

3.5. Channel Mask

Module: RJ-2002

Test Graphs

Mode 1: SISO_5 MHz Continuous TX mode (Legacy) _ANT-0

4942.5 MHz

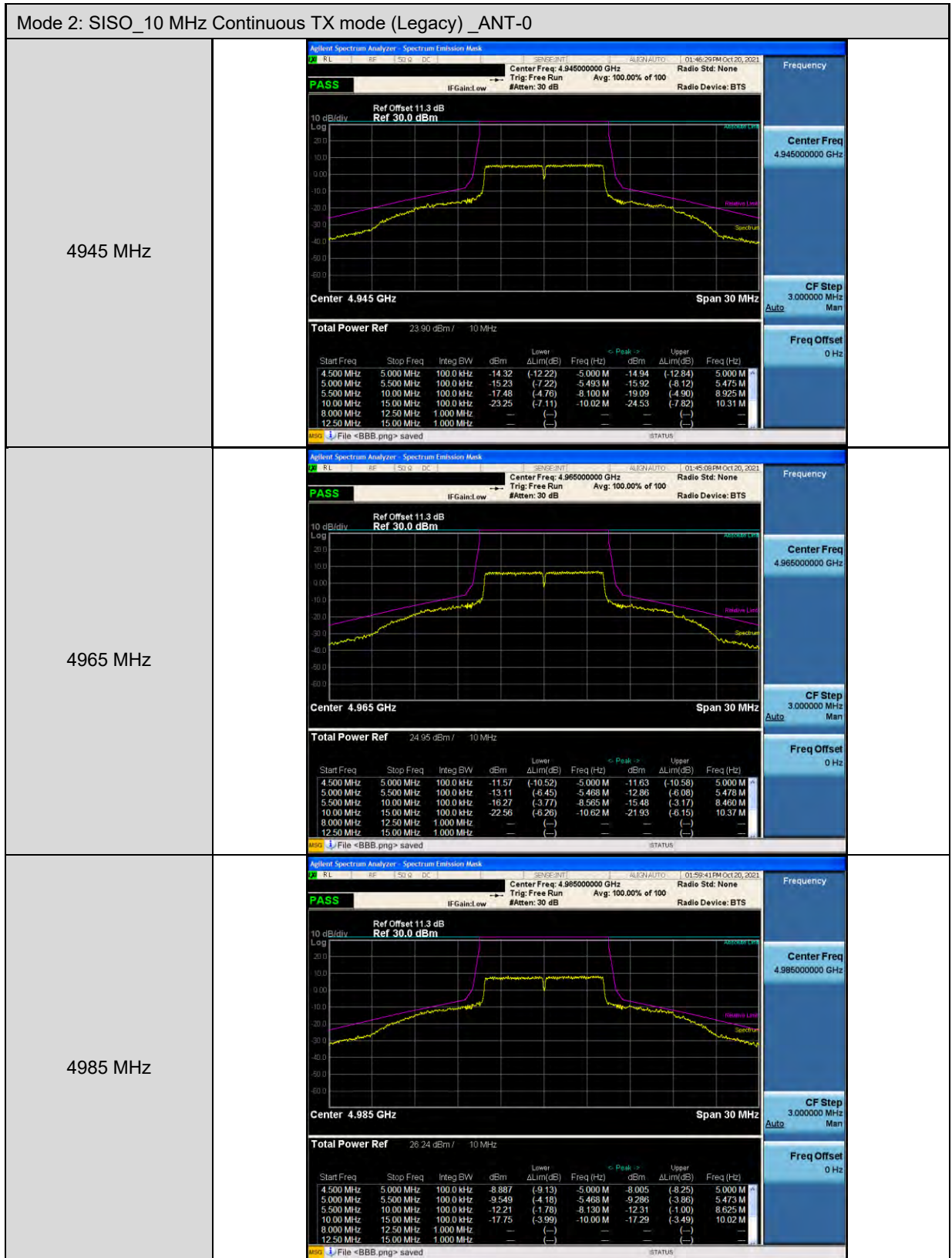


4967.5 MHz



4987.5 MHz





Mode 4: SISO_5 MHz Continuous TX mode_ANT-0

4942.5 MHz

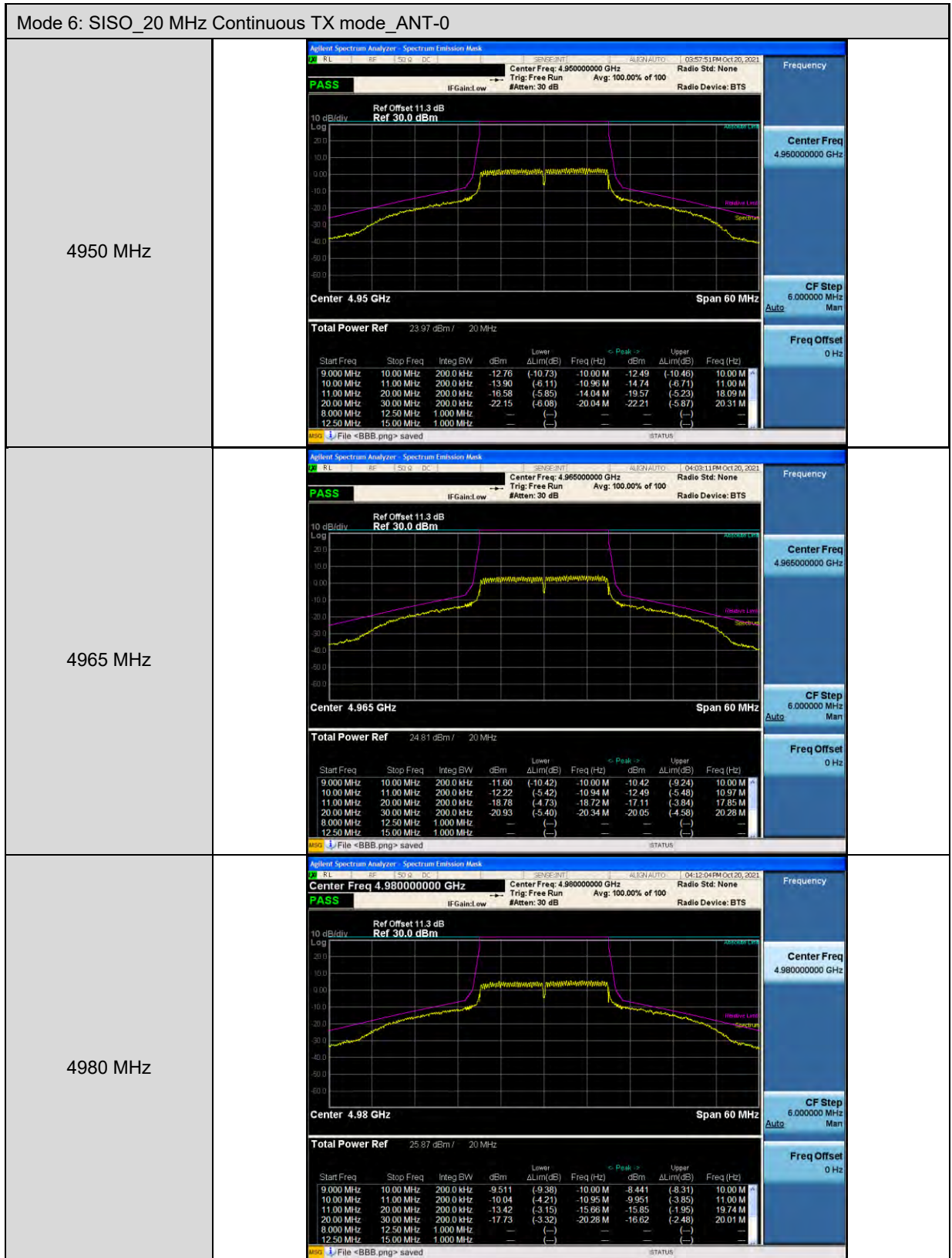


4967.5 MHz



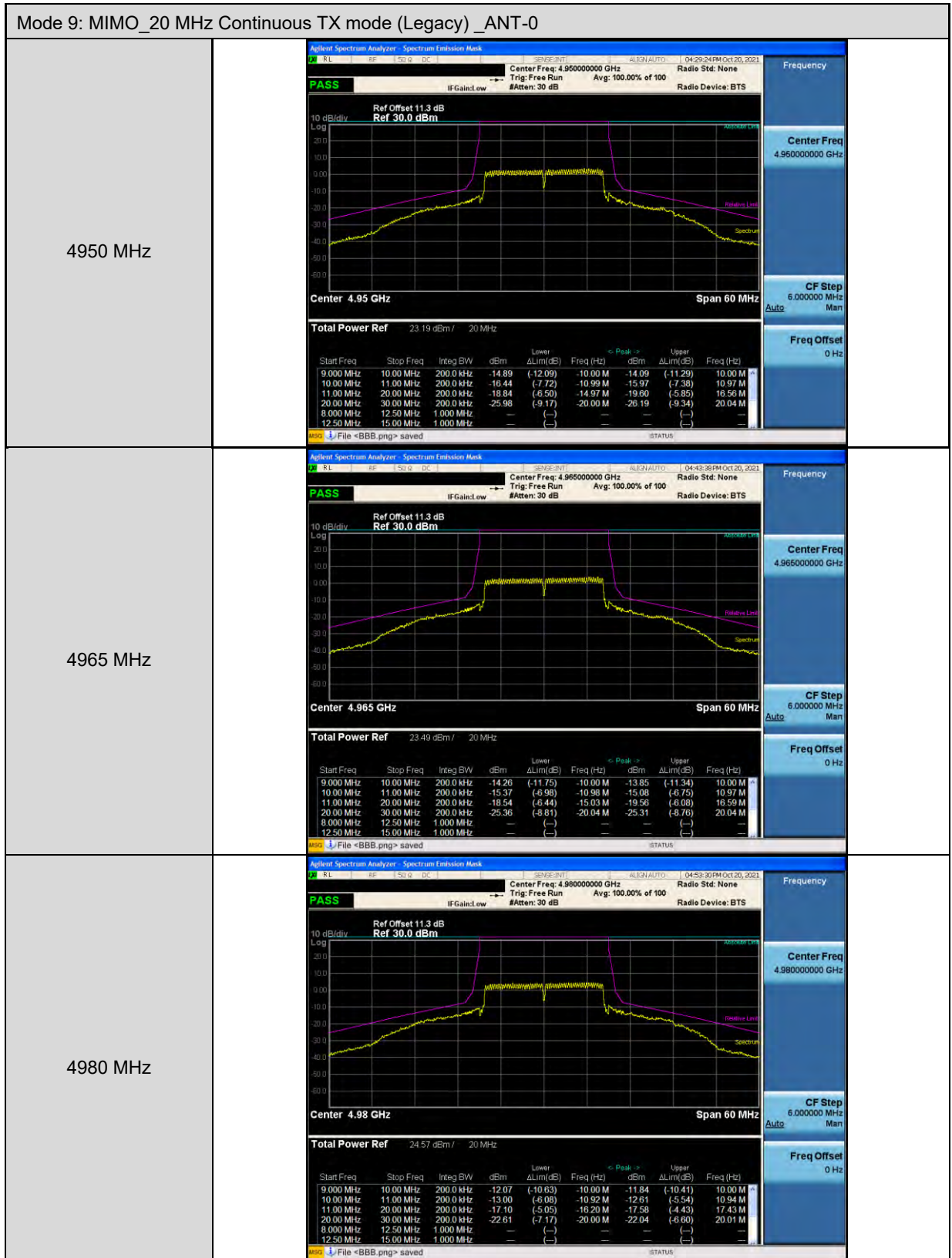
4987.5 MHz

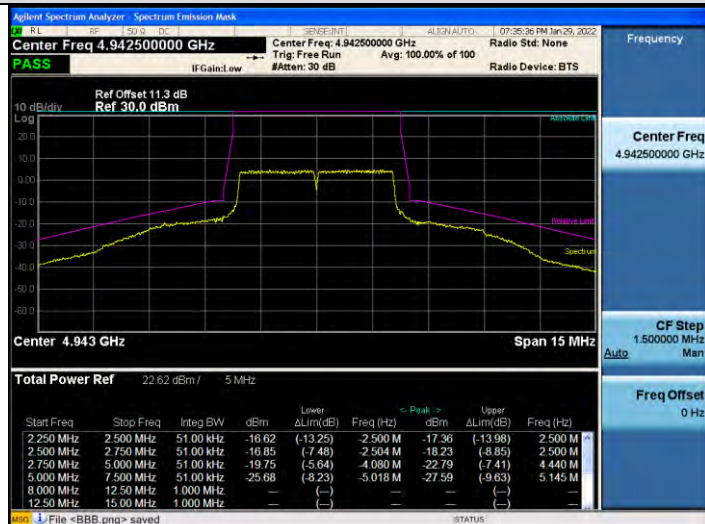


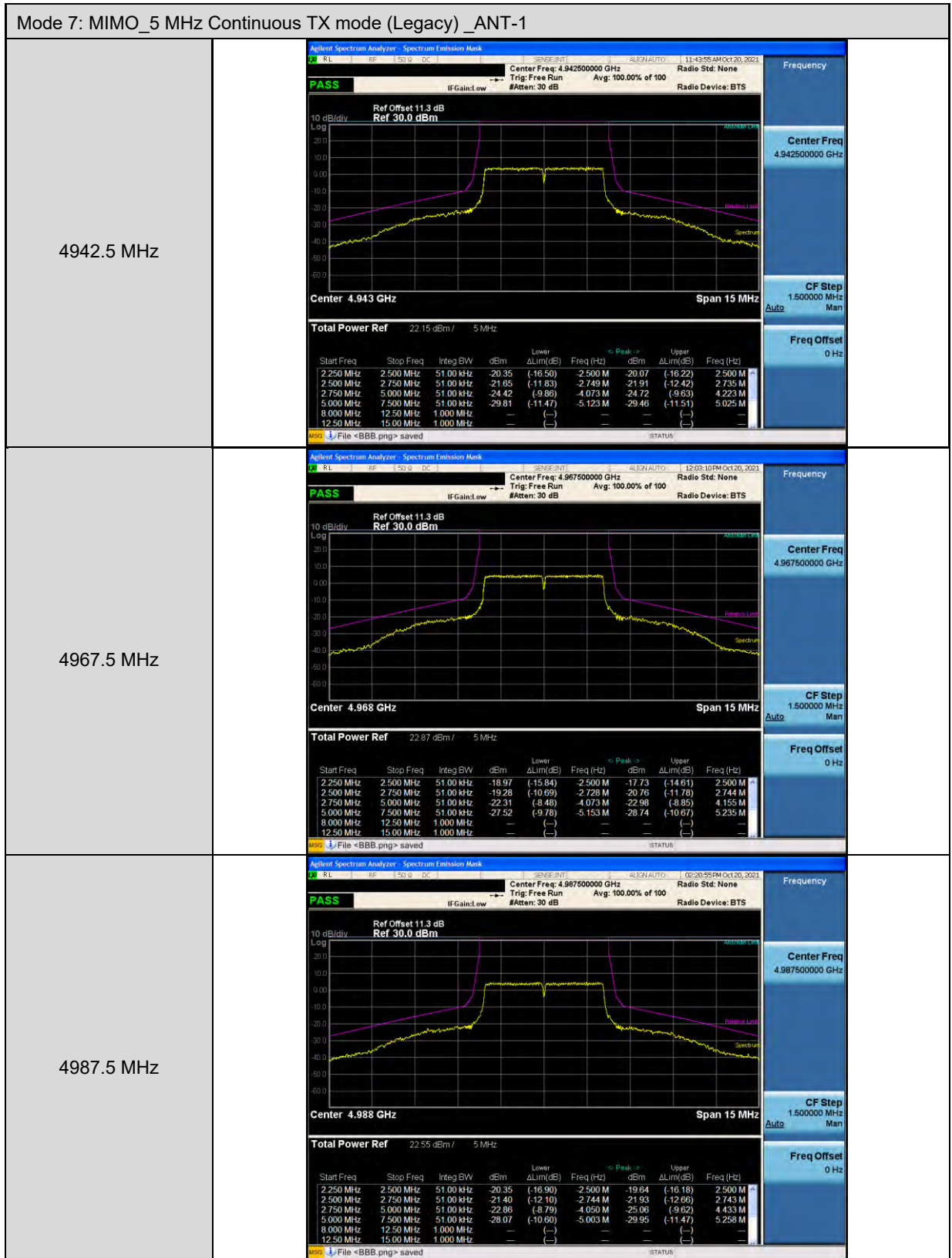


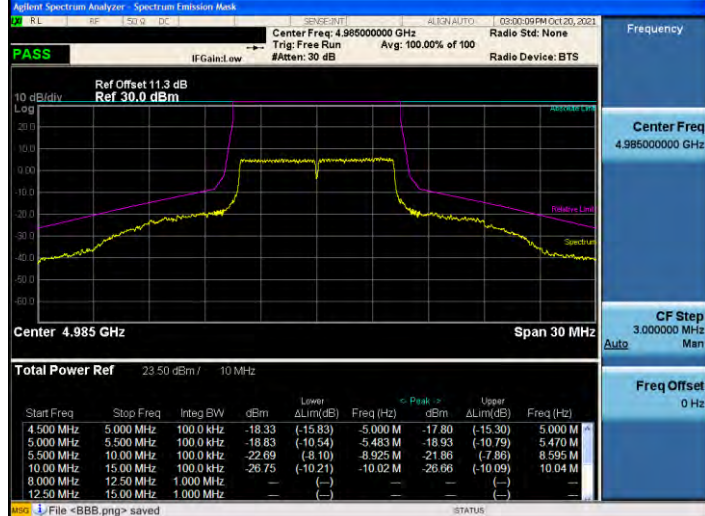
Mode 8: MIMO_10 MHz Continuous TX mode (Legacy) _ANT-0

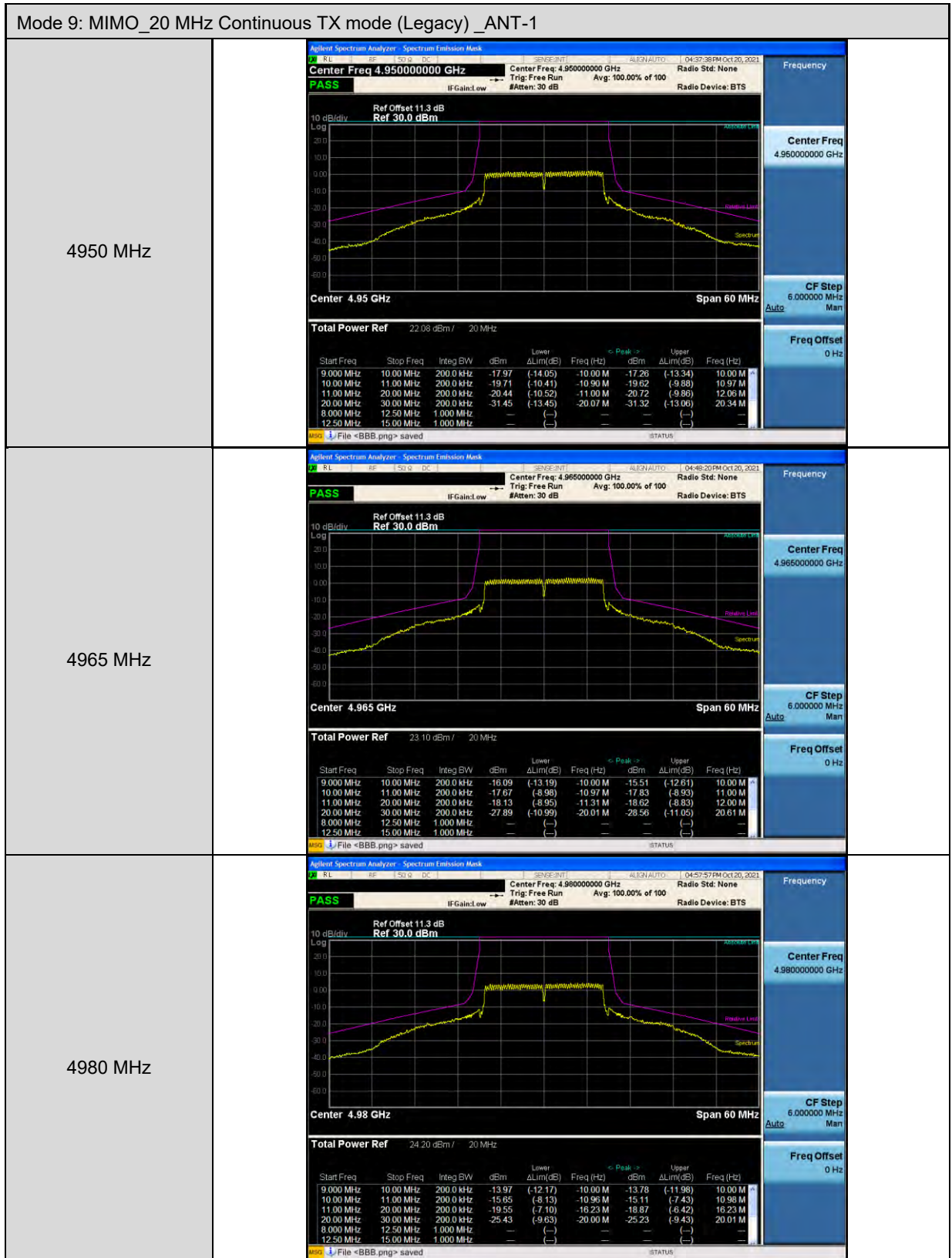
4945 MHz	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 150 kHz DC SENSE INT ALGN AUTO 02:12:14 PM Oct 20, 2021 PASS IF Gain: Low Trig: Free Run Avg: 100.00% of 100 Radio Device: BTS Center Freq: 4.945000000 GHz Radio Std: None Ref Offset 11.3 dB Ref 30.0 dBm 10 dB/div Log
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Mode 10: MIMO_5 MHz Continuous TX mode_ANT-0																																																																							
4942.5 MHz		Frequency Center Freq 4.942500000 GHz CF Step 1.500000 MHz Auto Man Freq Offset 0 Hz																																																																					
	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 4.942500000 GHz Trig: Free Run Avg: 100.00% of 100 Radio Std: None Radio Device: BTS Ref Offset 11.3 dB Ref 30.0 dBm Center 4.943 GHz Span 15 MHz Total Power Ref 22.62 dBm / 5 MHz <table><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>Peak</th><th>dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><tr><td>2.250 MHz</td><td>2.500 MHz</td><td>51.00 kHz</td><td>-16.62</td><td>(-13.25)</td><td>2.500 M</td><td>-17.36</td><td>(-13.98)</td><td>2.500 M</td><td></td></tr><tr><td>2.500 MHz</td><td>2.750 MHz</td><td>51.00 kHz</td><td>-16.85</td><td>(-7.48)</td><td>2.504 M</td><td>-18.23</td><td>(-8.85)</td><td>2.500 M</td><td></td></tr><tr><td>2.750 MHz</td><td>5.000 MHz</td><td>51.00 kHz</td><td>-19.75</td><td>(-5.64)</td><td>4.080 M</td><td>-22.79</td><td>(-7.41)</td><td>4.440 M</td><td></td></tr><tr><td>5.000 MHz</td><td>7.500 MHz</td><td>51.00 kHz</td><td>-25.68</td><td>(-8.23)</td><td>5.018 M</td><td>-27.59</td><td>(-9.63)</td><td>5.145 M</td><td></td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td><td></td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td><td></td></tr></table> File <BBB.png> saved STATUS	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak	dBm	Upper ΔLim(dB)	Freq (Hz)	2.250 MHz	2.500 MHz	51.00 kHz	-16.62	(-13.25)	2.500 M	-17.36	(-13.98)	2.500 M		2.500 MHz	2.750 MHz	51.00 kHz	-16.85	(-7.48)	2.504 M	-18.23	(-8.85)	2.500 M		2.750 MHz	5.000 MHz	51.00 kHz	-19.75	(-5.64)	4.080 M	-22.79	(-7.41)	4.440 M		5.000 MHz	7.500 MHz	51.00 kHz	-25.68	(-8.23)	5.018 M	-27.59	(-9.63)	5.145 M		8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—		12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—	
