

Appendix-FCC-WCDMA-B5

1.1 AppendixA: Effective (Isotropic) Radiated Power Output Data

1.1.1 Test Result

Band	Channel	conducted power(dBm)	Max AntGain (dBi)	ERP (dBm)	Limit(dBm)	Verdict
Band5	4132	24.84	-1.99	22. 85	38.45	PASS
Band5	4182	25.00	-1.99	23. 01	38.45	PASS
Band5	4233	24.64	-1.99	22. 65	38.45	PASS

Band	Channel	SubTest	conducted power(dBm)	Max AntGain (dBi)	ERP (dBm)	Limit(dBm)	Verdict
Band5	4132	1	23.88	-1.99	21.89	38.45	PASS
Band5	4132	2	23.18	-1.99	21.19	38.45	PASS
Band5	4132	3	23.19	-1.99	21.20	38.45	PASS
Band5	4132	4	23.36	-1.99	21.37	38.45	PASS
Band5	4182	1	23.70	-1.99	21.71	38.45	PASS
Band5	4182	2	23.29	-1.99	21.30	38.45	PASS
Band5	4182	3	23.22	-1.99	21.23	38.45	PASS
Band5	4182	4	23.63	-1.99	21.64	38.45	PASS
Band5	4233	1	23.98	-1.99	21.99	38.45	PASS
Band5	4233	2	23.49	-1.99	21.50	38.45	PASS
Band5	4233	3	23.34	-1.99	21.35	38.45	PASS
Band5	4233	4	23.73	-1.99	21.74	38.45	PASS

Band	Channel	SubTest	conducted power(dBm)	Max AntGain (dBi)	ERP (dBm)	Limit(dBm)	Verdict
Band5	4132	1	22.34	-1.99	20.35	38.45	PASS
Band5	4132	2	22.02	-1.99	20.03	38.45	PASS
Band5	4132	3	23.37	-1.99	21.38	38.45	PASS
Band5	4132	4	21.13	-1.99	19.14	38.45	PASS
Band5	4132	5	23.44	-1.99	21.45	38.45	PASS
Band5	4182	1	22.28	-1.99	20.29	38.45	PASS
Band5	4182	2	22.24	-1.99	20.25	38.45	PASS
Band5	4182	3	22.30	-1.99	20.31	38.45	PASS
Band5	4182	4	21.62	-1.99	19.63	38.45	PASS
Band5	4182	5	23.13	-1.99	21.14	38.45	PASS
Band5	4233	1	22.45	-1.99	20.46	38.45	PASS
Band5	4233	2	22.01	-1.99	20.02	38.45	PASS
Band5	4233	3	22.78	-1.99	20.79	38.45	PASS
Band5	4233	4	21.81	-1.99	19.82	38.45	PASS
Band5	4233	5	22.61	-1.99	20.62	38.45	PASS

1.2 AppendixB:Peak-to-Average Ratio

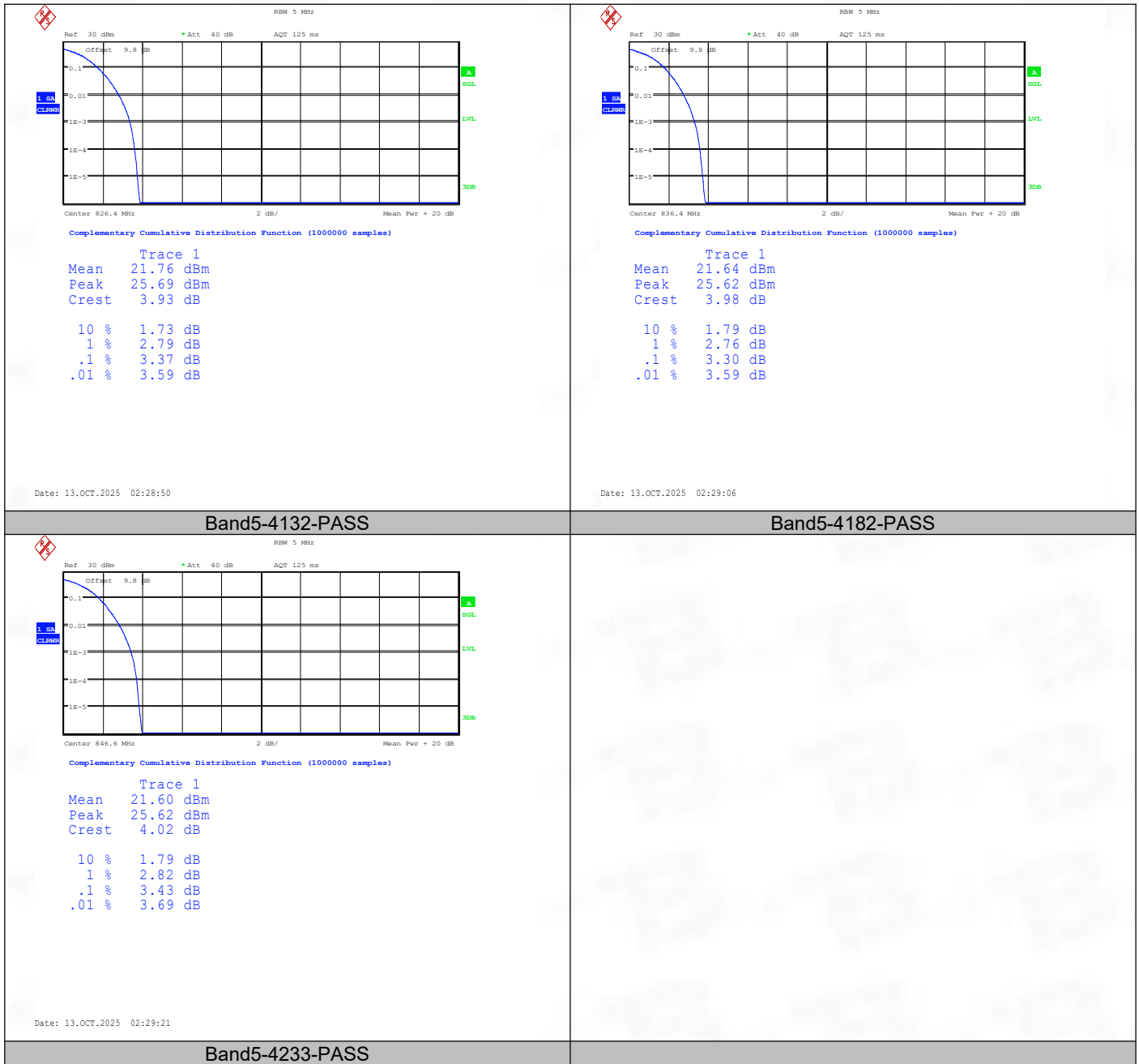
1.2.1 Test Result

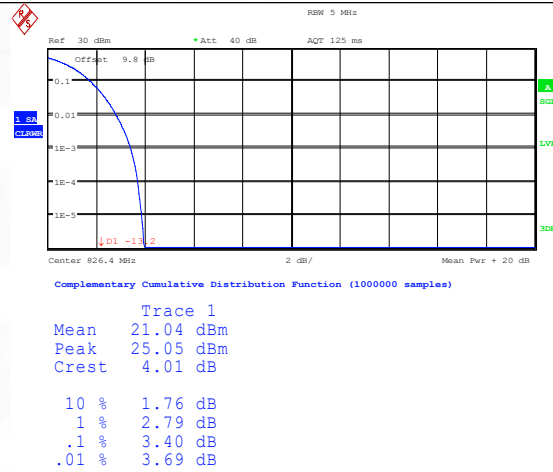
Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band5	4132	3.37	13	PASS
Band5	4182	3.3	13	PASS
Band5	4233	3.43	13	PASS

Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band5	4132	-999	3.4	13	PASS
Band5	4182	-999	3.37	13	PASS
Band5	4233	-999	3.46	13	PASS

Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band5	4132	-999	4.55	13	PASS
Band5	4182	-999	4.52	13	PASS
Band5	4233	-999	4.62	13	PASS

