

# Appendix for 5G NR N38

Model: ANY-NX1

BTL-FCCP-8-2203G020

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## 1. APPENDIX A - EFFECTIVE (ISOTROPIC) RADIATED POWER OUTPUT DATA

### 1.1 TEST RESULTS

SCS [kHz]	BW [Mhz]	Channel	Freq [Mhz]	Modulation	RB config	Measured conducted power [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
30	20	Low	2580	DFT-s-OFDM PI/2 BPSK	Edge_1RB_Left	22.23	23.33	<33	PASS
30	20	Low	2580	DFT-s-OFDM PI/2 BPSK	Edge_1RB_Right	22.75	23.85	<33	PASS
30	20	Low	2580	DFT-s-OFDM PI/2 BPSK	Outer_Full	21.76	22.86	<33	PASS
30	20	Low	2580	DFT-s-OFDM PI/2 BPSK	Inner_Full	23.12	24.22	<33	PASS
30	20	Low	2580	DFT-s-OFDM QPSK	Edge_1RB_Left	21.73	22.83	<33	PASS
30	20	Low	2580	DFT-s-OFDM QPSK	Edge_1RB_Right	22.19	23.29	<33	PASS
30	20	Low	2580	DFT-s-OFDM QPSK	Outer_Full	22.02	23.12	<33	PASS
30	20	Low	2580	DFT-s-OFDM QPSK	Inner_Full	23.07	24.17	<33	PASS
30	20	Low	2580	DFT-s-OFDM 16QAM	Edge_1RB_Left	21.4	22.5	<33	PASS
30	20	Low	2580	DFT-s-OFDM 16QAM	Edge_1RB_Right	21.4	22.5	<33	PASS
30	20	Low	2580	DFT-s-OFDM 16QAM	Outer_Full	21.81	22.91	<33	PASS
30	20	Low	2580	DFT-s-OFDM 16QAM	Inner_Full	20.42	21.52	<33	PASS
30	20	Middle	2595	DFT-s-OFDM PI/2 BPSK	Edge_1RB_Left	22.57	23.67	<33	PASS
30	20	Middle	2595	DFT-s-OFDM PI/2 BPSK	Edge_1RB_Right	22.93	24.03	<33	PASS
30	20	Middle	2595	DFT-s-OFDM PI/2 BPSK	Outer_Full	22.13	23.23	<33	PASS
30	20	Middle	2595	DFT-s-OFDM PI/2 BPSK	Inner_Full	23.33	24.43	<33	PASS
30	20	Middle	2595	DFT-s-OFDM QPSK	Edge_1RB_Left	22.01	23.11	<33	PASS
30	20	Middle	2595	DFT-s-OFDM QPSK	Edge_1RB_Right	22.5	23.6	<33	PASS
30	20	Middle	2595	DFT-s-OFDM QPSK	Outer_Full	22.3	23.4	<33	PASS
30	20	Middle	2595	DFT-s-OFDM QPSK	Inner_Full	23.31	24.41	<33	PASS
30	20	Middle	2595	DFT-s-OFDM 16QAM	Inner_Full	19.57	19.57	<33	PASS
30	20	Middle	2595	DFT-s-OFDM 16QAM	Inner_1RB_Left	21.5	21.5	<33	PASS
30	20	Middle	2595	DFT-s-OFDM 16QAM	Inner_1RB_Right	21.82	21.82	<33	PASS
30	20	Middle	2595	DFT-s-OFDM 16QAM	Outer_Full	20.7	20.7	<33	PASS
30	20	High	2610	DFT-s-OFDM PI/2 BPSK	Edge_1RB_Left	23.02	24.12	<33	PASS

SCS [kHz]	BW [Mhz]	Channel	Freq [Mhz]	Modulation	RB config	Measured conducted power [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
30	20	High	2610	DFT-s-OFDM PI/2 BPSK	Edge_1RB_Right	23.3	24.4	<33	PASS
30	20	High	2610	DFT-s-OFDM PI/2 BPSK	Outer_Full	22.54	23.64	<33	PASS
30	20	High	2610	DFT-s-OFDM PI/2 BPSK	Inner_Full	23.66	24.76	<33	PASS
30	20	High	2610	DFT-s-OFDM QPSK	Edge_1RB_Left	22.57	23.67	<33	PASS
30	20	High	2610	DFT-s-OFDM QPSK	Edge_1RB_Right	22.86	23.96	<33	PASS
30	20	High	2610	DFT-s-OFDM QPSK	Outer_Full	22.7	23.8	<33	PASS
30	20	High	2610	DFT-s-OFDM QPSK	Inner_Full	23.81	24.91	<33	PASS
30	20	High	2610	DFT-s-OFDM 16QAM	Inner_Full	22.07	22.07	<33	PASS
30	20	High	2610	DFT-s-OFDM 16QAM	Inner_1RB_Left	22.01	22.01	<33	PASS
30	20	High	2610	DFT-s-OFDM 16QAM	Inner_1RB_Right	22.13	22.13	<33	PASS
30	20	High	2610	DFT-s-OFDM 16QAM	Outer_Full	21.02	21.02	<33	PASS

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

### 2.1 TEST RESULTS

NR Band	SCS [kHz]	BW [Mhz]	Channel	Freq [Mhz]	Modulation	RB config	Measured [dBm]	Limit [dBm]	Verdict
N38	30	20	Middle	2595.0	DFT-s-OFDM PI/2 BPSK	Outer_Full	10.18	≤13	PASS
N38	30	20	Middle	2595.0	DFT-s-OFDM QPSK	Outer_Full	8.54	≤13	PASS
N38	30	20	Middle	2595.0	DFT-s-OFDM 16QAM	Outer_Full	8.58	≤13	PASS
N38	30	20	Middle	2595.0	DFT-s-OFDM 64QAM	Outer_Full	8.48	≤13	PASS
N38	30	20	Middle	2595.0	DFT-s-OFDM 256QAM	Outer_Full	8.6	≤13	PASS
N38	30	20	Middle	2595.0	CP-OFDM QPSK	Outer_Full	9.44	≤13	PASS
N38	30	20	Middle	2595.0	CP-OFDM 16QAM	Outer_Full	9.3	≤13	PASS
N38	30	20	Middle	2595.0	CP-OFDM 64QAM	Outer_Full	8.73	≤13	PASS
N38	30	20	Middle	2595.0	CP-OFDM 256QAM	Outer_Full	8.95	≤13	PASS

### 3. APPENDIX C - MODULATION CHARACTERISTICS

#### 3.1 TEST RESULTS

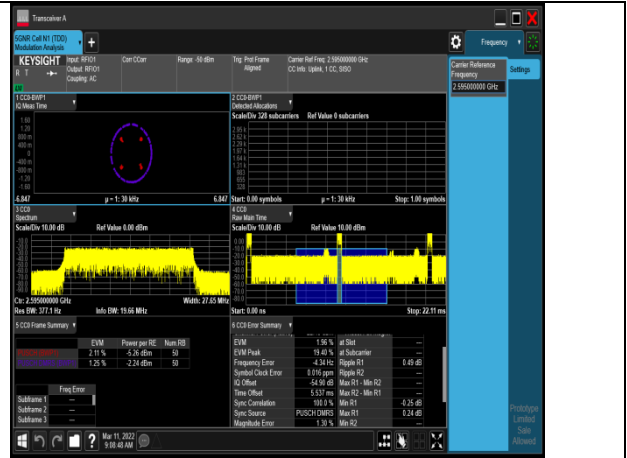
NR Band	SCS [kHz]	BW [Mhz]	Channel	Freq [Mhz]	Modulation	RB config	Verdict
N38	30	20	Middle	2595.0	DFT-s-OFDM PI/2 BPSK	Outer_Full	PASS
N38	30	20	Middle	2595.0	DFT-s-OFDM QPSK	Outer_Full	PASS
N38	30	20	Middle	2595.0	DFT-s-OFDM 16QAM	Outer_Full	PASS
N38	30	20	Middle	2595.0	DFT-s-OFDM 64QAM	Outer_Full	PASS
N38	30	20	Middle	2595.0	DFT-s-OFDM 256QAM	Outer_Full	PASS
N38	30	20	Middle	2595.0	CP-OFDM QPSK	Outer_Full	PASS
N38	30	20	Middle	2595.0	CP-OFDM 16QAM	Outer_Full	PASS
N38	30	20	Middle	2595.0	CP-OFDM 64QAM	Outer_Full	PASS
N38	30	20	Middle	2595.0	CP-OFDM 256QAM	Outer_Full	PASS

## 3.2 TEST PLOTS

### 3.2.1 CHANNEL BANDWIDTH=20MHZ



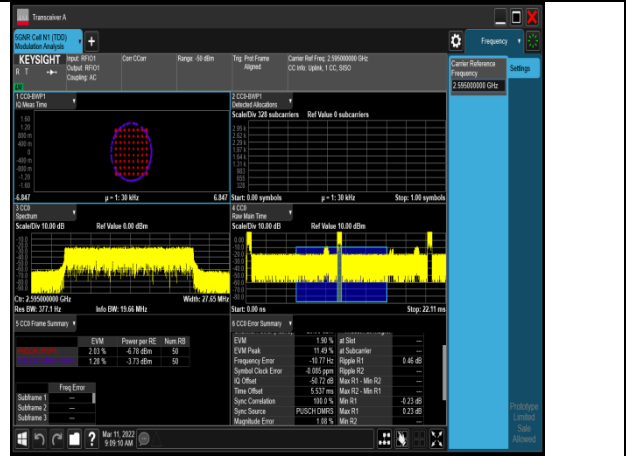
1-N38-PC3-30-20-M-1-DFT-s-OFDM BPSK-Outer\_Full-25@12-Ant1-see graph-PASS



1-N38-PC3-30-20-M-2-DFT-s-OFDM QPSK-Outer\_Full-25@12-Ant1-see graph-PASS



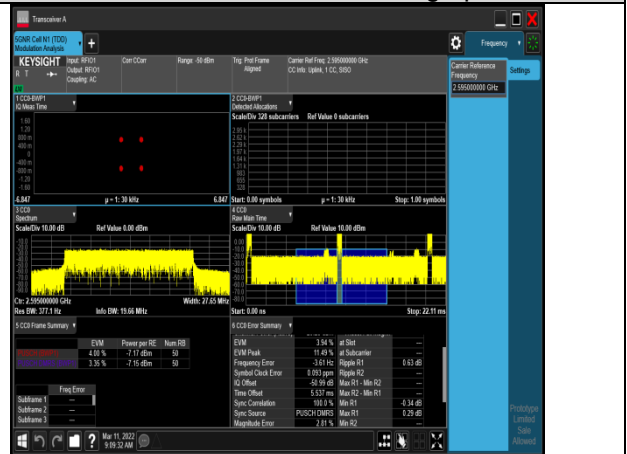
1-N38-PC3-30-20-M-3-DFT-s-OFDM 16QAM-Outer\_Full-25@12-Ant1-see graph-PASS



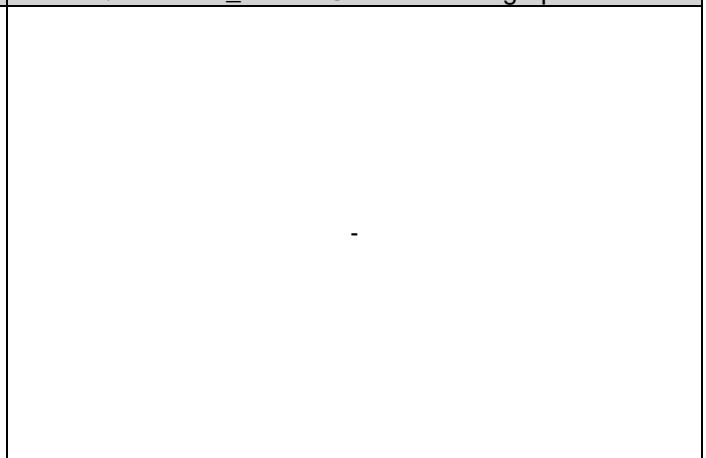
1-N38-PC3-30-20-M-4-DFT-s-OFDM 64QAM-Outer\_Full-25@12-Ant1-see graph-PASS



