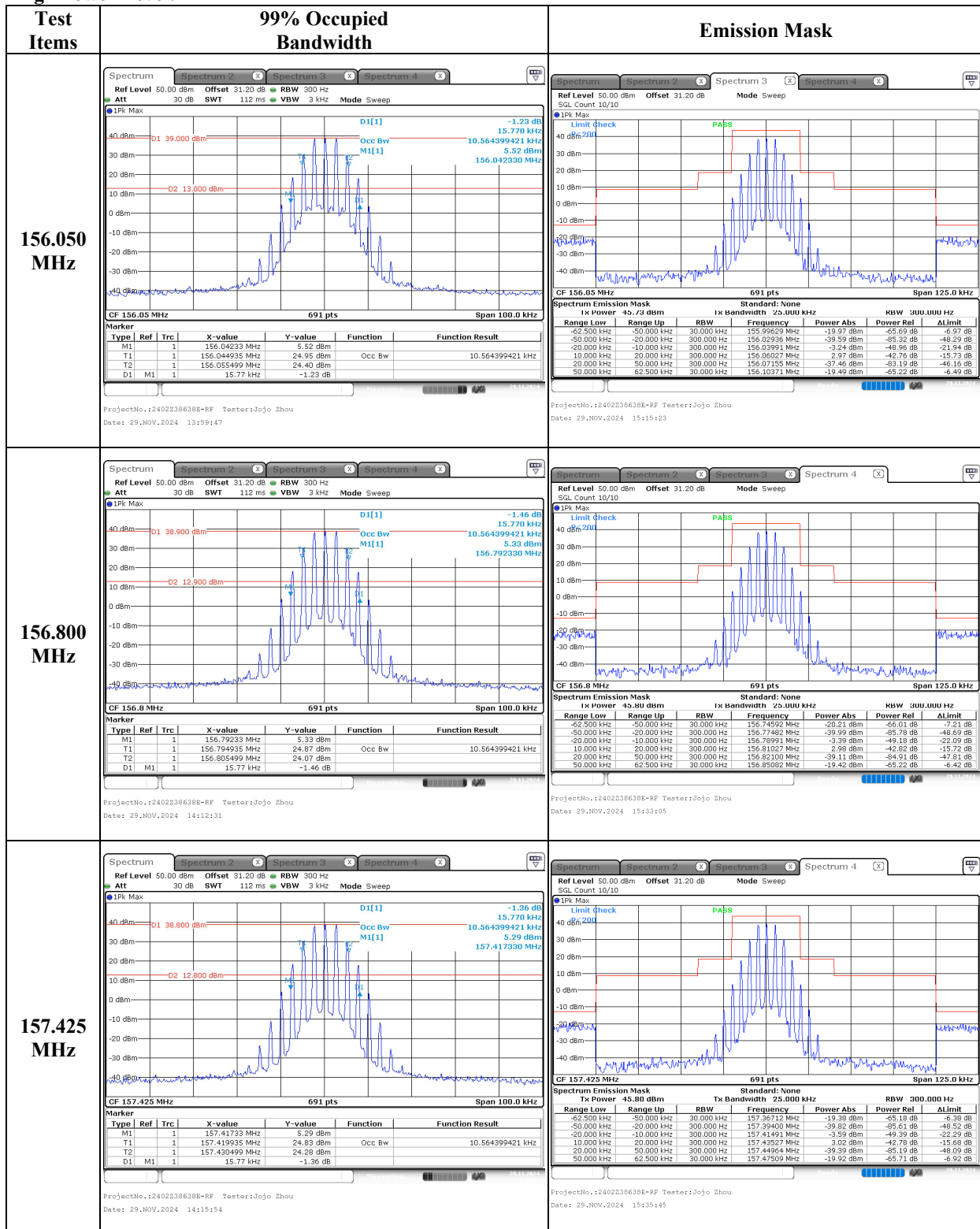