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	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 4.967500000 GHz Trig: Free Run Avg: 100.00% of 100 Radio Std: None Radio Device: BTS Ref Offset 11.3 dB Ref 30.0 dBm Center 4.968 GHz Span 15 MHz Total Power Ref 22.25 dBm / 5 MHz <table><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>Peak</th><th>dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><tr><td>2.250 MHz</td><td>2.500 MHz</td><td>51.00 kHz</td><td>-17.84</td><td>(-14.09)</td><td>2.500 M</td><td>-18.86</td><td>(-15.10)</td><td>2.500 M</td><td></td></tr><tr><td>2.500 MHz</td><td>2.750 MHz</td><td>51.00 kHz</td><td>-18.31</td><td>(-8.56)</td><td>2.503 M</td><td>-19.81</td><td>(-10.06)</td><td>2.565 M</td><td></td></tr><tr><td>2.750 MHz</td><td>5.000 MHz</td><td>51.00 kHz</td><td>-21.10</td><td>(-6.62)</td><td>4.080 M</td><td>-23.90</td><td>(-8.17)</td><td>4.433 M</td><td></td></tr><tr><td>5.000 MHz</td><td>7.500 MHz</td><td>51.00 kHz</td><td>-26.81</td><td>(-8.99)</td><td>5.018 M</td><td>-28.63</td><td>(-10.30)</td><td>5.145 M</td><td></td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td><td></td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td><td></td></tr></table> File <BBB.png> saved STATUS	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak	dBm	Upper ΔLim(dB)	Freq (Hz)	2.250 MHz	2.500 MHz	51.00 kHz	-17.84	(-14.09)	2.500 M	-18.86	(-15.10)	2.500 M		2.500 MHz	2.750 MHz	51.00 kHz	-18.31	(-8.56)	2.503 M	-19.81	(-10.06)	2.565 M		2.750 MHz	5.000 MHz	51.00 kHz	-21.10	(-6.62)	4.080 M	-23.90	(-8.17)	4.433 M		5.000 MHz	7.500 MHz	51.00 kHz	-26.81	(-8.99)	5.018 M	-28.63	(-10.30)	5.145 M		8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—		12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—	
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	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq 4.987500000 GHz Trig: Free Run Avg: 100.00% of 100 Radio Std: None Radio Device: BTS Ref Offset 11.3 dB Ref 30.0 dBm Center 4.988 GHz Span 15 MHz Total Power Ref 23.39 dBm / 5 MHz <table><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>Peak</th><th>dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><tr><td>2.250 MHz</td><td>2.500 MHz</td><td>51.00 kHz</td><td>-16.13</td><td>(-13.52)</td><td>2.500 M</td><td>-17.05</td><td>(-14.44)</td><td>2.500 M</td><td></td></tr><tr><td>2.500 MHz</td><td>2.750 MHz</td><td>51.00 kHz</td><td>-16.63</td><td>(-8.02)</td><td>2.508 M</td><td>-17.81</td><td>(-9.20)</td><td>2.500 M</td><td></td></tr><tr><td>2.750 MHz</td><td>5.000 MHz</td><td>51.00 kHz</td><td>-19.46</td><td>(-6.12)</td><td>4.080 M</td><td>-21.78</td><td>(-7.16)</td><td>4.440 M</td><td></td></tr><tr><td>5.000 MHz</td><td>7.500 MHz</td><td>51.00 kHz</td><td>-25.06</td><td>(-8.38)</td><td>5.018 M</td><td>-26.79</td><td>(-9.60)</td><td>5.145 M</td><td></td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td><td></td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td><td></td></tr></table> File <BBB.png> saved STATUS	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak	dBm	Upper ΔLim(dB)	Freq (Hz)	2.250 MHz	2.500 MHz	51.00 kHz	-16.13	(-13.52)	2.500 M	-17.05	(-14.44)	2.500 M		2.500 MHz	2.750 MHz	51.00 kHz	-16.63	(-8.02)	2.508 M	-17.81	(-9.20)	2.500 M		2.750 MHz	5.000 MHz	51.00 kHz	-19.46	(-6.12)	4.080 M	-21.78	(-7.16)	4.440 M		5.000 MHz	7.500 MHz	51.00 kHz	-25.06	(-8.38)	5.018 M	-26.79	(-9.60)	5.145 M		8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—		12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—	
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Mode 8: MIMO_10 MHz Continuous TX mode (Legacy) _ANT-1		
4945 MHz		Frequency Center Freq 4.945000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz
4965 MHz		Frequency Center Freq 4.965000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz
4985 MHz		Frequency Center Freq 4.985000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz

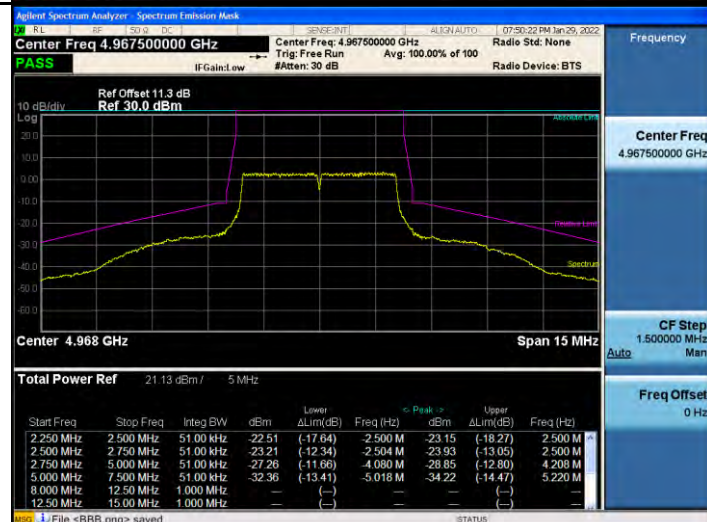


Mode 10: MIMO_5 MHz Continuous TX mode_ANT-1

4942.5 MHz



4967.5 MHz



4987.5 MHz



Mode 11: MIMO_10 MHz Continuous TX mode_ANT-1		
4945 MHz		Frequency Center Freq 4.945000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz
4965 MHz		Frequency Center Freq 4.965000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz
4985 MHz		Frequency Center Freq 4.985000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz

Module: RJ-1705

Test Graphs

Mode 1: SISO_5 MHz Continuous TX mode (Legacy) _ANT-0

4942.5 MHz



4967.5 MHz



4987.5 MHz



Mode 2: SISO_10 MHz Continuous TX mode (Legacy)_ANT-0

4945 MHz	Agilent Spectrum Analyzer - Spectrum Emission Mask RF 1.50 GHz DC SENSE:RTN ALIGN: AUTO 08:40:58 PM Nov 01, 2021 PASS IF Gain: Low #Atten: 30 dB Avg: 100.00% of 100 Radio Std: None Radio Device: BTS Center Freq: 4.945000000 GHz Trig: Free Run Ref Offset 12 dB Ref 30.0 dBm 10 dB/div Log 20.0 10.0 0.0 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 4.945 GHz Span 30 MHz Total Power Ref 23.47 dBm / 10 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>Peak</th><th>dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>4.500 MHz</td><td>5.000 MHz</td><td>100.0 kHz</td><td>-15.60</td><td>(-13.08)</td><td>-5.000 M</td><td>-15.60</td><td>(-13.07)</td><td>5.000 M</td><td></td></tr><tr><td>5.000 MHz</td><td>5.500 MHz</td><td>100.0 kHz</td><td>-16.36</td><td>(-8.01)</td><td>-5.485 M</td><td>-16.04</td><td>(-7.84)</td><td>5.473 M</td><td></td></tr><tr><td>5.500 MHz</td><td>10.00 MHz</td><td>100.0 kHz</td><td>-18.36</td><td>(-5.18)</td><td>-8.115 M</td><td>-18.43</td><td>(-4.85)</td><td>8.340 M</td><td></td></tr><tr><td>10.00 MHz</td><td>15.00 MHz</td><td>100.0 kHz</td><td>-23.89</td><td>(-7.30)</td><td>-10.00 M</td><td>-23.42</td><td>(-6.86)</td><td>10.02 M</td><td></td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td><td></td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td><td></td></tr></tbody></table> MSG STATUS Frequency Center Freq 4.945000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak	dBm	Upper ΔLim(dB)	Freq (Hz)	4.500 MHz	5.000 MHz	100.0 kHz	-15.60	(-13.08)	-5.000 M	-15.60	(-13.07)	5.000 M		5.000 MHz	5.500 MHz	100.0 kHz	-16.36	(-8.01)	-5.485 M	-16.04	(-7.84)	5.473 M		5.500 MHz	10.00 MHz	100.0 kHz	-18.36	(-5.18)	-8.115 M	-18.43	(-4.85)	8.340 M		10.00 MHz	15.00 MHz	100.0 kHz	-23.89	(-7.30)	-10.00 M	-23.42	(-6.86)	10.02 M		8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—		12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—	
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4965 MHz	Agilent Spectrum Analyzer - Spectrum Emission Mask RF 1.50 GHz DC SENSE:RTN ALIGN: AUTO 08:49:30 PM Nov 01, 2021 PASS IF Gain: Low #Atten: 30 dB Avg: 100.00% of 100 Radio Std: None Radio Device: BTS Center Freq: 4.965000000 GHz Trig: Free Run Ref Offset 12 dB Ref 30.0 dBm 10 dB/div Log 20.0 10.0 0.0 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 4.965 GHz Span 30 MHz Total Power Ref 23.92 dBm / 10 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>Peak</th><th>dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>4.500 MHz</td><td>5.000 MHz</td><td>100.0 kHz</td><td>-14.47</td><td>(-12.39)</td><td>-5.000 M</td><td>-14.59</td><td>(-12.51)</td><td>5.000 M</td><td></td></tr><tr><td>5.000 MHz</td><td>5.500 MHz</td><td>100.0 kHz</td><td>-15.19</td><td>(-7.52)</td><td>-5.465 M</td><td>-15.43</td><td>(-7.55)</td><td>5.483 M</td><td></td></tr><tr><td>5.500 MHz</td><td>10.00 MHz</td><td>100.0 kHz</td><td>-19.29</td><td>(-5.15)</td><td>-8.910 M</td><td>-18.33</td><td>(-4.16)</td><td>8.925 M</td><td></td></tr><tr><td>10.00 MHz</td><td>15.00 MHz</td><td>100.0 kHz</td><td>-23.42</td><td>(-7.33)</td><td>-10.01 M</td><td>-22.73</td><td>(-6.61)</td><td>10.02 M</td><td></td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td><td></td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td><td></td></tr></tbody></table> MSG STATUS Frequency Center Freq 4.965000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak	dBm	Upper ΔLim(dB)	Freq (Hz)	4.500 MHz	5.000 MHz	100.0 kHz	-14.47	(-12.39)	-5.000 M	-14.59	(-12.51)	5.000 M		5.000 MHz	5.500 MHz	100.0 kHz	-15.19	(-7.52)	-5.465 M	-15.43	(-7.55)	5.483 M		5.500 MHz	10.00 MHz	100.0 kHz	-19.29	(-5.15)	-8.910 M	-18.33	(-4.16)	8.925 M		10.00 MHz	15.00 MHz	100.0 kHz	-23.42	(-7.33)	-10.01 M	-22.73	(-6.61)	10.02 M		8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—		12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—	
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5.000 MHz	5.500 MHz	100.0 kHz	-15.19	(-7.52)	-5.465 M	-15.43	(-7.55)	5.483 M																																																															
5.500 MHz	10.00 MHz	100.0 kHz	-19.29	(-5.15)	-8.910 M	-18.33	(-4.16)	8.925 M																																																															
10.00 MHz	15.00 MHz	100.0 kHz	-23.42	(-7.33)	-10.01 M	-22.73	(-6.61)	10.02 M																																																															
8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																															
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																															
4985 MHz	Agilent Spectrum Analyzer - Spectrum Emission Mask RF 1.50 GHz DC SENSE:RTN ALIGN: AUTO 09:22:38 PM Nov 01, 2021 PASS IF Gain: Low #Atten: 30 dB Avg: 100.00% of 100 Radio Std: None Radio Device: BTS Center Freq: 4.985000000 GHz Trig: Free Run Ref Offset 12 dB Ref 30.0 dBm 10 dB/div Log 20.0 10.0 0.0 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 4.985 GHz Span 30 MHz Total Power Ref 23.92 dBm / 10 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>Peak</th><th>dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>4.500 MHz</td><td>5.000 MHz</td><td>100.0 kHz</td><td>-15.82</td><td>(-13.74)</td><td>-5.000 M</td><td>-14.37</td><td>(-12.29)</td><td>5.000 M</td><td></td></tr><tr><td>5.000 MHz</td><td>5.500 MHz</td><td>100.0 kHz</td><td>-15.93</td><td>(-8.33)</td><td>-5.460 M</td><td>-16.25</td><td>(-8.23)</td><td>5.495 M</td><td></td></tr><tr><td>5.500 MHz</td><td>10.00 MHz</td><td>100.0 kHz</td><td>-18.41</td><td>(-5.72)</td><td>-8.100 M</td><td>-18.53</td><td>(-4.37)</td><td>8.925 M</td><td></td></tr><tr><td>10.00 MHz</td><td>15.00 MHz</td><td>100.0 kHz</td><td>-24.22</td><td>(-8.08)</td><td>-10.04 M</td><td>-23.24</td><td>(-7.13)</td><td>10.02 M</td><td></td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td><td></td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td><td></td></tr></tbody></table> MSG STATUS Frequency Center Freq 4.985000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak	dBm	Upper ΔLim(dB)	Freq (Hz)	4.500 MHz	5.000 MHz	100.0 kHz	-15.82	(-13.74)	-5.000 M	-14.37	(-12.29)	5.000 M		5.000 MHz	5.500 MHz	100.0 kHz	-15.93	(-8.33)	-5.460 M	-16.25	(-8.23)	5.495 M		5.500 MHz	10.00 MHz	100.0 kHz	-18.41	(-5.72)	-8.100 M	-18.53	(-4.37)	8.925 M		10.00 MHz	15.00 MHz	100.0 kHz	-24.22	(-8.08)	-10.04 M	-23.24	(-7.13)	10.02 M		8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—		12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—	
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak	dBm	Upper ΔLim(dB)	Freq (Hz)																																																														
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8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																															
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																															

