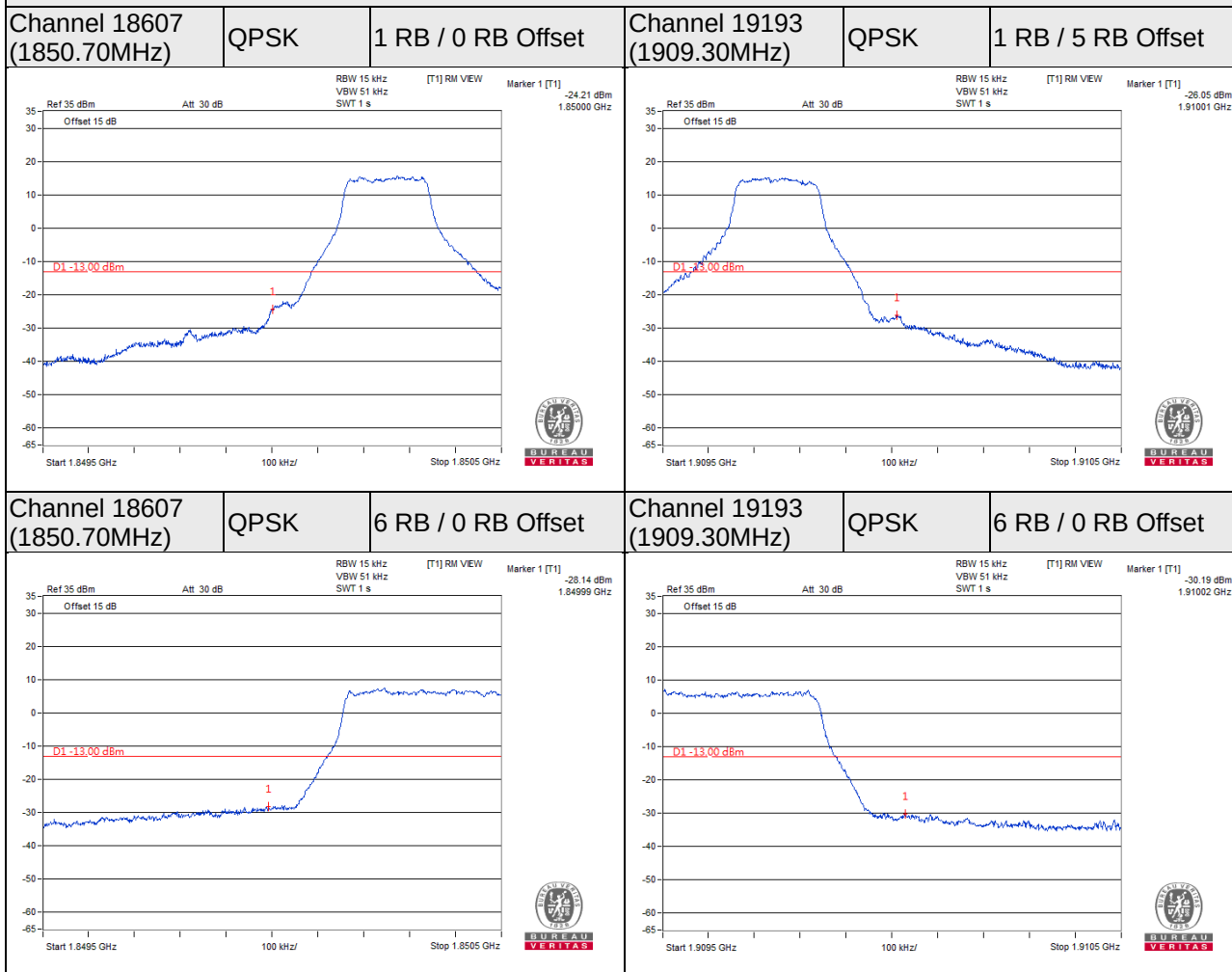


LTE Band 2

Channel Bandwidth 1.4MHz



Channel Bandwidth 3MHz

Channel 18615
(1851.50MHz)

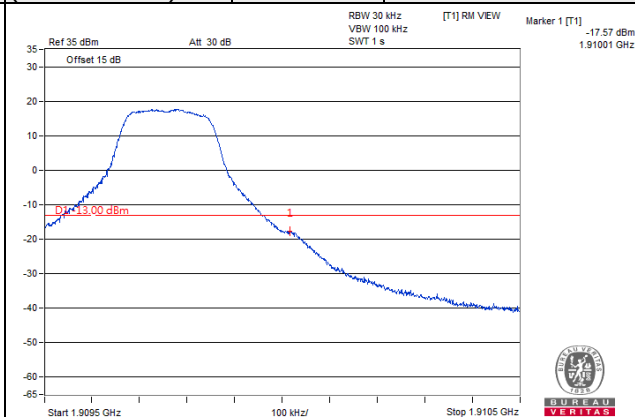
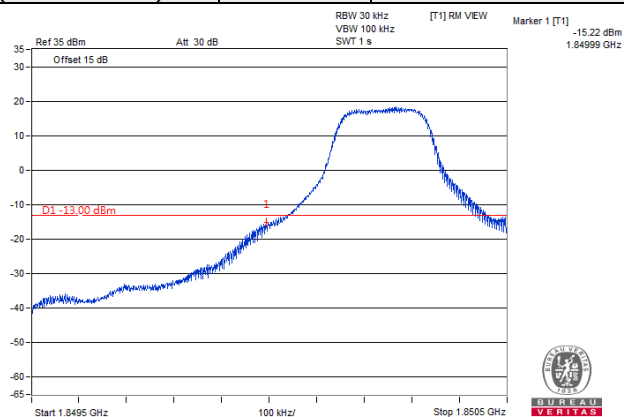
QPSK

1 RB / 0 RB Offset

Channel 19185
(1908.50MHz)

QPSK

1 RB / 14 RB Offset



Channel 18615
(1851.50MHz)

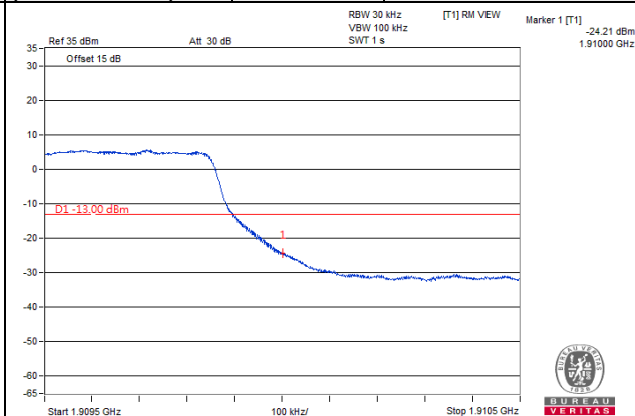
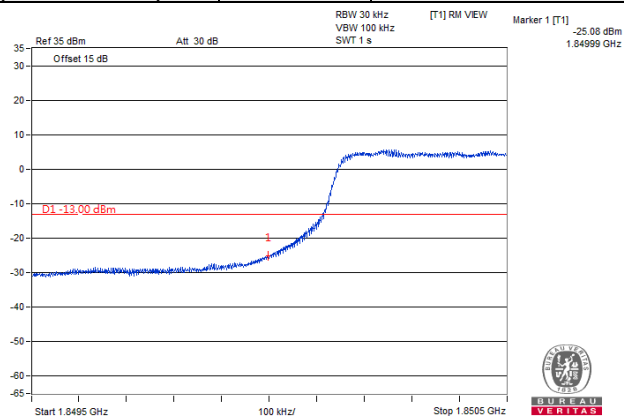
QPSK

15 RB / 0 RB Offset

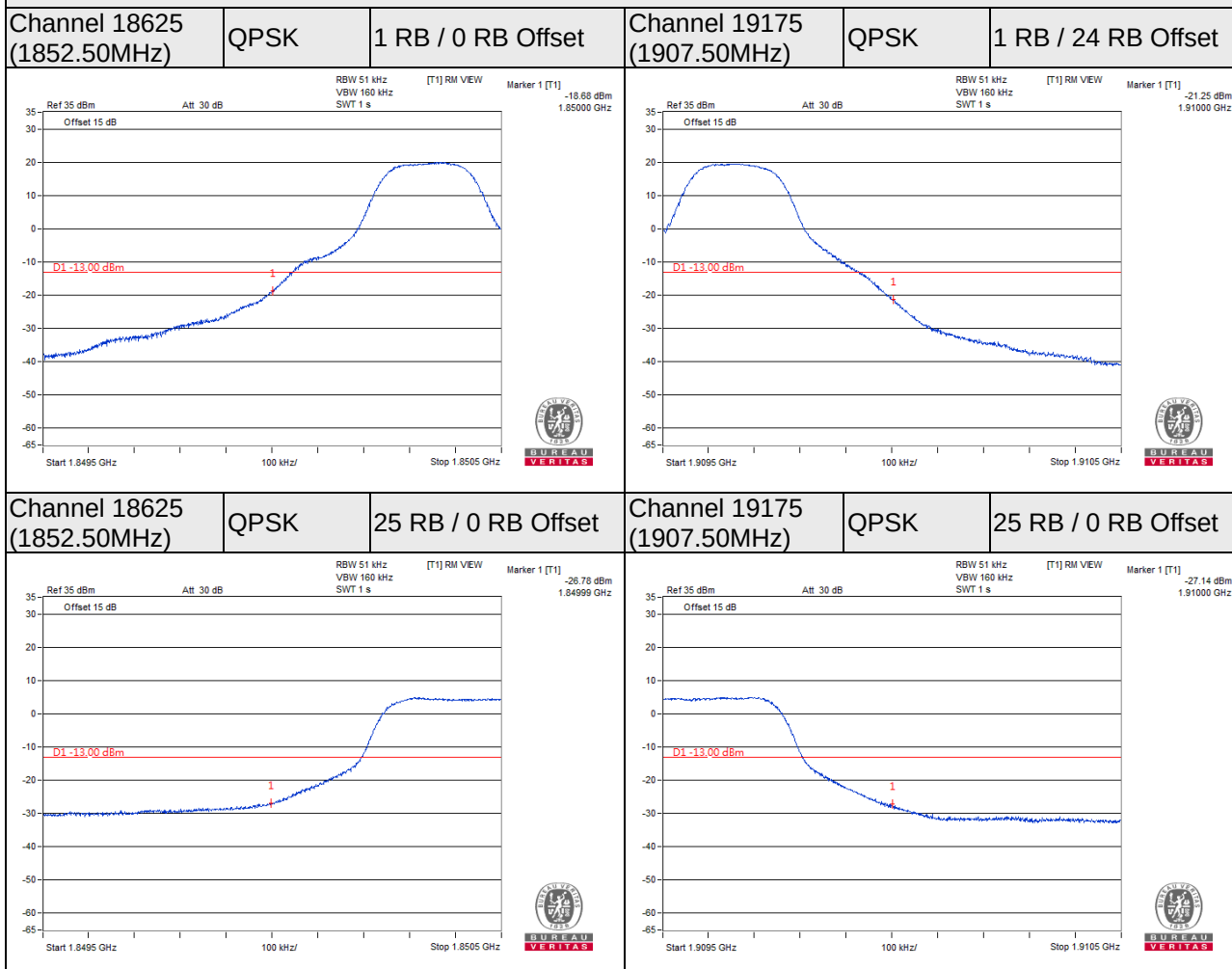
Channel 19185
(1908.50MHz)

QPSK

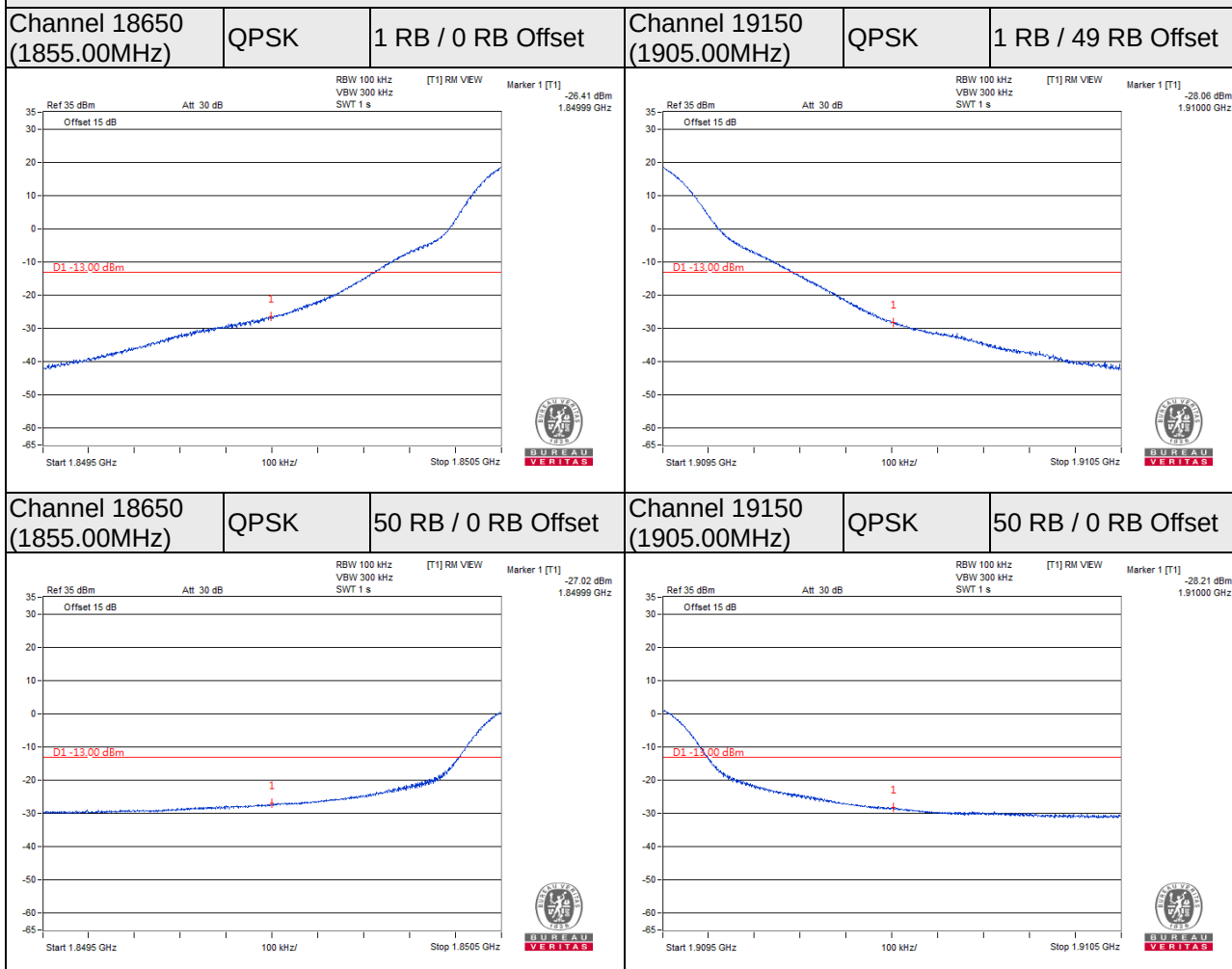
15 RB / 0 RB Offset



Channel Bandwidth 5MHz

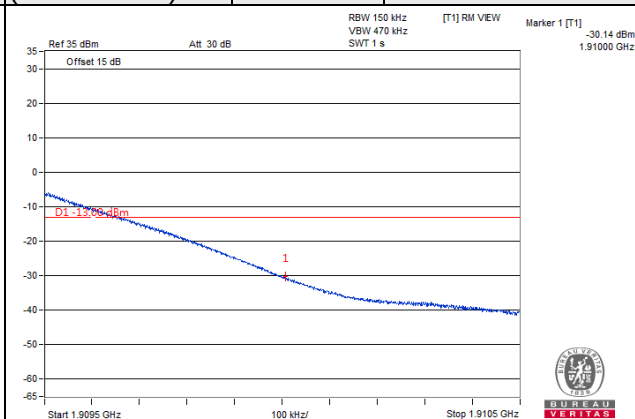
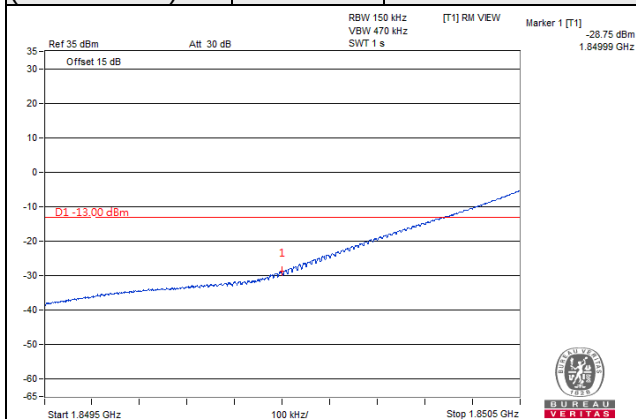


Channel Bandwidth 10MHz

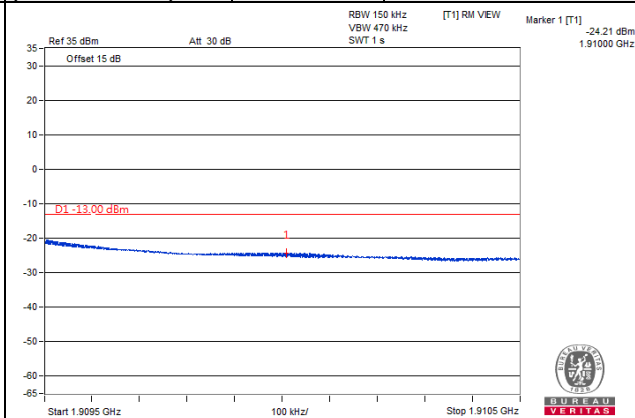
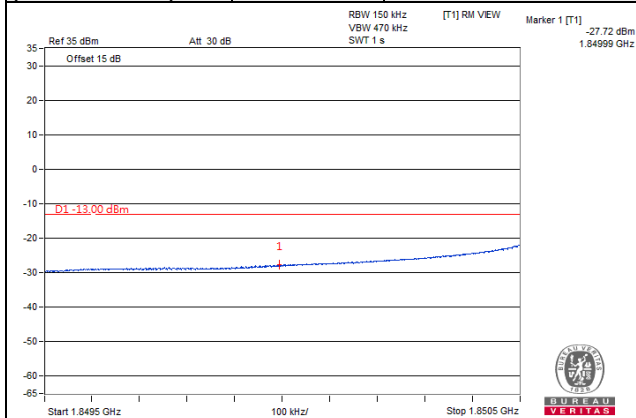


Channel Bandwidth 15MHz

Channel 18675 (1857.50MHz)	QPSK	1 RB / 0 RB Offset	Channel 19125 (1902.50MHz)	QPSK	1 RB / 74 RB Offset
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Channel 18675 (1857.50MHz)	QPSK	75 RB / 0 RB Offset	Channel 19125 (1902.50MHz)	QPSK	75 RB / 0 RB Offset
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Channel Bandwidth 20MHz

Channel 18700
(1860.00MHz)

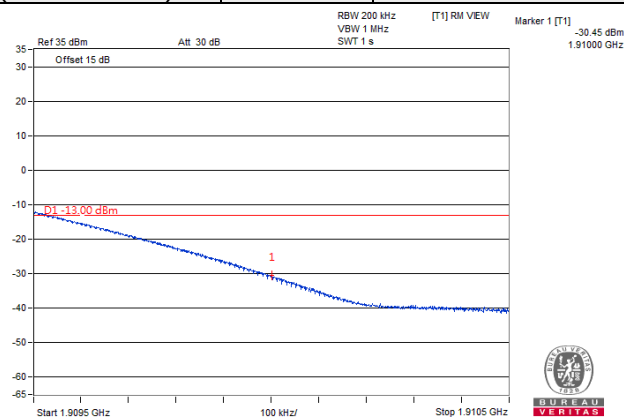
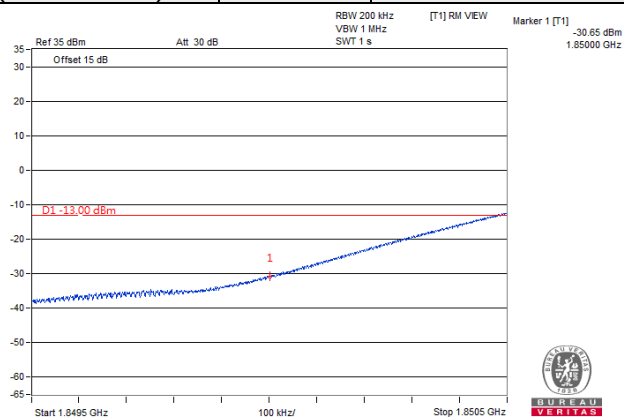
QPSK