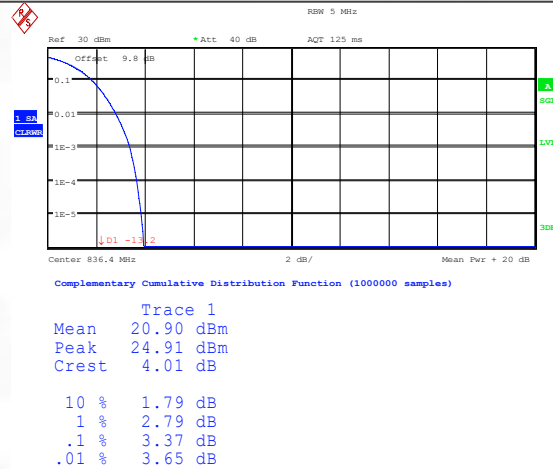
1.2.2 Test Graphs





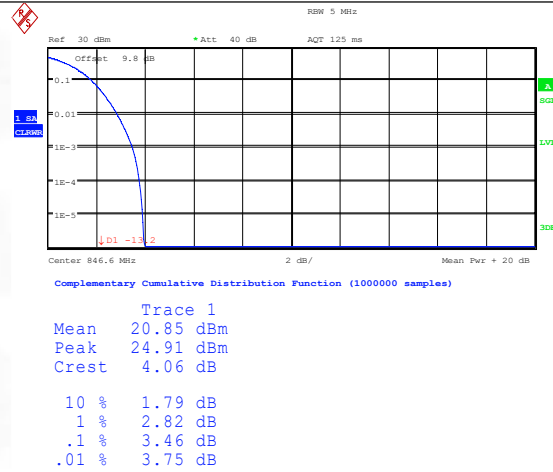
Date: 13.OCT.2025 02:42:08

Band5-4132--999-PASS



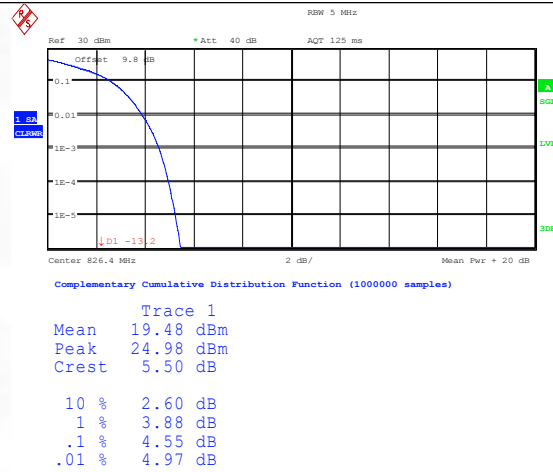
Date: 13.OCT.2025 02:42:26

Band5-4182--999-PASS



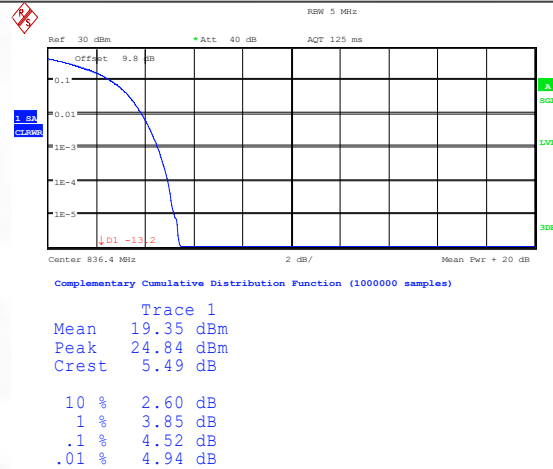
Date: 13.OCT.2025 02:42:46

Band5-4233--999-PASS



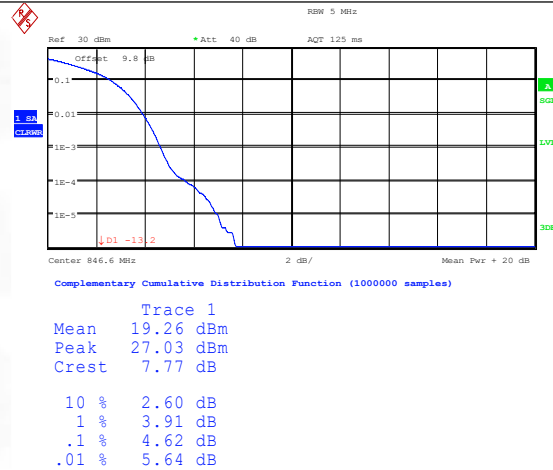
Date: 13.OCT.2025 03:00:46

Band5-4132--999-PASS



Date: 13.OCT.2025 03:01:44

Band5-4182--999-PASS



Date: 13.OCT.2025 03:02:47

Band5-4233--999-PASS

1.3 AppendixC:26dB Bandwidth andOccupied Bandwidth

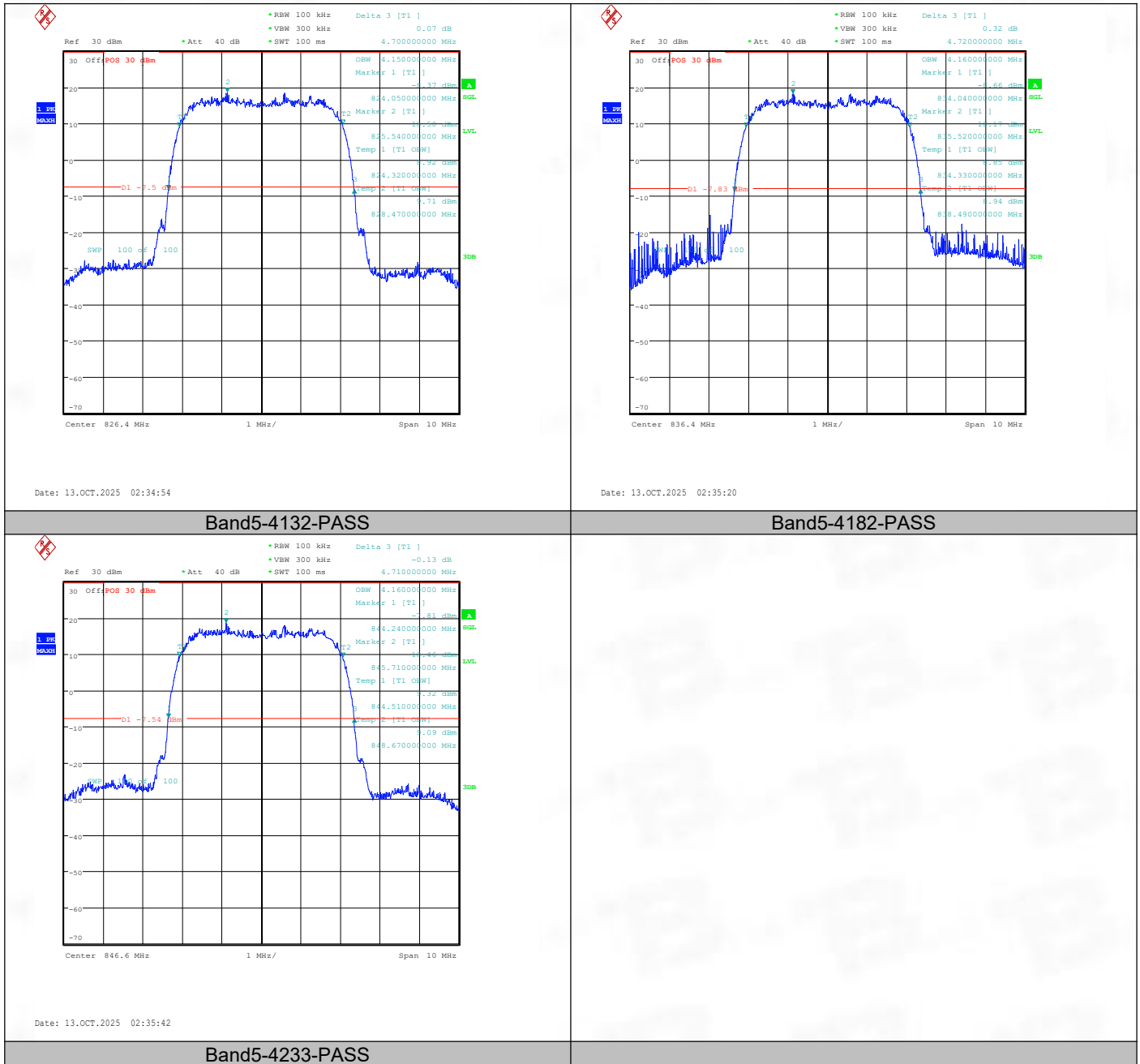
1.3.1 Test Result

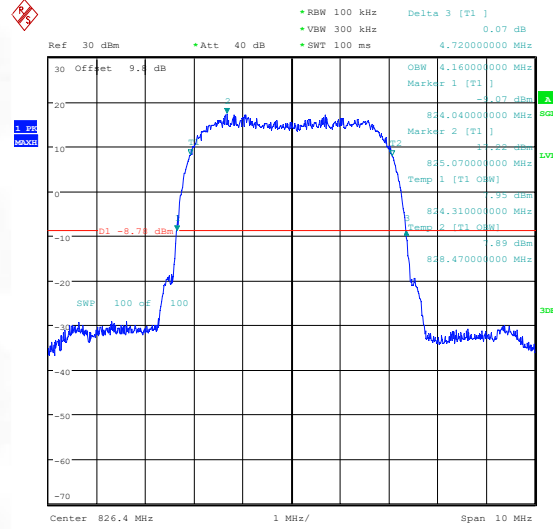
Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band5	4132	4.15	4.70	---	PASS
Band5	4182	4.16	4.72	---	PASS
Band5	4233	4.16	4.71	---	PASS

Band	Channel	SubTest	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band5	4132	-999	4.16	4.72	---	PASS
Band5	4182	-999	4.17	4.72	---	PASS
Band5	4233	-999	4.17	4.73	---	PASS

Band	Channel	SubTest	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band5	4132	-999	4.17	4.72	---	PASS
Band5	4182	-999	4.18	4.72	---	PASS
Band5	4233	-999	4.19	4.73	---	PASS

