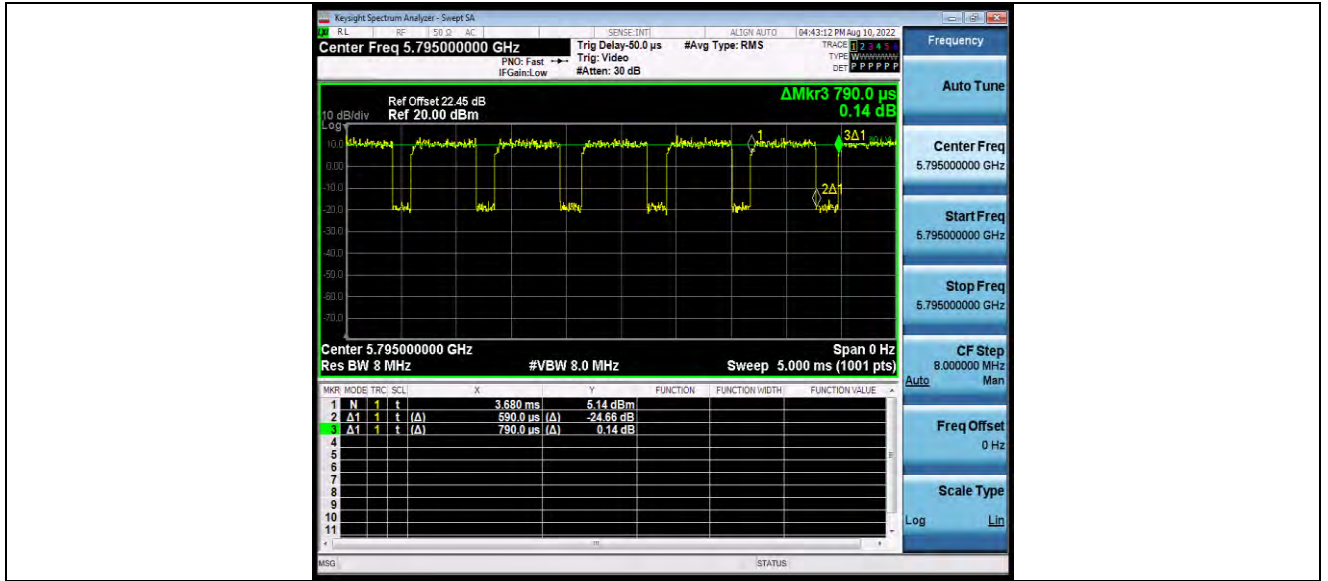


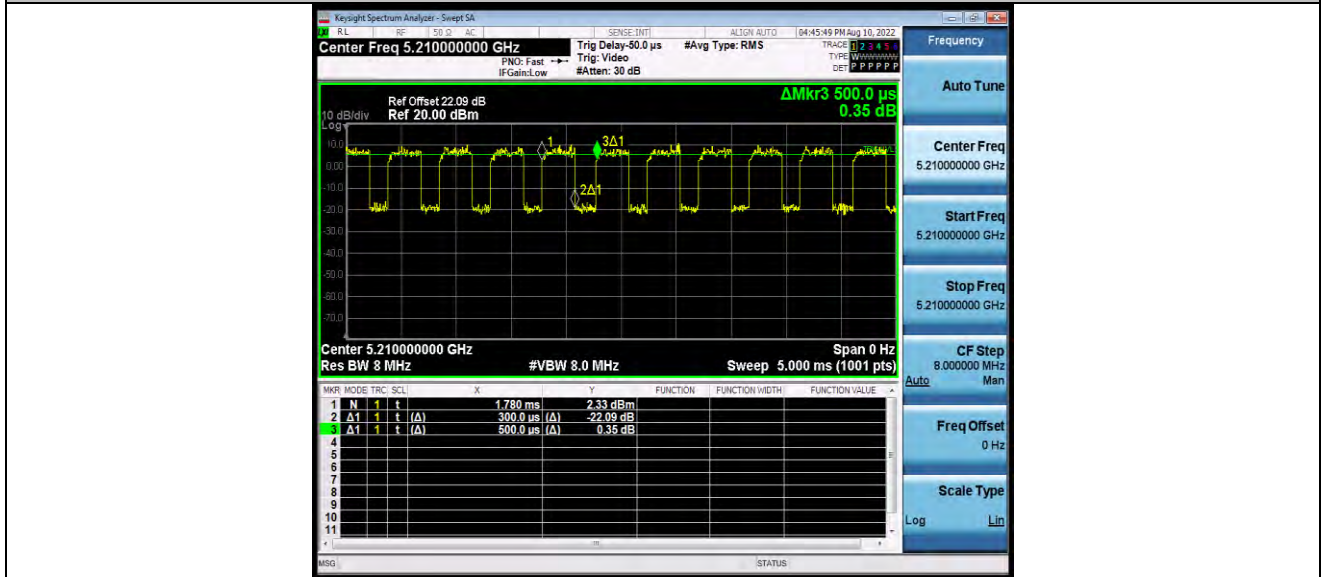


BUREAU VERITAS

Test Report No.: W7L-P22080003RF03



11AC80SISO\_Ant1\_5210

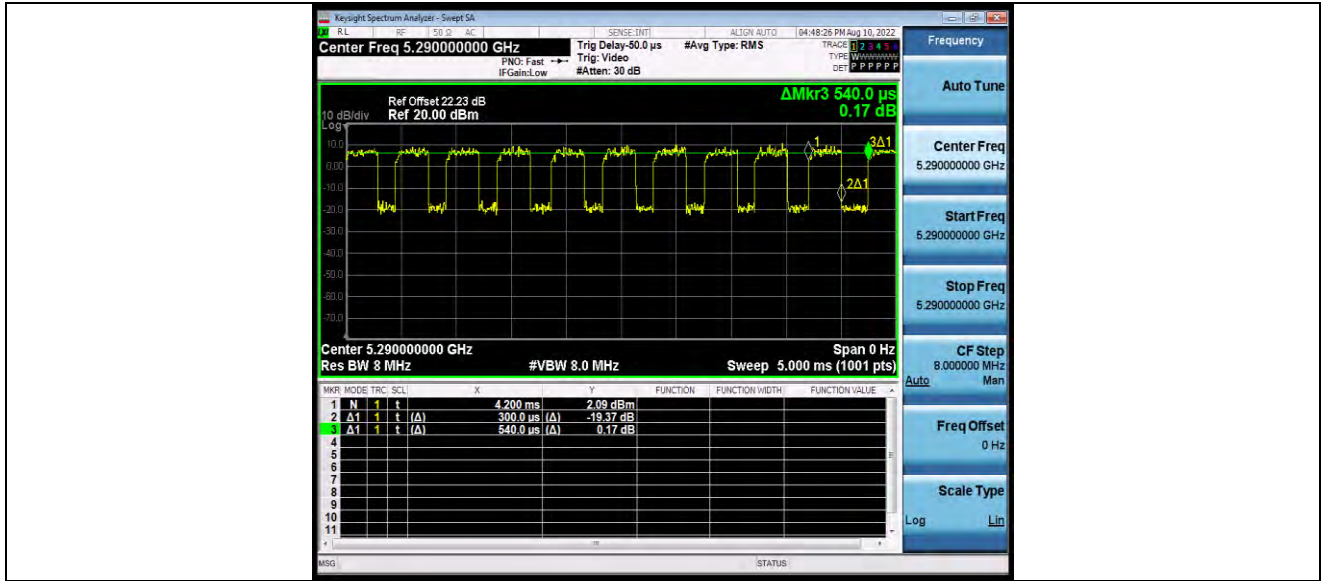


11AC80SISO\_Ant1\_5290

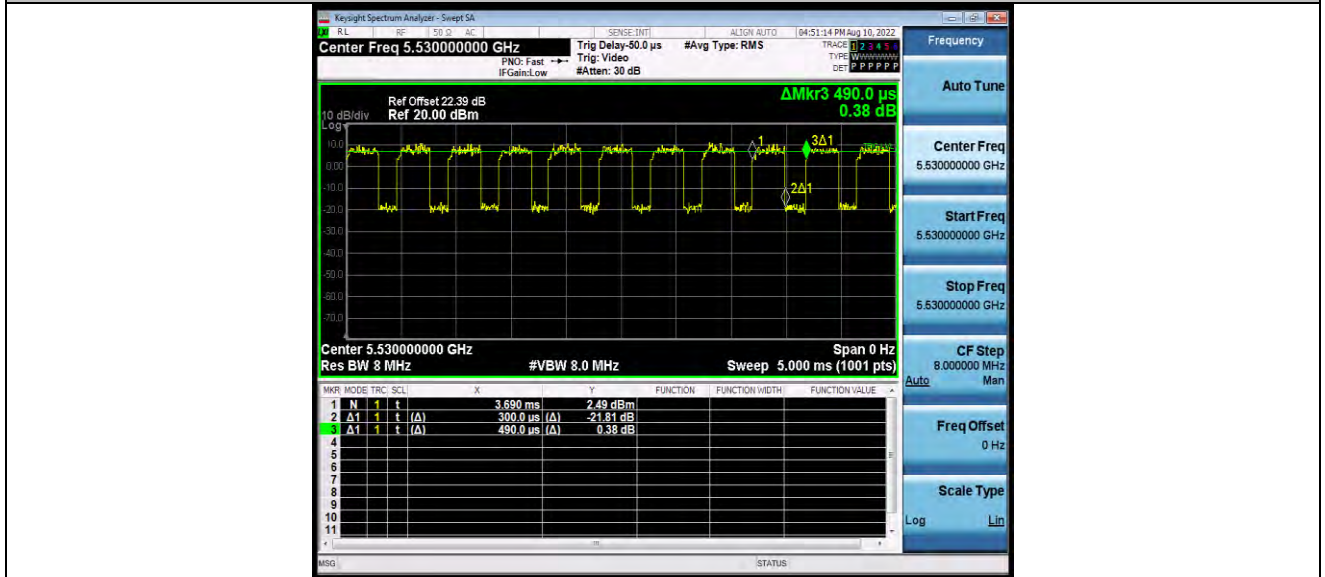


BUREAU VERITAS

Test Report No.: W7L-P22080003RF03



11AC80SISO\_Ant1\_5530

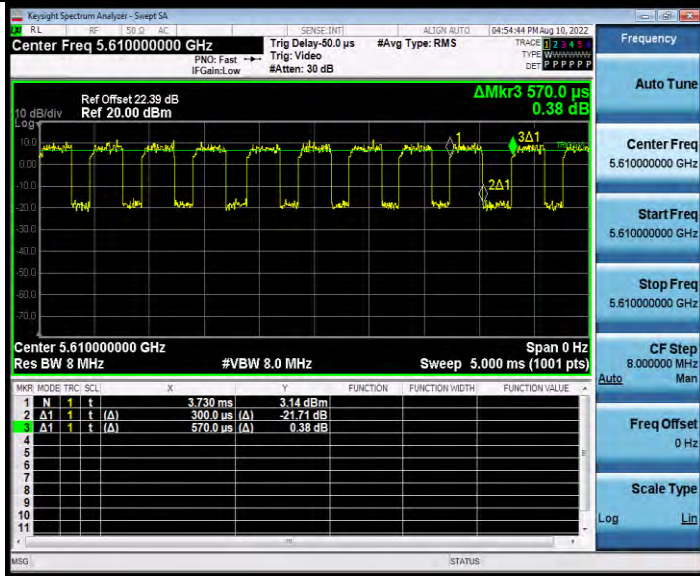


11AC80SISO\_Ant1\_5610

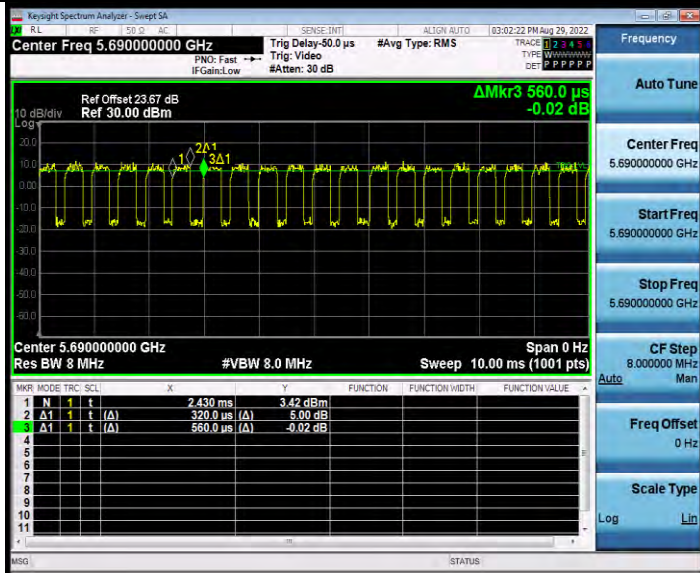


BUREAU VERITAS

Test Report No.: W7L-P22080003RF03



11AC80SISO\_Ant1\_5690

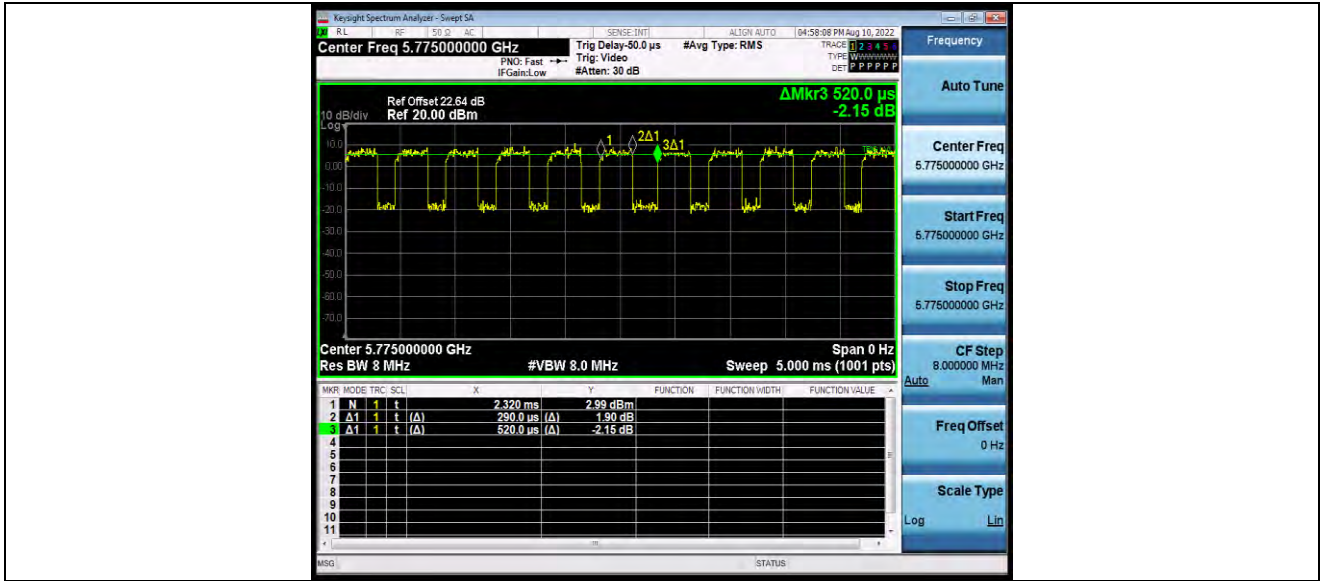


11AC80SISO\_Ant1\_5775



BUREAU VERITAS

Test Report No.: W7L-P22080003RF03





### MAXIMUM CONDUCTED OUTPUT POWER

### TEST RESULT

Mode	TX Type	Freq. (MHz)	Maximum Conducted Output Power (dBm)		Verdict	Power Setting
