

Appendix for LTE Band 38

Model: ANY-NX1

BTL-FCCP-7-2203G020

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1. APPENDIX A - EFFECTIVE (ISOTROPIC) RADIATED POWER OF TRANSMITTER

1.1 TEST RESULTS

Effective (Isotropic) Radiated Power of Transmitter									
Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Modulation	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
Band 38	TM1	5	LCH	RB1#0	QPSK	23.72	24.42	33	PASS
				RB1#13	QPSK	23.72	24.42	33	PASS
				RB1#24	QPSK	23.61	24.31	33	PASS
				RB12#0	QPSK	22.71	23.41	33	PASS
				RB12#6	QPSK	22.63	23.33	33	PASS
				RB12#13	QPSK	22.63	23.33	33	PASS
				RB25#0	QPSK	22.66	23.36	33	PASS
			MCH	RB1#0	QPSK	23.44	24.14	33	PASS
				RB1#13	QPSK	23.52	24.22	33	PASS
				RB1#24	QPSK	23.34	24.04	33	PASS
				RB12#0	QPSK	22.43	23.13	33	PASS
				RB12#6	QPSK	22.51	23.21	33	PASS
				RB12#13	QPSK	22.50	23.20	33	PASS
				RB25#0	QPSK	22.52	23.22	33	PASS
			HCH	RB1#0	QPSK	23.41	24.11	33	PASS
				RB1#13	QPSK	23.35	24.05	33	PASS
				RB1#24	QPSK	23.30	24.00	33	PASS
				RB12#0	QPSK	22.38	23.08	33	PASS
				RB12#6	QPSK	22.40	23.10	33	PASS
				RB12#13	QPSK	22.33	23.03	33	PASS
				RB25#0	QPSK	22.37	23.07	33	PASS

Effective (Isotropic) Radiated Power of Transmitter									
Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Modulation	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
Band 38	TM1	10	LCH	RB1#0	QPSK	23.74	24.44	33	PASS
				RB1#25	QPSK	23.61	24.31	33	PASS
				RB1#49	QPSK	23.55	24.25	33	PASS
				RB25#0	QPSK	22.72	23.42	33	PASS
				RB25#13	QPSK	22.61	23.31	33	PASS
				RB25#25	QPSK	22.62	23.32	33	PASS
				RB50#0	QPSK	22.65	23.35	33	PASS
			MCH	RB1#0	QPSK	23.55	24.25	33	PASS
				RB1#25	QPSK	23.45	24.15	33	PASS
				RB1#49	QPSK	23.42	24.12	33	PASS
				RB25#0	QPSK	22.53	23.23	33	PASS
				RB25#13	QPSK	22.56	23.26	33	PASS
				RB25#25	QPSK	22.50	23.20	33	PASS
				RB50#0	QPSK	22.51	23.21	33	PASS
			HCH	RB1#0	QPSK	23.39	24.09	33	PASS
				RB1#25	QPSK	23.40	24.10	33	PASS
				RB1#49	QPSK	23.27	23.97	33	PASS
				RB25#0	QPSK	22.34	23.04	33	PASS
				RB25#13	QPSK	22.37	23.07	33	PASS
				RB25#25	QPSK	22.32	23.02	33	PASS
				RB50#0	QPSK	22.30	23.00	33	PASS

Effective (Isotropic) Radiated Power of Transmitter									
Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Modulation	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
Band 38	TM1	15	LCH	RB1#0	QPSK	23.59	24.29	33	PASS
				RB1#38	QPSK	23.50	24.20	33	PASS
				RB1#74	QPSK	23.38	24.08	33	PASS
				RB38#0	QPSK	22.59	23.29	33	PASS
				RB38#19	QPSK	22.63	23.33	33	PASS
				RB38#39	QPSK	22.44	23.14	33	PASS
				RB75#0	QPSK	22.57	23.27	33	PASS
			MCH	RB1#0	QPSK	23.52	24.22	33	PASS
				RB1#38	QPSK	23.34	24.04	33	PASS
				RB1#74	QPSK	23.25	23.95	33	PASS
				RB38#0	QPSK	22.44	23.14	33	PASS
				RB38#19	QPSK	22.43	23.13	33	PASS
				RB38#39	QPSK	22.33	23.03	33	PASS
				RB75#0	QPSK	22.43	23.13	33	PASS
			HCH	RB1#0	QPSK	23.30	24.00	33	PASS
				RB1#38	QPSK	23.25	23.95	33	PASS
				RB1#74	QPSK	23.18	23.88	33	PASS
				RB38#0	QPSK	22.24	22.94	33	PASS
				RB38#19	QPSK	22.33	23.03	33	PASS
				RB38#39	QPSK	22.25	22.95	33	PASS
				RB75#0	QPSK	22.28	22.98	33	PASS

Effective (Isotropic) Radiated Power of Transmitter									
Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Modulation	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
Band 38	TM1	20	LCH	RB1#0	QPSK	23.61	24.31	33	PASS
				RB1#50	QPSK	23.54	24.24	33	PASS
				RB1#99	QPSK	23.43	24.13	33	PASS
				RB50#0	QPSK	22.60	23.30	33	PASS
				RB50#25	QPSK	22.52	23.22	33	PASS
				RB50#50	QPSK	22.45	23.15	33	PASS
				RB100#0	QPSK	22.49	23.19	33	PASS
			MCH	RB1#0	QPSK	23.49	24.19	33	PASS
				RB1#50	QPSK	23.32	24.02	33	PASS
				RB1#99	QPSK	23.27	23.97	33	PASS
				RB50#0	QPSK	22.42	23.12	33	PASS
				RB50#25	QPSK	22.44	23.14	33	PASS
				RB50#50	QPSK	22.37	23.07	33	PASS
				RB100#0	QPSK	22.47	23.17	33	PASS
			HCH	RB1#0	QPSK	23.38	24.08	33	PASS
				RB1#50	QPSK	23.31	24.01	33	PASS
				RB1#99	QPSK	23.28	23.98	33	PASS
				RB50#0	QPSK	22.26	22.96	33	PASS
				RB50#25	QPSK	22.27	22.97	33	PASS
				RB50#50	QPSK	22.28	22.98	33	PASS
				RB100#0	QPSK	19.99	20.69	33	PASS

Effective (Isotropic) Radiated Power of Transmitter									
Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Modulation	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
Band 38	TM2	5	LCH	RB1#0	16QAM	22.93	23.63	33	PASS
				RB1#13	16QAM	22.97	23.67	33	PASS
				RB1#24	16QAM	22.77	23.47	33	PASS
				RB12#0	16QAM	21.78	22.48	33	PASS
				RB12#6	16QAM	21.80	22.50	33	PASS
				RB12#13	16QAM	21.69	22.39	33	PASS
				RB25#0	16QAM	21.68	22.38	33	PASS
			MCH	RB1#0	16QAM	22.85	23.55	33	PASS
				RB1#13	16QAM	22.70	23.40	33	PASS
				RB1#24	16QAM	22.71	23.41	33	PASS
				RB12#0	16QAM	21.57	22.27	33	PASS
				RB12#6	16QAM	21.53	22.23	33	PASS
				RB12#13	16QAM	21.51	22.21	33	PASS
				RB25#0	16QAM	21.53	22.23	33	PASS
			HCH	RB1#0	16QAM	22.88	23.58	33	PASS
				RB1#13	16QAM	22.78	23.48	33	PASS
				RB1#24	16QAM	22.72	23.42	33	PASS
				RB12#0	16QAM	21.56	22.26	33	PASS
				RB12#6	16QAM	21.54	22.24	33	PASS
				RB12#13	16QAM	21.51	22.21	33	PASS
				RB25#0	16QAM	19.35	20.05	33	PASS

Effective (Isotropic) Radiated Power of Transmitter									
Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Modulation	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
Band 38	TM2	10	LCH	RB1#0	16QAM	22.92	23.62	33	PASS
				RB1#25	16QAM	22.87	23.57	33	PASS
				RB1#49	16QAM	22.85	23.55	33	PASS
				RB25#0	16QAM	21.71	22.41	33	PASS
				RB25#13	16QAM	21.63	22.33	33	PASS
				RB25#25	16QAM	21.58	22.28	33	PASS
				RB50#0	16QAM	21.65	22.35	33	PASS
			MCH	RB1#0	16QAM	23.06	23.76	33	PASS
				RB1#25	16QAM	22.86	23.56	33	PASS
				RB1#49	16QAM	22.84	23.54	33	PASS
				RB25#0	16QAM	21.54	22.24	33	PASS
				RB25#13	16QAM	21.56	22.26	33	PASS
				RB25#25	16QAM	21.51	22.21	33	PASS
				RB50#0	16QAM	21.55	22.25	33	PASS
			HCH	RB1#0	16QAM	22.77	23.47	33	PASS
				RB1#25	16QAM	22.79	23.49	33	PASS
				RB1#49	16QAM	22.74	23.44	33	PASS
				RB25#0	16QAM	21.40	22.10	33	PASS
				RB25#13	16QAM	21.40	22.10	33	PASS
				RB25#25	16QAM	21.42	22.12	33	PASS
				RB50#0	16QAM	21.39	22.09	33	PASS

Effective (Isotropic) Radiated Power of Transmitter									
Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Modulation	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
Band 38	TM2	15	LCH	RB1#0	16QAM	22.93	23.63	33	PASS
				RB1#38	16QAM	22.78	23.48	33	PASS
				RB1#74	16QAM	22.70	23.40	33	PASS
				RB38#0	16QAM	21.61	22.31	33	PASS
				RB38#19	16QAM	21.60	22.30	33	PASS
				RB38#39	16QAM	21.49	22.19	33	PASS
				RB75#0	16QAM	21.58	22.28	33	PASS
			MCH	RB1#0	16QAM	22.87	23.57	33	PASS
				RB1#38	16QAM	22.80	23.50	33	PASS
				RB1#74	16QAM	22.73	23.43	33	PASS
				RB38#0	16QAM	21.43	22.13	33	PASS
				RB38#19	16QAM	21.45	22.15	33	PASS
				RB38#39	16QAM	21.35	22.05	33	PASS
				RB75#0	16QAM	21.41	22.11	33	PASS
			HCH	RB1#0	16QAM	22.62	23.32	33	PASS
				RB1#38	16QAM	22.57	23.27	33	PASS
				RB1#74	16QAM	22.57	23.27	33	PASS
				RB38#0	16QAM	21.24	21.94	33	PASS
				RB38#19	16QAM	21.38	22.08	33	PASS
				RB38#39	16QAM	21.32	22.02	33	PASS
				RB75#0	16QAM	21.30	22.00	33	PASS

Effective (Isotropic) Radiated Power of Transmitter									
Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Modulation	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
Band 38	TM2	20	LCH	RB1#0	16QAM	22.93	23.63	33	PASS
				RB1#50	16QAM	22.81	23.51	33	PASS
				RB1#99	16QAM	22.69	23.39	33	PASS
				RB50#0	16QAM	21.62	22.32	33	PASS
				RB50#25	16QAM	21.54	22.24	33	PASS
				RB50#50	16QAM	21.49	22.19	33	PASS
				RB100#0	16QAM	21.50	22.20	33	PASS
			MCH	RB1#0	16QAM	22.61	23.31	33	PASS
				RB1#50	16QAM	22.56	23.26	33	PASS
				RB1#99	16QAM	22.44	23.14	33	PASS
				RB50#0	16QAM	21.51	22.21	33	PASS
				RB50#25	16QAM	21.53	22.23	33	PASS
				RB50#50	16QAM	21.34	22.04	33	PASS
				RB100#0	16QAM	21.45	22.15	33	PASS
			HCH	RB1#0	16QAM	22.75	23.45	33	PASS
				RB1#50	16QAM	22.69	23.39	33	PASS
				RB1#99	16QAM	22.67	23.37	33	PASS
				RB50#0	16QAM	21.30	22.00	33	PASS
				RB50#25	16QAM	21.30	22.00	33	PASS
				RB50#50	16QAM	19.08	19.78	33	PASS
				RB100#0	16QAM	19.01	19.71	33	PASS

2. APPENDIX B - PEAK-TO-AVERAGE RATIO

2.1 TEST RESULTS

Peak-to-Average Ratio								
Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Modulation	Measured [dBm]	Limit [dBm]	Verdict
Band 38	TM1	5	LCH	RB1#0	QPSK	3.66	13	PASS
				RB1#13	QPSK	3.53	13	PASS
				RB1#24	QPSK	3.65	13	PASS
				RB12#0	QPSK	5.02	13	PASS
				RB12#6	QPSK	4.95	13	PASS
				RB12#13	QPSK	5.02	13	PASS
				RB25#0	QPSK	5.33	13	PASS
			HCH	RB1#0	QPSK	3.59	13	PASS
				RB1#13	QPSK	3.50	13	PASS
				RB1#24	QPSK	3.62	13	PASS
				RB12#0	QPSK	5.27	13	PASS
				RB12#6	QPSK	5.06	13	PASS
				RB12#13	QPSK	5.22	13	PASS
				RB25#0	QPSK	5.41	13	PASS
			MCH	RB1#0	QPSK	3.70	13	PASS
				RB1#13	QPSK	3.55	13	PASS
				RB1#24	QPSK	3.71	13	PASS
				RB12#0	QPSK	5.02	13	PASS
				RB12#6	QPSK	5.00	13	PASS
				RB12#13	QPSK	5.03	13	PASS
				RB25#0	QPSK	5.46	13	PASS

Peak-to-Average Ratio								
Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Modulation	Measured [dBm]	Limit [dBm]	Verdict
Band 38	TM1	10	LCH	RB1#0	QPSK	3.67	13	PASS
				RB1#25	QPSK	3.65	13	PASS
				RB1#49	QPSK	3.67	13	PASS
				RB25#0	QPSK	5.15	13	PASS
				RB25#13	QPSK	5.09	13	PASS
				RB25#25	QPSK	5.10	13	PASS
				RB50#0	QPSK	6.14	13	PASS
			HCH	RB1#0	QPSK	3.62	13	PASS
				RB1#25	QPSK	3.61	13	PASS
				RB1#49	QPSK	3.64	13	PASS
				RB25#0	QPSK	5.10	13	PASS
				RB25#13	QPSK	5.03	13	PASS
				RB25#25	QPSK	5.08	13	PASS
				RB50#0	QPSK	5.88	13	PASS
			MCH	RB1#0	QPSK	3.49	13	PASS
				RB1#25	QPSK	3.50	13	PASS
				RB1#49	QPSK	3.52	13	PASS
				RB25#0	QPSK	5.05	13	PASS
				RB25#13	QPSK	4.98	13	PASS
				RB25#25	QPSK	5.08	13	PASS
				RB50#0	QPSK	5.59	13	PASS

Peak-to-Average Ratio								
Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Modulation	Measured [dBm]	Limit [dBm]	Verdict
Band 38	TM1	15	LCH	RB1#0	QPSK	3.65	13	PASS
				RB1#38	QPSK	3.65	13	PASS
				RB1#74	QPSK	3.64	13	PASS
				RB38#0	QPSK	5.20	13	PASS
				RB38#19	QPSK	5.12	13	PASS
				RB38#39	QPSK	5.18	13	PASS
				RB75#0	QPSK	6.26	13	PASS
			HCH	RB1#0	QPSK	3.63	13	PASS
				RB1#38	QPSK	3.64	13	PASS
				RB1#74	QPSK	3.62	13	PASS
				RB38#0	QPSK	5.08	13	PASS
				RB38#19	QPSK	5.04	13	PASS
				RB38#39	QPSK	5.07	13	PASS
				RB75#0	QPSK	6.12	13	PASS
			MCH	RB1#0	QPSK	3.45	13	PASS
				RB1#38	QPSK	3.46	13	PASS
				RB1#74	QPSK	3.48	13	PASS
				RB38#0	QPSK	5.17	13	PASS
				RB38#19	QPSK	4.99	13	PASS
				RB38#39	QPSK	5.19	13	PASS
				RB75#0	QPSK	6.17	13	PASS

Peak-to-Average Ratio								
Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Modulation	Measured [dBm]	Limit [dBm]	Verdict
Band 38	TM1	20	LCH	RB1#0	QPSK	3.59	13	PASS
				RB1#50	QPSK	3.61	13	PASS
				RB1#99	QPSK	3.55	13	PASS
				RB50#0	QPSK	5.16	13	PASS
				RB50#25	QPSK	5.12	13	PASS
				RB50#50	QPSK	5.13	13	PASS
				RB100#0	QPSK	5.81	13	PASS
			HCH	RB1#0	QPSK	3.61	13	PASS
				RB1#50	QPSK	3.62	13	PASS
				RB1#99	QPSK	3.58	13	PASS
				RB50#0	QPSK	5.14	13	PASS
				RB50#25	QPSK	5.06	13	PASS
				RB50#50	QPSK	5.12	13	PASS
				RB100#0	QPSK	5.81	13	PASS
			MCH	RB1#0	QPSK	3.53	13	PASS
				RB1#50	QPSK	3.55	13	PASS
				RB1#99	QPSK	3.54	13	PASS
				RB50#0	QPSK	5.07	13	PASS
				RB50#25	QPSK	5.06	13	PASS
				RB50#50	QPSK	5.08	13	PASS
				RB100#0	QPSK	5.92	13	PASS

Peak-to-Average Ratio								
Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Modulation	Measured [dBm]	Limit [dBm]	Verdict
Band 38	TM2	5	LCH	RB1#0	16QAM	5.27	13	PASS
				RB1#13	16QAM	5.13	13	PASS
				RB1#24	16QAM	5.26	13	PASS
				RB12#0	16QAM	6.02	13	PASS
				RB12#6	16QAM	5.93	13	PASS
				RB12#13	16QAM	6.02	13	PASS
				RB25#0	16QAM	6.31	13	PASS
			HCH	RB1#0	16QAM	5.19	13	PASS
				RB1#13	16QAM	5.07	13	PASS
				RB1#24	16QAM	5.20	13	PASS
				RB12#0	16QAM	5.88	13	PASS
				RB12#6	16QAM	5.83	13	PASS
				RB12#13	16QAM	5.85	13	PASS
				RB25#0	16QAM	6.36	13	PASS
			MCH	RB1#0	16QAM	5.25	13	PASS
				RB1#13	16QAM	5.15	13	PASS
				RB1#24	16QAM	5.26	13	PASS
				RB12#0	16QAM	5.81	13	PASS
				RB12#6	16QAM	5.77	13	PASS
				RB12#13	16QAM	5.80	13	PASS
				RB25#0	16QAM	6.36	13	PASS

Peak-to-Average Ratio								
Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Modulation	Measured [dBm]	Limit [dBm]	Verdict
Band 38	TM2	10	LCH	RB1#0	16QAM	5.33	13	PASS
				RB1#25	16QAM	5.31	13	PASS
				RB1#49	16QAM	5.32	13	PASS
				RB25#0	16QAM	6.04	13	PASS
				RB25#13	16QAM	5.95	13	PASS
				RB25#25	16QAM	6.07	13	PASS
				RB50#0	16QAM	6.54	13	PASS
			HCH	RB1#0	16QAM	5.09	13	PASS
				RB1#25	16QAM	5.09	13	PASS
				RB1#49	16QAM	5.11	13	PASS
				RB25#0	16QAM	5.96	13	PASS
				RB25#13	16QAM	5.94	13	PASS
				RB25#25	16QAM	5.97	13	PASS
				RB50#0	16QAM	6.57	13	PASS
			MCH	RB1#0	16QAM	5.00	13	PASS
				RB1#25	16QAM	5.01	13	PASS
				RB1#49	16QAM	4.99	13	PASS
				RB25#0	16QAM	5.97	13	PASS
				RB25#13	16QAM	5.88	13	PASS
				RB25#25	16QAM	5.96	13	PASS
				RB50#0	16QAM	6.72	13	PASS

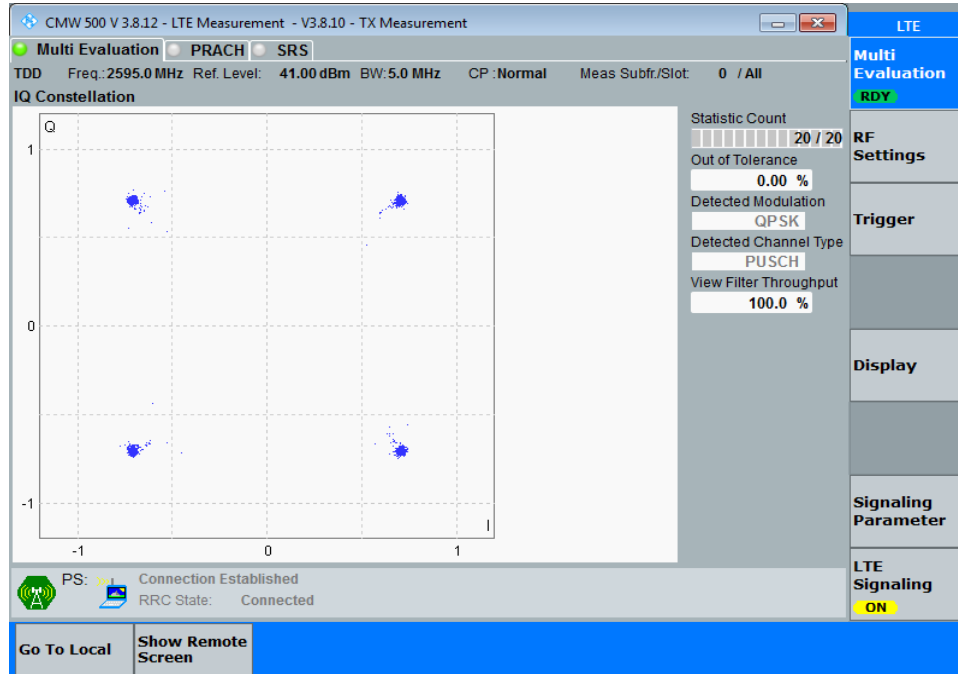
Peak-to-Average Ratio								
Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Modulation	Measured [dBm]	Limit [dBm]	Verdict
Band 38	TM2	15	LCH	RB1#0	16QAM	5.31	13	PASS
				RB1#38	16QAM	5.28	13	PASS
				RB1#74	16QAM	5.30	13	PASS
				RB38#0	16QAM	6.17	13	PASS
				RB38#19	16QAM	6.03	13	PASS
				RB38#39	16QAM	6.09	13	PASS
				RB75#0	16QAM	6.93	13	PASS
			HCH	RB1#0	16QAM	5.08	13	PASS
				RB1#38	16QAM	5.09	13	PASS
				RB1#74	16QAM	5.11	13	PASS
				RB38#0	16QAM	6.00	13	PASS
				RB38#19	16QAM	5.96	13	PASS
				RB38#39	16QAM	5.98	13	PASS
				RB75#0	16QAM	6.87	13	PASS
			MCH	RB1#0	16QAM	5.11	13	PASS
				RB1#38	16QAM	5.10	13	PASS
				RB1#74	16QAM	5.16	13	PASS
				RB38#0	16QAM	6.03	13	PASS
				RB38#19	16QAM	5.92	13	PASS
				RB38#39	16QAM	6.06	13	PASS
				RB75#0	16QAM	6.80	13	PASS

Peak-to-Average Ratio								
Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Modulation	Measured [dBm]	Limit [dBm]	Verdict
Band 38	TM2	20	LCH	RB1#0	16QAM	5.24	13	PASS
				RB1#50	16QAM	5.24	13	PASS
				RB1#99	16QAM	5.21	13	PASS
				RB50#0	16QAM	6.14	13	PASS
				RB50#25	16QAM	6.04	13	PASS
				RB50#50	16QAM	6.14	13	PASS
				RB100#0	16QAM	6.81	13	PASS
			HCH	RB1#0	16QAM	5.39	13	PASS
				RB1#50	16QAM	5.38	13	PASS
				RB1#99	16QAM	5.33	13	PASS
				RB50#0	16QAM	6.20	13	PASS
				RB50#25	16QAM	6.02	13	PASS
				RB50#50	16QAM	6.09	13	PASS
				RB100#0	16QAM	6.80	13	PASS
			MCH	RB1#0	16QAM	5.03	13	PASS
				RB1#50	16QAM	5.04	13	PASS
				RB1#99	16QAM	5.05	13	PASS
				RB50#0	16QAM	6.04	13	PASS
				RB50#25	16QAM	5.94	13	PASS
				RB50#50	16QAM	6.06	13	PASS
				RB100#0	16QAM	6.58	13	PASS

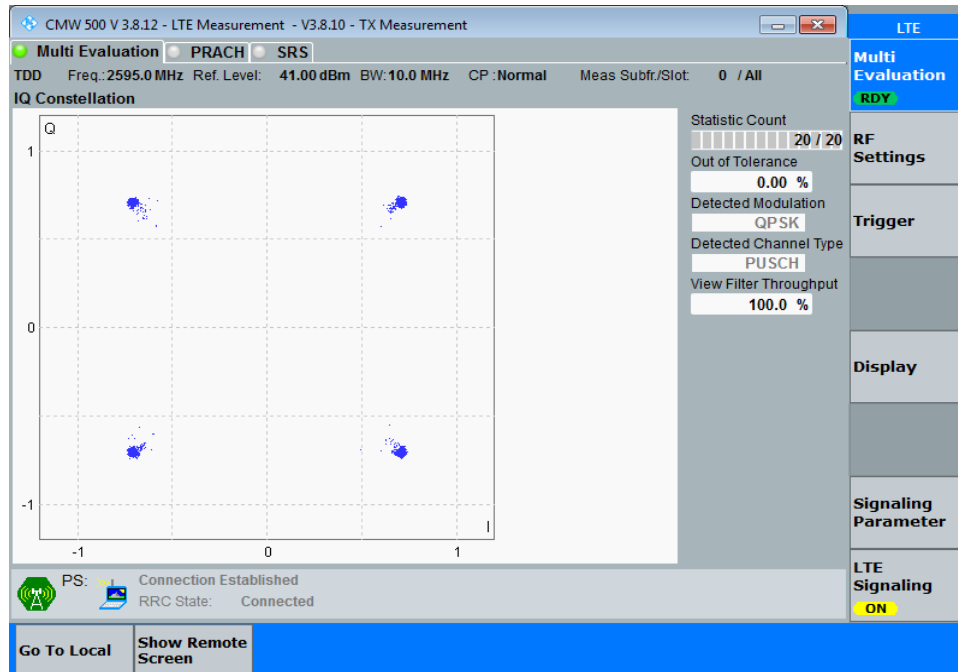
3. APPENDIX C - MODULATION CHARACTERISTICS

