

3.4.4 TEST PROCEDURES

Using method SA-2

- 1) Set span to encompass the entire emission bandwidth (EBW) of the signal.
- 2) Set RBW = 1 MHz, Set VBW $\geq$ 3 MHz, Detector = RMS
- 3) Set Channel power measure = 1MHz
- 4) Sweep time = auto, trigger set to "free run".
- 5) Trace average at least 100 traces in power averaging mode.
- 6) Add $10 \log (1/x)$, where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times (because the measurement represents an average over both the on and off times of the transmission).
- 7) Record the max value

3.4.5 DEVIATION FROM TEST STANDARD

No deviation.

3.4.6 EUT OPERATING CONDITIONS

Same as 3.1.7.



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3.4.7 TEST RESULTS

Please Refer to Appendix A Of this test report.

3.5 AUTOMATICALLY DISCONTINUE TRANSMISSION

3.5.1 LIMIT OF AUTOMATICALLY DISCONTINUE TRANSMISSION

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signalling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization a description of how this requirement is met.

3.5.2 TEST INSTRUMENTS

Refer to section 3.3.3 to get information of above instrument.

3.5.3 TEST RESULT

While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving. The EUT can detect the controlling of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission

4 PHOTOGRAPHS OF THE TEST CONFIGURATION

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



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5 MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No modifications were made to the EUT by the lab during the test.

6 APPENDIX A

EMISSION BANDWIDTH

TEST RESULT

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	25.920	5165.120	5191.040	---	---
		5200	23.520	5187.720	5211.240	---	---
		5240	26.600	5225.840	5252.440	---	---
		5260	23.320	5247.840	5271.160	---	---
		5300	26.840	5285.520	5312.360	---	---
		5320	26.080	5306.600	5332.680	---	---
		5500	23.920	5487.720	5511.640	---	---
		5580	23.440	5566.280	5589.720	---	---
		5700	23.840	5688.200	5712.040	---	---
		5720	20.840	5709.320	5730.160	---	---
		5720_UNII-2C	15.68	5709.320	5725	---	---
		5720_UNII-3	5.16	5725	5730.160	---	---
		5745	21.880	5733.080	5754.960	---	---
		5785	24.800	5771.800	5796.600	---	---
		5825	24.400	5813.080	5837.480	---	---
11N20SISO	Ant1	5180	27.600	5166.080	5193.680	---	---
		5200	30.320	5185.680	5216.000	---	---
		5240	29.040	5225.360	5254.400	---	---
		5260	26.320	5245.920	5272.240	---	---
		5300	27.960	5286.480	5314.440	---	---
		5320	27.320	5306.720	5334.040	---	---
		5500	27.280	5486.360	5513.640	---	---
		5580	27.120	5565.080	5592.200	---	---
		5700	23.560	5687.240	5710.800	---	---
		5720	28.520	5705.120	5733.640	---	---
		5720_UNII-2C	19.88	5705.120	5725	---	---
		5720_UNII-3	8.64	5725	5733.640	---	---
		5745	29.160	5728.520	5757.680	---	---
		5785	26.720	5772.080	5798.800	---	---