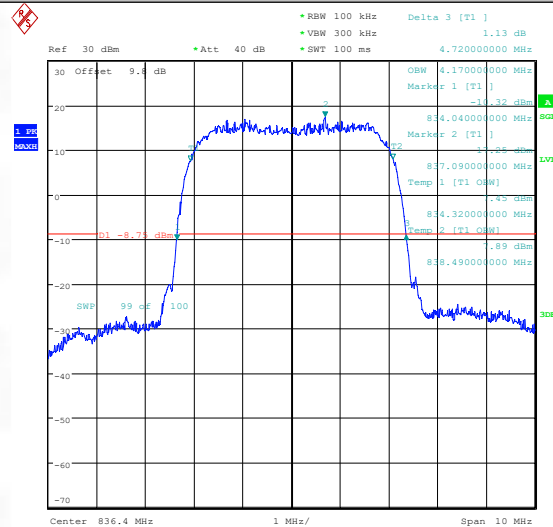
1.3.2 Test Graphs





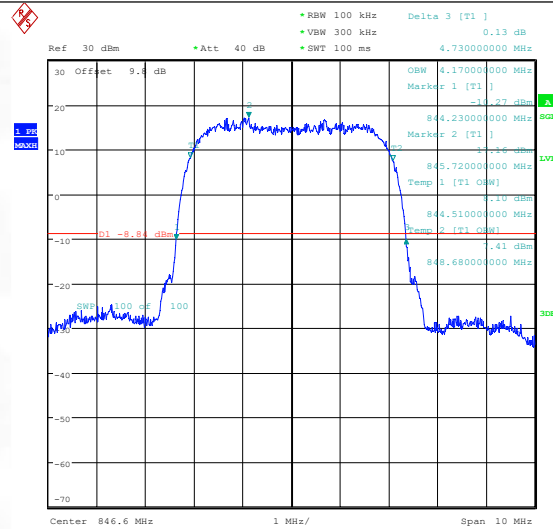
Date: 13.OCT.2025 02:49:56

Band5-4132--999-PASS



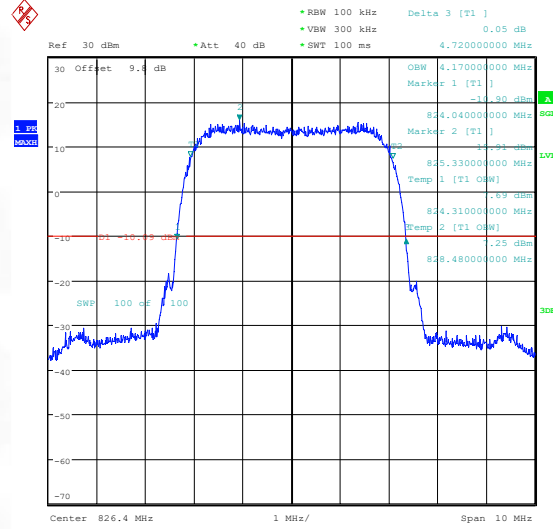
Date: 13.OCT.2025 02:50:26

Band5-4182--999-PASS



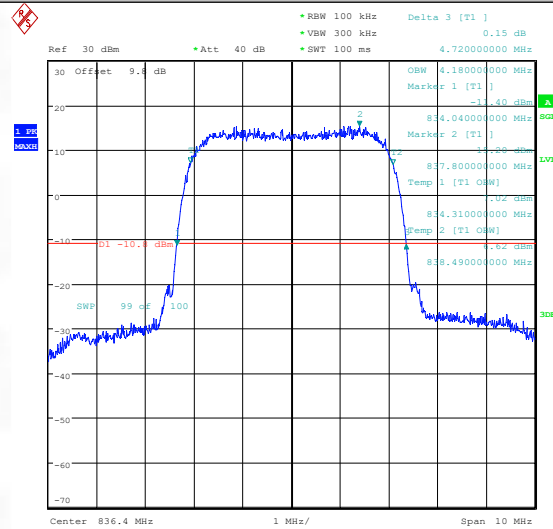
Date: 13.OCT.2025 02:50:56

Band5-4233--999-PASS



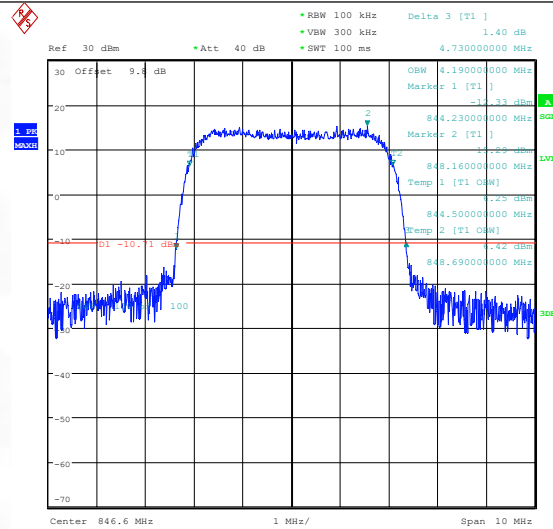
Date: 13.OCT.2025 03:09:47

Band5-4132--999-PASS



Date: 13.OCT.2025 03:11:30

Band5-4182--999-PASS



Date: 13.OCT.2025 03:12:46

Band5-4233--999-PASS

1.4 AppendixD:Band Edge

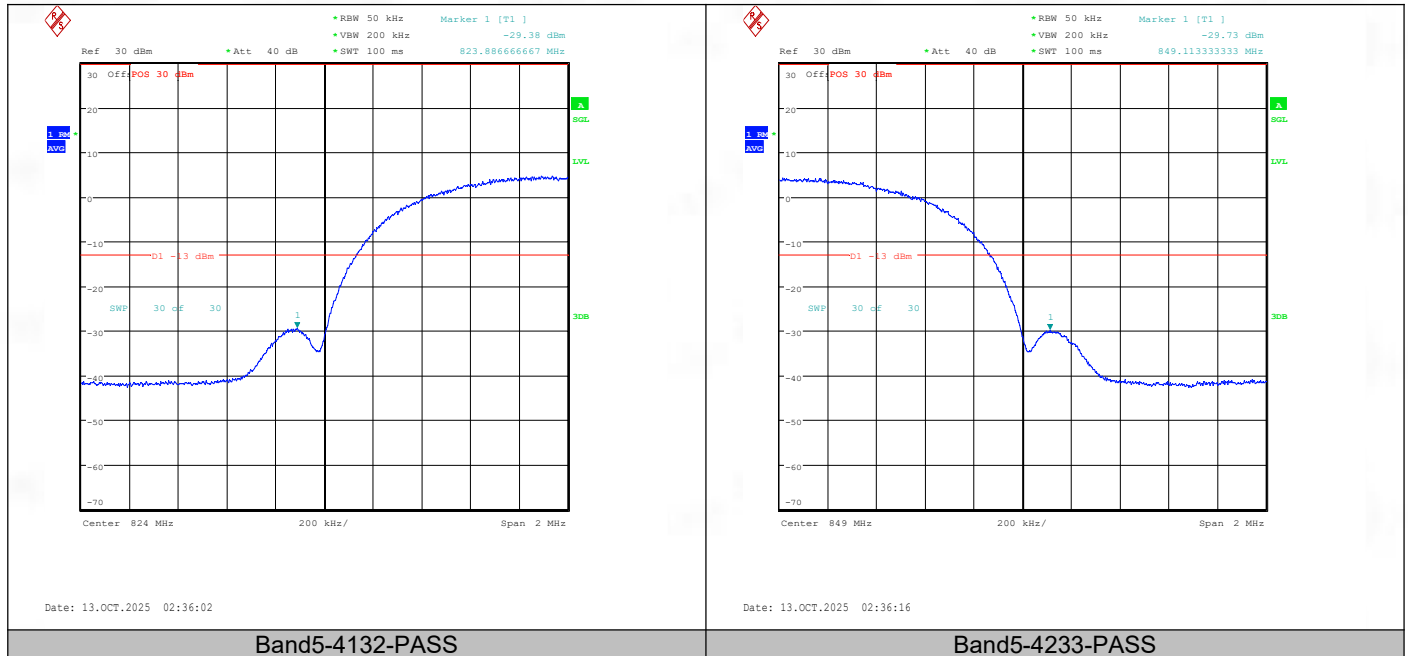
1.4.1 Test Result

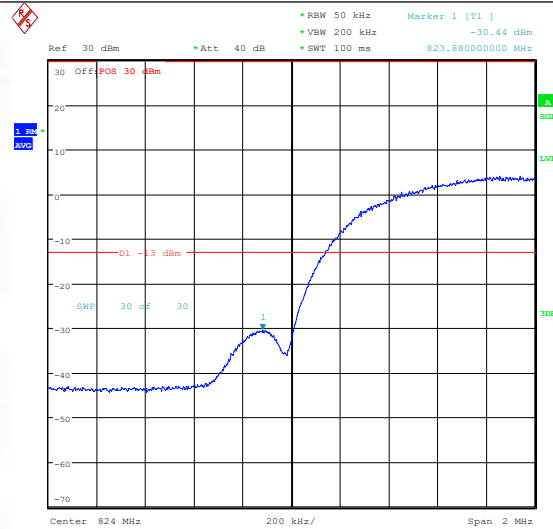
Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band5	4132	823.89	-29.38	-13	PASS
Band5	4233	849.11	-29.73	-13	PASS

Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band5	4132	-999	823.88	-30.44	-13	PASS
Band5	4233	-999	849.12	-30.74	-13	PASS

Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band5	4132	-999	823.89	-31.65	-13	PASS
Band5	4233	-999	849.12	-31.93	-13	PASS

