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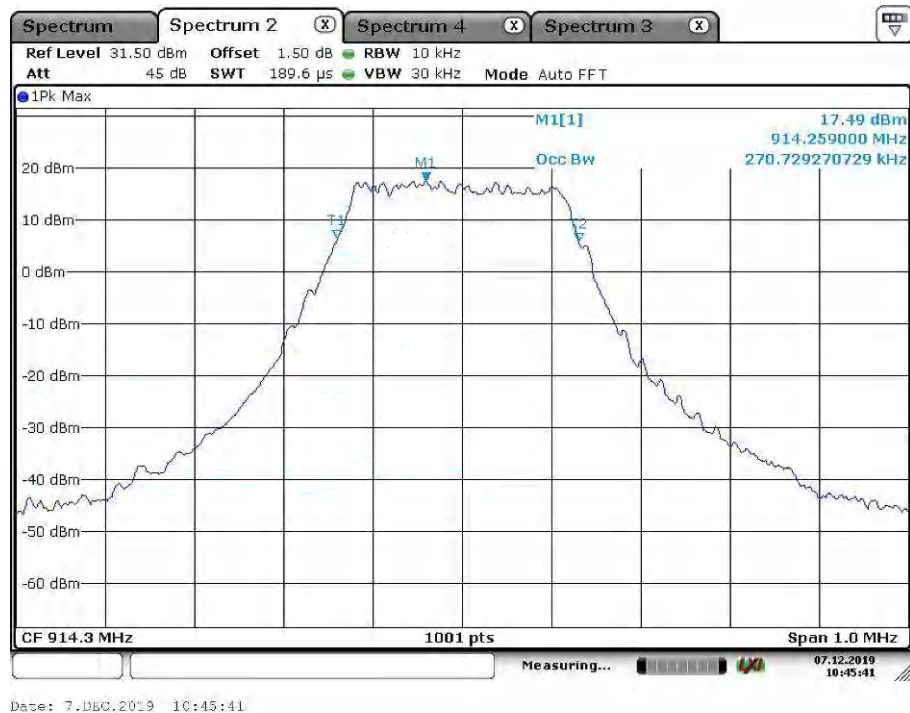
Appendix C.1: Test Results of 99% Bandwidth

FHSs#1 (Bandwidth: 250KHz)

Low Channel



Middle Channel

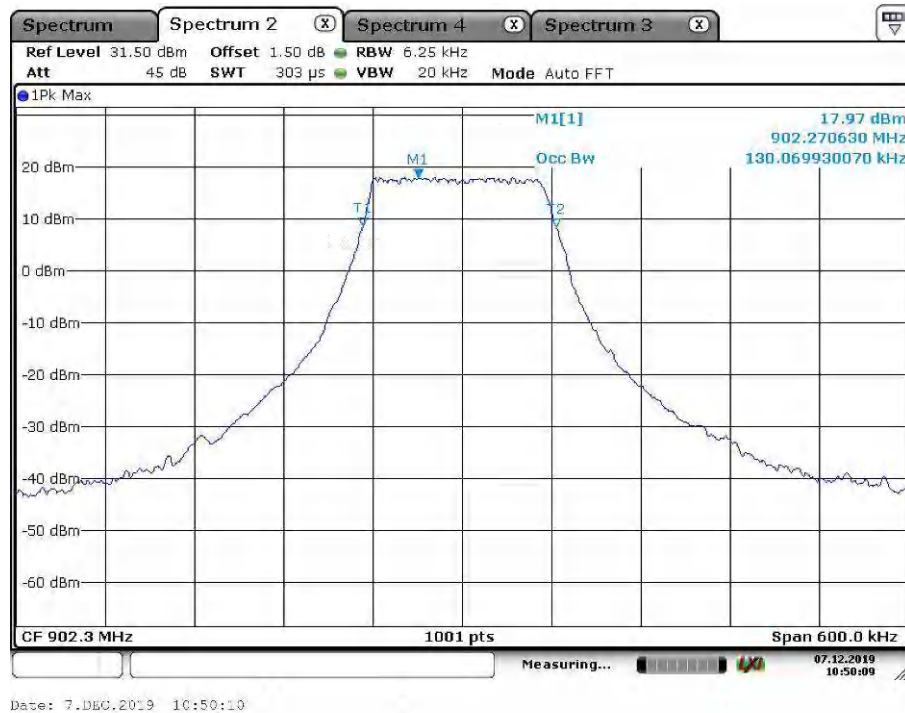


High Channel

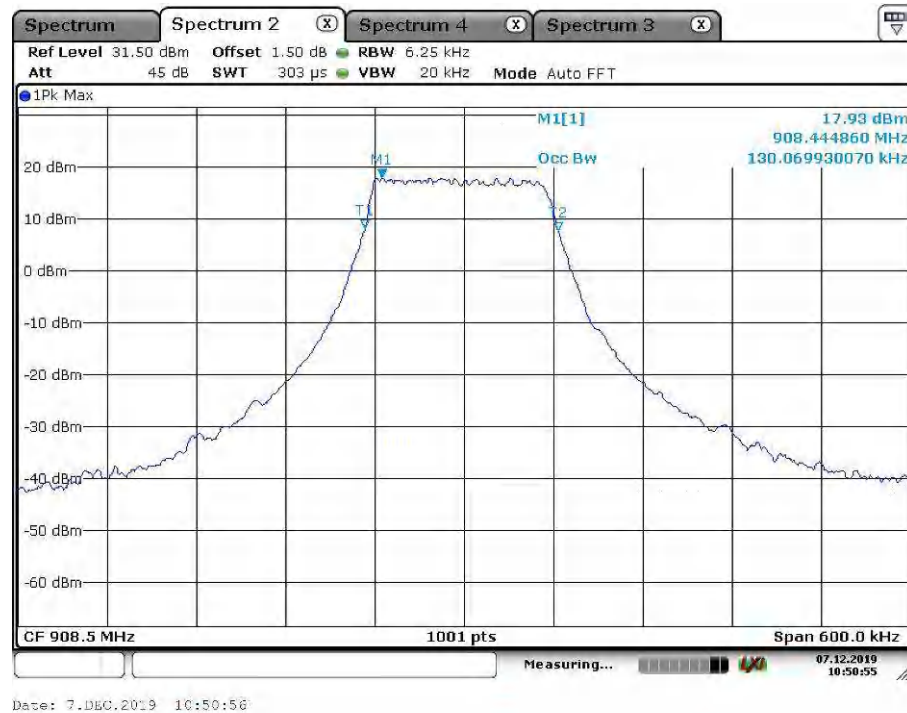


FHSs#2 (Bandwidth: 125KHz)

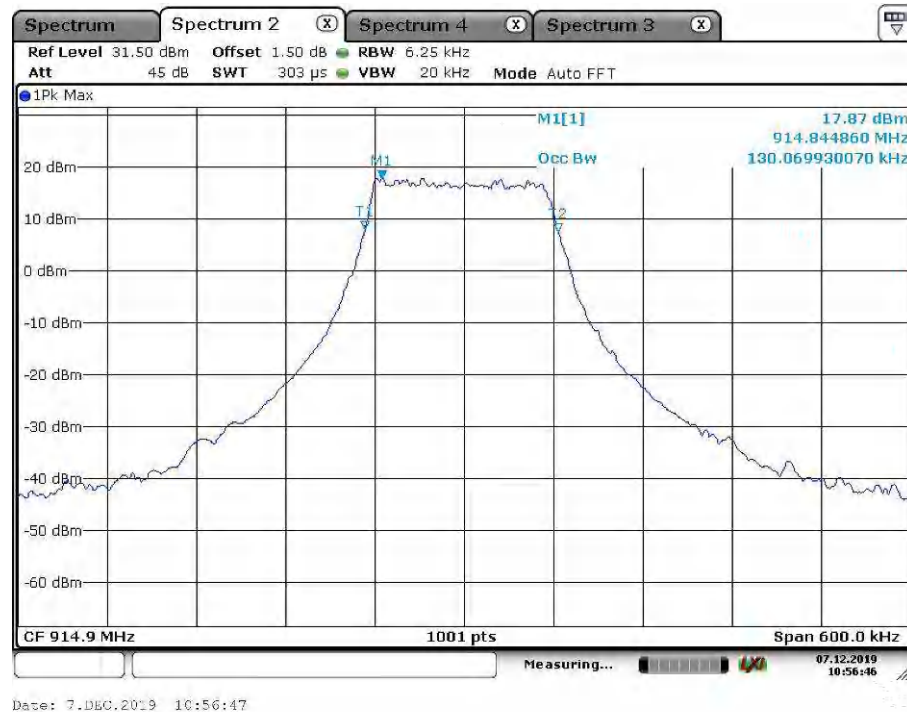
Low Channel



Middle Channel

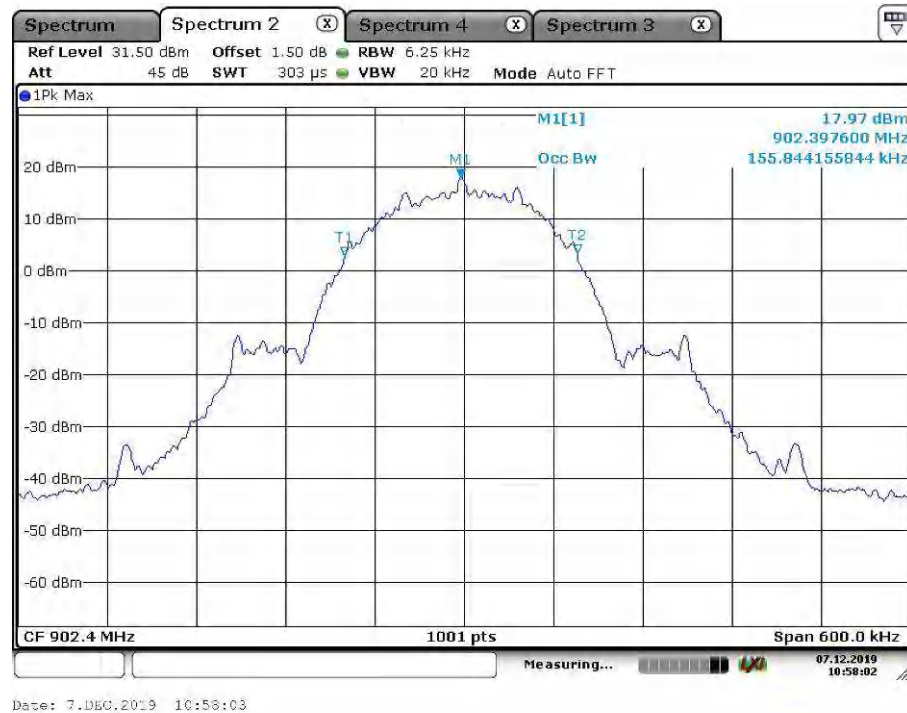


High Channel

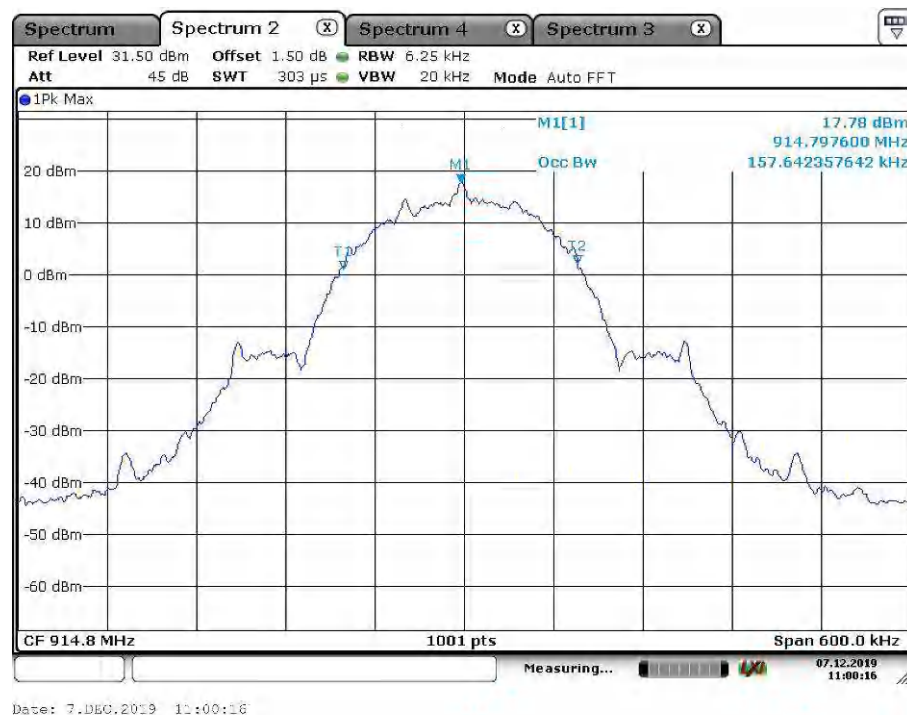


FHSs#3 (DataRate: 150Kbps)

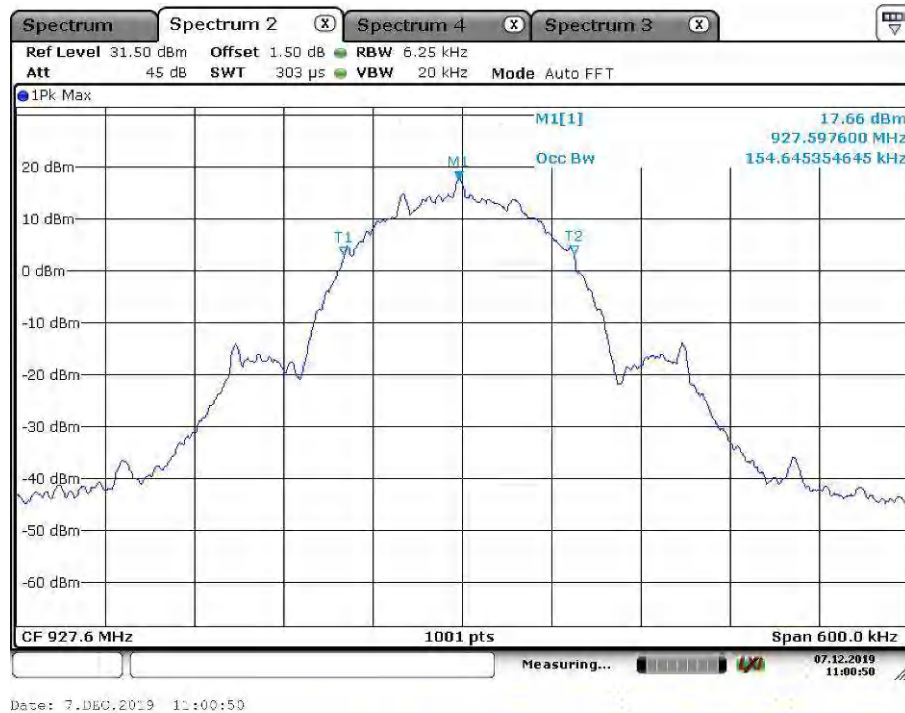
Low Channel



Middle Channel



High Channel

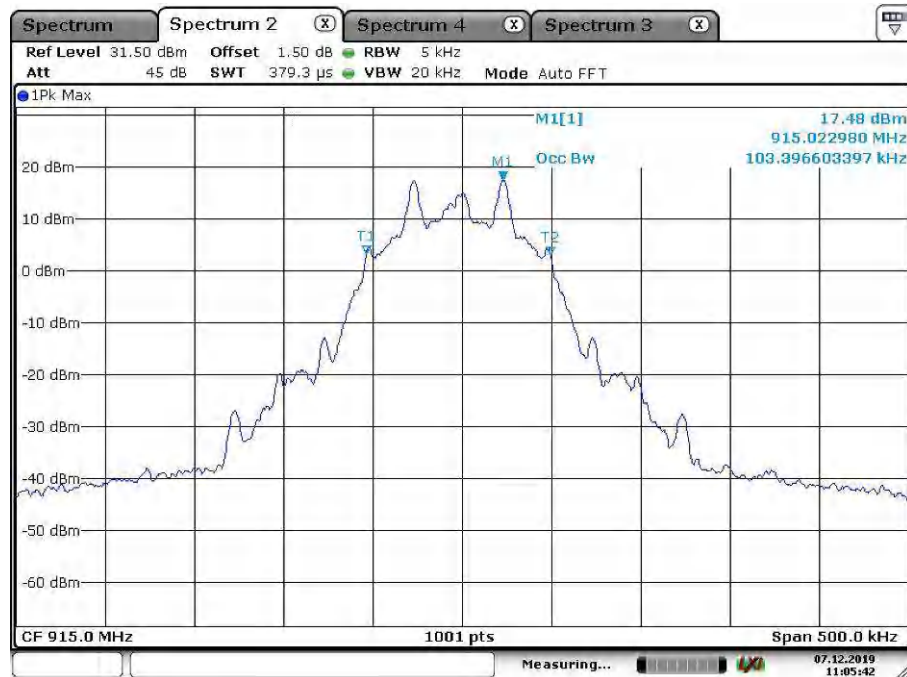


FHSS#4 (DataRate: 50Kbps)

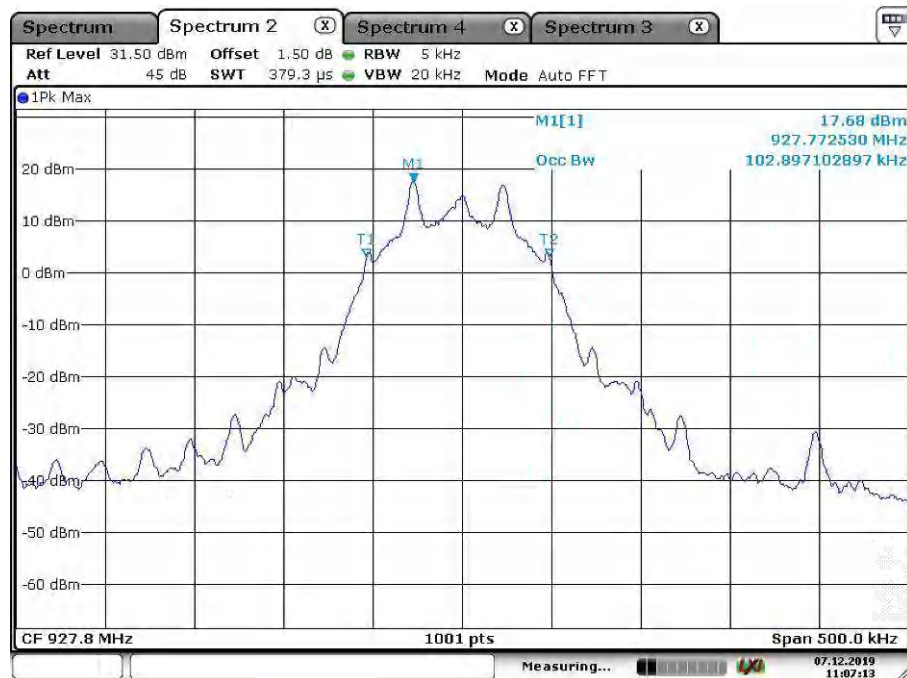
Low Channel



Middle Channel

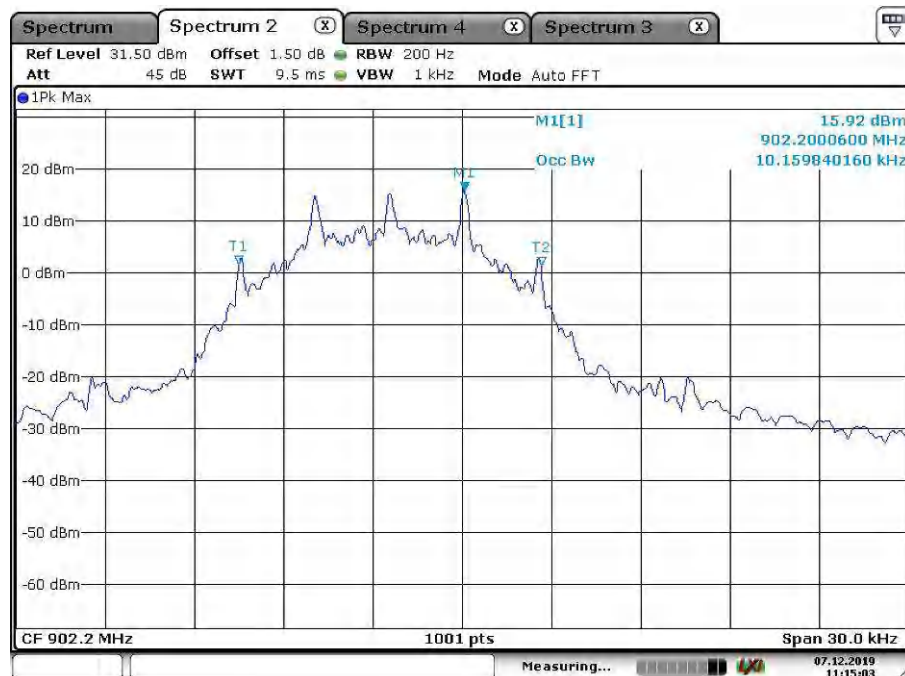


High Channel



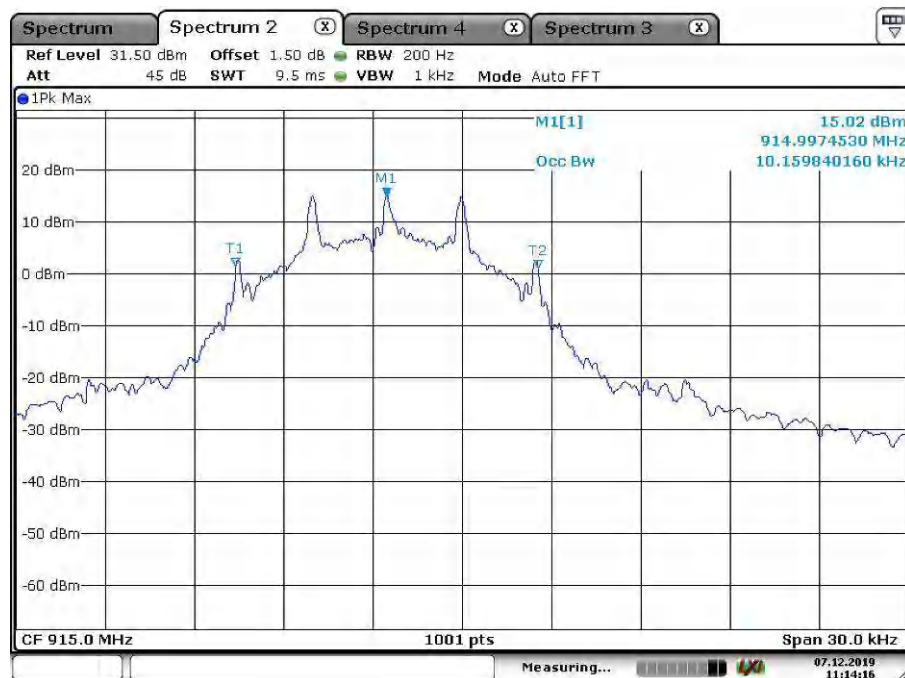
FHSS#5 (DataRate: 5Kbps)

