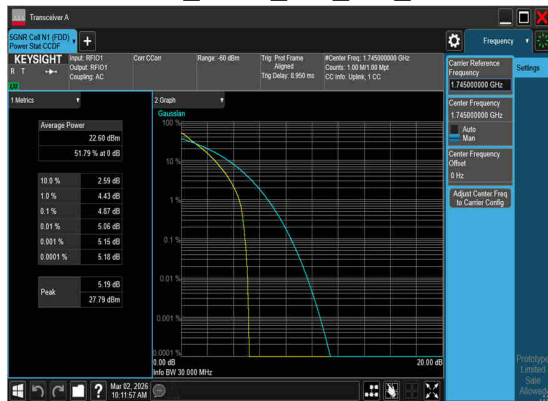




N66(30M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



N66(30M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



N66(30M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_High_CH

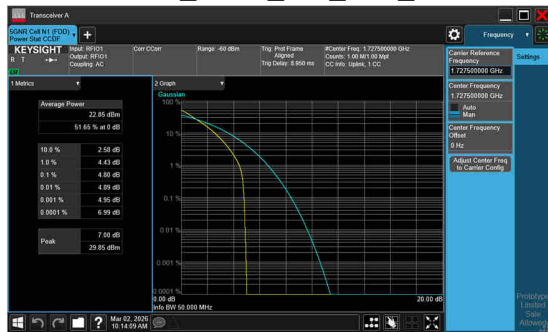


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OFDM_QPSK_Outer_Full_High_CH

