

APPENDIX C: TEST RESULTS FOR UTRA OPERATING BAND 5

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APPENDIX C.1: EFFECTIVE (ISOTROPIC) RADIATED POWER

Test Result

WCDMA

Band	Channel	Power(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band5	4132	22.84	28.24	38.5	PASS
Band5	4182	22.97	28.37	38.5	PASS
Band5	4233	23.09	28.49	38.5	PASS

HSDPA

Band	Channel	SubTest	Power(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band5	4132	1	21.82	27.22	38.5	PASS
Band5	4132	2	21.25	26.65	38.5	PASS
Band5	4132	3	21.23	26.63	38.5	PASS
Band5	4132	4	21.14	26.54	38.5	PASS
Band5	4182	1	21.89	27.29	38.5	PASS
Band5	4182	2	21.23	26.63	38.5	PASS
Band5	4182	3	21.31	26.71	38.5	PASS
Band5	4182	4	21.31	26.71	38.5	PASS
Band5	4233	1	21.98	27.38	38.5	PASS
Band5	4233	2	21.32	26.72	38.5	PASS
Band5	4233	3	21.39	26.79	38.5	PASS
Band5	4233	4	21.32	26.72	38.5	PASS

HSUPA

Band	Channel	SubTest	Power(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band5	4132	1	21.29	26.69	38.5	PASS
Band5	4132	2	20.77	26.17	38.5	PASS
Band5	4132	3	20.61	26.01	38.5	PASS
Band5	4132	4	20.76	26.16	38.5	PASS
Band5	4132	5	21.77	27.17	38.5	PASS
Band5	4182	1	21.14	26.54	38.5	PASS
Band5	4182	2	20.73	26.13	38.5	PASS
Band5	4182	3	20.05	25.45	38.5	PASS
Band5	4182	4	20.97	26.37	38.5	PASS
Band5	4182	5	21.83	27.23	38.5	PASS
Band5	4233	1	21.38	26.78	38.5	PASS
Band5	4233	2	20.36	25.76	38.5	PASS
Band5	4233	3	19.72	25.12	38.5	PASS
Band5	4233	4	21.07	26.47	38.5	PASS
Band5	4233	5	22.11	27.51	38.5	PASS

APPENDIX C.2: PEAK-TO AVERAGE RATIO

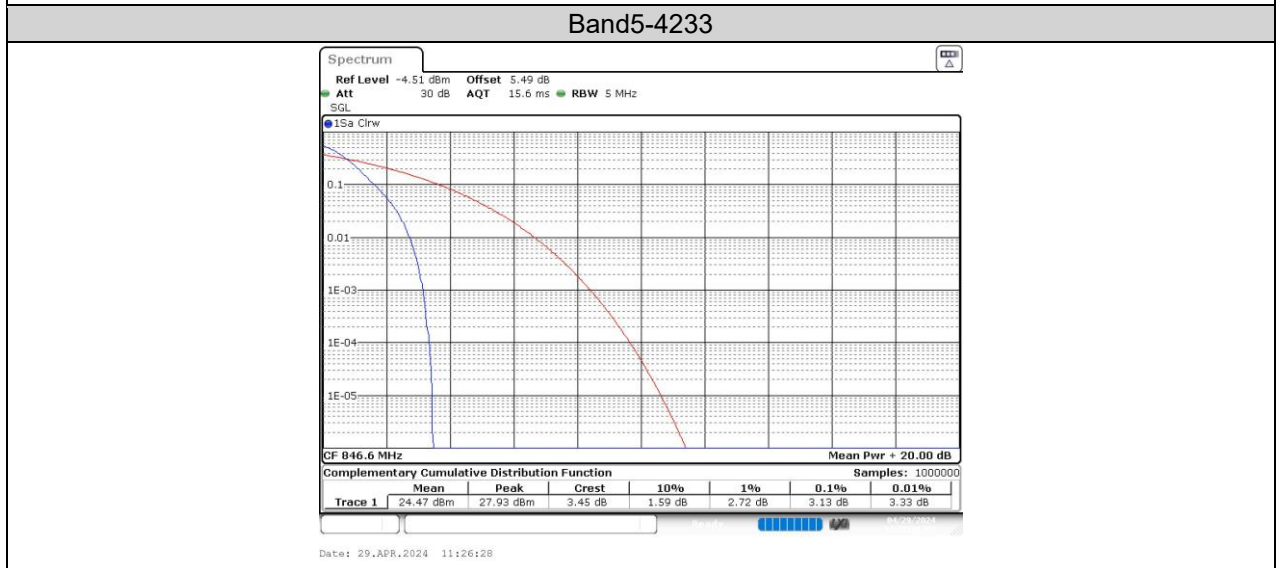
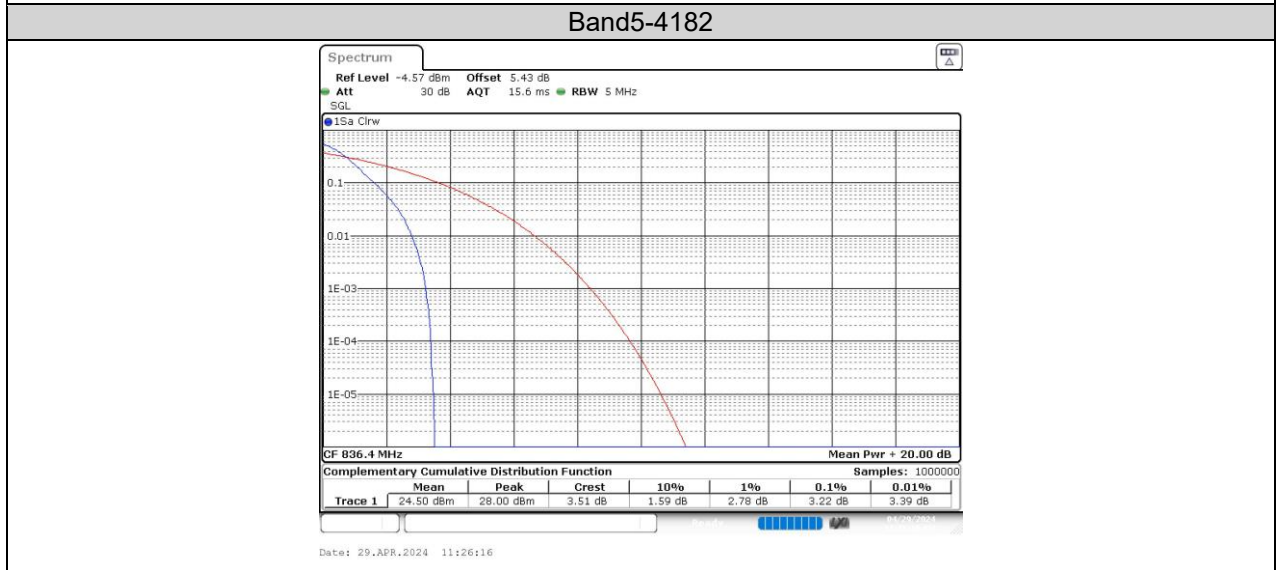
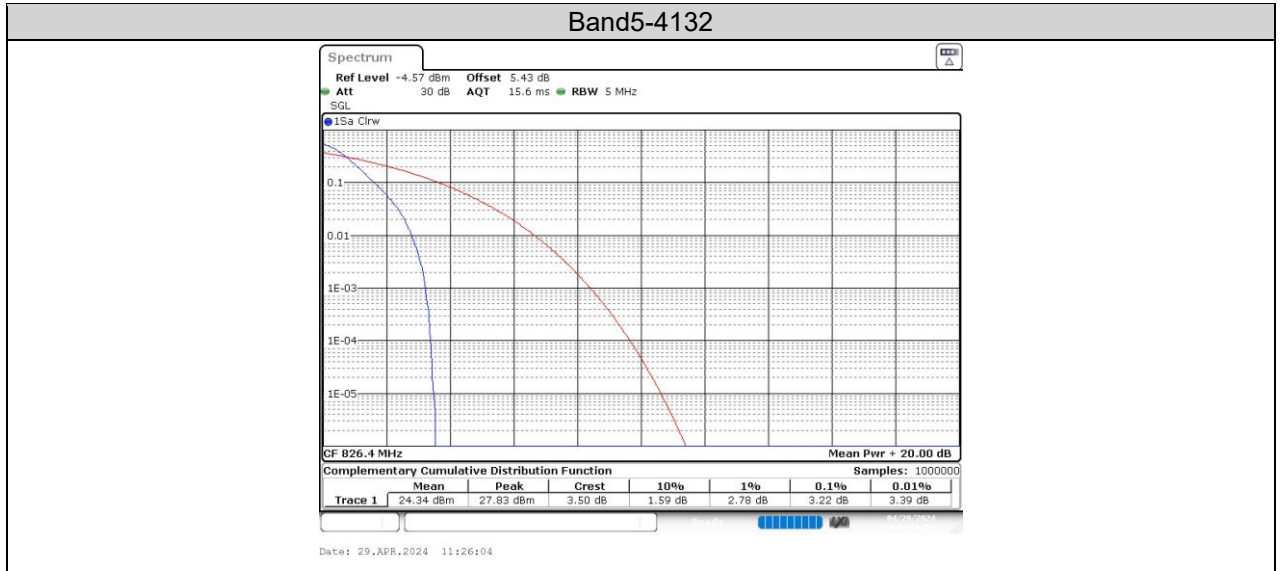
Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
Band5	4132	3.22	13	PASS
Band5	4182	3.22	13	PASS
Band5	4233	3.13	13	PASS

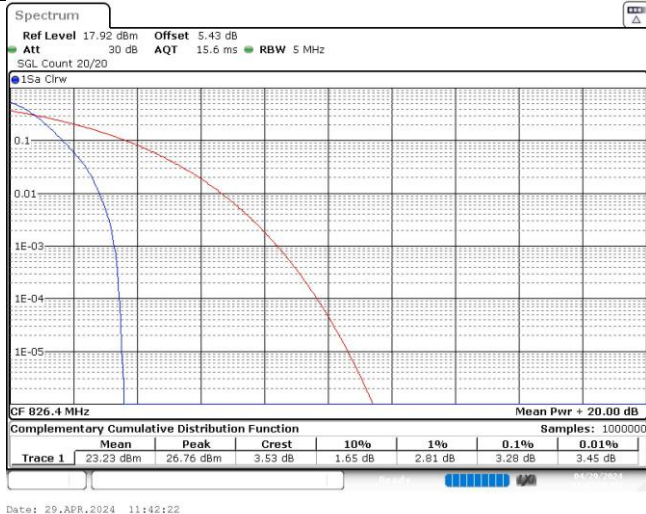
Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band5	4132	1	3.28	13	PASS
Band5	4132	2	3.42	13	PASS
Band5	4132	3	3.57	13	PASS
Band5	4132	4	3.59	13	PASS
Band5	4182	1	3.3	13	PASS
Band5	4182	2	3.42	13	PASS
Band5	4182	3	3.57	13	PASS
Band5	4182	4	3.59	13	PASS
Band5	4233	1	3.25	13	PASS
Band5	4233	2	3.45	13	PASS
Band5	4233	3	3.62	13	PASS
Band5	4233	4	3.65	13	PASS

Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band5	4132	1	4.72	13	PASS
Band5	4132	2	5.25	13	PASS
Band5	4132	3	5.33	13	PASS
Band5	4132	4	5.01	13	PASS
Band5	4132	5	4.35	13	PASS
Band5	4182	1	4.52	13	PASS
Band5	4182	2	5.16	13	PASS
Band5	4182	3	5.51	13	PASS
Band5	4182	4	5.1	13	PASS
Band5	4182	5	4.38	13	PASS
Band5	4233	1	4.46	13	PASS
Band5	4233	2	5.19	13	PASS
Band5	4233	3	5.42	13	PASS
Band5	4233	4	4.96	13	PASS
Band5	4233	5	4.2	13	PASS

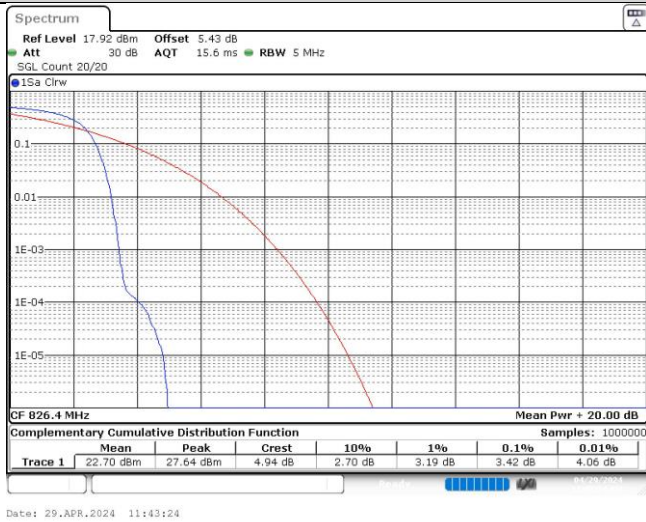
Test Graphs



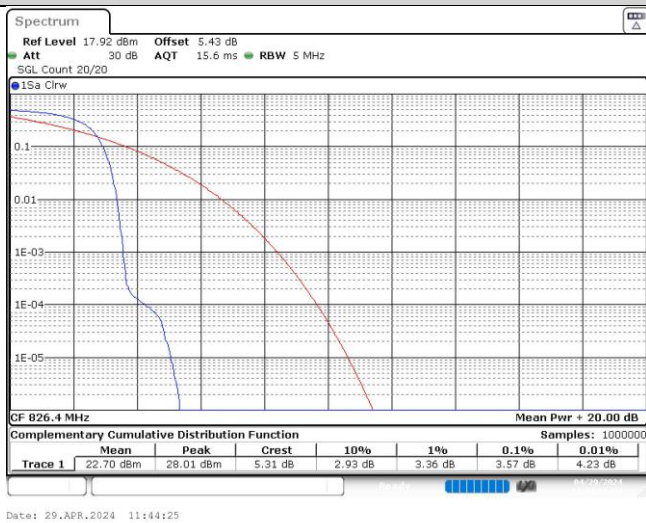
Band5-4132-1



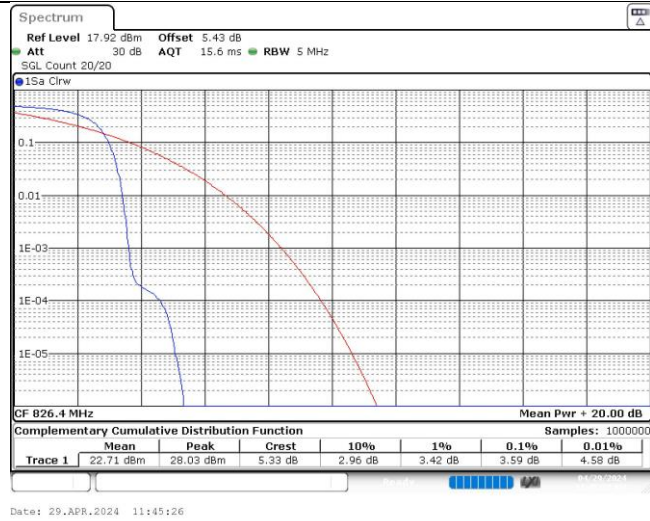
Band5-4132-2



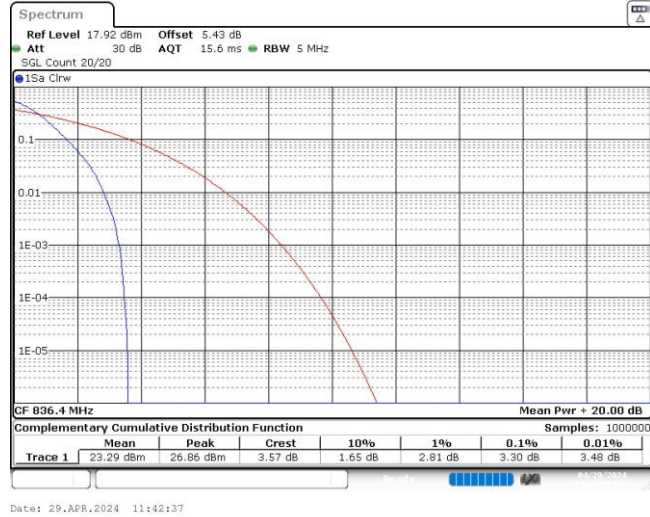
Band5-4132-3



Band5-4132-4



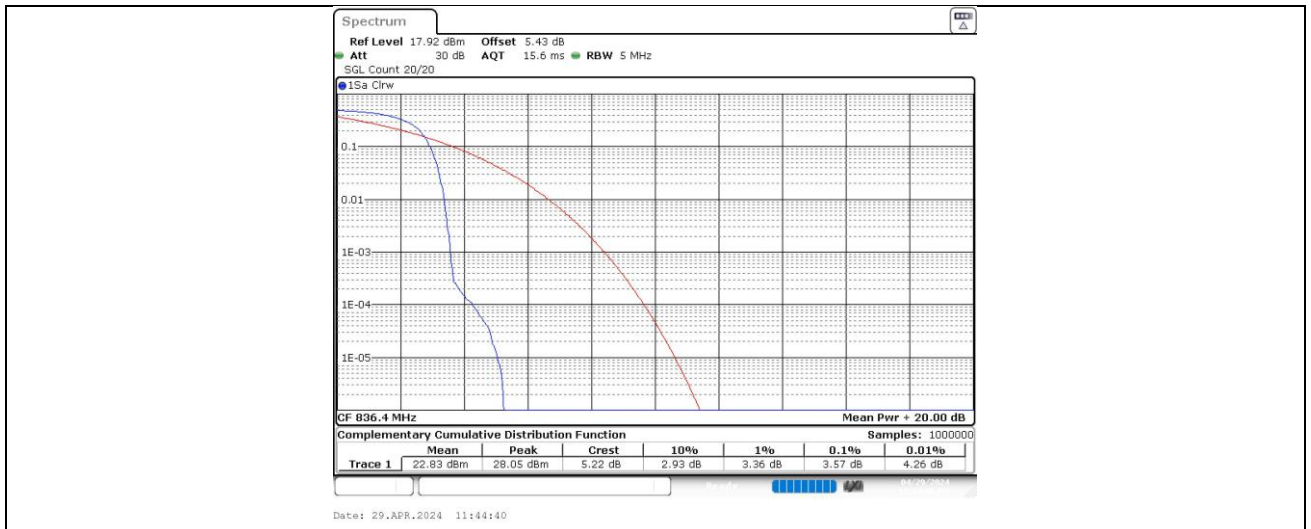
Band5-4182-1



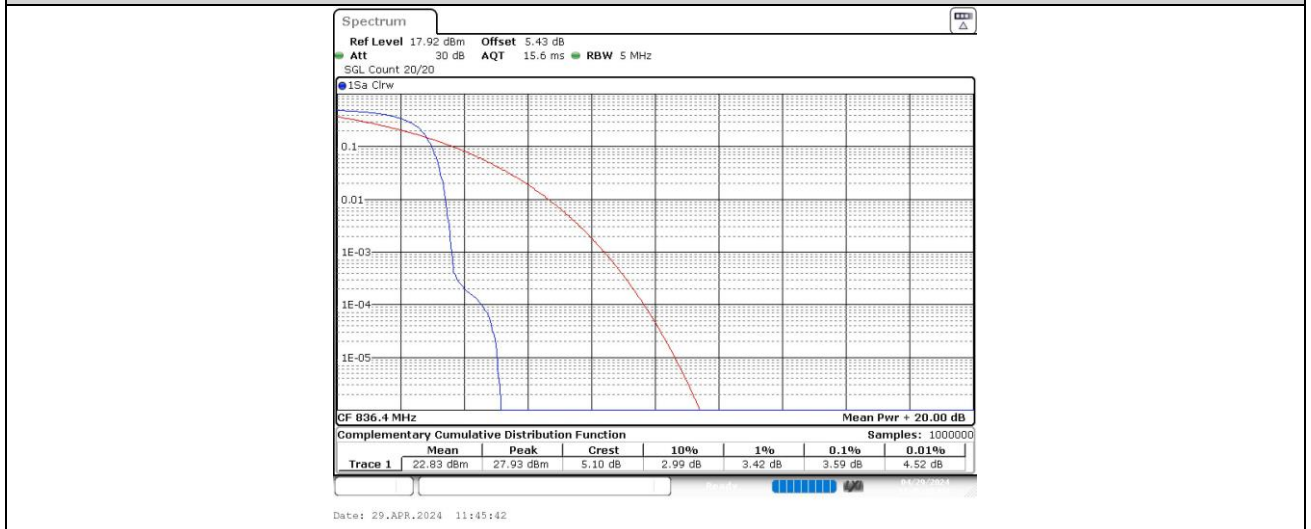
Band5-4182-2



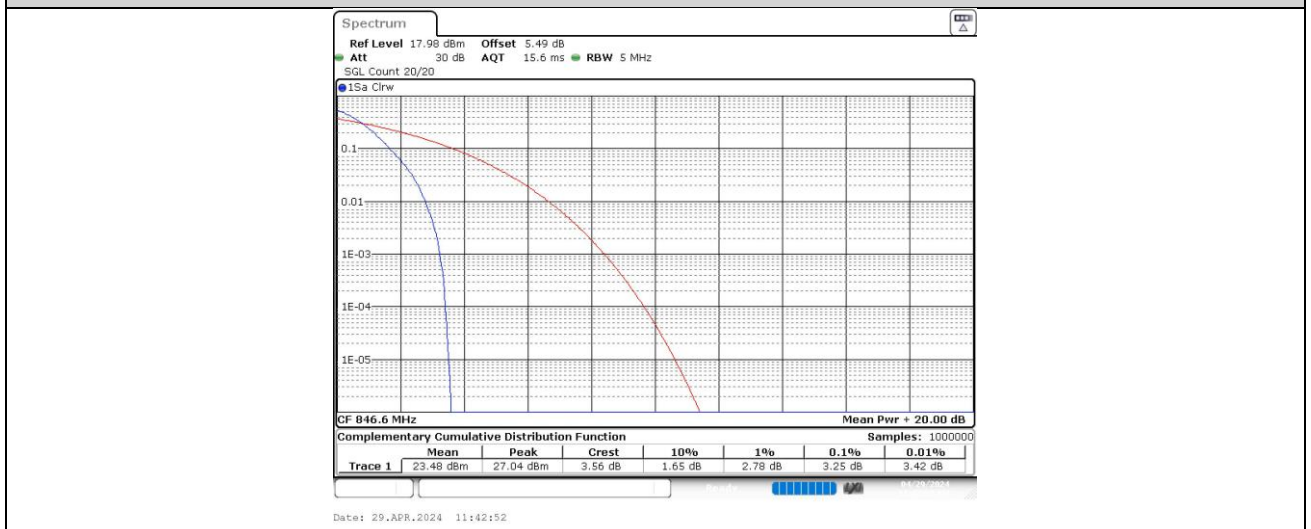
