

Appendix-FCC-WCDMA-B2

1.1 AppendixA: Effective (Isotropic) Radiated Power Output Data

1.1.1 Test Result

Band	Channel	conducted power(dBm)	Max AntGain (dBi)	EIRP (dBm)	Limit(dBm)	Verdict
Band2	9262	24.59	-0.09	24.50	33	PASS
Band2	9400	24.47	-0.09	24.38	33	PASS
Band2	9538	24.56	-0.09	24.47	33	PASS

Band	Channel	SubTest	conducted power(dBm)	Max AntGain (dBi)	EIRP (dBm)	Limit(dBm)	Verdict
Band2	9262	1	23.52	-0.09	23.43	33	PASS
Band2	9262	2	22.66	-0.09	22.57	33	PASS
Band2	9262	3	23.21	-0.09	23.12	33	PASS
Band2	9262	4	23.10	-0.09	23.01	33	PASS
Band2	9400	1	23.08	-0.09	22.99	33	PASS
Band2	9400	2	22.54	-0.09	22.45	33	PASS
Band2	9400	3	23.41	-0.09	23.32	33	PASS
Band2	9400	4	23.33	-0.09	23.24	33	PASS
Band2	9538	1	23.58	-0.09	23.49	33	PASS
Band2	9538	2	23.35	-0.09	23.26	33	PASS
Band2	9538	3	23.48	-0.09	23.39	33	PASS
Band2	9538	4	23.94	-0.09	23.85	33	PASS

Band	Channel	SubTest	conducted power(dBm)	Max AntGain (dBi)	EIRP (dBm)	Limit(dBm)	Verdict
Band2	9262	1	21.15	-0.09	21.06	33	PASS
Band2	9262	2	21.24	-0.09	21.15	33	PASS
Band2	9262	3	22.81	-0.09	22.72	33	PASS
Band2	9262	4	20.68	-0.09	20.59	33	PASS
Band2	9262	5	22.49	-0.09	22.40	33	PASS
Band2	9400	1	21.40	-0.09	21.31	33	PASS
Band2	9400	2	21.11	-0.09	21.02	33	PASS
Band2	9400	3	22.58	-0.09	22.49	33	PASS
Band2	9400	4	21.47	-0.09	21.38	33	PASS
Band2	9400	5	22.78	-0.09	22.69	33	PASS
Band2	9538	1	22.47	-0.09	22.38	33	PASS
Band2	9538	2	22.26	-0.09	22.17	33	PASS
Band2	9538	3	23.13	-0.09	23.04	33	PASS
Band2	9538	4	21.81	-0.09	21.72	33	PASS
Band2	9538	5	23.14	-0.09	23.05	33	PASS

1.2 AppendixB:Peak-to-Average Ratio

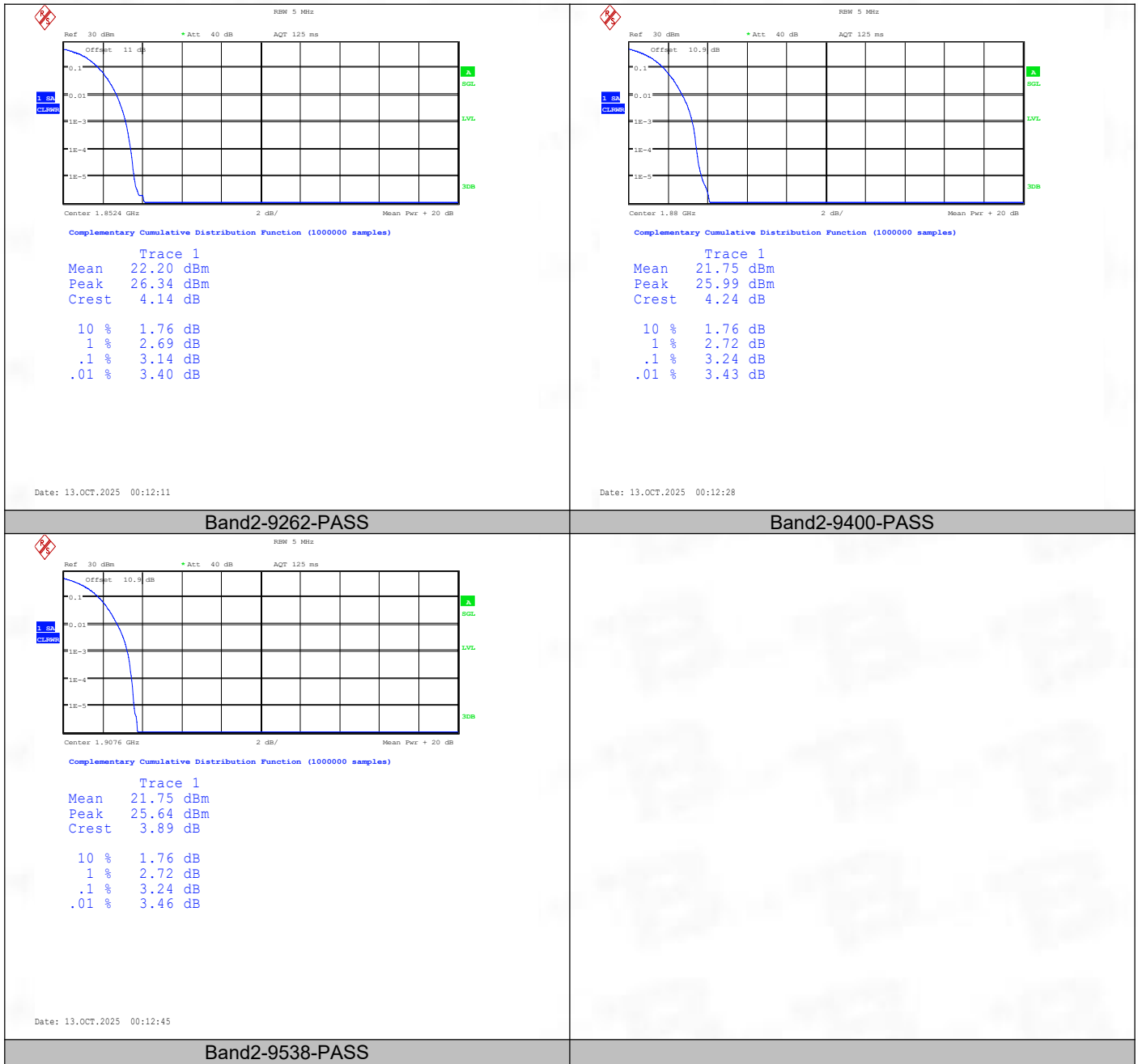
1.2.1 Test Result

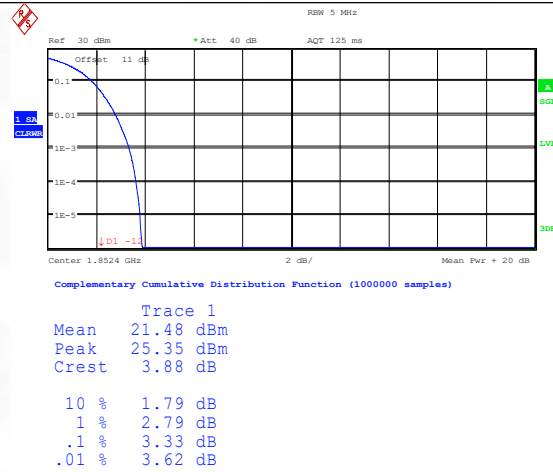
Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	3.14	13	PASS
Band2	9400	3.24	13	PASS
Band2	9538	3.24	13	PASS

Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	-999	3.33	13	PASS
Band2	9400	-999	3.37	13	PASS
Band2	9538	-999	3.33	13	PASS

Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	-999	4.39	13	PASS
Band2	9400	-999	4.39	13	PASS
Band2	9538	-999	4.49	13	PASS