Low Channel



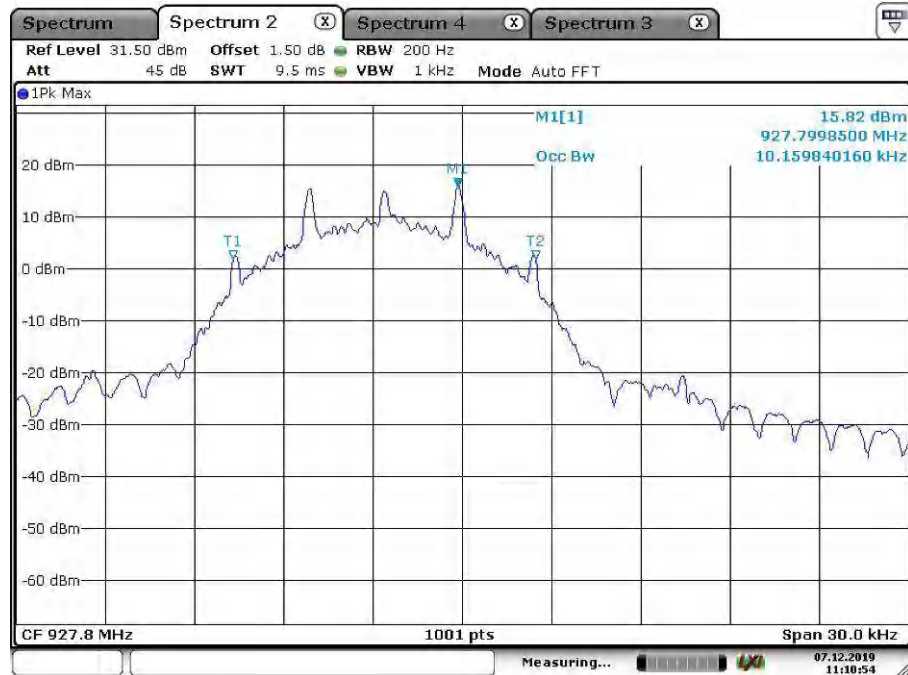
Date: 7.DEC.2019 10:15:03

Middle Channel



Date: 7.DEC.2019 10:14:16

High Channel



Date: 7.DEC.2019 12:10:54

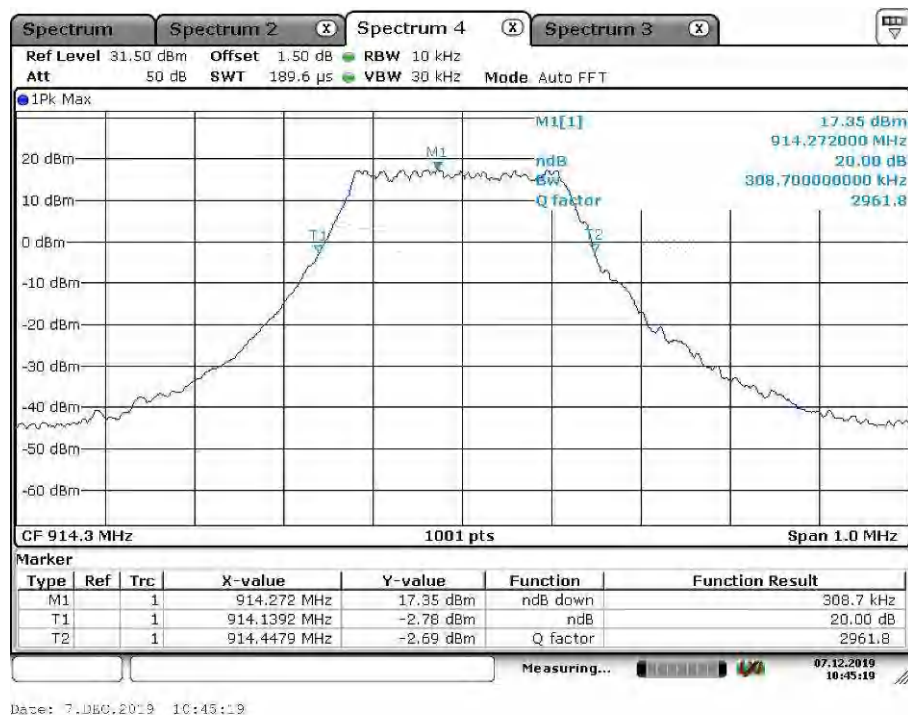
Appendix C.2: Test Results of 20dB Bandwidth

FHSS#1 (Bandwidth: 250KHz)

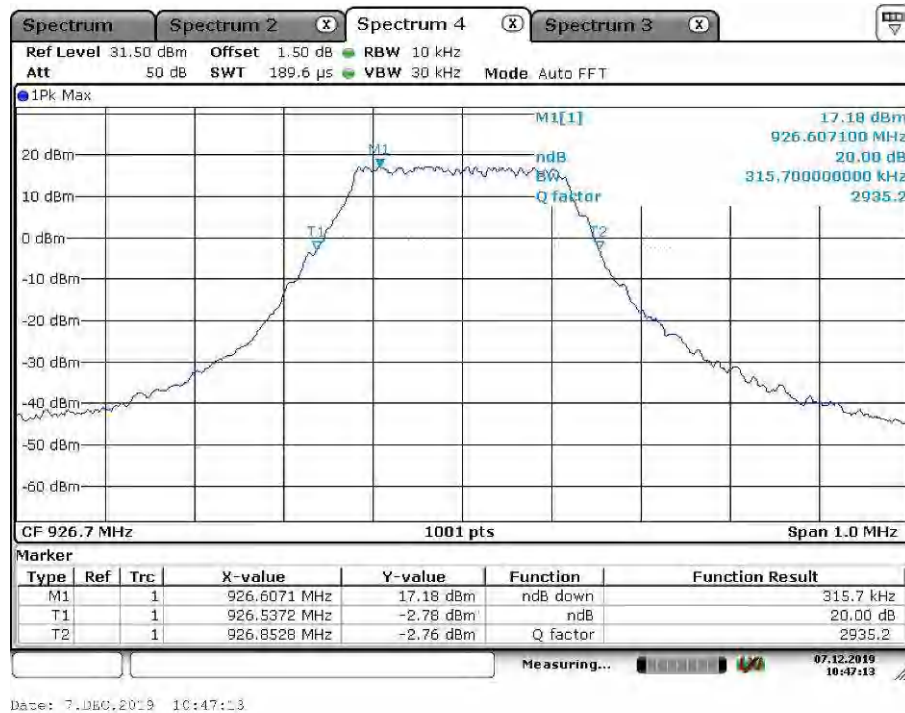
Low Channel



Middle Channel

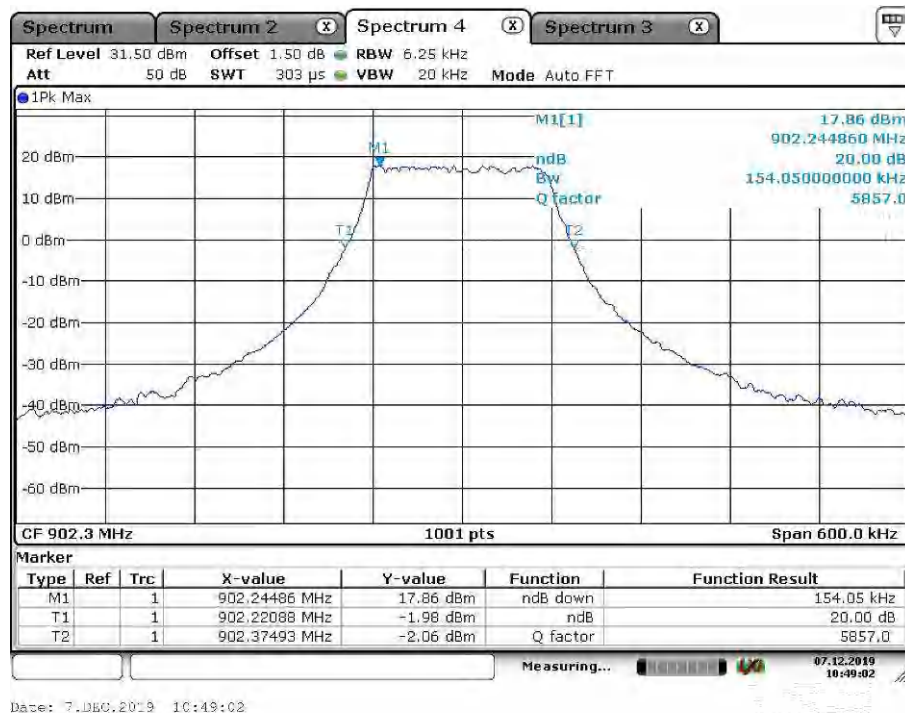


High Channel

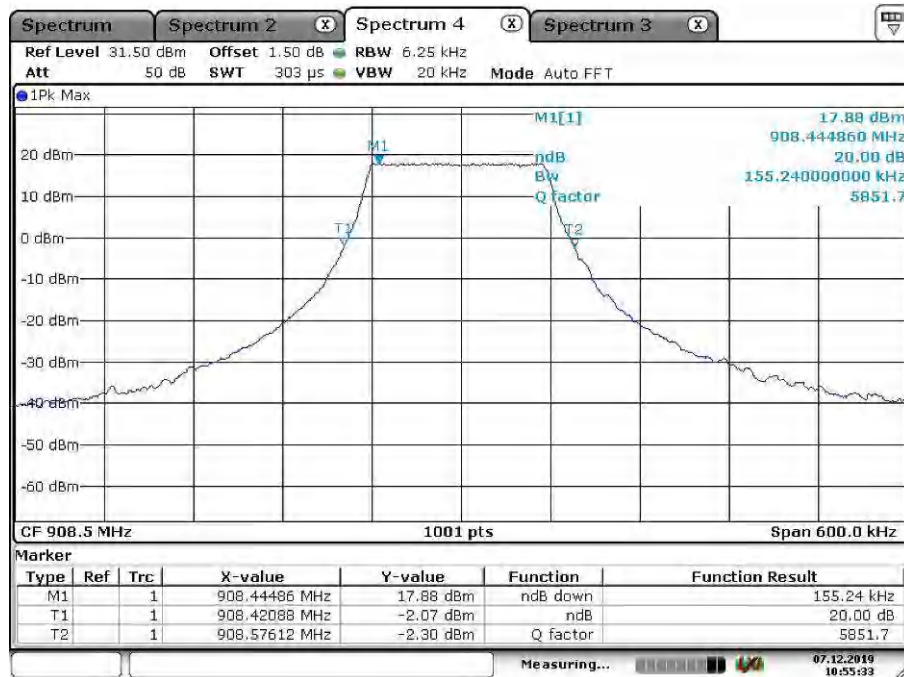


FHSs#2 (Bandwidth: 125KHz)

Low Channel

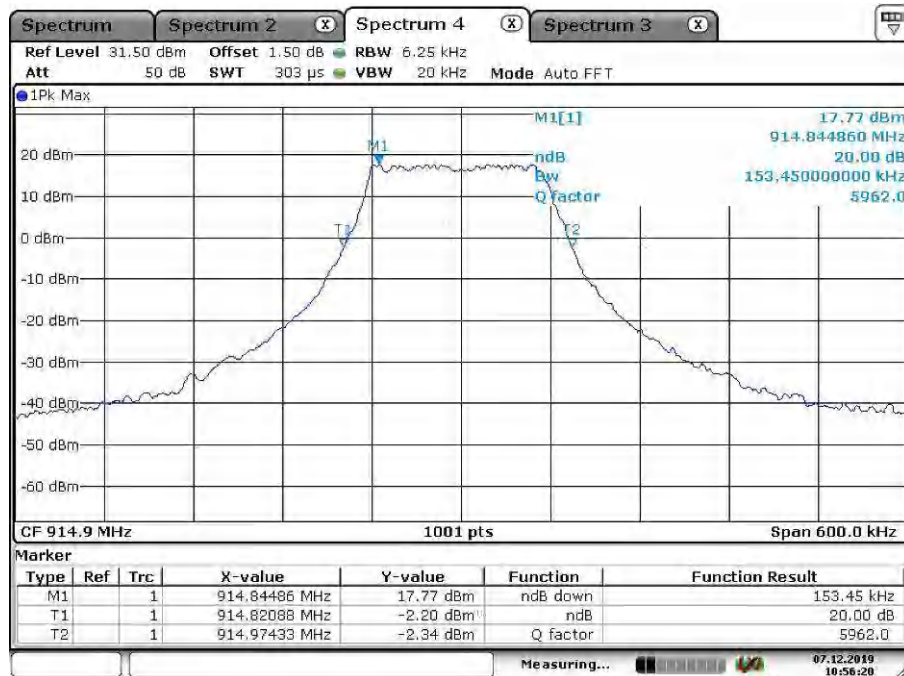


Middle Channel



Date: 7.DEC.2019 10:55:34

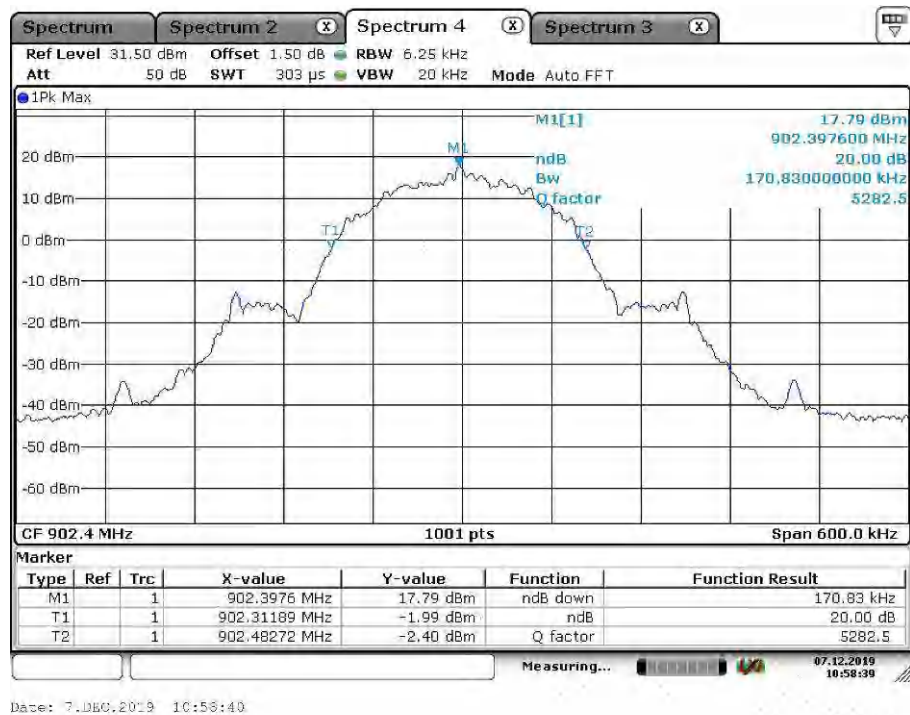
High Channel



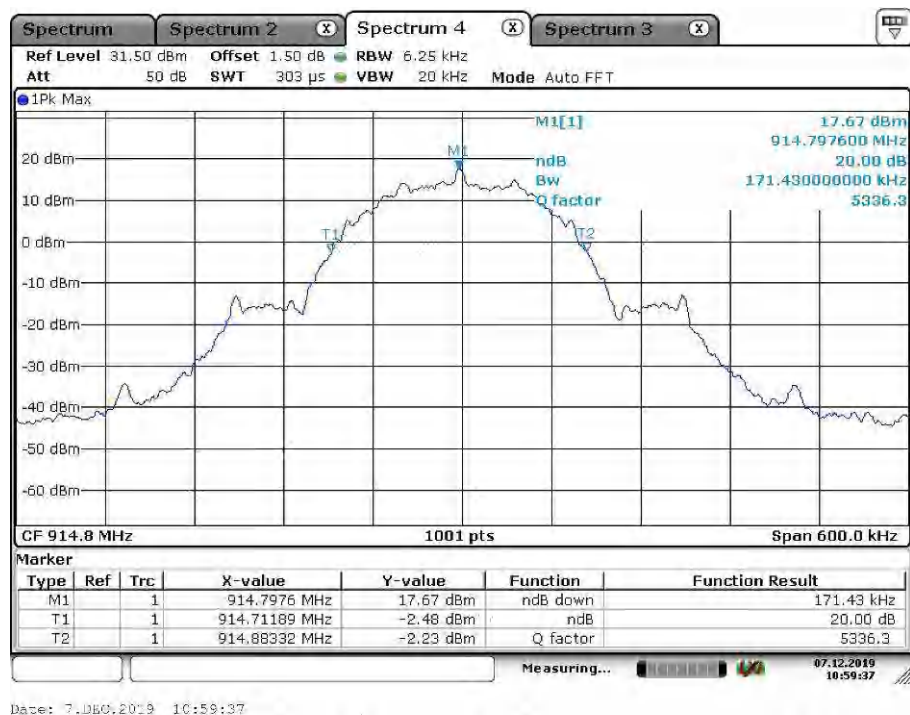
Date: 7.DEC.2019 10:56:20

FHSS#3 (DataRate: 150Kbps)

