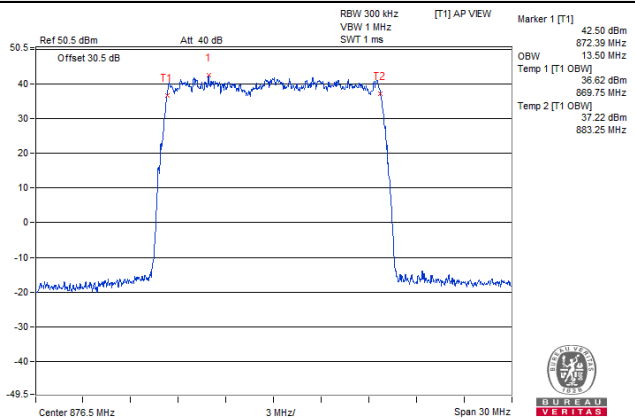
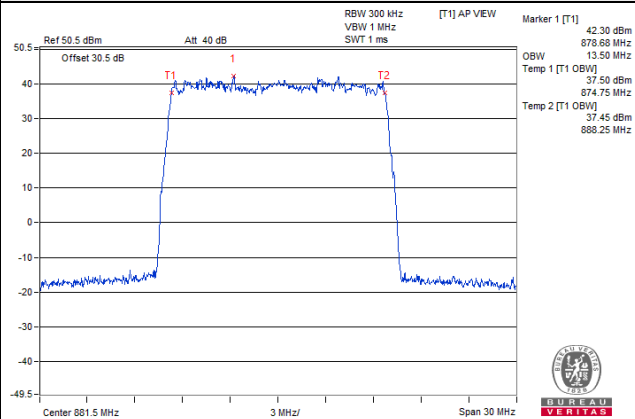


256QAM

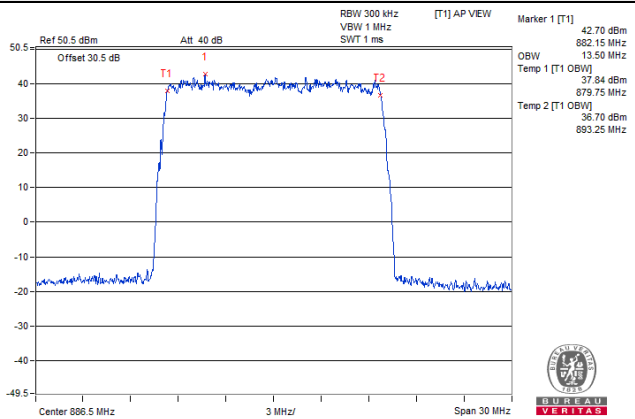
Channel: 2475



Channel: 2525



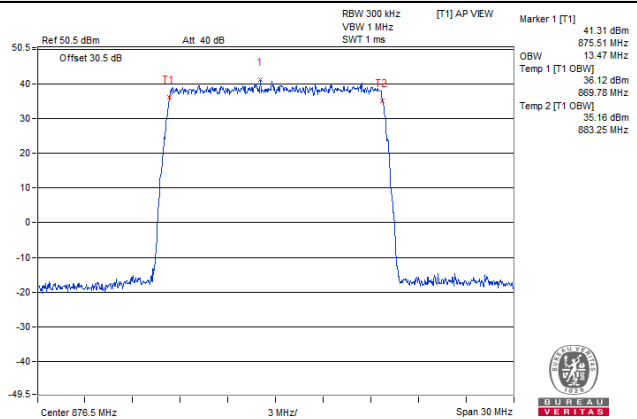
Channel: 2575



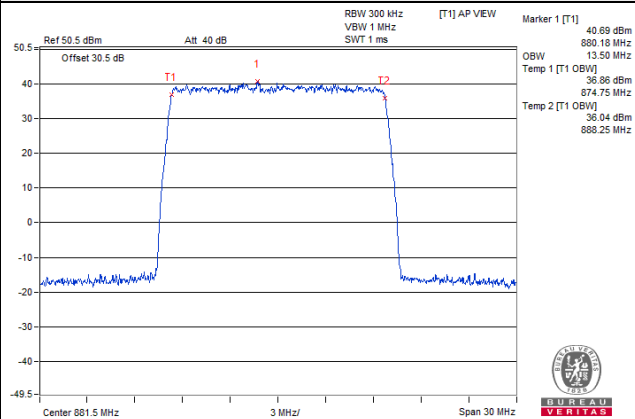
Chain 1

Spectrum Plot of Worst Value
Occupied Bandwidth
QPSK

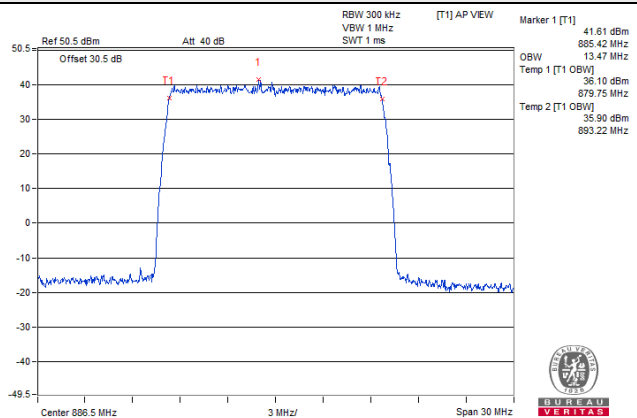
Channel: 2475



Channel: 2525

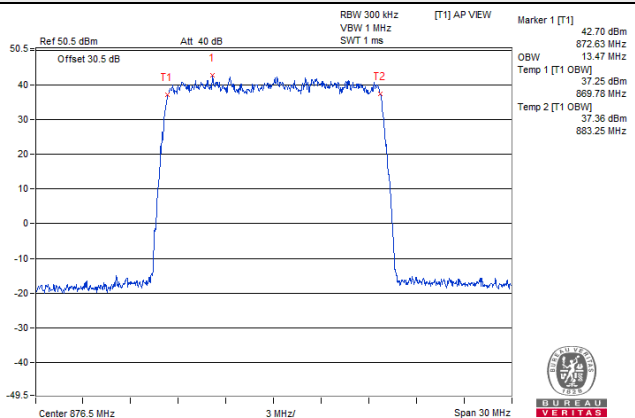


Channel: 2575

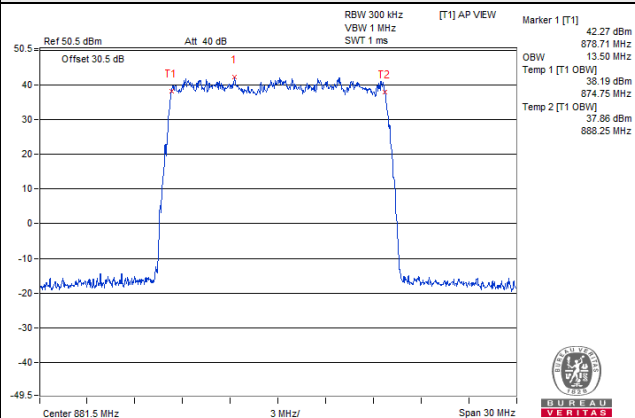


16QAM

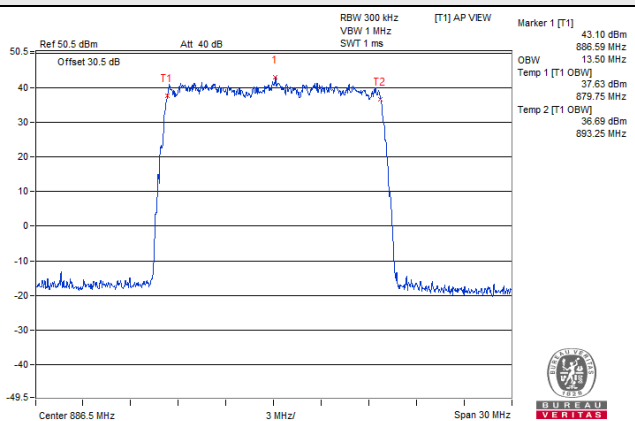
Channel: 2475



Channel: 2525

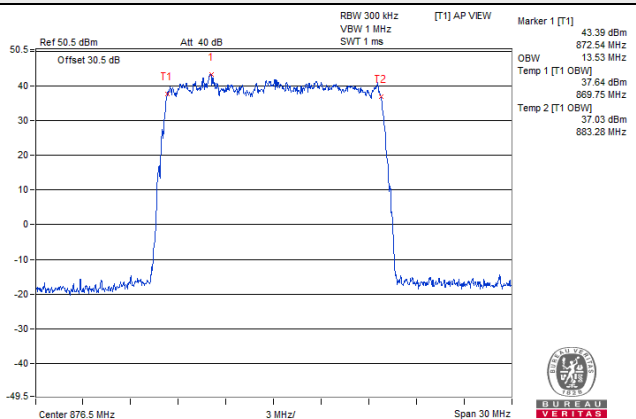


Channel: 2575

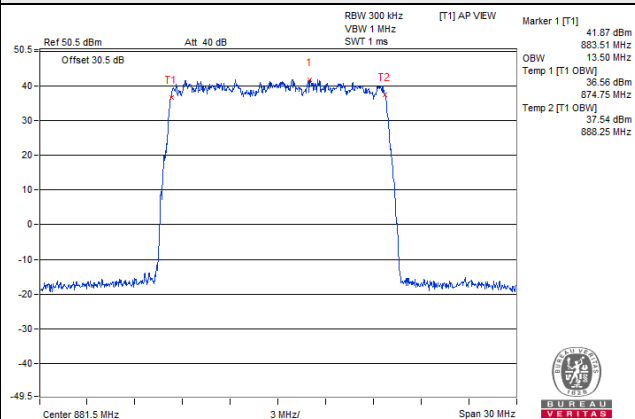


64QAM

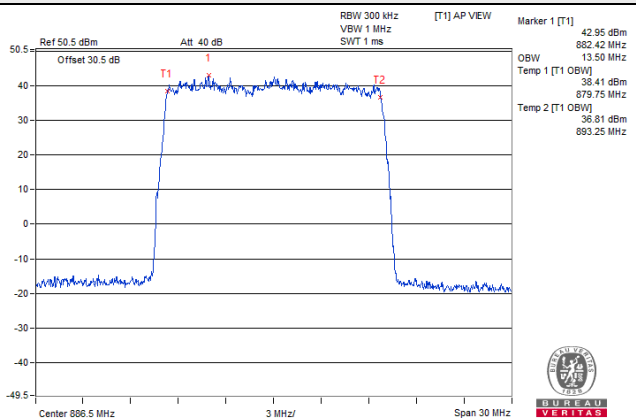
Channel: 2475



Channel: 2525

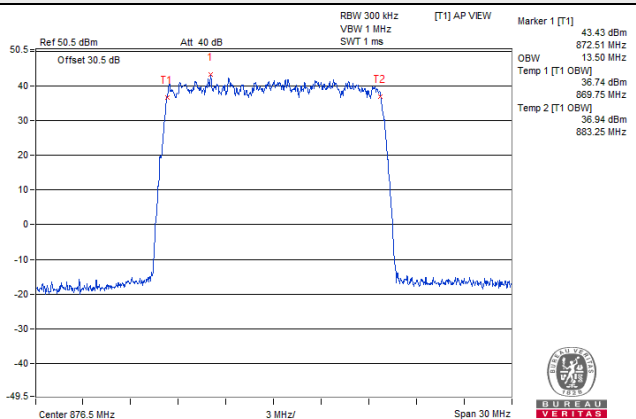


Channel: 2575

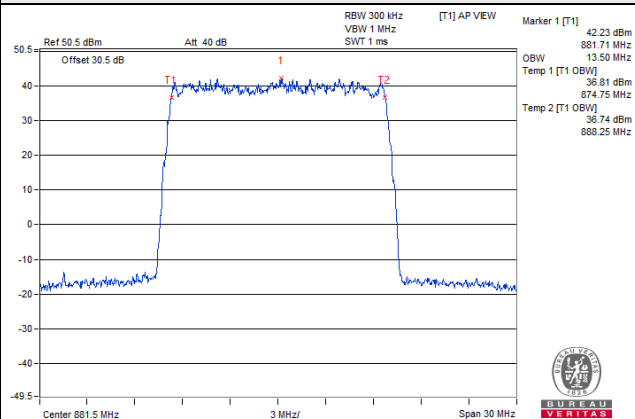


256QAM

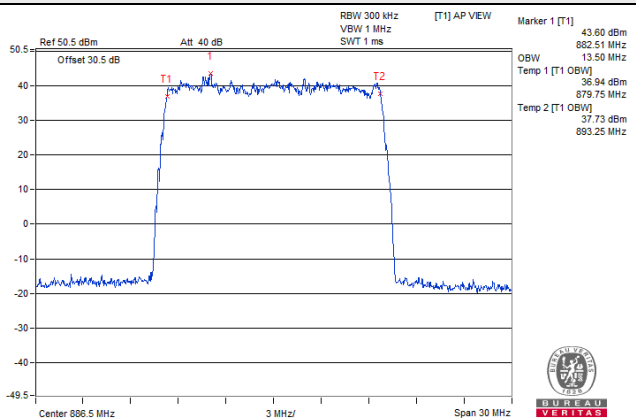
Channel: 2475



Channel: 2525



Channel: 2575



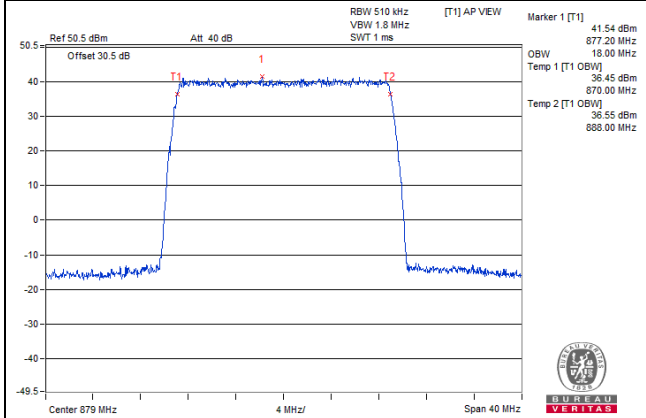
20MHz

Channel Number	Freq. (MHz)	OCP 99 BAND WIDTH (MHz)							
		Chain0				Chain1			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2500	879	18.00	18.08	18.04	18.12	18.00	18.08	18.04	18.04
2525	881.5	18.00	18.08	18.04	18.04	18.04	18.08	18.08	18.04
2550	884	18.00	18.08	18.08	18.08	18.00	18.04	18.04	18.04