1 RB / 0 RB Offset

Channel 19100
(1900.00 MHz)

QPSK

1 RB / 99 RB Offset



Channel 18700
(1860.00MHz)

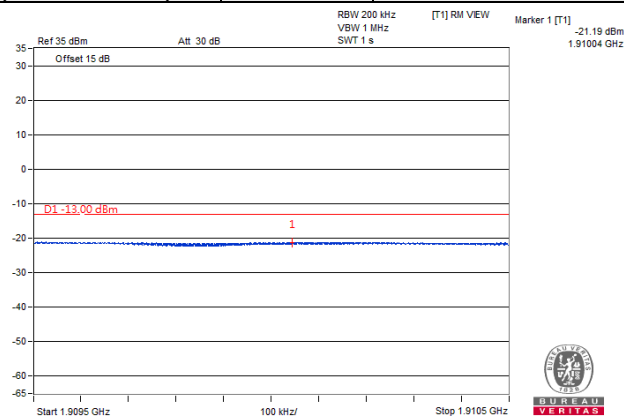
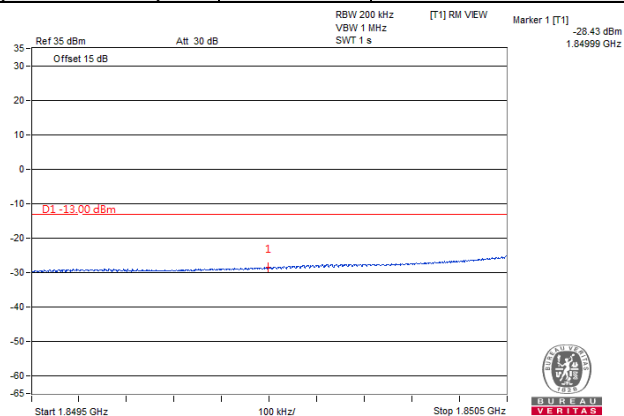
QPSK

100 RB / 0 RB Offset

Channel 19100
(1900.00 MHz)

QPSK

100 RB / 0 RB Offset



LTE Band 25

Channel Bandwidth 1.4MHz

Channel 26047
(1850.7MHz)

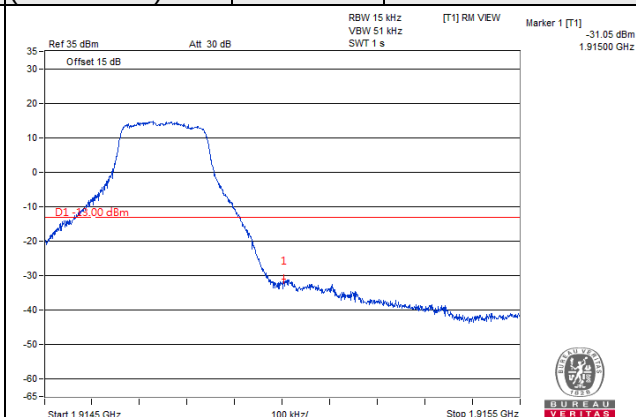
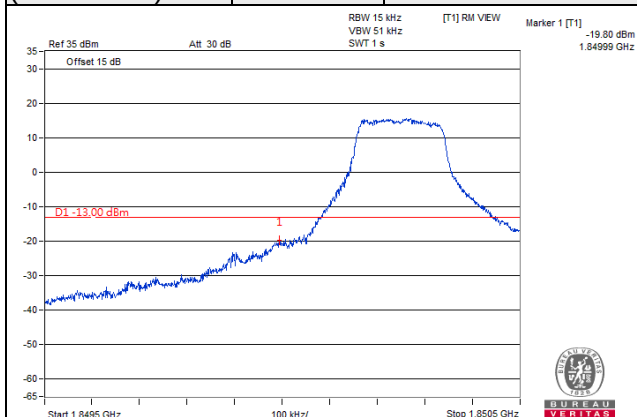
QPSK

1 RB / 0 RB Offset

Channel 26683
(1914.3MHz)

QPSK

1 RB / 5 RB Offset



Channel 26047
(1850.7MHz)

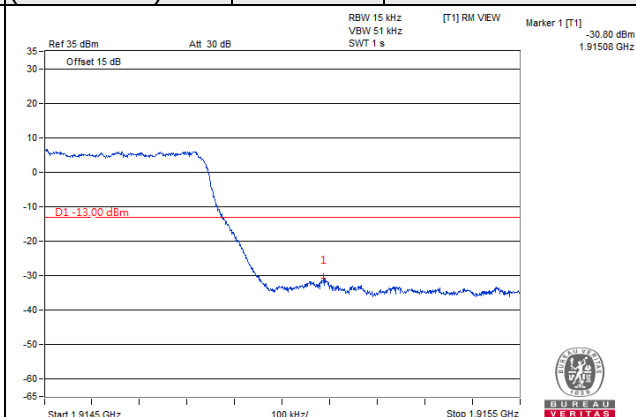
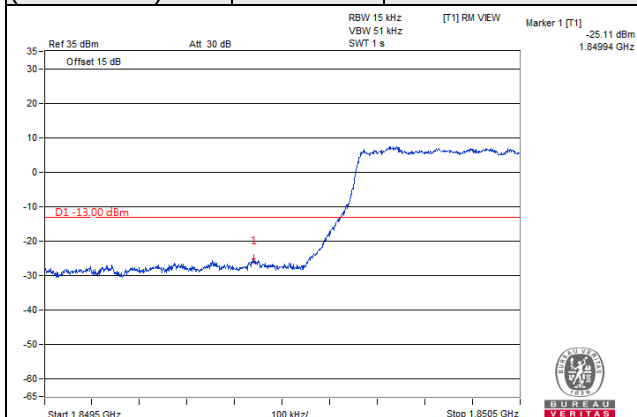
QPSK

6 RB / 0 RB Offset

Channel 26683
(1914.3MHz)

QPSK

6 RB / 0 RB Offset



Channel Bandwidth 3MHz

Channel 26055
(1851.5MHz)

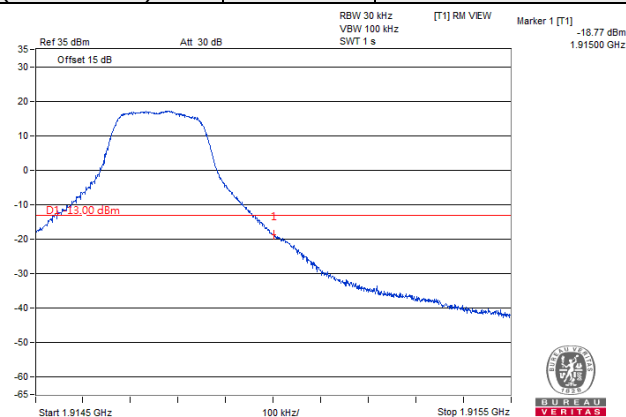
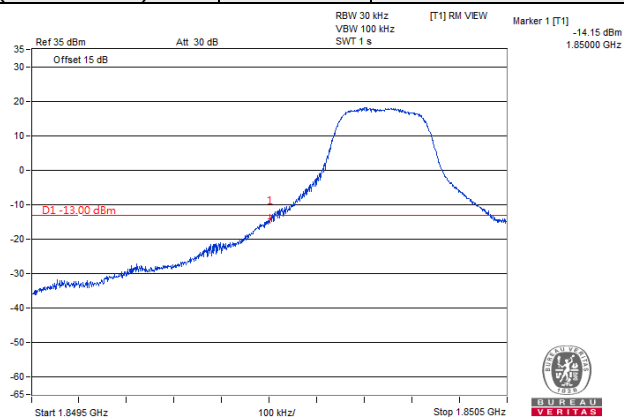
QPSK

1 RB / 0 RB Offset

Channel 26675
(1913.5MHz)

QPSK

1 RB / 14 RB Offset



Channel 26055
(1851.5MHz)

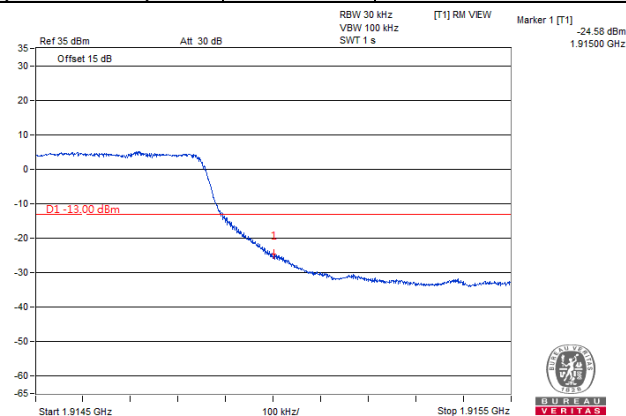
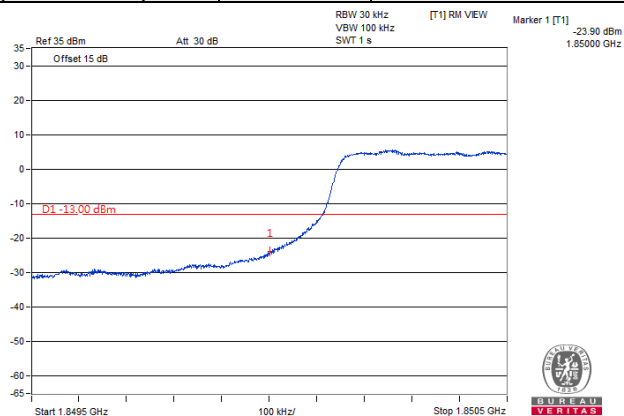
QPSK

15 RB / 0 RB Offset

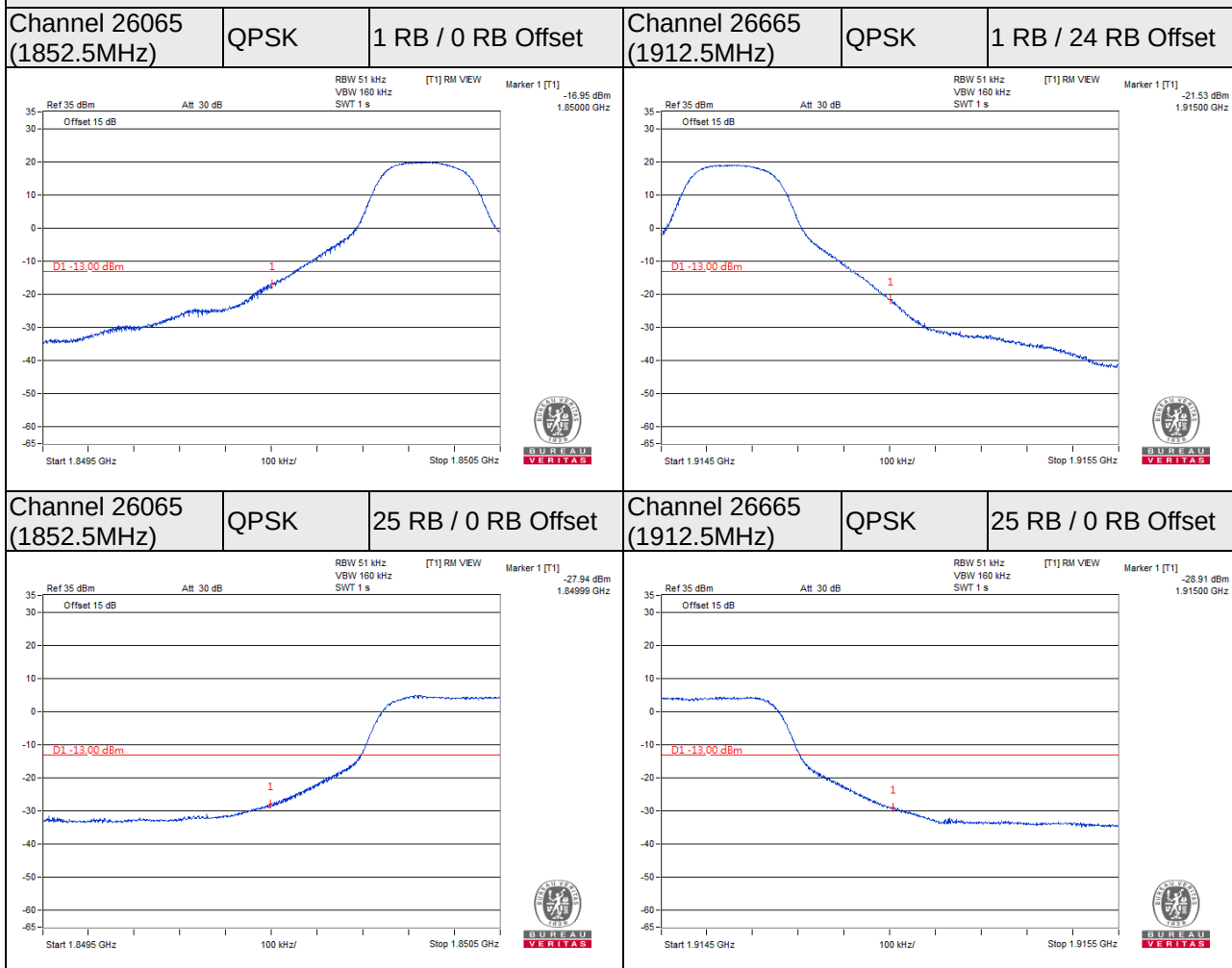
Channel 26675
(1913.5MHz)

QPSK

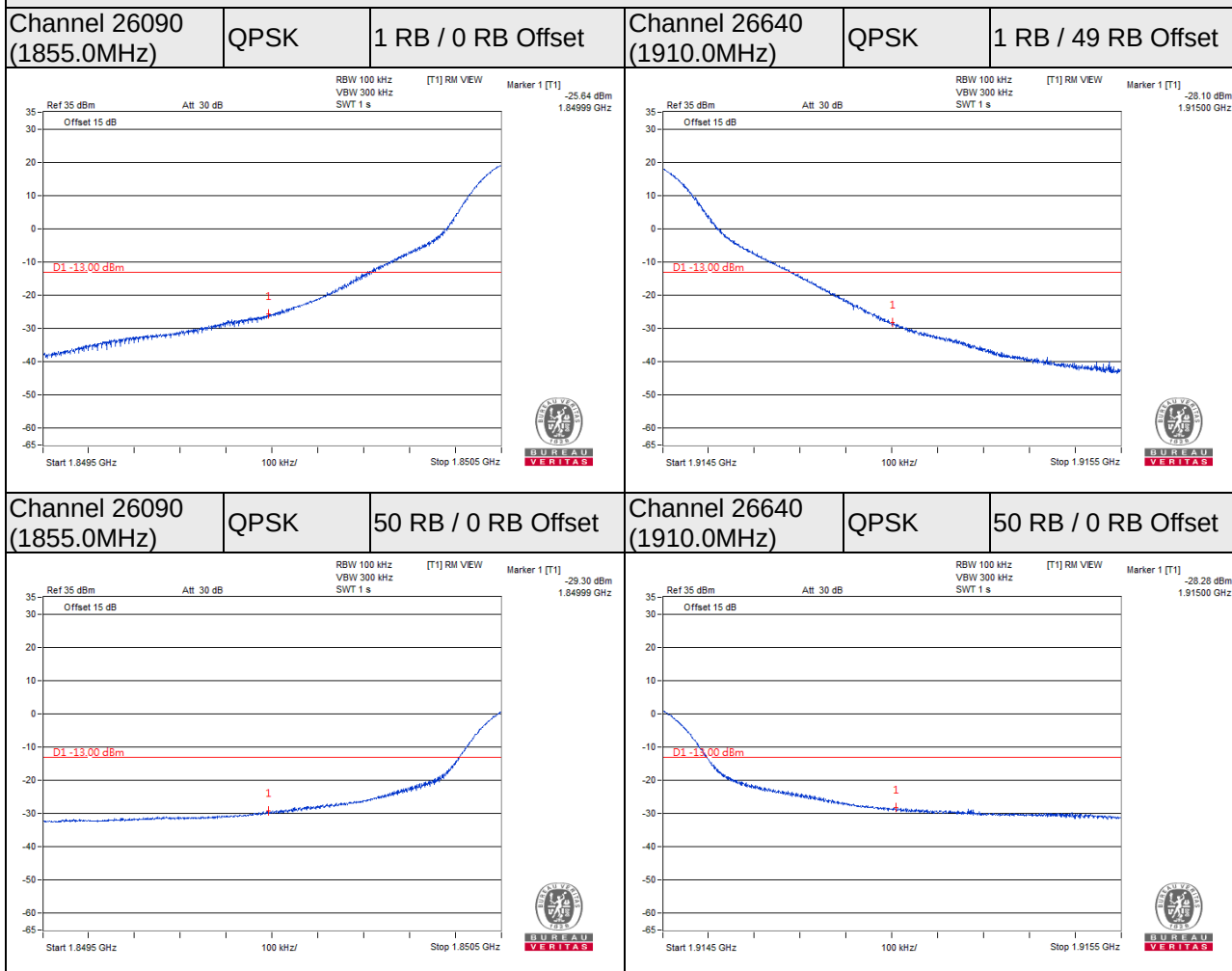
15 RB / 0 RB Offset



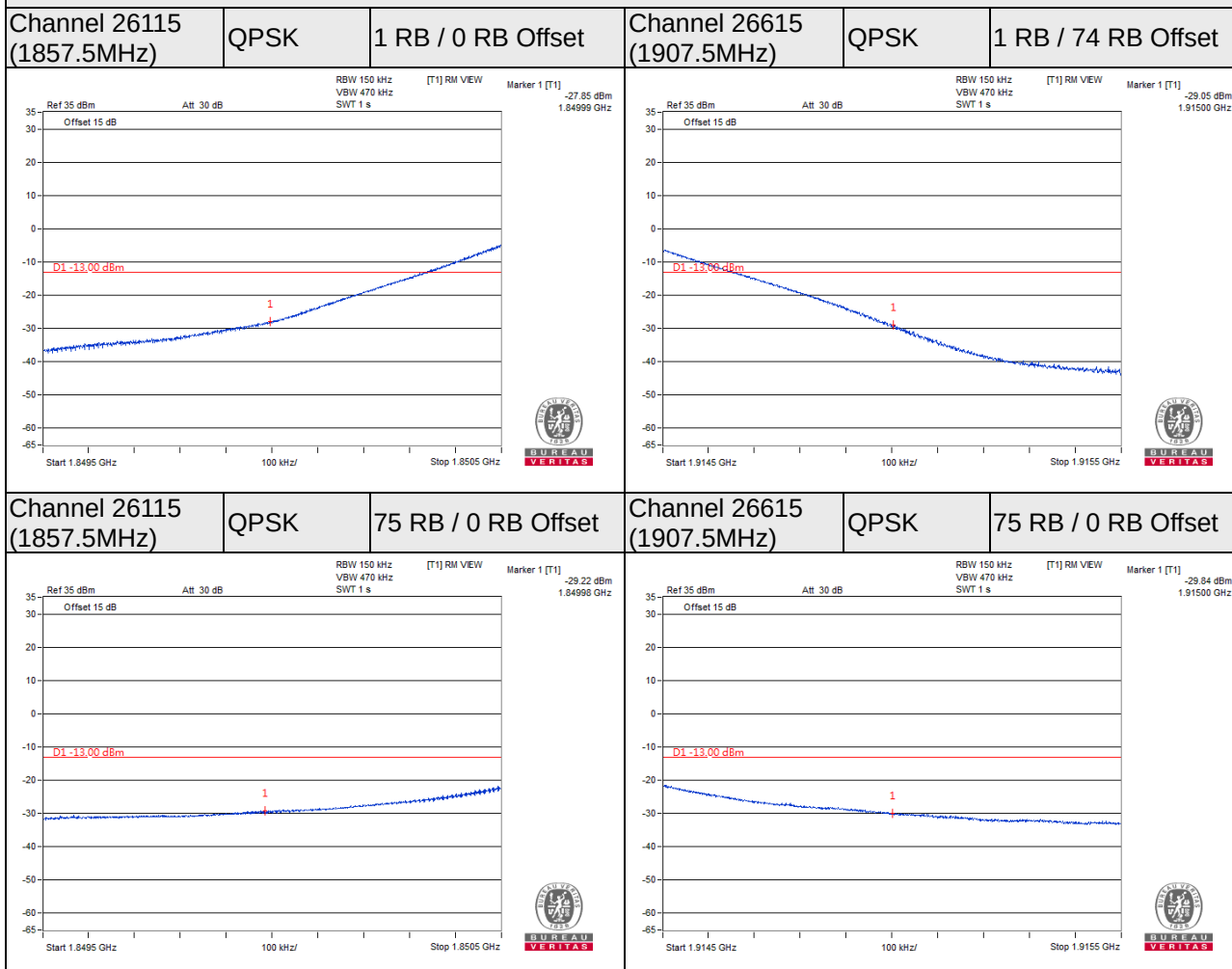
Channel Bandwidth 5MHz



Channel Bandwidth 10MHz

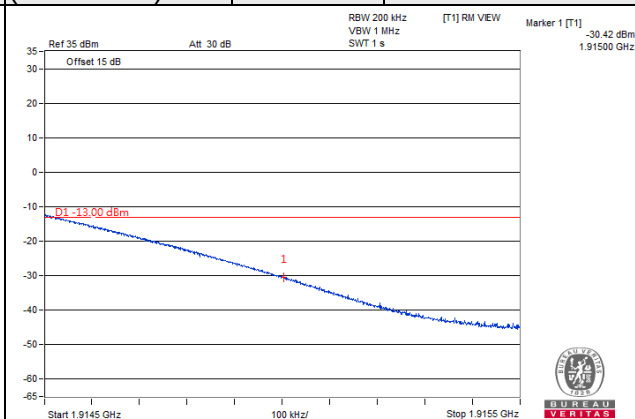
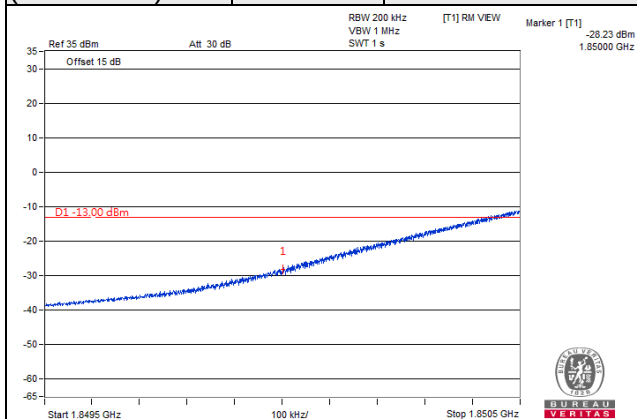


