

AppendixA: Effective Radiated Power Output Data

Test Result

Band	Channel	conducted power(dBm)	Max AntGain (dBi)	ERP (dBm)	Limit(dBm)	Verdict
Band5	4132	21.10	-2.5	18.60	38.45	PASS
Band5	4182	21.72	-2.5	19.22	38.45	PASS
Band5	4233	21.89	-2.5	19.39	38.45	PASS

Band	Channel	SubTest	conducted power(dBm)	Max AntGain (dBi)	ERP (dBm)	Limit(dBm)	Verdict
Band5	4132	1	21.19	-2.5	18.69	38.45	PASS
Band5	4132	2	21.15	-2.5	18.65	38.45	PASS
Band5	4132	3	19.88	-2.5	17.38	38.45	PASS
Band5	4132	4	20.82	-2.5	18.32	38.45	PASS
Band5	4182	1	21.08	-2.5	18.58	38.45	PASS
Band5	4182	2	20.59	-2.5	18.09	38.45	PASS
Band5	4182	3	20.85	-2.5	18.35	38.45	PASS
Band5	4182	4	20.56	-2.5	18.06	38.45	PASS
Band5	4233	1	21.22	-2.5	18.72	38.45	PASS
Band5	4233	2	20.48	-2.5	17.98	38.45	PASS
Band5	4233	3	20.96	-2.5	18.46	38.45	PASS
Band5	4233	4	20.29	-2.5	17.79	38.45	PASS

Band	Channel	SubTest	conducted power(dBm)	Max AntGain (dBi)	ERP (dBm)	Limit(dBm)	Verdict
Band5	4132	1	12.34	-2.5	9.84	38.45	PASS
Band5	4132	2	12.13	-2.5	9.63	38.45	PASS
Band5	4132	3	12.96	-2.5	10.46	38.45	PASS
Band5	4132	4	11.61	-2.5	9.11	38.45	PASS
Band5	4132	5	13.08	-2.5	10.58	38.45	PASS
Band5	4182	1	13.64	-2.5	11.14	38.45	PASS
Band5	4182	2	13.12	-2.5	10.62	38.45	PASS
Band5	4182	3	13.88	-2.5	11.38	38.45	PASS
Band5	4182	4	12.63	-2.5	10.13	38.45	PASS
Band5	4182	5	14.01	-2.5	11.51	38.45	PASS
Band5	4233	1	19.20	-2.5	16.70	38.45	PASS
Band5	4233	2	13.67	-2.5	11.17	38.45	PASS

Band5	4233	3	14.49	-2.5	11.99	38.45	PASS
Band5	4233	4	13.22	-2.5	10.72	38.45	PASS
Band5	4233	5	14.62	-2.5	12.12	38.45	PASS

AppendixB:Peak-to-Average Ratio

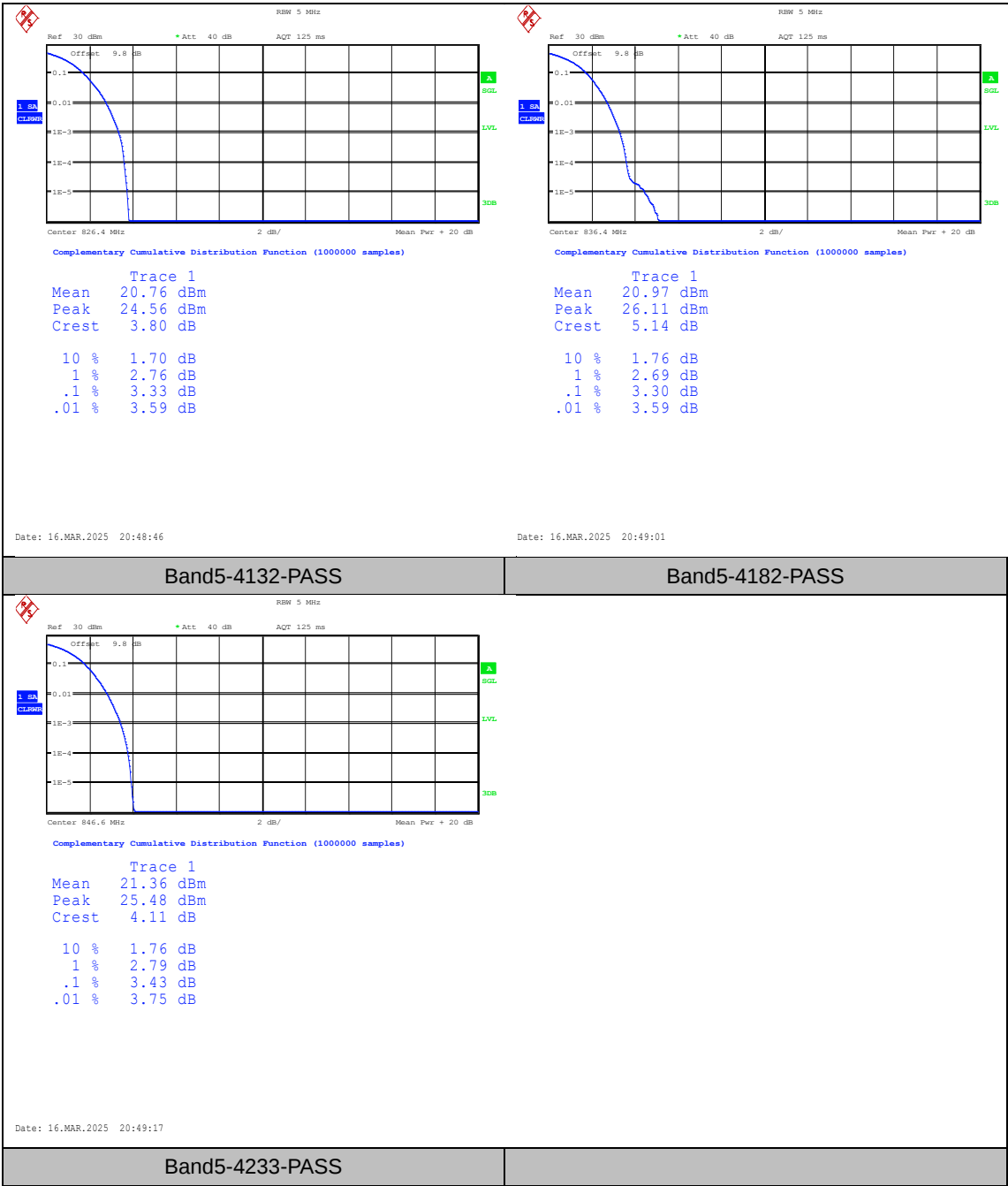
Test Result

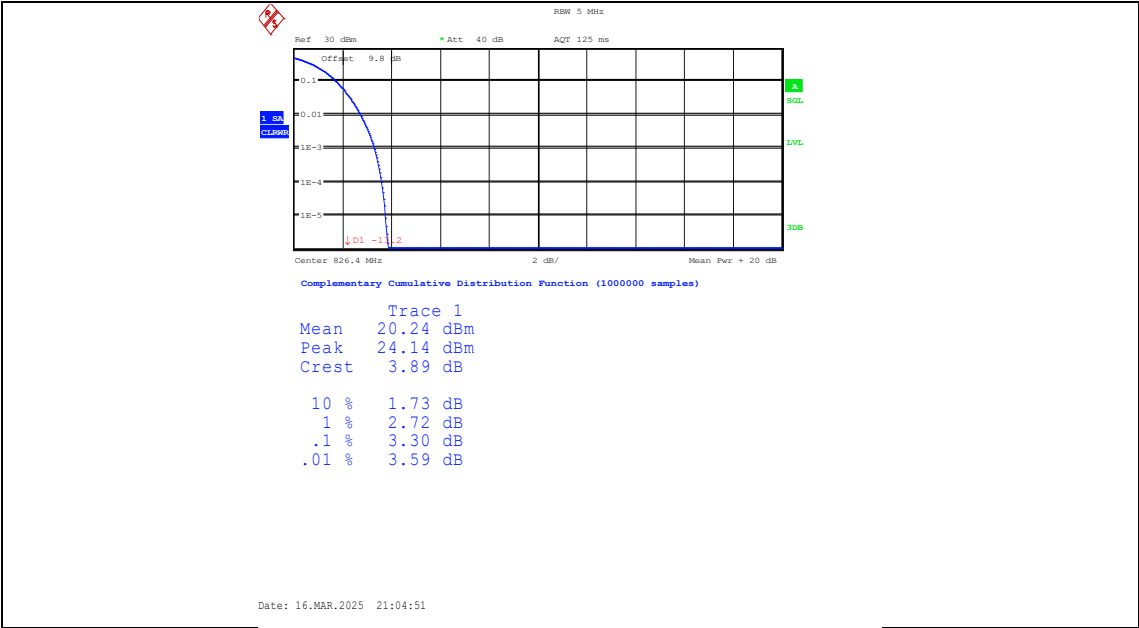
Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band5	4132	3.33	13	PASS
Band5	4182	3.3	13	PASS
Band5	4233	3.43	13	PASS

Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band5	4132	1	3.3	13	PASS
Band5	4132	2	3.65	13	PASS
Band5	4132	3	4.01	13	PASS
Band5	4132	4	4.01	13	PASS
Band5	4182	1	3.53	13	PASS
Band5	4182	2	3.75	13	PASS
Band5	4182	3	4.01	13	PASS
Band5	4182	4	4.07	13	PASS
Band5	4233	1	3.3	13	PASS
Band5	4233	2	3.81	13	PASS
Band5	4233	3	4.04	13	PASS
Band5	4233	4	4.07	13	PASS

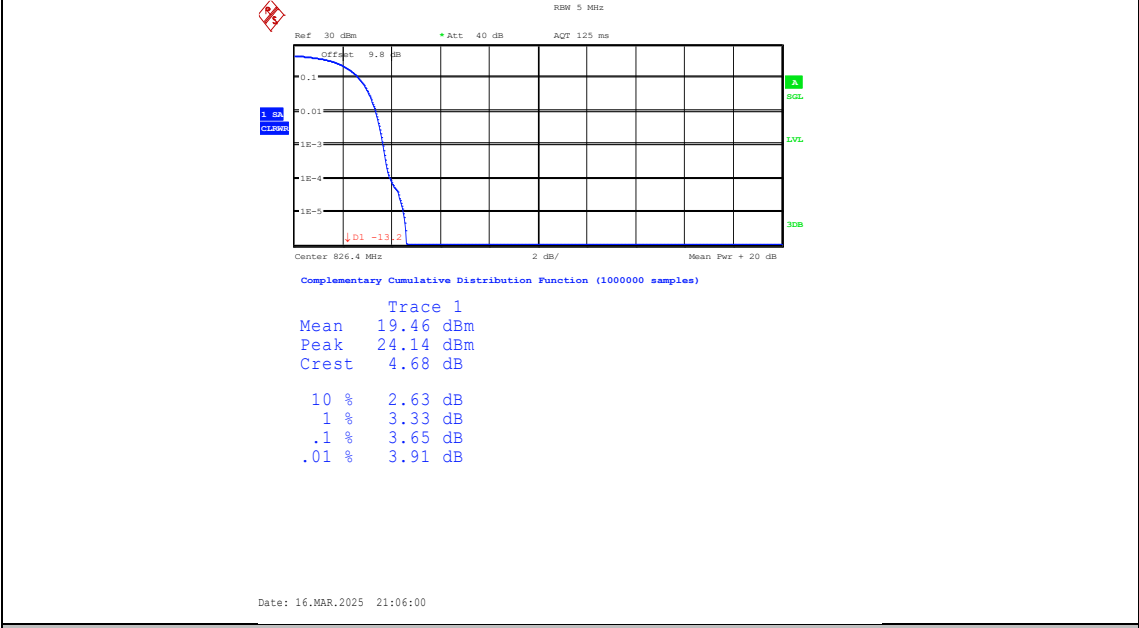
Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band5	4132	1	4.58	13	PASS
Band5	4132	2	5.64	13	PASS
Band5	4132	3	5.19	13	PASS
Band5	4132	4	5.74	13	PASS
Band5	4132	5	4.46	13	PASS
Band5	4182	1	4.49	13	PASS
Band5	4182	2	5.48	13	PASS
Band5	4182	3	4.97	13	PASS
Band5	4182	4	5.48	13	PASS
Band5	4182	5	4.33	13	PASS
Band5	4233	1	4.62	13	PASS
Band5	4233	2	5.67	13	PASS
Band5	4233	3	5.22	13	PASS
Band5	4233	4	5.61	13	PASS
Band5	4233	5	4.49	13	PASS

