

Appendix for LTE Band 26B

Model: LGE-NX9

BTL-FCCP-1-2203G019

Table of Contents	Page
1 . APPENDIX A - EFFECTIVE (ISOTROPIC) RADIATED POWER OF TRANSMITTER	7
1.1 TEST RESULTS	7
2 . APPENDIX B - PEAK-TO-AVERAGE RATIO	9
2.1 TEST RESULTS	9
3 . APPENDIX C - MODULATION CHARACTERISTICS	10
3.1 TEST PLOTS	10
3.1.1 TM1_1.4MHZ_MCH_RB6#0	10
3.1.2 TM1_5MHZ_MCH_RB25#0	10
3.1.3 TM1_15MHZ_MCH_RB75#0	11
3.1.4 TM2_1.4MHZ_MCH_RB6#0	11
3.1.5 TM2_5MHZ_MCH_RB25#0	12
3.1.6 TM2_15MHZ_MCH_RB75#0	12
3.1.7 TM3_1.4MHZ_MCH_RB6#0	13
3.1.8 TM3_5MHZ_MCH_RB25#0	13
3.1.9 TM3_15MHZ_MCH_RB75#0	14
4 . APPENDIX D - OCCUPIED BANDWIDTH	15
4.1 TEST RESULTS	15
4.2 TEST PLOTS	16
4.2.1 TM1_1.4MHZ_LCH_RB6#0	16
4.2.2 TM1_1.4MHZ_MCH_RB6#0	17
4.2.3 TM1_1.4MHZ_HCH_RB6#0	18
4.2.4 TM1_3MHZ_LCH_RB15#0	19
4.2.5 TM1_3MHZ_MCH_RB15#0	20
4.2.6 TM1_3MHZ_HCH_RB15#0	21
4.2.7 TM1_5MHZ_LCH_RB25#0	22
4.2.8 TM1_5MHZ_MCH_RB25#0	23
4.2.9 TM1_5MHZ_HCH_RB25#0	24
4.2.10 TM1_10MHZ_LCH_RB50#0	25
4.2.11 TM1_10MHZ_MCH_RB50#0	26
4.2.12 TM1_10MHZ_HCH_RB50#0	27
4.2.13 TM1_15MHZ_LCH_RB75#0	28
4.2.14 TM1_15MHZ_MCH_RB75#0	29
4.2.15 TM1_15MHZ_HCH_RB75#0	30
4.2.16 TM2_1.4MHZ_LCH_RB6#0	31
4.2.17 TM2_1.4MHZ_MCH_RB6#0	32
4.2.18 TM2_1.4MHZ_HCH_RB6#0	33
4.2.19 TM2_3MHZ_LCH_RB15#0	34
4.2.20 TM2_3MHZ_MCH_RB15#0	35
4.2.21 TM2_3MHZ_HCH_RB15#0	36

Table of Contents	Page
4.2.22 TM2_5MHZ_LCH_RB25#0	37
4.2.23 TM2_5MHZ_MCH_RB25#0	38
4.2.24 TM2_5MHZ_HCH_RB25#0	39
4.2.25 TM2_10MHZ_LCH_RB50#0	40
4.2.26 TM2_10MHZ_MCH_RB50#0	41
4.2.27 TM2_10MHZ_HCH_RB50#0	42
4.2.28 TM2_15MHZ_LCH_RB75#0	43
4.2.29 TM2_15MHZ_MCH_RB75#0	44
4.2.30 TM2_15MHZ_HCH_RB75#0	45
4.2.31 TM3_1.4MHZ_LCH_RB6#0	46
4.2.32 TM3_1.4MHZ_MCH_RB6#0	47
4.2.33 TM3_1.4MHZ_HCH_RB6#0	48
4.2.34 TM3_3MHZ_LCH_RB15#0	49
4.2.35 TM3_3MHZ_MCH_RB15#0	50
4.2.36 TM3_3MHZ_HCH_RB15#0	51
4.2.37 TM3_5MHZ_LCH_RB25#0	52
4.2.38 TM3_5MHZ_MCH_RB25#0	53
4.2.39 TM3_5MHZ_HCH_RB25#0	54
4.2.40 TM3_10MHZ_LCH_RB50#0	55
4.2.41 TM3_10MHZ_MCH_RB50#0	56
4.2.42 TM3_10MHZ_HCH_RB50#0	57
4.2.43 TM3_15MHZ_LCH_RB75#0	58
4.2.44 TM3_15MHZ_MCH_RB75#0	59
4.2.45 TM3_15MHZ_HCH_RB75#0	60
5 . APPENDIX E - BAND EDGES COMPLIANCE	61
5.1 TEST RESULTS	61
5.2 TEST PLOTS	63
5.2.1 TM1_1.4MHZ_LCH_RB6#0	63
5.2.2 TM1_1.4MHZ_LCH_RB1#0	63
5.2.3 TM1_1.4MHZ_LCH_RB1#5	64
5.2.4 TM1_1.4MHZ_HCH_RB6#0	64
5.2.5 TM1_1.4MHZ_HCH_RB1#0	65
5.2.6 TM1_1.4MHZ_HCH_RB1#5	65
5.2.7 TM1_5MHZ_LCH_RB25#0	66
5.2.8 TM1_5MHZ_LCH_RB1#0	66
5.2.9 TM1_5MHZ_LCH_RB1#24	67
5.2.10 TM1_5MHZ_HCH_RB25#0	67
5.2.11 TM1_5MHZ_HCH_RB1#0	68
5.2.12 TM1_5MHZ_HCH_RB1#24	68
5.2.13 TM1_15MHZ_LCH_RB75#0	69
5.2.14 TM1_15MHZ_LCH_RB1#0	69
5.2.15 TM1_15MHZ_LCH_RB1#74	70
5.2.16 TM1_15MHZ_HCH_RB75#0	70
5.2.17 TM1_15MHZ_HCH_RB1#0	71

Table of Contents	Page
5.2.18 TM1_15MHZ_HCH_RB1#74	71
5.2.19 TM2_1.4MHZ_LCH_RB6#0	72
5.2.20 TM2_1.4MHZ_LCH_RB1#0	72
5.2.21 TM2_1.4MHZ_LCH_RB1#5	73
5.2.22 TM2_1.4MHZ_HCH_RB6#0	73
5.2.23 TM2_1.4MHZ_HCH_RB1#0	74
5.2.24 TM2_1.4MHZ_HCH_RB1#5	74
5.2.25 TM2_5MHZ_LCH_RB25#0	75
5.2.26 TM2_5MHZ_LCH_RB1#0	75
5.2.27 TM2_5MHZ_LCH_RB1#24	76
5.2.28 TM2_5MHZ_HCH_RB25#0	76
5.2.29 TM2_5MHZ_HCH_RB1#0	77
5.2.30 TM2_5MHZ_HCH_RB1#24	77
5.2.31 TM2_15MHZ_LCH_RB75#0	78
5.2.32 TM2_15MHZ_LCH_RB1#0	78
5.2.33 TM2_15MHZ_LCH_RB1#74	79
5.2.34 TM2_15MHZ_HCH_RB75#0	79
5.2.35 TM2_15MHZ_HCH_RB1#0	80
5.2.36 TM2_15MHZ_HCH_RB1#74	80
5.2.37 TM3_1.4MHZ_LCH_RB6#0	81
5.2.38 TM3_1.4MHZ_LCH_RB1#0	81
5.2.39 TM3_1.4MHZ_LCH_RB1#5	82
5.2.40 TM3_1.4MHZ_HCH_RB6#0	82
5.2.41 TM3_1.4MHZ_HCH_RB1#0	83
5.2.42 TM3_1.4MHZ_HCH_RB1#5	83
5.2.43 TM3_5MHZ_LCH_RB25#0	84
5.2.44 TM3_5MHZ_LCH_RB1#0	84
5.2.45 TM3_5MHZ_LCH_RB1#24	85
5.2.46 TM3_5MHZ_HCH_RB25#0	85
5.2.47 TM3_5MHZ_HCH_RB1#0	86
5.2.48 TM3_5MHZ_HCH_RB1#24	86
5.2.49 TM3_15MHZ_LCH_RB75#0	87
5.2.50 TM3_15MHZ_LCH_RB1#0	87
5.2.51 TM3_15MHZ_LCH_RB1#74	88
5.2.52 TM3_15MHZ_HCH_RB75#0	88
5.2.53 TM3_15MHZ_HCH_RB1#0	89
5.2.54 TM3_15MHZ_HCH_RB1#74	89
6 . APPENDIX F - SPURIOUS EMISSION AT ANTENNA TERMINAL	90
6.1 TEST RESULTS	90
6.2 TEST PLOTS	96
6.2.1 TM1_1.4MHZ_LCH_RB1#0	96
6.2.2 TM1_1.4MHZ_LCH_RB1#5	98
6.2.3 TM1_1.4MHZ_LCH_RB6#0	100
6.2.4 TM1_1.4MHZ_MCH_RB1#0	102

Table of Contents	Page
6.2.5 TM1_1.4MHZ_MCH_RB1#5	104
6.2.6 TM1_1.4MHZ_MCH_RB6#0	106
6.2.7 TM1_1.4MHZ_HCH_RB1#0	108
6.2.8 TM1_1.4MHZ_HCH_RB1#5	110
6.2.9 TM1_1.4MHZ_HCH_RB6#0	112
6.2.10 TM1_5MHZ_LCH_RB1#0	114
6.2.11 TM1_5MHZ_LCH_RB1#24	116
6.2.12 TM1_5MHZ_LCH_RB25#0	118
6.2.13 TM1_5MHZ_MCH_RB1#0	120
6.2.14 TM1_5MHZ_MCH_RB1#24	122
6.2.15 TM1_5MHZ_MCH_RB25#0	124
6.2.16 TM1_5MHZ_HCH_RB1#0	126
6.2.17 TM1_5MHZ_HCH_RB1#24	128
6.2.18 TM1_5MHZ_HCH_RB25#0	130
6.2.19 TM1_15MHZ_LCH_RB1#0	132
6.2.20 TM1_15MHZ_LCH_RB1#74	134
6.2.21 TM1_15MHZ_LCH_RB75#0	136
6.2.22 TM1_15MHZ_MCH_RB1#0	138
6.2.23 TM1_15MHZ_MCH_RB1#74	140
6.2.24 TM1_15MHZ_MCH_RB75#0	142
6.2.25 TM1_15MHZ_HCH_RB1#0	144
6.2.26 TM1_15MHZ_HCH_RB1#74	146
6.2.27 TM1_15MHZ_HCH_RB75#0	148
6.2.28 TM2_1.4MHZ_LCH_RB1#0	150
6.2.29 TM2_1.4MHZ_LCH_RB1#5	152
6.2.30 TM2_1.4MHZ_LCH_RB6#0	154
6.2.31 TM2_1.4MHZ_MCH_RB1#0	156
6.2.32 TM2_1.4MHZ_MCH_RB1#5	158
6.2.33 TM2_1.4MHZ_MCH_RB6#0	160
6.2.34 TM2_1.4MHZ_HCH_RB1#0	162
6.2.35 TM2_1.4MHZ_HCH_RB1#5	164
6.2.36 TM2_1.4MHZ_HCH_RB6#0	166
6.2.37 TM2_5MHZ_LCH_RB1#0	168
6.2.38 TM2_5MHZ_LCH_RB1#24	170
6.2.39 TM2_5MHZ_LCH_RB25#0	172
6.2.40 TM2_5MHZ_MCH_RB1#0	174
6.2.41 TM2_5MHZ_MCH_RB1#24	176
6.2.42 TM2_5MHZ_MCH_RB25#0	178
6.2.43 TM2_5MHZ_HCH_RB1#0	180
6.2.44 TM2_5MHZ_HCH_RB1#24	182
6.2.45 TM2_5MHZ_HCH_RB25#0	184
6.2.46 TM2_15MHZ_LCH_RB1#0	186
6.2.47 TM2_15MHZ_LCH_RB1#74	188
6.2.48 TM2_15MHZ_LCH_RB75#0	190
6.2.49 TM2_15MHZ_MCH_RB1#0	192

Table of Contents	Page
6.2.50 TM2_15MHZ_MCH_RB1#74	194
6.2.51 TM2_15MHZ_MCH_RB75#0	196
6.2.52 TM2_15MHZ_HCH_RB1#0	198
6.2.53 TM2_15MHZ_HCH_RB1#74	200
6.2.54 TM2_15MHZ_HCH_RB75#0	202
7 . APPENDIX G - FREQUENCY STABILITY	204
7.1 TEST RESULTS	204
7.1.1 FREQUENCY ERROR VS. VOLTAGE	204
7.1.2 FREQUENCY ERROR VS. TEMPERATURE	206

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

1.1 TEST RESULTS

Effective (Isotropic) Radiated Power of Transmitter									
Test Mode	Test Bandwidth	Test Channel	Test RB	Modulation	Measured [dBm]	Gain [dBi]	ERP [dBm]	Limit [dBm]	Verdict
TM1	1.4	LCH	RB6#0	QPSK	23.87	-6.0	15.72	38.45	PASS
			RB1#0	QPSK	24.23	-6.0	16.08	38.45	PASS
			RB1#5	QPSK	24.31	-6.0	16.16	38.45	PASS
		MCH	RB6#0	QPSK	23.74	-6.0	15.59	38.45	PASS
			RB1#0	QPSK	24.30	-6.0	16.15	38.45	PASS
			RB1#5	QPSK	24.28	-6.0	16.13	38.45	PASS
		HCH	RB6#0	QPSK	23.61	-6.0	15.46	38.45	PASS
			RB1#0	QPSK	24.08	-6.0	15.93	38.45	PASS
			RB1#5	QPSK	24.08	-6.0	15.93	38.45	PASS
	5	LCH	RB25#0	QPSK	23.90	-6.0	15.75	38.45	PASS
			RB1#0	QPSK	24.31	-6.0	16.16	38.45	PASS
			RB1#24	QPSK	24.30	-6.0	16.15	38.45	PASS
		MCH	RB25#0	QPSK	23.81	-6.0	15.66	38.45	PASS
			RB1#0	QPSK	24.26	-6.0	16.11	38.45	PASS
			RB1#24	QPSK	24.22	-6.0	16.07	38.45	PASS
		HCH	RB25#0	QPSK	23.64	-6.0	15.49	38.45	PASS
			RB1#0	QPSK	24.21	-6.0	16.06	38.45	PASS
			RB1#24	QPSK	24.11	-6.0	15.96	38.45	PASS
	15	LCH	RB75#0	QPSK	23.70	-6.0	15.55	38.45	PASS
			RB1#0	QPSK	24.14	-6.0	15.99	38.45	PASS
			RB1#74	QPSK	24.04	-6.0	15.89	38.45	PASS
		MCH	RB75#0	QPSK	23.69	-6.0	15.54	38.45	PASS
			RB1#0	QPSK	24.14	-6.0	15.99	38.45	PASS
			RB1#74	QPSK	24.04	-6.0	15.89	38.45	PASS
		HCH	RB75#0	QPSK	23.57	-6.0	15.42	38.45	PASS
			RB1#0	QPSK	24.18	-6.0	16.03	38.45	PASS
			RB1#74	QPSK	23.94	-6.0	15.79	38.45	PASS

Effective (Isotropic) Radiated Power of Transmitter									
Test Mode	Test Bandwidth	Test Channel	Test RB	Modulation	Measured [dBm]	Gain [dBi]	ERP [dBm]	Limit [dBm]	Verdict
TM2	1.4	LCH	RB6#0	16QAM	22.82	-6.0	14.67	38.45	PASS
			RB1#0	16QAM	23.99	-6.0	15.84	38.45	PASS
			RB1#5	16QAM	24.15	-6.0	16.00	38.45	PASS
		MCH	RB6#0	16QAM	22.81	-6.0	14.66	38.45	PASS
			RB1#0	16QAM	24.01	-6.0	15.86	38.45	PASS
			RB1#5	16QAM	23.95	-6.0	15.80	38.45	PASS
		HCH	RB6#0	16QAM	22.65	-6.0	14.50	38.45	PASS
			RB1#0	16QAM	23.75	-6.0	15.60	38.45	PASS
			RB1#5	16QAM	23.60	-6.0	15.45	38.45	PASS
	5	LCH	RB25#0	16QAM	22.97	-6.0	14.82	38.45	PASS
			RB1#0	16QAM	24.17	-6.0	16.02	38.45	PASS
			RB1#24	16QAM	24.09	-6.0	15.94	38.45	PASS
		MCH	RB25#0	16QAM	22.91	-6.0	14.76	38.45	PASS
			RB1#0	16QAM	24.35	-6.0	16.20	38.45	PASS
			RB1#24	16QAM	24.24	-6.0	16.09	38.45	PASS
		HCH	RB25#0	16QAM	22.76	-6.0	14.61	38.45	PASS
			RB1#0	16QAM	24.05	-6.0	15.90	38.45	PASS
			RB1#24	16QAM	24.13	-6.0	15.98	38.45	PASS
	15	LCH	RB75#0	16QAM	22.75	-6.0	14.60	38.45	PASS
			RB1#0	16QAM	24.11	-6.0	15.96	38.45	PASS
			RB1#74	16QAM	23.90	-6.0	15.75	38.45	PASS
		MCH	RB75#0	16QAM	22.76	-6.0	14.61	38.45	PASS
			RB1#0	16QAM	24.08	-6.0	15.93	38.45	PASS
			RB1#74	16QAM	23.95	-6.0	15.80	38.45	PASS
		HCH	RB75#0	16QAM	22.67	-6.0	14.52	38.45	PASS
			RB1#0	16QAM	24.02	-6.0	15.87	38.45	PASS
			RB1#74	16QAM	23.54	-6.0	15.39	38.45	PASS

2. APPENDIX B - PEAK-TO-AVERAGE RATIO

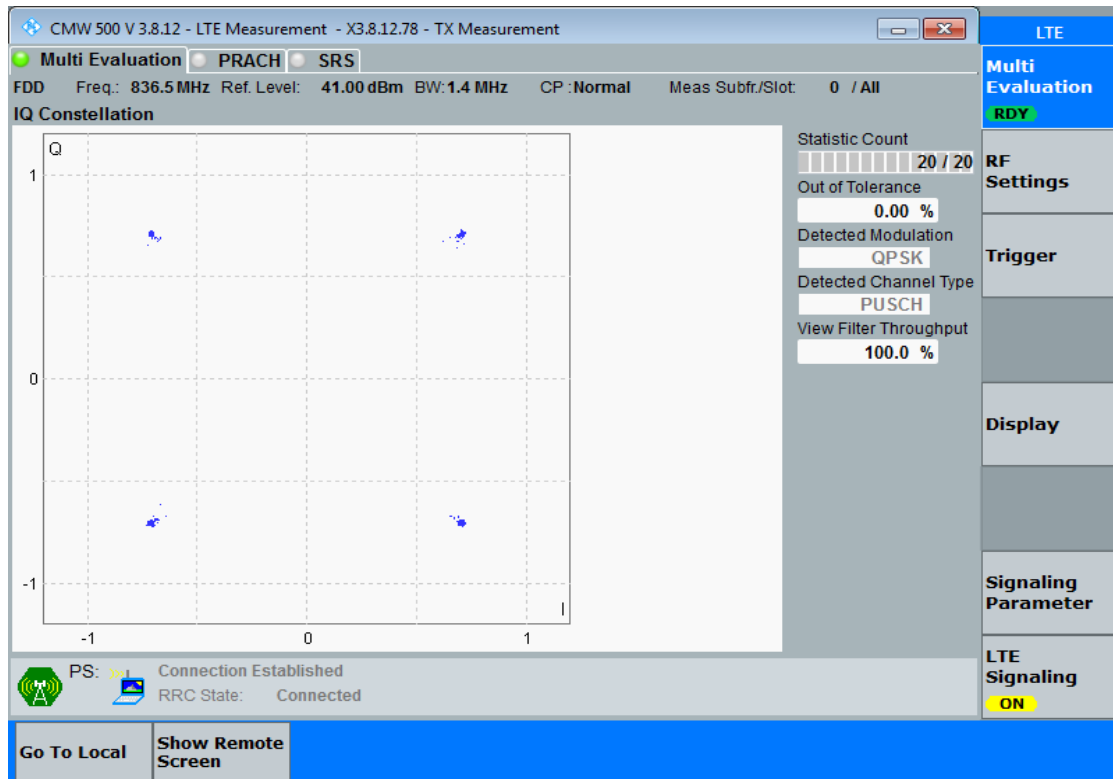
2.1 TEST RESULTS

Peak-to-Average Ratio							
Test Mode	Test Bandwidth	Test Channel	Test RB	Modulation	Measured [dBm]	Limit [dBm]	Verdict
TM1	1.4	MCH	RB6#0	QPSK	4.88	13	PASS
			RB1#0	QPSK	4.24	13	PASS
			RB1#5	QPSK	4.12	13	PASS
	5		RB25#0	QPSK	5.26	13	PASS
			RB1#0	QPSK	3.86	13	PASS
			RB1#24	QPSK	3.85	13	PASS
	15		RB75#0	QPSK	5.58	13	PASS
			RB1#0	QPSK	4.14	13	PASS
			RB1#74	QPSK	4.09	13	PASS
TM2	1.4	MCH	RB6#0	16QAM	5.72	13	PASS
			RB1#0	16QAM	4.85	13	PASS
			RB1#5	16QAM	4.82	13	PASS
	5		RB25#0	16QAM	6.19	13	PASS
			RB1#0	16QAM	4.40	13	PASS
			RB1#24	16QAM	4.35	13	PASS
	15		RB75#0	16QAM	6.59	13	PASS
			RB1#0	16QAM	4.63	13	PASS
			RB1#74	16QAM	4.52	13	PASS
TM3	1.4	MCH	RB6#0	64QAM	6.15	13	PASS
			RB1#0	64QAM	5.52	13	PASS
			RB1#5	64QAM	5.53	13	PASS
	5		RB25#0	64QAM	6.77	13	PASS
			RB1#0	64QAM	5.31	13	PASS
			RB1#24	64QAM	5.24	13	PASS
	15		RB75#0	64QAM	7.25	13	PASS
			RB1#0	64QAM	5.69	13	PASS
			RB1#74	64QAM	5.52	13	PASS

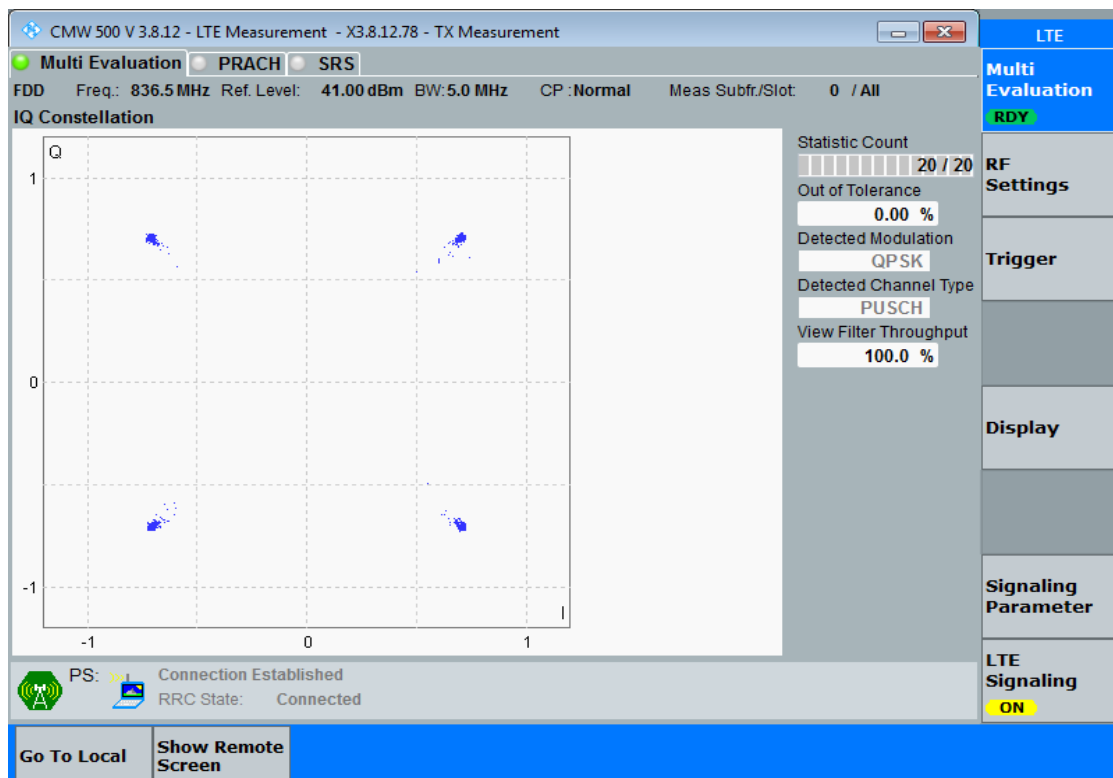
3. APPENDIX C - MODULATION CHARACTERISTICS

3.1 TEST PLOTS

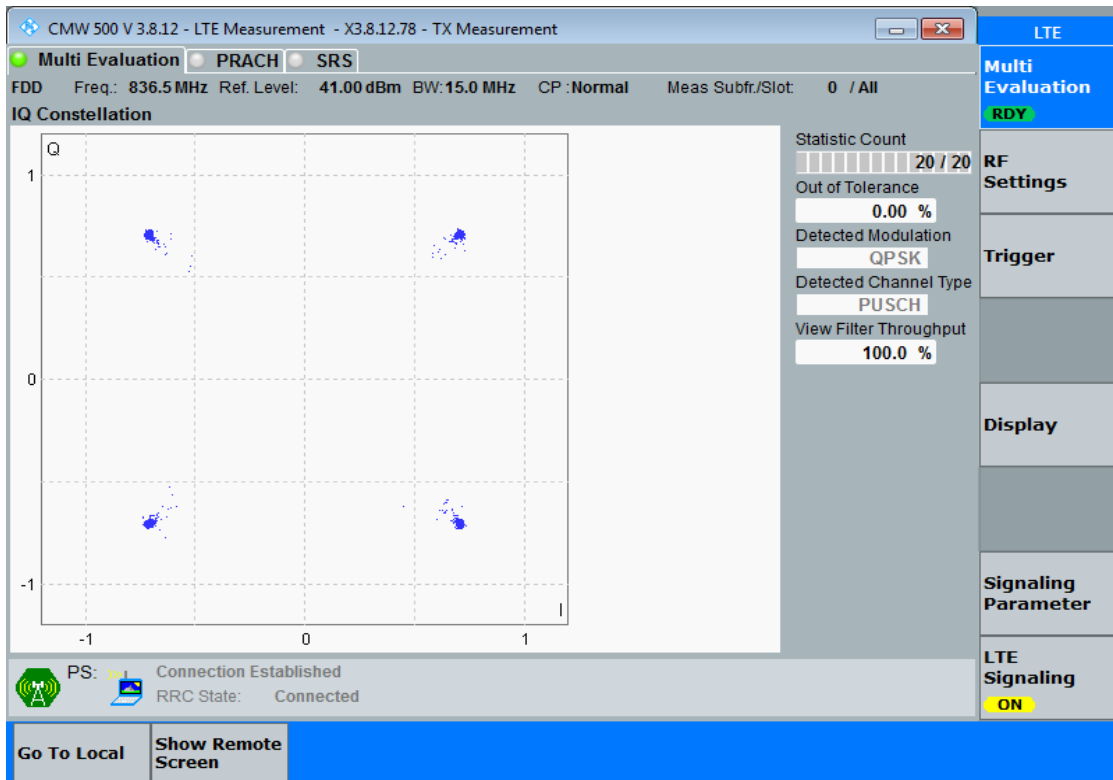
3.1.1 TM1_1.4MHZ_MCH_RB6#0



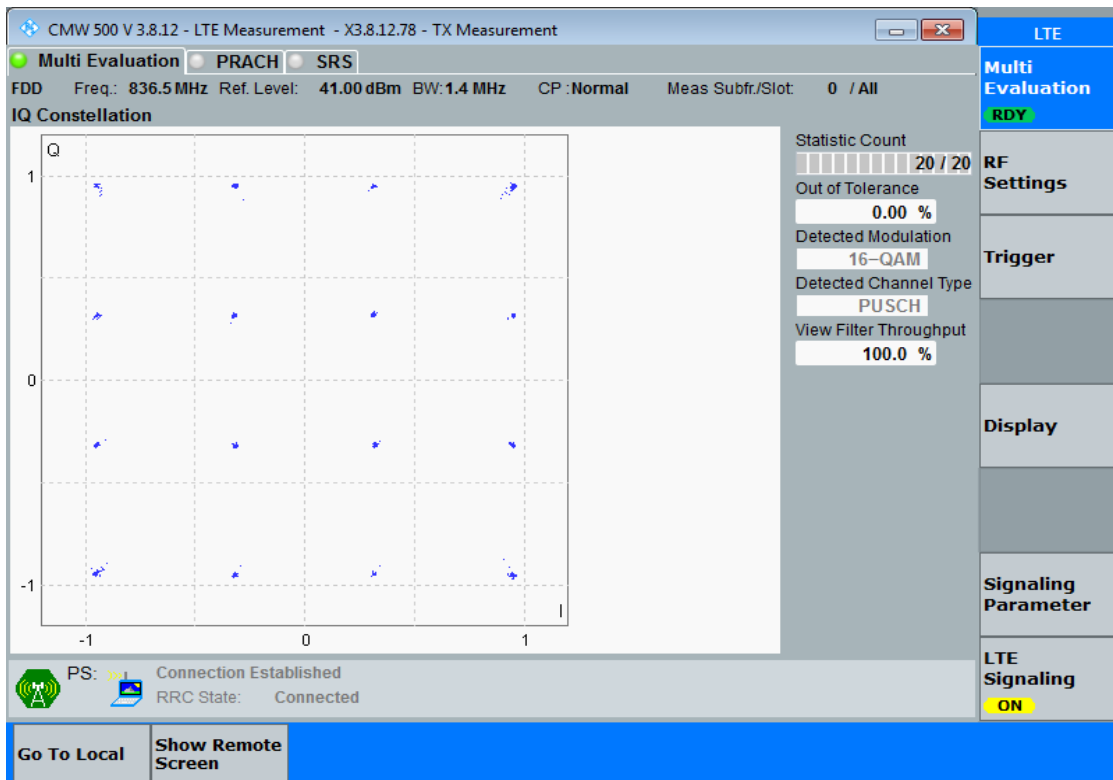
3.1.2 TM1_5MHZ_MCH_RB25#0



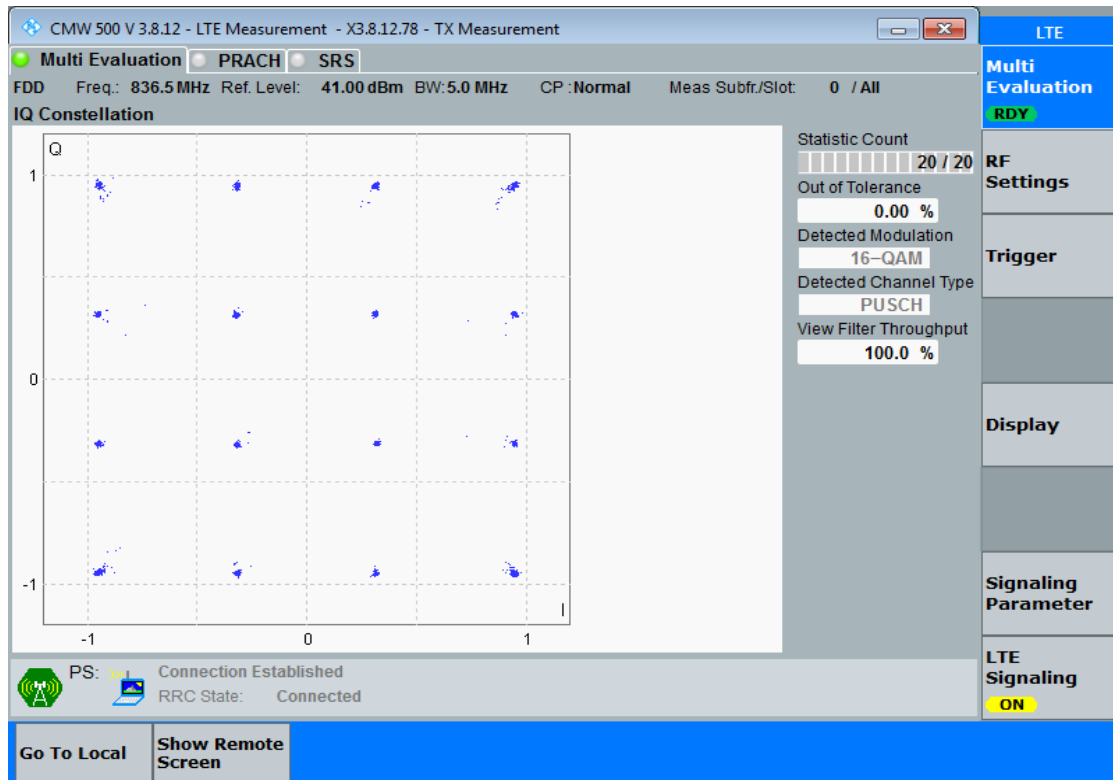
3.1.3 TM1_15MHZ_MCH_RB75#0



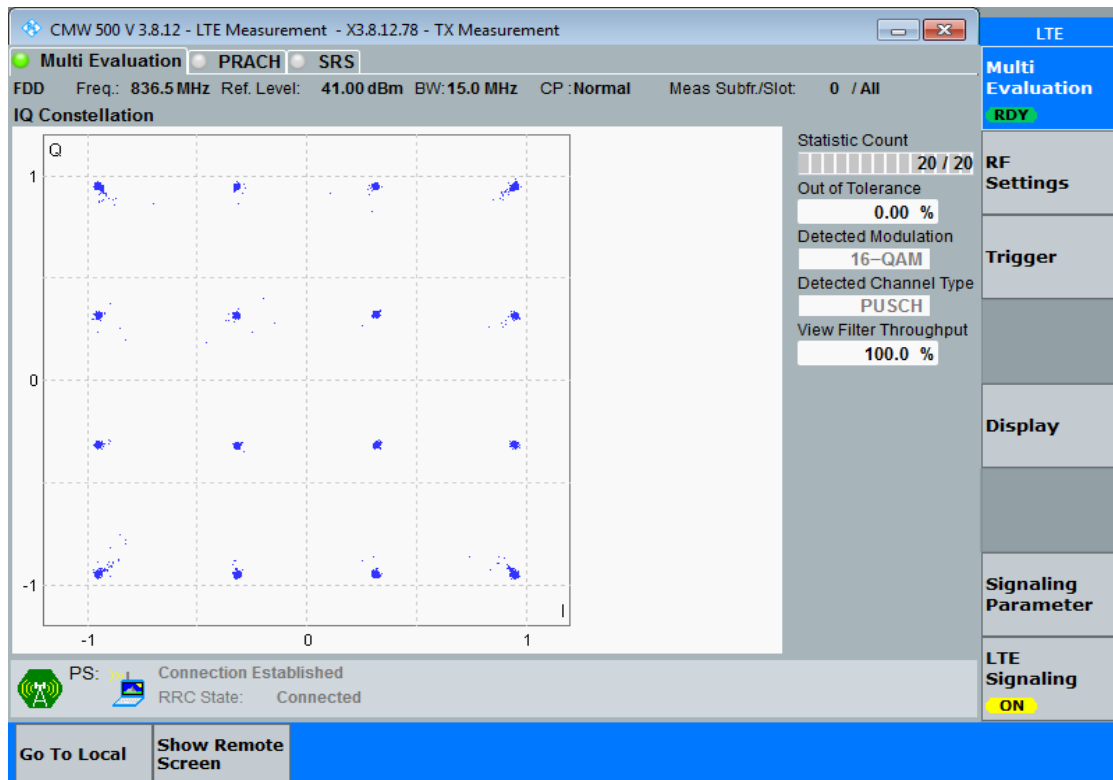
3.1.4 TM2_1.4MHZ_MCH_RB6#0



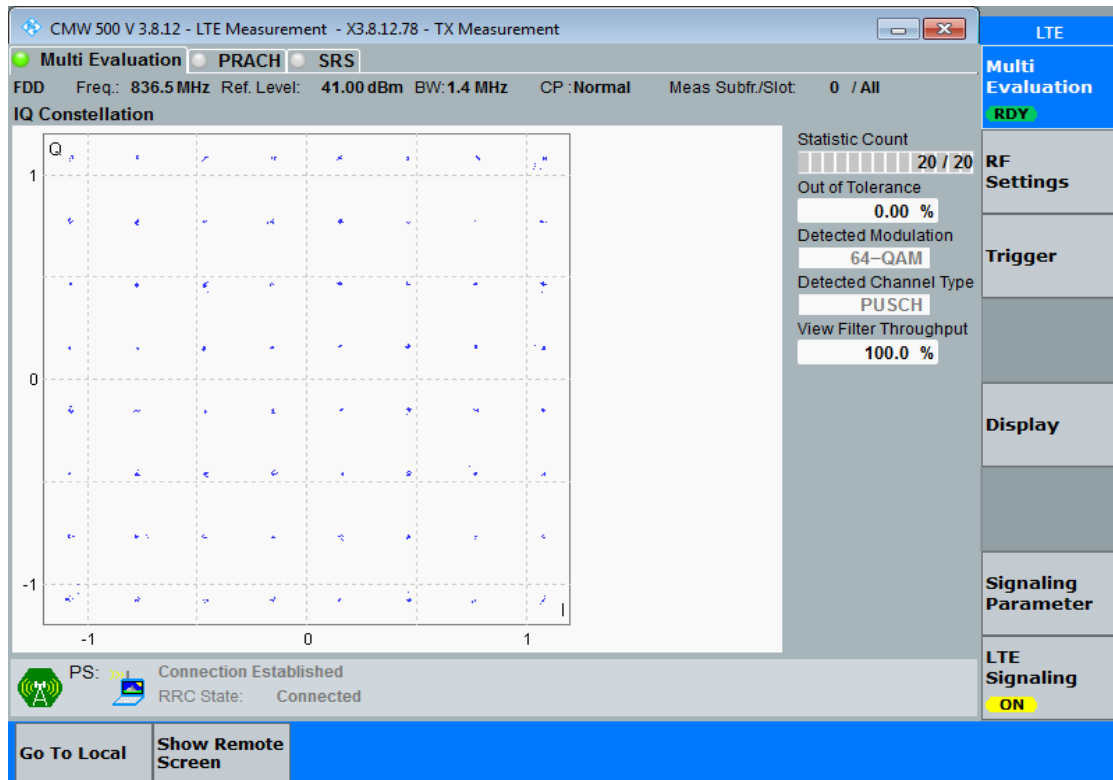
3.1.5 TM2_5MHZ_MCH_RB25#0



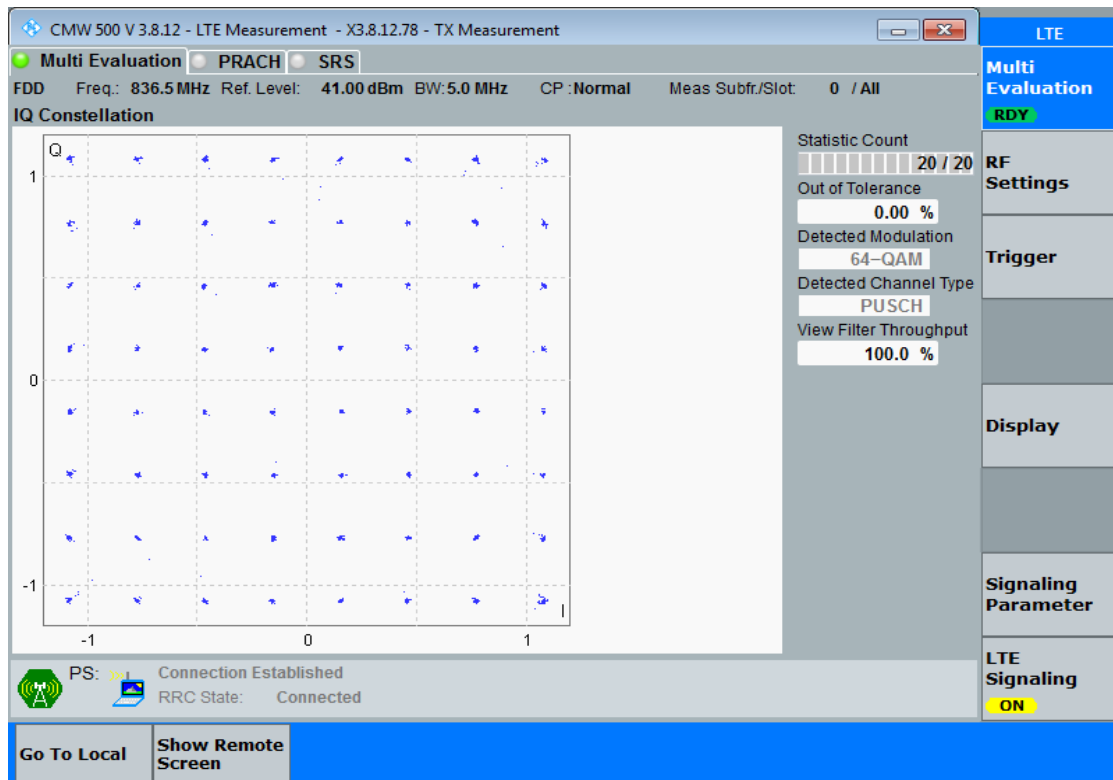
3.1.6 TM2_15MHZ_MCH_RB75#0



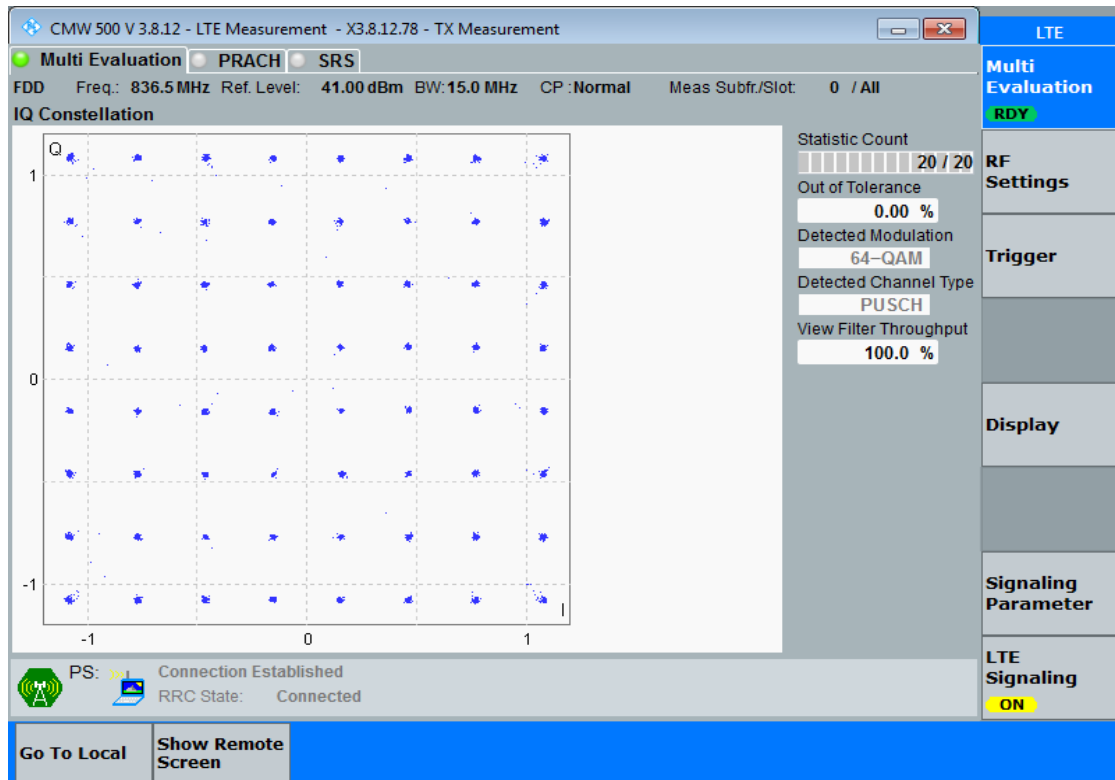
3.1.7 TM3_1.4MHZ_MCH_RB6#0



3.1.8 TM3_5MHZ_MCH_RB25#0



3.1.9 TM3_15MHZ_MCH_RB75#0



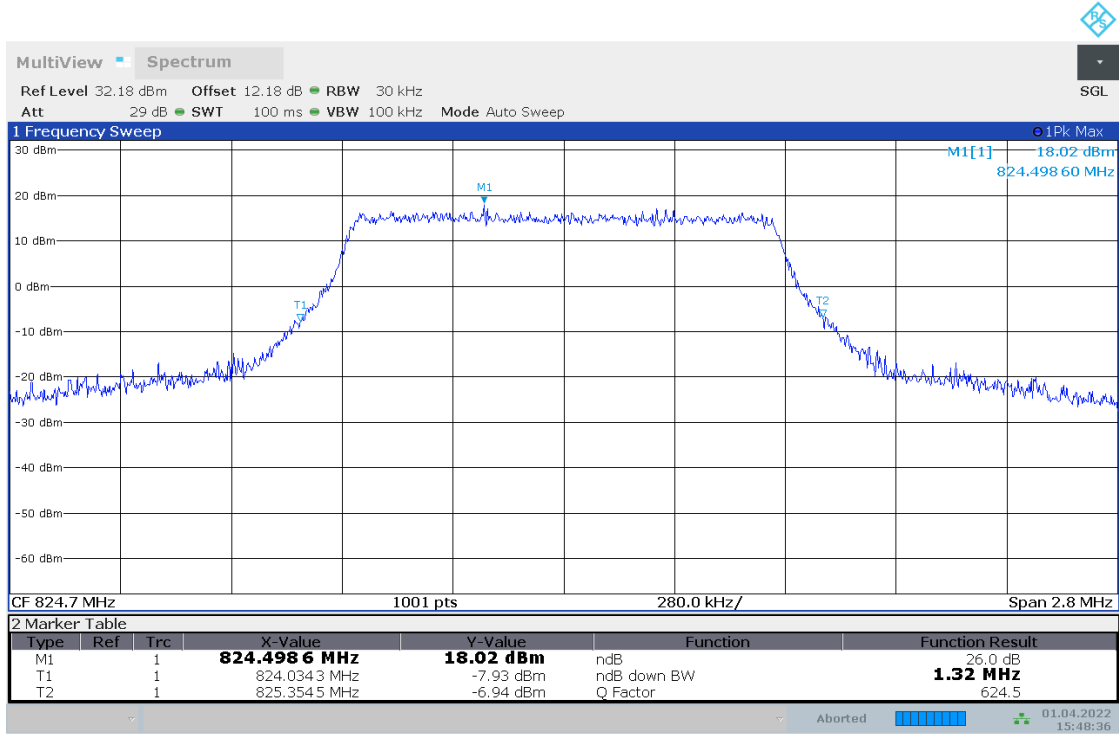
4. APPENDIX D - OCCUPIED BANDWIDTH

4.1 TEST RESULTS

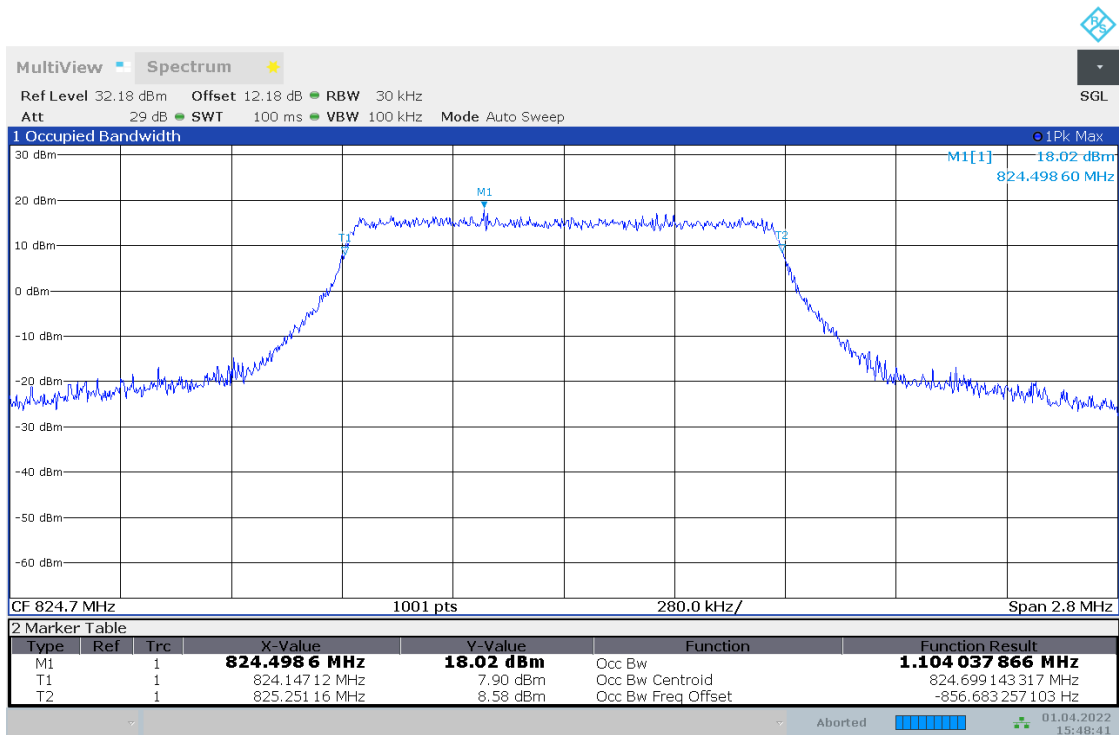
Occupied Bandwidth							
Test Mode	Test Bandwidth	Test Channel	Test RB	Modulation	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
TM1	1.4	LCH	RB6#0	QPSK	1.10	1.32	PASS
		MCH	RB6#0	QPSK	1.11	1.34	PASS
		HCH	RB6#0	QPSK	1.10	1.36	PASS
	3	LCH	RB15#0	QPSK	2.70	3.05	PASS
		MCH	RB15#0	QPSK	2.71	3.04	PASS
		HCH	RB15#0	QPSK	2.70	3.03	PASS
	5	LCH	RB25#0	QPSK	4.53	5.14	PASS
		MCH	RB25#0	QPSK	4.52	5.13	PASS
		HCH	RB25#0	QPSK	4.50	5.12	PASS
	10	LCH	RB50#0	QPSK	9.00	10.11	PASS
		MCH	RB50#0	QPSK	8.98	9.97	PASS
		HCH	RB50#0	QPSK	8.96	9.99	PASS
15	LCH	RB75#0	QPSK	13.50	14.96	PASS	
	MCH	RB75#0	QPSK	13.47	14.96	PASS	
	HCH	RB75#0	QPSK	13.48	14.89	PASS	
TM2	1.4	LCH	RB6#0	16QAM	1.11	1.38	PASS
		MCH	RB6#0	16QAM	1.11	1.36	PASS
		HCH	RB6#0	16QAM	1.11	1.37	PASS
	3	LCH	RB15#0	16QAM	2.71	3.03	PASS
		MCH	RB15#0	16QAM	2.70	3.08	PASS
		HCH	RB15#0	16QAM	2.70	3.01	PASS
	5	LCH	RB25#0	16QAM	4.53	5.17	PASS
		MCH	RB25#0	16QAM	4.52	5.16	PASS
		HCH	RB25#0	16QAM	4.51	5.12	PASS
	10	LCH	RB50#0	16QAM	8.99	9.97	PASS
		MCH	RB50#0	16QAM	8.99	10.05	PASS
		HCH	RB50#0	16QAM	8.98	10.03	PASS
15	LCH	RB75#0	16QAM	13.49	14.89	PASS	
	MCH	RB75#0	16QAM	13.46	14.93	PASS	
	HCH	RB75#0	16QAM	13.48	14.96	PASS	
TM3	1.4	LCH	RB6#0	64QAM	1.11	1.38	PASS
		MCH	RB6#0	64QAM	1.11	1.37	PASS
		HCH	RB6#0	64QAM	1.10	1.36	PASS
	3	LCH	RB15#0	64QAM	2.70	3.05	PASS
		MCH	RB15#0	64QAM	2.71	3.06	PASS
		HCH	RB15#0	64QAM	2.70	3.04	PASS
	5	LCH	RB25#0	64QAM	4.53	5.17	PASS
		MCH	RB25#0	64QAM	4.53	5.17	PASS
		HCH	RB25#0	64QAM	4.51	5.08	PASS
	10	LCH	RB50#0	64QAM	9.00	10.03	PASS
		MCH	RB50#0	64QAM	8.99	10.01	PASS
		HCH	RB50#0	64QAM	8.99	10.05	PASS
15	LCH	RB75#0	64QAM	13.48	14.93	PASS	
	MCH	RB75#0	64QAM	13.47	14.87	PASS	
	HCH	RB75#0	64QAM	13.49	14.96	PASS	

