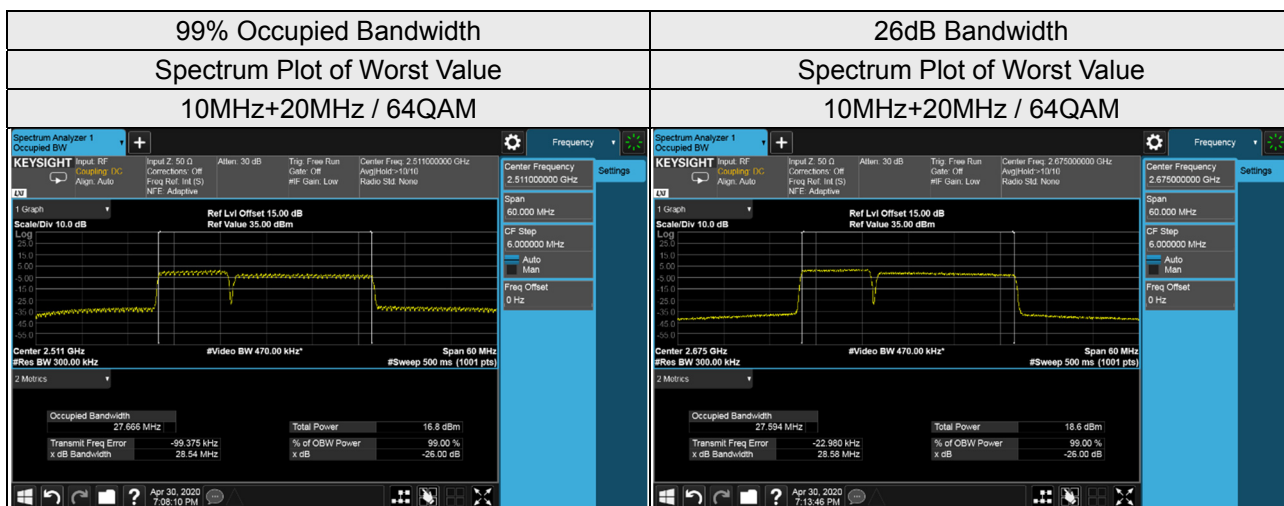


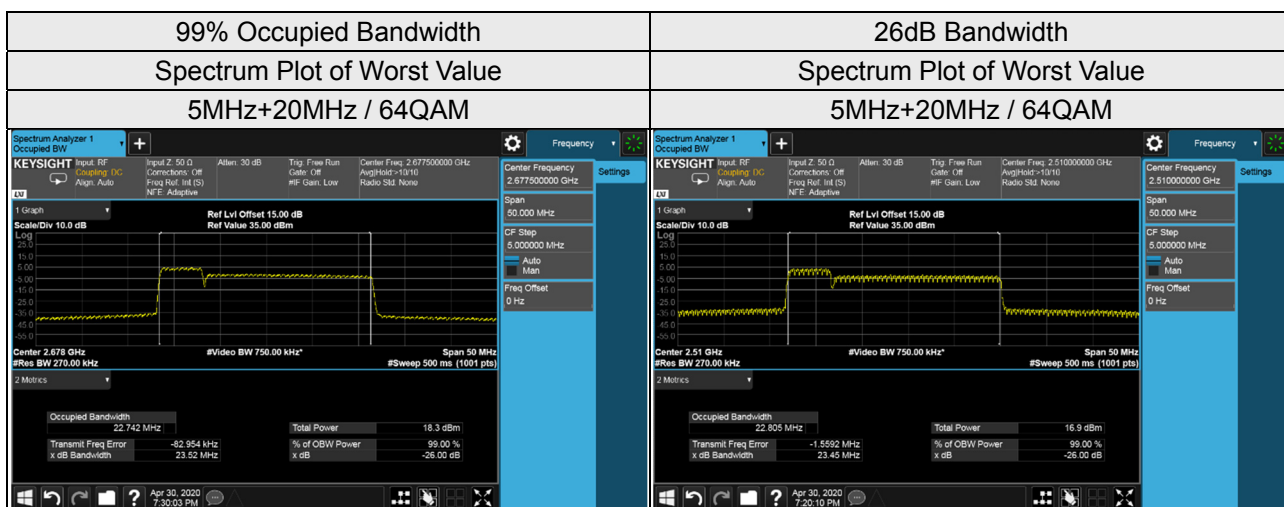
LTE Band 41 (CA 41C), Channel Bandwidth 10MHz+20MHz

Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)
		64QAM_Full RB	64QAM_Full RB
39705+39849	2501.5+2515.9	27.666	28.54
40526+40670	2583.6+2598.0	27.615	28.54
41346+41490	2665.6+2680.0	27.594	28.58



LTE Band 41 (CA 41C), Channel Bandwidth 5MHz+20MHz

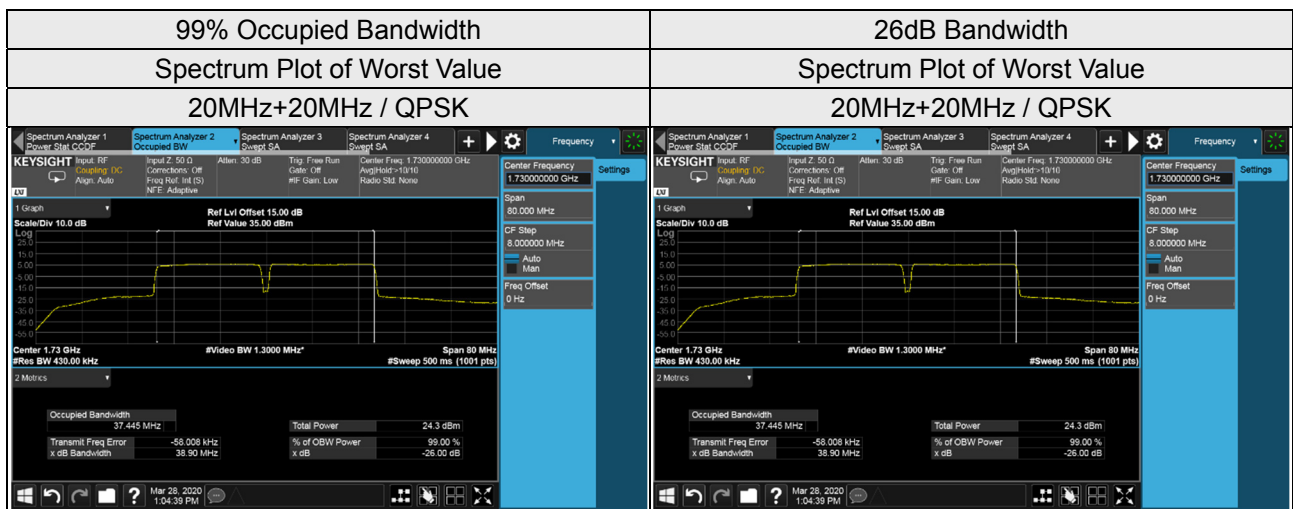
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)
		64QAM_Full RB	64QAM_Full RB
39683+39800	2499.3+2511.0	22.805	23.45
40528+40645	2583.8+2595.5	22.740	23.52
41373+41490	2668.3+2680.0	22.742	23.52



LTE Band 66 (CA 66C)

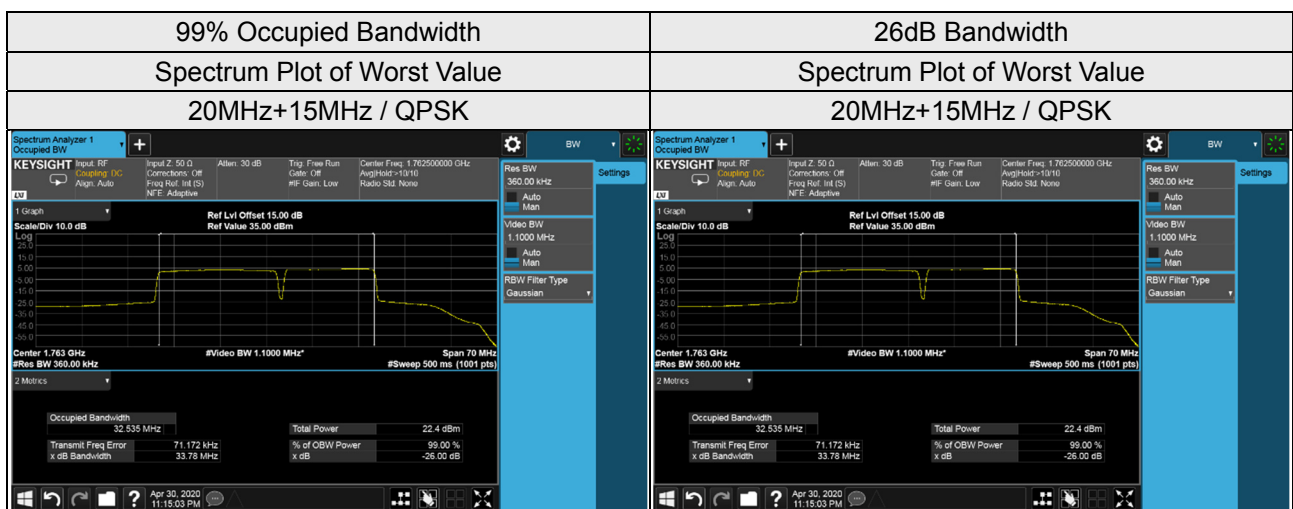
LTE Band 66 (CA 66C), Channel Bandwidth 20MHz+20MHz

Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)
		QPSK_Full RB	QPSK_Full RB
132072+132270	1720.0+1739.8	37.445	38.90
132323+132521	1745.1+1764.9	37.397	38.82
132374+132572	1750.2+1770.0	37.407	38.85



LTE Band 66 (CA 66C), Channel Bandwidth 20MHz+15MHz

Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)
		QPSK_Full RB	QPSK_Full RB
132072+132243	1720.0+1737.1	32.524	33.74
132348+132519	1747.6+1764.7	32.494	33.72
132423+132594	1755.1+1772.2	32.535	33.78



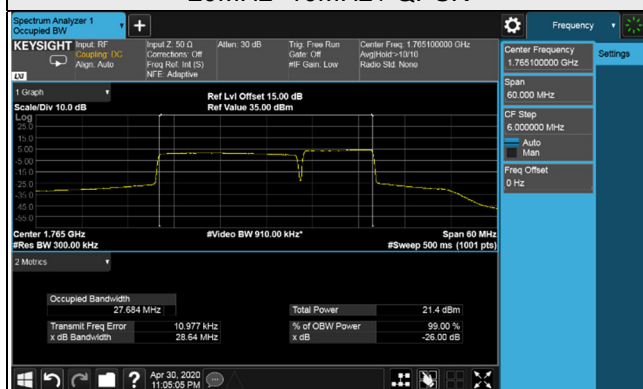
LTE Band 66 (CA 66C), Channel Bandwidth 20MHz+10MHz

Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)
		QPSK_Full RB	QPSK_Full RB
132072+132216	1720.0+1734.4	27.595	28.59
132373+132517	1750.1+1764.5	27.594	28.59
132473+132617	1760.1+1774.5	27.684	28.64

99% Occupied Bandwidth

Spectrum Plot of Worst Value

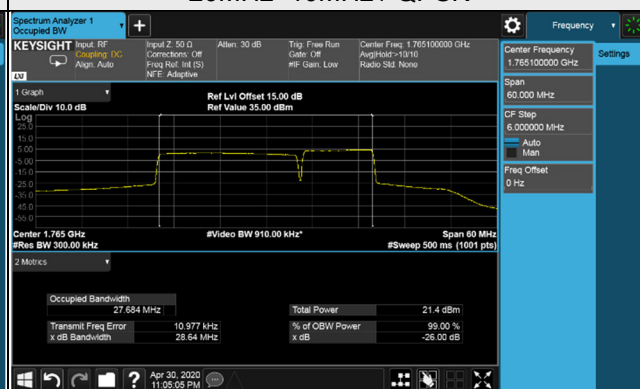
20MHz+10MHz / QPSK



26dB Bandwidth

Spectrum Plot of Worst Value

20MHz+10MHz / QPSK



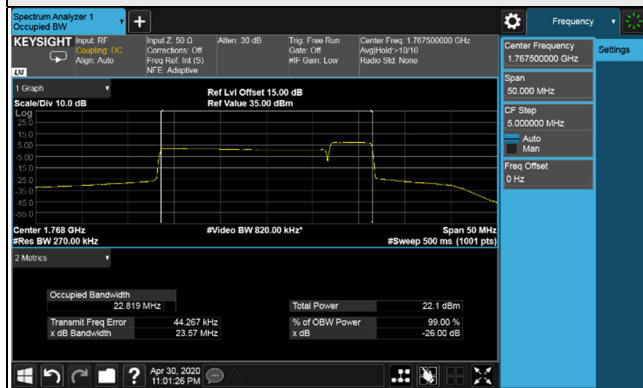
LTE Band 66 (CA 66C), Channel Bandwidth 20MHz+5MHz

Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)
		QPSK_Full RB	QPSK_Full RB
132072+132189	1720.0+1731.7	22.714	23.53
132397+132514	1752.5+1764.2	22.715	23.54
132522+132639	1765.0+1776.7	22.819	23.57