			Ant1	Limit		
802.11a	SISO	5180	15.88	≤24.00	Pass	Default
		5200	15.74	≤24.00	Pass	Default
		5240	15.55	≤24.00	Pass	Default
		5260	15.44	≤24.00	Pass	Default
		5300	15.26	≤24.00	Pass	Default
		5320	15.01	≤24.00	Pass	Default
		5500	16.22	≤24.00	Pass	Default
		5580	15.76	≤24.00	Pass	Default
		5700	15.89	≤24.00	Pass	Default
		5720	15.53	≤24.00	Pass	Default
		5720	15.53	≤30.00	Pass	Default
		5745	15.71	≤30.00	Pass	Default
		5785	15.49	≤30.00	Pass	Default
		5825	15.26	≤30.00	Pass	Default
802.11n (HT20)	SISO	5180	15.83	≤24.00	Pass	Default
		5200	15.72	≤24.00	Pass	Default
		5240	15.60	≤24.00	Pass	Default
		5260	15.47	≤24.00	Pass	Default
		5300	15.23	≤24.00	Pass	Default
		5320	15.00	≤24.00	Pass	Default
		5500	16.12	≤24.00	Pass	Default
		5580	15.83	≤24.00	Pass	Default
		5700	15.78	≤24.00	Pass	Default
		5720	15.58	≤24.00	Pass	Default
		5720	15.58	≤30.00	Pass	Default
		5745	15.70	≤30.00	Pass	Default
		5785	15.45	≤30.00	Pass	Default
		5825	15.08	≤30.00	Pass	Default
802.11n (HT40)	SISO	5190	12.51	≤24.00	Pass	12
		5230	14.28	≤24.00	Pass	Default



		5270	14.14	≤24.00	Pass	Default
		5310	13.82	≤24.00	Pass	Default
		5510	15.07	≤24.00	Pass	Default
		5550	14.97	≤24.00	Pass	Default
		5670	15.15	≤24.00	Pass	Default
		5710	14.66	≤24.00	Pass	Default
		5710	14.66	≤30.00	Pass	Default
		5755	14.58	≤30.00	Pass	Default
		5795	14.34	≤30.00	Pass	Default
802.11ac (VHT20)	SISO	5180	15.84	≤24.00	Pass	Default
		5200	15.77	≤24.00	Pass	Default
		5240	15.47	≤24.00	Pass	Default
		5260	15.36	≤24.00	Pass	Default
		5300	15.10	≤24.00	Pass	Default
		5320	14.92	≤24.00	Pass	Default
		5500	16.10	≤24.00	Pass	Default
		5580	15.77	≤24.00	Pass	Default
		5700	15.88	≤24.00	Pass	Default
		5720	15.50	≤24.00	Pass	Default
		5720	15.50	≤30.00	Pass	Default
		5745	15.51	≤30.00	Pass	Default
		5785	15.33	≤30.00	Pass	Default
		5825	15.24	≤30.00	Pass	Default
802.11ac (VHT40)	SISO	5190	12.44	≤24.00	Pass	12
		5230	14.32	≤24.00	Pass	Default
		5270	14.10	≤24.00	Pass	Default
		5310	13.88	≤24.00	Pass	Default
		5510	15.10	≤24.00	Pass	Default
		5550	15.03	≤24.00	Pass	Default
		5670	15.14	≤24.00	Pass	Default
		5710	14.75	≤24.00	Pass	Default
		5710	14.75	≤30.00	Pass	Default
		5755	14.60	≤30.00	Pass	Default
		5795	14.33	≤30.00	Pass	Default
802.11ac	SISO	5210	7.59	≤24.00	Pass	10



