

Appendix C: Test Results of FHSs

APPENDIX C: TEST RESULTS OF FHSS	1
APPENDIX C.1: TEST RESULTS OF 99% BANDWIDTH	3
FHSS#1 (BANDWIDTH: 125KHz).....	3
Low Channel.....	3
Middle Channel.....	3
High Channel.....	4
FHSS#2 (DATARATE: 50KBPS)	4
Low Channel.....	4
Middle Channel.....	5
High Channel.....	5
FHSS#3 (DATARATE: 150KBPS)	6
Low Channel.....	6
Middle Channel.....	6
High Channel.....	7
FHSS#4 (DATARATE: 250KBPS)	7
Low Channel.....	7
Middle Channel.....	8
High Channel.....	8
APPENDIX C.2: TEST RESULTS OF 20DB BANDWIDTH.....	9
FHSS#1 (BANDWIDTH: 125KHz).....	9
Low Channel.....	9
Middle Channel.....	9
High Channel.....	10
FHSS#2 (DATARATE: 50KBPS)	10
Low Channel.....	10
Middle Channel.....	11
High Channel.....	11
FHSS#3 (DATARATE: 150KBPS)	12
Low Channel.....	12
Middle Channel.....	12
High Channel.....	13
FHSS#4 (DATARATE: 250KBPS)	13
Low Channel.....	13
Middle Channel.....	14
High Channel.....	14
APPENDIX C.3: TEST RESULTS OF CARRIER FREQUENCY SEPARATION	15
FHSS#1 (BANDWIDTH: 125KHz).....	15
Low Channel.....	15
Middle Channel.....	15
High Channel.....	16
FHSS#2 (DATARATE: 50KBPS)	16
Low Channel.....	16
Middle Channel.....	17
High Channel.....	17
FHSS#3 (DATARATE: 150KBPS)	18
Low Channel.....	18
Middle Channel.....	18
High Channel.....	19
FHSS#4 (DATARATE: 250KBPS)	19
Low Channel.....	19

Middle Channel.....	20
High Channel.....	20
APPENDIX C.4: TEST RESULTS OF NUMBER OF HOPPING FREQUENCY	21
FHSS#1 (BANDWIDTH: 125KHz).....	21
All hopping channels.....	21
FHSS#2 (Datarate: 50Kbps).....	21
All hopping channels.....	21
FHSS#3 (Datarate: 150Kbps).....	22
All hopping channels.....	22
FHSS#4 (Datarate: 250Kbps).....	22
All hopping channels.....	22
APPENDIX C.5: TEST RESULTS OF TIME OF OCCUPANCY	23
FHSS#1 (BANDWIDTH: 125KHz).....	23
FHSS#2 (Datarate: 50Kbps)	23
FHSS#3 (Datarate: 150Kbps)	24
FHSS#4 (Datarate: 250Kbps)	24
APPENDIX C.6: TEST RESULTS OF CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100 kHz BANDWIDTH.....	25
FHSS#1 (BANDWIDTH: 125KHz).....	25
Low Channel.....	25
Middle Channel.....	25
High Channel.....	26
Band Edge, Low Channel.....	27
Band Edge, High Channel.....	27
Band Edge, Hopping Mode, Low Channel.....	28
Band Edge, Hopping Mode, High Channle.....	28
FHSS#2 (Datarate: 50Kbps)	29
Low Channel.....	29
Middle Channel.....	29
High Channel.....	30
Band Edge, Low Channel.....	31
Band Edge, High Channel.....	31
Band Edge, Hopping Mode, Low Channel.....	32
Band Edge, Hopping Mode, High Channle.....	32
FHSS#3 (Datarate: 150Kbps)	33
Low Channel.....	33
Middle Channel.....	33
High Channel.....	34
Band Edge, Low Channel.....	35
Band Edge, High Channel.....	35
Band Edge, Hopping Mode, Low Channel.....	36
Band Edge, Hopping Mode, High Channle.....	36
FHSS#4 (Datarate: 250Kbps)	37
Low Channel.....	37
Middle Channel.....	37
High Channel.....	38
Band Edge, Low Channel.....	39
Band Edge, High Channel.....	39
Band Edge, Hopping Mode, Low Channel.....	40
Band Edge, Hopping Mode, High Channle.....	40

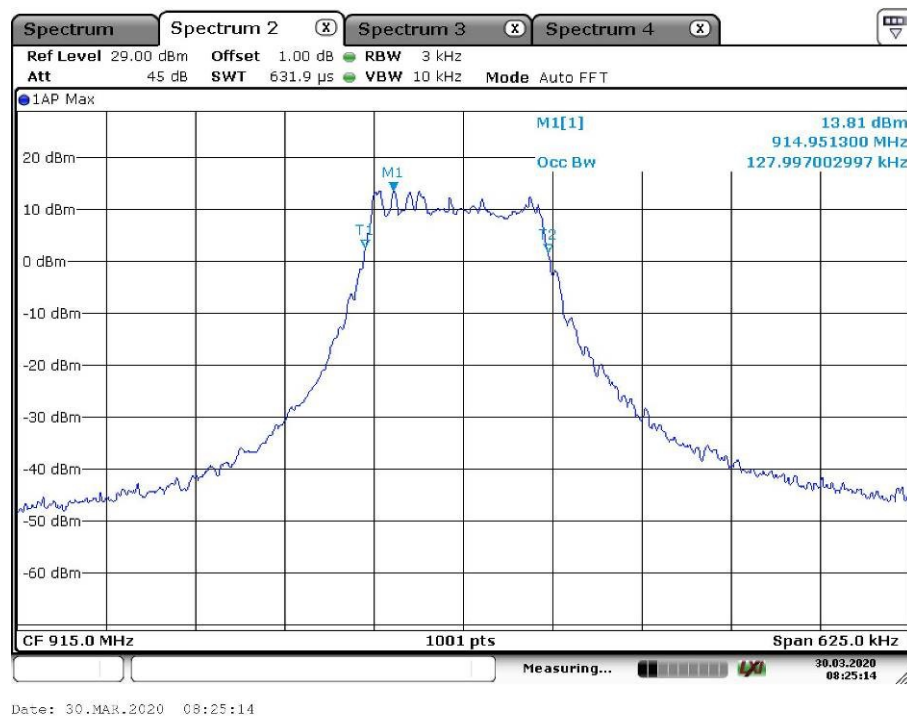
Appendix C.1: Test Results of 99% Bandwidth

FHSs#1 (Bandwidth: 125KHz)