99% Occupied Bandwidth

Spectrum Plot of Worst Value

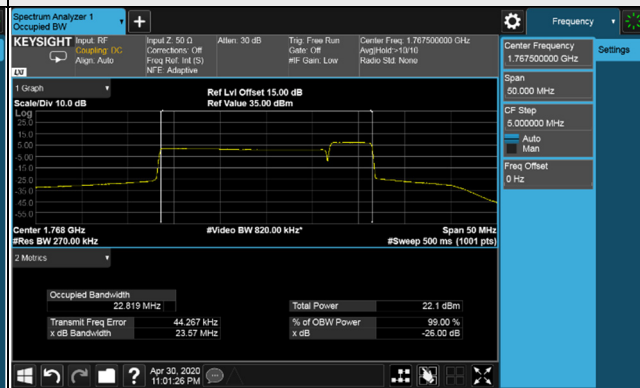
20MHz+5MHz / QPSK



26dB Bandwidth

Spectrum Plot of Worst Value

20MHz+5MHz / QPSK



LTE Band 66 (CA 66C), Channel Bandwidth 5MHz+20MHz

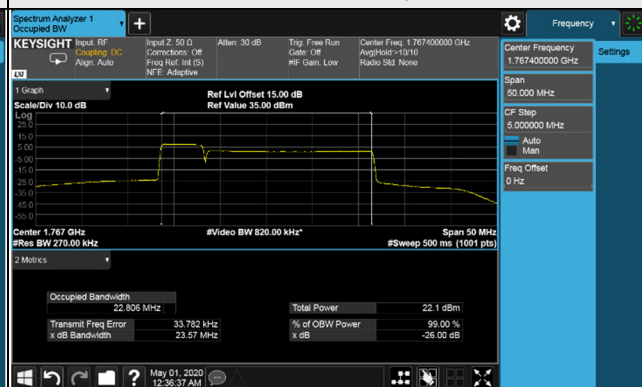
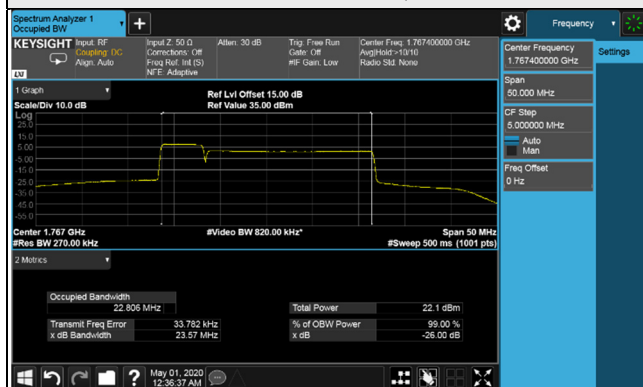
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)
		QPSK_Full RB	QPSK_Full RB
132005+132122	1713.3+1725.0	22.713	23.54
132330+132447	1745.8+1757.5	22.741	23.57
132455+132572	1758.3+1770.0	22.806	23.57

99% Occupied Bandwidth
Spectrum Plot of Worst Value

26dB Bandwidth
Spectrum Plot of Worst Value

5MHz+20MHz / QPSK

5MHz+20MHz / QPSK



LTE Band 66 (CA 66C), Channel Bandwidth 10MHz+20MHz

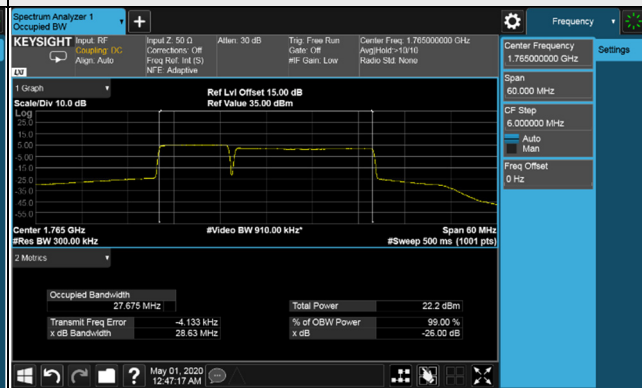
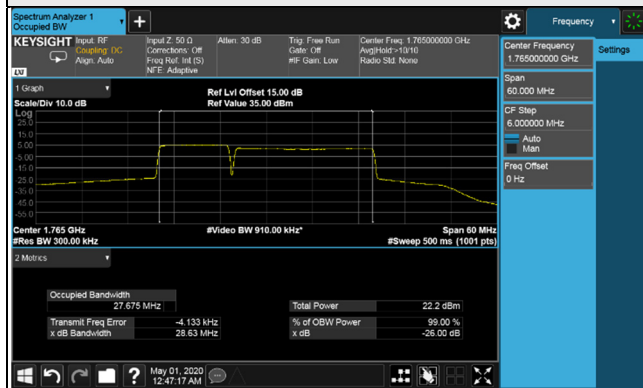
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)
		QPSK_Full RB	QPSK_Full RB
132027+132171	1715.5+1729.9	27.593	28.58
132328+132472	1745.6+1760.0	27.602	28.61
132428+132572	1755.6+1770.0	27.675	28.63