(VHT80)		5290	11.63	≤24.00	Pass	Default
		5530	12.63	≤24.00	Pass	Default
		5610	12.80	≤24.00	Pass	Default
		5690	12.77	≤24.00	Pass	Default
		5690	12.77	≤30.00	Pass	Default
		5775	11.68	≤30.00	Pass	Default
Note1: Conducted Power=Measured Power +Duty Cycle Factor						

**SPOT CHECK**

Mode	TX Type	Freq. (MHz)	Maximum Conducted Output Power (dBm)		Verdict	Power Setting
			Ant1	Limit		
802.11a	SISO	5500	15.93	≤24.00	Pass	Default
		5745	15.18	≤30.00	Pass	Default



### MAXIMUM POWER SPECTRAL DENSITY TEST RESULT

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	2.02	≤11.00	PASS
		5200	2.06	≤11.00	PASS
		5240	2.07	≤11.00	PASS
		5260	2.21	≤11.00	PASS
		5300	1.65	≤11.00	PASS
		5320	1.5	≤11.00	PASS
		5500	2.96	≤11.00	PASS
		5580	2.45	≤11.00	PASS
		5700	1.72	≤11.00	PASS
		5720_UNII-2C	-15.02	≤11.00	PASS
		5720_UNII-3	-18.44	≤11.00	PASS
		5745	-1.37	≤30.00	PASS
		5785	-1.4	≤30.00	PASS
		5825	-1.87	≤30.00	PASS
11N20SISO	Ant1	5180	1.96	≤11.00	PASS
		5200	1.87	≤11.00	PASS
		5240	2.34	≤11.00	PASS
		5260	1.77	≤11.00	PASS
		5300	1.04	≤11.00	PASS
		5320	1.18	≤11.00	PASS
		5500	2.34	≤11.00	PASS
		5580	2.04	≤11.00	PASS
		5700	1.12	≤11.00	PASS
		5720_UNII-2C	-15.2	≤11.00	PASS
		5720_UNII-3	-17.77	≤11.00	PASS
		5745	-1.89	≤30.00	PASS
		5785	-2.14	≤30.00	PASS
		5825	-2.65	≤30.00	PASS
11N40SISO	Ant1	5190	-2.18	≤11.00	PASS
		5230	-1.46	≤11.00	PASS
		5270	-1.71	≤11.00	PASS





		5310	-2.16	≤11.00	PASS
		5510	-0.78	≤11.00	PASS
		5550	-0.96	≤11.00	PASS
		5670	-1.54	≤11.00	PASS
		5710_UNII-2C	-17.51	≤11.00	PASS
		5710_UNII-3	-20.11	≤11.00	PASS
		5755	-4.59	≤30.00	PASS
		5795	-5.08	≤30.00	PASS
11AC20SISO	Ant1	5180	1.56	≤11.00	PASS
		5200	1.58	≤11.00	PASS
		5240	1.98	≤11.00	PASS
		5260	1.54	≤11.00	PASS
		5300	1.1	≤11.00	PASS
		5320	0.76	≤11.00	PASS
		5500	2.09	≤11.00	PASS
		5580	2.09	≤11.00	PASS
		5700	1.15	≤11.00	PASS
		5720_UNII-2C	-15.22	≤11.00	PASS
		5720_UNII-3	-17.89	≤11.00	PASS
		5745	-1.99	≤30.00	PASS
		5785	-1.89	≤30.00	PASS
		5825	-2.69	≤30.00	PASS
11AC40SISO	Ant1	5190	-1.9	≤11.00	PASS
		5230	-1.79	≤11.00	PASS
		5270	-1.69	≤11.00	PASS
		5310	-2.4	≤11.00	PASS
		5510	-0.47	≤11.00	PASS
		5550	-0.54	≤11.00	PASS
		5670	-1.25	≤11.00	PASS
		5710_UNII-2C	-17.86	≤11.00	PASS
		5710_UNII-3	-20.25	≤11.00	PASS
		5755	-4.36	≤30.00	PASS
		5795	-5.05	≤30.00	PASS
11AC80SISO	Ant1	5210	-6.59	≤11.00	PASS
		5290	-6.3	≤11.00	PASS



		5530	-5.21	≤11.00	PASS
		5610	-4.32	≤11.00	PASS
		5690_UNII-2C	-21.73	≤11.00	PASS
		5690_UNII-3	-28.11	≤11.00	PASS
		5775	-8.55	≤30.00	PASS

Note: 1. The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.  
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.



