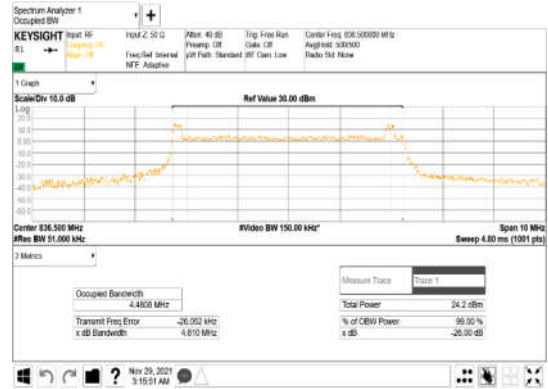




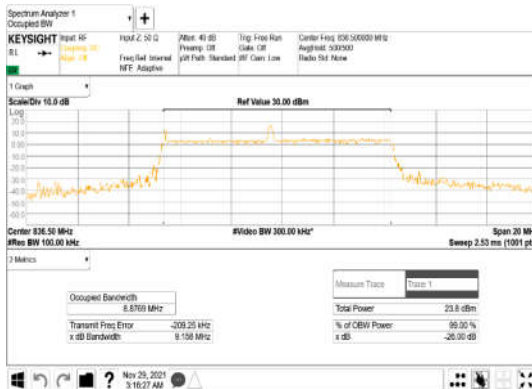
n5(5M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



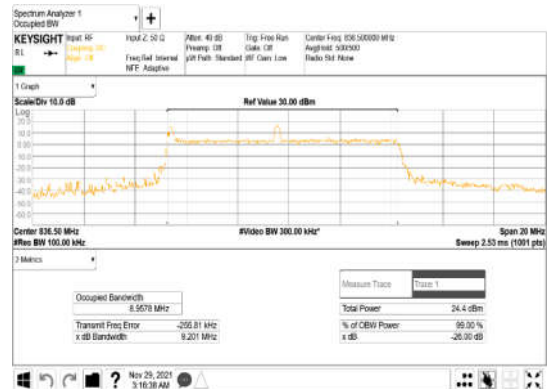
n5(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



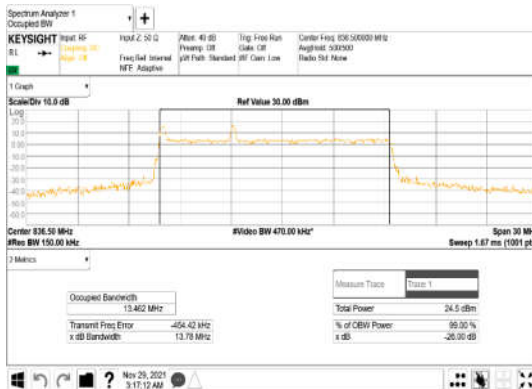
n5(10M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



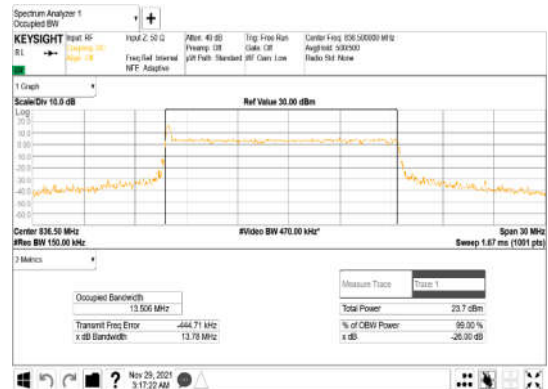
n5(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



n5(15M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



n5(15M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH

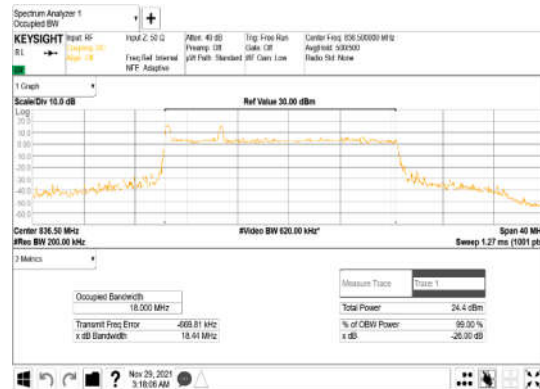




n5(20M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH



n5(20M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH

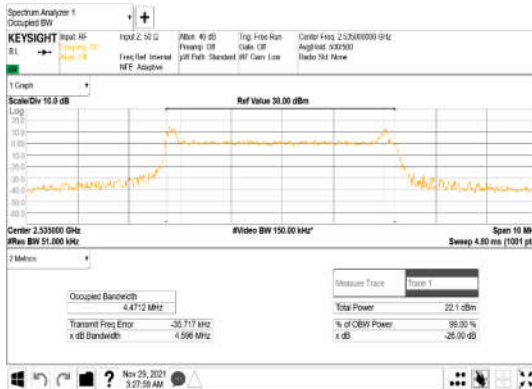


NR Band	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	OBW (MHz)	26dB OBW (MHz)
7	5	531000	2535.0	DFT-s-OFDM PI/2 BPSK	4.4712	4.596
7	5	531000	2535.0	DFT-s-OFDM QPSK	4.4846	4.607
7	10	531000	2535.0	DFT-s-OFDM PI/2 BPSK	8.9526	9.177
7	10	531000	2535.0	DFT-s-OFDM QPSK	8.9436	9.157
7	15	531000	2535.0	DFT-s-OFDM PI/2 BPSK	13.470	13.78
7	15	531000	2535.0	DFT-s-OFDM QPSK	13.456	13.82
7	20	531000	2535.0	DFT-s-OFDM PI/2 BPSK	17.952	18.34
7	20	531000	2535.0	DFT-s-OFDM QPSK	17.946	18.39
7	25	531000	2535.0	DFT-s-OFDM PI/2 BPSK	23.010	23.51
7	25	531000	2535.0	DFT-s-OFDM QPSK	23.019	23.49
7	30	531000	2535.0	DFT-s-OFDM PI/2 BPSK	28.747	29.34
7	30	531000	2535.0	DFT-s-OFDM QPSK	28.664	29.45
7	40	531000	2535.0	DFT-s-OFDM PI/2 BPSK	38.918	39.74

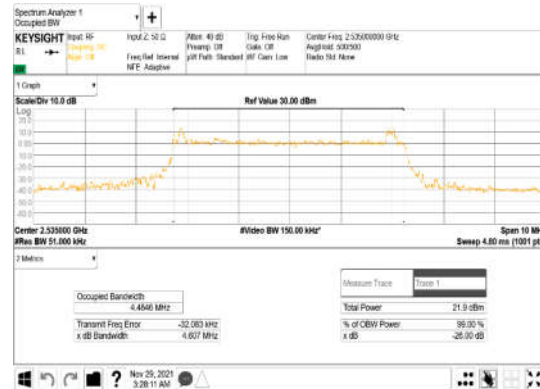


7	40	531000	2535.0	DFT-s-OFDM QPSK	38.993	39.74
7	50	531000	2535.0	DFT-s-OFDM PI/2 BPSK	48.538	49.47
7	50	531000	2535.0	DFT-s-OFDM QPSK	48.687	49.63

n7(5M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH



n7(5M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



n7(10M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH



n7(10M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH





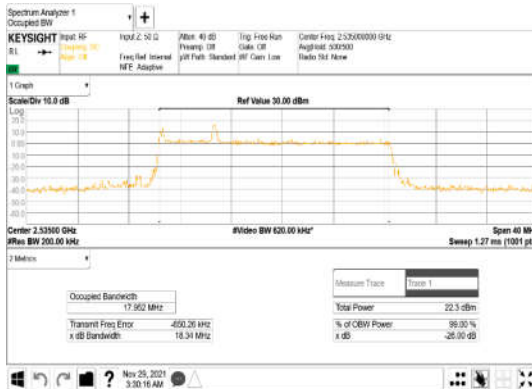
n7(15M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



n7(15M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



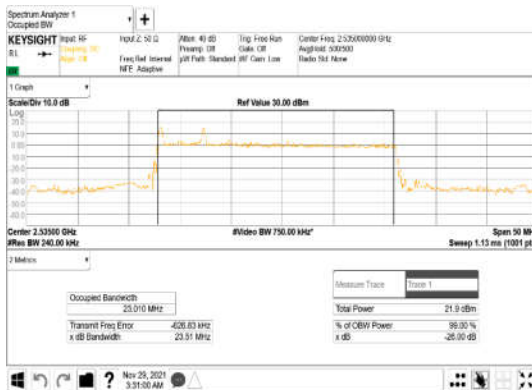
n7(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



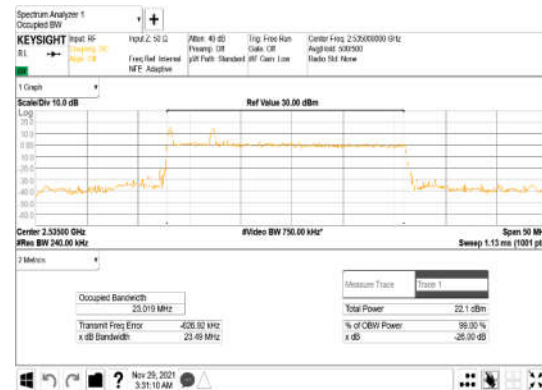
n7(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



n7(25M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



n7(25M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH





n7(30M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



n7(30M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



n7(40M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



n7(40M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



n7(50M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



n7(50M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



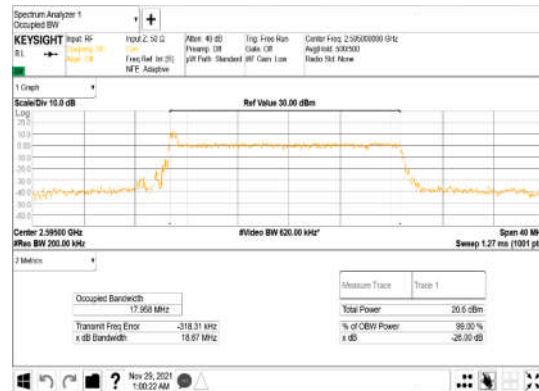


NR Band	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	OBW (MHz)	26dB OBW (MHz)
38	20	519000	2595.0	DFT-s-OFDM PI/2 BPSK	18.034	18.50
38	20	519000	2595.0	DFT-s-OFDM QPSK	17.958	18.67
38	30	519000	2595.0	DFT-s-OFDM PI/2 BPSK	27.030	27.55
38	30	519000	2595.0	DFT-s-OFDM QPSK	27.033	27.75
38	40	519000	2595.0	DFT-s-OFDM PI/2 BPSK	35.972	36.76
38	40	519000	2595.0	DFT-s-OFDM QPSK	36.034	36.99

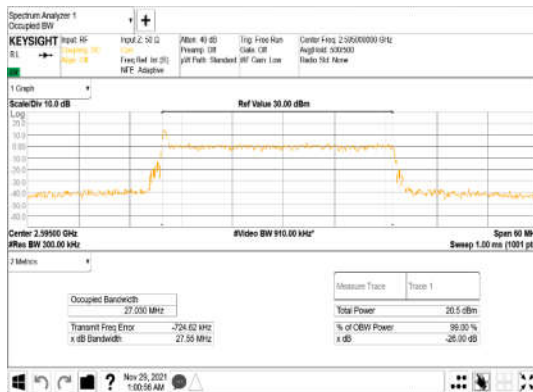
n38(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



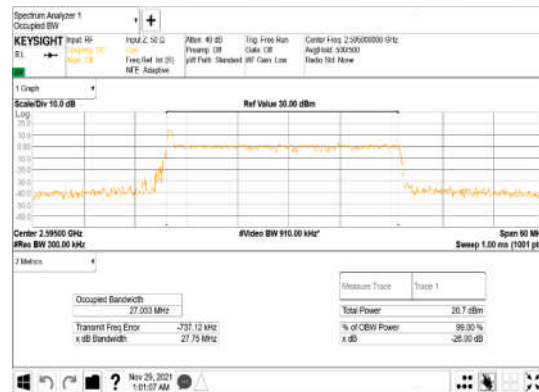
n38(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



n38(30M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH

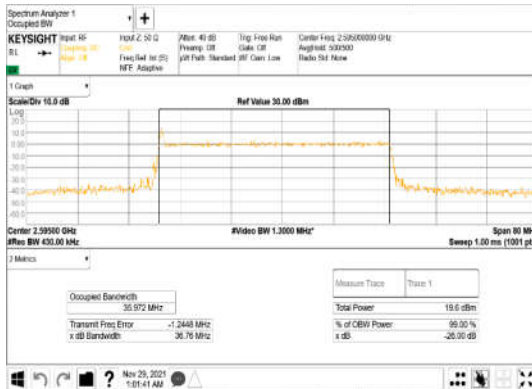


n38(30M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH





n38(40M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH



n38(40M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



NR Band	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	OBW (MHz)	26dB OBW (MHz)
41	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	17.878	18.45
41	20	518598	2592.99	DFT-s-OFDM QPSK	17.989	18.45
41	30	518598	2592.99	DFT-s-OFDM PI/2 BPSK	26.929	27.51
41	30	518598	2592.99	DFT-s-OFDM QPSK	26.796	27.87
41	40	518598	2592.99	DFT-s-OFDM PI/2 BPSK	36.162	37.02
41	40	518598	2592.99	DFT-s-OFDM QPSK	36.149	36.91
41	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	46.195	47.06
41	50	518598	2592.99	DFT-s-OFDM QPSK	46.135	47.18
41	60	518598	2592.99	DFT-s-OFDM PI/2 BPSK	58.243	59.67
41	60	518598	2592.99	DFT-s-OFDM QPSK	58.509	59.56
41	80	518598	2592.99	DFT-s-OFDM PI/2 BPSK	77.892	79.18
41	80	518598	2592.99	DFT-s-OFDM QPSK	77.810	79.29
41	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	86.749	88.16