Band5-4182-3



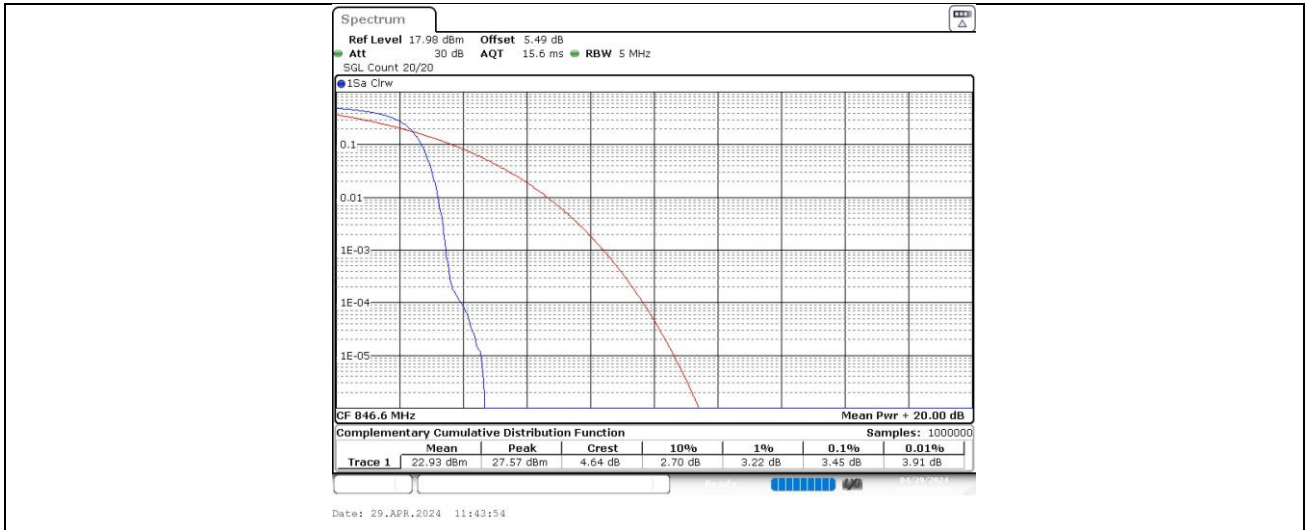
Band5-4182-4



Band5-4233-1



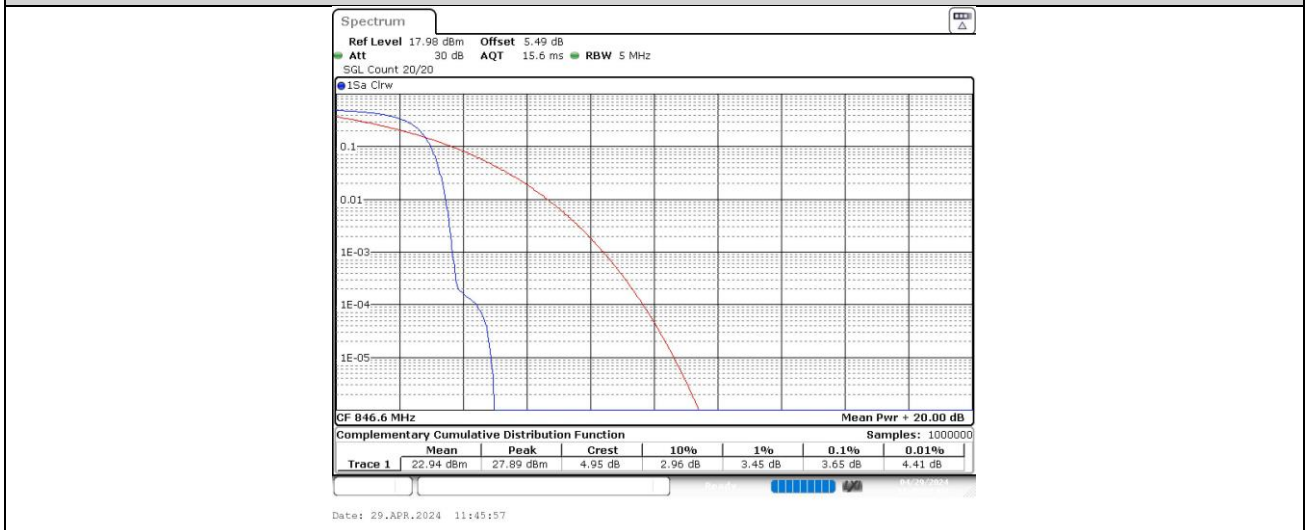
Band5-4233-2



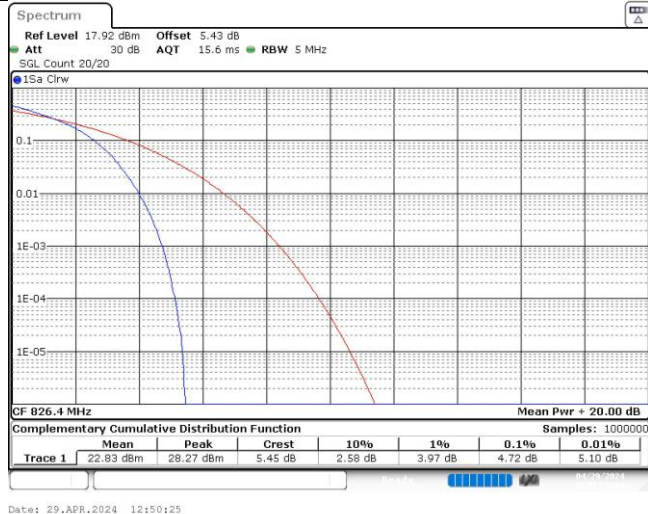
Band5-4233-3



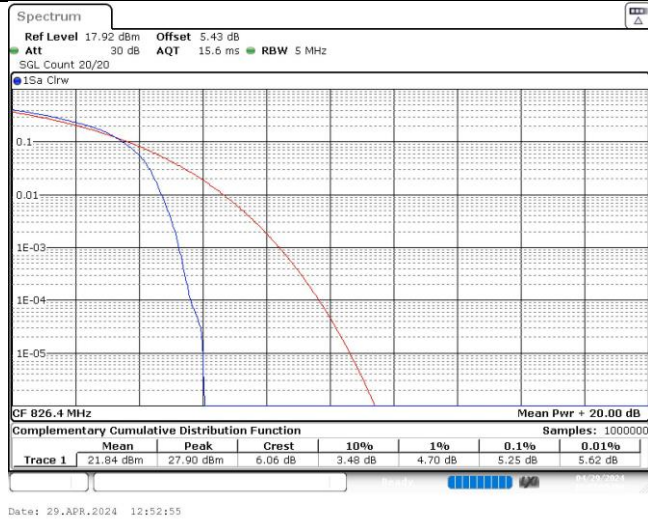
Band5-4233-4



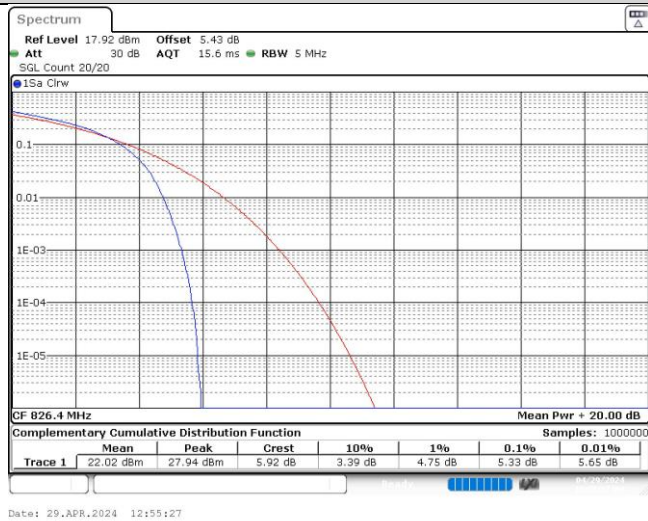
Band5-4132-1



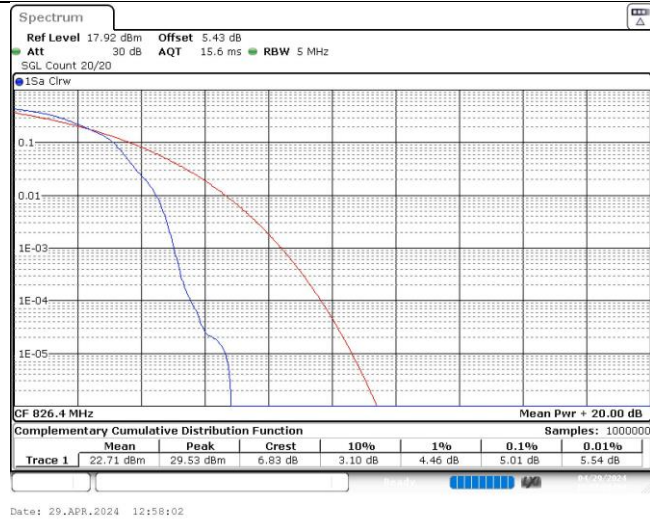
Band5-4132-2



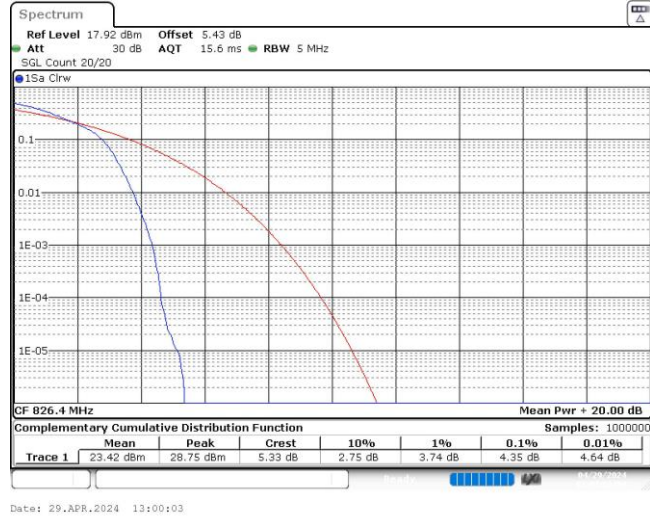
Band5-4132-3



Band5-4132-4



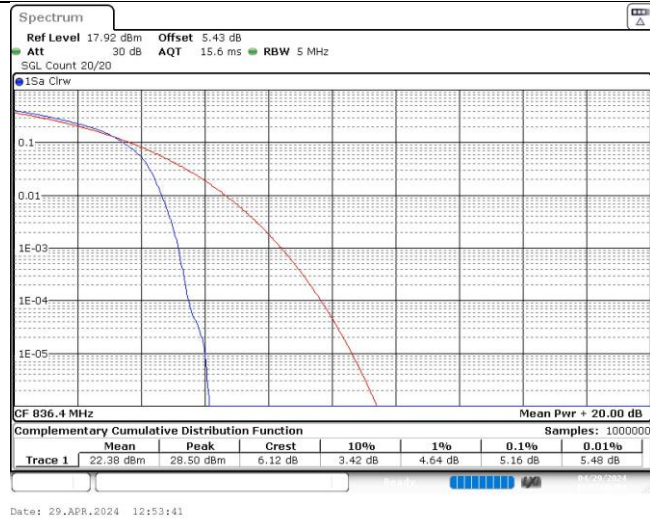
Band5-4132-5



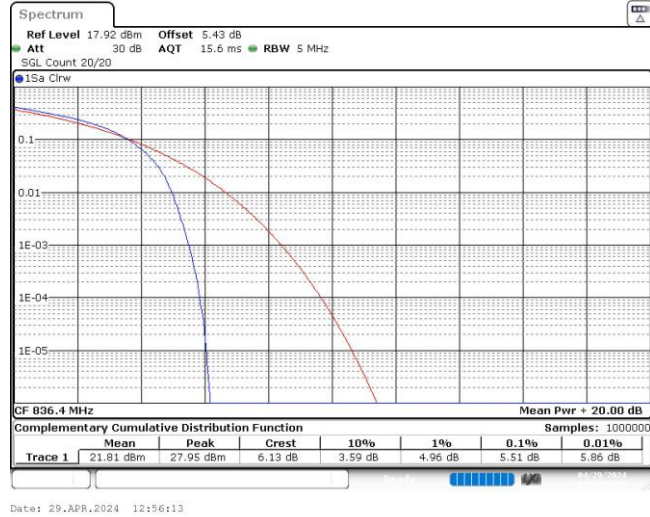
Band5-4182-1



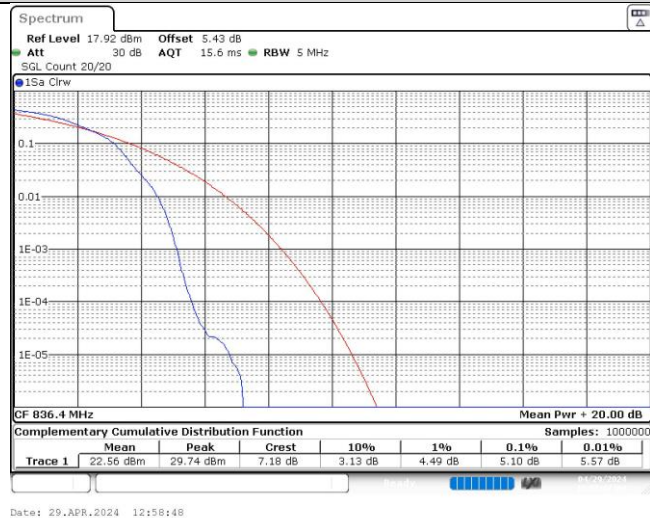
Band5-4182-2



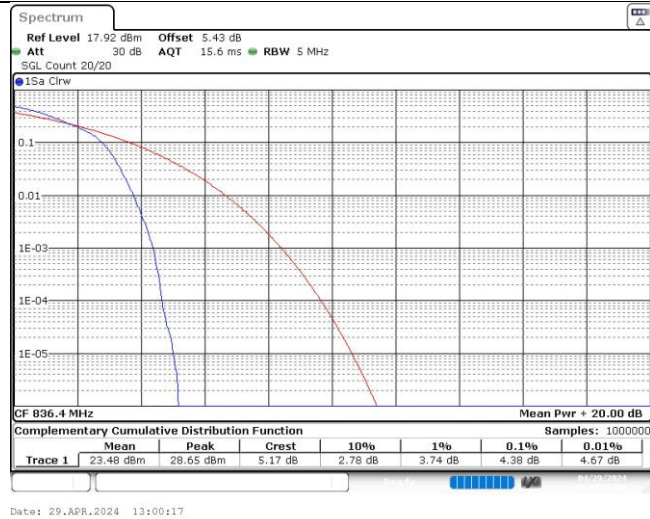
Band5-4182-3



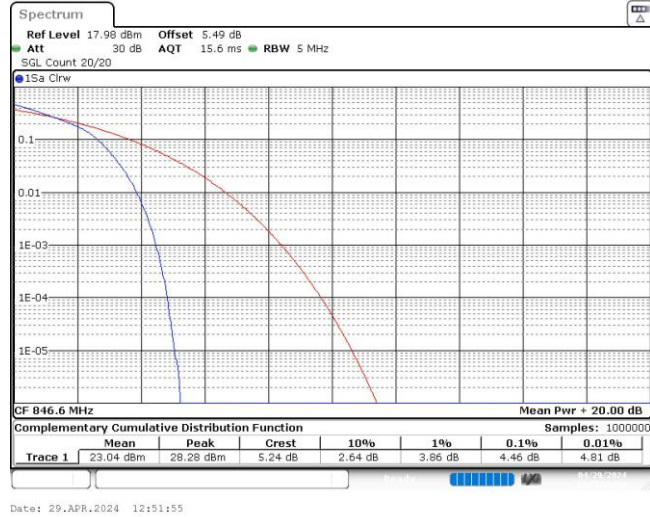
Band5-4182-4



Band5-4182-5



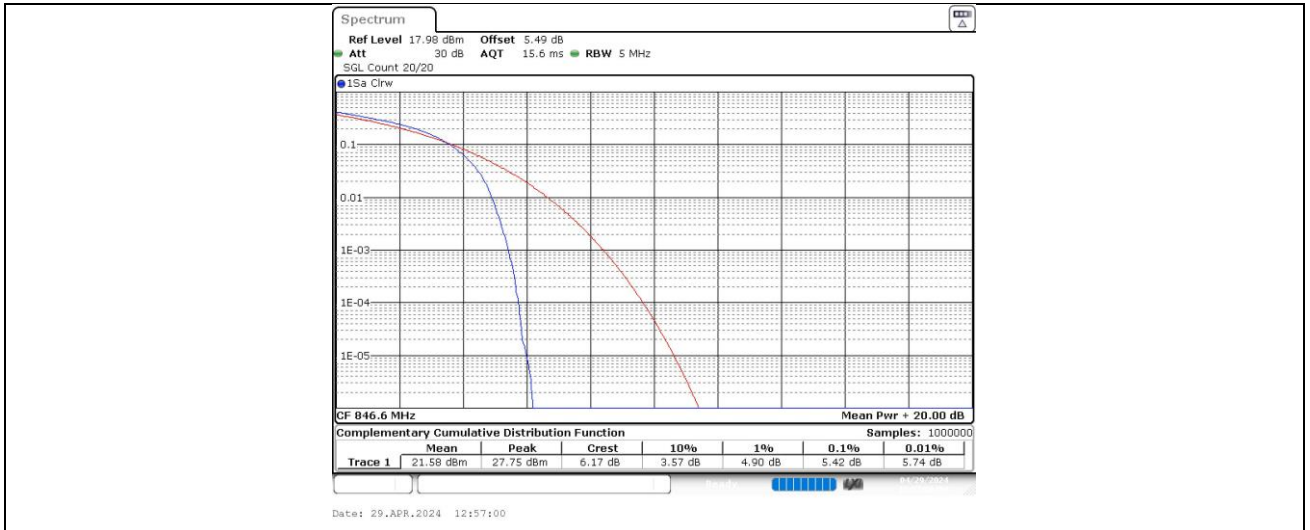
Band5-4233-1



Band5-4233-2