BUREAU VERITAS

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### TEST GRAPHS

11A\_Ant1\_5180



11A\_Ant1\_5200



11A\_Ant1\_5240



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11A\_Ant1\_5260



11A\_Ant1\_5300



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11A\_Ant1\_5320



11A\_Ant1\_5500



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11A\_Ant1\_5580



11A\_Ant1\_5700

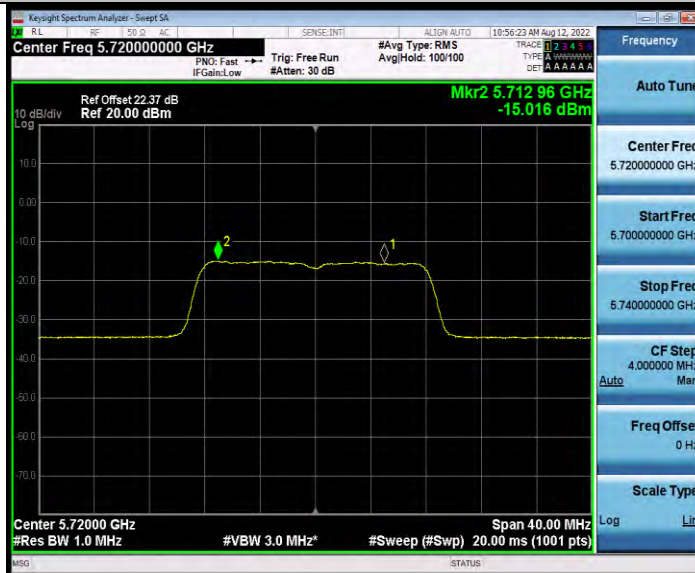


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11A\_Ant1\_5720\_UNII-2C

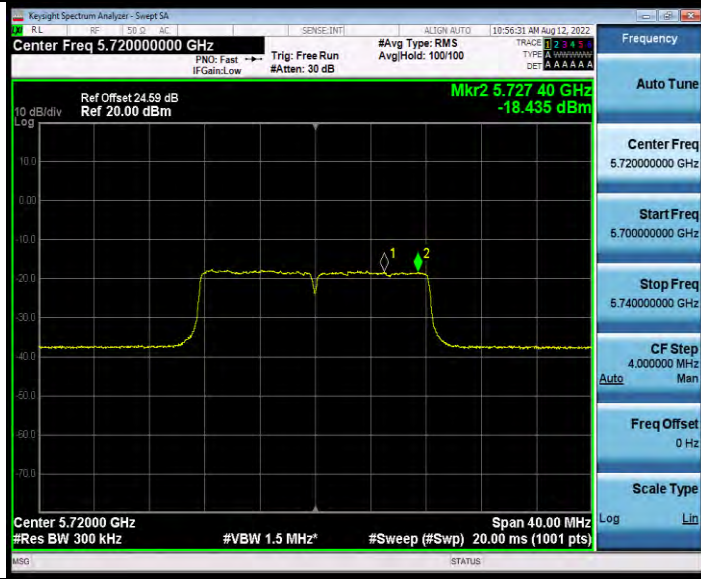


11A\_Ant1\_5720\_UNII-3



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11A\_Ant1\_5745