3.1 TEST PLOTS

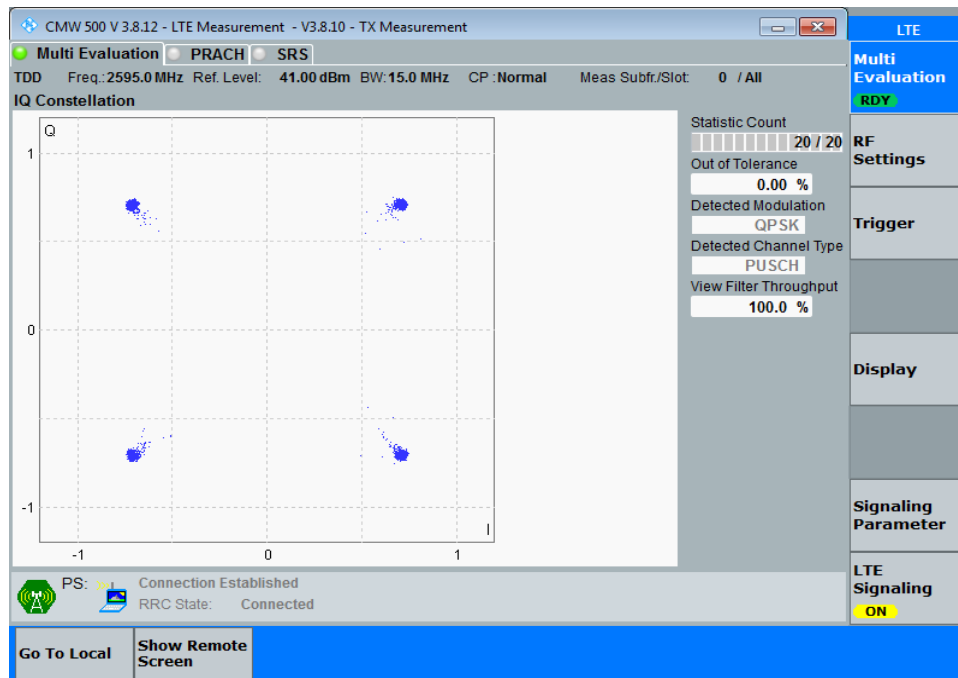
3.1.1 BAND 38_TM1_5MHZ_MCH_RB25#0



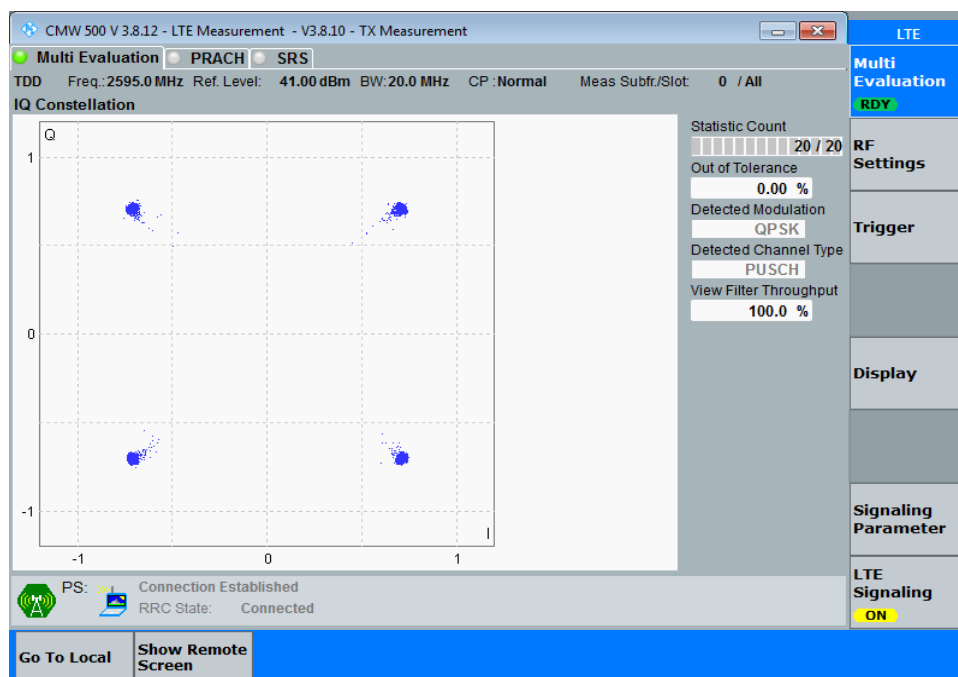
3.1.2 BAND 38_TM1_10MHZ_MCH_RB50#0



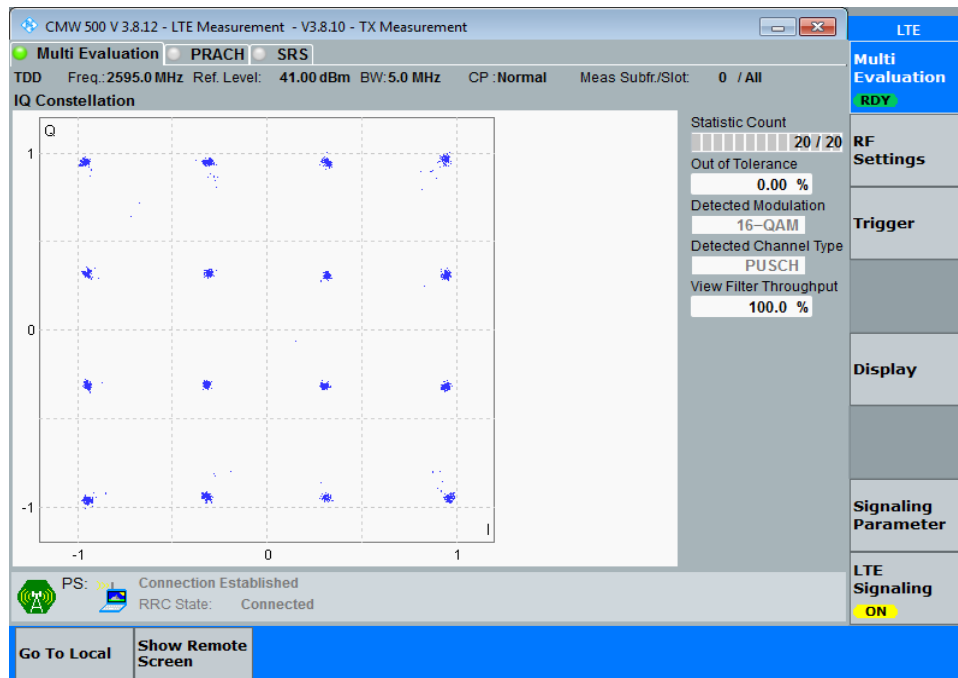
3.1.3 BAND 38_TM1_15MHZ_MCH_RB75#0



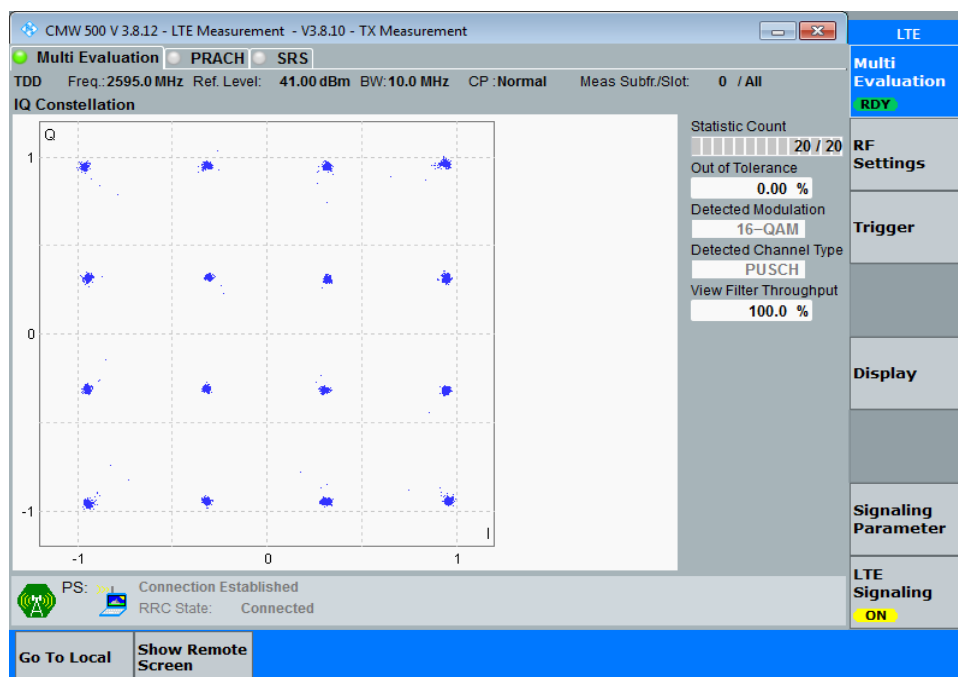
3.1.4 BAND 38_TM1_20MHZ_MCH_RB100#0



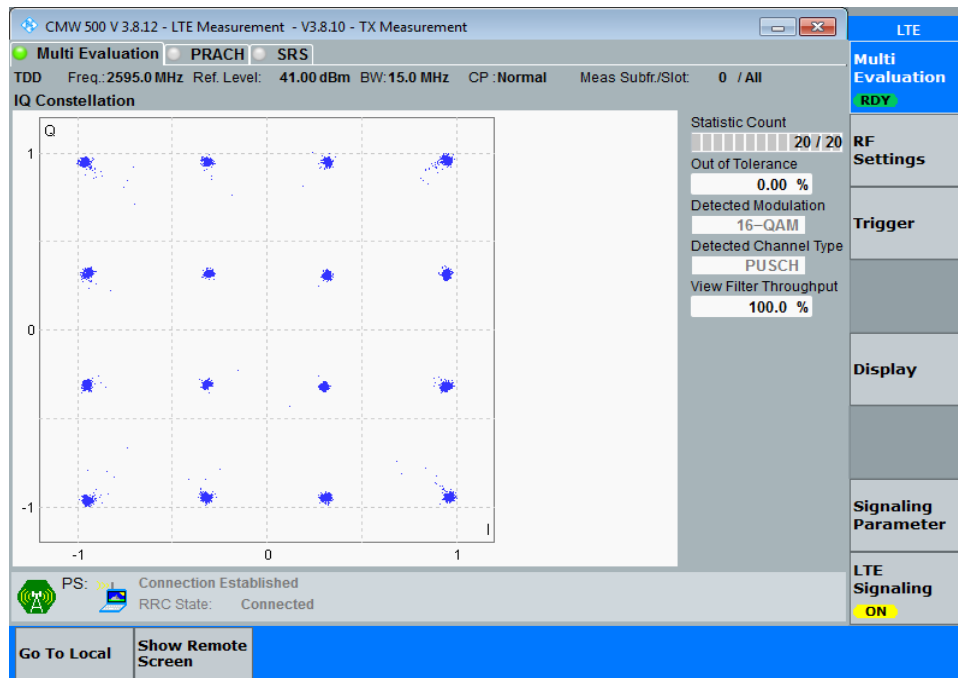
3.1.5 BAND 38_TM2_5MHZ_MCH_RB25#0



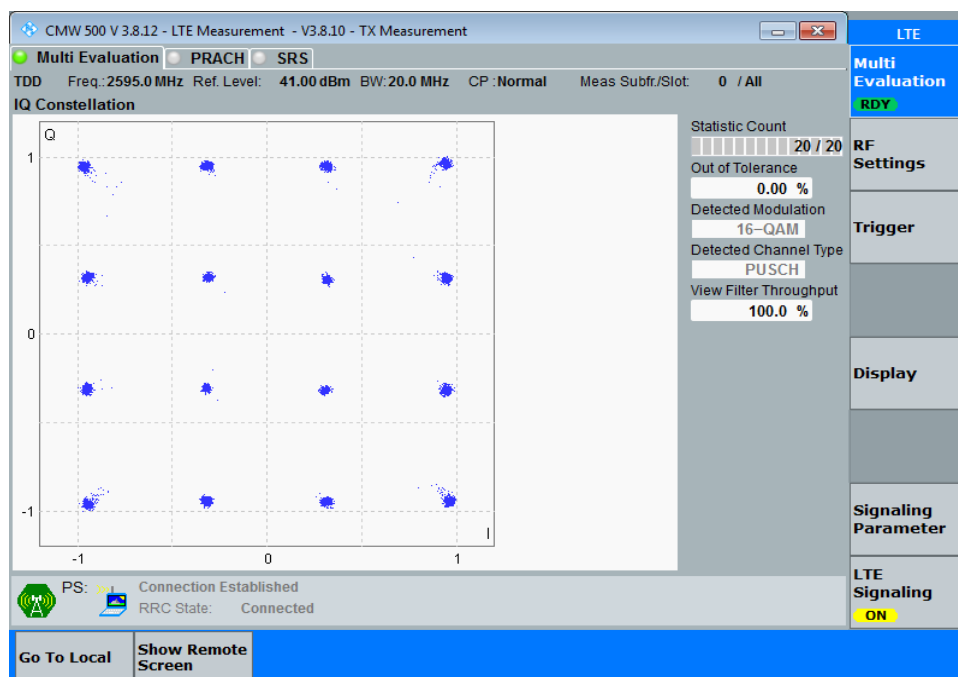
3.1.6 BAND 38_TM2_10MHZ_MCH_RB50#0



3.1.7 BAND 38_TM2_15MHZ_MCH_RB75#0



3.1.8 BAND 38_TM2_20MHZ_MCH_RB100#0



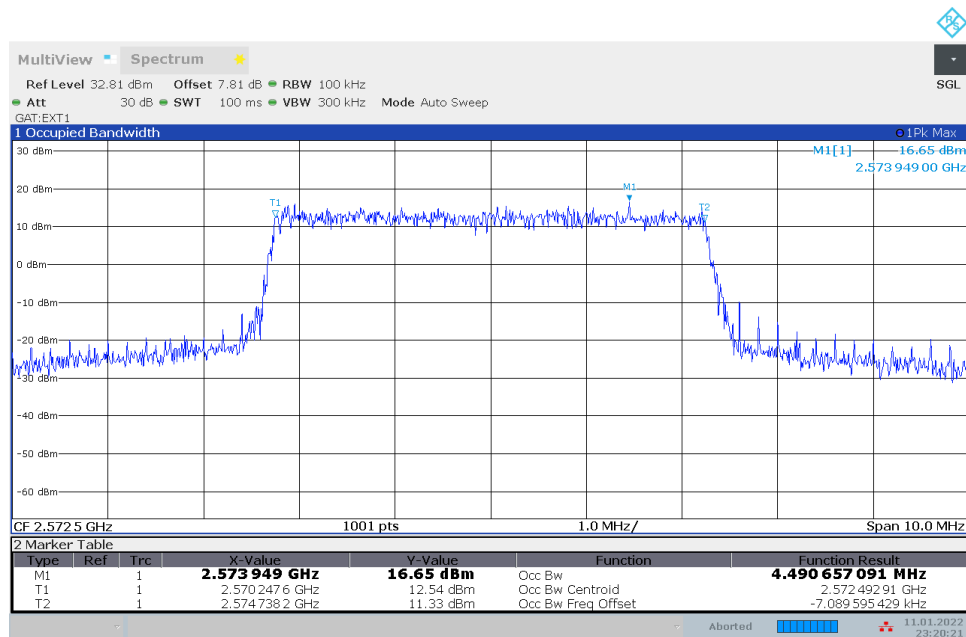
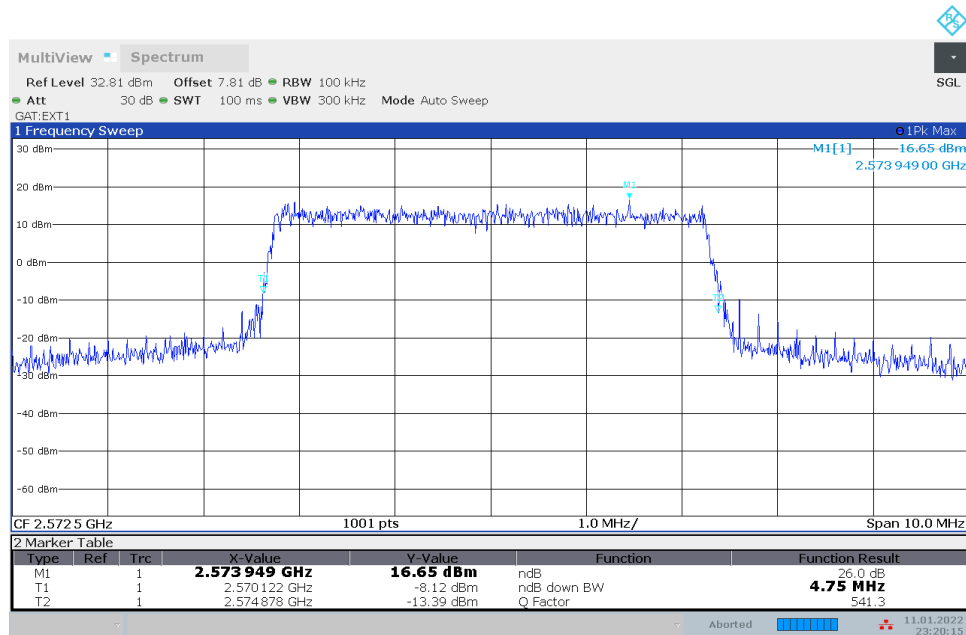
4. APPENDIX D - OCCUPIED BANDWIDTH

4.1 TEST RESULTS

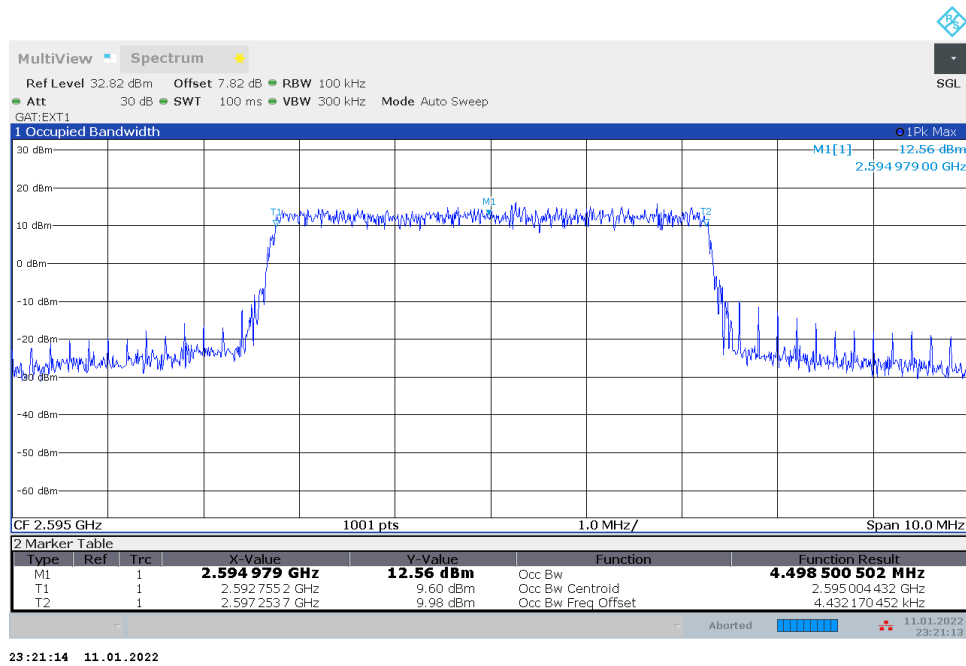
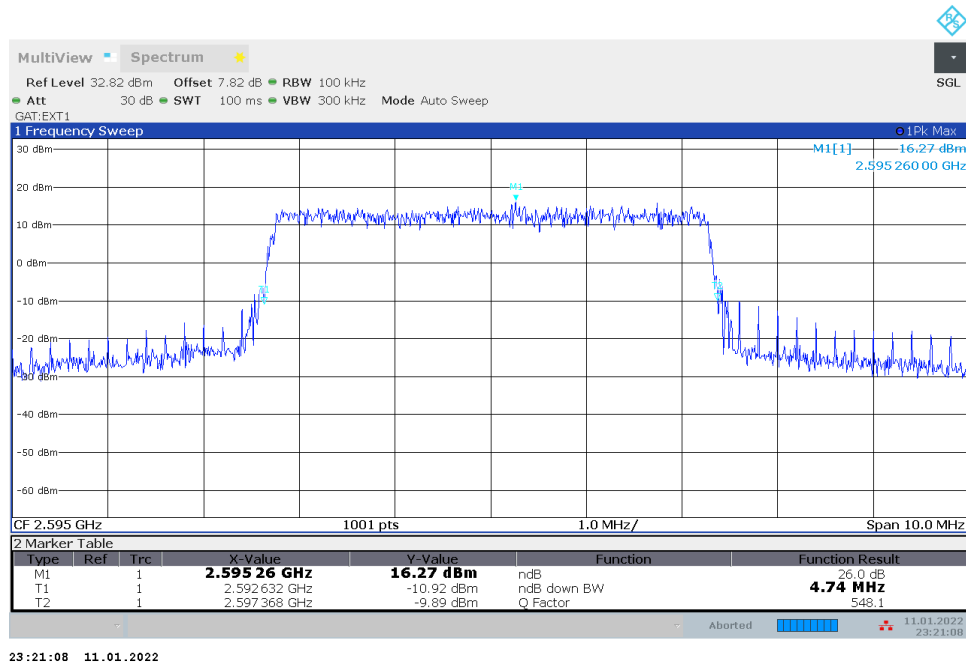
Occupied Bandwidth								
Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Modulation	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
Band 38	TM1	5	LCH	RB25#0	QPSK	4.49	4.75	PASS
			HCH	RB25#0	QPSK	4.50	4.74	PASS
			MCH	RB25#0	QPSK	4.48	4.74	PASS
		10	LCH	RB50#0	QPSK	8.97	9.61	PASS
			HCH	RB50#0	QPSK	8.96	9.57	PASS
			MCH	RB50#0	QPSK	8.97	9.45	PASS
		15	LCH	RB75#0	QPSK	13.45	14.30	PASS
			HCH	RB75#0	QPSK	13.45	14.21	PASS
			MCH	RB75#0	QPSK	13.43	14.27	PASS
		20	LCH	RB100#0	QPSK	17.99	19.10	PASS
			HCH	RB100#0	QPSK	17.97	19.14	PASS
			MCH	RB100#0	QPSK	17.98	19.18	PASS
	TM2	5	LCH	RB25#0	16QAM	4.48	4.74	PASS
			HCH	RB25#0	16QAM	4.50	4.76	PASS
			MCH	RB25#0	16QAM	4.47	4.79	PASS
		10	LCH	RB50#0	16QAM	8.97	9.51	PASS
			HCH	RB50#0	16QAM	8.96	9.51	PASS
			MCH	RB50#0	16QAM	8.96	9.41	PASS
		15	LCH	RB75#0	16QAM	13.41	14.18	PASS
			HCH	RB75#0	16QAM	13.43	14.15	PASS
			MCH	RB75#0	16QAM	13.44	14.27	PASS
		20	LCH	RB100#0	16QAM	17.96	19.22	PASS
			HCH	RB100#0	16QAM	17.95	19.18	PASS
			MCH	RB100#0	16QAM	17.96	19.22	PASS

4.2 TEST PLOTS

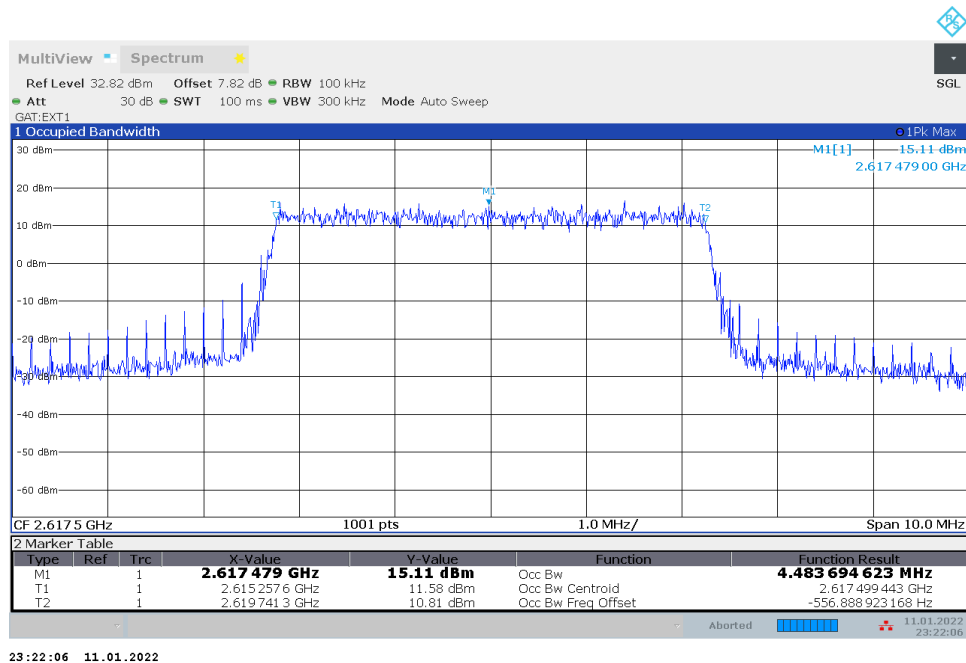
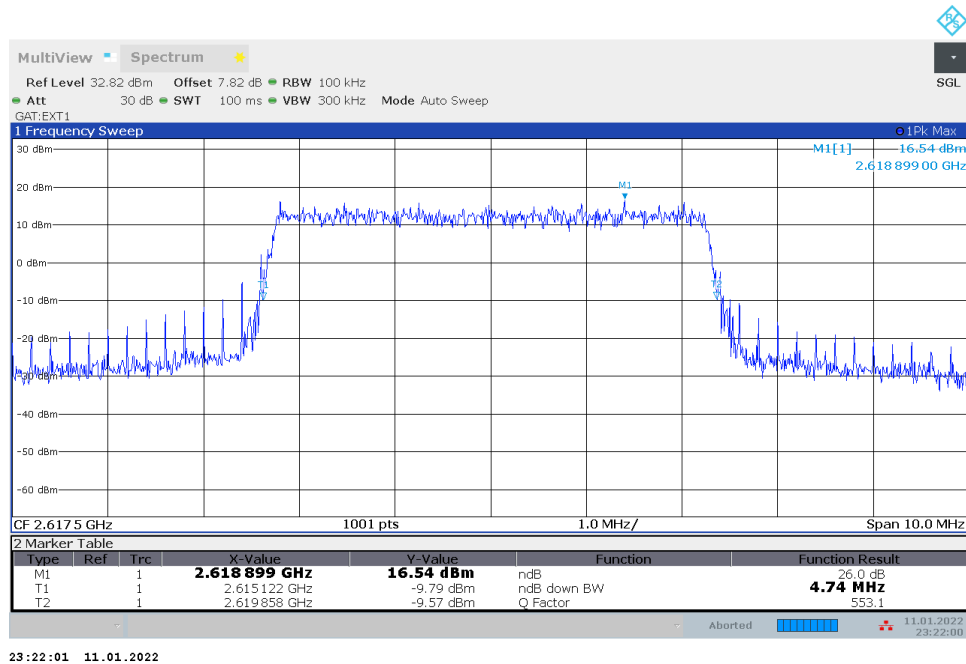
4.2.1 BAND 38_TM1_5MHZ_LCH_RB25#0



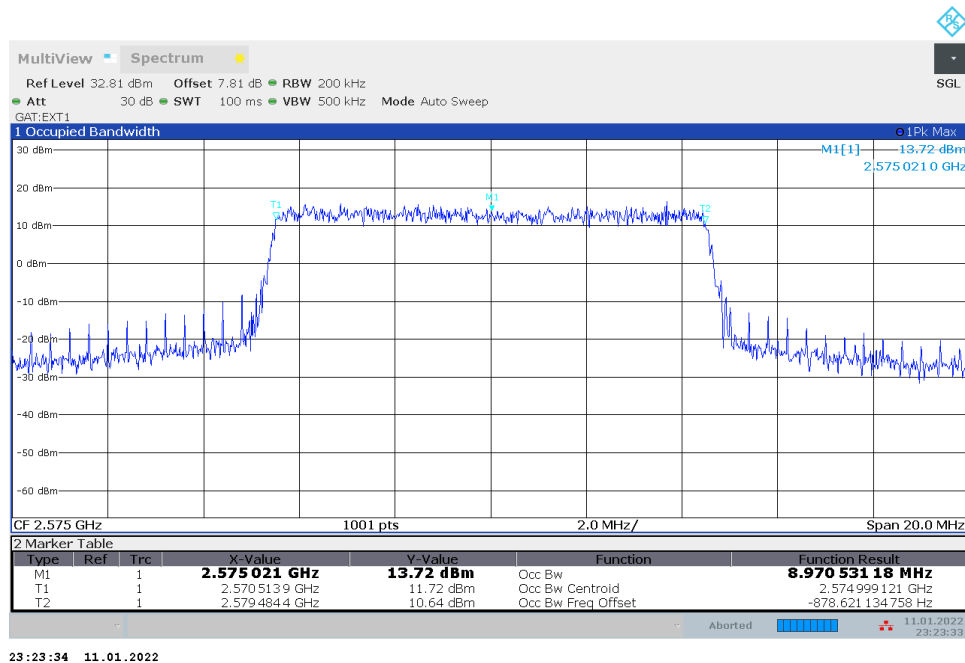
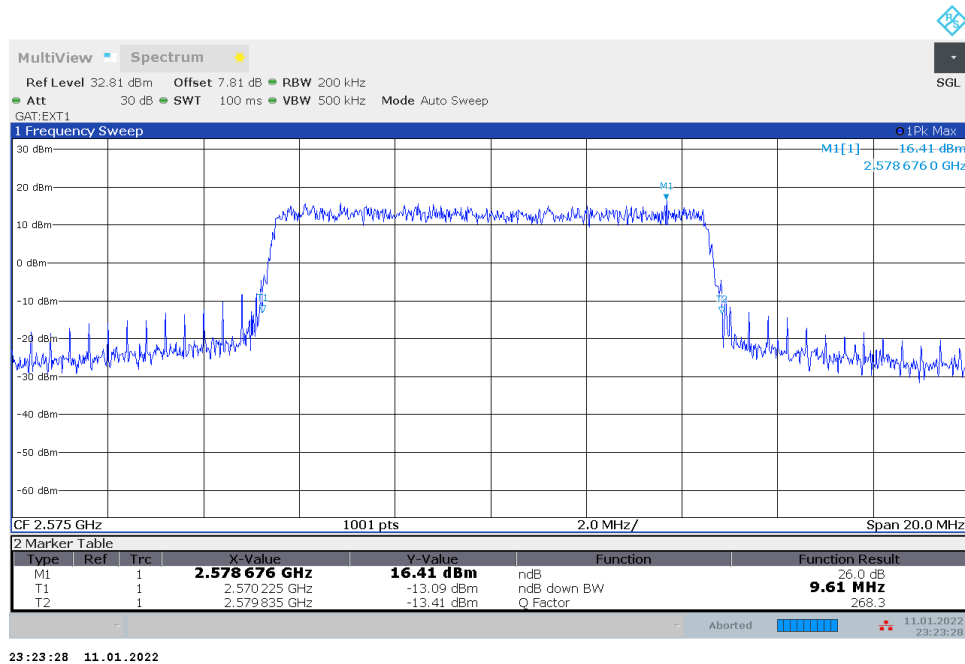
4.2.2 BAND 38_TM1_5MHZ_HCH_RB25#0



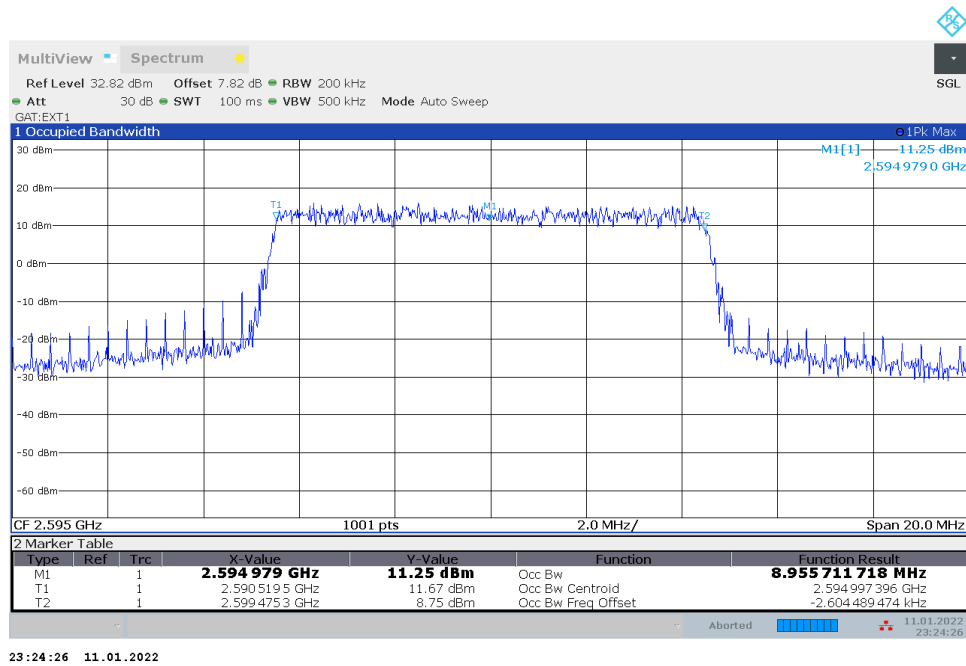
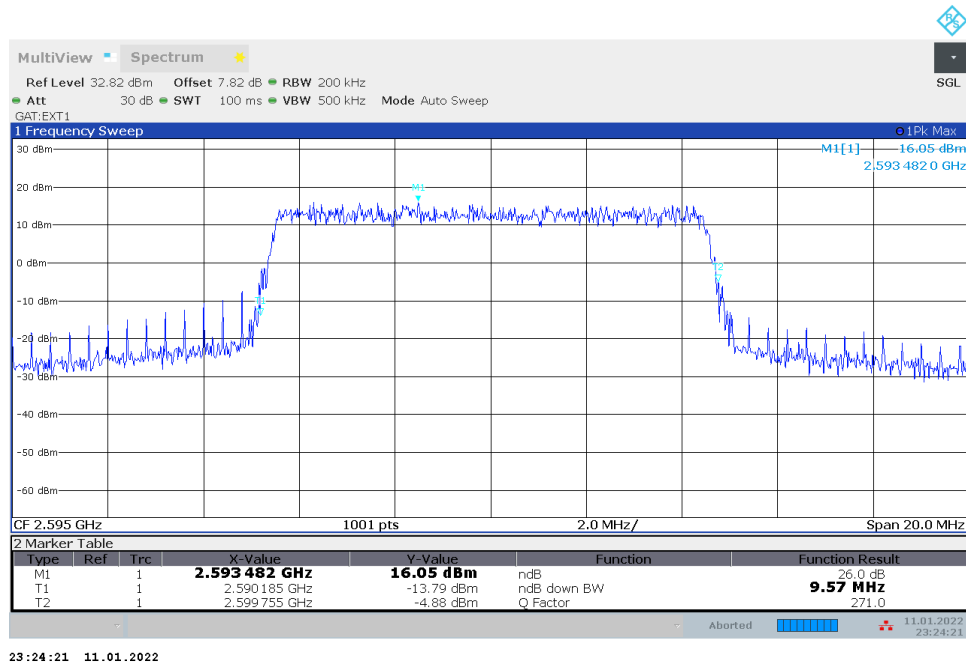
4.2.3 BAND 38_TM1_5MHZ_MCH_RB25#0



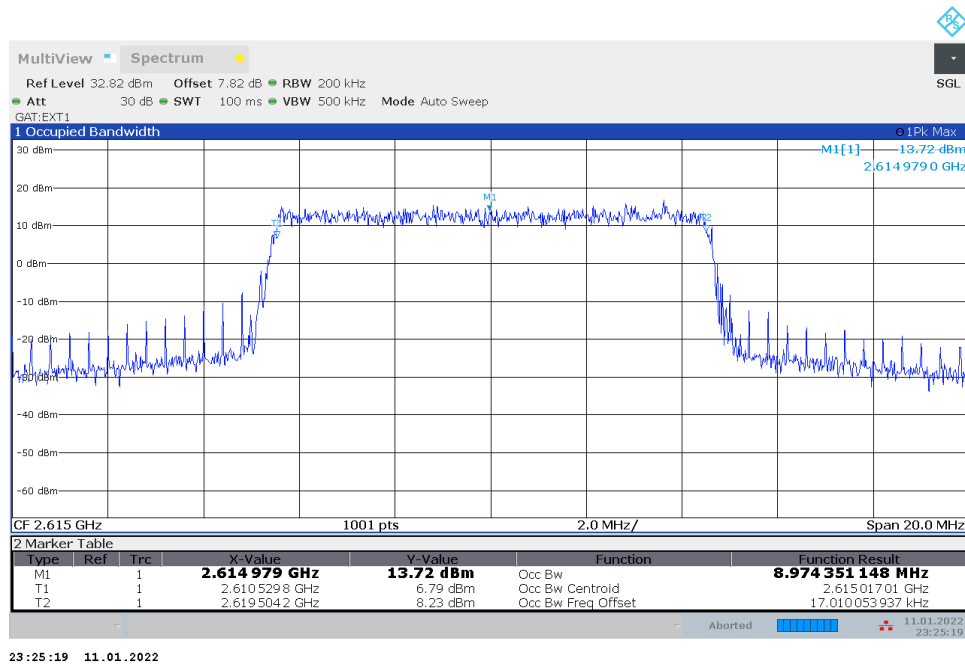
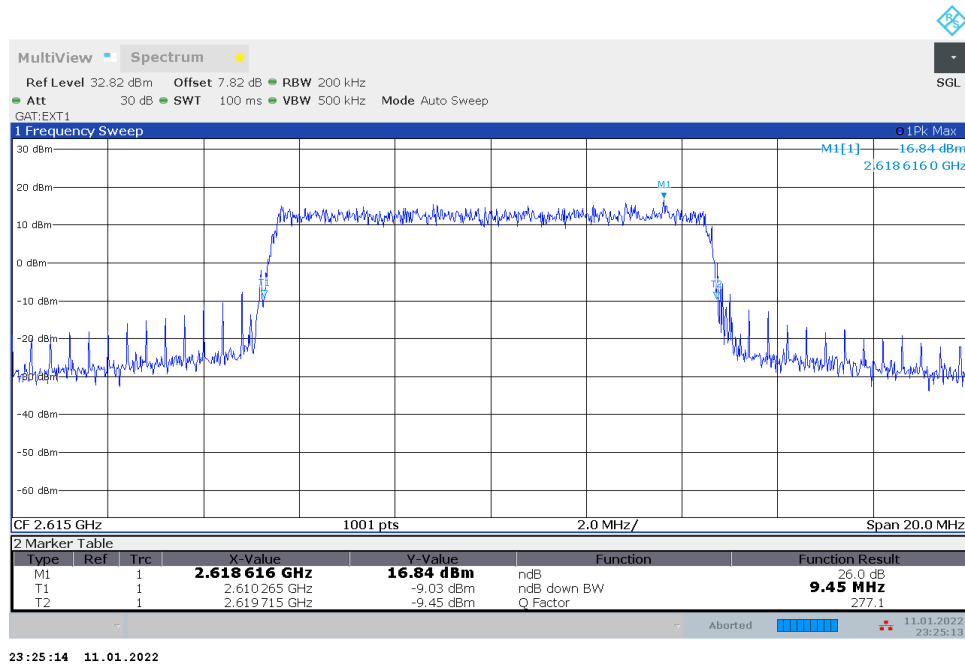
4.2.4 BAND 38_TM1_10MHZ_LCH_RB50#0



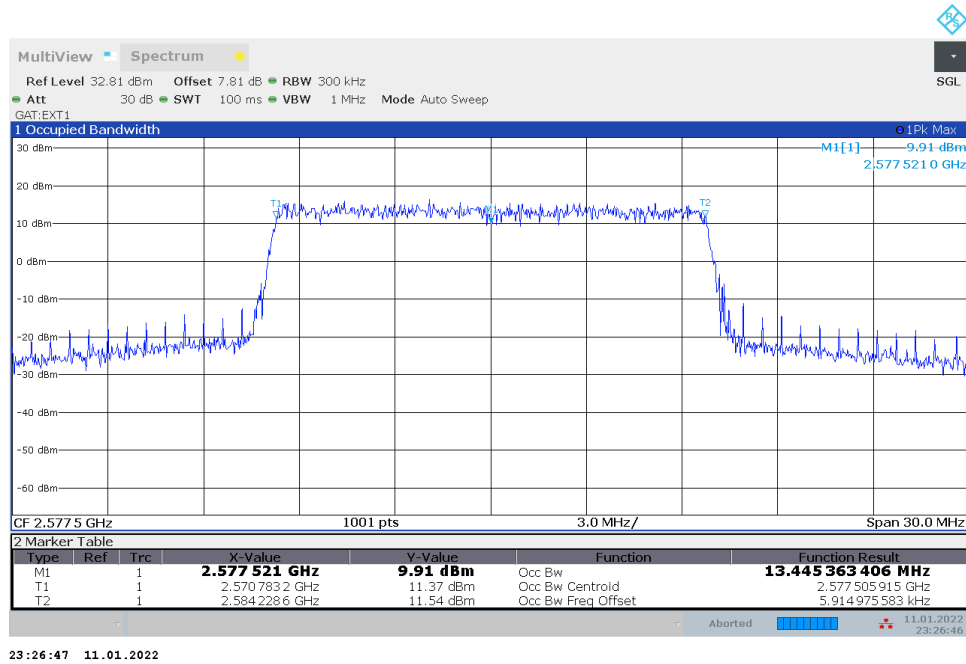
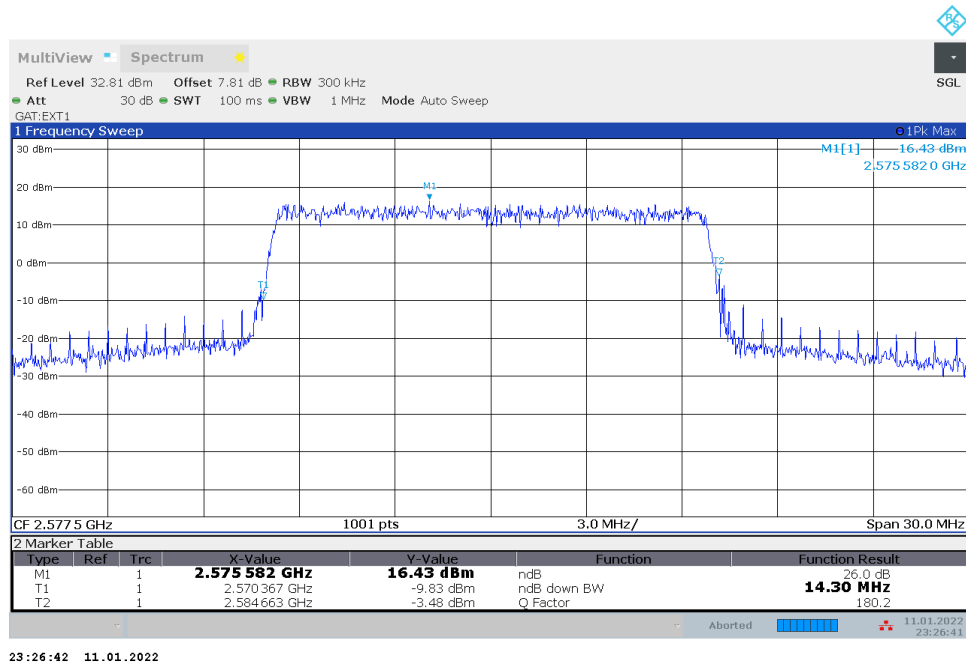
4.2.5 BAND 38_TM1_10MHZ_HCH_RB50#0



