

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	21.29	-0.34	20.95	38.45	PASS
Band5	4182	22.33	-0.34	21.99	38.45	PASS
Band5	4233	22.08	-0.34	21.74	38.45	PASS

Band	Channel	SubTest	conducted power(dBm)	Max AntGain (dBi)	ERP (dBm)	Limit(dBm)	Verdict
Band5	4132	1	21.70	-0.34	21.36	38.45	PASS
Band5	4132	2	21.44	-0.34	21.10	38.45	PASS
Band5	4132	3	20.43	-0.34	20.09	38.45	PASS
Band5	4132	4	21.53	-0.34	21.19	38.45	PASS
Band5	4182	1	21.40	-0.34	21.06	38.45	PASS
Band5	4182	2	21.51	-0.34	21.17	38.45	PASS
Band5	4182	3	21.56	-0.34	21.22	38.45	PASS
Band5	4182	4	20.59	-0.34	20.25	38.45	PASS
Band5	4233	1	21.72	-0.34	21.38	38.45	PASS
Band5	4233	2	20.53	-0.34	20.19	38.45	PASS
Band5	4233	3	21.34	-0.34	21.00	38.45	PASS
Band5	4233	4	21.14	-0.34	20.80	38.45	PASS

Band	Channel	SubTest	conducted power(dBm)	Max AntGain (dBi)	ERP (dBm)	Limit(dBm)	Verdict
Band5	4132	1	22.30	-0.34	21.96	38.45	PASS
Band5	4132	2	21.70	-0.34	21.36	38.45	PASS
Band5	4132	3	22.56	-0.34	22.22	38.45	PASS
Band5	4132	4	19.09	-0.34	18.75	38.45	PASS
Band5	4132	5	21.78	-0.34	21.44	38.45	PASS
Band5	4182	1	21.95	-0.34	21.61	38.45	PASS
Band5	4182	2	21.41	-0.34	21.07	38.45	PASS
Band5	4182	3	21.61	-0.34	21.27	38.45	PASS
Band5	4182	4	18.93	-0.34	18.59	38.45	PASS
Band5	4182	5	21.66	-0.34	21.32	38.45	PASS
Band5	4233	1	22.03	-0.34	21.69	38.45	PASS
Band5	4233	2	21.33	-0.34	20.99	38.45	PASS
Band5	4233	3	20.78	-0.34	20.44	38.45	PASS
Band5	4233	4	18.66	-0.34	18.32	38.45	PASS
Band5	4233	5	20.85	-0.34	20.51	38.45	PASS

1.2 AppendixB:Peak-to-Average Ratio

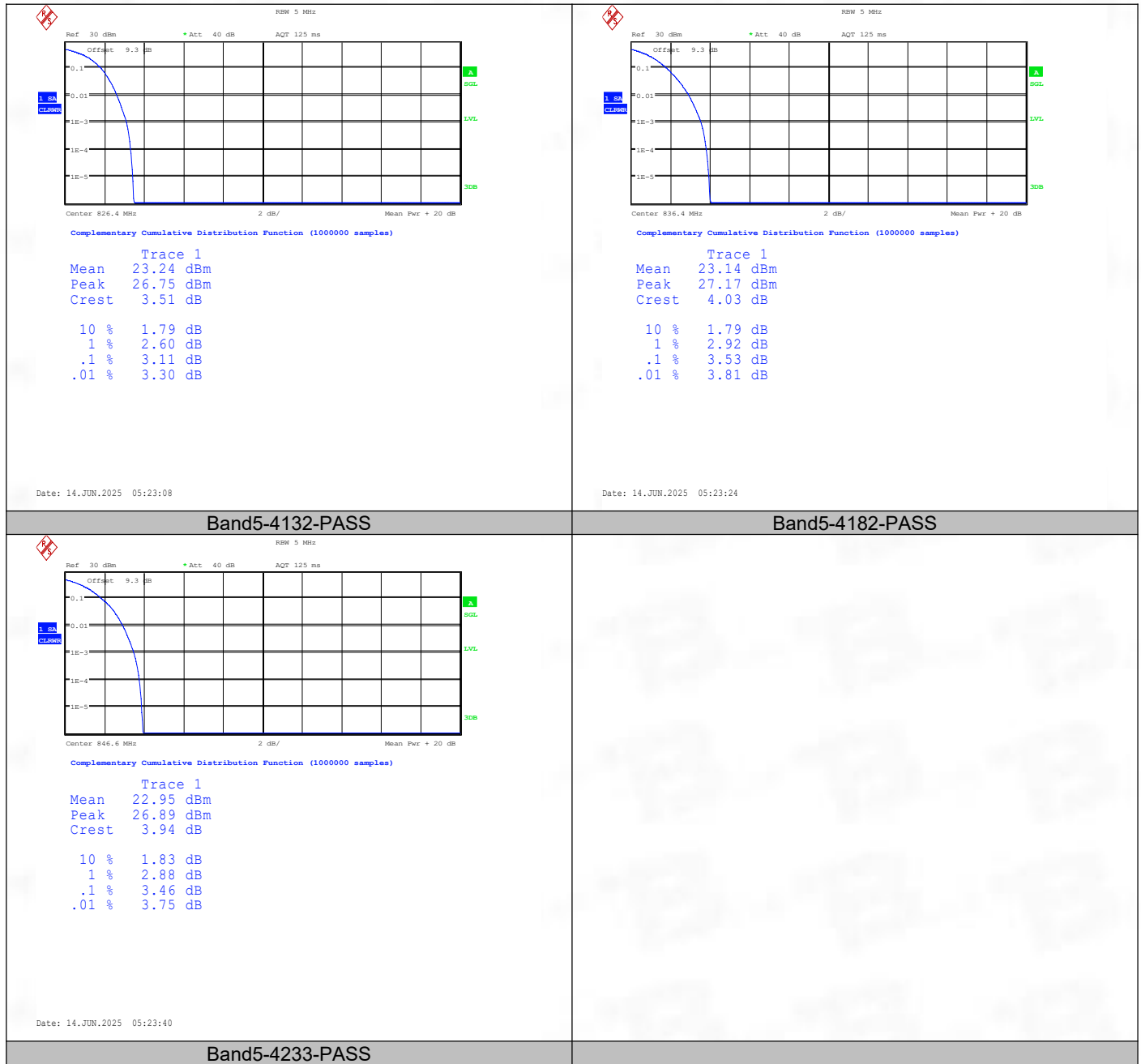
1.2.1 Test Result

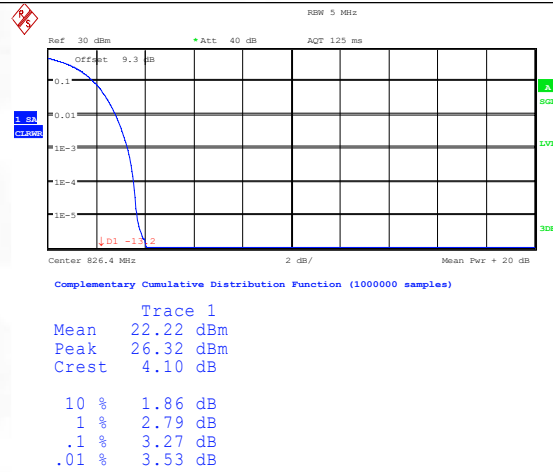
Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band5	4132	3.11	13	PASS
Band5	4182	3.53	13	PASS
Band5	4233	3.46	13	PASS

Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band5	4132	1	3.27	13	PASS
Band5	4132	2	3.88	13	PASS
Band5	4132	3	4.07	13	PASS
Band5	4132	4	4.1	13	PASS
Band5	4182	1	3.49	13	PASS
Band5	4182	2	3.91	13	PASS
Band5	4182	3	4.13	13	PASS
Band5	4182	4	4.17	13	PASS
Band5	4233	1	3.46	13	PASS
Band5	4233	2	3.94	13	PASS
Band5	4233	3	4.13	13	PASS
Band5	4233	4	4.2	13	PASS

Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band5	4132	1	4.58	13	PASS
Band5	4132	2	5.45	13	PASS
Band5	4132	3	4.84	13	PASS
Band5	4132	4	5.45	13	PASS
Band5	4132	5	4.39	13	PASS
Band5	4182	1	4.78	13	PASS
Band5	4182	2	5.74	13	PASS
Band5	4182	3	5.29	13	PASS
Band5	4182	4	5.8	13	PASS
Band5	4182	5	4.58	13	PASS
Band5	4233	1	4.74	13	PASS
Band5	4233	2	5.64	13	PASS
Band5	4233	3	5.26	13	PASS
Band5	4233	4	5.8	13	PASS
Band5	4233	5	4.58	13	PASS

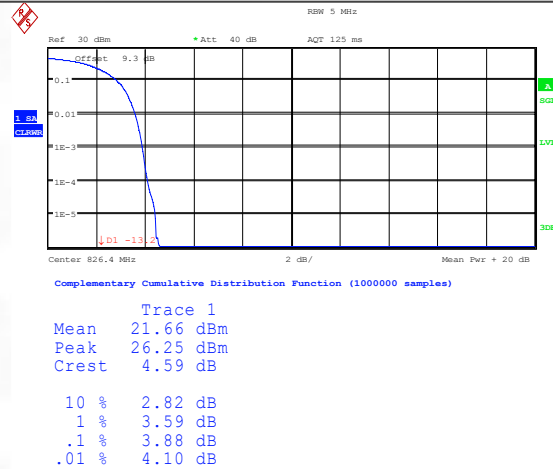
1.2.2 Test Graphs





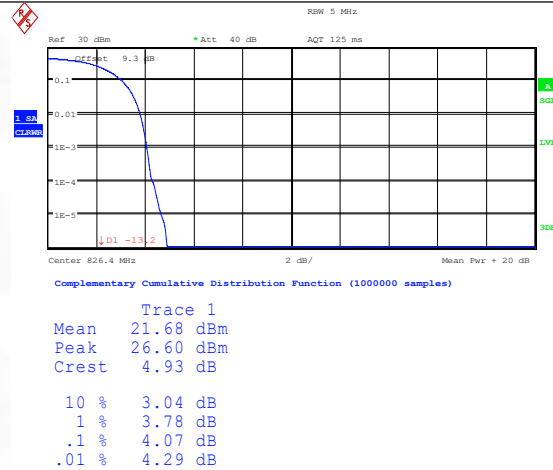
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Band5-4132-1-PASS



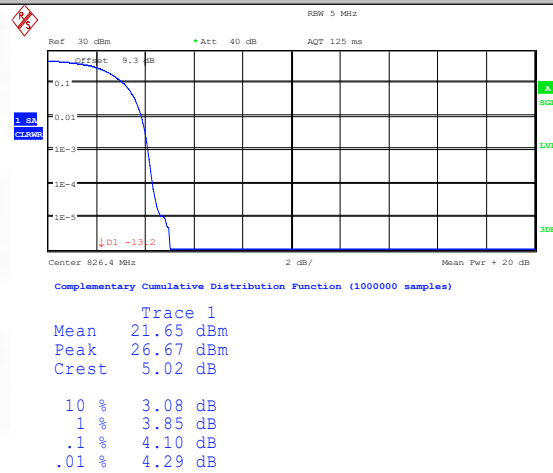
Date: 14.JUN.2025 05:40:41

Band5-4132-2-PASS



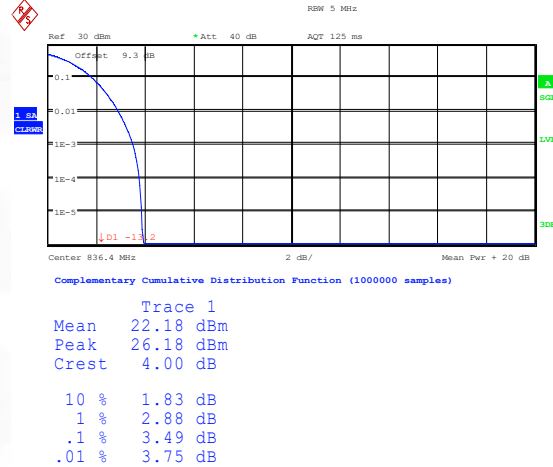
Date: 14.JUN.2025 05:41:50

Band5-4132-3-PASS



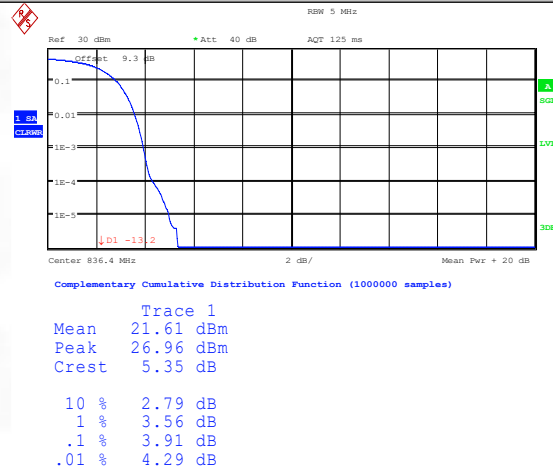
Date: 14.JUN.2025 05:42:59

Band5-4132-4-PASS



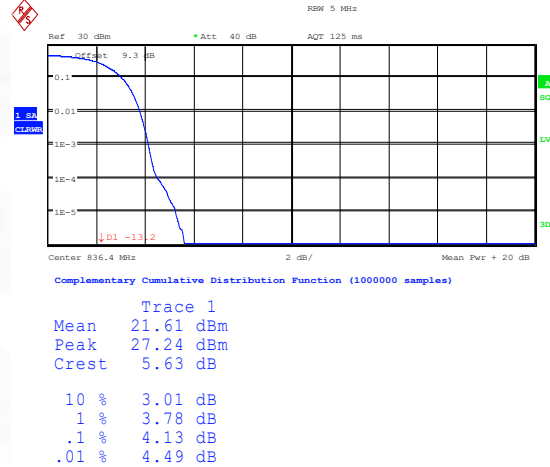
Date: 14.JUN.2025 05:39:49

Band5-4182-1-PASS



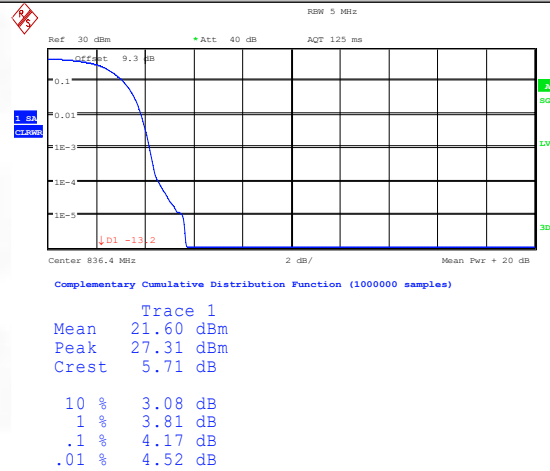
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Band5-4182-2-PASS



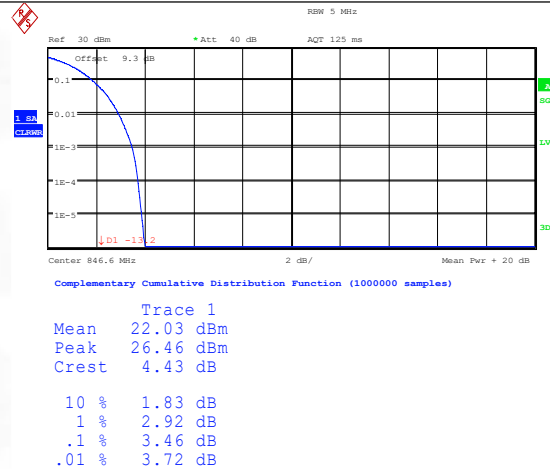
Date: 14.JUN.2025 05:42:08

Band5-4182-3-PASS



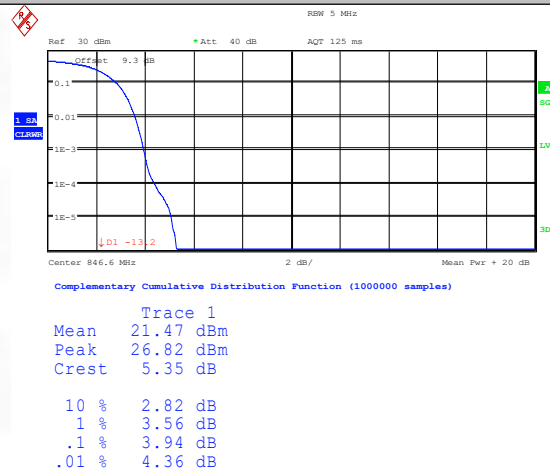
Date: 14.JUN.2025 05:43:17

Band5-4182-4-PASS



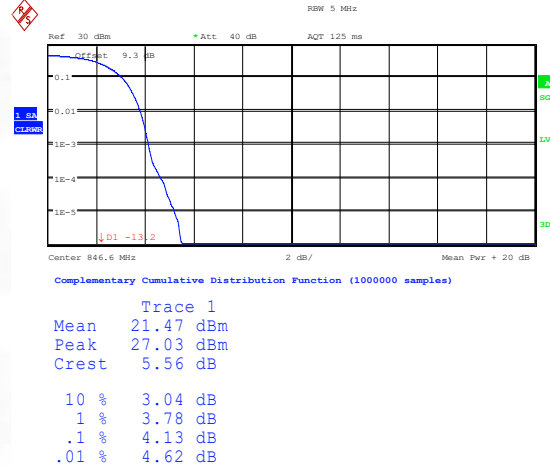
Date: 14.JUN.2025 05:40:07

Band5-4233-1-PASS



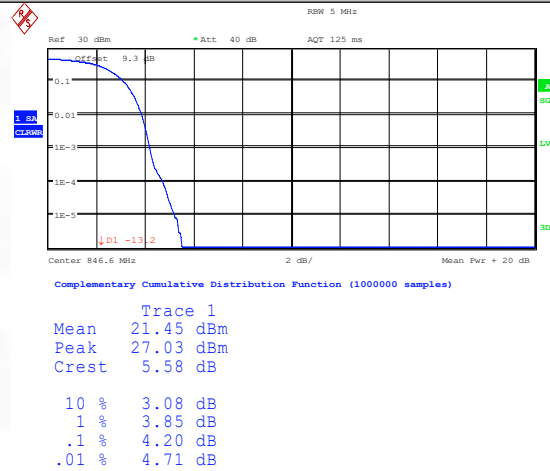
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Band5-4233-2-PASS



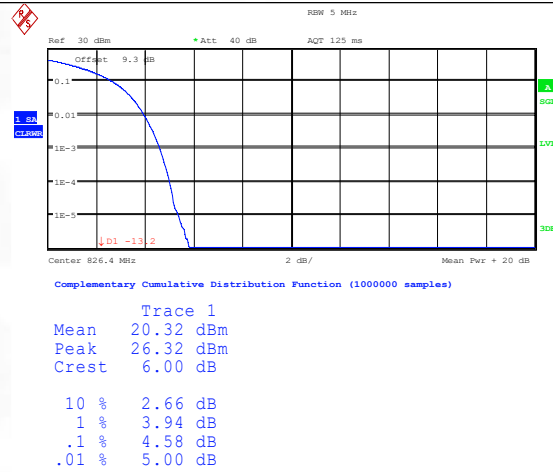
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Band5-4233-3-PASS



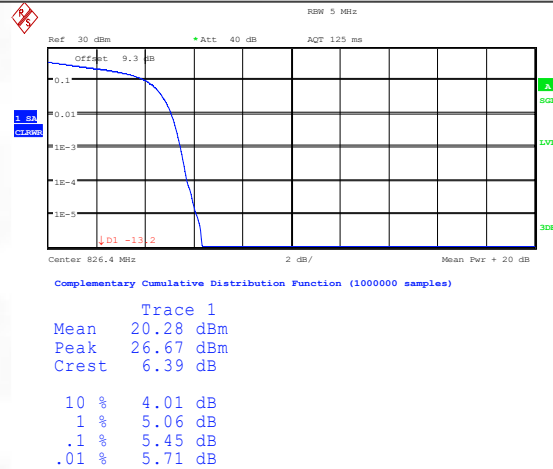
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Band5-4233-4-PASS