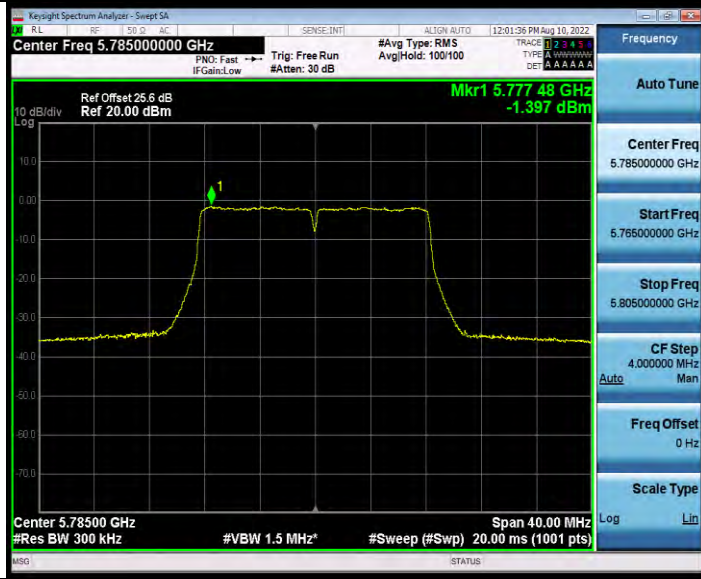
11A\_Ant1\_5785





BUREAU VERITAS

Test Report No.: W7L-P22080003RF03



11A\_Ant1\_5825



11N20SISO\_Ant1\_5180



BUREAU VERITAS

Test Report No.: W7L-P22080003RF03



11N20SISO\_Ant1\_5200

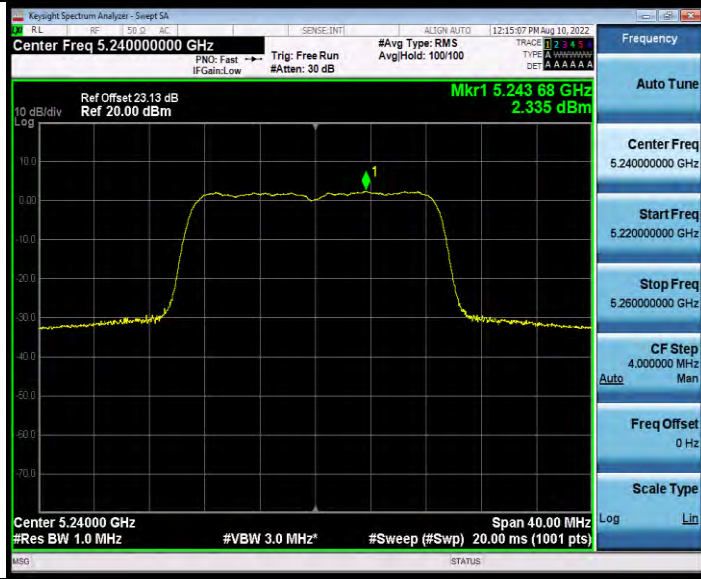


11N20SISO\_Ant1\_5240



BUREAU VERITAS

Test Report No.: W7L-P22080003RF03



11N20SISO\_Ant1\_5260

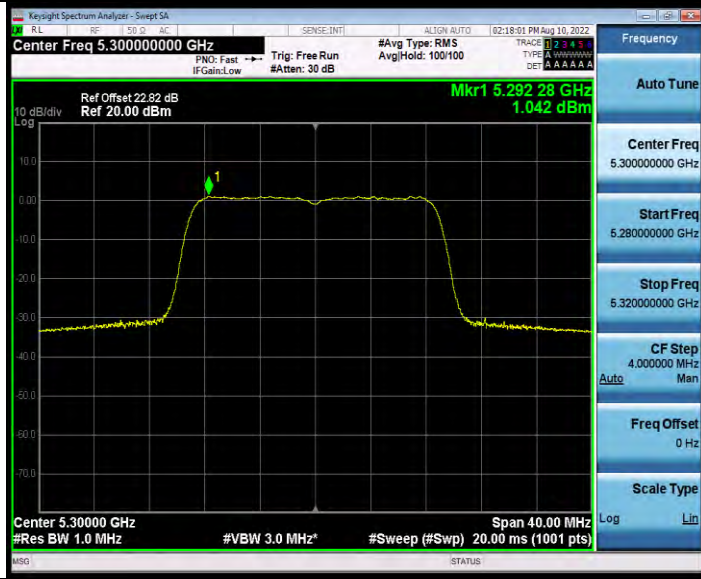


11N20SISO\_Ant1\_5300

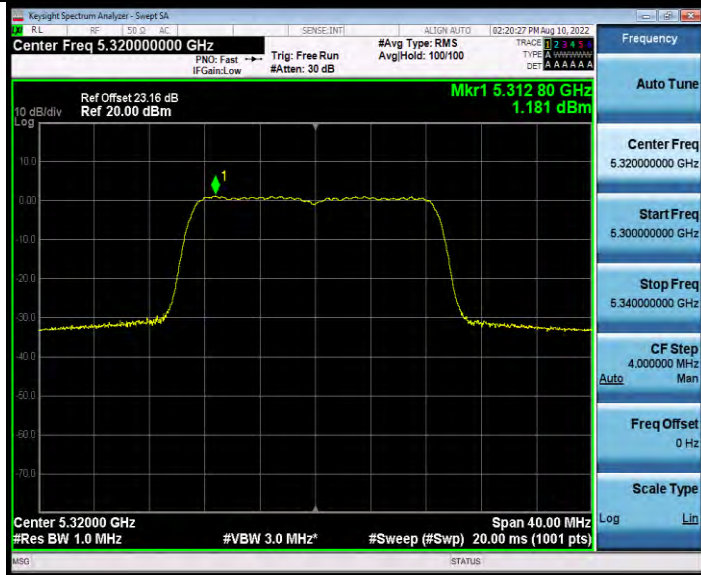


BUREAU VERITAS

Test Report No.: W7L-P22080003RF03



11N20SISO\_Ant1\_5320

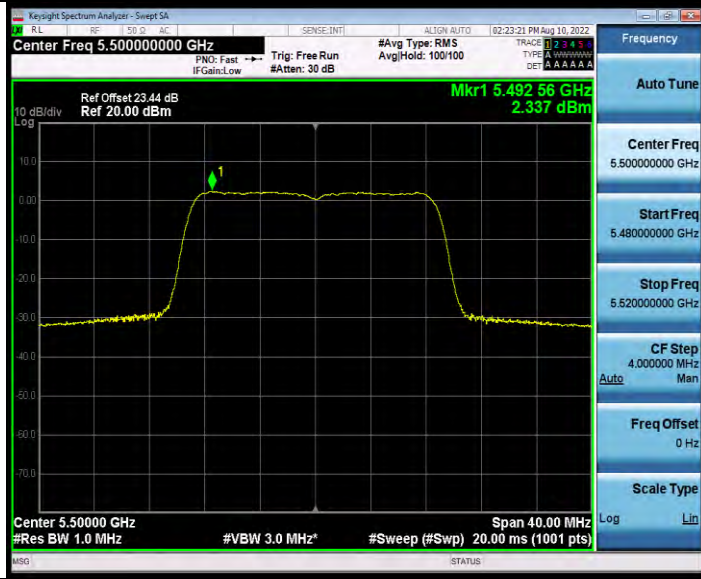


11N20SISO\_Ant1\_5500



BUREAU VERITAS

Test Report No.: W7L-P22080003RF03