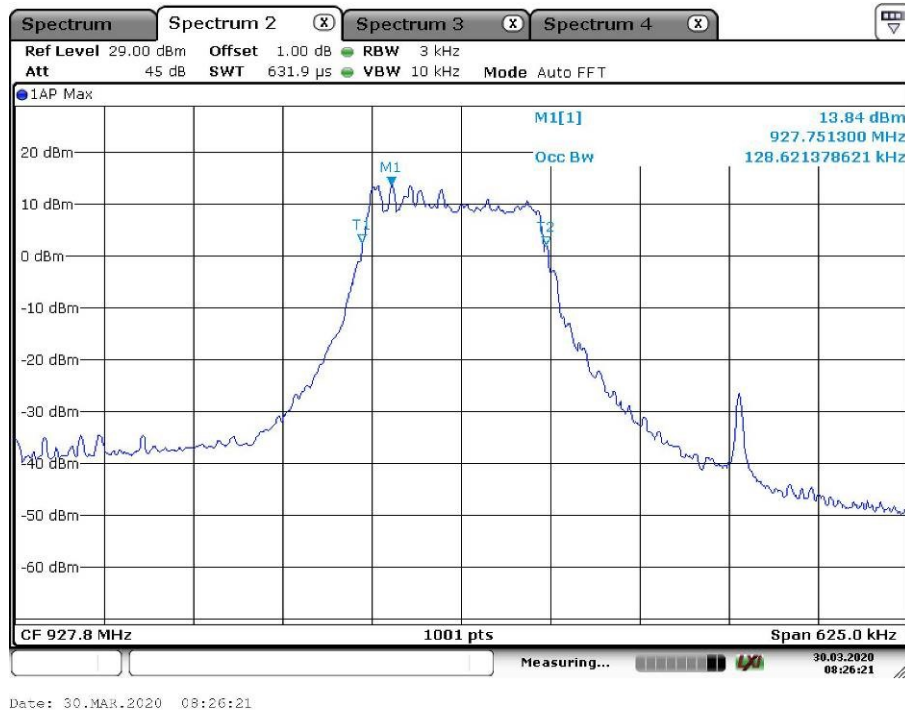
Low Channel



Middle Channel

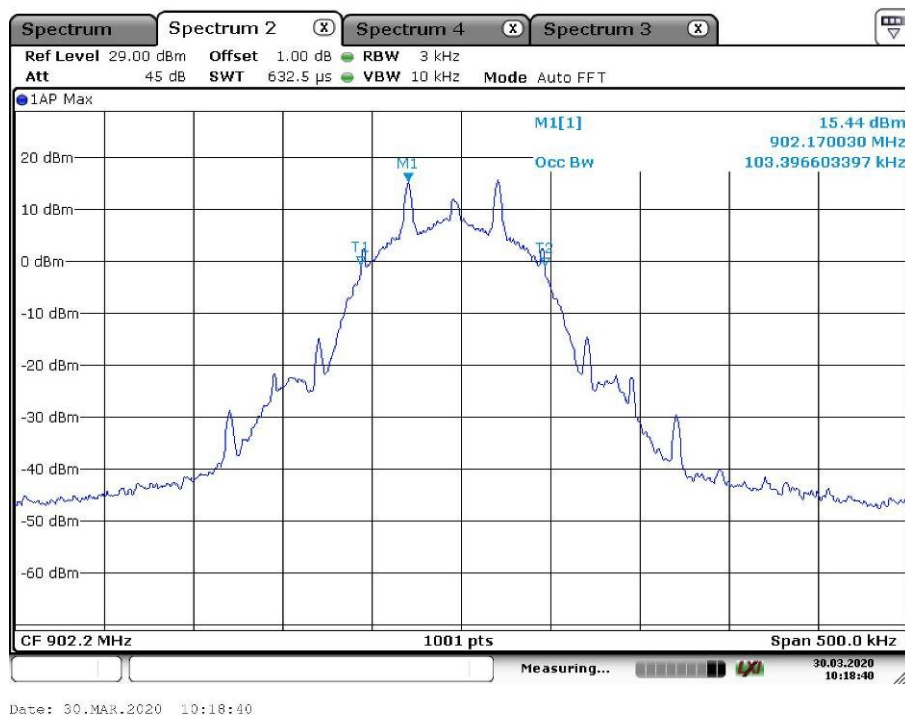


High Channel

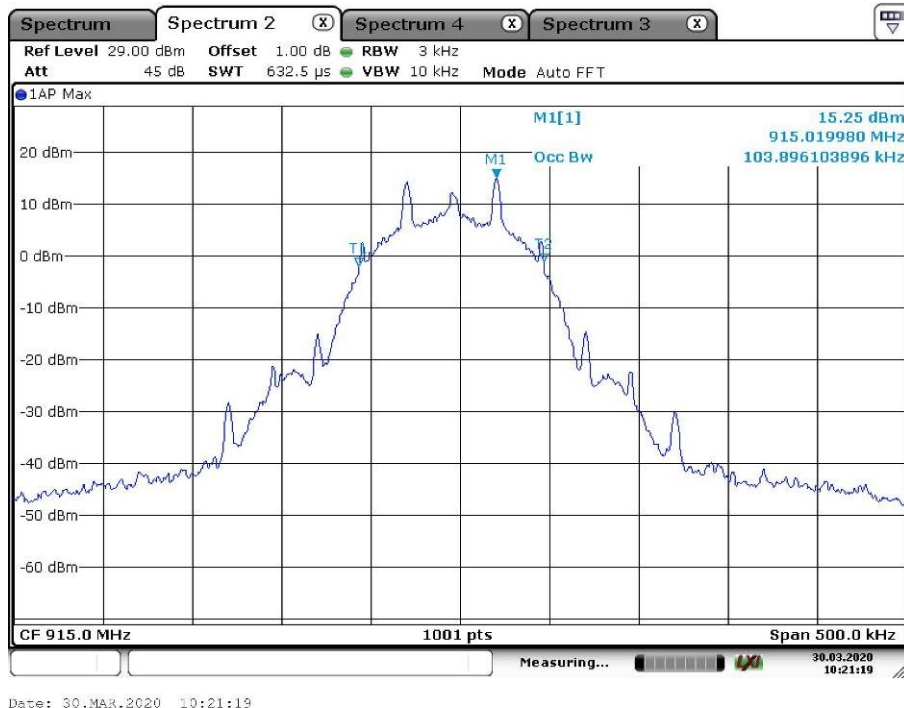


FHSs#2 (DataRate: 50Kbps)

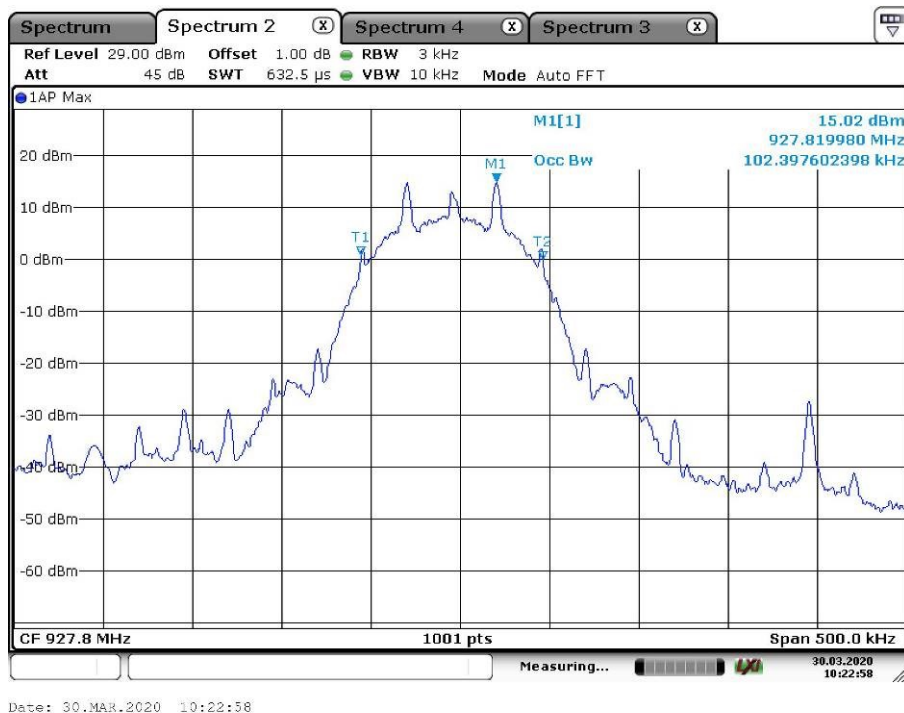
Low Channel



Middle Channel

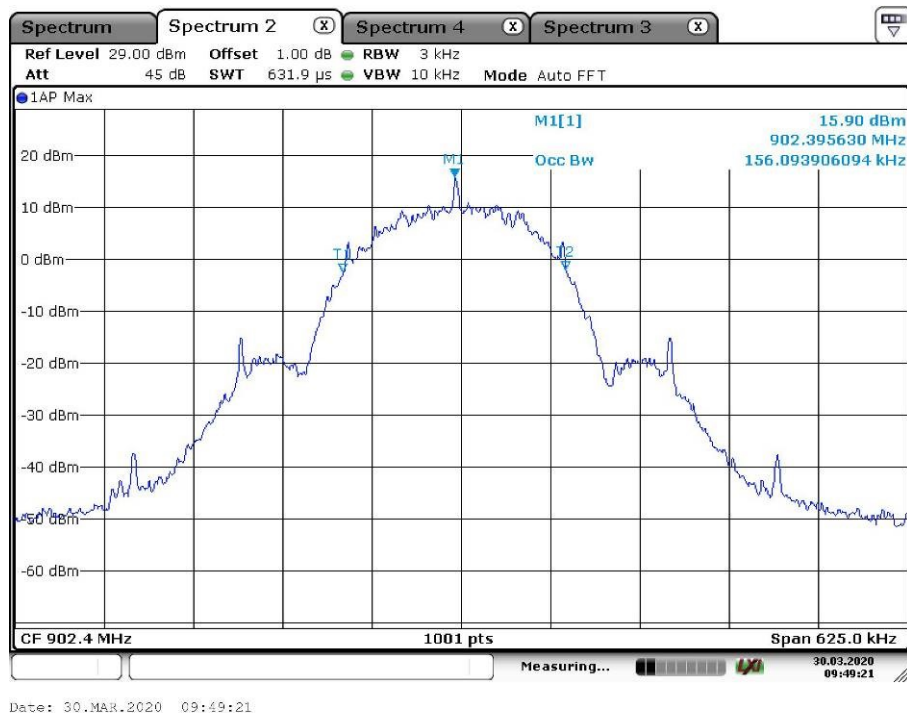


High Channel

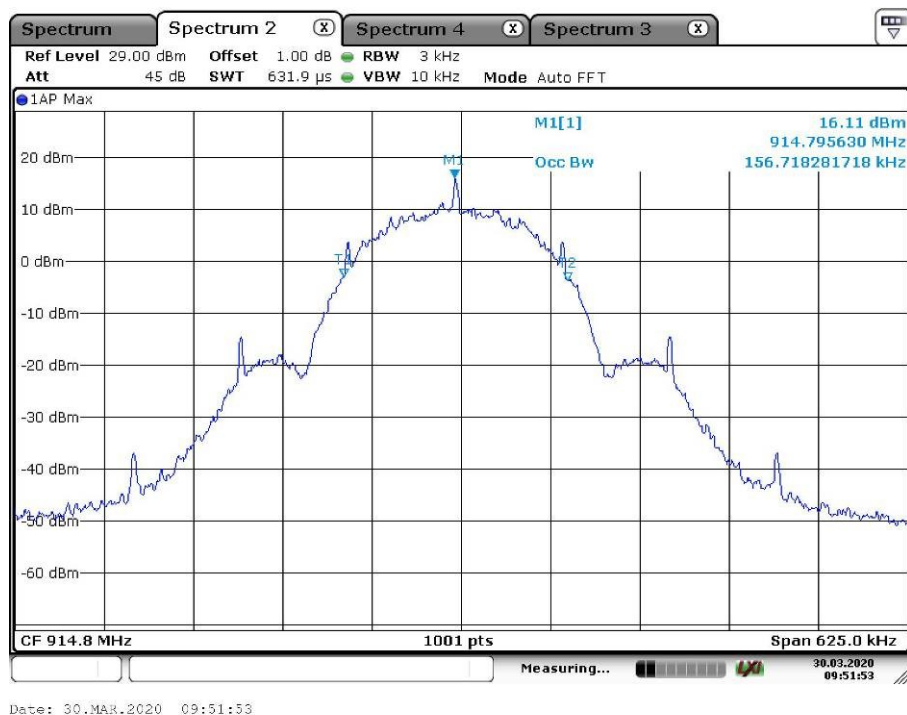


FHSs#3 (DataRate: 150Kbps)