4.2 TEST PLOTS

4.2.1 TM1_1.4MHZ_LCH_RB6#0

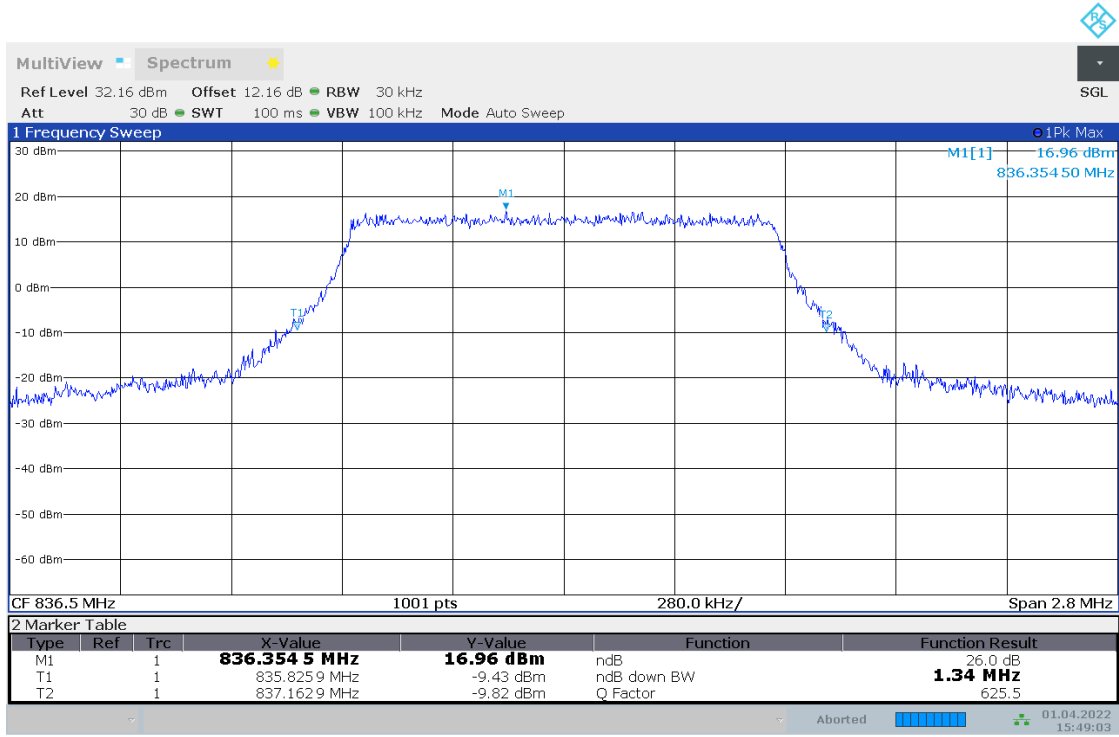


15:48:36 01.04.2022

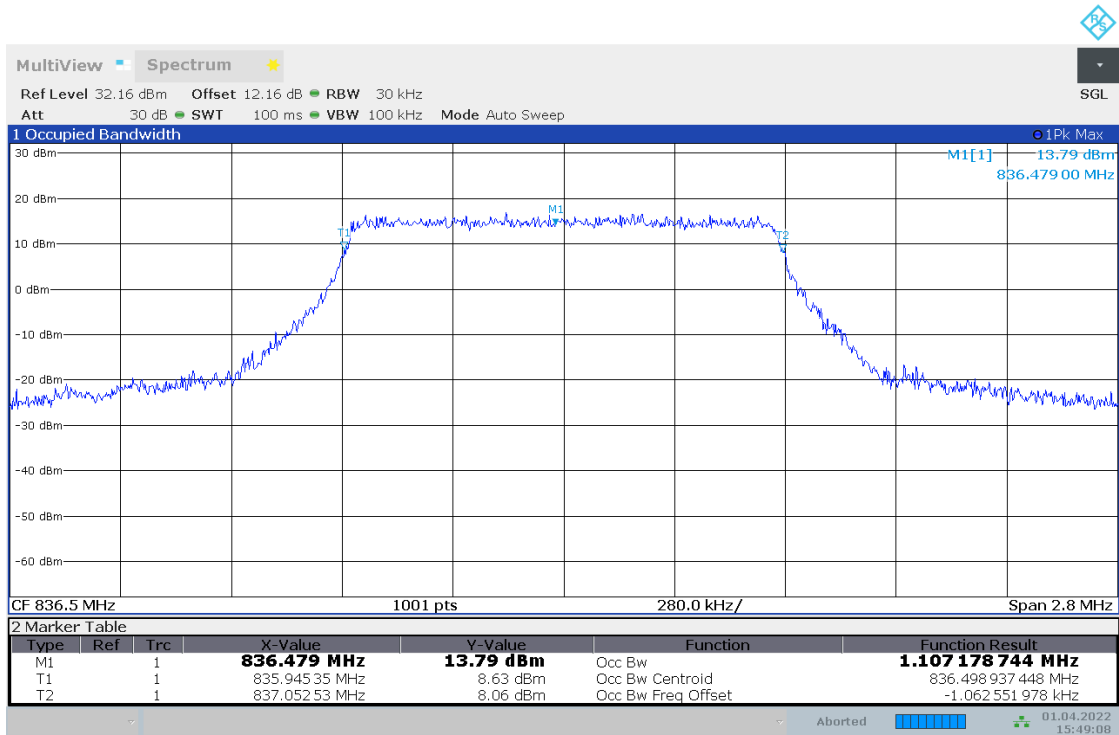


15:48:41 01.04.2022

4.2.2 TM1_1.4MHZ_MCH_RB6#0

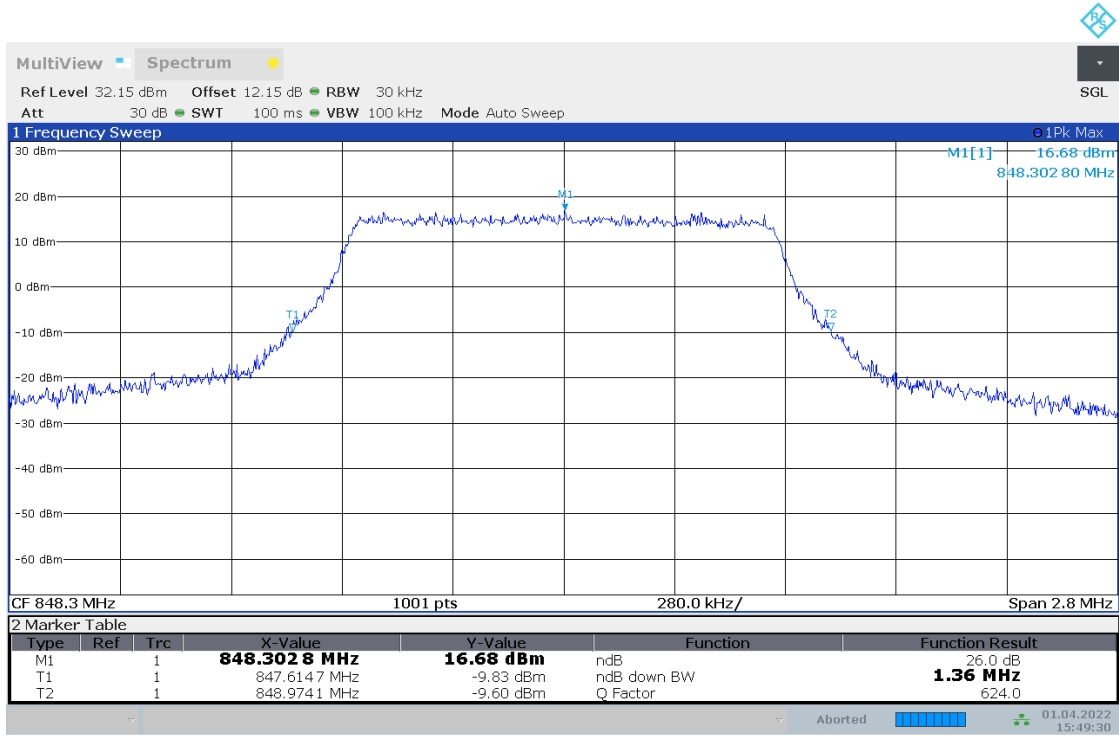


15:49:03 01.04.2022

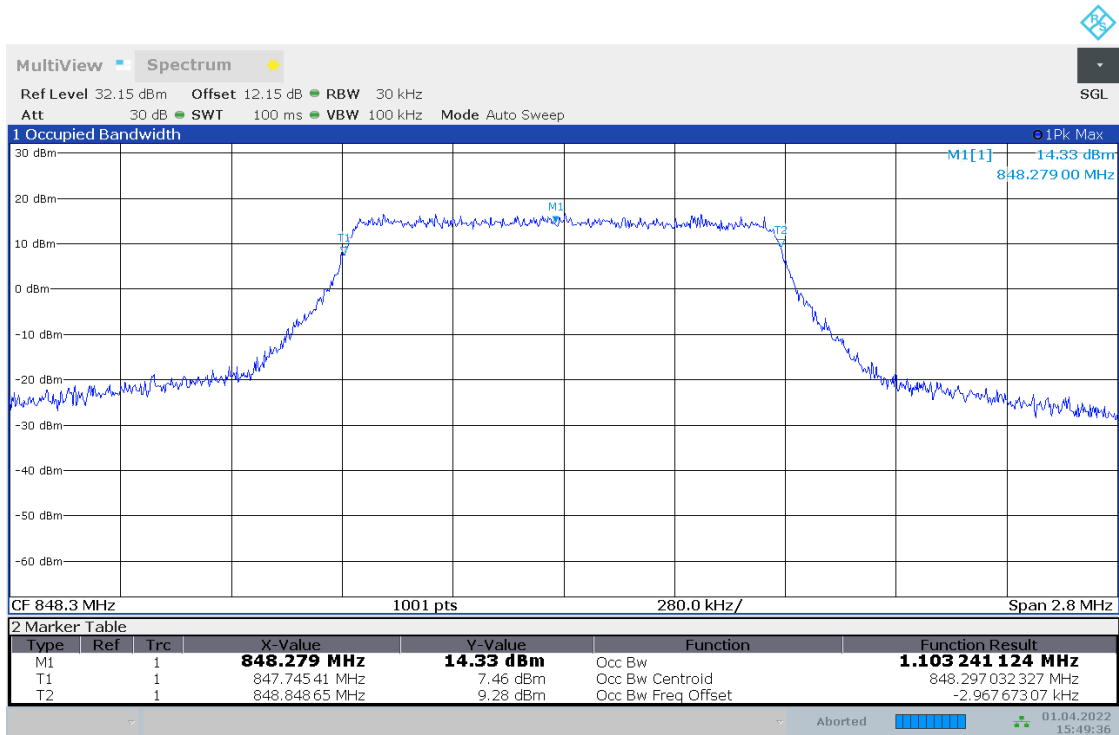


15:49:09 01.04.2022

4.2.3 TM1_1.4MHZ_HCH_RB6#0

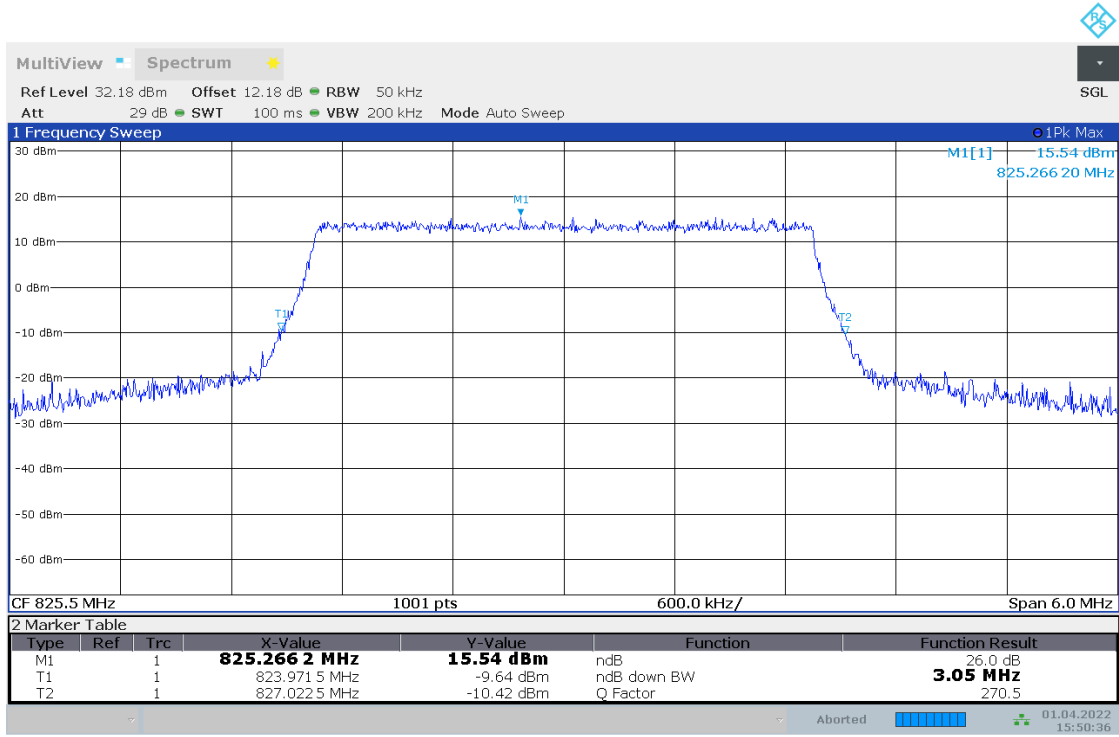


15:49:31 01.04.2022

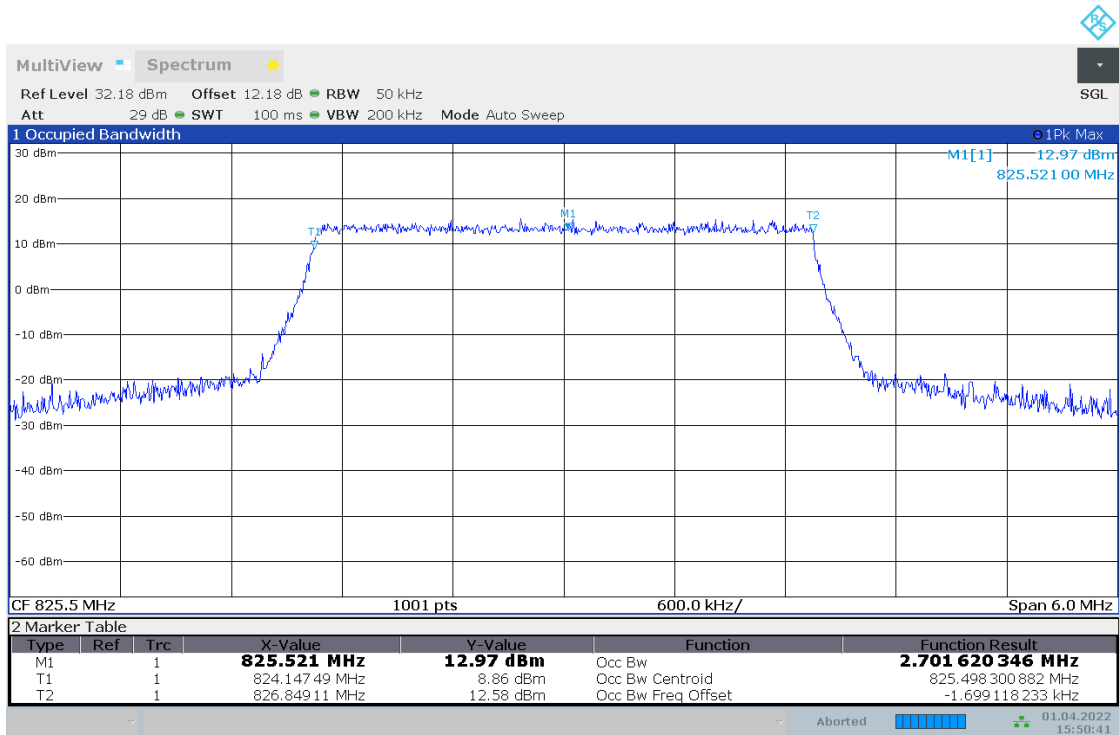


15:49:36 01.04.2022

4.2.4 TM1_3MHZ_LCH_RB15#0

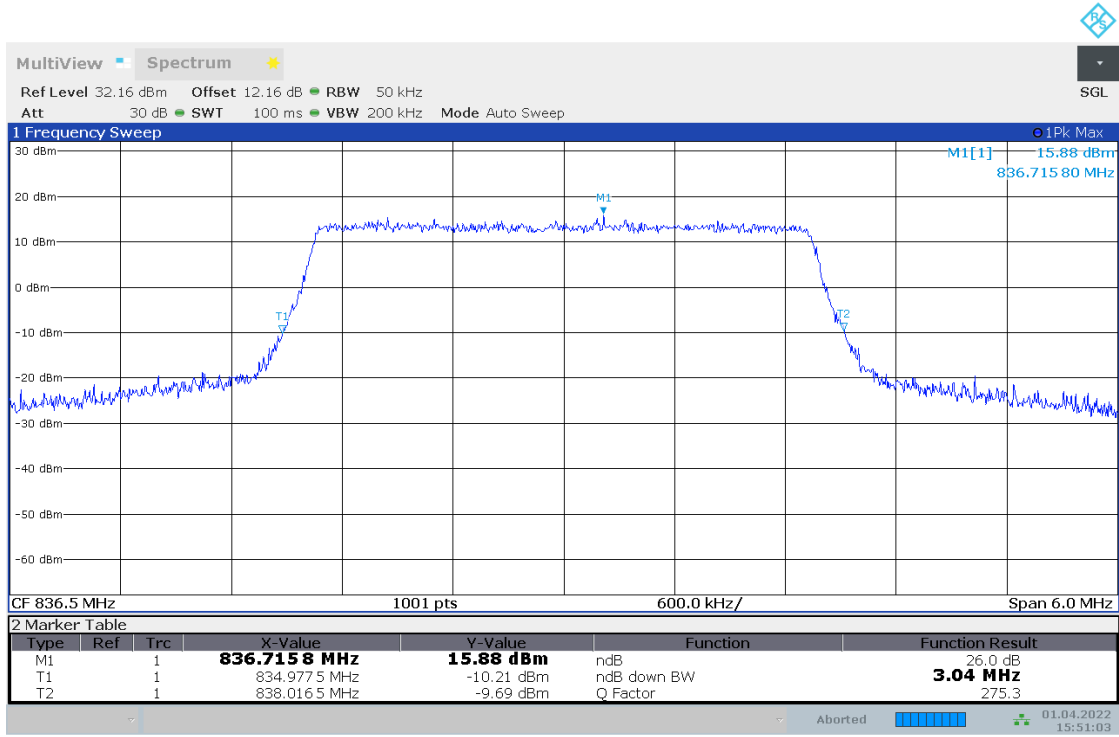


15:50:36 01.04.2022

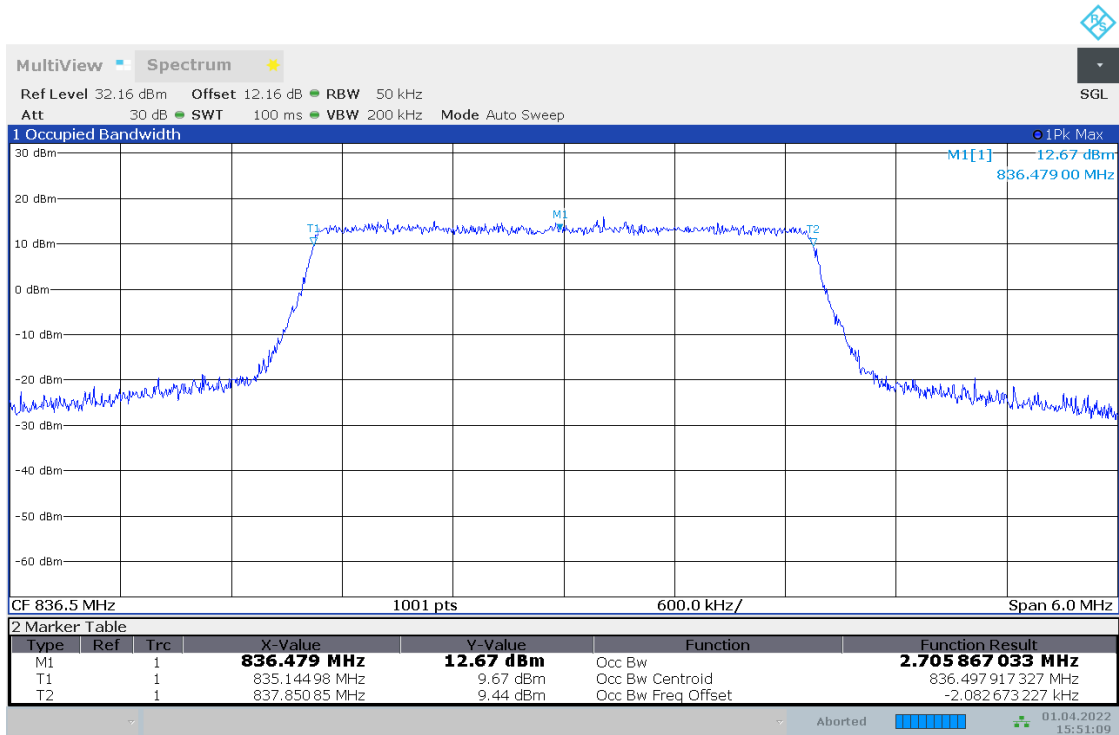


15:50:42 01.04.2022

4.2.5 TM1_3MHZ_MCH_RB15#0

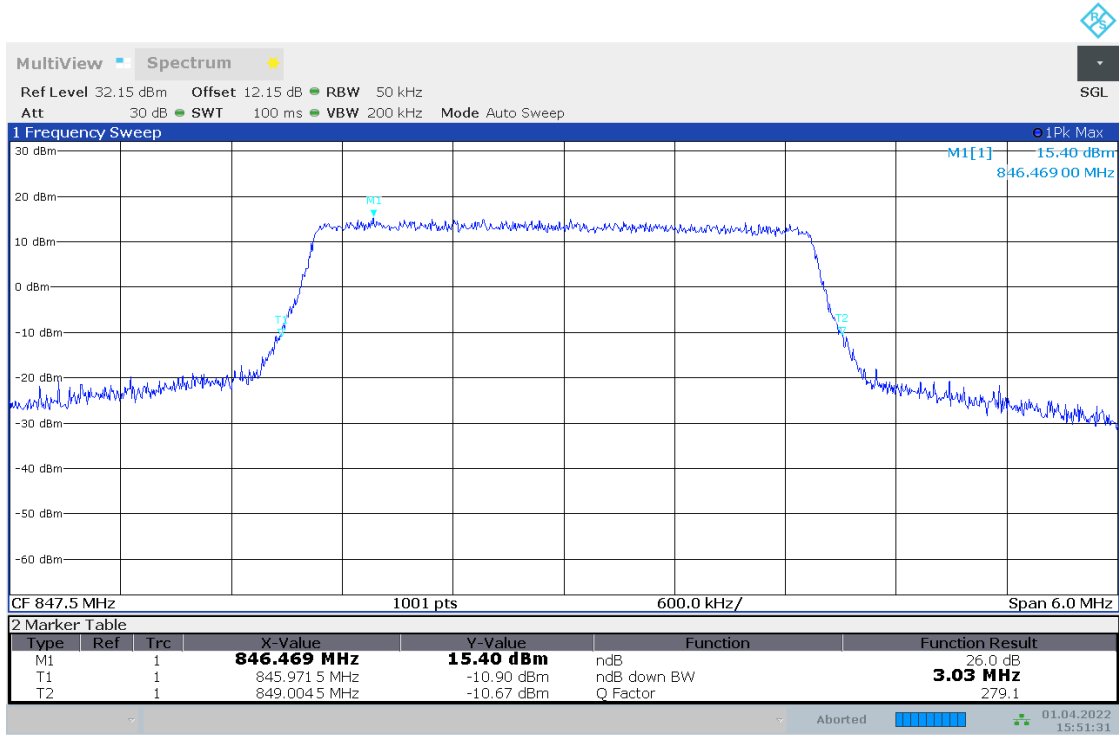


15:51:04 01.04.2022

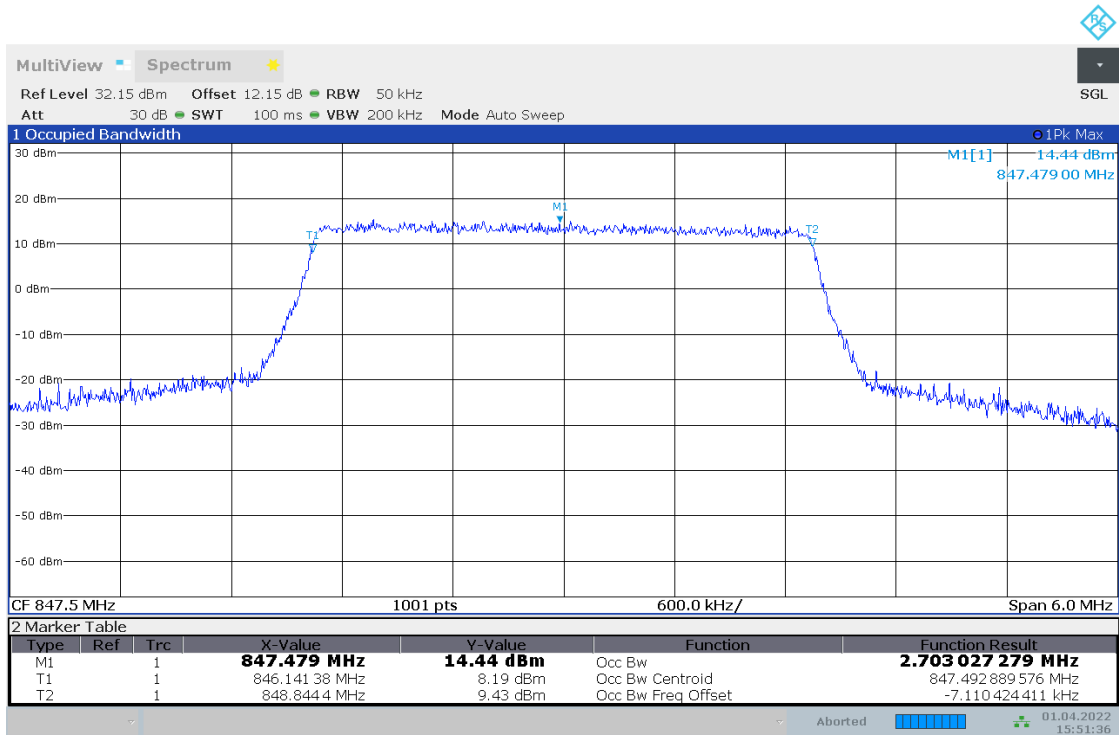


15:51:09 01.04.2022

4.2.6 TM1_3MHZ_HCH_RB15#0

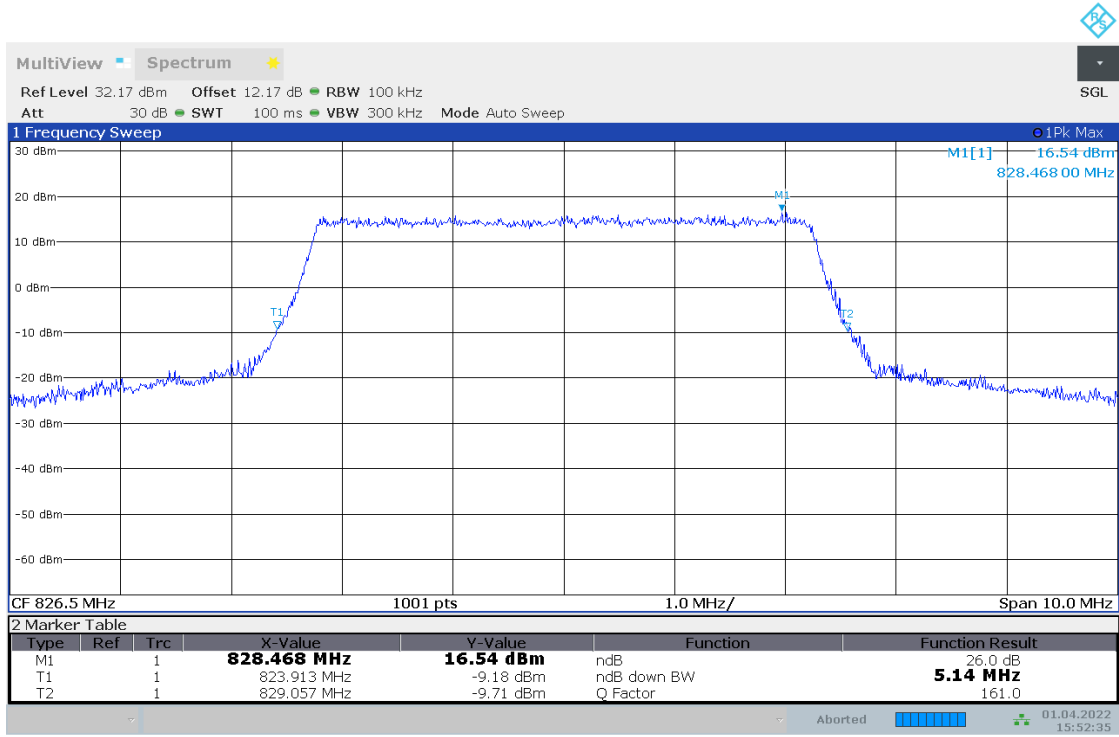


15:51:31 01.04.2022

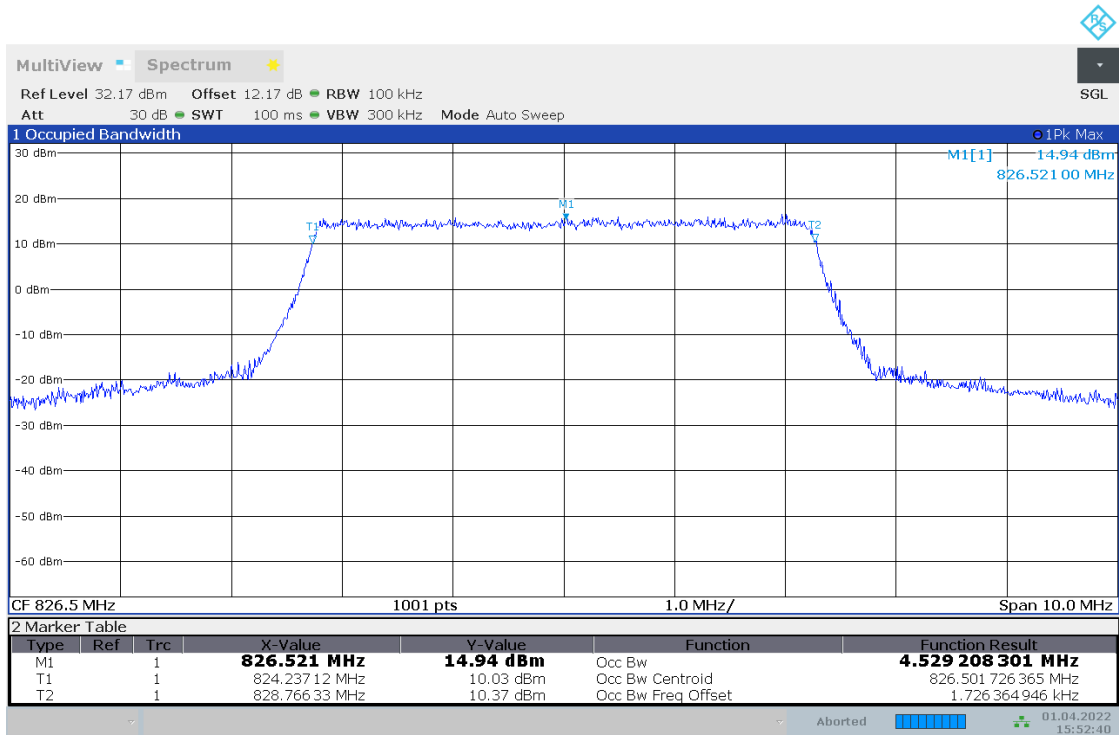


15:51:36 01.04.2022

4.2.7 TM1_5MHZ_LCH_RB25#0

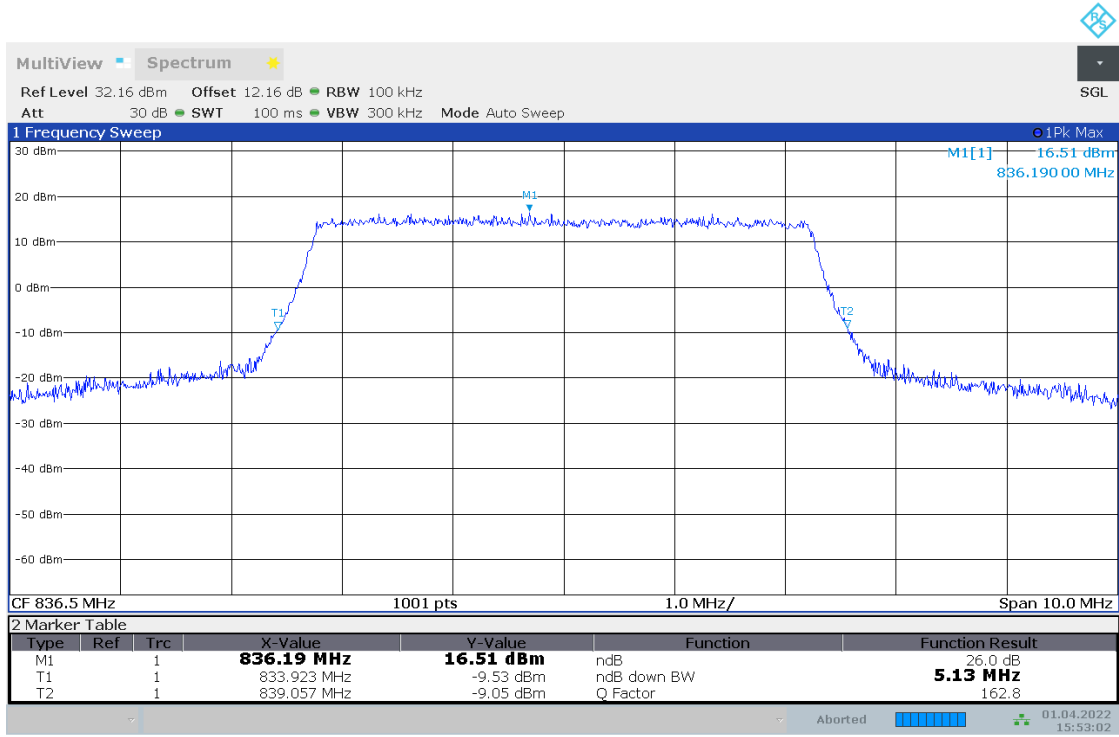


15:52:35 01.04.2022

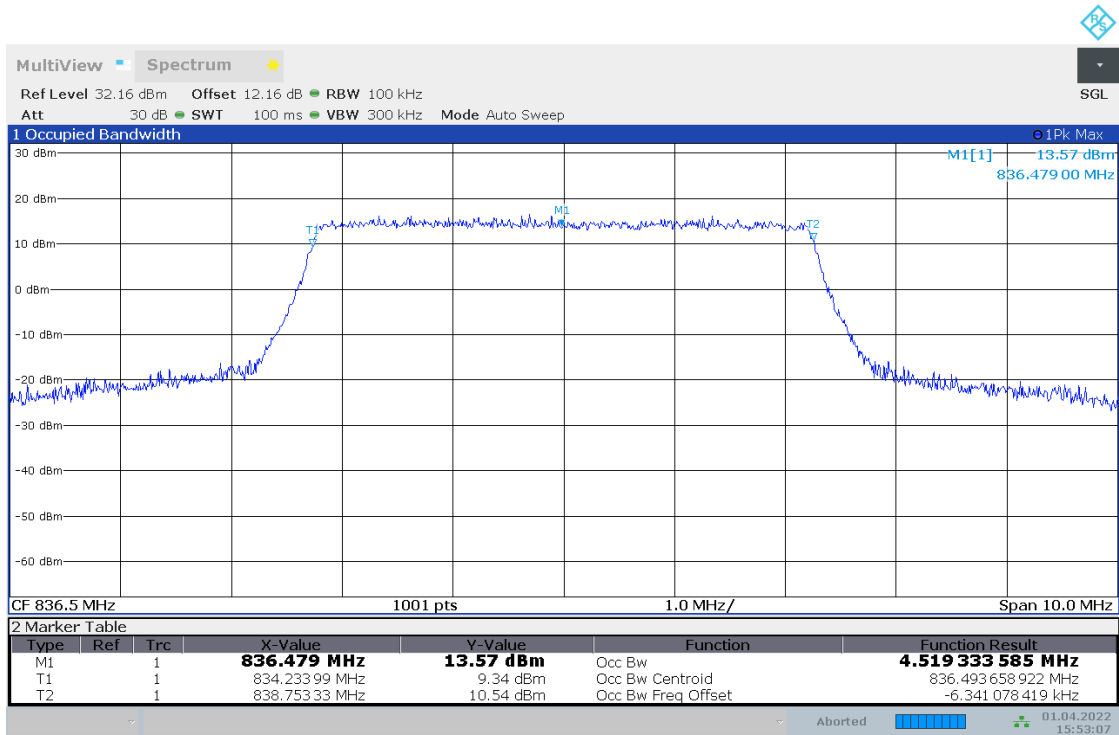


15:52:40 01.04.2022

4.2.8 TM1_5MHZ_MCH_RB25#0

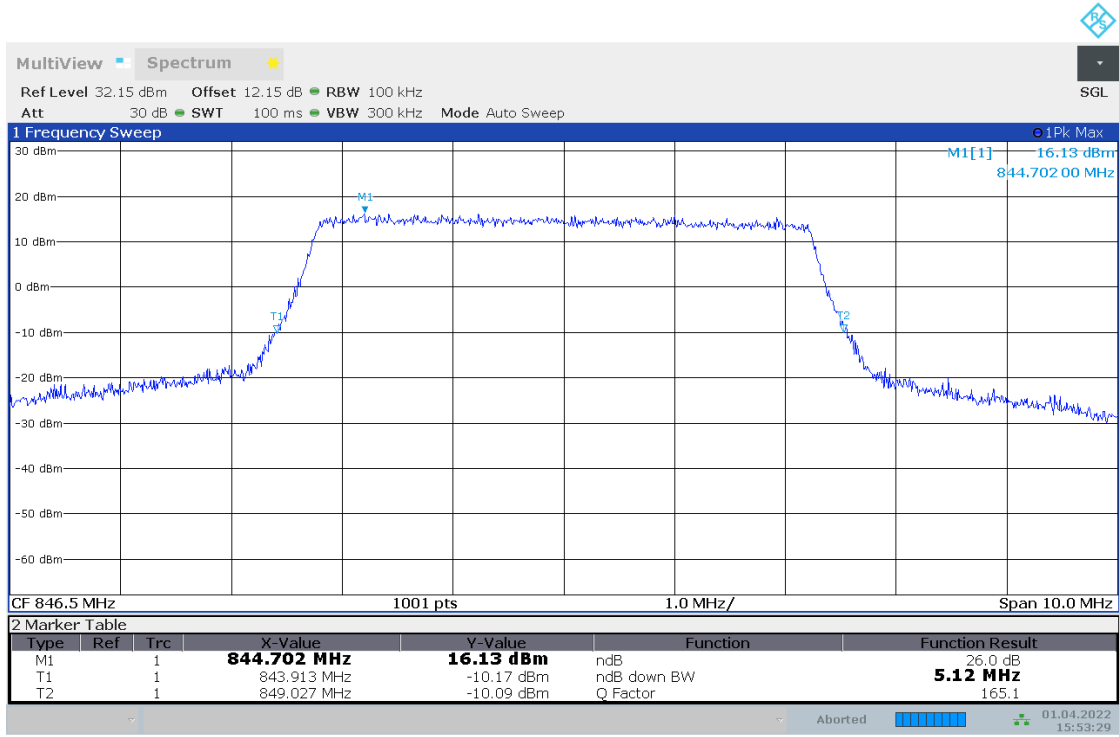


15:53:02 01.04.2022

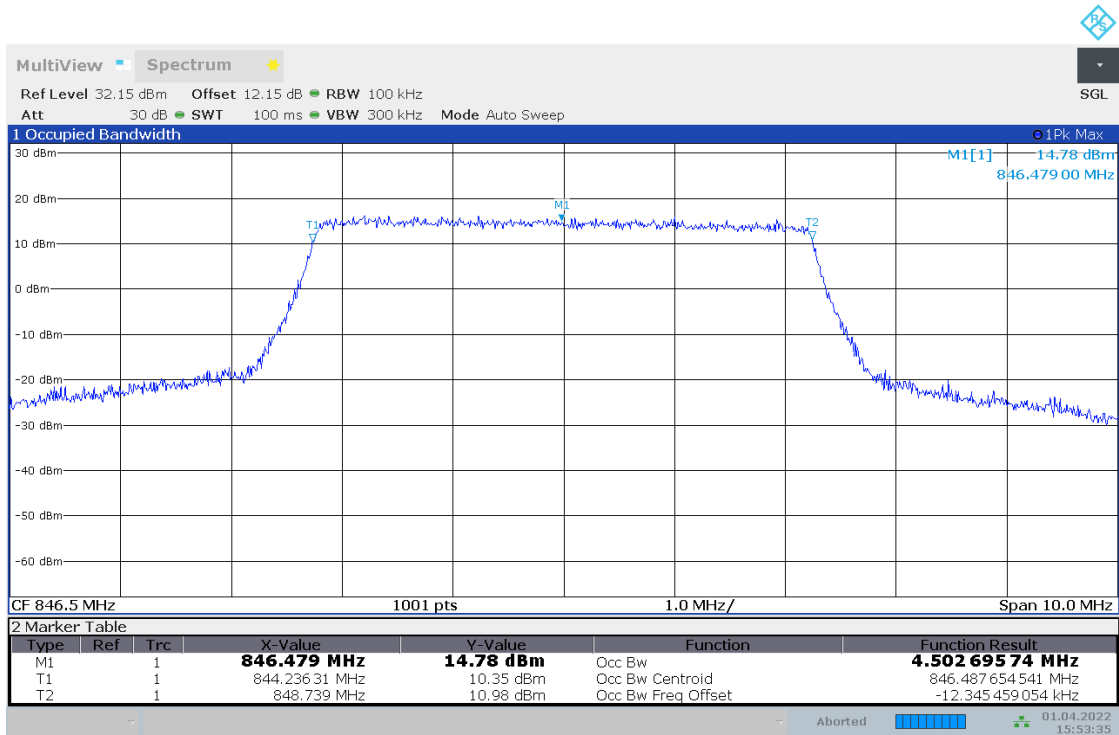