1-N38-PC3-30-20-M-5-DFT-s-OFDM 256QAM-Outer\_Full-25@12-Ant1-see graph-PASS



1-N38-PC3-30-20-M-6-CP-OFDM QPSK-Outer\_Full-25@12-Ant1-see graph-PASS





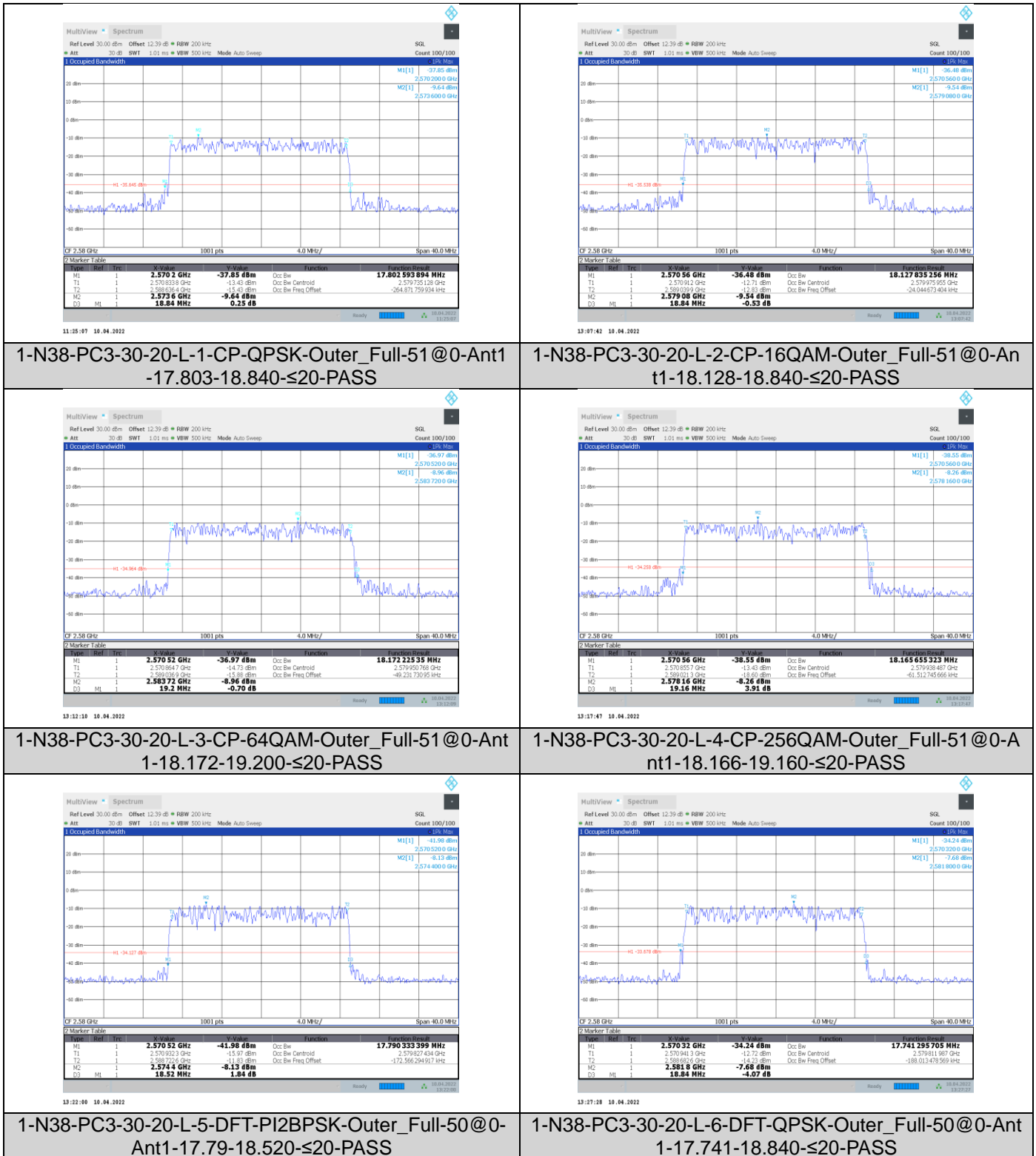
## 4. APPENDIX D - BANDWIDTH

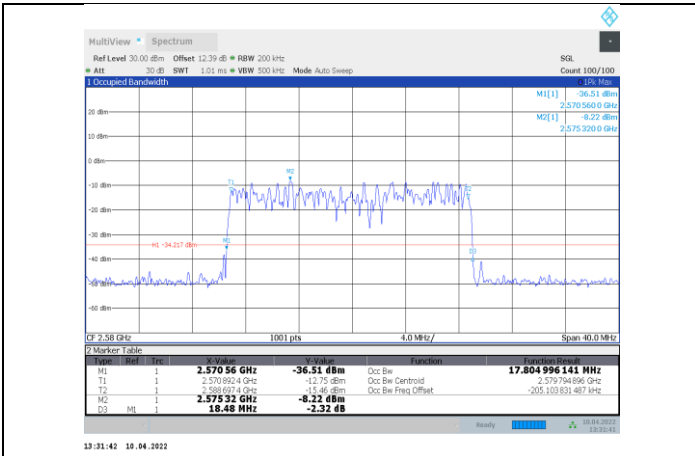
### 4.1 TEST RESULTS

NR Band	SCS [kHz]	BW [MHz]	Channel	Freq [Mhz]	Modulation	RB config	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
N38	30	20	Low	2580.0	CP-QPSK	Outer_Full	17.803	18.840	PASS
N38	30	20	Low	2580.0	CP-16QAM	Outer_Full	18.128	18.840	PASS
N38	30	20	Low	2580.0	CP-64QAM	Outer_Full	18.172	19.200	PASS
N38	30	20	Low	2580.0	CP-256QAM	Outer_Full	18.166	19.160	PASS
N38	30	20	Low	2580.0	DFT-PI2BPSK	Outer_Full	17.79	18.520	PASS
N38	30	20	Low	2580.0	DFT-QPSK	Outer_Full	17.741	18.840	PASS
N38	30	20	Low	2580.0	DFT-16QAM	Outer_Full	17.805	18.480	PASS
N38	30	20	Low	2580.0	DFT-64QAM	Outer_Full	17.768	18.920	PASS
N38	30	20	Low	2580.0	DFT-256QAM	Outer_Full	17.785	18.560	PASS
N38	30	20	Middle	2595.0	CP-QPSK	Outer_Full	18.121	18.880	PASS
N38	30	20	Middle	2595.0	CP-16QAM	Outer_Full	18.188	18.920	PASS
N38	30	20	Middle	2595.0	CP-64QAM	Outer_Full	18.243	19.040	PASS
N38	30	20	Middle	2595.0	CP-256QAM	Outer_Full	18.229	18.920	PASS
N38	30	20	Middle	2595.0	DFT-PI2BPSK	Outer_Full	17.785	18.880	PASS
N38	30	20	Middle	2595.0	DFT-QPSK	Outer_Full	17.963	18.800	PASS
N38	30	20	Middle	2595.0	DFT-16QAM	Outer_Full	17.91	18.920	PASS
N38	30	20	Middle	2595.0	DFT-64QAM	Outer_Full	17.768	18.560	PASS
N38	30	20	Middle	2595.0	DFT-256QAM	Outer_Full	17.878	18.560	PASS
N38	30	20	High	2610.0	CP-QPSK	Outer_Full	18.218	19.360	PASS
N38	30	20	High	2610.0	CP-16QAM	Outer_Full	18.278	19.120	PASS
N38	30	20	High	2610.0	CP-64QAM	Outer_Full	18.191	18.840	PASS
N38	30	20	High	2610.0	CP-256QAM	Outer_Full	18.071	19.080	PASS
N38	30	20	High	2610.0	DFT-PI2BPSK	Outer_Full	17.686	18.520	PASS
N38	30	20	High	2610.0	DFT-QPSK	Outer_Full	17.753	18.520	PASS
N38	30	20	High	2610.0	DFT-16QAM	Outer_Full	17.816	18.880	PASS
N38	30	20	High	2610.0	DFT-64QAM	Outer_Full	17.65	18.640	PASS
N38	30	20	High	2610.0	DFT-256QAM	Outer_Full	8.518	9.600	PASS

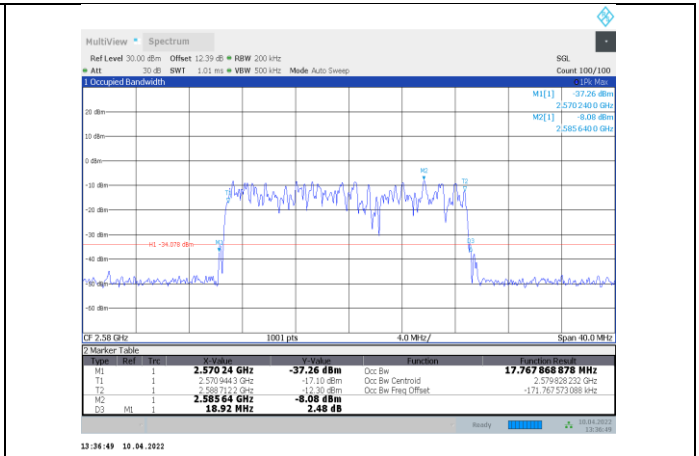
## 4.2 TEST PLOTS

### 4.2.1 CHANNEL BANDWIDTH=20MHZ

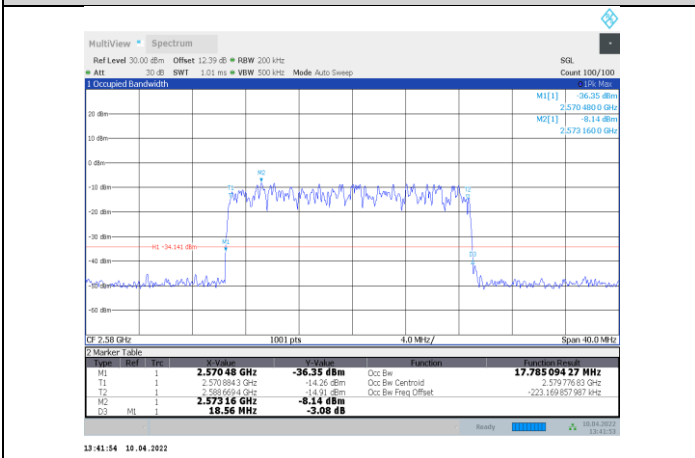




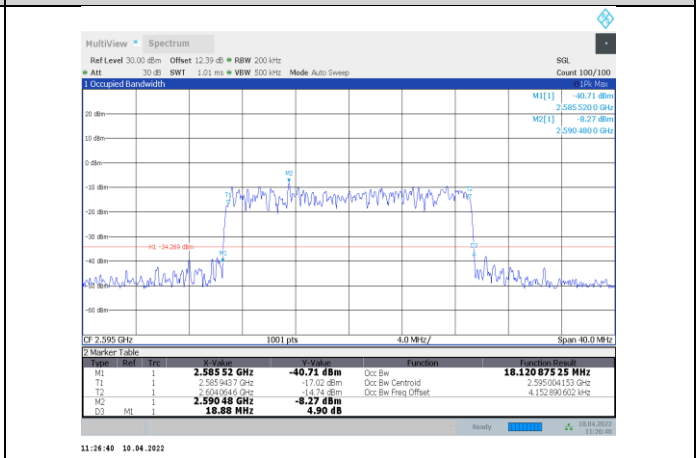
1-N38-PC3-30-20-L-7-DFT-16QAM-Outer\_Full-50@0-A  
nt1-17.805-18.480- $\leq 20$ -PASS



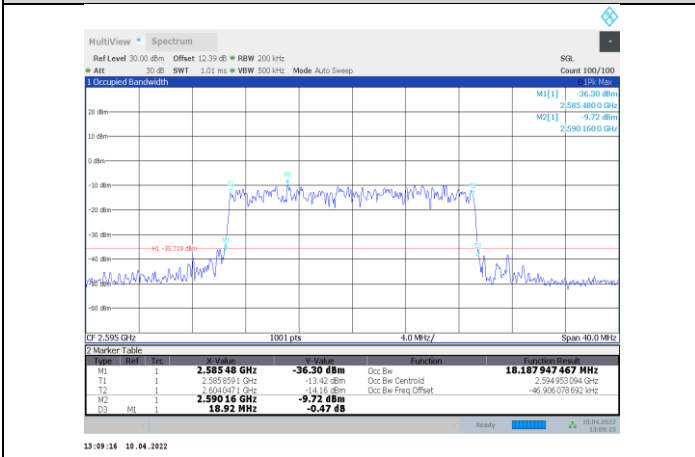
1-N38-PC3-30-20-L-8-DFT-64QAM-Outer\_Full-50@0-A  
nt1-17.768-18.920- $\leq 20$ -PASS



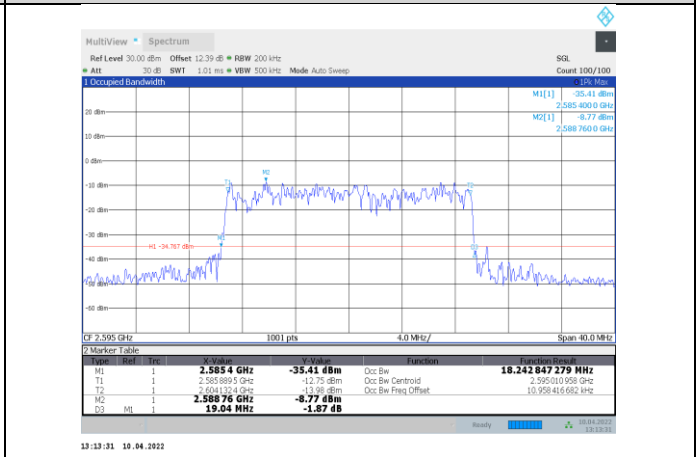
1-N38-PC3-30-20-L-9-DFT-256QAM-Outer\_Full-50@0-A  
Ant1-17.785-18.560- $\leq 20$ -PASS



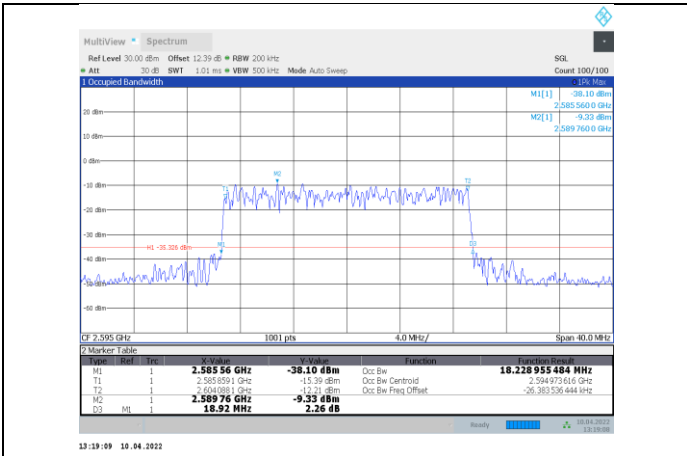
1-N38-PC3-30-20-M-1-CP-QPSK-Outer\_Full-51@0-Ant  
1-18.121-18.880- $\leq 20$ -PASS