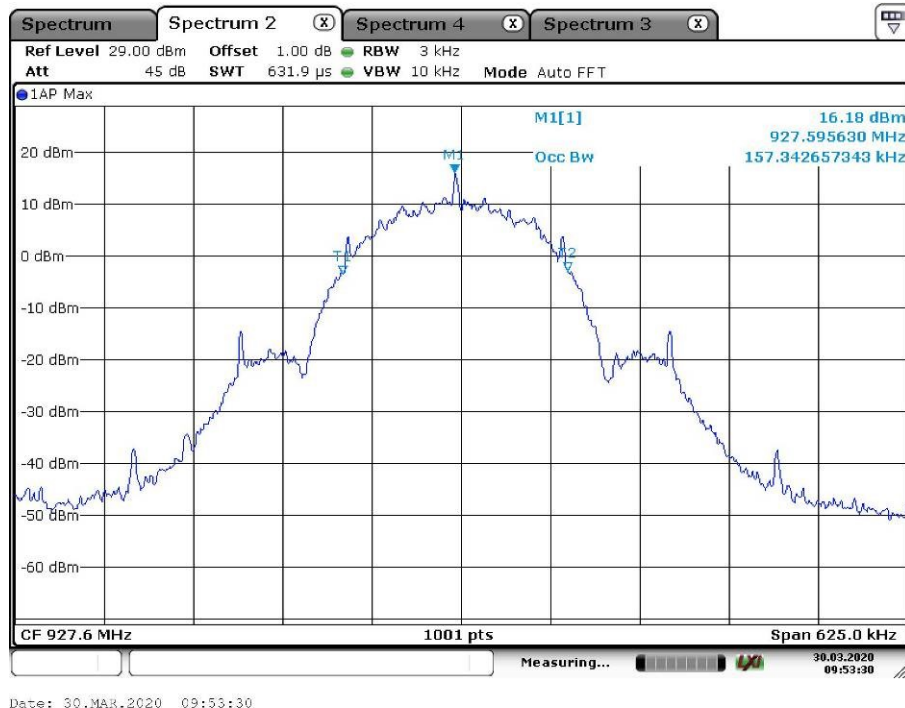
Low Channel



Middle Channel

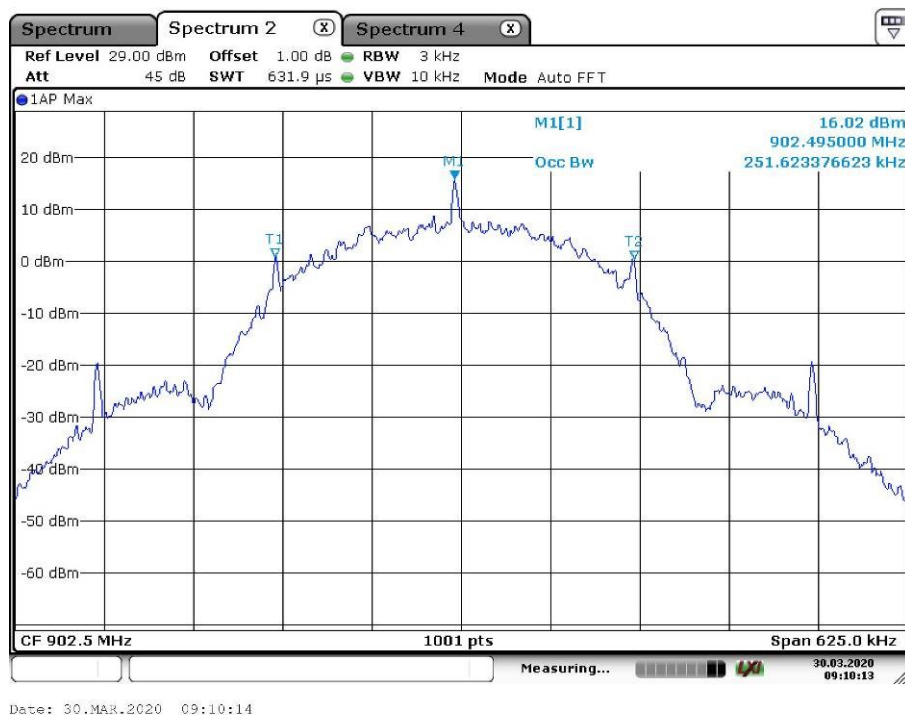


High Channel

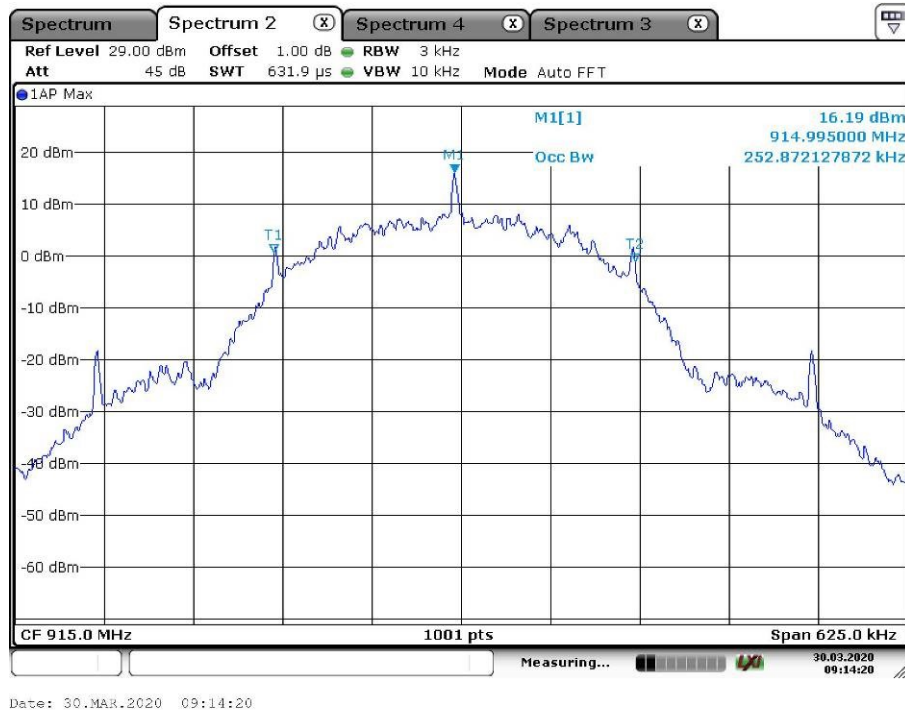


FHSs#4 (DataRate: 250Kbps)