15:53:08 01.04.2022

4.2.9 TM1_5MHZ_HCH_RB25#0

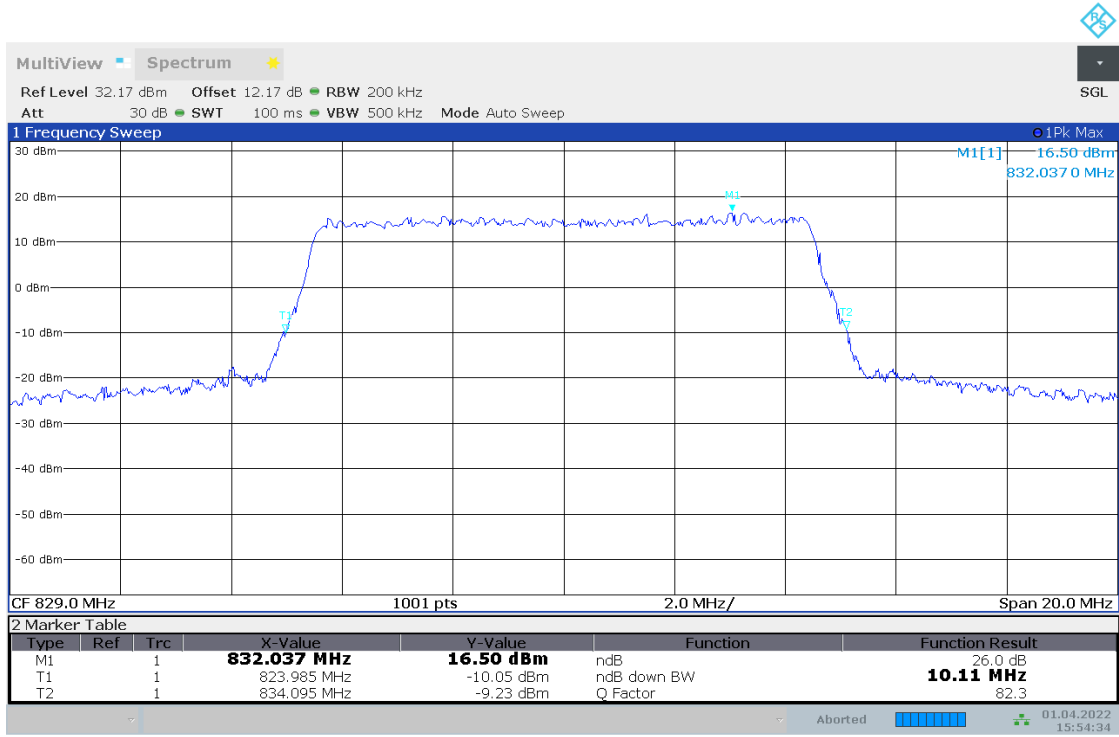


15:53:30 01.04.2022

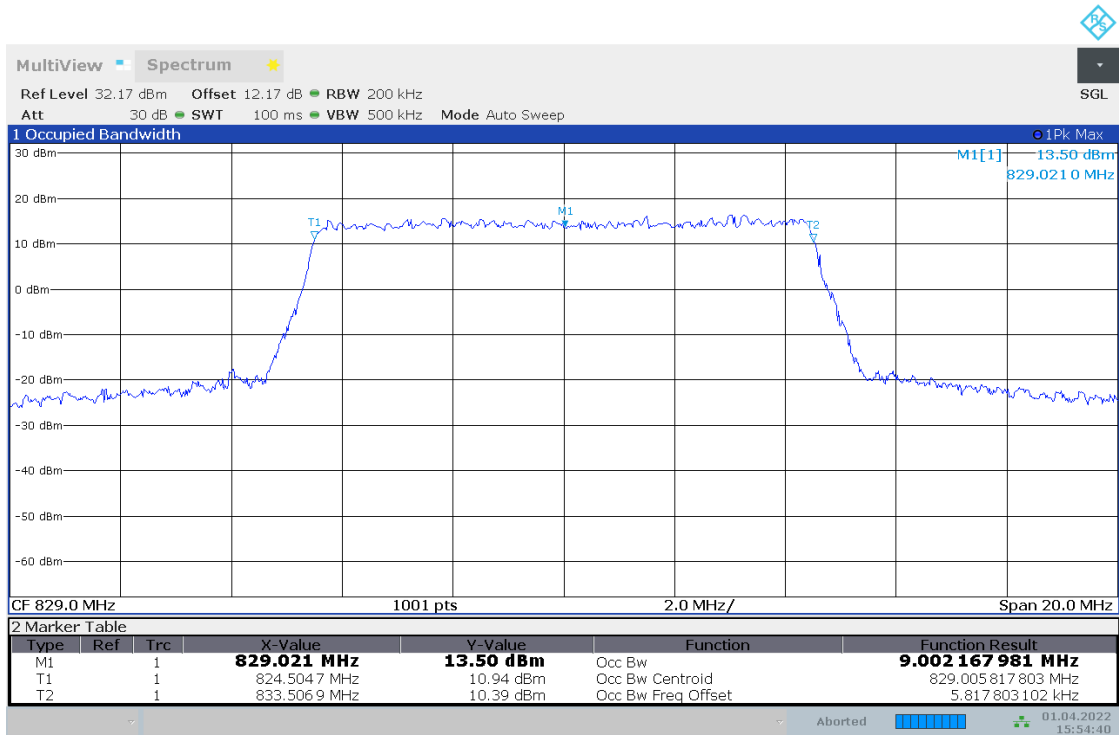


15:53:35 01.04.2022

4.2.10 TM1_10MHZ_LCH_RB50#0

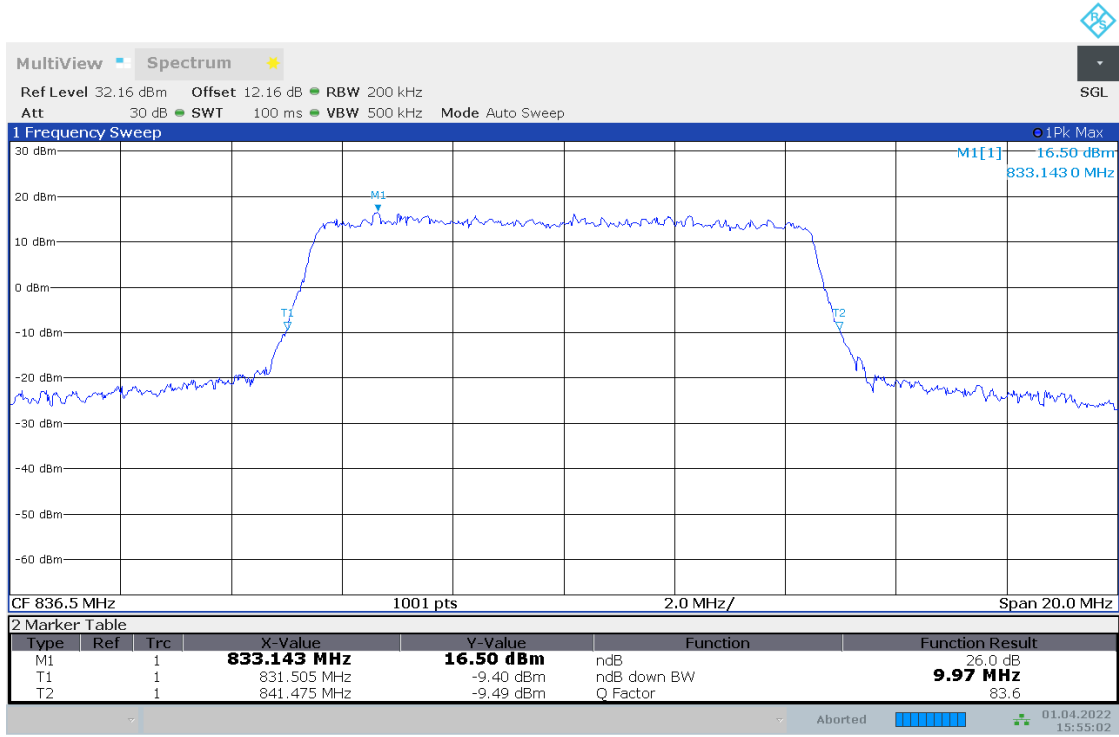


15:54:35 01.04.2022

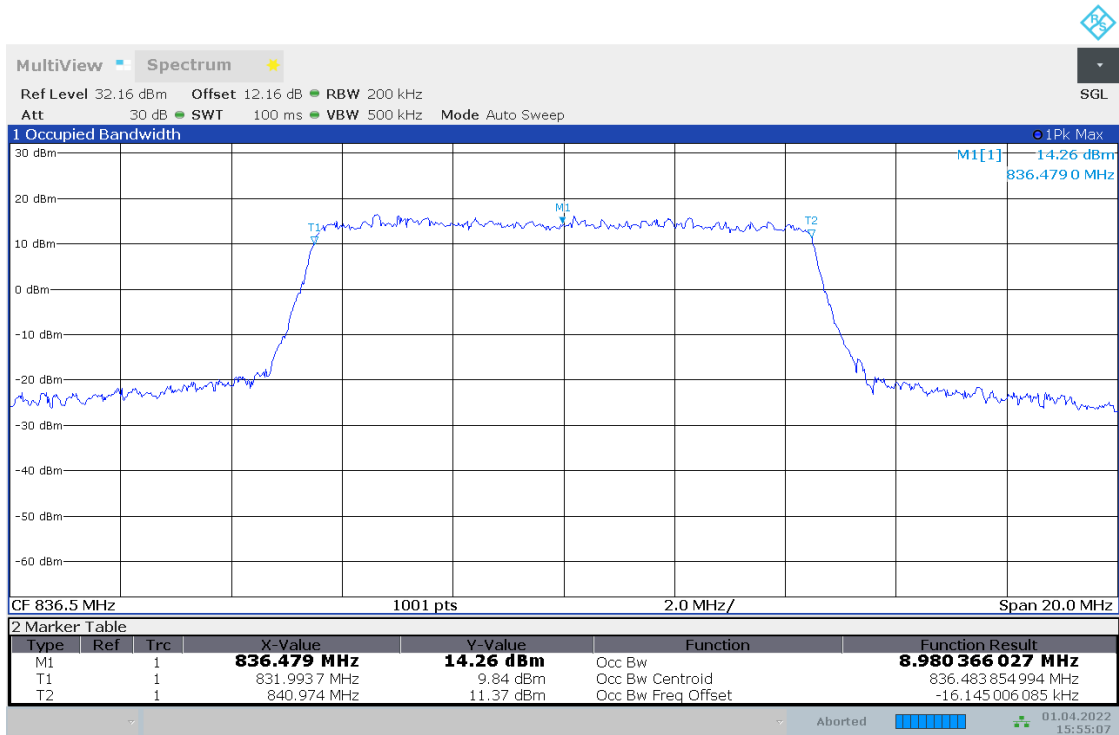


15:54:40 01.04.2022

4.2.11 TM1_10MHZ_MCH_RB50#0

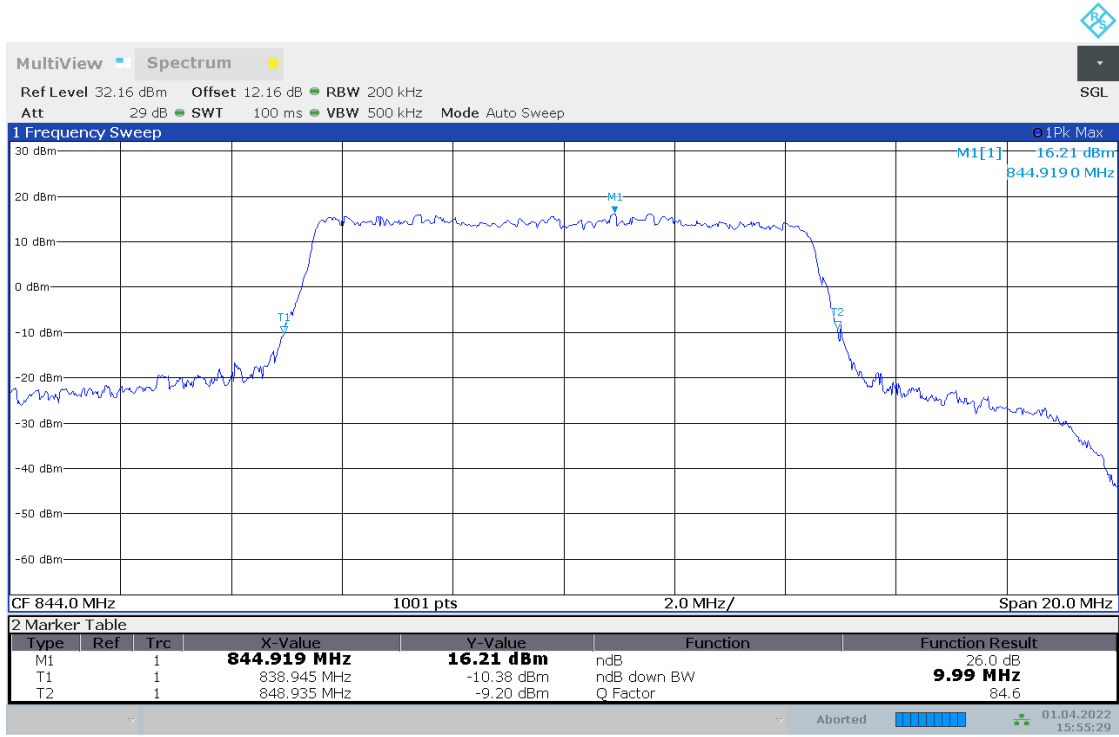


15:55:02 01.04.2022

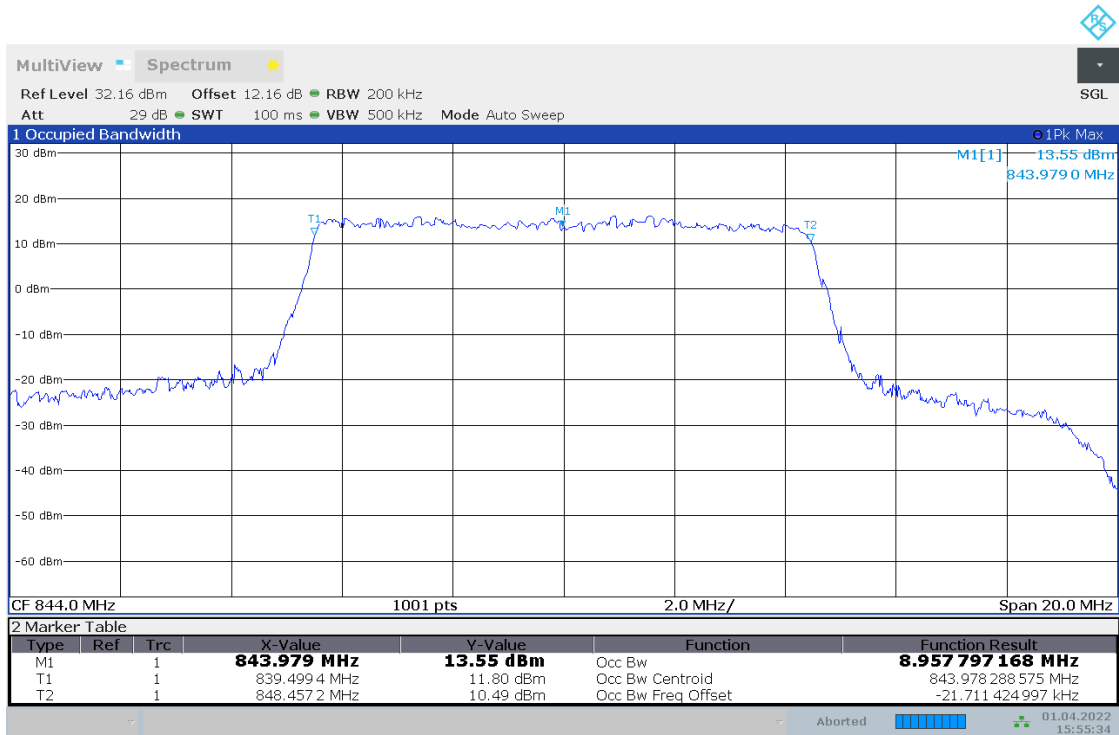


15:55:07 01.04.2022

4.2.12TM1_10MHZ_HCH_RB50#0

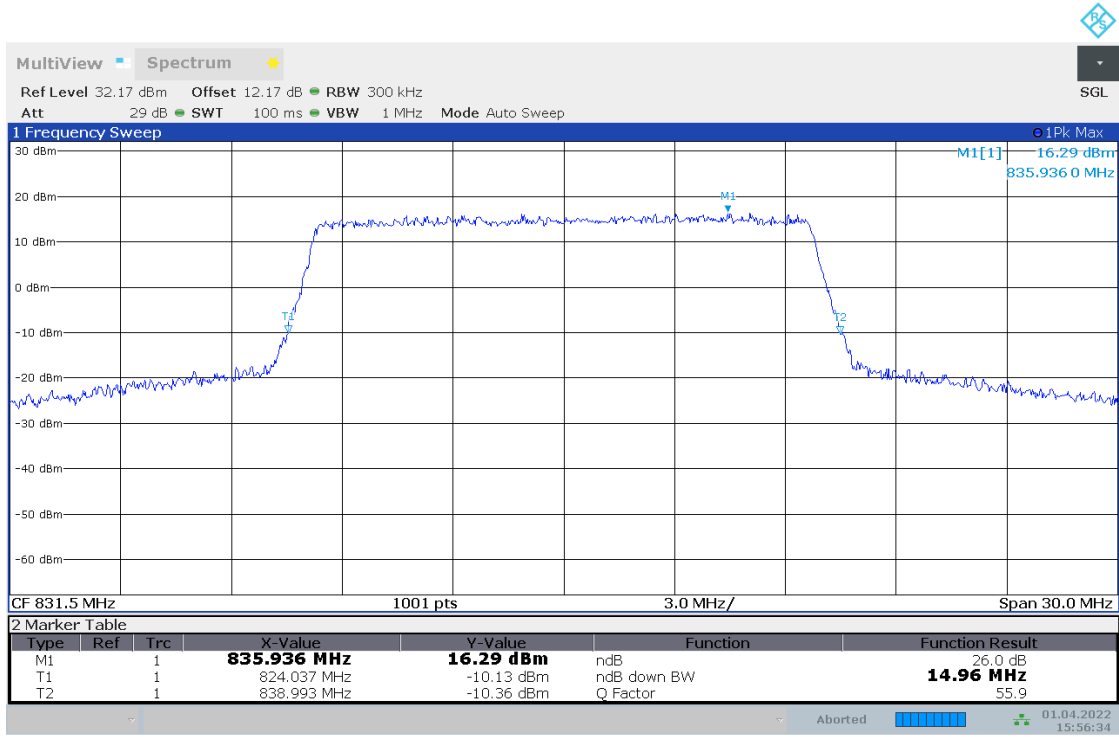


15:55:29 01.04.2022

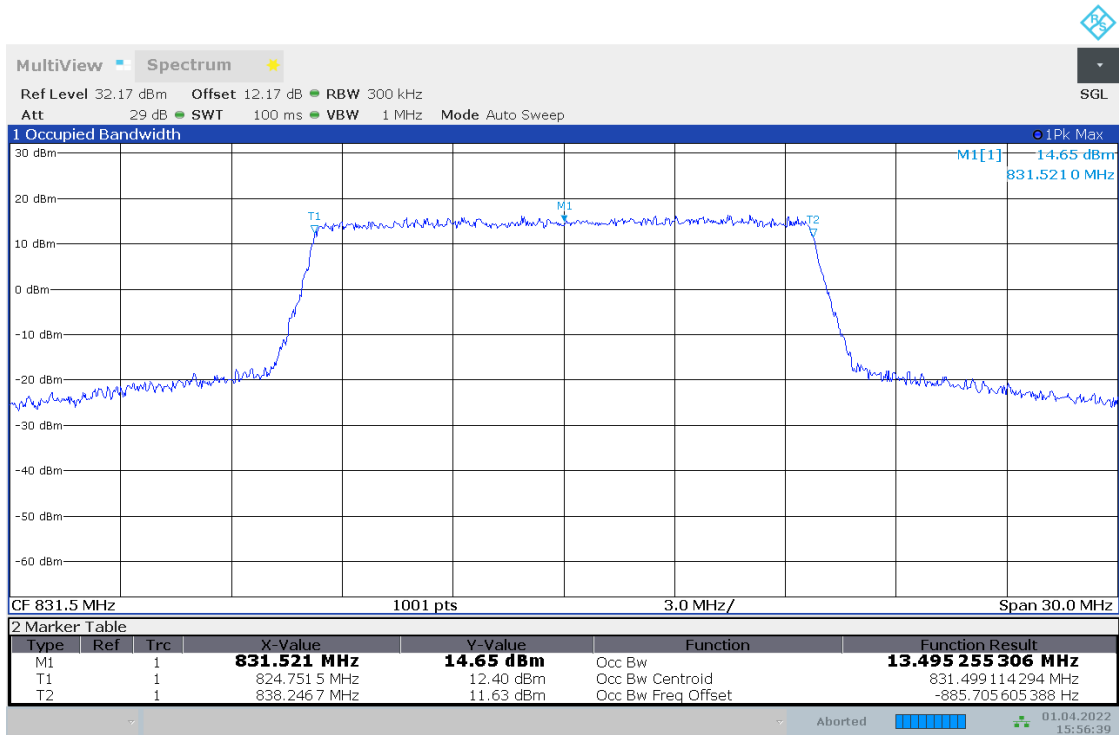


15:55:35 01.04.2022

4.2.13 TM1_15MHZ_LCH_RB75#0

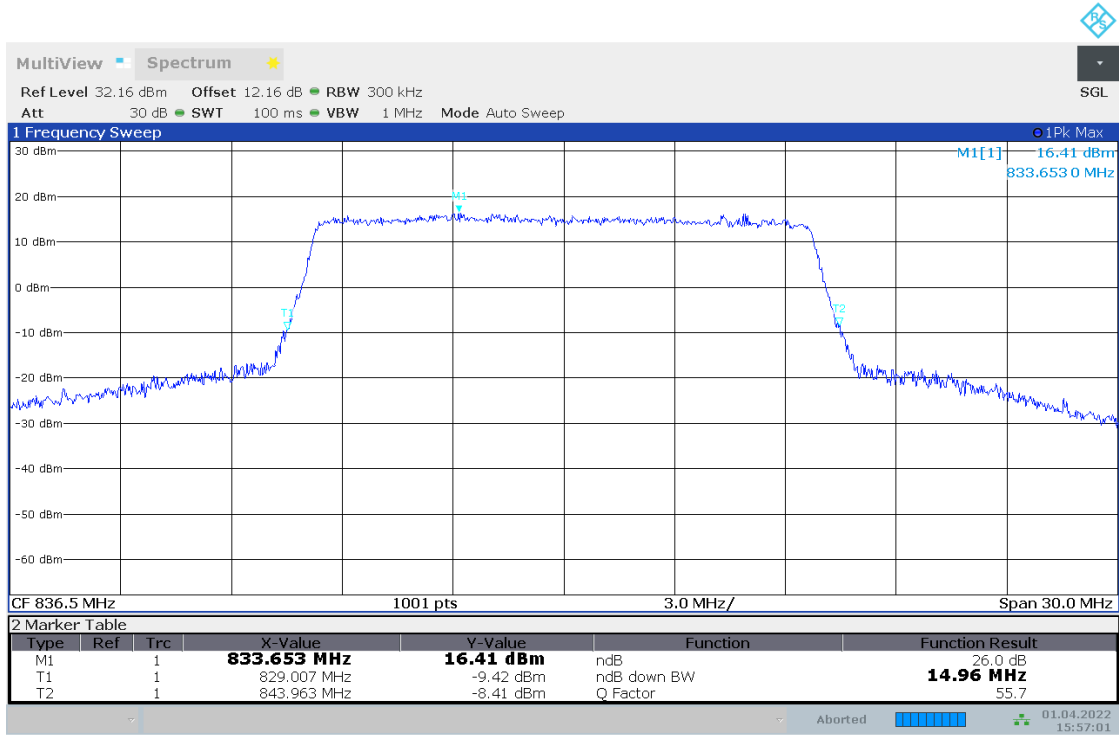


15:56:34 01.04.2022

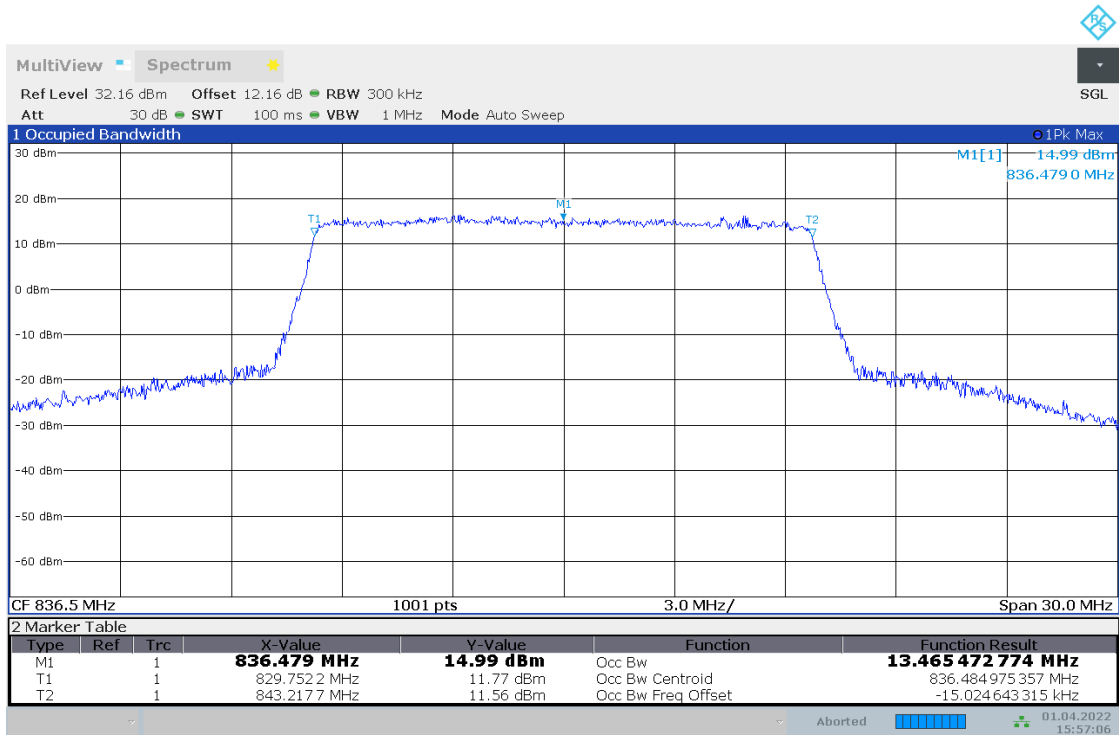


15:56:39 01.04.2022

4.2.14 TM1_15MHZ_MCH_RB75#0

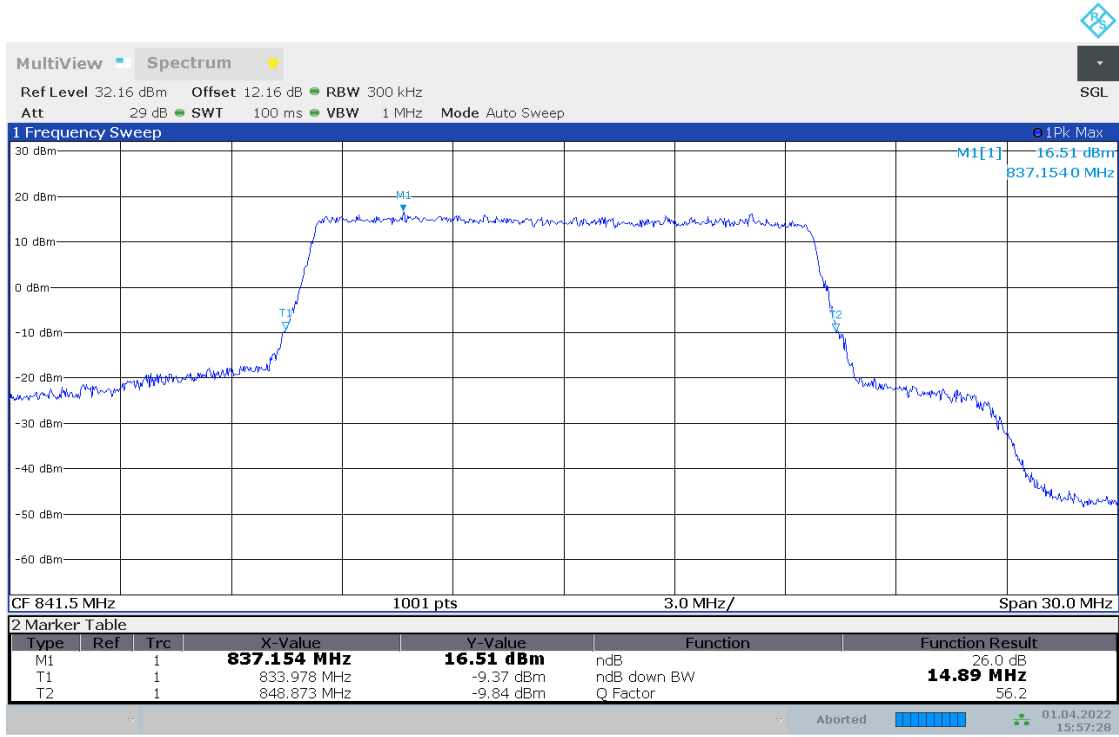


15:57:01 01.04.2022

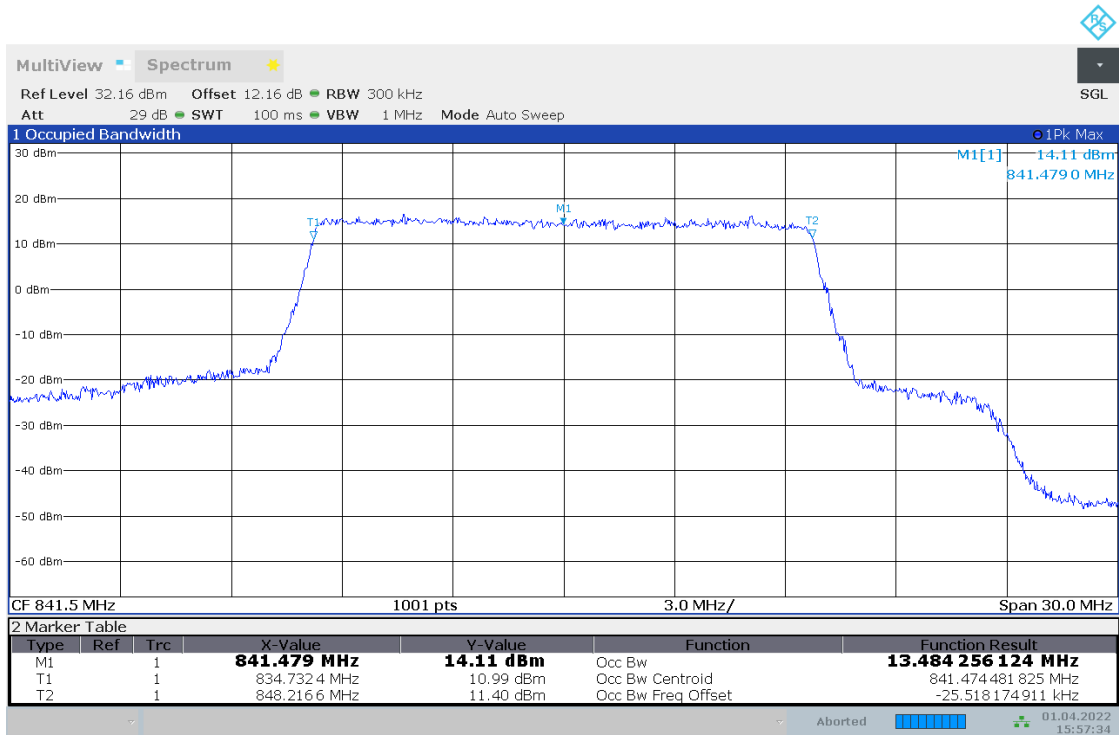


15:57:07 01.04.2022

4.2.15 TM1_15MHZ_HCH_RB75#0

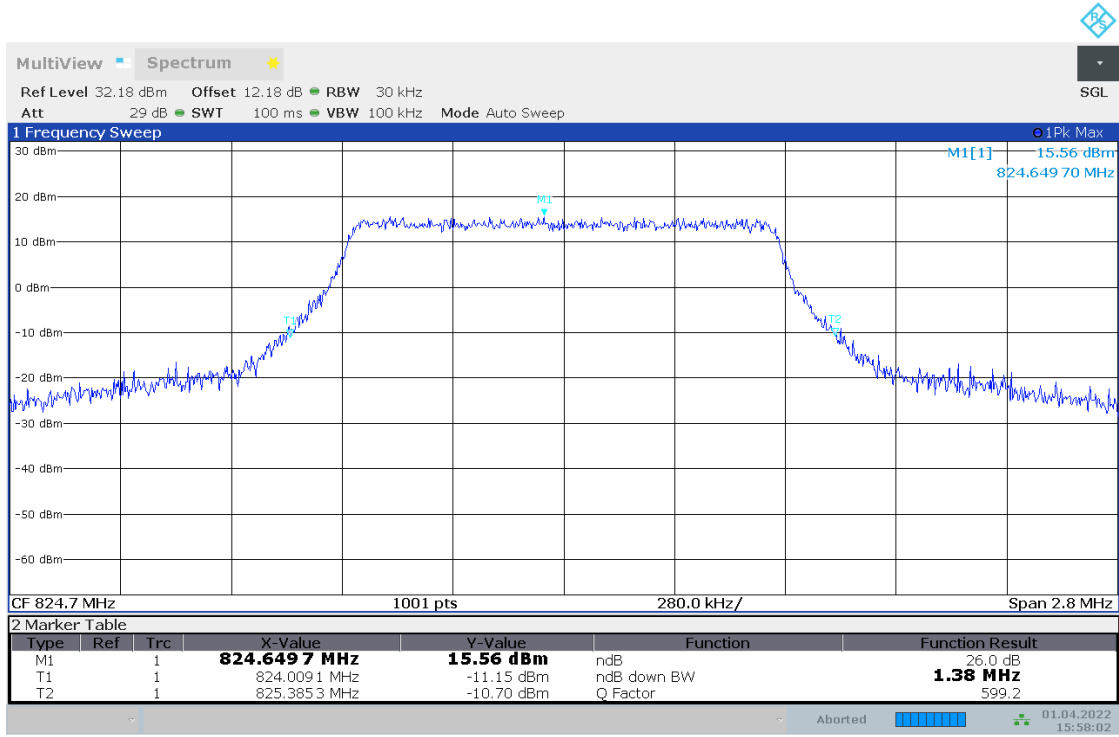


15:57:29 01.04.2022

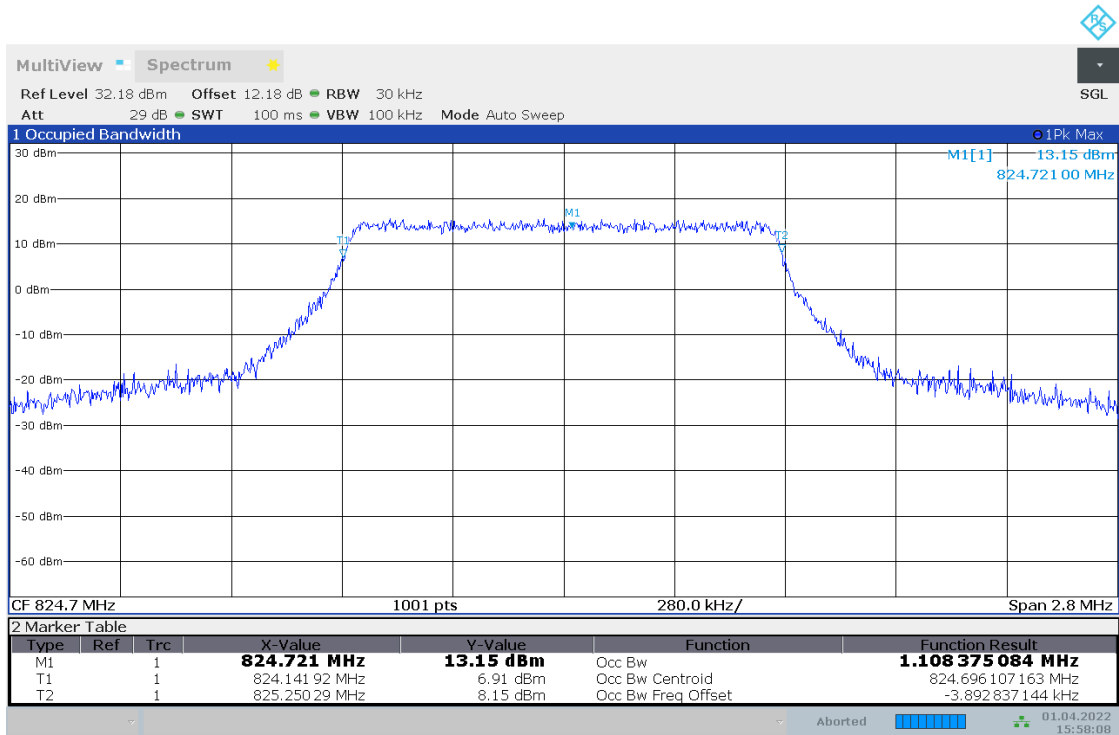


15:57:34 01.04.2022

4.2.16 TM2_1.4MHZ_LCH_RB6#0

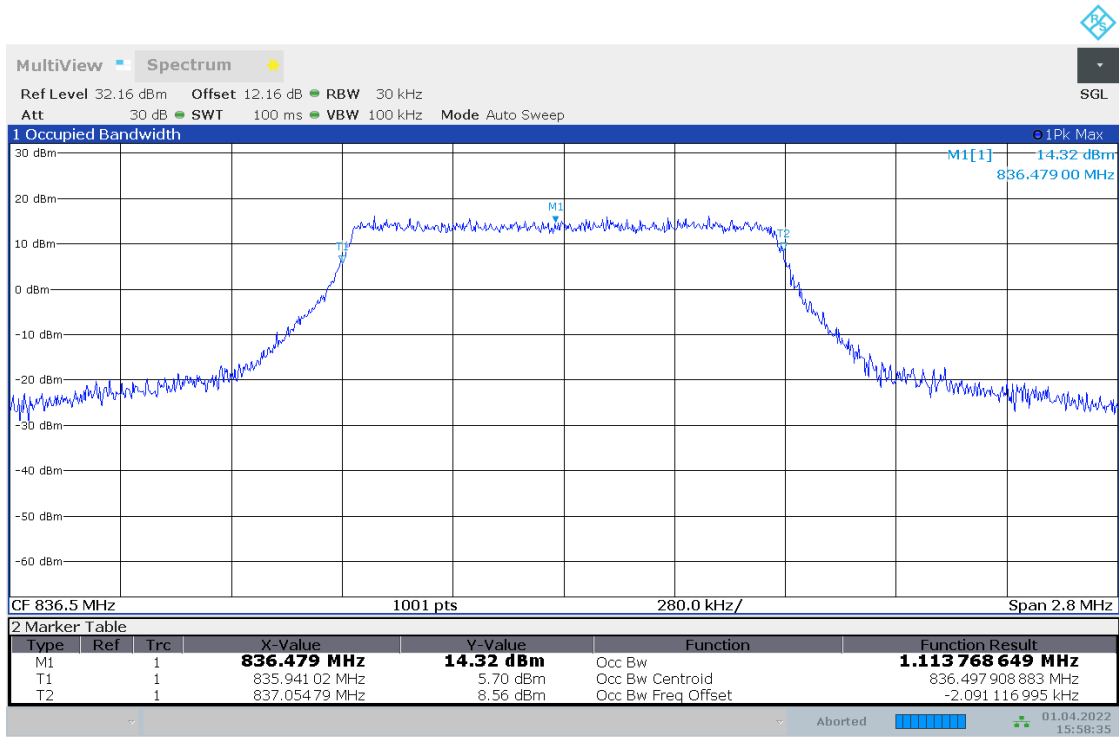
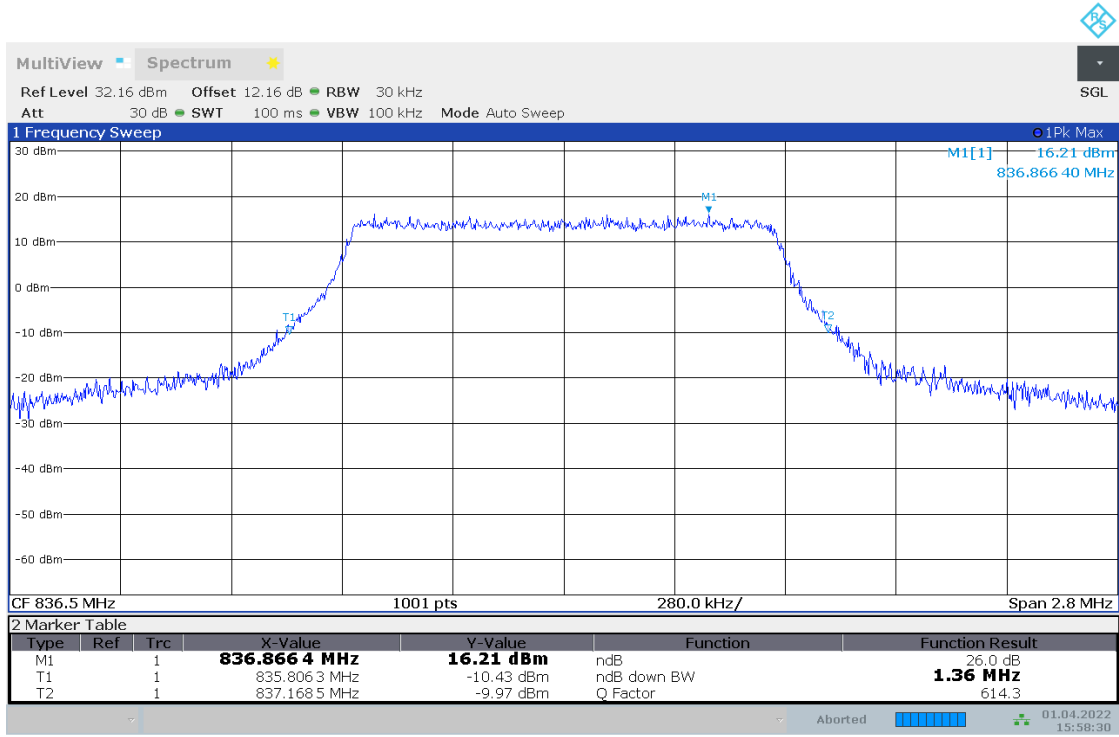