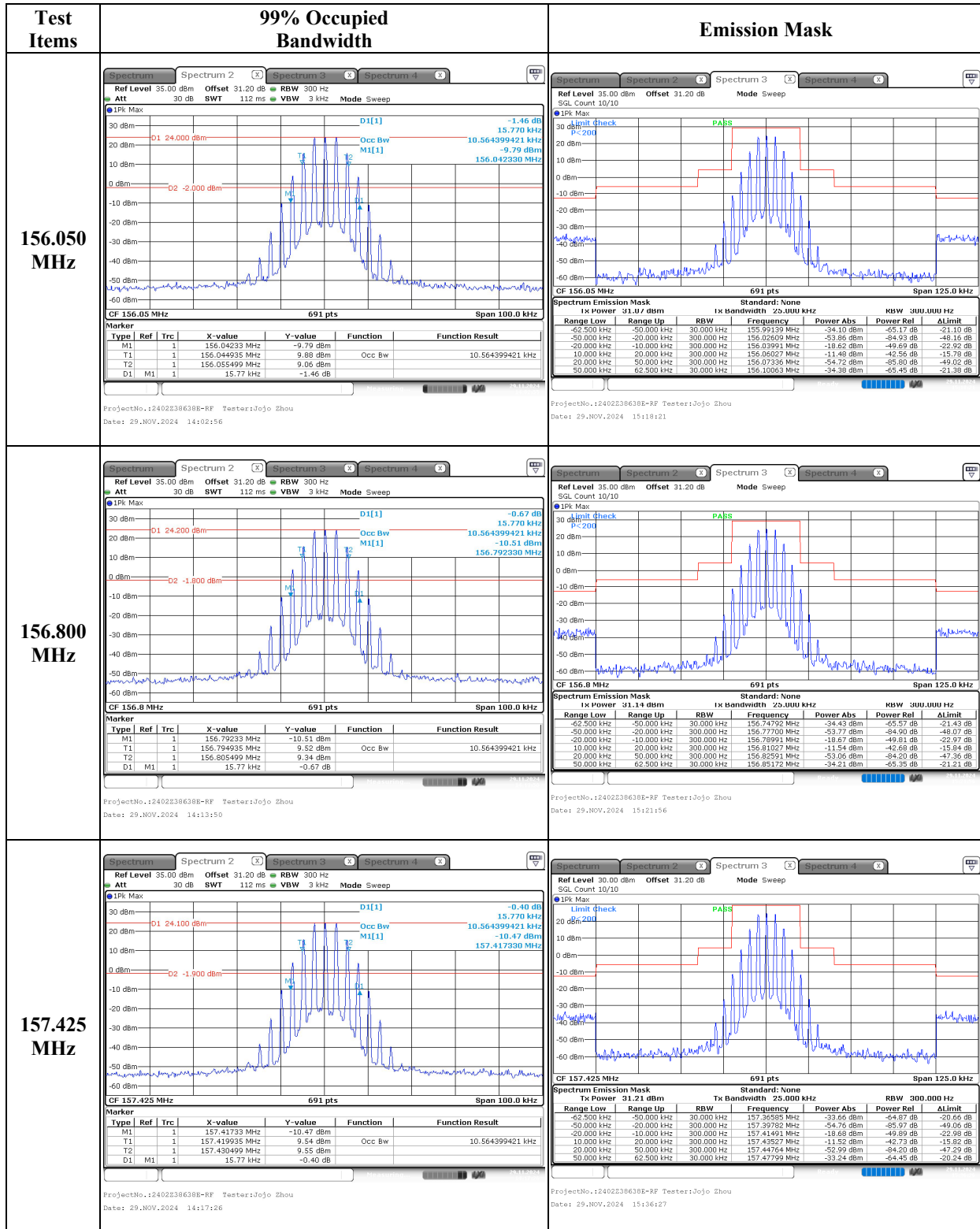