Channel Bandwidth 15MHz

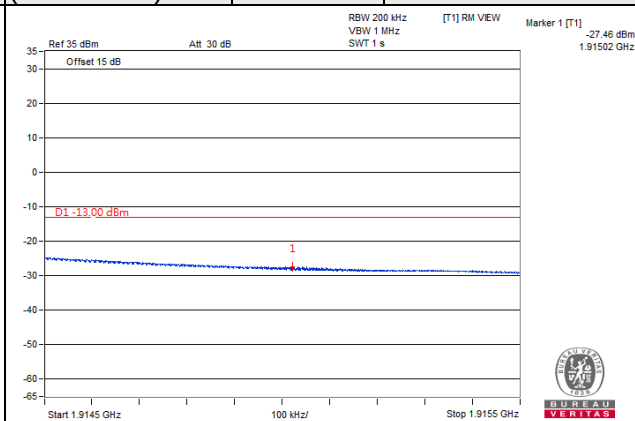
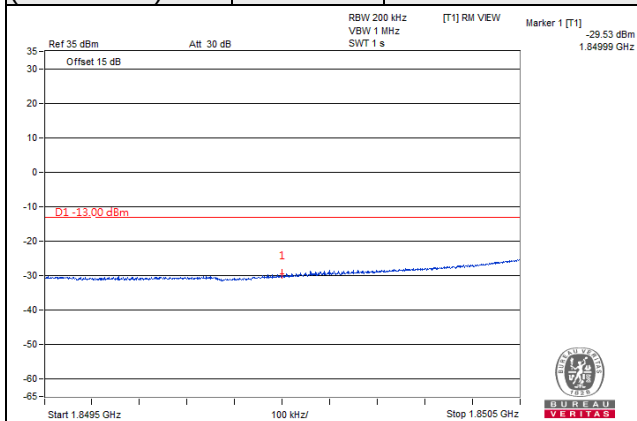


Channel Bandwidth 20MHz

Channel 26140 (1860.0MHz)	QPSK	1 RB / 0 RB Offset	Channel 26590 (1905.0MHz)	QPSK	1 RB / 99 RB Offset
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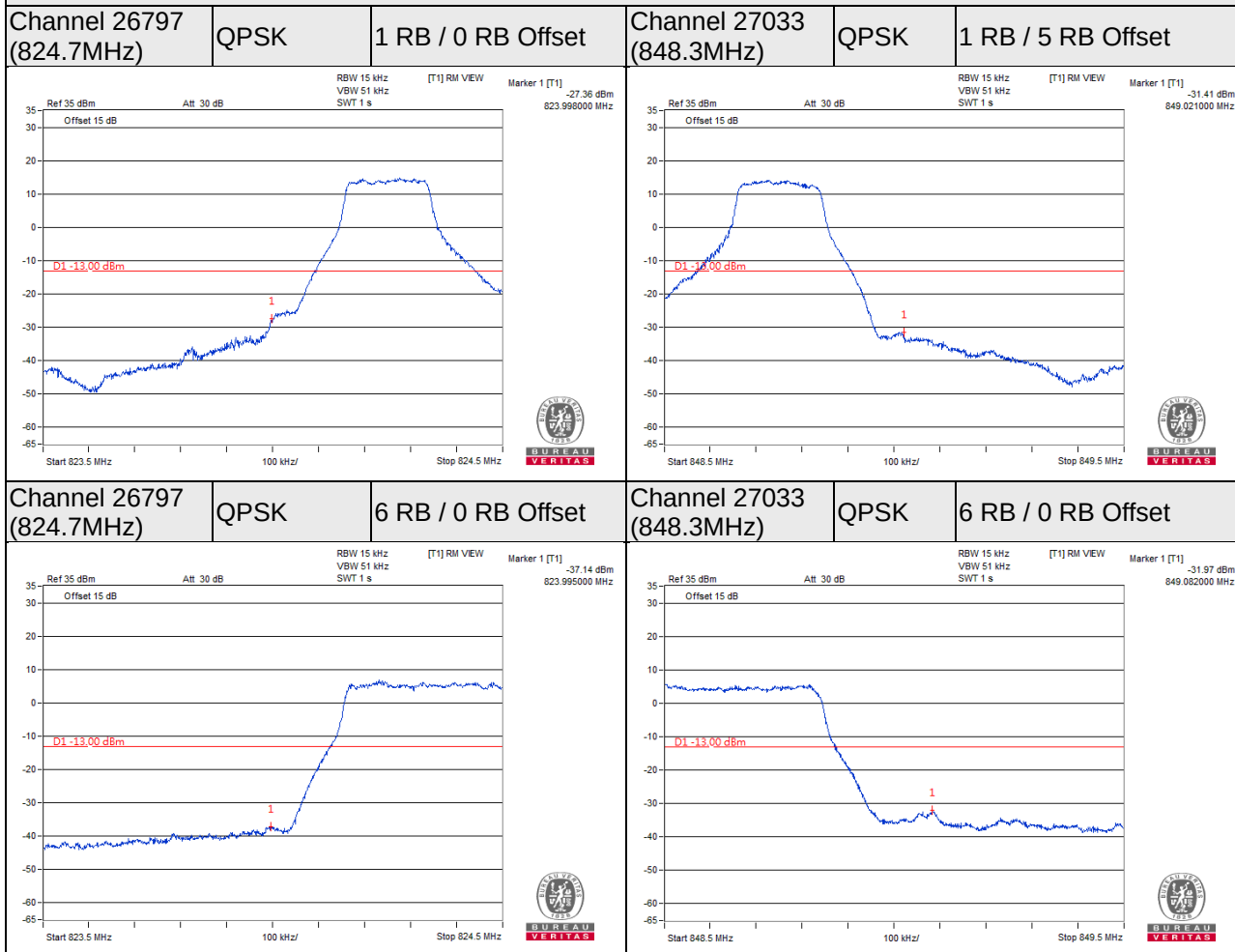


Channel 26140 (1860.0MHz)	QPSK	100 RB / 0 RB Offset	Channel 26590 (1905.0MHz)	QPSK	100 RB / 0 RB Offset
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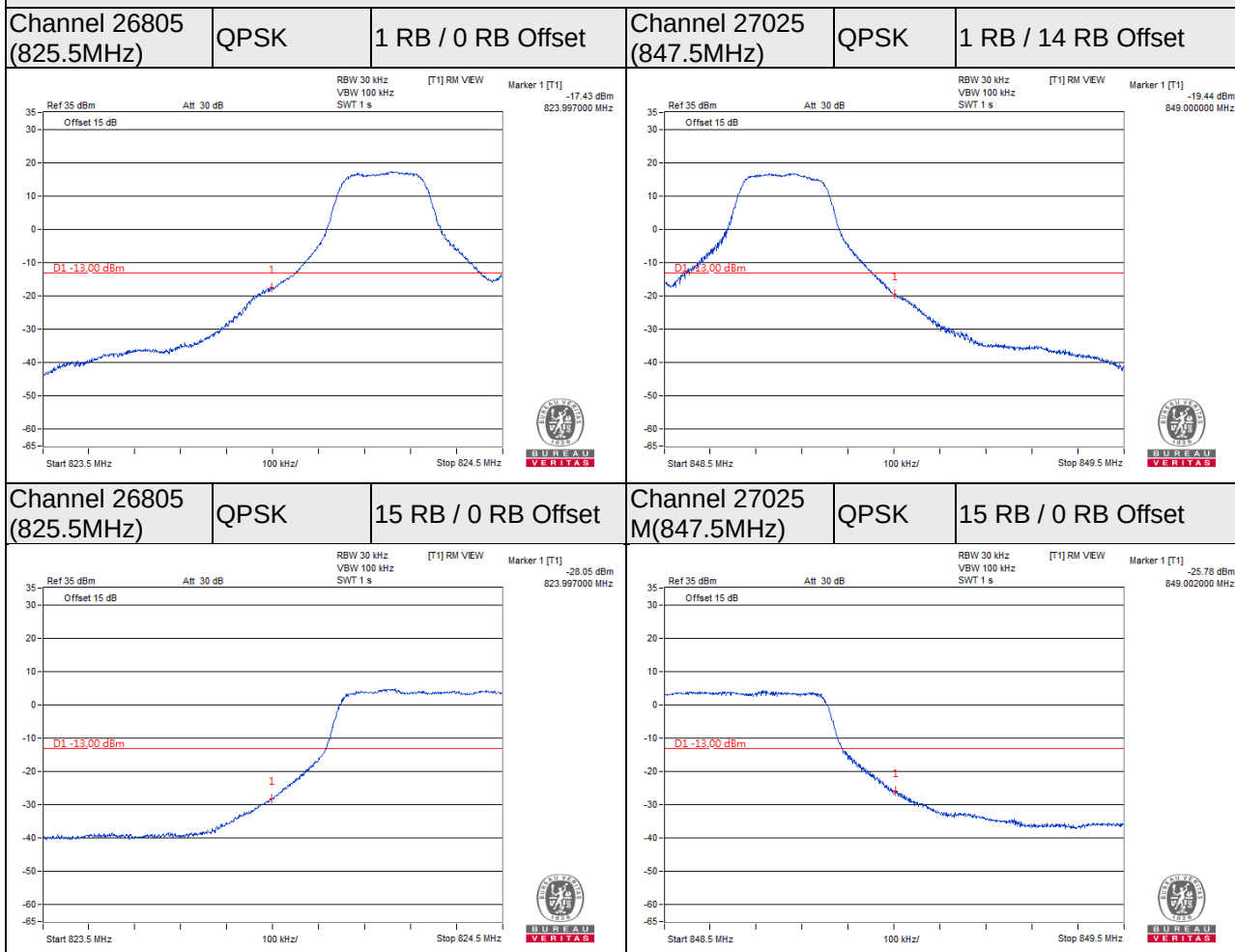


LTE Band 26 (Part 22)

