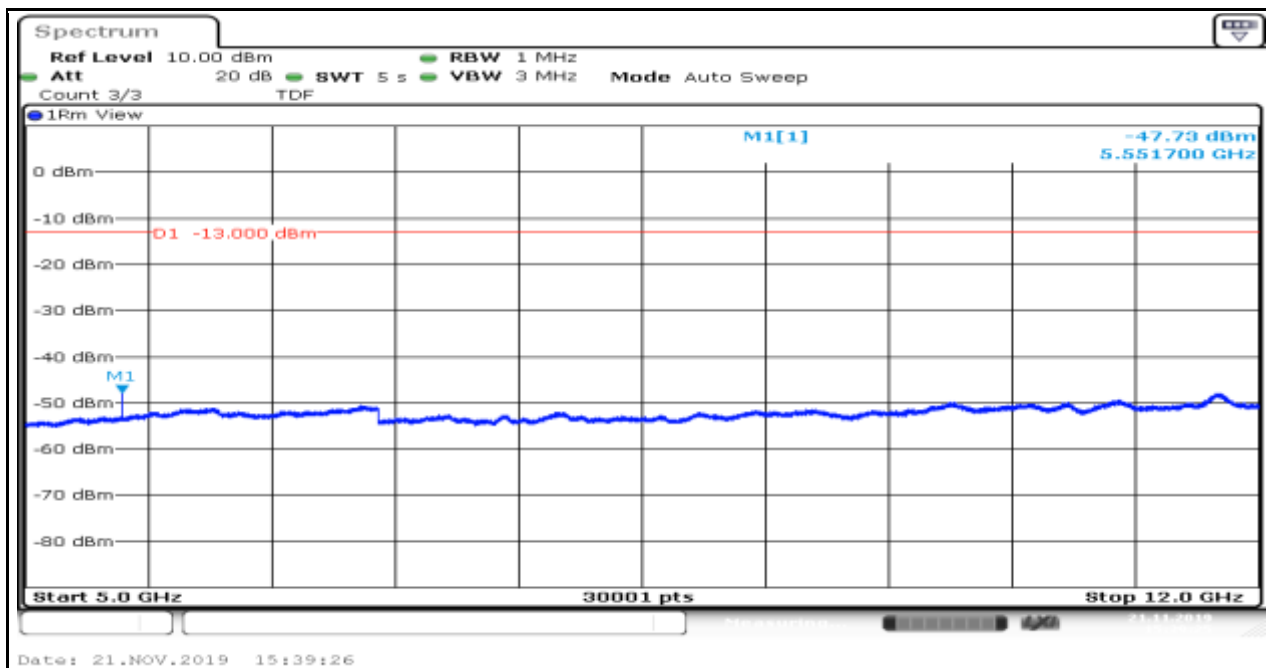


Band25_1.4MHz_16QAM_26047_6_0_Low_12000_26500_-41.91_PASS_

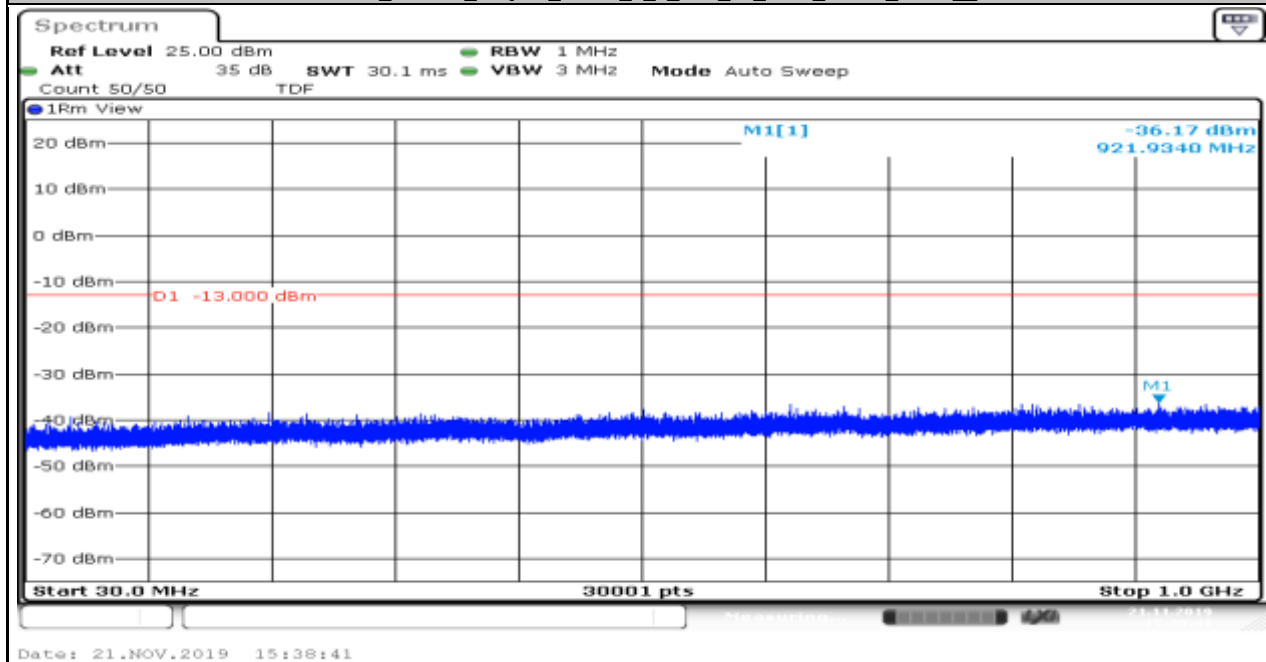


Band25_1.4MHz_16QAM_26047_6_0_Low_5000_12000_-47.73_PASS_

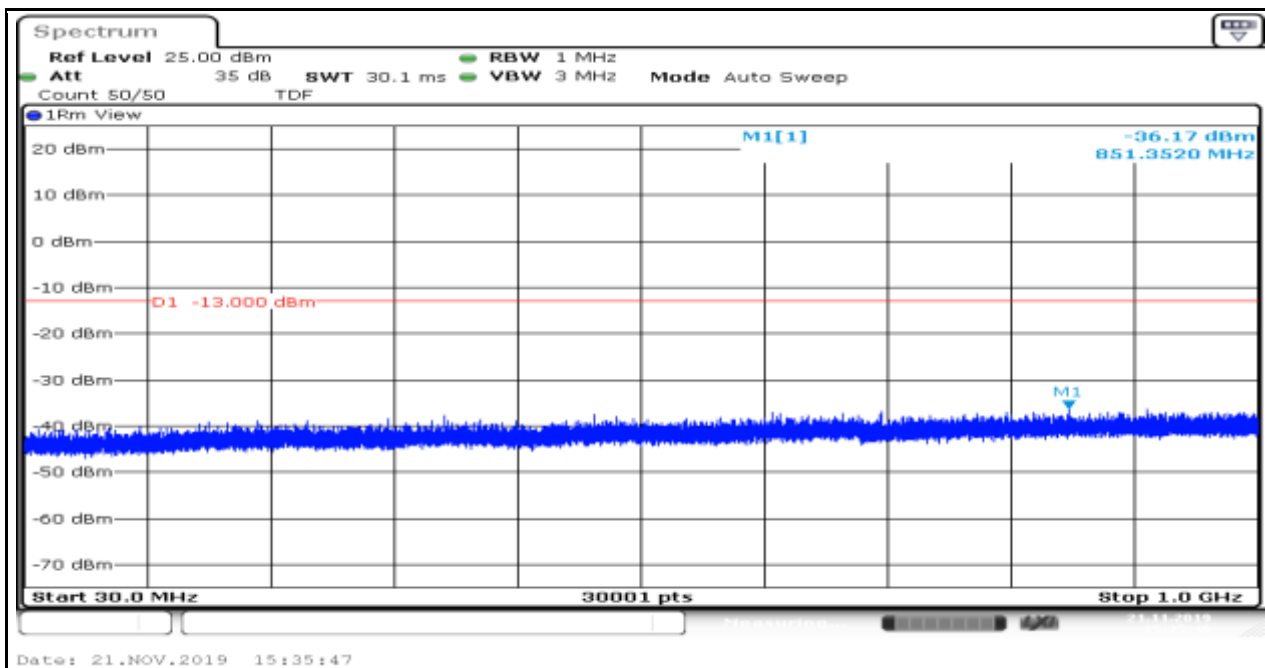