99% Occupied Bandwidth
Spectrum Plot of Worst Value

26dB Bandwidth
Spectrum Plot of Worst Value

10MHz+20MHz / QPSK

10MHz+20MHz / QPSK



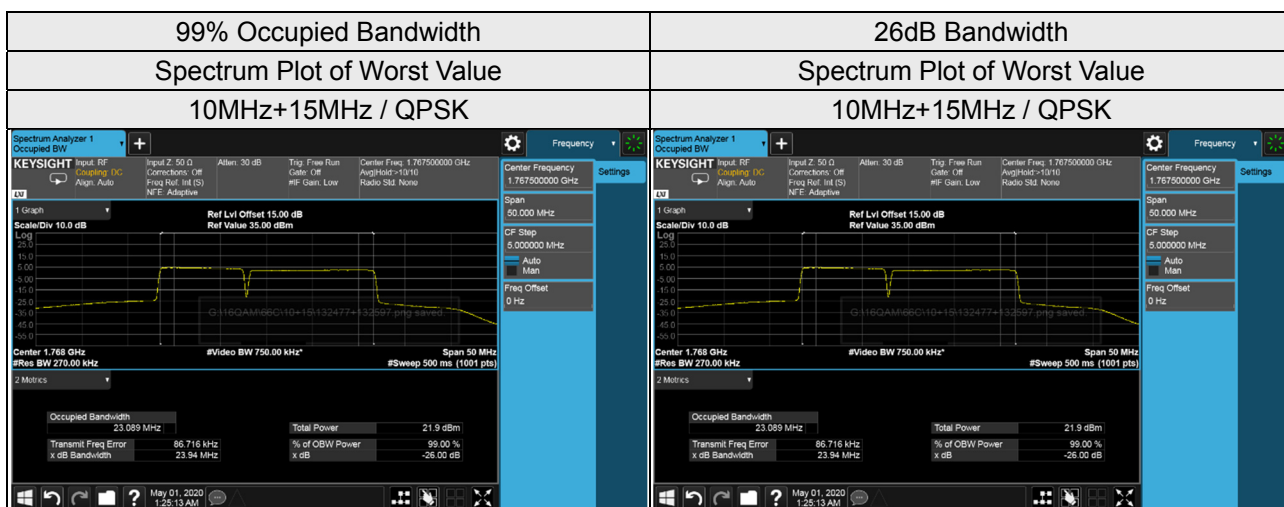
LTE Band 66 (CA 66C), Channel Bandwidth 15MHz+20MHz

Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)
		QPSK_Full RB	QPSK_Full RB
132050+132221	1717.8+1734.9	32.513	33.73
132325+132496	1745.3+1762.4	32.495	33.72
132401+132572	1752.9+1770.0	32.543	33.77



LTE Band 66 (CA 66C), Channel Bandwidth 10MHz+15MHz

Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)
		QPSK_Full RB	QPSK_Full RB
132025+132145	1715.3+1727.3	22.996	23.89
132351+132471	1747.9+1759.9	23.008	23.92
132477+132597	1760.5+1772.5	23.089	23.94