High Power Level:

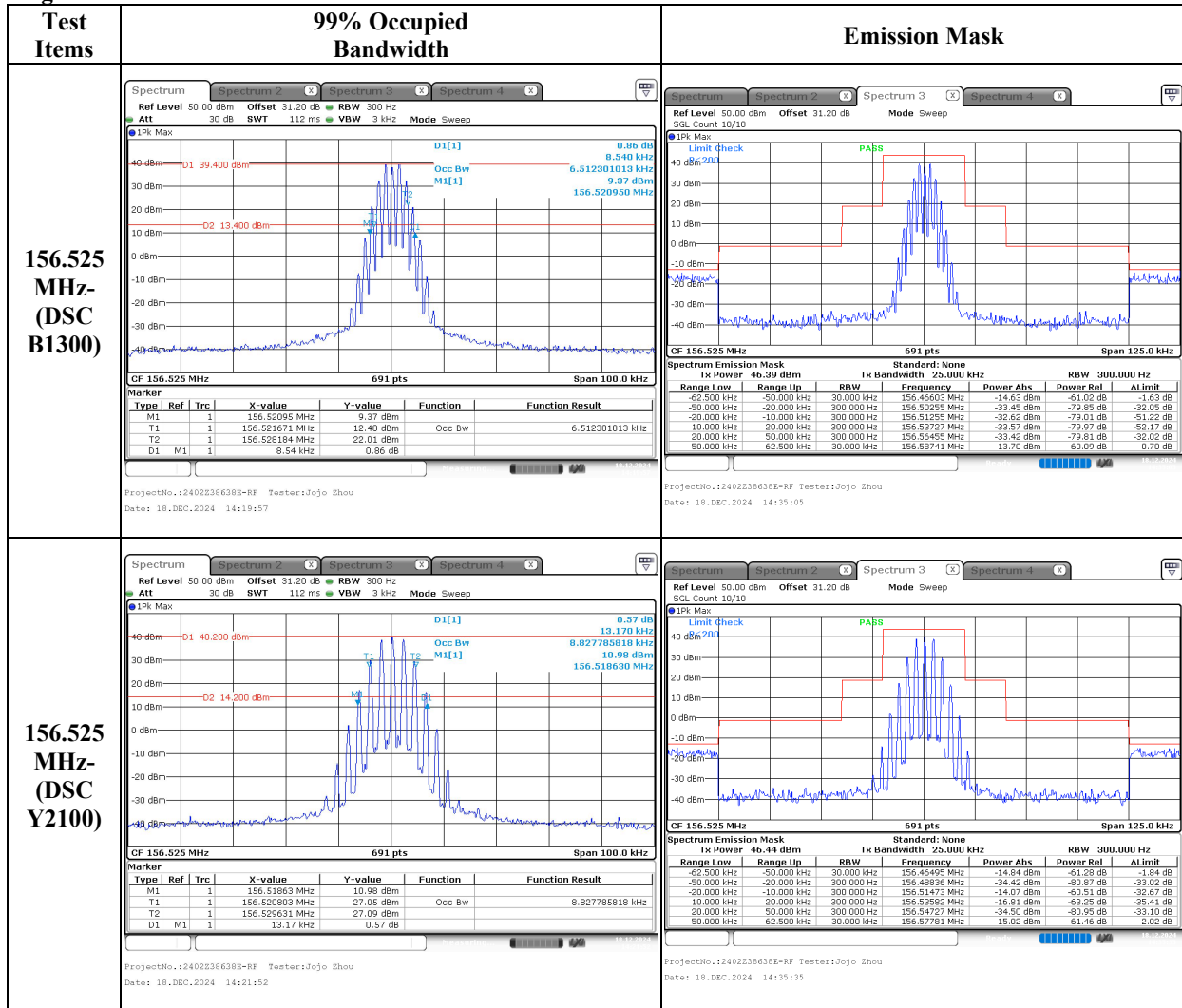


Low Power Level:

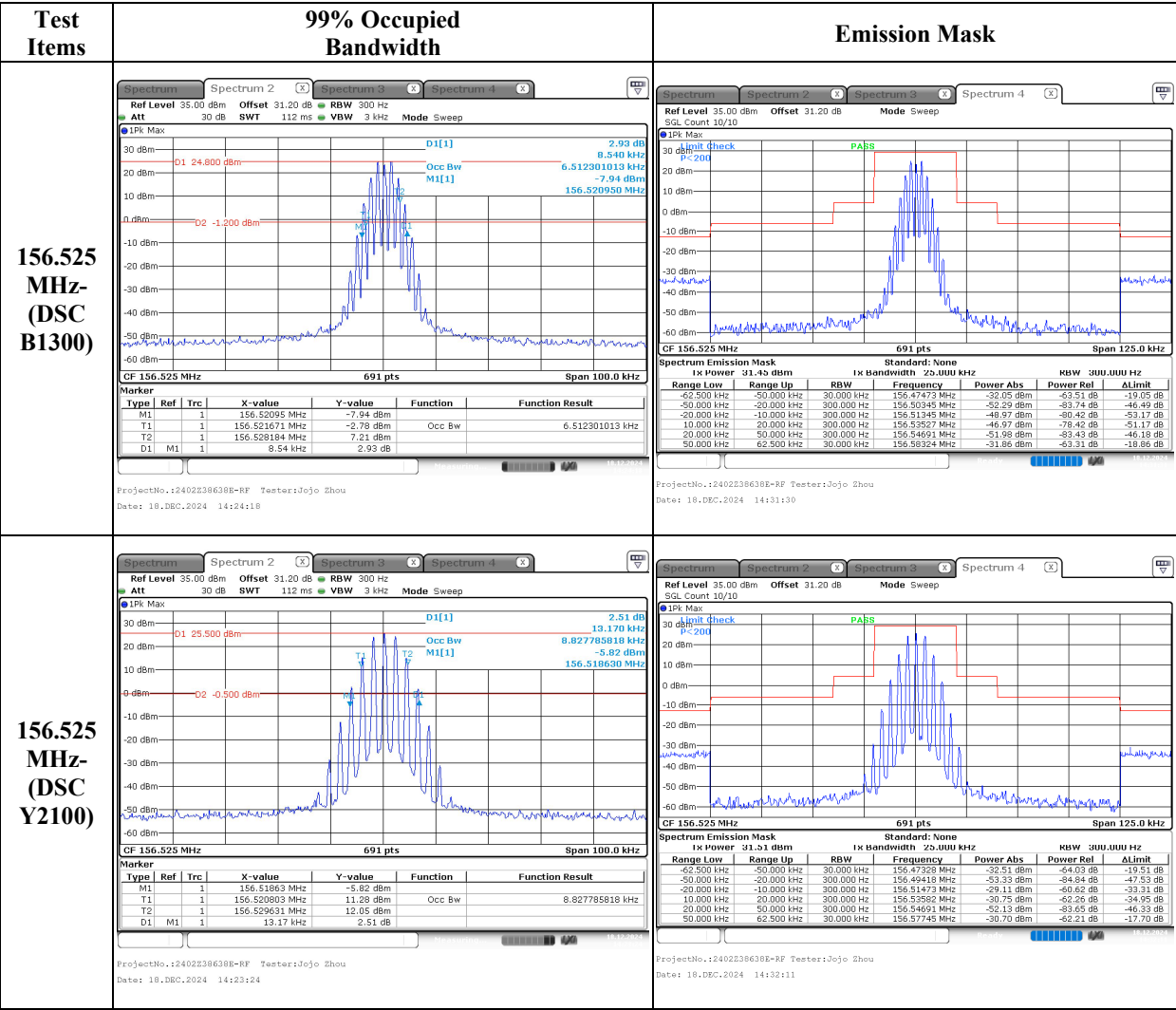


Test Items	99% Occupied Bandwidth	Emission Mask																																																																																		
156.375 MHz	Spectrum Spectrum 2 Spectrum 3 Spectrum 4 Ref Level 35.00 dBm Offset 31.20 dB RBW 300 kHz Att 30 dB SWT 112 ms VBW 3 kHz Mode Sweep 1PK Max D1 24.100 dBm D2 -1.900 dBm 15.770 kHz 10.564399421 kHz -10.32 dBm 156.367390 MHz CF 156.375 MHz 691 pts Span 100.0 kHz <table><tr><th>Marker</th><th>Type</th><th>Ref</th><th>Trc</th><th>X-value</th><th>Y-value</th><th>Function</th><th>Function Result</th></tr><tr><td>M1</td><td>1</td><td></td><td></td><td>156.367393 MHz</td><td>-10.32 dBm</td><td></td><td></td></tr><tr><td>T1</td><td>1</td><td></td><td></td><td>156.369935 MHz</td><td>9.74 dBm</td><td>Occ Bw</td><td>10.564399421 kHz</td></tr><tr><td>T2</td><td>1</td><td></td><td></td><td>156.380499 MHz</td><td>9.25 dBm</td><td></td><td></td></tr><tr><td>D1</td><td>M1</td><td>1</td><td></td><td>15.77 kHz</td><td>-0.89 dB</td><td></td><td></td></tr></table> ProjectNo.:2402Z38638E-RF Tester:Jojo Zhou Date: 29.NOV.2024 14:21:18	Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1			156.367393 MHz	-10.32 dBm			T1	1			156.369935 MHz	9.74 dBm	Occ Bw	10.564399421 kHz	T2	1			156.380499 MHz	9.25 dBm			D1	M1	1		15.77 kHz	-0.89 dB			Spectrum Spectrum 2 Spectrum 3 Spectrum 4 Ref Level 30.00 dBm Offset 31.20 dB Mode Sweep Sgl Count 10/10 1PK Max Limit check PASS 156.375 MHz 691 pts Span 125.0 kHz CF 156.375 MHz 691 pts Span 125.0 kHz Spectrum Emission Mask <table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>Power Rel</th><th>ALimit</th></tr><tr><td>-50.000 kHz</td><td>-50.000 kHz</td><td>300.000 Hz</td><td>156.35400 MHz</td><td>-53.79 dBm</td><td>-54.99 dB</td><td>-48.09 dB</td></tr><tr><td>-20.000 kHz</td><td>-10.000 kHz</td><td>300.000 Hz</td><td>156.36491 MHz</td><td>-18.31 dBm</td><td>-49.51 dB</td><td>-22.61 dB</td></tr><tr><td>10.000 kHz</td><td>20.000 kHz</td><td>300.000 Hz</td><td>156.38527 MHz</td><td>-11.42 dBm</td><td>-42.61 dB</td><td>-15.72 dB</td></tr><tr><td>20.000 kHz</td><td>50.000 kHz</td><td>300.000 Hz</td><td>156.39545 MHz</td><td>-54.22 dBm</td><td>-55.42 dB</td><td>-48.52 dB</td></tr><tr><td>50.000 kHz</td><td>62.500 kHz</td><td>30.000 kHz</td><td>156.42817 MHz</td><td>-33.53 dBm</td><td>-54.73 dB</td><td>-20.53 dB</td></tr></table> ProjectNo.:2402Z38638E-RF Tester:Jojo Zhou Date: 