		5825	29.920	5810.560	5840.480	---	---
11N40SISO	Ant1	5190	43.280	5166.480	5209.760	---	---
		5230	48.160	5206.160	5254.320	---	---
		5270	40.640	5249.760	5290.400	---	---
		5310	44.720	5287.520	5332.240	---	---
		5510	46.800	5486.480	5533.280	---	---
		5550	43.120	5528.960	5572.080	---	---
		5670	40.720	5649.520	5690.240	---	---
		5710	42.960	5687.760	5730.720	---	---
		5710_UNII-2C	37.24	5687.760	5725	---	---
		5710_UNII-3	5.72	5725	5730.720	---	---
		5755	44.240	5734.840	5779.080	---	---
		5795	40.400	5774.360	5814.760	---	---
11AC20SISO	Ant1	5180	27.280	5166.320	5193.600	---	---
		5200	26.360	5186.600	5212.960	---	---
		5240	25.480	5228.360	5253.840	---	---
		5260	28.200	5245.760	5273.960	---	---
		5300	28.560	5285.320	5313.880	---	---
		5320	30.600	5303.360	5333.960	---	---
		5500	32.520	5482.520	5515.040	---	---
		5580	26.320	5565.520	5591.840	---	---
		5700	24.400	5687.760	5712.160	---	---
		5720	26.680	5707.200	5733.880	---	---
		5720_UNII-2C	17.8	5707.200	5725	---	---
		5720_UNII-3	8.88	5725	5733.880	---	---
		5745	26.840	5731.640	5758.480	---	---
		5785	28.320	5771.160	5799.480	---	---
		5825	29.040	5811.400	5840.440	---	---
11AC40SISO	Ant1	5190	48.160	5165.680	5213.840	---	---
		5230	42.240	5210.000	5252.240	---	---
		5270	45.600	5247.840	5293.440	---	---
		5310	42.640	5289.040	5331.680	---	---
		5510	48.880	5484.400	5533.280	---	---
		5550	50.160	5524.240	5574.400	---	---
		5670	43.520	5648.400	5691.920	---	---