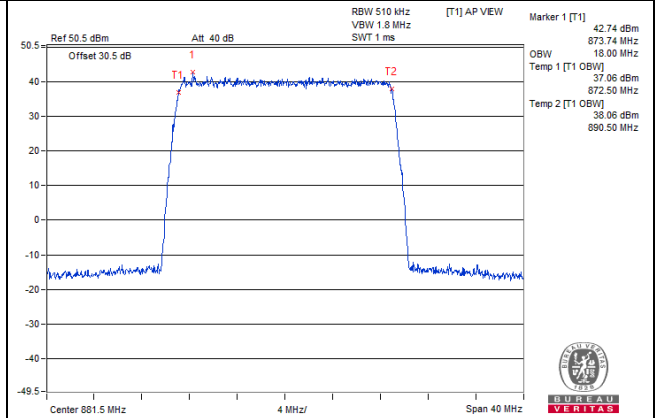
Chain 0

Spectrum Plot of Worst Value Occupied Bandwidth QPSK

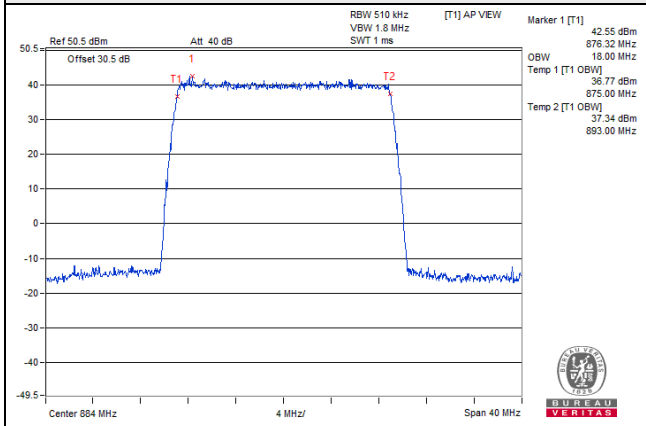
Channel: 2500



Channel: 2525

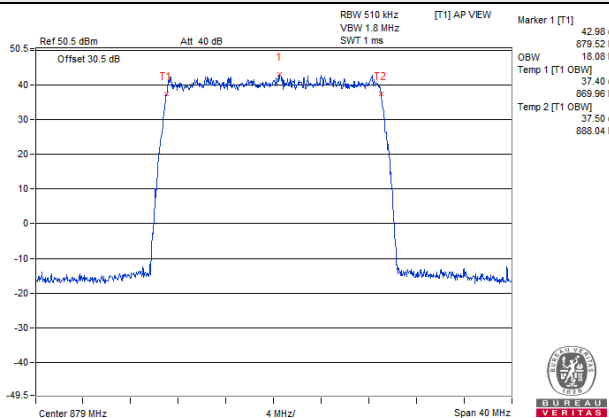


Channel: 2550

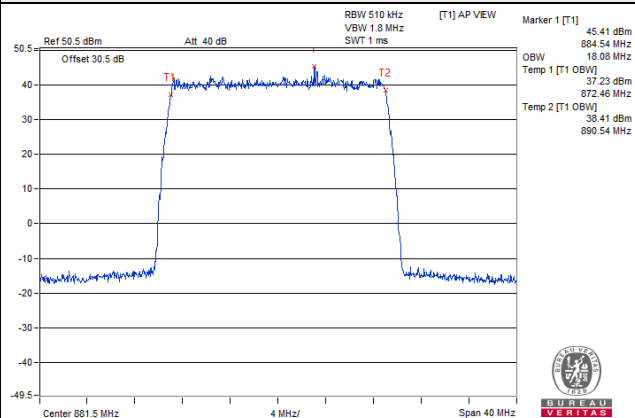


16QAM

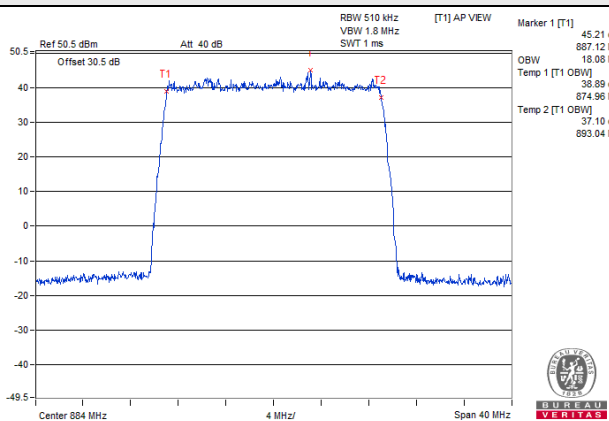
Channel: 2500



Channel: 2525

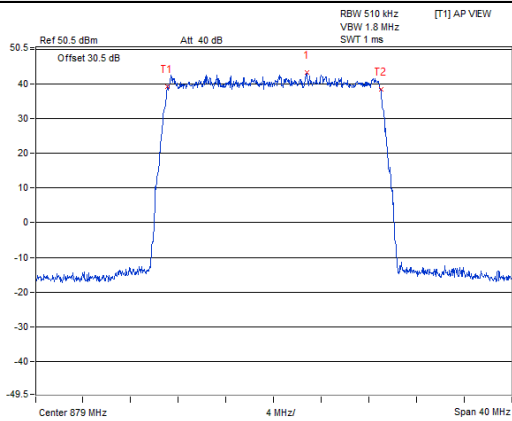


Channel: 2550

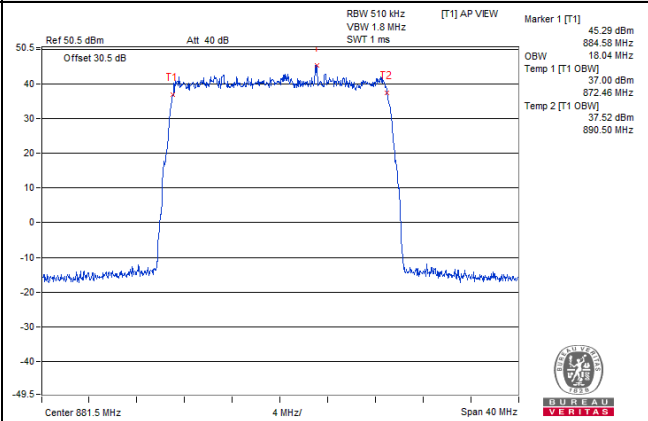


64QAM

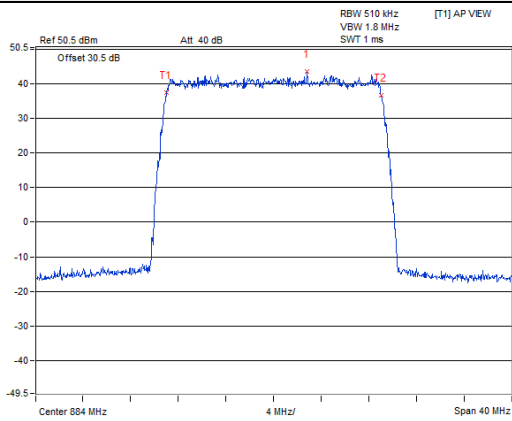
Channel: 2500



Channel: 2525

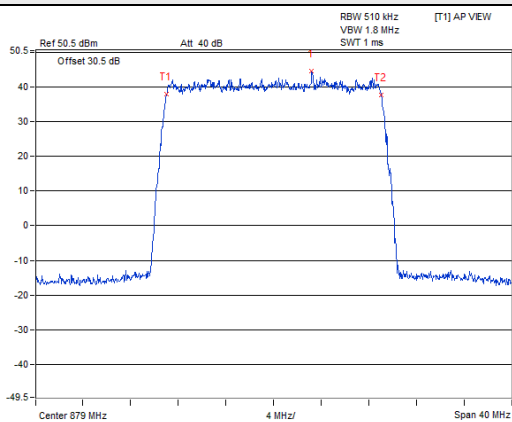


Channel:2550

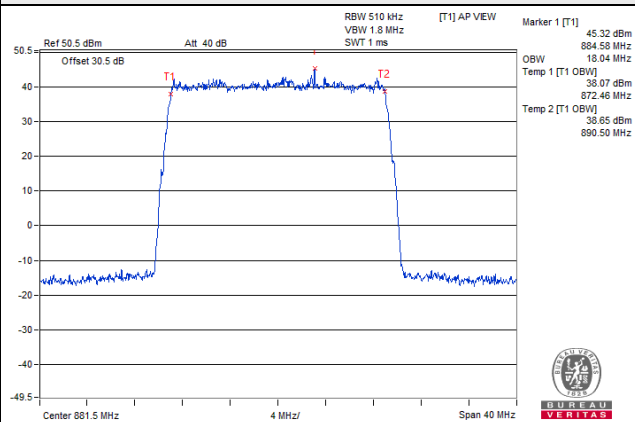


256QAM

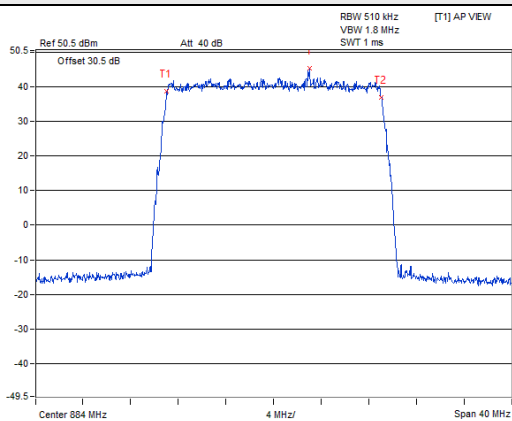
Channel: 2500



Channel: 2525



Channel: 2550



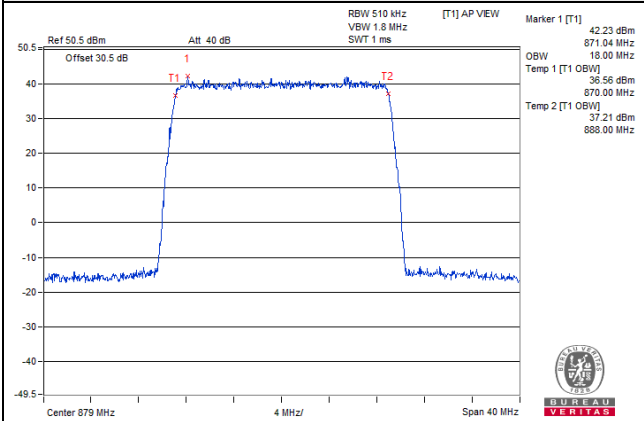
Chain 1

Spectrum Plot of Worst Value

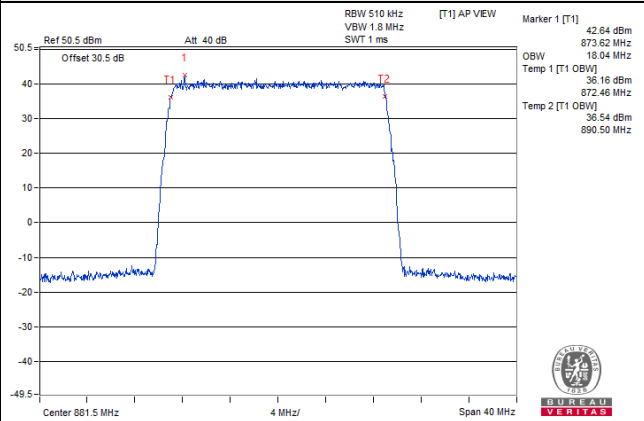
Occupied Bandwidth

QPSK

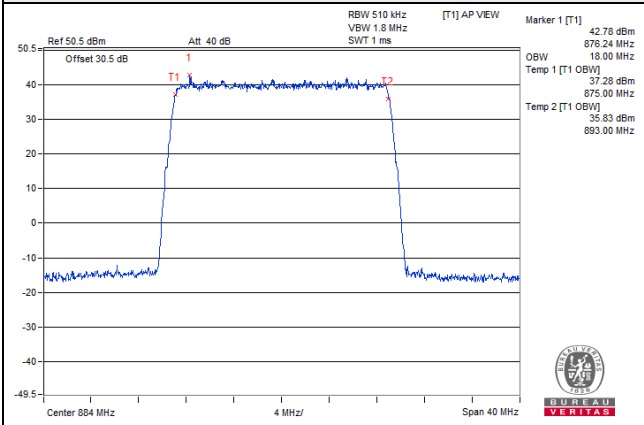
Channel: 2500



Channel: 2525

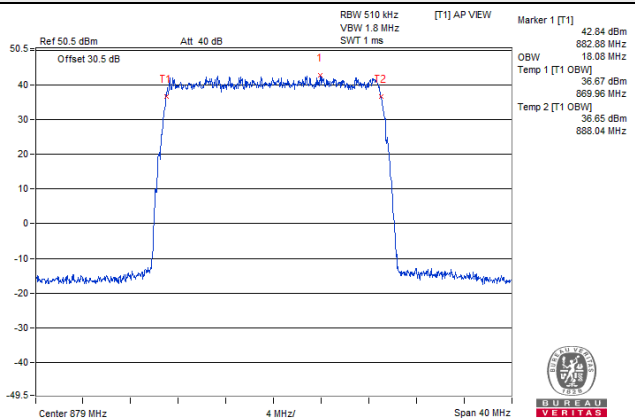


Channel: 2550

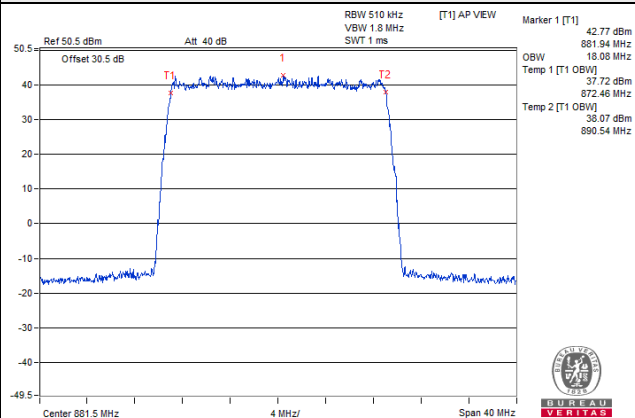


16QAM

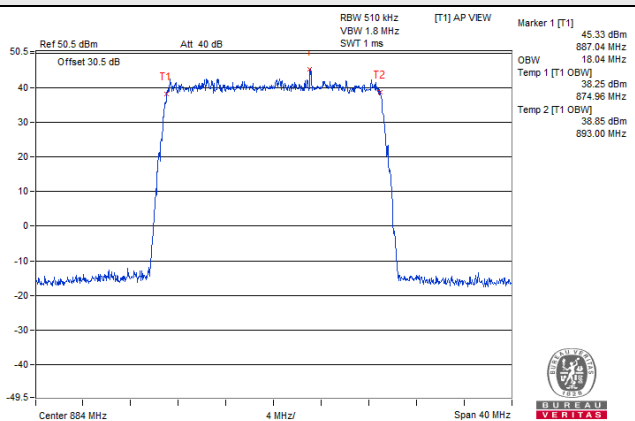
Channel: 2500



Channel: 2525

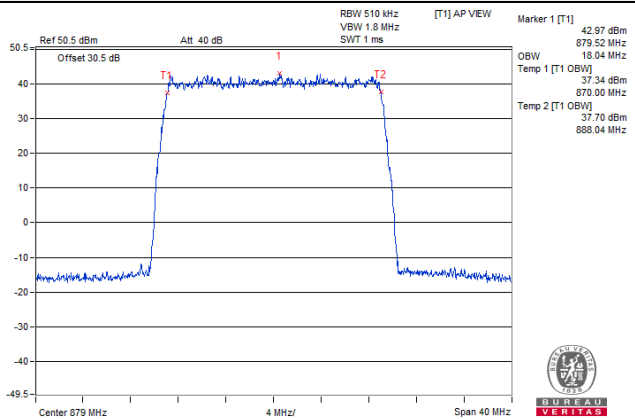


Channel:2550

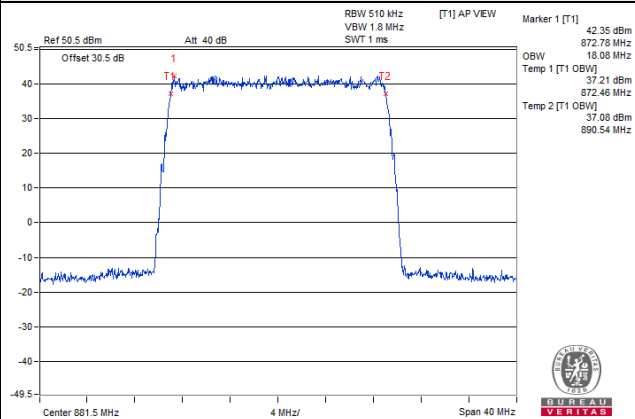


64QAM

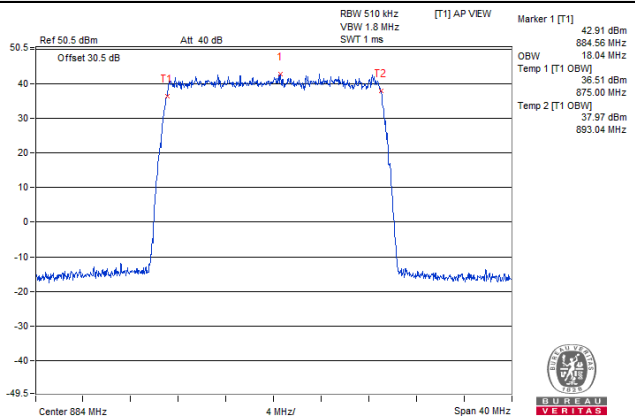
Channel: 2500



Channel: 2525

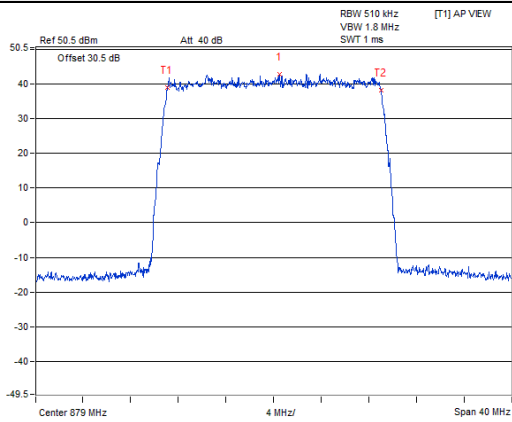


Channel: 2550

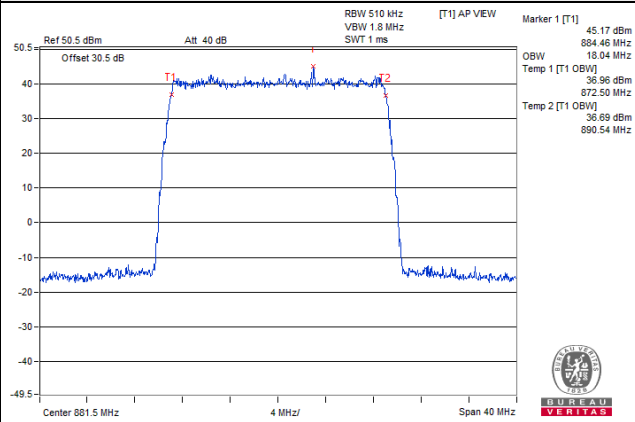


256QAM

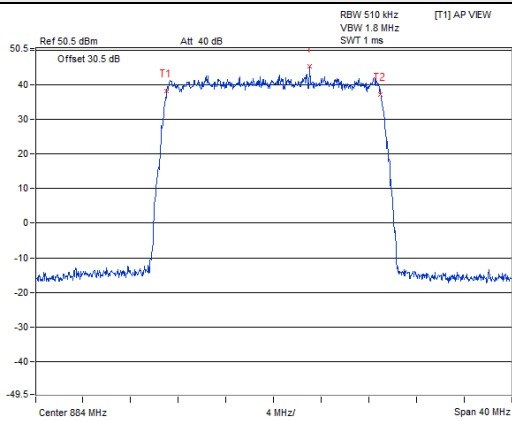
Channel: 2500



Channel: 2525



Channel: 2550



CA Contiguous
5MHz+5MHz

Channel Number	Freq. (MHz)	OCP 99 BAND WIDTH (MHz)							
		Chain0				Chain1			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2425+2475	871.5+876.5	9.48	9.48	9.46	9.46	9.48	9.48	9.46	9.48
2500+2550	879+884	9.44	9.46	9.48	9.48	9.46	9.46	9.48	9.48
2575+2625	886.5+891.5	9.46	9.46	9.48	9.50	9.46	9.46	9.44	9.50

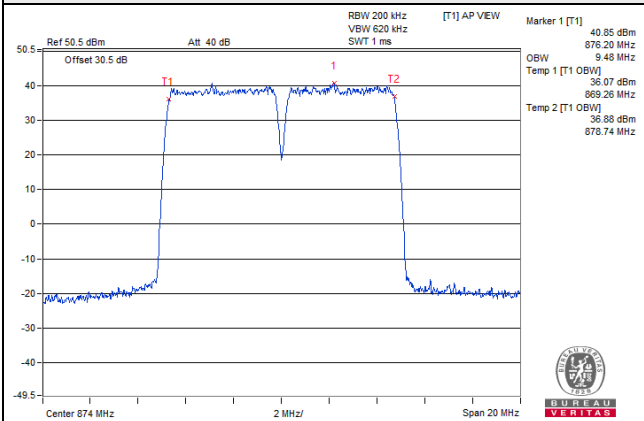
Chain 0

Spectrum Plot of Worst Value

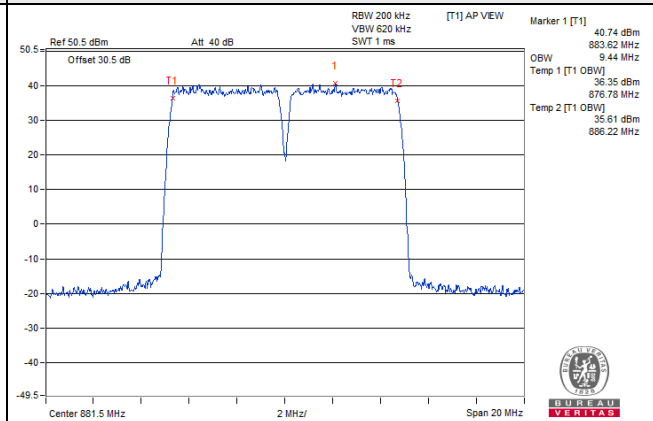
Occupied Bandwidth

QPSK

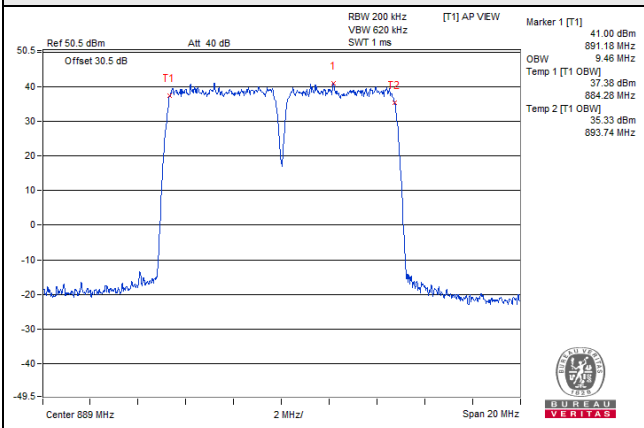
Channel: 2425+2475



Channel: 2500+2550



Channel: 2575+2625

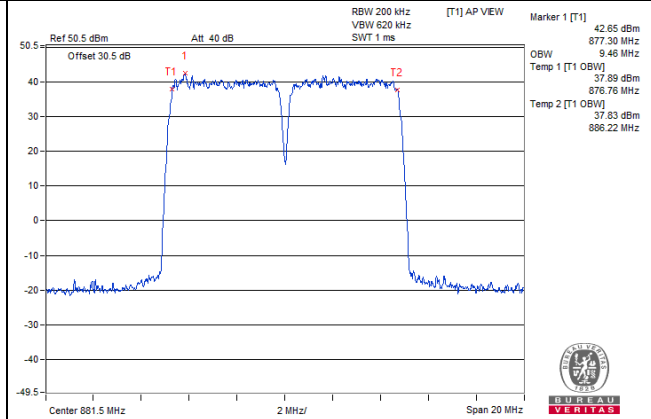
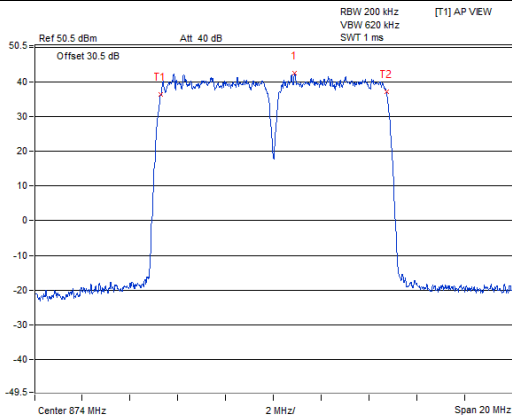


Spectrum Plot of Worst Value
Occupied Bandwidth

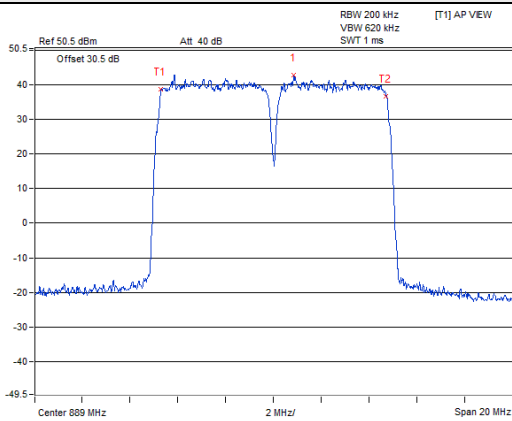
16QAM

Channel: 2425+2475

Channel: 2500+2550



Channel: 2575+2625

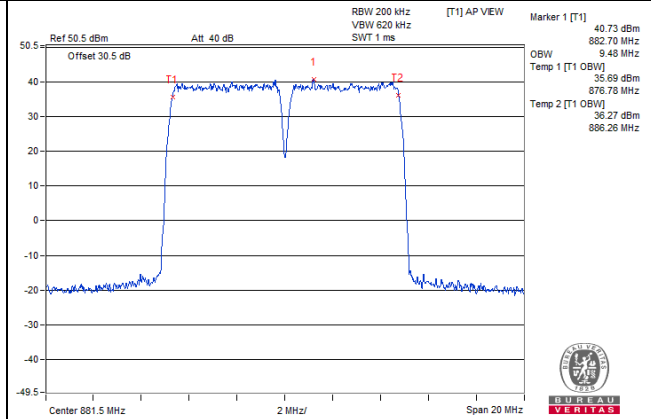
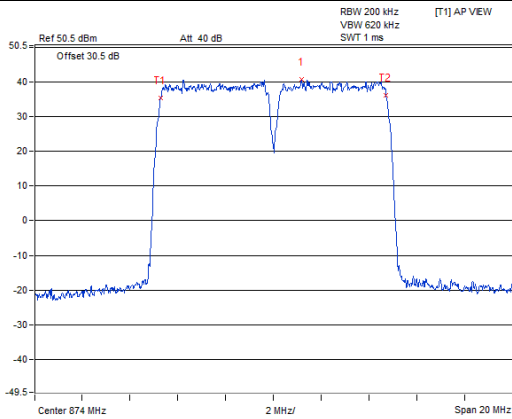


Spectrum Plot of Worst Value
Occupied Bandwidth

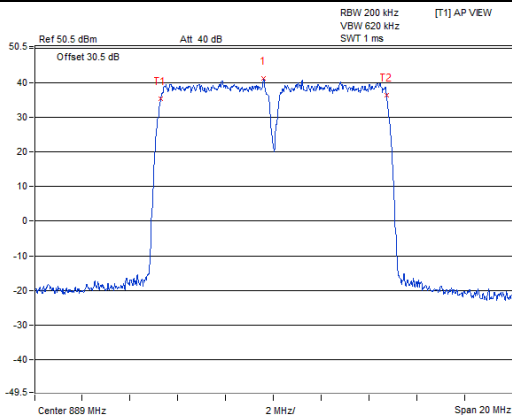
64QAM

Channel: 2425+2475

Channel: 2500+2550



Channel: 2575+2625

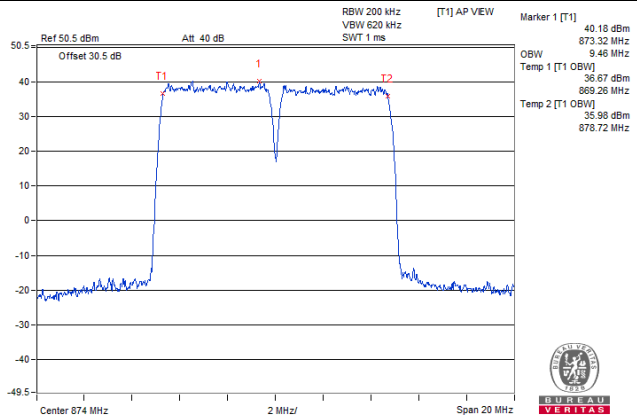


Spectrum Plot of Worst Value

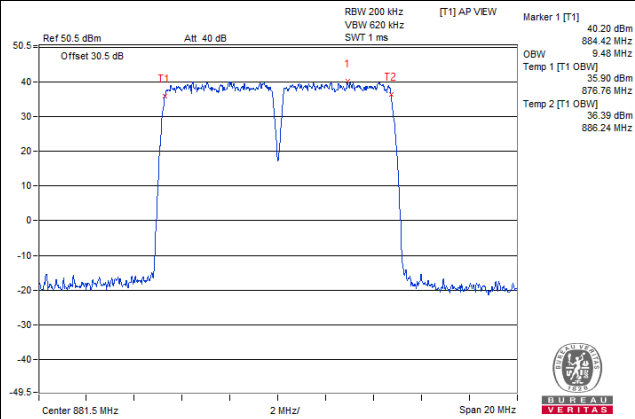
Occupied Bandwidth

256QAM

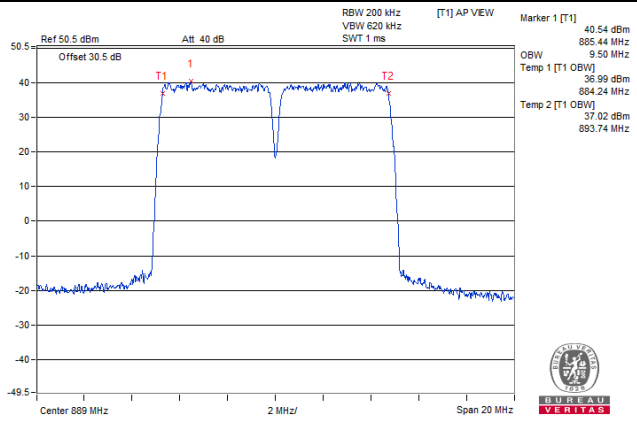
Channel: 2425+2475



Channel: 2500+2550



Channel: 2575+2625



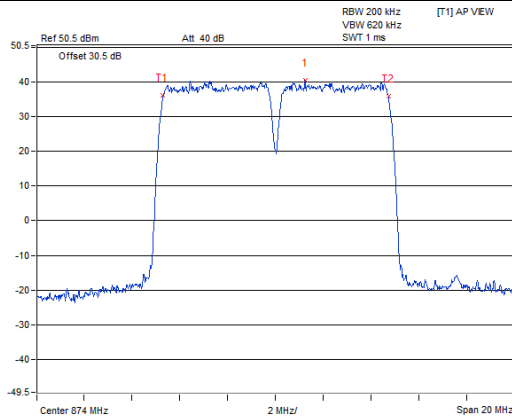
Chain 1

Spectrum Plot of Worst Value

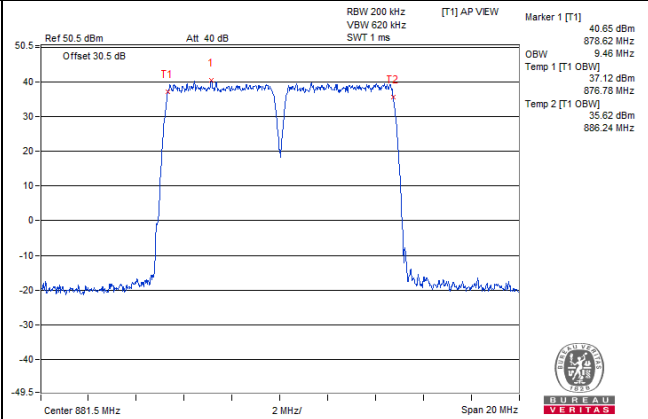
Occupied Bandwidth

QPSK

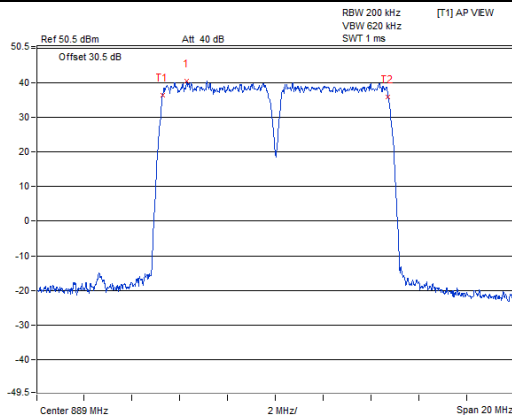
Channel: 2425+2475



Channel: 2500+2550

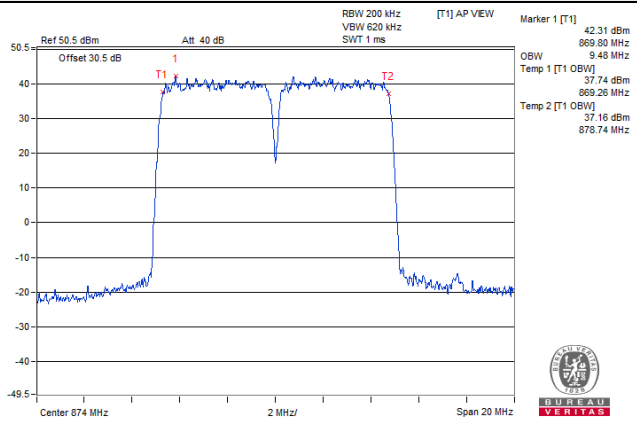


Channel: 2575+2625

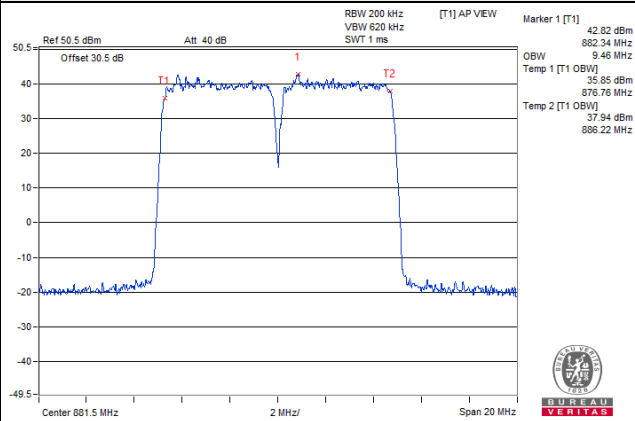


Spectrum Plot of Worst Value
Occupied Bandwidth
16QAM

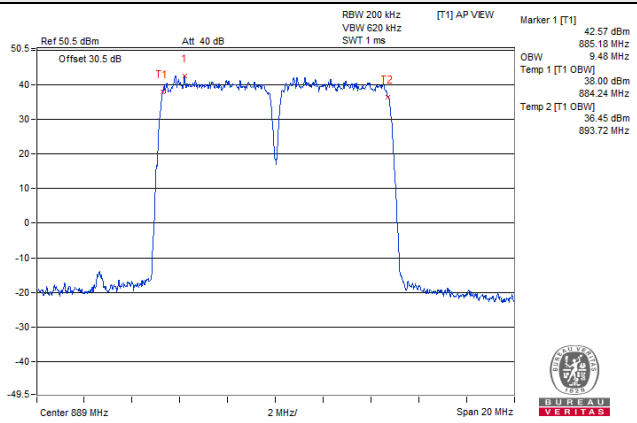
Channel: 2425+2475



Channel: 2500+2550



Channel: 2575+2625

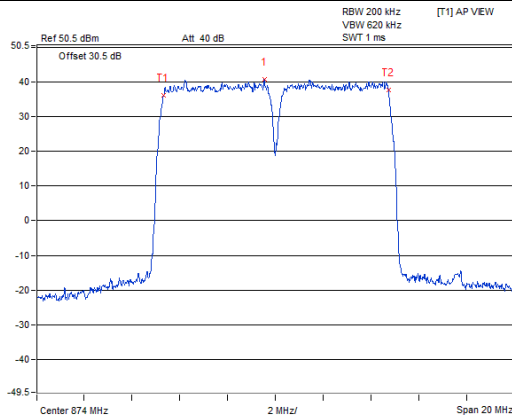


Spectrum Plot of Worst Value

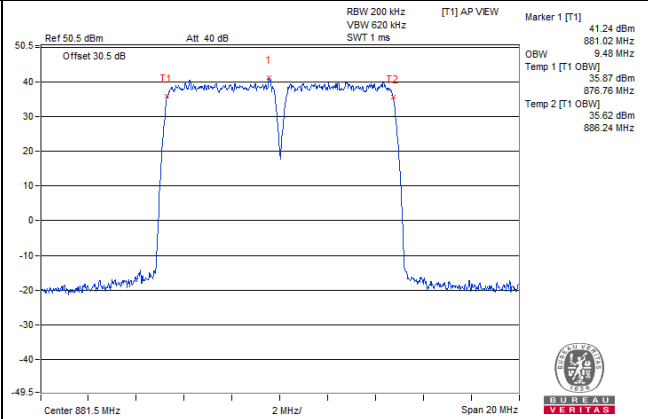
Occupied Bandwidth

64QAM

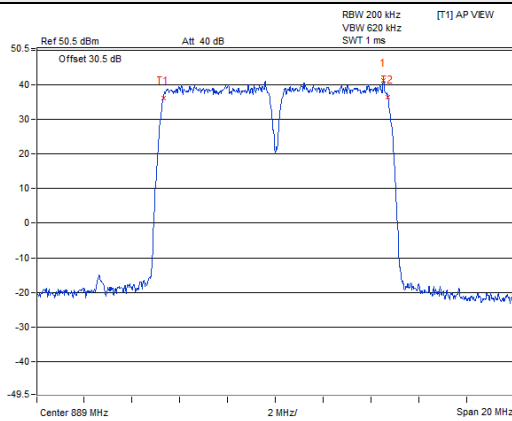
Channel: 2425+2475



Channel: 2500+2550

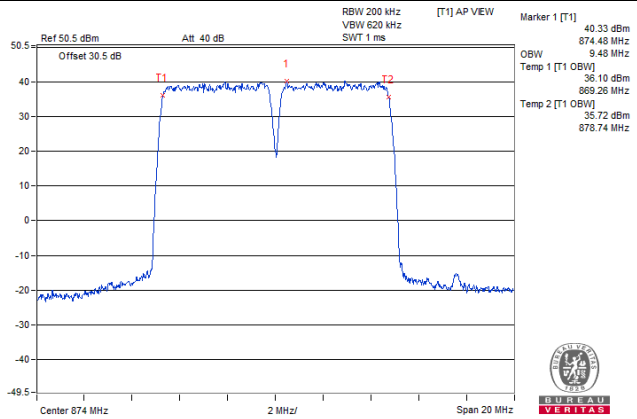


Channel: 2575+2625

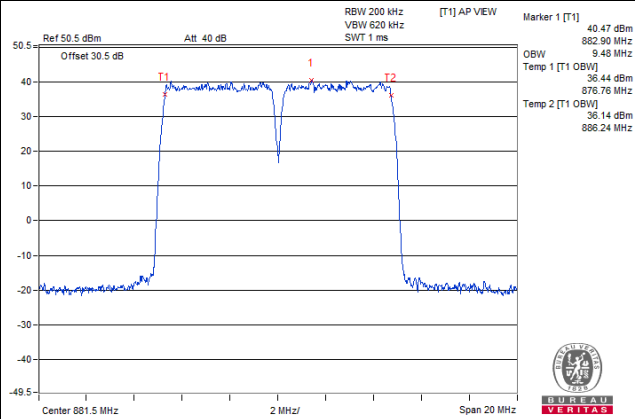


**Spectrum Plot of Worst Value
Occupied Bandwidth
256QAM**

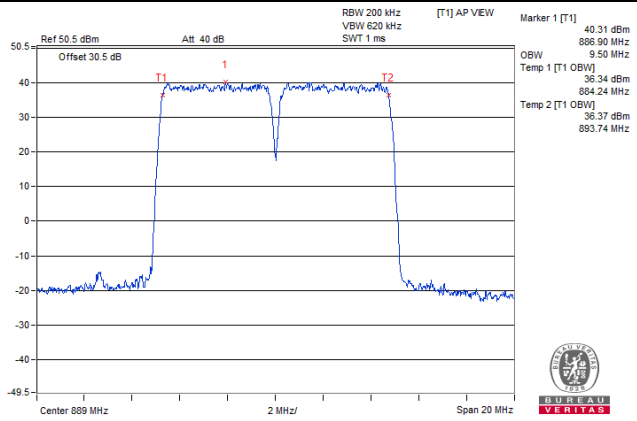
Channel: 2425+2475



Channel: 2500+2550



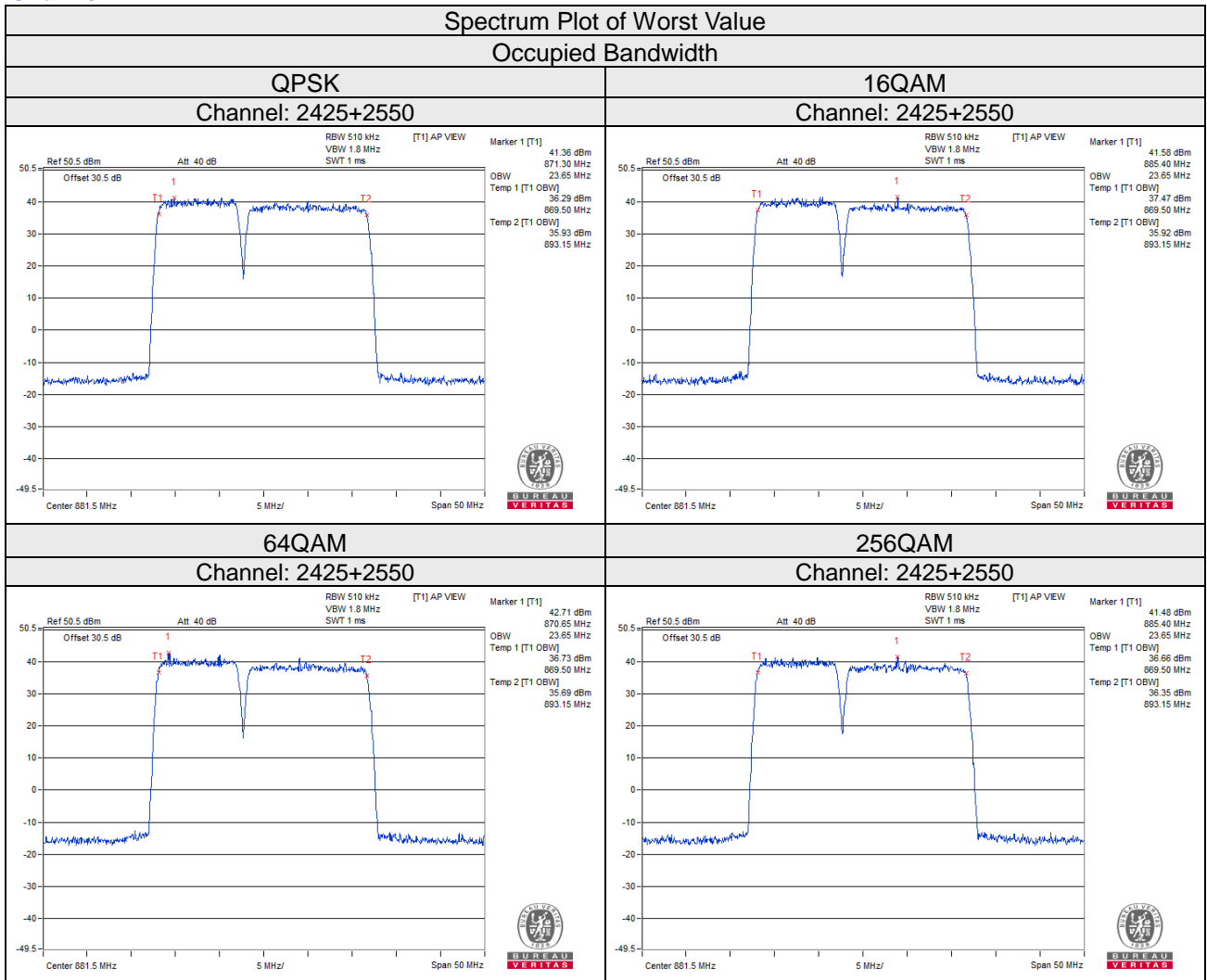
Channel: 2575+2625



5MHz+20MHz

Channel Number	Freq. (MHz)	OCP 99 BAND WIDTH (MHz)							
		Chain0				Chain1			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2425+2550	871.5+884	23.65	23.65	23.65	23.65	23.70	23.70	23.65	23.65