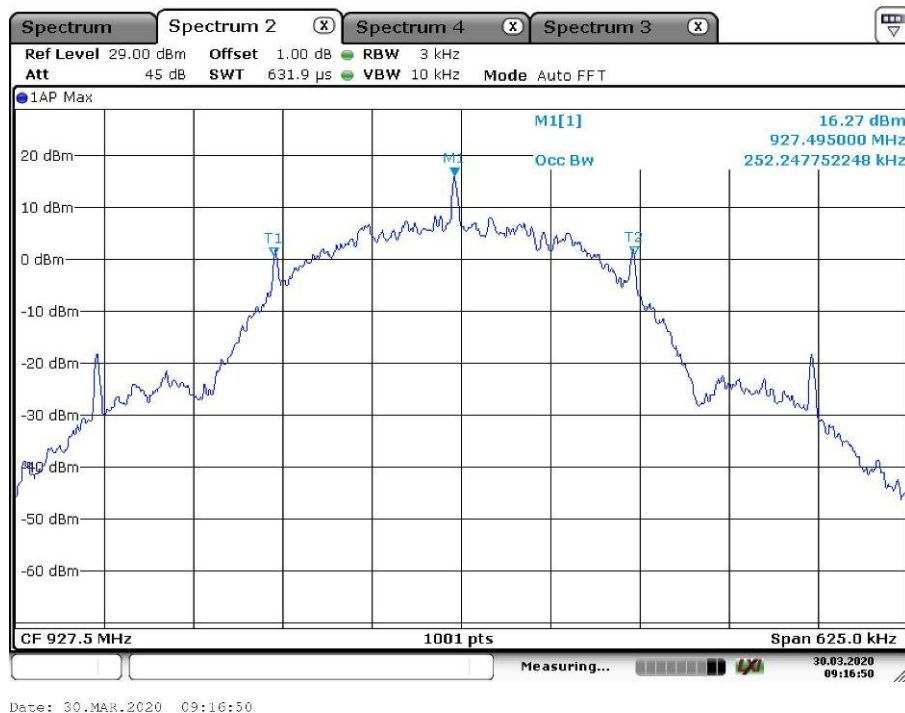
Low Channel



Middle Channel



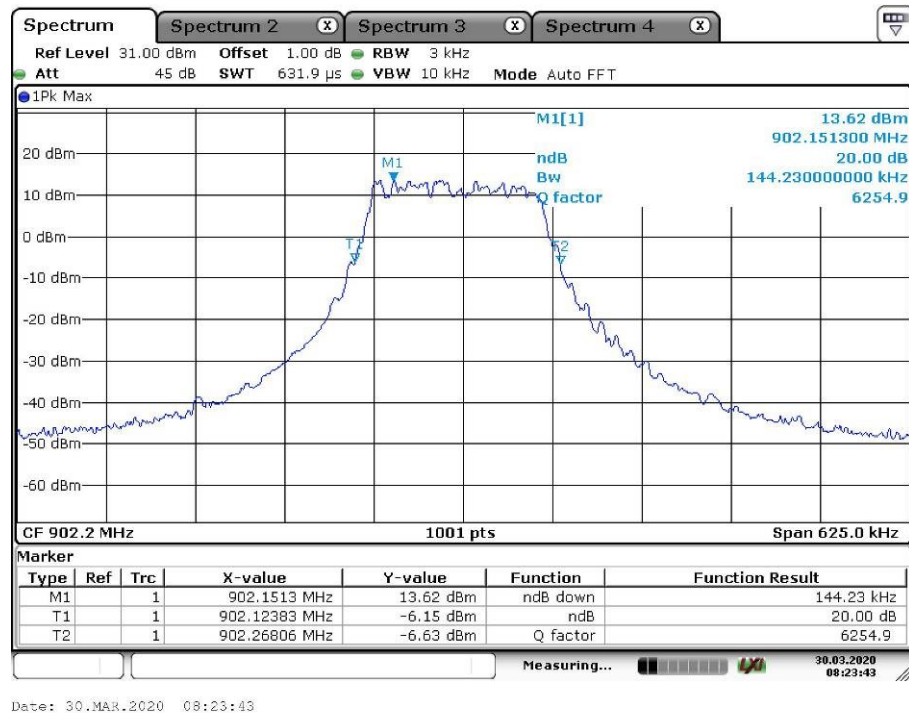
High Channel



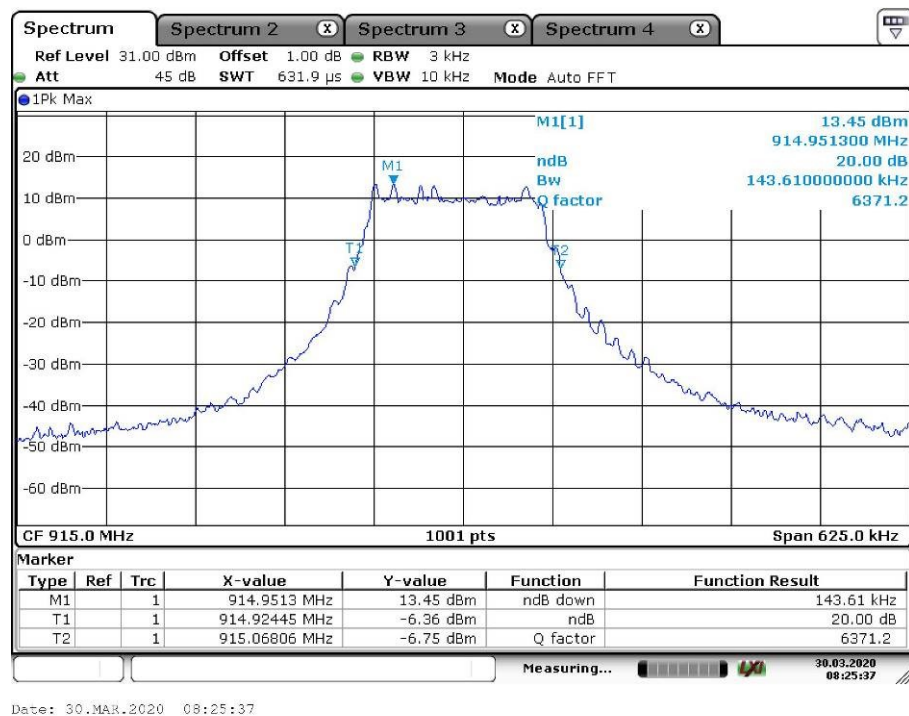
Appendix C.2: Test Results of 20dB Bandwidth

FHSs#1 (Bandwidth: 125KHz)

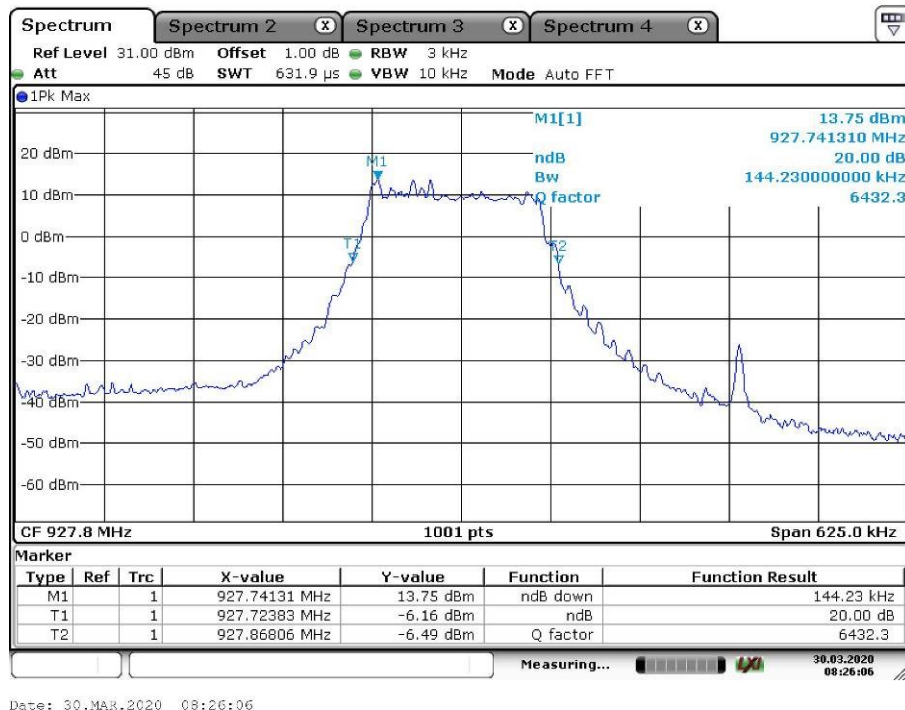
Low Channel



Middle Channel

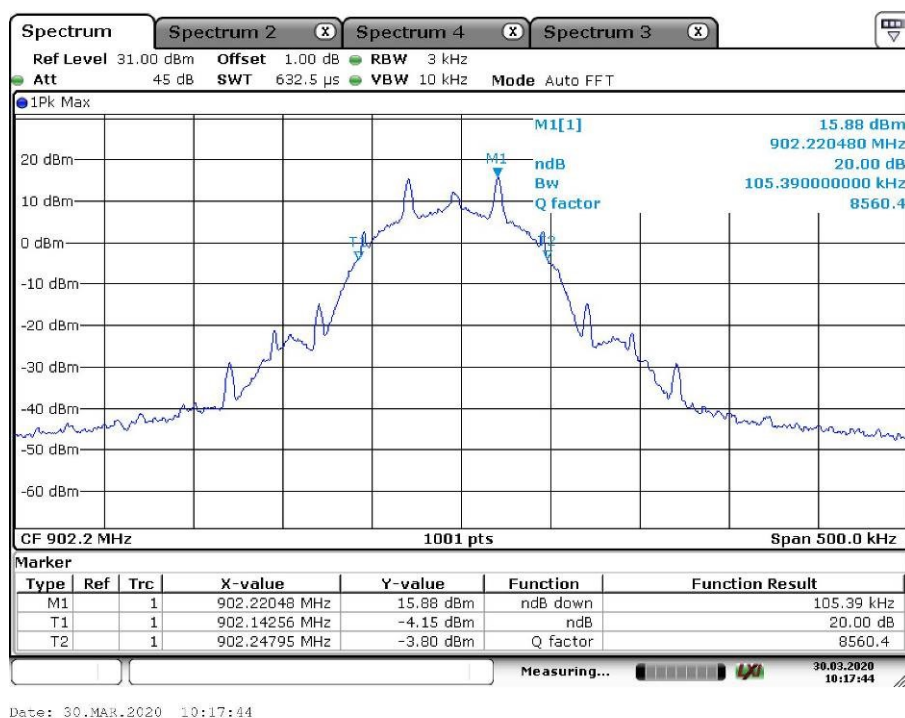


High Channel

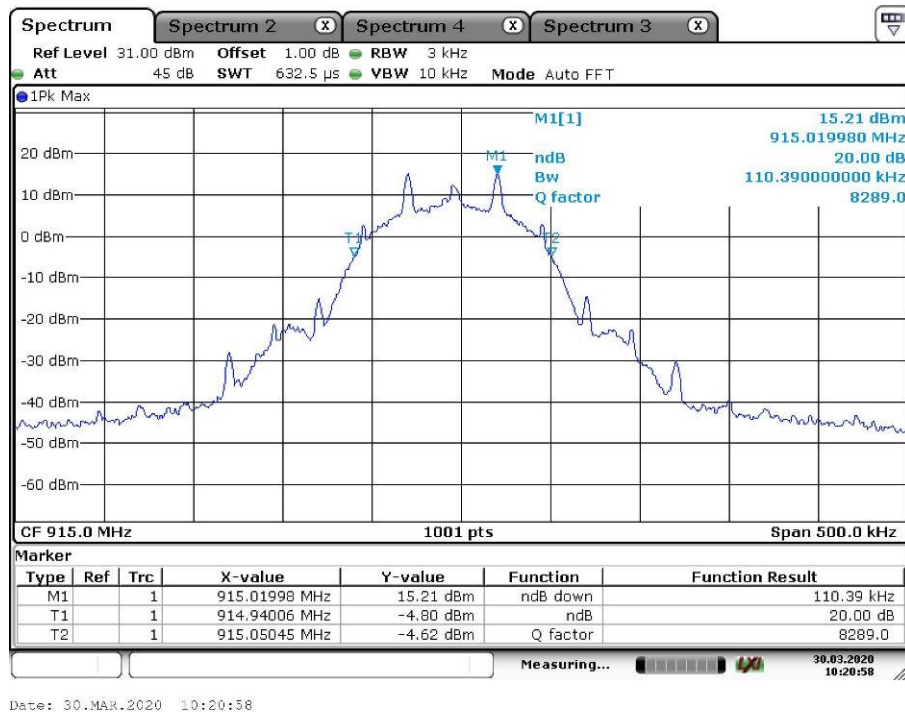


FHSs#2 (DataRate: 50Kbps)