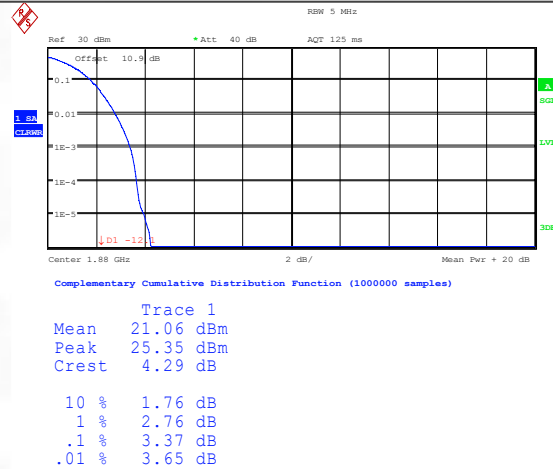
1.2.2 Test Graphs





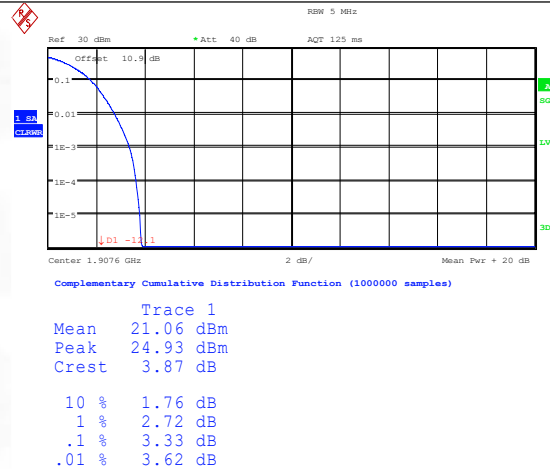
Date: 13.OCT.2025 00:29:34

Band2-9262--999-PASS



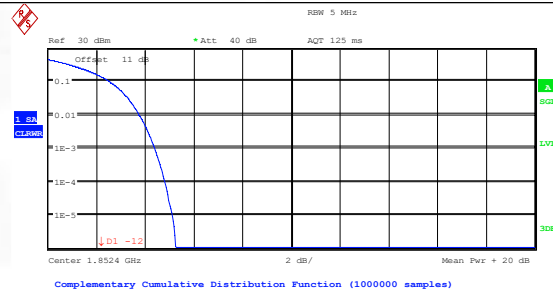
Date: 13.OCT.2025 00:29:54

Band2-9400--999-PASS



Date: 13.OCT.2025 00:30:13

Band2-9538--999-PASS

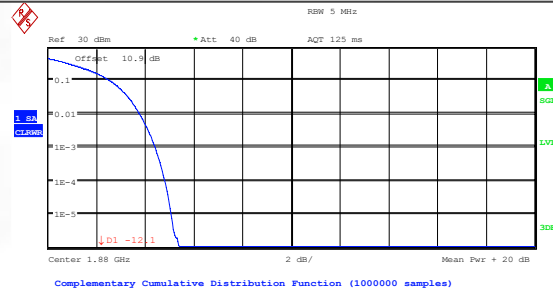


Trace 1
Mean 19.97 dBm
Peak 25.57 dBm
Crest 5.59 dB

10 % 2.53 dB
1 % 3.75 dB
.1 % 4.39 dB
.01 % 4.81 dB

Date: 13.OCT.2025 00:53:17

Band2-9262--999-PASS

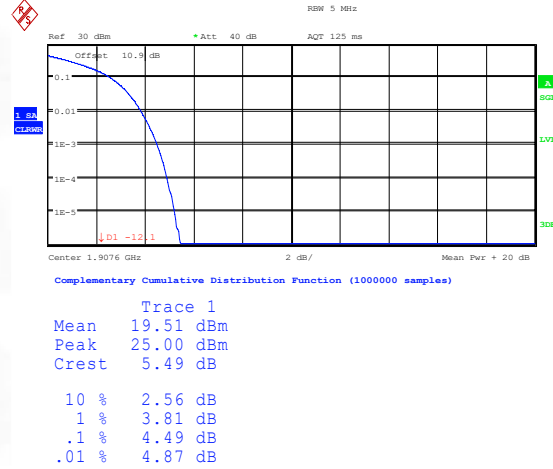


Trace 1
Mean 19.49 dBm
Peak 25.00 dBm
Crest 5.51 dB

10 % 2.56 dB
1 % 3.75 dB
.1 % 4.39 dB
.01 % 4.81 dB

Date: 13.OCT.2025 00:54:34

Band2-9400--999-PASS



Date: 13.OCT.2025 00:55:33

Band2-9538--999-PASS

1.3 AppendixC:26dB Bandwidth andOccupied Bandwidth

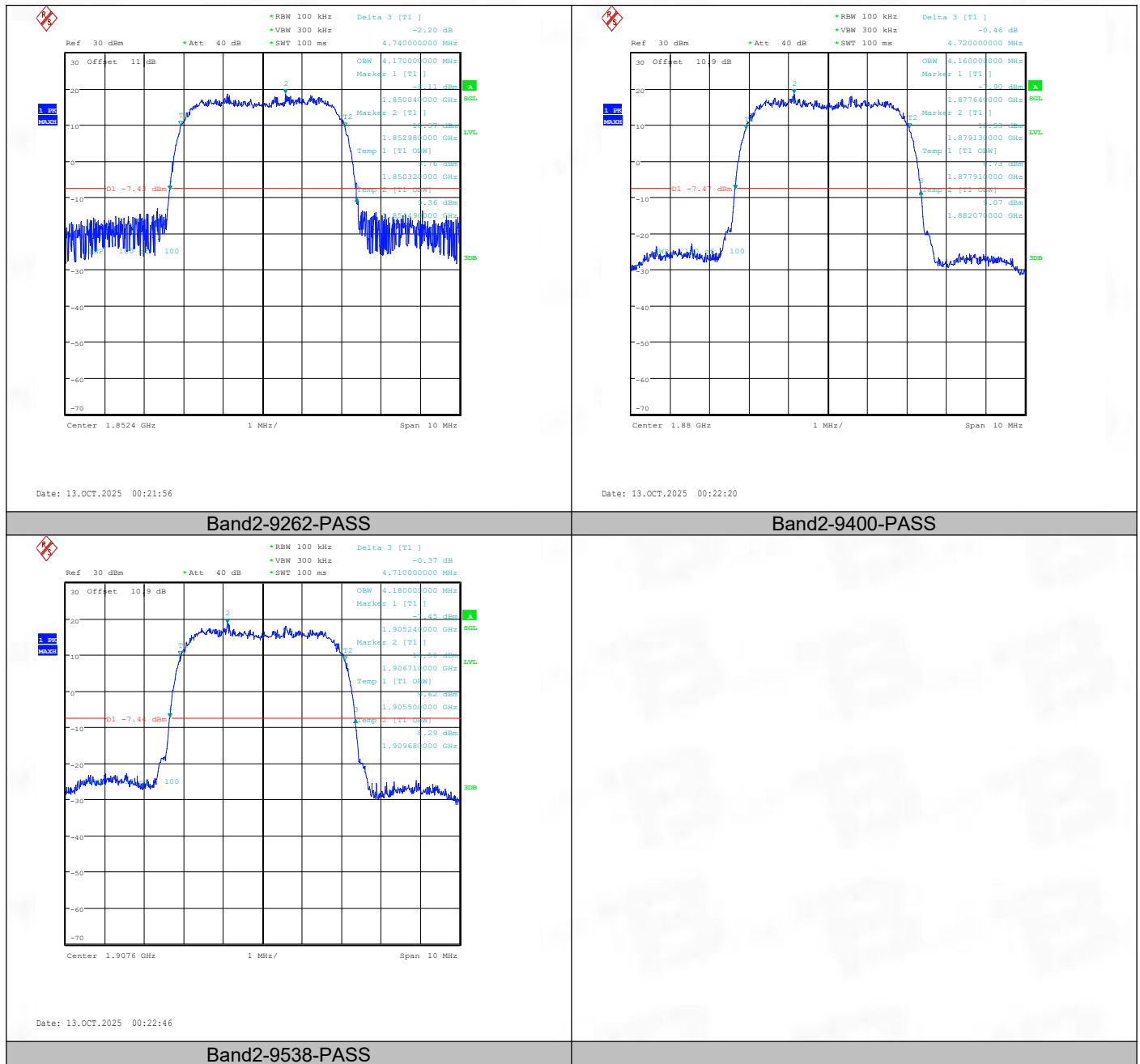
1.3.1 Test Result

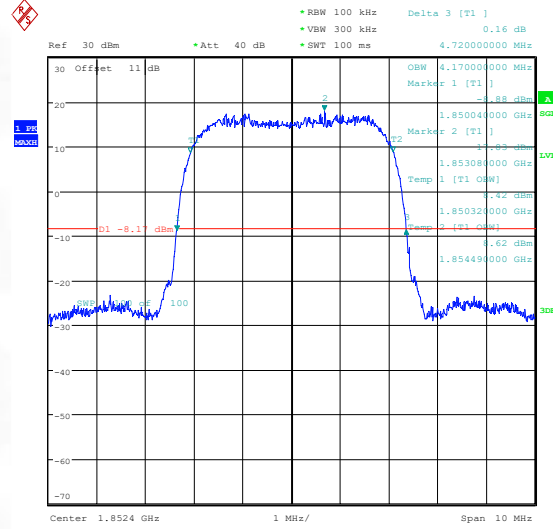
Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band2	9262	4.17	4.74	---	PASS
Band2	9400	4.16	4.72	---	PASS
Band2	9538	4.18	4.71	---	PASS

Band	Channel	SubTest	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band2	9262	-999	4.17	4.72	---	PASS
Band2	9400	-999	4.17	4.73	---	PASS
Band2	9538	-999	4.18	4.72	---	PASS

Band	Channel	SubTest	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band2	9262	-999	4.19	4.73	---	PASS
Band2	9400	-999	4.19	4.74	---	PASS
Band2	9538	-999	4.19	4.72	---	PASS