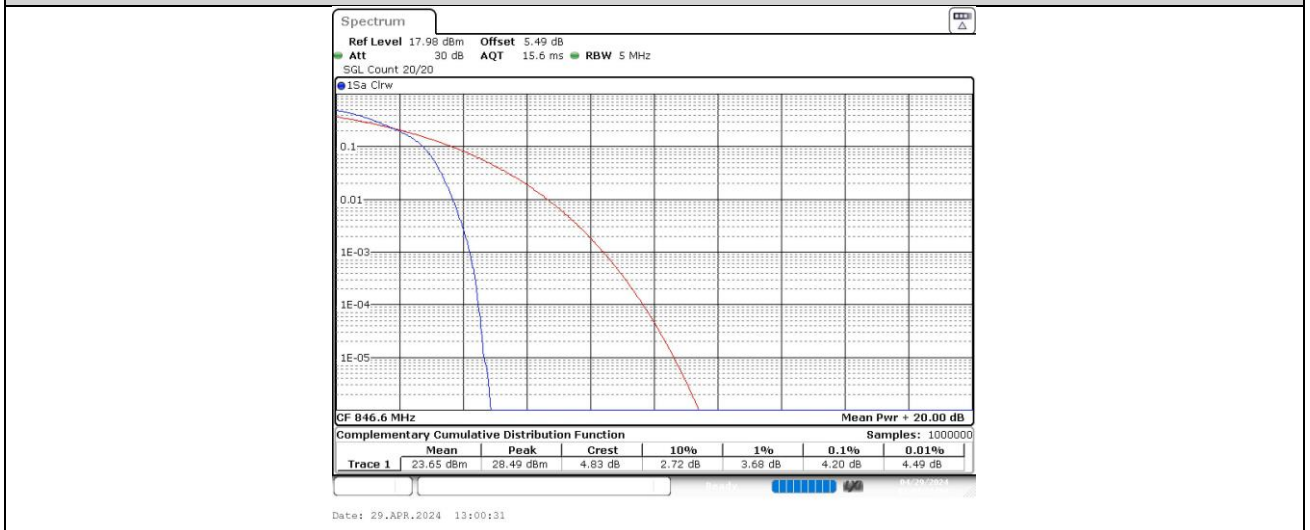
Band5-4233-3



Band5-4233-4



Band5-4233-5



APPENDIX C.3: 26dB BANDWIDTH AND OCCUPIED BANDWIDTH

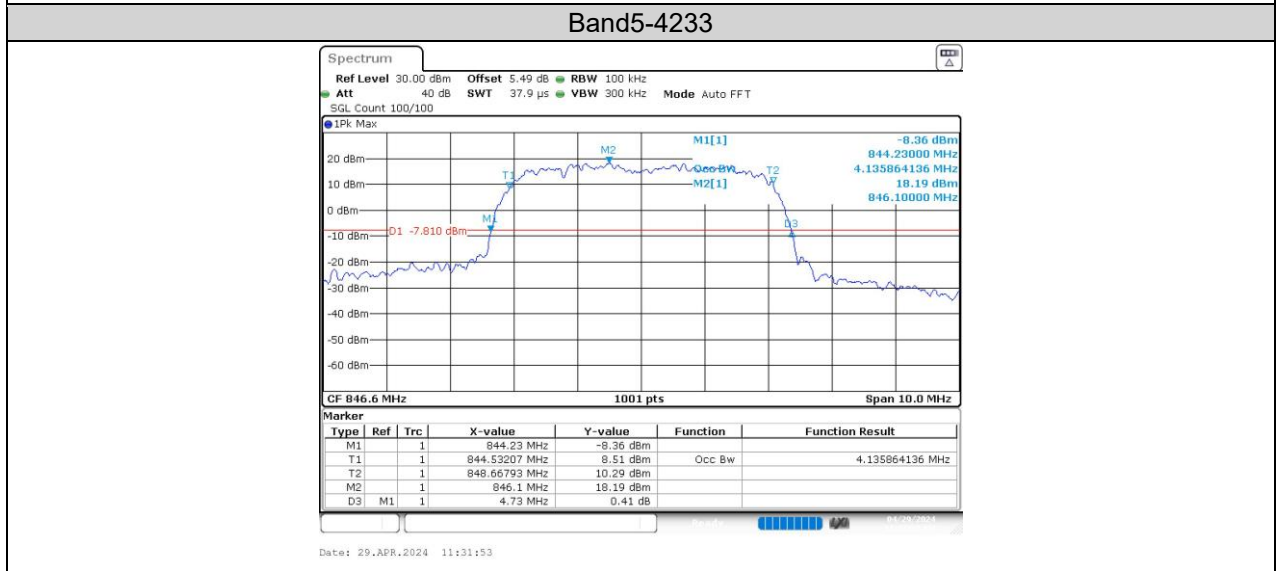
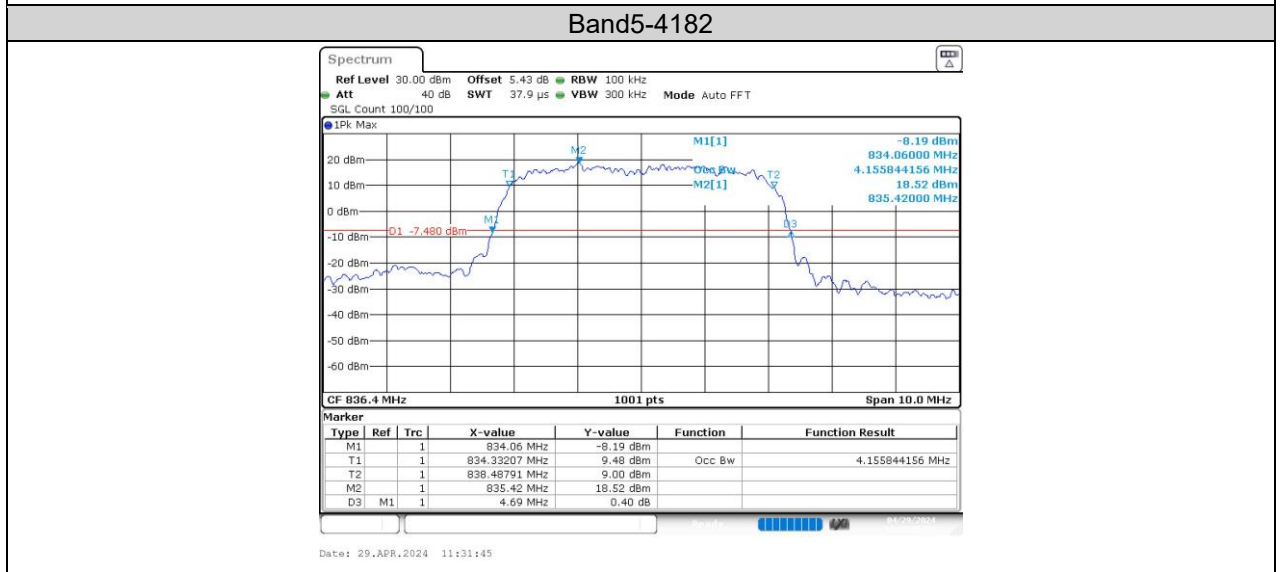
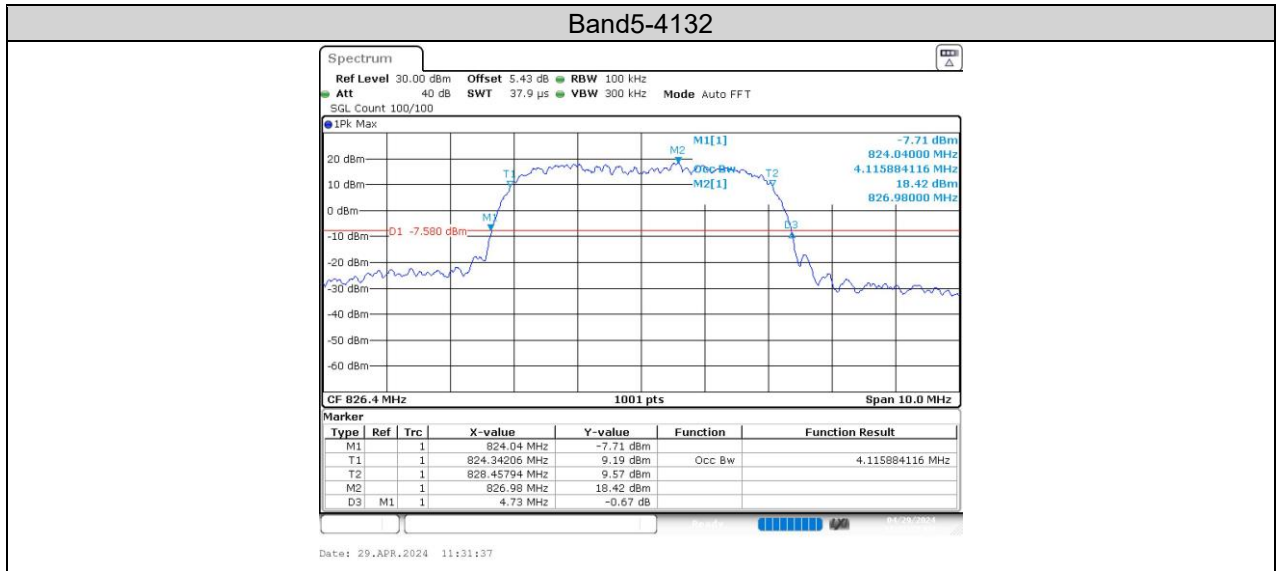
Test Result

Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band5	4132	4.116	4.73	---	PASS
Band5	4182	4.156	4.69	---	PASS
Band5	4233	4.136	4.73	---	PASS

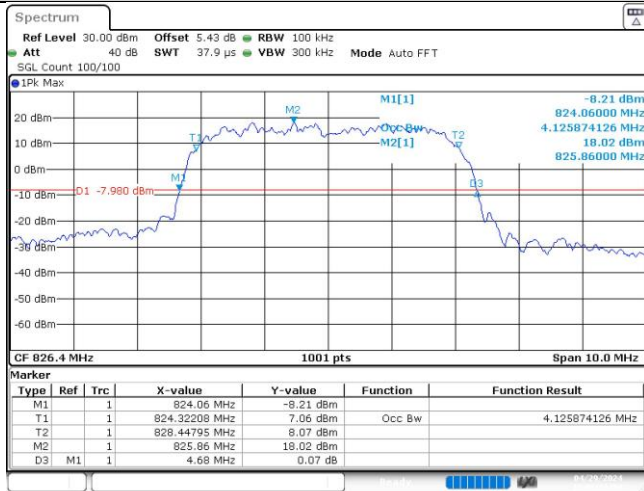
Band	Channel	SubTest	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band5	4132	1	4.126	4.68	---	PASS
Band5	4132	2	4.156	4.76	---	PASS
Band5	4132	3	4.116	4.72	---	PASS
Band5	4132	4	4.116	4.75	---	PASS
Band5	4182	1	4.146	4.74	---	PASS
Band5	4182	2	4.126	4.73	---	PASS
Band5	4182	3	4.116	4.72	---	PASS
Band5	4182	4	4.136	4.73	---	PASS
Band5	4233	1	4.136	4.75	---	PASS
