9.7.2. Band 7 Conducted Band Edge Emissions

9.7.2.1 QPSK

Equipment Configuration for Conducted Band-Edge Emissions			

Variant:	5 MHz Bandwidth	**Duty Cycle (%):**	100
Data Rate:	-	**Antenna Gain (dBi):**	0
Modulation:	QPSK	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Band-Edge Frequency:	2500.0 MHz & 2570.0 MHz					
Channel Frequency	**Band-Edge Markers and Limit**			**Revised Limit**		**Margin**
	Amplitude (dBm)	**Plot Limit (dBm)**	**Frequency (MHz)**	**Amplitude (dBm)**	**M2A Frequency (MHz)**	**(MHz)**
2502.5 (1 RB)	-28.79	-13	2500.0	--	--	-15.79
2567.5 (1 RB)	-30.04	-13	2570.0	--	--	-17.04
2502.5 (Full RB)	-38.12	-13	2500.0	--	--	-25.12
2567.5 (Full RB)	-38.77	-13	2570.0	--	--	-25.77

Traceability to Industry Recognized Test Methodologies	
Work Instruction:	WI-05 MEASUREMENT OF SPURIOUS EMISSIONS
Measurement Uncertainty:	<=40 GHz 2.37 dB, > 40 GHz 4.6 dB

Note: click the links in the above matrix to view the graphical image (plot).
Note: RB = Resource Blocks

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Equipment Configuration for Conducted Band-Edge Emissions

Variant:	10 MHz Bandwidth	**Duty Cycle (%):**	100
Data Rate:	-	**Antenna Gain (dBi):**	0
Modulation:	QPSK	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Band-Edge Frequency:	2500.0 MHz & 2570.0 MHz					
Channel Frequency	**Band-Edge Markers and Limit**			**Revised Limit**		**Margin**
	Amplitude (dBm)	**Plot Limit (dBm)**	**Frequency (MHz)**	**Amplitude (dBm)**	**M2A Frequency (MHz)**	**(MHz)**
2505.0 (1 RB)	-38.77	-13	2500.0	--	--	-25.77
2565.0 (1 RB)	-44.79	-13	2570.0	--	--	-31.79
2505.0 (Full RB)	-39.46	-13	2500.0	--	--	-26.46
2565.0 (Full RB)	-42.98	-13	2570.0	--	--	-29.98

Traceability to Industry Recognized Test Methodologies

Work Instruction:	WI-05 MEASUREMENT OF SPURIOUS EMISSIONS
Measurement Uncertainty:	<=40 GHz 2.37 dB, > 40 GHz 4.6 dB

Note: click the links in the above matrix to view the graphical image (plot).
Note: RB = Resource Blocks

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Equipment Configuration for Conducted Band-Edge Emissions

Variant:	15 MHz Bandwidth	**Duty Cycle (%):**	100
Data Rate:	-	**Antenna Gain (dBi):**	0
Modulation:	QPSK	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Band-Edge Frequency:	2500.0 MHz & 2570.0 MHz					
Channel Frequency	**Band-Edge Markers and Limit**			**Revised Limit**		**Margin**
	Amplitude (dBm)	**Plot Limit (dBm)**	**Frequency (MHz)**	**Amplitude (dBm)**	**M2A Frequency (MHz)**	**(MHz)**
2507.5 (1 RB)	-34.60	-13	2500.0	--	--	-21.60
2560.0 (1 RB)	-39.46	-13	2570.0	--	--	-26.46
2507.5 (Full RB)	-38.44	-13	2500.0	--	--	-25.44
2560.0 (Full RB)	-38.44	-13	2570.0	--	--	-25.44

Traceability to Industry Recognized Test Methodologies	
Work Instruction:	WI-05 MEASUREMENT OF SPURIOUS EMISSIONS
Measurement Uncertainty:	<=40 GHz 2.37 dB, > 40 GHz 4.6 dB

Note: click the links in the above matrix to view the graphical image (plot).
Note: RB = Resource Blocks

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Equipment Configuration for Conducted Band-Edge Emissions

Variant:	20 MHz Bandwidth	**Duty Cycle (%):**	100
Data Rate:	-	**Antenna Gain (dBi):**	0
Modulation:	QPSK	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Band-Edge Frequency:	2500.0 MHz & 2570.0 MHz					
Channel Frequency	**Band-Edge Markers and Limit**			**Revised Limit**		**Margin**
	Amplitude (dBm)	**Plot Limit (dBm)**	**Frequency (MHz)**	**Amplitude (dBm)**	**M2A Frequency (MHz)**	**(MHz)**
2510.0 (1 RB)	-39.11	-13	2500.0	--	--	-26.11
2560.0 (1 RB)	-43.54	-13	2570.0	--	--	-30.54
2510.0 (Full RB)	-38.44	-13	2500.0	--	--	-25.44
2560.0 (Full RB)	-39.11	-13	2570.0	--	--	-26.11

Traceability to Industry Recognized Test Methodologies	
Work Instruction:	WI-05 MEASUREMENT OF SPURIOUS EMISSIONS
Measurement Uncertainty:	<=40 GHz 2.37 dB, > 40 GHz 4.6 dB

Note: click the links in the above matrix to view the graphical image (plot).
Note: RB = Resource Blocks

9.7.2.1 16QAM

Equipment Configuration for Conducted Band-Edge Emissions		

Variant:	5 MHz Bandwidth	**Duty Cycle (%):**	100
Data Rate:	-	**Antenna Gain (dBi):**	0
Modulation:	16QAM	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Band-Edge Frequency:	2500.0 MHz & 2570.0 MHz

Channel Frequency	Band-Edge Markers and Limit			Revised Limit		Margin
	Amplitude (dBm)	Plot Limit (dBm)	Frequency (MHz)	Amplitude (dBm)	M2A Frequency (MHz)	(MHz)
2502.5 (Part RB)	-34.81	-13	2500.0	--	--	-21.81
2567.5 (Part RB)	-36.44	-13	2570.0	--	--	-23.44
2502.5 (Full RB)	-38.44	-13	2500.0	--	--	-25.44
2567.5 (Full RB)	-44.79	-13	2570.0	--	--	-31.79

Traceability to Industry Recognized Test Methodologies	
Work Instruction:	WI-05 MEASUREMENT OF SPURIOUS EMISSIONS
Measurement Uncertainty:	<=40 GHz 2.37 dB, > 40 GHz 4.6 dB

Note: click the links in the above matrix to view the graphical image (plot).
Note: RB = Resource Blocks & Part = Partial

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Equipment Configuration for Conducted Band-Edge Emissions

Variant:	10 MHz Bandwidth	**Duty Cycle (%):**	100
Data Rate:	-	**Antenna Gain (dBi):**	0
Modulation:	16QAM	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Band-Edge Frequency:	2500.0 MHz & 2570.0 MHz					
Channel Frequency	**Band-Edge Markers and Limit**			**Revised Limit**		**Margin**
	Amplitude (dBm)	**Plot Limit (dBm)**	**Frequency (MHz)**	**Amplitude (dBm)**	**M2A Frequency (MHz)**	**(MHz)**
2505.0 (Part RB)	-36.96	-13	2500.0	--	--	-23.96
2565.0 (Part RB)	-36.96	-13	2570.0	--	--	-23.96
2505.0 (Full RB)	-41.96	-13	2500.0	--	--	-28.96
2565.0 (Full RB)	-44.14	-13	2570.0	--	--	-31.14

Traceability to Industry Recognized Test Methodologies	
Work Instruction:	WI-05 MEASUREMENT OF SPURIOUS EMISSIONS
Measurement Uncertainty:	<=40 GHz 2.37 dB, > 40 GHz 4.6 dB

Note: click the links in the above matrix to view the graphical image (plot).
Note: RB = Resource Blocks & Part = Partial

	Equipment Configuration for Conducted Band-Edge Emissions	

Variant:	15 MHz Bandwidth	**Duty Cycle (%):**	100
Data Rate:	-	**Antenna Gain (dBi):**	0
Modulation:	16QAM	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Band-Edge Frequency:	2500.0 MHz & 2570.0 MHz					
Channel Frequency	**Band-Edge Markers and Limit**			**Revised Limit**		**Margin**
	Amplitude (dBm)	**Plot Limit (dBm)**	**Frequency (MHz)**	**Amplitude (dBm)**	**M2A Frequency (MHz)**	**(MHz)**
2507.5 (Part RB)	-39.11	-13	2500.0	--	--	-26.11
2560.0 (Part RB)	-34.00	-13	2570.0	--	--	-21.00
2507.5 (Full RB)	-40.22	-13	2500.0	--	--	-27.22
2560.0 (Full RB)	-39.46	-13	2570.0	--	--	-26.46

Traceability to Industry Recognized Test Methodologies	
Work Instruction:	WI-05 MEASUREMENT OF SPURIOUS EMISSIONS
Measurement Uncertainty:	<=40 GHz 2.37 dB, > 40 GHz 4.6 dB

Note: click the links in the above matrix to view the graphical image (plot).
Note: RB = Resource Blocks & Part = Partial

Equipment Configuration for Conducted Band-Edge Emissions

Variant:	20 MHz Bandwidth	**Duty Cycle (%):**	100
Data Rate:	-	**Antenna Gain (dBi):**	0
Modulation:	16QAM	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Band-Edge Frequency:	2500.0 MHz & 2570.0 MHz					
Channel Frequency	**Band-Edge Markers and Limit**			**Revised Limit**		**Margin**
	Amplitude (dBm)	**Plot Limit (dBm)**	**Frequency (MHz)**	**Amplitude (dBm)**	**M2A Frequency (MHz)**	**(MHz)**
2510.0 (Part RB)	-41.96	-13	2500.0	--	--	-28.96
2560.0 (Part RB)	-40.62	-13	2570.0	--	--	-27.62
2510.0 (Full RB)	-39.83	-13	2500.0	--	--	-26.83
2560.0 (Full RB)	-34.81	-13	2570.0	--	--	-21.81

Traceability to Industry Recognized Test Methodologies	
Work Instruction:	WI-05 MEASUREMENT OF SPURIOUS EMISSIONS
Measurement Uncertainty:	<=40 GHz 2.37 dB, > 40 GHz 4.6 dB

Note: click the links in the above matrix to view the graphical image (plot).
Note: RB = Resource Blocks & Part = Partial

9.7.3. Band 41 Conducted Band Edge Emissions

9.7.3.1 QPSK

Equipment Configuration for Conducted Band-Edge Emissions			
Variant:	5 MHz Bandwidth	**Duty Cycle (%):**	100
Data Rate:	-	**Antenna Gain (dBi):**	0
Modulation:	QPSK	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Band-Edge Frequency:	2496.0 MHz & 2690.0 MHz					
Channel Frequency	**Band-Edge Markers and Limit**			**Revised Limit**		**Margin**
	Amplitude (dBm)	**Plot Limit (dBm)**	**Frequency (MHz)**	**Amplitude (dBm)**	**M2A Frequency (MHz)**	**(MHz)**
2498.5 (1 RB)	-36.70	-13	2496.0	--	--	-23.70
2687.5 (1 RB)	-41.05	-13	2690.0	--	--	-28.05
2498.5 (Full RB)	-45.48	-13	2496.0	--	--	-32.48
2687.5 (Full RB)	-51.50	-13	2690.0	--	--	-38.50

Traceability to Industry Recognized Test Methodologies	
Work Instruction:	WI-05 MEASUREMENT OF SPURIOUS EMISSIONS
Measurement Uncertainty:	<=40 GHz 2.37 dB, > 40 GHz 4.6 dB

Note: click the links in the above matrix to view the graphical image (plot).
Note: RB = Resource Blocks

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Equipment Configuration for Conducted Band-Edge Emissions

Variant:	10 MHz Bandwidth	**Duty Cycle (%):**	100
Data Rate:	-	**Antenna Gain (dBi):**	0
Modulation:	QPSK	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Band-Edge Frequency:	2496.0 MHz & 2690.0 MHz					
Channel Frequency	**Band-Edge Markers and Limit**			**Revised Limit**		**Margin**
	Amplitude (dBm)	**Plot Limit (dBm)**	**Frequency (MHz)**	**Amplitude (dBm)**	**M2A Frequency (MHz)**	**(MHz)**
2501.0 (1 RB)	-42.98	-13	2496.0	--	--	-29.98
2685.0 (1 RB)	-49.00	-13	2690.0	--	--	-36.00
2501.0 (Full RB)	-47.98	-13	2496.0	--	--	-34.98
2685.0 (Full RB)	-51.502	-13	2690.0	--	--	-38.50

Traceability to Industry Recognized Test Methodologies

Work Instruction:	WI-05 MEASUREMENT OF SPURIOUS EMISSIONS
Measurement Uncertainty:	<=40 GHz 2.37 dB, > 40 GHz 4.6 dB

Note: click the links in the above matrix to view the graphical image (plot).
Note: RB = Resource Blocks

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Equipment Configuration for Conducted Band-Edge Emissions	

Variant:	15 MHz Bandwidth	**Duty Cycle (%):**	100
Data Rate:	-	**Antenna Gain (dBi):**	0
Modulation:	QPSK	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Band-Edge Frequency:	2496.00 MHz & 2690.0 MHz					
Channel Frequency	**Band-Edge Markers and Limit**			**Revised Limit**		**Margin**
	Amplitude (dBm)	**Plot Limit (dBm)**	**Frequency (MHz)**	**Amplitude (dBm)**	**M2A Frequency (MHz)**	**(MHz)**
2503.5 (1 RB)	-41.05	-13	2496.0	--	--	-28.05
2682.5 (1 RB)	-41.96	-13	2690.0	--	--	-28.96
2503.5 (Full RB)	-49.00	-13	2496.0	--	--	-36.00
2682.5 (Full RB)	-51.50	-13	2690.0	--	--	-38.50

Traceability to Industry Recognized Test Methodologies	
Work Instruction:	WI-05 MEASUREMENT OF SPURIOUS EMISSIONS
Measurement Uncertainty:	<=40 GHz 2.37 dB, > 40 GHz 4.6 dB

Note: click the links in the above matrix to view the graphical image (plot).
Note: RB = Resource Blocks

Equipment Configuration for Conducted Band-Edge Emissions			

Variant:	20 MHz Bandwidth	**Duty Cycle (%):**	100
Data Rate:	-	**Antenna Gain (dBi):**	0
Modulation:	QPSK	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Band-Edge Frequency:	2496.0 MHz & 2690.0 MHz					
Channel Frequency	**Band-Edge Markers and Limit**			**Revised Limit**		**Margin**
	Amplitude (dBm)	**Plot Limit (dBm)**	**Frequency (MHz)**	**Amplitude (dBm)**	**M2A Frequency (MHz)**	**(MHz)**
2506.0 (1 RB)	-38.00	-13	2496.0	--	--	-25.00
2680.0 (1 RB)	-49.00	-13	2690.0	--	--	-36.00
2506.0 (Full RB)	-53.09	-13	2496.0	--	--	-40.09
2680.0 (Full RB)	: -51.50	-13	2690.0	--	--	-38.50

Traceability to Industry Recognized Test Methodologies	
Work Instruction:	WI-05 MEASUREMENT OF SPURIOUS EMISSIONS
Measurement Uncertainty:	<=40 GHz 2.37 dB, > 40 GHz 4.6 dB

Note: click the links in the above matrix to view the graphical image (plot).
Note: RB = Resource Blocks

9.7.3.1 16QAM

Equipment Configuration for Conducted Band-Edge Emissions	

Variant:	5 MHz Bandwidth	**Duty Cycle (%):**	100
Data Rate:	-	**Antenna Gain (dBi):**	0
Modulation:	16QAM	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Band-Edge Frequency:	2496.0 MHz & 2690.0 MHz

Channel Frequency	Band-Edge Markers and Limit			Revised Limit		Margin
	Amplitude (dBm)	Plot Limit (dBm)	Frequency (MHz)	Amplitude (dBm)	M2A Frequency (MHz)	(MHz)
2498.5 (1 RB)	-41.96	-13	2496.0	--	--	-28.96
2687.5 (1 RB)	-44.14	-13	2690.0	--	--	-31.14
2498.5 (Full RB)	-51.50	-13	2690.0	--	--	-38.50
2687.5 (Full RB)	-50.16	-13	2690.0	--	--	-37.16

Traceability to Industry Recognized Test Methodologies

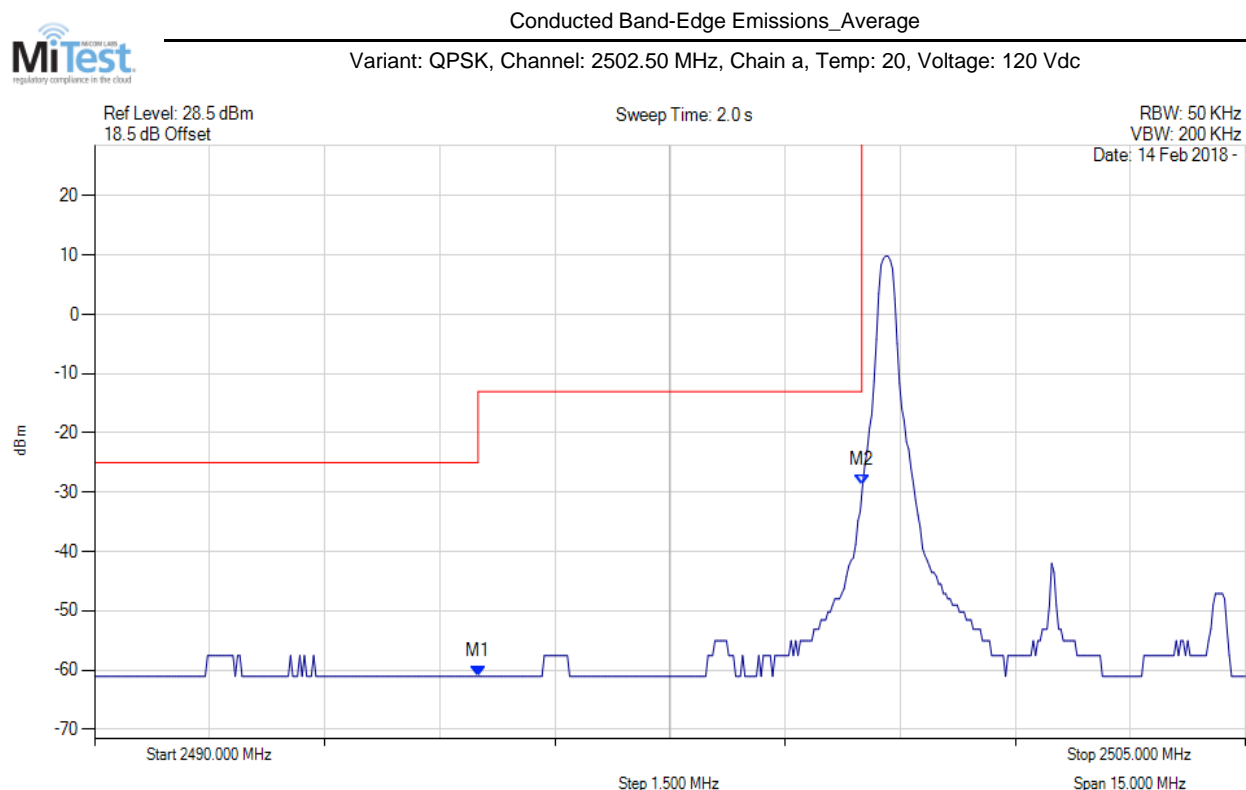|	
Work Instruction:	WI-05 MEASUREMENT OF SPURIOUS EMISSIONS
Measurement Uncertainty:	<=40 GHz 2.37 dB, > 40 GHz 4.6 dB

Note: click the links in the above matrix to view the graphical image (plot).
Note: RB = Resource Blocks & Part = Partial

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Equipment Configuration for Conducted Band-Edge Emissions			

Variant:	10 MHz Bandwidth	**Duty Cycle (%):**	100
Data Rate:	-	**Antenna Gain (dBi):**	0
Modulation:	16QAM	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Band-Edge Frequency:	2496.0 MHz & 2690.0 MHz					
Channel Frequency	**Band-Edge Markers and Limit**			**Revised Limit**		**Margin**
	Amplitude (dBm)	**Plot Limit (dBm)**	**Frequency (MHz)**	**Amplitude (dBm)**	**M2A Frequency (MHz)**	**(MHz)**
2501.0 (1 RB)	-45.48	-13	2496.0	--	--	-32.48
2685.0 (1 RB)	-50.16	-13	2690.0	--	--	-37.16
2501.0 (Full RB)	-51.50	-13	2496.0	--	--	-38.50
2685.0 (Full RB)	-53.09	-13	2690.0	--	--	-40.09

Traceability to Industry Recognized Test Methodologies	
Work Instruction:	WI-05 MEASUREMENT OF SPURIOUS EMISSIONS
Measurement Uncertainty:	<=40 GHz 2.37 dB, > 40 GHz 4.6 dB

Note: click the links in the above matrix to view the graphical image (plot).
Note: RB = Resource Blocks & Part = Partial

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Equipment Configuration for Conducted Band-Edge Emissions			

Variant:	15 MHz Bandwidth	**Duty Cycle (%):**	100
Data Rate:	-	**Antenna Gain (dBi):**	0
Modulation:	16QAM	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Band-Edge Frequency:	2496.00 MHz & 2690.0 MHz					
Channel Frequency	**Band-Edge Markers and Limit**			**Revised Limit**		**Margin**
	Amplitude (dBm)	**Plot Limit (dBm)**	**Frequency (MHz)**	**Amplitude (dBm)**	**M2A Frequency (MHz)**	**(MHz)**
2503.5 (1 RB)	-44.14	-13	2496.0	--	--	-31.14
2682.5 (1 RB)	-45.48	-13	2690.0	--	--	-32.48
2503.5 (Full RB)	-49.00	-13	2496.0	--	--	-36.00
2682.5 (Full RB)	-53.09	-13	2690.0	--	--	-40.09

Traceability to Industry Recognized Test Methodologies	
Work Instruction:	WI-05 MEASUREMENT OF SPURIOUS EMISSIONS
Measurement Uncertainty:	<=40 GHz 2.37 dB, > 40 GHz 4.6 dB

Note: click the links in the above matrix to view the graphical image (plot).
Note: RB = Resource Blocks & Part = Partial

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Equipment Configuration for Conducted Band-Edge Emissions

Variant:	20 MHz Bandwidth	**Duty Cycle (%):**	100
Data Rate:	-	**Antenna Gain (dBi):**	0
Modulation:	16QAM	**Beam Forming Gain (Y)(dB):**	Not Applicable
TPC:	Not Applicable	**Tested By:**	SB
Engineering Test Notes:			

Test Measurement Results

Band-Edge Frequency:	2496.0 MHz & 2690.0 MHz					
Channel Frequency	**Band-Edge Markers and Limit**			**Revised Limit**		**Margin**
	Amplitude (dBm)	**Plot Limit (dBm)**	**Frequency (MHz)**	**Amplitude (dBm)**	**M2A Frequency (MHz)**	**(MHz)**
2506.0 (1 RB)	-49.00	-13	2496.0	--	--	-36.00
2680.0 (1 RB)	-46.24	-13	2690.0	--	--	-33.24
2506.0 (Full RB)	-55.02	-13	2496.0	--	--	-42.02
2680.0 (Full RB)	-53.09	-13	2690.0	--	--	-40.09

Traceability to Industry Recognized Test Methodologies	
Work Instruction:	WI-05 MEASUREMENT OF SPURIOUS EMISSIONS
Measurement Uncertainty:	<=40 GHz 2.37 dB, > 40 GHz 4.6 dB

Note: click the links in the above matrix to view the graphical image (plot).
Note: RB = Resource Blocks & Part = Partial

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9.7.4   Band 7: Conducted Band Edge Emissions

9.7.4.1   QPSK:

Conducted Band-Edge Emissions_Average

Variant: QPSK, Channel: 2502.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc
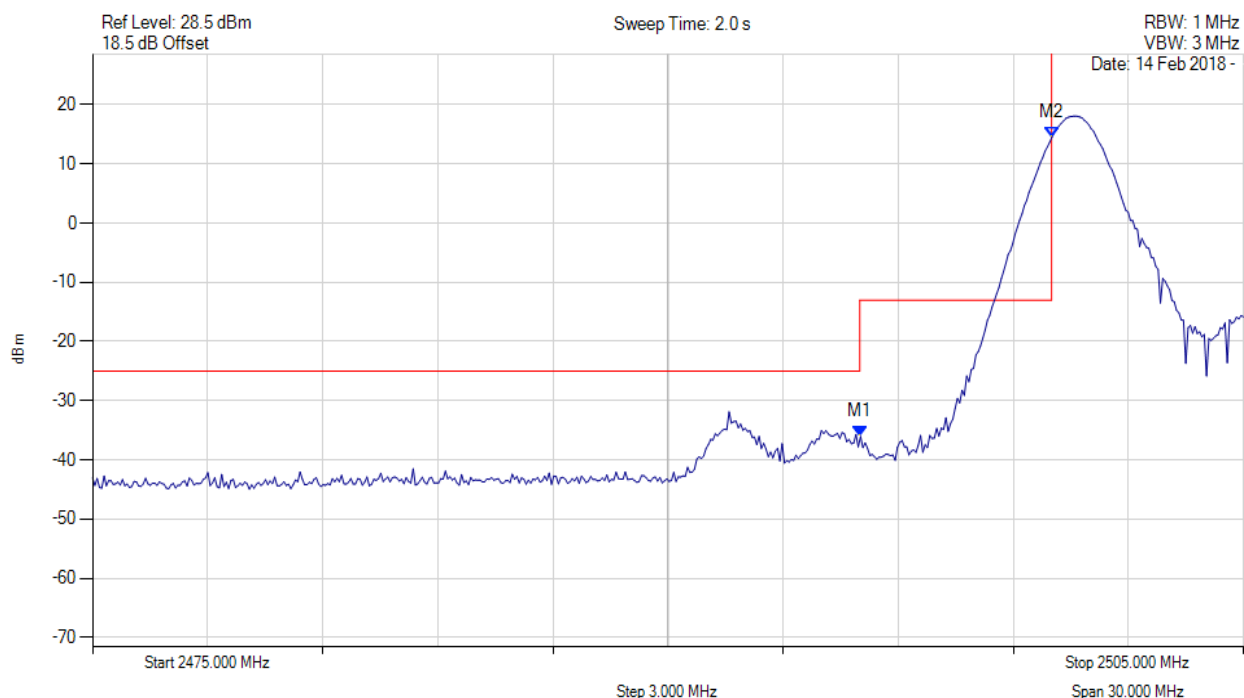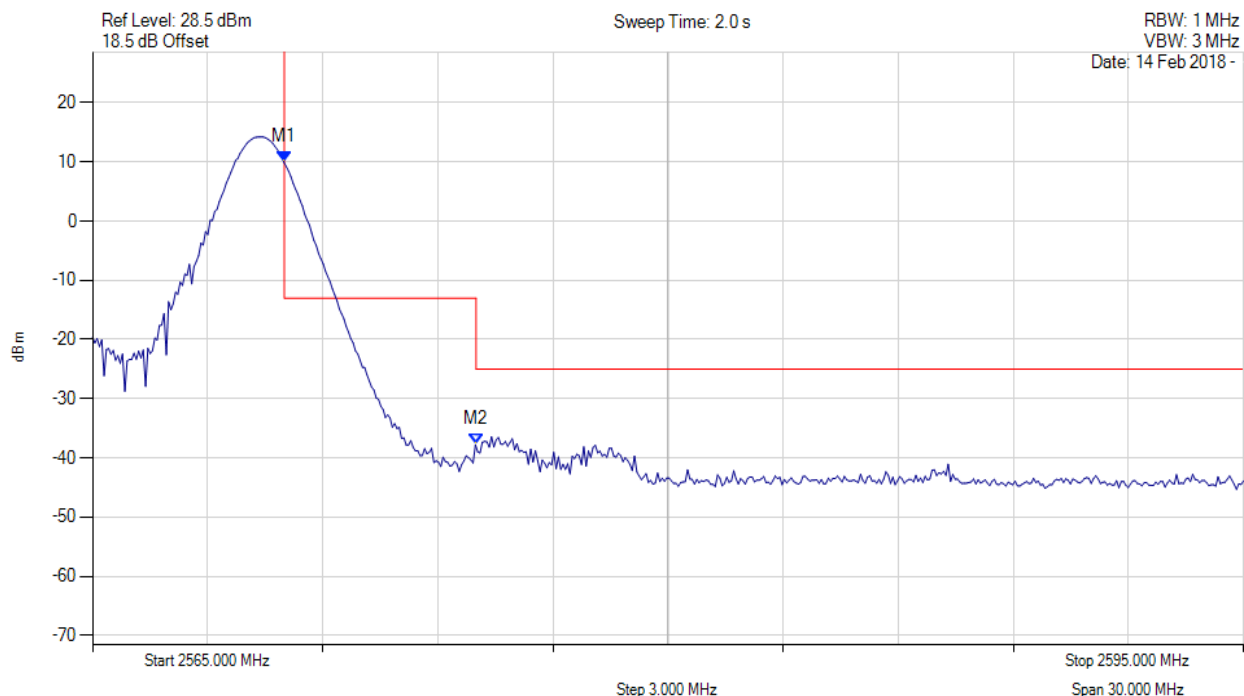

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2495.000 MHz : -61.045 dBm M2 : 2500.000 MHz : -28.789 dBm	Channel Frequency: 2502.50 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

Variant: QPSK, Channel: 2502.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2495.000 MHz : -39.999 dBm M2 : 2500.000 MHz : 17.046 dBm	Channel Frequency: 2502.50 MHz

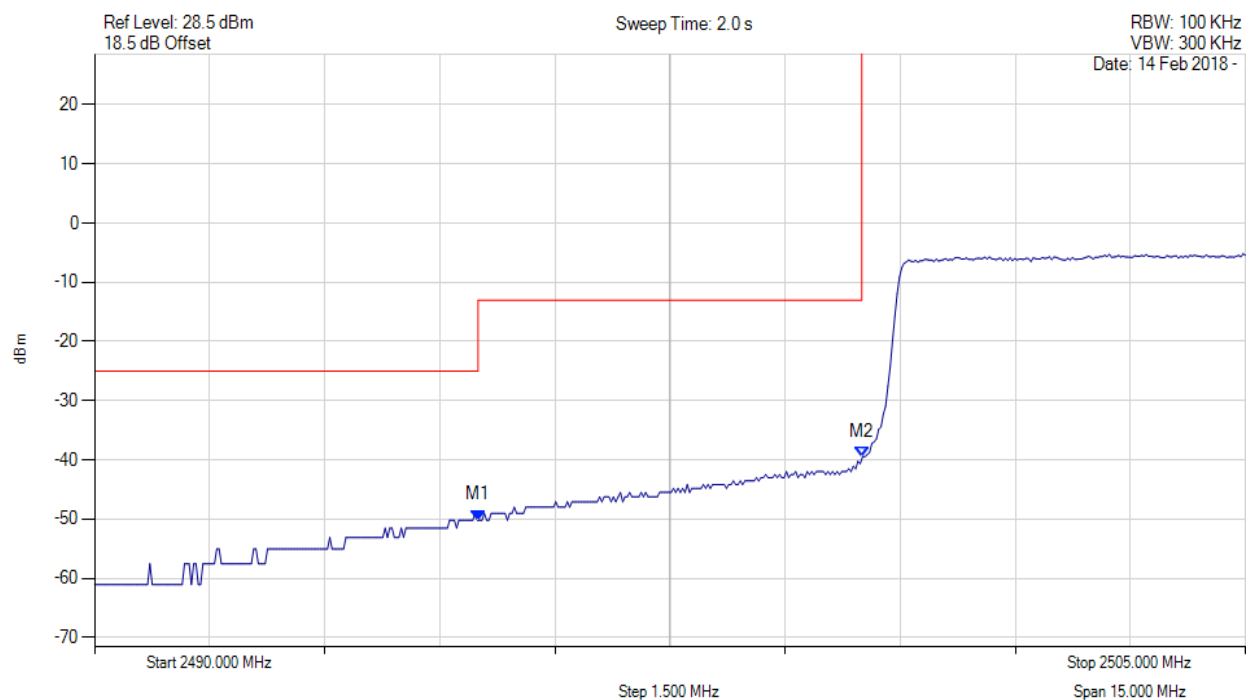back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

Variant: QPSK, Channel: 2567.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2570.000 MHz : -30.040 dBm M2 : 2575.000 MHz : -61.045 dBm	Channel Frequency: 2567.50 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

Variant: QPSK, Channel: 2567.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2570.000 MHz : 12.673 dBm M2 : 2575.000 MHz : -41.886 dBm	Channel Frequency: 2567.50 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

Variant: QPSK, Channel: 2502.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

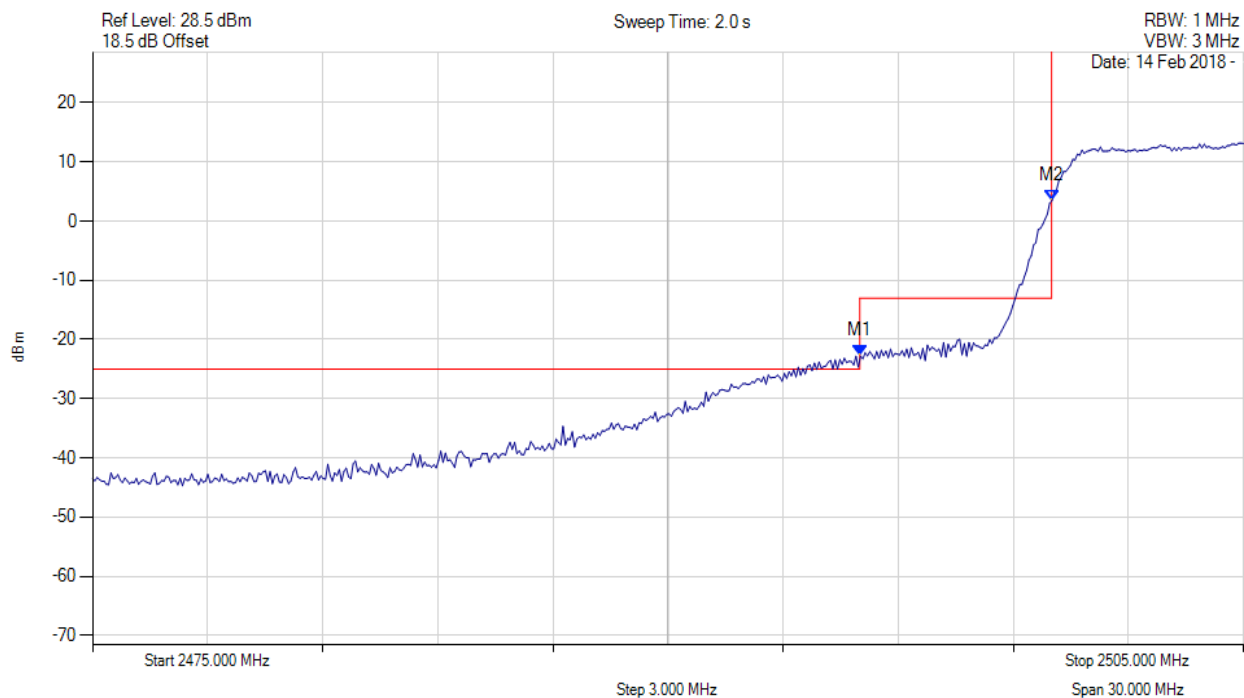| Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2495.000 MHz : -57.523 dBm M2 : 2500.000 MHz : -38.122 dBm	Channel Frequency: 2502.50 MHz

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Conducted Band-Edge Emissions_Peak

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Variant: QPSK, Channel: 2502.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Ref Level: 28.5 dBm
18.5 dB Offset

Sweep Time: 2.0 s

RBW: 1 MHz
VBW: 3 MHz
Date: 14 Feb 2018 -

Start 2475.000 MHz
Step 3.000 MHz
Stop 2505.000 MHz
Span 30.000 MHz

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2495.000 MHz : -23.310 dBm M2 : 2500.000 MHz : 10.133 dBm	Channel Frequency: 2502.50 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

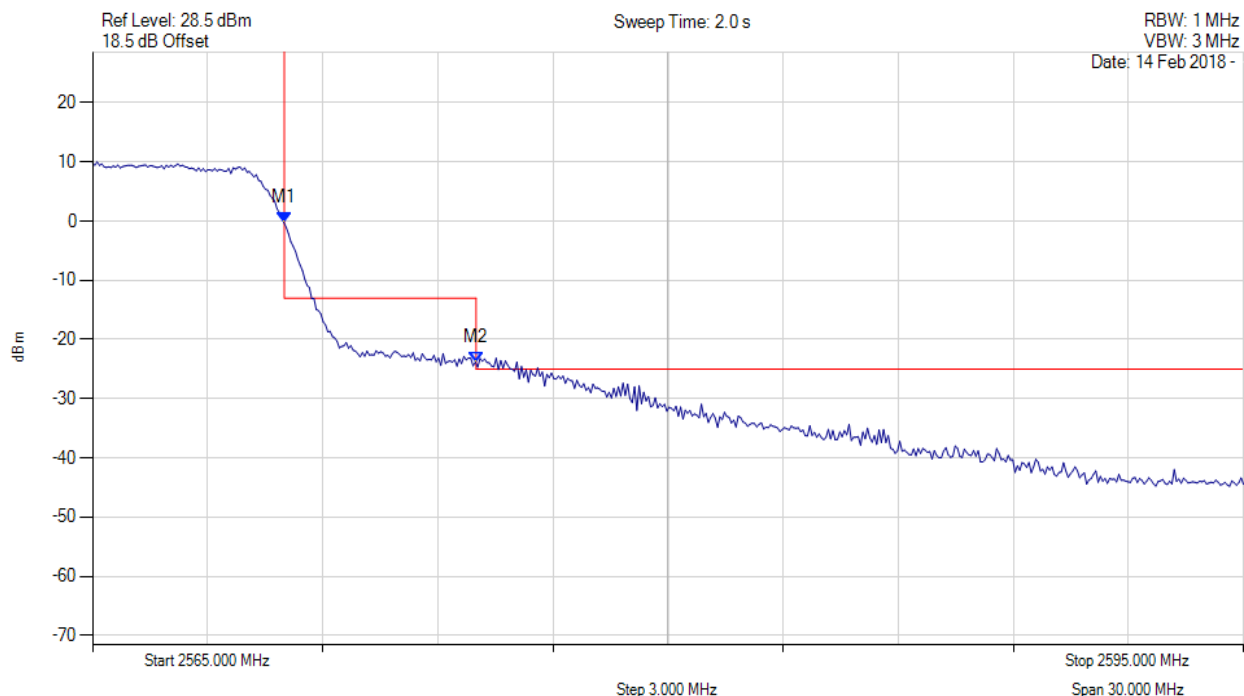Variant: QPSK, Channel: 2567.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2570.000 MHz : -38.766 dBm M2 : 2575.000 MHz : -55.024 dBm	Channel Frequency: 2567.50 MHz

back to matrix

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Conducted Band-Edge Emissions_Peak

MiTest

Variant: QPSK, Channel: 2567.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Ref Level: 28.5 dBm
18.5 dB Offset

Sweep Time: 2.0 s

RBW: 1 MHz
VBW: 3 MHz
Date: 14 Feb 2018 -

Start 2565.000 MHz
Step 3.000 MHz
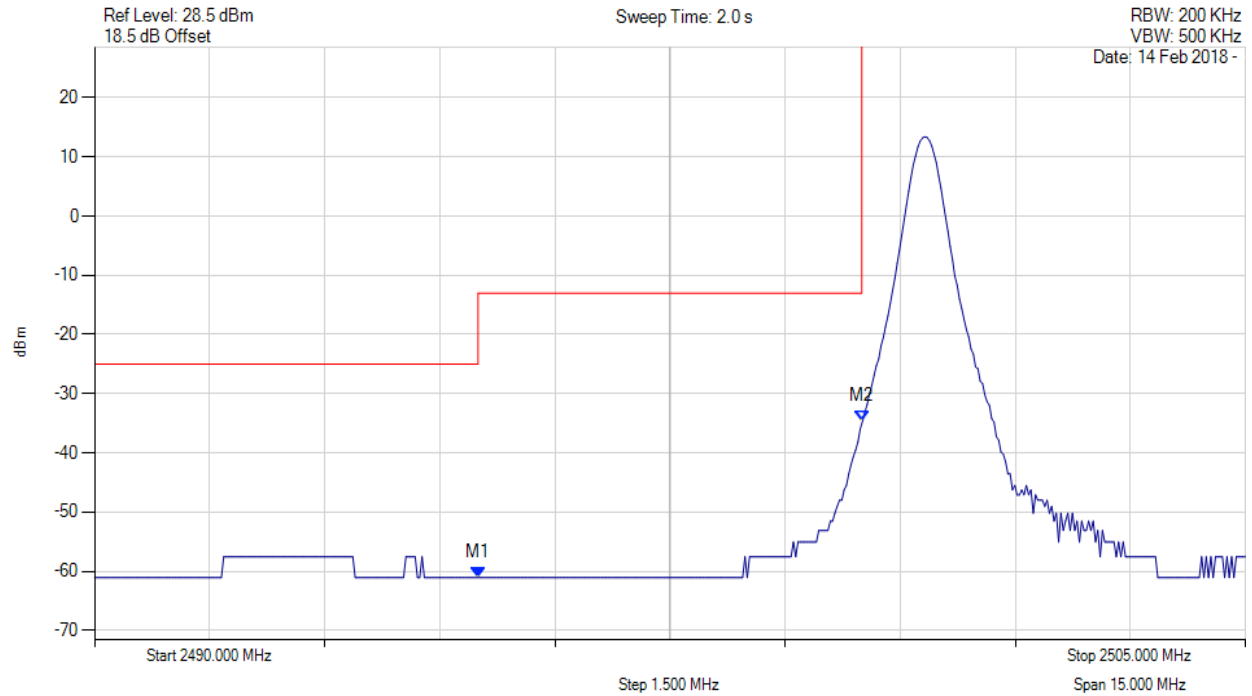Stop 2595.000 MHz
Span 30.000 MHz

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2570.000 MHz : 6.393 dBm M2 : 2575.000 MHz : -25.982 dBm	Channel Frequency: 2567.50 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

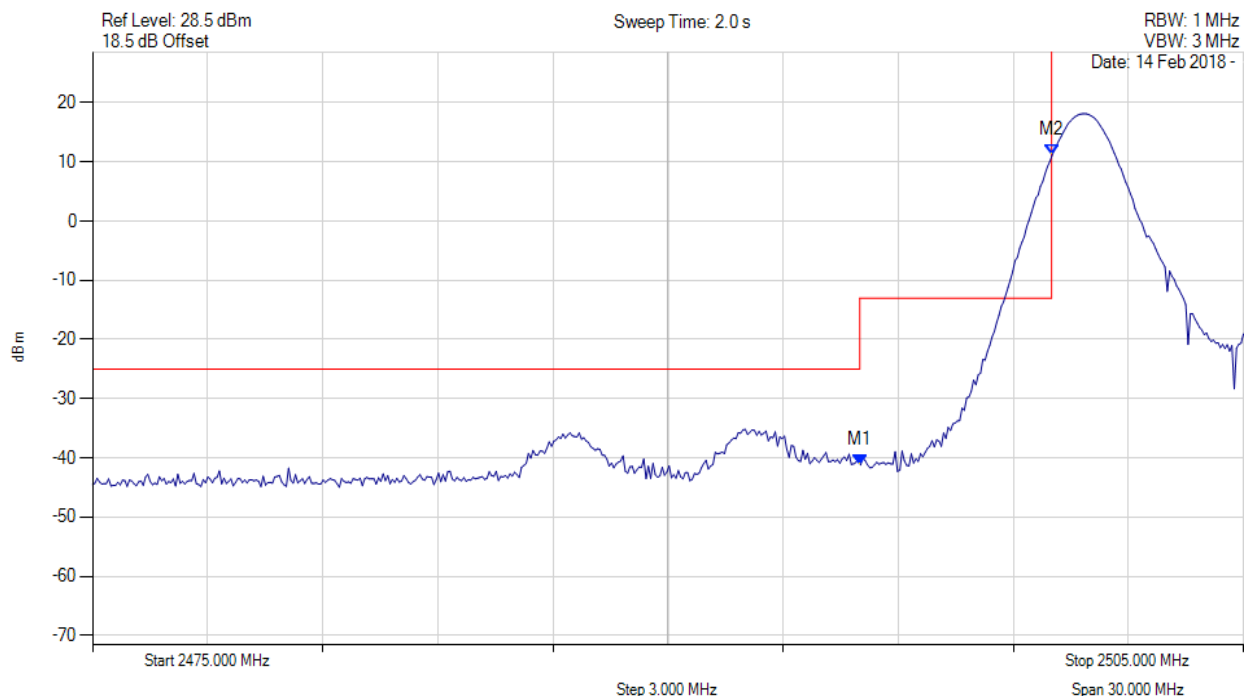Variant: QPSK, Channel: 2505.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2495.000 MHz : -61.045 dBm M2 : 2500.000 MHz : -38.766 dBm	Channel Frequency: 2505.00 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