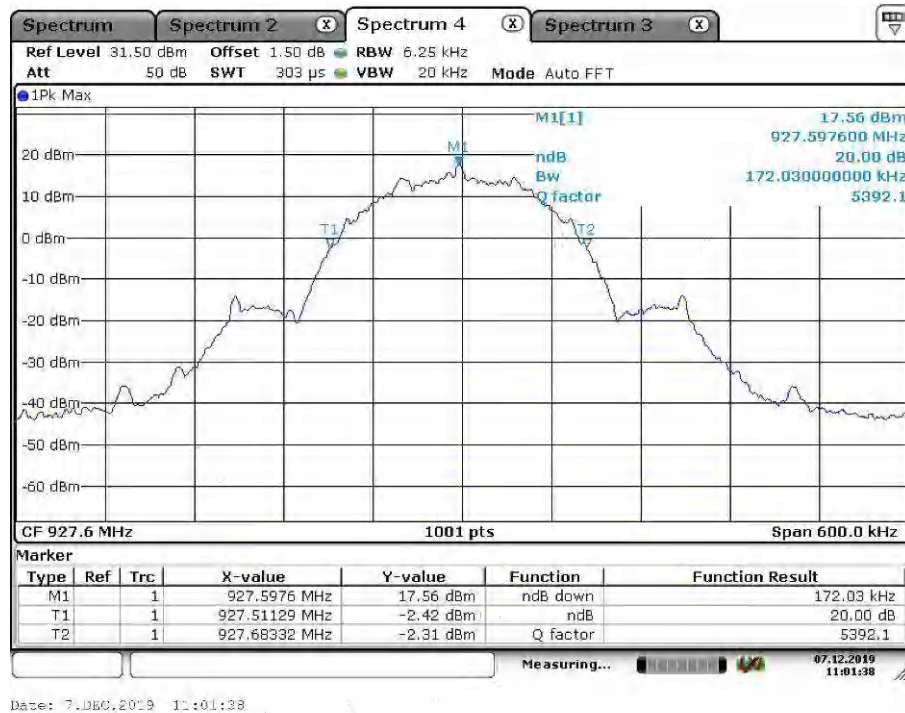
Low Channel



Middle Channel

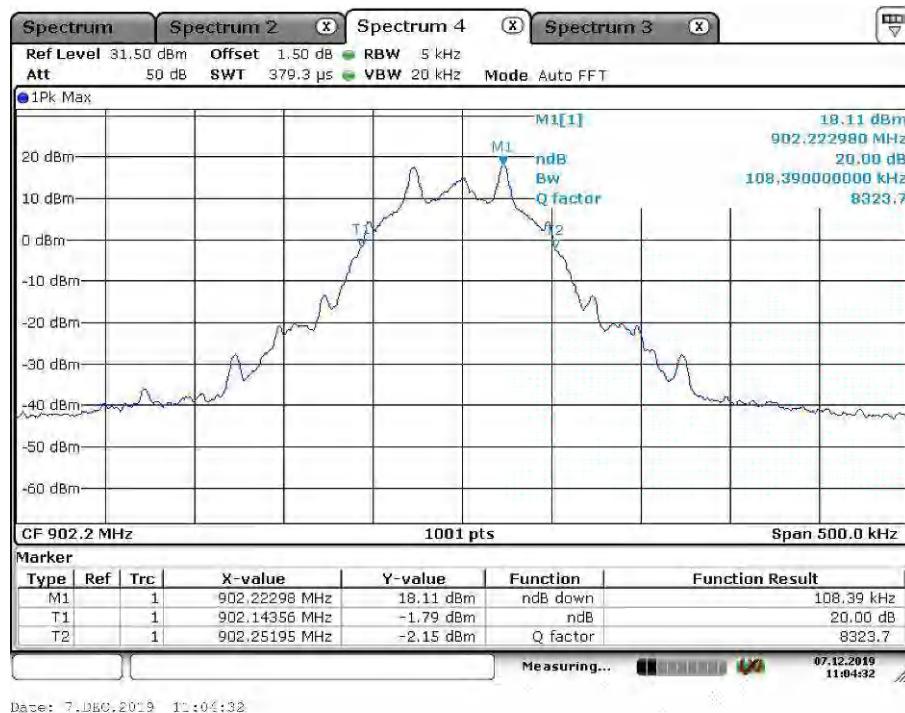


High Channel

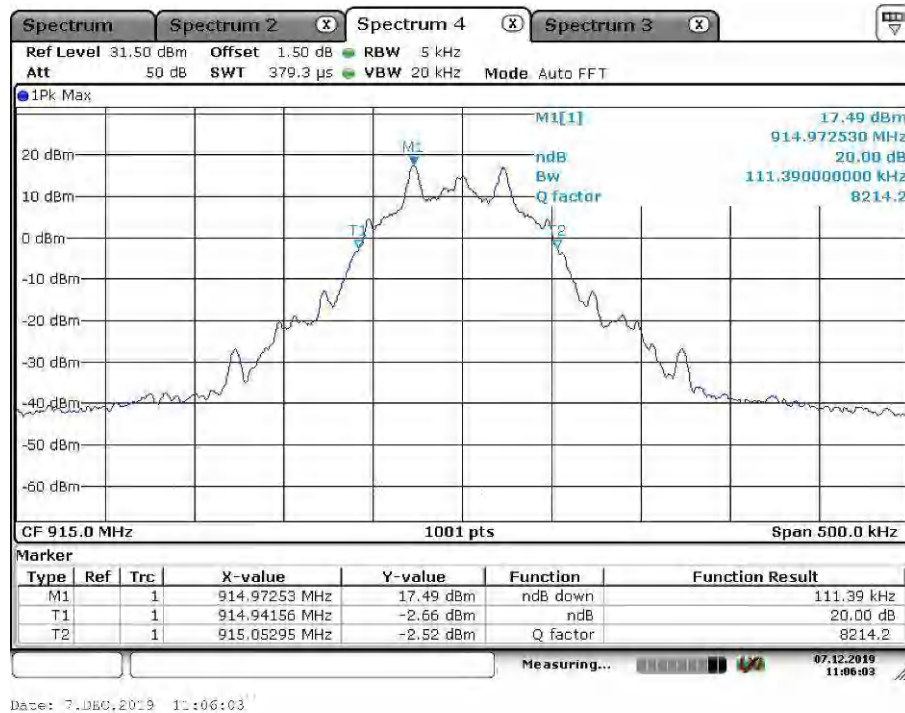


FHSs#4 (DataRate: 50Kbps)

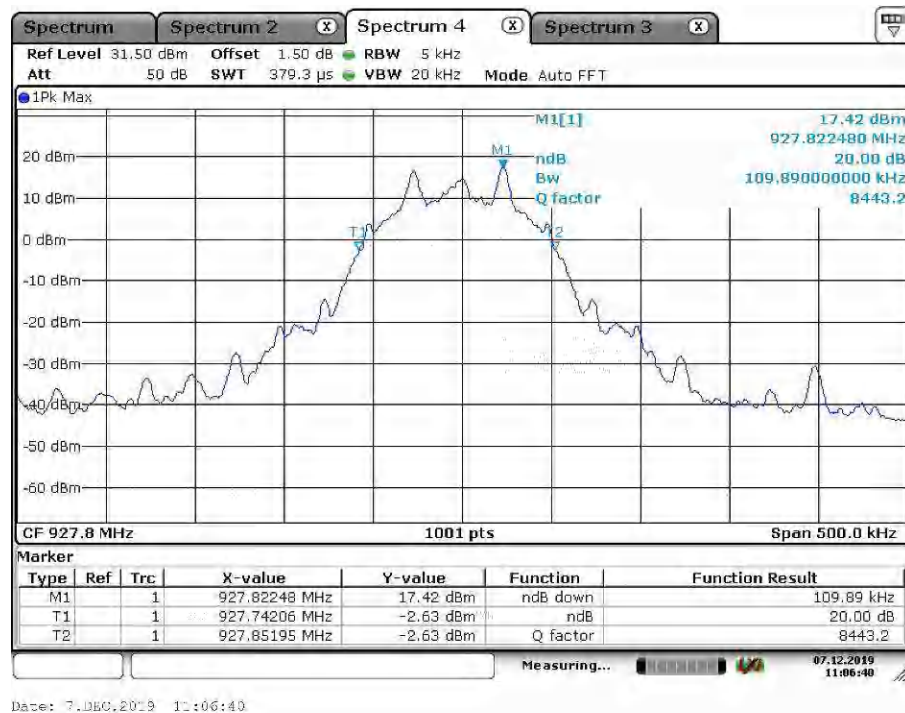
Low Channel



Middle Channel

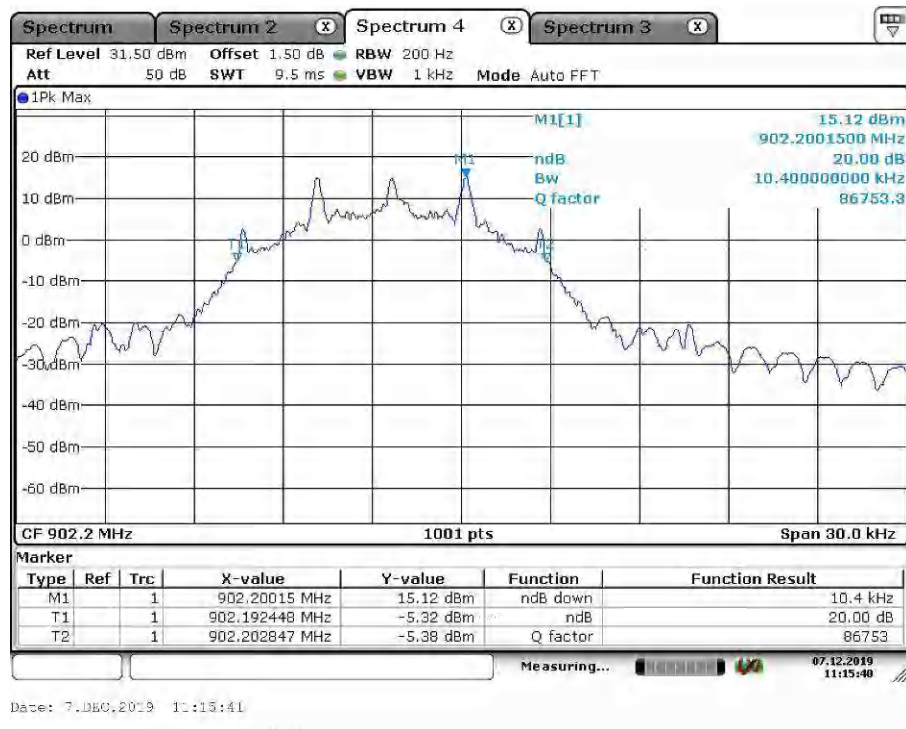


High Channel

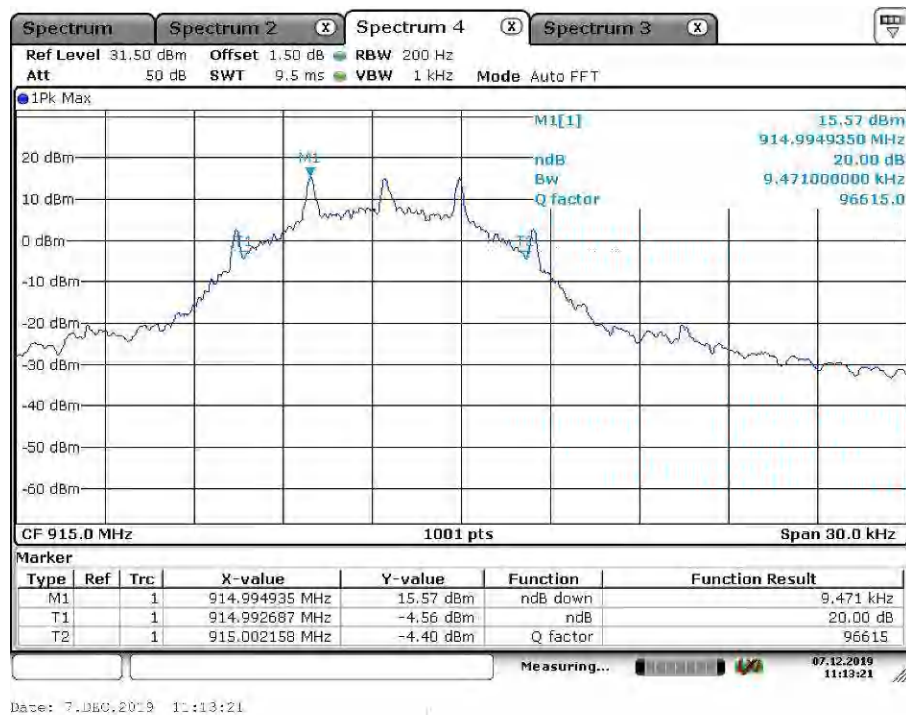


FHSS#5 (DataRate: 5Kbps)

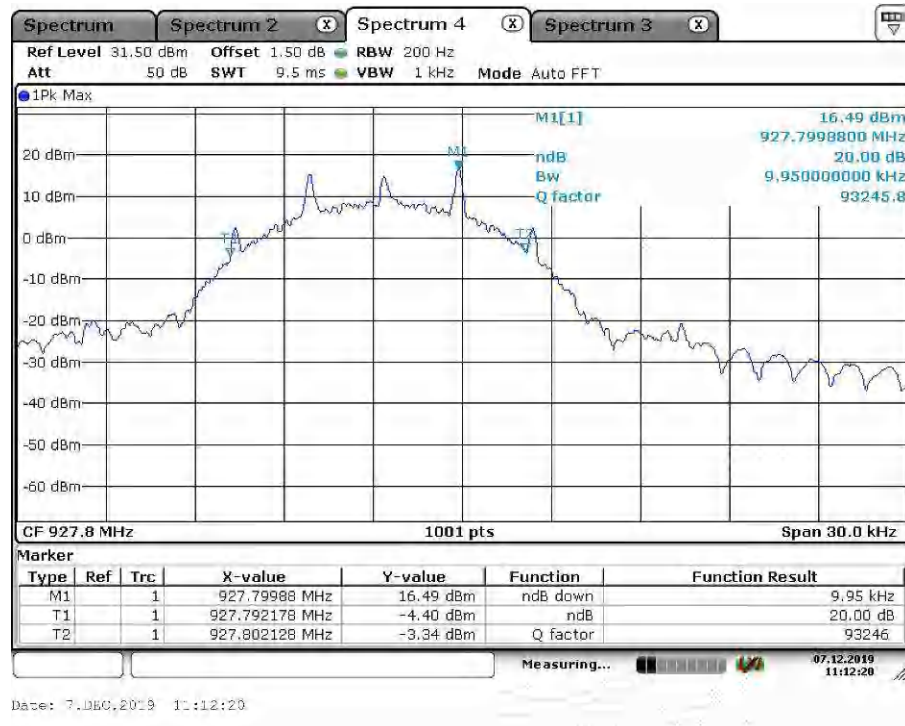
Low Channel



Middle Channel



High Channel



Appendix C.3: Test Results of Carrier Frequency Separation

FHSs#1 (Bandwidth: 250KHz)

Low Channel



Middle Channel



High Channel



FHSs#2 (Bandwidth: 125KHz)

Low Channel



Middle Channel

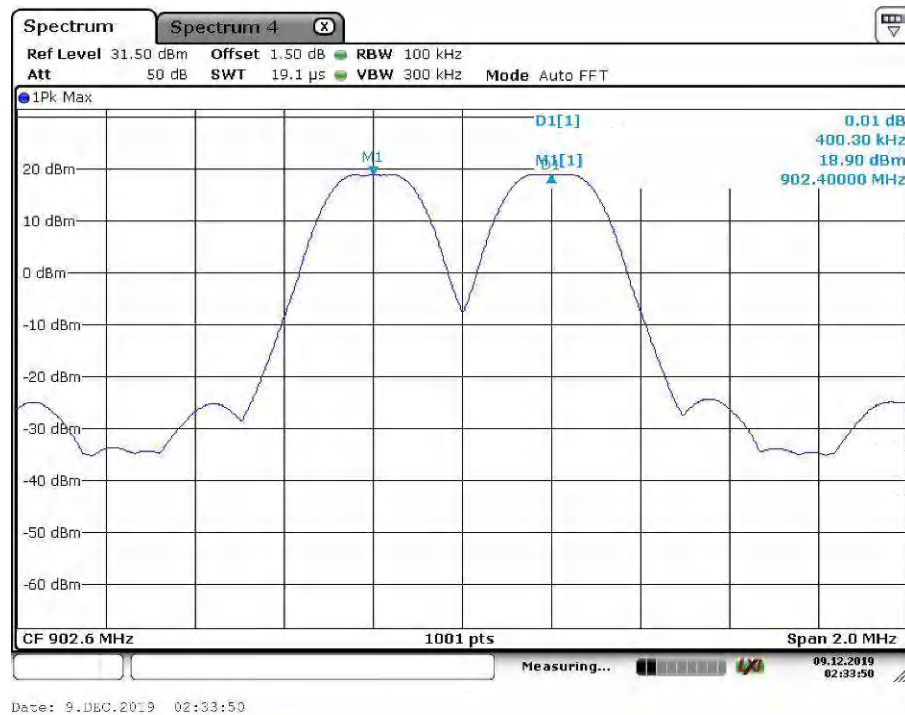


High Channel



FHSs#3 (DataRate: 150Kbps)

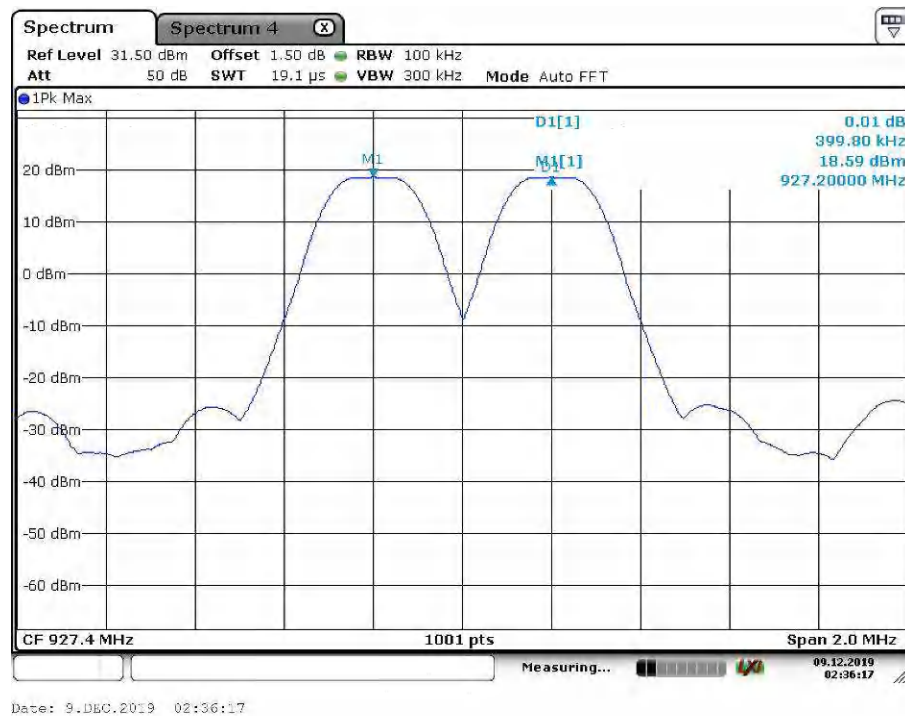
Low Channel



Middle Channel

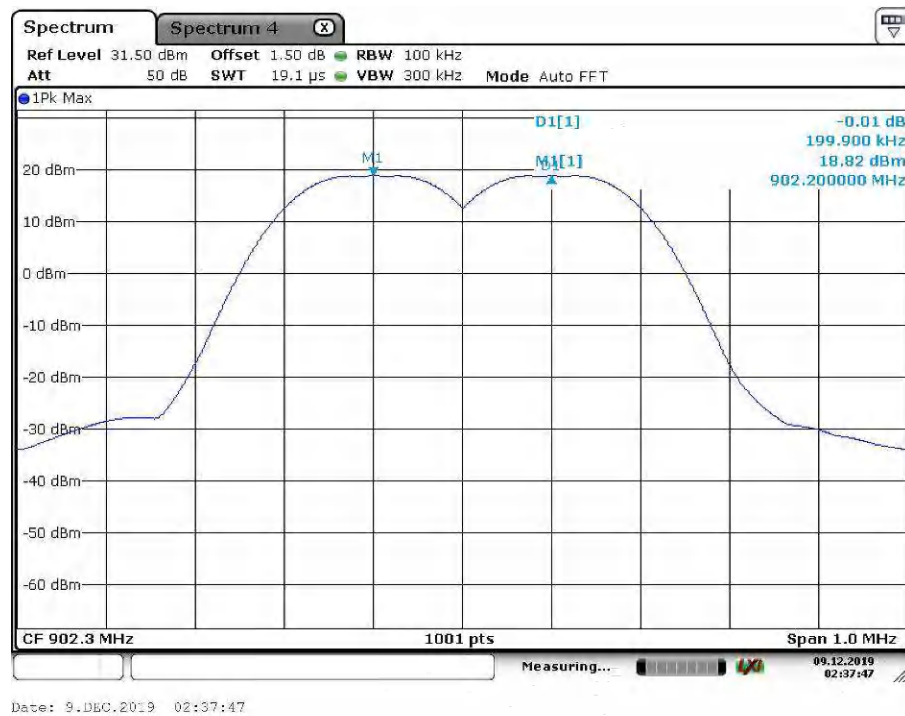


High Channel



FHSS#4 (DataRate: 50Kbps)