41	90	518598	2592.99	DFT-s-OFDM QPSK	86.507	88.10
41	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	97.174	99.13
41	100	518598	2592.99	DFT-s-OFDM QPSK	97.203	99.10

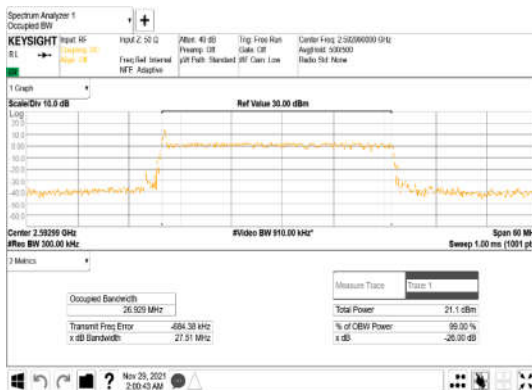
n41(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



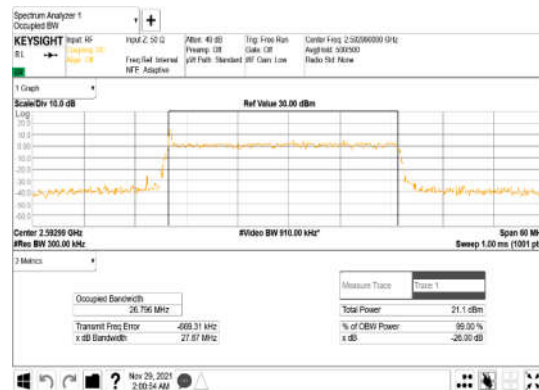
n41(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



n41(30M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



n41(30M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



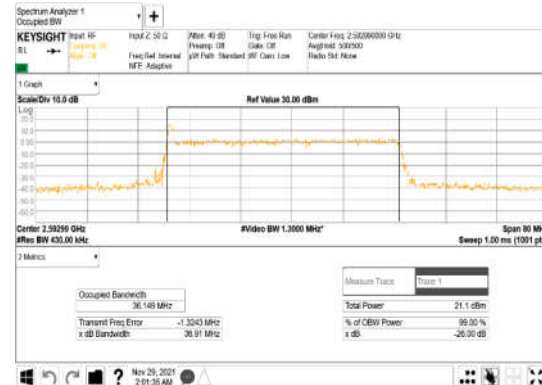




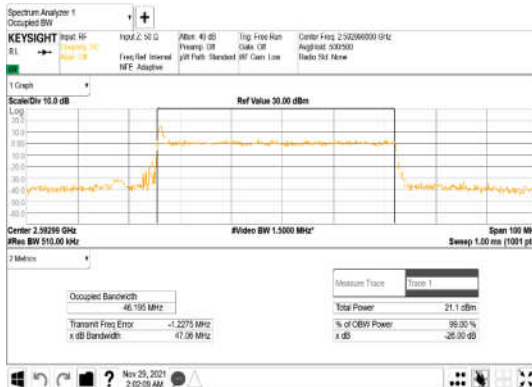
n41(40M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



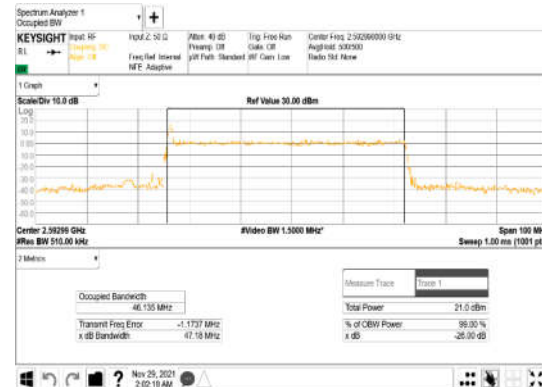
n41(40M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



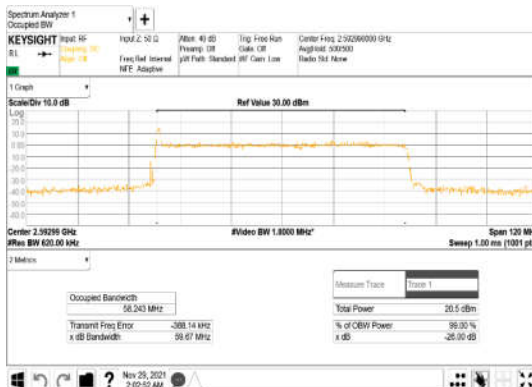
n41(50M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



n41(50M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



n41(60M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



n41(60M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH





n41(80M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



n41(80M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



n41(90M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



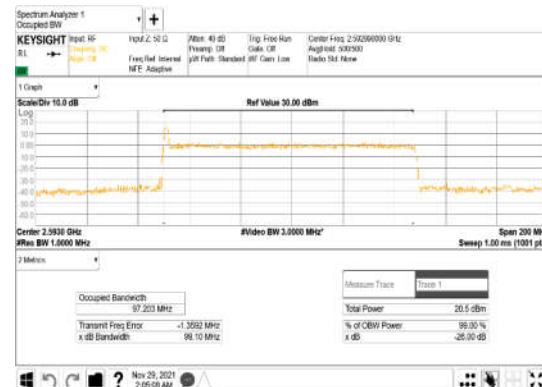
n41(90M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



n41(100M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



n41(100M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



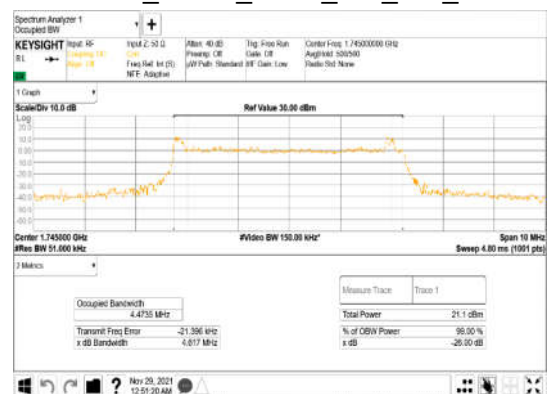


NR Band	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	OBW (MHz)	26dB OBW (MHz)
66	5	429000	1745.0	DFT-s-OFDM PI/2 BPSK	4.4697	4.613
66	5	429000	1745.0	DFT-s-OFDM QPSK	4.4735	4.617
66	10	429000	1745.0	DFT-s-OFDM PI/2 BPSK	8.9685	9.172
66	10	429000	1745.0	DFT-s-OFDM QPSK	8.9703	9.189
66	15	429000	1745.0	DFT-s-OFDM PI/2 BPSK	13.502	13.78
66	15	429000	1745.0	DFT-s-OFDM QPSK	13.434	13.79
66	20	429000	1745.0	DFT-s-OFDM PI/2 BPSK	18.005	18.40
66	20	429000	1745.0	DFT-s-OFDM QPSK	18.006	18.39
66	30	429000	1745.0	DFT-s-OFDM PI/2 BPSK	28.748	29.44
66	30	429000	1745.0	DFT-s-OFDM QPSK	28.793	29.37
66	40	429000	1745.0	DFT-s-OFDM PI/2 BPSK	38.876	39.69
66	40	429000	1745.0	DFT-s-OFDM QPSK	38.866	39.66

n66(5M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH



n66(5M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH

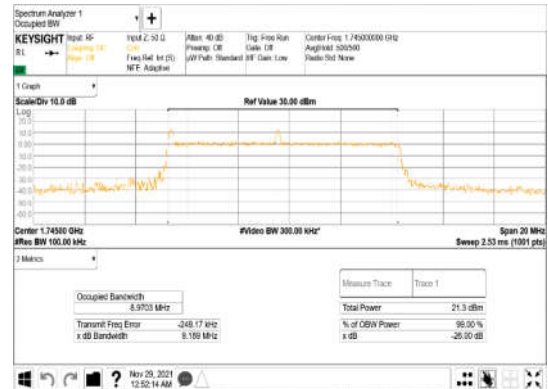




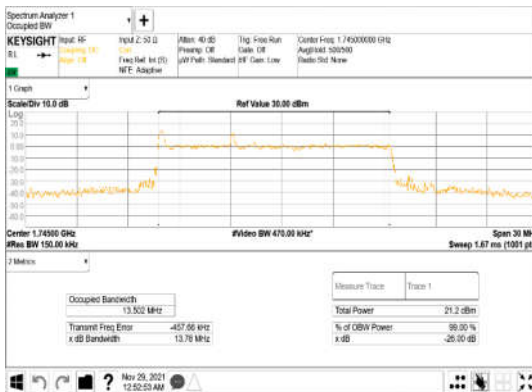
n66(10M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



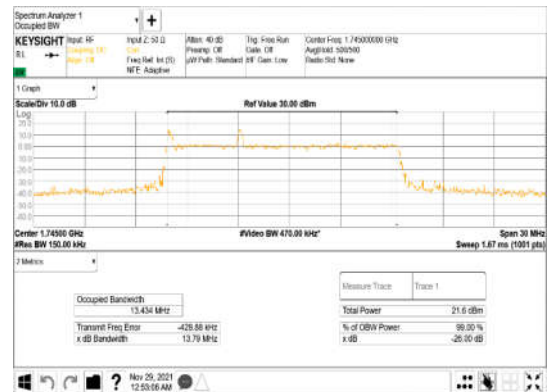
n66(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



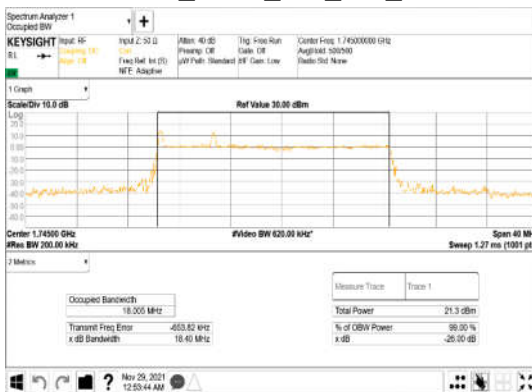
n66(15M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



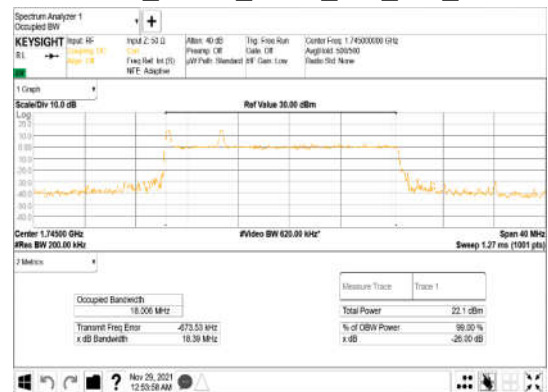
n66(15M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



n66(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH

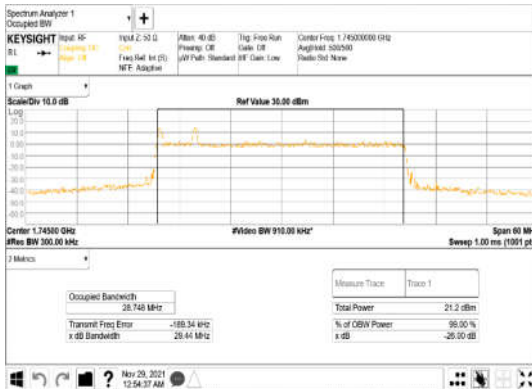


n66(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH





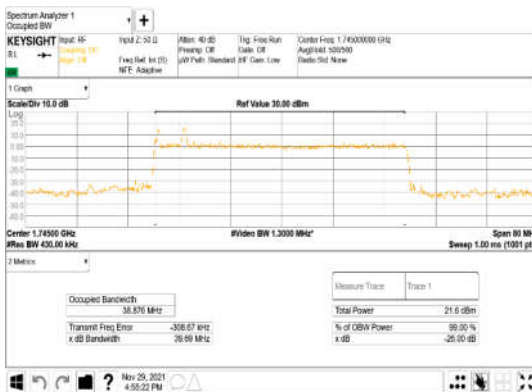
n66(30M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



n66(30M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



n66(40M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



n66(40M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH

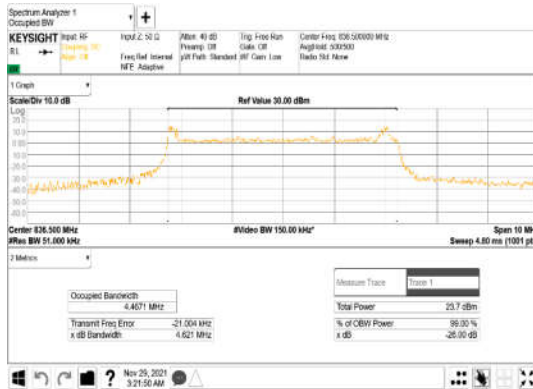


EN-DC Band	NR Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	OBW (MHz)	26dB OBW (MHz)
DC_66A_n5A	5	176300	836.5	DFT-s-OFDM PI/2 BPSK	4.4671	4.621
DC_66A_n5A	5	176300	836.5	DFT-s-OFDM QPSK	4.4818	4.613
DC_66A_n5A	10	176300	836.5	DFT-s-OFDM PI/2 BPSK	8.9891	9.300
DC_66A_n5A	10	176300	836.5	DFT-s-OFDM QPSK	8.9110	9.184
DC_66A_n5A	15	176300	836.5	DFT-s-OFDM PI/2 BPSK	13.336	13.72
DC_66A_n5A	15	176300	836.5	DFT-s-OFDM QPSK	13.508	13.78
DC_66A_n5A	20	176300	836.5	DFT-s-OFDM	17.974	18.42