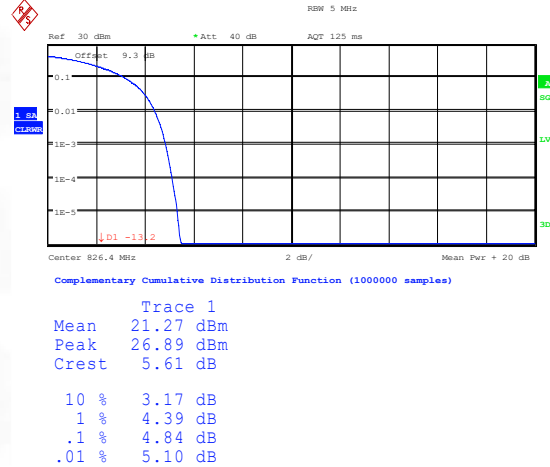
Date: 14.JUN.2025 06:52:09

Band5-4132-1-PASS



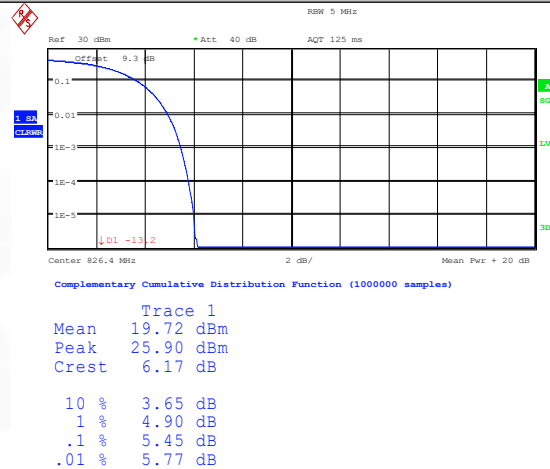
Date: 14.JUN.2025 06:54:53

Band5-4132-2-PASS



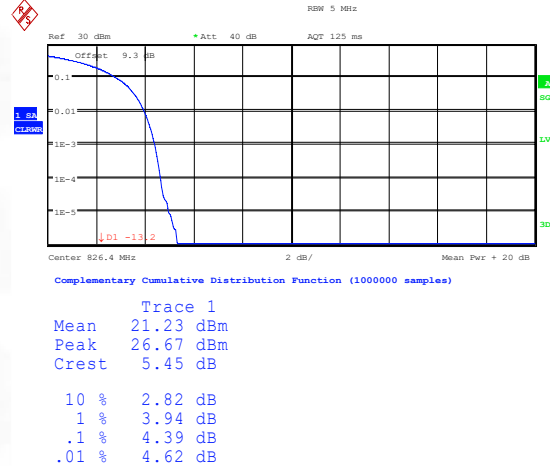
Date: 14.JUN.2025 06:57:40

Band5-4132-3-PASS



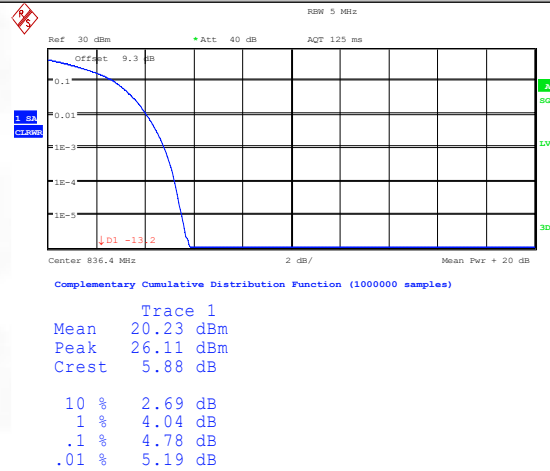
Date: 14.JUN.2025 07:00:33

Band5-4132-4-PASS



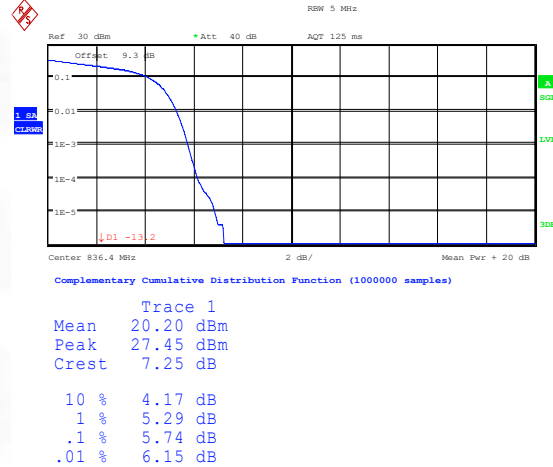
Date: 14.JUN.2025 07:03:15

Band5-4132-5-PASS



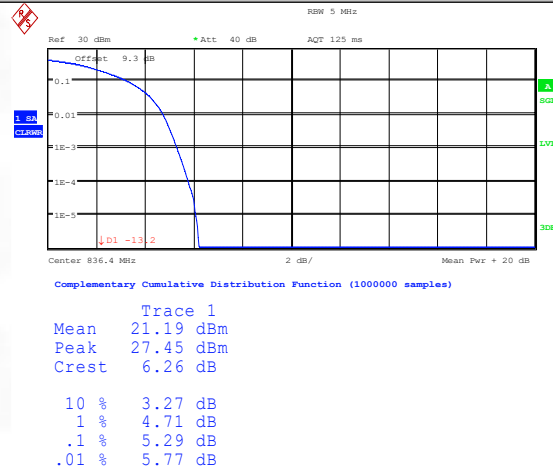
Date: 14.JUN.2025 06:53:10

Band5-4182-1-PASS



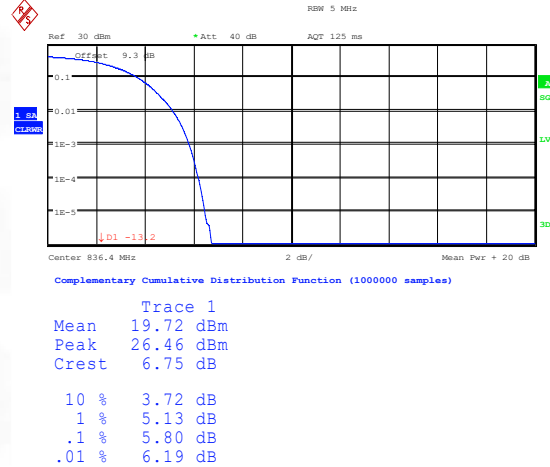
Date: 14.JUN.2025 06:55:57

Band5-4182-2-PASS



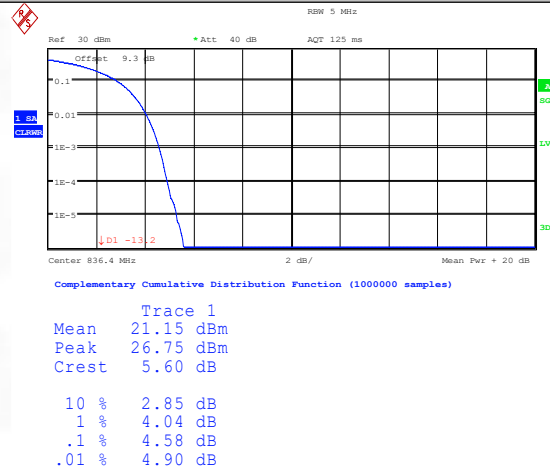
Date: 14.JUN.2025 06:58:44

Band5-4182-3-PASS



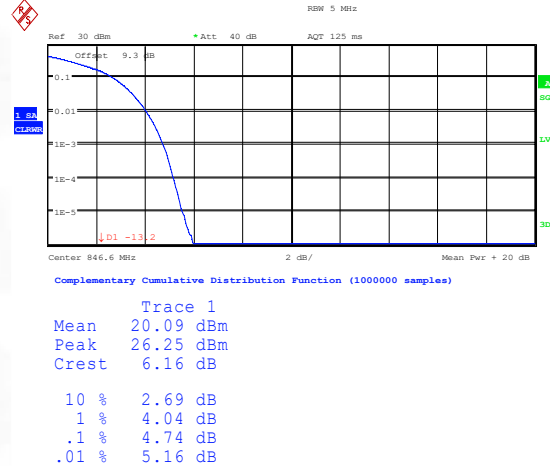
Date: 14.JUN.2025 07:01:30

Band5-4182-4-PASS



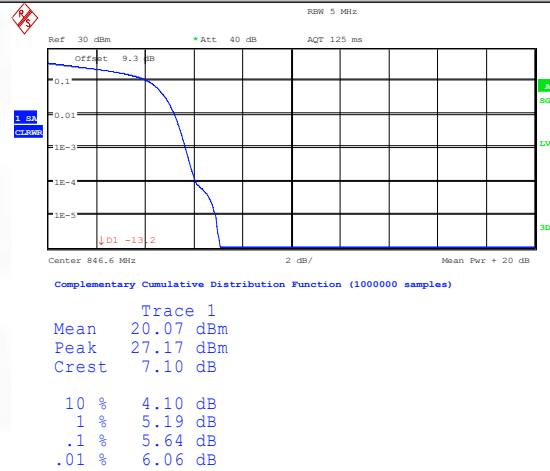
Date: 14.JUN.2025 07:03:40

Band5-4182-5-PASS



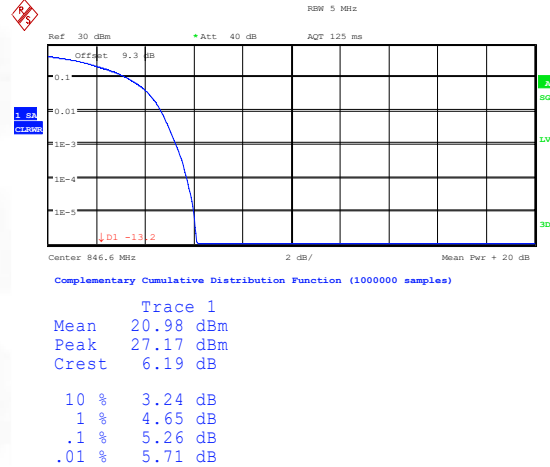
Date: 14.JUN.2025 06:54:12

Band5-4233-1-PASS



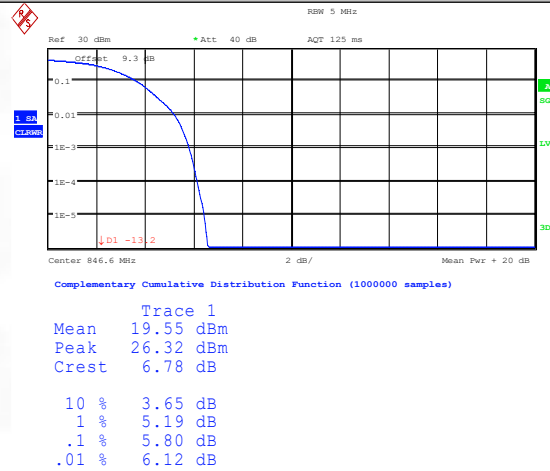
Date: 14.JUN.2025 06:56:53

Band5-4233-2-PASS



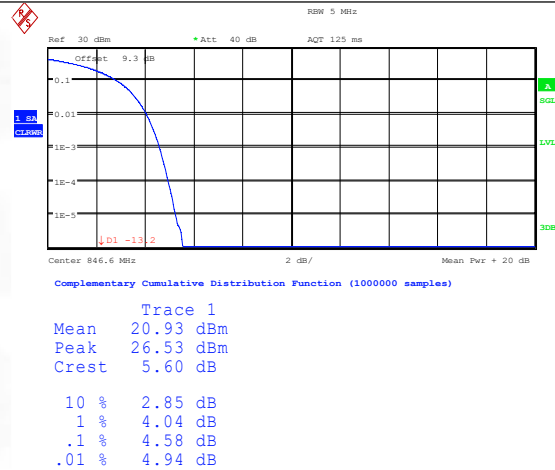
Date: 14.JUN.2025 06:59:48

Band5-4233-3-PASS



Date: 14.JUN.2025 07:02:34

Band5-4233-4-PASS



Date: 14.JUN.2025 07:04:06

Band5-4233-5-PASS

1.3 AppendixC:26dB Bandwidth andOccupied Bandwidth

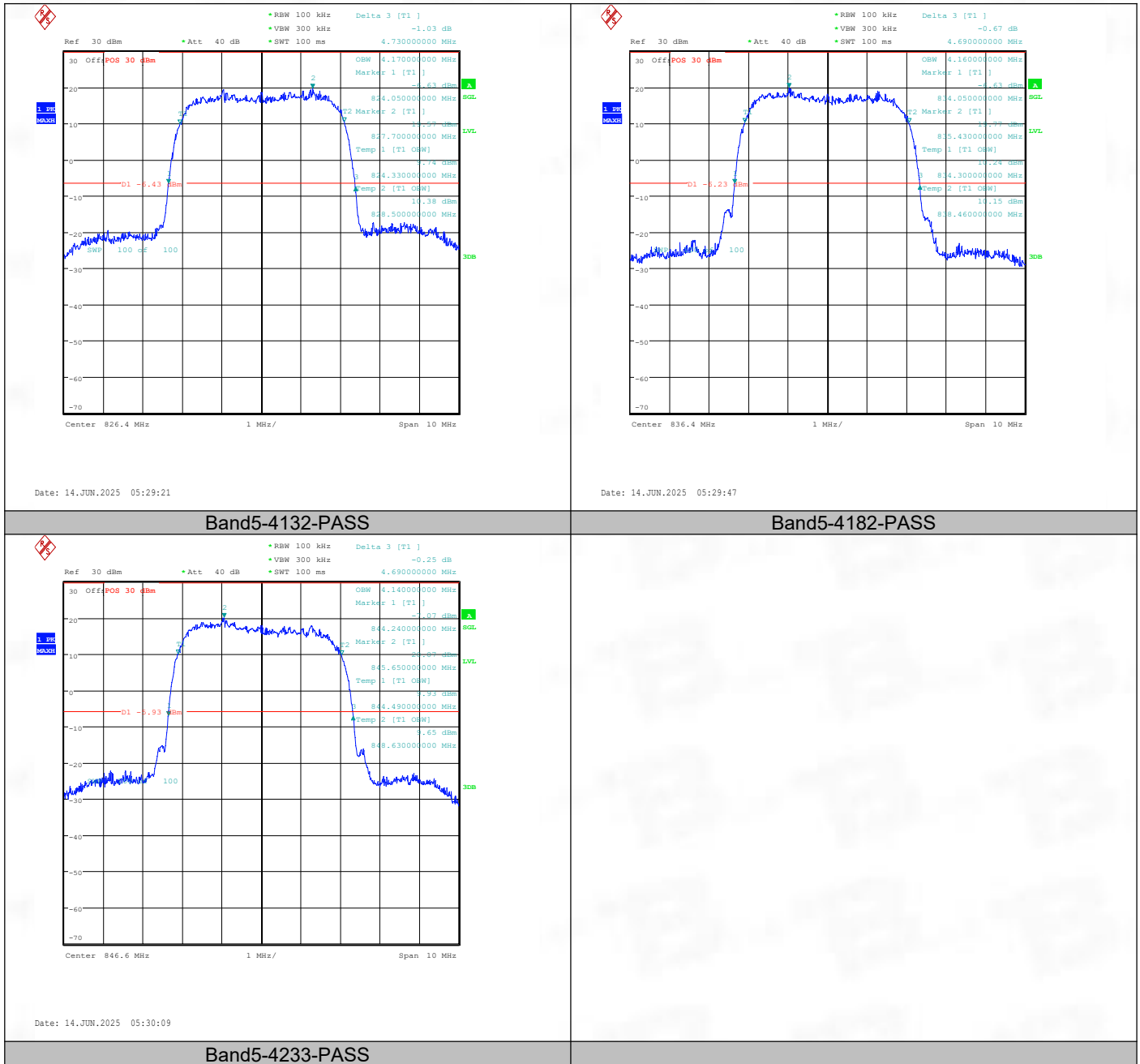
1.3.1 Test Result

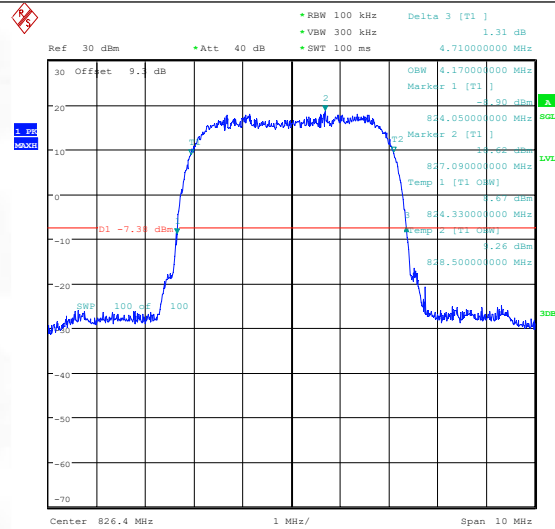
Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band5	4132	4.17	4.73	---	PASS
Band5	4182	4.16	4.69	---	PASS
Band5	4233	4.14	4.69	---	PASS

Band	Channel	SubTest	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band5	4132	1	4.17	4.71	---	PASS
Band5	4132	2	4.17	4.72	---	PASS
Band5	4132	3	4.16	4.72	---	PASS
Band5	4132	4	4.17	4.73	---	PASS
Band5	4182	1	4.16	4.70	---	PASS
Band5	4182	2	4.17	4.72	---	PASS
Band5	4182	3	4.17	4.72	---	PASS
Band5	4182	4	4.17	4.72	---	PASS
Band5	4233	1	4.14	4.69	---	PASS
Band5	4233	2	4.14	4.67	---	PASS
Band5	4233	3	4.14	4.70	---	PASS
Band5	4233	4	4.13	4.69	---	PASS

Band	Channel	SubTest	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band5	4132	1	4.18	4.73	---	PASS
Band5	4132	2	4.19	4.72	---	PASS
Band5	4132	3	4.19	4.73	---	PASS
Band5	4132	4	4.19	4.75	---	PASS
Band5	4132	5	4.16	4.71	---	PASS
Band5	4182	1	4.18	4.71	---	PASS
Band5	4182	2	4.19	4.73	---	PASS
Band5	4182	3	4.2	4.74	---	PASS
Band5	4182	4	4.19	4.73	---	PASS
Band5	4182	5	4.17	4.70	---	PASS
Band5	4233	1	4.15	4.69	---	PASS
Band5	4233	2	4.16	4.71	---	PASS
Band5	4233	3	4.16	4.71	---	PASS
Band5	4233	4	4.15	4.73	---	PASS
Band5	4233	5	4.14	4.69	---	PASS

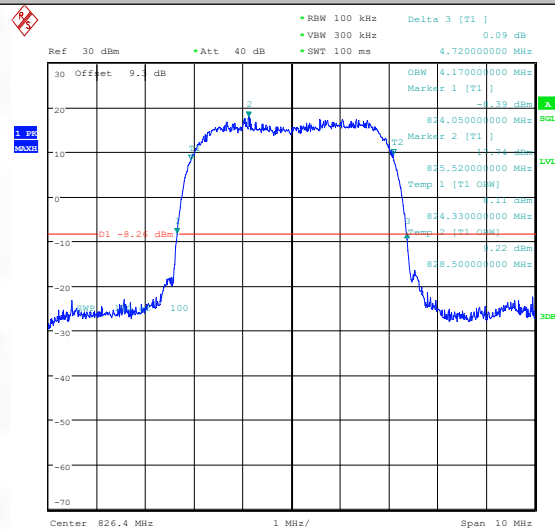
1.3.2 Test Graphs





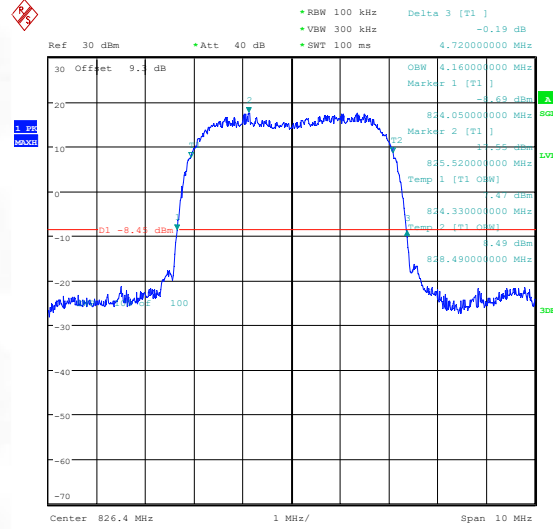
Date: 14.JUN.2025 06:09:19

Band5-4132-1-PASS



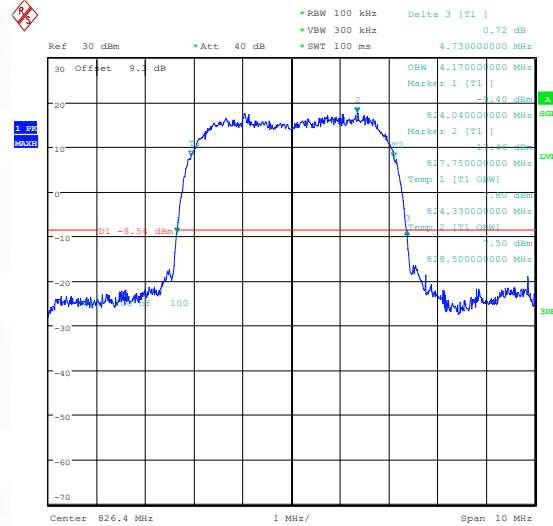
Date: 14.JUN.2025 06:11:06

Band5-4132-2-PASS



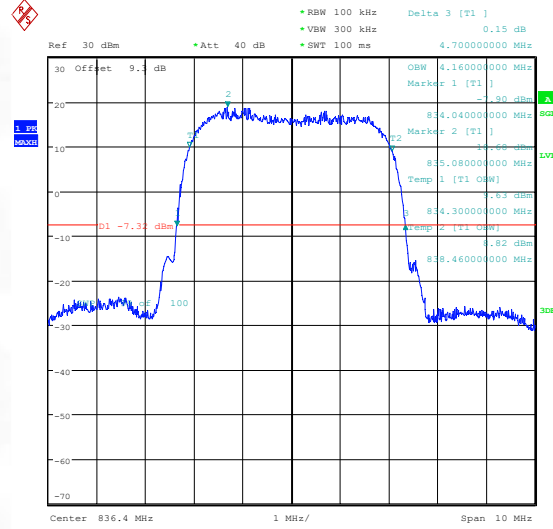
Date: 14.JUN.2025 06:12:51

Band5-4132-3-PASS



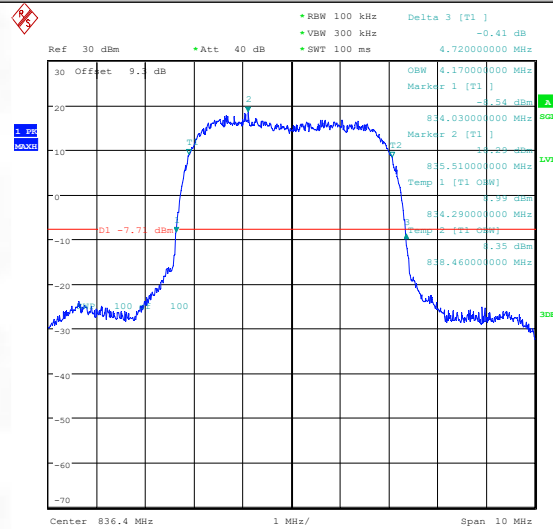
Date: 14.JUN.2025 06:14:36

Band5-4132-4-PASS



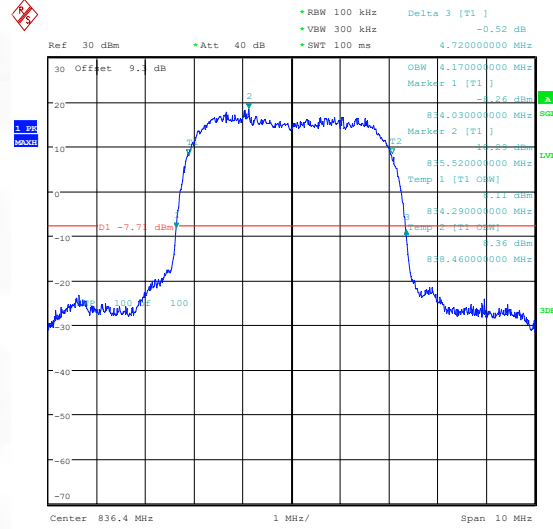
Date: 14.JUN.2025 06:09:49

Band5-4182-1-PASS



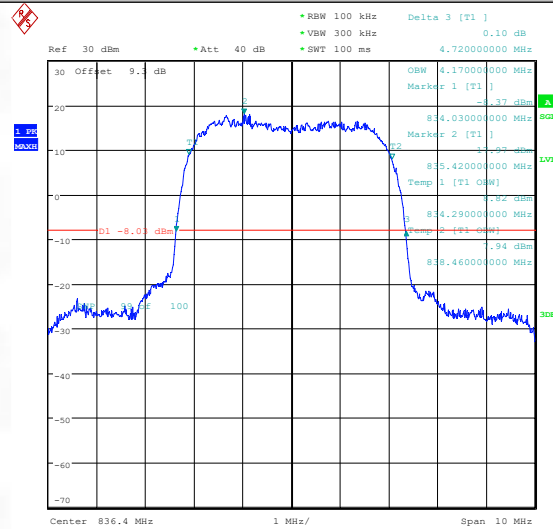
Date: 14.JUN.2025 06:11:35

Band5-4182-2-PASS



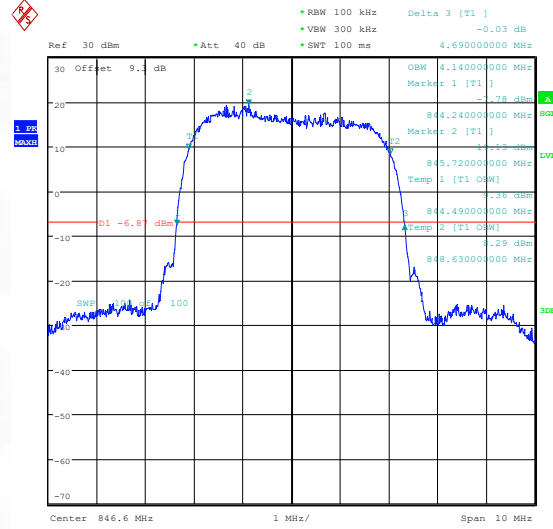
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Band5-4182-3-PASS



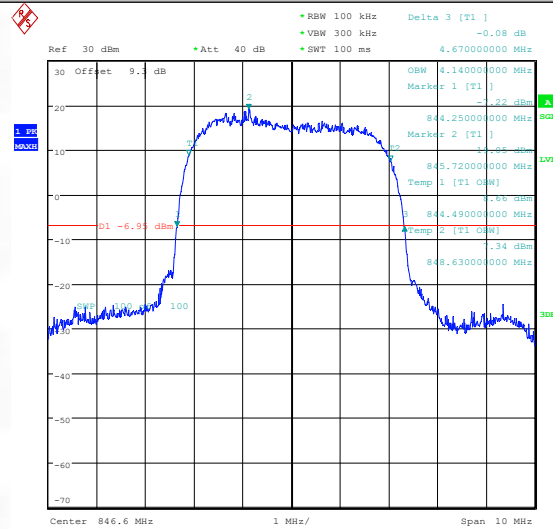
Date: 14.JUN.2025 06:15:05

Band5-4182-4-PASS



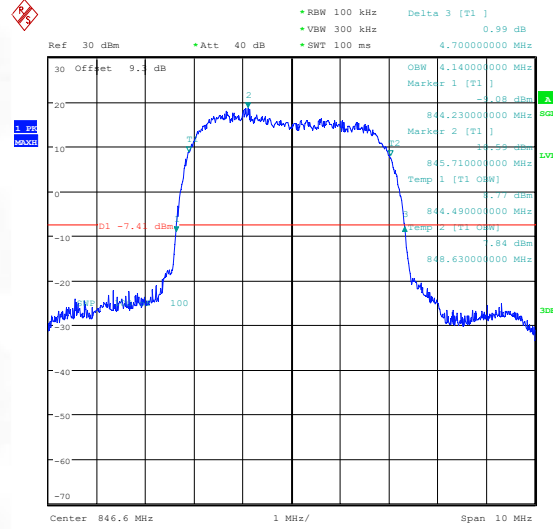
Date: 14.JUN.2025 06:10:18

Band5-4233-1-PASS



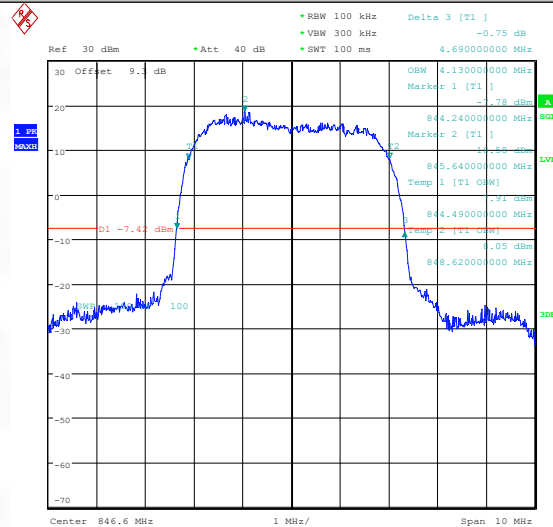
Date: 14.JUN.2025 06:12:05

Band5-4233-2-PASS



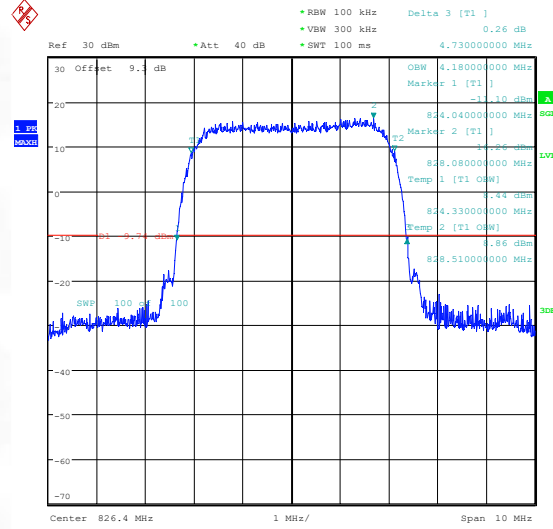
Date: 14.JUN.2025 06:13:50

Band5-4233-3-PASS



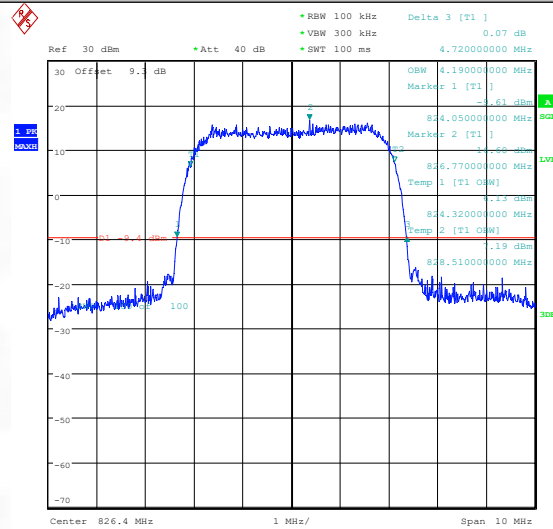
Date: 14.JUN.2025 06:15:35

Band5-4233-4-PASS



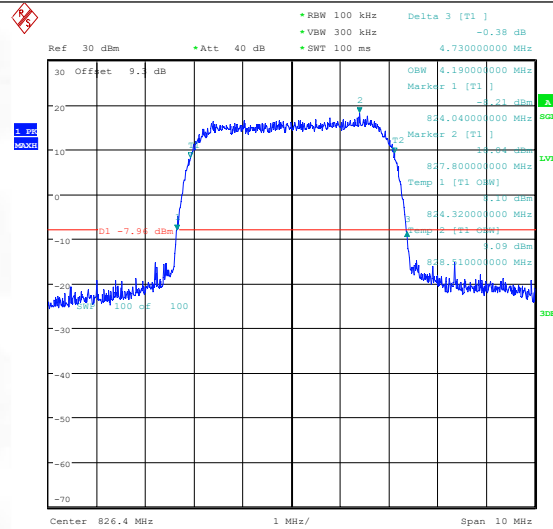
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Band5-4132-1-PASS



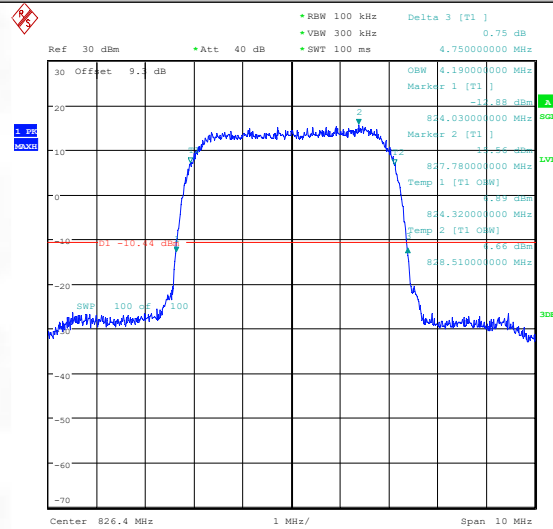
Date: 14.JUN.2025 07:39:38

Band5-4132-2-PASS



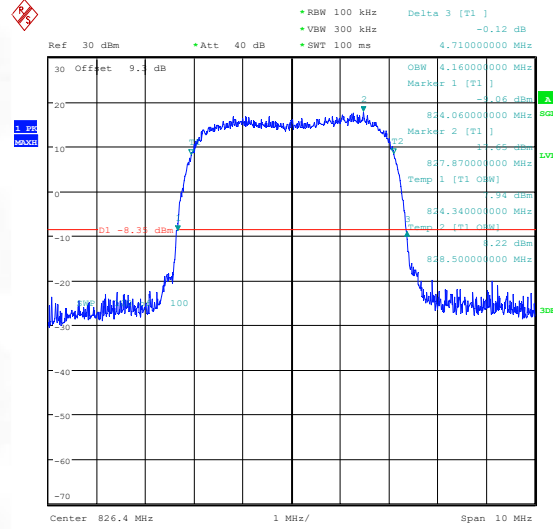
Date: 14.JUN.2025 07:42:50

Band5-4132-3-PASS



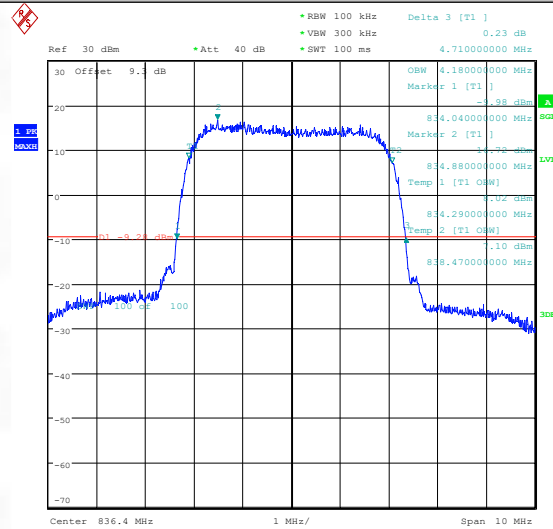
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Band5-4132-4-PASS



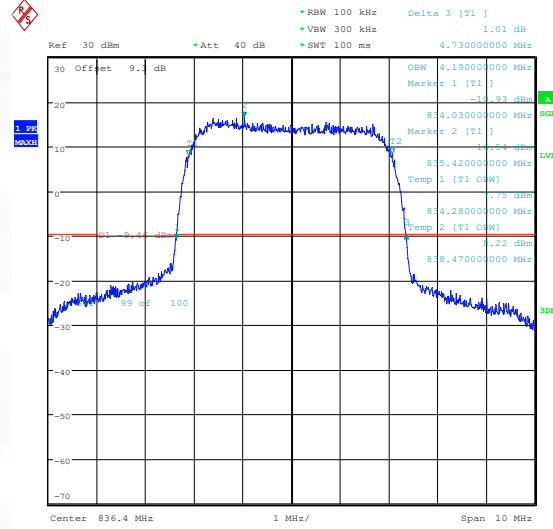
Date: 14.JUN.2025 07:49:23

Band5-4132-5-PASS



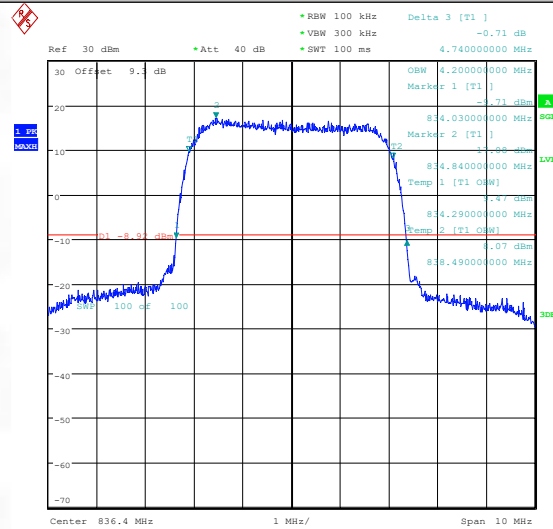
Date: 14.JUN.2025 07:37:31

Band5-4182-1-PASS



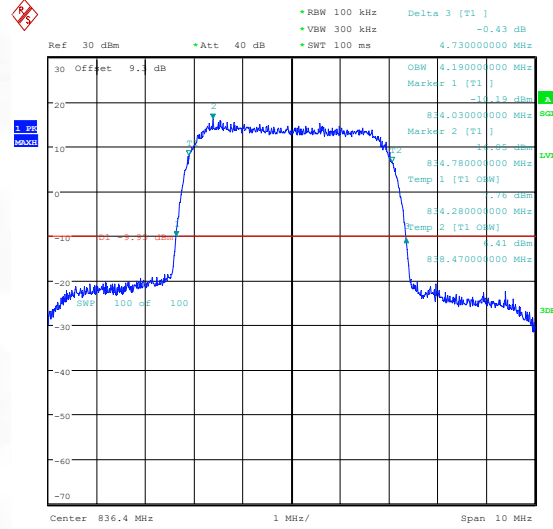
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Band5-4182-2-PASS