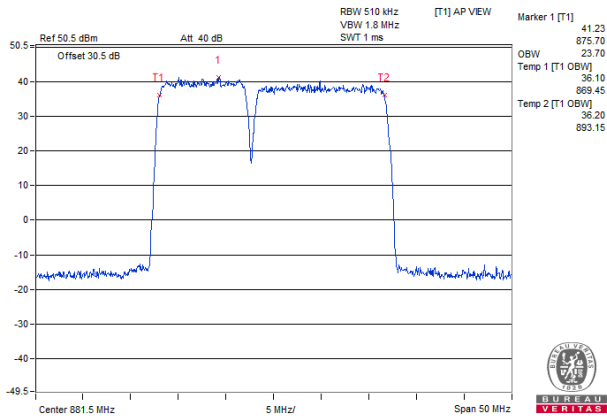
Chain 0



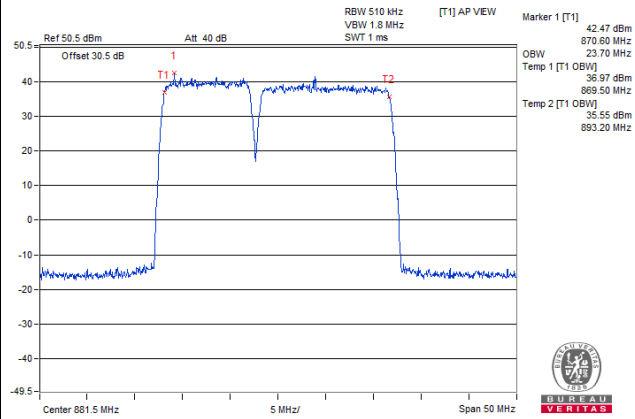
Chain 1

Spectrum Plot of Worst Value
Occupied Bandwidth

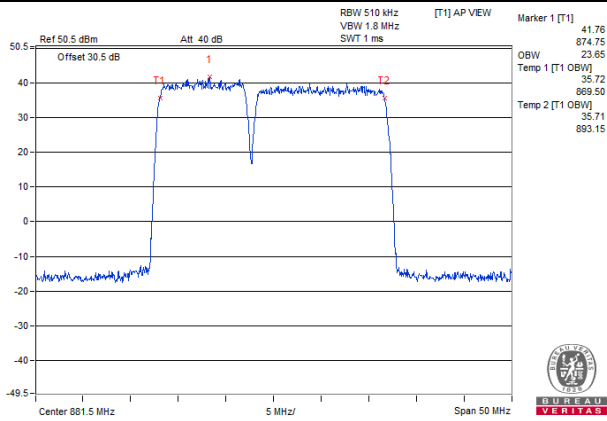
QPSK
Channel: 2425+2550



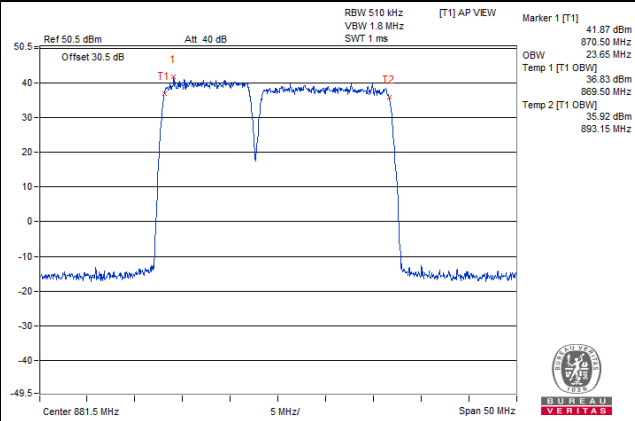
16QAM
Channel: 2425+2550



64QAM
Channel: 2425+2550



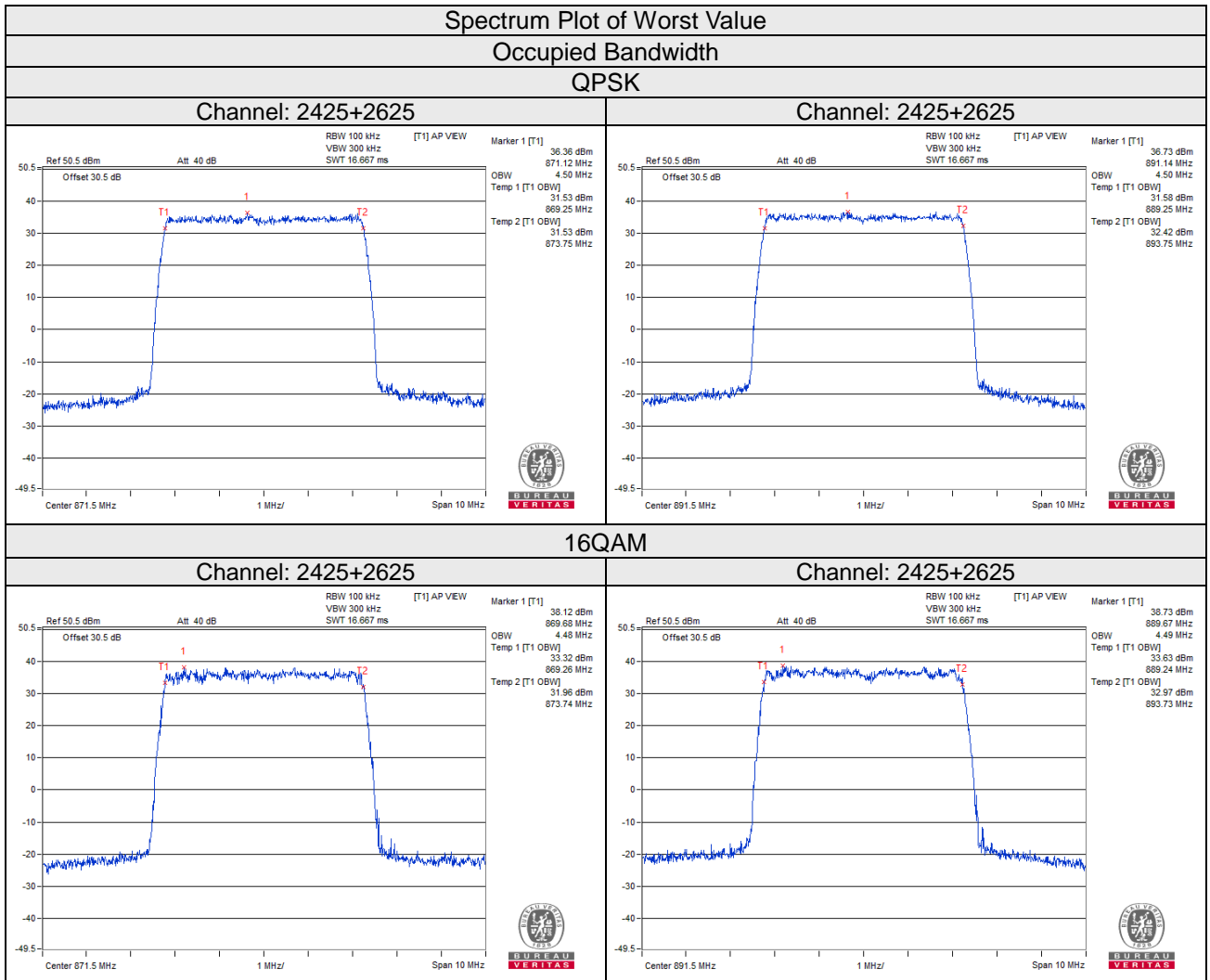
256QAM
Channel: 2425+2550



**CA-NC Non-Contiguous
5MHz+5MHz**

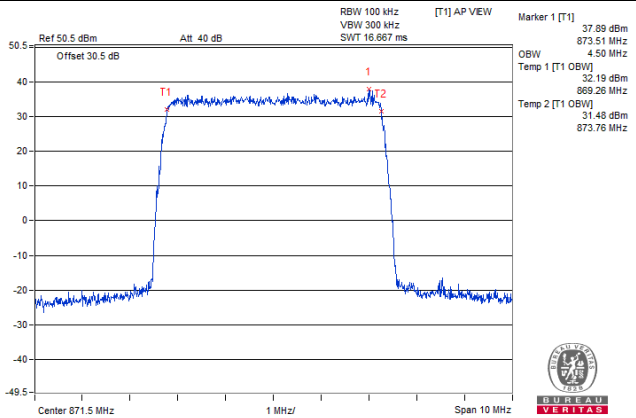
Channel Number	Freq. (MHz)	OCP 99 BAND WIDTH (MHz)							
		Chain0							
		CC0				CC1			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2425+2625	871.5+891.5	4.50	4.48	4.50	4.50	4.50	4.49	4.50	4.51
Channel Number	Freq. (MHz)	CC0+CC1 Total							
		QPSK	16QAM	64QAM	256QAM				
2425+2625	871.5+891.5	9.00	8.97	9.00	9.01				

Chain 0

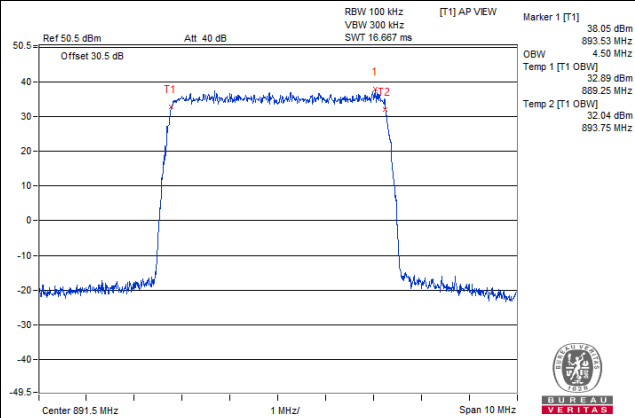


64QAM

Channel: 2425+2625

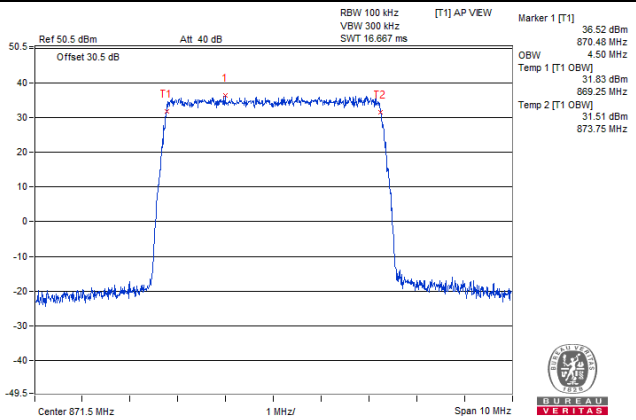


Channel: 2425+2625

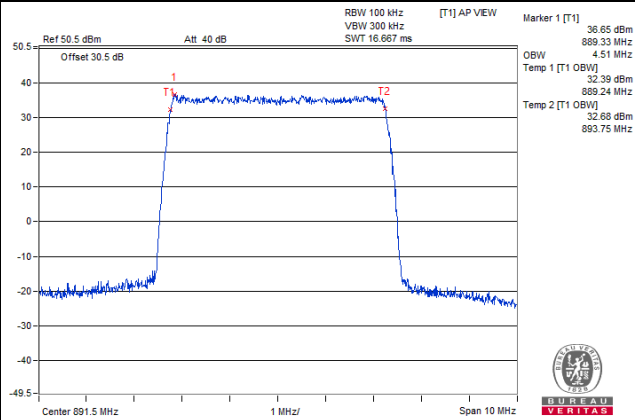


256QAM

Channel: 2425+2625



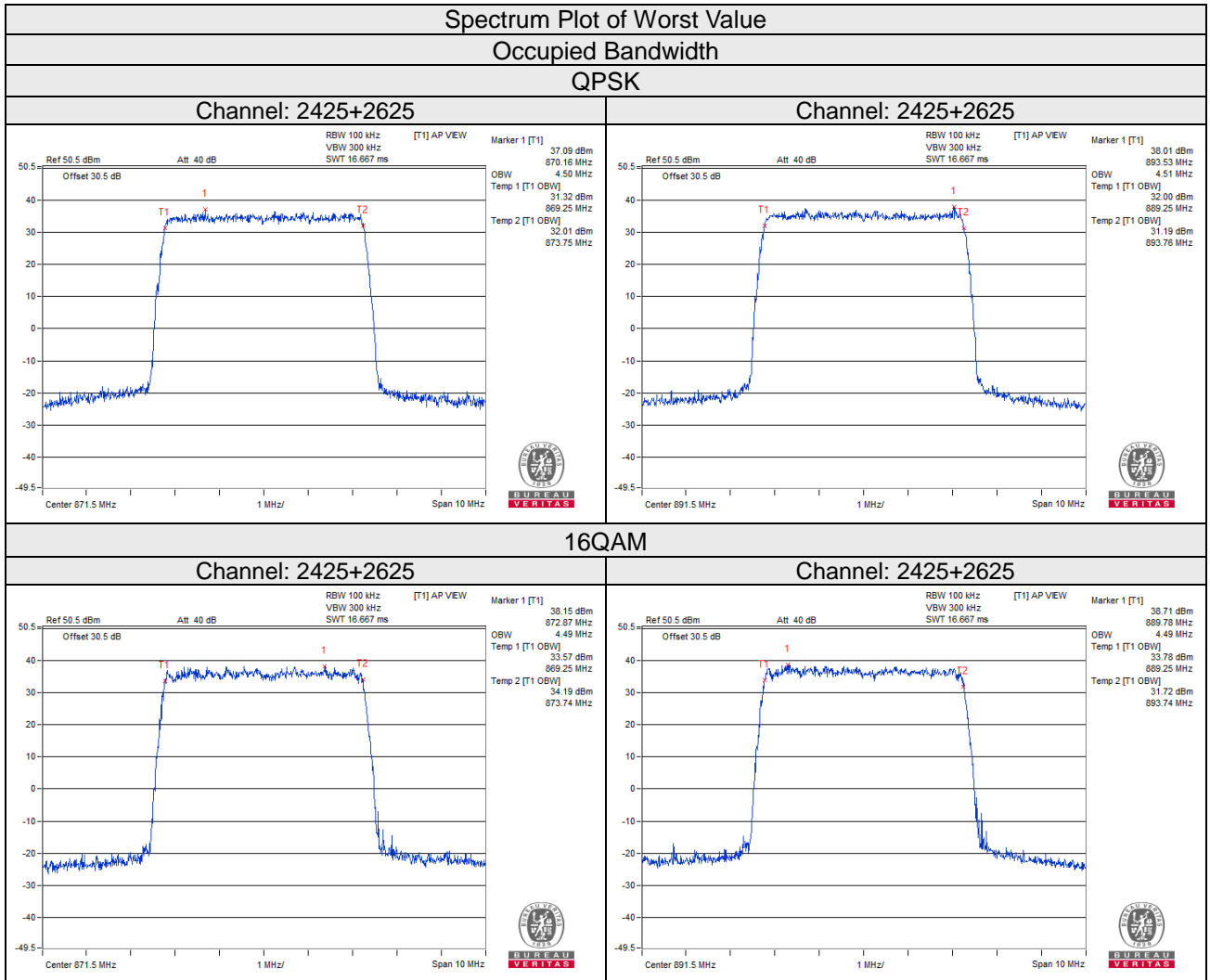
Channel: 2425+2625



5MHz+5MHz

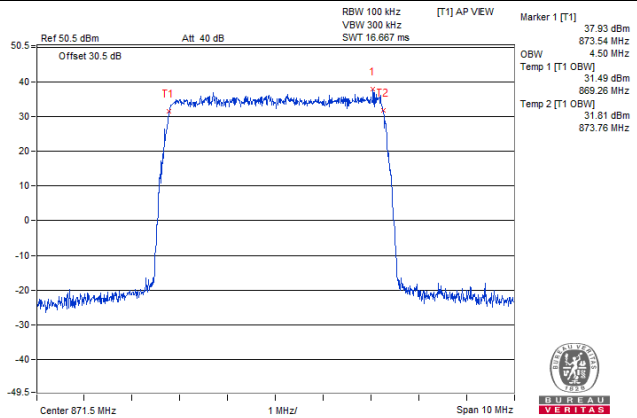
Channel Number	Freq. (MHz)	OCP 99 BAND WIDTH (MHz)							
		Chain1							
		CC0				CC1			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2425+2625	871.5+891.5	4.50	4.49	4.50	4.51	4.51	4.49	4.50	4.51
Channel Number	Freq. (MHz)	CC0+CC1 Total							
		QPSK	16QAM	64QAM	256QAM				
2425+2625	871.5+891.5	9.01	8.98	9.00	9.02				

Chain 1

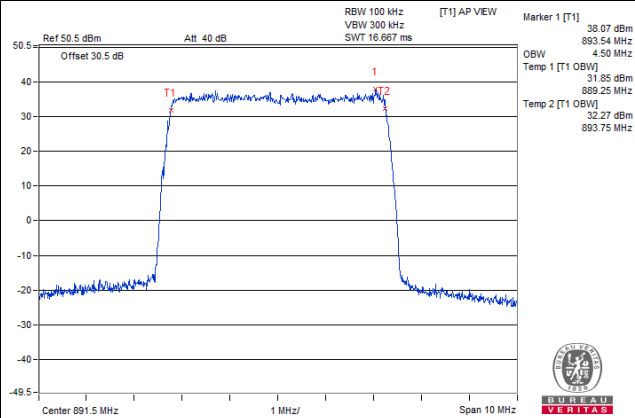


64QAM

Channel: 2425+2625

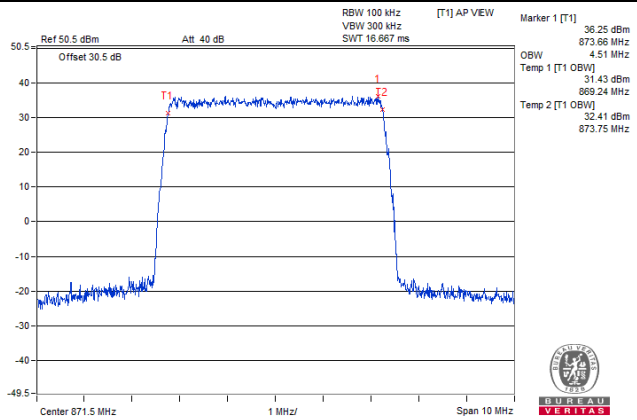


Channel: 2425+2625

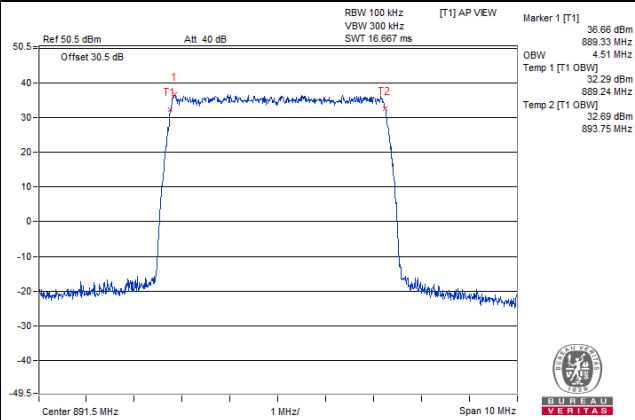


256QAM

Channel: 2425+2625



Channel: 2425+2625



10MHz+10MHz

Channel Number	Freq. (MHz)	OCP 99 BAND WIDTH (MHz)							
		Chain0							
		CC0				CC1			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2450+2600	874+889	9.00	8.99	8.99	9.00	9.00	9.00	9.00	8.98
Channel Number	Freq. (MHz)	CC0+CC1 Total							
		QPSK	16QAM	64QAM	256QAM				
2450+2600	874+889	18.00	17.99	17.99	17.99				17.98