Mode 3: SISO_20 MHz Continuous TX mode (Legacy) _ANT-0

4950 MHz	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq: 4.950000000 GHz Trig: Free Run IF Gain: Low Attenu: 30 dB Avg: 100.00% of 100 Radio Std: None Radio Device: BTS Ref Offset 12 dB Ref 30.0 dBm 10 dB/div Log Center 4.95 GHz Span 60 MHz Total Power Ref 23.89 dBm / 20 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>9.000 MHz</td><td>10.00 MHz</td><td>200.0 kHz</td><td>-15.51</td><td>(-13.41)</td><td>-10.00 M</td><td>-13.37</td><td>(-11.27)</td><td>10.00 M</td></tr><tr><td>10.00 MHz</td><td>11.00 MHz</td><td>200.0 kHz</td><td>-13.75</td><td>(-6.27)</td><td>-10.90 M</td><td>-13.32</td><td>(-5.22)</td><td>11.00 M</td></tr><tr><td>11.00 MHz</td><td>20.00 MHz</td><td>200.0 kHz</td><td>-17.62</td><td>(-4.82)</td><td>-16.29 M</td><td>-17.81</td><td>(-3.93)</td><td>17.49 M</td></tr><tr><td>20.00 MHz</td><td>30.00 MHz</td><td>200.0 kHz</td><td>-23.85</td><td>(-7.74)</td><td>-20.01 M</td><td>-22.97</td><td>(-6.86)</td><td>20.00 M</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>(—)</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>(—)</td><td>(—)</td><td>—</td></tr></tbody></table>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	9.000 MHz	10.00 MHz	200.0 kHz	-15.51	(-13.41)	-10.00 M	-13.37	(-11.27)	10.00 M	10.00 MHz	11.00 MHz	200.0 kHz	-13.75	(-6.27)	-10.90 M	-13.32	(-5.22)	11.00 M	11.00 MHz	20.00 MHz	200.0 kHz	-17.62	(-4.82)	-16.29 M	-17.81	(-3.93)	17.49 M	20.00 MHz	30.00 MHz	200.0 kHz	-23.85	(-7.74)	-20.01 M	-22.97	(-6.86)	20.00 M	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	(—)	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	(—)	(—)	—	Frequency Center Freq 4.95000000 GHz CF Step 6.000000 MHz Auto Freq Offset 0 Hz
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																									
9.000 MHz	10.00 MHz	200.0 kHz	-15.51	(-13.41)	-10.00 M	-13.37	(-11.27)	10.00 M																																																									
10.00 MHz	11.00 MHz	200.0 kHz	-13.75	(-6.27)	-10.90 M	-13.32	(-5.22)	11.00 M																																																									
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8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	(—)	(—)	—																																																									
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	(—)	(—)	—																																																									
4965 MHz	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq: 4.965000000 GHz Trig: Free Run IF Gain: Low Attenu: 30 dB Avg: 100.00% of 100 Radio Std: None Radio Device: BTS Ref Offset 12 dB Ref 30.0 dBm 10 dB/div Log Center 4.965 GHz Span 60 MHz Total Power Ref 23.97 dBm / 20 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>9.000 MHz</td><td>10.00 MHz</td><td>200.0 kHz</td><td>-15.32</td><td>(-13.29)</td><td>-10.00 M</td><td>-14.21</td><td>(-12.18)</td><td>10.00 M</td></tr><tr><td>10.00 MHz</td><td>11.00 MHz</td><td>200.0 kHz</td><td>-14.33</td><td>(-6.68)</td><td>-10.94 M</td><td>-13.14</td><td>(-5.43)</td><td>10.95 M</td></tr><tr><td>11.00 MHz</td><td>20.00 MHz</td><td>200.0 kHz</td><td>-18.20</td><td>(-5.49)</td><td>-16.26 M</td><td>-17.05</td><td>(-4.08)</td><td>16.56 M</td></tr><tr><td>20.00 MHz</td><td>30.00 MHz</td><td>200.0 kHz</td><td>-23.76</td><td>(-7.69)</td><td>-20.04 M</td><td>-23.82</td><td>(-7.11)</td><td>20.07 M</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>(—)</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>(—)</td><td>(—)</td><td>—</td></tr></tbody></table>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	9.000 MHz	10.00 MHz	200.0 kHz	-15.32	(-13.29)	-10.00 M	-14.21	(-12.18)	10.00 M	10.00 MHz	11.00 MHz	200.0 kHz	-14.33	(-6.68)	-10.94 M	-13.14	(-5.43)	10.95 M	11.00 MHz	20.00 MHz	200.0 kHz	-18.20	(-5.49)	-16.26 M	-17.05	(-4.08)	16.56 M	20.00 MHz	30.00 MHz	200.0 kHz	-23.76	(-7.69)	-20.04 M	-23.82	(-7.11)	20.07 M	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	(—)	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	(—)	(—)	—	Frequency Center Freq 4.96500000 GHz CF Step 6.000000 MHz Auto Freq Offset 0 Hz
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																									
9.000 MHz	10.00 MHz	200.0 kHz	-15.32	(-13.29)	-10.00 M	-14.21	(-12.18)	10.00 M																																																									
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12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	(—)	(—)	—																																																									
4980 MHz	Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq: 4.980000000 GHz Trig: Free Run IF Gain: Low Attenu: 30 dB Avg: 100.00% of 100 Radio Std: None Radio Device: BTS Ref Offset 12 dB Ref 30.0 dBm 10 dB/div Log Center 4.98 GHz Span 60 MHz Total Power Ref 24.02 dBm / 20 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>9.000 MHz</td><td>10.00 MHz</td><td>200.0 kHz</td><td>-16.43</td><td>(-14.45)</td><td>-10.00 M</td><td>-14.38</td><td>(-12.41)</td><td>10.00 M</td></tr><tr><td>10.00 MHz</td><td>11.00 MHz</td><td>200.0 kHz</td><td>-14.87</td><td>(-7.35)</td><td>-10.93 M</td><td>-13.85</td><td>(-6.06)</td><td>10.97 M</td></tr><tr><td>11.00 MHz</td><td>20.00 MHz</td><td>200.0 kHz</td><td>-18.90</td><td>(-6.25)</td><td>-16.26 M</td><td>-16.99</td><td>(-4.90)</td><td>15.63 M</td></tr><tr><td>20.00 MHz</td><td>30.00 MHz</td><td>200.0 kHz</td><td>-24.93</td><td>(-8.96)</td><td>-20.00 M</td><td>-23.27</td><td>(-7.28)</td><td>20.01 M</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>(—)</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>(—)</td><td>(—)</td><td>—</td></tr></tbody></table>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	9.000 MHz	10.00 MHz	200.0 kHz	-16.43	(-14.45)	-10.00 M	-14.38	(-12.41)	10.00 M	10.00 MHz	11.00 MHz	200.0 kHz	-14.87	(-7.35)	-10.93 M	-13.85	(-6.06)	10.97 M	11.00 MHz	20.00 MHz	200.0 kHz	-18.90	(-6.25)	-16.26 M	-16.99	(-4.90)	15.63 M	20.00 MHz	30.00 MHz	200.0 kHz	-24.93	(-8.96)	-20.00 M	-23.27	(-7.28)	20.01 M	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	(—)	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	(—)	(—)	—	Frequency Center Freq 4.98000000 GHz CF Step 6.000000 MHz Auto Freq Offset 0 Hz
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																									
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8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	(—)	(—)	—																																																									
12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	(—)	(—)	—																																																									