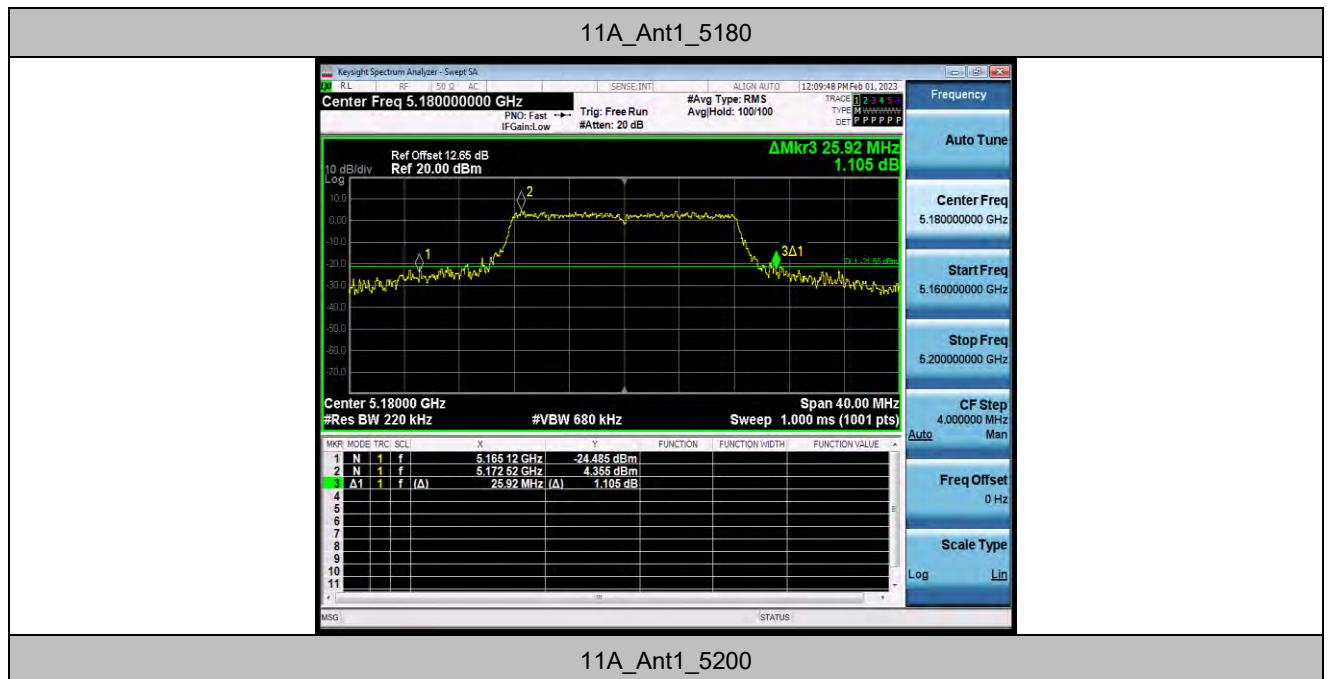


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		5710	44.640	5687.200	5731.840	---	---
		5710_UNII-2C	37.8	5687.200	5725	---	---
		5710_UNII-3	6.84	5725	5731.840	---	---
		5755	44.560	5734.120	5778.680	---	---
		5795	44.080	5772.840	5816.920	---	---
11AC80SISO	Ant1	5210	94.400	5160.560	5254.960	---	---
		5290	90.880	5243.920	5334.800	---	---
		5530	101.600	5474.320	5575.920	---	---
		5610	86.400	5564.240	5650.640	---	---
		5690	89.440	5646.800	5736.240	---	---
		5690_UNII-2C	78.2	5646.800	5725	---	---
		5690_UNII-3	11.24	5725	5736.240	---	---
		5775	85.760	5731.160	5816.920	---	---