Band5	4233	2	4.136	4.72	---	PASS
Band5	4233	3	4.156	4.72	---	PASS
Band5	4233	4	4.106	4.72	---	PASS

Band	Channel	SubTest	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band5	4132	1	4.196	4.74	---	PASS
Band5	4132	2	4.136	4.72	---	PASS
Band5	4132	3	4.166	4.71	---	PASS
Band5	4132	4	4.136	4.71	---	PASS
Band5	4132	5	4.146	4.73	---	PASS
Band5	4182	1	4.156	4.74	---	PASS
Band5	4182	2	4.126	4.71	---	PASS
Band5	4182	3	4.156	4.74	---	PASS
Band5	4182	4	4.156	4.71	---	PASS
Band5	4182	5	4.156	4.71	---	PASS
Band5	4233	1	4.156	4.72	---	PASS
Band5	4233	2	4.156	4.69	---	PASS
Band5	4233	3	4.156	4.72	---	PASS
Band5	4233	4	4.146	4.73	---	PASS
Band5	4233	5	4.136	4.74	---	PASS

Test Graphs

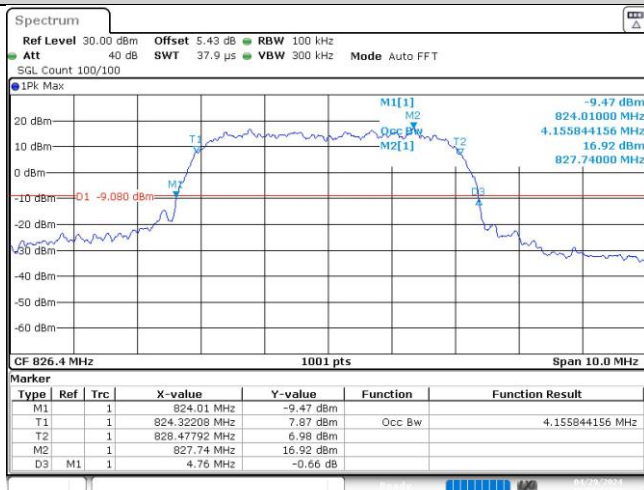


Band5-4132-1



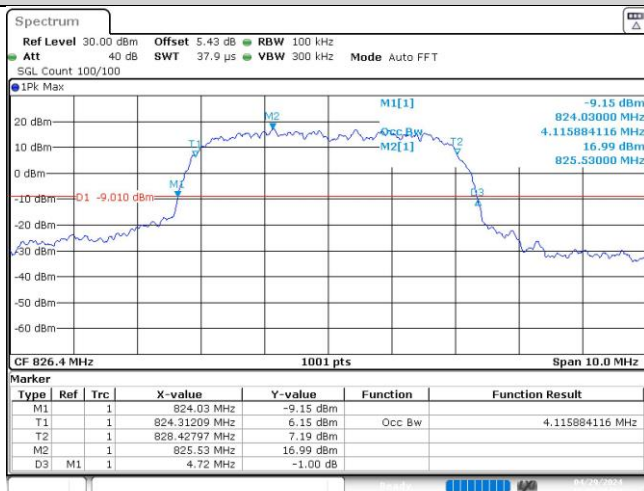
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Band5-4132-2