Produkte
Products



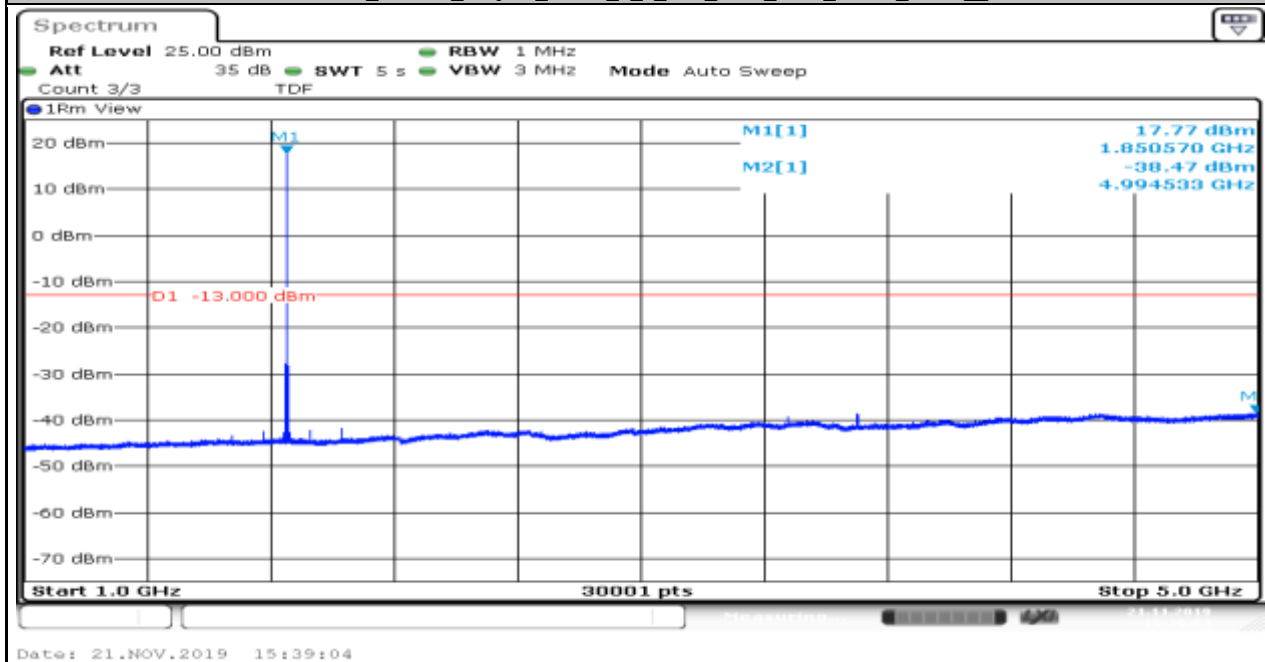
Band25_1.4MHz_16QAM_26047_6_0_Low_30_1000_-36.17_PASS



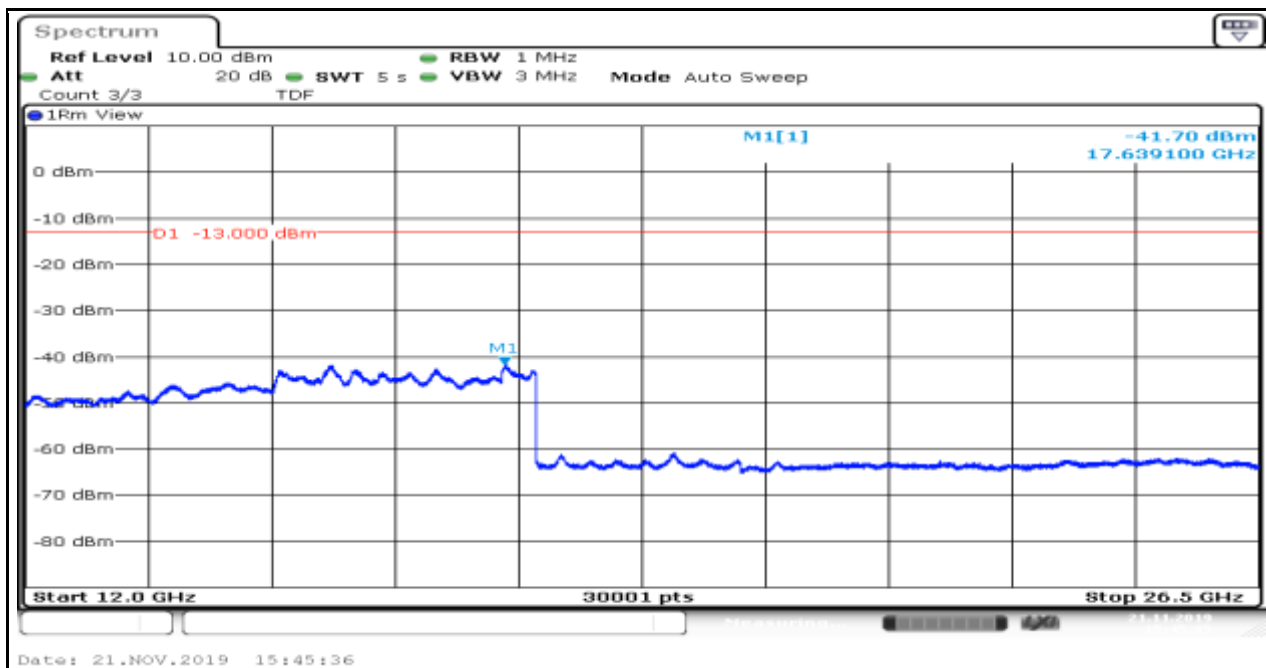
Band25_1.4MHz_16QAM_26047_1_0_Low_30_1000_-36.17_PASS