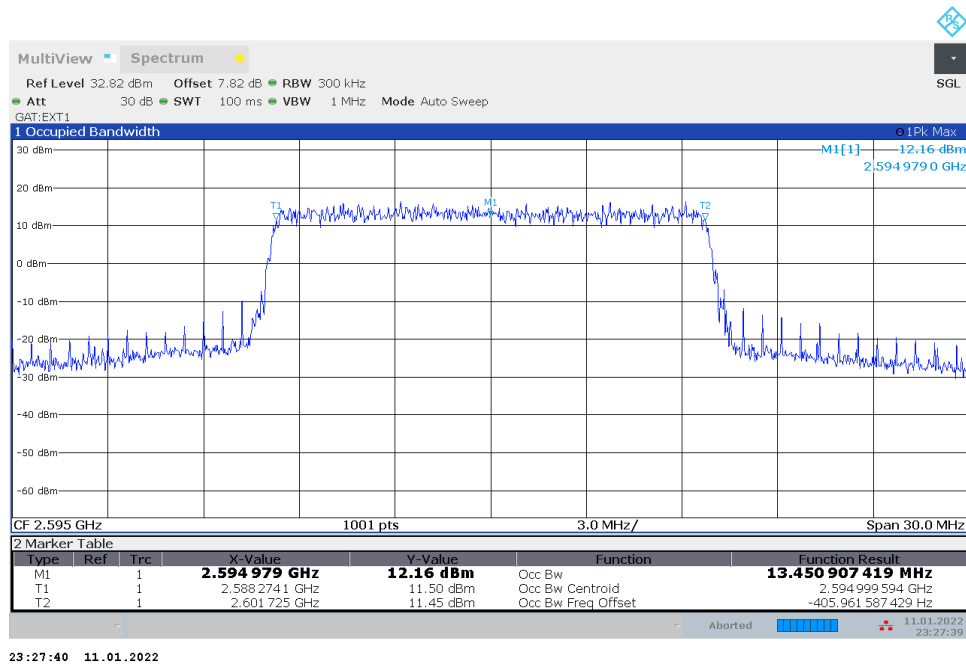
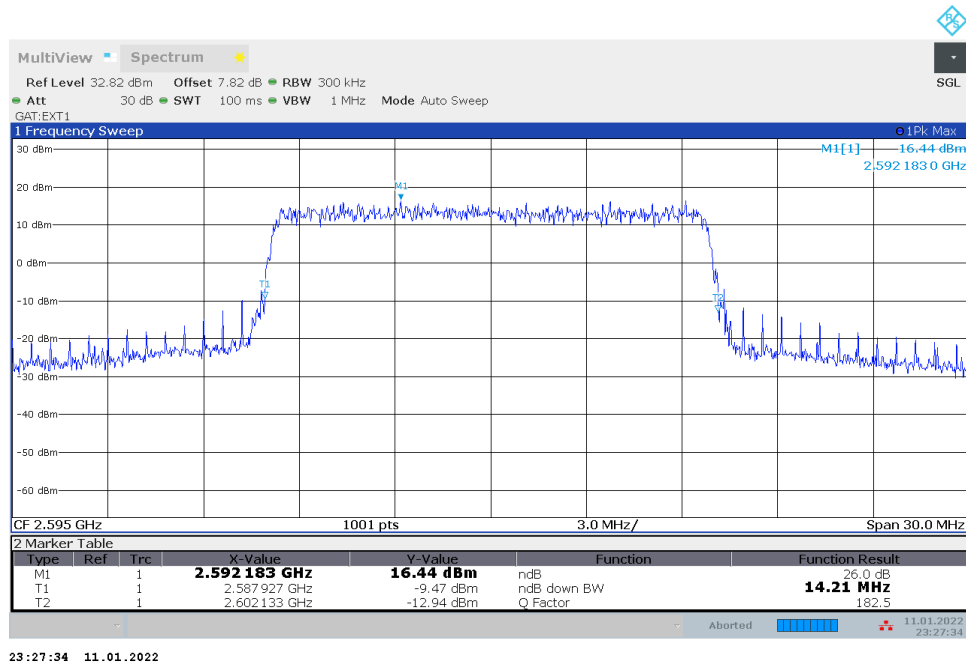
4.2.6 BAND 38_TM1_10MHZ_MCH_RB50#0



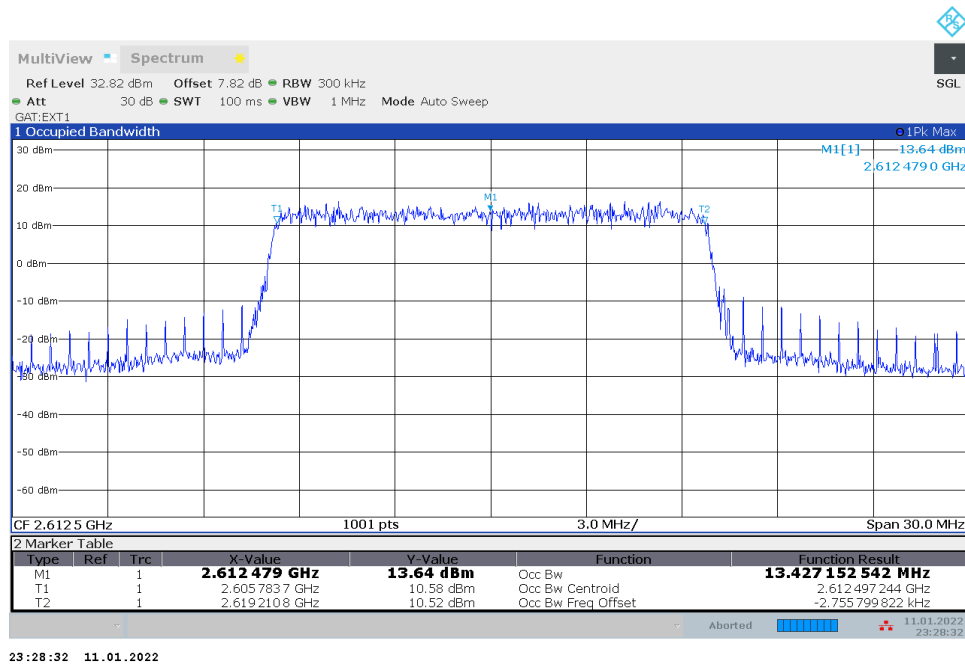
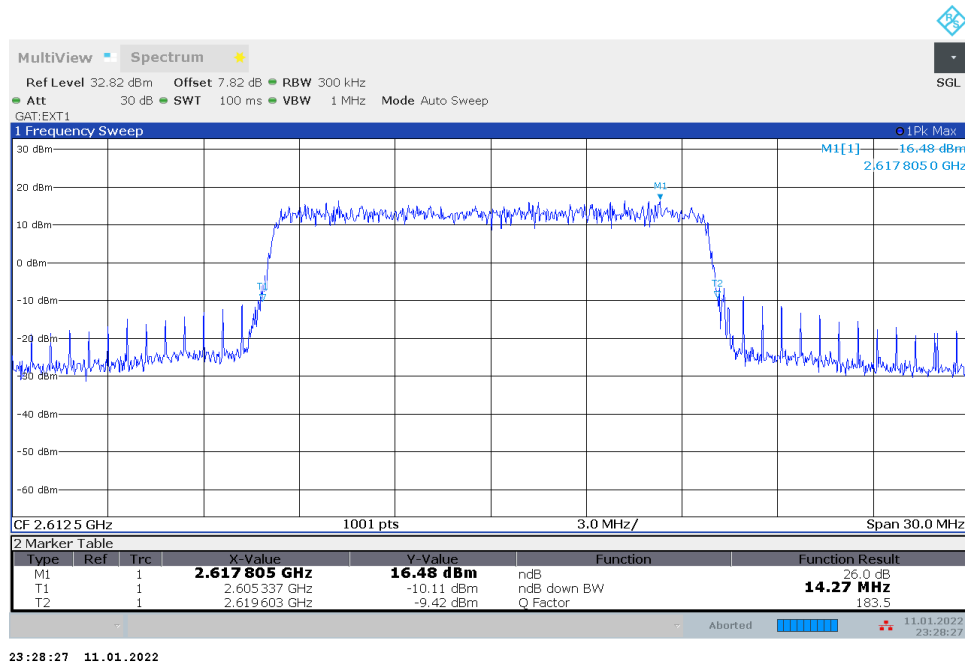
4.2.7 BAND 38_TM1_15MHZ_LCH_RB75#0



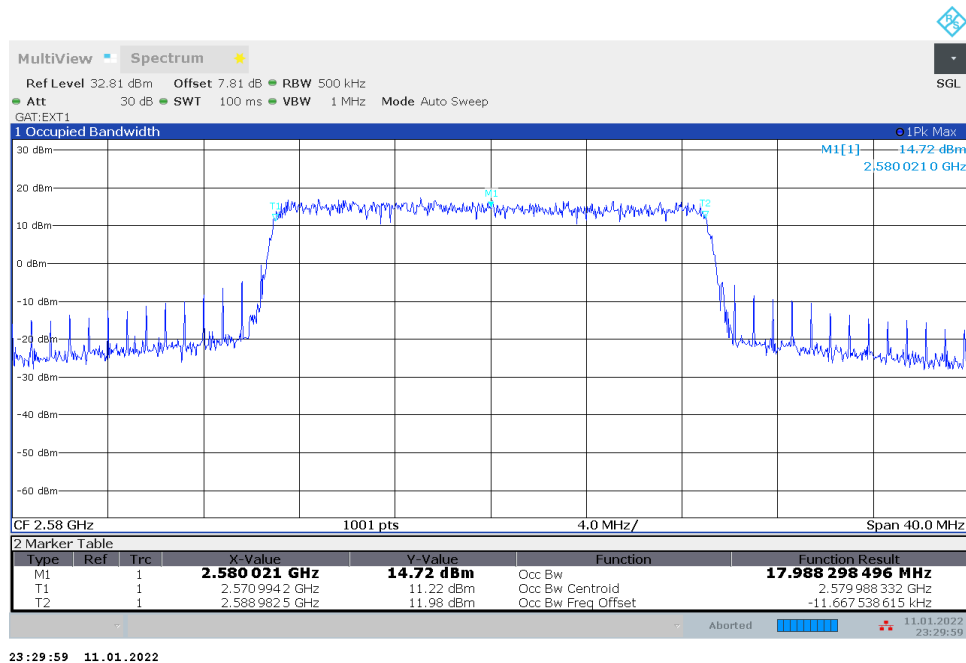
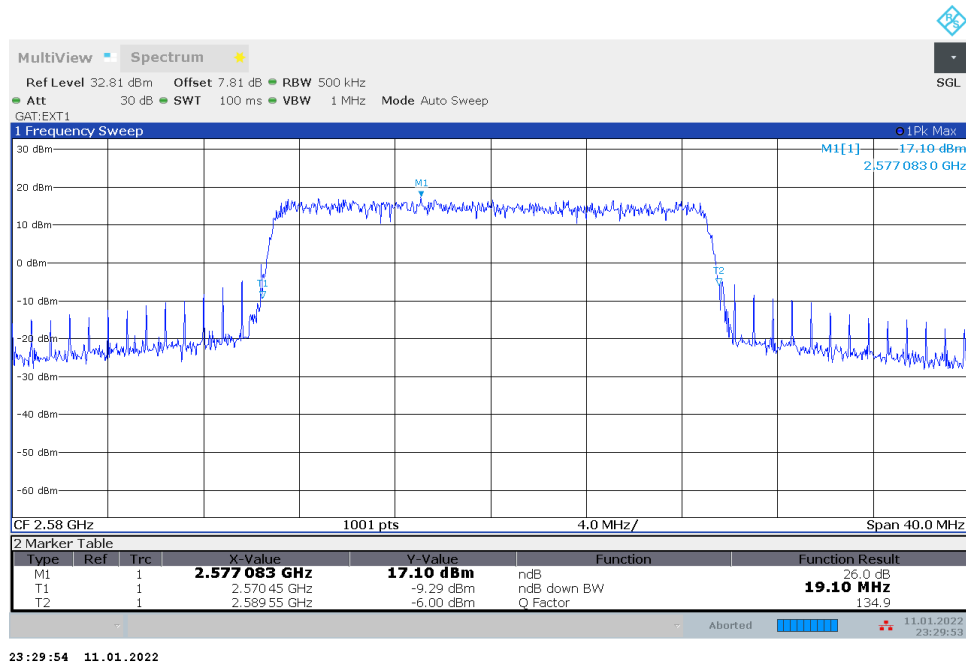
4.2.8 BAND 38_TM1_15MHZ_HCH_RB75#0



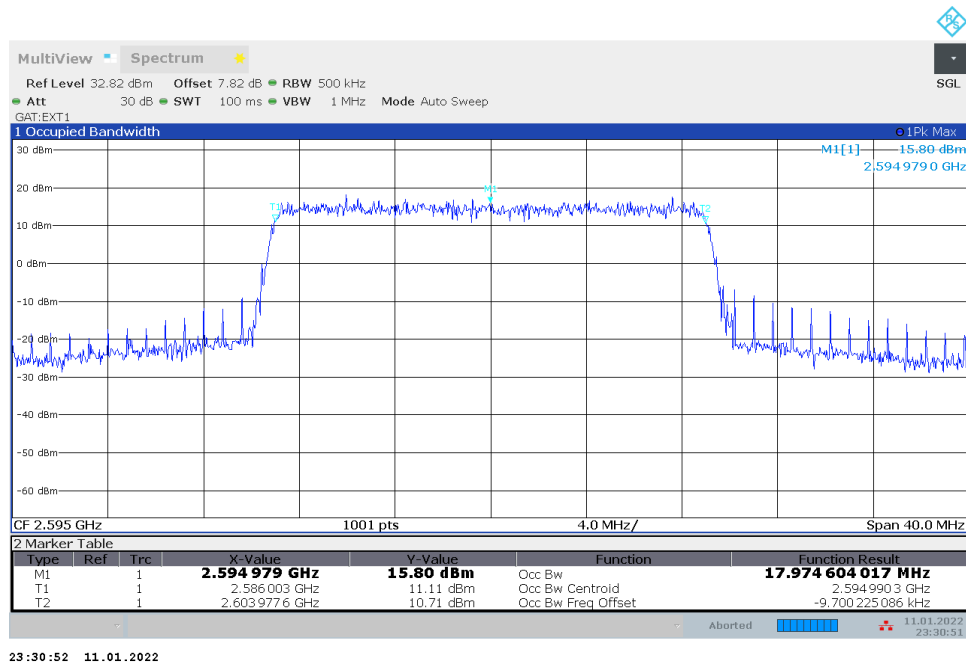
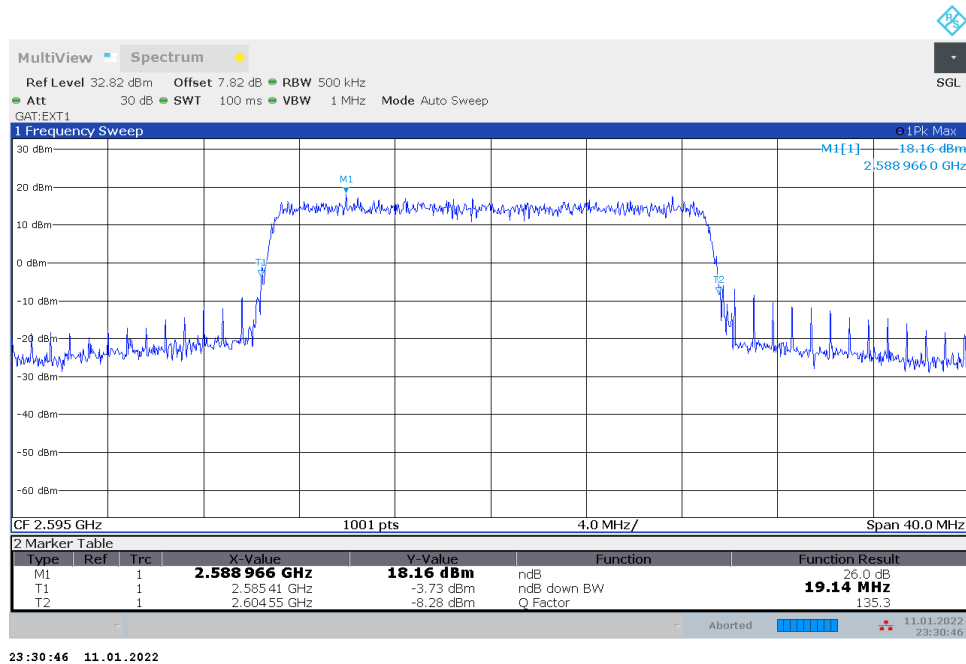
4.2.9 BAND 38_TM1_15MHZ_MCH_RB75#0



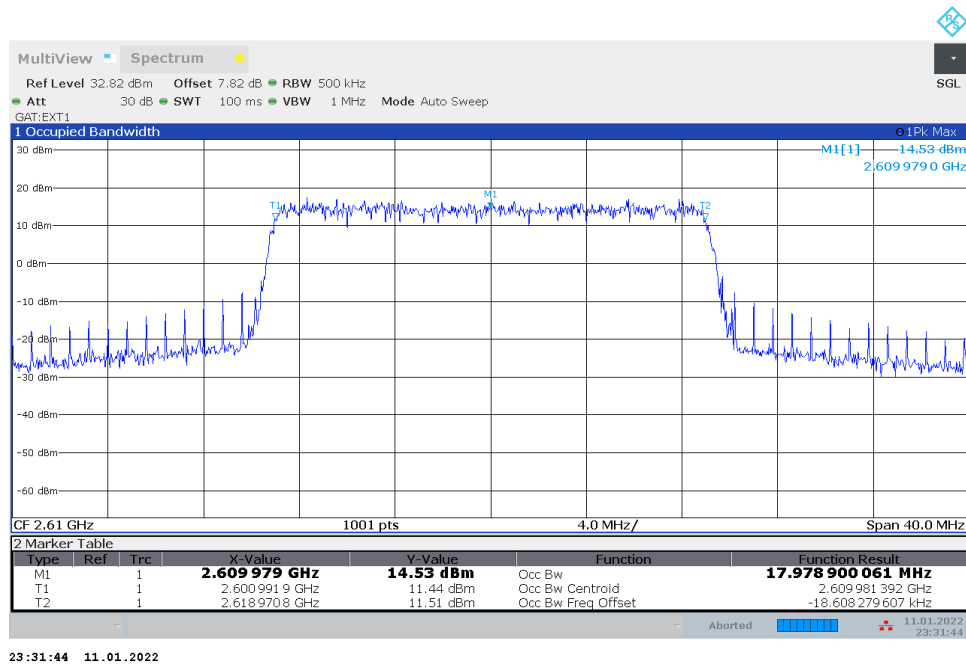
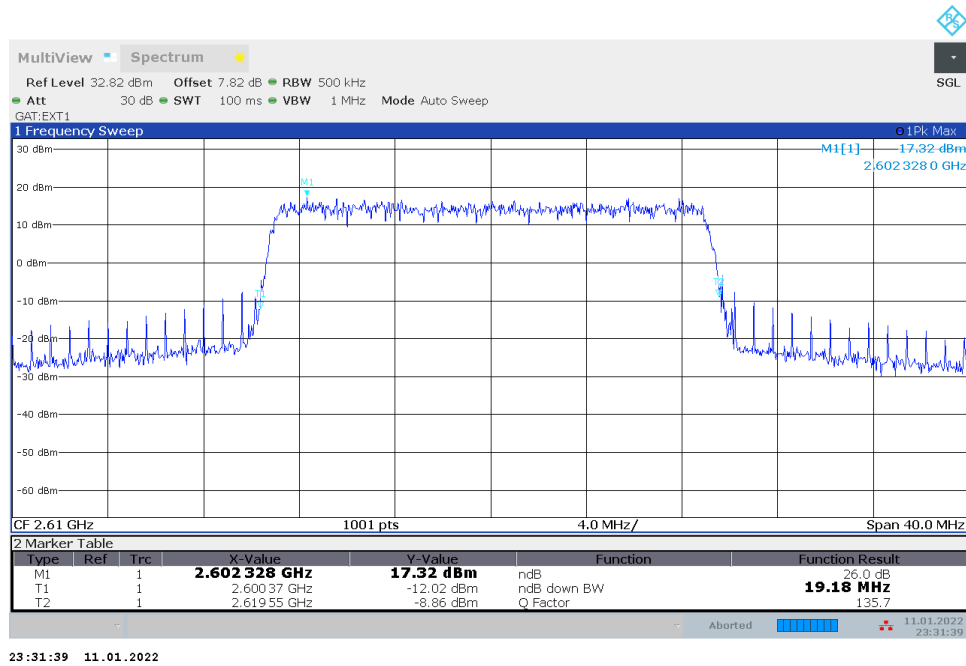
4.2.10 BAND 38_TM1_20MHZ_LCH_RB100#0



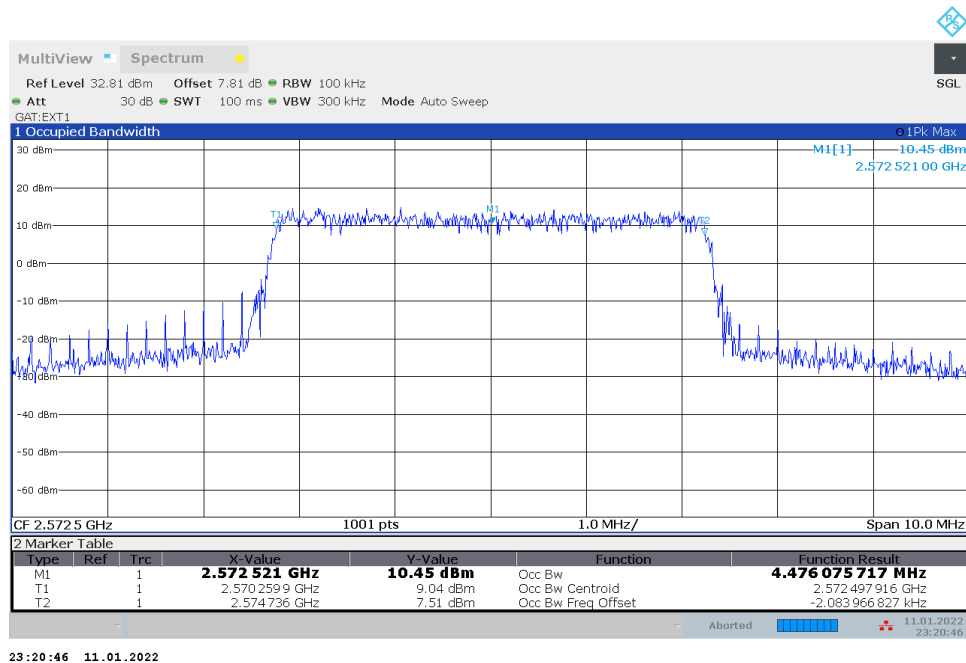
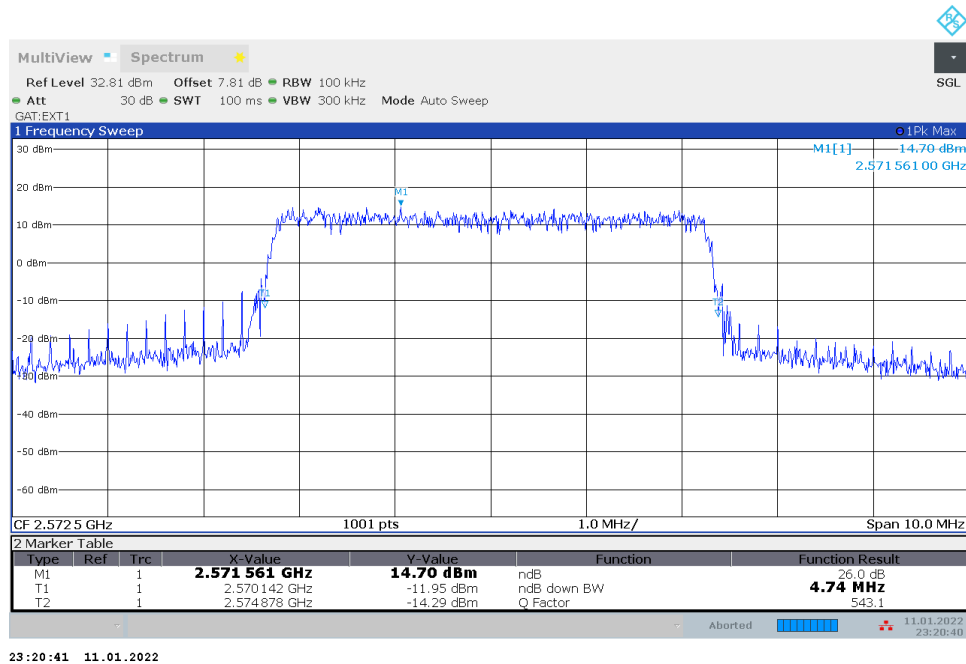
4.2.11 BAND 38_TM1_20MHZ_HCH_RB100#0



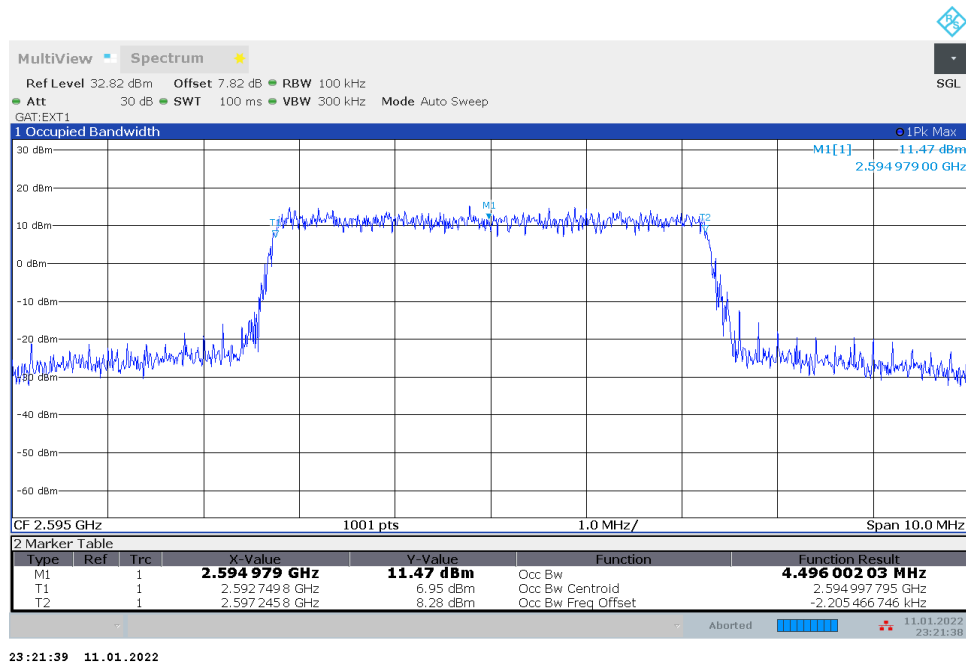
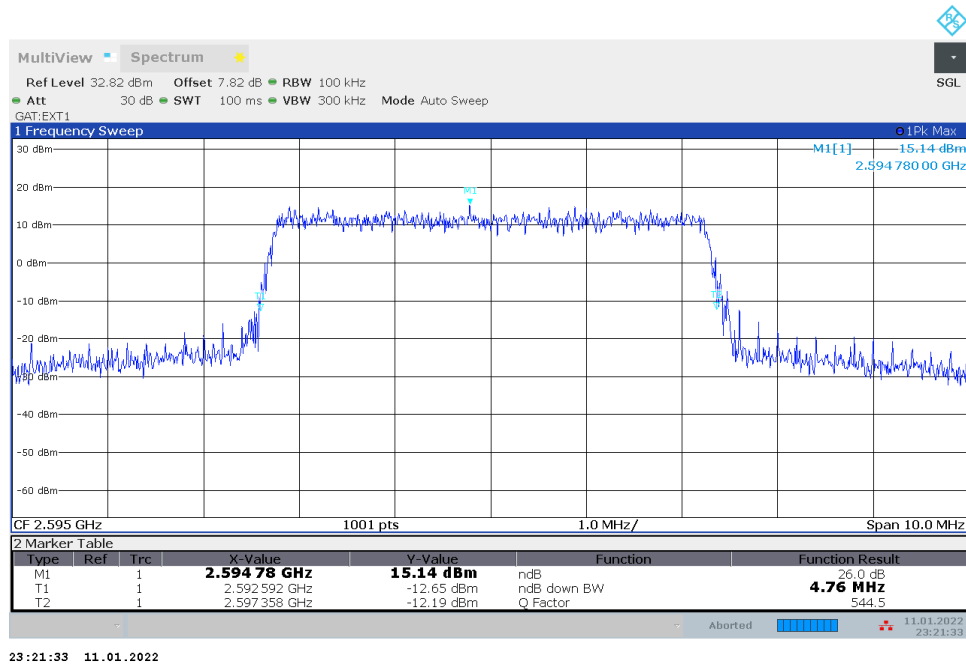
4.2.12 BAND 38_TM1_20MHZ_MCH_RB100#0



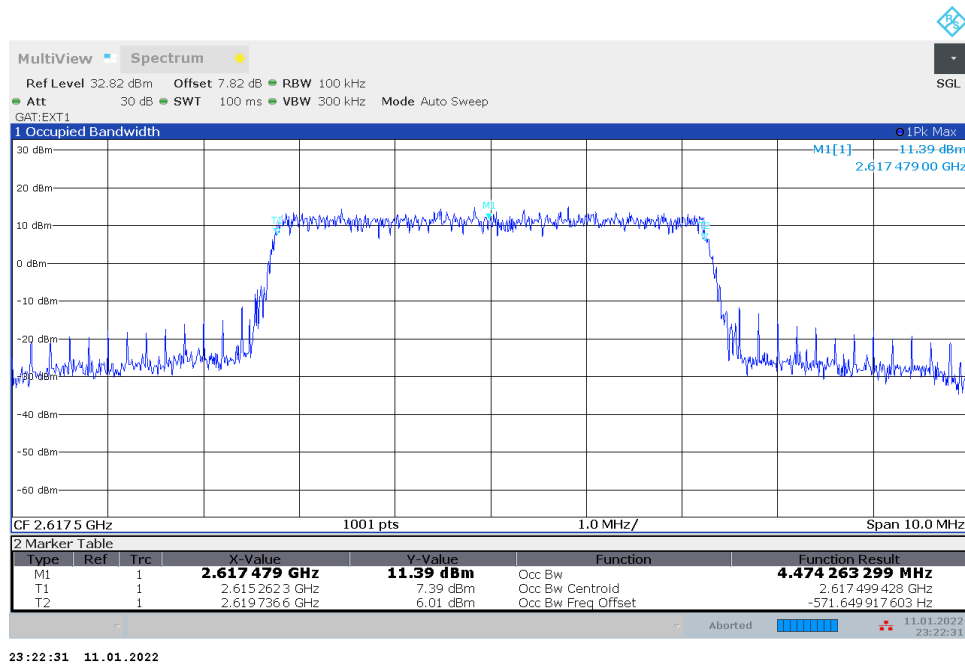
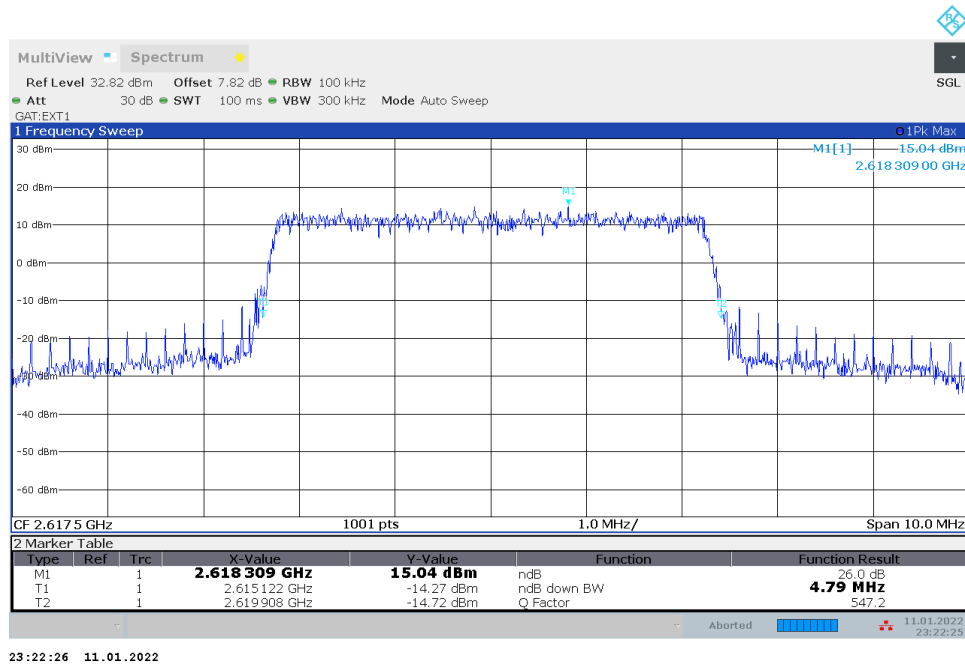
4.2.13 BAND 38_TM2_5MHZ_LCH_RB25#0