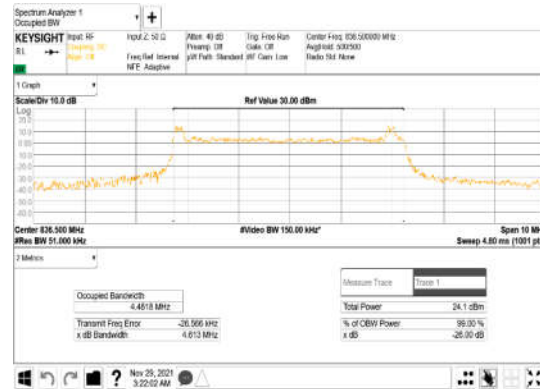


				PI/2 BPSK		
DC_66A_n5A	20	176300	836.5	DFT-s-OFDM QPSK	18.027	18.49

DC\_66A\_n5A (5M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



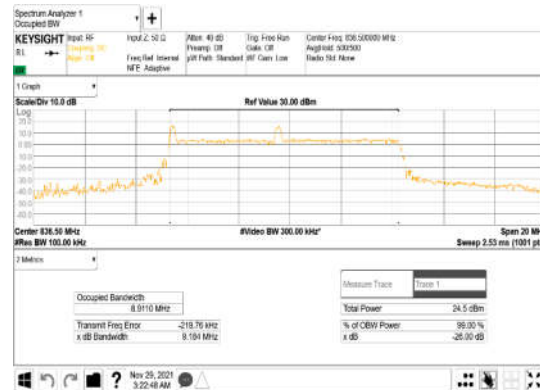
DC\_66A\_n5A (5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



DC\_66A\_n5A (10M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



DC\_66A\_n5A (10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH





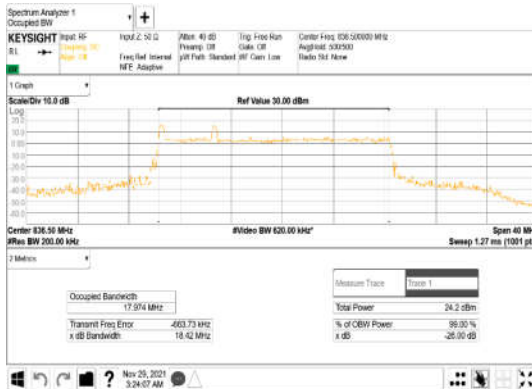
DC\_66A\_n5A (15M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



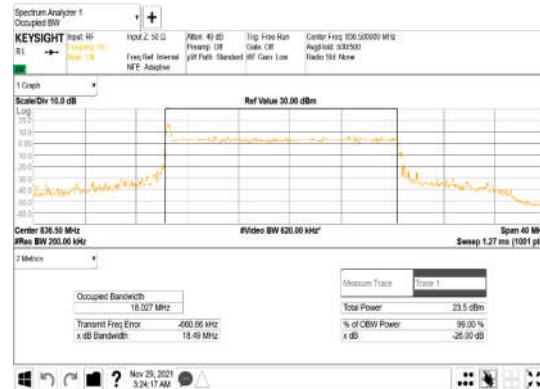
DC\_66A\_n5A (15M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



DC\_66A\_n5A (20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



DC\_66A\_n5A (20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



EN-DC Band	NR Bandwidth(MHz)	Arfcn	Freq (MHz)	Modulation	OBW (MHz)	26dB OBW (MHz)
DC_5A_n7A	5	531000	2535.0	DFT-s-OFDM PI/2 BPSK	4.4526	4.600
DC_5A_n7A	5	531000	2535.0	DFT-s-OFDM QPSK	4.4762	4.595
DC_5A_n7A	10	531000	2535.0	DFT-s-OFDM PI/2 BPSK	8.8829	9.162
DC_5A_n7A	10	531000	2535.0	DFT-s-OFDM QPSK	8.8950	9.144
DC_5A_n7A	15	531000	2535.0	DFT-s-	13.412	13.76



				OFDM PI/2 BPSK		
DC_5A_n7A	15	531000	2535.0	DFT-s- OFDM QPSK	13.437	13.78
DC_5A_n7A	20	531000	2535.0	DFT-s- OFDM PI/2 BPSK	17.991	18.37
DC_5A_n7A	20	531000	2535.0	DFT-s- OFDM QPSK	17.971	18.48
DC_5A_n7A	25	531000	2535.0	DFT-s- OFDM PI/2 BPSK	22.987	23.76
DC_5A_n7A	25	531000	2535.0	DFT-s- OFDM QPSK	22.935	23.56
DC_5A_n7A	30	531000	2535.0	DFT-s- OFDM PI/2 BPSK	28.628	29.66
DC_5A_n7A	30	531000	2535.0	DFT-s- OFDM QPSK	28.659	29.37
DC_5A_n7A	40	531000	2535.0	DFT-s- OFDM PI/2 BPSK	38.849	39.67
DC_5A_n7A	40	531000	2535.0	DFT-s- OFDM QPSK	38.734	39.62
DC_5A_n7A	50	531000	2535.0	DFT-s- OFDM PI/2 BPSK	48.608	49.54
DC_5A_n7A	50	531000	2535.0	DFT-s- OFDM QPSK	48.708	49.66

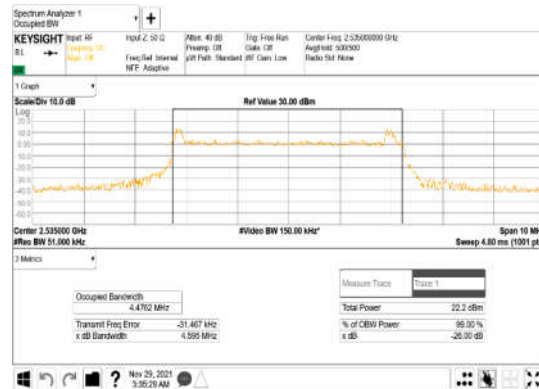




DC\_5A\_n7A (5M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



DC\_5A\_n7A (5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



DC\_5A\_n7A (10M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



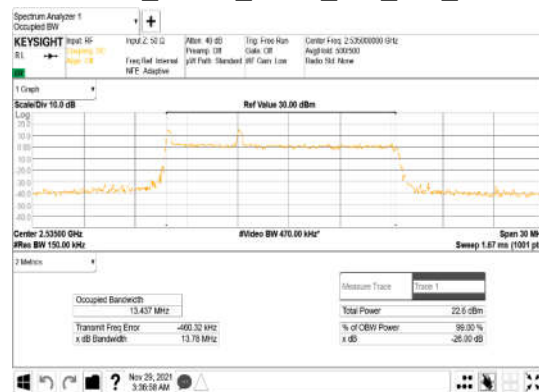
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DC\_5A\_n7A (15M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



DC\_5A\_n7A (15M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH





No. I21N03262-RF-NR

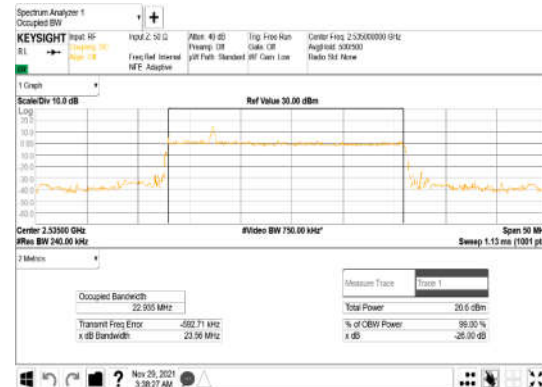
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BPSK\_Outer\_Full\_Mid\_CH

DC\_5A\_n7A (20M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



DC\_5A\_n7A (25M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH

DC\_5A\_n7A (25M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



DC\_5A\_n7A (30M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH

DC\_5A\_n7A (30M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH





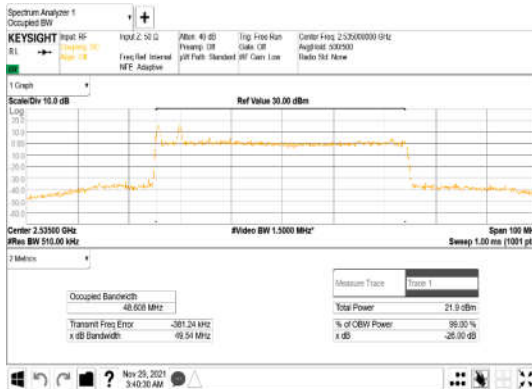
DC\_5A\_n7A (40M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



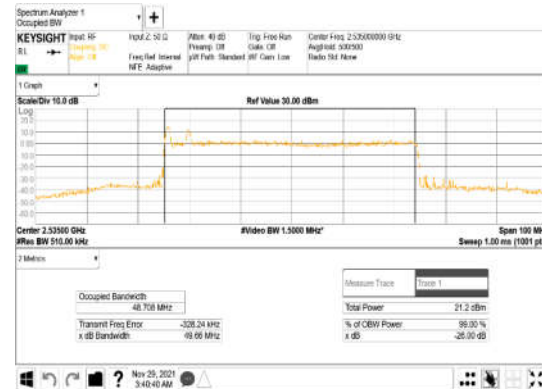
DC\_5A\_n7A (40M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



DC\_5A\_n7A (50M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



DC\_5A\_n7A (50M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



EN-DC Band	NR Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	OBW (MHz)	26dB OBW (MHz)
DC_66A_n7A	5	531000	2535.0	DFT-s-OFDM PI/2 BPSK	4.4540	4.619
DC_66A_n7A	5	531000	2535.0	DFT-s-OFDM QPSK	4.4522	4.631
DC_66A_n7A	10	531000	2535.0	DFT-s-OFDM PI/2 BPSK	8.9454	9.190
DC_66A_n7A	10	531000	2535.0	DFT-s-OFDM QPSK	8.9587	9.215
DC_66A_n7A	15	531000	2535.0	DFT-s-OFDM PI/2 BPSK	13.441	13.77
DC_66A_n7A	15	531000	2535.0	DFT-s-OFDM	13.464	13.78



				QPSK		
DC_66A_n7A	20	531000	2535.0	DFT-s-OFDM PI/2 BPSK	17.988	18.41
DC_66A_n7A	20	531000	2535.0	DFT-s-OFDM QPSK	17.981	18.37
DC_66A_n7A	25	531000	2535.0	DFT-s-OFDM PI/2 BPSK	22.929	23.49
DC_66A_n7A	25	531000	2535.0	DFT-s-OFDM QPSK	22.858	23.85
DC_66A_n7A	30	531000	2535.0	DFT-s-OFDM PI/2 BPSK	28.774	29.4
DC_66A_n7A	30	531000	2535.0	DFT-s-OFDM QPSK	28.735	29.36
DC_66A_n7A	40	531000	2535.0	DFT-s-OFDM PI/2 BPSK	38.932	39.74
DC_66A_n7A	40	531000	2535.0	DFT-s-OFDM QPSK	38.847	39.70
DC_66A_n7A	50	531000	2535.0	DFT-s-OFDM PI/2 BPSK	48.578	49.58
DC_66A_n7A	50	531000	2535.0	DFT-s-OFDM QPSK	48.641	49.53

DC\_66A\_n7A (5M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



DC\_66A\_n7A (5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH





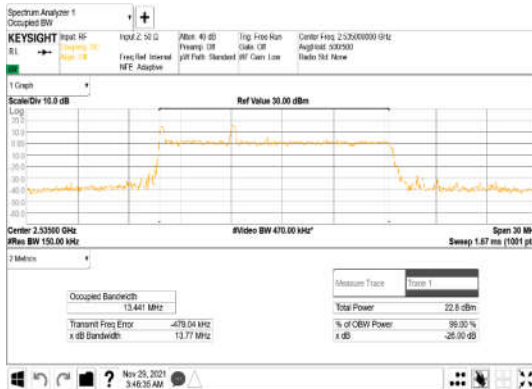
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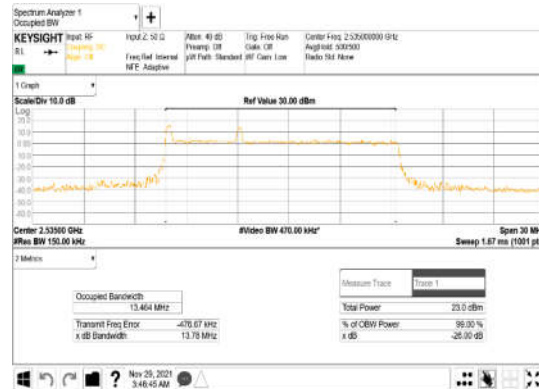
DC\_66A\_n7A (10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



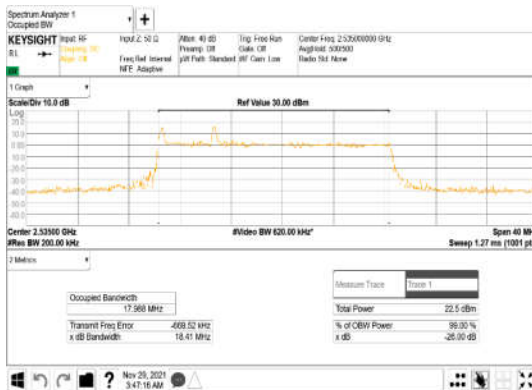
DC\_66A\_n7A (15M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