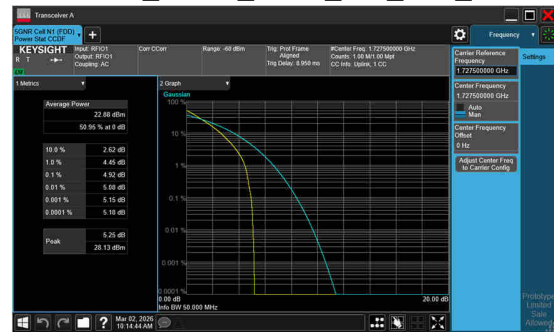




N66(35M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Low_CH



N66(35M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



N66(35M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH

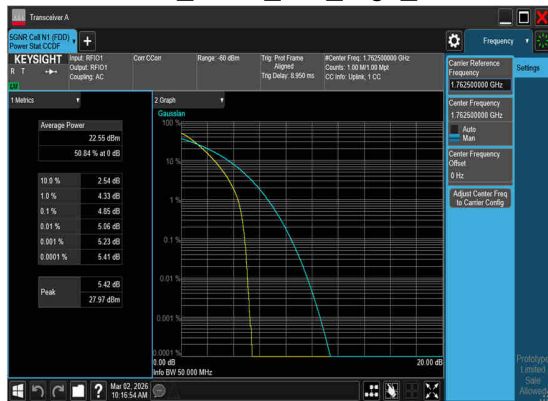


N66(35M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH





N66(35M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_High_CH



N66(35M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



N66(40M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Low_CH

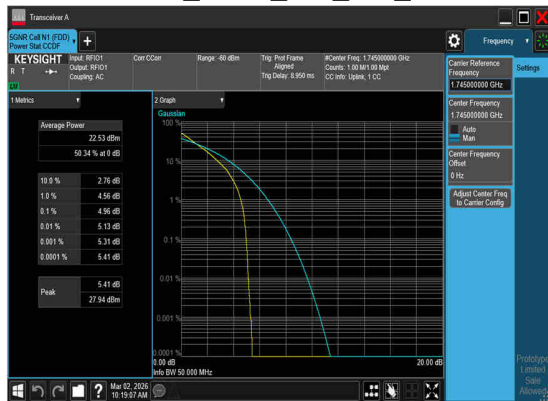


N66(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH





N66(40M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



N66(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



N66(40M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_High_CH

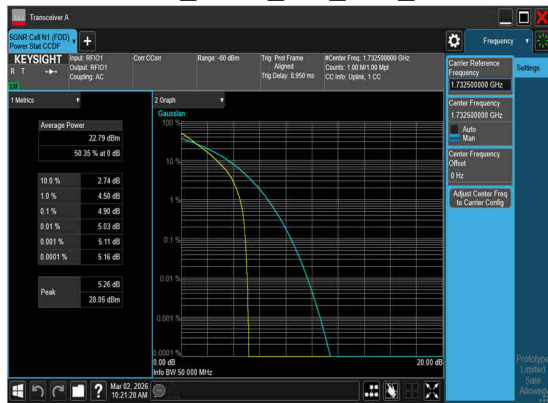


N66(40M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





N66(45M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Low_CH



N66(45M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



N66(45M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH

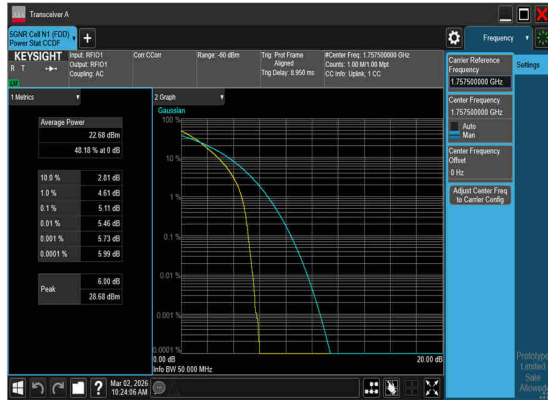


N66(45M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH

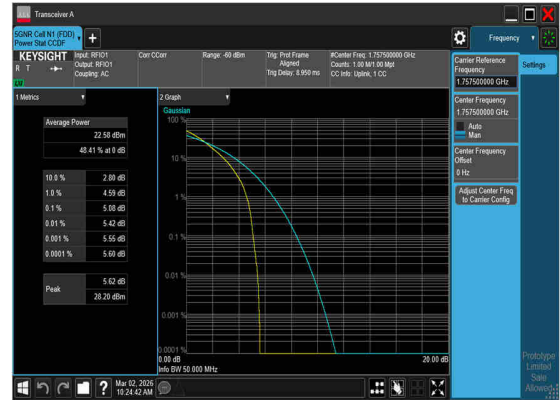




N66(45M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_High_CH



N66(45M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





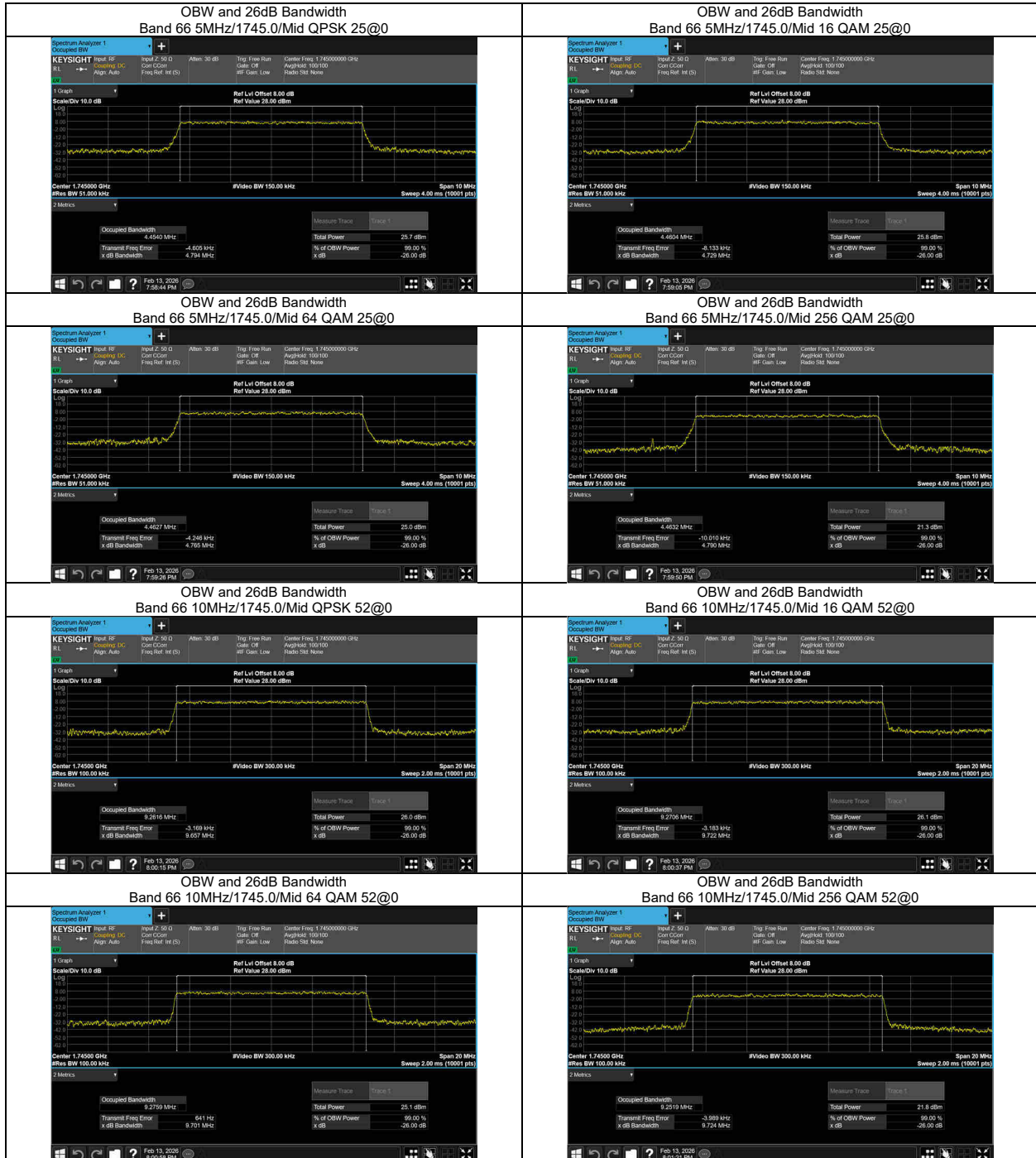
Occupied Bandwidth

Test Result

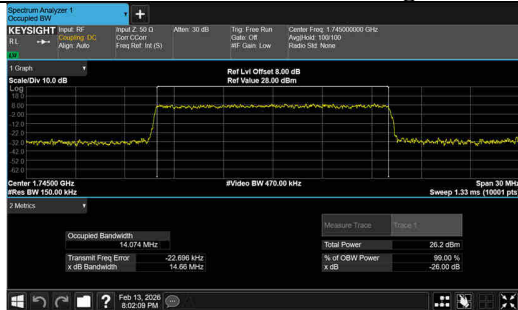
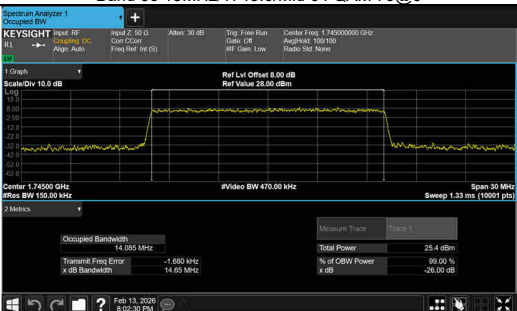
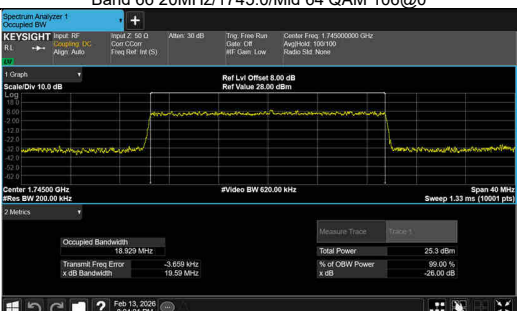
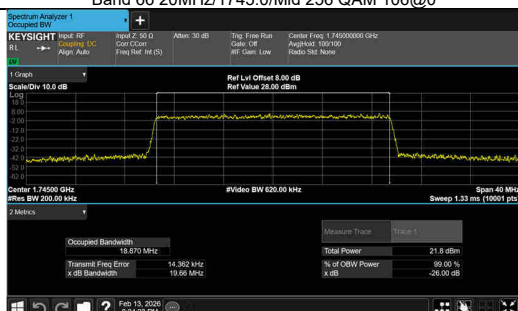
NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	OBW(MHz)	26dB OBW(MHz)
66	15	5	349000	1745.0	CP-OFDM QPSK	25@0	4.45	4.794
66	15	5	349000	1745.0	CP-OFDM 16 QAM	25@0	4.46	4.729