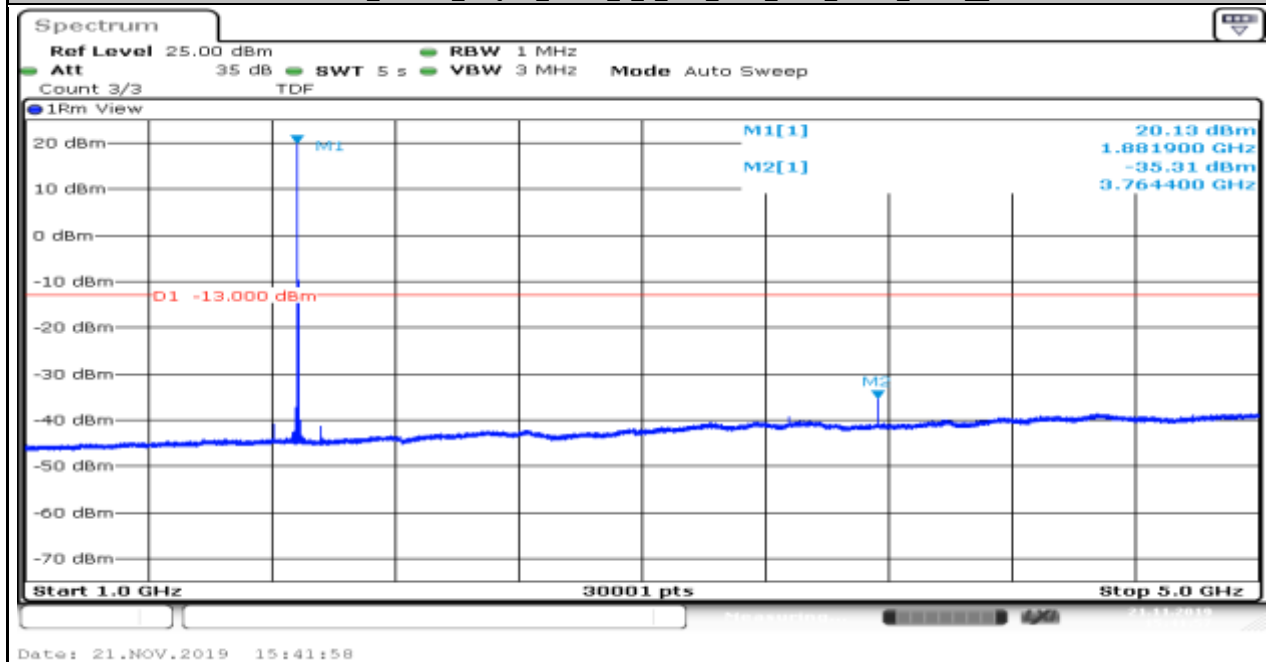
Band25_1.4MHz_16QAM_26047_6_0_Low_1000_5000_-38.47_PASS_



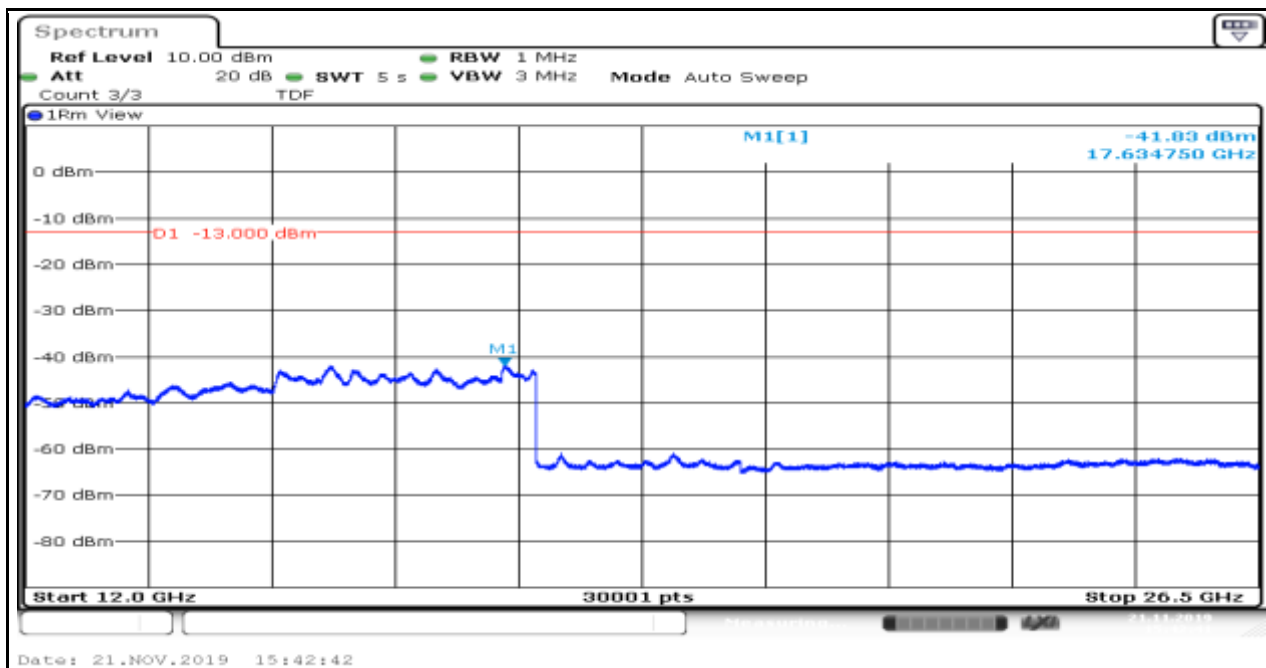
Band25_1.4MHz_16QAM_26365_6_0_Low_12000_26500_-41.7_PASS_



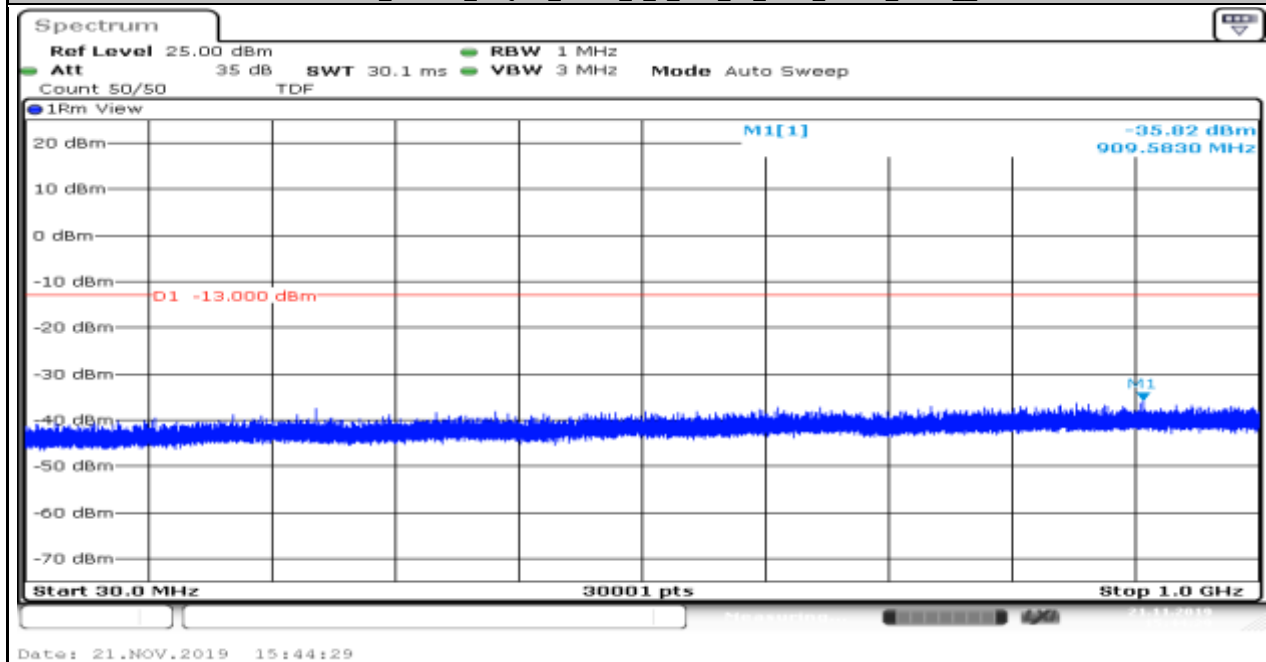
Band25_1.4MHz_16QAM_26365_1_0_Low_1000_5000_-35.31_PASS_