Mode 4: SISO_5 MHz Continuous TX mode_ANT-0

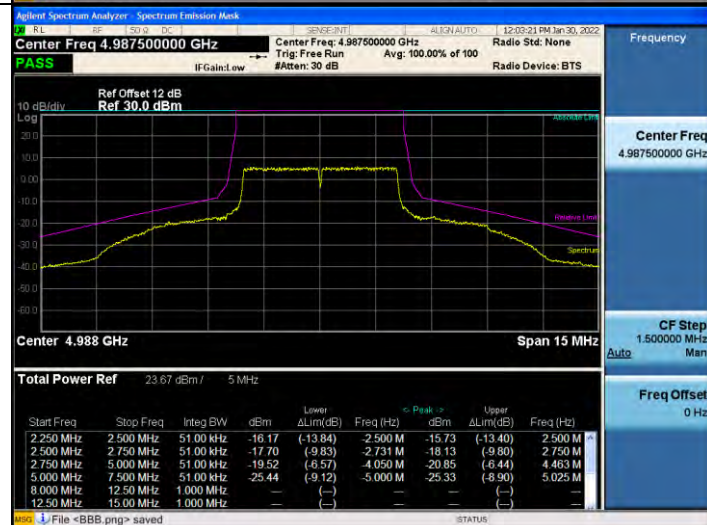
4942.5 MHz



4967.5 MHz



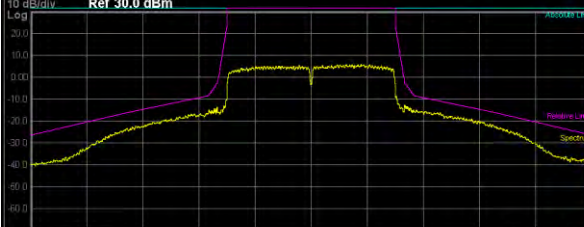
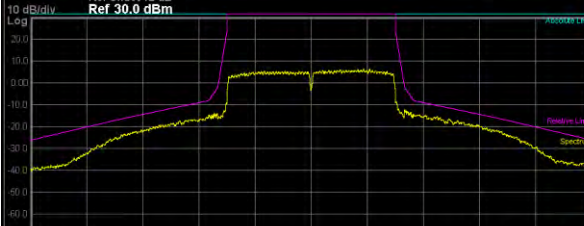
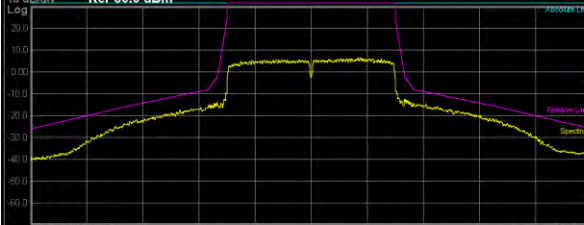
4987.5 MHz



Mode 5: SISO_10 MHz Continuous TX mode_ANT-0

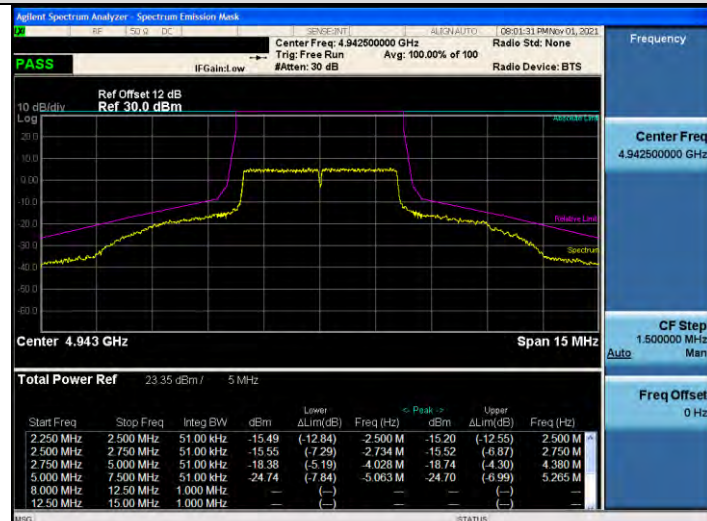
4945 MHz	
4965 MHz	
4985 MHz	

Mode 6: SISO_20 MHz Continuous TX mode_ANT-0

4950 MHz	Agilent Spectrum Analyzer - Spectrum Emission Mask 49 50 51 52 SENSE: BW ALIM: AUTO 10:24:50 PM Nov 01, 2021 PASS IF Gain: Low Center Freq: 4.950000000 GHz Trig: Free Run Avg: 100.00% of 100 Radio Std: None Radio Device: BTS Ref Offset 12 dB Ref 30.0 dBm  Center 4.95 GHz Span 60 MHz Total Power Ref 23.51 dBm / 20 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>9.000 MHz</td><td>10.00 MHz</td><td>200.0 kHz</td><td>-16.57</td><td>(-14.08)</td><td>-10.00 M</td><td>-15.43</td><td>(-12.94)</td><td>10.00 M</td></tr><tr><td>10.00 MHz</td><td>11.00 MHz</td><td>200.0 kHz</td><td>-14.93</td><td>(-7.04)</td><td>-10.90 M</td><td>-14.87</td><td>(-6.65)</td><td>10.96 M</td></tr><tr><td>11.00 MHz</td><td>20.00 MHz</td><td>200.0 kHz</td><td>-19.28</td><td>(-6.75)</td><td>-15.54 M</td><td>-19.02</td><td>(-5.05)</td><td>17.16 M</td></tr><tr><td>20.00 MHz</td><td>30.00 MHz</td><td>200.0 kHz</td><td>-24.28</td><td>(-7.68)</td><td>-20.10 M</td><td>-23.12</td><td>(-6.37)</td><td>20.25 M</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>(—)</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>(—)</td><td>(—)</td><td>—</td></tr></tbody></table> Frequency Center Freq 4.950000000 GHz CF Step 6.000000 MHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	9.000 MHz	10.00 MHz	200.0 kHz	-16.57	(-14.08)	-10.00 M	-15.43	(-12.94)	10.00 M	10.00 MHz	11.00 MHz	200.0 kHz	-14.93	(-7.04)	-10.90 M	-14.87	(-6.65)	10.96 M	11.00 MHz	20.00 MHz	200.0 kHz	-19.28	(-6.75)	-15.54 M	-19.02	(-5.05)	17.16 M	20.00 MHz	30.00 MHz	200.0 kHz	-24.28	(-7.68)	-20.10 M	-23.12	(-6.37)	20.25 M	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	(—)	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	(—)	(—)	—
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)																																																								
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4965 MHz	Agilent Spectrum Analyzer - Spectrum Emission Mask 49 50 51 52 SENSE: BW ALIM: AUTO 10:26:33 PM Nov 01, 2021 PASS IF Gain: Low Center Freq: 4.965000000 GHz Trig: Free Run Avg: 100.00% of 100 Radio Std: None Radio Device: BTS Ref Offset 12 dB Ref 30.0 dBm  Center 4.965 GHz Span 60 MHz Total Power Ref 23.80 dBm / 20 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>9.000 MHz</td><td>10.00 MHz</td><td>200.0 kHz</td><td>-15.97</td><td>(-13.77)</td><td>-10.00 M</td><td>-14.79</td><td>(-12.58)</td><td>10.00 M</td></tr><tr><td>10.00 MHz</td><td>11.00 MHz</td><td>200.0 kHz</td><td>-14.55</td><td>(-6.83)</td><td>-10.92 M</td><td>-14.38</td><td>(-6.30)</td><td>10.98 M</td></tr><tr><td>11.00 MHz</td><td>20.00 MHz</td><td>200.0 kHz</td><td>-19.90</td><td>(-6.52)</td><td>-16.83 M</td><td>-17.24</td><td>(-4.92)</td><td>15.63 M</td></tr><tr><td>20.00 MHz</td><td>30.00 MHz</td><td>200.0 kHz</td><td>-23.78</td><td>(-7.30)</td><td>-20.28 M</td><td>-21.77</td><td>(-5.53)</td><td>20.04 M</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>(—)</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>(—)</td><td>(—)</td><td>—</td></tr></tbody></table> Frequency Center Freq 4.965000000 GHz CF Step 6.000000 MHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	9.000 MHz	10.00 MHz	200.0 kHz	-15.97	(-13.77)	-10.00 M	-14.79	(-12.58)	10.00 M	10.00 MHz	11.00 MHz	200.0 kHz	-14.55	(-6.83)	-10.92 M	-14.38	(-6.30)	10.98 M	11.00 MHz	20.00 MHz	200.0 kHz	-19.90	(-6.52)	-16.83 M	-17.24	(-4.92)	15.63 M	20.00 MHz	30.00 MHz	200.0 kHz	-23.78	(-7.30)	-20.28 M	-21.77	(-5.53)	20.04 M	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	(—)	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	(—)	(—)	—
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4980 MHz	Agilent Spectrum Analyzer - Spectrum Emission Mask 49 50 51 52 SENSE: BW ALIM: AUTO 10:28:24 PM Nov 01, 2021 PASS IF Gain: Low Center Freq: 4.980000000 GHz Trig: Free Run Avg: 100.00% of 100 Radio Std: None Radio Device: BTS Ref Offset 12 dB Ref 30.0 dBm  Center 4.98 GHz Span 60 MHz Total Power Ref 23.90 dBm / 20 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>9.000 MHz</td><td>10.00 MHz</td><td>200.0 kHz</td><td>-16.05</td><td>(-13.96)</td><td>-10.00 M</td><td>-14.57</td><td>(-12.47)</td><td>10.00 M</td></tr><tr><td>10.00 MHz</td><td>11.00 MHz</td><td>200.0 kHz</td><td>-14.91</td><td>(-7.56)</td><td>-10.88 M</td><td>-14.28</td><td>(-6.46)</td><td>10.96 M</td></tr><tr><td>11.00 MHz</td><td>20.00 MHz</td><td>200.0 kHz</td><td>-17.61</td><td>(-6.84)</td><td>-14.01 M</td><td>-17.70</td><td>(-5.47)</td><td>15.66 M</td></tr><tr><td>20.00 MHz</td><td>30.00 MHz</td><td>200.0 kHz</td><td>-23.86</td><td>(-7.75)</td><td>-20.01 M</td><td>-22.63</td><td>(-6.28)</td><td>20.25 M</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>(—)</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>(—)</td><td>(—)</td><td>—</td></tr></tbody></table> Frequency Center Freq 4.980000000 GHz CF Step 6.000000 MHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	9.000 MHz	10.00 MHz	200.0 kHz	-16.05	(-13.96)	-10.00 M	-14.57	(-12.47)	10.00 M	10.00 MHz	11.00 MHz	200.0 kHz	-14.91	(-7.56)	-10.88 M	-14.28	(-6.46)	10.96 M	11.00 MHz	20.00 MHz	200.0 kHz	-17.61	(-6.84)	-14.01 M	-17.70	(-5.47)	15.66 M	20.00 MHz	30.00 MHz	200.0 kHz	-23.86	(-7.75)	-20.01 M	-22.63	(-6.28)	20.25 M	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	(—)	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	(—)	(—)	—
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Mode 7: MIMO_5 MHz Continuous TX mode (Legacy) _ANT-0

4942.5 MHz



4967.5 MHz



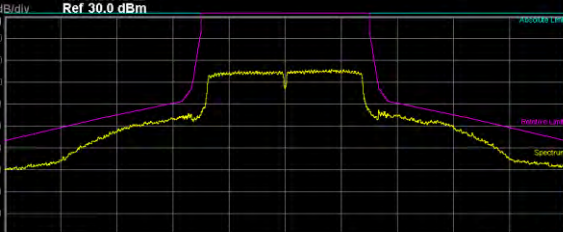
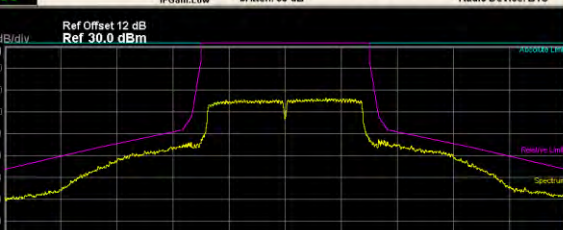
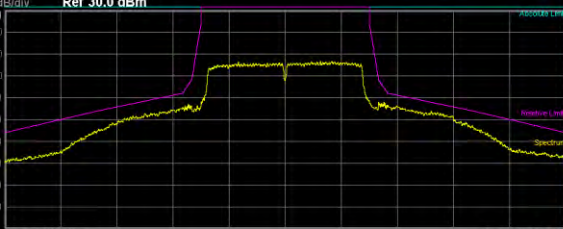
4987.5 MHz