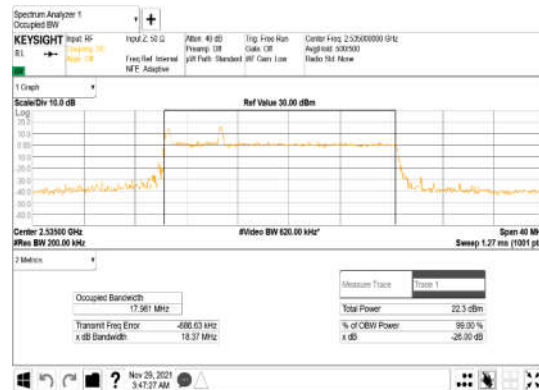
DC\_66A\_n7A (15M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



DC\_66A\_n7A (20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



DC\_66A\_n7A (20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH

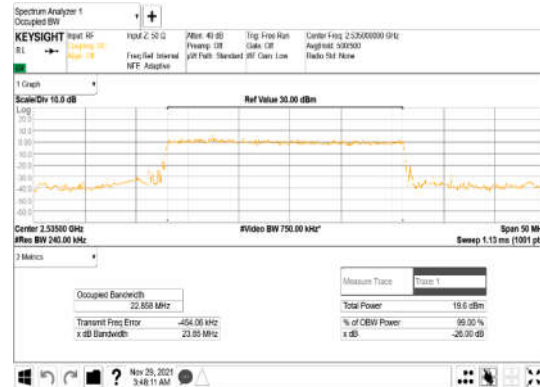




DC\_66A\_n7A (25M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



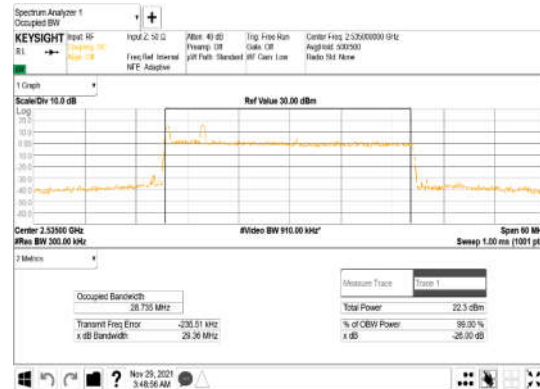
DC\_66A\_n7A (25M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



DC\_66A\_n7A (30M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



DC\_66A\_n7A (30M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



DC\_66A\_n7A (40M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



DC\_66A\_n7A (40M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH





DC\_66A\_n7A (50M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH



DC\_66A\_n7A (50M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH

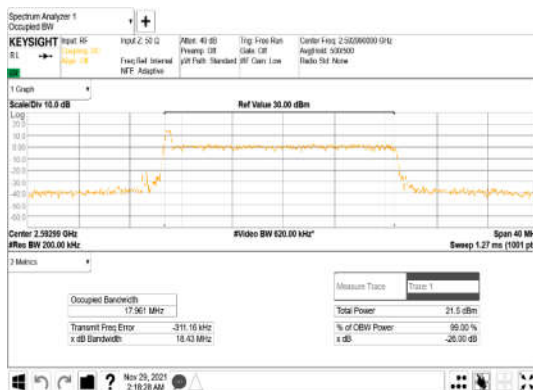


EN-DC Band	NR Bandwidth(MHz)	Arfcn	Freq (MHz)	Modulation	OBW (MHz)	26dB OBW (MHz)
DC_26A_n41A	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	17.961	18.43
DC_26A_n41A	20	518598	2592.99	DFT-s-OFDM QPSK	17.936	18.38
DC_26A_n41A	30	518598	2592.99	DFT-s-OFDM PI/2 BPSK	27.073	27.96
DC_26A_n41A	30	518598	2592.99	DFT-s-OFDM QPSK	27.016	27.63
DC_26A_n41A	40	518598	2592.99	DFT-s-OFDM PI/2 BPSK	36.093	36.86
DC_26A_n41A	40	518598	2592.99	DFT-s-OFDM QPSK	36.127	36.86
DC_26A_n41A	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	46.151	46.98
DC_26A_n41A	50	518598	2592.99	DFT-s-OFDM QPSK	46.125	47.49
DC_26A_n41A	60	518598	2592.99	DFT-s-OFDM PI/2 BPSK	58.555	59.52



DC_26A_n41A	60	518598	2592.99	DFT-s-OFDM QPSK	58.485	59.62
DC_26A_n41A	80	518598	2592.99	DFT-s-OFDM PI/2 BPSK	77.810	79.26
DC_26A_n41A	80	518598	2592.99	DFT-s-OFDM QPSK	77.827	79.31
DC_26A_n41A	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	86.477	88.21
DC_26A_n41A	90	518598	2592.99	DFT-s-OFDM QPSK	86.574	88.12
DC_26A_n41A	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	97.225	99.08
DC_26A_n41A	100	518598	2592.99	DFT-s-OFDM QPSK	97.244	98.97

DC\_26A\_n41A (20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



DC\_26A\_n41A (20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



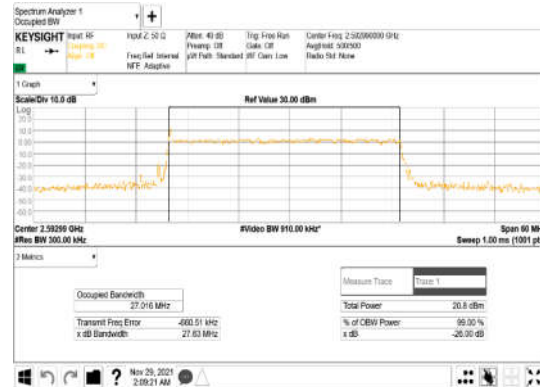




DC\_26A\_n41A (30M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



DC\_26A\_n41A (30M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



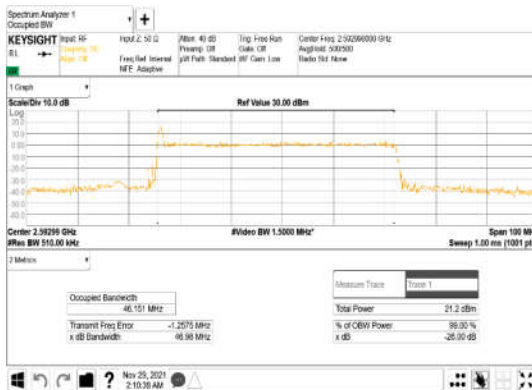
DC\_26A\_n41A (40M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



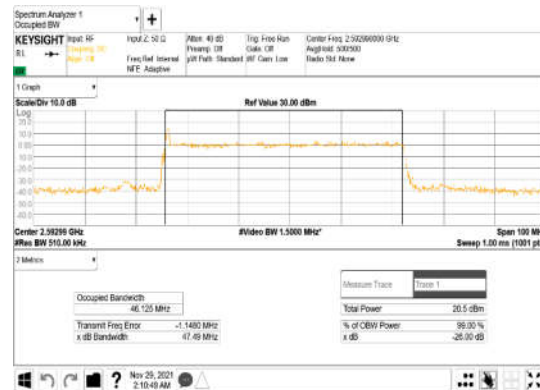
DC\_26A\_n41A (40M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



DC\_26A\_n41A (50M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



DC\_26A\_n41A (50M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH





DC\_26A\_n41A (60M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



DC\_26A\_n41A (60M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



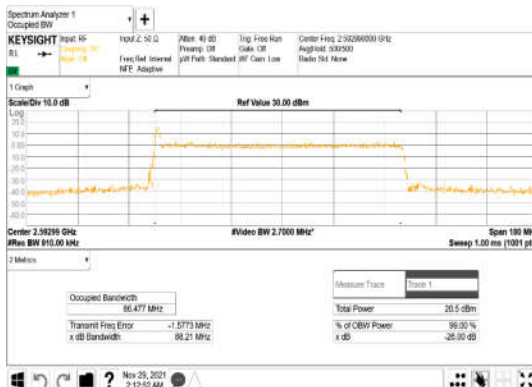
DC\_26A\_n41A (80M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



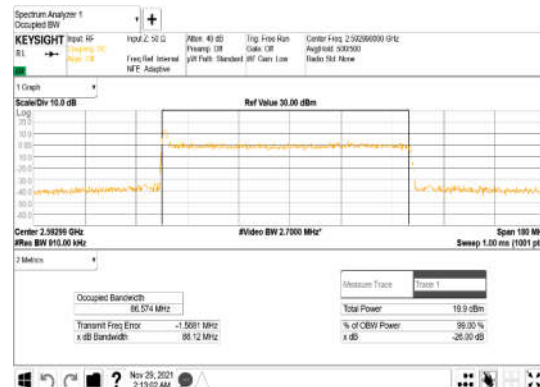
DC\_26A\_n41A (80M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



DC\_26A\_n41A (90M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



DC\_26A\_n41A (90M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH





No. I21N03262-RF-NR

DC\_26A\_n41A(100M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH

DC\_26A\_n41A(100M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



Note: Expanded measurement uncertainty is  $U = 3428$  Hz,  $k = 2$



## **A.5 BAND EDGE COMPLIANCE**

### **Reference**

FCC: CFR Part 2.1051, 22.917, 27.53.

### **A.5.1 Measurement limit**

Part 22.917 For operations in the 824–849MHz band, the FCC limit is  $43 + 10 \log (P)$  dB below the transmitter power(P) in a 100kHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

Part 27.53(h) specify that the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least  $43 + 10 \log(P)$  dB.

Part 27.53(m) specifies for mobile digital stations, the attenuation factor shall be not less than  $40 + 10 \log (P)$  dB on all frequencies between the channel edge and 5 megahertz from the channel edge,  $43 + 10 \log (P)$  dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and  $55 + 10 \log (P)$  dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that  $43 + 10 \log (P)$  dB on all frequencies between 2490.5 MHz and 2496 MHz and  $55 + 10 \log (P)$  dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

Part 27.53(g) states for operations in the 600 MHz band and the 698–746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least  $43 + 10 \log (P)$  dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

### **A.5.2 Measurement Procedure**

The testing follows ANSI C63.26

- a) The EUT was connected to spectrum analyzer and system simulator via a power divider.
- b) The band edges of low and high channels for the highest RF powers were measured.
- c) Set RBW  $\geq 1\%$  EBW in the 1MHz band immediately outside and adjacent to the band edge.
- d) Set spectrum analyzer with RMS detector.
- e) The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
- f) Checked that all the results comply with the emission limit line.

### **A.5.3 Measurement result**

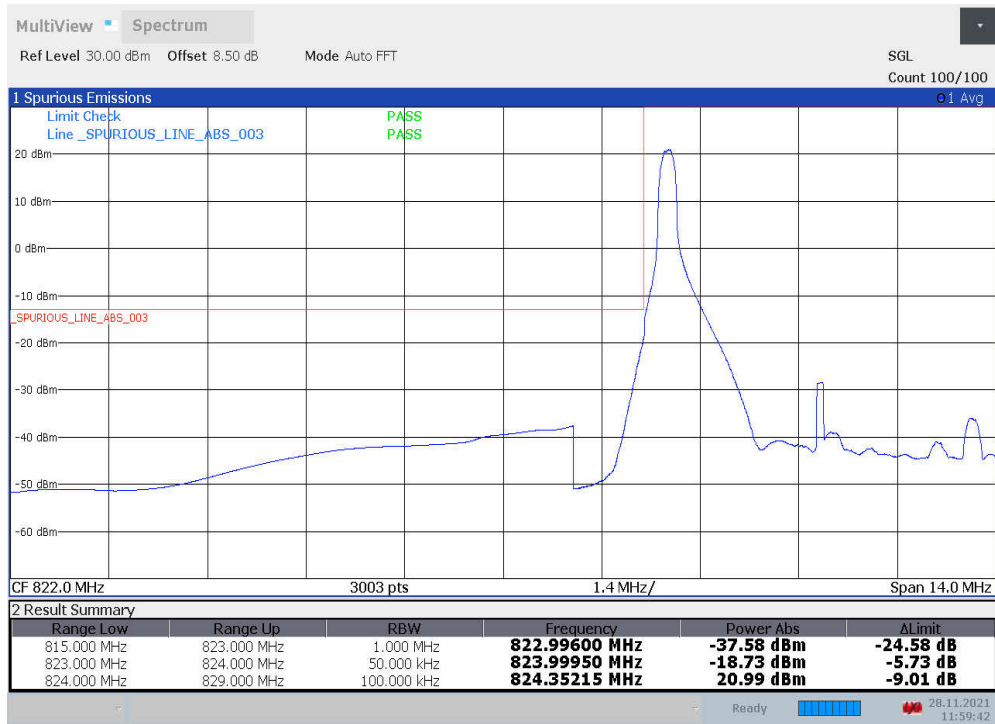
**Only worst case result is given below**