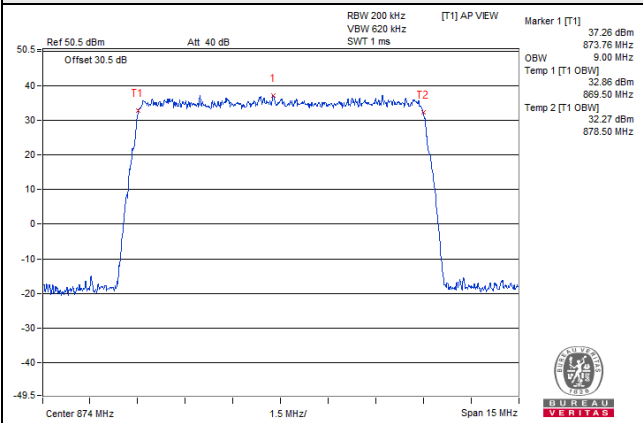
Chain 0

Spectrum Plot of Worst Value

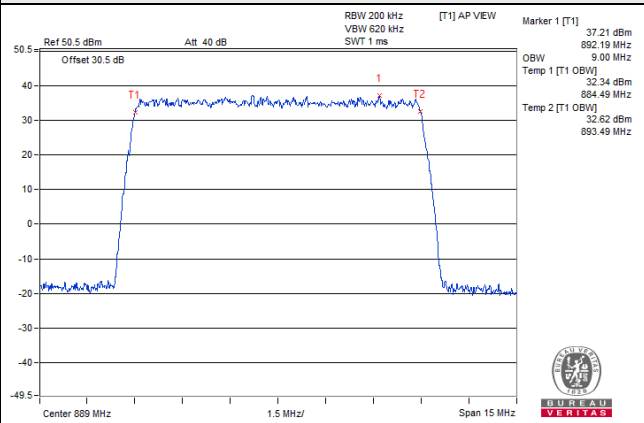
Occupied Bandwidth

QPSK

Channel: 2450+2600

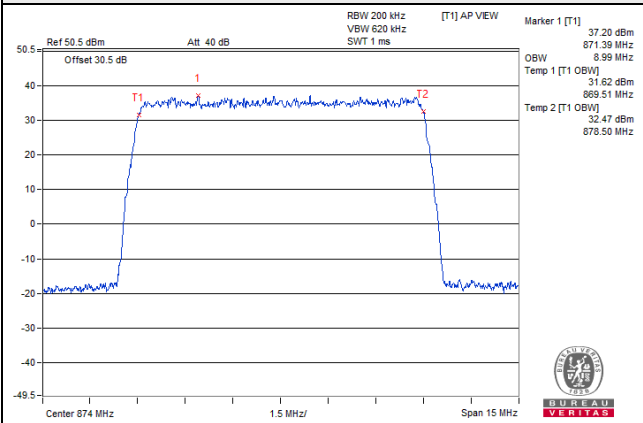


Channel: 2450+2600

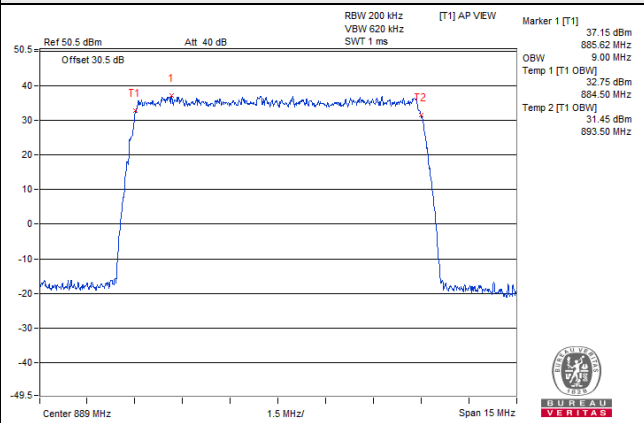


16QAM

Channel: 2450+2600

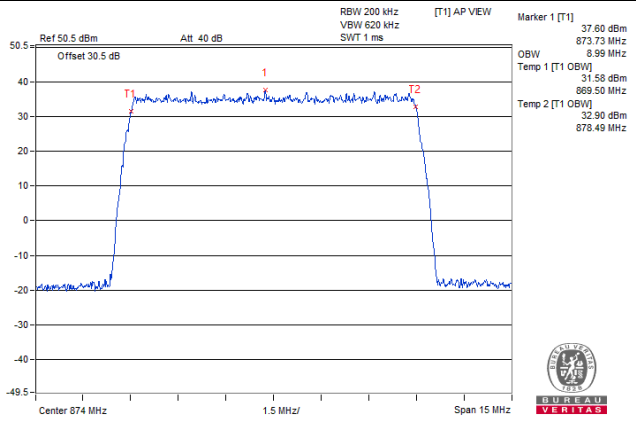


Channel: 2450+2600

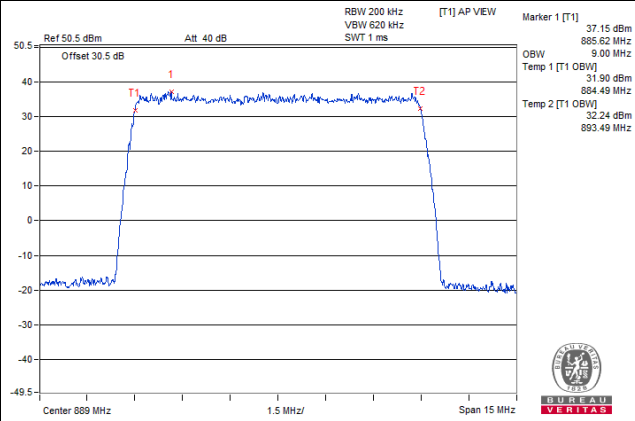


64QAM

Channel: 2450+2600

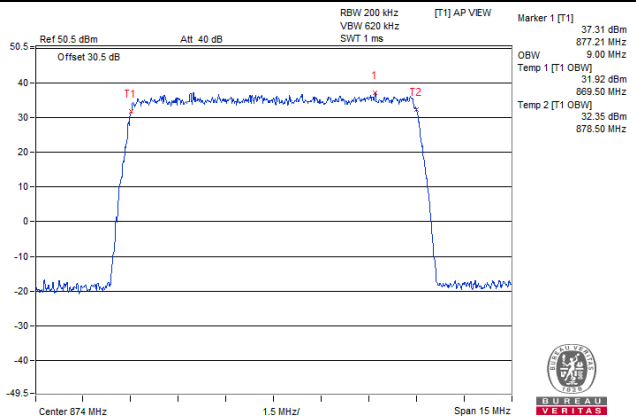


Channel: 2450+2600

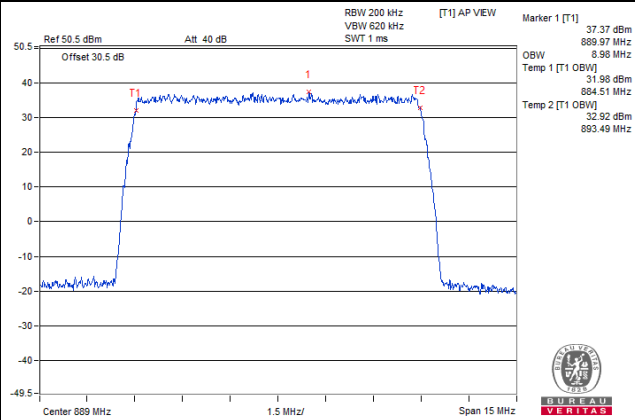


256QAM

Channel: 2450+2600



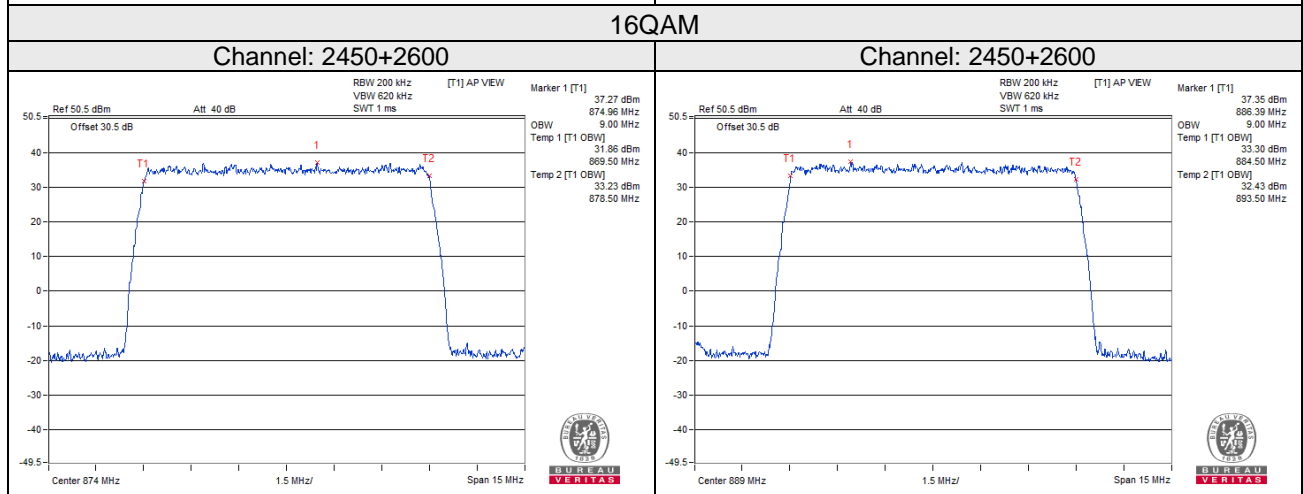
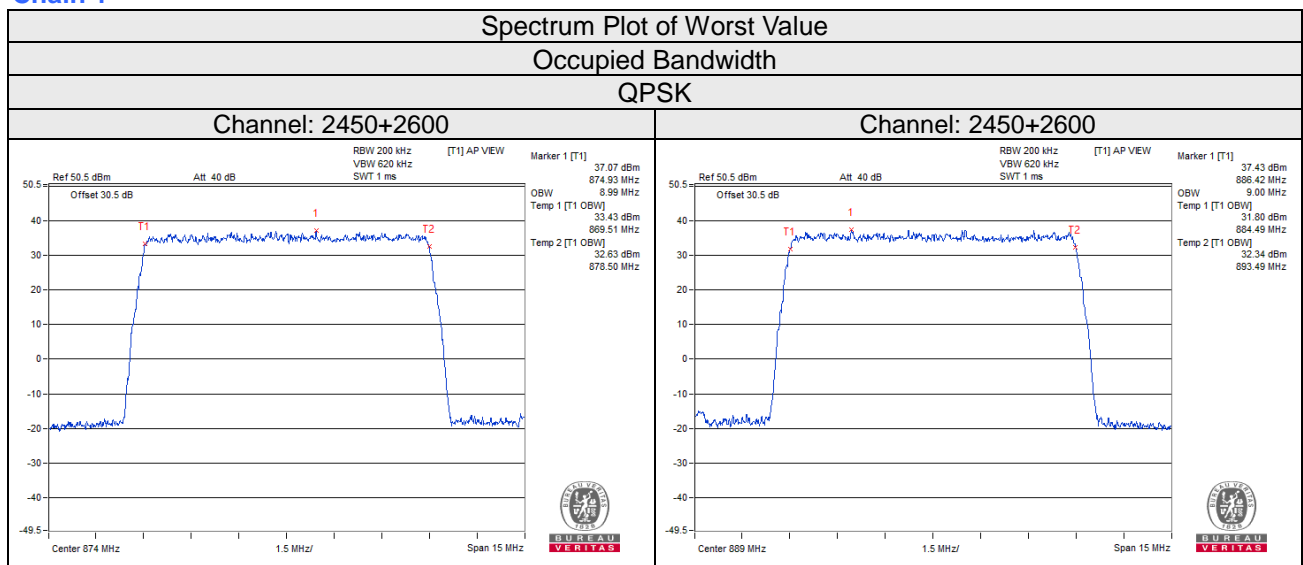
Channel: 2450+2600



10MHz+10MHz

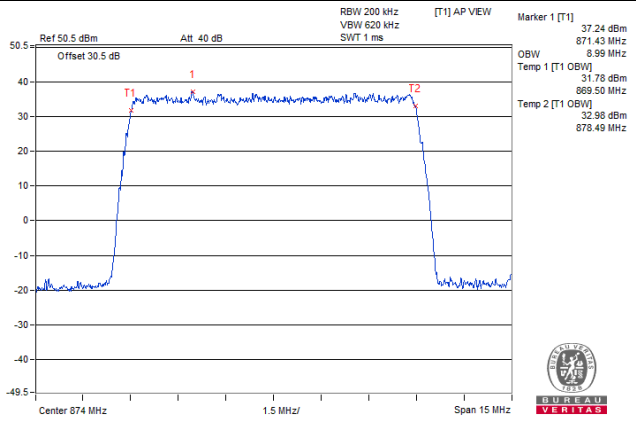
Channel Number	Freq. (MHz)	OCP 99 BAND WIDTH (MHz)							
		Chain1							
		CC0				CC1			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2450+2600	874+889	8.99	9.00	8.99	8.99	9.00	9.00	9.01	8.99
Channel Number	Freq. (MHz)	CC0+CC1 Total							
		QPSK	16QAM	64QAM	256QAM				
2450+2600	874+889	17.99	18.00	18.00	17.98				

Chain 1

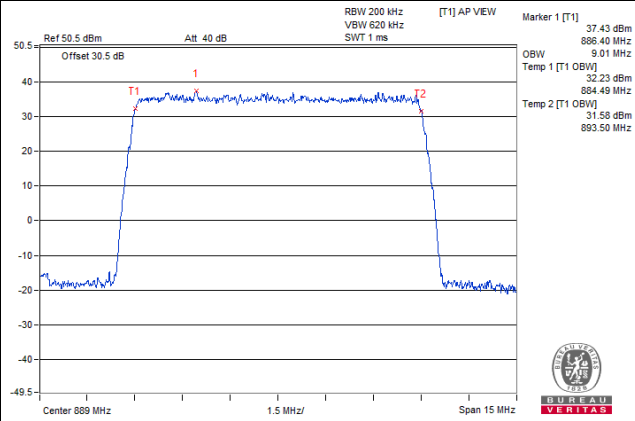


64QAM

Channel: 2450+2600

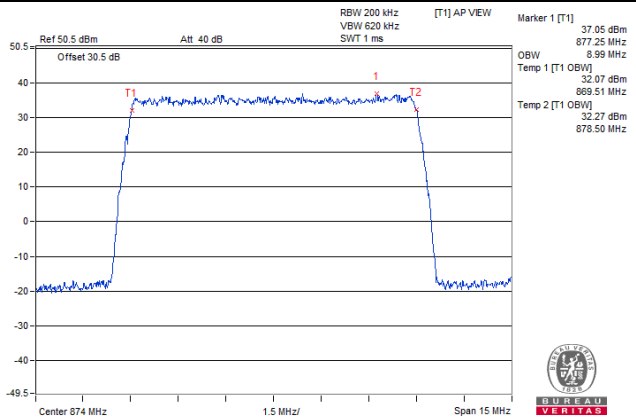


Channel: 2450+2600

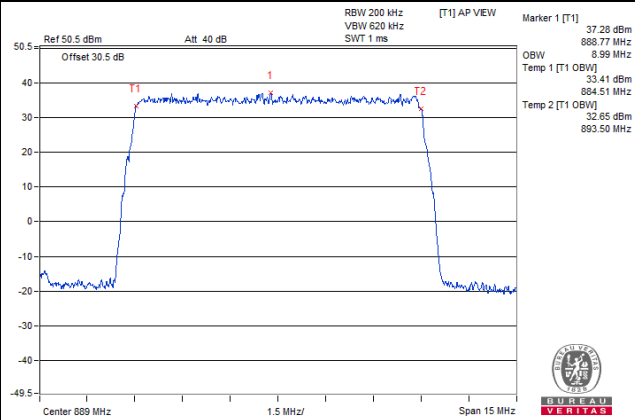


256QAM

Channel: 2450+2600



Channel: 2450+2600

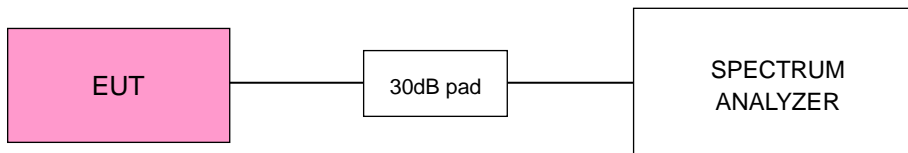


4.5 Channel Edge Measurement

4.5.1 Limits of Band Edge Measurement

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. In the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

4.5.2 Test Setup

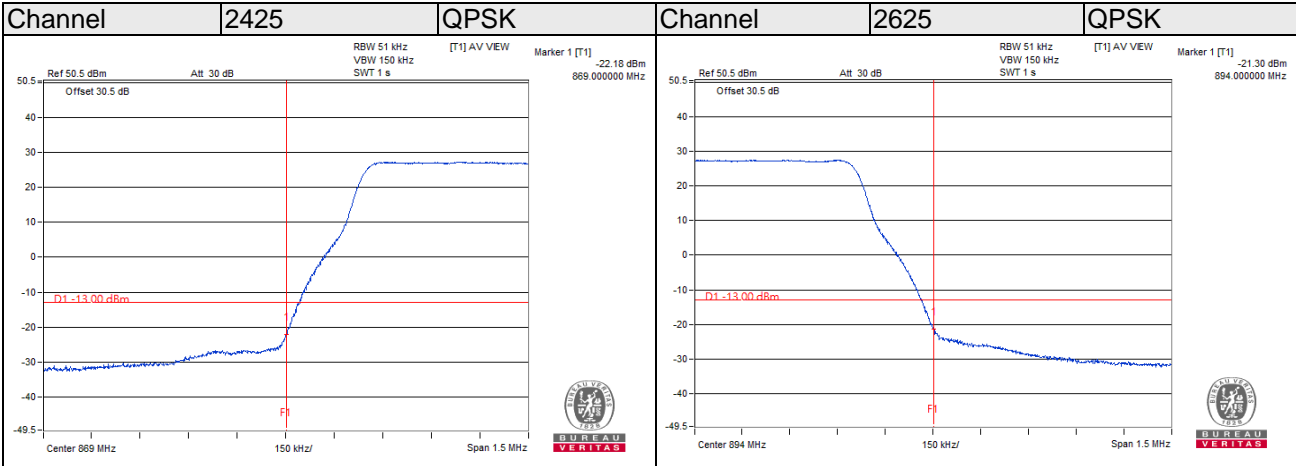


4.5.3 Test Procedures

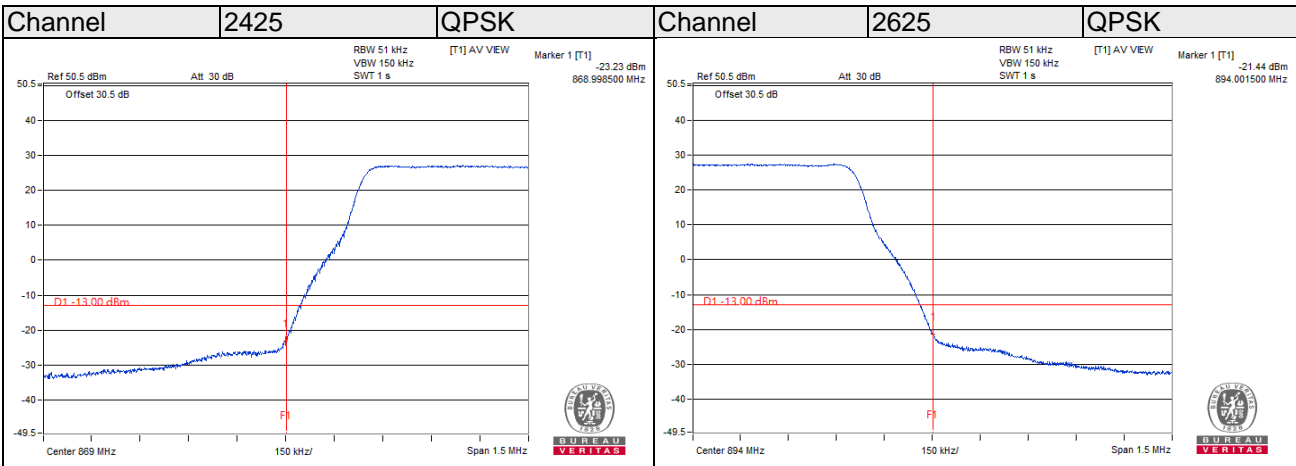
- All measurements were done at low and high operational frequency range.
- The center frequency of spectrum is the band edge frequency and s RB of the spectrum is $>1\%$ EMISSION BANDWIDTH and VB of the spectrum is $\geq 3*RB$, Detector=Average.
- Record the max trace plot into the test report.