Test Graphs

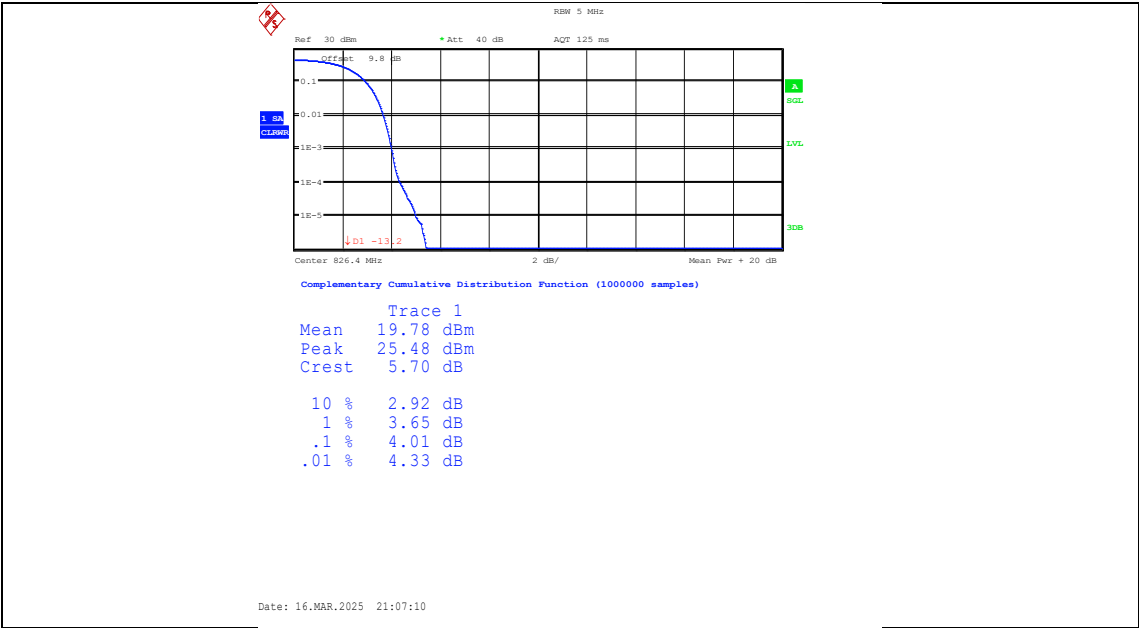




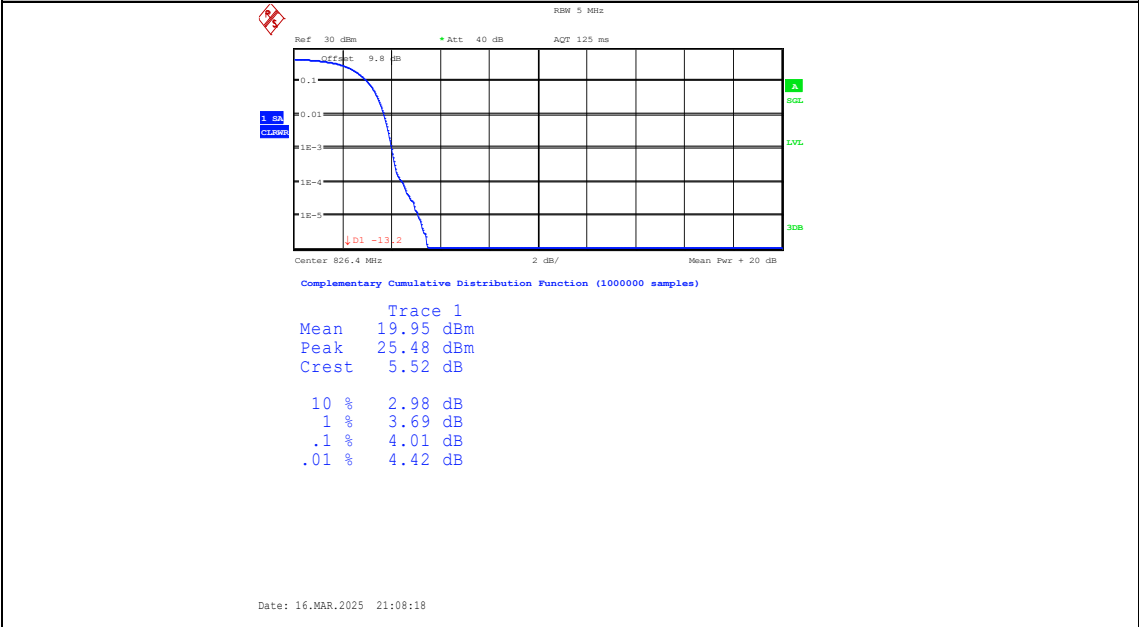
Band5-4132-1-PASS



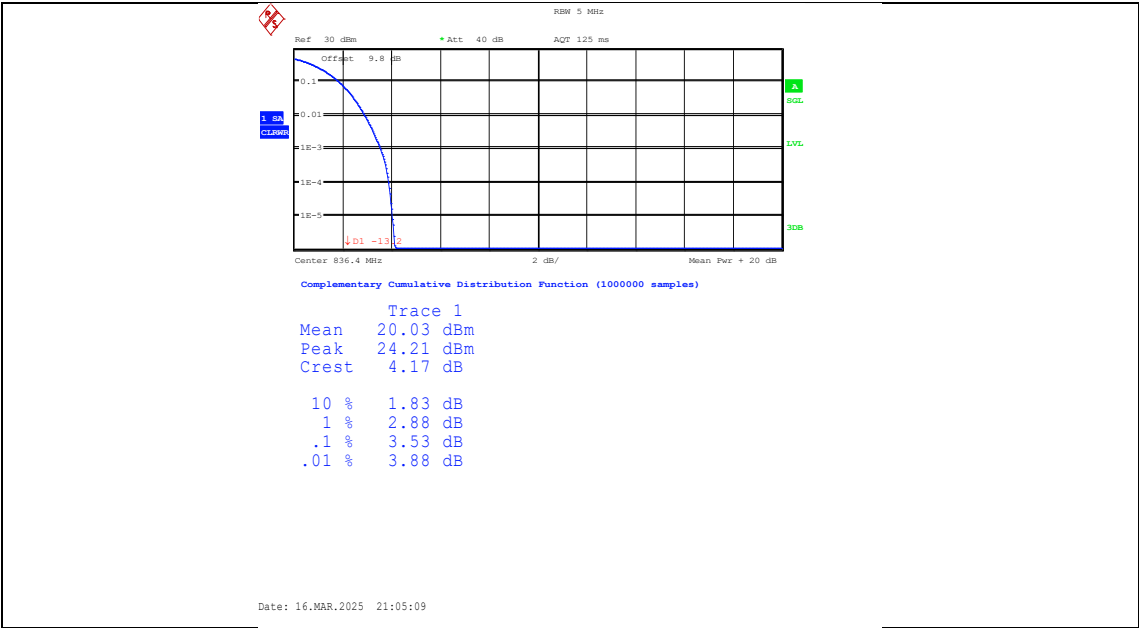
Band5-4132-2-PASS



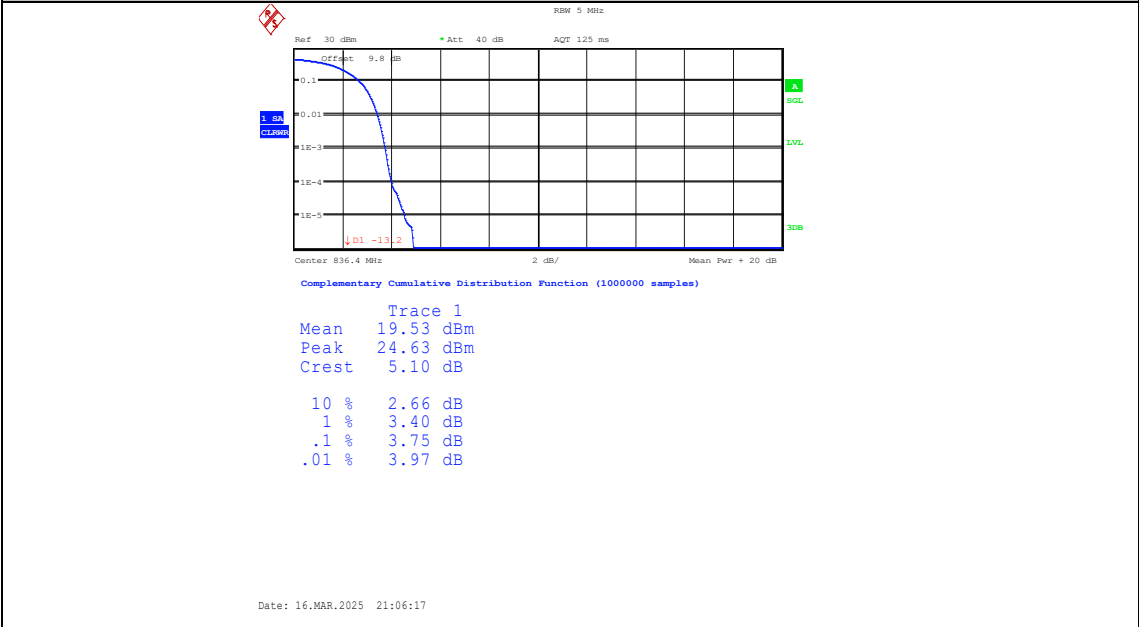
Band5-4132-3-PASS



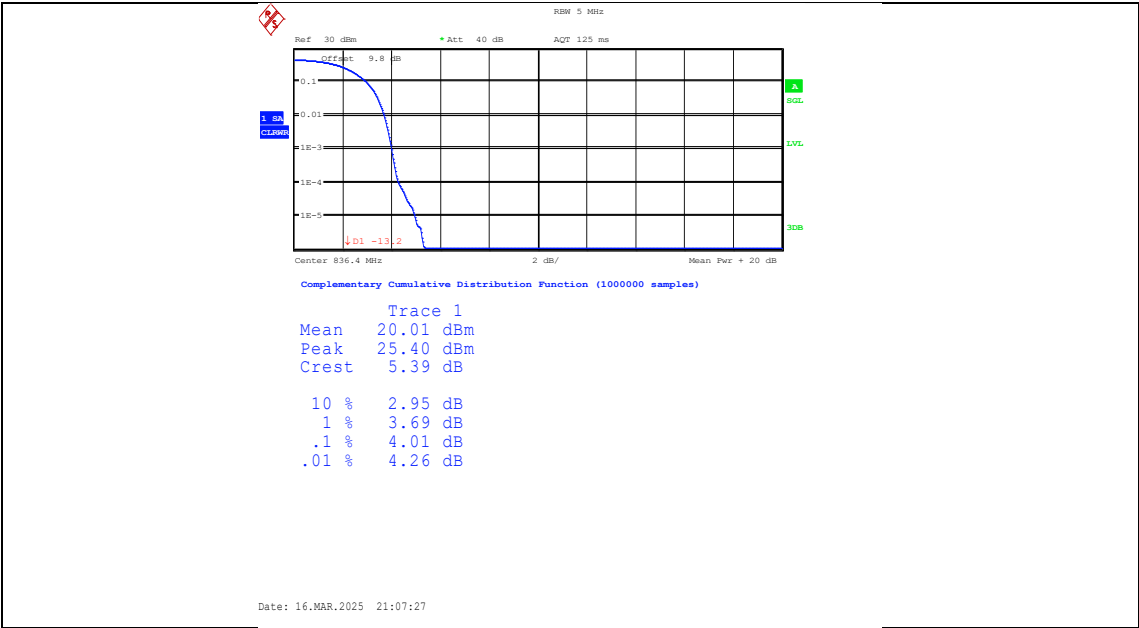
Band5-4132-4-PASS



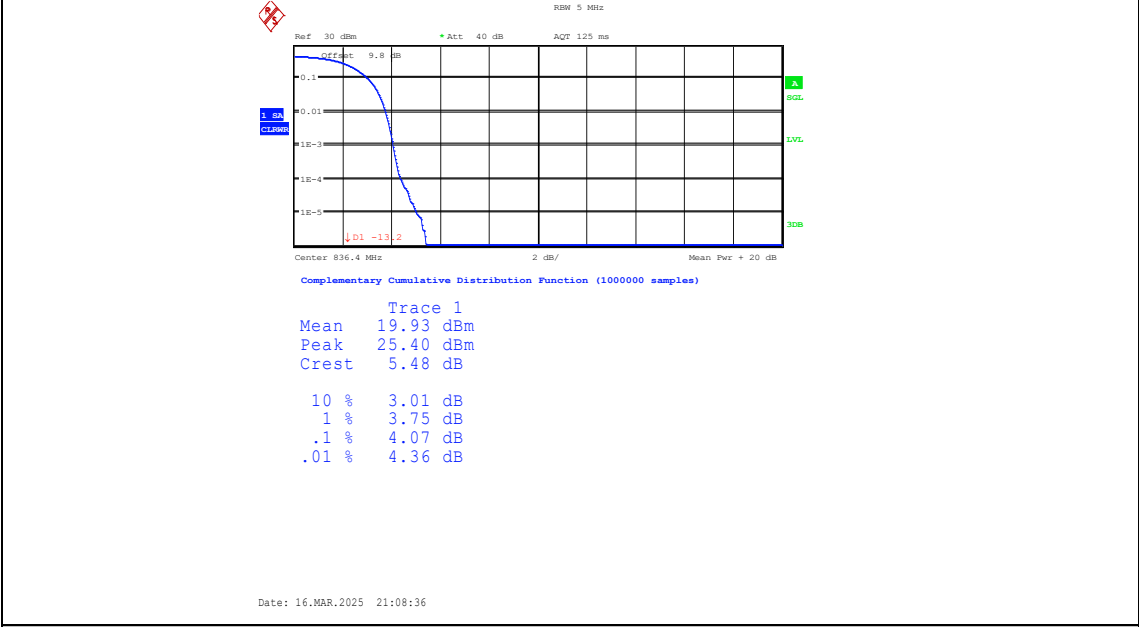
Band5-4182-1-PASS



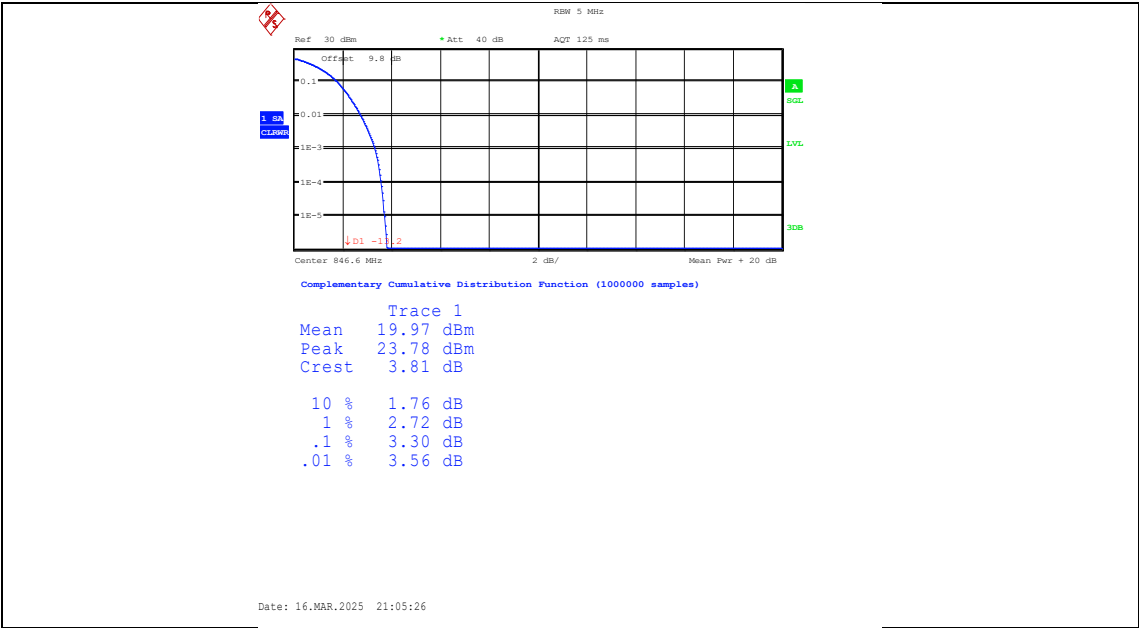
Band5-4182-2-PASS



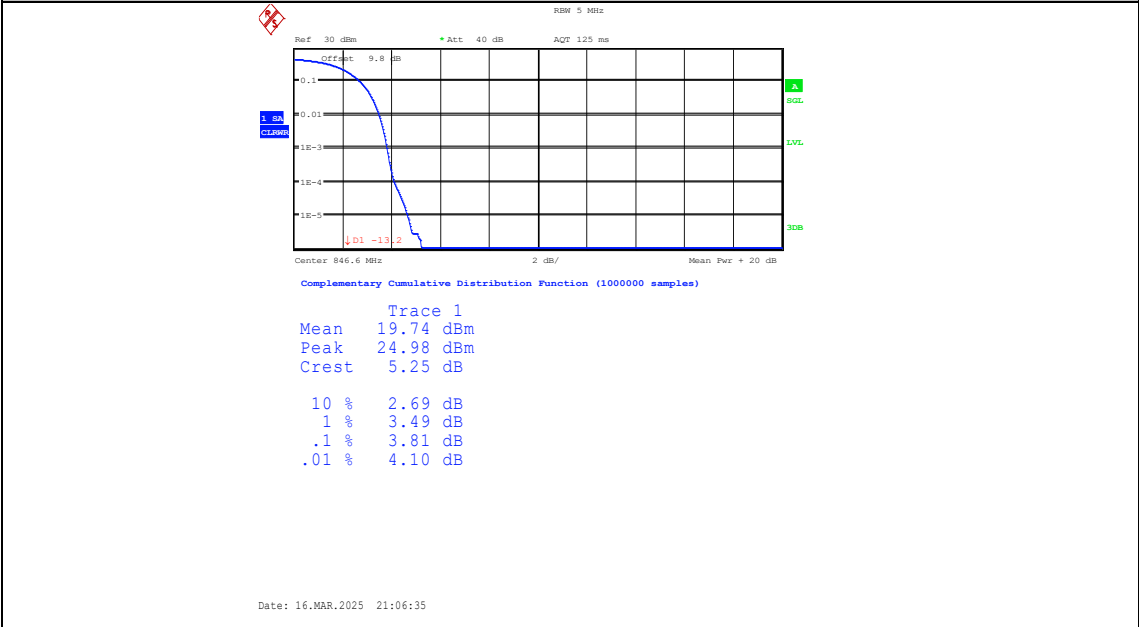
Band5-4182-3-PASS



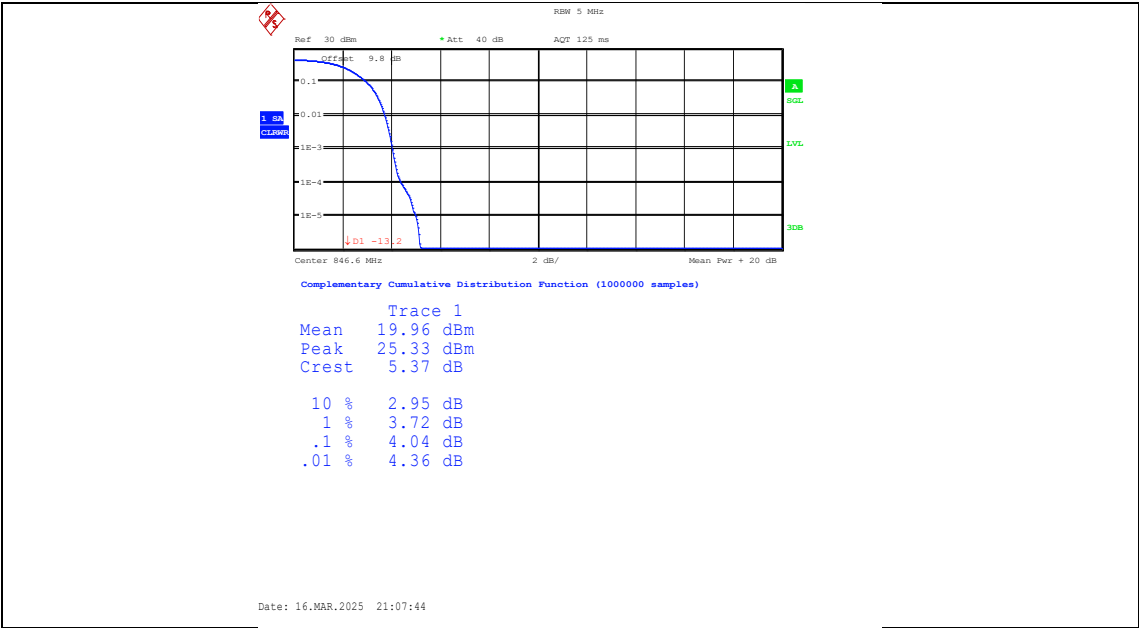
Band5-4182-4-PASS



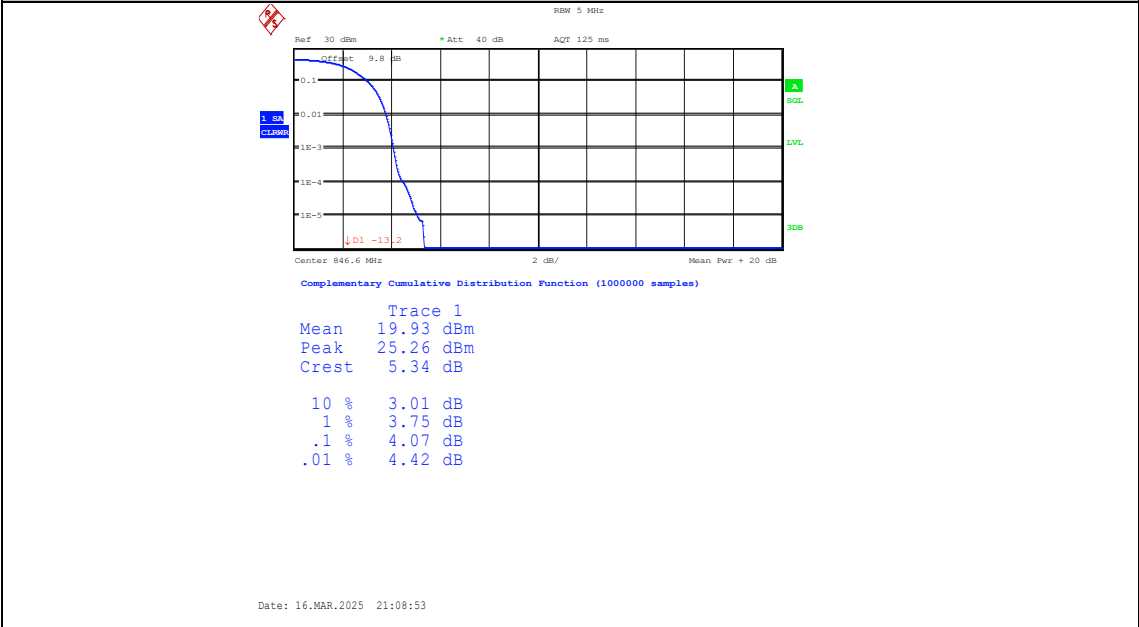
Band5-4233-1-PASS



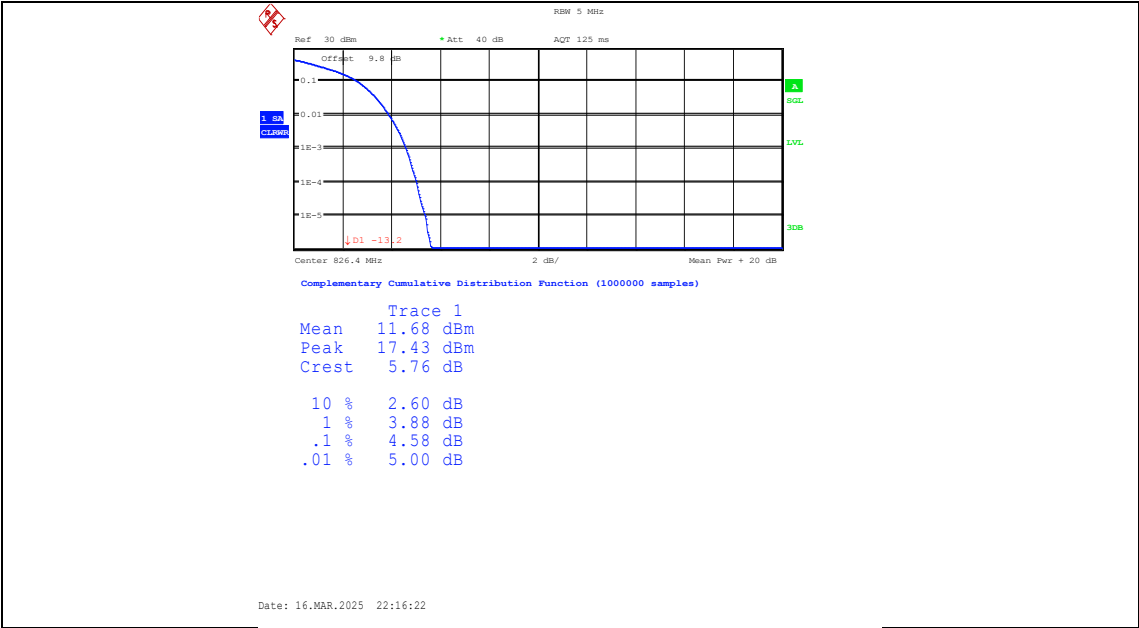
Band5-4233-2-PASS



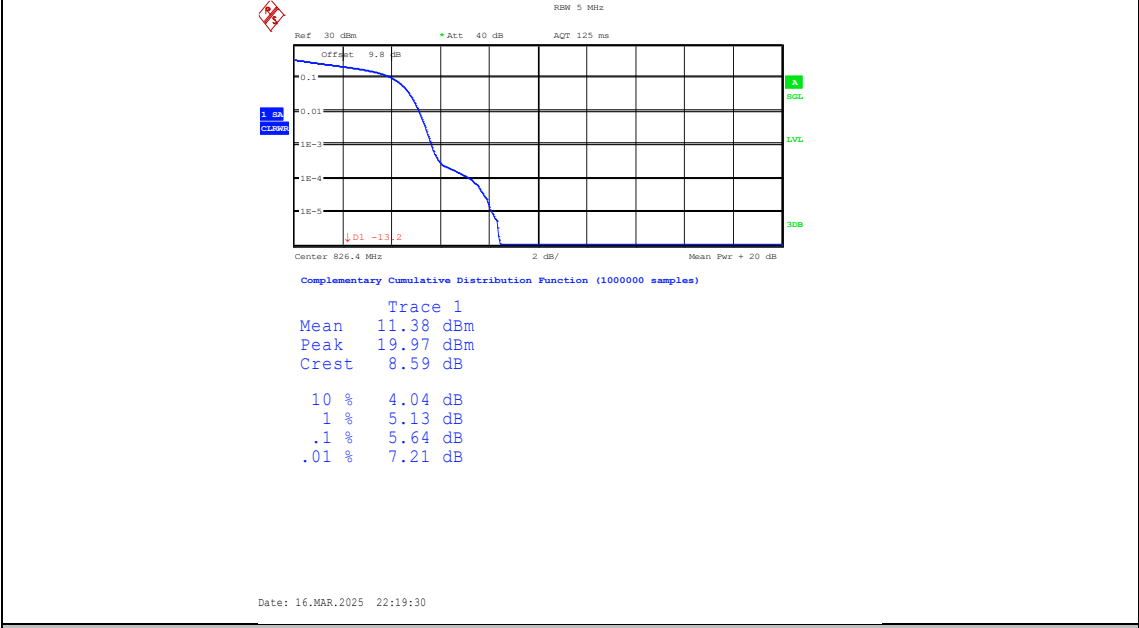
Band5-4233-3-PASS



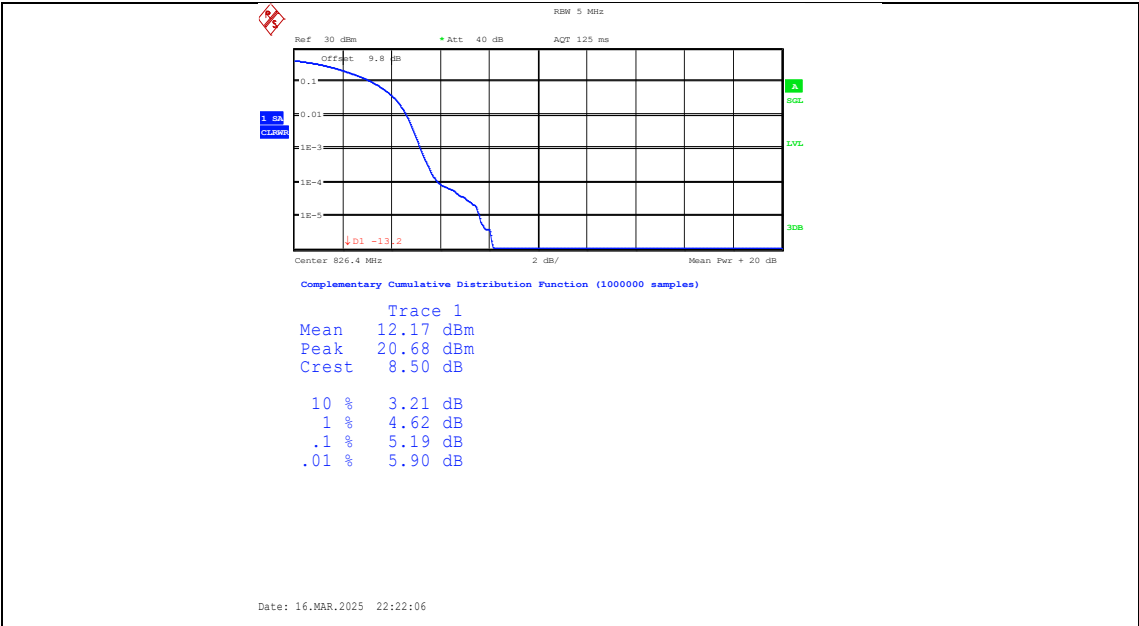
Band5-4233-4-PASS



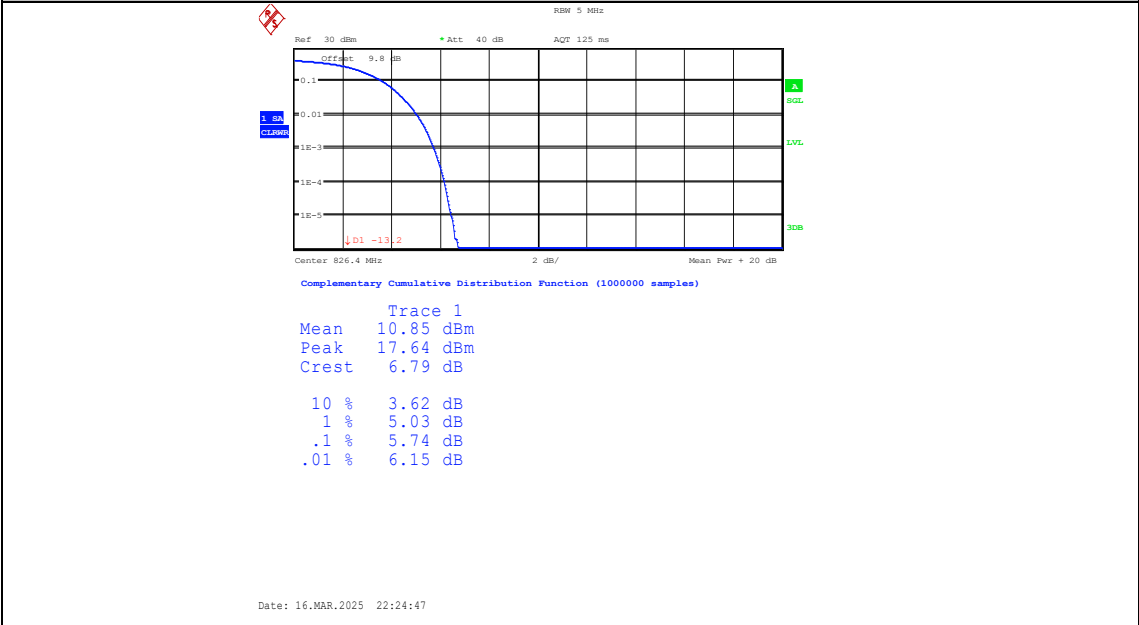
Band5-4132-1-PASS



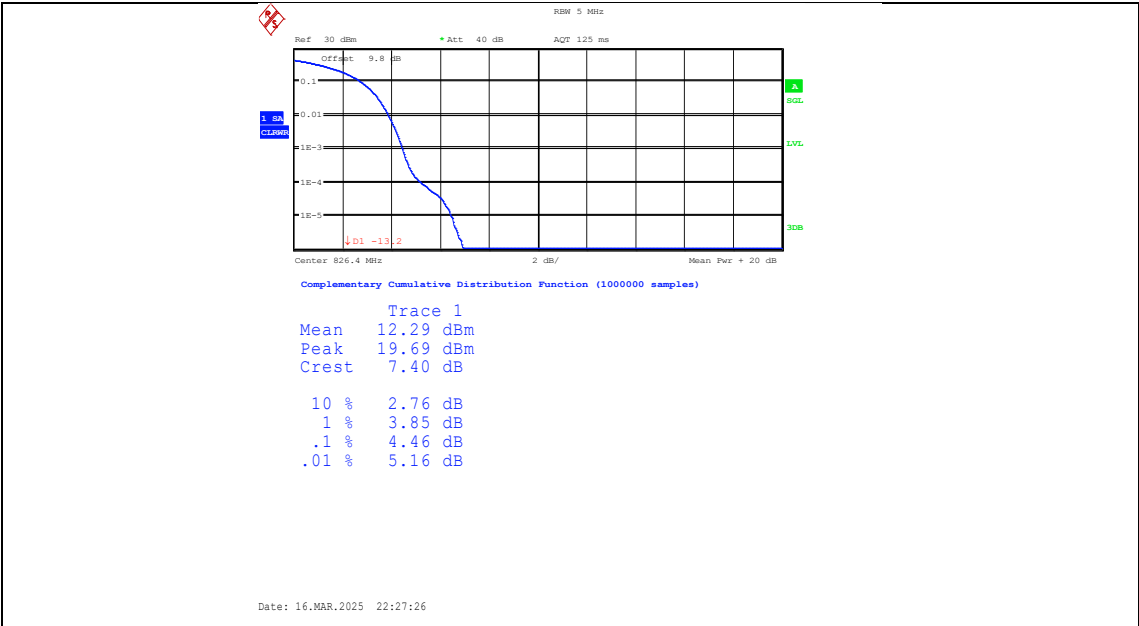
Band5-4132-2-PASS



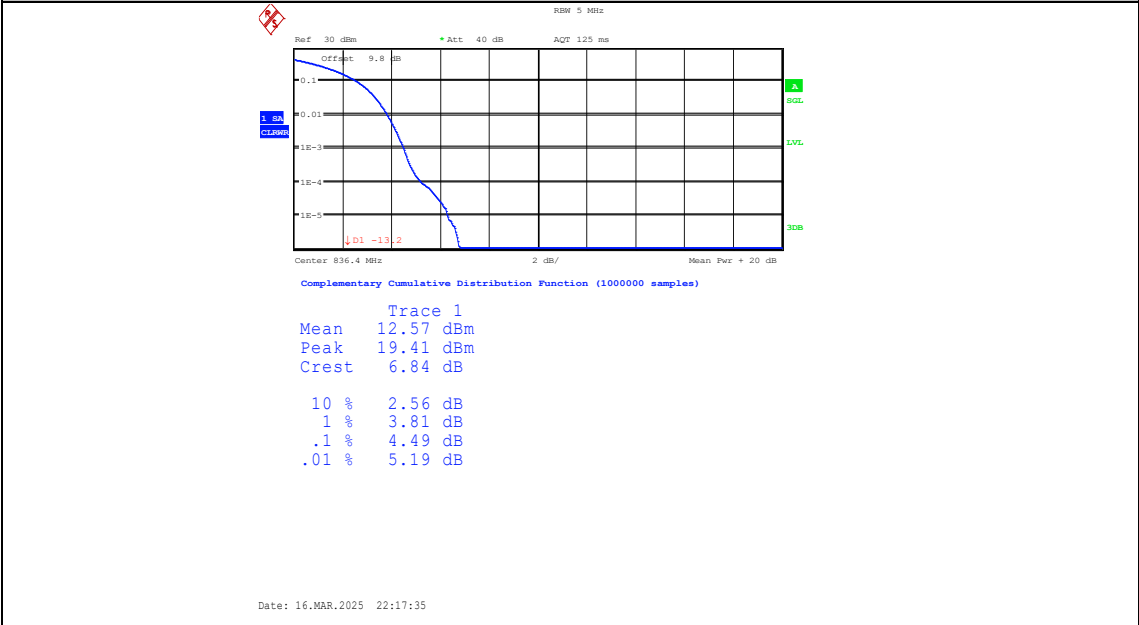
Band5-4132-3-PASS



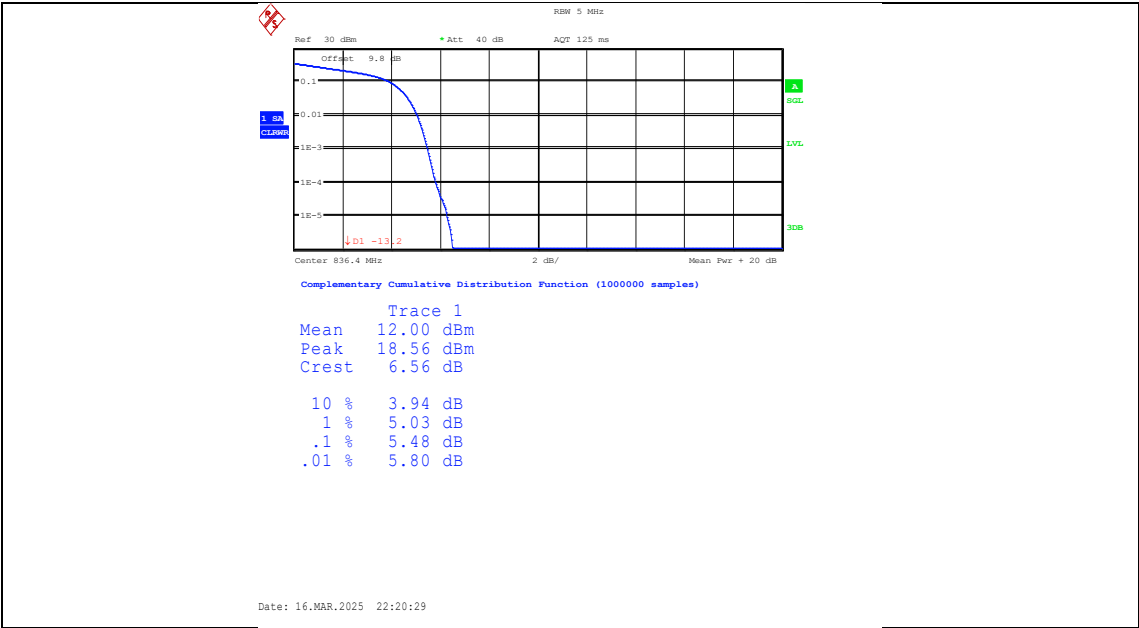
Band5-4132-4-PASS



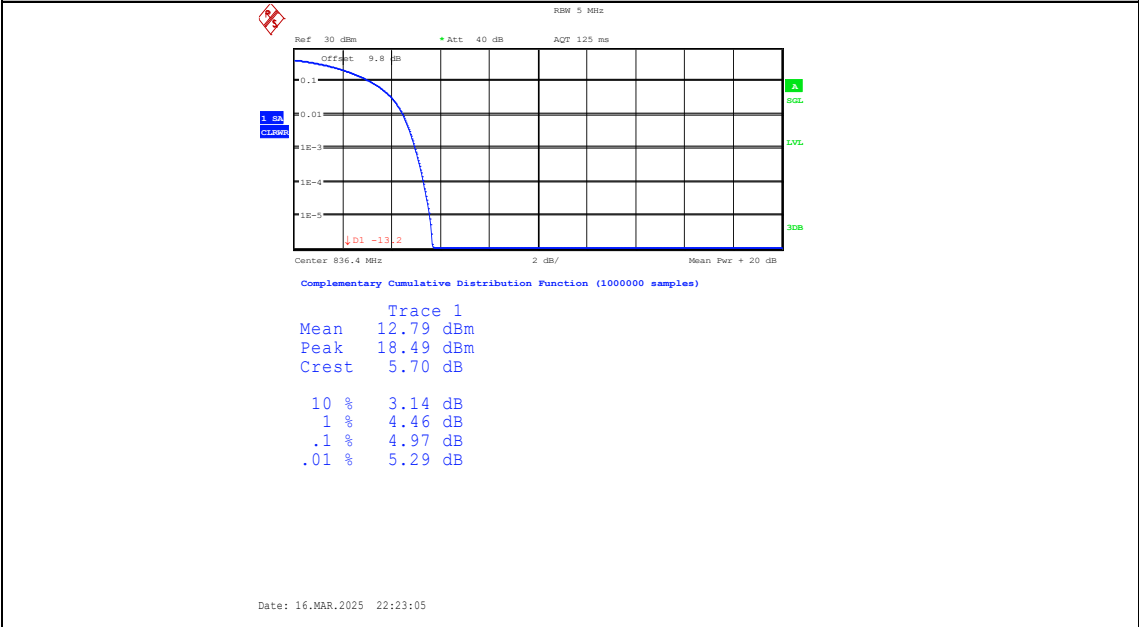
Band5-4132-5-PASS



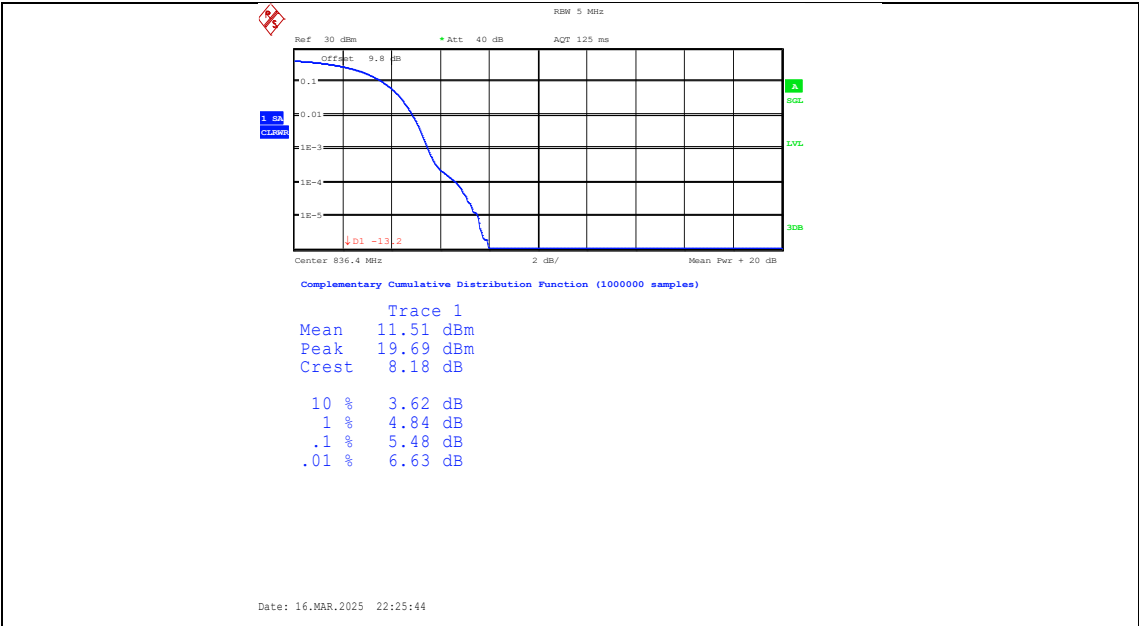
Band5-4182-1-PASS



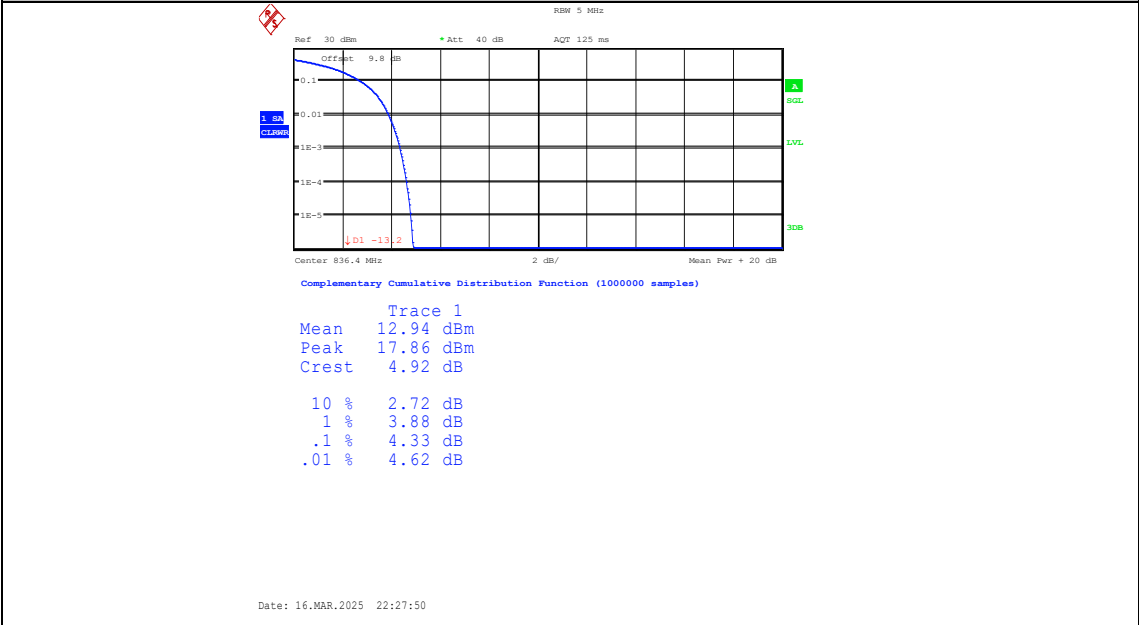
Band5-4182-2-PASS



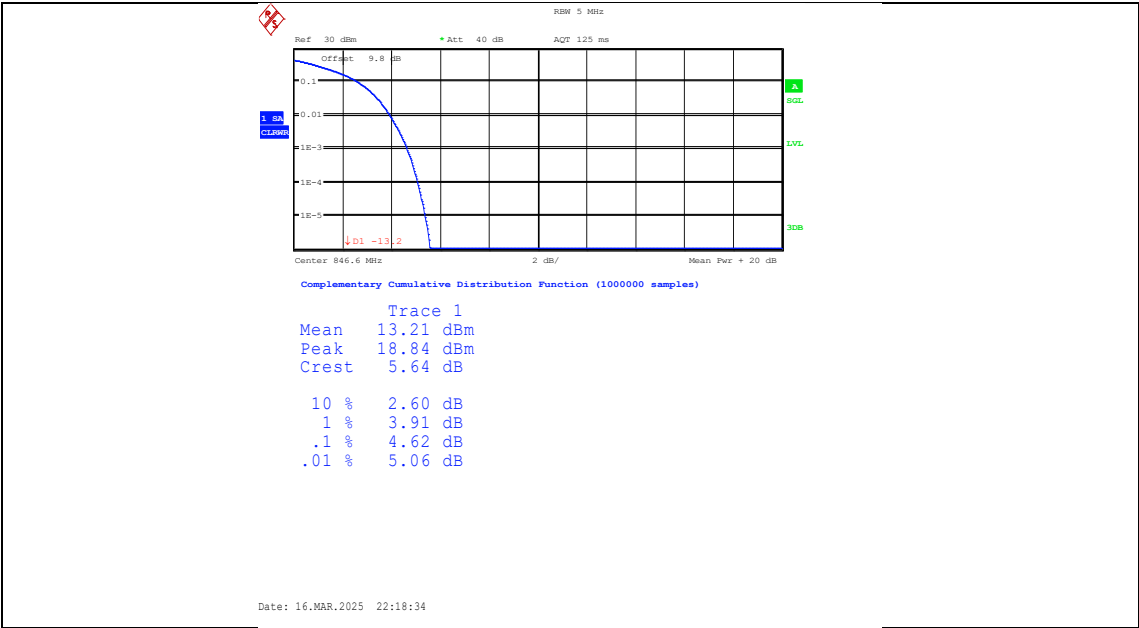
Band5-4182-3-PASS



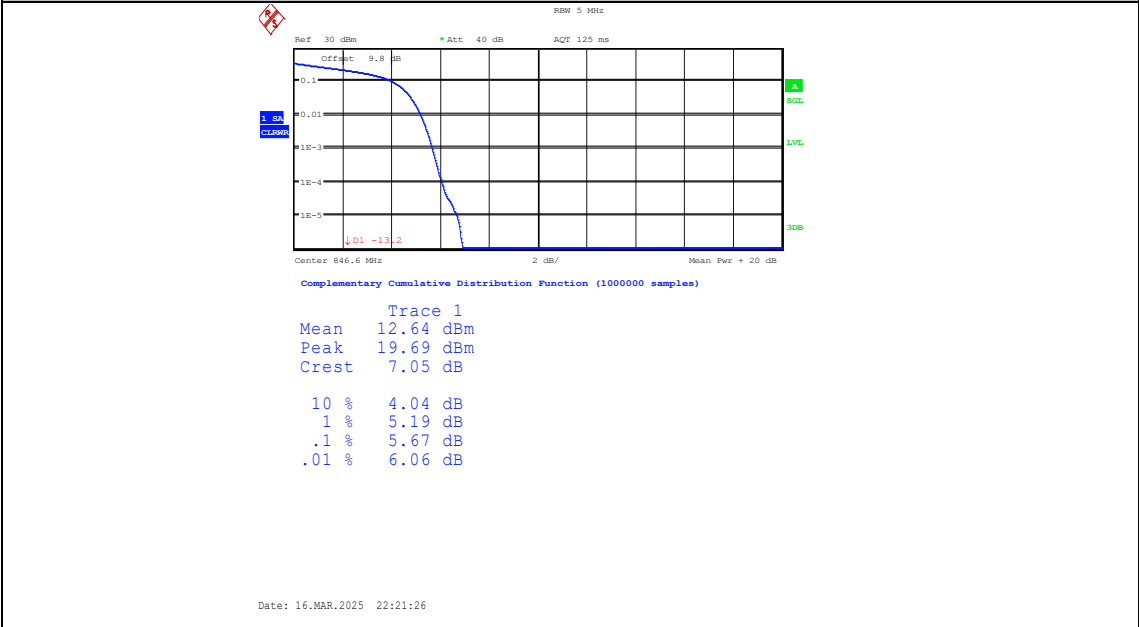
Band5-4182-4-PASS



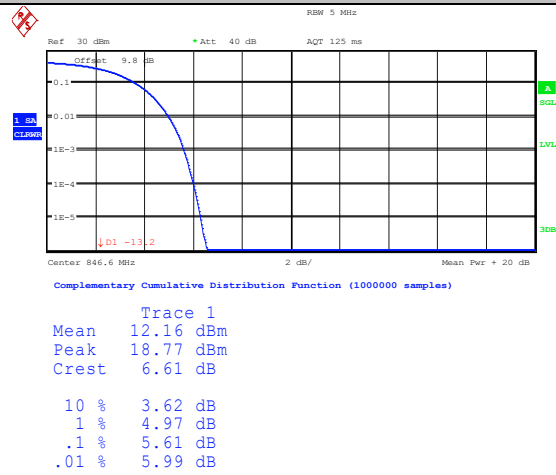
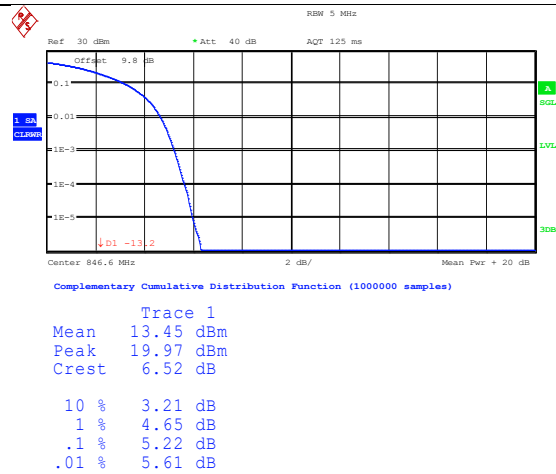
Band5-4182-5-PASS



Band5-4233-1-PASS



Band5-4233-2-PASS



Band5-4233-4-PASS



Band5-4233-5-PASS

AppendixC:26dB Bandwidth andOccupied Bandwidth

Test Result

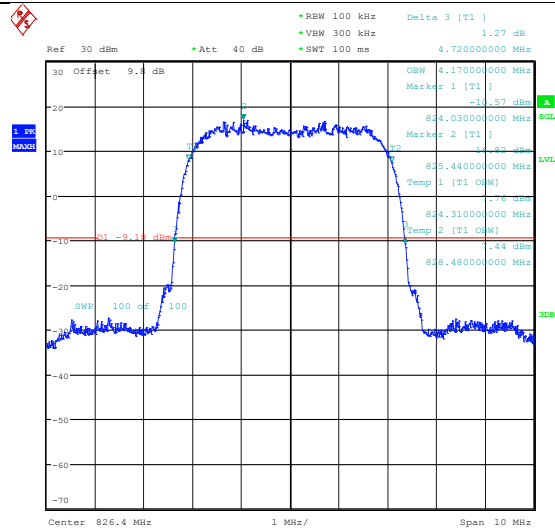
Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(kHz)	Verdict
Band5	4132	4.16	4.71	---	PASS
Band5	4182	4.17	4.72	---	PASS
Band5	4233	4.17	4.70	---	PASS

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

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

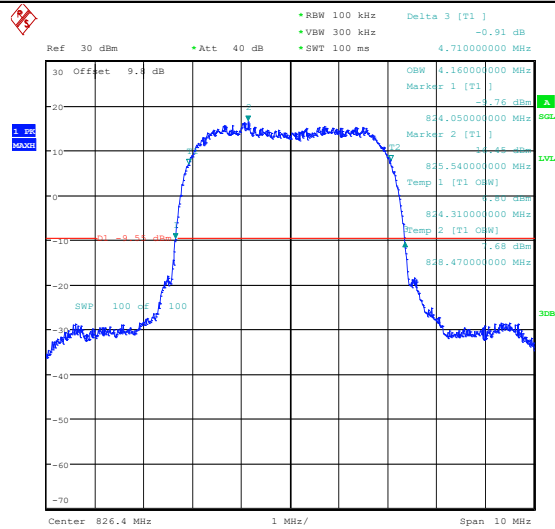
Band5	4233	2	4.2	4.73	---	PASS
Band5	4233	3	4.19	4.71	---	PASS
Band5	4233	4	4.18	4.73	---	PASS
Band5	4233	5	4.17	4.73	---	PASS

[illegible]