Variant: QPSK, Channel: 2505.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Ref Level: 28.5 dBm
18.5 dB Offset
Sweep Time: 2.0 s
RBW: 1 MHz
VBW: 3 MHz
Date: 14 Feb 2018 -

Start 2475.000 MHz
Stop 2505.000 MHz
Step 3.000 MHz
Span 30.000 MHz

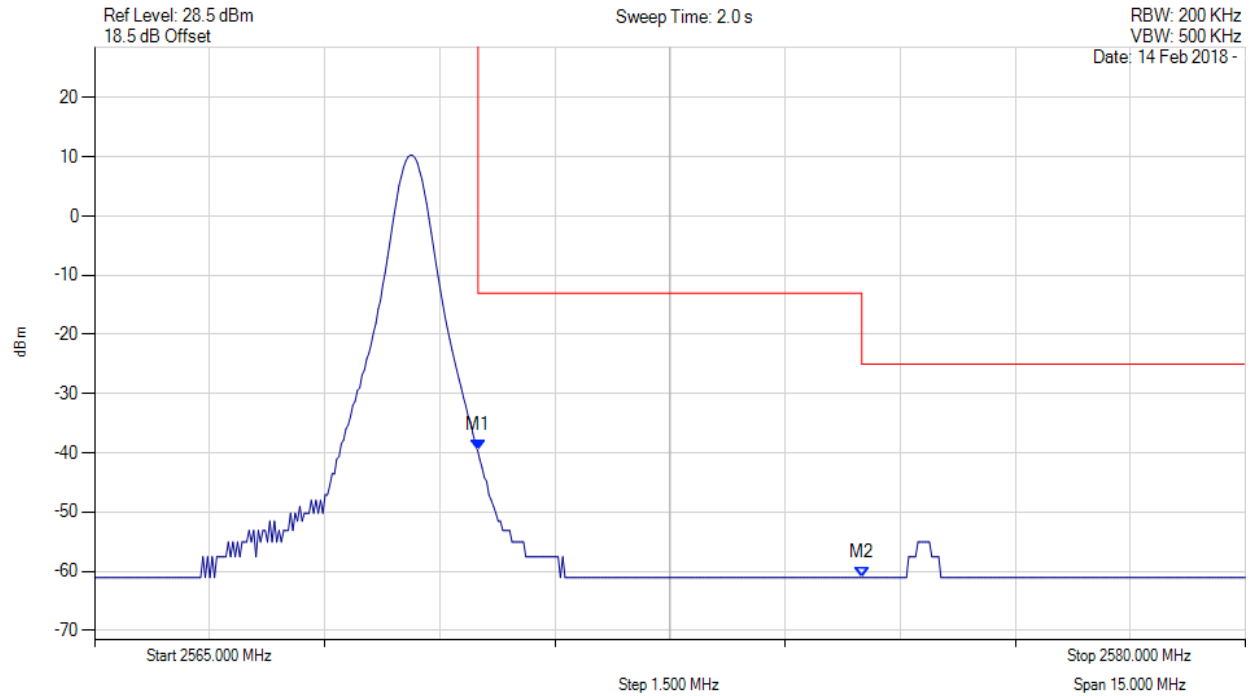| Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2495.000 MHz : -36.039 dBm M2 : 2500.000 MHz : 14.514 dBm	Channel Frequency: 2505.00 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

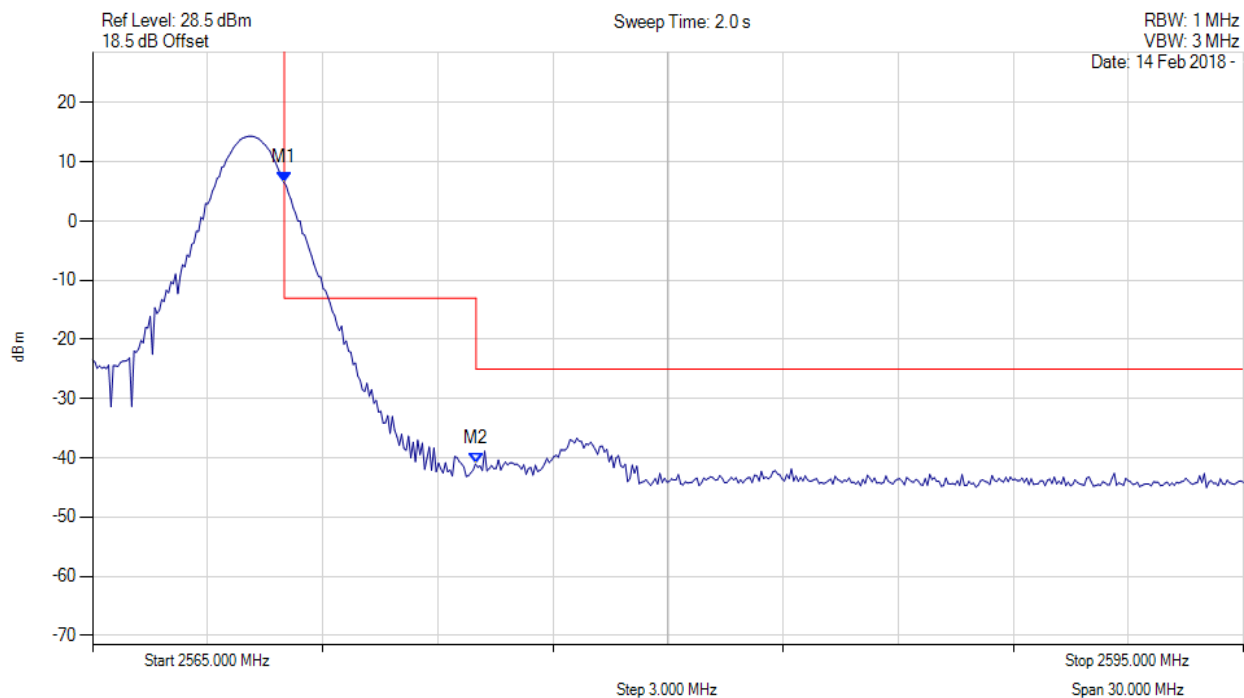Variant: QPSK, Channel: 2565.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2570.000 MHz : -44.786 dBm M2 : 2575.000 MHz : -61.045 dBm	Channel Frequency: 2565.00 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

Variant: QPSK, Channel: 2565.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Ref Level: 28.5 dBm
18.5 dB Offset

Sweep Time: 2.0 s

RBW: 1 MHz
VBW: 3 MHz
Date: 14 Feb 2018 -

Start 2565.000 MHz

Stop 2595.000 MHz

Step 3.000 MHz
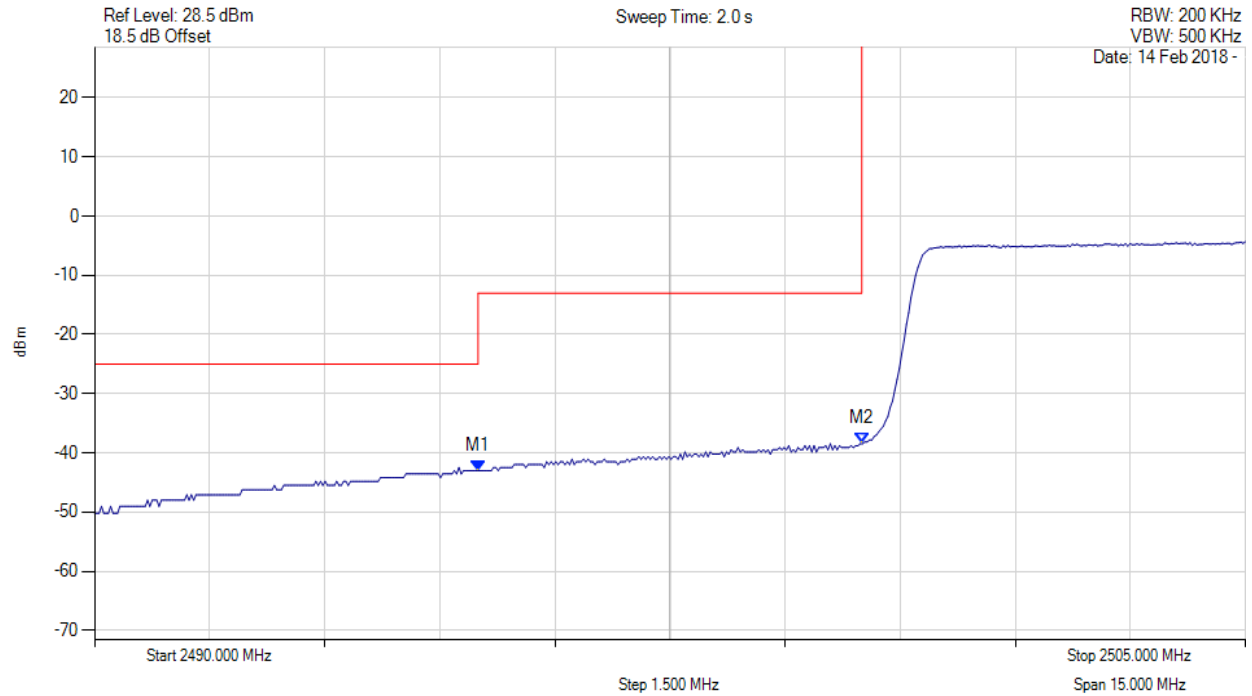
Span 30.000 MHz

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2570.000 MHz : 9.932 dBm M2 : 2575.000 MHz : -37.761 dBm	Channel Frequency: 2565.00 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

Variant: QPSK, Channel: 2505.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc
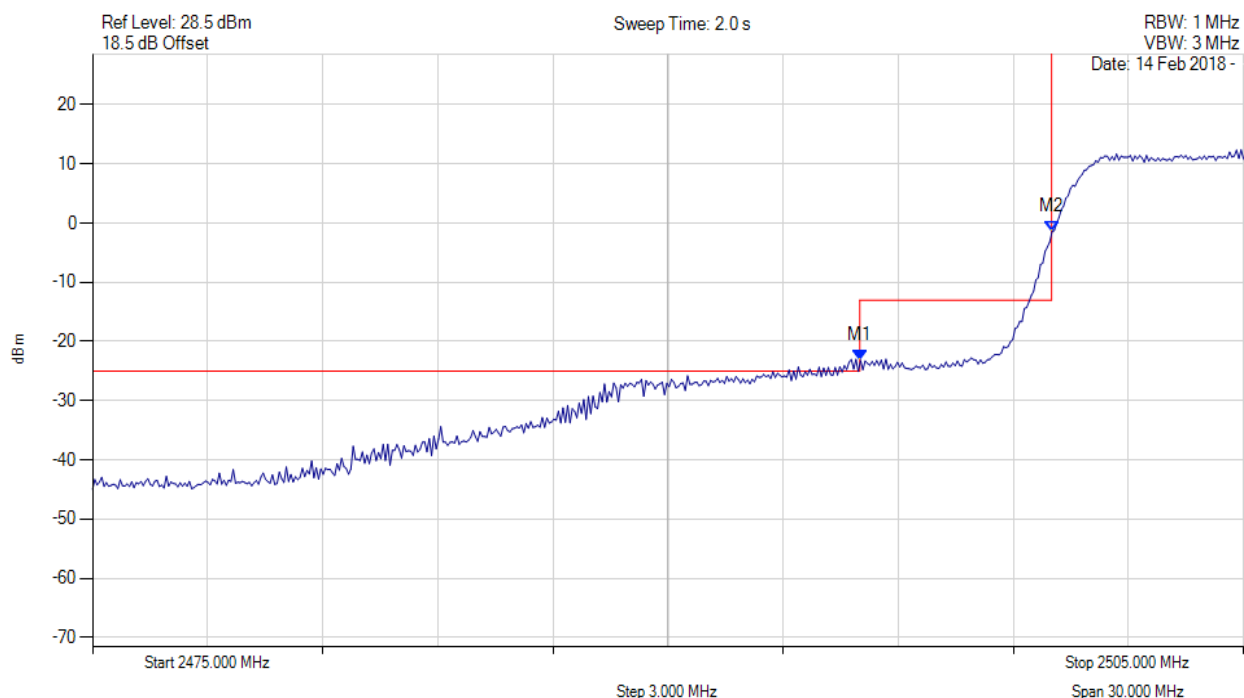

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2495.000 MHz : -50.163 dBm M2 : 2500.000 MHz : -39.461 dBm	Channel Frequency: 2505.00 MHz

back to matrix

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Conducted Band-Edge Emissions_Peak

Variant: QPSK, Channel: 2505.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc
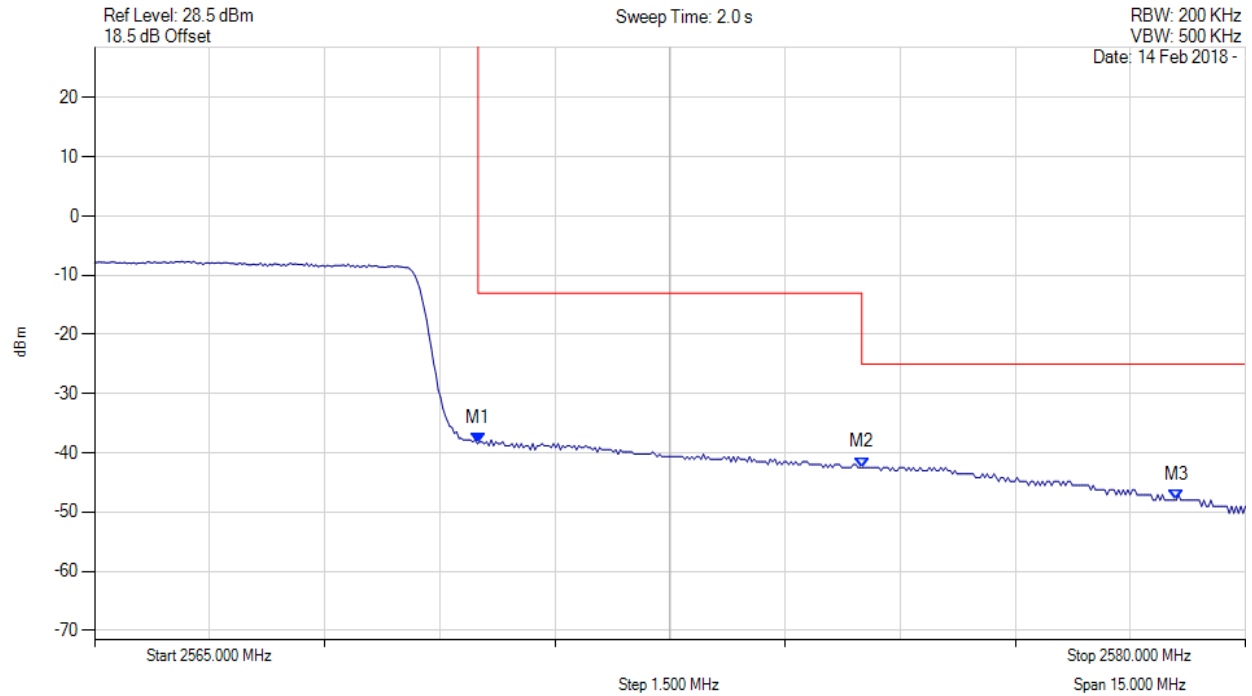

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2495.000 MHz : -22.799 dBm M2 : 2500.000 MHz : 3.436 dBm	Channel Frequency: 2505.00 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

Variant: QPSK, Channel: 2565.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc
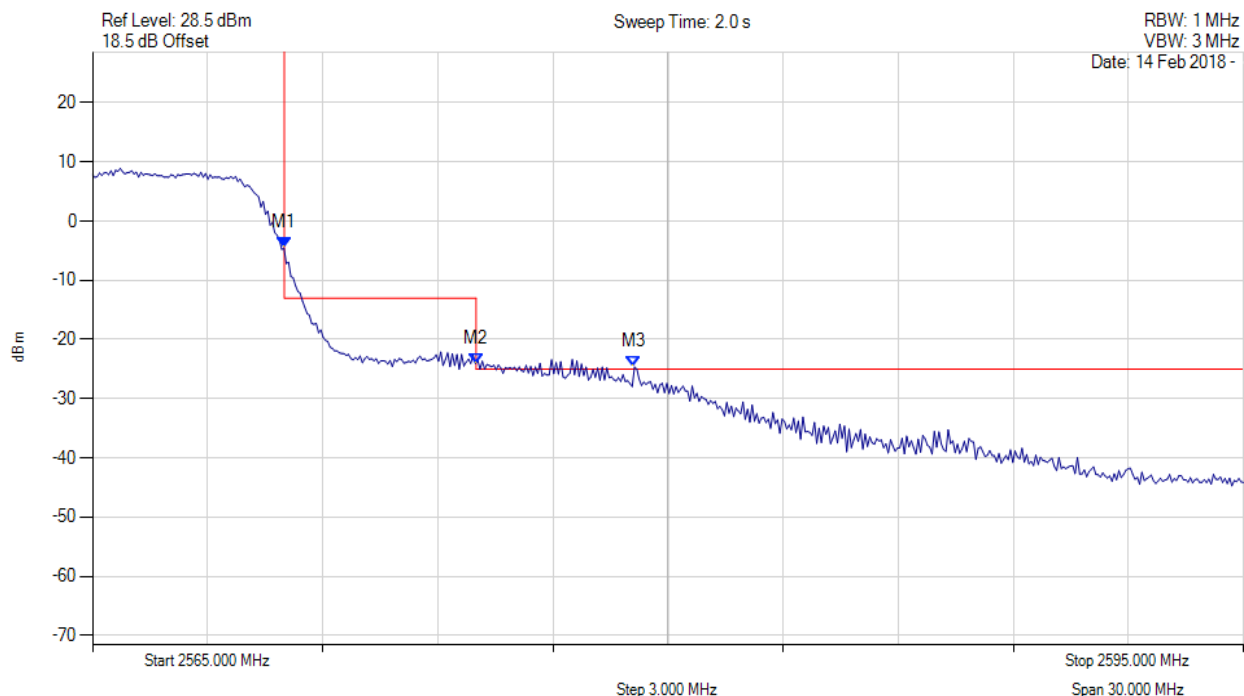

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2570.000 MHz : -42.983 dBm M2 : 2575.000 MHz : -51.502 dBm	Channel Frequency: 2560.00 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

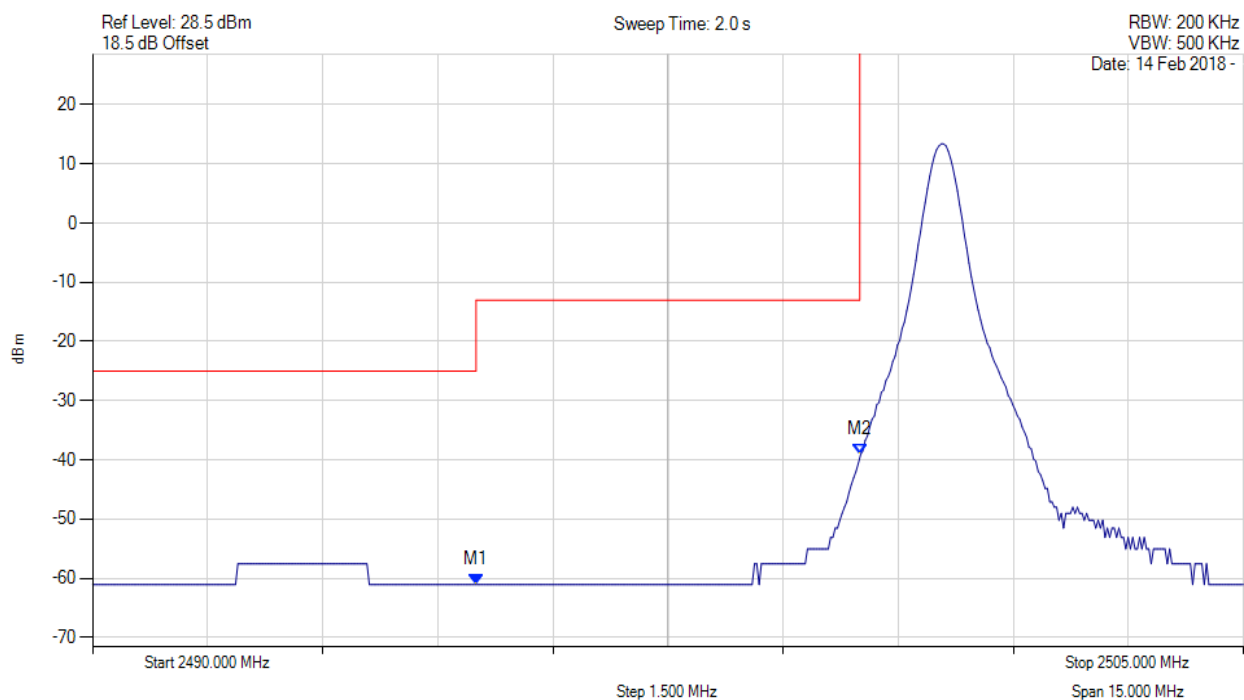Variant: QPSK, Channel: 2560.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2570.000 MHz : -0.263 dBm M2 : 2575.000 MHz : -23.816 dBm	Channel Frequency: 2560.00 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

Variant: QPSK, Channel: 2507.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc
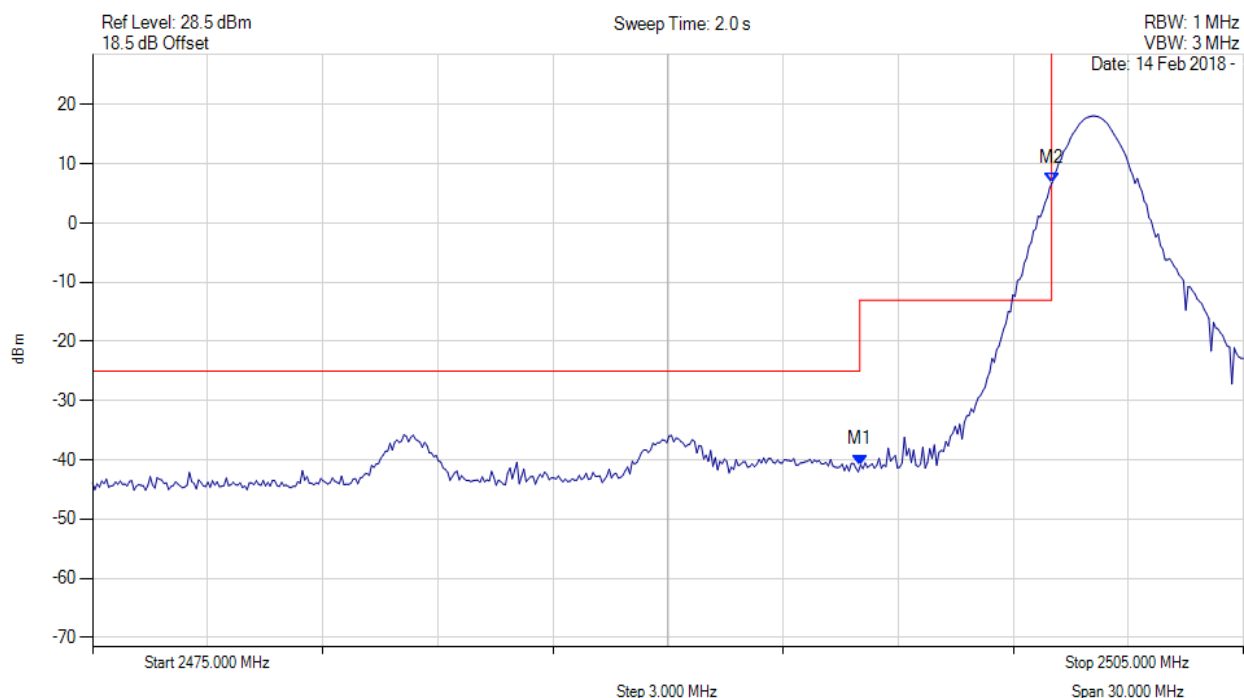

Ref Level: 28.5 dBm
18.5 dB Offset

Sweep Time: 2.0 s

RBW: 200 KHz
VBW: 500 KHz
Date: 14 Feb 2018 -

Start 2490.000 MHz
Stop 2505.000 MHz

Step 1.500 MHz
Span 15.000 MHz

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2495.000 MHz : -61.045 dBm M2 : 2500.000 MHz : -34.600 dBm	Channel Frequency: 2507.50 MHz

back to matrix

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Conducted Band-Edge Emissions_Peak

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Variant: QPSK, Channel: 2507.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Ref Level: 28.5 dBm
18.5 dB Offset

Sweep Time: 2.0 s

RBW: 1 MHz
VBW: 3 MHz
Date: 14 Feb 2018 -

Start 2475.000 MHz

Step 3.000 MHz

Stop 2505.000 MHz
Span 30.000 MHz

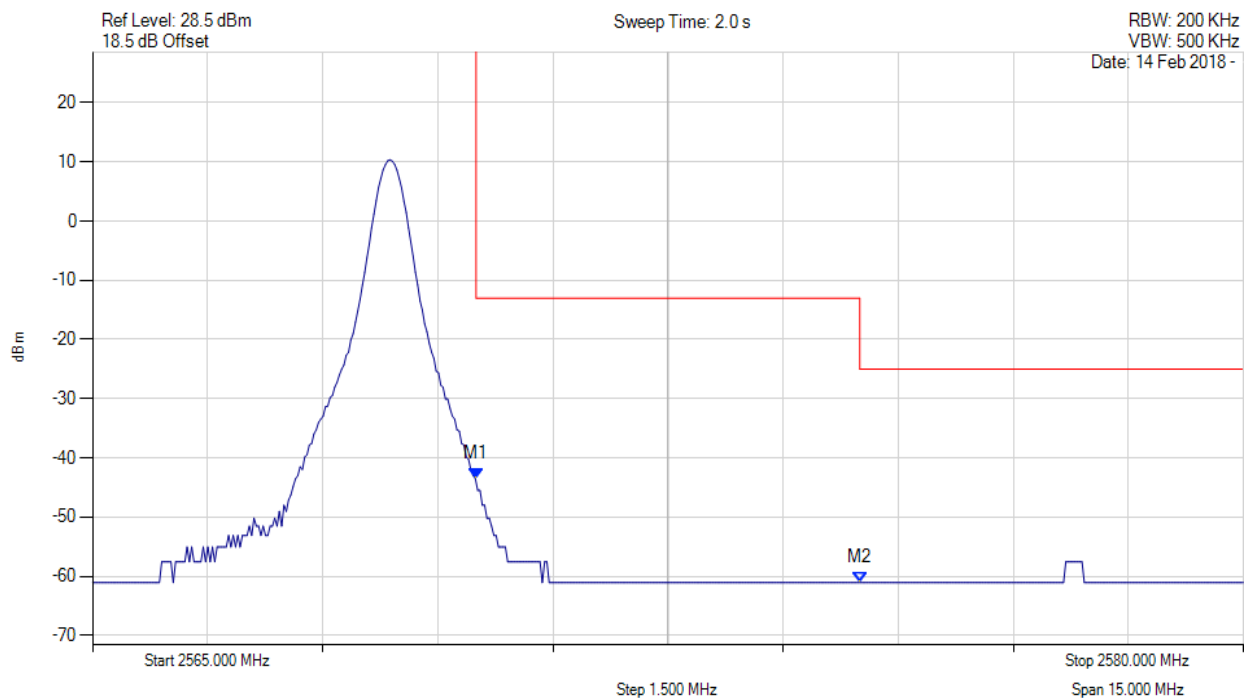| Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2495.000 MHz : -41.184 dBm M2 : 2500.000 MHz : 11.075 dBm	Channel Frequency: 2507.50 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

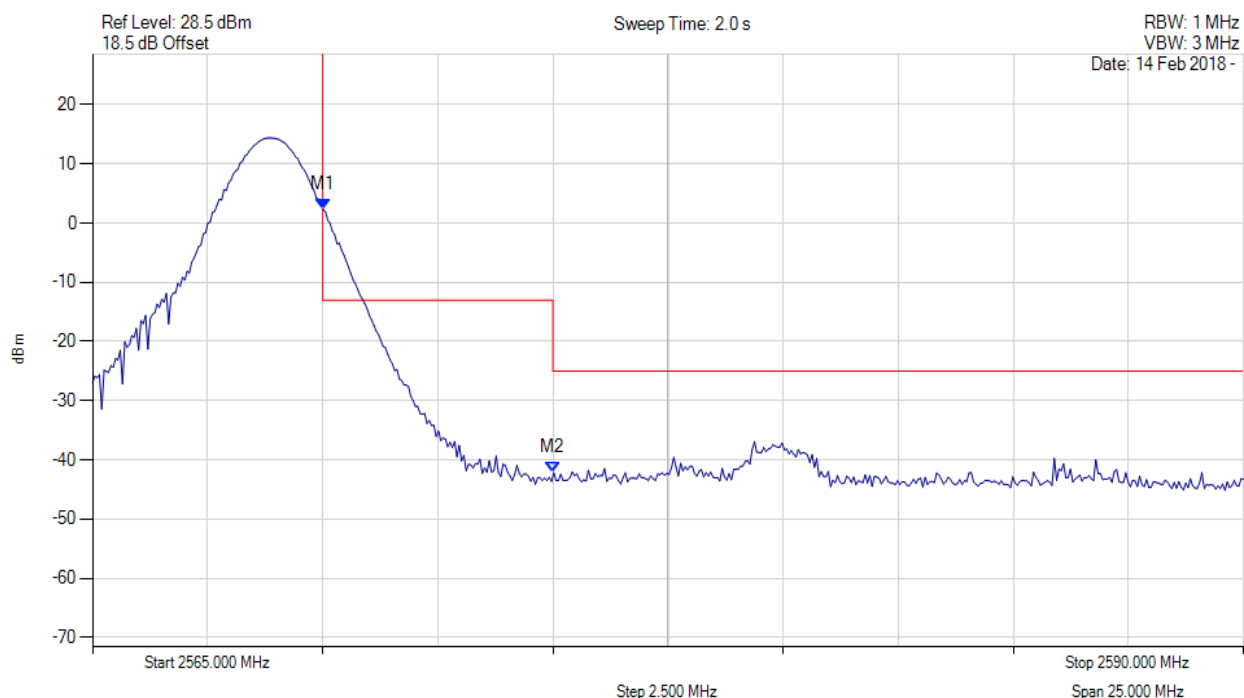Variant: QPSK, Channel: 2562.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2570.000 MHz : -39.461 dBm M2 : 2575.000 MHz : -61.045 dBm	Channel Frequency: 2560.00 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

Variant: QPSK, Channel: 2562.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Ref Level: 28.5 dBm
18.5 dB Offset
Sweep Time: 2.0 s
RBW: 1 MHz
VBW: 3 MHz
Date: 14 Feb 2018 -

Start 2565.000 MHz
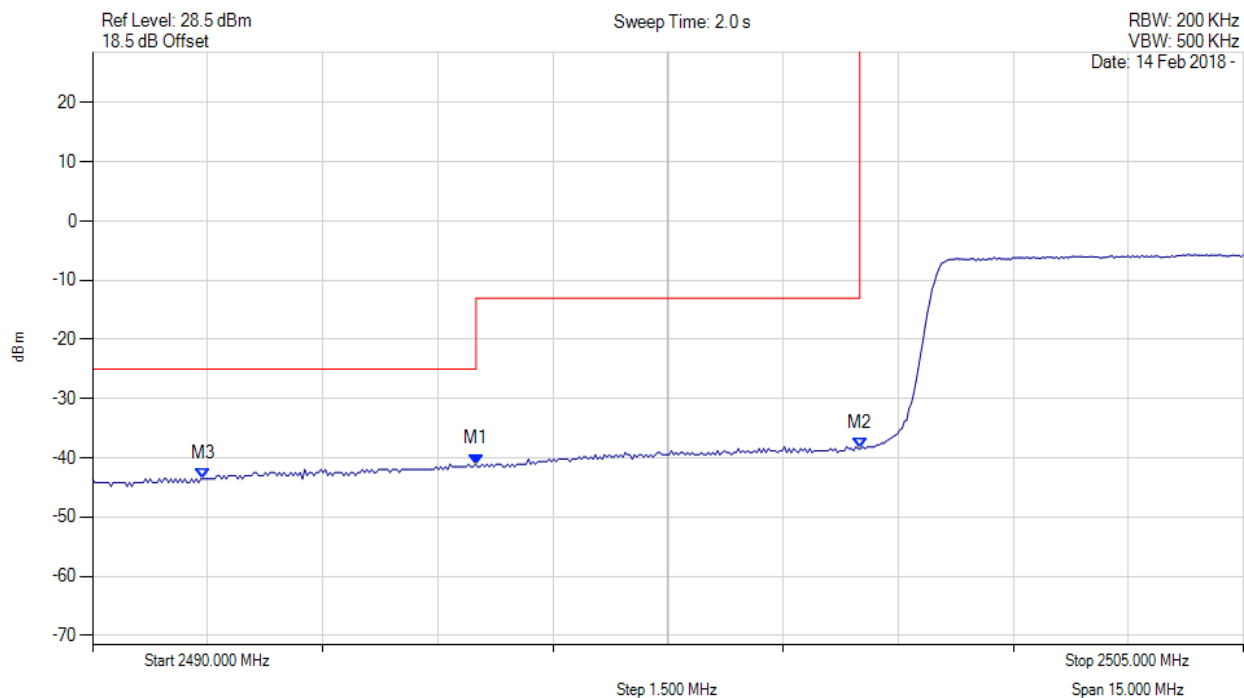Step 3.000 MHz
Stop 2595.000 MHz
Span 30.000 MHz

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2570.000 MHz : 6.503 dBm M2 : 2575.000 MHz : -41.015 dBm	Channel Frequency: 2560.00 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

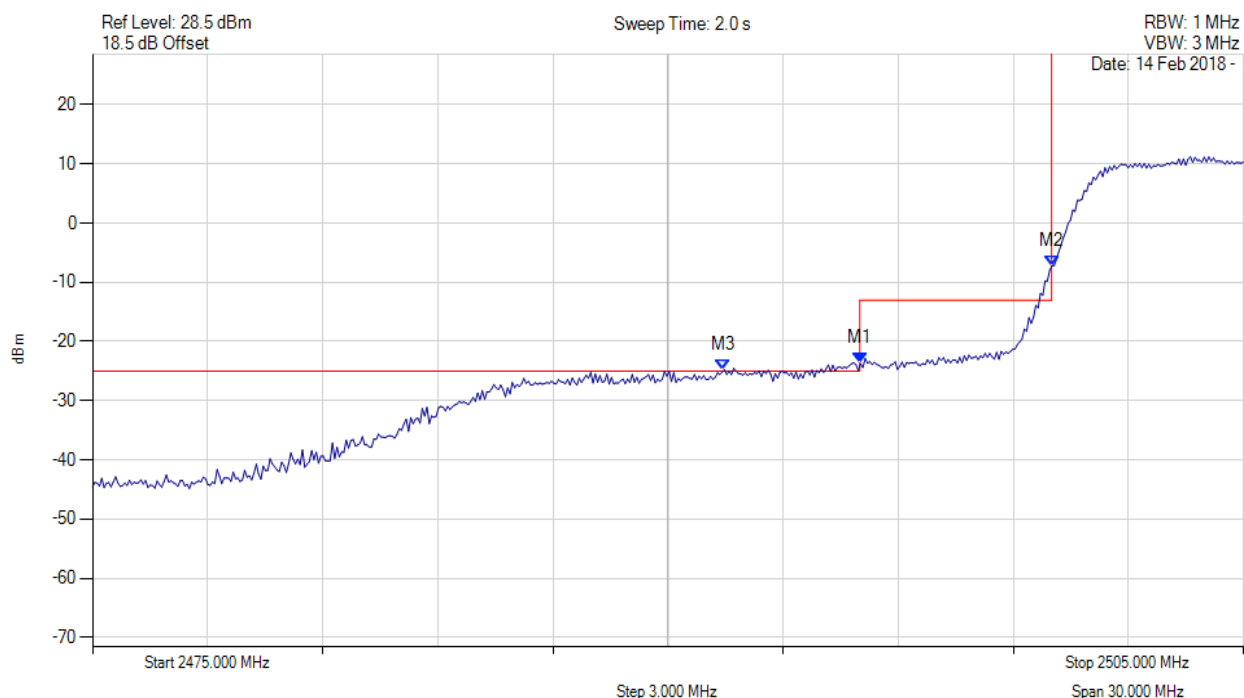Variant: QPSK, Channel: 2507.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Ref Level: 28.5 dBm
18.5 dB Offset

Sweep Time: 2.0 s

RBW: 200 KHz
VBW: 500 KHz
Date: 14 Feb 2018 -

Start 2490.000 MHz
Stop 2505.000 MHz

Step 1.500 MHz
Span 15.000 MHz

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2495.000 MHz : -42.983 dBm M2 : 2500.000 MHz : -38.438 dBm	Channel Frequency: 2507.50 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

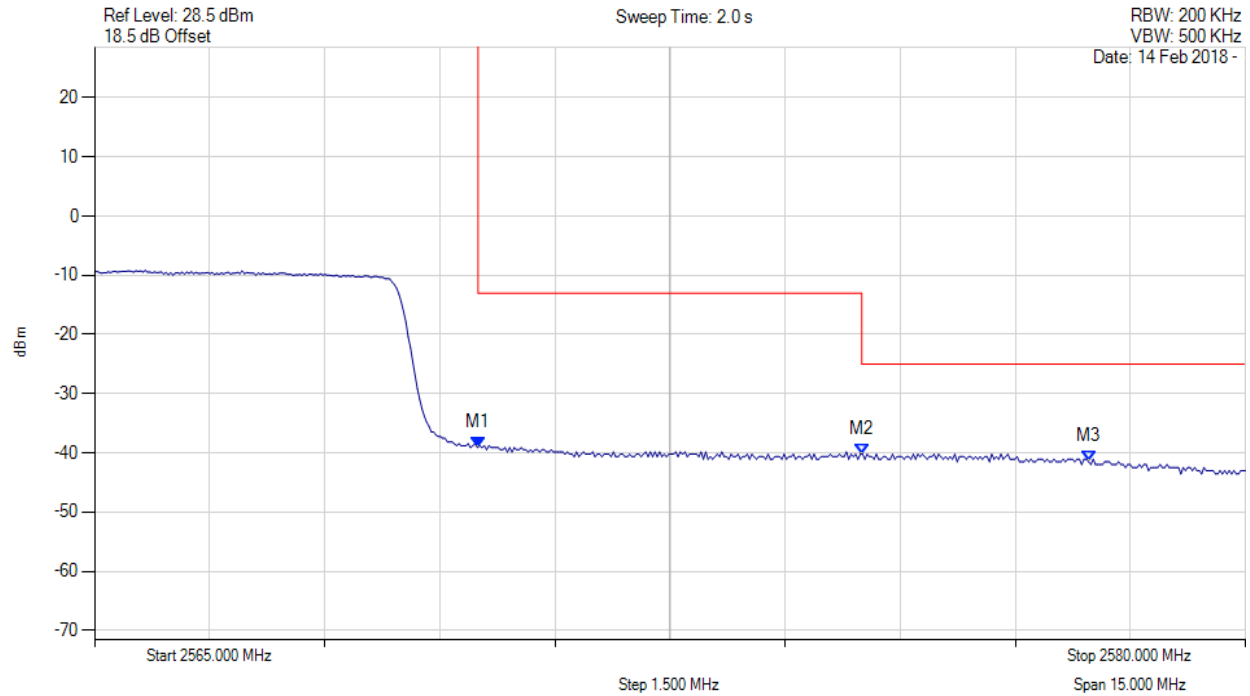Variant: QPSK, Channel: 2507.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Ref Level: 28.5 dBm
18.5 dB Offset
Sweep Time: 2.0 s
RBW: 1 MHz
VBW: 3 MHz
Date: 14 Feb 2018 -

Start 2475.000 MHz
Stop 2505.000 MHz
Step 3.000 MHz
Span 30.000 MHz

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2495.000 MHz : -23.210 dBm M2 : 2500.000 MHz : -1.471 dBm	Channel Frequency: 2507.50 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

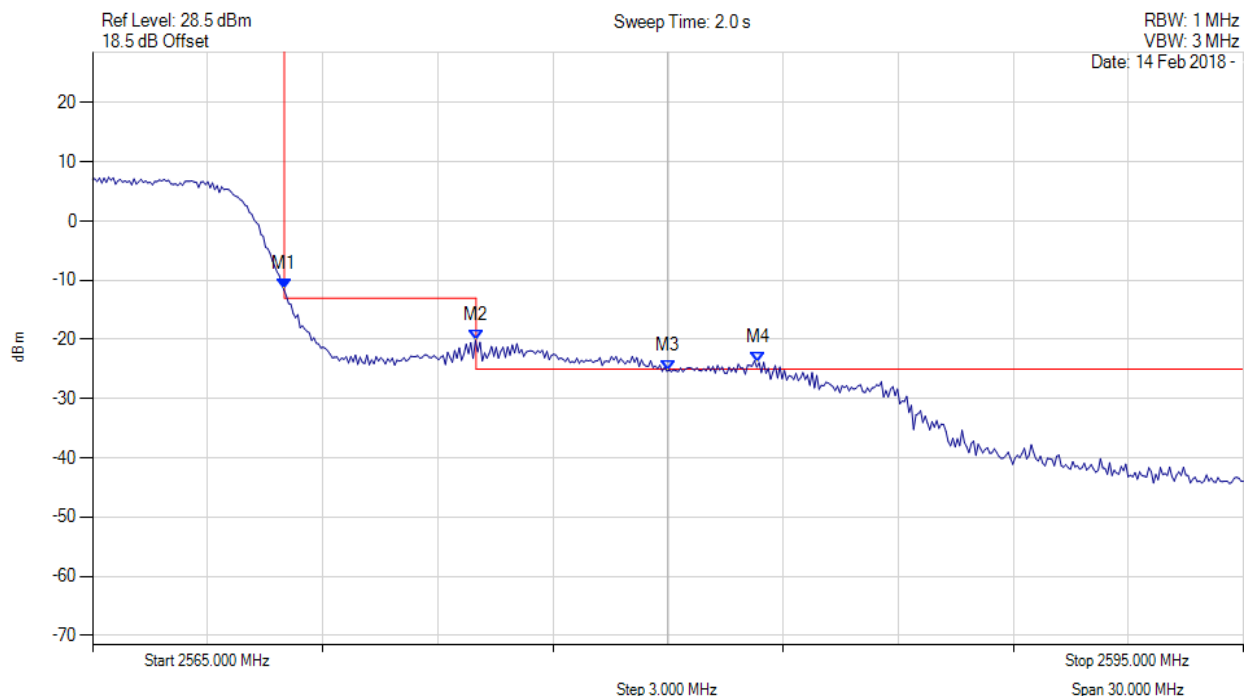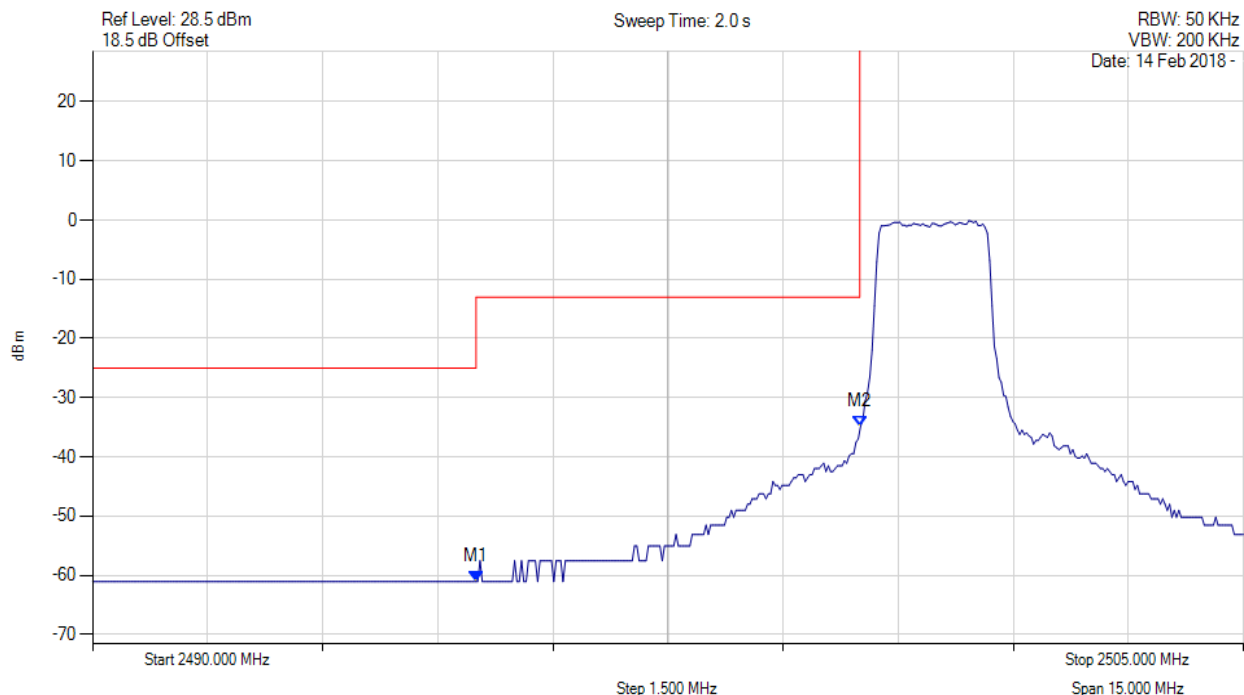Variant: QPSK, Channel: 2562.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