66	15	5	349000	1745.0	CP-OFDM 64 QAM	25@0	4.46	4.765
66	15	5	349000	1745.0	CP-OFDM 256 QAM	25@0	4.46	4.79
66	15	10	349000	1745.0	CP-OFDM QPSK	52@0	9.26	9.657
66	15	10	349000	1745.0	CP-OFDM 16 QAM	52@0	9.27	9.722
66	15	10	349000	1745.0	CP-OFDM 64 QAM	52@0	9.28	9.701
66	15	10	349000	1745.0	CP-OFDM 256 QAM	52@0	9.25	9.724
66	15	15	349000	1745.0	CP-OFDM QPSK	79@0	14.08	14.74
66	15	15	349000	1745.0	CP-OFDM 16 QAM	79@0	14.07	14.66
66	15	15	349000	1745.0	CP-OFDM 64 QAM	79@0	14.09	14.65
66	15	15	349000	1745.0	CP-OFDM 256 QAM	79@0	14.08	14.67
66	15	20	349000	1745.0	CP-OFDM QPSK	106@0	18.87	19.71
66	15	20	349000	1745.0	CP-OFDM 16 QAM	106@0	18.88	19.73
66	15	20	349000	1745.0	CP-OFDM 64 QAM	106@0	18.93	19.59
66	15	20	349000	1745.0	CP-OFDM 256 QAM	106@0	18.87	19.66
66	15	25	349000	1745.0	CP-OFDM QPSK	133@0	23.72	24.64
66	15	25	349000	1745.0	CP-OFDM 16 QAM	133@0	23.73	24.62
66	15	25	349000	1745.0	CP-OFDM 64 QAM	133@0	23.76	24.67
66	15	25	349000	1745.0	CP-OFDM 256 QAM	133@0	23.72	24.61
66	15	30	349000	1745.0	CP-OFDM QPSK	160@0	28.54	29.5
66	15	30	349000	1745.0	CP-OFDM 16 QAM	160@0	28.55	29.76
66	15	30	349000	1745.0	CP-OFDM 64 QAM	160@0	28.54	29.6
66	15	30	349000	1745.0	CP-OFDM 256 QAM	160@0	28.49	29.53
66	15	35	349000	1745.0	CP-OFDM QPSK	188@0	33.48	34.77
66	15	35	349000	1745.0	CP-OFDM 16 QAM	188@0	33.4	34.77
66	15	35	349000	1745.0	CP-OFDM 64 QAM	188@0	33.46	34.72
66	15	35	349000	1745.0	CP-OFDM 256 QAM	188@0	33.46	34.84
66	15	40	349000	1745.0	CP-OFDM QPSK	216@0	38.5	39.84
66	15	40	349000	1745.0	CP-OFDM 16 QAM	216@0	38.44	39.76
66	15	40	349000	1745.0	CP-OFDM 64 QAM	216@0	38.44	39.82
66	15	40	349000	1745.0	CP-OFDM 256 QAM	216@0	38.46	39.76
66	15	45	349000	1745.0	CP-OFDM QPSK	242@0	43.17	44.64
66	15	45	349000	1745.0	CP-OFDM 16 QAM	242@0	43.14	44.57
66	15	45	349000	1745.0	CP-OFDM 64 QAM	242@0	43.09	44.55
66	15	45	349000	1745.0	CP-OFDM 256 QAM	242@0	43.21	44.58