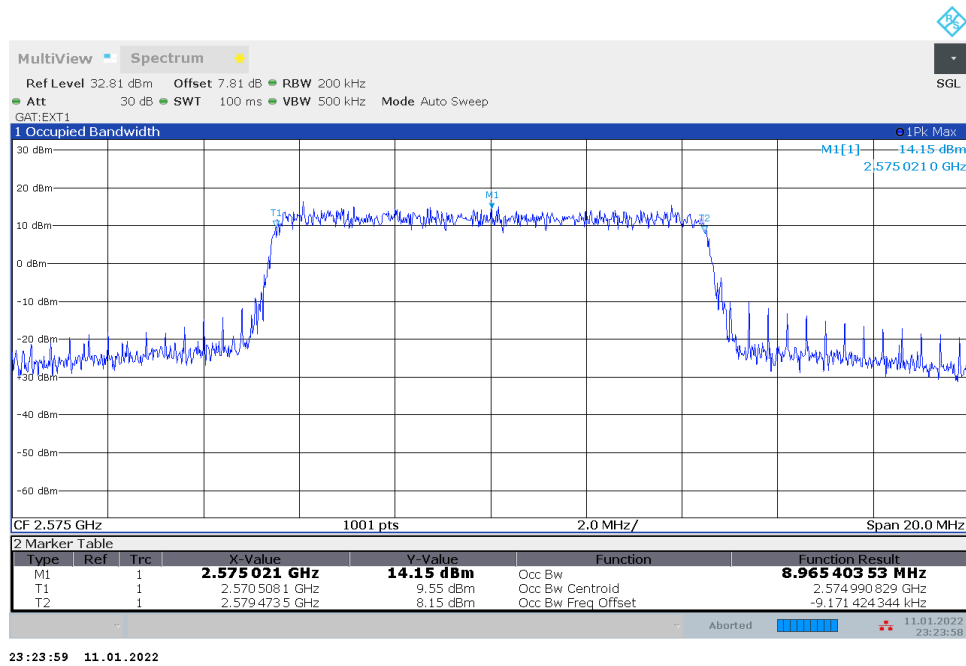
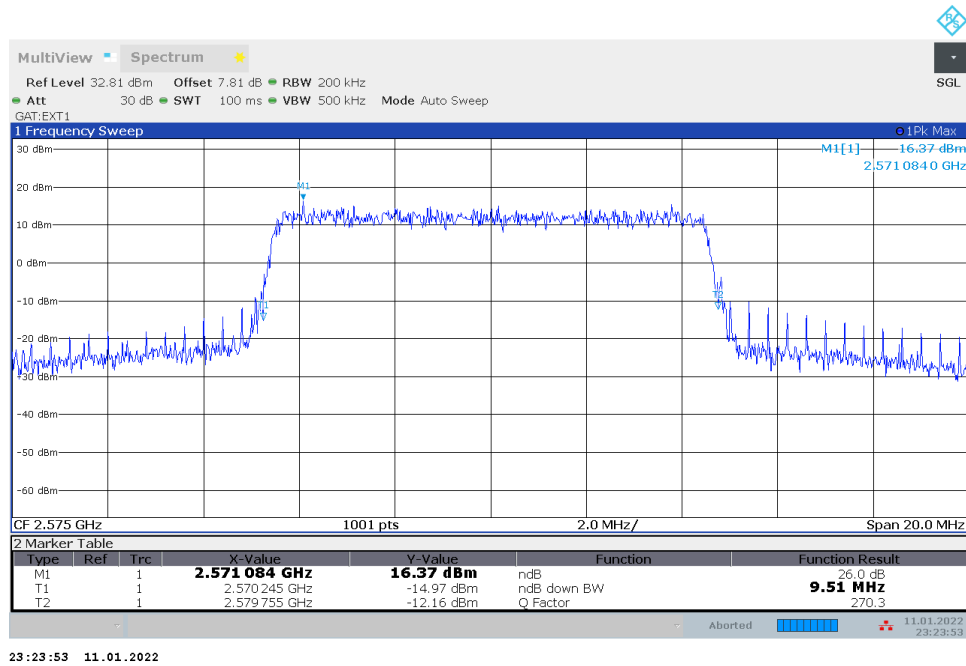
4.2.14 BAND 38_TM2_5MHZ_HCH_RB25#0



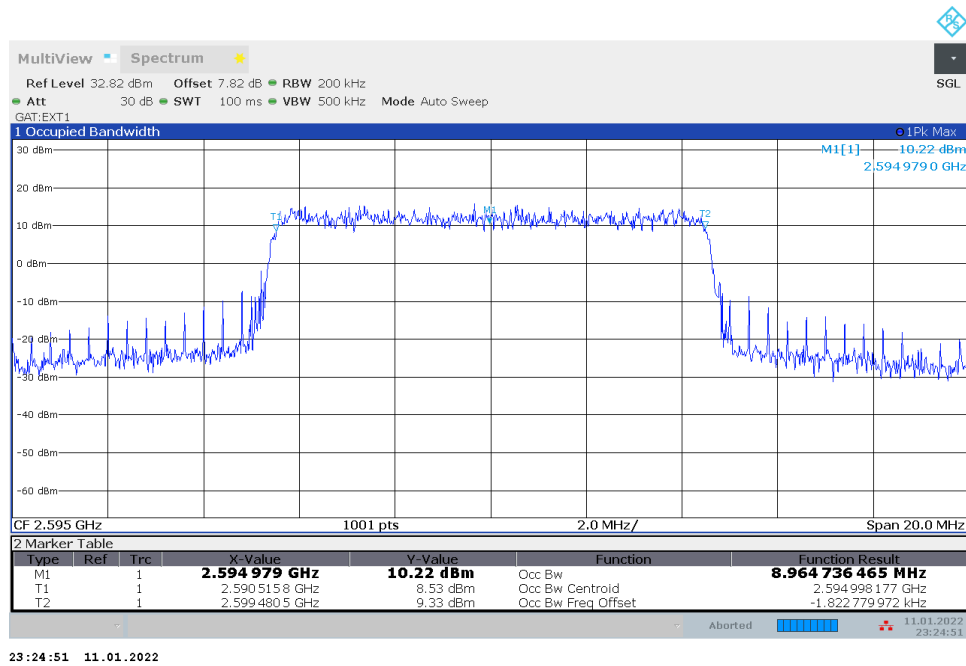
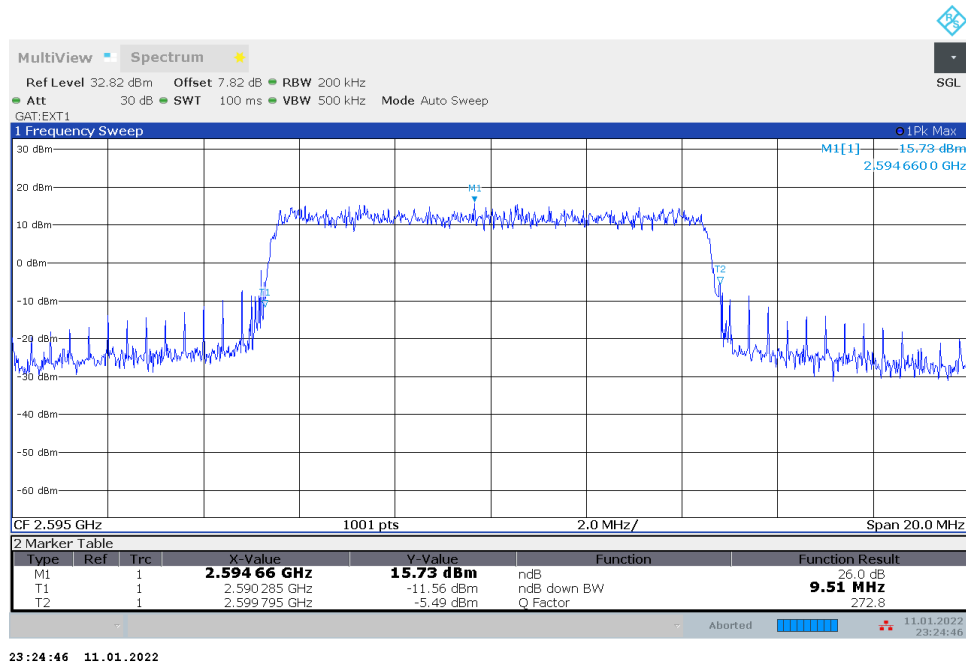
4.2.15 BAND 38_TM2_5MHZ_MCH_RB25#0



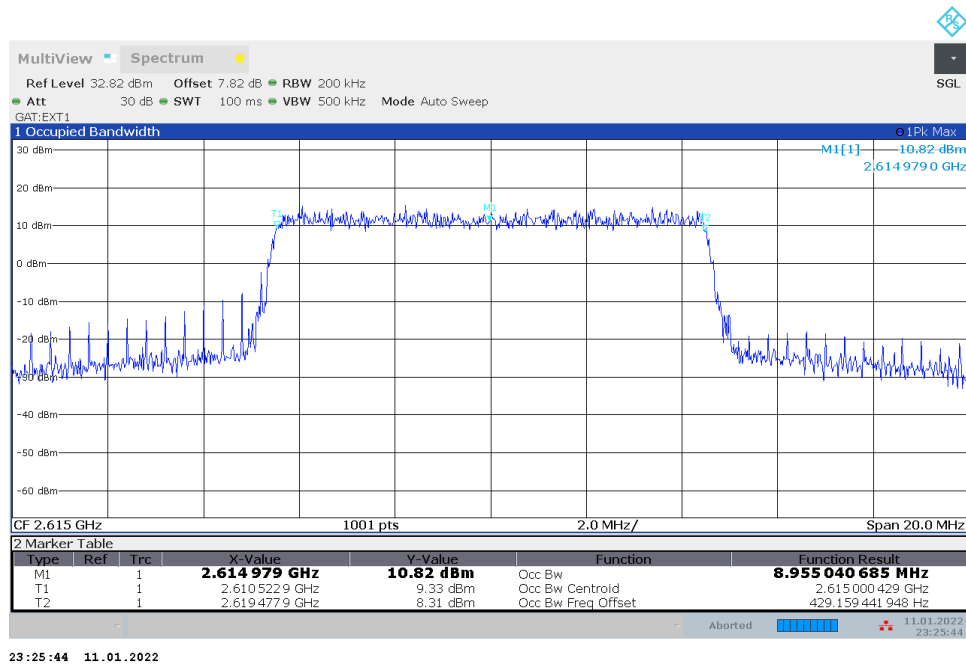
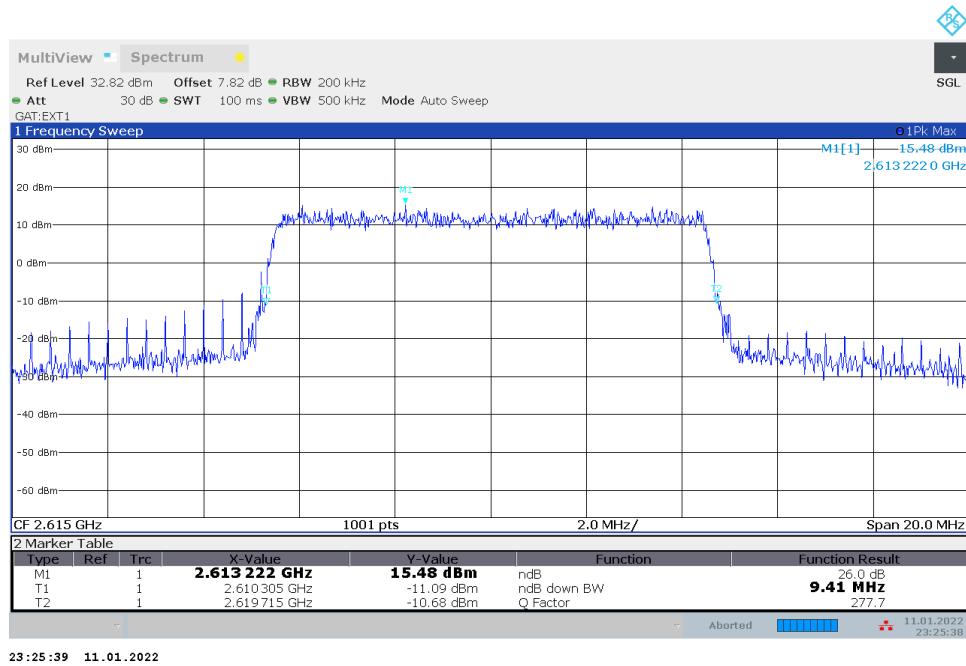
4.2.16 BAND 38_TM2_10MHZ_LCH_RB50#0



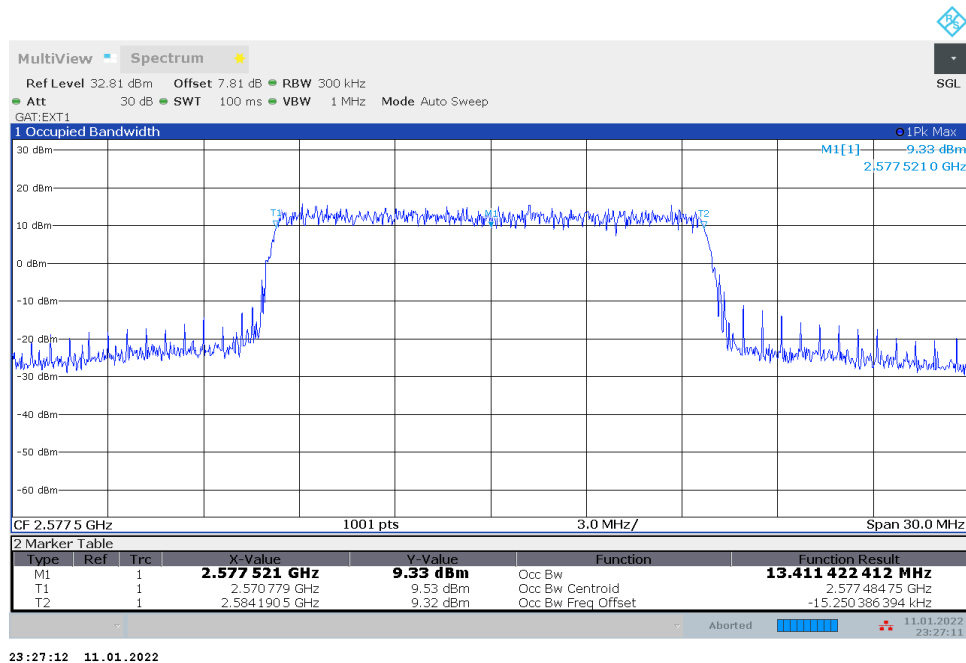
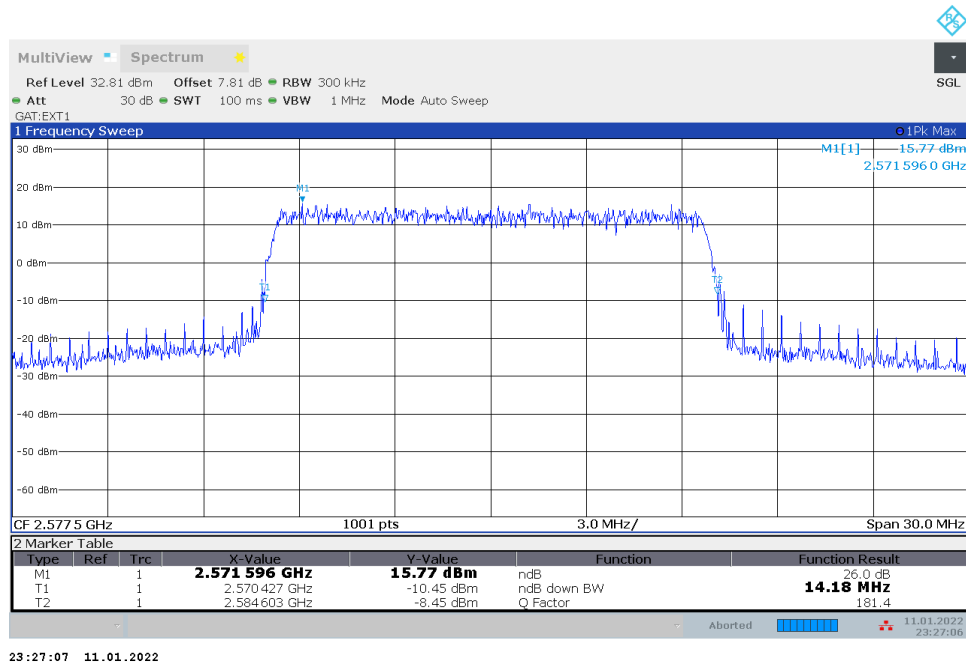
4.2.17 BAND 38_TM2_10MHZ_HCH_RB50#0



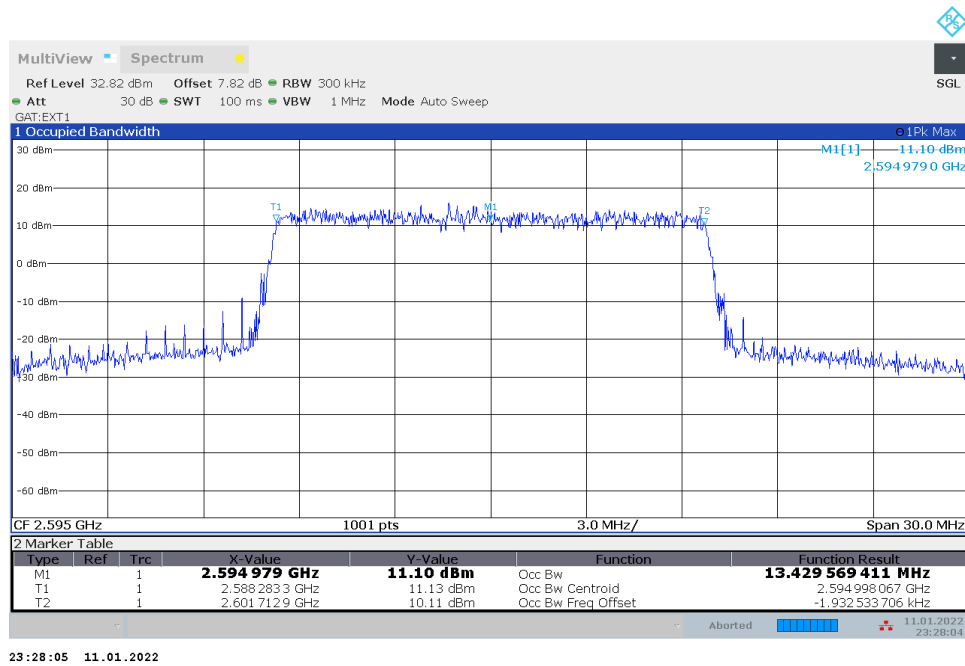
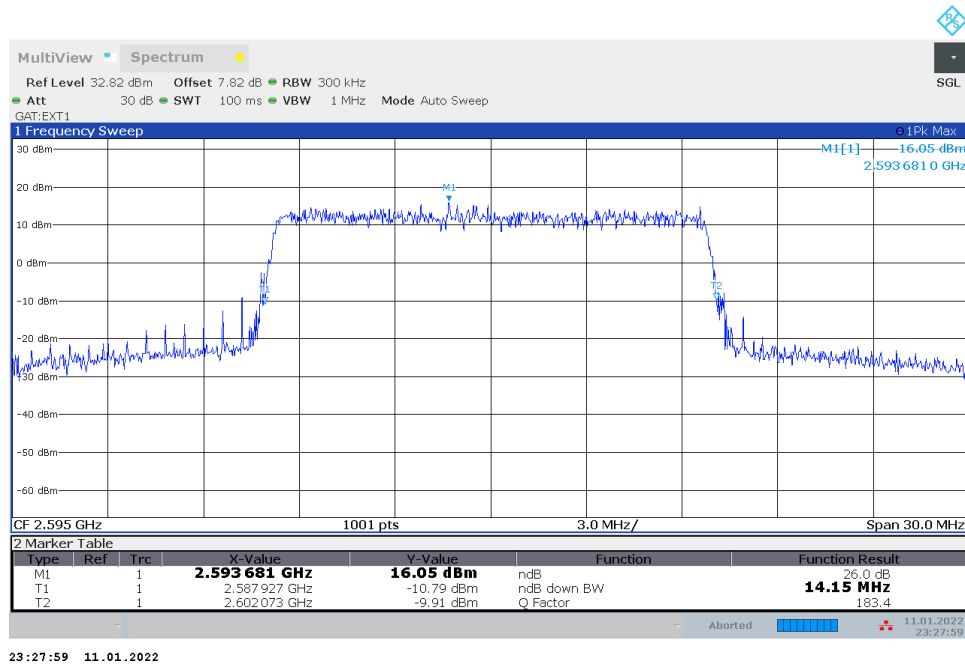
4.2.18 BAND 38_TM2_10MHZ_MCH_RB50#0



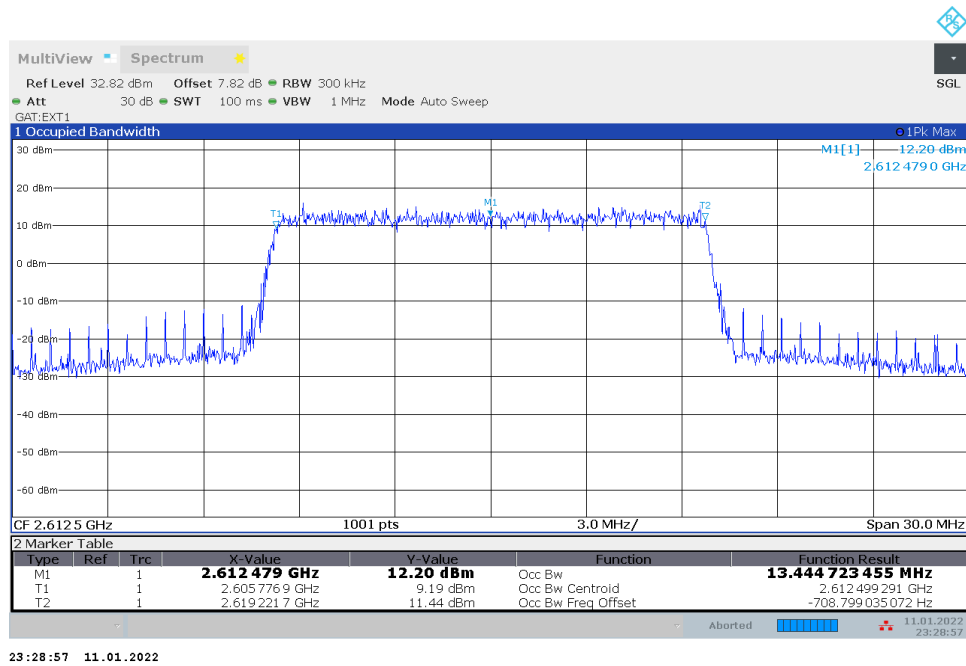
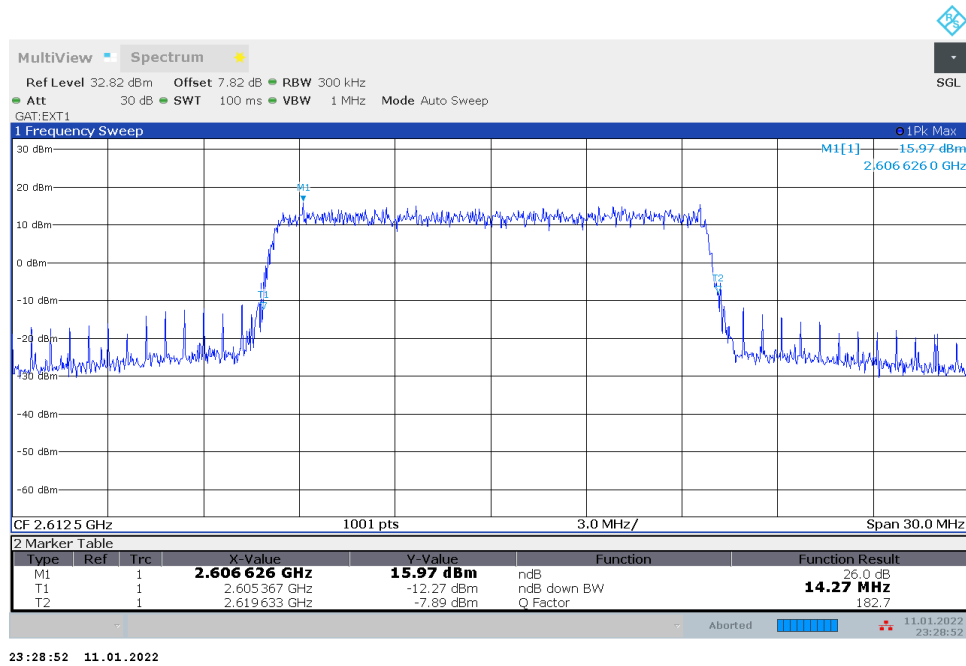
4.2.19 BAND 38_TM2_15MHZ_LCH_RB75#0



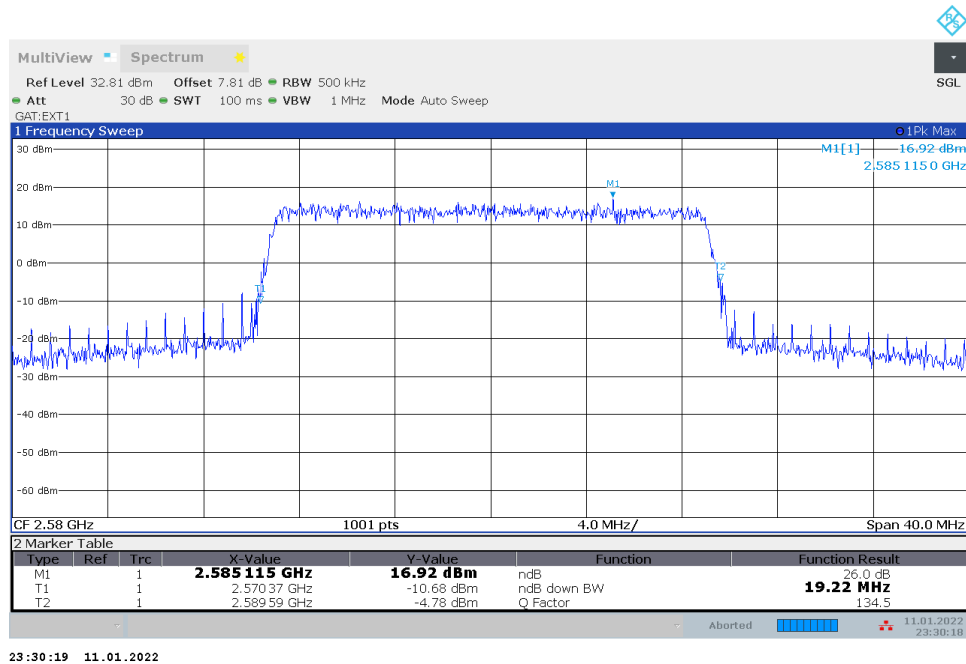
4.2.20 BAND 38_TM2_15MHZ_HCH_RB75#0



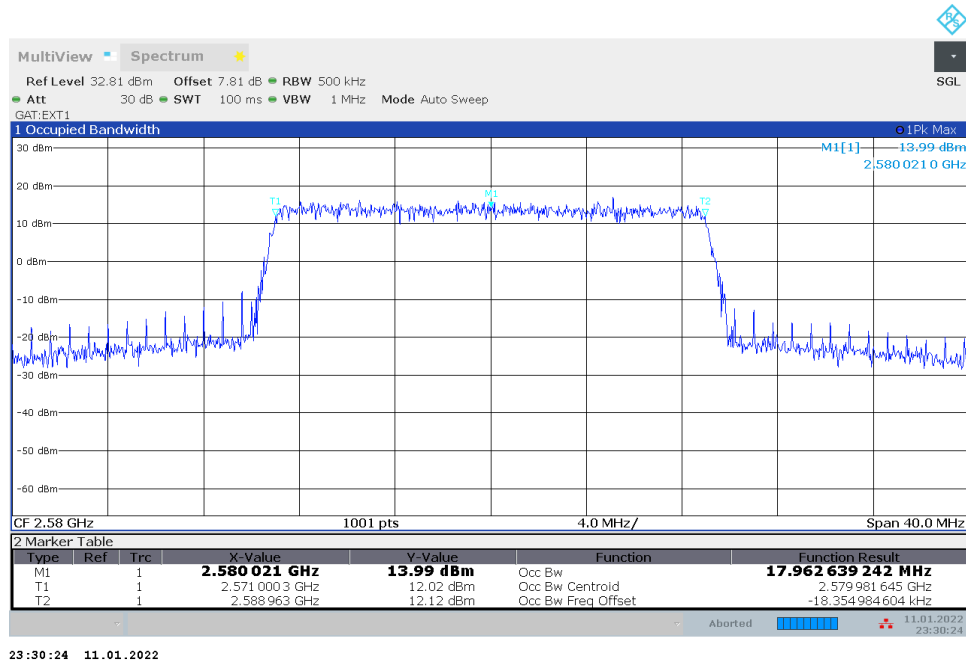
4.2.21 BAND 38_TM2_15MHZ_MCH_RB75#0



4.2.22 BAND 38_TM2_20MHZ_LCH_RB100#0

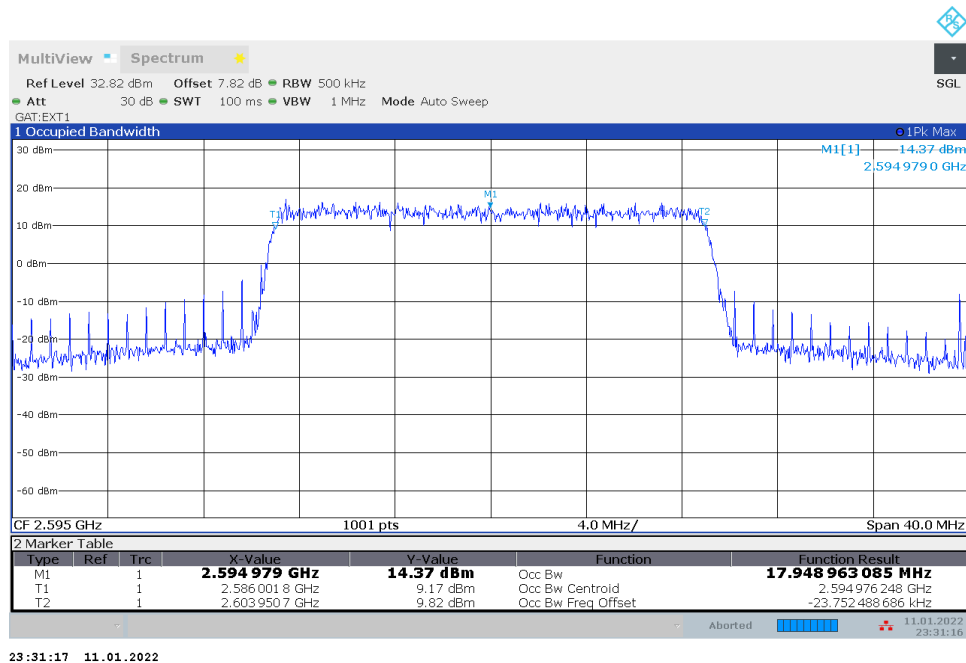
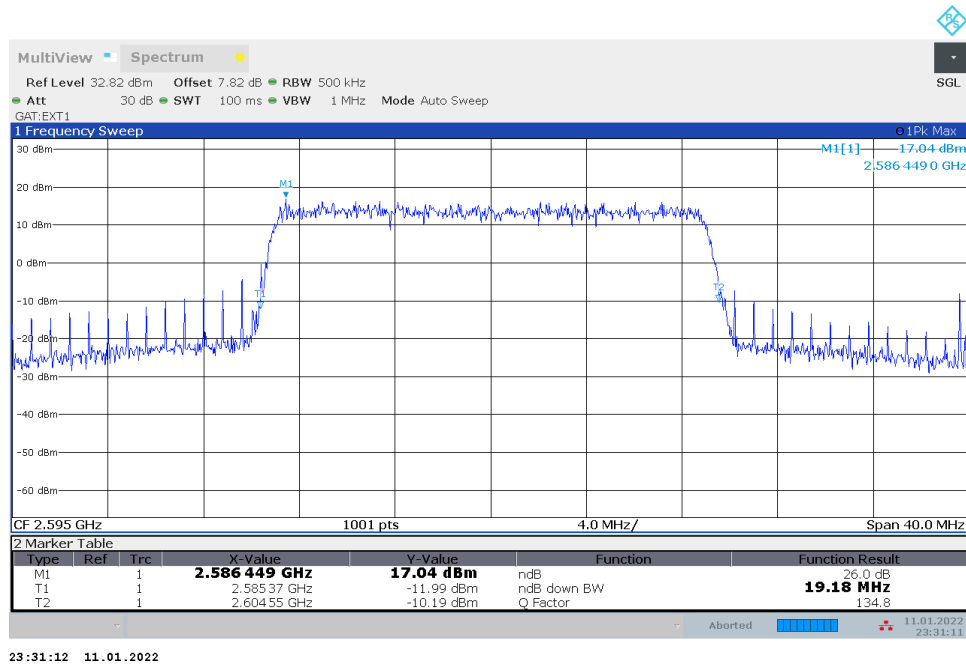