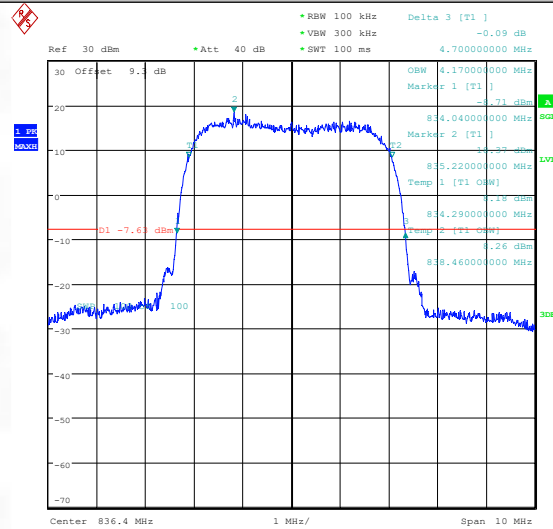
Date: 14.JUN.2025 07:44:00

Band5-4182-3-PASS



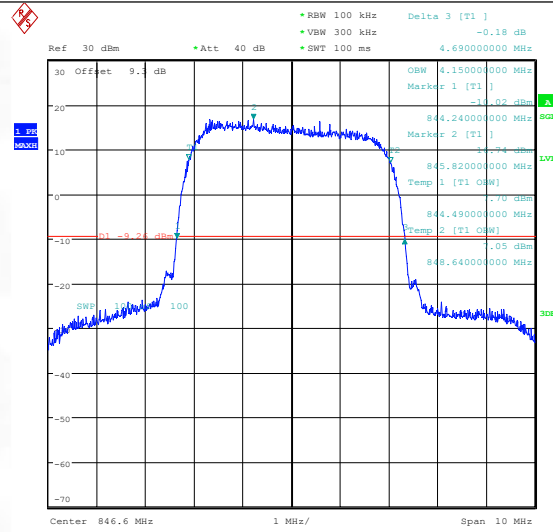
Date: 14.JUN.2025 07:47:16

Band5-4182-4-PASS



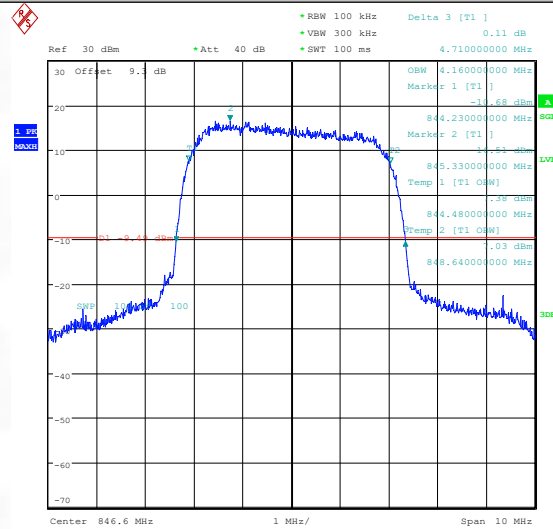
Date: 14.JUN.2025 07:50:00

Band5-4182-5-PASS



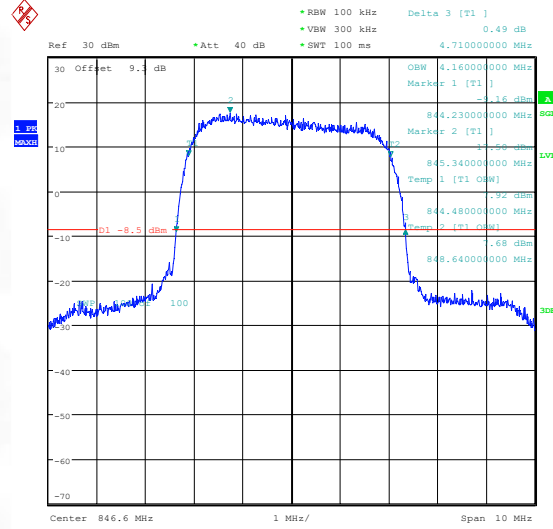
Date: 14.JUN.2025 07:38:39

Band5-4233-1-PASS



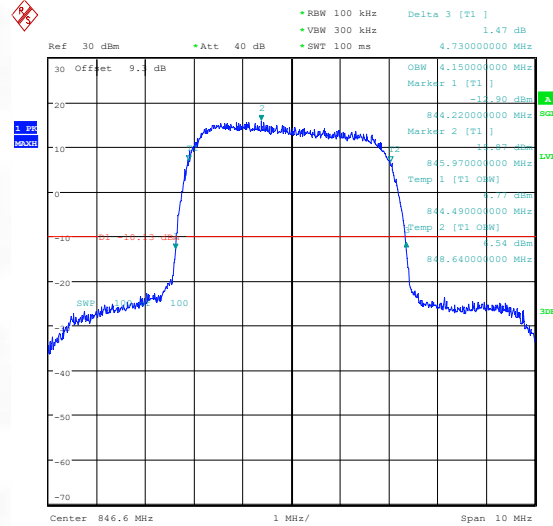
Date: 14.JUN.2025 07:41:56

Band5-4233-2-PASS



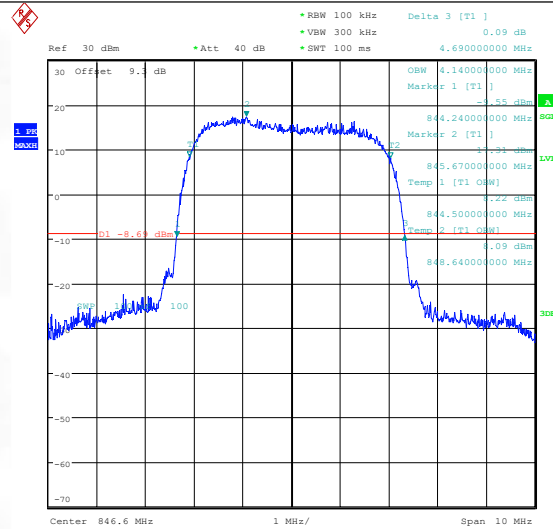
Date: 14.JUN.2025 07:45:08

Band5-4233-3-PASS



Date: 14.JUN.2025 07:48:26

Band5-4233-4-PASS



Date: 14.JUN.2025 07:50:35

Band5-4233-5-PASS

1.4 AppendixD:Band Edge

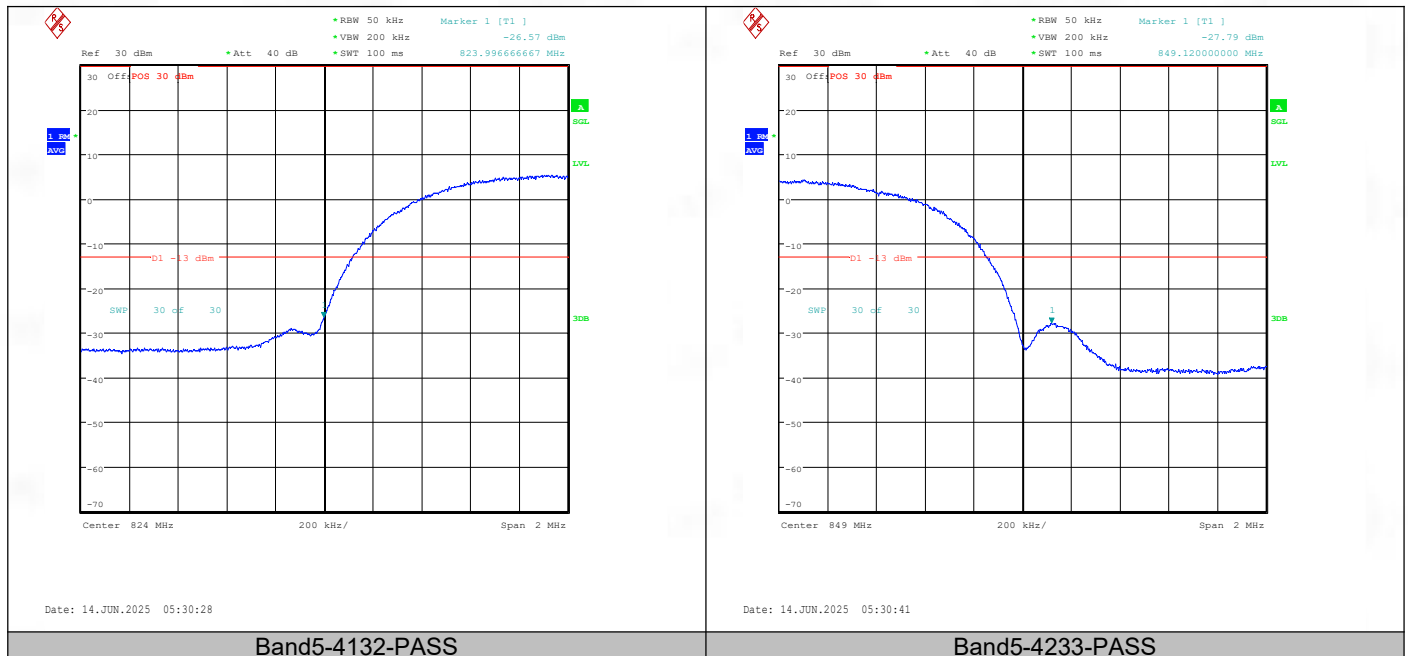
1.4.1 Test Result

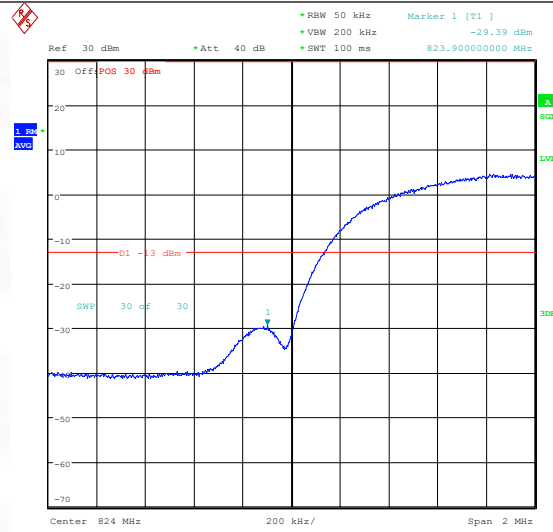
Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band5	4132	824.00	-26.57	-13	PASS
Band5	4233	849.12	-27.79	-13	PASS

Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band5	4132	1	823.90	-29.39	-13	PASS
Band5	4132	2	823.85	-29.77	-13	PASS
Band5	4132	3	823.89	-29.46	-13	PASS
Band5	4132	4	823.88	-29.44	-13	PASS
Band5	4233	1	849.13	-29.03	-13	PASS
Band5	4233	2	849.09	-31.06	-13	PASS
Band5	4233	3	849.00	-30.69	-13	PASS
Band5	4233	4	849.00	-29.95	-13	PASS

Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band5	4132	1	823.87	-30.39	-13	PASS
Band5	4132	2	823.87	-30.29	-13	PASS
Band5	4132	3	823.87	-29.46	-13	PASS
Band5	4132	4	824.00	-32.27	-13	PASS
Band5	4132	5	823.88	-30.11	-13	PASS
Band5	4233	1	849.13	-30.64	-13	PASS
Band5	4233	2	849.00	-32.34	-13	PASS
Band5	4233	3	849.12	-30.45	-13	PASS
Band5	4233	4	849.00	-32.53	-13	PASS
Band5	4233	5	849.12	-30.88	-13	PASS

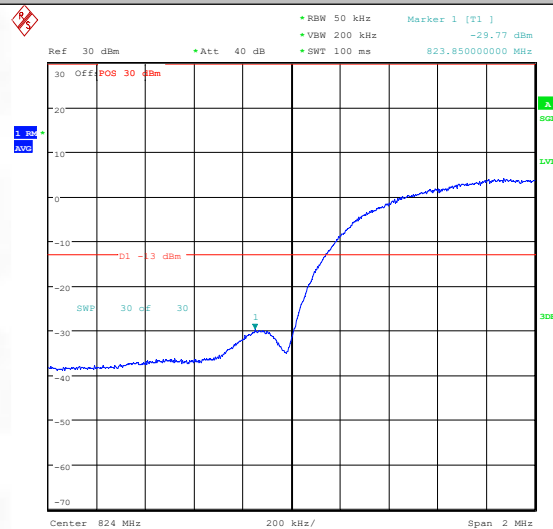
1.4.2 Test Graphs





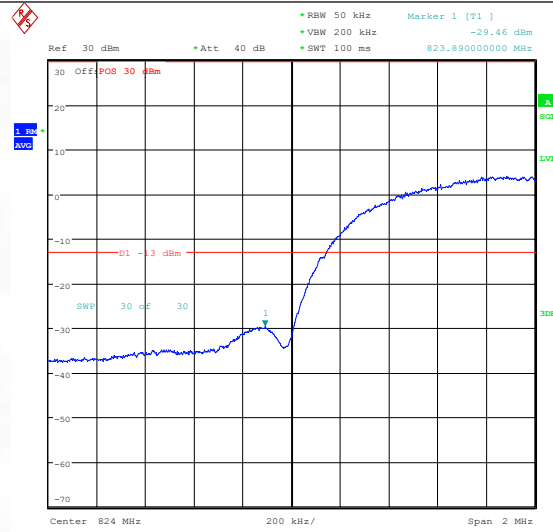
Date: 14.JUN.2025 06:16:14

Band5-4132-1-PASS



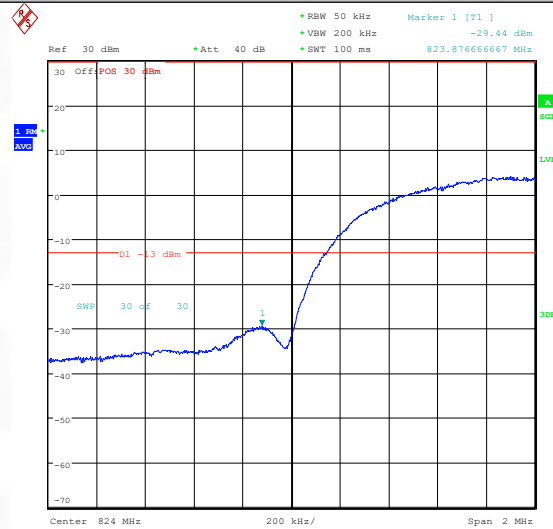
Date: 14.JUN.2025 06:17:08

Band5-4132-2-PASS



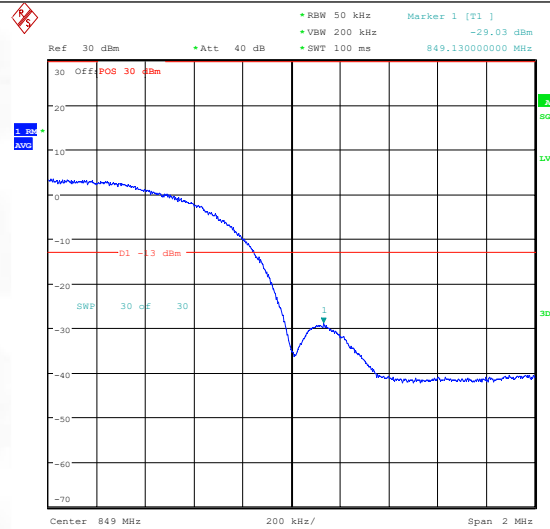
Date: 14.JUN.2025 06:18:01

Band5-4132-3-PASS



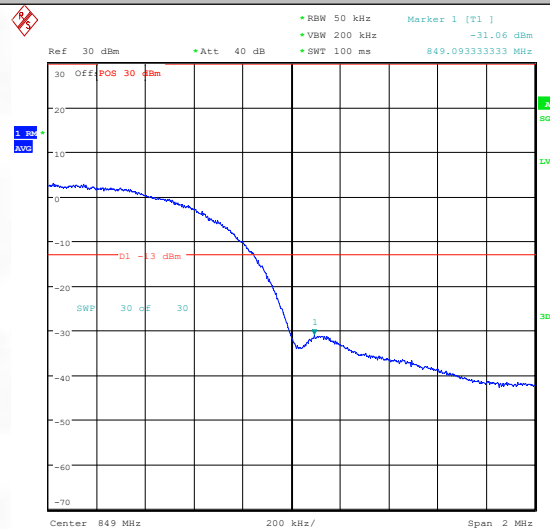
Date: 14.JUN.2025 06:18:53

Band5-4132-4-PASS



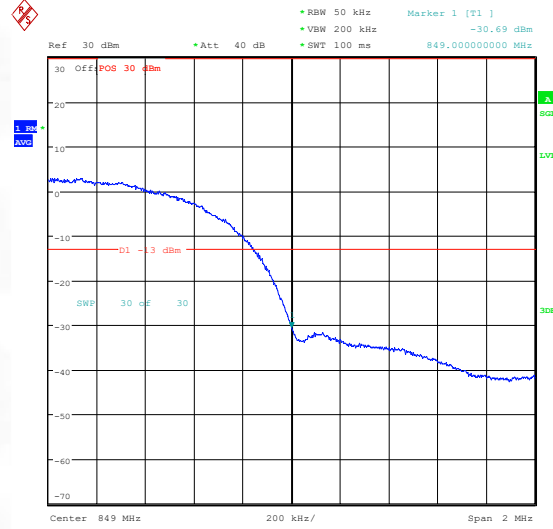
Date: 14.JUN.2025 06:16:32

Band5-4233-1-PASS



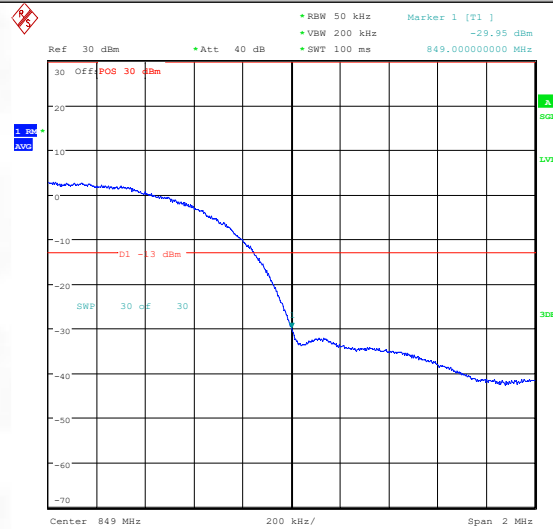
Date: 14.JUN.2025 06:17:25

Band5-4233-2-PASS



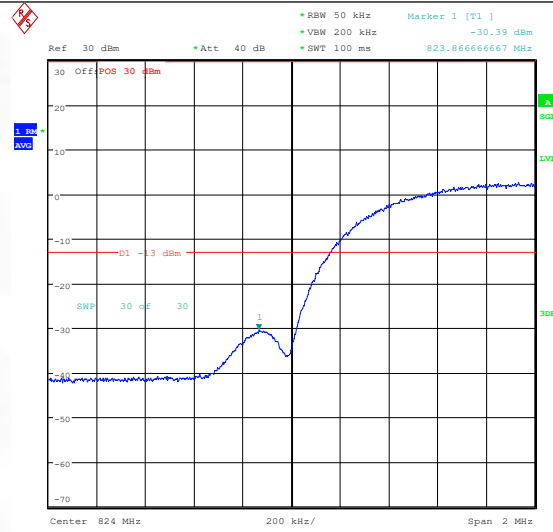
Date: 14.JUN.2025 06:18:19

Band5-4233-3-PASS



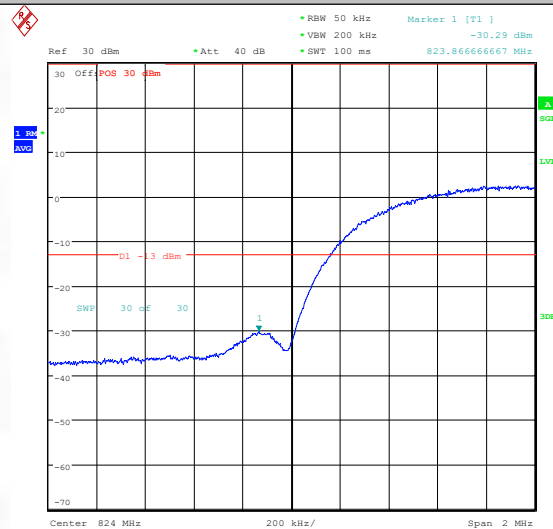
Date: 14.JUN.2025 06:19:10

Band5-4233-4-PASS



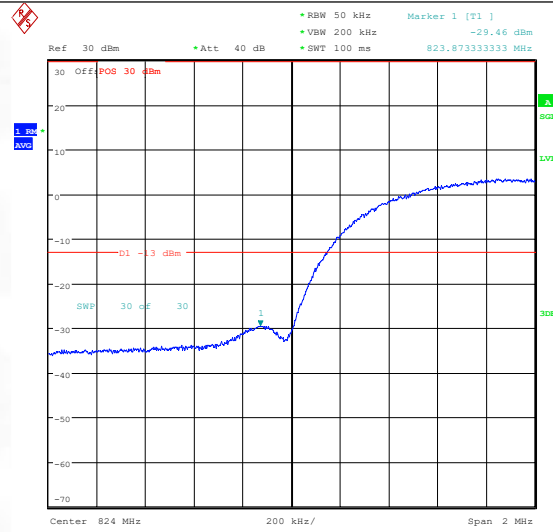
Date: 14.JUN.2025 07:52:22

Band5-4132-1-PASS



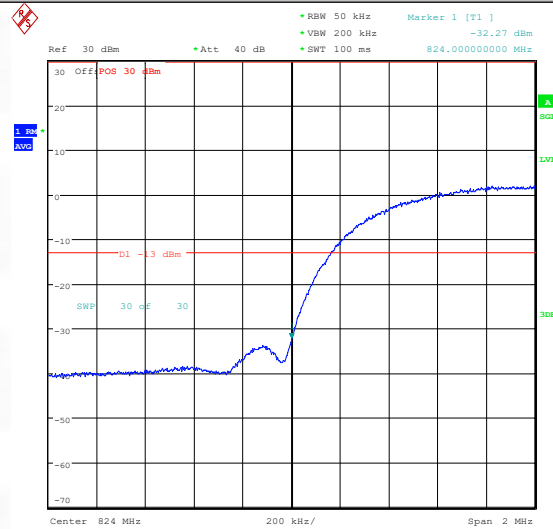
Date: 14.JUN.2025 07:53:58

Band5-4132-2-PASS



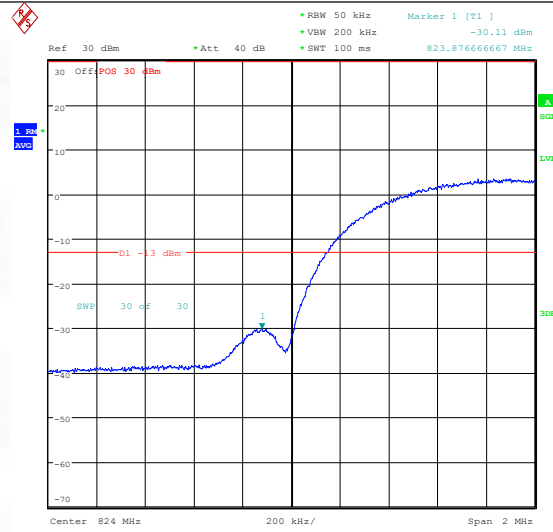
Date: 14.JUN.2025 07:55:47

Band5-4132-3-PASS



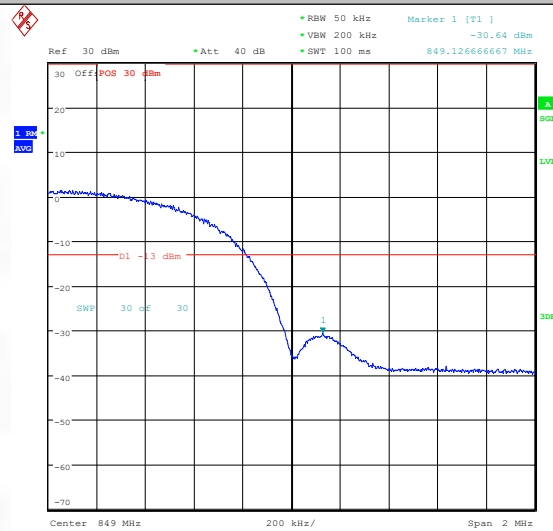
Date: 14.JUN.2025 07:57:36

Band5-4132-4-PASS



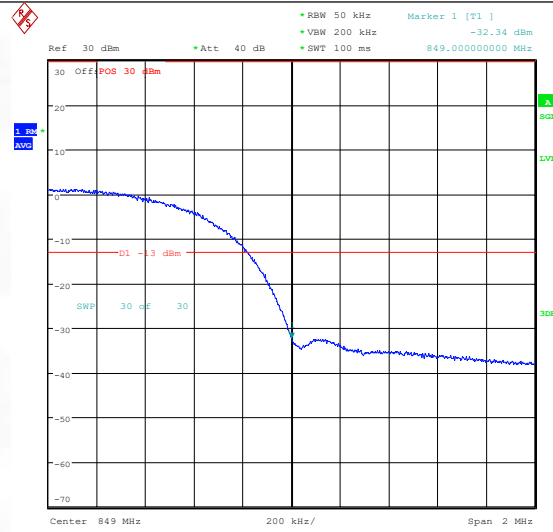
Date: 14.JUN.2025 07:59:14

Band5-4132-5-PASS



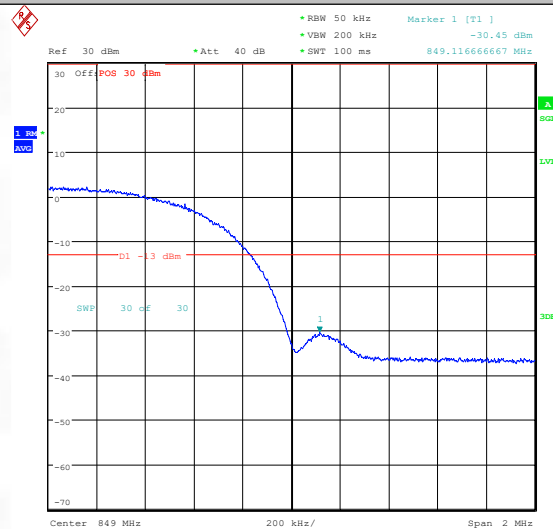
Date: 14.JUN.2025 07:53:17

Band5-4233-1-PASS



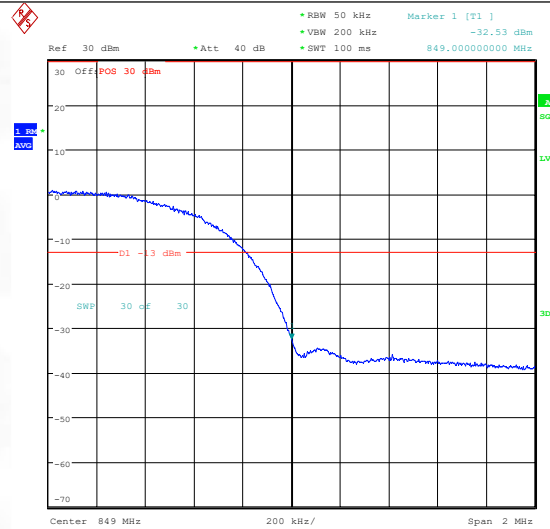
Date: 14.JUN.2025 07:55:01

Band5-4233-2-PASS



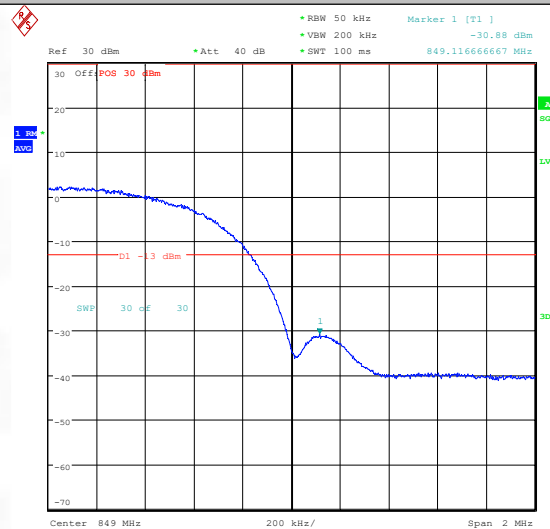
Date: 14.JUN.2025 07:56:50

Band5-4233-3-PASS



Date: 14.JUN.2025 07:58:33

Band5-4233-4-PASS



Date: 14.JUN.2025 07:59:39

Band5-4233-5-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	-63.41	-33	PASS
Band5	4132	0.15~30MHz	0.15	-59.08	-23	PASS
Band5	4132	30~1000MHz	240.01	-56.14	-13	PASS
Band5	4132	1000~10000MHz	3190.15	-40.26	-13	PASS
Band5	4182	0.009~0.15MHz	0.06	-63.26	-33	PASS
Band5	4182	0.15~30MHz	0.15	-58.9	-23	PASS
Band5	4182	30~1000MHz	204.12	-56.1	-13	PASS
Band5	4182	1000~10000MHz	3188.8	-39.72	-13	PASS
Band5	4233	0.009~0.15MHz	0.01	-63.85	-33	PASS
Band5	4233	0.15~30MHz	0.18	-59.17	-23	PASS
Band5	4233	30~1000MHz	251.65	-56.05	-13	PASS
Band5	4233	1000~10000MHz	3188.35	-39.77	-13	PASS

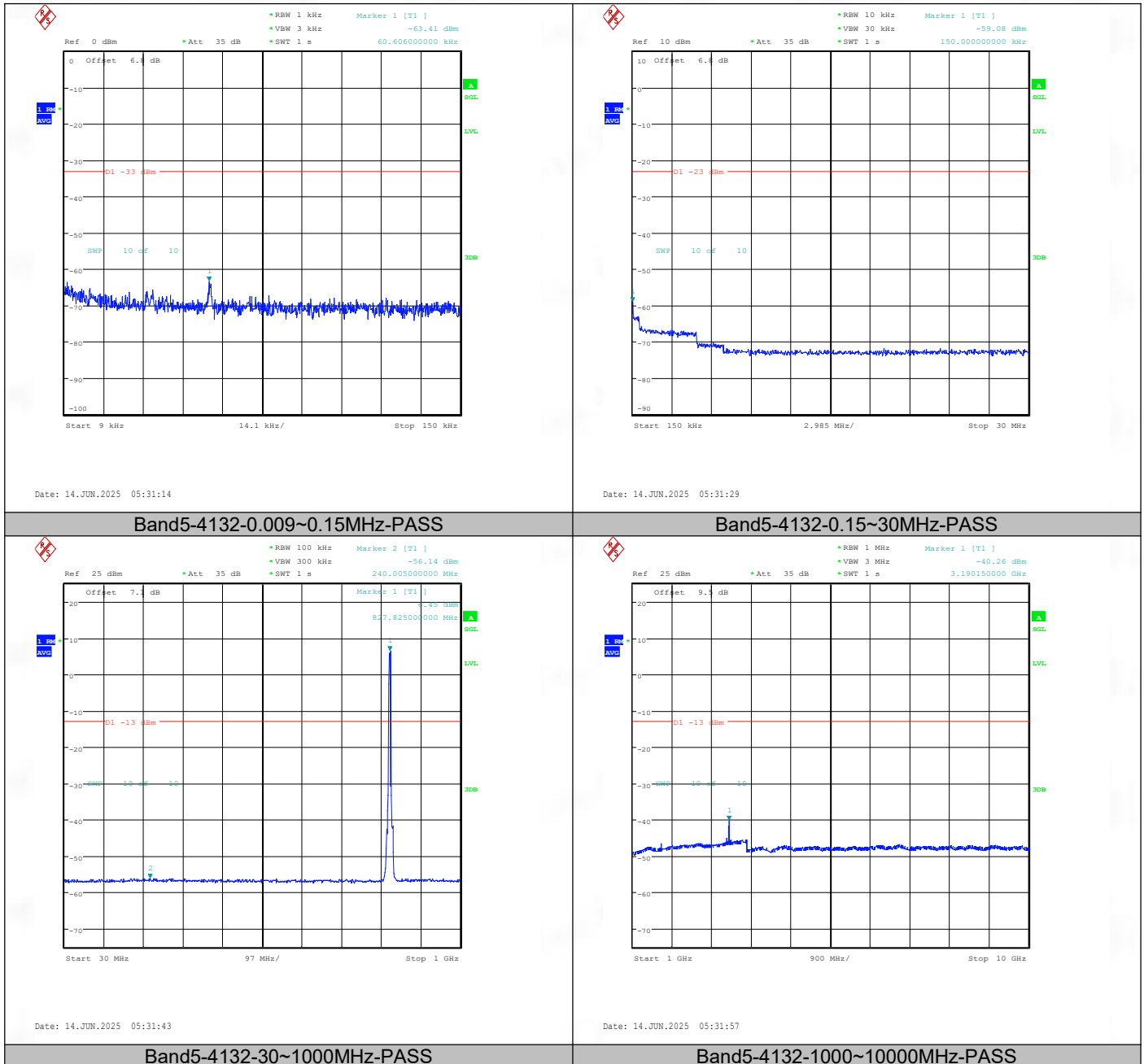
Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band5	4132	1	0.009~0.15MHz	0.06	-63.65	-33	PASS
Band5	4132	1	0.15~30MHz	0.15	-59.49	-23	PASS
Band5	4132	1	30~1000MHz	247.77	-56.1	-13	PASS
Band5	4132	1	1000~10000MHz	3194.2	-40.06	-13	PASS
Band5	4132	2	0.009~0.15MHz	0.01	-63.94	-33	PASS
Band5	4132	2	0.15~30MHz	0.15	-59.36	-23	PASS
Band5	4132	2	30~1000MHz	203.15	-56.04	-13	PASS
Band5	4132	2	1000~10000MHz	3191.05	-39.82	-13	PASS
Band5	4132	3	0.009~0.15MHz	0.06	-63.47	-33	PASS
Band5	4132	3	0.15~30MHz	0.15	-59.06	-23	PASS
Band5	4132	3	30~1000MHz	256.98	-56.09	-13	PASS
Band5	4132	3	1000~10000MHz	3190.15	-38.7	-13	PASS
Band5	4132	4	0.009~0.15MHz	0.06	-63.09	-33	PASS
Band5	4132	4	0.15~30MHz	0.15	-58.92	-23	PASS
Band5	4132	4	30~1000MHz	226.43	-56.03	-13	PASS
Band5	4132	4	1000~10000MHz	2444.05	-38.75	-13	PASS
Band5	4182	1	0.009~0.15MHz	0.06	-63.95	-33	PASS
Band5	4182	1	0.15~30MHz	0.18	-59.01	-23	PASS
Band5	4182	1	30~1000MHz	230.31	-56.09	-13	PASS
Band5	4182	1	1000~10000MHz	3192.85	-40.34	-13	PASS
Band5	4182	2	0.009~0.15MHz	0.06	-63.01	-33	PASS
Band5	4182	2	0.15~30MHz	0.15	-59.01	-23	PASS
Band5	4182	2	30~1000MHz	277.35	-55.98	-13	PASS
Band5	4182	2	1000~10000MHz	3190.15	-39.65	-13	PASS
Band5	4182	3	0.009~0.15MHz	0.01	-63.17	-33	PASS
Band5	4182	3	0.15~30MHz	0.18	-59.38	-23	PASS
Band5	4182	3	30~1000MHz	237.58	-56.13	-13	PASS
Band5	4182	3	1000~10000MHz	3189.7	-39.32	-13	PASS
Band5	4182	4	0.009~0.15MHz	0.06	-63.02	-33	PASS
Band5	4182	4	0.15~30MHz	0.18	-59.25	-23	PASS
Band5	4182	4	30~1000MHz	236.13	-56.13	-13	PASS
Band5	4182	4	1000~10000MHz	3189.25	-40.44	-13	PASS
Band5	4233	1	0.009~0.15MHz	0.06	-62.56	-33	PASS
Band5	4233	1	0.15~30MHz	0.15	-59.44	-23	PASS
Band5	4233	1	30~1000MHz	235.16	-56.04	-13	PASS
Band5	4233	1	1000~10000MHz	3191.95	-41.05	-13	PASS
Band5	4233	2	0.009~0.15MHz	0.06	-63.12	-33	PASS
Band5	4233	2	0.15~30MHz	0.18	-58.79	-23	PASS
Band5	4233	2	30~1000MHz	324.4	-56.02	-13	PASS