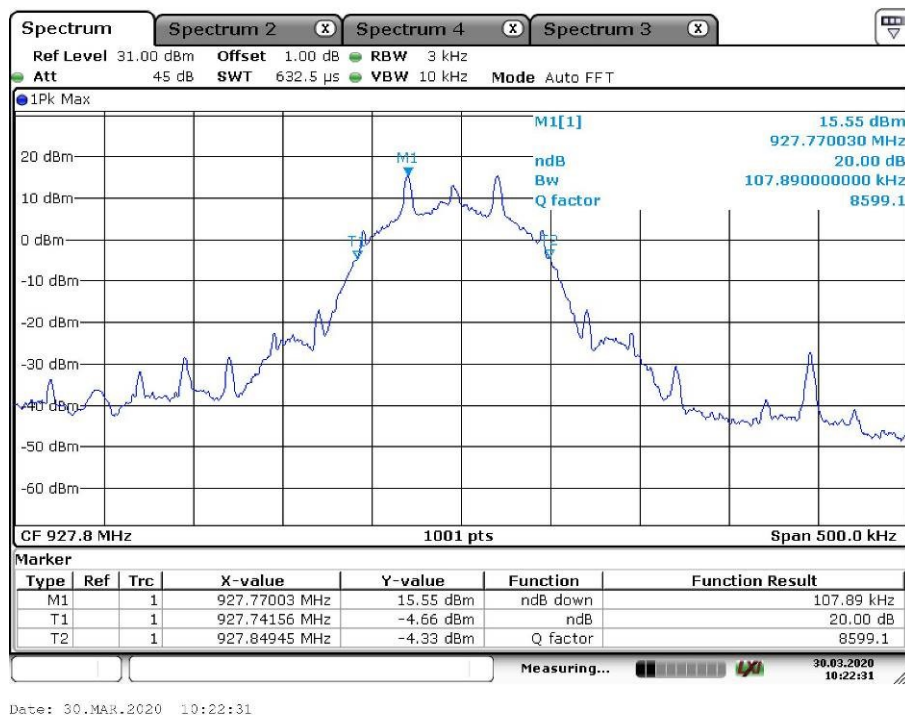
Low Channel



Middle Channel

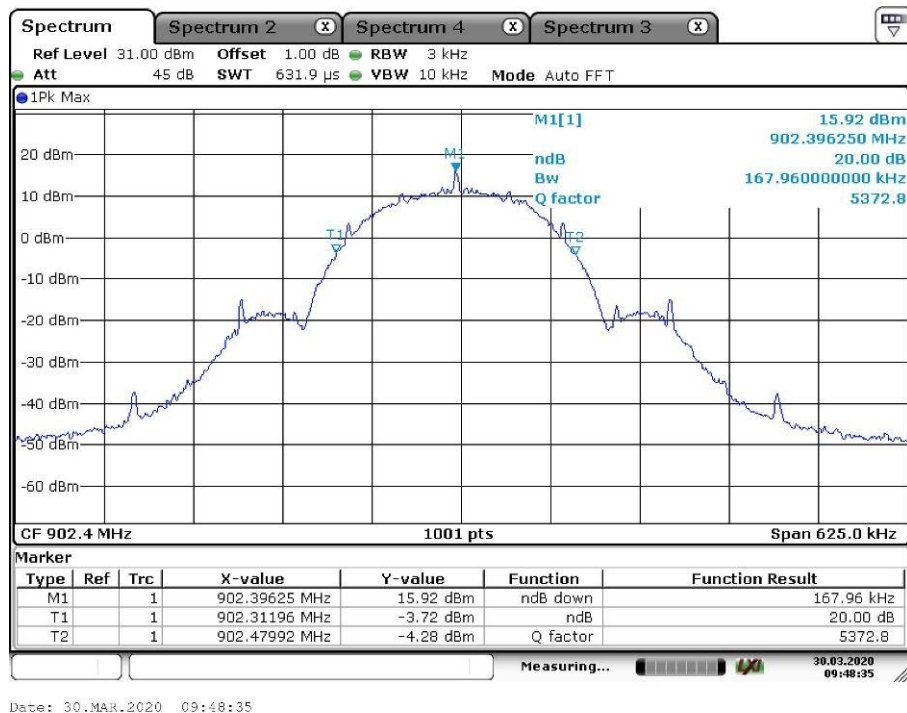


High Channel

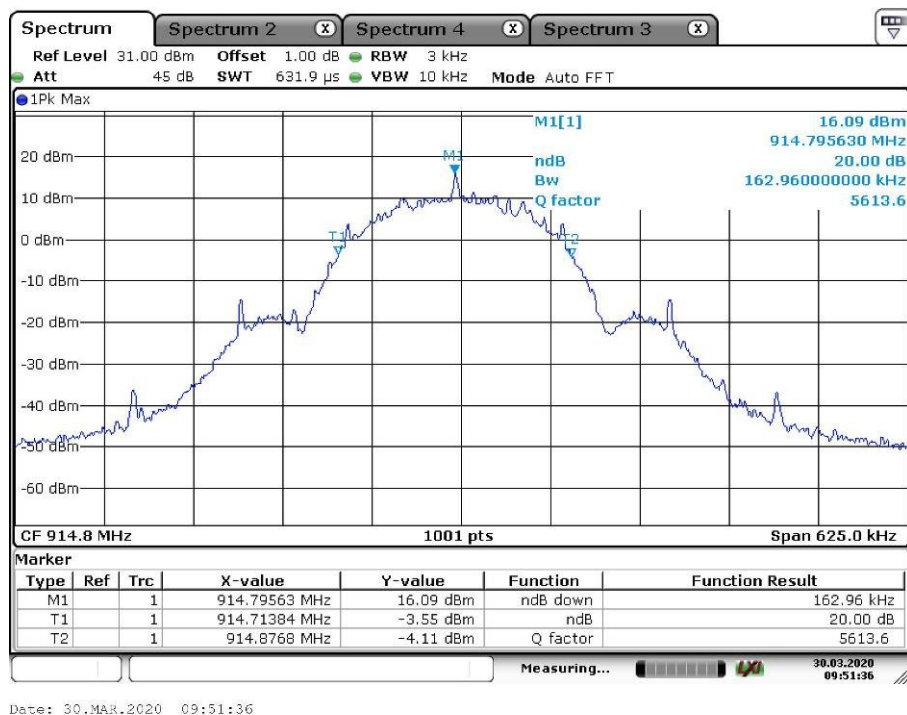


FHSs#3 (DataRate: 150Kbps)