**n5**

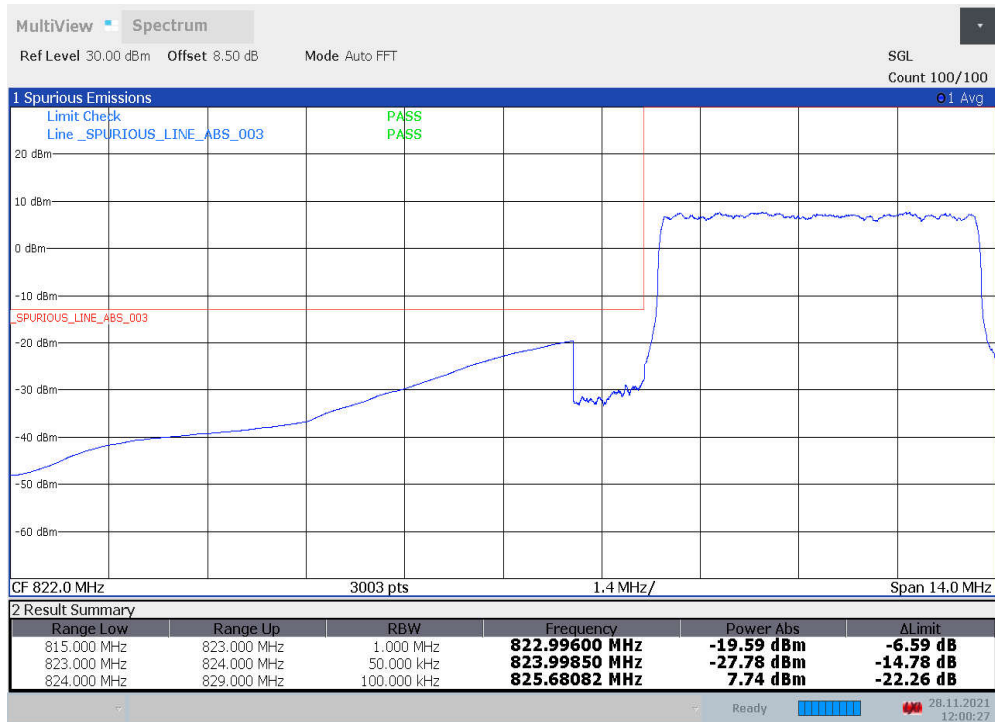
n5(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low



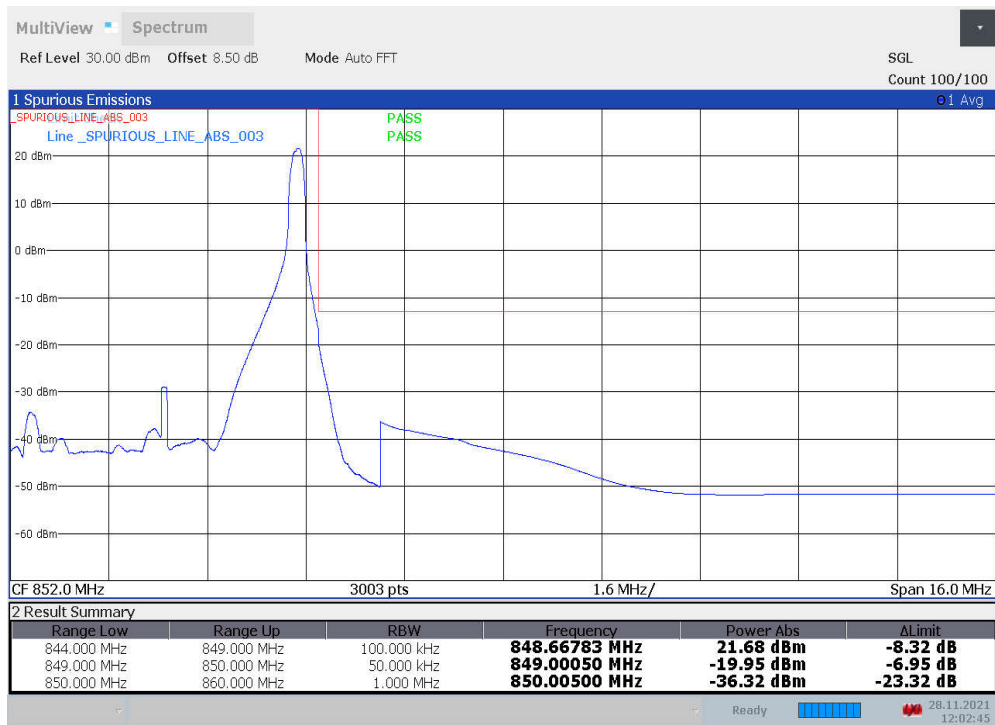
No. I21N03262-RF-NR



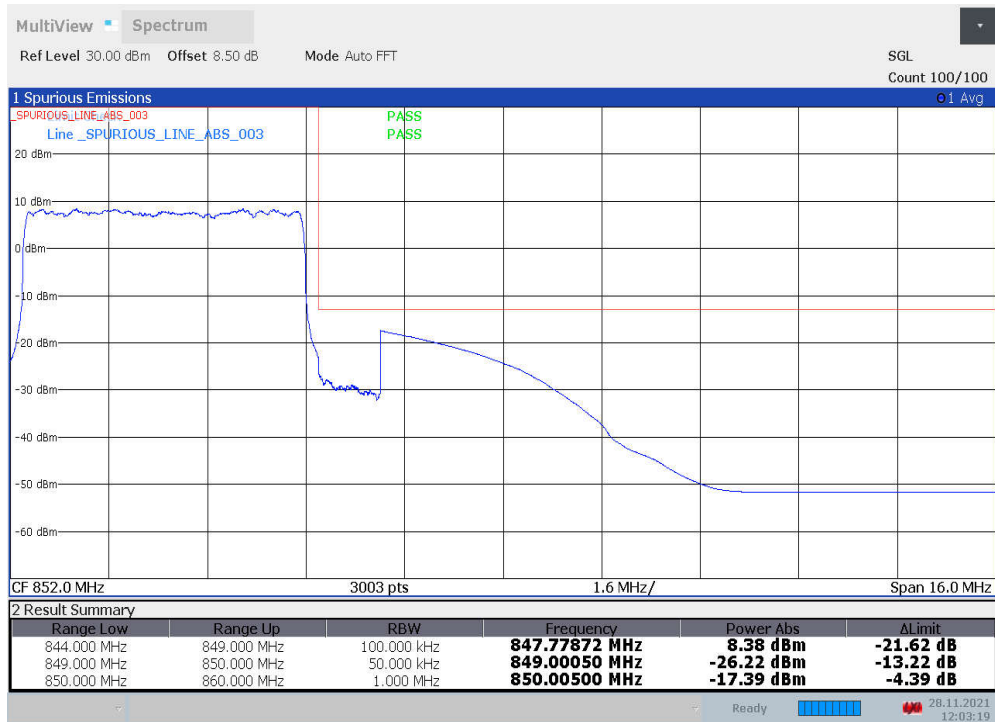
n5(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low