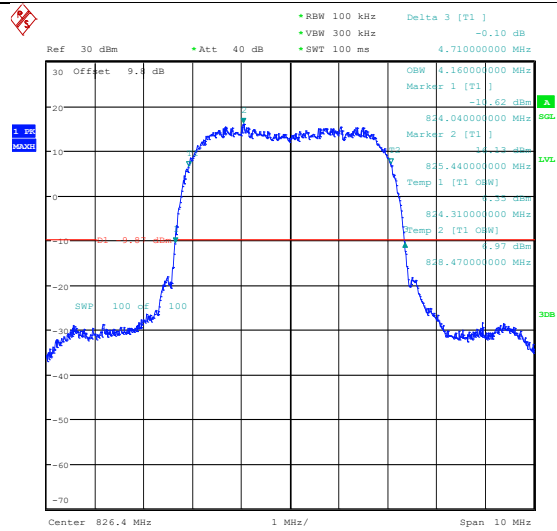
Date: 16.MAR.2025 21:34:44

Band5-4132-1-PASS



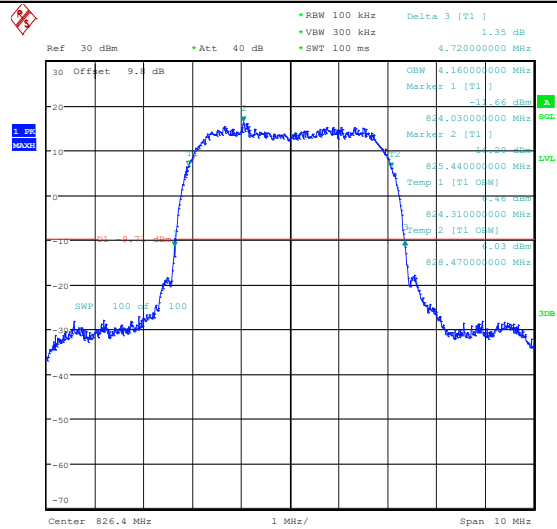
Date: 16.MAR.2025 21:36:30

Band5-4132-2-PASS



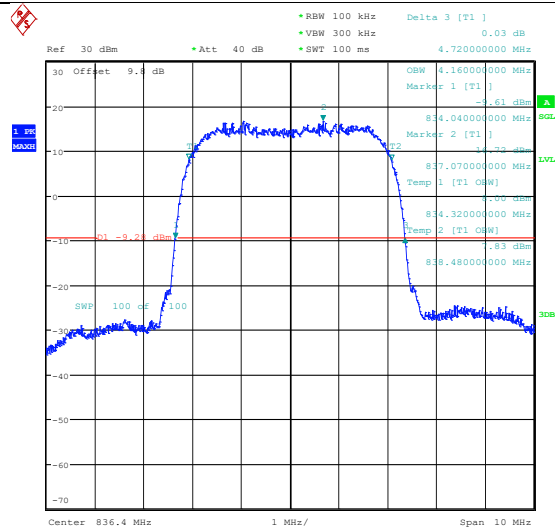
Date: 16.MAR.2025 21:38:15

Band5-4132-3-PASS



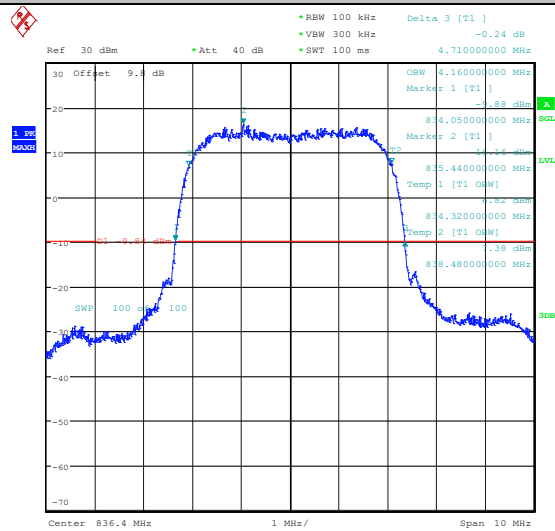
Date: 16.MAR.2025 21:40:00

Band5-4132-4-PASS



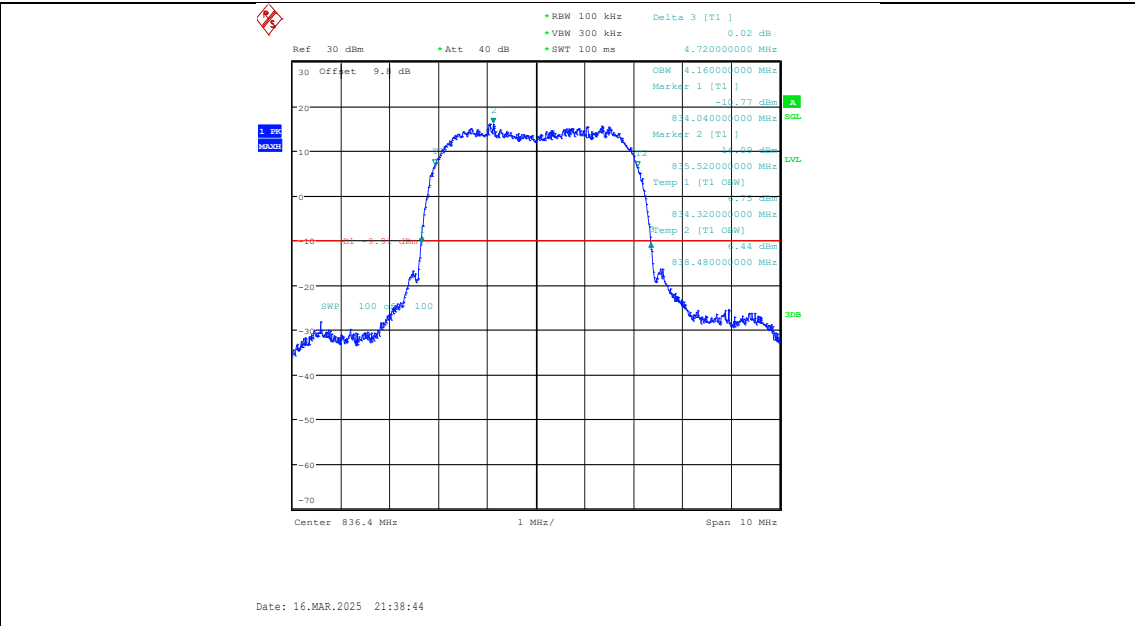
Date: 16.MAR.2025 21:35:13

Band5-4182-1-PASS

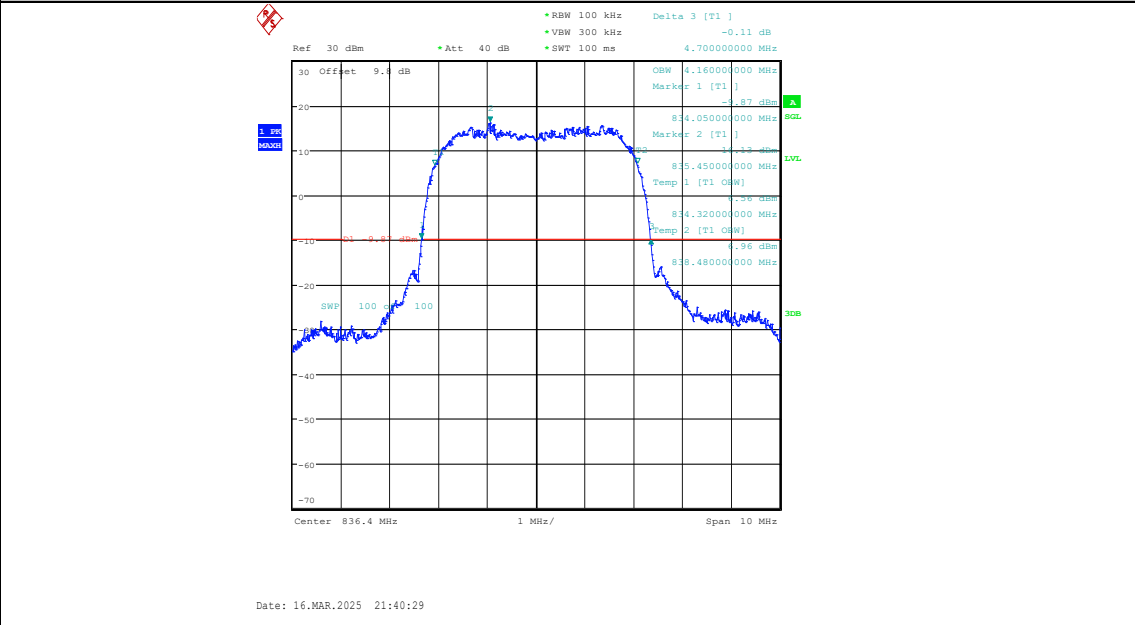


Date: 16.MAR.2025 21:37:00

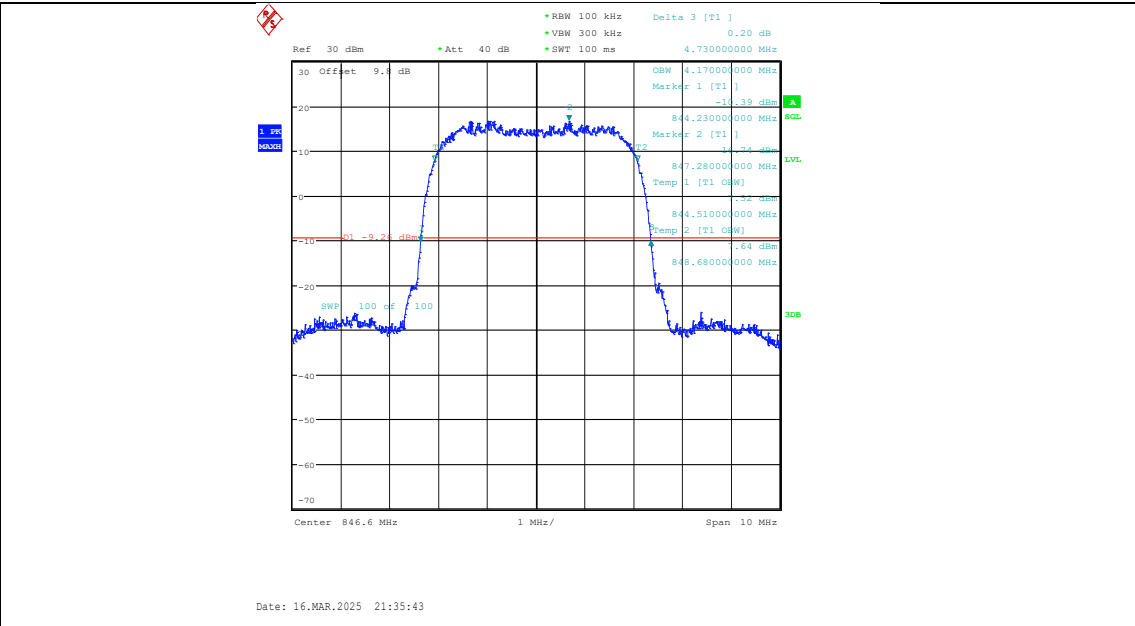
Band5-4182-2-PASS



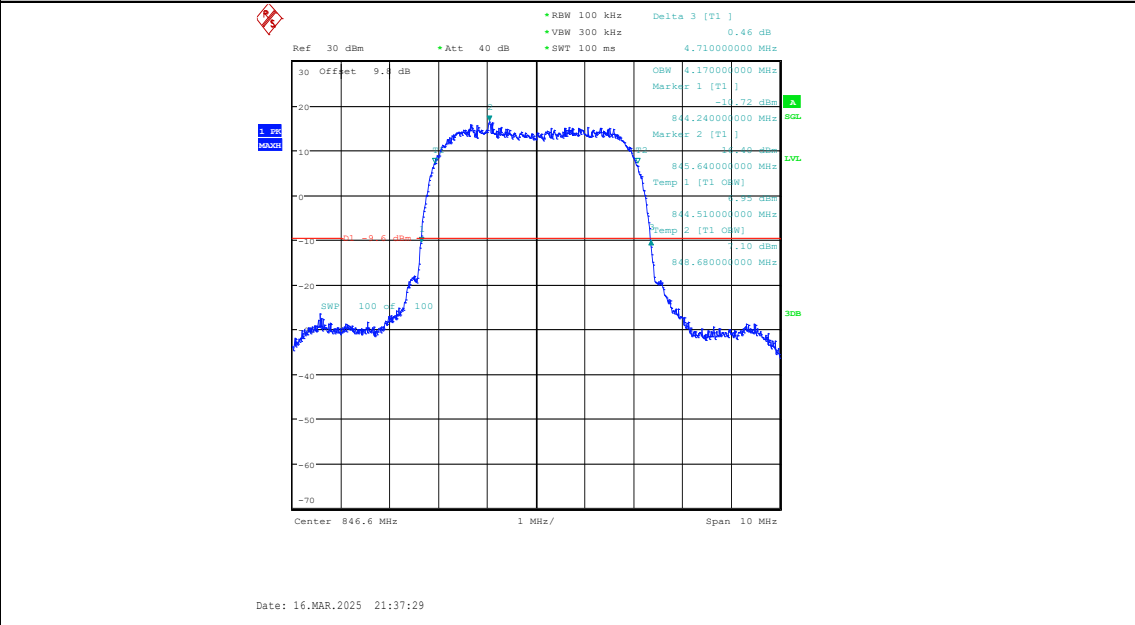
Band5-4182-3-PASS



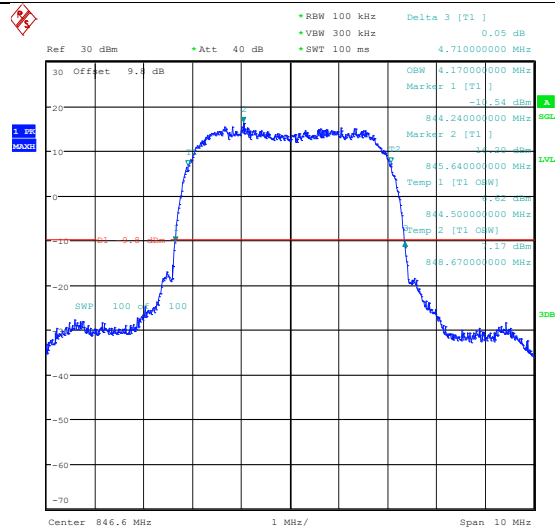
Band5-4182-4-PASS



Band5-4233-1-PASS

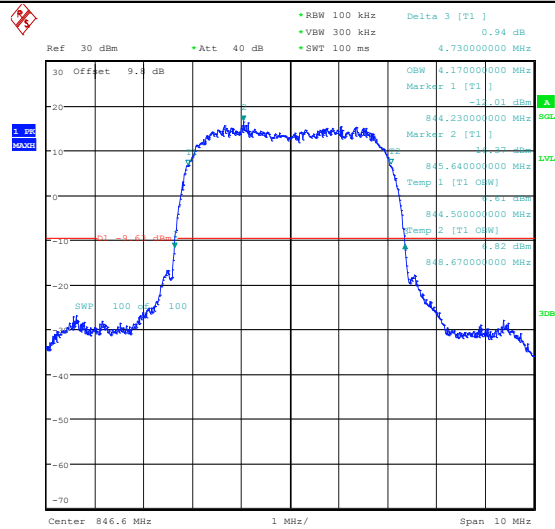


Band5-4233-2-PASS



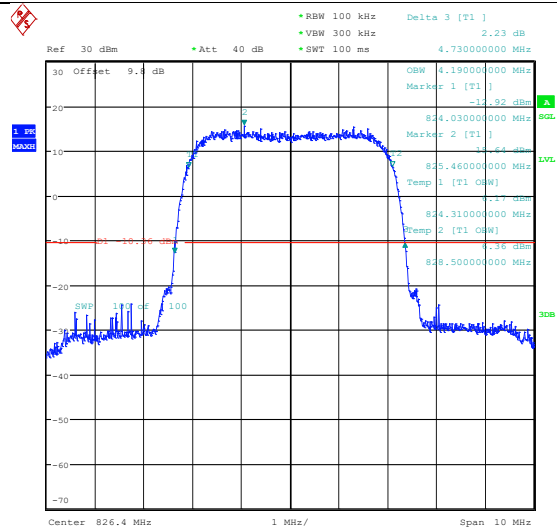
Date: 16.MAR.2025 21:39:14

Band5-4233-3-PASS



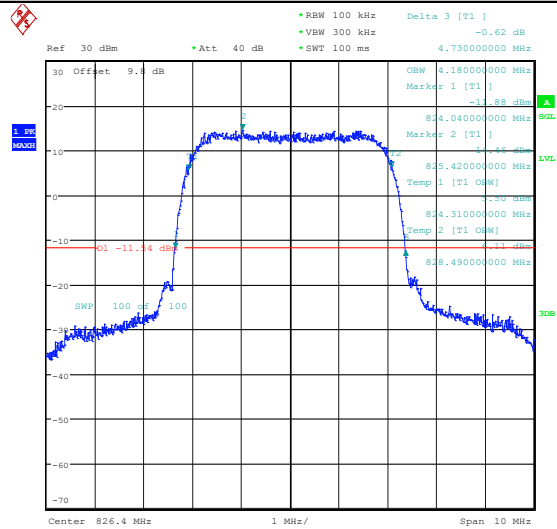
Date: 16.MAR.2025 21:40:59

Band5-4233-4-PASS



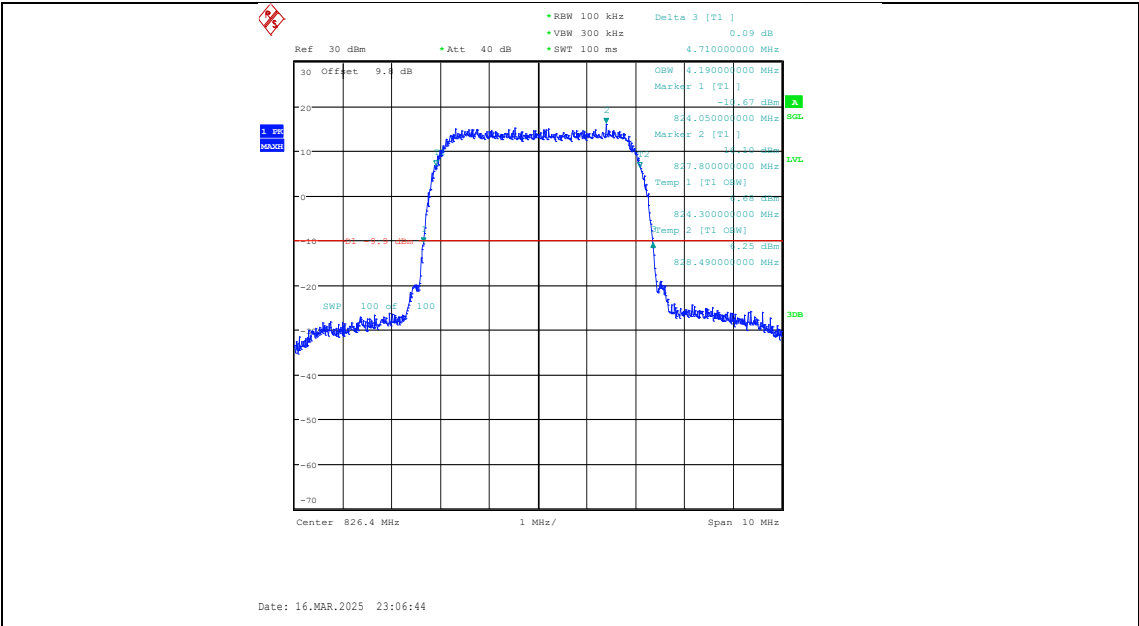
Date: 16.MAR.2025 22:59:45

Band5-4132-1-PASS

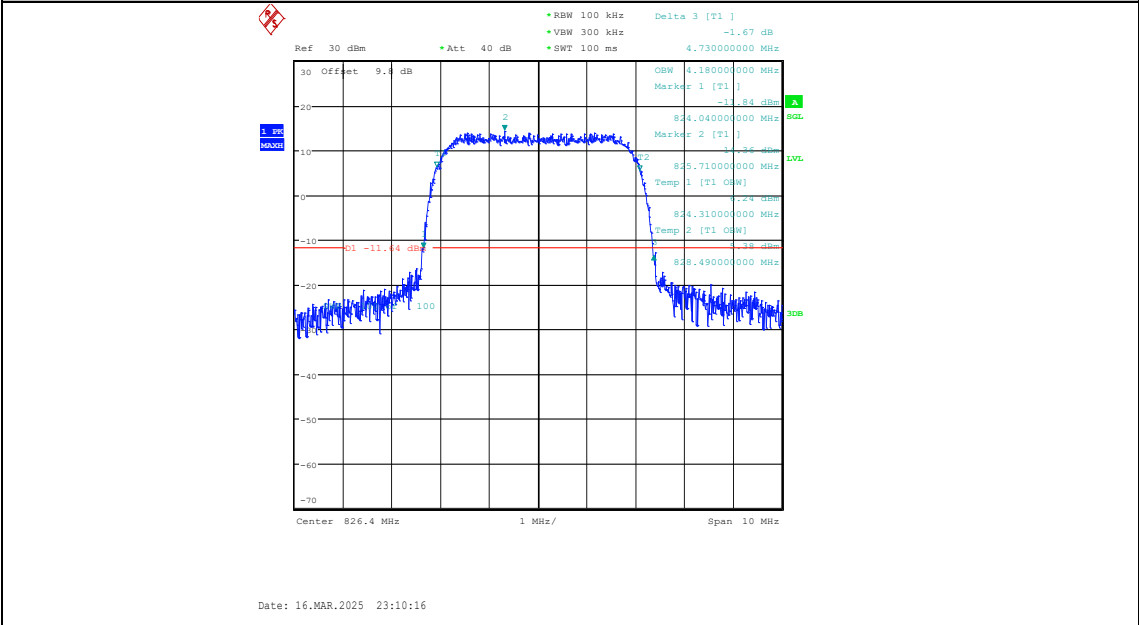


Date: 16.MAR.2025 23:03:22

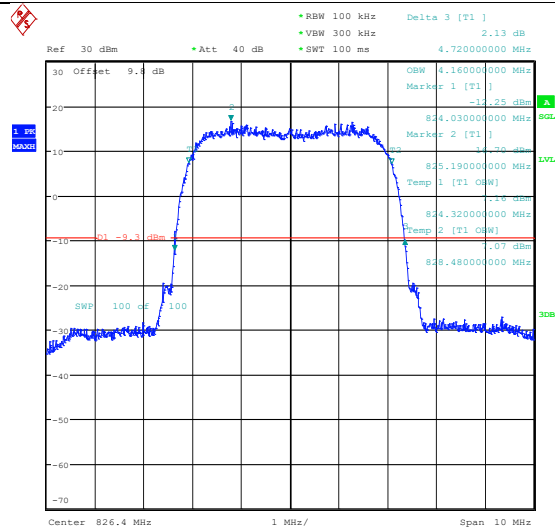
Band5-4132-2-PASS



Band5-4132-3-PASS

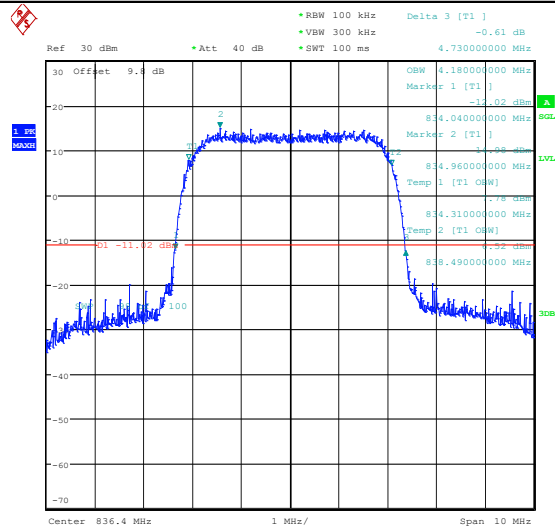


Band5-4132-4-PASS



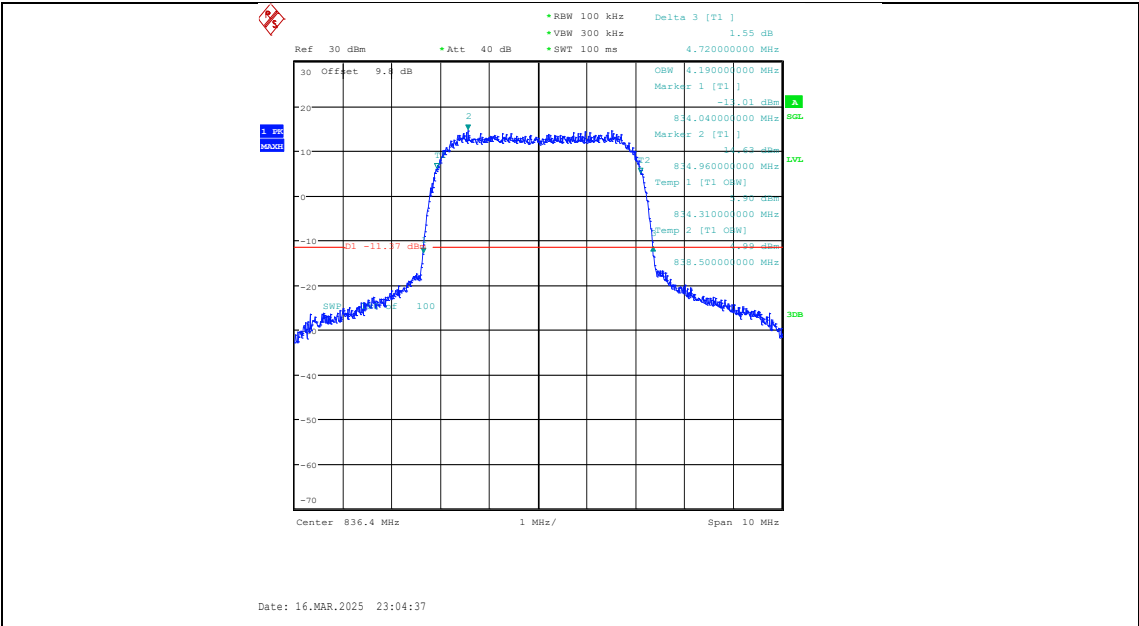
Date: 16.MAR.2025 23:13:35

Band5-4132-5-PASS

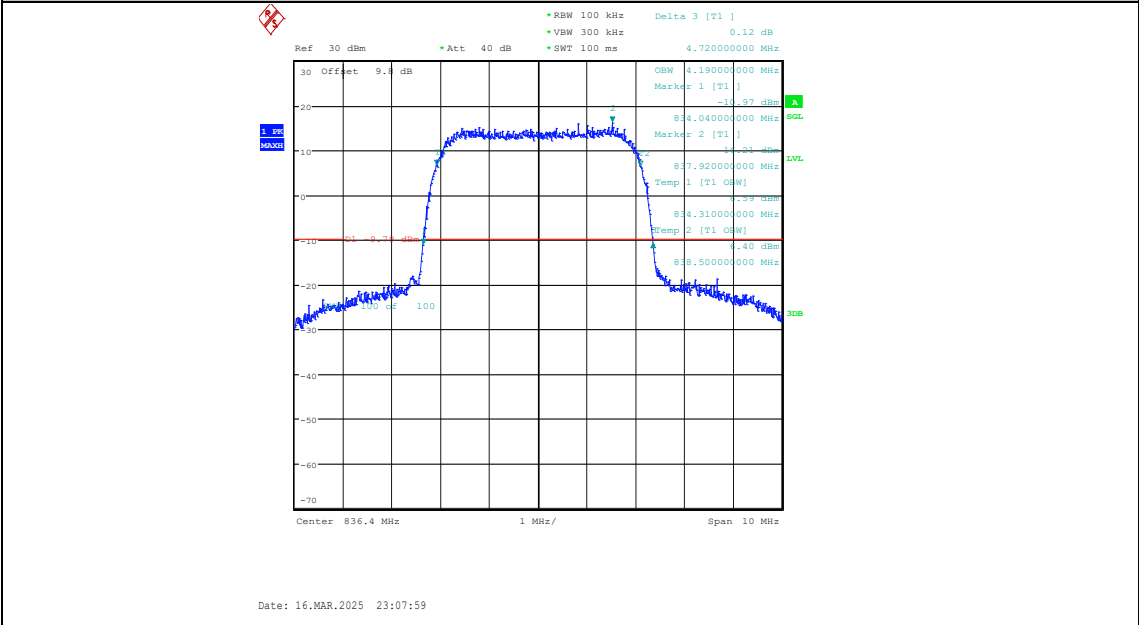


Date: 16.MAR.2025 23:00:59

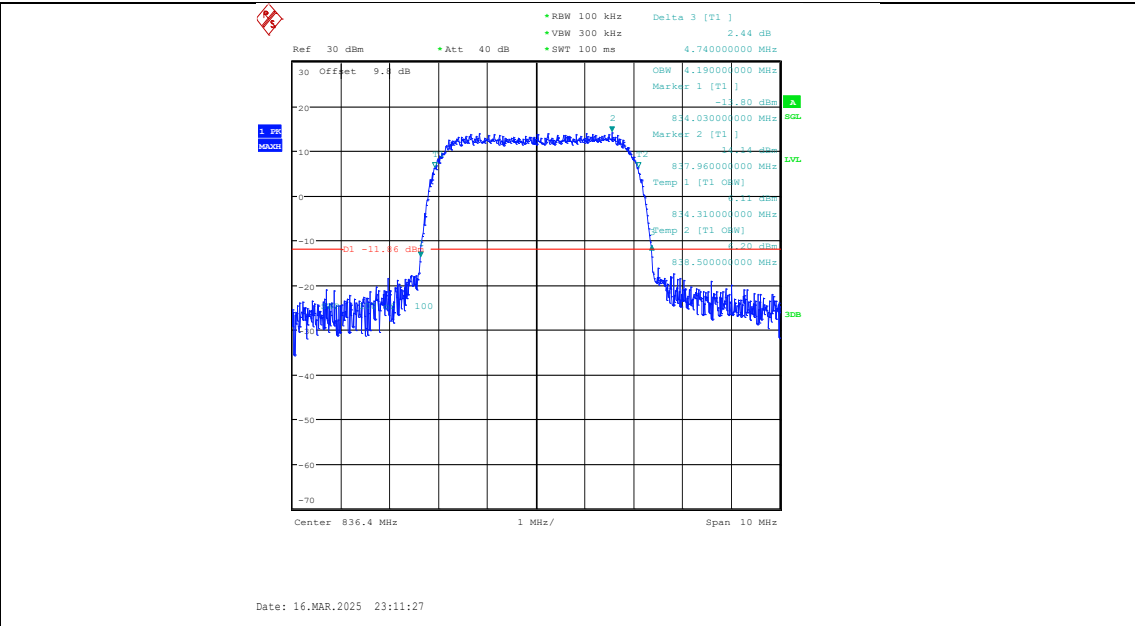
Band5-4182-1-PASS



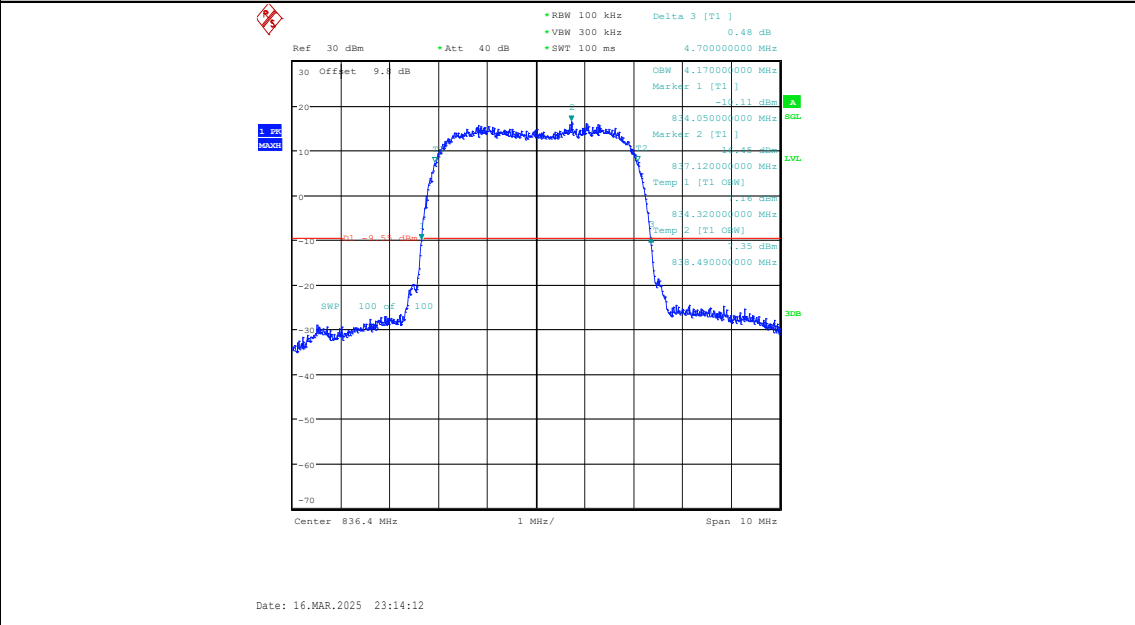
Band5-4182-2-PASS



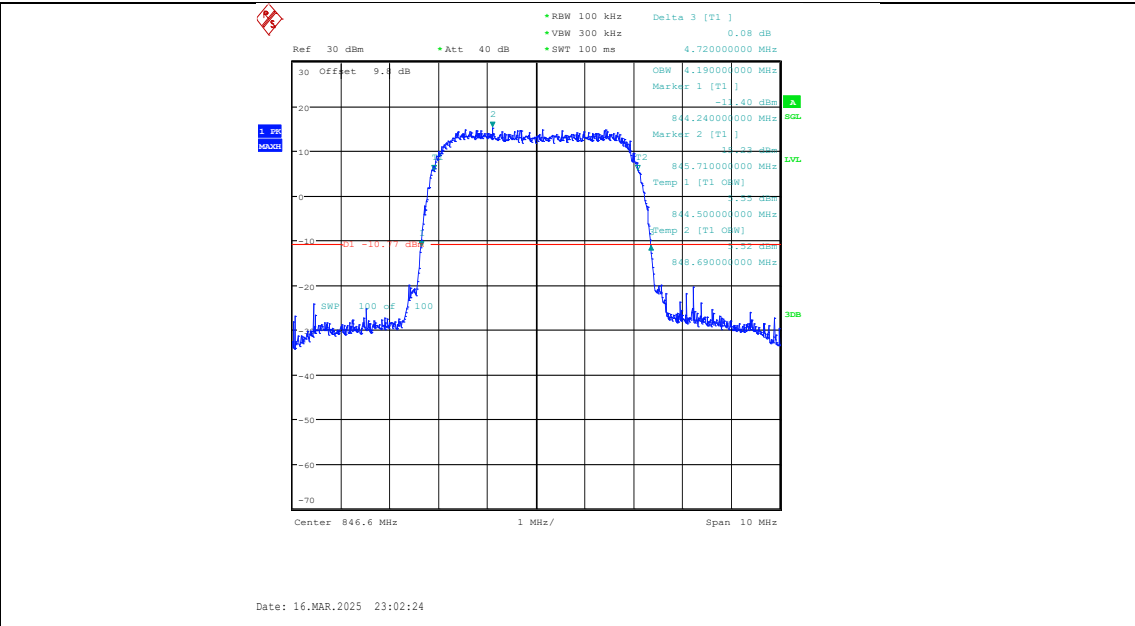
Band5-4182-3-PASS



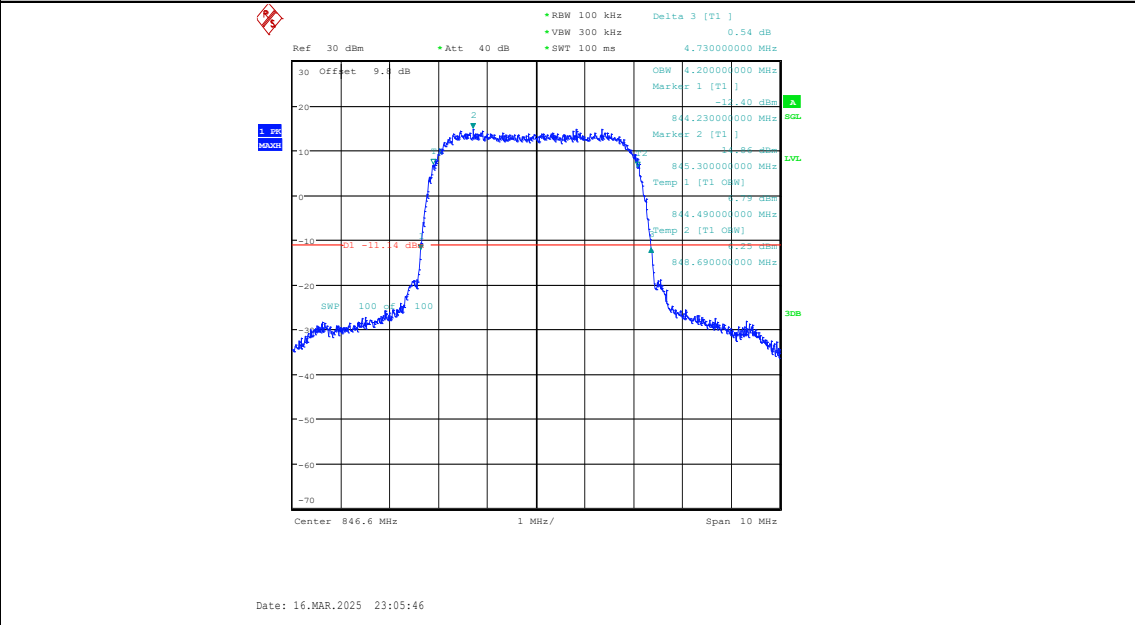
Band5-4182-4-PASS



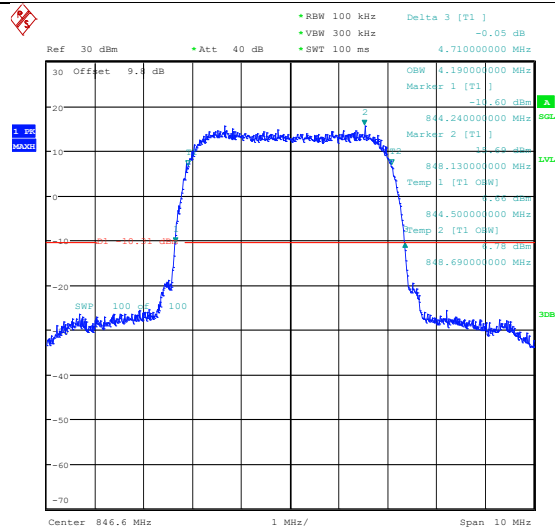
Band5-4182-5-PASS



Band5-4233-1-PASS

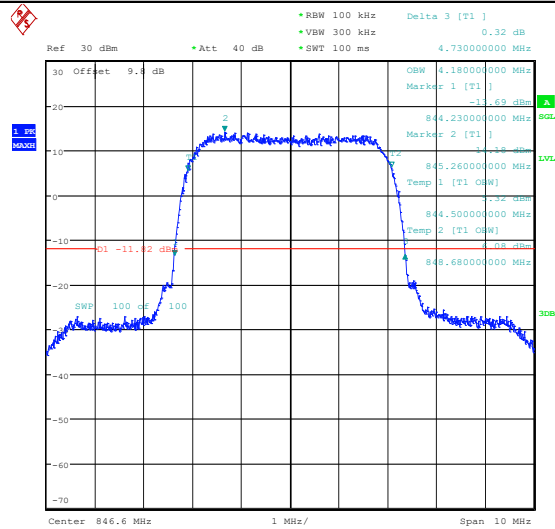


Band5-4233-2-PASS



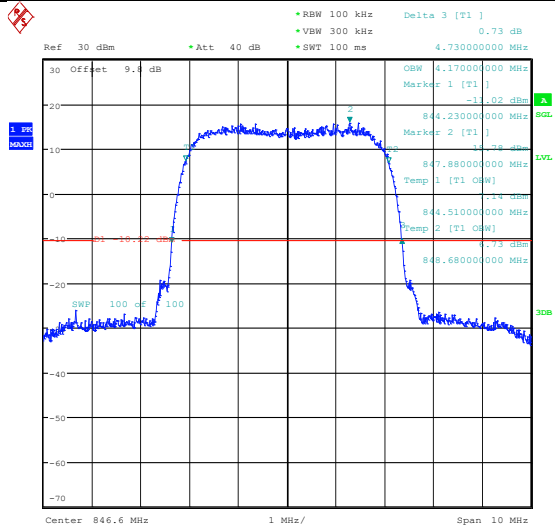
Date: 16.MAR.2025 23:09:24

Band5-4233-3-PASS



Date: 16.MAR.2025 23:12:38

Band5-4233-4-PASS



Date: 16.MAR.2025 23:14:48

Band5-4233-5-PASS

AppendixD:Band Edge

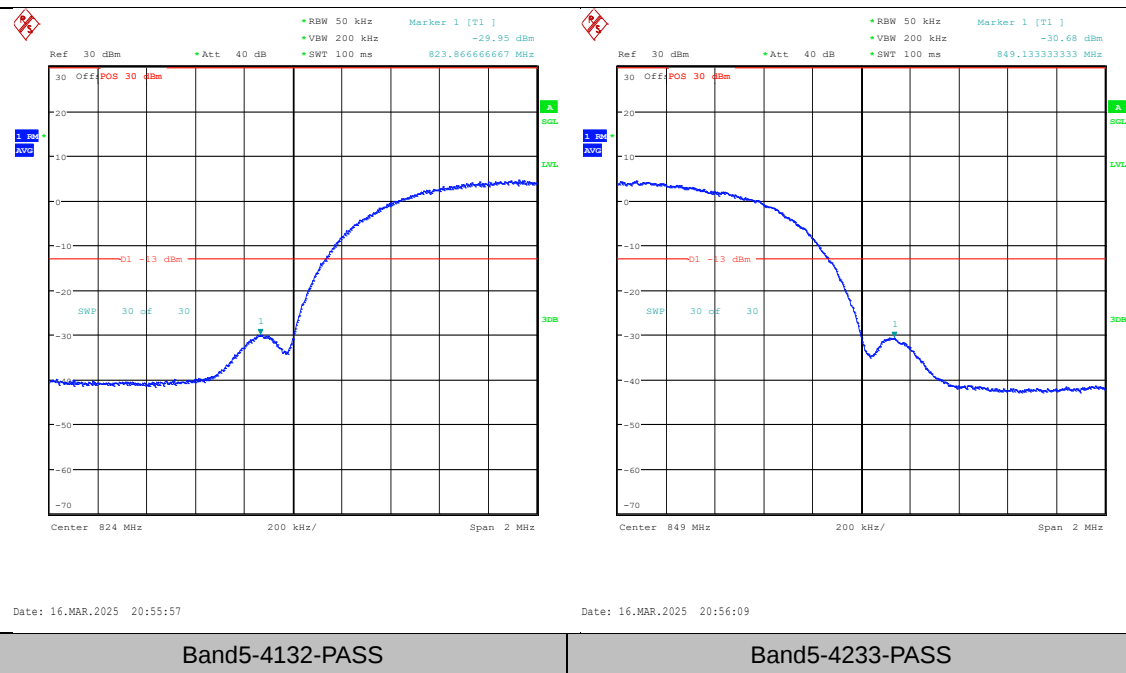
Test Result

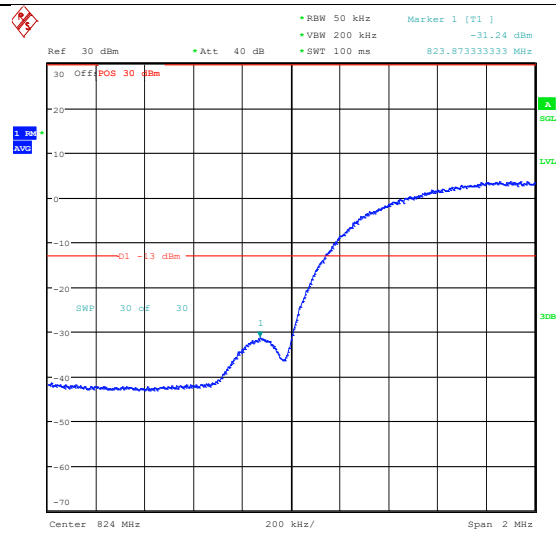
Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band5	4132	823.87	-29.95	-13	PASS
Band5	4233	849.13	-30.68	-13	PASS

Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band5	4132	1	823.87	-31.24	-13	PASS
Band5	4132	2	823.89	-30.25	-13	PASS
Band5	4132	3	823.87	-29.61	-13	PASS
Band5	4132	4	823.87	-29.89	-13	PASS
Band5	4233	1	849.00	-31.96	-13	PASS
Band5	4233	2	849.15	-29.90	-13	PASS
Band5	4233	3	849.11	-29.29	-13	PASS
Band5	4233	4	849.11	-29.13	-13	PASS

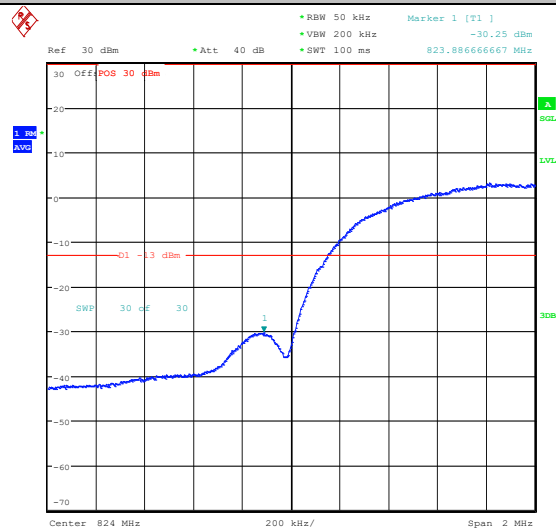
Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band5	4132	1	823.87	-32.25	-13	PASS
Band5	4132	2	823.88	-30.73	-13	PASS
Band5	4132	3	823.89	-31.11	-13	PASS
Band5	4132	4	823.87	-31.48	-13	PASS
Band5	4132	5	823.86	-31.81	-13	PASS
Band5	4233	1	849.14	-32.63	-13	PASS
Band5	4233	2	849.13	-30.21	-13	PASS
Band5	4233	3	849.15	-30.72	-13	PASS
Band5	4233	4	849.11	-31.46	-13	PASS
Band5	4233	5	849.12	-31.81	-13	PASS

Test Graphs

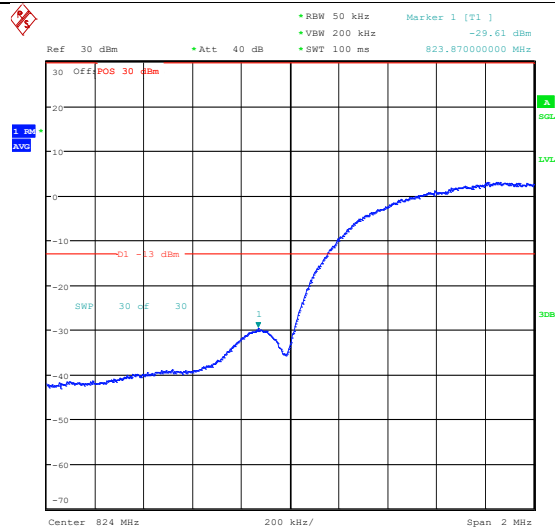




Band5-4132-1-PASS

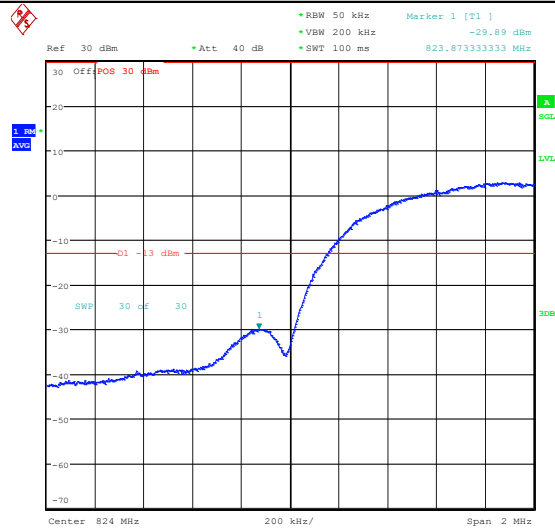


Band5-4132-2-PASS



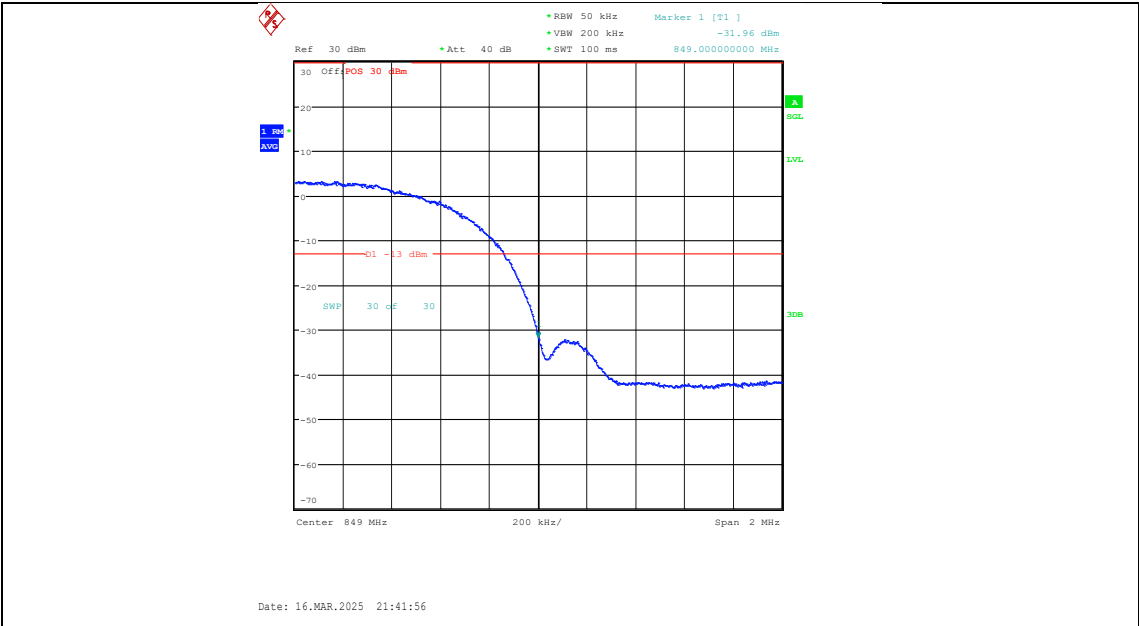
Date: 16.MAR.2025 21:43:26

Band5-4132-3-PASS

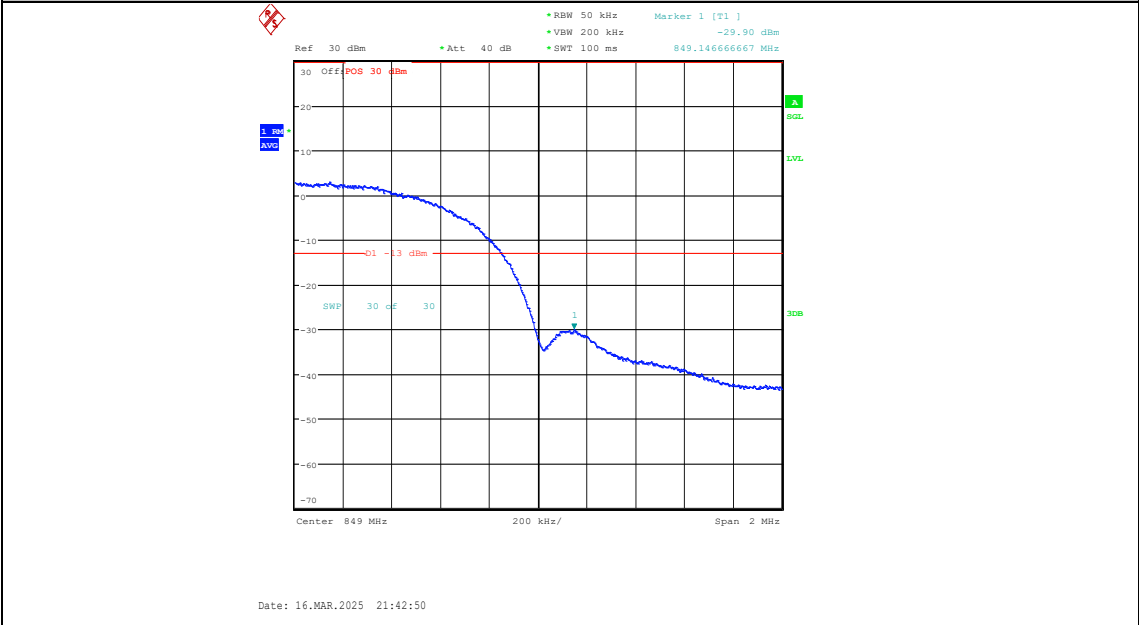


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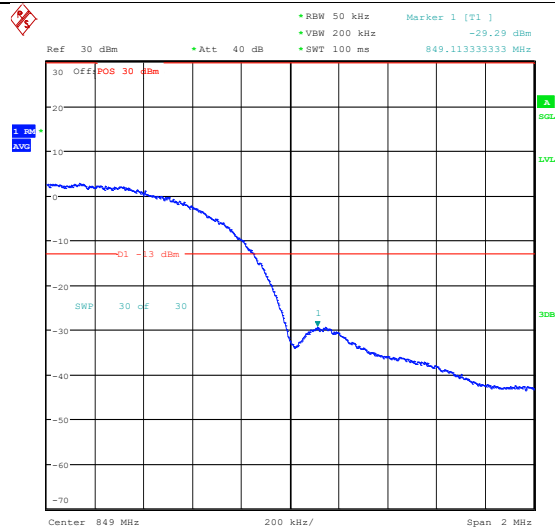
Band5-4132-4-PASS



Band5-4233-1-PASS

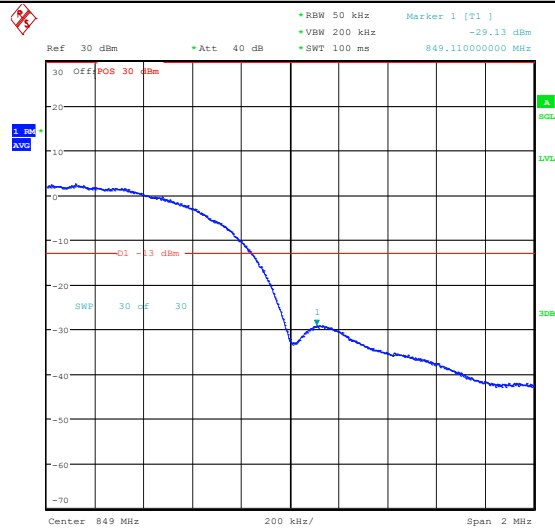


Band5-4233-2-PASS



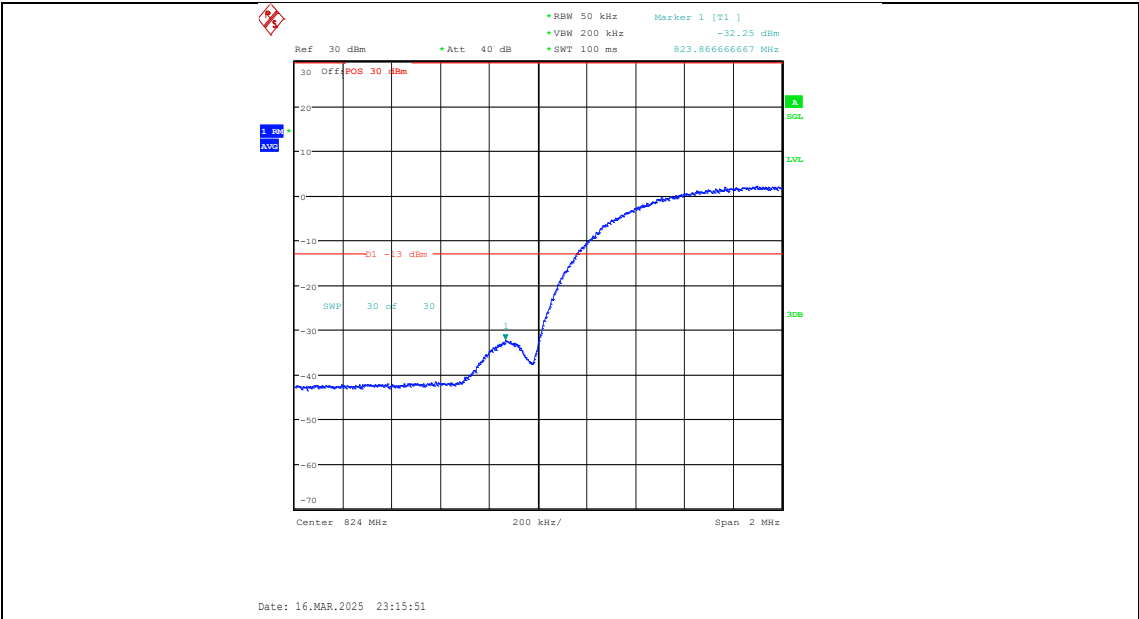
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Band5-4233-3-PASS

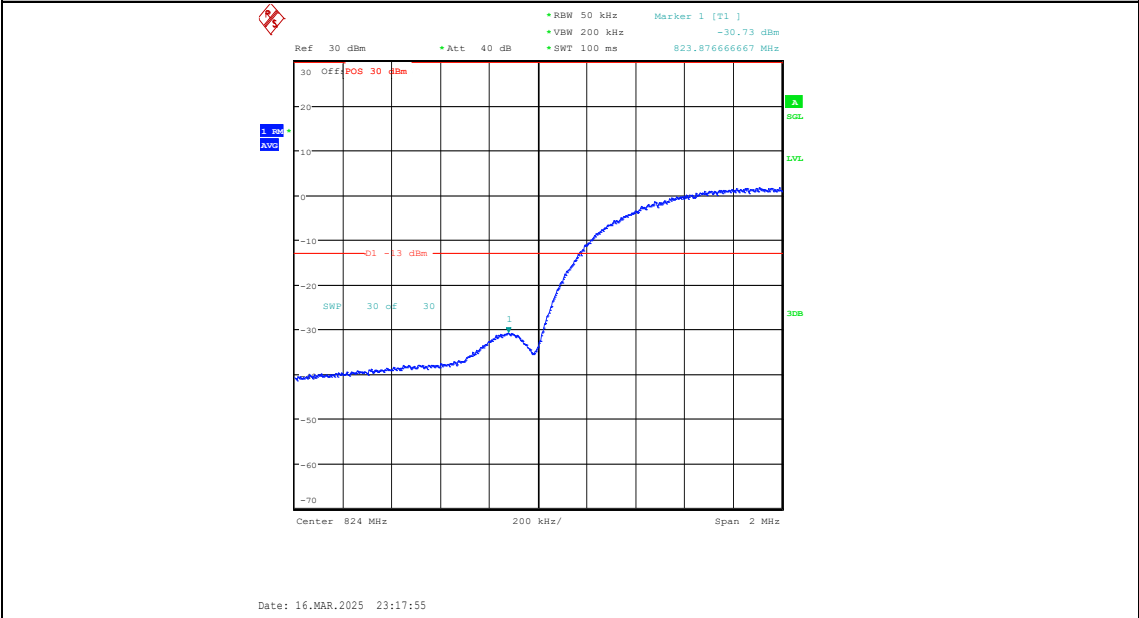


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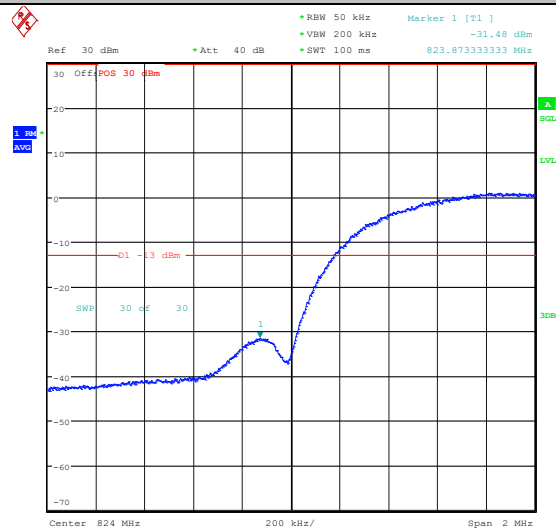
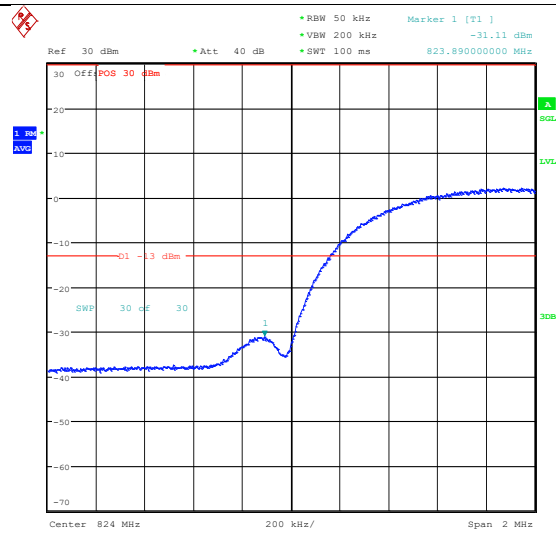
Band5-4233-4-PASS



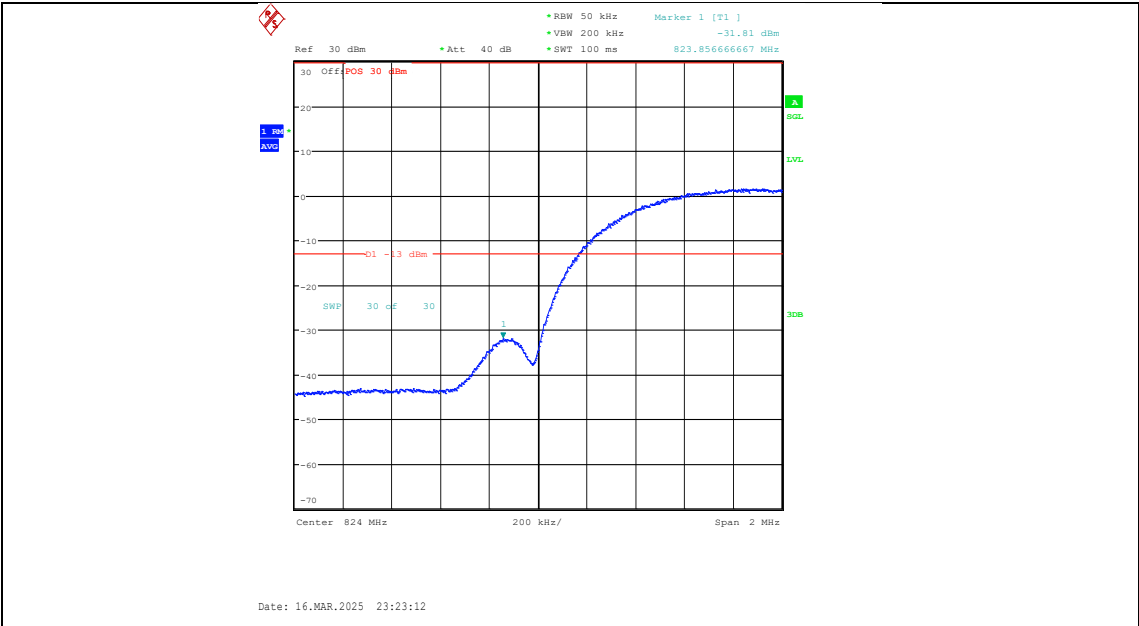
Band5-4132-1-PASS



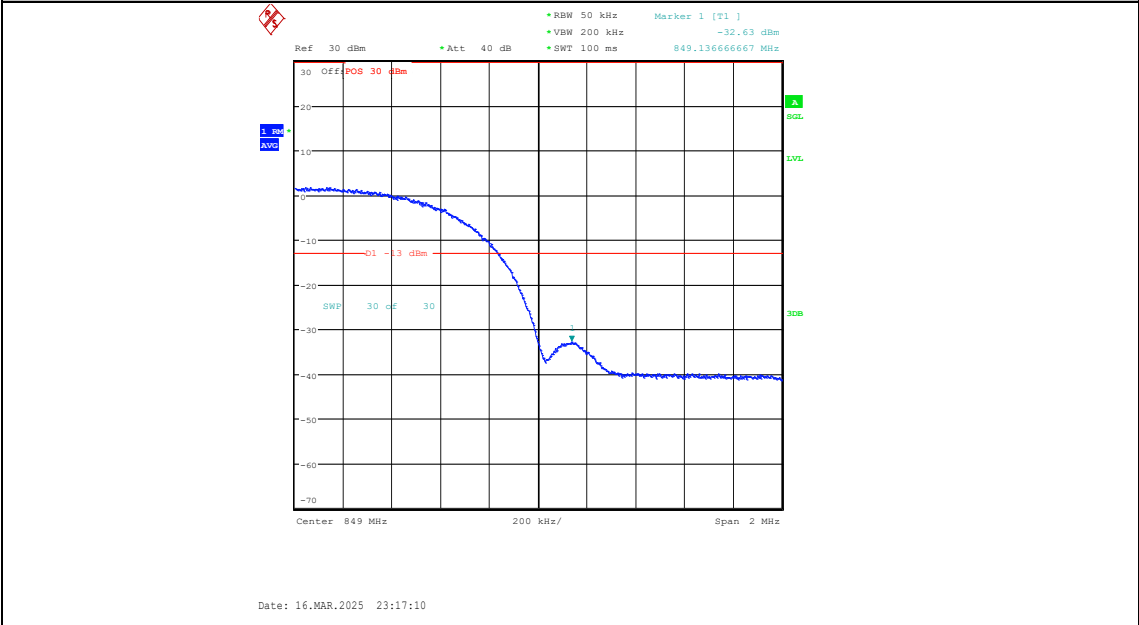
Band5-4132-2-PASS



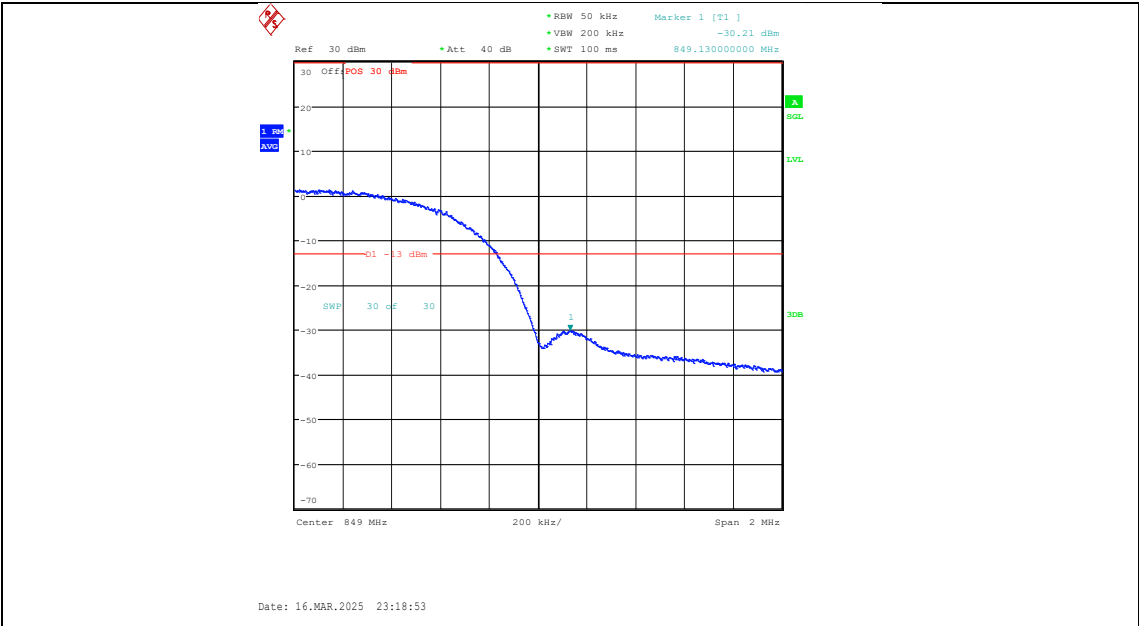
Band5-4132-4-PASS



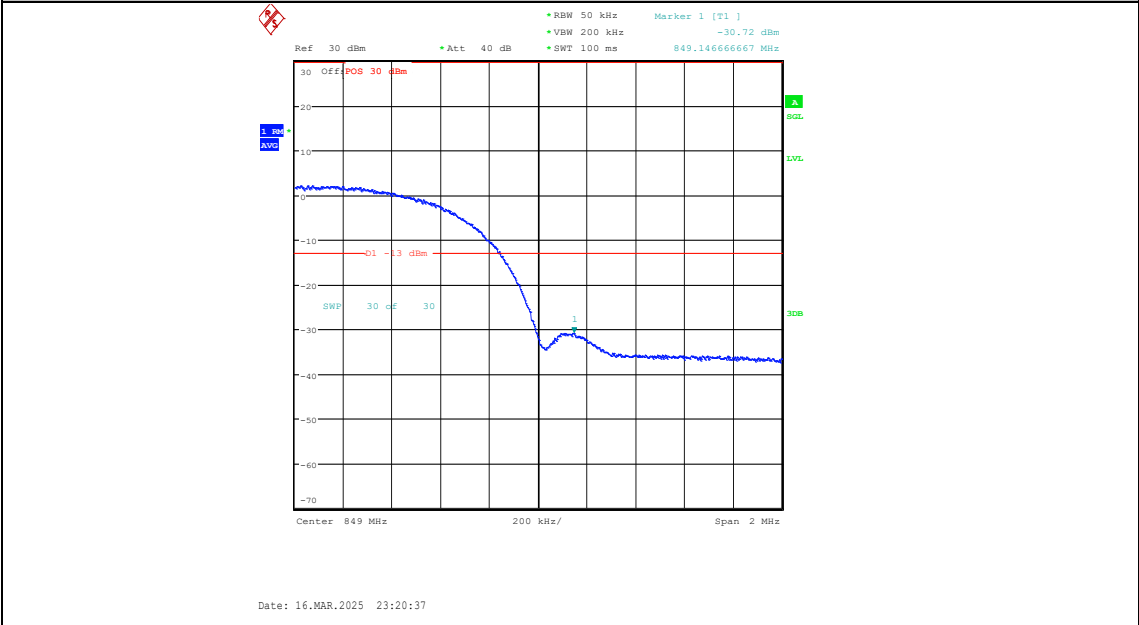
Band5-4132-5-PASS



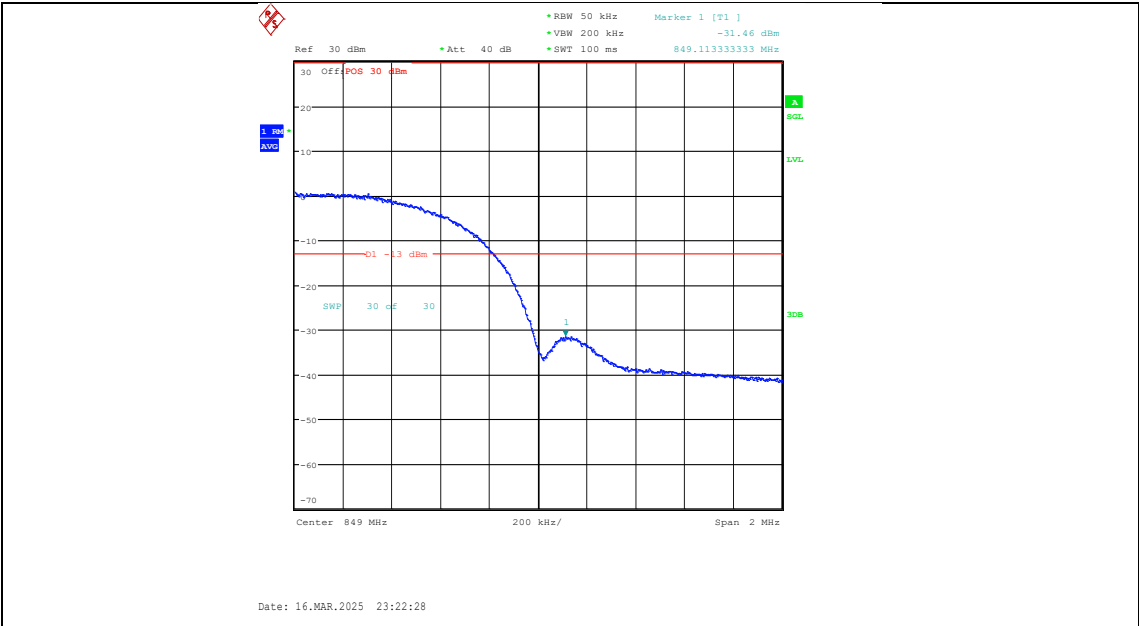
Band5-4233-1-PASS



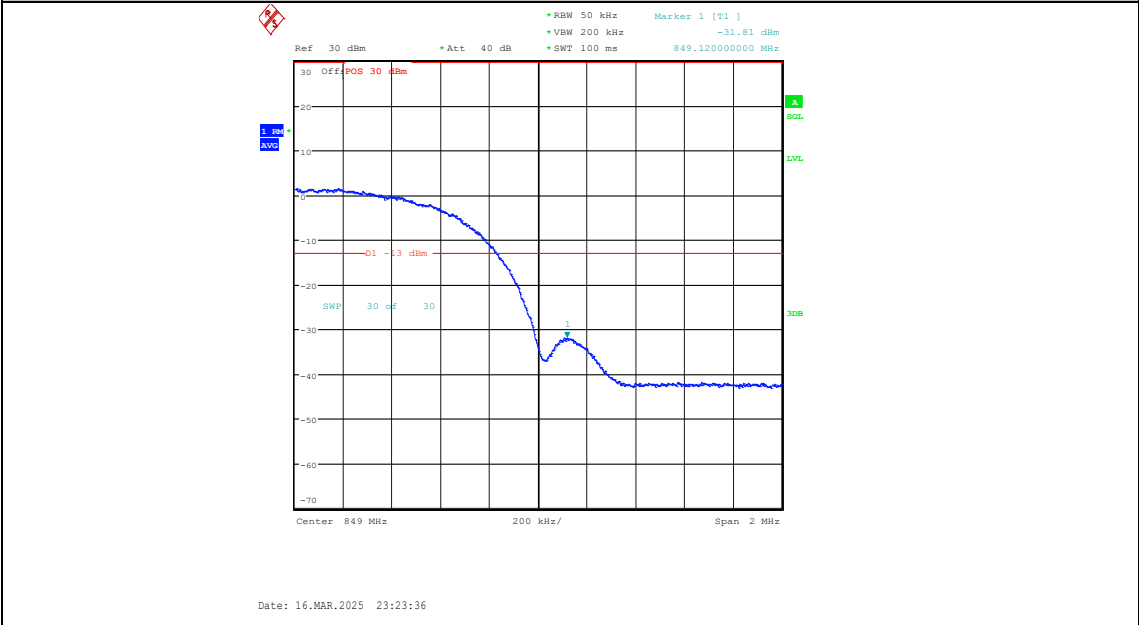
Band5-4233-2-PASS



Band5-4233-3-PASS



Band5-4233-4-PASS



Band5-4233-5-PASS

AppendixE:Conducted SpuriousEmission

Test Result

Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band5	4132	0.009~0.15MHz	0.04	-46.35	-33	PASS
Band5	4132	0.15~30MHz	3.82	-51.79	-23	PASS
Band5	4132	30~1000MHz	379.69	-55.76	-13	PASS
Band5	4132	1000~10000MHz	3191.05	-39.6	-13	PASS
Band5	4182	0.009~0.15MHz	0.04	-49.62	-33	PASS
Band5	4182	0.15~30MHz	3.82	-50.82	-23	PASS
Band5	4182	30~1000MHz	241.46	-55.71	-13	PASS
Band5	4182	1000~10000MHz	3189.7	-39.94	-13	PASS
Band5	4233	0.009~0.15MHz	0.04	-47.02	-33	PASS
Band5	4233	0.15~30MHz	3.82	-50.57	-23	PASS
Band5	4233	30~1000MHz	210.91	-55.73	-13	PASS
Band5	4233	1000~10000MHz	3189.7	-40.12	-13	PASS

Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band5	4132	1	0.009~0.15MHz	0.04	-49.36	-33	PASS
Band5	4132	1	0.15~30MHz	3.82	-48.98	-23	PASS
Band5	4132	1	30~1000MHz	277.35	-55.75	-13	PASS
Band5	4132	1	1000~10000MHz	3194.65	-40.79	-13	PASS
Band5	4132	2	0.009~0.15MHz	0.04	-46.79	-33	PASS
Band5	4132	2	0.15~30MHz	0.96	-36.37	-23	PASS
Band5	4132	2	30~1000MHz	248.74	-55.72	-13	PASS
Band5	4132	2	1000~10000MHz	3192.85	-40.36	-13	PASS
Band5	4132	3	0.009~0.15MHz	0.04	-46.96	-33	PASS
Band5	4132	3	0.15~30MHz	0.96	-32.86	-23	PASS
Band5	4132	3	30~1000MHz	238.55	-55.78	-13	PASS
Band5	4132	3	1000~10000MHz	3191.5	-39.57	-13	PASS
Band5	4132	4	0.009~0.15MHz	0.04	-48.33	-33	PASS
Band5	4132	4	0.15~30MHz	0.96	-32.55	-23	PASS
Band5	4132	4	30~1000MHz	219.64	-55.71	-13	PASS
Band5	4132	4	1000~10000MHz	3191.05	-39.94	-13	PASS
Band5	4182	1	0.009~0.15MHz	0.04	-48.7	-33	PASS
Band5	4182	1	0.15~30MHz	3.82	-49.35	-23	PASS
Band5	4182	1	30~1000MHz	215.76	-55.83	-13	PASS
Band5	4182	1	1000~10000MHz	3193.75	-40.1	-13	PASS
Band5	4182	2	0.009~0.15MHz	0.04	-46.71	-33	PASS
Band5	4182	2	0.15~30MHz	0.96	-35.46	-23	PASS

Band5	4182	2	30~1000MHz	229.82	-55.74	-13	PASS
Band5	4182	2	1000~10000MHz	3191.95	-39.83	-13	PASS
Band5	4182	3	0.009~0.15MHz	0.04	-48.97	-33	PASS
Band5	4182	3	0.15~30MHz	0.96	-32.45	-23	PASS
Band5	4182	3	30~1000MHz	189.08	-55.66	-13	PASS
Band5	4182	3	1000~10000MHz	3191.05	-40.18	-13	PASS
Band5	4182	4	0.009~0.15MHz	0.04	-47.39	-33	PASS
Band5	4182	4	0.15~30MHz	0.96	-32.12	-23	PASS
Band5	4182	4	30~1000MHz	202.66	-55.73	-13	PASS
Band5	4182	4	1000~10000MHz	3190.6	-40.03	-13	PASS
Band5	4233	1	0.009~0.15MHz	0.04	-45.84	-33	PASS
Band5	4233	1	0.15~30MHz	3.82	-46.43	-23	PASS
Band5	4233	1	30~1000MHz	239.04	-55.76	-13	PASS
Band5	4233	1	1000~10000MHz	3193.3	-39.92	-13	PASS
Band5	4233	2	0.009~0.15MHz	0.04	-49.3	-33	PASS
Band5	4233	2	0.15~30MHz	0.96	-34.67	-23	PASS
Band5	4233	2	30~1000MHz	250.68	-55.75	-13	PASS
Band5	4233	2	1000~10000MHz	3191.95	-39.71	-13	PASS
Band5	4233	3	0.009~0.15MHz	0.04	-47.73	-33	PASS
Band5	4233	3	0.15~30MHz	0.96	-32.29	-23	PASS
Band5	4233	3	30~1000MHz	243.4	-55.64	-13	PASS
Band5	4233	3	1000~10000MHz	3190.6	-38.96	-13	PASS
Band5	4233	4	0.009~0.15MHz	0.04	-47.74	-33	PASS
Band5	4233	4	0.15~30MHz	0.96	-31.61	-23	PASS
Band5	4233	4	30~1000MHz	208.48	-55.76	-13	PASS
Band5	4233	4	1000~10000MHz	3190.15	-39.79	-13	PASS

Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band5	4132	1	0.009~0.15MHz	0.04	-45.43	-33	PASS
Band5	4132	1	0.15~30MHz	0.15	-57.94	-23	PASS
Band5	4132	1	30~1000MHz	223.52	-55.65	-13	PASS
Band5	4132	1	1000~10000MHz	3196.9	-40.46	-13	PASS
Band5	4132	2	0.009~0.15MHz	0.04	-45.45	-33	PASS
Band5	4132	2	0.15~30MHz	0.96	-48.19	-23	PASS
Band5	4132	2	30~1000MHz	240.98	-55.72	-13	PASS
Band5	4132	2	1000~10000MHz	3192.85	-40.4	-13	PASS
Band5	4132	3	0.009~0.15MHz	0.04	-46.71	-33	PASS
Band5	4132	3	0.15~30MHz	0.96	-52.03	-23	PASS
Band5	4132	3	30~1000MHz	227.4	-55.79	-13	PASS
Band5	4132	3	1000~10000MHz	3191.05	-39.19	-13	PASS
Band5	4132	4	0.009~0.15MHz	0.04	-46.37	-33	PASS

Band5	4132	4	0.15~30MHz	0.96	-44.98	-23	PASS
Band5	4132	4	30~1000MHz	246.31	-55.61	-13	PASS
Band5	4132	4	1000~10000MHz	3189.25	-39.8	-13	PASS
Band5	4132	5	0.009~0.15MHz	0.04	-45.57	-33	PASS
Band5	4132	5	0.15~30MHz	0.15	-57.78	-23	PASS
Band5	4132	5	30~1000MHz	222.55	-55.7	-13	PASS
Band5	4132	5	1000~10000MHz	3188.35	-40.2	-13	PASS
Band5	4182	1	0.009~0.15MHz	0.04	-46.47	-33	PASS
Band5	4182	1	0.15~30MHz	3.82	-51.64	-23	PASS
Band5	4182	1	30~1000MHz	340.89	-55.68	-13	PASS
Band5	4182	1	1000~10000MHz	3194.65	-40.46	-13	PASS
Band5	4182	2	0.009~0.15MHz	0.04	-45.64	-33	PASS
Band5	4182	2	0.15~30MHz	0.96	-49.57	-23	PASS
Band5	4182	2	30~1000MHz	249.22	-55.66	-13	PASS
Band5	4182	2	1000~10000MHz	3192.4	-40.65	-13	PASS
Band5	4182	3	0.009~0.15MHz	0.04	-46.62	-33	PASS
Band5	4182	3	0.15~30MHz	0.96	-51.92	-23	PASS
Band5	4182	3	30~1000MHz	240.01	-55.71	-13	PASS
Band5	4182	3	1000~10000MHz	3190.15	-40.27	-13	PASS
Band5	4182	4	0.009~0.15MHz	0.04	-49.88	-33	PASS
Band5	4182	4	0.15~30MHz	0.96	-42.76	-23	PASS
Band5	4182	4	30~1000MHz	194.9	-55.75	-13	PASS
Band5	4182	4	1000~10000MHz	3188.8	-39.01	-13	PASS
Band5	4182	5	0.009~0.15MHz	0.04	-46.64	-33	PASS
Band5	4182	5	0.15~30MHz	0.48	-36.63	-23	PASS
Band5	4182	5	30~1000MHz	338.95	-55.67	-13	PASS
Band5	4182	5	1000~10000MHz	3188.35	-39.68	-13	PASS
Band5	4233	1	0.009~0.15MHz	0.04	-46.78	-33	PASS
Band5	4233	1	0.15~30MHz	3.82	-53.21	-23	PASS
Band5	4233	1	30~1000MHz	231.28	-55.68	-13	PASS
Band5	4233	1	1000~10000MHz	3193.3	-40.95	-13	PASS
Band5	4233	2	0.009~0.15MHz	0.04	-46.54	-33	PASS
Band5	4233	2	0.15~30MHz	0.96	-45.77	-23	PASS
Band5	4233	2	30~1000MHz	194.9	-55.75	-13	PASS
Band5	4233	2	1000~10000MHz	3191.5	-40.28	-13	PASS
Band5	4233	3	0.009~0.15MHz	0.04	-46.17	-33	PASS
Band5	4233	3	0.15~30MHz	0.96	-51.73	-23	PASS
Band5	4233	3	30~1000MHz	225.94	-55.64	-13	PASS
Band5	4233	3	1000~10000MHz	3189.7	-39.58	-13	PASS
Band5	4233	4	0.009~0.15MHz	0.04	-47.23	-33	PASS
Band5	4233	4	0.15~30MHz	0.93	-48.02	-23	PASS
Band5	4233	4	30~1000MHz	229.82	-55.66	-13	PASS
Band5	4233	4	1000~10000MHz	3188.35	-39.63	-13	PASS

Band5	4233	5	0.009~0.15MHz	0.04	-47.36	-33	PASS
Band5	4233	5	0.15~30MHz	0.45	-39.33	-23	PASS
Band5	4233	5	30~1000MHz	377.75	-55.82	-13	PASS
Band5	4233	5	1000~10000MHz	3188.35	-39.53	-13	PASS

Ref 0 dBmAtt 35 dBRBW 1 kHzVBW 3 kHzSWT 1 sMarker 1 [T1]-46.35 dBm38.328000000 kHz

Offset 7.3 dB

1 pkAVG

10 cF10

1

01 -33 dBm

Start 9 kHz14.1 kHz/Stop 150 kHz

1 pkAVG

10 cF10

1

01 -33 dBm

Start 9 kHz14.1 kHz/Stop 150 kHz

Ref 10 dBmAtt 35 dBRBW 10 kHzVBW 30 kHzSWT 1 sMarker 1 [T1]-51.79 dBm3.821550000 MHz

Offset 7.3 dB

1 pkAVG

10 cF10

1

01 -23 dBm

Start 150 kHz2.985 MHz/Stop 30 MHz

1 pkAVG

10 cF10

1

01 -23 dBm

Start 150 kHz2.985 MHz/Stop 30 MHz

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Date: 16.MAR.2025 20:56:56

Band5-4132-0.009~0.15MHz-PASS

Band5-4132-0.15~30MHz-PASS

Ref 25 dBmAtt 35 dBRBW 100 kHzVBW 300 kHzSWT 1 sMarker 1 [T1]-55.76 dBm379.685000000 MHz