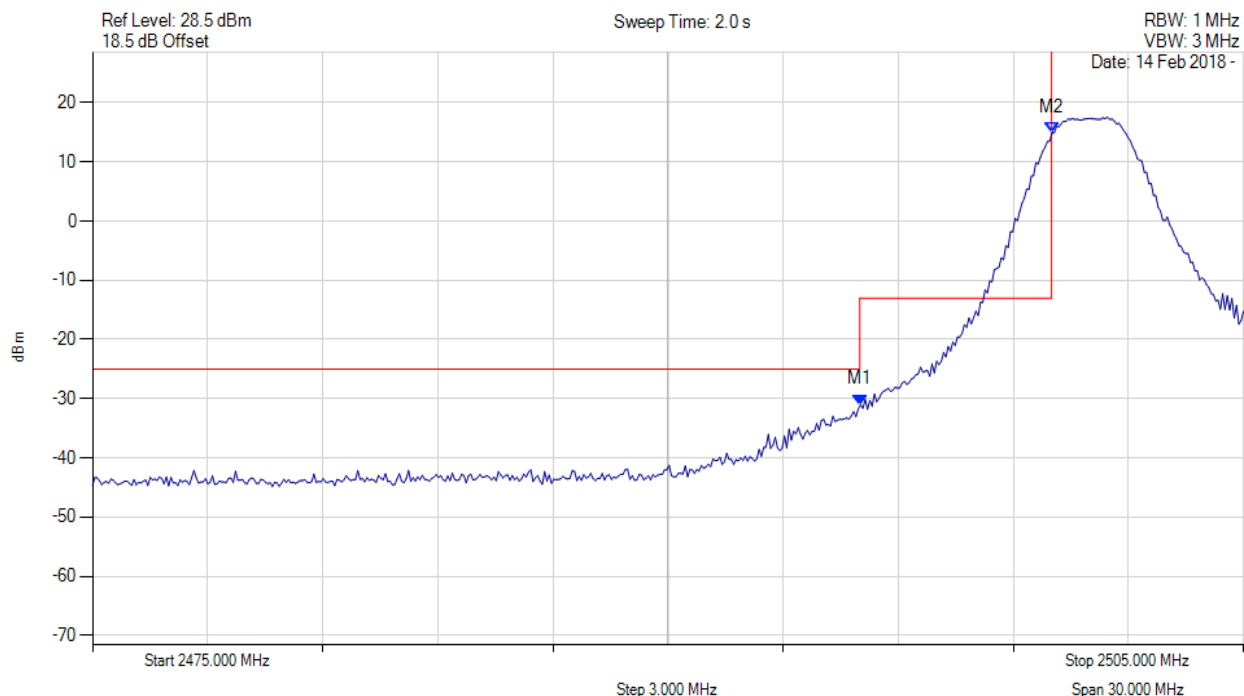| Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2570.000 MHz : -38.438 dBm M2 : 2575.000 MHz : -42.456 dBm M3 : 2579.098 MHz : -47.980 dBm	Channel Frequency: 2560.00 MHz

back to matrix

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Conducted Band-Edge Emissions_Peak

Variant: QPSK, Channel: 2562.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2570.000 MHz : -4.577 dBm M2 : 2575.000 MHz : -24.030 dBm M3 : 2579.098 MHz : -24.652 dBm	Channel Frequency: 2560.00 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

Variant: QPSK, Channel: 2510.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2495.000 MHz : -61.045 dBm M2 : 2500.000 MHz : -39.107 dBm	Channel Frequency: 2510.00 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

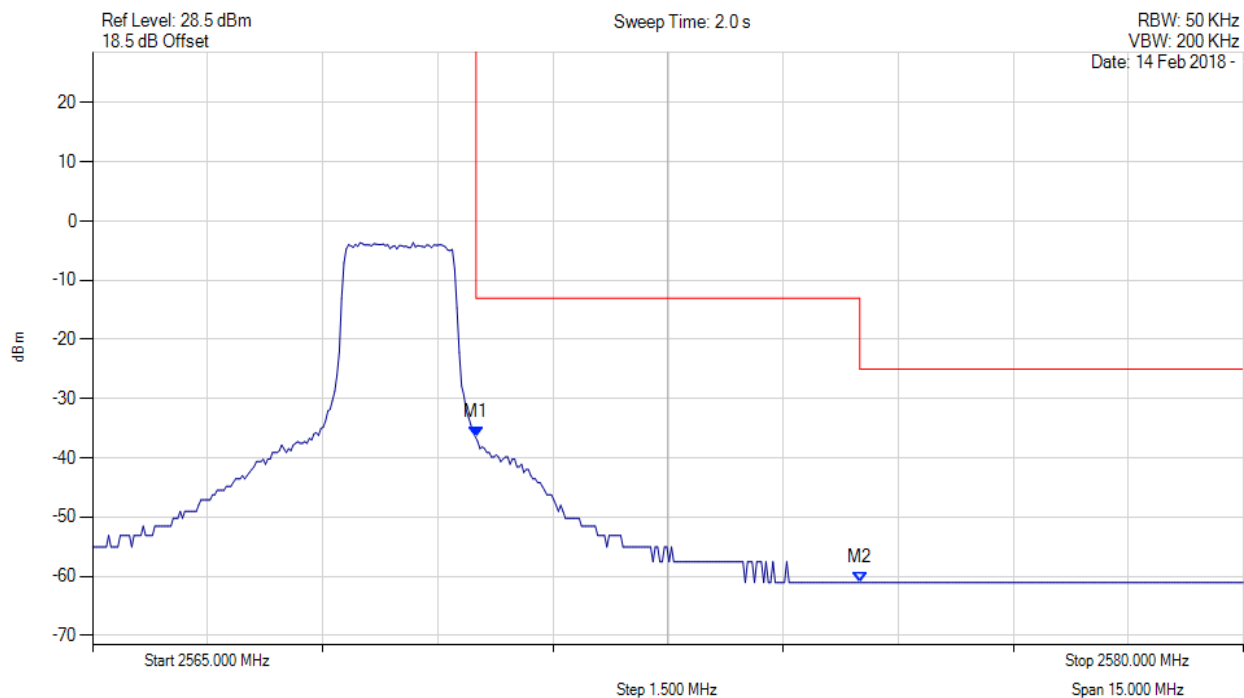Variant: QPSK, Channel: 2510.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2495.000 MHz : -40.826 dBm M2 : 2500.000 MHz : 6.812 dBm	Channel Frequency: 2510.00 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

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Conducted Band-Edge Emissions_Average

Variant: QPSK, Channel: 2560.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc
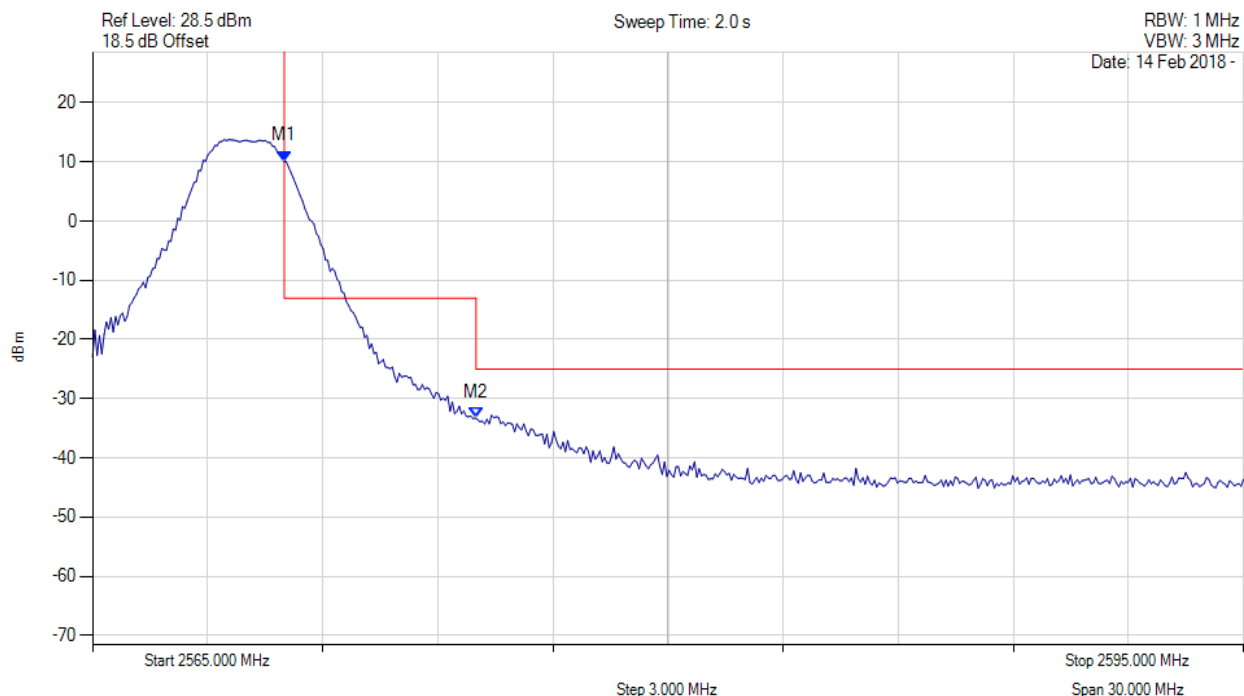

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2570.000 MHz : -43.544 dBm M2 : 2575.000 MHz : -61.045 dBm	Channel Frequency: 2560.00 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

Variant: QPSK, Channel: 2560.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Ref Level: 28.5 dBm
18.5 dB Offset

Sweep Time: 2.0 s

RBW: 1 MHz
VBW: 3 MHz
Date: 14 Feb 2018 -

Start 2565.000 MHz

Step 2.500 MHz

Stop 2590.000 MHz

Span 25.000 MHz

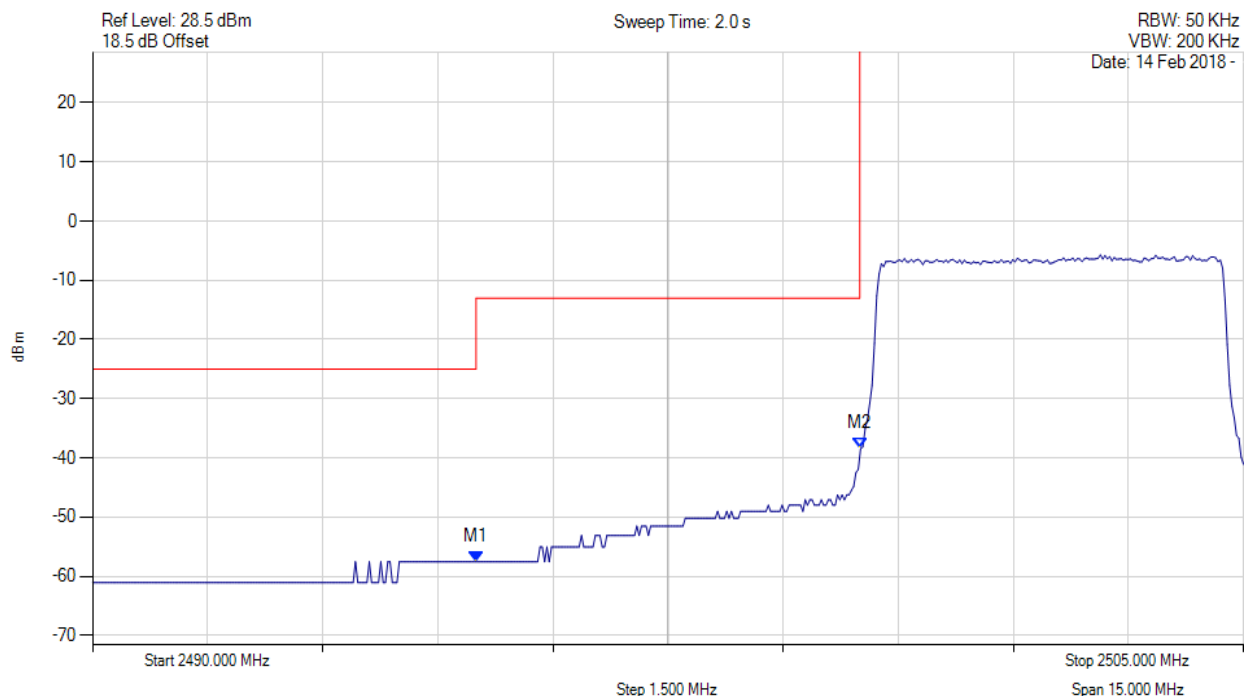| Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2570.000 MHz : 2.240 dBm M2 : 2575.000 MHz : -42.158 dBm	Channel Frequency: 2560.00 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

Variant: QPSK, Channel: 2510.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

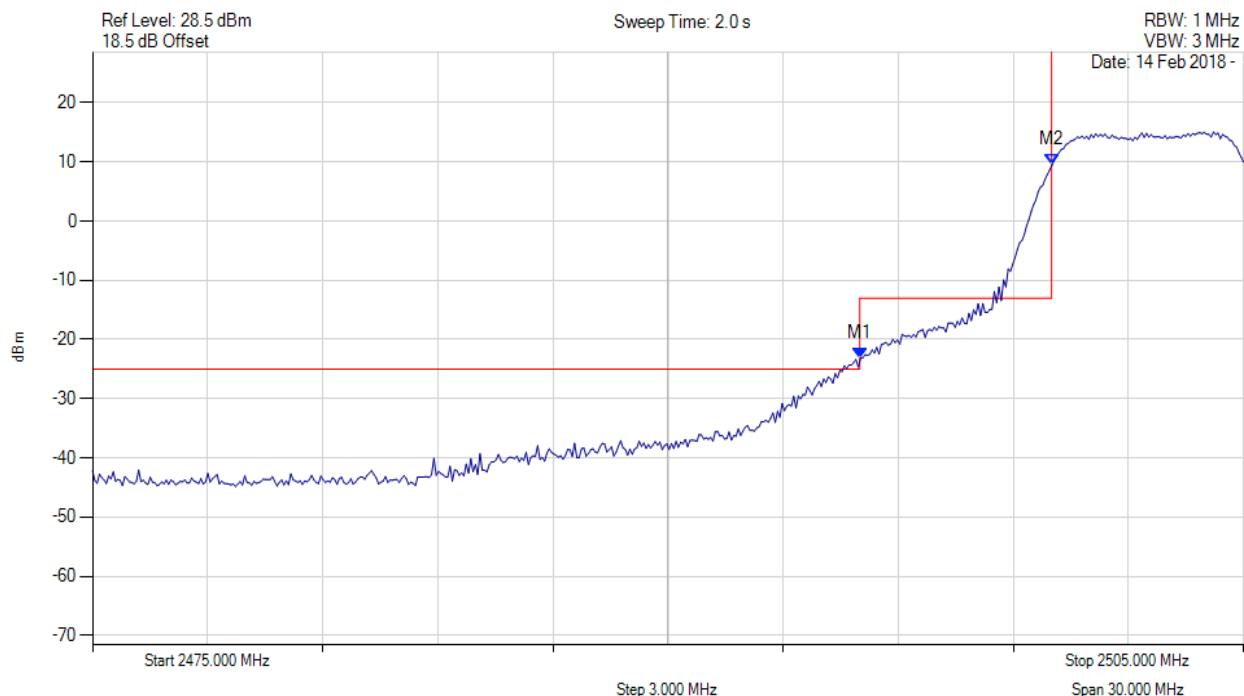| Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2495.000 MHz : -41.045 dBm M2 : 2500.000 MHz : -38.438 dBm M3 : 2491.443 MHz : -43.544 dBm	Channel Frequency: 2510.00 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

Variant: QPSK, Channel: 2510.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc
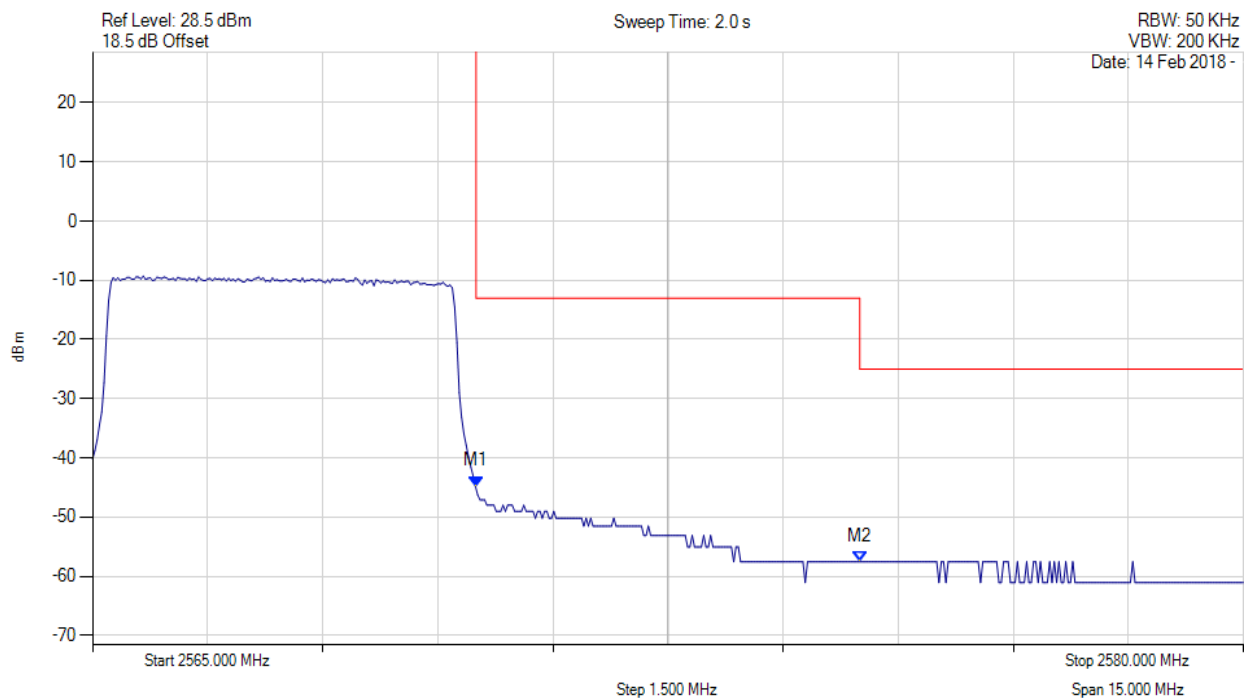

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2495.000 MHz : -23.743 dBm M2 : 2500.000 MHz : -7.211 dBm M3 : 2491.443 MHz : -24.748 dBm	Channel Frequency: 2510.00 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

Variant: QPSK, Channel: 2560.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc
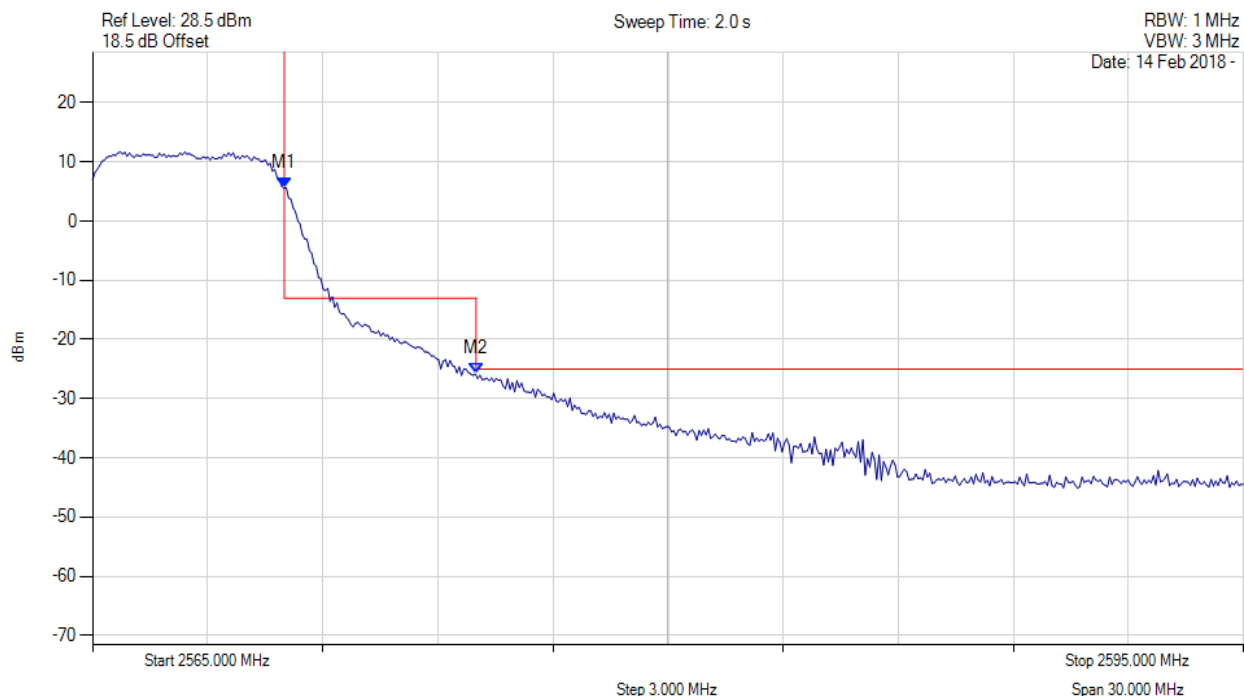

Ref Level: 28.5 dBm
18.5 dB Offset
Sweep Time: 2.0 s
RBW: 200 KHz
VBW: 500 KHz
Date: 14 Feb 2018 -

Start 2565.000 MHz
Step 1.500 MHz
Stop 2580.000 MHz
Span 15.000 MHz

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2570.000 MHz : -39.107 dBm M2 : 2575.000 MHz : -40.217 dBm M3 : 2577.956 MHz : -41.490 dBm	Channel Frequency: 2560.00 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

Variant: QPSK, Channel: 2560.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Ref Level: 28.5 dBm
18.5 dB Offset
Sweep Time: 2.0 s
RBW: 1 MHz
VBW: 3 MHz
Date: 14 Feb 2018 -

Start 2565.000 MHz
Step 3.000 MHz
Stop 2595.000 MHz
Span 30.000 MHz

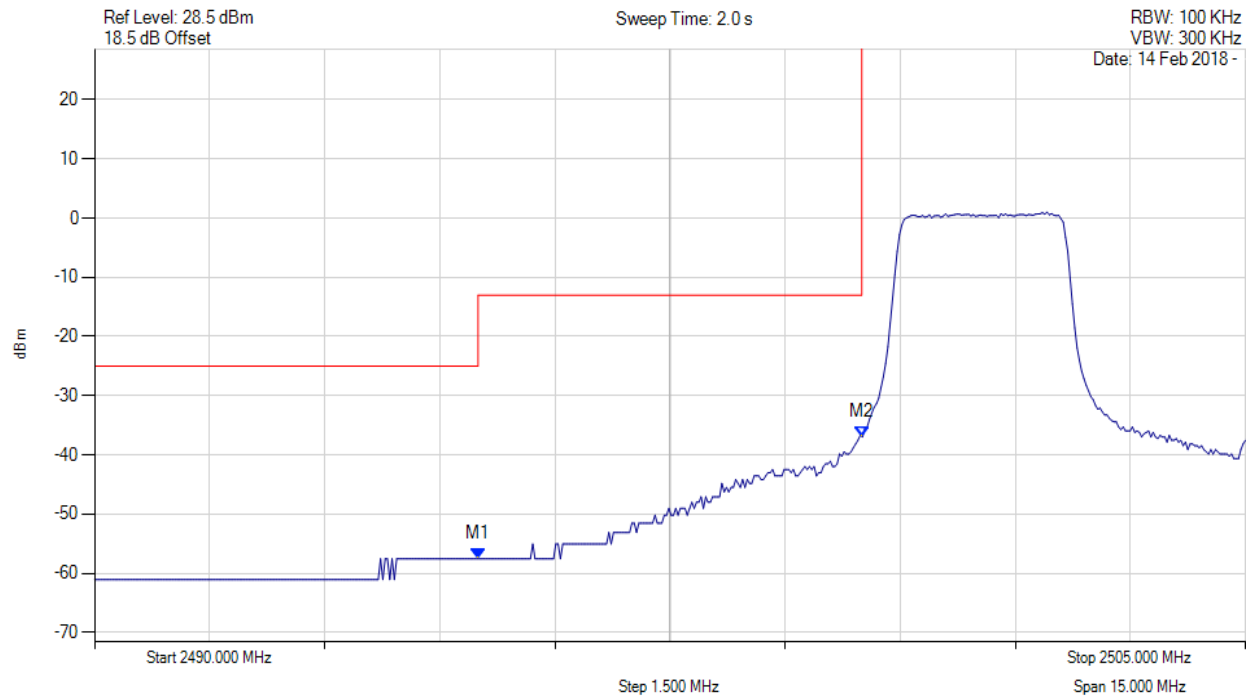| Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK	M1 : 2570.000 MHz : -11.595 dBm	Channel Frequency: 2560.00 MHz
Sweep Count = 0	M2 : 2575.000 MHz : -20.135 dBm	
RF Atten (dB) = 20	M3 : 2580.000 MHz : -25.181 dBm	
Trace Mode = CLR/WRITE	M4 : 2582.355 MHz : -23.918 dBm	

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

9.7.4.2   16QAM:

Conducted Band-Edge Emissions_Average

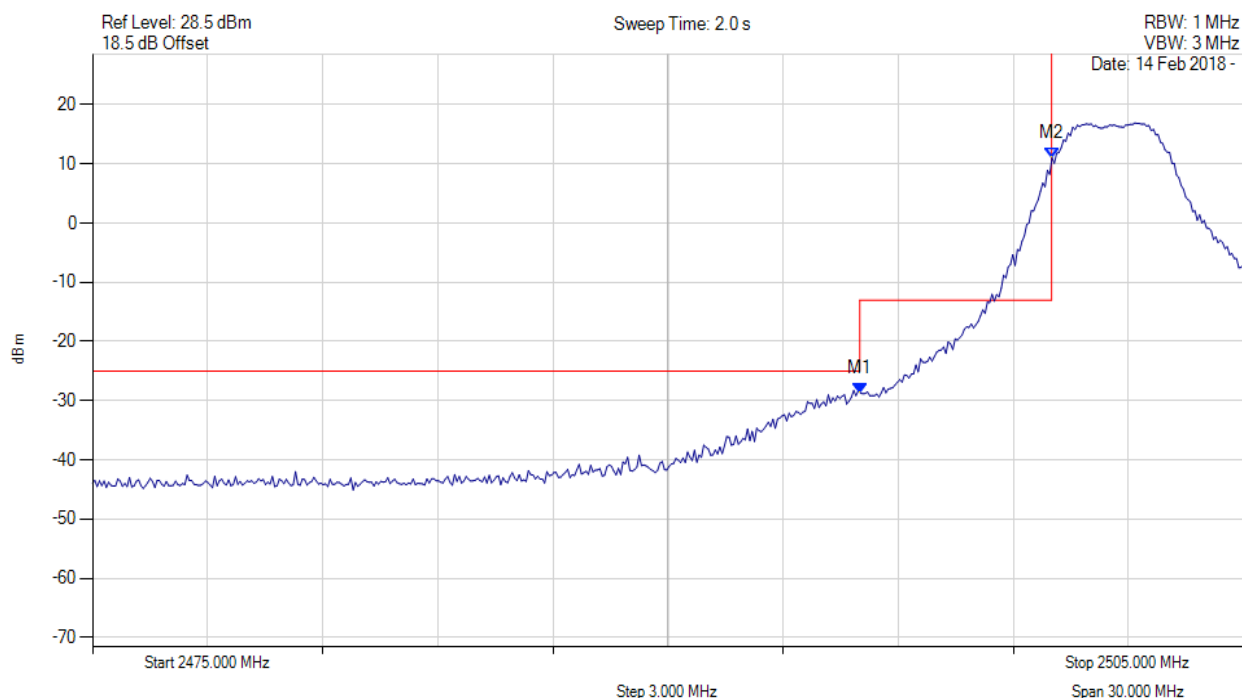Variant: 16QAM, Channel: 2502.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2495.000 MHz : -61.045 dBm M2 : 2500.000 MHz : -34.810 dBm	Channel Frequency: 2502.50 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

Variant: 16QAM, Channel: 2502.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Ref Level: 28.5 dBm
18.5 dB Offset
Sweep Time: 2.0 s
RBW: 1 MHz
VBW: 3 MHz
Date: 14 Feb 2018 -

Start 2475.000 MHz
Step 3.000 MHz
Stop 2505.000 MHz
Span 30.000 MHz

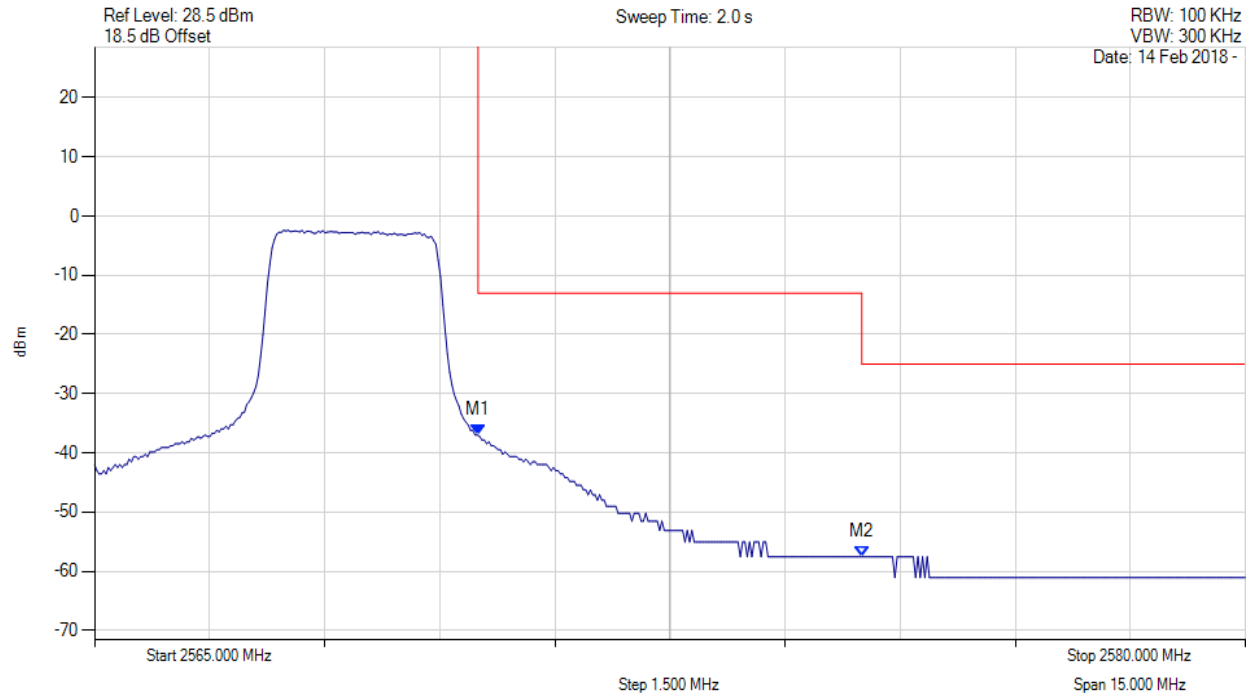| Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2495.000 MHz : -31.007 dBm M2 : 2500.000 MHz : 14.921 dBm	Channel Frequency: 2502.50 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

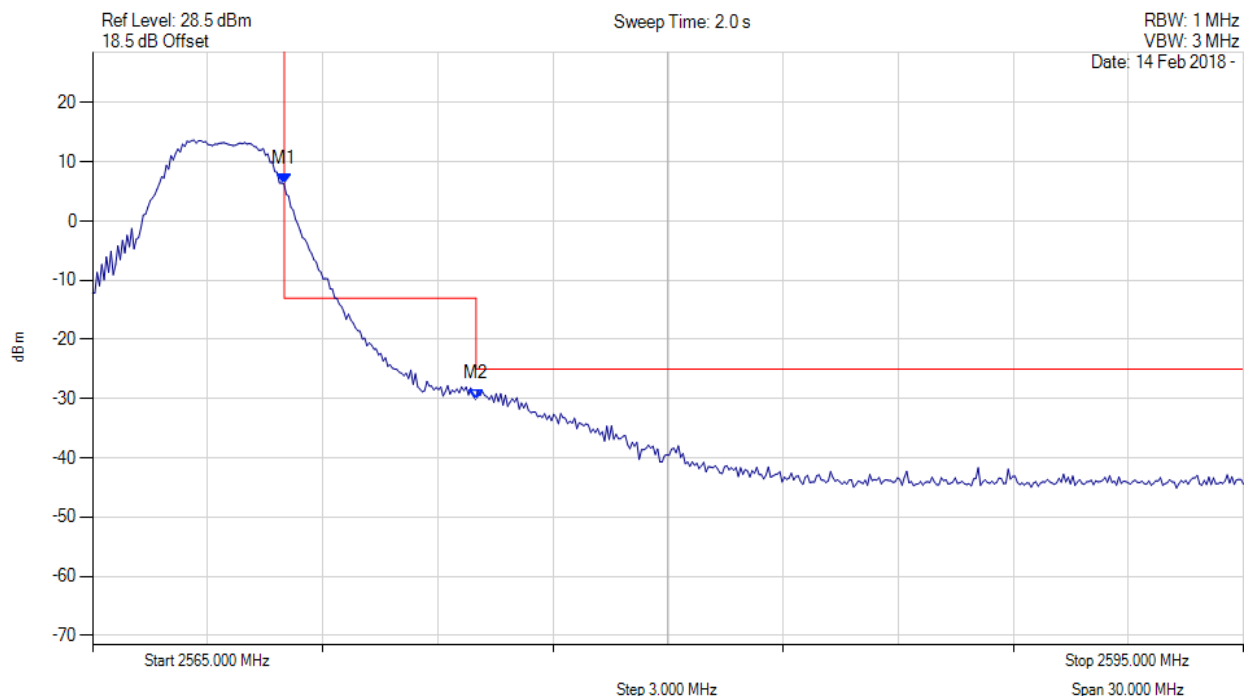Variant: 16QAM, Channel: 2567.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Ref Level: 28.5 dBm
18.5 dB Offset
Sweep Time: 2.0 s
RBW: 50 KHz
VBW: 200 KHz
Date: 14 Feb 2018 -

Start 2565.000 MHz
Stop 2580.000 MHz
Step 1.500 MHz
Span 15.000 MHz

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2570.000 MHz : -36.436 dBm M2 : 2575.000 MHz : -61.045 dBm	Channel Frequency: 2567.50 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

Variant: 16QAM, Channel: 2567.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

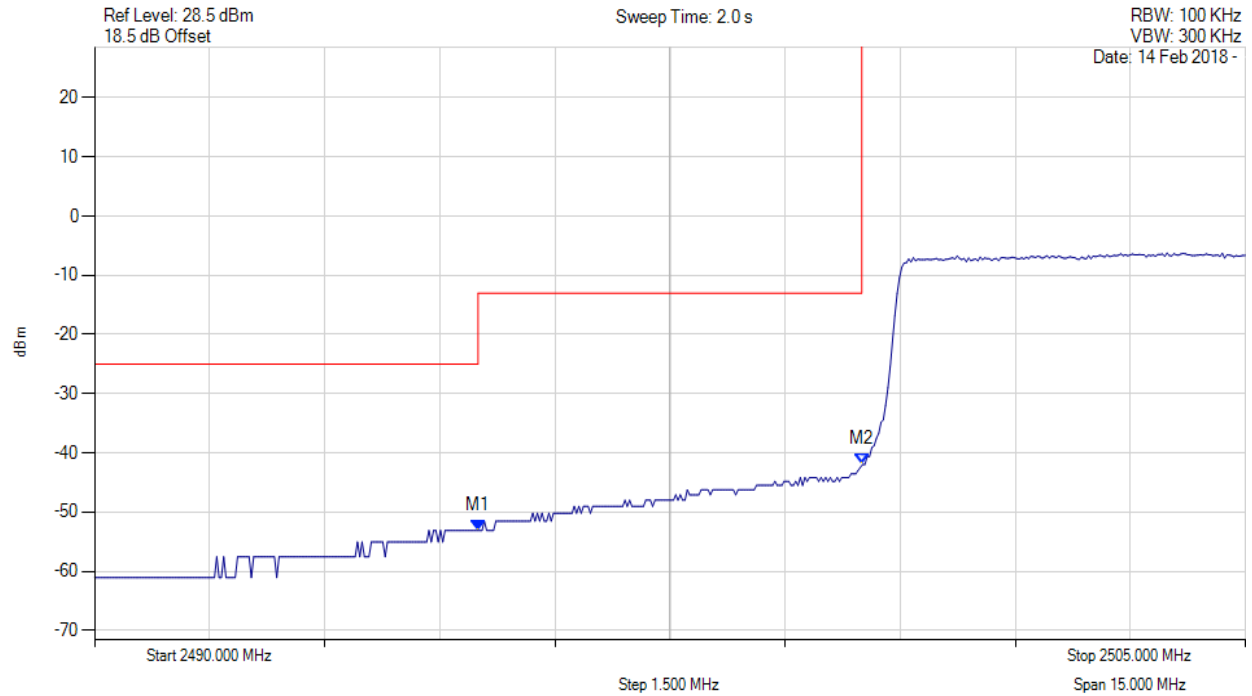| Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2570.000 MHz : 10.119 dBm M2 : 2575.000 MHz : -33.267 dBm	Channel Frequency: 2567.50 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

Variant: 16QAM, Channel: 2502.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc
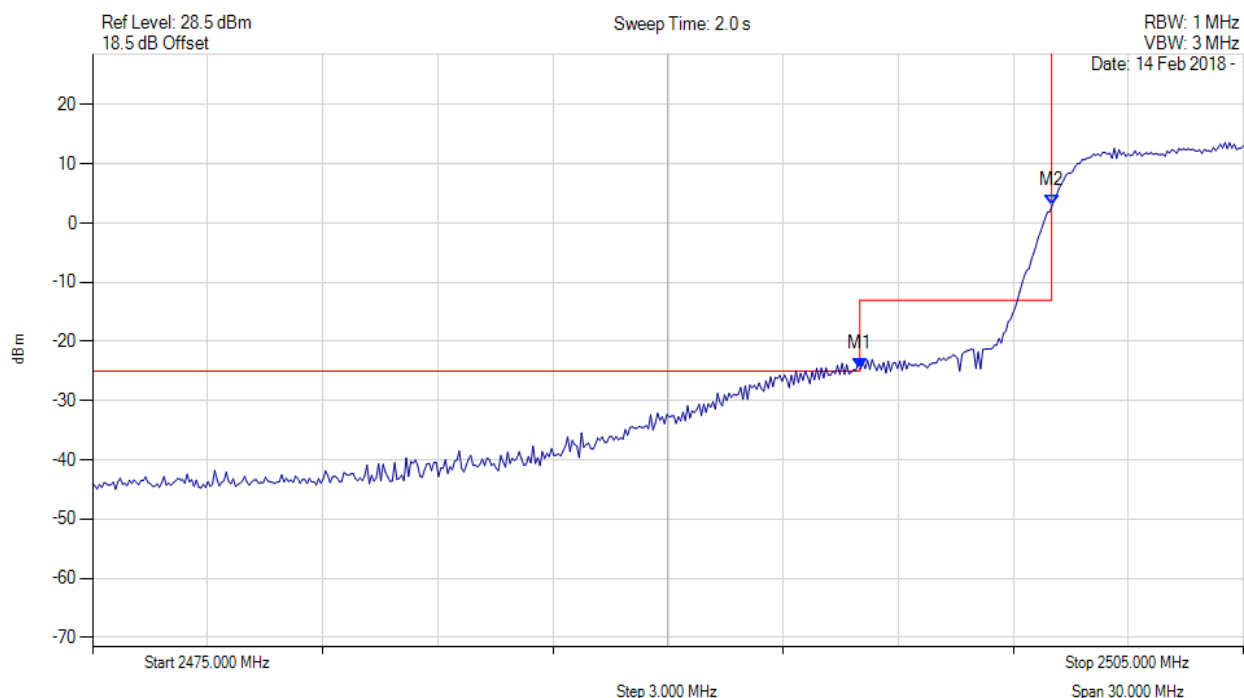

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2495.000 MHz : -57.523 dBm M2 : 2500.000 MHz : -38.438 dBm	Channel Frequency: 2502.50 MHz

back to matrix

MiCOMLabs

Conducted Band-Edge Emissions_Peak

Variant: 16QAM, Channel: 2502.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

MiTest

Ref Level: 28.5 dBm
18.5 dB Offset

Sweep Time: 2.0 s

RBW: 1 MHz
VBW: 3 MHz
Date: 14 Feb 2018 -

Start 2475.000 MHz
Stop 2505.000 MHz

Step 3.000 MHz
Span 30.000 MHz

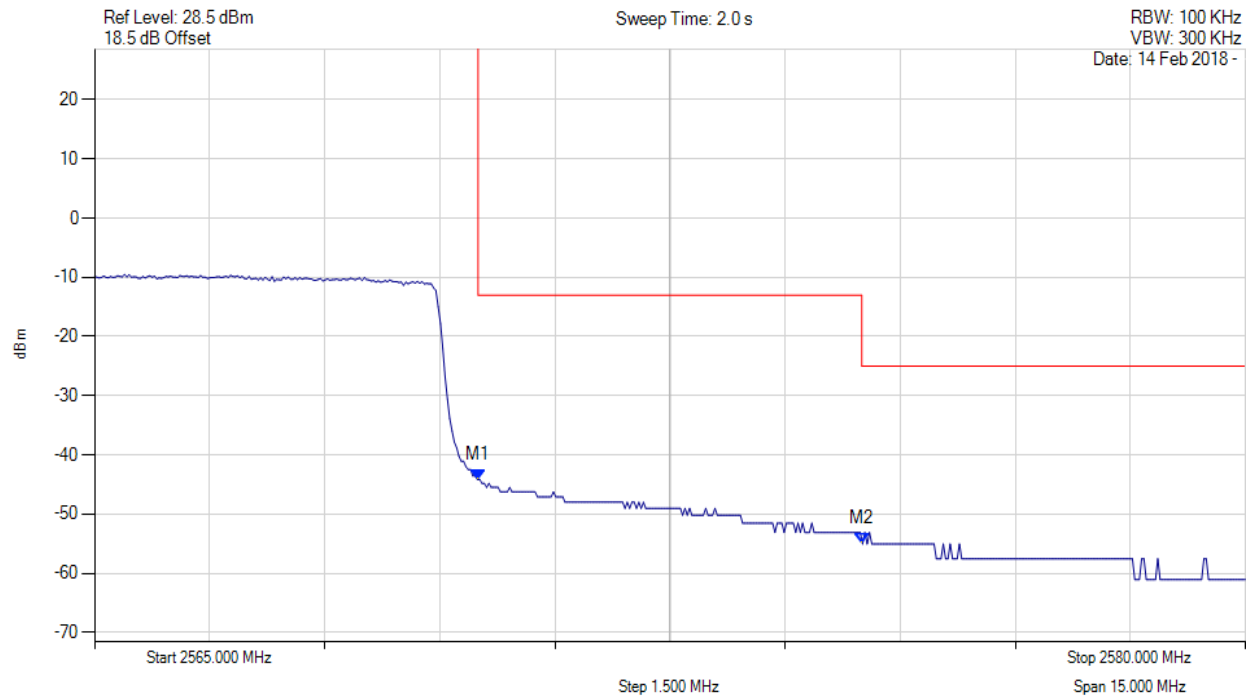| Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2495.000 MHz : -23.171 dBm M2 : 2500.000 MHz : 9.454 dBm	Channel Frequency: 2502.50 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