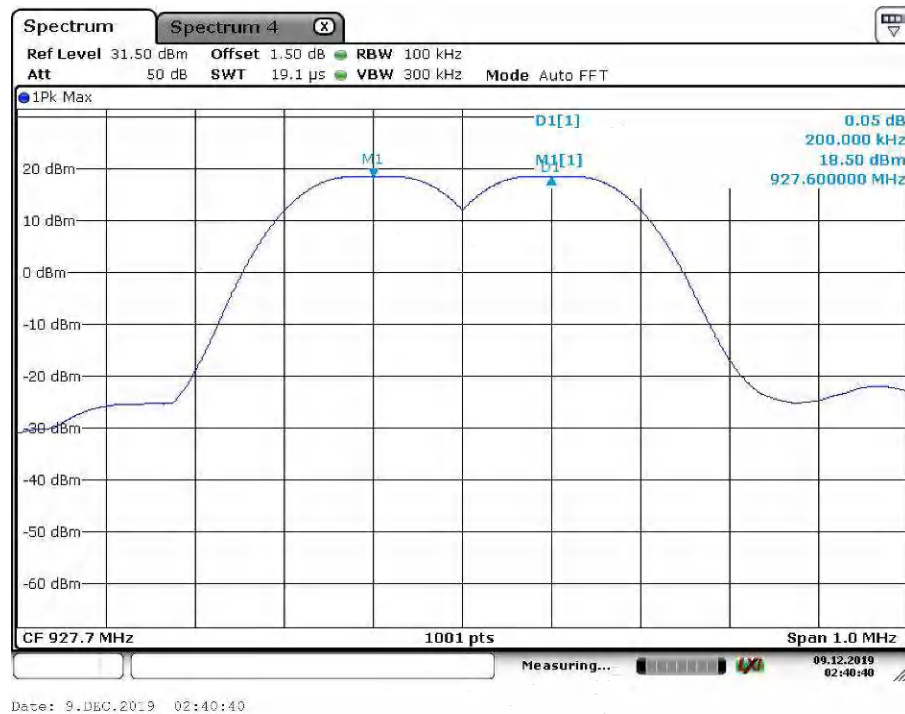
Low Channel



Middle Channel



High Channel



FHSS#5 (DataRate: 5Kbps)

Low Channel



Middle Channel



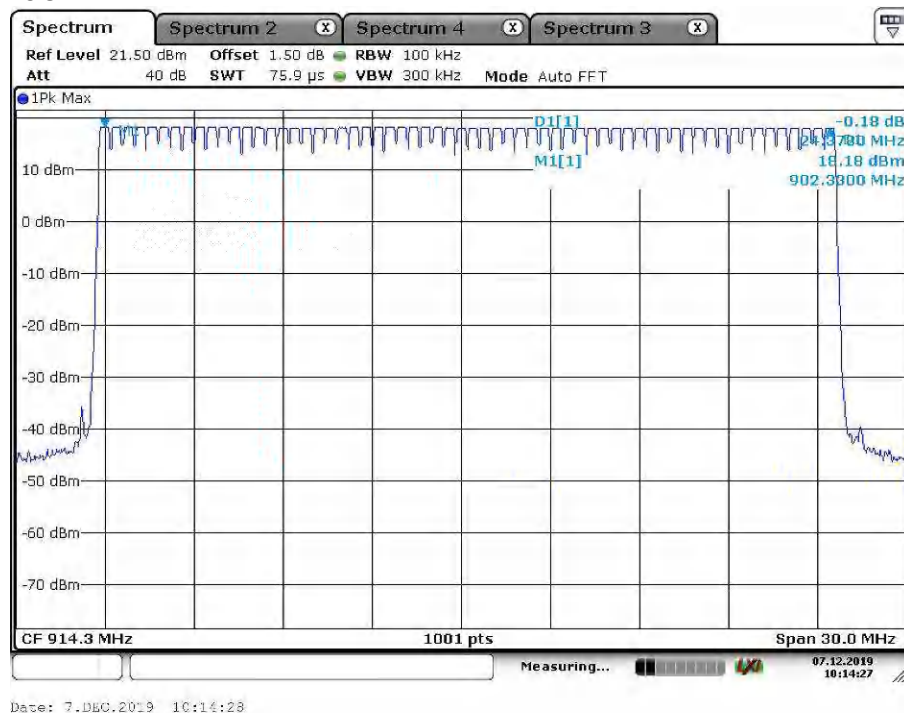
High Channel



Appendix C.4: Test Results of Number of Hopping Frequency

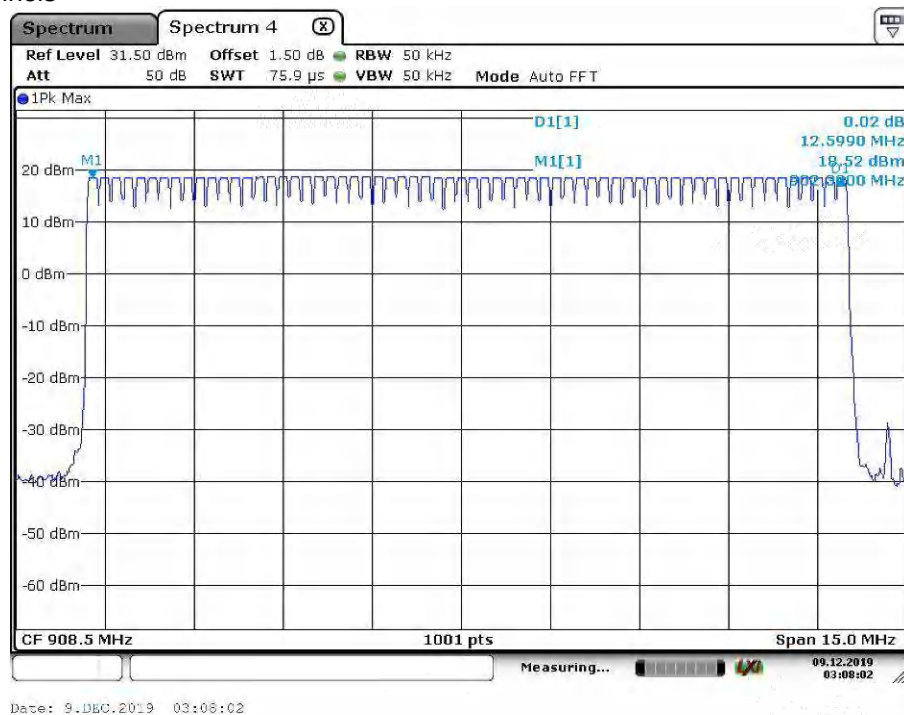
FHSS#1 (Bandwidth: 250KHz)

All hopping channels



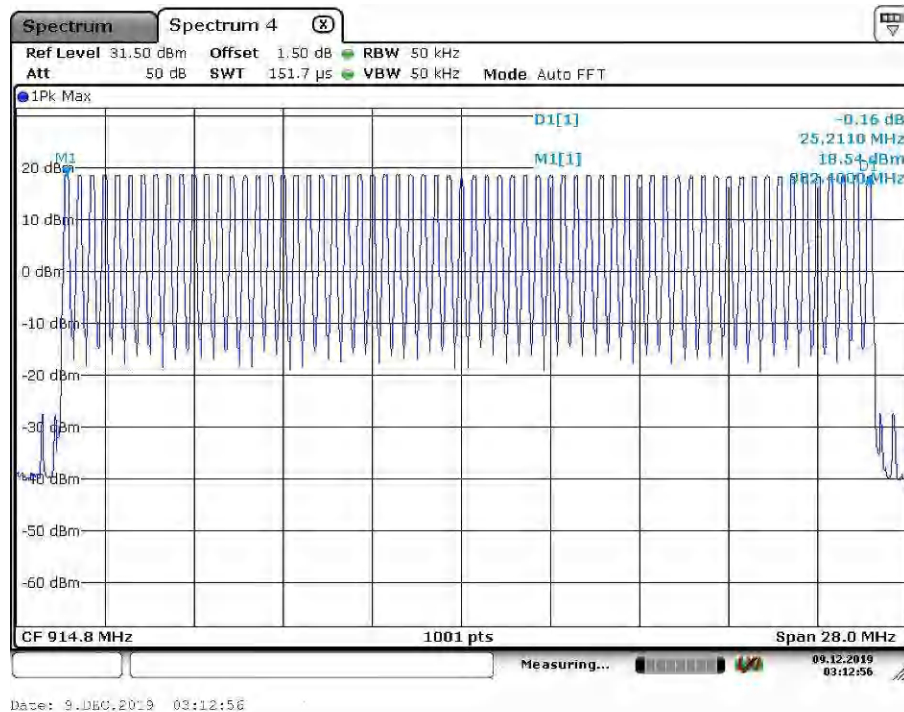
FHSS#2 (Bandwidth: 125KHz)

All hopping channels



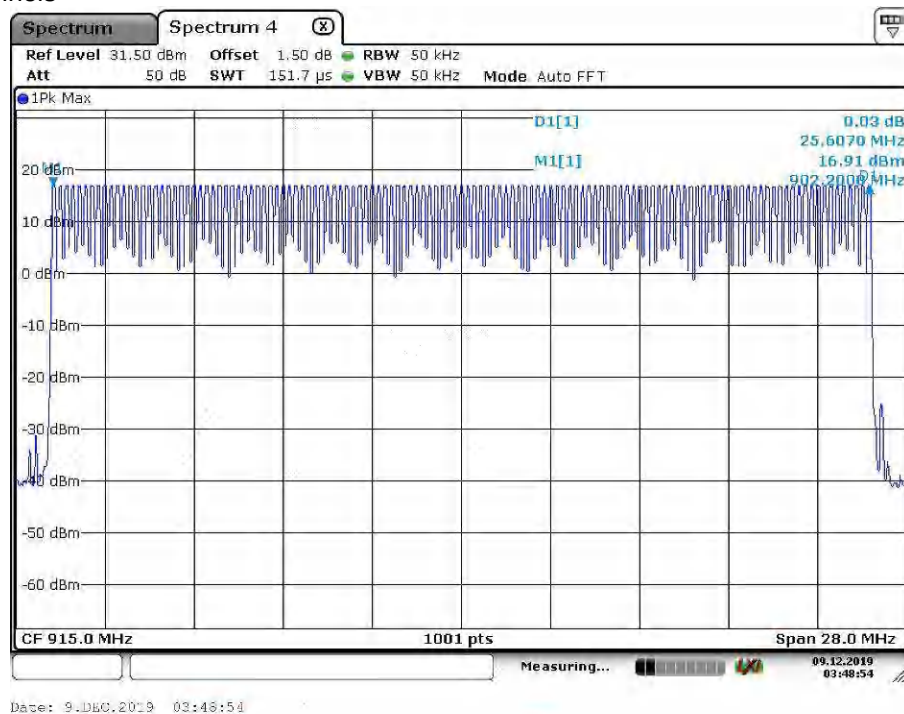
FHSS#3 (DataRate: 150Kbps)

All hopping channels

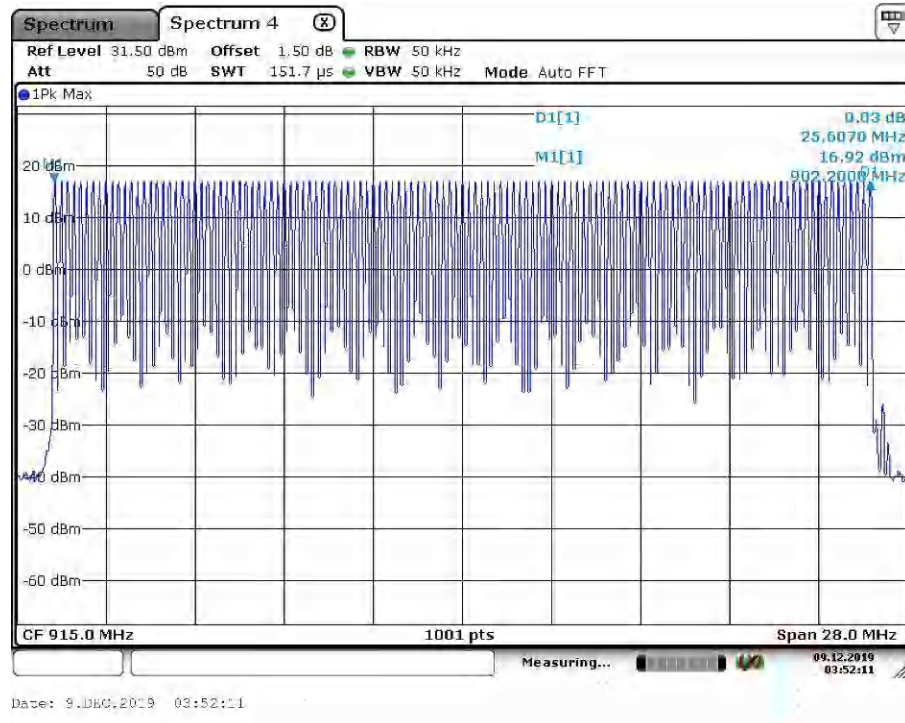


FHSS#4 (DataRate: 50Kbps)

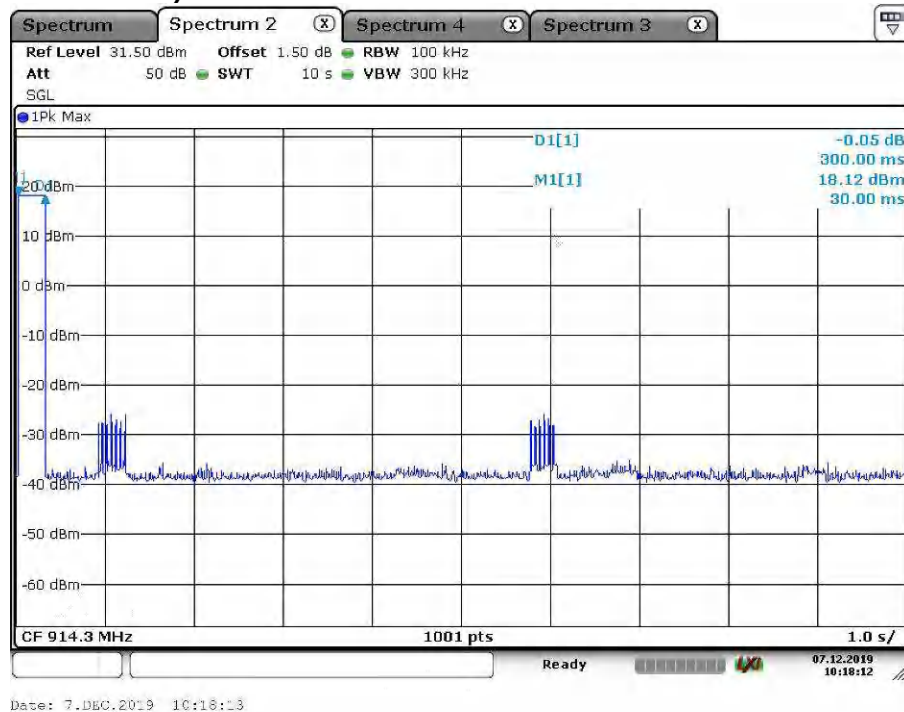
All hopping channels



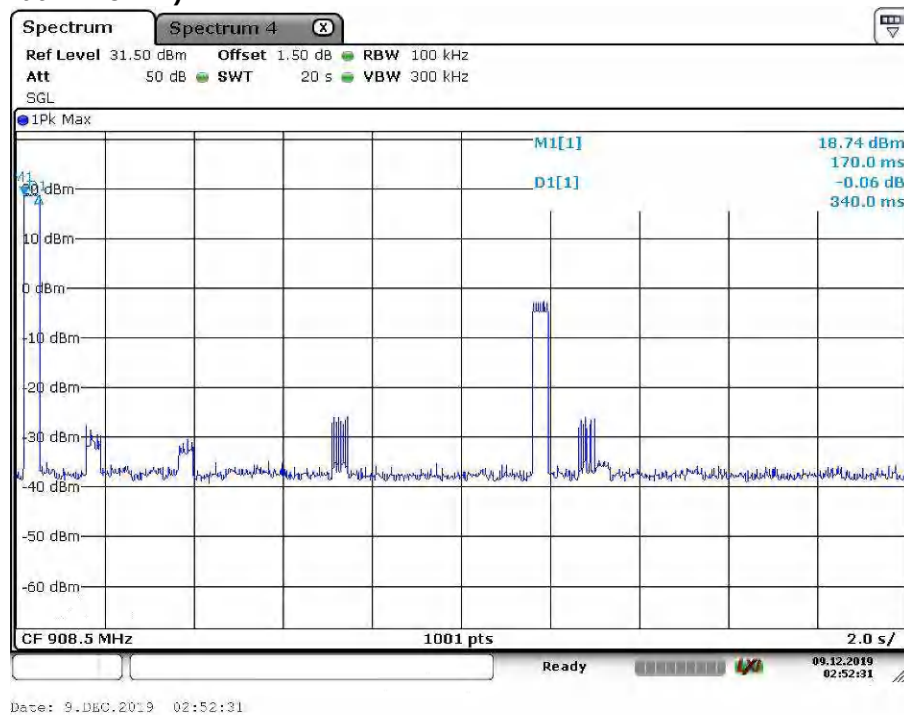
FHSS#5 (DataRate: 5Kbps)
All hopping channels



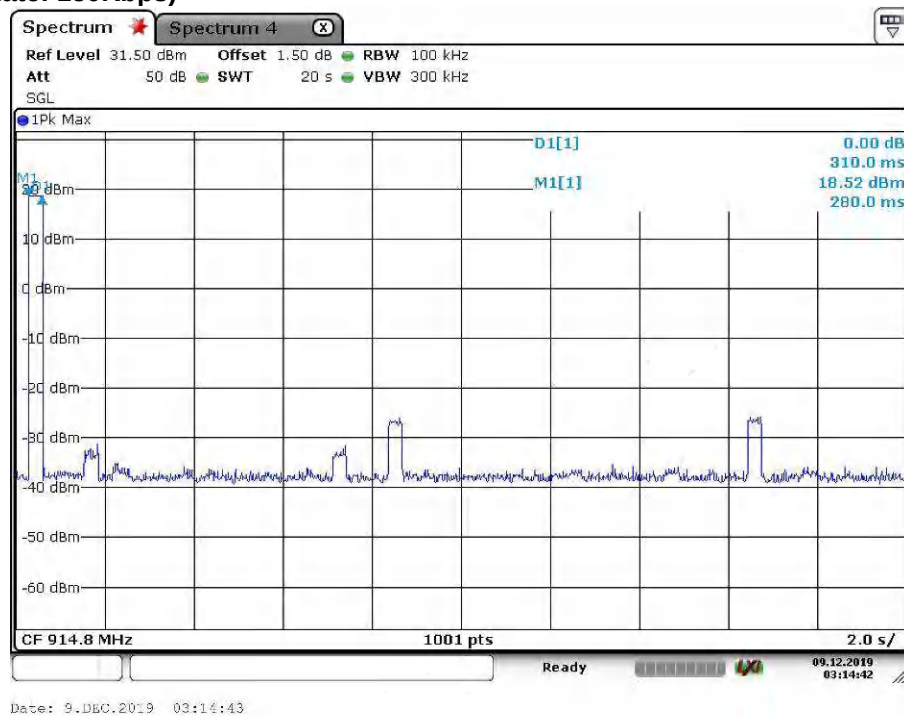
Appendix C.5: Test Results of Time of Occupancy FHSS#1 (Bandwidth: 250KHz)