Offset 7.4 dB

1 pkAVG

10 cF10

1

01 -13 dBm

Start 30 MHz97 MHz/Stop 1 GHz

1 pkAVG

10 cF10

1

01 -13 dBm

Start 30 MHz97 MHz/Stop 1 GHz

Ref 25 dBmAtt 35 dBRBW 1 MHzVBW 3 MHzSWT 1 sMarker 1 [T1]-39.60 dBm3.191050000 GHz

Offset 10 dB

1 pkAVG

10 cF10

1

01 -13 dBm

Start 1 GHz900 MHz/Stop 10 GHz

1 pkAVG

10 cF10

1

01 -13 dBm

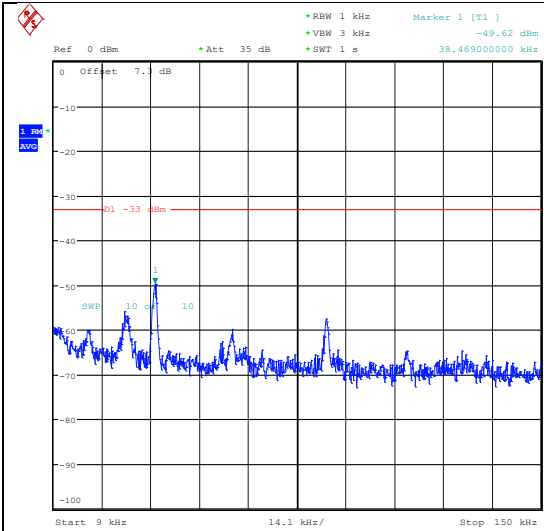
Start 1 GHz900 MHz/Stop 10 GHz

Date: 16.MAR.2025 20:57:10

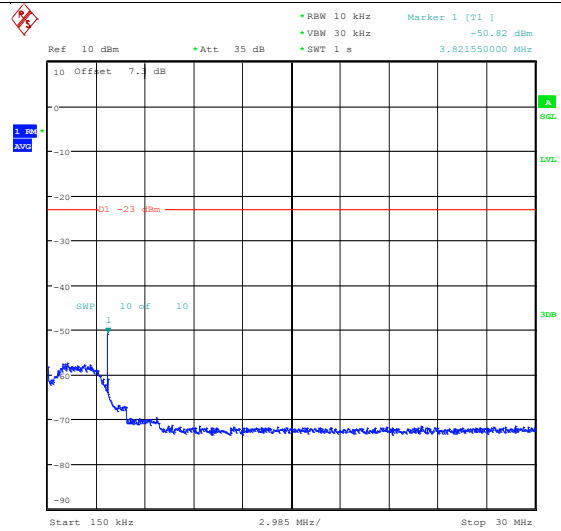
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Band5-4132-30~1000MHz-PASS

Band5-4132-1000~10000MHz-PASS

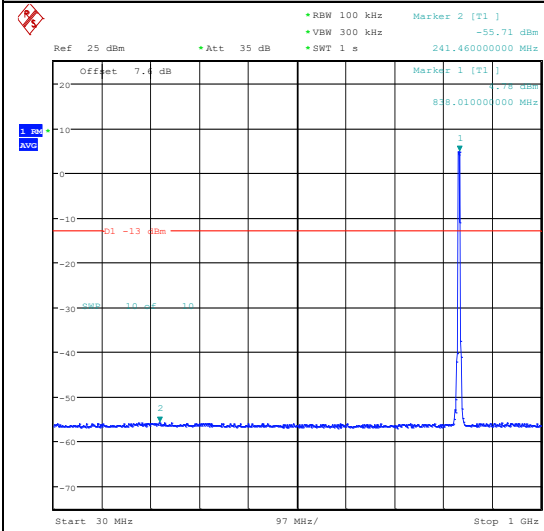


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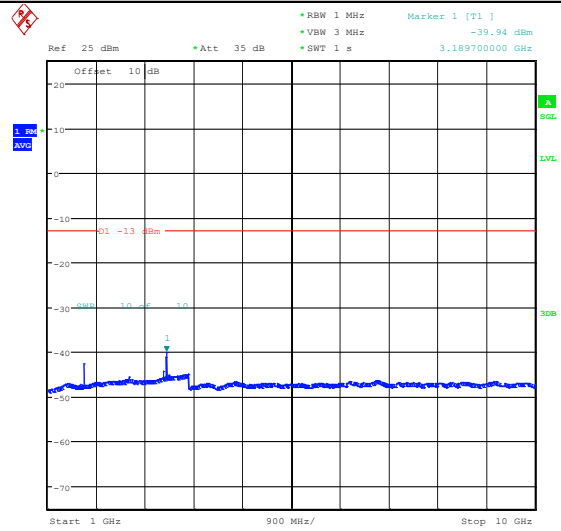


Date: 16.MAR.2025 20:58:02

Band5-4182-0.009-0.15MHz-PASS



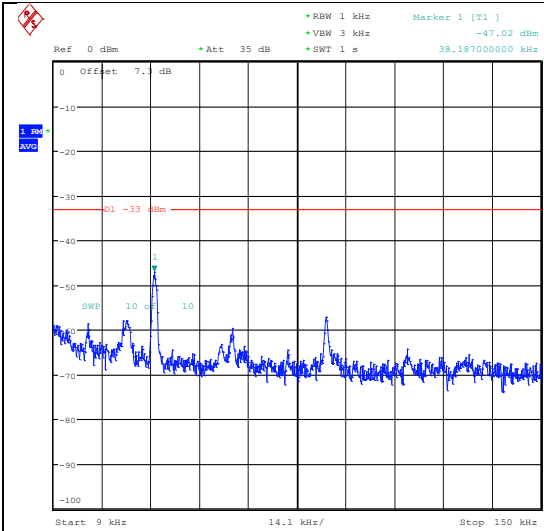
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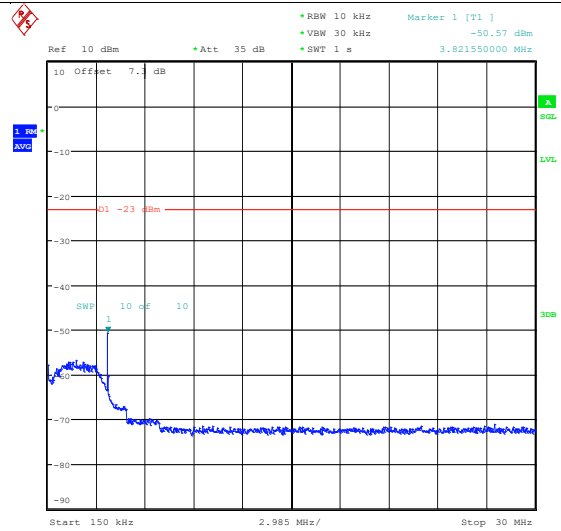
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Band5-4182-30-1000MHz-PASS

Band5-4182-1000-10000MHz-PASS

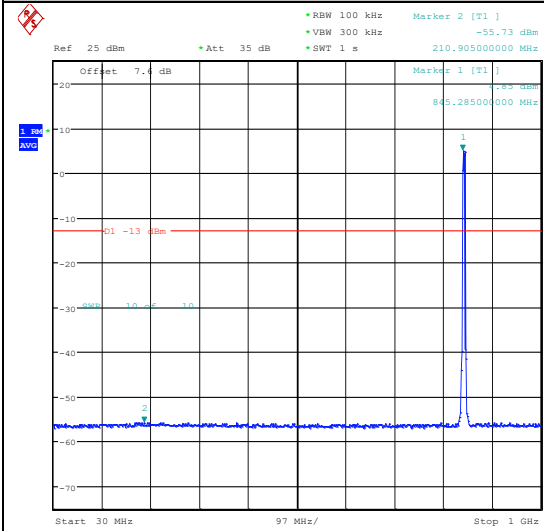


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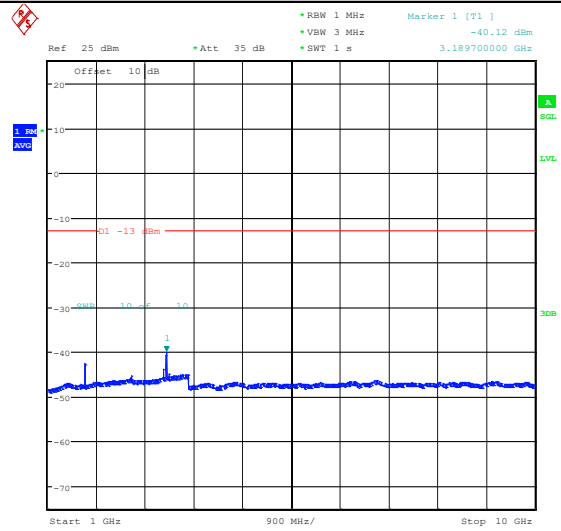


Date: 16.MAR.2025 20:59:08

Band5-4233-0.009-0.15MHz-PASS	Band5-4233-0.15-30MHz-PASS
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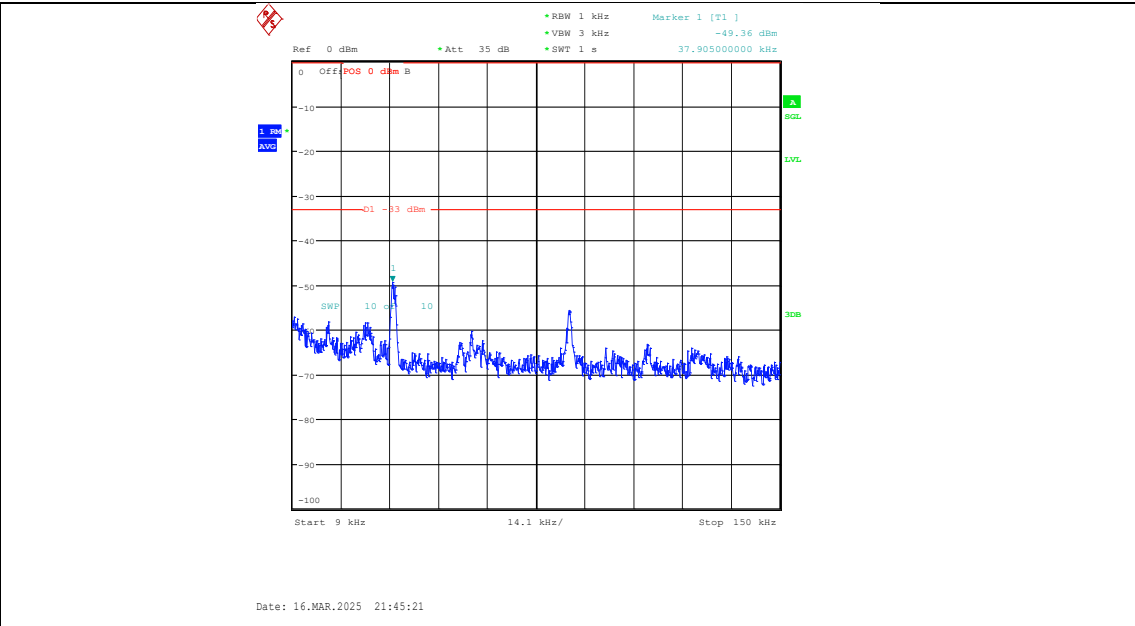


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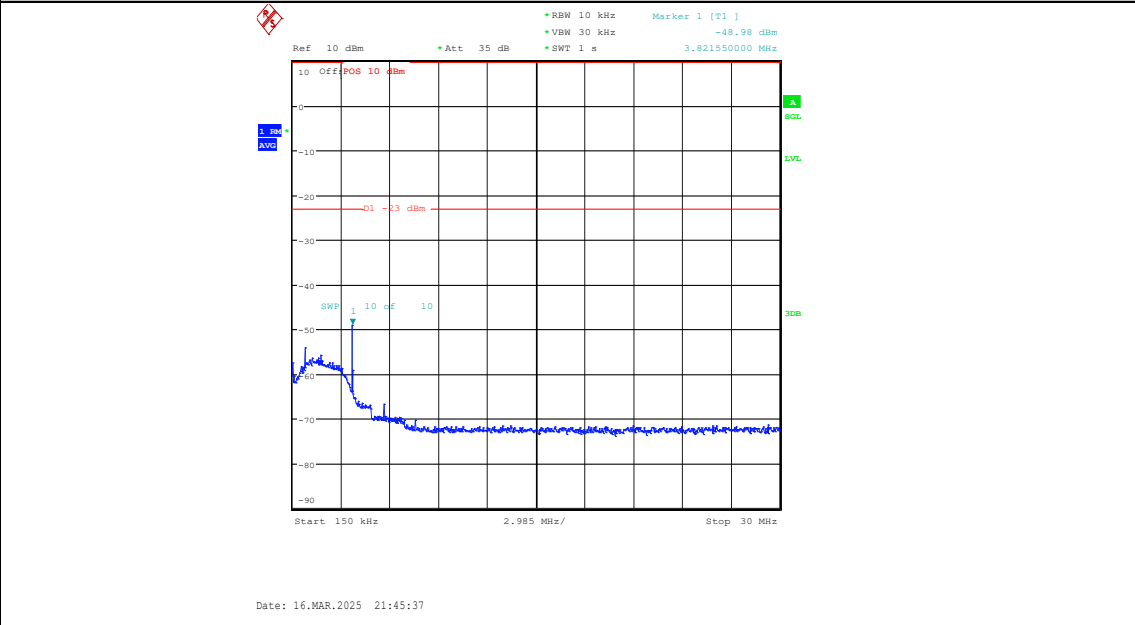


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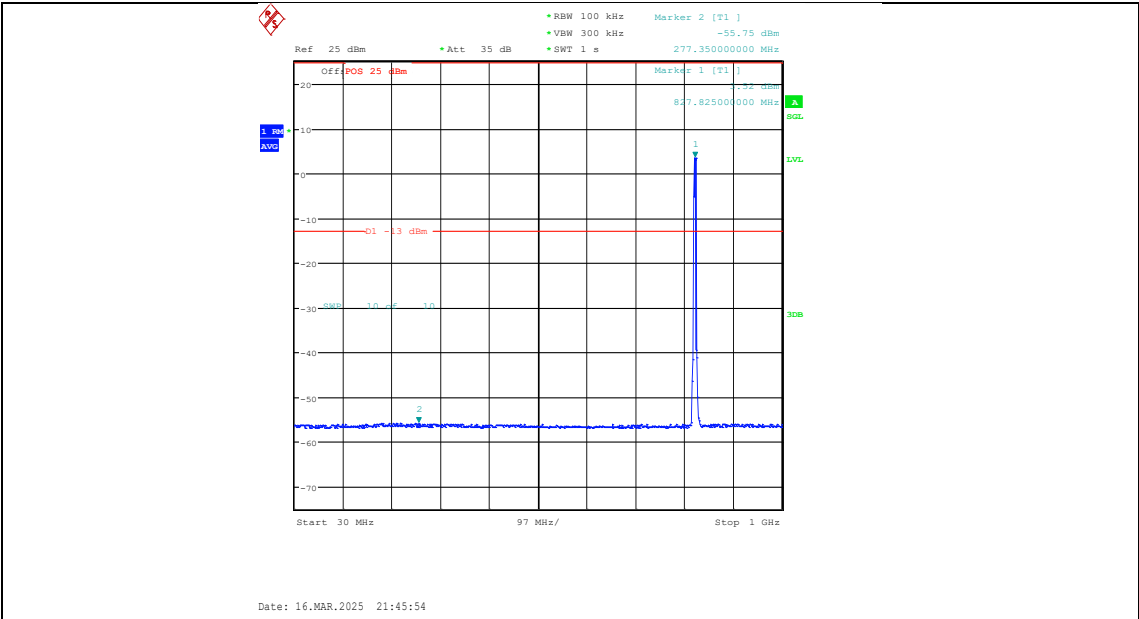
Band5-4233-30-1000MHz-PASS	Band5-4233-1000-10000MHz-PASS
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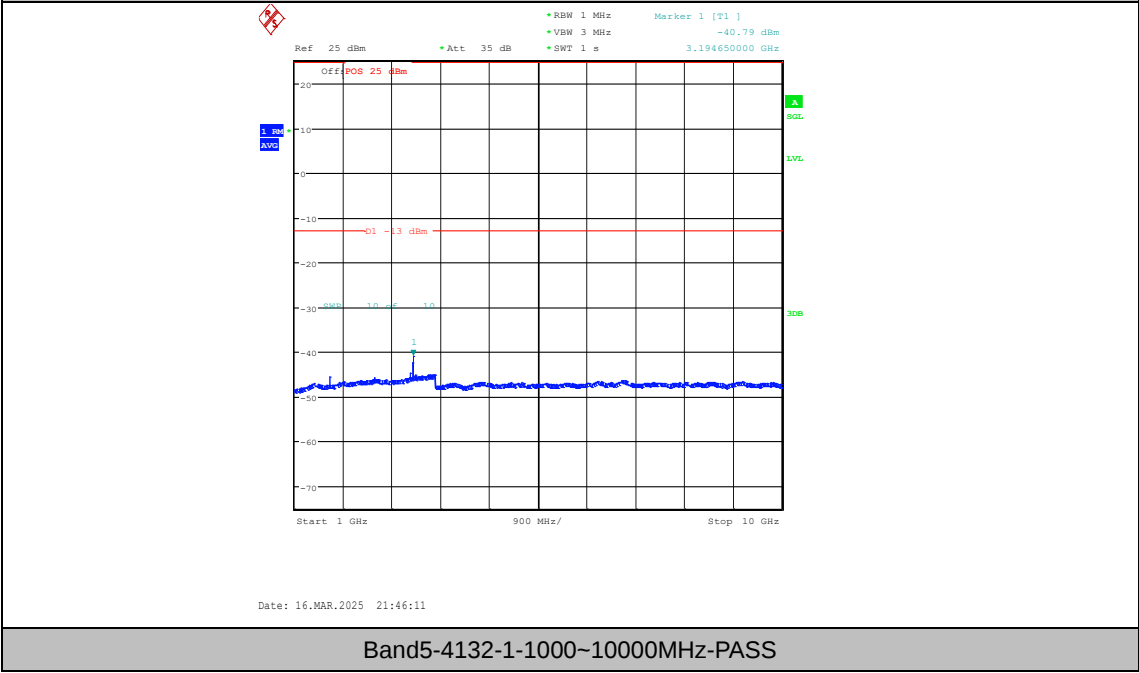
Band5-4132-1-0.009~0.15MHz-PASS