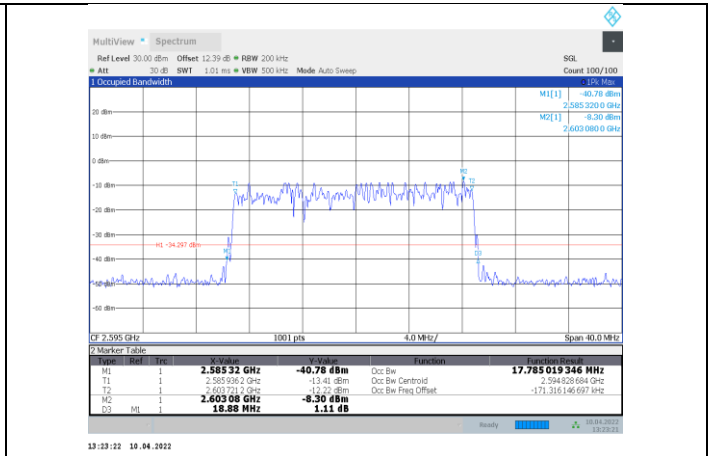
1-N38-PC3-30-20-M-2-CP-16QAM-Outer\_Full-51@0-Ant  
t1-18.188-18.920- $\leq 20$ -PASS



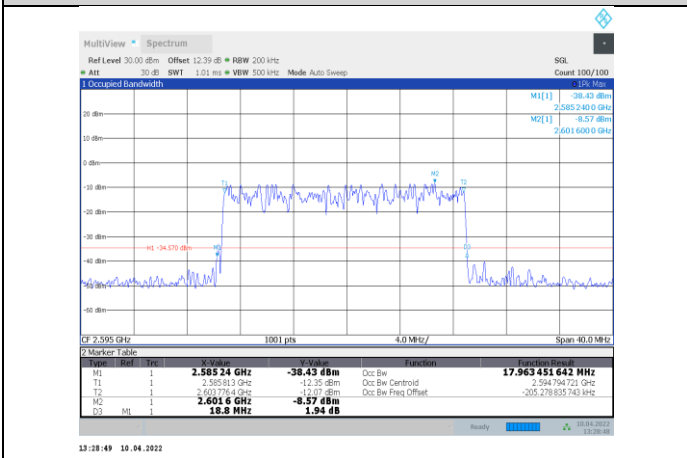
1-N38-PC3-30-20-M-3-CP-64QAM-Outer\_Full-51@0-A  
nt1-18.243-19.040- $\leq 20$ -PASS



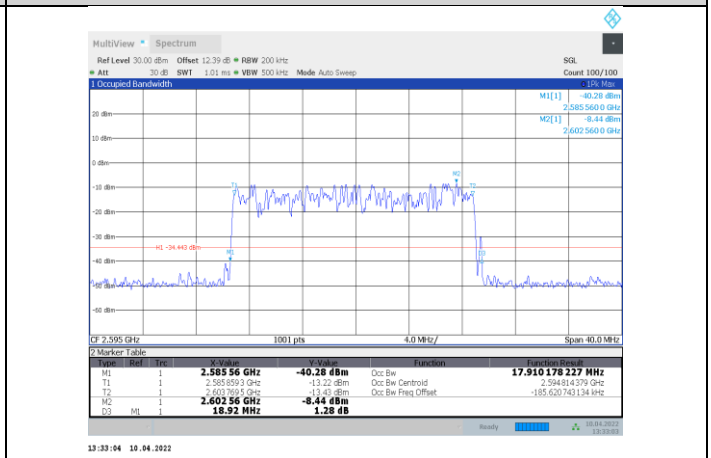
1-N38-PC3-30-20-M-4-CP-256QAM-Outer\_Full-51@0-Ant1-18.229-18.920-≤20-PASS



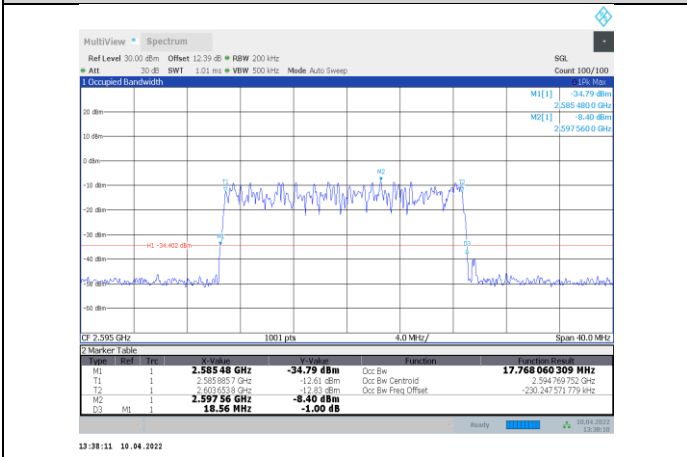
1-N38-PC3-30-20-M-5-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-17.785-18.880-≤20-PASS



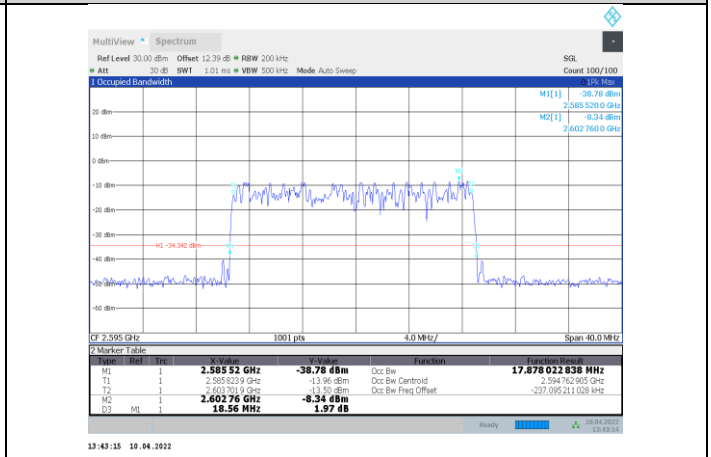
1-N38-PC3-30-20-M-6-DFT-QPSK-Outer\_Full-50@0-Ant1-17.963-18.800-≤20-PASS



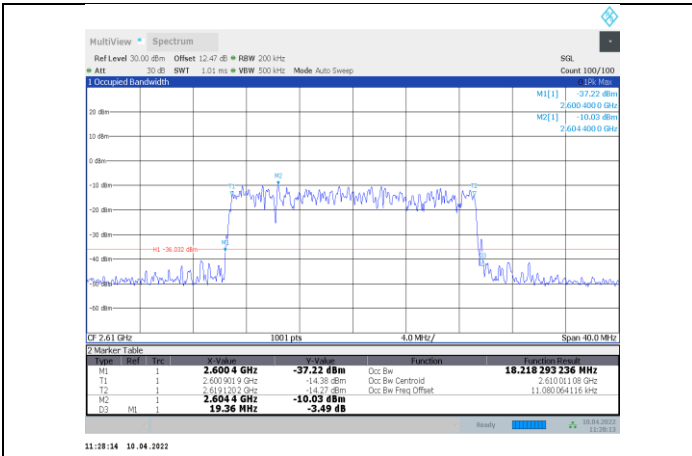
1-N38-PC3-30-20-M-7-DFT-16QAM-Outer\_Full-50@0-Ant1-17.91-18.920-≤20-PASS



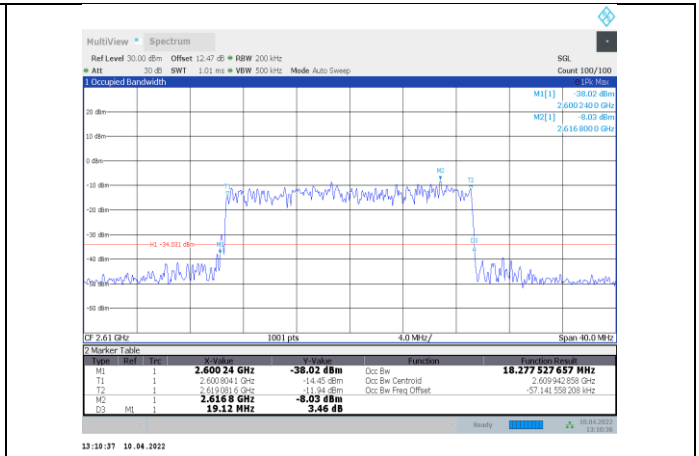
1-N38-PC3-30-20-M-8-DFT-64QAM-Outer\_Full-50@0-Ant1-17.768-18.560-≤20-PASS



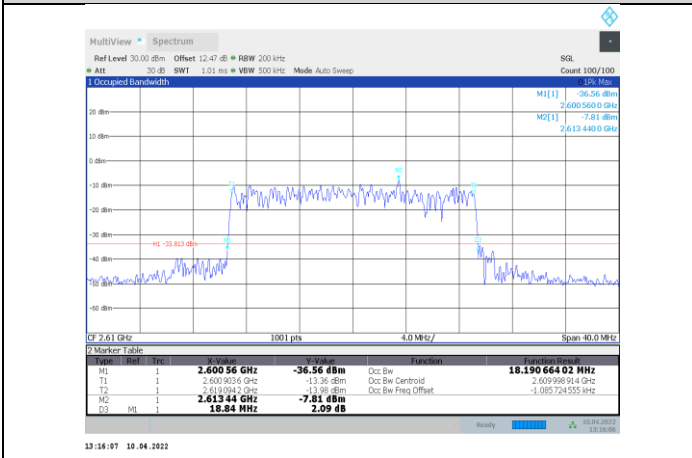
1-N38-PC3-30-20-M-9-DFT-256QAM-Outer\_Full-50@0-Ant1-17.878-18.560-≤20-PASS



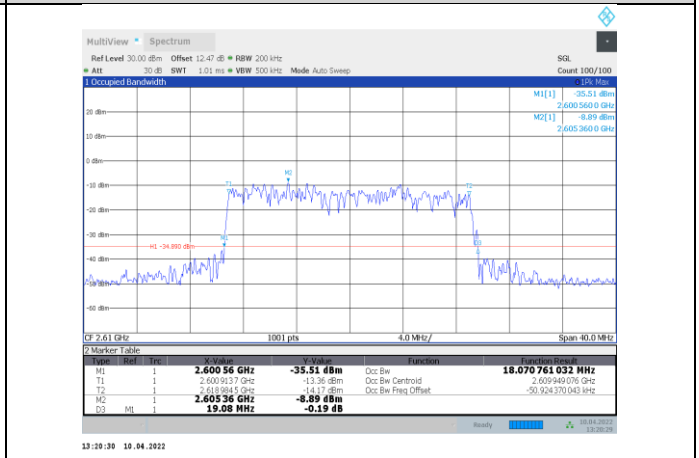
1-N38-PC3-30-20-H-1-CP-QPSK-Outer\_Full-51@0-Ant1-18.218-19.360-<math>\leq 20</math>-PASS



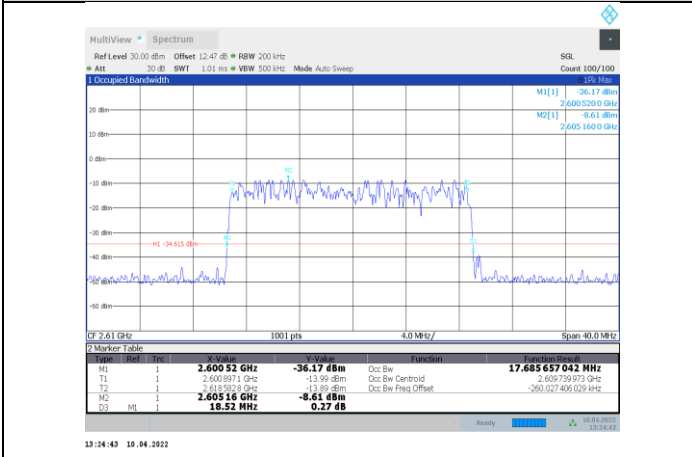
1-N38-PC3-30-20-H-2-CP-16QAM-Outer\_Full-51@0-Ant1-18.278-19.120-<math>\leq 20</math>-PASS



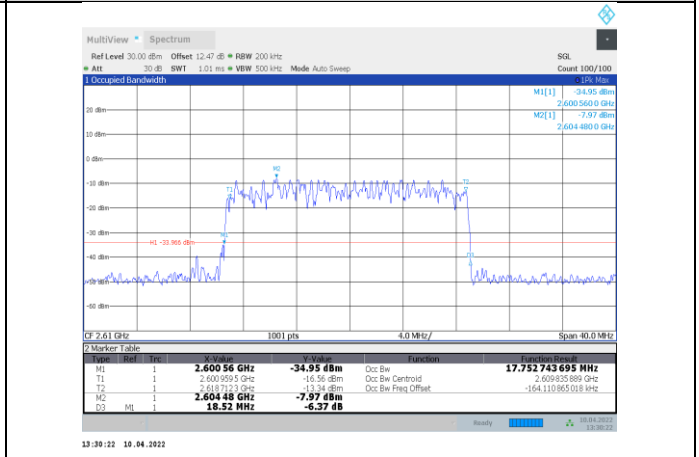
1-N38-PC3-30-20-H-3-CP-64QAM-Outer\_Full-51@0-Ant1-18.191-18.840-<math>\leq 20</math>-PASS