n5(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High

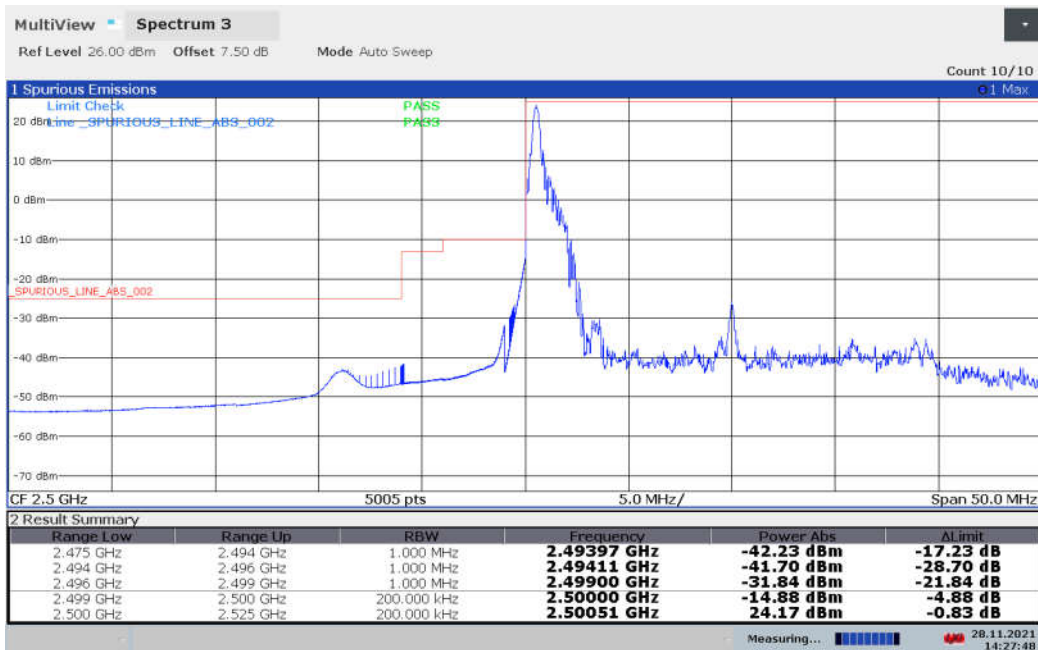


n5(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High



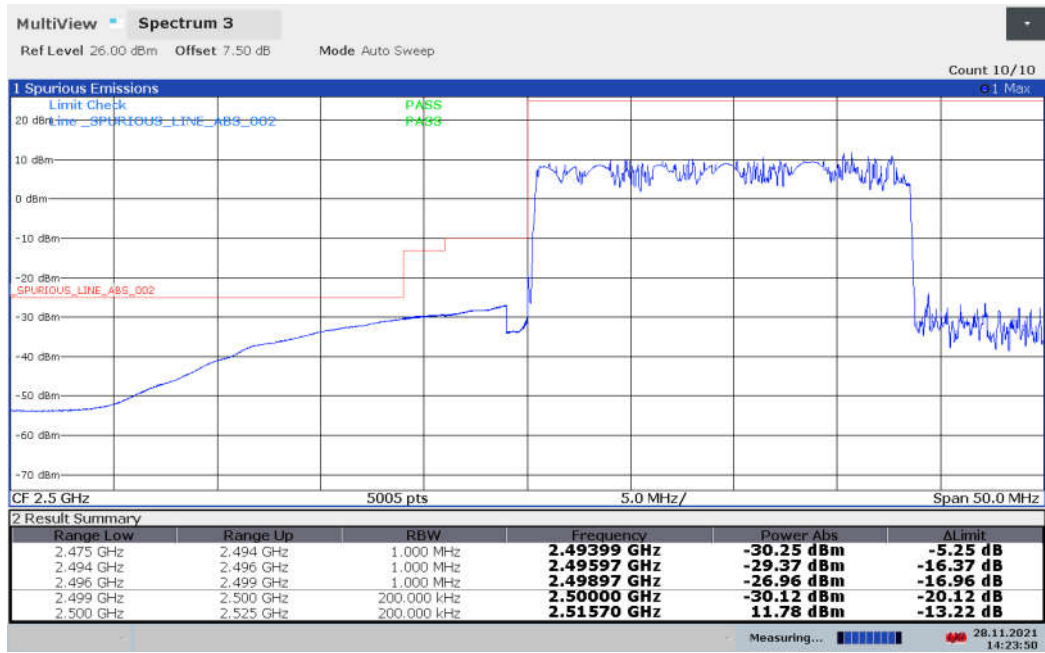
n7

n7(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low

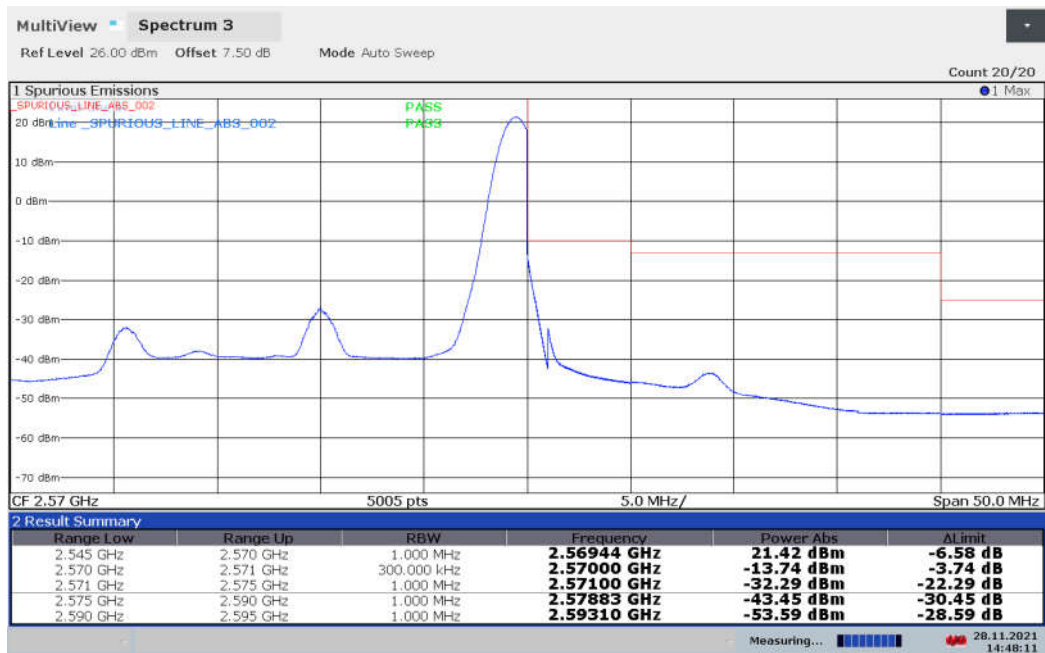




n7(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low



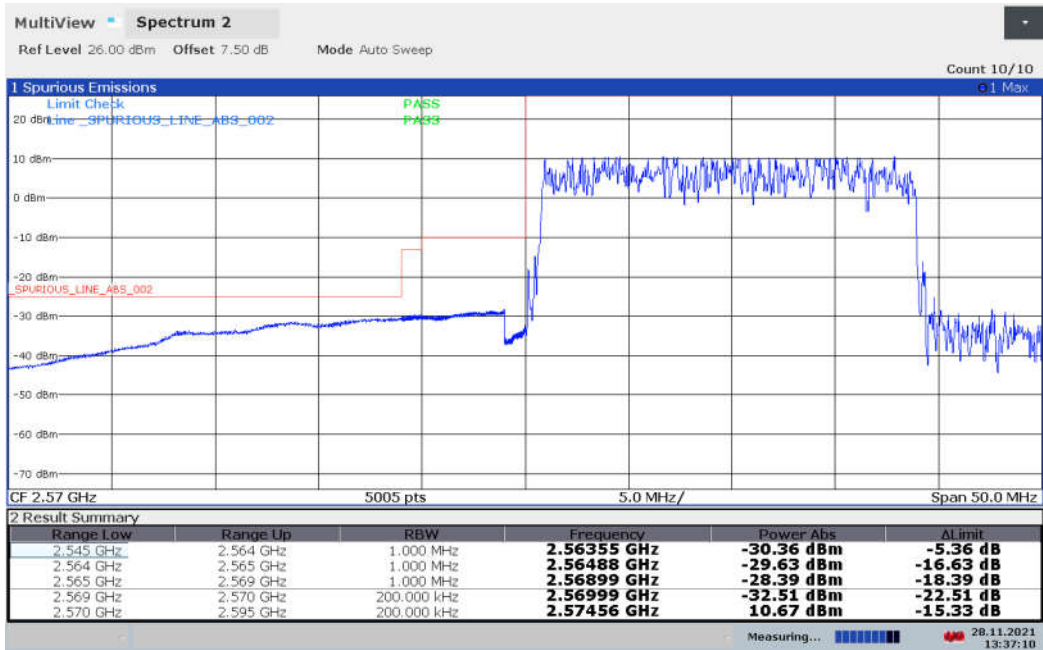
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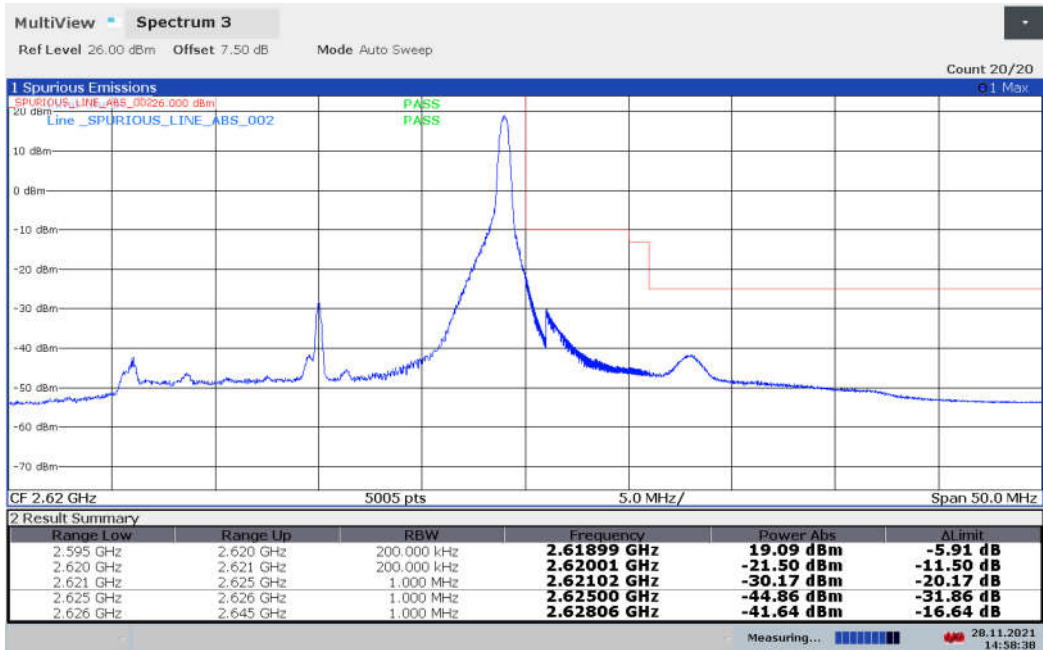
n7(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High



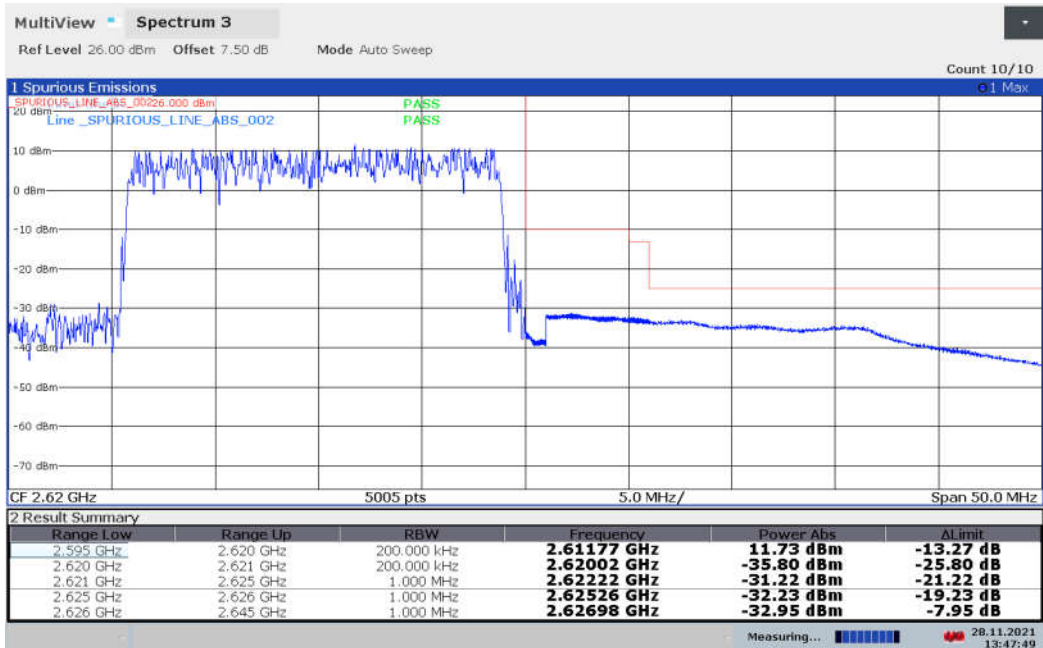




n38(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High

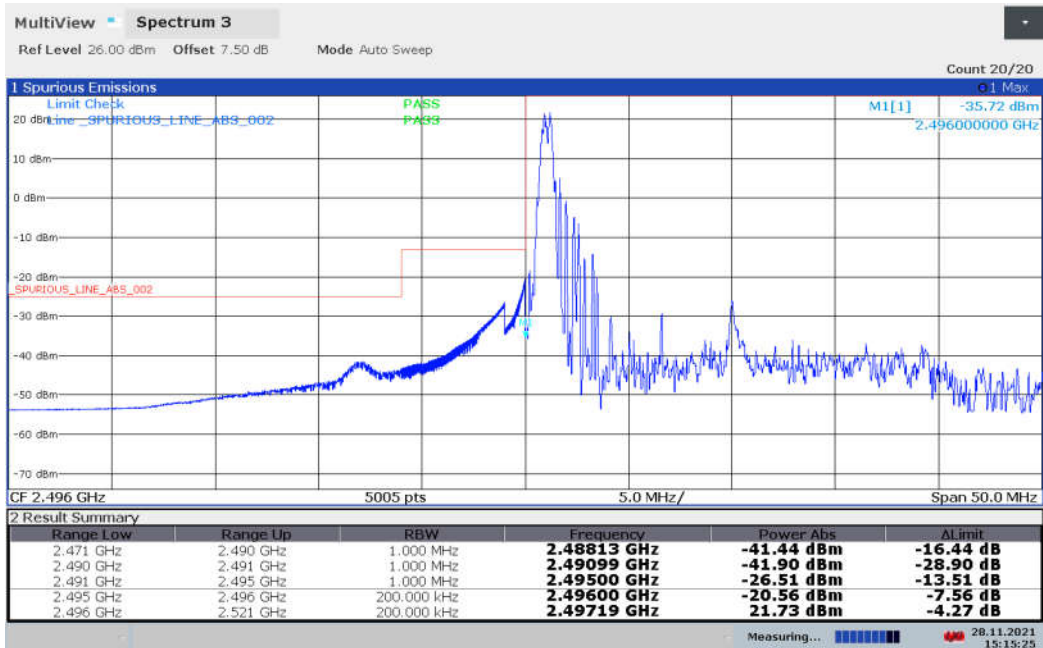


n38(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High

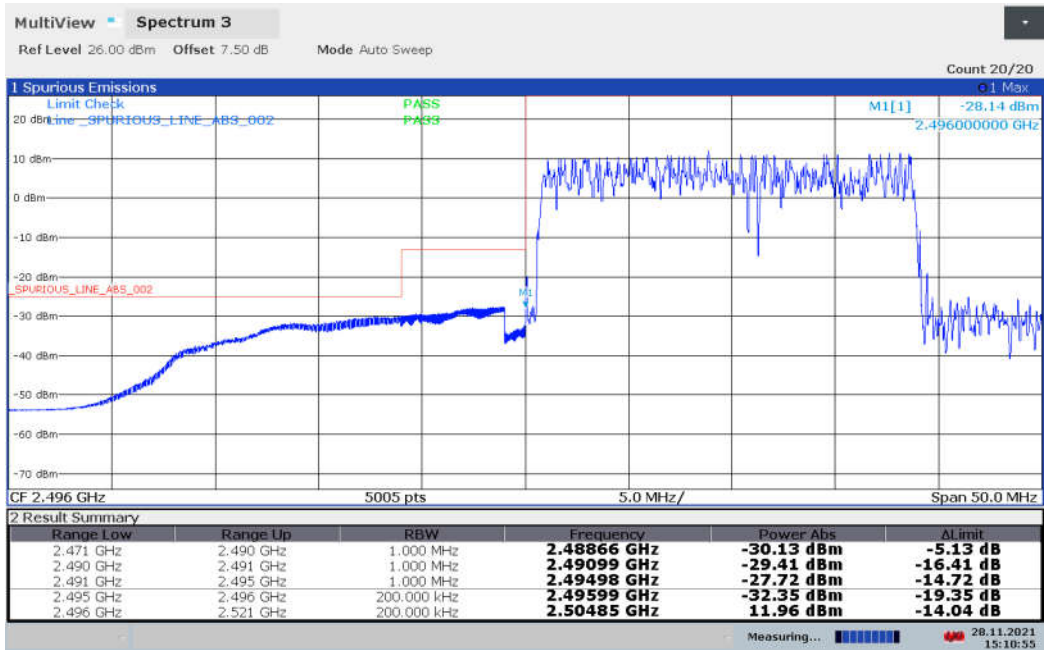


n41

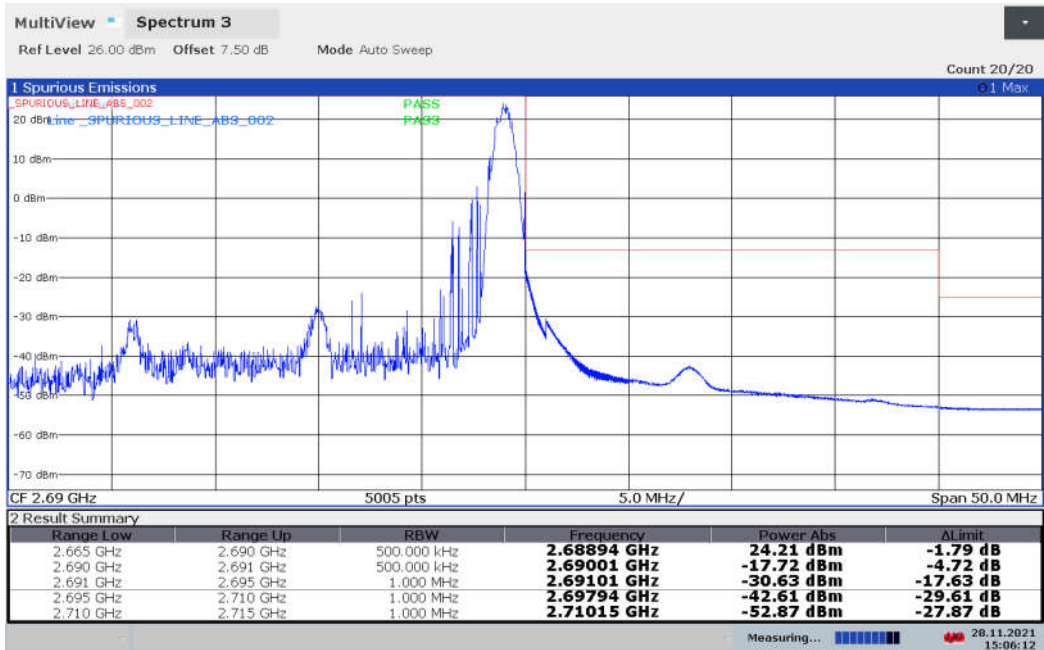
n41(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low