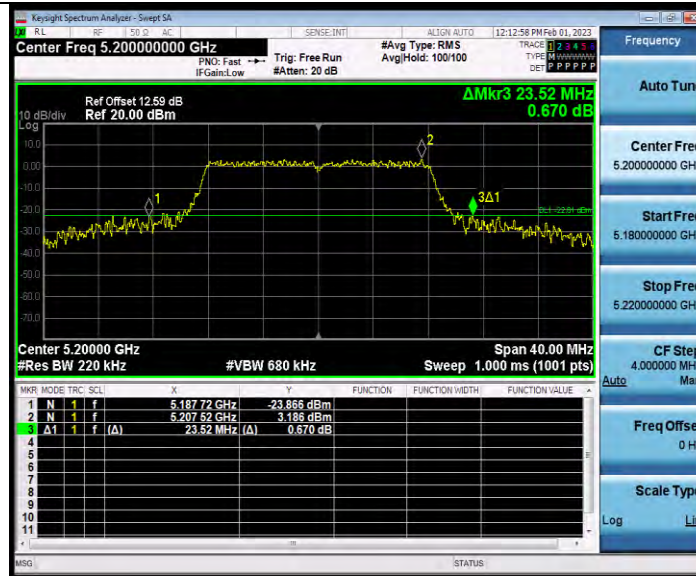
TEST GRAPHS





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11A_Ant1_5240



11A_Ant1_5260



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11A_Ant1_5300



11A_Ant1_5320

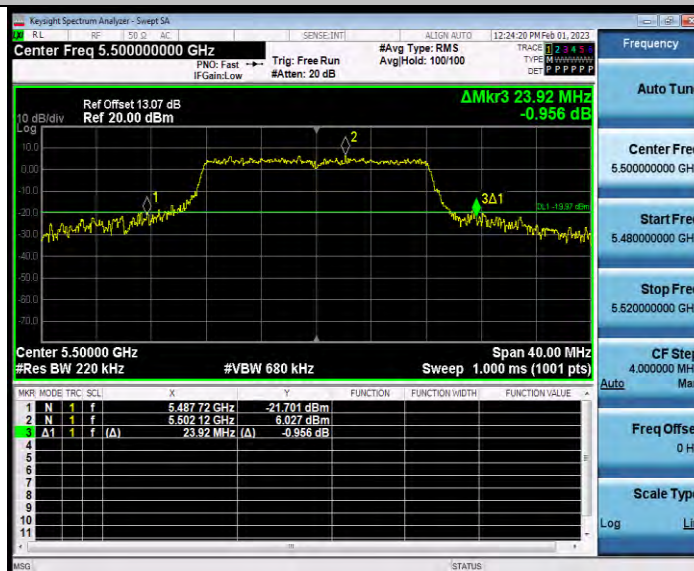


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11A_Ant1_5500



11A_Ant1_5580



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11A_Ant1_5700

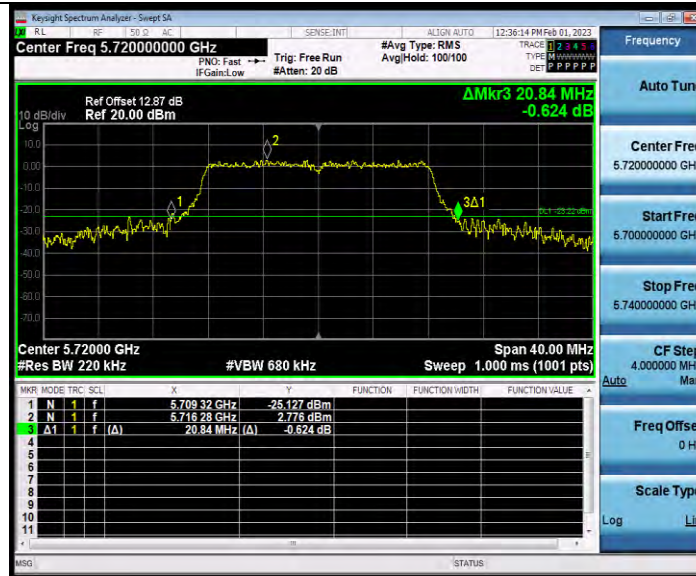


11A_Ant1_5720



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11A_Ant1_5745



11A_Ant1_5785



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11A_Ant1_5825



11N20SISO_Ant1_5180





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11N20SISO_Ant1_5260



11N20SISO_Ant1_5300



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11N20SISO_Ant1_5320



11N20SISO_Ant1_5500

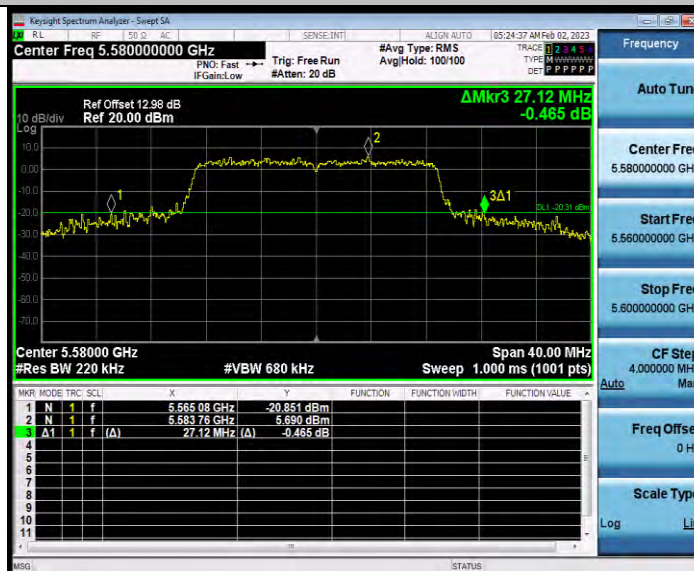


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Test Report No.: W7L-P23010024RF03