15:58:03 01.04.2022

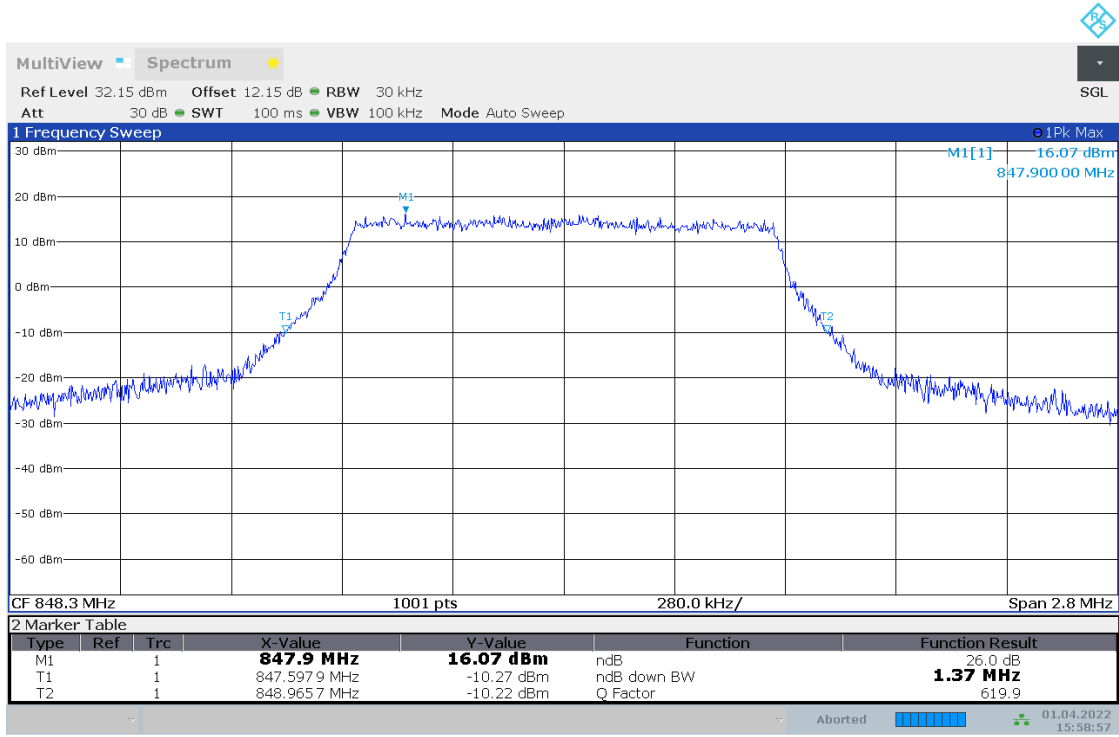


15:58:08 01.04.2022

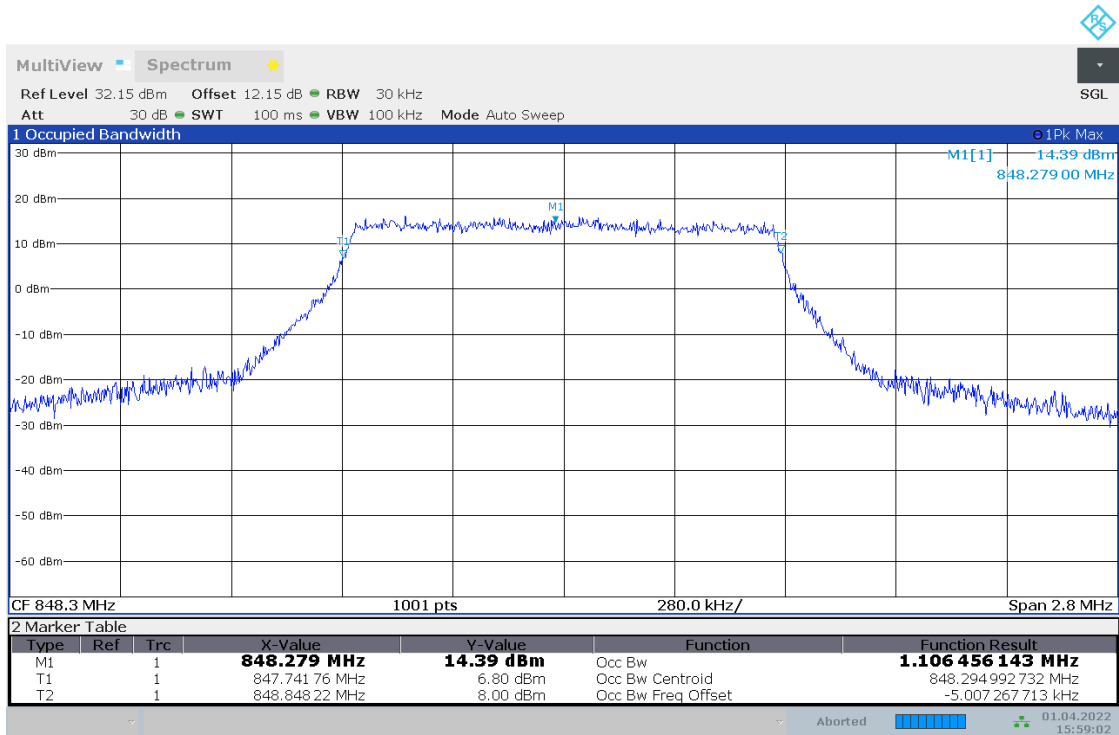
4.2.17 TM2_1.4MHZ_MCH_RB6#0



4.2.18 TM2_1.4MHZ_HCH_RB6#0

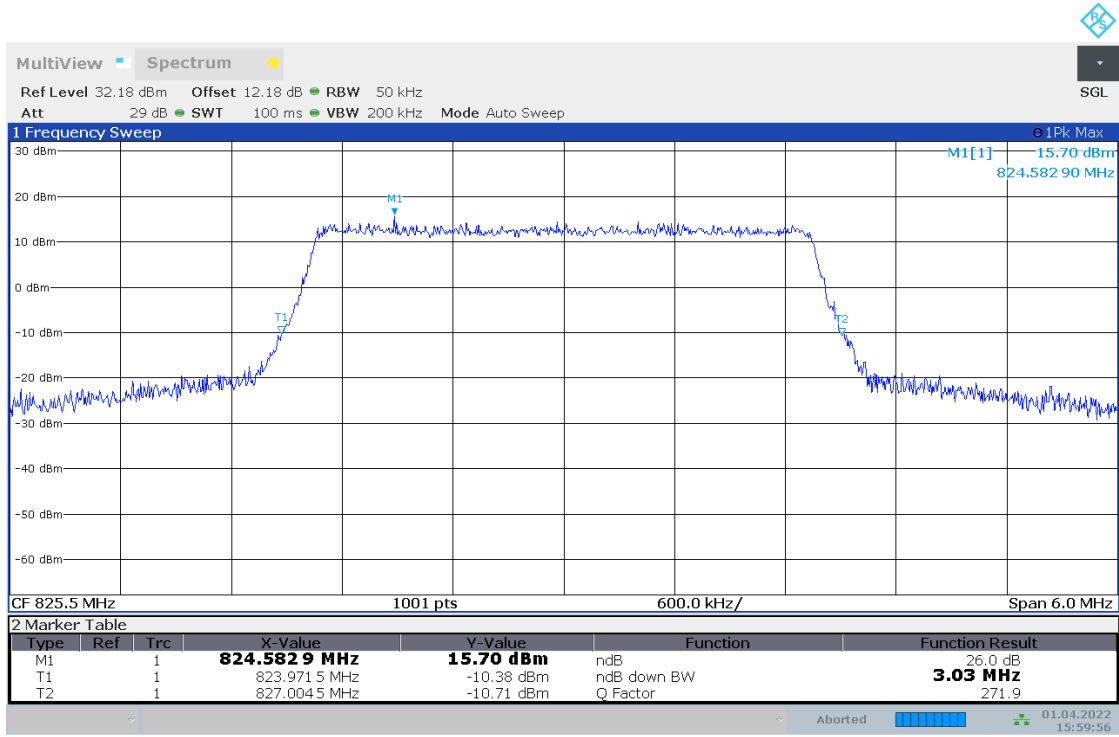


15:58:57 01.04.2022

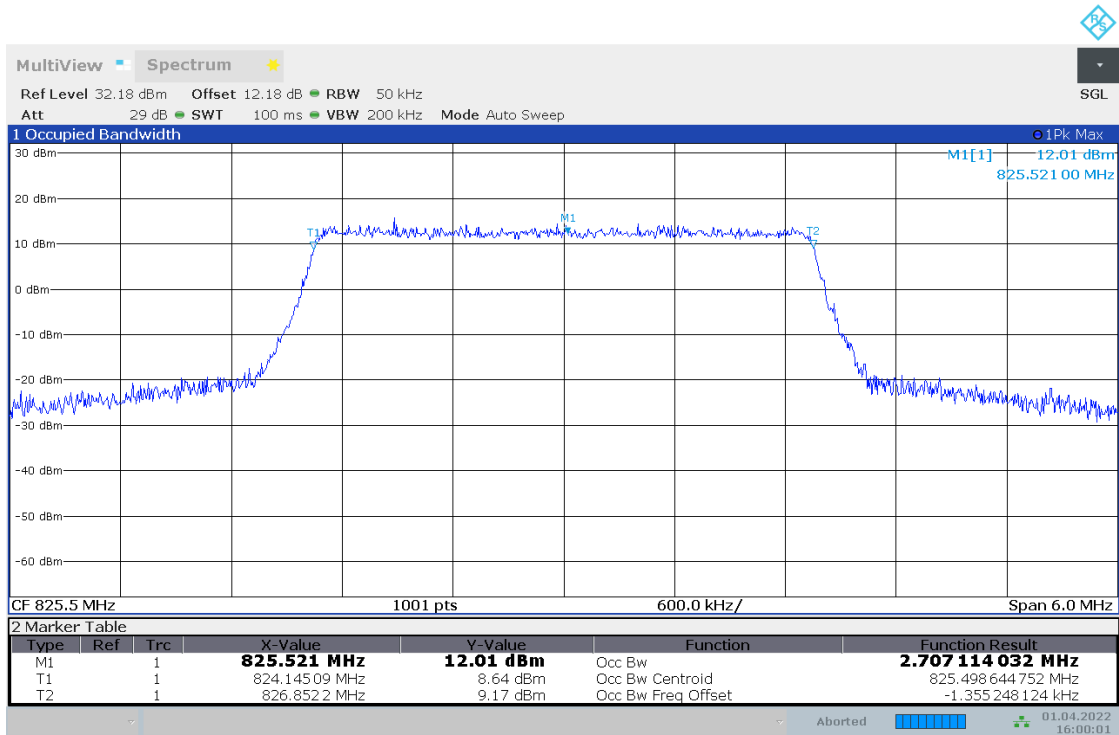


15:59:02 01.04.2022

4.2.19 TM2_3MHZ_LCH_RB15#0

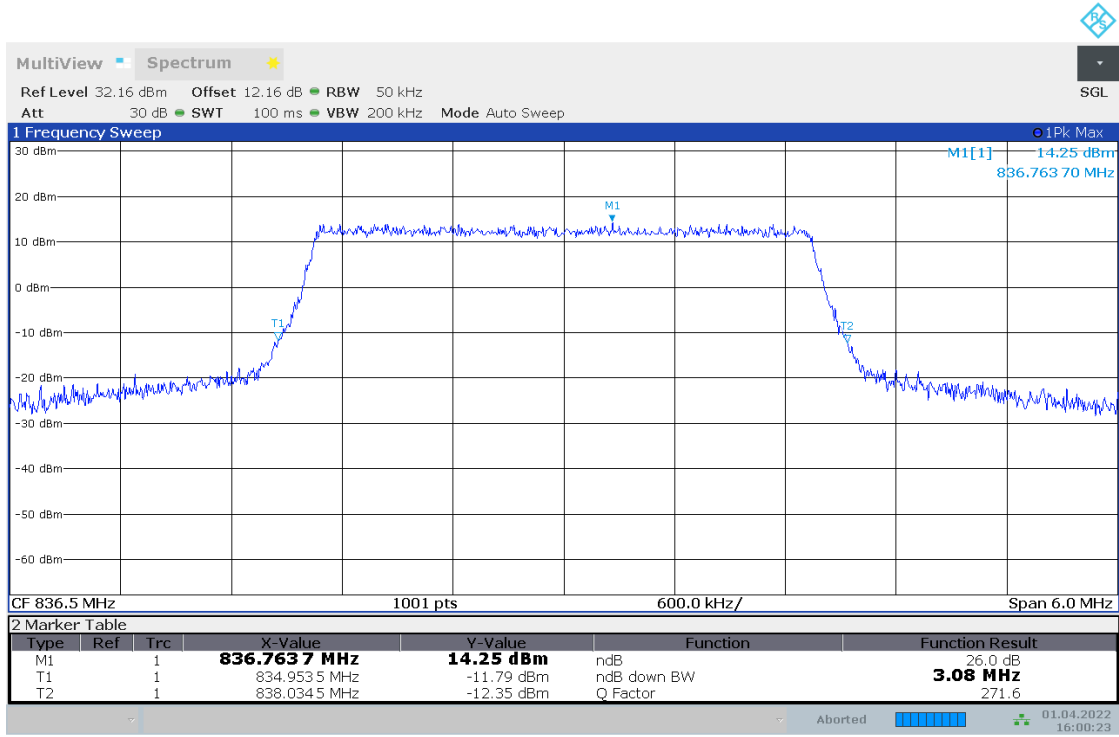


15:59:57 01.04.2022

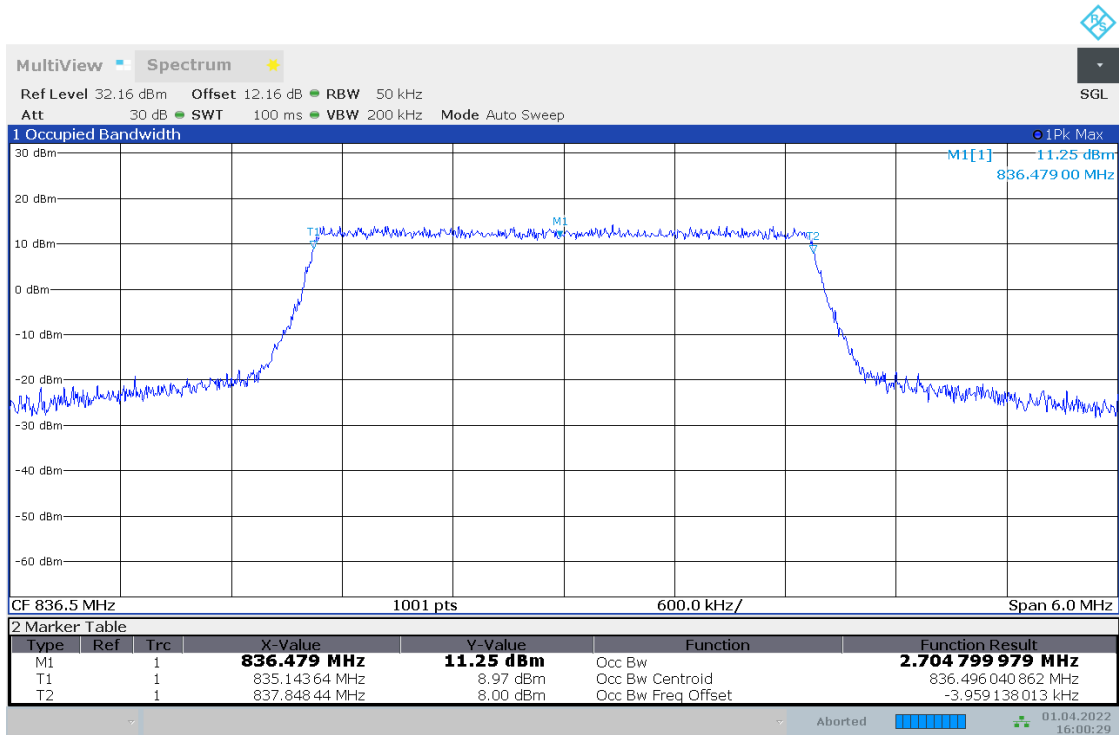


16:00:02 01.04.2022

4.2.20 TM2_3MHZ_MCH_RB15#0

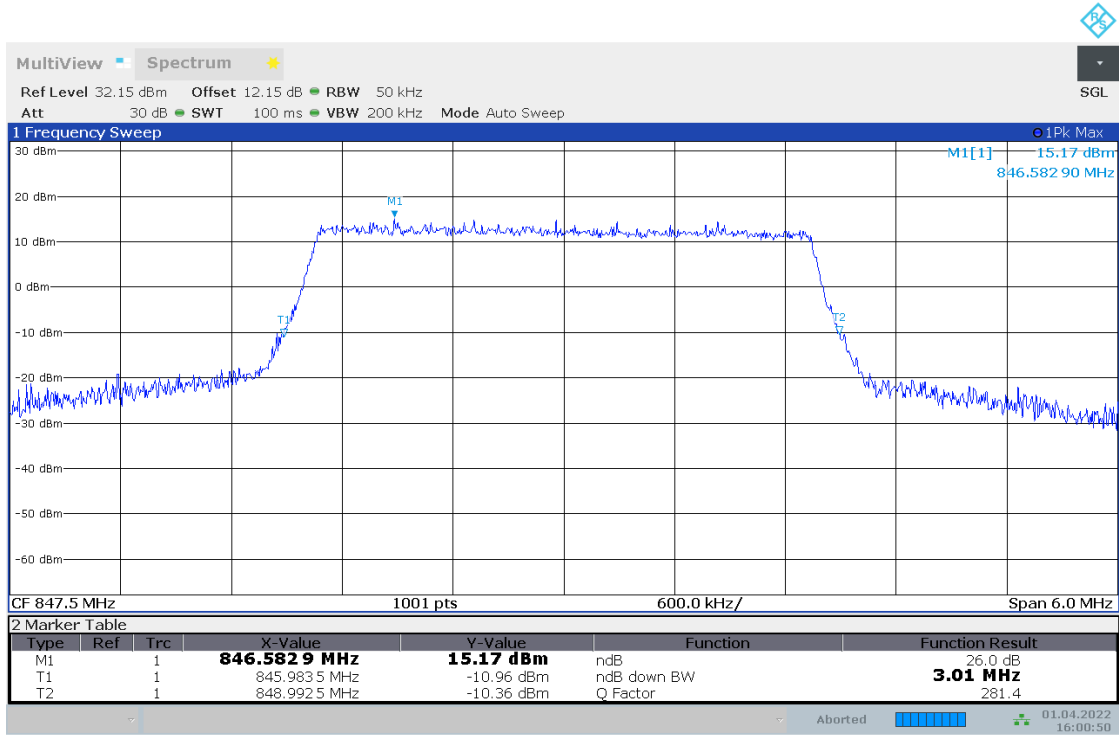


16:00:24 01.04.2022

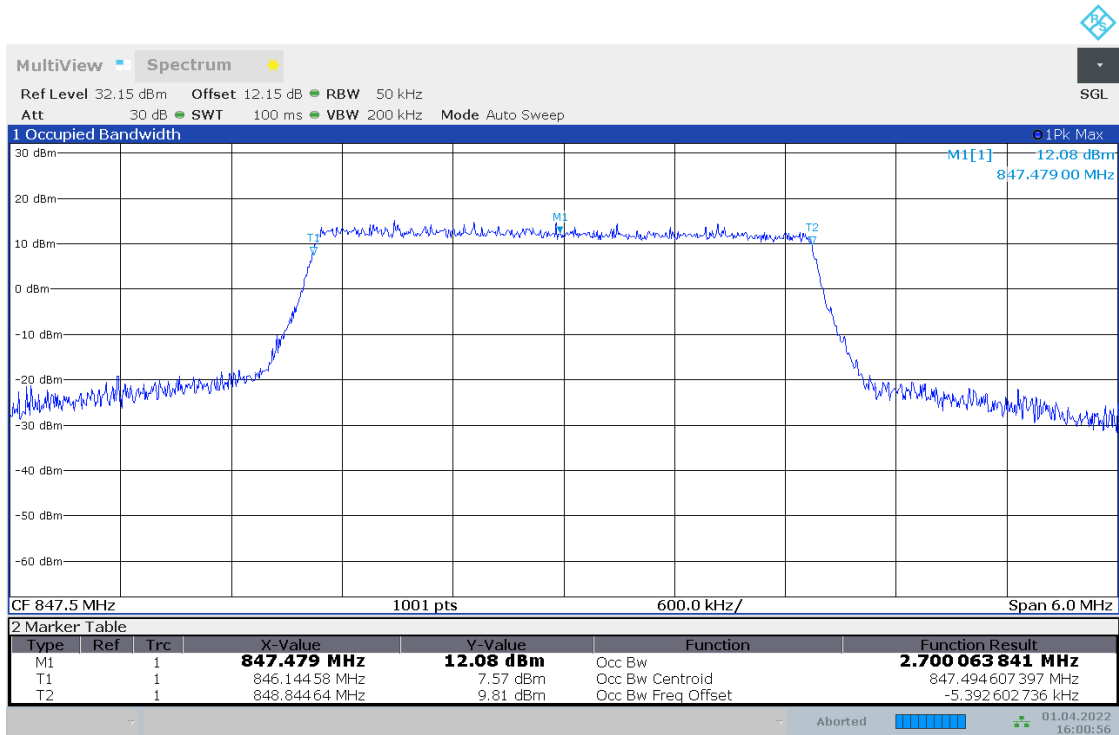


16:00:29 01.04.2022

4.2.21 TM2_3MHZ_HCH_RB15#0

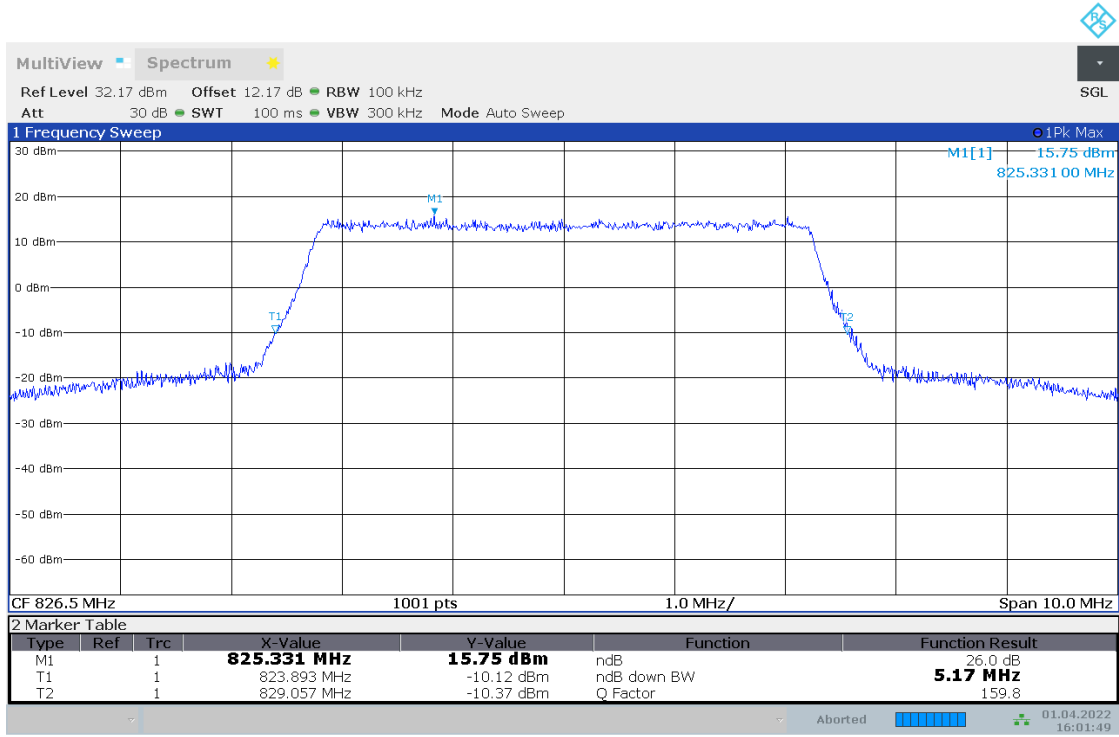


16:00:51 01.04.2022

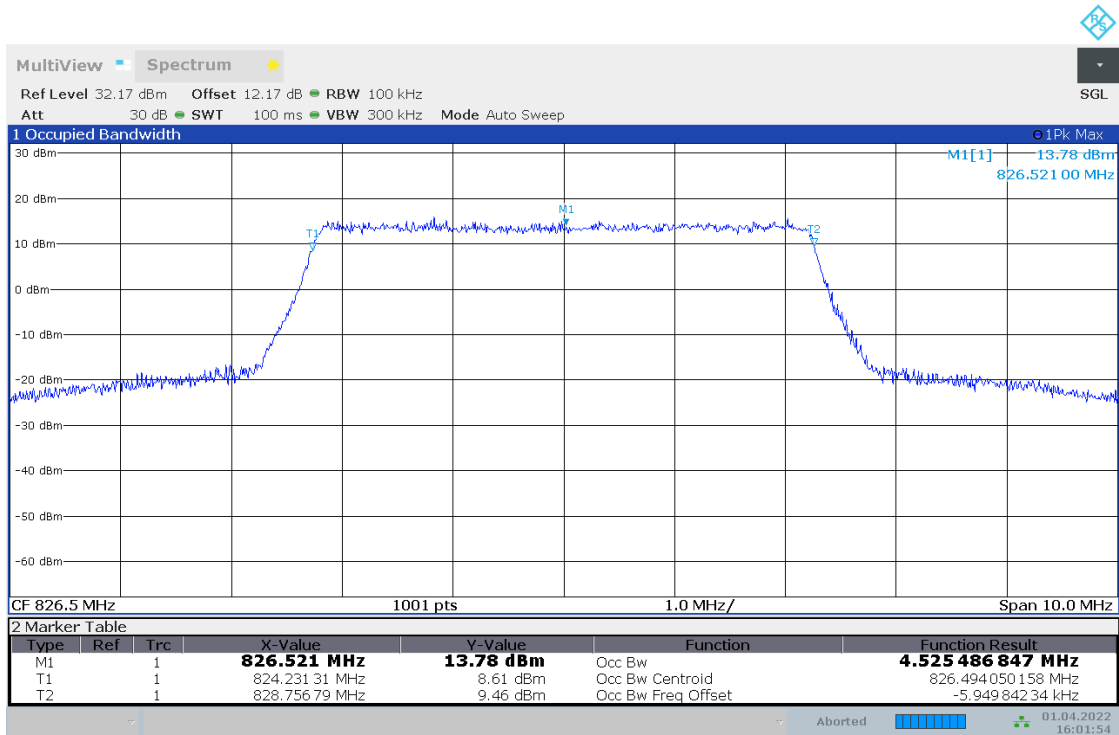


16:00:56 01.04.2022

4.2.22 TM2_5MHZ_LCH_RB25#0

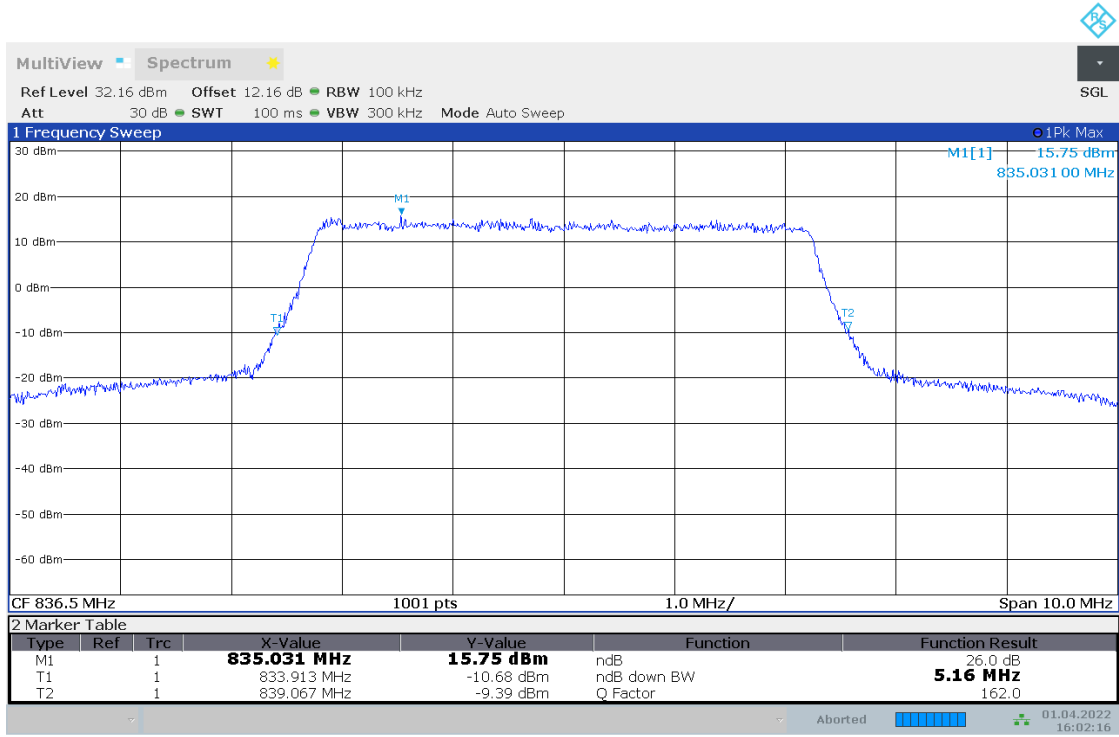


16:01:49 01.04.2022

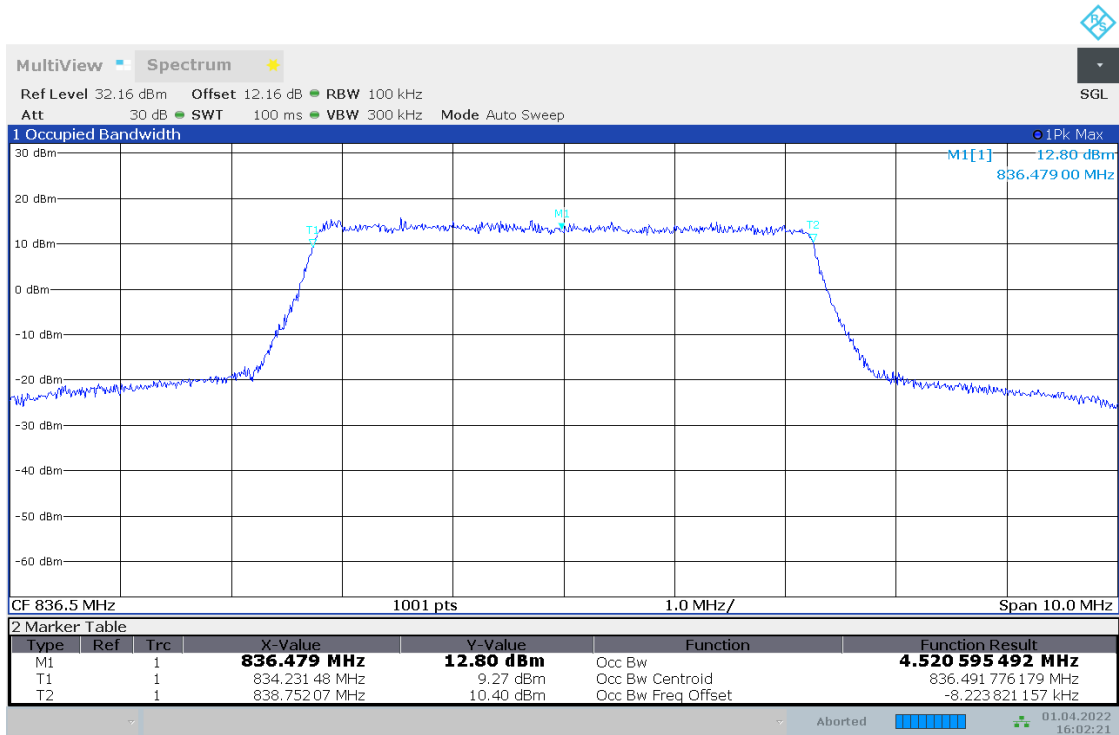


16:01:54 01.04.2022

4.2.23 TM2_5MHZ_MCH_RB25#0

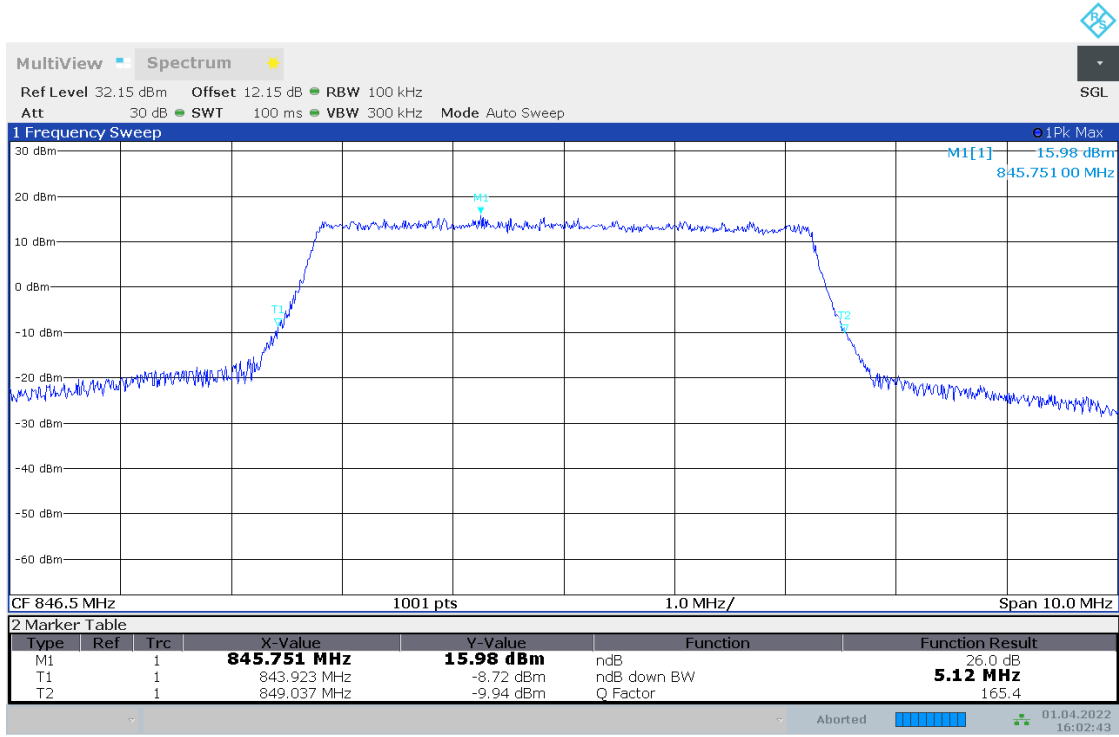


16:02:16 01.04.2022

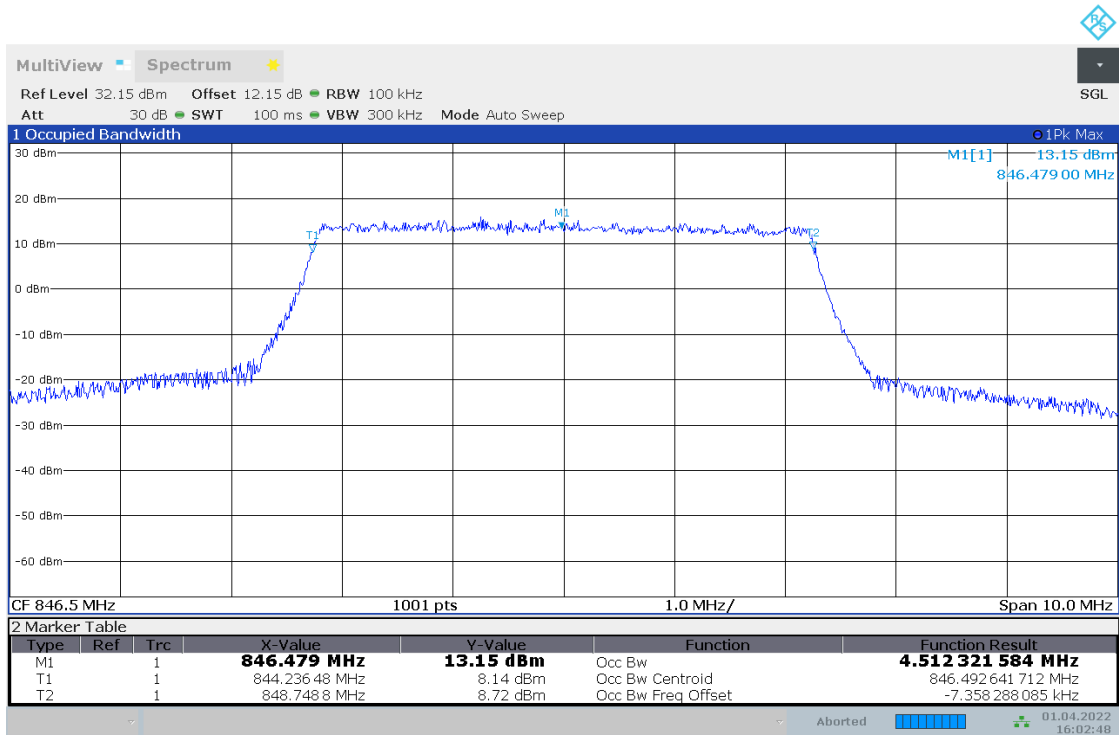


16:02:22 01.04.2022

4.2.24 TM2_5MHZ_HCH_RB25#0

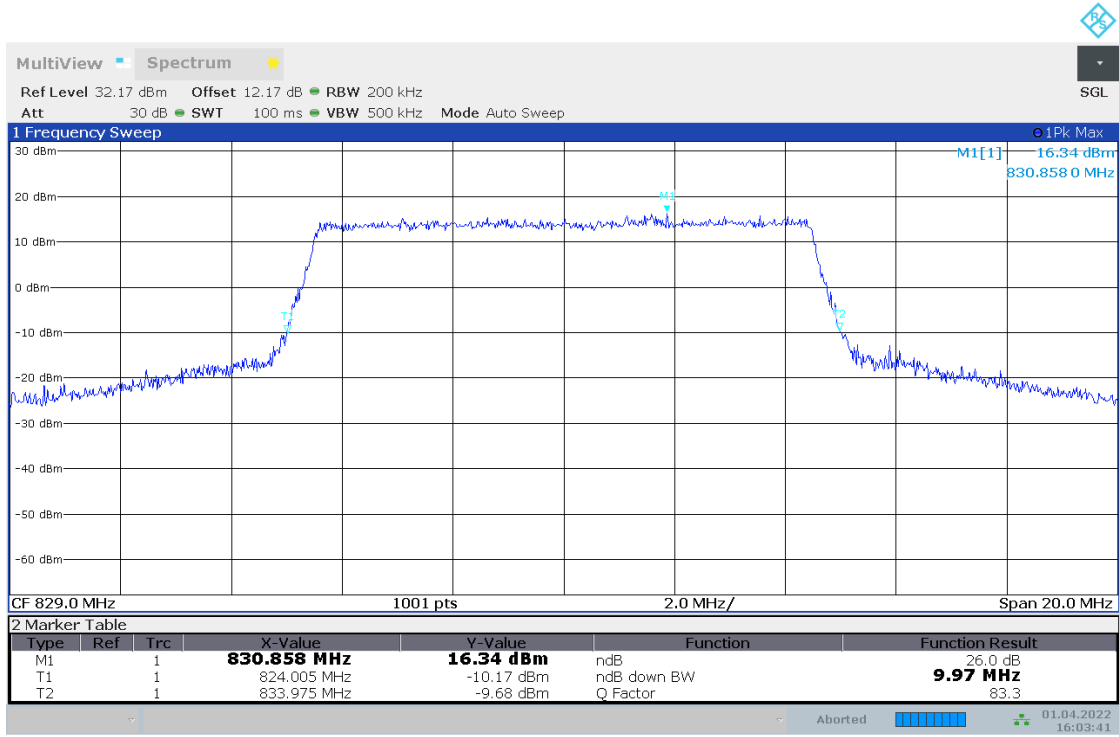


16:02:44 01.04.2022

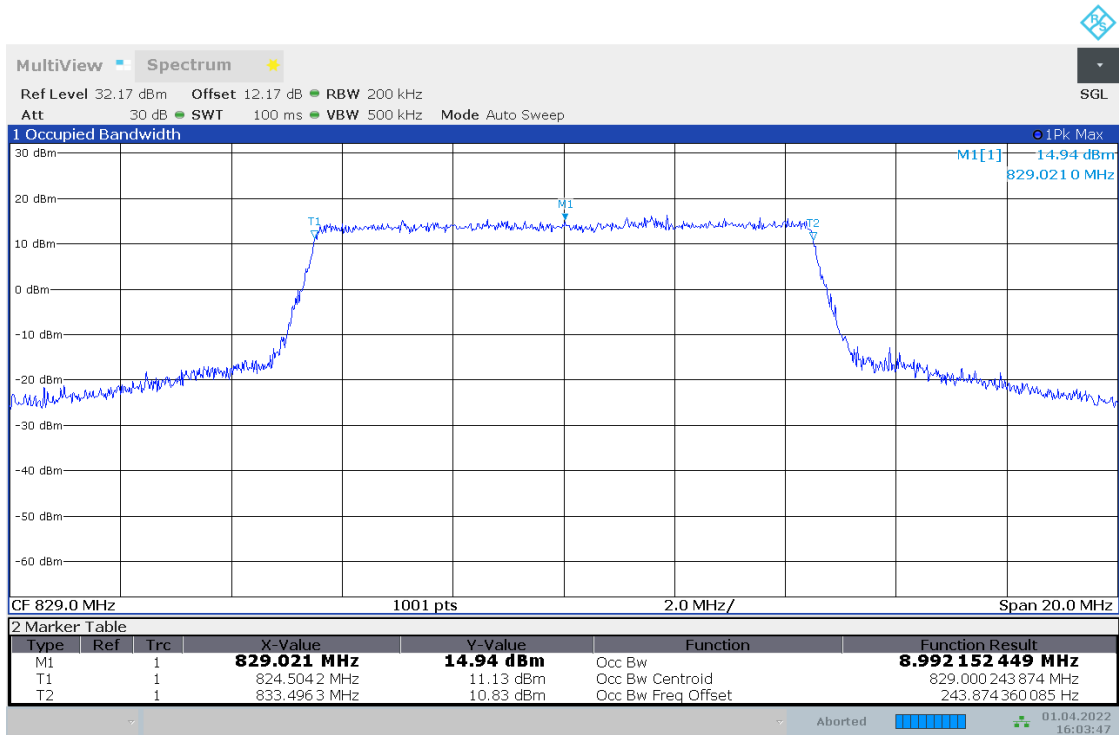


16:02:49 01.04.2022

4.2.25 TM2_10MHZ_LCH_RB50#0

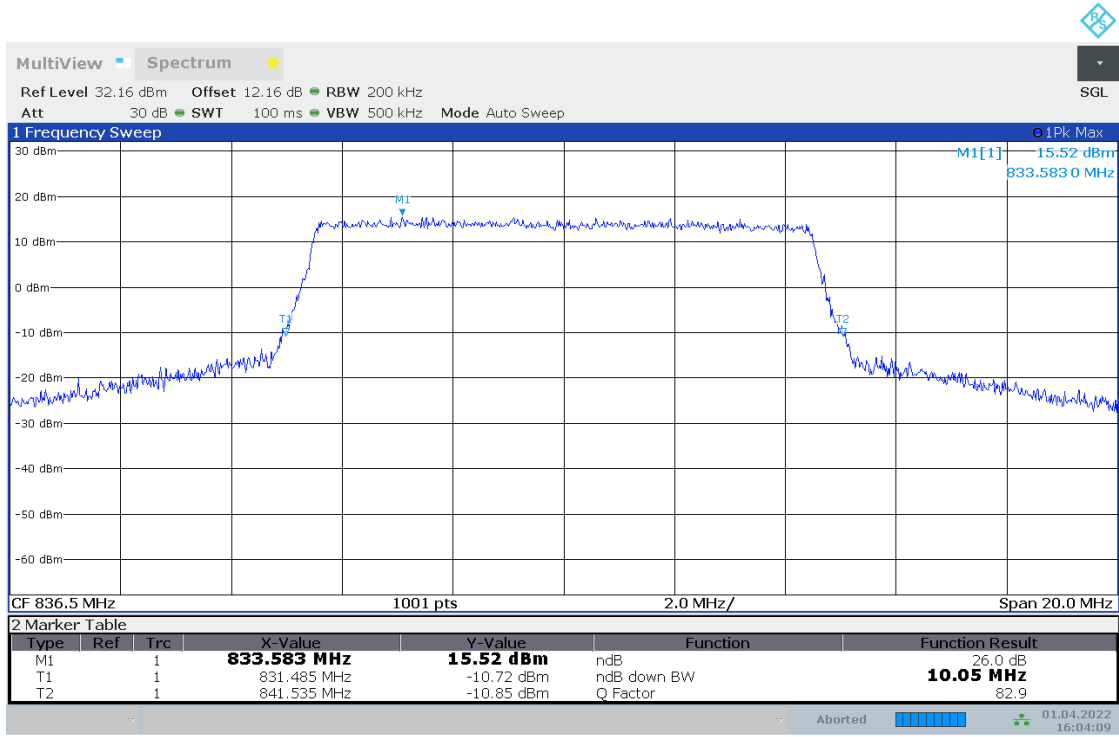


16:03:42 01.04.2022

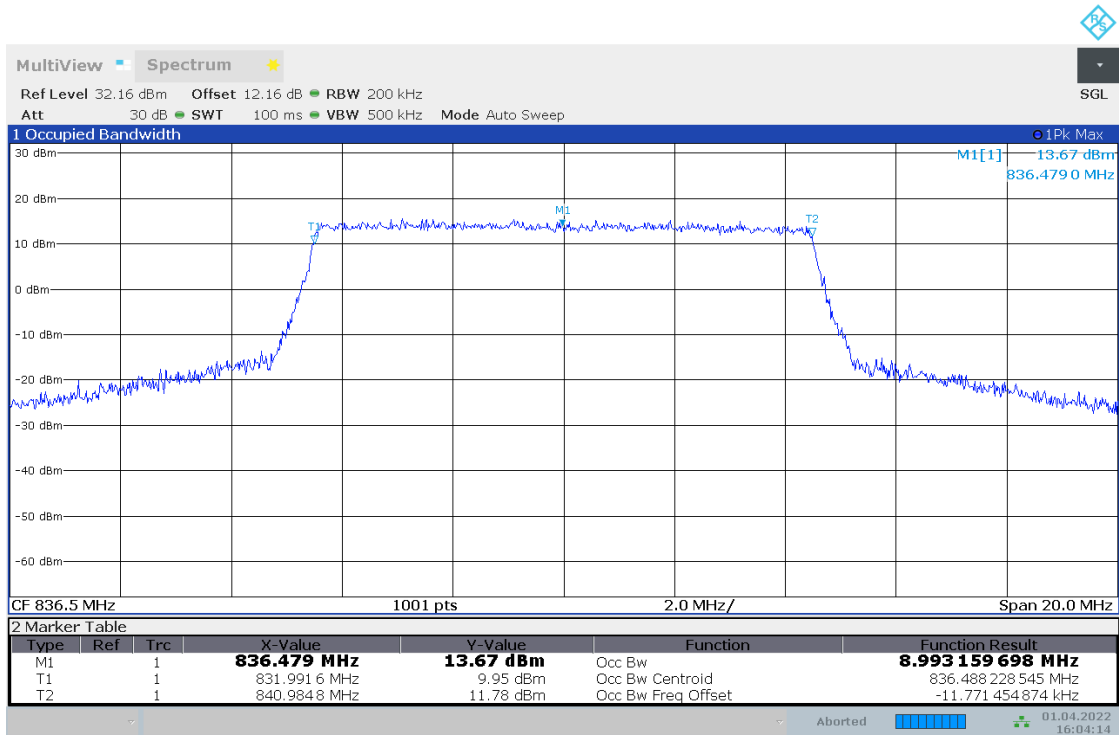


16:03:47 01.04.2022

4.2.26 TM2_10MHZ_MCH_RB50#0

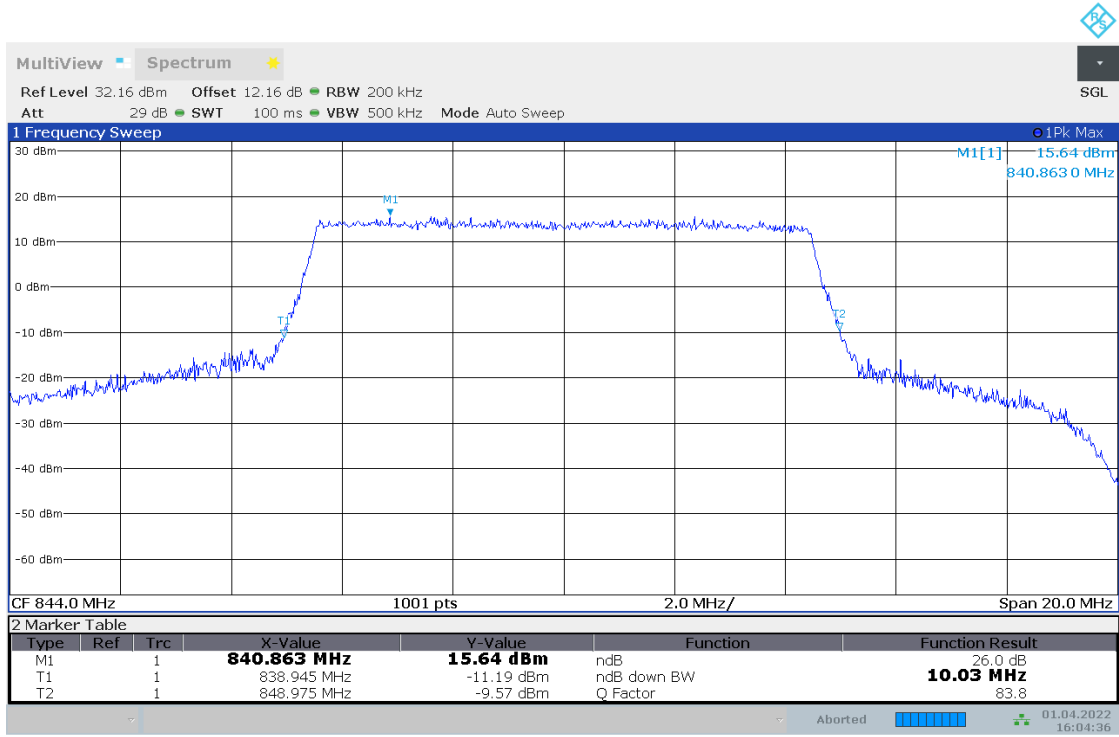


16:04:09 01.04.2022

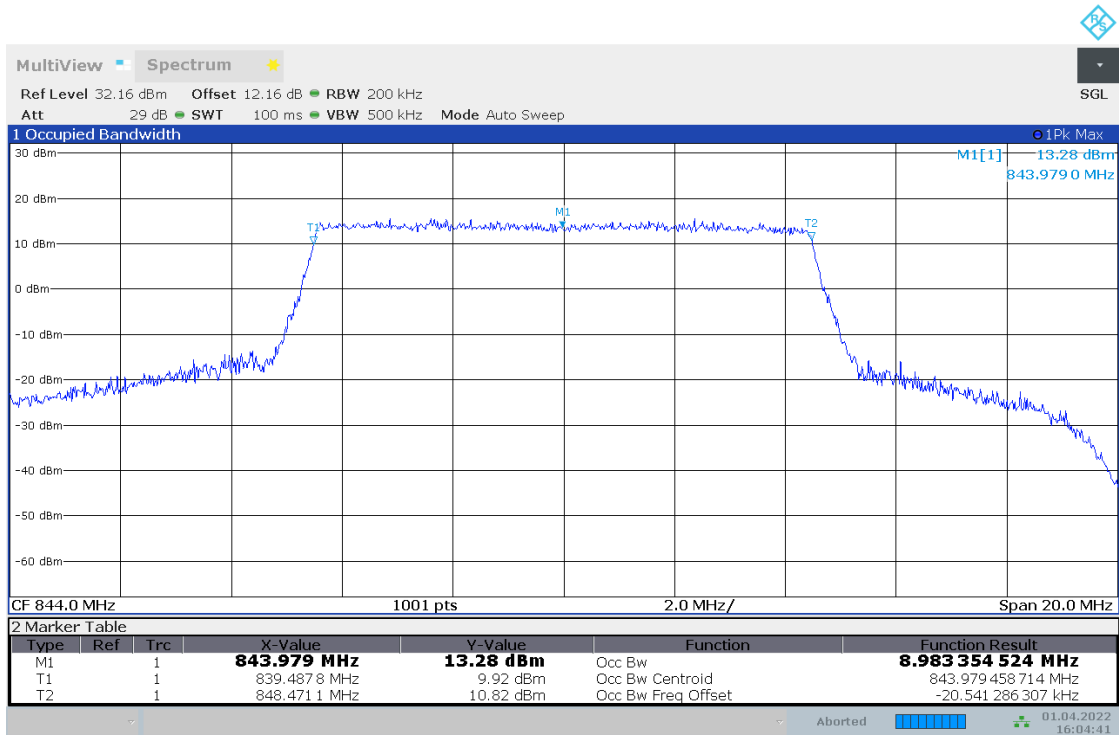


16:04:14 01.04.2022

4.2.27 TM2_10MHZ_HCH_RB50#0

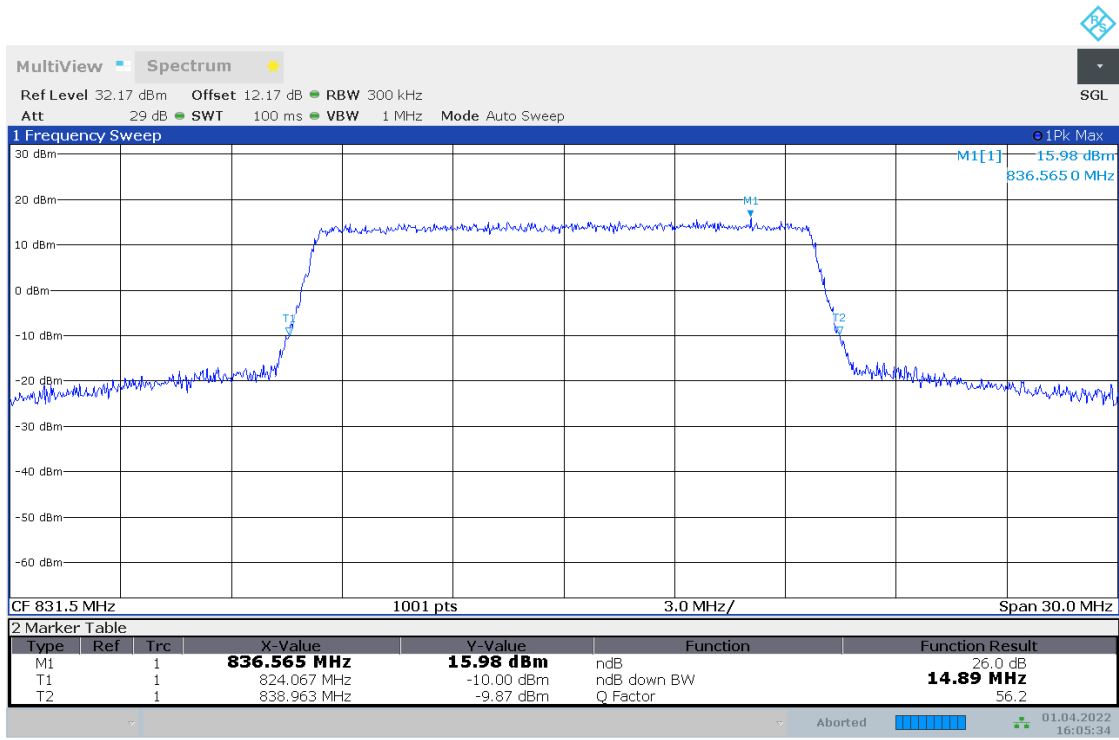


16:04:36 01.04.2022

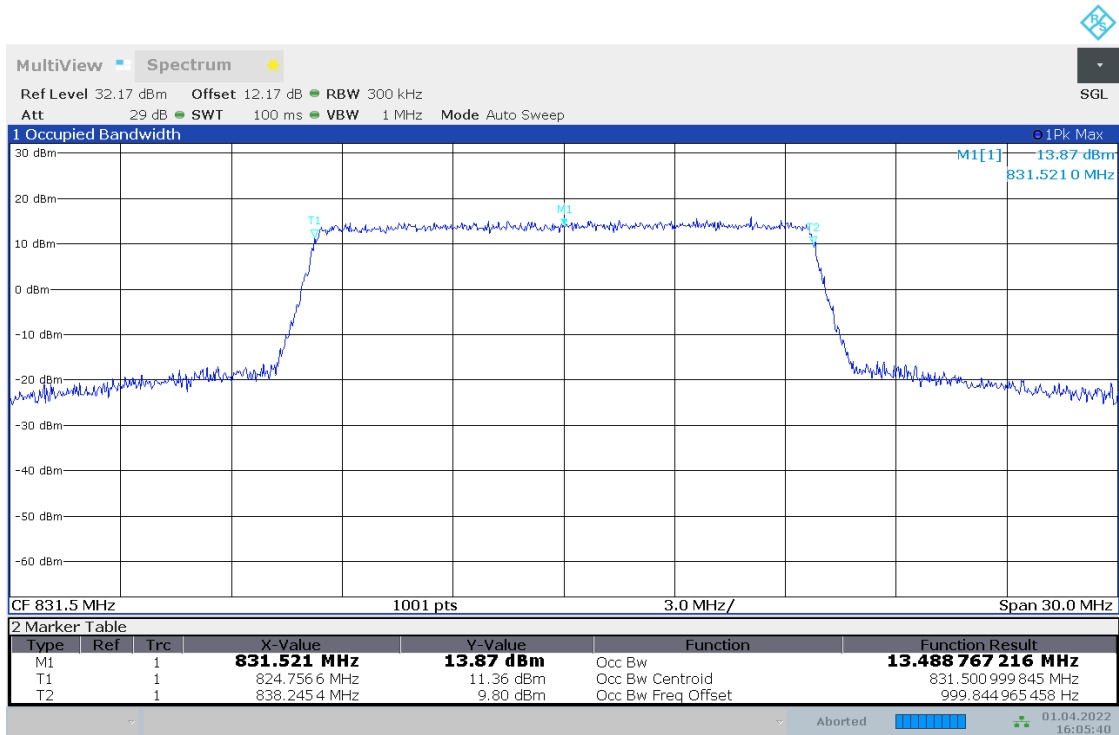


16:04:41 01.04.2022

4.2.28 TM2_15MHZ_LCH_RB75#0

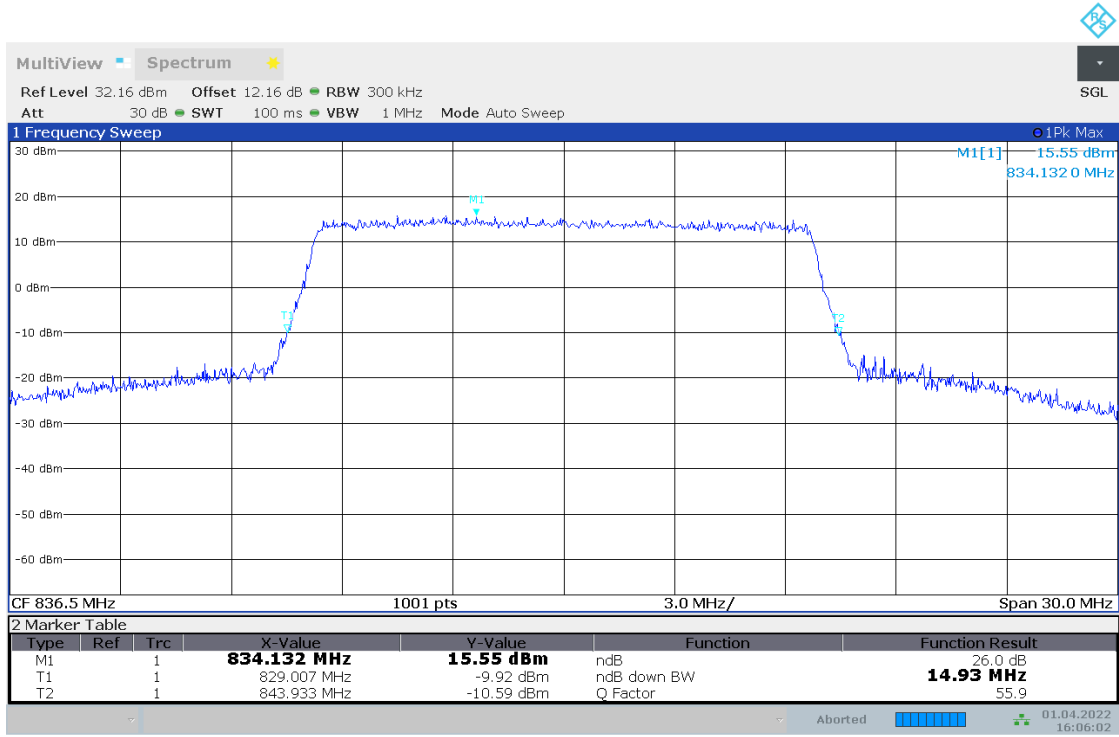


16:05:35 01.04.2022

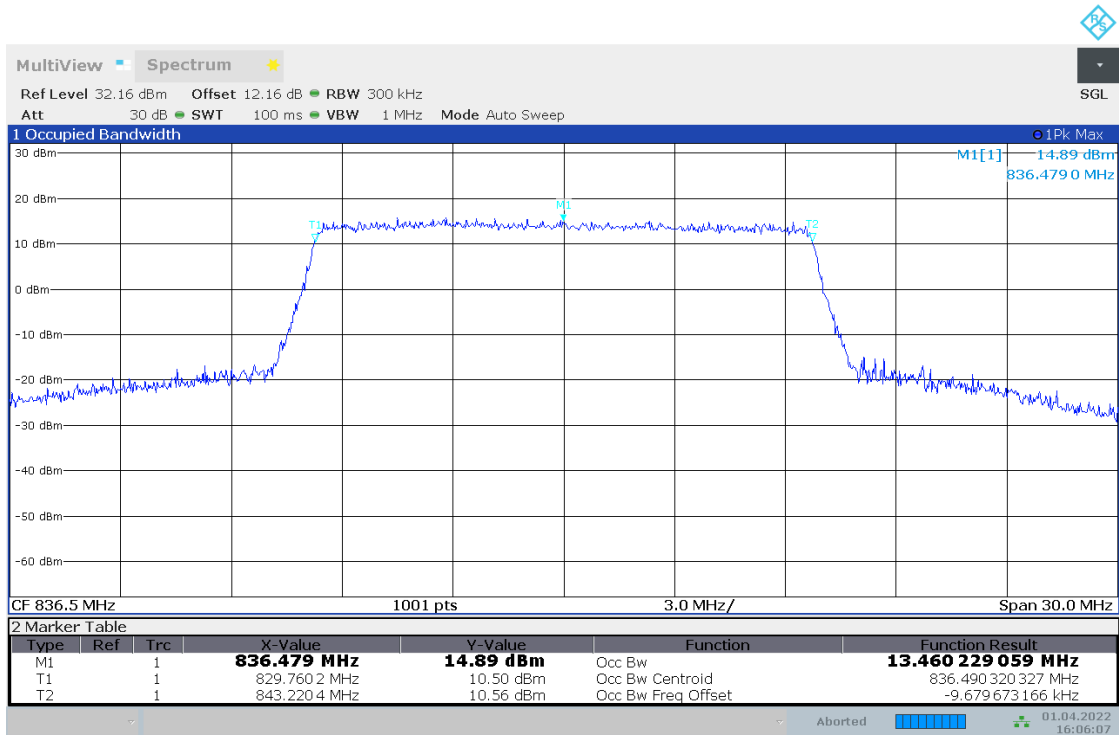


16:05:40 01.04.2022

4.2.29 TM2_15MHZ_MCH_RB75#0

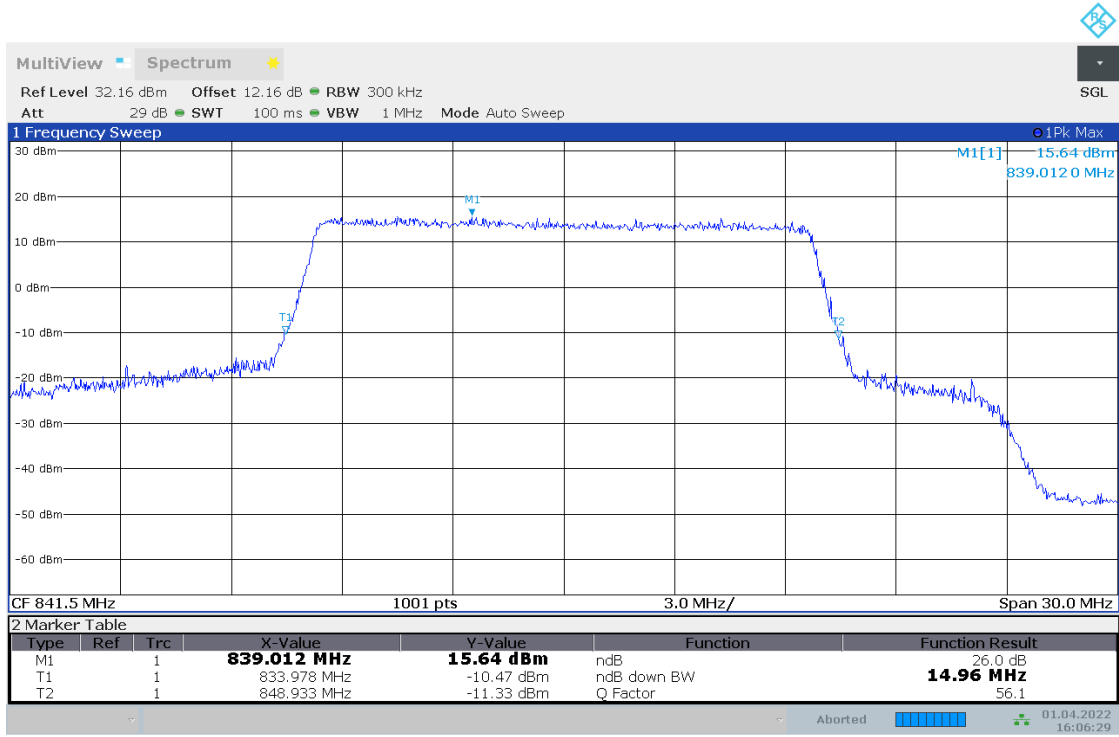


16:06:02 01.04.2022