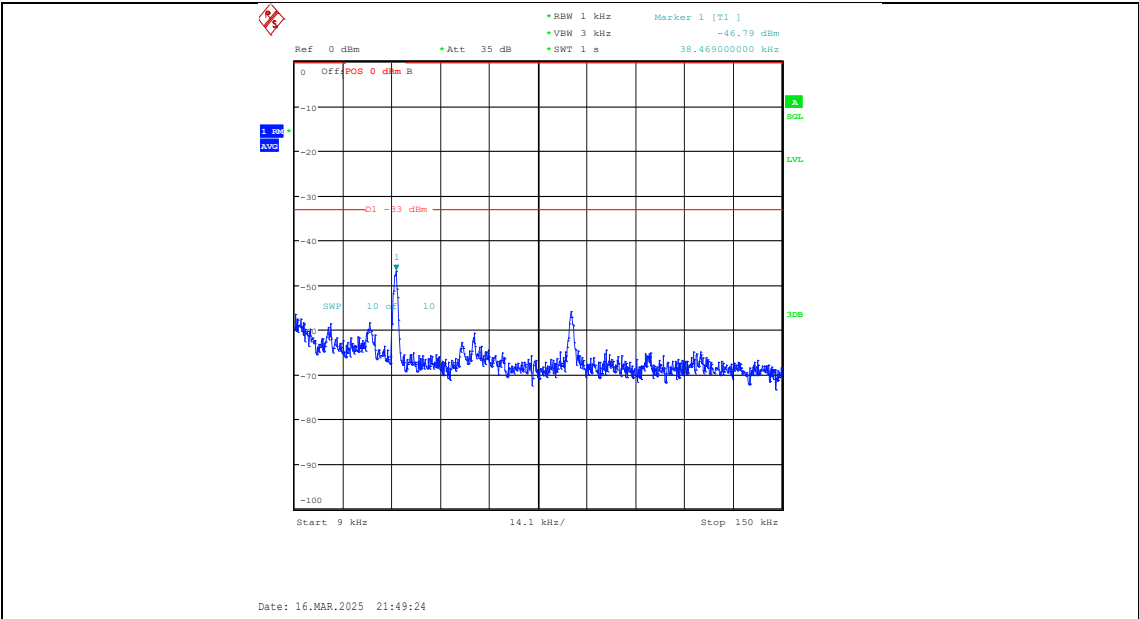
Band5-4132-1-0.15~30MHz-PASS



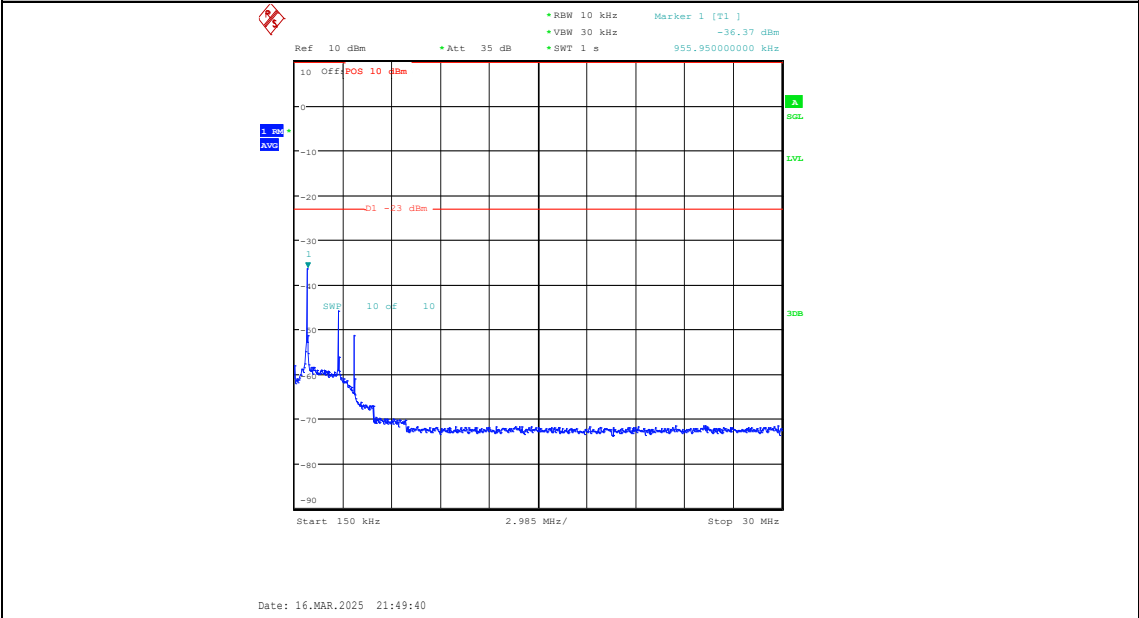
Band5-4132-1-30~1000MHz-PASS



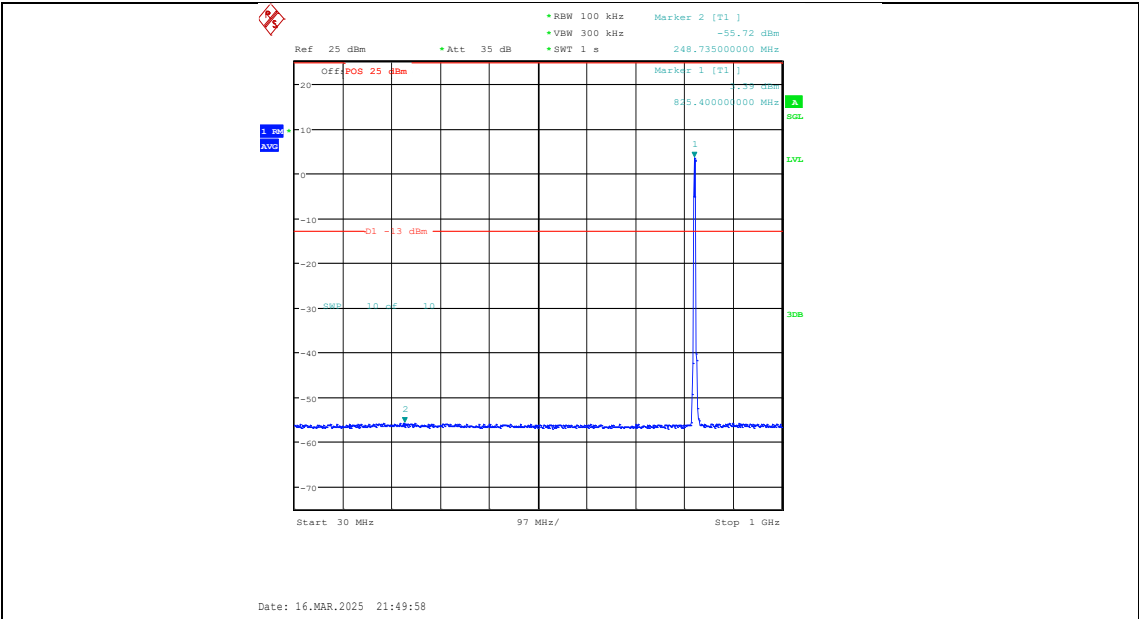
Band5-4132-1-1000~10000MHz-PASS



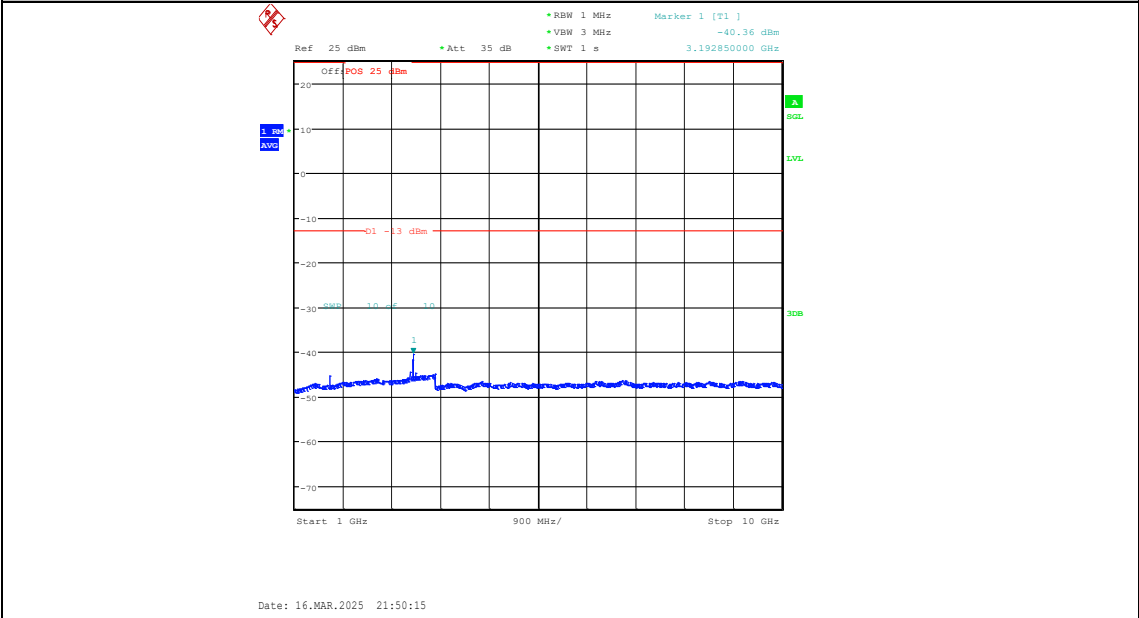
Band5-4132-2-0.009~0.15MHz-PASS



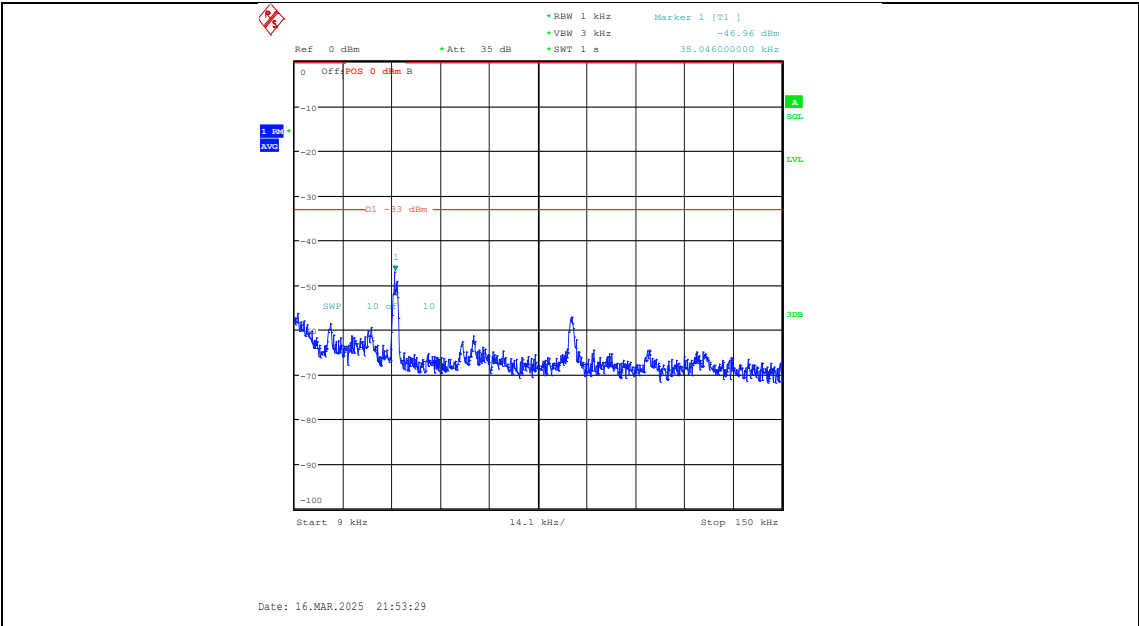
Band5-4132-2-0.15~30MHz-PASS



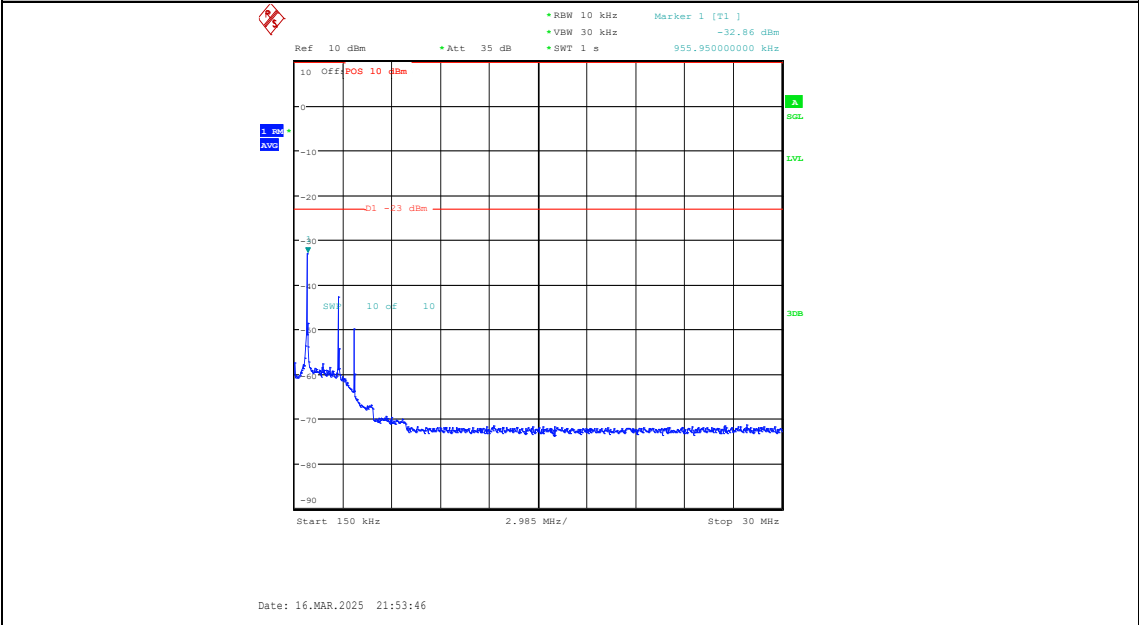
Band5-4132-2-30~1000MHz-PASS



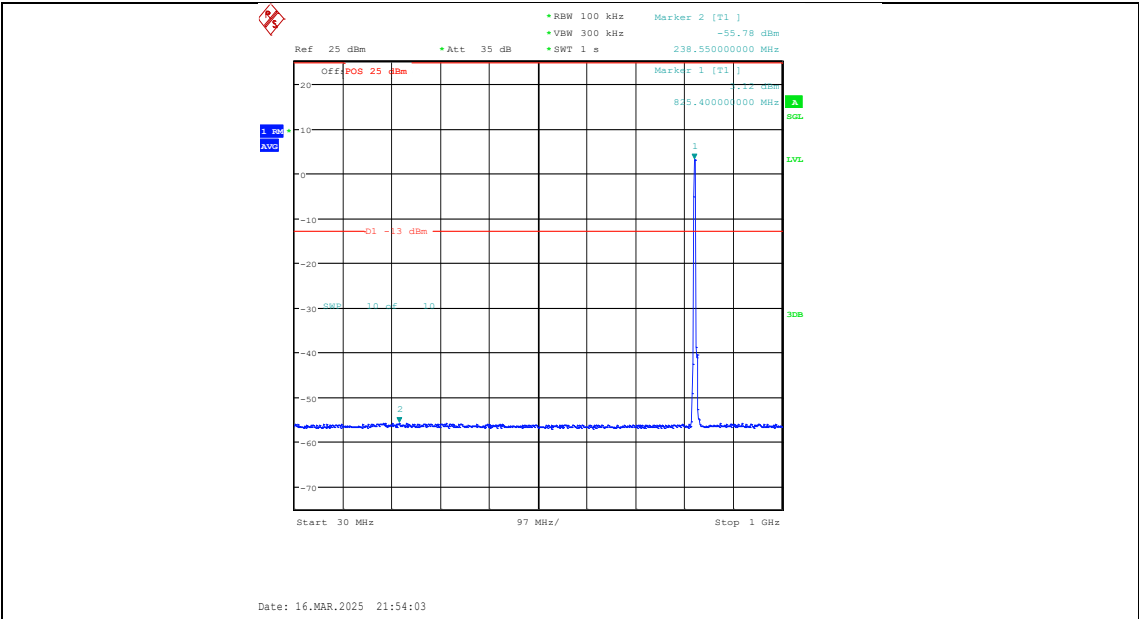
Band5-4132-2-1000~10000MHz-PASS



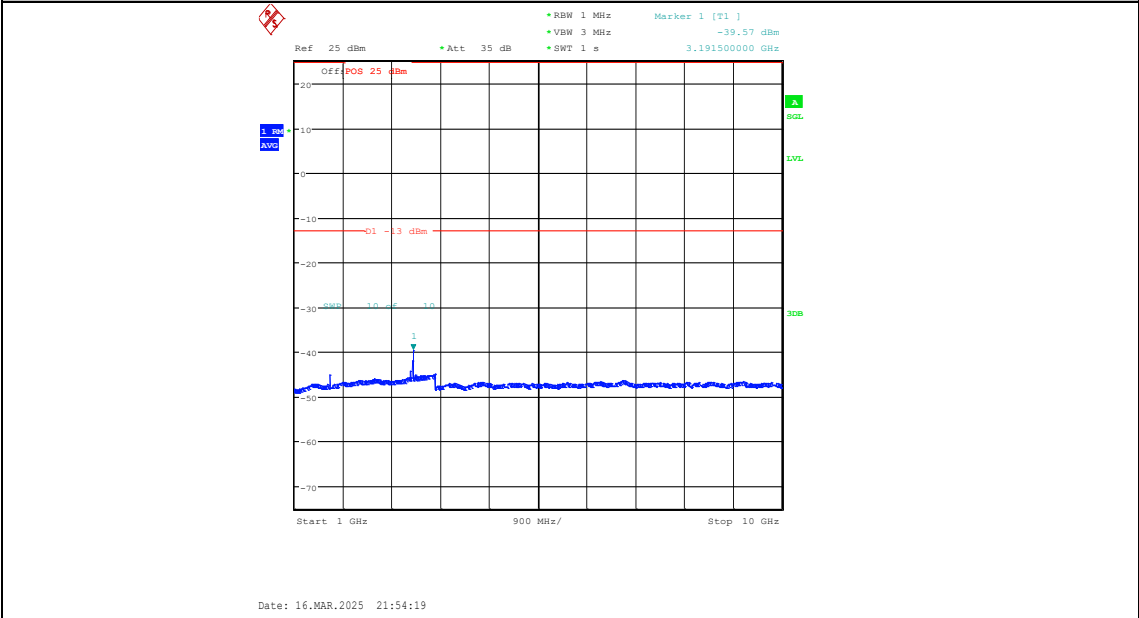
Band5-4132-3-0.009~0.15MHz-PASS



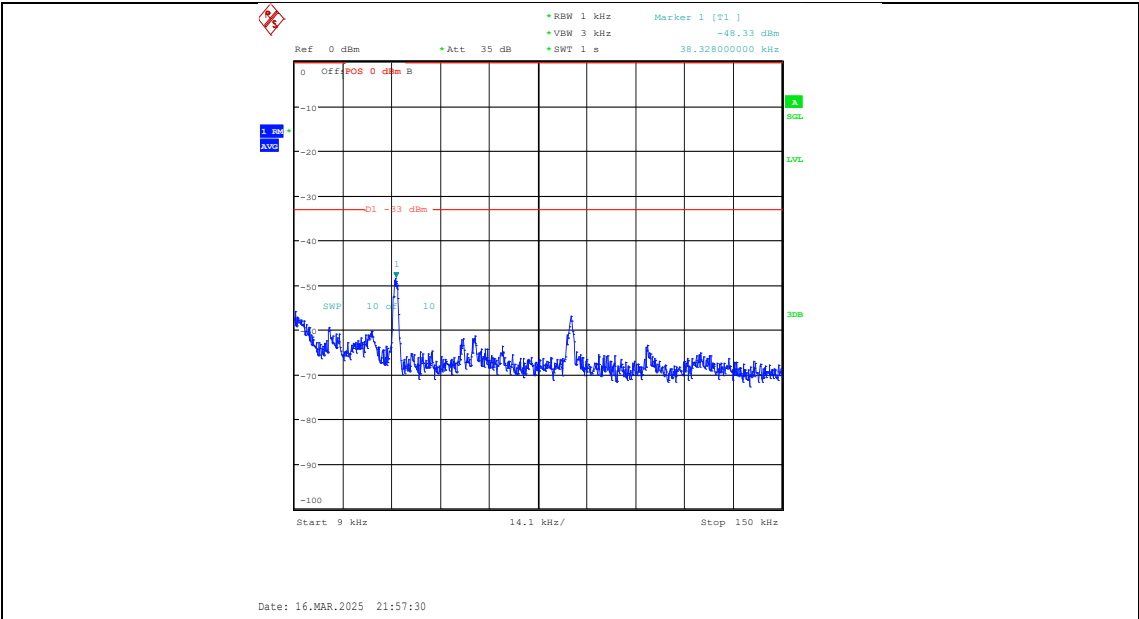
Band5-4132-3-0.15~30MHz-PASS



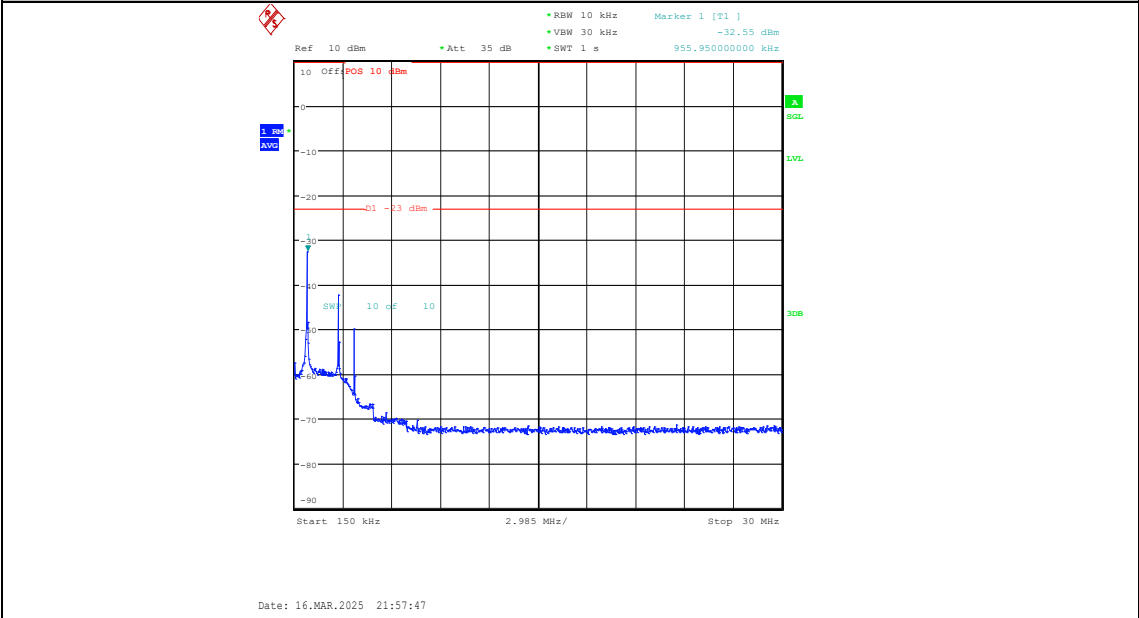
Band5-4132-3-30~1000MHz-PASS



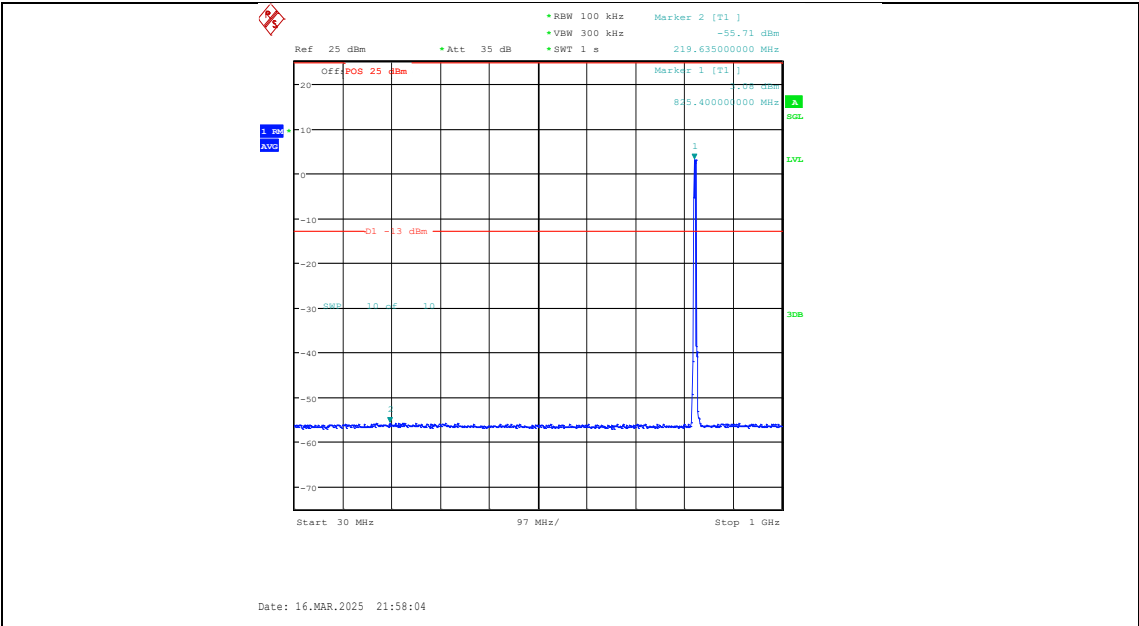
Band5-4132-3-1000~10000MHz-PASS



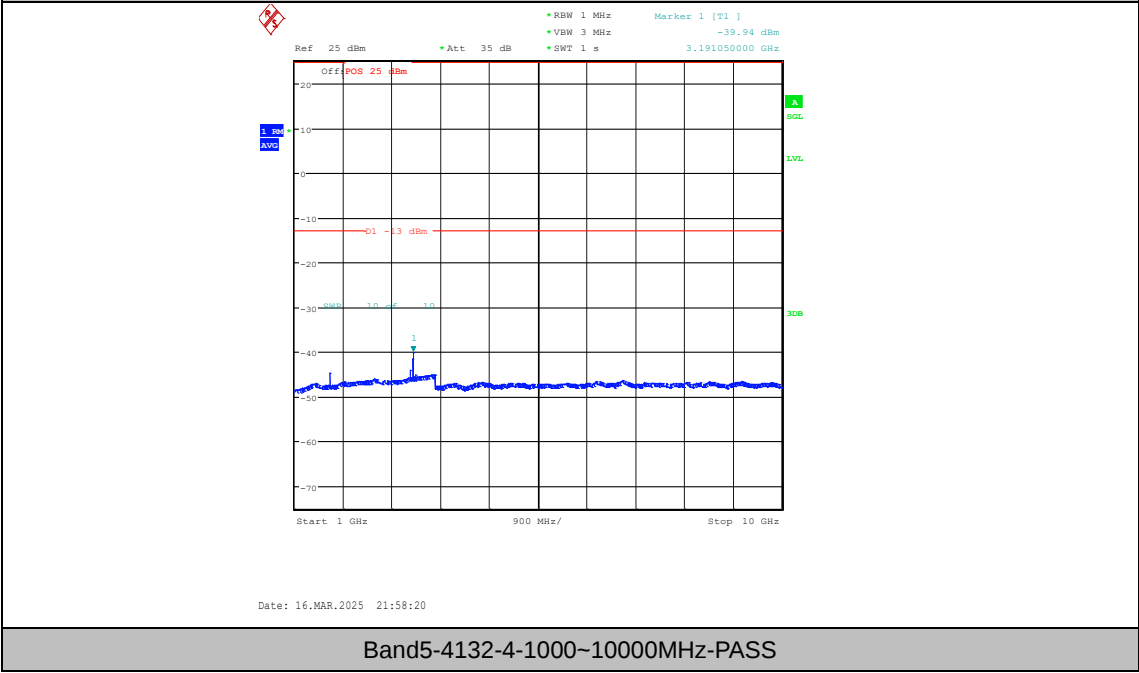
Band5-4132-4-0.009~0.15MHz-PASS



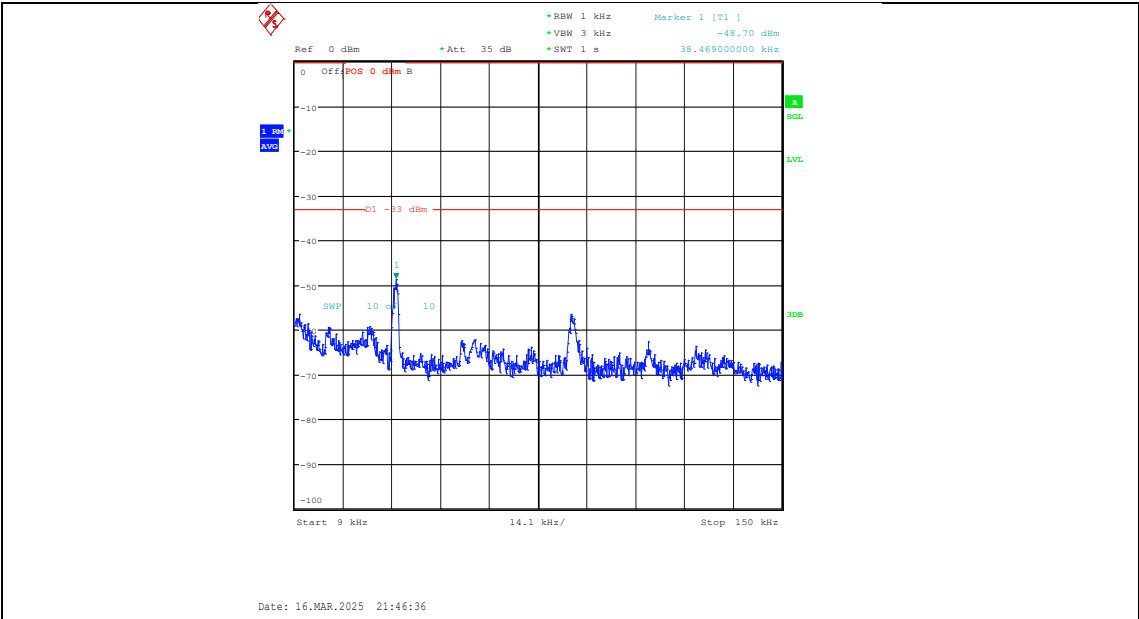
Band5-4132-4-0.15~30MHz-PASS



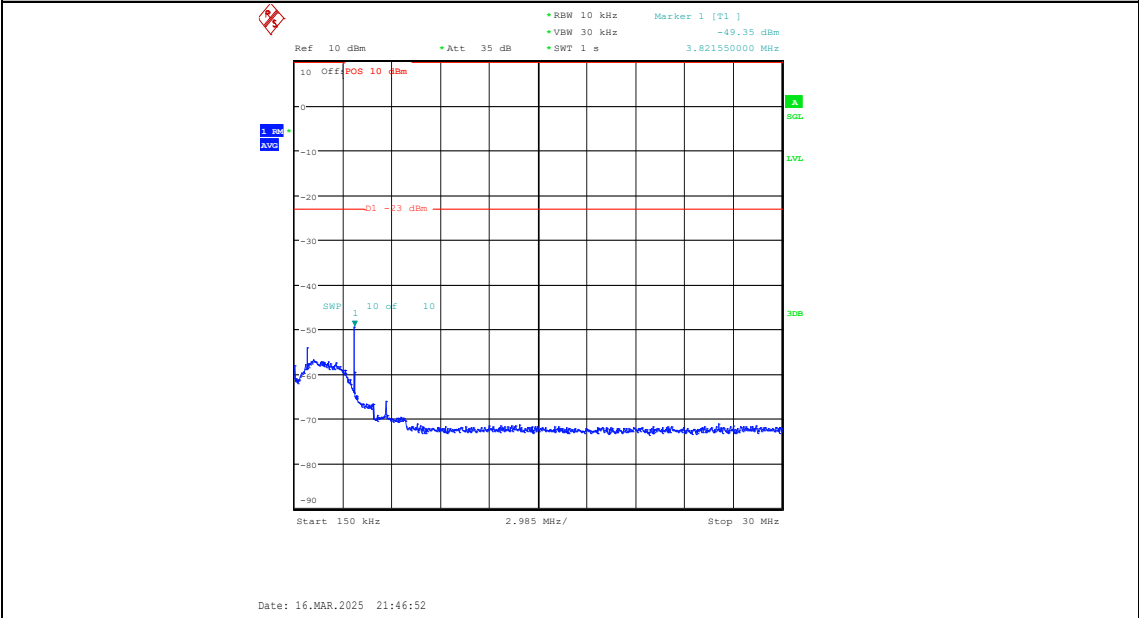
Band5-4132-4-30~1000MHz-PASS



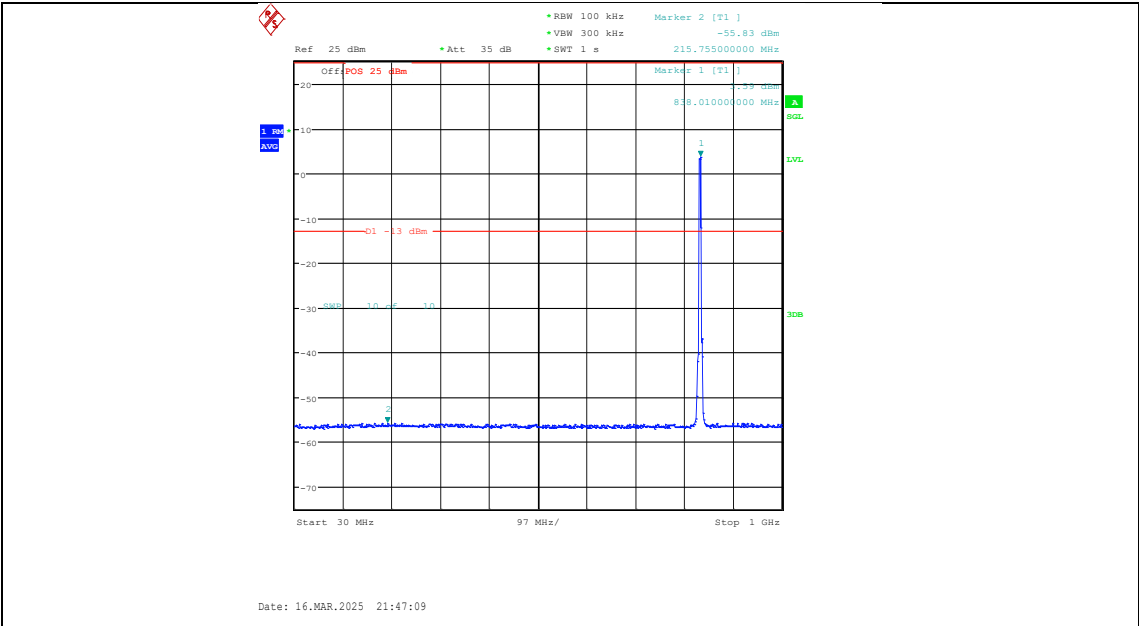
Band5-4132-4-1000~10000MHz-PASS



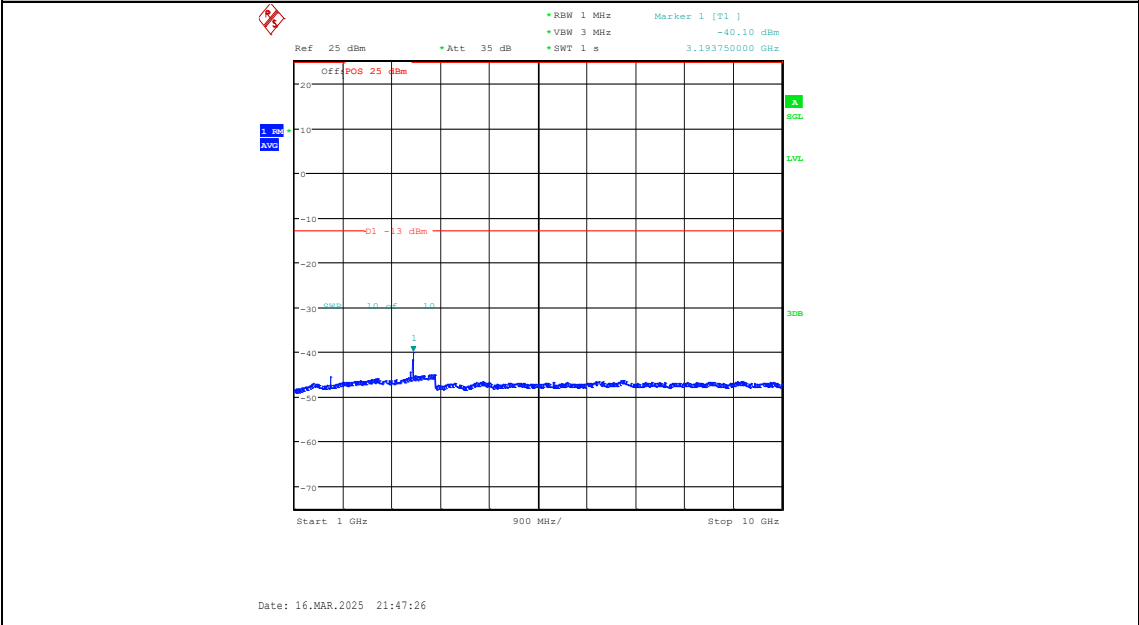
Band5-4182-1-0.009~0.15MHz-PASS



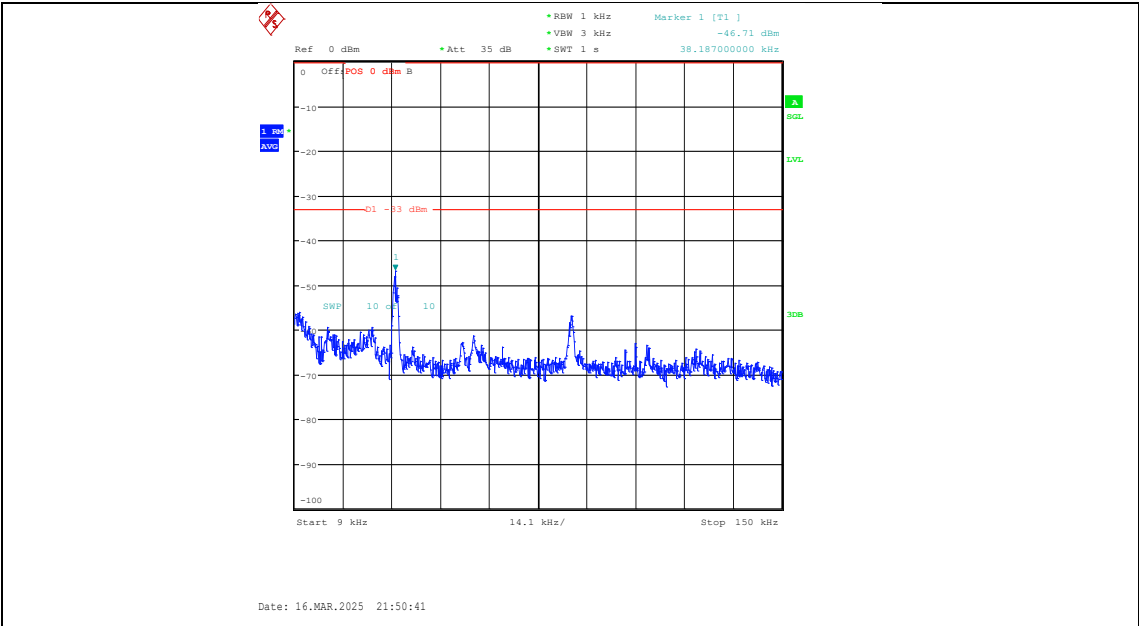
Band5-4182-1-0.15~30MHz-PASS



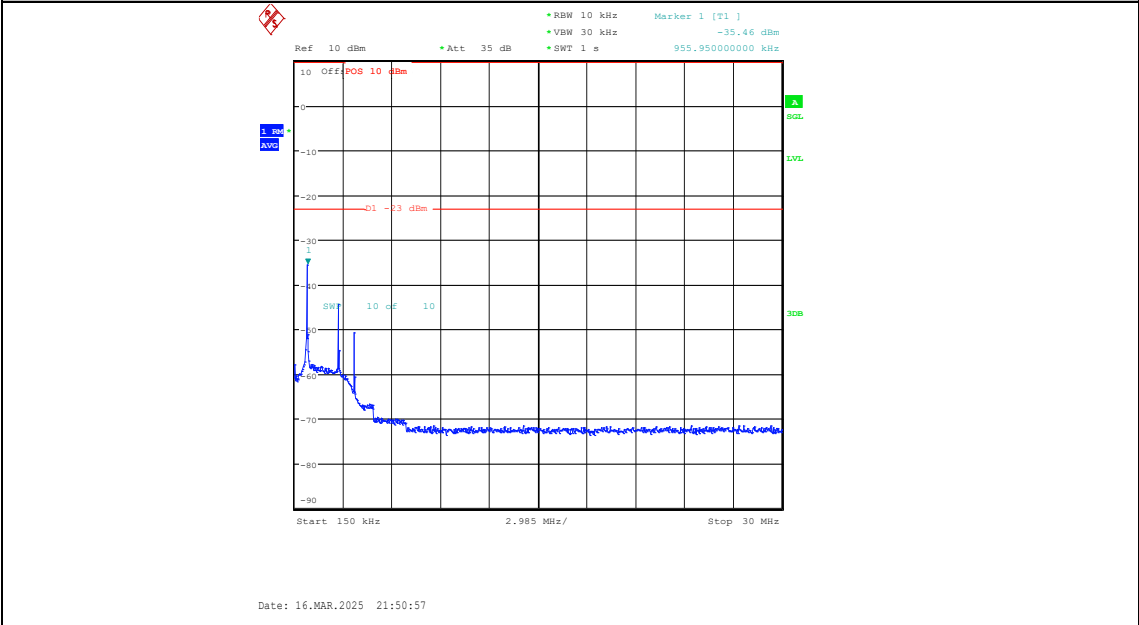
Band5-4182-1-30~1000MHz-PASS



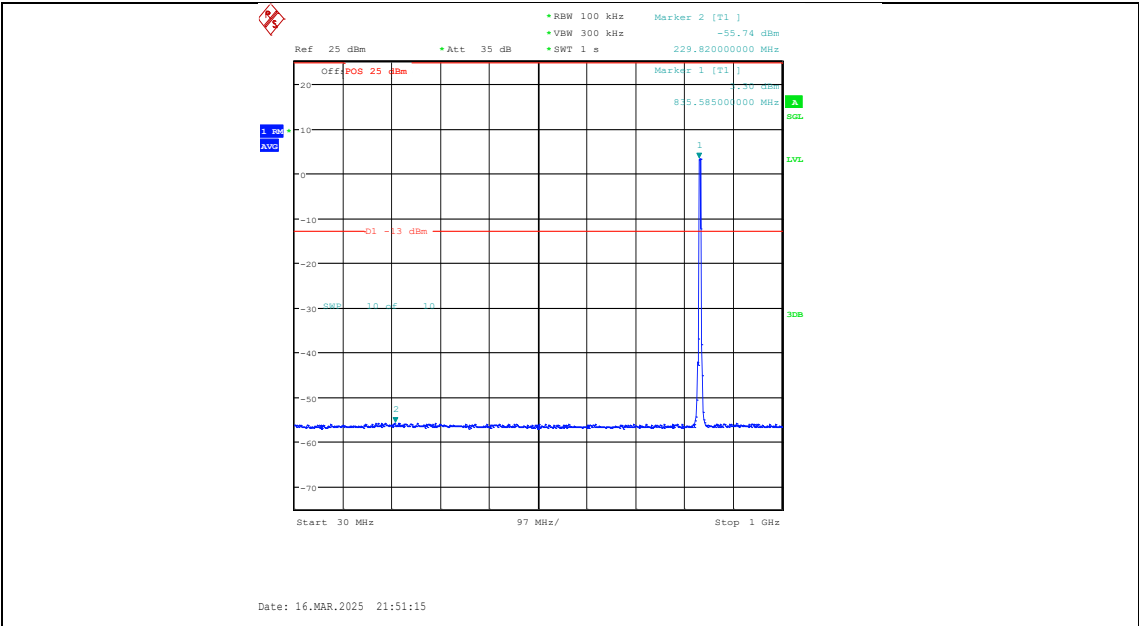
Band5-4182-1-1000~10000MHz-PASS



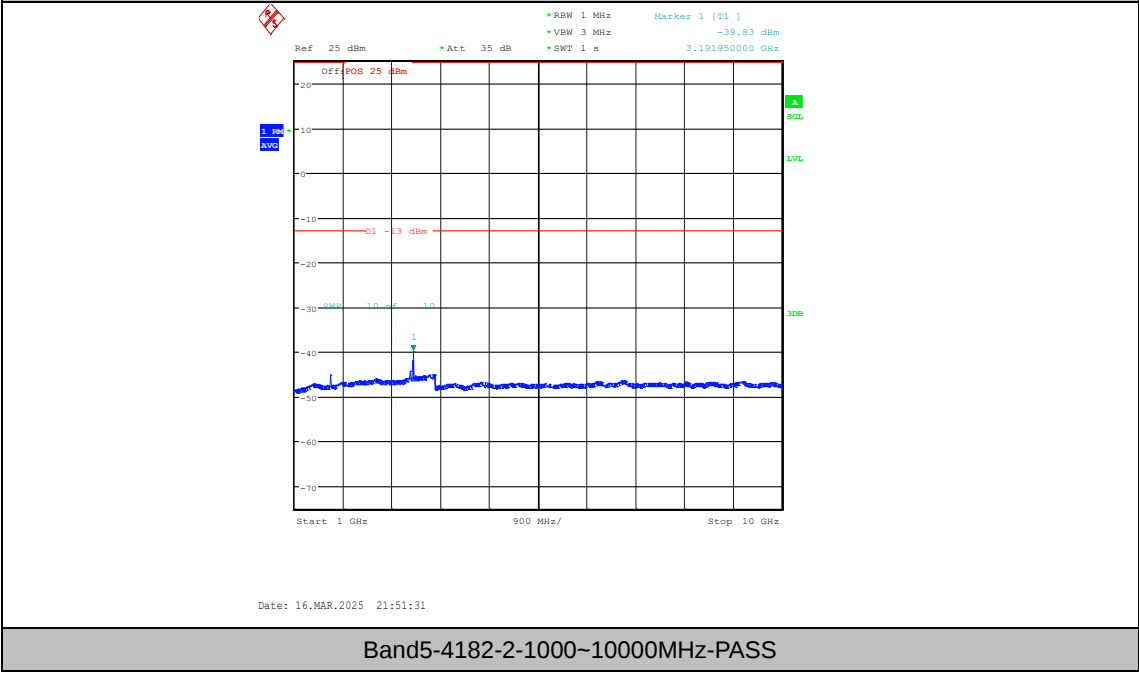
Band5-4182-2-0.009~0.15MHz-PASS



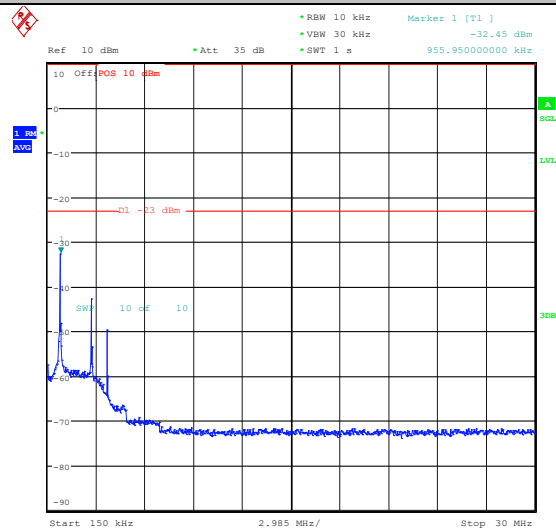
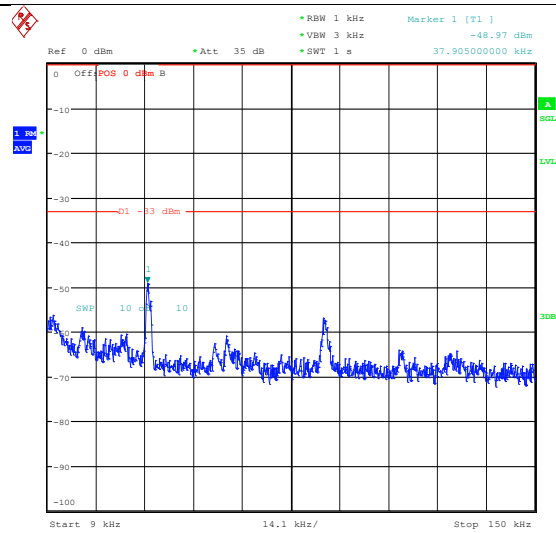
Band5-4182-2-0.15~30MHz-PASS



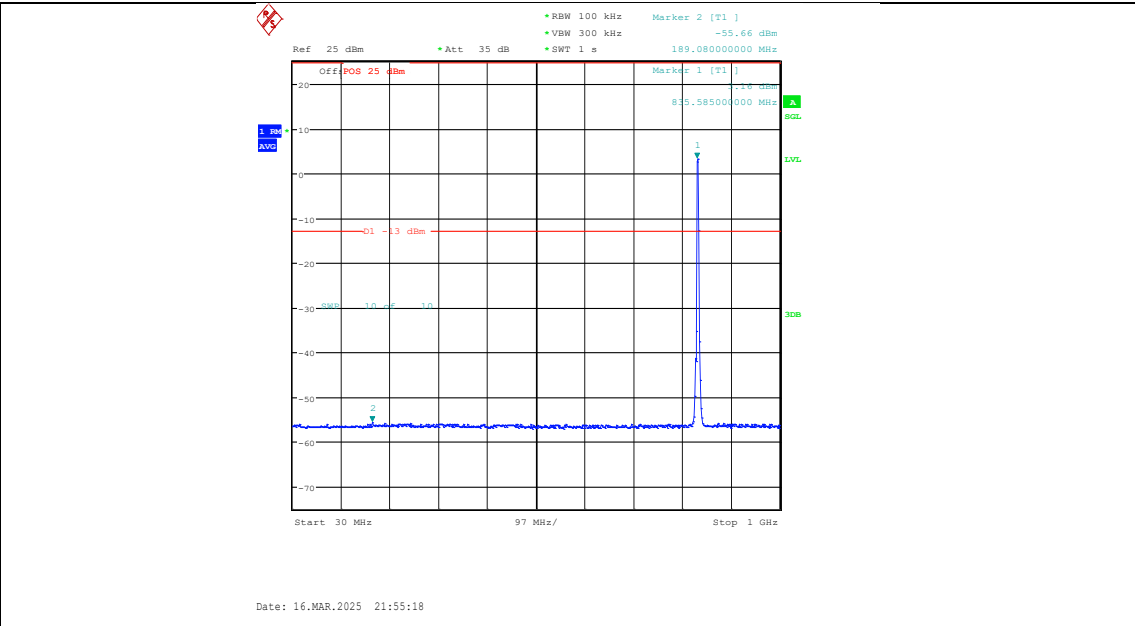
Band5-4182-2-30~1000MHz-PASS



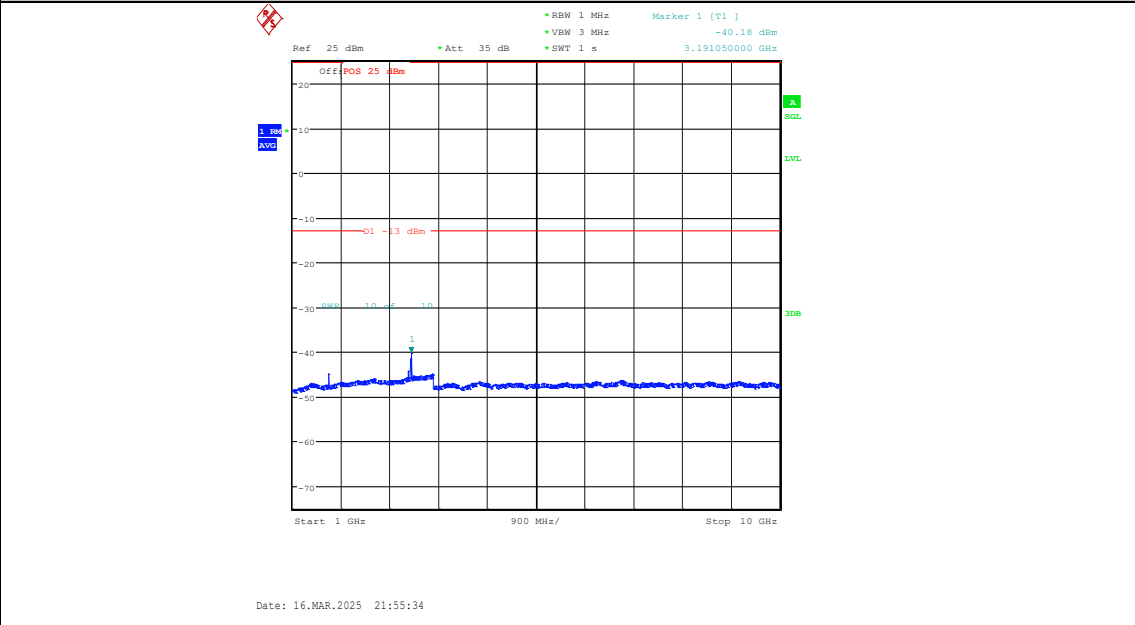
Band5-4182-2-1000~10000MHz-PASS



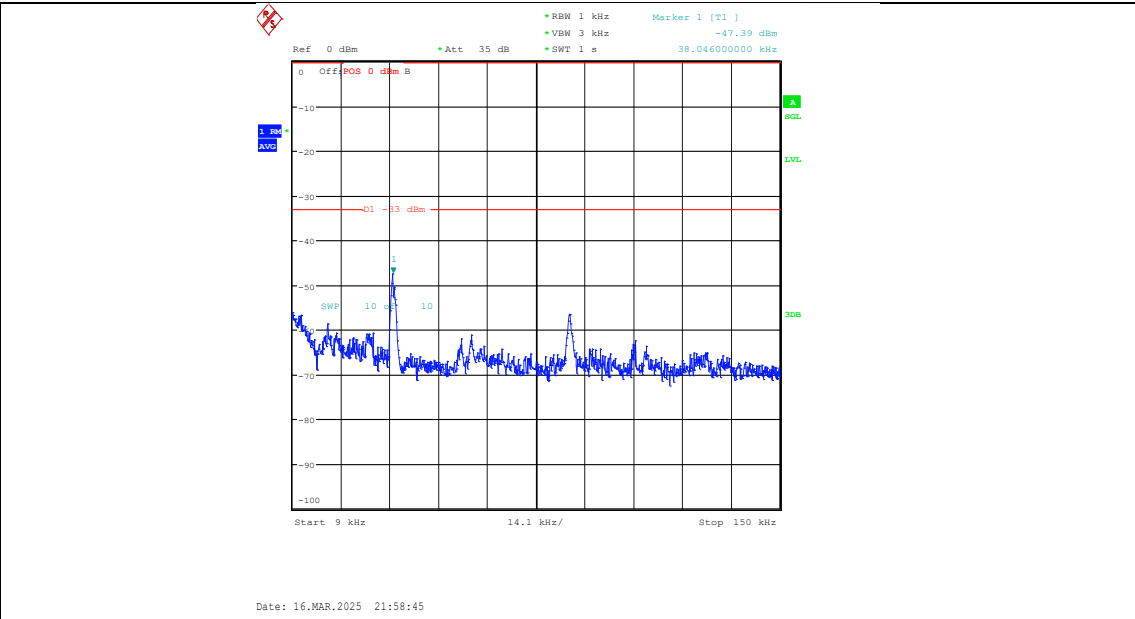
Band5-4182-3-0.15~30MHz-PASS



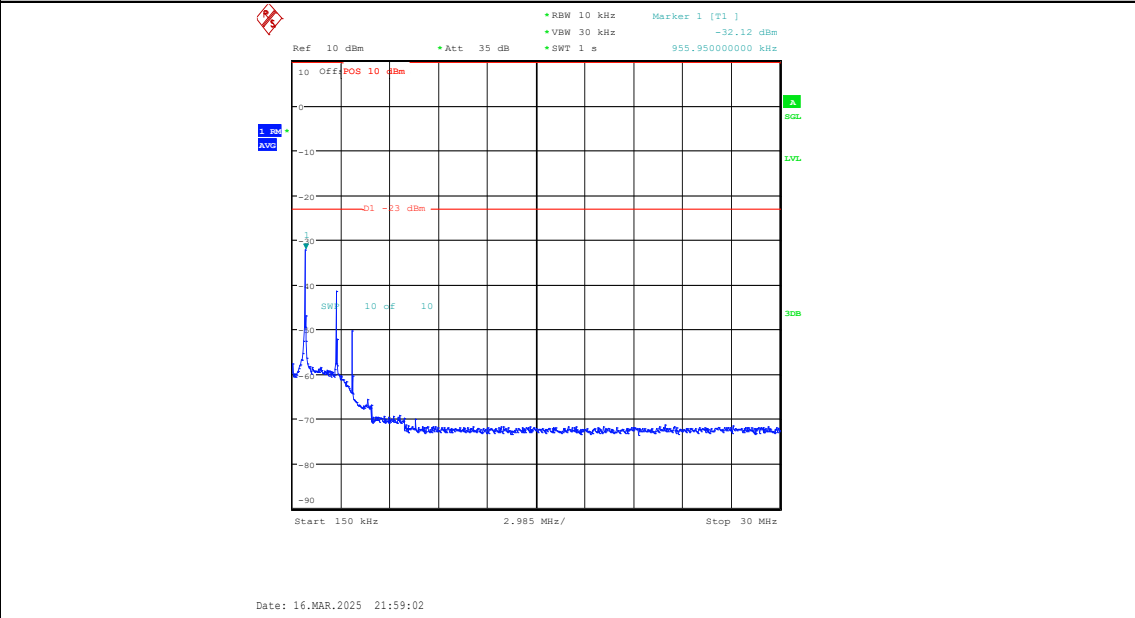
Band5-4182-3-30~1000MHz-PASS



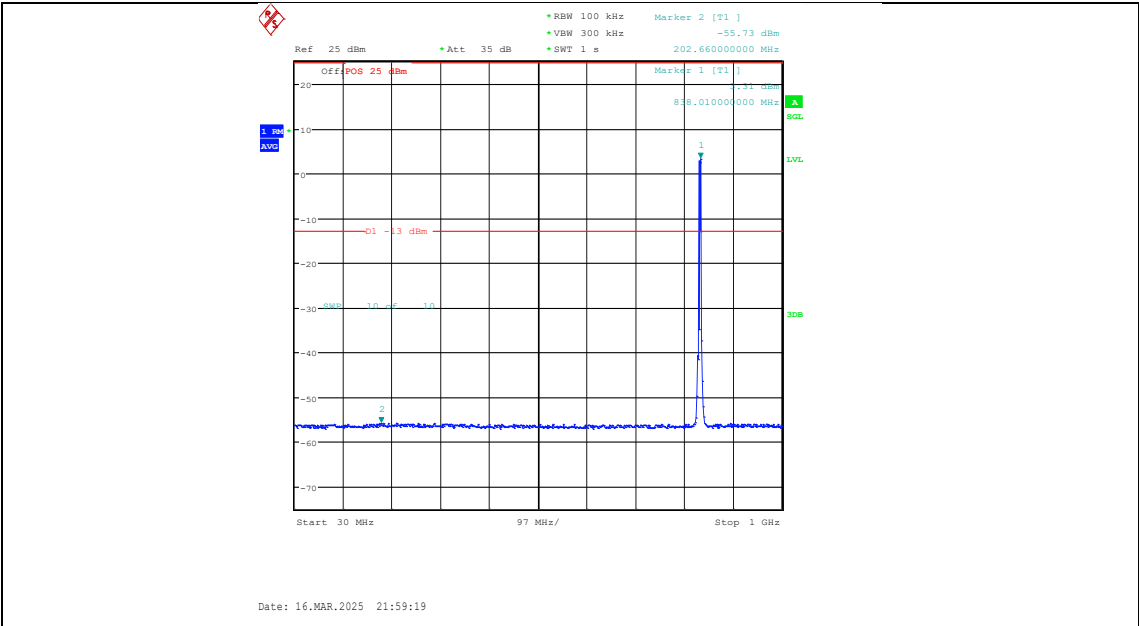
Band5-4182-3-1000~10000MHz-PASS



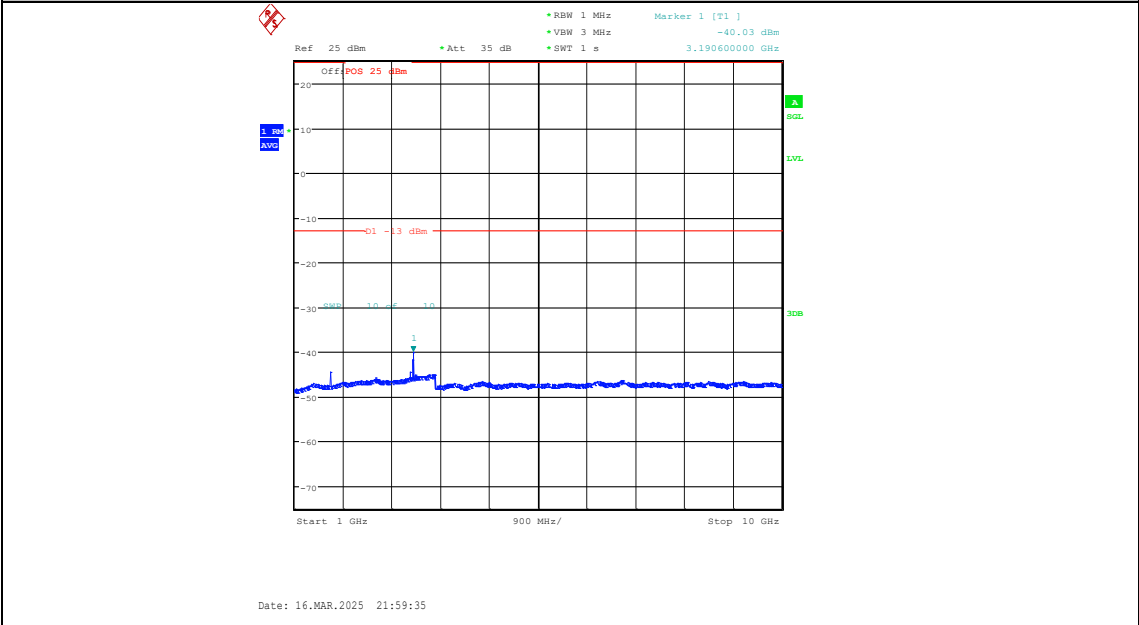
Band5-4182-4-0.009~0.15MHz-PASS



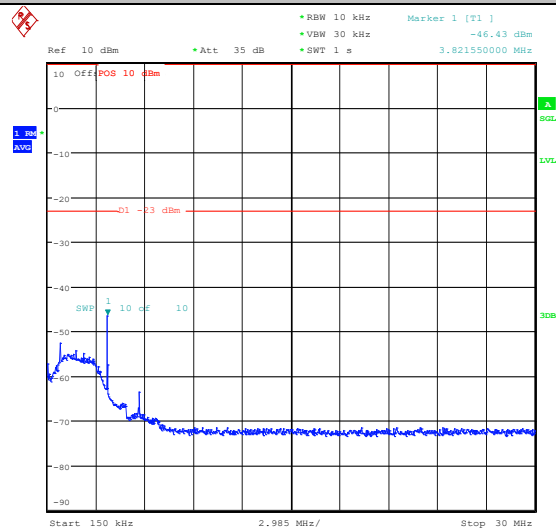
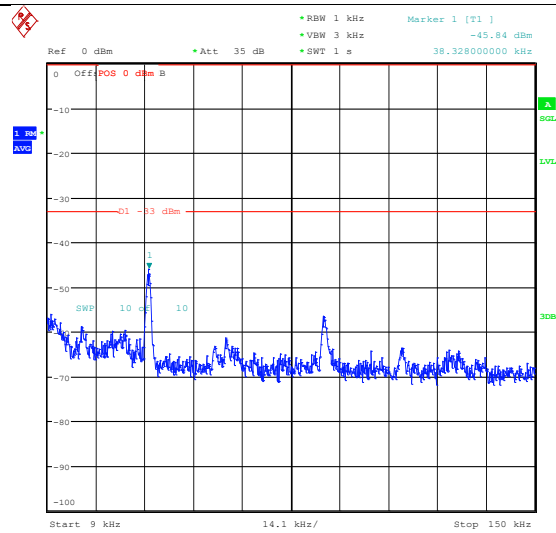
Band5-4182-4-0.15~30MHz-PASS



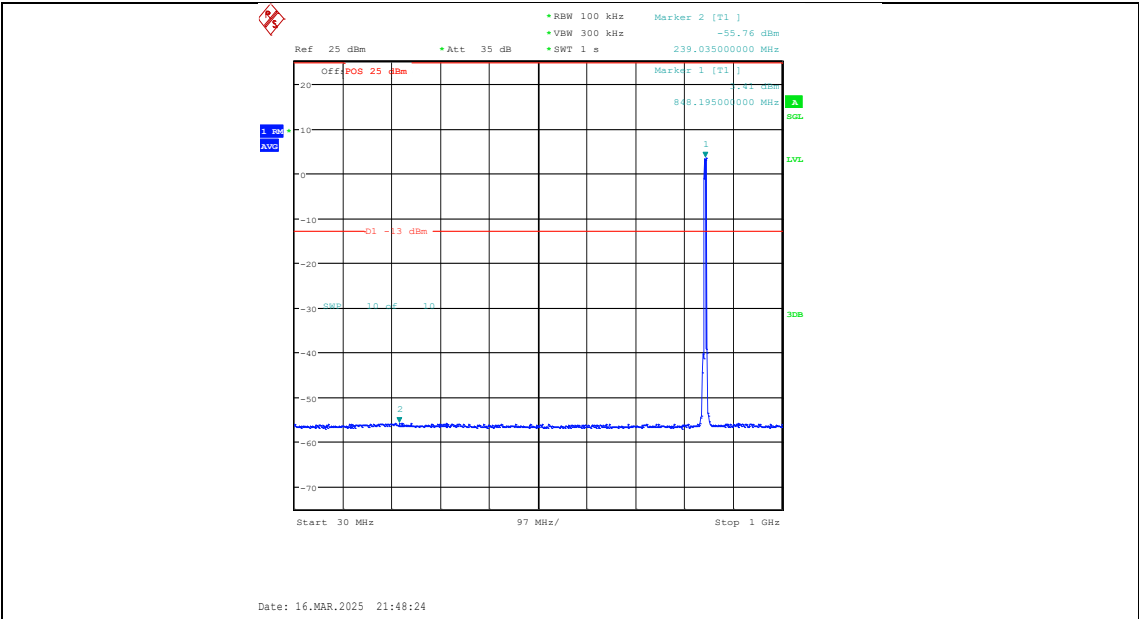
Band5-4182-4-30~1000MHz-PASS



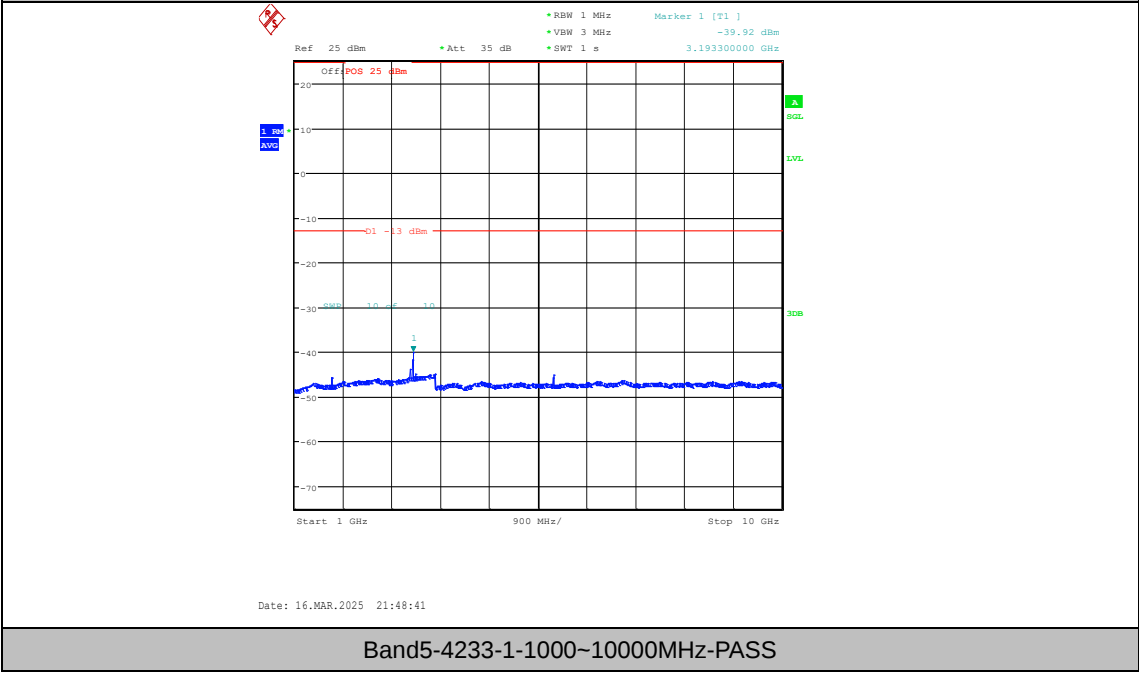
Band5-4182-4-1000~10000MHz-PASS



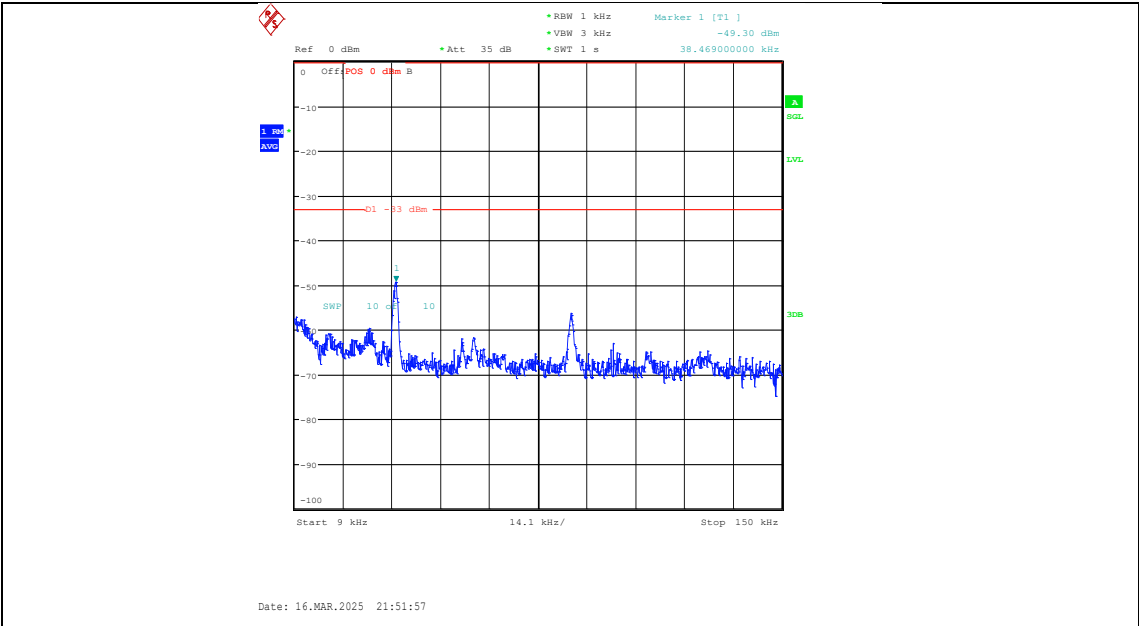
Band5-4233-1-0.15~30MHz-PASS



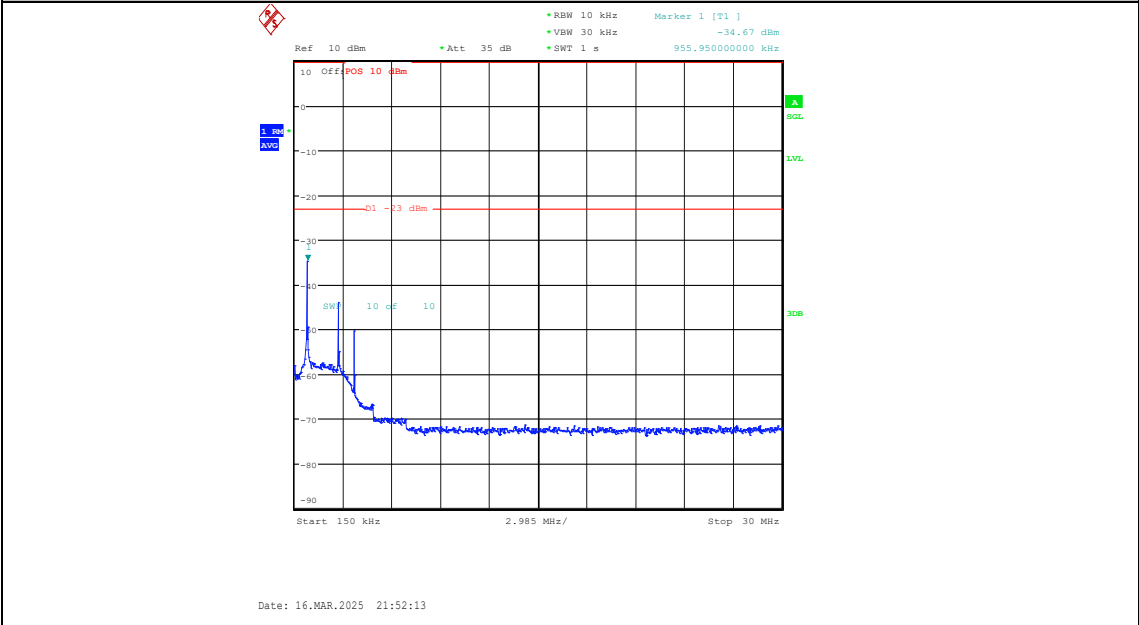
Band5-4233-1-30~1000MHz-PASS



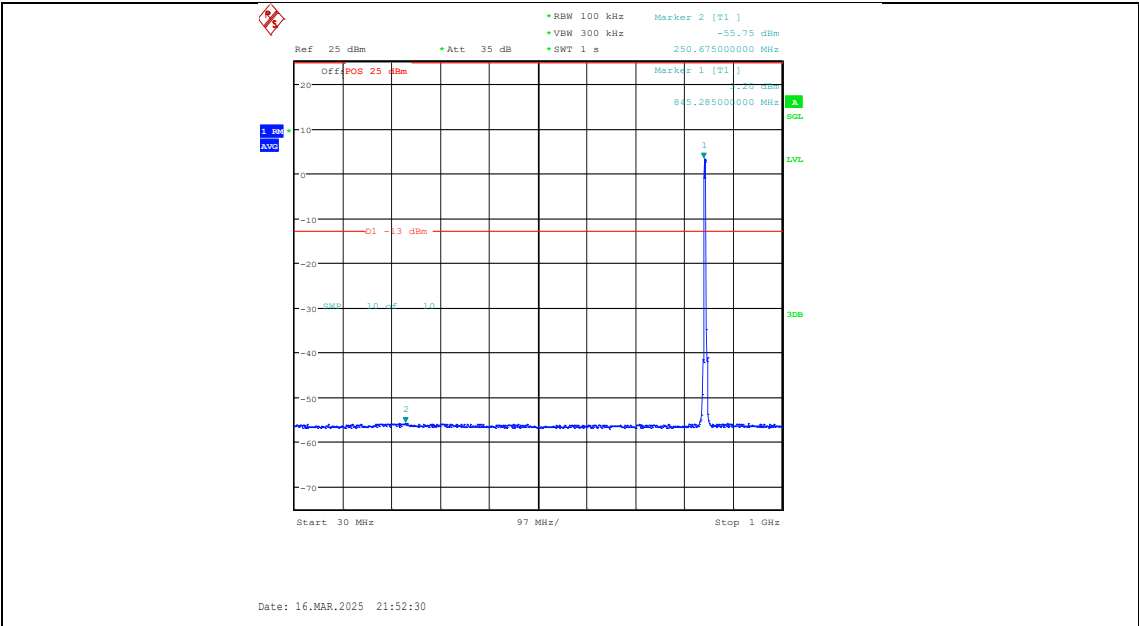
Band5-4233-1-1000~10000MHz-PASS



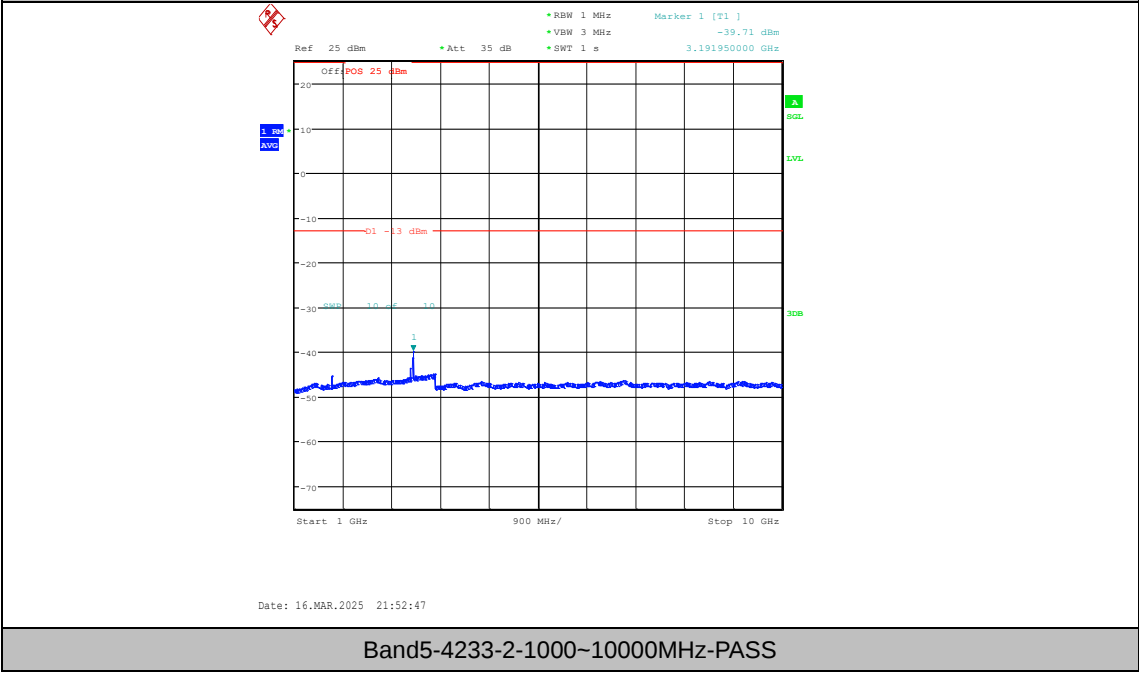
Band5-4233-2-0.009~0.15MHz-PASS



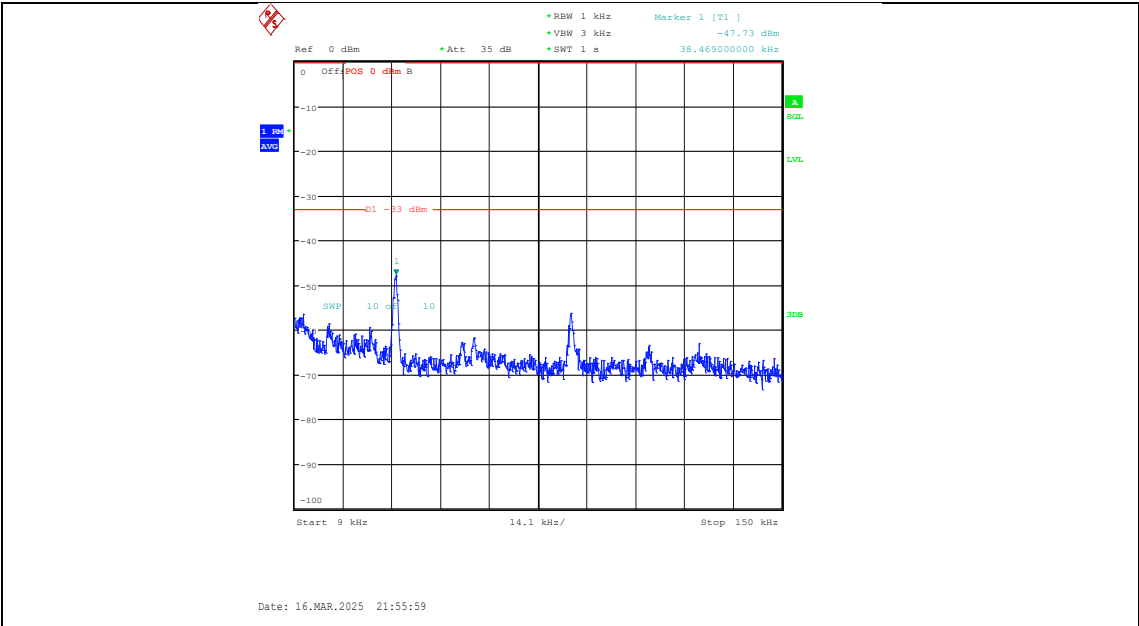
Band5-4233-2-0.15~30MHz-PASS



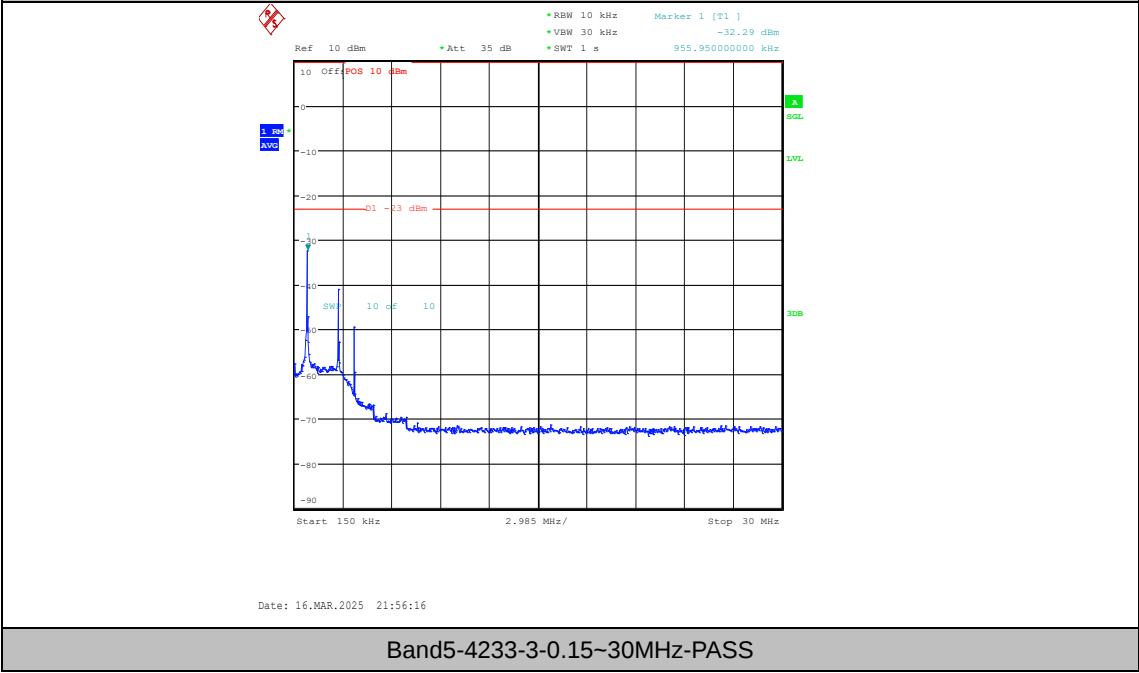
Band5-4233-2-30~1000MHz-PASS



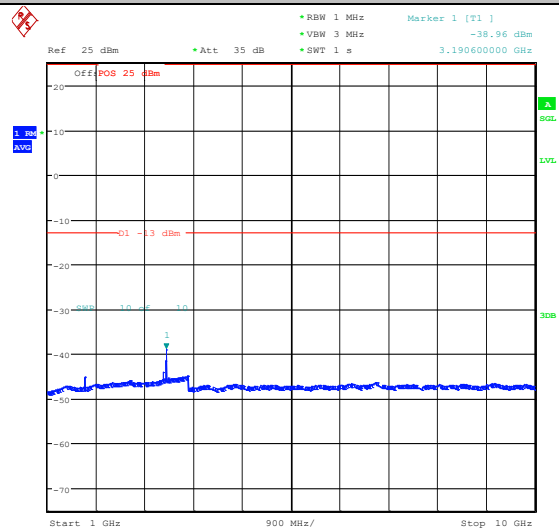
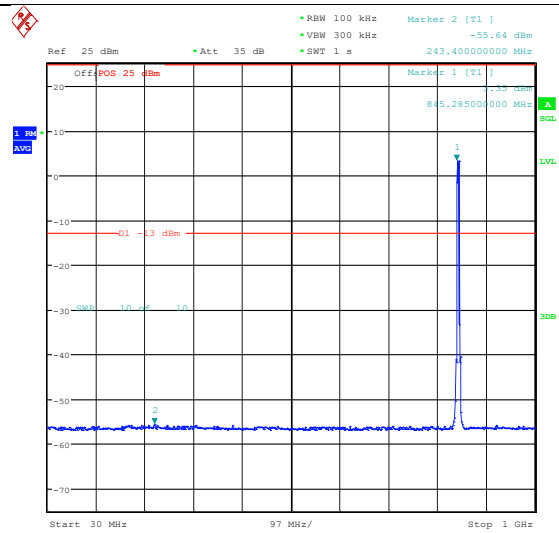
Band5-4233-2-1000~10000MHz-PASS