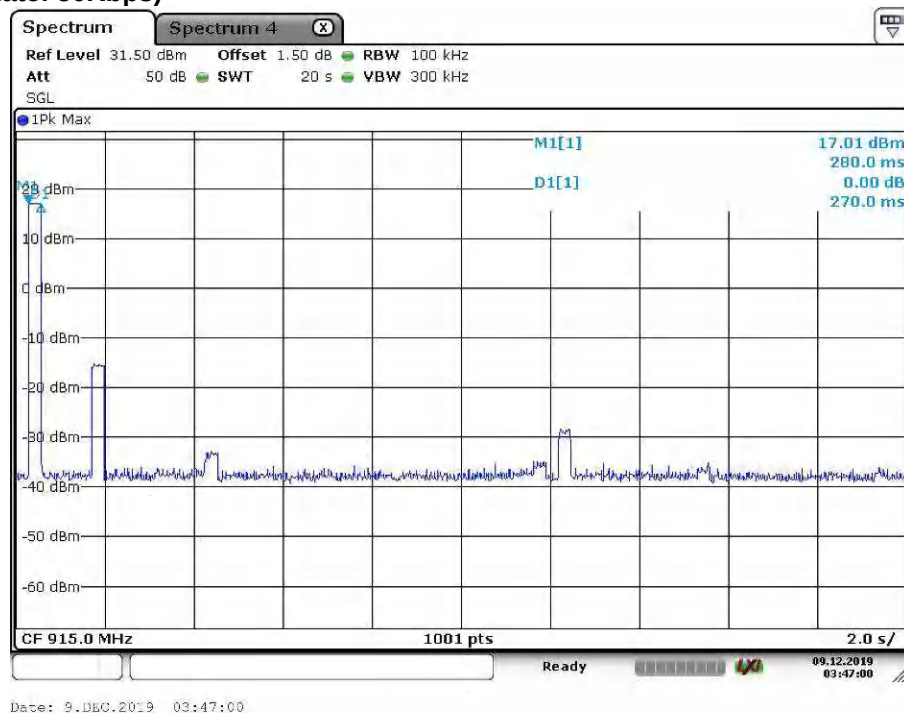
FHSS#2 (Bandwidth: 125KHz)



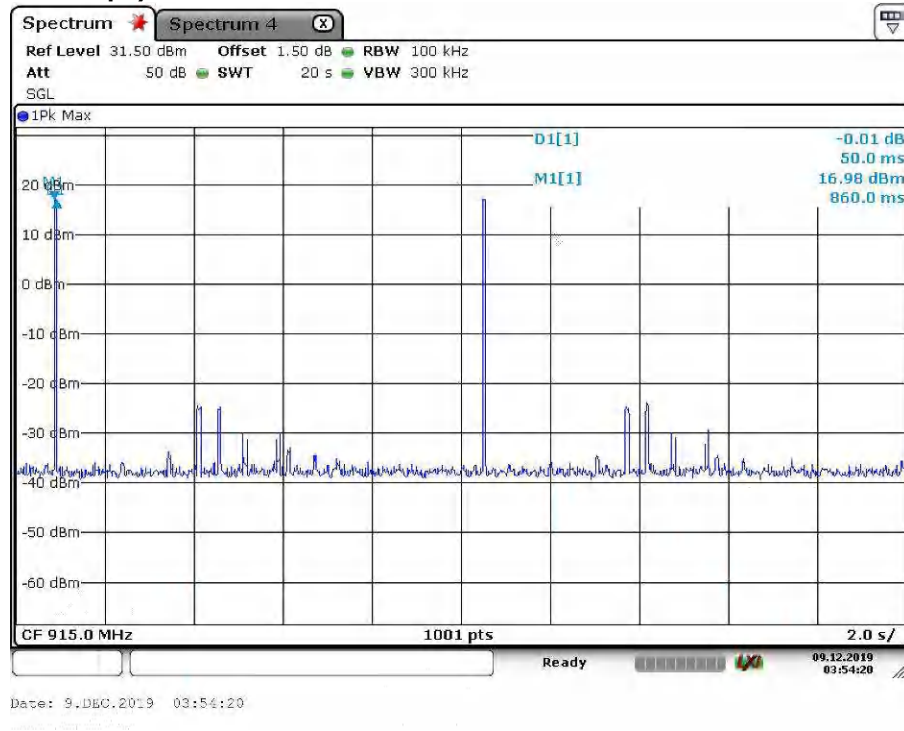
FHSS#3 (DataRate: 150Kbps)



FHSS#4 (DataRate: 50Kbps)



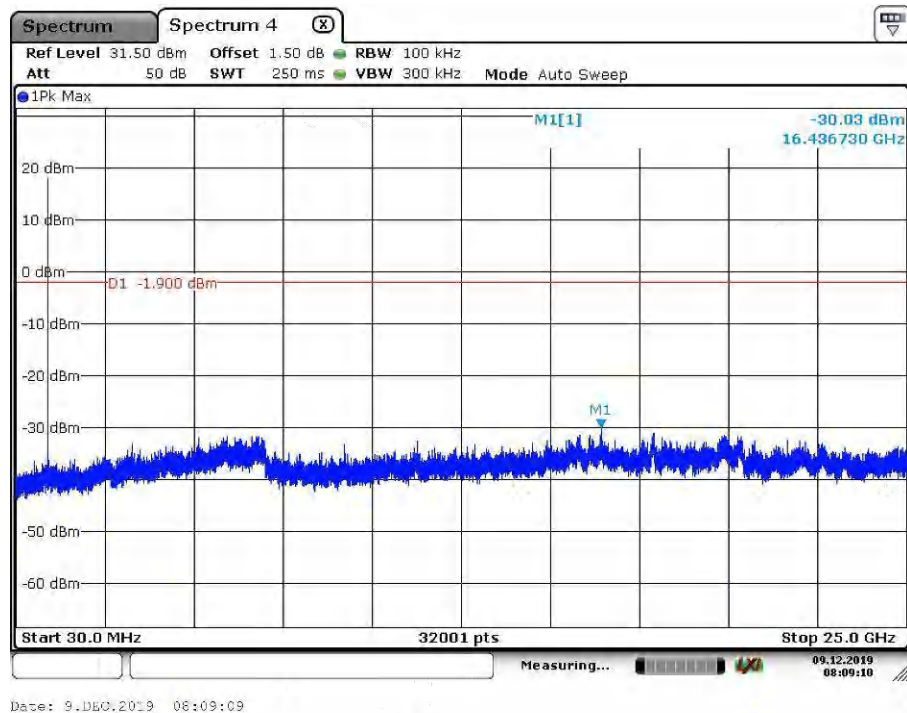
FHSS#5 (DataRate: 5Kbps)



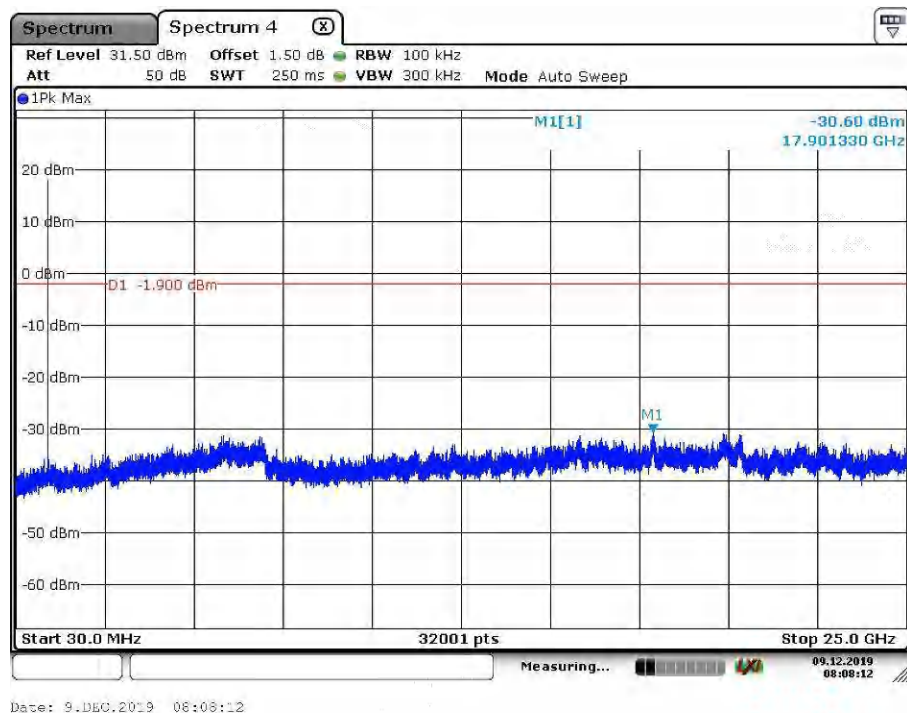
Appendix C.6: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

FHSs#1 (Bandwidth: 250KHz)

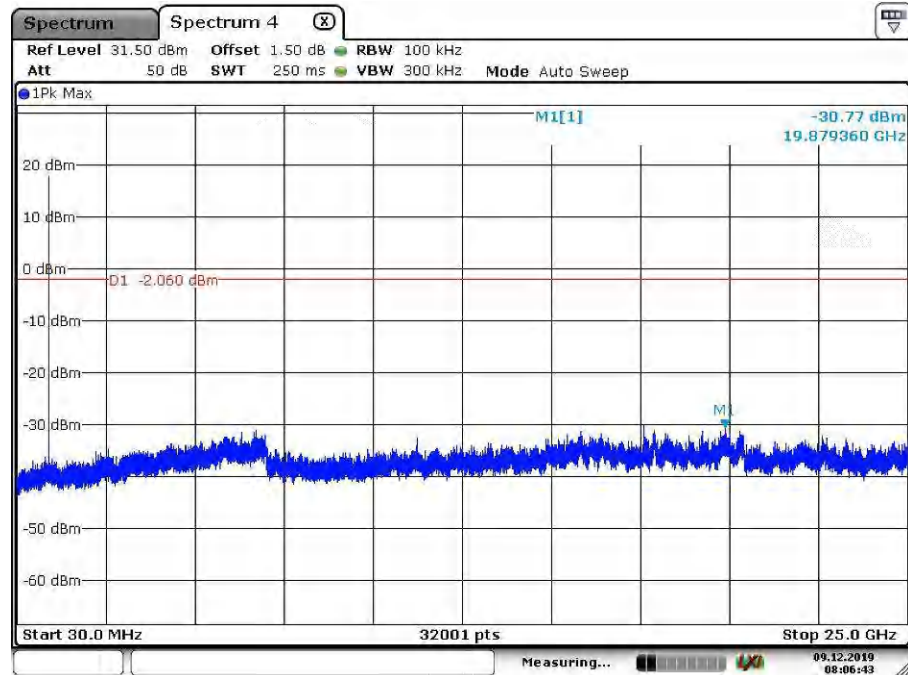
Low Channel



Middle Channel

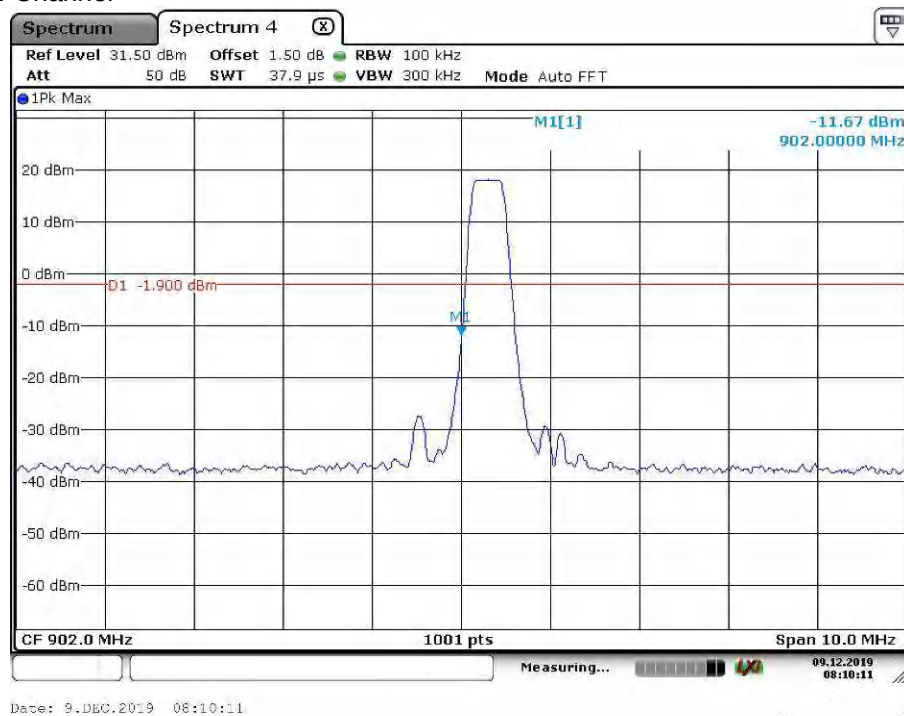


High Channel

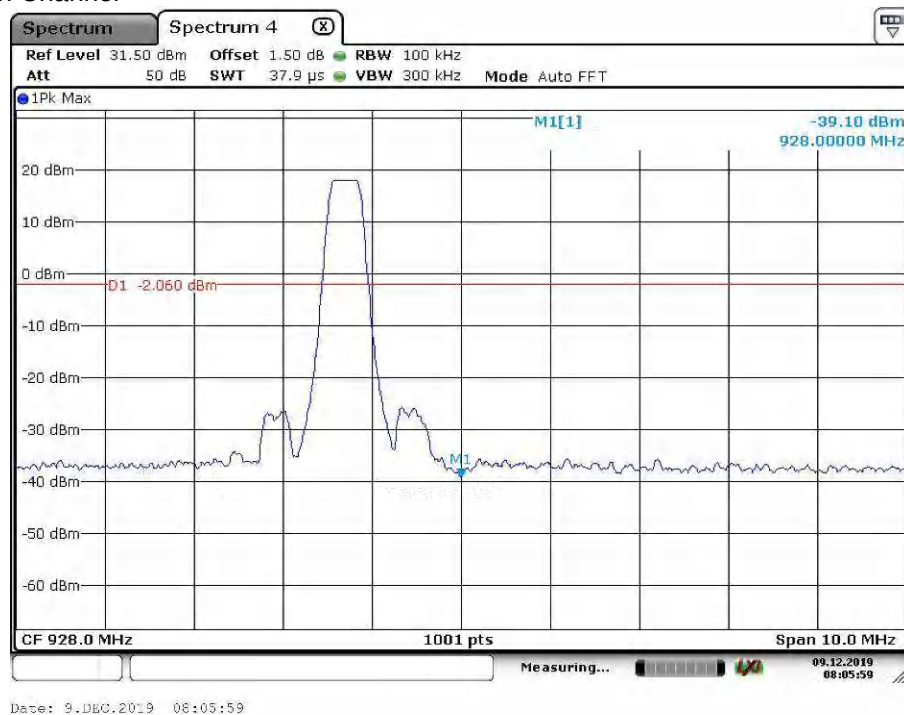


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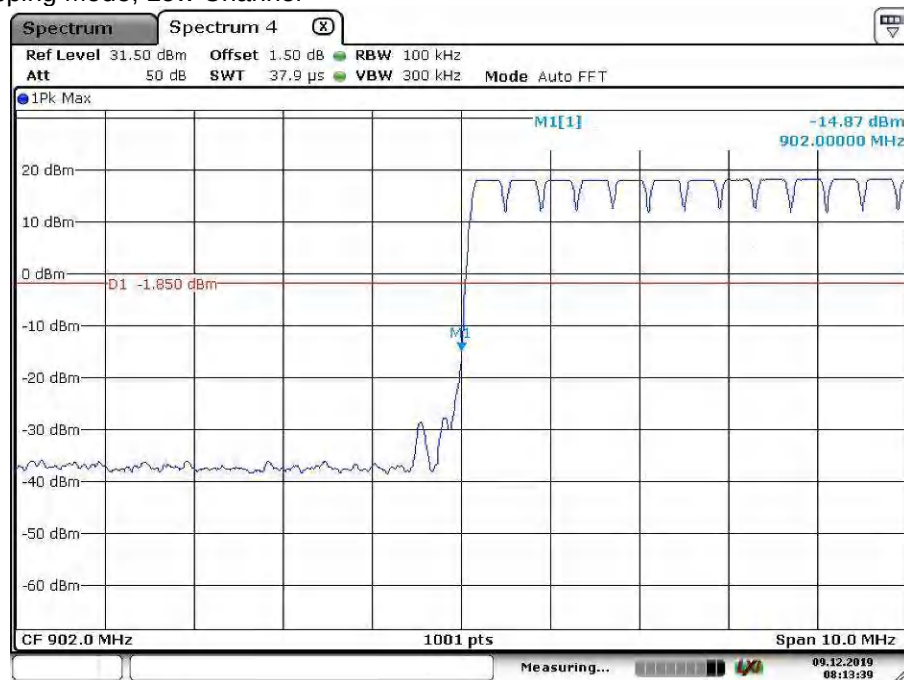
Band Edge, Low Channel