n41(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low

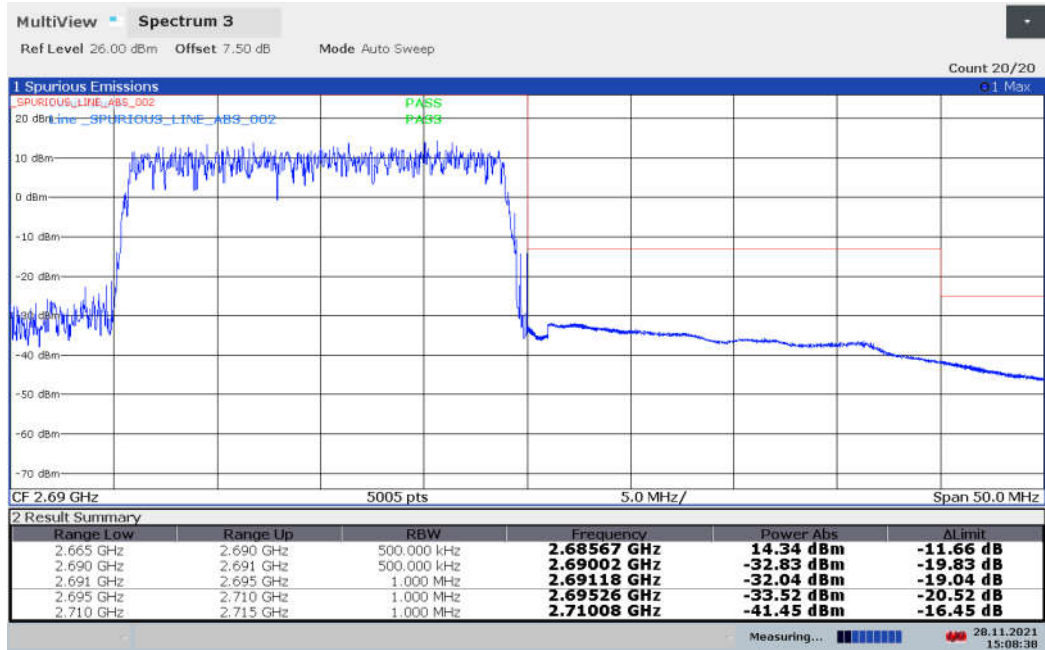


n41(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High



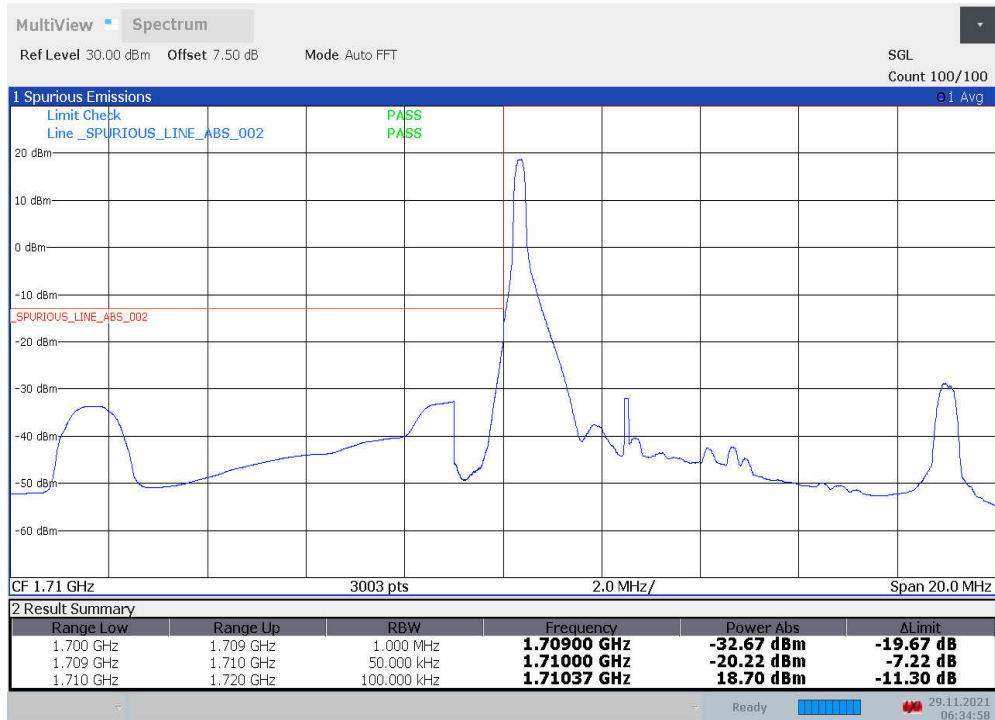


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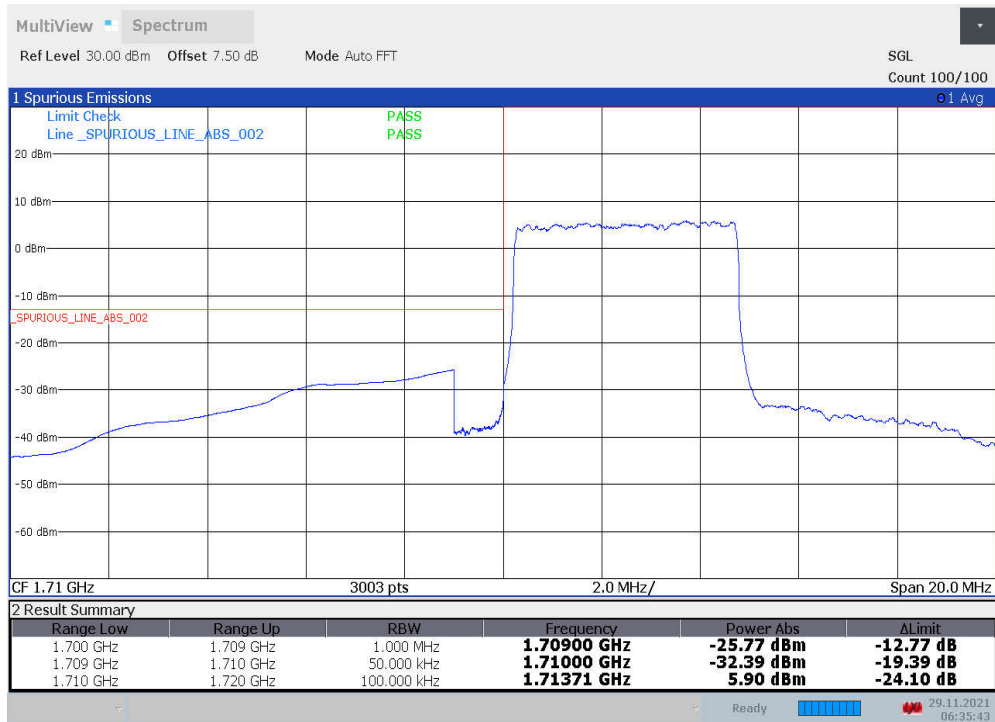


n66

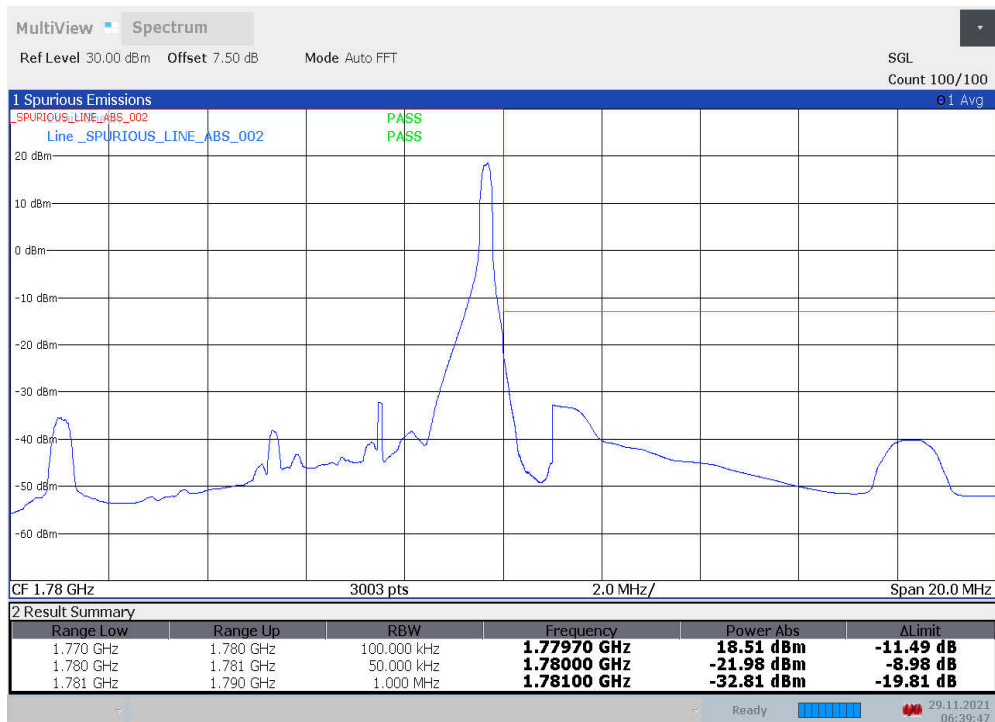
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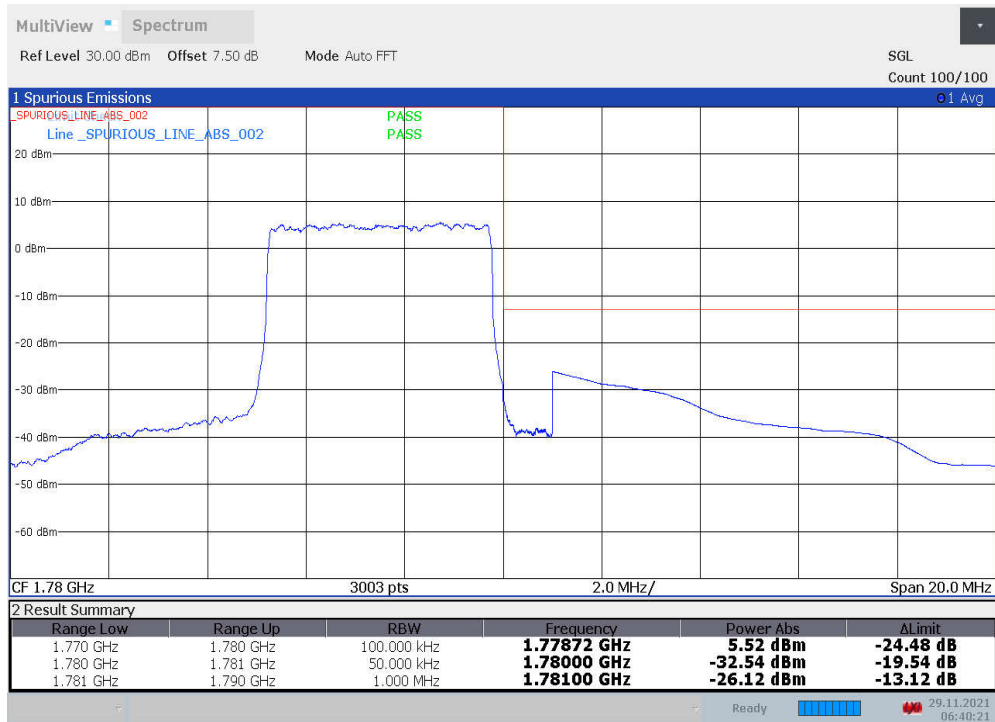
n66(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low