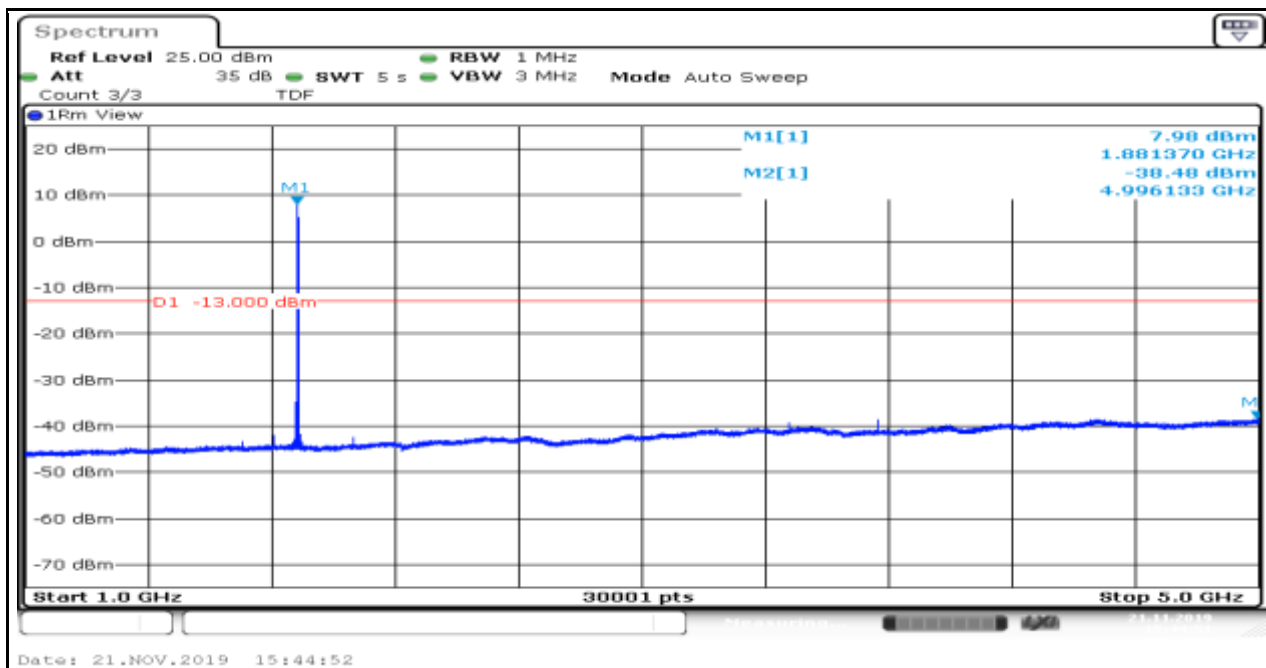
Band25_1.4MHz_16QAM_26365_1_0_Low_12000_26500_-41.83_PASS_



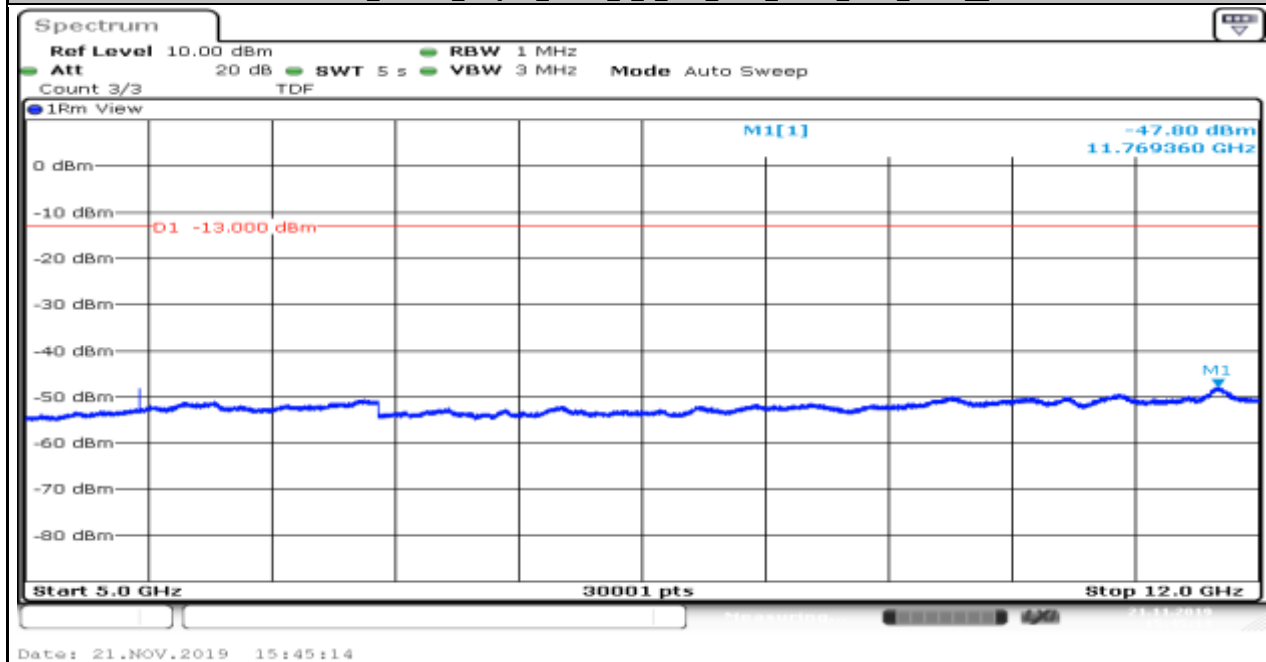
Band25_1.4MHz_16QAM_26365_6_0_Low_30_1000_-35.82_PASS_