23:30:19 11.01.2022

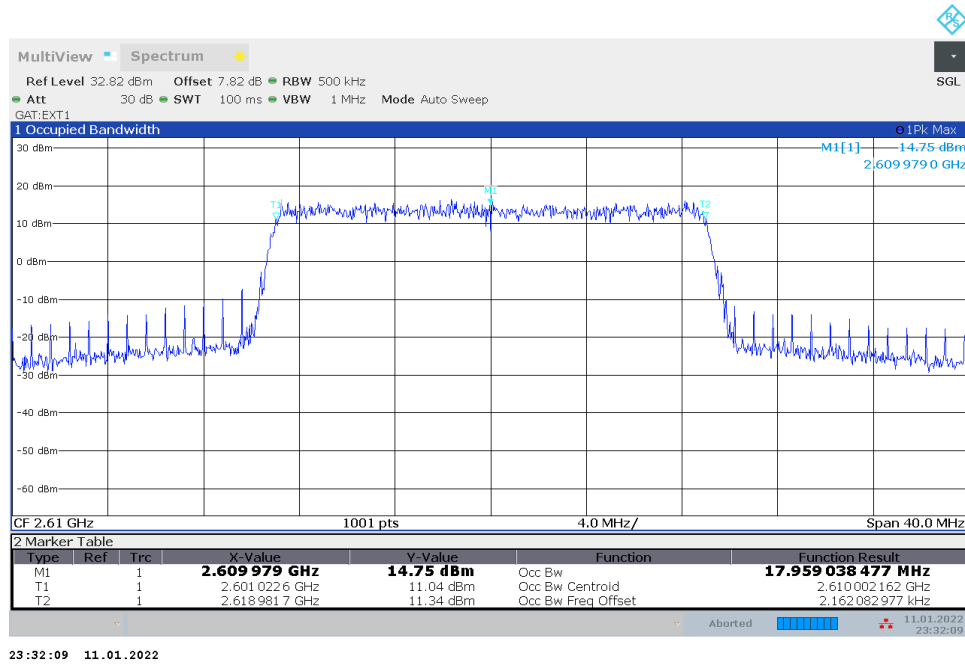
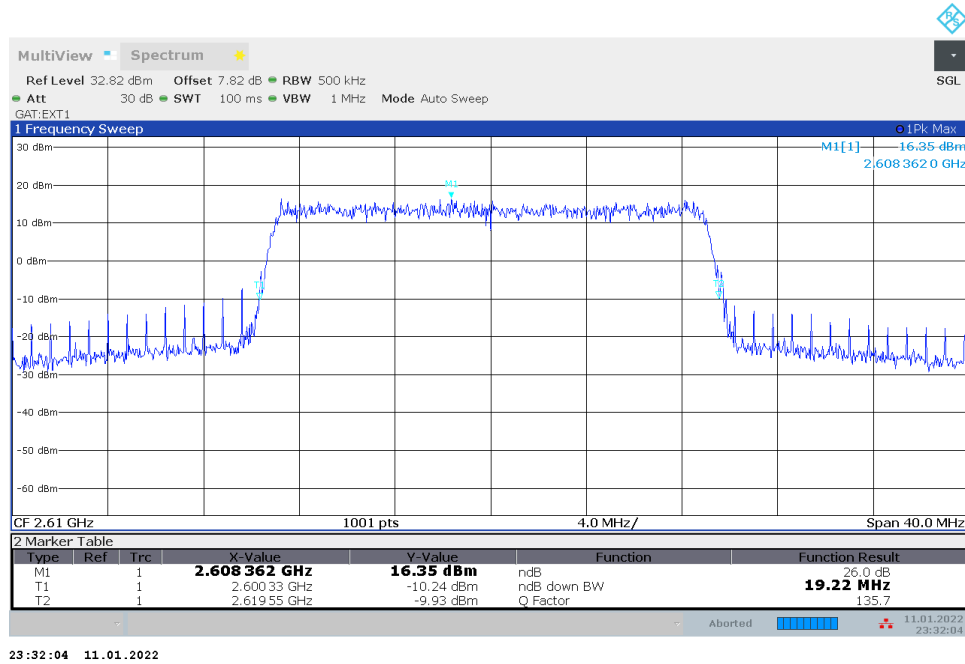


23:30:24 11.01.2022

4.2.23 BAND 38_TM2_20MHZ_HCH_RB100#0



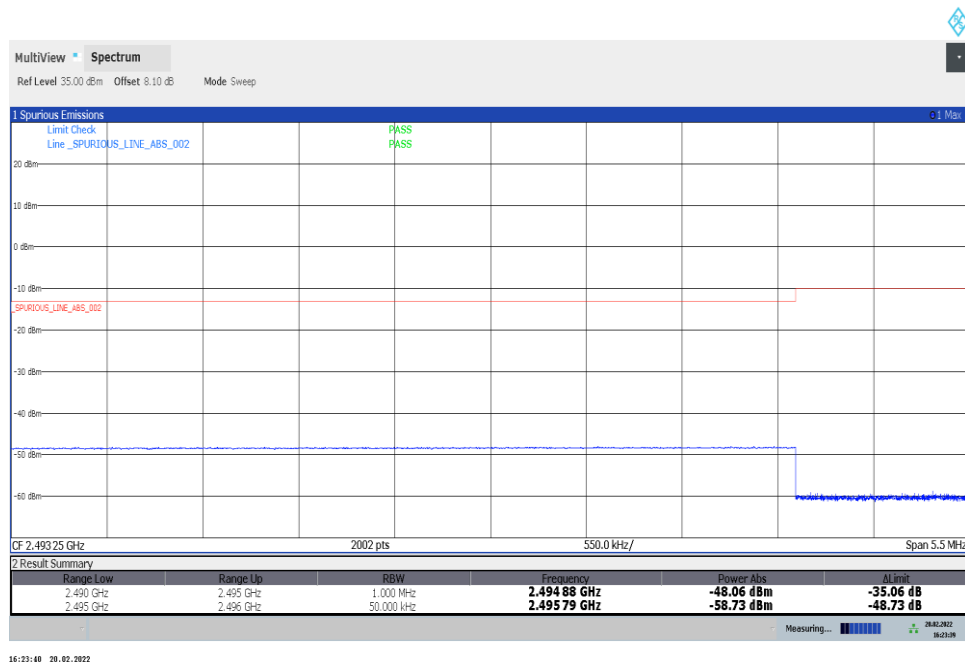
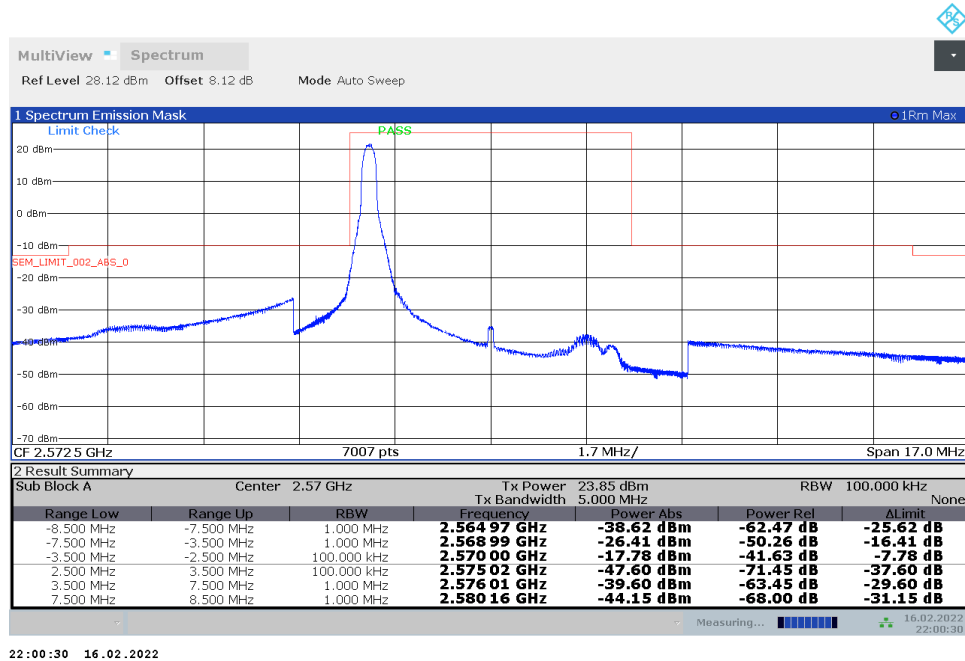
4.2.24 BAND 38_TM2_20MHZ_MCH_RB100#0



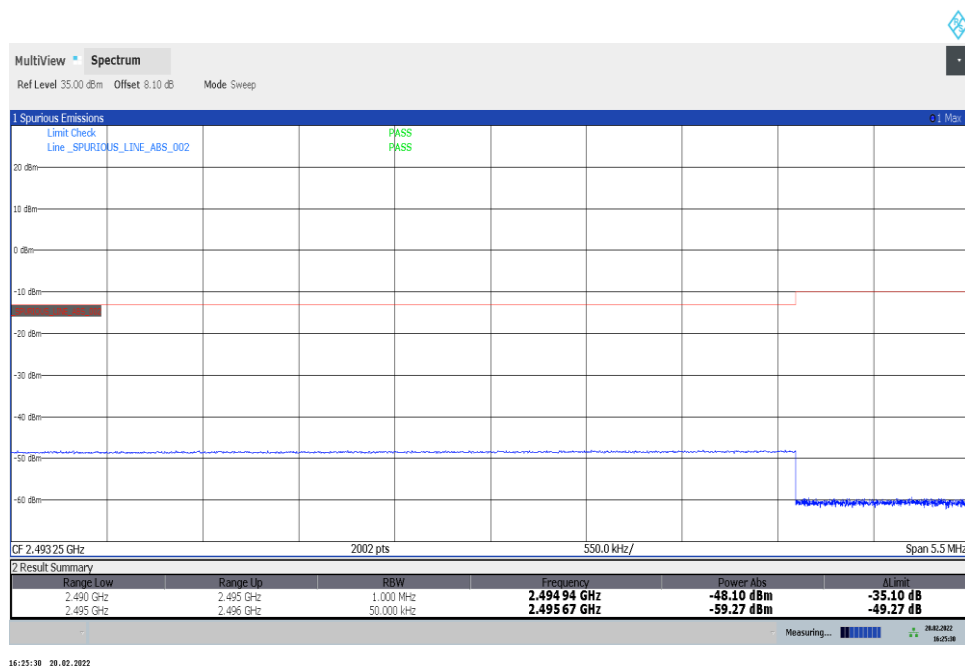
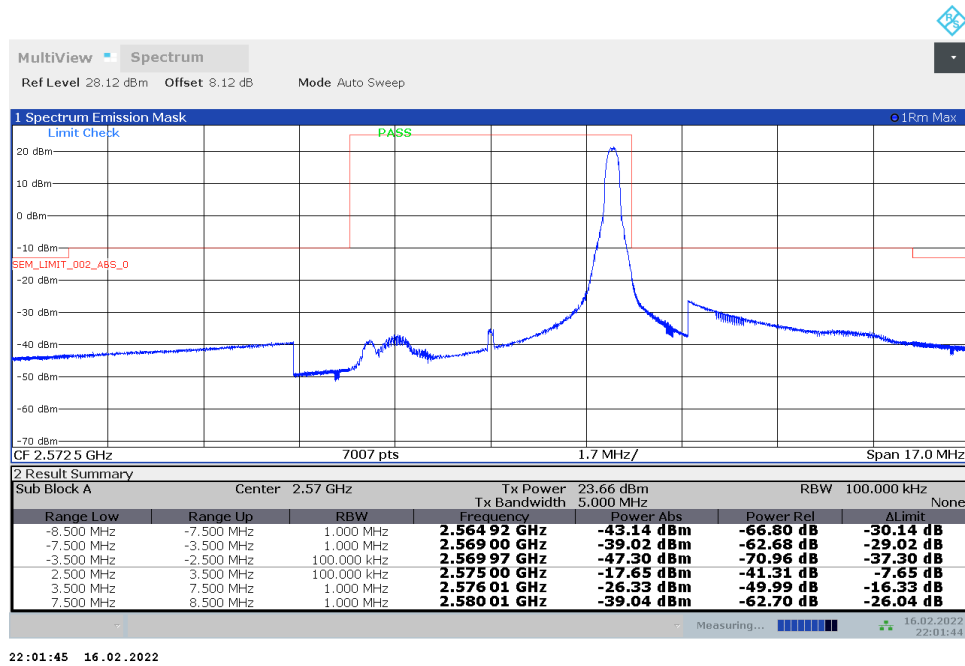
5. APPENDIX E - BAND EDGES COMPLIANCE

5.1 TEST PLOTS

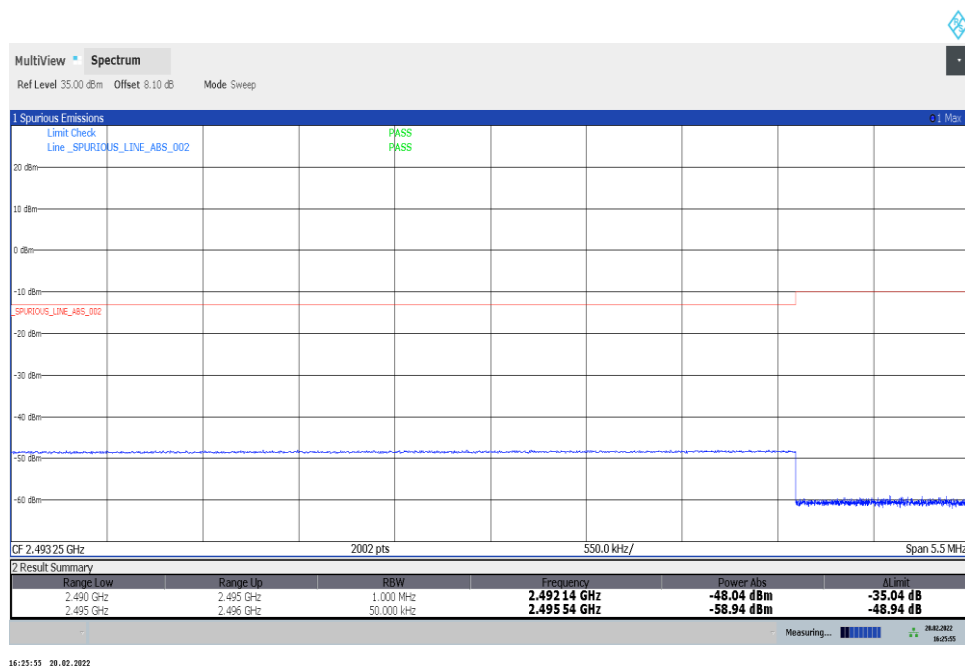
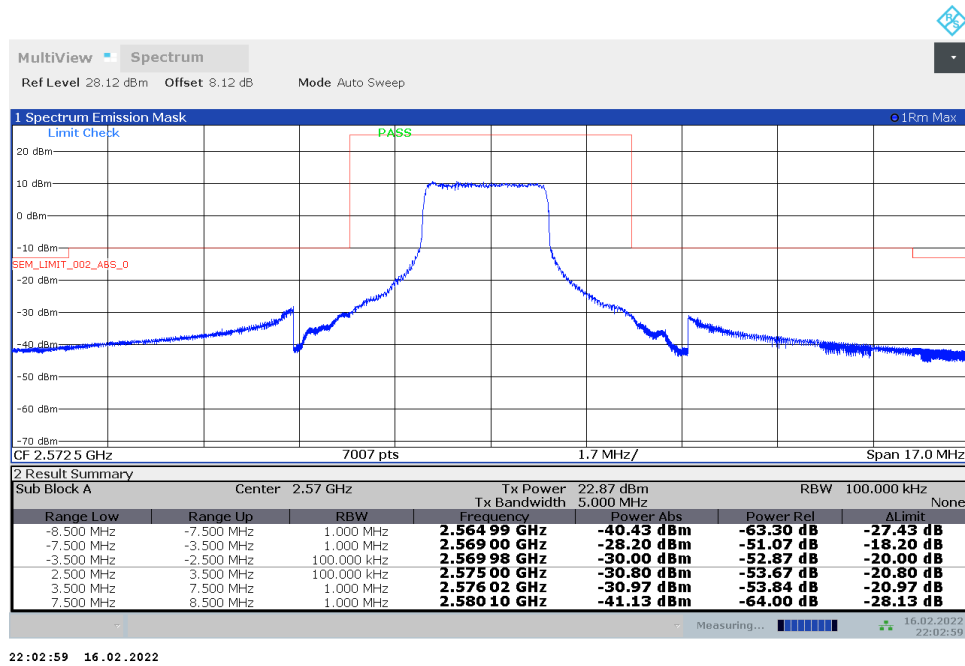
5.1.1 BAND 38_TM1_5MHZ_LCH_RB1#0



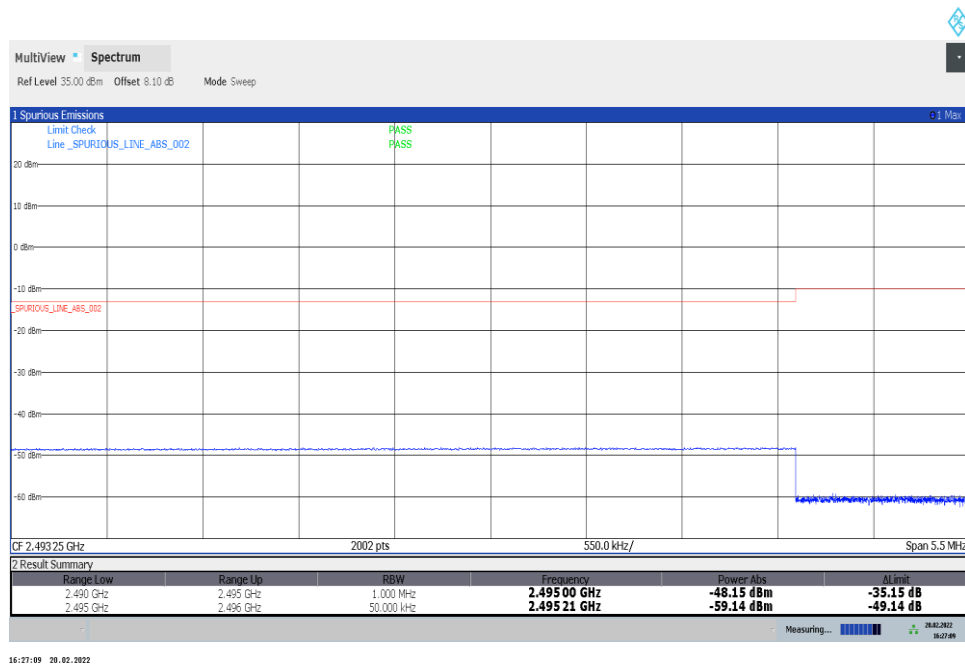
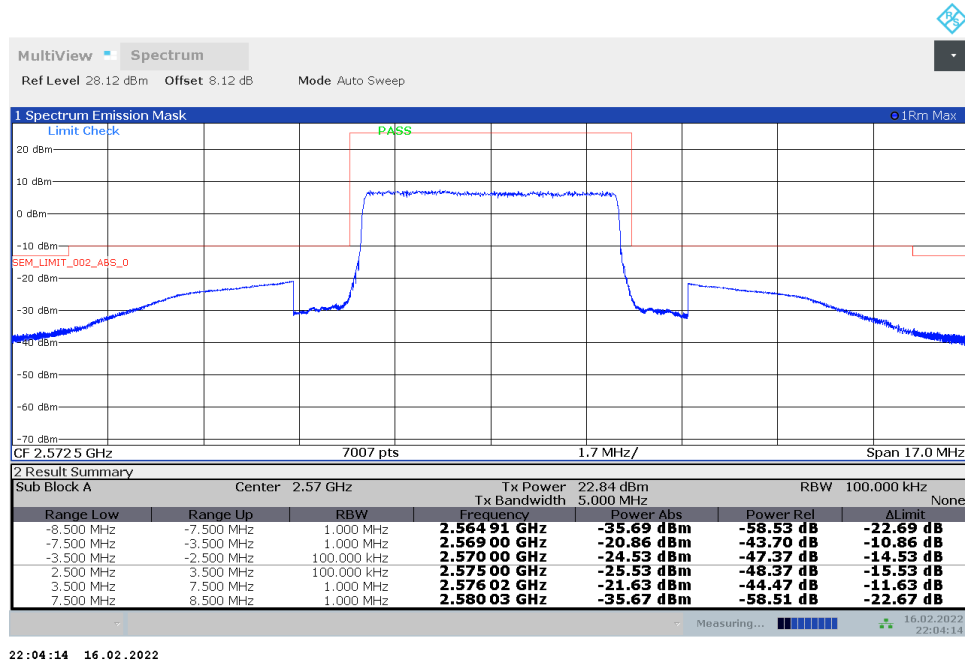
5.1.2 BAND 38_TM1_5MHZ_LCH_RB1#24



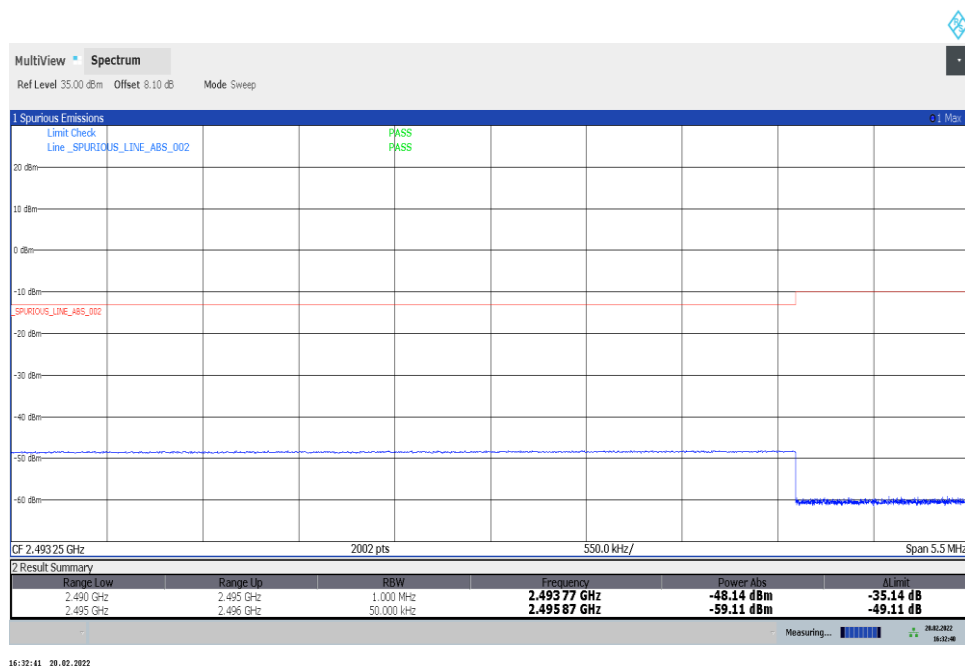
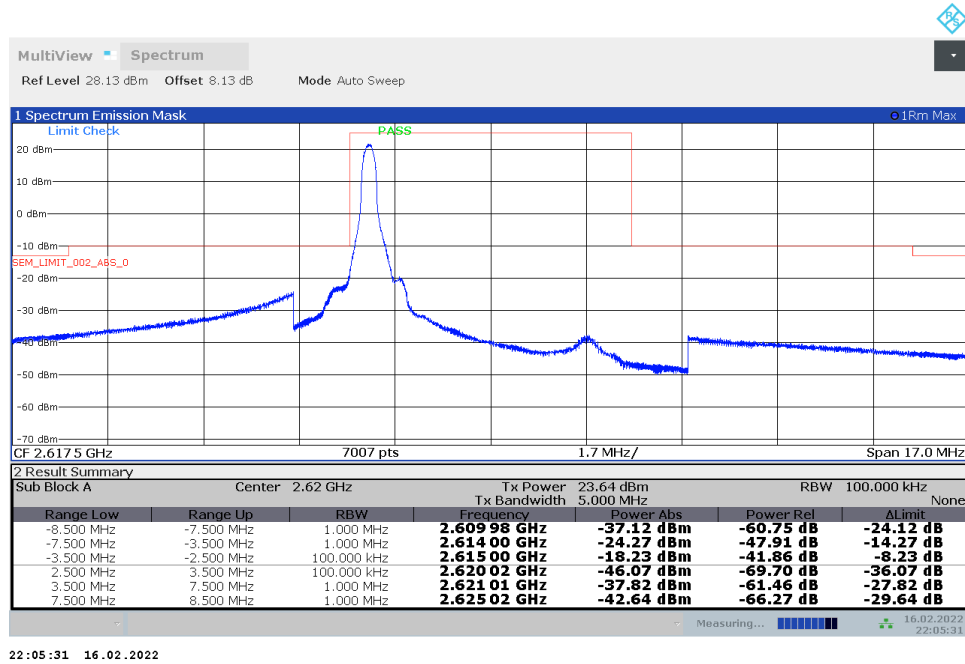
5.1.3 BAND 38_TM1_5MHZ_LCH_RB12#6



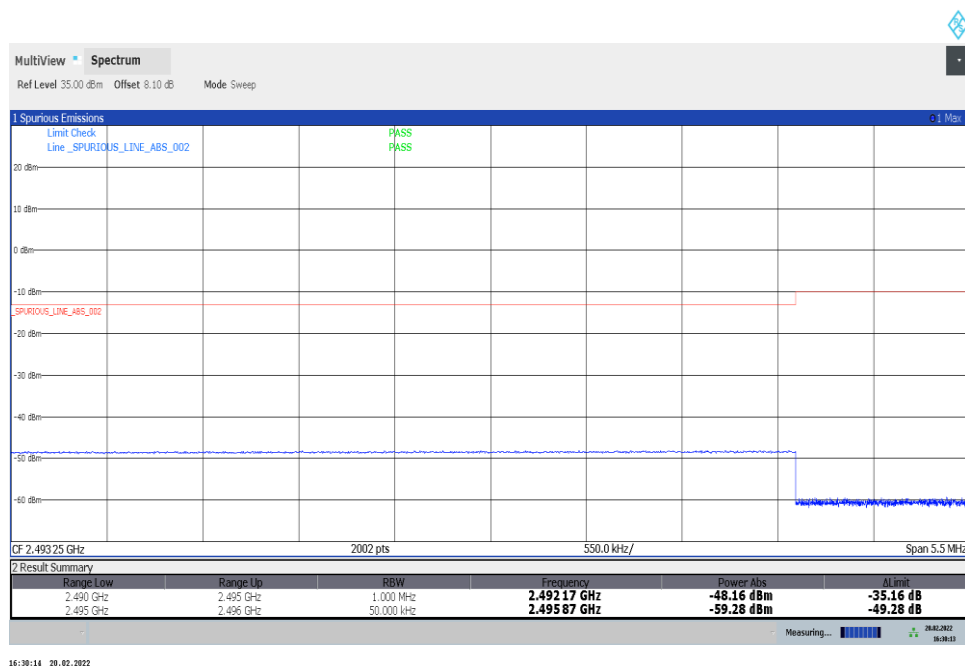
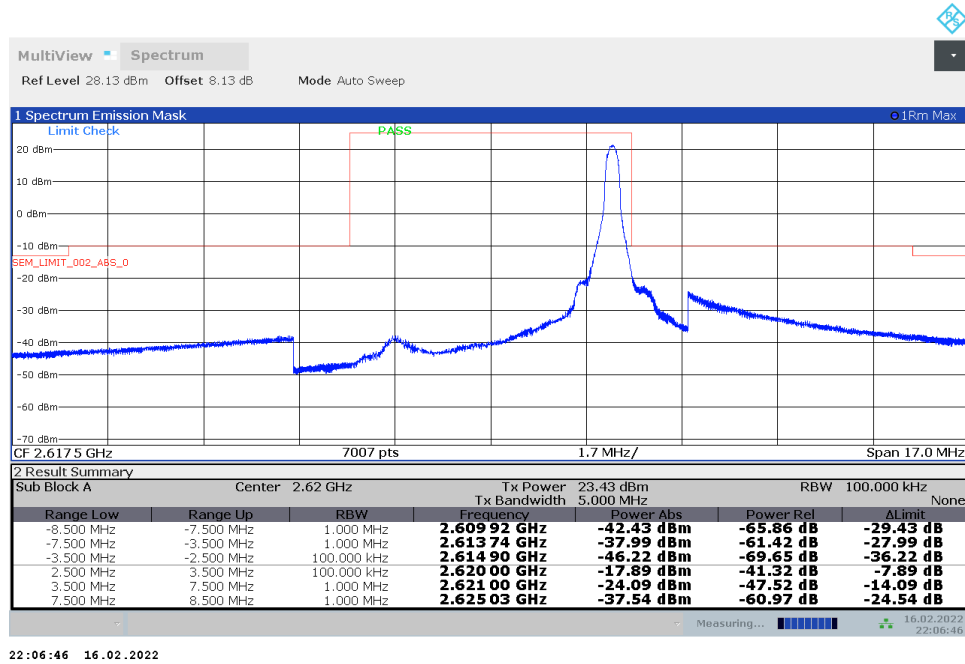
5.1.4 BAND 38_TM1_5MHZ_LCH_RB25#0



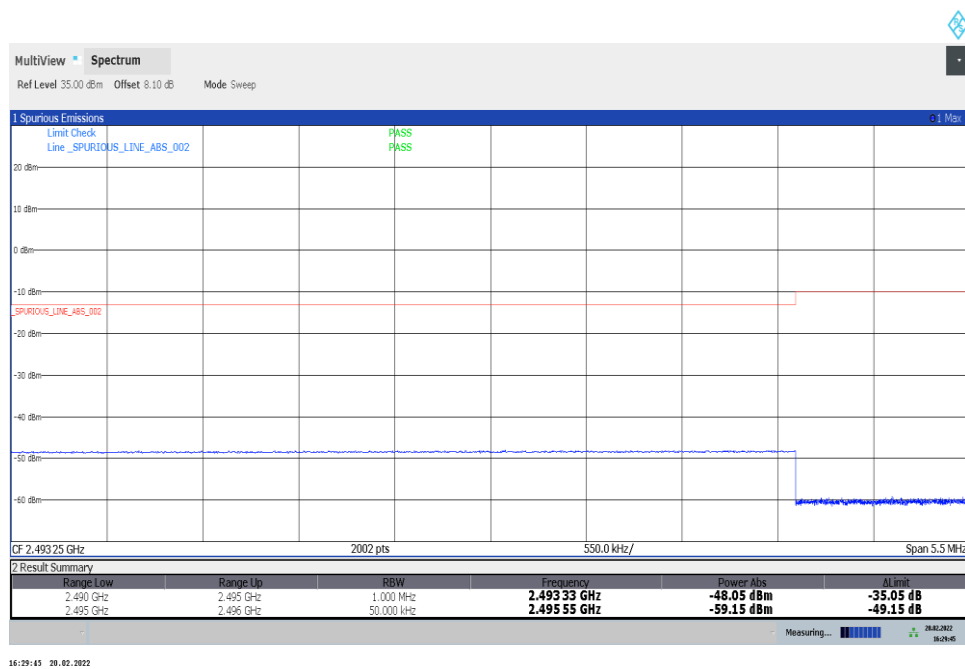
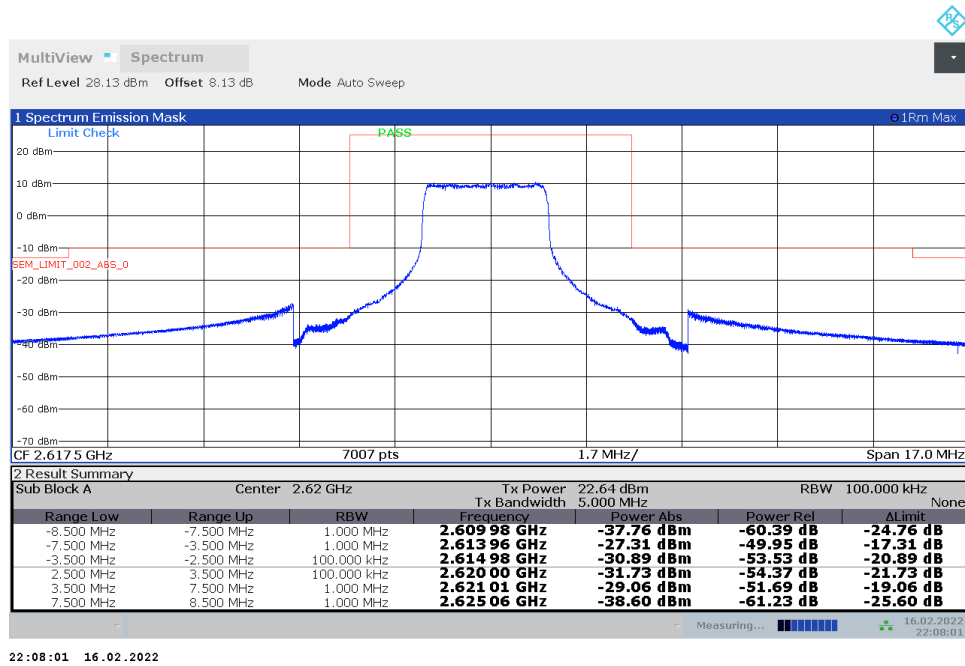
5.1.5 BAND 38_TM1_5MHZ_HCH_RB1#0



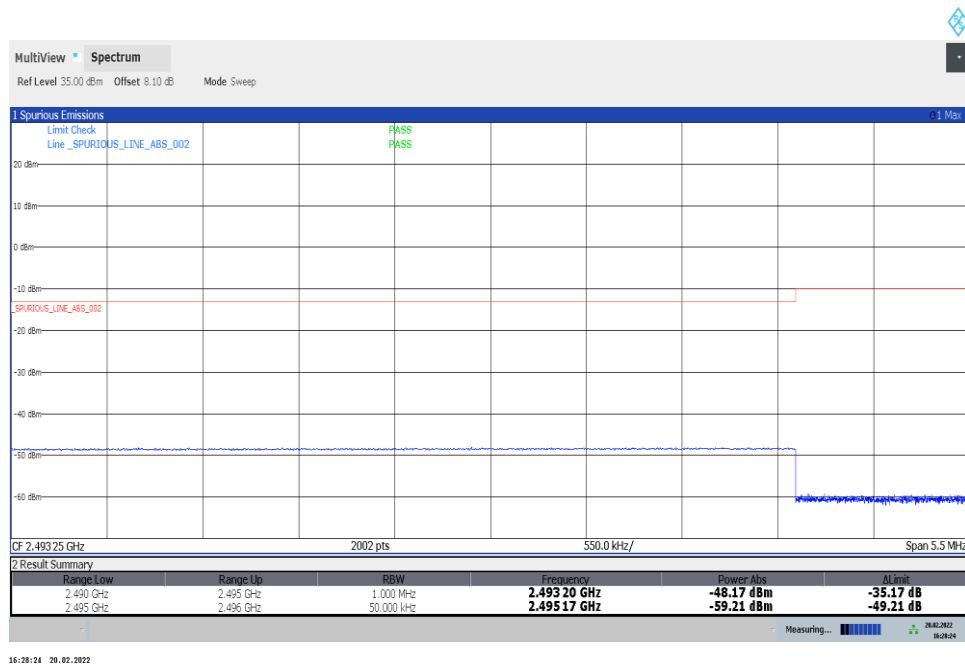
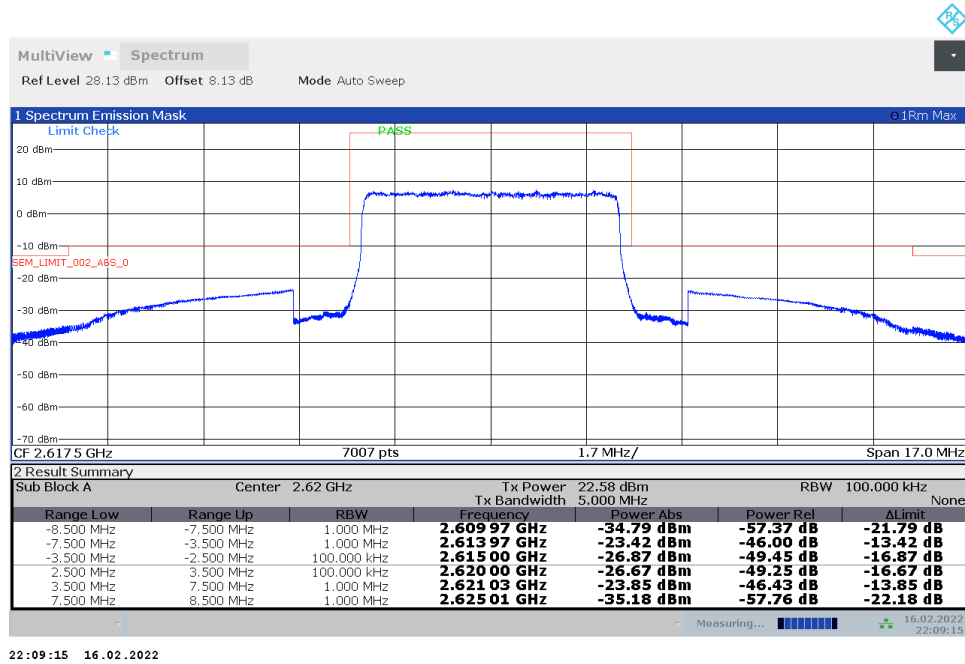
5.1.6 BAND 38_TM1_5MHZ_HCH_RB1#24