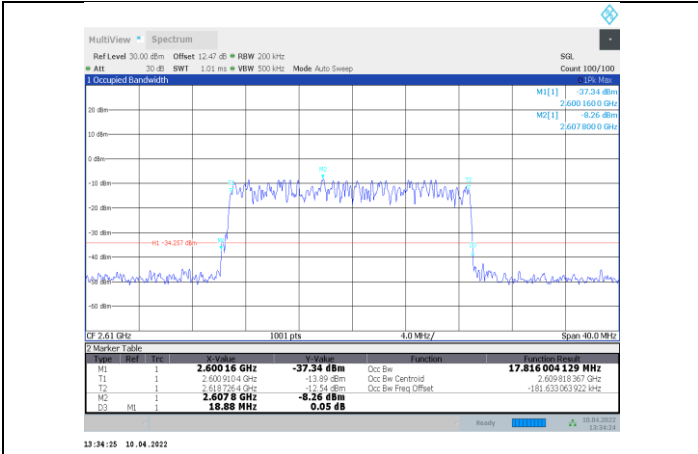
1-N38-PC3-30-20-H-4-CP-256QAM-Outer\_Full-51@0-Ant1-18.071-19.080-<math>\leq 20</math>-PASS



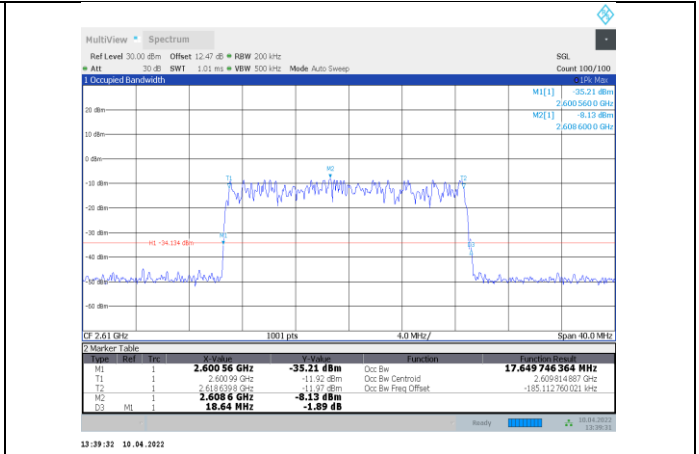
1-N38-PC3-30-20-H-5-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-17.686-18.520-<math>\leq 20</math>-PASS



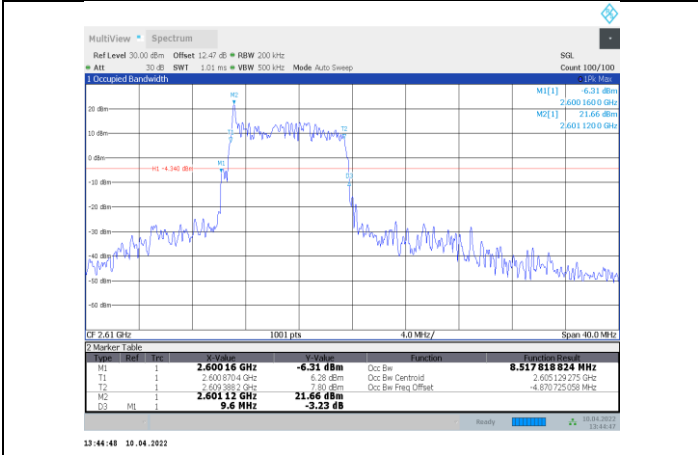
1-N38-PC3-30-20-H-6-DFT-QPSK-Outer\_Full-50@0-Ant1-17.753-18.520-<math>\leq 20</math>-PASS



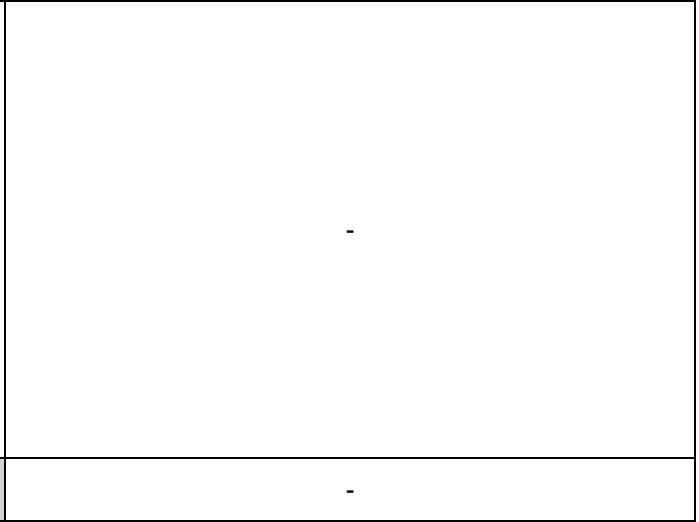
1-N38-PC3-30-20-H-7-DFT-16QAM-Outer\_Full-50@0-Ant1-17.816-18.880-≤20-PASS



1-N38-PC3-30-20-H-8-DFT-64QAM-Outer\_Full-50@0-Ant1-17.65-18.640-≤20-PASS



1-N38-PC3-30-20-H-9-DFT-256QAM-Outer\_Full-50@0-Ant1-8.518-9.600-≤20-PASS



## 5. APPENDIX E - BAND EDGES COMPLIANCE

### 5.1 TEST RESULTS

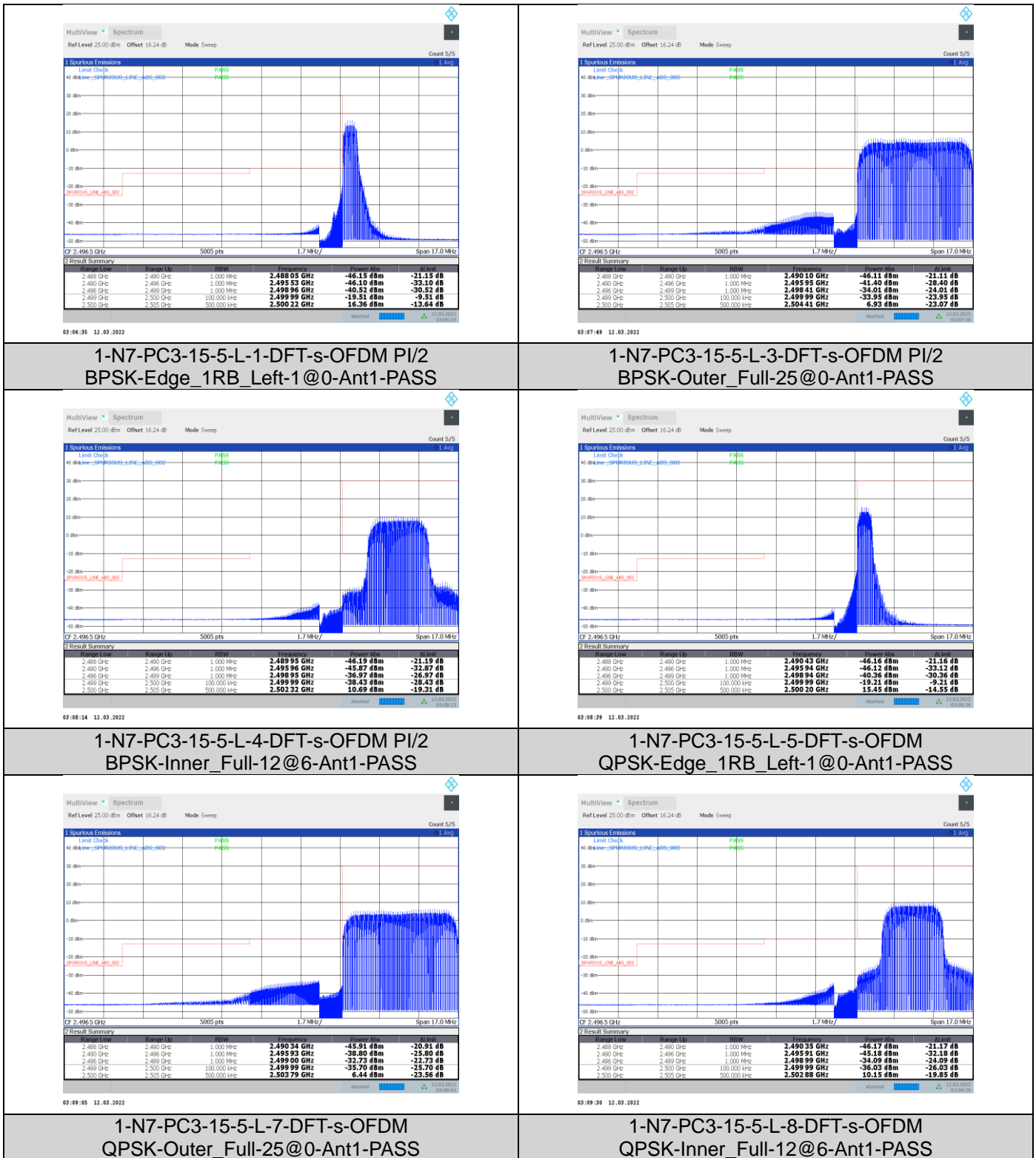
NR Band	SCS [kHz]	BW [Mhz]	Channel	Freq [Mhz]	Modulation	RB config	Verdict
N38	30	20	Low	2580.0	DFT-s-OFDM PI/2 BPSK	Edge_1RB_Left	PASS
N38	30	20	Low	2580.0	DFT-s-OFDM PI/2 BPSK	Outer_Full	PASS
N38	30	20	Low	2580.0	DFT-s-OFDM PI/2 BPSK	Inner_Full	PASS
N38	30	20	Low	2580.0	DFT-s-OFDM QPSK	Edge_1RB_Left	PASS
N38	30	20	Low	2580.0	DFT-s-OFDM QPSK	Outer_Full	PASS
N38	30	20	Low	2580.0	DFT-s-OFDM QPSK	Inner_Full	PASS
N38	30	20	Low	2580.0	DFT-s-OFDM 16QAM	Edge_1RB_Left	PASS
N38	30	20	Low	2580.0	DFT-s-OFDM 16QAM	Outer_Full	PASS
N38	30	20	Low	2580.0	DFT-s-OFDM 16QAM	Inner_Full	PASS
N38	30	20	Low	2580.0	DFT-s-OFDM 64QAM	Edge_1RB_Left	PASS
N38	30	20	Low	2580.0	DFT-s-OFDM 64QAM	Outer_Full	PASS
N38	30	20	Low	2580.0	DFT-s-OFDM 64QAM	Inner_Full	PASS
N38	30	20	Low	2580.0	DFT-s-OFDM 256QAM	Edge_1RB_Left	PASS
N38	30	20	Low	2580.0	DFT-s-OFDM 256QAM	Outer_Full	PASS
N38	30	20	Low	2580.0	DFT-s-OFDM 256QAM	Inner_Full	PASS
N38	30	20	Low	2580.0	CP-OFDM QPSK	Edge_1RB_Left	PASS
N38	30	20	Low	2580.0	CP-OFDM QPSK	Outer_Full	PASS
N38	30	20	Low	2580.0	CP-OFDM QPSK	Inner_Full	PASS
N38	30	20	Low	2580.0	CP-OFDM 16QAM	Edge_1RB_Left	PASS
N38	30	20	Low	2580.0	CP-OFDM 16QAM	Outer_Full	PASS
N38	30	20	Low	2580.0	CP-OFDM 16QAM	Inner_Full	PASS
N38	30	20	Low	2580.0	CP-OFDM 64QAM	Edge_1RB_Left	PASS
N38	30	20	Low	2580.0	CP-OFDM 64QAM	Outer_Full	PASS
N38	30	20	Low	2580.0	CP-OFDM 64QAM	Inner_Full	PASS
N38	30	20	Low	2580.0	CP-OFDM 256QAM	Edge_1RB_Left	PASS
N38	30	20	Low	2580.0	CP-OFDM 256QAM	Outer_Full	PASS
N38	30	20	Low	2580.0	CP-OFDM 256QAM	Inner_Full	PASS
N38	30	20	High	2610.0	DFT-s-OFDM PI/2 BPSK	Edge_1RB_Right	PASS
N38	30	20	High	2610.0	DFT-s-OFDM PI/2 BPSK	Outer_Full	PASS
N38	30	20	High	2610.0	DFT-s-OFDM PI/2 BPSK	Inner_Full	PASS
N38	30	20	High	2610.0	DFT-s-OFDM QPSK	Edge_1RB_Right	PASS
N38	30	20	High	2610.0	DFT-s-OFDM QPSK	Outer_Full	PASS
N38	30	20	High	2610.0	DFT-s-OFDM QPSK	Inner_Full	PASS
N38	30	20	High	2610.0	DFT-s-OFDM 16QAM	Edge_1RB_Right	PASS
N38	30	20	High	2610.0	DFT-s-OFDM 16QAM	Outer_Full	PASS
N38	30	20	High	2610.0	DFT-s-OFDM 16QAM	Inner_Full	PASS
N38	30	20	High	2610.0	DFT-s-OFDM 64QAM	Edge_1RB_Right	PASS
N38	30	20	High	2610.0	DFT-s-OFDM 64QAM	Outer_Full	PASS
N38	30	20	High	2610.0	DFT-s-OFDM 64QAM	Inner_Full	PASS
N38	30	20	High	2610.0	DFT-s-OFDM 256QAM	Edge_1RB_Right	PASS
N38	30	20	High	2610.0	DFT-s-OFDM 256QAM	Outer_Full	PASS
N38	30	20	High	2610.0	DFT-s-OFDM 256QAM	Inner_Full	PASS
N38	30	20	High	2610.0	CP-OFDM QPSK	Edge_1RB_Right	PASS
N38	30	20	High	2610.0	CP-OFDM QPSK	Outer_Full	PASS
N38	30	20	High	2610.0	CP-OFDM QPSK	Inner_Full	PASS
N38	30	20	High	2610.0	CP-OFDM 16QAM	Edge_1RB_Right	PASS
N38	30	20	High	2610.0	CP-OFDM 16QAM	Outer_Full	PASS
N38	30	20	High	2610.0	CP-OFDM 16QAM	Inner_Full	PASS