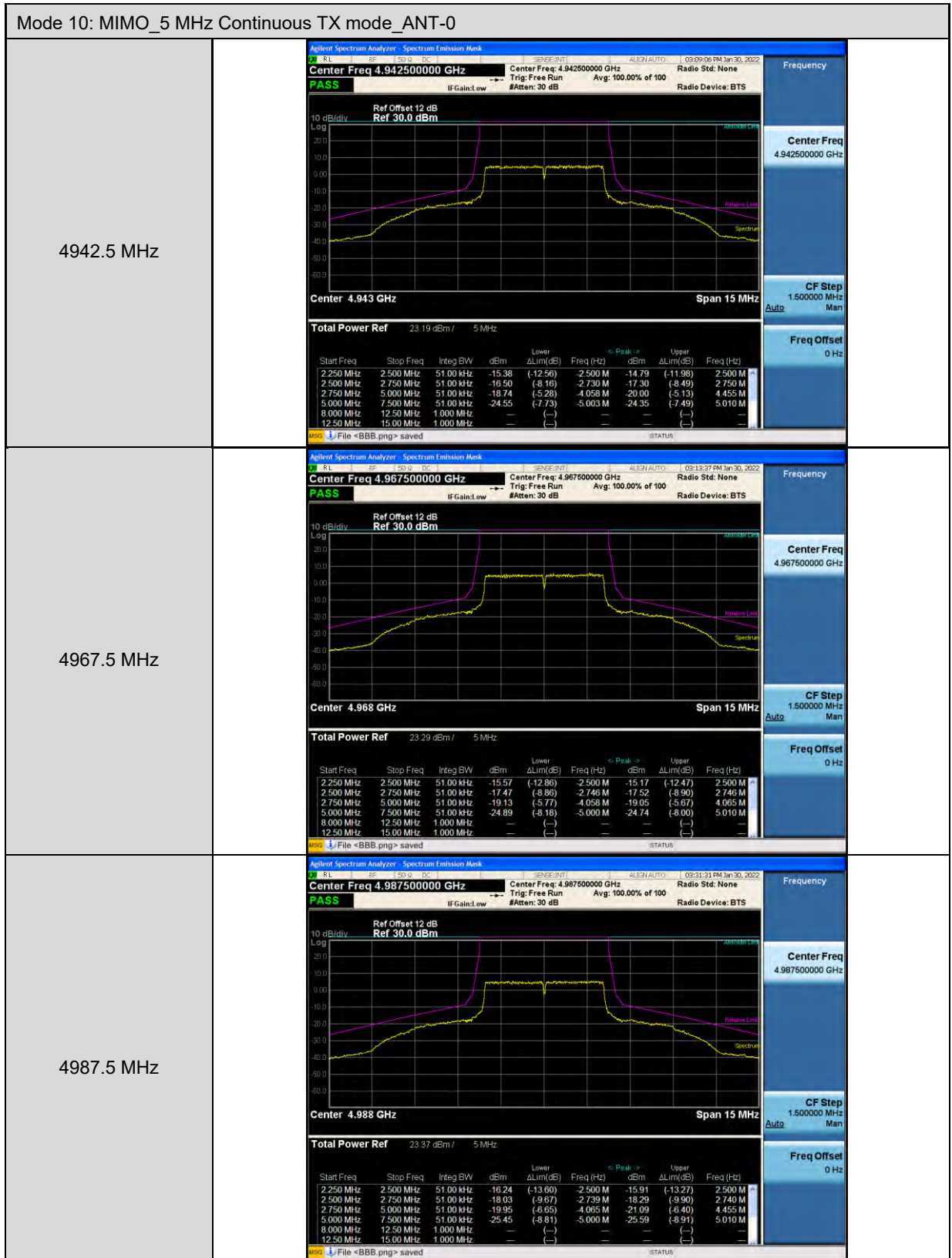


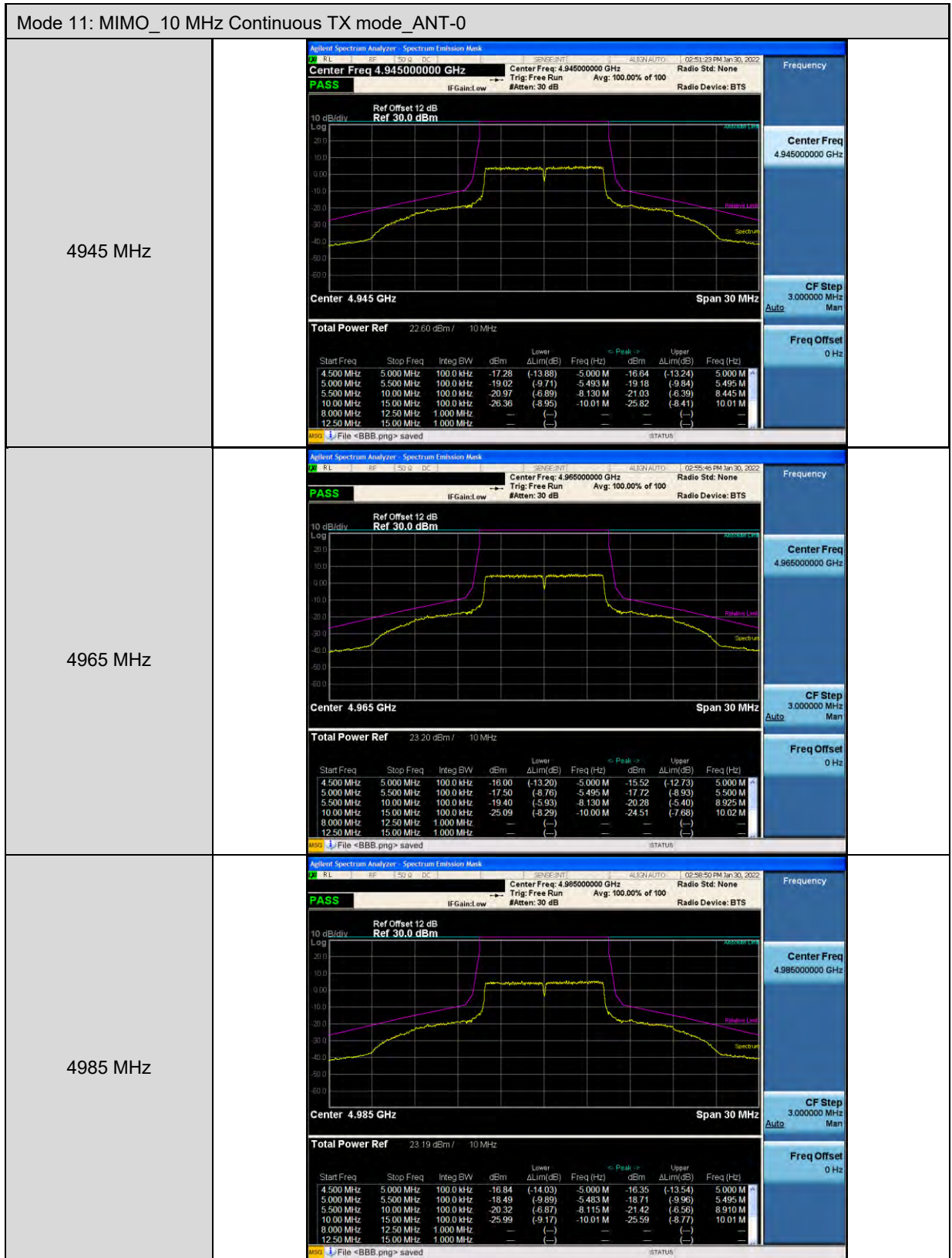
Mode 8: MIMO_10 MHz Continuous TX mode (Legacy) _ANT-0

4945 MHz	Agilent Spectrum Analyzer - Spectrum Emission Mask SENSE:INT REF 150 DC IF Gain: Low Attenuation: 30 dB Center Freq: 4.945000000 GHz Trig: Free Run Avg: 100.00% of 100 Radio Std: None Radio Device: BTS 09:28:45 PM Nov 01, 2021 Frequency Center Freq 4.945000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz 10 dB/div Log Ref Offset 12 dB Ref 30.0 dBm Relative Limit Spectrum Center 4.945 GHz Span 30 MHz Total Power Ref 23.71 dBm / 10 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>Peak dSm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>4.500 MHz</td><td>5.000 MHz</td><td>100.0 kHz</td><td>-14.12</td><td>(-11.83)</td><td>-5.000 M</td><td>-13.77</td><td>(-11.48)</td><td>5.000 M</td></tr><tr><td>5.000 MHz</td><td>5.500 MHz</td><td>100.0 kHz</td><td>-14.16</td><td>(-6.14)</td><td>-5.478 M</td><td>-14.56</td><td>(-6.37)</td><td>5.493 M</td></tr><tr><td>5.500 MHz</td><td>10.00 MHz</td><td>100.0 kHz</td><td>-17.37</td><td>(-4.43)</td><td>-8.115 M</td><td>-17.51</td><td>(-3.14)</td><td>8.925 M</td></tr><tr><td>10.00 MHz</td><td>15.00 MHz</td><td>100.0 kHz</td><td>-23.12</td><td>(-6.76)</td><td>-10.04 M</td><td>-23.87</td><td>(-6.32)</td><td>10.64 M</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak dSm	Upper ΔLim(dB)	Freq (Hz)	4.500 MHz	5.000 MHz	100.0 kHz	-14.12	(-11.83)	-5.000 M	-13.77	(-11.48)	5.000 M	5.000 MHz	5.500 MHz	100.0 kHz	-14.16	(-6.14)	-5.478 M	-14.56	(-6.37)	5.493 M	5.500 MHz	10.00 MHz	100.0 kHz	-17.37	(-4.43)	-8.115 M	-17.51	(-3.14)	8.925 M	10.00 MHz	15.00 MHz	100.0 kHz	-23.12	(-6.76)	-10.04 M	-23.87	(-6.32)	10.64 M	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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4965 MHz	Agilent Spectrum Analyzer - Spectrum Emission Mask SENSE:INT REF 150 DC IF Gain: Low Attenuation: 30 dB Center Freq: 4.965000000 GHz Trig: Free Run Avg: 100.00% of 100 Radio Std: None Radio Device: BTS 09:30:46 PM Nov 01, 2021 Frequency Center Freq 4.965000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz 10 dB/div Log Ref Offset 12 dB Ref 30.0 dBm Relative Limit Spectrum Center 4.965 GHz Span 30 MHz Total Power Ref 23.73 dBm / 10 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>Peak dSm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>4.500 MHz</td><td>5.000 MHz</td><td>100.0 kHz</td><td>-14.87</td><td>(-12.60)</td><td>-5.000 M</td><td>-14.34</td><td>(-12.07)</td><td>5.000 M</td></tr><tr><td>5.000 MHz</td><td>5.500 MHz</td><td>100.0 kHz</td><td>-15.61</td><td>(-7.70)</td><td>-5.470 M</td><td>-15.78</td><td>(-7.52)</td><td>5.500 M</td></tr><tr><td>5.500 MHz</td><td>10.00 MHz</td><td>100.0 kHz</td><td>-18.31</td><td>(-5.48)</td><td>-8.070 M</td><td>-17.24</td><td>(-4.29)</td><td>8.130 M</td></tr><tr><td>10.00 MHz</td><td>15.00 MHz</td><td>100.0 kHz</td><td>-24.39</td><td>(-8.12)</td><td>-10.00 M</td><td>-23.65</td><td>(-7.39)</td><td>10.00 M</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak dSm	Upper ΔLim(dB)	Freq (Hz)	4.500 MHz	5.000 MHz	100.0 kHz	-14.87	(-12.60)	-5.000 M	-14.34	(-12.07)	5.000 M	5.000 MHz	5.500 MHz	100.0 kHz	-15.61	(-7.70)	-5.470 M	-15.78	(-7.52)	5.500 M	5.500 MHz	10.00 MHz	100.0 kHz	-18.31	(-5.48)	-8.070 M	-17.24	(-4.29)	8.130 M	10.00 MHz	15.00 MHz	100.0 kHz	-24.39	(-8.12)	-10.00 M	-23.65	(-7.39)	10.00 M	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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4985 MHz	Agilent Spectrum Analyzer - Spectrum Emission Mask SENSE:INT REF 150 DC IF Gain: Low Attenuation: 30 dB Center Freq: 4.985000000 GHz Trig: Free Run Avg: 100.00% of 100 Radio Std: None Radio Device: BTS 09:32:17 PM Nov 01, 2021 Frequency Center Freq 4.985000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz 10 dB/div Log Ref Offset 12 dB Ref 30.0 dBm Relative Limit Spectrum Center 4.985 GHz Span 30 MHz Total Power Ref 23.69 dBm / 10 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>Peak dSm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>4.500 MHz</td><td>5.000 MHz</td><td>100.0 kHz</td><td>-16.37</td><td>(-14.06)</td><td>-5.000 M</td><td>-15.53</td><td>(-13.22)</td><td>5.000 M</td></tr><tr><td>5.000 MHz</td><td>5.500 MHz</td><td>100.0 kHz</td><td>-17.07</td><td>(-9.03)</td><td>-5.478 M</td><td>-17.46</td><td>(-9.15)</td><td>5.500 M</td></tr><tr><td>5.500 MHz</td><td>10.00 MHz</td><td>100.0 kHz</td><td>-19.01</td><td>(-6.03)</td><td>-8.130 M</td><td>-20.09</td><td>(-5.67)</td><td>8.940 M</td></tr><tr><td>10.00 MHz</td><td>15.00 MHz</td><td>100.0 kHz</td><td>-25.54</td><td>(-8.98)</td><td>-10.13 M</td><td>-23.96</td><td>(-7.65)</td><td>10.00 M</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak dSm	Upper ΔLim(dB)	Freq (Hz)	4.500 MHz	5.000 MHz	100.0 kHz	-16.37	(-14.06)	-5.000 M	-15.53	(-13.22)	5.000 M	5.000 MHz	5.500 MHz	100.0 kHz	-17.07	(-9.03)	-5.478 M	-17.46	(-9.15)	5.500 M	5.500 MHz	10.00 MHz	100.0 kHz	-19.01	(-6.03)	-8.130 M	-20.09	(-5.67)	8.940 M	10.00 MHz	15.00 MHz	100.0 kHz	-25.54	(-8.98)	-10.13 M	-23.96	(-7.65)	10.00 M	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																								