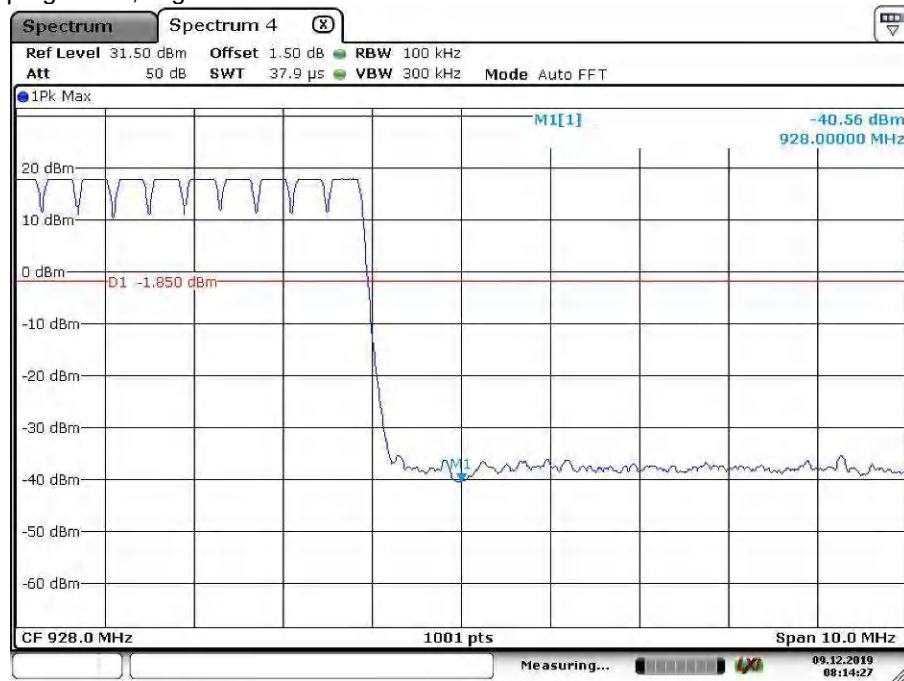
Band Edge, High Channel



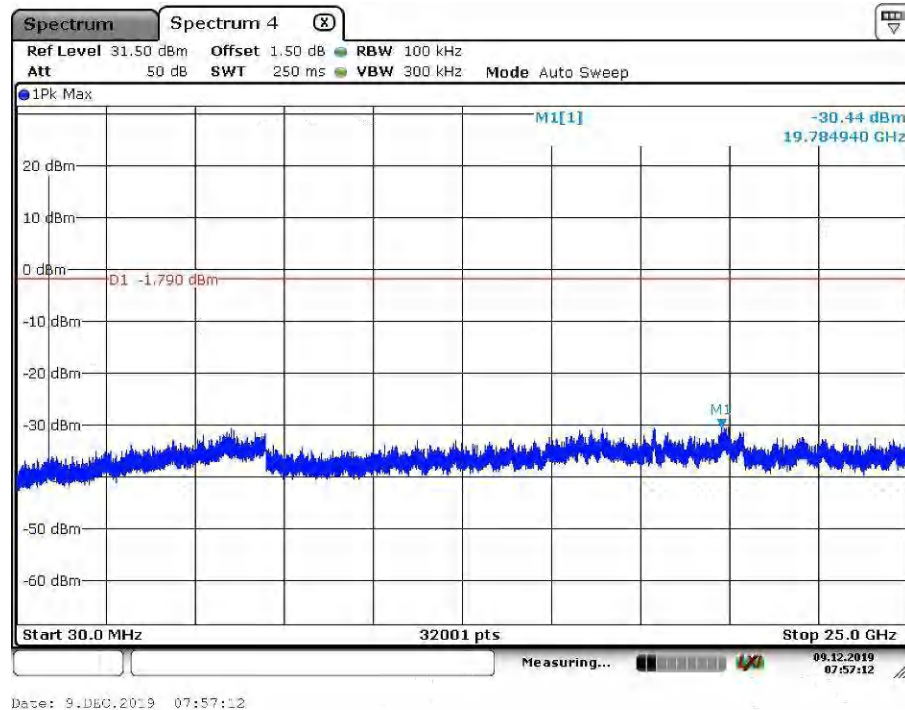
Band Edge, Hopping Mode, Low Channel



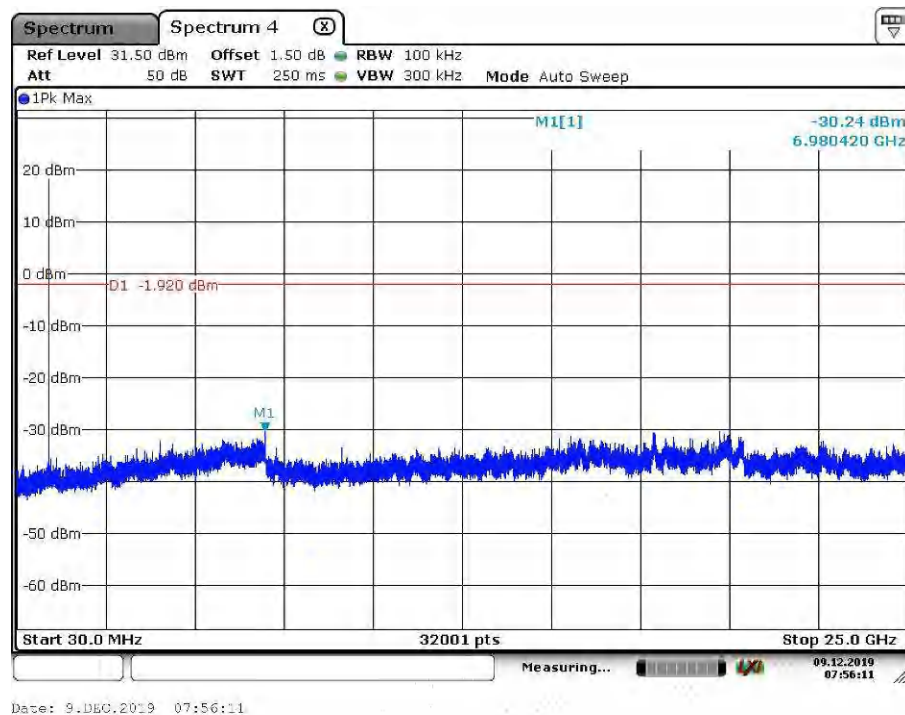
Band Edge, Hopping Mode, High Channle



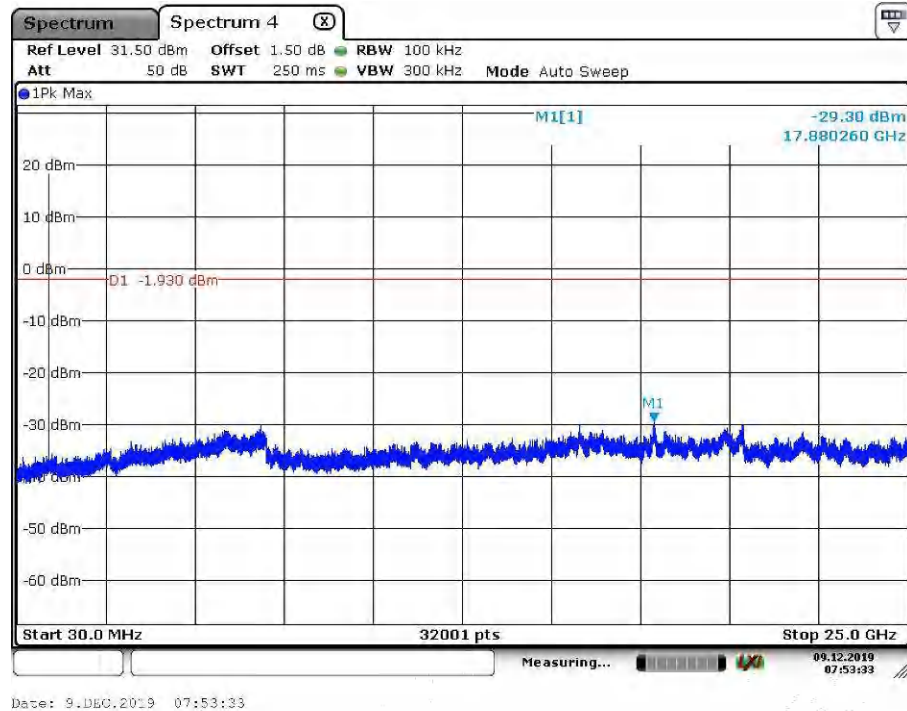
FHSS#2 (Bandwidth: 125KHz)
Low Channel



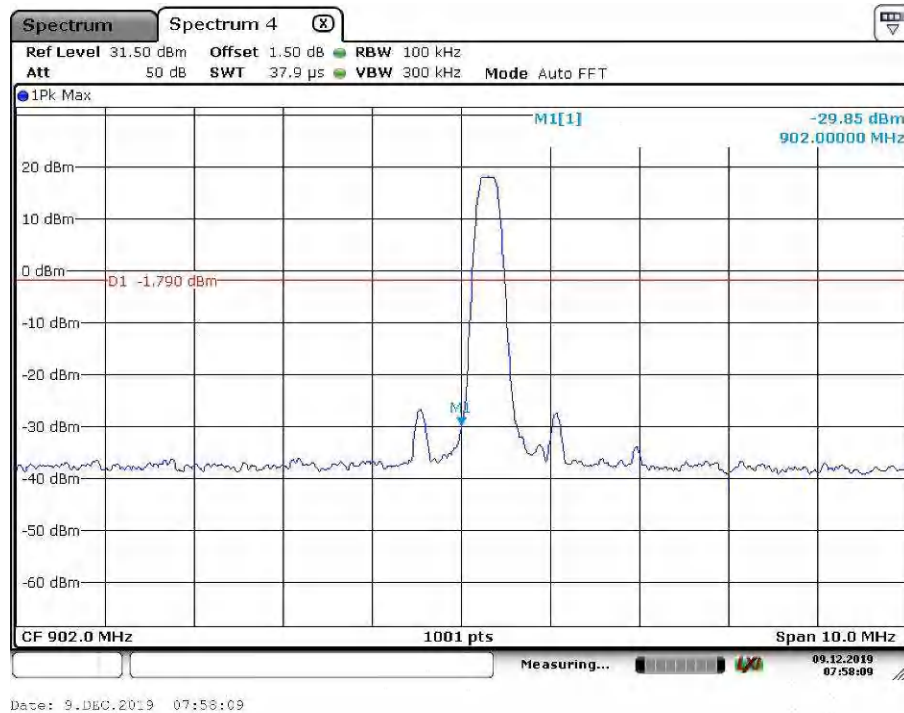
Middle Channel



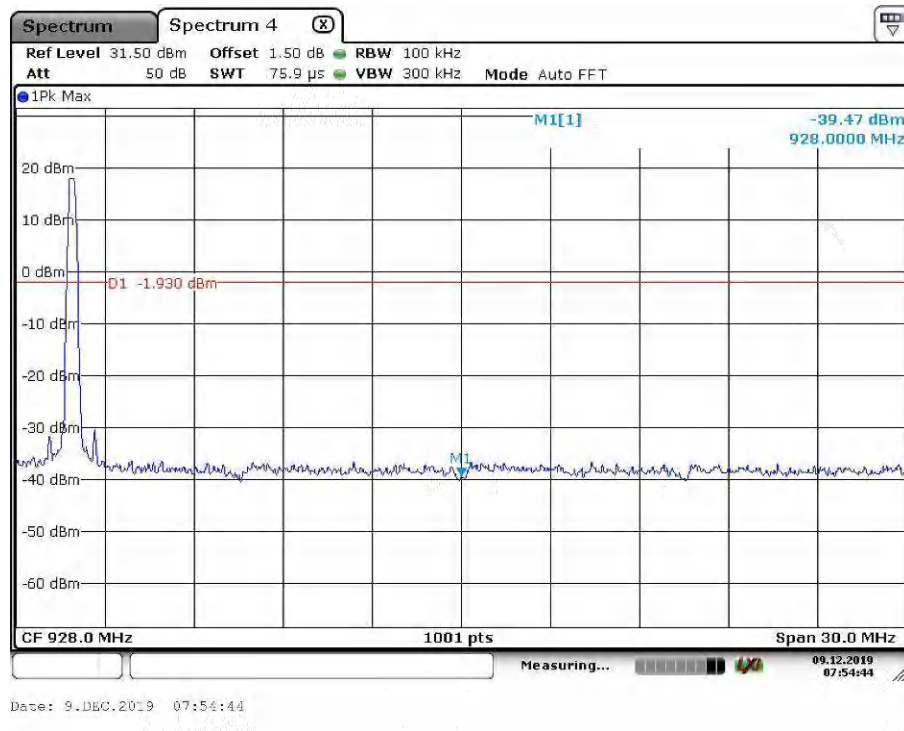
High Channel



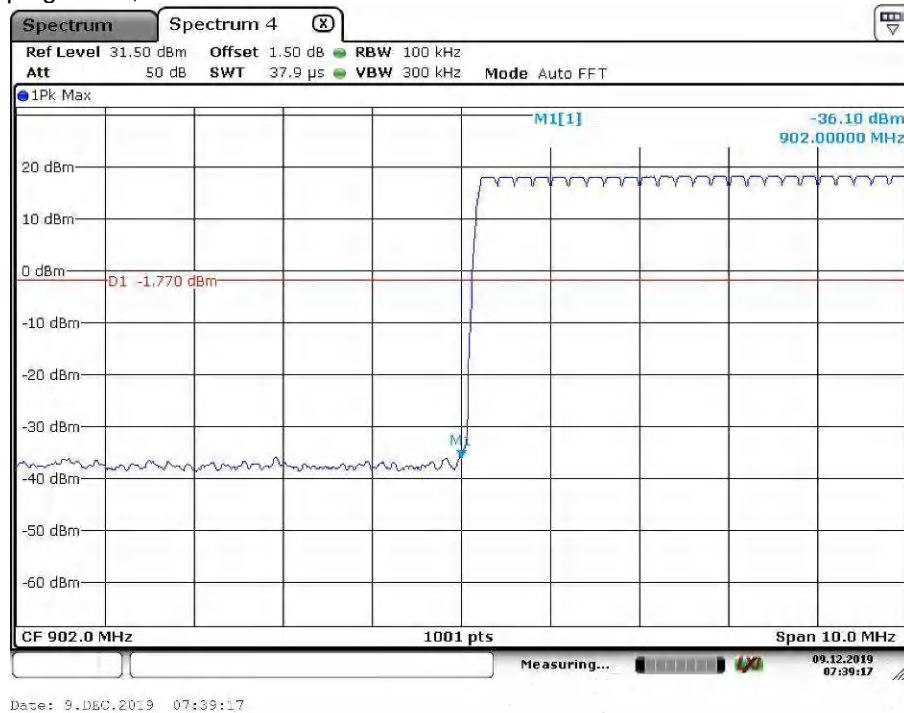
Band Edge, Low Channel



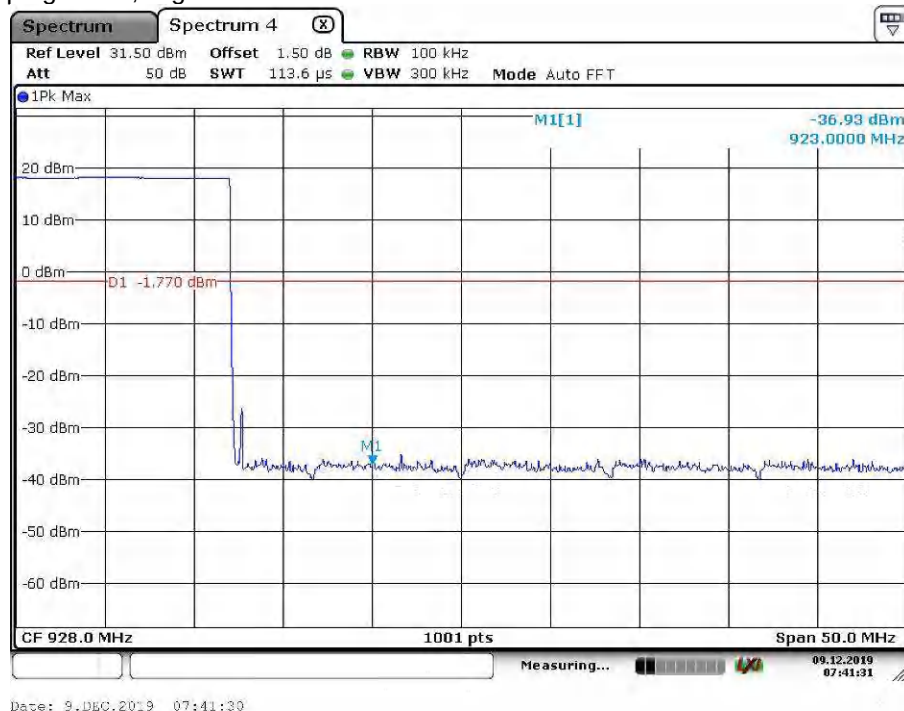
Band Edge, High Channel



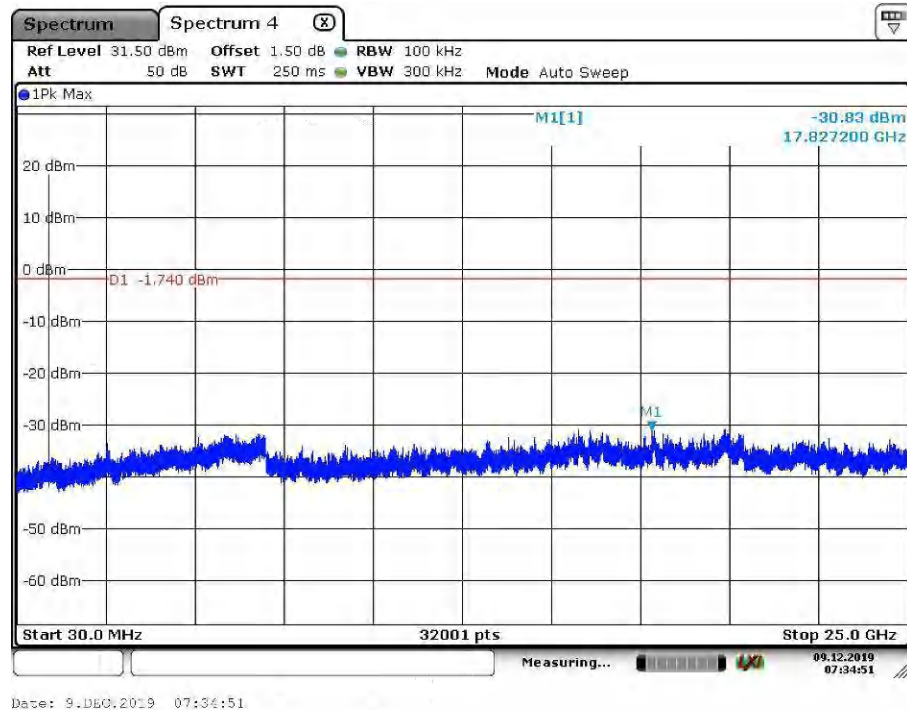
Band Edge, Hopping Mode, Low Channel



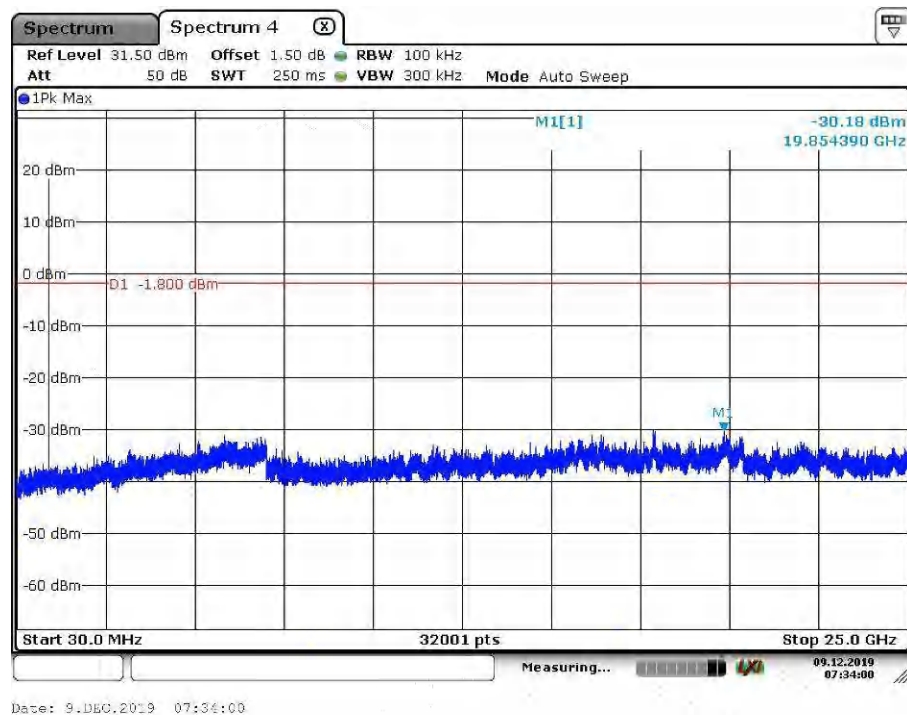
Band Edge, Hopping Mode, High Channel



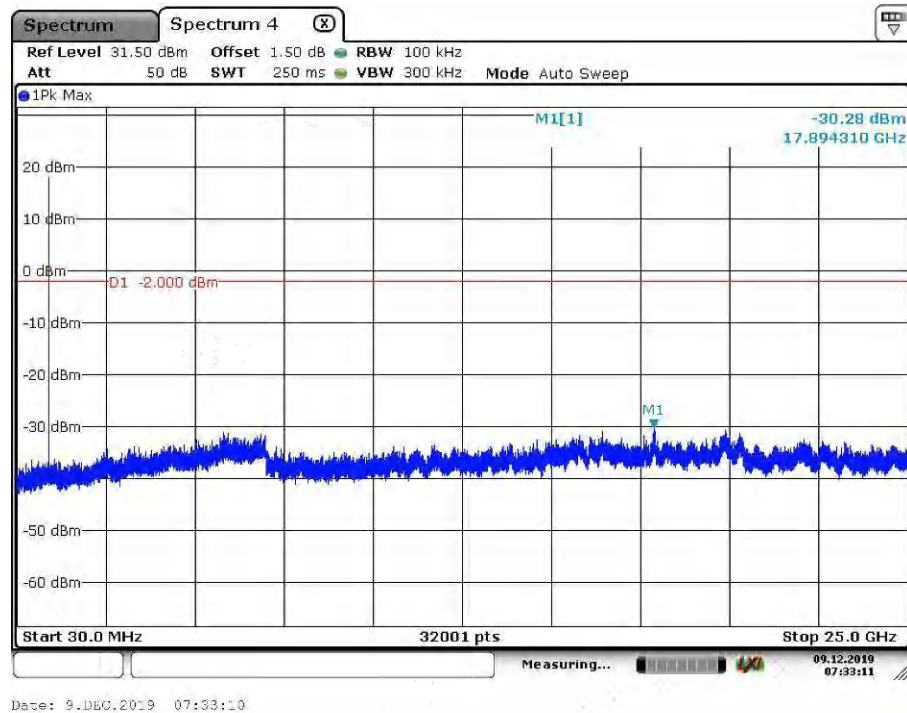
FHSS#3 (DataRate: 150Kbps)
Low Channel



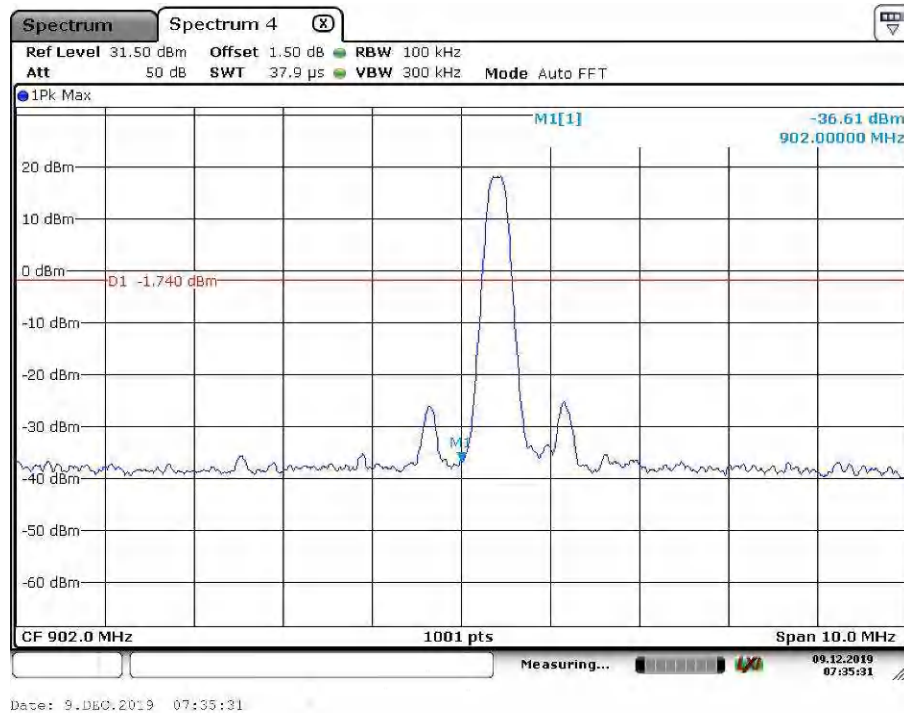
Middle Channel



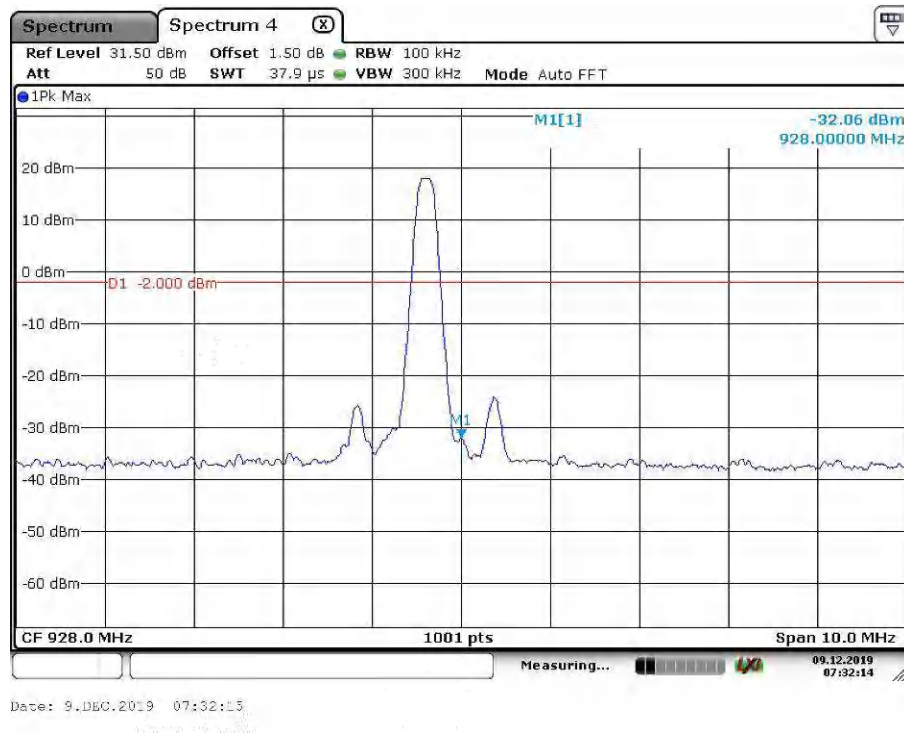
High Channel



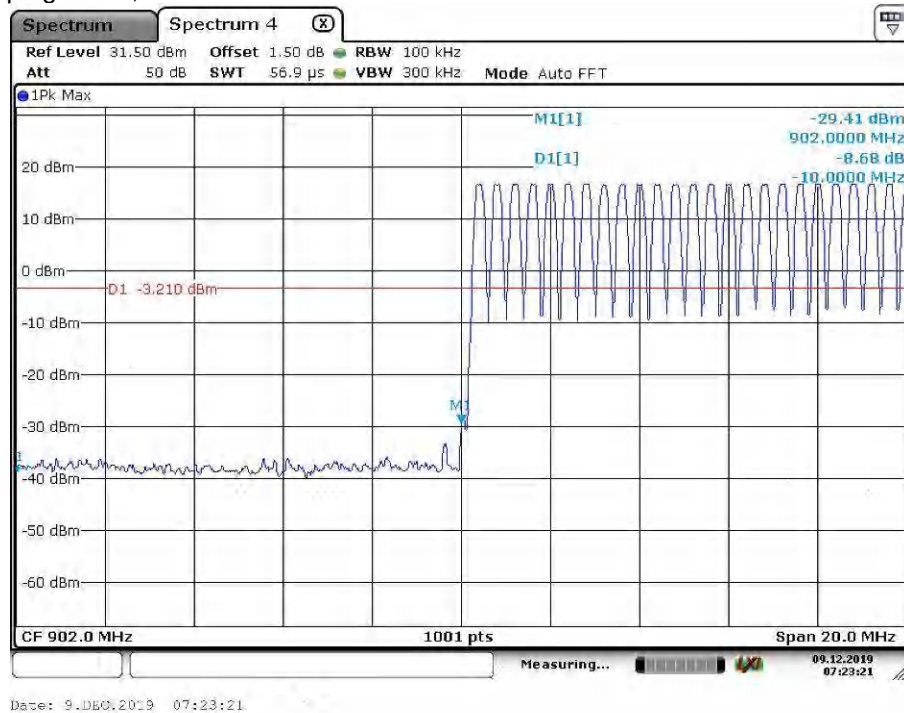
Band Edge, Low Channel



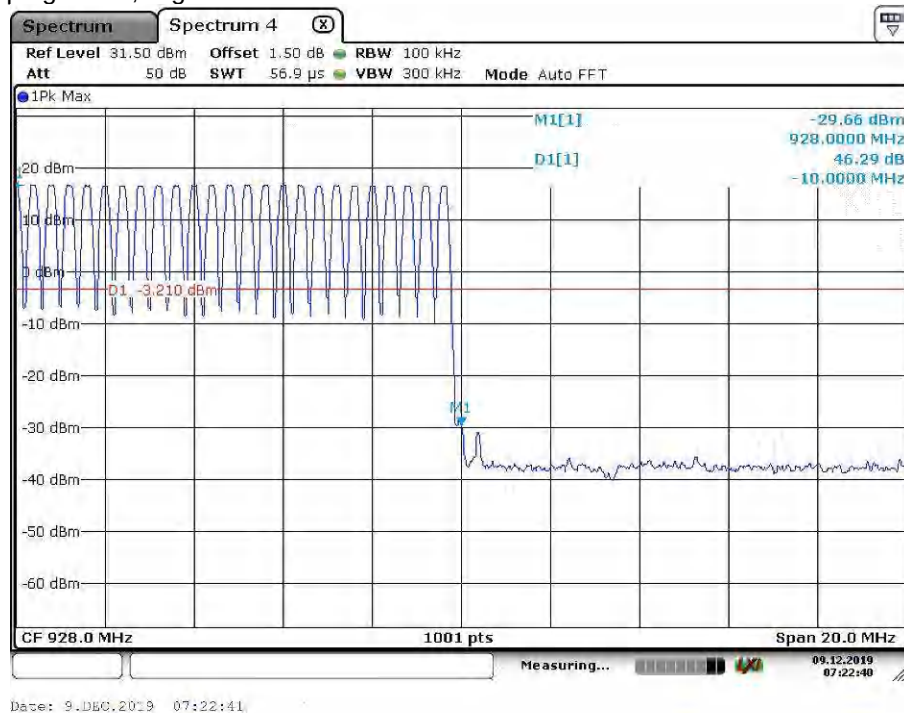
Band Edge, High Channel



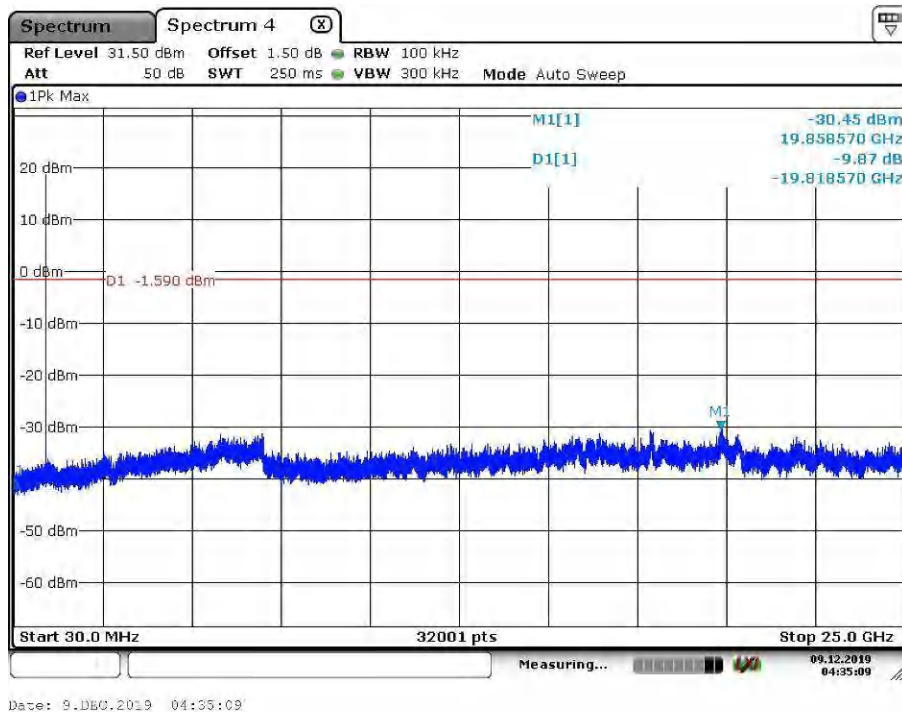
Band Edge, Hopping Mode, Low Channel



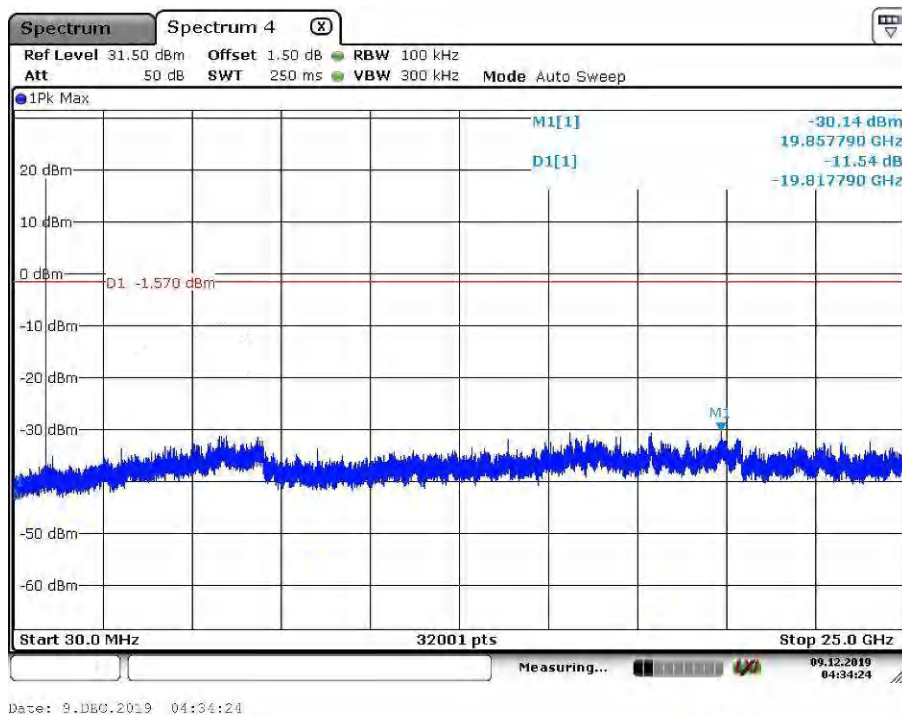
Band Edge, Hopping Mode, High Channel



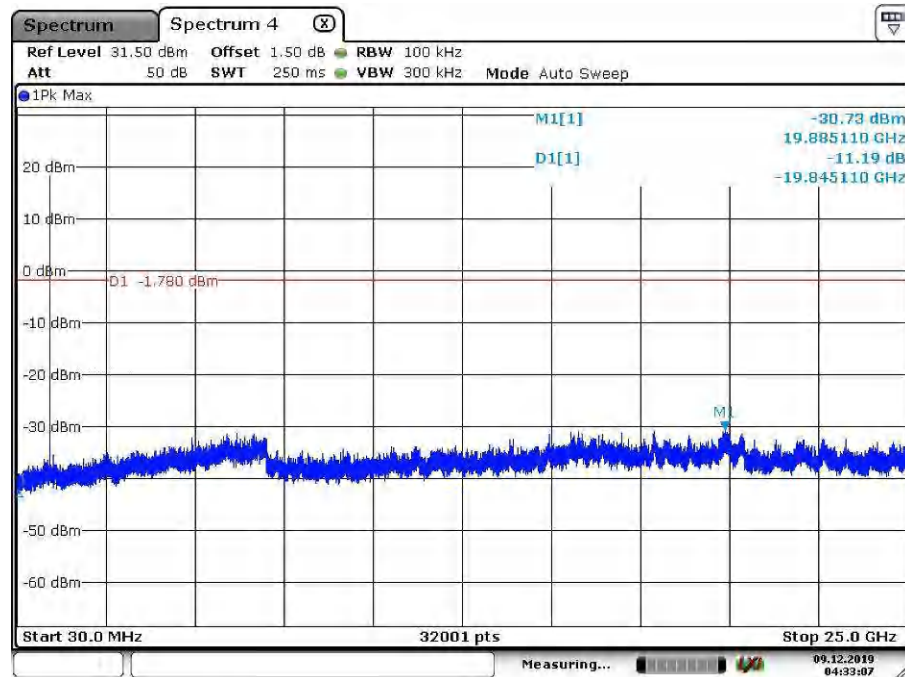
FHSS#4 (DataRate: 50Kbps) Low Channel



Middle Channel

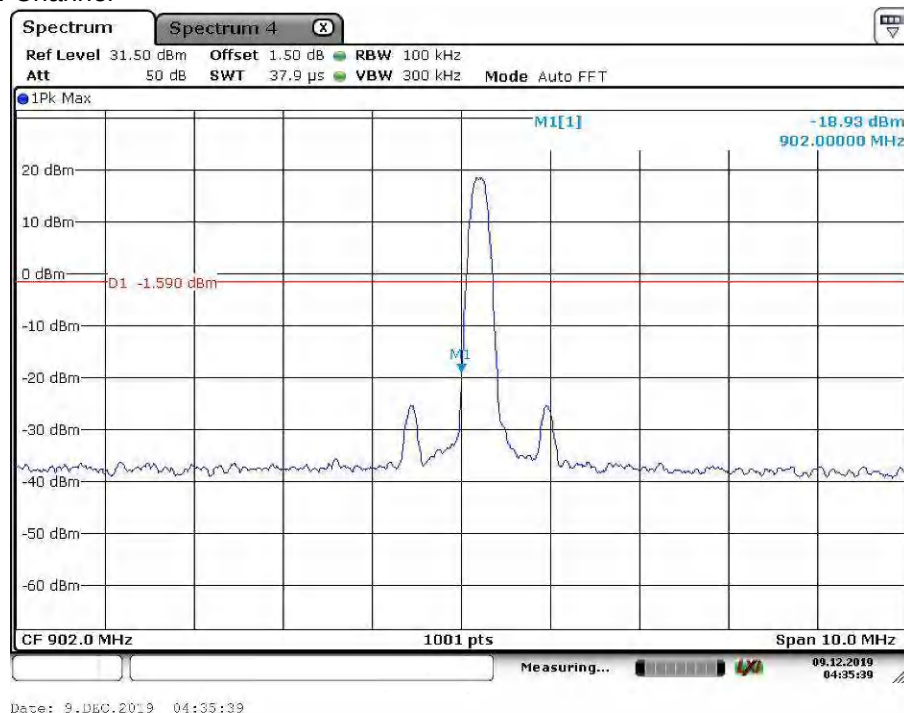


High Channel