Variant: 16QAM, Channel: 2567.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc
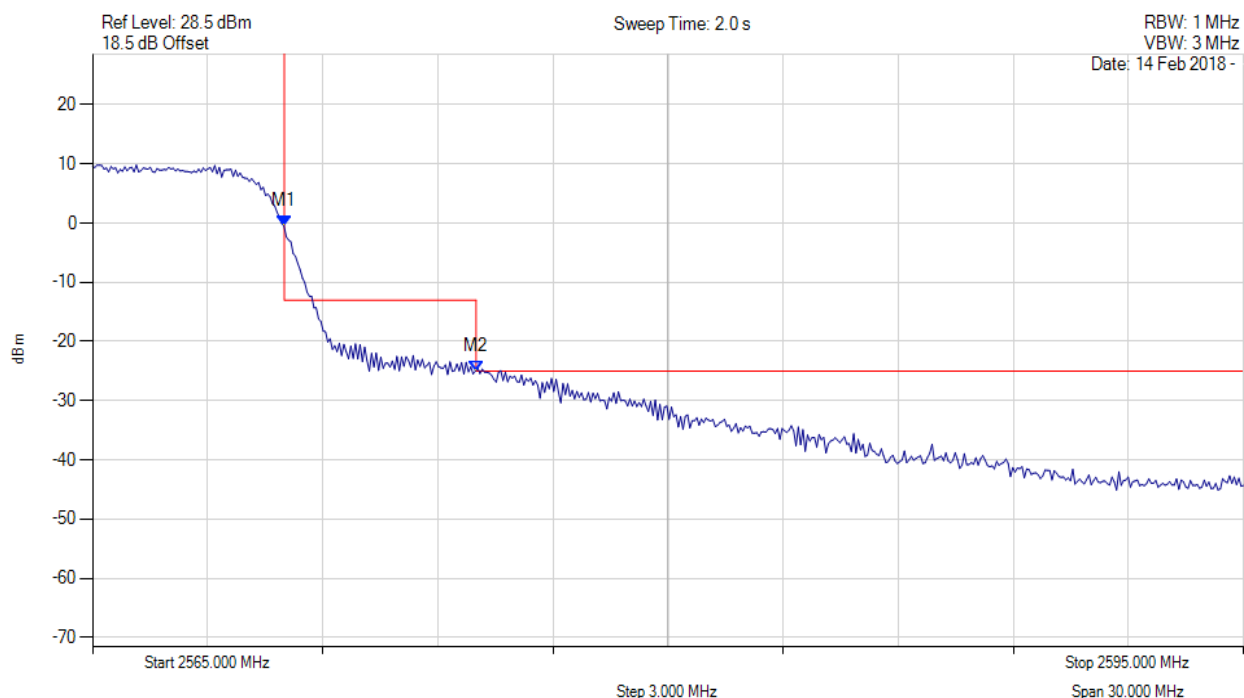

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2570.000 MHz : -44.786 dBm M2 : 2575.000 MHz : -57.523 dBm	Channel Frequency: 2567.50 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

Variant: 16QAM, Channel: 2567.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2570.000 MHz : 5.541 dBm M2 : 2575.000 MHz : -25.832 dBm	Channel Frequency: 2567.50 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

Variant: 16QAM, Channel: 2505.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2495.000 MHz : -57.523 dBm M2 : 2500.000 MHz : -36.962 dBm	Channel Frequency: 2505.00 MHz

back to matrix

MiCOMLabs

Conducted Band-Edge Emissions_Peak

Variant: 16QAM, Channel: 2505.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2495.000 MHz : -28.709 dBm M2 : 2500.000 MHz : 10.998 dBm	Channel Frequency: 2505.00 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

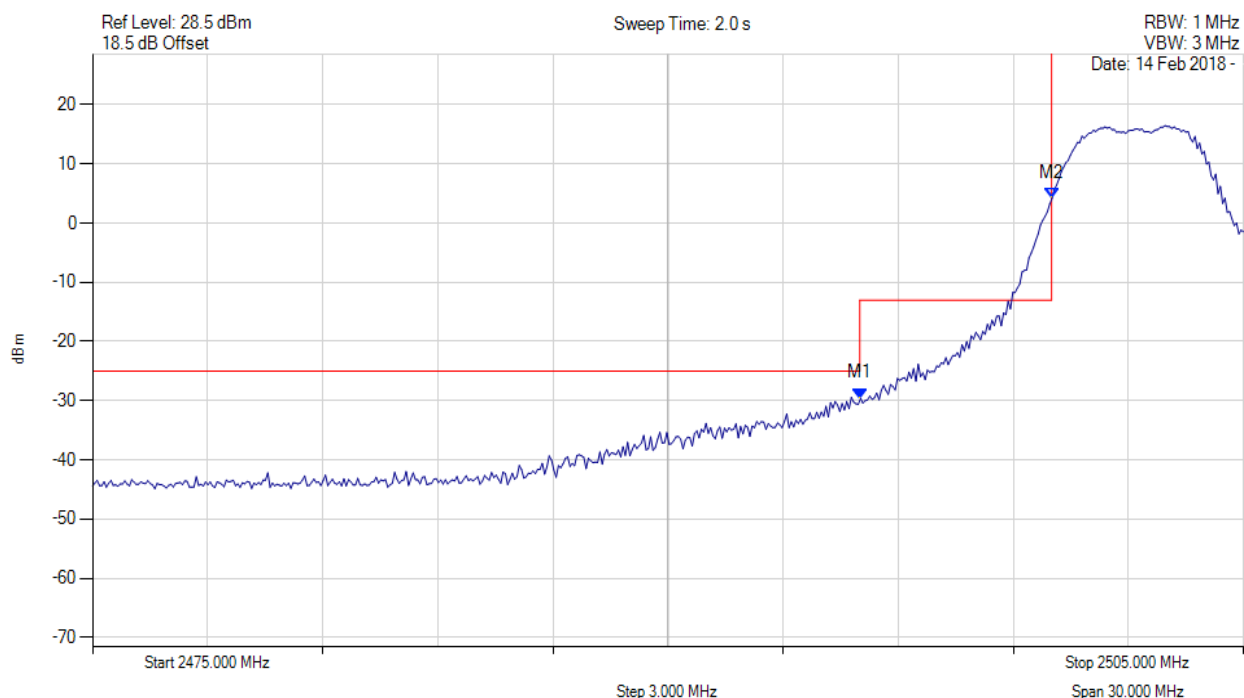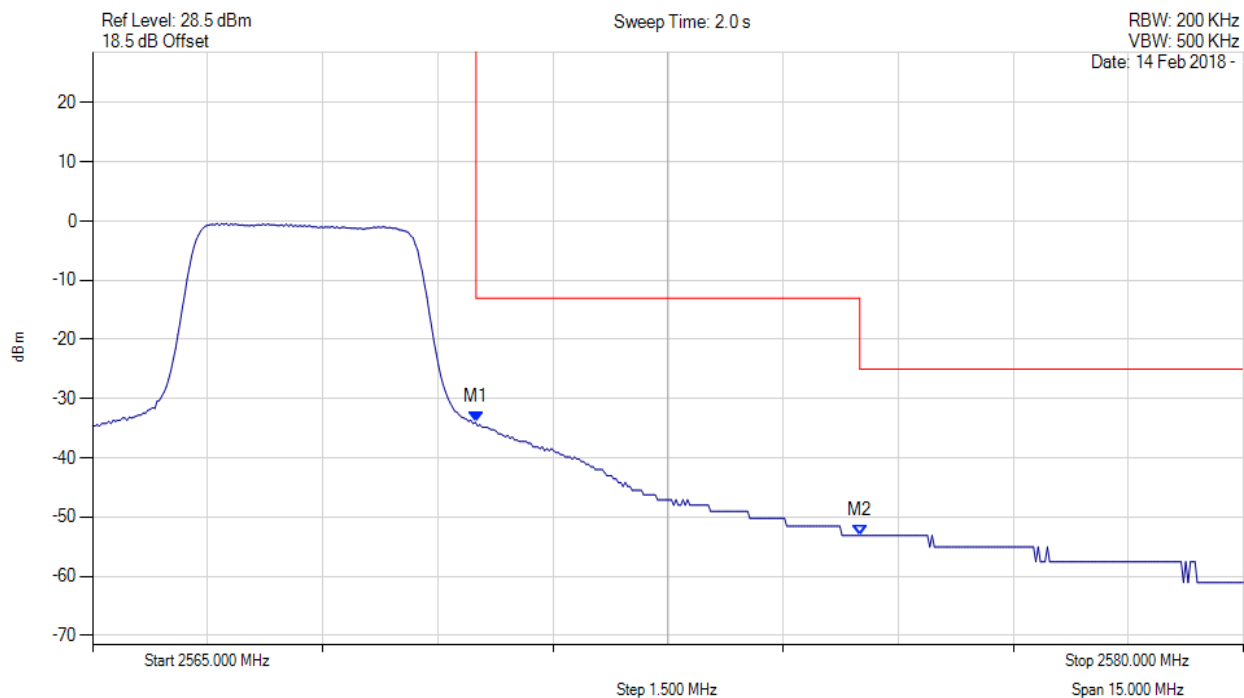Variant: 16QAM, Channel: 2565.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Ref Level: 28.5 dBm
18.5 dB Offset

Sweep Time: 2.0 s

RBW: 100 KHz
VBW: 300 KHz
Date: 14 Feb 2018 -

Start 2565.000 MHz

Step 1.500 MHz

Stop 2580.000 MHz
Span 15.000 MHz

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2570.000 MHz : -36.962 dBm M2 : 2575.000 MHz : -57.523 dBm	Channel Frequency: 2565.00 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

Variant: 16QAM, Channel: 2565.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Ref Level: 28.5 dBm
18.5 dB Offset

Sweep Time: 2.0 s

RBW: 1 MHz
VBW: 3 MHz
Date: 14 Feb 2018 -

Start 2565.000 MHz
Stop 2595.000 MHz
Step 3.000 MHz
Span 30.000 MHz

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2570.000 MHz : 6.357 dBm M2 : 2575.000 MHz : -30.074 dBm	Channel Frequency: 2565.00 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

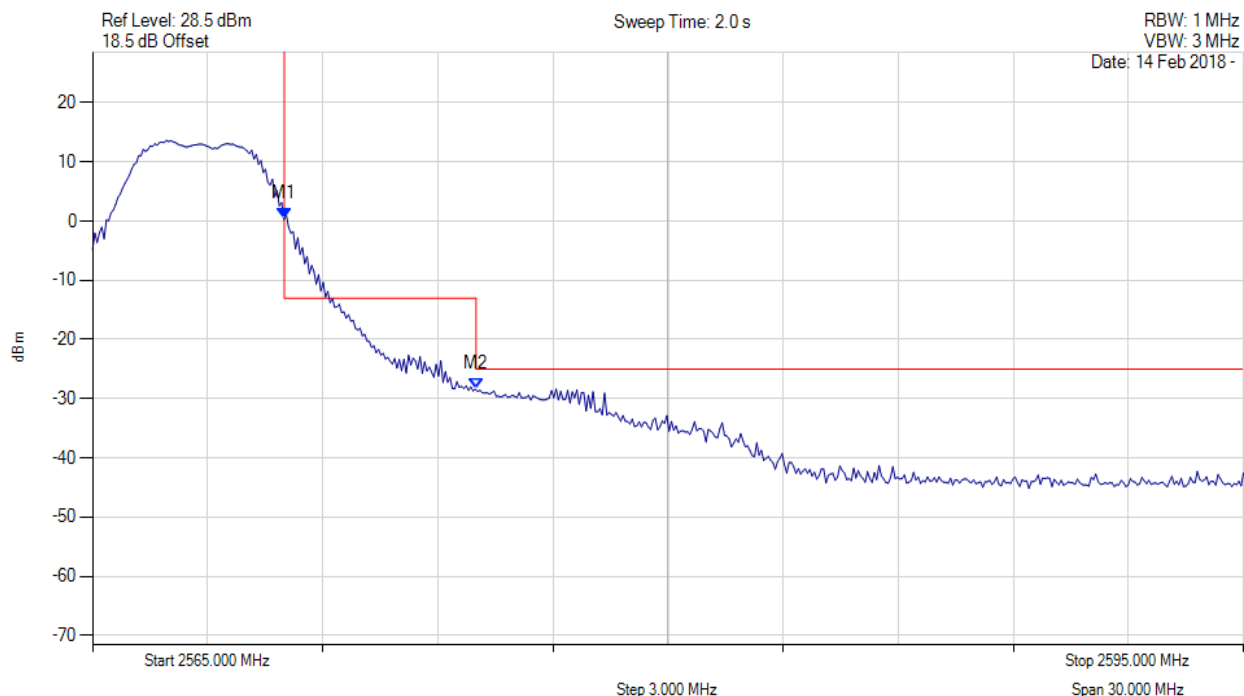Variant: 16QAM, Channel: 2505.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Ref Level: 28.5 dBm
18.5 dB Offset

Sweep Time: 2.0 s

RBW: 100 KHz
VBW: 300 KHz
Date: 14 Feb 2018 -

Start 2490.000 MHz
Stop 2505.000 MHz
Step 1.500 MHz
Span 15.000 MHz

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2495.000 MHz : -53.086 dBm M2 : 2500.000 MHz : -41.960 dBm	Channel Frequency: 2505.00 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

Variant: 16QAM, Channel: 2505.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2495.000 MHz : -24.636 dBm M2 : 2500.000 MHz : 2.987 dBm	Channel Frequency: 2505.00 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

Variant: 16QAM, Channel: 2565.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc
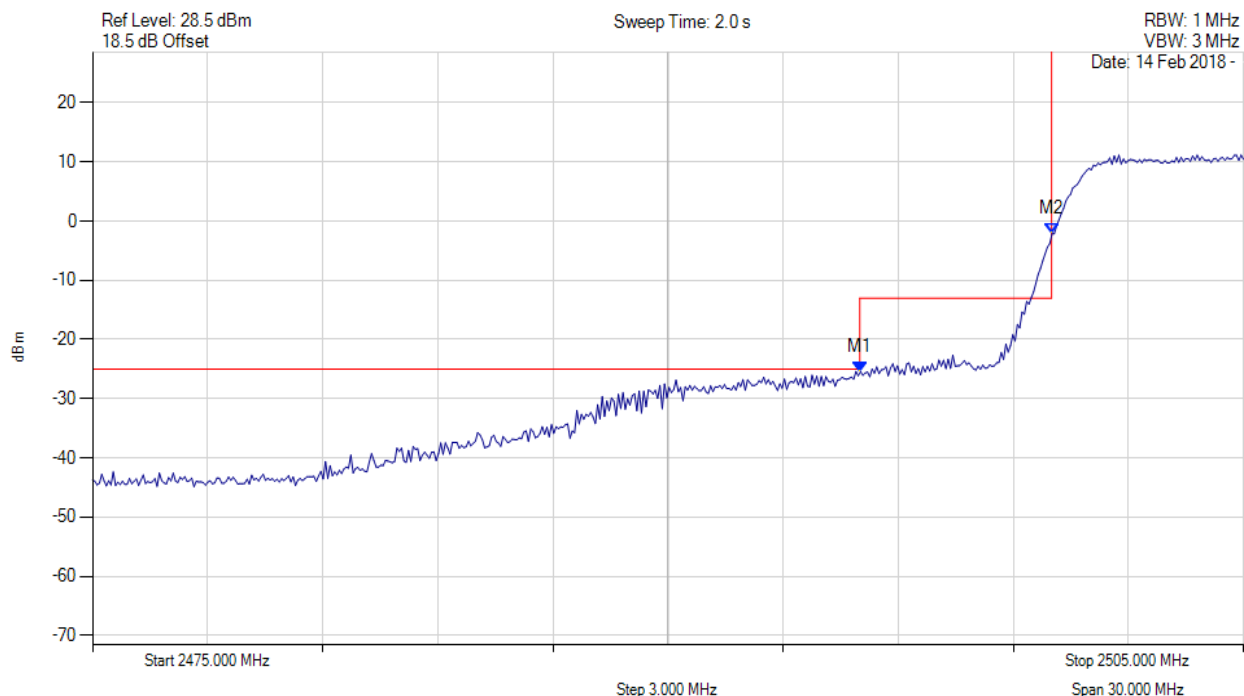

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2570.000 MHz : -44.143 dBm M2 : 2575.000 MHz : -55.024 dBm	Channel Frequency: 2565.00 MHz

Conducted Band-Edge Emissions_Peak

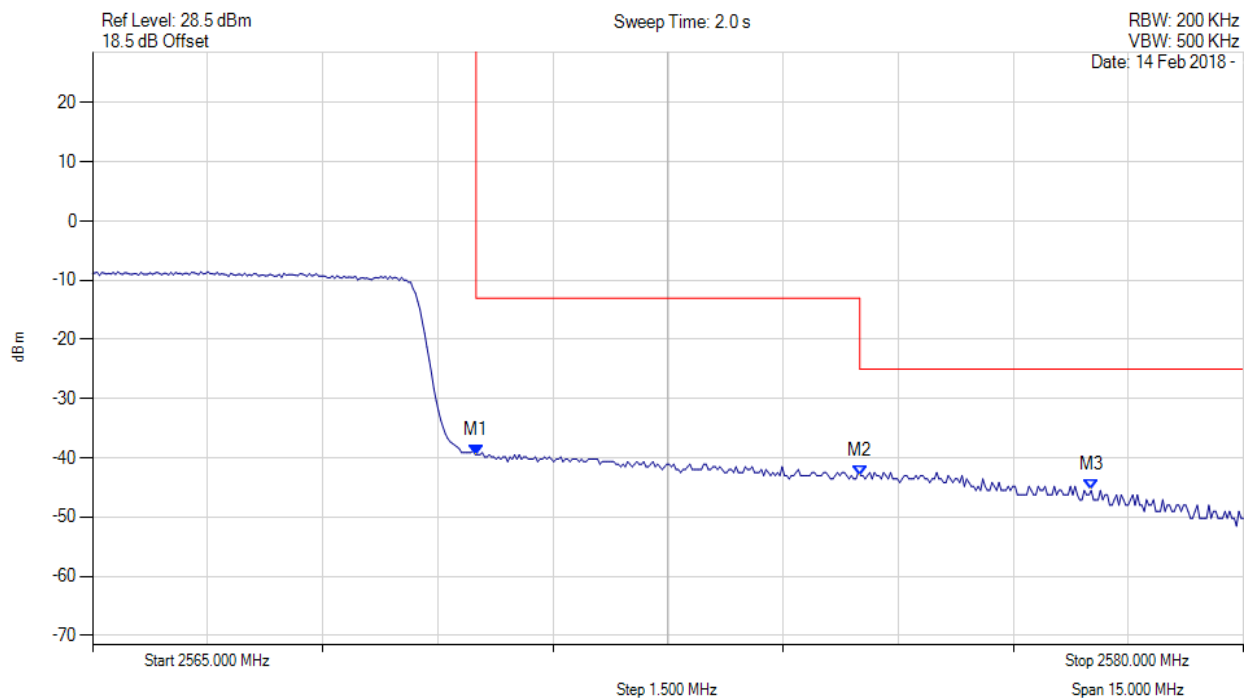Variant: 16QAM, Channel: 2560.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2570.000 MHz : -0.469 dBm M2 : 2575.000 MHz : -24.988 dBm	Channel Frequency: 2565.00 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

Variant: 16QAM, Channel: 2507.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc
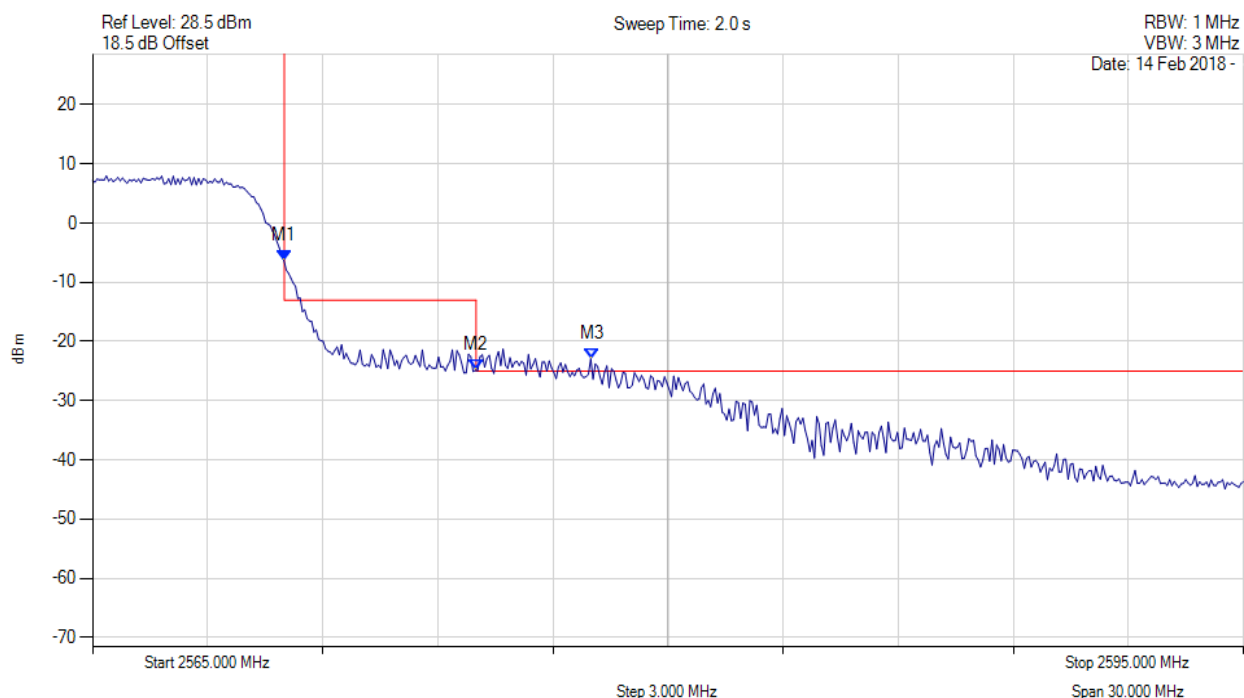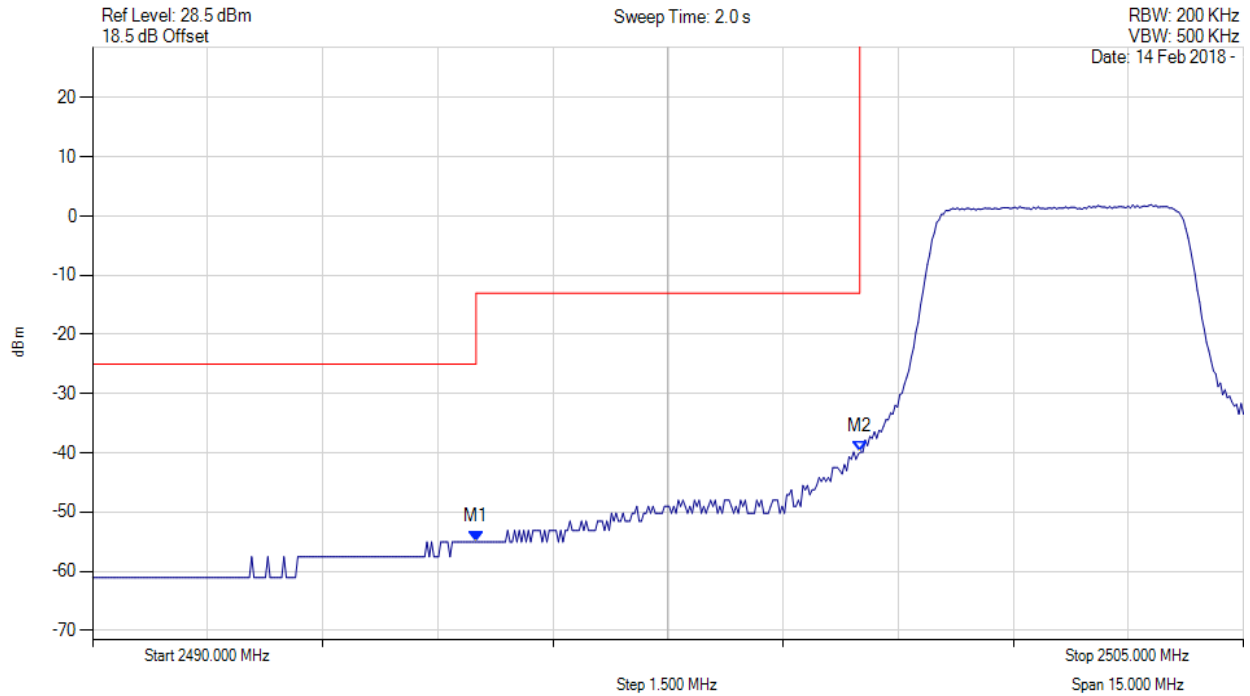

Ref Level: 28.5 dBm	Sweep Time: 2.0 s	RBW: 200 KHz
18.5 dB Offset		VBW: 500 KHz
		Date: 14 Feb 2018 -

Start 2490.000 MHz
Stop 2505.000 MHz
Step 1.500 MHz
Span 15.000 MHz

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2495.000 MHz : -55.024 dBm M2 : 2500.000 MHz : -39.107 dBm	Channel Frequency: 2507.50 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

Variant: 16QAM, Channel: 2507.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Ref Level: 28.5 dBm
18.5 dB Offset

Sweep Time: 2.0 s

RBW: 1 MHz
VBW: 3 MHz
Date: 14 Feb 2018 -

Start 2475.000 MHz
Stop 2505.000 MHz
Step 3.000 MHz
Span 30.000 MHz

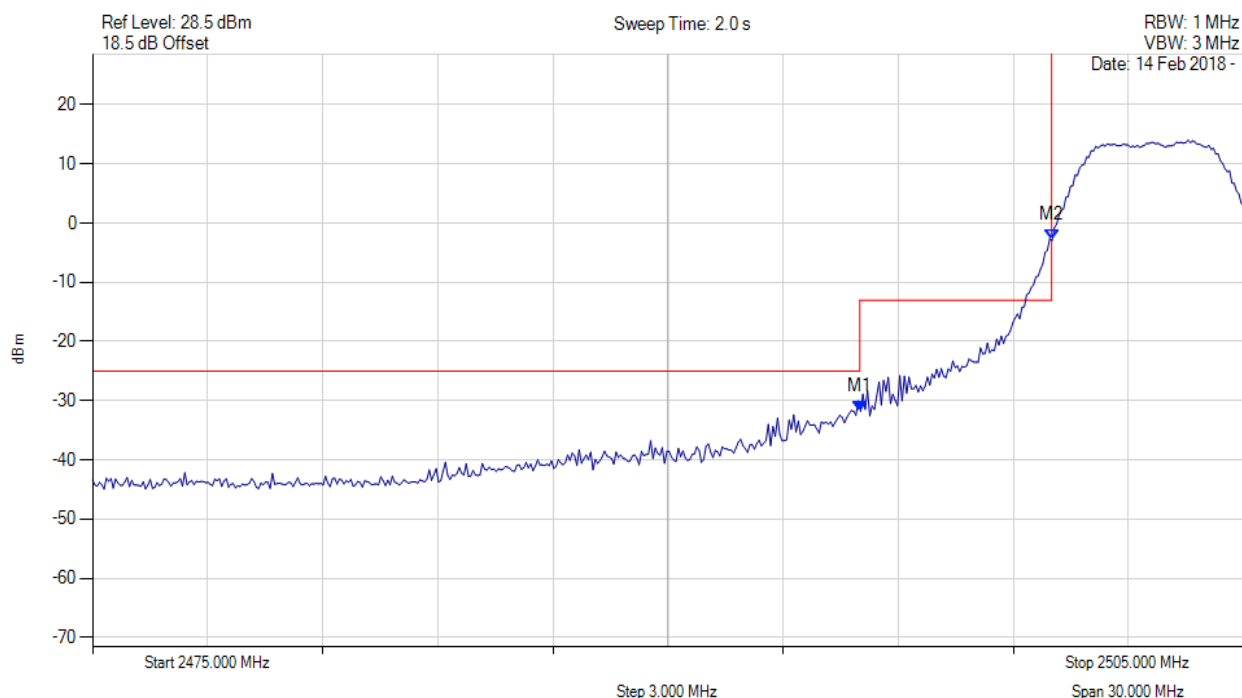| Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2495.000 MHz : -29.614 dBm M2 : 2500.000 MHz : 4.156 dBm	Channel Frequency: 2507.50 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

Variant: 16QAM, Channel: 2562.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Ref Level: 28.5 dBm
18.5 dB Offset

Sweep Time: 2.0 s

RBW: 200 KHz
VBW: 500 KHz
Date: 14 Feb 2018 -

Start 2565.000 MHz

Stop 2580.000 MHz

Step 1.500 MHz

Span 15.000 MHz

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2570.000 MHz : -34.001 dBm M2 : 2575.000 MHz : -53.086 dBm	Channel Frequency: 2560.00 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

Variant: 16QAM, Channel: 2562.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2570.000 MHz : 0.329 dBm M2 : 2575.000 MHz : -28.404 dBm	Channel Frequency: 2560.00 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

Variant: 16QAM, Channel: 2507.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

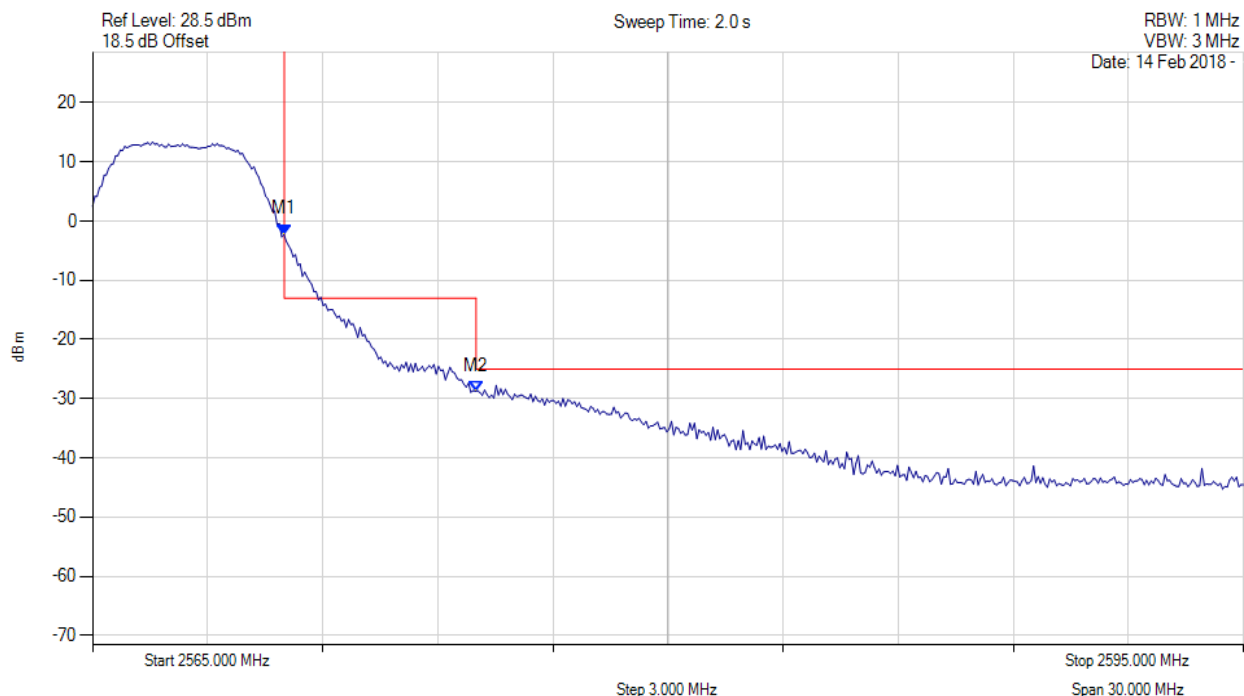| Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2495.000 MHz : -44.786 dBm M2 : 2500.000 MHz : -40.217 dBm	Channel Frequency: 2507.50 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

Variant: 16QAM, Channel: 2507.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

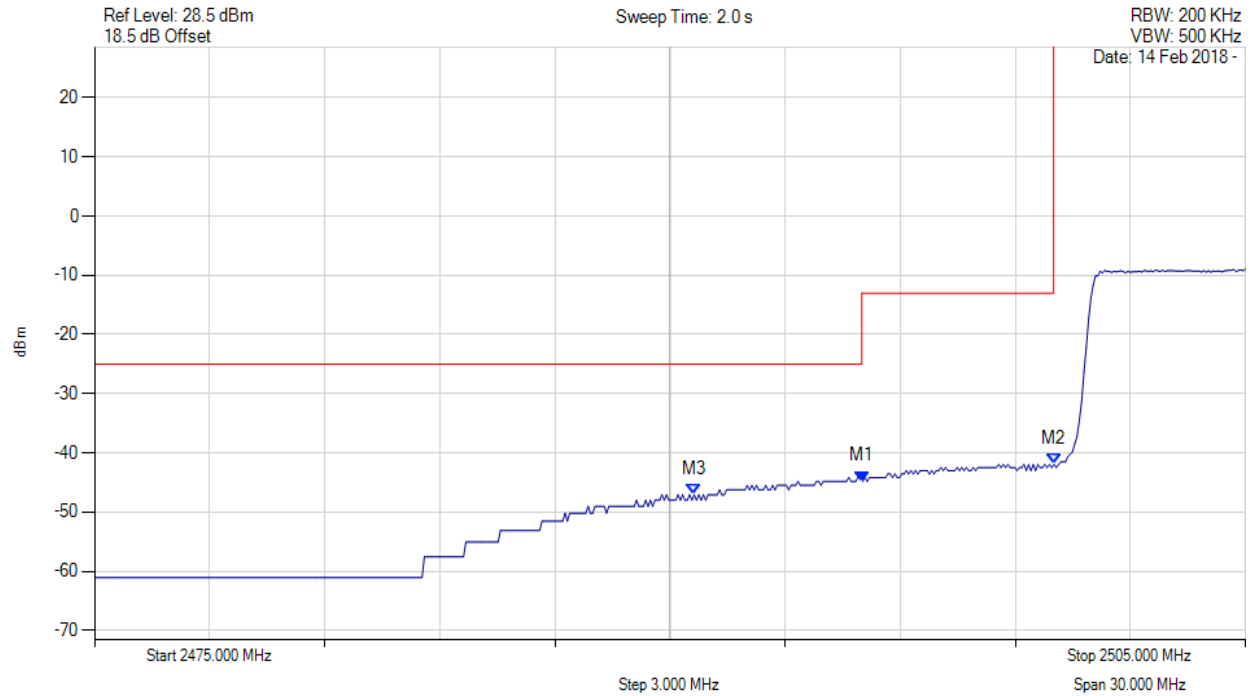| Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2495.000 MHz : -25.429 dBm M2 : 2500.000 MHz : -2.155 dBm	Channel Frequency: 2507.50 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

Variant: 16QAM, Channel: 2562.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc
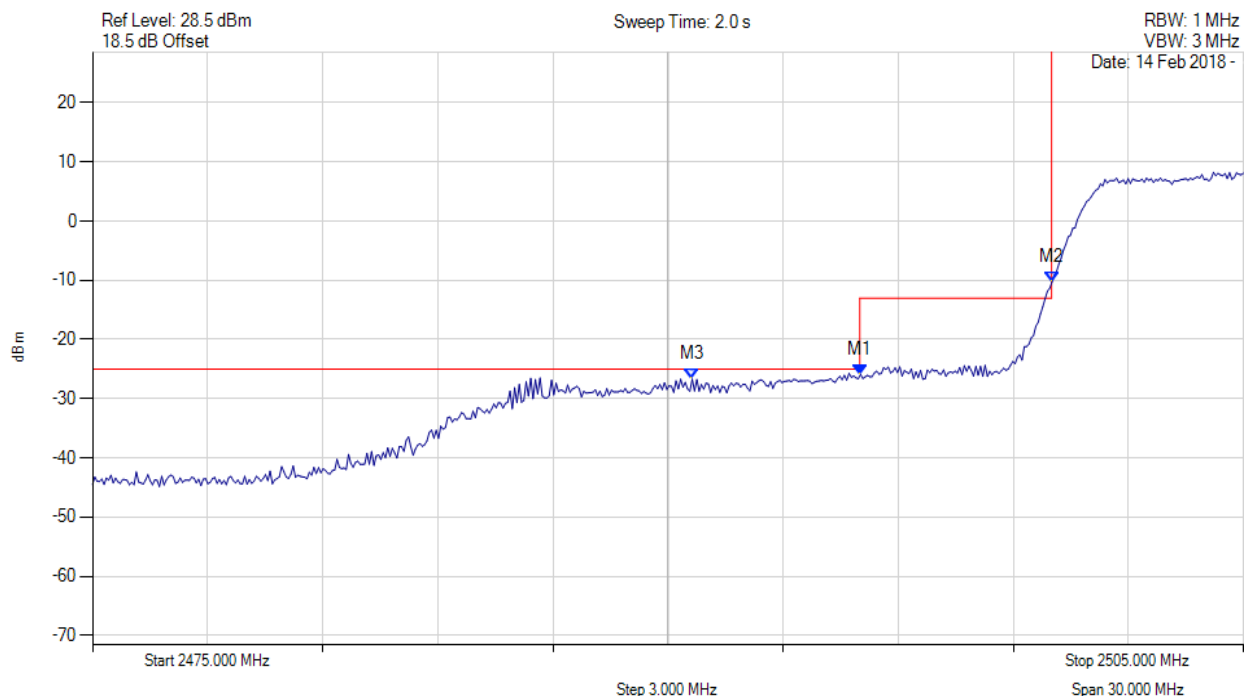

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2570.000 MHz : -39.461 dBm M2 : 2575.000 MHz : -42.983 dBm M3 : 2578.016 MHz : -45.482 dBm	Channel Frequency: 2560.00 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

Variant: 16QAM, Channel: 2562.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2570.000 MHz : -6.338 dBm M2 : 2575.000 MHz : -24.870 dBm M3 : 2578.016 MHz : -22.923 dBm	Channel Frequency: 2560.00 MHz

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

Variant: 16QAM, Channel: 2510.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2495.000 MHz : -55.024 dBm M2 : 2500.000 MHz : -39.831 dBm	Channel Frequency: 2510.00 MHz

back to matrix

MiCOMLabs

Conducted Band-Edge Emissions_Peak

Variant: 16QAM, Channel: 2510.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2495.000 MHz : -31.803 dBm M2 : 2500.000 MHz : -2.940 dBm	Channel Frequency: 2510.00 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

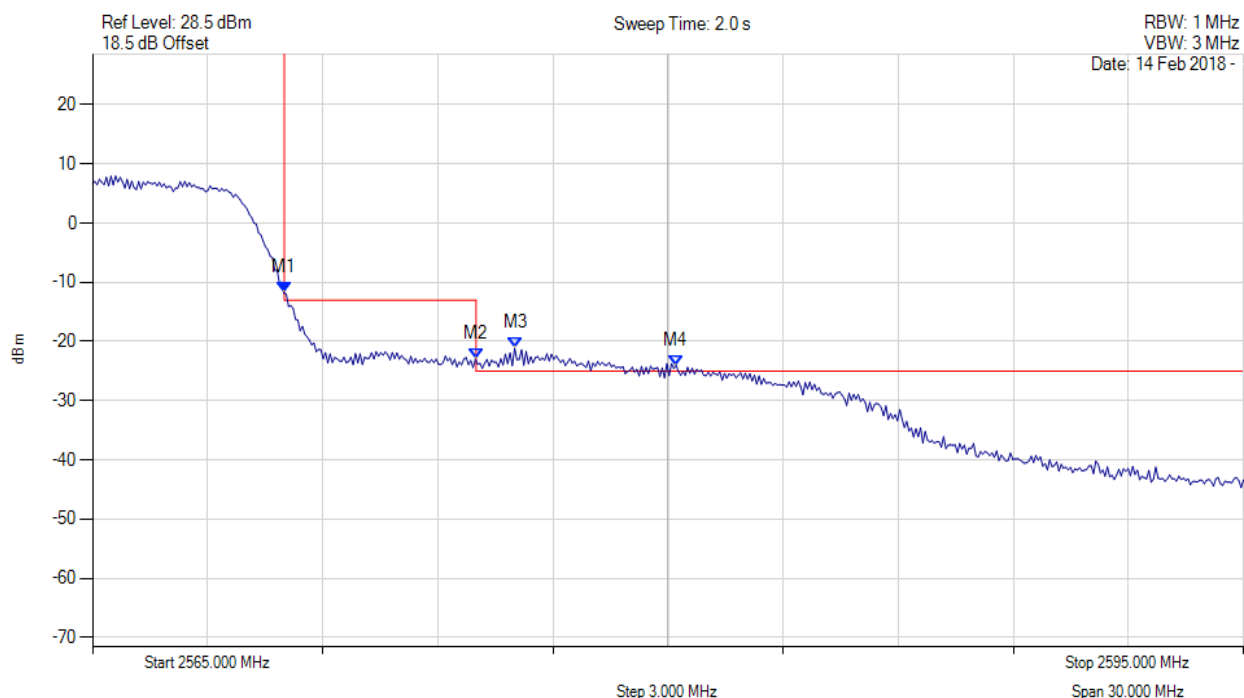Variant: 16QAM, Channel: 2560.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Ref Level: 28.5 dBm
18.5 dB Offset

Sweep Time: 2.0 s

RBW: 200 KHz
VBW: 500 KHz
Date: 14 Feb 2018 -

Start 2565.000 MHz

Step 1.500 MHz

Stop 2580.000 MHz
Span 15.000 MHz

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2570.000 MHz : -34.810 dBm M2 : 2575.000 MHz : -53.086 dBm	Channel Frequency: 2560.00 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

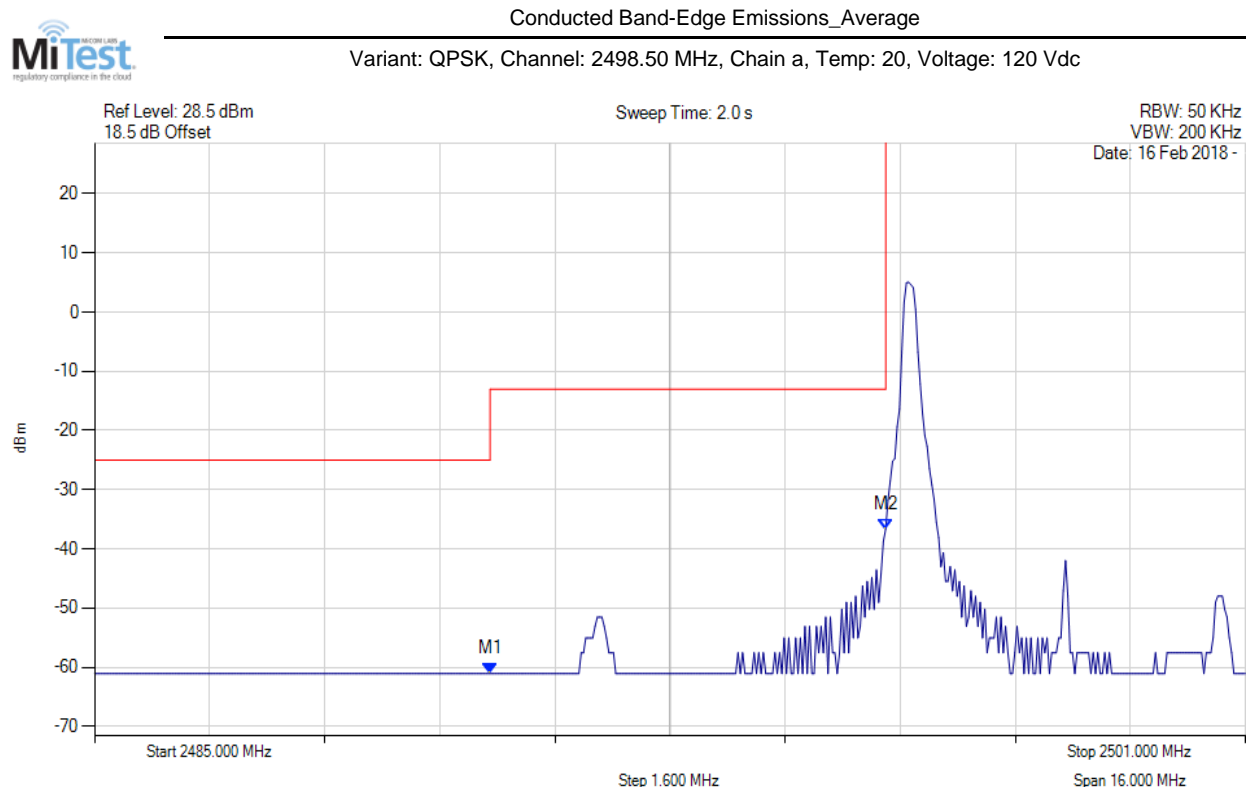Variant: 16QAM, Channel: 2560.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