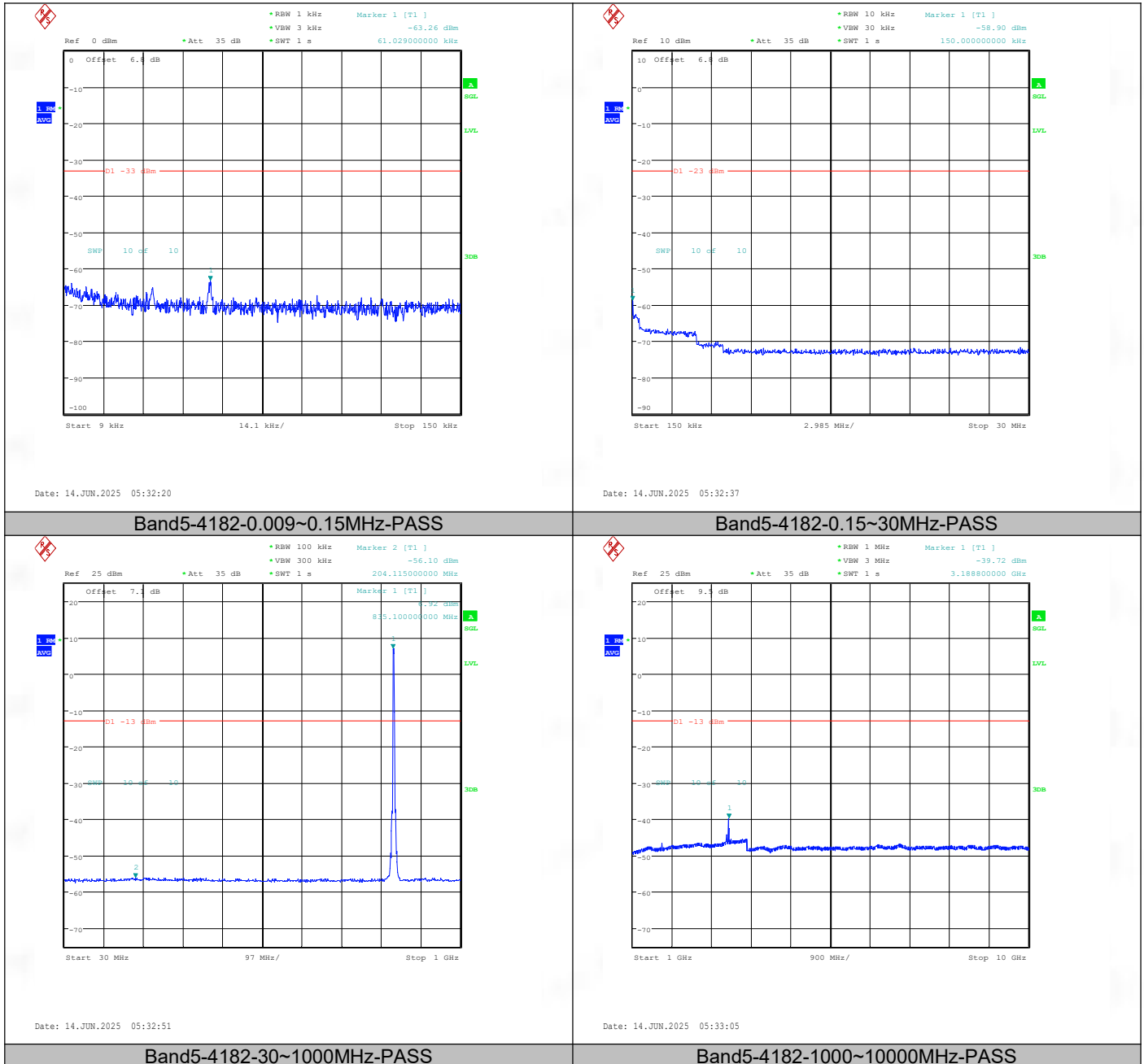
Band5	4233	2	1000~10000MHz	3189.25	-40.25	-13	PASS
Band5	4233	3	0.009~0.15MHz	0.06	-63.13	-33	PASS
Band5	4233	3	0.15~30MHz	0.18	-59.23	-23	PASS
Band5	4233	3	30~1000MHz	194.42	-55.94	-13	PASS
Band5	4233	3	1000~10000MHz	3189.25	-39.57	-13	PASS
Band5	4233	4	0.009~0.15MHz	0.06	-63.42	-33	PASS
Band5	4233	4	0.15~30MHz	0.15	-59.32	-23	PASS
Band5	4233	4	30~1000MHz	241.95	-56.02	-13	PASS
Band5	4233	4	1000~10000MHz	3188.8	-40.07	-13	PASS

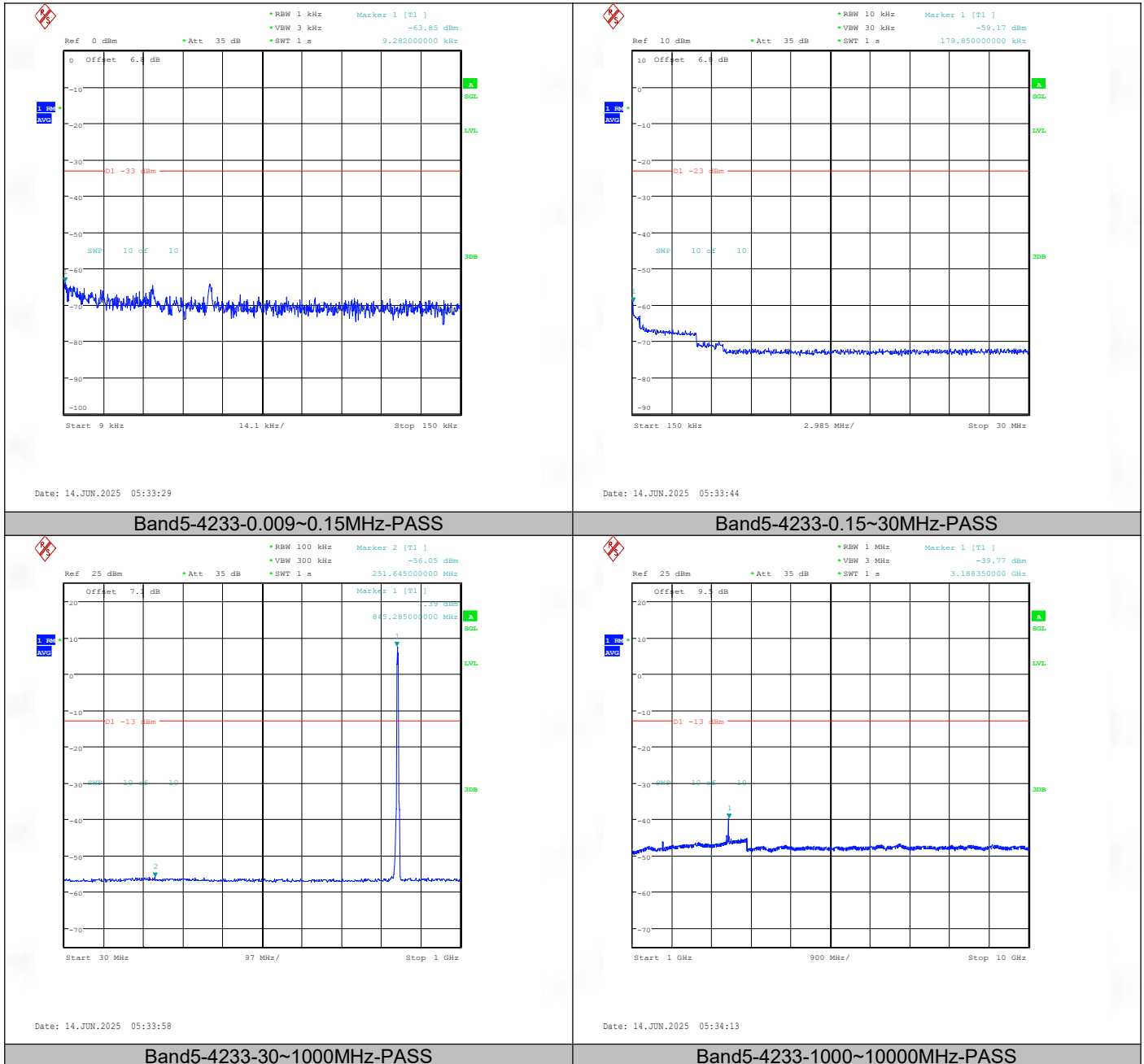
Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band5	4132	1	0.009~0.15MHz	0.06	-62.62	-33	PASS
Band5	4132	1	0.15~30MHz	0.18	-59.22	-23	PASS
Band5	4132	1	30~1000MHz	204.12	-56.11	-13	PASS
Band5	4132	1	1000~10000MHz	3196	-40.11	-13	PASS
Band5	4132	2	0.009~0.15MHz	0.06	-62.23	-33	PASS
Band5	4132	2	0.15~30MHz	0.18	-59.15	-23	PASS
Band5	4132	2	30~1000MHz	250.68	-56.13	-13	PASS
Band5	4132	2	1000~10000MHz	3191.95	-39.99	-13	PASS
Band5	4132	3	0.009~0.15MHz	0.04	-62.94	-33	PASS
Band5	4132	3	0.15~30MHz	0.15	-59.37	-23	PASS
Band5	4132	3	30~1000MHz	222.55	-56.14	-13	PASS
Band5	4132	3	1000~10000MHz	3190.15	-39.54	-13	PASS
Band5	4132	4	0.009~0.15MHz	0.06	-64.04	-33	PASS
Band5	4132	4	0.15~30MHz	0.15	-59.12	-23	PASS
Band5	4132	4	30~1000MHz	262.32	-56.12	-13	PASS
Band5	4132	4	1000~10000MHz	3188.35	-39.57	-13	PASS
Band5	4132	5	0.009~0.15MHz	0.06	-63.07	-33	PASS
Band5	4132	5	0.15~30MHz	0.18	-58.86	-23	PASS
Band5	4132	5	30~1000MHz	231.28	-56.08	-13	PASS
Band5	4132	5	1000~10000MHz	3187	-39.19	-13	PASS
Band5	4182	1	0.009~0.15MHz	0.06	-63.01	-33	PASS
Band5	4182	1	0.15~30MHz	0.15	-59.23	-23	PASS
Band5	4182	1	30~1000MHz	215.76	-56.18	-13	PASS
Band5	4182	1	1000~10000MHz	3194.2	-40.01	-13	PASS
Band5	4182	2	0.009~0.15MHz	0.01	-63.51	-33	PASS
Band5	4182	2	0.15~30MHz	0.18	-59.21	-23	PASS
Band5	4182	2	30~1000MHz	330.7	-56.11	-13	PASS
Band5	4182	2	1000~10000MHz	2443.6	-36.22	-13	PASS
Band5	4182	3	0.009~0.15MHz	0.06	-63.13	-33	PASS
Band5	4182	3	0.15~30MHz	0.18	-59.26	-23	PASS
Band5	4182	3	30~1000MHz	260.38	-56.01	-13	PASS
Band5	4182	3	1000~10000MHz	3189.25	-39.59	-13	PASS
Band5	4182	4	0.009~0.15MHz	0.06	-63.58	-33	PASS
Band5	4182	4	0.15~30MHz	0.15	-59.3	-23	PASS
Band5	4182	4	30~1000MHz	194.42	-55.95	-13	PASS
Band5	4182	4	1000~10000MHz	3187.45	-40.54	-13	PASS
Band5	4182	5	0.009~0.15MHz	0.06	-62.41	-33	PASS
Band5	4182	5	0.15~30MHz	0.15	-59.04	-23	PASS
Band5	4182	5	30~1000MHz	243.4	-56.09	-13	PASS
Band5	4182	5	1000~10000MHz	3187	-39.9	-13	PASS
Band5	4233	1	0.009~0.15MHz	0.01	-62.73	-33	PASS
Band5	4233	1	0.15~30MHz	0.15	-59.27	-23	PASS
Band5	4233	1	30~1000MHz	345.25	-56.15	-13	PASS
Band5	4233	1	1000~10000MHz	3192.85	-40.02	-13	PASS
Band5	4233	2	0.009~0.15MHz	0.06	-62.97	-33	PASS
Band5	4233	2	0.15~30MHz	0.18	-58.94	-23	PASS
Band5	4233	2	30~1000MHz	230.79	-56.05	-13	PASS

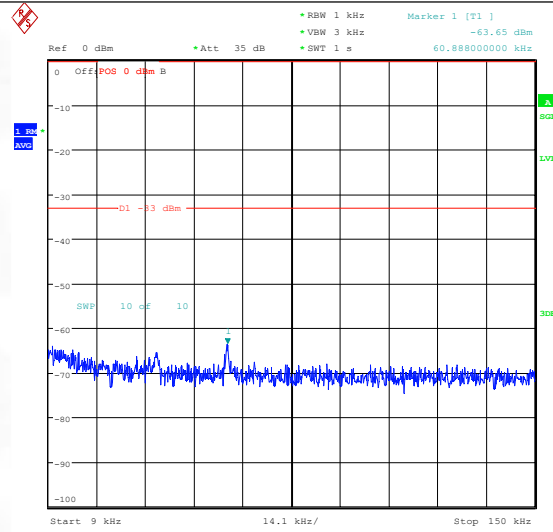
Band5	4233	2	1000~10000MHz	3190.6	-40.46	-13	PASS
Band5	4233	3	0.009~0.15MHz	0.06	-63.78	-33	PASS
Band5	4233	3	0.15~30MHz	0.15	-59.21	-23	PASS
Band5	4233	3	30~1000MHz	225.46	-56.08	-13	PASS
Band5	4233	3	1000~10000MHz	3188.8	-40.24	-13	PASS
Band5	4233	4	0.009~0.15MHz	0.01	-64.02	-33	PASS
Band5	4233	4	0.15~30MHz	0.15	-58.84	-23	PASS
Band5	4233	4	30~1000MHz	227.4	-56.13	-13	PASS
Band5	4233	4	1000~10000MHz	2444.05	-35.76	-13	PASS
Band5	4233	5	0.009~0.15MHz	0.01	-63.6	-33	PASS
Band5	4233	5	0.15~30MHz	0.15	-59.19	-23	PASS
Band5	4233	5	30~1000MHz	224.49	-56.06	-13	PASS
Band5	4233	5	1000~10000MHz	3187	-40.66	-13	PASS