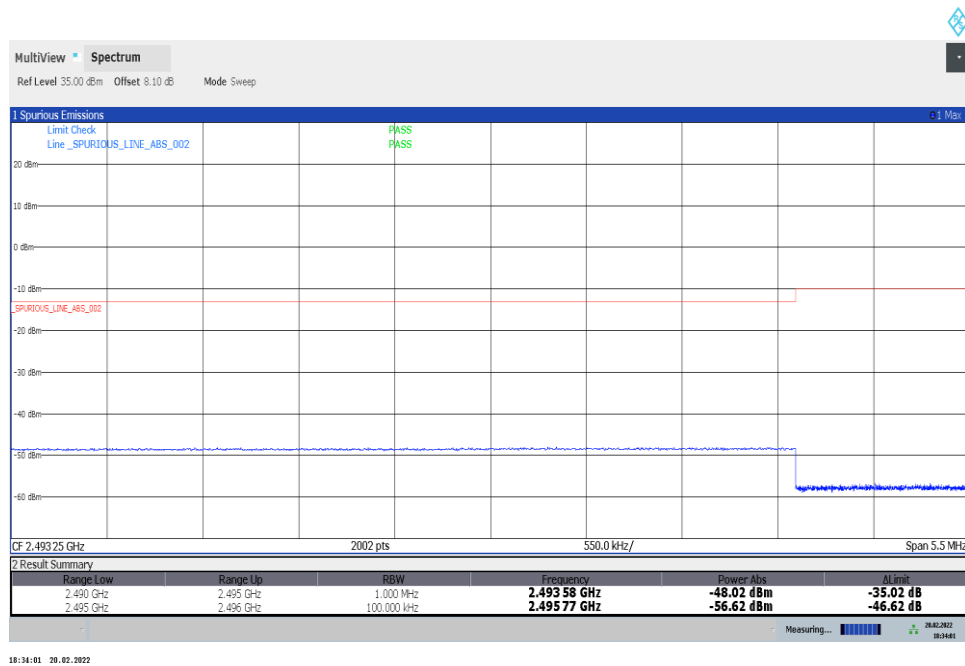
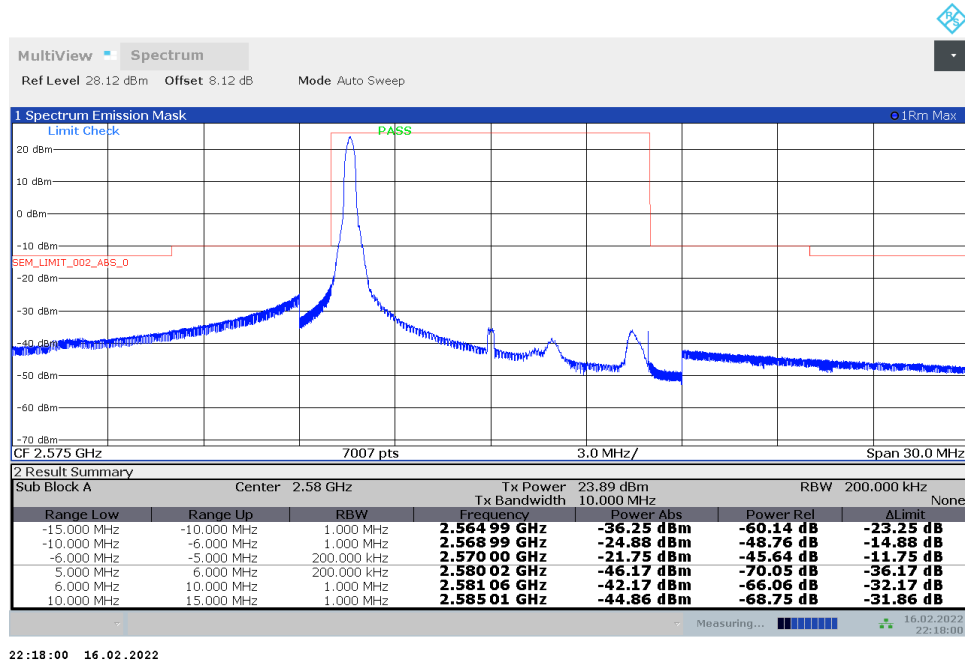
5.1.7 BAND 38_TM1_5MHZ_HCH_RB12#6



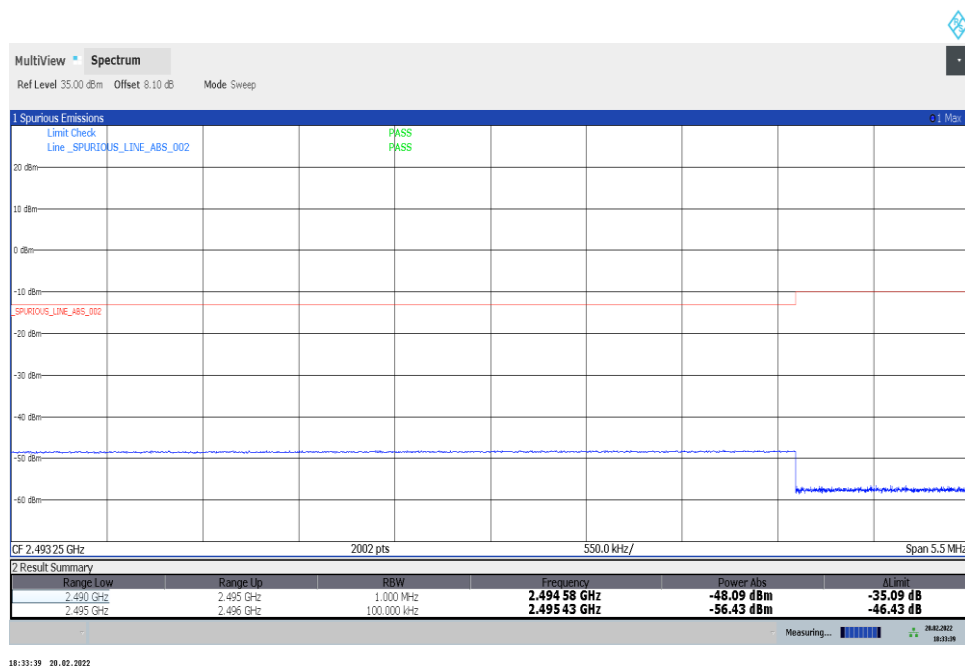
5.1.8 BAND 38_TM1_5MHZ_HCH_RB25#0



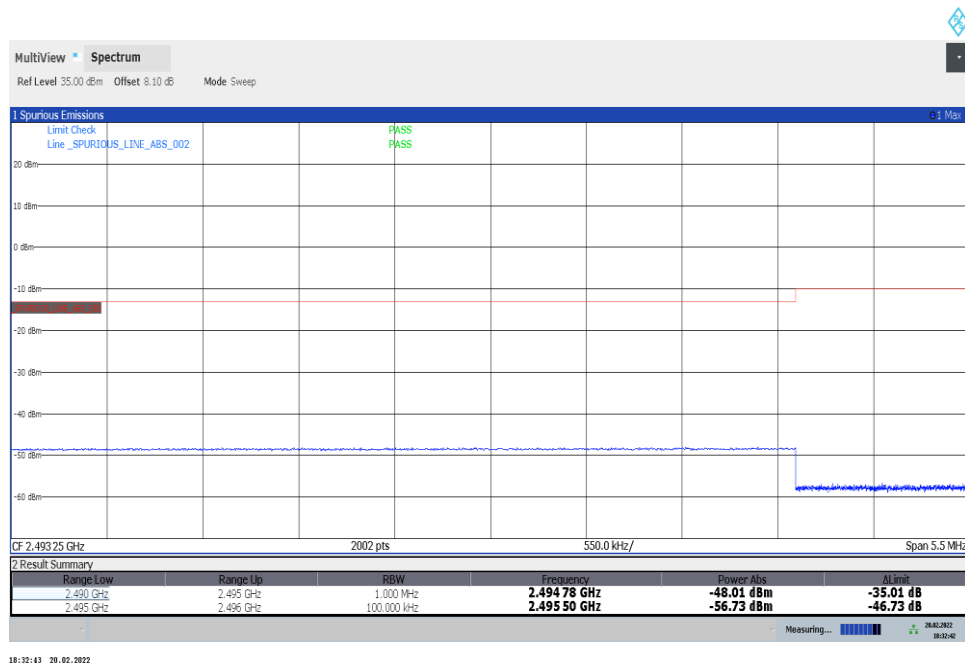
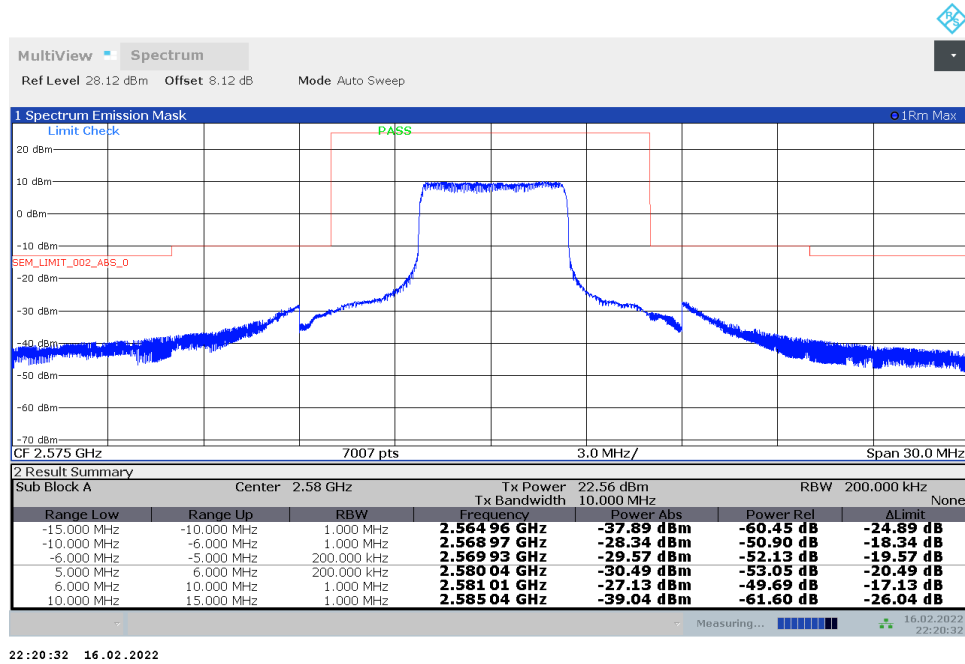
5.1.9 BAND 38_TM1_10MHZ_LCH_RB1#0



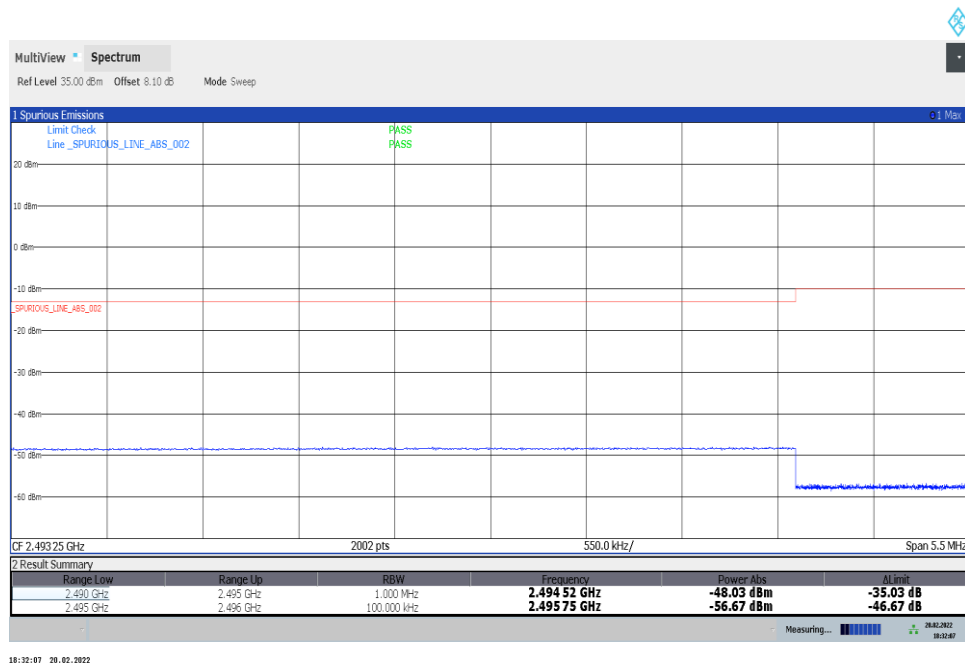
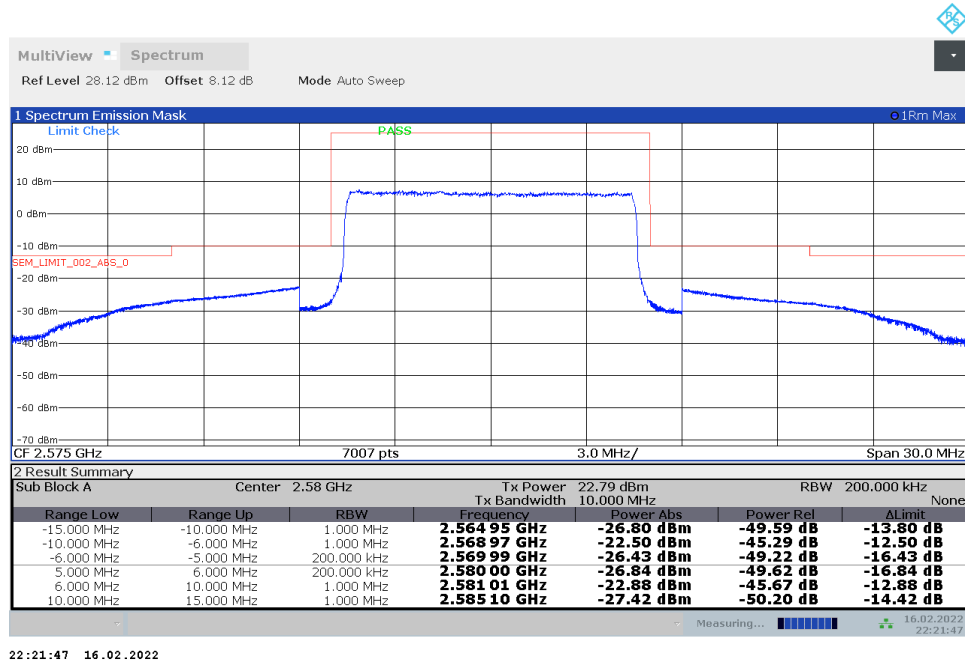
5.1.10 BAND 38_TM1_10MHZ_LCH_RB1#49



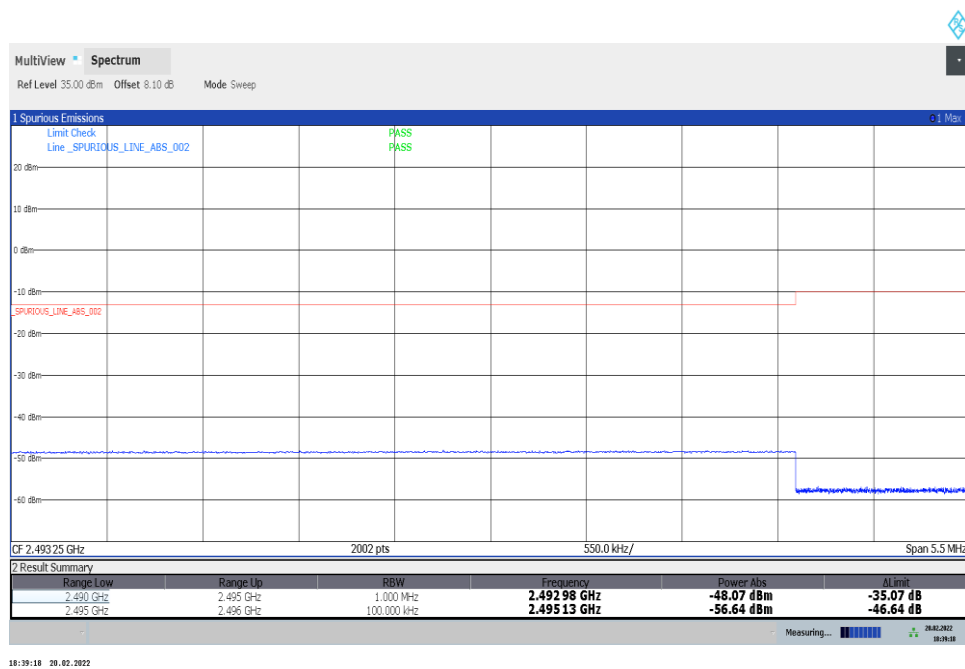
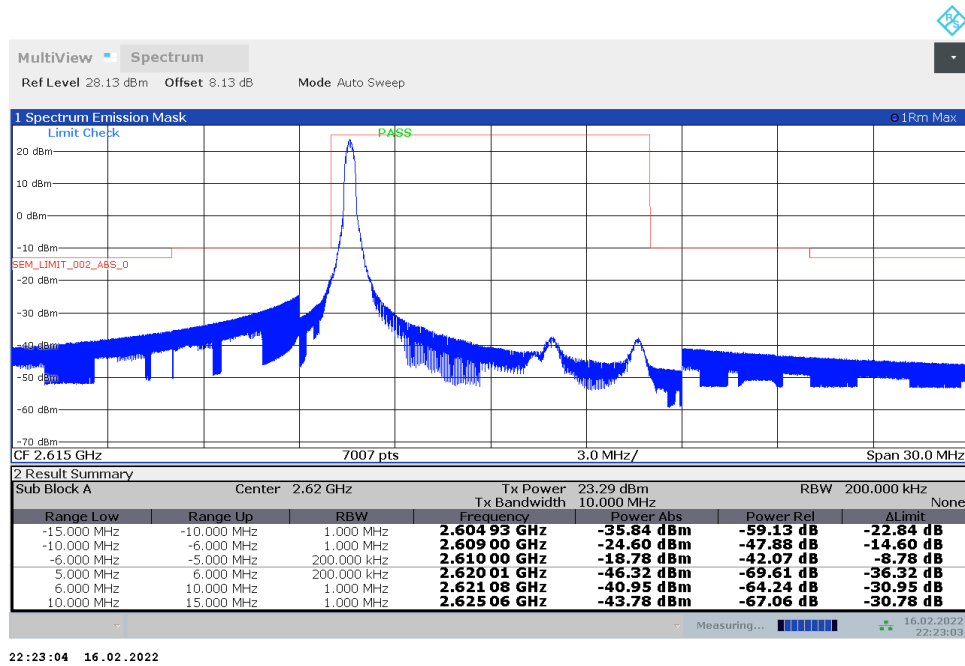
5.1.11 BAND 38_TM1_10MHZ_LCH_RB25#13



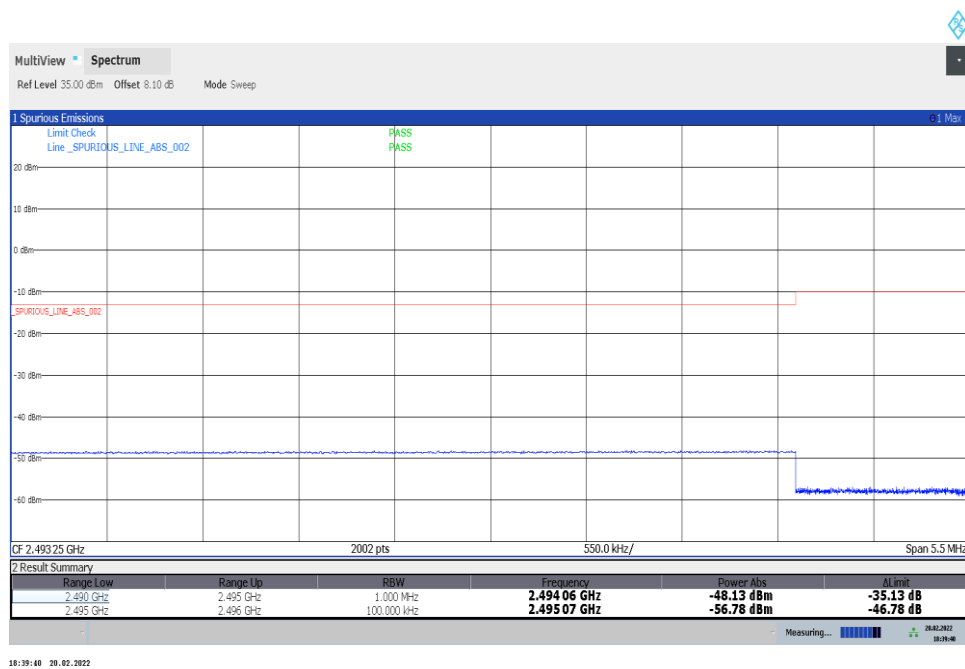
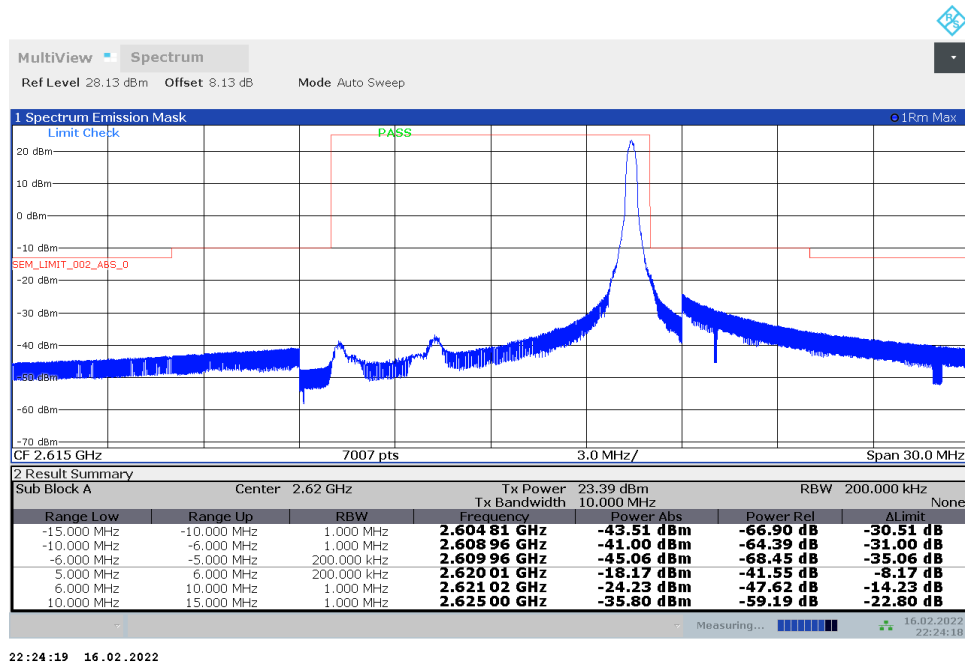
5.1.12 BAND 38_TM1_10MHZ_LCH_RB50#0



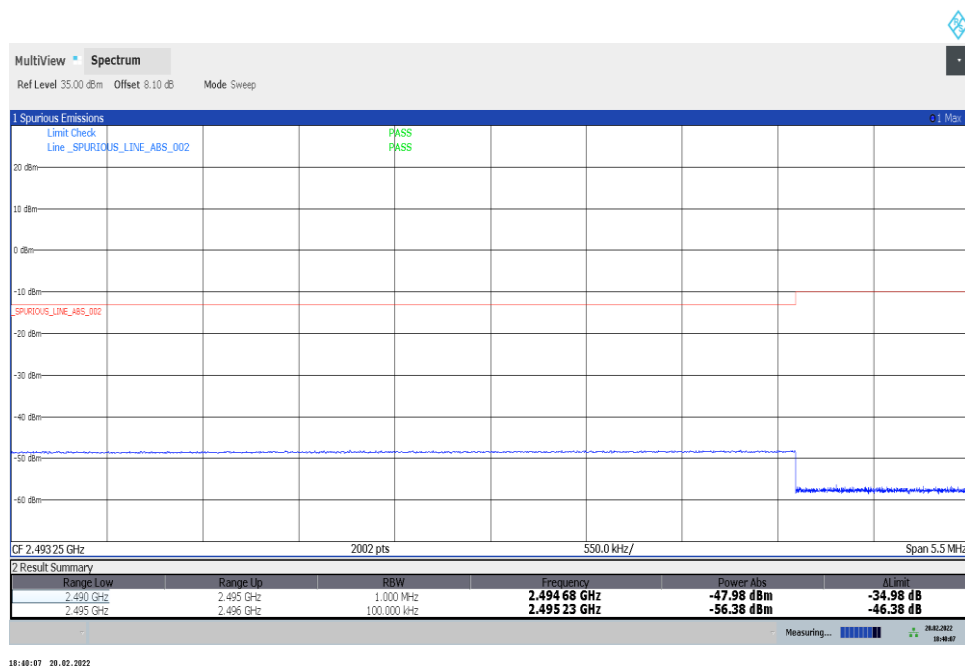
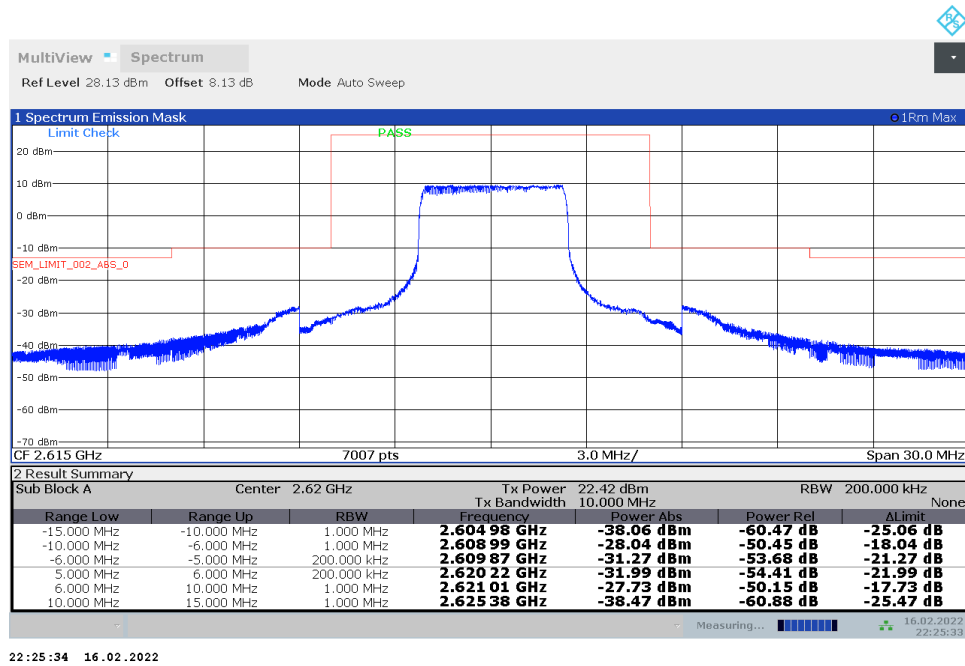
5.1.13 BAND 38_TM1_10MHZ_HCH_RB1#0



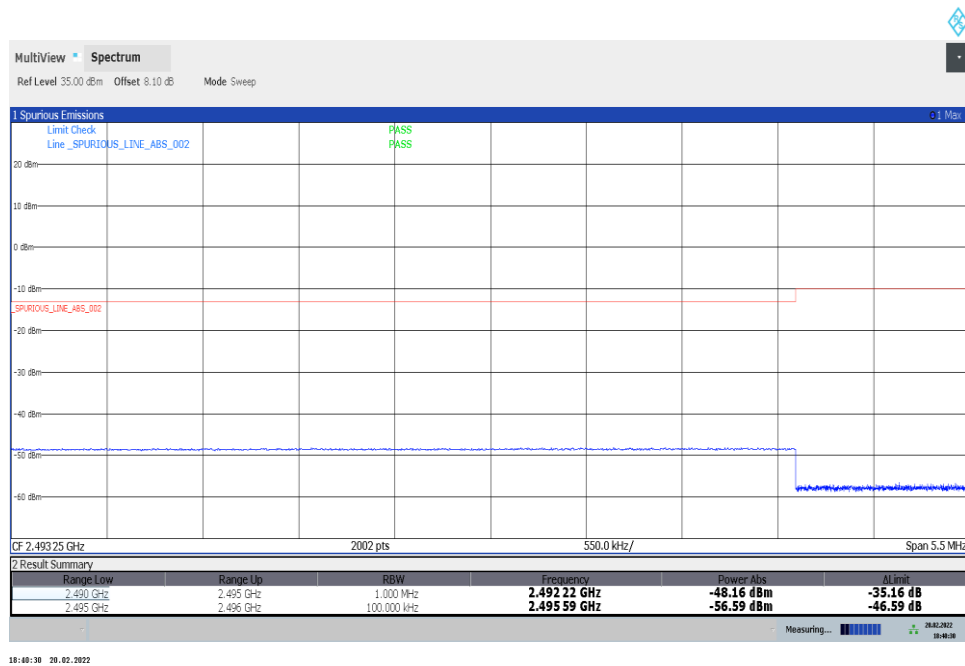
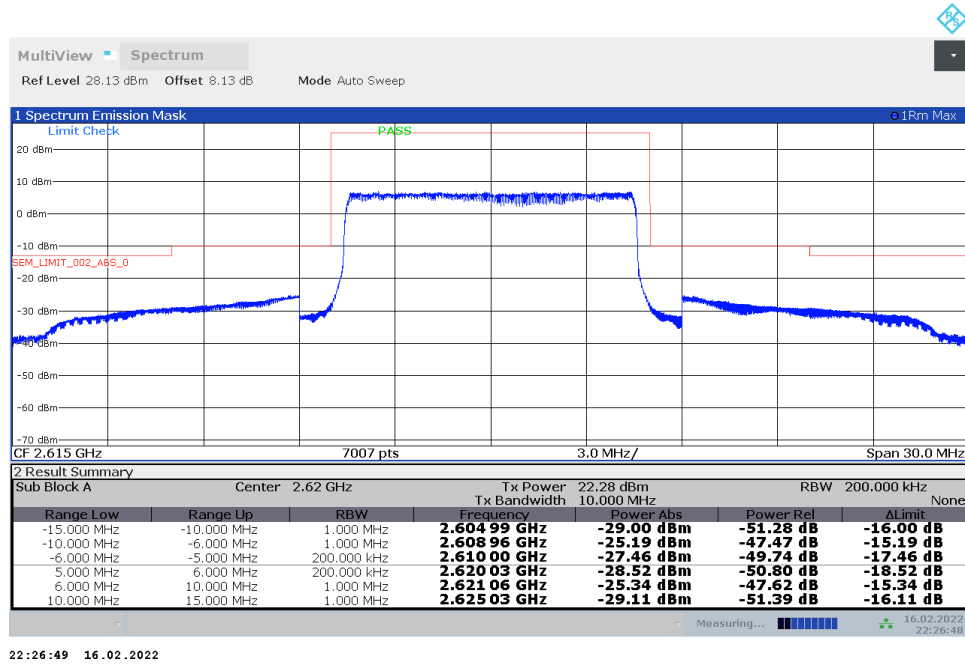
5.1.14 BAND 38_TM1_10MHZ_HCH_RB1#49