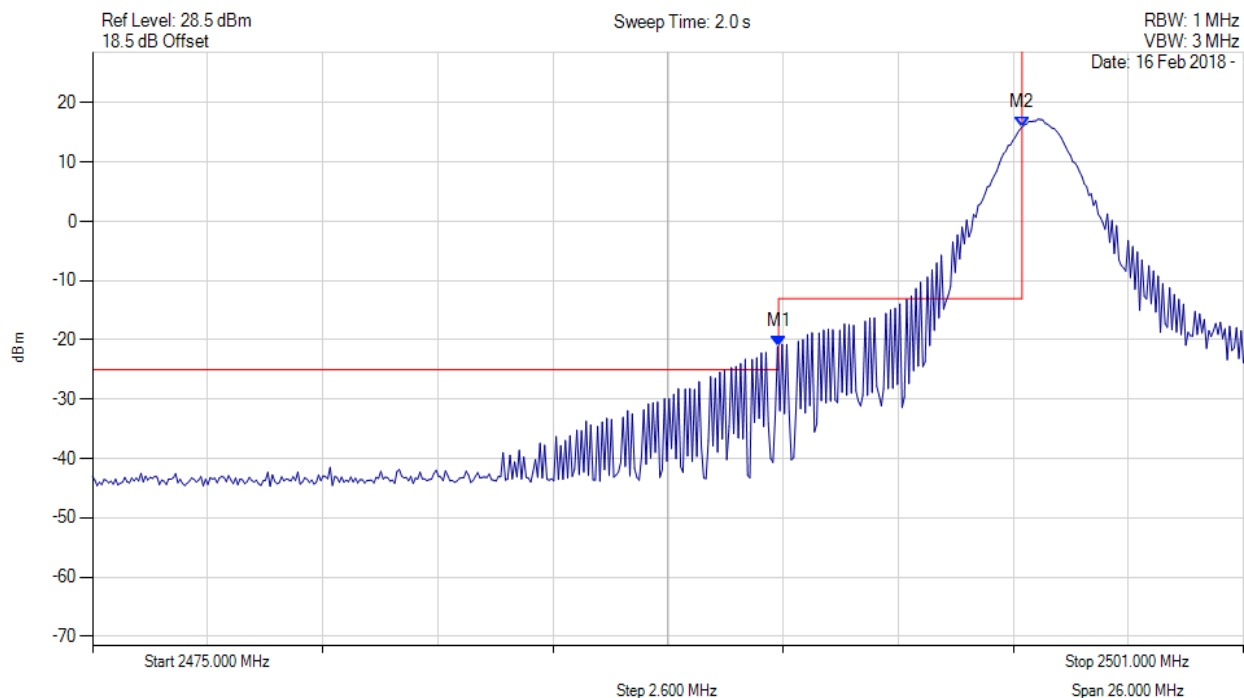| Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2570.000 MHz : -2.267 dBm M2 : 2575.000 MHz : -28.736 dBm	Channel Frequency: 2560.00 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

Variant: 16QAM, Channel: 2510.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2495.000 MHz : -44.786 dBm M2 : 2500.000 MHz : -41.960 dBm M3 : 2490.631 MHz : -47.065 dBm	Channel Frequency: 2510.00 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

Variant: 16QAM, Channel: 2510.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Ref Level: 28.5 dBm
18.5 dB Offset
Sweep Time: 2.0 s
RBW: 1 MHz
VBW: 3 MHz
Date: 14 Feb 2018 -

Start 2475.000 MHz
Stop 2505.000 MHz
Step 3.000 MHz
Span 30.000 MHz

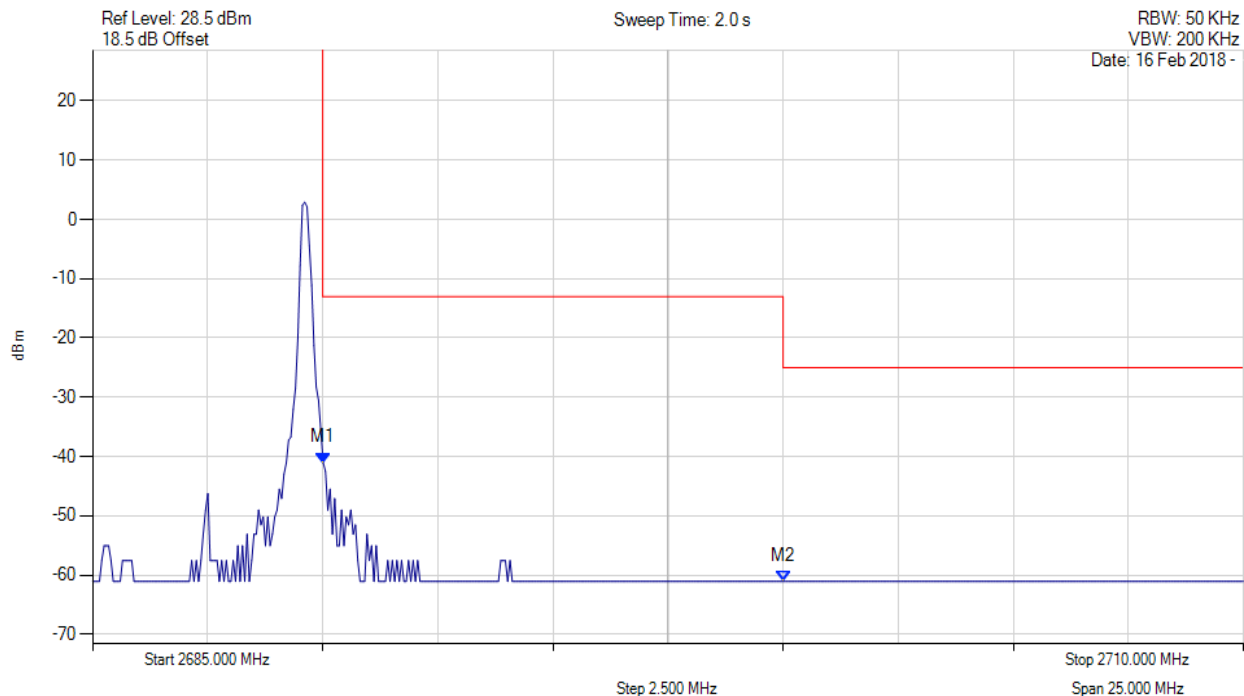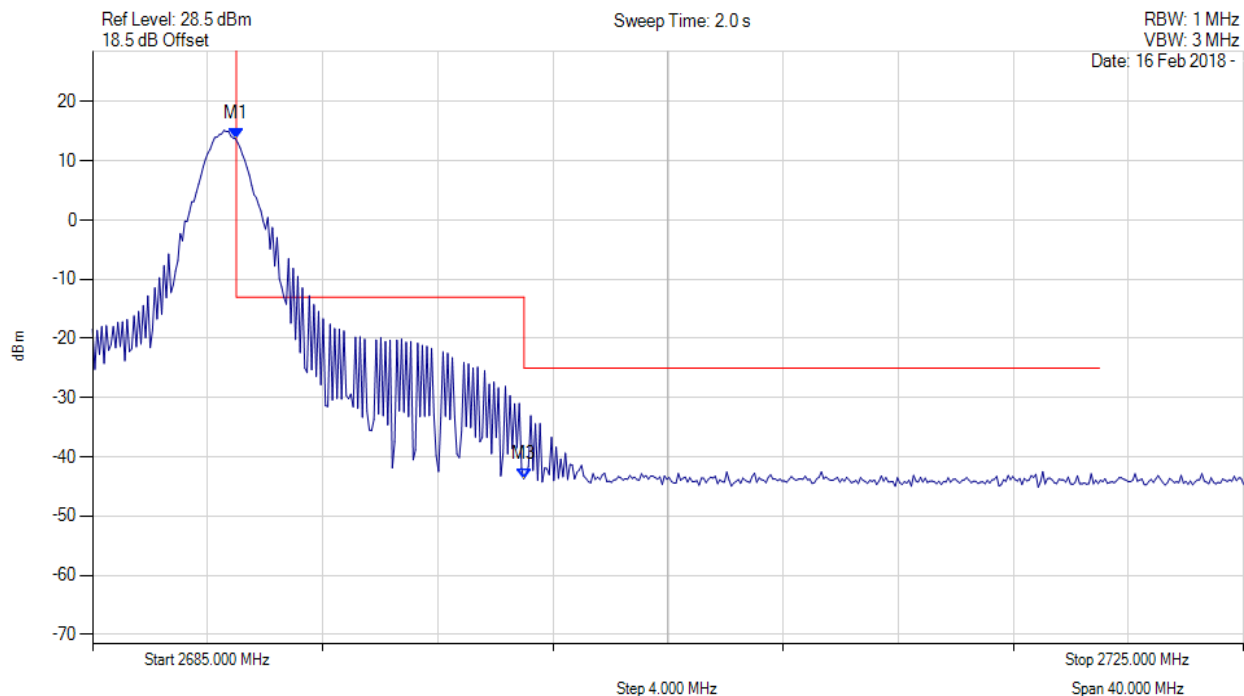| Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2495.000 MHz : -25.907 dBm M2 : 2500.000 MHz : -10.282 dBm M3 : 2490.631 MHz : -26.708 dBm	Channel Frequency: 2510.00 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

MiCOMLabs

Conducted Band-Edge Emissions_Average

MiTest
regulatory compliance in the cloud

Variant: 16QAM, Channel: 2560.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Ref Level: 28.5 dBm
18.5 dB Offset

Sweep Time: 2.0 s

RBW: 200 KHz
VBW: 500 KHz
Date: 14 Feb 2018 -

Start 2565.000 MHz
Stop 2580.000 MHz

Step 1.500 MHz
Span 15.000 MHz

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2570.000 MHz : -40.621 dBm M2 : 2575.000 MHz : -42.456 dBm M3 : 2576.032 MHz : -42.456 dBm	Channel Frequency: 2560.00 MHz

back to matrix

MiCOMLabs

Conducted Band-Edge Emissions_Peak

Variant: 16QAM, Channel: 2560.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2570.000 MHz : -11.825 dBm M2 : 2575.000 MHz : -22.994 dBm M3 : 2576.032 MHz : -21.146 dBm M4 : 2580.200 MHz : -24.021 dBm	Channel Frequency: 2560.00 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

9.7.5   Band 41: Conducted Band Edge Emissions

9.7.5.1   QPSK:

Conducted Band-Edge Emissions_Average

Variant: QPSK, Channel: 2498.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc
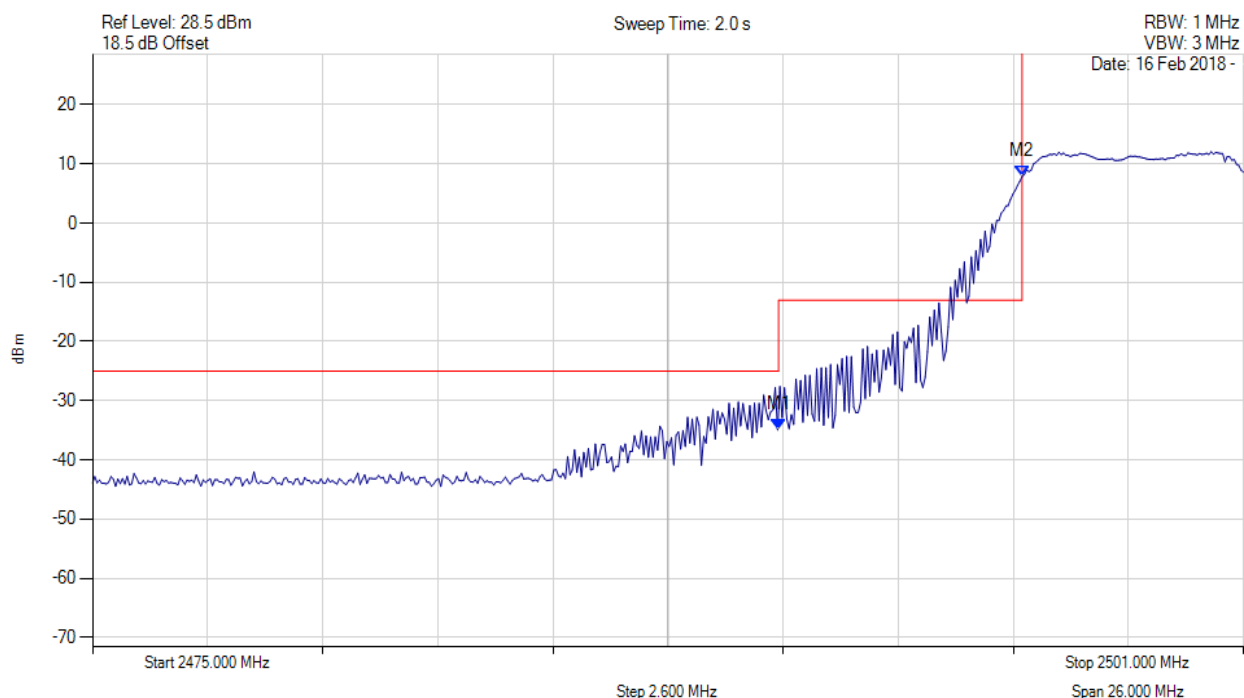

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2490.500 MHz : -61.045 dBm M2 : 2496.000 MHz : -36.695 dBm	Channel Frequency: 2498.50 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

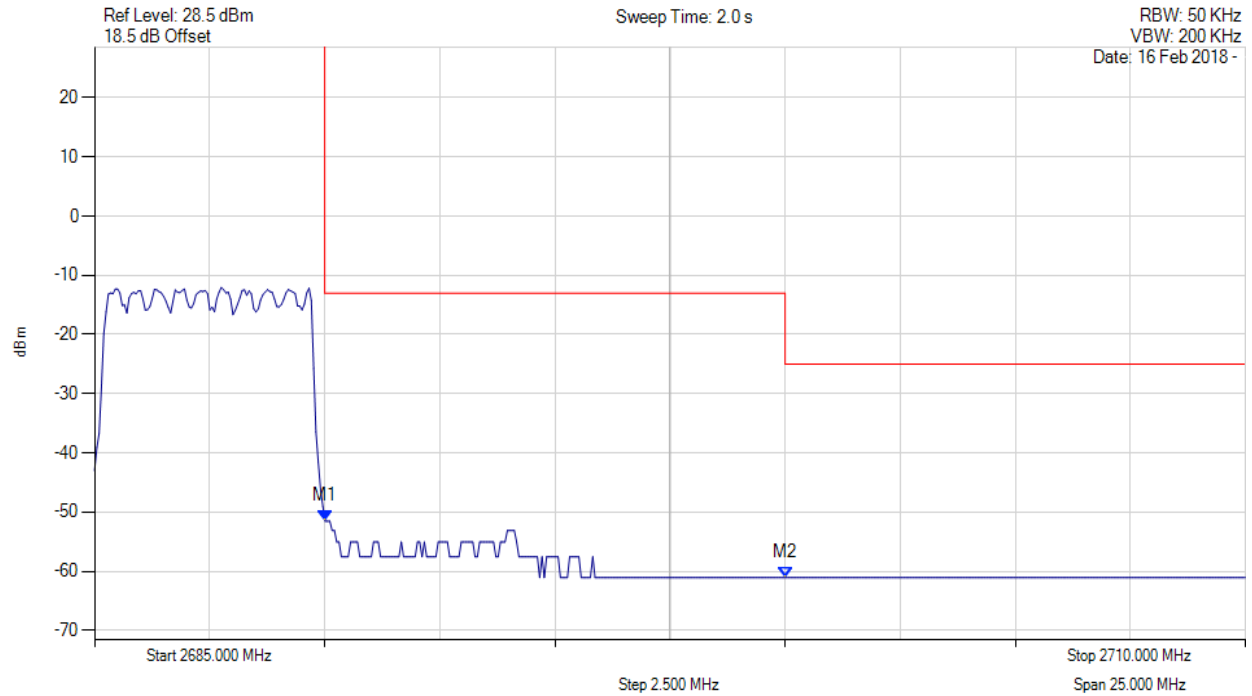Variant: QPSK, Channel: 2498.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Ref Level: 28.5 dBm
18.5 dB Offset

Sweep Time: 2.0 s

RBW: 1 MHz
VBW: 3 MHz
Date: 16 Feb 2018 -

Start 2475.000 MHz

Stop 2501.000 MHz

Step 2.600 MHz

Span 26.000 MHz

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2490.500 MHz : -21.113 dBm M2 : 2496.000 MHz : 15.933 dBm	Channel Frequency: 2498.50 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

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Conducted Band-Edge Emissions_Average

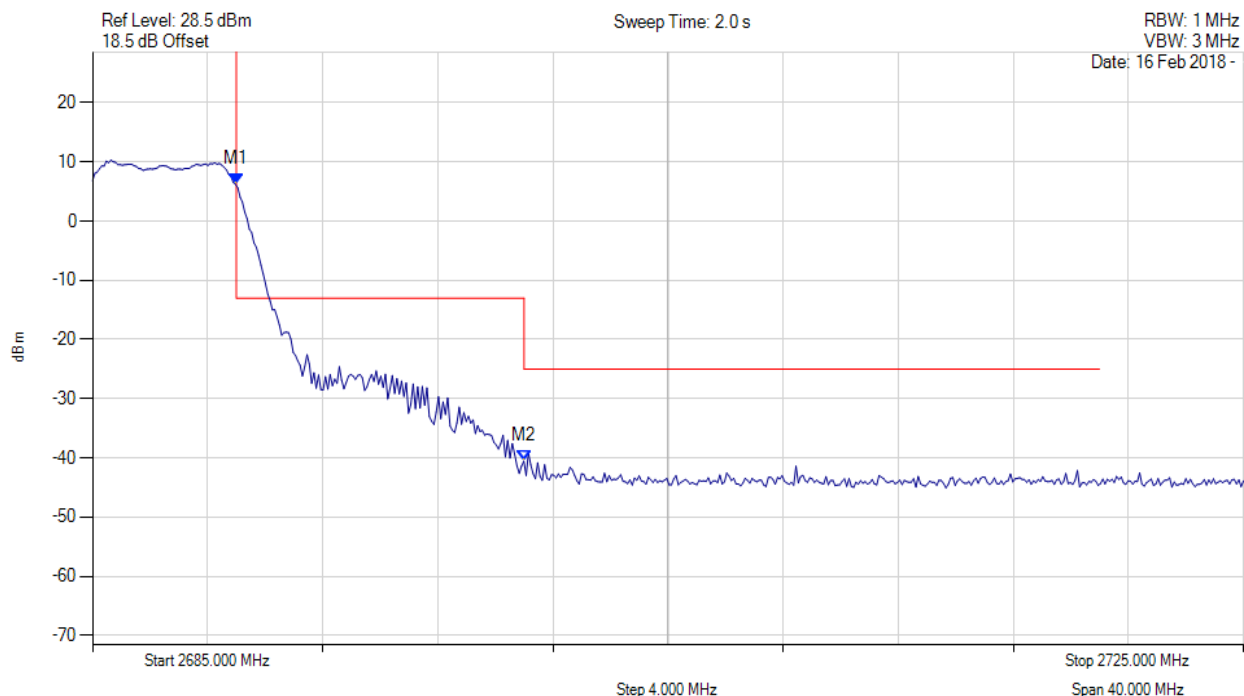Variant: QPSK, Channel: 2685.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

MiTest

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2690.000 MHz : -41.045 dBm M2 : 2700.000 MHz : -61.045 dBm	Channel Frequency: 2685.00 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

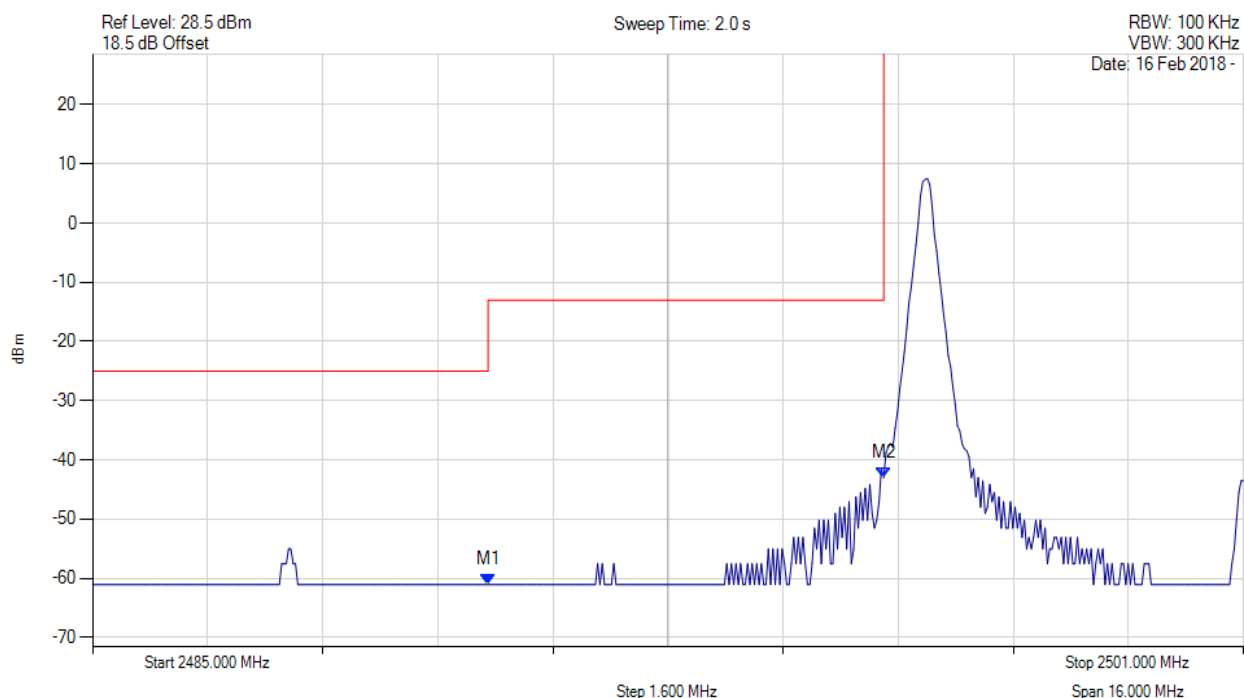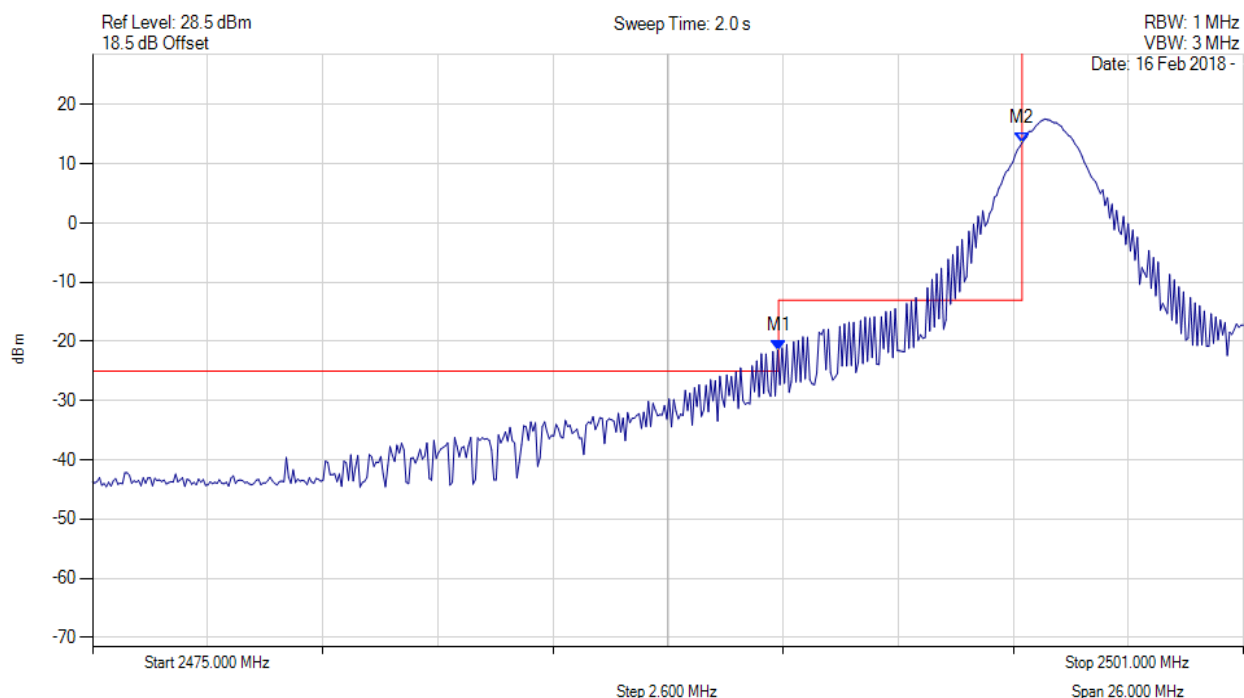Variant: QPSK, Channel: 2685.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Ref Level: 28.5 dBm 18.5 dB Offset	Sweep Time: 2.0 s	RBW: 1 MHz VBW: 3 MHz Date: 16 Feb 2018 -

Start 2685.000 MHz · Step 4.000 MHz · Stop 2725.000 MHz · Span 40.000 MHz

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2690.000 MHz : 13.725 dBm M3 : 2700.000 MHz : -43.678 dBm	Channel Frequency: 2685.00 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

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Conducted Band-Edge Emissions_Average

Variant: QPSK, Channel: 2498.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2490.500 MHz : -61.045 dBm M3 : 2496.000 MHz : -45.482 dBm	Channel Frequency: 2498.50 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

Variant: QPSK, Channel: 2498.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2490.500 MHz : -34.912 dBm M2 : 2496.000 MHz : 7.825 dBm	Channel Frequency: 2498.50 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

Variant: QPSK, Channel: 2687.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc
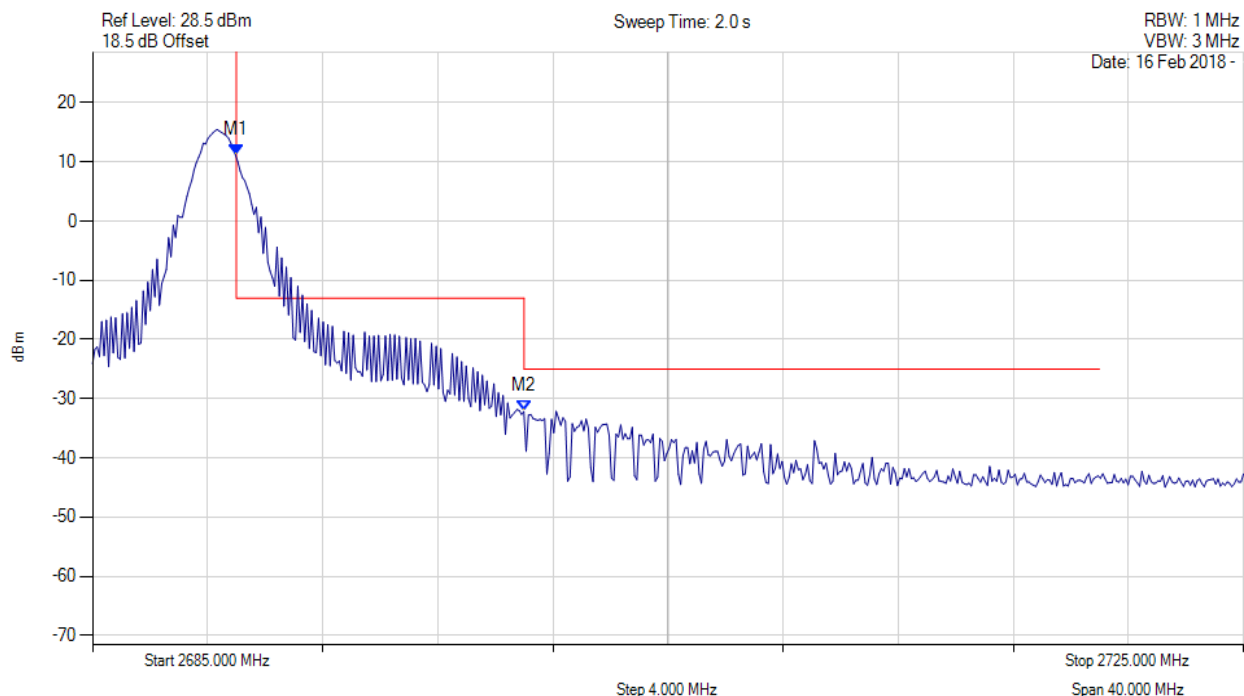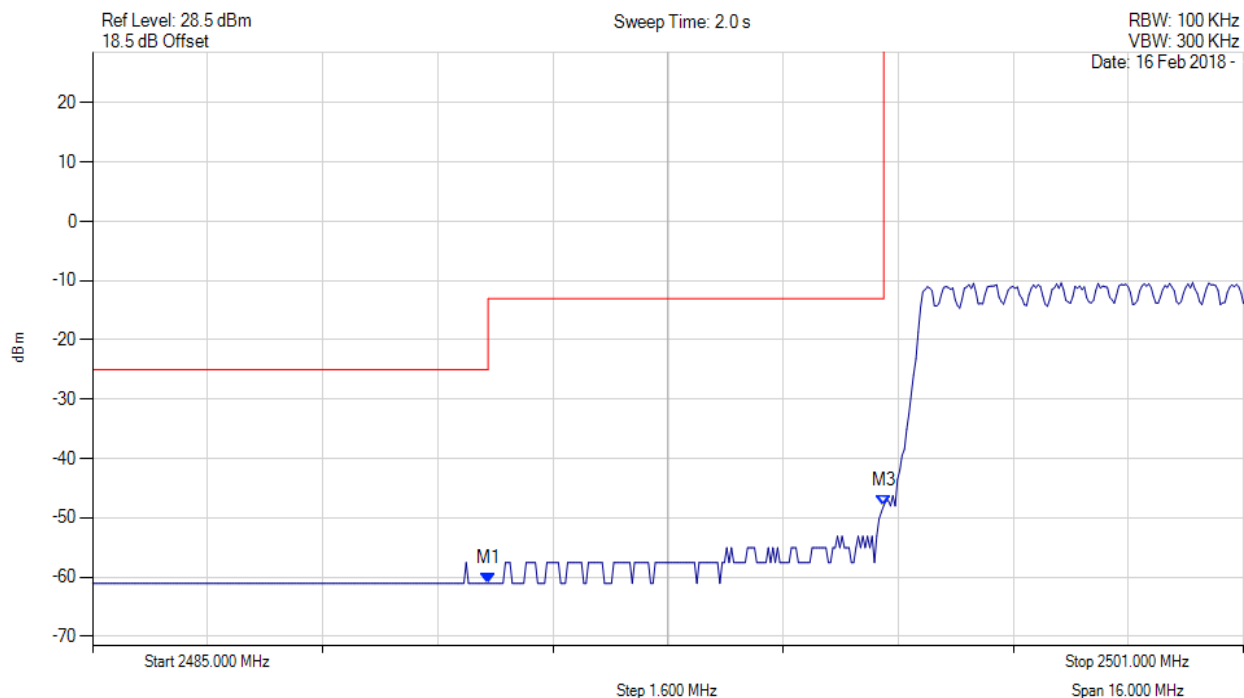

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2690.000 MHz : -51.502 dBm M2 : 2700.000 MHz : -61.045 dBm	Channel Frequency: 2687.50 MHz

back to matrix

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Conducted Band-Edge Emissions_Peak

Variant: QPSK, Channel: 2687.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Ref Level: 28.5 dBm
18.5 dB Offset

Sweep Time: 2.0 s

RBW: 1 MHz
VBW: 3 MHz
Date: 16 Feb 2018 -

Start 2685.000 MHz

Stop 2725.000 MHz

Step 4.000 MHz

Span 40.000 MHz

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2690.000 MHz : 6.210 dBm M2 : 2700.000 MHz : -40.523 dBm	Channel Frequency: 2687.50 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

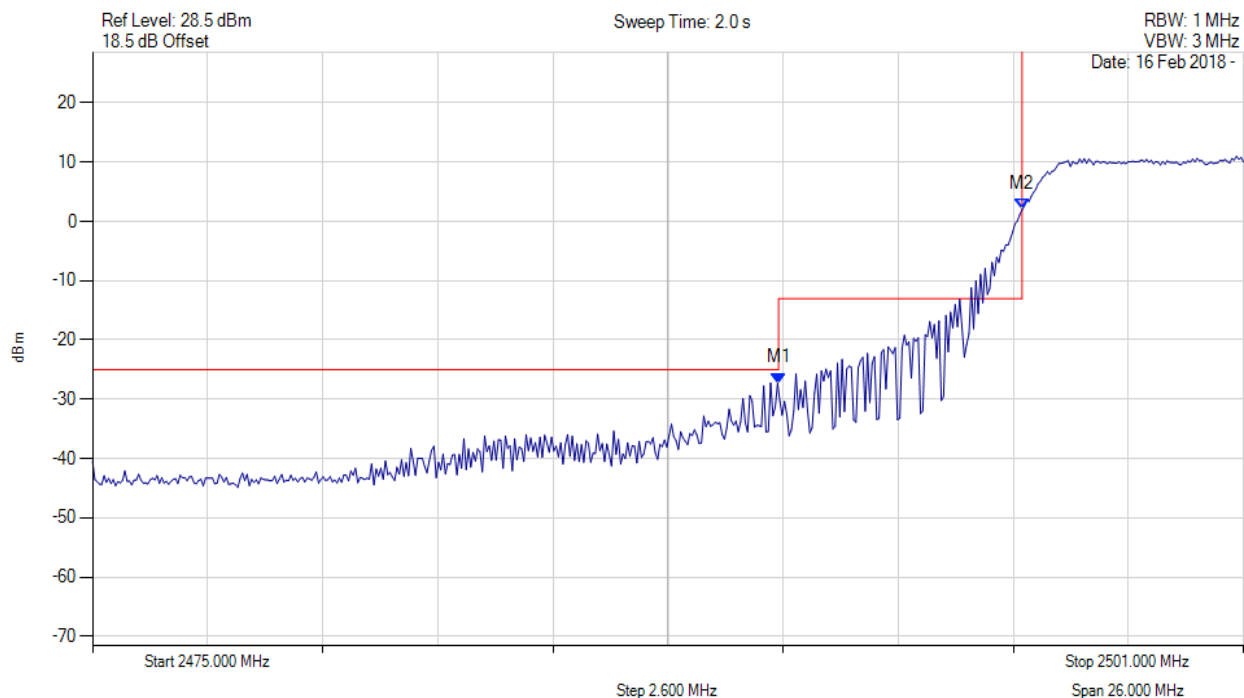Variant: QPSK, Channel: 2501.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc
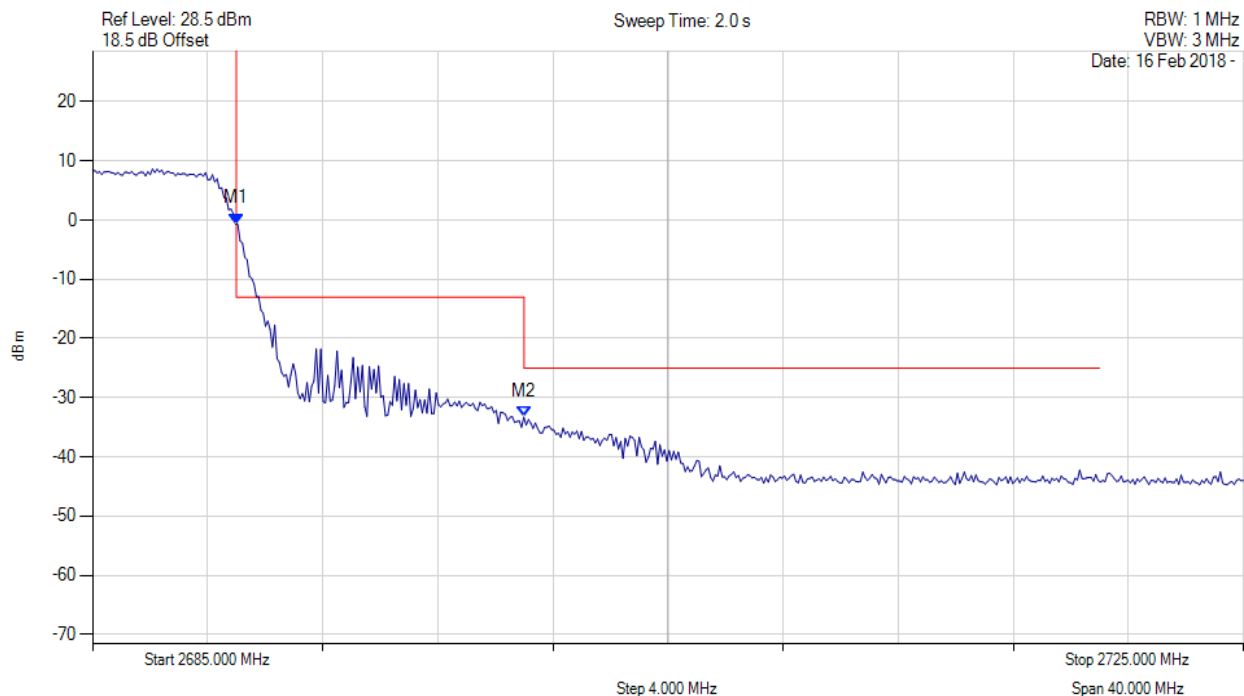

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2490.500 MHz : -61.045 dBm M2 : 2496.000 MHz : -42.983 dBm	Channel Frequency: 2501.00 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

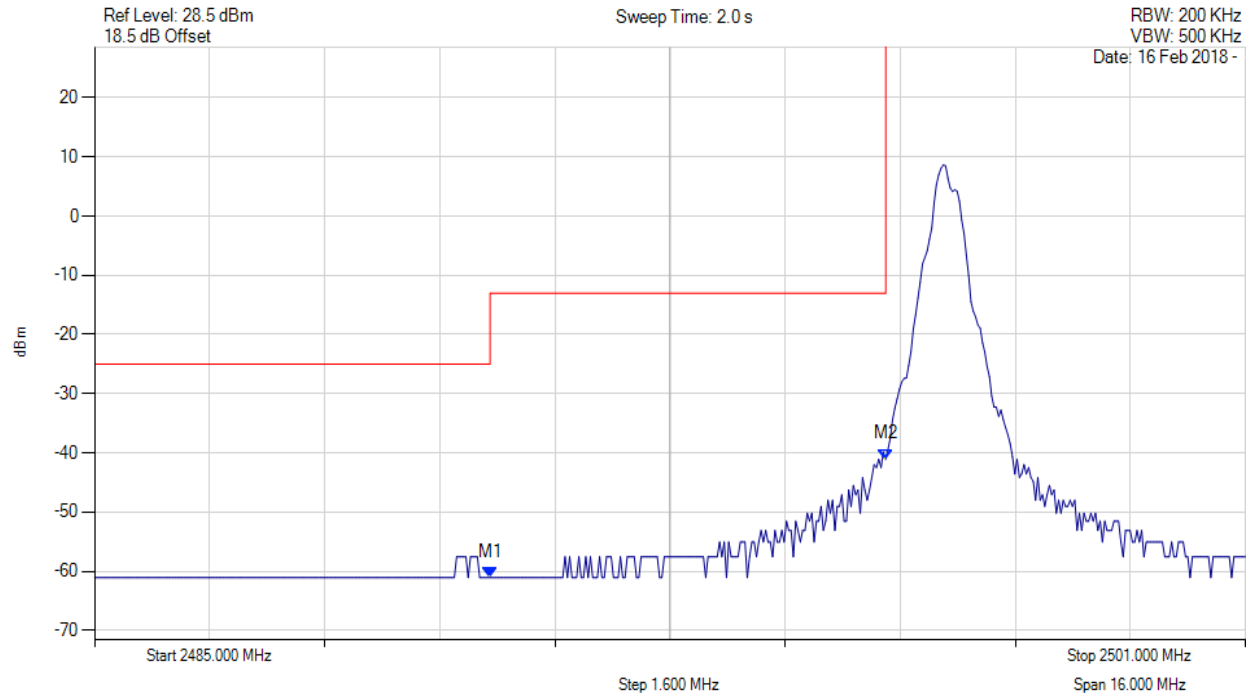Variant: QPSK, Channel: 2501.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2490.500 MHz : -21.463 dBm M2 : 2496.000 MHz : 13.572 dBm	Channel Frequency: 2501.00 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

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Conducted Band-Edge Emissions_Average

Variant: QPSK, Channel: 2685.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2690.000 MHz : -49.004 dBm M2 : 2700.000 MHz : -61.045 dBm	Channel Frequency: 2685.00 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

Variant: QPSK, Channel: 2685.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2690.000 MHz : 11.116 dBm M2 : 2700.000 MHz : -32.152 dBm	Channel Frequency: 2685.00 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

Variant: QPSK, Channel: 2501.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc
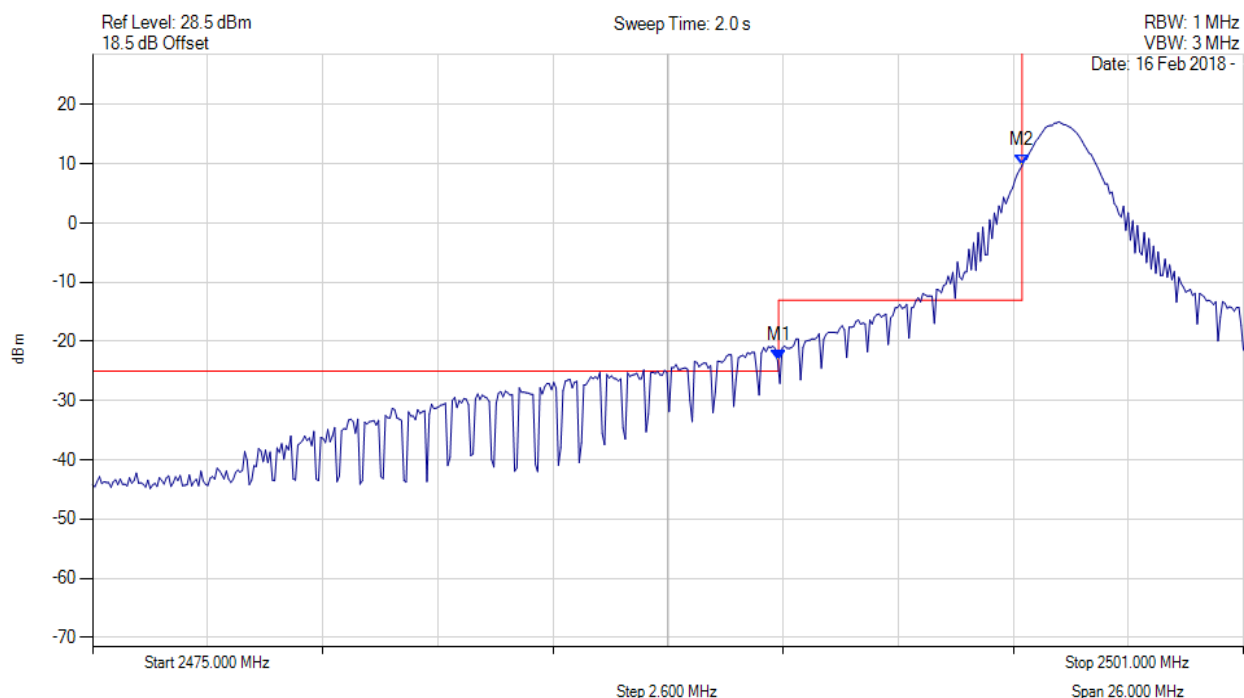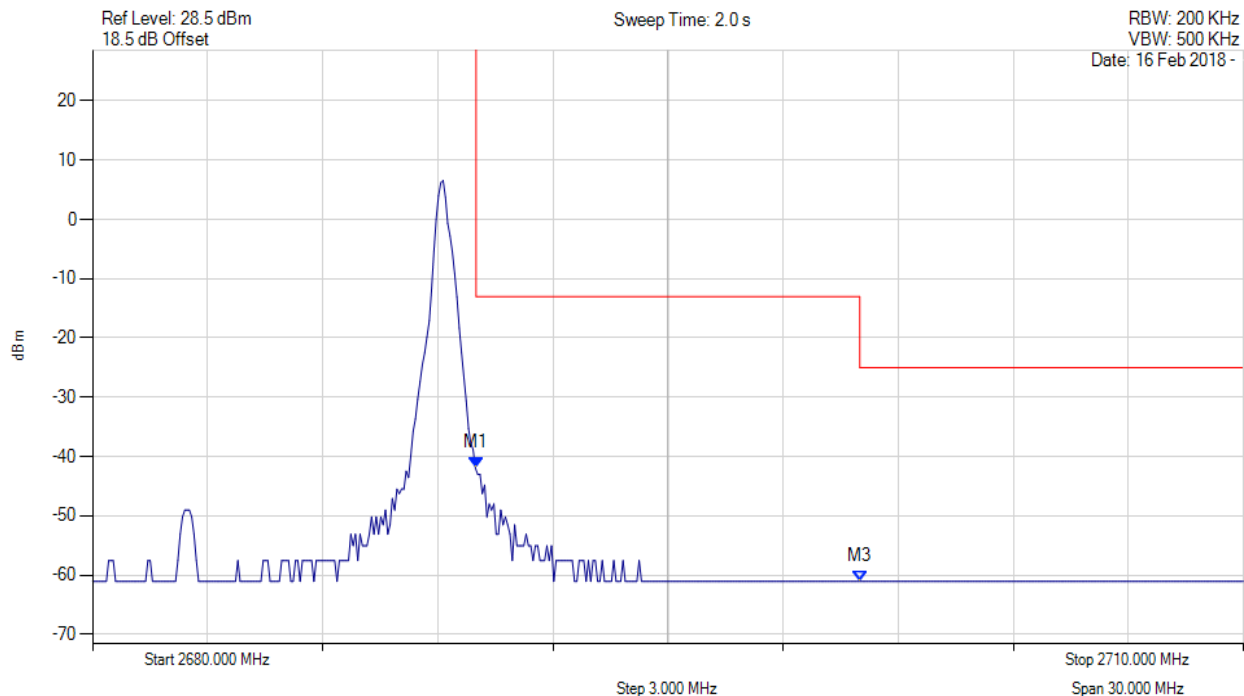