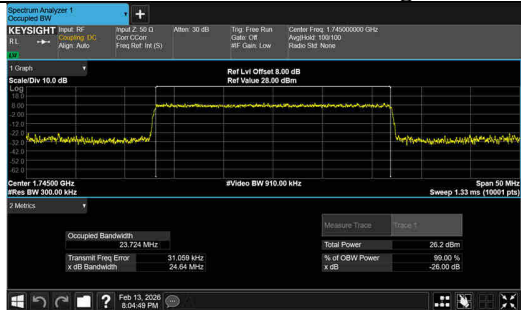
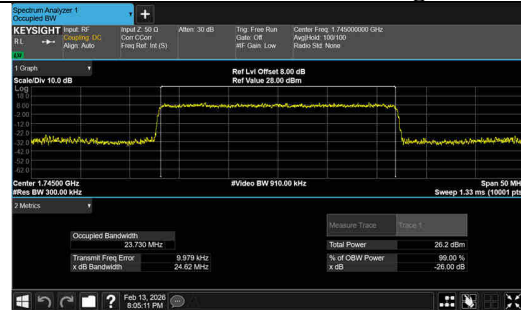
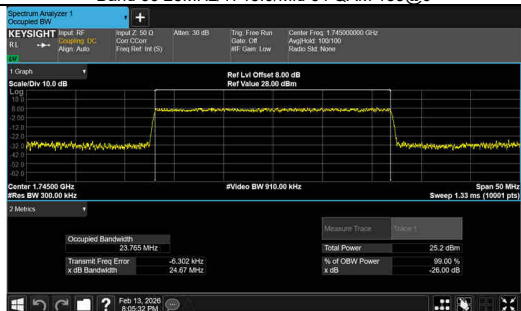
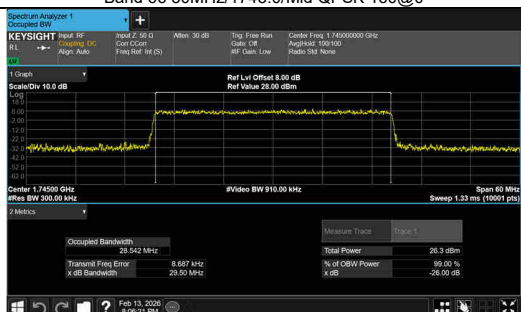
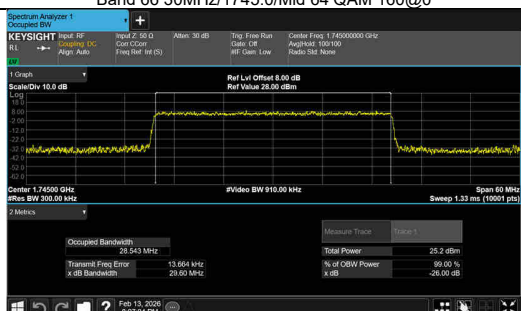
Test Graphs