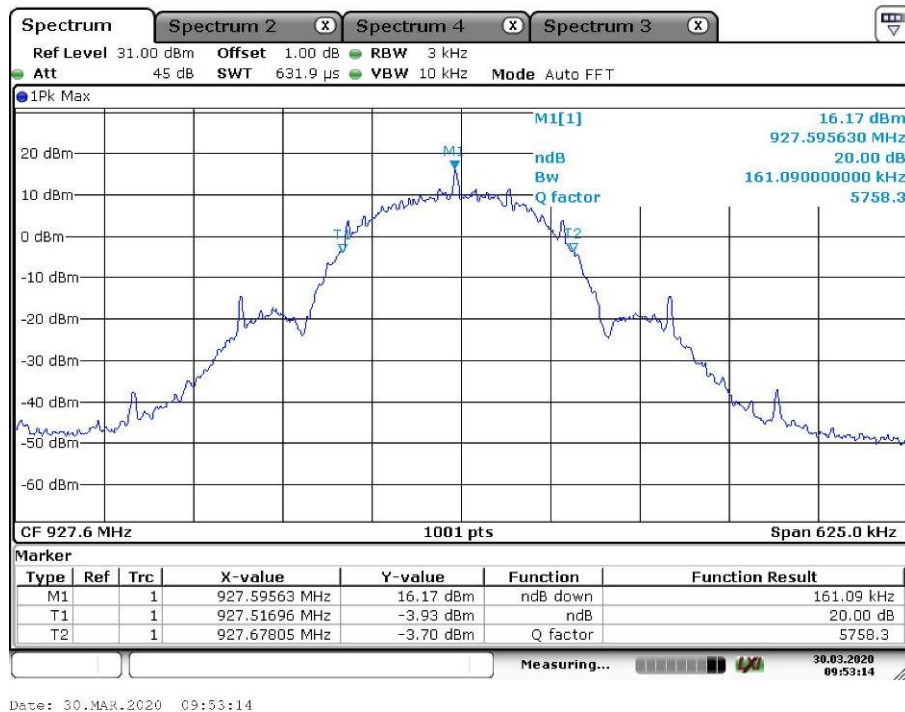
Low Channel



Middle Channel

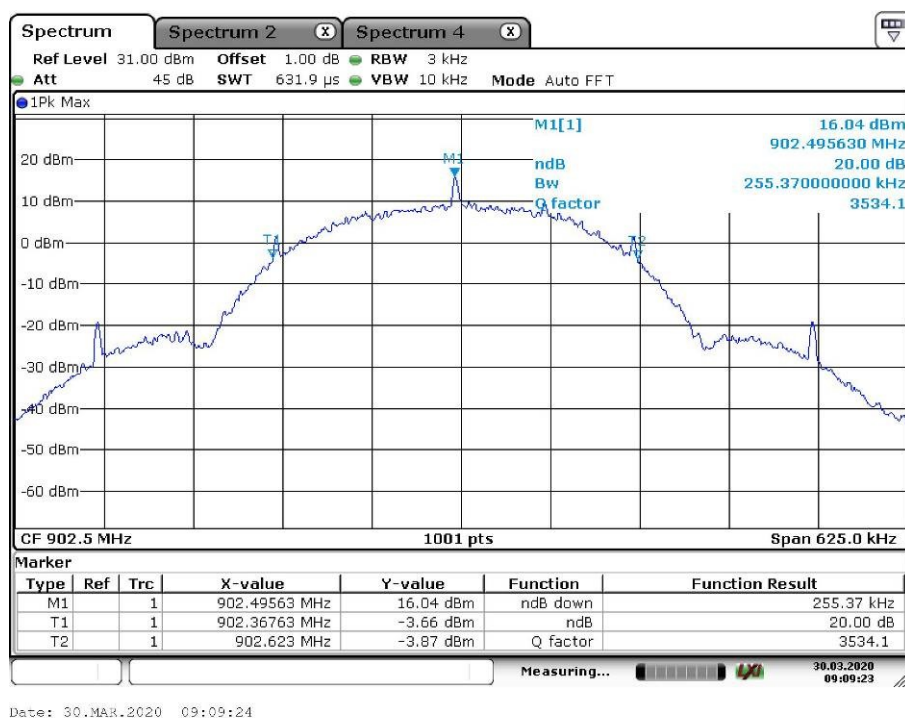


High Channel

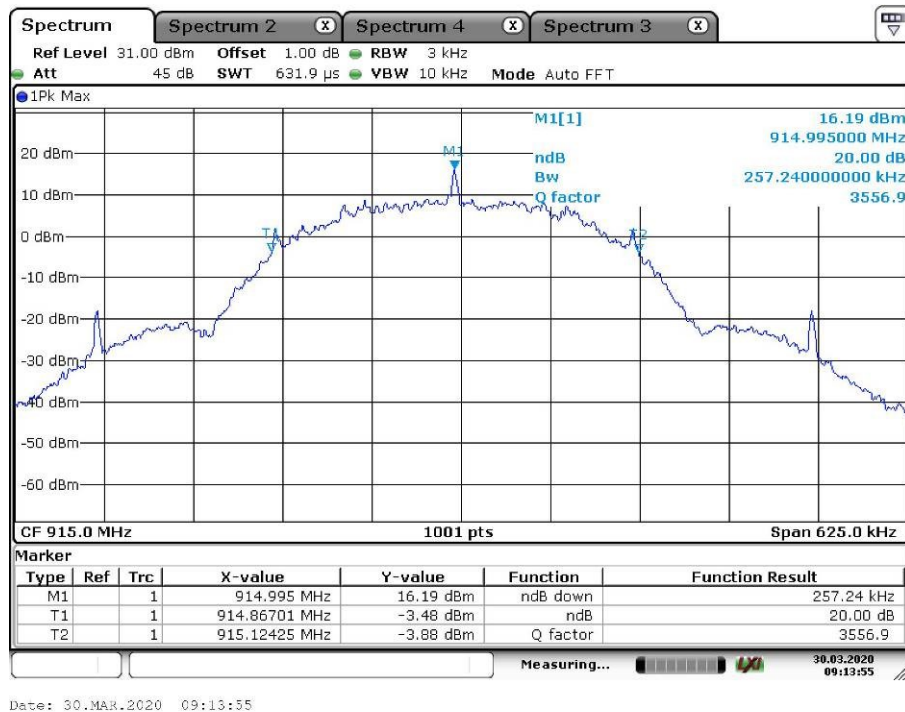


FHSs#4 (DataRate: 250Kbps)

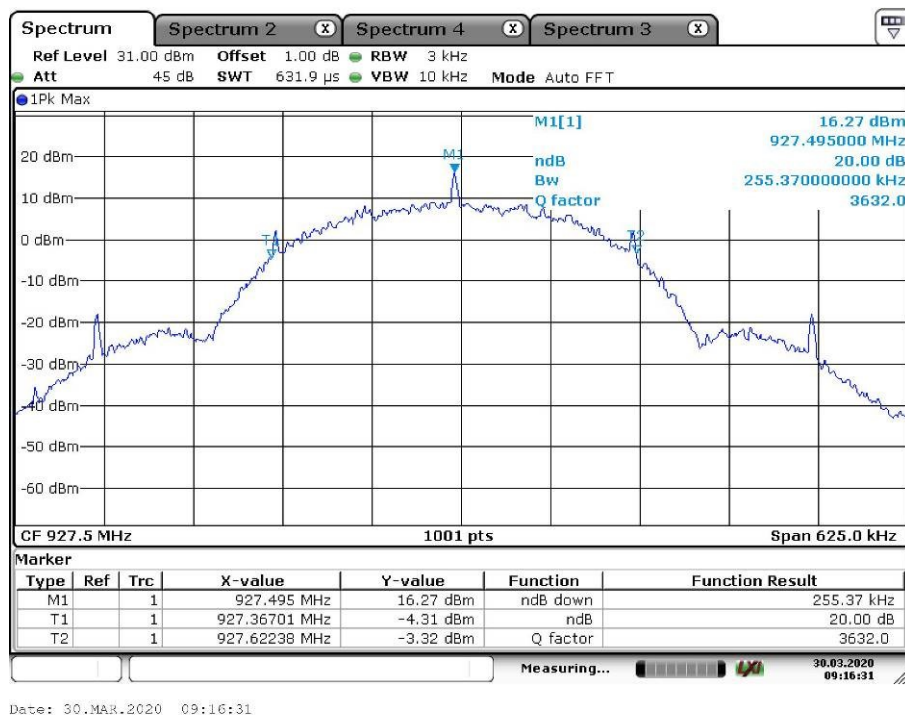
Low Channel



Middle Channel



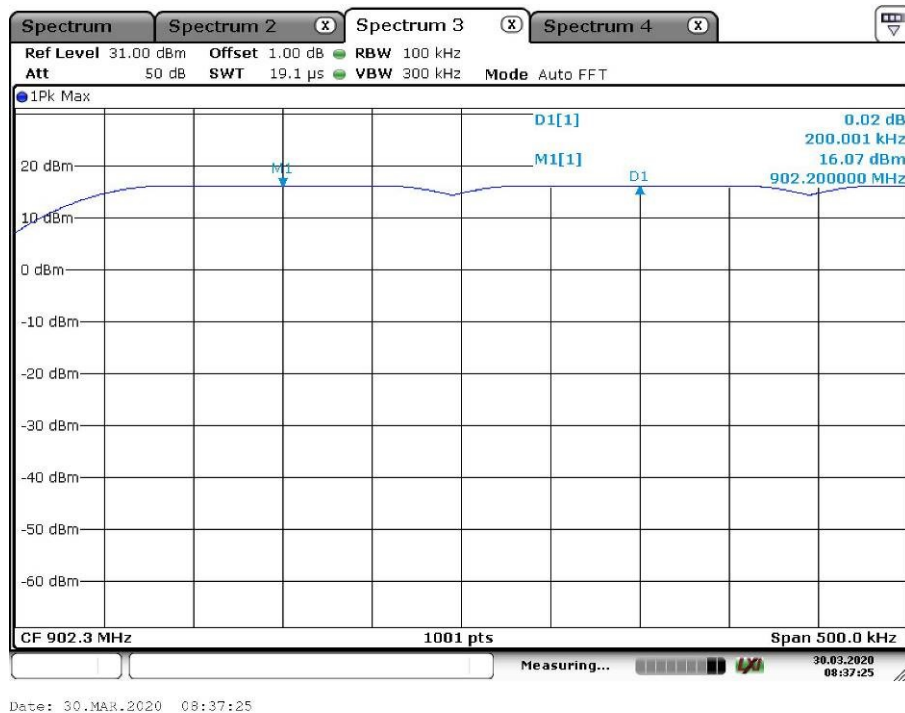
High Channel



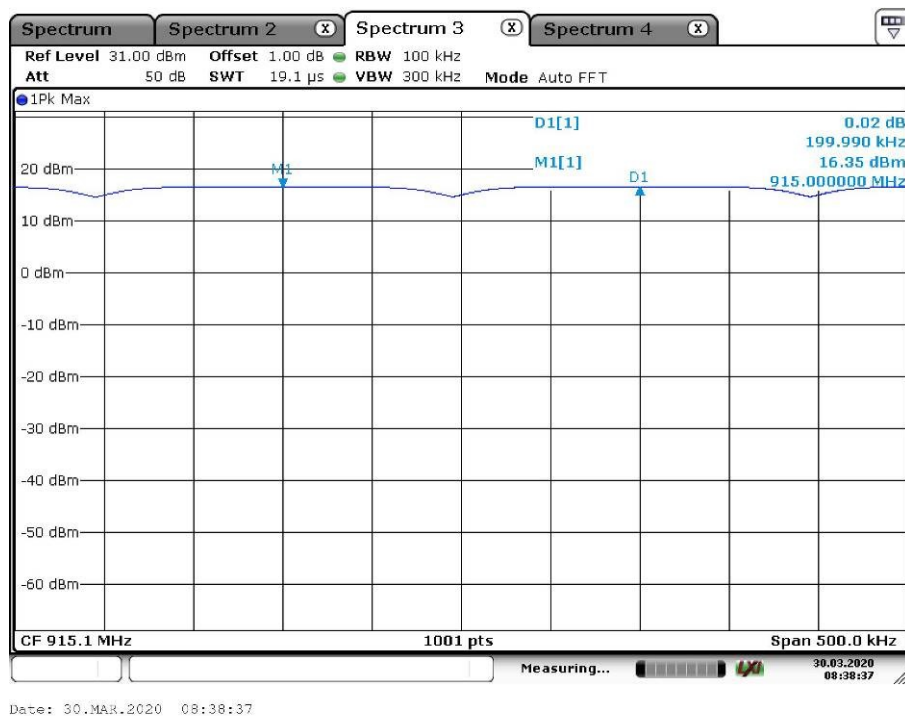
Appendix C.3: Test Results of Carrier Frequency Separation

FHSs#1 (Bandwidth: 125KHz)