11N20SISO_Ant1_5580

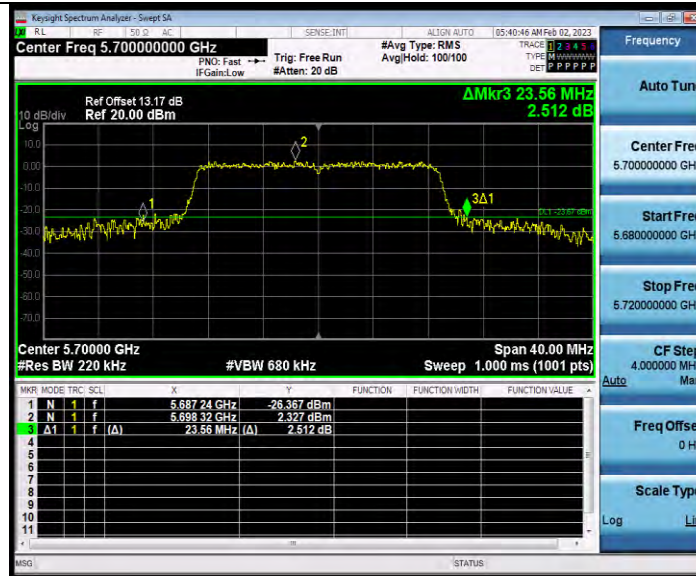


11N20SISO_Ant1_5700



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11N20SISO_Ant1_5720



11N20SISO_Ant1_5745



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VERITAS

Test Report No.: W7L-P23010024RF03



11N20SISO_Ant1_5785

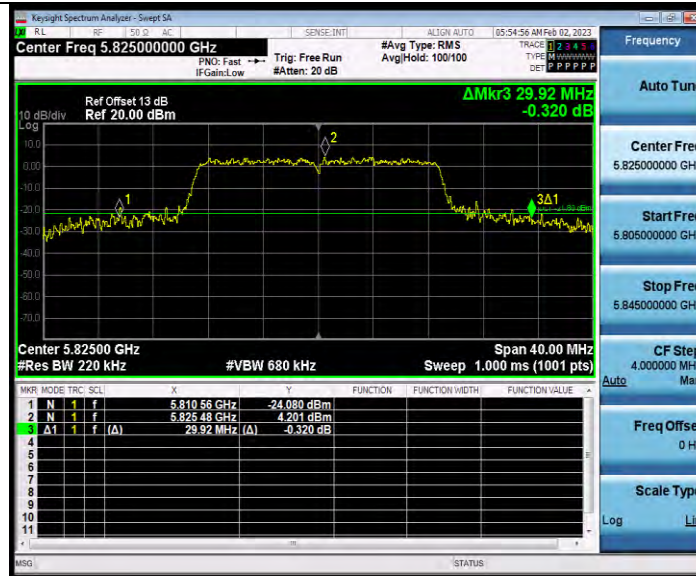


11N20SISO_Ant1_5825



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11N40SISO_Ant1_5190

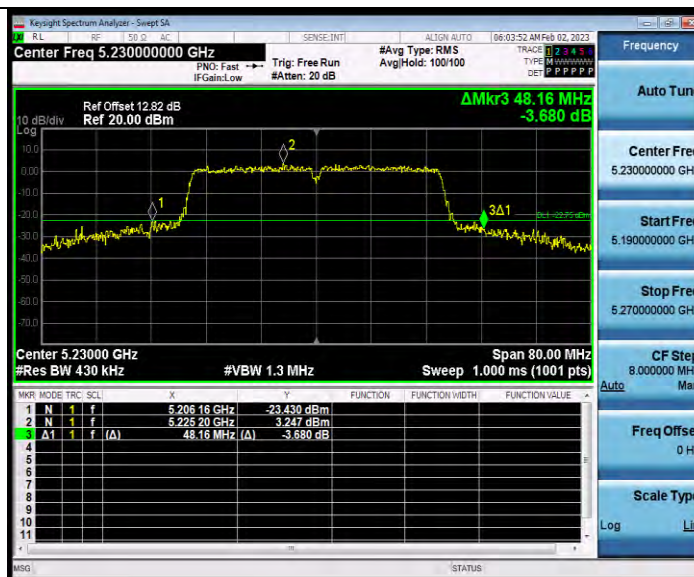


11N40SISO_Ant1_5230



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11N40SISO_Ant1_5270



11N40SISO_Ant1_5310



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Test Report No.: W7L-P23010024RF03