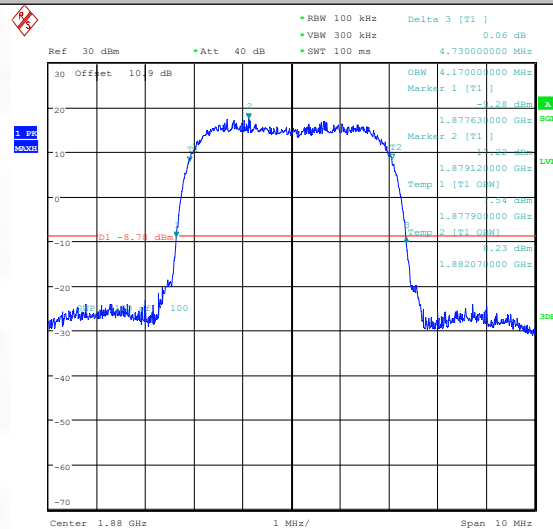
1.3.2 Test Graphs





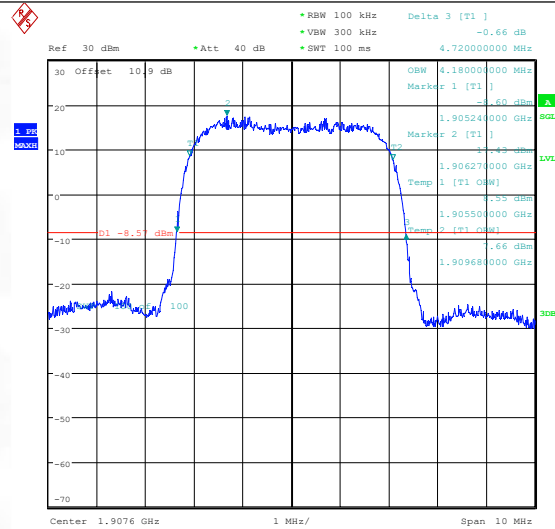
Date: 13.OCT.2025 00:42:51

Band2-9262--999-PASS



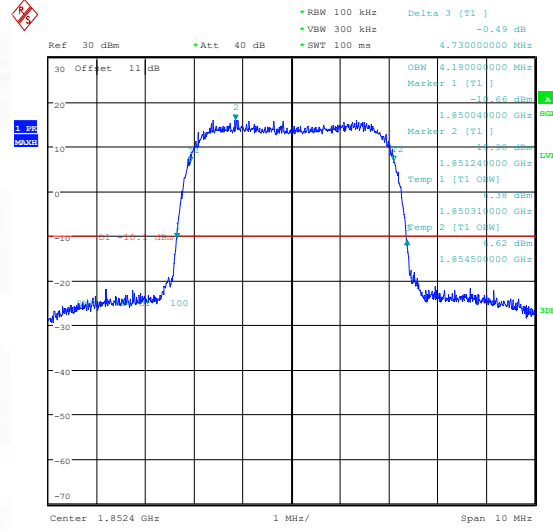
Date: 13.OCT.2025 00:43:23

Band2-9400--999-PASS



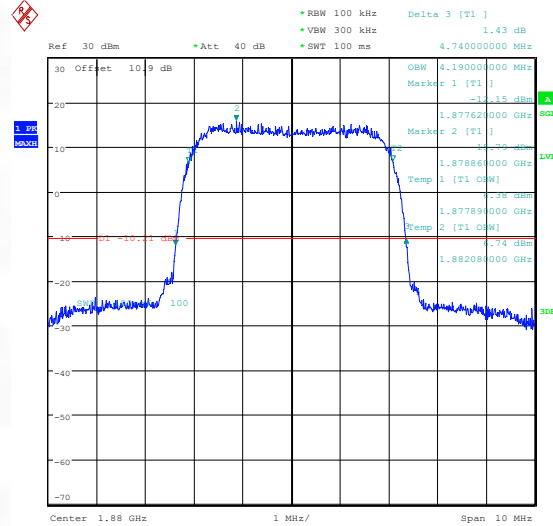
Date: 13.OCT.2025 00:43:54

Band2-9538--999-PASS



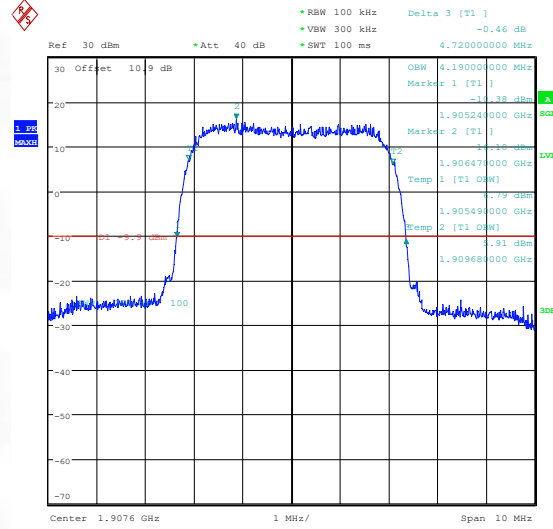
Date: 13.OCT.2025 01:07:58

Band2-9262--999-PASS



Date: 13.OCT.2025 01:09:31

Band2-9400--999-PASS



Date: 13.OCT.2025 01:10:41

Band2-9538--999-PASS

1.4 AppendixD:Band Edge

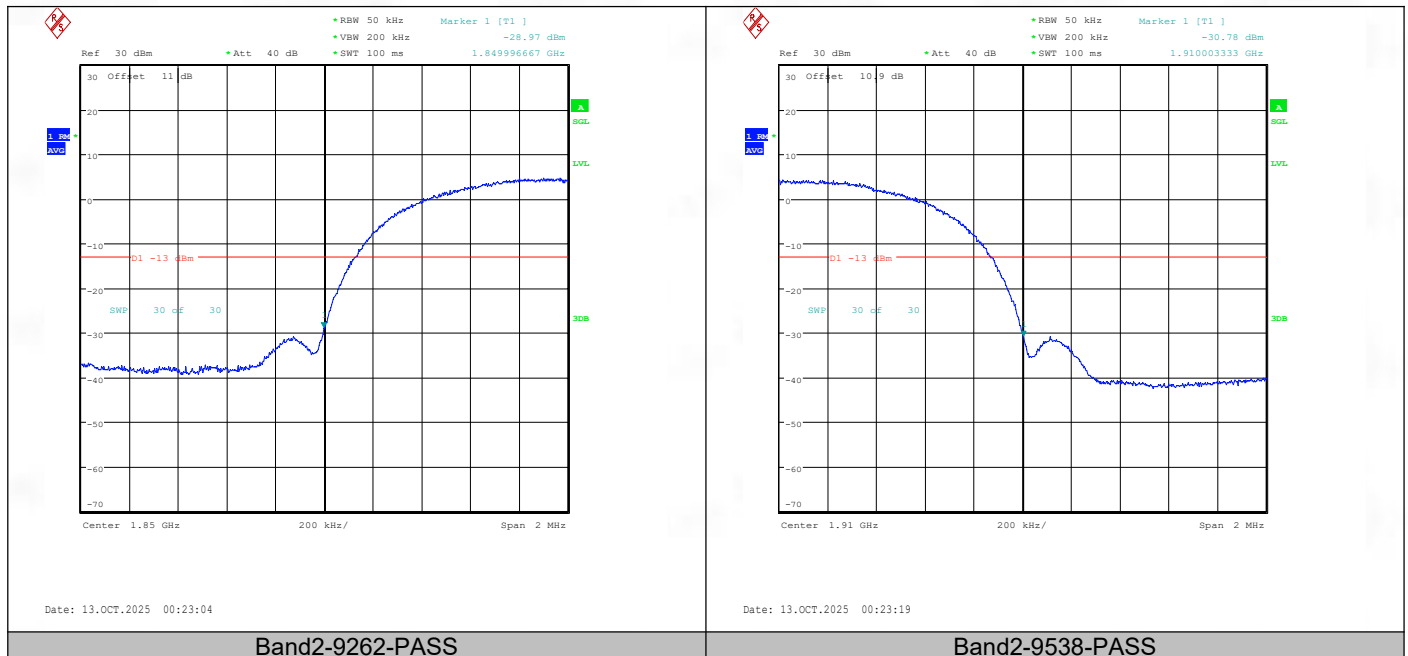
1.4.1 Test Result

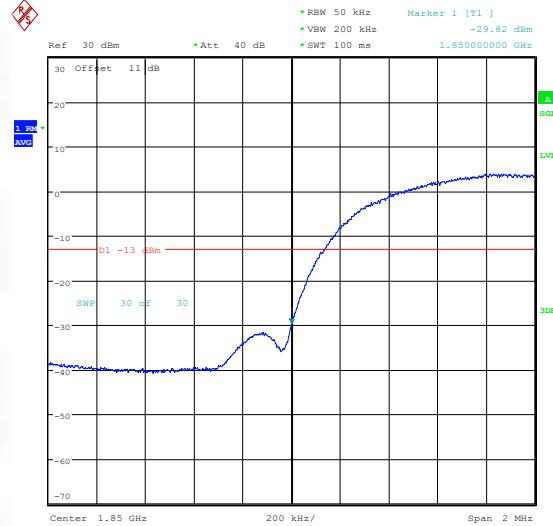
Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	1850.00	-28.97	-13	PASS
Band2	9538	1910.00	-30.78	-13	PASS

Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	-999	1850.00	-29.82	-13	PASS
Band2	9538	-999	1910.00	-30.53	-13	PASS

Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	-999	1850.00	-30.87	-13	PASS
Band2	9538	-999	1910.12	-32.32	-13	PASS

