

# Appendix for LTE CA\_41C

Model: ANY-NX1

BTL-FCCP-7-2203G020

<b>Table of Contents</b>	<b>Page</b>
<b>1 . APPENDIX A - EFFECTIVE (ISOTROPIC) RADIATED POWER OF TRANSMITTER</b>	<b>5</b>
1.1 TEST RESULTS	5
<b>2 . APPENDIX B - PEAK-TO-AVERAGE RATIO</b>	<b>8</b>
2.1 TEST RESULTS	8
<b>3 . APPENDIX C - MODULATION CHARACTERISTICS</b>	<b>11</b>
3.1 TEST PLOTS	11
3.1.1 CA_41C_TM1_LCH_20MHZ_20MHZ_PCCRB100#0_SCCRB100#0	11
3.1.2 CA_41C_TM1_LCH_15MHZ_15MHZ_PCCRB75#0_SCCRB75#0	11
3.1.3 CA_41C_TM2_LCH_20MHZ_20MHZ_PCCRB100#0_SCCRB100#0	12
3.1.4 CA_41C_TM2_LCH_15MHZ_15MHZ_PCCRB75#0_SCCRB75#0	12
<b>4 . APPENDIX D - OCCUPIED BANDWIDTH</b>	<b>13</b>
4.1 TEST RESULTS	13
4.2 TEST PLOTS	14
4.2.1 CA_41C_TM1_LCH_20MHZ_20MHZ_PCCRB100#0_SCCRB100#0	14
4.2.2 CA_41C_TM1_MCH_20MHZ_20MHZ_PCCRB100#0_SCCRB100#0	15
4.2.3 CA_41C_TM1_HCH_20MHZ_20MHZ_PCCRB100#0_SCCRB100#0	16
4.2.4 CA_41C_TM1_LCH_15MHZ_15MHZ_PCCRB75#0_SCCRB75#0	17
4.2.5 CA_41C_TM1_MCH_15MHZ_15MHZ_PCCRB75#0_SCCRB75#0	18
4.2.6 CA_41C_TM1_HCH_15MHZ_15MHZ_PCCRB75#0_SCCRB75#0	19
4.2.7 CA_41C_TM2_LCH_20MHZ_20MHZ_PCCRB100#0_SCCRB100#0	20
4.2.8 CA_41C_TM2_MCH_20MHZ_20MHZ_PCCRB100#0_SCCRB100#0	21
4.2.9 CA_41C_TM2_HCH_20MHZ_20MHZ_PCCRB100#0_SCCRB100#0	22
4.2.10 CA_41C_TM2_LCH_15MHZ_15MHZ_PCCRB75#0_SCCRB75#0	23
4.2.11 CA_41C_TM2_MCH_15MHZ_15MHZ_PCCRB75#0_SCCRB75#0	24
4.2.12 CA_41C_TM2_HCH_15MHZ_15MHZ_PCCRB75#0_SCCRB75#0	25
4.2.13 CA_41C_TM3_LCH_20MHZ_20MHZ_PCCRB100#0_SCCRB100#0	26
4.2.14 CA_41C_TM3_MCH_20MHZ_20MHZ_PCCRB100#0_SCCRB100#0	27
4.2.15 CA_41C_TM3_HCH_20MHZ_20MHZ_PCCRB100#0_SCCRB100#0	28
4.2.16 CA_41C_TM3_LCH_15MHZ_15MHZ_PCCRB75#0_SCCRB75#0	29
4.2.17 CA_41C_TM3_MCH_15MHZ_15MHZ_PCCRB75#0_SCCRB75#0	30
4.2.18 CA_41C_TM3_HCH_15MHZ_15MHZ_PCCRB75#0_SCCRB75#0	31
<b>5 . APPENDIX E - BAND EDGES COMPLIANCE</b>	<b>32</b>
5.1 TEST RESULT	32
5.2 TEST PLOTS	38
5.2.1 CA_41C_TM1_LCH_20MHZ_20MHZ_PCCRB100#0_SCCRB100#0	38
5.2.2 CA_41C_TM1_LCH_20MHZ_20MHZ_PCCRB1#0_SCCRB0#0	40
5.2.3 CA_41C_TM1_LCH_20MHZ_20MHZ_PCCRB18#0_SCCRB0#0	42
5.2.4 CA_41C_TM1_LCH_20MHZ_20MHZ_PCCRB100#0_SCCRB0#0	44

## Table of Contents

## Page

5.2.5 CA_41C_TM1_HCH_20MHZ_20MHZ_PCCRB100#0_SCCRB100#0	46
5.2.6 CA_41C_TM1_HCH_20MHZ_20MHZ_PCCRB0#0_SCCRB1#99	48
5.2.7 CA_41C_TM1_HCH_20MHZ_20MHZ_PCCRB0#0_SCCRB18#82	50
5.2.8 CA_41C_TM1_HCH_20MHZ_20MHZ_PCCRB0#0_SCCRB100#0	52
5.2.9 CA_41C_TM1_LCH_15MHZ_15MHZ_PCCRB75#0_SCCRB75#0	54
5.2.10 CA_41C_TM1_LCH_15MHZ_15MHZ_PCCRB1#0_SCCRB0#0	56
5.2.11 CA_41C_TM1_LCH_15MHZ_15MHZ_PCCRB16#0_SCCRB0#0	58
5.2.12 CA_41C_TM1_LCH_15MHZ_15MHZ_PCCRB75#0_SCCRB0#0	60
5.2.13 CA_41C_TM1_HCH_15MHZ_15MHZ_PCCRB75#0_SCCRB75#0	62
5.2.14 CA_41C_TM1_HCH_15MHZ_15MHZ_PCCRB0#0_SCCRB1#74	64
5.2.15 CA_41C_TM1_HCH_15MHZ_15MHZ_PCCRB0#0_SCCRB16#59	66
5.2.16 CA_41C_TM1_HCH_15MHZ_15MHZ_PCCRB0#0_SCCRB75#0	68
5.2.17 CA_41C_TM2_LCH_20MHZ_20MHZ_PCCRB100#0_SCCRB100#0	70
5.2.18 CA_41C_TM2_LCH_20MHZ_20MHZ_PCCRB1#0_SCCRB0#0	72
5.2.19 CA_41C_TM2_LCH_20MHZ_20MHZ_PCCRB18#0_SCCRB0#0	74
5.2.20 CA_41C_TM2_LCH_20MHZ_20MHZ_PCCRB100#0_SCCRB0#0	76
5.2.21 CA_41C_TM2_HCH_20MHZ_20MHZ_PCCRB100#0_SCCRB100#0	78
5.2.22 CA_41C_TM2_HCH_20MHZ_20MHZ_PCCRB0#0_SCCRB1#99	80
5.2.23 CA_41C_TM2_HCH_20MHZ_20MHZ_PCCRB0#0_SCCRB18#82	82
5.2.24 CA_41C_TM2_HCH_20MHZ_20MHZ_PCCRB0#0_SCCRB100#0	84
5.2.25 CA_41C_TM2_LCH_15MHZ_15MHZ_PCCRB75#0_SCCRB75#0	86
5.2.26 CA_41C_TM2_LCH_15MHZ_15MHZ_PCCRB1#0_SCCRB0#0	88
5.2.27 CA_41C_TM2_LCH_15MHZ_15MHZ_PCCRB16#0_SCCRB0#0	90
5.2.28 CA_41C_TM2_LCH_15MHZ_15MHZ_PCCRB75#0_SCCRB0#0	92
5.2.29 CA_41C_TM2_HCH_15MHZ_15MHZ_PCCRB75#0_SCCRB75#0	94
5.2.30 CA_41C_TM2_HCH_15MHZ_15MHZ_PCCRB0#0_SCCRB1#74	96
5.2.31 CA_41C_TM2_HCH_15MHZ_15MHZ_PCCRB0#0_SCCRB16#59	98
5.2.32 CA_41C_TM2_HCH_15MHZ_15MHZ_PCCRB0#0_SCCRB75#0	100
5.2.33 CA_41C_TM3_LCH_20MHZ_20MHZ_PCCRB100#0_SCCRB100#0	102
5.2.34 CA_41C_TM3_LCH_20MHZ_20MHZ_PCCRB1#0_SCCRB0#0	104
5.2.35 CA_41C_TM3_LCH_20MHZ_20MHZ_PCCRB18#0_SCCRB0#0	106
5.2.36 CA_41C_TM3_LCH_20MHZ_20MHZ_PCCRB100#0_SCCRB0#0	108
5.2.37 CA_41C_TM3_HCH_20MHZ_20MHZ_PCCRB100#0_SCCRB100#0	110
5.2.38 CA_41C_TM3_HCH_20MHZ_20MHZ_PCCRB0#0_SCCRB1#99	112
5.2.39 CA_41C_TM3_HCH_20MHZ_20MHZ_PCCRB0#0_SCCRB18#82	114
5.2.40 CA_41C_TM3_HCH_20MHZ_20MHZ_PCCRB0#0_SCCRB100#0	116
5.2.41 CA_41C_TM3_LCH_15MHZ_15MHZ_PCCRB75#0_SCCRB75#0	118
5.2.42 CA_41C_TM3_LCH_15MHZ_15MHZ_PCCRB1#0_SCCRB0#0	120
5.2.43 CA_41C_TM3_LCH_15MHZ_15MHZ_PCCRB16#0_SCCRB0#0	122
5.2.44 CA_41C_TM3_LCH_15MHZ_15MHZ_PCCRB75#0_SCCRB0#0	124
5.2.45 CA_41C_TM3_HCH_15MHZ_15MHZ_PCCRB75#0_SCCRB75#0	126
5.2.46 CA_41C_TM3_HCH_15MHZ_15MHZ_PCCRB0#0_SCCRB1#74	128
5.2.47 CA_41C_TM3_HCH_15MHZ_15MHZ_PCCRB0#0_SCCRB16#59	130
5.2.48 CA_41C_TM3_HCH_15MHZ_15MHZ_PCCRB0#0_SCCRB75#0	132
<b>6 . APPENDIX F - SPURIOUS EMISSION AT ANTENNA TERMINAL</b>	<b>134</b>

<b>Table of Contents</b>	<b>Page</b>
<b>6.1 TEST RESULTS</b>	<b>134</b>
<b>6.2 TEST PLOTS</b>	<b>140</b>
6.2.1 CA_41C_TM1_LCH_20MHZ_20MHZ_PCCRB100#0_SCCRB100#0	140
6.2.2 CA_41C_TM1_LCH_20MHZ_20MHZ_PCCRB1#0_SCCRB0#0	142
6.2.3 CA_41C_TM1_MCH_20MHZ_20MHZ_PCCRB100#0_SCCRB100#0	144
6.2.4 CA_41C_TM1_MCH_20MHZ_20MHZ_PCCRB1#0_SCCRB0#0	146
6.2.5 CA_41C_TM1_HCH_20MHZ_20MHZ_PCCRB100#0_SCCRB100#0	148
6.2.6 CA_41C_TM1_HCH_20MHZ_20MHZ_PCCRB1#0_SCCRB0#0	150
6.2.7 CA_41C_TM1_LCH_15MHZ_15MHZ_PCCRB75#0_SCCRB75#0	152
6.2.8 CA_41C_TM1_LCH_15MHZ_15MHZ_PCCRB1#0_SCCRB0#0	154
6.2.9 CA_41C_TM1_MCH_15MHZ_15MHZ_PCCRB75#0_SCCRB75#0	156
6.2.10 CA_41C_TM1_MCH_15MHZ_15MHZ_PCCRB1#0_SCCRB0#0	158
6.2.11 CA_41C_TM1_HCH_15MHZ_15MHZ_PCCRB75#0_SCCRB75#0	160
6.2.12 CA_41C_TM1_HCH_15MHZ_15MHZ_PCCRB1#0_SCCRB0#0	162
6.2.13 CA_41C_TM2_LCH_20MHZ_20MHZ_PCCRB100#0_SCCRB100#0	164
6.2.14 CA_41C_TM2_LCH_20MHZ_20MHZ_PCCRB1#0_SCCRB0#0	166
6.2.15 CA_41C_TM2_MCH_20MHZ_20MHZ_PCCRB100#0_SCCRB100#0	168
6.2.16 CA_41C_TM2_MCH_20MHZ_20MHZ_PCCRB1#0_SCCRB0#0	170
6.2.17 CA_41C_TM2_HCH_20MHZ_20MHZ_PCCRB100#0_SCCRB100#0	172
6.2.18 CA_41C_TM2_HCH_20MHZ_20MHZ_PCCRB1#0_SCCRB0#0	174
6.2.19 CA_41C_TM2_LCH_15MHZ_15MHZ_PCCRB75#0_SCCRB75#0	176
6.2.20 CA_41C_TM2_LCH_15MHZ_15MHZ_PCCRB1#0_SCCRB0#0	178
6.2.21 CA_41C_TM2_MCH_15MHZ_15MHZ_PCCRB75#0_SCCRB75#0	180
6.2.22 CA_41C_TM2_MCH_15MHZ_15MHZ_PCCRB1#0_SCCRB0#0	182
6.2.23 CA_41C_TM2_HCH_15MHZ_15MHZ_PCCRB75#0_SCCRB75#0	184
6.2.24 CA_41C_TM2_HCH_15MHZ_15MHZ_PCCRB1#0_SCCRB0#0	186
6.2.25 CA_41C_TM3_LCH_20MHZ_20MHZ_PCCRB100#0_SCCRB100#0	188
6.2.26 CA_41C_TM3_LCH_20MHZ_20MHZ_PCCRB1#0_SCCRB0#0	190
6.2.27 CA_41C_TM3_MCH_20MHZ_20MHZ_PCCRB100#0_SCCRB100#0	192
6.2.28 CA_41C_TM3_MCH_20MHZ_20MHZ_PCCRB1#0_SCCRB0#0	194
6.2.29 CA_41C_TM3_HCH_20MHZ_20MHZ_PCCRB100#0_SCCRB100#0	196
6.2.30 CA_41C_TM3_HCH_20MHZ_20MHZ_PCCRB1#0_SCCRB0#0	198
6.2.31 CA_41C_TM3_LCH_15MHZ_15MHZ_PCCRB75#0_SCCRB75#0	200
6.2.32 CA_41C_TM3_LCH_15MHZ_15MHZ_PCCRB1#0_SCCRB0#0	202
6.2.33 CA_41C_TM3_MCH_15MHZ_15MHZ_PCCRB75#0_SCCRB75#0	204
6.2.34 CA_41C_TM3_MCH_15MHZ_15MHZ_PCCRB1#0_SCCRB0#0	206
6.2.35 CA_41C_TM3_HCH_15MHZ_15MHZ_PCCRB75#0_SCCRB75#0	208
6.2.36 CA_41C_TM3_HCH_15MHZ_15MHZ_PCCRB1#0_SCCRB0#0	210
<b>7 . APPENDIX G - FREQUENCY STABILITY</b>	<b>212</b>
7.1 TEST RESULTS	212
7.1.1 FREQUENCY ERROR VS. VOLTAGE	212
7.1.2 FREQUENCY ERROR VS. TEMPERATURE	214

# 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 (MHz)	Test Channel	PCC_RB	SCC_RB	Modulation	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
CA_41C	TM1	20+20	LCH	RB100#0	RB100#0	QPSK	20.21	22.51	33	PASS
				RB1#0	RB0#0	QPSK	22.43	24.73	33	PASS
				RB18#0	RB0#0	QPSK	22.35	24.65	33	PASS
				RB100#0	RB0#0	QPSK	22.40	24.70	33	PASS
			MCH	RB100#0	RB100#0	QPSK	20.26	22.56	33	PASS
				RB1#0	RB0#0	QPSK	22.66	24.96	33	PASS
				RB18#0	RB0#0	QPSK	22.64	24.94	33	PASS
				RB100#0	RB0#0	QPSK	22.65	24.95	33	PASS
			HCH	RB100#0	RB100#0	QPSK	20.19	22.49	33	PASS
				RB1#0	RB0#0	QPSK	22.49	24.79	33	PASS
				RB18#0	RB0#0	QPSK	22.42	24.72	33	PASS
				RB100#0	RB0#0	QPSK	22.41	24.71	33	PASS
		15+15	LCH	RB75#0	RB75#0	QPSK	20.25	22.55	33	PASS
				RB1#0	RB0#0	QPSK	22.44	24.74	33	PASS
				RB16#0	RB0#0	QPSK	22.39	24.69	33	PASS
				RB75#0	RB0#0	QPSK	22.33	24.63	33	PASS
			MCH	RB75#0	RB75#0	QPSK	20.21	22.51	33	PASS
				RB1#0	RB0#0	QPSK	22.61	24.91	33	PASS
				RB16#0	RB0#0	QPSK	22.59	24.89	33	PASS
				RB75#0	RB0#0	QPSK	22.51	24.81	33	PASS
			HCH	RB75#0	RB75#0	QPSK	20.20	22.50	33	PASS
				RB1#0	RB0#0	QPSK	22.49	24.79	33	PASS
				RB16#0	RB0#0	QPSK	22.51	24.81	33	PASS
				RB75#0	RB0#0	QPSK	22.49	24.79	33	PASS

Effective (Isotropic) Radiated Power of Transmitter										
Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	PCC_RB	SCC_RB	Modulation	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
CA_41C	TM2	20+20	LCH	RB100#0	RB100#0	16QAM	20.19	22.49	33	PASS
				RB1#0	RB0#0	16QAM	22.49	24.79	33	PASS
				RB18#0	RB0#0	16QAM	22.34	24.64	33	PASS
				RB100#0	RB0#0	16QAM	22.39	24.69	33	PASS
			MCH	RB100#0	RB100#0	16QAM	20.25	22.55	33	PASS
				RB1#0	RB0#0	16QAM	22.64	24.94	33	PASS
				RB18#0	RB0#0	16QAM	22.64	24.94	33	PASS
				RB100#0	RB0#0	16QAM	22.65	24.95	33	PASS
			HCH	RB100#0	RB100#0	16QAM	20.16	22.46	33	PASS
				RB1#0	RB0#0	16QAM	22.72	25.02	33	PASS
				RB18#0	RB0#0	16QAM	22.45	24.75	33	PASS
				RB100#0	RB0#0	16QAM	22.85	25.15	33	PASS
		15+15	LCH	RB75#0	RB75#0	16QAM	20.22	22.52	33	PASS
				RB1#0	RB0#0	16QAM	22.40	24.70	33	PASS
				RB16#0	RB0#0	16QAM	22.36	24.66	33	PASS
				RB75#0	RB0#0	16QAM	22.33	24.63	33	PASS
			MCH	RB75#0	RB75#0	16QAM	20.20	22.50	33	PASS
				RB1#0	RB0#0	16QAM	22.60	24.90	33	PASS
				RB16#0	RB0#0	16QAM	22.58	24.88	33	PASS
				RB75#0	RB0#0	16QAM	22.51	24.81	33	PASS
			HCH	RB75#0	RB75#0	16QAM	20.28	22.58	33	PASS
				RB1#0	RB0#0	16QAM	22.89	25.19	33	PASS
				RB16#0	RB0#0	16QAM	22.51	24.81	33	PASS
				RB75#0	RB0#0	16QAM	22.49	24.79	33	PASS

Effective (Isotropic) Radiated Power of Transmitter										
Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	PCC_RB	SCC_RB	Modulation	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
CA_41C	TM3	20+20	LCH	RB100#0	RB100#0	64QAM	20.19	22.49	33	PASS
				RB1#0	RB0#0	64QAM	22.36	24.66	33	PASS
				RB18#0	RB0#0	64QAM	22.35	24.65	33	PASS
				RB100#0	RB0#0	64QAM	22.75	25.05	33	PASS
			MCH	RB100#0	RB100#0	64QAM	20.29	22.59	33	PASS
				RB1#0	RB0#0	64QAM	22.64	24.94	33	PASS
				RB18#0	RB0#0	64QAM	22.65	24.95	33	PASS
				RB100#0	RB0#0	64QAM	22.65	24.95	33	PASS
			HCH	RB100#0	RB100#0	64QAM	20.24	22.54	33	PASS
				RB1#0	RB0#0	64QAM	22.44	24.74	33	PASS
				RB18#0	RB0#0	64QAM	22.44	24.74	33	PASS
				RB100#0	RB0#0	64QAM	22.48	24.78	33	PASS
		15+15	LCH	RB75#0	RB75#0	64QAM	20.20	22.50	33	PASS
				RB1#0	RB0#0	64QAM	22.42	24.72	33	PASS
				RB16#0	RB0#0	64QAM	22.34	24.64	33	PASS
				RB75#0	RB0#0	64QAM	22.32	24.62	33	PASS
			MCH	RB75#0	RB75#0	64QAM	20.21	22.51	33	PASS
				RB1#0	RB0#0	64QAM	22.59	24.89	33	PASS
				RB16#0	RB0#0	64QAM	22.58	24.88	33	PASS
				RB75#0	RB0#0	64QAM	22.51	24.81	33	PASS
			HCH	RB75#0	RB75#0	64QAM	20.25	22.55	33	PASS
				RB1#0	RB0#0	64QAM	22.51	24.81	33	PASS
				RB16#0	RB0#0	64QAM	22.86	25.16	33	PASS
				RB75#0	RB0#0	64QAM	22.49	24.79	33	PASS

## 2. APPENDIX B - PEAK-TO-AVERAGE RATIO

### 2.1 TEST RESULTS

Peak-to-Average Ratio									
Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	PCC_RB	SCC_RB	Modulation	Measured [dB]	Limit [dB]	Verdict
CA_41C	TM1	20+20	LCH	RB100#0	RB100#0	QPSK	4.99	13	PASS
				RB1#0	RB0#0	QPSK	4.84	13	PASS
				RB18#0	RB0#0	QPSK	4.83	13	PASS
				RB100#0	RB0#0	QPSK	4.81	13	PASS
			MCH	RB100#0	RB100#0	QPSK	5.13	13	PASS
				RB1#0	RB0#0	QPSK	5.01	13	PASS
				RB18#0	RB0#0	QPSK	5.00	13	PASS
				RB100#0	RB0#0	QPSK	5.00	13	PASS
			HCH	RB100#0	RB100#0	QPSK	5.30	13	PASS
				RB1#0	RB0#0	QPSK	5.18	13	PASS
				RB18#0	RB0#0	QPSK	5.17	13	PASS
				RB100#0	RB0#0	QPSK	5.16	13	PASS
		15+15	LCH	RB75#0	RB75#0	QPSK	5.22	13	PASS
				RB1#0	RB0#0	QPSK	5.07	13	PASS
				RB16#0	RB0#0	QPSK	5.07	13	PASS
				RB75#0	RB0#0	QPSK	5.06	13	PASS
			MCH	RB75#0	RB75#0	QPSK	5.10	13	PASS
				RB1#0	RB0#0	QPSK	4.92	13	PASS
				RB16#0	RB0#0	QPSK	4.96	13	PASS
				RB75#0	RB0#0	QPSK	4.95	13	PASS
HCH	RB75#0	RB75#0	QPSK	5.17	13	PASS			
	RB1#0	RB0#0	QPSK	5.00	13	PASS			
	RB16#0	RB0#0	QPSK	5.01	13	PASS			
	RB75#0	RB0#0	QPSK	5.00	13	PASS			



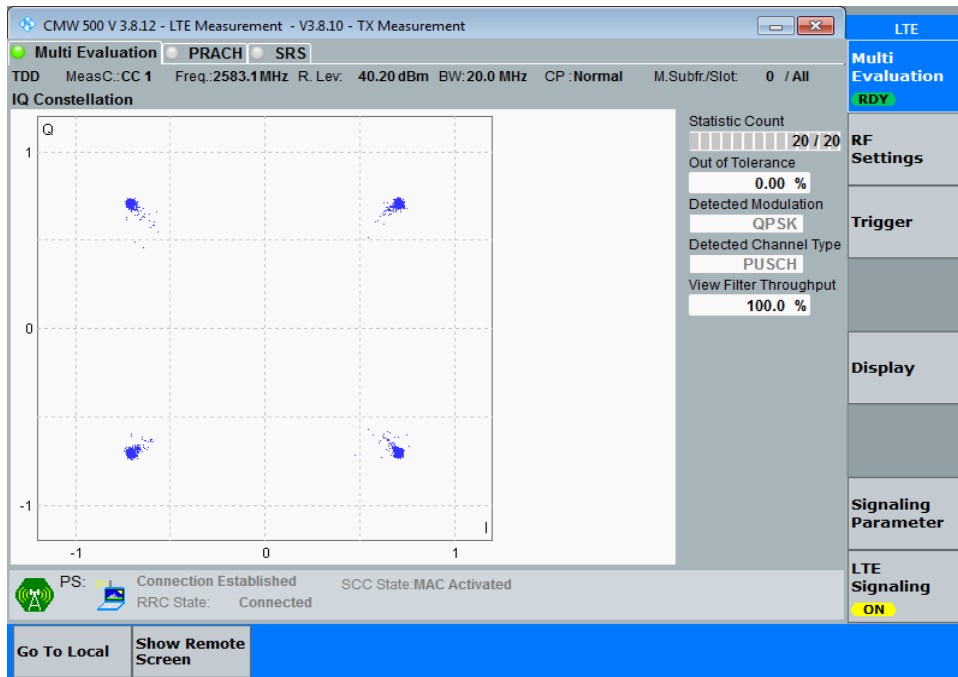
Peak-to-Average Ratio									
Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	PCC_RB	SCC_RB	Modulation	Measured [dB]	Limit [dB]	Verdict
	TM2	20+20	LCH	RB100#0	RB100#0	16QAM	4.99	13	PASS
				RB1#0	RB0#0	16QAM	4.82	13	PASS
				RB18#0	RB0#0	16QAM	4.83	13	PASS
				RB100#0	RB0#0	16QAM	4.82	13	PASS
			MCH	RB100#0	RB100#0	16QAM	5.14	13	PASS
				RB1#0	RB0#0	16QAM	5.00	13	PASS
				RB18#0	RB0#0	16QAM	5.00	13	PASS
				RB100#0	RB0#0	16QAM	5.00	13	PASS
			HCH	RB100#0	RB100#0	16QAM	5.28	13	PASS
				RB1#0	RB0#0	16QAM	5.15	13	PASS
				RB18#0	RB0#0	16QAM	5.16	13	PASS
				RB100#0	RB0#0	16QAM	5.16	13	PASS
		15+15	LCH	RB75#0	RB75#0	16QAM	5.18	13	PASS
				RB1#0	RB0#0	16QAM	5.06	13	PASS
				RB16#0	RB0#0	16QAM	5.06	13	PASS
				RB75#0	RB0#0	16QAM	5.06	13	PASS
			MCH	RB75#0	RB75#0	16QAM	5.10	13	PASS
				RB1#0	RB0#0	16QAM	4.95	13	PASS
				RB16#0	RB0#0	16QAM	4.96	13	PASS
				RB75#0	RB0#0	16QAM	4.95	13	PASS
			HCH	RB75#0	RB75#0	16QAM	5.16	13	PASS
				RB1#0	RB0#0	16QAM	5.01	13	PASS
				RB16#0	RB0#0	16QAM	5.01	13	PASS
				RB75#0	RB0#0	16QAM	5.00	13	PASS

Peak-to-Average Ratio									
Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	PCC_RB	SCC_RB	Modulation	Measured [dB]	Limit [dB]	Verdict
	TM3	20+20	LCH	RB100#0	RB100#0	64QAM	5.00	13	PASS
				RB1#0	RB0#0	64QAM	4.83	13	PASS
				RB18#0	RB0#0	64QAM	4.83	13	PASS
				RB100#0	RB0#0	64QAM	4.78	13	PASS
			MCH	RB100#0	RB100#0	64QAM	5.14	13	PASS
				RB1#0	RB0#0	64QAM	5.01	13	PASS
				RB18#0	RB0#0	64QAM	4.97	13	PASS
				RB100#0	RB0#0	64QAM	5.01	13	PASS
			HCH	RB100#0	RB100#0	64QAM	5.27	13	PASS
				RB1#0	RB0#0	64QAM	5.17	13	PASS
				RB18#0	RB0#0	64QAM	5.17	13	PASS
				RB100#0	RB0#0	64QAM	5.18	13	PASS
		15+15	LCH	RB75#0	RB75#0	64QAM	5.18	13	PASS
				RB1#0	RB0#0	64QAM	5.06	13	PASS
				RB16#0	RB0#0	64QAM	5.07	13	PASS
				RB75#0	RB0#0	64QAM	5.06	13	PASS
			MCH	RB75#0	RB75#0	64QAM	5.10	13	PASS
				RB1#0	RB0#0	64QAM	4.94	13	PASS
				RB16#0	RB0#0	64QAM	4.95	13	PASS
				RB75#0	RB0#0	64QAM	4.95	13	PASS
			HCH	RB75#0	RB75#0	64QAM	5.16	13	PASS
				RB1#0	RB0#0	64QAM	5.00	13	PASS
				RB16#0	RB0#0	64QAM	4.99	13	PASS
				RB75#0	RB0#0	64QAM	4.99	13	PASS

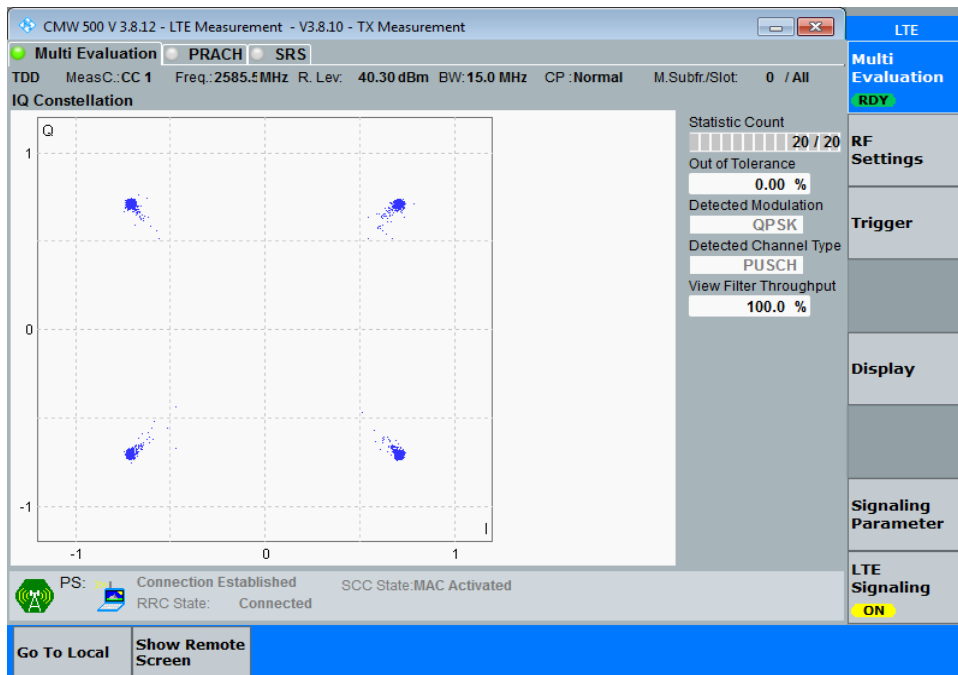
### 3. APPENDIX C - MODULATION CHARACTERISTICS

#### 3.1 TEST PLOTS

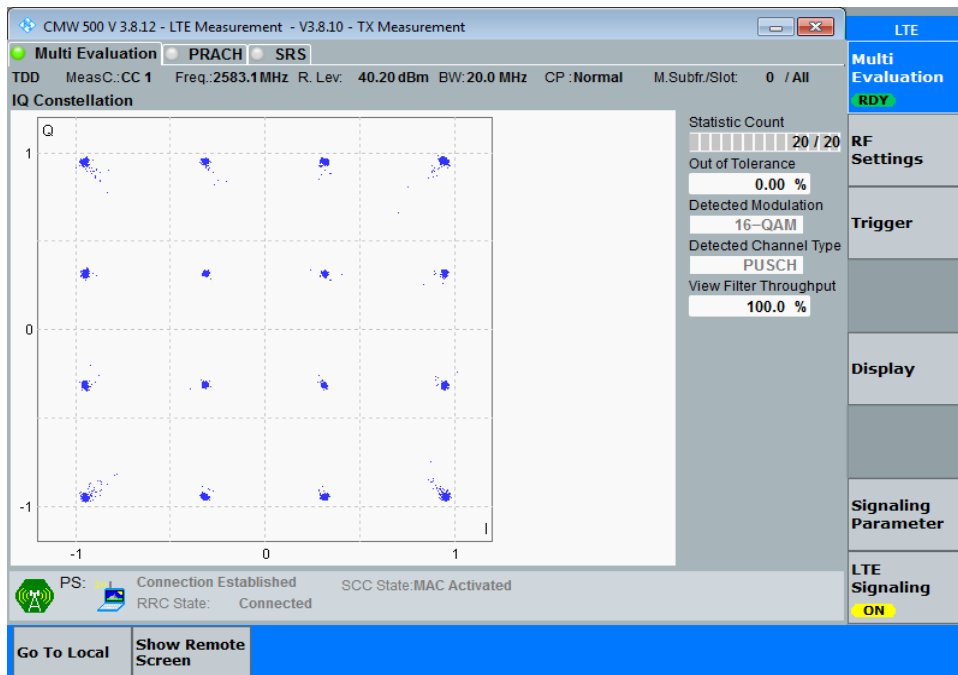
##### 3.1.1 CA\_41C\_TM1\_LCH\_20MHZ\_20MHZ\_PCCRB100#0\_SCCRB100#0



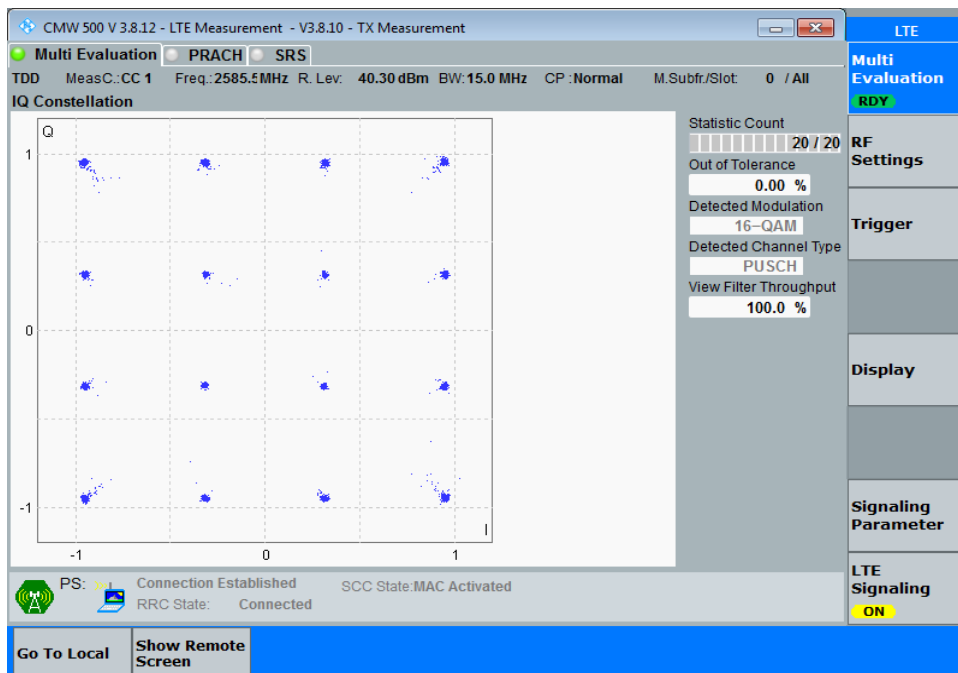
##### 3.1.2 CA\_41C\_TM1\_LCH\_15MHZ\_15MHZ\_PCCRB75#0\_SCCRB75#0



### 3.1.3 CA\_41C\_TM2\_LCH\_20MHZ\_20MHZ\_PCCRB100#0\_SCCRB100#0



### 3.1.4 CA\_41C\_TM2\_LCH\_15MHZ\_15MHZ\_PCCRB75#0\_SCCRB75#0



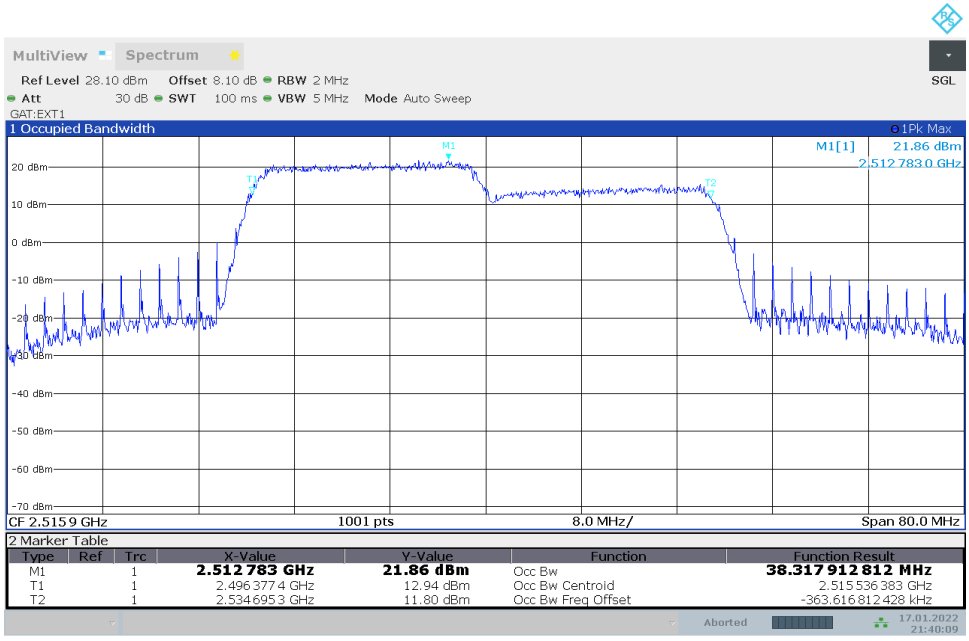
#### 4. APPENDIX D - OCCUPIED BANDWIDTH

##### 4.1 TEST RESULTS

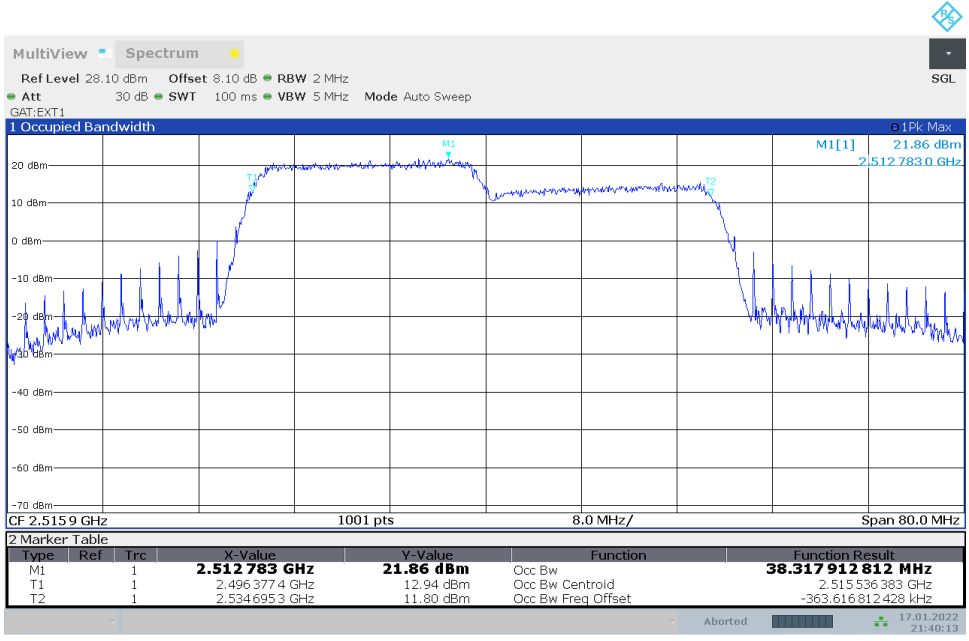
Occupied Bandwidth									
Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	PCC_RB	SCC_RB	Modulation	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
CA_41C	TM1	20+20	LCH	RB100#0	RB100#0	QPSK	38.32	41.88	PASS
			MCH	RB100#0	RB100#0	QPSK	38.26	42.12	PASS
			HCH	RB100#0	RB100#0	QPSK	38.08	41.96	PASS
		15+15	LCH	RB75#0	RB75#0	QPSK	28.40	30.51	PASS
			MCH	RB75#0	RB75#0	QPSK	28.34	30.51	PASS
			HCH	RB75#0	RB75#0	QPSK	28.32	30.51	PASS
	TM2	20+20	LCH	RB100#0	RB100#0	16QAM	38.14	41.80	PASS
			MCH	RB100#0	RB100#0	16QAM	38.12	41.80	PASS
			HCH	RB100#0	RB100#0	16QAM	37.97	41.64	PASS
		15+15	LCH	RB75#0	RB75#0	16QAM	28.35	30.45	PASS
			MCH	RB75#0	RB75#0	16QAM	28.32	30.57	PASS
			HCH	RB75#0	RB75#0	16QAM	28.32	30.39	PASS
	TM3	20+20	LCH	RB100#0	RB100#0	64QAM	38.14	41.80	PASS
			MCH	RB100#0	RB100#0	64QAM	38.12	41.80	PASS
			HCH	RB100#0	RB100#0	64QAM	37.97	41.64	PASS
		15+15	LCH	RB75#0	RB75#0	64QAM	28.36	30.45	PASS
			MCH	RB75#0	RB75#0	64QAM	28.32	30.57	PASS
			HCH	RB75#0	RB75#0	64QAM	28.32	30.39	PASS