11N40SISO_Ant1_5510

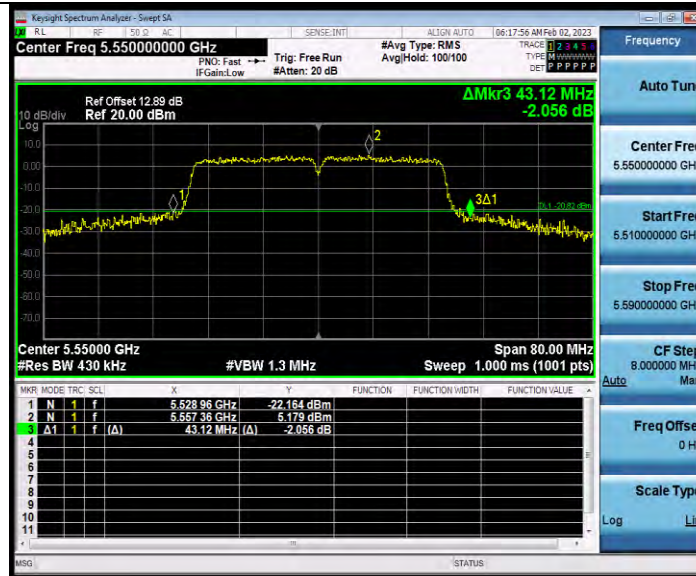


11N40SISO_Ant1_5550



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11N40SISO_Ant1_5670



11N40SISO_Ant1_5710



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11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



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11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



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11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5260



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11AC20SISO_Ant1_5300



11AC20SISO_Ant1_5320



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Test Report No.: W7L-P23010024RF03



11AC20SISO_Ant1_5500

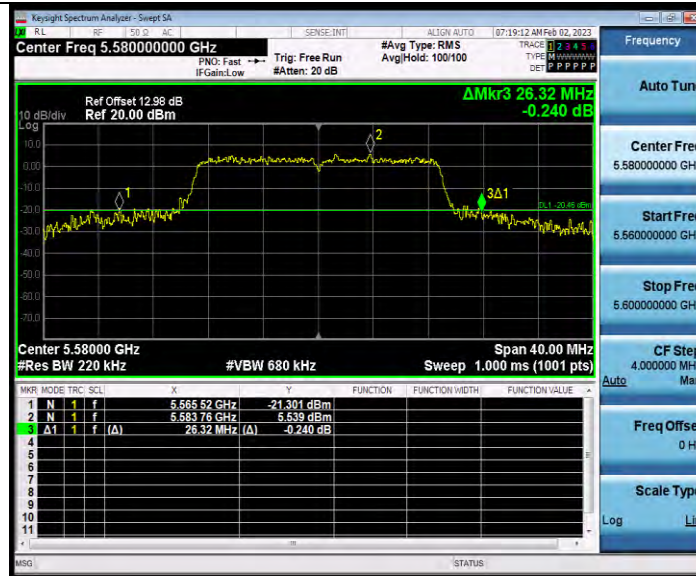


11AC20SISO_Ant1_5580

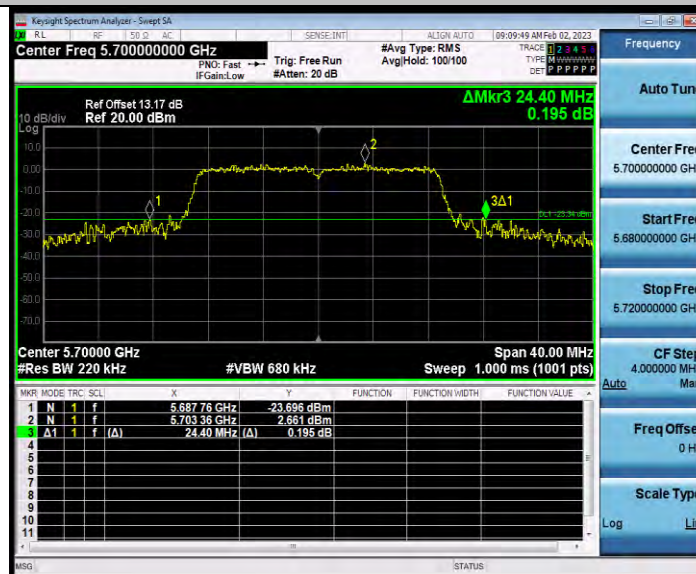


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11AC20SISO_Ant1_5700



11AC20SISO_Ant1_5720



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Test Report No.: W7L-P23010024RF03



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



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Test Report No.: W7L-P23010024RF03