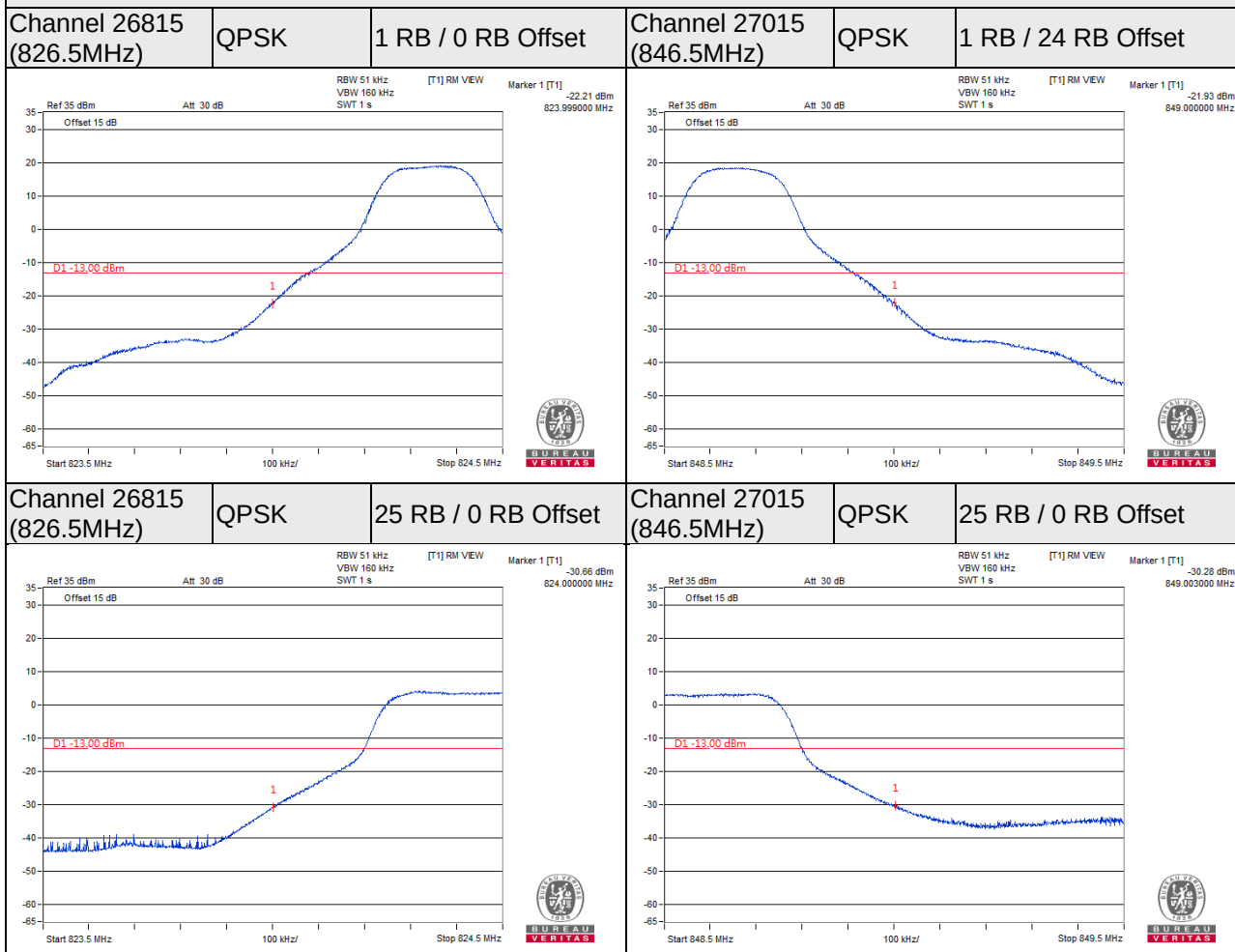
Channel Bandwidth 1.4MHz



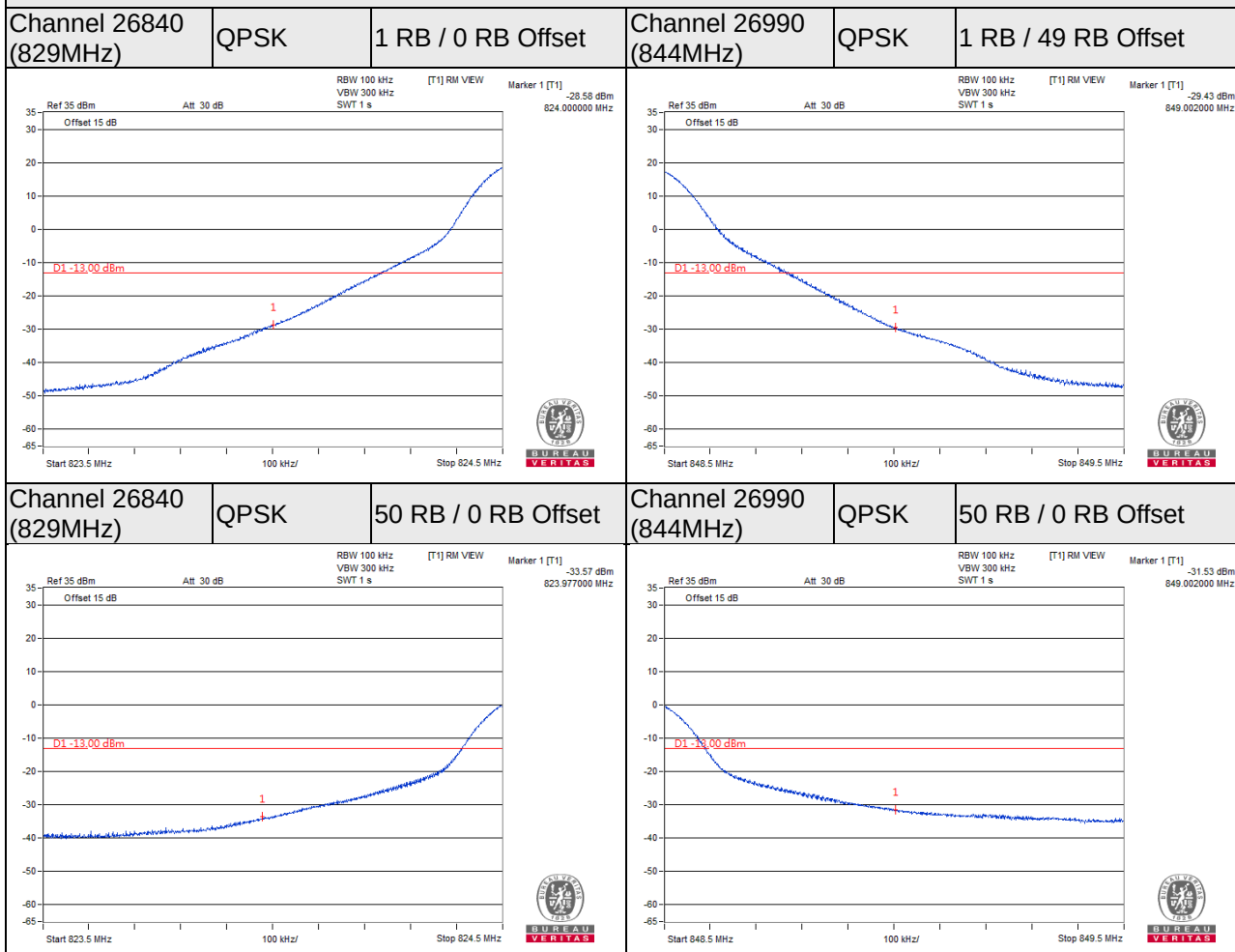
Channel Bandwidth 3MHz



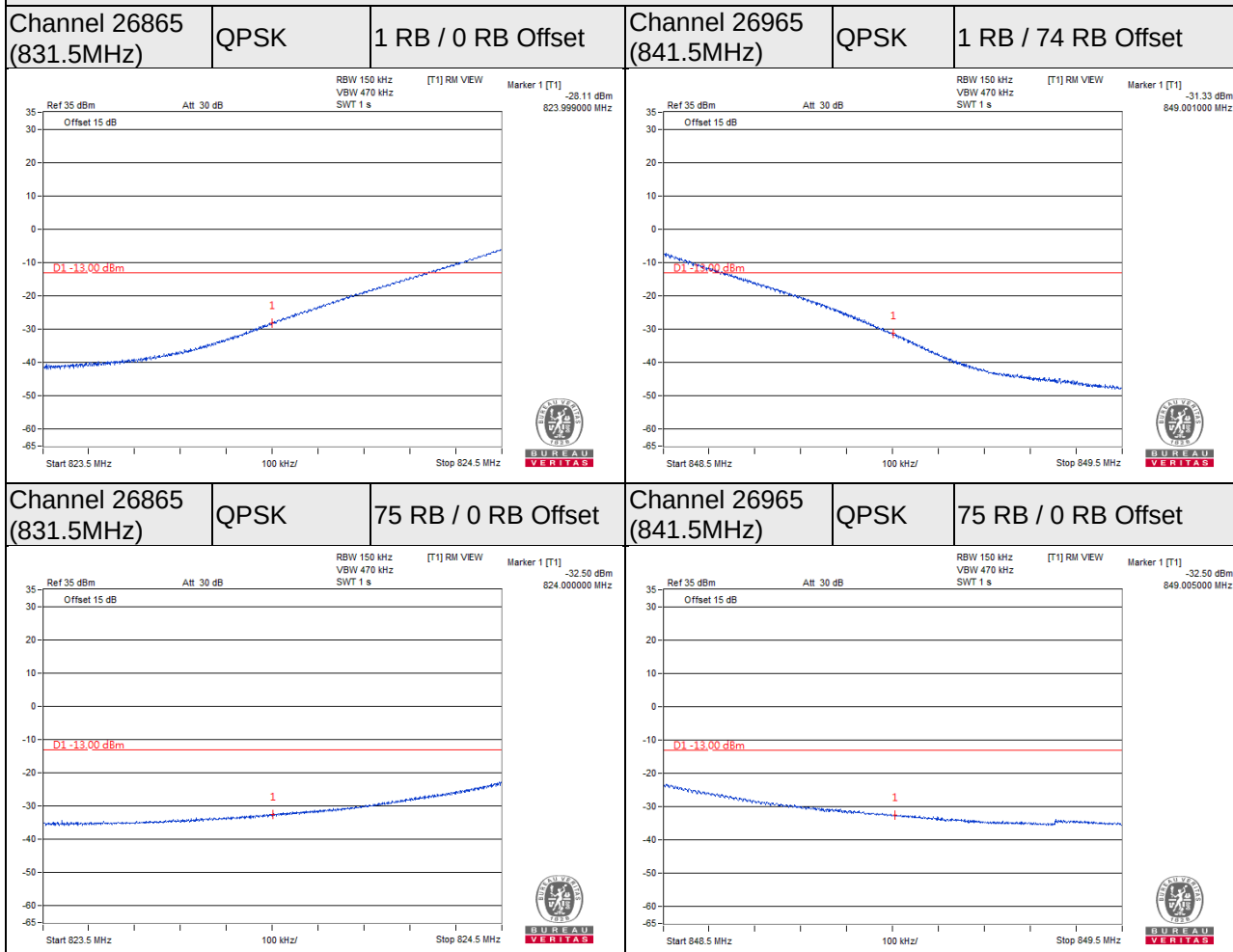
Channel Bandwidth 5MHz



Channel Bandwidth 10MHz

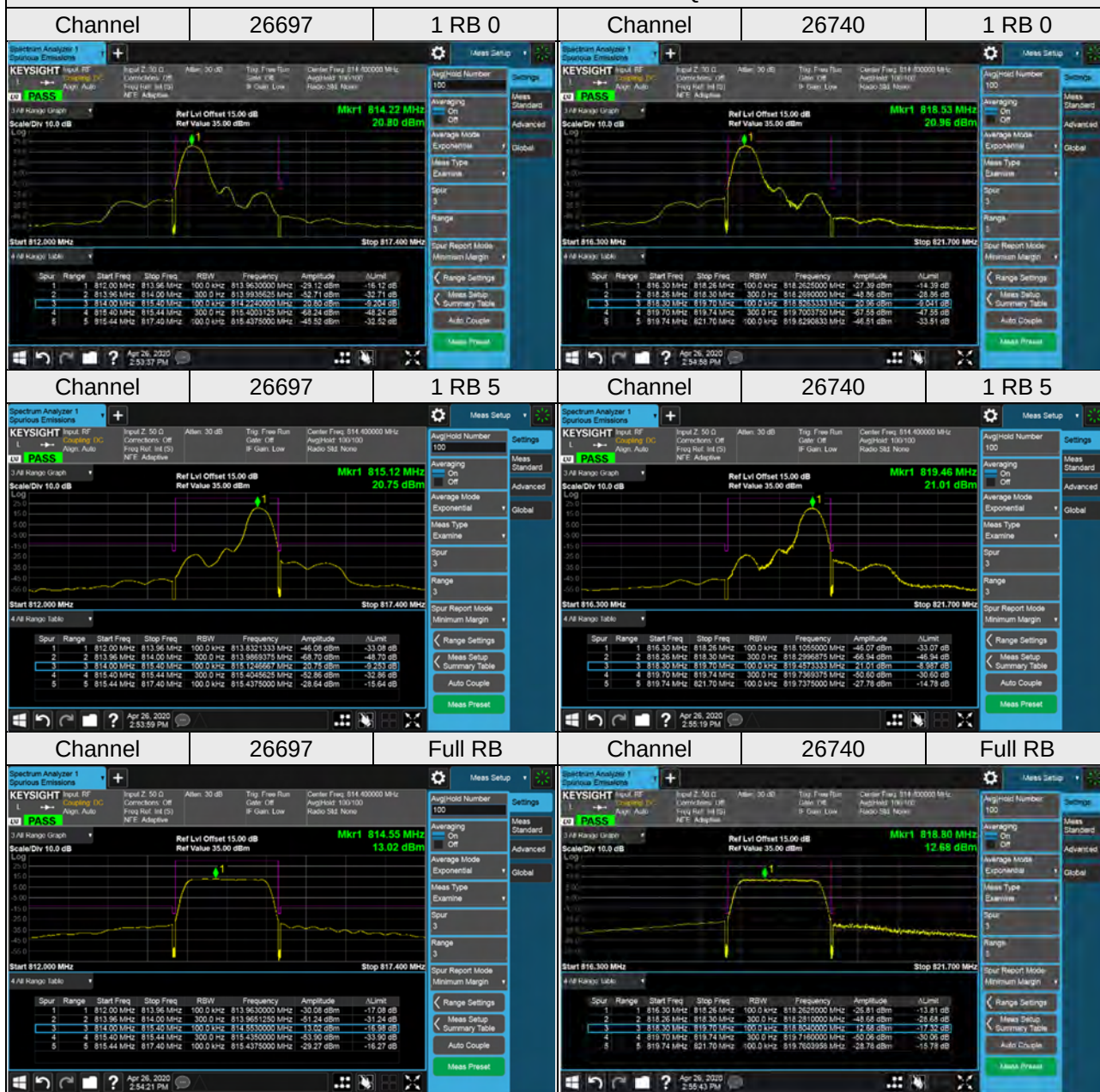


Channel Bandwidth 15MHz



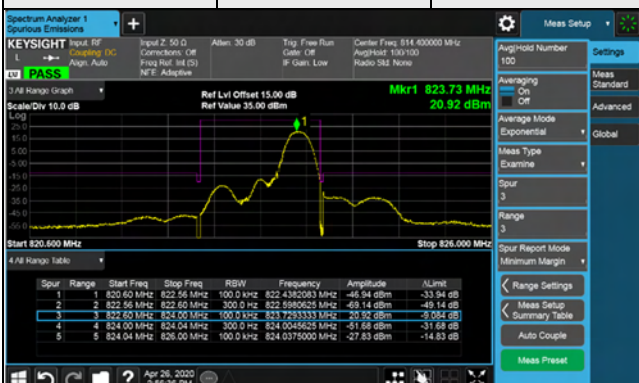
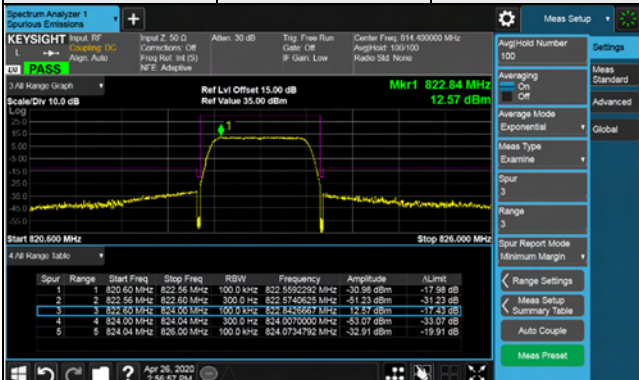
LTE Band 26 (Part 90)

Channel Bandwidth: 1.4 MHz / QPSK



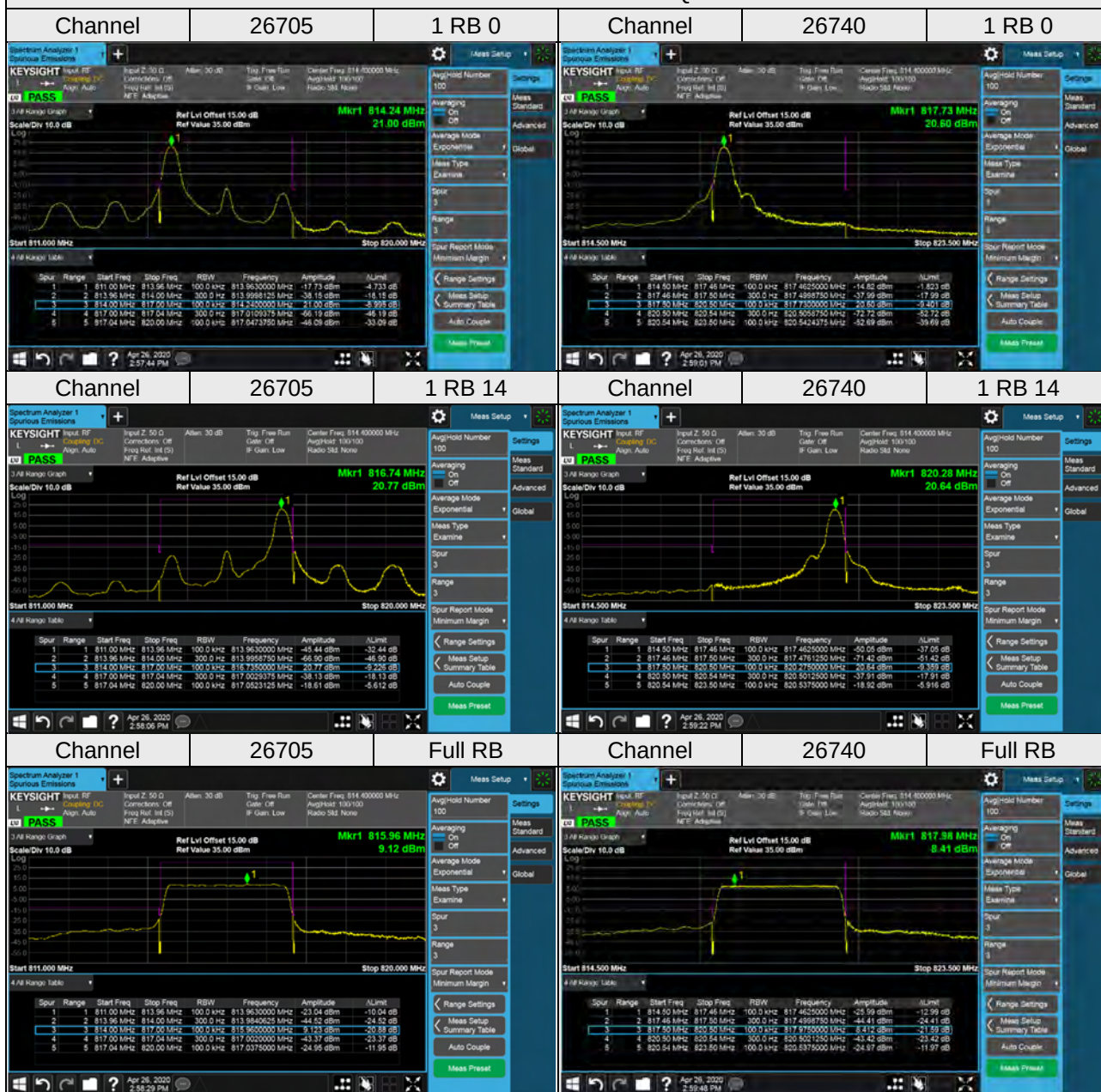
LTE Band 26 (Part 90)

Channel Bandwidth: 1.4 MHz / QPSK

Channel	26783	1 RB 0																																																		
 <table><thead><tr><th>Spur</th><th>Range</th><th>Start Freq</th><th>Stop Freq</th><th>RBW</th><th>Frequency</th><th>Amplitude</th><th>ALimit</th></tr></thead><tbody><tr><td>1</td><td>1</td><td>820.60 MHz</td><td>822.56 MHz</td><td>100.0 kHz</td><td>822.562500 MHz</td><td>-38.94 dBm</td><td>-15.94 dB</td></tr><tr><td>2</td><td>2</td><td>822.56 MHz</td><td>822.60 MHz</td><td>300.0 kHz</td><td>822.590000 MHz</td><td>-51.18 dBm</td><td>-33.18 dB</td></tr><tr><td>3</td><td>3</td><td>824.00 MHz</td><td>824.04 MHz</td><td>100.0 kHz</td><td>824.003333 MHz</td><td>-21.12 dBm</td><td>-5.88 dB</td></tr><tr><td>4</td><td>4</td><td>824.00 MHz</td><td>824.04 MHz</td><td>300.0 kHz</td><td>824.003750 MHz</td><td>-49.00 dBm</td><td>-49.00 dB</td></tr><tr><td>5</td><td>5</td><td>824.04 MHz</td><td>826.00 MHz</td><td>100.0 kHz</td><td>824.1746750 MHz</td><td>-45.41 dBm</td><td>-33.41 dB</td></tr></tbody></table>					Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ALimit	1	1	820.60 MHz	822.56 MHz	100.0 kHz	822.562500 MHz	-38.94 dBm	-15.94 dB	2	2	822.56 MHz	822.60 MHz	300.0 kHz	822.590000 MHz	-51.18 dBm	-33.18 dB	3	3	824.00 MHz	824.04 MHz	100.0 kHz	824.003333 MHz	-21.12 dBm	-5.88 dB	4	4	824.00 MHz	824.04 MHz	300.0 kHz	824.003750 MHz	-49.00 dBm	-49.00 dB	5	5	824.04 MHz	826.00 MHz	100.0 kHz	824.1746750 MHz	-45.41 dBm	-33.41 dB
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ALimit																																													
1	1	820.60 MHz	822.56 MHz	100.0 kHz	822.562500 MHz	-38.94 dBm	-15.94 dB																																													
2	2	822.56 MHz	822.60 MHz	300.0 kHz	822.590000 MHz	-51.18 dBm	-33.18 dB																																													
3	3	824.00 MHz	824.04 MHz	100.0 kHz	824.003333 MHz	-21.12 dBm	-5.88 dB																																													
4	4	824.00 MHz	824.04 MHz	300.0 kHz	824.003750 MHz	-49.00 dBm	-49.00 dB																																													
5	5	824.04 MHz	826.00 MHz	100.0 kHz	824.1746750 MHz	-45.41 dBm	-33.41 dB																																													
Channel	26783	1 RB 5																																																		
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Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ALimit																																													
1	1	820.60 MHz	822.56 MHz	100.0 kHz	822.4382083 MHz	-46.94 dBm	-33.94 dB																																													
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3	3	824.00 MHz	824.04 MHz	100.0 kHz	824.0033333 MHz	-20.92 dBm	-6.08 dB																																													
4	4	824.00 MHz	824.04 MHz	300.0 kHz	824.0045625 MHz	-51.68 dBm	-51.68 dB																																													
5	5	824.04 MHz	826.00 MHz	100.0 kHz	824.0375000 MHz	-27.83 dBm	-14.83 dB																																													
Channel	26783	Full RB																																																		
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Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ALimit																																													
1	1	820.60 MHz	822.56 MHz	100.0 kHz	822.5892252 MHz	-30.58 dBm	-17.58 dB																																													
2	2	822.56 MHz	822.60 MHz	300.0 kHz	822.5740625 MHz	-51.23 dBm	-51.23 dB																																													
3	3	824.00 MHz	824.04 MHz	100.0 kHz	824.0245987 MHz	-12.57 dBm	-17.43 dB																																													
4	4	824.00 MHz	824.04 MHz	300.0 kHz	824.0070000 MHz	-53.01 dBm	-53.01 dB																																													
5	5	824.04 MHz	826.00 MHz	100.0 kHz	824.0734792 MHz	-32.91 dBm	-19.91 dB																																													

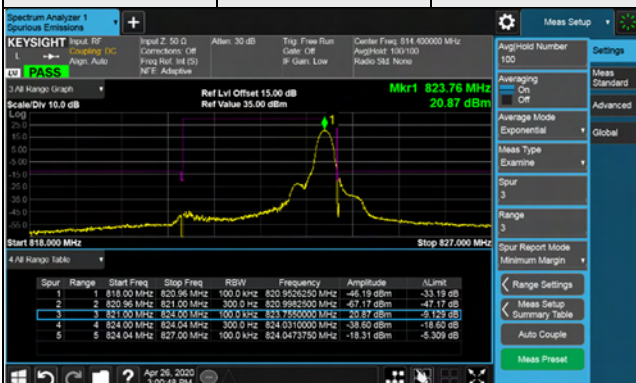
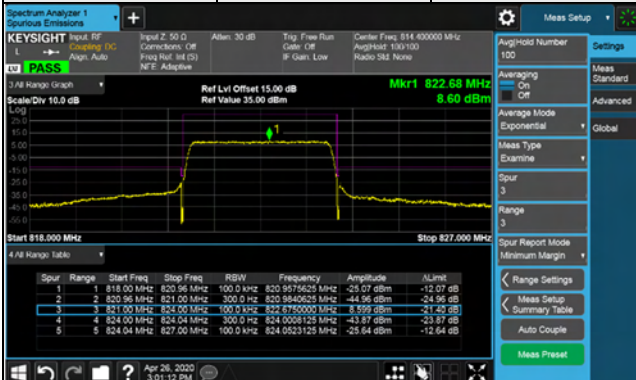
LTE Band 26 (Part 90)

Channel Bandwidth: 3 MHz / QPSK



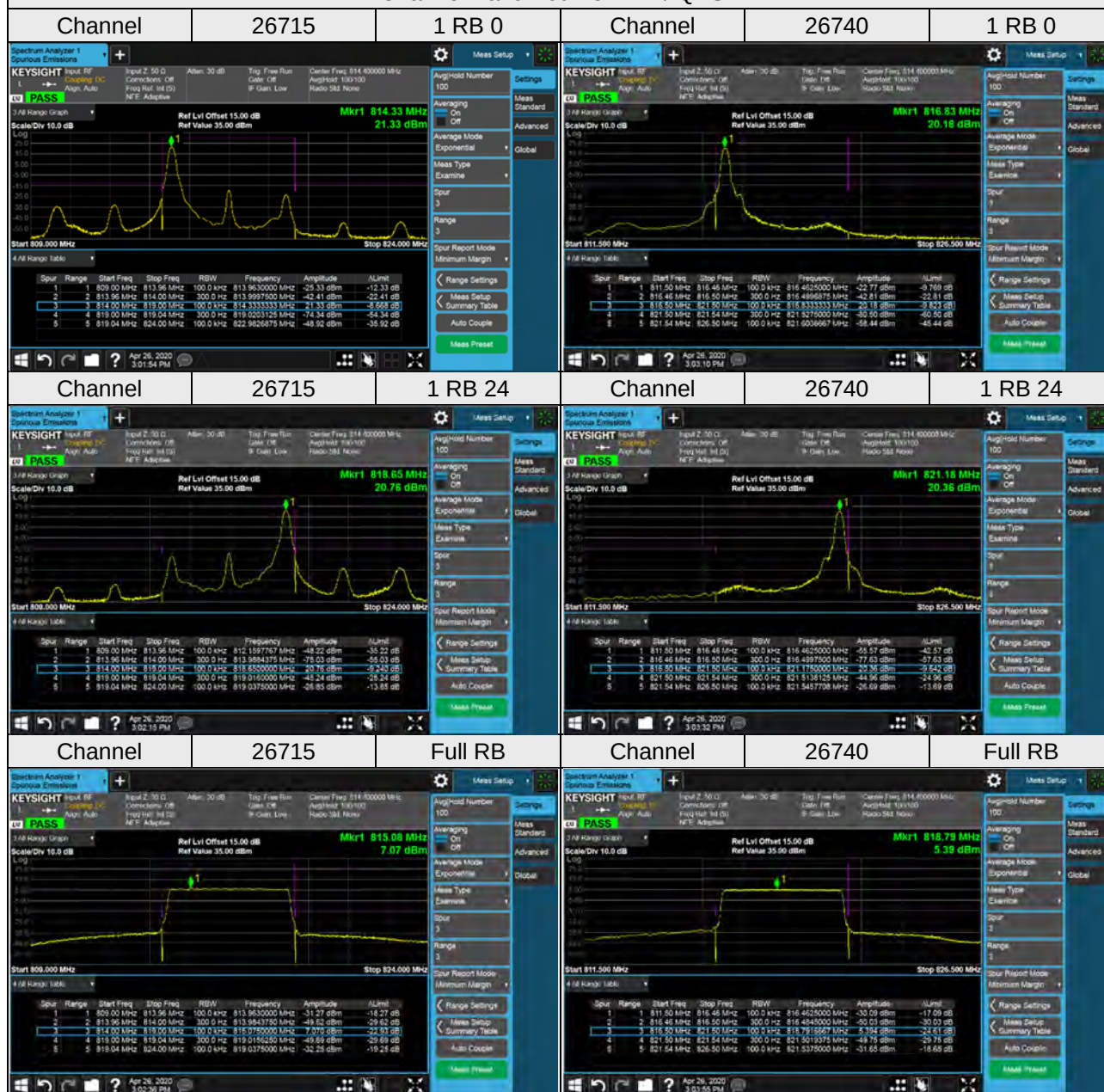
LTE Band 26 (Part 90)