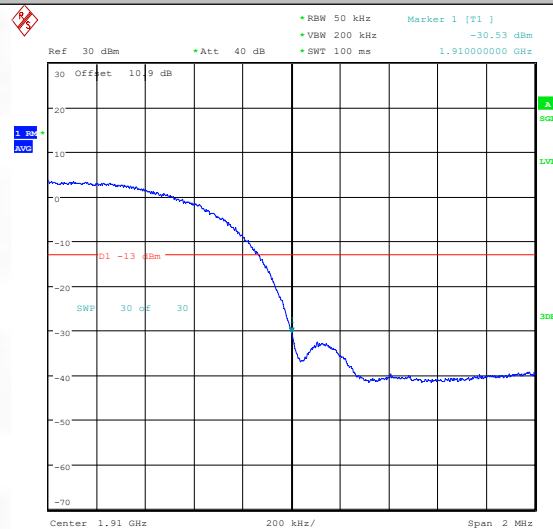
1.4.2 Test Graphs





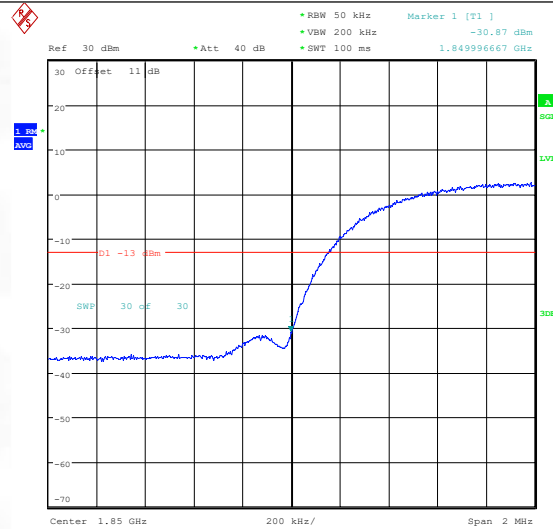
Date: 13.OCT.2025 00:44:33

Band2-9262--999-PASS



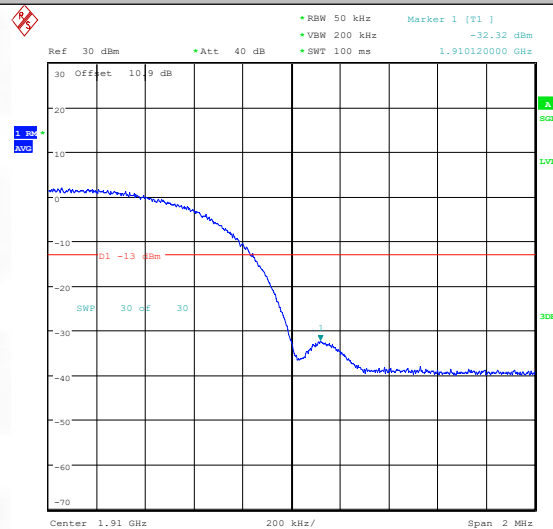
Date: 13.OCT.2025 00:44:53

Band2-9538--999-PASS



Date: 13.OCT.2025 01:11:27

Band2-9262--999-PASS



Date: 13.OCT.2025 01:12:31

Band2-9538--999-PASS

1.5 AppendixE:Conducted SpuriousEmission

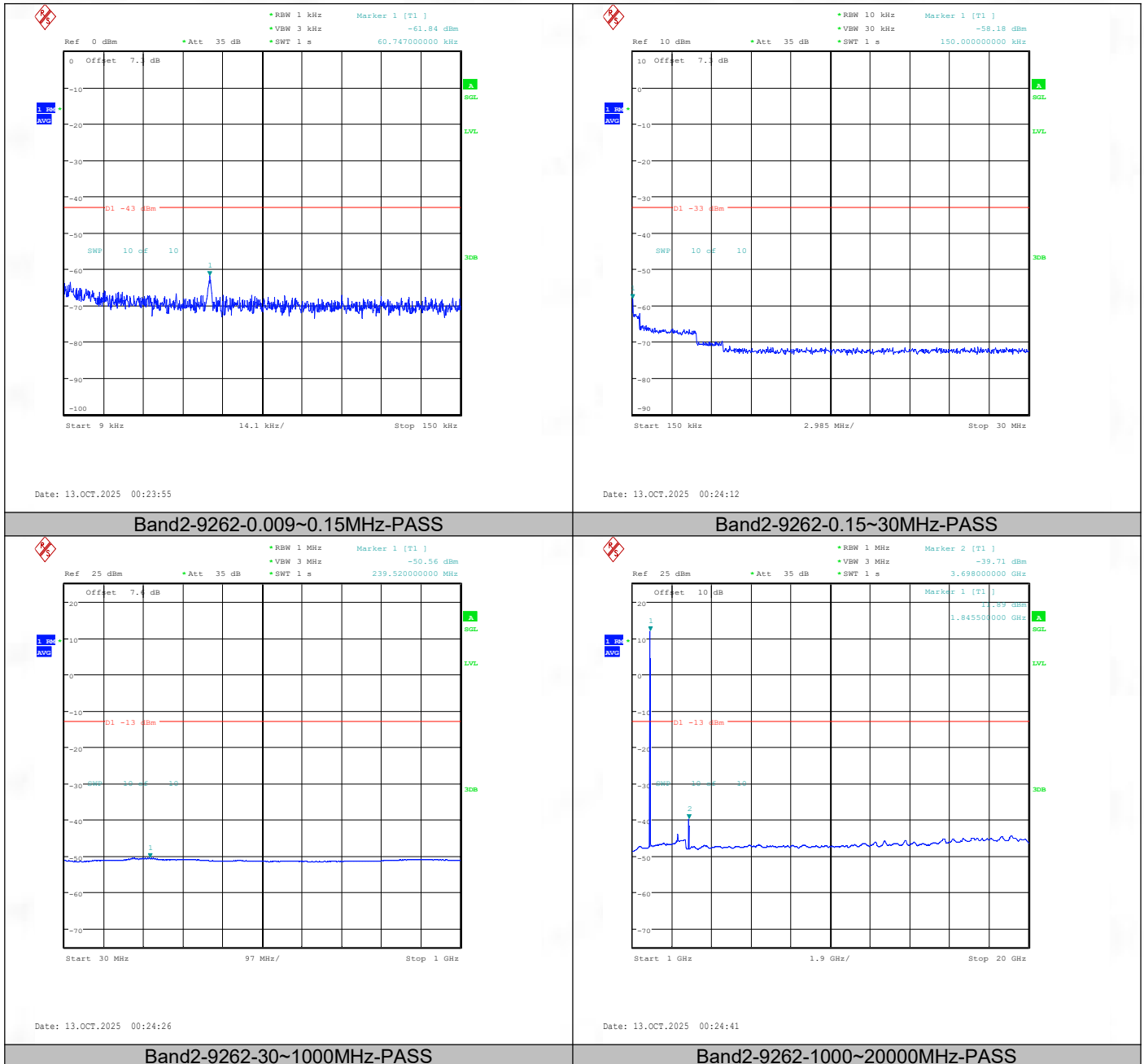
1.5.1 Test Result

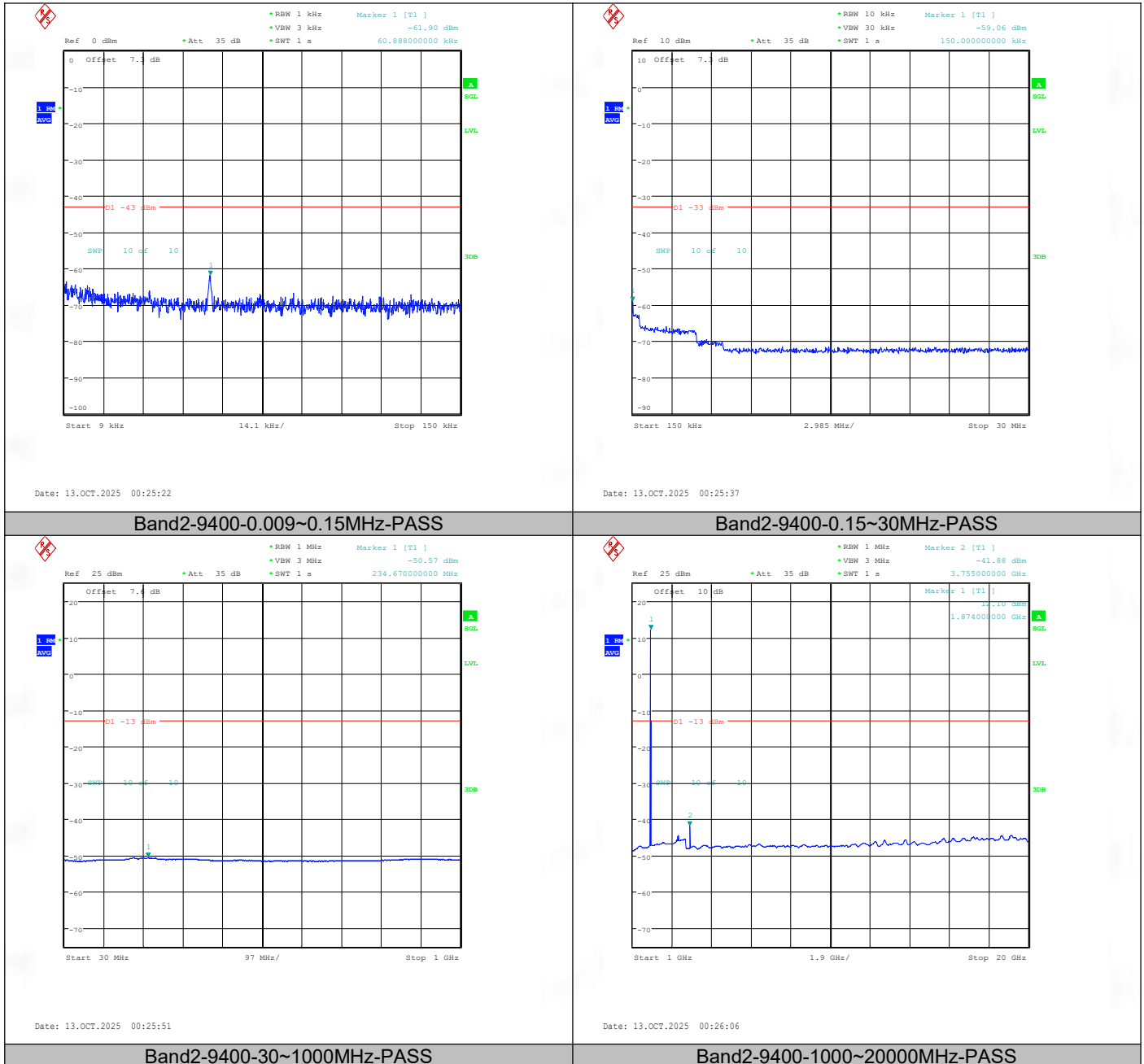
Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	0.009~0.15MHz	0.06	-61.84	-43	PASS
Band2	9262	0.15~30MHz	0.15	-58.18	-33	PASS
Band2	9262	30~1000MHz	239.52	-50.56	-13	PASS
Band2	9262	1000~20000MHz	3698	-39.71	-13	PASS
Band2	9400	0.009~0.15MHz	0.06	-61.9	-43	PASS
Band2	9400	0.15~30MHz	0.15	-59.06	-33	PASS
Band2	9400	30~1000MHz	234.67	-50.57	-13	PASS
Band2	9400	1000~20000MHz	3755	-41.88	-13	PASS
Band2	9538	0.009~0.15MHz	0.06	-61.12	-43	PASS
Band2	9538	0.15~30MHz	0.15	-58.69	-33	PASS
Band2	9538	30~1000MHz	198.78	-50.54	-13	PASS
Band2	9538	1000~20000MHz	3812	-36.07	-13	PASS

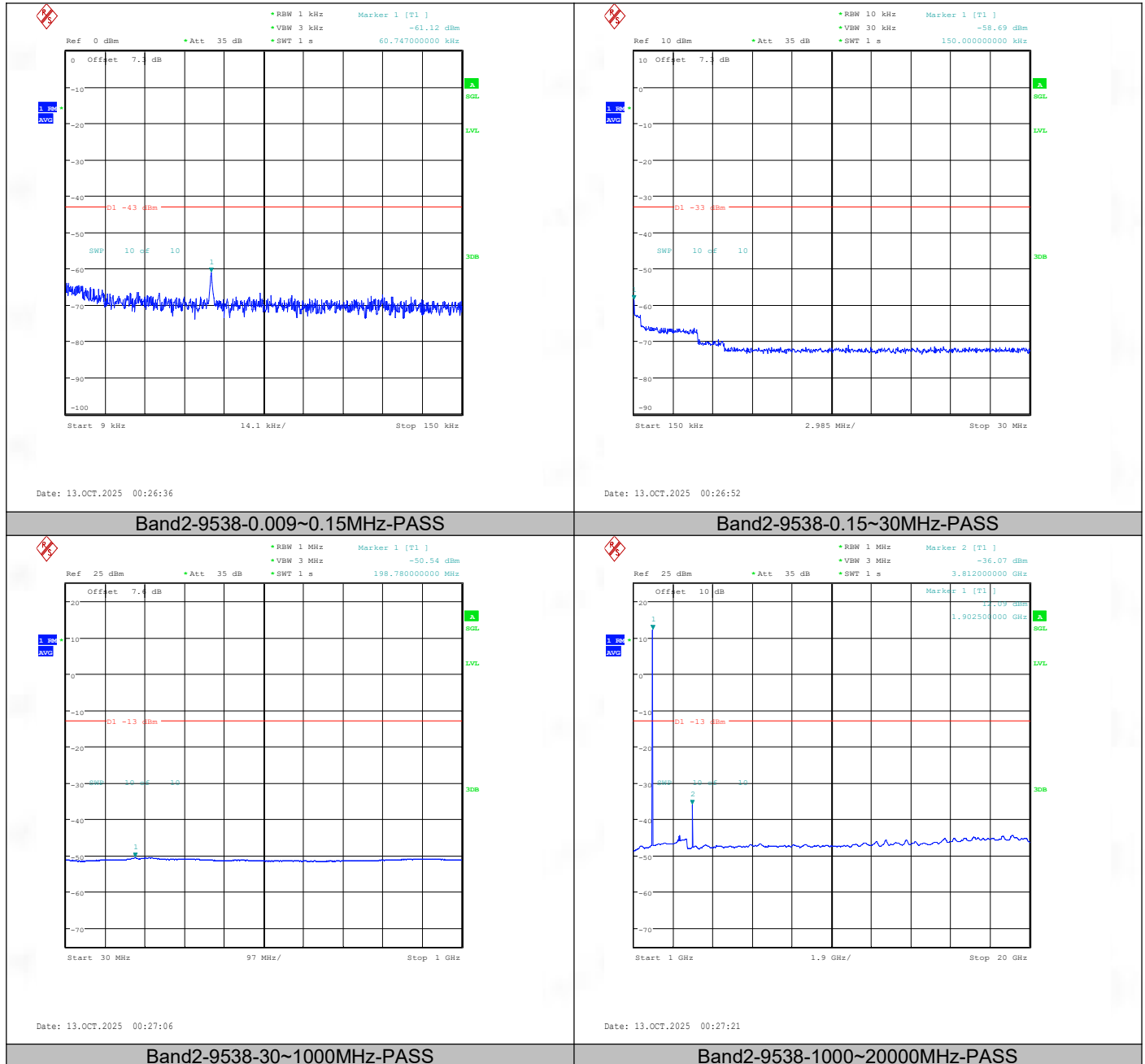
Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	-999	0.009~0.15MHz	0.06	-61.4	-43	PASS