11AC20SISO_Ant1_5825

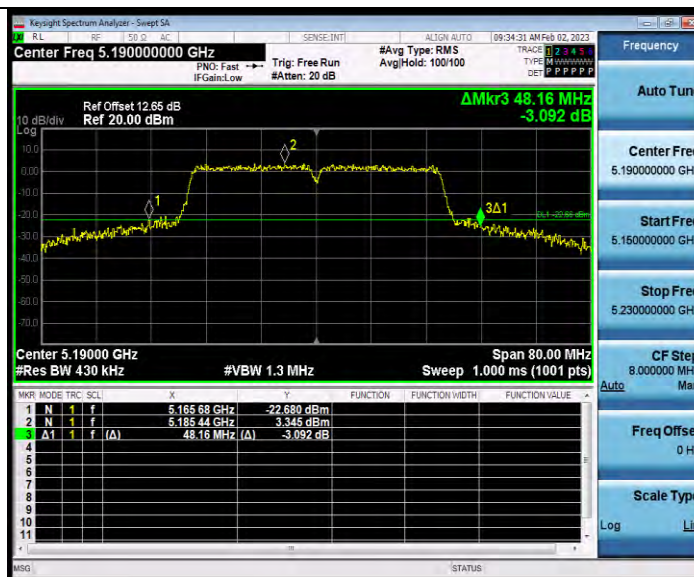


11AC40SISO_Ant1_5190



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Test Report No.: W7L-P23010024RF03



11AC40SISO_Ant1_5230

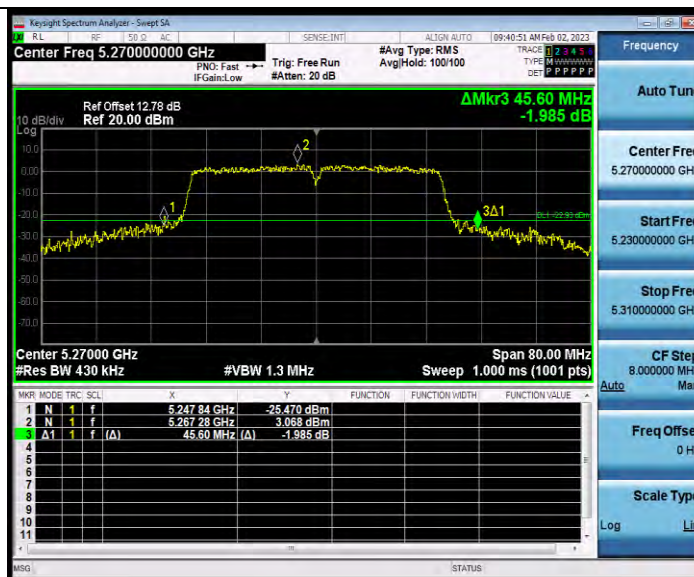


11AC40SISO_Ant1_5270



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Test Report No.: W7L-P23010024RF03



11AC40SISO_Ant1_5310



11AC40SISO_Ant1_5510



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Test Report No.: W7L-P23010024RF03



11AC40SISO_Ant1_5550

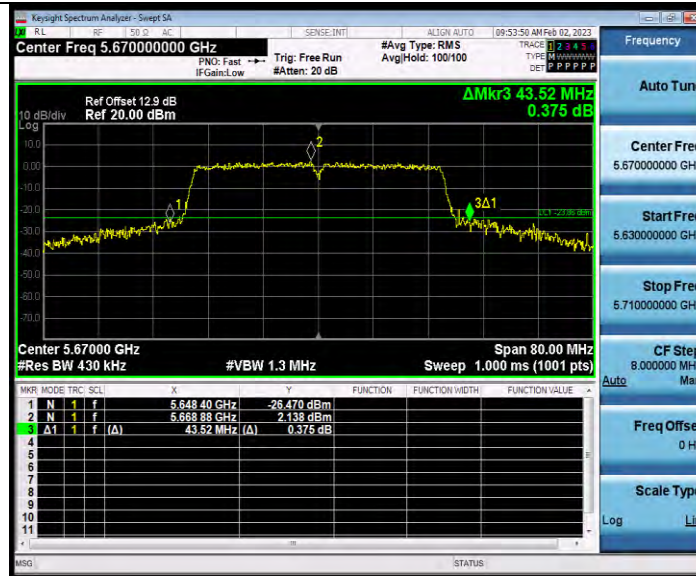


11AC40SISO_Ant1_5670



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Test Report No.: W7L-P23010024RF03