1.5.2 Test Graphs



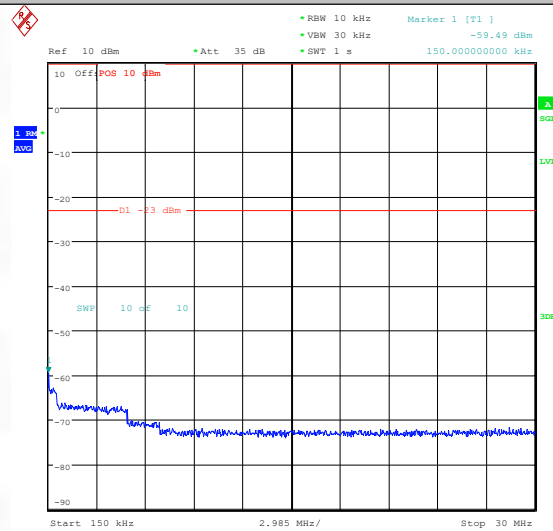






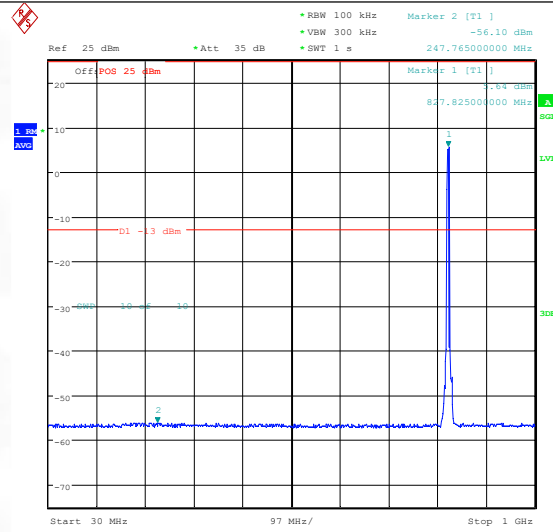
Date: 14.JUN.2025 06:19:56

Band5-4132-1-0.009~0.15MHz-PASS



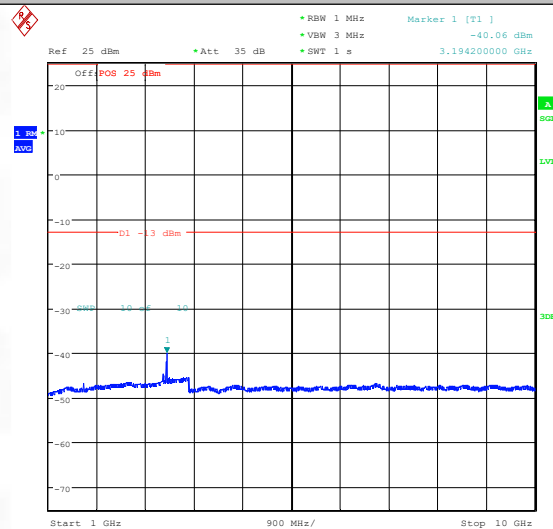
Date: 14.JUN.2025 06:20:13

Band5-4132-1-0.15~30MHz-PASS



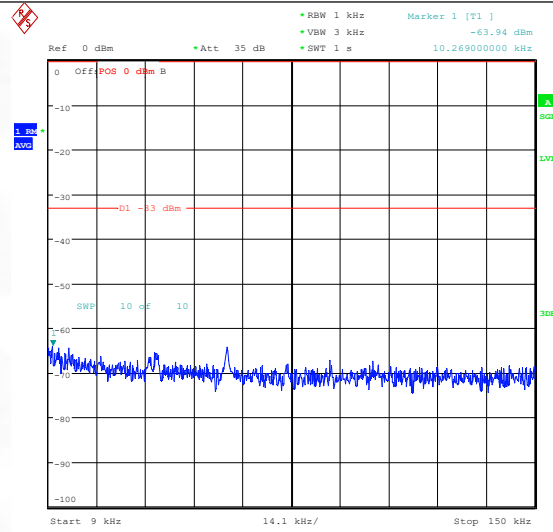
Date: 14.JUN.2025 06:20:30

Band5-4132-1-30~1000MHz-PASS



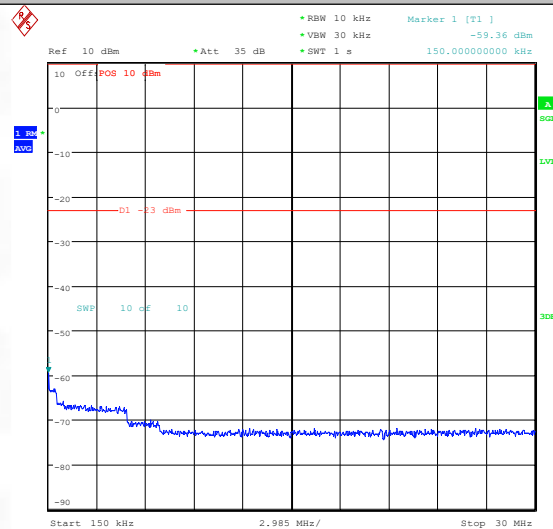
Date: 14.JUN.2025 06:20:46

Band5-4132-1-1000~10000MHz-PASS



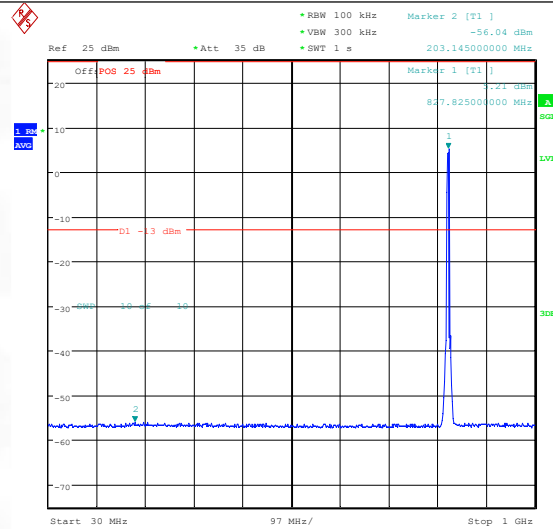
Date: 14.JUN.2025 06:23:59

Band5-4132-2-0.009~0.15MHz-PASS



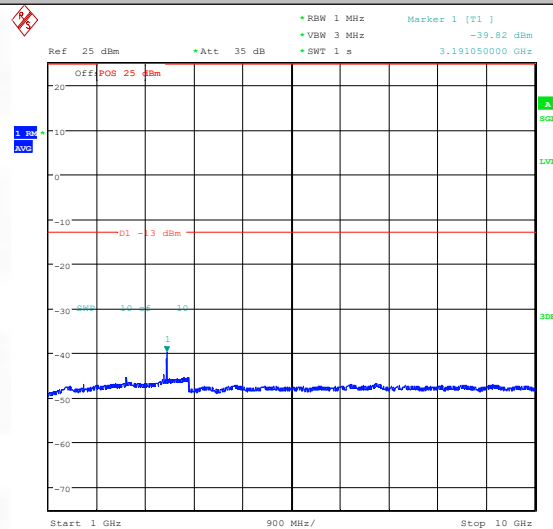
Date: 14.JUN.2025 06:24:16

Band5-4132-2-0.15~30MHz-PASS



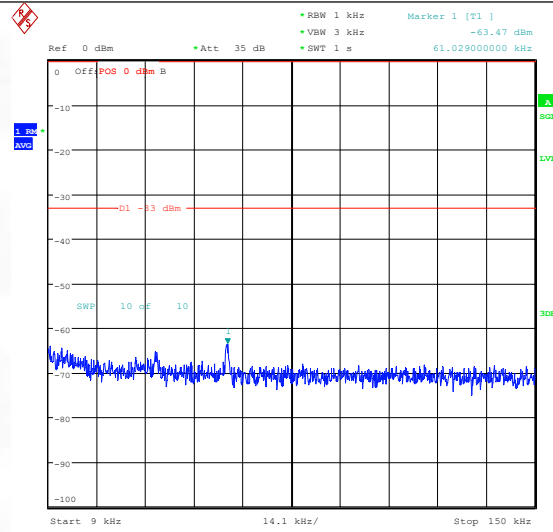
Date: 14.JUN.2025 06:24:33

Band5-4132-2-30~1000MHz-PASS



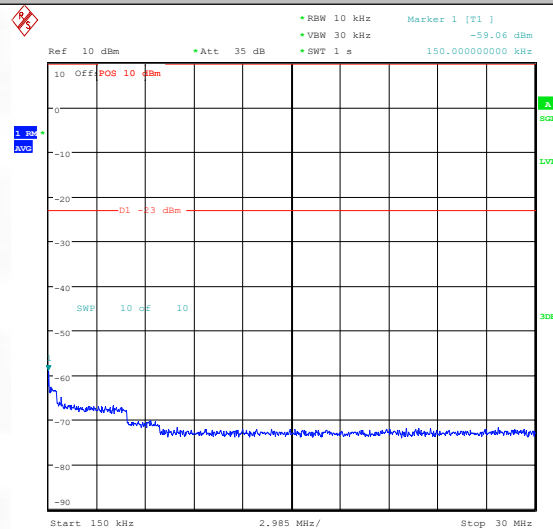
Date: 14.JUN.2025 06:24:49

Band5-4132-2-1000~10000MHz-PASS



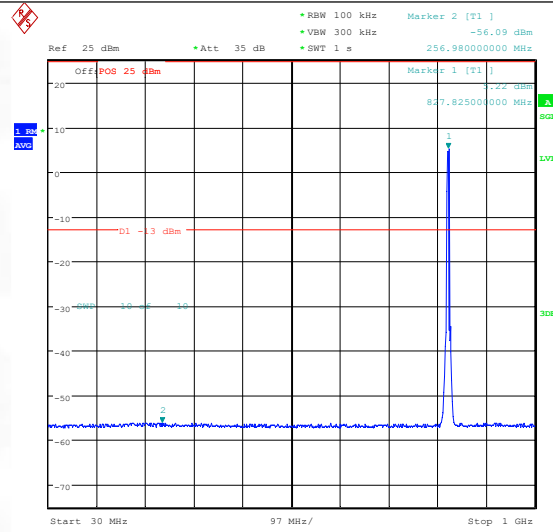
Date: 14.JUN.2025 06:28:03

Band5-4132-3-0.009~0.15MHz-PASS



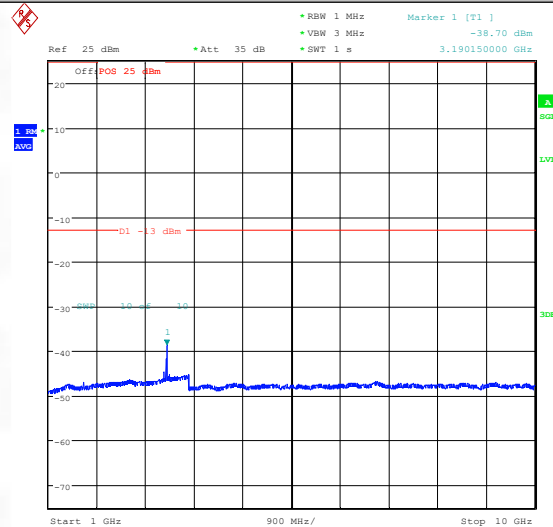
Date: 14.JUN.2025 06:28:19

Band5-4132-3-0.15~30MHz-PASS



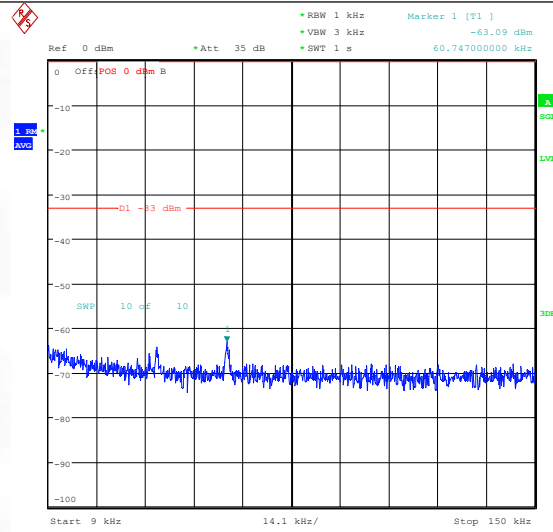
Date: 14.JUN.2025 06:28:36

Band5-4132-3-30~1000MHz-PASS



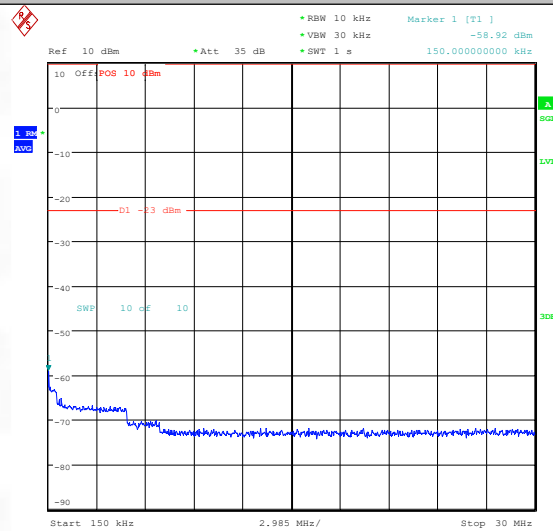
Date: 14.JUN.2025 06:28:52

Band5-4132-3-1000~10000MHz-PASS



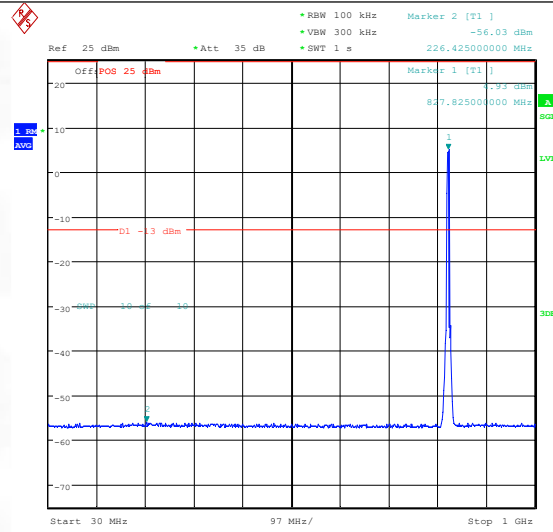
Date: 14.JUN.2025 06:32:03

Band5-4132-4-0.009~0.15MHz-PASS



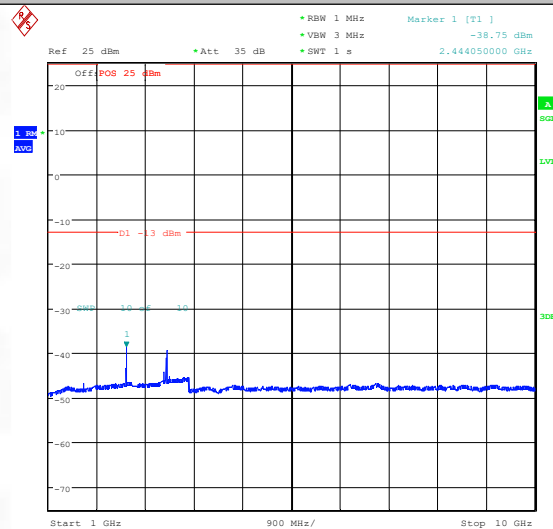
Date: 14.JUN.2025 06:32:20

Band5-4132-4-0.15~30MHz-PASS



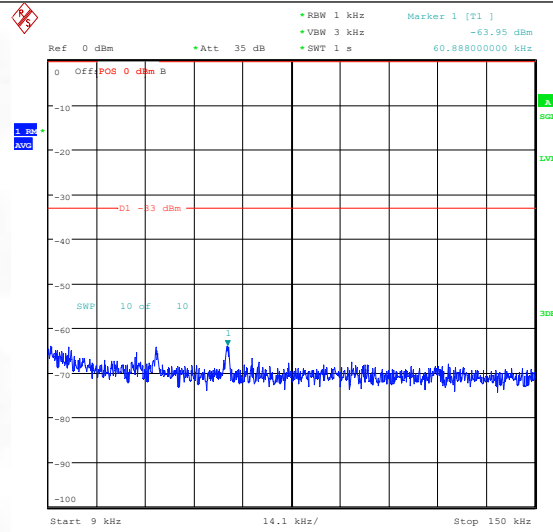
Date: 14.JUN.2025 06:32:37

Band5-4132-4-30~1000MHz-PASS



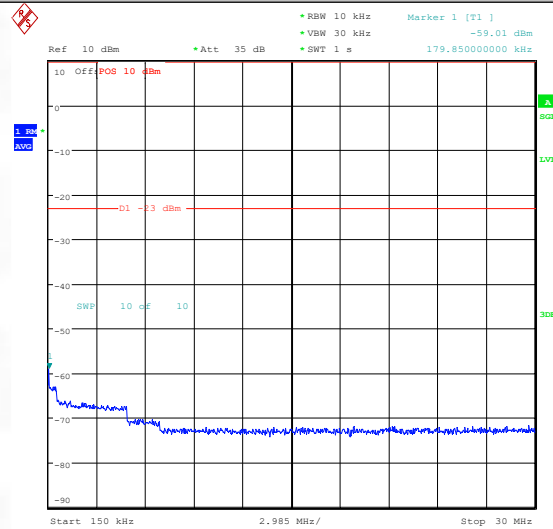
Date: 14.JUN.2025 06:32:53

Band5-4132-4-1000~10000MHz-PASS



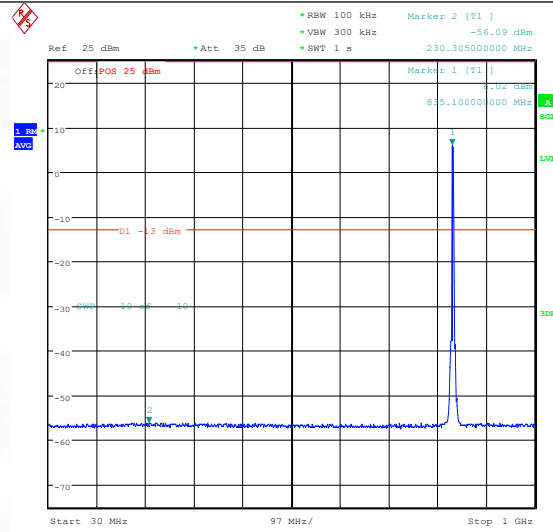
Date: 14.JUN.2025 06:21:11

Band5-4182-1-0.009~0.15MHz-PASS



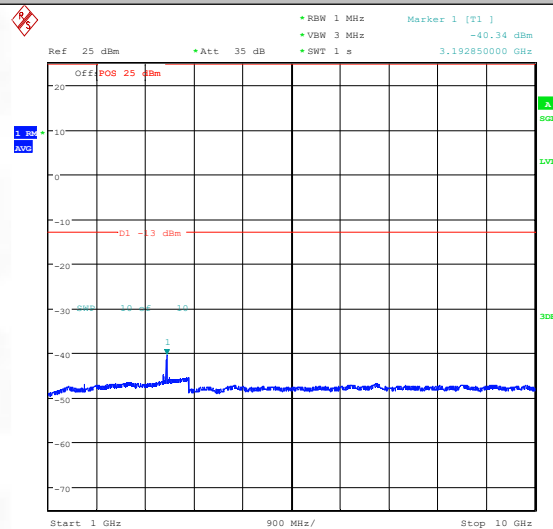
Date: 14.JUN.2025 06:21:28

Band5-4182-1-0.15~30MHz-PASS



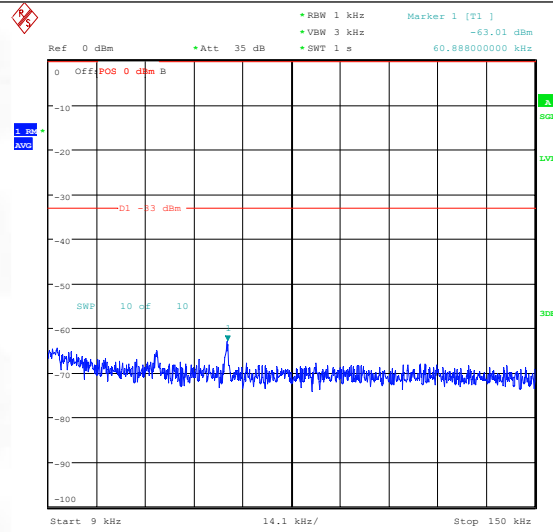
Date: 14.JUN.2025 06:21:45

Band5-4182-1-30~1000MHz-PASS



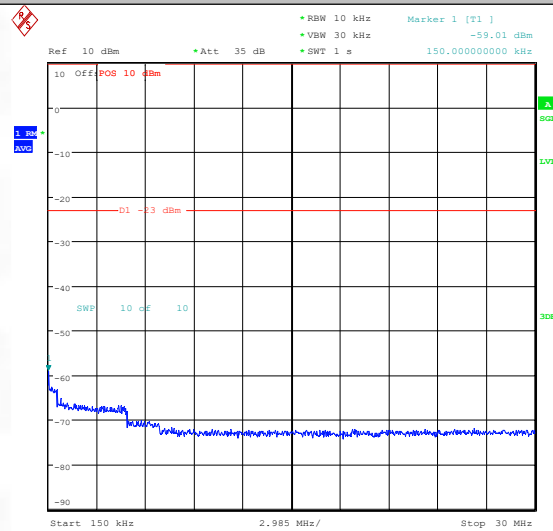
Date: 14.JUN.2025 06:22:01

Band5-4182-1-1000~10000MHz-PASS



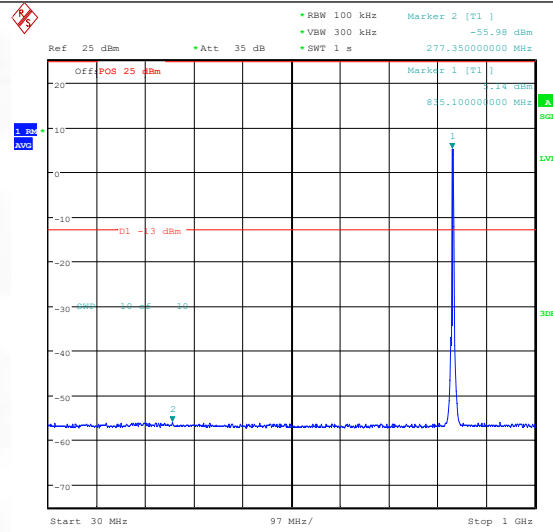
Date: 14.JUN.2025 06:25:14

Band5-4182-2-0.009~0.15MHz-PASS



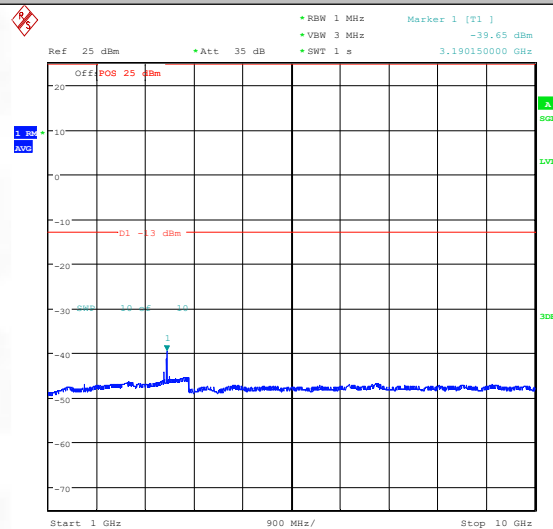
Date: 14.JUN.2025 06:25:31

Band5-4182-2-0.15~30MHz-PASS



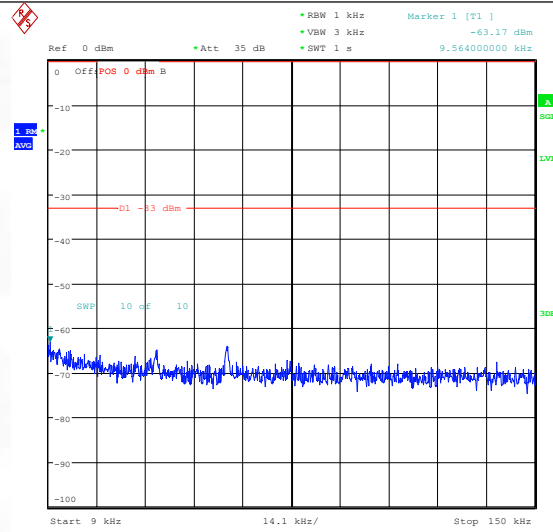
Date: 14.JUN.2025 06:25:48

Band5-4182-2-30~1000MHz-PASS



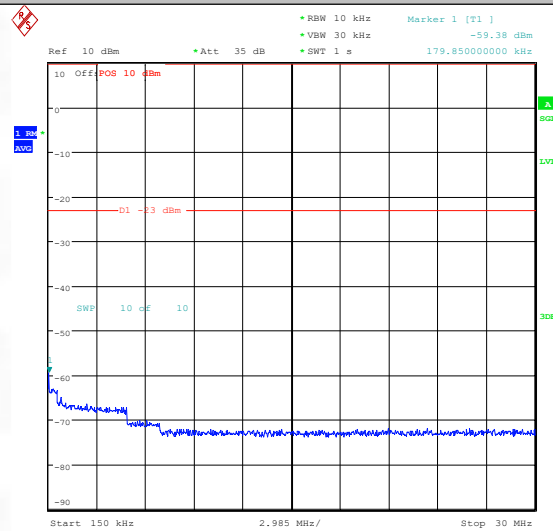
Date: 14.JUN.2025 06:26:04

Band5-4182-2-1000~10000MHz-PASS



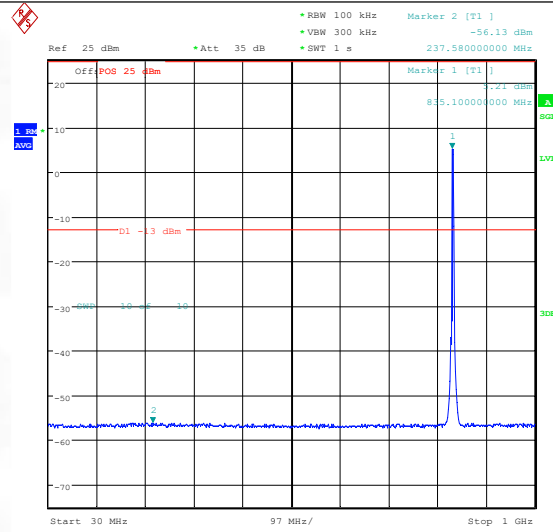
Date: 14.JUN.2025 06:29:18

Band5-4182-3-0.009~0.15MHz-PASS



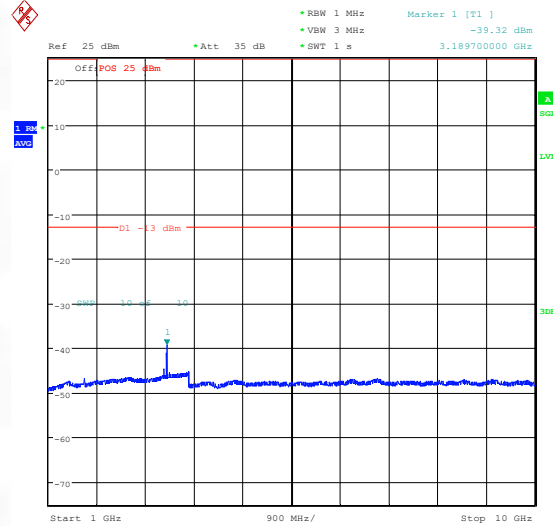
Date: 14.JUN.2025 06:29:34

Band5-4182-3-0.15~30MHz-PASS



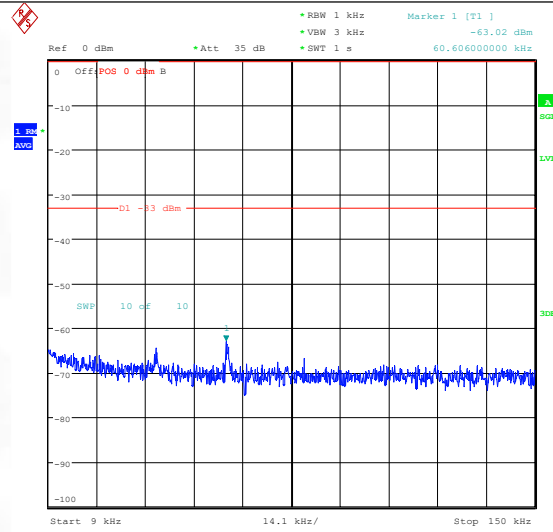
Date: 14.JUN.2025 06:29:51

Band5-4182-3-30~1000MHz-PASS



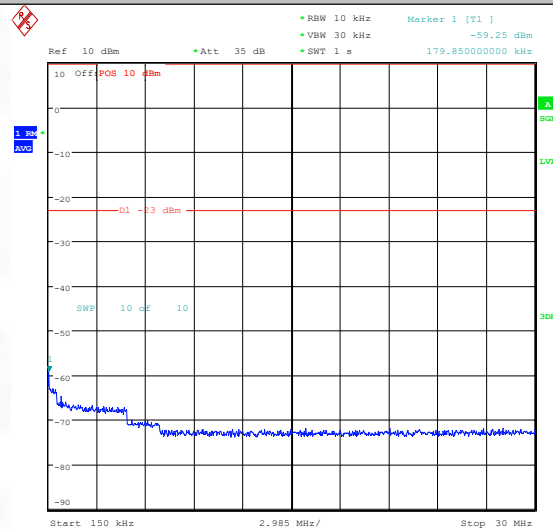
Date: 14.JUN.2025 06:30:07

Band5-4182-3-1000~10000MHz-PASS



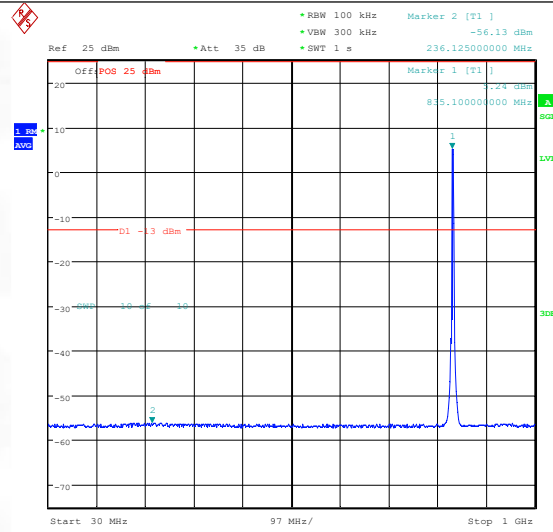
Date: 14.JUN.2025 06:33:18

Band5-4182-4-0.009~0.15MHz-PASS



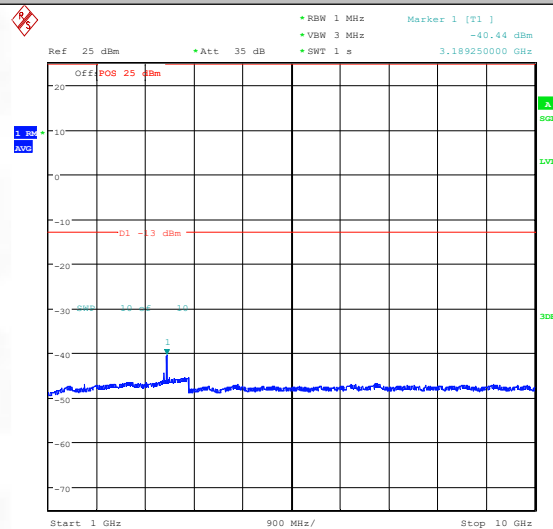
Date: 14.JUN.2025 06:33:35

Band5-4182-4-0.15~30MHz-PASS



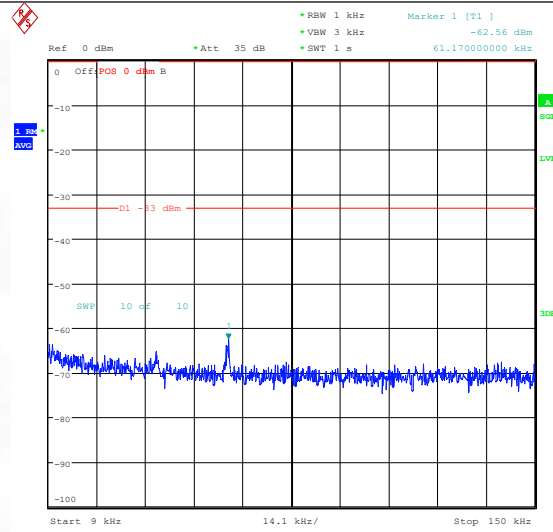
Date: 14.JUN.2025 06:33:52

Band5-4182-4-30~1000MHz-PASS



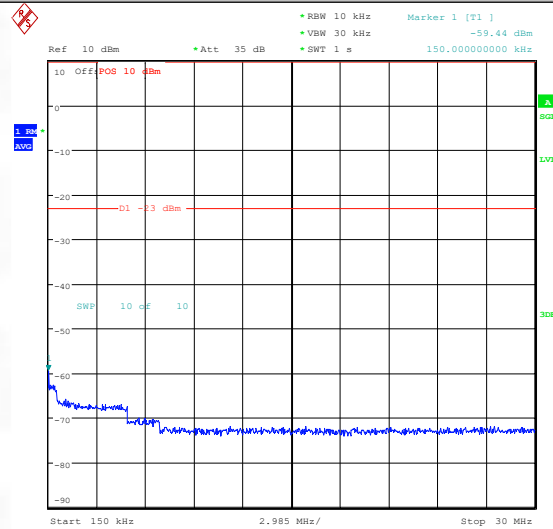
Date: 14.JUN.2025 06:34:08

Band5-4182-4-1000~10000MHz-PASS



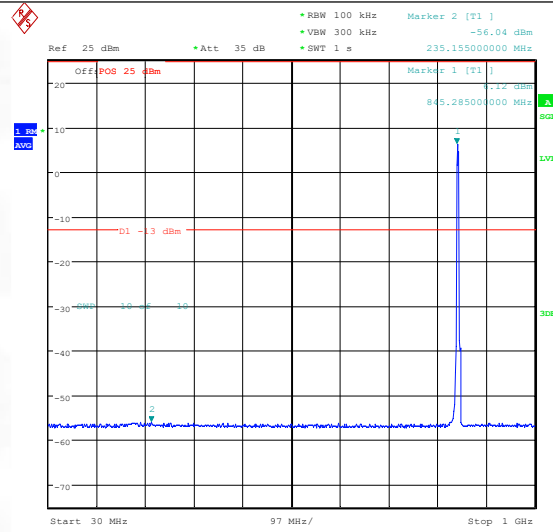
Date: 14.JUN.2025 06:22:26

Band5-4233-1-0.009~0.15MHz-PASS



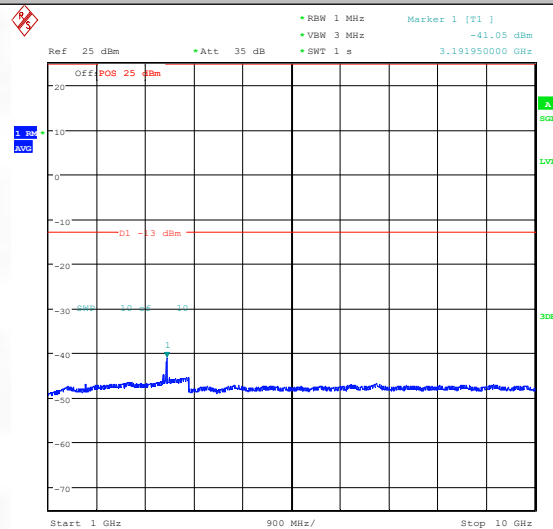
Date: 14.JUN.2025 06:22:43

Band5-4233-1-0.15~30MHz-PASS



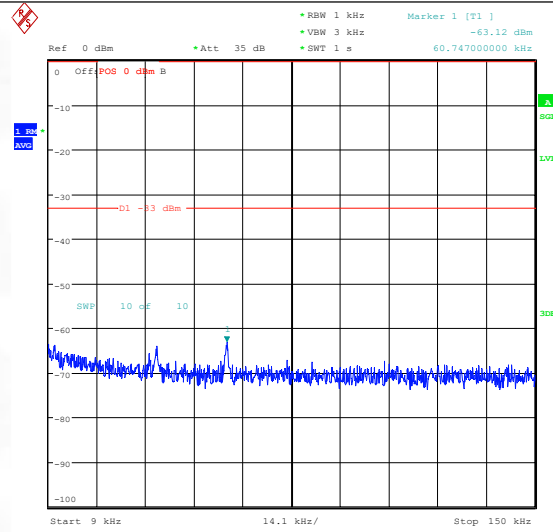
Date: 14.JUN.2025 06:23:00

Band5-4233-1-30~1000MHz-PASS



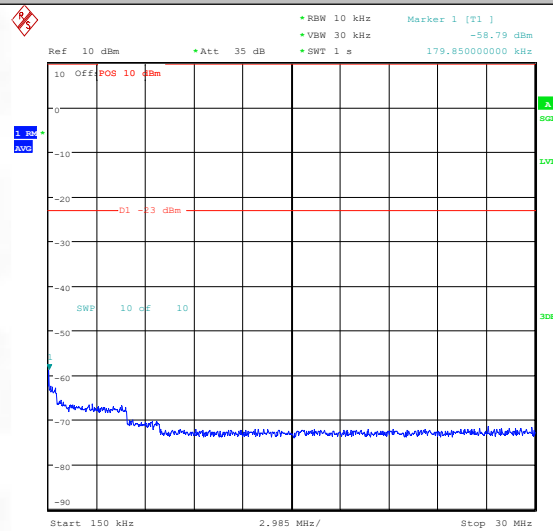
Date: 14.JUN.2025 06:23:16

Band5-4233-1-1000~10000MHz-PASS



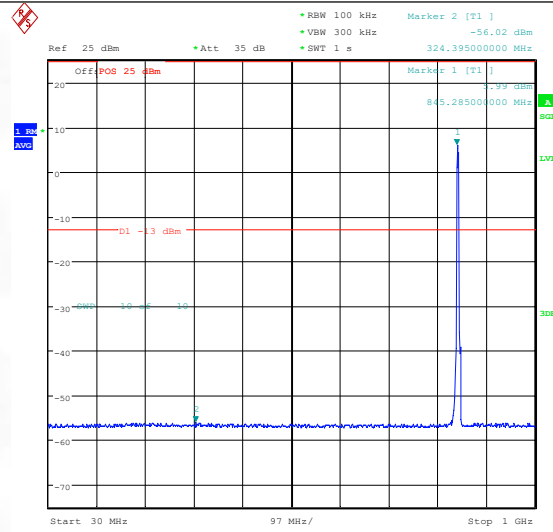
Date: 14.JUN.2025 06:26:29

Band5-4233-2-0.009~0.15MHz-PASS



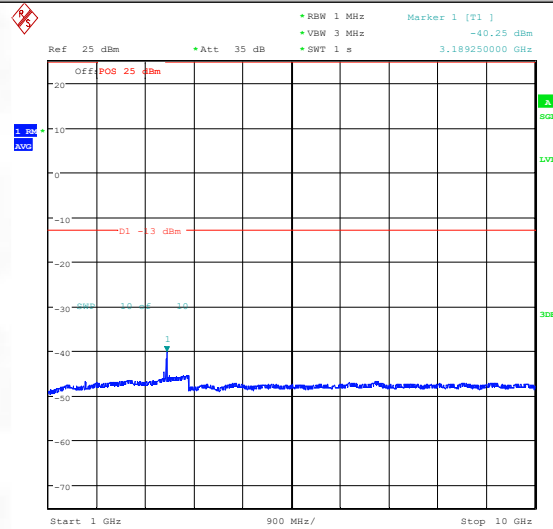
Date: 14.JUN.2025 06:26:46

Band5-4233-2-0.15~30MHz-PASS



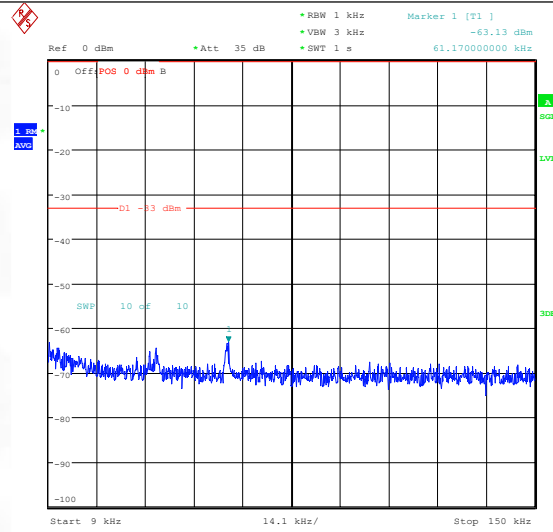
Date: 14.JUN.2025 06:27:03

Band5-4233-2-30~1000MHz-PASS



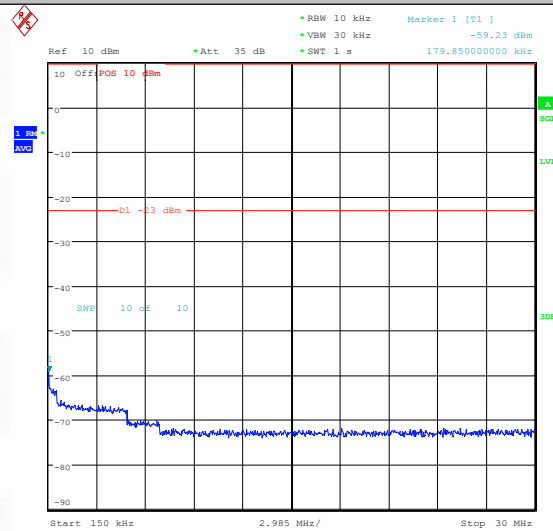
Date: 14.JUN.2025 06:27:19

Band5-4233-2-1000~10000MHz-PASS



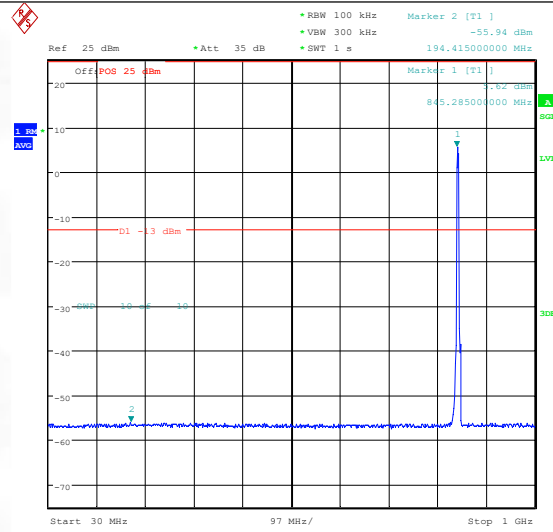