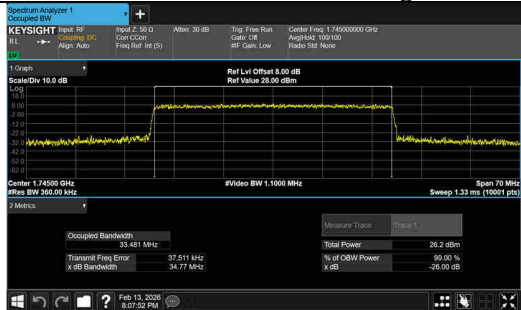
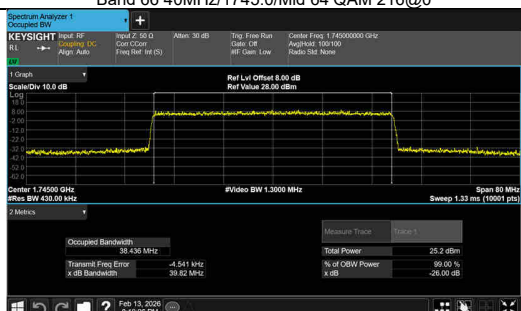
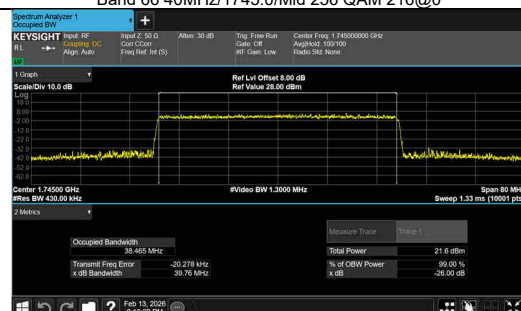


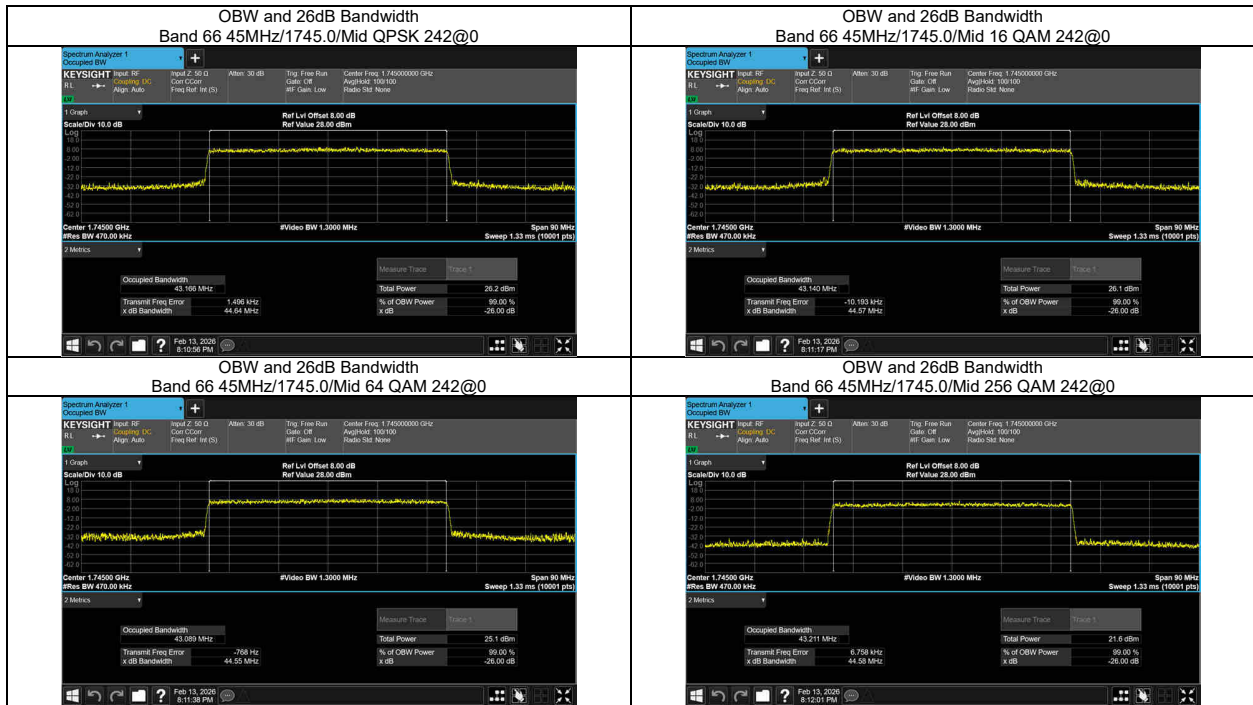
<p>OBW and 26dB Bandwidth Band 66 15MHz/1745.0/Mid QPSK 79@0</p> 	<p>OBW and 26dB Bandwidth Band 66 15MHz/1745.0/Mid 16 QAM 79@0</p> 
<p>OBW and 26dB Bandwidth Band 66 15MHz/1745.0/Mid 64 QAM 79@0</p> 	<p>OBW and 26dB Bandwidth Band 66 15MHz/1745.0/Mid 256 QAM 79@0</p> 
<p>OBW and 26dB Bandwidth Band 66 20MHz/1745.0/Mid QPSK 106@0</p> 	<p>OBW and 26dB Bandwidth Band 66 20MHz/1745.0/Mid 16 QAM 106@0</p> 
<p>OBW and 26dB Bandwidth Band 66 20MHz/1745.0/Mid 64 QAM 106@0</p> 	<p>OBW and 26dB Bandwidth Band 66 20MHz/1745.0/Mid 256 QAM 106@0</p> 