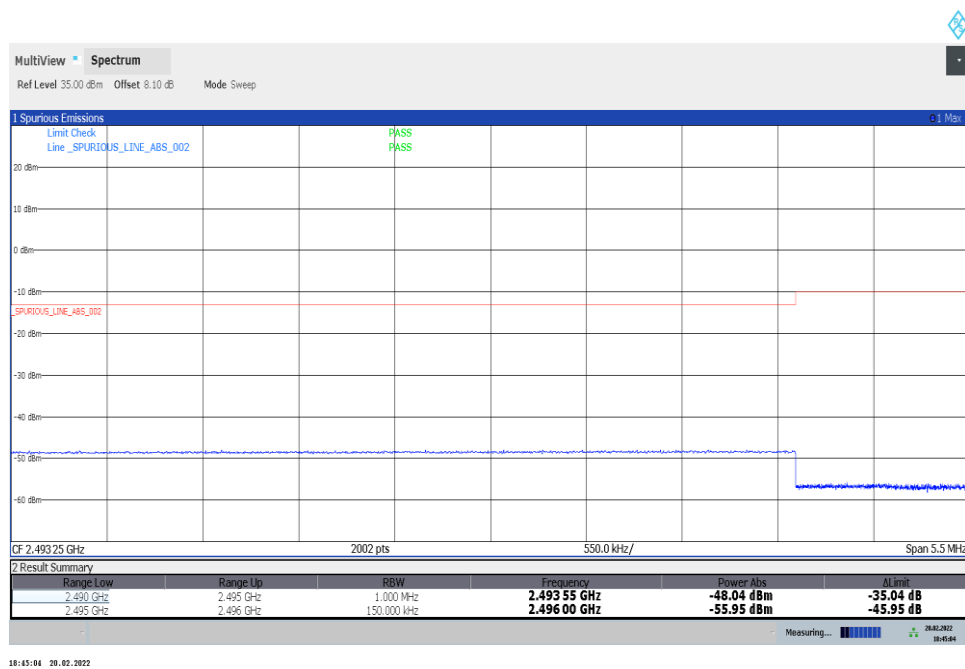
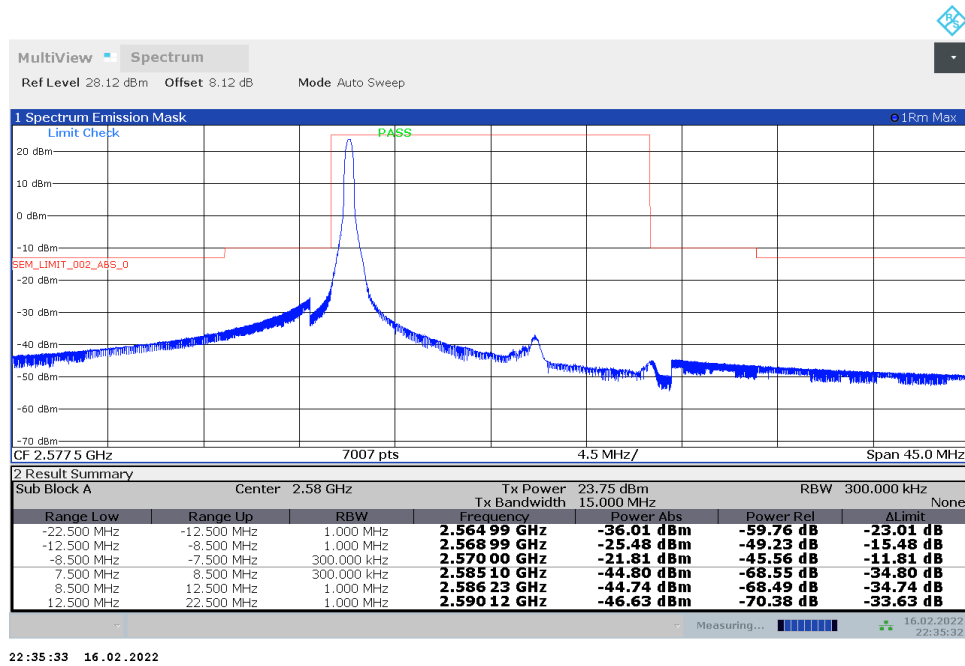
5.1.15 BAND 38_TM1_10MHZ_HCH_RB25#13



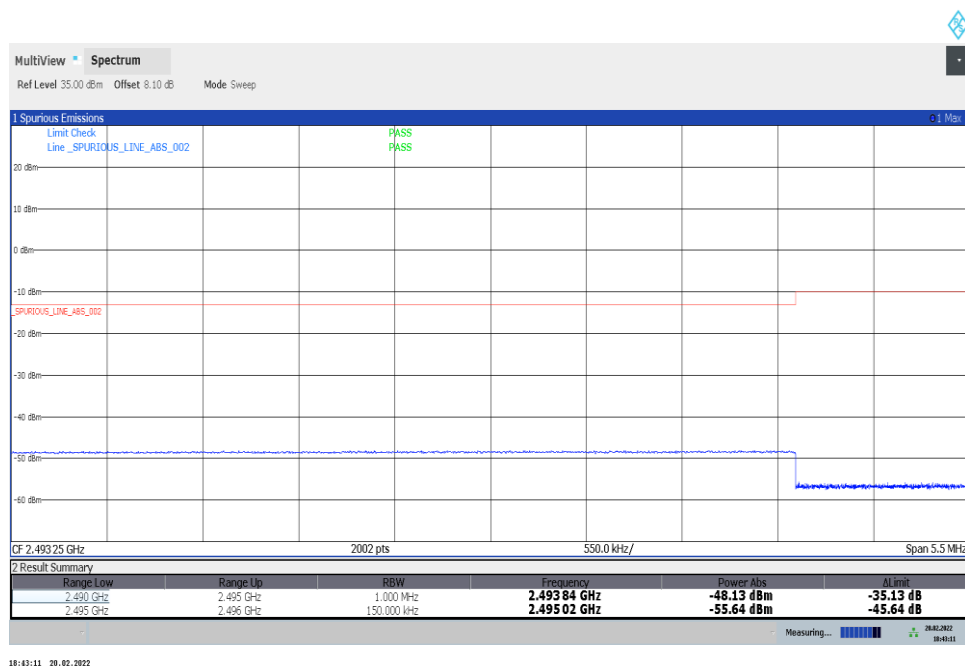
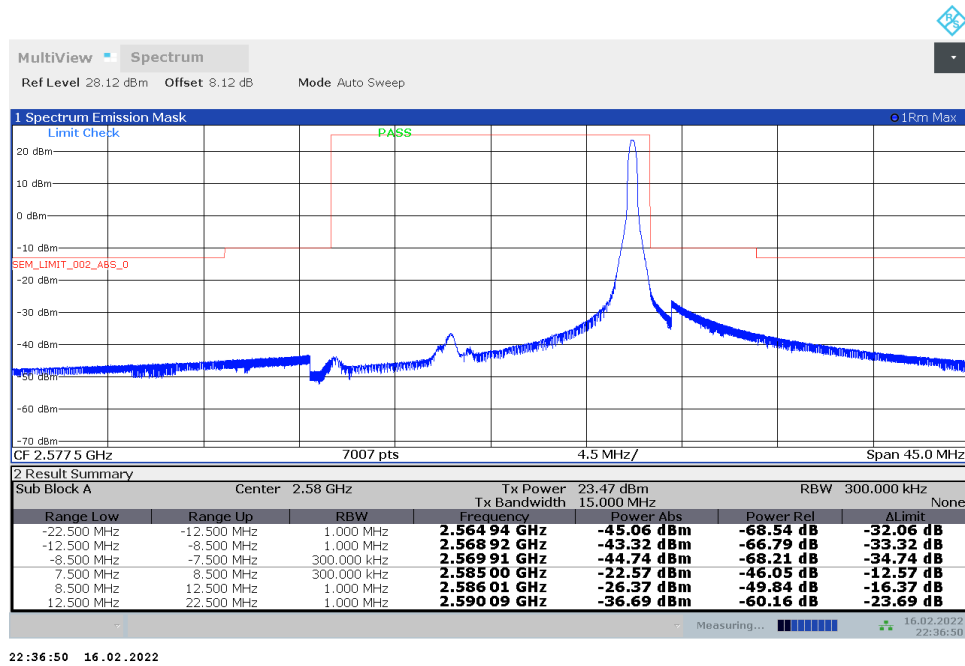
5.1.16 BAND 38_TM1_10MHZ_HCH_RB50#0



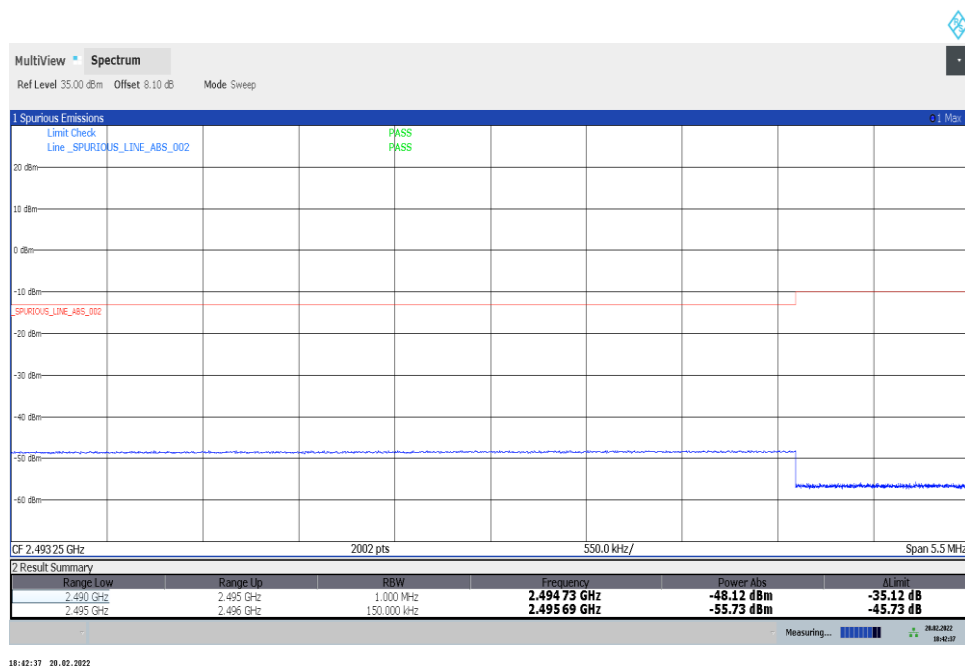
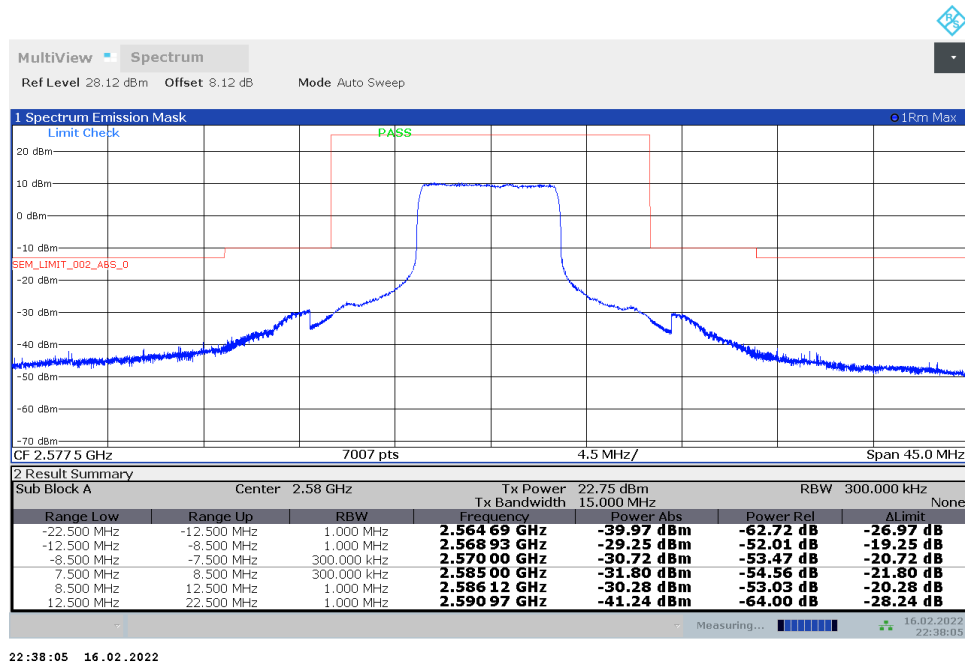
5.1.17 BAND 38_TM1_15MHZ_LCH_RB1#0



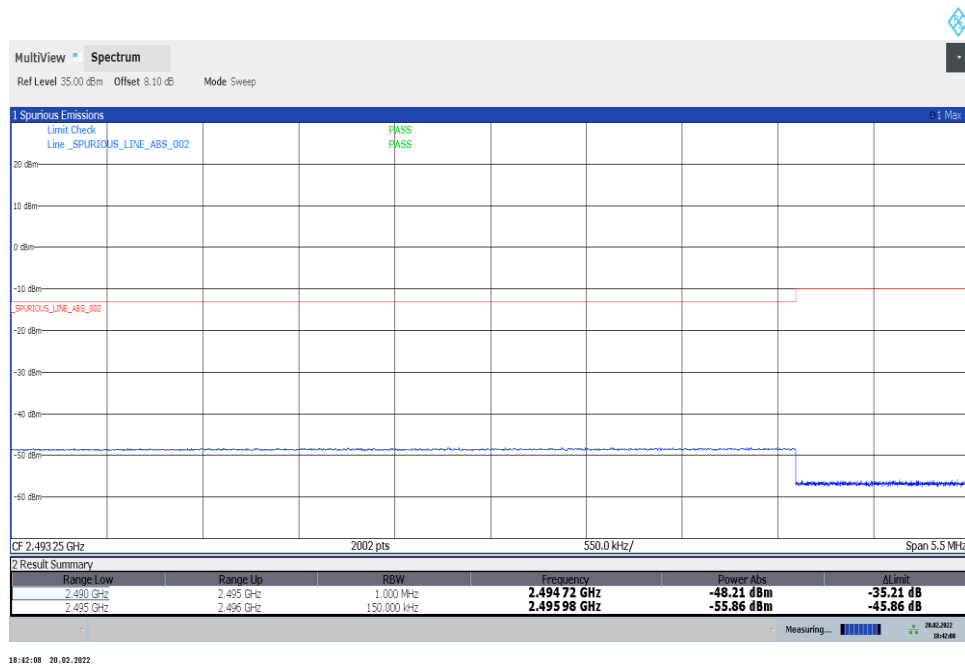
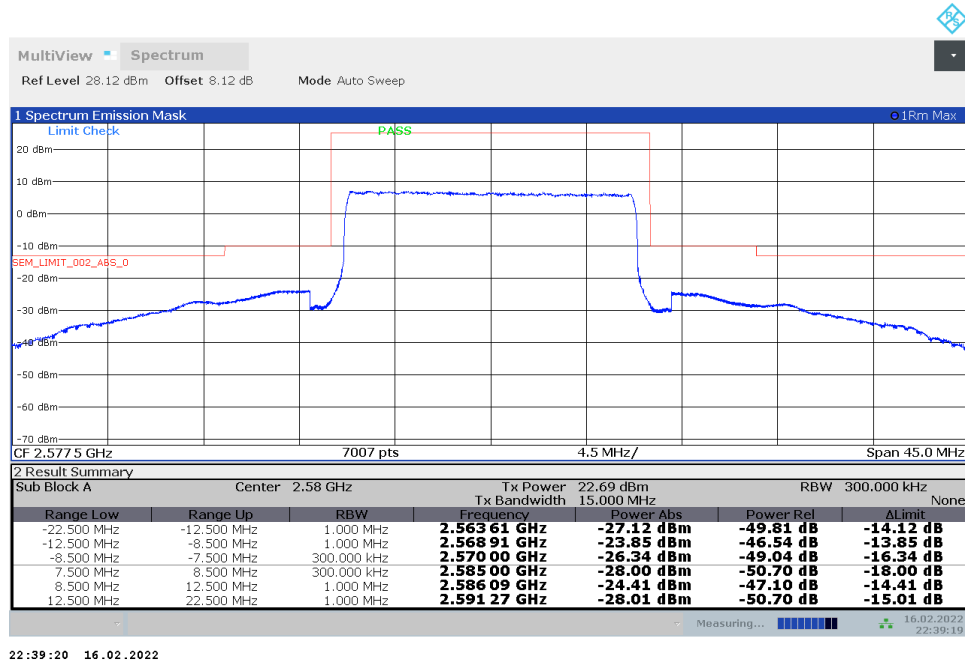
5.1.18 BAND 38_TM1_15MHZ_LCH_RB1#74



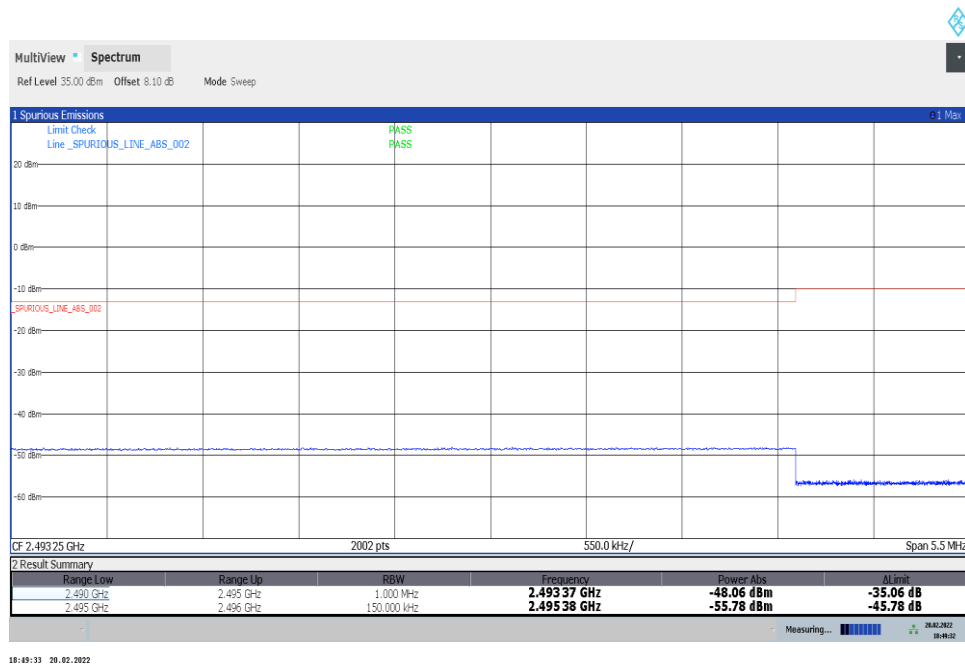
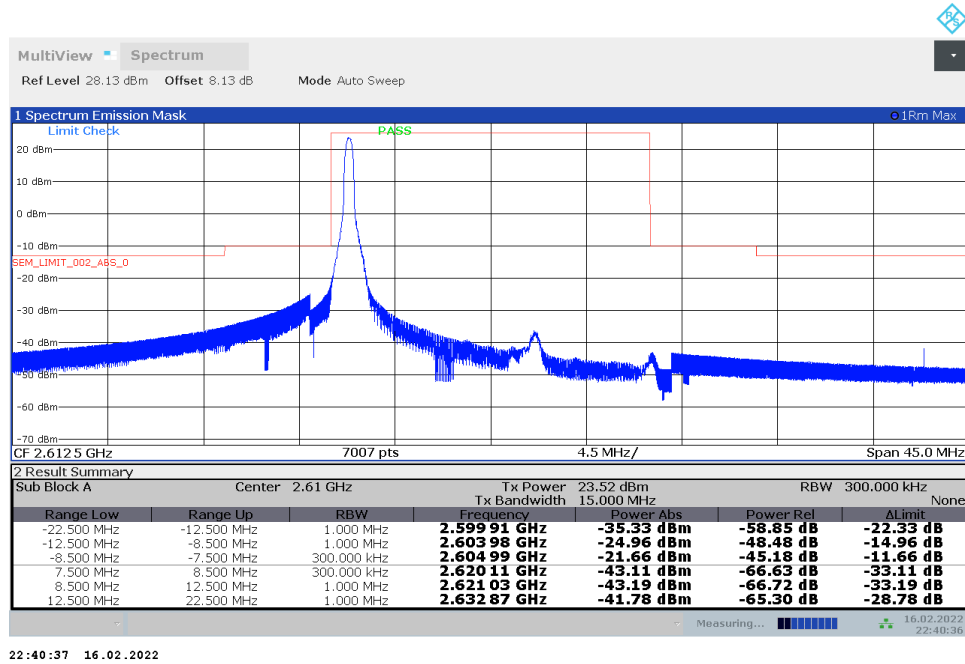
5.1.19 BAND 38_TM1_15MHZ_LCH_RB38#19



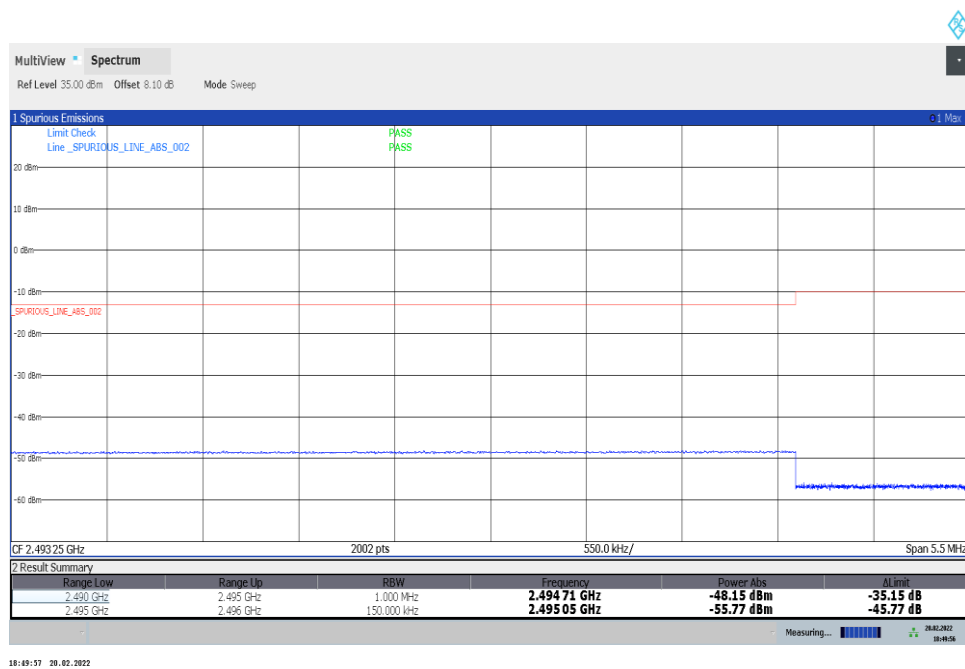
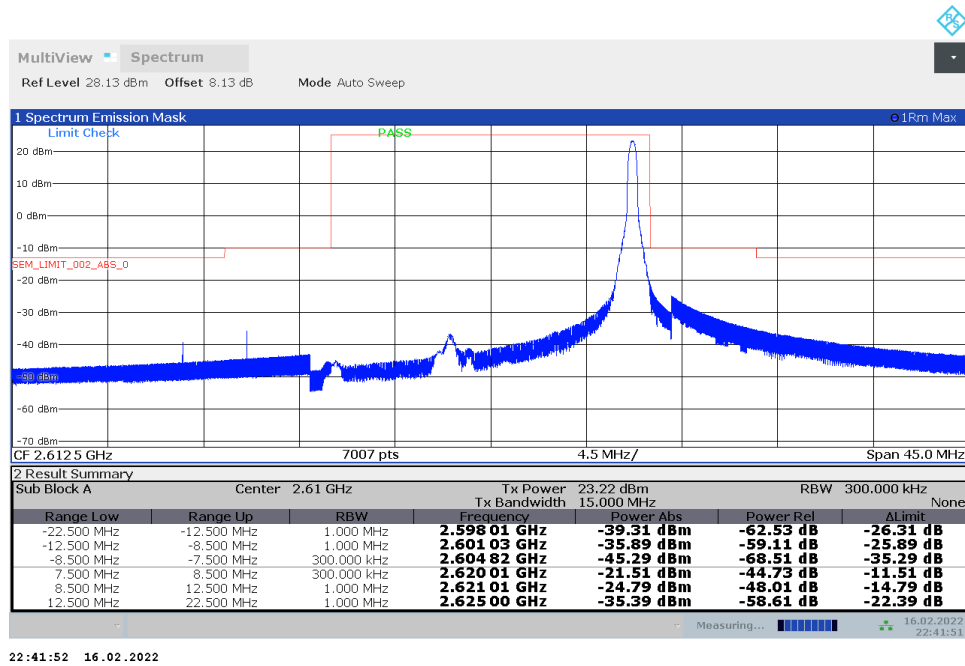
5.1.20 BAND 38_TM1_15MHZ_LCH_RB75#0



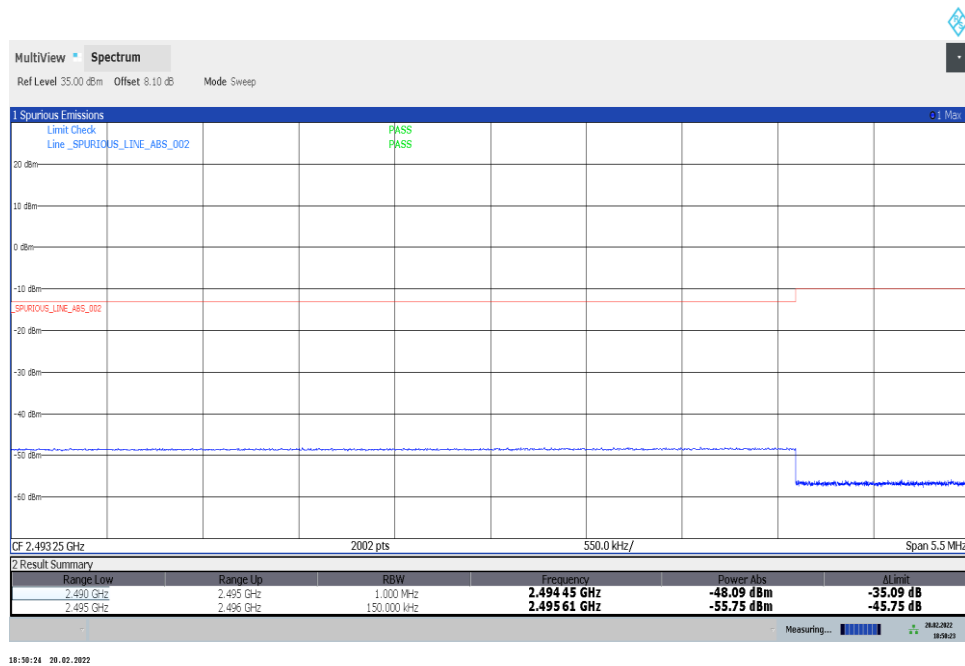
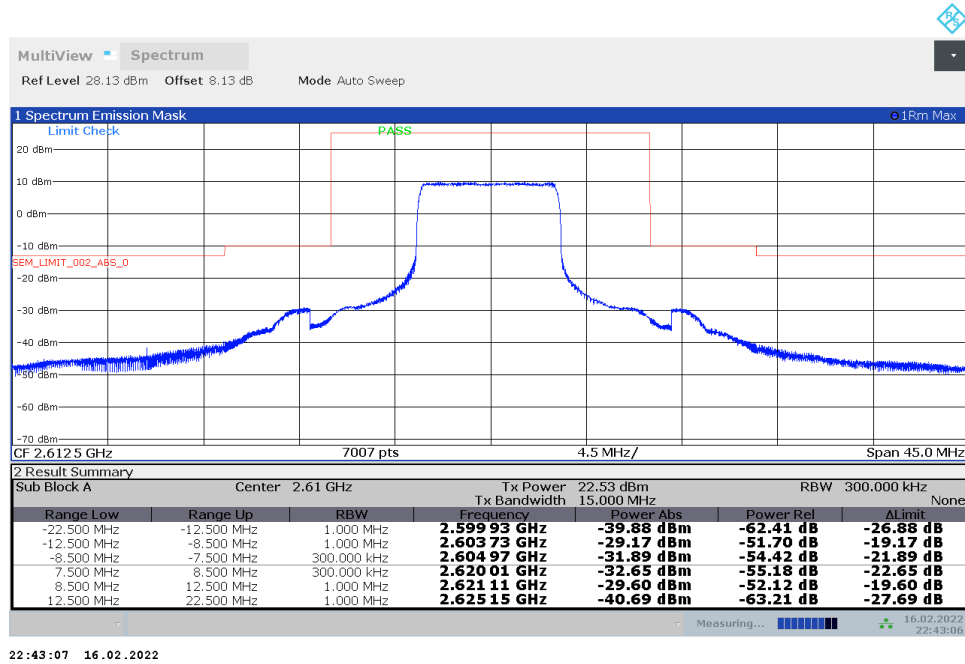
5.1.21 BAND 38_TM1_15MHZ_HCH_RB1#0



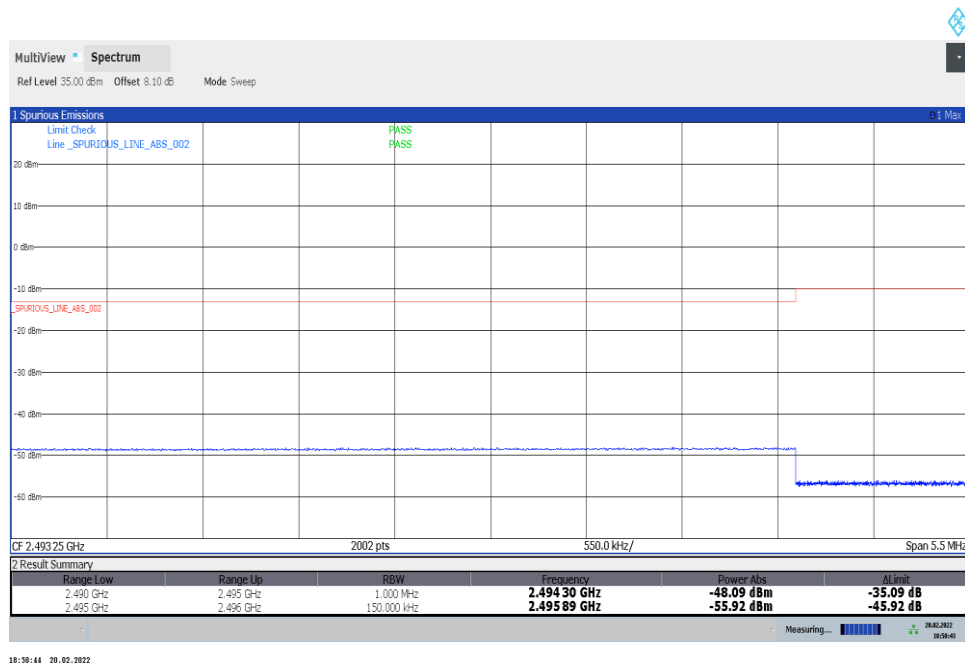
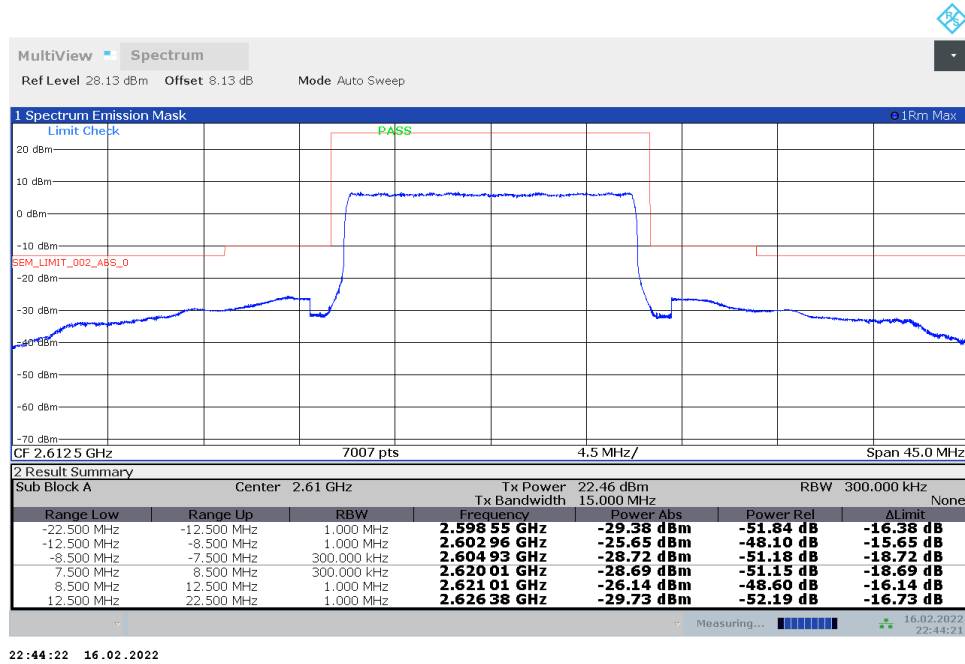
5.1.22 BAND 38_TM1_15MHZ_HCH_RB1#74



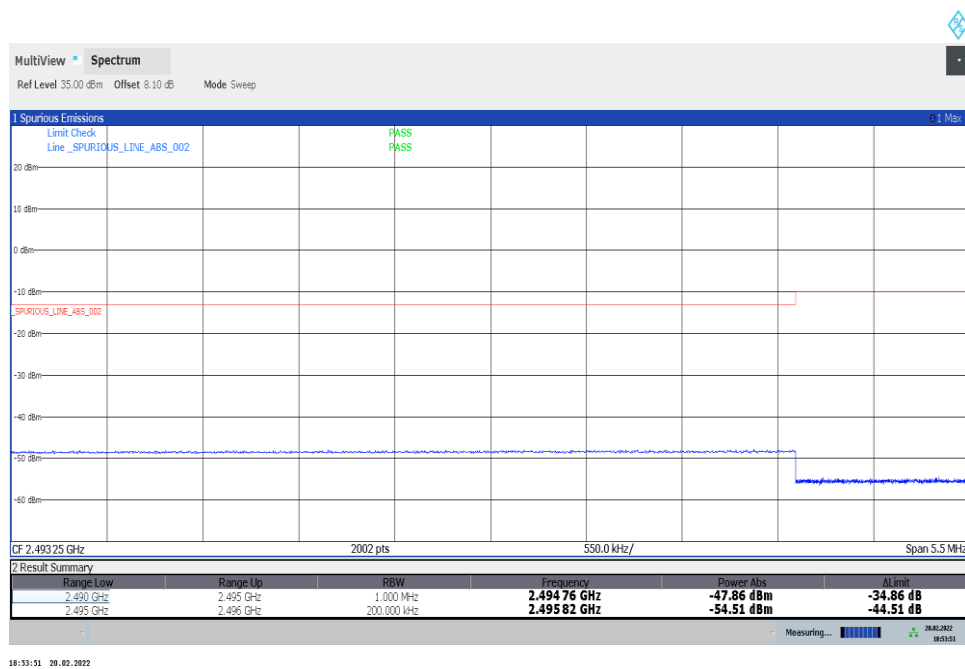
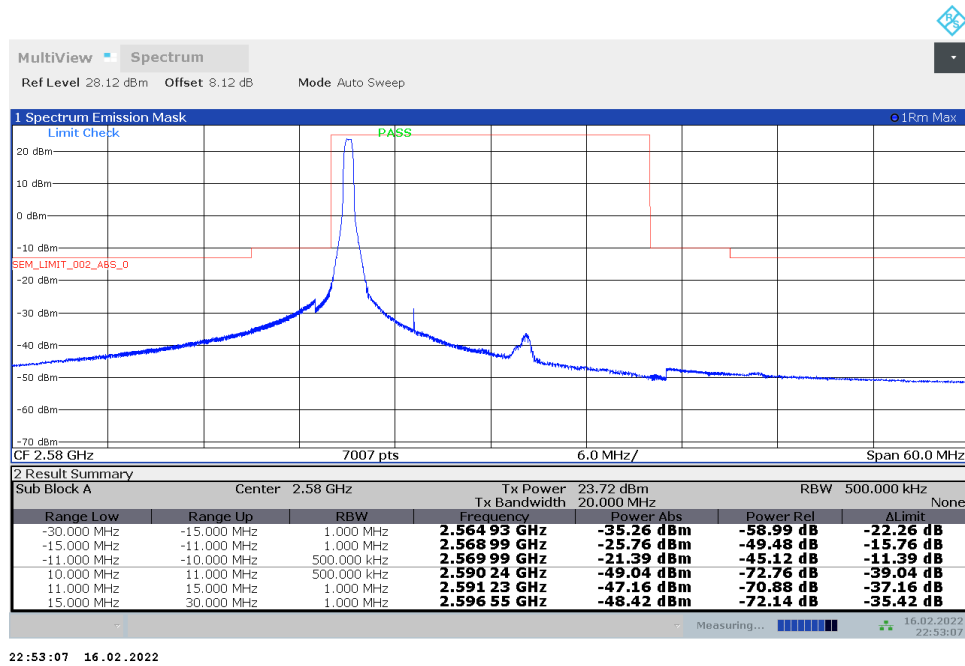
5.1.23 BAND 38_TM1_15MHZ_HCH_RB38#19