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2490.500 MHz : -61.045 dBm M3 : 2496.000 MHz : -47.980 dBm	Channel Frequency: 2498.50 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

Variant: QPSK, Channel: 2501.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2490.500 MHz : -27.278 dBm M2 : 2496.000 MHz : 1.968 dBm	Channel Frequency: 2501.00 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

Variant: QPSK, Channel: 2685.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc
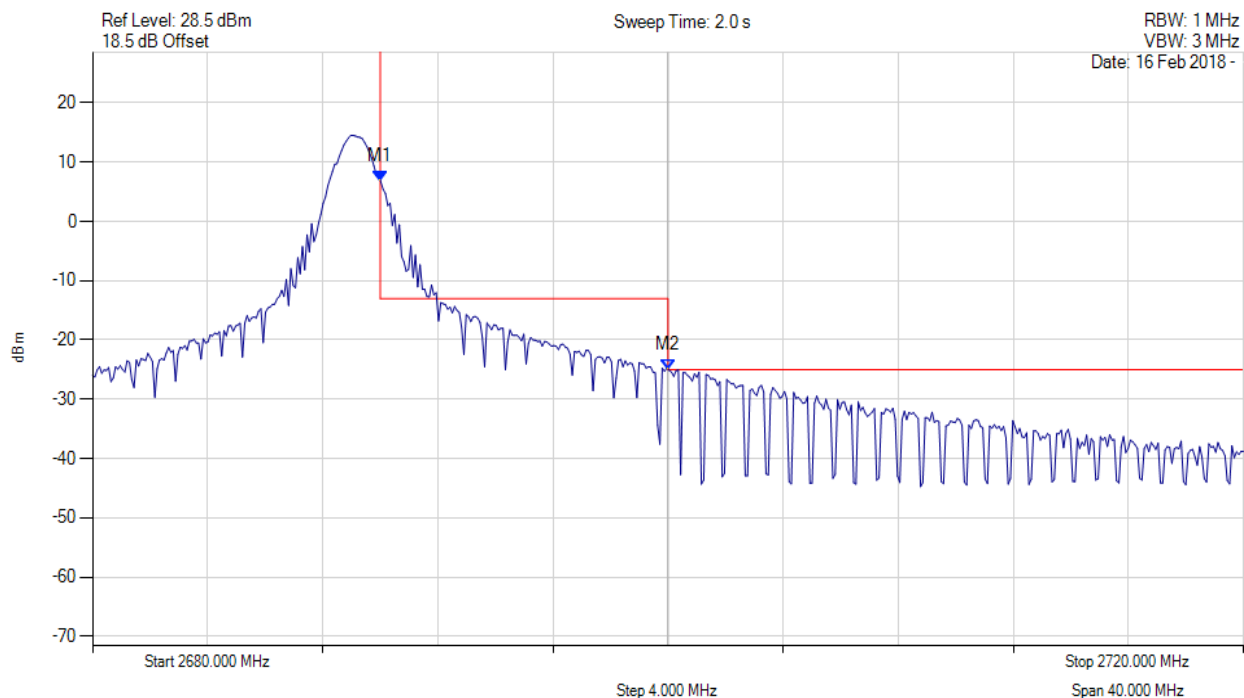

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2690.000 MHz : -51.502 dBm M2 : 2700.000 MHz : -61.045 dBm	Channel Frequency: 2685.00 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

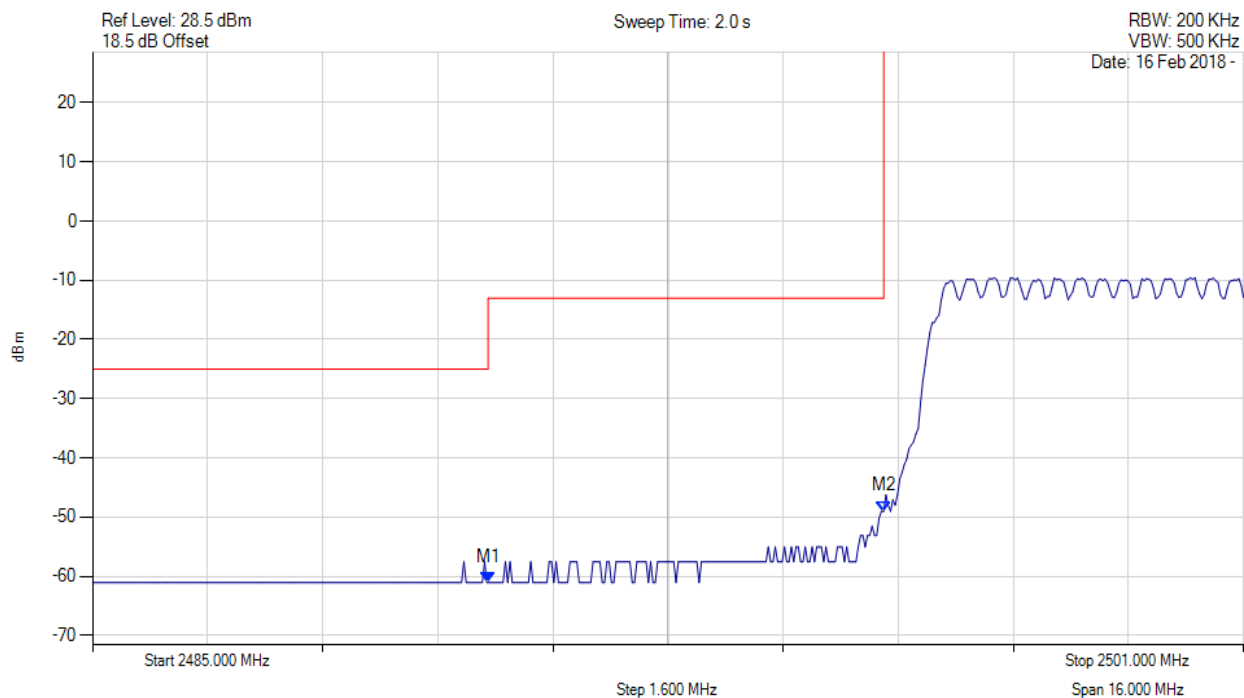Variant: QPSK, Channel: 2685.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2690.000 MHz : -0.635 dBm M2 : 2700.000 MHz : -33.283 dBm	Channel Frequency: 2685.00 MHz

back to matrix

 Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

Variant: QPSK, Channel: 2503.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc
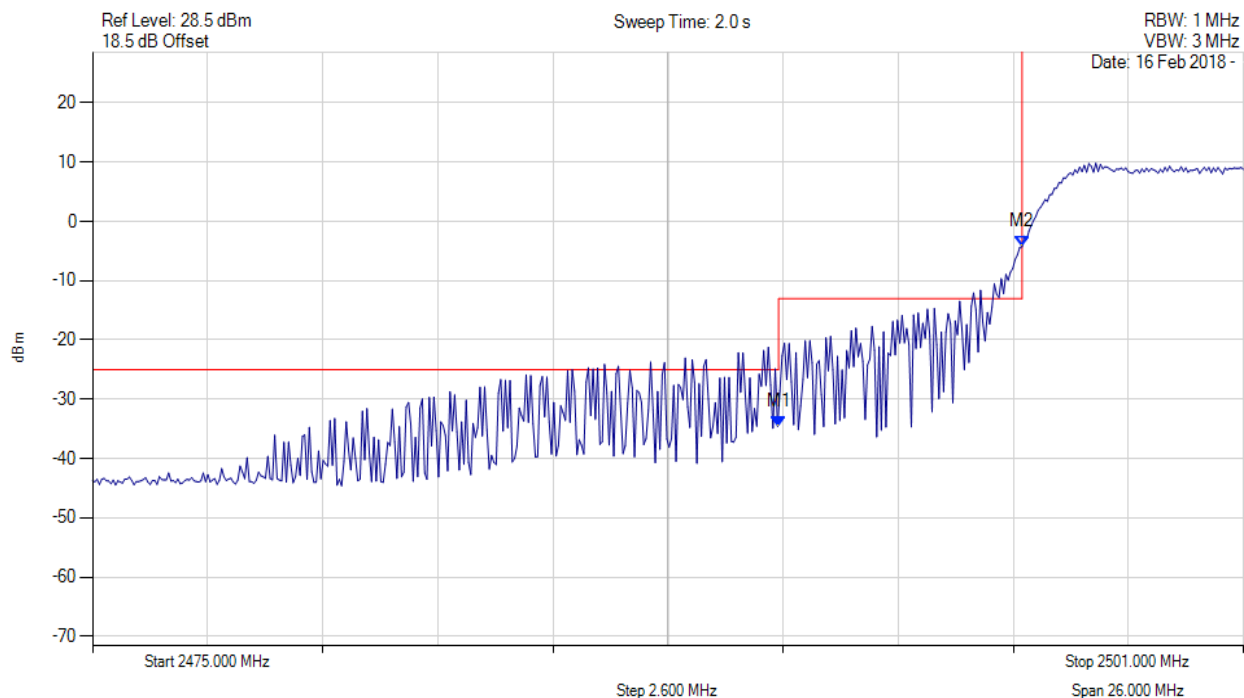

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2490.500 MHz : -61.045 dBm M2 : 2496.000 MHz : -41.045 dBm	Channel Frequency: 2503.50 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

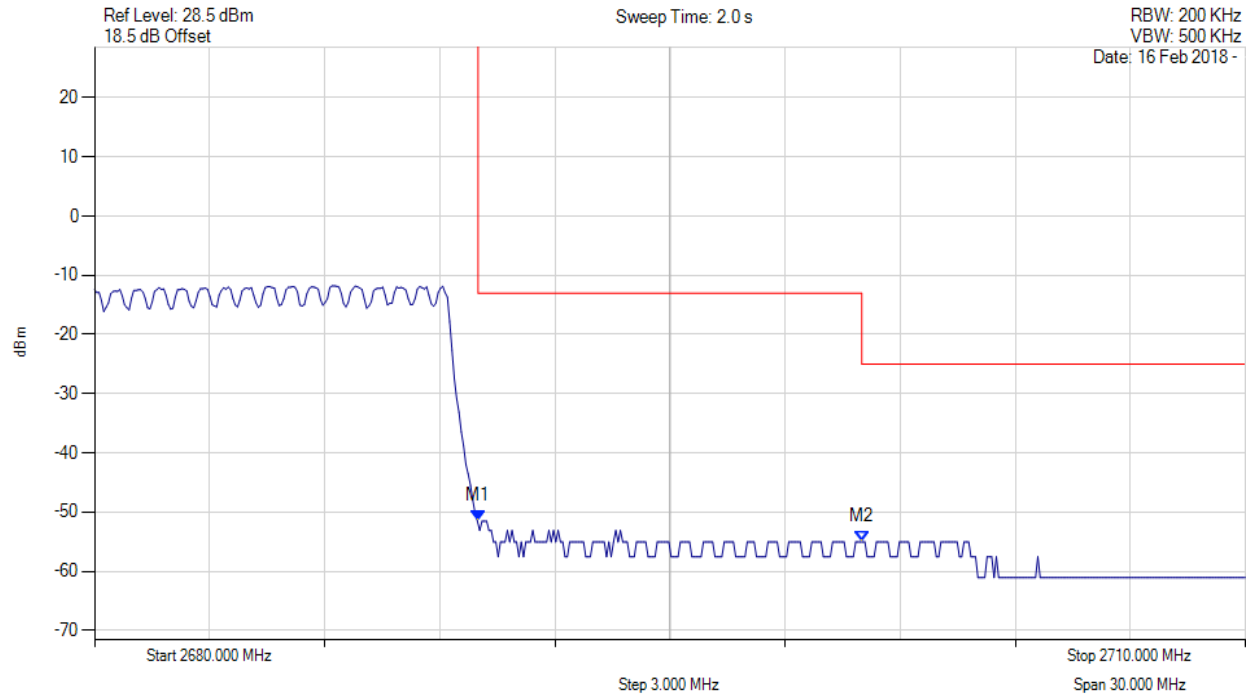Variant: QPSK, Channel: 2503.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2490.500 MHz : -23.259 dBm M2 : 2496.000 MHz : 9.674 dBm	Channel Frequency: 2503.50 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

Variant: QPSK, Channel: 2682.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc
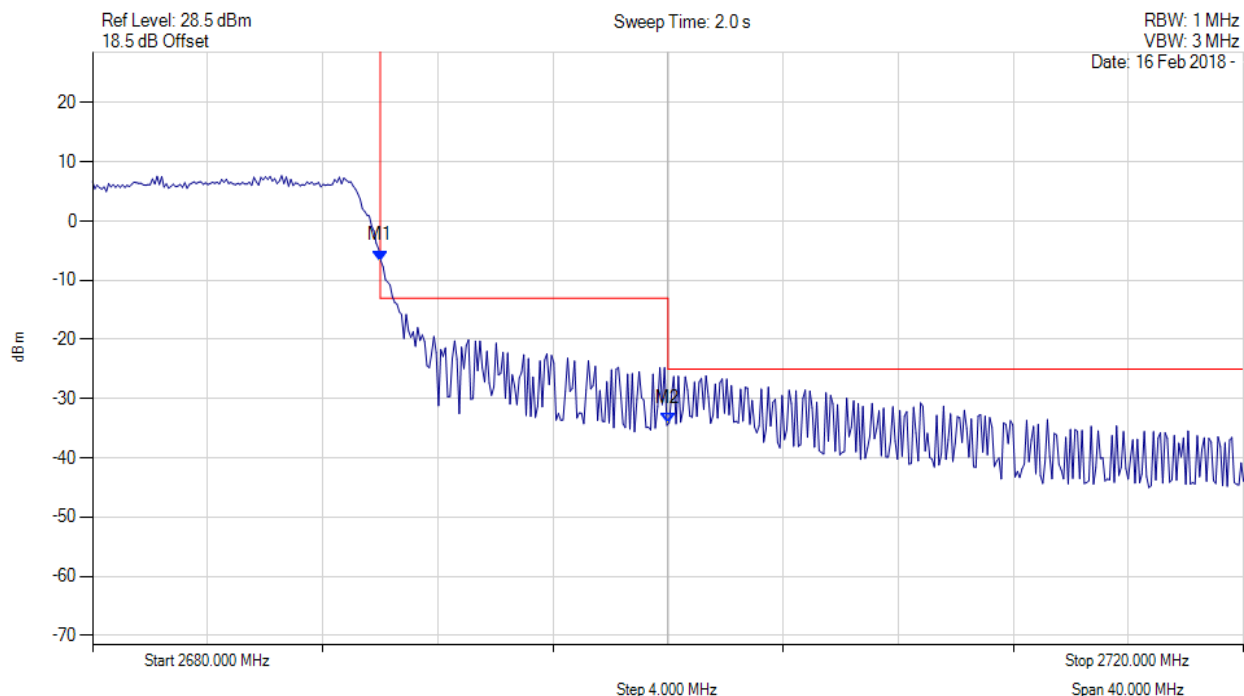

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2690.000 MHz : -41.960 dBm M3 : 2700.000 MHz : -61.045 dBm	Channel Frequency: 2682.50 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

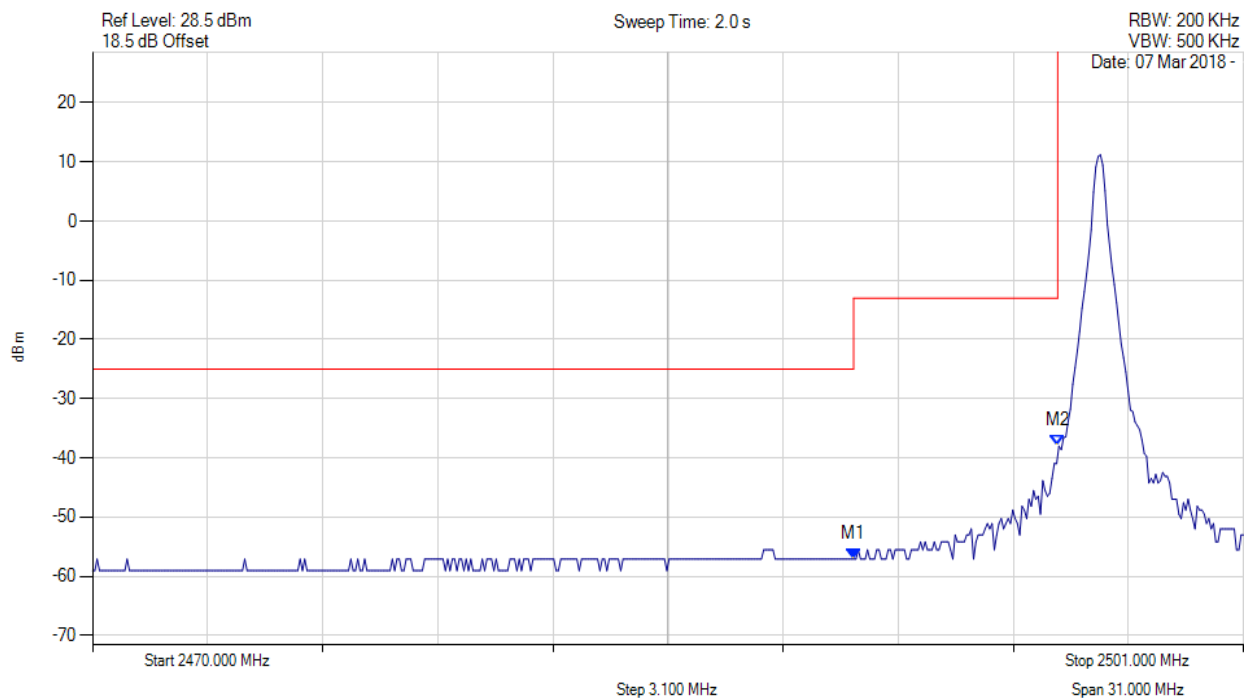Variant: QPSK, Channel: 2682.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2690.000 MHz : 6.656 dBm M2 : 2700.000 MHz : -25.114 dBm	Channel Frequency: 2682.50 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

Variant: QPSK, Channel: 2503.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc
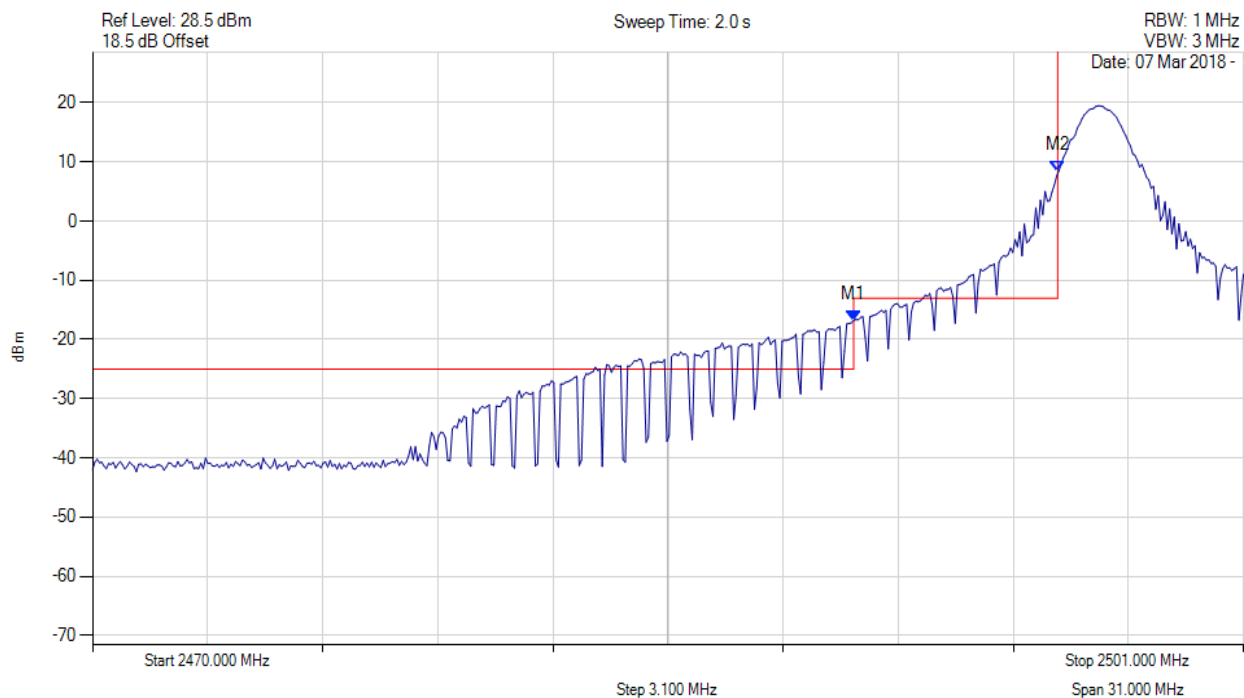

Ref Level: 28.5 dBm
18.5 dB Offset

Sweep Time: 2.0 s

RBW: 200 KHz
VBW: 500 KHz
Date: 16 Feb 2018 -

Start 2485.000 MHz

Step 1.600 MHz

Stop 2501.000 MHz
Span 16.000 MHz

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2490.500 MHz : -61.045 dBm M2 : 2496.000 MHz : -49.004 dBm	Channel Frequency: 2503.50 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

Variant: QPSK, Channel: 2503.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

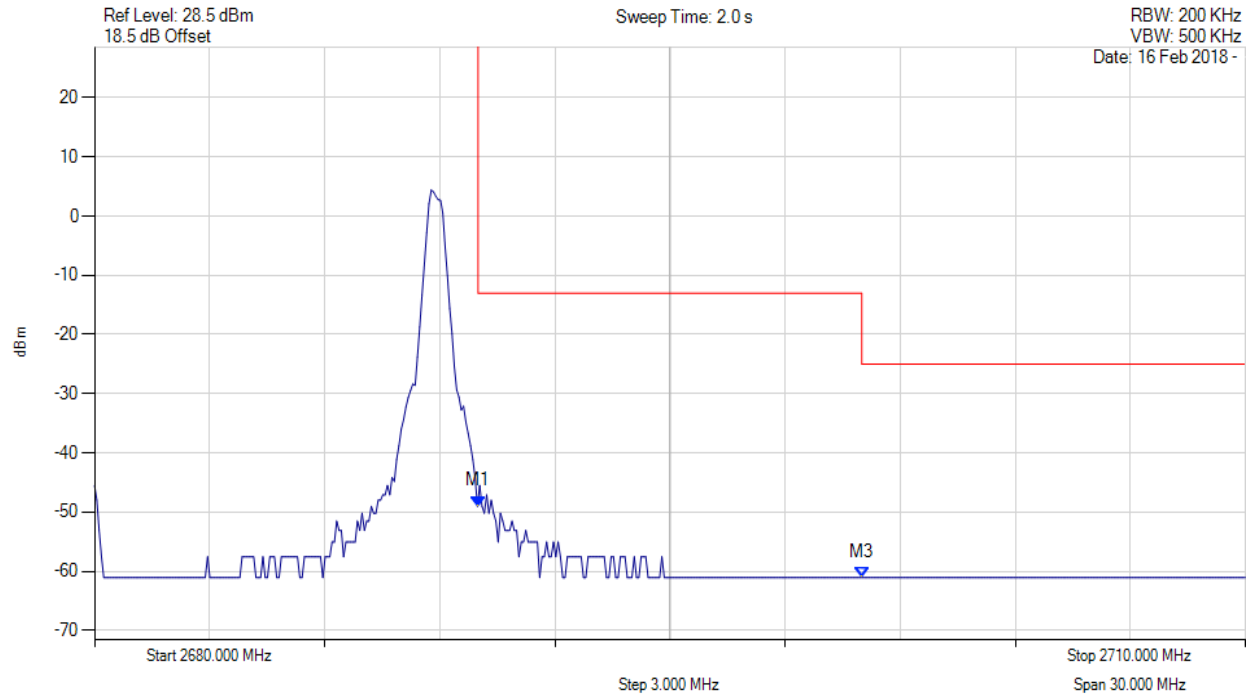| Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2490.500 MHz : -34.552 dBm M2 : 2496.000 MHz : -4.278 dBm	Channel Frequency: 2503.50 MHz

back to matrix

 Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

Variant: QPSK, Channel: 2682.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc
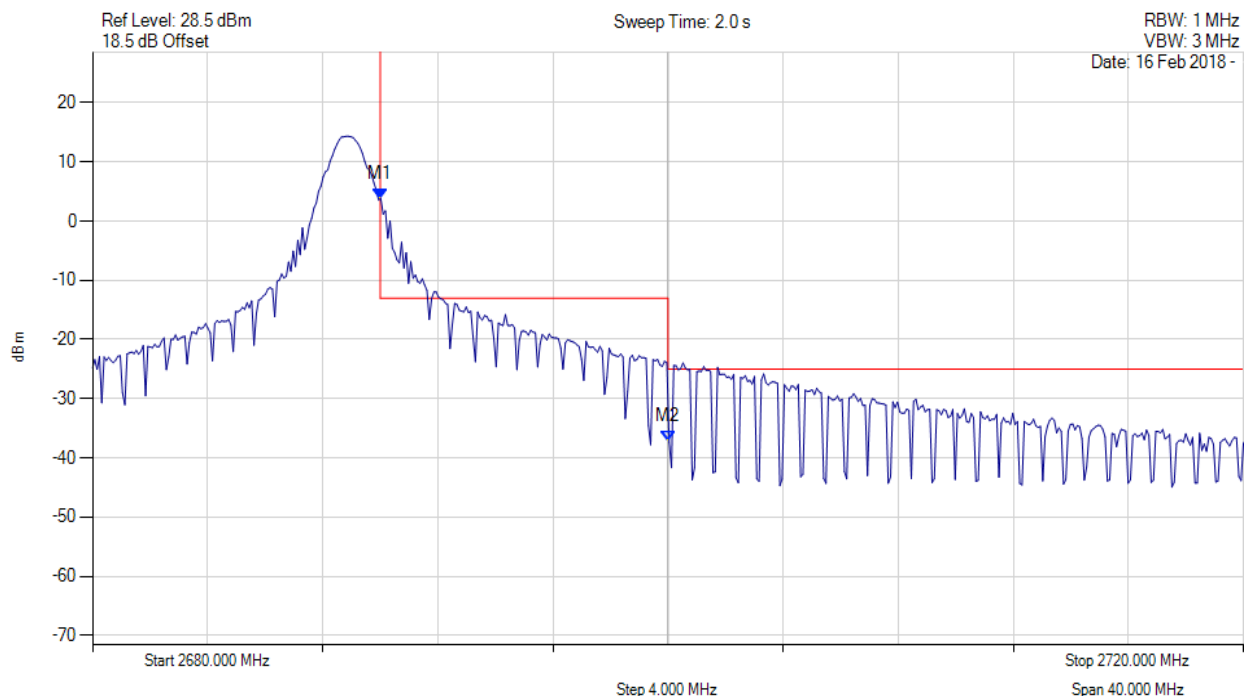

Ref Level: 28.5 dBm
18.5 dB Offset

Sweep Time: 2.0 s

RBW: 200 KHz
VBW: 500 KHz
Date: 16 Feb 2018 -

Start 2680.000 MHz
Stop 2710.000 MHz
Step 3.000 MHz
Span 30.000 MHz

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2690.000 MHz : -51.502 dBm M2 : 2700.000 MHz : -55.024 dBm	Channel Frequency: 2682.50 MHz

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Conducted Band-Edge Emissions_Peak

MiTest
regulatory compliance in the cloud

Variant: QPSK, Channel: 2682.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2690.000 MHz : -6.696 dBm M2 : 2700.000 MHz : -34.113 dBm	Channel Frequency: 2682.50 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

Variant: QPSK, Channel: 2506.00 MHz, Chain a, Temp: 25, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2490.500 MHz : -57.086 dBm M2 : 2496.000 MHz : -38.001 dBm	Channel Frequency: 2506.00 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

Variant: QPSK, Channel: 2506.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Ref Level: 28.5 dBm
18.5 dB Offset
Sweep Time: 2.0 s
RBW: 1 MHz
VBW: 3 MHz
Date: 07 Mar 2018 -

Start 2470.000 MHz
Stop 2501.000 MHz
Step 3.100 MHz
Span 31.000 MHz

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2490.500 MHz : -16.744 dBm M2 : 2496.000 MHz : 8.494 dBm	Channel Frequency: 2506.00 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

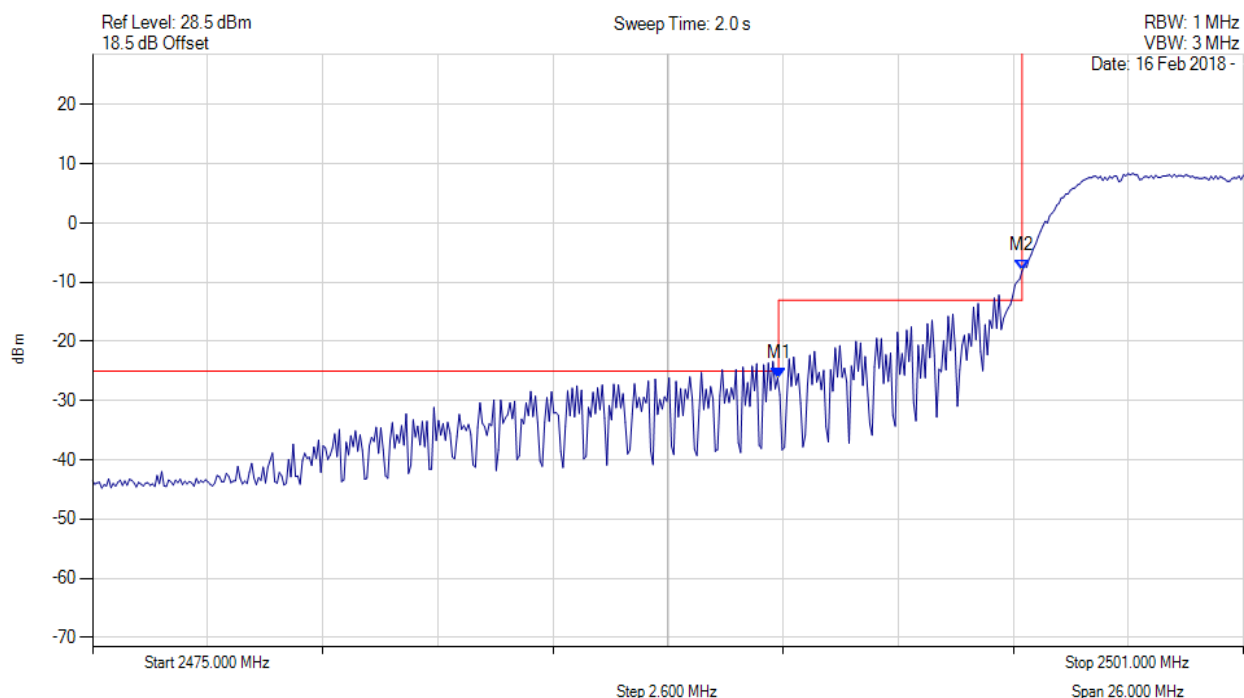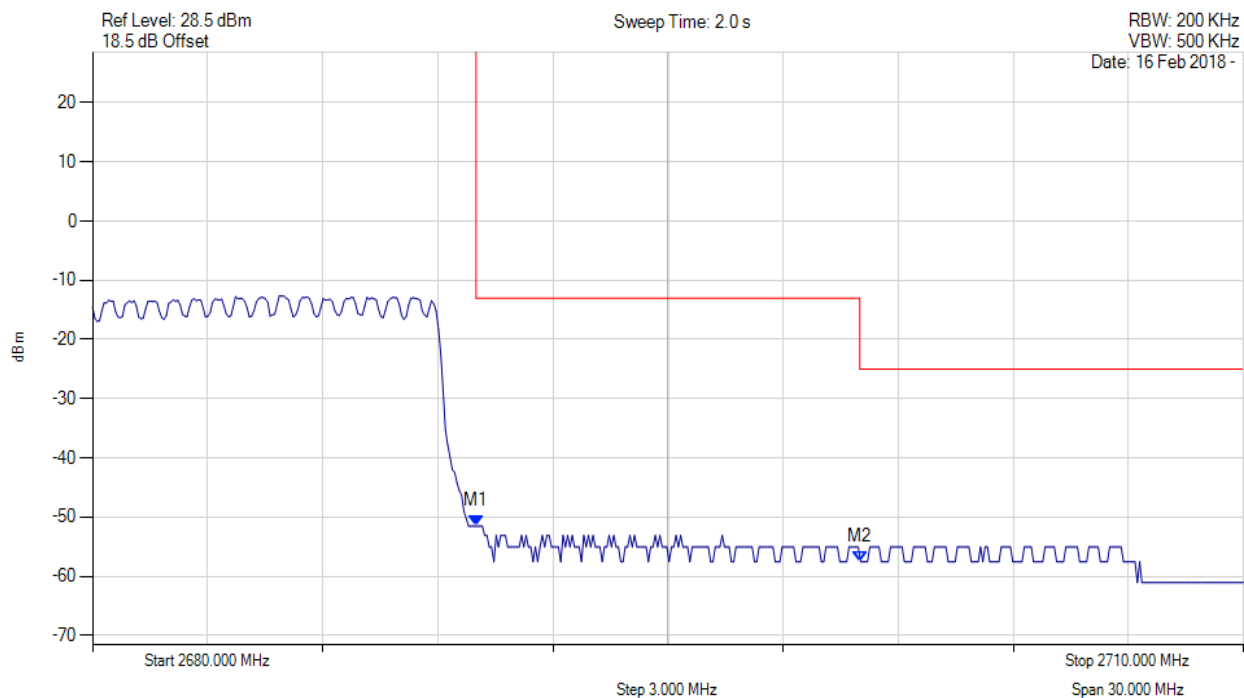Variant: QPSK, Channel: 2680.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2690.000 MHz : -49.004 dBm M3 : 2700.000 MHz : -61.045 dBm	Channel Frequency: 2680.00 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

Variant: QPSK, Channel: 2680.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2690.000 MHz : 3.745 dBm M2 : 2700.000 MHz : -37.296 dBm	Channel Frequency: 2680.00 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

Variant: QPSK, Channel: 2506.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc
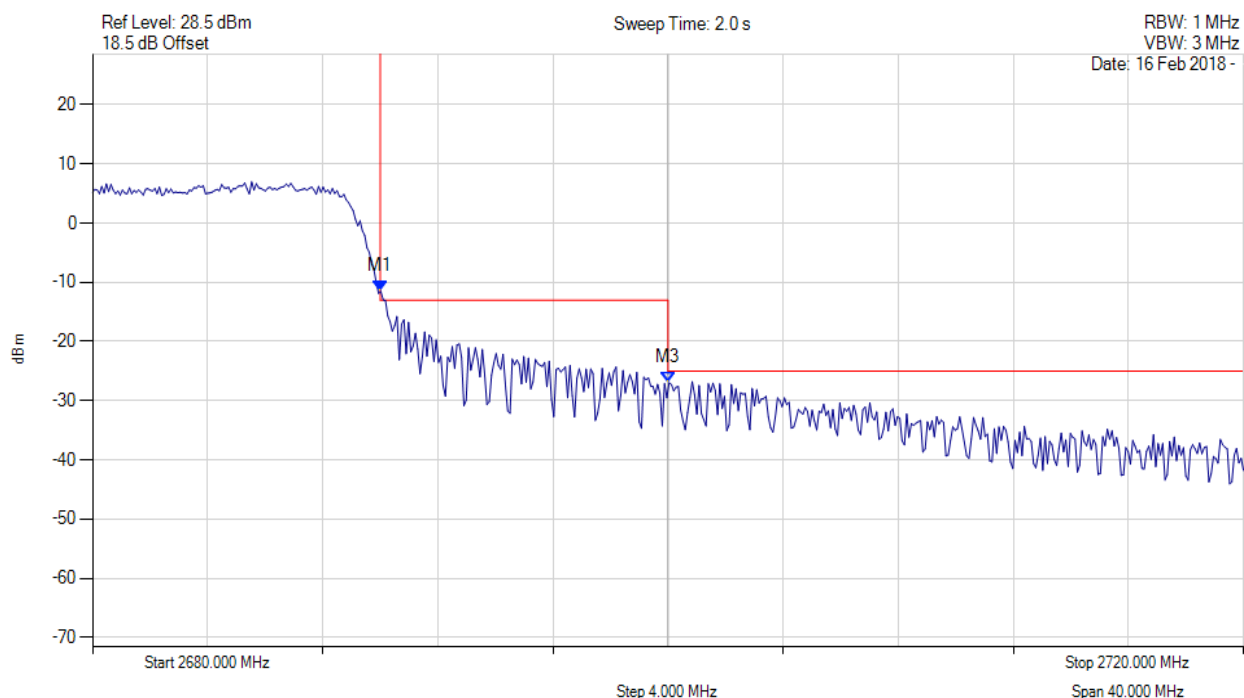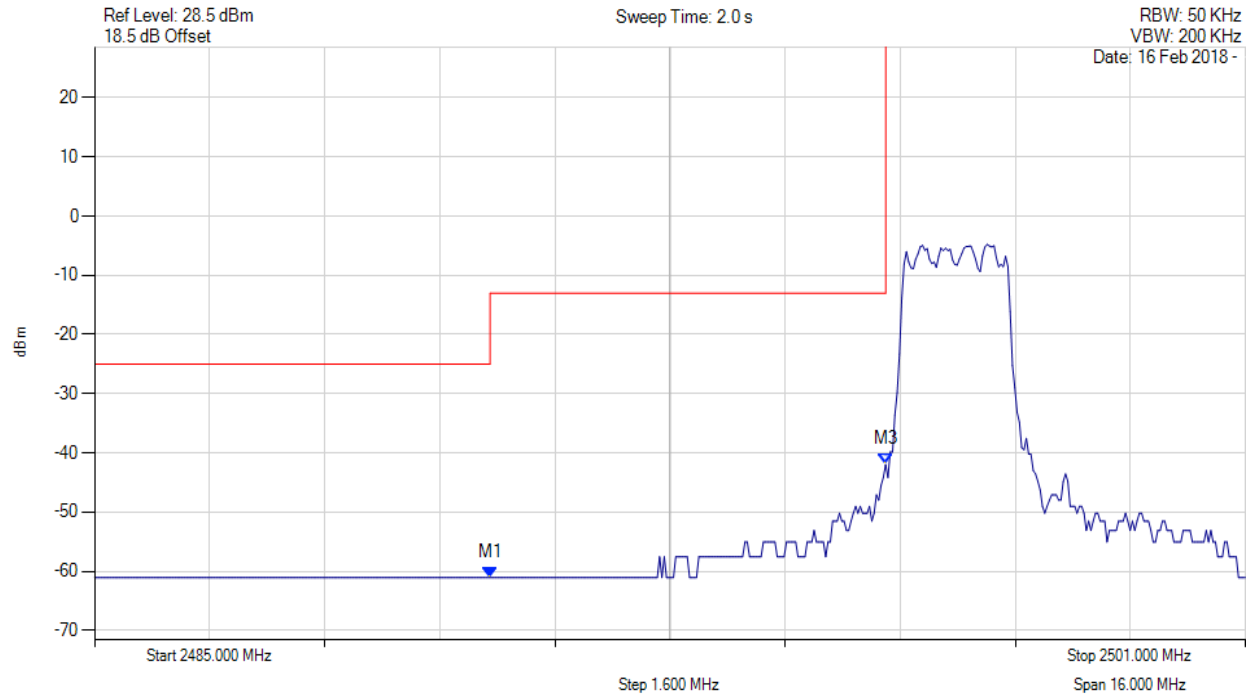

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2490.500 MHz : -61.045 dBm M2 : 2496.000 MHz : -53.086 dBm	Channel Frequency: 2506.00 MHz

Conducted Band-Edge Emissions_Peak

Variant: QPSK, Channel: 2506.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Ref Level: 28.5 dBm
18.5 dB Offset

Sweep Time: 2.0 s

RBW: 1 MHz
VBW: 3 MHz
Date: 16 Feb 2018 -

Start 2475.000 MHz
Step 2.600 MHz
Stop 2501.000 MHz
Span 26.000 MHz

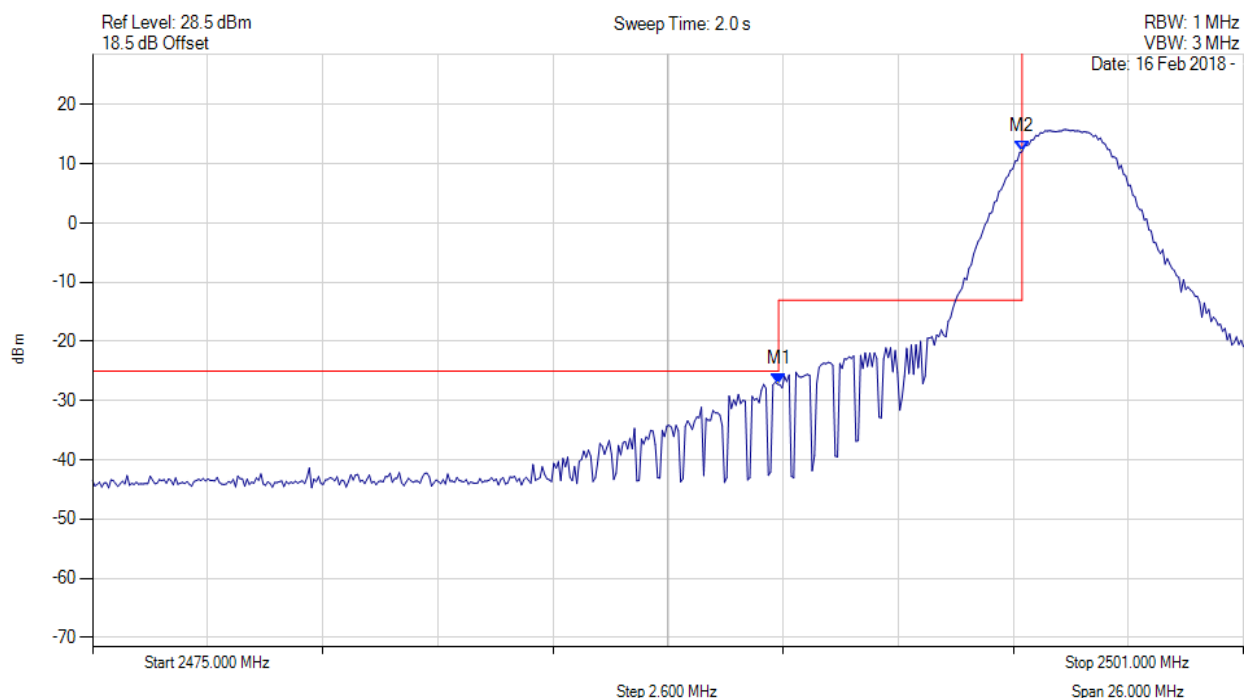| Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2490.500 MHz : -26.130 dBm M2 : 2496.000 MHz : -8.075 dBm	Channel Frequency: 2506.00 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