29.NOV.2024 15:38:39	Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ALimit	-50.000 kHz	-50.000 kHz	300.000 Hz	156.35400 MHz	-53.79 dBm	-54.99 dB	-48.09 dB	-20.000 kHz	-10.000 kHz	300.000 Hz	156.36491 MHz	-18.31 dBm	-49.51 dB	-22.61 dB	10.000 kHz	20.000 kHz	300.000 Hz	156.38527 MHz	-11.42 dBm	-42.61 dB	-15.72 dB	20.000 kHz	50.000 kHz	300.000 Hz	156.39545 MHz	-54.22 dBm	-55.42 dB	-48.52 dB	50.000 kHz	62.500 kHz	30.000 kHz	156.42817 MHz	-33.53 dBm	-54.73 dB	-20.53 dB
	Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result																																																																												
M1	1			156.367393 MHz	-10.32 dBm																																																																															
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D1	M1	1		15.77 kHz	-0.89 dB																																																																															
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-50.000 kHz	-50.000 kHz	300.000 Hz	156.35400 MHz	-53.79 dBm	-54.99 dB	-48.09 dB																																																																														
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156.575 MHz	Spectrum Spectrum 2 Spectrum 3 Spectrum 4 Ref Level 35.00 dBm Offset 31.20 dB RBW 300 kHz Att 30 dB SWT 112 ms VBW 3 kHz Mode Sweep 1PK Max D1 24.100 dBm D2 -1.900 dBm 15.770 kHz 10.564399421 kHz -10.16 dBm 156.567390 MHz CF 156.575 MHz 691 pts Span 100.0 kHz <table><tr><th>Marker</th><th>Type</th><th>Ref</th><th>Trc</th><th>X-value</th><th>Y-value</th><th>Function</th><th>Function Result</th></tr><tr><td>M1</td><td>1</td><td></td><td></td><td>156.567393 MHz</td><td>-10.16 dBm</td><td></td><td></td></tr><tr><td>T1</td><td>1</td><td></td><td></td><td>156.569935 MHz</td><td>9.74 dBm</td><td>Occ Bw</td><td>10.564399421 kHz</td></tr><tr><td>T2</td><td>1</td><td></td><td></td><td>156.580499 MHz</td><td>9.26 dBm</td><td></td><td></td></tr><tr><td>D1</td><td>M1</td><td>1</td><td></td><td>15.77 kHz</td><td>-1.09 dB</td><td></td><td></td></tr></table> ProjectNo.:2402Z38638E-RF Tester:Jojo Zhou Date: 29.NOV.2024 14:22:47	Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1			156.567393 MHz	-10.16 dBm			T1	1			156.569935 MHz	9.74 dBm	Occ Bw	10.564399421 kHz	T2	1			156.580499 MHz	9.26 dBm			D1	M1	1		15.77 kHz	-1.09 dB			Spectrum Spectrum 2 Spectrum 3 Spectrum 4 Ref Level 30.00 dBm Offset 31.20 dB Mode Sweep Sgl Count 10/10 1PK Max Limit check