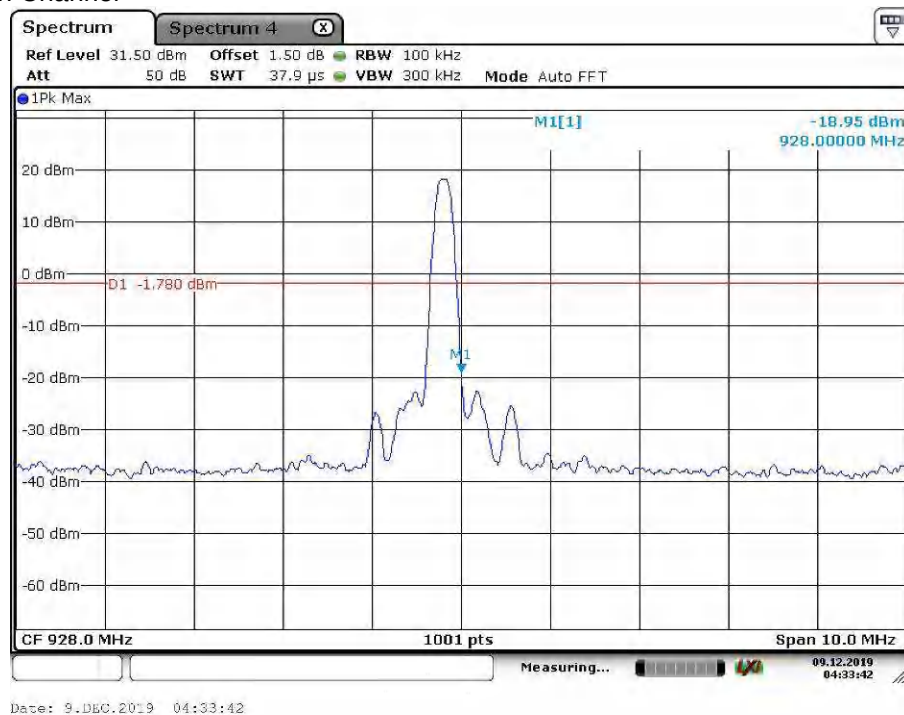


Date: 9.DEC.2019 04:33:07

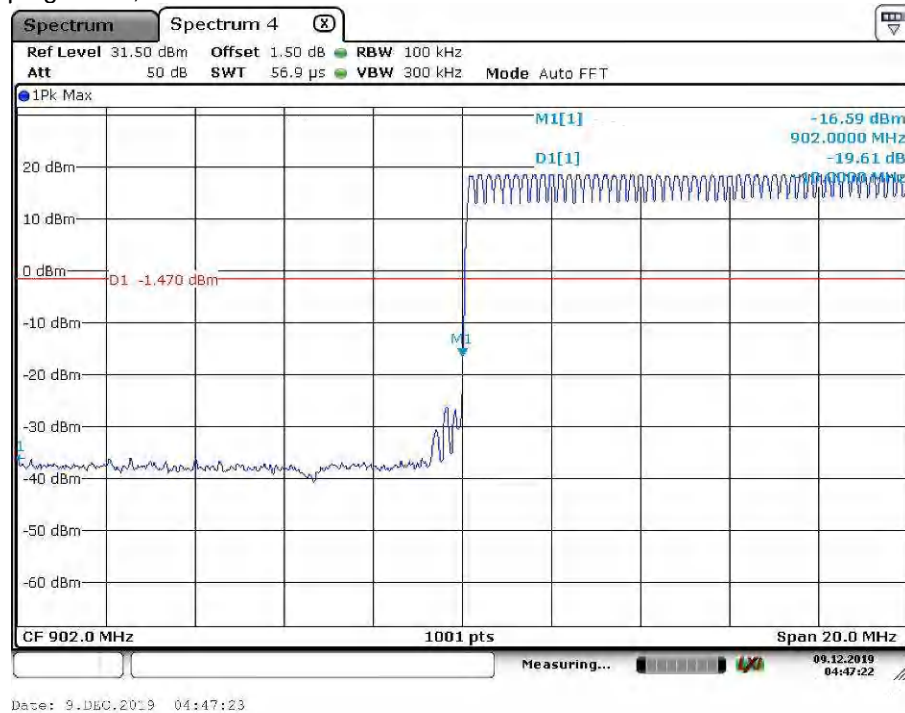
Band Edge, Low Channel



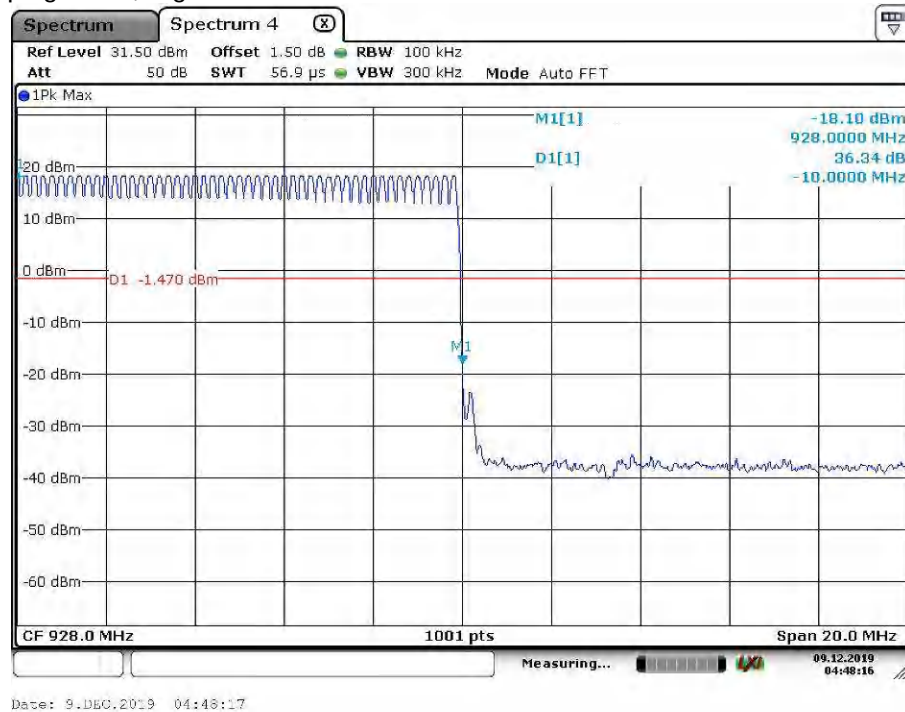
Band Edge, High Channel



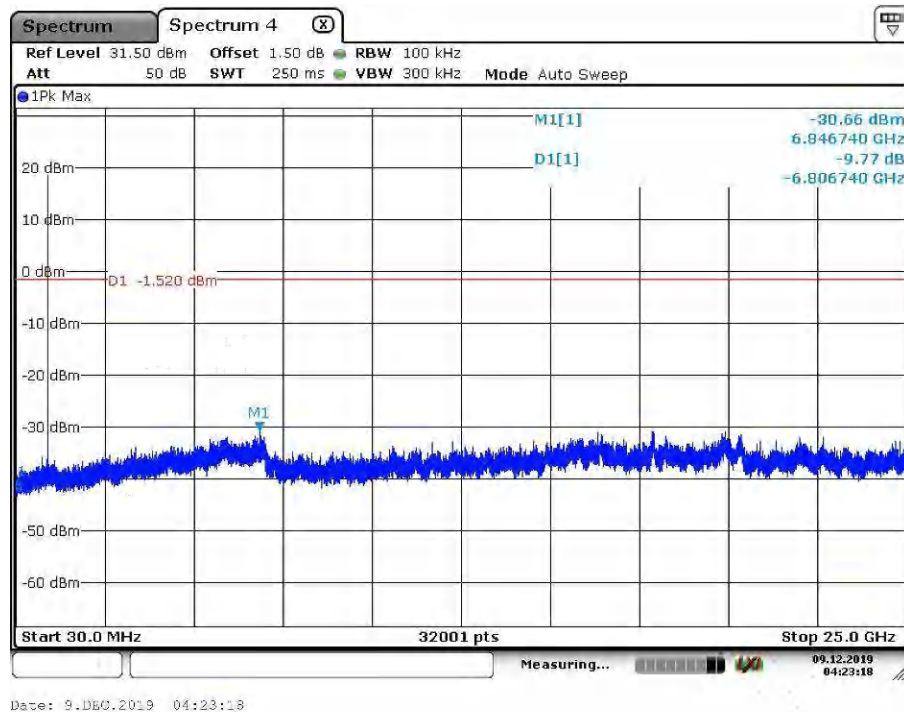
Band Edge, Hopping Mode, Low Channel



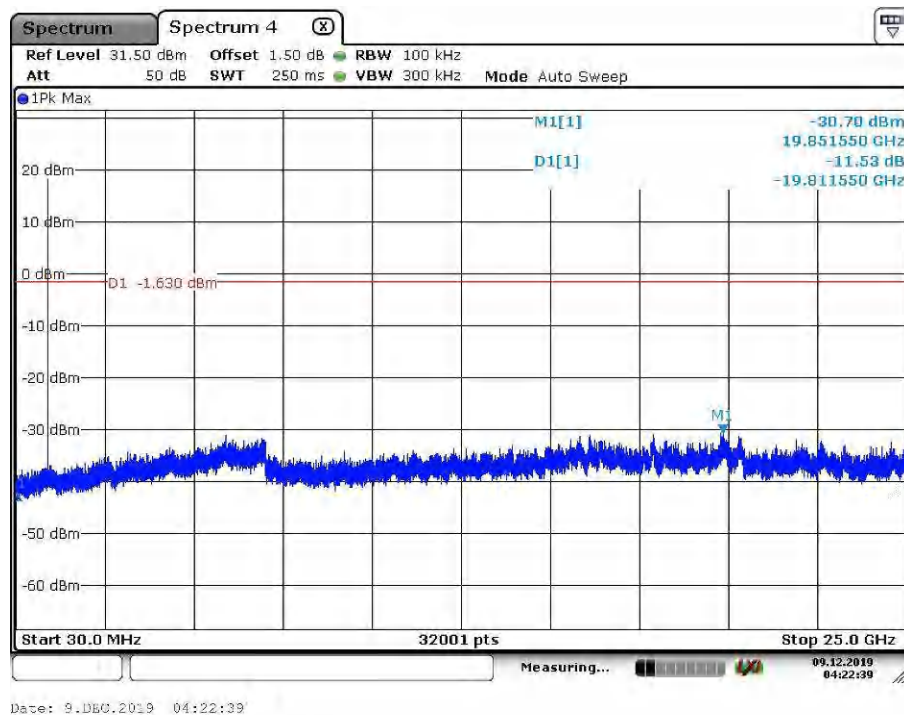
Band Edge, Hopping Mode, High Channel



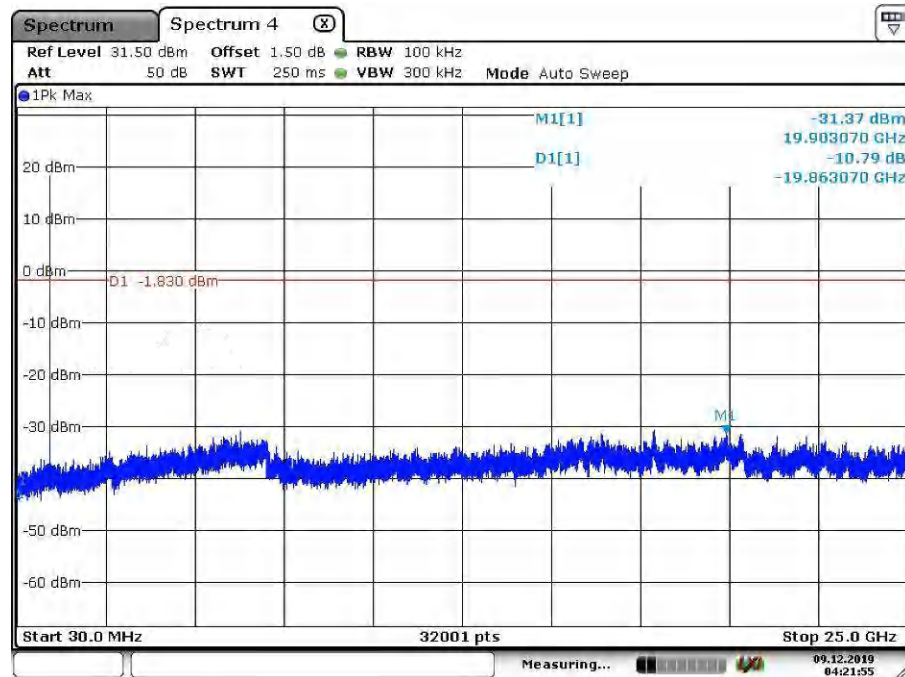
FHSS#5 (DataRate: 5Kbps) Low Channel



Middle Channel

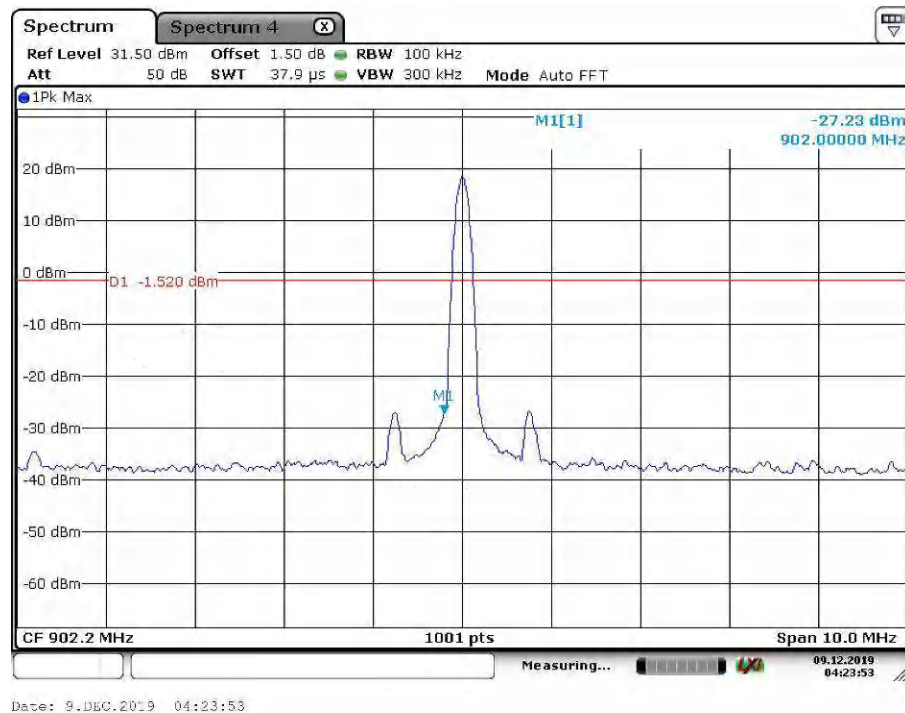


High Channel

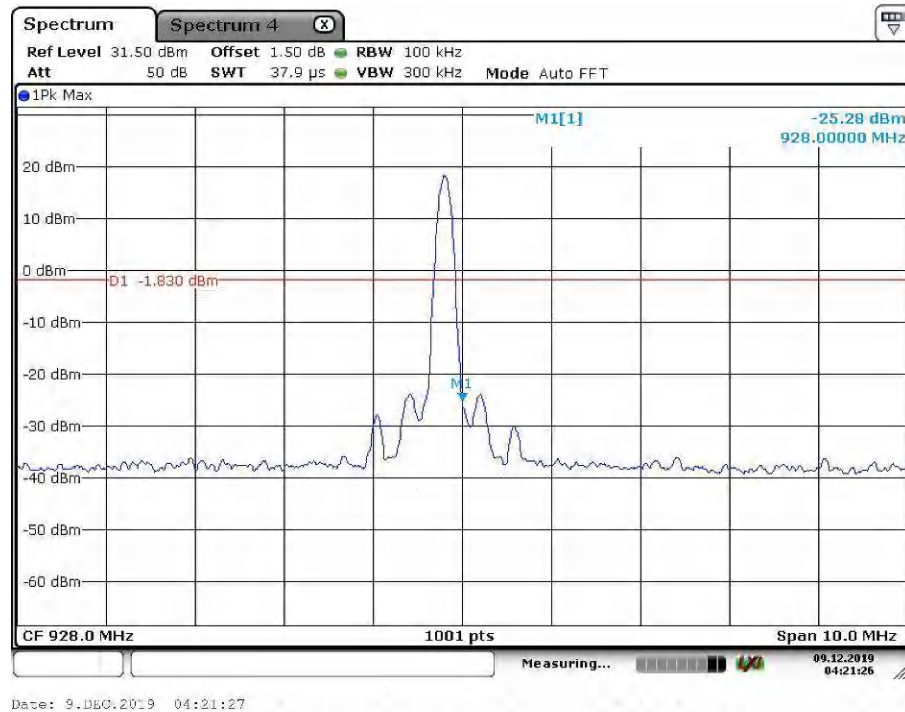


Date: 9.DEC.2019 04:21:55

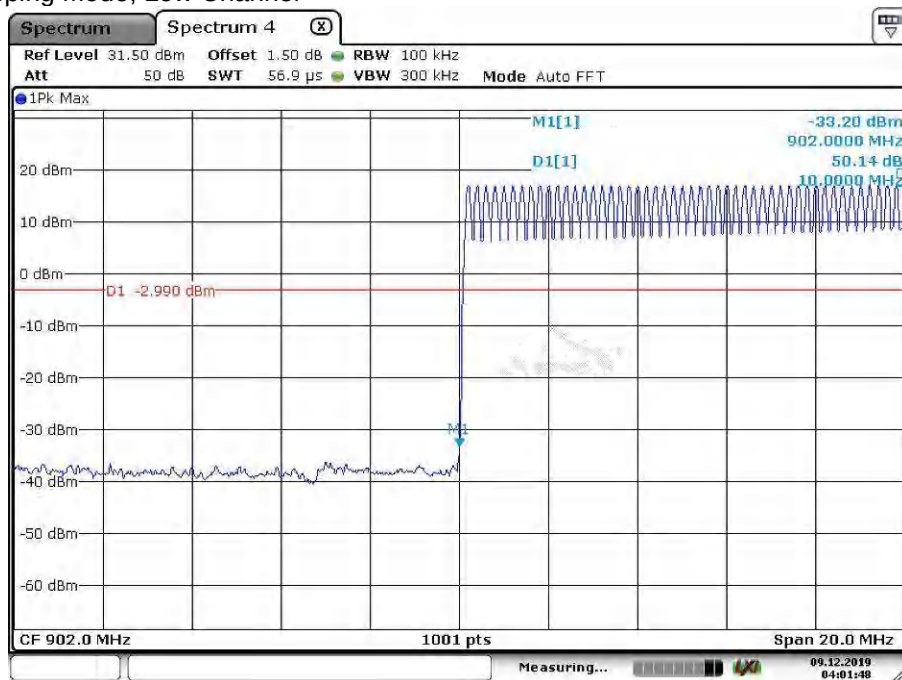
Band Edge, Low Channel



Band Edge, High Channel

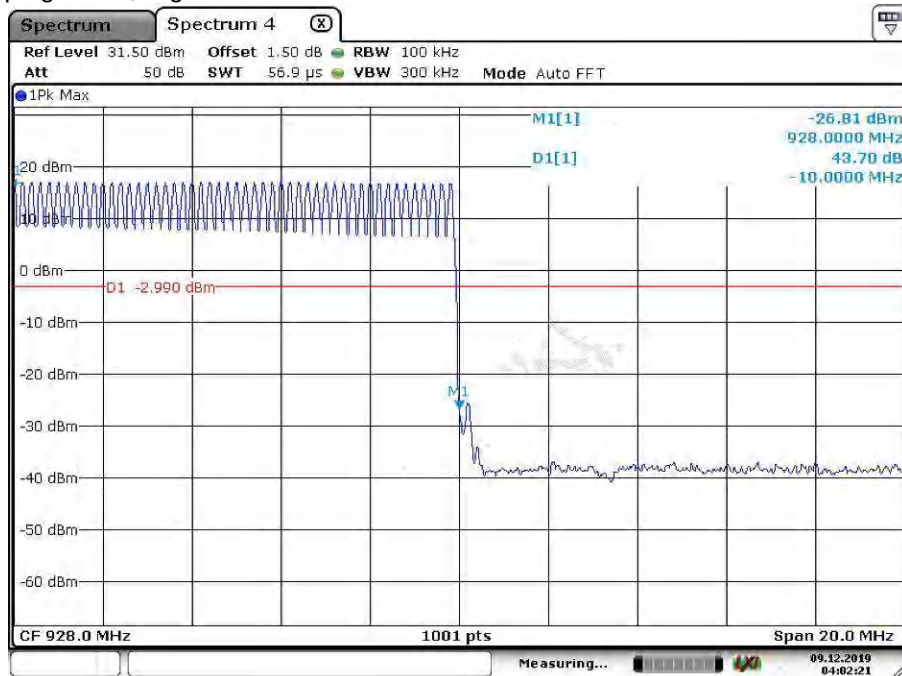


Band Edge, Hopping Mode, Low Channel



Date: 9.DEC.2019 04:01:48

Band Edge, Hopping Mode, High Channel



Date: 9.DEC.2019 04:02:21

Appendix C.7: Test Results of Conducted Emission on AC Mains

FHSS connecting mode

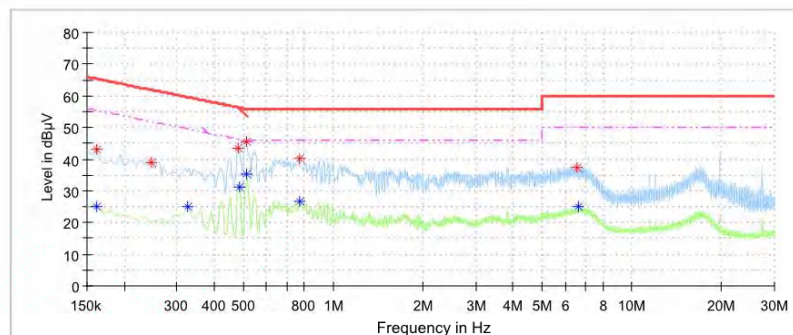
L-FHSS connecting mode

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Test Report

EUT Information

EUT Name:	Solar Pathlight
Model:	5AT1S6
Order No.:	168141103-140
Test Mode:	FHSS connecting mode
Test Voltage:	AC 120V/60Hz
Test By:	Tom Guo
Review By:	Gary Chen



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.162000	---	25.13	55.36	30.23	---	---	L1	9.6
0.162000	43.21	---	65.36	22.15	---	---	L1	9.6