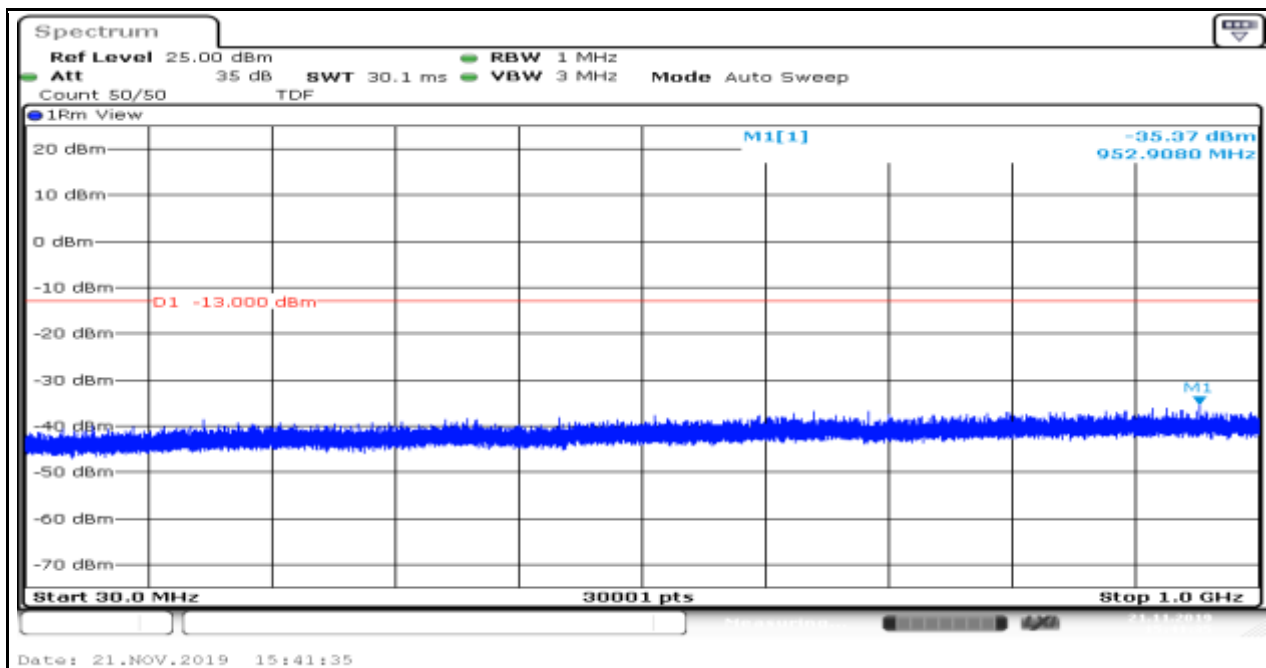
Band25_1.4MHz_16QAM_26365_6_0_Low_1000_5000_-38.48_PASS_



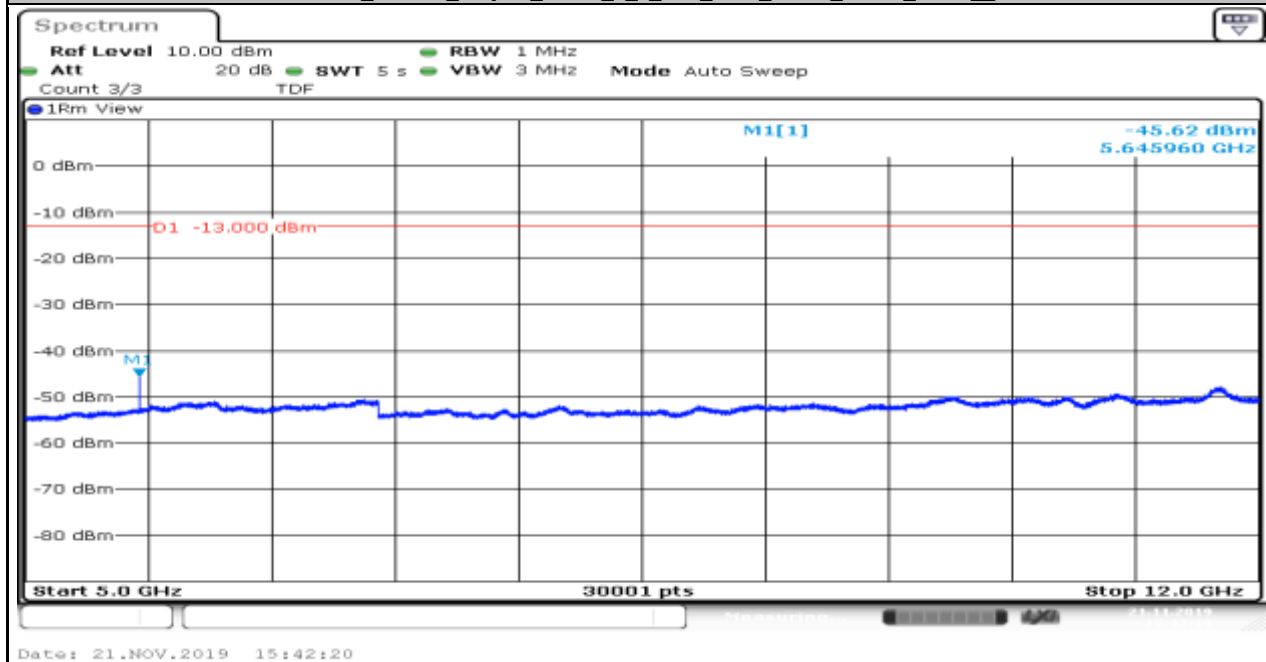
Band25_1.4MHz_16QAM_26365_6_0_Low_5000_12000_-47.8_PASS_