PASS 156.575 MHz 691 pts Span 125.0 kHz CF 156.575 MHz 691 pts Span 125.0 kHz Spectrum Emission Mask <table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>Power Rel</th><th>ALimit</th></tr><tr><td>-50.000 kHz</td><td>-50.000 kHz</td><td>300.000 Hz</td><td>156.52346 MHz</td><td>-33.05 dBm</td><td>-54.24 dB</td><td>-20.55 dB</td></tr><tr><td>-20.000 kHz</td><td>-10.000 kHz</td><td>300.000 Hz</td><td>156.55291 MHz</td><td>-54.25 dBm</td><td>-54.45 dB</td><td>-48.45 dB</td></tr><tr><td>10.000 kHz</td><td>20.000 kHz</td><td>300.000 Hz</td><td>156.58527 MHz</td><td>-11.39 dBm</td><td>-42.58 dB</td><td>-15.59 dB</td></tr><tr><td>20.000 kHz</td><td>50.000 kHz</td><td>300.000 Hz</td><td>156.59527 MHz</td><td>-53.92 dBm</td><td>-55.12 dB</td><td>-48.12 dB</td></tr><tr><td>50.000 kHz</td><td>62.500 kHz</td><td>30.000 kHz</td><td>156.63143 MHz</td><td>-33.72 dBm</td><td>-54.91 dB</td><td>-20.72 dB</td></tr></table> ProjectNo.:2402Z38638E-RF Tester:Jojo Zhou Date: 29.NOV.2024 15:42:42	Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ALimit	-50.000 kHz	-50.000 kHz	300.000 Hz	156.52346 MHz	-33.05 dBm	-54.24 dB	-20.55 dB	-20.000 kHz	-10.000 kHz	300.000 Hz	156.55291 MHz	-54.25 dBm	-54.45 dB	-48.45 dB	10.000 kHz	20.000 kHz	300.000 Hz	156.58527 MHz	-11.39 dBm	-42.58 dB	-15.59 dB	20.000 kHz	50.000 kHz	300.000 Hz	156.59527 MHz	-53.92 dBm	-55.12 dB	-48.12 dB	50.000 kHz	62.500 kHz	30.000 kHz	156.63143 MHz	-33.72 dBm	-54.91 dB	-20.72 dB
	Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result																																																																												
M1	1			156.567393 MHz	-10.16 dBm																																																																															
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156.875 MHz	Spectrum Spectrum 2 Spectrum 3 Spectrum 4 Ref Level 35.00 dBm Offset 31.20 dB RBW 300 kHz Att 30 dB SWT 112 ms VBW 3 kHz Mode Sweep 1PK Max D1 24.200 dBm D2 -1.900 dBm 15.770 kHz 10.564399421 kHz -10.43 dBm 156.867390 MHz CF 156.875 MHz 691 pts Span 100.0 kHz <table><tr><th>Marker</th><th>Type</th><th>Ref</th><th>Trc</th><th>X-value</th><th>Y-value</th><th>Function</th><th>Function Result</th></tr><tr><td>M1</td><td>1</td><td></td><td></td><td>156.867393 MHz</td><td>-10.43 dBm</td><td></td><td></td></tr><tr><td>T1</td><td>1</td><td></td><td></td><td>156.869935 MHz</td><td>9.70 dBm</td><td>Occ Bw</td><td>10.564399421 