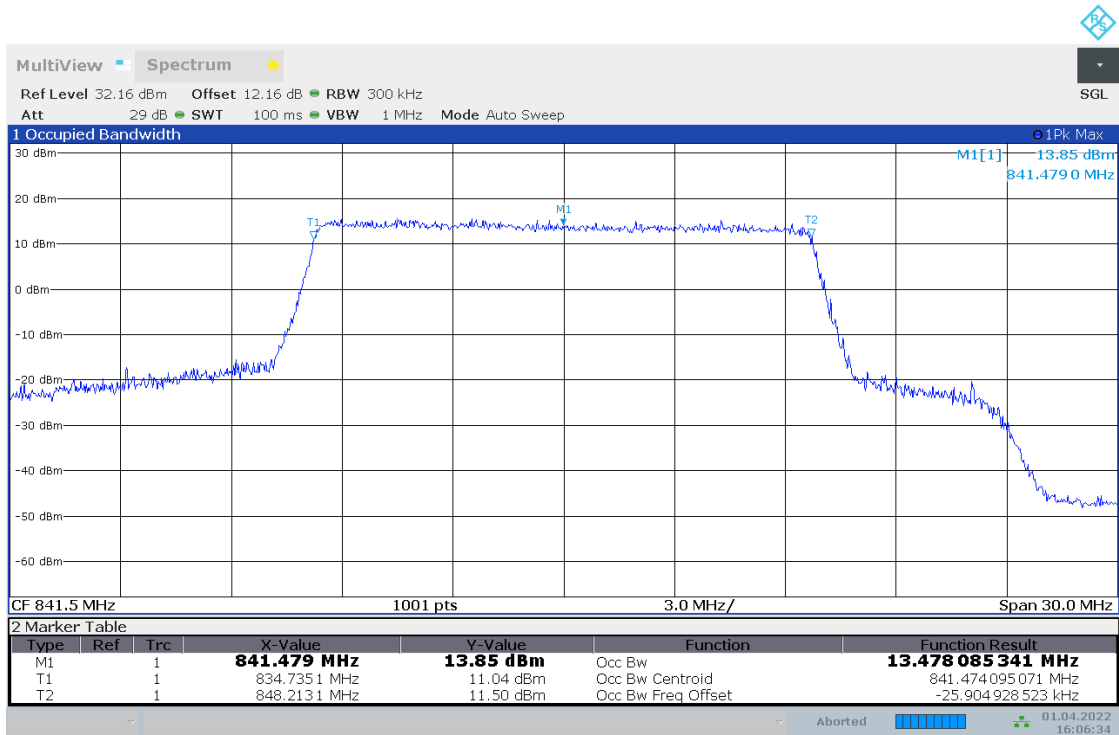


16:06:07 01.04.2022

4.2.30 TM2_15MHZ_HCH_RB75#0

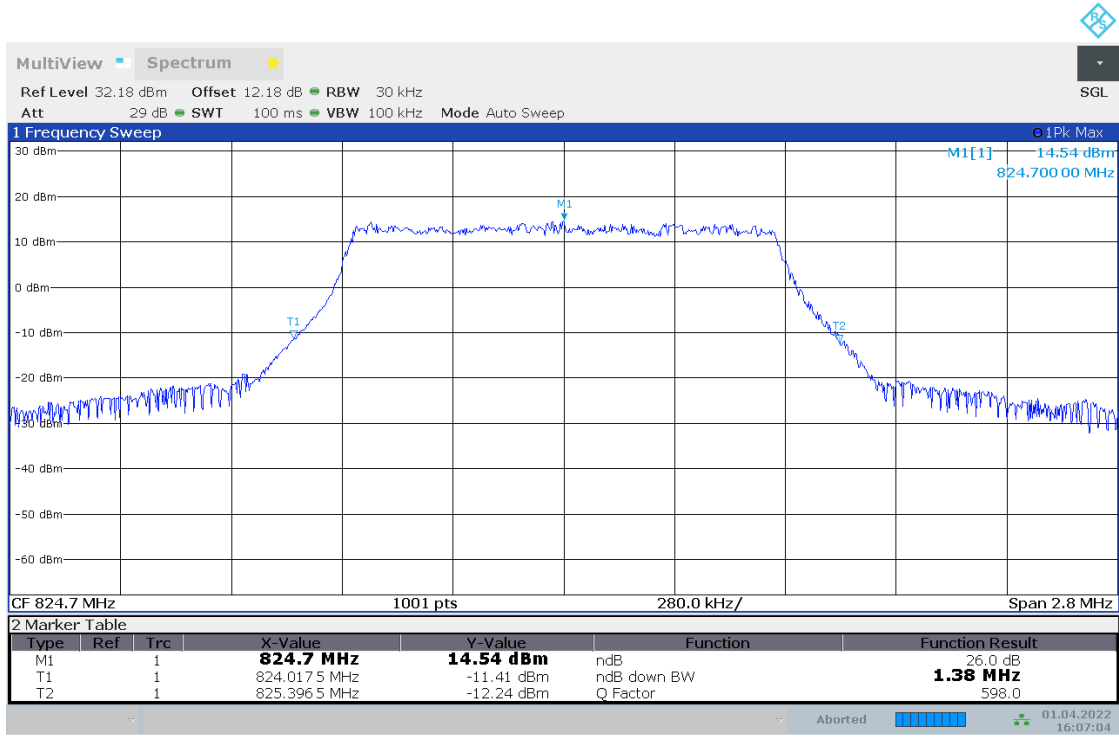


16:06:29 01.04.2022

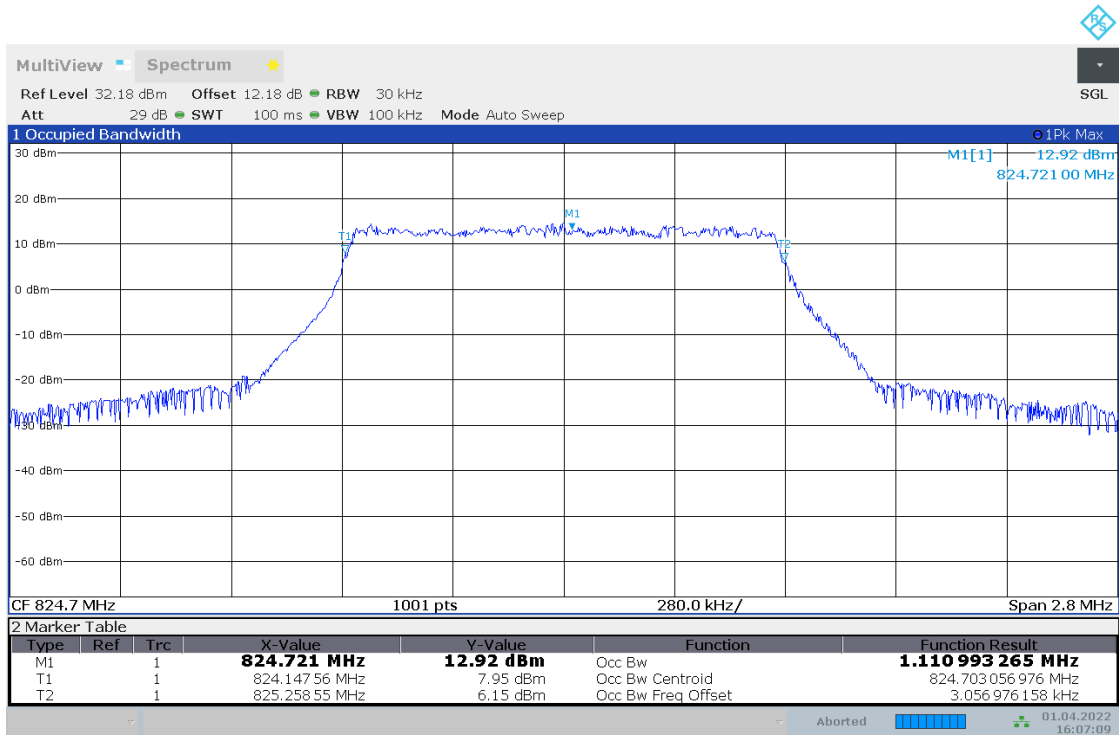


16:06:34 01.04.2022

4.2.31 TM3_1.4MHZ_LCH_RB6#0

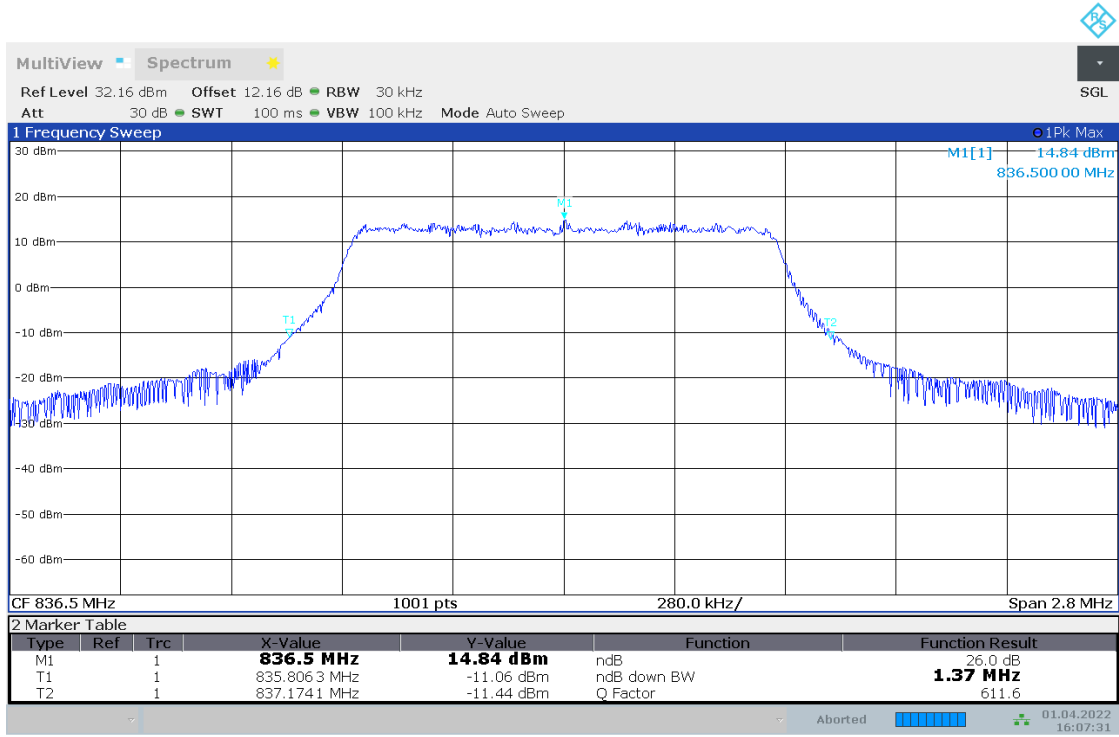


16:07:04 01.04.2022

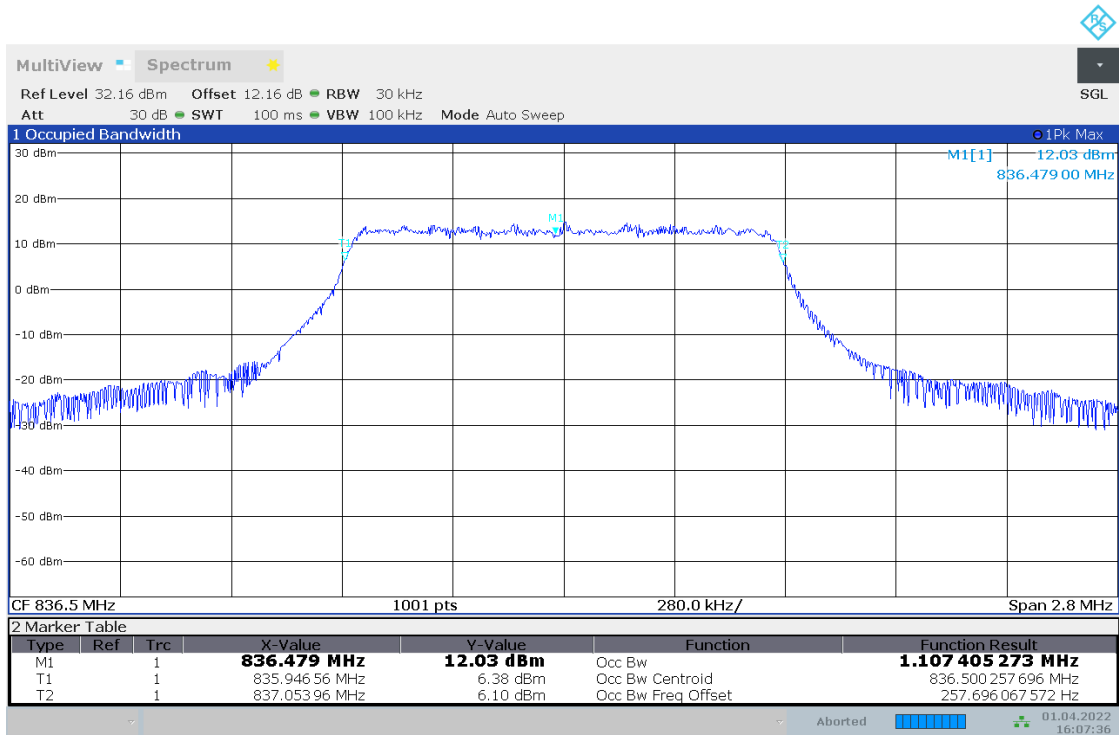


16:07:09 01.04.2022

4.2.32 TM3_1.4MHZ_MCH_RB6#0

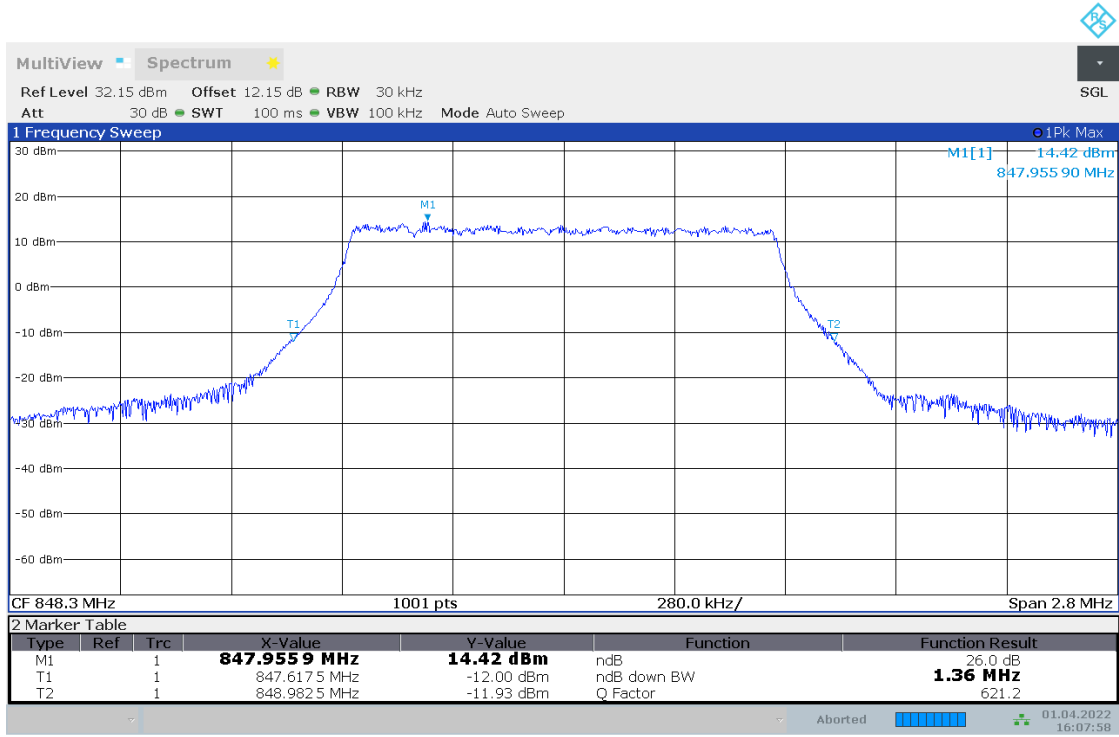


16:07:31 01.04.2022

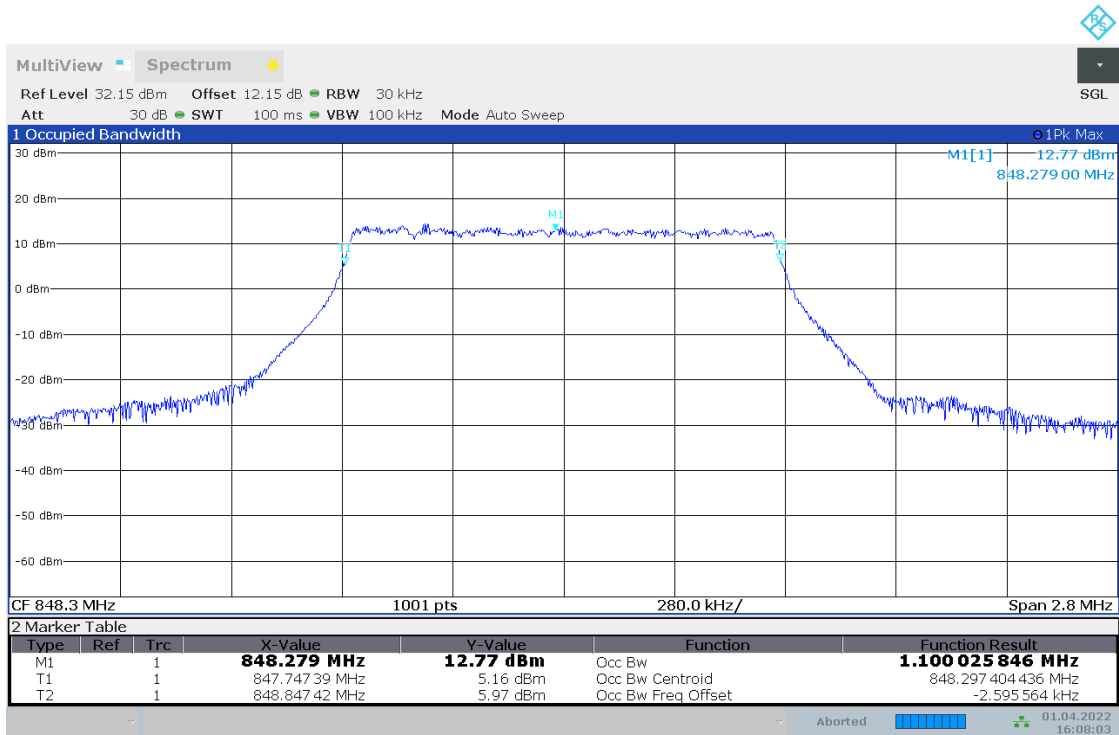


16:07:36 01.04.2022

4.2.33 TM3_1.4MHZ_HCH_RB6#0

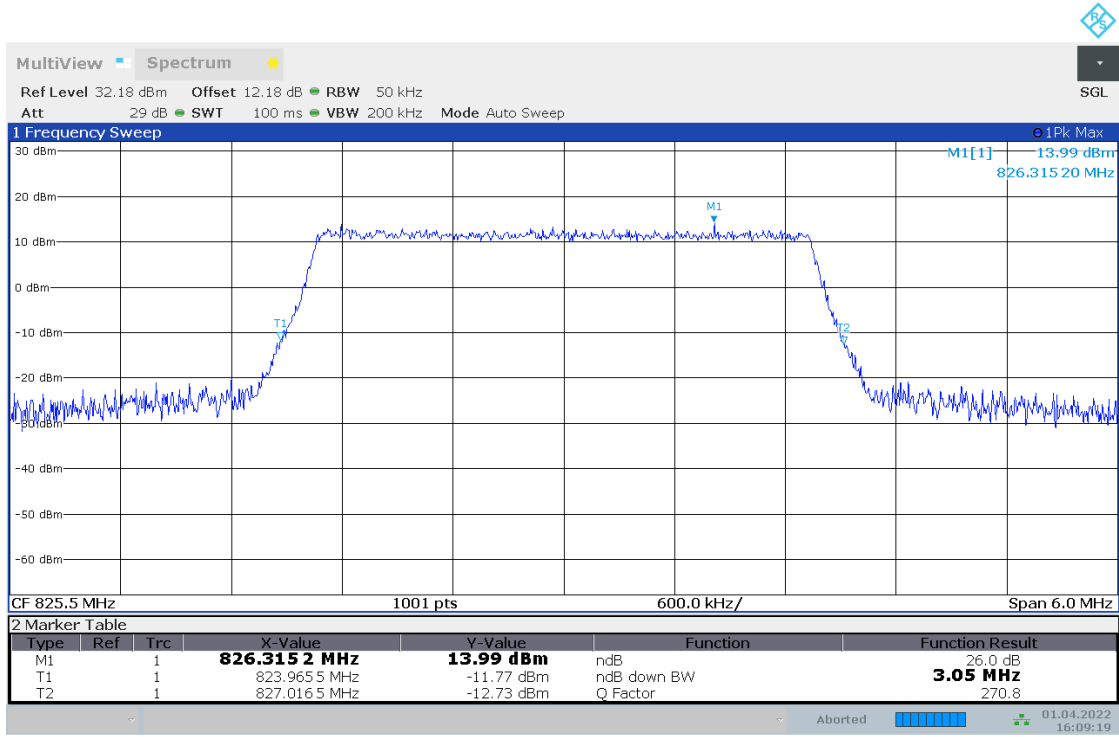


16:07:58 01.04.2022

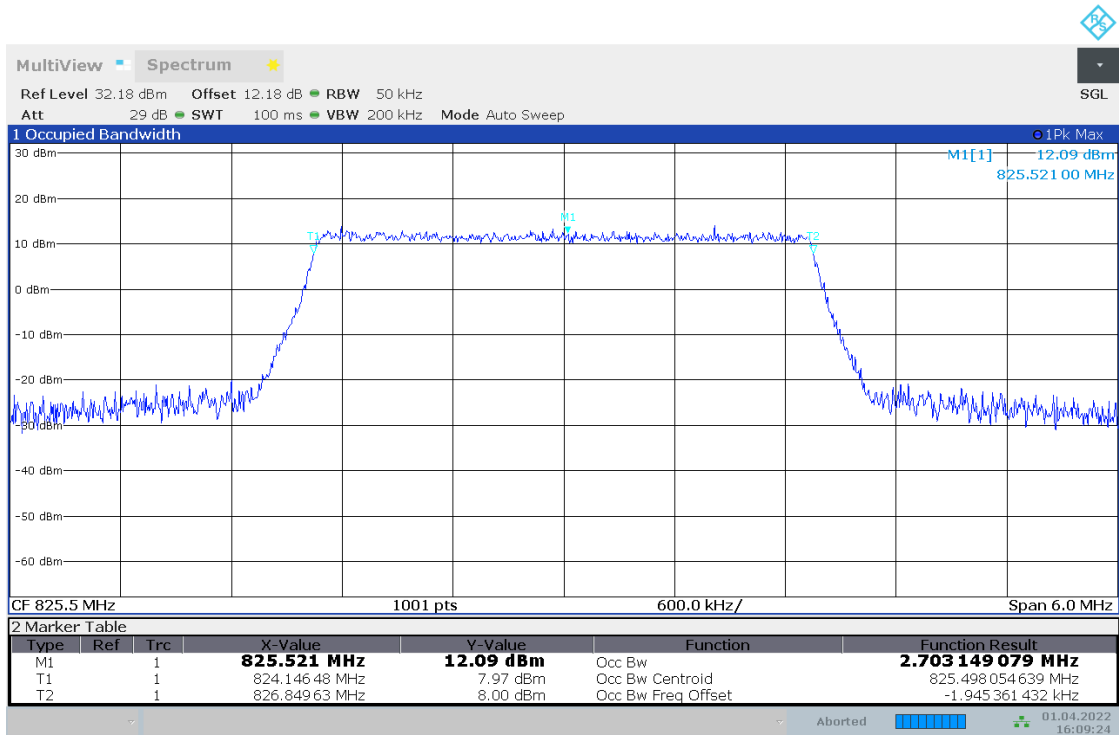


16:08:03 01.04.2022

4.2.34 TM3_3MHZ_LCH_RB15#0

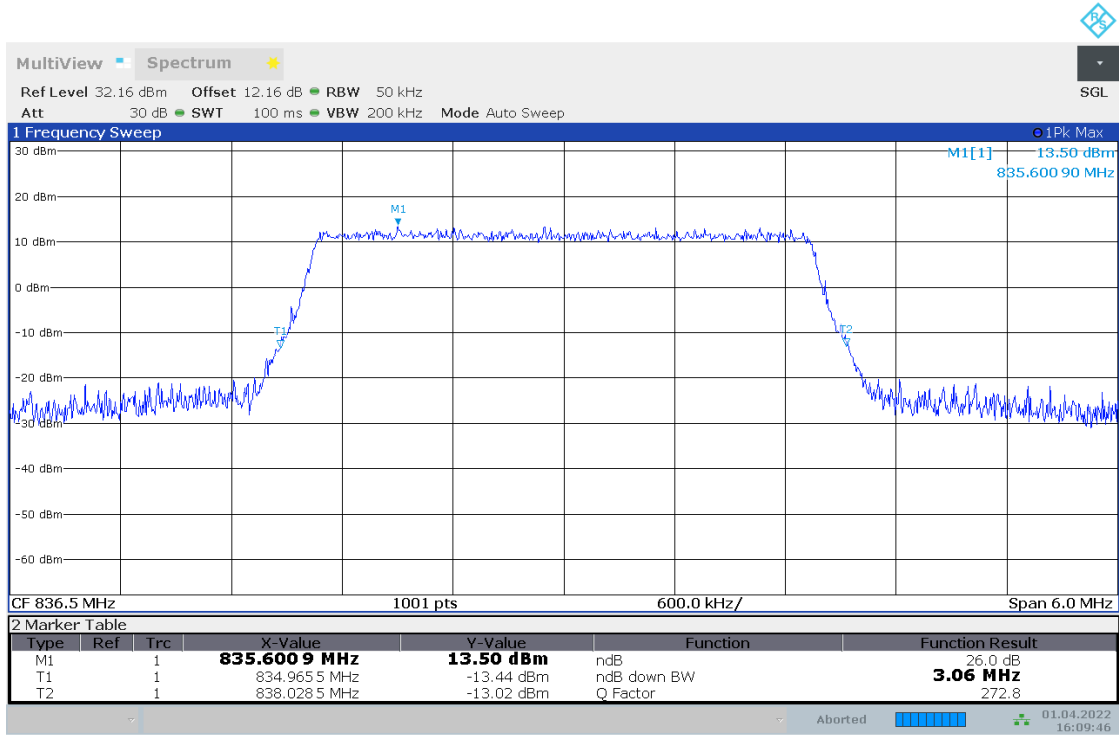


16:09:19 01.04.2022

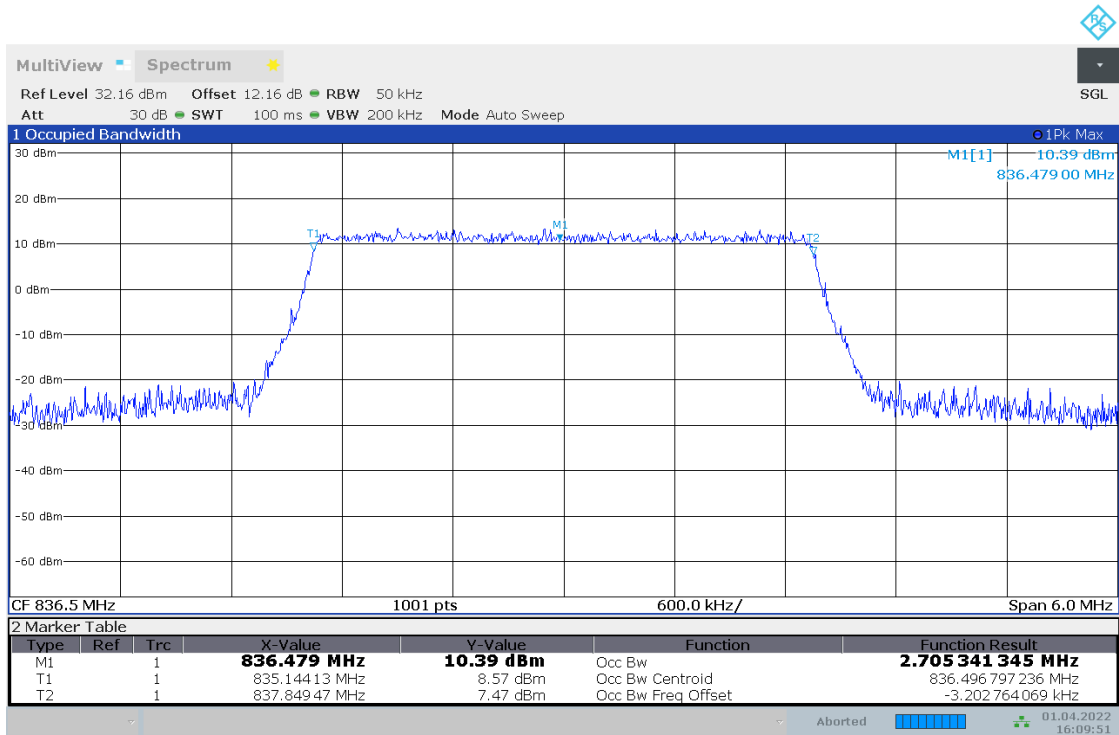


16:09:24 01.04.2022

4.2.35 TM3_3MHZ_MCH_RB15#0

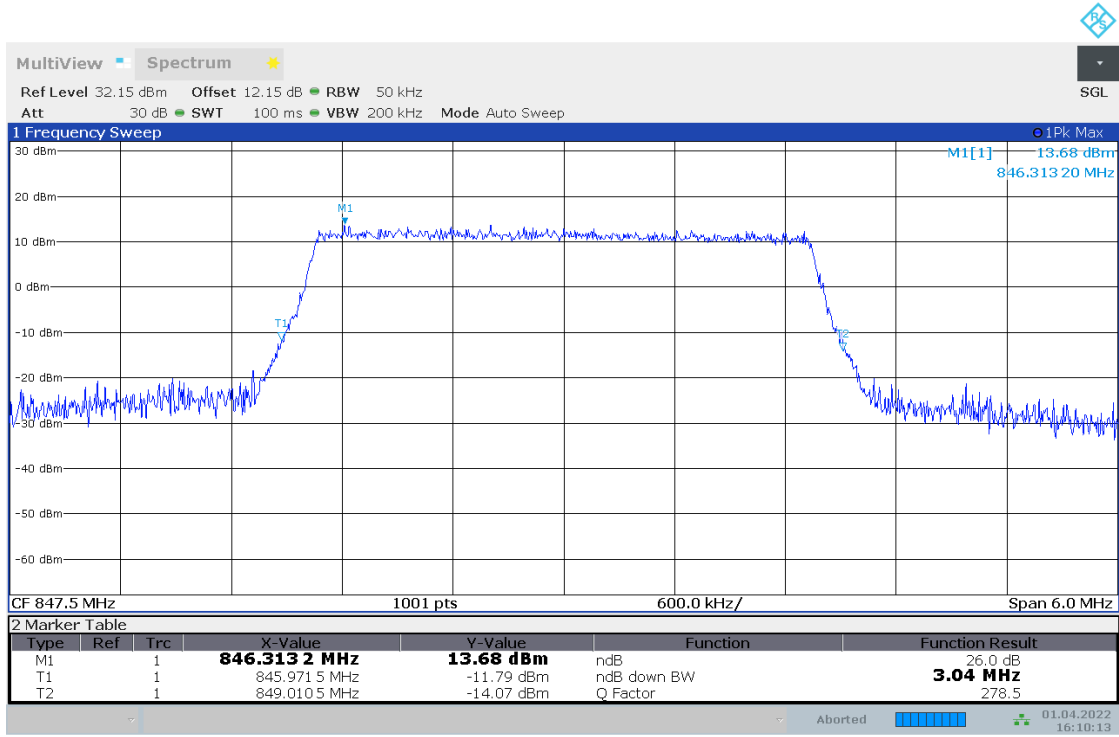


16:09:46 01.04.2022

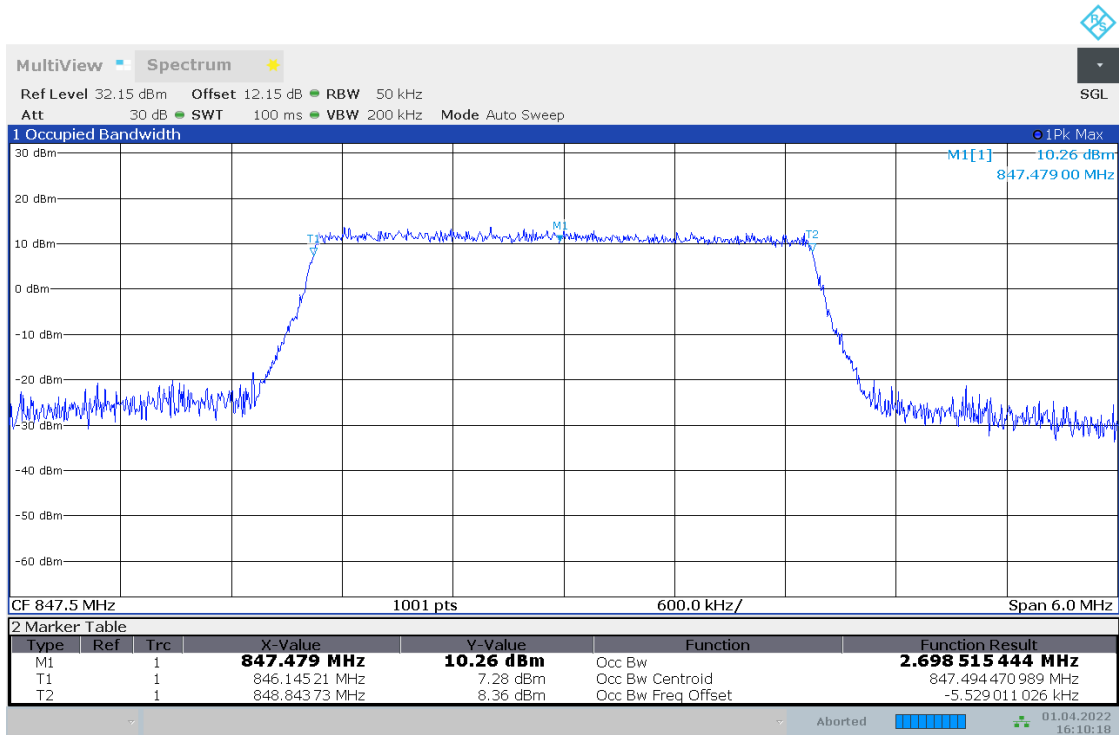


16:09:52 01.04.2022

4.2.36 TM3_3MHZ_HCH_RB15#0

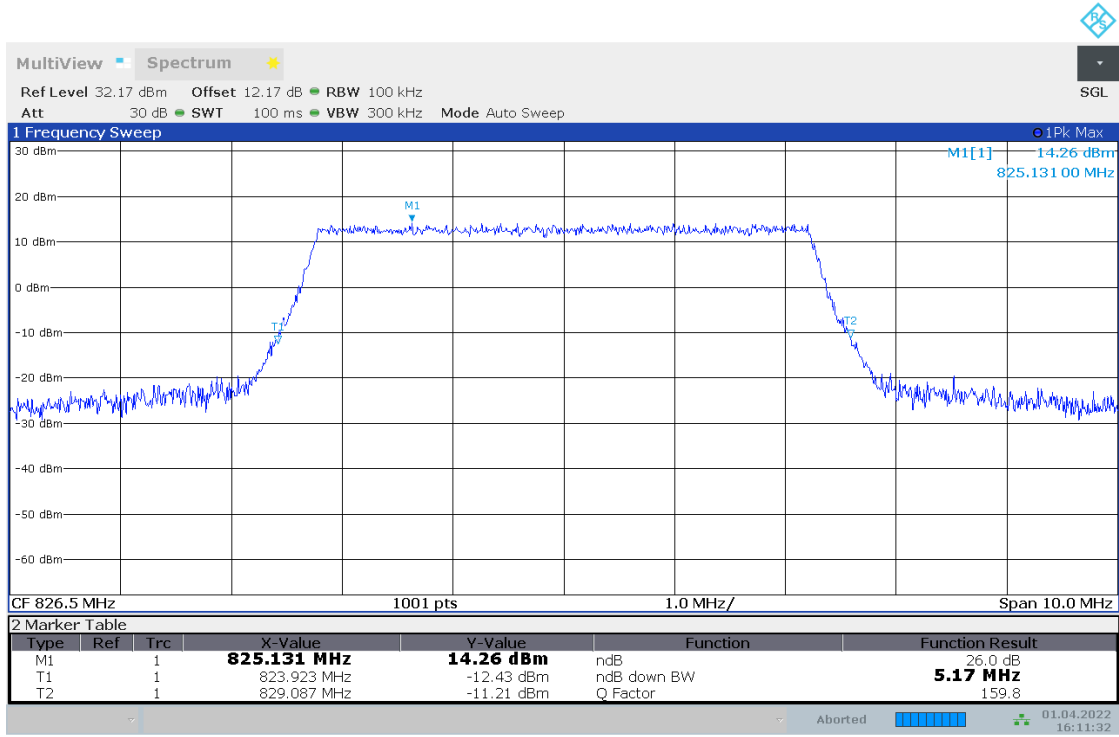


16:10:13 01.04.2022

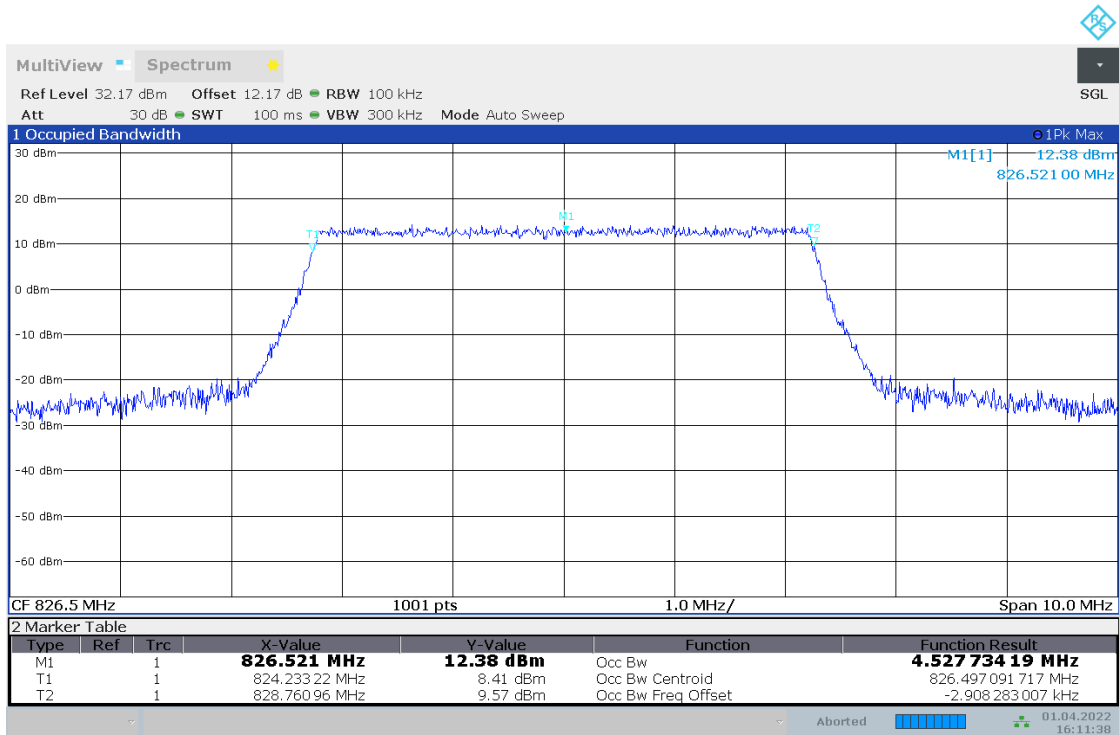


16:10:19 01.04.2022

4.2.37 TM3_5MHZ_LCH_RB25#0

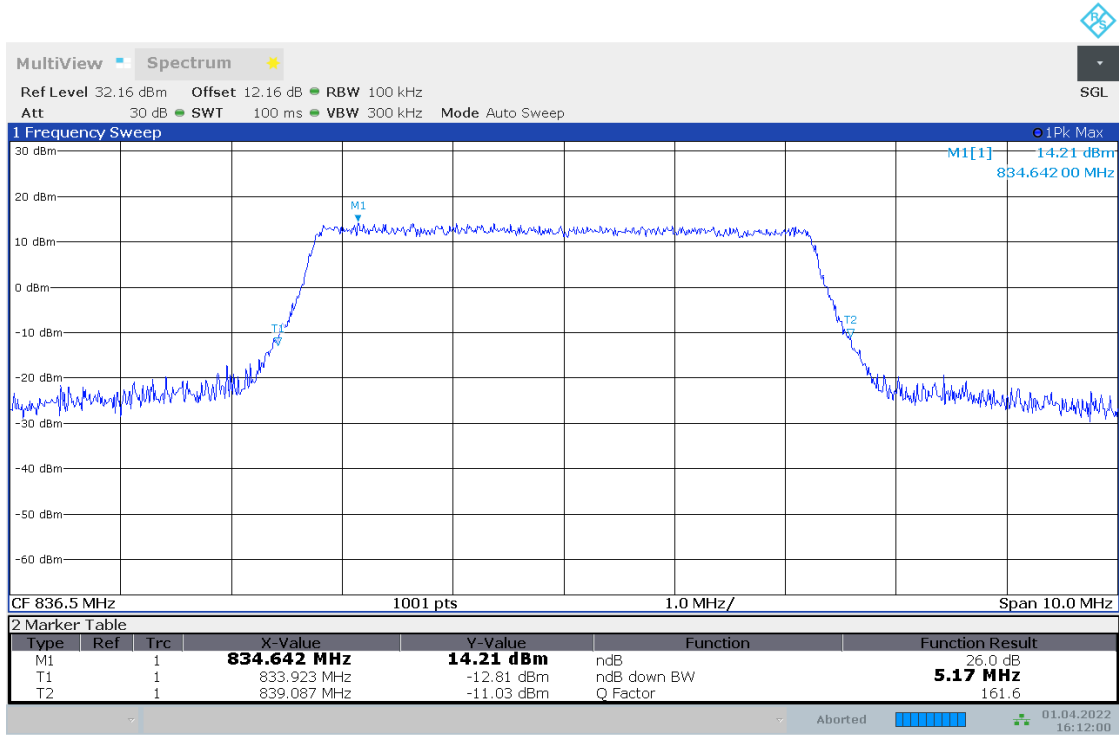


16:11:33 01.04.2022

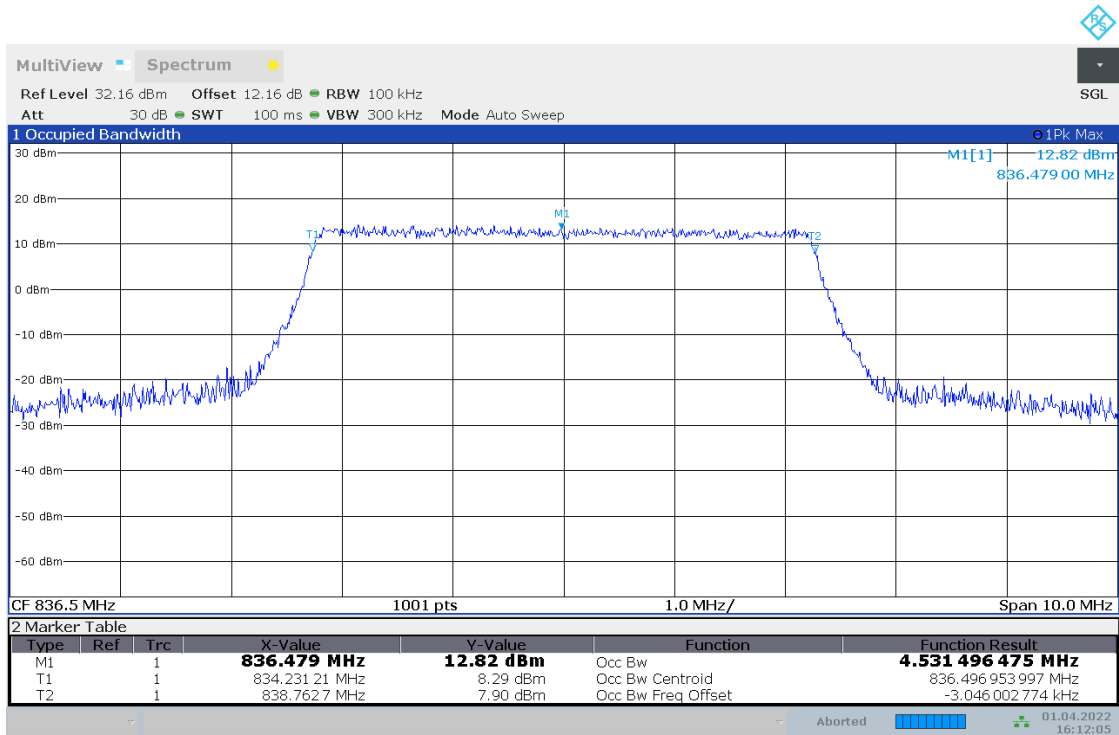


16:11:38 01.04.2022

4.2.38 TM3_5MHZ_MCH_RB25#0

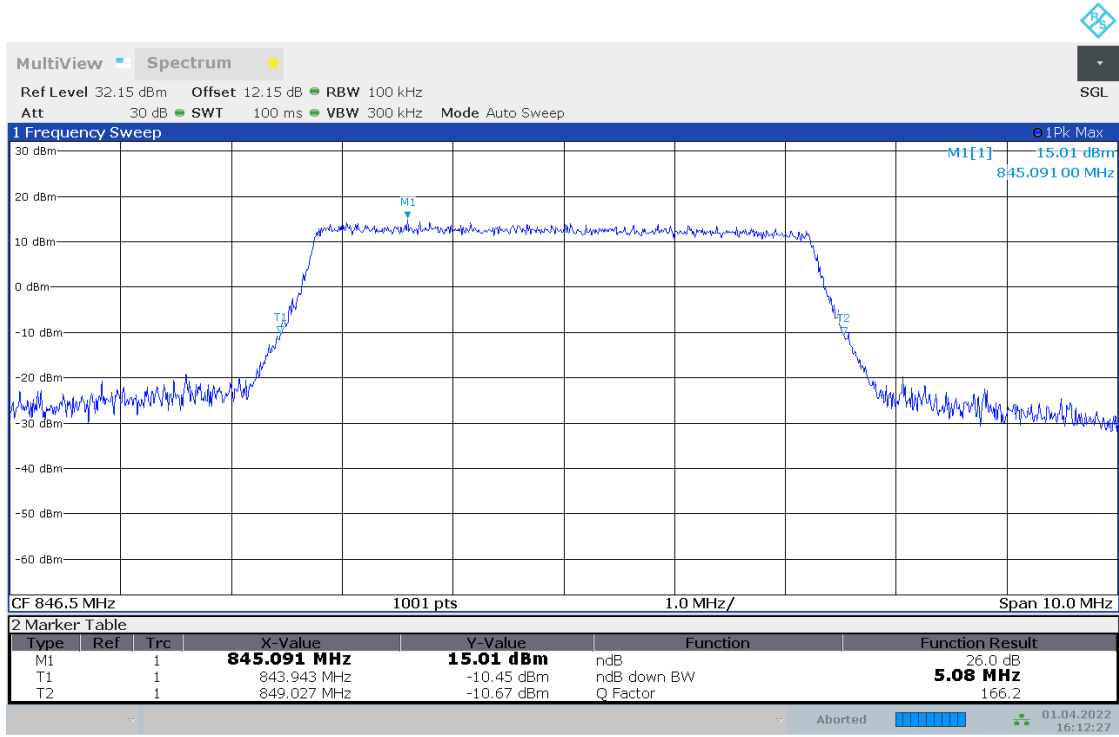


16:12:00 01.04.2022

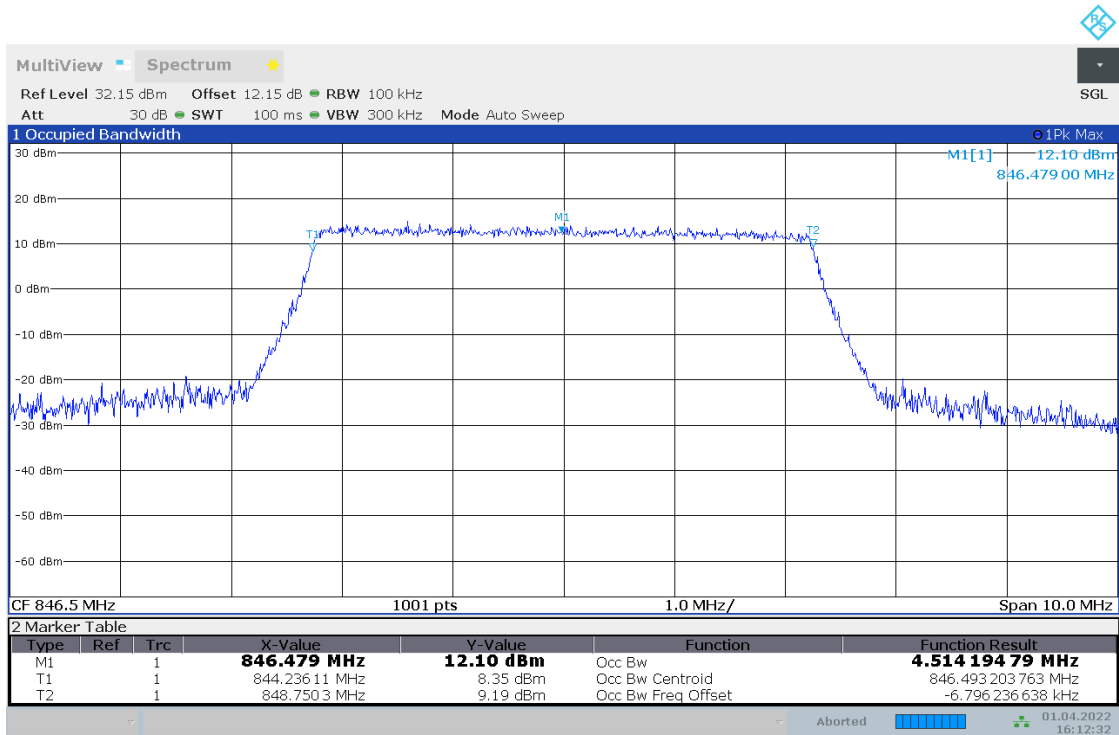


16:12:05 01.04.2022

4.2.39 TM3_5MHZ_HCH_RB25#0

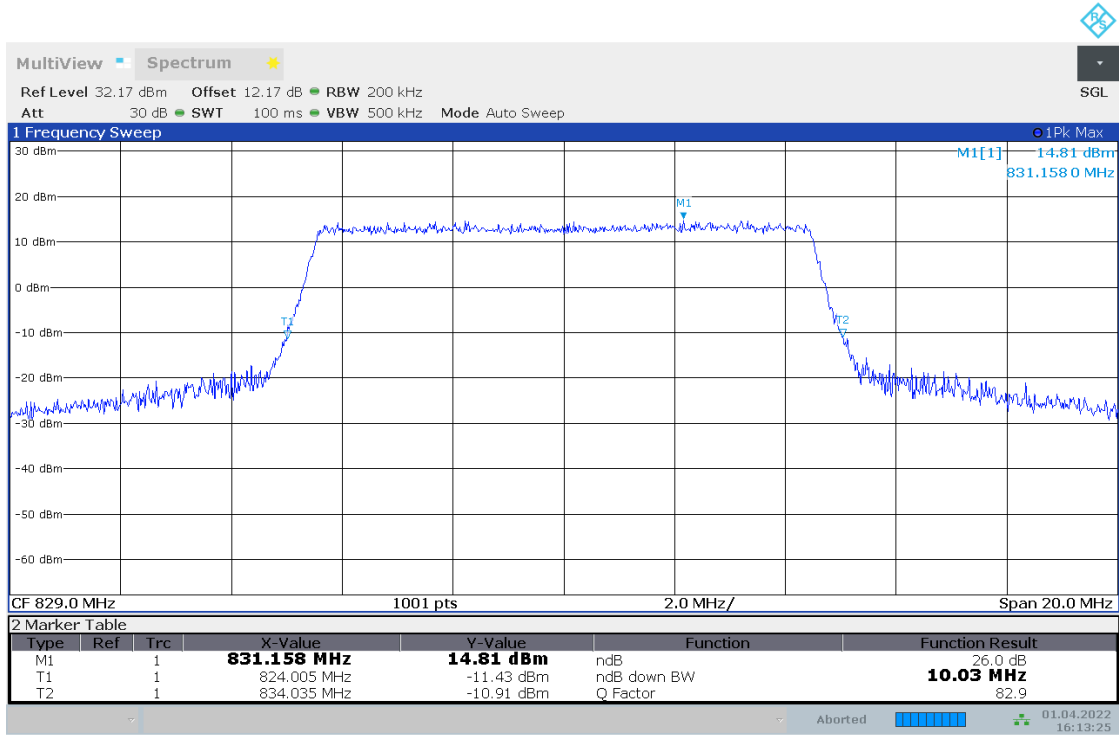


16:12:27 01.04.2022

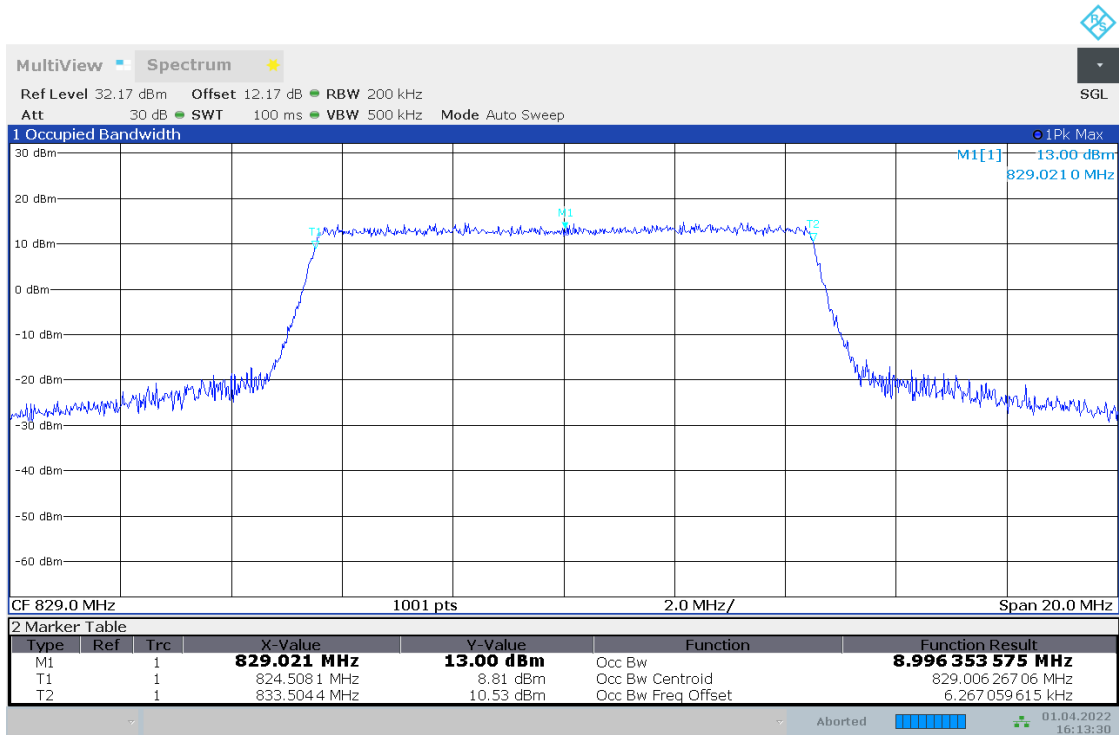


16:12:33 01.04.2022

4.2.40 TM3_10MHZ_LCH_RB50#0

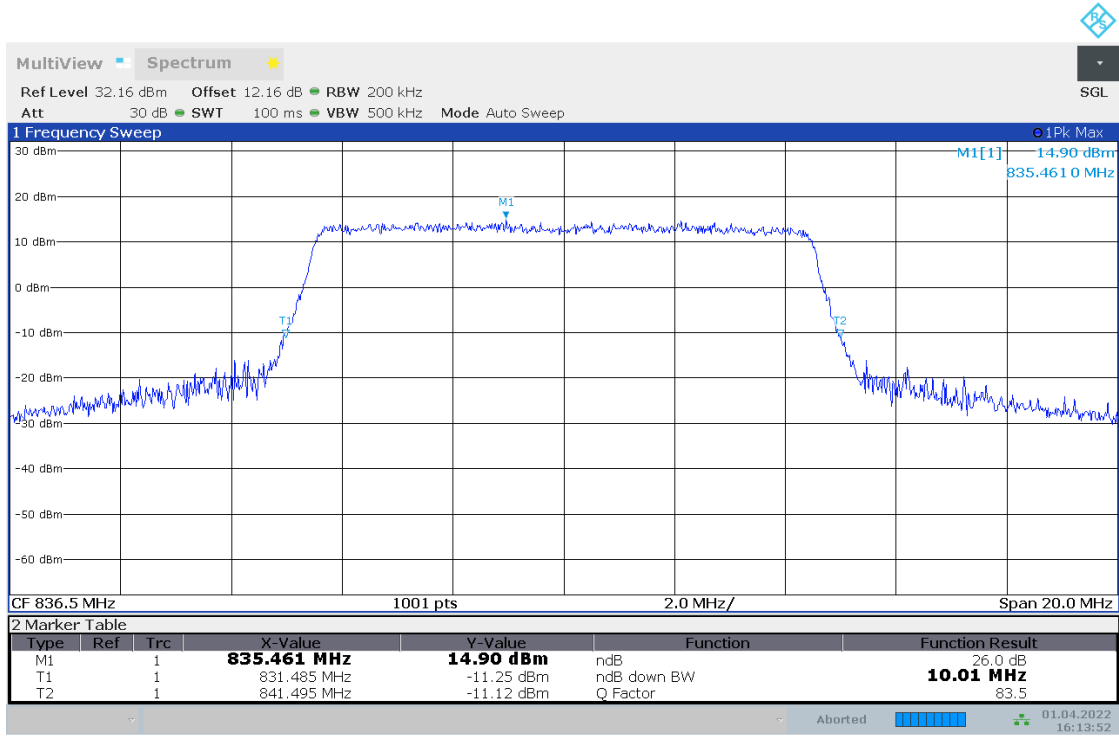


16:13:26 01.04.2022

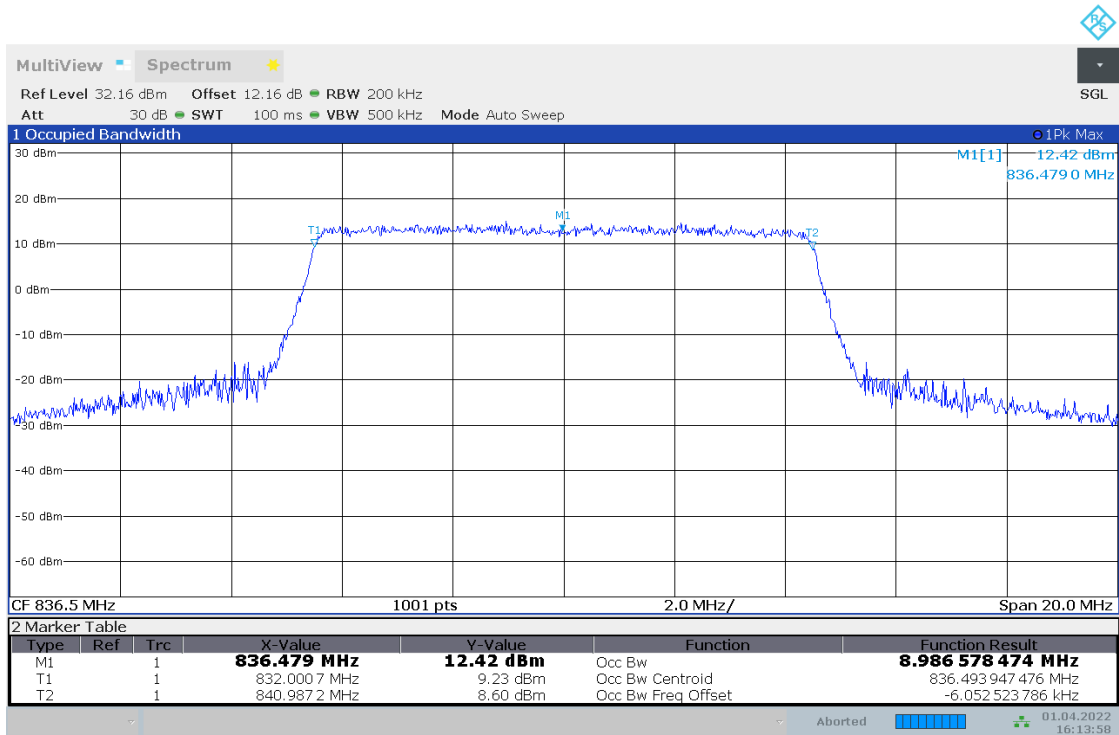


16:13:31 01.04.2022

4.2.41 TM3_10MHZ_MCH_RB50#0

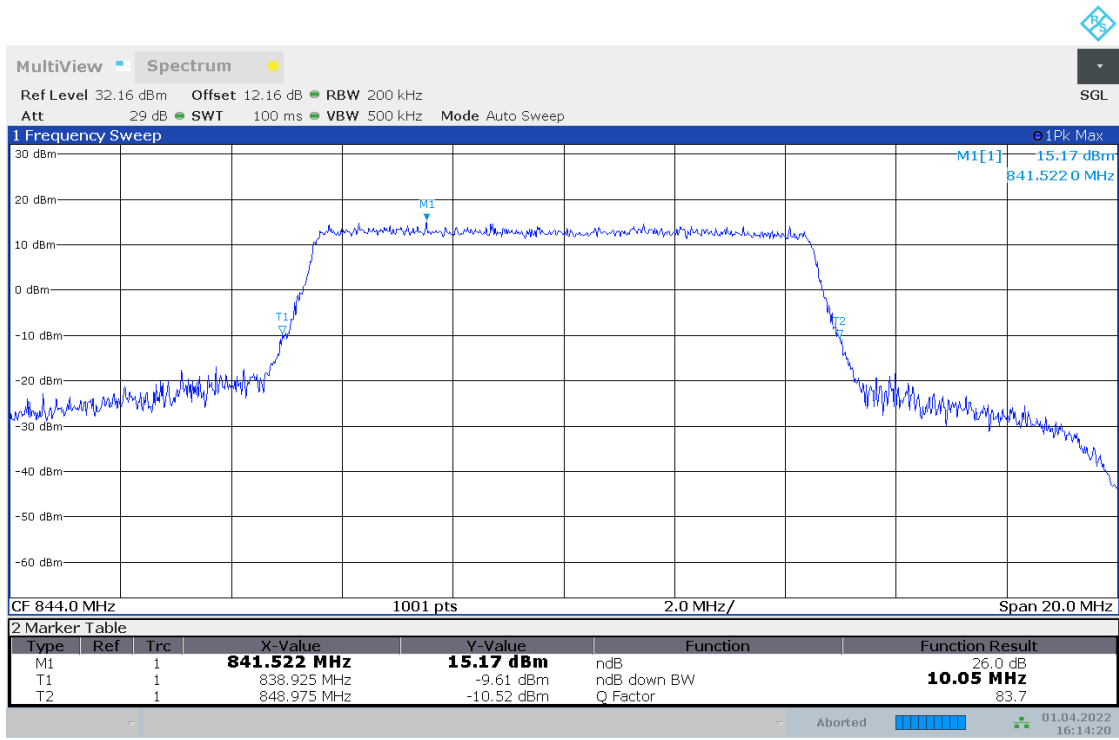


16:13:53 01.04.2022

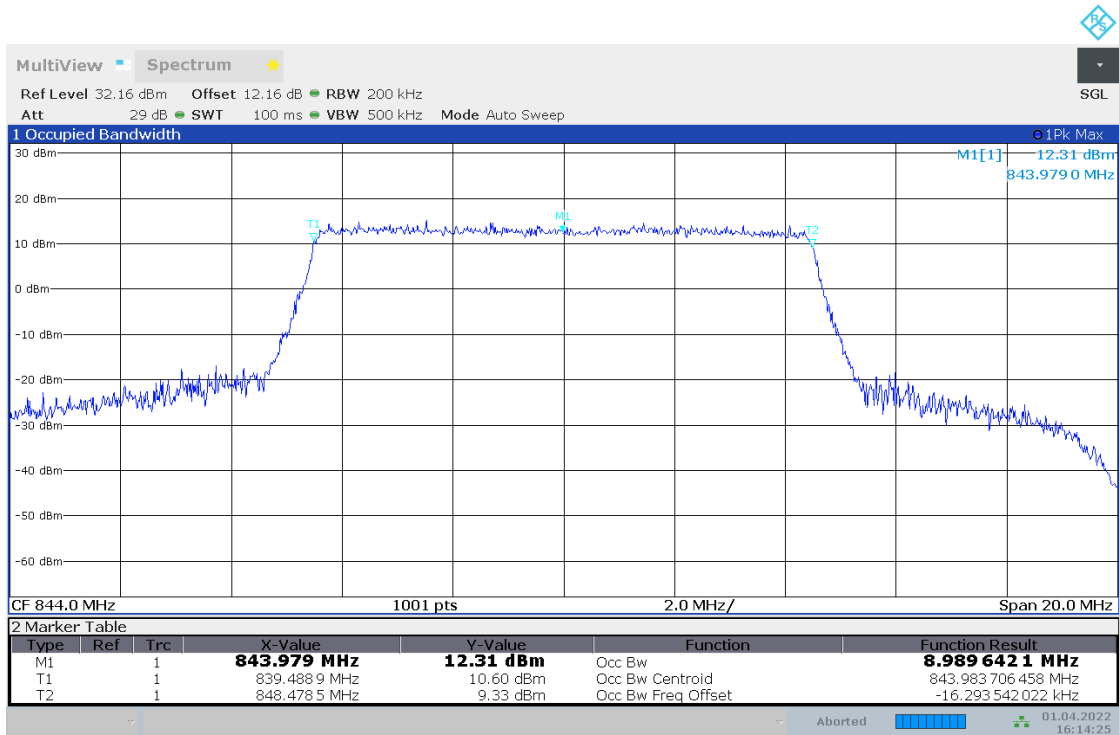


16:13:58 01.04.2022

4.2.42 TM3_10MHZ_HCH_RB50#0

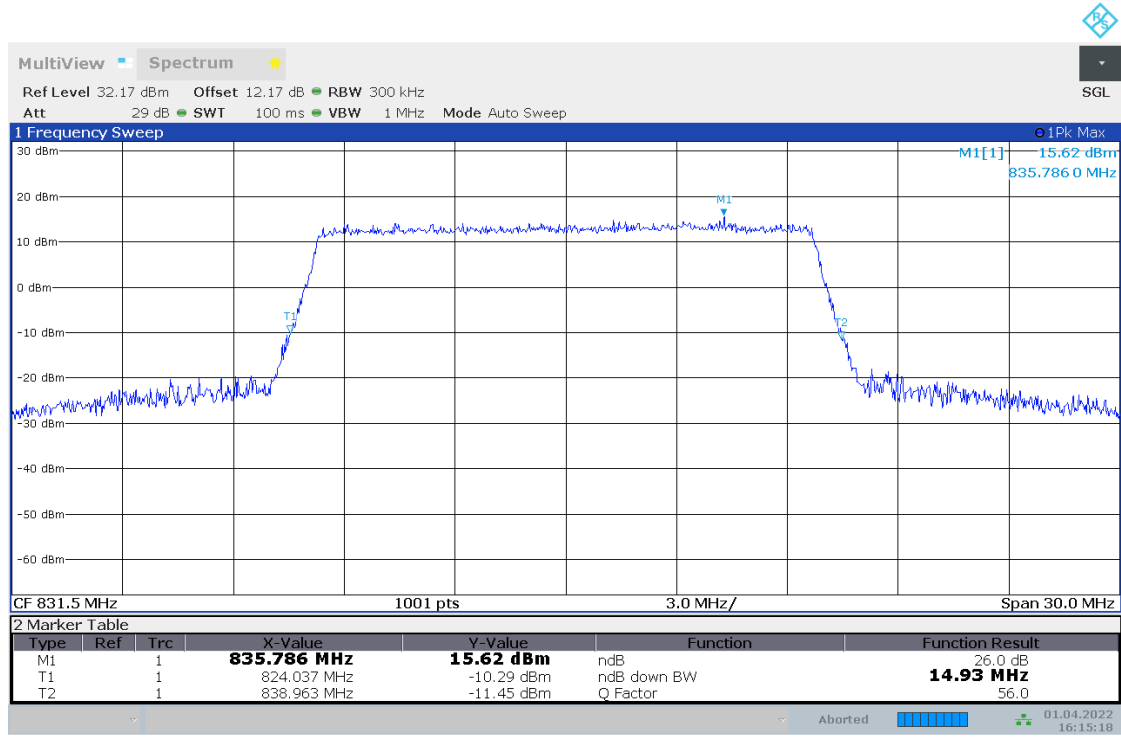