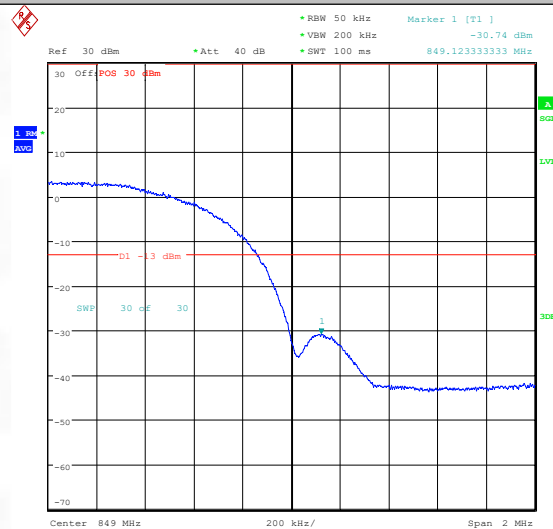
1.4.2 Test Graphs





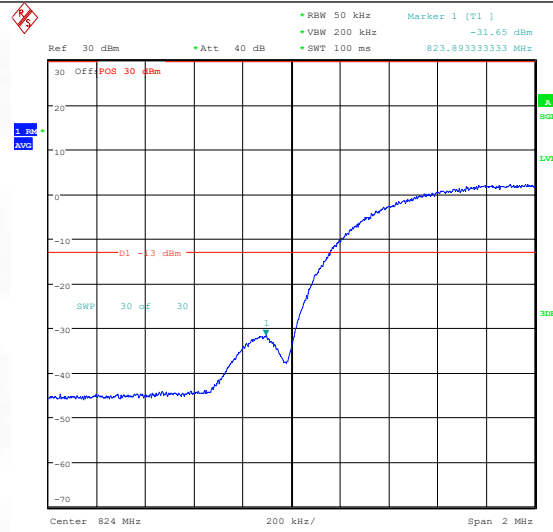
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Band5-4132--999-PASS