Band25_1.4MHz_16QAM_26365_1_0_Low_30_1000_-35.37_PASS_

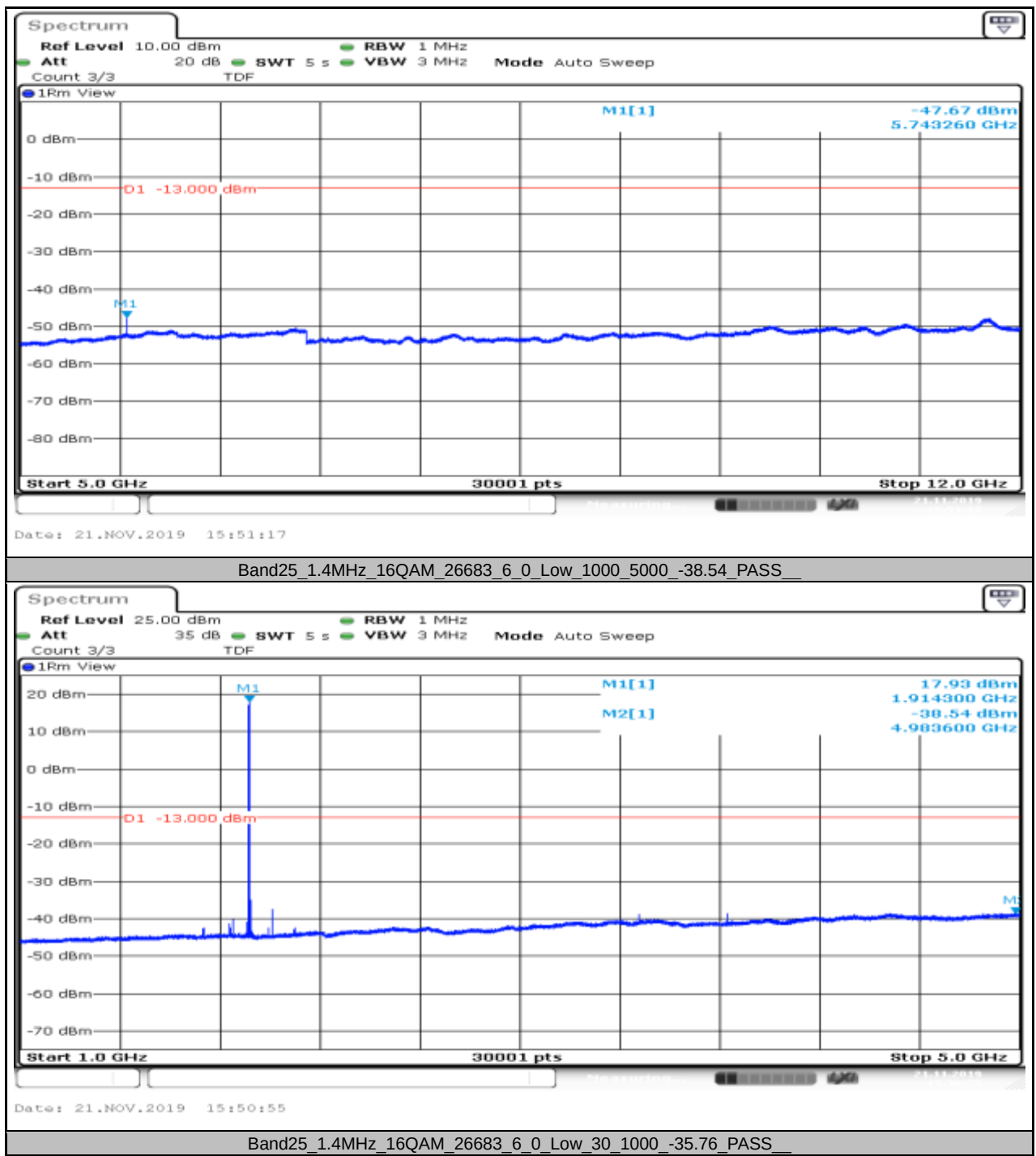


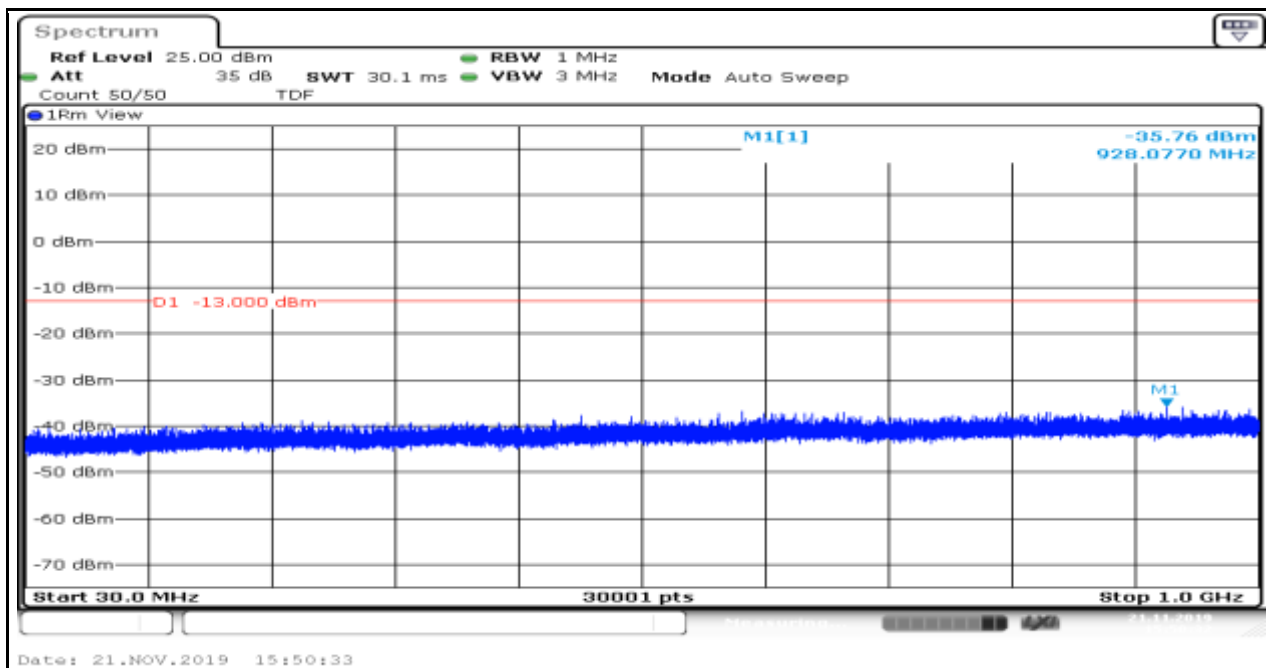
Band25_1.4MHz_16QAM_26365_1_0_Low_5000_12000_-45.62_PASS_



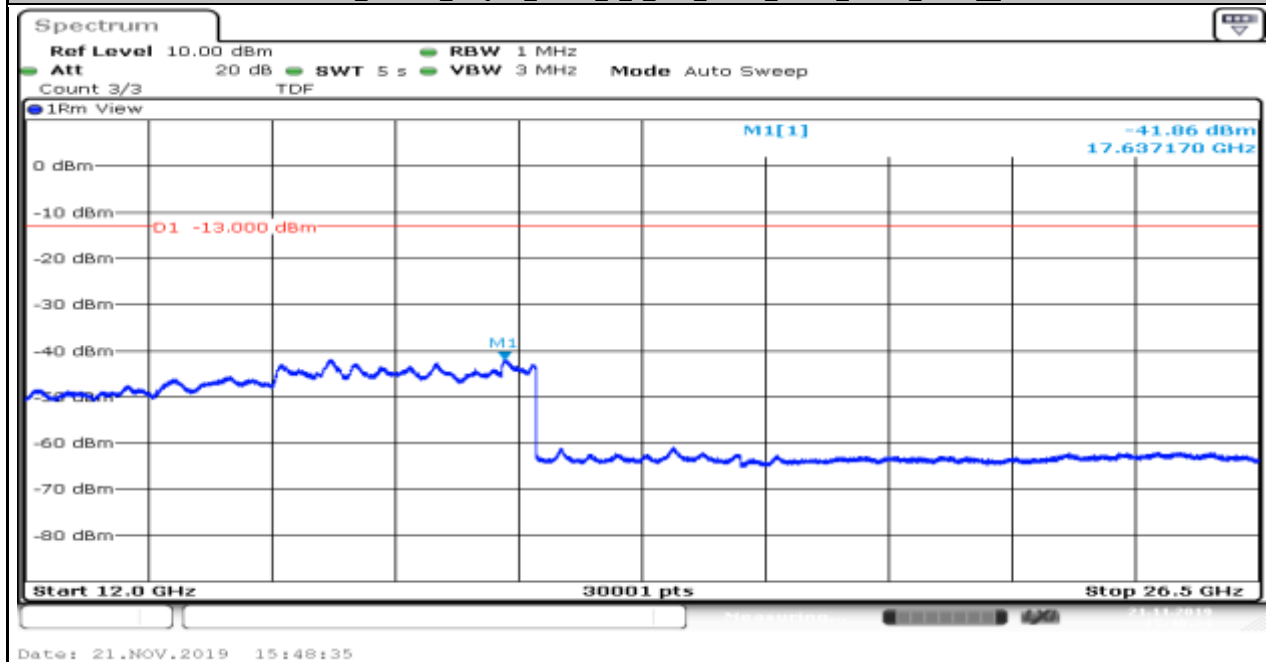
Band25_1.4MHz_16QAM_26683_6_0_Low_5000_12000_-47.67_PASS_