Band2	9262	-999	0.15~30MHz	0.18	-58.7	-33	PASS
Band2	9262	-999	30~1000MHz	201.69	-50.52	-13	PASS
Band2	9262	-999	1000~20000MHz	3698	-40.7	-13	PASS
Band2	9400	-999	0.009~0.15MHz	0.06	-61.88	-43	PASS
Band2	9400	-999	0.15~30MHz	0.15	-58.65	-33	PASS
Band2	9400	-999	30~1000MHz	199.75	-50.44	-13	PASS
Band2	9400	-999	1000~20000MHz	3755	-42.8	-13	PASS
Band2	9538	-999	0.009~0.15MHz	0.06	-62.5	-43	PASS
Band2	9538	-999	0.15~30MHz	0.15	-58.88	-33	PASS
Band2	9538	-999	30~1000MHz	230.79	-50.56	-13	PASS
Band2	9538	-999	1000~20000MHz	3812	-37.62	-13	PASS

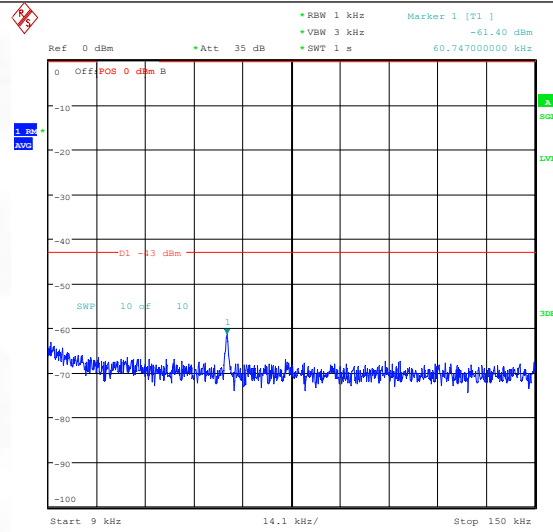
Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	-999	0.009~0.15MHz	0.06	-62.25	-43	PASS
Band2	9262	-999	0.15~30MHz	0.15	-58.72	-33	PASS
Band2	9262	-999	30~1000MHz	241.46	-50.55	-13	PASS
Band2	9262	-999	1000~20000MHz	3698	-42.15	-13	PASS
Band2	9400	-999	0.009~0.15MHz	0.06	-62.73	-43	PASS
Band2	9400	-999	0.15~30MHz	0.15	-58.44	-33	PASS
Band2	9400	-999	30~1000MHz	246.8	-50.54	-13	PASS
Band2	9400	-999	1000~20000MHz	3185	-43.79	-13	PASS
Band2	9538	-999	0.009~0.15MHz	0.06	-63.31	-43	PASS
Band2	9538	-999	0.15~30MHz	0.15	-59.13	-33	PASS
Band2	9538	-999	30~1000MHz	200.24	-50.52	-13	PASS
Band2	9538	-999	1000~20000MHz	3812	-40.08	-13	PASS