4.5.4 Test Results Single Carrier

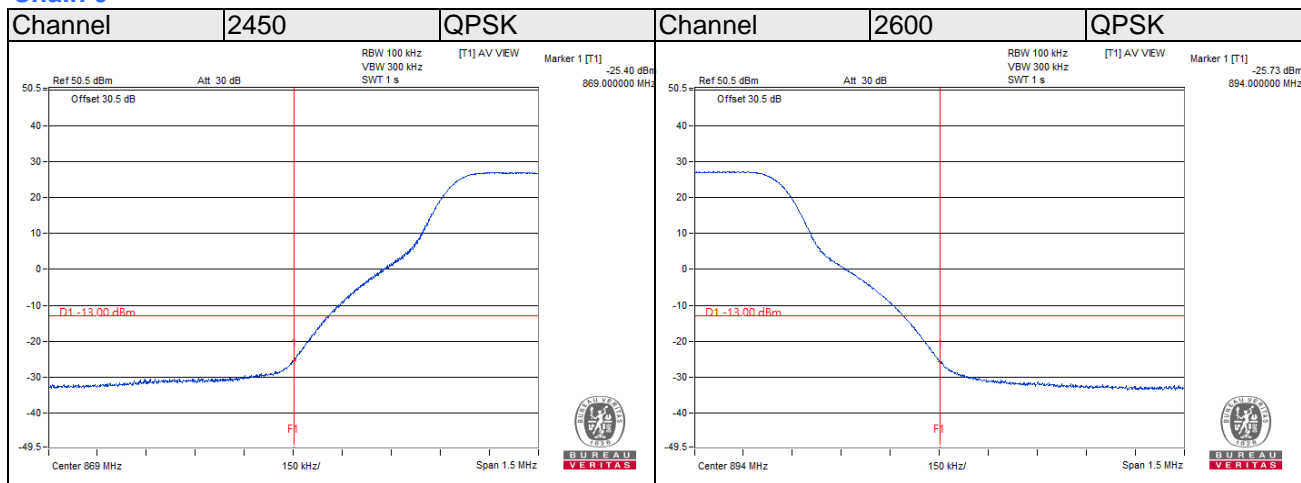
5MHz Chain 0



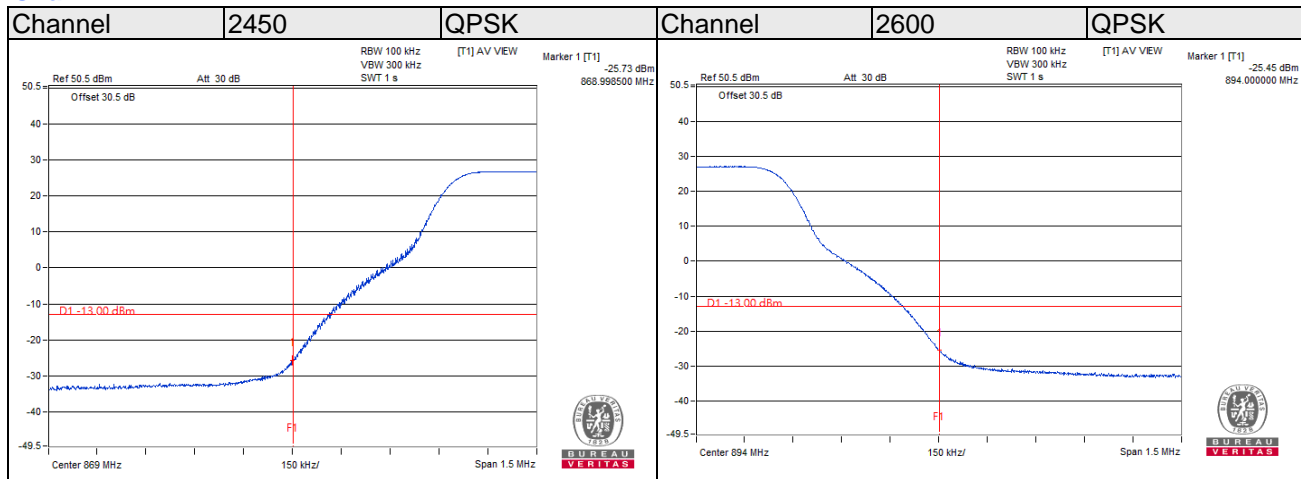
Chain 1



**10MHz
Chain 0**

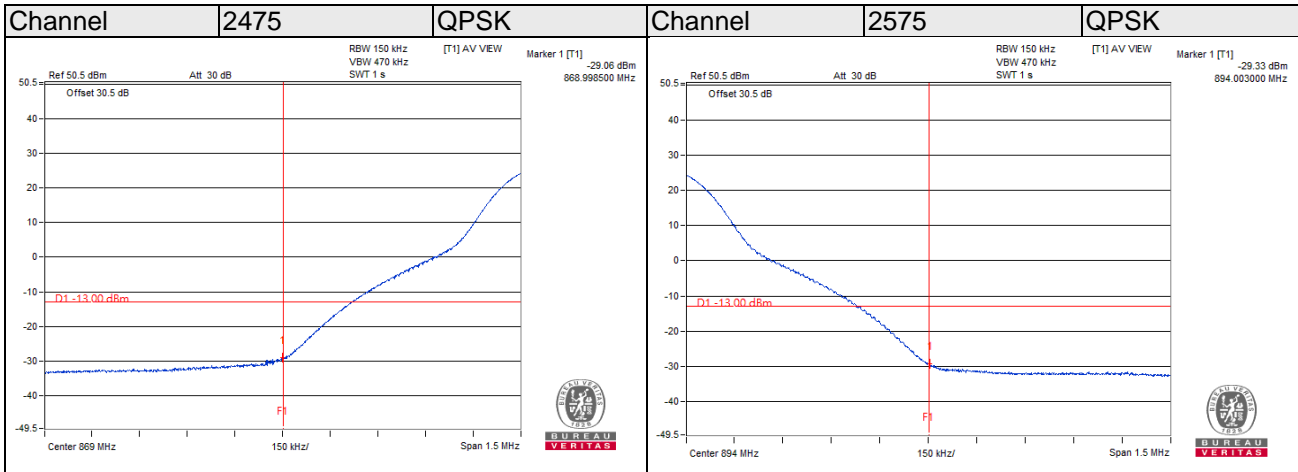


Chain 1

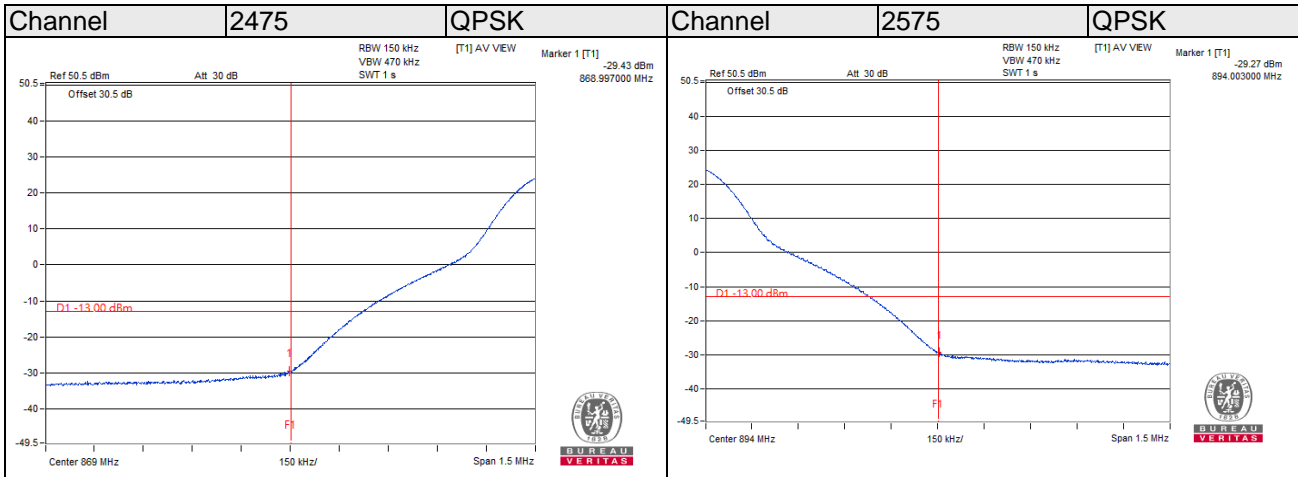


15MHz

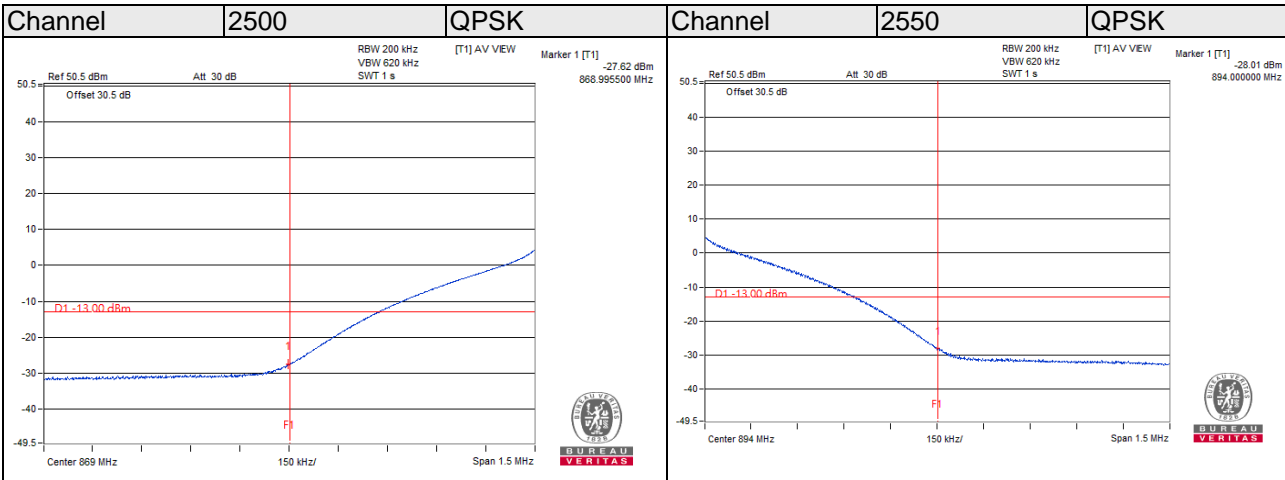
Chain 0



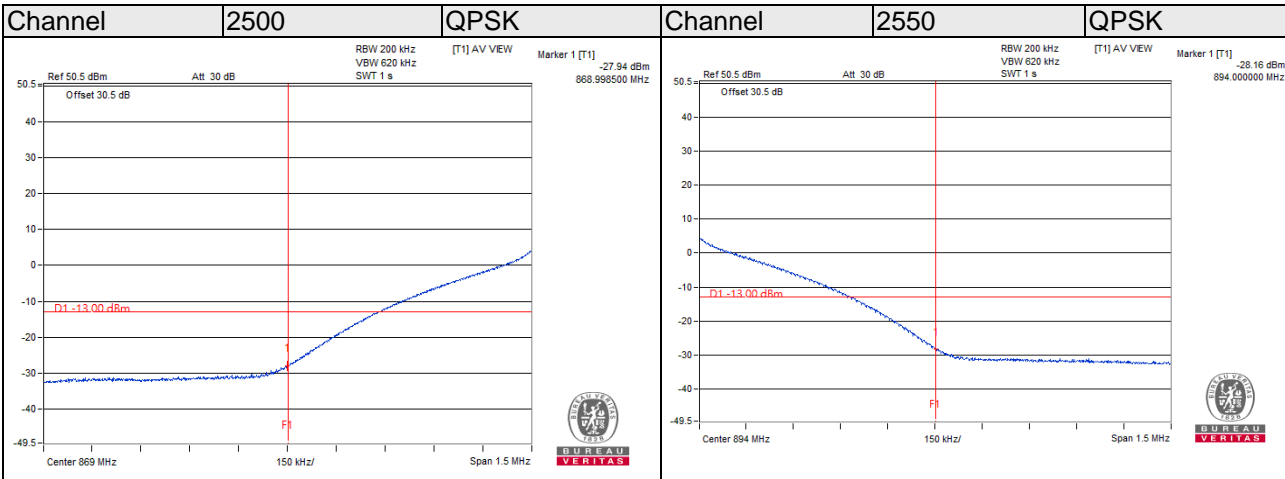
Chain 1



20MHz Chain 0

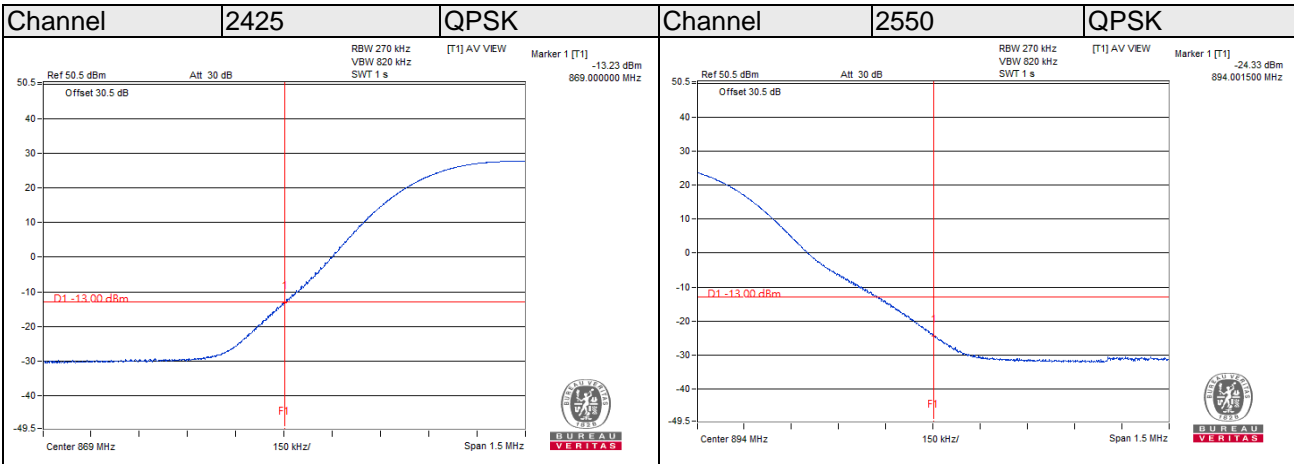


Chain 1

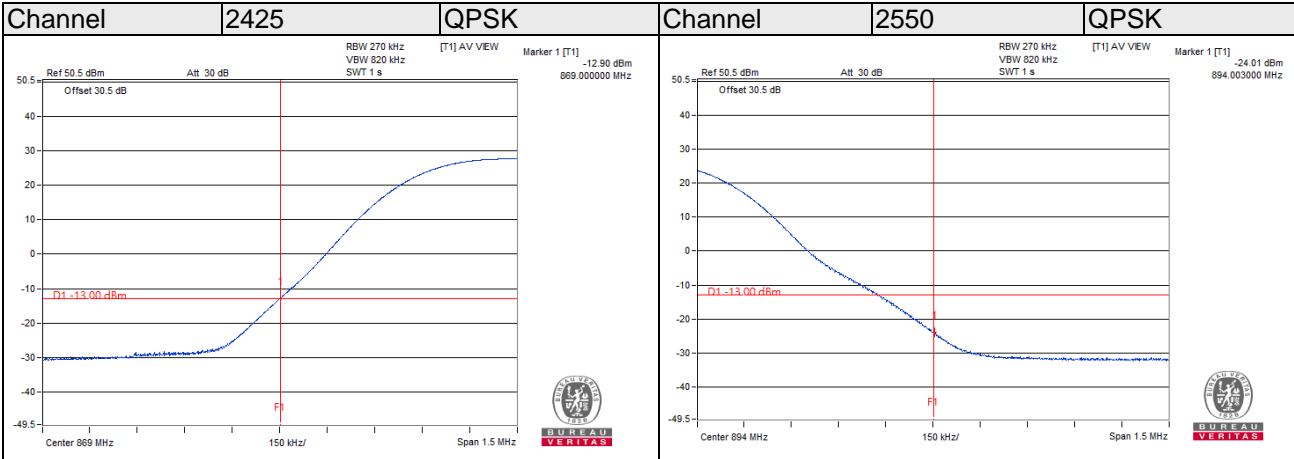


CA Contiguous

5MHz+20MHz Chain 0

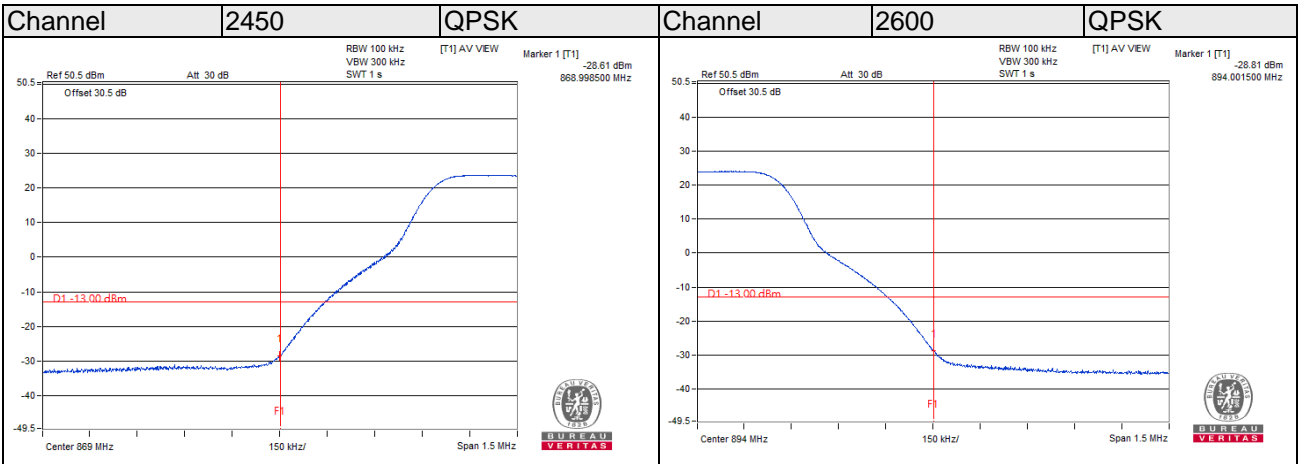


Chain 1

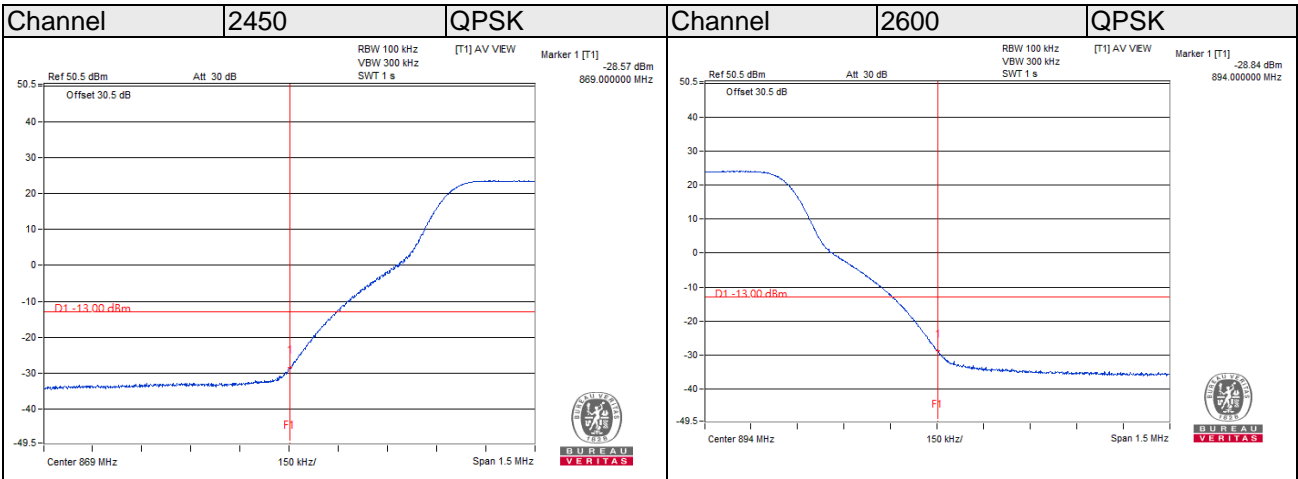


CA-NC Non-Contiguous

10MHz+10MHz Chain 0



Chain 1

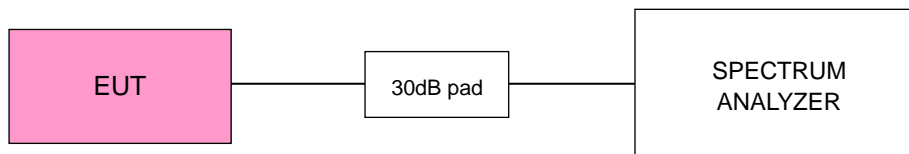


4.6 Peak to Average Ratio

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

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

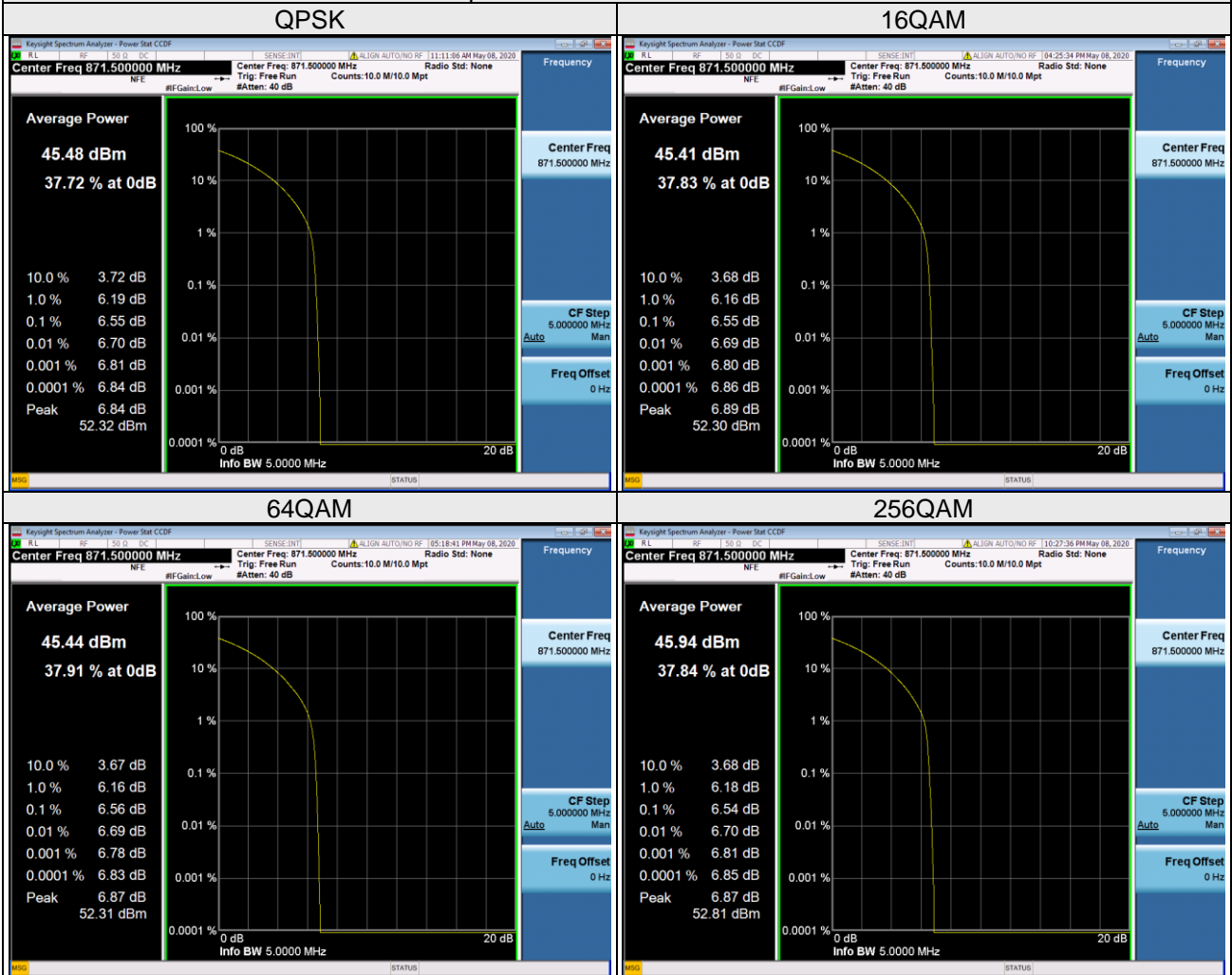
4.6.4 Test Results

Single Carrier

5MHz

Channel Number	Freq. (MHz)	Peak-to-Average Power Ratio (dB)							
		Chain0				Chain1			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2425	871.5	6.53	6.52	6.54	6.53	6.55	6.55	6.56	6.54
2525	881.5	6.48	6.48	6.48	6.48	6.49	6.48	6.48	6.47
2625	891.5	6.50	6.50	6.51	6.50	6.52	6.50	6.51	6.50

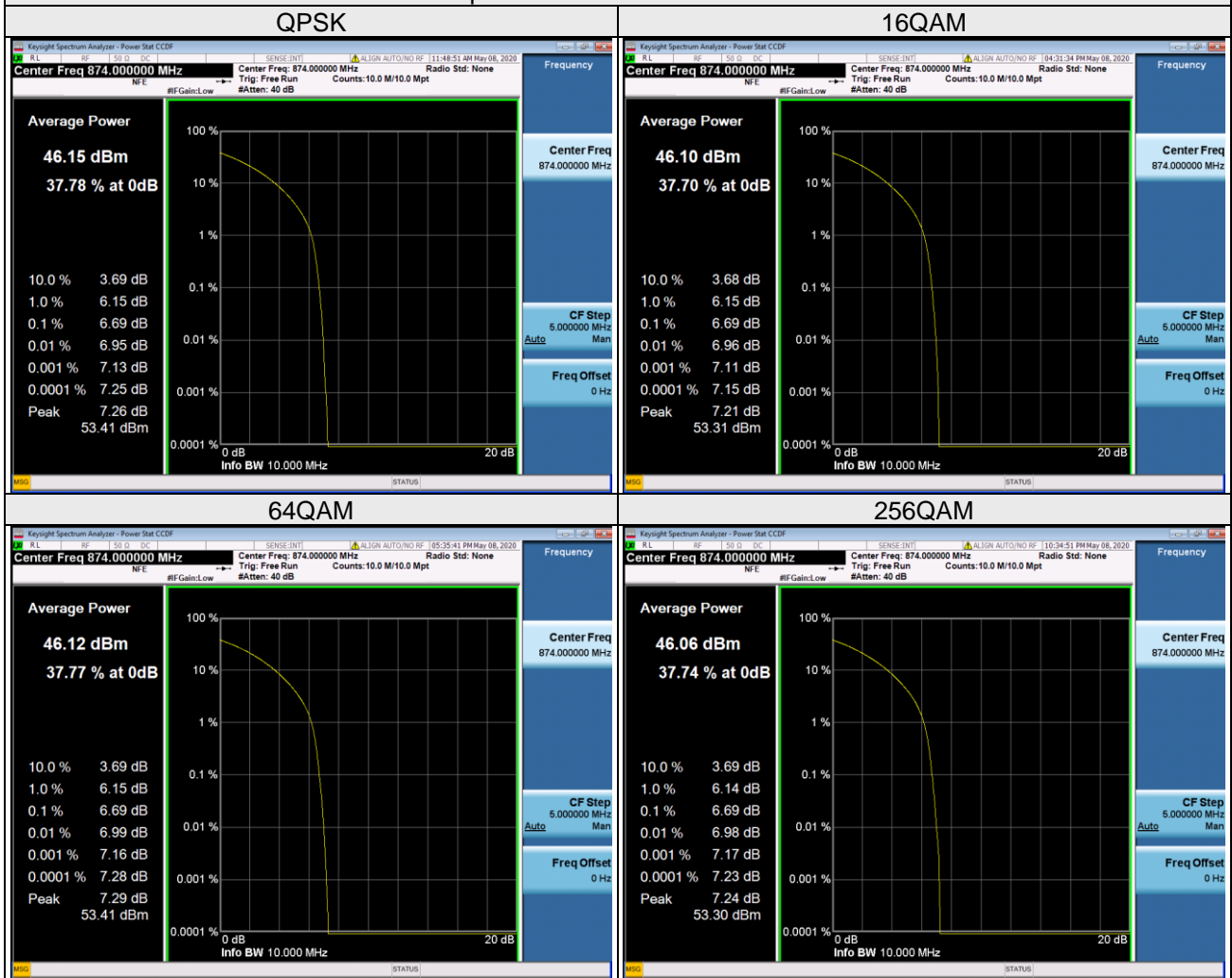
Spectrum Plot of Worst Value



10MHz

Channel Number	Freq. (MHz)	Peak-to-Average Power Ratio (dB)							
		Chain0				Chain1			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2450	874	6.65	6.63	6.64	6.63	6.69	6.69	6.69	6.69
2525	881.5	6.49	6.48	6.48	6.48	6.51	6.49	6.48	6.49
2600	889	6.53	6.53	6.53	6.53	6.53	6.53	6.52	6.52

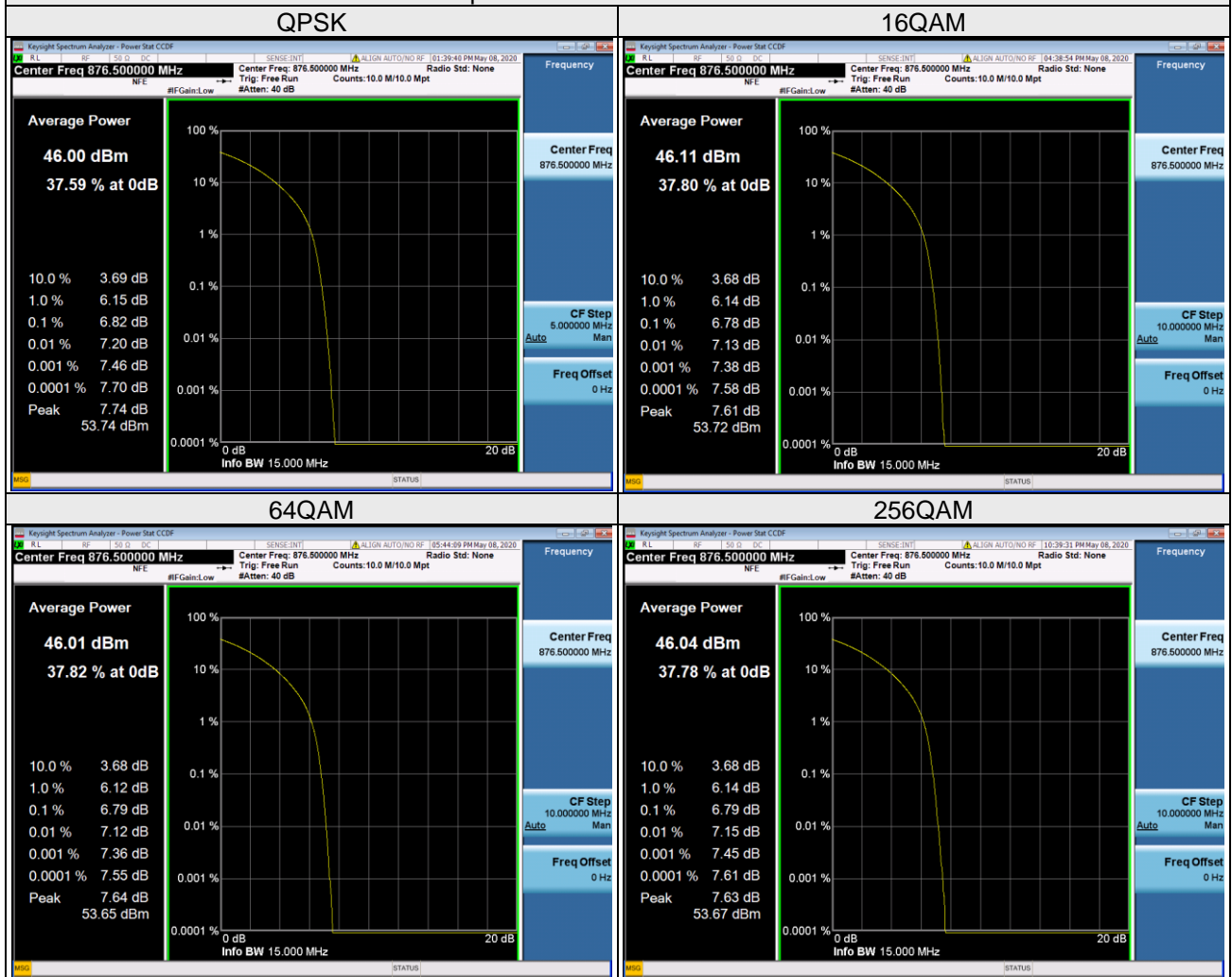
Spectrum Plot of Worst Value



15MHz

Channel Number	Freq. (MHz)	Peak-to-Average Power Ratio (dB)							
		Chain0				Chain1			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2475	876.5	6.75	6.71	6.71	6.70	6.82	6.78	6.79	6.79
2525	881.5	6.53	6.53	6.53	6.53	6.55	6.54	6.54	6.56
2575	886.5	6.53	6.51	6.53	6.52	6.52	6.52	6.51	6.52

Spectrum Plot of Worst Value

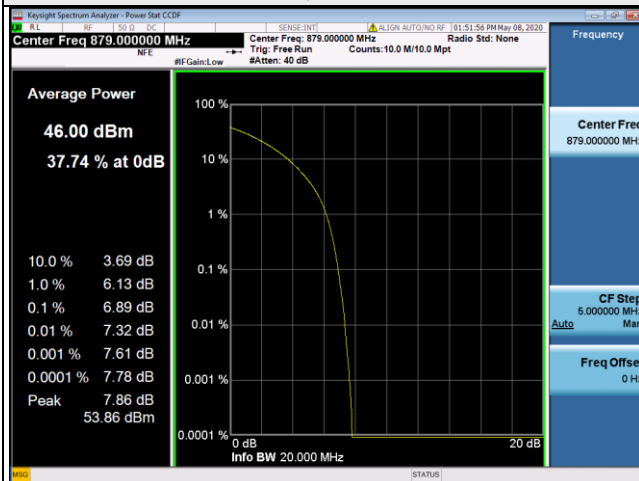


20MHz

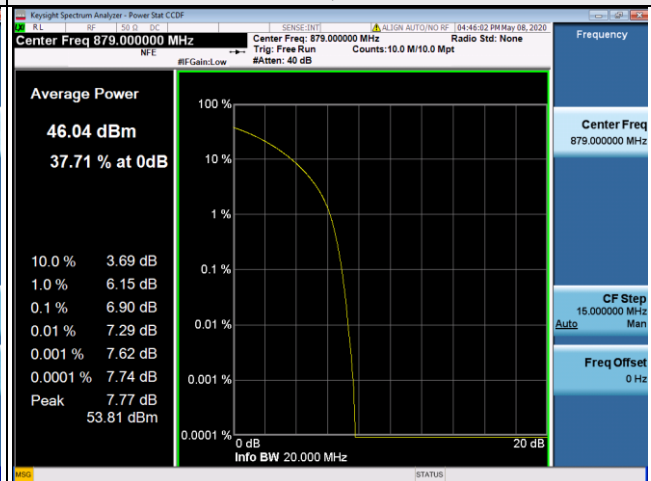
Channel Number	Freq. (MHz)	Peak-to-Average Power Ratio (dB)							
		Chain0				Chain1			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2500	879	6.80	6.81	6.78	6.78	6.89	6.90	6.87	6.91
2525	881.5	6.63	6.61	6.60	6.61	6.69	6.67	6.67	6.67
2550	884	6.53	6.52	6.53	6.52	6.56	6.54	6.54	6.54

Spectrum Plot of Worst Value

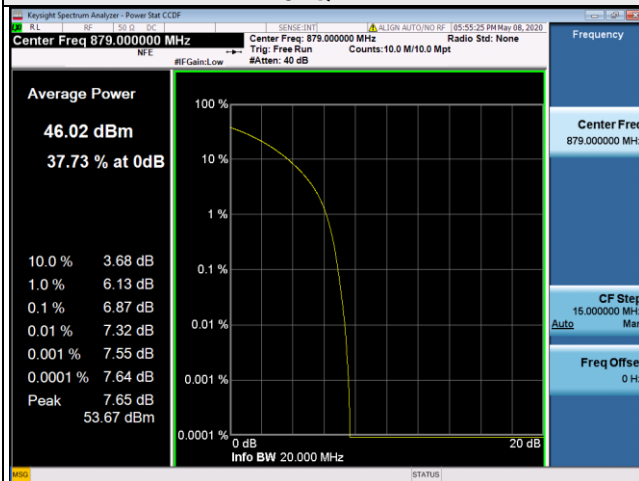
QPSK



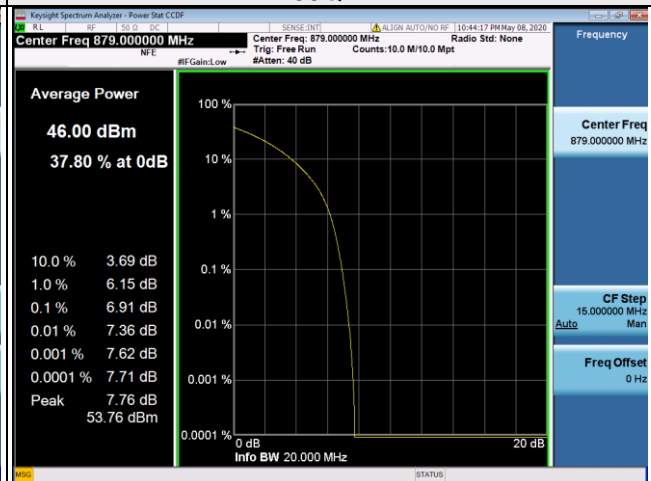
16QAM



64QAM



256QAM

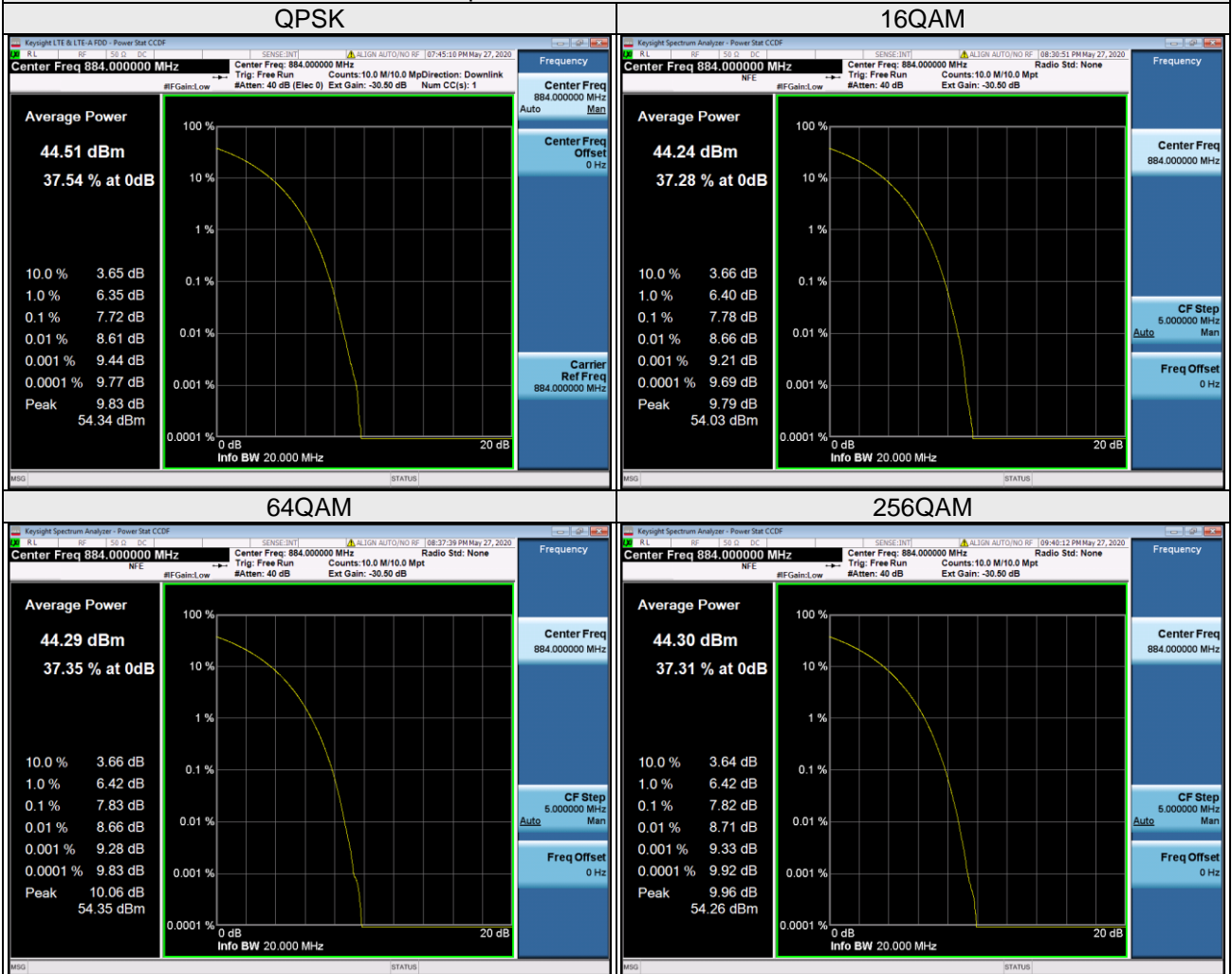


CA Contiguous

5MHz+20MHz

Channel Number	Freq. (MHz)	Peak-to-Average Power Ratio (dB)							
		Chain0							
		CC0				CC1			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2425+2550	871.5+884	7.70	7.66	7.72	7.72	7.72	7.78	7.83	7.82

Spectrum Plot of Worst Value



5MHz+20MHz

Channel Number	Freq. (MHz)	Peak-to-Average Power Ratio (dB)							
		Chain1							
		CC0				CC1			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2425+2550	871.5+884	7.72	7.67	7.77	7.74	7.76	7.85	7.85	7.80