Produkte
Products



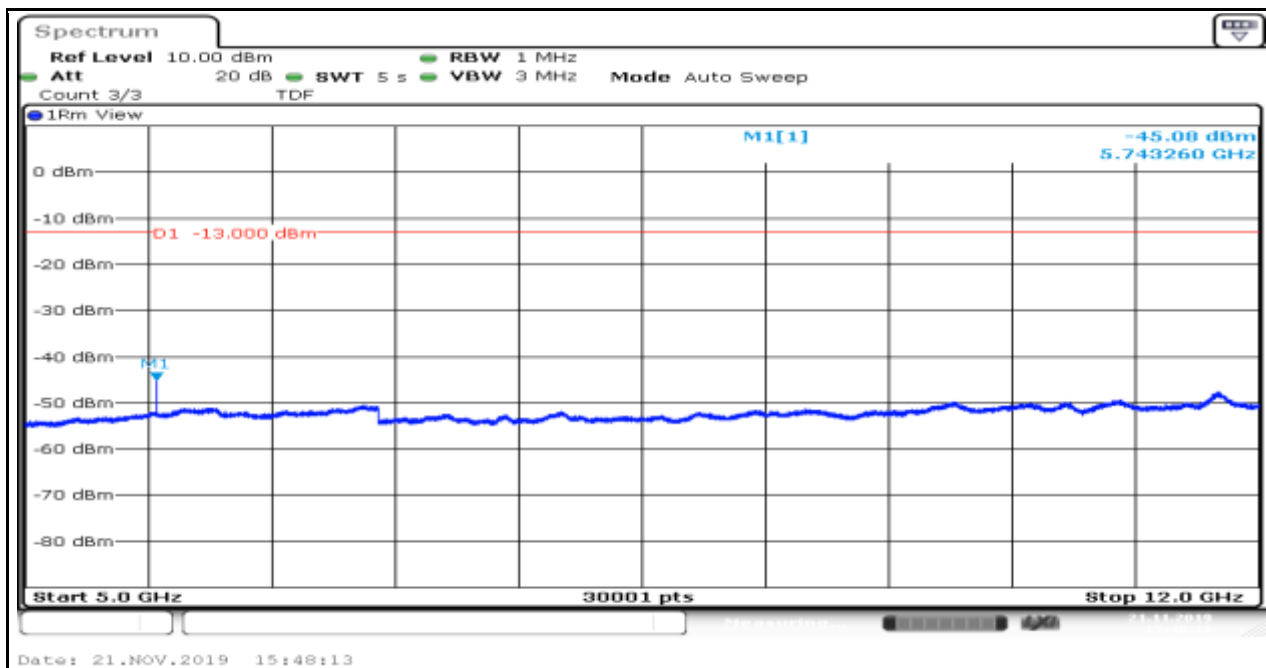


Band25_1.4MHz_16QAM_26683_1_5_Low_12000_26500_-41.86_PASS_

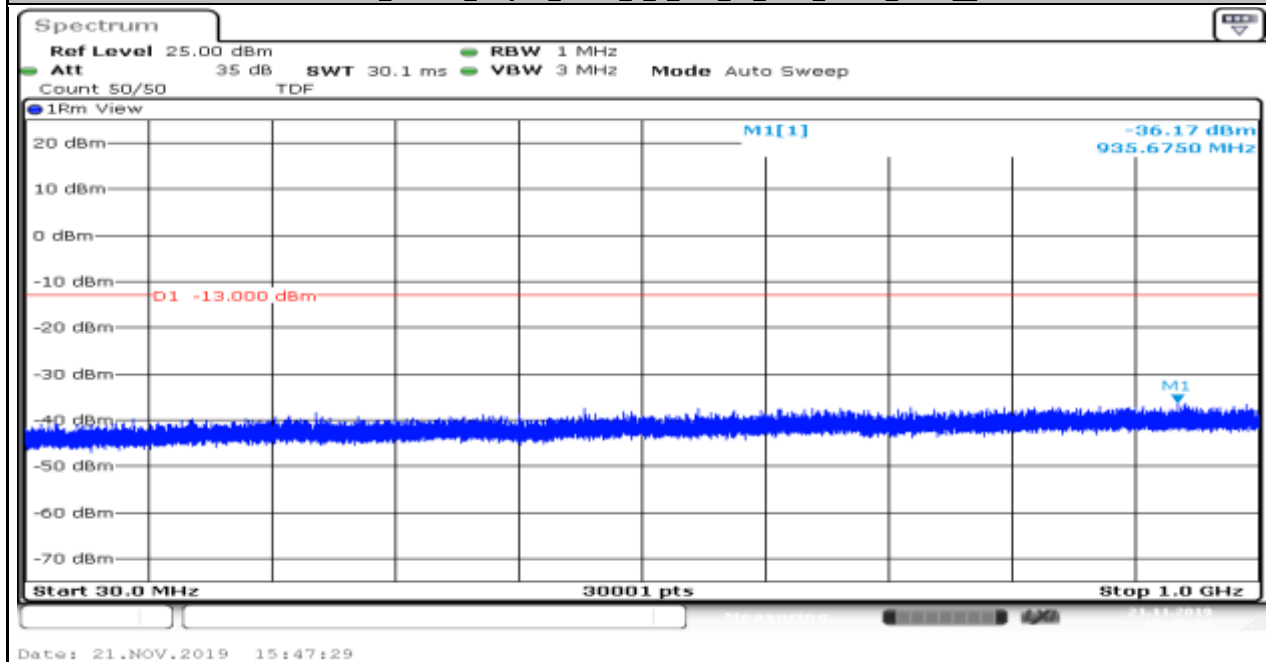


Band25_1.4MHz_16QAM_26683_1_5_Low_5000_12000_-45.08_PASS_

Produkte
Products

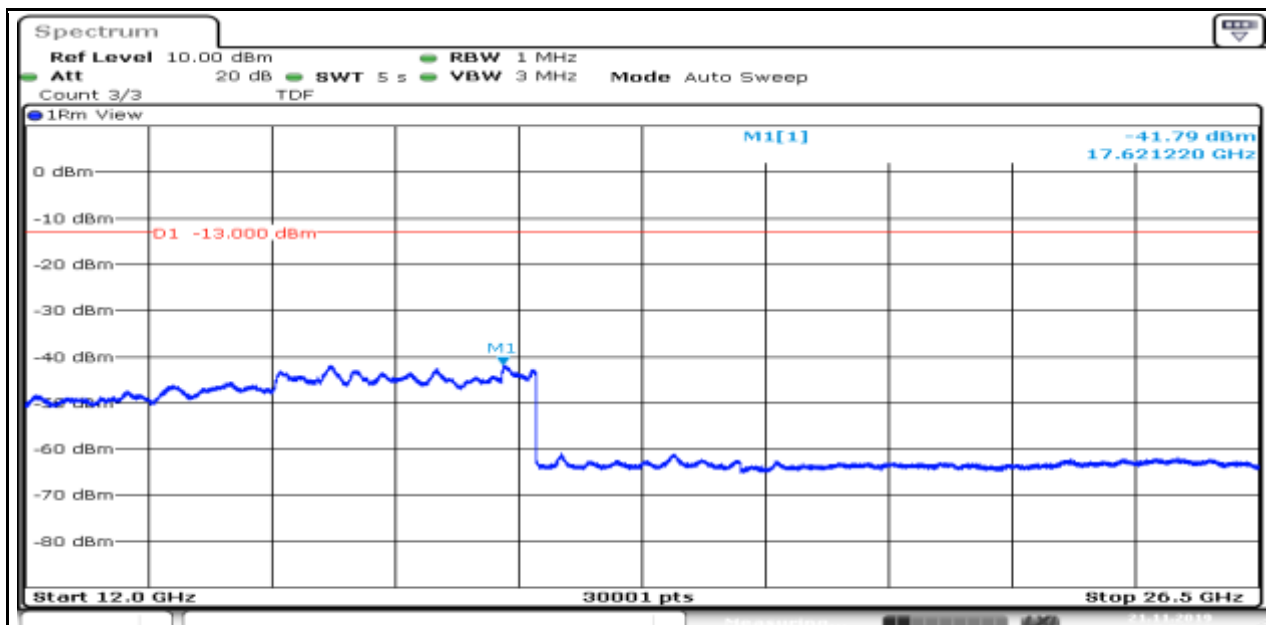


Band25_1.4MHz_16QAM_26683_1_5_Low_30_1000_-36.17_PASS

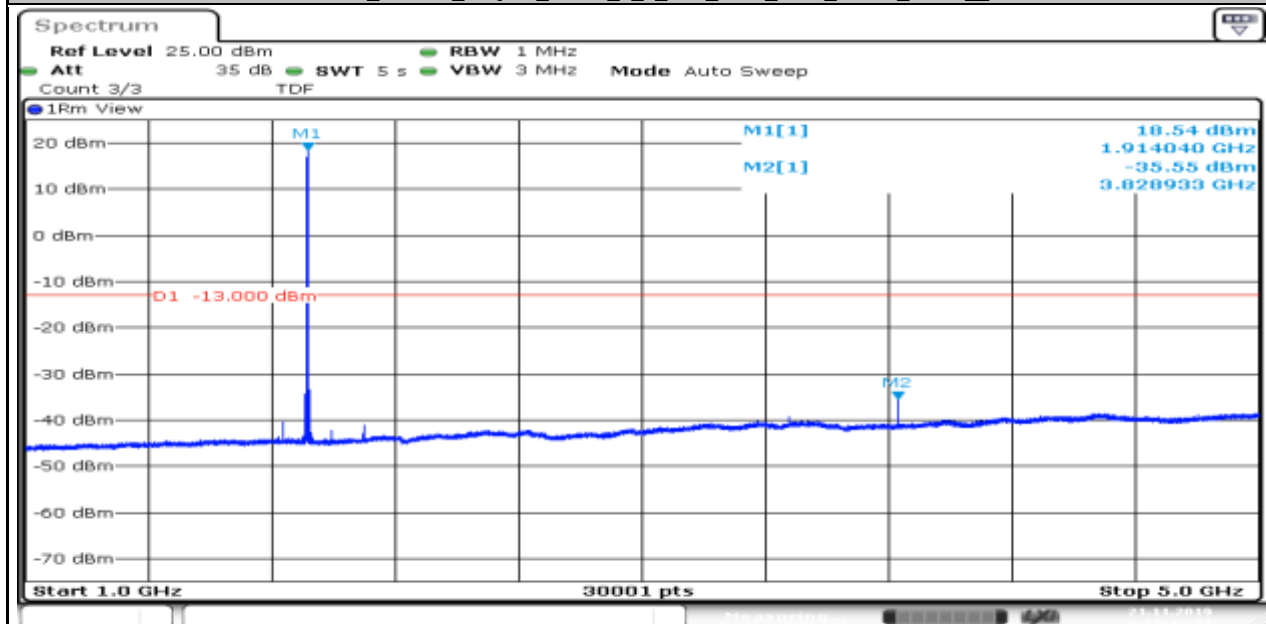


Band25_1.4MHz_16QAM_26683_6_0_Low_12000_26500_-41.79_PASS

Produkte
Products



Band25_1.4MHz_16QAM_26683_1_5_Low_1000_5000_-35.55_PASS_



Appendix F.6: Frequency Stability for M1

Test Result

Voltage												
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band25	1.4MHz	QPSK	26365	1	0	Low	NV	NT	-32.93	-0.01749	±2.5	PASS
Band25	1.4MHz	QPSK	26365	1	0	Low	LV	NT	-34.2	-0.01817	±2.5	PASS
Band25	1.4MHz	QPSK	26365	1	0	Low	HV	NT	-35.43	-0.01882	±2.5	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	NV	NT	88.33	0.046922	±2.5	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	LV	NT	73.77	0.039187	±2.5	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	HV	NT	84.6	0.04494	±2.5	PASS

Temperature												
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band25	1.4MHz	QPSK	26365	1	0	Low	NV	-10	-34.06	-0.01809	±2.5	PASS
Band25	1.4MHz	QPSK	26365	1	0	Low	NV	40	-24.83	-0.01319	±2.5	PASS
Band25	1.4MHz	QPSK	26365	1	0	Low	NV	-40	-36.08	-0.01917	±2.5	PASS
Band25	1.4MHz	QPSK	26365	1	0	Low	NV	-30	-30.96	-0.01645	±2.5	PASS
Band25	1.4MHz	QPSK	26365	1	0	Low	NV	-20	-34.25	-0.01819	±2.5	PASS
Band25	1.4MHz	QPSK	26365	1	0	Low	NV	30	-29.55	-0.0157	±2.5	PASS
Band25	1.4MHz	QPSK	26365	1	0	Low	NV	0	-28.25	-0.01501	±2.5	PASS