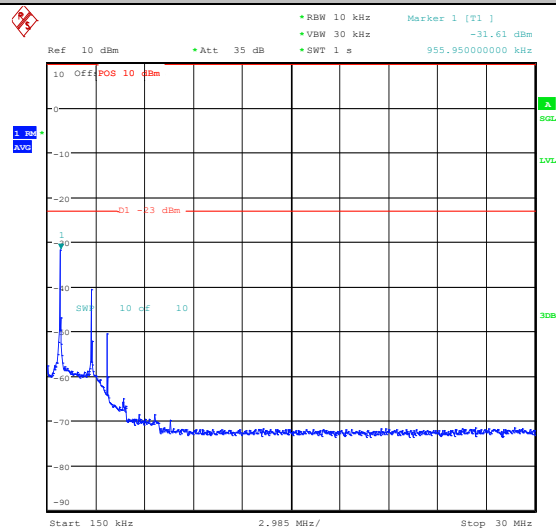
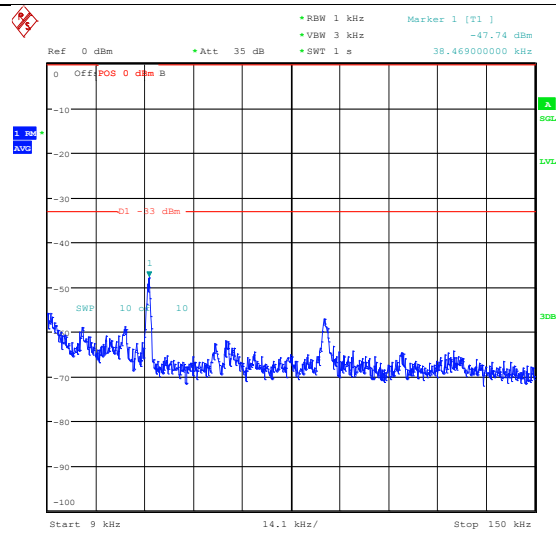
Band5-4233-3-0.009~0.15MHz-PASS



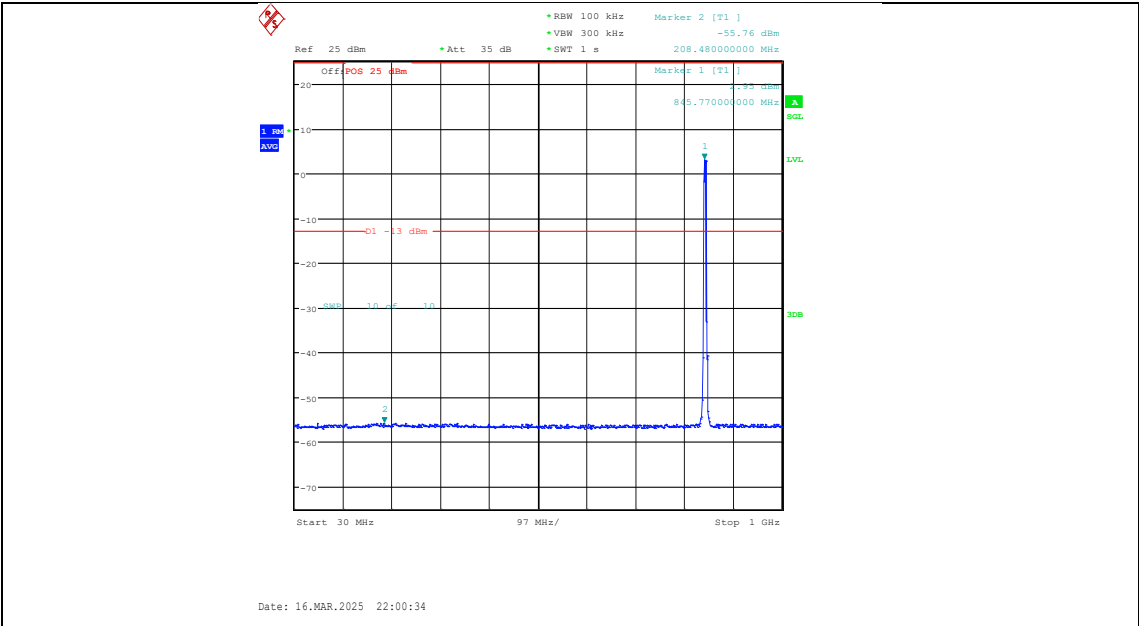
Band5-4233-3-0.15~30MHz-PASS



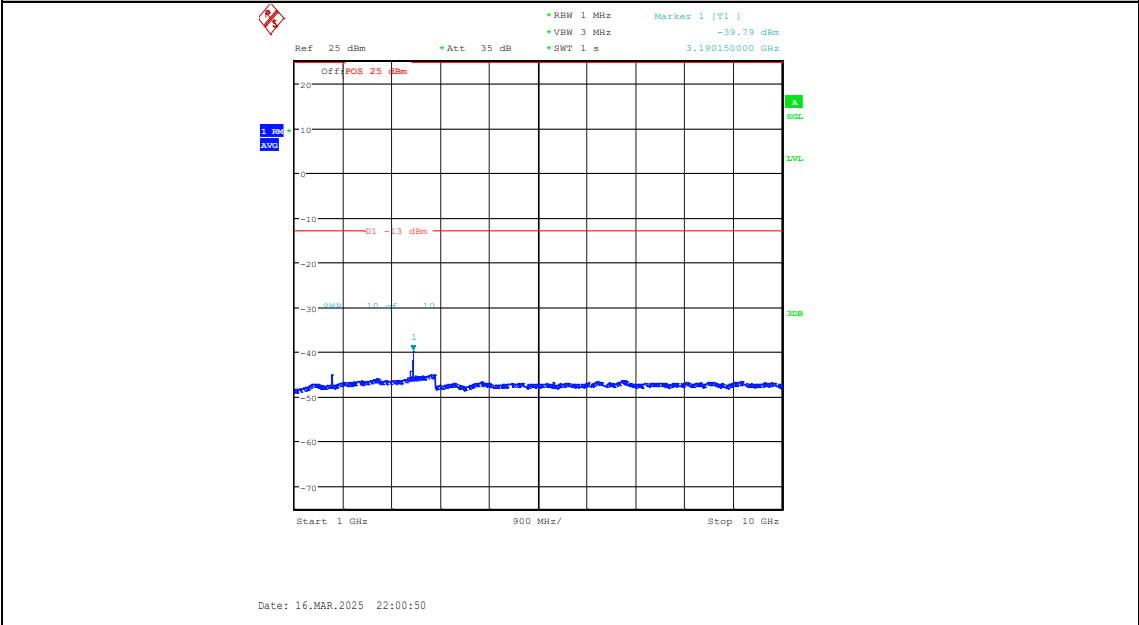
Band5-4233-3-1000~10000MHz-PASS



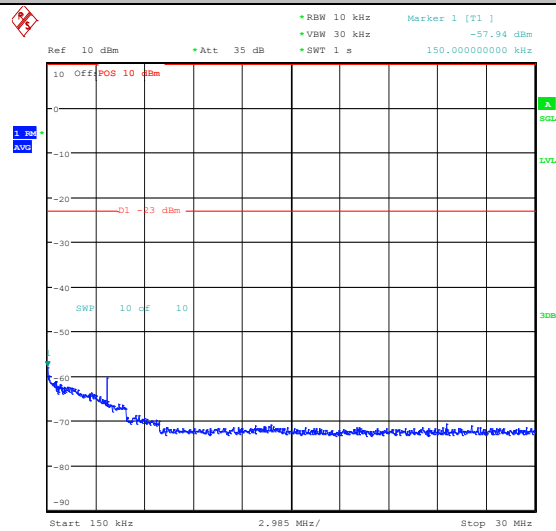
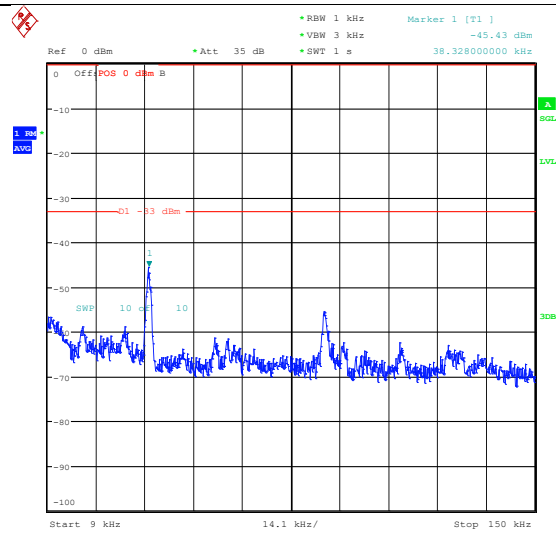
Band5-4233-4-0.15~30MHz-PASS



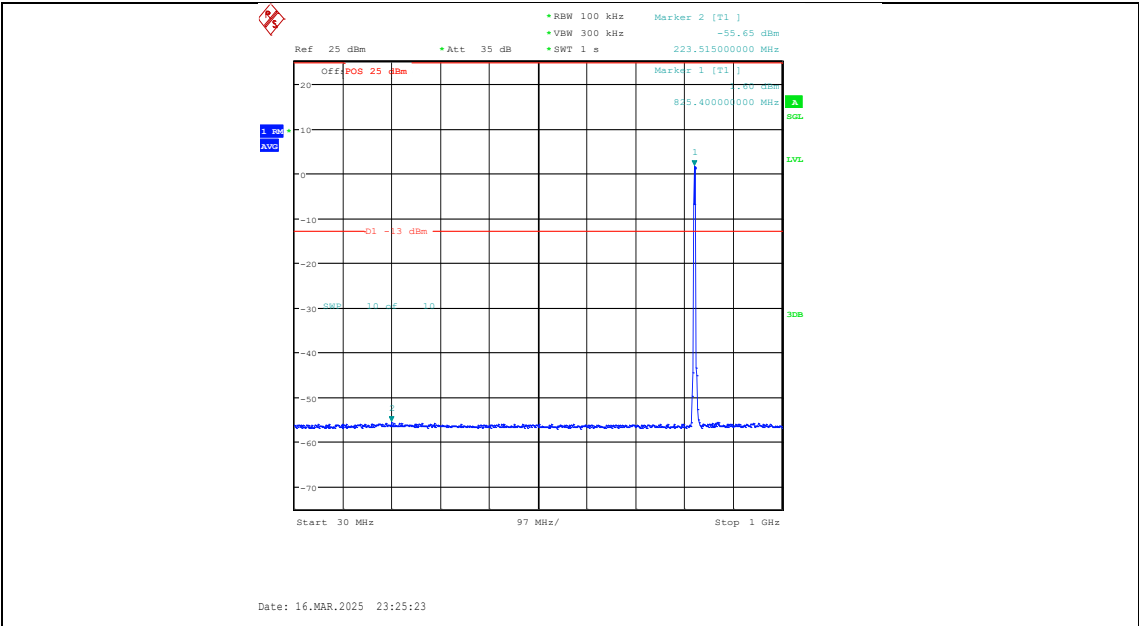
Band5-4233-4-30~1000MHz-PASS



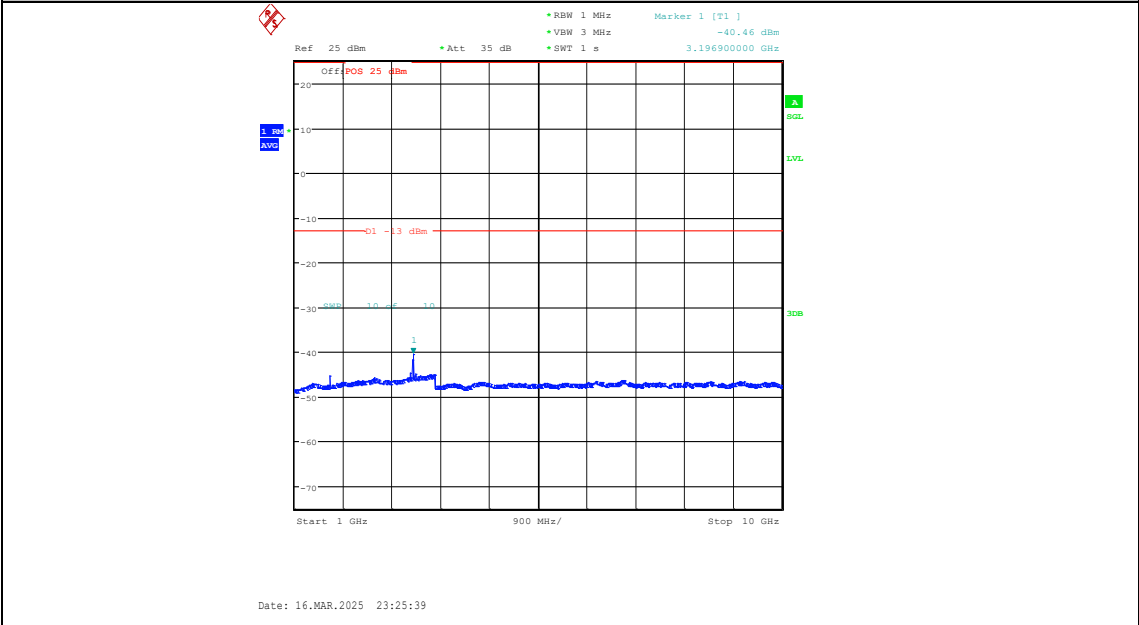
Band5-4233-4-1000~10000MHz-PASS



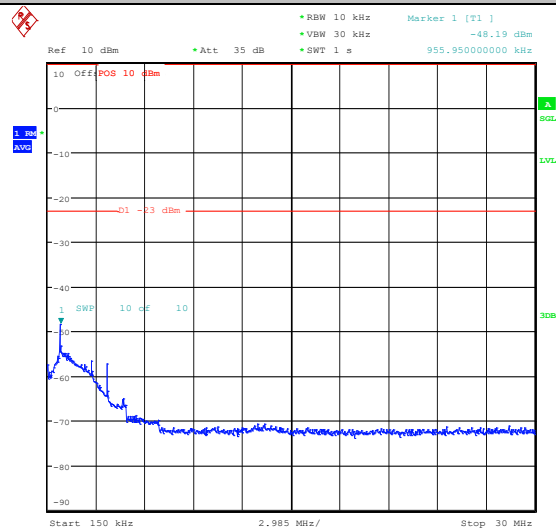
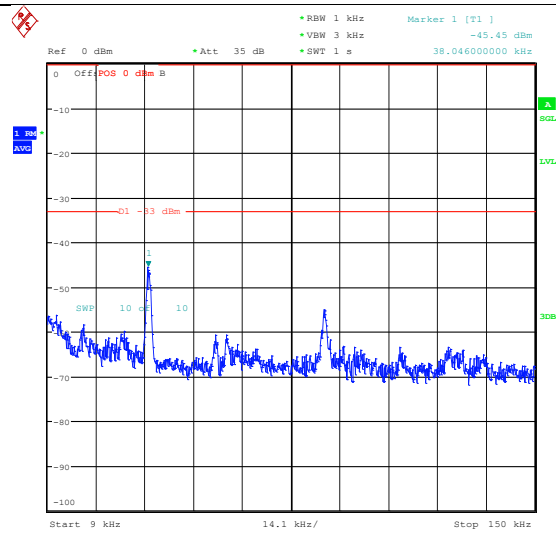
Band5-4132-1-0.15~30MHz-PASS



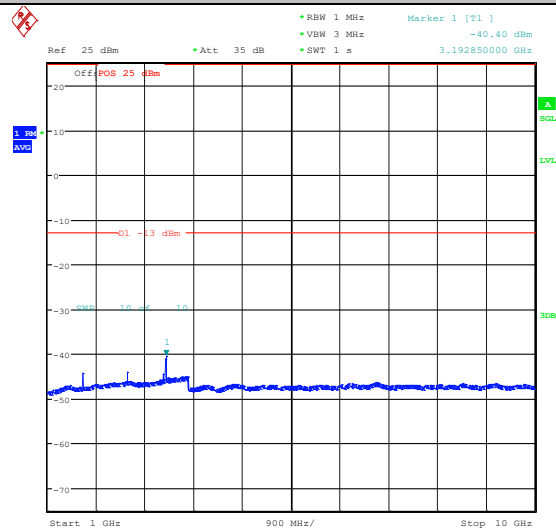
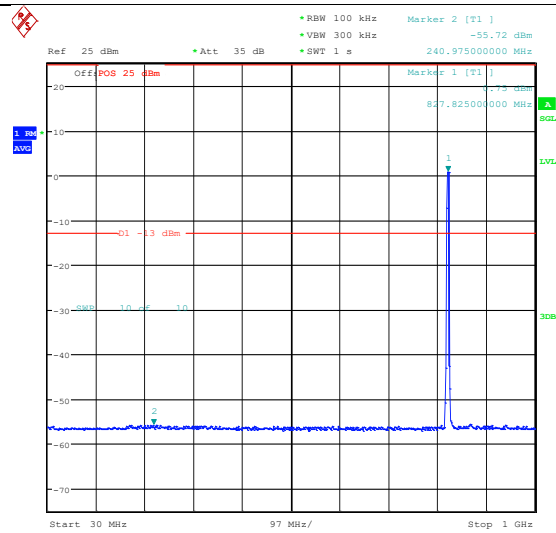
Band5-4132-1-30~1000MHz-PASS



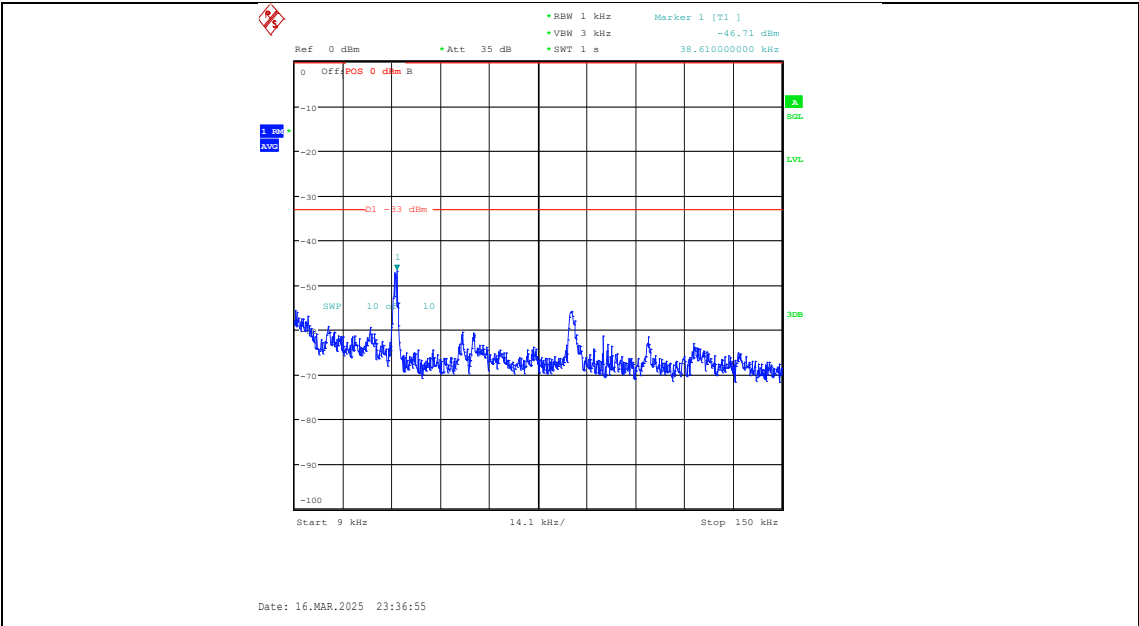
Band5-4132-1-1000~10000MHz-PASS



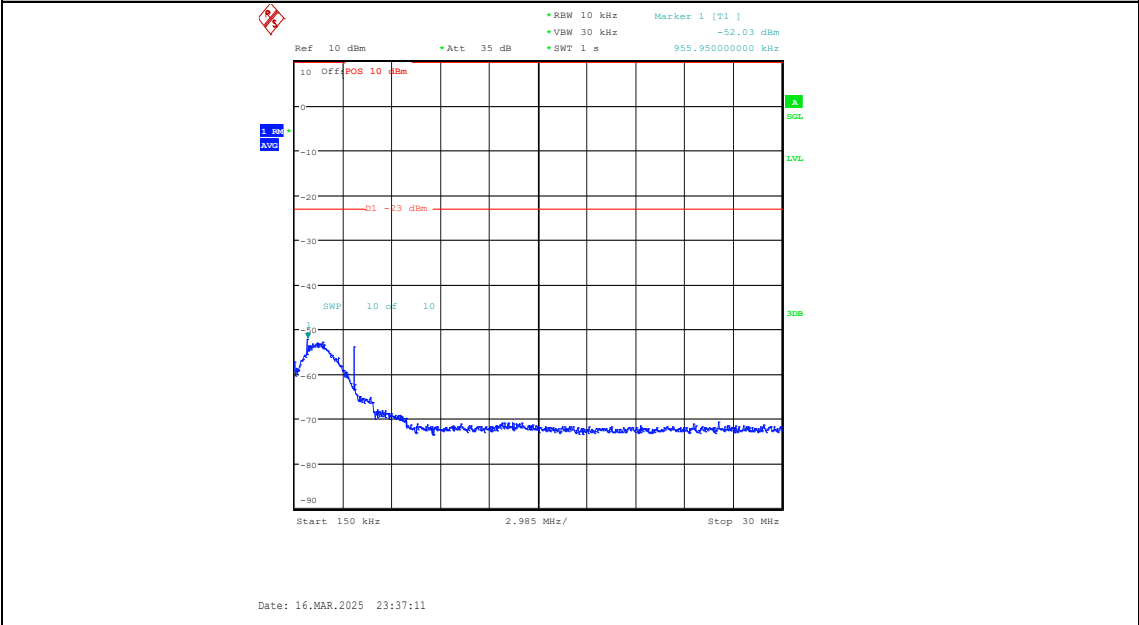
Band5-4132-2-0.15~30MHz-PASS



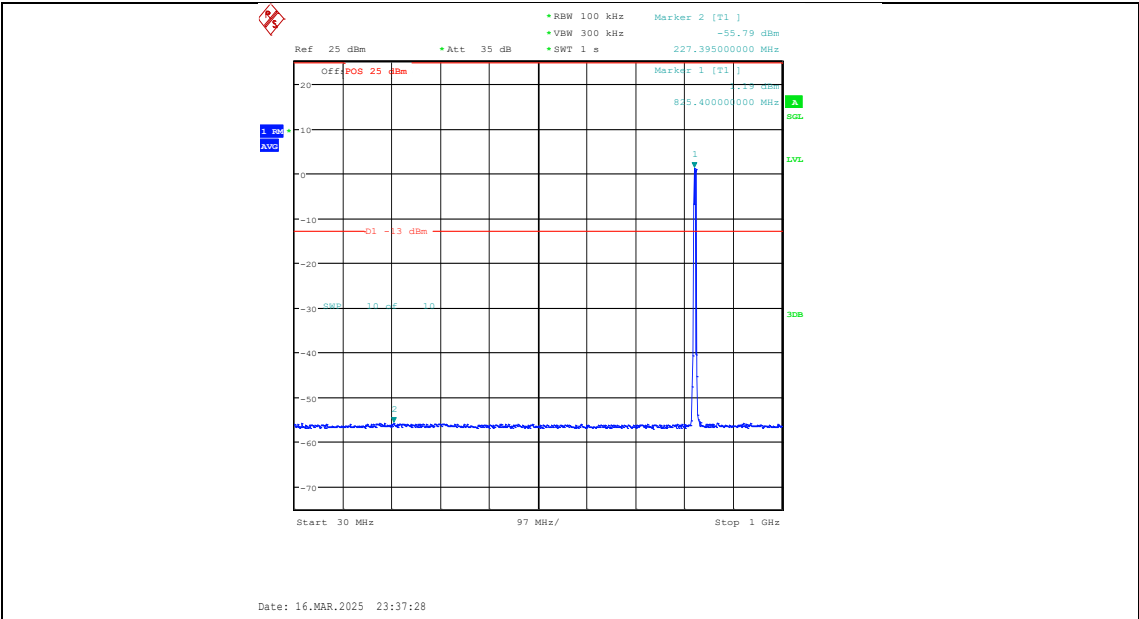
Band5-4132-2-1000~10000MHz-PASS



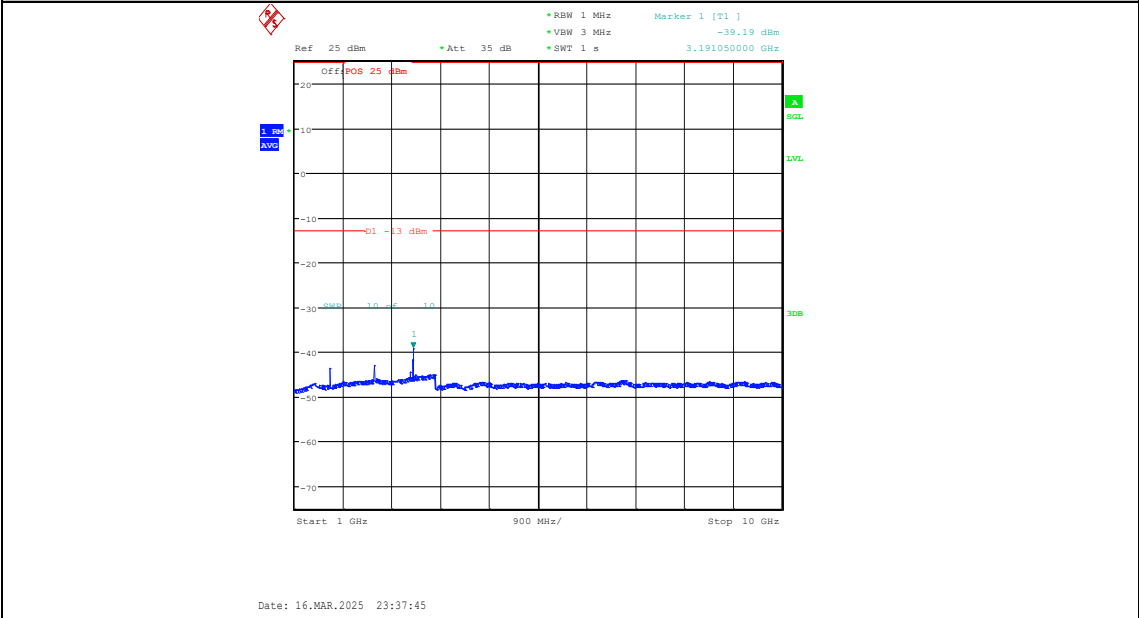
Band5-4132-3-0.009~0.15MHz-PASS



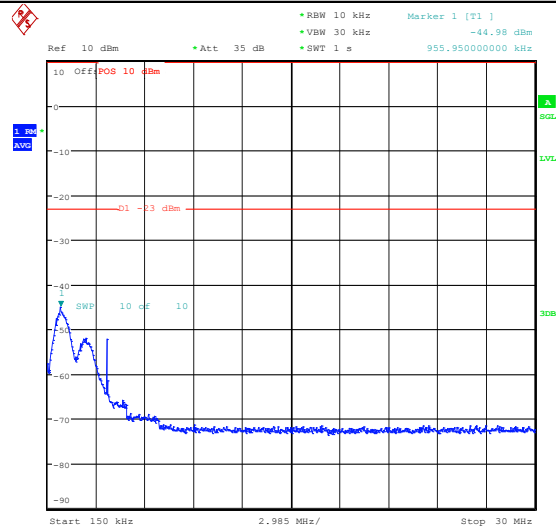
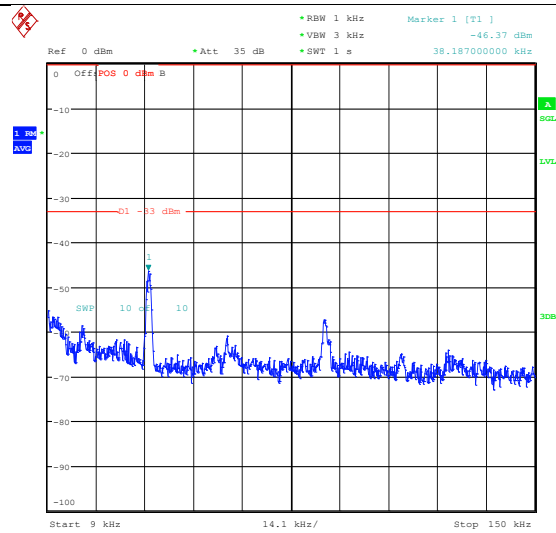
Band5-4132-3-0.15~30MHz-PASS



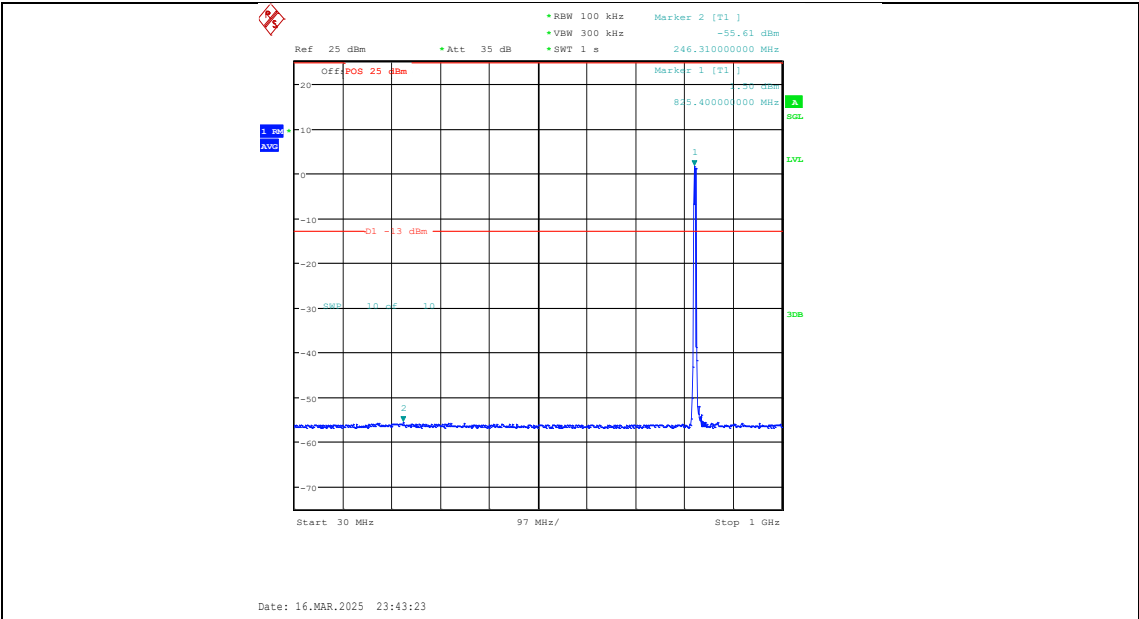
Band5-4132-3-30~1000MHz-PASS



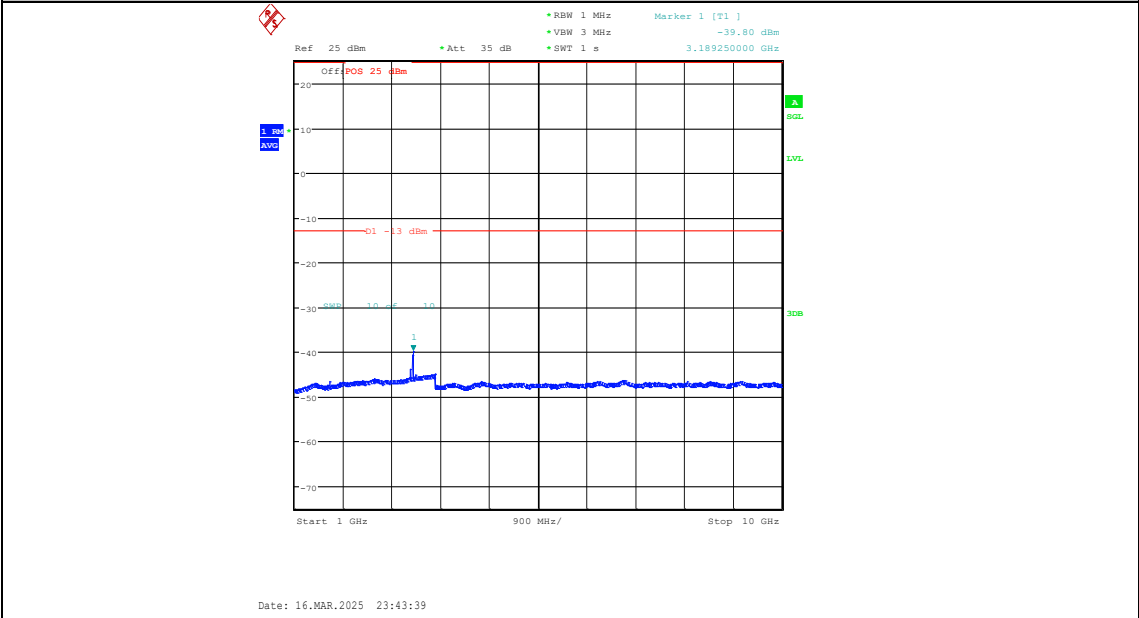
Band5-4132-3-1000~10000MHz-PASS



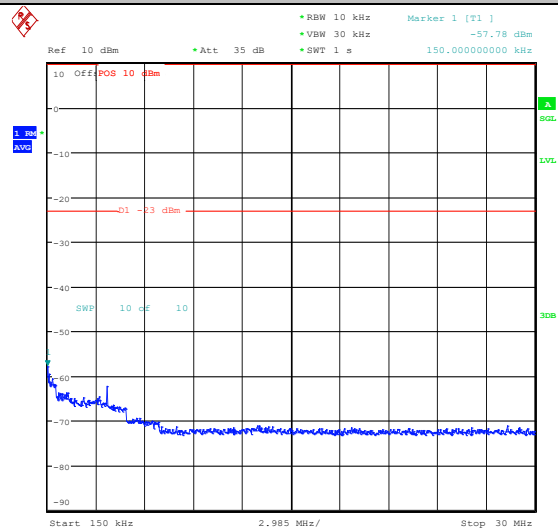
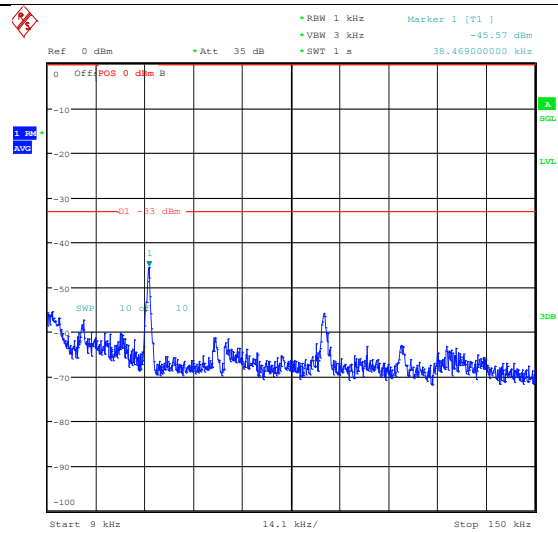
Band5-4132-4-0.15~30MHz-PASS



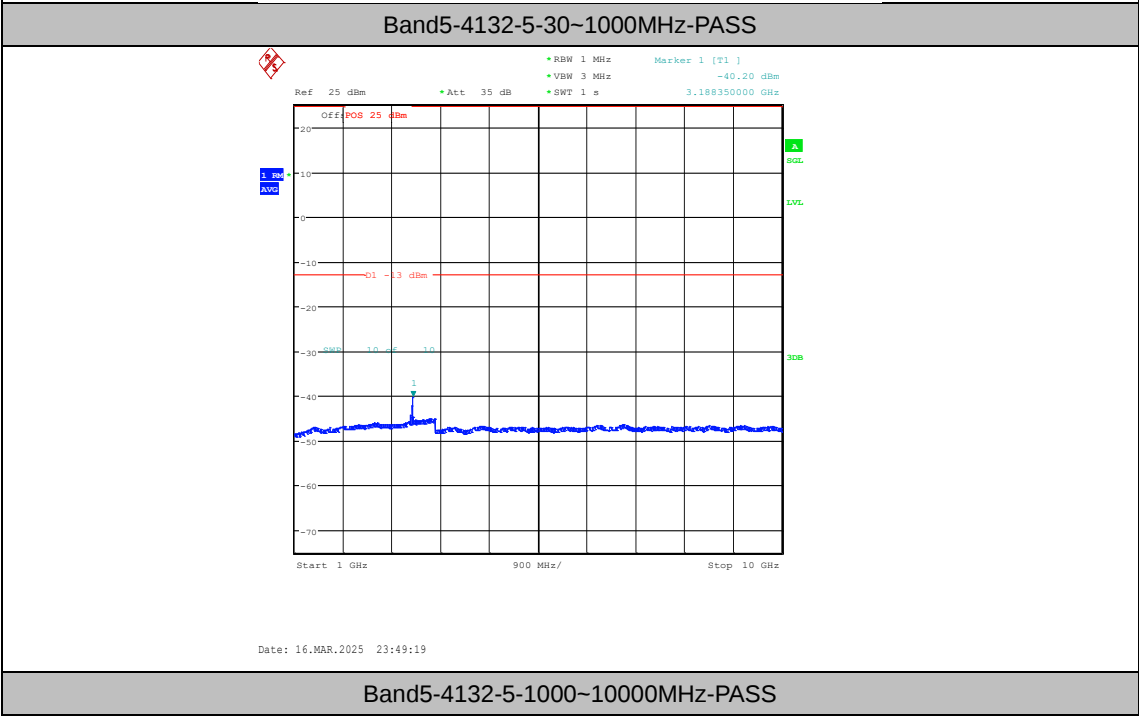
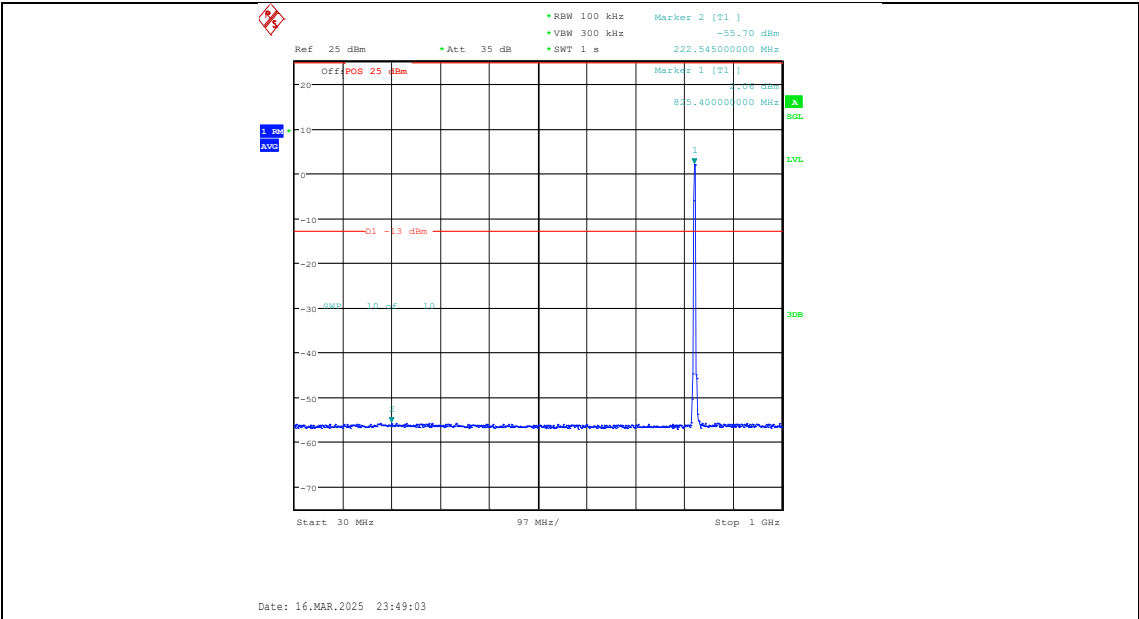
Band5-4132-4-30~1000MHz-PASS

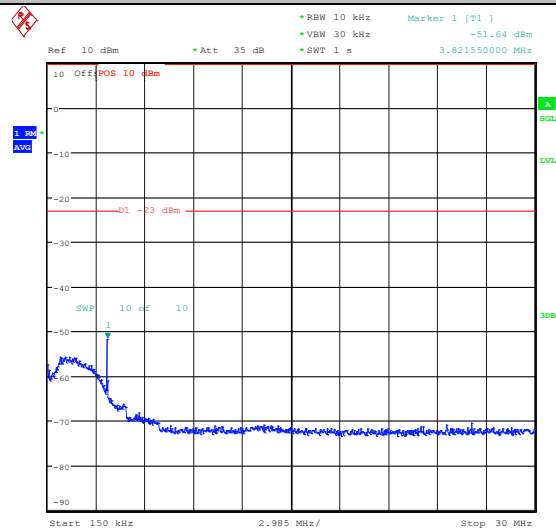
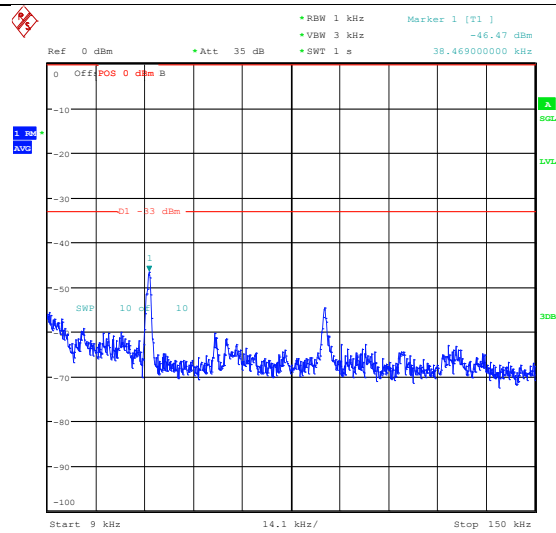


Band5-4132-4-1000~10000MHz-PASS

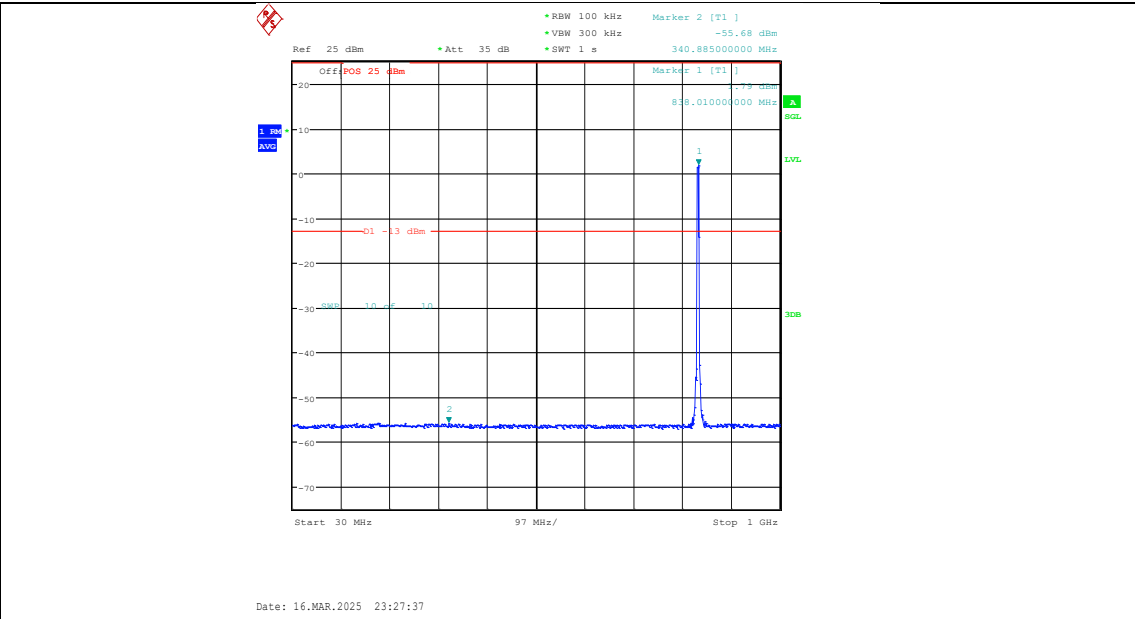


Band5-4132-5-0.15~30MHz-PASS

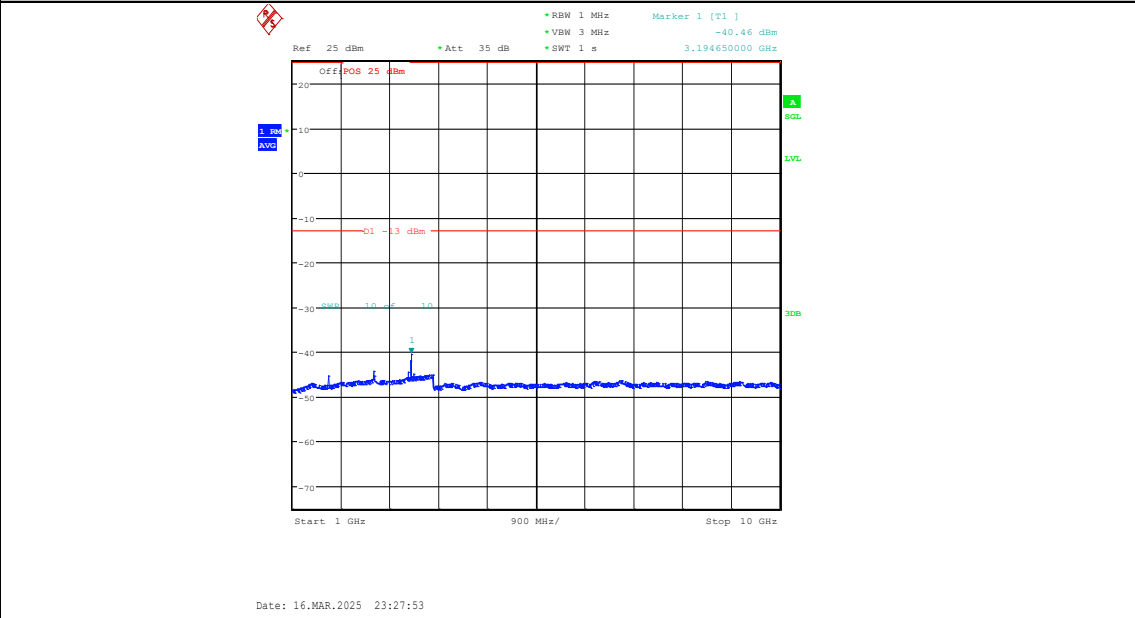




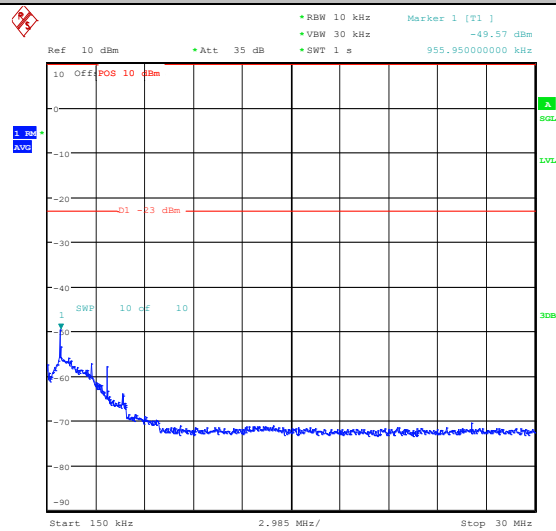
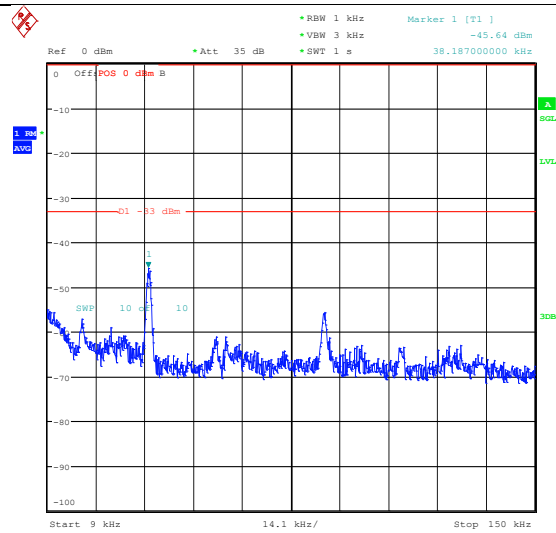
Band5-4182-1-0.15~30MHz-PASS