Channel Bandwidth: 3 MHz / QPSK

Channel	26775	1 RB 0																																																		
 <table><thead><tr><th>Spur</th><th>Range</th><th>Start Freq</th><th>Stop Freq</th><th>RBW</th><th>Frequency</th><th>Amplitude</th><th>ALimit</th></tr></thead><tbody><tr><td>1</td><td>1</td><td>818.00 MHz</td><td>820.96 MHz</td><td>100.0 kHz</td><td>820.962000 MHz</td><td>-18.95 dBm</td><td>-5.895 dB</td></tr><tr><td>2</td><td>2</td><td>820.96 MHz</td><td>821.00 MHz</td><td>300.0 kHz</td><td>820.998750 MHz</td><td>-39.46 dBm</td><td>-18.46 dB</td></tr><tr><td>3</td><td>3</td><td>821.00 MHz</td><td>824.04 MHz</td><td>100.0 kHz</td><td>821.250000 MHz</td><td>20.85 dBm</td><td>-26.145 dB</td></tr><tr><td>4</td><td>4</td><td>824.04 MHz</td><td>827.00 MHz</td><td>300.0 kHz</td><td>824.035750 MHz</td><td>-48.64 dBm</td><td>-48.64 dB</td></tr><tr><td>5</td><td>5</td><td>824.04 MHz</td><td>827.00 MHz</td><td>100.0 kHz</td><td>824.0671250 MHz</td><td>-48.34 dBm</td><td>-38.34 dB</td></tr></tbody></table>					Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ALimit	1	1	818.00 MHz	820.96 MHz	100.0 kHz	820.962000 MHz	-18.95 dBm	-5.895 dB	2	2	820.96 MHz	821.00 MHz	300.0 kHz	820.998750 MHz	-39.46 dBm	-18.46 dB	3	3	821.00 MHz	824.04 MHz	100.0 kHz	821.250000 MHz	20.85 dBm	-26.145 dB	4	4	824.04 MHz	827.00 MHz	300.0 kHz	824.035750 MHz	-48.64 dBm	-48.64 dB	5	5	824.04 MHz	827.00 MHz	100.0 kHz	824.0671250 MHz	-48.34 dBm	-38.34 dB
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ALimit																																													
1	1	818.00 MHz	820.96 MHz	100.0 kHz	820.962000 MHz	-18.95 dBm	-5.895 dB																																													
2	2	820.96 MHz	821.00 MHz	300.0 kHz	820.998750 MHz	-39.46 dBm	-18.46 dB																																													
3	3	821.00 MHz	824.04 MHz	100.0 kHz	821.250000 MHz	20.85 dBm	-26.145 dB																																													
4	4	824.04 MHz	827.00 MHz	300.0 kHz	824.035750 MHz	-48.64 dBm	-48.64 dB																																													
5	5	824.04 MHz	827.00 MHz	100.0 kHz	824.0671250 MHz	-48.34 dBm	-38.34 dB																																													
Channel	26775	1 RB 14																																																		
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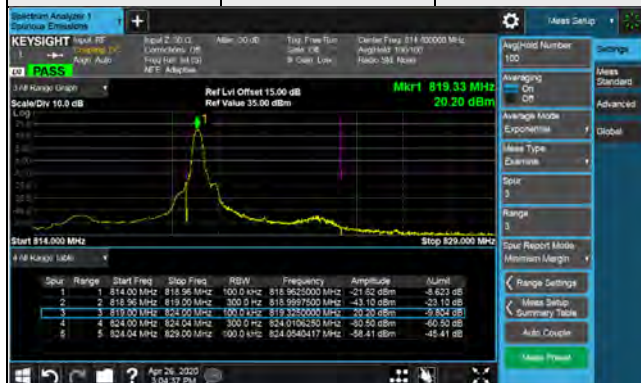
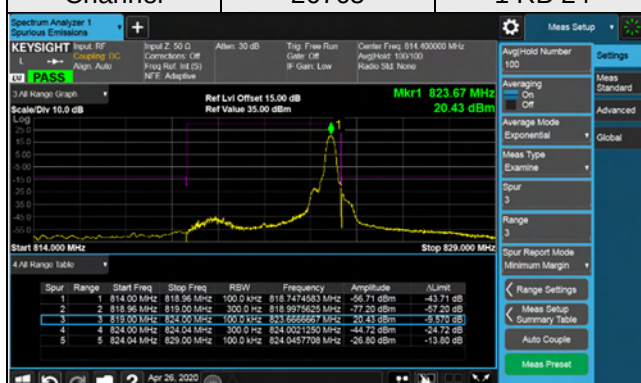
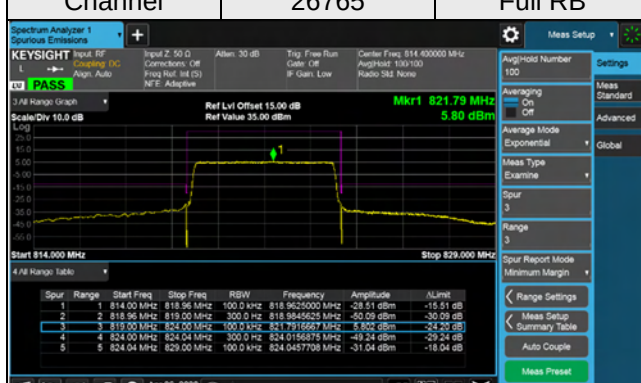
LTE Band 26 (Part 90)

Channel Bandwidth: 5 MHz / QPSK



LTE Band 26 (Part 90)

Channel Bandwidth: 5 MHz / QPSK

Channel	26765	1 RB 0																																																		
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LTE Band 26 (Part 90)

Channel Bandwidth: 10 MHz / QPSK

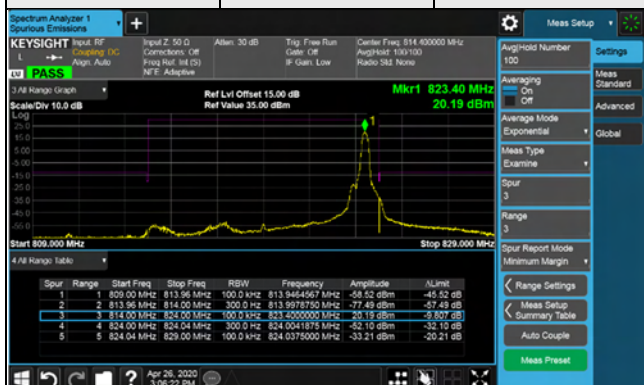
Channel 26740

1 RB 0



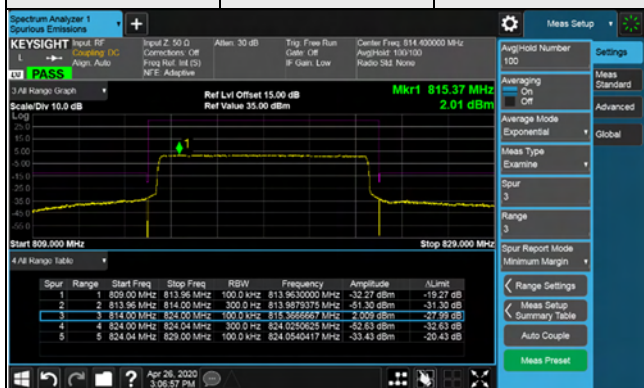
Channel 26740

1 RB 49



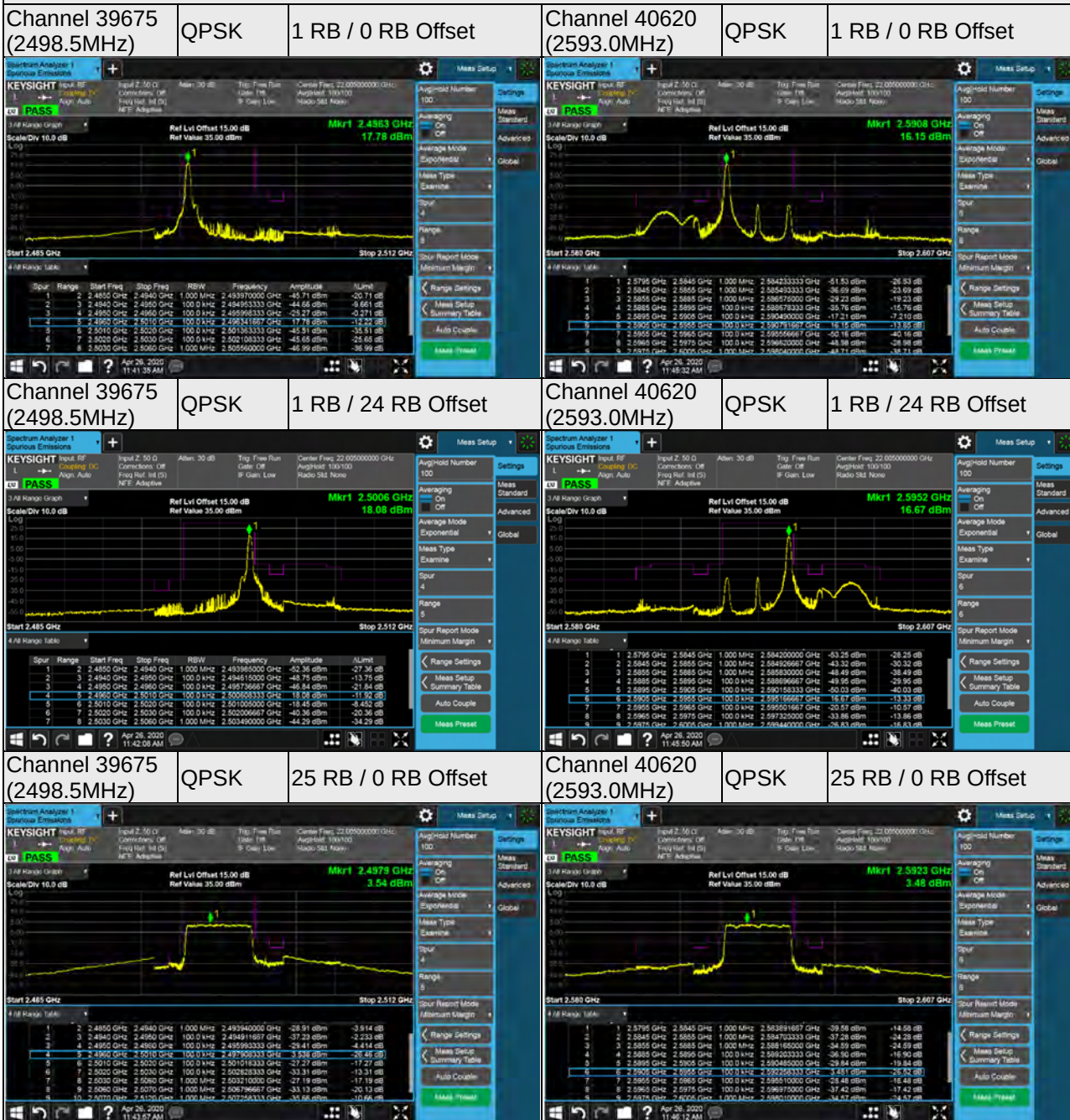
Channel 26740

Full RB



LTE Band 41
Emission Mask:

Channel Bandwidth: 5MHz

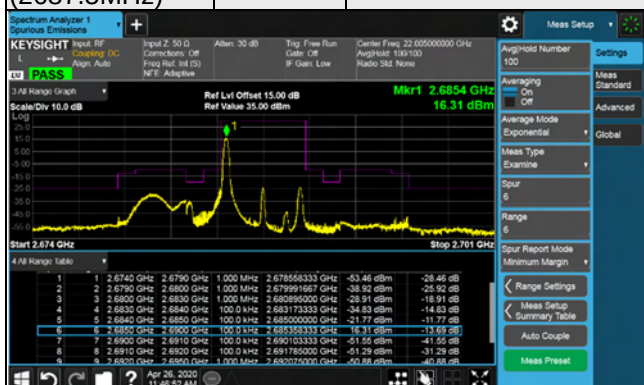


Channel Bandwidth: 5MHz

Channel 41565
(2687.5MHz)

QPSK

1 RB / 0 RB Offset



Channel 41565
(2687.5MHz)

QPSK

1 RB / 24 RB Offset



Channel 41565
(2687.5MHz)

QPSK

25 RB / 0 RB Offset



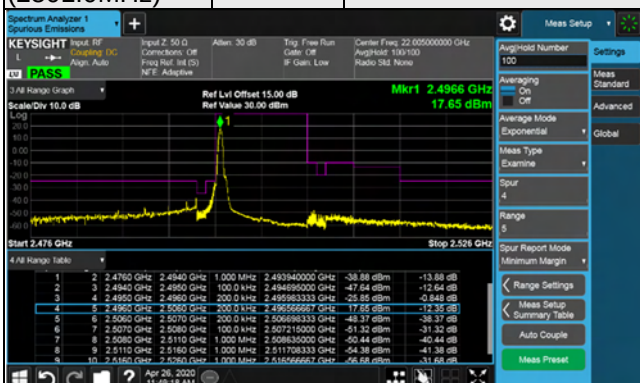
LTE Band 41

Channel Bandwidth: 10MHz

Channel 39700
(2501.0MHz)

QPSK

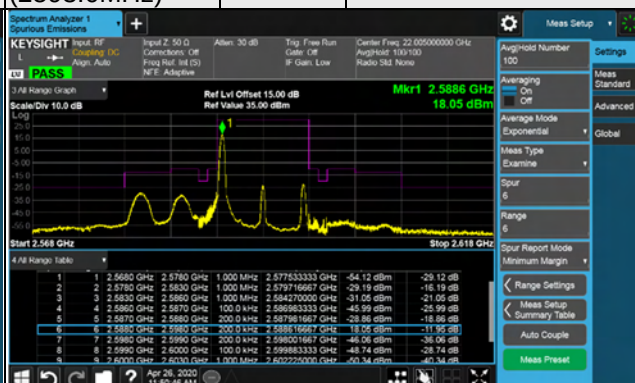
1 RB / 0 RB Offset



Channel 40620
(2593.0MHz)

QPSK

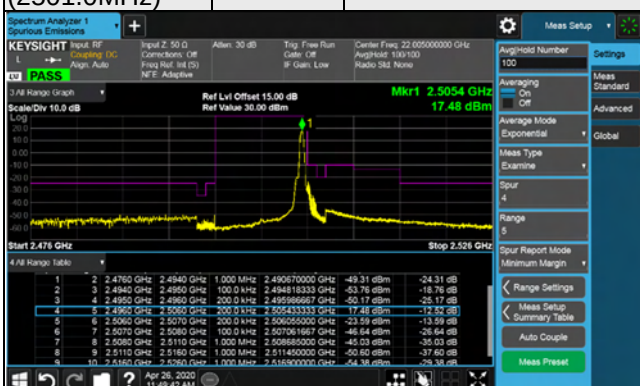
1 RB / 0 RB Offset



Channel 39700
(2501.0MHz)

QPSK

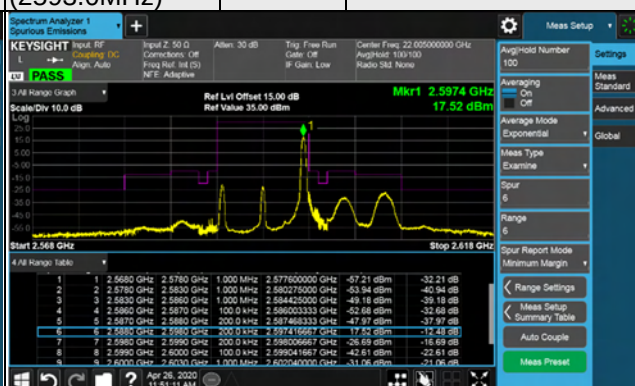
1 RB / 49 RB Offset



Channel 40620
(2593.0MHz)

QPSK

1 RB / 49 RB Offset



Channel 39700
(2501.0MHz)

QPSK

50 RB / 0 RB Offset



Channel 40620
(2593.0MHz)

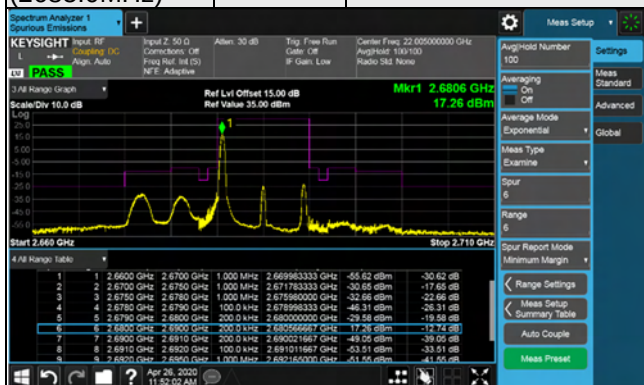
QPSK

50 RB / 0 RB Offset



Channel Bandwidth: 10MHz

Channel 41540 (2685.0MHz)	QPSK	1 RB / 0 RB Offset			
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Channel 41540 (2685.0MHz)	QPSK	1 RB / 49 RB Offset			
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Channel 41540 (2685.0MHz)	QPSK	50 RB / 0 RB Offset			
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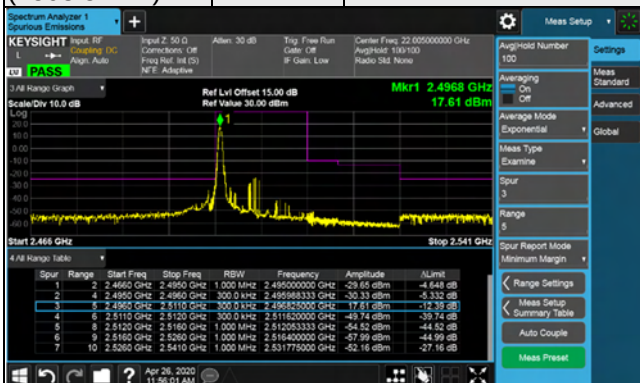
LTE Band 41

Channel Bandwidth: 15MHz

Channel 39725
(2503.5MHz)

QPSK

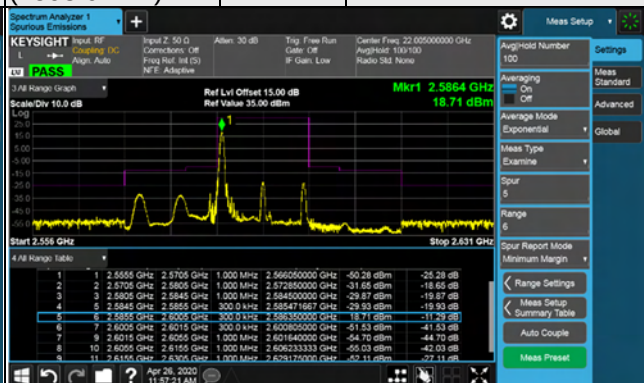
1 RB / 0 RB Offset



Channel 40620
(2593.0MHz)