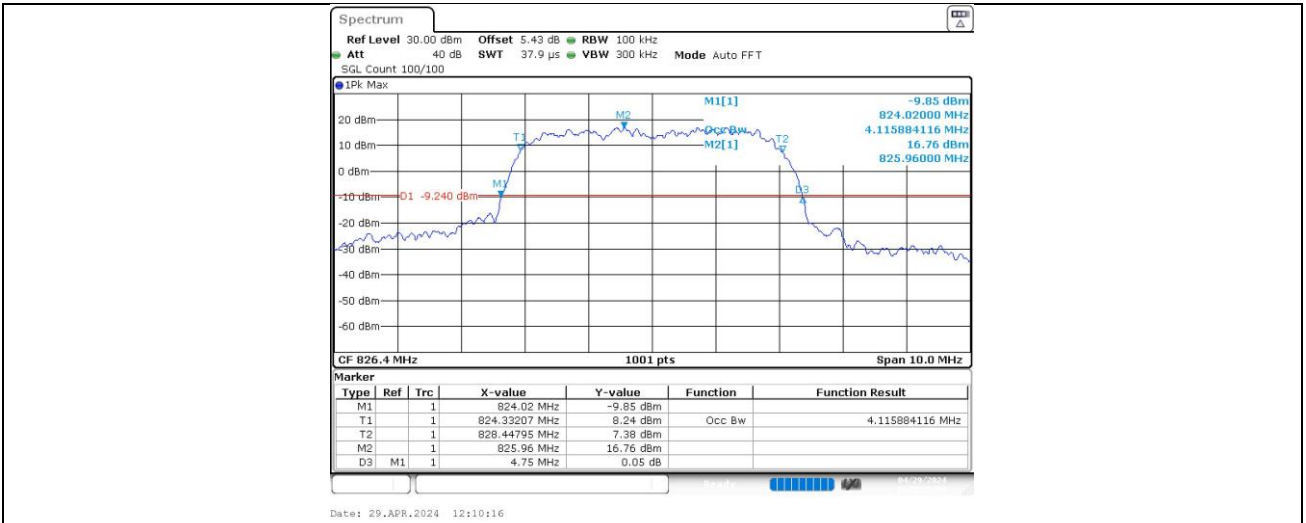
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Band5-4132-3

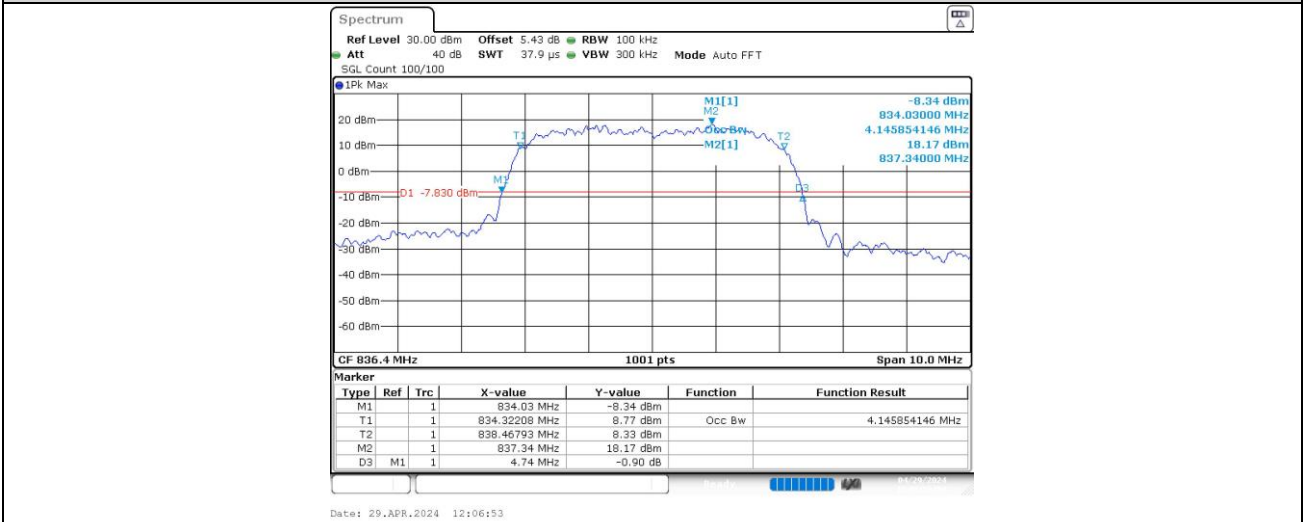


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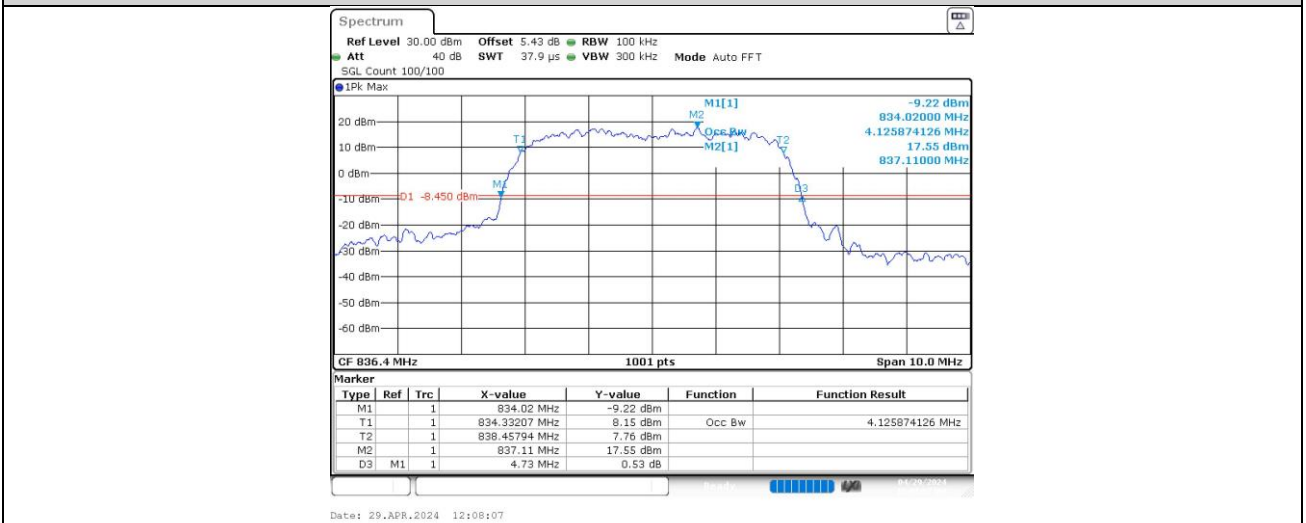
Band5-4132-4