LTE Band 66 (CA 66C), Channel Bandwidth 15MHz+15MHz

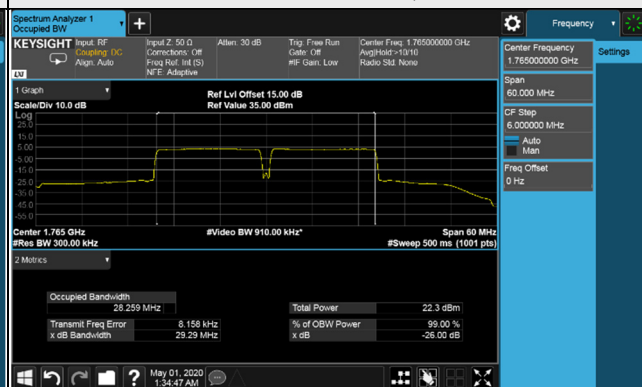
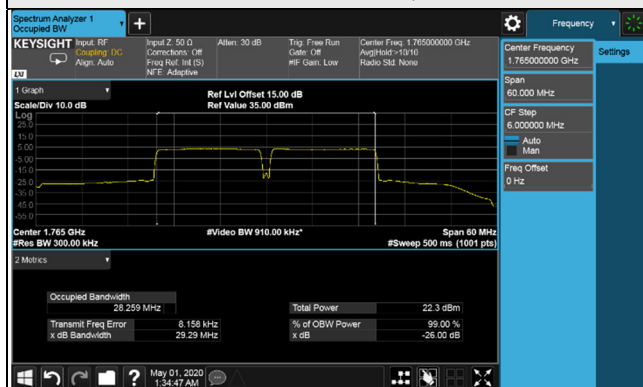
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)
		QPSK_Full RB	QPSK_Full RB
132047+132197	1717.5+1732.5	28.181	29.23
132347+132497	1747.5+1762.5	28.192	29.22
132447+132597	1757.5+1772.5	28.259	29.29

99% Occupied Bandwidth
Spectrum Plot of Worst Value

26dB Bandwidth
Spectrum Plot of Worst Value

15MHz+15MHz / QPSK

15MHz+15MHz / QPSK



LTE Band 66 (CA 66C), Channel Bandwidth 15MHz+10MHz

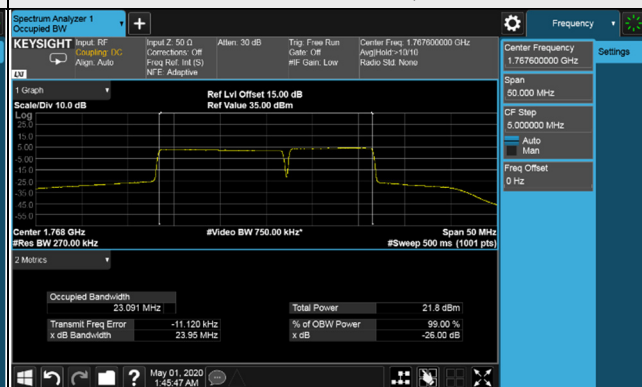
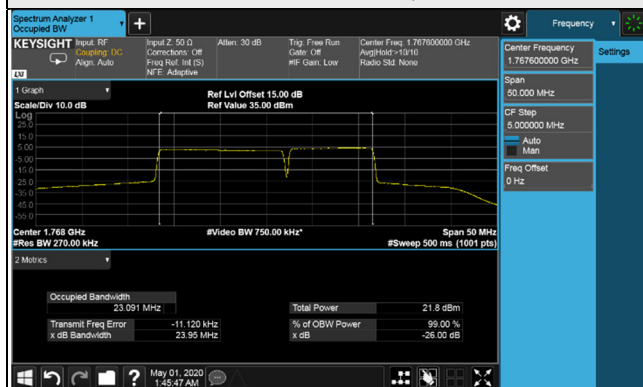
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)
		QPSK_Full RB	QPSK_Full RB
132047+132167	1715.3+1729.5	22.904	23.88
132373+132493	1750.1+1762.1	22.992	23.89
132499+132619	1762.7+1774.7	23.091	23.95

99% Occupied Bandwidth
Spectrum Plot of Worst Value

26dB Bandwidth
Spectrum Plot of Worst Value

15MHz+10MHz / QPSK

15MHz+10MHz / QPSK



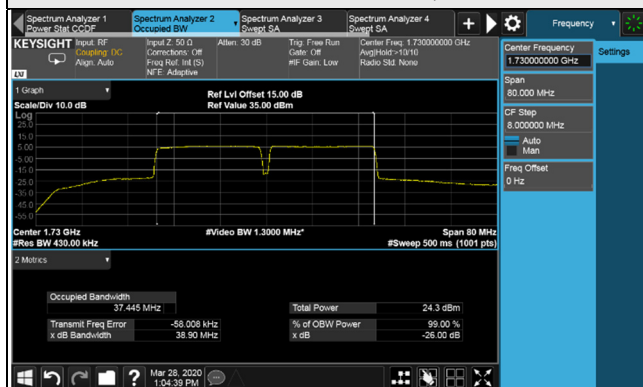
LTE Band 66 (CA 66C), Channel Bandwidth 20MHz+20MHz

Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)
		16QAM_Full RB	16QAM_Full RB
132072+132270	1720.0+1739.8	37.445	38.90
132323+132521	1745.1+1764.9	37.397	38.82
132374+132572	1750.2+1770.0	37.407	38.85

99% Occupied Bandwidth

Spectrum Plot of Worst Value

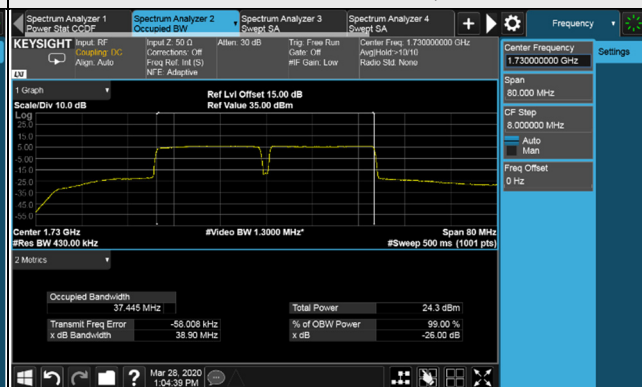
20MHz+20MHz / 16QAM



26dB Bandwidth

Spectrum Plot of Worst Value

20MHz+20MHz / 16QAM



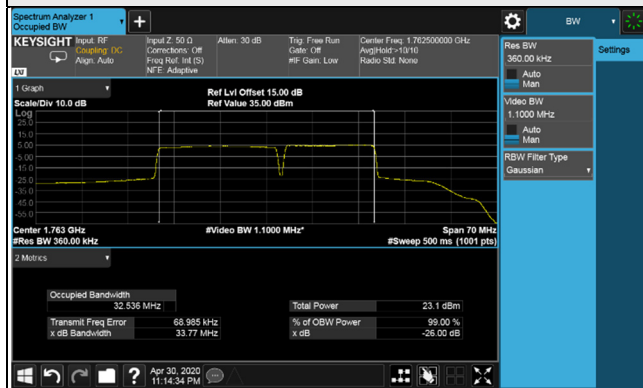
LTE Band 66 (CA 66C), Channel Bandwidth 20MHz+15MHz

Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)
		16QAM_Full RB	16QAM_Full RB
132072+132243	1720.0+1737.1	32.522	33.73
132348+132519	1747.6+1764.7	32.488	33.70
132423+132594	1755.1+1772.2	32.536	33.77