Date: 14.JUN.2025 06:30:32

Band5-4233-3-0.009~0.15MHz-PASS



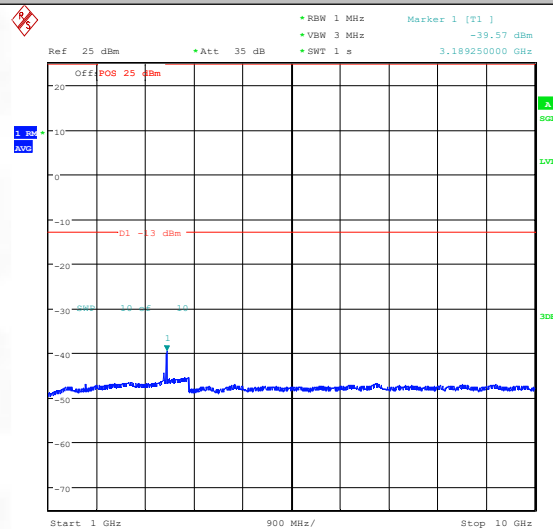
Date: 14.JUN.2025 06:30:49

Band5-4233-3-0.15~30MHz-PASS



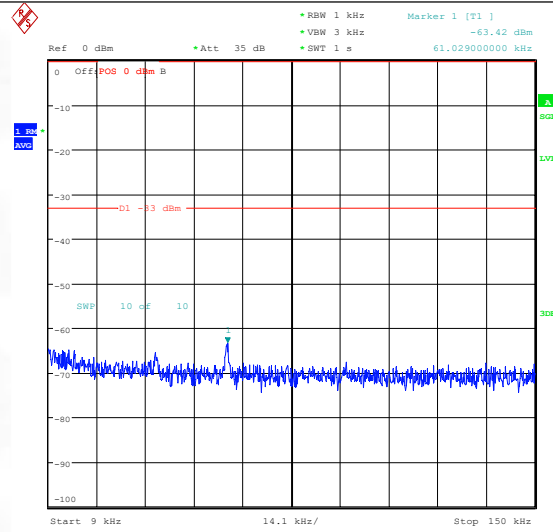
Date: 14.JUN.2025 06:31:06

Band5-4233-3-30~1000MHz-PASS



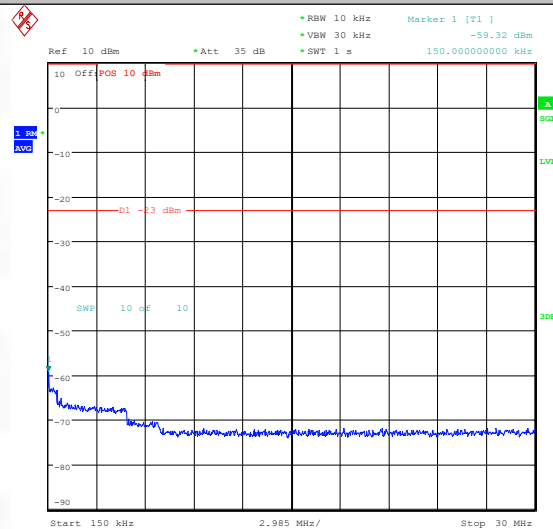
Date: 14.JUN.2025 06:31:22

Band5-4233-3-1000~10000MHz-PASS



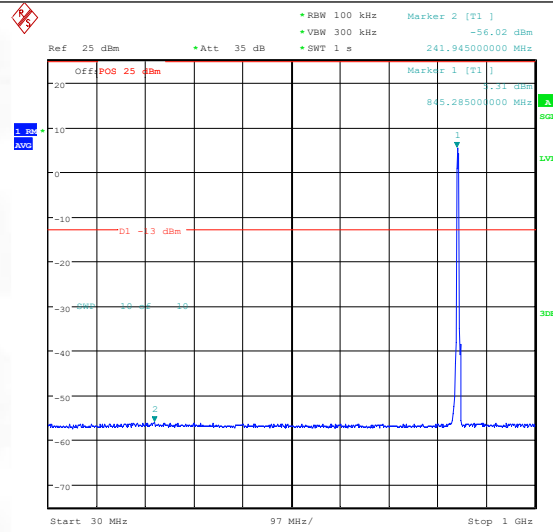
Date: 14.JUN.2025 06:34:33

Band5-4233-4-0.009~0.15MHz-PASS



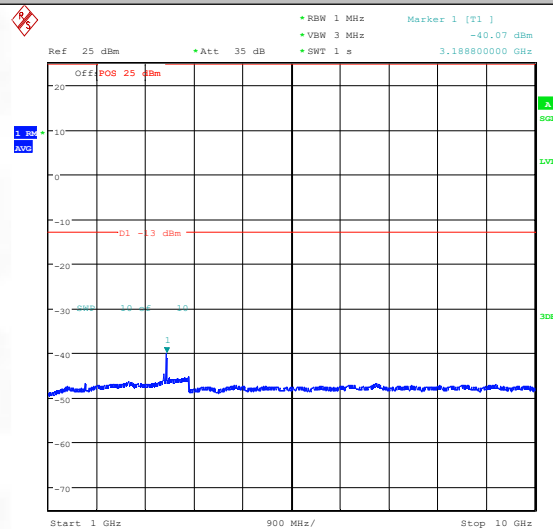
Date: 14.JUN.2025 06:34:50

Band5-4233-4-0.15~30MHz-PASS



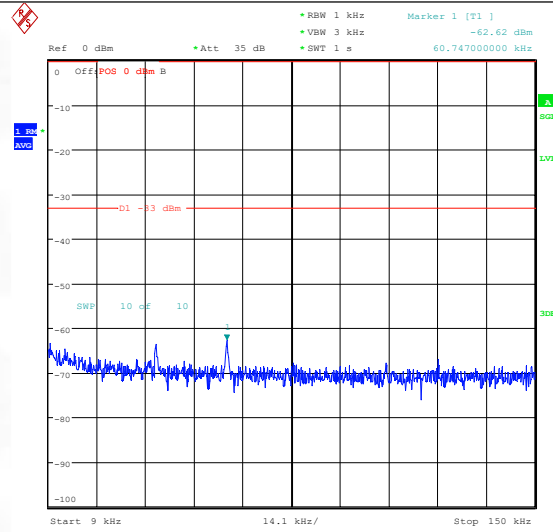
Date: 14.JUN.2025 06:35:07

Band5-4233-4-30~1000MHz-PASS



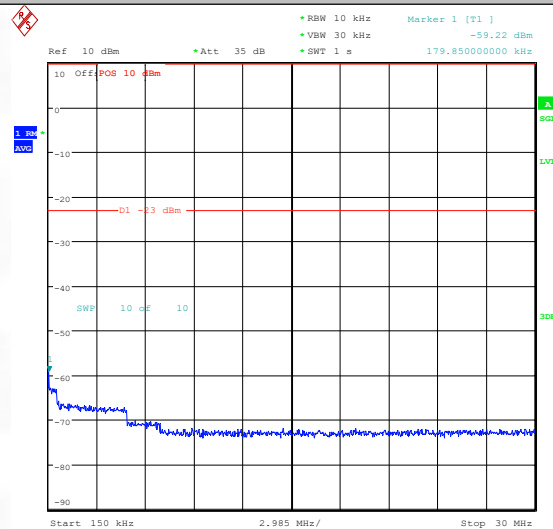
Date: 14.JUN.2025 06:35:24

Band5-4233-4-1000~10000MHz-PASS



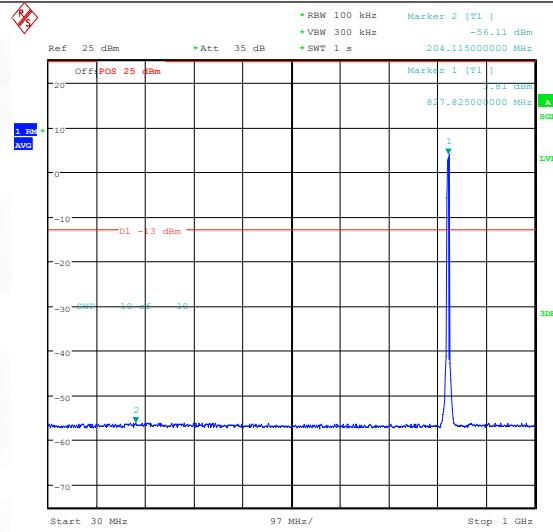
Date: 14.JUN.2025 08:00:53

Band5-4132-1-0.009~0.15MHz-PASS



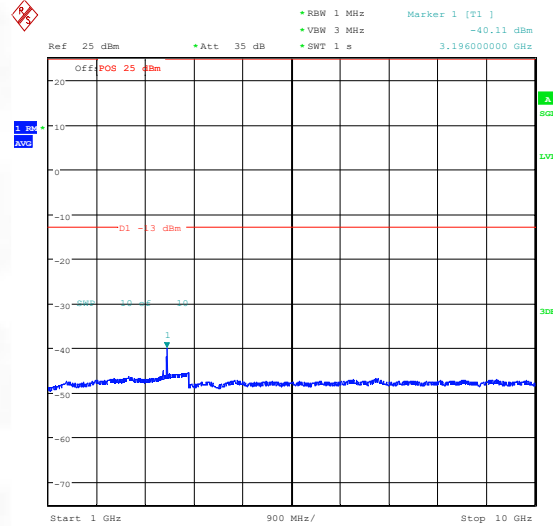
Date: 14.JUN.2025 08:01:09

Band5-4132-1-0.15~30MHz-PASS



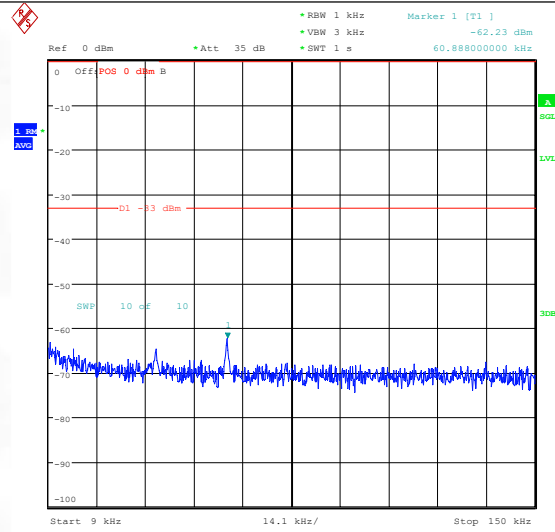
Date: 14.JUN.2025 08:01:26

Band5-4132-1-30~1000MHz-PASS



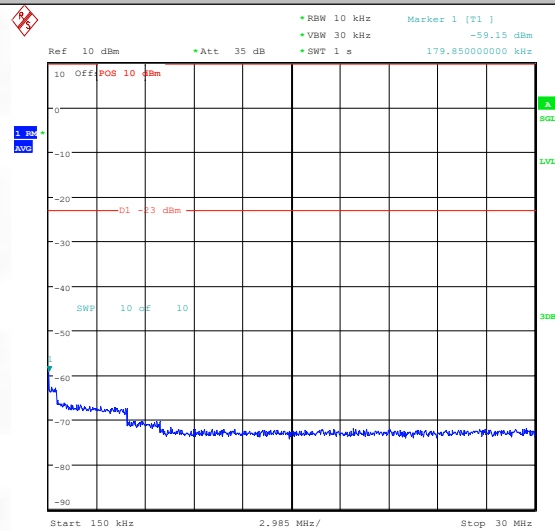
Date: 14.JUN.2025 08:01:42

Band5-4132-1-1000~10000MHz-PASS



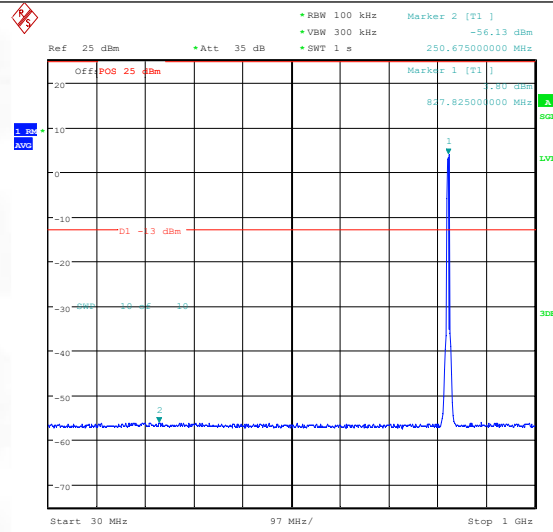
Date: 14.JUN.2025 08:06:34

Band5-4132-2-0.009~0.15MHz-PASS



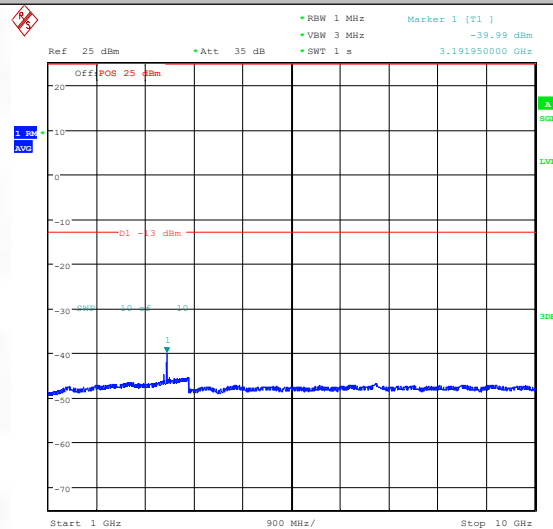
Date: 14.JUN.2025 08:06:50

Band5-4132-2-0.15~30MHz-PASS



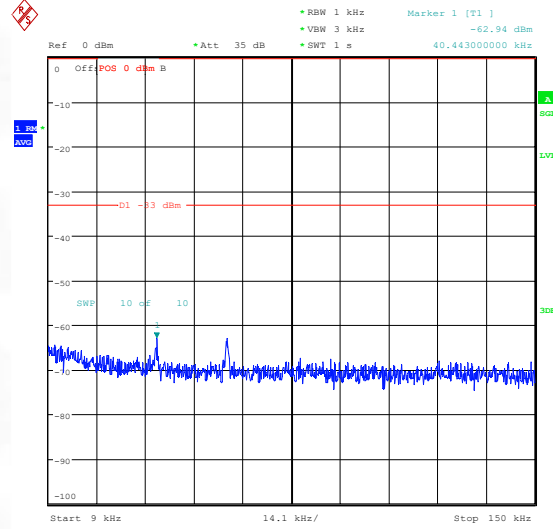
Date: 14.JUN.2025 08:07:06

Band5-4132-2-30~1000MHz-PASS



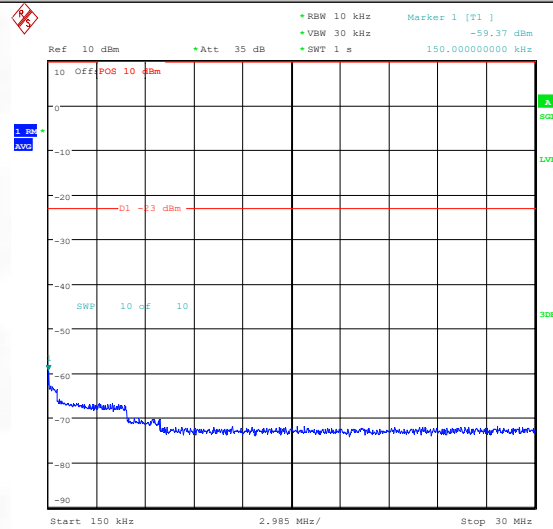
Date: 14.JUN.2025 08:07:23

Band5-4132-2-1000~10000MHz-PASS



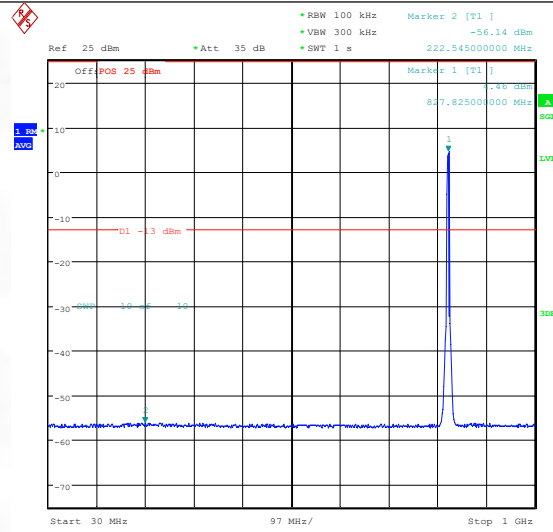
Date: 14.JUN.2025 08:12:04

Band5-4132-3-0.009~0.15MHz-PASS



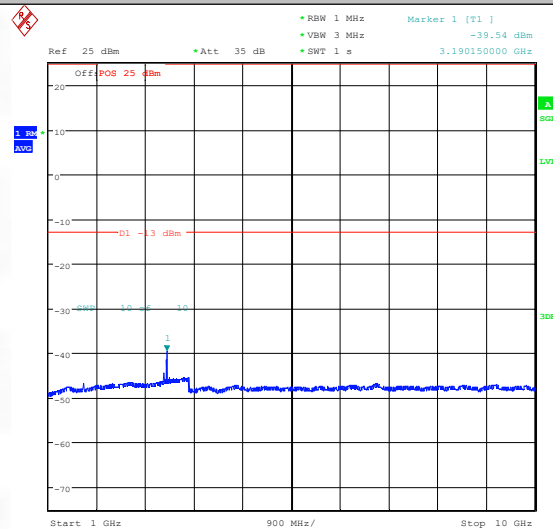
Date: 14.JUN.2025 08:12:20

Band5-4132-3-0.15~30MHz-PASS



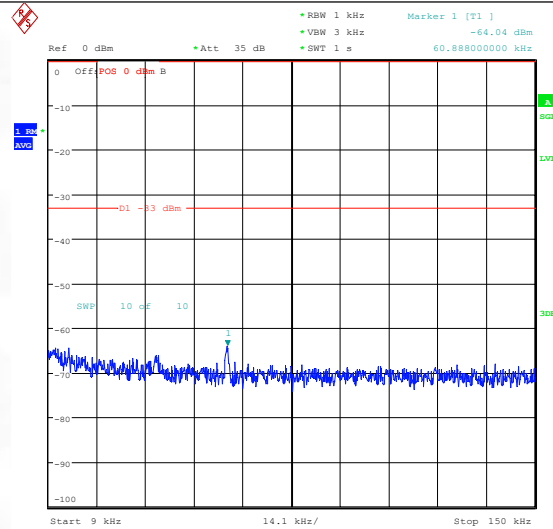
Date: 14.JUN.2025 08:12:37

Band5-4132-3-30~1000MHz-PASS



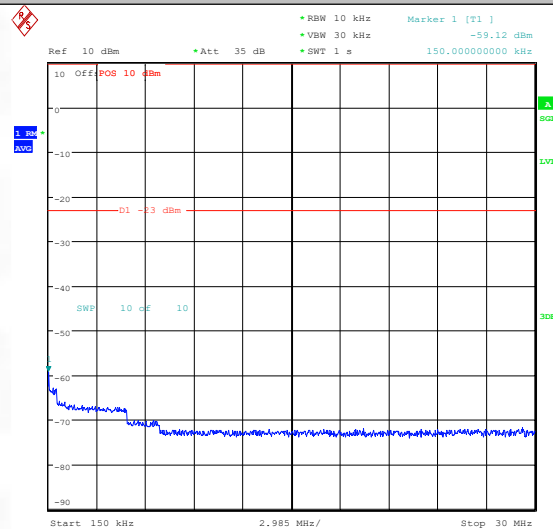
Date: 14.JUN.2025 08:12:53

Band5-4132-3-1000~10000MHz-PASS



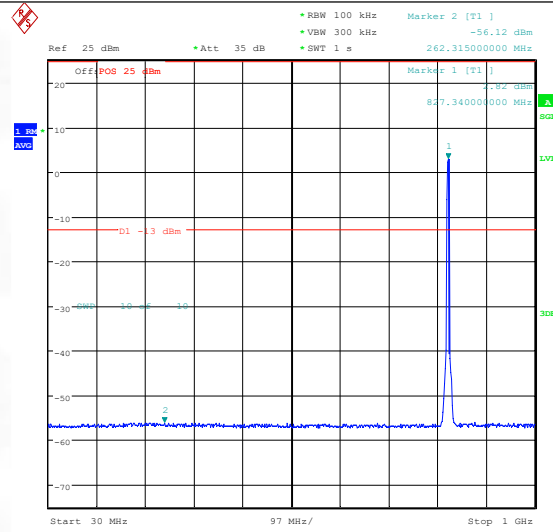
Date: 14.JUN.2025 08:17:52

Band5-4132-4-0.009~0.15MHz-PASS



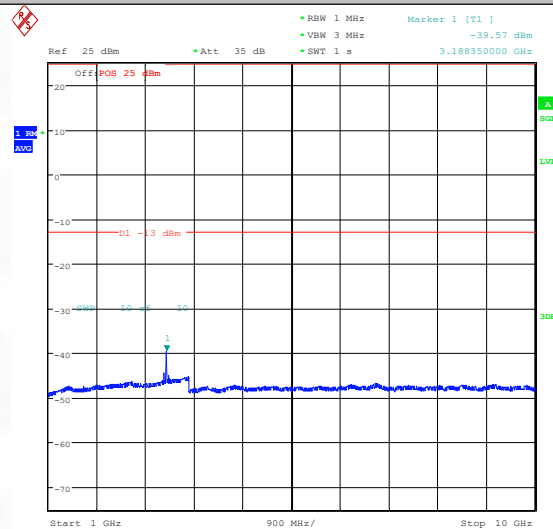
Date: 14.JUN.2025 08:18:08

Band5-4132-4-0.15~30MHz-PASS



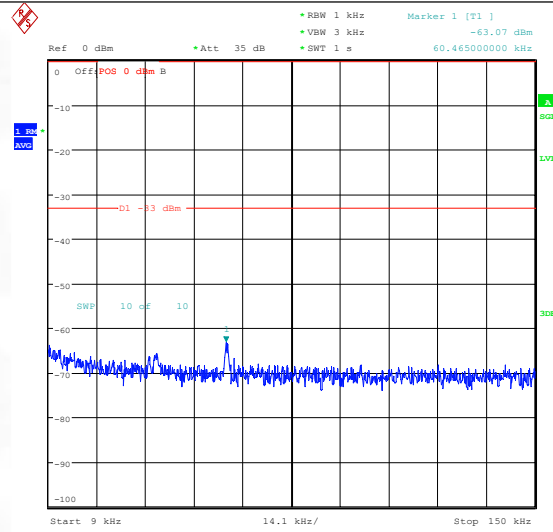
Date: 14.JUN.2025 08:18:25

Band5-4132-4-30~1000MHz-PASS



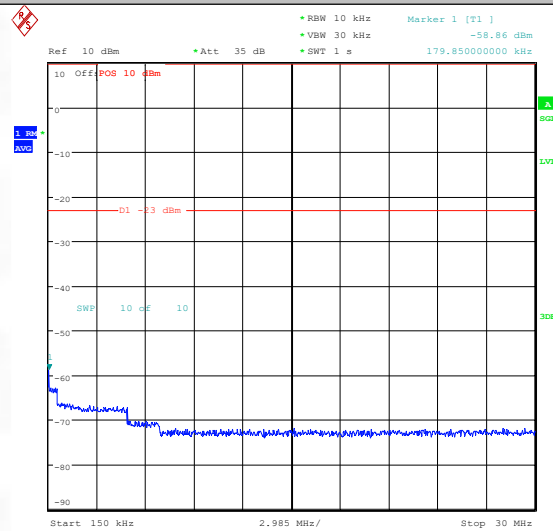
Date: 14.JUN.2025 08:18:42

Band5-4132-4-1000~10000MHz-PASS



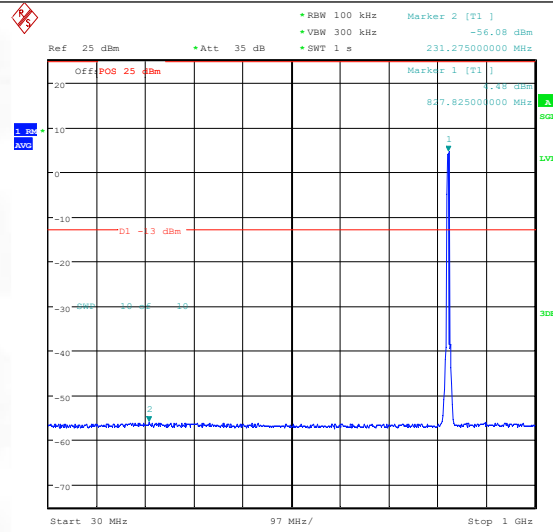
Date: 14.JUN.2025 08:23:31

Band5-4132-5-0.009~0.15MHz-PASS



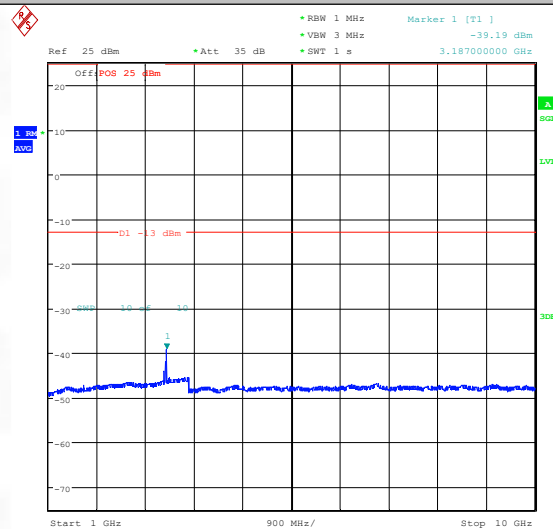
Date: 14.JUN.2025 08:23:47

Band5-4132-5-0.15~30MHz-PASS



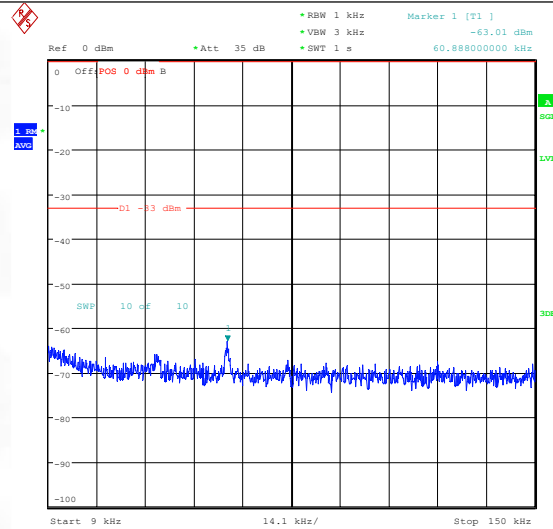
Date: 14.JUN.2025 08:24:04

Band5-4132-5-30~1000MHz-PASS



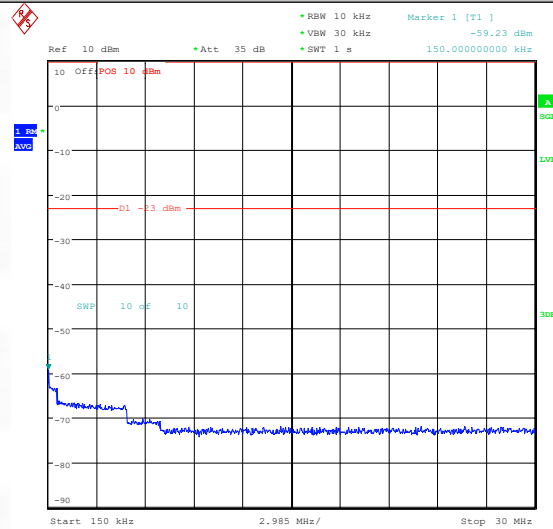
Date: 14.JUN.2025 08:24:20

Band5-4132-5-1000~10000MHz-PASS



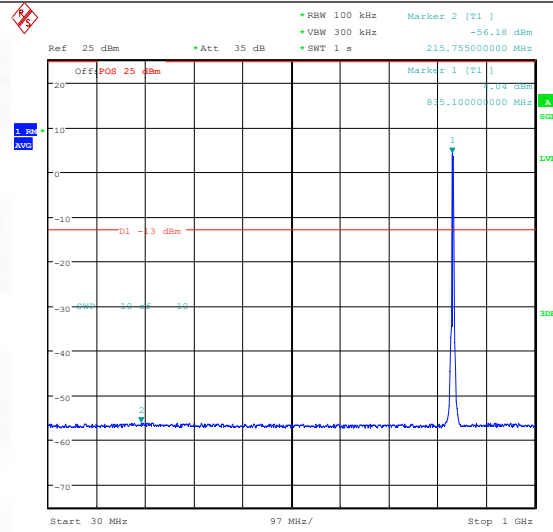
Date: 14.JUN.2025 08:03:02

Band5-4182-1-0.009~0.15MHz-PASS



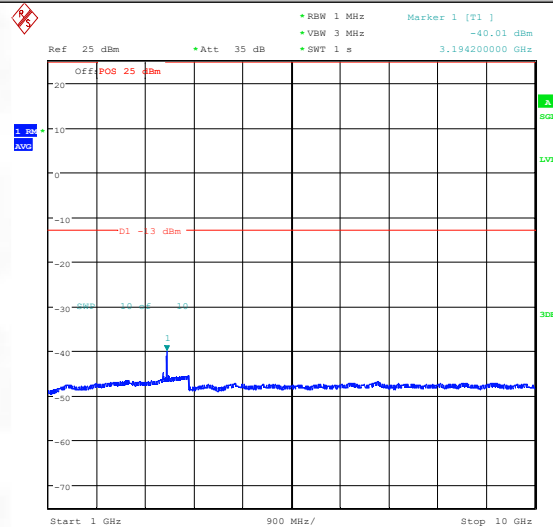
Date: 14.JUN.2025 08:03:18

Band5-4182-1-0.15~30MHz-PASS



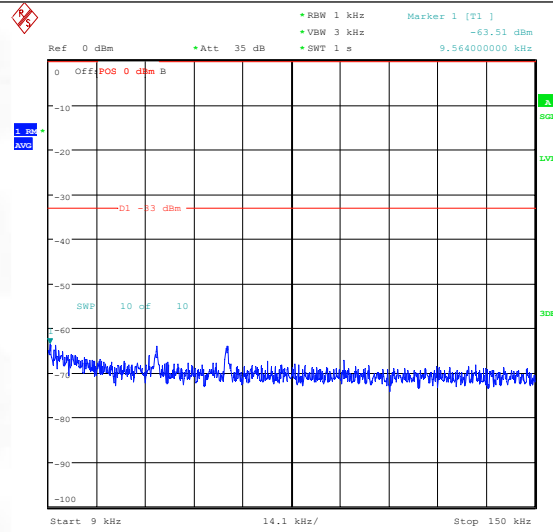
Date: 14.JUN.2025 08:03:35

Band5-4182-1-30~1000MHz-PASS



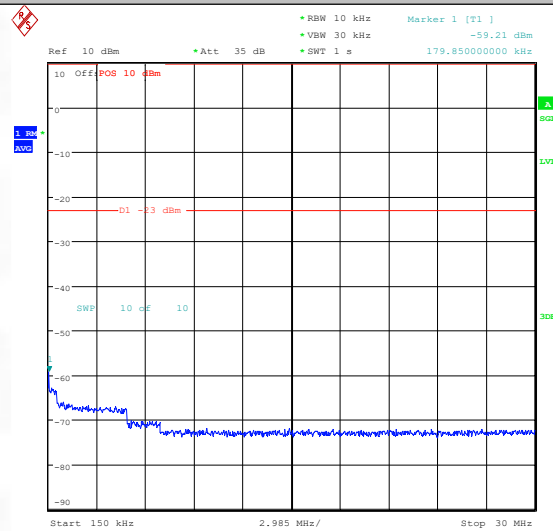
Date: 14.JUN.2025 08:03:51

Band5-4182-1-1000~10000MHz-PASS



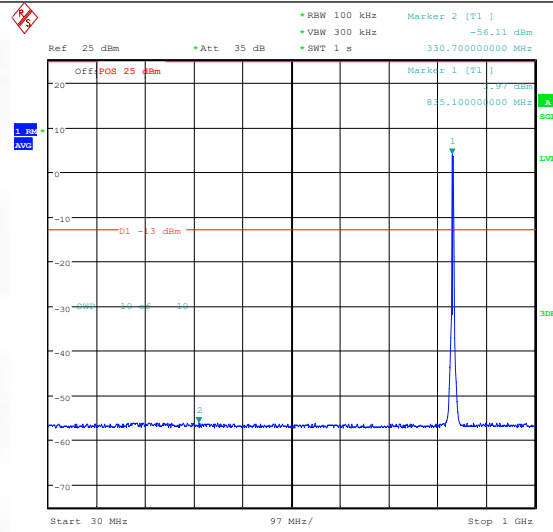
Date: 14.JUN.2025 08:08:32

Band5-4182-2-0.009~0.15MHz-PASS



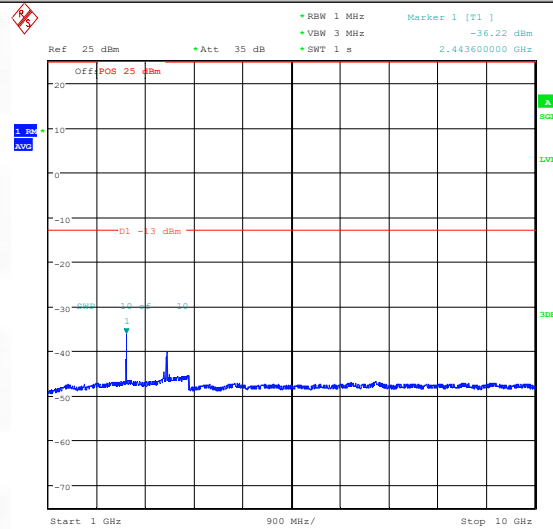
Date: 14.JUN.2025 08:08:48

Band5-4182-2-0.15~30MHz-PASS



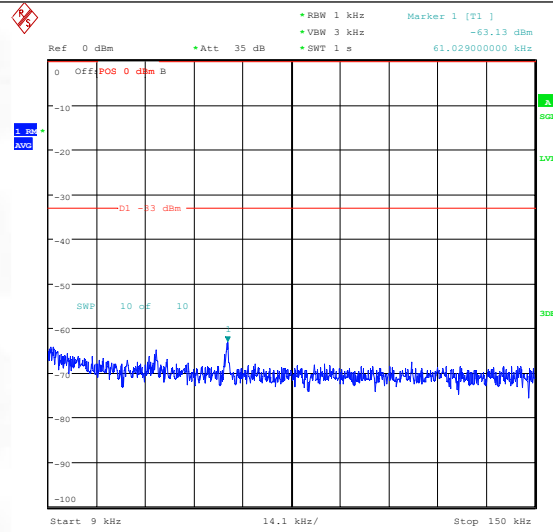
Date: 14.JUN.2025 08:09:05

Band5-4182-2-30~1000MHz-PASS



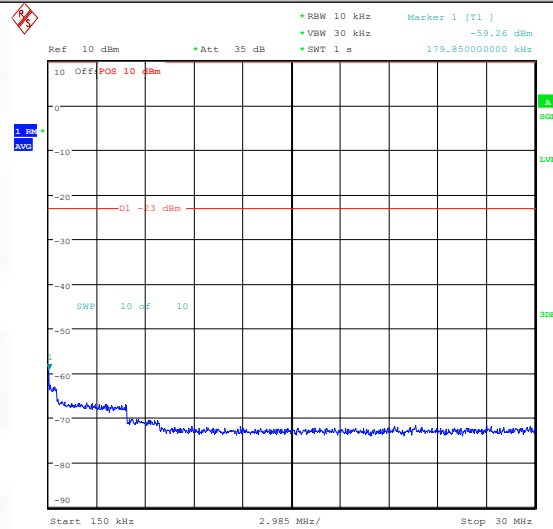
Date: 14.JUN.2025 08:09:21

Band5-4182-2-1000~10000MHz-PASS



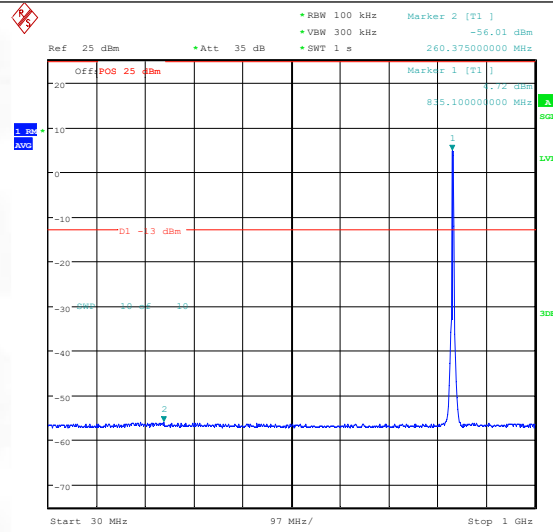
Date: 14.JUN.2025 08:14:13

Band5-4182-3-0.009~0.15MHz-PASS



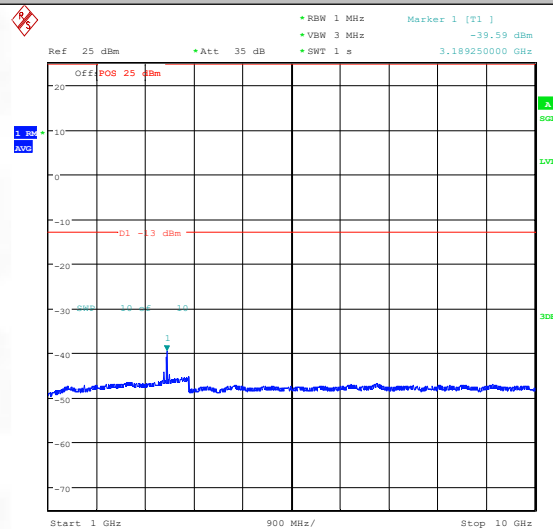
Date: 14.JUN.2025 08:14:29

Band5-4182-3-0.15~30MHz-PASS



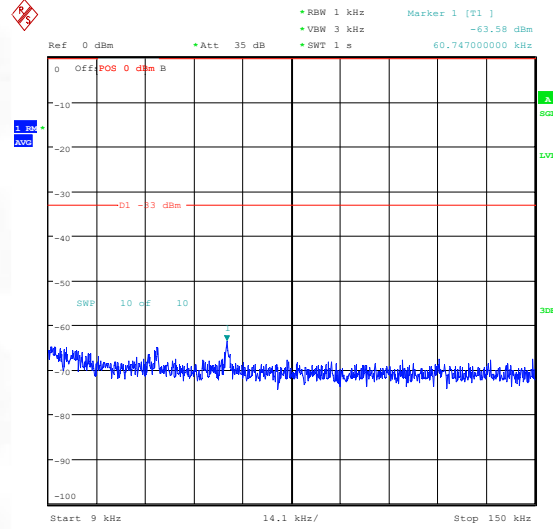
Date: 14.JUN.2025 08:14:46

Band5-4182-3-30~1000MHz-PASS



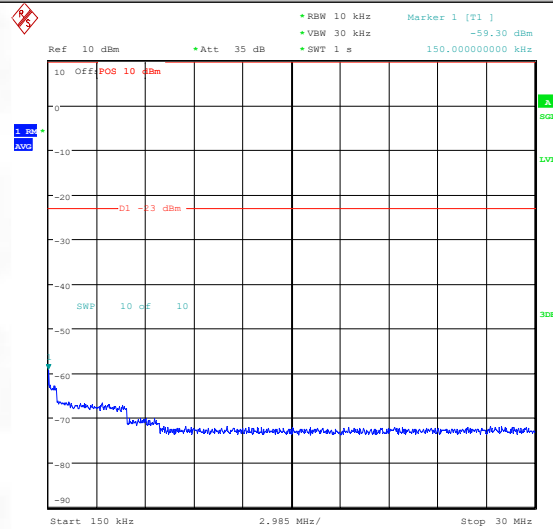
Date: 14.JUN.2025 08:15:02

Band5-4182-3-1000~10000MHz-PASS



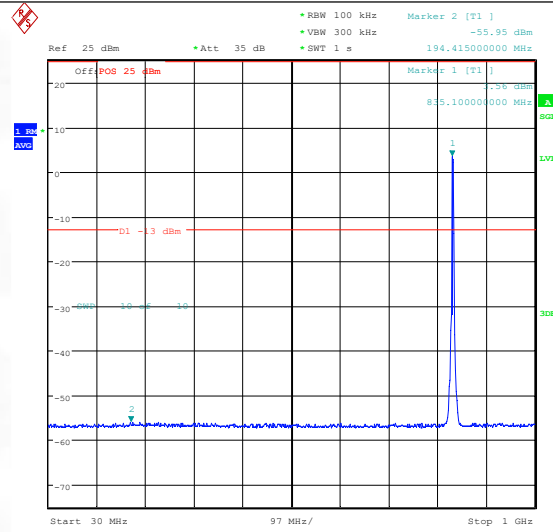
Date: 14.JUN.2025 08:19:53

Band5-4182-4-0.009~0.15MHz-PASS



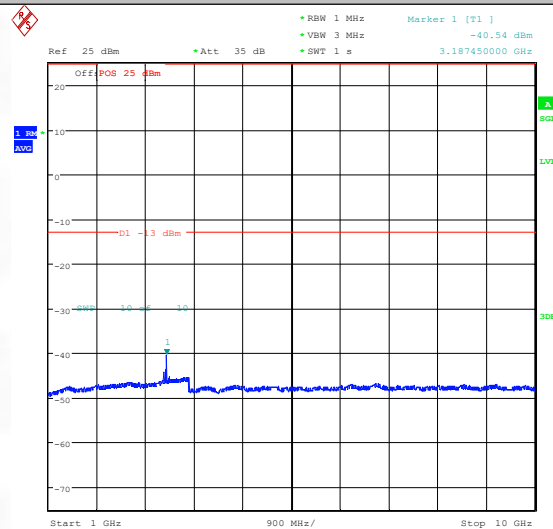
Date: 14.JUN.2025 08:20:09