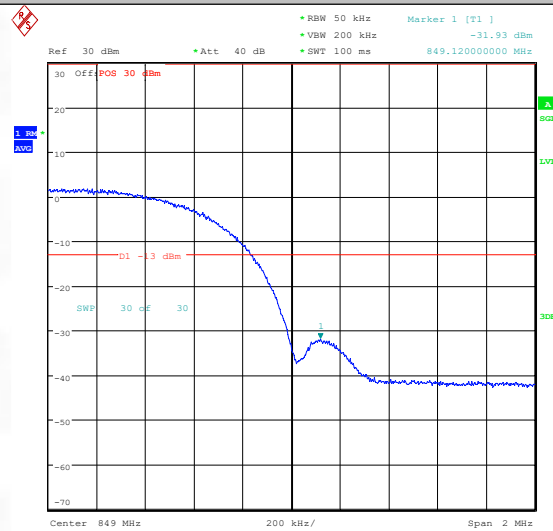
Date: 13.OCT.2025 02:51:53

Band5-4233--999-PASS



Date: 13.OCT.2025 03:13:34

Band5-4132--999-PASS



Date: 13.OCT.2025 03:15:04

Band5-4233--999-PASS

1.5 AppendixE:Conducted SpuriousEmission

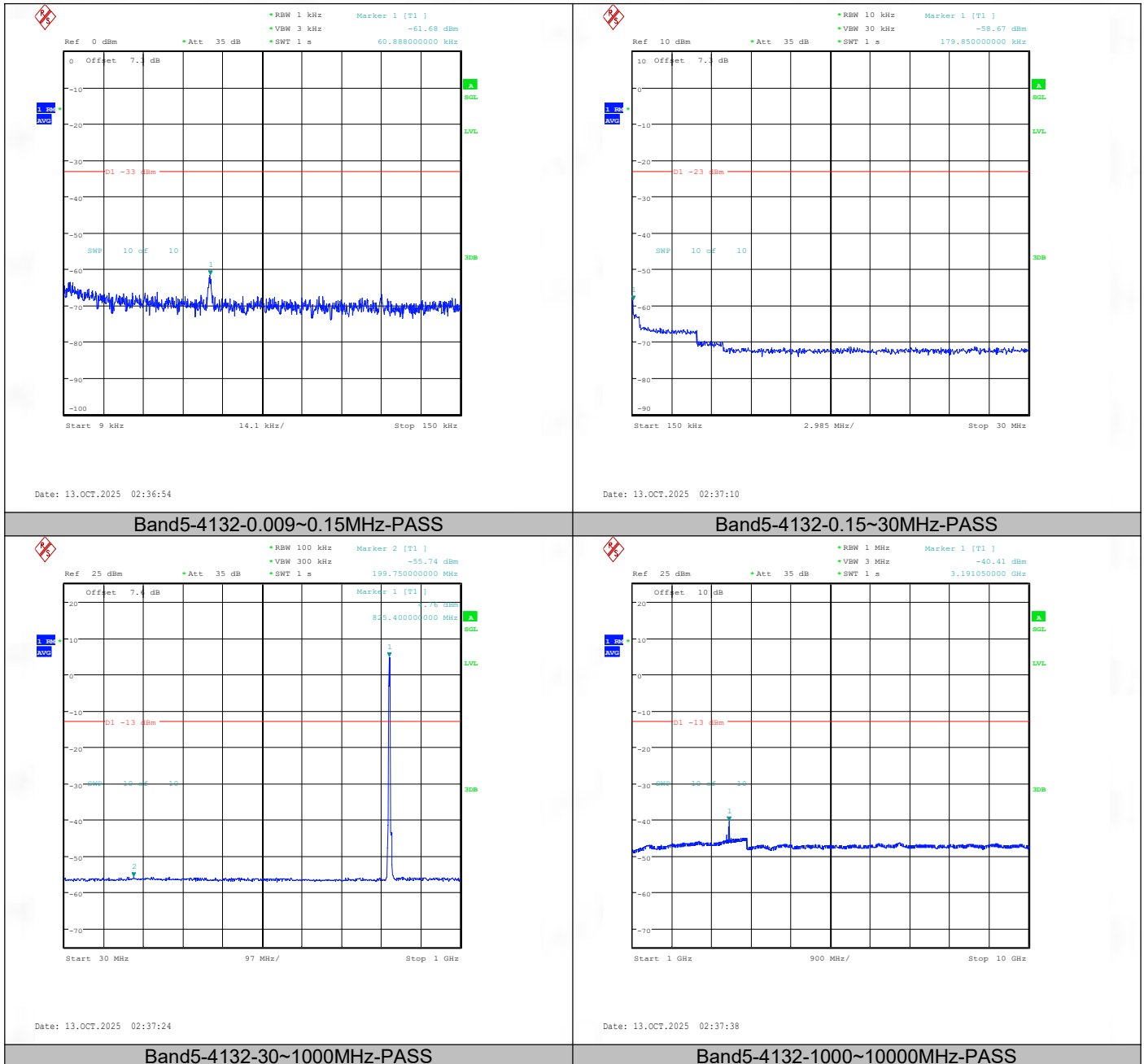
1.5.1 Test Result

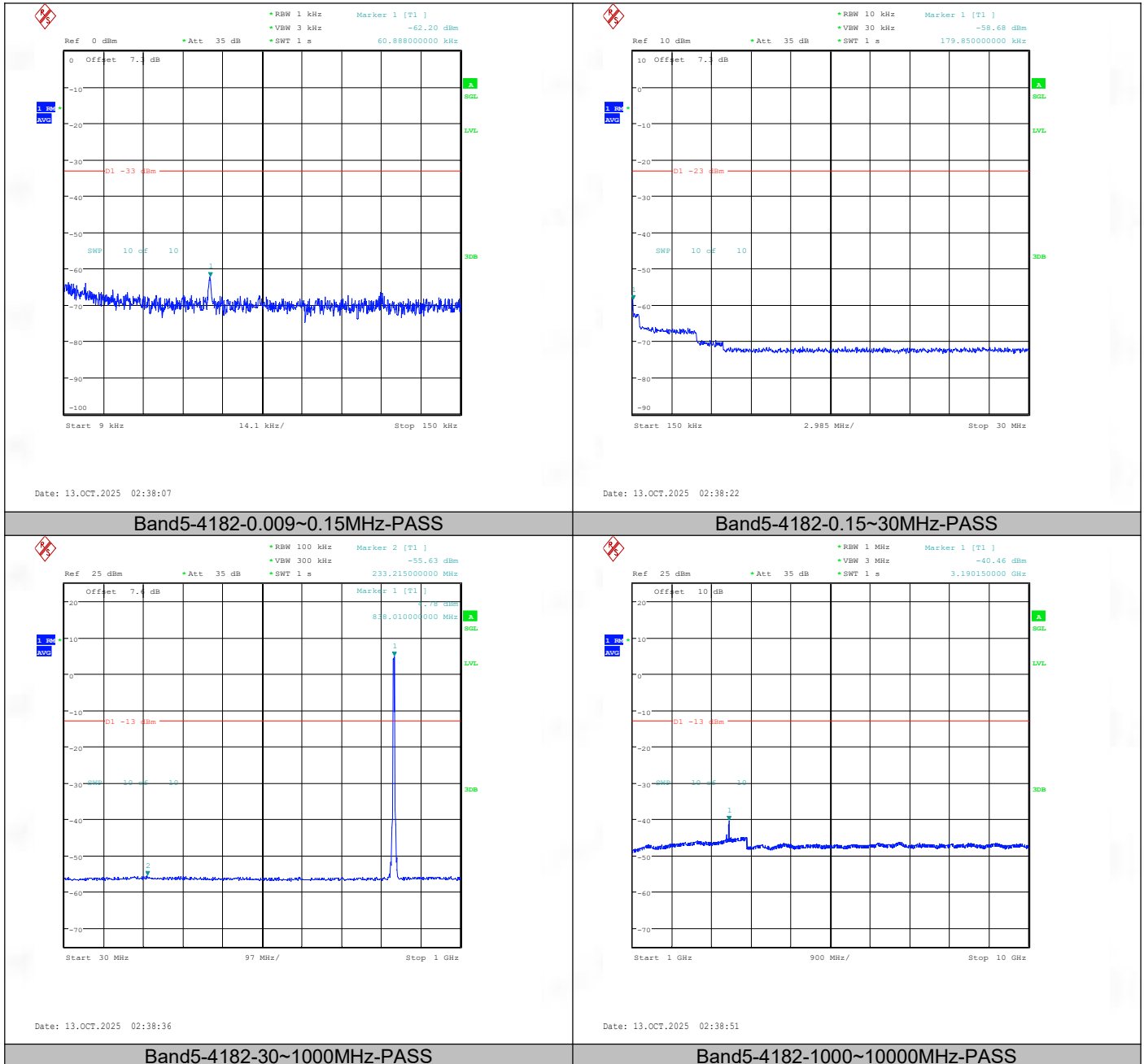
Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band5	4132	0.009~0.15MHz	0.06	-61.68	-33	PASS
Band5	4132	0.15~30MHz	0.18	-58.67	-23	PASS
Band5	4132	30~1000MHz	199.75	-55.74	-13	PASS
Band5	4132	1000~10000MHz	3191.05	-40.41	-13	PASS
Band5	4182	0.009~0.15MHz	0.06	-62.2	-33	PASS
Band5	4182	0.15~30MHz	0.18	-58.68	-23	PASS
Band5	4182	30~1000MHz	233.22	-55.63	-13	PASS
Band5	4182	1000~10000MHz	3190.15	-40.46	-13	PASS
Band5	4233	0.009~0.15MHz	0.06	-62.85	-33	PASS
Band5	4233	0.15~30MHz	0.18	-58.77	-23	PASS
Band5	4233	30~1000MHz	151.25	-55.73	-13	PASS
Band5	4233	1000~10000MHz	3189.7	-39.73	-13	PASS

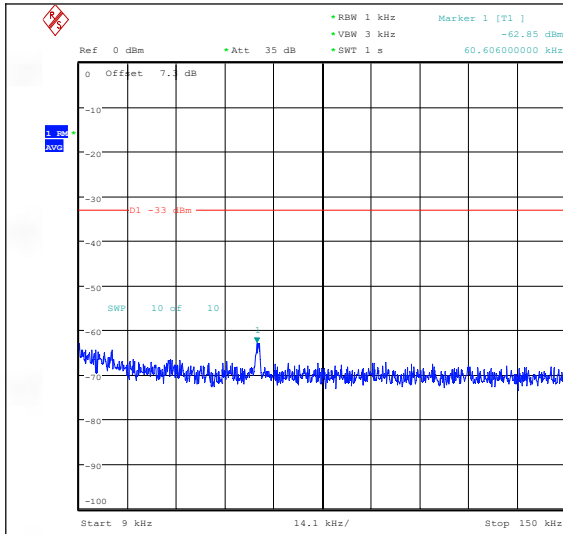
Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band5	4132	-999	0.009~0.15MHz	0.06	-61.7	-33	PASS
Band5	4132	-999	0.15~30MHz	0.15	-58.52	-23	PASS
Band5	4132	-999	30~1000MHz	231.28	-55.73	-13	PASS
Band5	4132	-999	1000~10000MHz	3191.05	-40.44	-13	PASS
Band5	4182	-999	0.009~0.15MHz	0.06	-62.3	-33	PASS
Band5	4182	-999	0.15~30MHz	0.18	-58.98	-23	PASS