99% Occupied Bandwidth

Spectrum Plot of Worst Value

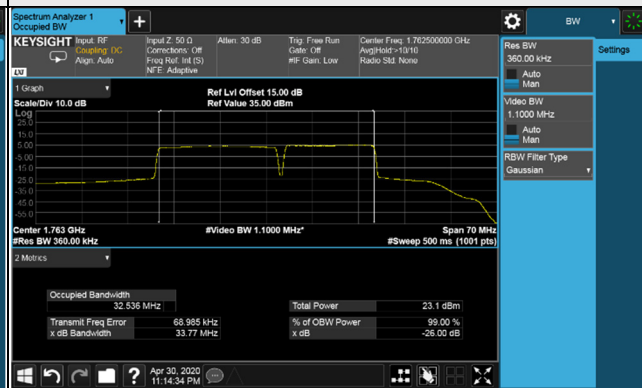
20MHz+15MHz / 16QAM



26dB Bandwidth

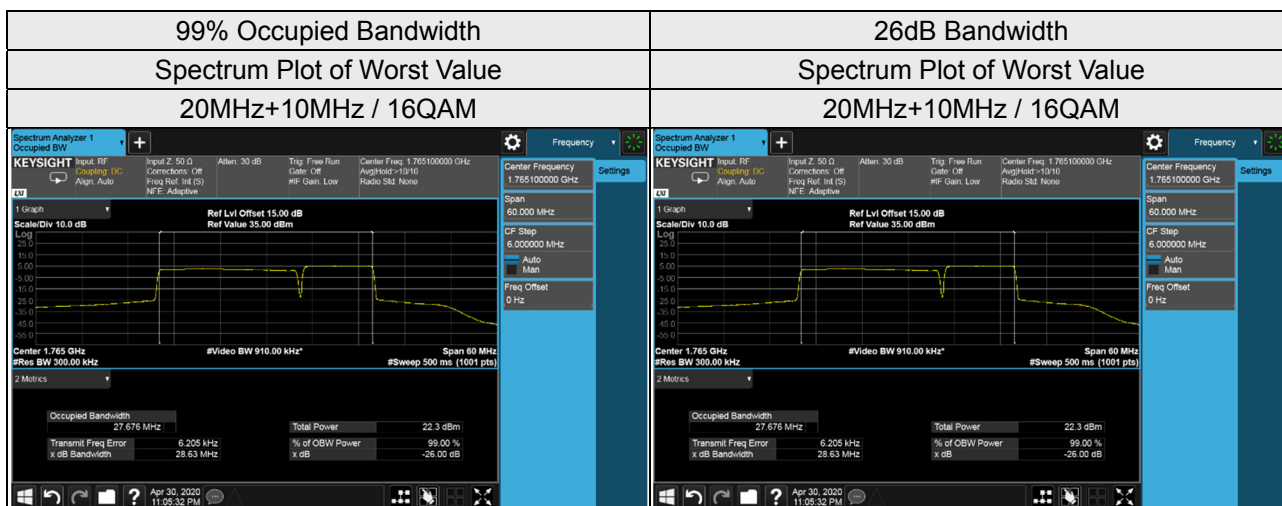
Spectrum Plot of Worst Value

20MHz+15MHz / 16QAM



LTE Band 66 (CA 66C), Channel Bandwidth 20MHz+10MHz

Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)
		16QAM_Full RB	16QAM_Full RB
132072+132216	1720.0+1734.4	27.596	28.59
132373+132517	1750.1+1764.5	27.596	28.59
132473+132617	1760.1+1774.5	27.676	28.63



LTE Band 66 (CA 66C), Channel Bandwidth 20MHz+5MHz

Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)
		16QAM_Full RB	16QAM_Full RB
132072+132189	1720.0+1731.7	22.721	23.53
132397+132514	1752.5+1764.2	22.731	23.54
132522+132639	1765.0+1776.7	22.819	23.57



LTE Band 66 (CA 66C), Channel Bandwidth 5MHz+20MHz

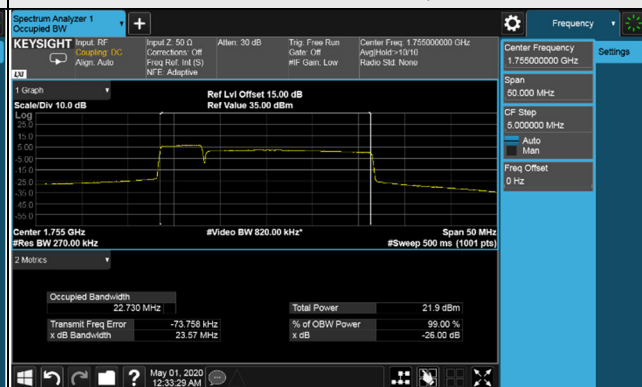
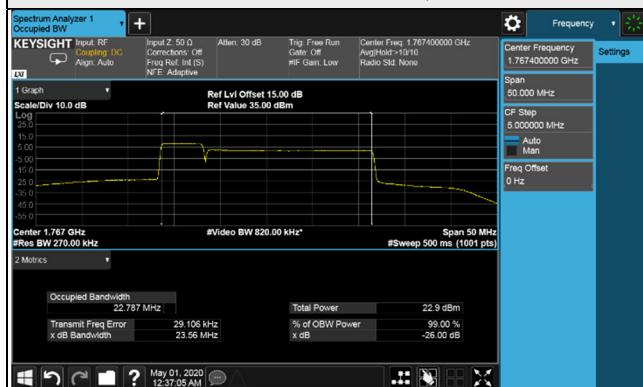
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)
		16QAM_Full RB	16QAM_Full RB
132005+132122	1713.3+1725.0	22.703	23.53
132330+132447	1745.8+1757.5	22.730	23.57
132455+132572	1758.3+1770.0	22.787	23.56

99% Occupied Bandwidth
Spectrum Plot of Worst Value

26dB Bandwidth
Spectrum Plot of Worst Value

5MHz+20MHz / 16QAM

5MHz+20MHz / 16QAM



LTE Band 66 (CA 66C), Channel Bandwidth 10MHz+20MHz

Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)
		16QAM_Full RB	16QAM_Full RB
132027+132171	1715.5+1729.9	27.586	28.58
132328+132472	1745.6+1760.0	27.594	28.61
132428+132572	1755.6+1770.0	27.660	28.63

99% Occupied Bandwidth
Spectrum Plot of Worst Value

26dB Bandwidth
Spectrum Plot of Worst Value

10MHz+20MHz / 16QAM

10MHz+20MHz / 16QAM