16:14:20 01.04.2022

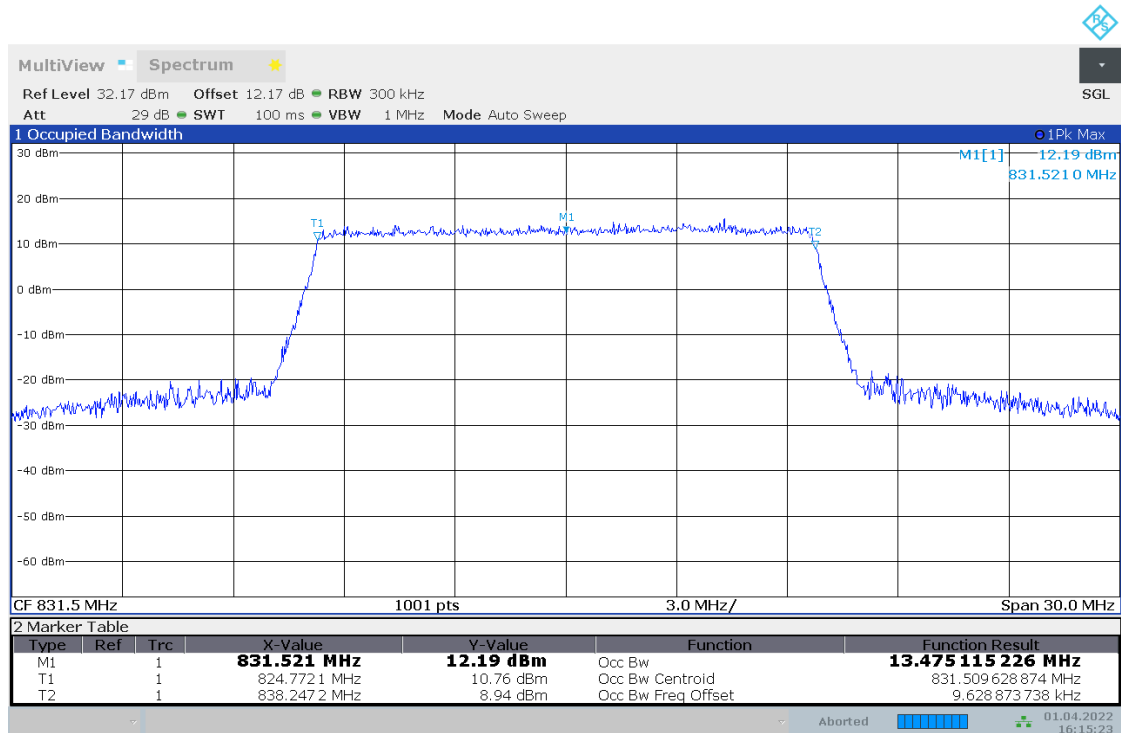


16:14:26 01.04.2022

4.2.43 TM3_15MHZ_LCH_RB75#0

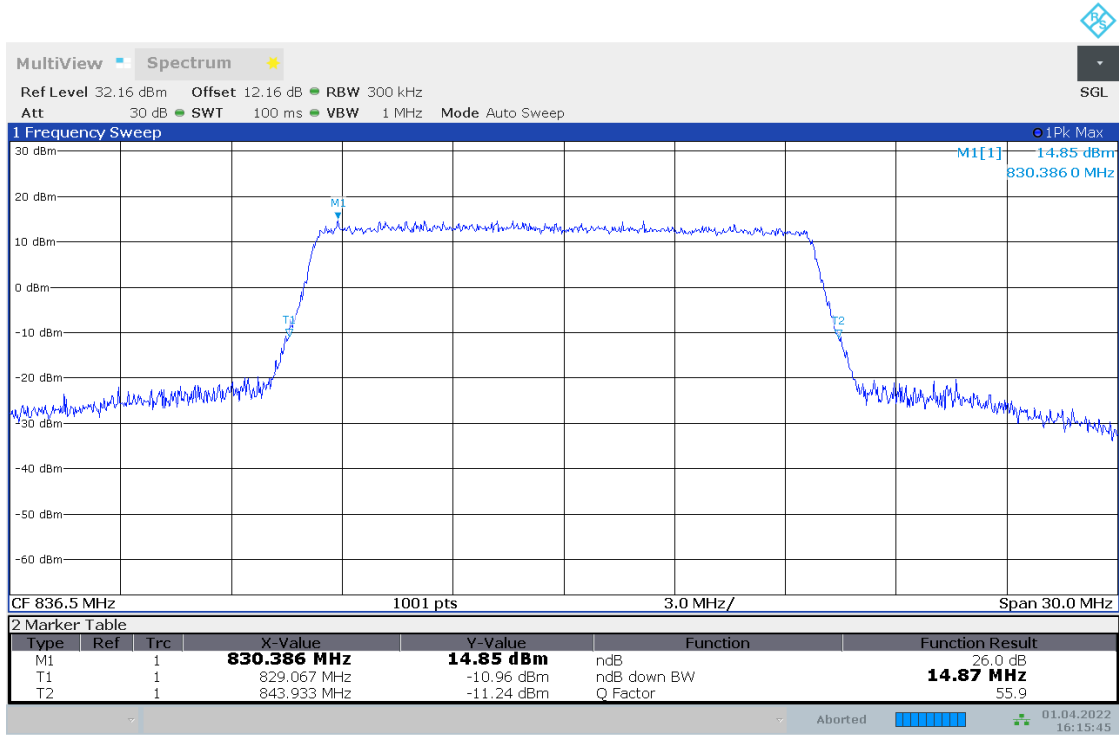


16:15:18 01.04.2022

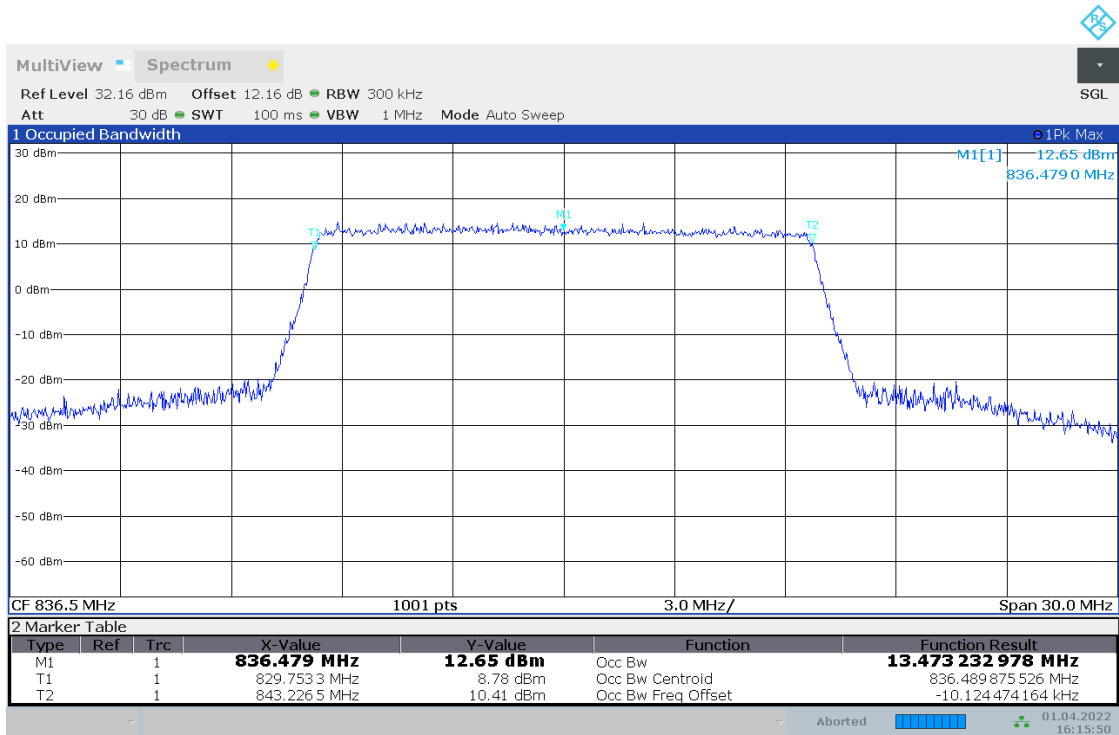


16:15:24 01.04.2022

4.2.44 TM3_15MHZ_MCH_RB75#0

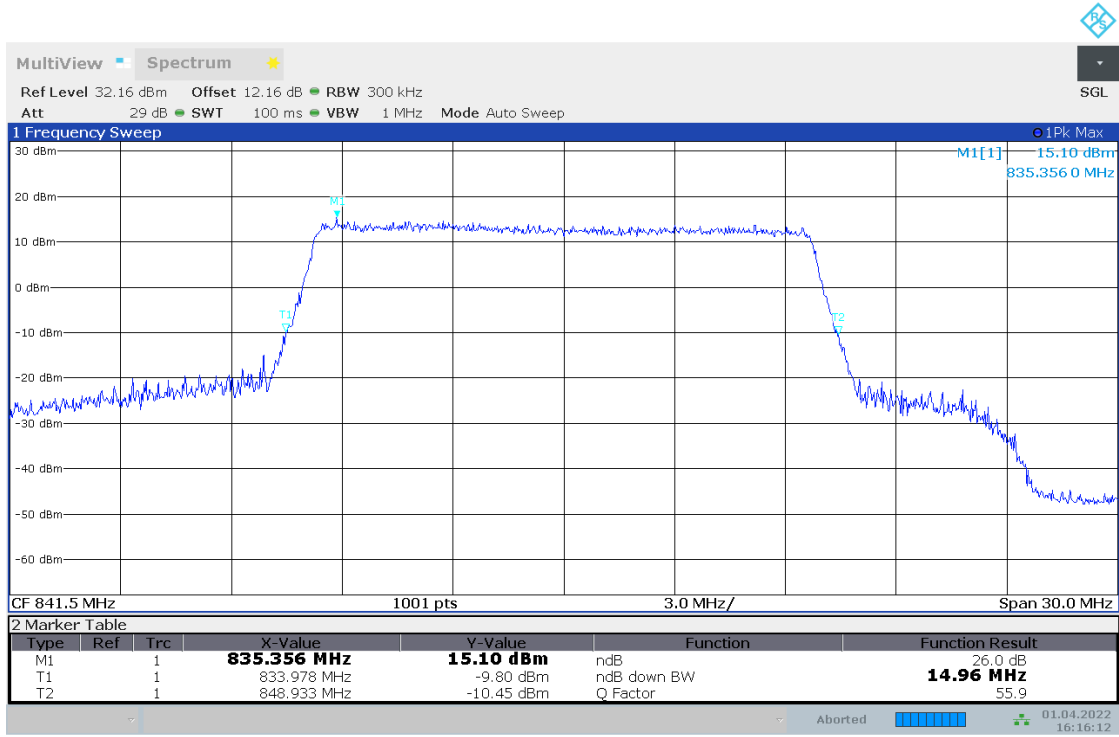


16:15:46 01.04.2022

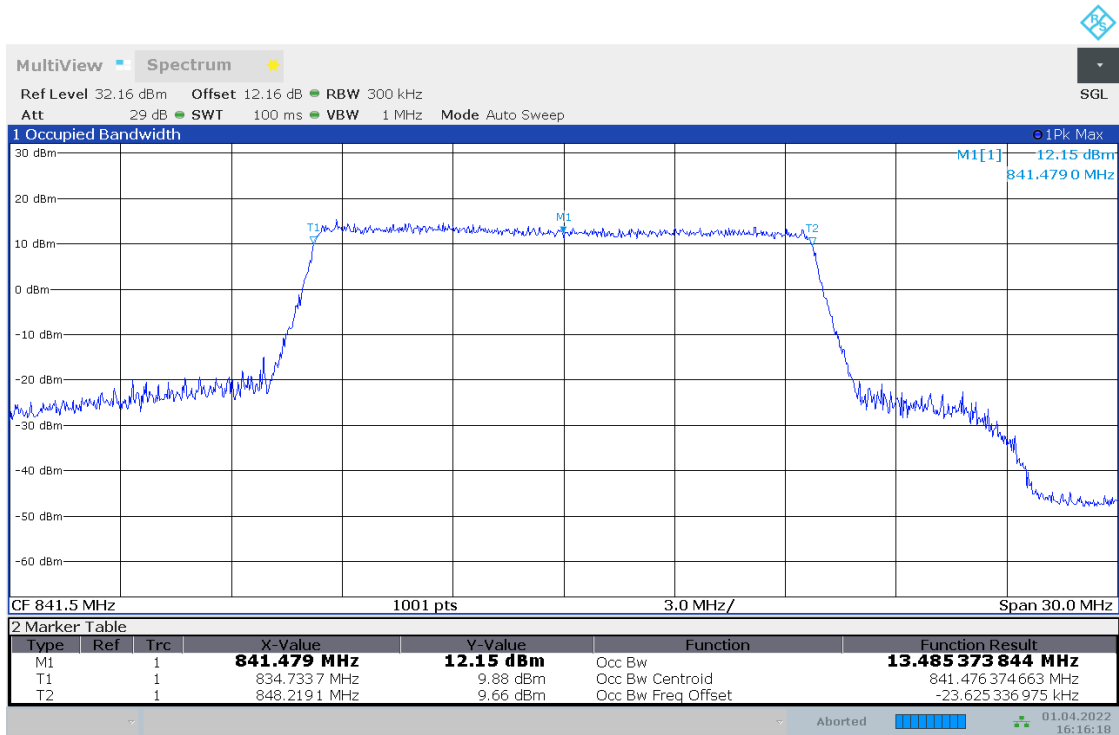


16:15:51 01.04.2022

4.2.45 TM3_15MHZ_HCH_RB75#0



16:16:13 01.04.2022



16:16:18 01.04.2022

5. APPENDIX E - BAND EDGES COMPLIANCE

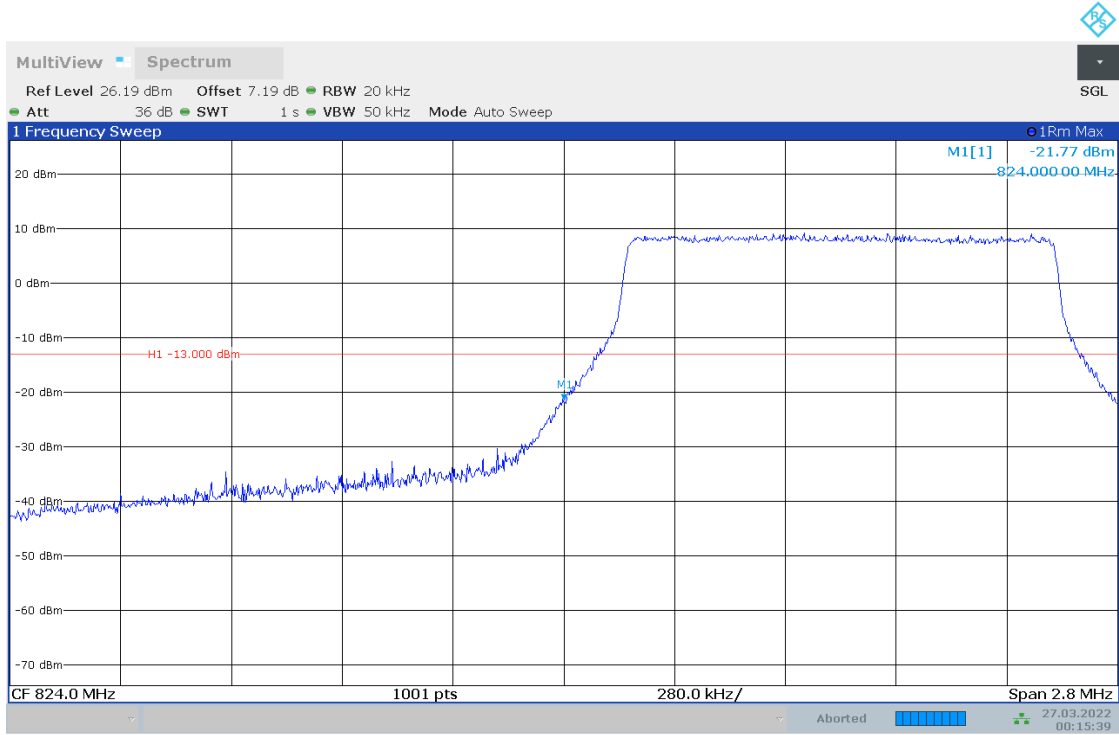
5.1 TEST RESULTS

Band Edges Compliance					
Test Mode	Test Bandwidth [MHz]	Test Channel	Test RB	Modulation	Verdict
TM1	1.4	LCH	RB6#0	QPSK	PASS
			RB1#0	QPSK	PASS
			RB1#5	QPSK	PASS
		HCH	RB6#0	QPSK	PASS
			RB1#0	QPSK	PASS
			RB1#5	QPSK	PASS
	5	LCH	RB25#0	QPSK	PASS
			RB1#0	QPSK	PASS
			RB1#24	QPSK	PASS
		HCH	RB25#0	QPSK	PASS
			RB1#0	QPSK	PASS
			RB1#24	QPSK	PASS
	15	LCH	RB75#0	QPSK	PASS
			RB1#0	QPSK	PASS
			RB1#74	QPSK	PASS
HCH		RB75#0	QPSK	PASS	
		RB1#0	QPSK	PASS	
		RB1#74	QPSK	PASS	
TM2	1.4	LCH	RB6#0	16QAM	PASS
			RB1#0	16QAM	PASS
			RB1#5	16QAM	PASS
		HCH	RB6#0	16QAM	PASS
			RB1#0	16QAM	PASS
			RB1#5	16QAM	PASS
	5	LCH	RB25#0	16QAM	PASS
			RB1#0	16QAM	PASS
			RB1#24	16QAM	PASS
		HCH	RB25#0	16QAM	PASS
			RB1#0	16QAM	PASS
			RB1#24	16QAM	PASS
	15	LCH	RB75#0	QPSK	PASS
			RB1#0	QPSK	PASS
			RB1#74	QPSK	PASS
HCH		RB75#0	QPSK	PASS	
		RB1#0	QPSK	PASS	
		RB1#74	QPSK	PASS	

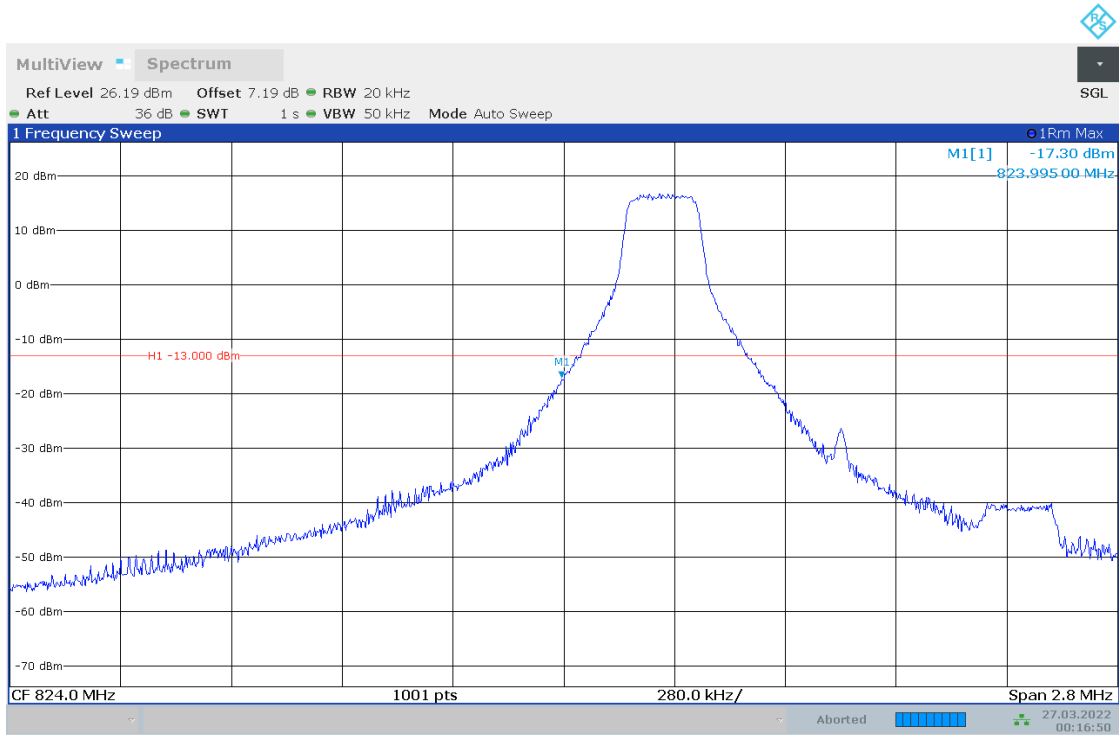
Band Edges Compliance					
Test Mode	Test Bandwidth [MHz]	Test Channel	Test RB	Modulation	Verdict
TM3	1.4	LCH	RB6#0	64QAM	PASS
			RB1#0	64QAM	PASS
			RB1#5	64QAM	PASS
		HCH	RB6#0	64QAM	PASS
			RB1#0	64QAM	PASS
			RB1#5	64QAM	PASS
	5	LCH	RB25#0	64QAM	PASS
			RB1#0	64QAM	PASS
			RB1#24	64QAM	PASS
		HCH	RB25#0	64QAM	PASS
			RB1#0	64QAM	PASS
			RB1#24	64QAM	PASS
	15	LCH	RB75#0	QPSK	PASS
			RB1#0	QPSK	PASS
			RB1#74	QPSK	PASS
		HCH	RB75#0	QPSK	PASS
			RB1#0	QPSK	PASS
			RB1#74	QPSK	PASS