QPSK

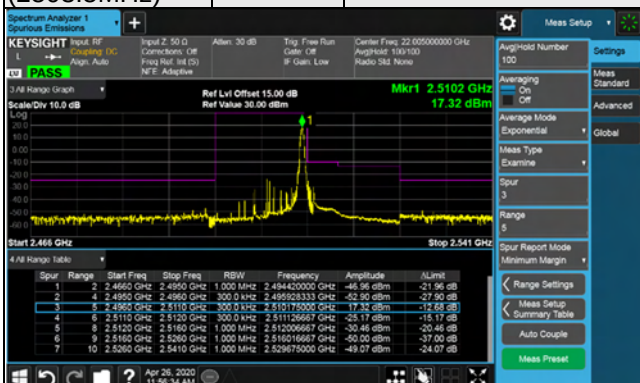
1 RB / 0 RB Offset



Channel 39725
(2503.5MHz)

QPSK

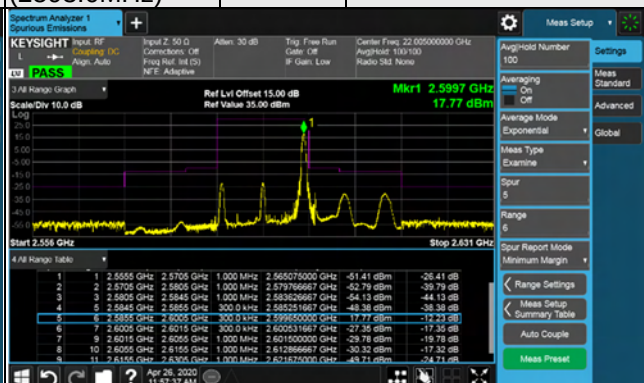
1 RB / 74 RB Offset



Channel 40620
(2593.0MHz)

QPSK

1 RB / 74 RB Offset



Channel 39725
(2503.5MHz)

QPSK

75 RB / 0 RB Offset



Channel 40620
(2593.0MHz)

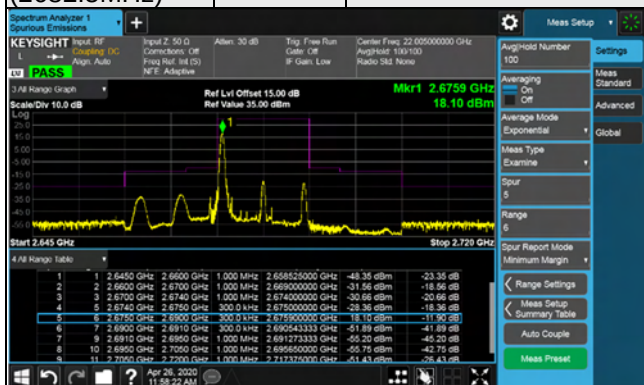
QPSK

75 RB / 0 RB Offset

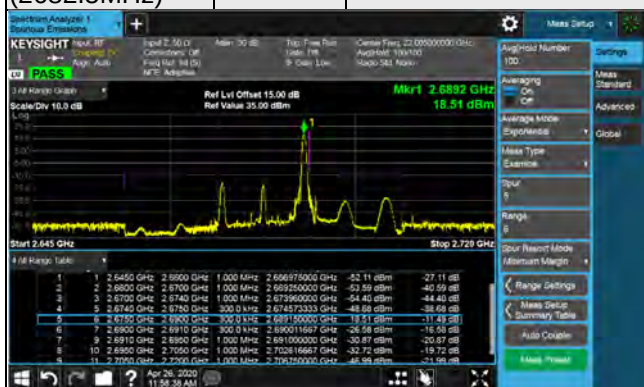


Channel Bandwidth: 15MHz

Channel 41515 (2682.5MHz) QPSK 1 RB / 0 RB Offset



Channel 41515 (2682.5MHz) QPSK 1 RB / 74 RB Offset



Channel 41515 (2682.5MHz) QPSK 75 RB / 0 RB Offset



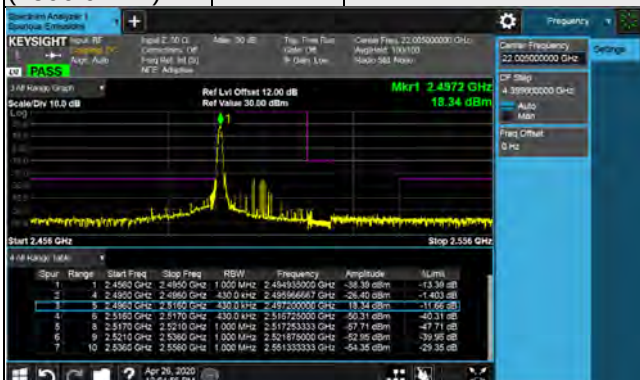
LTE Band 41

Channel Bandwidth: 20MHz

Channel 39750
(2506.0MHz)

QPSK

1 RB / 0 RB Offset



Channel 40620
(2593.0MHz)

QPSK

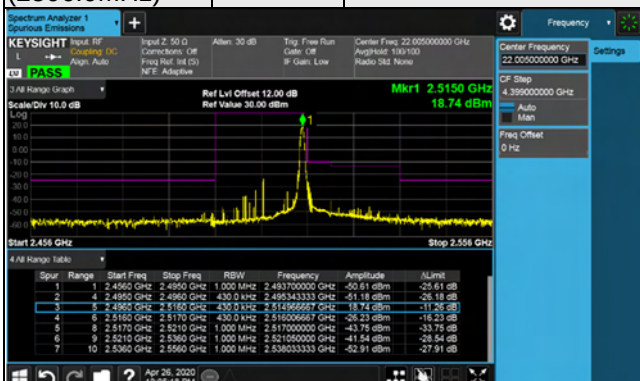
1 RB / 0 RB Offset



Channel 39750
(2506.0MHz)

QPSK

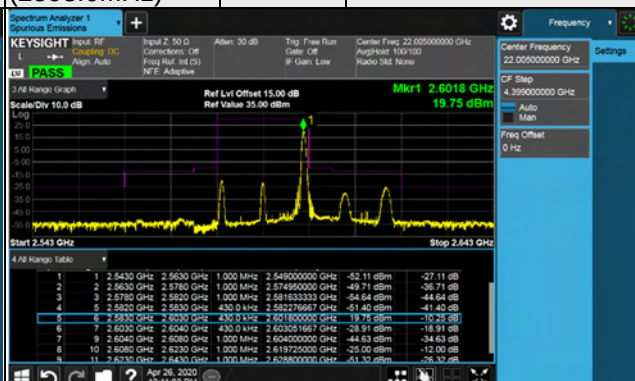
1 RB / 99 RB Offset



Channel 40620
(2593.0MHz)

QPSK

1 RB / 99 RB Offset



Channel 39750
(2506.0MHz)

QPSK

100 RB / 0 RB Offset



Channel 40620
(2593.0MHz)

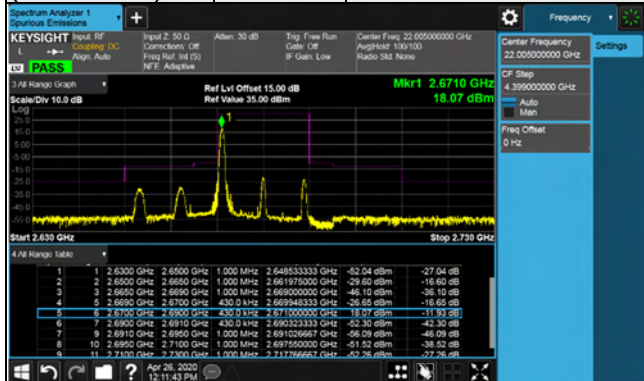
QPSK

100 RB / 0 RB Offset

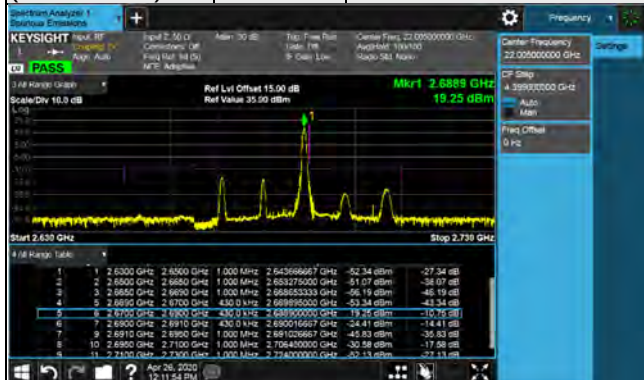


Channel Bandwidth: 20MHz

Channel 41490 (2680.0MHz) QPSK 1 RB / 0 RB Offset



Channel 41490 (2680.0MHz) QPSK 1 RB / 99 RB Offset

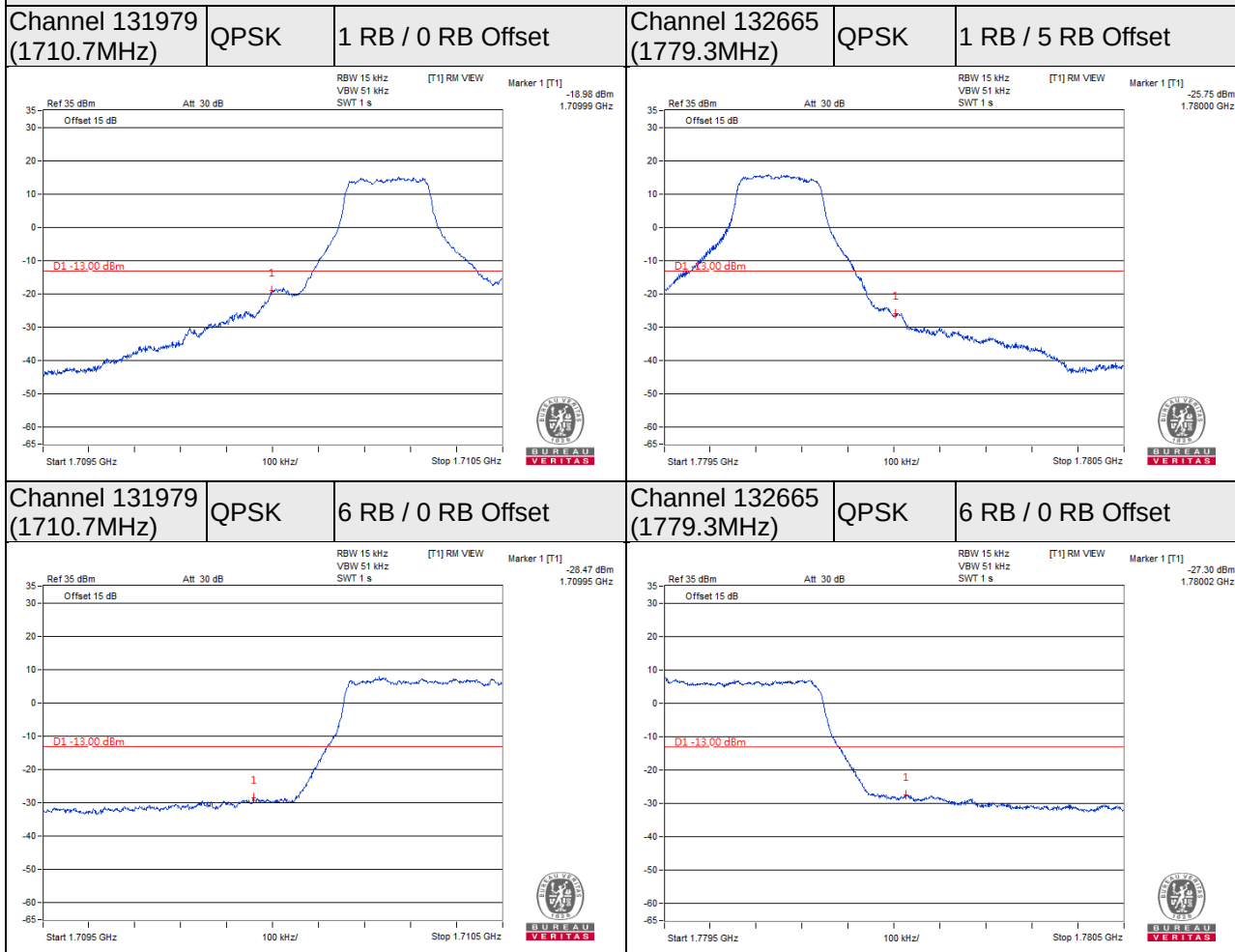


Channel 41490 (2680.0MHz) QPSK 100 RB / 0 RB Offset

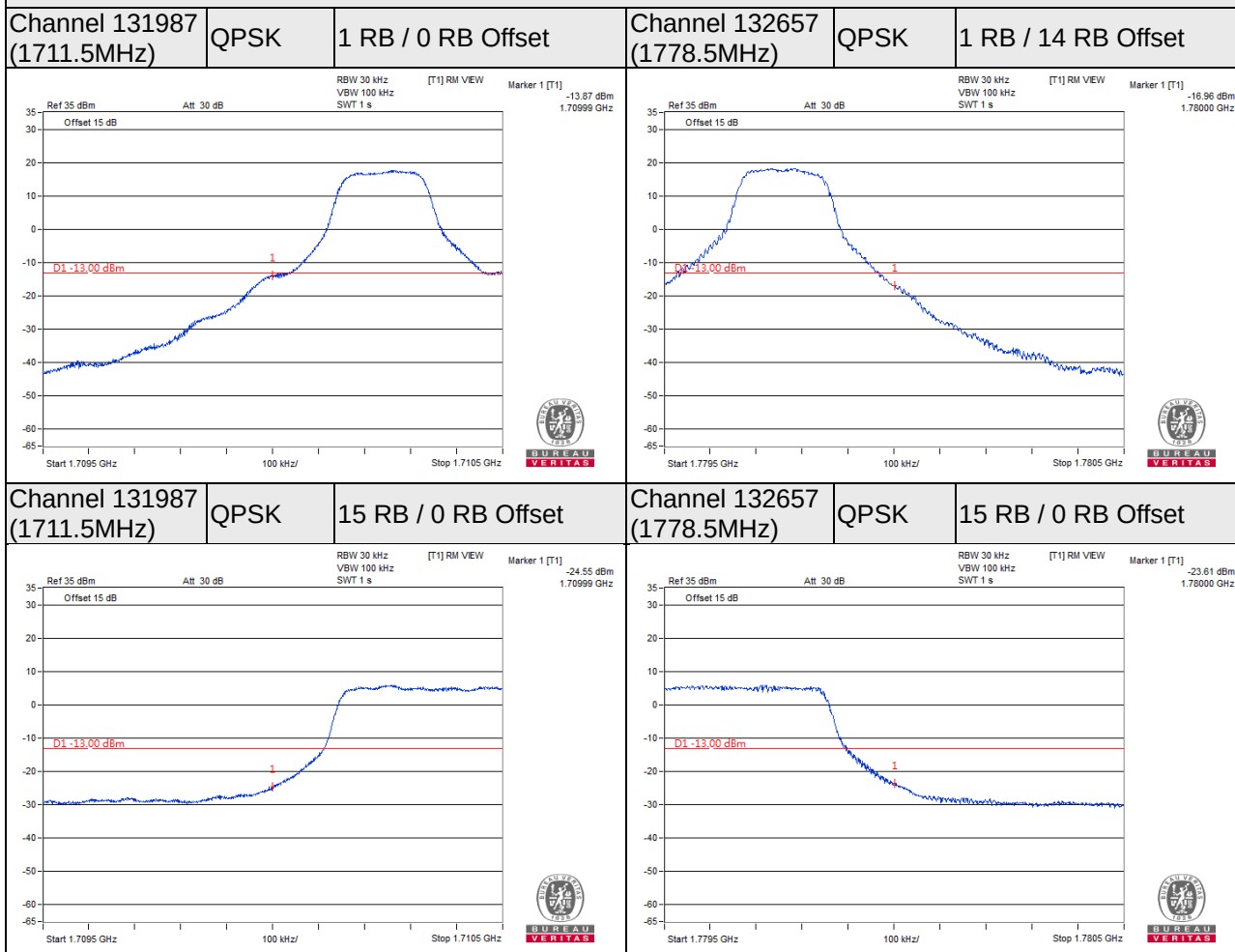


LTE Band 66

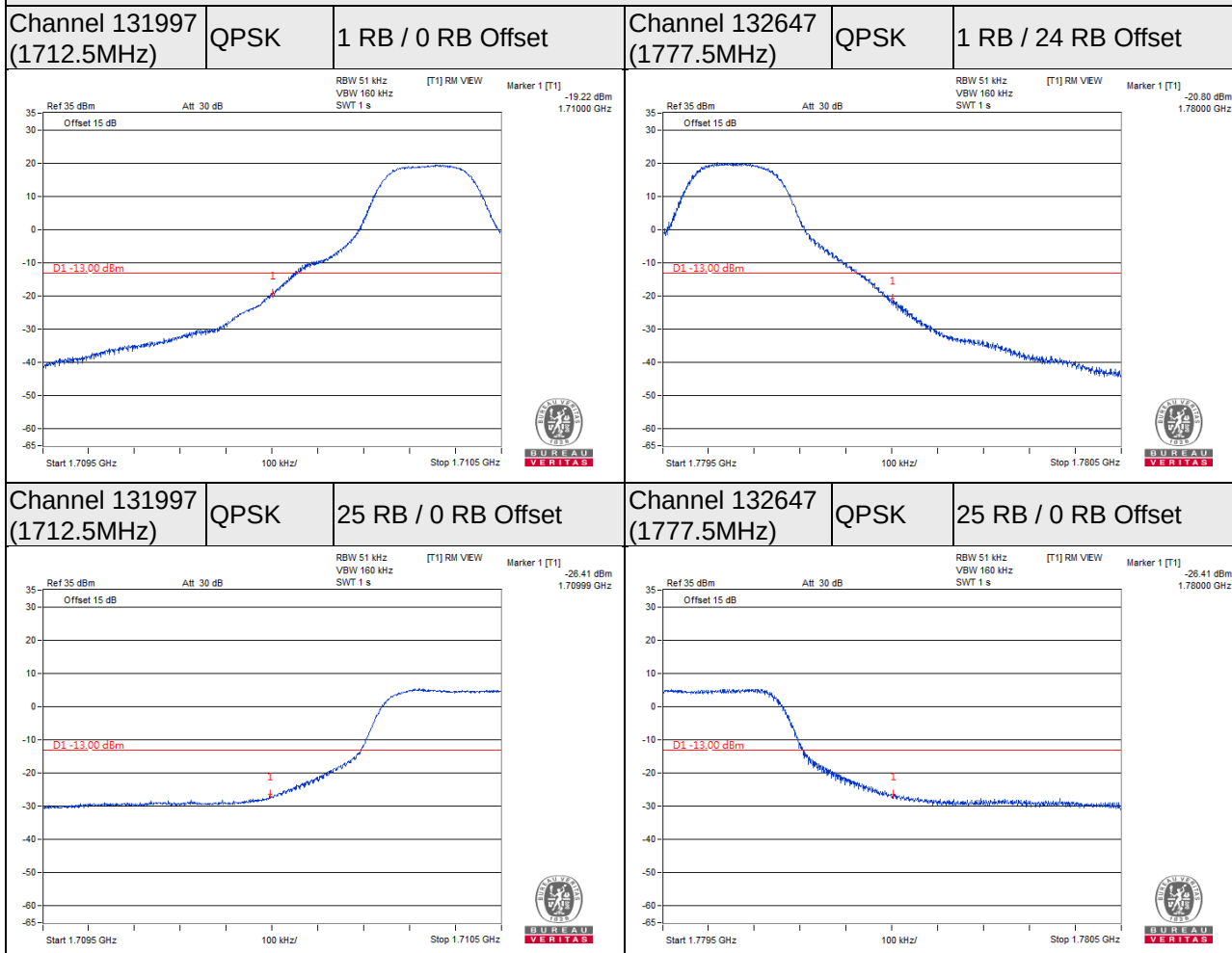
Channel Bandwidth: 1.4MHz



Channel Bandwidth: 3MHz



Channel Bandwidth: 5MHz



Channel Bandwidth: 10MHz

Channel 132022
(1715.0MHz)