## 4.2 TEST PLOTS

### 4.2.1 CA\_41C\_TM1\_LCH\_20MHZ\_20MHZ\_PCCRB100#0\_SCCRB100#0

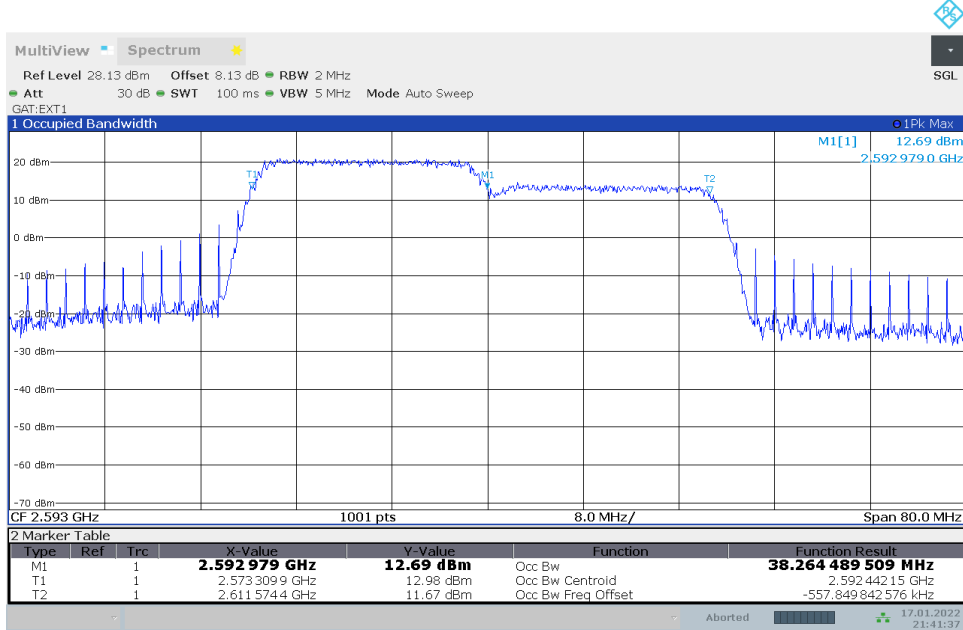


21:40:09 17.01.2022

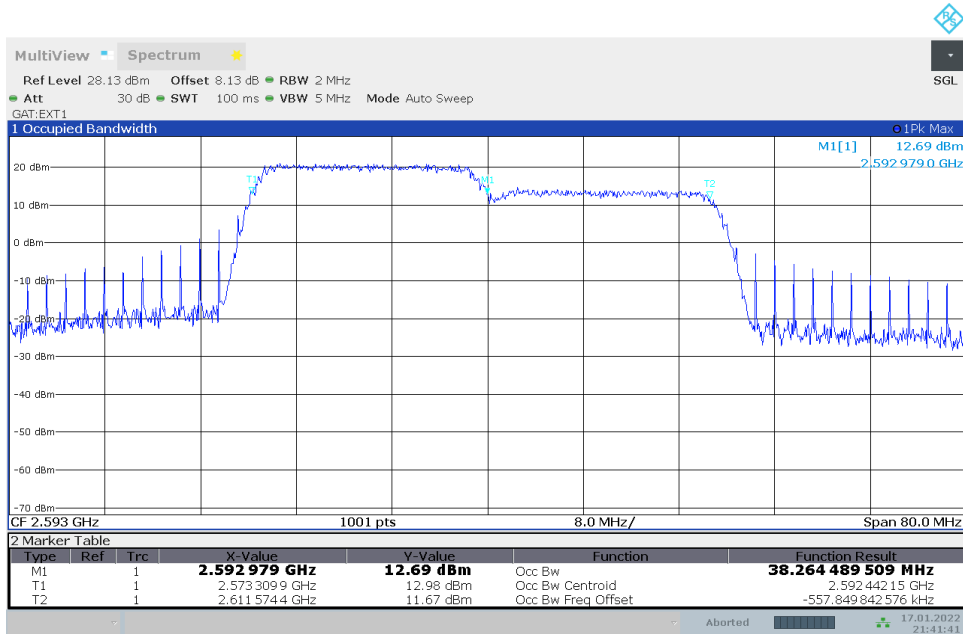


21:40:13 17.01.2022

## 4.2.2 CA\_41C\_TM1\_MCH\_20MHZ\_20MHZ\_PCCRB100#0\_SCCRB100#0

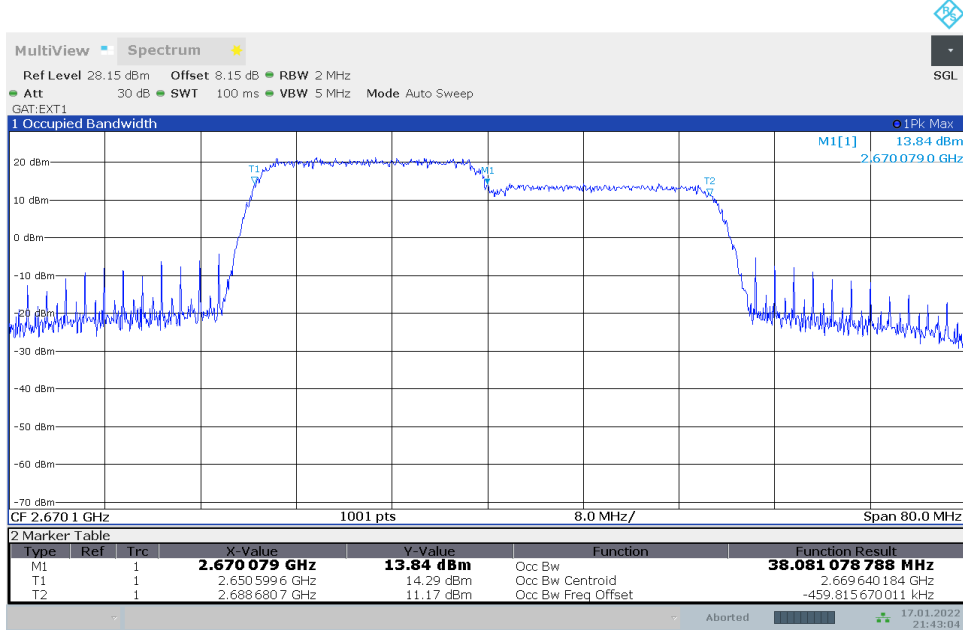


21:41:37 17.01.2022

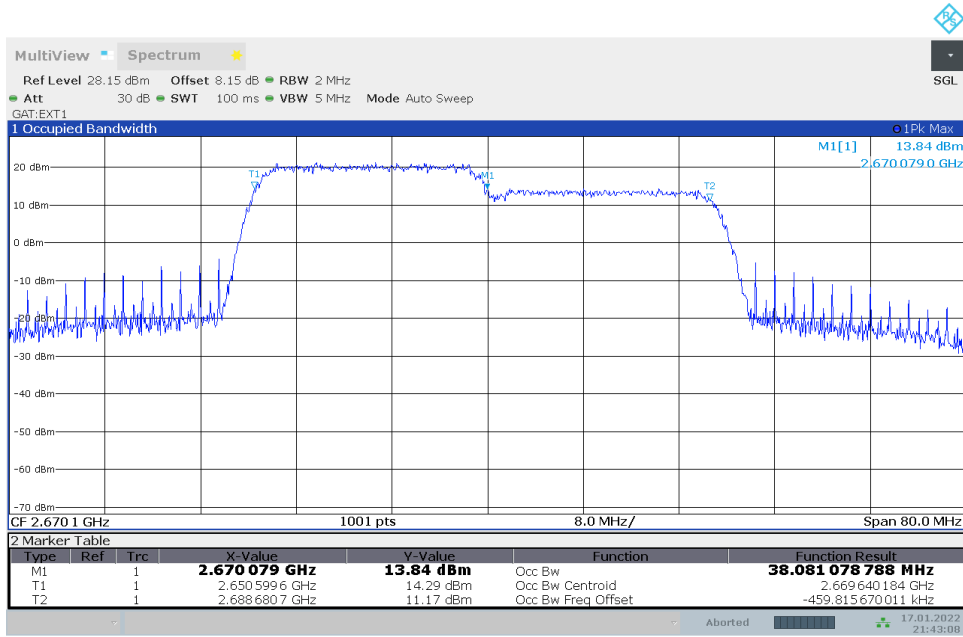


21:41:41 17.01.2022

## 4.2.3 CA\_41C\_TM1\_HCH\_20MHZ\_20MHZ\_PCCRB100#0\_SCCRB100#0



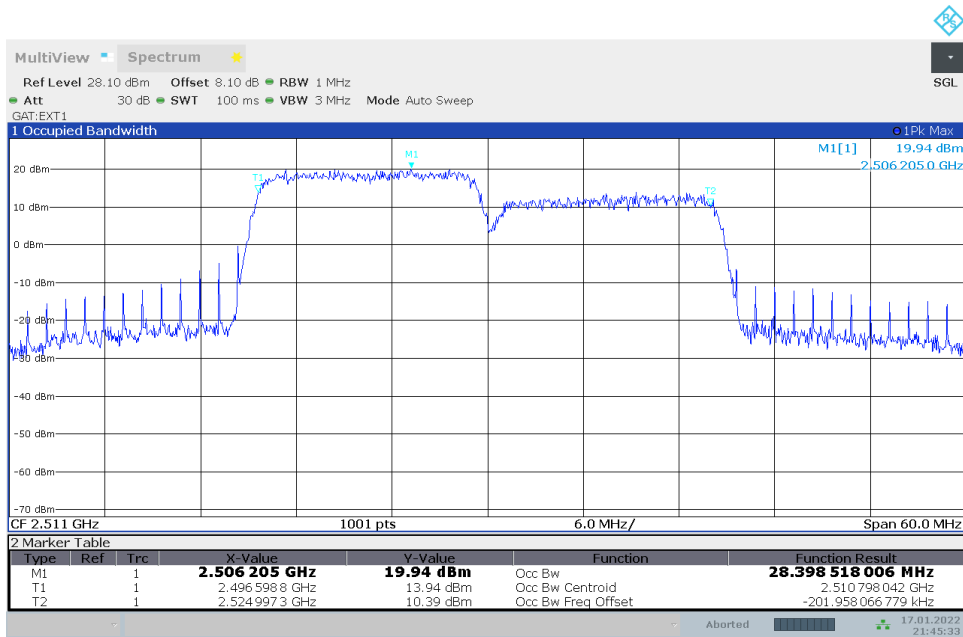
21:43:04 17.01.2022



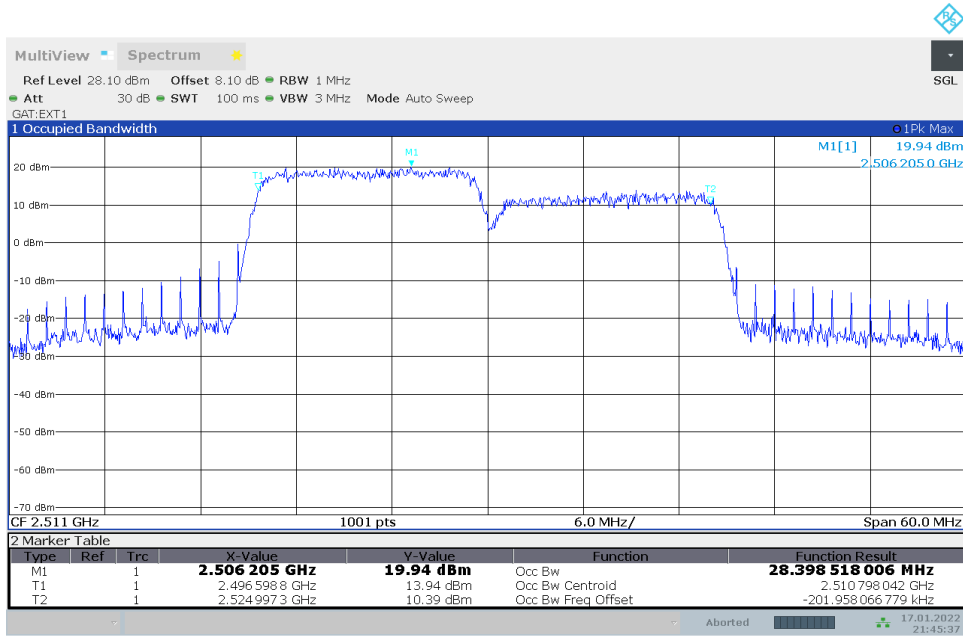
21:43:08 17.01.2022



## 4.2.4 CA\_41C\_TM1\_LCH\_15MHZ\_15MHZ\_PCCRB75#0\_SCCRB75#0

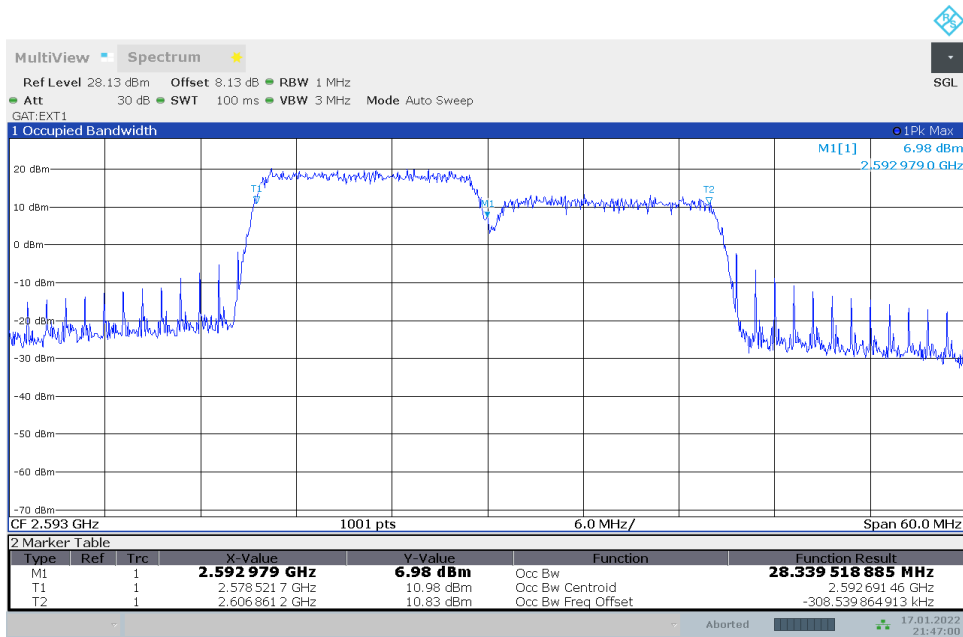


21:45:33 17.01.2022

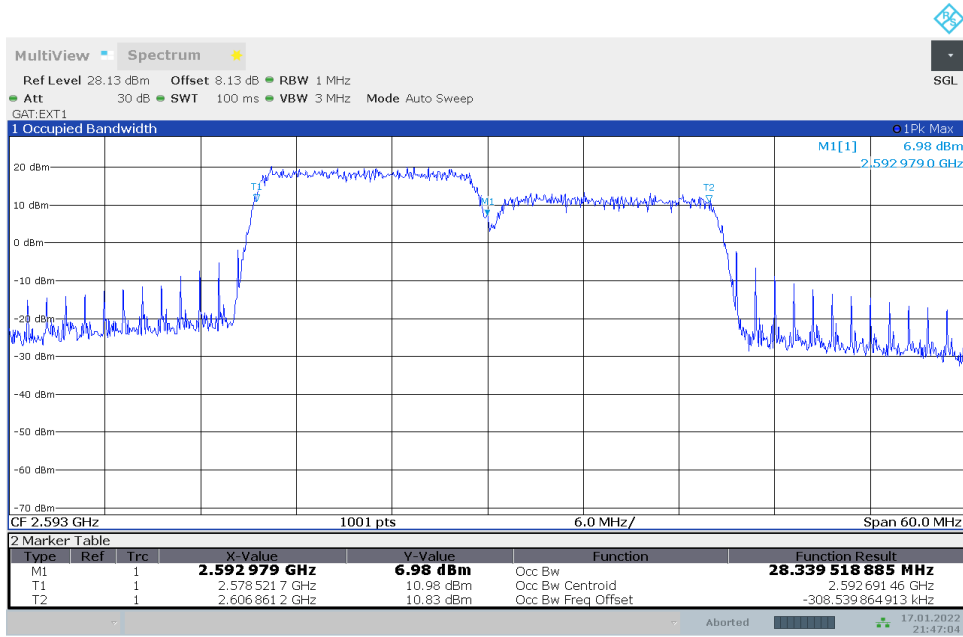


21:45:37 17.01.2022

## 4.2.5 CA\_41C\_TM1\_MCH\_15MHZ\_15MHZ\_PCCRB75#0\_SCCRB75#0

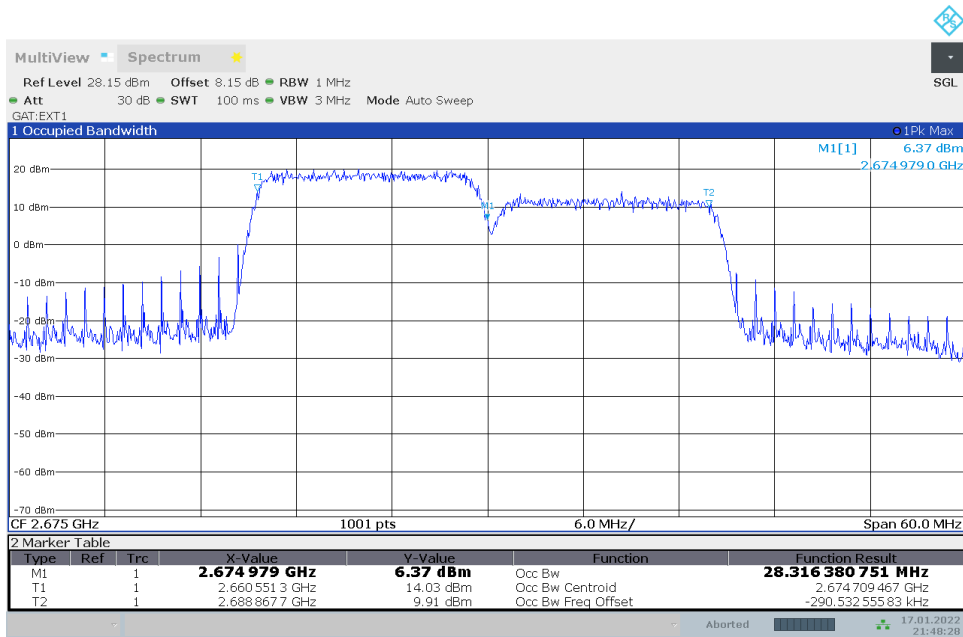


21:47:00 17.01.2022

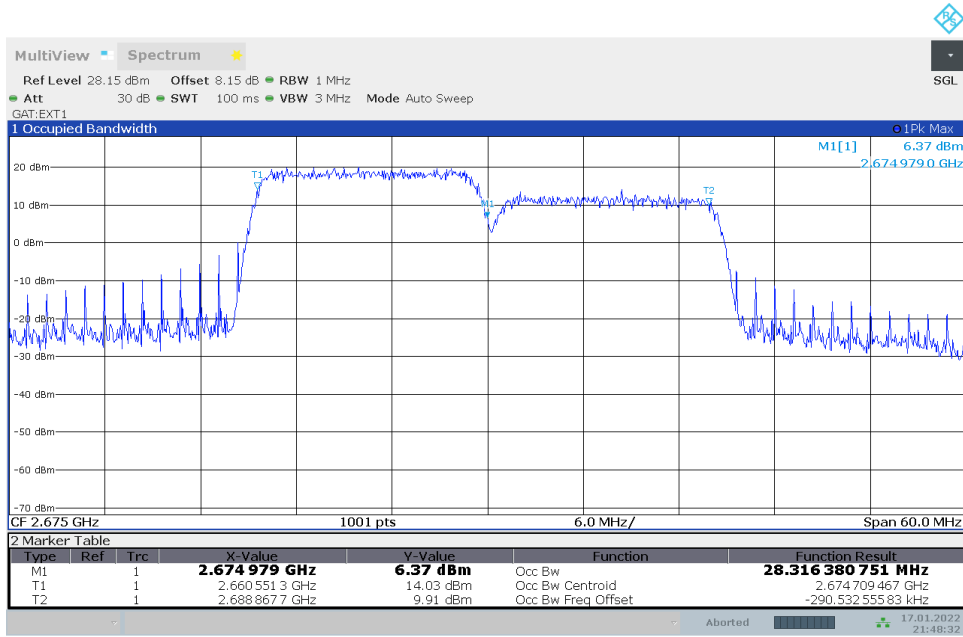


21:47:05 17.01.2022

## 4.2.6 CA\_41C\_TM1\_HCH\_15MHZ\_15MHZ\_PCCRB75#0\_SCCRB75#0

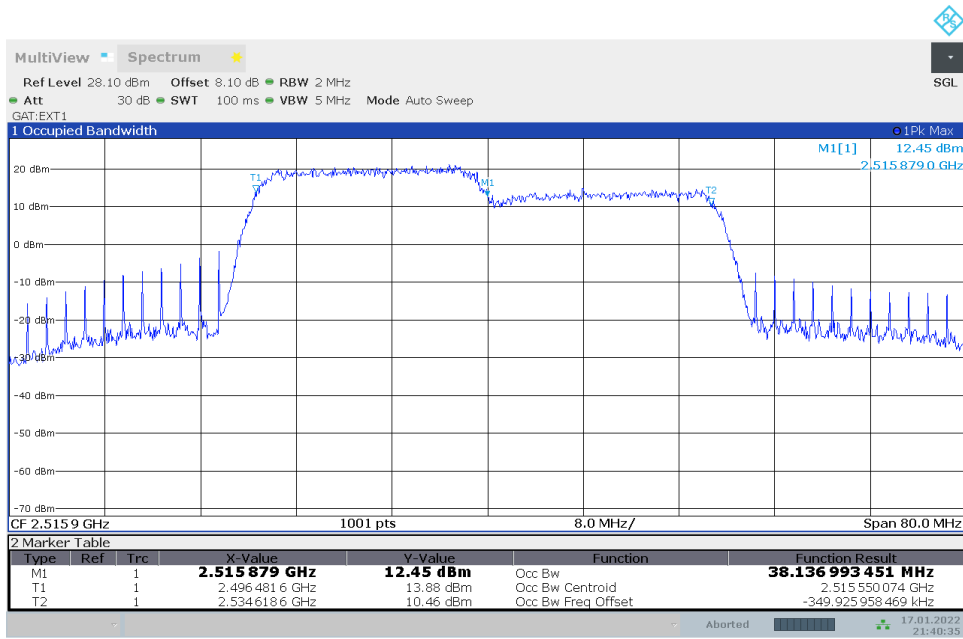


21:48:28 17.01.2022

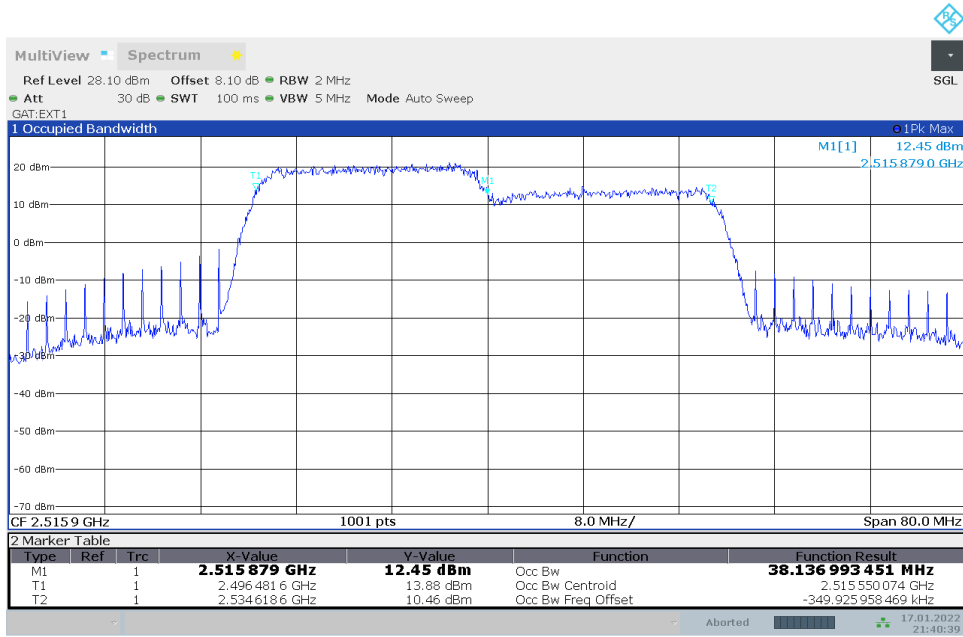


21:48:32 17.01.2022

## 4.2.7 CA\_41C\_TM2\_LCH\_20MHZ\_20MHZ\_PCCRB100#0\_SCCRB100#0

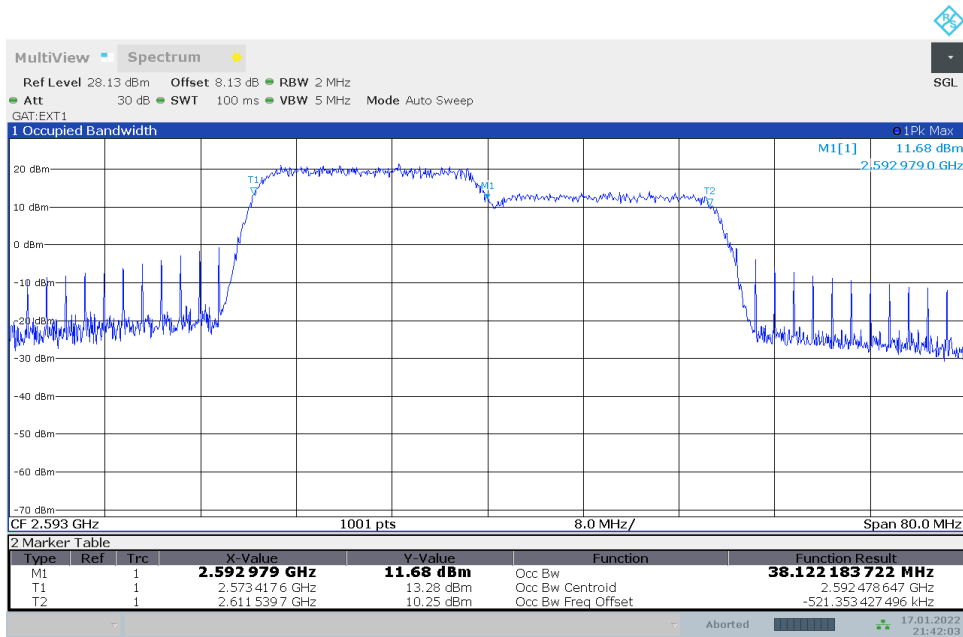


21:40:35 17.01.2022

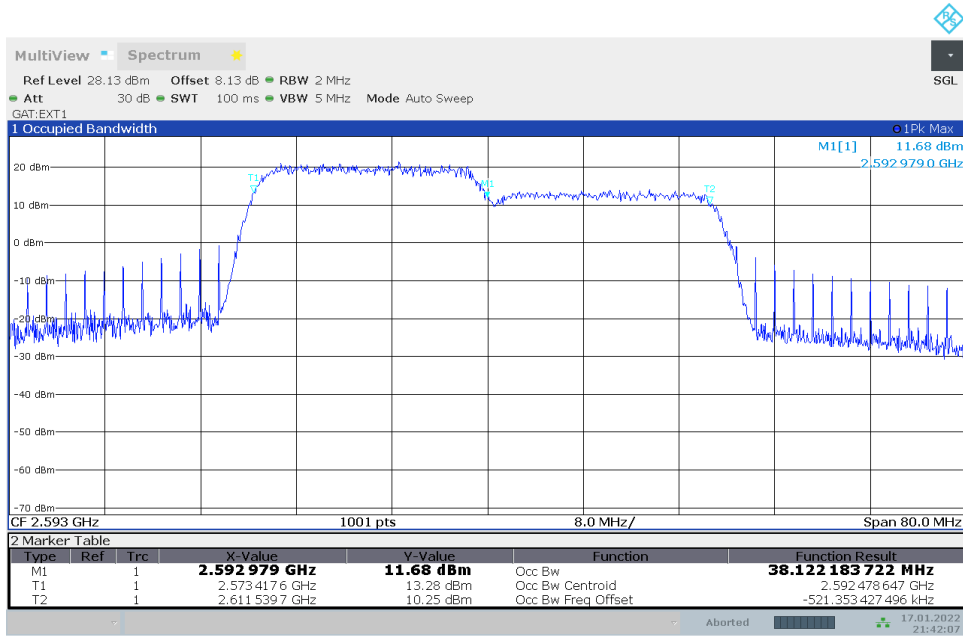


21:40:39 17.01.2022

## 4.2.8 CA\_41C\_TM2\_MCH\_20MHZ\_20MHZ\_PCCRB100#0\_SCCRB100#0

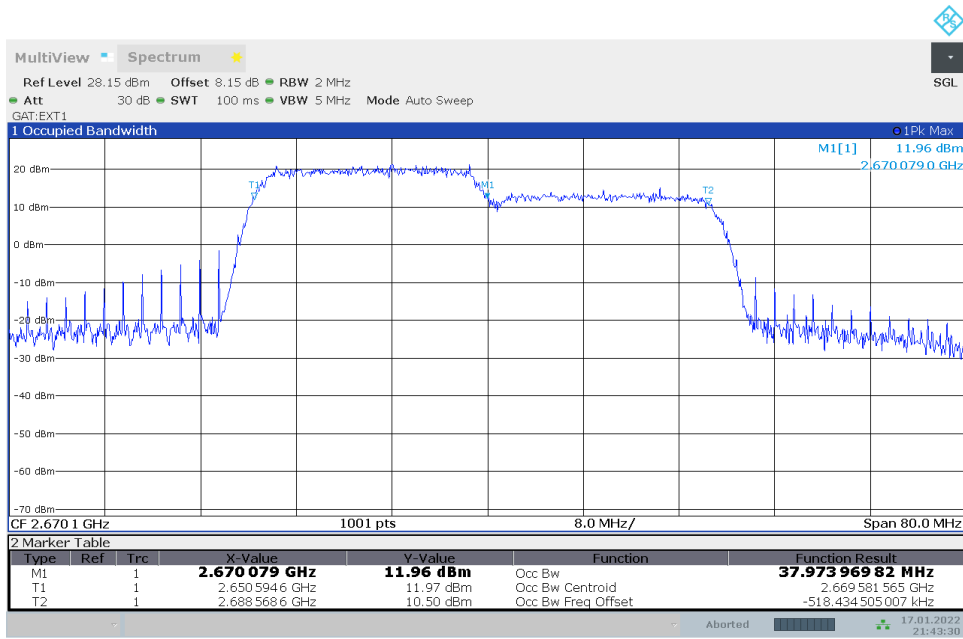


21:42:03 17.01.2022

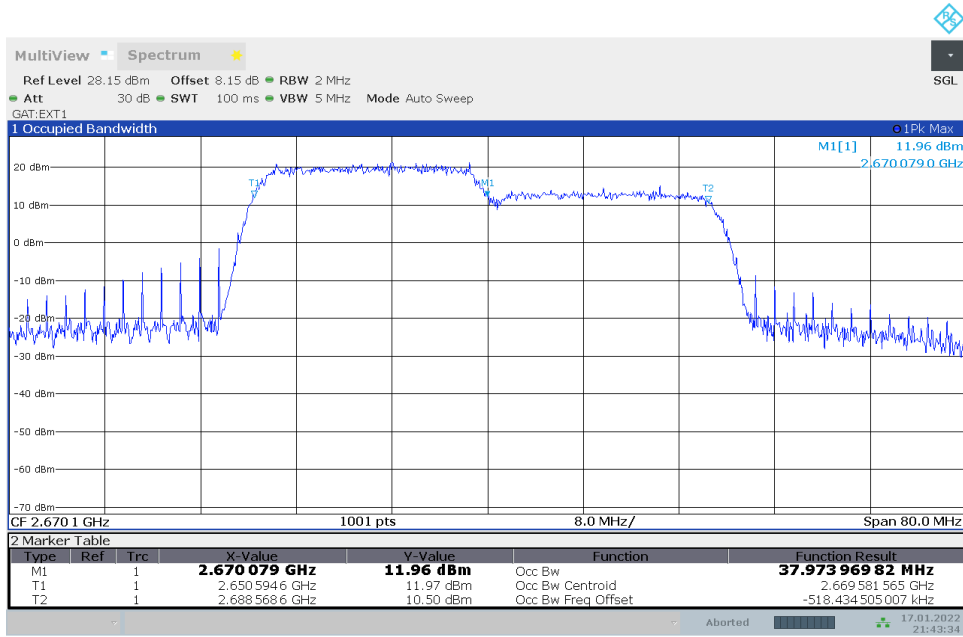


21:42:07 17.01.2022

## 4.2.9 CA\_41C\_TM2\_HCH\_20MHZ\_20MHZ\_PCCRB100#0\_SCCRB100#0

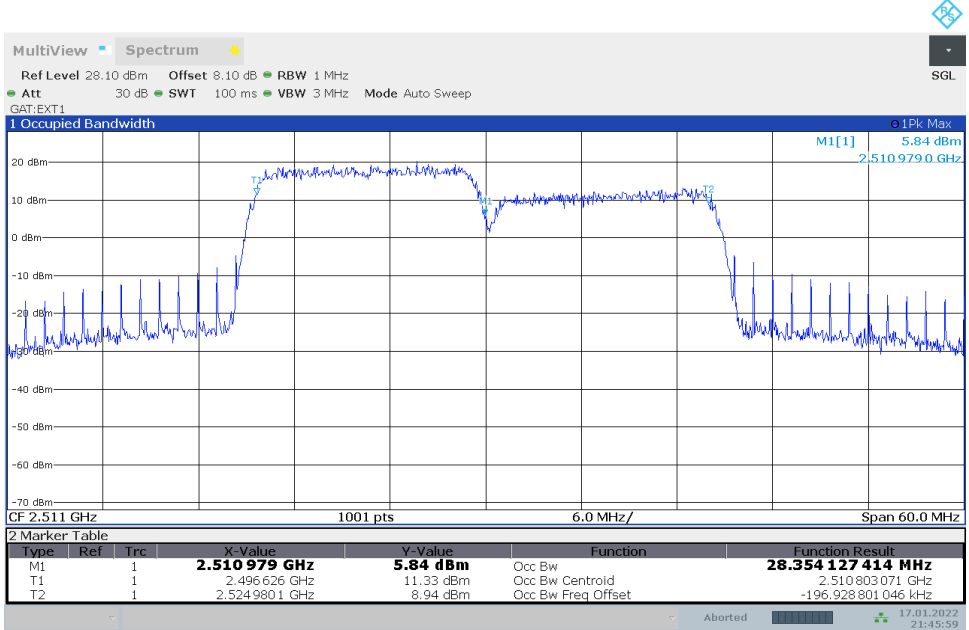


21:43:30 17.01.2022

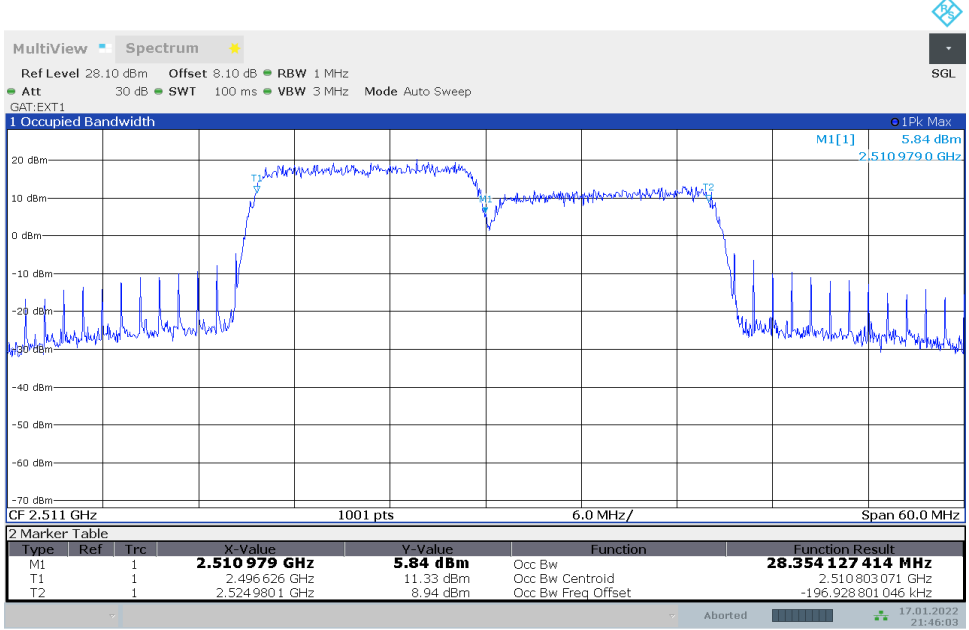


21:43:34 17.01.2022

## 4.2.10 CA\_41C\_TM2\_LCH\_15MHZ\_15MHZ\_PCCRB75#0\_SCCRB75#0

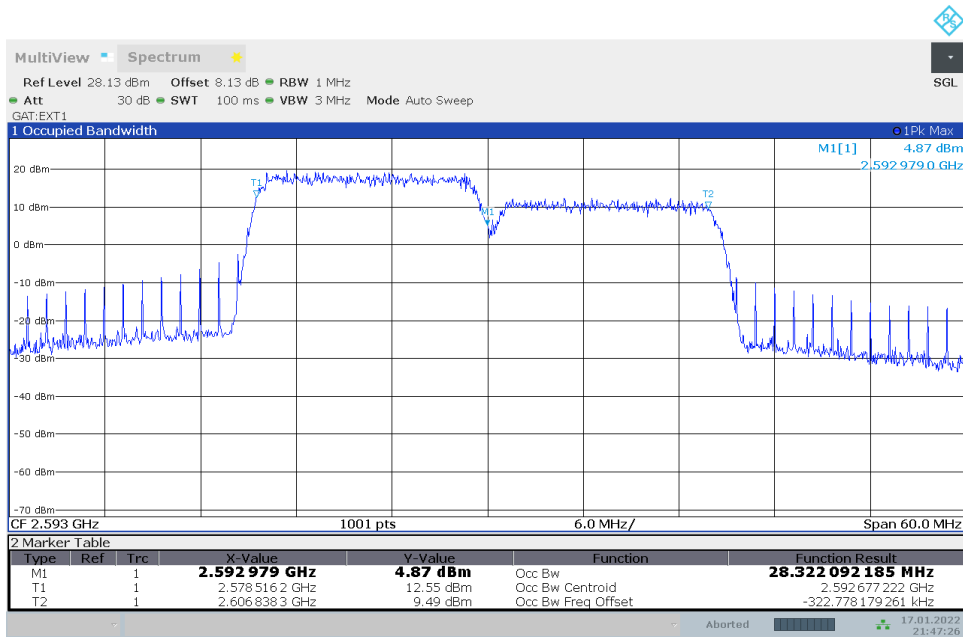


21:45:59 17.01.2022

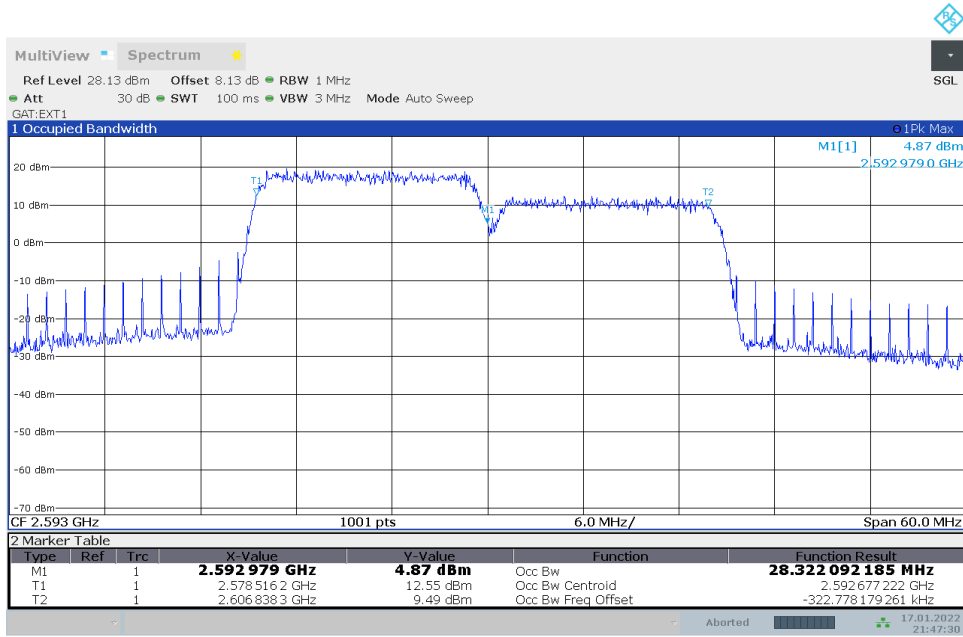


21:46:03 17.01.2022

## 4.2.11 CA\_41C\_TM2\_MCH\_15MHZ\_15MHZ\_PCCRB75#0\_SCCRB75#0



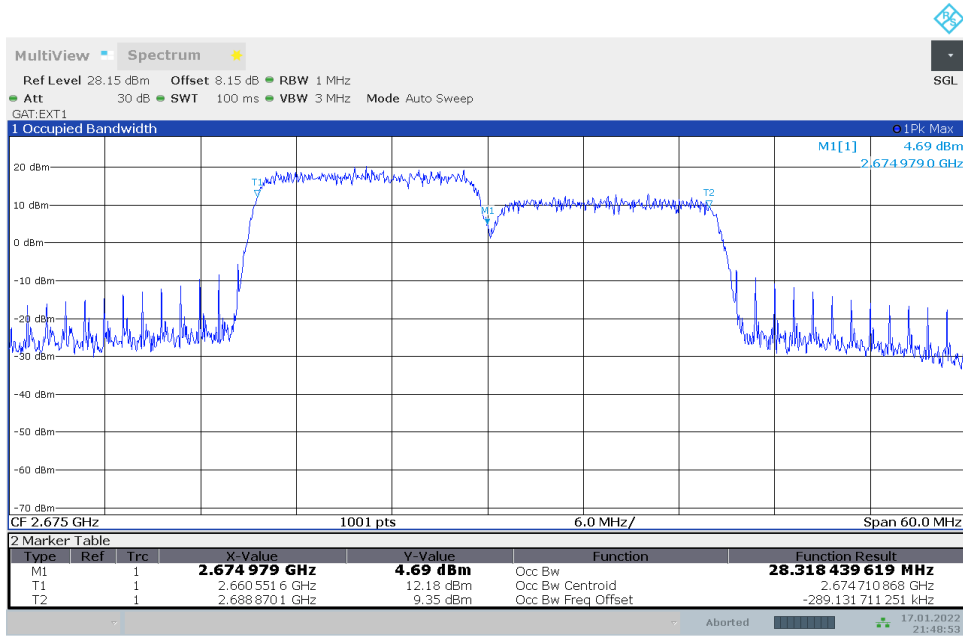
21:47:26 17.01.2022



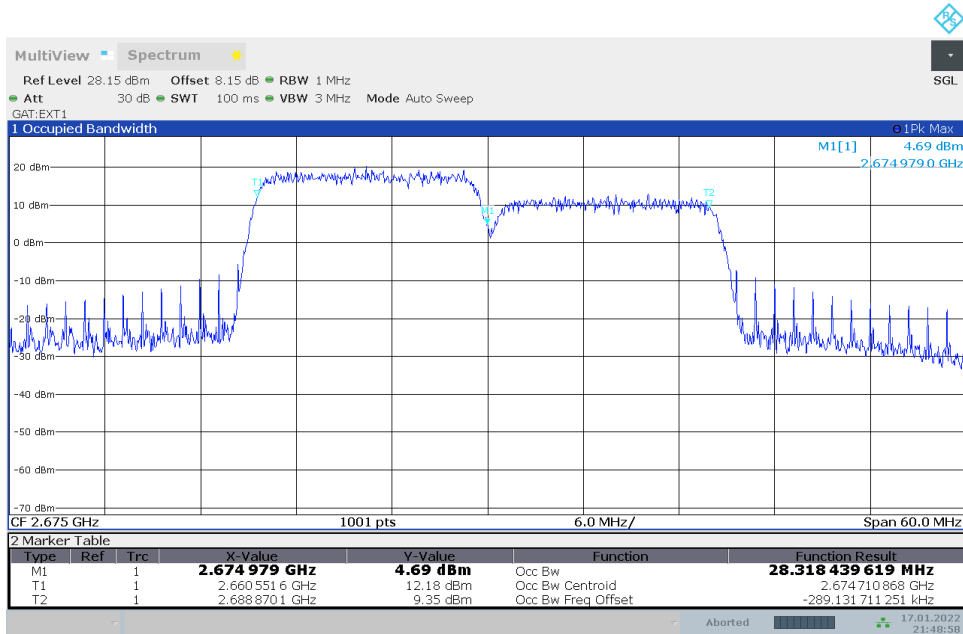
21:47:30 17.01.2022



## 4.2.12 CA\_41C\_TM2\_HCH\_15MHZ\_15MHZ\_PCCRB75#0\_SCCRB75#0

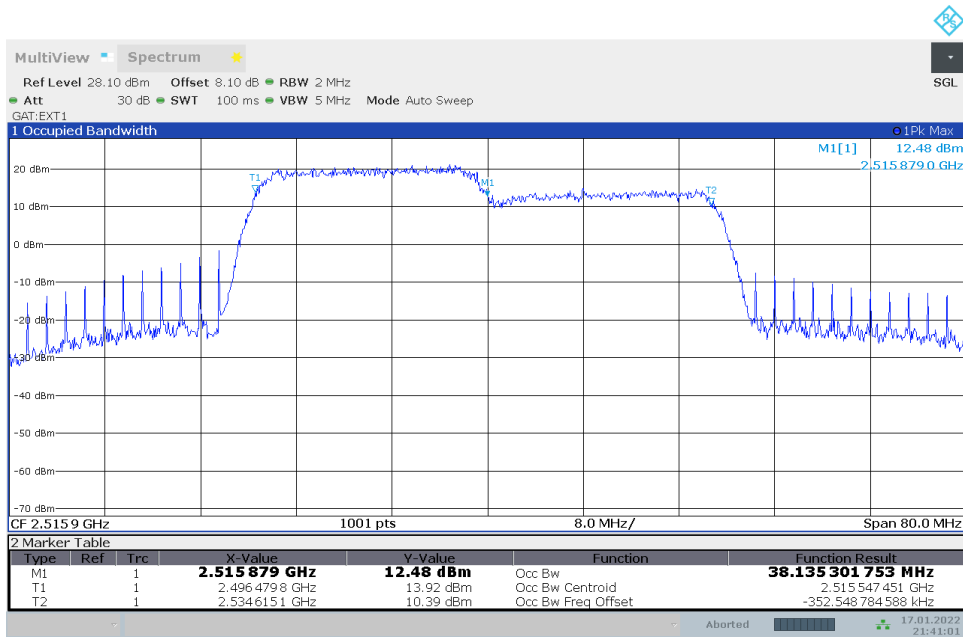


21:48:54 17.01.2022

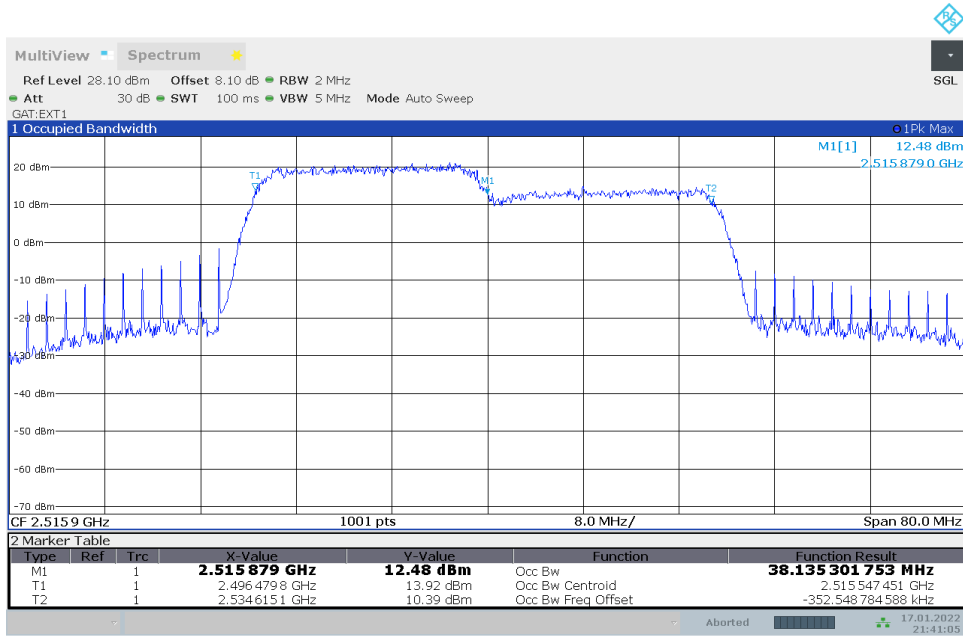


21:48:58 17.01.2022

## 4.2.13 CA\_41C\_TM3\_LCH\_20MHZ\_20MHZ\_PCCRB100#0\_SCCRB100#0

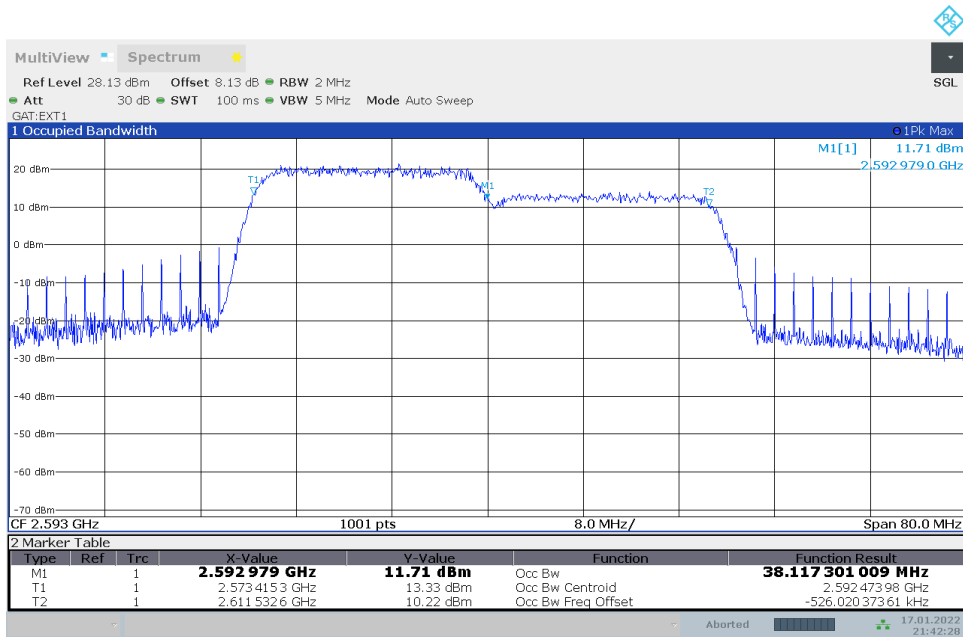


21:41:01 17.01.2022

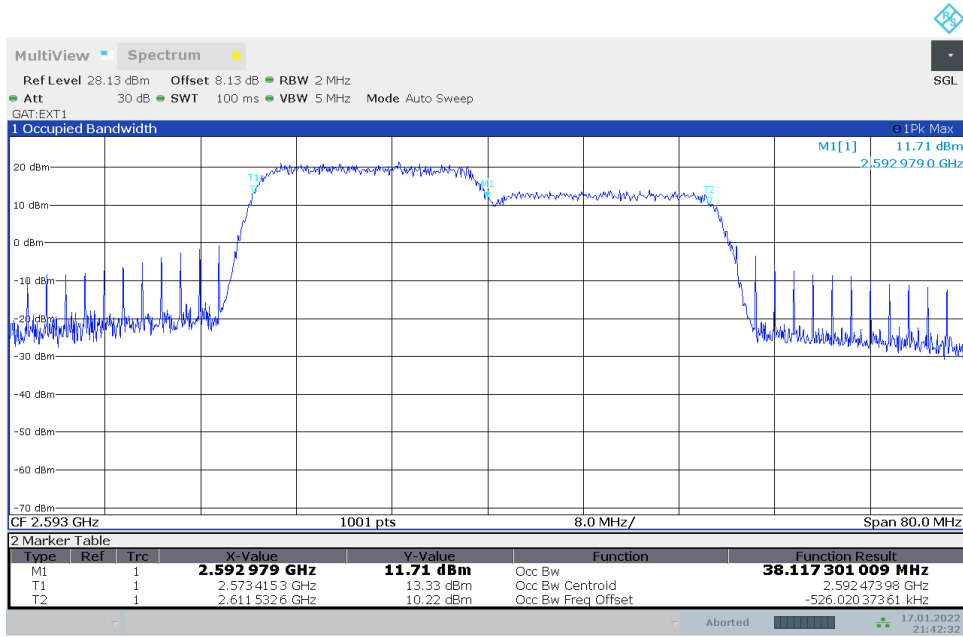


21:41:05 17.01.2022

## 4.2.14 CA\_41C\_TM3\_MCH\_20MHZ\_20MHZ\_PCCRB100#0\_SCCRB100#0

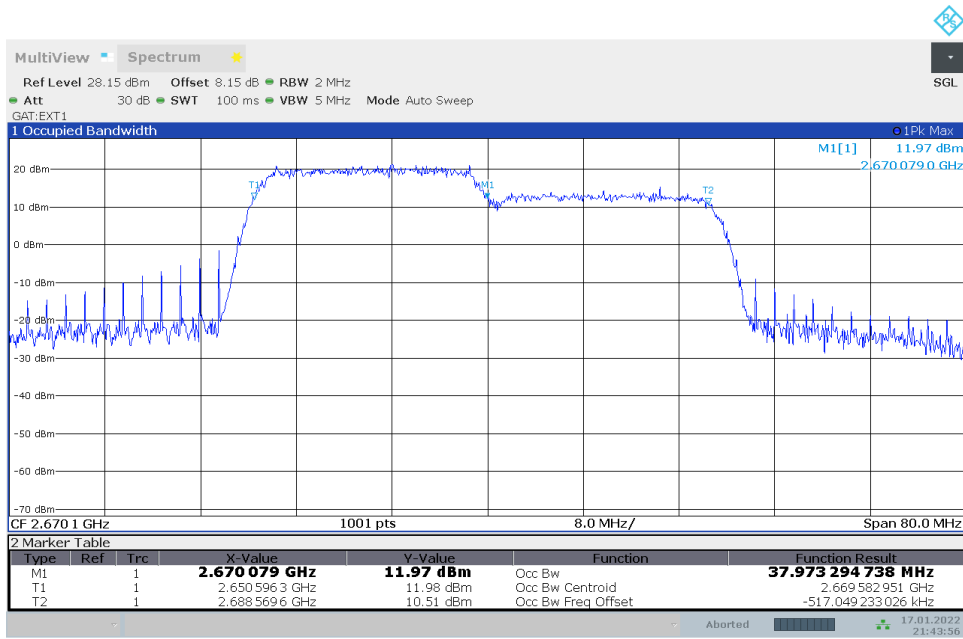


21:42:29 17.01.2022

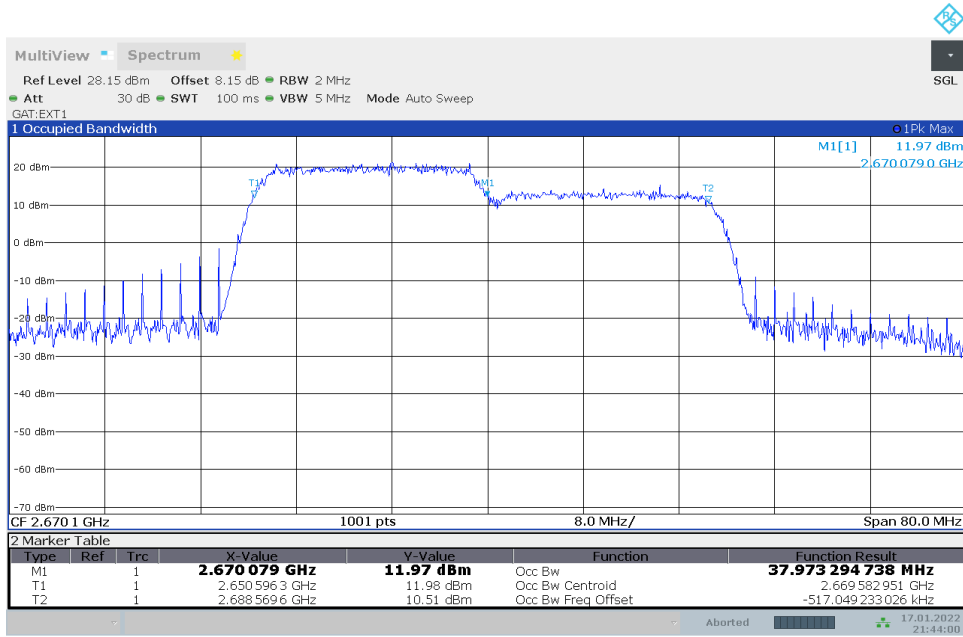


21:42:33 17.01.2022

## 4.2.15 CA\_41C\_TM3\_HCH\_20MHZ\_20MHZ\_PCCRB100#0\_SCCRB100#0

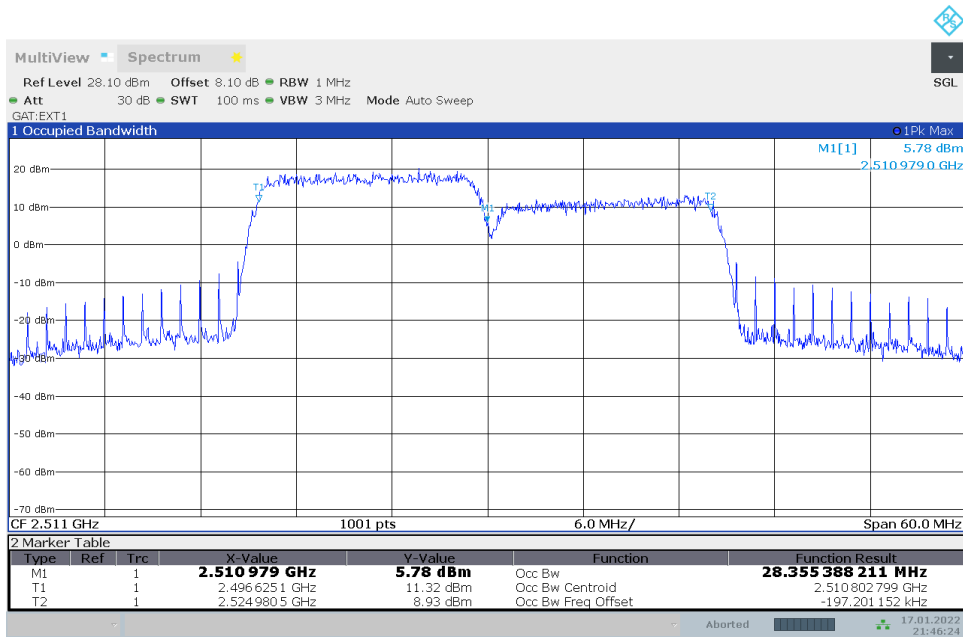


21:43:56 17.01.2022

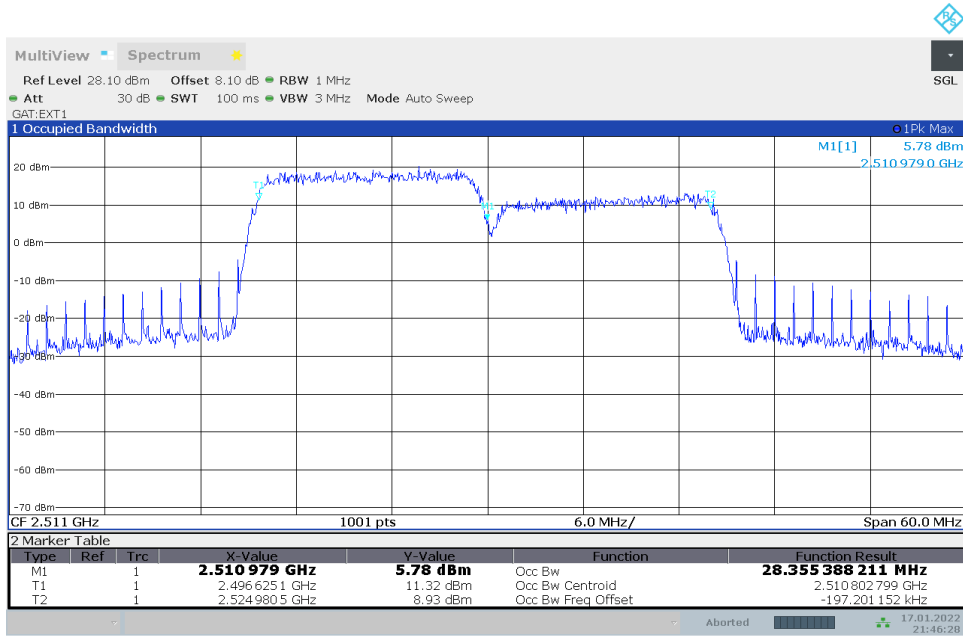


21:44:00 17.01.2022

## 4.2.16 CA\_41C\_TM3\_LCH\_15MHZ\_15MHZ\_PCCRB75#0\_SCCRB75#0

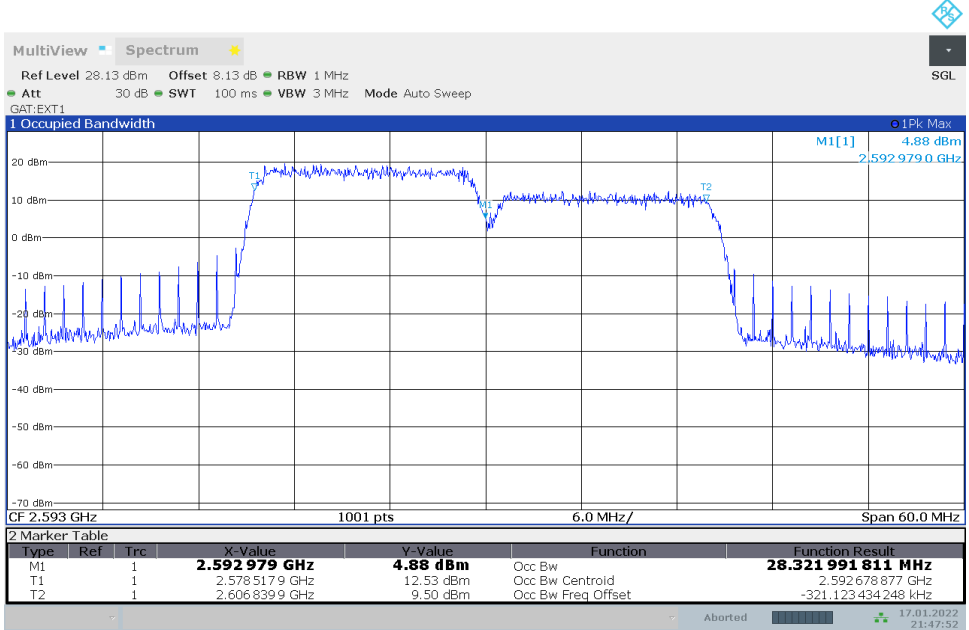


21:46:25 17.01.2022

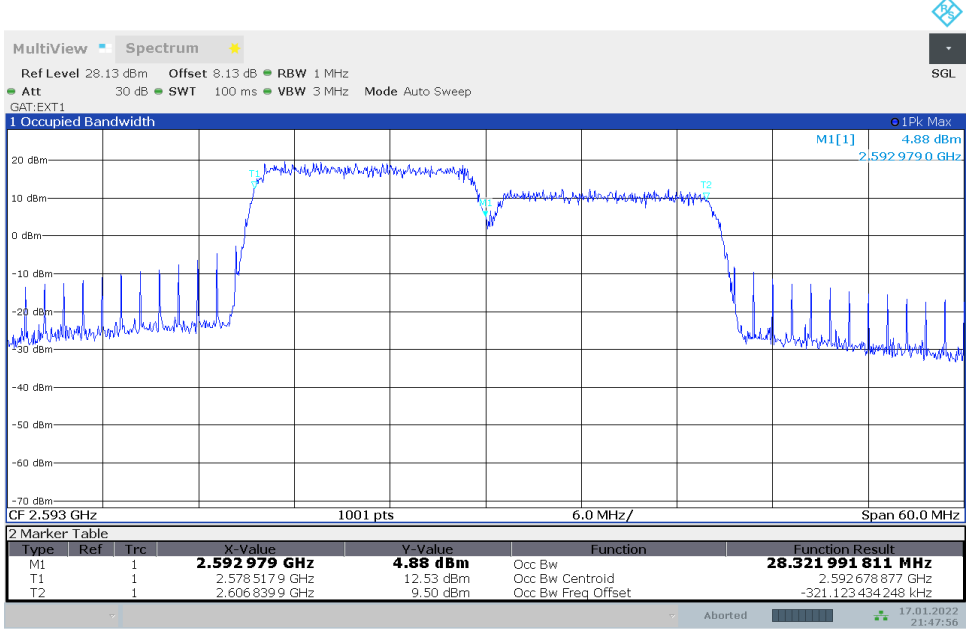


21:46:29 17.01.2022

## 4.2.17 CA\_41C\_TM3\_MCH\_15MHZ\_15MHZ\_PCCRB75#0\_SCCRB75#0

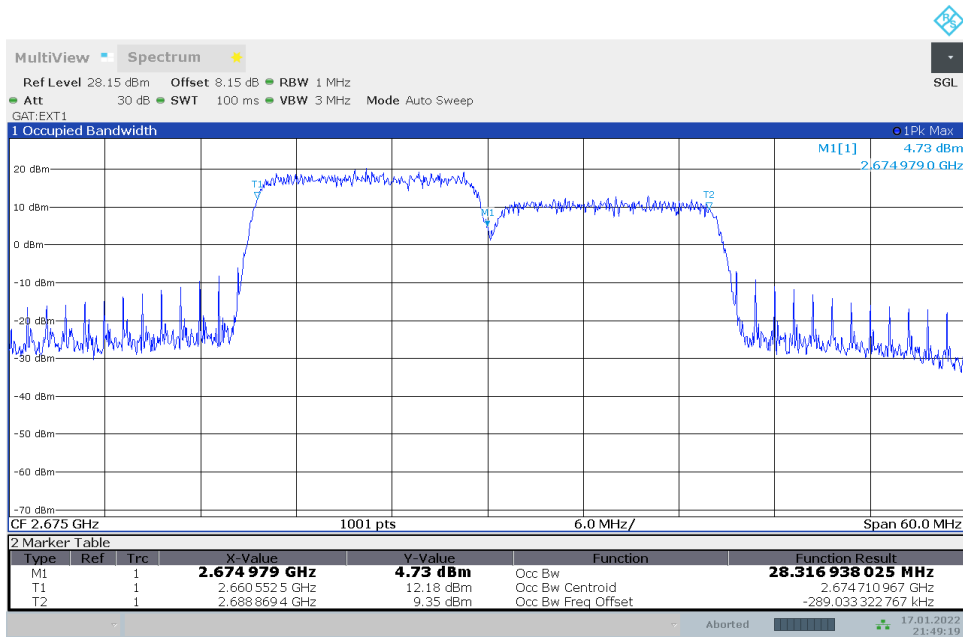


21:47:52 17.01.2022

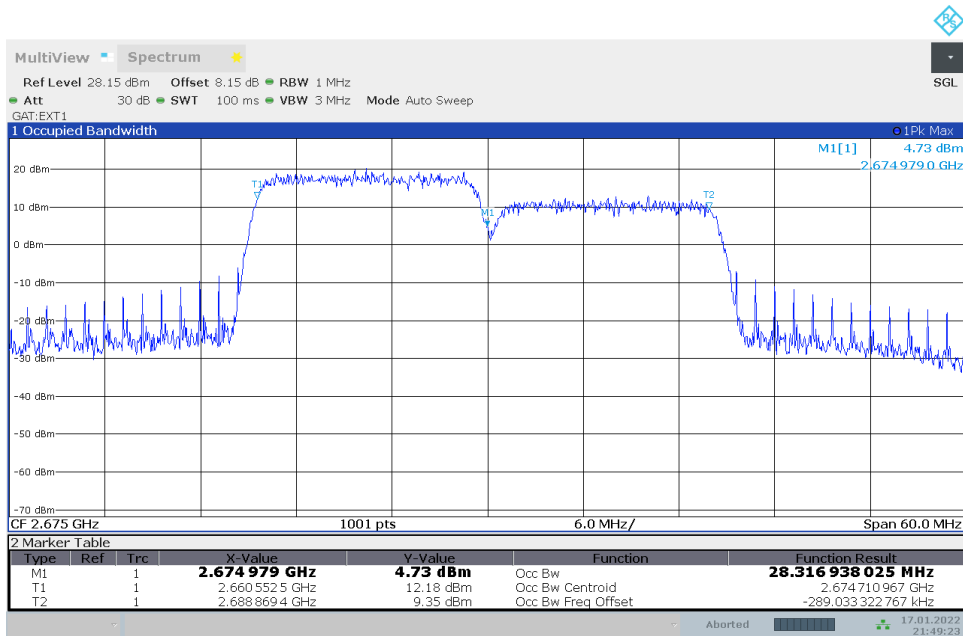


21:47:56 17.01.2022

## 4.2.18 CA\_41C\_TM3\_HCH\_15MHZ\_15MHZ\_PCCRB75#0\_SCCRB75#0



21:49:20 17.01.2022



21:49:24 17.01.2022

## 5. APPENDIX E - BAND EDGES COMPLIANCE

### 5.1 TEST RESULT

Band Edges Compliance										
Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	PCC_RB	SCC_RB	Modulation	Frequency [MHz]	Power [dBm]	Limit [dBm]	Verdict
CA_41C	TM1	20+20	LCH	RB100#0	RB100#0	QPSK	2490.48	-38.71	-25	PASS
				RB100#0	RB100#0	QPSK	2494.49	-30.00	-13	PASS
				RB100#0	RB100#0	QPSK	2496	-26.72	-10	PASS
				RB1#0	RB0#0	QPSK	2490.21	-36.28	-25	PASS
				RB1#0	RB0#0	QPSK	2494.49	-26.54	-13	PASS
				RB1#0	RB0#0	QPSK	2496	-23.88	-10	PASS
				RB18#0	RB0#0	QPSK	2490.48	-36.41	-25	PASS
				RB18#0	RB0#0	QPSK	2494.42	-26.59	-13	PASS
				RB18#0	RB0#0	QPSK	2496	-23.75	-10	PASS
				RB100#0	RB0#0	QPSK	2490.48	-35.59	-25	PASS
				RB100#0	RB0#0	QPSK	2494.48	-25.68	-13	PASS
			RB100#0	RB0#0	QPSK	2495.985	-23.16	-10	PASS	
			HCH	RB100#0	RB100#0	QPSK	2690.06	-50.00	-10	PASS
				RB100#0	RB100#0	QPSK	2691.61	-48.81	-10	PASS
				RB100#0	RB100#0	QPSK	2695.26	-51.67	-13	PASS
				RB0#0	RB1#99	QPSK	2690.075	-55.03	-10	PASS
				RB0#0	RB1#99	QPSK	2691.54	-52.62	-10	PASS
				RB0#0	RB1#99	QPSK	2695.19	-54.18	-13	PASS
				RB0#0	RB18#82	QPSK	2690	-48.96	-10	PASS
				RB0#0	RB18#82	QPSK	2691.59	-48.86	-10	PASS
				RB0#0	RB18#82	QPSK	2696.94	-52.65	-13	PASS
				RB0#0	RB100#0	QPSK	2690.095	-50.26	-10	PASS
RB0#0	RB100#0	QPSK		2691.54	-48.80	-10	PASS			
RB0#0	RB100#0	QPSK	2695.68	-51.37	-13	PASS				



Band Edges Compliance										
Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	PCC_RB	SCC_RB	Modulation	Frequency [MHz]	Power [dBm]	Limit [dBm]	Verdict
CA_41C	TM1	15+15	LCH	RB75#0	RB75#0	QPSK	2483.73	-35.38	-25	PASS
				RB75#0	RB75#0	QPSK	2494.47	-31.38	-13	PASS
				RB75#0	RB75#0	QPSK	2495.98	-30.71	-10	PASS
				RB1#0	RB0#0	QPSK	2490.24	-38.70	-25	PASS
				RB1#0	RB0#0	QPSK	2494.49	-27.27	-13	PASS
				RB1#0	RB0#0	QPSK	2496	-26.88	-10	PASS
				RB16#0	RB0#0	QPSK	2490.05	-38.43	-25	PASS
				RB16#0	RB0#0	QPSK	2494.49	-27.33	-13	PASS
				RB16#0	RB0#0	QPSK	2495.985	-27.19	-10	PASS
				RB75#0	RB0#0	QPSK	2490.49	-38.74	-25	PASS
				RB75#0	RB0#0	QPSK	2494.44	-27.37	-13	PASS
				RB75#0	RB0#0	QPSK	2496	-26.95	-10	PASS
			HCH	RB75#0	RB75#0	QPSK	2690.02	-50.05	-10	PASS
				RB75#0	RB75#0	QPSK	2691.9	-47.15	-10	PASS
				RB75#0	RB75#0	QPSK	2695.19	-49.98	-13	PASS
				RB0#0	RB1#74	QPSK	2690	-55.37	-10	PASS
				RB0#0	RB1#74	QPSK	2691.53	-50.47	-10	PASS