5.2 TEST PLOTS

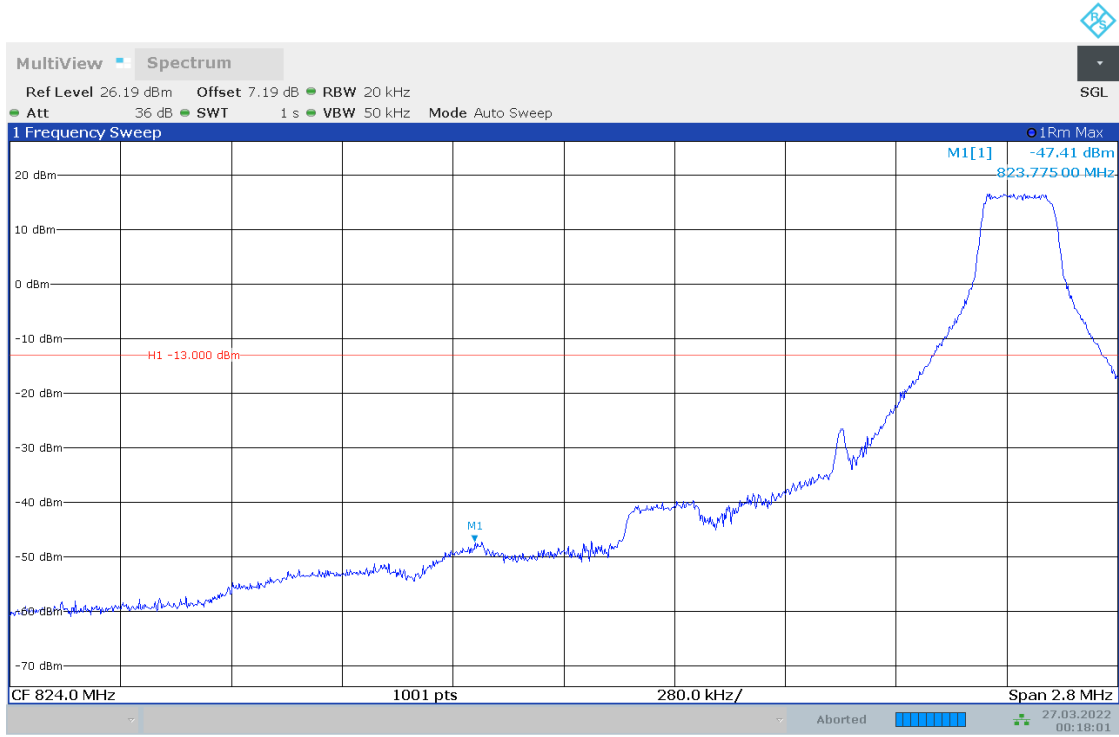
5.2.1 TM1_1.4MHZ_LCH_RB6#0



5.2.2 TM1_1.4MHZ_LCH_RB1#0

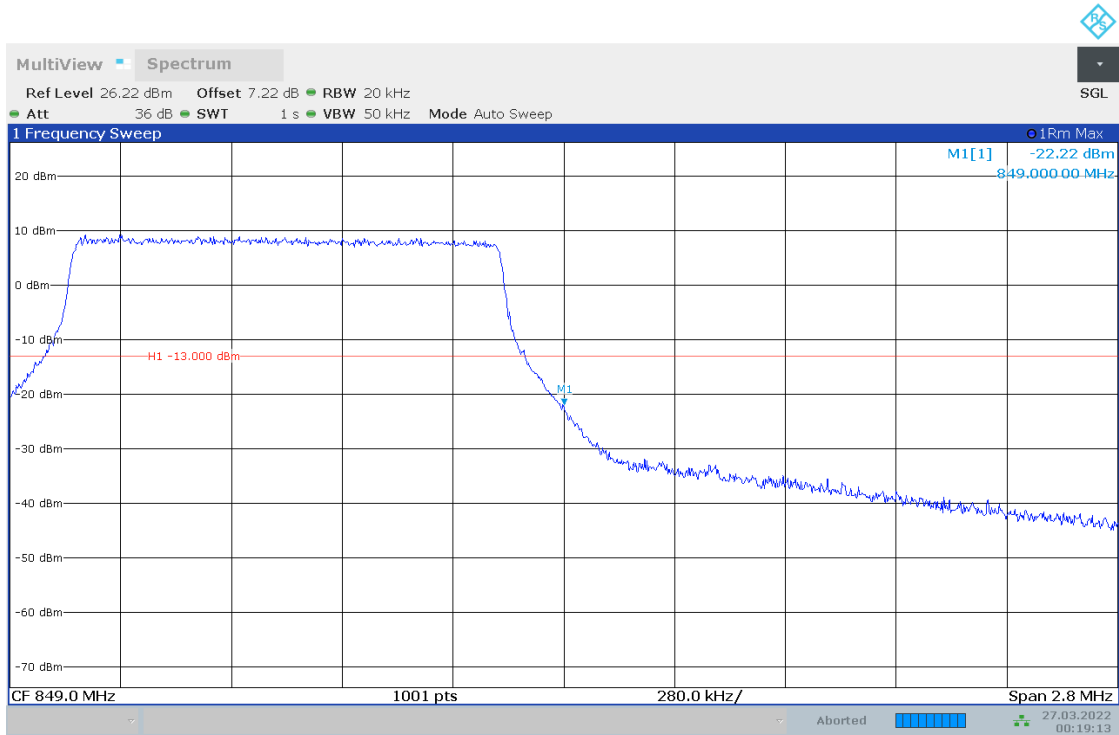


5.2.3 TM1_1.4MHZ_LCH_RB1#5



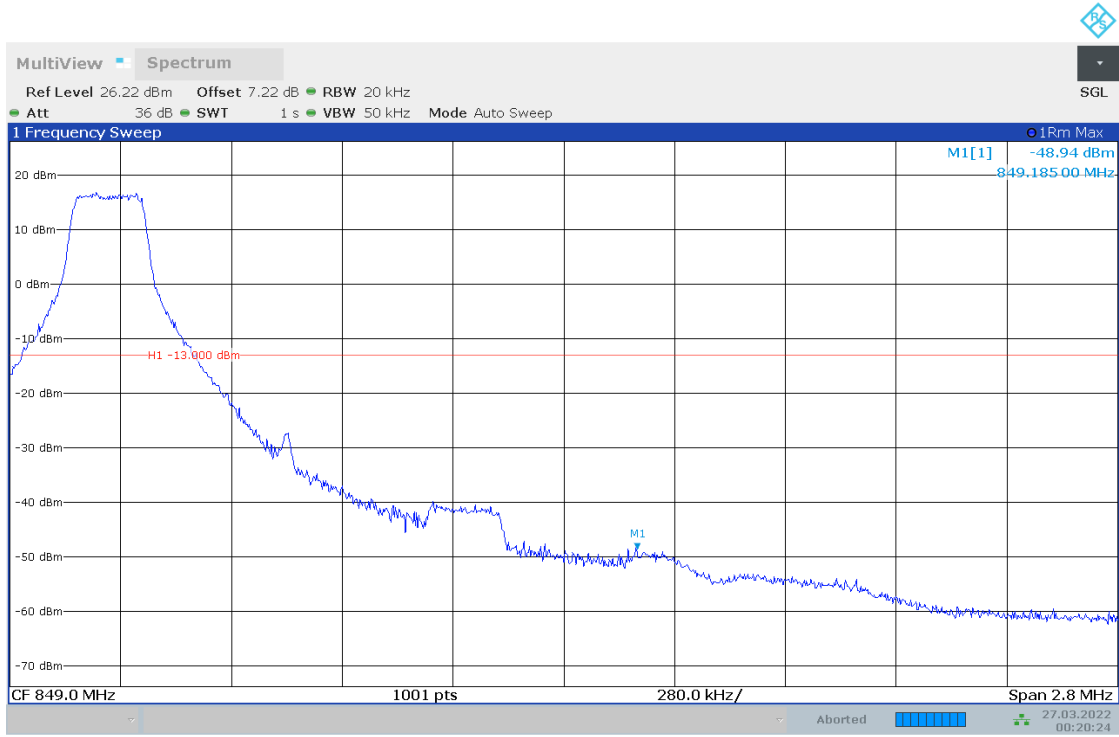
00:18:01 27.03.2022

5.2.4 TM1_1.4MHZ_HCH_RB6#0

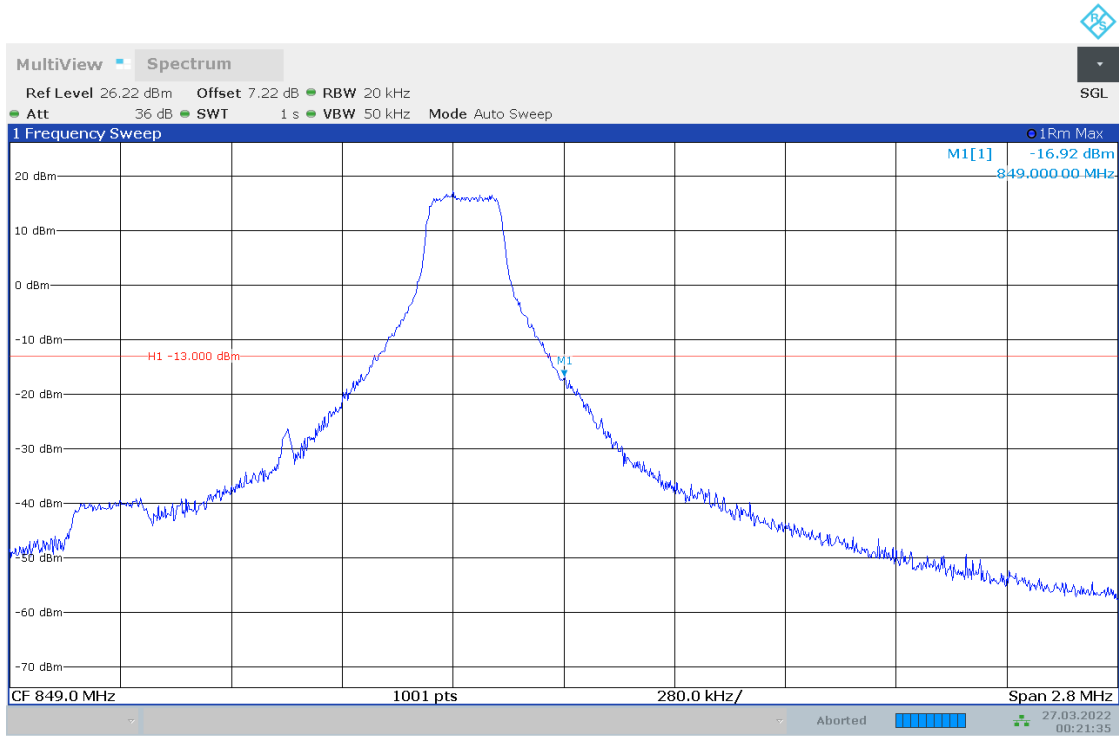


00:19:14 27.03.2022

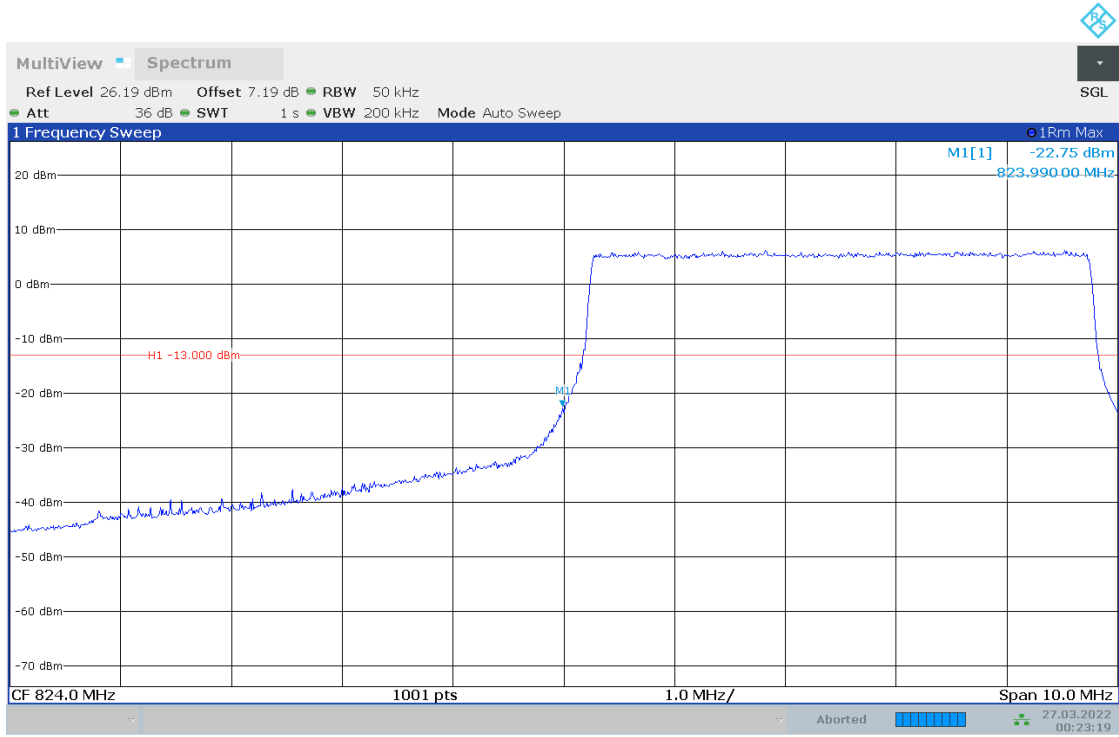
5.2.5 TM1_1.4MHZ_HCH_RB1#0



5.2.6 TM1_1.4MHZ_HCH_RB1#5

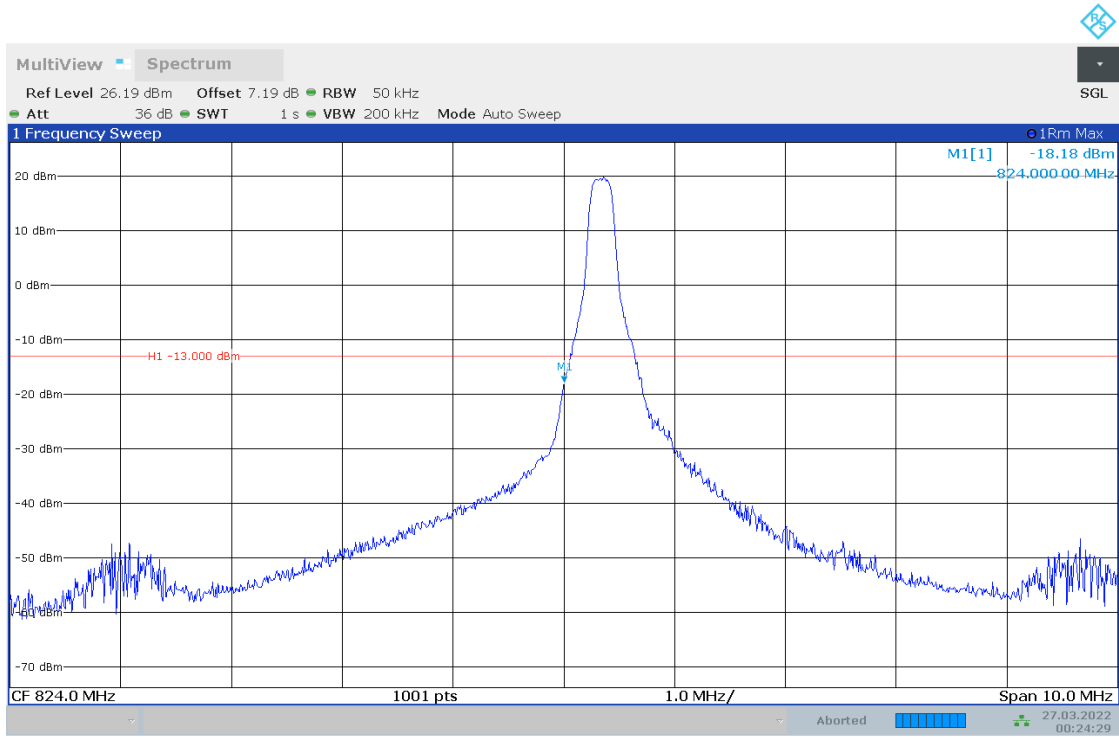


5.2.7 TM1_5MHZ_LCH_RB25#0



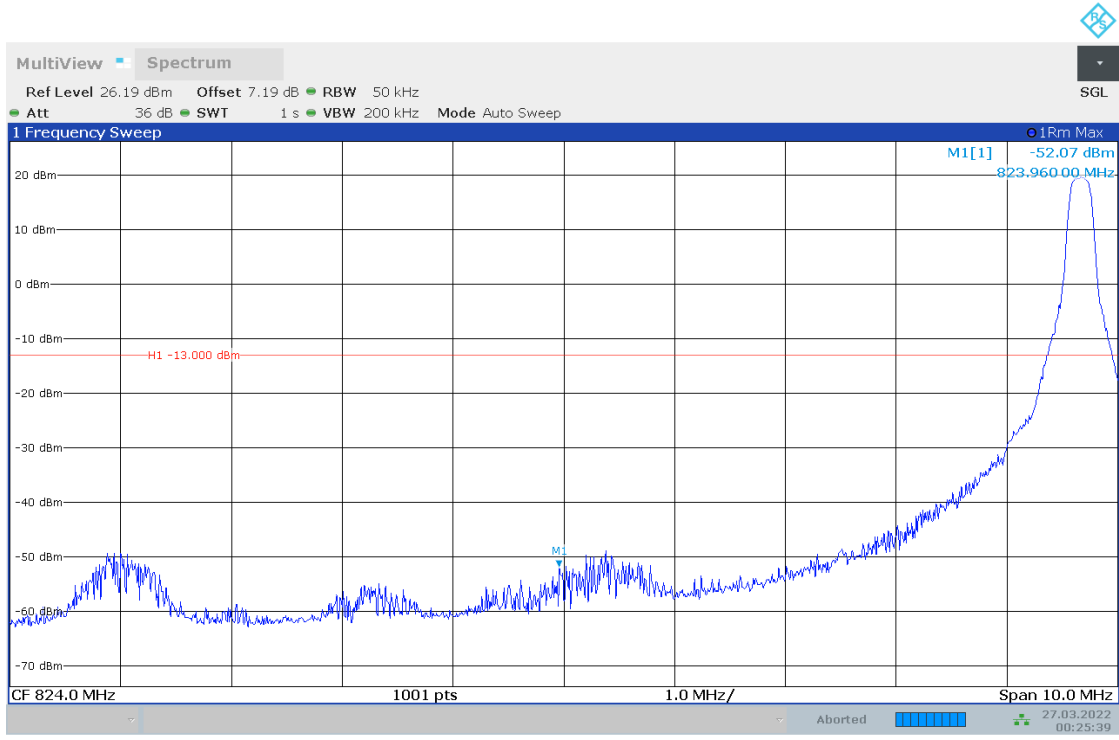
00:23:19 27.03.2022

5.2.8 TM1_5MHZ_LCH_RB1#0



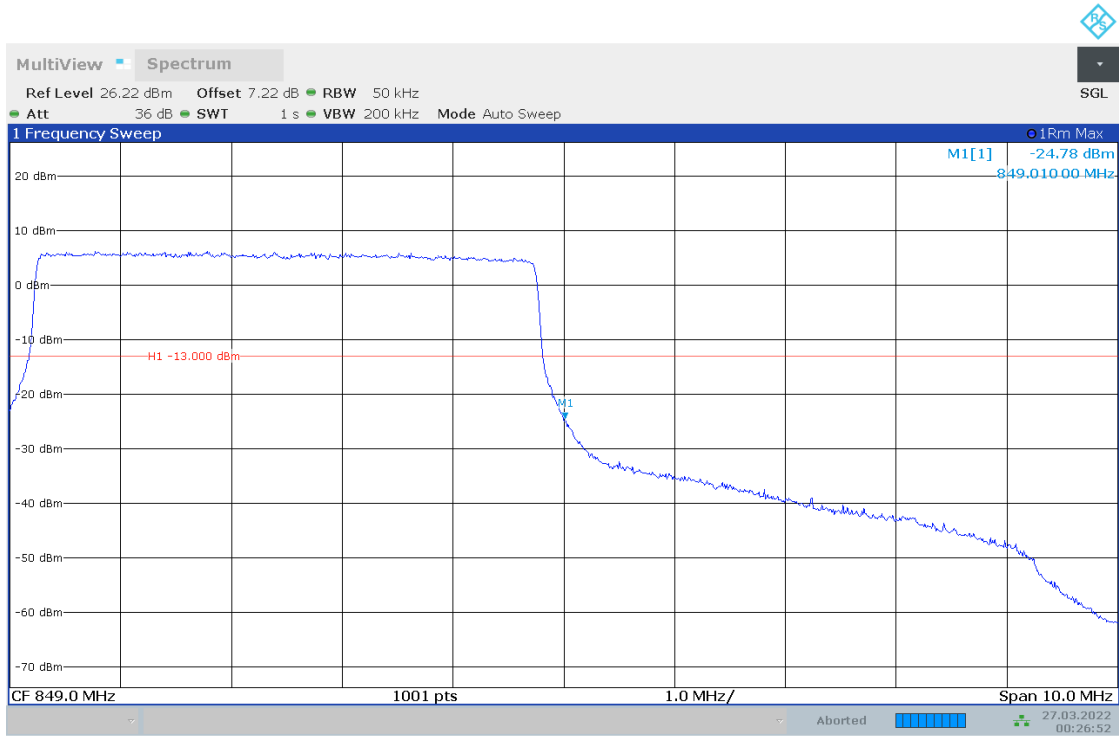
00:24:30 27.03.2022

5.2.9 TM1_5MHZ_LCH_RB1#24



00:25:40 27.03.2022

5.2.10 TM1_5MHZ_HCH_RB25#0



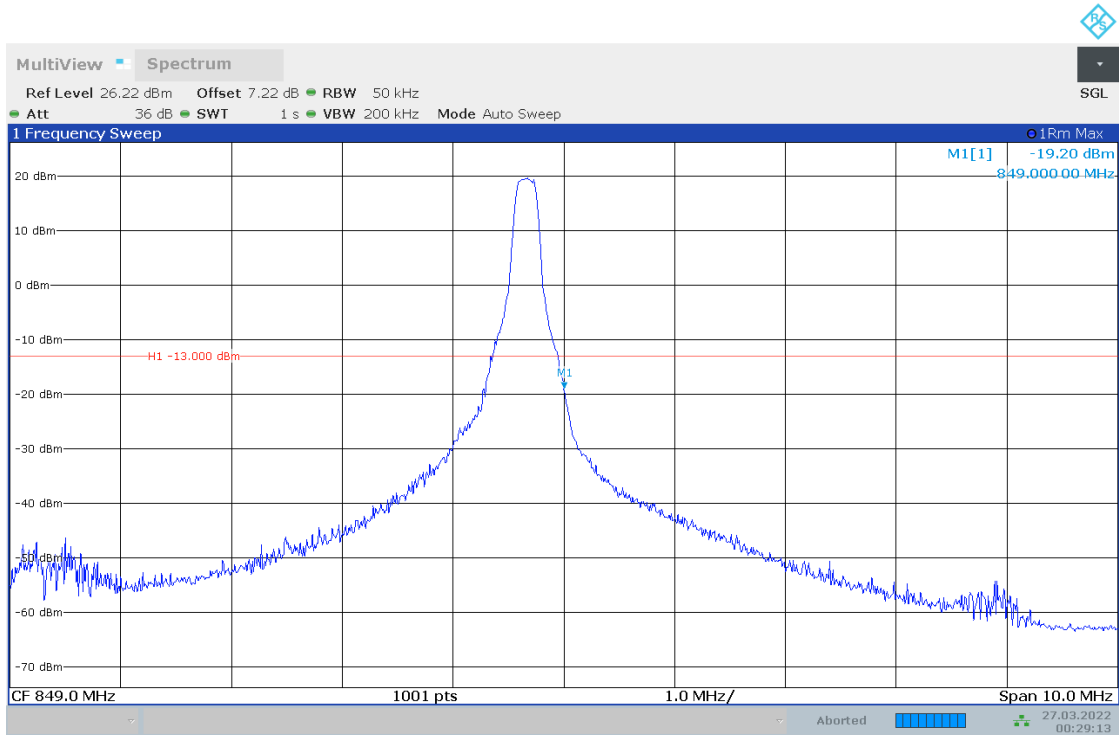
00:26:53 27.03.2022

5.2.11 TM1_5MHZ_HCH_RB1#0



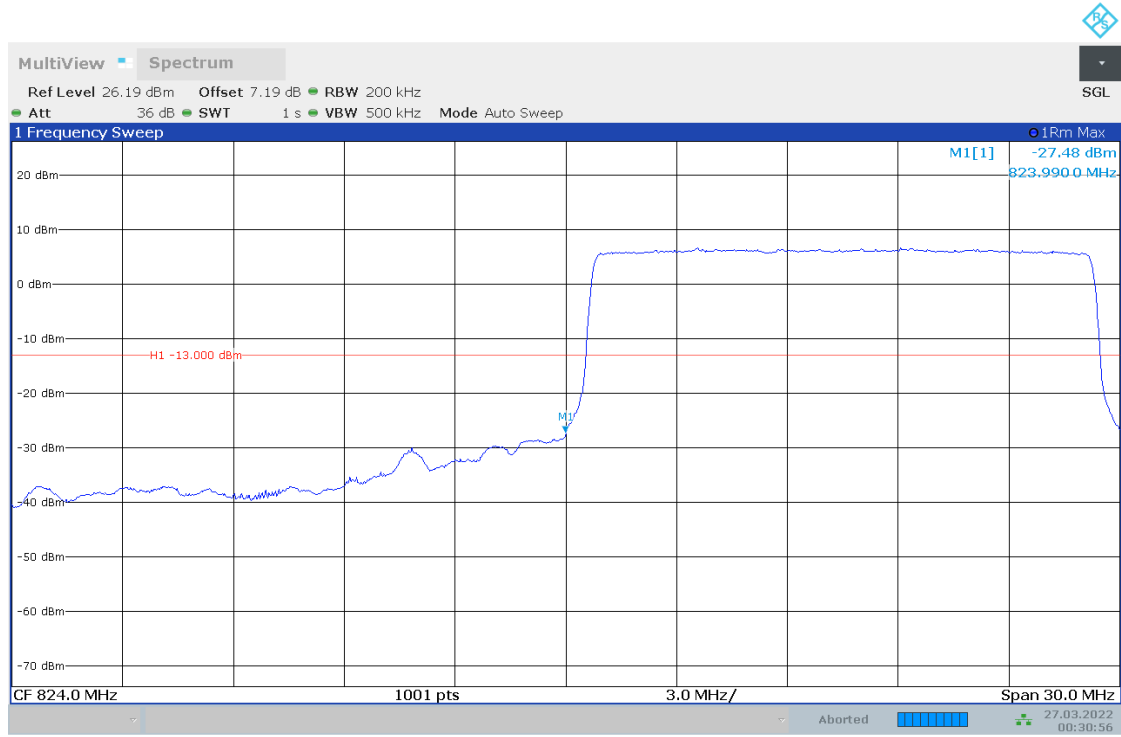
00:28:03 27.03.2022

5.2.12 TM1_5MHZ_HCH_RB1#24



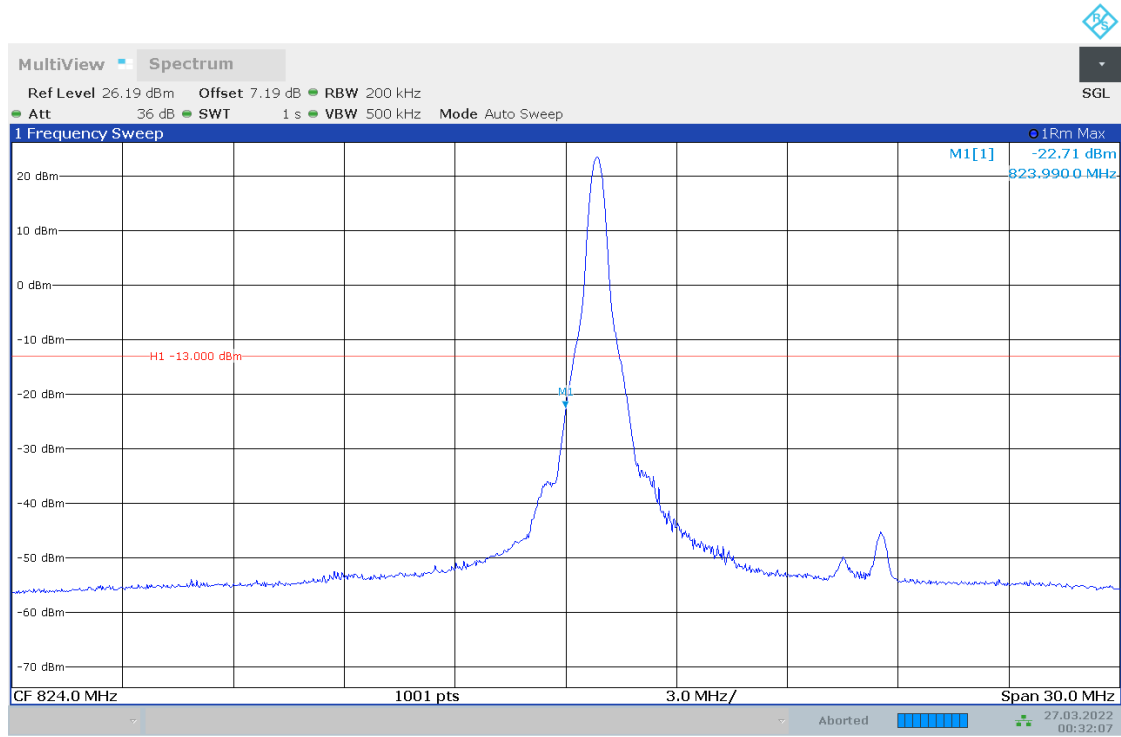
00:29:13 27.03.2022

5.2.13 TM1_15MHZ_LCH_RB75#0



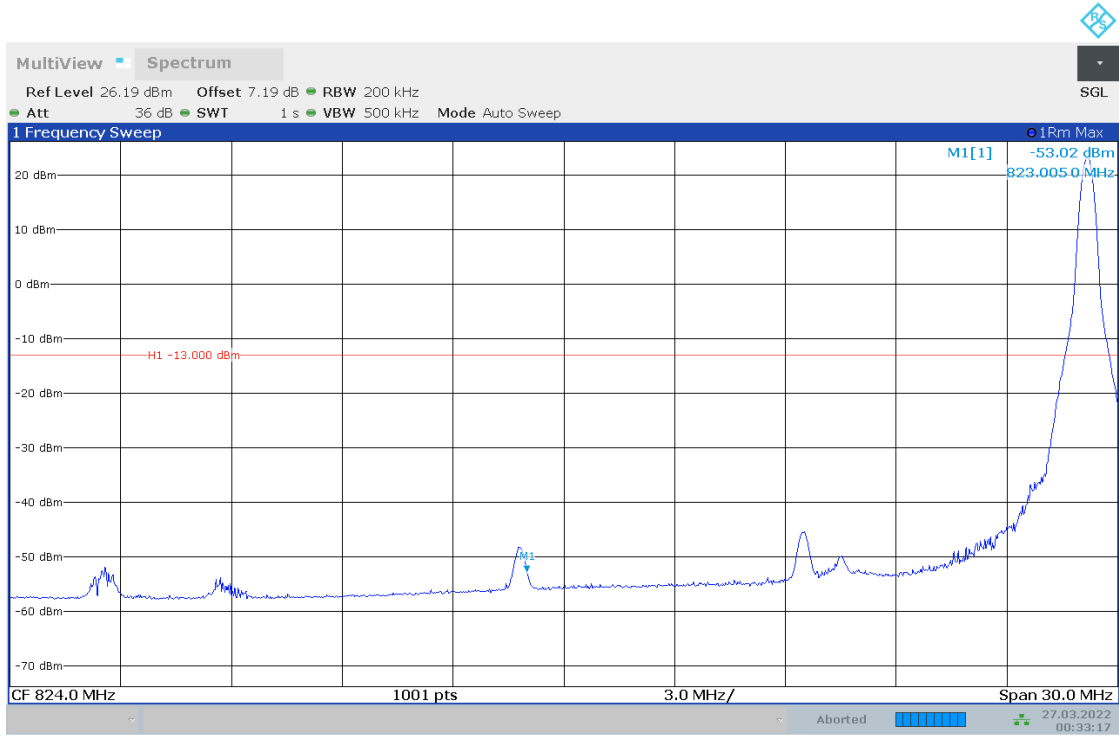
00:30:57 27.03.2022

5.2.14 TM1_15MHZ_LCH_RB1#0



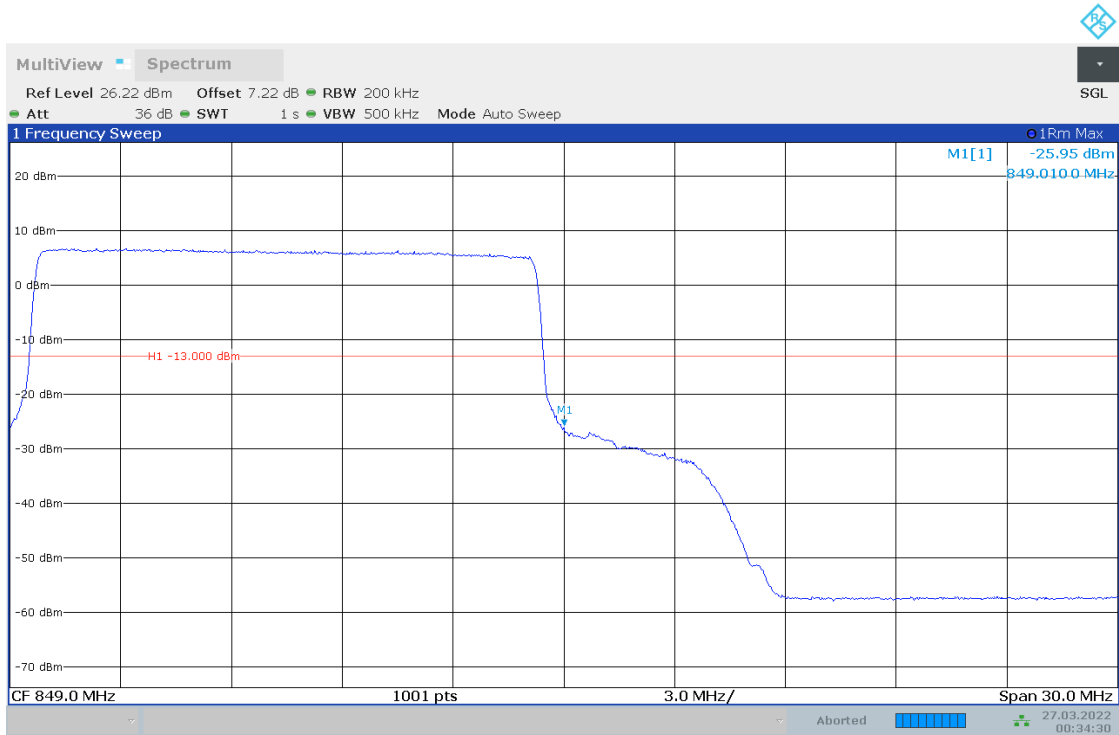
00:32:08 27.03.2022

5.2.15 TM1_15MHZ_LCH_RB1#74



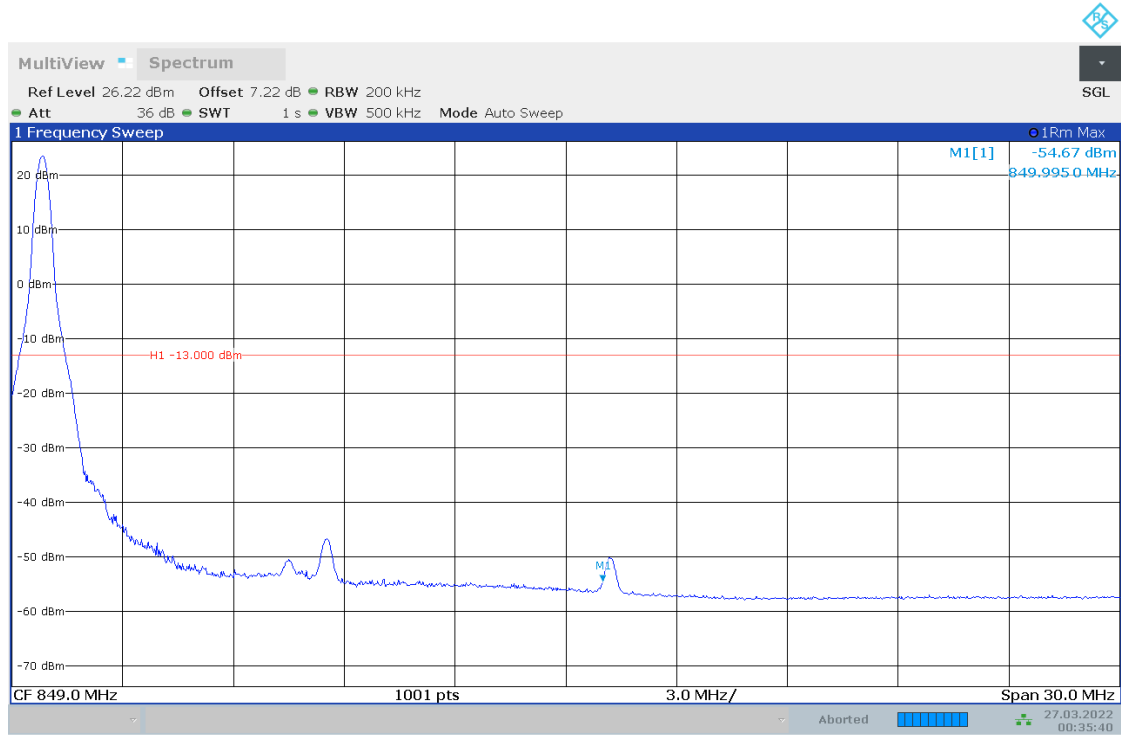
00:33:18 27.03.2022

5.2.16 TM1_15MHZ_HCH_RB75#0