Mode 9: MIMO_20 MHz Continuous TX mode (Legacy) _ANT-0

4950 MHz	Agilent Spectrum Analyzer - Spectrum Emission Mask RF 1 50.0 DC 1 SEFSE INT ALIGN AUTO 10:38:38 PM Nov 01, 2021 PASS IF Gain: Low Center Freq: 4.950000000 GHz Trig: Free Run Avg: 100.00% of 100 Radio Std: None Radio Device: BTS Ref Offset 12 dB Ref 30.0 dBm 10 dB/div Log  Center 4.95 GHz Span 60 MHz Total Power Ref 23.27 dBm / 20 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>9.000 MHz</td><td>10.00 MHz</td><td>200.0 kHz</td><td>-17.09</td><td>(-14.36)</td><td>-10.00 M</td><td>-15.49</td><td>(-12.76)</td><td>10.00 M</td></tr><tr><td>10.00 MHz</td><td>11.00 MHz</td><td>200.0 kHz</td><td>-15.31</td><td>(-7.03)</td><td>-10.93 M</td><td>-14.48</td><td>(-6.05)</td><td>10.95 M</td></tr><tr><td>11.00 MHz</td><td>20.00 MHz</td><td>200.0 kHz</td><td>-19.33</td><td>(-5.89)</td><td>-16.29 M</td><td>-17.51</td><td>(-4.08)</td><td>16.29 M</td></tr><tr><td>20.00 MHz</td><td>30.00 MHz</td><td>200.0 kHz</td><td>-25.19</td><td>(-8.46)</td><td>-20.00 M</td><td>-23.26</td><td>(-6.52)</td><td>20.01 M</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>(—)</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>(—)</td><td>(—)</td><td>—</td></tr></tbody></table>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	9.000 MHz	10.00 MHz	200.0 kHz	-17.09	(-14.36)	-10.00 M	-15.49	(-12.76)	10.00 M	10.00 MHz	11.00 MHz	200.0 kHz	-15.31	(-7.03)	-10.93 M	-14.48	(-6.05)	10.95 M	11.00 MHz	20.00 MHz	200.0 kHz	-19.33	(-5.89)	-16.29 M	-17.51	(-4.08)	16.29 M	20.00 MHz	30.00 MHz	200.0 kHz	-25.19	(-8.46)	-20.00 M	-23.26	(-6.52)	20.01 M	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	(—)	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	(—)	(—)	—
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4965 MHz	Agilent Spectrum Analyzer - Spectrum Emission Mask RF 1 50.0 DC 1 SEFSE INT ALIGN AUTO 10:39:26 PM Nov 01, 2021 PASS IF Gain: Low Center Freq: 4.965000000 GHz Trig: Free Run Avg: 100.00% of 100 Radio Std: None Radio Device: BTS Ref Offset 12 dB Ref 30.0 dBm 10 dB/div Log  Center 4.965 GHz Span 60 MHz Total Power Ref 23.69 dBm / 20 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>9.000 MHz</td><td>10.00 MHz</td><td>200.0 kHz</td><td>-16.27</td><td>(-13.97)</td><td>-10.00 M</td><td>-14.15</td><td>(-11.85)</td><td>10.00 M</td></tr><tr><td>10.00 MHz</td><td>11.00 MHz</td><td>200.0 kHz</td><td>-15.20</td><td>(-7.10)</td><td>-10.97 M</td><td>-13.92</td><td>(-5.62)</td><td>11.00 M</td></tr><tr><td>11.00 MHz</td><td>20.00 MHz</td><td>200.0 kHz</td><td>-17.85</td><td>(-5.99)</td><td>-15.00 M</td><td>-17.96</td><td>(-4.73)</td><td>16.53 M</td></tr><tr><td>20.00 MHz</td><td>30.00 MHz</td><td>200.0 kHz</td><td>-25.05</td><td>(-8.75)</td><td>-20.00 M</td><td>-23.64</td><td>(-7.32)</td><td>20.01 M</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>(—)</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>(—)</td><td>(—)</td><td>—</td></tr></tbody></table>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	9.000 MHz	10.00 MHz	200.0 kHz	-16.27	(-13.97)	-10.00 M	-14.15	(-11.85)	10.00 M	10.00 MHz	11.00 MHz	200.0 kHz	-15.20	(-7.10)	-10.97 M	-13.92	(-5.62)	11.00 M	11.00 MHz	20.00 MHz	200.0 kHz	-17.85	(-5.99)	-15.00 M	-17.96	(-4.73)	16.53 M	20.00 MHz	30.00 MHz	200.0 kHz	-25.05	(-8.75)	-20.00 M	-23.64	(-7.32)	20.01 M	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	(—)	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	(—)	(—)	—
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4980 MHz	Agilent Spectrum Analyzer - Spectrum Emission Mask RF 1 50.0 DC 1 SEFSE INT ALIGN AUTO 10:45:53 PM Nov 01, 2021 PASS IF Gain: Low Center Freq: 4.980000000 GHz Trig: Free Run Avg: 100.00% of 100 Radio Std: None Radio Device: BTS Ref Offset 12 dB Ref 30.0 dBm 10 dB/div Log  Center 4.98 GHz Span 60 MHz Total Power Ref 24.00 dBm / 20 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>9.000 MHz</td><td>10.00 MHz</td><td>200.0 kHz</td><td>-15.67</td><td>(-13.67)</td><td>-10.00 M</td><td>-13.90</td><td>(-11.90)</td><td>10.00 M</td></tr><tr><td>10.00 MHz</td><td>11.00 MHz</td><td>200.0 kHz</td><td>-14.48</td><td>(-6.72)</td><td>-10.96 M</td><td>-13.56</td><td>(-5.59)</td><td>11.00 M</td></tr><tr><td>11.00 MHz</td><td>20.00 MHz</td><td>200.0 kHz</td><td>-17.25</td><td>(-5.70)</td><td>-15.00 M</td><td>-17.35</td><td>(-4.12)</td><td>16.89 M</td></tr><tr><td>20.00 MHz</td><td>30.00 MHz</td><td>200.0 kHz</td><td>-24.94</td><td>(-8.94)</td><td>-20.00 M</td><td>-22.87</td><td>(-6.87)</td><td>20.00 M</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>(—)</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>(—)</td><td>(—)</td><td>—</td></tr></tbody></table>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	9.000 MHz	10.00 MHz	200.0 kHz	-15.67	(-13.67)	-10.00 M	-13.90	(-11.90)	10.00 M	10.00 MHz	11.00 MHz	200.0 kHz	-14.48	(-6.72)	-10.96 M	-13.56	(-5.59)	11.00 M	11.00 MHz	20.00 MHz	200.0 kHz	-17.25	(-5.70)	-15.00 M	-17.35	(-4.12)	16.89 M	20.00 MHz	30.00 MHz	200.0 kHz	-24.94	(-8.94)	-20.00 M	-22.87	(-6.87)	20.00 M	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	(—)	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	(—)	(—)	—
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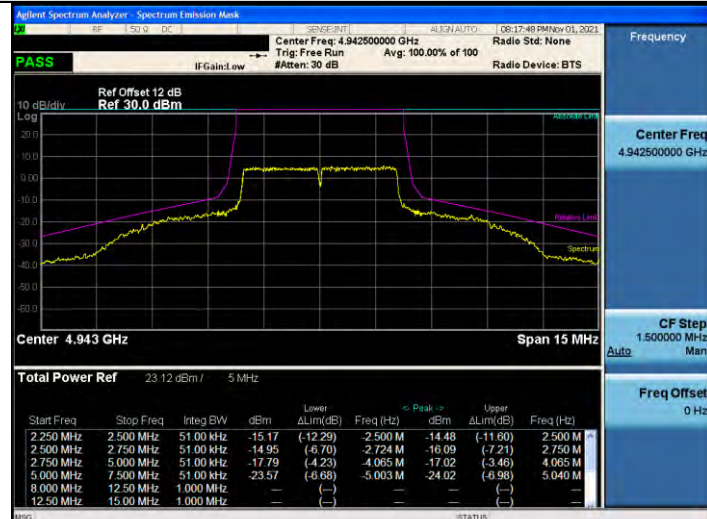


Mode 12: MIMO_20 MHz Continuous TX mode_ANT-0

4950 MHz	Agilent Spectrum Analyzer - Spectrum Emission Mask RF 150.0 DC SPWEE:INT ALIGN:Auto 10:47:20 PM Nov 01, 2021 PASS IF Gain: Low Center Freq: 4.950000000 GHz Trig: Free Run Avg: 100.00% of 100 Radio Std: None Radio Device: BTS #Atten: 30 dB Ref Offset 12 dB Ref 30.0 dBm 10 dB/div Log 30.00 20.00 10.00 0.00 -10.00 -20.00 -30.00 -40.00 -50.00 -60.00 30.00 20.00 10.00 0.00 -10.00 -20.00 -30.00 -40.00 -50.00 -60.00 30.00 20.00 10.00 0.00 -10.00 -20.00 -30.00 -40.00 -50.00 -60.00 30.00 20.00 10.00 0.00 -10.00 -20.00 -30.00 -40.00 -50.00 -60.00 30.00 20.00 10.00 0.00 -10.00 -20.00 -30.00 -40.00 -50.00 -60.00 30.00 20.00 10.00 0.00 -10.00 -20.00 -30.00 -40.00 -50.00 -60.00 30.00 20.00 10.00 0.00 -10.00 -20.00 -30.00 -40.00 -50.00 -60.00 30.00 20.00 10.00 0.00 -10.00 -20.00 -30.00 -40.00 -50.00 -60.00 30.00 20.00 10.00 0.00 -10.00 -20.00 -30.00 -40.00 -50.00 -60.00 30.00 20.00 10.00 0.00 -10.00 -20.00 -30.00 -40.00 -50.00 -60.00 30.00 20.00 10.00 0.00 -10.00 -20.00 -30.00 -40.00 -50.00 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Mode 7: MIMO_5 MHz Continuous TX mode (Legacy) _ANT-1