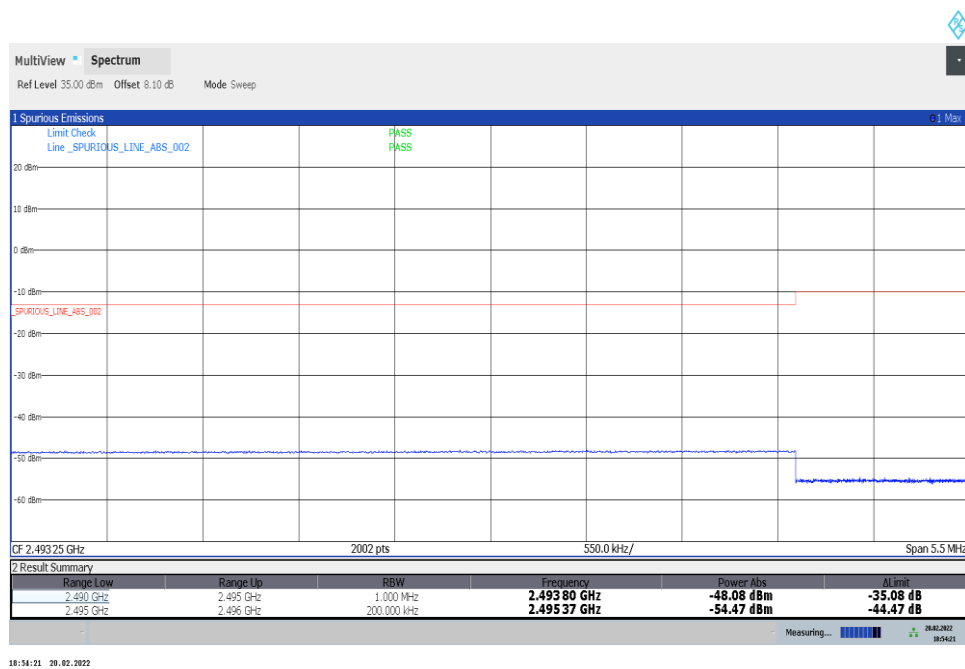
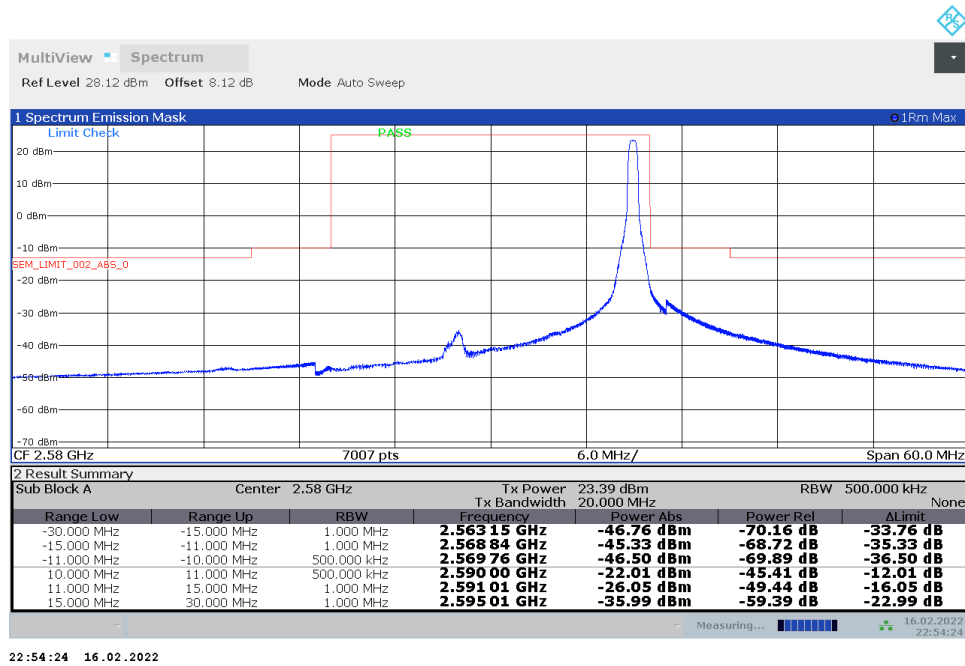
5.1.24 BAND 38_TM1_15MHZ_HCH_RB75#0



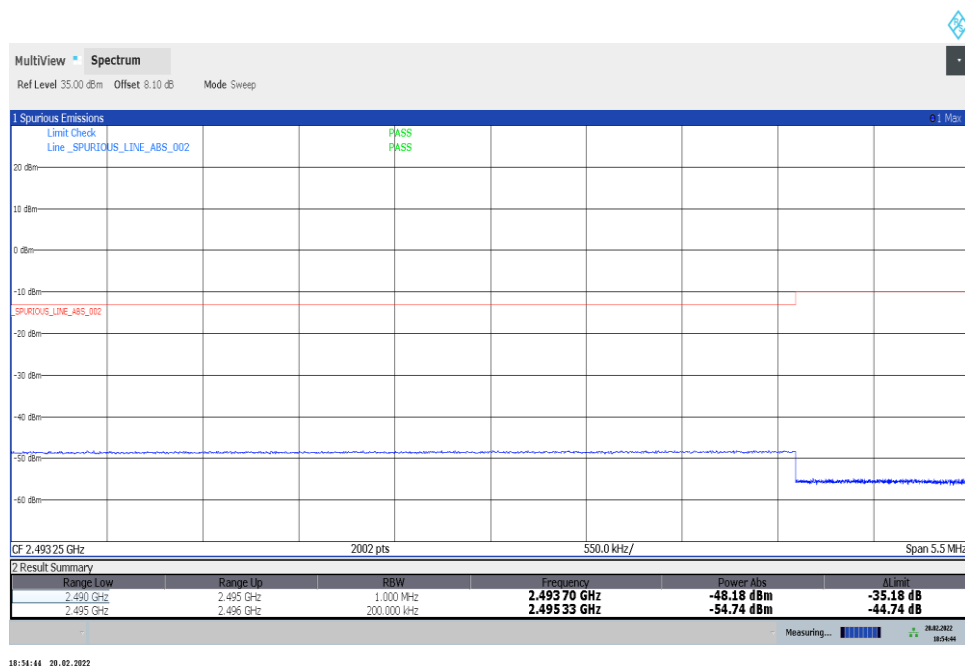
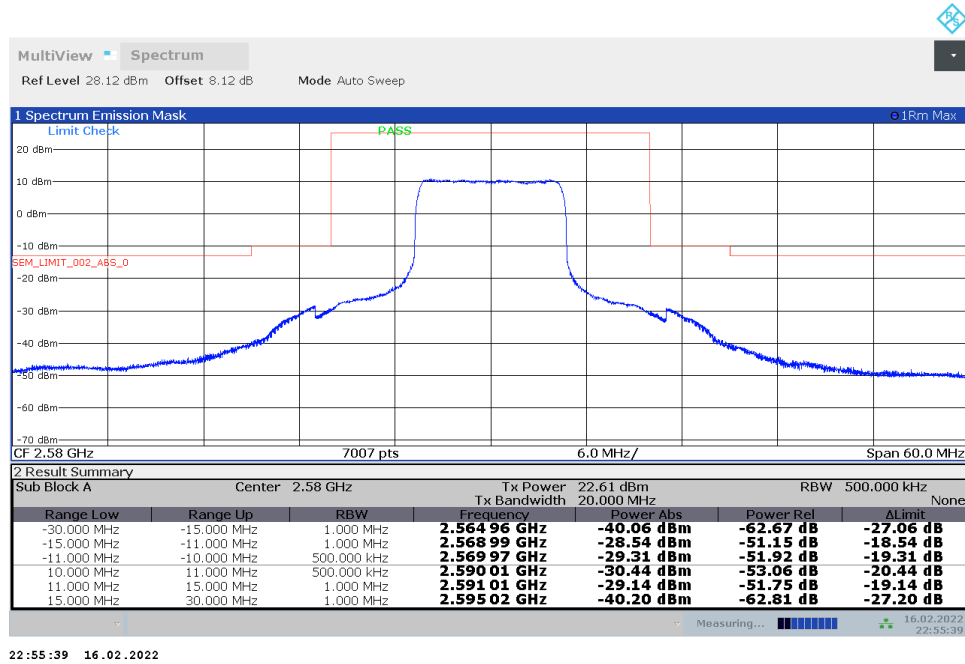
5.1.25 BAND 38_TM1_20MHZ_LCH_RB1#0



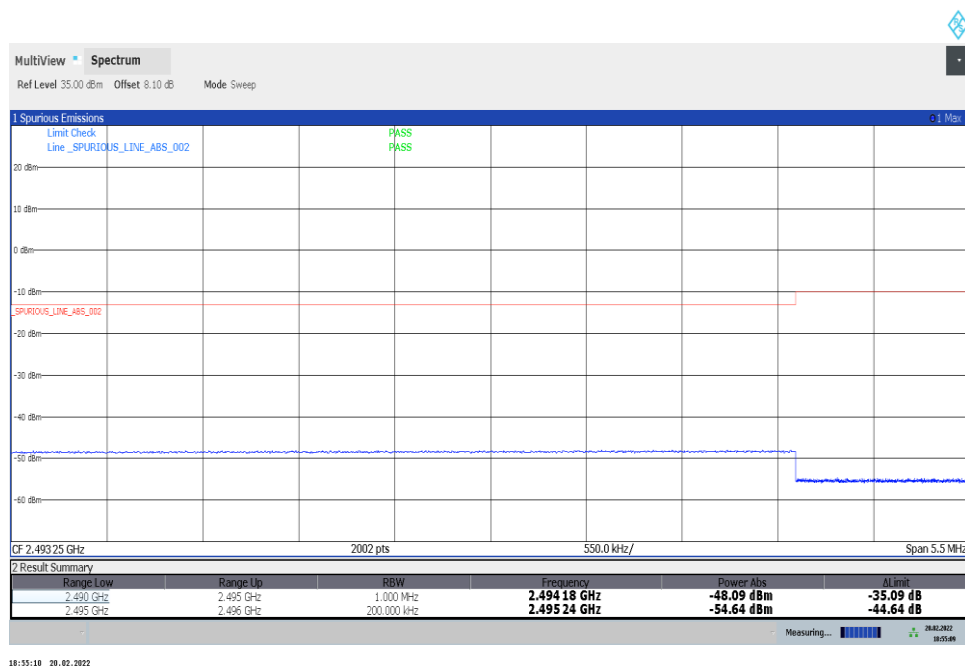
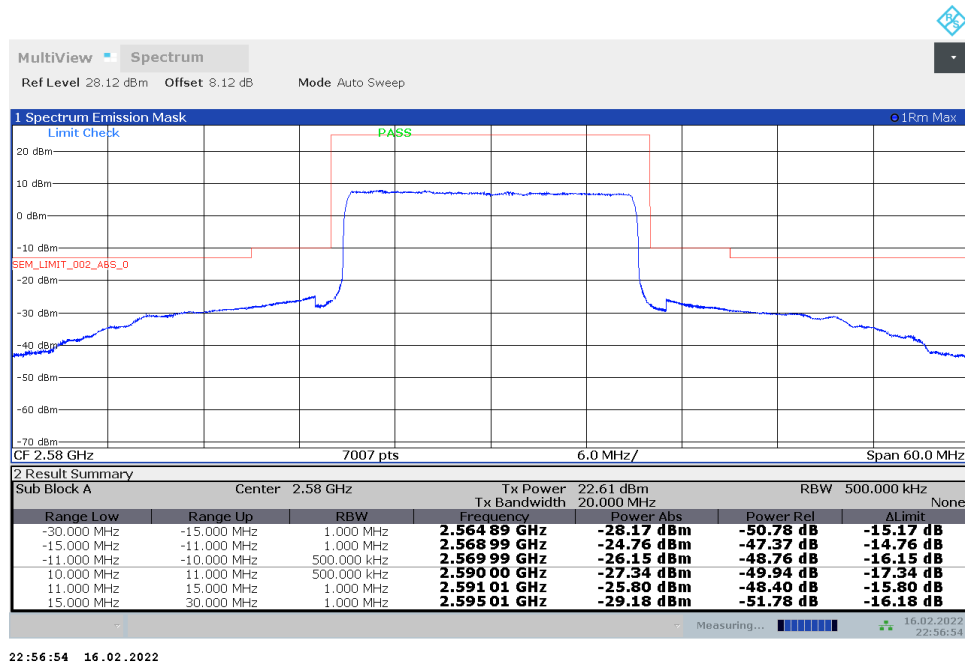
5.1.26 BAND 38_TM1_20MHZ_LCH_RB1#99



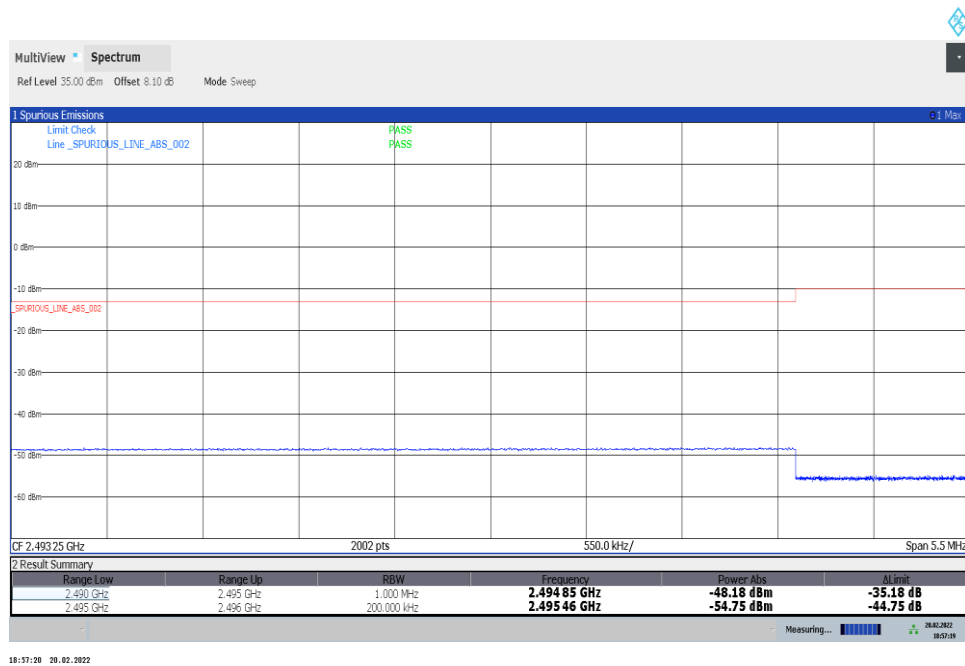
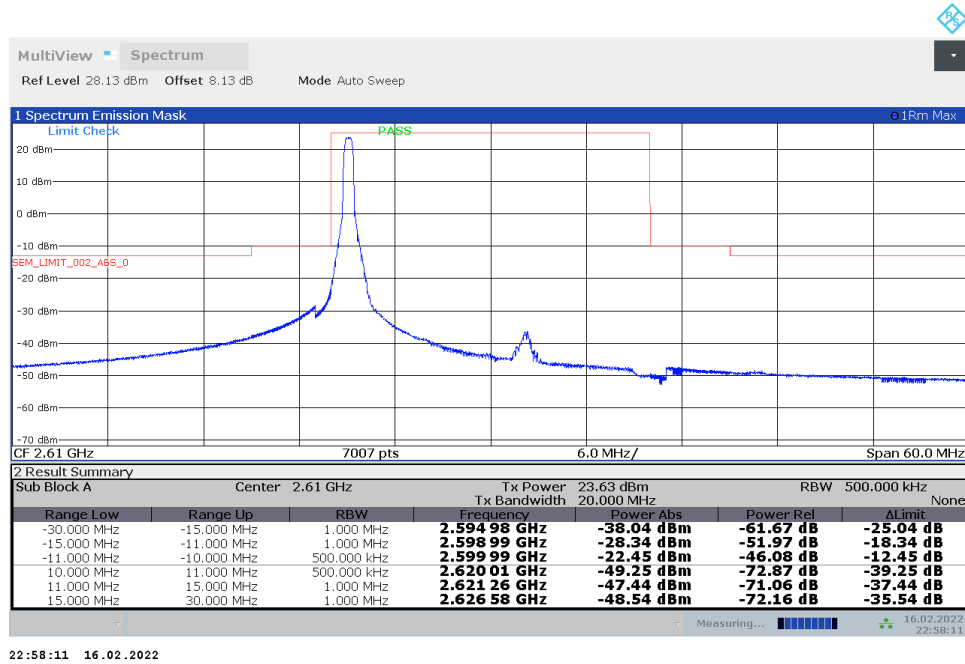
5.1.27 BAND 38_TM1_20MHZ_LCH_RB50#25



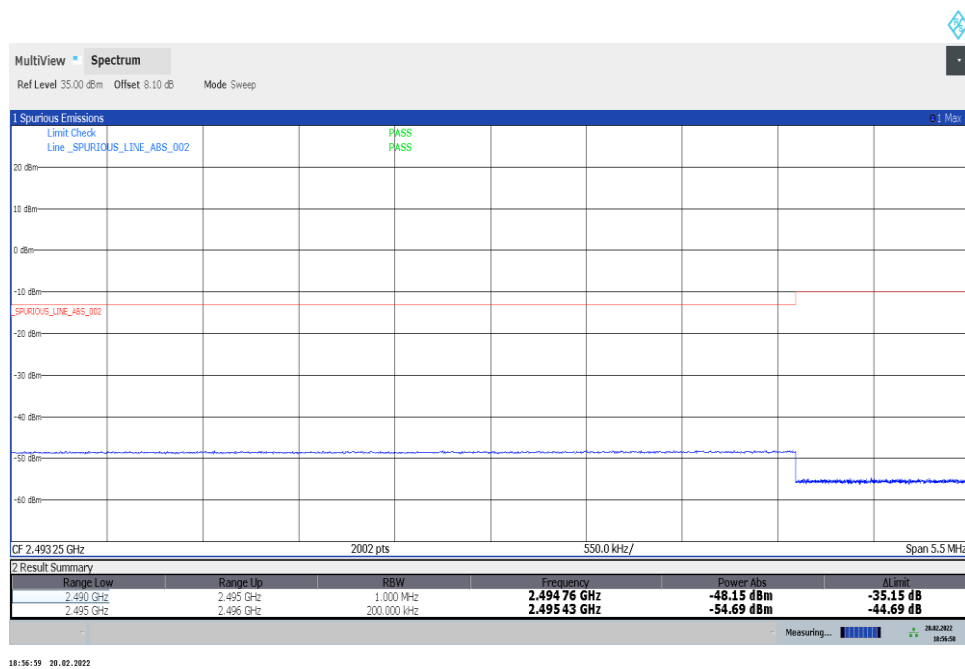
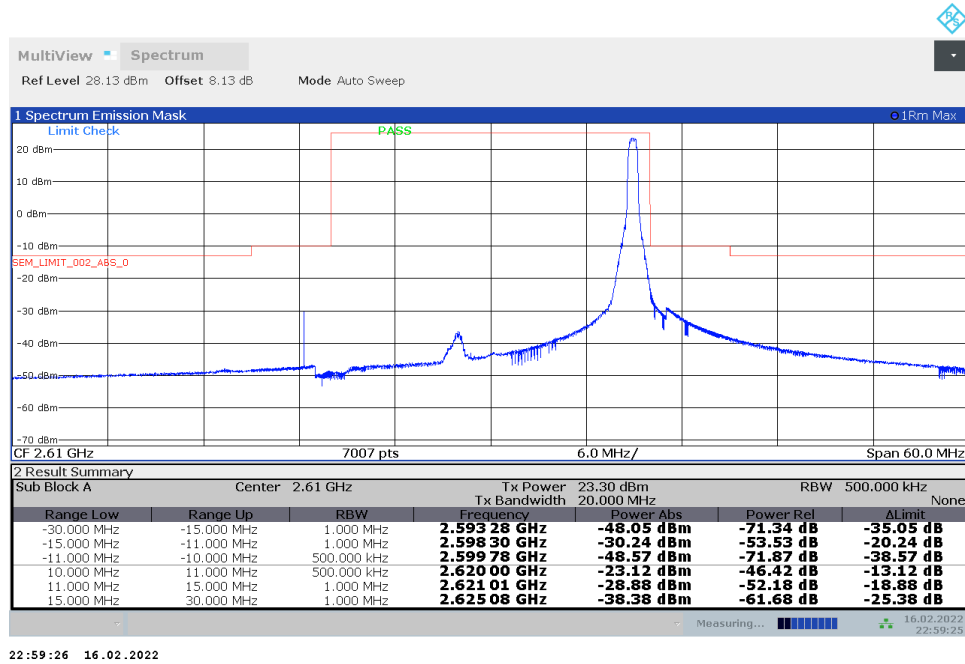
5.1.28 BAND 38_TM1_20MHZ_LCH_RB100#0



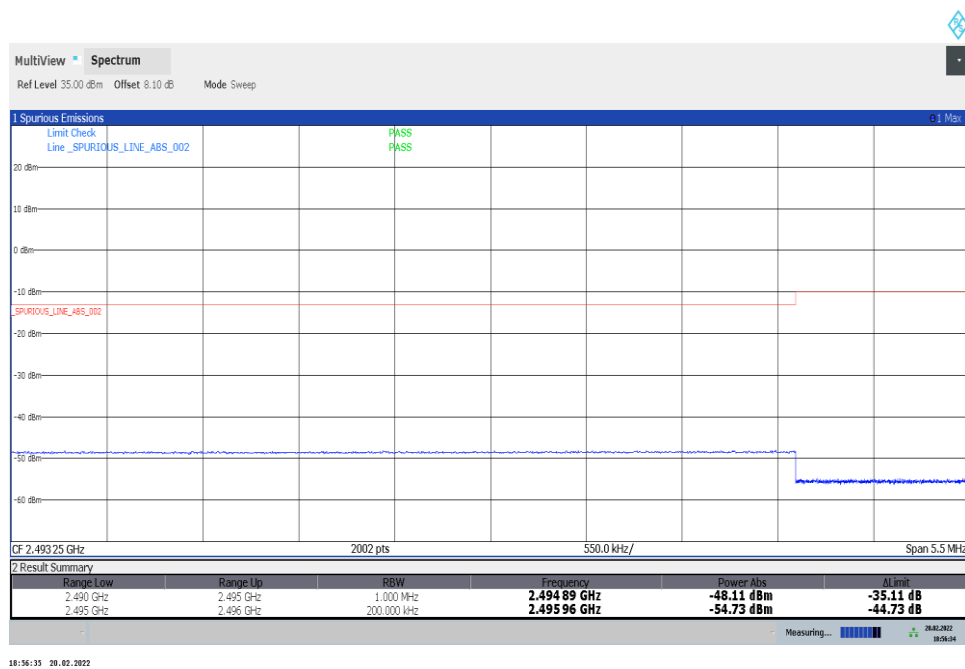
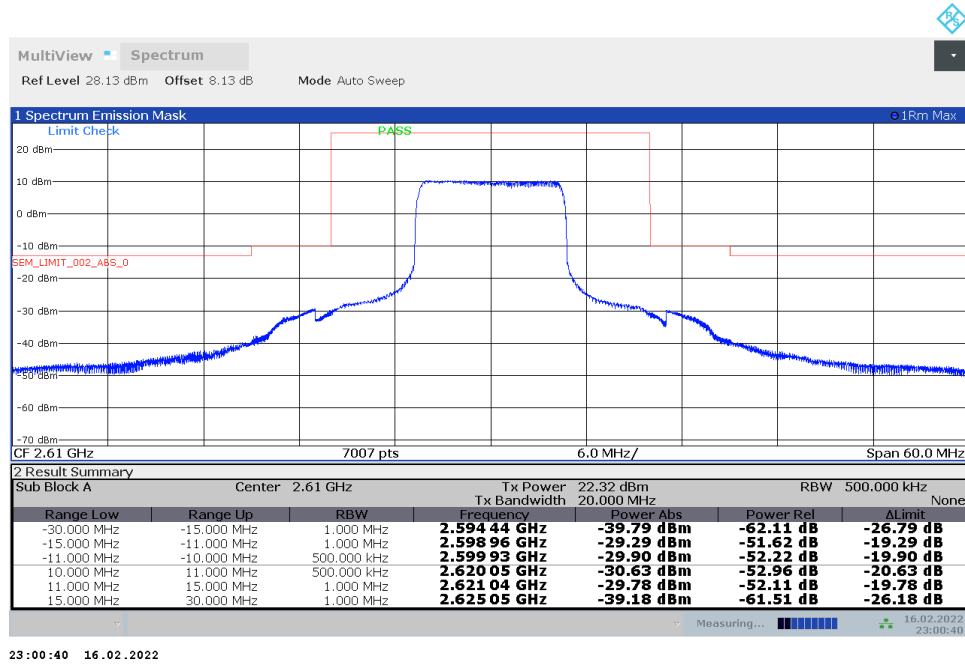
5.1.29 BAND 38_TM1_20MHZ_HCH_RB1#0



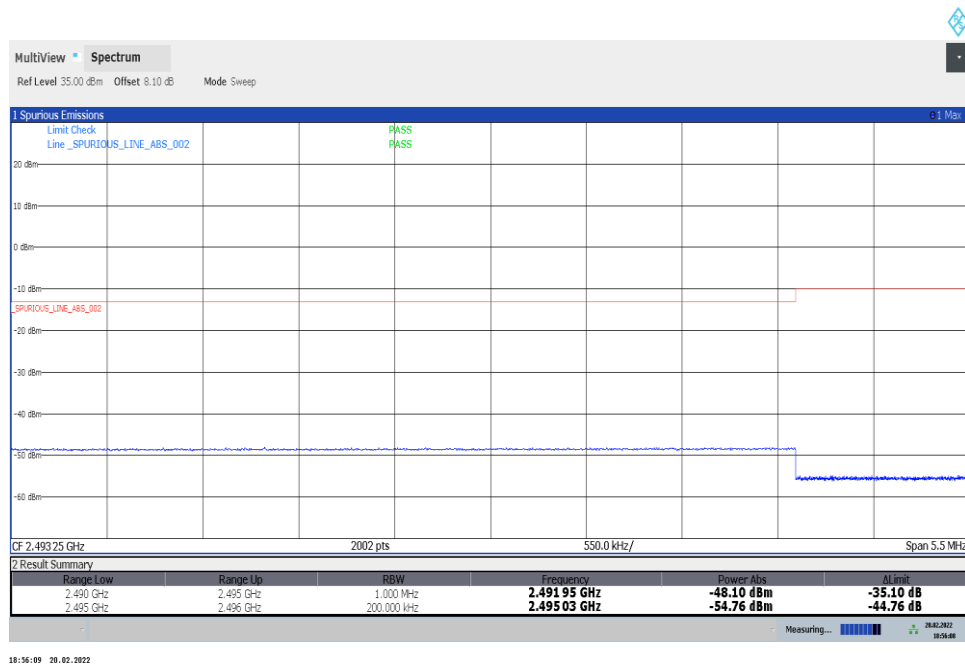
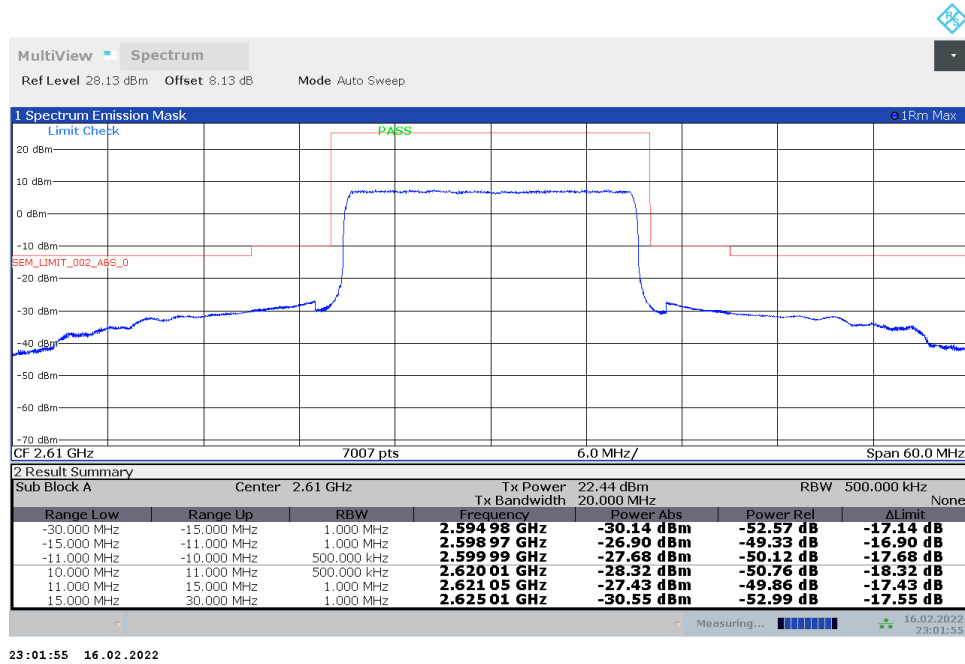
5.1.30 BAND 38_TM1_20MHZ_HCH_RB1#99



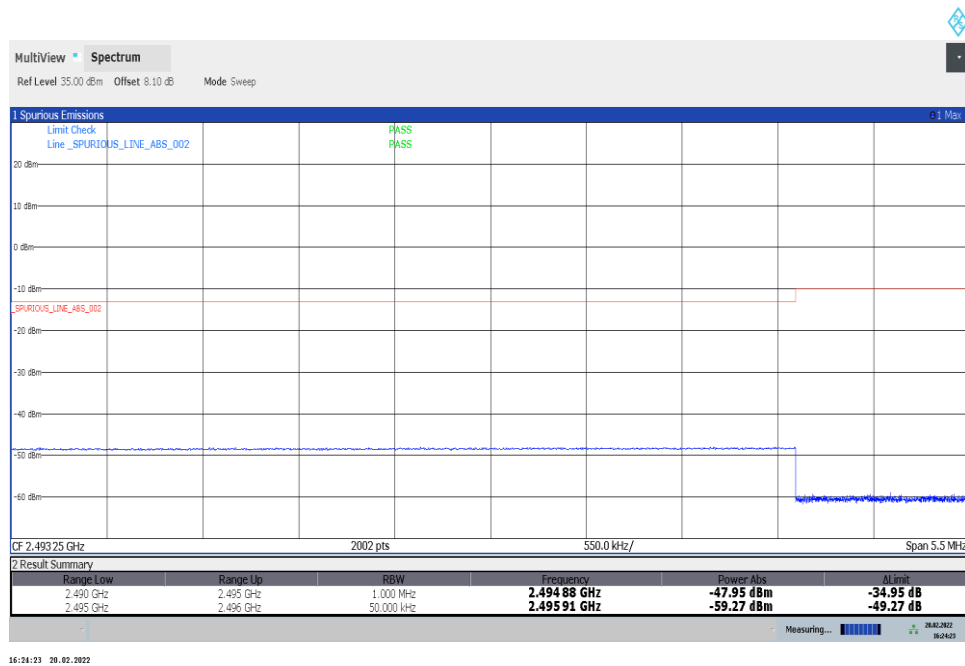
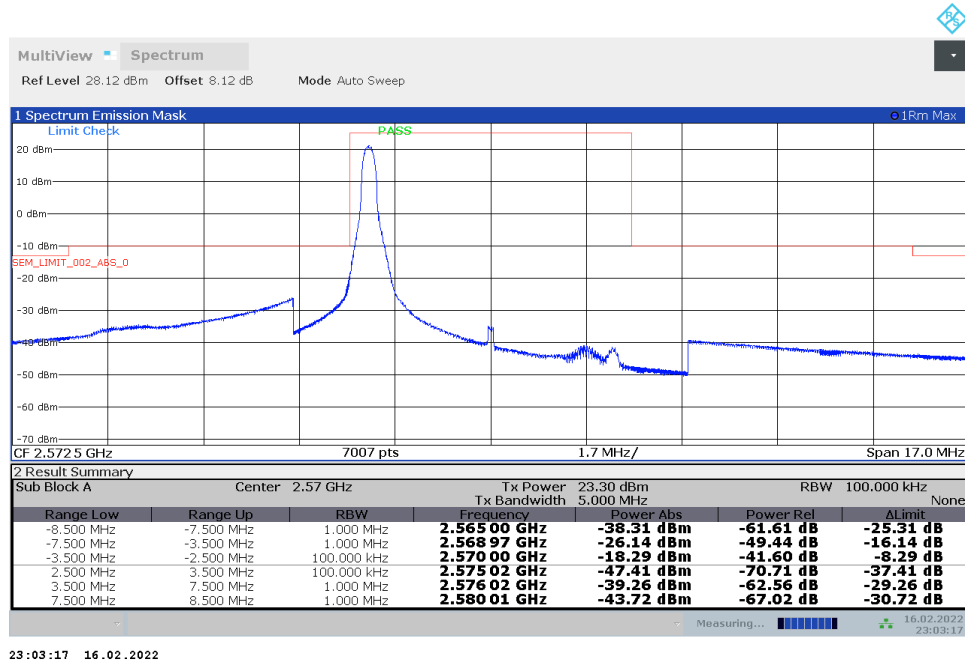
5.1.31 BAND 38_TM1_20MHZ_HCH_RB50#25



5.1.32 BAND 38_TM1_20MHZ_HCH_RB100#0



5.1.33 BAND 38_TM2_5MHZ_LCH_RB1#0



5.1.34 BAND 38_TM2_5MHZ_LCH_RB1#24