<p>OBW and 26dB Bandwidth Band 66 25MHz/1745.0/Mid QPSK 133@0</p>  <p>Occupied Bandwidth: 23.724 MHz Total Power: 26.2 dBm % of OBW Power: 99.00 % x dB: -26.00 dB</p>	<p>OBW and 26dB Bandwidth Band 66 25MHz/1745.0/Mid 16 QAM 133@0</p>  <p>Occupied Bandwidth: 23.730 MHz Total Power: 26.2 dBm % of OBW Power: 99.00 % x dB: -26.00 dB</p>
<p>OBW and 26dB Bandwidth Band 66 25MHz/1745.0/Mid 64 QAM 133@0</p>  <p>Occupied Bandwidth: 23.765 MHz Total Power: 26.2 dBm % of OBW Power: 99.00 % x dB: -26.00 dB</p>	<p>OBW and 26dB Bandwidth Band 66 25MHz/1745.0/Mid 256 QAM 133@0</p>  <p>Occupied Bandwidth: 23.720 MHz Total Power: 26.2 dBm % of OBW Power: 99.00 % x dB: -26.00 dB</p>
<p>OBW and 26dB Bandwidth Band 66 30MHz/1745.0/Mid QPSK 160@0</p>  <p>Occupied Bandwidth: 28.542 MHz Total Power: 26.3 dBm % of OBW Power: 99.00 % x dB: -26.00 dB</p>	<p>OBW and 26dB Bandwidth Band 66 30MHz/1745.0/Mid 16 QAM 160@0</p>  <p>Occupied Bandwidth: 28.547 MHz Total Power: 26.3 dBm % of OBW Power: 99.00 % x dB: -26.00 dB</p>
<p>OBW and 26dB Bandwidth Band 66 30MHz/1745.0/Mid 64 QAM 160@0</p>  <p>Occupied Bandwidth: 28.443 MHz Total Power: 25.2 dBm % of OBW Power: 99.00 % x dB: -26.00 dB</p>	<p>OBW and 26dB Bandwidth Band 66 30MHz/1745.0/Mid 256 QAM 160@0</p>  <p>Occupied Bandwidth: 28.450 MHz Total Power: 21.7 dBm % of OBW Power: 99.00 % x dB: -26.00 dB</p>



<p>OBW and 26dB Bandwidth Band 66 35MHz/1745.0/Mid QPSK 188@0</p>  <p>Occupied Bandwidth: 33.481 MHz Total Power: 26.2 dBm % of OBW Power: 99.00 %</p>	<p>OBW and 26dB Bandwidth Band 66 35MHz/1745.0/Mid 16 QAM 188@0</p>  <p>Occupied Bandwidth: 33.401 MHz Total Power: 26.3 dBm % of OBW Power: 99.00 %</p>
<p>OBW and 26dB Bandwidth Band 66 35MHz/1745.0/Mid 64 QAM 188@0</p>  <p>Occupied Bandwidth: 33.457 MHz Total Power: 26.2 dBm % of OBW Power: 99.00 %</p>	<p>OBW and 26dB Bandwidth Band 66 35MHz/1745.0/Mid 256 QAM 188@0</p>  <p>Occupied Bandwidth: 33.459 MHz Total Power: 26.3 dBm % of OBW Power: 99.00 %</p>
<p>OBW and 26dB Bandwidth Band 66 40MHz/1745.0/Mid QPSK 216@0</p>  <p>Occupied Bandwidth: 38.500 MHz Total Power: 26.2 dBm % of OBW Power: 99.00 %</p>	<p>OBW and 26dB Bandwidth Band 66 40MHz/1745.0/Mid 16 QAM 216@0</p>  <p>Occupied Bandwidth: 38.439 MHz Total Power: 26.2 dBm % of OBW Power: 99.00 %</p>
<p>OBW and 26dB Bandwidth Band 66 40MHz/1745.0/Mid 64 QAM 216@0</p>  <p>Occupied Bandwidth: 38.430 MHz Total Power: 25.2 dBm % of OBW Power: 99.00 %</p>	<p>OBW and 26dB Bandwidth Band 66 40MHz/1745.0/Mid 256 QAM 216@0</p>  <p>Occupied Bandwidth: 38.460 MHz Total Power: 21.6 dBm % of OBW Power: 99.00 %</p>