Spectrum Plot of Worst Value

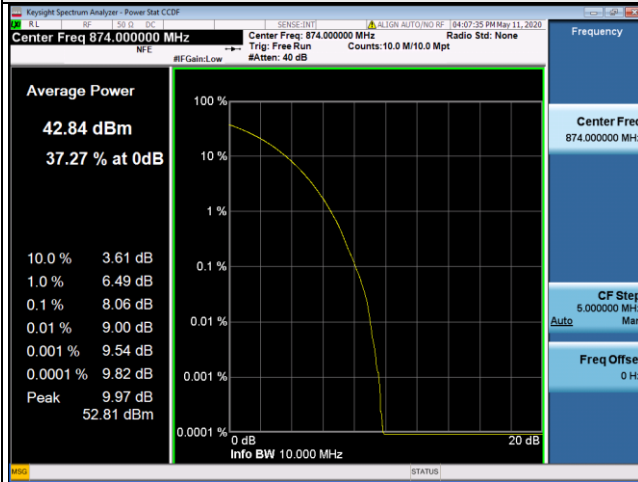


**CA-NC Non-Contiguous
10MHz+10MHz**

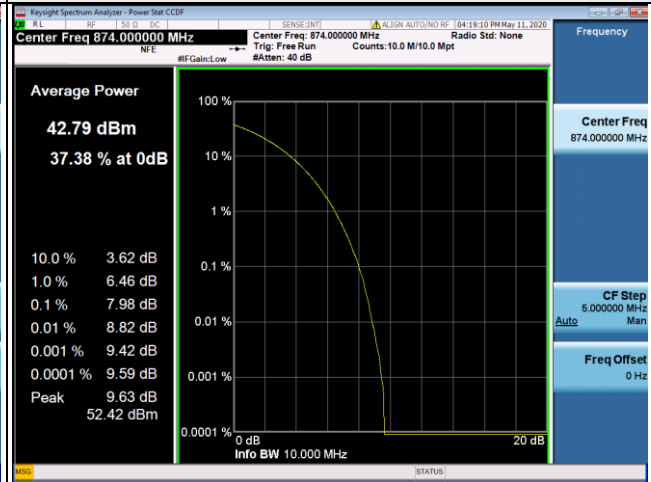
Channel Number	Freq. (MHz)	Peak-to-Average Power Ratio (dB)							
		Chain0							
		CC0				CC1			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2450+2600	874+889	8.06	7.98	8.00	8.09	8.00	7.96	8.03	8.07

Spectrum Plot of Worst Value

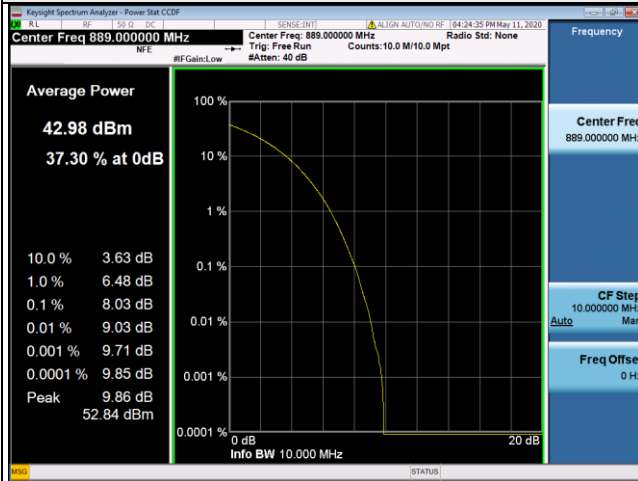
QPSK



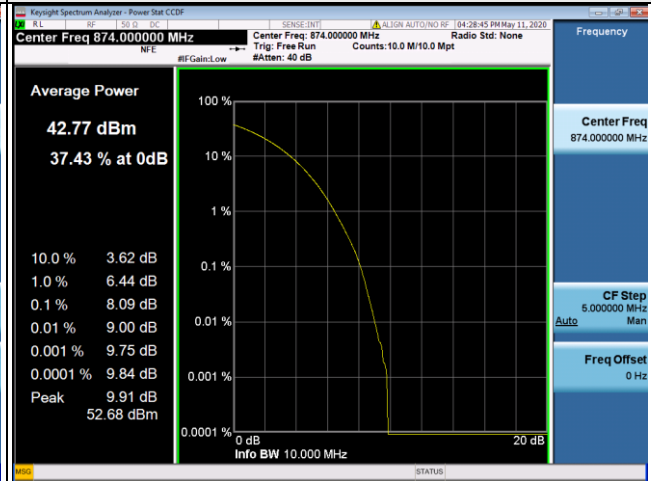
16QAM



64QAM



256QAM

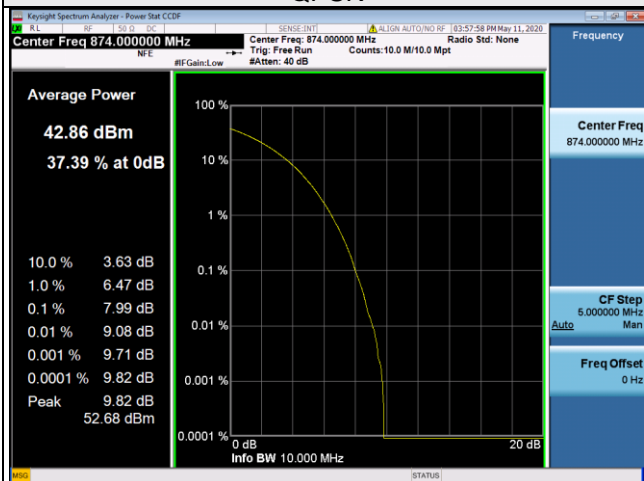


10MHz+10MHz

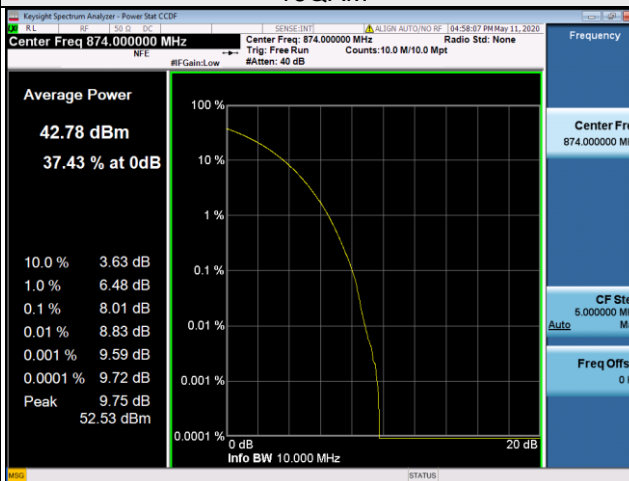
Channel Number	Freq. (MHz)	Peak-to-Average Power Ratio (dB)							
		Chain1							
		CC0				CC1			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2450+2600	874+889	7.99	8.01	7.99	8.09	7.99	8.01	8.00	8.04

Spectrum Plot of Worst Value

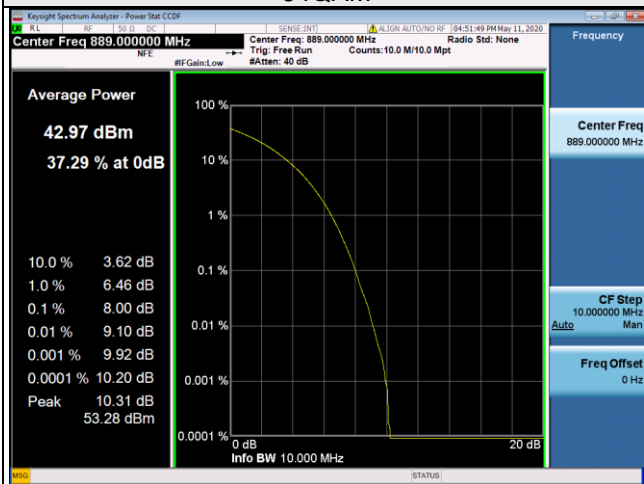
QPSK



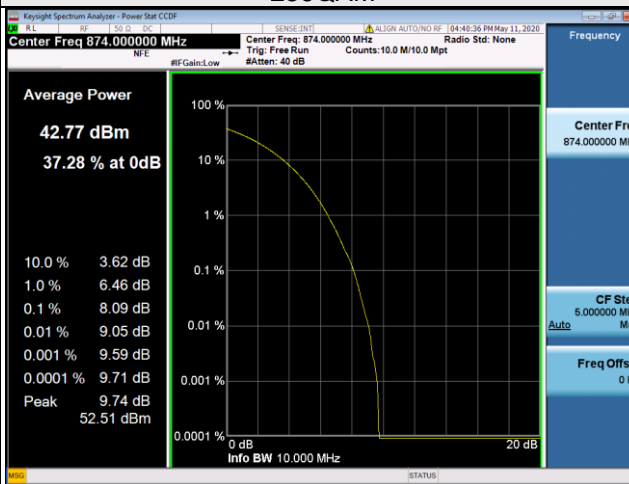
16QAM



64QAM



256QAM

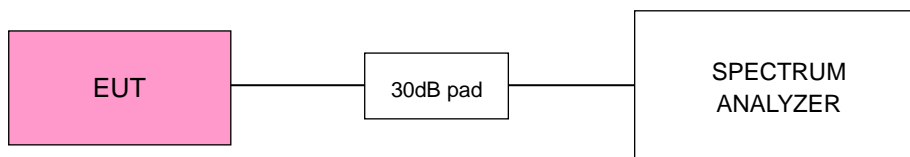


4.7 Conducted Spurious Emissions

4.7.1 Limits of Conducted Spurious Emissions Measurement

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.

4.7.2 Test Setup

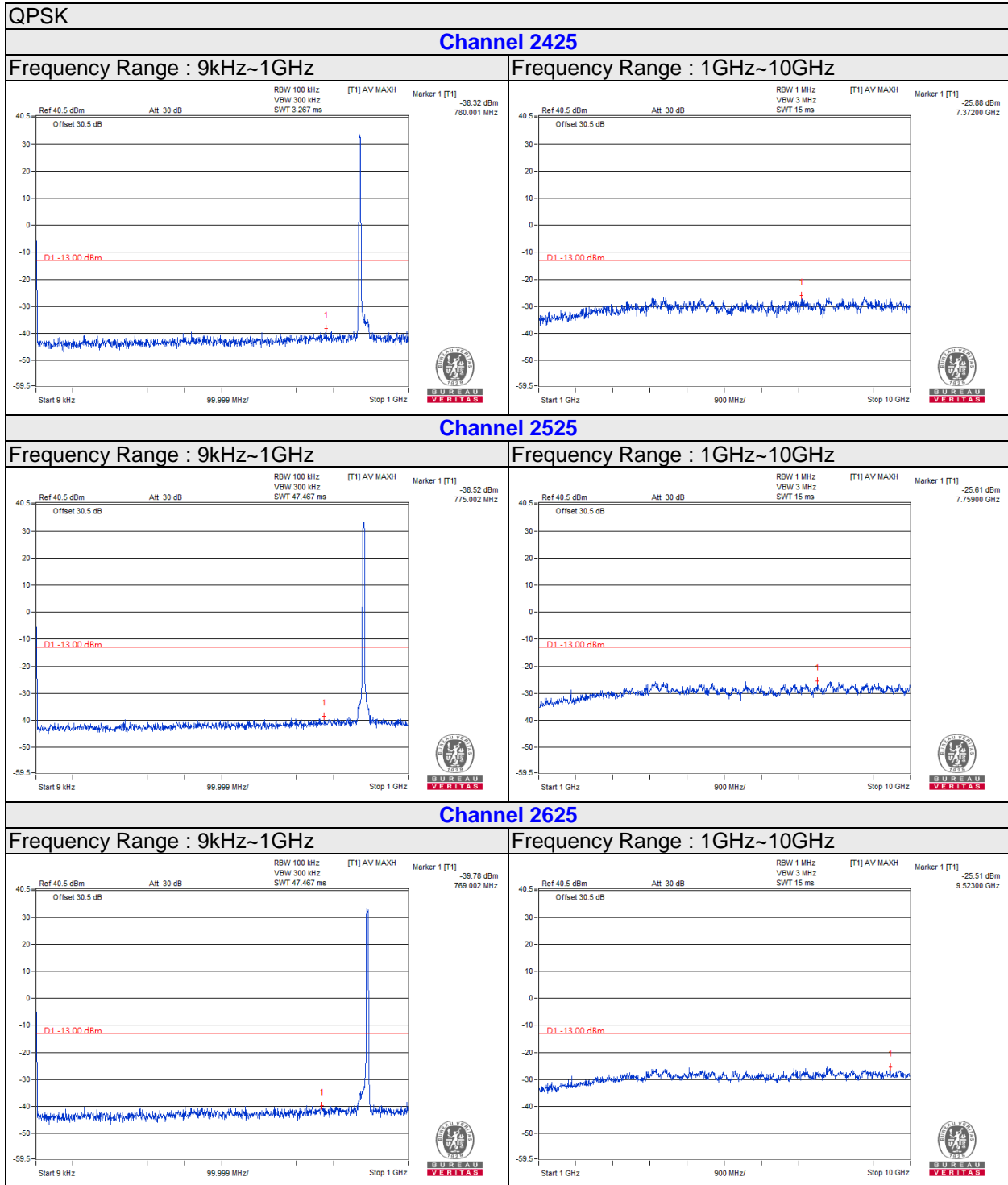


4.7.3 Test Procedure

- a. All measurements were done at 3 channels: low, middle and high operational frequency range.
- b. When the spectrum scanned from 9kHz to 10GHz, it shall be connected to the 30dB pad attenuated the carried frequency.
- c. S.A. setting: RBW=100kHz, VBW=300kHz, Detector=RMS (Power average)