				RB0#0	RB1#74	QPSK	2695.34	-52.72	-13	PASS
				RB0#0	RB16#59	QPSK	2690	-49.02	-10	PASS
				RB0#0	RB16#59	QPSK	2691.7	-47.09	-10	PASS
				RB0#0	RB16#59	QPSK	2695.34	-50.67	-13	PASS
				RB0#0	RB75#0	QPSK	2690.02	-50.08	-10	PASS
RB0#0	RB75#0	QPSK	2691.52	-46.98	-10	PASS				
RB0#0	RB75#0	QPSK	2695.04	-49.93	-13	PASS				

Band Edges Compliance										
Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	PCC_RB	SCC_RB	Modulation	Frequency [MHz]	Power [dBm]	Limit [dBm]	Verdict
CA_41C	TM2	20+20	LCH	RB100#0	RB100#0	16QAM	2490.34	-38.69	-25	PASS
				RB100#0	RB100#0	16QAM	2494.48	-29.95	-13	PASS
				RB100#0	RB100#0	16QAM	2496	-26.73	-10	PASS
				RB1#0	RB0#0	16QAM	2490.21	-35.86	-25	PASS
				RB1#0	RB0#0	16QAM	2494.49	-25.70	-13	PASS
				RB1#0	RB0#0	16QAM	2496	-23.79	-10	PASS
				RB18#0	RB0#0	16QAM	2490.41	-36.44	-25	PASS
				RB18#0	RB0#0	16QAM	2494.45	-26.66	-13	PASS
				RB18#0	RB0#0	16QAM	2496	-23.08	-10	PASS
				RB100#0	RB0#0	16QAM	2490.21	-36.40	-25	PASS
				RB100#0	RB0#0	16QAM	2494.47	-26.57	-13	PASS
				RB100#0	RB0#0	16QAM	2496	-23.69	-10	PASS
			HCH	RB100#0	RB100#0	16QAM	2690.04	-49.46	-10	PASS
				RB100#0	RB100#0	16QAM	2691.83	-48.16	-10	PASS
				RB100#0	RB100#0	16QAM	2697.5	-51.56	-13	PASS
				RB0#0	RB1#99	16QAM	2690.54	-55.90	-10	PASS
				RB0#0	RB1#99	16QAM	2691.67	-52.94	-10	PASS
				RB0#0	RB1#99	16QAM	2695.82	-53.96	-13	PASS
				RB0#0	RB18#82	16QAM	2690	-49.64	-10	PASS
				RB0#0	RB18#82	16QAM	2691.61	-49.06	-10	PASS
				RB0#0	RB18#82	16QAM	2695.12	-52.31	-13	PASS
				RB0#0	RB100#0	16QAM	2690.32	-49.52	-10	PASS
RB0#0	RB100#0	16QAM	2691.54	-48.20	-10	PASS				
RB0#0	RB100#0	16QAM	2695.05	-51.56	-13	PASS				

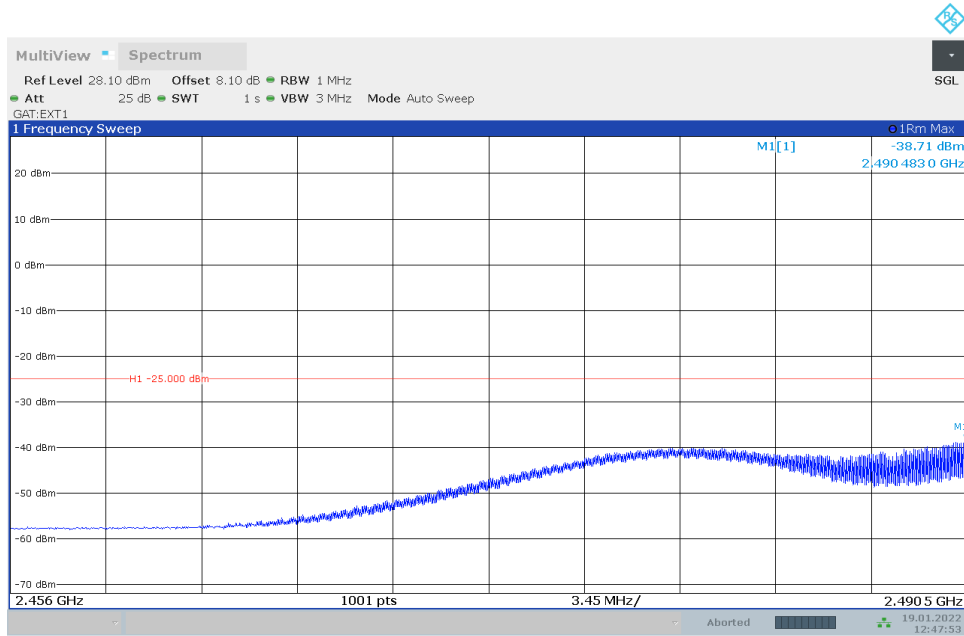
Band Edges Compliance										
Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	PCC_RB	SCC_RB	Modulation	Frequency [MHz]	Power [dBm]	Limit [dBm]	Verdict
CA_41C	TM2	15+15	LCH	RB75#0	RB75#0	16QAM	2483.39	-35.96	-25	PASS
				RB75#0	RB75#0	16QAM	2494.46	-30.94	-13	PASS
				RB75#0	RB75#0	16QAM	2495.985	-30.54	-10	PASS
				RB1#0	RB0#0	16QAM	2489.85	-38.01	-25	PASS
				RB1#0	RB0#0	16QAM	2494.47	-26.35	-13	PASS
				RB1#0	RB0#0	16QAM	2496	-26.11	-10	PASS
				RB16#0	RB0#0	16QAM	2490.44	-38.78	-25	PASS
				RB16#0	RB0#0	16QAM	2494.48	-27.33	-13	PASS
				RB16#0	RB0#0	16QAM	2495.98	-27.21	-10	PASS
				RB75#0	RB0#0	16QAM	2490.39	-38.66	-25	PASS
				RB75#0	RB0#0	16QAM	2494.49	-27.31	-13	PASS
				RB75#0	RB0#0	16QAM	2496	-26.87	-10	PASS
			HCH	RB75#0	RB75#0	16QAM	2690	-49.46	-10	PASS
				RB75#0	RB75#0	16QAM	2691.51	-46.65	-10	PASS
				RB75#0	RB75#0	16QAM	2695.59	-50.10	-13	PASS
				RB0#0	RB1#74	16QAM	2690.295	-56.35	-10	PASS
				RB0#0	RB1#74	16QAM	2691.67	-51.31	-10	PASS
				RB0#0	RB1#74	16QAM	2695.04	-52.94	-13	PASS
				RB0#0	RB16#59	16QAM	2690	-52.02	-10	PASS
				RB0#0	RB16#59	16QAM	2691.6	-48.25	-10	PASS
				RB0#0	RB16#59	16QAM	2695.04	-51.23	-13	PASS
				RB0#0	RB75#0	16QAM	2690.035	-49.55	-10	PASS
RB0#0	RB75#0	16QAM	2691.59	-46.66	-10	PASS				
RB0#0	RB75#0	16QAM	2695.44	-50.05	-13	PASS				

Band Edges Compliance										
Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	PCC_RB	SCC_RB	Modulation	Frequency [MHz]	Power [dBm]	Limit [dBm]	Verdict
CA_41C	TM3	20+20	LCH	RB100#0	RB100#0	64QAM	2490.48	-38.75	-25	PASS
				RB100#0	RB100#0	64QAM	2494.49	-29.96	-13	PASS
				RB100#0	RB100#0	64QAM	2496	-26.71	-10	PASS
				RB1#0	RB0#0	64QAM	2490.48	-36.36	-25	PASS
				RB1#0	RB0#0	64QAM	2494.49	-26.52	-13	PASS
				RB1#0	RB0#0	64QAM	2496	-23.00	-10	PASS
				RB18#0	RB0#0	64QAM	2490.41	-36.25	-25	PASS
				RB18#0	RB0#0	64QAM	2494.45	-26.72	-13	PASS
				RB18#0	RB0#0	64QAM	2496	-23.70	-10	PASS
				RB100#0	RB0#0	64QAM	2490.28	-36.38	-25	PASS
				RB100#0	RB0#0	64QAM	2494.49	-26.69	-13	PASS
			RB100#0	RB0#0	64QAM	2495.985	-23.12	-10	PASS	
			HCH	RB100#0	RB100#0	64QAM	2690.055	-49.24	-10	PASS
				RB100#0	RB100#0	64QAM	2691.63	-48.17	-10	PASS
				RB100#0	RB100#0	64QAM	2695.05	-51.10	-13	PASS
				RB0#0	RB1#99	64QAM	2690.055	-55.71	-10	PASS
				RB0#0	RB1#99	64QAM	2691.59	-52.86	-10	PASS
				RB0#0	RB1#99	64QAM	2695.89	-54.33	-13	PASS
				RB0#0	RB18#82	64QAM	2690.06	-50.01	-10	PASS
				RB0#0	RB18#82	64QAM	2691.52	-49.19	-10	PASS
				RB0#0	RB18#82	64QAM	2695.19	-53.25	-13	PASS
				RB0#0	RB100#0	64QAM	2690.035	-49.49	-10	PASS
RB0#0	RB100#0	64QAM		2691.87	-42.71	-10	PASS			
RB0#0	RB100#0	64QAM	2695.26	-51.11	-13	PASS				

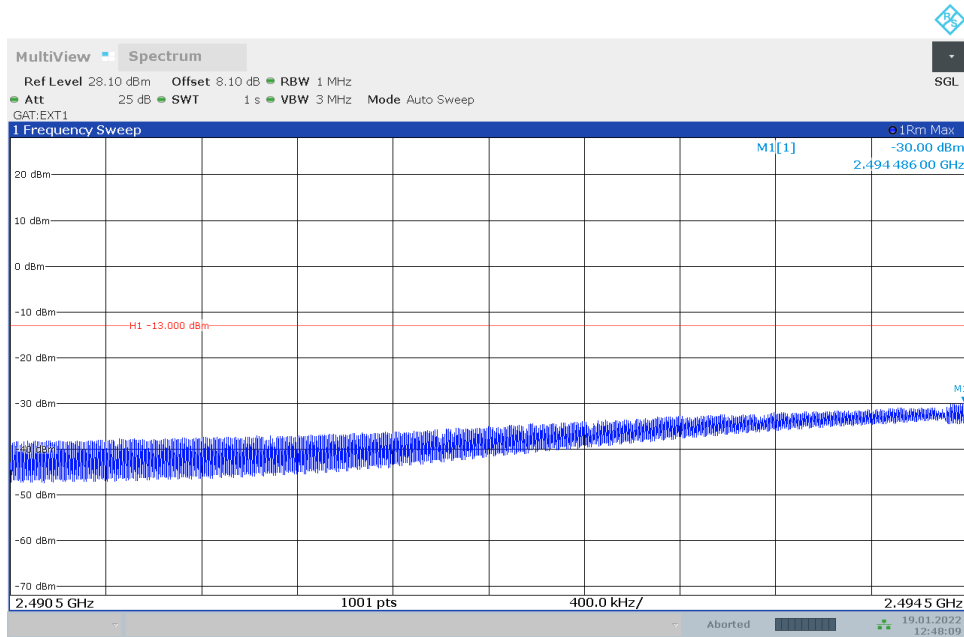
Band Edges Compliance										
Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	PCC_RB	SCC_RB	Modulation	Frequency [MHz]	Power [dBm]	Limit [dBm]	Verdict
CA_41C	TM3	15+15	LCH	RB75#0	RB75#0	64QAM	2483.59	-35.89	-25	PASS
				RB75#0	RB75#0	64QAM	2494.42	-31.47	-13	PASS
				RB75#0	RB75#0	64QAM	2496	-30.41	-10	PASS
				RB1#0	RB0#0	64QAM	2490.39	-38.03	-25	PASS
				RB1#0	RB0#0	64QAM	2494.48	-27.34	-13	PASS
				RB1#0	RB0#0	64QAM	2495.985	-27.14	-10	PASS
				RB16#0	RB0#0	64QAM	2490.34	-38.70	-25	PASS
				RB16#0	RB0#0	64QAM	2494.49	-27.01	-13	PASS
				RB16#0	RB0#0	64QAM	2496	-26.94	-10	PASS
				RB75#0	RB0#0	64QAM	2490.44	-38.77	-25	PASS
				RB75#0	RB0#0	64QAM	2494.48	-27.33	-13	PASS
				RB75#0	RB0#0	64QAM	2496	-27.01	-10	PASS
			HCH	RB75#0	RB75#0	64QAM	2690.04	-49.49	-10	PASS
				RB75#0	RB75#0	64QAM	2691.6	-46.82	-10	PASS
				RB75#0	RB75#0	64QAM	2695.19	-49.95	-13	PASS
				RB0#0	RB1#74	64QAM	2690.06	-56.16	-10	PASS
				RB0#0	RB1#74	64QAM	2691.71	-51.54	-10	PASS
				RB0#0	RB1#74	64QAM	2695.59	-53.18	-13	PASS
				RB0#0	RB16#59	64QAM	2690.015	-51.70	-10	PASS
				RB0#0	RB16#59	64QAM	2691.52	-48.24	-10	PASS
				RB0#0	RB16#59	64QAM	2695.99	-51.63	-13	PASS
				RB0#0	RB75#0	64QAM	2690.055	-49.55	-10	PASS
RB0#0	RB75#0	64QAM	2691.54	-46.55	-10	PASS				
RB0#0	RB75#0	64QAM	2695.59	-50.18	-13	PASS				

## 5.2 TEST PLOTS

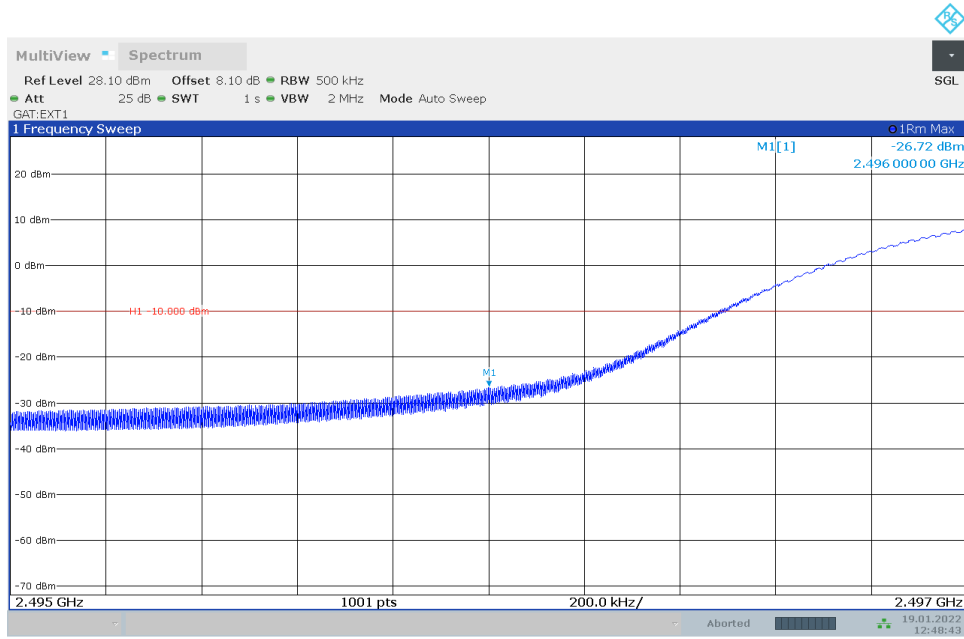
### 5.2.1 CA\_41C\_TM1\_LCH\_20MHZ\_20MHZ\_PCCRB100#0\_SCCRB100#0