Band5	4182	-999	30~1000MHz	198.3	-55.73	-13	PASS
Band5	4182	-999	1000~10000MHz	3190.15	-39.93	-13	PASS
Band5	4233	-999	0.009~0.15MHz	0.06	-61.97	-33	PASS
Band5	4233	-999	0.15~30MHz	0.18	-58.99	-23	PASS
Band5	4233	-999	30~1000MHz	223.52	-55.75	-13	PASS
Band5	4233	-999	1000~10000MHz	3189.7	-40	-13	PASS

Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band5	4132	-999	0.009~0.15MHz	0.06	-62.04	-33	PASS
Band5	4132	-999	0.15~30MHz	0.15	-58.34	-23	PASS
Band5	4132	-999	30~1000MHz	198.78	-55.69	-13	PASS
Band5	4132	-999	1000~10000MHz	3191.95	-40.2	-13	PASS
Band5	4182	-999	0.009~0.15MHz	0.06	-62.22	-33	PASS
Band5	4182	-999	0.15~30MHz	0.15	-58.38	-23	PASS
Band5	4182	-999	30~1000MHz	200.72	-55.67	-13	PASS
Band5	4182	-999	1000~10000MHz	3190.15	-40.02	-13	PASS
Band5	4233	-999	0.009~0.15MHz	0.06	-62.03	-33	PASS
Band5	4233	-999	0.15~30MHz	0.18	-58.82	-23	PASS
Band5	4233	-999	30~1000MHz	196.84	-55.84	-13	PASS
Band5	4233	-999	1000~10000MHz	3188.8	-40.23	-13	PASS

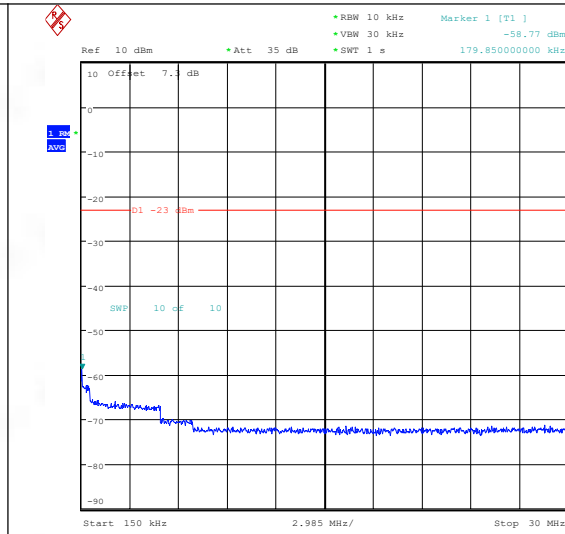
1.5.2 Test Graphs





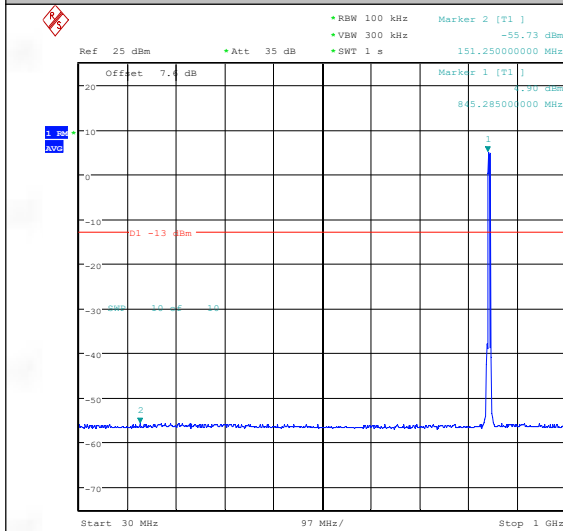


Date: 13.OCT.2025 02:39:20



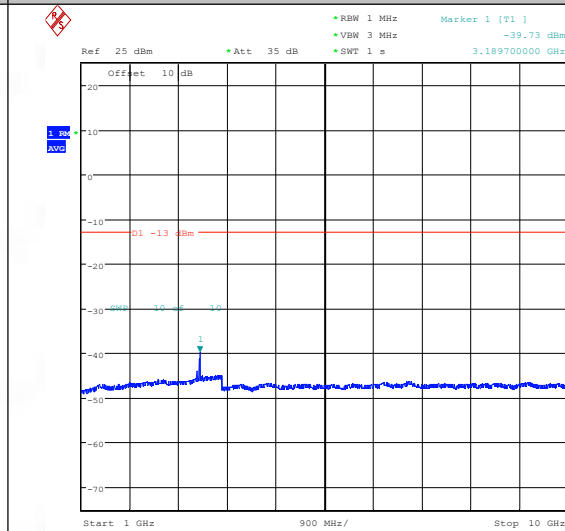
Date: 13.OCT.2025 02:39:35

Band5-4233-0.009~0.15MHz-PASS



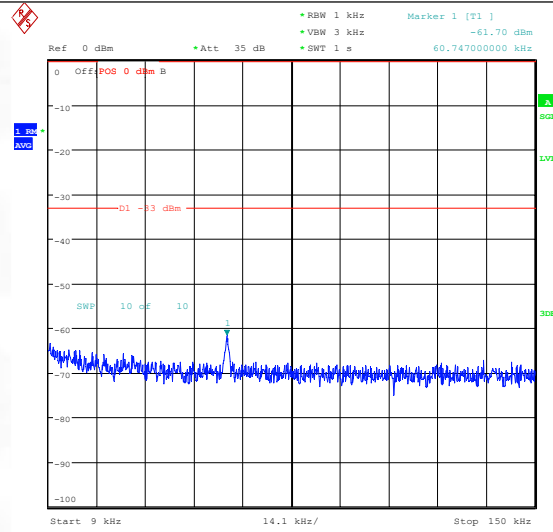
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Band5-4233-30~1000MHz-PASS