11AC40SISO_Ant1_5710



11AC40SISO_Ant1_5755



BUREAU
VERITAS

Test Report No.: W7L-P23010024RF03



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



BUREAU
VERITAS

Test Report No.: W7L-P23010024RF03



11AC80SISO_Ant1_5290

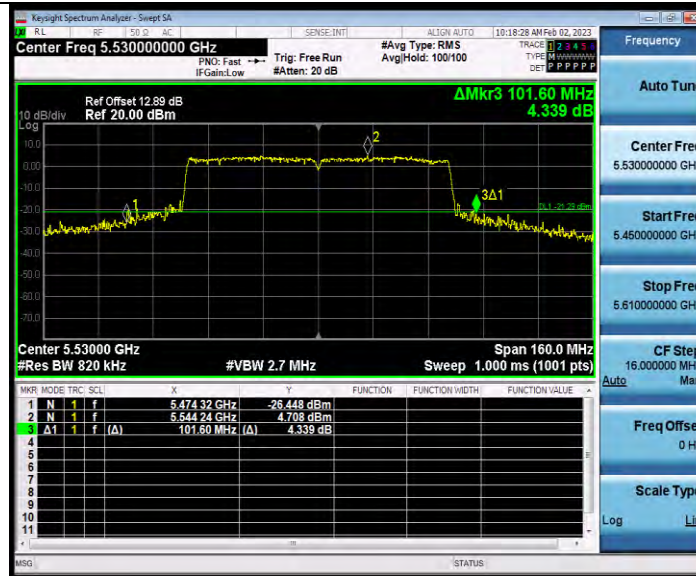


11AC80SISO_Ant1_5530



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11AC80SISO_Ant1_5610



11AC80SISO_Ant1_5690



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VERITAS

Test Report No.: W7L-P23010024RF03



11AC80SISO_Ant1_5775



OCCUPIED CHANNEL BANDWIDTH

TEST RESULT

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.232	5171.3328	5188.5648	---	---
		5200	17.198	5191.3980	5208.5960	---	---
		5240	17.179	5231.4355	5248.6145	---	---
		5260	17.184	5251.4030	5268.5870	---	---
		5300	17.156	5291.4179	5308.5739	---	---
		5320	17.156	5311.4149	5328.5709	---	---
		5500	17.253	5491.3136	5508.5666	---	---
		5580	17.175	5571.3697	5588.5447	---	---
		5700	17.181	5691.4210	5708.6020	---	---
		5720	17.199	5711.3926	5728.5916	---	---
		5720_UNII-2C	13.607	5711.3926	5725	---	---
		5720_UNII-3	3.592	5725	5728.5916	---	---
		5745	17.141	5736.4221	5753.5631	---	---
		5785	17.182	5776.4268	5793.6088	---	---
		5825	17.189	5816.4313	5833.6203	---	---
11N20SISO	Ant1	5180	18.140	5170.8762	5189.0162	---	---
		5200	18.044	5191.0035	5209.0475	---	---
		5240	18.010	5231.0027	5249.0127	---	---
		5260	18.105	5250.9488	5269.0538	---	---
		5300	18.099	5290.9728	5309.0718	---	---
		5320	18.068	5310.9364	5329.0044	---	---
		5500	18.138	5490.8758	5509.0138	---	---
		5580	18.143	5570.8762	5589.0192	---	---
		5700	18.009	5691.0008	5709.0098	---	---
		5720	18.078	5710.9842	5729.0622	---	---
		5720_UNII-2C	14.016	5710.9842	5725	---	---
		5720_UNII-3	4.062	5725	5729.0622	---	---
		5745	18.120	5735.9510	5754.0710	---	---
		5785	18.042	5775.9760	5794.0180	---	---
		5825	18.184	5815.9652	5834.1492	---	---
11N40SISO	Ant1	5190	36.527	5171.7013	5208.2283	---	---