12:47:53 19.01.2022

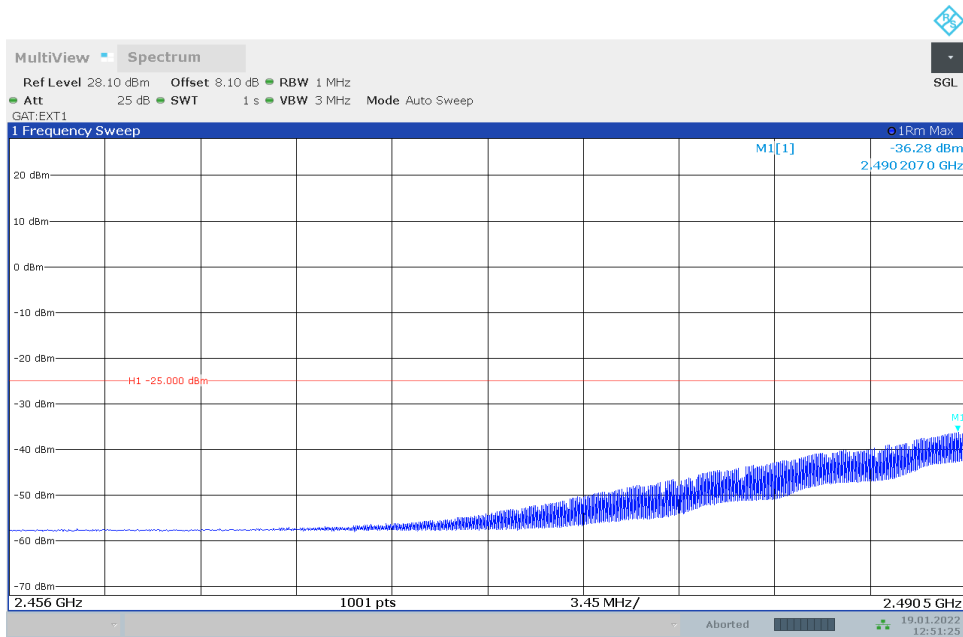


12:48:09 19.01.2022

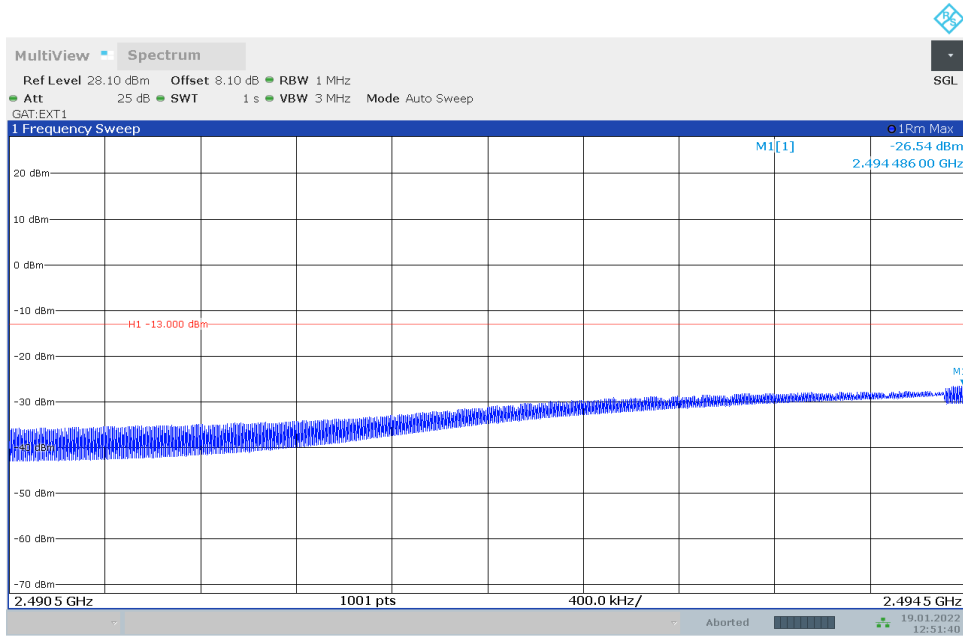


12:48:44 19.01.2022

## 5.2.2 CA\_41C\_TM1\_LCH\_20MHZ\_20MHZ\_PCCRB1#0\_SCCRB0#0

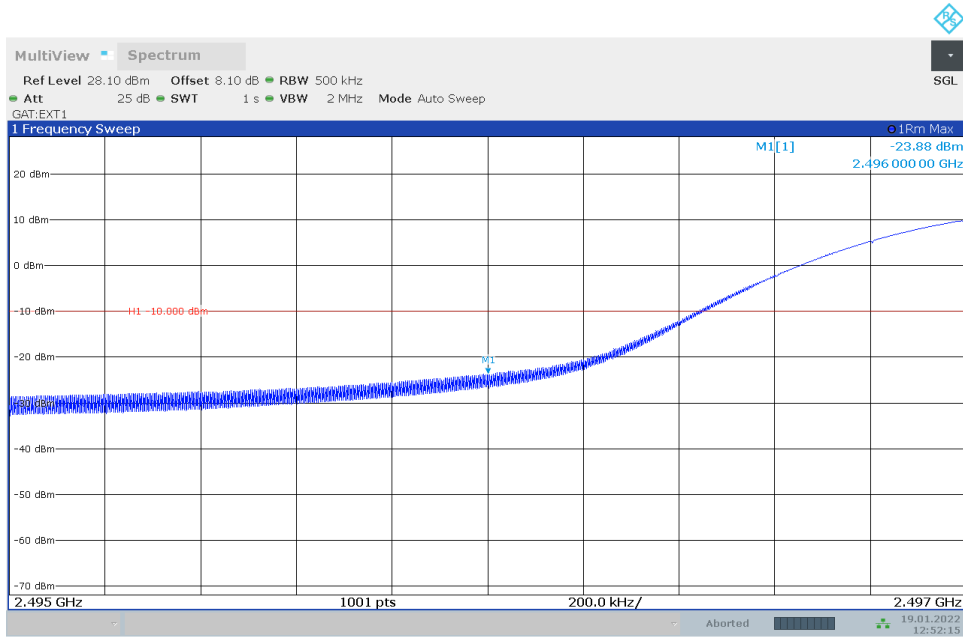


12:51:25 19.01.2022



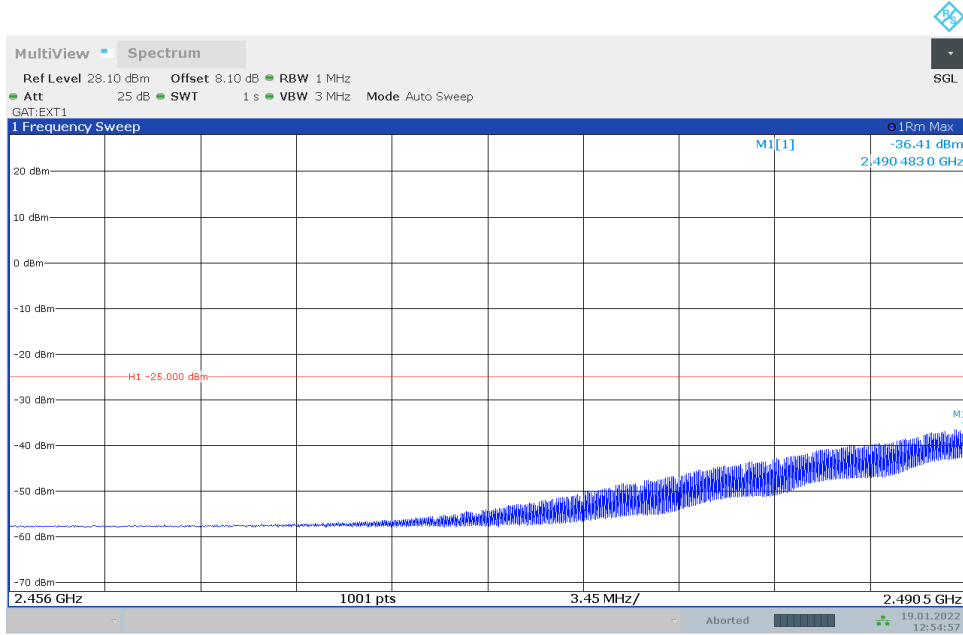
12:51:41 19.01.2022



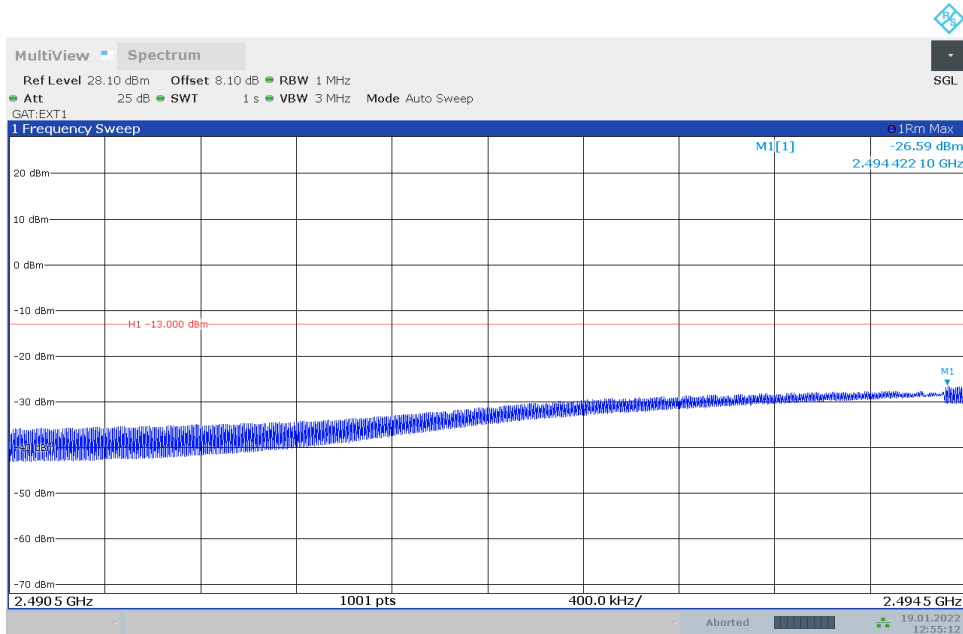


12:52:16 19.01.2022

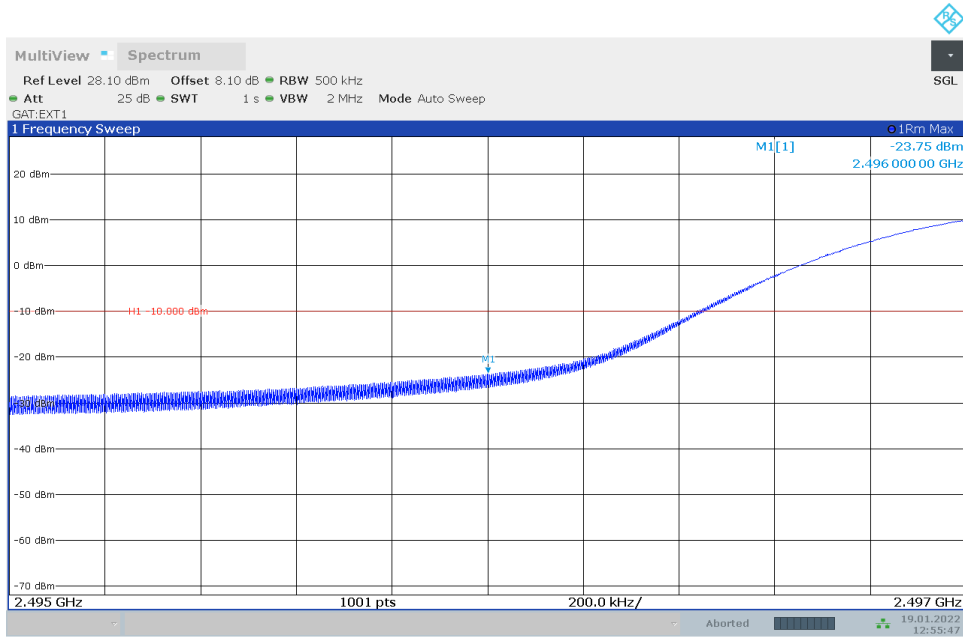
## 5.2.3 CA\_41C\_TM1\_LCH\_20MHZ\_20MHZ\_PCCRB18#0\_SCCRB0#0



12:54:57 19.01.2022

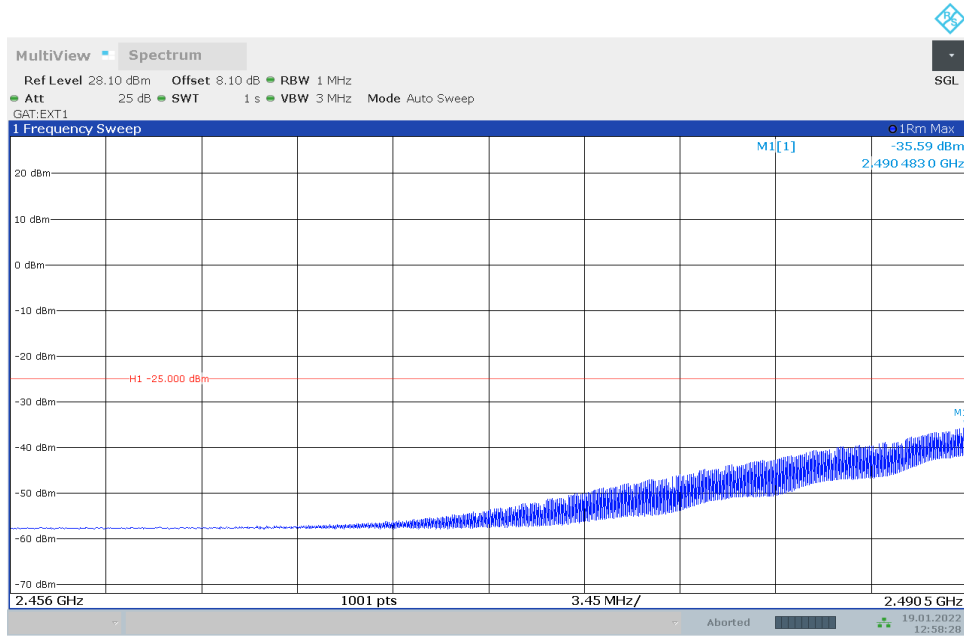


12:55:13 19.01.2022

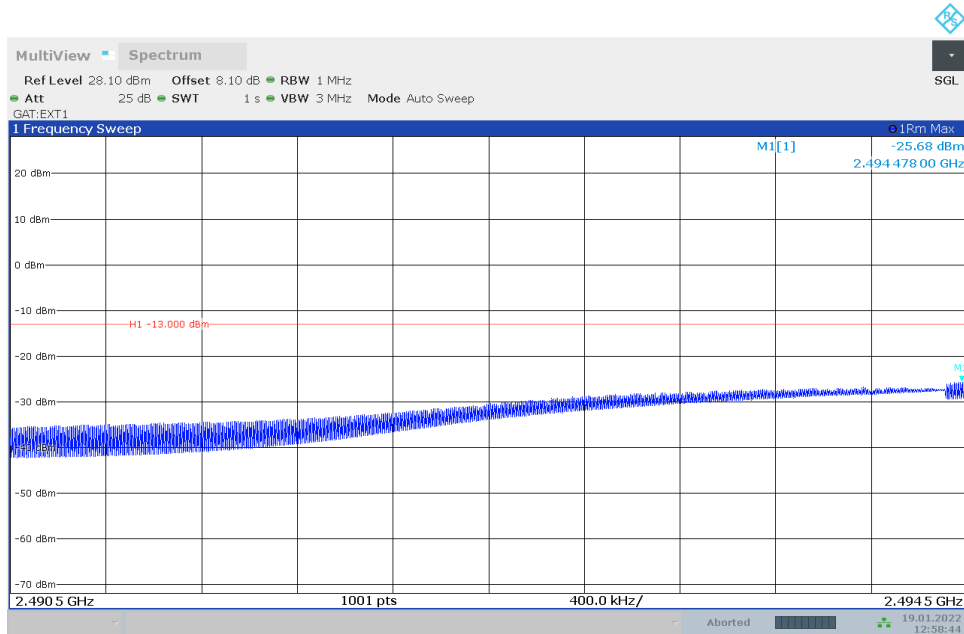


12:55:48 19.01.2022

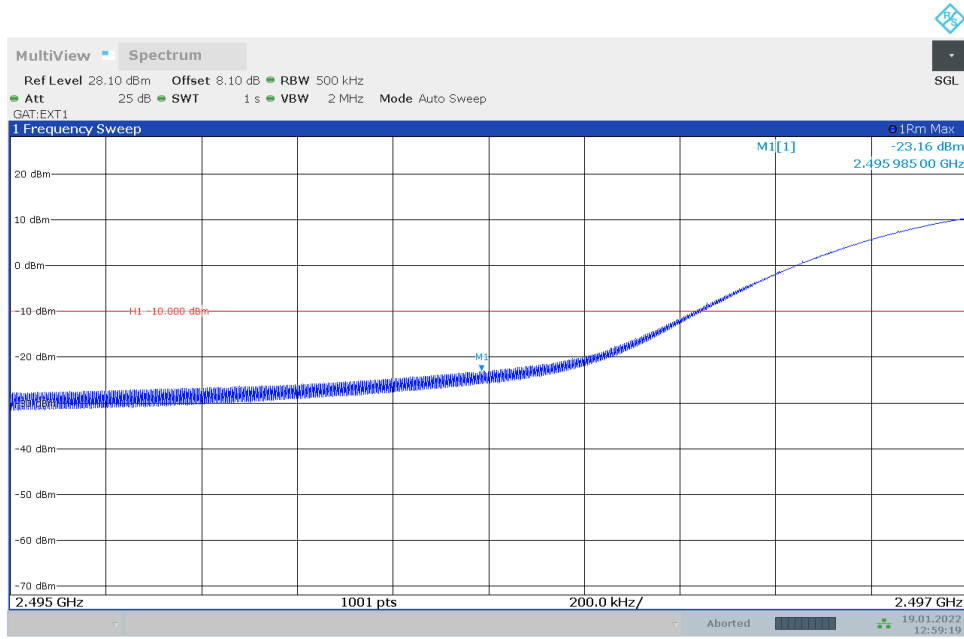
## 5.2.4 CA\_41C\_TM1\_LCH\_20MHZ\_20MHZ\_PCCRB100#0\_SCCRB0#0



12:58:29 19.01.2022

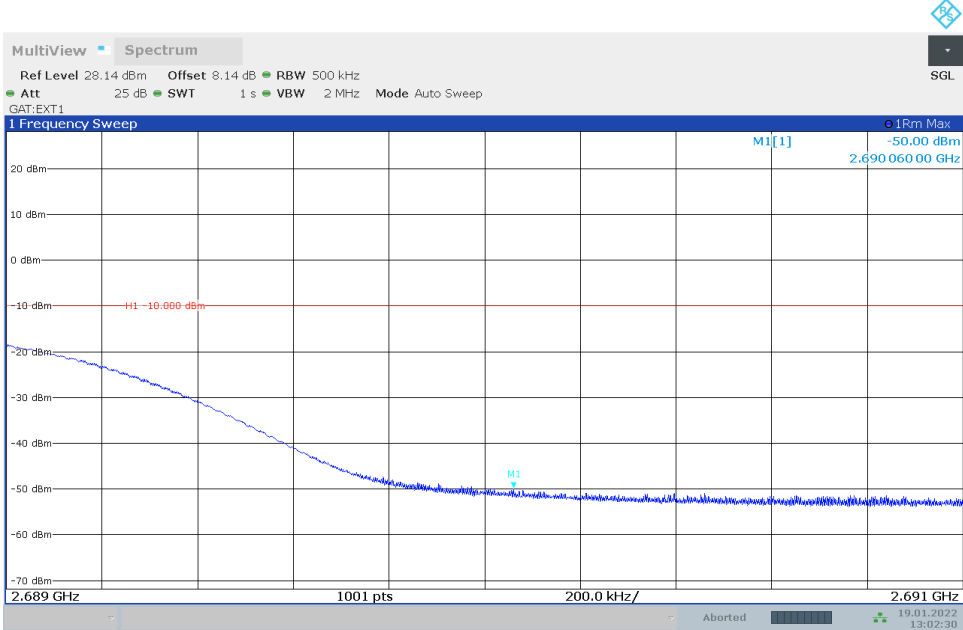


12:58:45 19.01.2022

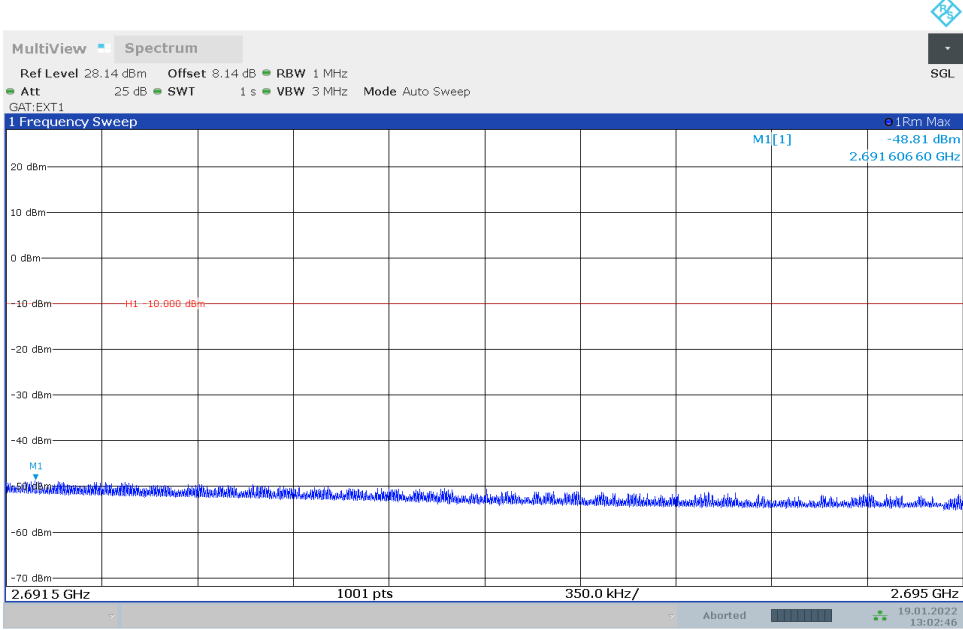


12:59:20 19.01.2022

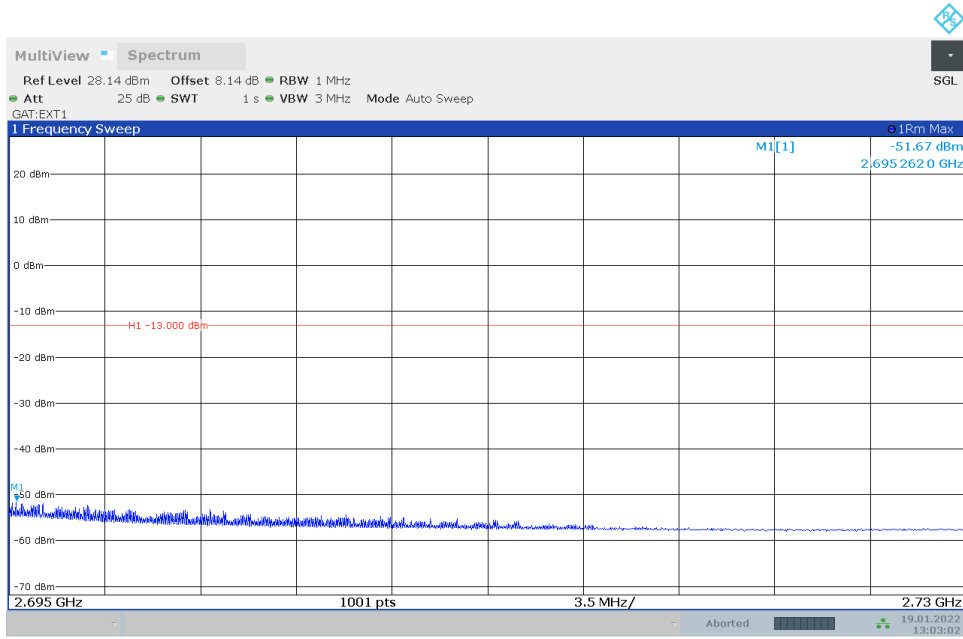
## 5.2.5 CA\_41C\_TM1\_HCH\_20MHZ\_20MHZ\_PCCRB100#0\_SCCRB100#0



13:02:31 19.01.2022

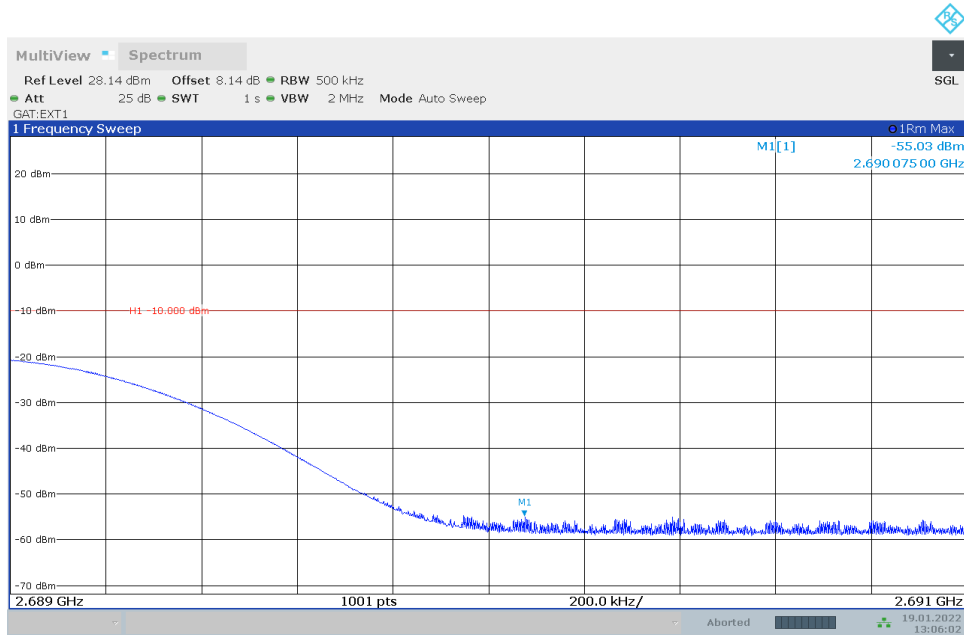


13:02:47 19.01.2022

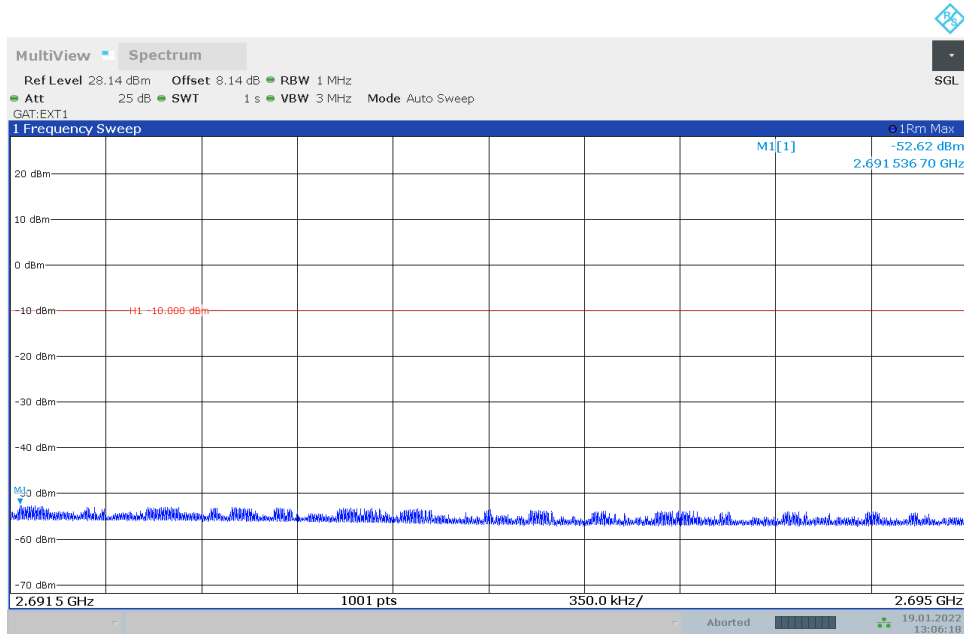


13:03:02 19.01.2022

## 5.2.6 CA\_41C\_TM1\_HCH\_20MHZ\_20MHZ\_PCCRB0#0\_SCCRB1#99

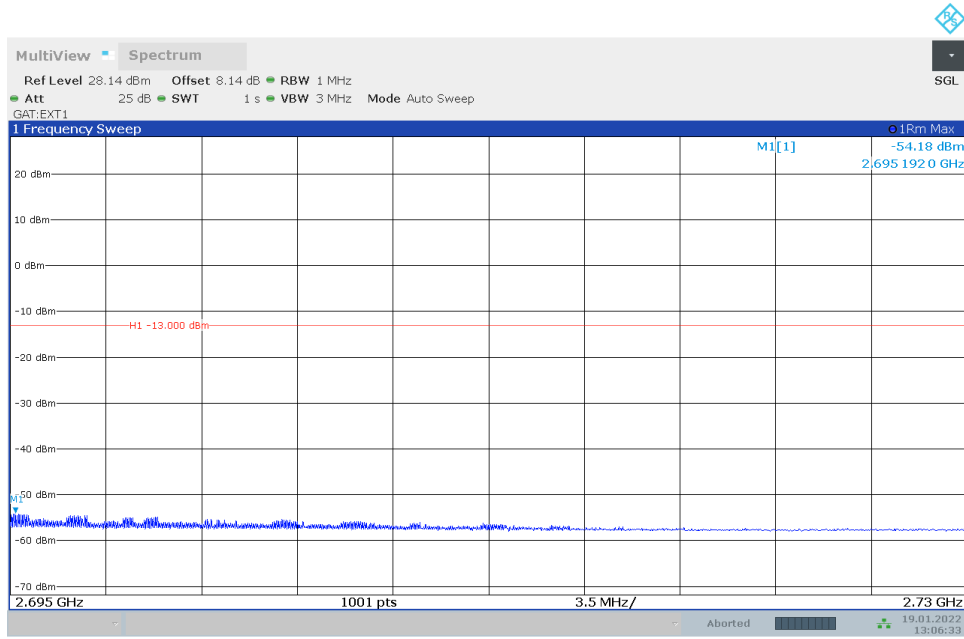


13:06:03 19.01.2022



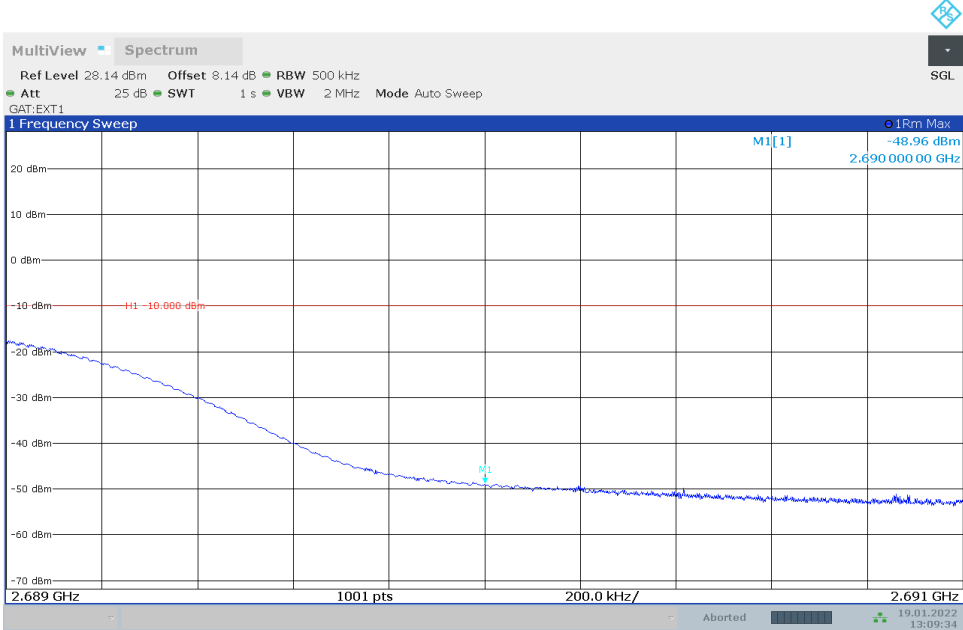
13:06:18 19.01.2022



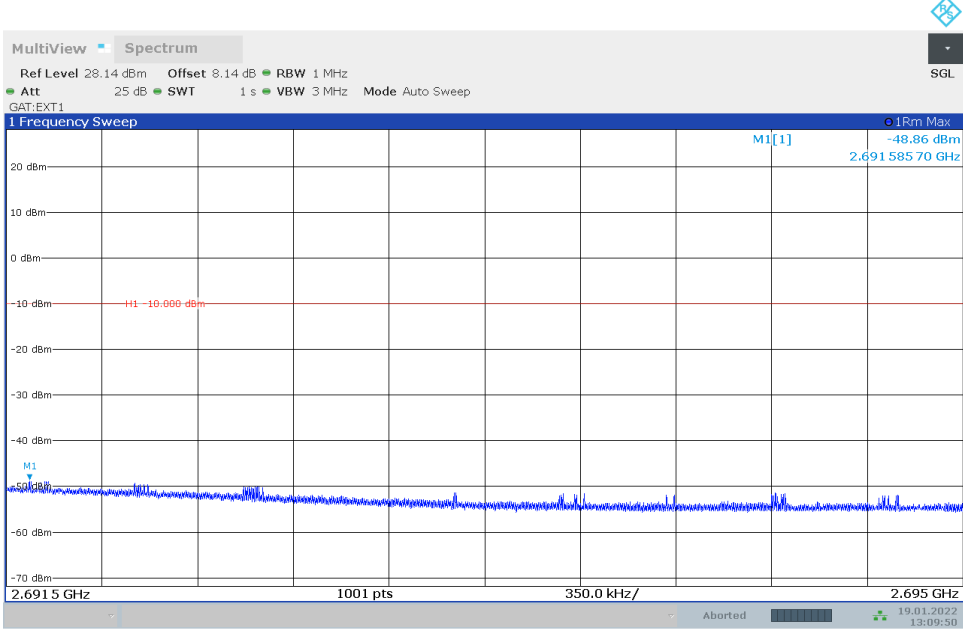


13:06:34 19.01.2022

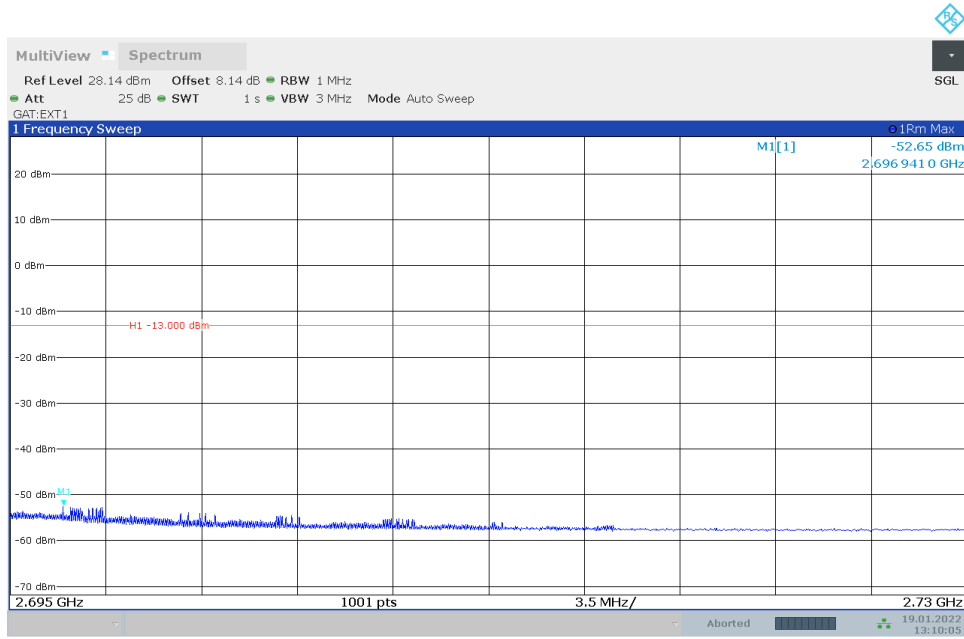
## 5.2.7 CA\_41C\_TM1\_HCH\_20MHZ\_20MHZ\_PCCRB0#0\_SCCRB18#82



13:09:34 19.01.2022

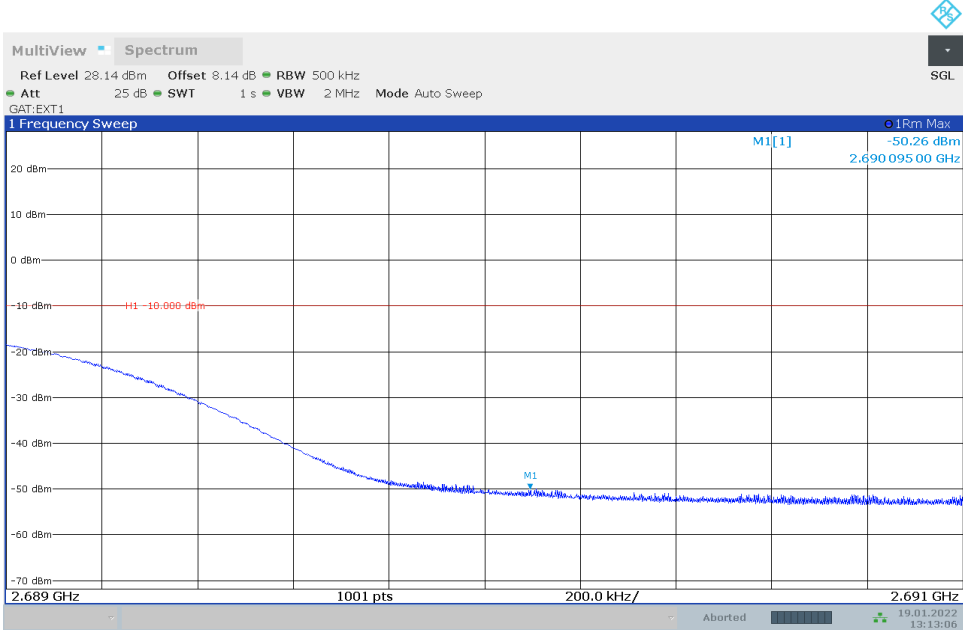


13:09:50 19.01.2022

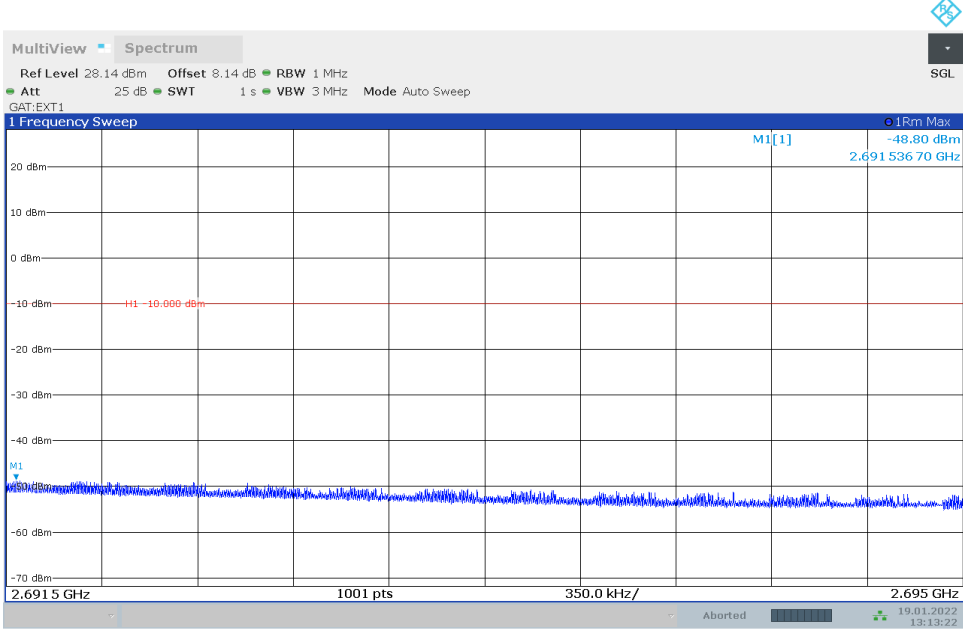


13:10:06 19.01.2022

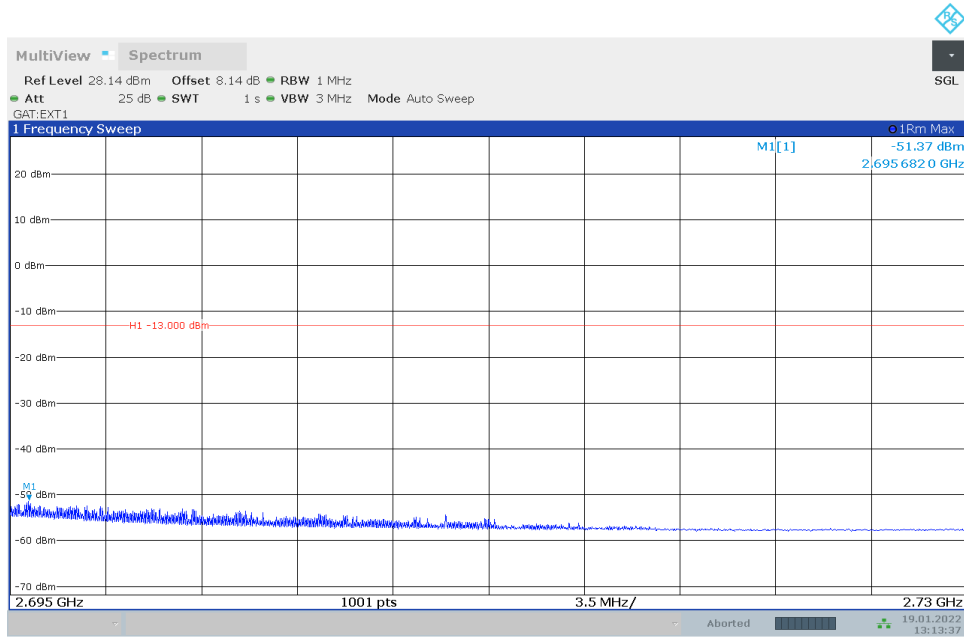
## 5.2.8 CA\_41C\_TM1\_HCH\_20MHZ\_20MHZ\_PCCRB0#0\_SCCRB100#0



13:13:07 19.01.2022

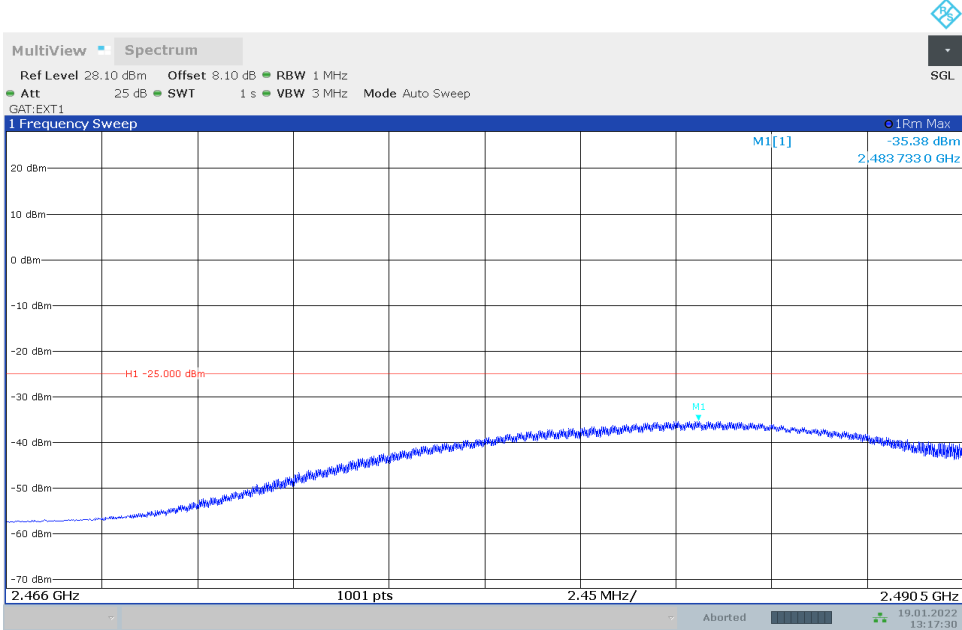


13:13:22 19.01.2022

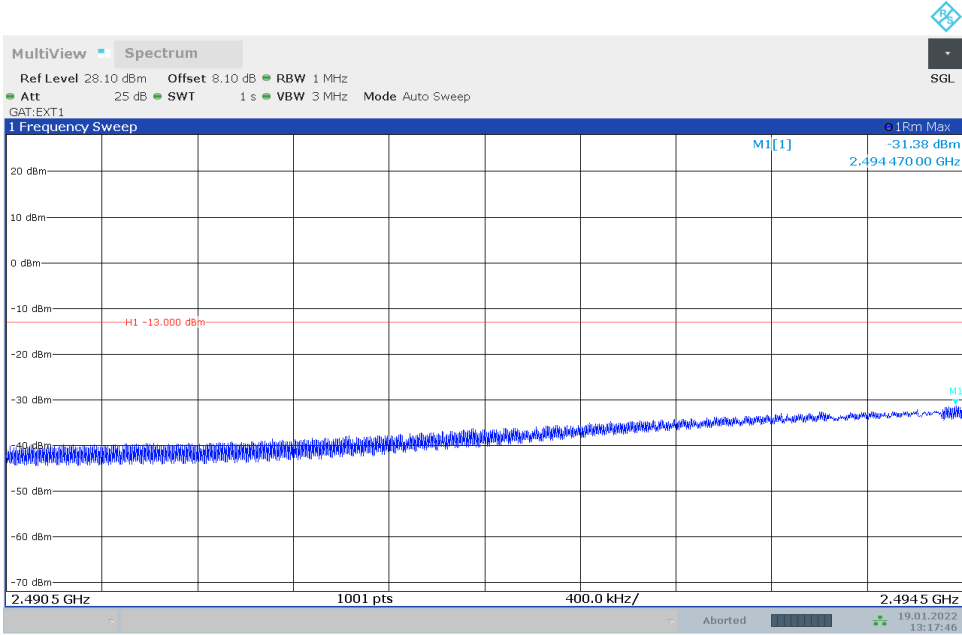


13:13:38 19.01.2022

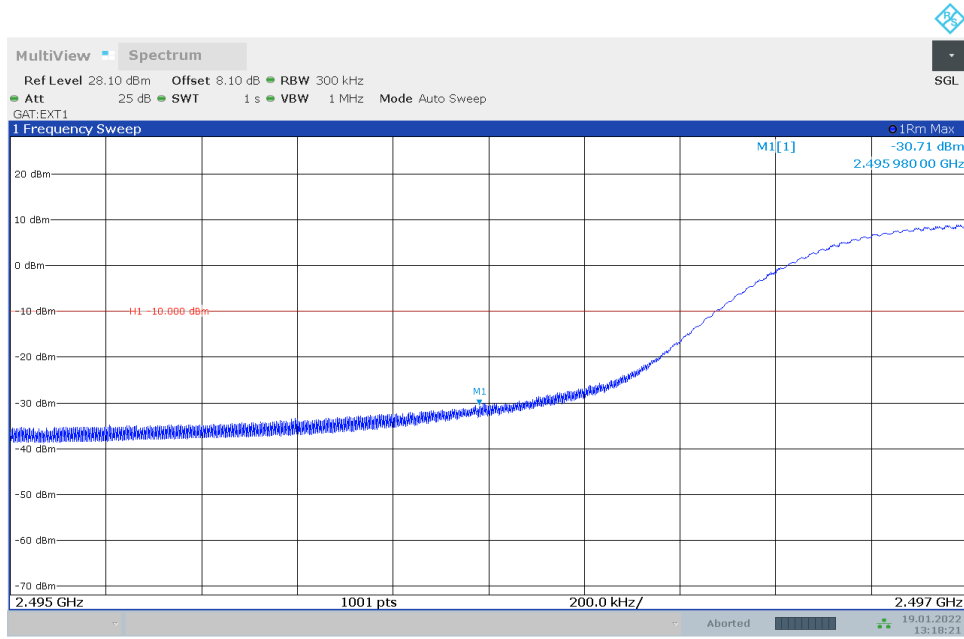
## 5.2.9 CA\_41C\_TM1\_LCH\_15MHZ\_15MHZ\_PCCRB75#0\_SCCRB75#0