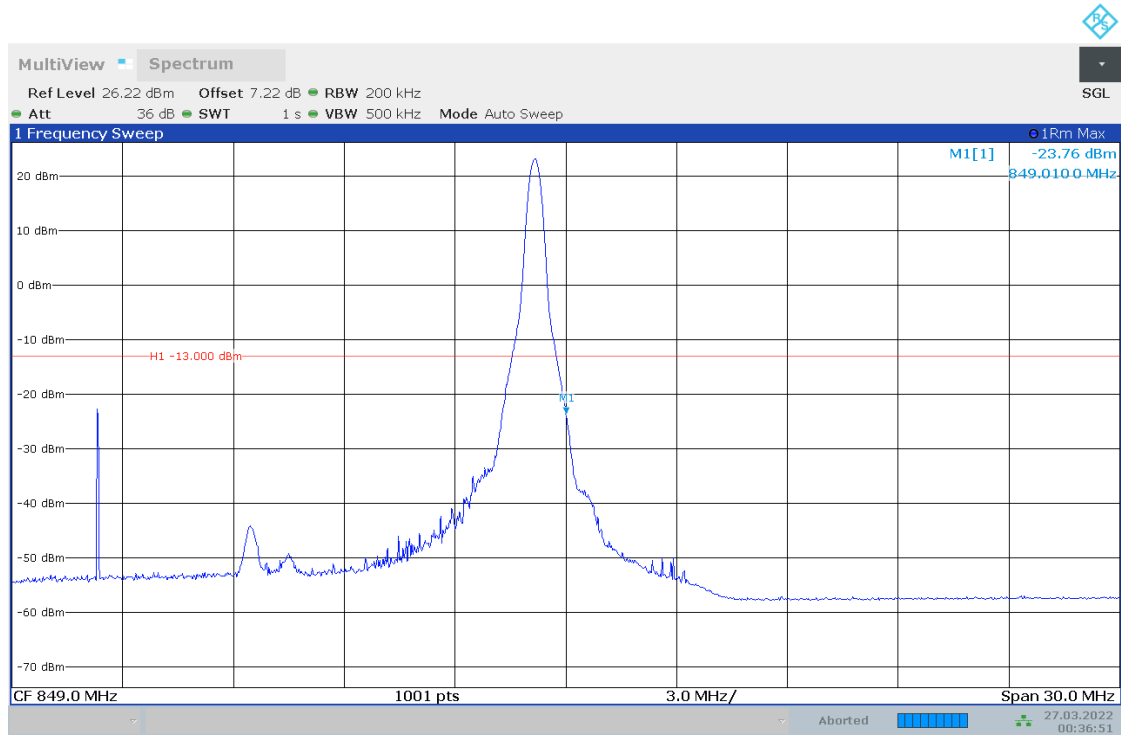
00:34:31 27.03.2022

5.2.17 TM1_15MHZ_HCH_RB1#0



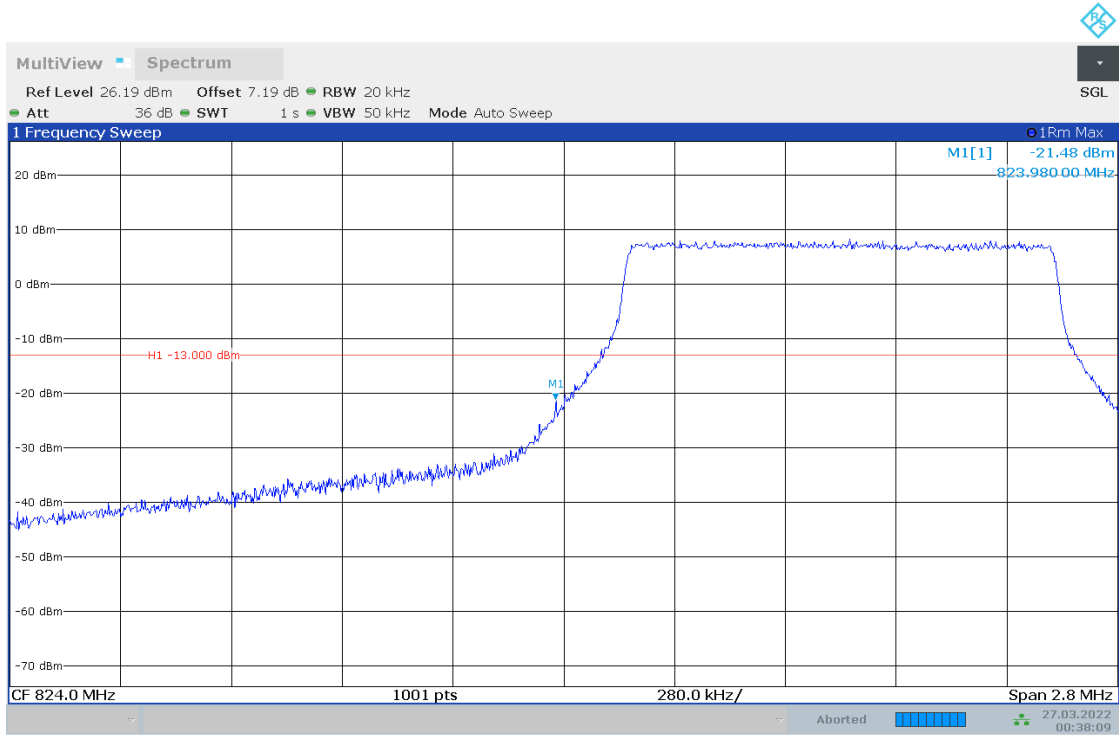
00:35:41 27.03.2022

5.2.18 TM1_15MHZ_HCH_RB1#74

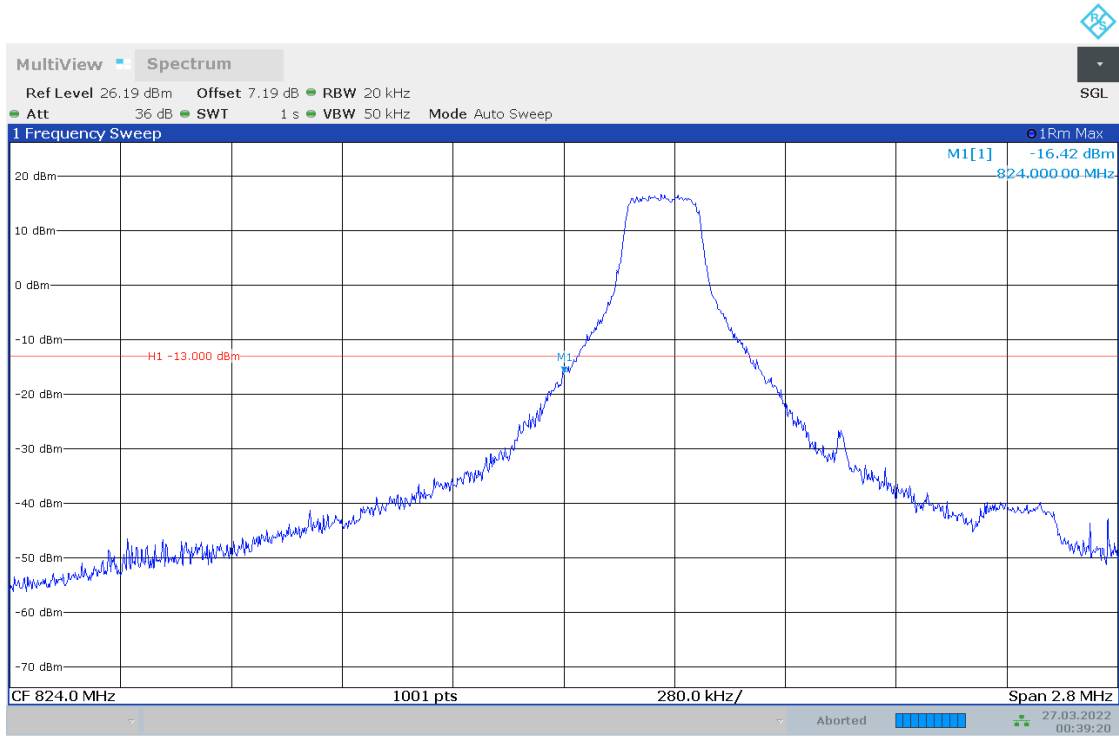


00:36:51 27.03.2022

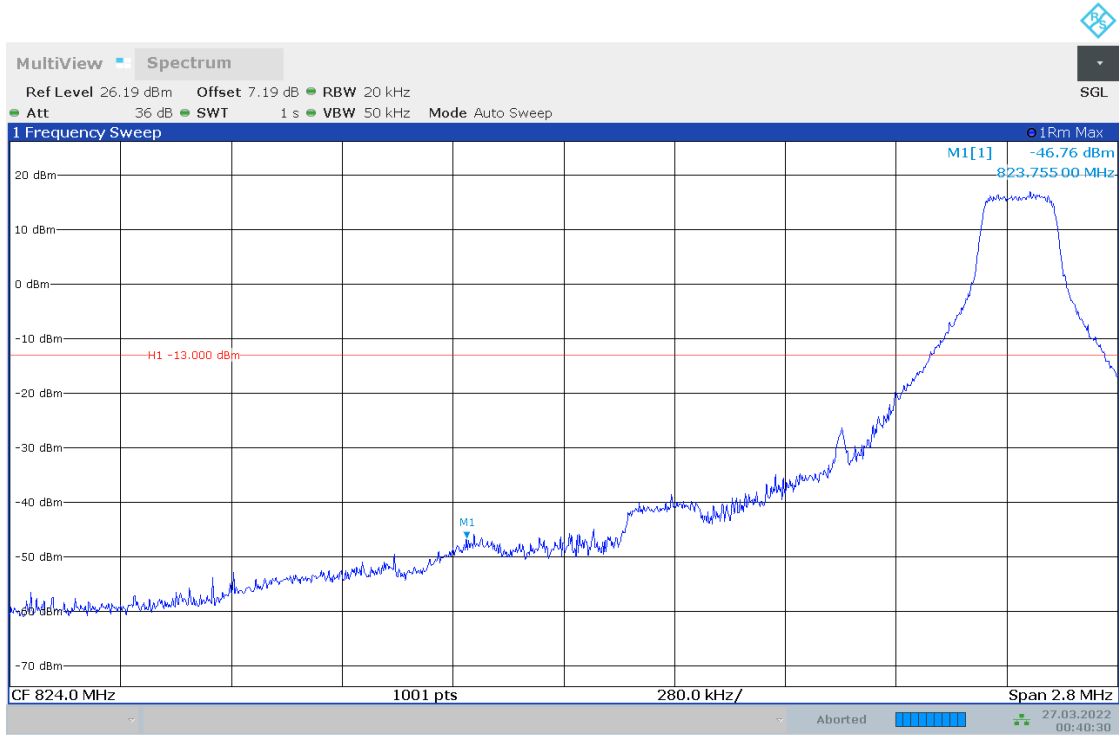
5.2.19 TM2_1.4MHZ_LCH_RB6#0



5.2.20 TM2_1.4MHZ_LCH_RB1#0

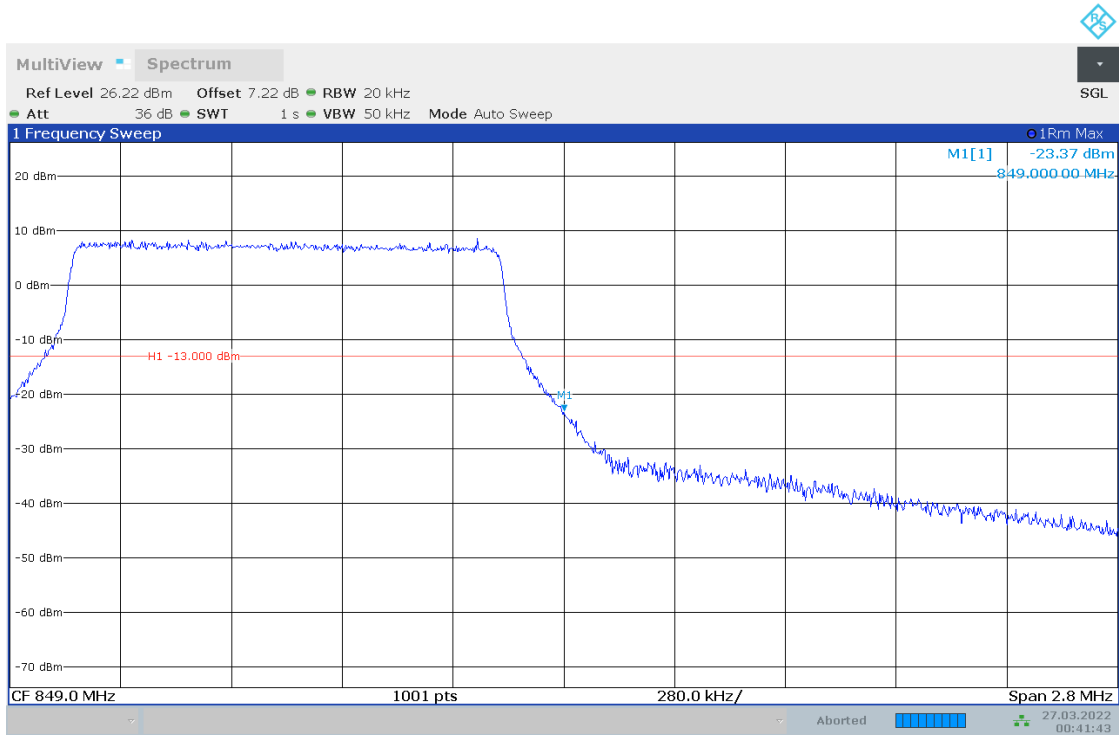


5.2.21 TM2_1.4MHZ_LCH_RB1#5



00:40:31 27.03.2022

5.2.22 TM2_1.4MHZ_HCH_RB6#0



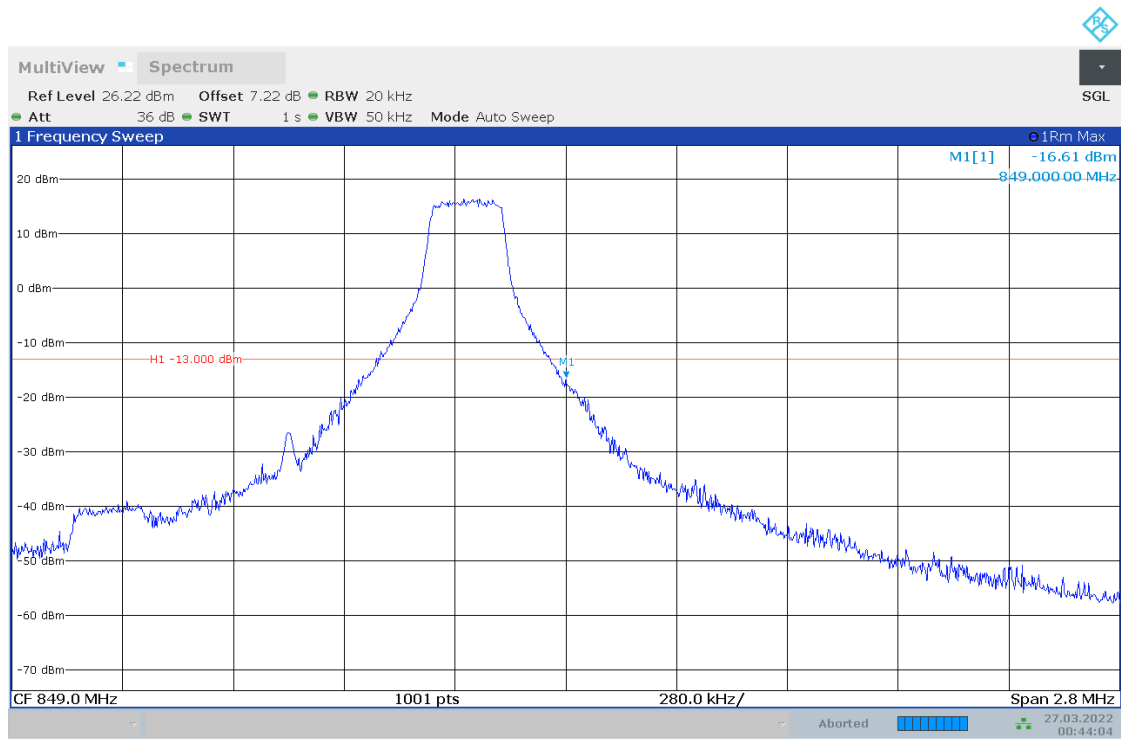
00:41:44 27.03.2022

5.2.23 TM2_1.4MHZ_HCH_RB1#0



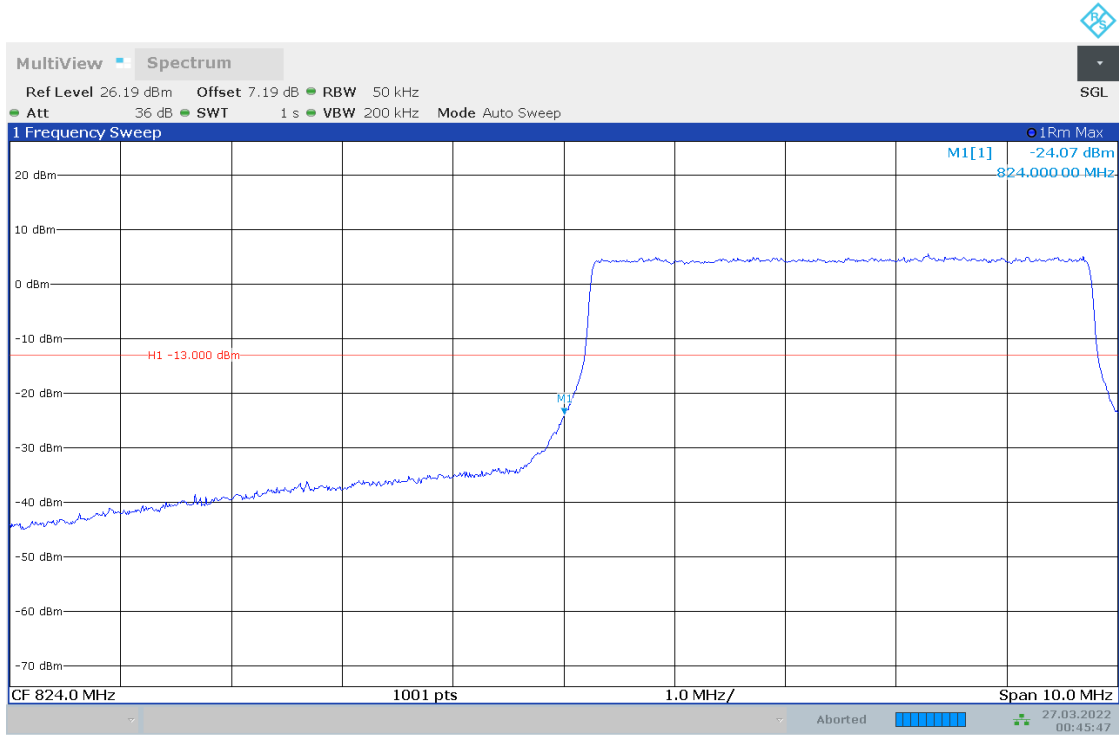
00:42:55 27.03.2022

5.2.24 TM2_1.4MHZ_HCH_RB1#5



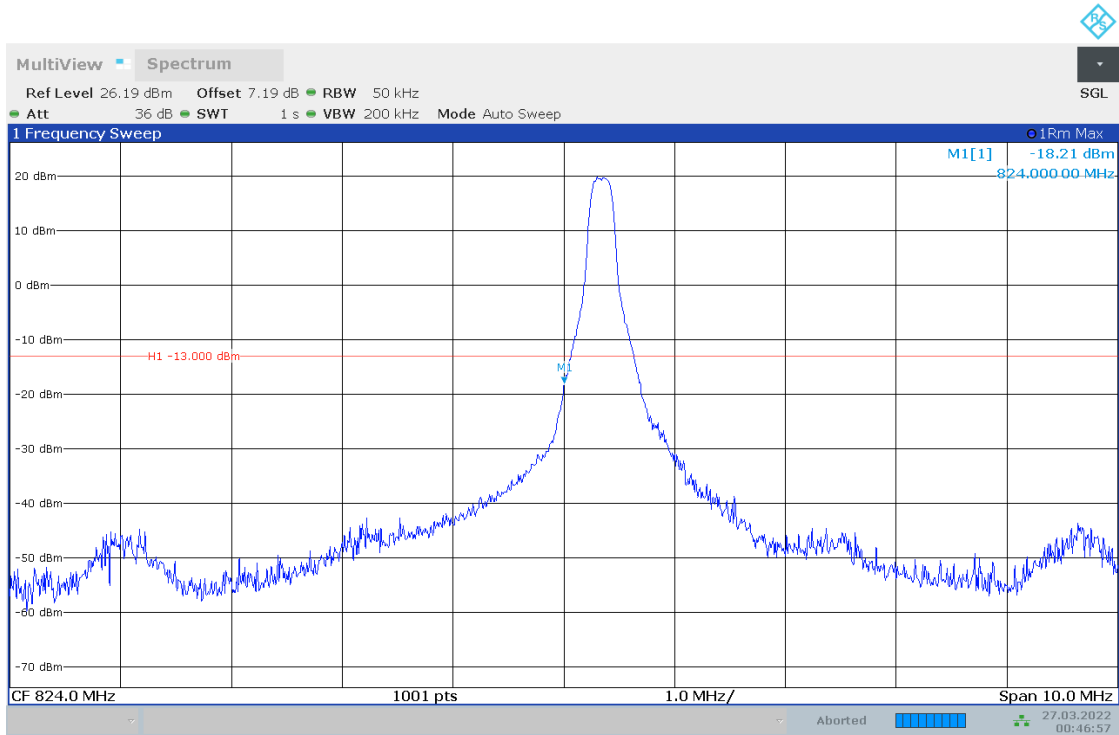
00:44:05 27.03.2022

5.2.25 TM2_5MHZ_LCH_RB25#0



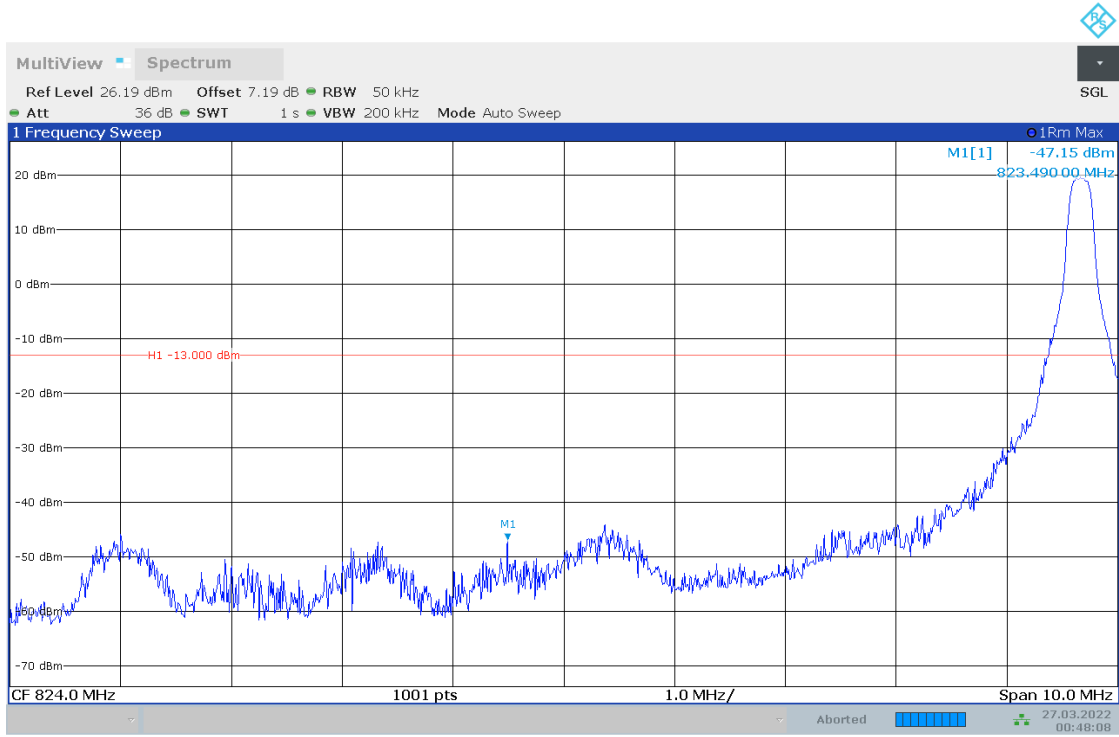
00:45:48 27.03.2022

5.2.26 TM2_5MHZ_LCH_RB1#0



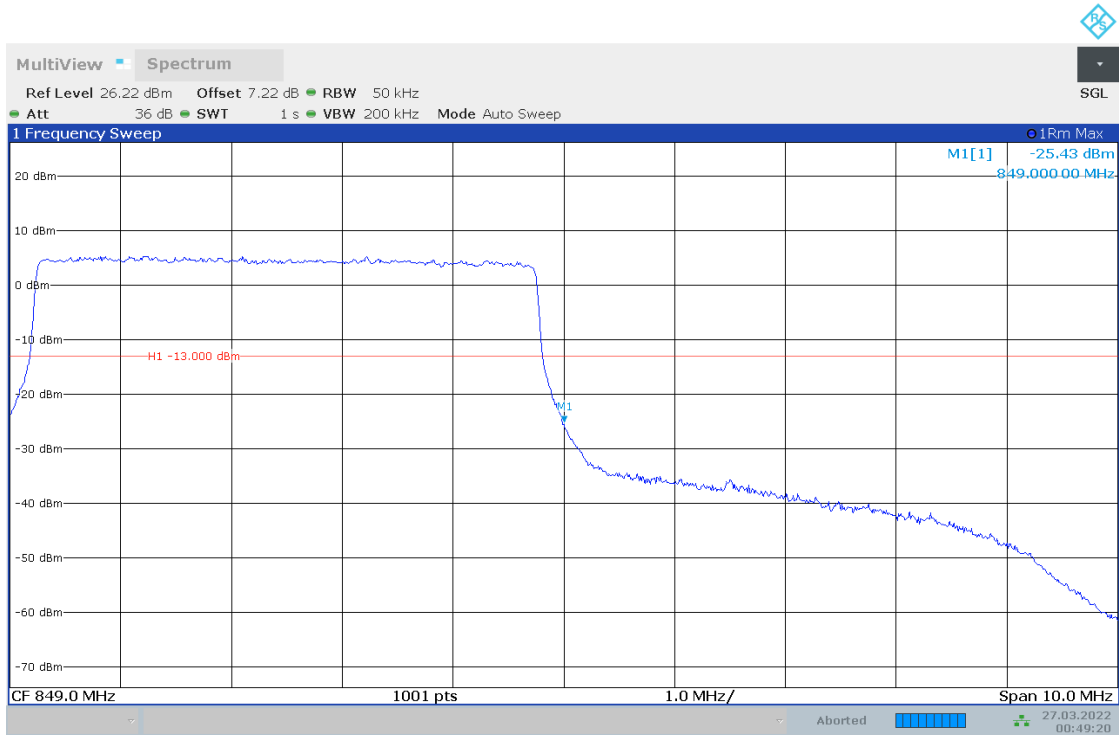
00:46:58 27.03.2022

5.2.27 TM2_5MHZ_LCH_RB1#24



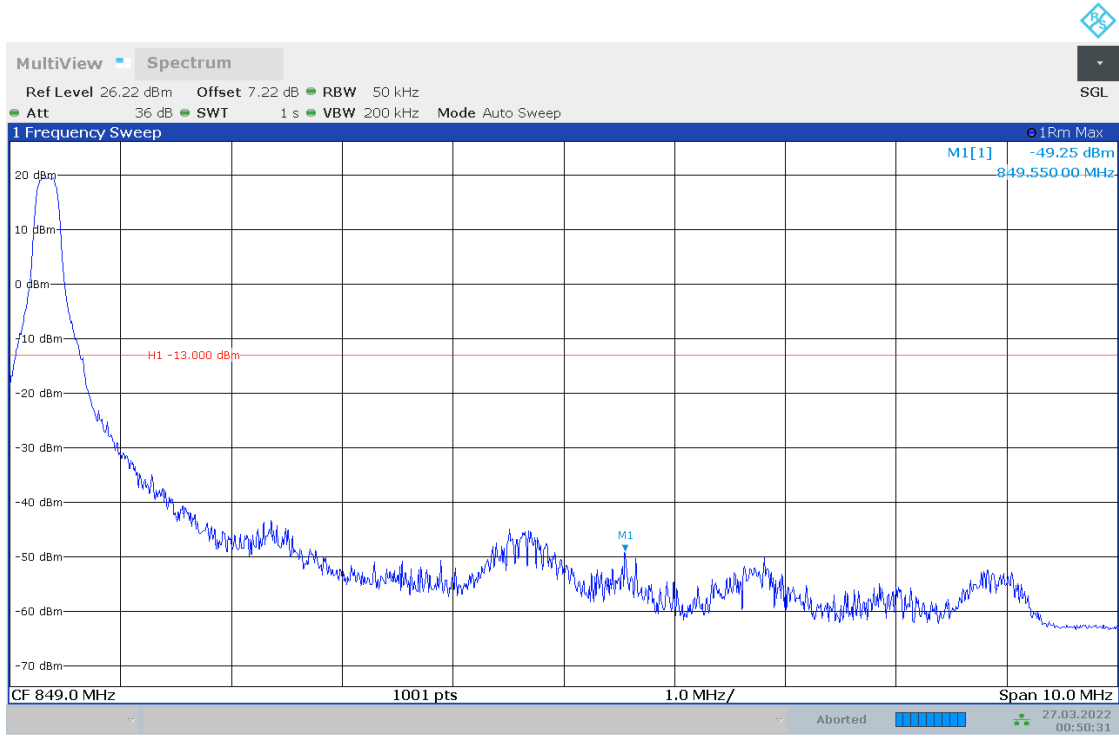
00:48:09 27.03.2022

5.2.28 TM2_5MHZ_HCH_RB25#0

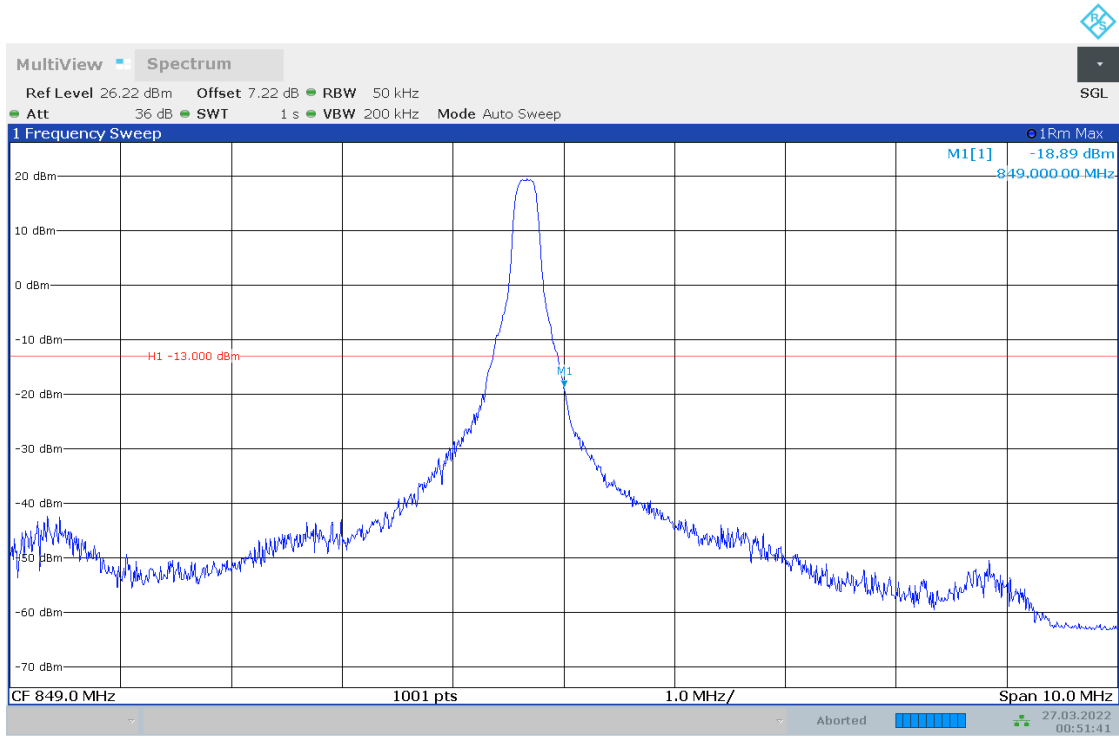


00:49:21 27.03.2022

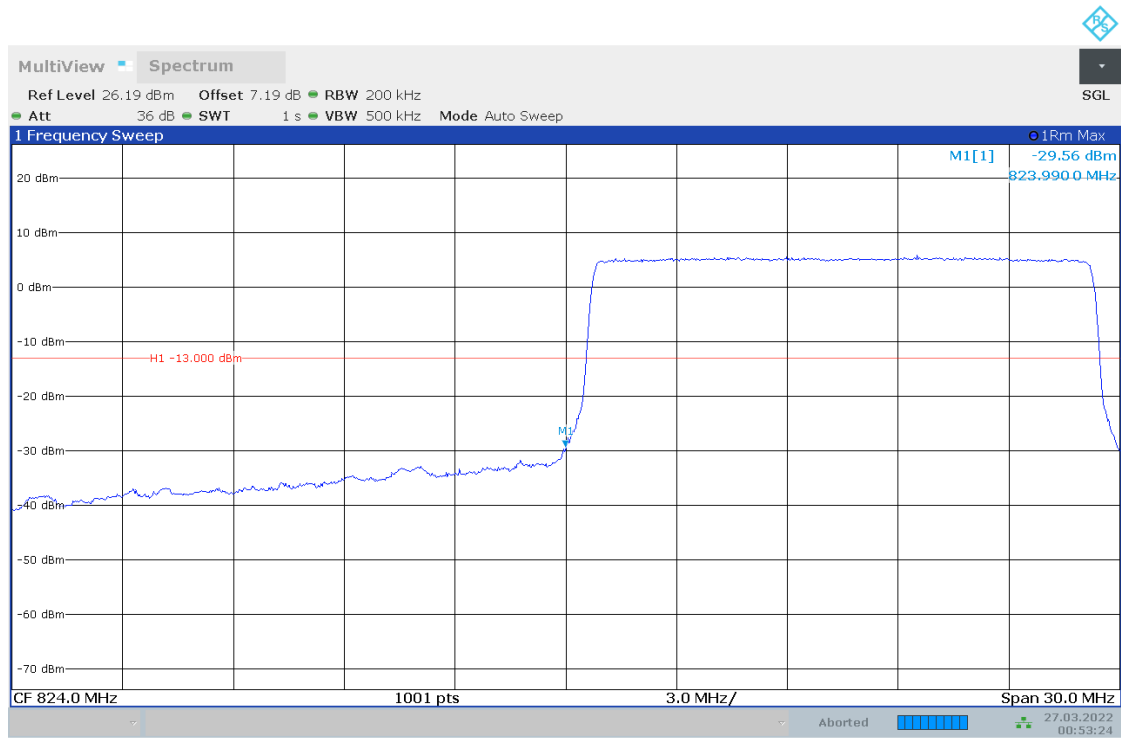
5.2.29 TM2_5MHZ_HCH_RB1#0



5.2.30 TM2_5MHZ_HCH_RB1#24

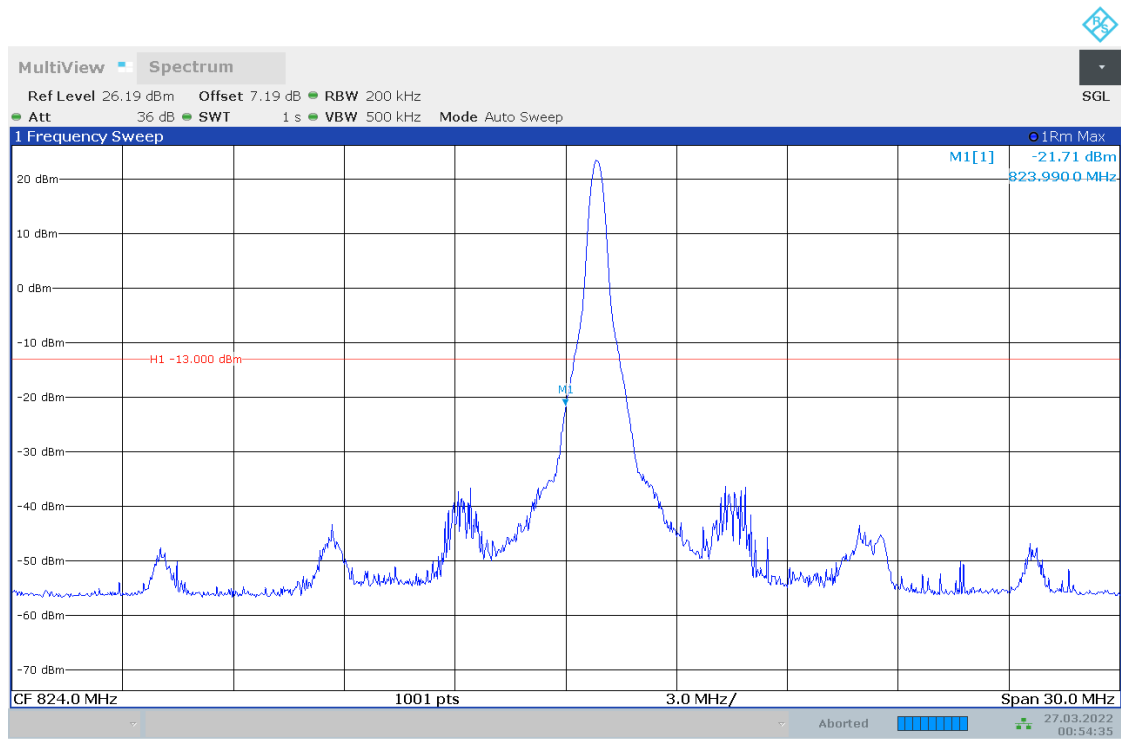


5.2.31 TM2_15MHZ_LCH_RB75#0



00:53:25 27.03.2022

5.2.32 TM2_15MHZ_LCH_RB1#0



00:54:35 27.03.2022