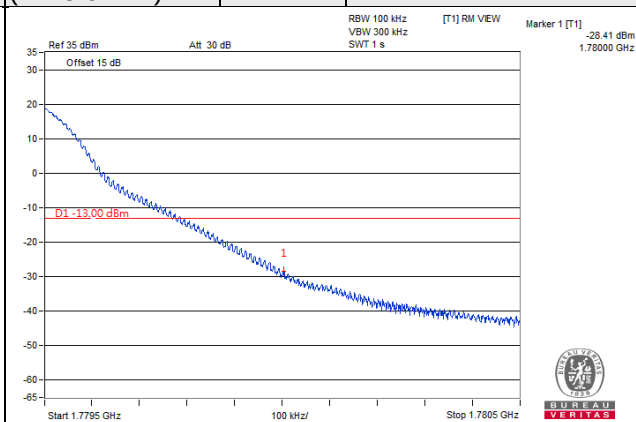
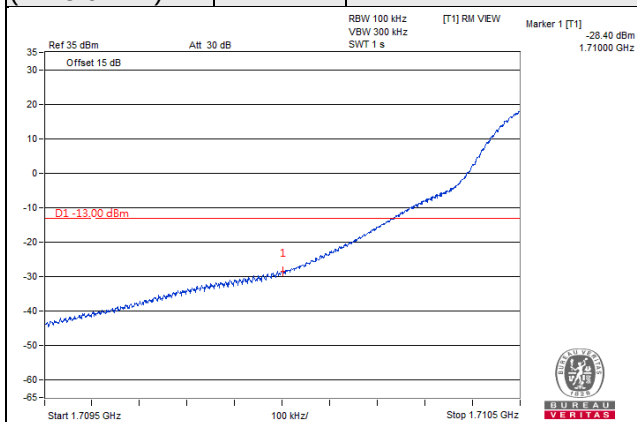
QPSK

1 RB / 0 RB Offset

Channel 132622
(1775.0MHz)

QPSK

1 RB / 49 RB Offset



Channel 132022
(1715.0MHz)

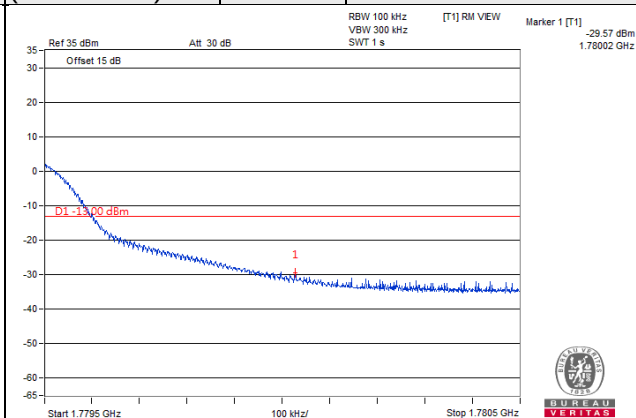
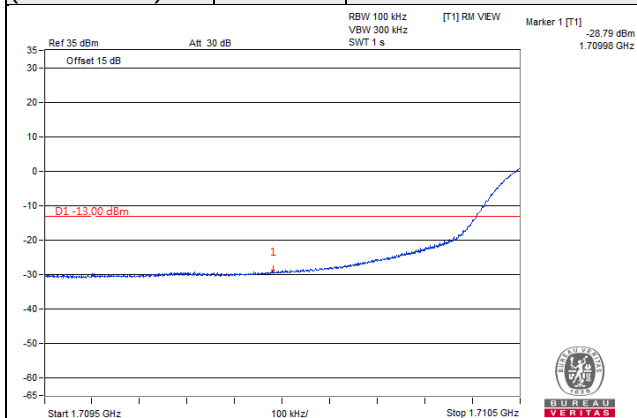
QPSK

50 RB / 0 RB Offset

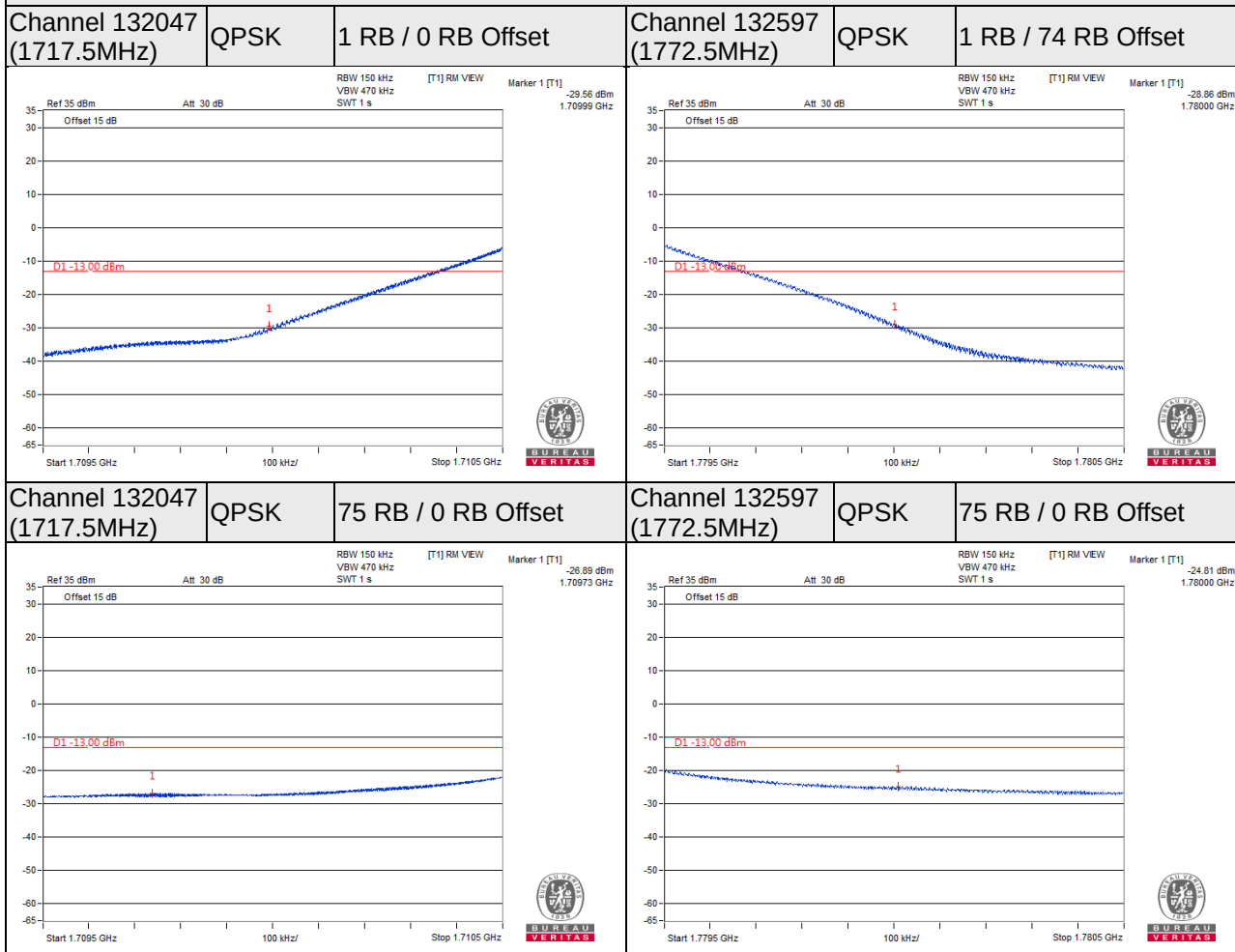
Channel 132622
(1775.0MHz)

QPSK

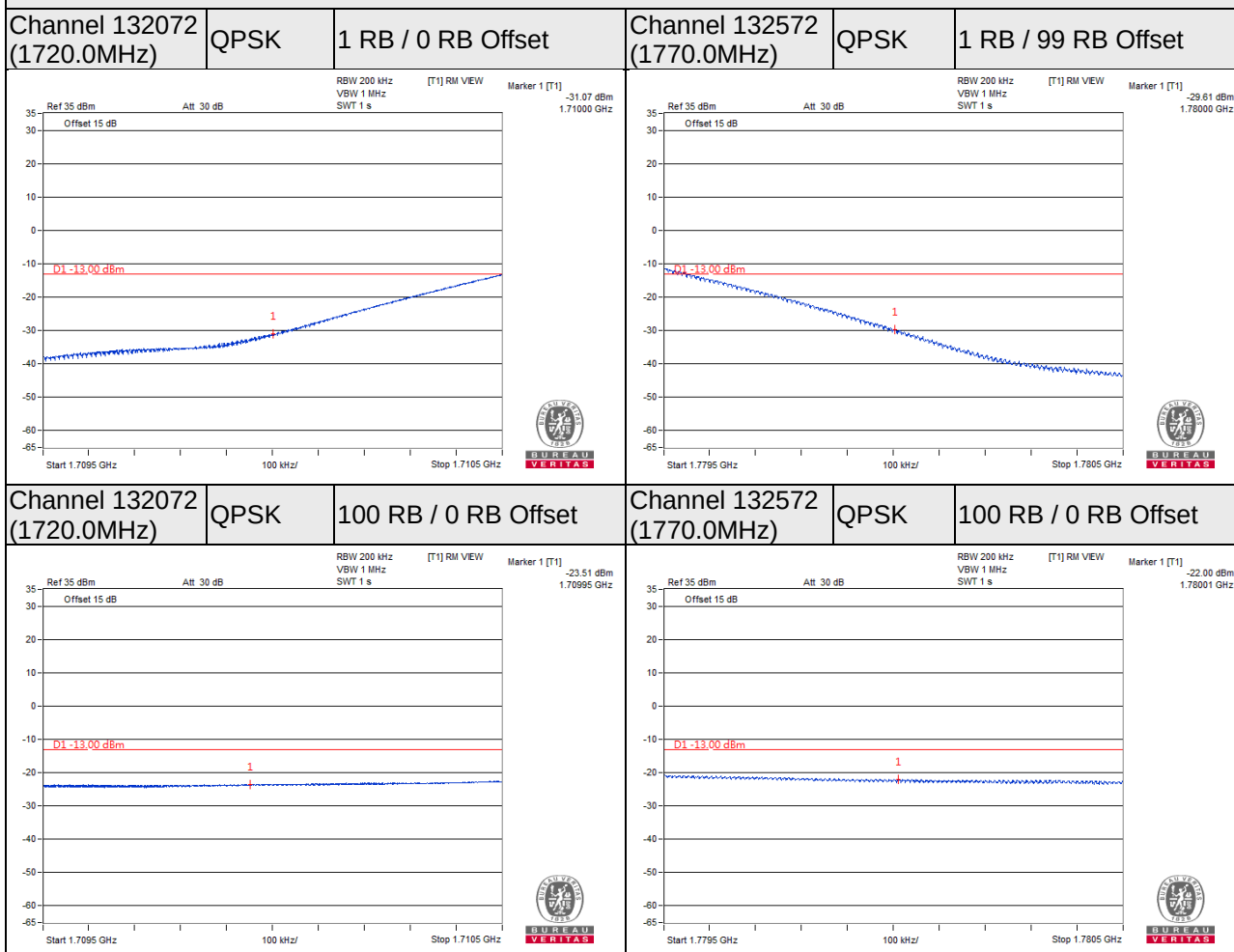
50 RB / 0 RB Offset



Channel Bandwidth: 15MHz



Channel Bandwidth: 20MHz

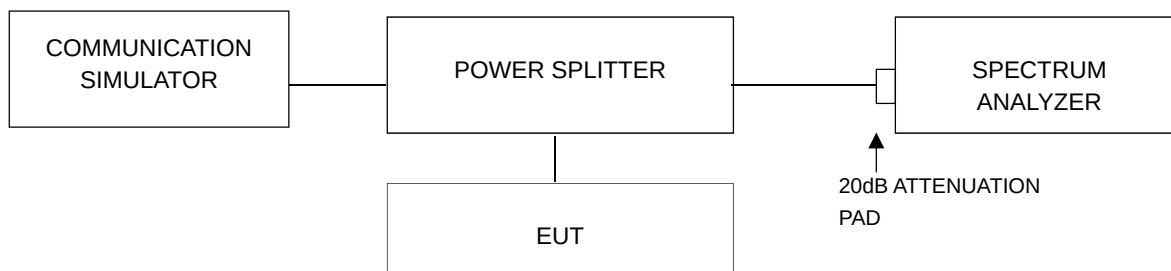


4.6 Peak to Average Ratio

4.6.1 Limits of Peak to Average Ratio Measurement

In measuring transmissions in this band using an average power technique, the peak to-average ratio (PAR) of the transmission may not exceed 13 dB

4.6.2 Test Setup



4.6.3 Test Procedures

- Set resolution/measurement bandwidth $\geq$ signal's occupied bandwidth;
- Set the number of counts to a value that stabilizes the measured CCDF curve;
- Record the maximum PAPR level associated with a probability of 0.1%.

4.6.4 Test Results

n41

n41, Channel Bandwidth 20MHz						
Channel	Frequency (MHz)	Peak To Average Ratio (dB)				
		$\pi/2$ BPSK	QPSK	16QAM	64QAM	256QAM
501204	2506.02	4.40	5.02	6.18	6.13	8.52
518598	2592.99	4.89	5.76	6.49	6.51	8.36
535998	2679.99	4.32	6.03	6.78	6.66	8.44
n41, Channel Bandwidth 40MHz						
Channel	Frequency (MHz)	Peak To Average Ratio (dB)				
		$\pi/2$ BPSK	QPSK	16QAM	64QAM	256QAM
503202	2516.01	4.34	6.68	6.63	6.91	8.46
518598	2592.99	4.92	6.80	6.81	7.18	8.65
534000	2670.00	4.43	6.73	6.79	7.29	8.43
n41, Channel Bandwidth 50MHz						
Channel	Frequency (MHz)	Peak To Average Ratio (dB)				
		$\pi/2$ BPSK	QPSK	16QAM	64QAM	256QAM
504204	2521.02	4.57	5.45	5.53	5.70	8.34
518598	2592.99	4.94	6.46	6.96	7.35	8.48
532998	2664.99	5.12	6.39	6.82	7.24	8.60
n41, Channel Bandwidth 60MHz						
Channel	Frequency (MHz)	Peak To Average Ratio (dB)				
		$\pi/2$ BPSK	QPSK	16QAM	64QAM	256QAM
505200	2526.00	4.66	6.99	7.05	7.44	8.59
518598	2592.99	4.83	6.68	6.70	7.10	8.76
531996	2659.98	4.90	6.67	6.68	7.10	8.51
n41, Channel Bandwidth 80MHz						
Channel	Frequency (MHz)	Peak To Average Ratio (dB)				
		$\pi/2$ BPSK	QPSK	16QAM	64QAM	256QAM
507204	2536.02	6.28	7.24	7.22	7.67	8.38
518598	2592.99	6.83	7.03	6.99	7.50	8.67
529998	2649.99	5.55	6.71	6.70	7.21	8.58

n41, Channel Bandwidth 90MHz						
Channel	Frequency (MHz)	Peak To Average Ratio (dB)				
		$\pi/2$ BPSK	QPSK	16QAM	64QAM	256QAM
508200	2541.00	5.01	7.25	7.35	7.60	8.40
518598	2592.99	4.86	7.07	7.07	7.38	8.55
528996	2644.98	4.93	6.66	6.68	7.15	8.41
n41, Channel Bandwidth 100MHz						
Channel	Frequency (MHz)	Peak To Average Ratio (dB)				
		$\pi/2$ BPSK	QPSK	16QAM	64QAM	256QAM
509202	2546.01	4.34	5.69	6.24	6.38	8.26
518598	2592.99	5.49	6.82	6.85	7.23	8.49
528000	2640.00	5.58	8.04	7.93	8.05	8.65

Spectrum Plot of Worst Value

20MHz / 256QAM



40MHz / 256QAM



50MHz / 256QAM



60MHz / 256QAM



80MHz / 256QAM



90MHz / 256QAM



100MHz / 256QAM



LTE Band 2, Channel Bandwidth 1.4MHz				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		
		QPSK	16QAM	64QAM
18607	1850.7	4.07	5.00	6.43
18900	1880.0	3.91	4.99	6.66
19193	1909.3	3.60	4.33	6.43

LTE Band 2, Channel Bandwidth 3MHz				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		
		QPSK	16QAM	64QAM
18615	1851.5	3.79	4.87	6.38
18900	1880.0	3.80	4.80	6.69
19185	1908.5	3.55	4.29	6.39

LTE Band 2, Channel Bandwidth 5MHz				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		
		QPSK	16QAM	64QAM
18625	1852.5	3.74	4.87	6.94
18900	1880.0	3.81	4.56	6.89
19175	1907.5	3.60	4.35	6.50

LTE Band 2, Channel Bandwidth 10MHz				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		
		QPSK	16QAM	64QAM
18650	1855.0	3.97	4.81	7.23
18900	1880.0	3.76	4.56	7.04
19150	1905.0	3.57	4.24	6.33

LTE Band 2, Channel Bandwidth 15MHz				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		
		QPSK	16QAM	64QAM
18675	1857.5	3.87	4.69	7.11
18900	1880.0	3.90	4.73	7.27
19125	1902.5	3.51	4.20	6.18

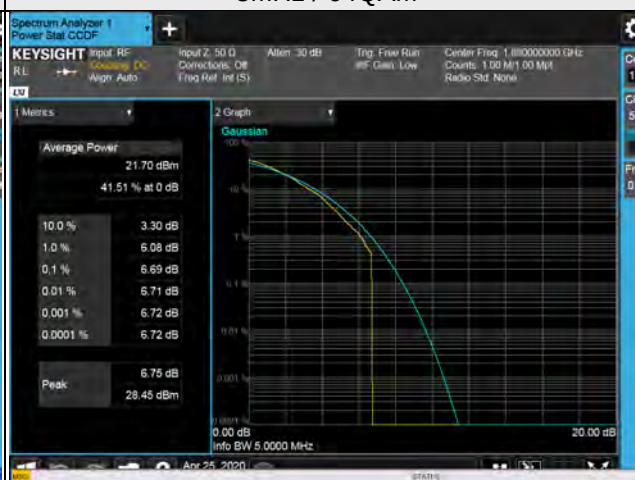
LTE Band 2, Channel Bandwidth 20MHz				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		
		QPSK	16QAM	64QAM
18700	1860.0	3.79	4.60	6.94
18900	1880.0	3.86	4.42	6.74
19100	1900.0	3.66	4.20	6.16

Spectrum Plot of Worst Value

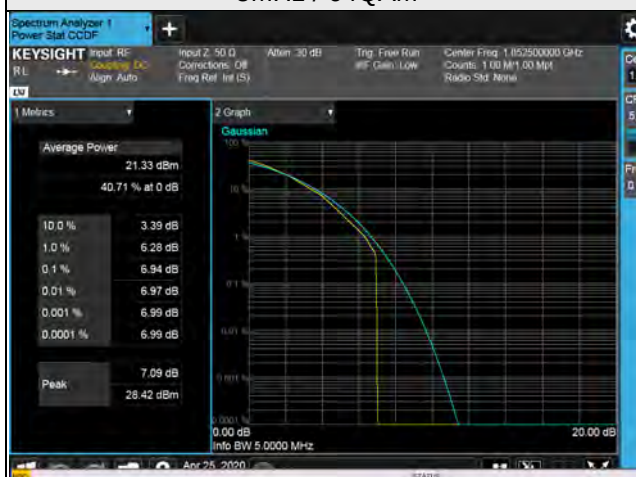
1.4MHz / 64QAM



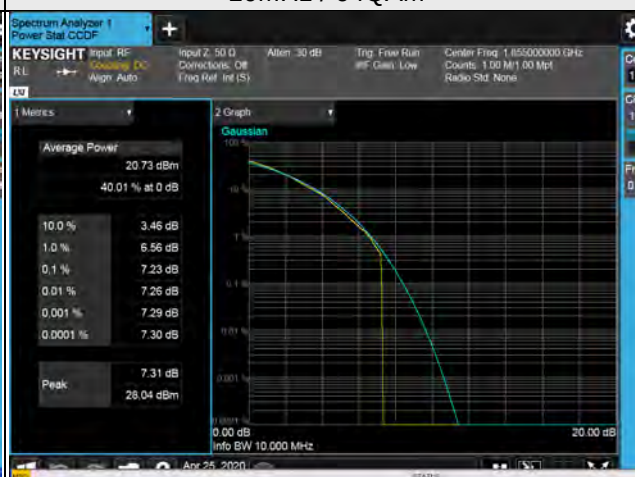
3MHz / 64QAM



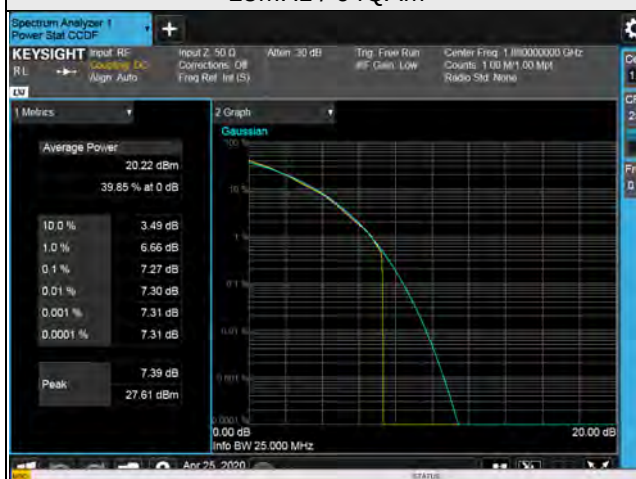
5MHz / 64QAM



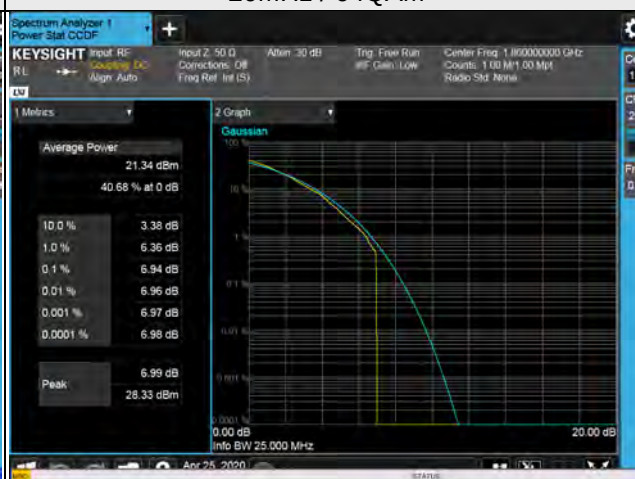
10MHz / 64QAM



15MHz / 64QAM



20MHz / 64QAM



LTE Band 25, Channel Bandwidth 1.4MHz				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		
		QPSK	16QAM	64QAM
26047	1850.7	3.17	3.84	3.96
26365	1882.5	3.79	4.69	4.84
26683	1914.3	3.31	4.06	4.07