13:17:31 19.01.2022

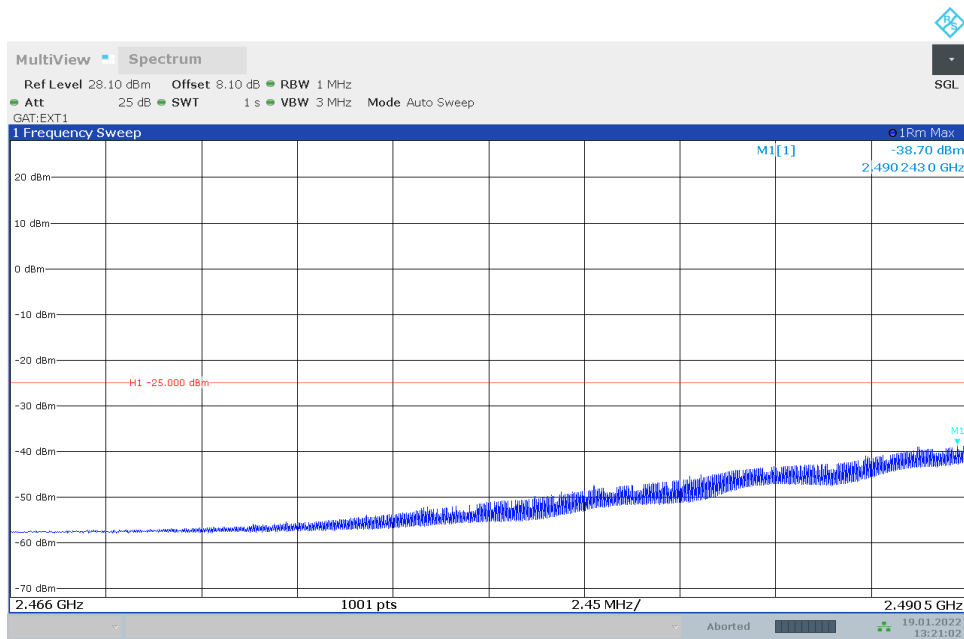


13:17:47 19.01.2022

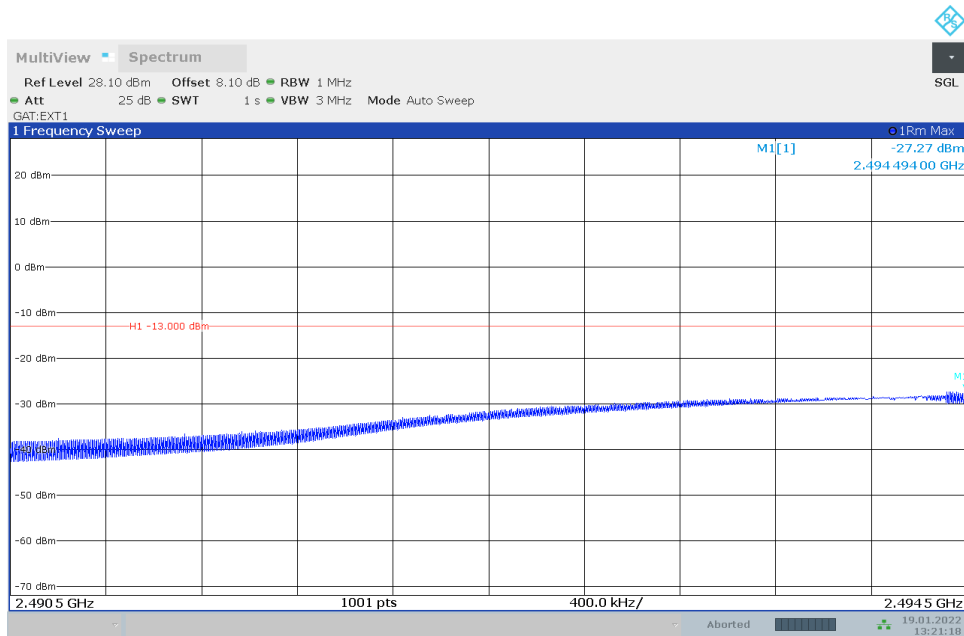


13:18:22 19.01.2022

## 5.2.10 CA\_41C\_TM1\_LCH\_15MHZ\_15MHZ\_PCCRB1#0\_SCCRB0#0

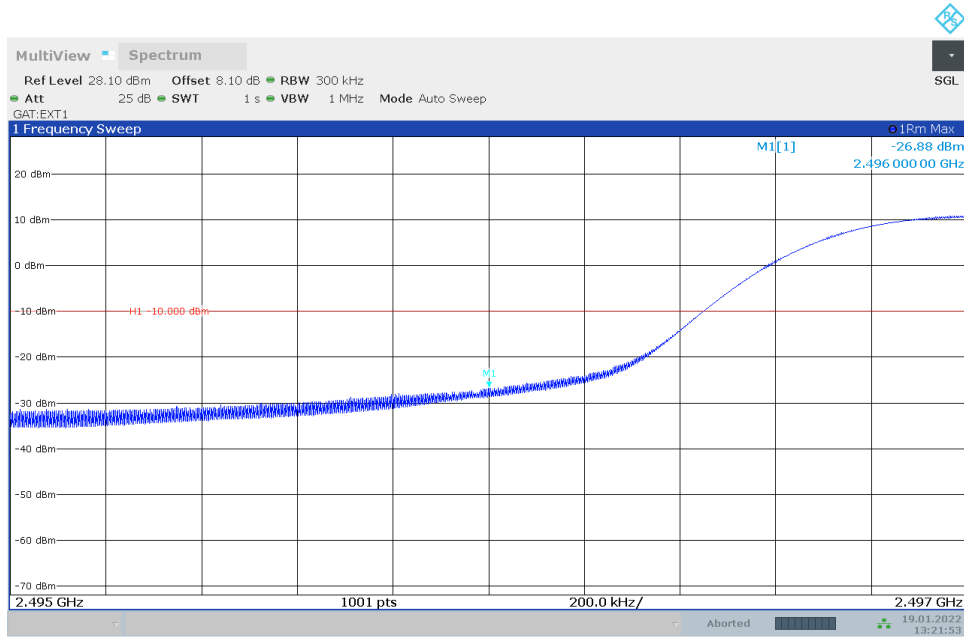


13:21:03 19.01.2022



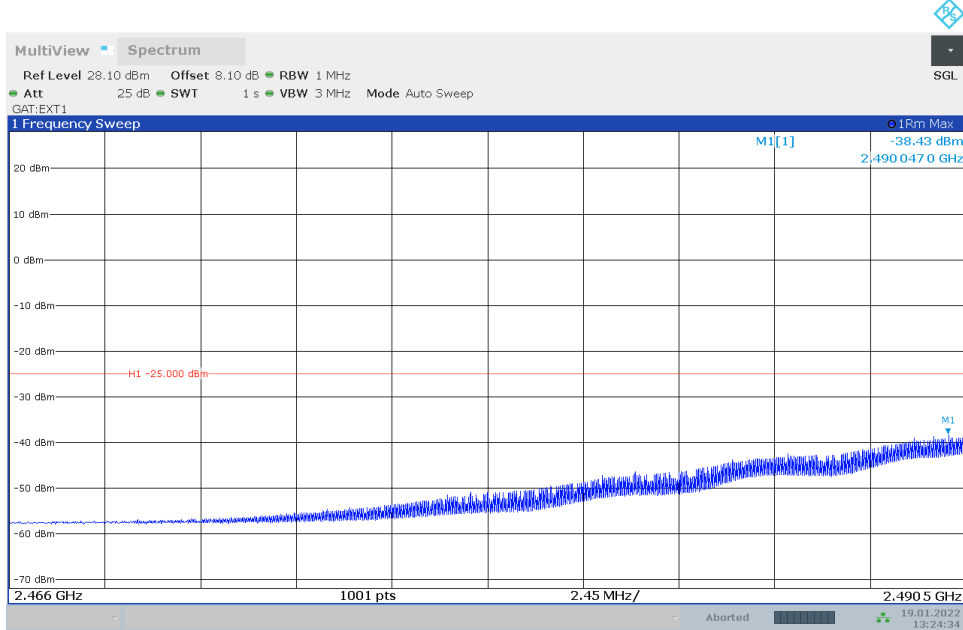
13:21:19 19.01.2022



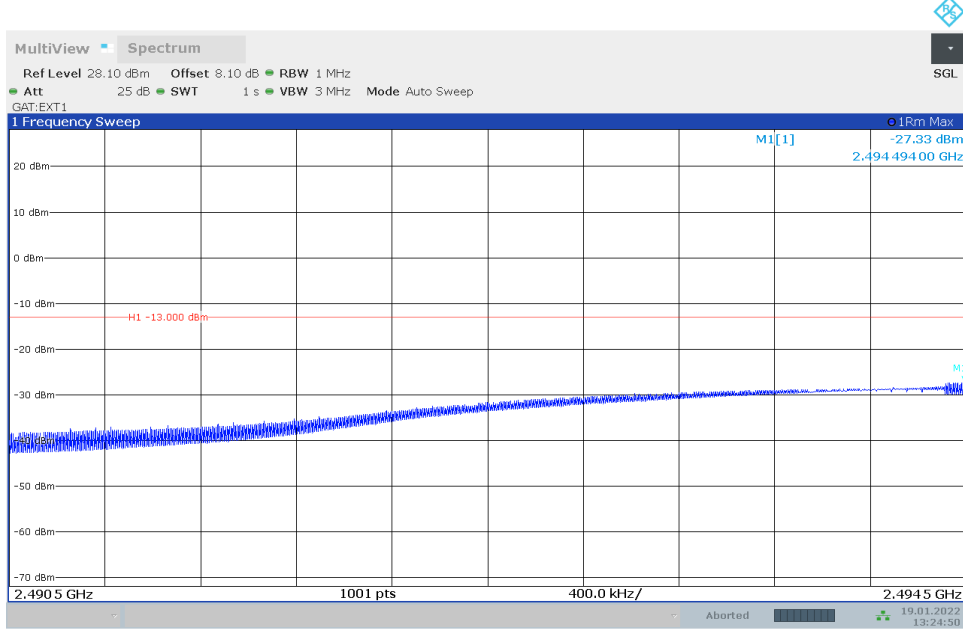


13:21:54 19.01.2022

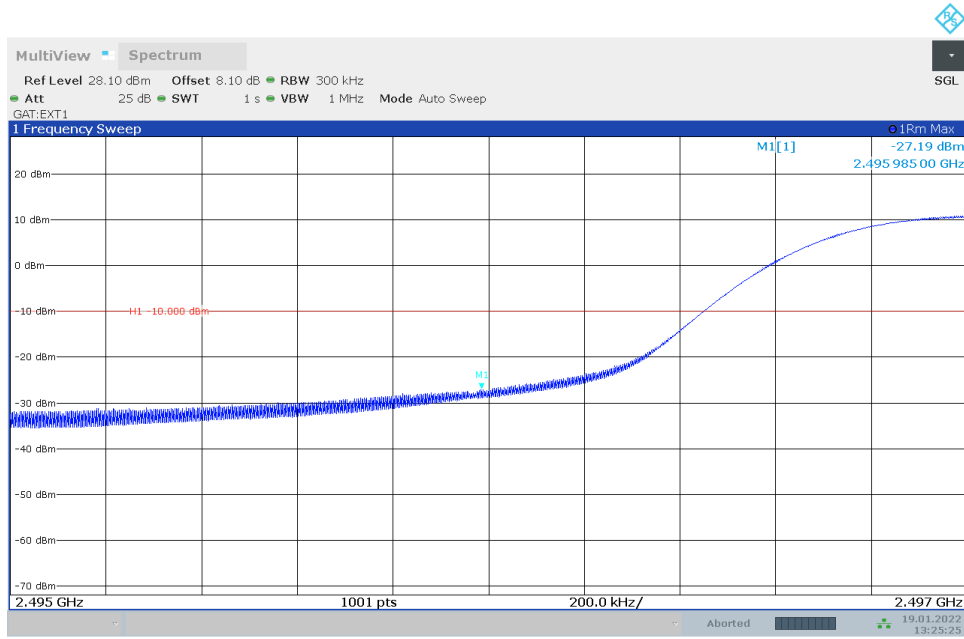
## 5.2.11 CA\_41C\_TM1\_LCH\_15MHZ\_15MHZ\_PCCRB16#0\_SCCRB0#0



13:24:35 19.01.2022

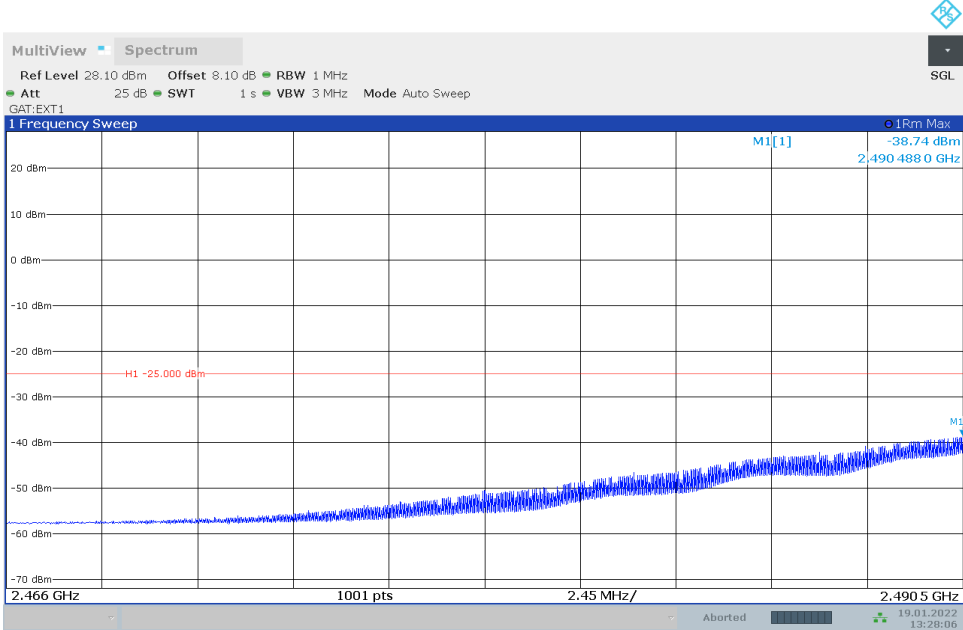


13:24:51 19.01.2022

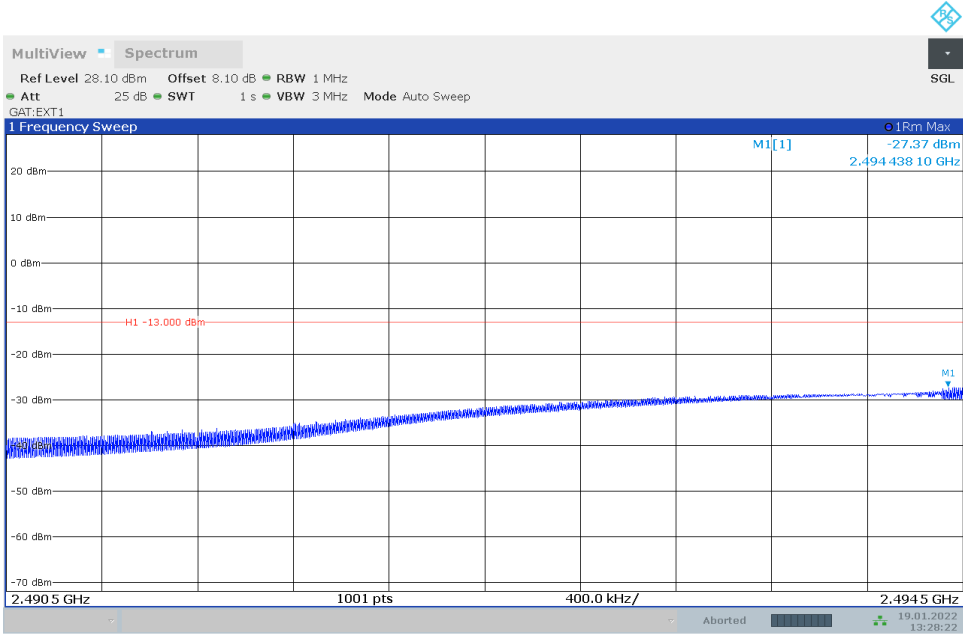


13:25:26 19.01.2022

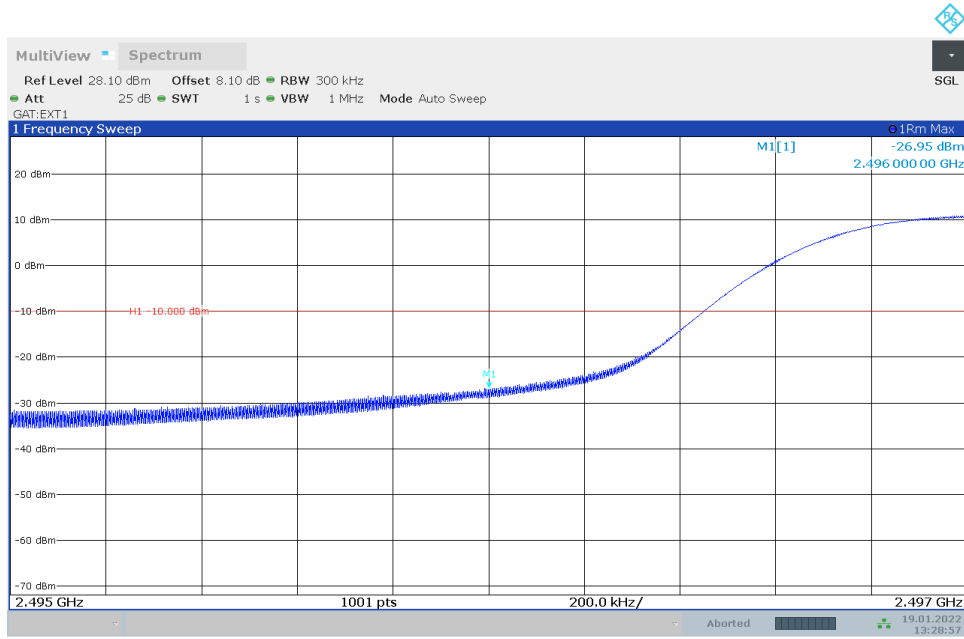
## 5.2.12 CA\_41C\_TM1\_LCH\_15MHZ\_15MHZ\_PCCRB75#0\_SCCRB0#0



13:28:07 19.01.2022

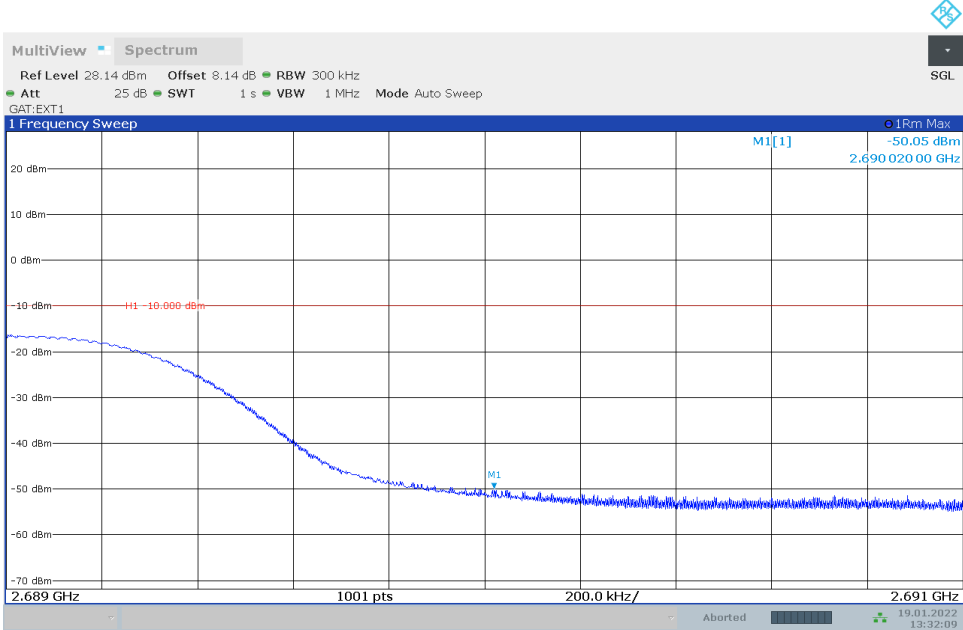


13:28:23 19.01.2022

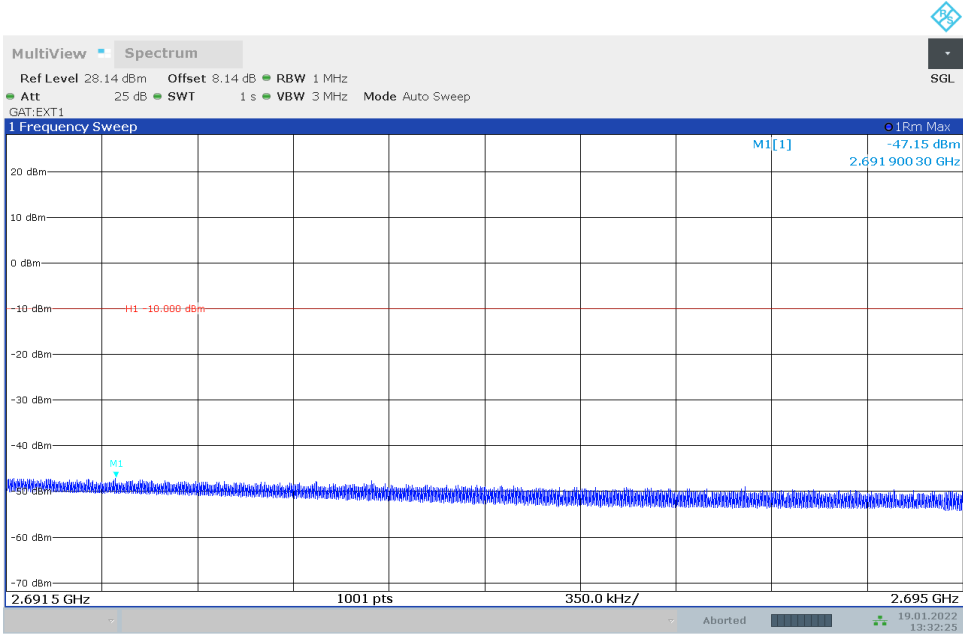


13:28:58 19.01.2022

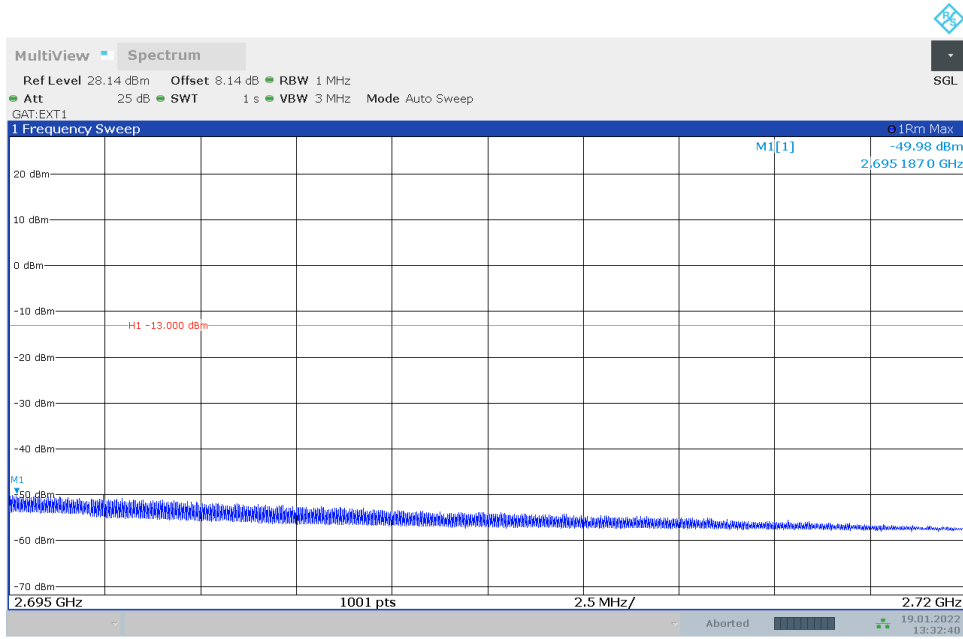
## 5.2.13 CA\_41C\_TM1\_HCH\_15MHZ\_15MHZ\_PCCRB75#0\_SCCRB75#0



13:32:10 19.01.2022

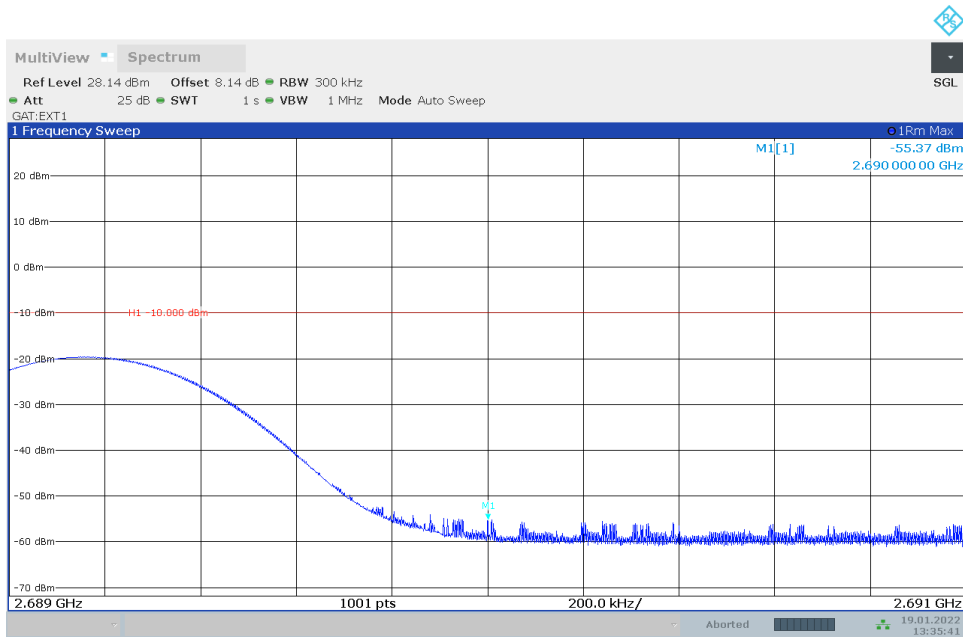


13:32:26 19.01.2022

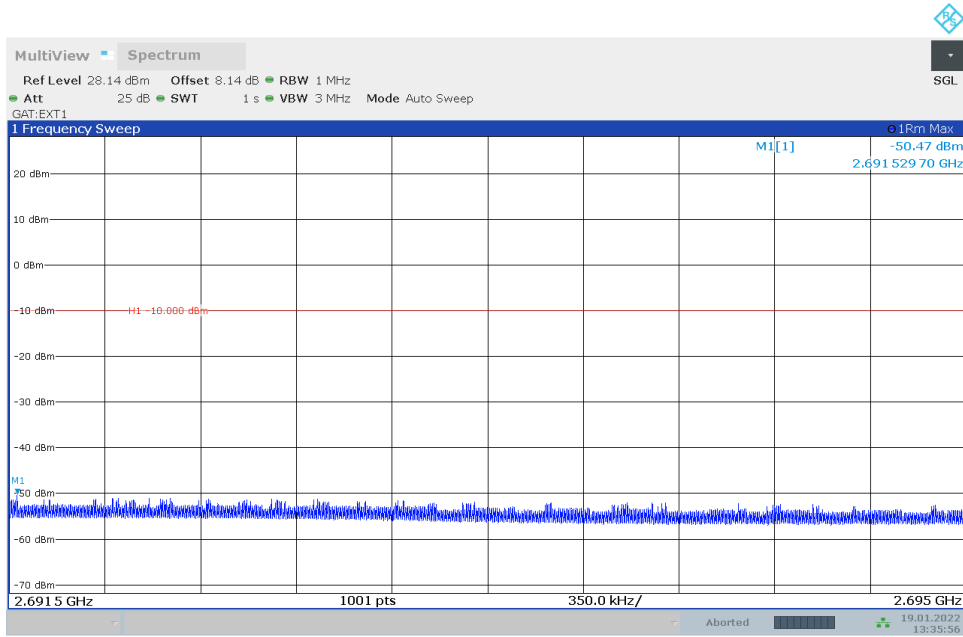


13:32:41 19.01.2022

## 5.2.14 CA\_41C\_TM1\_HCH\_15MHZ\_15MHZ\_PCCRB0#0\_SCCRB1#74

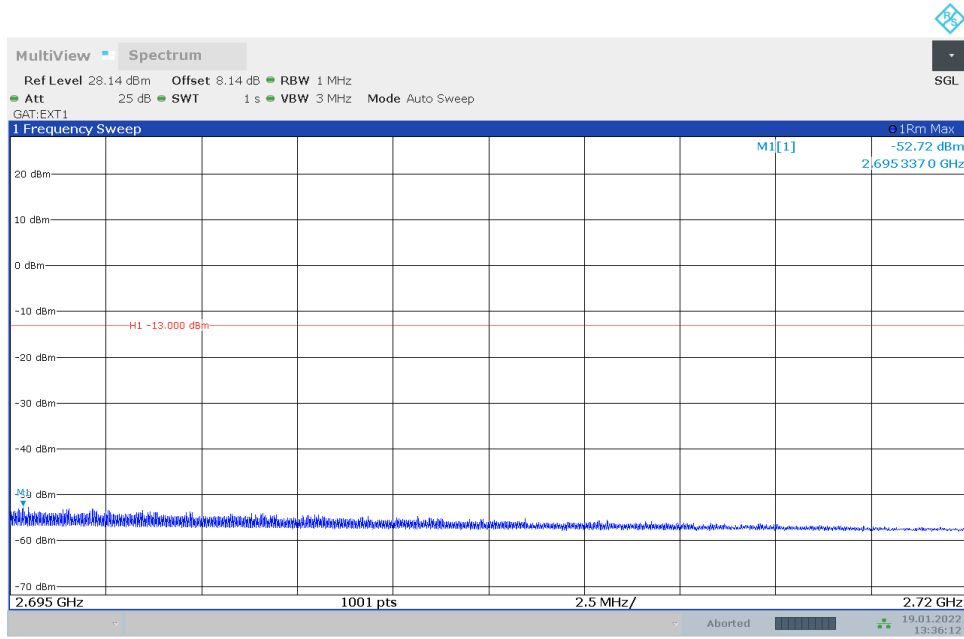


13:35:41 19.01.2022



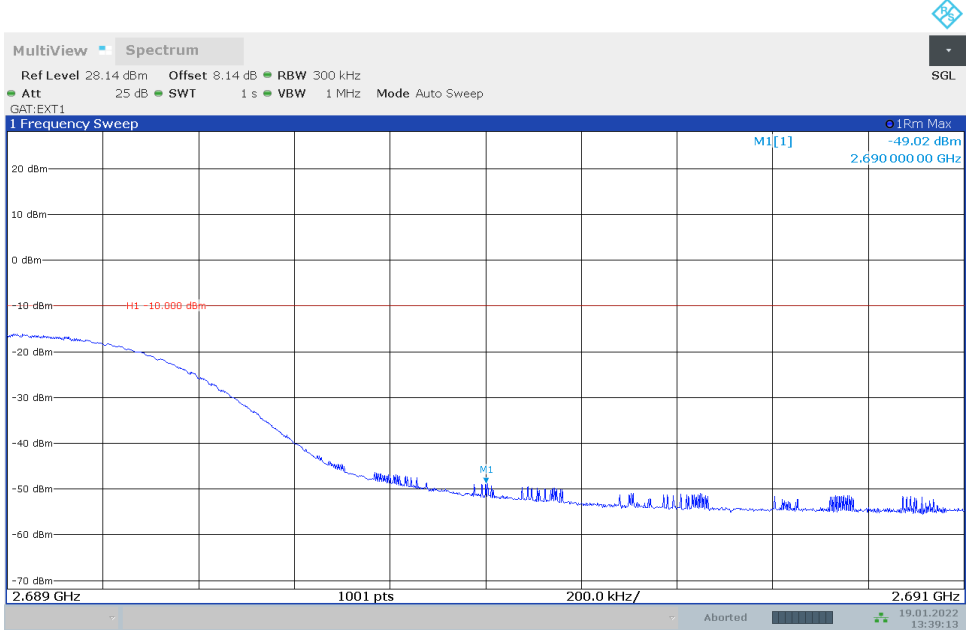
13:35:57 19.01.2022



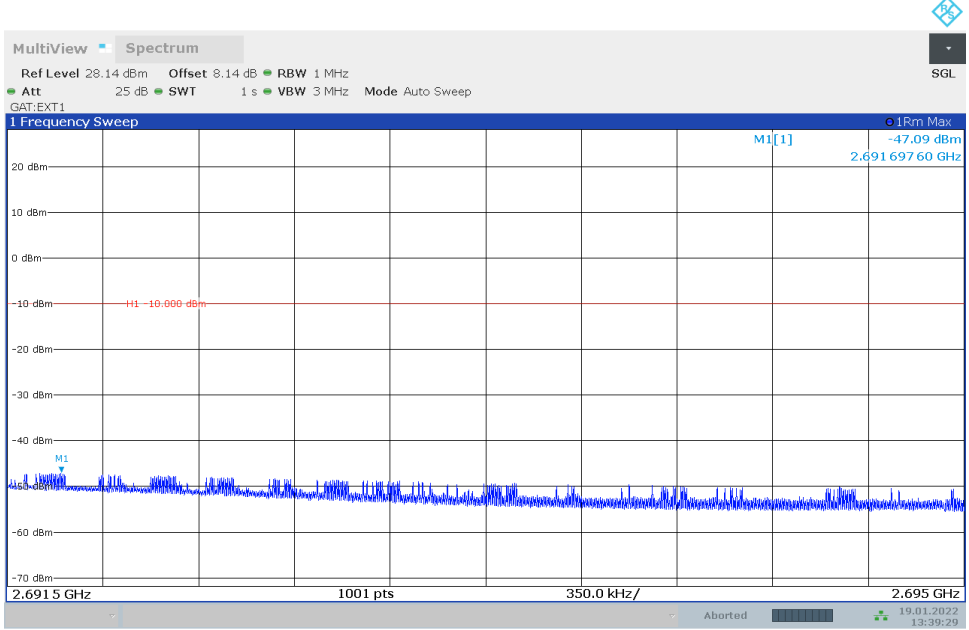


13:36:13 19.01.2022

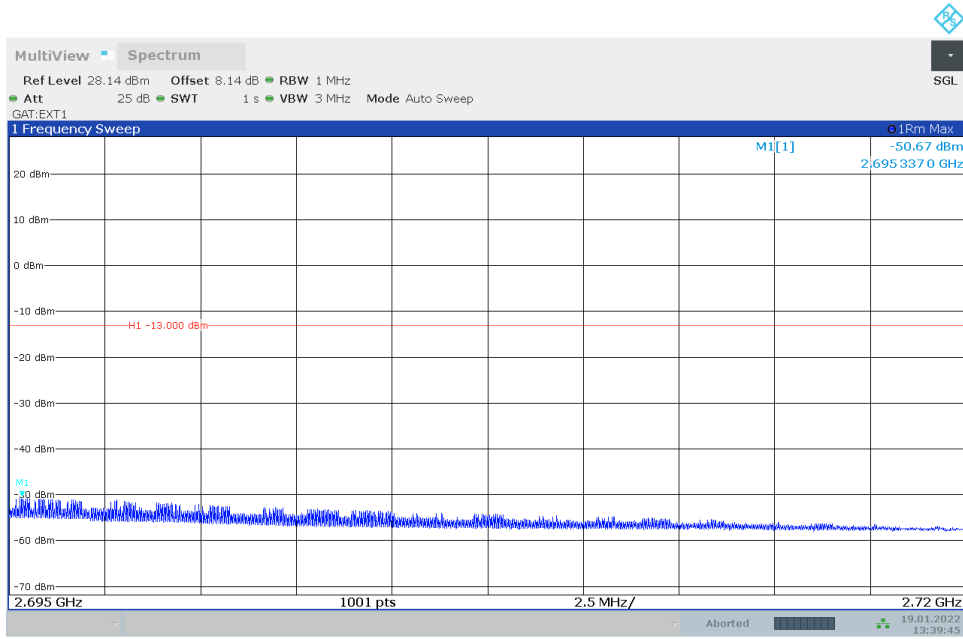
## 5.2.15 CA\_41C\_TM1\_HCH\_15MHZ\_15MHZ\_PCCRB0#0\_SCCRB16#59



13:39:13 19.01.2022

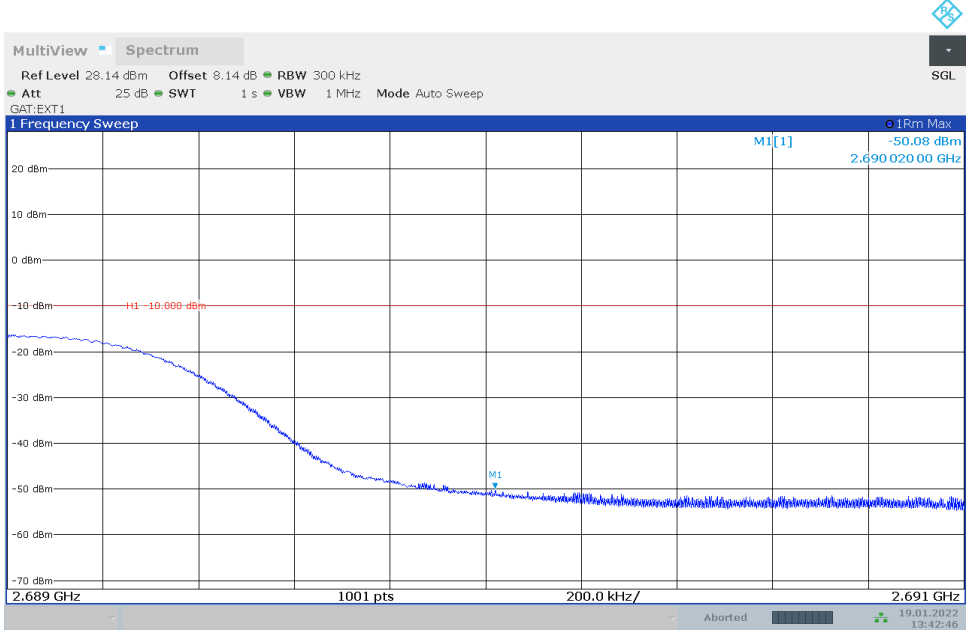


13:39:29 19.01.2022

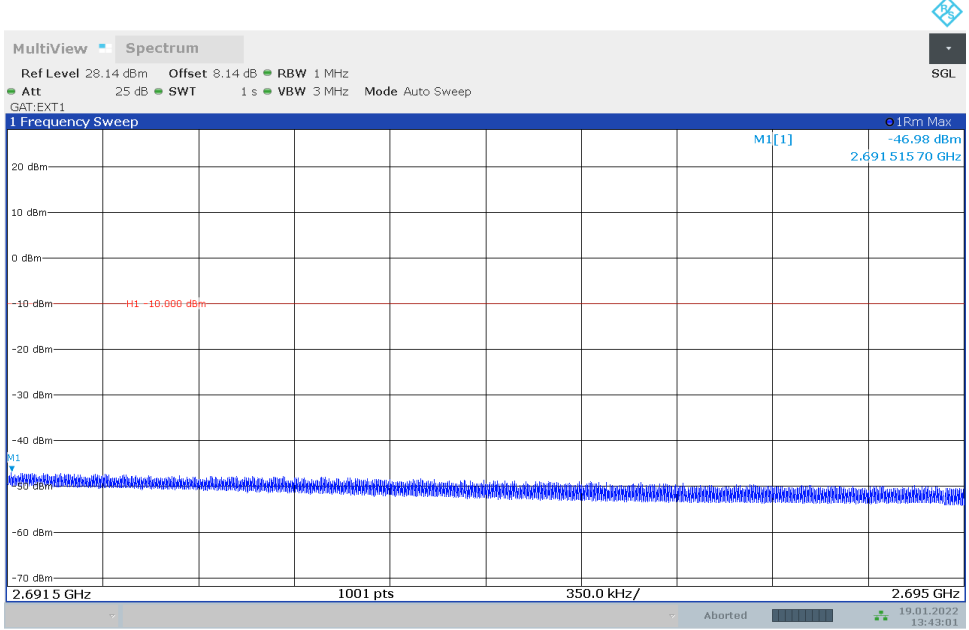


13:39:45 19.01.2022

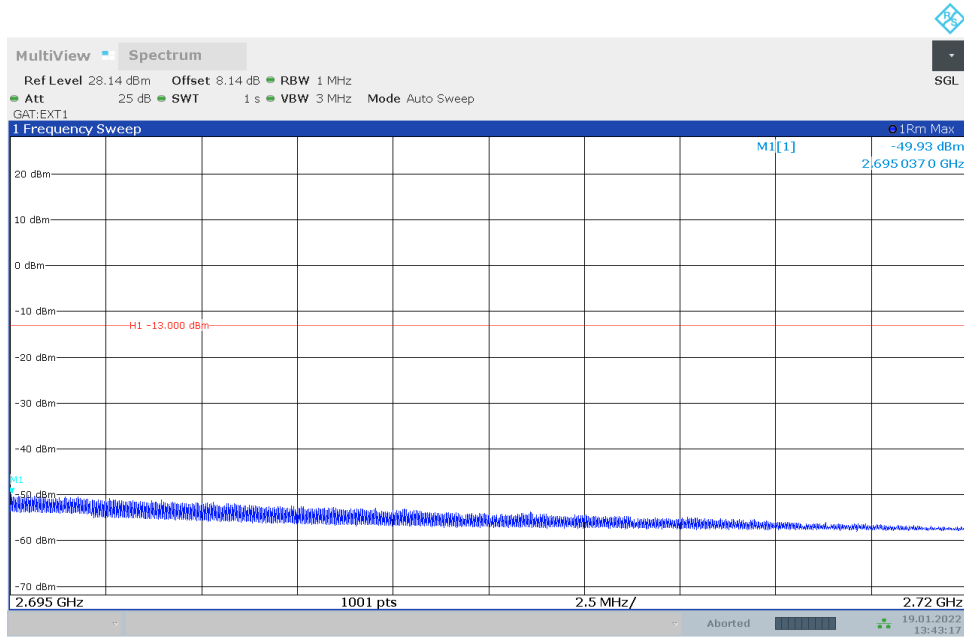
## 5.2.16 CA\_41C\_TM1\_HCH\_15MHZ\_15MHZ\_PCCRB0#0\_SCCRB75#0