1.5.2 Test Graphs



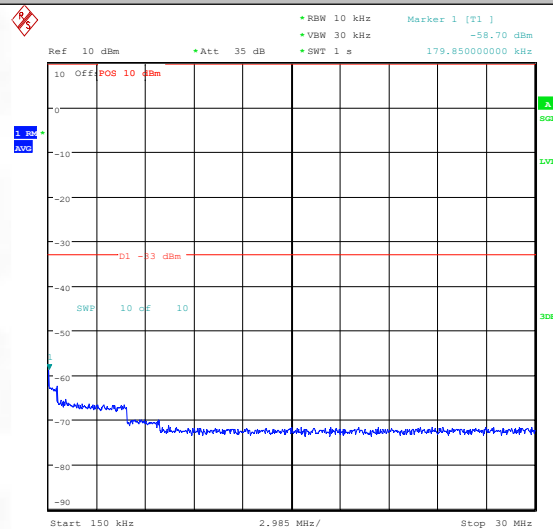






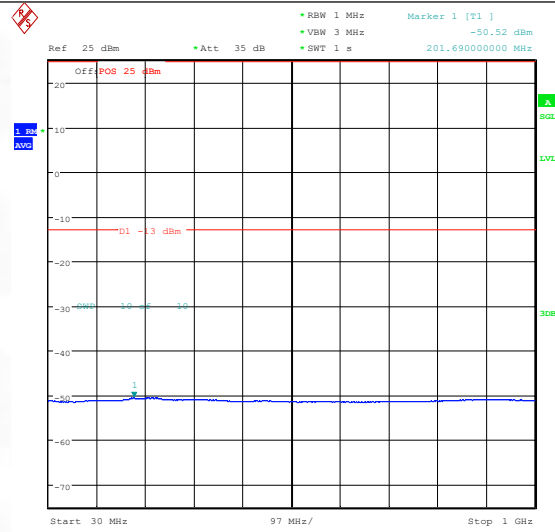
Date: 13.OCT.2025 00:45:39

Band2-9262--999-0.009~0.15MHz-PASS



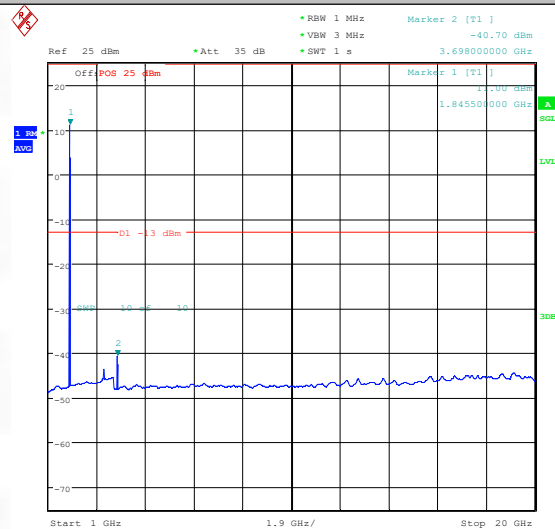
Date: 13.OCT.2025 00:45:57

Band2-9262--999-0.15~30MHz-PASS



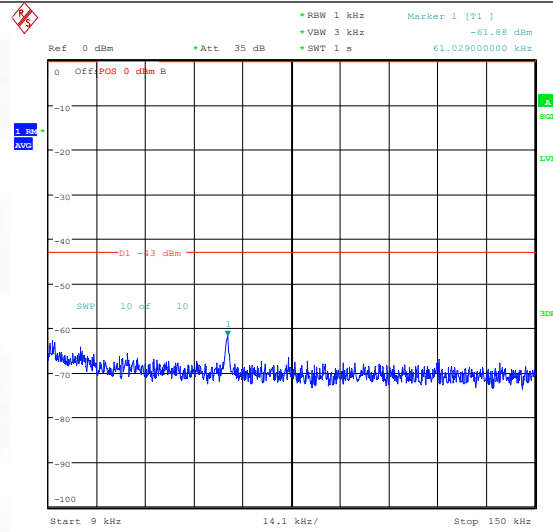
Date: 13.OCT.2025 00:46:13

Band2-9262--999-30~1000MHz-PASS



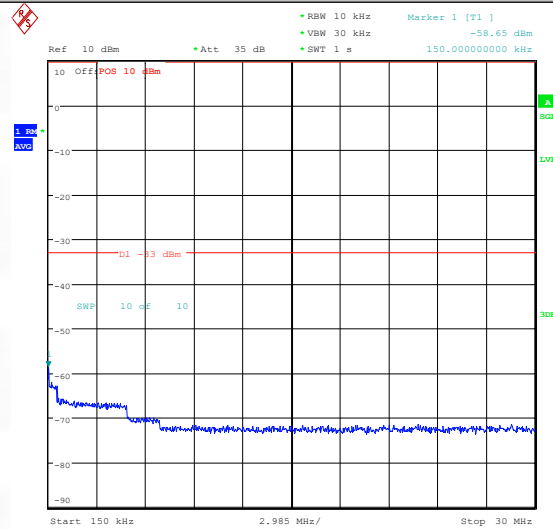
Date: 13.OCT.2025 00:46:30

Band2-9262--999-1000~20000MHz-PASS



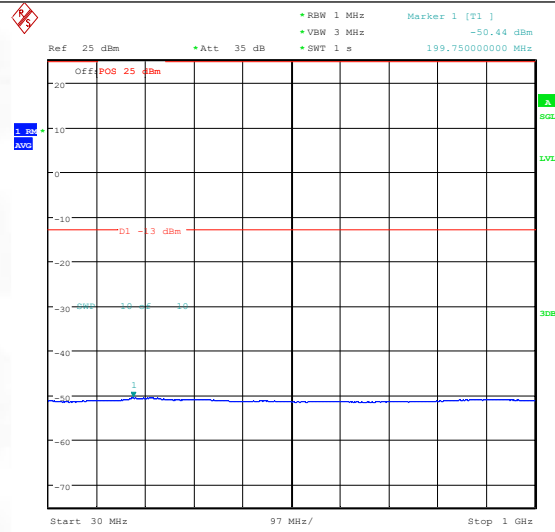
Date: 13.OCT.2025 00:46:56

Band2-9400--999-0.009~0.15MHz-PASS



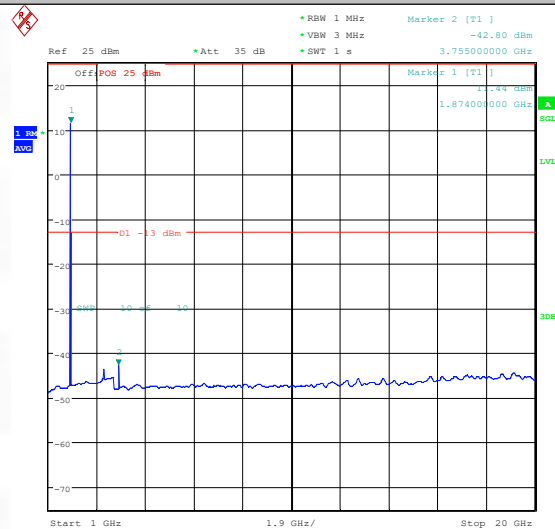
Date: 13.OCT.2025 00:47:13

Band2-9400--999-0.15~30MHz-PASS



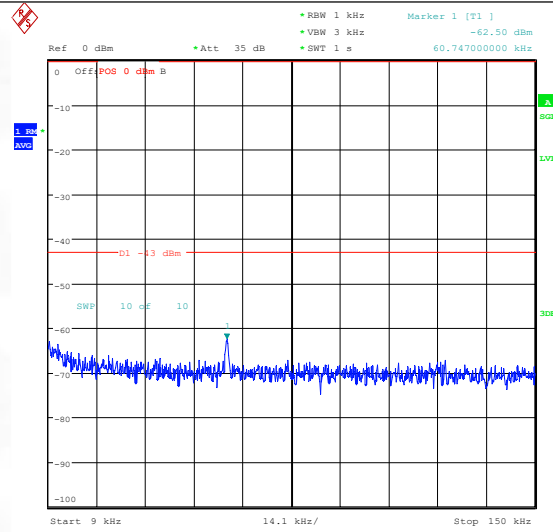
Date: 13.OCT.2025 00:47:29