NR Band	SCS [kHz]	BW [Mhz]	Channel	Freq [Mhz]	Modulation	RB config	Verdict
N38	30	20	High	2610.0	CP-OFDM 64QAM	Edge_1RB_Right	PASS
N38	30	20	High	2610.0	CP-OFDM 64QAM	Outer_Full	PASS
N38	30	20	High	2610.0	CP-OFDM 64QAM	Inner_Full	PASS
N38	30	20	High	2610.0	CP-OFDM 256QAM	Edge_1RB_Right	PASS
N38	30	20	High	2610.0	CP-OFDM 256QAM	Outer_Full	PASS
N38	30	20	High	2610.0	CP-OFDM 256QAM	Inner_Full	PASS

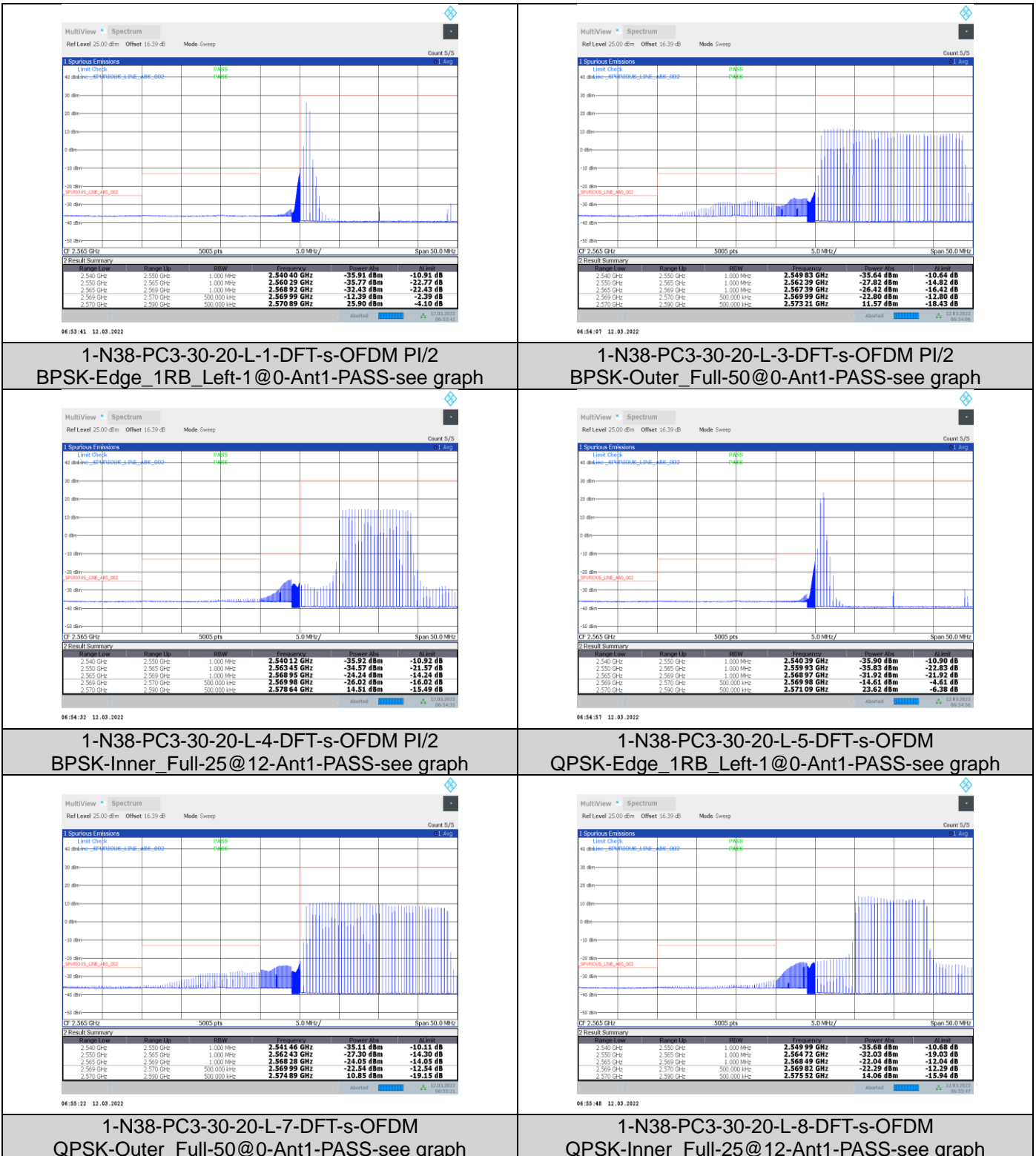


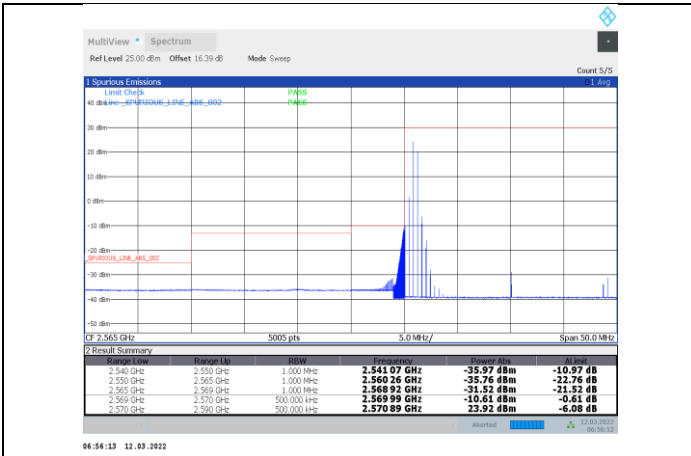
## 5.2 TEST PLOTS

### 5.2.1 CHANNEL BANDWIDTH=5MHZ

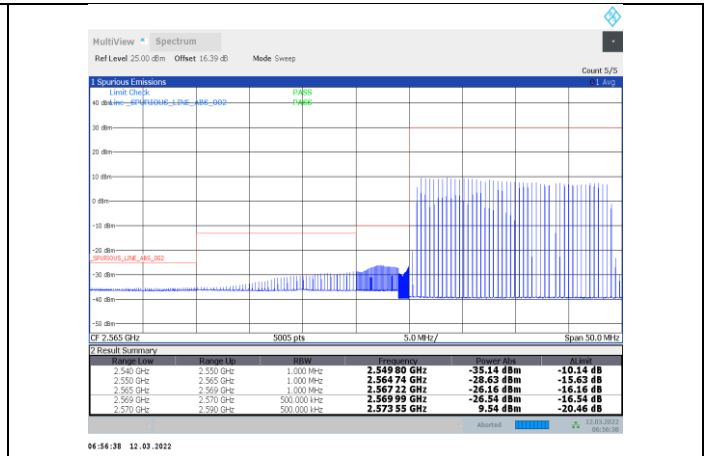


## 5.2.2 CHANNEL BANDWIDTH=20MHZ

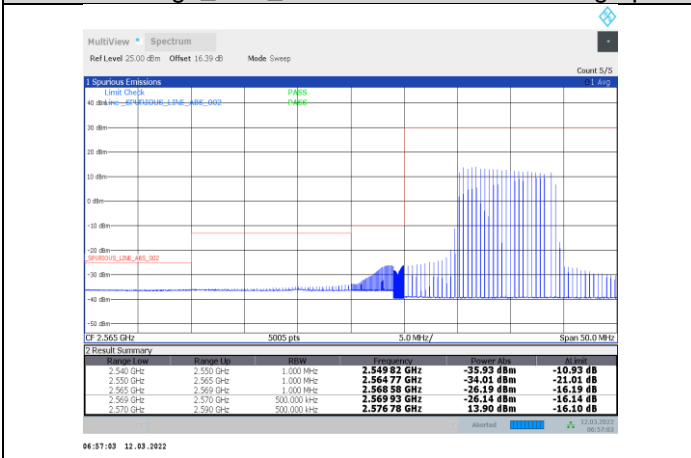




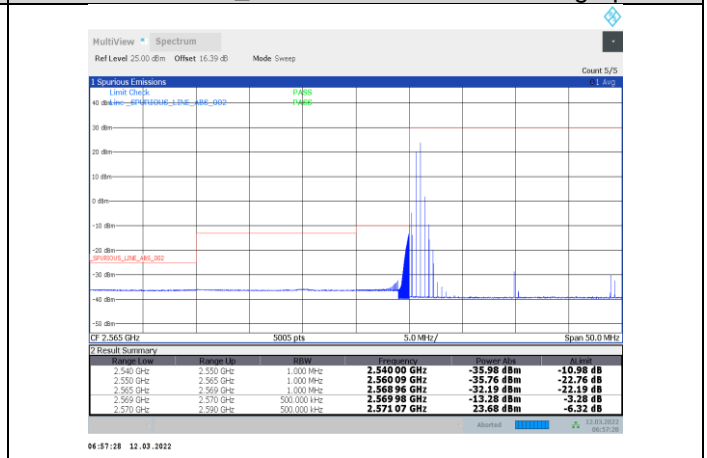
1-N38-PC3-30-20-L-9-DFT-s-OFDM  
16QAM-Edge\_1RB\_Left-1@0-Ant1-PASS-see graph



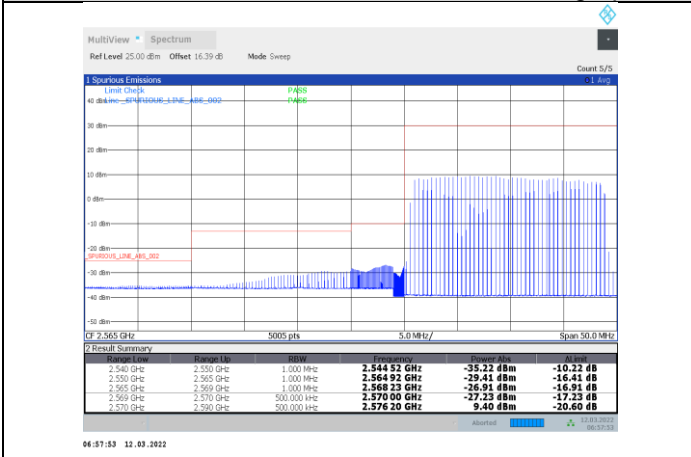
1-N38-PC3-30-20-L-11-DFT-s-OFDM  
16QAM-Outer\_Full-50@0-Ant1-PASS-see graph



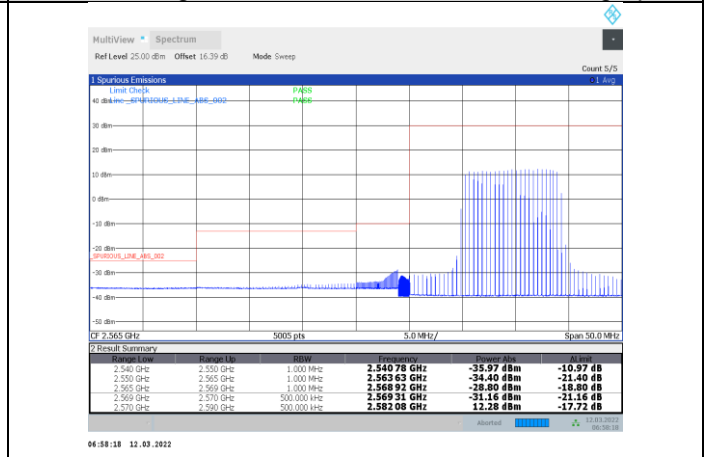
1-N38-PC3-30-20-L-12-DFT-s-OFDM  
16QAM-Inner\_Full-25@12-Ant1-PASS-see graph



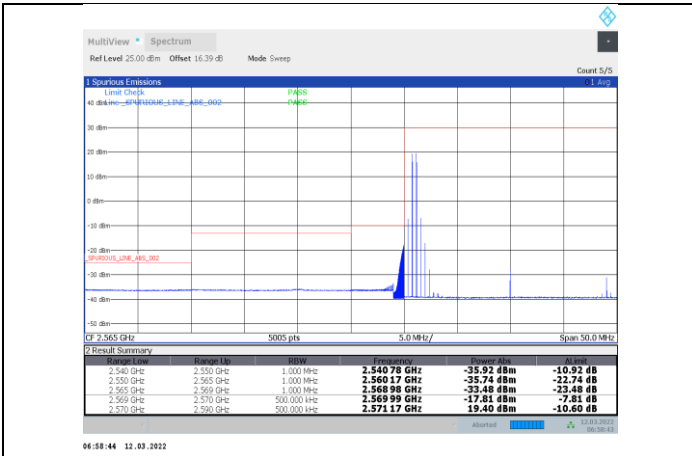
1-N38-PC3-30-20-L-13-DFT-s-OFDM  
64QAM-Edge\_1RB\_Left-1@0-Ant1-PASS-see graph



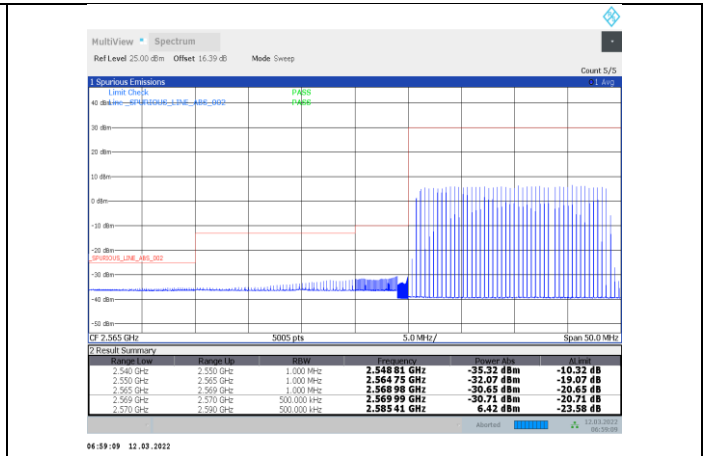
1-N38-PC3-30-20-L-15-DFT-s-OFDM  
64QAM-Outer\_Full-50@0-Ant1-PASS-see graph