13:42:46 19.01.2022

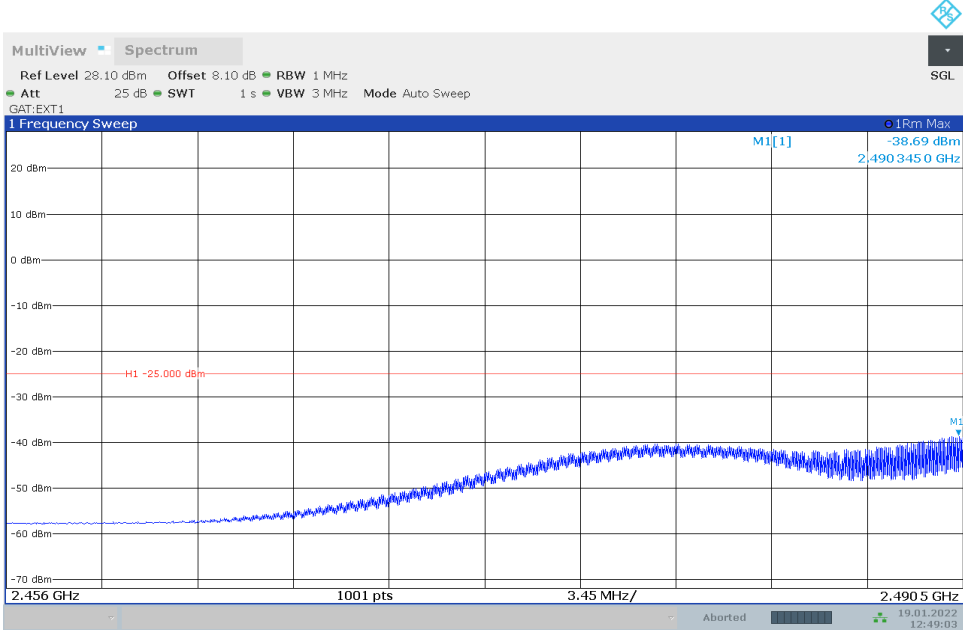


13:43:01 19.01.2022

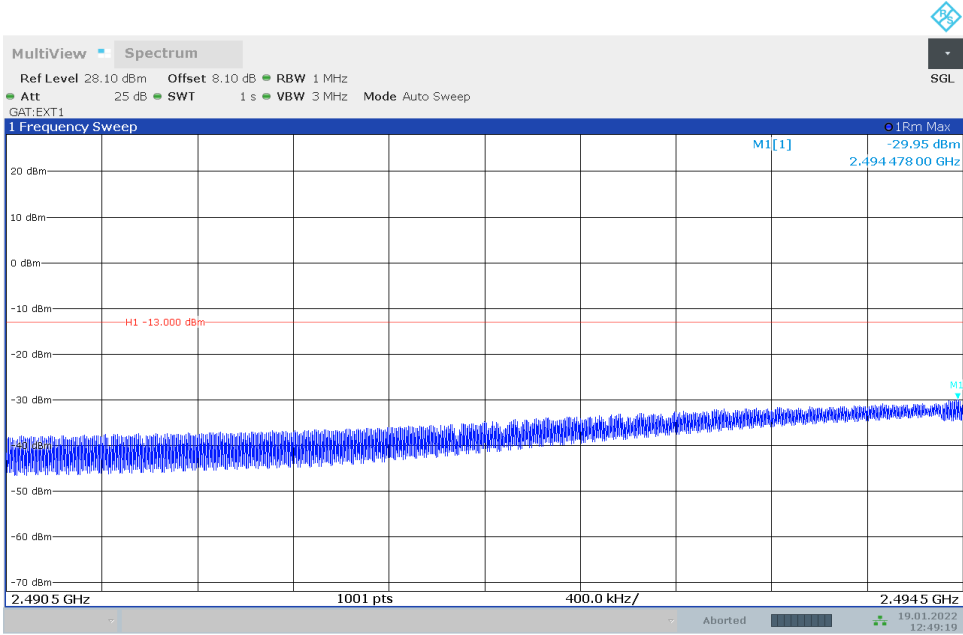


13:43:17 19.01.2022

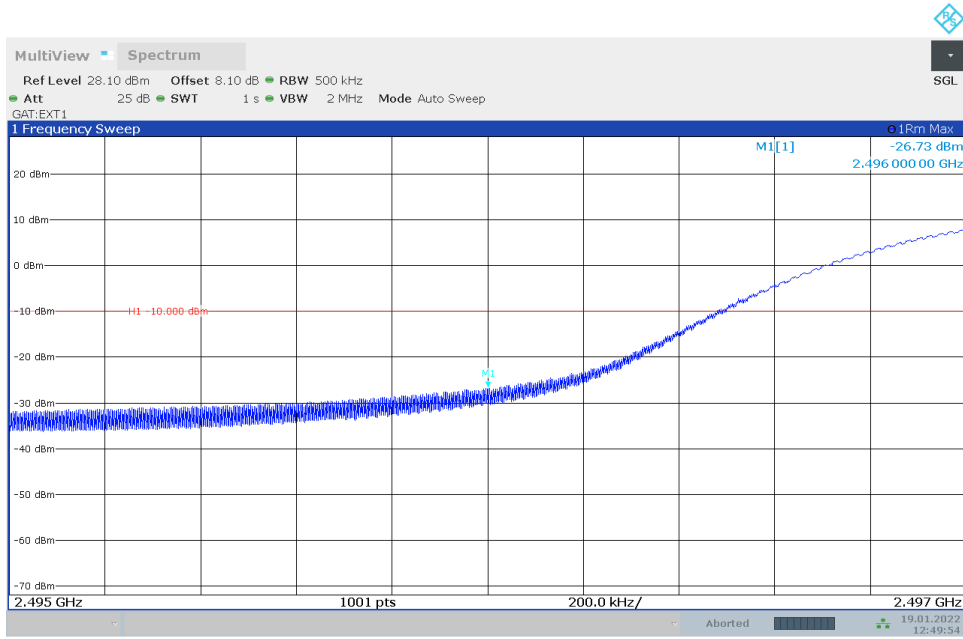
## 5.2.17 CA\_41C\_TM2\_LCH\_20MHZ\_20MHZ\_PCCRB100#0\_SCCRB100#0



12:49:04 19.01.2022

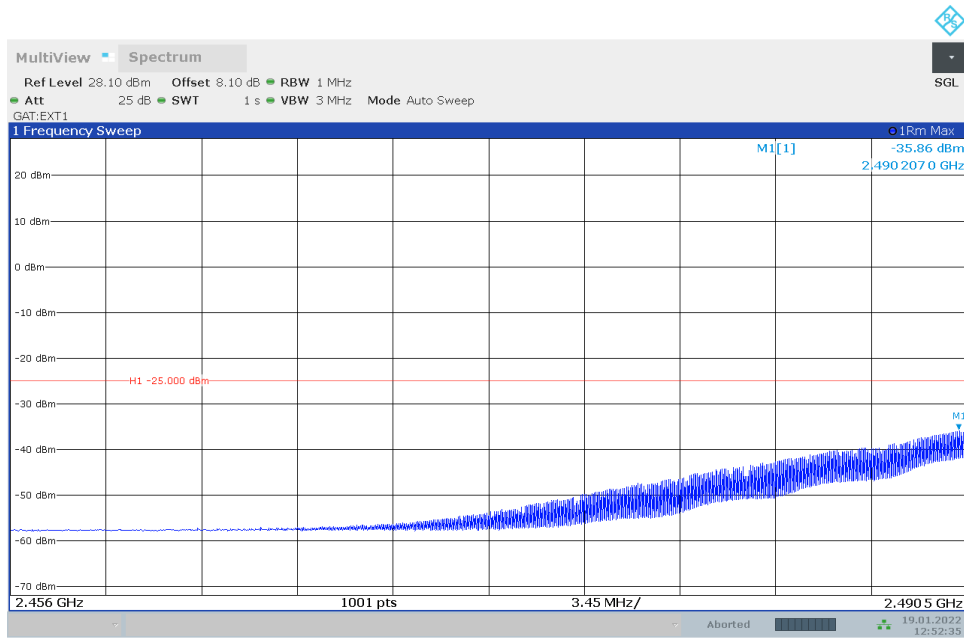


12:49:20 19.01.2022

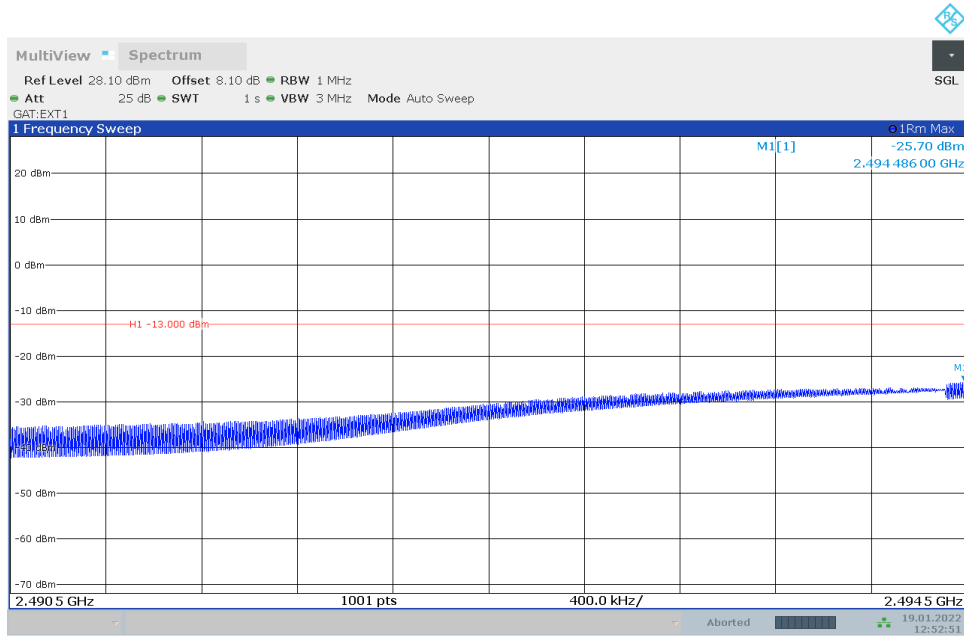


12:49:55 19.01.2022

## 5.2.18 CA\_41C\_TM2\_LCH\_20MHZ\_20MHZ\_PCCRB1#0\_SCCRB0#0

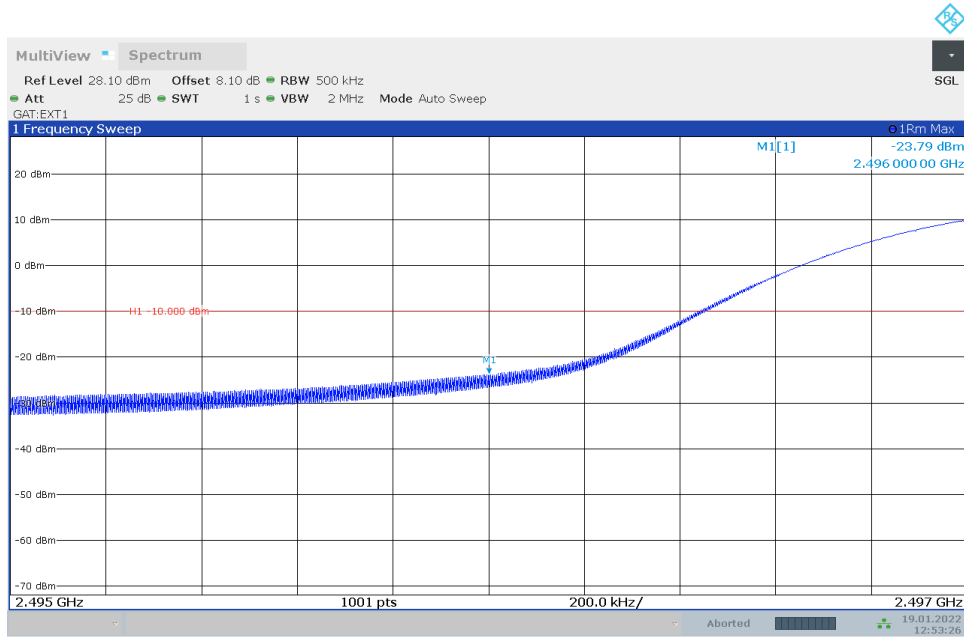


12:52:36 19.01.2022



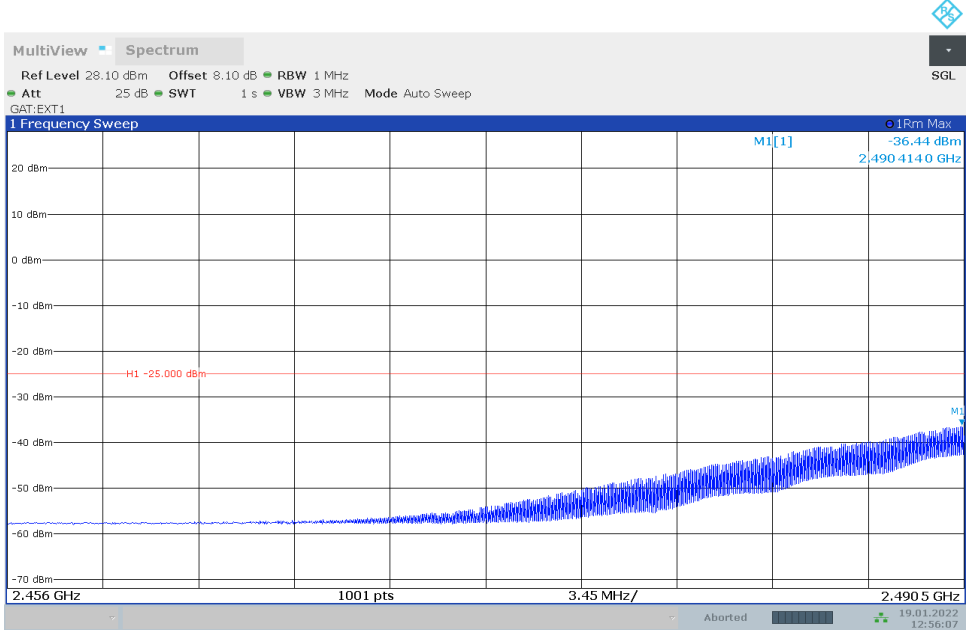
12:52:52 19.01.2022



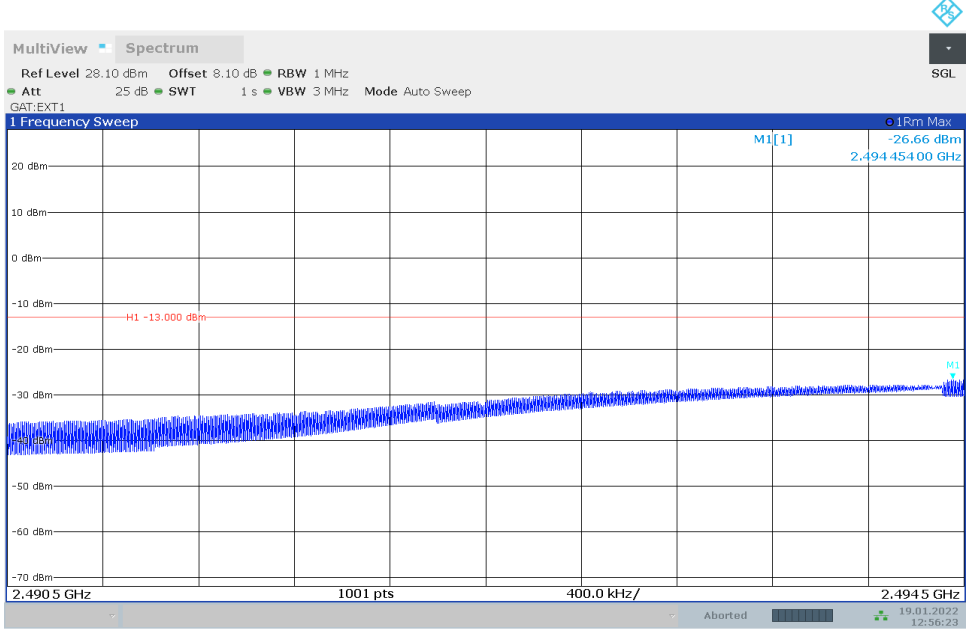


12:53:27 19.01.2022

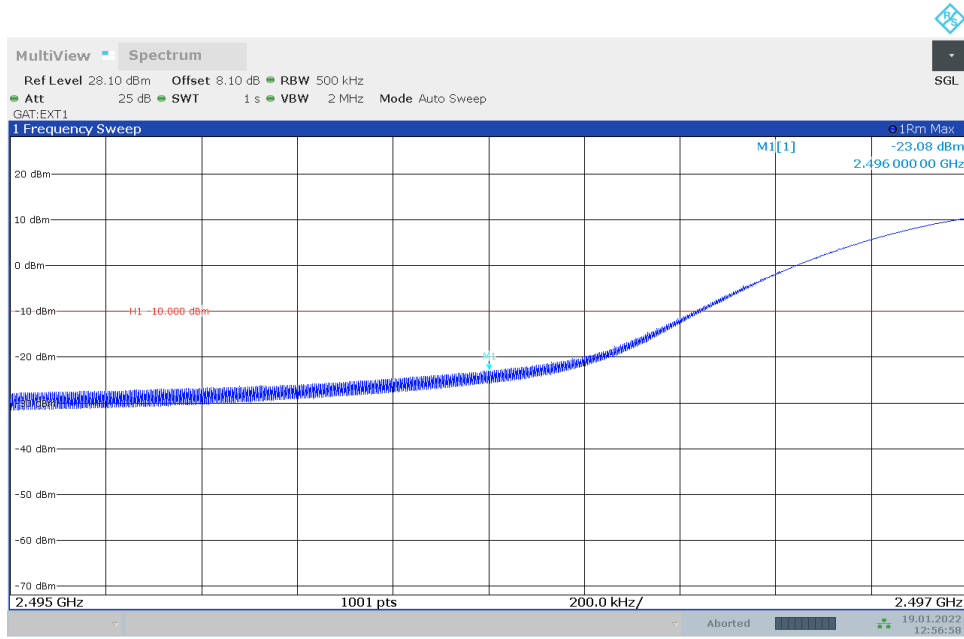
## 5.2.19 CA\_41C\_TM2\_LCH\_20MHZ\_20MHZ\_PCCRB18#0\_SCCRB0#0



12:56:08 19.01.2022

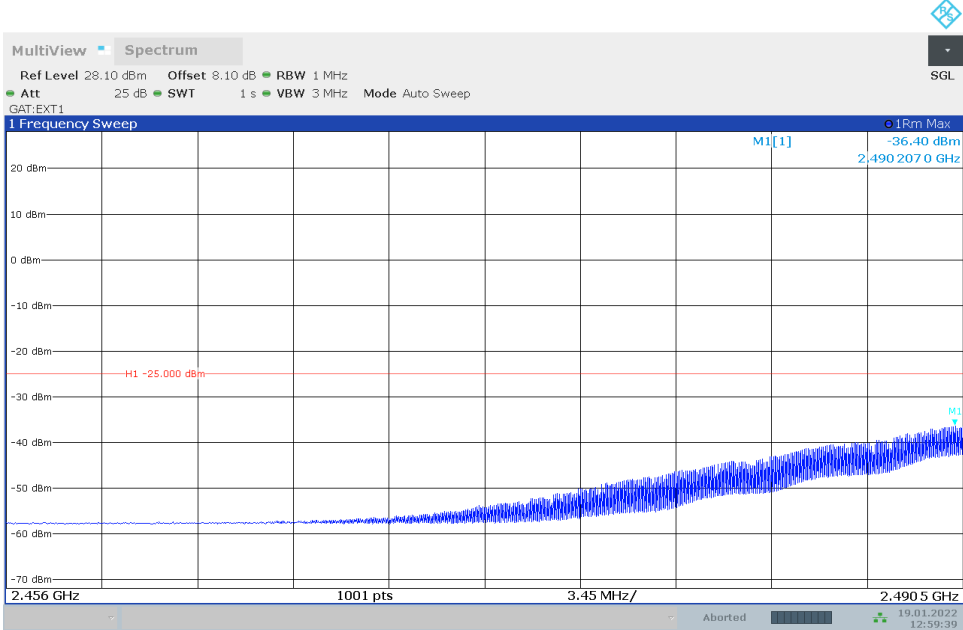


12:56:24 19.01.2022

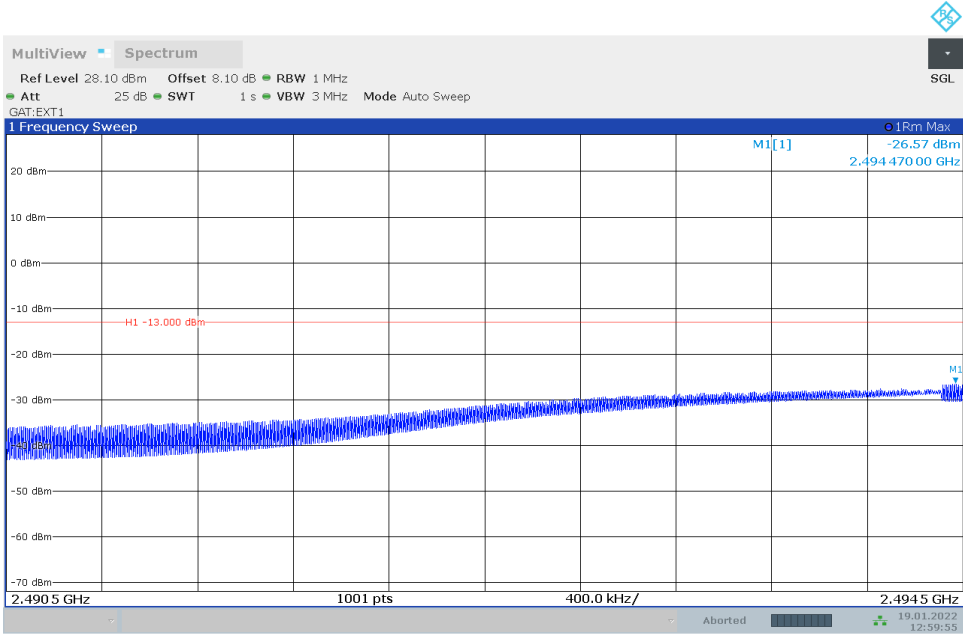


12:56:59 19.01.2022

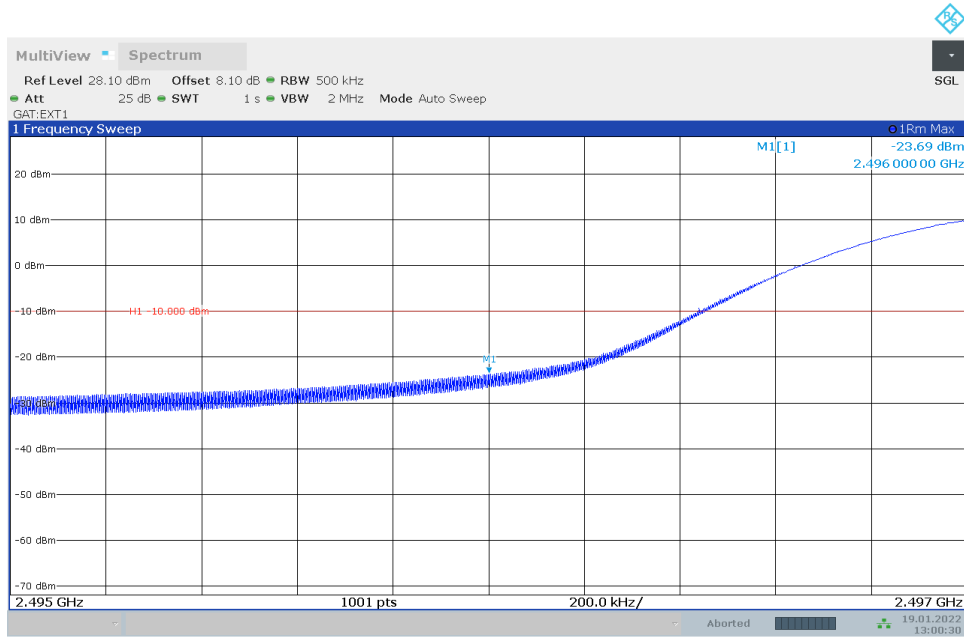
## 5.2.20 CA\_41C\_TM2\_LCH\_20MHZ\_20MHZ\_PCCRB100#0\_SCCRB0#0



12:59:40 19.01.2022

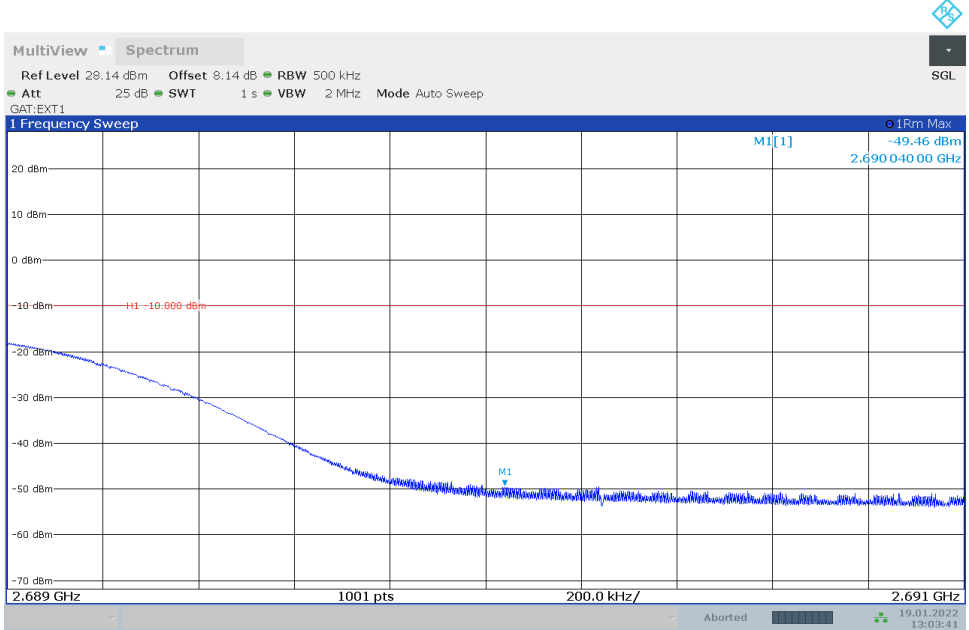


12:59:55 19.01.2022

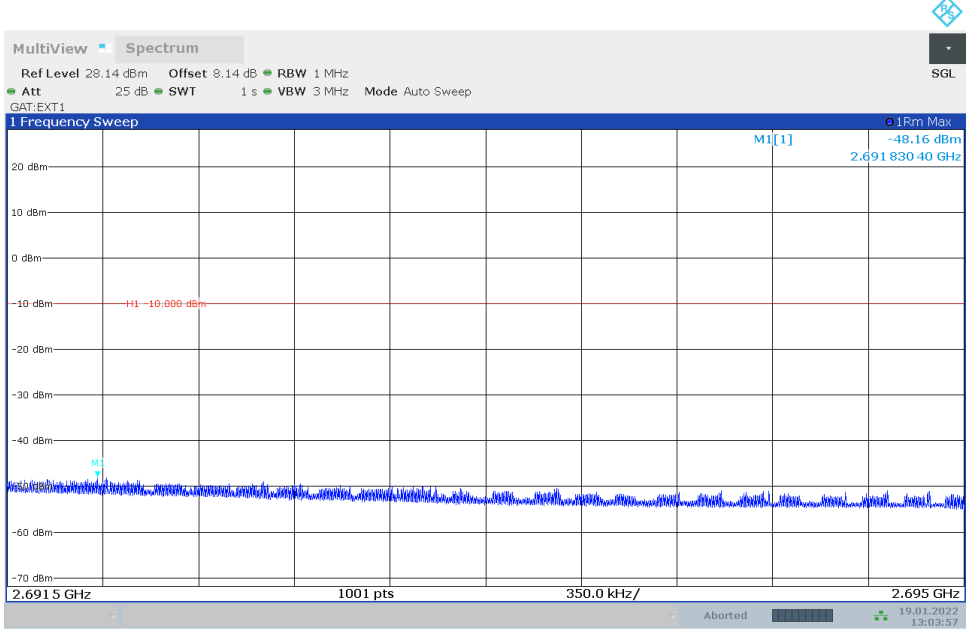


13:00:30 19.01.2022

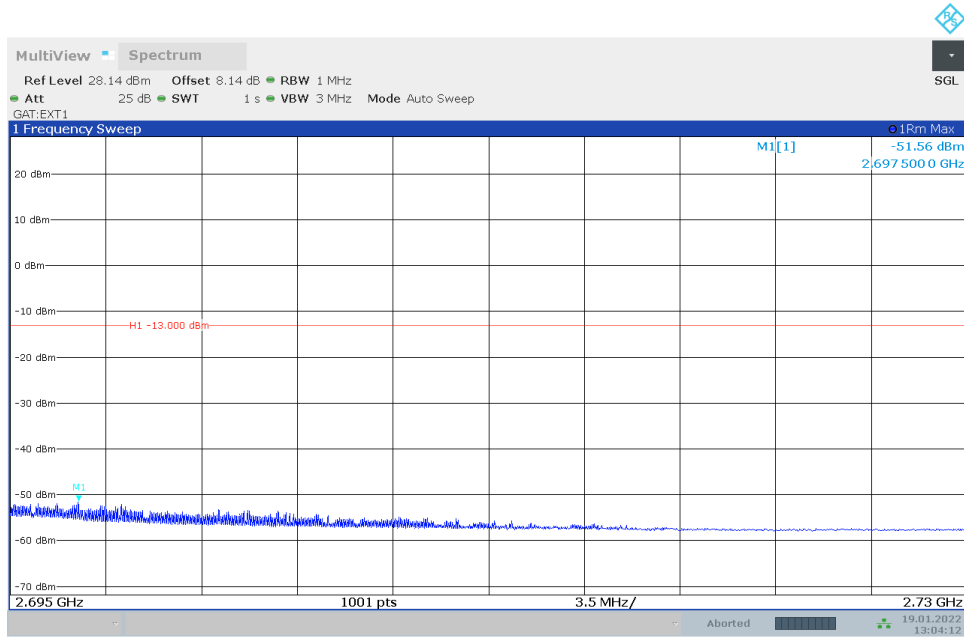
## 5.2.21 CA\_41C\_TM2\_HCH\_20MHZ\_20MHZ\_PCCRB100#0\_SCCRB100#0



13:03:41 19.01.2022

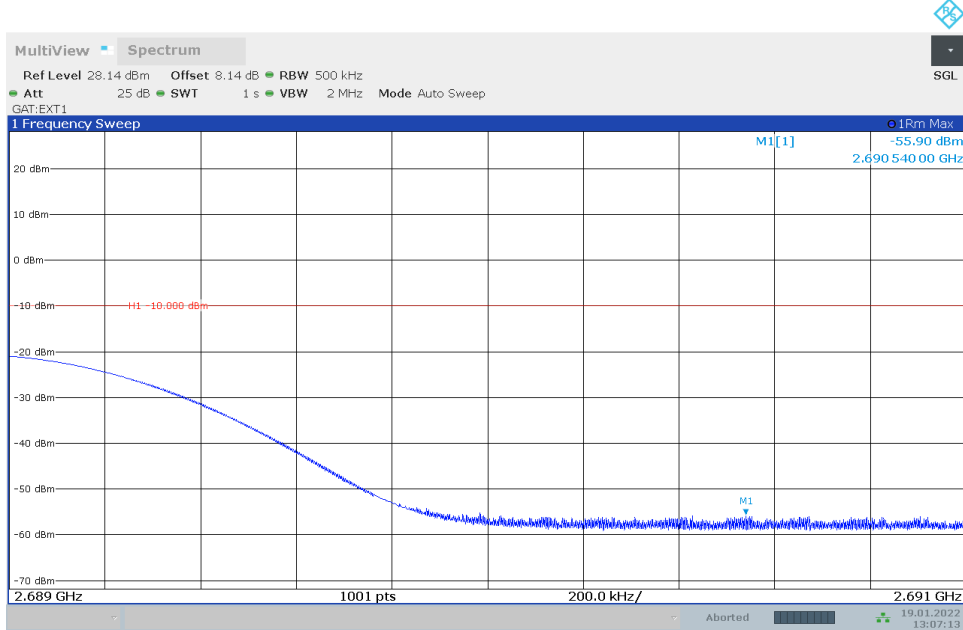


13:03:57 19.01.2022

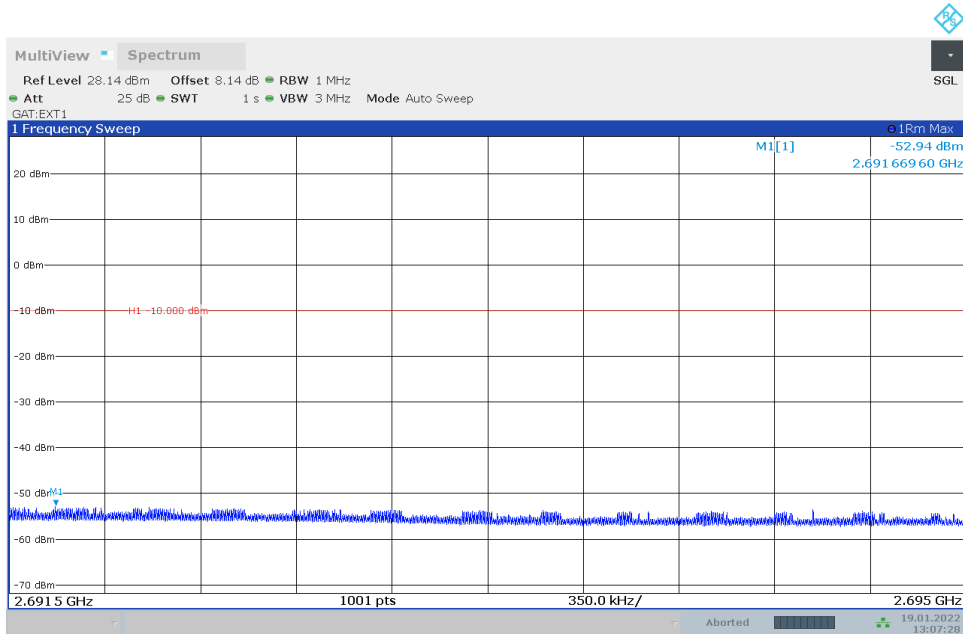


13:04:13 19.01.2022

## 5.2.22 CA\_41C\_TM2\_HCH\_20MHZ\_20MHZ\_PCCRB0#0\_SCCRB1#99

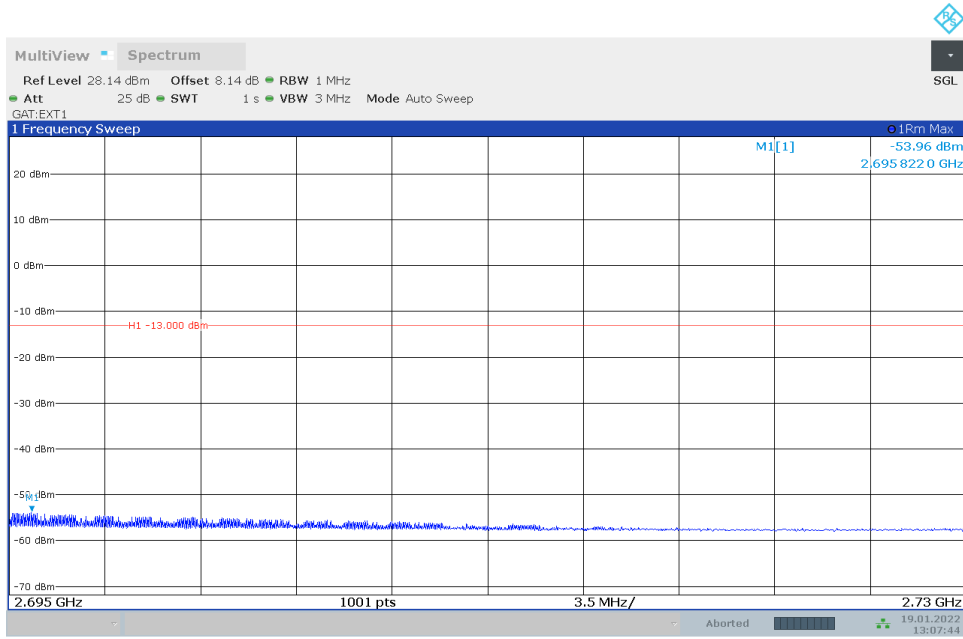


13:07:13 19.01.2022



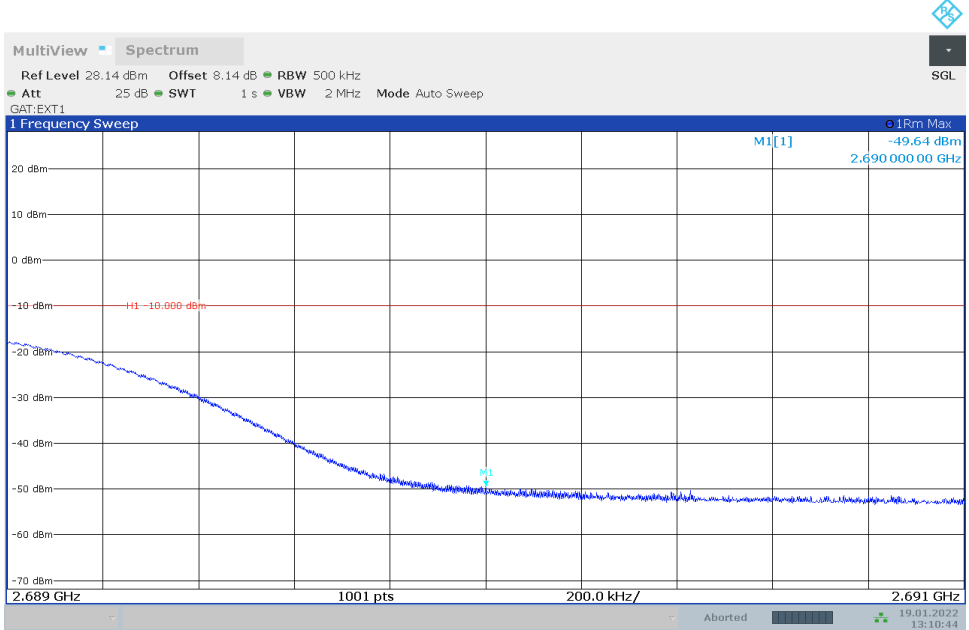
13:07:29 19.01.2022



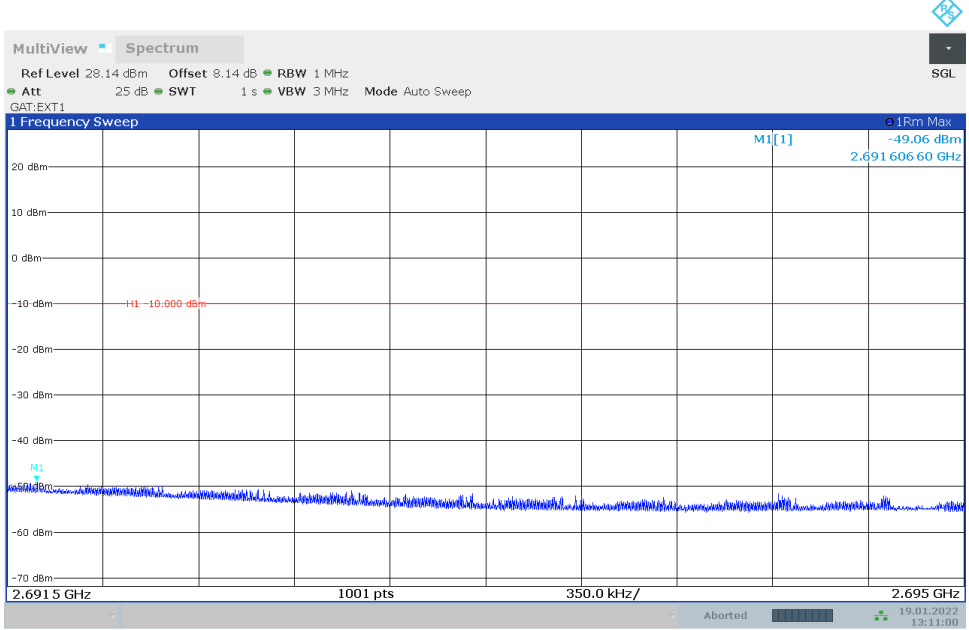


13:07:45 19.01.2022

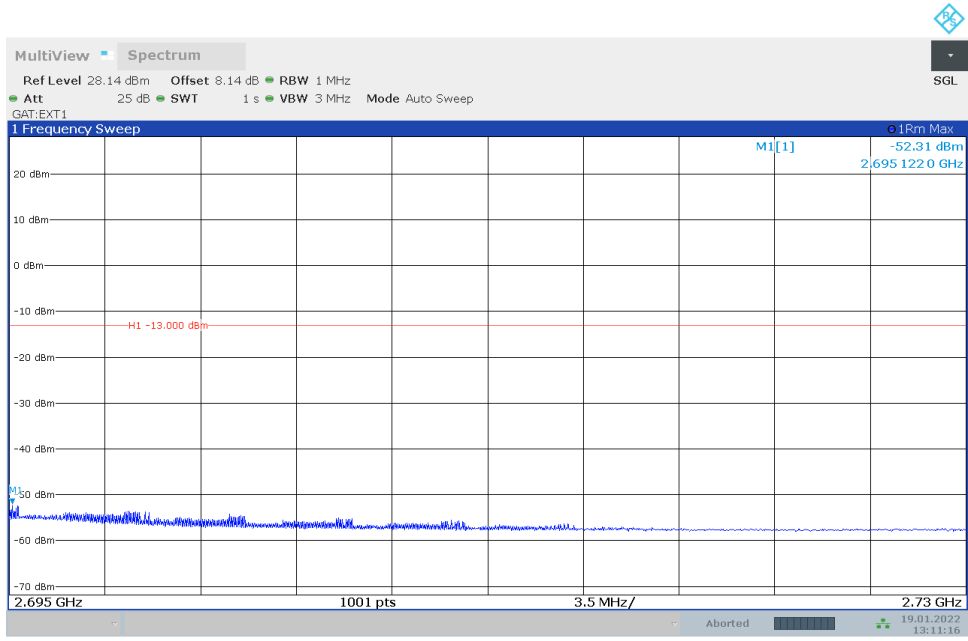
## 5.2.23 CA\_41C\_TM2\_HCH\_20MHZ\_20MHZ\_PCCRB0#0\_SCCRB18#82