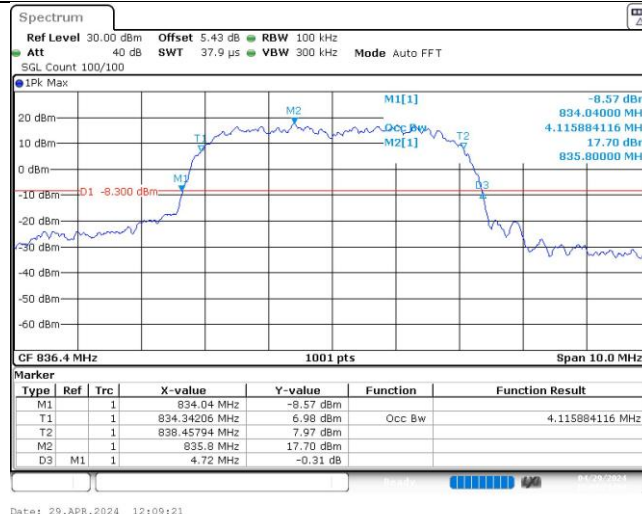
Band5-4182-1



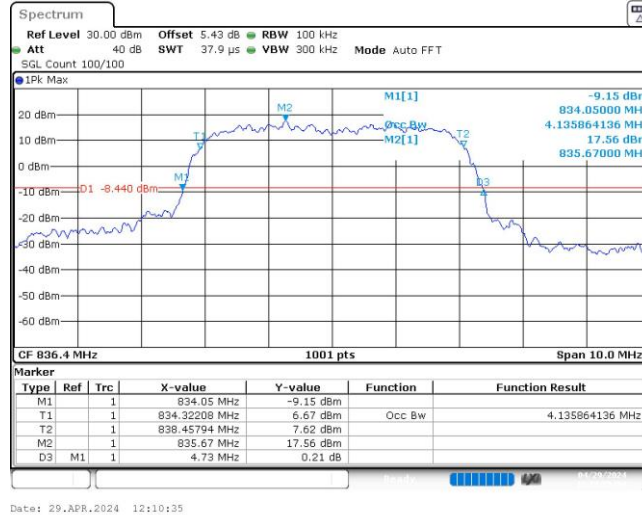
Band5-4182-2



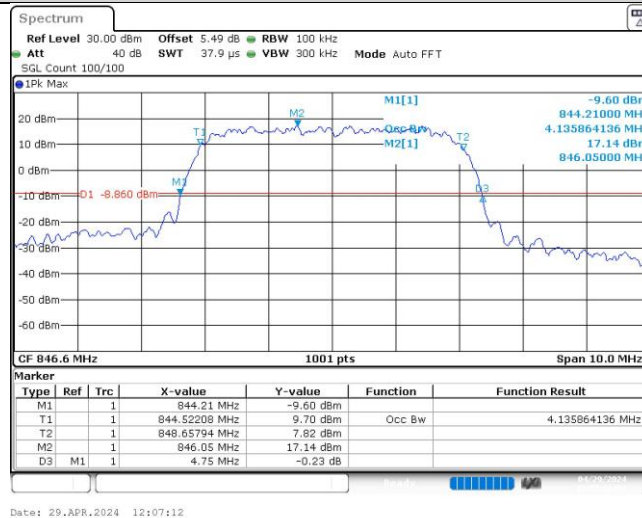
Band5-4182-3



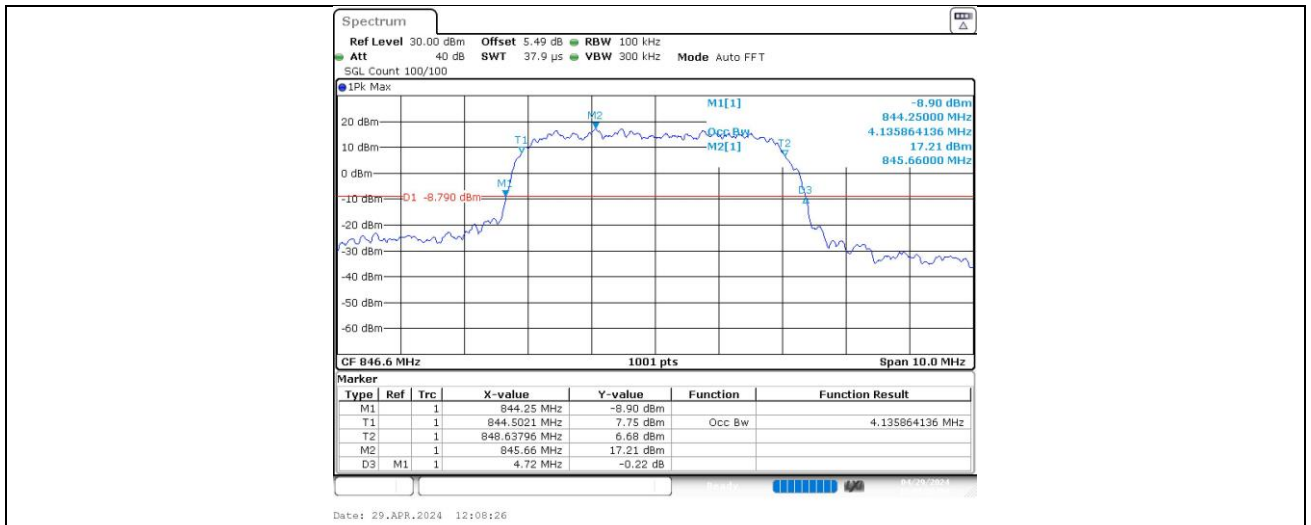
Band5-4182-4



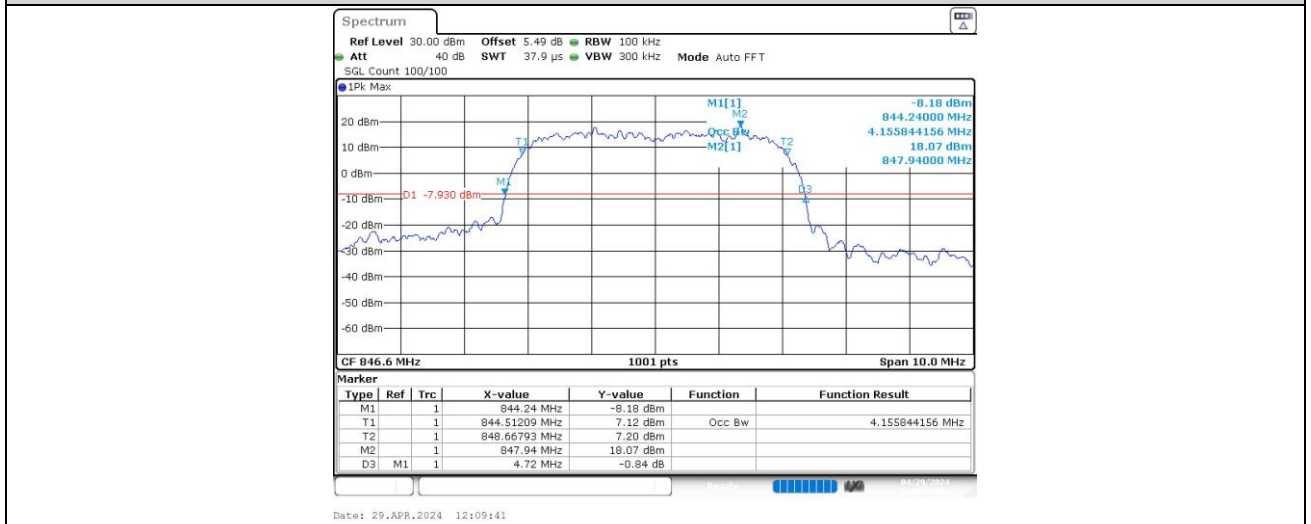
Band5-4233-1



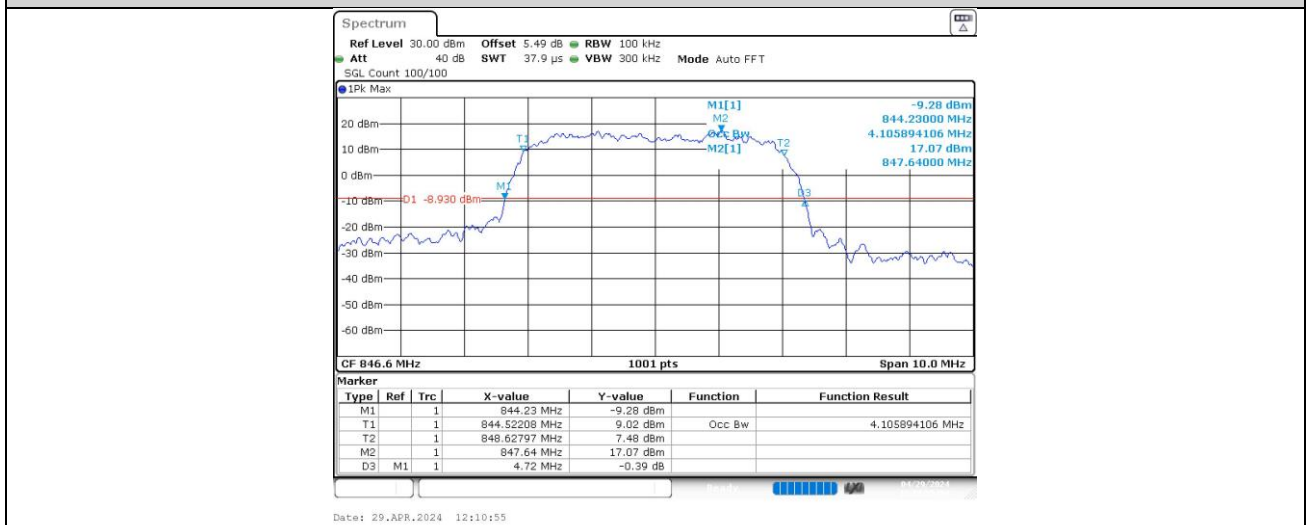
Band5-4233-2



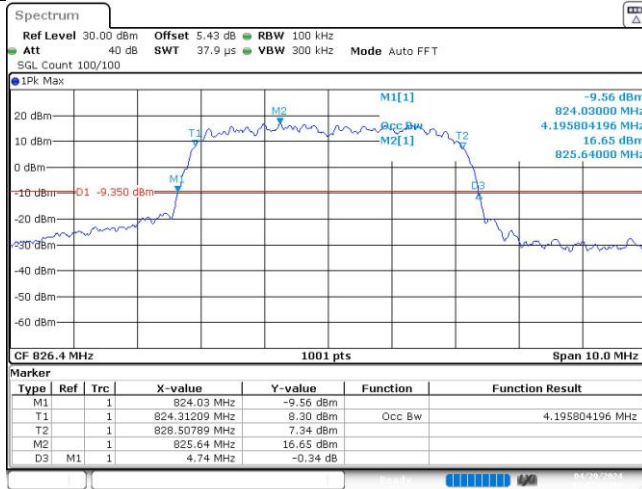
Band5-4233-3



Band5-4233-4

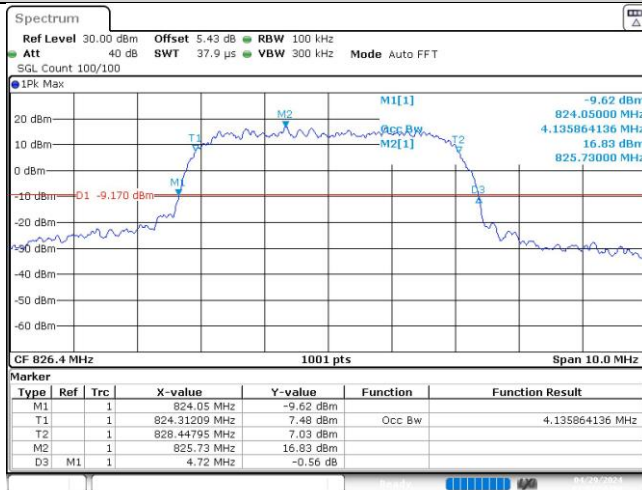


Band5-4132-1



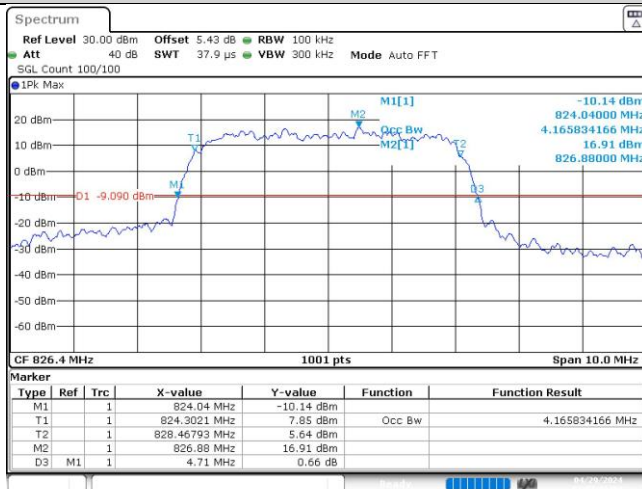
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Band5-4132-2



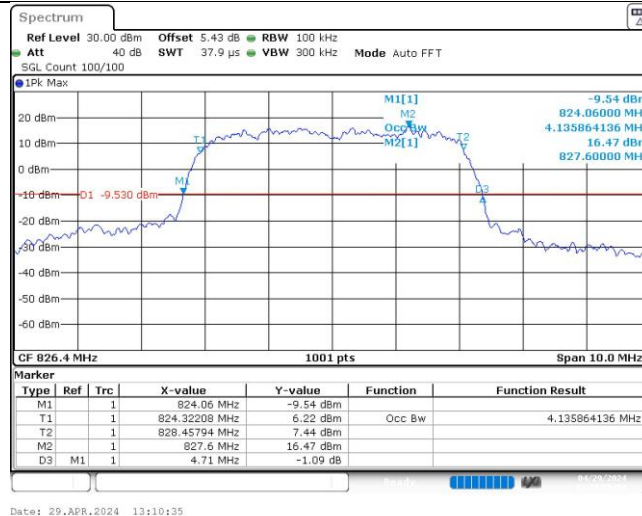
Date: 29.APR.2024 13:04:59

Band5-4132-3



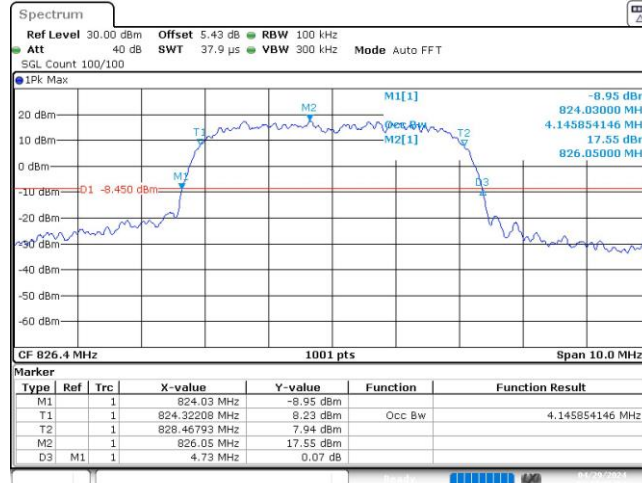
Date: 29.APR.2024 13:07:43

Band5-4132-4



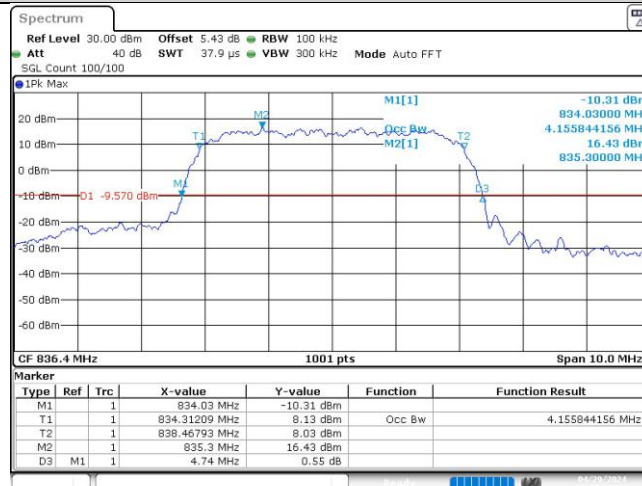
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Band5-4132-5