Variant: QPSK, Channel: 2680.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2690.000 MHz : -51.502 dBm M2 : 2700.000 MHz : -57.523 dBm	Channel Frequency: 2680.00 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

Variant: QPSK, Channel: 2680.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

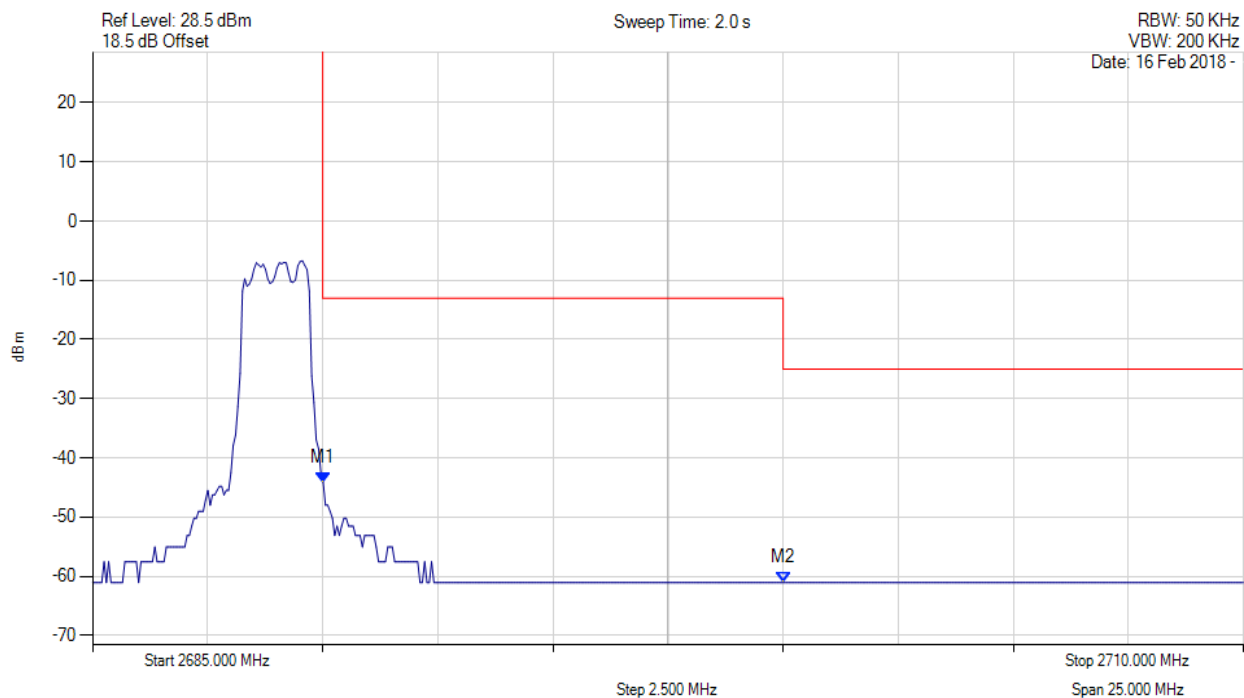| Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2690.000 MHz : -11.532 dBm M3 : 2700.000 MHz : -26.968 dBm	Channel Frequency: 2680.00 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

9.7.5.2 16QAM:

Conducted Band-Edge Emissions_Average

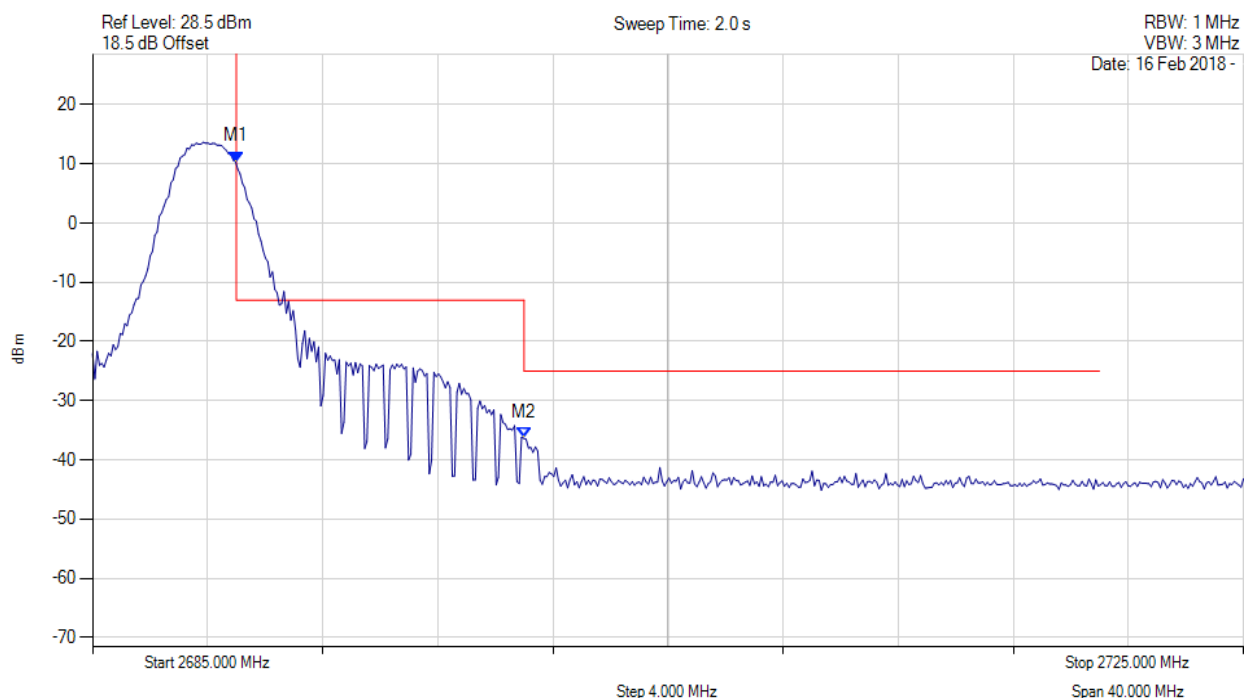Variant: 16QAM, Channel: 2498.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2490.500 MHz : -61.045 dBm M3 : 2496.000 MHz : -41.960 dBm	Channel Frequency: 2498.50 MHz

back to matrix

Conducted Band-Edge Emissions Peak

Variant: 16QAM, Channel: 2498.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Ref Level: 28.5 dBm / 18.5 dB Offset — Sweep Time: 2.0 s — RBW: 1 MHz / VBW: 3 MHz / Date: 16 Feb 2018 -

Start 2475.000 MHz — Step 2.600 MHz — Stop 2501.000 MHz — Span 26.000 MHz
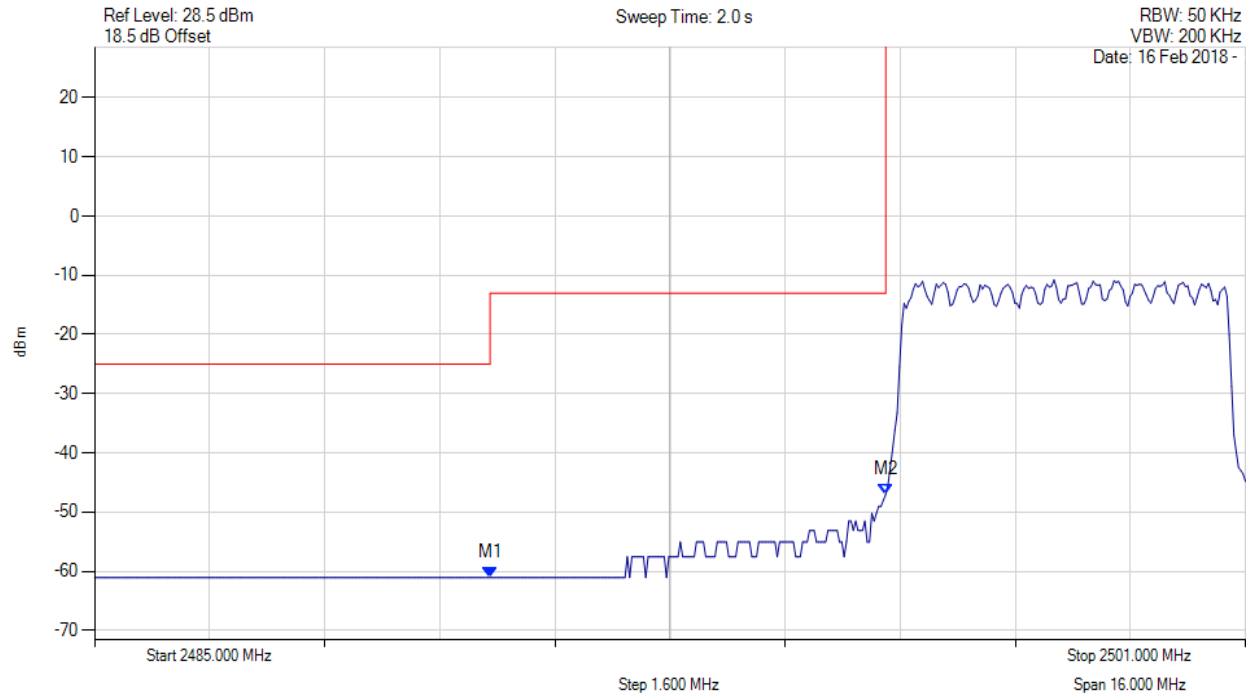
Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2490.500 MHz : -27.208 dBm M2 : 2496.000 MHz : 12.059 dBm	Channel Frequency: 2498.50 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

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Conducted Band-Edge Emissions_Average

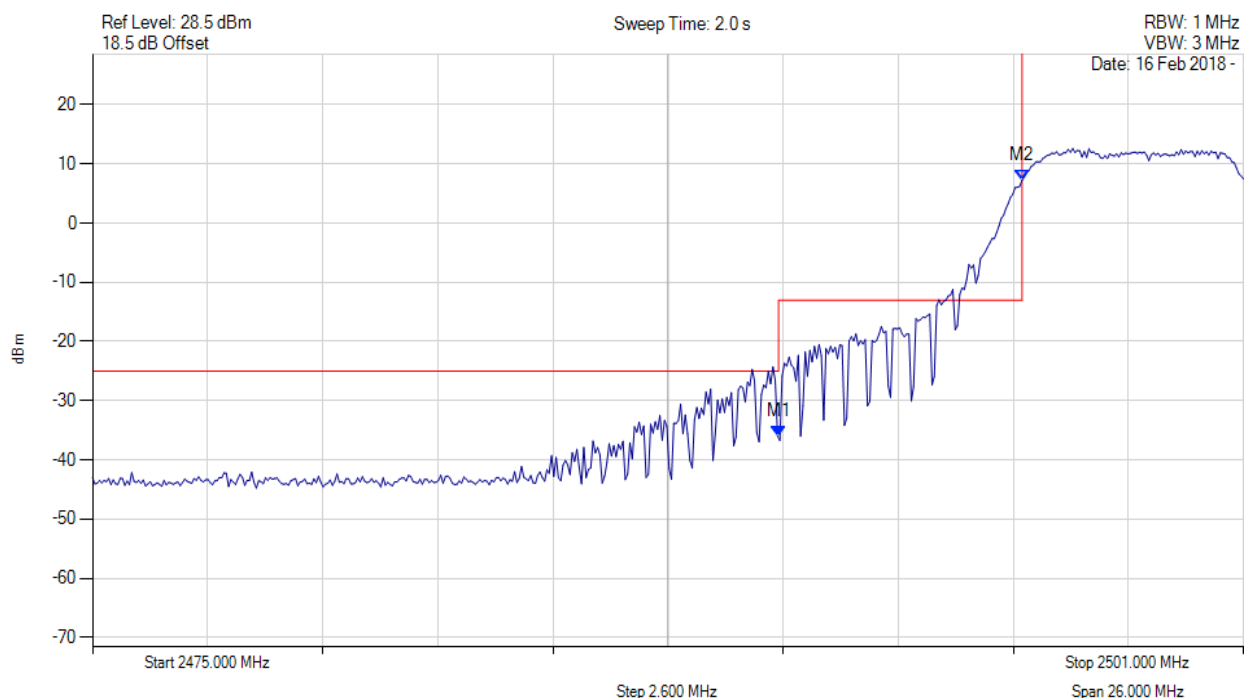Variant: 16QAM, Channel: 2687.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2690.000 MHz : -44.143 dBm M2 : 2700.000 MHz : -61.045 dBm	Channel Frequency: 2687.50 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

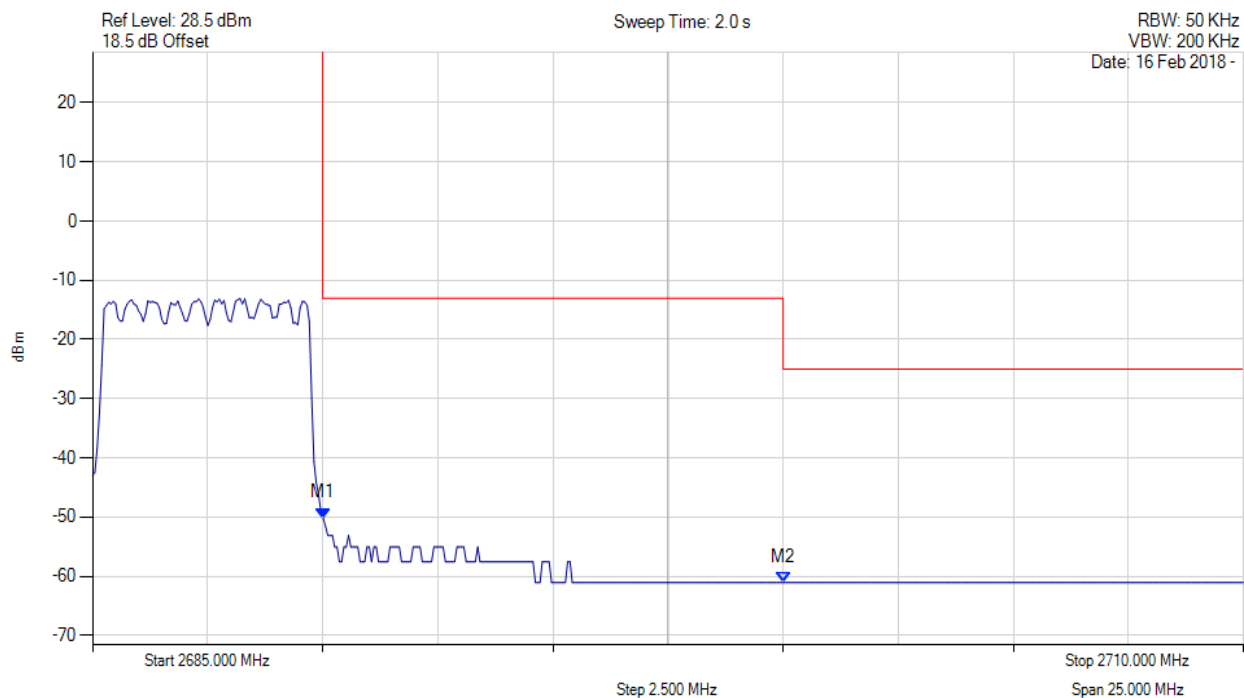Variant: 16QAM, Channel: 2687.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2690.000 MHz : 10.367 dBm M2 : 2700.000 MHz : -36.342 dBm	Channel Frequency: 2687.50 MHz

back to matrix

 Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

Variant: QPSK, Channel: 2498.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc
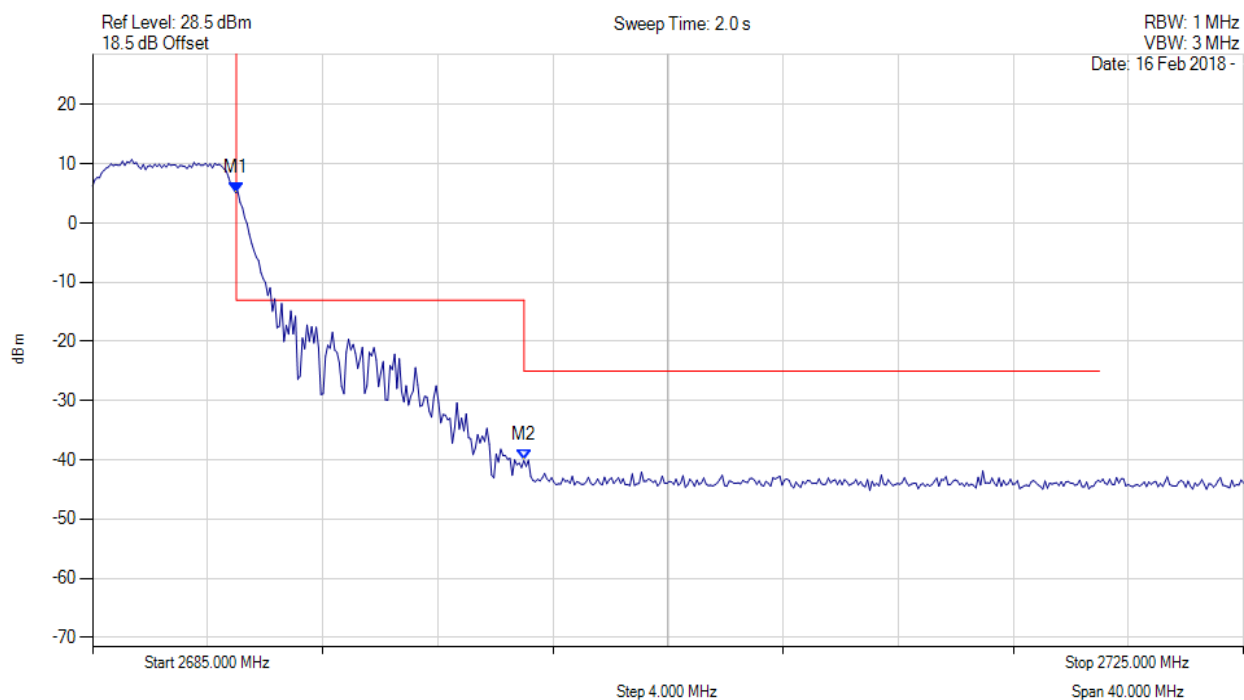

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2490.500 MHz : -61.045 dBm M2 : 2496.000 MHz : -47.065 dBm	Channel Frequency: 2498.50 MHz

back to matrix

Conducted Band-Edge Emissions Peak

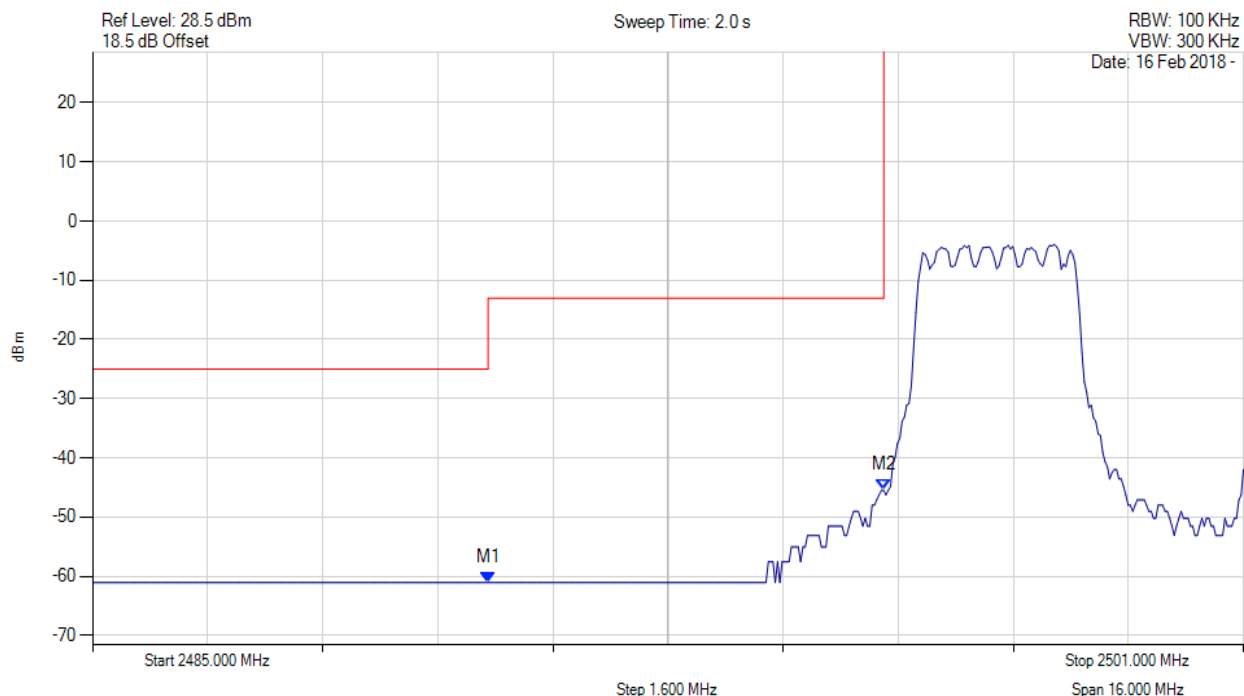Variant: 16QAM, Channel: 2498.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2490.500 MHz : -35.962 dBm M2 : 2496.000 MHz : 7.247 dBm	Channel Frequency: 2498.50 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

Variant: 16QAM, Channel: 2687.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc
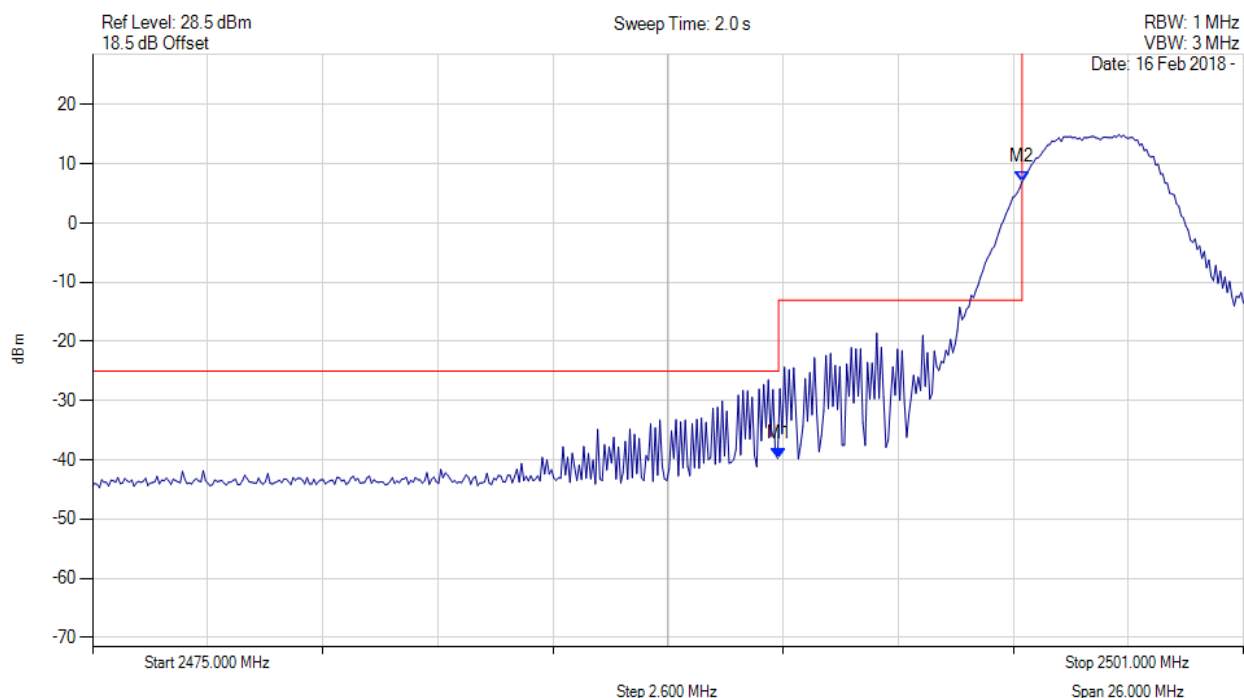

Ref Level: 28.5 dBm	Sweep Time: 2.0 s	RBW: 50 KHz
18.5 dB Offset		VBW: 200 KHz
		Date: 16 Feb 2018 -

Start 2685.000 MHz   Step 2.500 MHz   Stop 2710.000 MHz   Span 25.000 MHz

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2690.000 MHz : -50.163 dBm M2 : 2700.000 MHz : -61.045 dBm	Channel Frequency: 2687.50 MHz

Conducted Band-Edge Emissions_Peak

Variant: 16QAM, Channel: 2687.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

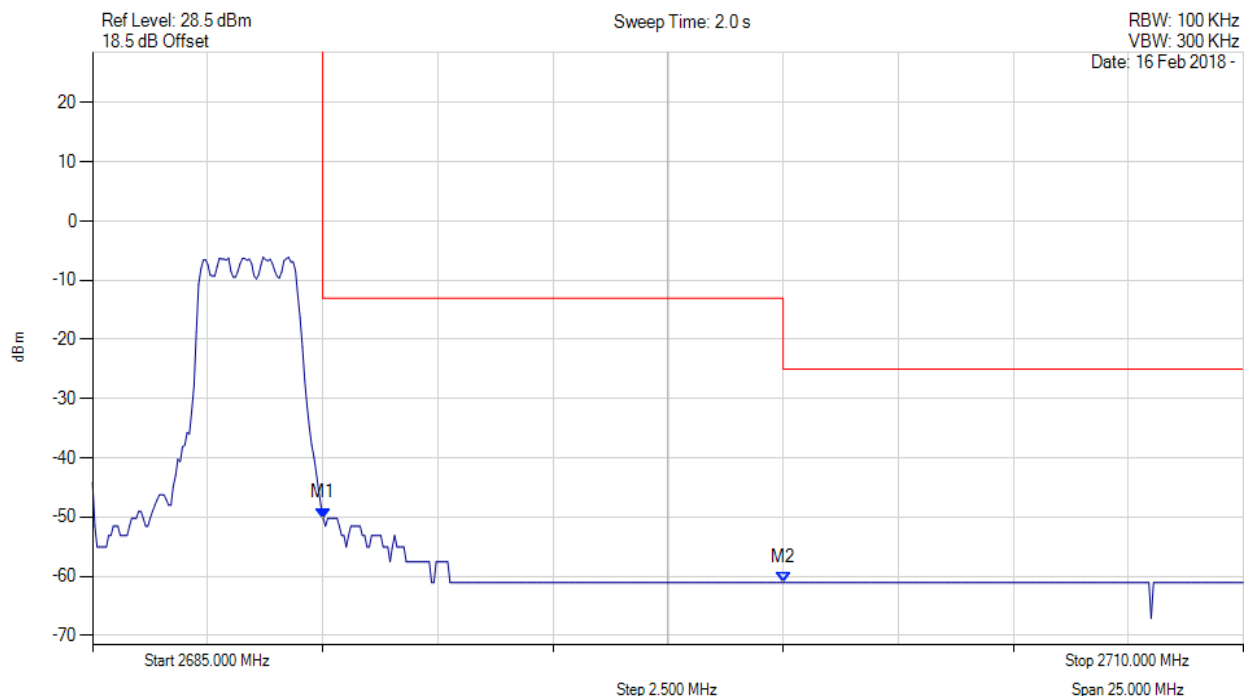| Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2690.000 MHz : 5.132 dBm M2 : 2700.000 MHz : -40.080 dBm	Channel Frequency: 2687.50 MHz

back to matrix

 Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

Variant: 16QAM, Channel: 2498.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc
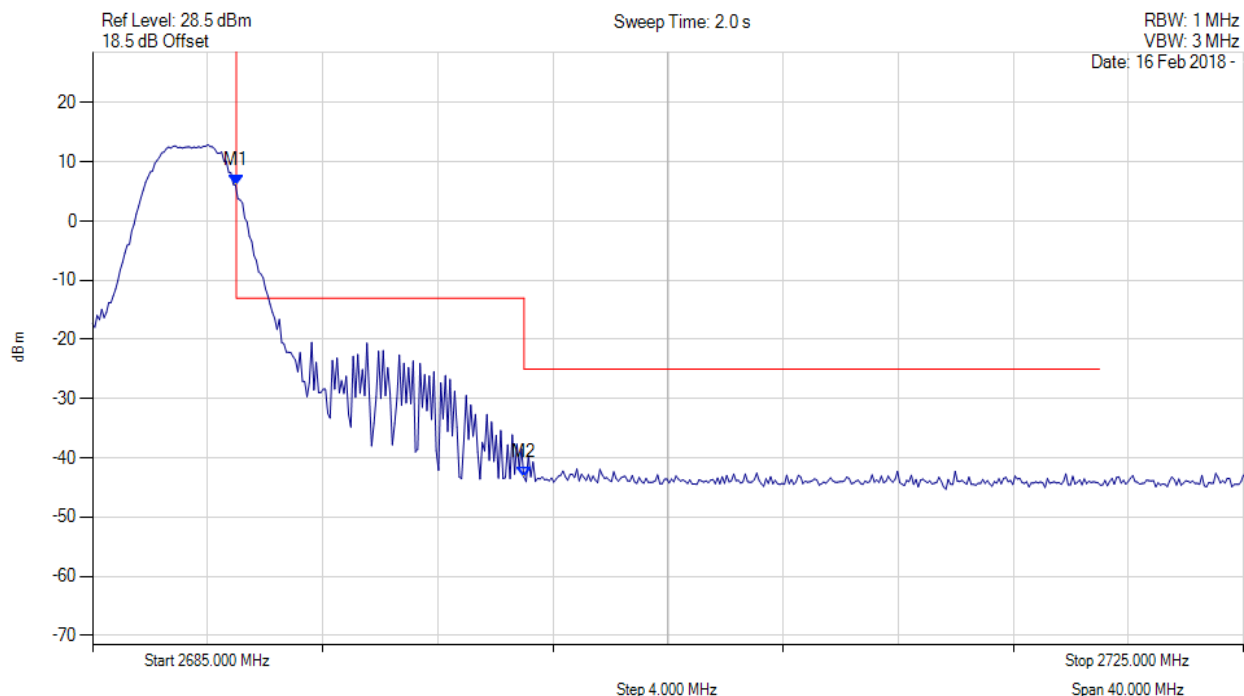

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2490.500 MHz : -61.045 dBm M2 : 2496.000 MHz : -45.482 dBm	Channel Frequency: 2498.50 MHz

back to matrix

Conducted Band-Edge Emissions_Average

Variant: 16QAM, Channel: 2685.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2690.000 MHz : -50.163 dBm M2 : 2700.000 MHz : -61.045 dBm	Channel Frequency: 2685.00 MHz

Conducted Band-Edge Emissions_Peak

Variant: 16QAM, Channel: 2685.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

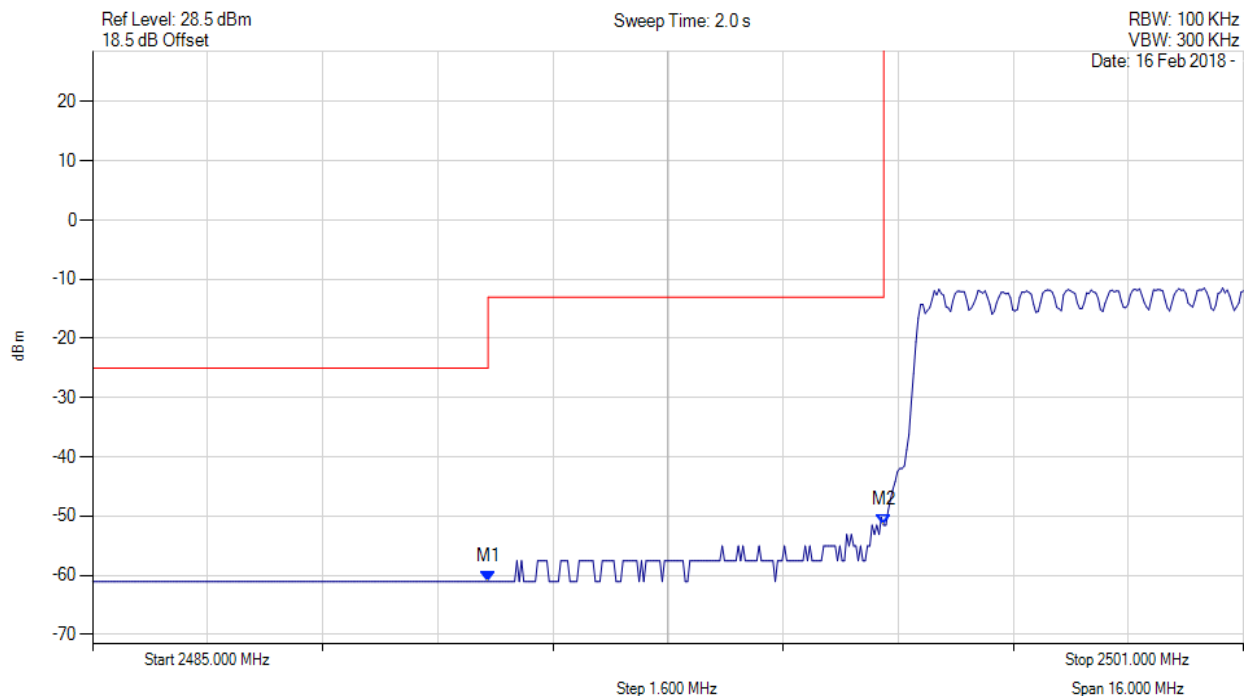| Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2690.000 MHz : 6.049 dBm M2 : 2700.000 MHz : -43.194 dBm	Channel Frequency: 2685.00 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

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Conducted Band-Edge Emissions_Average

Variant: 16QAM, Channel: 2498.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Ref Level: 28.5 dBm
18.5 dB Offset

Sweep Time: 2.0 s

RBW: 100 KHz
VBW: 300 KHz
Date: 16 Feb 2018 -

Start 2485.000 MHz
Step 1.600 MHz
Stop 2501.000 MHz
Span 16.000 MHz

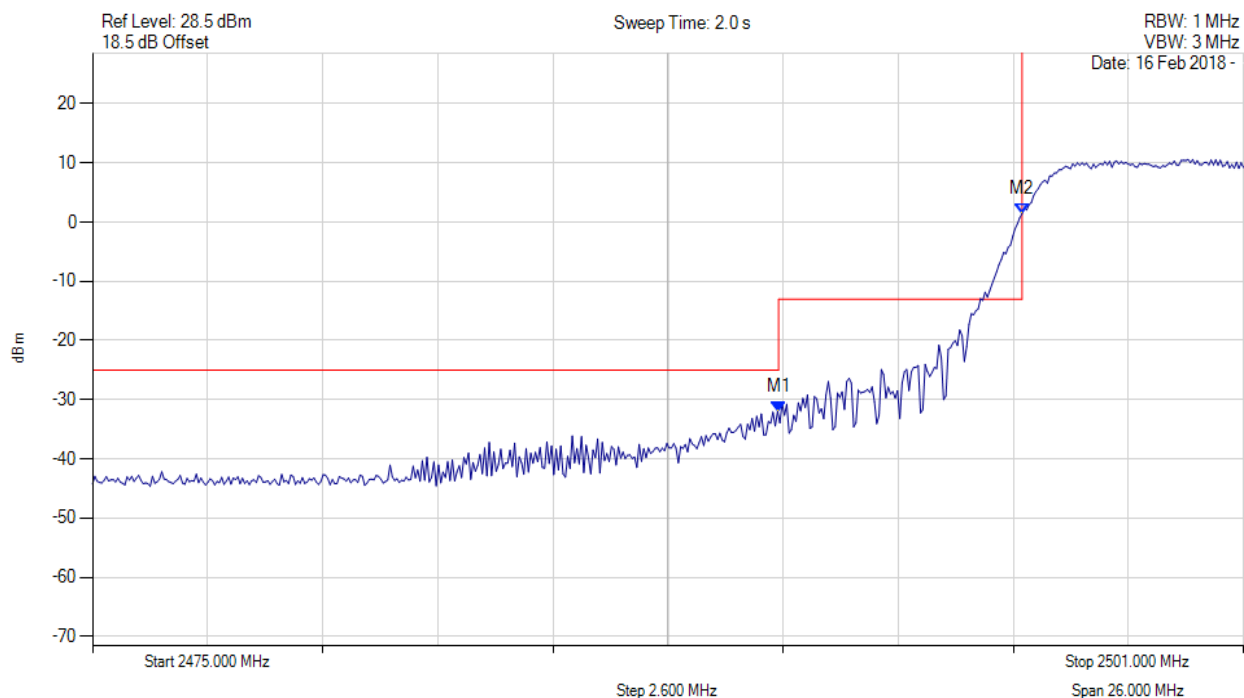| Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2490.500 MHz : -61.045 dBm M2 : 2496.000 MHz : -51.502 dBm	Channel Frequency: 2498.50 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

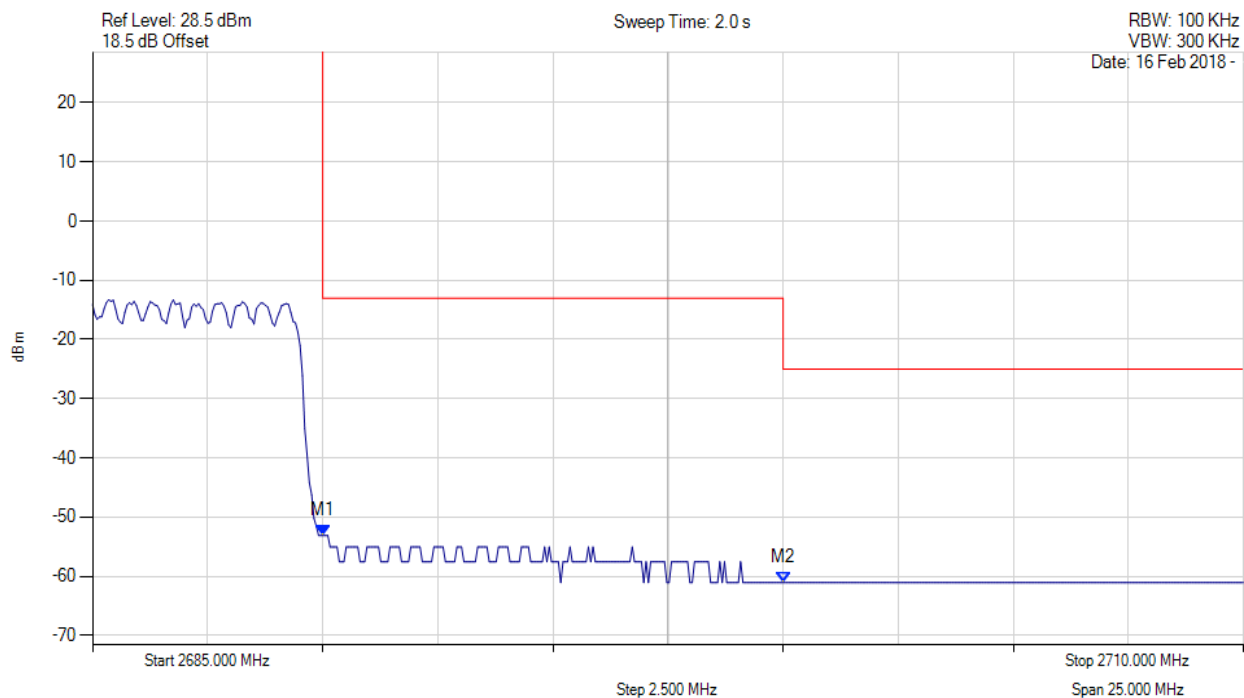Variant: 16QAM, Channel: 2498.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2490.500 MHz : -31.969 dBm M2 : 2496.000 MHz : 1.423 dBm	Channel Frequency: 2498.50 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

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Conducted Band-Edge Emissions_Average

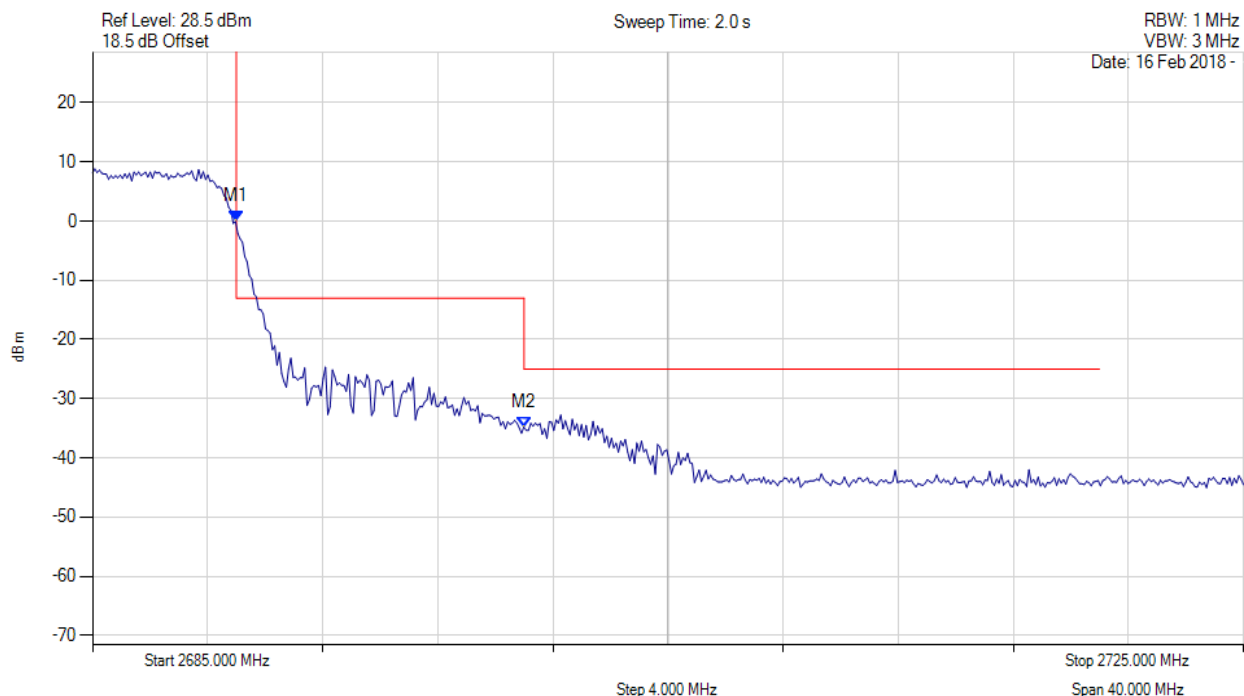Variant: 16QAM, Channel: 2685.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

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Ref Level: 28.5 dBm
18.5 dB Offset

Sweep Time: 2.0 s

RBW: 100 KHz
VBW: 300 KHz
Date: 16 Feb 2018 -

Start 2685.000 MHz
Step 2.500 MHz
Stop 2710.000 MHz
Span 25.000 MHz

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2690.000 MHz : -53.086 dBm M2 : 2700.000 MHz : -61.045 dBm	Channel Frequency: 2685.00 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