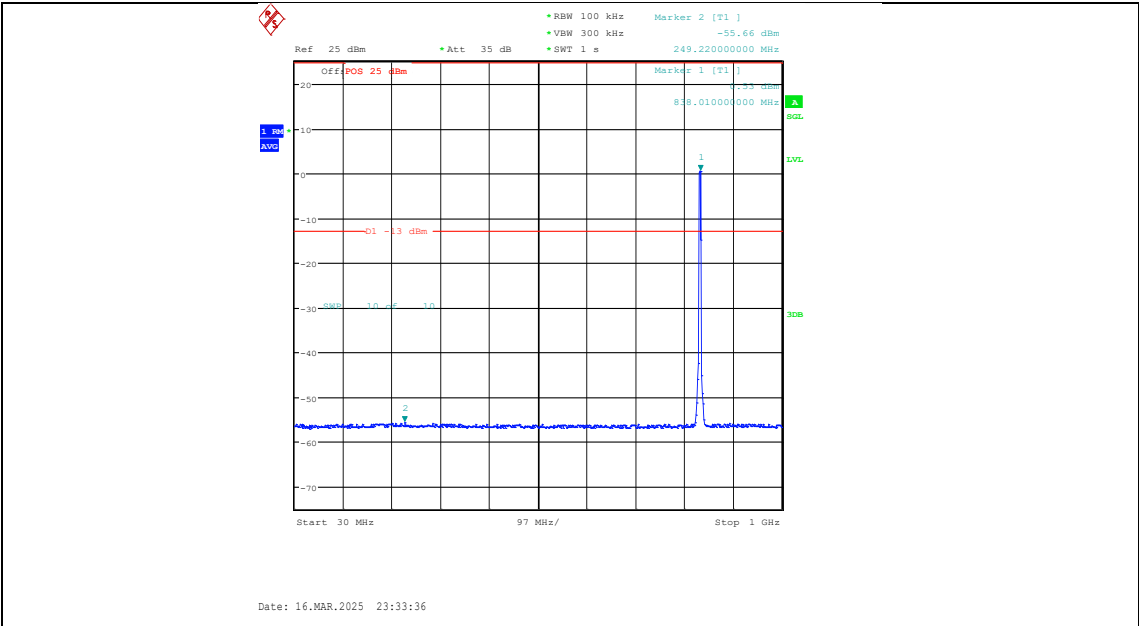
Band5-4182-1-30~1000MHz-PASS



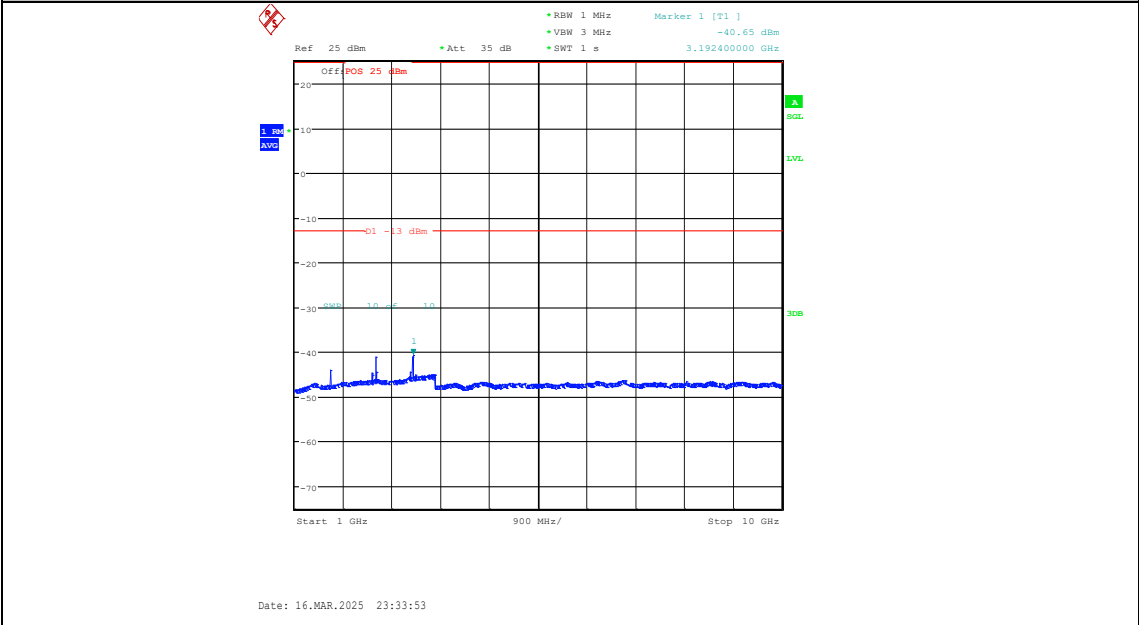
Band5-4182-1-1000~10000MHz-PASS



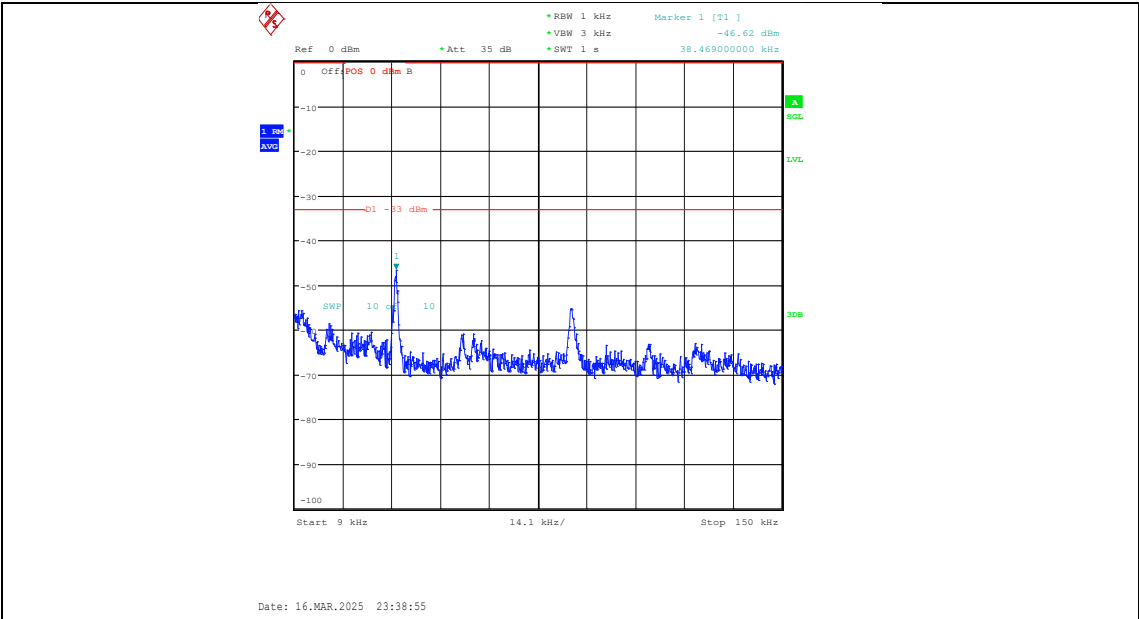
Band5-4182-2-0.15~30MHz-PASS



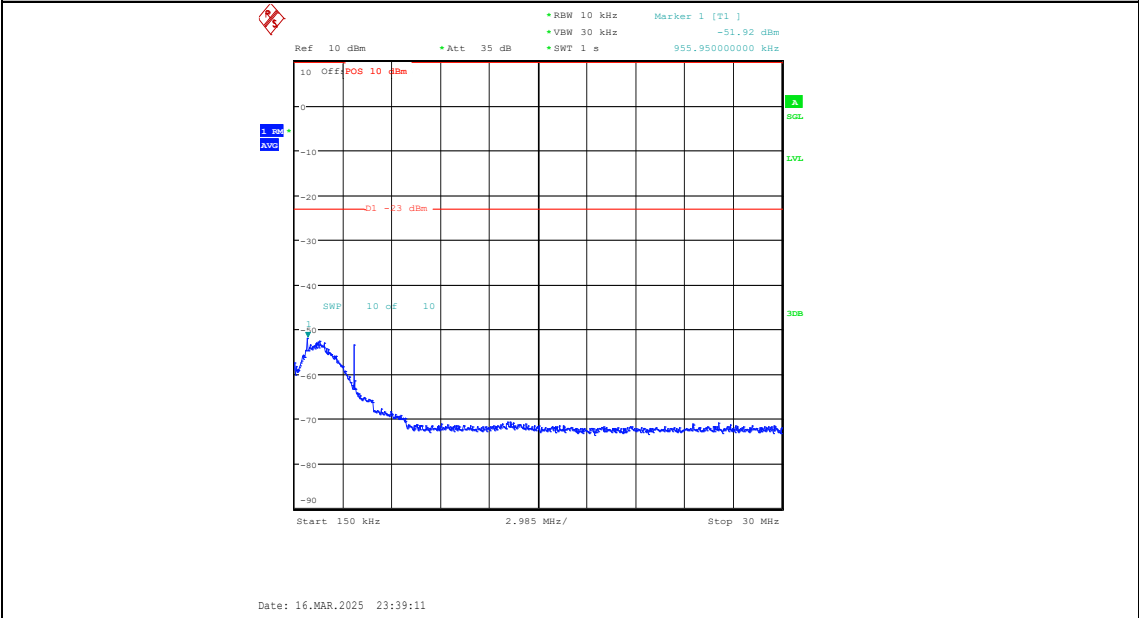
Band5-4182-2-30~1000MHz-PASS



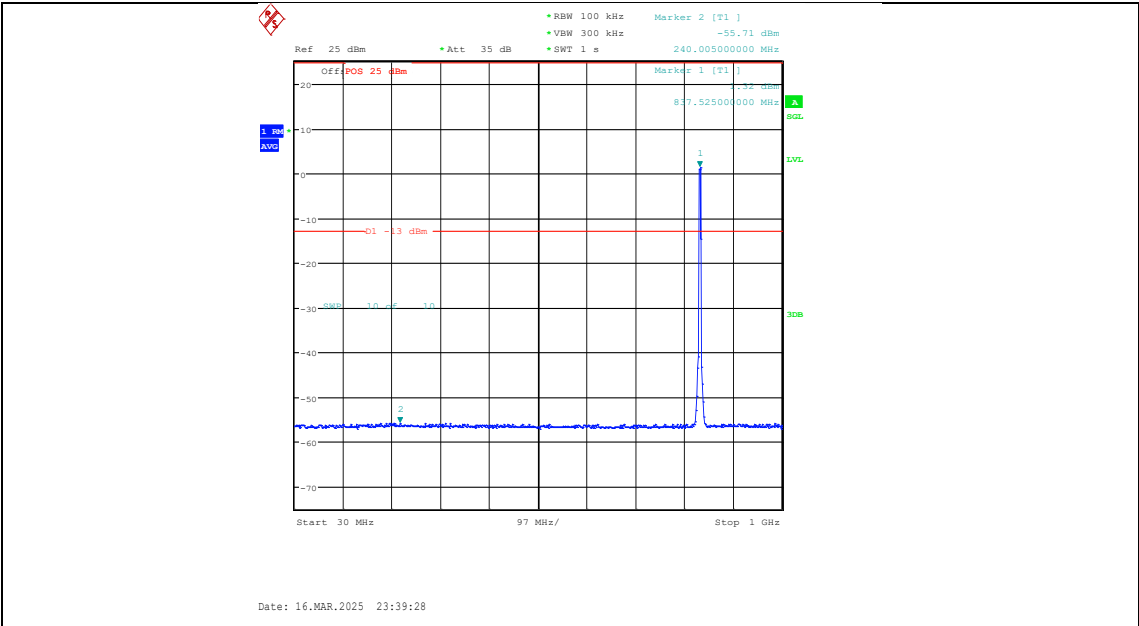
Band5-4182-2-1000~10000MHz-PASS



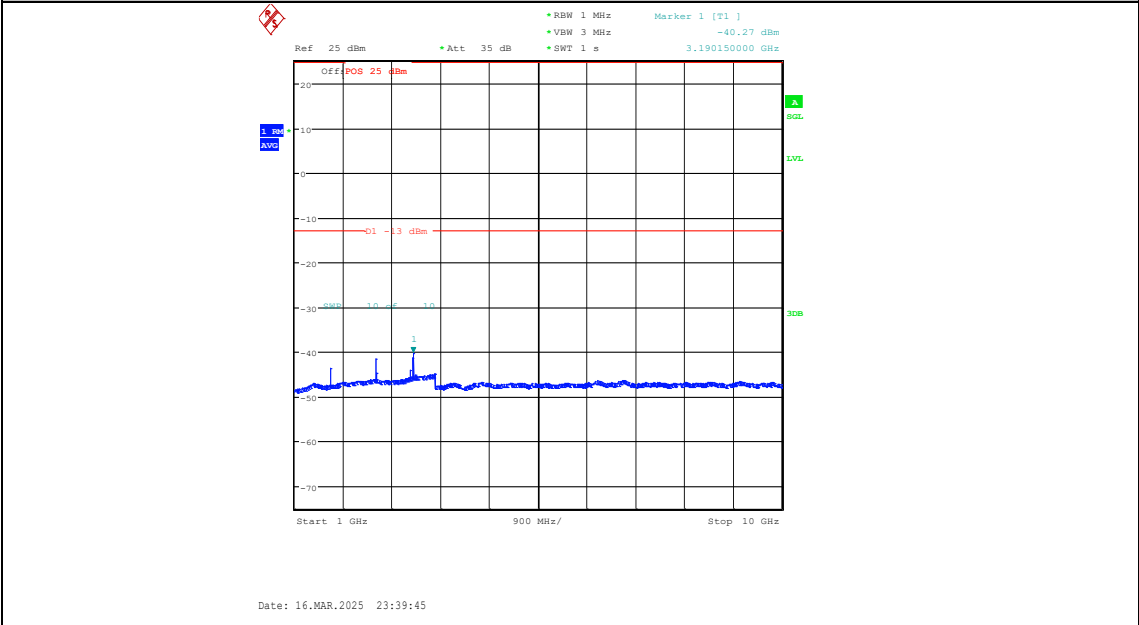
Band5-4182-3-0.009~0.15MHz-PASS



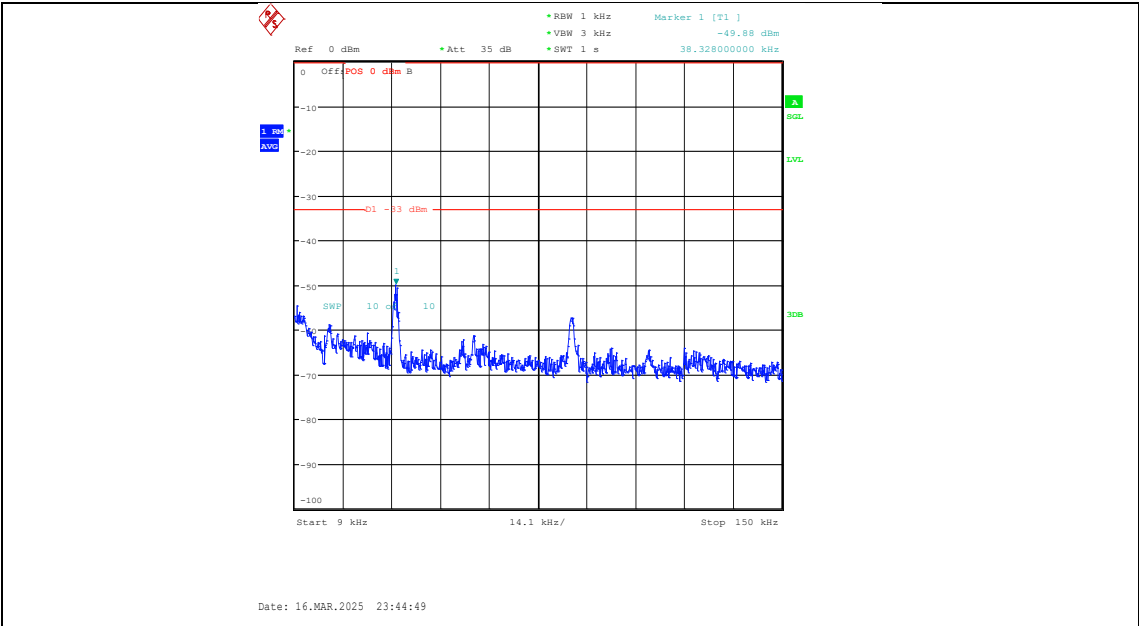
Band5-4182-3-0.15~30MHz-PASS



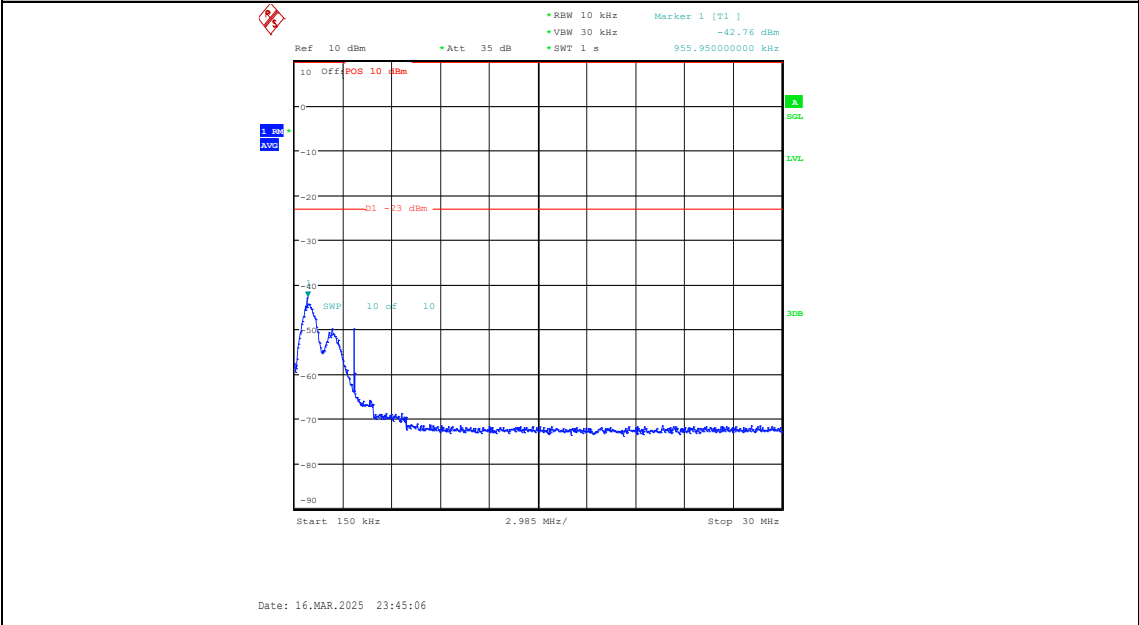
Band5-4182-3-30~1000MHz-PASS



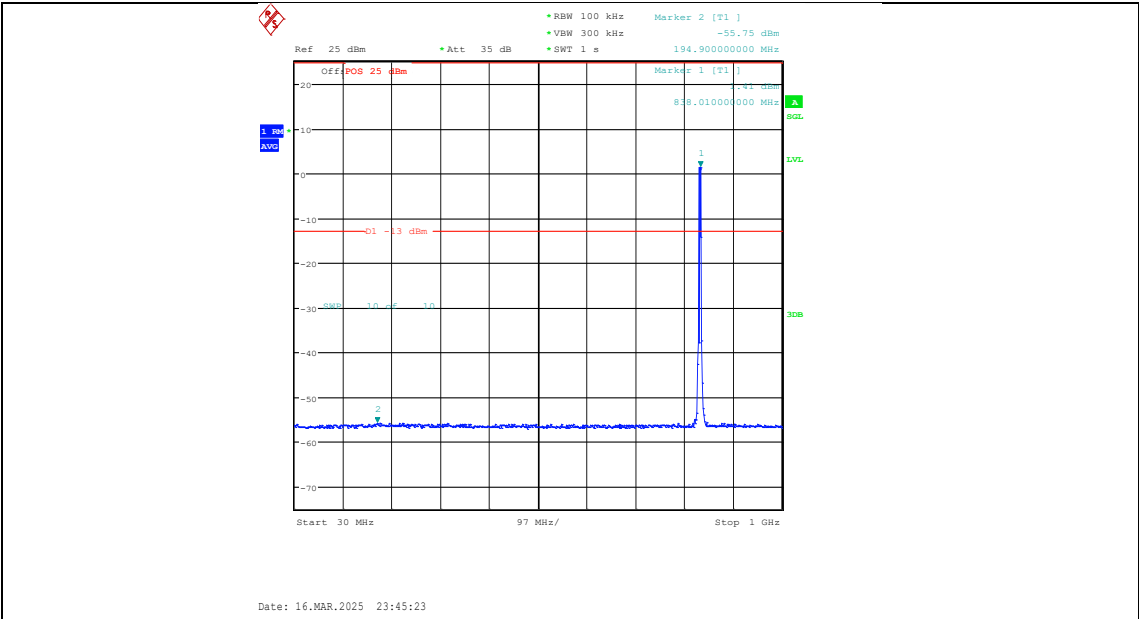
Band5-4182-3-1000~10000MHz-PASS



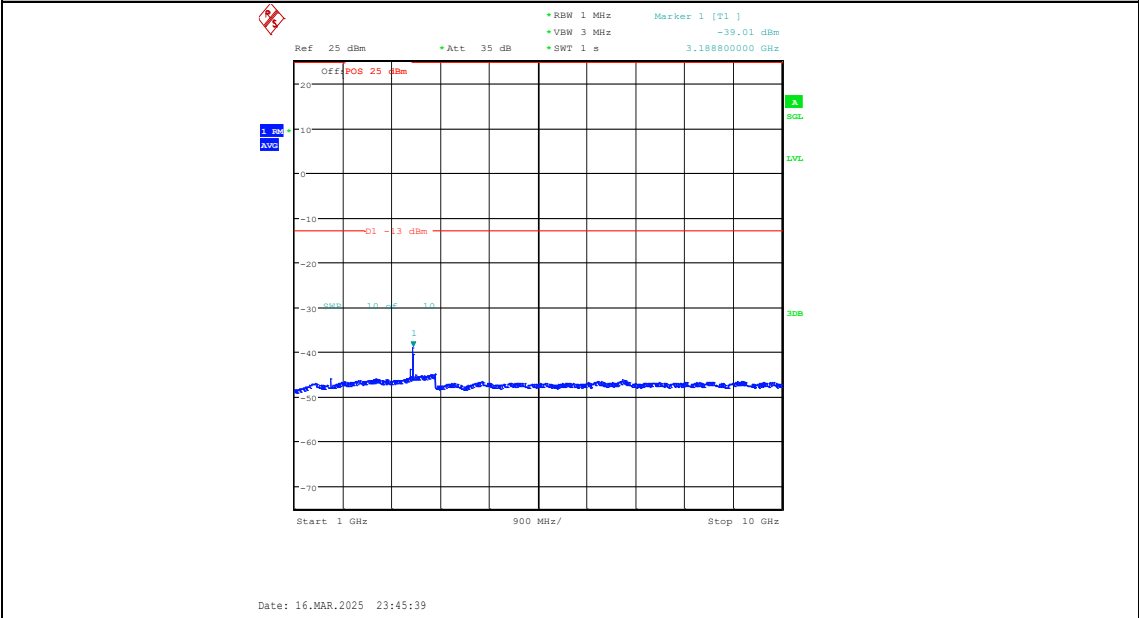
Band5-4182-4-0.009~0.15MHz-PASS



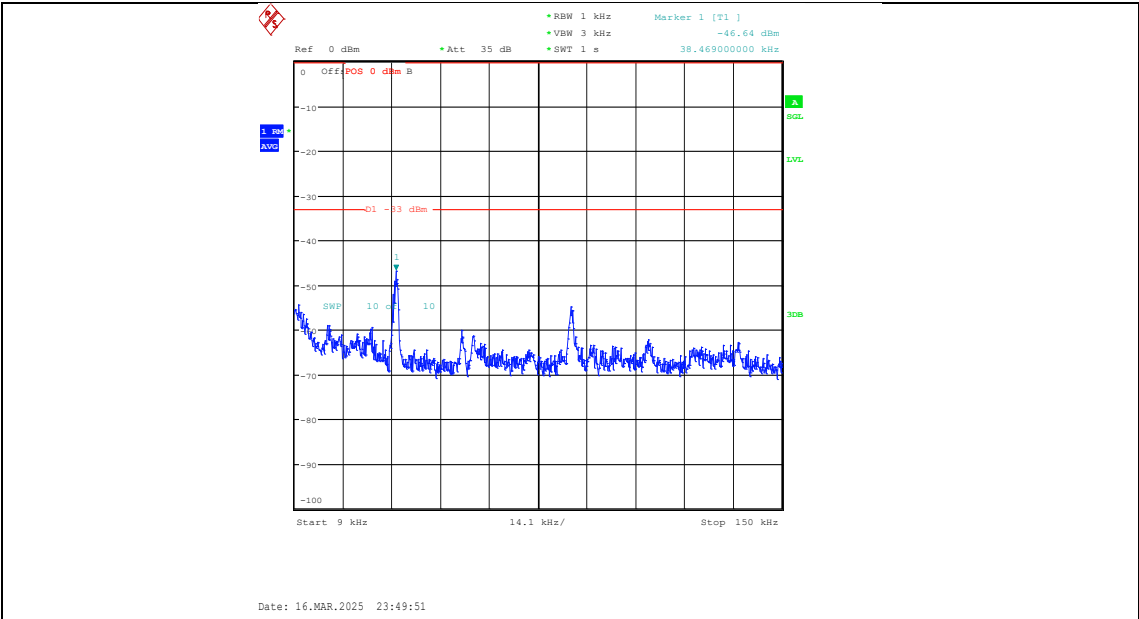
Band5-4182-4-0.15~30MHz-PASS



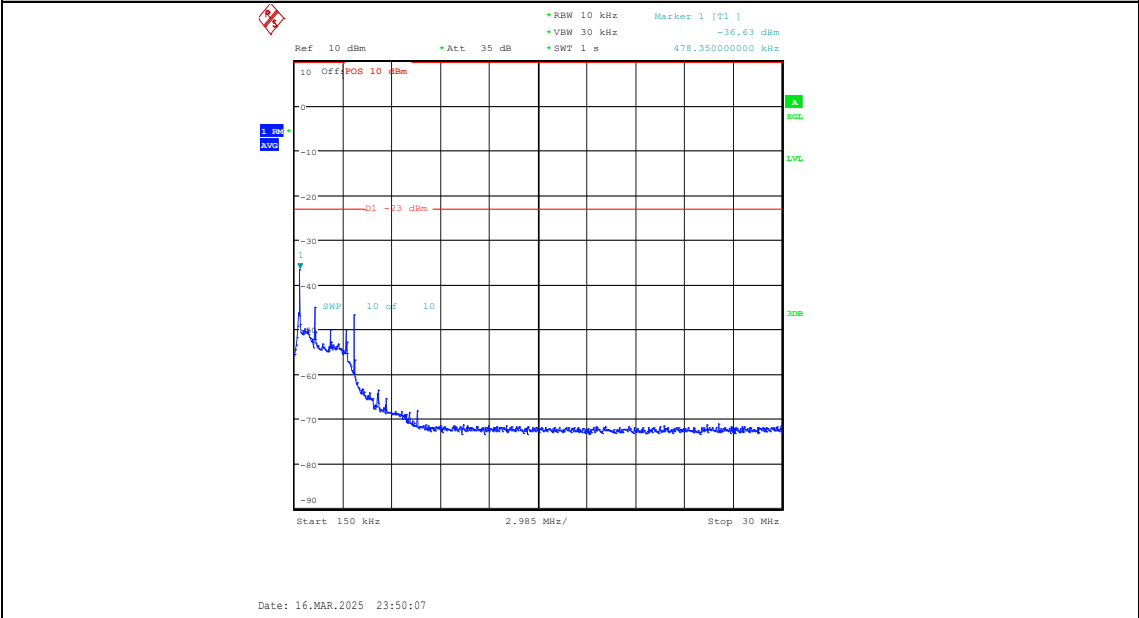
Band5-4182-4-30~1000MHz-PASS



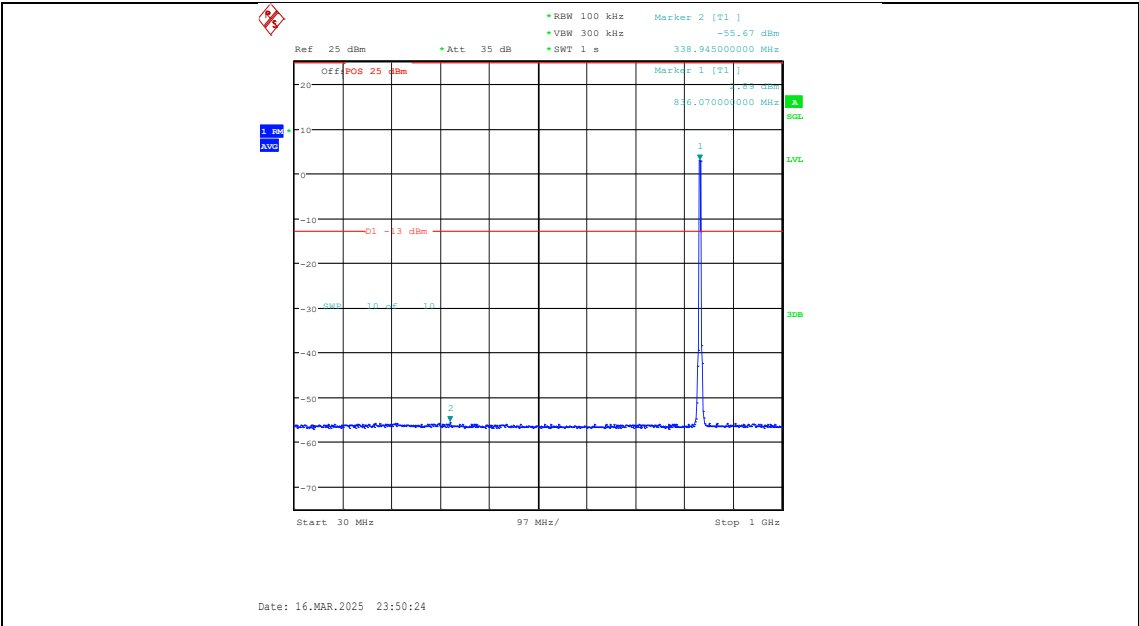
Band5-4182-4-1000~10000MHz-PASS



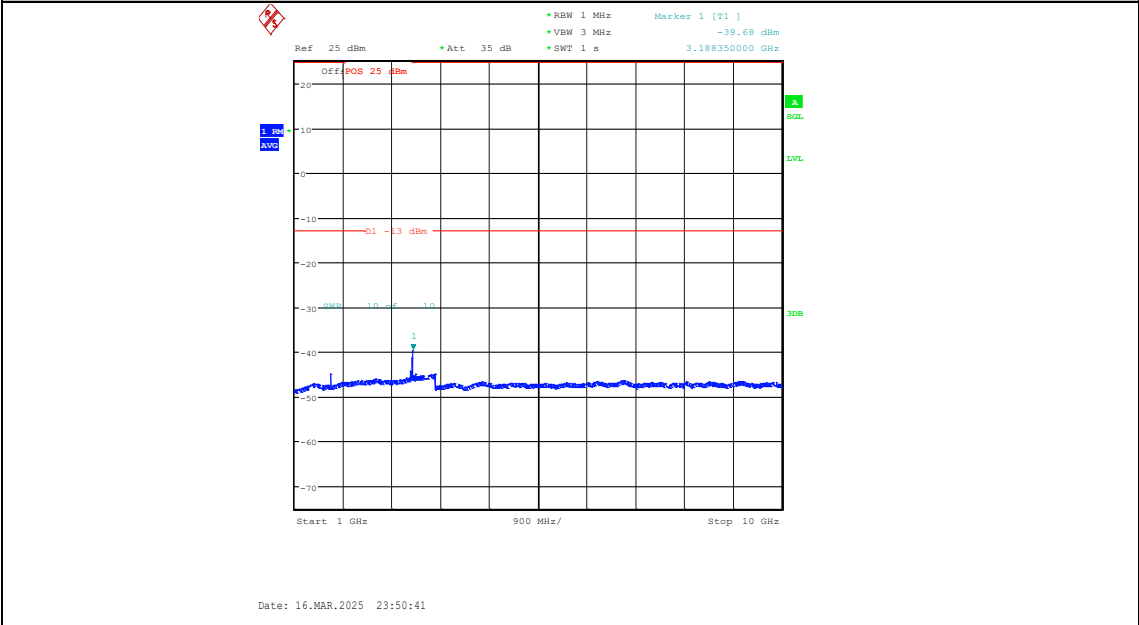
Band5-4182-5-0.009~0.15MHz-PASS



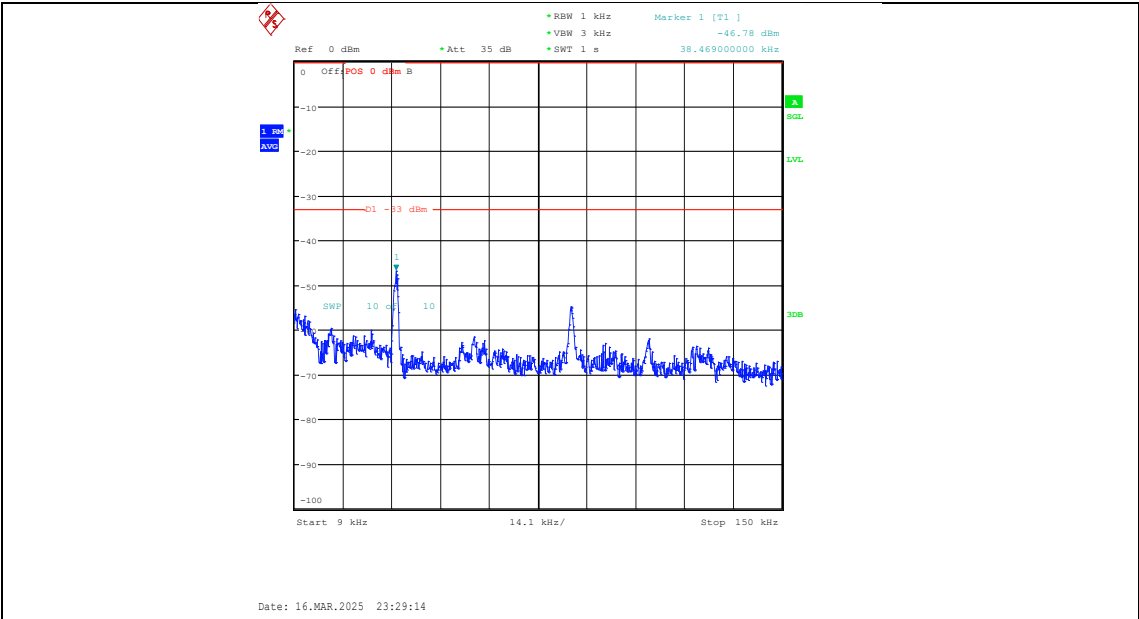
Band5-4182-5-0.15~30MHz-PASS



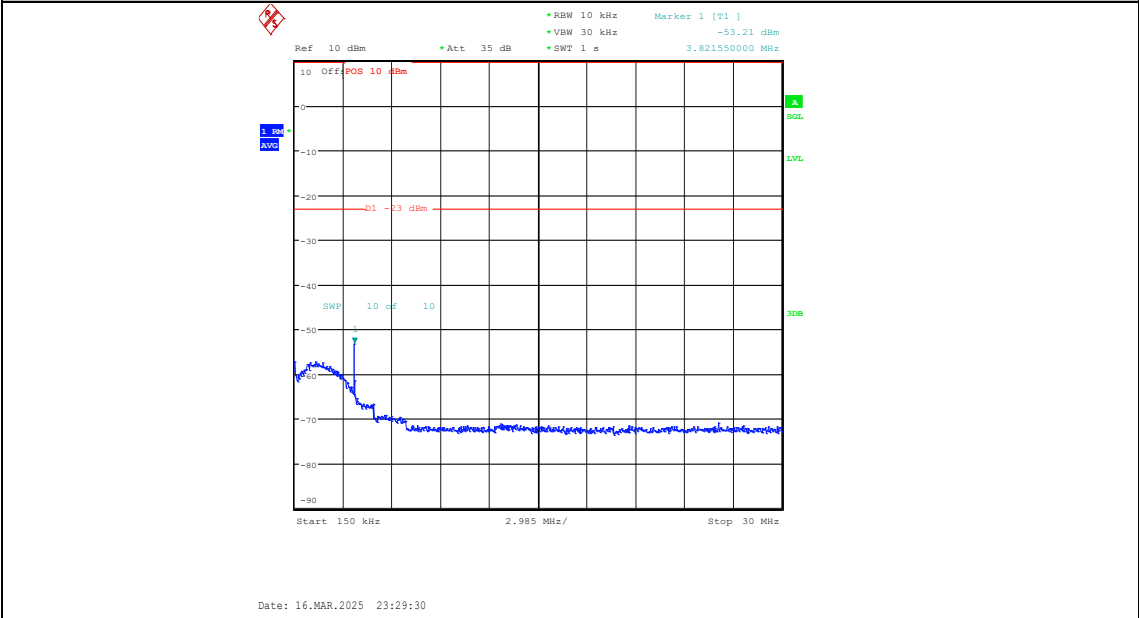
Band5-4182-5-30~1000MHz-PASS



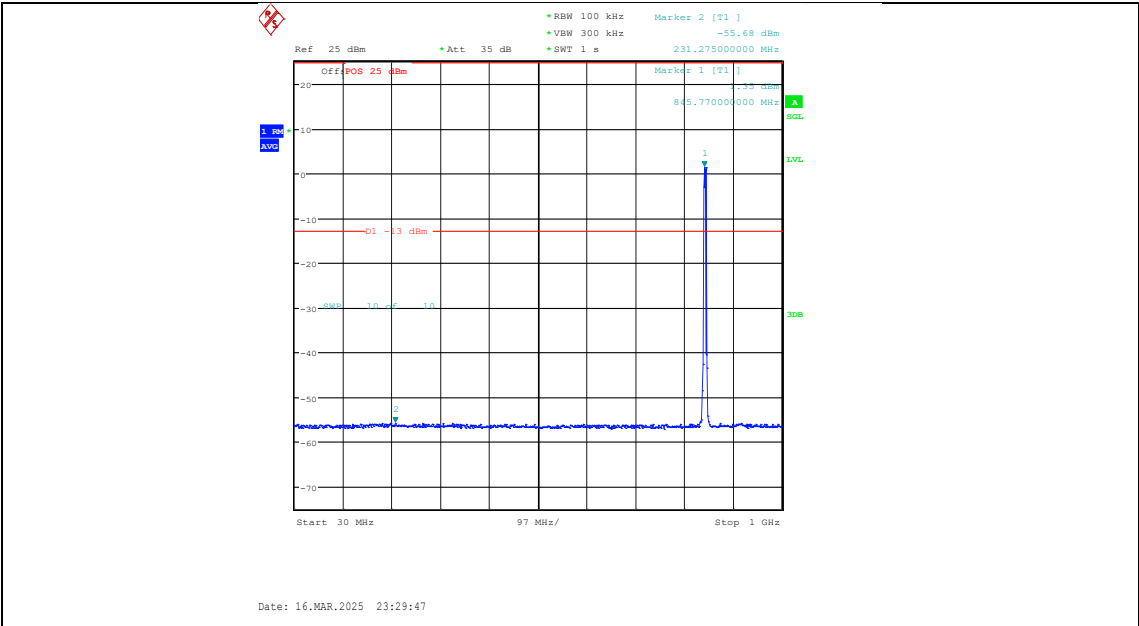
Band5-4182-5-1000~10000MHz-PASS



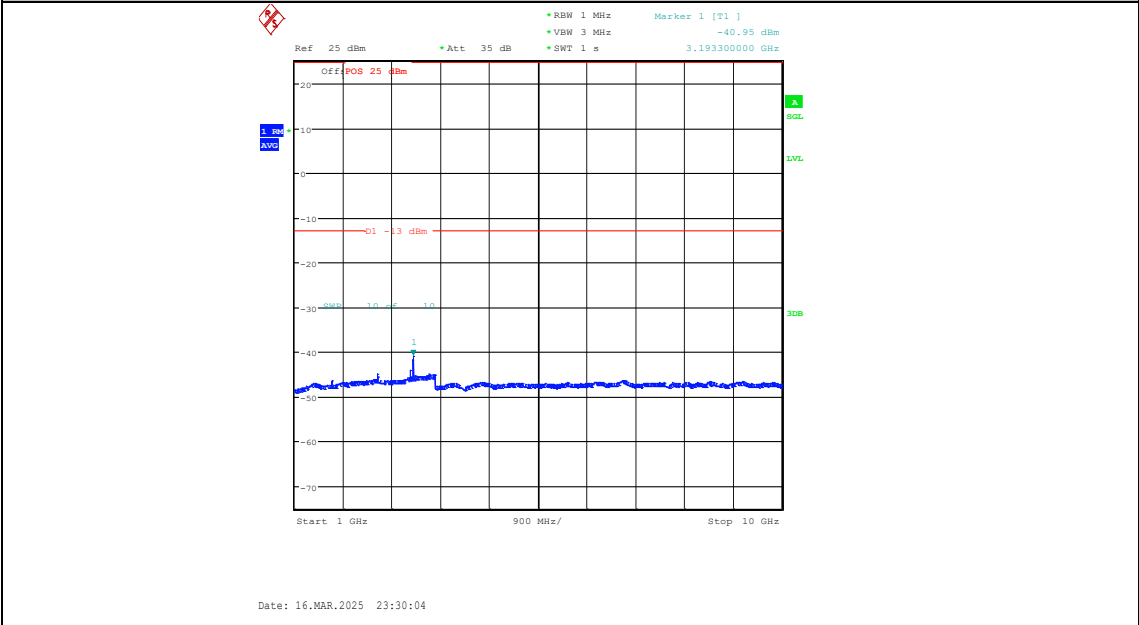
Band5-4233-1-0.009~0.15MHz-PASS



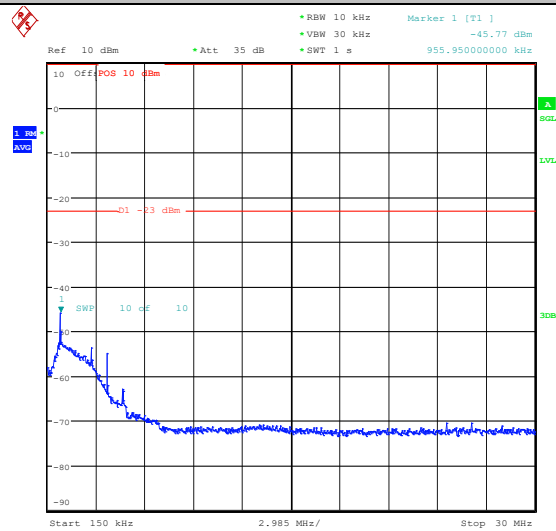
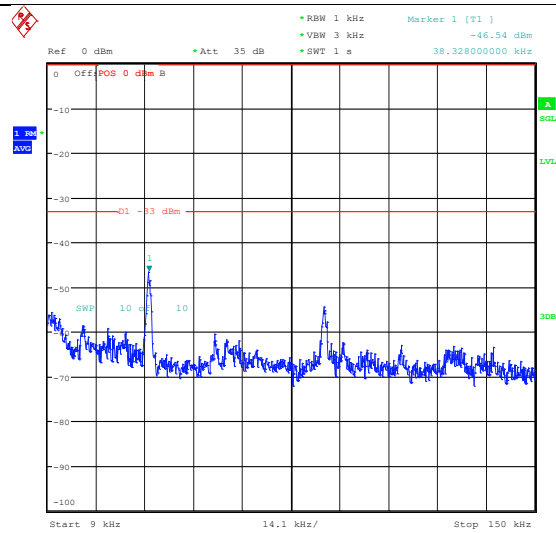
Band5-4233-1-0.15~30MHz-PASS



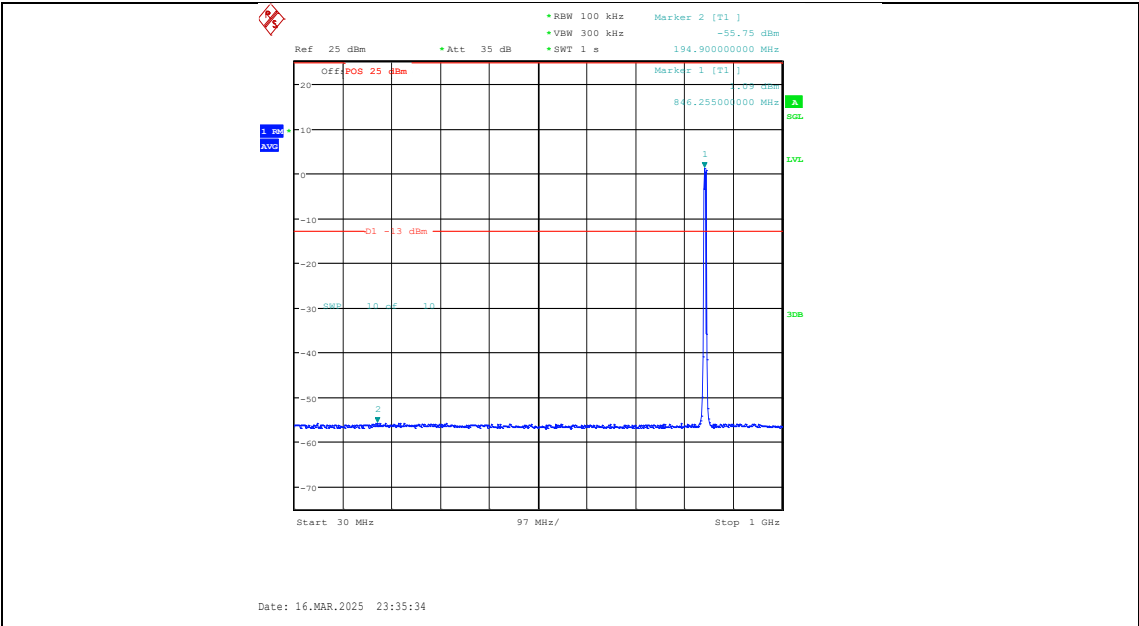
Band5-4233-1-30~1000MHz-PASS



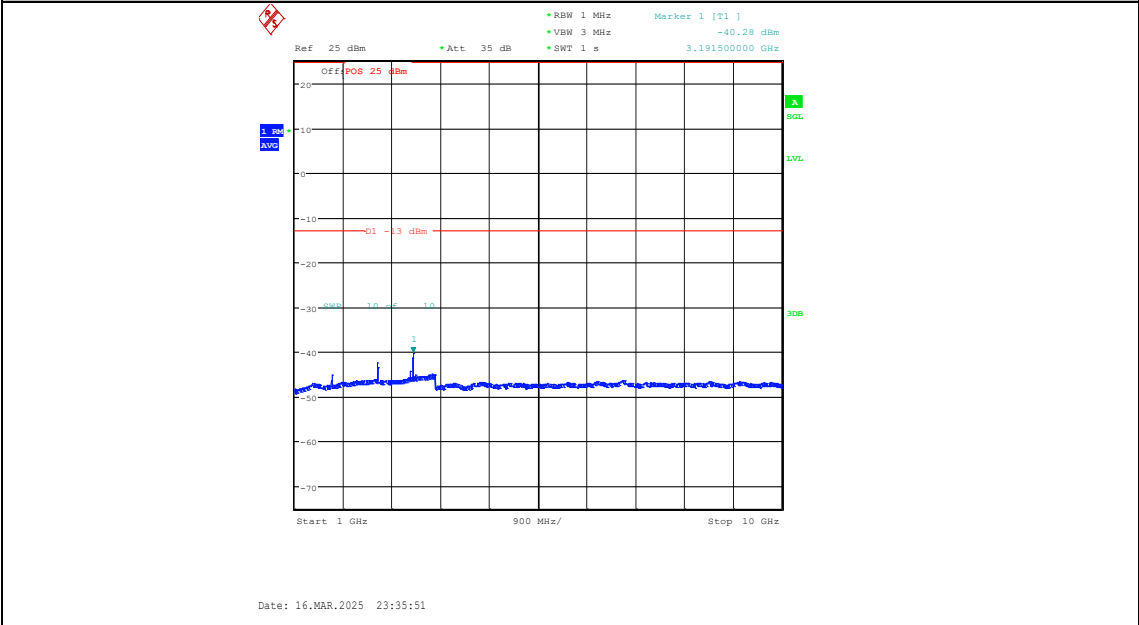
Band5-4233-1-1000~10000MHz-PASS



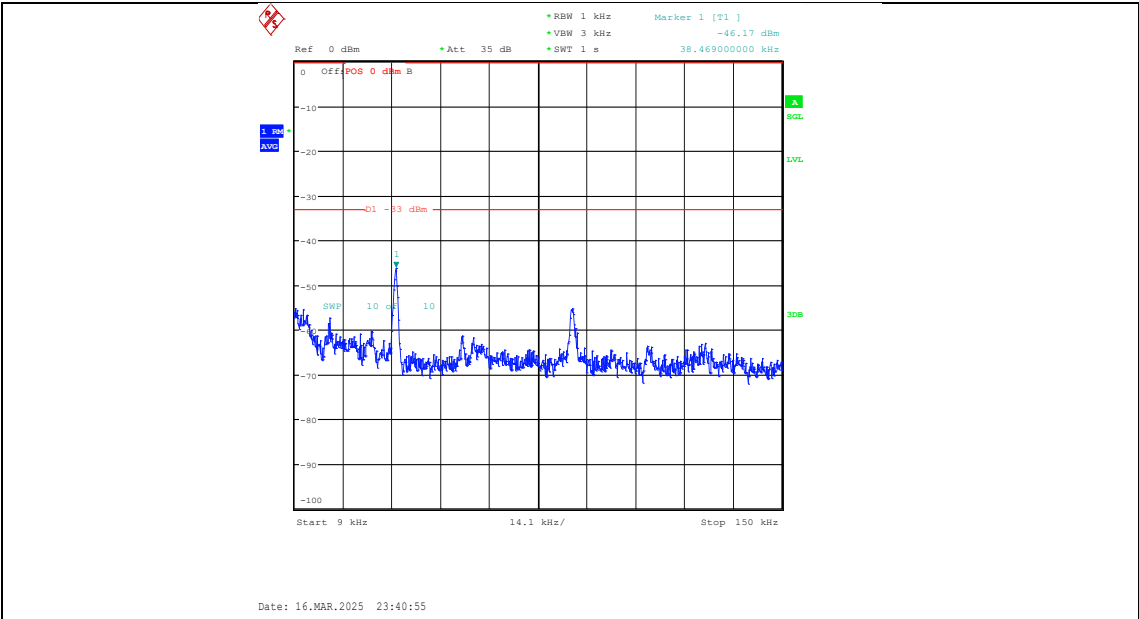
Band5-4233-2-0.15~30MHz-PASS



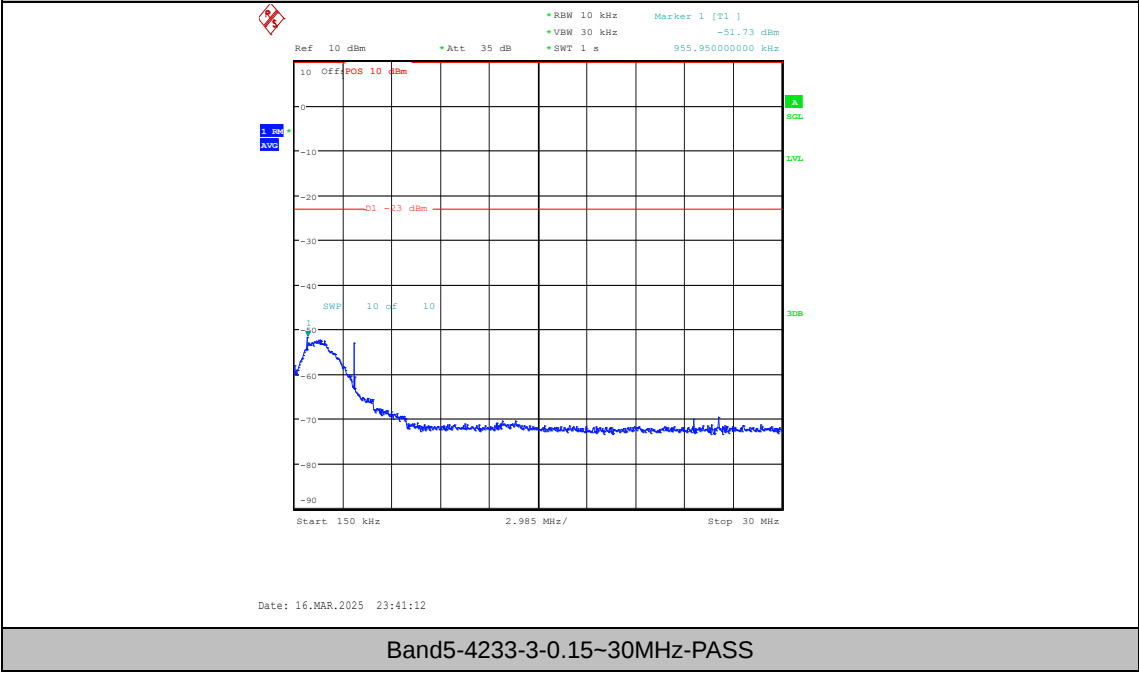
Band5-4233-2-30~1000MHz-PASS



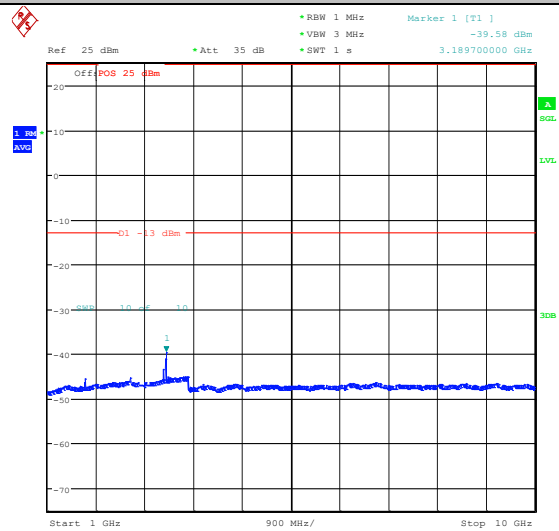
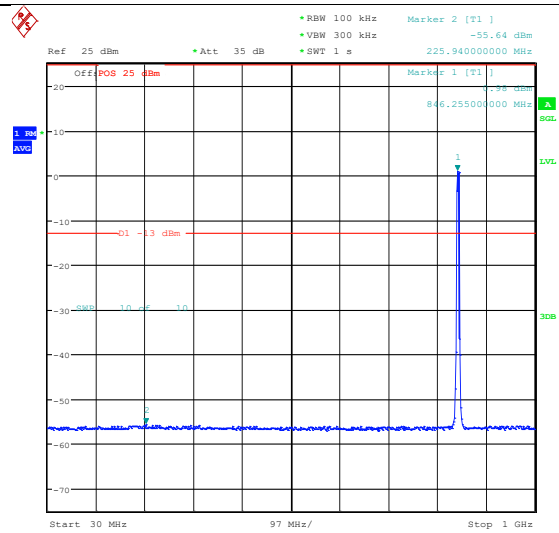
Band5-4233-2-1000~10000MHz-PASS