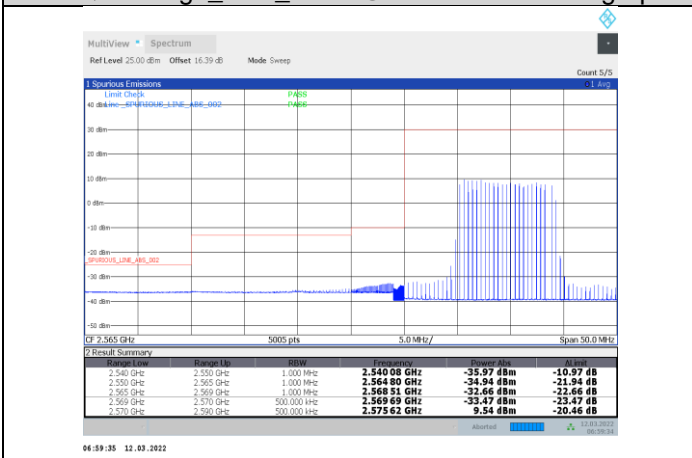
1-N38-PC3-30-20-L-16-DFT-s-OFDM  
64QAM-Inner\_Full-25@12-Ant1-PASS-see graph



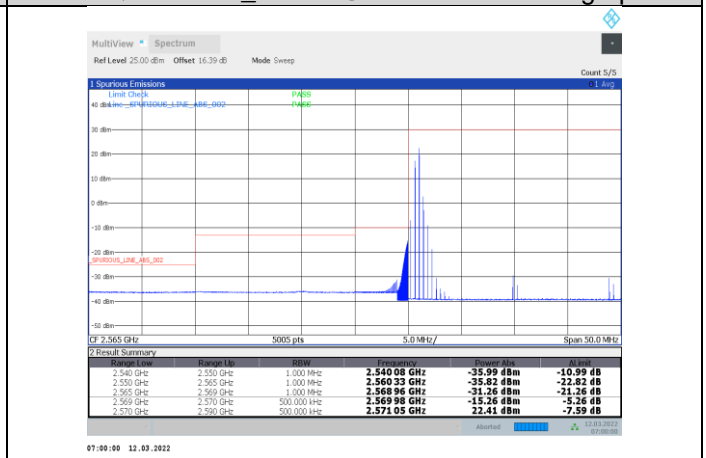
1-N38-PC3-30-20-L-17-DFT-s-OFDM  
256QAM-Edge\_1RB\_Left-1@0-Ant1-PASS-see graph



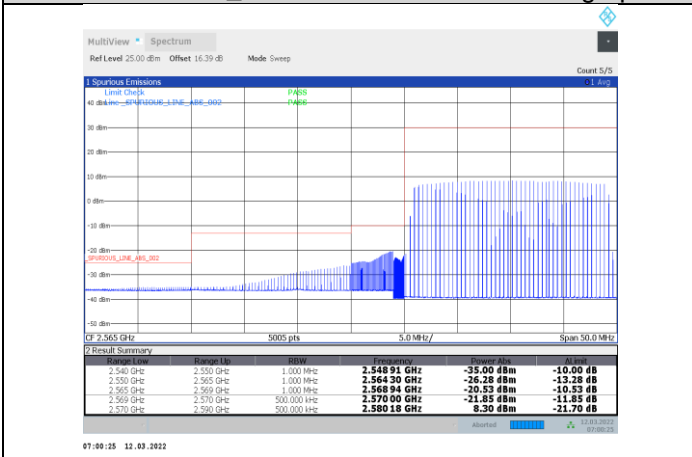
1-N38-PC3-30-20-L-19-DFT-s-OFDM  
256QAM-Outer\_Full-50@0-Ant1-PASS-see graph



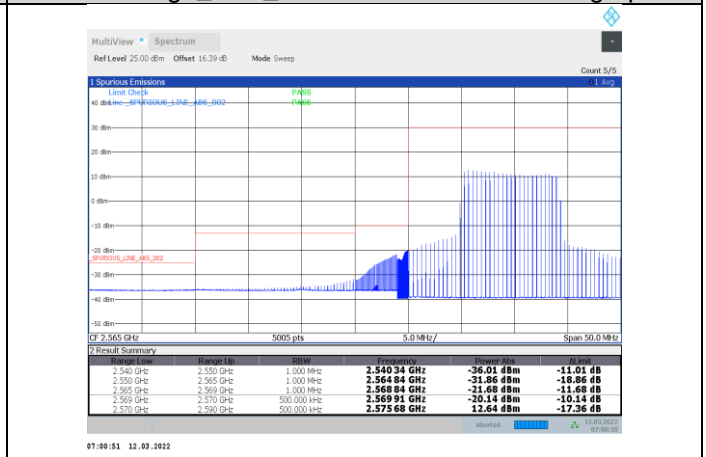
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256QAM-Inner\_Full-25@12-Ant1-PASS-see graph



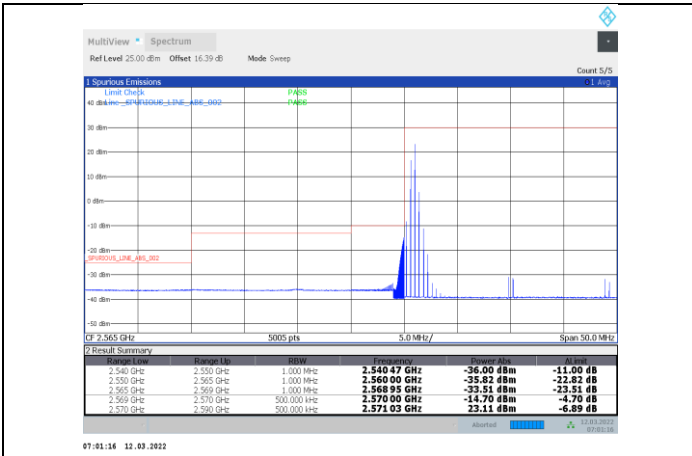
1-N38-PC3-30-20-L-21-CP-OFDM  
QPSK-Edge\_1RB\_Left-1@0-Ant1-PASS-see graph



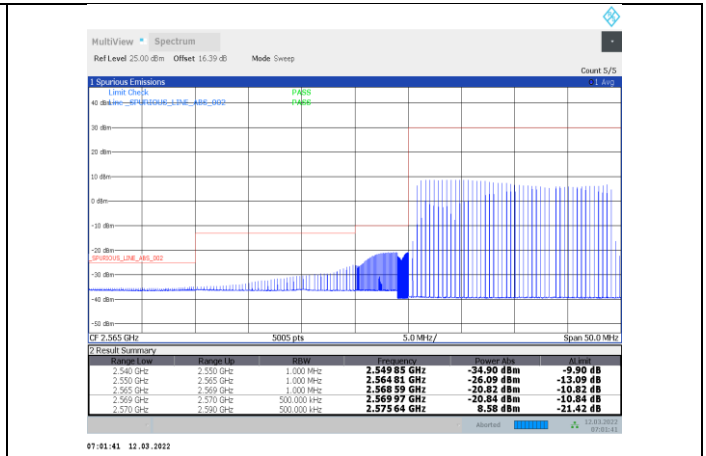
1-N38-PC3-30-20-L-23-CP-OFDM  
QPSK-Outer\_Full-51@0-Ant1-PASS-see graph



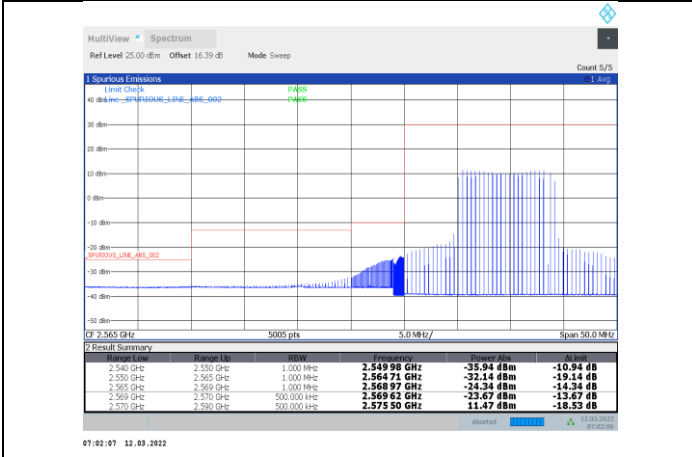
1-N38-PC3-30-20-L-24-CP-OFDM  
QPSK-Inner\_Full-25@12-Ant1-PASS-see graph



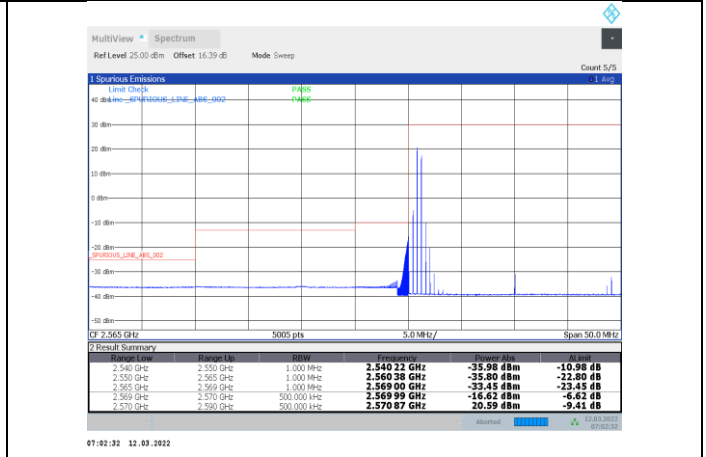
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16QAM-Edge\_1RB\_Left-1@0-Ant1-PASS-see graph



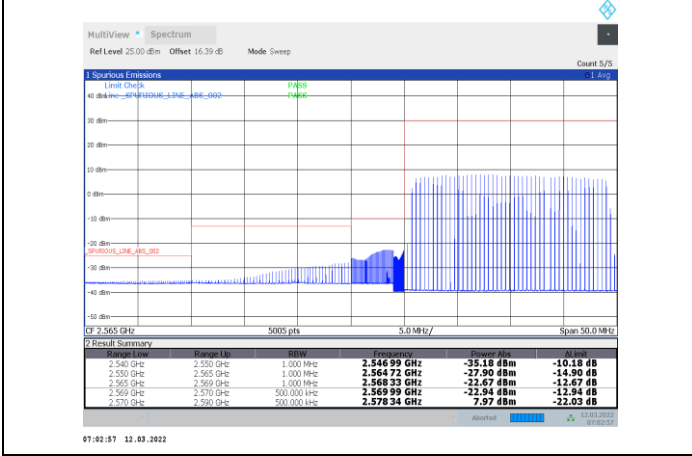
1-N38-PC3-30-20-L-27-CP-OFDM  
16QAM-Outer\_Full-51@0-Ant1-PASS-see graph



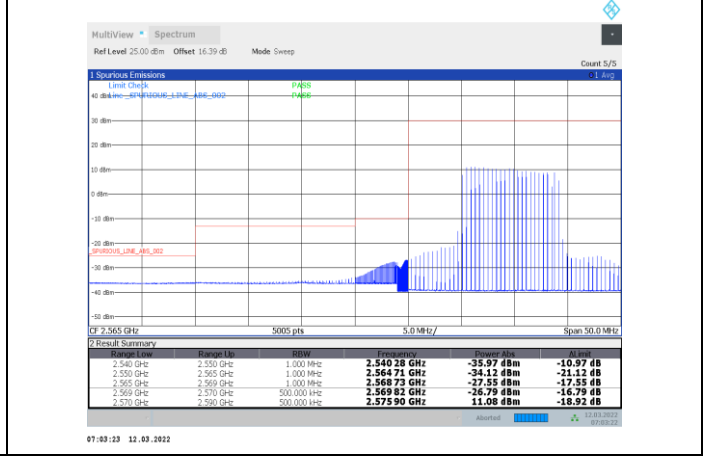
1-N38-PC3-30-20-L-28-CP-OFDM  
16QAM-Inner\_Full-25@12-Ant1-PASS-see graph



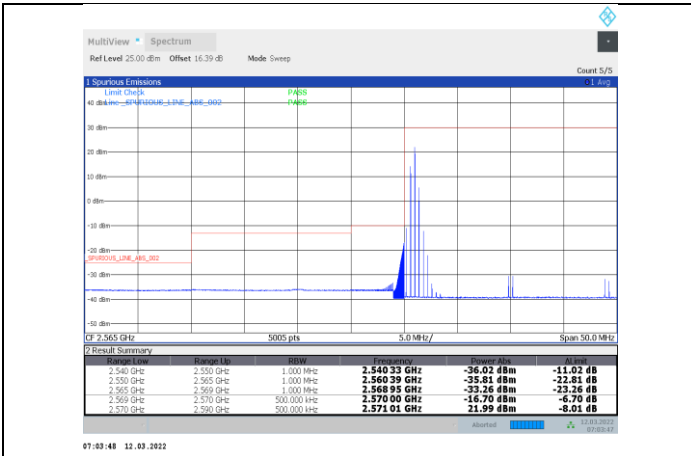
1-N38-PC3-30-20-L-29-CP-OFDM  
64QAM-Edge\_1RB\_Left-1@0-Ant1-PASS-see graph