4942.5 MHz



4967.5 MHz



4987.5 MHz



Mode 9: MIMO_20 MHz Continuous TX mode (Legacy) _ANT-1

4950 MHz	Agilent Spectrum Analyzer - Spectrum Emission Mask RF 50.0 DC SPSSE:INT1 ALIGN:Auto 11:05:29 PM Nov 01, 2021 PASS IF Gain: Low Center Freq: 4.950000000 GHz Trig: Free Run Avg: 100.00% of 100 Radio Std: None #Atten: 30 dB Radio Device: BTS Ref Offset 12 dB Ref 30.0 dBm 10 dB/div Log 30.0 20.0 10.0 0.0 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 Recovery Limit Reference Limit Spectrum Center 4.95 GHz Span 60 MHz Total Power Ref 22.87 dBm / 20 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>9.000 MHz</td><td>10.00 MHz</td><td>200.0 kHz</td><td>-17.34</td><td>(-14.21)</td><td>-10.00 M</td><td>-15.88</td><td>(-12.75)</td><td>10.00 M</td></tr><tr><td>10.00 MHz</td><td>11.00 MHz</td><td>200.0 kHz</td><td>-18.50</td><td>(-7.37)</td><td>-11.00 M</td><td>-15.84</td><td>(-6.70)</td><td>11.00 M</td></tr><tr><td>11.00 MHz</td><td>20.00 MHz</td><td>200.0 kHz</td><td>-20.26</td><td>(-6.45)</td><td>-16.26 M</td><td>-19.42</td><td>(-5.08)</td><td>16.86 M</td></tr><tr><td>20.00 MHz</td><td>30.00 MHz</td><td>200.0 kHz</td><td>-26.07</td><td>(-8.92)</td><td>-20.01 M</td><td>-25.45</td><td>(-8.21)</td><td>20.10 M</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	9.000 MHz	10.00 MHz	200.0 kHz	-17.34	(-14.21)	-10.00 M	-15.88	(-12.75)	10.00 M	10.00 MHz	11.00 MHz	200.0 kHz	-18.50	(-7.37)	-11.00 M	-15.84	(-6.70)	11.00 M	11.00 MHz	20.00 MHz	200.0 kHz	-20.26	(-6.45)	-16.26 M	-19.42	(-5.08)	16.86 M	20.00 MHz	30.00 MHz	200.0 kHz	-26.07	(-8.92)	-20.01 M	-25.45	(-8.21)	20.10 M	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—	Frequency Center Freq 4.95000000 GHz CF Step 6.000000 MHz Auto Man Freq Offset 0 Hz
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4965 MHz	Agilent Spectrum Analyzer - Spectrum Emission Mask RF 50.0 DC SPSSE:INT1 ALIGN:Auto 11:06:29 PM Nov 01, 2021 PASS IF Gain: Low Center Freq: 4.965000000 GHz Trig: Free Run Avg: 100.00% of 100 Radio Std: None #Atten: 30 dB Radio Device: BTS Ref Offset 12 dB Ref 30.0 dBm 10 dB/div Log 30.0 20.0 10.0 0.0 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 Recovery Limit Reference Limit Spectrum Center 4.965 GHz Span 60 MHz Total Power Ref 23.40 dBm / 20 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>9.000 MHz</td><td>10.00 MHz</td><td>200.0 kHz</td><td>-16.74</td><td>(-14.14)</td><td>-10.00 M</td><td>-14.62</td><td>(-12.02)</td><td>10.00 M</td></tr><tr><td>10.00 MHz</td><td>11.00 MHz</td><td>200.0 kHz</td><td>-15.09</td><td>(-6.79)</td><td>-10.95 M</td><td>-14.63</td><td>(-6.12)</td><td>10.99 M</td></tr><tr><td>11.00 MHz</td><td>20.00 MHz</td><td>200.0 kHz</td><td>-18.80</td><td>(-5.50)</td><td>-16.29 M</td><td>-18.00</td><td>(-4.14)</td><td>16.92 M</td></tr><tr><td>20.00 MHz</td><td>30.00 MHz</td><td>200.0 kHz</td><td>-25.59</td><td>(-8.99)</td><td>-20.00 M</td><td>-24.24</td><td>(-7.57)</td><td>20.07 M</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	9.000 MHz	10.00 MHz	200.0 kHz	-16.74	(-14.14)	-10.00 M	-14.62	(-12.02)	10.00 M	10.00 MHz	11.00 MHz	200.0 kHz	-15.09	(-6.79)	-10.95 M	-14.63	(-6.12)	10.99 M	11.00 MHz	20.00 MHz	200.0 kHz	-18.80	(-5.50)	-16.29 M	-18.00	(-4.14)	16.92 M	20.00 MHz	30.00 MHz	200.0 kHz	-25.59	(-8.99)	-20.00 M	-24.24	(-7.57)	20.07 M	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—	Frequency Center Freq 4.96500000 GHz CF Step 6.000000 MHz Auto Man Freq Offset 0 Hz
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4980 MHz	Agilent Spectrum Analyzer - Spectrum Emission Mask RF 50.0 DC SPSSE:INT1 ALIGN:Auto 11:13:08 PM Nov 01, 2021 PASS IF Gain: Low Center Freq: 4.980000000 GHz Trig: Free Run Avg: 100.00% of 100 Radio Std: None #Atten: 30 dB Radio Device: BTS Ref Offset 12 dB Ref 30.0 dBm 10 dB/div Log 30.0 20.0 10.0 0.0 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 Recovery Limit Reference Limit Spectrum Center 4.98 GHz Span 60 MHz Total Power Ref 23.62 dBm / 20 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>< Peak > dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>9.000 MHz</td><td>10.00 MHz</td><td>200.0 kHz</td><td>-16.32</td><td>(-13.94)</td><td>-10.00 M</td><td>-14.99</td><td>(-12.61)</td><td>10.00 M</td></tr><tr><td>10.00 MHz</td><td>11.00 MHz</td><td>200.0 kHz</td><td>-15.29</td><td>(-7.06)</td><td>-10.98 M</td><td>-14.53</td><td>(-6.21)</td><td>10.99 M</td></tr><tr><td>11.00 MHz</td><td>20.00 MHz</td><td>200.0 kHz</td><td>-18.47</td><td>(-5.41)</td><td>-16.26 M</td><td>-18.04</td><td>(-4.45)</td><td>16.86 M</td></tr><tr><td>20.00 MHz</td><td>30.00 MHz</td><td>200.0 kHz</td><td>-24.96</td><td>(-8.58)</td><td>-20.00 M</td><td>-23.97</td><td>(-7.53)</td><td>20.07 M</td></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></tbody></table>	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	< Peak > dBm	Upper ΔLim(dB)	Freq (Hz)	9.000 MHz	10.00 MHz	200.0 kHz	-16.32	(-13.94)	-10.00 M	-14.99	(-12.61)	10.00 M	10.00 MHz	11.00 MHz	200.0 kHz	-15.29	(-7.06)	-10.98 M	-14.53	(-6.21)	10.99 M	11.00 MHz	20.00 MHz	200.0 kHz	-18.47	(-5.41)	-16.26 M	-18.04	(-4.45)	16.86 M	20.00 MHz	30.00 MHz	200.0 kHz	-24.96	(-8.58)	-20.00 M	-23.97	(-7.53)	20.07 M	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—	Frequency Center Freq 4.98000000 GHz CF Step 6.000000 MHz Auto Man Freq Offset 0 Hz
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Mode 10: MIMO_5 MHz Continuous TX mode_ANT-1

4942.5 MHz



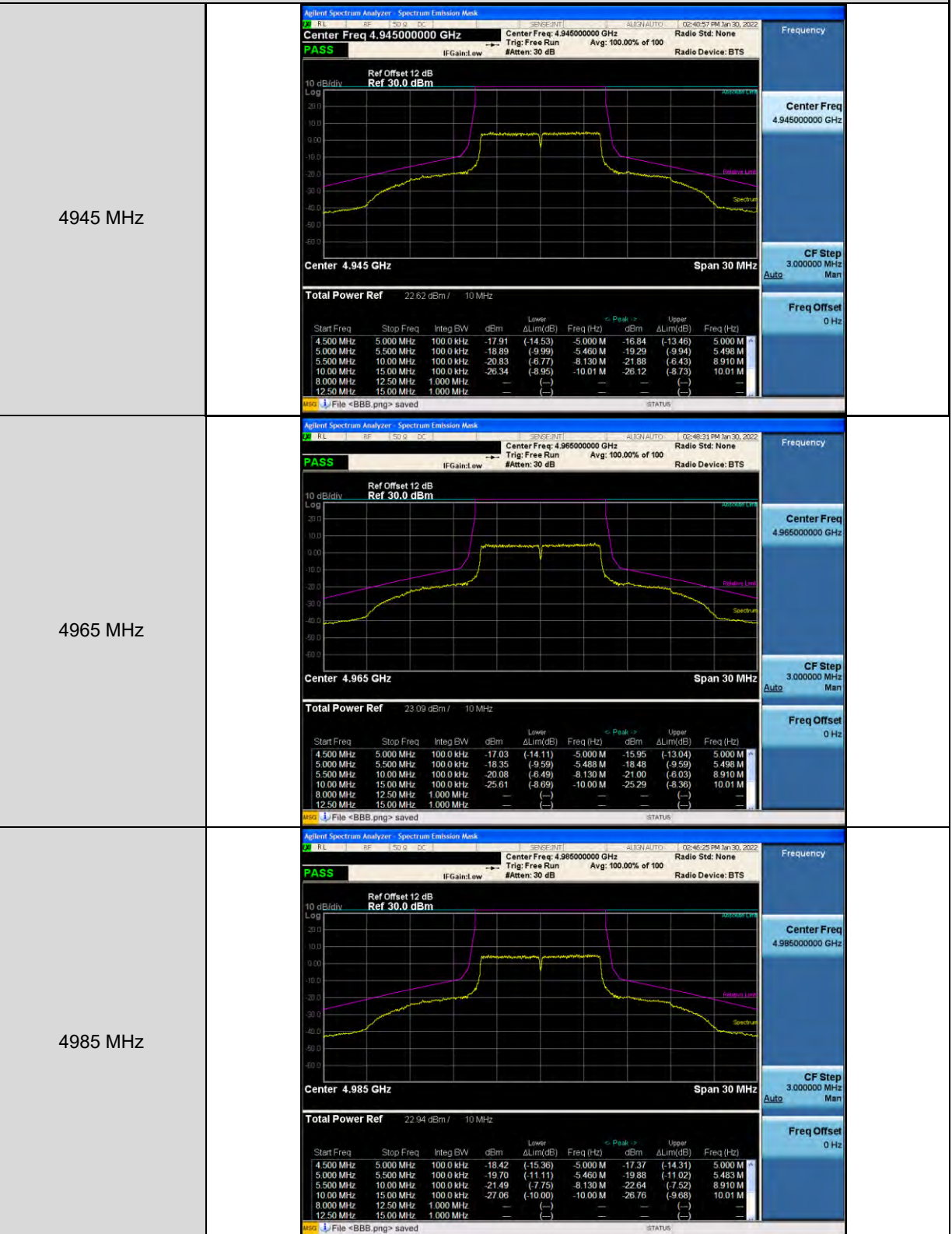
4967.5 MHz



4987.5 MHz



Mode 11: MIMO_10 MHz Continuous TX mode_ANT-1



Mode 12: MIMO_20 MHz Continuous TX mode_ANT-1

4950 MHz	Agilent Spectrum Analyzer - Spectrum Emission Mask RF 150.0 DC SEIZE INT ALIBN AUTO 11-14-44 PM Nov 01, 2021 PASS IF Gain: Low Center Freq: 4.950000000 GHz Trig: Free Run Avg: 100.00% of 100 Radio Std: None Radio Device: BTS Ref Offset 12 dB Ref 30.0 dBm 10 dB/div Log <
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