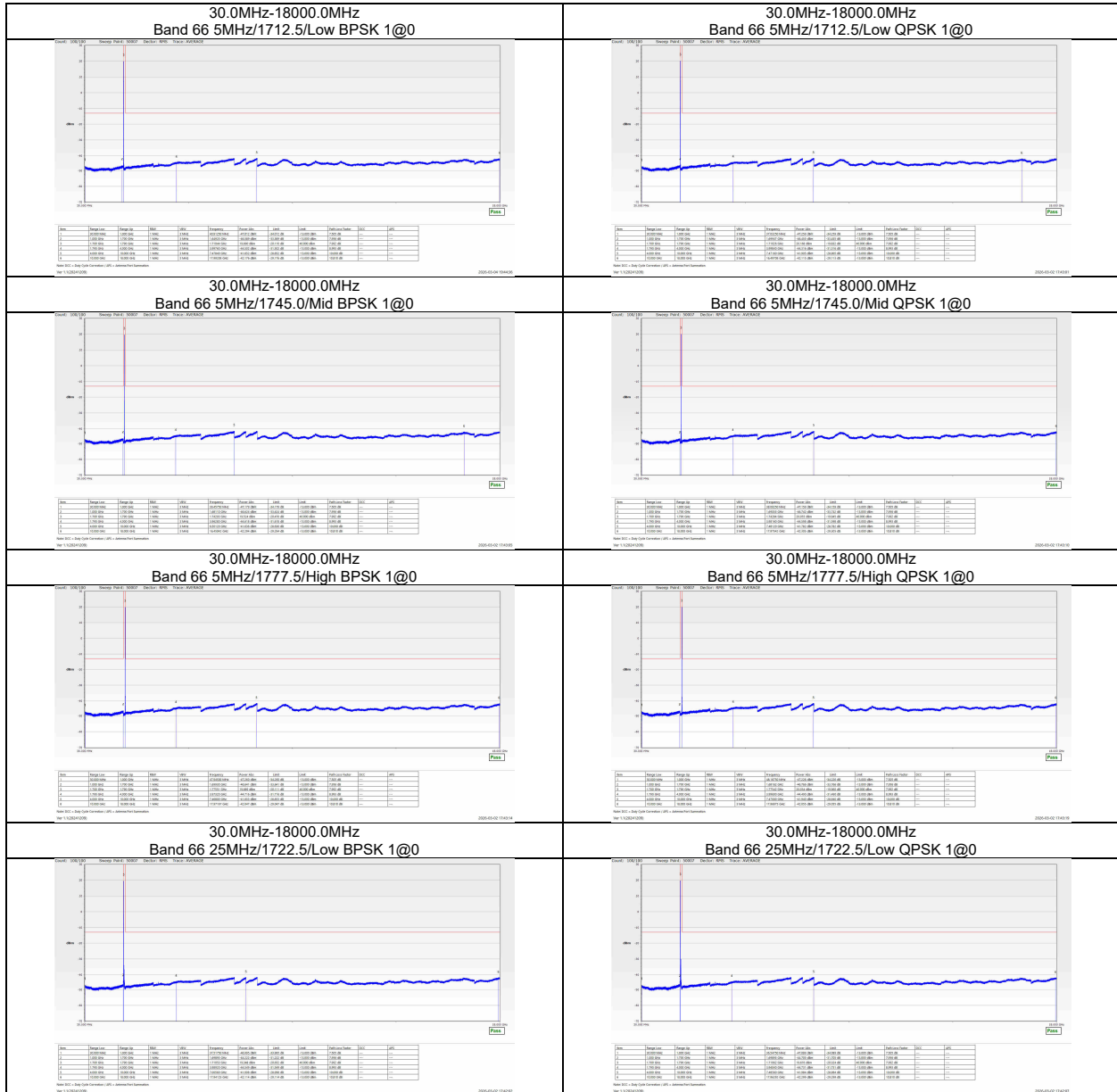
Conducted Spurious Emissions

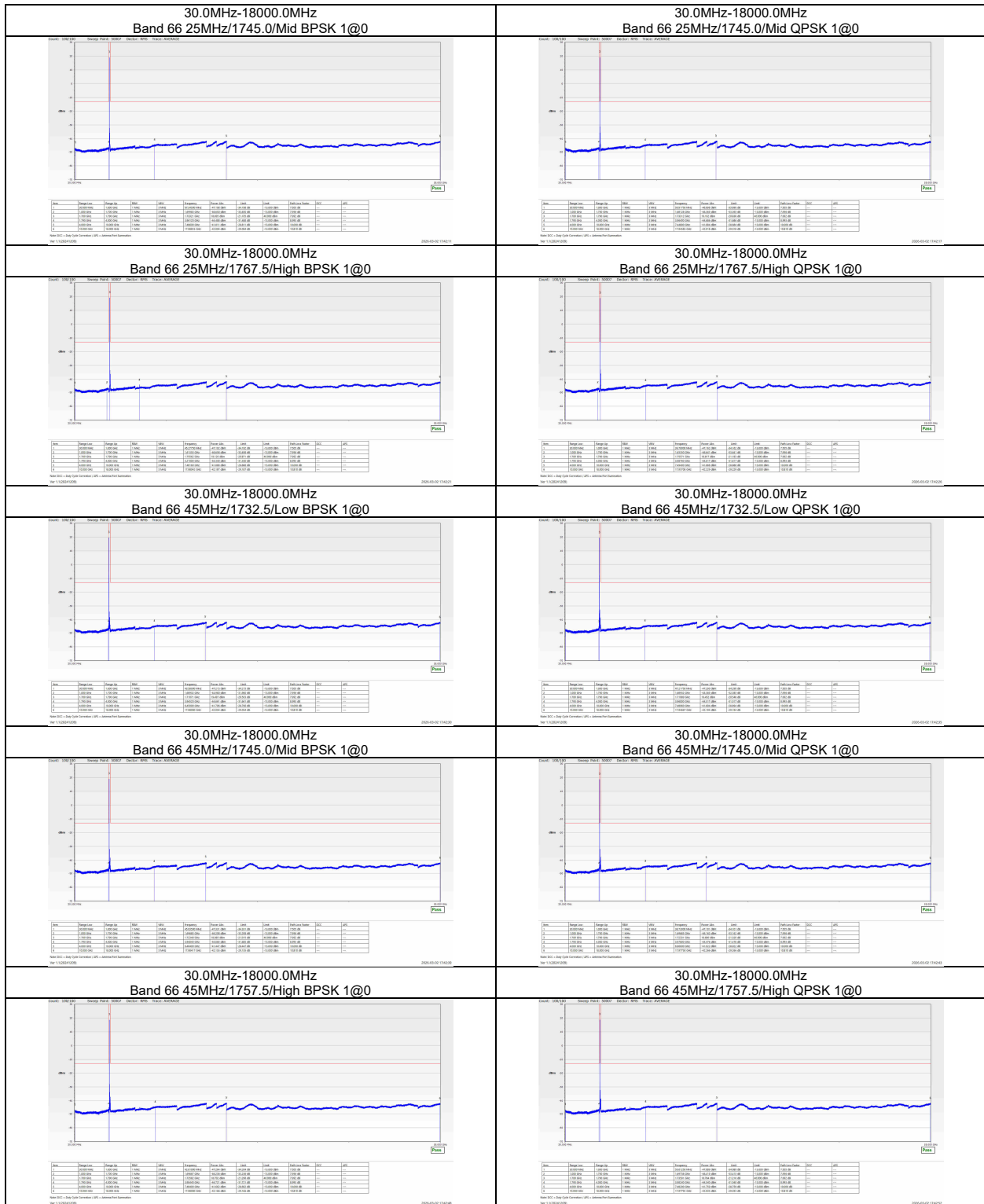
Test Result

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Result	Verdict
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	See graph	---
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	See graph	---
66	15	5	349000	1745.0	DFT-s-OFDM BPSK	1@0	See graph	---
66	15	5	349000	1745.0	DFT-s-OFDM QPSK	1@0	See graph	---
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	1@0	See graph	---
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@0	See graph	---
66	15	25	344500	1722.5	DFT-s-OFDM BPSK	1@0	See graph	---
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	1@0	See graph	---
66	15	25	349000	1745.0	DFT-s-OFDM BPSK	1@0	See graph	---
66	15	25	349000	1745.0	DFT-s-OFDM QPSK	1@0	See graph	---
66	15	25	353500	1767.5	DFT-s-OFDM BPSK	1@0	See graph	---
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@0	See graph	---
66	15	45	346500	1732.5	DFT-s-OFDM BPSK	1@0	See graph	---
66	15	45	346500	1732.5	DFT-s-OFDM QPSK	1@0	See graph	---
66	15	45	349000	1745.0	DFT-s-OFDM BPSK	1@0	See graph	---
66	15	45	349000	1745.0	DFT-s-OFDM QPSK	1@0	See graph	---
66	15	45	351500	1757.5	DFT-s-OFDM BPSK	1@0	See graph	---
66	15	45	351500	1757.5	DFT-s-OFDM QPSK	1@0	See graph	---



Test Graphs







Conducted Band Edge

Test Result

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Result	Verdict