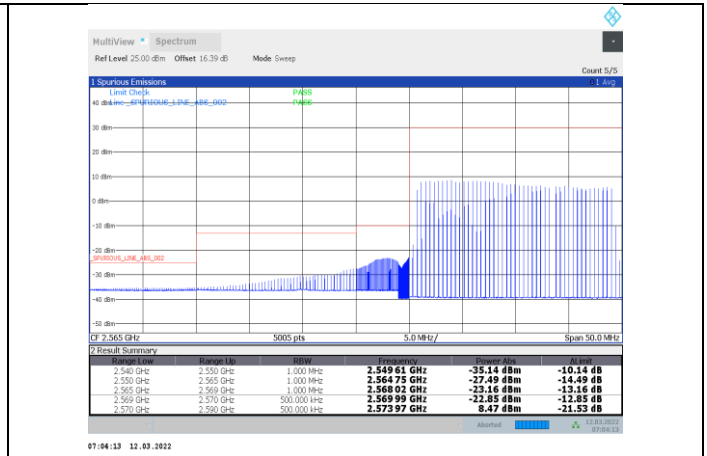
1-N38-PC3-30-20-L-31-CP-OFDM  
64QAM-Outer\_Full-51@0-Ant1-PASS-see graph



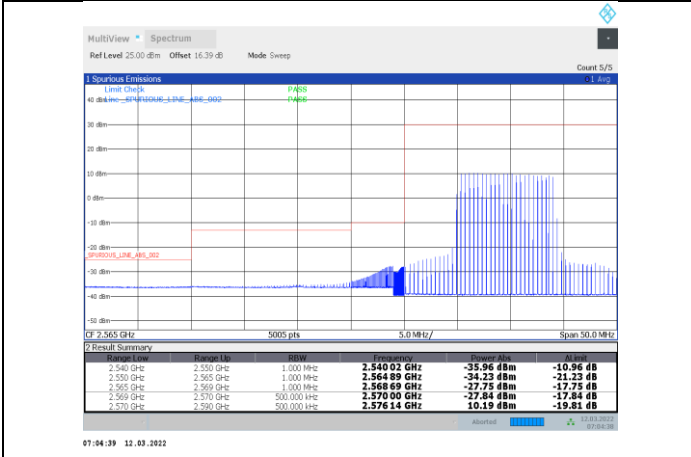
1-N38-PC3-30-20-L-32-CP-OFDM  
64QAM-Inner\_Full-25@12-Ant1-PASS-see graph



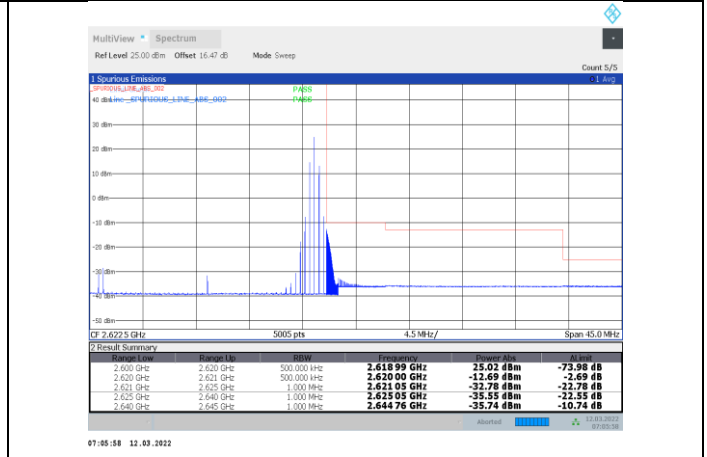
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256QAM-Edge\_1RB\_Left-1@0-Ant1-PASS-see graph



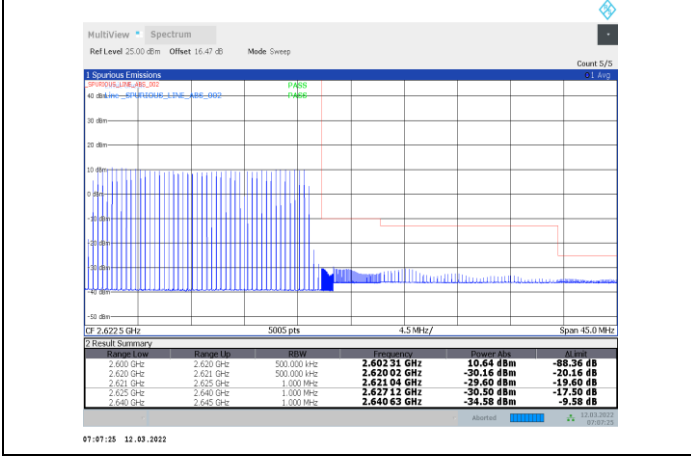
1-N38-PC3-30-20-L-35-CP-OFDM  
256QAM-Outer\_Full-51@0-Ant1-PASS-see graph



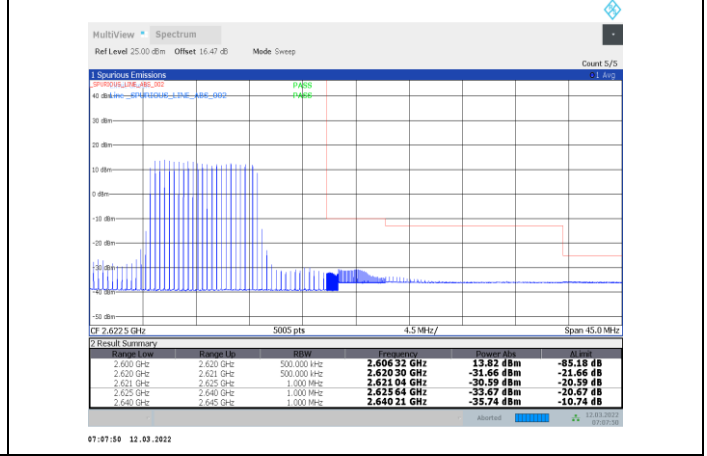
1-N38-PC3-30-20-L-36-CP-OFDM  
256QAM-Inner\_Full-25@12-Ant1-PASS-see graph



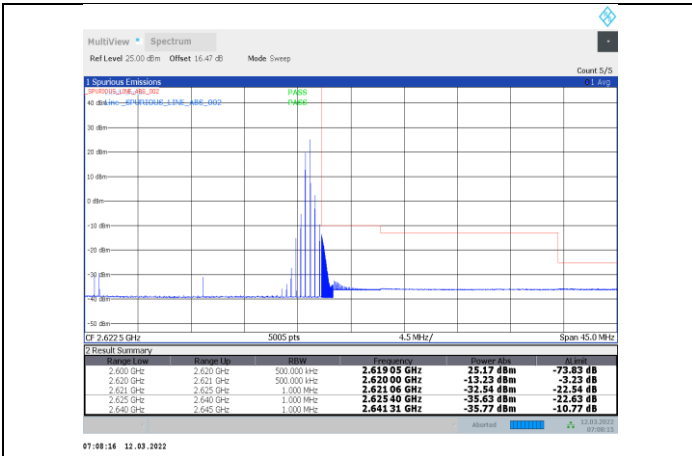
1-N38-PC3-30-20-H-2-DFT-s-OFDM PI/2  
BPSK-Edge\_1RB\_Right-1@50-Ant1-PASS-see graph



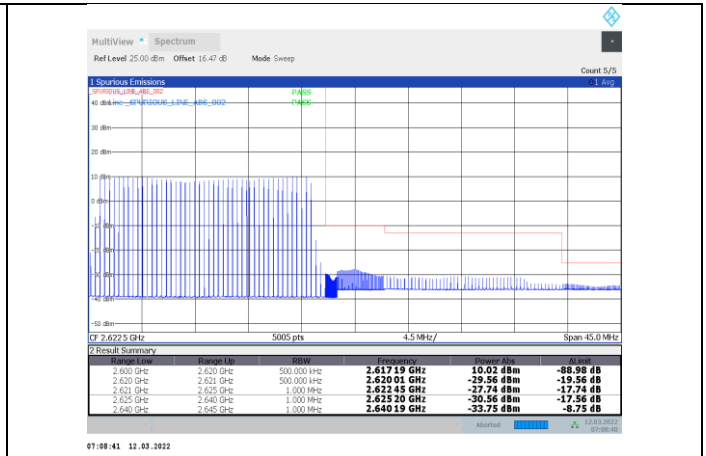
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BPSK-Outer\_Full-50@0-Ant1-PASS-see graph



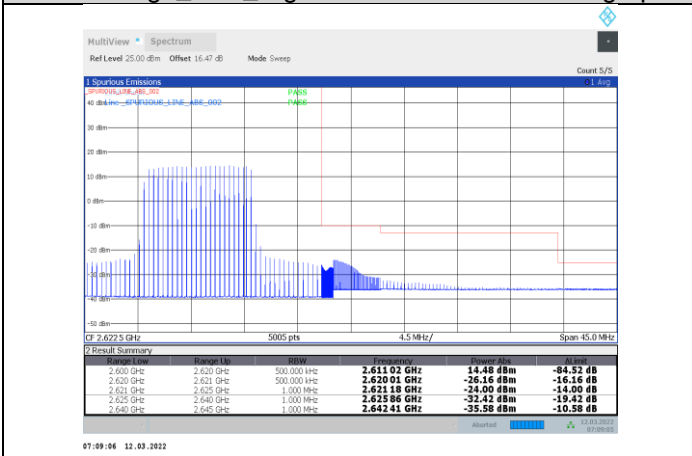
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BPSK-Inner\_Full-25@12-Ant1-PASS-see graph



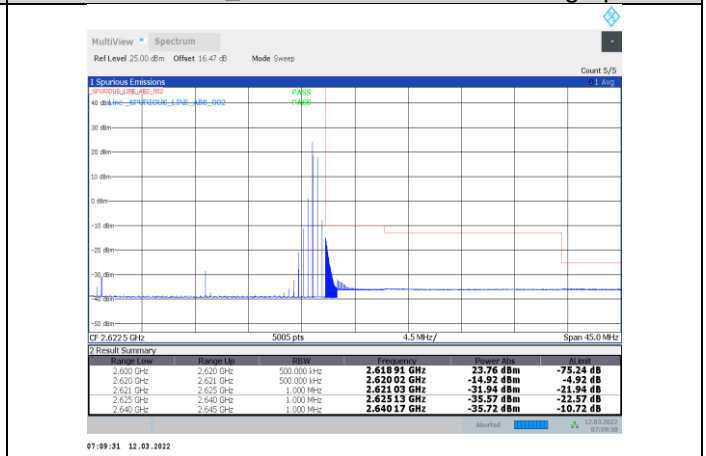
1-N38-PC3-30-20-H-6-DFT-s-OFDM  
QPSK-Edge\_1RB\_Right-1@50-Ant1-PASS-see graph



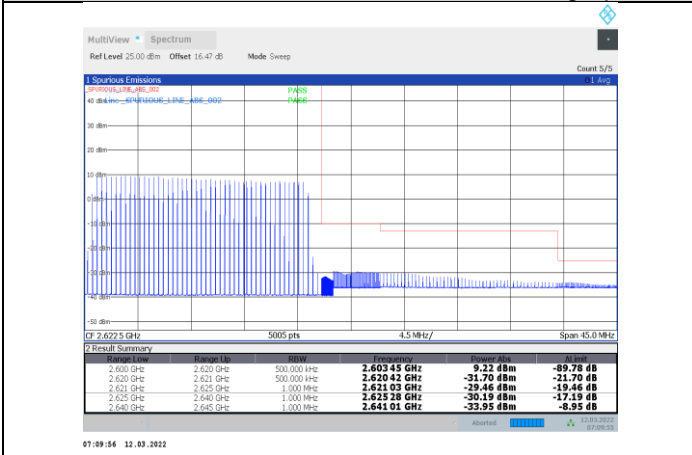
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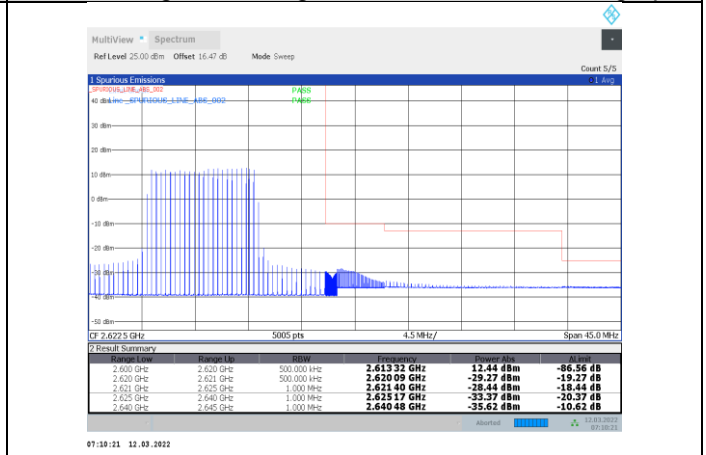
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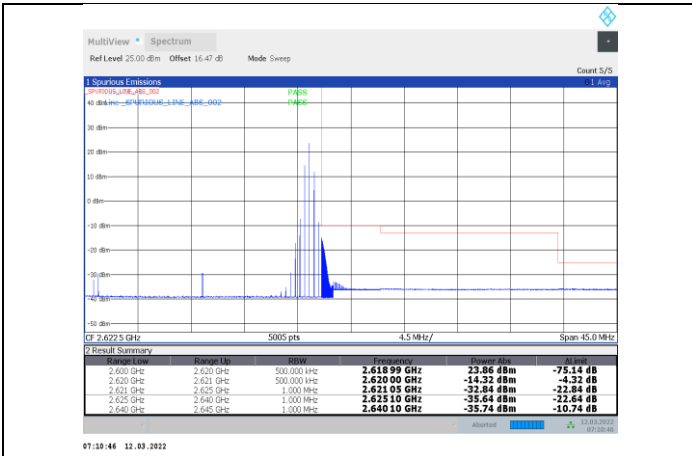
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16QAM-Edge\_1RB\_Right-1@50-Ant1-PASS-see graph