13:10:45 19.01.2022

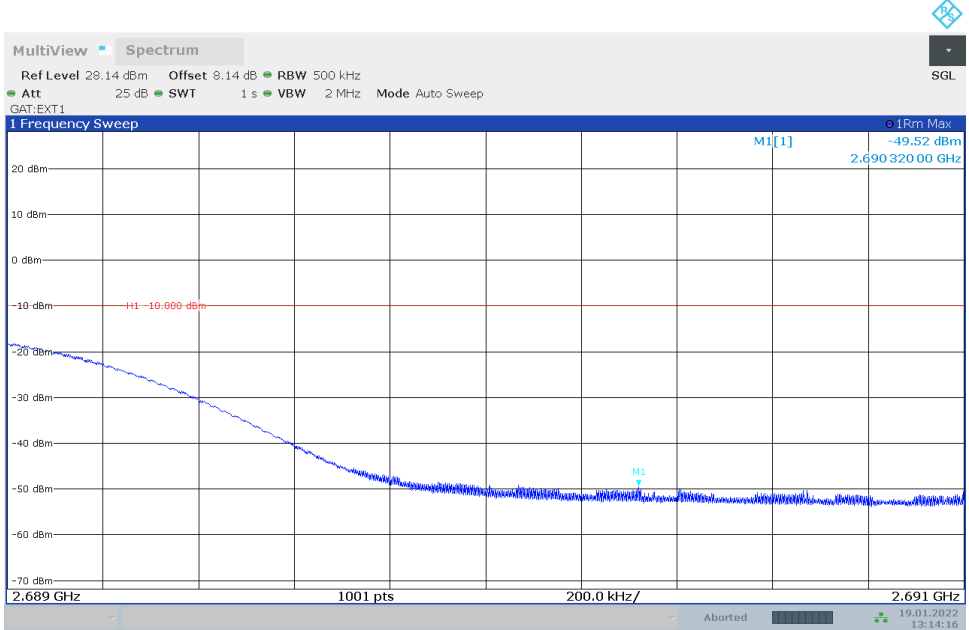


13:11:01 19.01.2022

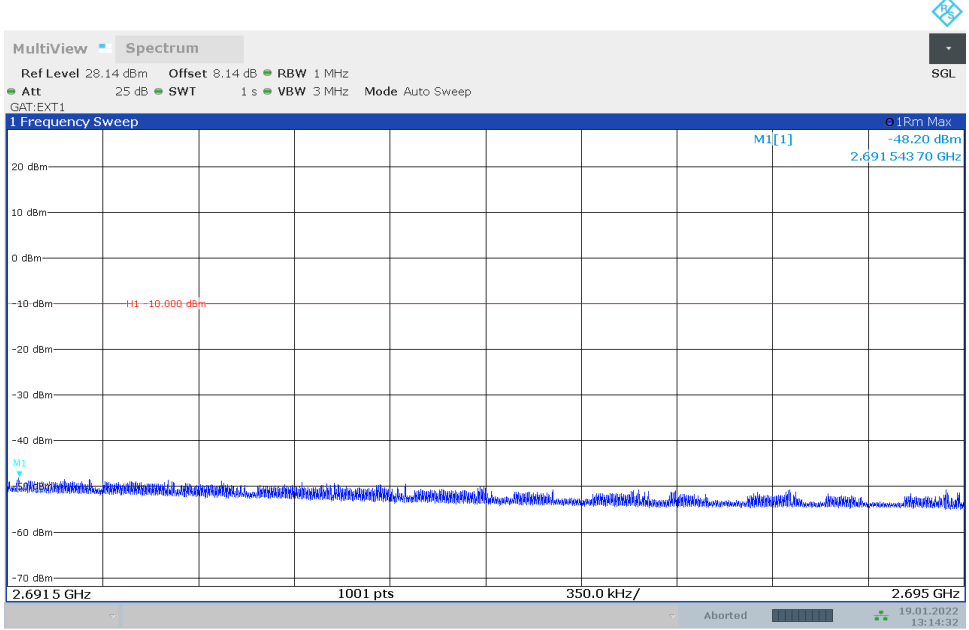


13:11:17 19.01.2022

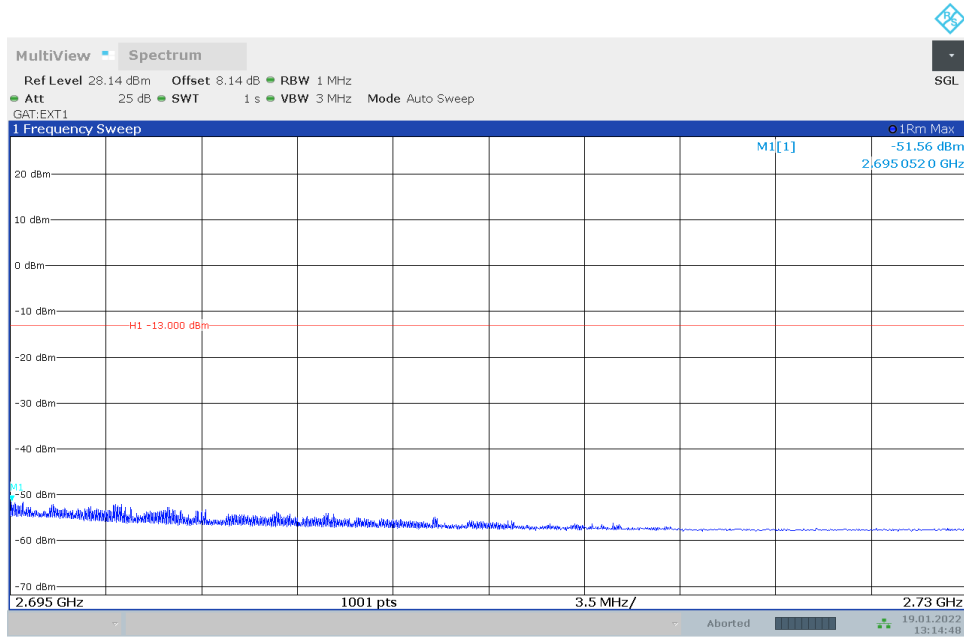
## 5.2.24 CA\_41C\_TM2\_HCH\_20MHZ\_20MHZ\_PCCRB0#0\_SCCRB100#0



13:14:17 19.01.2022

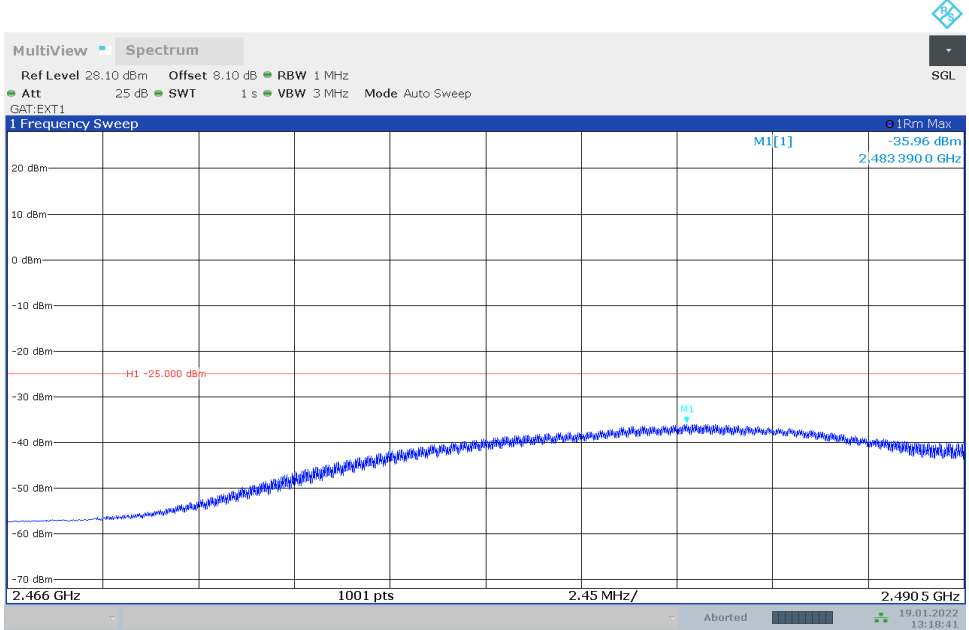


13:14:33 19.01.2022

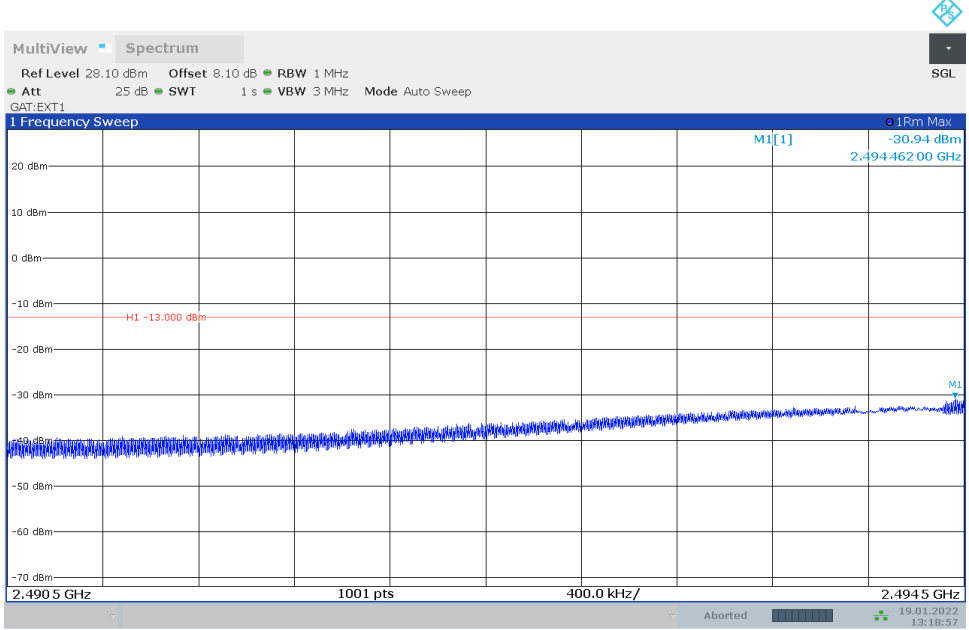


13:14:49 19.01.2022

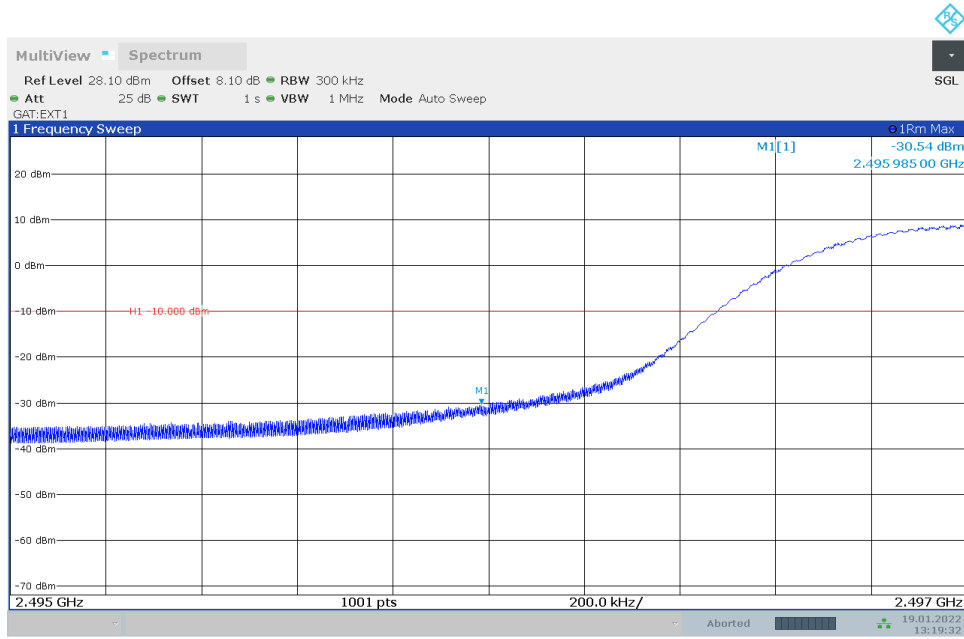
## 5.2.25 CA\_41C\_TM2\_LCH\_15MHZ\_15MHZ\_PCCRB75#0\_SCCRB75#0



13:18:42 19.01.2022

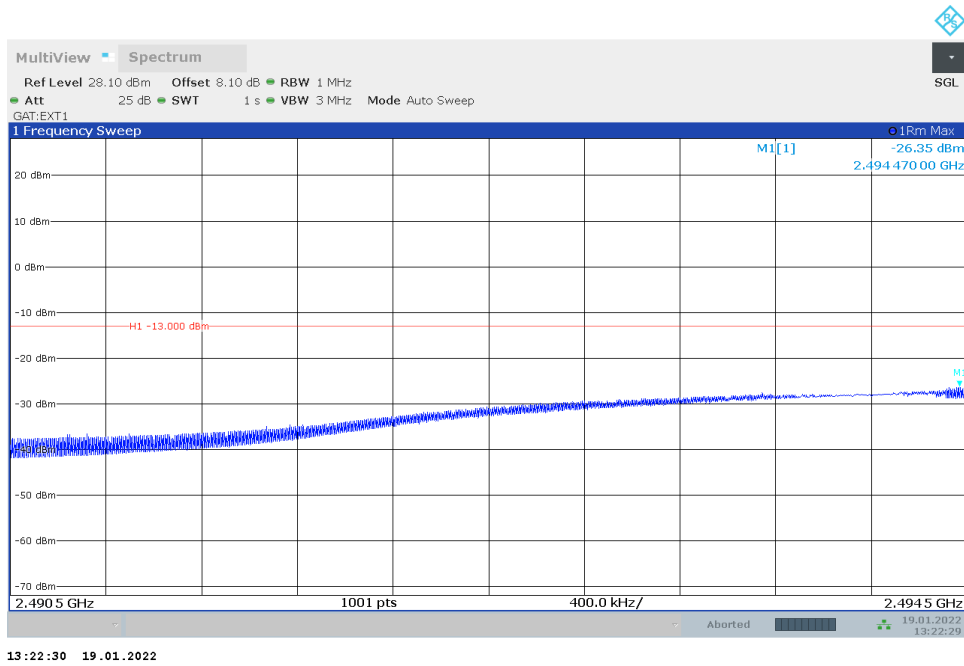
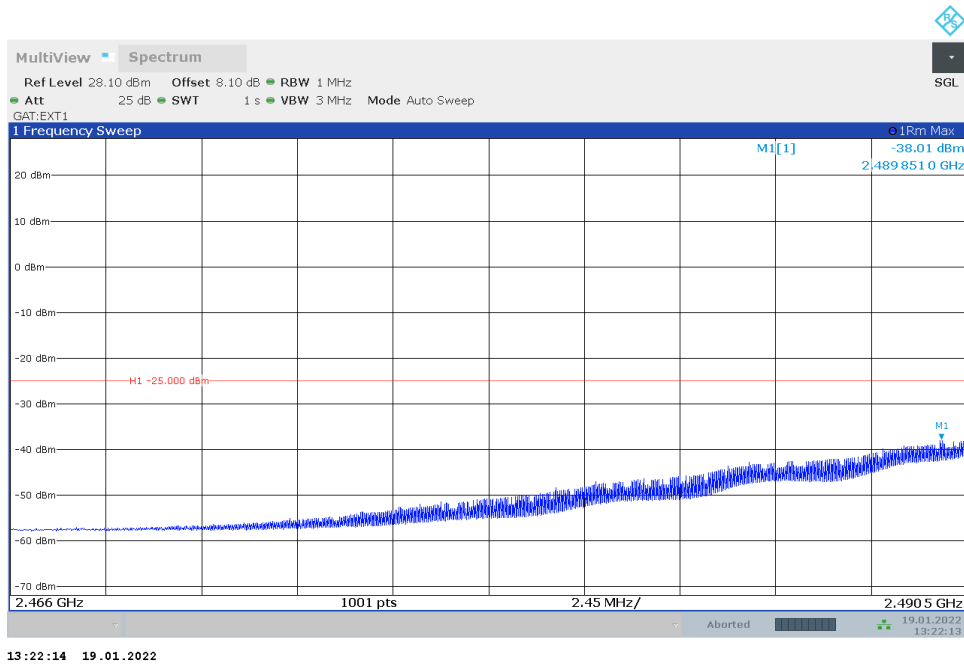


13:18:58 19.01.2022

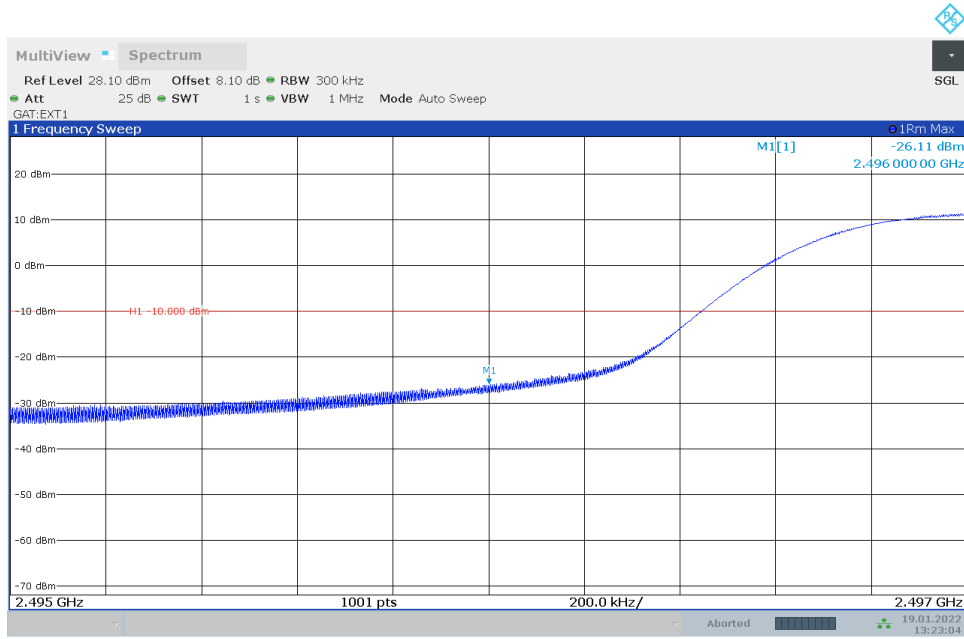


13:19:33 19.01.2022

## 5.2.26 CA\_41C\_TM2\_LCH\_15MHZ\_15MHZ\_PCCRB1#0\_SCCRB0#0

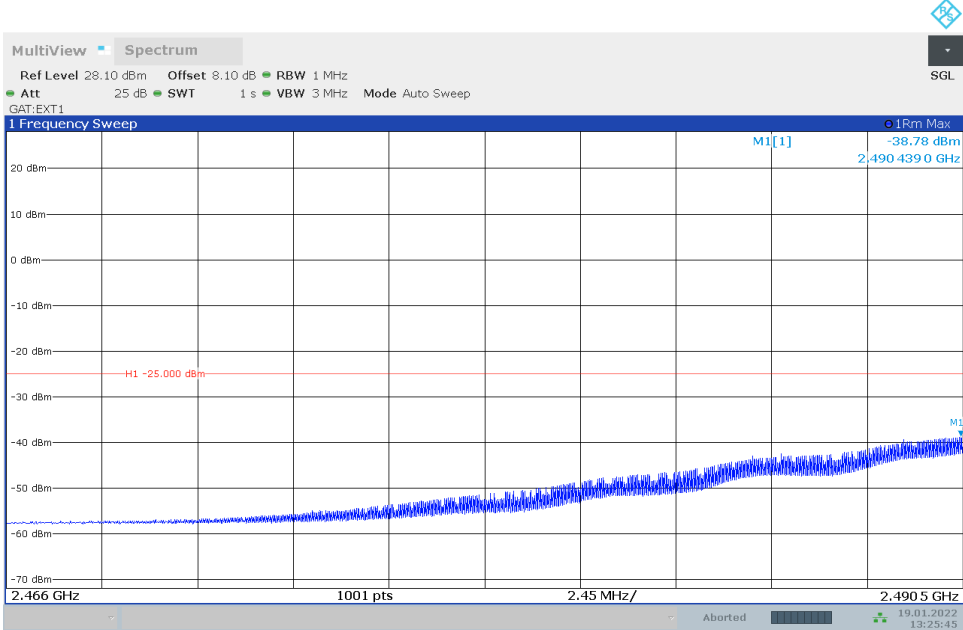




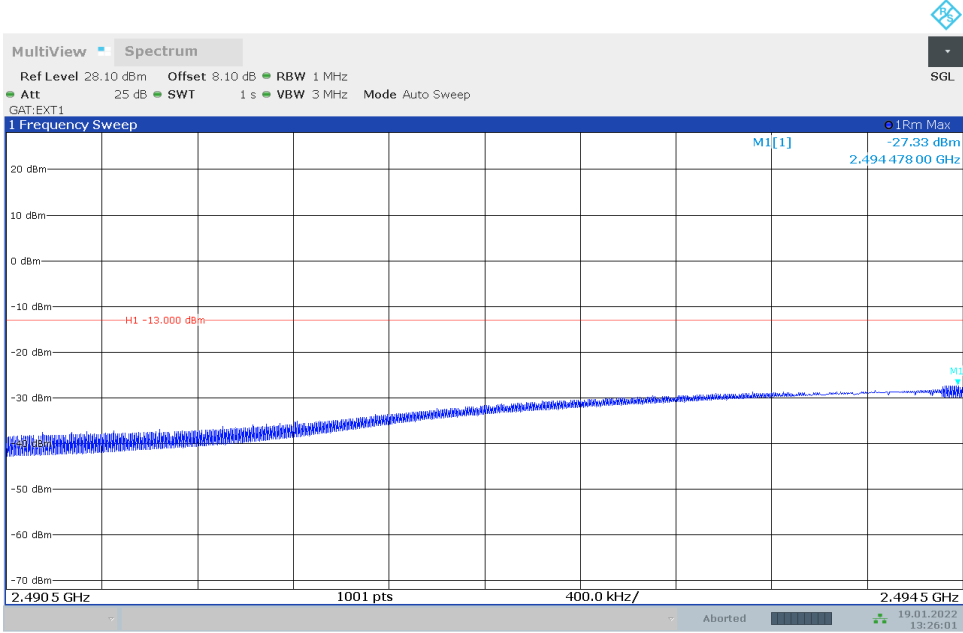


13:23:05 19.01.2022

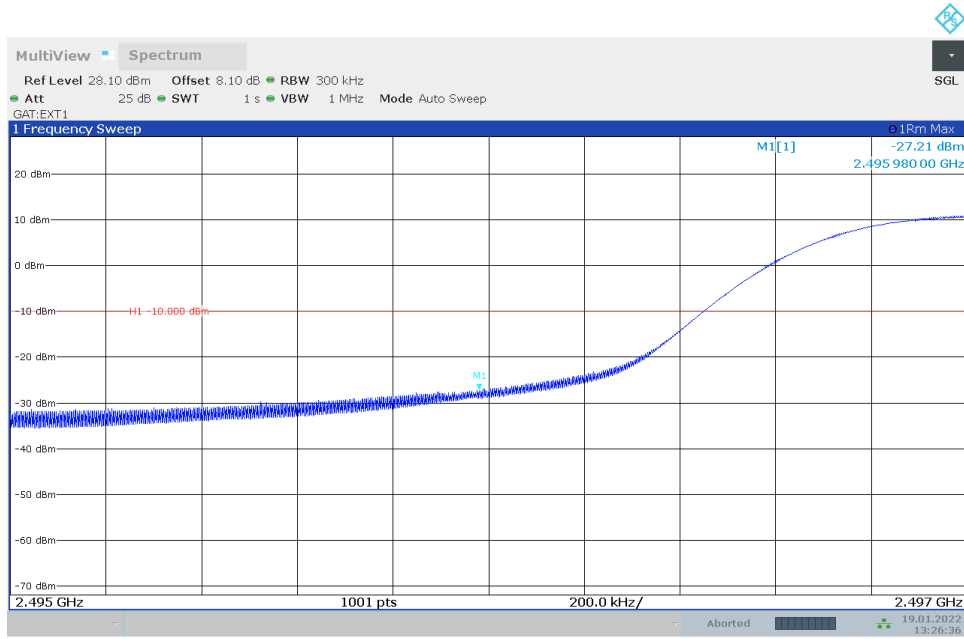
## 5.2.27 CA\_41C\_TM2\_LCH\_15MHZ\_15MHZ\_PCCRB16#0\_SCCRB0#0



13:25:46 19.01.2022

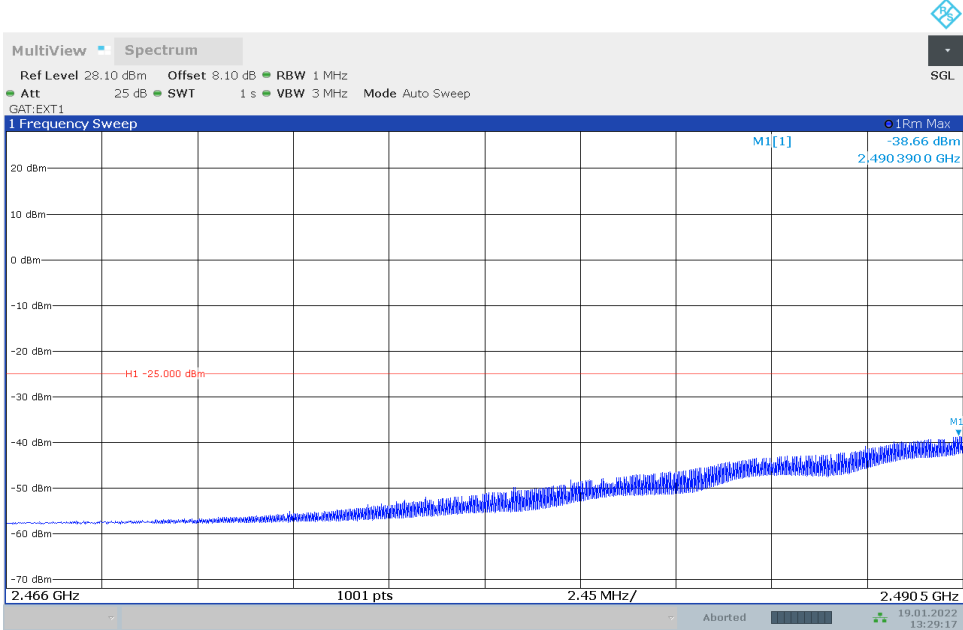


13:26:02 19.01.2022

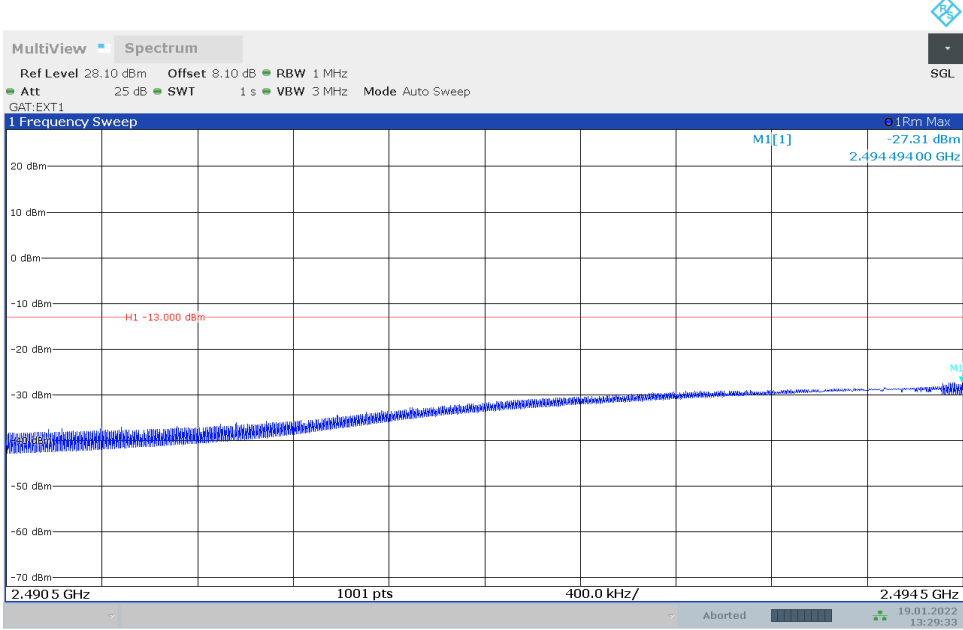


13:26:37 19.01.2022

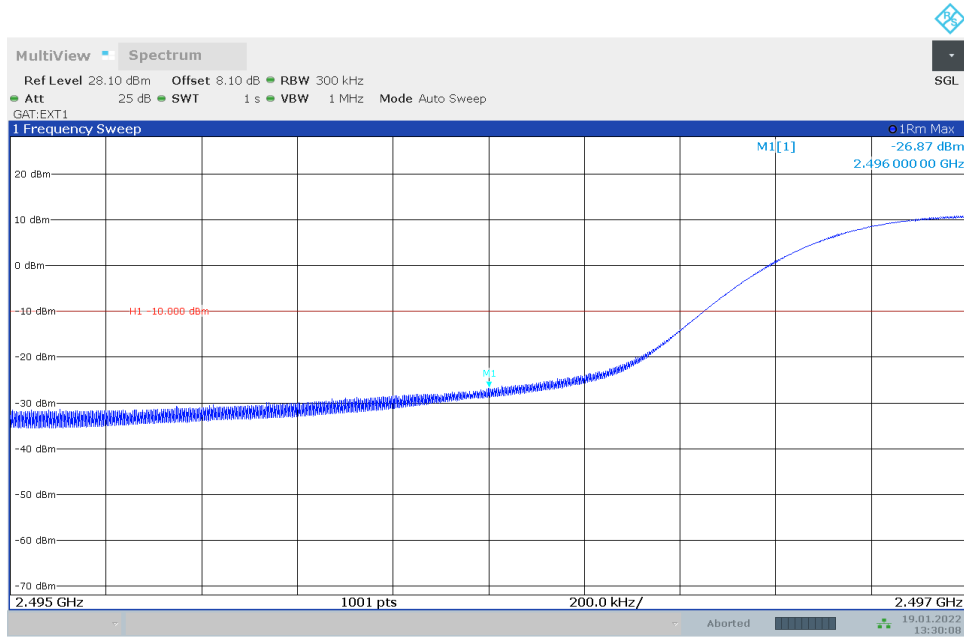
## 5.2.28 CA\_41C\_TM2\_LCH\_15MHZ\_15MHZ\_PCCRB75#0\_SCCRB0#0



13:29:18 19.01.2022

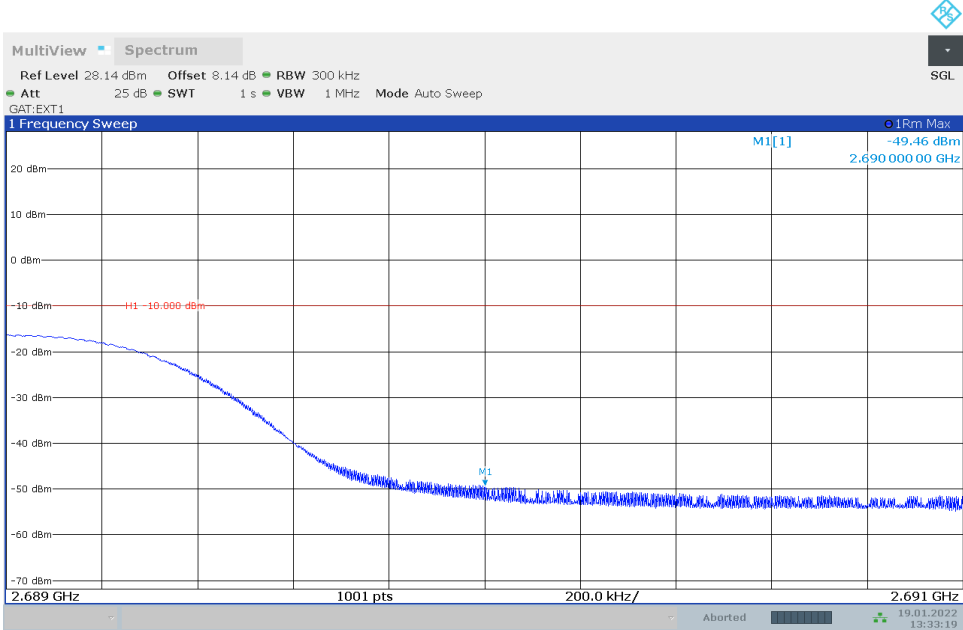


13:29:34 19.01.2022

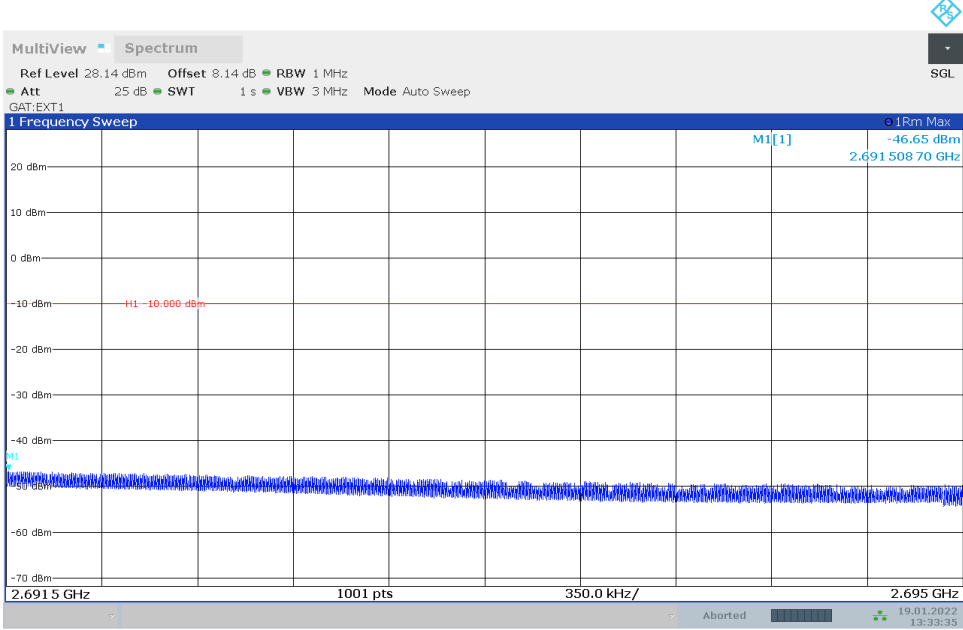


13:30:09 19.01.2022

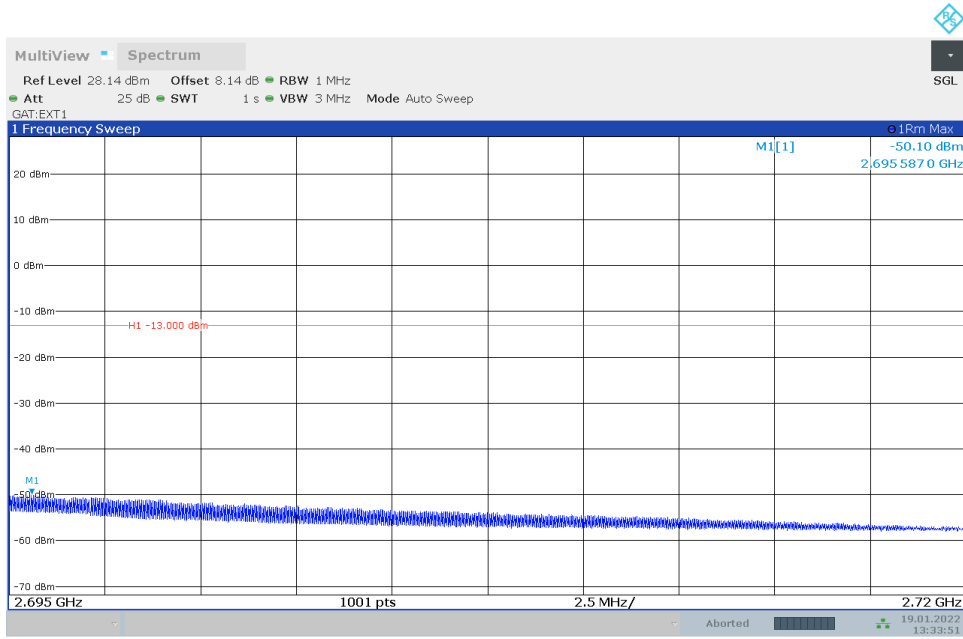
## 5.2.29 CA\_41C\_TM2\_HCH\_15MHZ\_15MHZ\_PCCRB75#0\_SCCRB75#0



13:33:20 19.01.2022

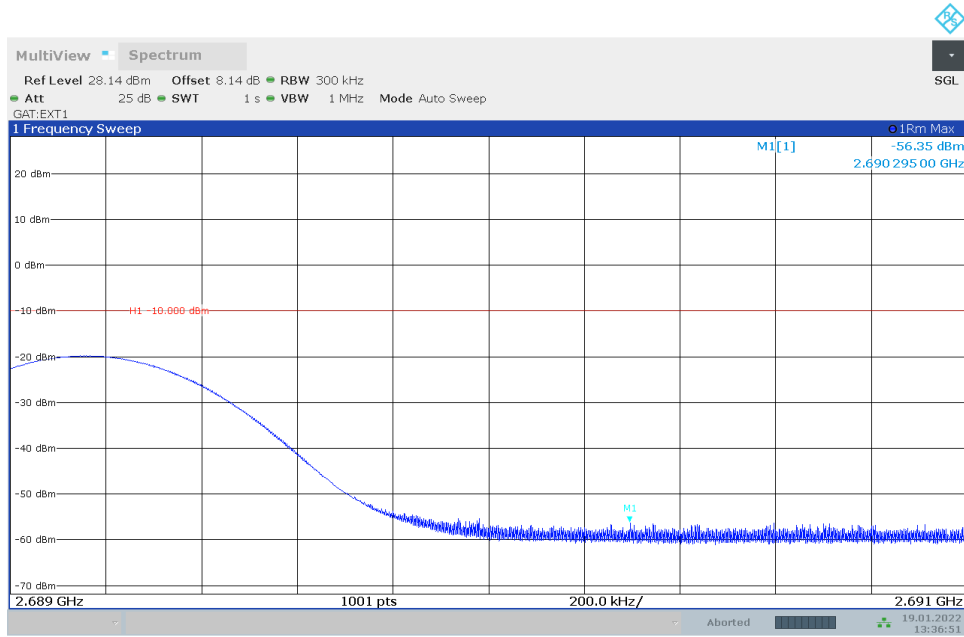


13:33:36 19.01.2022

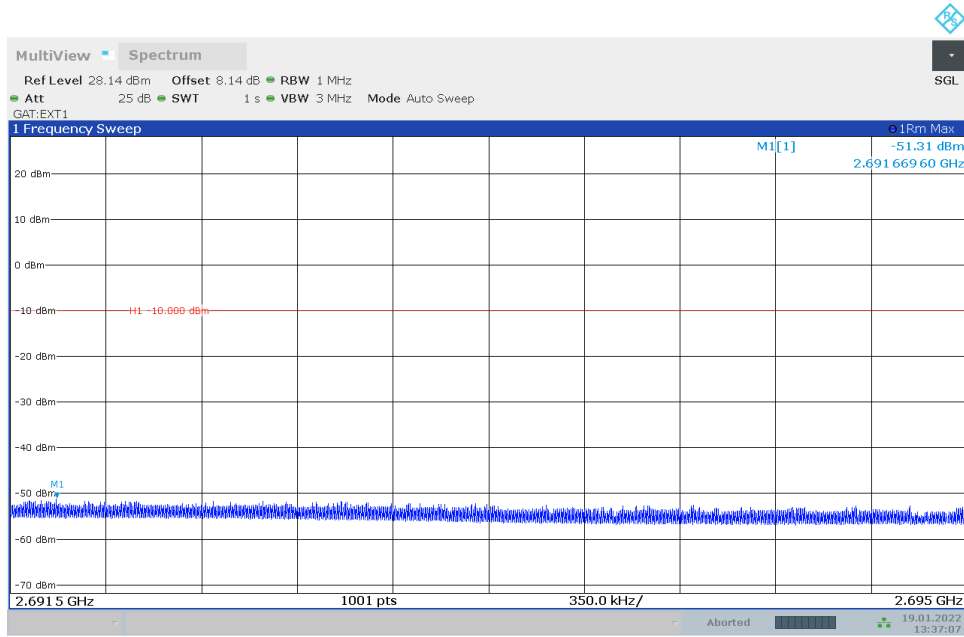


13:33:52 19.01.2022

## 5.2.30 CA\_41C\_TM2\_HCH\_15MHZ\_15MHZ\_PCCRB0#0\_SCCRB1#74

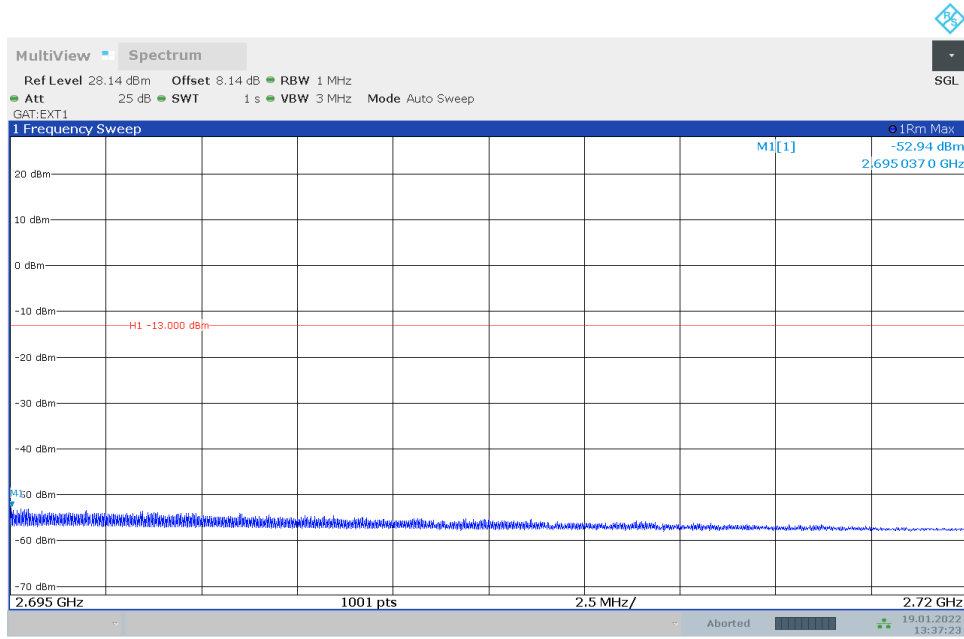


13:36:52 19.01.2022



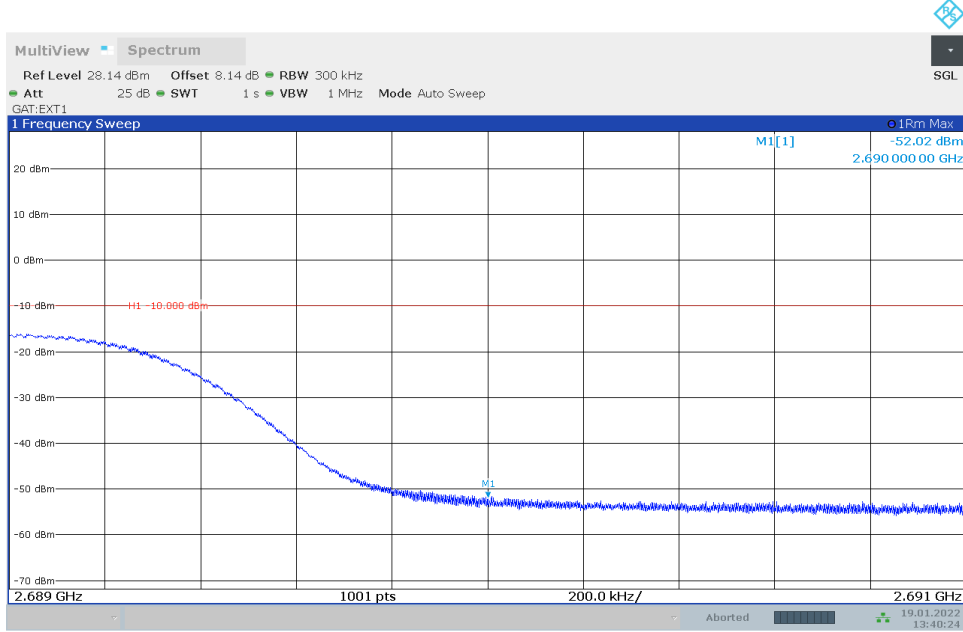
13:37:08 19.01.2022



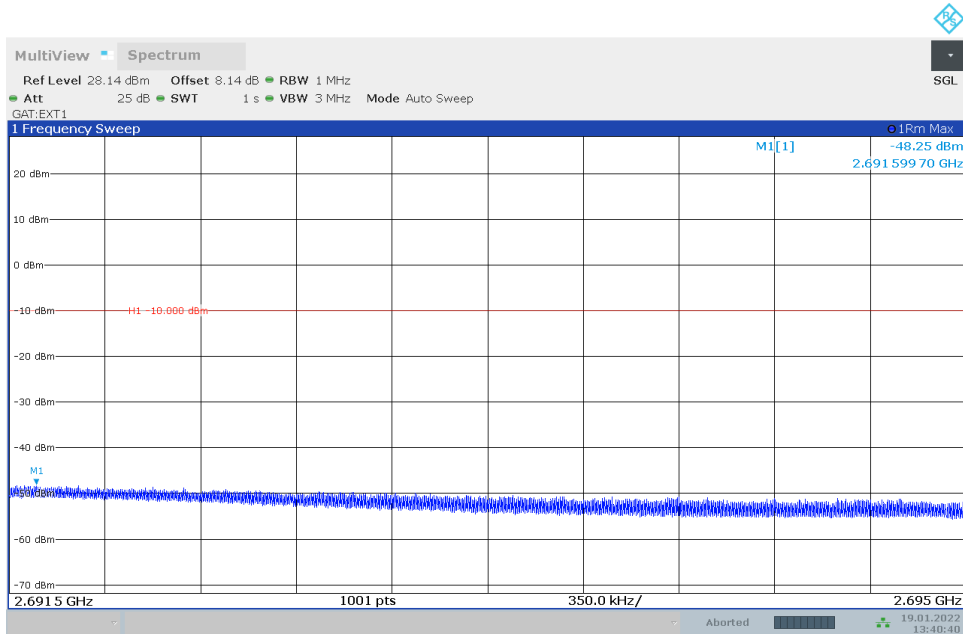


13:37:24 19.01.2022

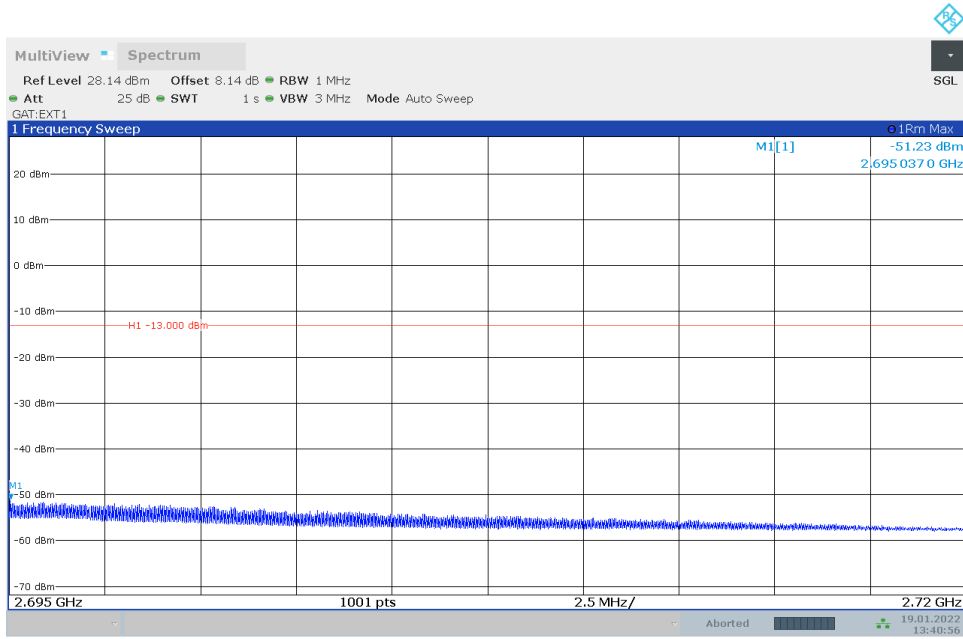
## 5.2.31 CA\_41C\_TM2\_HCH\_15MHZ\_15MHZ\_PCCRB0#0\_SCCRB16#59