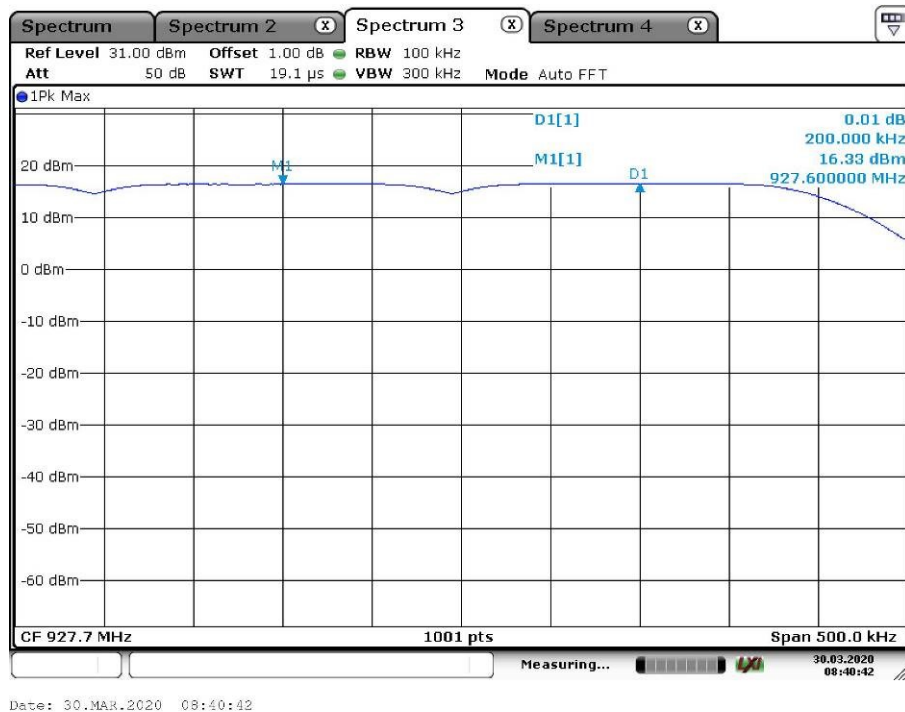
Low Channel



Middle Channel

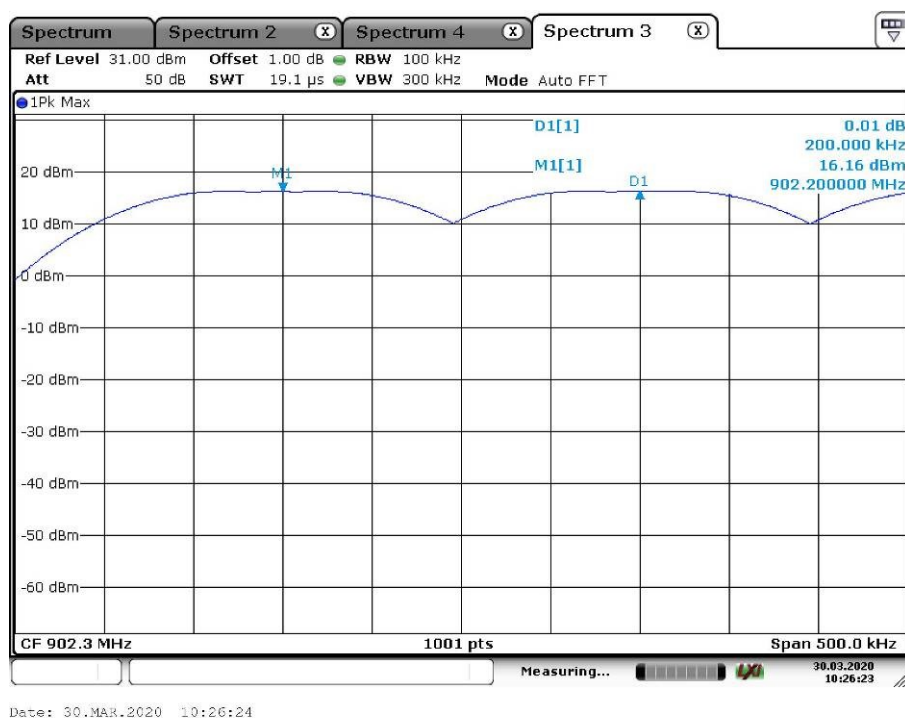


High Channel

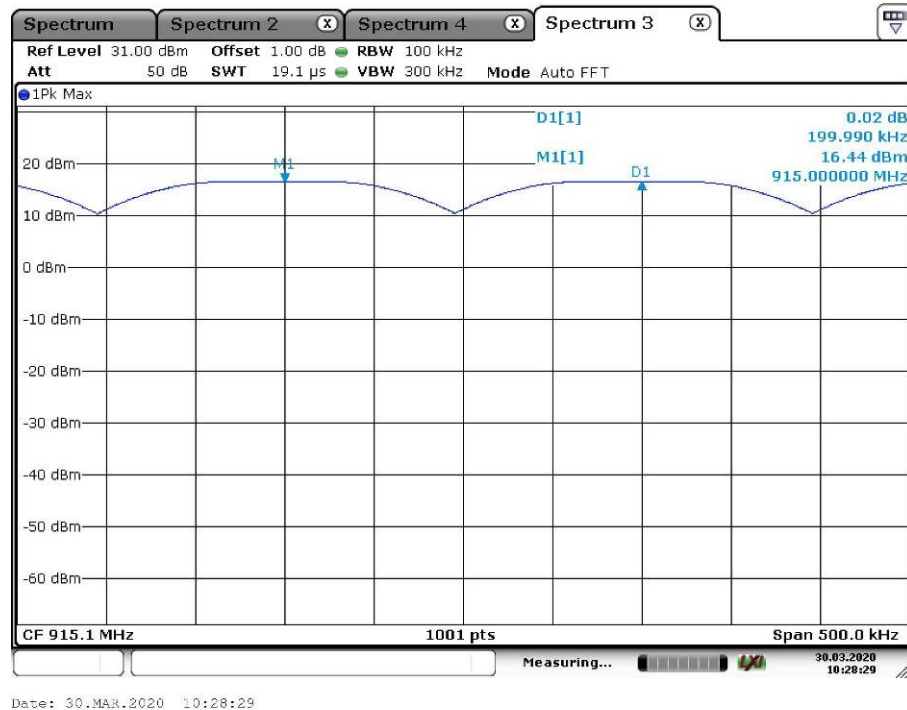


FHSs#2 (DataRate: 50Kbps)