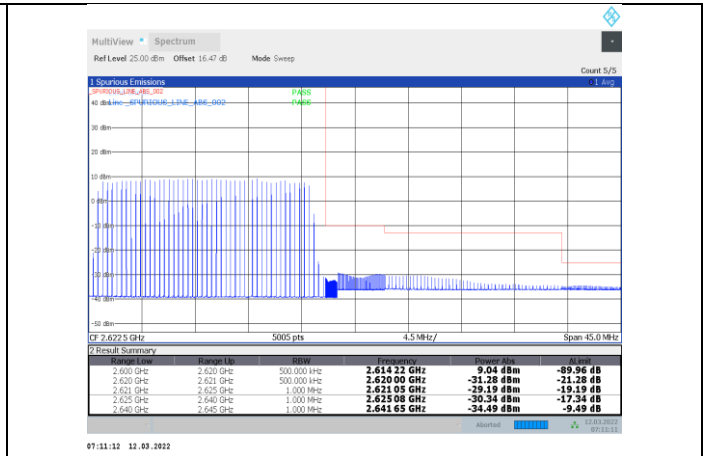
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16QAM-Outer\_Full-50@0-Ant1-PASS-see graph



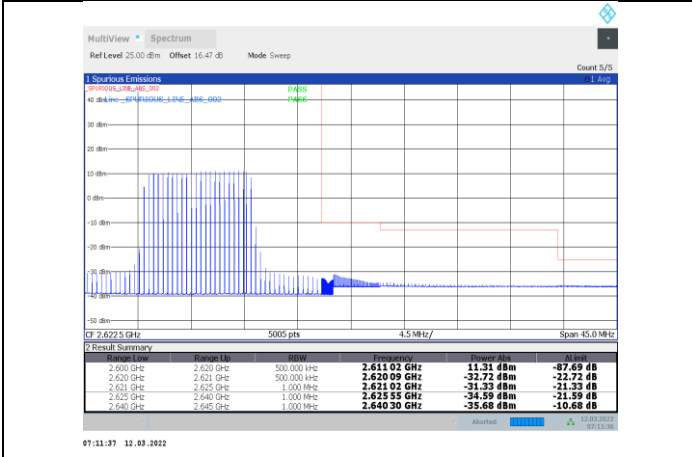
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16QAM-Inner\_Full-25@12-Ant1-PASS-see graph



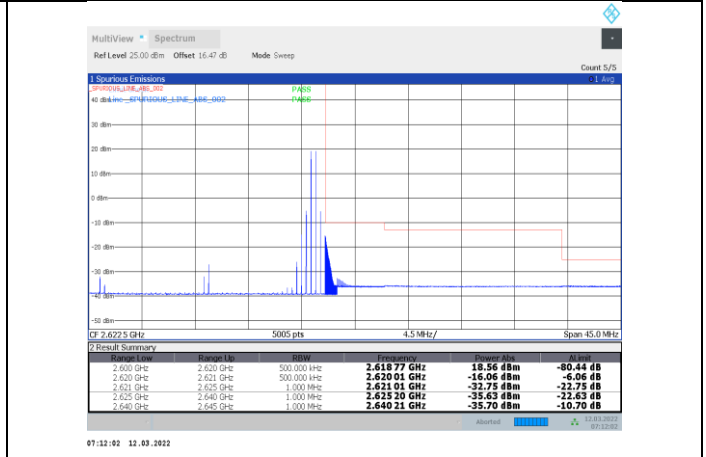
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64QAM-Edge\_1RB\_Right-1@50-Ant1-PASS-see graph



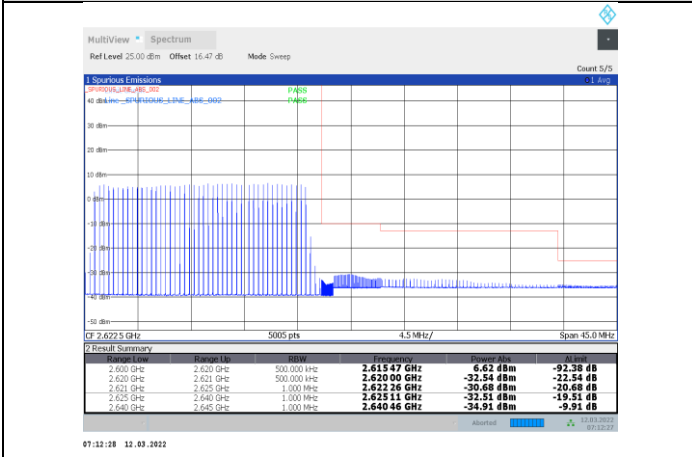
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64QAM-Outer\_Full-50@0-Ant1-PASS-see graph



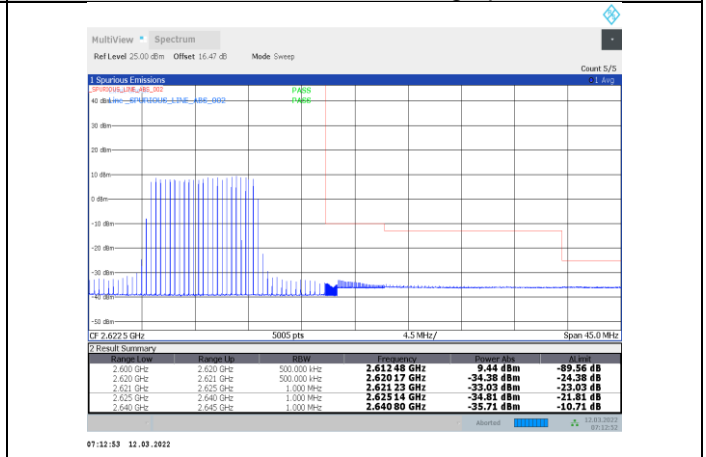
1-N38-PC3-30-20-H-16-DFT-s-OFDM  
64QAM-Inner\_Full-25@12-Ant1-PASS-see graph



1-N38-PC3-30-20-H-18-DFT-s-OFDM  
256QAM-Edge\_1RB\_Right-1@50-Ant1-PASS-see graph

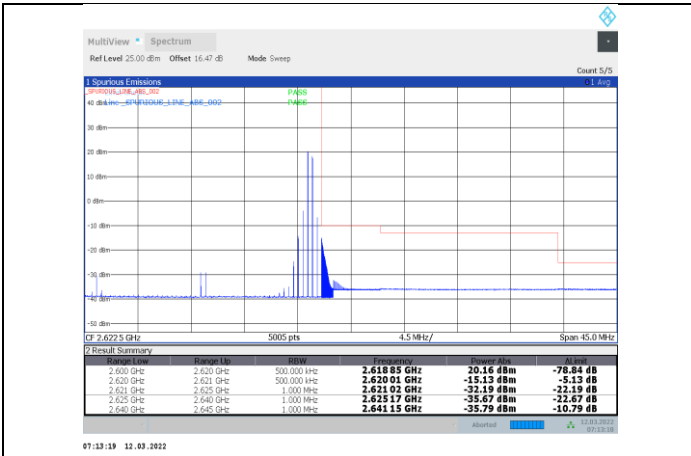


1-N38-PC3-30-20-H-19-DFT-s-OFDM  
256QAM-Outer\_Full-50@0-Ant1-PASS-see graph

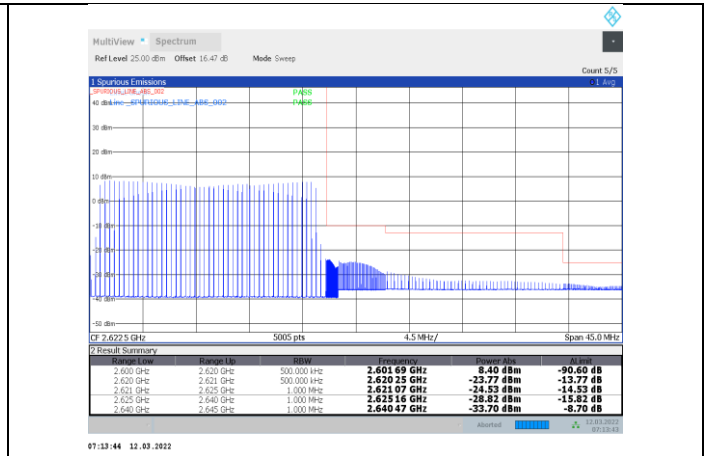


1-N38-PC3-30-20-H-20-DFT-s-OFDM  
256QAM-Inner\_Full-25@12-Ant1-PASS-see graph

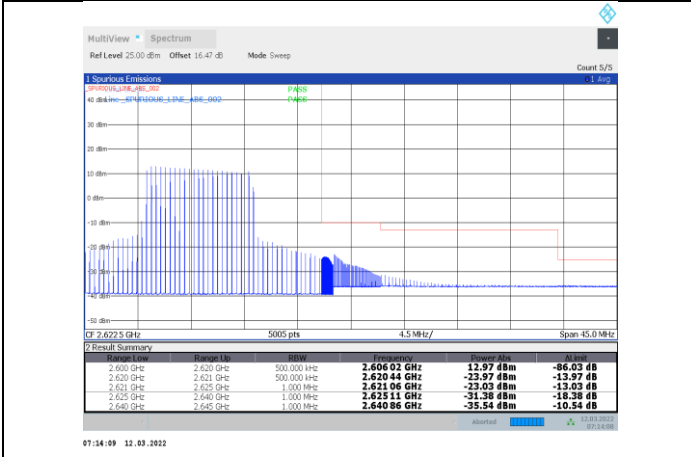




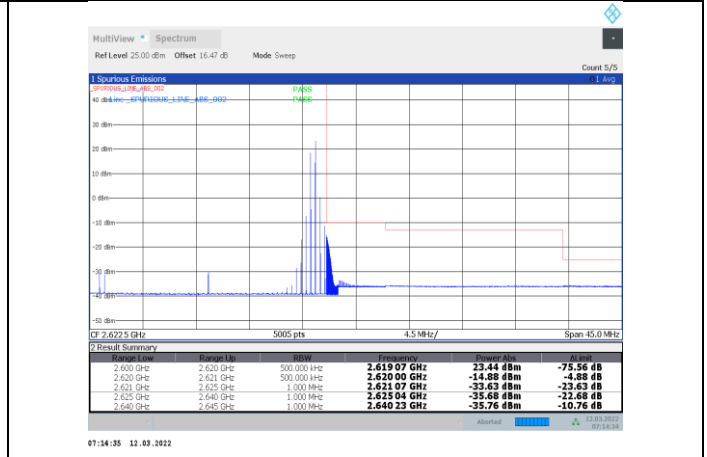
1-N38-PC3-30-20-H-22-CP-OFDM  
QPSK-Edge\_1RB\_Right-1@50-Ant1-PASS-see graph



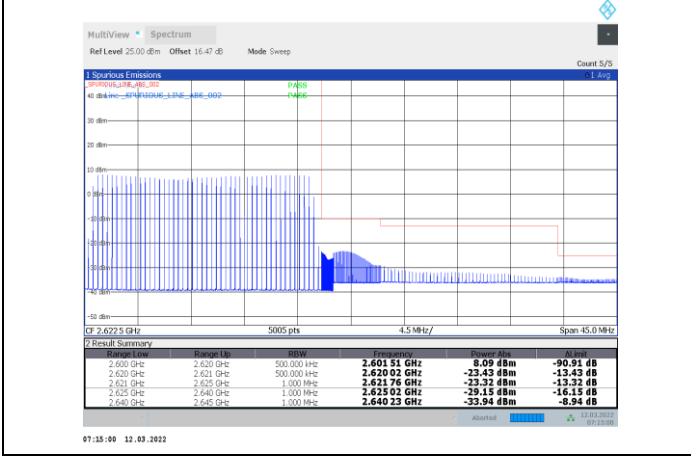
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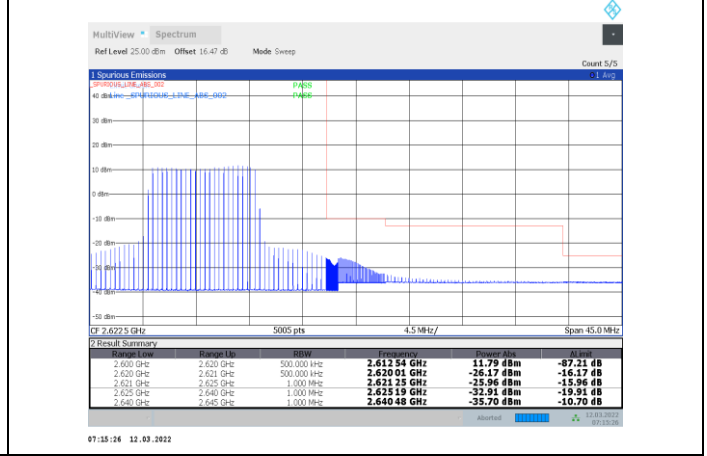
1-N38-PC3-30-20-H-24-CP-OFDM  
QPSK-Inner\_Full-25@12-Ant1-PASS-see graph



1-N38-PC3-30-20-H-26-CP-OFDM  
16QAM-Edge\_1RB\_Right-1@50-Ant1-PASS-see graph



1-N38-PC3-30-20-H-27-CP-OFDM  
16QAM-Outer\_Full-51@0-Ant1-PASS-see graph



1-N38-PC3-30-20-H-28-CP-OFDM  
16QAM-Inner\_Full-25@12-Ant1-PASS-see graph