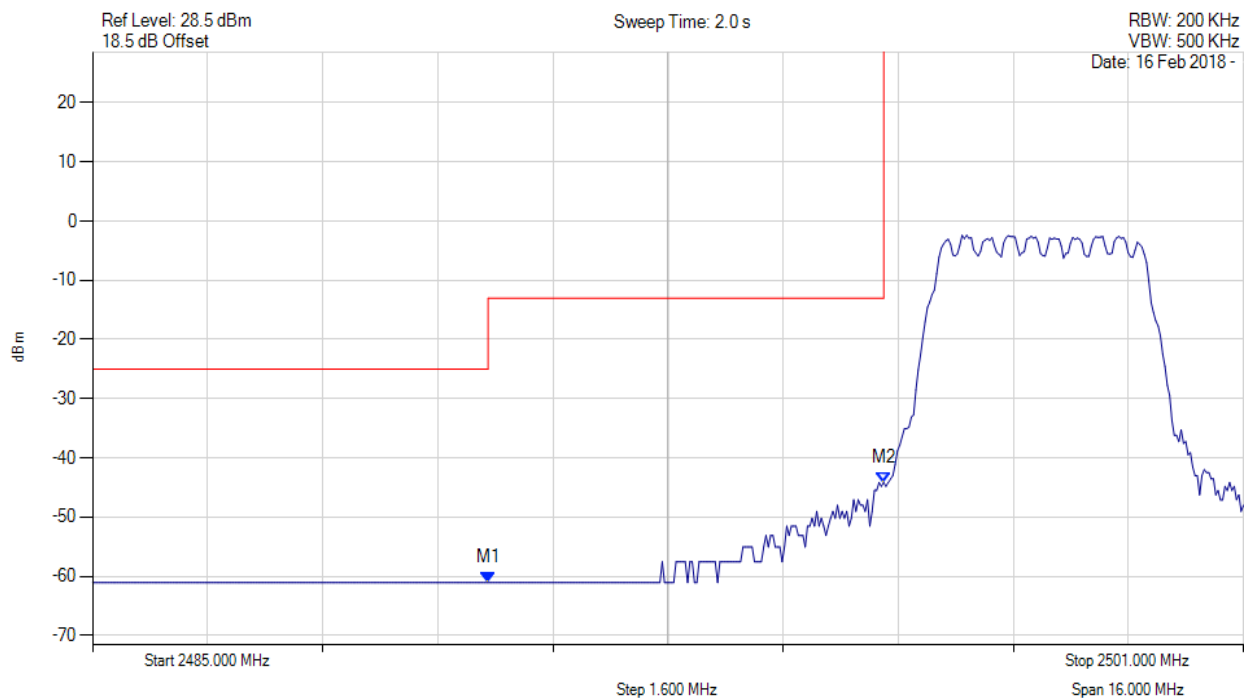Variant: 16QAM, Channel: 2685.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2690.000 MHz : -0.107 dBm M2 : 2700.000 MHz : -34.770 dBm	Channel Frequency: 2685.00 MHz

back to matrix

 Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

Variant: 16QAM, Channel: 2503.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc
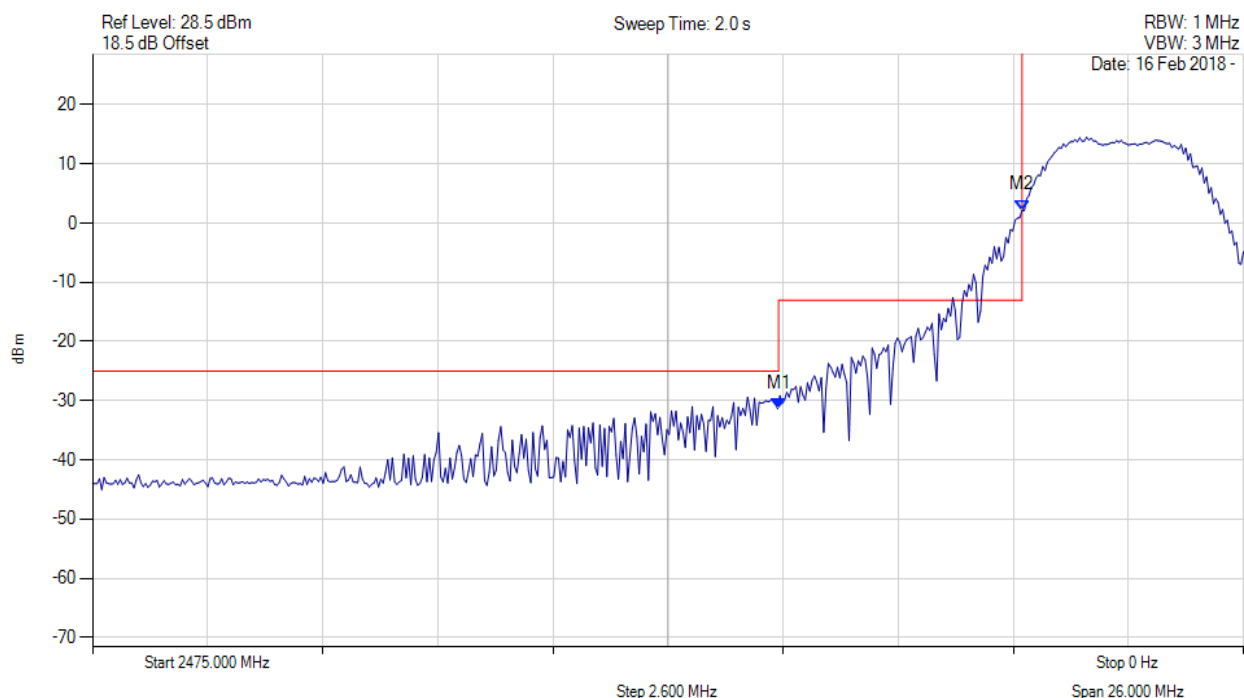

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2490.500 MHz : -61.045 dBm M2 : 2496.000 MHz : -44.143 dBm	Channel Frequency: 2503.50 MHz

back to matrix

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Conducted Band-Edge Emissions_Peak

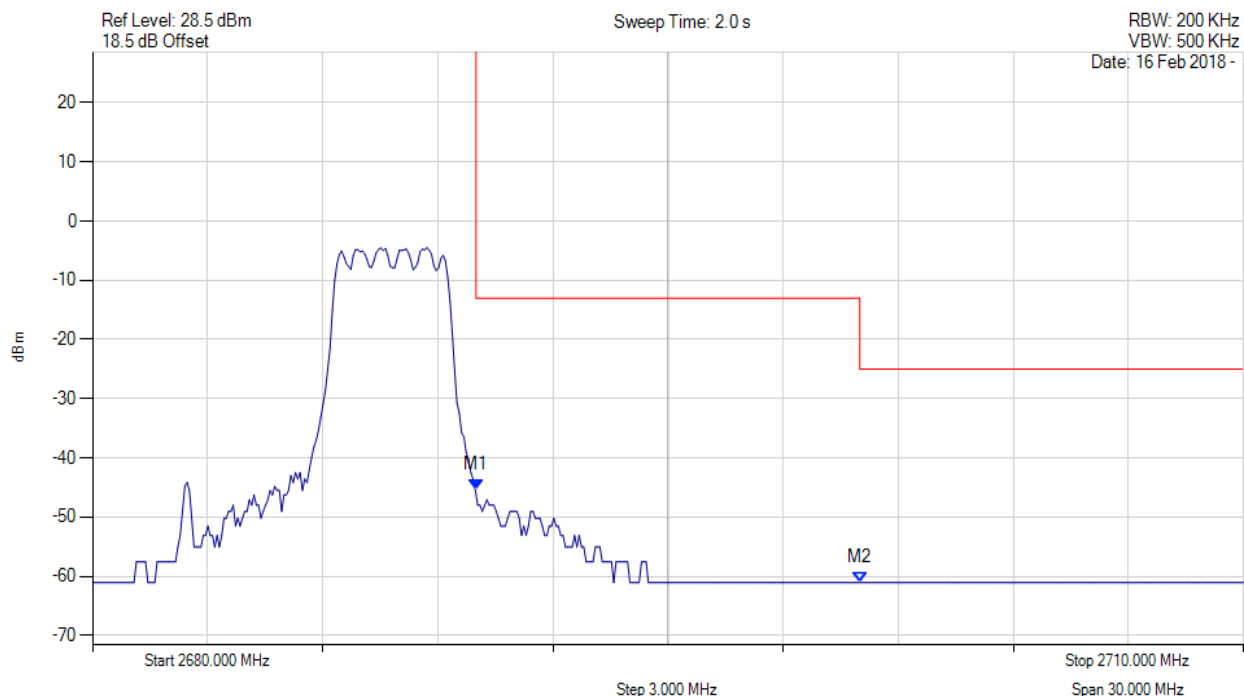Variant: 16QAM, Channel: 2503.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2490.500 MHz : -31.353 dBm M2 : 2496.000 MHz : 2.175 dBm	Channel Frequency: 2503.50 MHz

back to matrix

 Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

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Conducted Band-Edge Emissions_Average

Variant: 16QAM, Channel: 2682.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

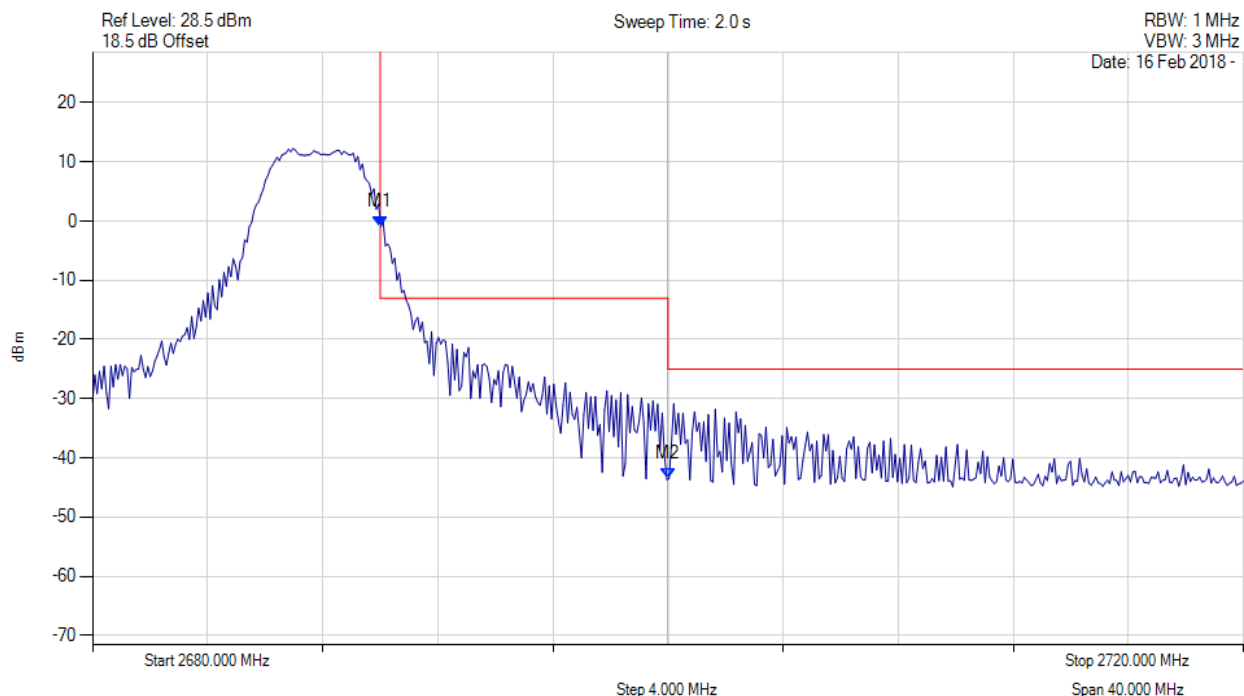| Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2690.000 MHz : -45.482 dBm M2 : 2700.000 MHz : -61.045 dBm	Channel Frequency: 2682.50 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

Variant: 16QAM, Channel: 2682.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

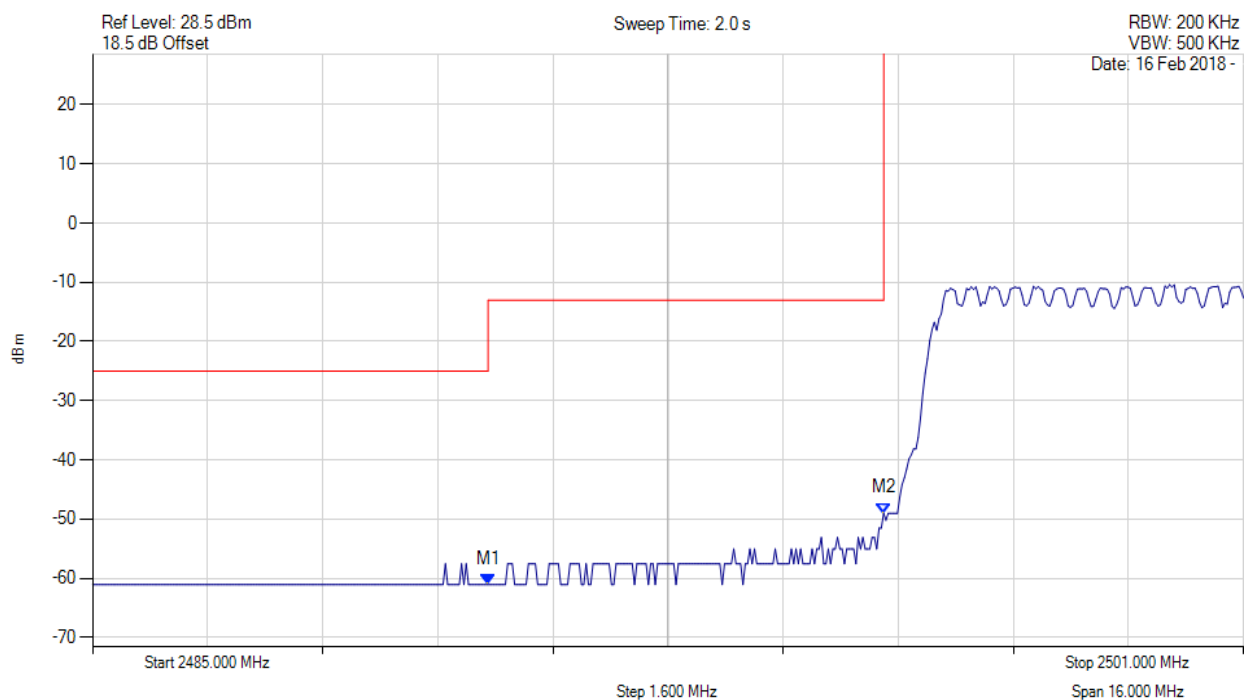| Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2690.000 MHz : -0.922 dBm M2 : 2700.000 MHz : -43.423 dBm	Channel Frequency: 2682.50 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

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Conducted Band-Edge Emissions_Average

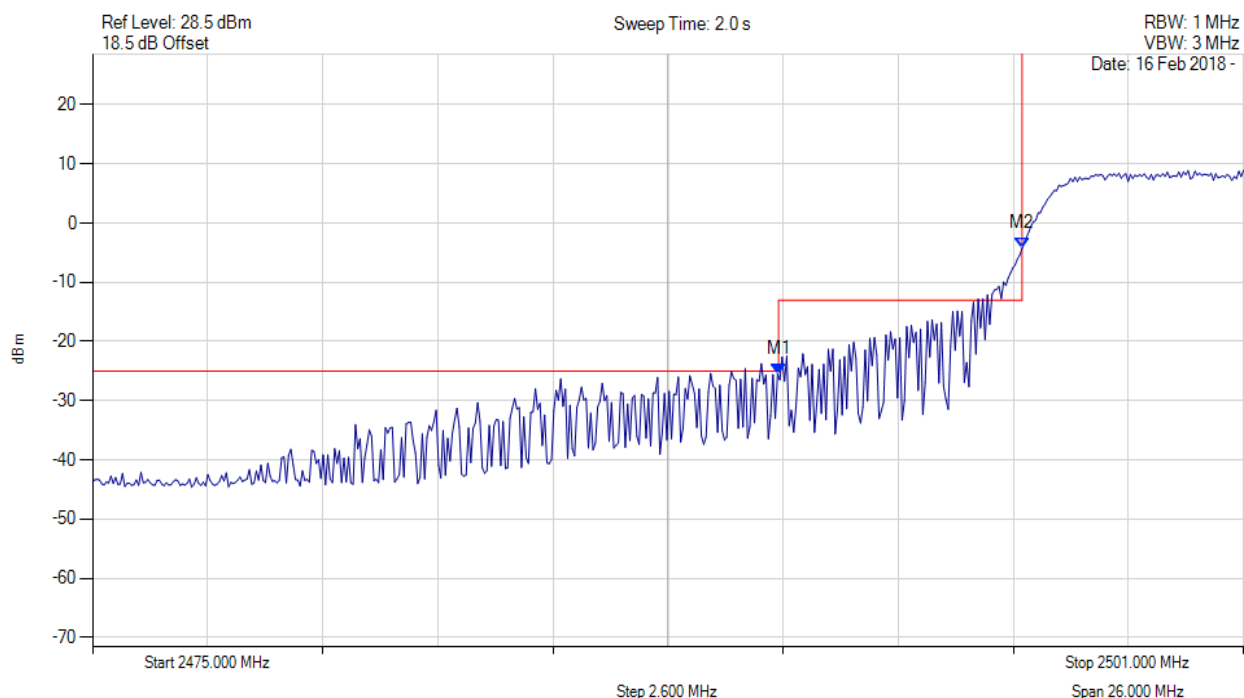Variant: 16QAM, Channel: 2503.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Ref Level: 28.5 dBm
18.5 dB Offset

Sweep Time: 2.0 s

RBW: 200 KHz
VBW: 500 KHz
Date: 16 Feb 2018 -

Start 2485.000 MHz
Step 1.600 MHz
Stop 2501.000 MHz
Span 16.000 MHz

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2490.500 MHz : -61.045 dBm M2 : 2496.000 MHz : -49.004 dBm	Channel Frequency: 2503.50 MHz

back to matrix

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Conducted Band-Edge Emissions_Peak

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Variant: 16QAM, Channel: 2503.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2490.500 MHz : -25.431 dBm M2 : 2496.000 MHz : -4.272 dBm	Channel Frequency: 2503.50 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

Variant: 16QAM, Channel: 2682.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc
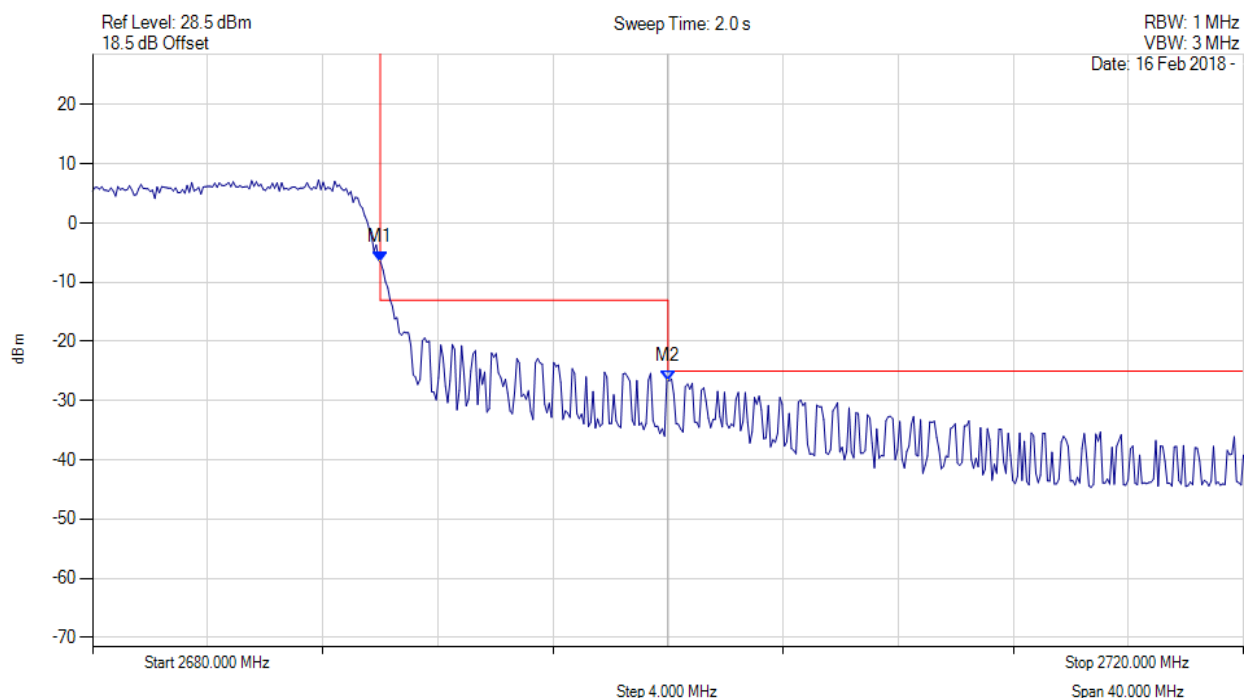

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2690.000 MHz : -53.086 dBm M2 : 2700.000 MHz : -57.523 dBm	Channel Frequency: 2682.50 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

Variant: 16QAM, Channel: 2682.50 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Ref Level: 28.5 dBm
18.5 dB Offset

Sweep Time: 2.0 s

RBW: 1 MHz
VBW: 3 MHz
Date: 16 Feb 2018 -

Start 2680.000 MHz

Stop 2720.000 MHz

Step 4.000 MHz

Span 40.000 MHz

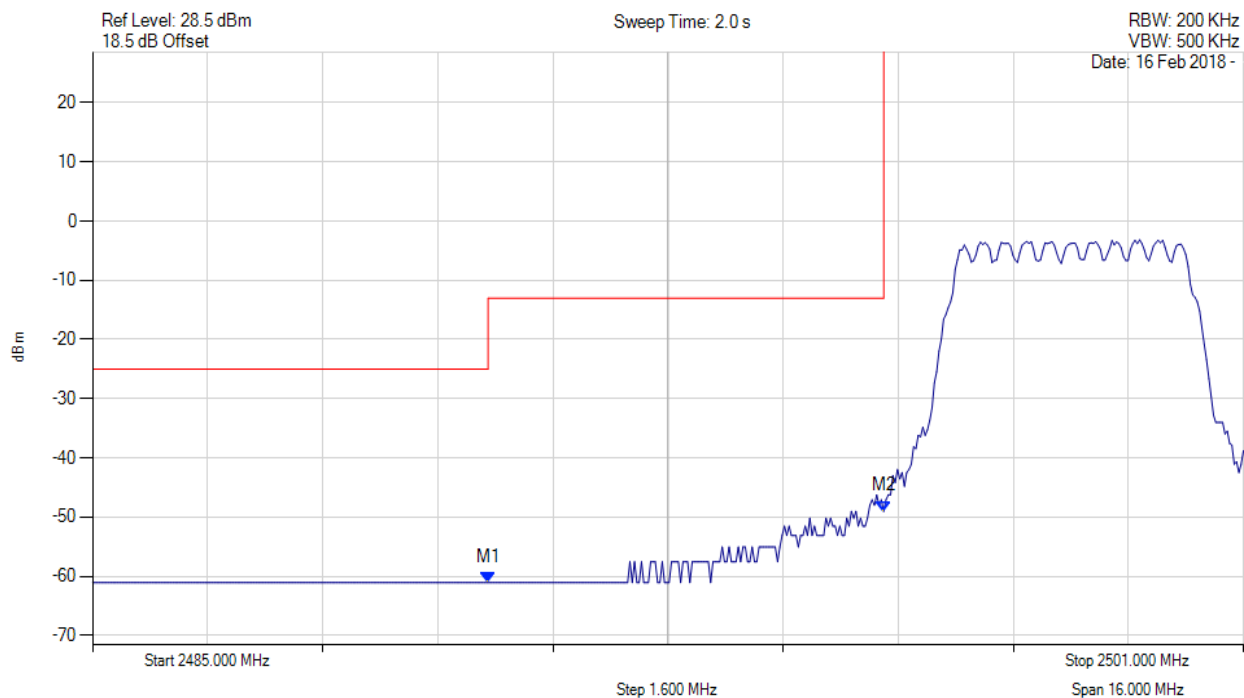| Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2690.000 MHz : -6.688 dBm M2 : 2700.000 MHz : -26.655 dBm	Channel Frequency: 2682.50 MHz

back to matrix

 Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

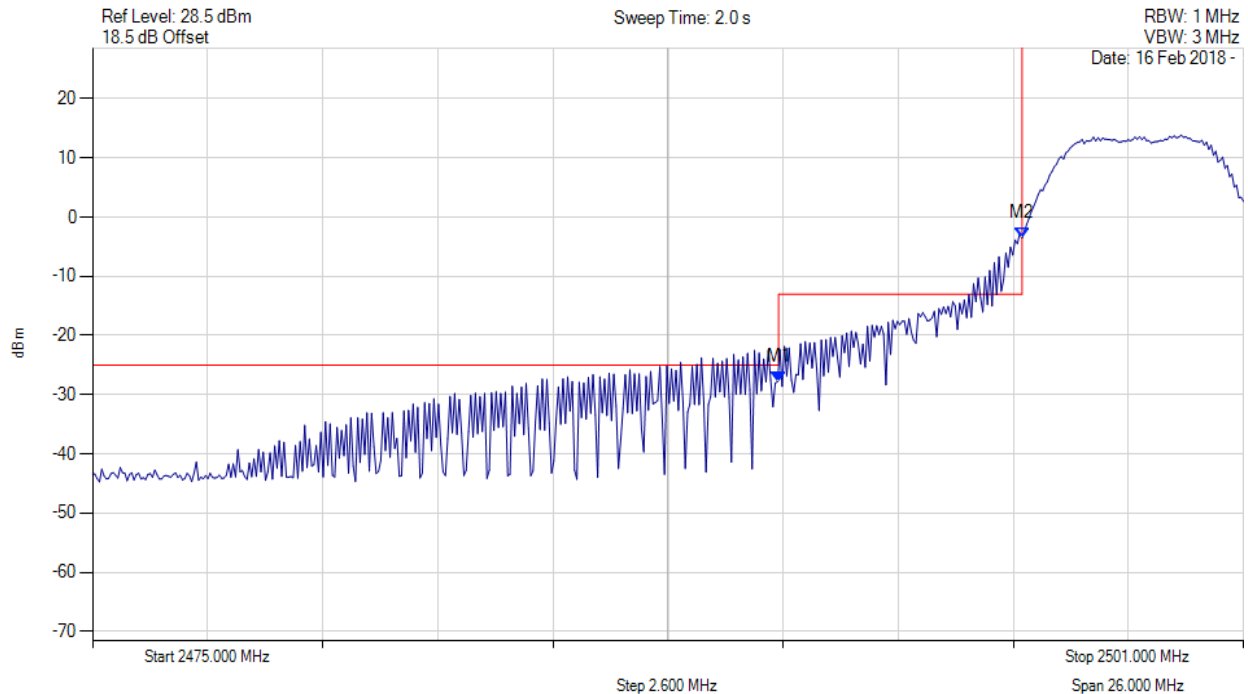Variant: 16QAM, Channel: 2506.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2490.500 MHz : -61.045 dBm M2 : 2496.000 MHz : -49.004 dBm	Channel Frequency: 2506.00 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

Variant: 16QAM, Channel: 2506.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

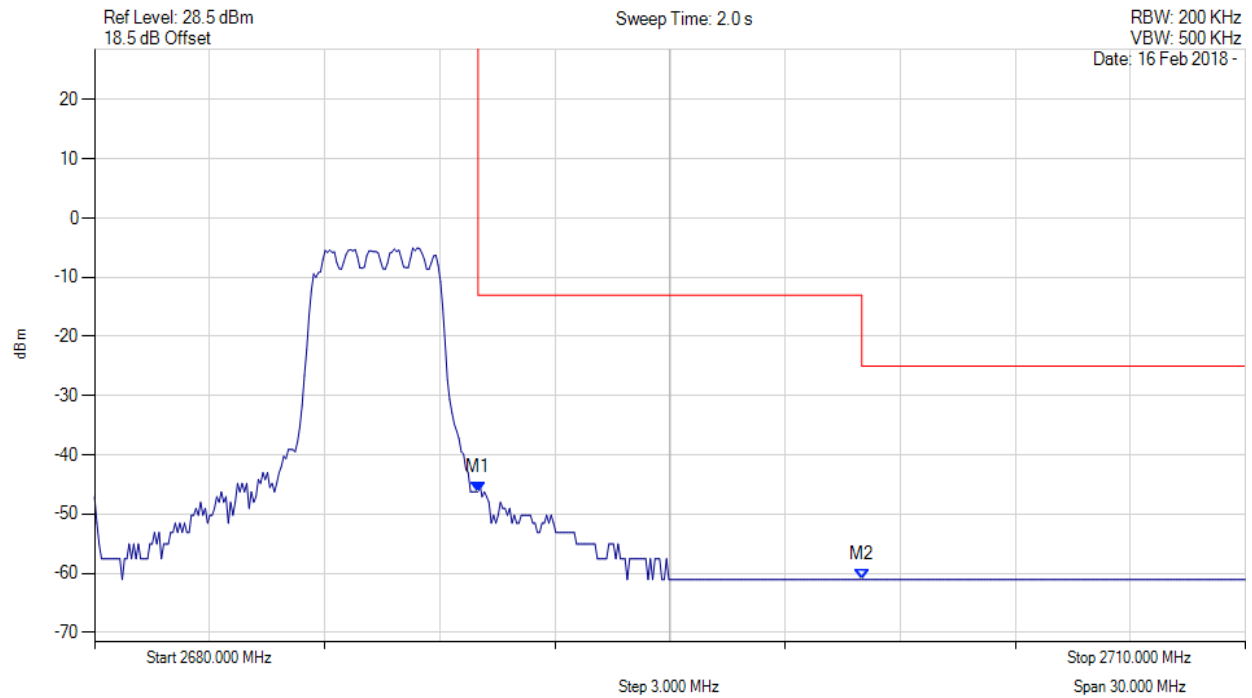| Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2490.500 MHz : -27.778 dBm M2 : 2496.000 MHz : -3.521 dBm	Channel Frequency: 2506.00 MHz

back to matrix

 Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

Variant: 16QAM, Channel: 2680.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc
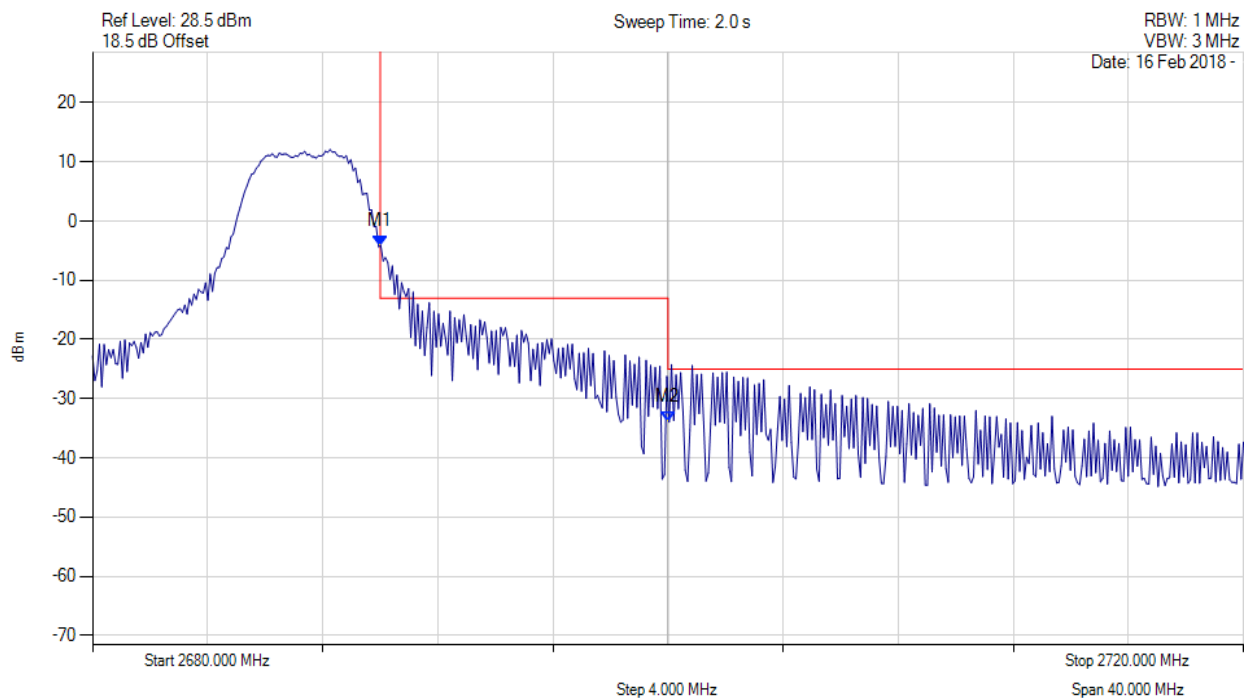

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2690.000 MHz : -46.237 dBm M2 : 2700.000 MHz : -61.045 dBm	Channel Frequency: 2680.00 MHz

back to matrix

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Conducted Band-Edge Emissions_Peak

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regulatory compliance in the cloud

Variant: 16QAM, Channel: 2680.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Ref Level: 28.5 dBm
18.5 dB Offset
Sweep Time: 2.0 s
RBW: 1 MHz
VBW: 3 MHz
Date: 16 Feb 2018 -

Start 2680.000 MHz
Step 4.000 MHz
Stop 2720.000 MHz
Span 40.000 MHz

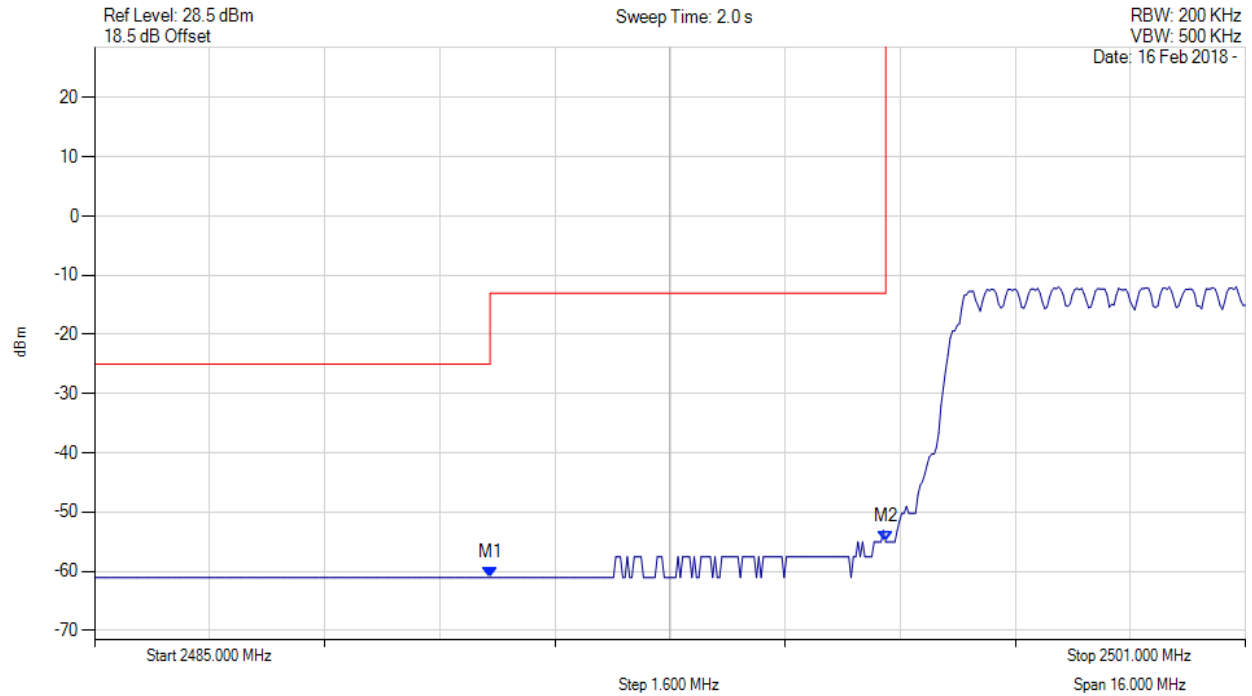| Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2690.000 MHz : -4.205 dBm M2 : 2700.000 MHz : -33.936 dBm	Channel Frequency: 2680.00 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

Conducted Band-Edge Emissions_Average

Variant: 16QAM, Channel: 2506.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc
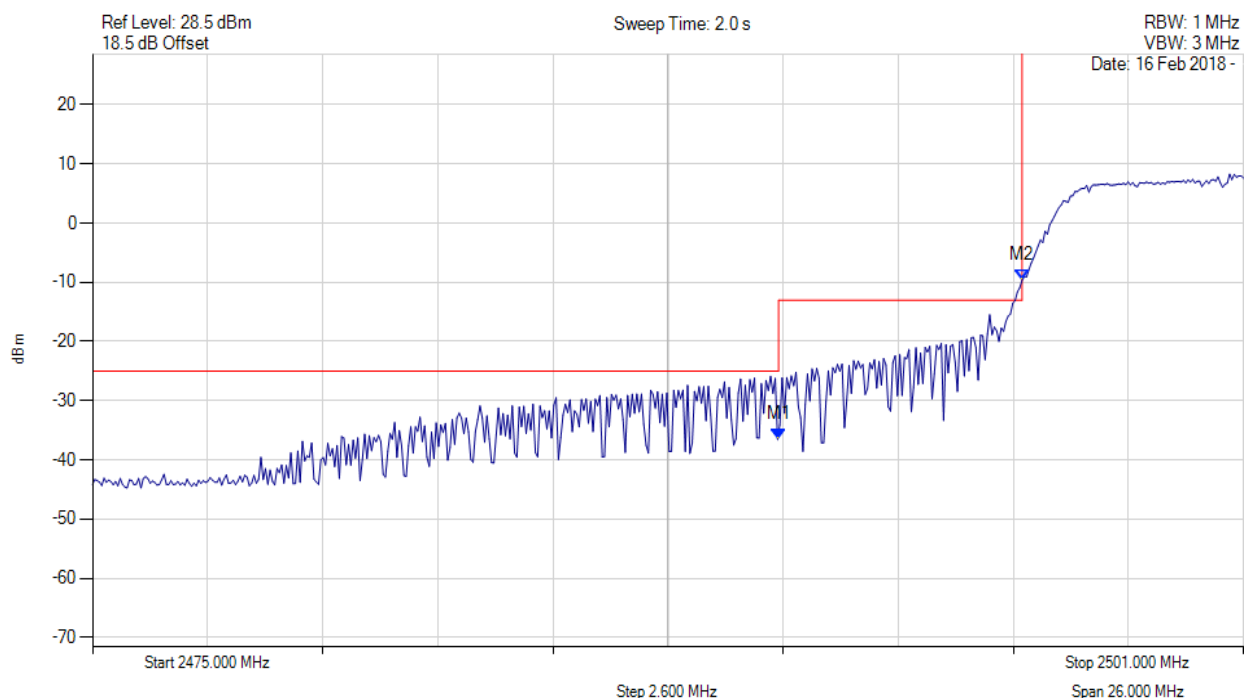

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2490.500 MHz : -61.045 dBm M2 : 2496.000 MHz : -55.024 dBm	Channel Frequency: 2506.00 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

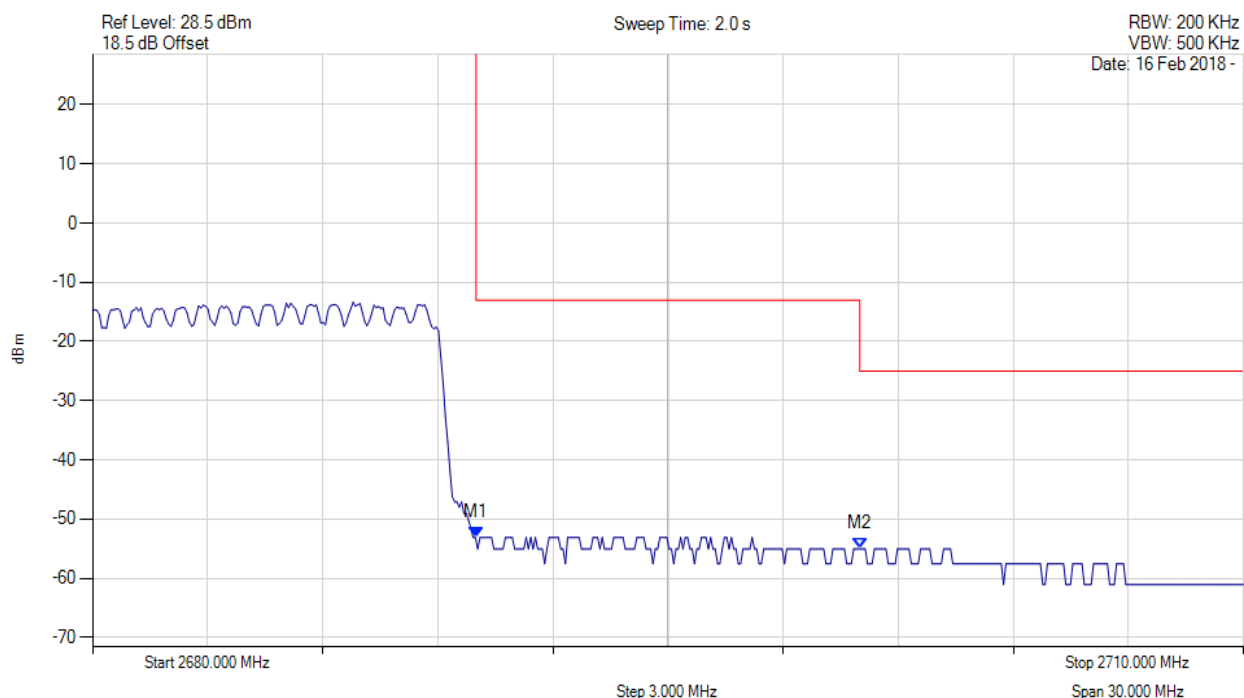Variant: 16QAM, Channel: 2506.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Ref Level: 28.5 dBm
18.5 dB Offset

Sweep Time: 2.0 s

RBW: 1 MHz
VBW: 3 MHz
Date: 16 Feb 2018 -

Start 2475.000 MHz
Stop 2501.000 MHz
Step 2.600 MHz
Span 26.000 MHz

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2490.500 MHz : -36.547 dBm M2 : 2496.000 MHz : -9.661 dBm	Channel Frequency: 2506.00 MHz

back to matrix

Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

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Conducted Band-Edge Emissions_Average

Variant: 16QAM, Channel: 2680.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc
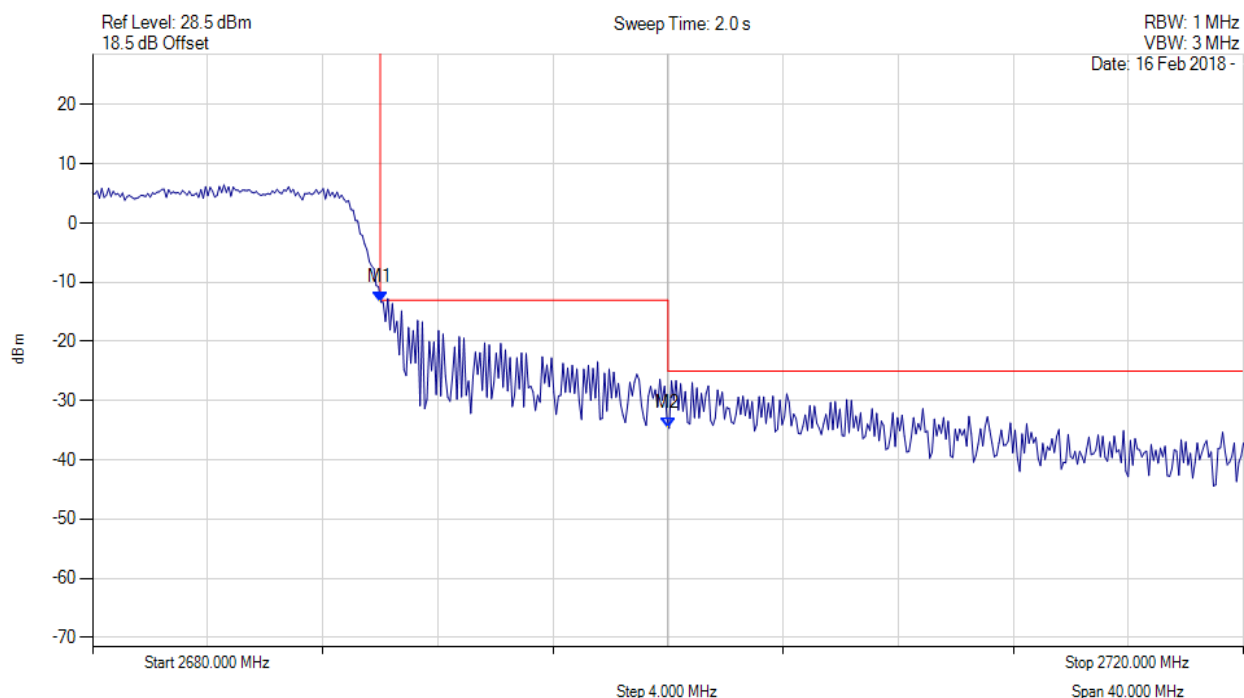

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2690.000 MHz : -53.086 dBm M2 : 2700.000 MHz : -55.024 dBm	Channel Frequency: 2680.00 MHz

back to matrix

Conducted Band-Edge Emissions_Peak

Variant: 16QAM, Channel: 2680.00 MHz, Chain a, Temp: 20, Voltage: 120 Vdc

Ref Level: 28.5 dBm
18.5 dB Offset
Sweep Time: 2.0 s
RBW: 1 MHz
VBW: 3 MHz
Date: 16 Feb 2018 -

Start 2680.000 MHz
Stop 2720.000 MHz
Step 4.000 MHz
Span 40.000 MHz

Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = CLR/WRITE	M1 : 2690.000 MHz : -13.352 dBm M2 : 2700.000 MHz : -34.668 dBm	Channel Frequency: 2680.00 MHz

back to matrix

 Note: For improvement of accuracy, Section 5.7.2 of ANSI C63.26 allows for a narrower RBW to be used near band edges. See average plot for a higher resolution measurement.

575 Boulder Court
Pleasanton, California 94566, USA
Tel: +1 (925) 462 0304
Fax: +1 (925) 462 0306
www.micomlabs.com