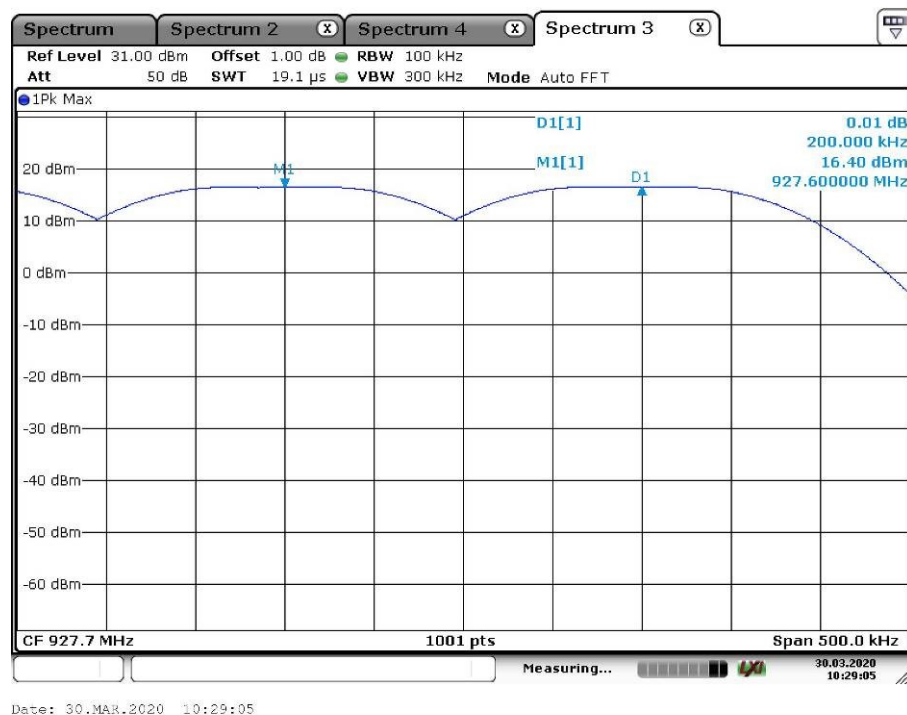
Low Channel



Middle Channel

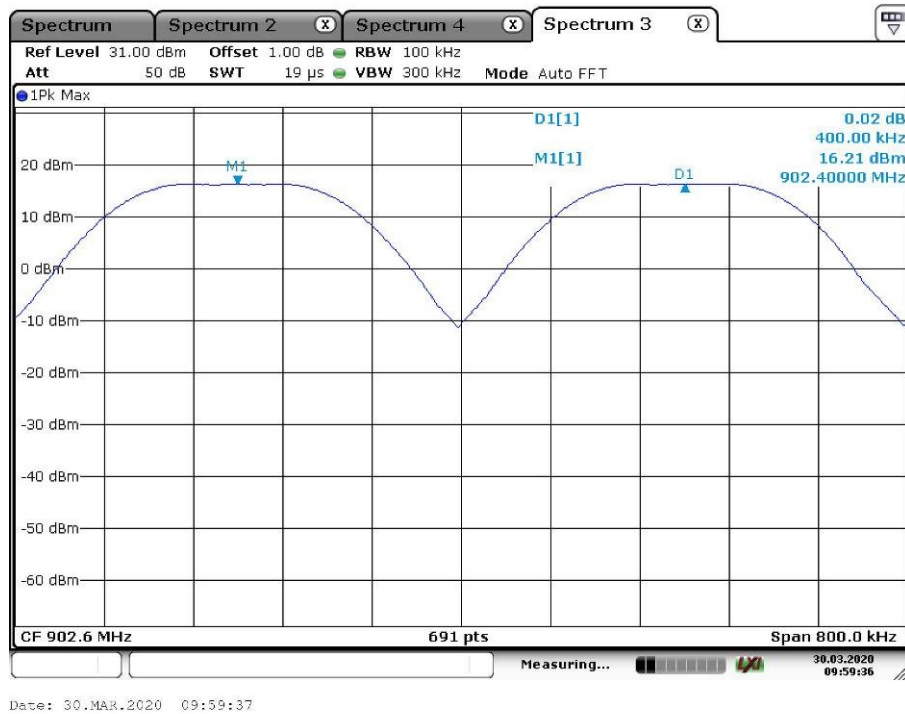


High Channel

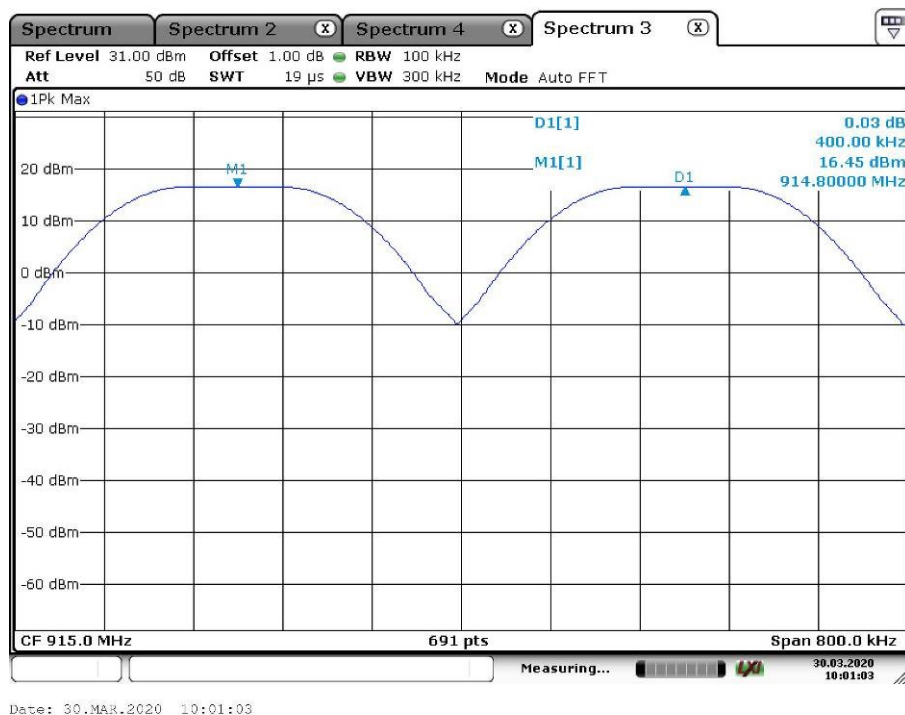


FHSs#3 (DataRate: 150Kbps)

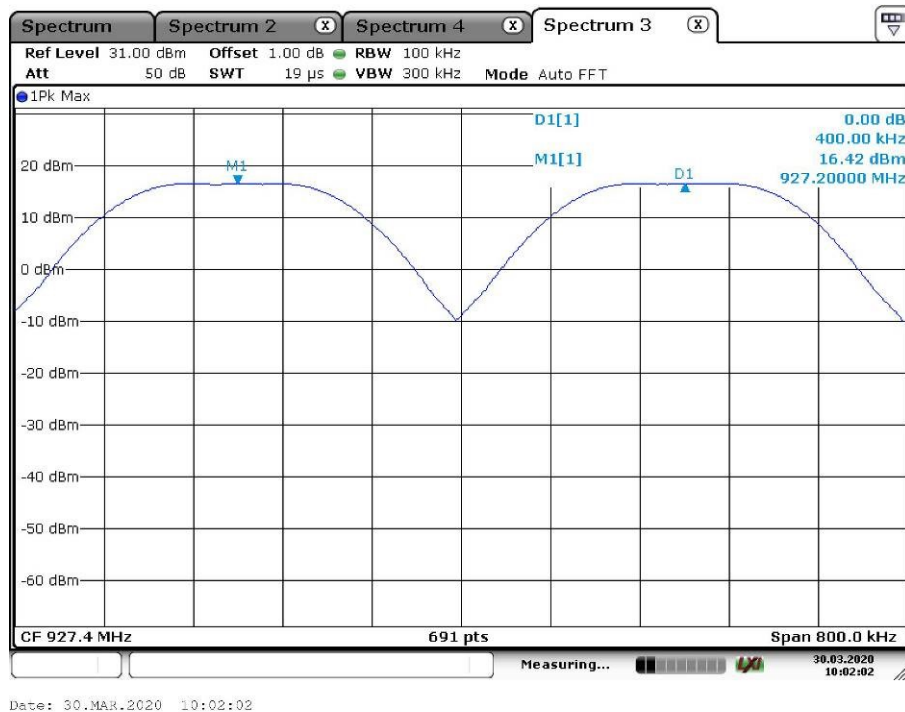
Low Channel



Middle Channel

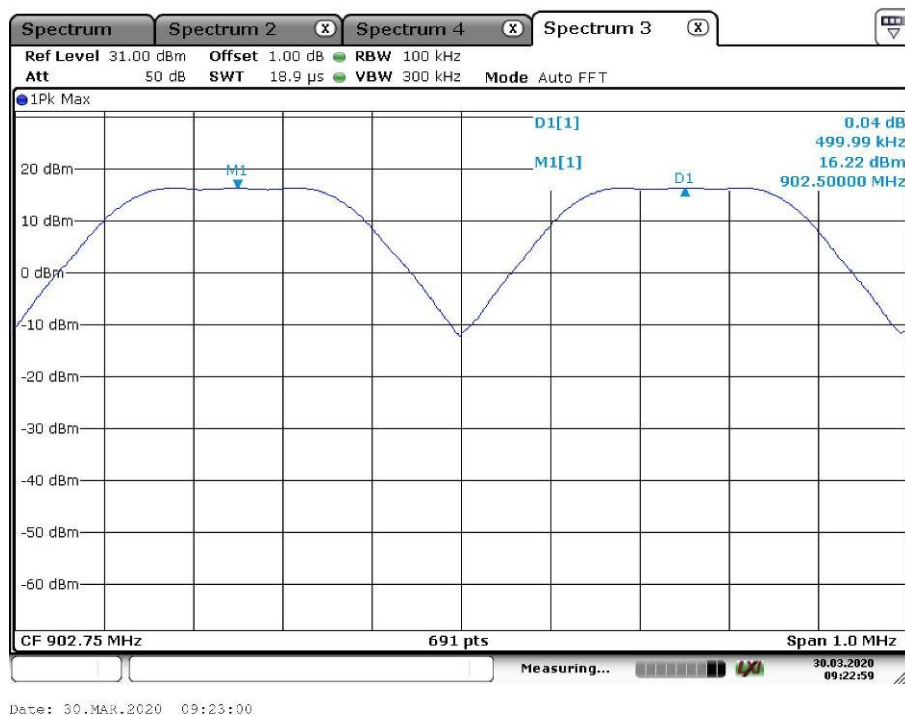


High Channel

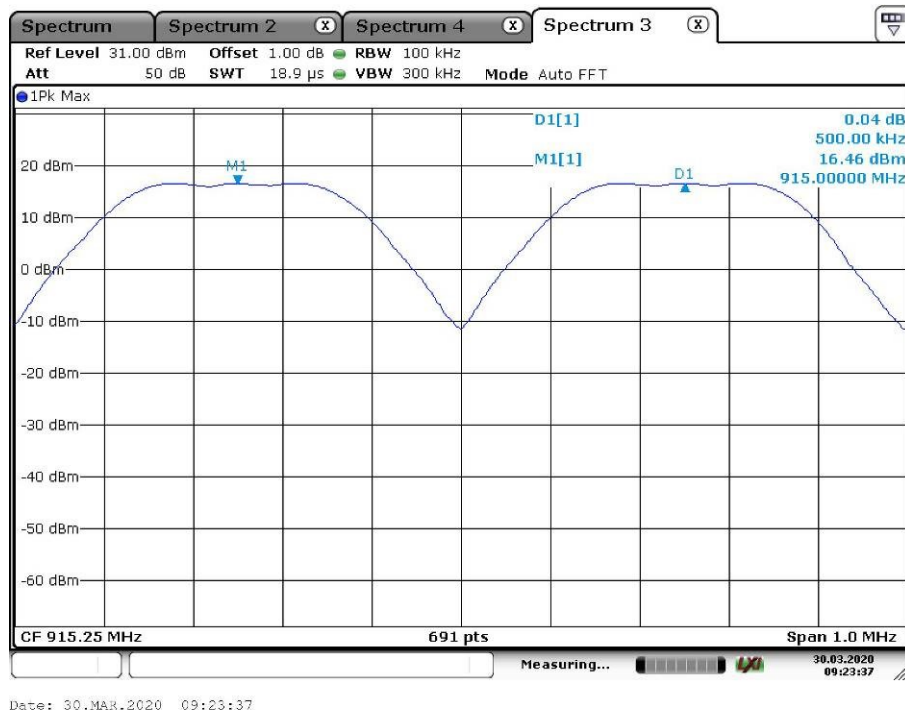


FHSs#4 (DataRate: 250Kbps)

Low Channel



Middle Channel



High Channel