13:40:24 19.01.2022

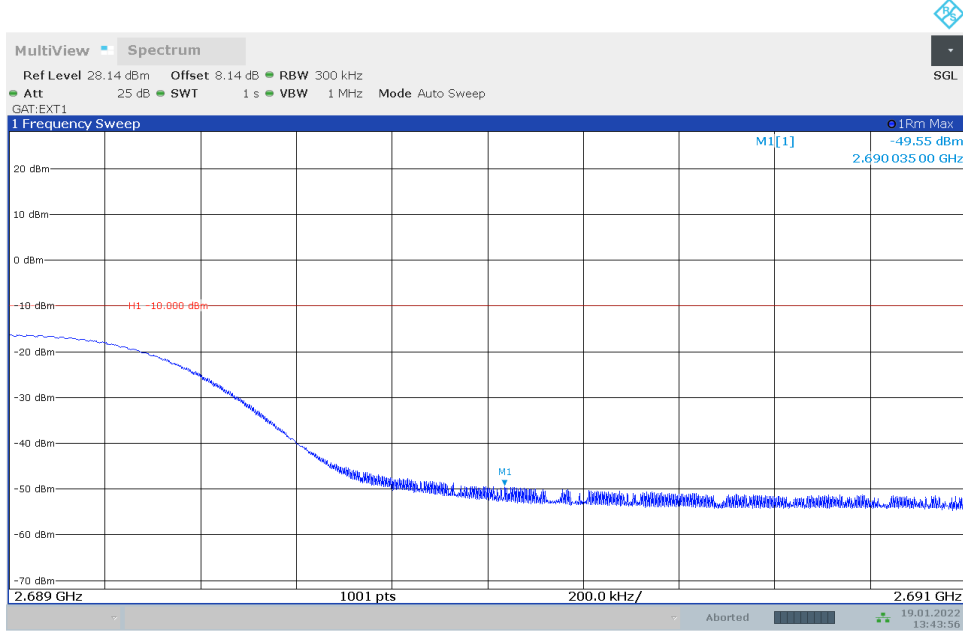


13:40:40 19.01.2022

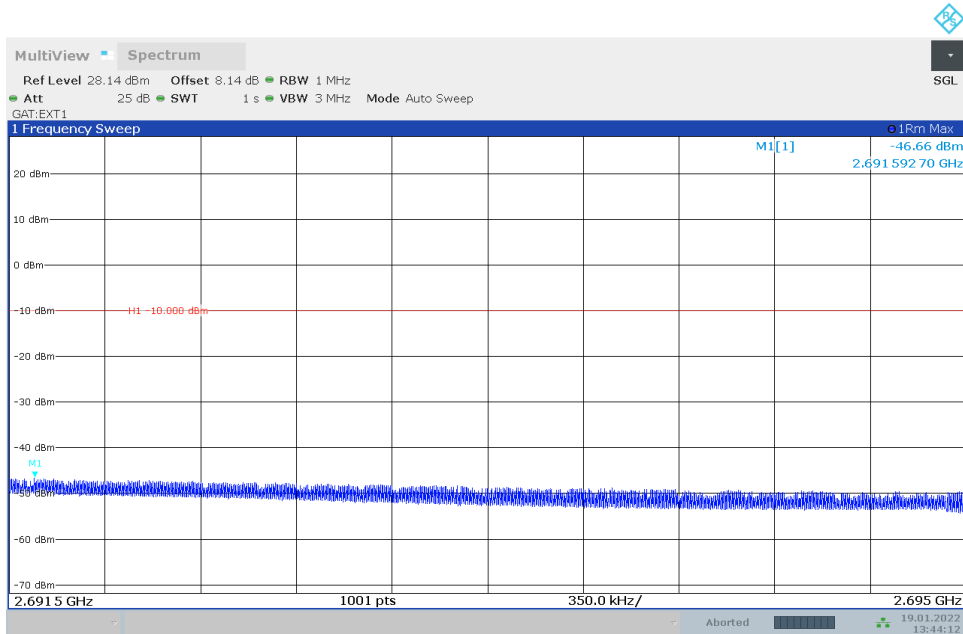


13:40:56 19.01.2022

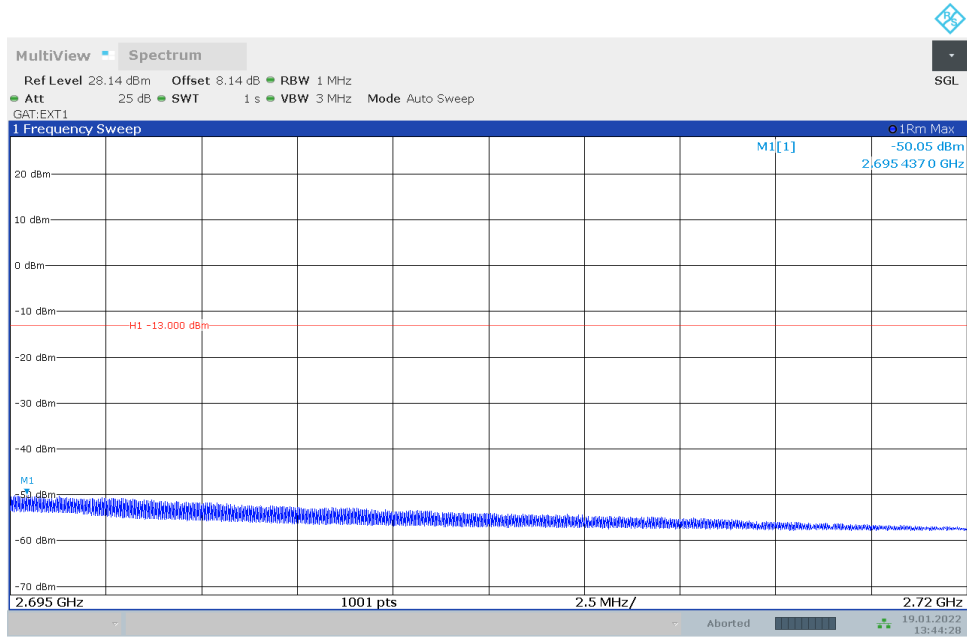
## 5.2.32 CA\_41C\_TM2\_HCH\_15MHZ\_15MHZ\_PCCRB0#0\_SCCRB75#0



13:43:56 19.01.2022

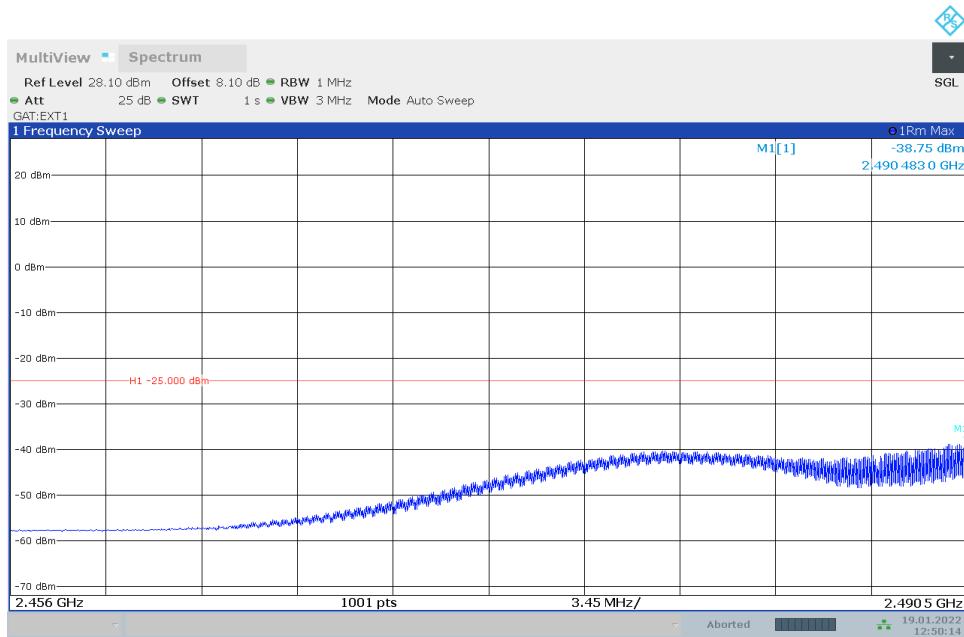


13:44:12 19.01.2022

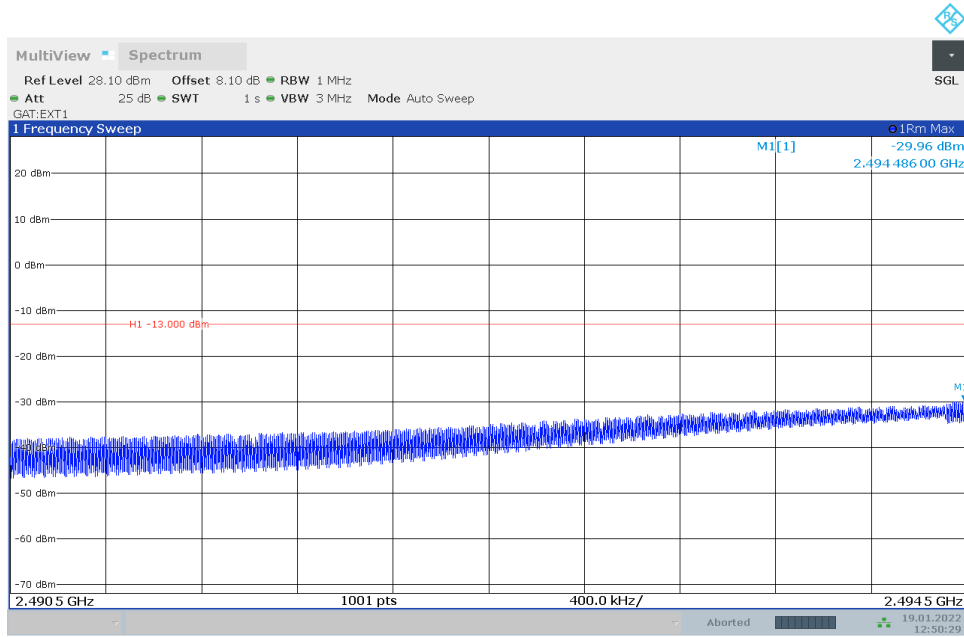


13:44:28 19.01.2022

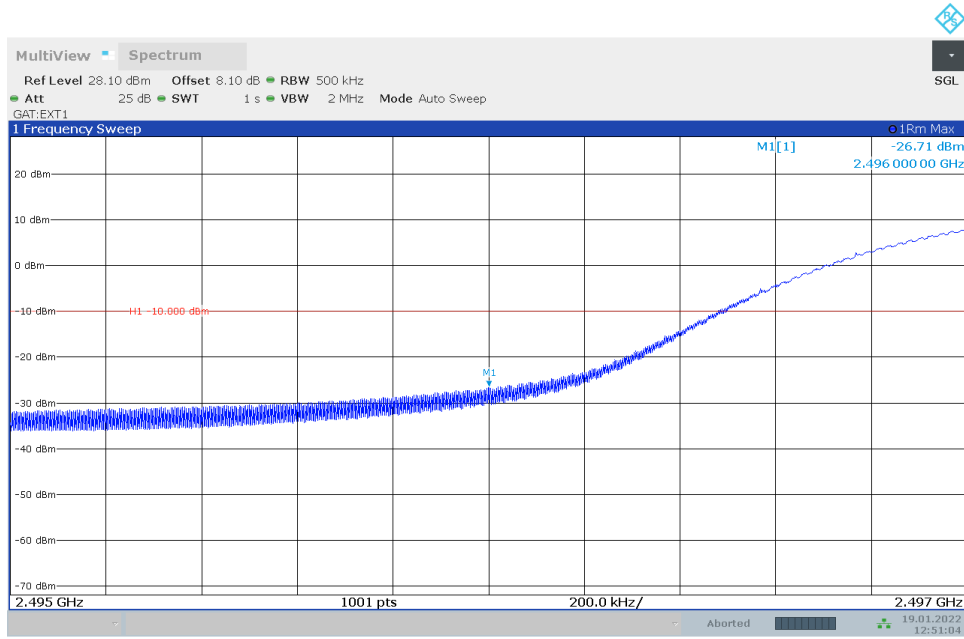
## 5.2.33 CA\_41C\_TM3\_LCH\_20MHZ\_20MHZ\_PCCRB100#0\_SCCRB100#0



12:50:14 19.01.2022

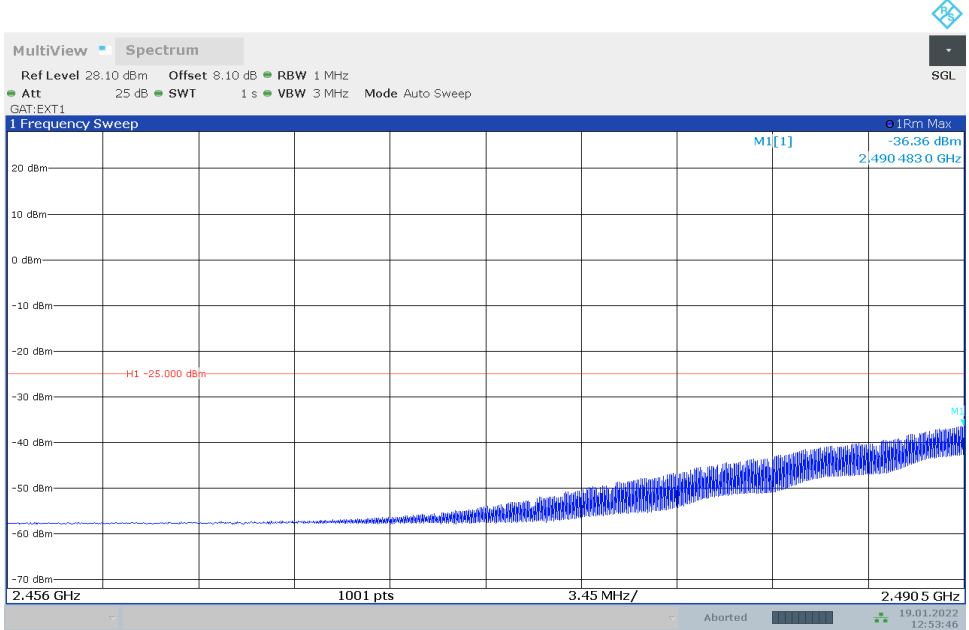


12:50:30 19.01.2022

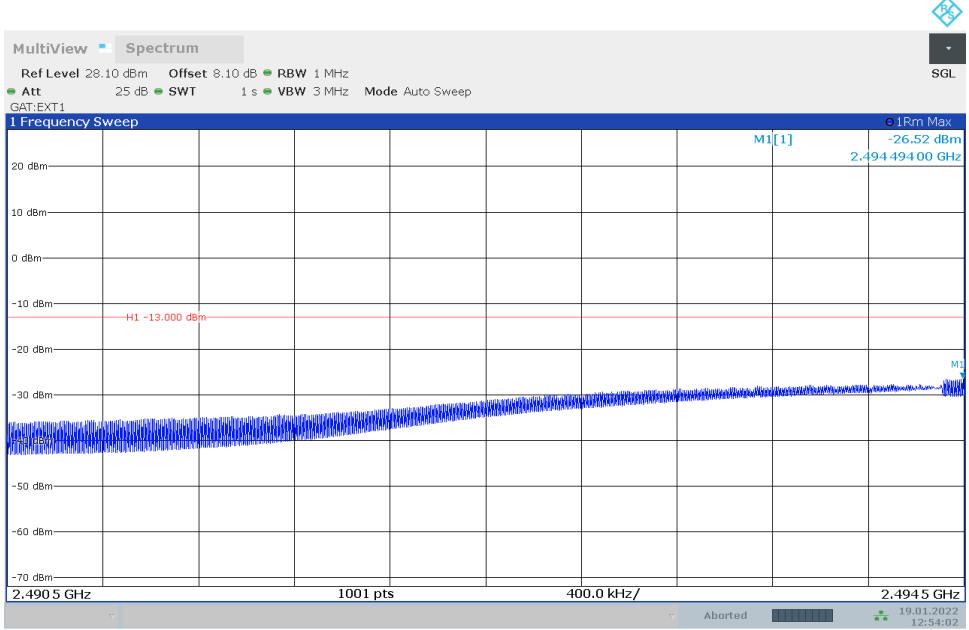


12:51:05 19.01.2022

## 5.2.34 CA\_41C\_TM3\_LCH\_20MHZ\_20MHZ\_PCCRB1#0\_SCCRB0#0

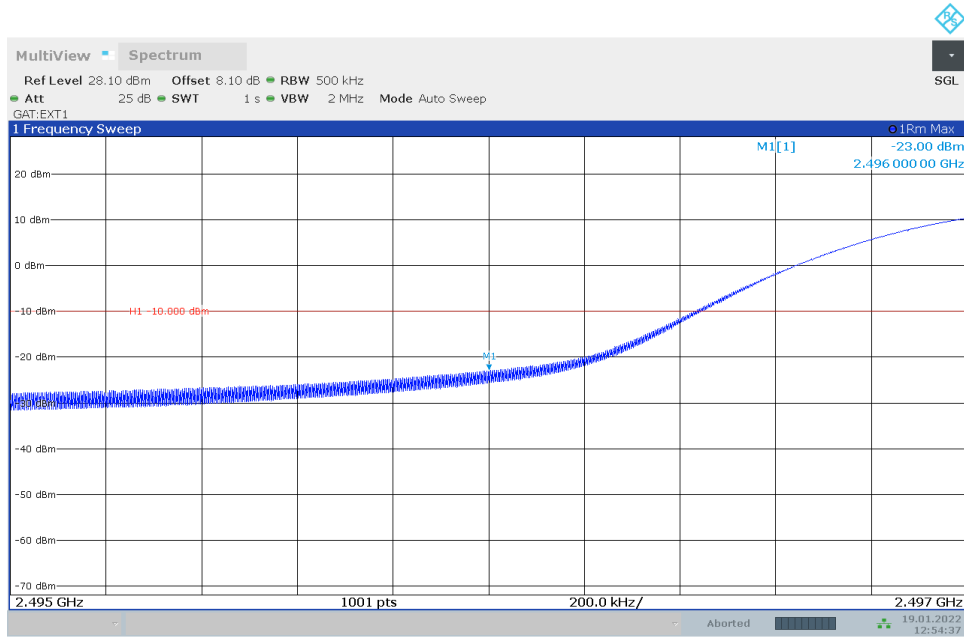


12:53:46 19.01.2022



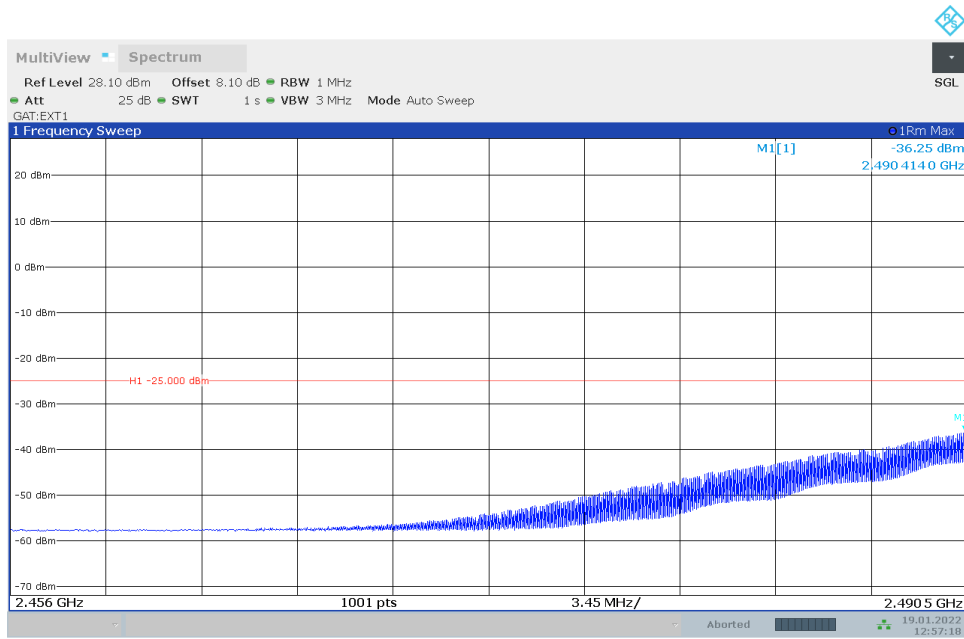
12:54:02 19.01.2022



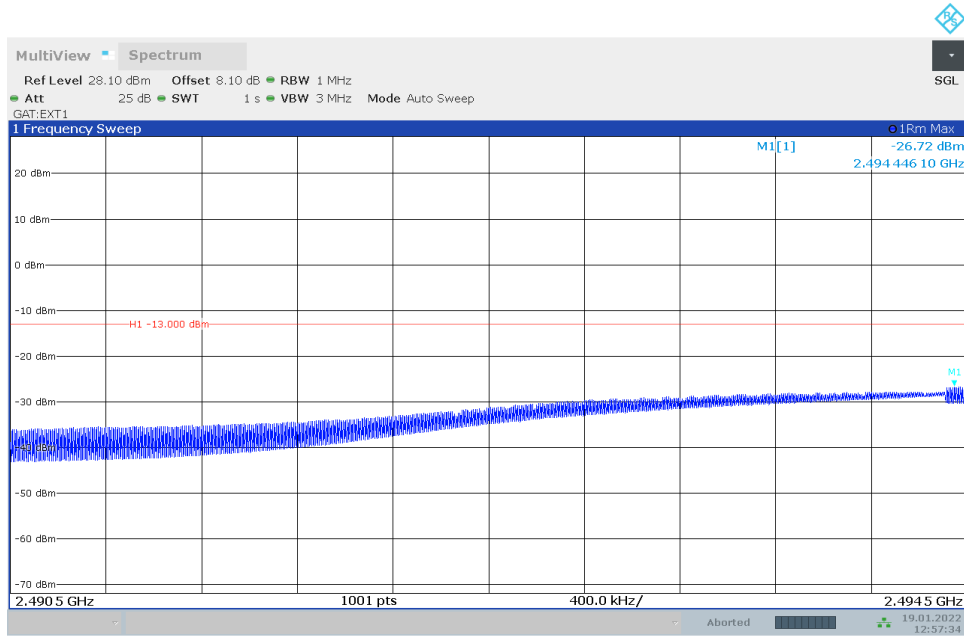


12:54:37 19.01.2022

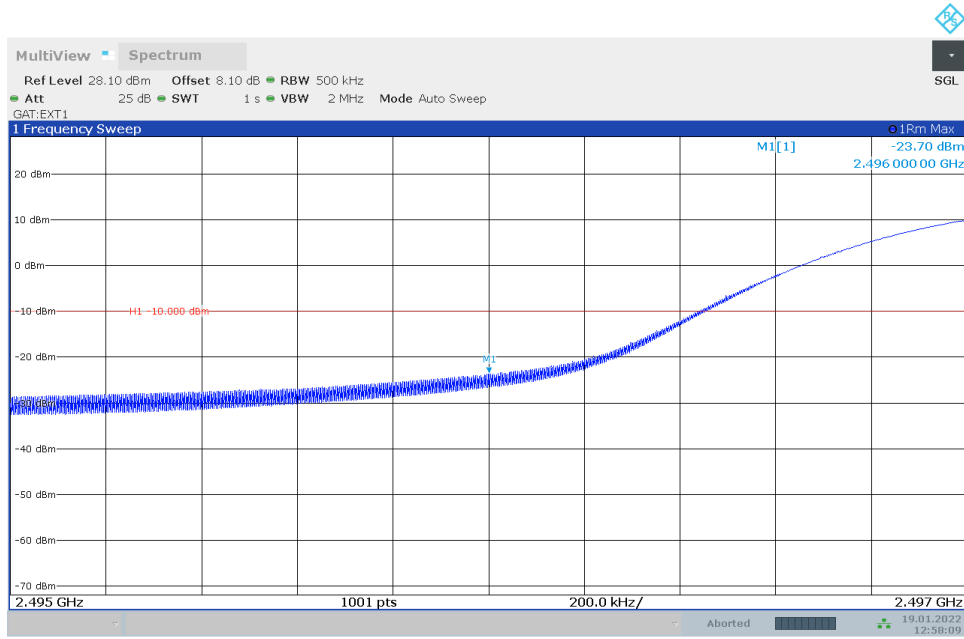
## 5.2.35 CA\_41C\_TM3\_LCH\_20MHZ\_20MHZ\_PCCRB18#0\_SCCRB0#0



12:57:18 19.01.2022

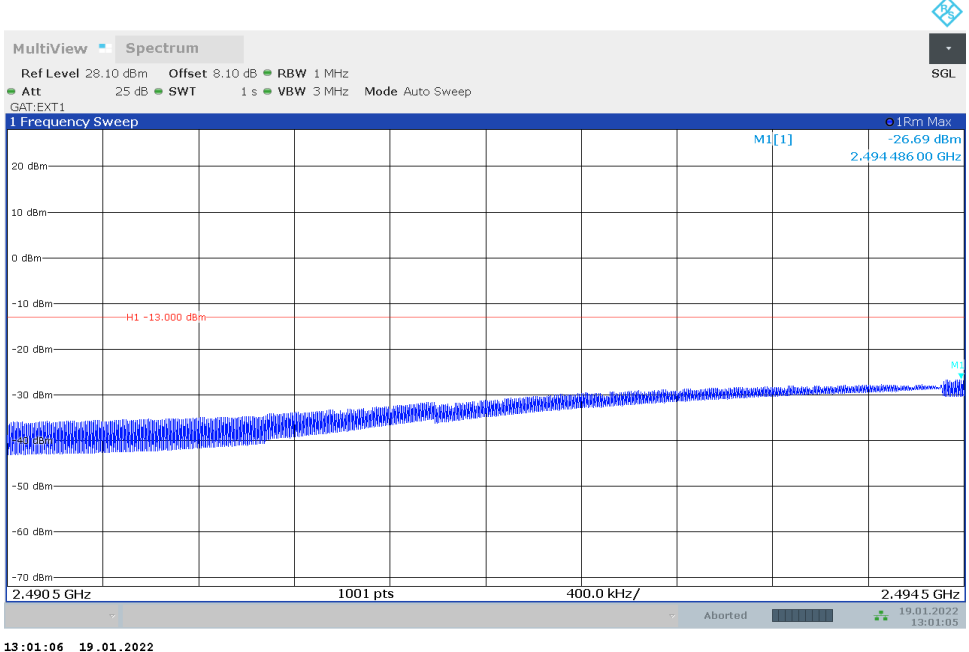
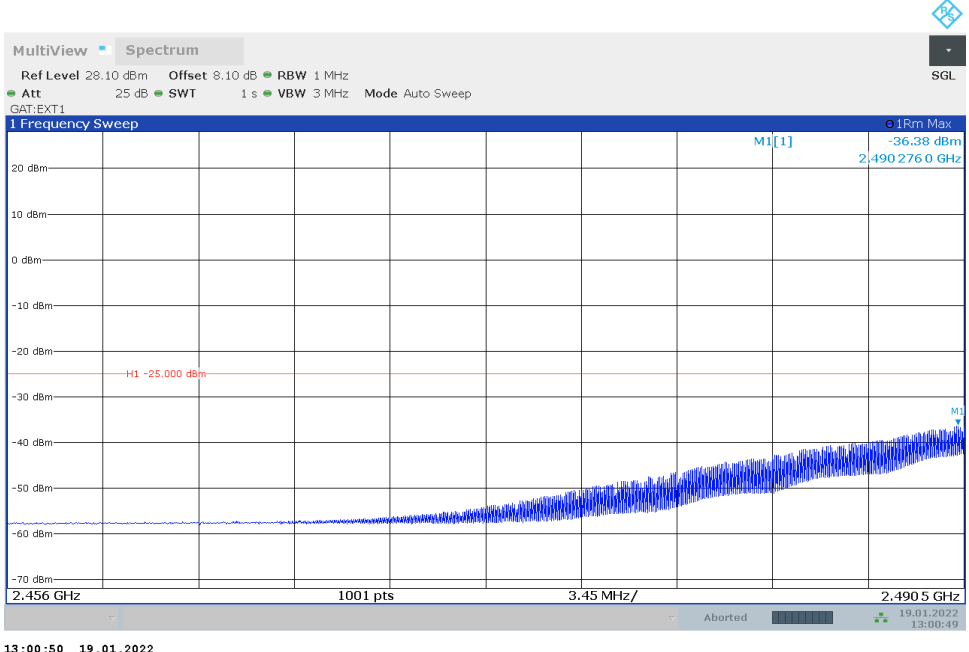


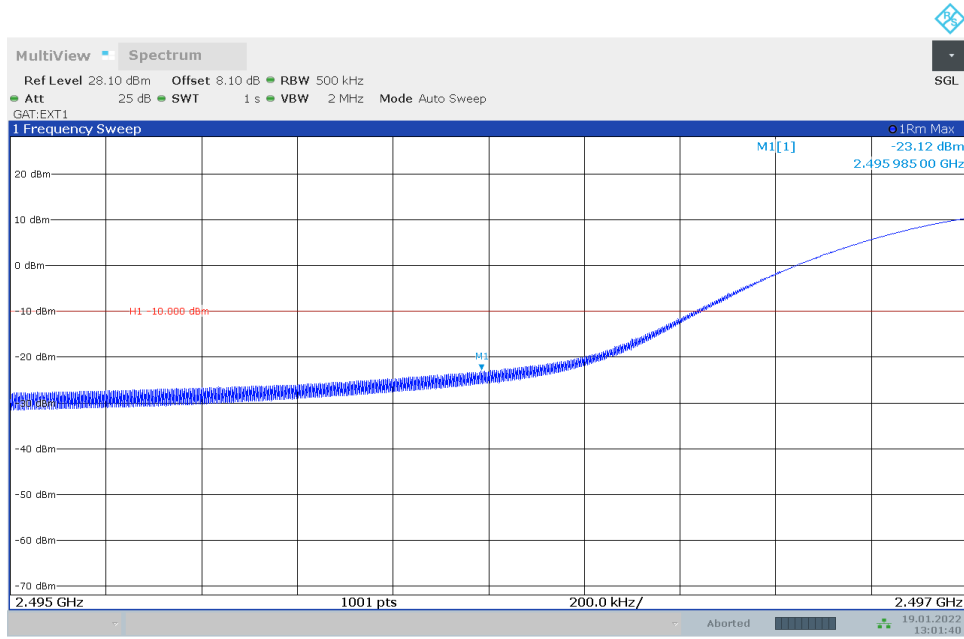
12:57:34 19.01.2022



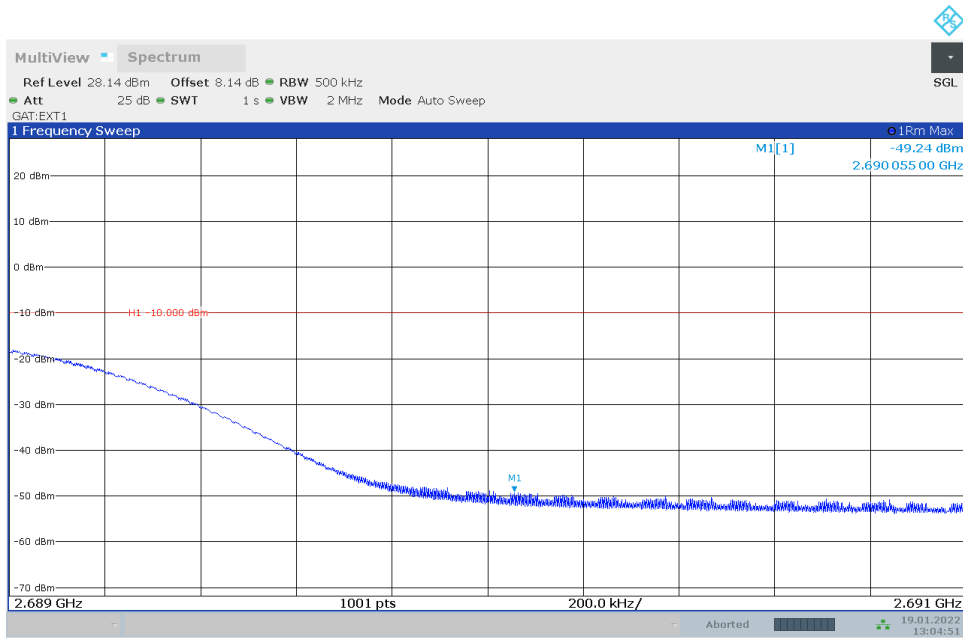
12:58:09 19.01.2022

## 5.2.36 CA\_41C\_TM3\_LCH\_20MHZ\_20MHZ\_PCCRB100#0\_SCCRB0#0

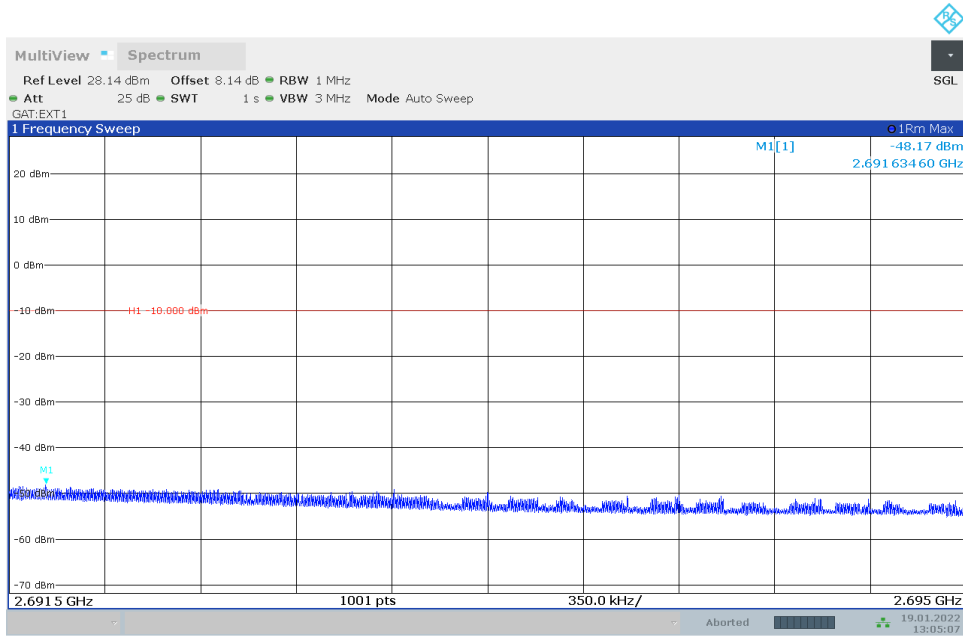




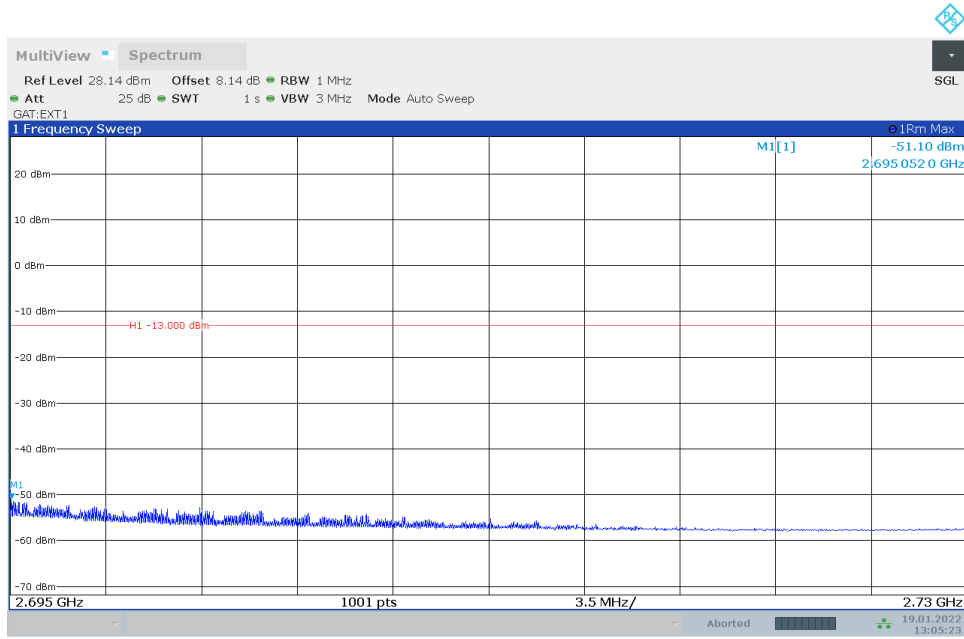
## 5.2.37 CA\_41C\_TM3\_HCH\_20MHZ\_20MHZ\_PCCRB100#0\_SCCRB100#0



13:04:52 19.01.2022

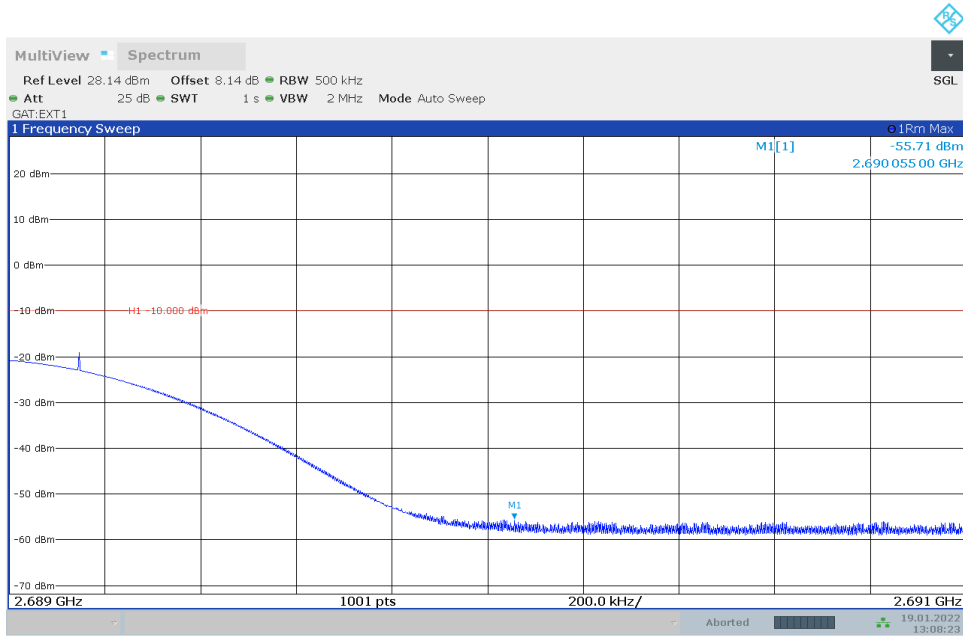


13:05:08 19.01.2022

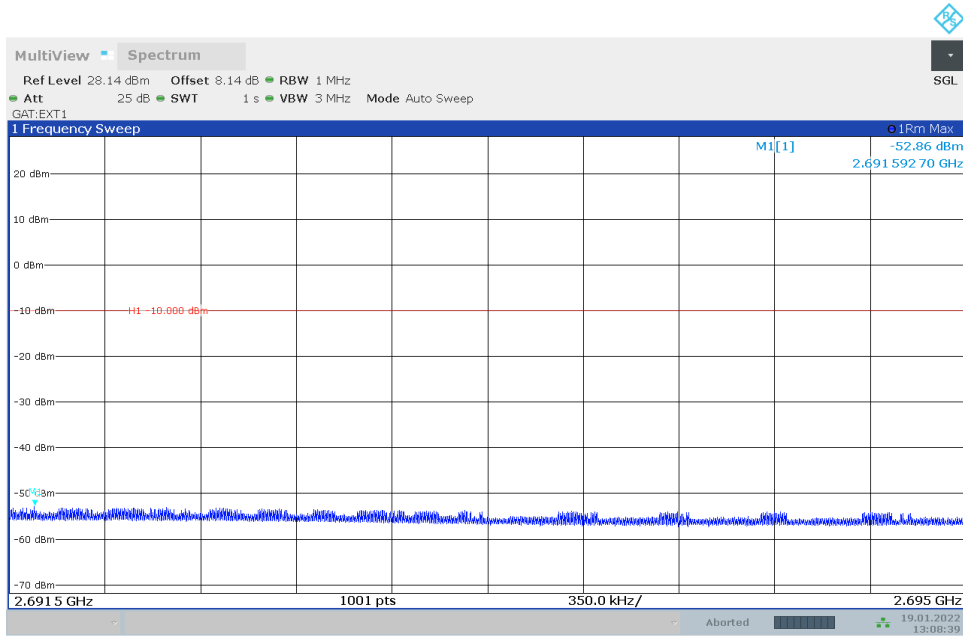


13:05:23 19.01.2022

## 5.2.38 CA\_41C\_TM3\_HCH\_20MHZ\_20MHZ\_PCCRB0#0\_SCCRB1#99

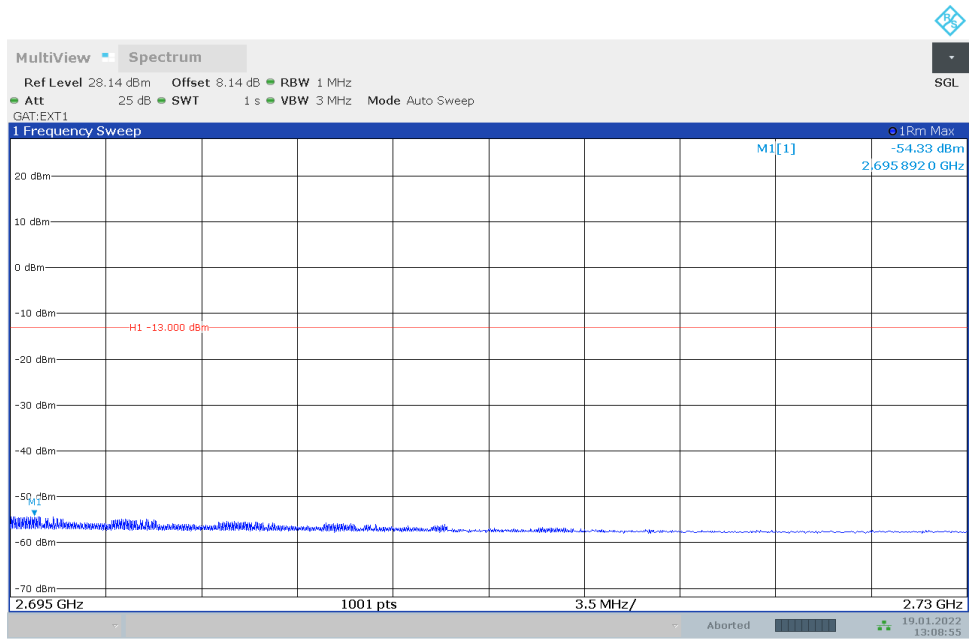


13:08:24 19.01.2022



13:08:40 19.01.2022





13:08:55 19.01.2022