Band25	1.4MHz	QPSK	26365	1	0	Low	NV	10	-27.07	-0.01438	±2.5	PASS
Band25	1.4MHz	QPSK	26365	1	0	Low	NV	60	-28.27	-0.01502	±2.5	PASS
Band25	1.4MHz	QPSK	26365	1	0	Low	NV	20	-37.62	-0.01998	±2.5	PASS
Band25	1.4MHz	QPSK	26365	1	0	Low	NV	50	-39.02	-0.02073	±2.5	PASS
Band25	1.4MHz	QPSK	26365	1	0	Low	NV	70	-28.28	-0.01502	±2.5	PASS
Band25	1.4MHz	QPSK	26365	1	0	Low	NV	80	-35.1	-0.01865	±2.5	PASS
Band25	1.4MHz	QPSK	26365	1	0	Low	NV	85	-30.61	-0.01626	±2.5	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	NV	-10	72.84	0.038693	±2.5	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	NV	40	86.33	0.045859	±2.5	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	NV	20	89.65	0.047623	±2.5	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	NV	10	90.49	0.048069	±2.5	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	NV	-30	86.36	0.045875	±2.5	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	NV	0	74.26	0.039448	±2.5	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	NV	30	72.14	0.038321	±2.5	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	NV	-20	87.16	0.0463	±2.5	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	NV	50	86.42	0.045907	±2.5	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	NV	85	91.35	0.048526	±2.5	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	NV	80	87.36	0.046406	±2.5	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	NV	70	74.16	0.039394	±2.5	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	NV	60	73.67	0.039134	±2.5	PASS
Band25	1.4MHz	16QAM	26365	1	0	Low	NV	-40	82.61	0.043883	±2.5	PASS