kHz</td></tr><tr><td>T2</td><td>1</td><td></td><td></td><td>156.880499 MHz</td><td>9.30 dBm</td><td></td><td></td></tr><tr><td>D1</td><td>M1</td><td>1</td><td></td><td>15.77 kHz</td><td>-0.90 dB</td><td></td><td></td></tr></table> ProjectNo.:2402Z38638E-RF Tester:Jojo Zhou Date: 29.NOV.2024 14:25:21	Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1			156.867393 MHz	-10.43 dBm			T1	1			156.869935 MHz	9.70 dBm	Occ Bw	10.564399421 kHz	T2	1			156.880499 MHz	9.30 dBm			D1	M1	1		15.77 kHz	-0.90 dB			Spectrum Spectrum 2 Spectrum 3 Spectrum 4 Ref Level 30.00 dBm Offset 31.20 dB Mode Sweep Sgl Count 10/10 1PK Max Limit check PASS 156.875 MHz 691 pts Span 125.0 kHz CF 156.875 MHz 691 pts Span 125.0 kHz Spectrum Emission Mask <table><tr><th>Range Low</th><th>Range Up</th><th>RBW</th><th>Frequency</th><th>Power Abs</th><th>Power Rel</th><th>ALimit</th></tr><tr><td>-50.000 kHz</td><td>-50.000 kHz</td><td>300.000 Hz</td><td>156.82346 MHz</td><td>-34.11 dBm</td><td>-55.34 dB</td><td>-21.11 dB</td></tr><tr><td>-20.000 kHz</td><td>-10.000 kHz</td><td>300.000 Hz</td><td>156.85455 MHz</td><td>-53.34 dBm</td><td>-54.57 dB</td><td>-47.54 dB</td></tr><tr><td>10.000 kHz</td><td>20.000 kHz</td><td>300.000 Hz</td><td>156.88527 MHz</td><td>-11.38 dBm</td><td>-42.61 dB</td><td>-15.59 dB</td></tr><tr><td>20.000 kHz</td><td>50.000 kHz</td><td>300.000 Hz</td><td>156.89564 MHz</td><td>-53.12 dBm</td><td>-54.35 dB</td><td>-47.32 dB</td></tr><tr><td>50.000 kHz</td><td>62.500 kHz</td><td>30.000 kHz</td><td>156.92636 MHz</td><td>-33.83 dBm</td><td>-55.06 dB</td><td>-20.83 dB</td></tr></table> ProjectNo.:2402Z38638E-RF Tester:Jojo Zhou Date: 29.NOV.2024 15:43:25	Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ALimit	-50.000 kHz	-50.000 kHz	300.000 Hz	156.82346 MHz	-34.11 dBm	-55.34 dB	-21.11 dB	-20.000 kHz	-10.000 kHz	300.000 Hz	156.85455 MHz	-53.34 dBm	-54.57 dB	-47.54 dB	10.000 kHz	20.000 kHz	300.000 Hz	156.88527 MHz	-11.38 dBm	-42.61 dB	-15.59 dB	20.000 kHz	50.000 kHz	300.000 Hz	156.89564 MHz	-53.12 dBm	-54.35 dB	-47.32 dB	50.000 kHz	62.500 kHz	30.000 kHz	156.92636 MHz	-33.83 dBm	-55.06 dB	-20.83 dB
	Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result																																																																												
M1	1			156.867393 MHz	-10.43 dBm																																																																															
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High Power Level:



Low Power Level:



4.5 Transmitter Unwanted Emissions(Conducted)

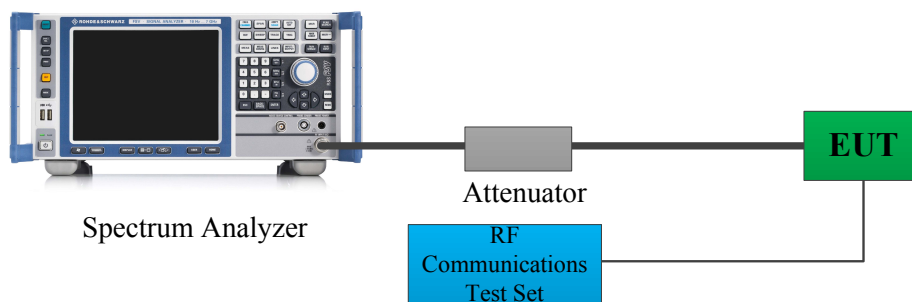
4.5.1 Applicable Standard

FCC §80.211 Emission limitations

(f) The mean power when using emissions other than those in paragraphs (a), (b), (c) and (d) of this section:

- (1) On any frequency removed from the assigned frequency by more than 50 percent up to and including 100 percent of the authorized bandwidth: At least 25 dB;
- (2) On any frequency removed from the assigned frequency by more than 100 percent up to and including 250 percent of the authorized bandwidth: At least 35 dB; and
- (3) On any frequency removed from the assigned frequency by more than 250 percent of the authorized bandwidth: At least 43 plus $10\log_{10}$ (mean power in watts) dB.

4.5.2 Block Diagram of Test Setup



Note: The Insertion loss of the RF cable, Attenuators was offset into the Spectrum Analyzer.

4.5.3 Test Procedure

According to ANSI C63.26-2015 Section 5.7.4:

- a) Set the spectrum analyzer start frequency to the lowest frequency generated by the EUT, without going below 9 kHz, and the stop frequency to the lower frequency covered by the measurements previously performed in 5.7.3. As an alternative, the stop frequency can be set to the value specified in 5.1.1, depending on the EUT operating range, if the resulting plot can clearly demonstrate compliance for all frequencies not addressed by the out-of-band emissions measurements performed as per 5.7.3.
- b) When using an average power (rms) detector, ensure that the number of points in the sweep $\geq 2 \times (\text{span} / \text{RBW})$. This may require that the measurement range defined by the start and stop frequencies be subdivided, depending on the spectrum analyzer capabilities. This requirement does not apply to peak-detected power measurements. When average power is specified by the applicable regulation, a peak-detector can be utilized for preliminary measurements to accommodate wider frequency spans. Any emissions found in the preliminary measurement to exceed the applicable limit(s) shall be further examined using a power averaging (rms) detector with the minimum number of measurement points as defined above.

- c) The sweep time should be set to auto-couple for performing peak-detector measurements. For measurements that use a power averaging (rms) detector, the sweep time shall be set as described for out-of-band emissions measurements in item d) of 5.7.3.
- d) Identify and measure the highest spurious emission levels in each frequency range. It is not necessary to re-measure the out-of-band emissions as a part of this test. Record the frequencies and amplitudes corresponding to the measured emissions and capture the data plots.
- e) Repeat step b) through step d) for the upper spurious emission frequency range if not already captured by a wide span measurement performed as per the alternative provided in step a). The upper frequency for this measurement is defined in 5.1.1 as a function of the EUT operating range.
- f) Compare the results with the corresponding limit in the applicable regulation.
- g) The test report shall include the data plots of the measuring instrument display and the measured data.

4.5.4 Test Data And Result

Serial Number:	2TXQ-2	Test Date:	2024/11/29
Test Site:	RF	Test Mode:	Transmitting
Tester:	Jojo Zhou	Test Result:	Pass

Environmental Conditions:					
Temperature: (°C)	23.1	Relative Humidity: (%)	31	ATM Pressure: (kPa)	102.3

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101947	2024/9/5	2025/9/4
Unknown	Coaxial Cable	C-NJNJ-50	C-0200-03	2024/8/23	2025/8/22
Huaxiang	Coaxial Attenuator	DTS250-30	11022109	2024/6/7	2025/6/6
HP	RF Communications Test Set	8920A	3438A05201	2024/10/17	2025/10/16

* Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data:

Only the high power level was tested for the channel with difference power level

156.050 MHz