0.246000	39.00	---	61.89	22.89	---	---	L1	9.6
0.326000	---	24.95	49.55	24.60	---	---	L1	9.7
0.482000	43.68	---	56.31	12.62	---	---	L1	9.7
0.486000	---	31.27	46.24	14.96	---	---	L1	9.7
0.512000	45.55	---	56.00	10.45	---	---	L1	9.7
0.516000	---	35.32	46.00	10.68	---	---	L1	9.7
0.772000	40.06	---	56.00	15.94	---	---	L1	9.7
0.776000	---	26.50	46.00	19.50	---	---	L1	9.7
6.532000	37.53	---	60.00	22.47	---	---	L1	10.0
6.636000	---	24.93	50.00	25.07	---	---	L1	10.0

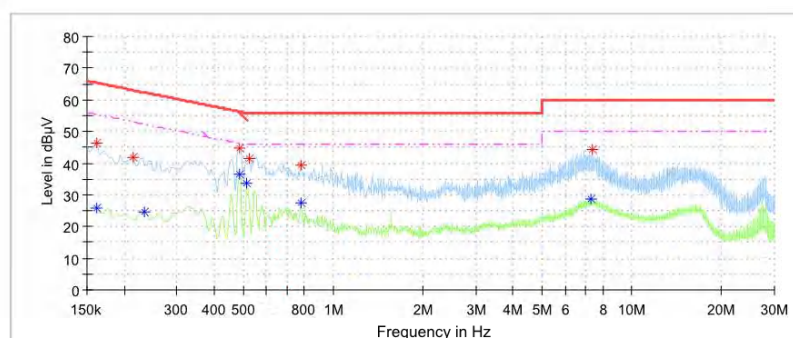
N-FHSS connecting mode

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Test Report

EUT Information

EUT Name:	Solar Pathlight
Model:	5AT1S6
Order No.:	168141103-140
Test Mode:	FHSS connecting mode
Test Voltage:	AC 120V/60Hz
Test By:	Tom Guo
Review By:	Gary Chen



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.162000	---	25.84	55.36	29.52	---	---	N	9.6
0.162000	46.49	---	65.36	18.87	---	---	N	9.6
0.214000	41.74	---	63.05	21.30	---	---	N	9.6
0.234000	---	24.42	52.31	27.89	---	---	N	9.6
0.486000	44.76	---	56.24	11.48	---	---	N	9.7
0.486000	---	36.67	46.24	9.57	---	---	N	9.7
0.516000	---	33.56	46.00	12.44	---	---	N	9.7
0.524000	41.31	---	56.00	14.69	---	---	N	9.7
0.780000	---	27.51	46.00	18.49	---	---	N	9.7
0.784000	39.20	---	56.00	16.80	---	---	N	9.7
7.312000	---	28.64	50.00	21.36	---	---	N	10.0
7.348000	44.11	---	60.00	15.89	---	---	N	10.0