Band2-9400--999-30~1000MHz-PASS



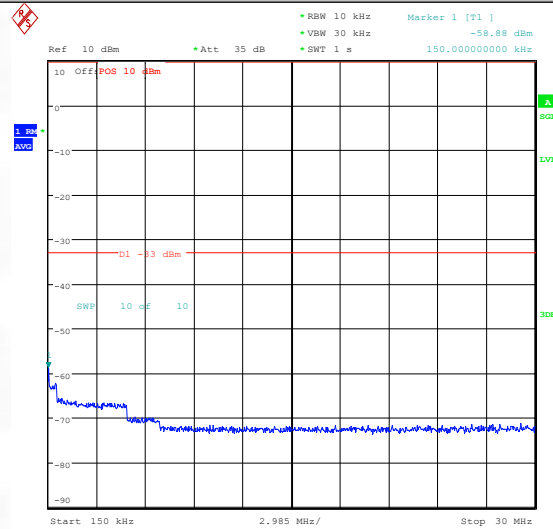
Date: 13.OCT.2025 00:47:46

Band2-9400--999-1000~20000MHz-PASS



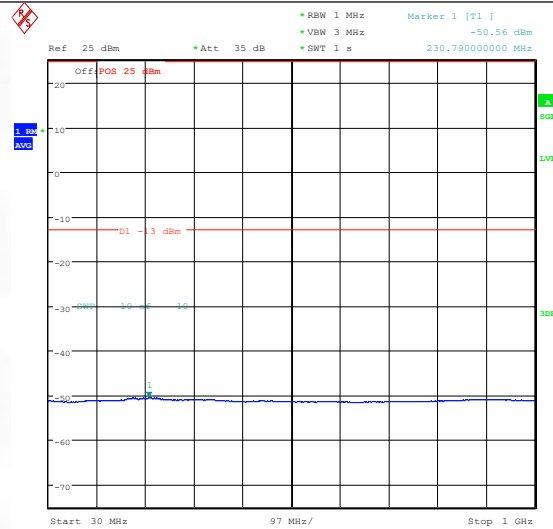
Date: 13.OCT.2025 00:48:12

Band2-9538--999-0.009~0.15MHz-PASS



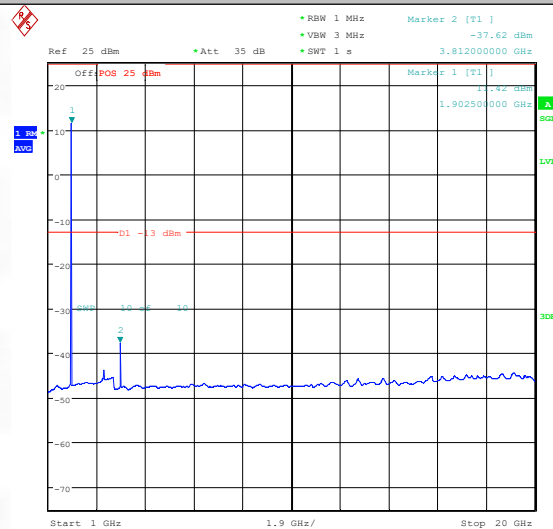
Date: 13.OCT.2025 00:48:29

Band2-9538--999-0.15~30MHz-PASS



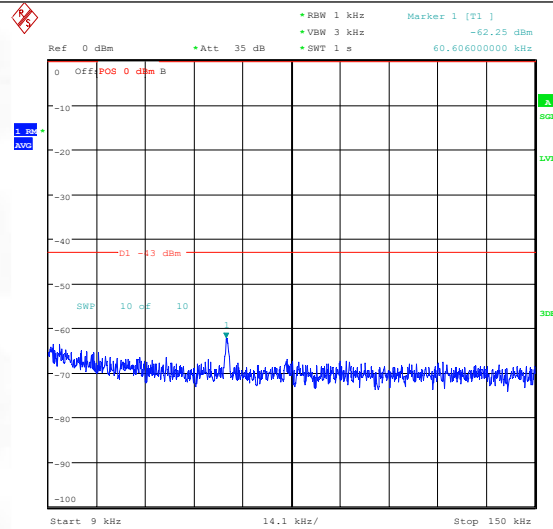
Date: 13.OCT.2025 00:48:45

Band2-9538--999-30~1000MHz-PASS



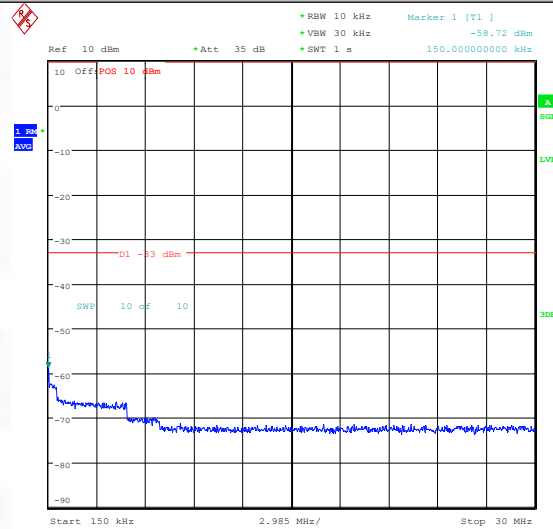
Date: 13.OCT.2025 00:49:02

Band2-9538--999-1000~20000MHz-PASS



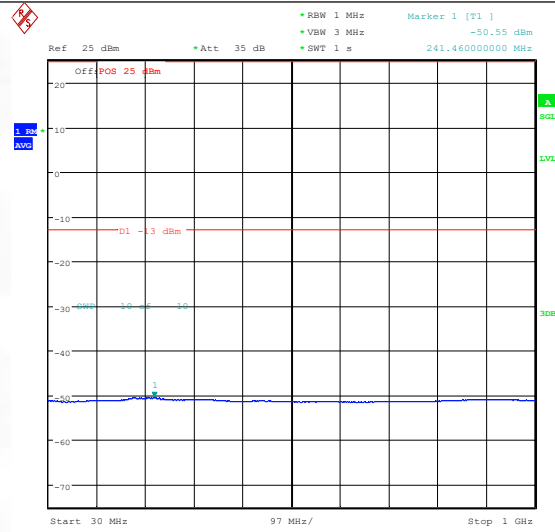
Date: 13.OCT.2025 01:13:23

Band2-9262--999-0.009~0.15MHz-PASS



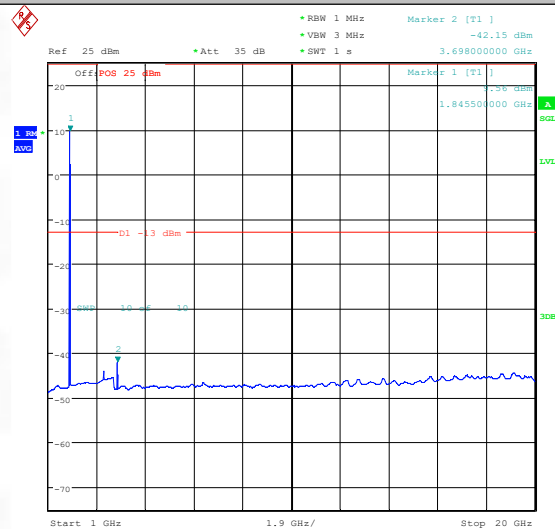
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Band2-9262--999-0.15~30MHz-PASS