n66(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High

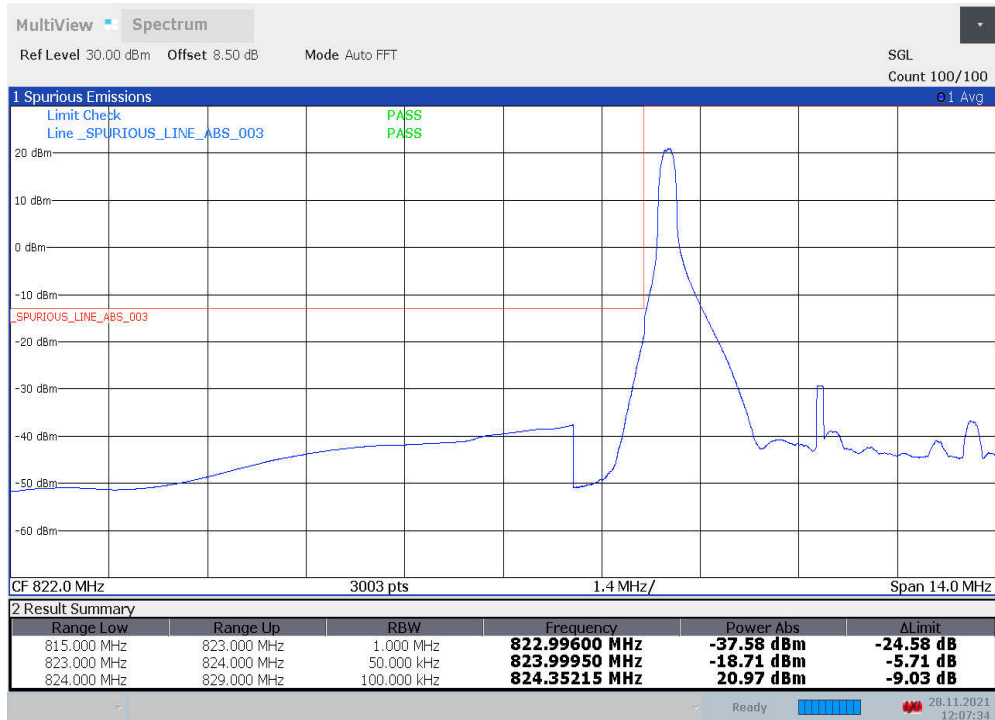


n66(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High

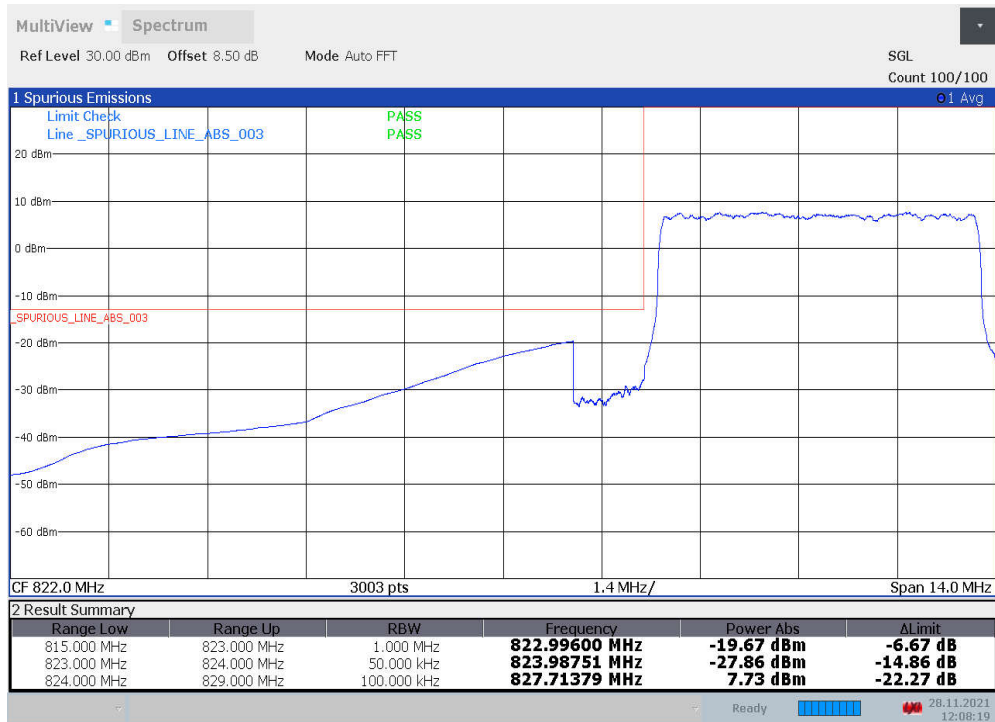


**DC\_66A\_n5A**

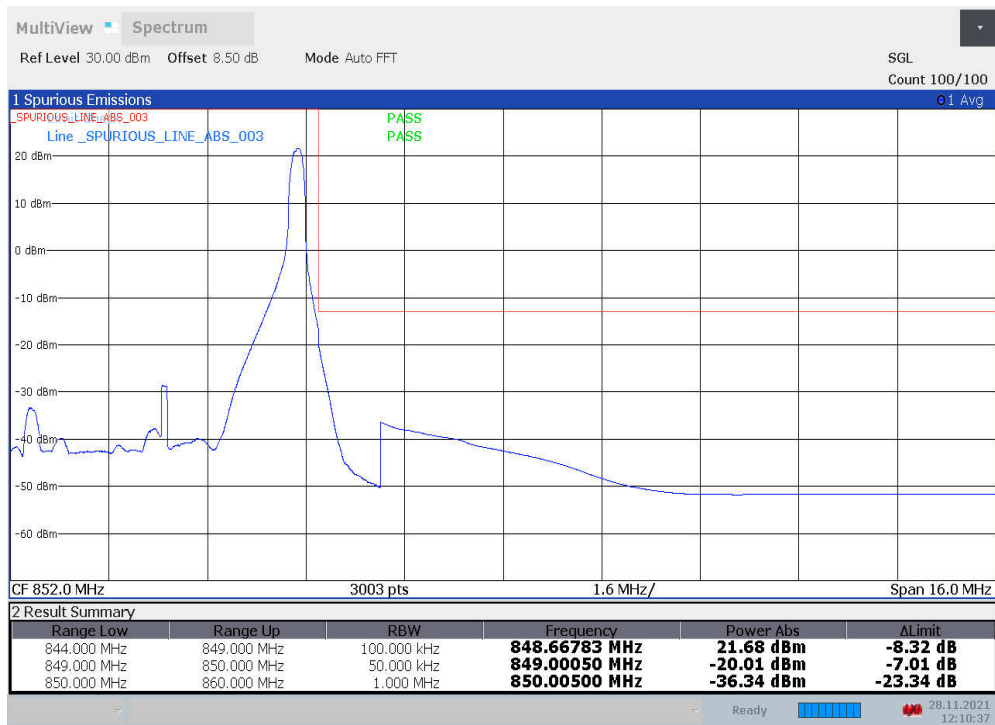
DC\_66A\_n5A (NR 5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low



DC\_66A\_n5A (NR 5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low

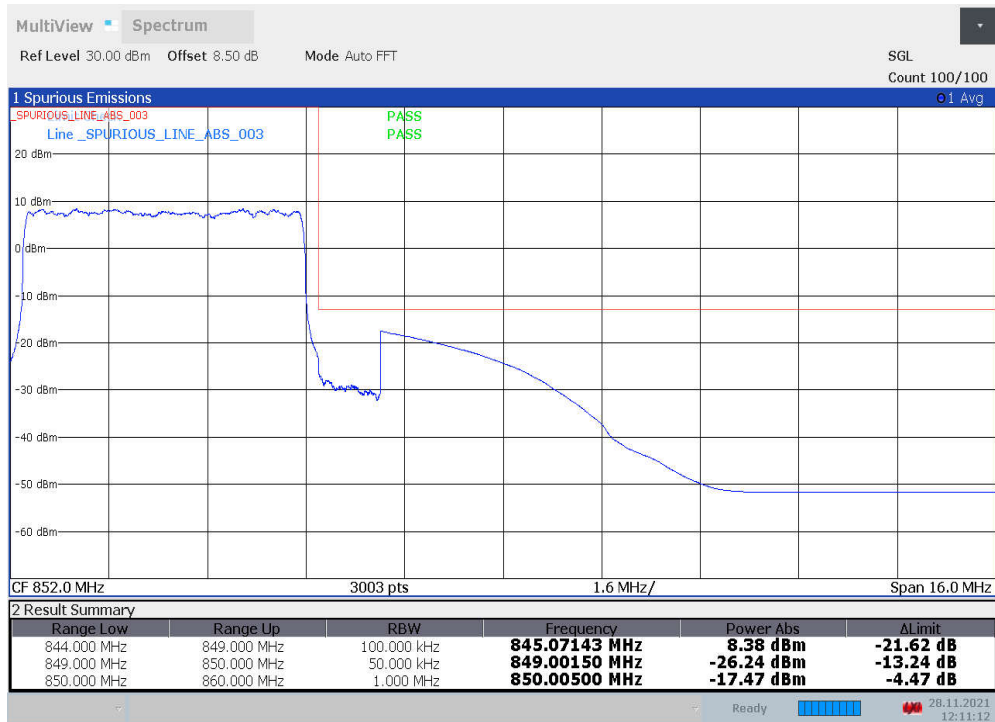


DC\_66A\_n5A (NR 5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High



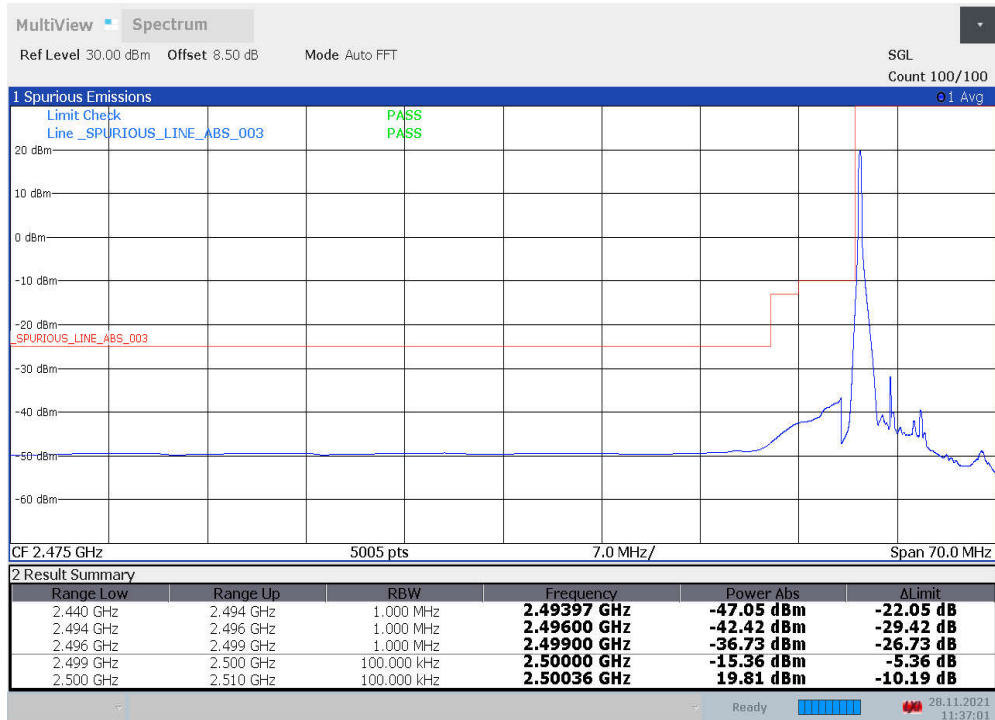
DC\_66A\_n5A (NR 5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High



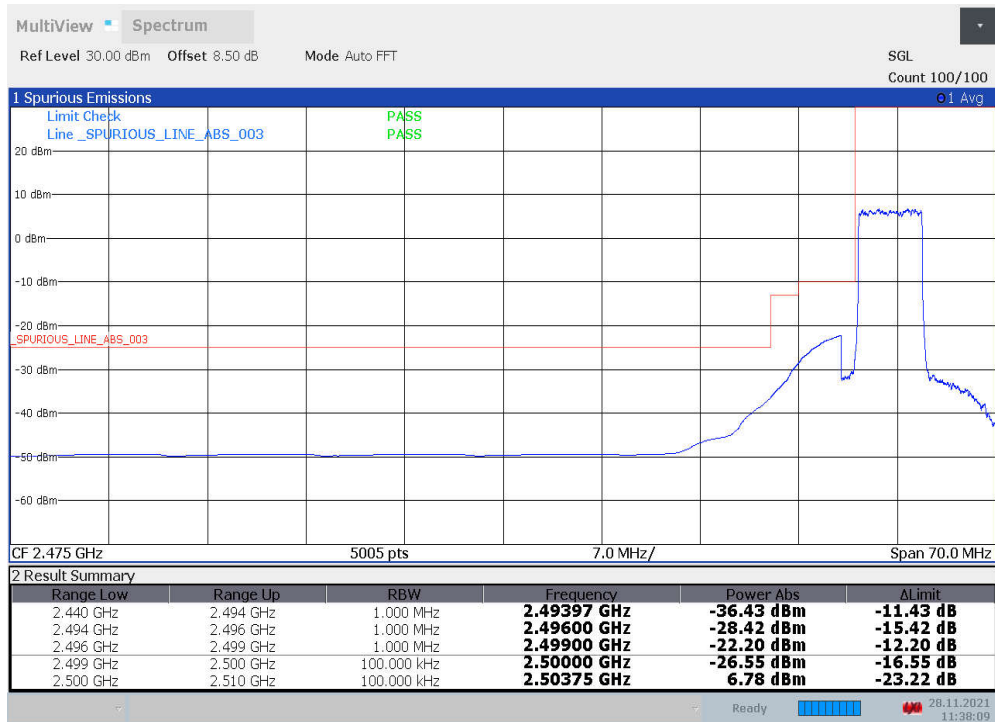


**DC\_5A\_n7A**

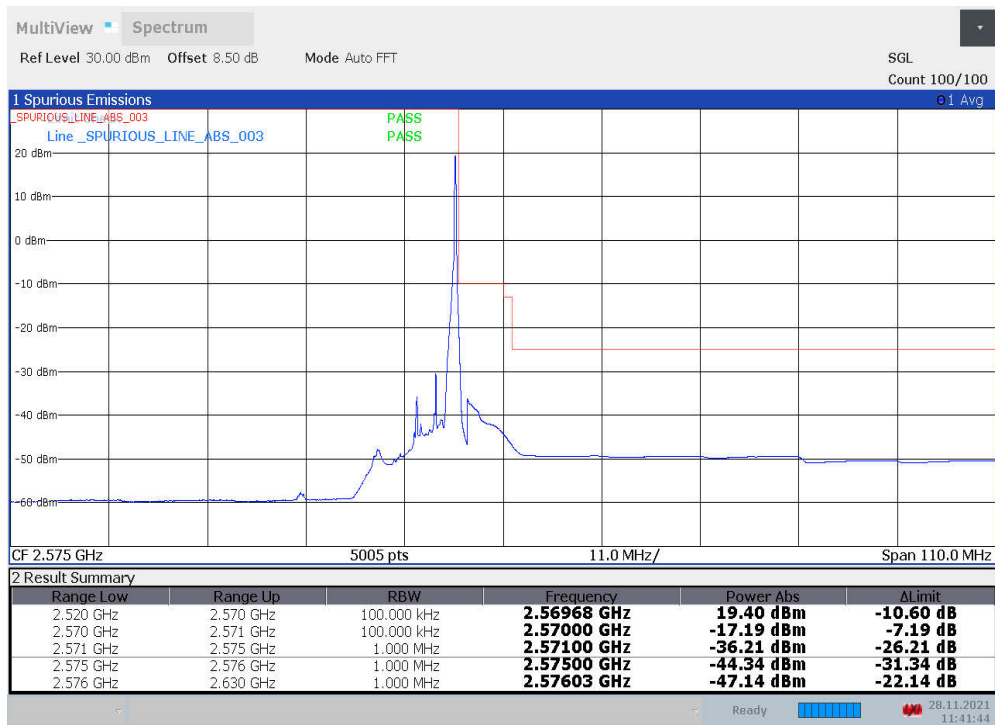
DC\_5A\_n7A (NR 5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low



DC\_5A\_n7A (NR 5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low



DC\_5A\_n7A (NR 5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High



DC\_5A\_n7A (NR 5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High