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	See graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	See graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	25@0	See graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	25@0	See graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	1@24	See graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@24	See graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	25@0	See graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	25@0	See graph	PASS
66	15	25	344500	1722.5	DFT-s-OFDM BPSK	1@0	See graph	PASS
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	1@0	See graph	PASS
66	15	25	344500	1722.5	DFT-s-OFDM BPSK	128@0	See graph	PASS
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	128@0	See graph	PASS
66	15	25	353500	1767.5	DFT-s-OFDM BPSK	1@132	See graph	PASS
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@132	See graph	PASS
66	15	25	353500	1767.5	DFT-s-OFDM BPSK	128@0	See graph	PASS
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	128@0	See graph	PASS
66	15	45	346500	1732.5	DFT-s-OFDM BPSK	1@0	See graph	PASS
66	15	45	346500	1732.5	DFT-s-OFDM QPSK	1@0	See graph	PASS
66	15	45	346500	1732.5	DFT-s-OFDM BPSK	240@0	See graph	PASS
66	15	45	346500	1732.5	DFT-s-OFDM QPSK	240@0	See graph	PASS
66	15	45	351500	1757.5	DFT-s-OFDM BPSK	1@241	See graph	PASS
66	15	45	351500	1757.5	DFT-s-OFDM QPSK	1@241	See graph	PASS
66	15	45	351500	1757.5	DFT-s-OFDM BPSK	240@0	See graph	PASS
66	15	45	351500	1757.5	DFT-s-OFDM QPSK	240@0	See graph	PASS



Test Graphs