4.7.4 Test Results Single Carrier

5MHz-Chain 0

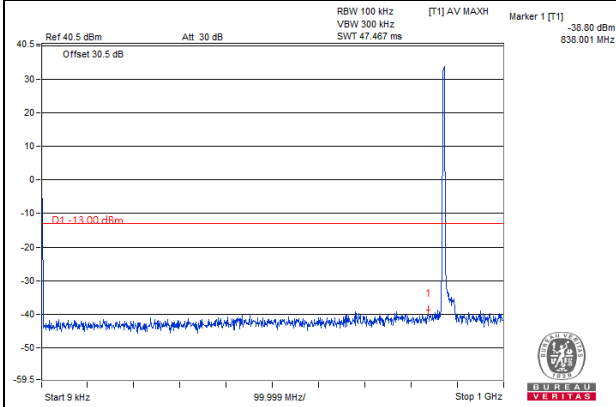


5MHz-Chain 1

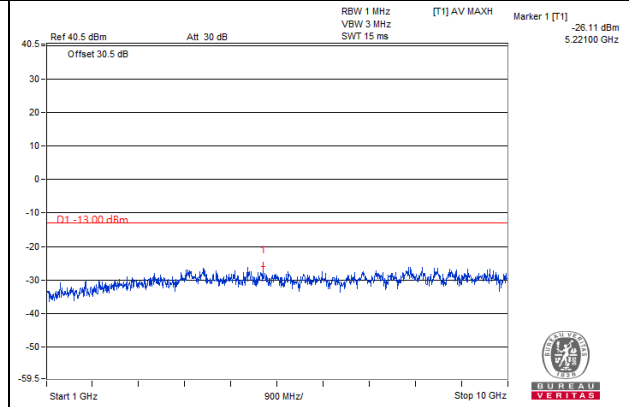
QPSK

Channel 2425

Frequency Range : 9kHz~1GHz

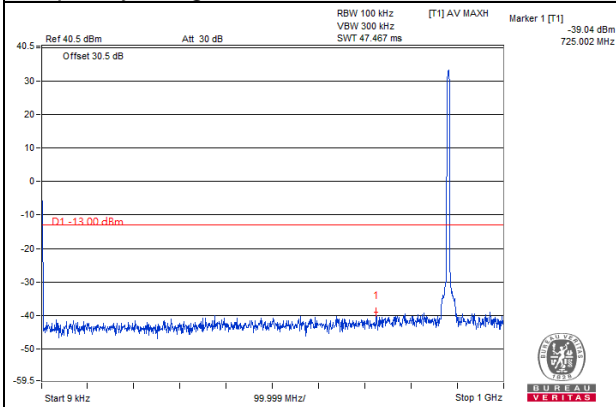


Frequency Range : 1GHz~10GHz

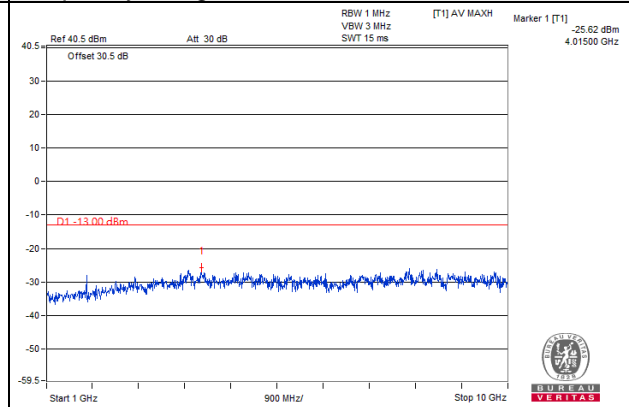


Channel 2525

Frequency Range : 9kHz~1GHz

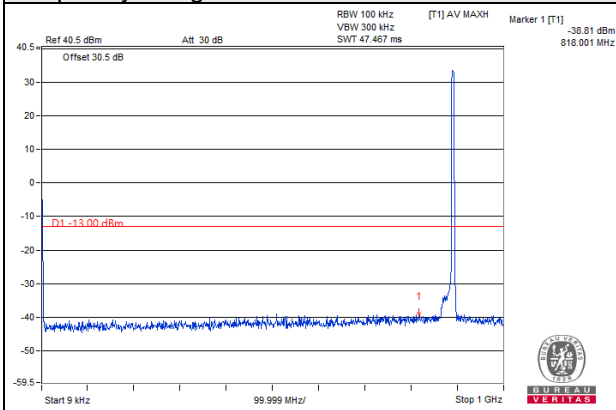


Frequency Range : 1GHz~10GHz

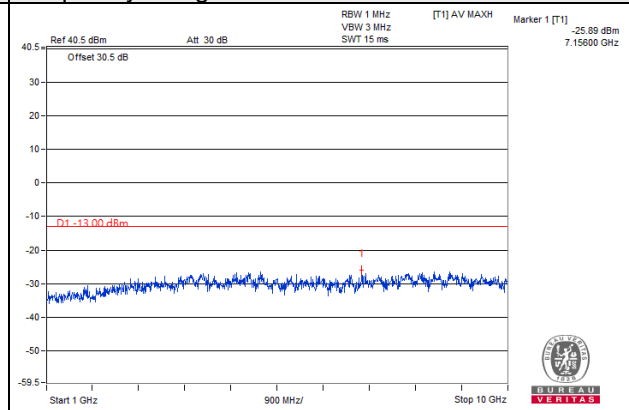


Channel 2625

Frequency Range : 9kHz~1GHz



Frequency Range : 1GHz~10GHz

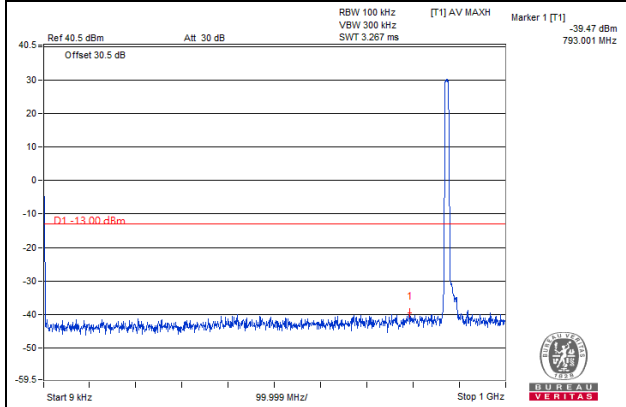


10MHz-Chain 0

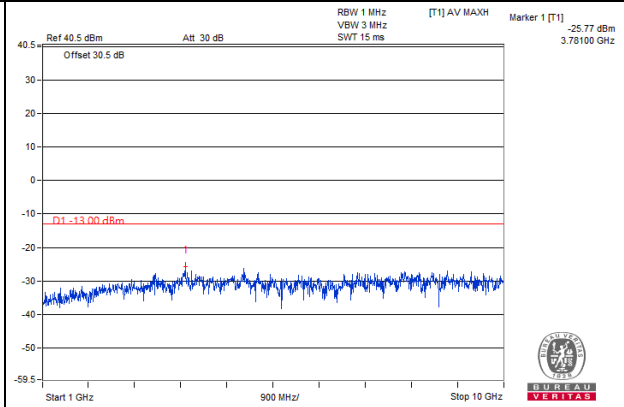
QPSK

Channel 2450

Frequency Range : 9kHz~1GHz

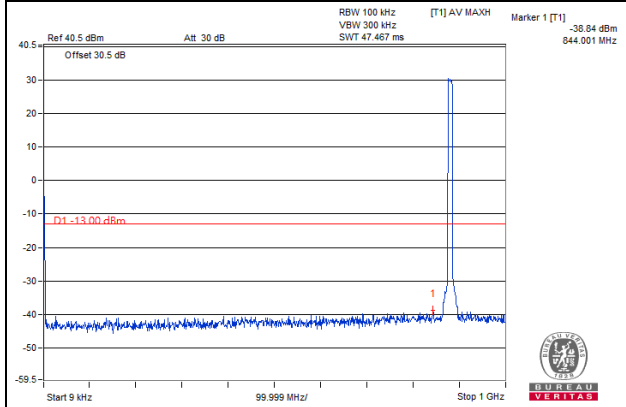


Frequency Range : 1GHz~10GHz

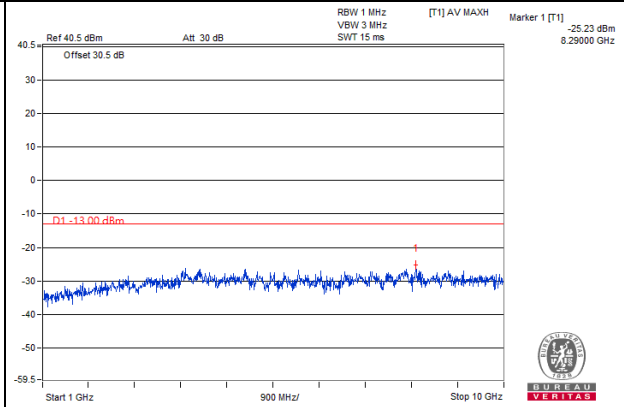


Channel 2525

Frequency Range : 9kHz~1GHz

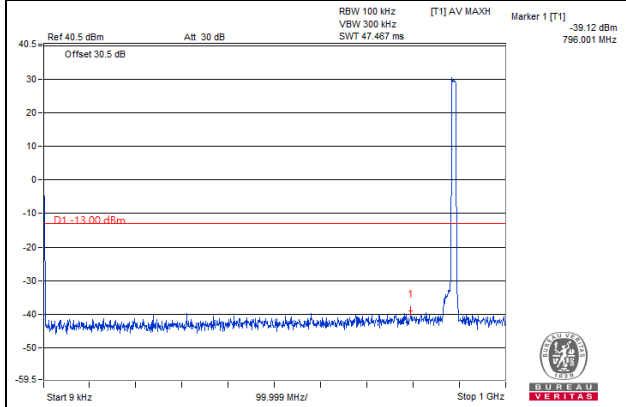


Frequency Range : 1GHz~10GHz

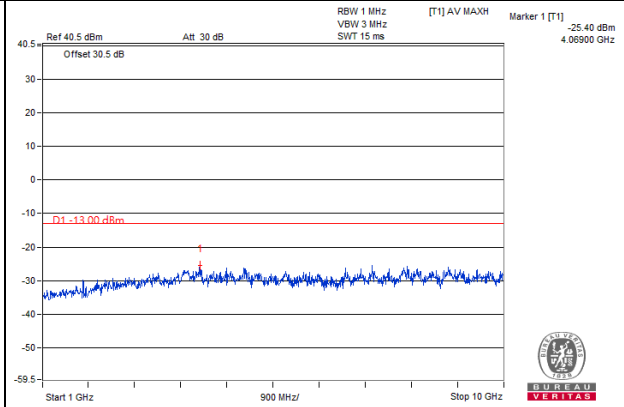


Channel 2600

Frequency Range : 9kHz~1GHz



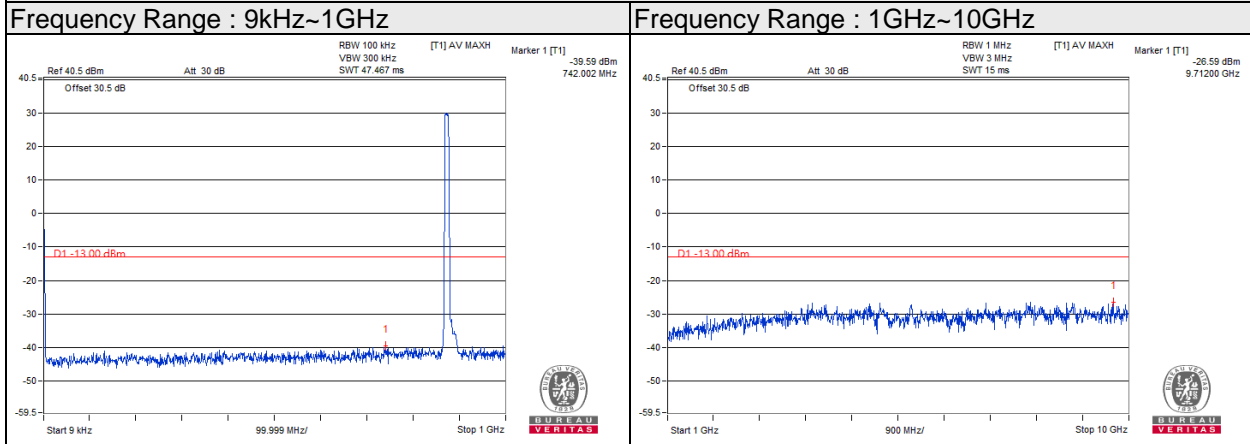
Frequency Range : 1GHz~10GHz



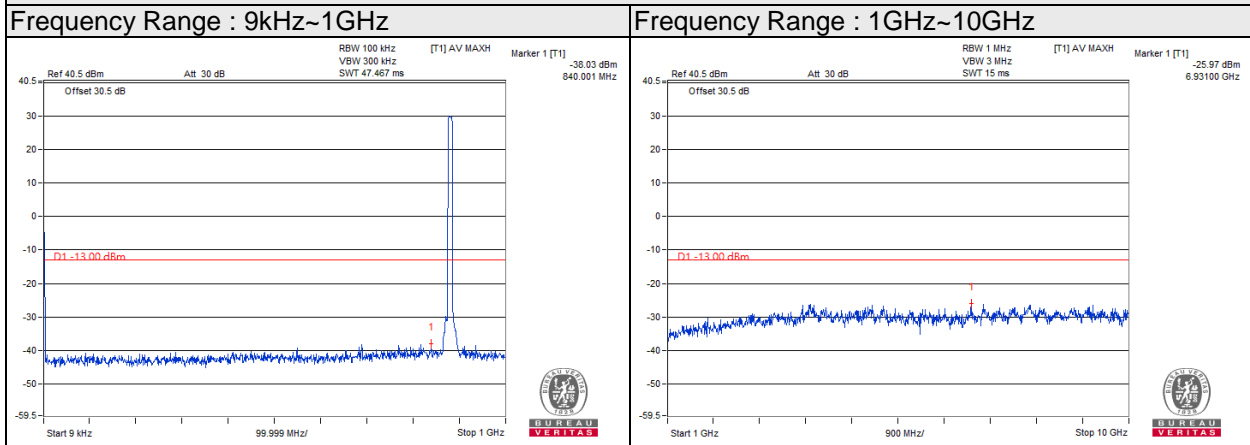
10MHz-Chain 1

QPSK

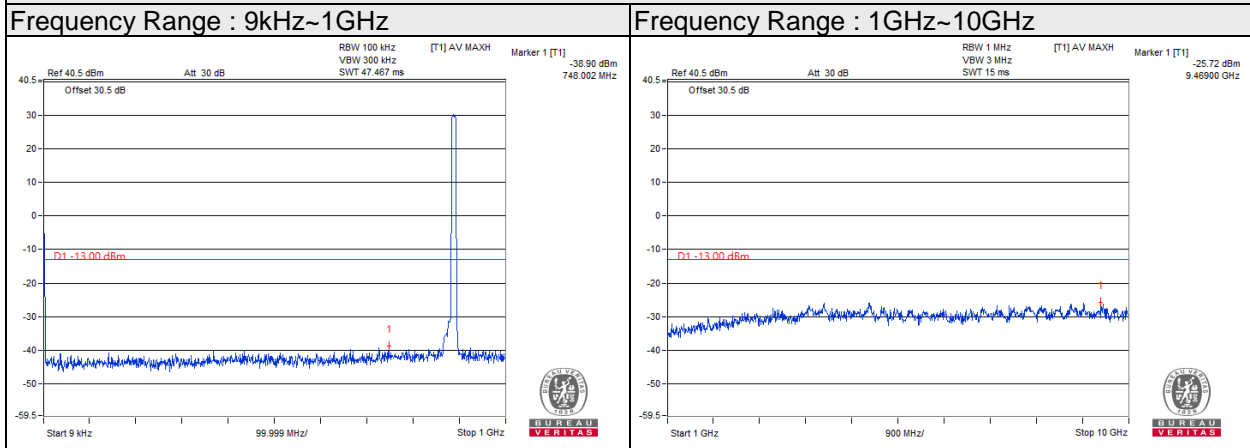
Channel 2450



Channel 2525



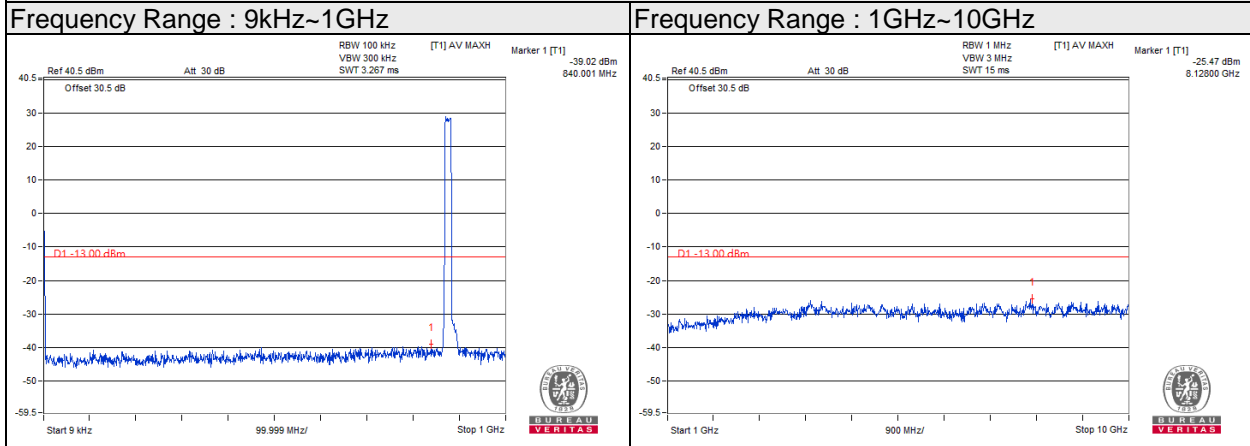
Channel 2600



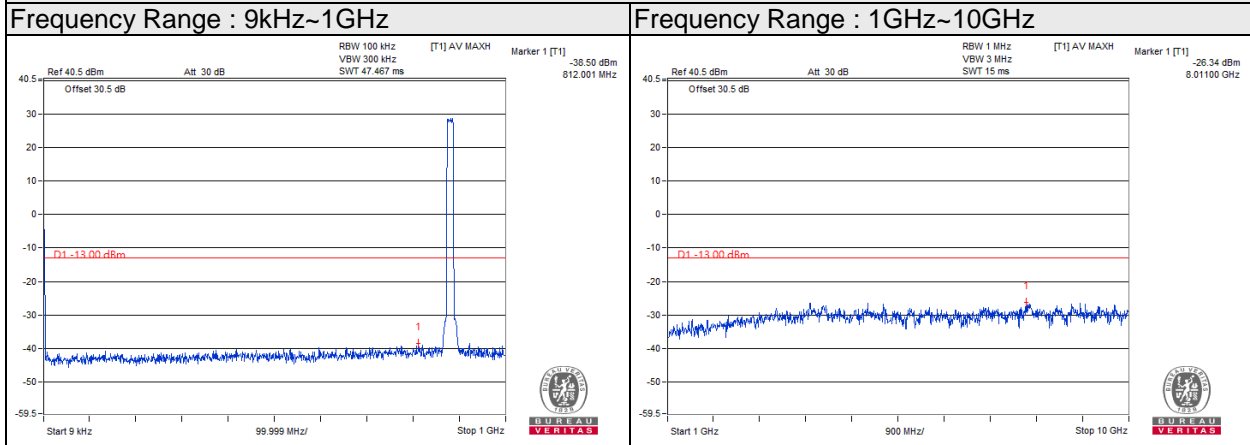
15MHz-Chain 0

QPSK

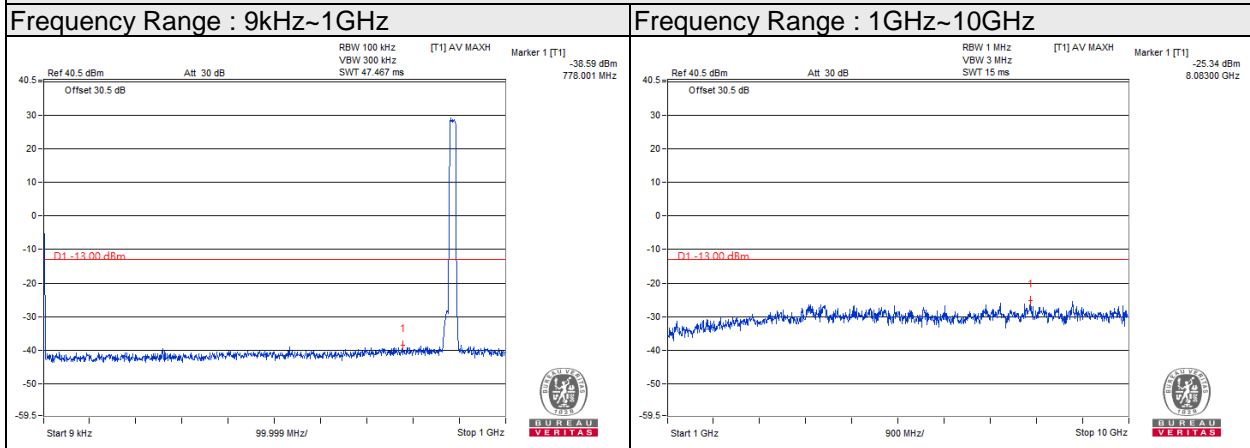
Channel 2475



Channel 2525



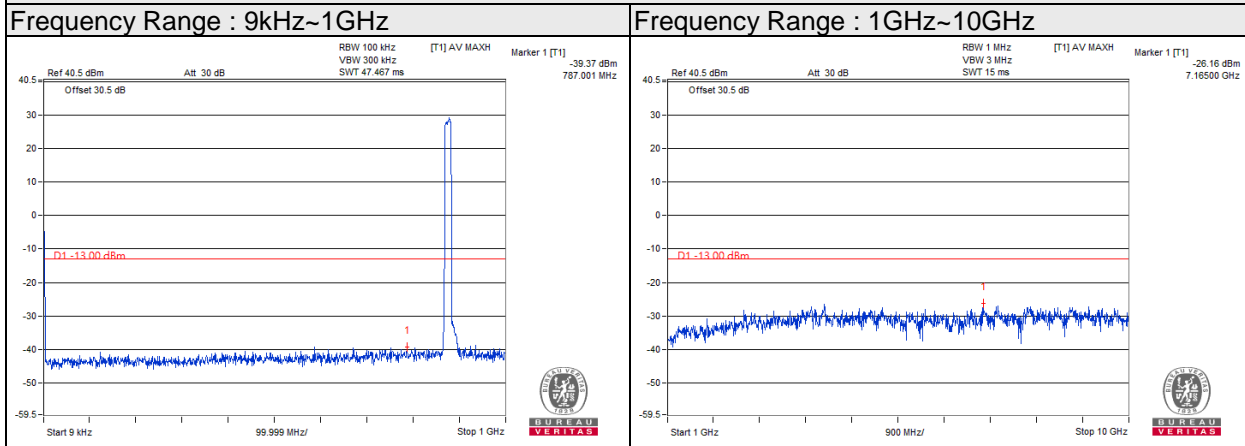
Channel 2575



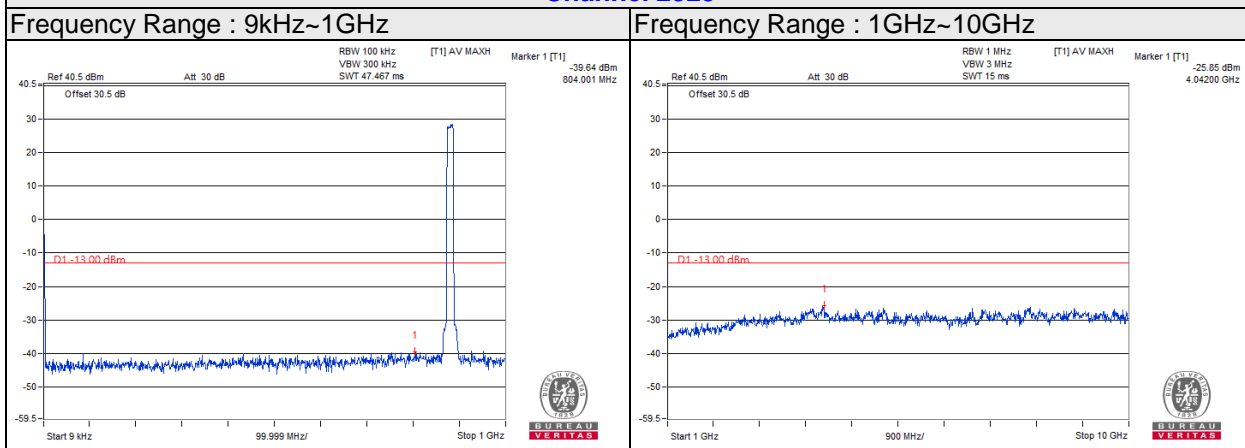
15MHz-Chain 1

QPSK

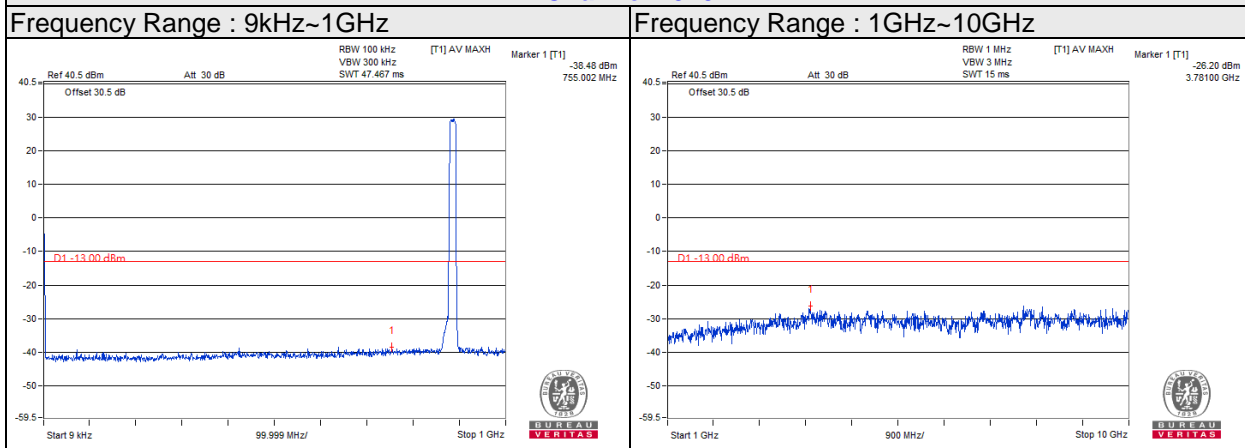
Channel 2475



Channel 2525



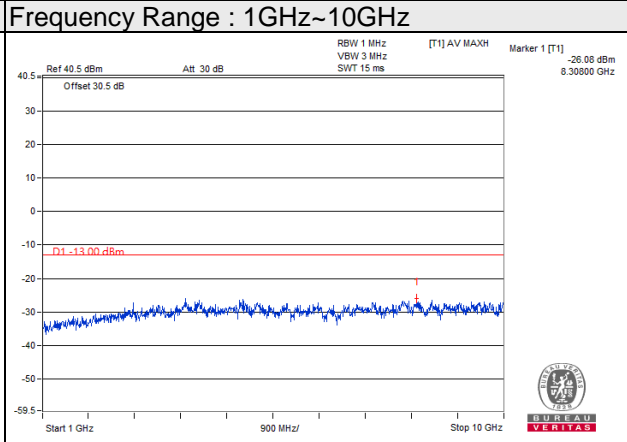
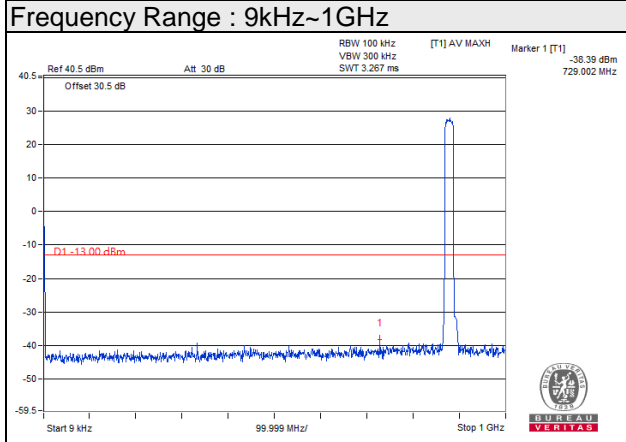
Channel 2575



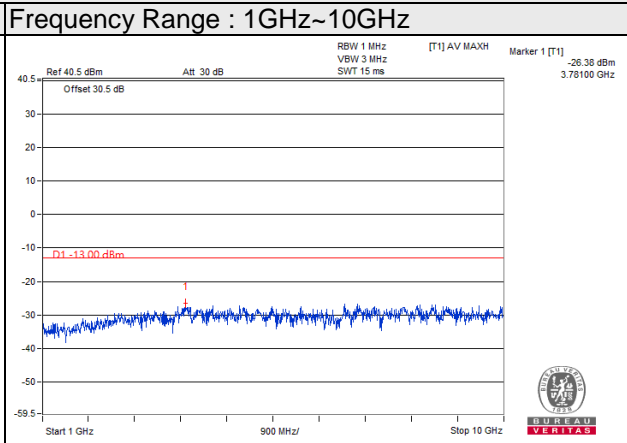
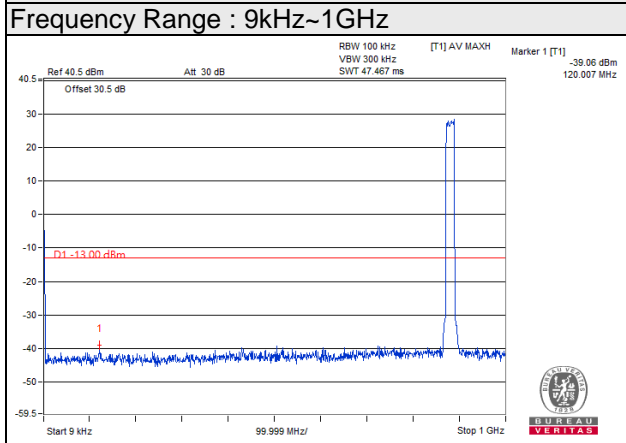
20MHz-Chain 0

QPSK

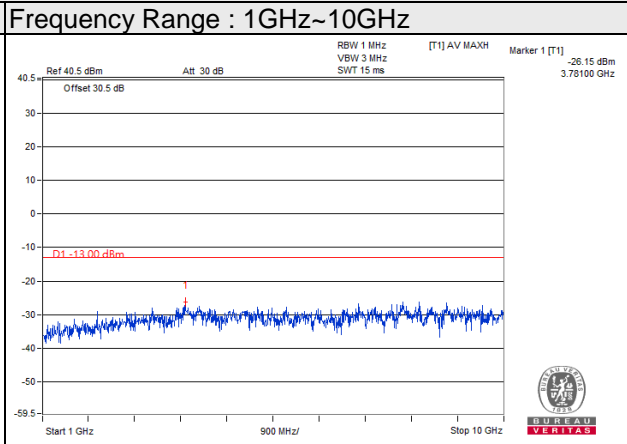
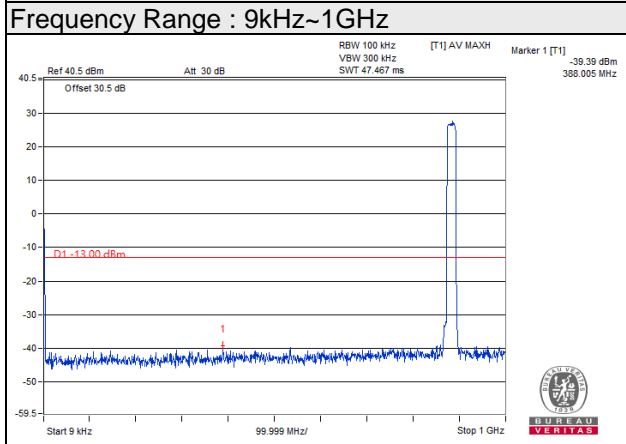
Channel 2500



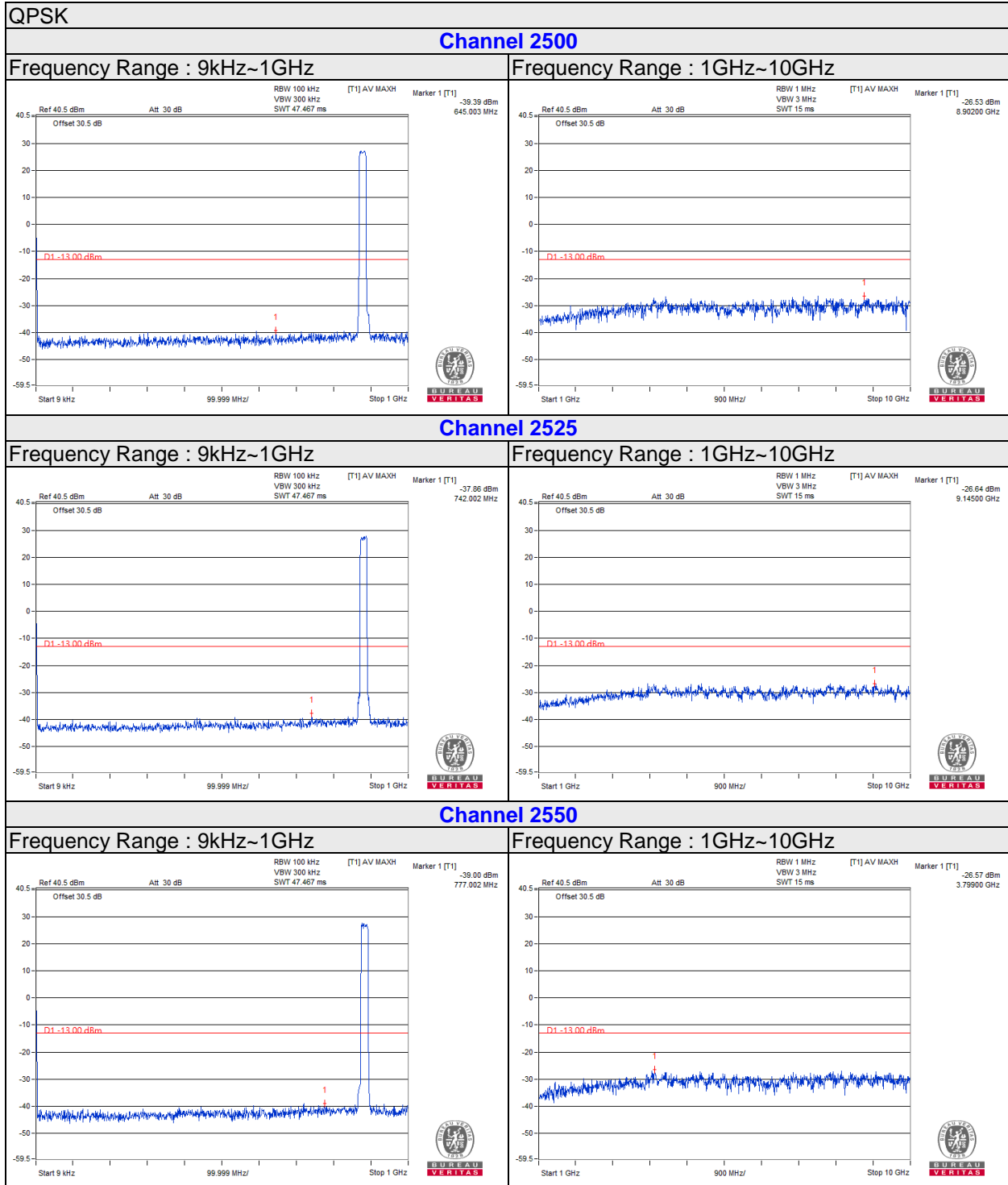
Channel 2525



Channel 2550

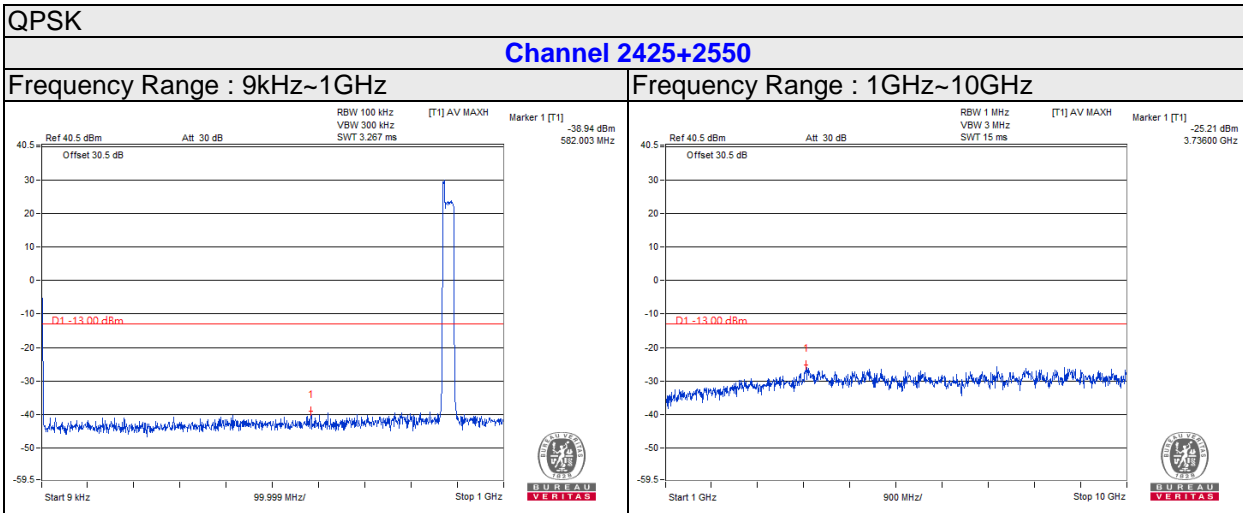


20MHz-Chain 1

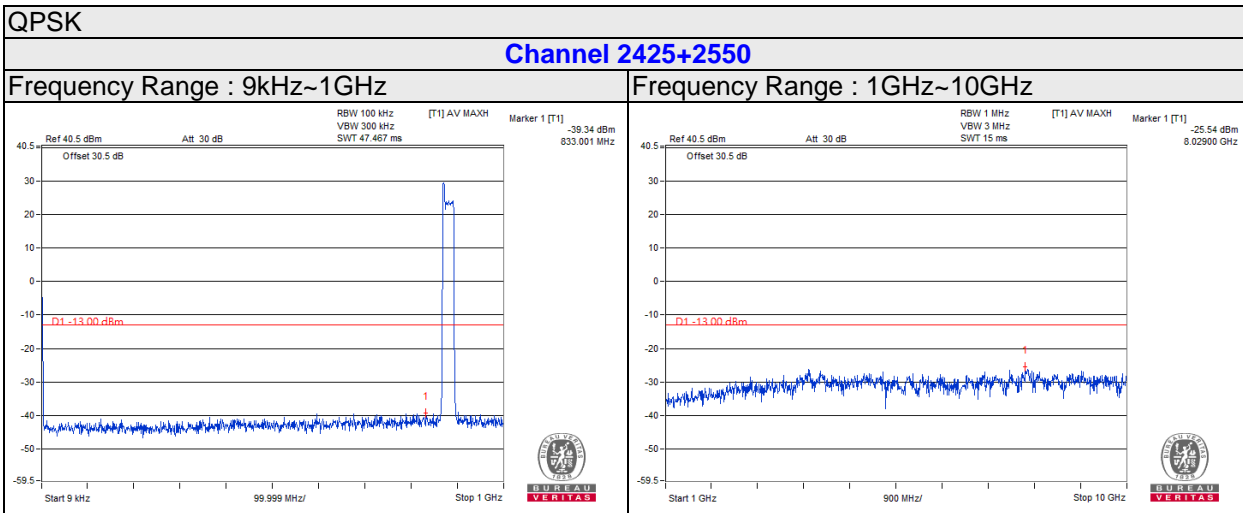


CA Contiguous

5MHz+20MHz-Chain 0

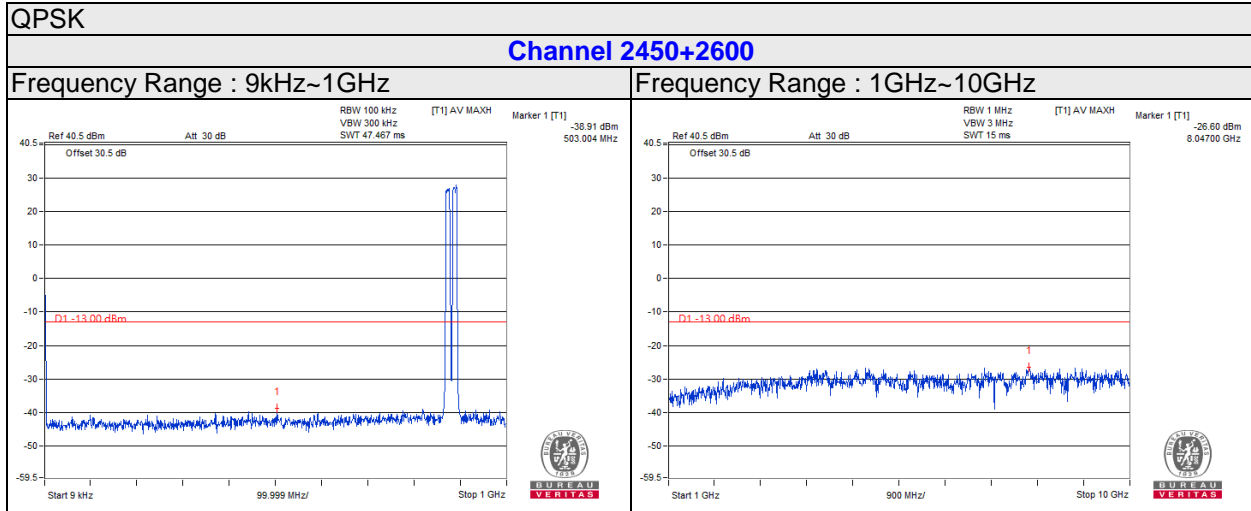


5MHz+20MHz-Chain 1

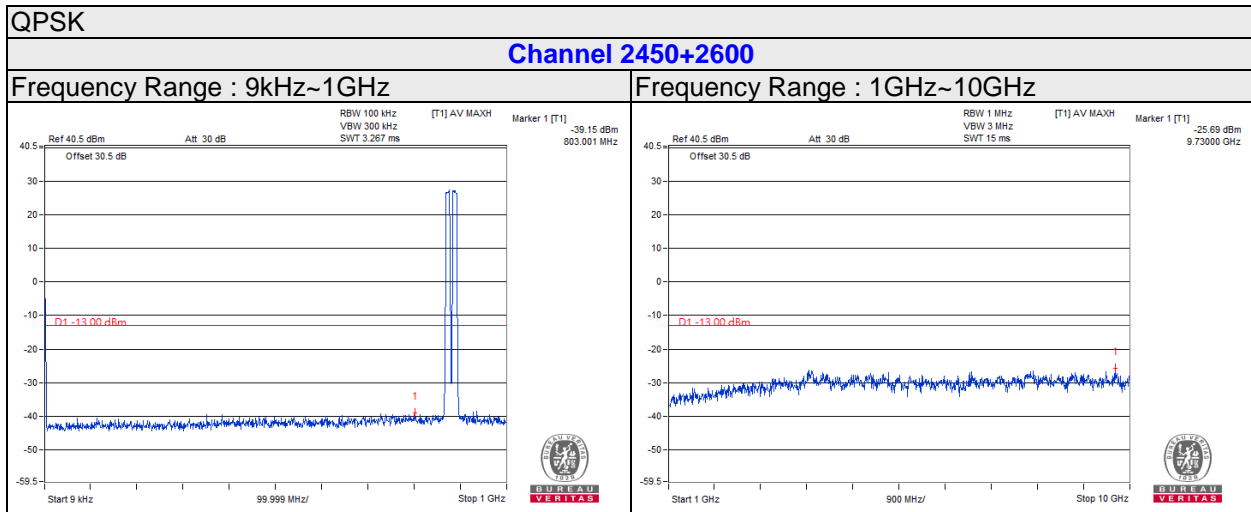


CA-NC Non-Contiguous

10MHz+10MHz-Chain 0



10MHz+10MHz-Chain 1



4.8 Radiated Emission Measurement

4.8.1 Limits of Radiated Emission Measurement

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.