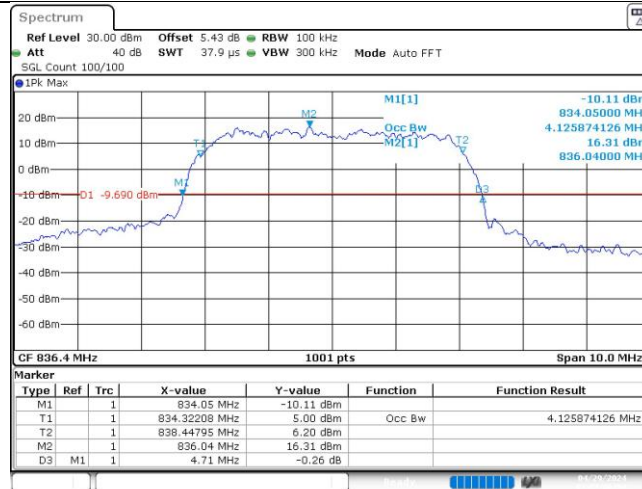
Date: 29.APR.2024 13:12:48

Band5-4182-1

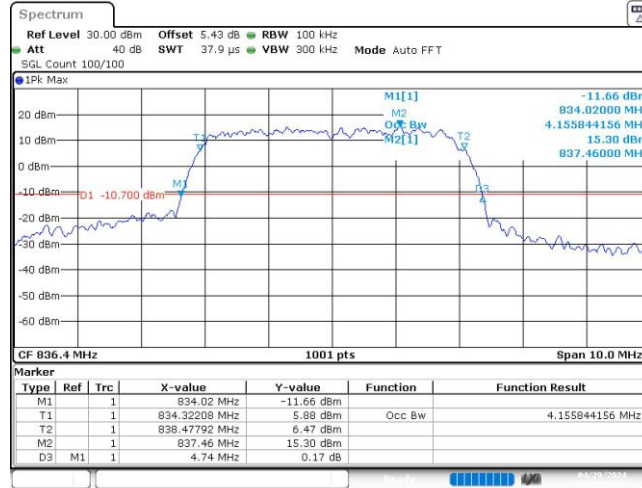


Date: 29.APR.2024 13:03:06

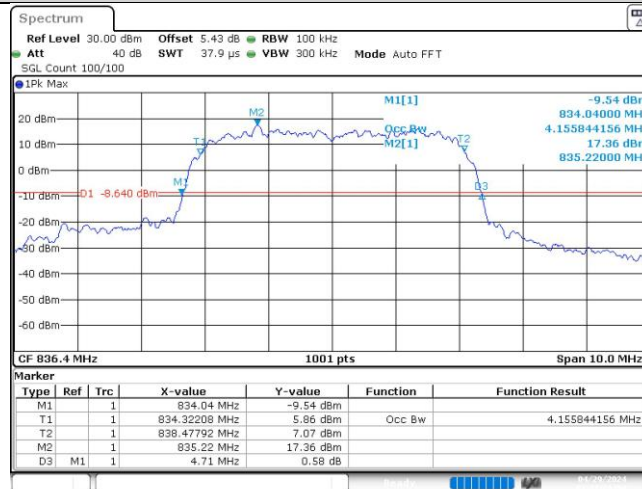
Band5-4182-2



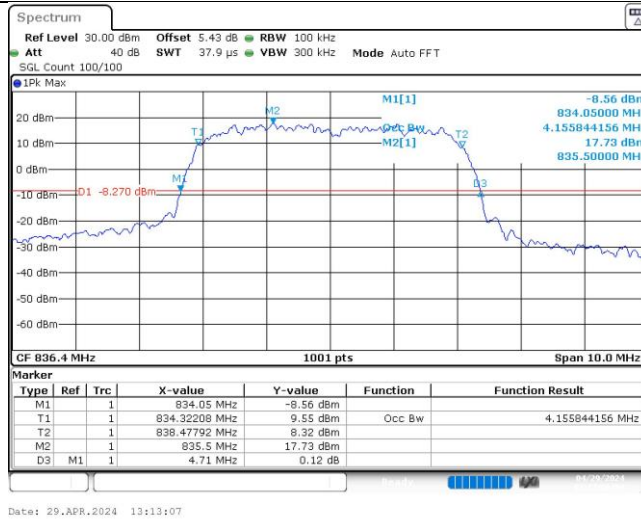
Band5-4182-3



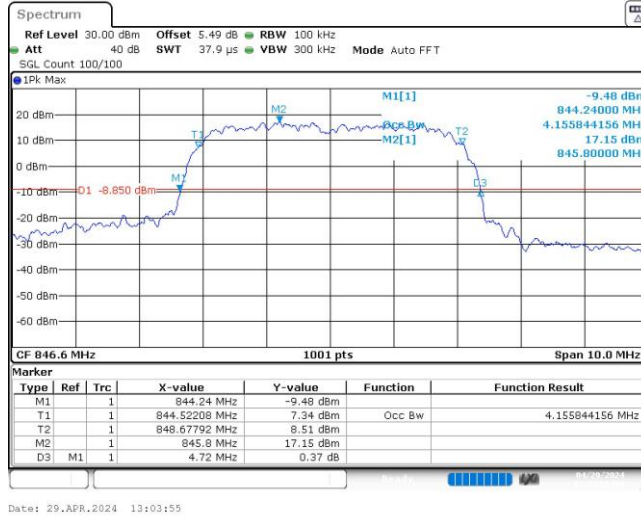
Band5-4182-4



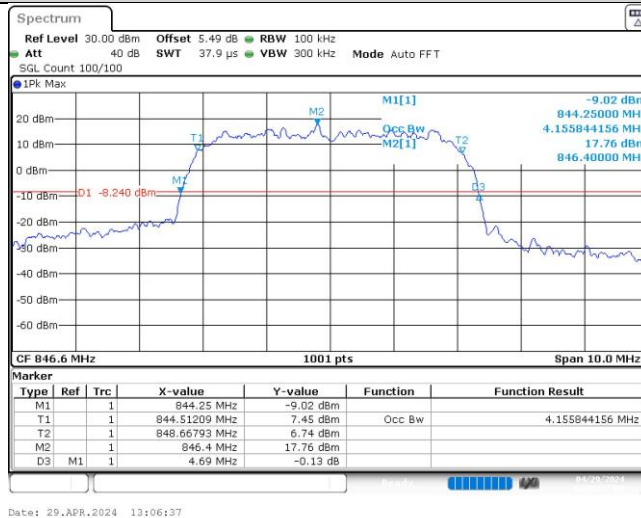
Band5-4182-5



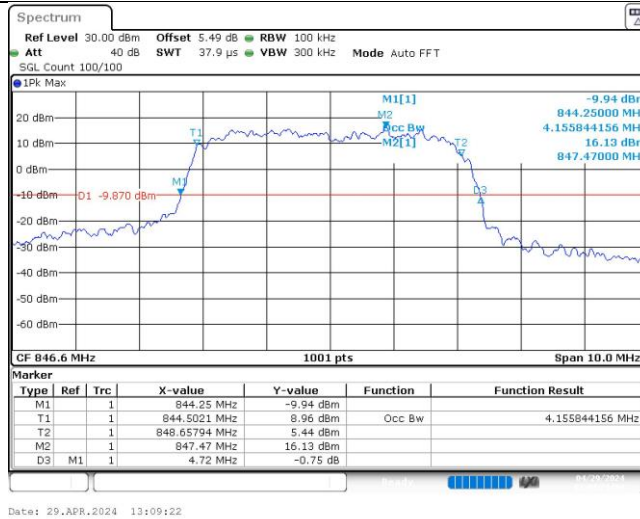
Band5-4233-1



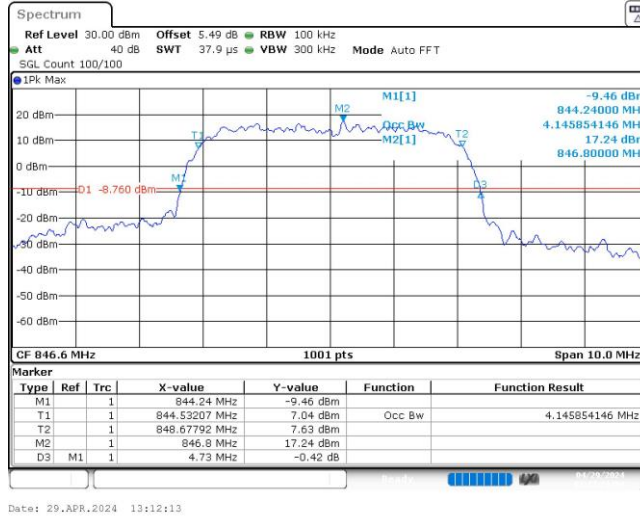
Band5-4233-2



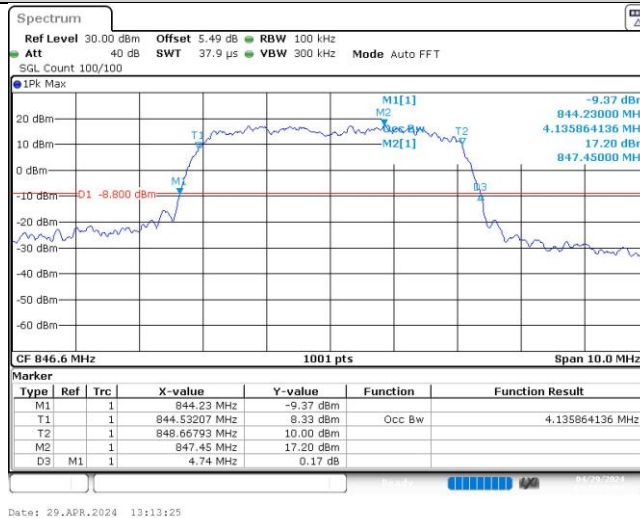
Band5-4233-3



Band5-4233-4



Band5-4233-5



APPENDIX C.4: BAND EDGE

Test Result

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band5	4132	824.00	-20.86	-13	PASS
Band5	4233	849.00	-16.82	-13	PASS

Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band5	4132	1	823.84	-19.48	-13	PASS
Band5	4132	2	824.00	-21.08	-13	PASS
Band5	4132	3	824.00	-18.75	-13	PASS
Band5	4132	4	824.00	-19.35	-13	PASS
Band5	4233	1	849.00	-18.78	-13	PASS
Band5	4233	2	849.00	-21.06	-13	PASS
Band5	4233	3	849.00	-23.21	-13	PASS
Band5	4233	4	849.00	-21.27	-13	PASS

Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band5	4132	1	824.00	-19.58	-13	PASS
Band5	4132	2	823.84	-19.31	-13	PASS
Band5	4132	3	824.00	-20.12	-13	PASS
Band5	4132	4	823.85	-20.05	-13	PASS
Band5	4132	5	824.00	-20.24	-13	PASS
Band5	4233	1	849.00	-20.00	-13	PASS
Band5	4233	2	849.00	-21.61	-13	PASS
Band5	4233	3	849.13	-24.26	-13	PASS
Band5	4233	4	849.00	-20.36	-13	PASS
Band5	4233	5	849.00	-20.21	-13	PASS