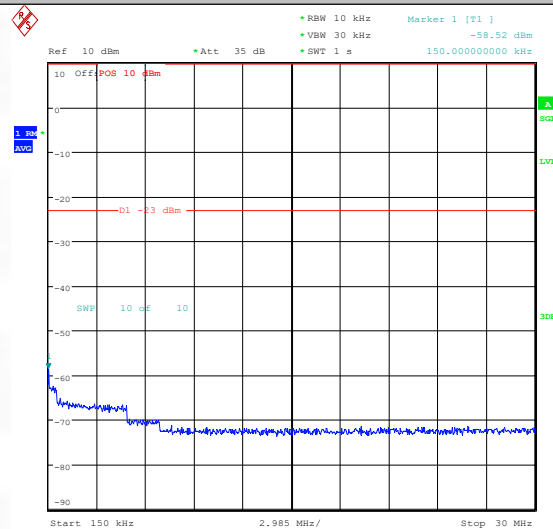
Date: 13.OCT.2025 02:40:05

Band5-4233-1000~10000MHz-PASS



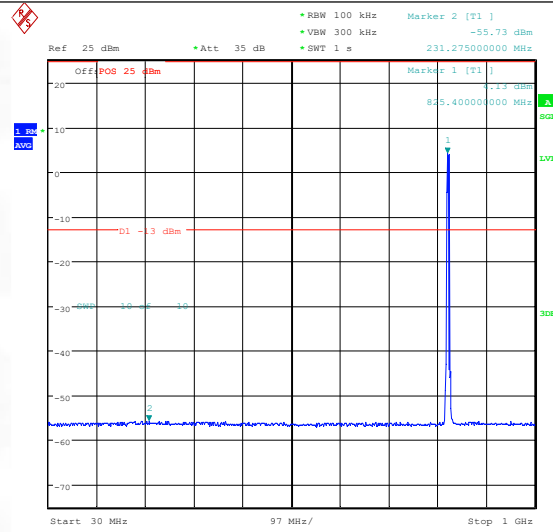
Date: 13.OCT.2025 02:52:40

Band5-4132--999-0.009~0.15MHz-PASS



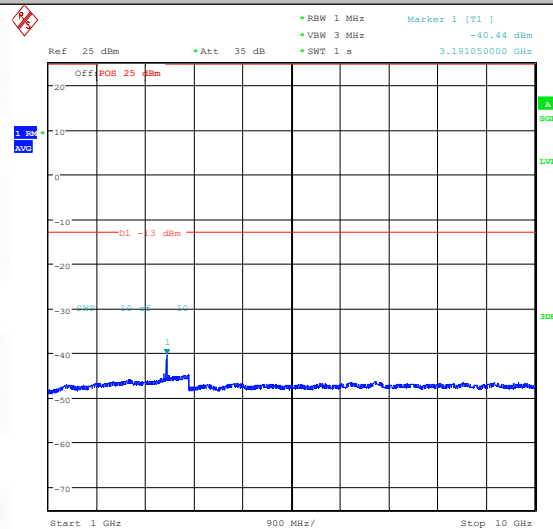
Date: 13.OCT.2025 02:52:57

Band5-4132--999-0.15~30MHz-PASS



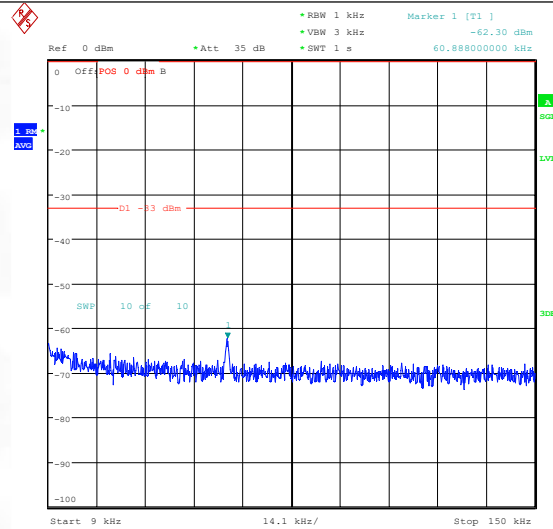
Date: 13.OCT.2025 02:53:14

Band5-4132--999-30~1000MHz-PASS



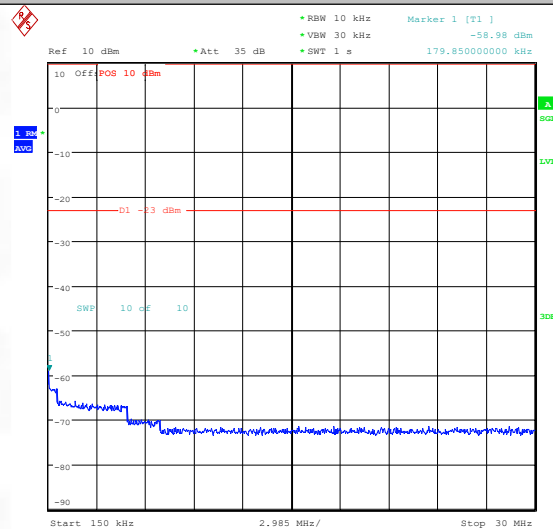
Date: 13.OCT.2025 02:53:30

Band5-4132--999-1000~10000MHz-PASS



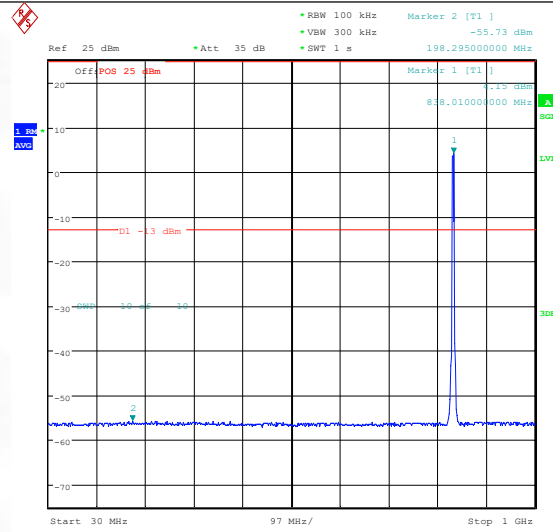
Date: 13.OCT.2025 02:53:55

Band5-4182--999-0.009~0.15MHz-PASS



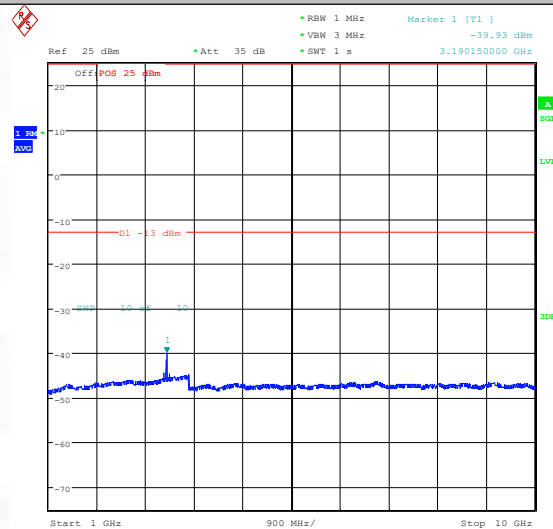
Date: 13.OCT.2025 02:54:11

Band5-4182--999-0.15~30MHz-PASS



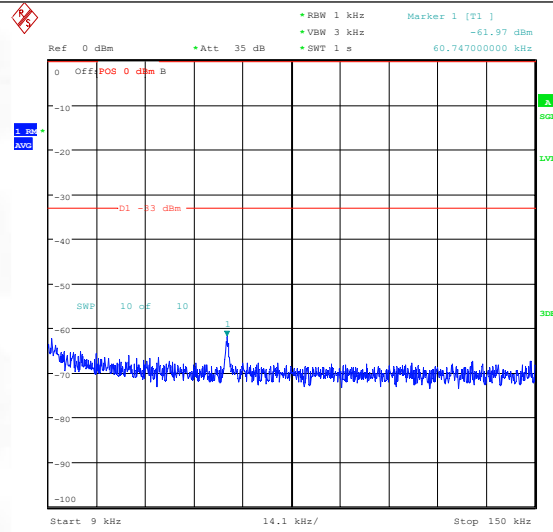
Date: 13.OCT.2025 02:54:28

Band5-4182--999-30~1000MHz-PASS



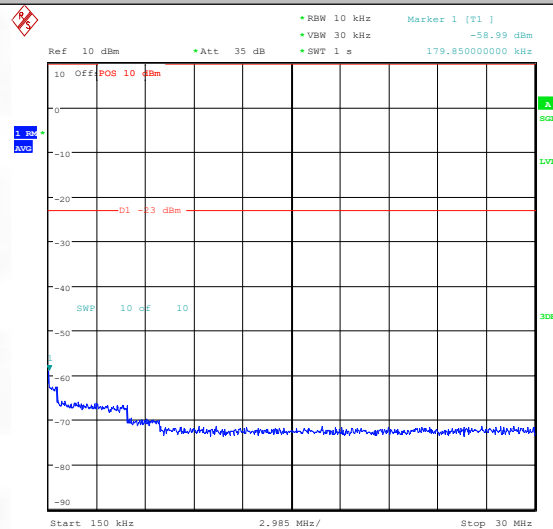
Date: 13.OCT.2025 02:54:45

Band5-4182--999-1000~10000MHz-PASS



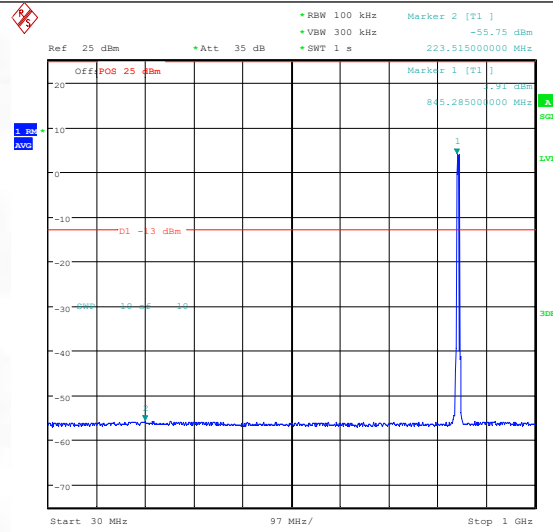
Date: 13.OCT.2025 02:55:10

Band5-4233--999-0.009~0.15MHz-PASS



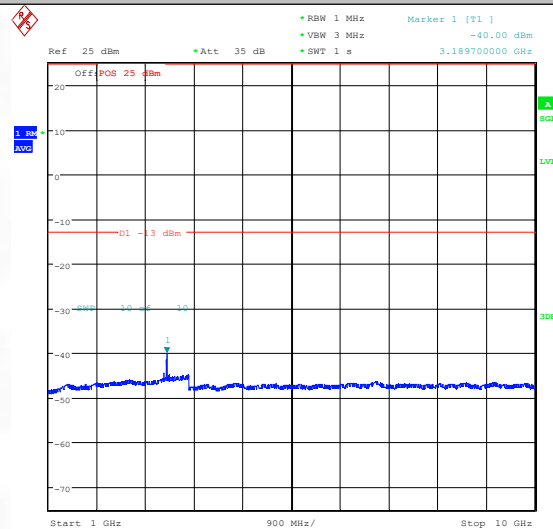
Date: 13.OCT.2025 02:55:26

Band5-4233--999-0.15~30MHz-PASS



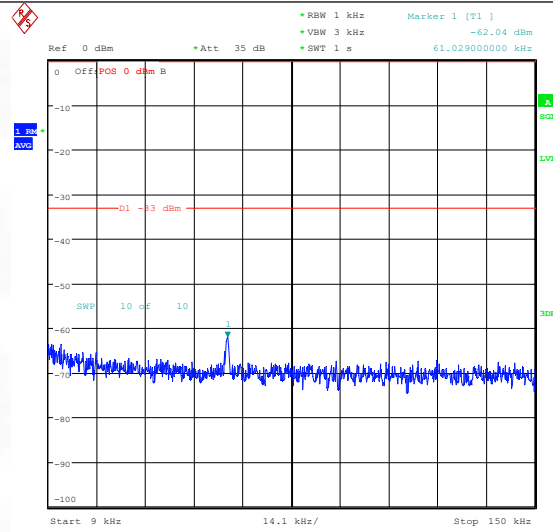
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Band5-4233--999-30~1000MHz-PASS