Band5-4182-4-0.15~30MHz-PASS



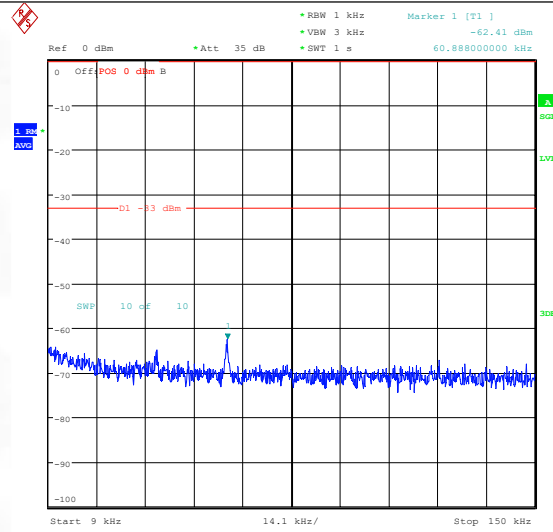
Date: 14.JUN.2025 08:20:26

Band5-4182-4-30~1000MHz-PASS



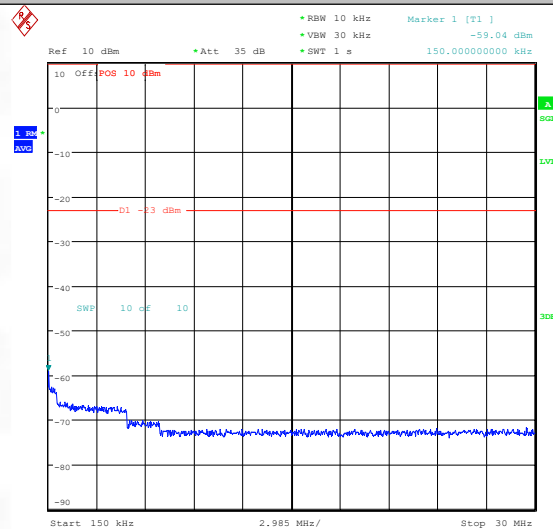
Date: 14.JUN.2025 08:20:42

Band5-4182-4-1000~10000MHz-PASS



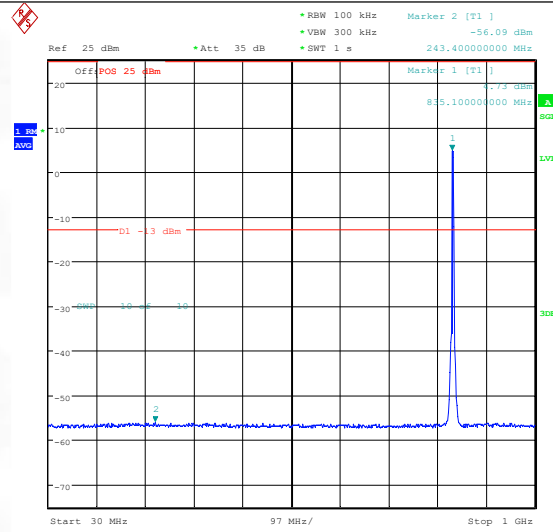
Date: 14.JUN.2025 08:24:52

Band5-4182-5-0.009~0.15MHz-PASS



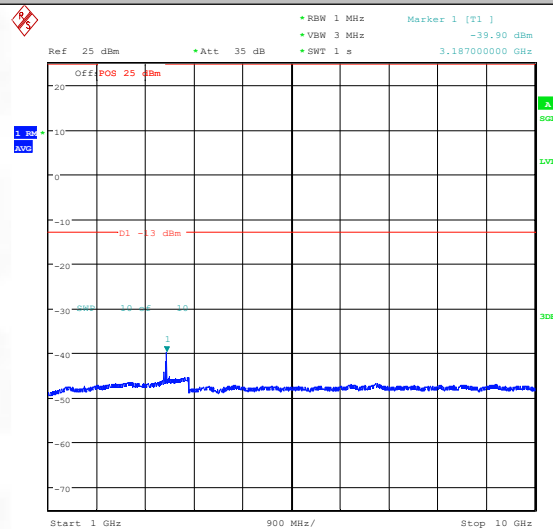
Date: 14.JUN.2025 08:25:08

Band5-4182-5-0.15~30MHz-PASS



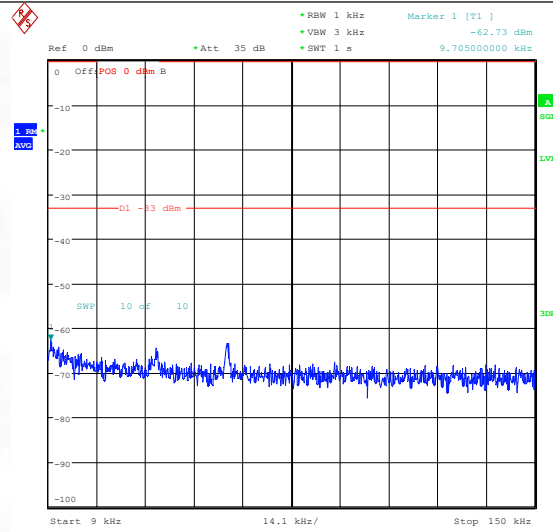
Date: 14.JUN.2025 08:25:25

Band5-4182-5-30~1000MHz-PASS



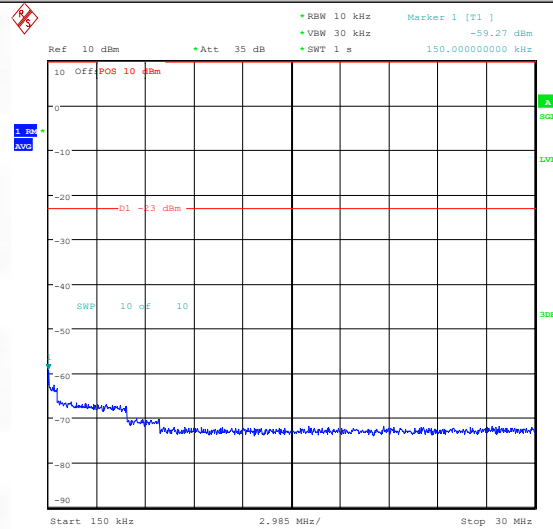
Date: 14.JUN.2025 08:25:41

Band5-4182-5-1000~10000MHz-PASS



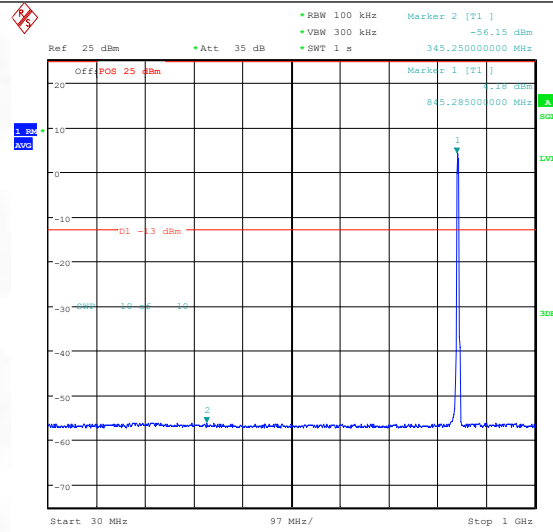
Date: 14.JUN.2025 08:04:57

Band5-4233-1-0.009~0.15MHz-PASS



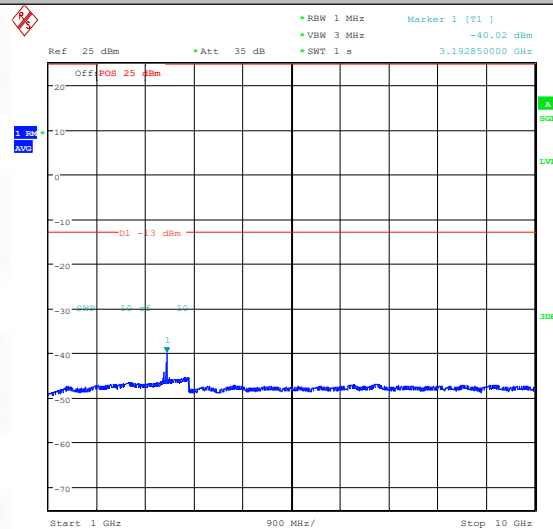
Date: 14.JUN.2025 08:05:13

Band5-4233-1-0.15~30MHz-PASS



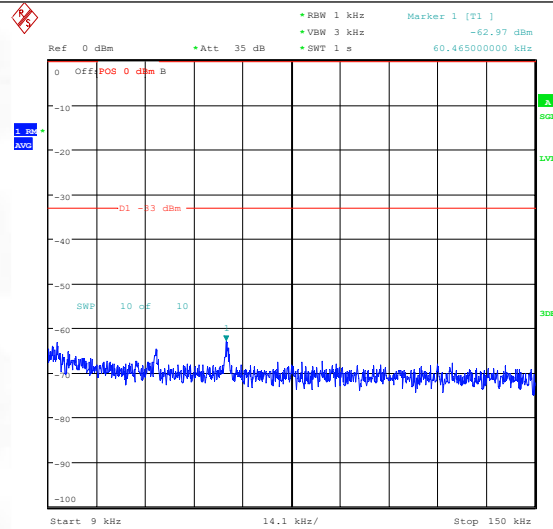
Date: 14.JUN.2025 08:05:30

Band5-4233-1-30~1000MHz-PASS



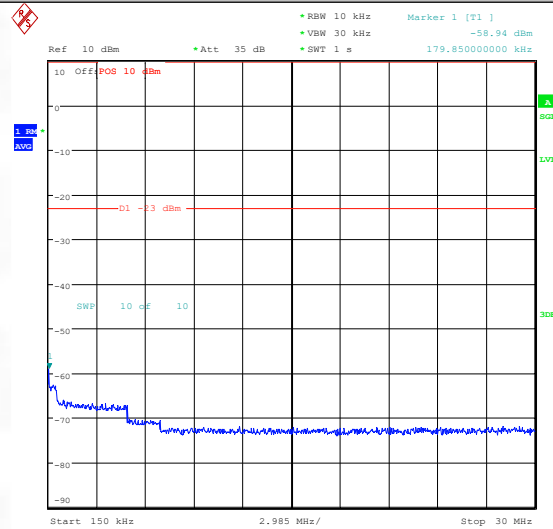
Date: 14.JUN.2025 08:05:46

Band5-4233-1-1000~10000MHz-PASS



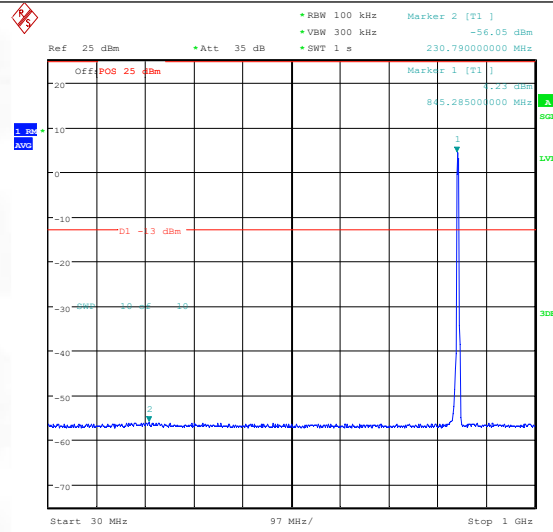
Date: 14.JUN.2025 08:10:26

Band5-4233-2-0.009~0.15MHz-PASS



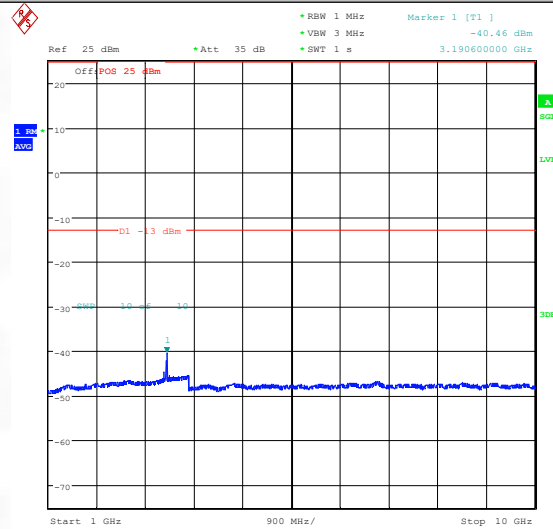
Date: 14.JUN.2025 08:10:43

Band5-4233-2-0.15~30MHz-PASS



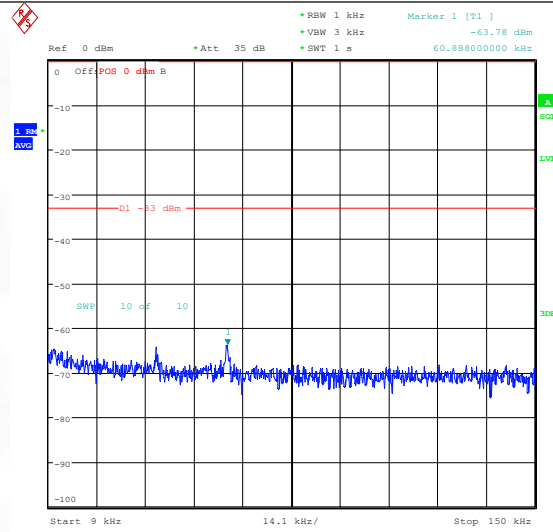
Date: 14.JUN.2025 08:10:59

Band5-4233-2-30~1000MHz-PASS



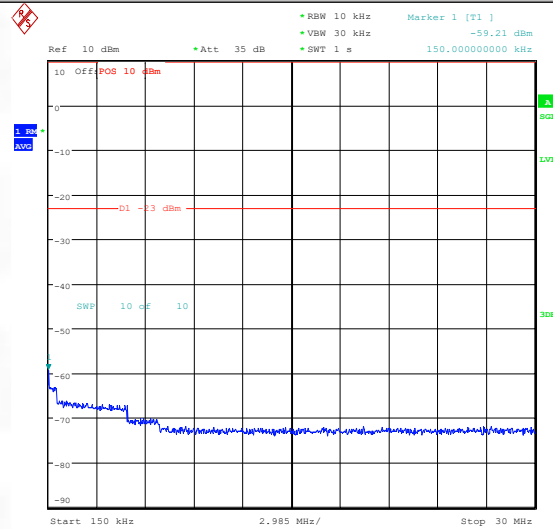
Date: 14.JUN.2025 08:11:15

Band5-4233-2-1000~10000MHz-PASS



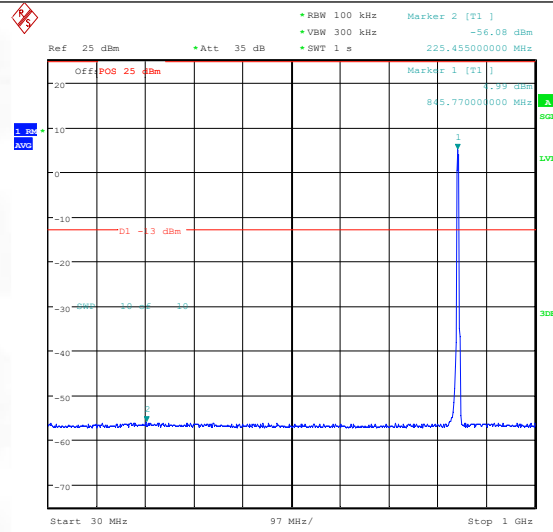
Date: 14.JUN.2025 08:16:08

Band5-4233-3-0.009~0.15MHz-PASS



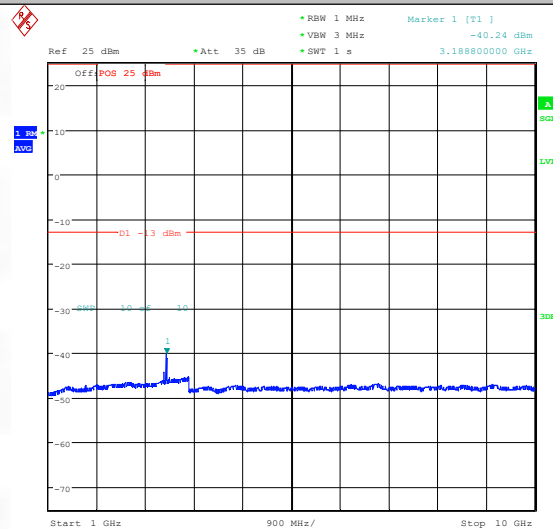
Date: 14.JUN.2025 08:16:25

Band5-4233-3-0.15~30MHz-PASS



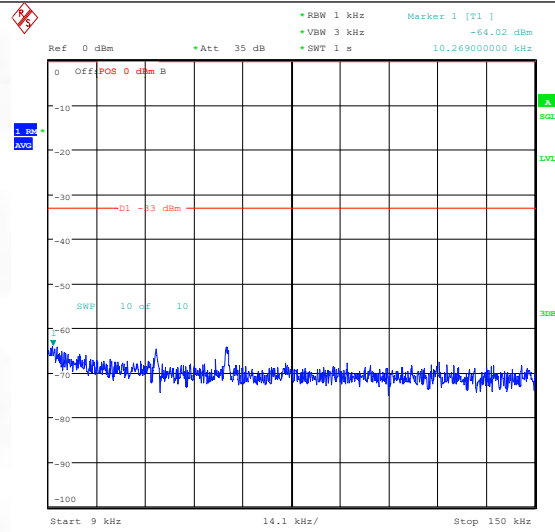
Date: 14.JUN.2025 08:16:42

Band5-4233-3-30~1000MHz-PASS



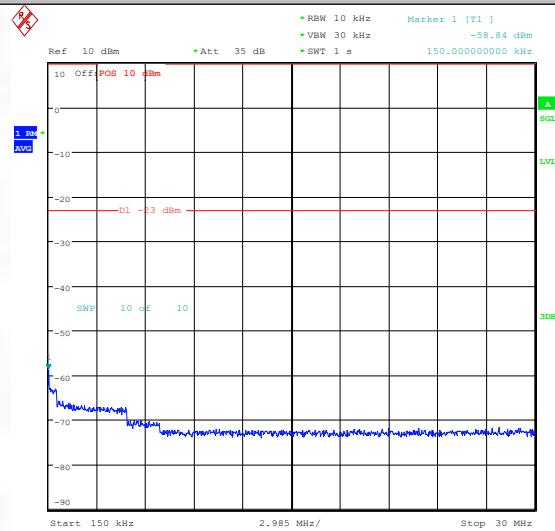
Date: 14.JUN.2025 08:16:58

Band5-4233-3-1000~10000MHz-PASS



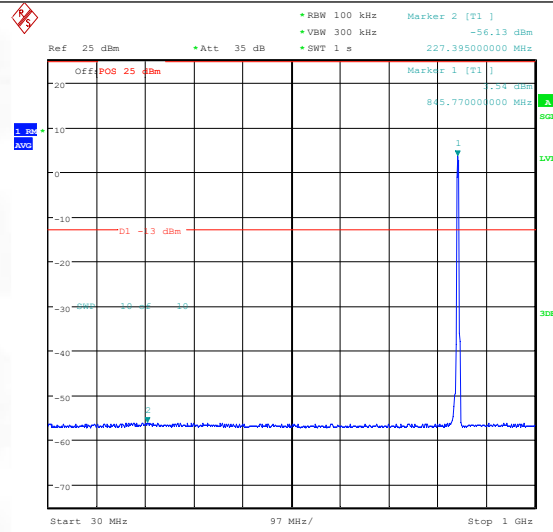
Date: 14.JUN.2025 08:21:53

Band5-4233-4-0.009~0.15MHz-PASS



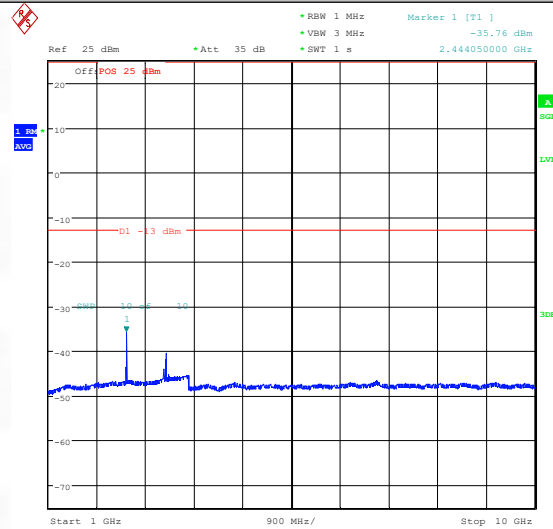
Date: 14.JUN.2025 08:22:09

Band5-4233-4-0.15~30MHz-PASS



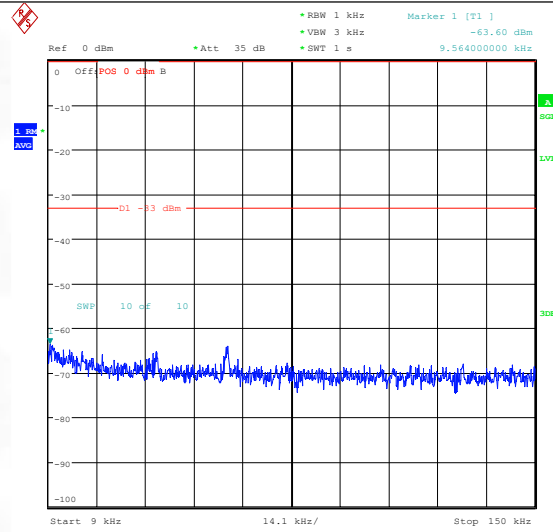
Date: 14.JUN.2025 08:22:26

Band5-4233-4-30~1000MHz-PASS



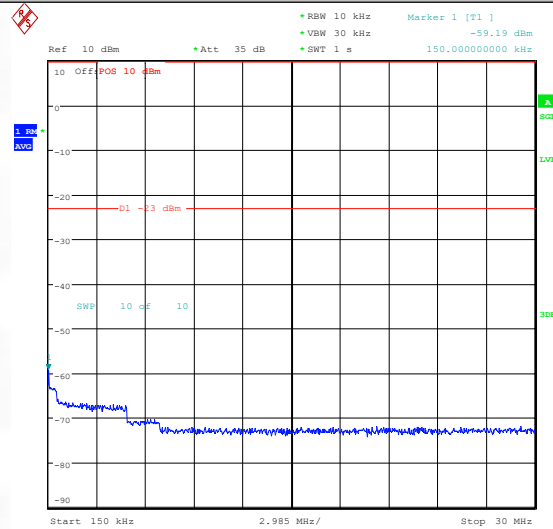
Date: 14.JUN.2025 08:22:42

Band5-4233-4-1000~10000MHz-PASS



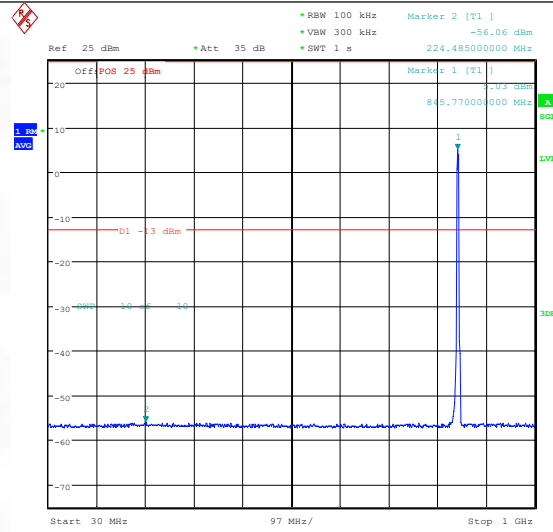
Date: 14.JUN.2025 08:26:11

Band5-4233-5-0.009~0.15MHz-PASS



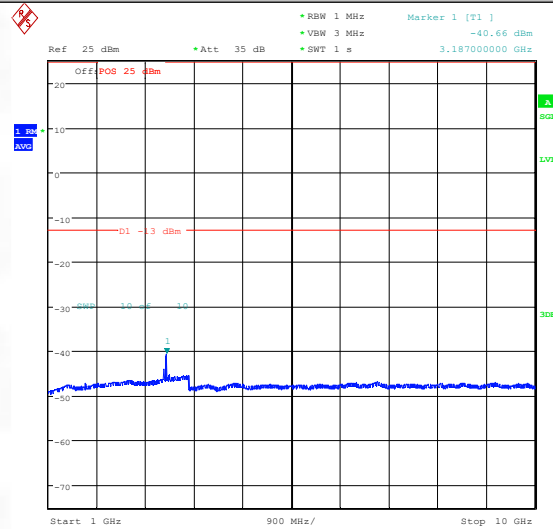
Date: 14.JUN.2025 08:26:27

Band5-4233-5-0.15~30MHz-PASS



Date: 14.JUN.2025 08:26:44

Band5-4233-5-30~1000MHz-PASS



Date: 14.JUN.2025 08:27:00

Band5-4233-5-1000~10000MHz-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	-3.87	-0.004683	±2.5	PASS
Band5	4132	VL	NT	-4.18	-0.005058	±2.5	PASS
Band5	4132	VH	NT	-2.42	-0.002928	±2.5	PASS
Band5	4182	VN	NT	-3.15	-0.003766	±2.5	PASS
Band5	4182	VL	NT	-3.10	-0.003706	±2.5	PASS
Band5	4182	VH	NT	-5.18	-0.006193	±2.5	PASS
Band5	4233	VN	NT	-3.41	-0.004028	±2.5	PASS
Band5	4233	VL	NT	-5.46	-0.006449	±2.5	PASS
Band5	4233	VH	NT	0.18	0.000213	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	NV	-30	-4.49	-0.005433	±2.5	PASS
Band5	4132	NV	-20	-4.21	-0.005094	±2.5	PASS
Band5	4132	NV	-10	-3.64	-0.004405	±2.5	PASS
Band5	4132	NV	0	-4.13	-0.004998	±2.5	PASS
Band5	4132	NV	10	-7.11	-0.008604	±2.5	PASS
Band5	4132	NV	20	-4.03	-0.004877	±2.5	PASS
Band5	4132	NV	30	-2.96	-0.003582	±2.5	PASS
Band5	4132	NV	40	-4.22	-0.005106	±2.5	PASS
Band5	4132	NV	50	-3.87	-0.004683	±2.5	PASS
Band5	4182	NV	-30	-3.25	-0.003886	±2.5	PASS
Band5	4182	NV	-20	-1.45	-0.001734	±2.5	PASS
Band5	4182	NV	-10	-4.68	-0.005595	±2.5	PASS
Band5	4182	NV	0	-1.89	-0.002260	±2.5	PASS
Band5	4182	NV	10	-2.83	-0.003384	±2.5	PASS
Band5	4182	NV	20	0.02	0.000024	±2.5	PASS
Band5	4182	NV	30	-4.07	-0.004866	±2.5	PASS
Band5	4182	NV	40	-1.77	-0.002116	±2.5	PASS
Band5	4182	NV	50	-3.34	-0.003993	±2.5	PASS
Band5	4233	NV	-30	-4.06	-0.004796	±2.5	PASS
Band5	4233	NV	-20	-1.72	-0.002032	±2.5	PASS
Band5	4233	NV	-10	-6.01	-0.007099	±2.5	PASS
Band5	4233	NV	0	-1.82	-0.002150	±2.5	PASS
Band5	4233	NV	10	-1.70	-0.002008	±2.5	PASS
Band5	4233	NV	20	-2.62	-0.003095	±2.5	PASS
Band5	4233	NV	30	-0.91	-0.001075	±2.5	PASS
Band5	4233	NV	40	-4.42	-0.005221	±2.5	PASS
Band5	4233	NV	50	-2.96	-0.003496	±2.5	PASS