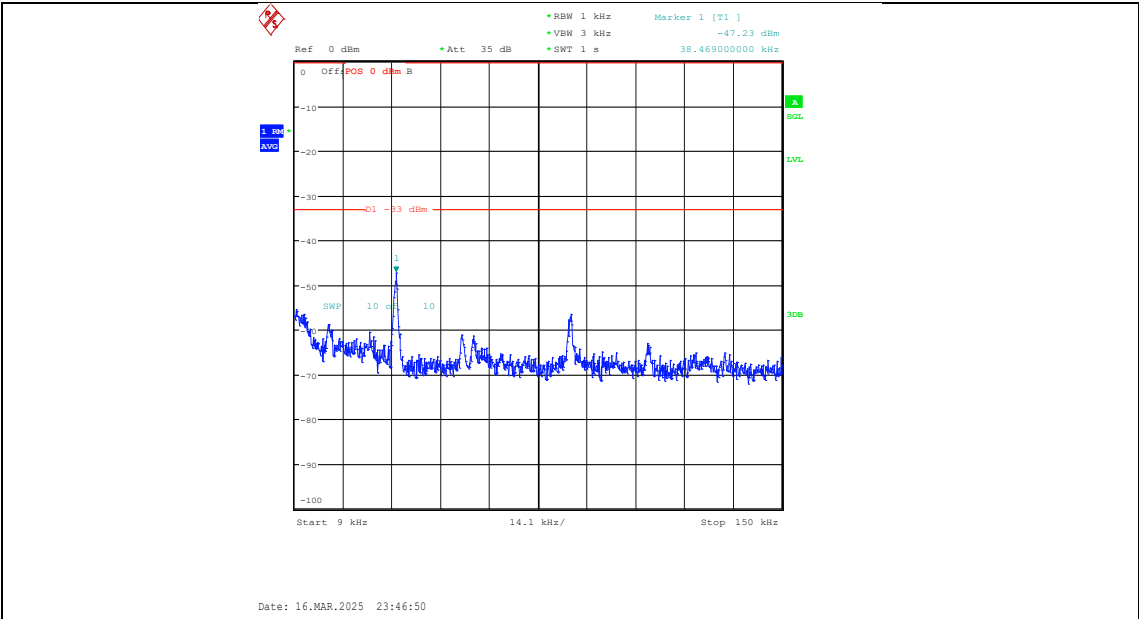
Band5-4233-3-0.009~0.15MHz-PASS



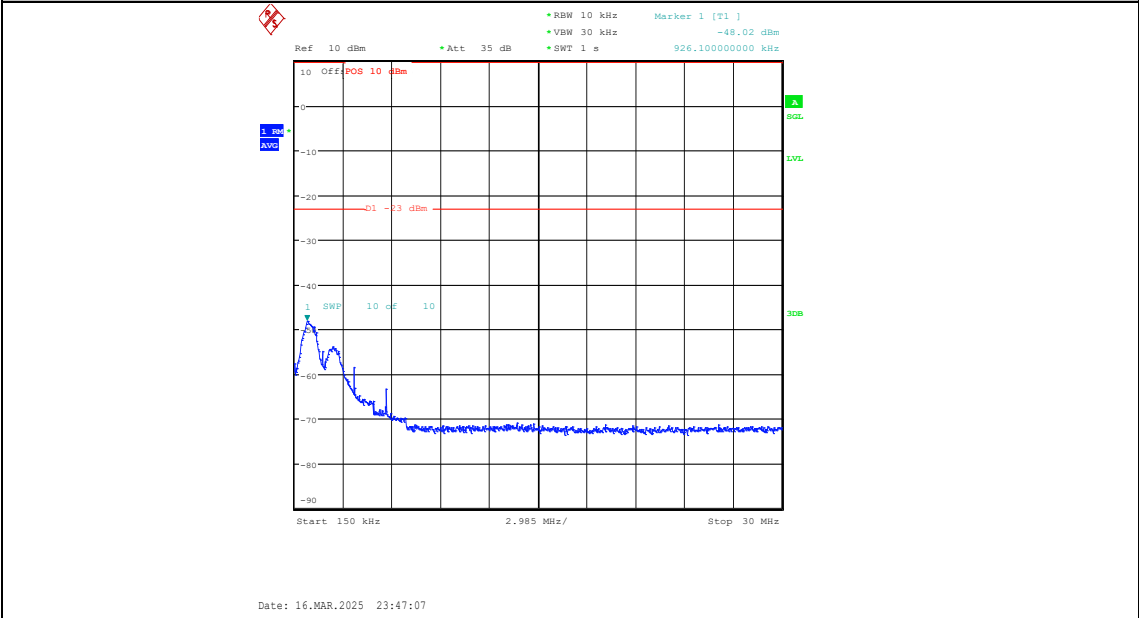
Band5-4233-3-0.15~30MHz-PASS



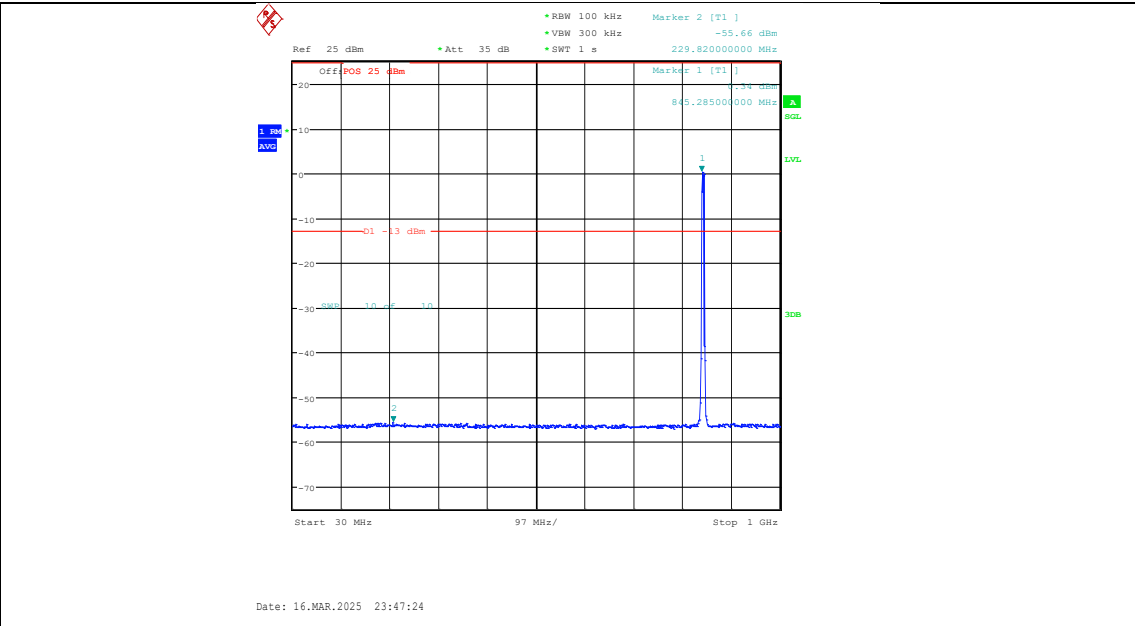
Band5-4233-3-1000~10000MHz-PASS



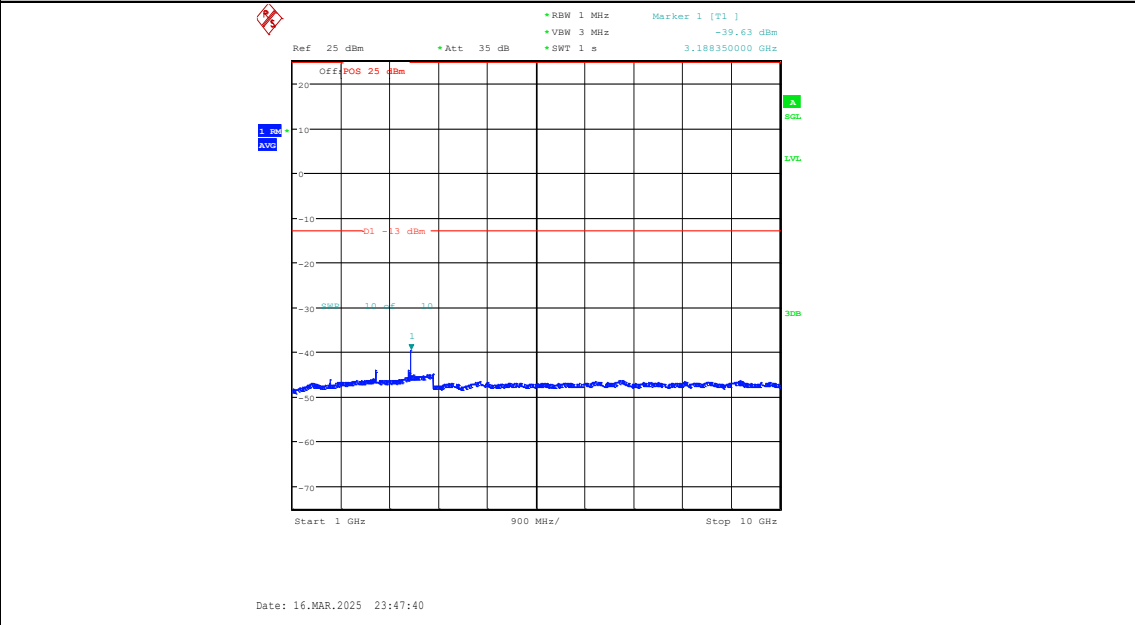
Band5-4233-4-0.009~0.15MHz-PASS



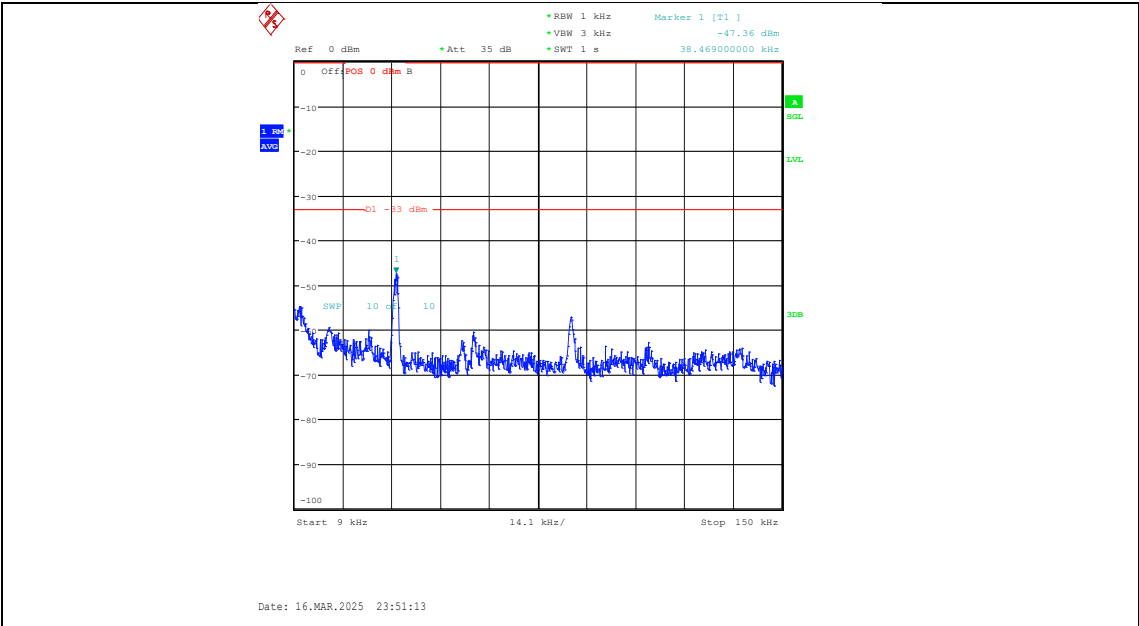
Band5-4233-4-0.15~30MHz-PASS



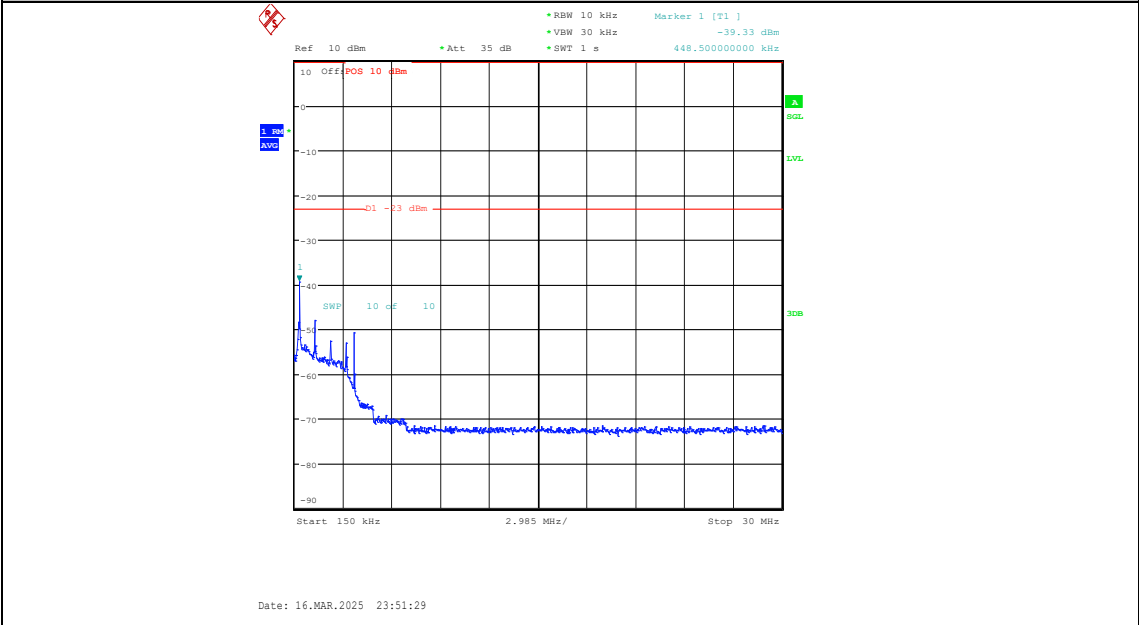
Band5-4233-4-30~1000MHz-PASS



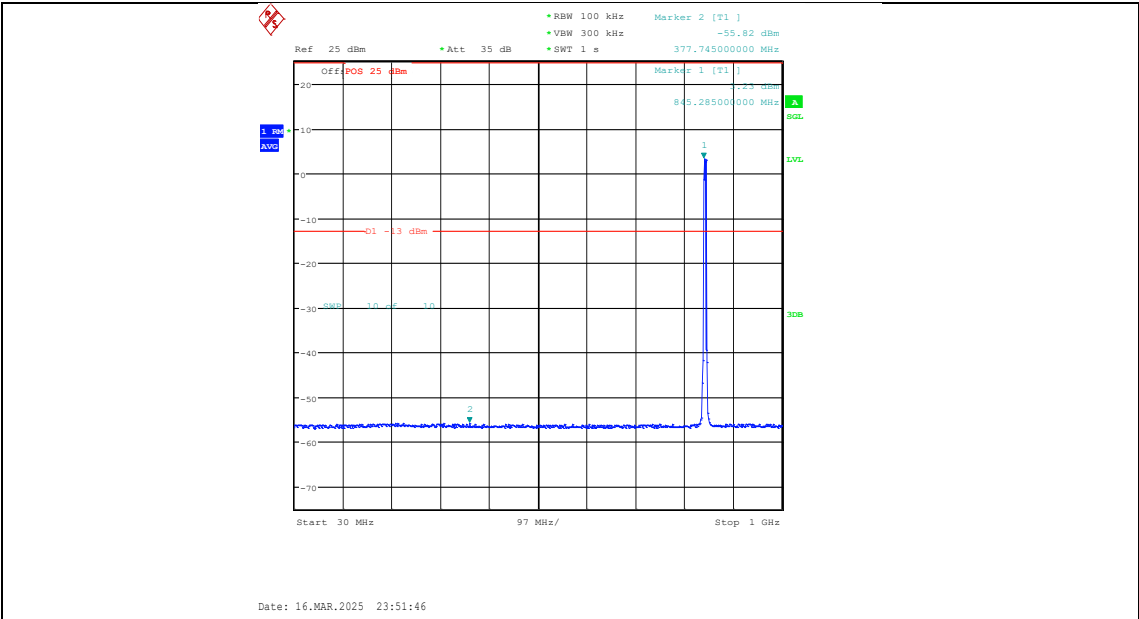
Band5-4233-4-1000~10000MHz-PASS



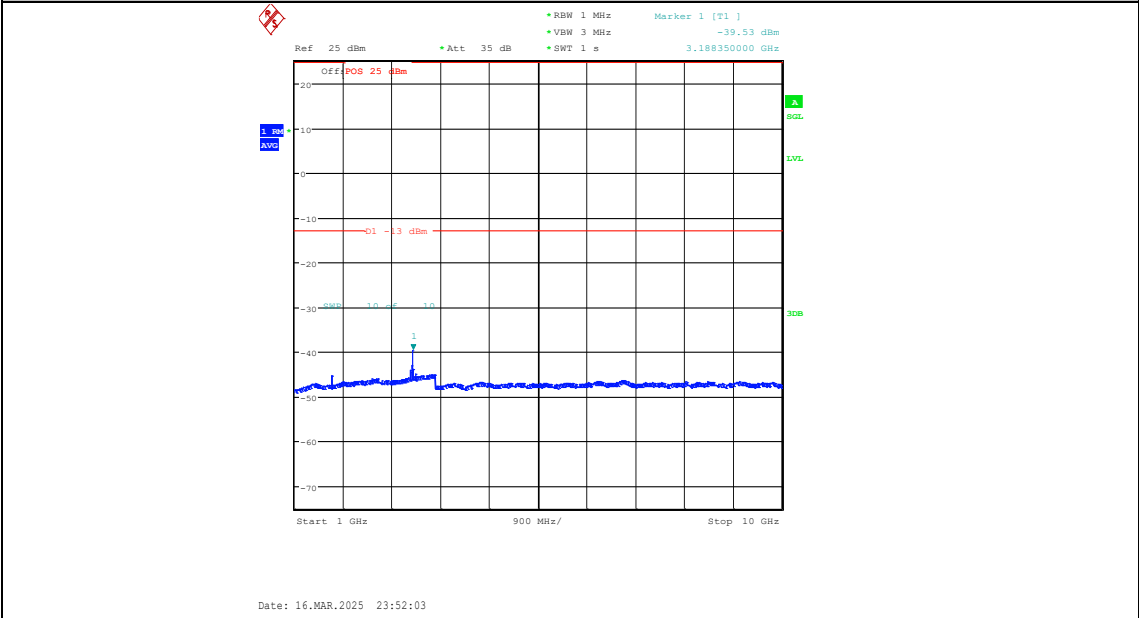
Band5-4233-5-0.009~0.15MHz-PASS



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



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



Band5-4233-5-1000~10000MHz-PASS

AppendixF:Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	VN	NT	-9.10	-0.011012	±2.5	PASS
Band5	4132	VL	NT	-0.59	-0.000714	±2.5	PASS
Band5	4132	VH	NT	-4.01	-0.004852	±2.5	PASS
Band5	4182	VN	NT	-3.13	-0.003742	±2.5	PASS
Band5	4182	VL	NT	-4.30	-0.005141	±2.5	PASS
Band5	4182	VH	NT	-2.82	-0.003372	±2.5	PASS
Band5	4233	VN	NT	-4.61	-0.005445	±2.5	PASS
Band5	4233	VL	NT	-1.86	-0.002197	±2.5	PASS
Band5	4233	VH	NT	-4.07	-0.004807	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	NV	-30	-5.41	-0.006546	±2.5	PASS
Band5	4132	NV	-20	-4.32	-0.005227	±2.5	PASS
Band5	4132	NV	-10	-4.93	-0.005966	±2.5	PASS
Band5	4132	NV	0	-3.18	-0.003848	±2.5	PASS
Band5	4132	NV	10	-1.01	-0.001222	±2.5	PASS
Band5	4132	NV	20	-1.46	-0.001767	±2.5	PASS
Band5	4132	NV	30	-4.59	-0.005554	±2.5	PASS
Band5	4132	NV	40	-4.20	-0.005082	±2.5	PASS
Band5	4132	NV	50	-7.02	-0.008495	±2.5	PASS
Band5	4182	NV	-30	-1.22	-0.001459	±2.5	PASS
Band5	4182	NV	-20	-2.36	-0.002822	±2.5	PASS
Band5	4182	NV	-10	-3.35	-0.004005	±2.5	PASS
Band5	4182	NV	0	-5.07	-0.006062	±2.5	PASS
Band5	4182	NV	10	-2.70	-0.003228	±2.5	PASS
Band5	4182	NV	20	-4.13	-0.004938	±2.5	PASS
Band5	4182	NV	30	-1.29	-0.001542	±2.5	PASS
Band5	4182	NV	40	-3.83	-0.004579	±2.5	PASS
Band5	4182	NV	50	-4.14	-0.004950	±2.5	PASS
Band5	4233	NV	-30	-2.69	-0.003177	±2.5	PASS
Band5	4233	NV	-20	-4.01	-0.004737	±2.5	PASS
Band5	4233	NV	-10	-3.21	-0.003792	±2.5	PASS
Band5	4233	NV	0	-3.00	-0.003544	±2.5	PASS

Band5	4233	NV	10	-4.12	-0.004867	±2.5	PASS
Band5	4233	NV	20	-4.08	-0.004819	±2.5	PASS
Band5	4233	NV	30	-5.00	-0.005906	±2.5	PASS
Band5	4233	NV	40	-2.58	-0.003047	±2.5	PASS
Band5	4233	NV	50	-1.58	-0.001866	±2.5	PASS

Voltage								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	VN	NT	-6.63	-0.008023	±2.5	PASS
Band5	4132	1	VL	NT	-5.76	-0.006970	±2.5	PASS
Band5	4132	1	VH	NT	-3.14	-0.003800	±2.5	PASS
Band5	4132	2	VN	NT	-4.91	-0.005941	±2.5	PASS
Band5	4132	2	VL	NT	-3.85	-0.004659	±2.5	PASS
Band5	4132	2	VH	NT	-6.42	-0.007769	±2.5	PASS
Band5	4132	3	VN	NT	-7.22	-0.008737	±2.5	PASS
Band5	4132	3	VL	NT	-6.21	-0.007515	±2.5	PASS
Band5	4132	3	VH	NT	-4.93	-0.005966	±2.5	PASS
Band5	4132	4	VN	NT	-5.92	-0.007164	±2.5	PASS
Band5	4132	4	VL	NT	-4.04	-0.004889	±2.5	PASS
Band5	4132	4	VH	NT	-4.03	-0.004877	±2.5	PASS
Band5	4182	1	VN	NT	-4.63	-0.005536	±2.5	PASS
Band5	4182	1	VL	NT	-5.28	-0.006313	±2.5	PASS
Band5	4182	1	VH	NT	-5.74	-0.006863	±2.5	PASS
Band5	4182	2	VN	NT	-5.27	-0.006301	±2.5	PASS
Band5	4182	2	VL	NT	-4.65	-0.005560	±2.5	PASS
Band5	4182	2	VH	NT	-5.19	-0.006205	±2.5	PASS
Band5	4182	3	VN	NT	-3.66	-0.004376	±2.5	PASS
Band5	4182	3	VL	NT	-3.93	-0.004699	±2.5	PASS
Band5	4182	3	VH	NT	-4.26	-0.005093	±2.5	PASS
Band5	4182	4	VN	NT	-6.22	-0.007437	±2.5	PASS
Band5	4182	4	VL	NT	-5.07	-0.006062	±2.5	PASS
Band5	4182	4	VH	NT	-2.58	-0.003085	±2.5	PASS
Band5	4233	1	VN	NT	-6.34	-0.007489	±2.5	PASS
Band5	4233	1	VL	NT	-3.35	-0.003957	±2.5	PASS
Band5	4233	1	VH	NT	-3.77	-0.004453	±2.5	PASS
Band5	4233	2	VN	NT	-5.64	-0.006662	±2.5	PASS
Band5	4233	2	VL	NT	-4.00	-0.004725	±2.5	PASS
Band5	4233	2	VH	NT	-6.05	-0.007146	±2.5	PASS
Band5	4233	3	VN	NT	-5.70	-0.006733	±2.5	PASS
Band5	4233	3	VL	NT	-6.49	-0.007666	±2.5	PASS
Band5	4233	3	VH	NT	-1.71	-0.002020	±2.5	PASS

Band5	4233	4	VN	NT	-5.26	-0.006213	±2.5	PASS
Band5	4233	4	VL	NT	-5.87	-0.006934	±2.5	PASS
Band5	4233	4	VH	NT	-6.22	-0.007347	±2.5	PASS

Temperature								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	NV	-30	-4.24	-0.005131	±2.5	PASS
Band5	4132	1	NV	-20	-6.07	-0.007345	±2.5	PASS
Band5	4132	1	NV	-10	-2.92	-0.003533	±2.5	PASS
Band5	4132	1	NV	0	-3.26	-0.003945	±2.5	PASS
Band5	4132	1	NV	10	-3.40	-0.004114	±2.5	PASS
Band5	4132	1	NV	20	-6.01	-0.007273	±2.5	PASS
Band5	4132	1	NV	30	-6.02	-0.007285	±2.5	PASS
Band5	4132	1	NV	40	-3.81	-0.004610	±2.5	PASS
Band5	4132	1	NV	50	-1.63	-0.001972	±2.5	PASS
Band5	4132	2	NV	-30	-5.51	-0.006667	±2.5	PASS
Band5	4132	2	NV	-20	-5.44	-0.006583	±2.5	PASS
Band5	4132	2	NV	-10	-4.36	-0.005276	±2.5	PASS
Band5	4132	2	NV	0	-1.70	-0.002057	±2.5	PASS
Band5	4132	2	NV	10	-5.40	-0.006534	±2.5	PASS
Band5	4132	2	NV	20	-4.36	-0.005276	±2.5	PASS
Band5	4132	2	NV	30	-3.90	-0.004719	±2.5	PASS
Band5	4132	2	NV	40	-5.18	-0.006268	±2.5	PASS
Band5	4132	2	NV	50	-3.70	-0.004477	±2.5	PASS
Band5	4132	3	NV	-30	-5.18	-0.006268	±2.5	PASS
Band5	4132	3	NV	-20	-5.51	-0.006667	±2.5	PASS
Band5	4132	3	NV	-10	-3.44	-0.004163	±2.5	PASS
Band5	4132	3	NV	0	-4.38	-0.005300	±2.5	PASS
Band5	4132	3	NV	10	-4.63	-0.005603	±2.5	PASS
Band5	4132	3	NV	20	-2.14	-0.002590	±2.5	PASS
Band5	4132	3	NV	30	-4.72	-0.005712	±2.5	PASS
Band5	4132	3	NV	40	-5.94	-0.007188	±2.5	PASS
Band5	4132	3	NV	50	-5.39	-0.006522	±2.5	PASS
Band5	4132	4	NV	-30	-6.09	-0.007369	±2.5	PASS
Band5	4132	4	NV	-20	-4.76	-0.005760	±2.5	PASS
Band5	4132	4	NV	-10	-3.78	-0.004574	±2.5	PASS
Band5	4132	4	NV	0	-2.61	-0.003158	±2.5	PASS
Band5	4132	4	NV	10	-3.90	-0.004719	±2.5	PASS
Band5	4132	4	NV	20	-4.51	-0.005457	±2.5	PASS
Band5	4132	4	NV	30	-5.66	-0.006849	±2.5	PASS

Band5	4132	4	NV	40	-4.09	-0.004949	±2.5	PASS
Band5	4132	4	NV	50	-4.64	-0.005615	±2.5	PASS
Band5	4182	1	NV	-30	-3.40	-0.004065	±2.5	PASS
Band5	4182	1	NV	-20	-0.48	-0.000574	±2.5	PASS
Band5	4182	1	NV	-10	-2.17	-0.002594	±2.5	PASS
Band5	4182	1	NV	0	-4.96	-0.005930	±2.5	PASS
Band5	4182	1	NV	10	-3.09	-0.003694	±2.5	PASS
Band5	4182	1	NV	20	-3.55	-0.004244	±2.5	PASS
Band5	4182	1	NV	30	-2.22	-0.002654	±2.5	PASS
Band5	4182	1	NV	40	-4.23	-0.005057	±2.5	PASS
Band5	4182	1	NV	50	-3.65	-0.004364	±2.5	PASS
Band5	4182	2	NV	-30	-1.86	-0.002224	±2.5	PASS
Band5	4182	2	NV	-20	-1.09	-0.001303	±2.5	PASS
Band5	4182	2	NV	-10	-4.56	-0.005452	±2.5	PASS
Band5	4182	2	NV	0	-2.80	-0.003348	±2.5	PASS
Band5	4182	2	NV	10	-3.44	-0.004113	±2.5	PASS
Band5	4182	2	NV	20	-5.89	-0.007042	±2.5	PASS
Band5	4182	2	NV	30	-5.00	-0.005978	±2.5	PASS
Band5	4182	2	NV	40	-2.33	-0.002786	±2.5	PASS
Band5	4182	2	NV	50	-2.50	-0.002989	±2.5	PASS
Band5	4182	3	NV	-30	-3.29	-0.003934	±2.5	PASS
Band5	4182	3	NV	-20	-3.88	-0.004639	±2.5	PASS
Band5	4182	3	NV	-10	-3.37	-0.004029	±2.5	PASS
Band5	4182	3	NV	0	-2.83	-0.003384	±2.5	PASS
Band5	4182	3	NV	10	-2.80	-0.003348	±2.5	PASS
Band5	4182	3	NV	20	-3.37	-0.004029	±2.5	PASS
Band5	4182	3	NV	30	-1.50	-0.001793	±2.5	PASS
Band5	4182	3	NV	40	-3.17	-0.003790	±2.5	PASS
Band5	4182	3	NV	50	-2.49	-0.002977	±2.5	PASS
Band5	4182	4	NV	-30	-2.45	-0.002929	±2.5	PASS
Band5	4182	4	NV	-20	-2.69	-0.003216	±2.5	PASS
Band5	4182	4	NV	-10	2.95	0.003527	±2.5	PASS
Band5	4182	4	NV	0	-2.17	-0.002594	±2.5	PASS
Band5	4182	4	NV	10	-5.09	-0.006086	±2.5	PASS
Band5	4182	4	NV	20	-19.79	-0.023661	±2.5	PASS
Band5	4182	4	NV	30	-2.78	-0.003324	±2.5	PASS
Band5	4182	4	NV	40	-4.88	-0.005835	±2.5	PASS
Band5	4182	4	NV	50	-2.97	-0.003551	±2.5	PASS
Band5	4233	1	NV	-30	-5.01	-0.005918	±2.5	PASS
Band5	4233	1	NV	-20	-4.64	-0.005481	±2.5	PASS
Band5	4233	1	NV	-10	-5.61	-0.006627	±2.5	PASS

Band5	4233	1	NV	0	-3.49	-0.004122	±2.5	PASS
Band5	4233	1	NV	10	-4.91	-0.005800	±2.5	PASS
Band5	4233	1	NV	20	-3.73	-0.004406	±2.5	PASS
Band5	4233	1	NV	30	-4.73	-0.005587	±2.5	PASS
Band5	4233	1	NV	40	-5.01	-0.005918	±2.5	PASS
Band5	4233	1	NV	50	-1.23	-0.001453	±2.5	PASS
Band5	4233	2	NV	-30	-4.36	-0.005150	±2.5	PASS
Band5	4233	2	NV	-20	-2.80	-0.003307	±2.5	PASS
Band5	4233	2	NV	-10	-0.39	-0.000461	±2.5	PASS
Band5	4233	2	NV	0	-2.24	-0.002646	±2.5	PASS
Band5	4233	2	NV	10	-4.23	-0.004996	±2.5	PASS
Band5	4233	2	NV	20	-5.00	-0.005906	±2.5	PASS
Band5	4233	2	NV	30	-2.69	-0.003177	±2.5	PASS
Band5	4233	2	NV	40	-4.74	-0.005599	±2.5	PASS
Band5	4233	2	NV	50	-4.89	-0.005776	±2.5	PASS
Band5	4233	3	NV	-30	-3.80	-0.004489	±2.5	PASS
Band5	4233	3	NV	-20	-2.47	-0.002918	±2.5	PASS
Band5	4233	3	NV	-10	-5.56	-0.006567	±2.5	PASS
Band5	4233	3	NV	0	-1.57	-0.001854	±2.5	PASS
Band5	4233	3	NV	10	-3.60	-0.004252	±2.5	PASS
Band5	4233	3	NV	20	-3.93	-0.004642	±2.5	PASS
Band5	4233	3	NV	30	-4.16	-0.004914	±2.5	PASS
Band5	4233	3	NV	40	-6.49	-0.007666	±2.5	PASS
Band5	4233	3	NV	50	-4.36	-0.005150	±2.5	PASS
Band5	4233	4	NV	-30	-5.29	-0.006249	±2.5	PASS
Band5	4233	4	NV	-20	-3.54	-0.004181	±2.5	PASS
Band5	4233	4	NV	-10	-4.79	-0.005658	±2.5	PASS
Band5	4233	4	NV	0	-4.14	-0.004890	±2.5	PASS
Band5	4233	4	NV	10	-2.98	-0.003520	±2.5	PASS
Band5	4233	4	NV	20	-3.67	-0.004335	±2.5	PASS
Band5	4233	4	NV	30	-2.89	-0.003414	±2.5	PASS
Band5	4233	4	NV	40	-3.01	-0.003555	±2.5	PASS
Band5	4233	4	NV	50	-5.36	-0.006331	±2.5	PASS

Voltage								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	VN	NT	-5.42	-0.006559	±2.5	PASS
Band5	4132	1	VL	NT	-8.15	-0.009862	±2.5	PASS
Band5	4132	1	VH	NT	-6.57	-0.007950	±2.5	PASS
Band5	4132	2	VN	NT	-6.21	-0.007515	±2.5	PASS

Band5	4132	2	VL	NT	-4.69	-0.005675	±2.5	PASS
Band5	4132	2	VH	NT	-5.89	-0.007127	±2.5	PASS
Band5	4132	3	VN	NT	-6.69	-0.008095	±2.5	PASS
Band5	4132	3	VL	NT	-5.74	-0.006946	±2.5	PASS
Band5	4132	3	VH	NT	-6.37	-0.007708	±2.5	PASS
Band5	4132	4	VN	NT	-8.24	-0.009971	±2.5	PASS
Band5	4132	4	VL	NT	-7.91	-0.009572	±2.5	PASS
Band5	4132	4	VH	NT	-6.80	-0.008228	±2.5	PASS
Band5	4132	5	VN	NT	-7.10	-0.008591	±2.5	PASS
Band5	4132	5	VL	NT	-6.45	-0.007805	±2.5	PASS
Band5	4132	5	VH	NT	-3.20	-0.003872	±2.5	PASS
Band5	4182	1	VN	NT	-6.11	-0.007305	±2.5	PASS
Band5	4182	1	VL	NT	-4.51	-0.005392	±2.5	PASS
Band5	4182	1	VH	NT	-5.84	-0.006982	±2.5	PASS
Band5	4182	2	VN	NT	-7.32	-0.008752	±2.5	PASS
Band5	4182	2	VL	NT	-6.59	-0.007879	±2.5	PASS
Band5	4182	2	VH	NT	-4.86	-0.005811	±2.5	PASS
Band5	4182	3	VN	NT	-7.90	-0.009445	±2.5	PASS
Band5	4182	3	VL	NT	-5.33	-0.006373	±2.5	PASS
Band5	4182	3	VH	NT	-5.24	-0.006265	±2.5	PASS
Band5	4182	4	VN	NT	-5.45	-0.006516	±2.5	PASS
Band5	4182	4	VL	NT	-5.82	-0.006958	±2.5	PASS
Band5	4182	4	VH	NT	-5.52	-0.006600	±2.5	PASS
Band5	4182	5	VN	NT	-6.24	-0.007461	±2.5	PASS
Band5	4182	5	VL	NT	-6.09	-0.007281	±2.5	PASS
Band5	4182	5	VH	NT	-3.79	-0.004531	±2.5	PASS
Band5	4233	1	VN	NT	-8.25	-0.009745	±2.5	PASS
Band5	4233	1	VL	NT	-6.50	-0.007678	±2.5	PASS
Band5	4233	1	VH	NT	-5.69	-0.006721	±2.5	PASS
Band5	4233	2	VN	NT	-8.68	-0.010253	±2.5	PASS
Band5	4233	2	VL	NT	-6.32	-0.007465	±2.5	PASS
Band5	4233	2	VH	NT	-5.92	-0.006993	±2.5	PASS
Band5	4233	3	VN	NT	-7.61	-0.008989	±2.5	PASS
Band5	4233	3	VL	NT	-6.71	-0.007926	±2.5	PASS
Band5	4233	3	VH	NT	-5.49	-0.006485	±2.5	PASS
Band5	4233	4	VN	NT	-5.78	-0.006827	±2.5	PASS
Band5	4233	4	VL	NT	-5.29	-0.006249	±2.5	PASS
Band5	4233	4	VH	NT	-4.14	-0.004890	±2.5	PASS
Band5	4233	5	VN	NT	-6.89	-0.008138	±2.5	PASS
Band5	4233	5	VL	NT	-5.18	-0.006119	±2.5	PASS
Band5	4233	5	VH	NT	-7.20	-0.008505	±2.5	PASS

Temperature								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	1	NV	-30	-7.82	-0.009463	±2.5	PASS
Band5	4132	1	NV	-20	-7.74	-0.009366	±2.5	PASS
Band5	4132	1	NV	-10	-9.85	-0.011919	±2.5	PASS
Band5	4132	1	NV	0	-2.91	-0.003521	±2.5	PASS
Band5	4132	1	NV	10	-4.86	-0.005881	±2.5	PASS
Band5	4132	1	NV	20	-3.09	-0.003739	±2.5	PASS
Band5	4132	1	NV	30	-2.02	-0.002444	±2.5	PASS
Band5	4132	1	NV	40	-5.27	-0.006377	±2.5	PASS
Band5	4132	1	NV	50	-3.40	-0.004114	±2.5	PASS
Band5	4132	2	NV	-30	-4.80	-0.005808	±2.5	PASS
Band5	4132	2	NV	-20	-3.38	-0.004090	±2.5	PASS
Band5	4132	2	NV	-10	-4.50	-0.005445	±2.5	PASS
Band5	4132	2	NV	0	-3.68	-0.004453	±2.5	PASS
Band5	4132	2	NV	10	-2.94	-0.003558	±2.5	PASS
Band5	4132	2	NV	20	-4.06	-0.004913	±2.5	PASS
Band5	4132	2	NV	30	-2.87	-0.003473	±2.5	PASS
Band5	4132	2	NV	40	-3.41	-0.004126	±2.5	PASS
Band5	4132	2	NV	50	-3.90	-0.004719	±2.5	PASS
Band5	4132	3	NV	-30	-5.46	-0.006607	±2.5	PASS
Band5	4132	3	NV	-20	-7.13	-0.008628	±2.5	PASS
Band5	4132	3	NV	-10	-5.15	-0.006232	±2.5	PASS
Band5	4132	3	NV	0	-2.74	-0.003316	±2.5	PASS
Band5	4132	3	NV	10	-6.62	-0.008011	±2.5	PASS
Band5	4132	3	NV	20	-6.87	-0.008313	±2.5	PASS
Band5	4132	3	NV	30	-5.95	-0.007200	±2.5	PASS
Band5	4132	3	NV	40	-3.62	-0.004380	±2.5	PASS
Band5	4132	3	NV	50	-2.65	-0.003207	±2.5	PASS
Band5	4132	4	NV	-30	-7.40	-0.008955	±2.5	PASS
Band5	4132	4	NV	-20	-3.38	-0.004090	±2.5	PASS
Band5	4132	4	NV	-10	-5.89	-0.007127	±2.5	PASS
Band5	4132	4	NV	0	-4.08	-0.004937	±2.5	PASS
Band5	4132	4	NV	10	-3.25	-0.003933	±2.5	PASS
Band5	4132	4	NV	20	-3.63	-0.004393	±2.5	PASS
Band5	4132	4	NV	30	-3.55	-0.004296	±2.5	PASS
Band5	4132	4	NV	40	-6.24	-0.007551	±2.5	PASS
Band5	4132	4	NV	50	-1.65	-0.001997	±2.5	PASS
Band5	4132	5	NV	-30	-5.11	-0.006183	±2.5	PASS
Band5	4132	5	NV	-20	-5.56	-0.006728	±2.5	PASS

Band5	4132	5	NV	-10	-4.35	-0.005264	±2.5	PASS
Band5	4132	5	NV	0	-5.95	-0.007200	±2.5	PASS
Band5	4132	5	NV	10	-3.00	-0.003630	±2.5	PASS
Band5	4132	5	NV	20	-5.12	-0.006196	±2.5	PASS
Band5	4132	5	NV	30	-6.48	-0.007841	±2.5	PASS
Band5	4132	5	NV	40	-6.64	-0.008035	±2.5	PASS
Band5	4132	5	NV	50	-4.34	-0.005252	±2.5	PASS
Band5	4182	1	NV	-30	-3.81	-0.004555	±2.5	PASS
Band5	4182	1	NV	-20	-2.50	-0.002989	±2.5	PASS
Band5	4182	1	NV	-10	-4.71	-0.005631	±2.5	PASS
Band5	4182	1	NV	0	-2.77	-0.003312	±2.5	PASS
Band5	4182	1	NV	10	-3.56	-0.004256	±2.5	PASS
Band5	4182	1	NV	20	-4.42	-0.005285	±2.5	PASS
Band5	4182	1	NV	30	-0.84	-0.001004	±2.5	PASS
Band5	4182	1	NV	40	-3.60	-0.004304	±2.5	PASS
Band5	4182	1	NV	50	-4.13	-0.004938	±2.5	PASS
Band5	4182	2	NV	-30	-3.11	-0.003718	±2.5	PASS
Band5	4182	2	NV	-20	-3.26	-0.003898	±2.5	PASS
Band5	4182	2	NV	-10	-2.88	-0.003443	±2.5	PASS
Band5	4182	2	NV	0	-4.25	-0.005081	±2.5	PASS
Band5	4182	2	NV	10	-2.83	-0.003384	±2.5	PASS
Band5	4182	2	NV	20	-6.75	-0.008070	±2.5	PASS
Band5	4182	2	NV	30	-4.60	-0.005500	±2.5	PASS
Band5	4182	2	NV	40	-4.09	-0.004890	±2.5	PASS
Band5	4182	2	NV	50	-5.74	-0.006863	±2.5	PASS
Band5	4182	3	NV	-30	-4.42	-0.005285	±2.5	PASS
Band5	4182	3	NV	-20	-5.76	-0.006887	±2.5	PASS
Band5	4182	3	NV	-10	-3.48	-0.004161	±2.5	PASS
Band5	4182	3	NV	0	-4.14	-0.004950	±2.5	PASS
Band5	4182	3	NV	10	-4.48	-0.005356	±2.5	PASS
Band5	4182	3	NV	20	-5.24	-0.006265	±2.5	PASS
Band5	4182	3	NV	30	-4.86	-0.005811	±2.5	PASS
Band5	4182	3	NV	40	-0.14	-0.000167	±2.5	PASS
Band5	4182	3	NV	50	-2.31	-0.002762	±2.5	PASS
Band5	4182	4	NV	-30	-5.84	-0.006982	±2.5	PASS
Band5	4182	4	NV	-20	-7.26	-0.008680	±2.5	PASS
Band5	4182	4	NV	-10	-4.18	-0.004998	±2.5	PASS
Band5	4182	4	NV	0	-4.01	-0.004794	±2.5	PASS
Band5	4182	4	NV	10	-2.59	-0.003097	±2.5	PASS
Band5	4182	4	NV	20	-2.22	-0.002654	±2.5	PASS
Band5	4182	4	NV	30	-4.18	-0.004998	±2.5	PASS

Band5	4182	4	NV	40	-4.60	-0.005500	±2.5	PASS
Band5	4182	4	NV	50	-3.27	-0.003910	±2.5	PASS
Band5	4182	5	NV	-30	-2.64	-0.003156	±2.5	PASS
Band5	4182	5	NV	-20	-4.10	-0.004902	±2.5	PASS
Band5	4182	5	NV	-10	-4.95	-0.005918	±2.5	PASS
Band5	4182	5	NV	0	-3.25	-0.003886	±2.5	PASS
Band5	4182	5	NV	10	-4.27	-0.005105	±2.5	PASS
Band5	4182	5	NV	20	-3.58	-0.004280	±2.5	PASS
Band5	4182	5	NV	30	-3.28	-0.003922	±2.5	PASS
Band5	4182	5	NV	40	-3.77	-0.004507	±2.5	PASS
Band5	4182	5	NV	50	-2.59	-0.003097	±2.5	PASS
Band5	4233	1	NV	-30	-4.53	-0.005351	±2.5	PASS
Band5	4233	1	NV	-20	-5.56	-0.006567	±2.5	PASS
Band5	4233	1	NV	-10	-5.81	-0.006863	±2.5	PASS
Band5	4233	1	NV	0	-4.06	-0.004796	±2.5	PASS
Band5	4233	1	NV	10	-4.55	-0.005374	±2.5	PASS
Band5	4233	1	NV	20	-2.57	-0.003036	±2.5	PASS
Band5	4233	1	NV	30	-4.94	-0.005835	±2.5	PASS
Band5	4233	1	NV	40	-4.43	-0.005233	±2.5	PASS
Band5	4233	1	NV	50	-2.06	-0.002433	±2.5	PASS
Band5	4233	2	NV	-30	-6.97	-0.008233	±2.5	PASS
Band5	4233	2	NV	-20	-5.87	-0.006934	±2.5	PASS
Band5	4233	2	NV	-10	-3.25	-0.003839	±2.5	PASS
Band5	4233	2	NV	0	-5.35	-0.006319	±2.5	PASS
Band5	4233	2	NV	10	-5.19	-0.006130	±2.5	PASS
Band5	4233	2	NV	20	-1.91	-0.002256	±2.5	PASS
Band5	4233	2	NV	30	-5.35	-0.006319	±2.5	PASS
Band5	4233	2	NV	40	-2.47	-0.002918	±2.5	PASS
Band5	4233	2	NV	50	-4.45	-0.005256	±2.5	PASS
Band5	4233	3	NV	-30	-3.88	-0.004583	±2.5	PASS
Band5	4233	3	NV	-20	-4.14	-0.004890	±2.5	PASS
Band5	4233	3	NV	-10	-6.49	-0.007666	±2.5	PASS
Band5	4233	3	NV	0	-4.16	-0.004914	±2.5	PASS
Band5	4233	3	NV	10	-4.32	-0.005103	±2.5	PASS
Band5	4233	3	NV	20	-3.82	-0.004512	±2.5	PASS
Band5	4233	3	NV	30	-2.16	-0.002551	±2.5	PASS
Band5	4233	3	NV	40	-3.10	-0.003662	±2.5	PASS
Band5	4233	3	NV	50	-3.08	-0.003638	±2.5	PASS
Band5	4233	4	NV	-30	-7.64	-0.009024	±2.5	PASS
Band5	4233	4	NV	-20	-4.52	-0.005339	±2.5	PASS
Band5	4233	4	NV	-10	-3.77	-0.004453	±2.5	PASS

Band5	4233	4	NV	0	-5.04	-0.005953	±2.5	PASS
Band5	4233	4	NV	10	-2.68	-0.003166	±2.5	PASS
Band5	4233	4	NV	20	-2.94	-0.003473	±2.5	PASS
Band5	4233	4	NV	30	-2.46	-0.002906	±2.5	PASS
Band5	4233	4	NV	40	-4.04	-0.004772	±2.5	PASS
Band5	4233	4	NV	50	-3.76	-0.004441	±2.5	PASS
Band5	4233	5	NV	-30	-6.49	-0.007666	±2.5	PASS
Band5	4233	5	NV	-20	-6.78	-0.008009	±2.5	PASS
Band5	4233	5	NV	-10	-3.33	-0.003933	±2.5	PASS
Band5	4233	5	NV	0	-6.88	-0.008127	±2.5	PASS
Band5	4233	5	NV	10	-4.32	-0.005103	±2.5	PASS
Band5	4233	5	NV	20	-3.79	-0.004477	±2.5	PASS
Band5	4233	5	NV	30	-3.90	-0.004607	±2.5	PASS
Band5	4233	5	NV	40	-3.64	-0.004300	±2.5	PASS
Band5	4233	5	NV	50	-7.07	-0.008351	±2.5	PASS

Appendix G: Modulation Characteristics

Test Result

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

Test Graphs