LTE Band 25, Channel Bandwidth 3MHz				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		
		QPSK	16QAM	64QAM
26055	1851.5	3.18	3.85	4.03
26365	1882.5	3.62	4.81	4.94
26675	1913.5	2.92	3.67	3.65

LTE Band 25, Channel Bandwidth 5MHz				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		
		QPSK	16QAM	64QAM
26065	1852.5	3.18	3.88	3.81
26365	1882.5	3.57	5.00	5.09
26665	1912.5	2.75	3.50	3.50

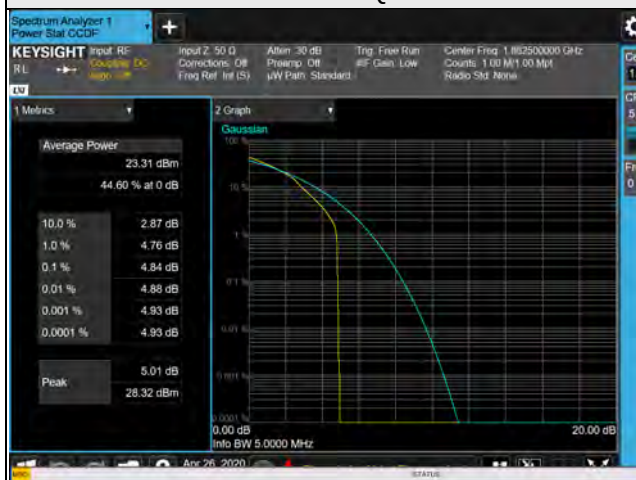
LTE Band 25, Channel Bandwidth 10MHz				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		
		QPSK	16QAM	64QAM
26090	1855.0	3.27	4.01	4.09
26365	1882.5	3.74	5.35	5.28
26640	1910.0	3.75	4.70	4.68

LTE Band 25, Channel Bandwidth 15MHz				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		
		QPSK	16QAM	64QAM
26115	1857.5	2.97	3.56	3.58
26365	1882.5	3.69	4.91	5.12
26615	1907.5	3.29	4.13	4.18

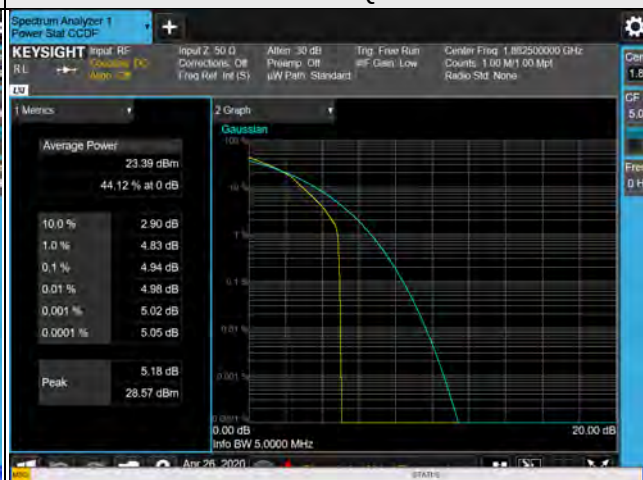
LTE Band 25, Channel Bandwidth 20MHz				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		
		QPSK	16QAM	64QAM
26140	1860.0	2.94	3.67	3.39
26365	1882.5	3.54	4.96	5.13
26590	1905.0	3.37	4.02	4.08

Spectrum Plot of Worst Value

1.4MHz / 64QAM



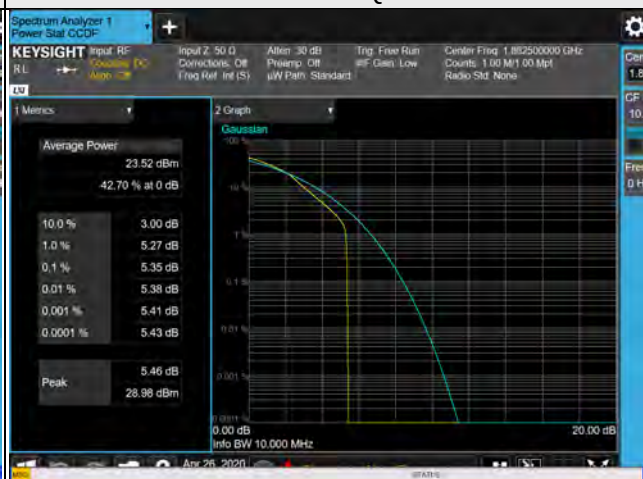
3MHz / 64QAM



5MHz / 64QAM



10MHz / 16QAM



15MHz / 64QAM



20MHz / 64QAM

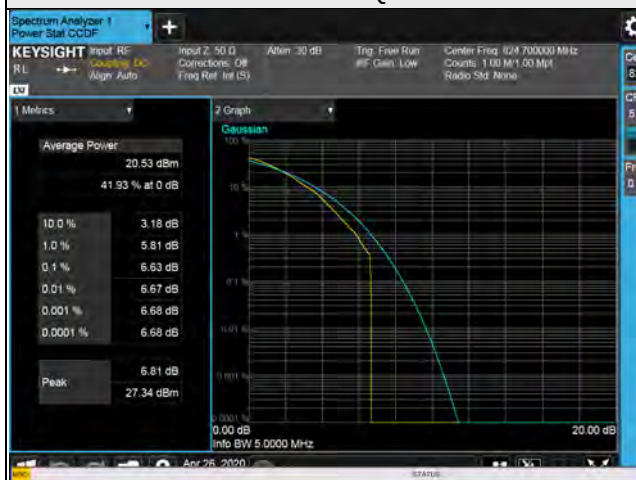


LTE Band 26 (Part 22)

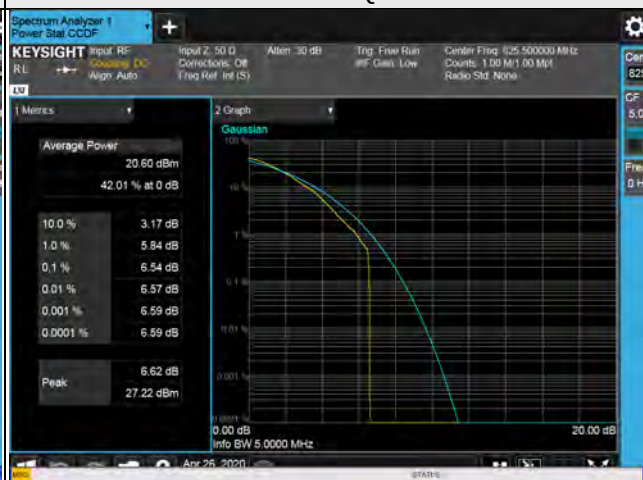
LTE Band 26 (Part 22), Channel Bandwidth 1.4MHz				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		
		QPSK	16QAM	64QAM
26797	824.7	4.06	4.57	6.63
26915	836.5	3.79	4.83	6.20
27033	848.3	3.48	4.17	6.15
LTE Band 26 (Part 22), Channel Bandwidth 3MHz				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		
		QPSK	16QAM	64QAM
26805	825.5	3.87	4.52	6.54
26915	836.5	3.67	4.63	6.26
27025	847.5	3.35	4.07	6.00
LTE Band 26 (Part 22), Channel Bandwidth 5MHz				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		
		QPSK	16QAM	64QAM
26815	826.5	3.68	5.15	6.22
26915	836.5	3.75	4.65	6.38
27015	846.5	3.57	4.40	6.06
LTE Band 26 (Part 22), Channel Bandwidth 10MHz				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		
		QPSK	16QAM	64QAM
26840	829.0	3.75	5.23	6.33
26915	836.5	3.94	5.04	6.35
26990	844.0	3.55	5.14	6.36
LTE Band 26 (Part 22), Channel Bandwidth 15MHz				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		
		QPSK	16QAM	64QAM
26865	831.5	3.36	5.04	6.45
26915	836.5	3.55	5.16	6.85
26965	841.5	3.42	4.78	6.04

Spectrum Plot of Worst Value

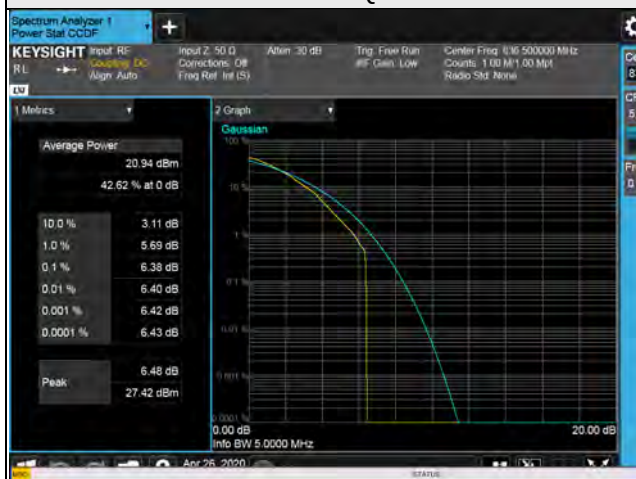
1.4MHz / 64QAM



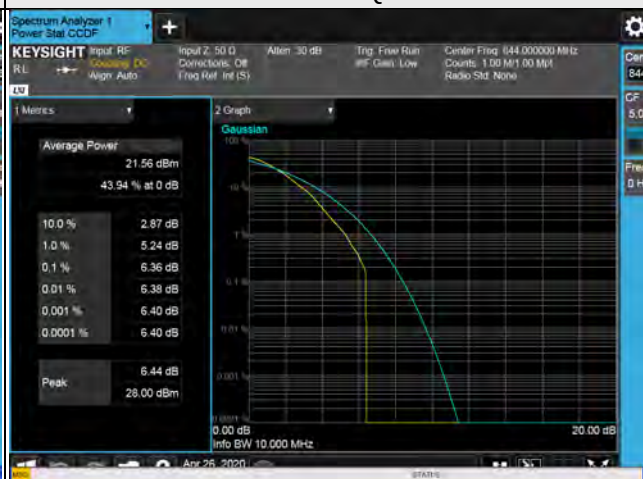
3MHz / 64QAM



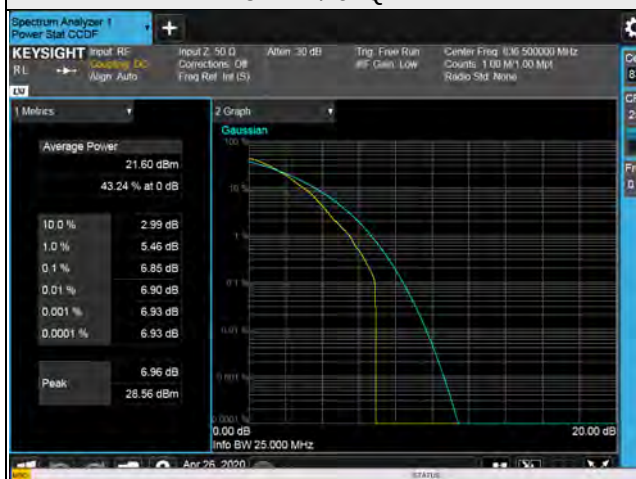
5MHz / 64QAM



10MHz / 64QAM



15MHz / 64QAM

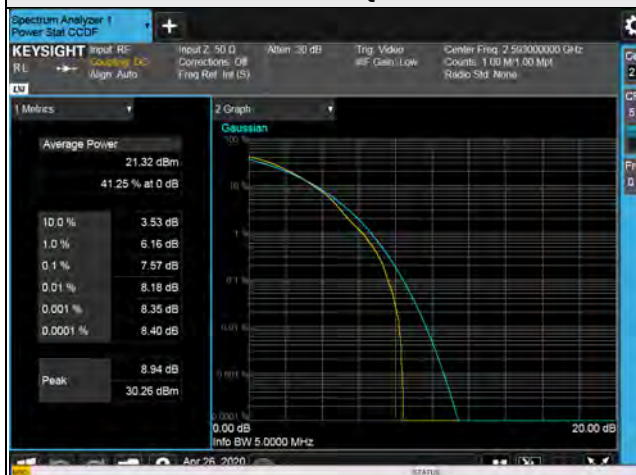


LTE Band 41

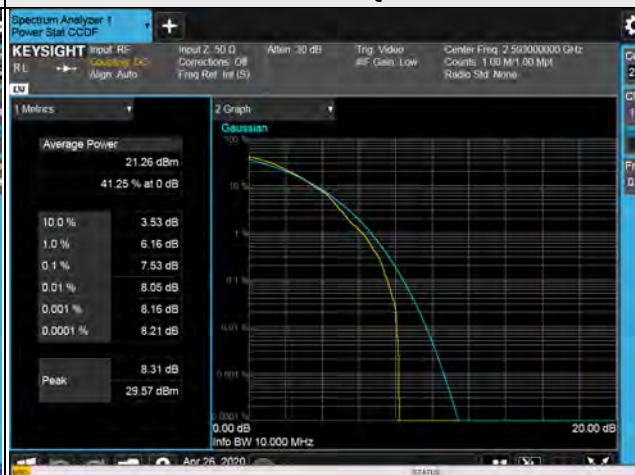
LTE Band 41, Channel Bandwidth 5MHz				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		
		QPSK	16QAM	64QAM
39675	2498.5	3.33	4.14	6.83
40620	2593	3.85	5.83	7.57
41565	2687.5	3.83	5.82	7.41
LTE Band 41, Channel Bandwidth 10MHz				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		
		QPSK	16QAM	64QAM
39700	2501	3.37	4.31	6.95
40620	2593	3.84	6.51	7.53
41540	2685	3.83	3.79	7.34
LTE Band 41, Channel Bandwidth 15MHz				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		
		QPSK	16QAM	64QAM
39725	2503.5	4.00	5.01	6.65
40620	2593	4.02	6.16	7.11
41515	2682.5	4.54	6.17	7.43
LTE Band 41, Channel Bandwidth 20MHz				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		
		QPSK	16QAM	64QAM
39750	2506	4.07	5.10	6.90
40620	2593	4.73	6.54	7.55
41490	2680	4.71	5.72	7.38

Spectrum Plot of Worst Value

5MHz / 64QAM



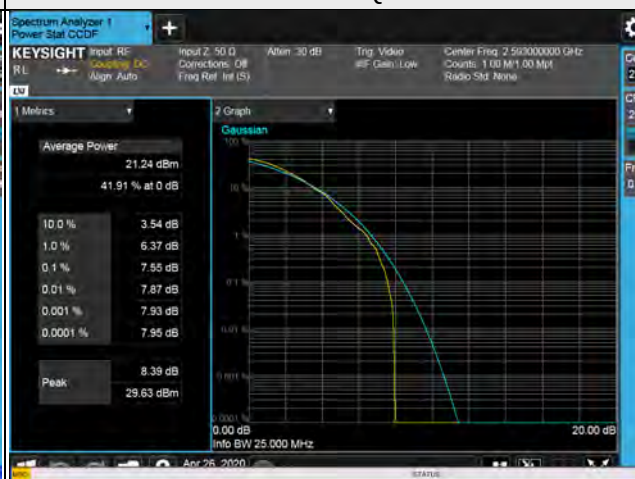
10MHz / 64QAM



15MHz / 64QAM



20MHz / 64QAM



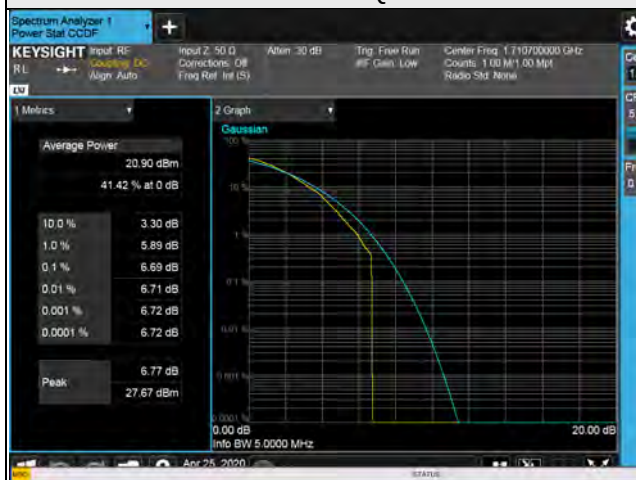
LTE Band 66

LTE Band 66, Channel Bandwidth 1.4MHz				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		
		QPSK	16QAM	64QAM
131979	1710.7	3.73	4.49	6.69
132322	1745.0	3.66	4.47	6.68
132665	1779.3	3.95	5.06	6.36
LTE Band 66, Channel Bandwidth 3MHz				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		
		QPSK	16QAM	64QAM
131987	1711.5	3.63	4.40	6.57
132322	1745.0	3.60	4.41	6.61
132657	1778.5	3.70	5.02	6.39
LTE Band 66, Channel Bandwidth 5MHz				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		
		QPSK	16QAM	64QAM
131997	1712.5	3.66	4.43	6.55
132322	1745.0	3.65	4.48	6.66
132647	1777.5	3.75	4.83	6.43
LTE Band 66, Channel Bandwidth 10MHz				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		
		QPSK	16QAM	64QAM
132022	1715.0	3.76	4.61	6.83
132322	1745.0	3.74	4.63	6.85
132622	1775.0	3.58	4.37	6.65
LTE Band 66, Channel Bandwidth 15MHz				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		
		QPSK	16QAM	64QAM
132047	1717.5	3.71	4.59	6.67
132322	1745.0	3.69	4.52	6.71
132597	1772.5	3.46	4.18	6.27

LTE Band 66, Channel Bandwidth 20MHz				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		
		QPSK	16QAM	64QAM
132072	1720.0	3.76	4.57	6.96
132322	1745.0	3.73	4.56	6.80
132572	1770.0	3.63	4.79	6.24

Spectrum Plot of Worst Value

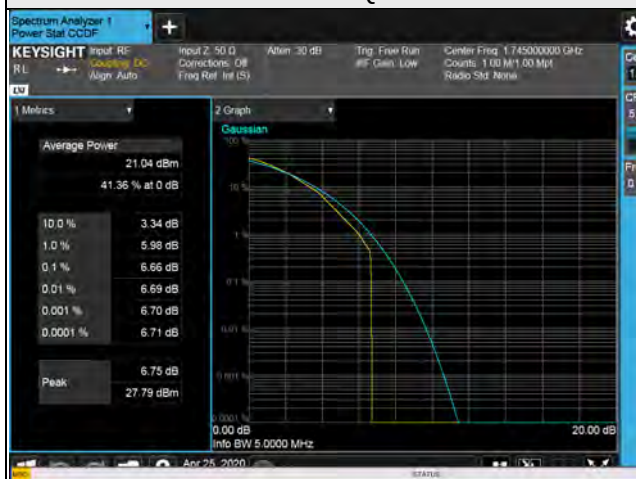
1.4MHz / 64QAM



3MHz / 64QAM



5MHz / 64QAM



10MHz / 64QAM



15MHz / 64QAM



20MHz / 64QAM