Voltage								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	VN	NT	-3.46	-0.004187	±2.5	PASS
Band5	4132	1	VL	NT	-3.09	-0.003739	±2.5	PASS
Band5	4132	1	VH	NT	-3.32	-0.004017	±2.5	PASS

Band5	4132	2	VN	NT	-6.59	-0.007974	±2.5	PASS
Band5	4132	2	VL	NT	-2.57	-0.003110	±2.5	PASS
Band5	4132	2	VH	NT	-4.68	-0.005663	±2.5	PASS
Band5	4132	3	VN	NT	-3.19	-0.003860	±2.5	PASS
Band5	4132	3	VL	NT	-0.57	-0.000690	±2.5	PASS
Band5	4132	3	VH	NT	-2.83	-0.003424	±2.5	PASS
Band5	4132	4	VN	NT	-3.88	-0.004695	±2.5	PASS
Band5	4132	4	VL	NT	-4.19	-0.005070	±2.5	PASS
Band5	4132	4	VH	NT	-3.19	-0.003860	±2.5	PASS
Band5	4182	1	VN	NT	-5.62	-0.006719	±2.5	PASS
Band5	4182	1	VL	NT	-2.77	-0.003312	±2.5	PASS
Band5	4182	1	VH	NT	-1.90	-0.002272	±2.5	PASS
Band5	4182	2	VN	NT	-3.95	-0.004723	±2.5	PASS
Band5	4182	2	VL	NT	-1.22	-0.001459	±2.5	PASS
Band5	4182	2	VH	NT	-4.71	-0.005631	±2.5	PASS
Band5	4182	3	VN	NT	-3.73	-0.004460	±2.5	PASS
Band5	4182	3	VL	NT	-2.47	-0.002953	±2.5	PASS
Band5	4182	3	VH	NT	-3.82	-0.004567	±2.5	PASS
Band5	4182	4	VN	NT	-6.64	-0.007939	±2.5	PASS
Band5	4182	4	VL	NT	-0.59	-0.000705	±2.5	PASS
Band5	4182	4	VH	NT	-3.09	-0.003694	±2.5	PASS
Band5	4233	1	VN	NT	-6.32	-0.007465	±2.5	PASS
Band5	4233	1	VL	NT	-4.62	-0.005457	±2.5	PASS
Band5	4233	1	VH	NT	-4.81	-0.005682	±2.5	PASS
Band5	4233	2	VN	NT	-4.26	-0.005032	±2.5	PASS
Band5	4233	2	VL	NT	0.04	0.000047	±2.5	PASS
Band5	4233	2	VH	NT	-1.57	-0.001854	±2.5	PASS
Band5	4233	3	VN	NT	-3.73	-0.004406	±2.5	PASS
Band5	4233	3	VL	NT	-2.01	-0.002374	±2.5	PASS
Band5	4233	3	VH	NT	-3.21	-0.003792	±2.5	PASS
Band5	4233	4	VN	NT	-5.73	-0.006768	±2.5	PASS
Band5	4233	4	VL	NT	-3.73	-0.004406	±2.5	PASS
Band5	4233	4	VH	NT	-2.37	-0.002799	±2.5	PASS

Temperature								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	NV	-30	-5.52	-0.006680	±2.5	PASS
Band5	4132	1	NV	-20	-5.09	-0.006159	±2.5	PASS
Band5	4132	1	NV	-10	-2.38	-0.002880	±2.5	PASS
Band5	4132	1	NV	0	-1.41	-0.001706	±2.5	PASS
Band5	4132	1	NV	10	-2.43	-0.002940	±2.5	PASS
Band5	4132	1	NV	20	-3.16	-0.003824	±2.5	PASS
Band5	4132	1	NV	30	-2.40	-0.002904	±2.5	PASS
Band5	4132	1	NV	40	-4.71	-0.005699	±2.5	PASS
Band5	4132	1	NV	50	-1.96	-0.002372	±2.5	PASS
Band5	4132	2	NV	-30	-2.44	-0.002953	±2.5	PASS
Band5	4132	2	NV	-20	-4.02	-0.004864	±2.5	PASS
Band5	4132	2	NV	-10	-6.17	-0.007466	±2.5	PASS
Band5	4132	2	NV	0	-3.07	-0.003715	±2.5	PASS
Band5	4132	2	NV	10	-5.04	-0.006099	±2.5	PASS
Band5	4132	2	NV	20	-1.54	-0.001864	±2.5	PASS
Band5	4132	2	NV	30	-6.62	-0.008011	±2.5	PASS
Band5	4132	2	NV	40	-6.39	-0.007732	±2.5	PASS
Band5	4132	2	NV	50	-3.67	-0.004441	±2.5	PASS

Band5	4132	3	NV	-30	-5.01	-0.006062	±2.5	PASS
Band5	4132	3	NV	-20	-3.43	-0.004151	±2.5	PASS
Band5	4132	3	NV	-10	-6.29	-0.007611	±2.5	PASS
Band5	4132	3	NV	0	-1.19	-0.001440	±2.5	PASS
Band5	4132	3	NV	10	-6.59	-0.007974	±2.5	PASS
Band5	4132	3	NV	20	-7.03	-0.008507	±2.5	PASS
Band5	4132	3	NV	30	-5.51	-0.006667	±2.5	PASS
Band5	4132	3	NV	40	-3.68	-0.004453	±2.5	PASS
Band5	4132	3	NV	50	-3.88	-0.004695	±2.5	PASS
Band5	4132	4	NV	-30	-5.09	-0.006159	±2.5	PASS
Band5	4132	4	NV	-20	-4.36	-0.005276	±2.5	PASS
Band5	4132	4	NV	-10	-5.01	-0.006062	±2.5	PASS
Band5	4132	4	NV	0	-3.13	-0.003788	±2.5	PASS
Band5	4132	4	NV	10	-4.21	-0.005094	±2.5	PASS
Band5	4132	4	NV	20	-5.28	-0.006389	±2.5	PASS
Band5	4132	4	NV	30	-5.11	-0.006183	±2.5	PASS
Band5	4132	4	NV	40	-4.54	-0.005494	±2.5	PASS
Band5	4132	4	NV	50	-2.81	-0.003400	±2.5	PASS
Band5	4182	1	NV	-30	-4.33	-0.005177	±2.5	PASS
Band5	4182	1	NV	-20	-2.65	-0.003168	±2.5	PASS
Band5	4182	1	NV	-10	-0.78	-0.000933	±2.5	PASS
Band5	4182	1	NV	0	-2.53	-0.003025	±2.5	PASS
Band5	4182	1	NV	10	-5.48	-0.006552	±2.5	PASS
Band5	4182	1	NV	20	-3.05	-0.003647	±2.5	PASS
Band5	4182	1	NV	30	-4.45	-0.005320	±2.5	PASS
Band5	4182	1	NV	40	-4.60	-0.005500	±2.5	PASS
Band5	4182	1	NV	50	-2.35	-0.002810	±2.5	PASS
Band5	4182	2	NV	-30	-1.66	-0.001985	±2.5	PASS
Band5	4182	2	NV	-20	-4.50	-0.005380	±2.5	PASS
Band5	4182	2	NV	-10	-2.85	-0.003407	±2.5	PASS
Band5	4182	2	NV	0	-1.07	-0.001279	±2.5	PASS
Band5	4182	2	NV	10	-2.75	-0.003288	±2.5	PASS
Band5	4182	2	NV	20	-5.49	-0.006564	±2.5	PASS
Band5	4182	2	NV	30	-1.51	-0.001805	±2.5	PASS
Band5	4182	2	NV	40	-2.00	-0.002391	±2.5	PASS
Band5	4182	2	NV	50	-4.68	-0.005595	±2.5	PASS
Band5	4182	3	NV	-30	-2.88	-0.003443	±2.5	PASS
Band5	4182	3	NV	-20	-3.33	-0.003981	±2.5	PASS
Band5	4182	3	NV	-10	-3.74	-0.004472	±2.5	PASS
Band5	4182	3	NV	0	-0.69	-0.000825	±2.5	PASS
Band5	4182	3	NV	10	-2.20	-0.002630	±2.5	PASS
Band5	4182	3	NV	20	-1.56	-0.001865	±2.5	PASS
Band5	4182	3	NV	30	-2.83	-0.003384	±2.5	PASS
Band5	4182	3	NV	40	-2.23	-0.002666	±2.5	PASS
Band5	4182	3	NV	50	-5.54	-0.006624	±2.5	PASS
Band5	4182	4	NV	-30	-2.71	-0.003240	±2.5	PASS
Band5	4182	4	NV	-20	-3.93	-0.004699	±2.5	PASS
Band5	4182	4	NV	-10	-4.93	-0.005894	±2.5	PASS
Band5	4182	4	NV	0	-2.02	-0.002415	±2.5	PASS
Band5	4182	4	NV	10	-1.62	-0.001937	±2.5	PASS
Band5	4182	4	NV	20	-2.89	-0.003455	±2.5	PASS
Band5	4182	4	NV	30	-1.75	-0.002092	±2.5	PASS
Band5	4182	4	NV	40	-0.30	-0.000359	±2.5	PASS
Band5	4182	4	NV	50	-2.57	-0.003073	±2.5	PASS
Band5	4233	1	NV	-30	-1.96	-0.002315	±2.5	PASS
Band5	4233	1	NV	-20	-0.28	-0.000331	±2.5	PASS
Band5	4233	1	NV	-10	-1.62	-0.001914	±2.5	PASS

Band5	4233	1	NV	0	-3.13	-0.003697	±2.5	PASS
Band5	4233	1	NV	10	-3.53	-0.004170	±2.5	PASS
Band5	4233	1	NV	20	-4.24	-0.005008	±2.5	PASS
Band5	4233	1	NV	30	-2.90	-0.003425	±2.5	PASS
Band5	4233	1	NV	40	-1.03	-0.001217	±2.5	PASS
Band5	4233	1	NV	50	-3.35	-0.003957	±2.5	PASS
Band5	4233	2	NV	-30	-3.75	-0.004429	±2.5	PASS
Band5	4233	2	NV	-20	0.19	0.000224	±2.5	PASS
Band5	4233	2	NV	-10	-3.48	-0.004111	±2.5	PASS
Band5	4233	2	NV	0	-3.05	-0.003603	±2.5	PASS
Band5	4233	2	NV	10	-3.39	-0.004004	±2.5	PASS
Band5	4233	2	NV	20	-0.84	-0.000992	±2.5	PASS
Band5	4233	2	NV	30	-3.89	-0.004595	±2.5	PASS
Band5	4233	2	NV	40	-2.81	-0.003319	±2.5	PASS
Band5	4233	2	NV	50	-2.84	-0.003355	±2.5	PASS
Band5	4233	3	NV	-30	-2.35	-0.002776	±2.5	PASS
Band5	4233	3	NV	-20	-2.74	-0.003236	±2.5	PASS
Band5	4233	3	NV	-10	-5.06	-0.005977	±2.5	PASS
Band5	4233	3	NV	0	-3.94	-0.004654	±2.5	PASS
Band5	4233	3	NV	10	-2.51	-0.002965	±2.5	PASS
Band5	4233	3	NV	20	-2.58	-0.003047	±2.5	PASS
Band5	4233	3	NV	30	-2.79	-0.003296	±2.5	PASS
Band5	4233	3	NV	40	-0.17	-0.000201	±2.5	PASS
Band5	4233	3	NV	50	-1.85	-0.002185	±2.5	PASS
Band5	4233	4	NV	-30	0.03	0.000035	±2.5	PASS
Band5	4233	4	NV	-20	-4.85	-0.005729	±2.5	PASS
Band5	4233	4	NV	-10	-4.56	-0.005386	±2.5	PASS
Band5	4233	4	NV	0	-1.84	-0.002173	±2.5	PASS
Band5	4233	4	NV	10	-3.03	-0.003579	±2.5	PASS
Band5	4233	4	NV	20	-2.50	-0.002953	±2.5	PASS
Band5	4233	4	NV	30	-3.59	-0.004240	±2.5	PASS
Band5	4233	4	NV	40	-1.85	-0.002185	±2.5	PASS
Band5	4233	4	NV	50	-2.32	-0.002740	±2.5	PASS

Voltage								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	VN	NT	-4.97	-0.006014	±2.5	PASS
Band5	4132	1	VL	NT	-3.41	-0.004126	±2.5	PASS
Band5	4132	1	VH	NT	-3.07	-0.003715	±2.5	PASS
Band5	4132	2	VN	NT	-2.42	-0.002928	±2.5	PASS
Band5	4132	2	VL	NT	-6.88	-0.008325	±2.5	PASS
Band5	4132	2	VH	NT	-5.58	-0.006752	±2.5	PASS
Band5	4132	3	VN	NT	-4.63	-0.005603	±2.5	PASS
Band5	4132	3	VL	NT	-2.01	-0.002432	±2.5	PASS
Band5	4132	3	VH	NT	-3.63	-0.004393	±2.5	PASS
Band5	4132	4	VN	NT	-6.60	-0.007986	±2.5	PASS
Band5	4132	4	VL	NT	-6.38	-0.007720	±2.5	PASS
Band5	4132	4	VH	NT	-1.97	-0.002384	±2.5	PASS
Band5	4132	5	VN	NT	-4.27	-0.005167	±2.5	PASS
Band5	4132	5	VL	NT	-4.48	-0.005421	±2.5	PASS
Band5	4132	5	VH	NT	-3.05	-0.003691	±2.5	PASS
Band5	4182	1	VN	NT	-3.47	-0.004149	±2.5	PASS
Band5	4182	1	VL	NT	-0.98	-0.001172	±2.5	PASS
Band5	4182	1	VH	NT	-1.86	-0.002224	±2.5	PASS

Band5	4182	2	VN	NT	-3.15	-0.003766	±2.5	PASS
Band5	4182	2	VL	NT	-3.92	-0.004687	±2.5	PASS
Band5	4182	2	VH	NT	-2.41	-0.002881	±2.5	PASS
Band5	4182	3	VN	NT	-3.72	-0.004448	±2.5	PASS
Band5	4182	3	VL	NT	-1.12	-0.001339	±2.5	PASS
Band5	4182	3	VH	NT	-4.49	-0.005368	±2.5	PASS
Band5	4182	4	VN	NT	-3.69	-0.004412	±2.5	PASS
Band5	4182	4	VL	NT	-1.47	-0.001758	±2.5	PASS
Band5	4182	4	VH	NT	-3.00	-0.003587	±2.5	PASS
Band5	4182	5	VN	NT	-2.30	-0.002750	±2.5	PASS
Band5	4182	5	VL	NT	-5.21	-0.006229	±2.5	PASS
Band5	4182	5	VH	NT	-4.04	-0.004830	±2.5	PASS
Band5	4233	1	VN	NT	-5.89	-0.006957	±2.5	PASS
Band5	4233	1	VL	NT	-6.09	-0.007193	±2.5	PASS
Band5	4233	1	VH	NT	-2.59	-0.003059	±2.5	PASS
Band5	4233	2	VN	NT	-5.06	-0.005977	±2.5	PASS
Band5	4233	2	VL	NT	-4.61	-0.005445	±2.5	PASS
Band5	4233	2	VH	NT	-4.51	-0.005327	±2.5	PASS
Band5	4233	3	VN	NT	-5.81	-0.006863	±2.5	PASS
Band5	4233	3	VL	NT	-3.67	-0.004335	±2.5	PASS
Band5	4233	3	VH	NT	-4.93	-0.005823	±2.5	PASS
Band5	4233	4	VN	NT	-2.94	-0.003473	±2.5	PASS
Band5	4233	4	VL	NT	-5.97	-0.007052	±2.5	PASS
Band5	4233	4	VH	NT	-3.32	-0.003922	±2.5	PASS
Band5	4233	5	VN	NT	-6.34	-0.007489	±2.5	PASS
Band5	4233	5	VL	NT	-3.09	-0.003650	±2.5	PASS
Band5	4233	5	VH	NT	-3.01	-0.003555	±2.5	PASS

Temperature								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	NV	-30	-5.03	-0.006087	±2.5	PASS
Band5	4132	1	NV	-20	-6.35	-0.007684	±2.5	PASS
Band5	4132	1	NV	-10	-1.34	-0.001621	±2.5	PASS
Band5	4132	1	NV	0	-1.77	-0.002142	±2.5	PASS
Band5	4132	1	NV	10	-3.81	-0.004610	±2.5	PASS
Band5	4132	1	NV	20	-2.85	-0.003449	±2.5	PASS
Band5	4132	1	NV	30	-0.81	-0.000980	±2.5	PASS
Band5	4132	1	NV	40	-3.39	-0.004102	±2.5	PASS
Band5	4132	1	NV	50	-5.16	-0.006244	±2.5	PASS
Band5	4132	2	NV	-30	-7.38	-0.008930	±2.5	PASS
Band5	4132	2	NV	-20	-2.56	-0.003098	±2.5	PASS
Band5	4132	2	NV	-10	-3.19	-0.003860	±2.5	PASS
Band5	4132	2	NV	0	-4.41	-0.005336	±2.5	PASS
Band5	4132	2	NV	10	-6.11	-0.007394	±2.5	PASS
Band5	4132	2	NV	20	-6.37	-0.007708	±2.5	PASS
Band5	4132	2	NV	30	-3.91	-0.004731	±2.5	PASS
Band5	4132	2	NV	40	-3.78	-0.004574	±2.5	PASS
Band5	4132	2	NV	50	-1.55	-0.001876	±2.5	PASS
Band5	4132	3	NV	-30	-1.84	-0.002227	±2.5	PASS
Band5	4132	3	NV	-20	-4.41	-0.005336	±2.5	PASS
Band5	4132	3	NV	-10	-2.70	-0.003267	±2.5	PASS
Band5	4132	3	NV	0	-4.43	-0.005361	±2.5	PASS
Band5	4132	3	NV	10	-2.35	-0.002844	±2.5	PASS
Band5	4132	3	NV	20	-3.34	-0.004042	±2.5	PASS

Band5	4132	3	NV	30	-3.79	-0.004586	±2.5	PASS
Band5	4132	3	NV	40	-3.48	-0.004211	±2.5	PASS
Band5	4132	3	NV	50	-4.75	-0.005748	±2.5	PASS
Band5	4132	4	NV	-30	-3.29	-0.003981	±2.5	PASS
Band5	4132	4	NV	-20	-4.45	-0.005385	±2.5	PASS
Band5	4132	4	NV	-10	-5.92	-0.007164	±2.5	PASS
Band5	4132	4	NV	0	-6.31	-0.007636	±2.5	PASS
Band5	4132	4	NV	10	-3.04	-0.003679	±2.5	PASS
Band5	4132	4	NV	20	-6.15	-0.007442	±2.5	PASS
Band5	4132	4	NV	30	-5.29	-0.006401	±2.5	PASS
Band5	4132	4	NV	40	-4.81	-0.005820	±2.5	PASS
Band5	4132	4	NV	50	-4.19	-0.005070	±2.5	PASS
Band5	4132	5	NV	-30	-5.69	-0.006885	±2.5	PASS
Band5	4132	5	NV	-20	-3.48	-0.004211	±2.5	PASS
Band5	4132	5	NV	-10	-5.41	-0.006546	±2.5	PASS
Band5	4132	5	NV	0	-3.79	-0.004586	±2.5	PASS
Band5	4132	5	NV	10	-2.85	-0.003449	±2.5	PASS
Band5	4132	5	NV	20	-5.99	-0.007248	±2.5	PASS
Band5	4132	5	NV	30	-4.31	-0.005215	±2.5	PASS
Band5	4132	5	NV	40	-6.22	-0.007527	±2.5	PASS
Band5	4132	5	NV	50	-1.78	-0.002154	±2.5	PASS
Band5	4182	1	NV	-30	-1.24	-0.001483	±2.5	PASS
Band5	4182	1	NV	-20	0.16	0.000191	±2.5	PASS
Band5	4182	1	NV	-10	0.13	0.000155	±2.5	PASS
Band5	4182	1	NV	0	-3.99	-0.004770	±2.5	PASS
Band5	4182	1	NV	10	-3.20	-0.003826	±2.5	PASS
Band5	4182	1	NV	20	-2.10	-0.002511	±2.5	PASS
Band5	4182	1	NV	30	-3.47	-0.004149	±2.5	PASS
Band5	4182	1	NV	40	-3.16	-0.003778	±2.5	PASS
Band5	4182	1	NV	50	-0.22	-0.000263	±2.5	PASS
Band5	4182	2	NV	-30	-2.40	-0.002869	±2.5	PASS
Band5	4182	2	NV	-20	-5.69	-0.006803	±2.5	PASS
Band5	4182	2	NV	-10	-2.78	-0.003324	±2.5	PASS
Band5	4182	2	NV	0	-2.95	-0.003527	±2.5	PASS
Band5	4182	2	NV	10	-3.46	-0.004137	±2.5	PASS
Band5	4182	2	NV	20	-3.62	-0.004328	±2.5	PASS
Band5	4182	2	NV	30	-2.31	-0.002762	±2.5	PASS
Band5	4182	2	NV	40	-0.45	-0.000538	±2.5	PASS
Band5	4182	2	NV	50	-1.54	-0.001841	±2.5	PASS
Band5	4182	3	NV	-30	-0.62	-0.000741	±2.5	PASS
Band5	4182	3	NV	-20	-2.46	-0.002941	±2.5	PASS
Band5	4182	3	NV	-10	-5.01	-0.005990	±2.5	PASS
Band5	4182	3	NV	0	-1.97	-0.002355	±2.5	PASS
Band5	4182	3	NV	10	-4.11	-0.004914	±2.5	PASS
Band5	4182	3	NV	20	-3.81	-0.004555	±2.5	PASS
Band5	4182	3	NV	30	-2.88	-0.003443	±2.5	PASS
Band5	4182	3	NV	40	-2.25	-0.002690	±2.5	PASS
Band5	4182	3	NV	50	-3.02	-0.003611	±2.5	PASS
Band5	4182	4	NV	-30	-0.84	-0.001004	±2.5	PASS
Band5	4182	4	NV	-20	-0.54	-0.000646	±2.5	PASS
Band5	4182	4	NV	-10	-1.32	-0.001578	±2.5	PASS
Band5	4182	4	NV	0	-0.98	-0.001172	±2.5	PASS
Band5	4182	4	NV	10	-0.79	-0.000945	±2.5	PASS
Band5	4182	4	NV	20	-2.38	-0.002846	±2.5	PASS
Band5	4182	4	NV	30	-2.98	-0.003563	±2.5	PASS
Band5	4182	4	NV	40	-3.23	-0.003862	±2.5	PASS
Band5	4182	4	NV	50	-2.14	-0.002559	±2.5	PASS

Band5	4182	5	NV	-30	0.24	0.000287	±2.5	PASS
Band5	4182	5	NV	-20	-4.26	-0.005093	±2.5	PASS
Band5	4182	5	NV	-10	-2.69	-0.003216	±2.5	PASS
Band5	4182	5	NV	0	-0.74	-0.000885	±2.5	PASS
Band5	4182	5	NV	10	-5.25	-0.006277	±2.5	PASS
Band5	4182	5	NV	20	-4.19	-0.005010	±2.5	PASS
Band5	4182	5	NV	30	-2.58	-0.003085	±2.5	PASS
Band5	4182	5	NV	40	-1.42	-0.001698	±2.5	PASS
Band5	4182	5	NV	50	-0.57	-0.000681	±2.5	PASS
Band5	4233	1	NV	-30	-5.11	-0.006036	±2.5	PASS
Band5	4233	1	NV	-20	-0.79	-0.000933	±2.5	PASS
Band5	4233	1	NV	-10	-5.36	-0.006331	±2.5	PASS
Band5	4233	1	NV	0	-8.45	-0.009981	±2.5	PASS
Band5	4233	1	NV	10	-8.73	-0.010312	±2.5	PASS
Band5	4233	1	NV	20	-4.80	-0.005670	±2.5	PASS
Band5	4233	1	NV	30	-5.26	-0.006213	±2.5	PASS
Band5	4233	1	NV	40	-6.29	-0.007430	±2.5	PASS
Band5	4233	1	NV	50	0.47	0.000555	±2.5	PASS
Band5	4233	2	NV	-30	-2.01	-0.002374	±2.5	PASS
Band5	4233	2	NV	-20	-2.32	-0.002740	±2.5	PASS
Band5	4233	2	NV	-10	-1.66	-0.001961	±2.5	PASS
Band5	4233	2	NV	0	-2.88	-0.003402	±2.5	PASS
Band5	4233	2	NV	10	-2.04	-0.002410	±2.5	PASS
Band5	4233	2	NV	20	-6.27	-0.007406	±2.5	PASS
Band5	4233	2	NV	30	-3.71	-0.004382	±2.5	PASS
Band5	4233	2	NV	40	-4.20	-0.004961	±2.5	PASS
Band5	4233	2	NV	50	-3.78	-0.004465	±2.5	PASS
Band5	4233	3	NV	-30	-1.02	-0.001205	±2.5	PASS
Band5	4233	3	NV	-20	-3.96	-0.004678	±2.5	PASS
Band5	4233	3	NV	-10	-2.46	-0.002906	±2.5	PASS
Band5	4233	3	NV	0	-5.39	-0.006367	±2.5	PASS
Band5	4233	3	NV	10	-4.79	-0.005658	±2.5	PASS
Band5	4233	3	NV	20	-3.28	-0.003874	±2.5	PASS
Band5	4233	3	NV	30	-2.00	-0.002362	±2.5	PASS
Band5	4233	3	NV	40	-2.21	-0.002610	±2.5	PASS
Band5	4233	3	NV	50	-0.62	-0.000732	±2.5	PASS
Band5	4233	4	NV	-30	-4.53	-0.005351	±2.5	PASS
Band5	4233	4	NV	-20	0.37	0.000437	±2.5	PASS
Band5	4233	4	NV	-10	-3.43	-0.004052	±2.5	PASS
Band5	4233	4	NV	0	-0.21	-0.000248	±2.5	PASS
Band5	4233	4	NV	10	-0.79	-0.000933	±2.5	PASS
Band5	4233	4	NV	20	-3.16	-0.003733	±2.5	PASS
Band5	4233	4	NV	30	-4.67	-0.005516	±2.5	PASS
Band5	4233	4	NV	40	-2.95	-0.003485	±2.5	PASS
Band5	4233	4	NV	50	-3.10	-0.003662	±2.5	PASS
Band5	4233	5	NV	-30	-4.66	-0.005504	±2.5	PASS
Band5	4233	5	NV	-20	-4.25	-0.005020	±2.5	PASS
Band5	4233	5	NV	-10	-2.11	-0.002492	±2.5	PASS
Band5	4233	5	NV	0	-3.02	-0.003567	±2.5	PASS
Band5	4233	5	NV	10	-4.43	-0.005233	±2.5	PASS
Band5	4233	5	NV	20	-3.50	-0.004134	±2.5	PASS
Band5	4233	5	NV	30	-4.96	-0.005859	±2.5	PASS
Band5	4233	5	NV	40	-0.43	-0.000508	±2.5	PASS
Band5	4233	5	NV	50	-0.21	-0.000248	±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