4.8.2 Test Procedure

- a. All measurements were done at 3 channels (low, middle and high channel of operational frequency range.)
- b. EIRP measurement is made in the semi-anechoic chamber, EUT placed on the 0.8m(below or equal 1GHz) and/or 1.5m(above 1GHz) height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- c. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = Read Value (dB μ V/m) - Correction Factor @ 3m
- d. Correction Factor (dB) @ 3m = $20\log(D) - 104.8$; where D is the measurement distance @ 3m
= -95.26dB

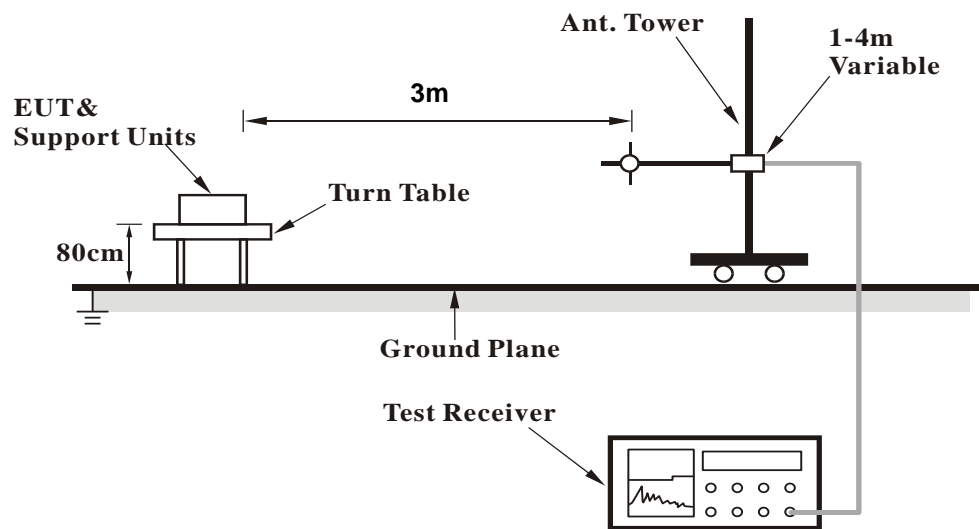
NOTE: The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1MHz/3MHz.

4.8.3 Deviation from Test Standard

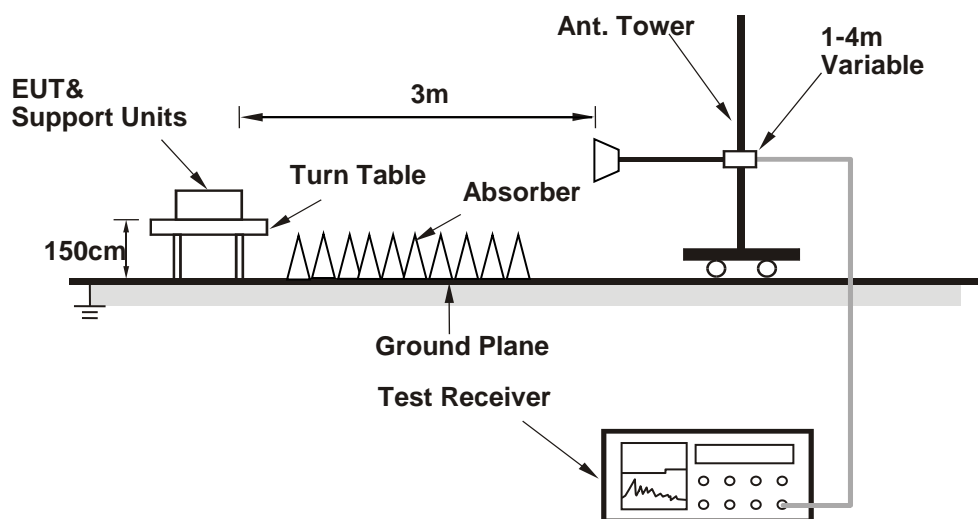
No deviation.

4.8.4 Test Setup

<Frequency Range below 1GHz>



<Frequency Range above 1GHz>



For the actual test configuration, please refer to the attached file (Test Setup Photo).

4.8.5 Test Results

Single Carrier

Below 1GHz

5MHz

Test Frequency	871.5 MHz	Frequency Range	Below 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	33.24	35	-95.26	-60.26	-13	-47.26
2	249.57	38.1	-95.26	-57.16	-13	-44.16
3	379.6	43.9	-95.26	-51.36	-13	-38.36
4	398.18	47.2	-95.26	-48.06	-13	-35.06
5	421.12	45.8	-95.26	-49.46	-13	-36.46
6	459.24	42.9	-95.26	-52.36	-13	-39.36

Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	33.59	41.5	-95.26	-53.76	-13	-40.76
2	284.27	35.4	-95.26	-59.86	-13	-46.86
3	384.4	42.3	-95.26	-52.96	-13	-39.96
4	418.17	46.9	-95.26	-48.36	-13	-35.36
5	451.36	41.9	-95.26	-53.36	-13	-40.36
6	573.05	36.5	-95.26	-58.76	-13	-45.76

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = Reading (dB μ V/m) + Correction Factor @ 3m
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance @3m

Test Frequency	881.5 MHz	Frequency Range	Below 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	32.78	34.8	-95.26	-60.46	-13	-47.46
2	249.22	37.8	-95.26	-57.46	-13	-44.46
3	379.39	43.5	-95.26	-51.76	-13	-38.76
4	397.81	47.1	-95.26	-48.16	-13	-35.16
5	420.95	45.7	-95.26	-49.56	-13	-36.56
6	458.86	42.4	-95.26	-52.86	-13	-39.86

Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	33.51	41.2	-95.26	-54.06	-13	-41.06
2	284.18	35	-95.26	-60.26	-13	-47.26
3	384.02	42.2	-95.26	-53.06	-13	-40.06
4	417.82	46.7	-95.26	-48.56	-13	-35.56
5	451.05	41.4	-95.26	-53.86	-13	-40.86
6	572.91	36.4	-95.26	-58.86	-13	-45.86

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = Reading (dB μ V/m) + Correction Factor @ 3m
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance @3m

Test Frequency	891.5 MHz	Frequency Range	Below 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	33.1	34.8	-95.26	-60.46	-13	-47.46
2	249.48	37.6	-95.26	-57.66	-13	-44.66
3	379.42	43.6	-95.26	-51.66	-13	-38.66
4	398.07	47	-95.26	-48.26	-13	-35.26
5	421.03	45.7	-95.26	-49.56	-13	-36.56
6	459.23	42.6	-95.26	-52.66	-13	-39.66

Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	33.34	41.4	-95.26	-53.86	-13	-40.86
2	284.23	35.4	-95.26	-59.86	-13	-46.86
3	383.93	42.2	-95.26	-53.06	-13	-40.06
4	417.71	46.8	-95.26	-48.46	-13	-35.46
5	450.9	41.7	-95.26	-53.56	-13	-40.56
6	572.91	36.2	-95.26	-59.06	-13	-46.06

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = Reading (dB μ V/m) + Correction Factor @ 3m
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance @3m

10MHz

Test Frequency	874 MHz	Frequency Range	Below 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	33	35.3	-95.26	-59.96	-13	-46.96
2	249.56	38.2	-95.26	-57.06	-13	-44.06
3	379.42	44.1	-95.26	-51.16	-13	-38.16
4	397.91	47.1	-95.26	-48.16	-13	-35.16
5	420.78	46.3	-95.26	-48.96	-13	-35.96
6	458.76	43.3	-95.26	-51.96	-13	-38.96

Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	33.2	41.6	-95.26	-53.66	-13	-40.66
2	284.15	35.2	-95.26	-60.06	-13	-47.06
3	384.39	42.6	-95.26	-52.66	-13	-39.66
4	417.96	46.8	-95.26	-48.46	-13	-35.46
5	451.11	41.5	-95.26	-53.76	-13	-40.76
6	572.72	36.5	-95.26	-58.76	-13	-45.76

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = Reading (dB μ V/m) + Correction Factor @ 3m
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance @3m

Test Frequency	881.5 MHz	Frequency Range	Below 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	32.9	34.6	-95.26	-60.66	-13	-47.66
2	249.5	38.1	-95.26	-57.16	-13	-44.16
3	379.12	43.9	-95.26	-51.36	-13	-38.36
4	397.89	47	-95.26	-48.26	-13	-35.26
5	420.64	45.5	-95.26	-49.76	-13	-36.76
6	458.92	42.8	-95.26	-52.46	-13	-39.46

Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	33.13	41.4	-95.26	-53.86	-13	-40.86
2	284.15	35.2	-95.26	-60.06	-13	-47.06
3	384.21	41.9	-95.26	-53.36	-13	-40.36
4	418.12	46.6	-95.26	-48.66	-13	-35.66
5	451.08	41.7	-95.26	-53.56	-13	-40.56
6	572.96	36	-95.26	-59.26	-13	-46.26

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = Reading (dB μ V/m) + Correction Factor @ 3m
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance @3m

Test Frequency	889MHz	Frequency Range	Below 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	32.87	34.7	-95.26	-60.56	-13	-47.56
2	249.14	37.9	-95.26	-57.36	-13	-44.36
3	379.16	43.5	-95.26	-51.76	-13	-38.76
4	398.07	47.2	-95.26	-48.06	-13	-35.06
5	420.66	45.6	-95.26	-49.66	-13	-36.66
6	459.06	42.7	-95.26	-52.56	-13	-39.56

Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	33.28	41.4	-95.26	-53.86	-13	-40.86
2	284.16	35.1	-95.26	-60.16	-13	-47.16
3	384.38	42	-95.26	-53.26	-13	-40.26
4	417.74	46.8	-95.26	-48.46	-13	-35.46
5	451.13	41.5	-95.26	-53.76	-13	-40.76
6	572.81	36.3	-95.26	-58.96	-13	-45.96

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = Reading (dB μ V/m) + Correction Factor @ 3m
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance @3m

15MHz

Test Frequency	876.5 MHz	Frequency Range	Below 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	32.99	35.4	-95.26	-59.86	-13	-46.86
2	249.53	38.3	-95.26	-56.96	-13	-43.96
3	379.33	43.6	-95.26	-51.66	-13	-38.66
4	398.13	46.9	-95.26	-48.36	-13	-35.36
5	420.92	46	-95.26	-49.26	-13	-36.26
6	459.13	43.4	-95.26	-51.86	-13	-38.86

Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	33.21	41.8	-95.26	-53.46	-13	-40.46
2	283.79	35.6	-95.26	-59.66	-13	-46.66
3	384.19	42.5	-95.26	-52.76	-13	-39.76
4	418.12	46.9	-95.26	-48.36	-13	-35.36
5	451.03	41.7	-95.26	-53.56	-13	-40.56
6	572.62	36.7	-95.26	-58.56	-13	-45.56

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = Reading (dB μ V/m) + Correction Factor @ 3m
2. Correction Factor (dB) = 20log(D) - 104.8; where D is the measurement distance @3m

Test Frequency	881.5 MHz	Frequency Range	Below 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	32.81	34.5	-95.26	-60.76	-13	-47.76
2	249.11	37.9	-95.26	-57.36	-13	-44.36
3	379.11	43.4	-95.26	-51.86	-13	-38.86
4	397.98	47.2	-95.26	-48.06	-13	-35.06
5	421.08	45.8	-95.26	-49.46	-13	-36.46
6	459.19	42.7	-95.26	-52.56	-13	-39.56

Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	33.14	41.3	-95.26	-53.96	-13	-40.96
2	284.2	35	-95.26	-60.26	-13	-47.26
3	384.21	42.2	-95.26	-53.06	-13	-40.06
4	417.93	46.7	-95.26	-48.56	-13	-35.56
5	451.14	41.5	-95.26	-53.76	-13	-40.76
6	572.86	36.4	-95.26	-58.86	-13	-45.86

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = Reading (dB μ V/m) + Correction Factor @ 3m
2. Correction Factor (dB) = 20log(D) - 104.8; where D is the measurement distance @3m

Test Frequency	886.5 MHz	Frequency Range	Below 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	33.12	35	-95.26	-60.26	-13	-47.26
2	249.4	37.9	-95.26	-57.36	-13	-44.36
3	379.17	43.8	-95.26	-51.46	-13	-38.46
4	398.11	46.9	-95.26	-48.36	-13	-35.36
5	420.99	45.3	-95.26	-49.96	-13	-36.96
6	458.96	42.7	-95.26	-52.56	-13	-39.56

Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	33.35	41.4	-95.26	-53.86	-13	-40.86
2	284.16	35.1	-95.26	-60.16	-13	-47.16
3	384.2	41.9	-95.26	-53.36	-13	-40.36
4	417.92	46.7	-95.26	-48.56	-13	-35.56
5	451.2	41.9	-95.26	-53.36	-13	-40.36
6	572.74	36.5	-95.26	-58.76	-13	-45.76

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = Reading (dB μ V/m) + Correction Factor @ 3m
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance @3m

20MHz

Test Frequency	879 MHz	Frequency Range	Below 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	32.93	35.4	-95.26	-59.86	-13	-46.86
2	249.19	38.2	-95.26	-57.06	-13	-44.06
3	379.22	43.4	-95.26	-51.86	-13	-38.86
4	398.08	47.1	-95.26	-48.16	-13	-35.16
5	420.86	46.1	-95.26	-49.16	-13	-36.16
6	458.87	42.6	-95.26	-52.66	-13	-39.66

Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	33.13	41.1	-95.26	-54.16	-13	-41.16
2	283.81	35	-95.26	-60.26	-13	-47.26
3	383.92	42.7	-95.26	-52.56	-13	-39.56
4	417.81	47.1	-95.26	-48.16	-13	-35.16
5	451.24	41.7	-95.26	-53.56	-13	-40.56
6	572.62	36.2	-95.26	-59.06	-13	-46.06

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = Reading (dB μ V/m) + Correction Factor @ 3m
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance @3m

Test Frequency	881.5 MHz	Frequency Range	Below 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	32.92	34.8	-95.26	-60.46	-13	-47.46
2	249.34	37.8	-95.26	-57.46	-13	-44.46
3	379.5	43.4	-95.26	-51.86	-13	-38.86
4	397.9	47	-95.26	-48.26	-13	-35.26
5	420.85	45.4	-95.26	-49.86	-13	-36.86
6	458.93	42.6	-95.26	-52.66	-13	-39.66

Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	33.48	41.3	-95.26	-53.96	-13	-40.96
2	283.78	35.3	-95.26	-59.96	-13	-46.96
3	384.32	42.1	-95.26	-53.16	-13	-40.16
4	417.94	46.6	-95.26	-48.66	-13	-35.66
5	451.1	41.7	-95.26	-53.56	-13	-40.56
6	572.56	36.3	-95.26	-58.96	-13	-45.96

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = Reading (dB μ V/m) + Correction Factor @ 3m
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance @3m

Test Frequency	884 MHz	Frequency Range	Below 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	32.81	34.7	-95.26	-60.56	-13	-47.56
2	249.2	37.6	-95.26	-57.66	-13	-44.66
3	379.15	43.8	-95.26	-51.46	-13	-38.46
4	397.87	46.8	-95.26	-48.46	-13	-35.46
5	420.67	45.8	-95.26	-49.46	-13	-36.46
6	458.86	42.7	-95.26	-52.56	-13	-39.56

Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	33.4	41.5	-95.26	-53.76	-13	-40.76
2	284	35.3	-95.26	-59.96	-13	-46.96
3	384.05	42.2	-95.26	-53.06	-13	-40.06
4	417.73	46.7	-95.26	-48.56	-13	-35.56
5	450.95	41.4	-95.26	-53.86	-13	-40.86
6	572.63	36.4	-95.26	-58.86	-13	-45.86

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = Reading (dB μ V/m) + Correction Factor @ 3m
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance @3m

CA Contiguous

5MHz+20MHz

Test Frequency	871.5+884 MHz	Frequency Range	Below 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	33.52	34.9	-95.26	-60.36	-13	-47.36
2	249.83	38	-95.26	-57.26	-13	-44.26
3	379.95	43.7	-95.26	-51.56	-13	-38.56
4	398.53	46.9	-95.26	-48.36	-13	-35.36
5	421.27	45.8	-95.26	-49.46	-13	-36.46
6	459.27	43	-95.26	-52.26	-13	-39.26

Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	33.66	41.2	-95.26	-54.06	-13	-41.06
2	284.92	35.1	-95.26	-60.16	-13	-47.16
3	385.17	42.2	-95.26	-53.06	-13	-40.06
4	418.8	47	-95.26	-48.26	-13	-35.26
5	452.19	41.6	-95.26	-53.66	-13	-40.66
6	573.37	36	-95.26	-59.26	-13	-46.26

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = Reading (dB μ V/m) + Correction Factor @ 3m
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance @3m

CA-NC Non-Contiguous

10MHz+10MHz

Test Frequency	874+889 MHz	Frequency Range	Below 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	33.17	35.1	-95.26	-60.16	-13	-47.16
2	249.61	38.1	-95.26	-57.16	-13	-44.16
3	379.46	43.8	-95.26	-51.46	-13	-38.46
4	398.29	47.2	-95.26	-48.06	-13	-35.06
5	421.21	46.3	-95.26	-48.96	-13	-35.96
6	458.91	43.5	-95.26	-51.76	-13	-38.76

Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	33.3	41.6	-95.26	-53.66	-13	-40.66
2	284.6	34.9	-95.26	-60.36	-13	-47.36
3	385.14	42.4	-95.26	-52.86	-13	-39.86
4	418.37	46.9	-95.26	-48.36	-13	-35.36
5	452.07	41.5	-95.26	-53.76	-13	-40.76
6	573.12	35.7	-95.26	-59.56	-13	-46.56

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = Reading (dB μ V/m) + Correction Factor @ 3m
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance @3m

Above 1GHz
Single Carrier
5MHz

Test Frequency	871.5 MHz	Frequency Range	Above 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1743	36.5	-95.26	-58.76	-13	-45.76
2	2614.5	36.7	-95.26	-58.56	-13	-45.56
3	3486	36.7	-95.26	-58.56	-13	-45.56
4	4357.5	40.3	-95.26	-54.96	-13	-41.96

Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1743	40.45	-95.26	-54.81	-13	-41.81
2	2614.5	36.1	-95.26	-59.16	-13	-46.16
3	3486	36.4	-95.26	-58.86	-13	-45.86
4	4357.5	39.6	-95.26	-55.66	-13	-42.66

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = Reading (dB μ V/m) + Correction Factor @ 3m
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance @3m

Test Frequency	881.5 MHz	Frequency Range	Above 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1763	40.2	-95.26	-55.06	-13	-42.06
2	2644.5	36.9	-95.26	-58.36	-13	-45.36
3	3526	38.3	-95.26	-56.96	-13	-43.96
4	4407.5	39.1	-95.26	-56.16	-13	-43.16

Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1763	45.9	-95.26	-49.36	-13	-36.36
2	2644.5	36.3	-95.26	-58.96	-13	-45.96
3	3526	37.7	-95.26	-57.56	-13	-44.56
4	4407.5	38.8	-95.26	-56.46	-13	-43.46

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = Reading (dB μ V/m) + Correction Factor @ 3m
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance @3m

Test Frequency	891.5 MHz	Frequency Range	Above 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1783	37.1	-95.26	-58.16	-13	-45.16
2	2674.5	35.8	-95.26	-59.46	-13	-46.46
3	3566	37.6	-95.26	-57.66	-13	-44.66
4	4457.5	38	-95.26	-57.26	-13	-44.26

Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1783	40.4	-95.26	-54.86	-13	-41.86
2	2674.5	35.8	-95.26	-59.46	-13	-46.46
3	3566	37.9	-95.26	-57.36	-13	-44.36
4	4457.5	38.5	-95.26	-56.76	-13	-43.76

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = Reading (dB μ V/m) + Correction Factor @ 3m
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance @3m

10MHz

Test Frequency	874 MHz	Frequency Range	Above 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1748	34.1	-95.26	-61.16	-13	-48.16
2	2622	37.2	-95.26	-58.06	-13	-45.06
3	3496	36.8	-95.26	-58.46	-13	-45.46
4	4370	40.5	-95.26	-54.76	-13	-41.76

Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1748	34.5	-95.26	-60.76	-13	-47.76
2	2622	37.4	-95.26	-57.86	-13	-44.86
3	3496	36.9	-95.26	-58.36	-13	-45.36
4	4370	39.9	-95.26	-55.36	-13	-42.36

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = Reading (dB μ V/m) + Correction Factor @ 3m
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance @3m

Test Frequency	881.5 MHz	Frequency Range	Above 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1763	33.6	-95.26	-61.66	-13	-48.66
2	2644.5	36.8	-95.26	-58.46	-13	-45.46
3	3526	37.4	-95.26	-57.86	-13	-44.86
4	4407.5	38.6	-95.26	-56.66	-13	-43.66
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1763	33.7	-95.26	-61.56	-13	-48.56
2	2644.5	36.2	-95.26	-59.06	-13	-46.06
3	3526	38.4	-95.26	-56.86	-13	-43.86
4	4407.5	38.7	-95.26	-56.56	-13	-43.56

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = Reading (dB μ V/m) + Correction Factor @ 3m
2. Correction Factor (dB) = 20log(D) - 104.8; where D is the measurement distance @3m

Test Frequency	889 MHz	Frequency Range	Above 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1778	33.3	-95.26	-61.96	-13	-48.96
2	2667	34.4	-95.26	-60.86	-13	-47.86
3	3556	34.7	-95.26	-60.56	-13	-47.56
4	4445	37.9	-95.26	-57.36	-13	-44.36

Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1778	33.3	-95.26	-61.96	-13	-48.96
2	2667	33.8	-95.26	-61.46	-13	-48.46
3	3556	35.3	-95.26	-59.96	-13	-46.96
4	4445	37.6	-95.26	-57.66	-13	-44.66

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = Reading (dB μ V/m) + Correction Factor @ 3m
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance @3m

15MHz

Test Frequency	876.5 MHz	Frequency Range	Above 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1753	34.9	-95.26	-60.36	-13	-47.36
2	2629.5	37.3	-95.26	-57.96	-13	-44.96
3	3506	37.7	-95.26	-57.56	-13	-44.56
4	4382.5	39	-95.26	-56.26	-13	-43.26

Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1753	36.2	-95.26	-59.06	-13	-46.06
2	2629.5	37.2	-95.26	-58.06	-13	-45.06
3	3506	36.8	-95.26	-58.46	-13	-45.46
4	4382.5	38.9	-95.26	-56.36	-13	-43.36

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = Reading (dB μ V/m) + Correction Factor @ 3m
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance @3m

Test Frequency	881.5 MHz	Frequency Range	Above 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1763	34.2	-95.26	-61.06	-13	-48.06
2	2644.5	36.8	-95.26	-58.46	-13	-45.46
3	3526	38.7	-95.26	-56.56	-13	-43.56
4	4407.5	38	-95.26	-57.26	-13	-44.26

Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1763	33.6	-95.26	-61.66	-13	-48.66
2	2644.5	36.1	-95.26	-59.16	-13	-46.16
3	3526	38.3	-95.26	-56.96	-13	-43.96
4	4407.5	39	-95.26	-56.26	-13	-43.26

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = Reading (dB μ V/m) + Correction Factor @ 3m
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance @3m

Test Frequency	886.5 MHz	Frequency Range	Above 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1773	35.2	-95.26	-60.06	-13	-47.06
2	2659.5	36	-95.26	-59.26	-13	-46.26
3	3546	38.1	-95.26	-57.16	-13	-44.16
4	4432.5	38.5	-95.26	-56.76	-13	-43.76

Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1773	33.1	-95.26	-62.16	-13	-49.16
2	2659.5	35.7	-95.26	-59.56	-13	-46.56
3	3546	38.3	-95.26	-56.96	-13	-43.96
4	4432.5	39.4	-95.26	-55.86	-13	-42.86

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = Reading (dB μ V/m) + Correction Factor @ 3m
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance @3m

20MHz

Test Frequency	879 MHz	Frequency Range	Above 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1758	34	-95.26	-61.26	-13	-48.26
2	2637	36.5	-95.26	-58.76	-13	-45.76
3	3516	37.4	-95.26	-57.86	-13	-44.86
4	4395	39.4	-95.26	-55.86	-13	-42.86
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1758	33.3	-95.26	-61.96	-13	-48.96
2	2637	37	-95.26	-58.26	-13	-45.26
3	3516	37.6	-95.26	-57.66	-13	-44.66
4	4395	39.3	-95.26	-55.96	-13	-42.96

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = Reading (dB μ V/m) + Correction Factor @ 3m
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance @3m

Test Frequency	881.5 MHz	Frequency Range	Above 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1763	34.7	-95.26	-60.56	-13	-47.56
2	2644.5	36.7	-95.26	-58.56	-13	-45.56
3	3526	37.6	-95.26	-57.66	-13	-44.66
4	4407.5	38.3	-95.26	-56.96	-13	-43.96

Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1763	33.6	-95.26	-61.66	-13	-48.66
2	2644.5	36.6	-95.26	-58.66	-13	-45.66
3	3526	37.4	-95.26	-57.86	-13	-44.86
4	4407.5	38.9	-95.26	-56.36	-13	-43.36

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = Reading (dB μ V/m) + Correction Factor @ 3m
2. Correction Factor (dB) = 20log(D) - 104.8; where D is the measurement distance @3m

Test Frequency	884 MHz	Frequency Range	Above 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1768	35.8	-95.26	-59.46	-13	-46.46
2	2652	36	-95.26	-59.26	-13	-46.26
3	3536	37.9	-95.26	-57.36	-13	-44.36
4	4420	38.2	-95.26	-57.06	-13	-44.06

Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1768	33.7	-95.26	-61.56	-13	-48.56
2	2652	36.3	-95.26	-58.96	-13	-45.96
3	3536	38	-95.26	-57.26	-13	-44.26
4	4420	38.7	-95.26	-56.56	-13	-43.56

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = Reading (dB μ V/m) + Correction Factor @ 3m
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance @3m

CA Contiguous

5MHz+20MHz

Test Frequency	871.5+884 MHz	Frequency Range	Above 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1743	39.5	-95.26	-55.76	-13	-42.76
2	1768	41.2	-95.26	-54.06	-13	-41.06
3	2614.5	37.5	-95.26	-57.76	-13	-44.76
4	2652	36.6	-95.26	-58.66	-13	-45.66
5	3486	36.9	-95.26	-58.36	-13	-45.36
6	3536	38.1	-95.26	-57.16	-13	-44.16
7	4357.5	39.4	-95.26	-55.86	-13	-42.86
8	4420	37.9	-95.26	-57.36	-13	-44.36

Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1743	39.7	-95.26	-55.56	-13	-42.56
2	1768	41.6	-95.26	-53.66	-13	-40.66
3	2614.5	37.5	-95.26	-57.76	-13	-44.76
4	2652	36.1	-95.26	-59.16	-13	-46.16
5	3486	36.7	-95.26	-58.56	-13	-45.56
6	3536	38.1	-95.26	-57.16	-13	-44.16
7	4357.5	39.3	-95.26	-55.96	-13	-42.96
8	4420	38.3	-95.26	-56.96	-13	-43.96

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = Reading (dB μ V/m) + Correction Factor @ 3m
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance @3m

CA-NC Non-Contiguous

10MHz+10MHz

Test Frequency	874+889 MHz	Frequency Range	Above 1000 MHz
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Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1748	39	-95.26	-56.26	-13	-43.26
2	1778	41.2	-95.26	-54.06	-13	-41.06
3	2622	38	-95.26	-57.26	-13	-44.26
4	2667	36.3	-95.26	-58.96	-13	-45.96
5	3496	36.7	-95.26	-58.56	-13	-45.56
6	3556	38.4	-95.26	-56.86	-13	-43.86
7	4370	39.1	-95.26	-56.16	-13	-43.16
8	4445	37.7	-95.26	-57.56	-13	-44.56

Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1748	39.2	-95.26	-56.06	-13	-43.06
2	1778	41.7	-95.26	-53.56	-13	-40.56
3	2622	37.8	-95.26	-57.46	-13	-44.46
4	2667	36.3	-95.26	-58.96	-13	-45.96
5	3496	36.6	-95.26	-58.66	-13	-45.66
6	3556	38.1	-95.26	-57.16	-13	-44.16
7	4370	39	-95.26	-56.26	-13	-43.26
8	4445	38.2	-95.26	-57.06	-13	-44.06

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = Reading (dB μ V/m) + Correction Factor @ 3m
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance @3m

5 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo).

Appendix – Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited according to ISO/IEC 17025.

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The address and road map of all our labs can be found in our web site also.

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