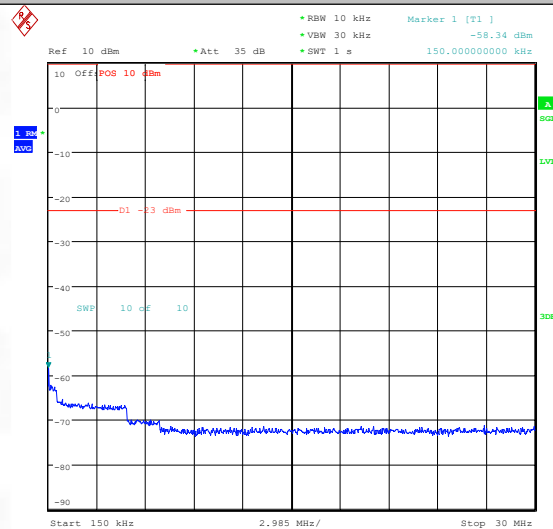
Date: 13.OCT.2025 02:55:59

Band5-4233--999-1000~10000MHz-PASS



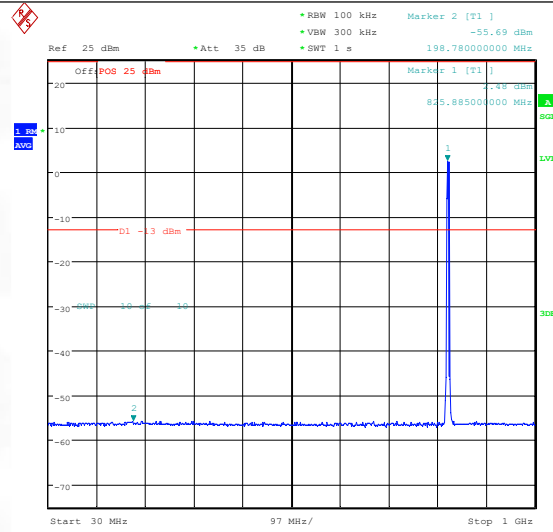
Date: 13.OCT.2025 03:15:59

Band5-4132--999-0.009~0.15MHz-PASS



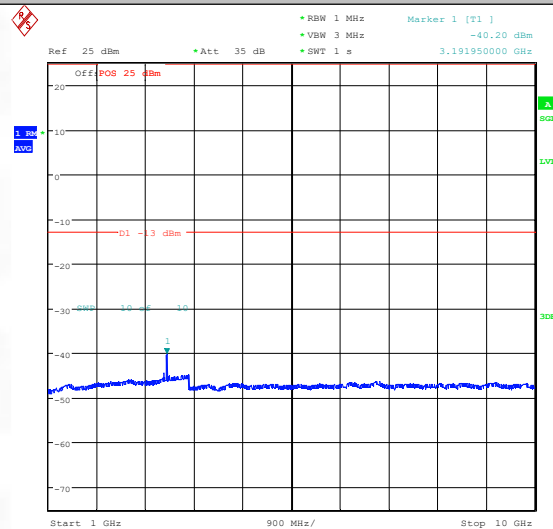
Date: 13.OCT.2025 03:16:15

Band5-4132--999-0.15~30MHz-PASS



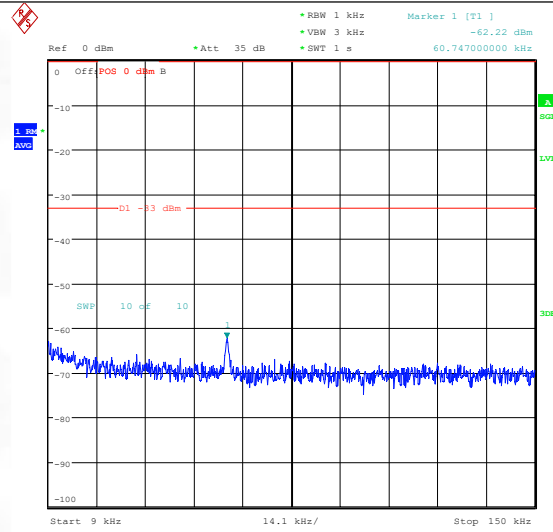
Date: 13.OCT.2025 03:16:32

Band5-4132--999-30~1000MHz-PASS



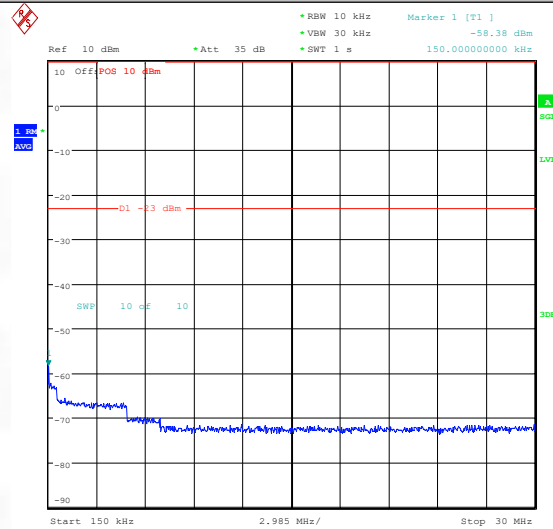
Date: 13.OCT.2025 03:16:48

Band5-4132--999-1000~10000MHz-PASS



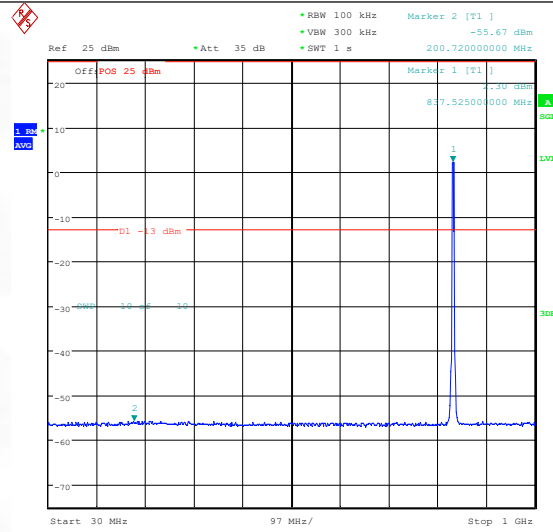
Date: 13.OCT.2025 03:18:16

Band5-4182--999-0.009~0.15MHz-PASS



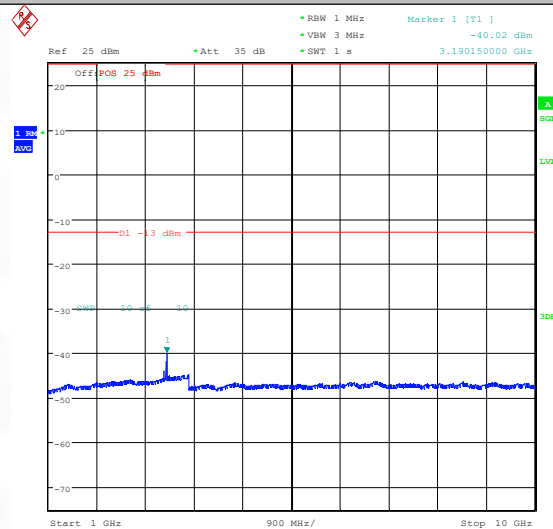
Date: 13.OCT.2025 03:18:33

Band5-4182--999-0.15~30MHz-PASS



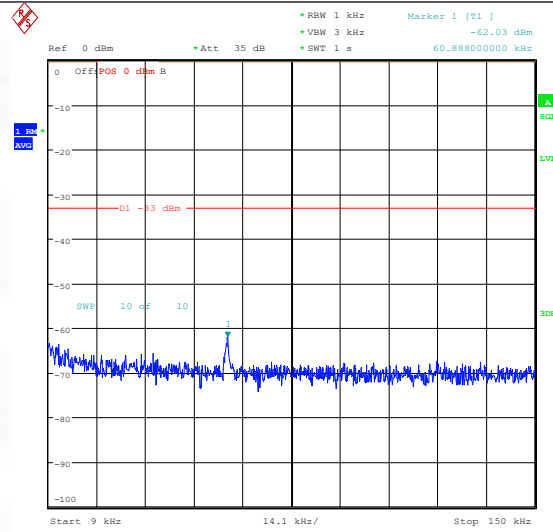
Date: 13.OCT.2025 03:18:50

Band5-4182--999-30~1000MHz-PASS



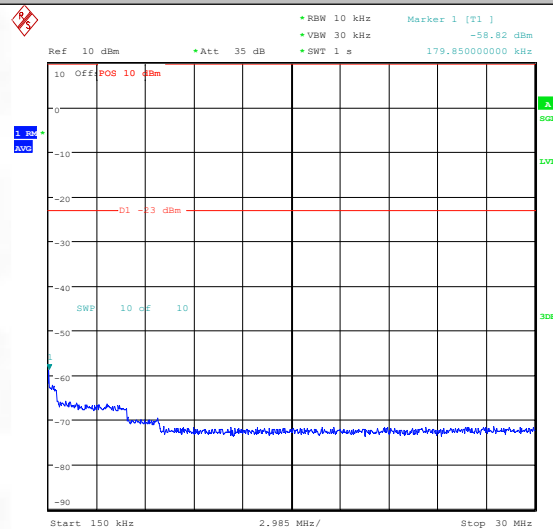
Date: 13.OCT.2025 03:19:06

Band5-4182--999-1000~10000MHz-PASS



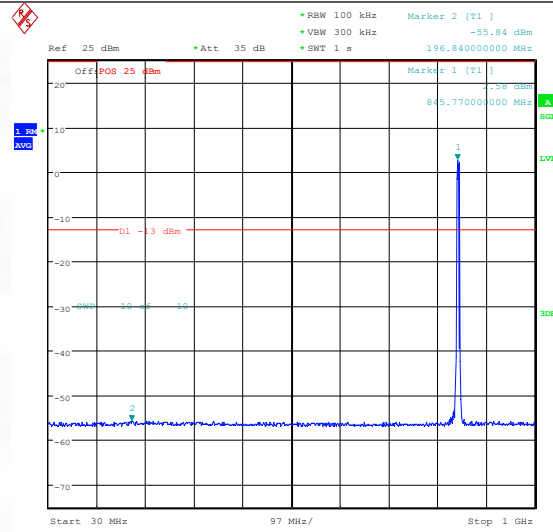
Date: 13.OCT.2025 03:20:13

Band5-4233--999-0.009~0.15MHz-PASS



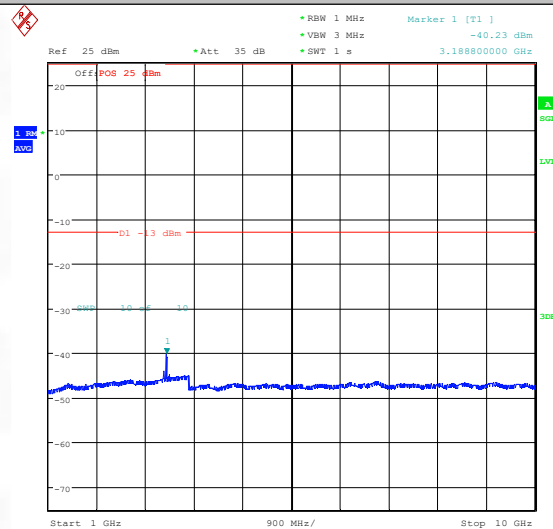
Date: 13.OCT.2025 03:20:29

Band5-4233--999-0.15~30MHz-PASS



Date: 13.OCT.2025 03:20:46

Band5-4233--999-30~1000MHz-PASS



Date: 13.OCT.2025 03:21:02

Band5-4233--999-1000~10000MHz-PASS

1.6 AppendixF:Frequency Stability

1.6.1 Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	VN	NT	-1.29	-0.001561	±2.5	PASS
Band5	4132	VL	NT	-3.78	-0.004574	±2.5	PASS
Band5	4132	VH	NT	-4.63	-0.005603	±2.5	PASS
Band5	4182	VN	NT	-5.19	-0.006205	±2.5	PASS
Band5	4182	VL	NT	-6.28	-0.007508	±2.5	PASS
Band5	4182	VH	NT	-4.17	-0.004986	±2.5	PASS
Band5	4233	VN	NT	-3.81	-0.004500	±2.5	PASS
Band5	4233	VL	NT	-2.25	-0.002658	±2.5	PASS
Band5	4233	VH	NT	-4.02	-0.004748	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	NV	-30	-3.81	-0.004610	±2.5	PASS
Band5	4132	NV	-20	-4.91	-0.005941	±2.5	PASS
Band5	4132	NV	-10	-0.61	-0.000738	±2.5	PASS
Band5	4132	NV	0	-3.81	-0.004610	±2.5	PASS
Band5	4132	NV	10	-2.22	-0.002686	±2.5	PASS
Band5	4132	NV	20	-3.98	-0.004816	±2.5	PASS
Band5	4132	NV	30	-5.16	-0.006244	±2.5	PASS
Band5	4132	NV	40	-3.31	-0.004005	±2.5	PASS
Band5	4132	NV	50	-3.50	-0.004235	±2.5	PASS
Band5	4182	NV	-30	-3.33	-0.003981	±2.5	PASS
Band5	4182	NV	-20	-4.56	-0.005452	±2.5	PASS
Band5	4182	NV	-10	-1.23	-0.001471	±2.5	PASS
Band5	4182	NV	0	-2.24	-0.002678	±2.5	PASS
Band5	4182	NV	10	-4.47	-0.005344	±2.5	PASS
Band5	4182	NV	20	-2.01	-0.002403	±2.5	PASS
Band5	4182	NV	30	-3.60	-0.004304	±2.5	PASS
Band5	4182	NV	40	-3.53	-0.004220	±2.5	PASS
Band5	4182	NV	50	-0.44	-0.000526	±2.5	PASS
Band5	4233	NV	-30	-3.96	-0.004678	±2.5	PASS
Band5	4233	NV	-20	-6.07	-0.007170	±2.5	PASS
Band5	4233	NV	-10	-3.53	-0.004170	±2.5	PASS
Band5	4233	NV	0	-4.91	-0.005800	±2.5	PASS
Band5	4233	NV	10	0.09	0.000106	±2.5	PASS
Band5	4233	NV	20	-2.82	-0.003331	±2.5	PASS
Band5	4233	NV	30	-1.74	-0.002055	±2.5	PASS
Band5	4233	NV	40	-3.30	-0.003898	±2.5	PASS
Band5	4233	NV	50	-2.74	-0.003236	±2.5	PASS

1.7 Appendix G: Modulation Characteristics

1.7.1 Test Result

Band	Channel	Result	Verdict
Band5	4132	PASS	PASS
Band5	4182	PASS	PASS
Band5	4233	PASS	PASS

1.7.2 Test Graphs