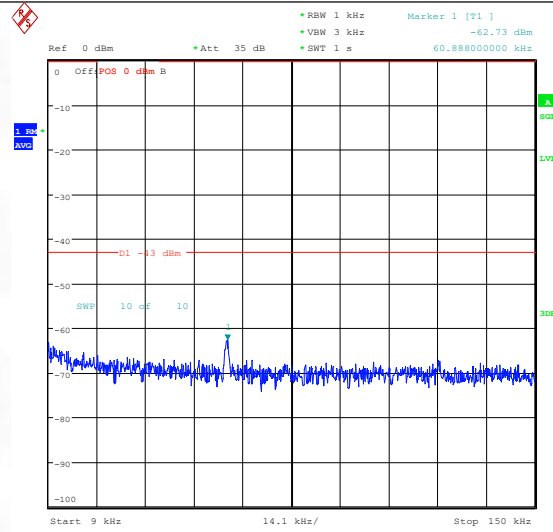
Date: 13.OCT.2025 01:13:56

Band2-9262--999-30~1000MHz-PASS



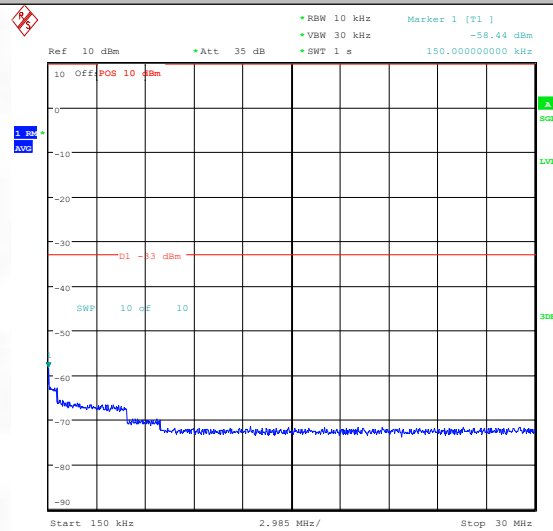
Date: 13.OCT.2025 01:14:13

Band2-9262--999-1000~20000MHz-PASS



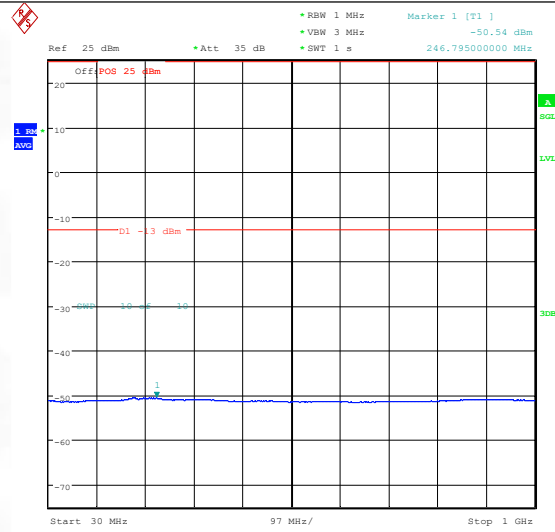
Date: 13.OCT.2025 01:15:36

Band2-9400--999-0.009~0.15MHz-PASS



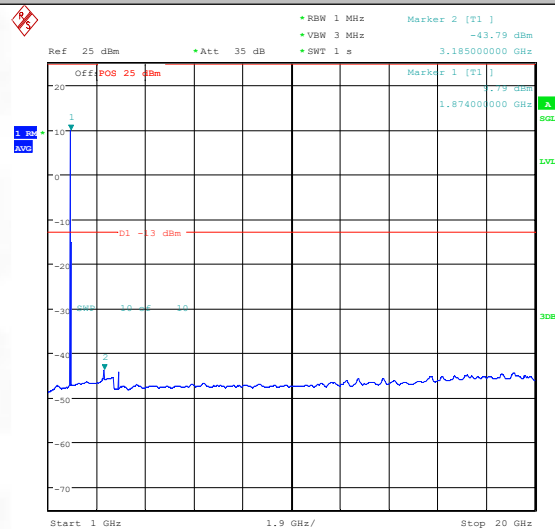
Date: 13.OCT.2025 01:15:52

Band2-9400--999-0.15~30MHz-PASS



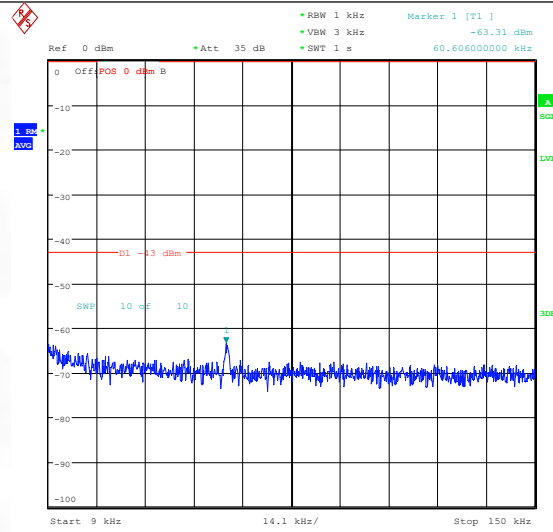
Date: 13.OCT.2025 01:16:09

Band2-9400--999-30~1000MHz-PASS



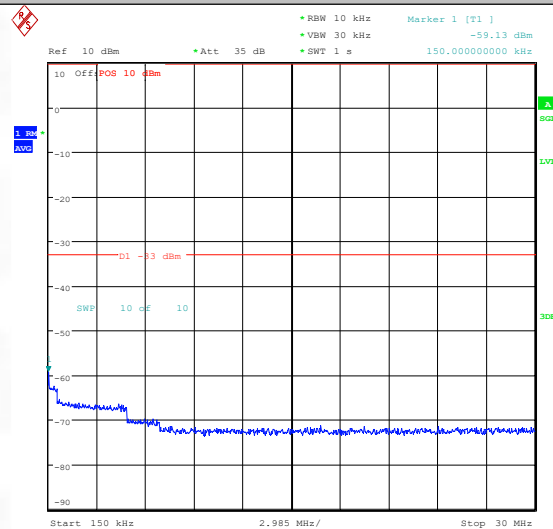
Date: 13.OCT.2025 01:16:26

Band2-9400--999-1000~20000MHz-PASS



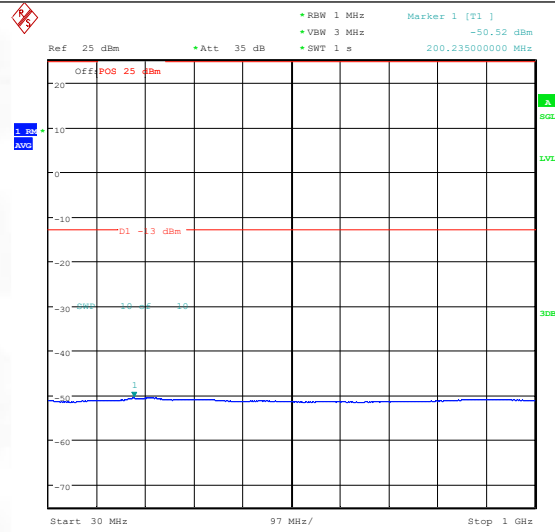
Date: 13.OCT.2025 01:17:31

Band2-9538--999-0.009~0.15MHz-PASS



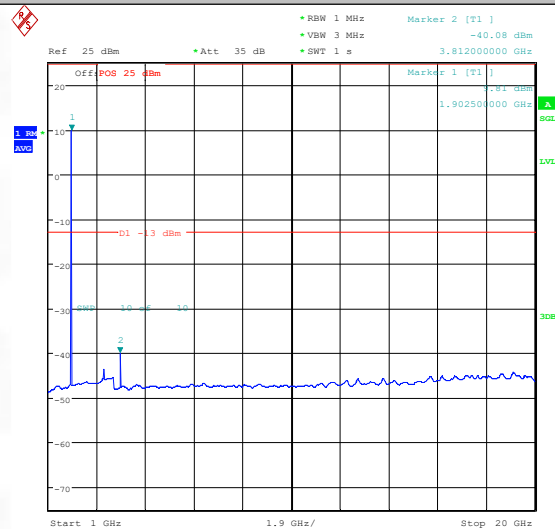
Date: 13.OCT.2025 01:17:48

Band2-9538--999-0.15~30MHz-PASS



Date: 13.OCT.2025 01:18:04

Band2-9538--999-30~1000MHz-PASS



Date: 13.OCT.2025 01:18:21

Band2-9538--999-1000~20000MHz-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
Band2	9262	VN	NT	-999	-0.539301	±2.5	PASS
Band2	9262	VL	NT	-999	-0.539302	±2.5	PASS
Band2	9262	VH	NT	-999	-0.539301	±2.5	PASS
Band2	9400	VN	NT	-999	-0.531382	±2.5	PASS
Band2	9400	VL	NT	-999	-0.531381	±2.5	PASS
Band2	9400	VH	NT	-999	-0.531380	±2.5	PASS
Band2	9538	VN	NT	-999	-0.523693	±2.5	PASS
Band2	9538	VL	NT	-999	-0.523691	±2.5	PASS
Band2	9538	VH	NT	-999	-0.523692	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	NV	-30	-999	-0.539301	±2.5	PASS
Band2	9262	NV	-20	-999	-0.539302	±2.5	PASS
Band2	9262	NV	-10	-999	-0.539301	±2.5	PASS
Band2	9262	NV	0	-999	-0.539300	±2.5	PASS
Band2	9262	NV	10	-999	-0.539303	±2.5	PASS
Band2	9262	NV	20	-999	-0.539302	±2.5	PASS
Band2	9262	NV	30	-999	-0.539301	±2.5	PASS
Band2	9262	NV	40	-999	-0.539302	±2.5	PASS
Band2	9262	NV	50	-999	-0.539301	±2.5	PASS
Band2	9400	NV	-30	-999	-0.531342	±2.5	PASS
Band2	9400	NV	-20	-999	-0.531342	±2.5	PASS
Band2	9400	NV	-10	-999	-0.531342	±2.5	PASS
Band2	9400	NV	0	-999	-0.531342	±2.5	PASS
Band2	9400	NV	10	-999	-0.531342	±2.5	PASS
Band2	9400	NV	20	-999	-0.531342	±2.5	PASS
Band2	9400	NV	30	-999	-0.531342	±2.5	PASS
Band2	9400	NV	40	-999	-0.531342	±2.5	PASS
Band2	9400	NV	50	-999	-0.531342	±2.5	PASS
Band2	9538	NV	-30	-999	-0.523691	±2.5	PASS
Band2	9538	NV	-20	-999	-0.523691	±2.5	PASS
Band2	9538	NV	-10	-999	-0.523691	±2.5	PASS
Band2	9538	NV	0	-999	-0.523691	±2.5	PASS
Band2	9538	NV	10	-999	-0.539301	±2.5	PASS
Band2	9538	NV	20	-999	-0.539301	±2.5	PASS
Band2	9538	NV	30	-999	-0.539301	±2.5	PASS
Band2	9538	NV	40	-999	-0.539301	±2.5	PASS
Band2	9538	NV	50	-999	-0.539301	±2.5	PASS

1.7 Appendix G: Modulation Characteristics

1.7.1 Test Result

Band	Channel	Result	Verdict
Band2	9262	PASS	PASS
Band2	9400	PASS	PASS
Band2	9538	PASS	PASS

1.7.2 Test Graphs