11N20SISO\_Ant1\_5580

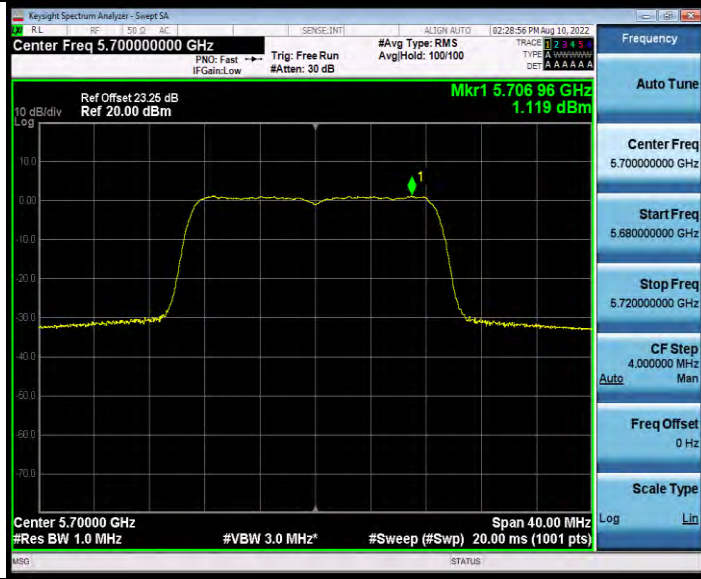


11N20SISO\_Ant1\_5700



BUREAU VERITAS

Test Report No.: W7L-P22080003RF03



11N20SISO\_Ant1\_5720\_UNII-2C

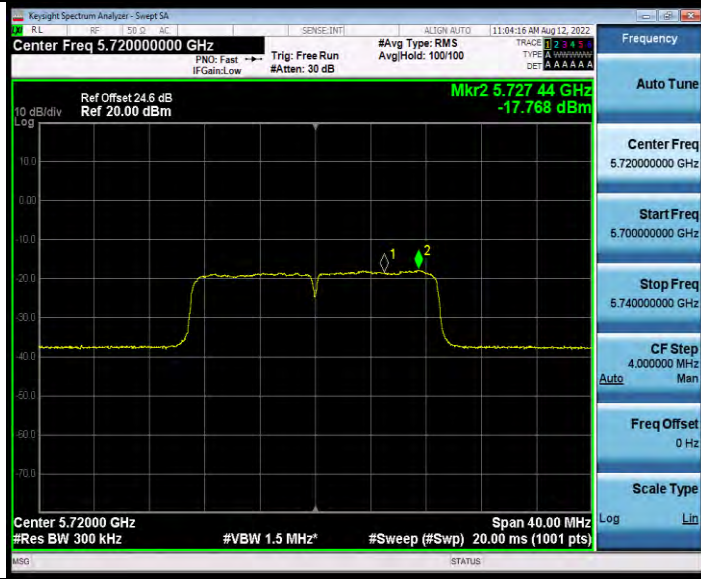


11N20SISO\_Ant1\_5720\_UNII-3



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11N20SISO\_Ant1\_5745



11N20SISO\_Ant1\_5785



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11N20SISO\_Ant1\_5825



11N40SISO\_Ant1\_5190





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11N40SISO\_Ant1\_5230



11N40SISO\_Ant1\_5270



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Test Report No.: W7L-P22080003RF03



11N40SISO\_Ant1\_5310

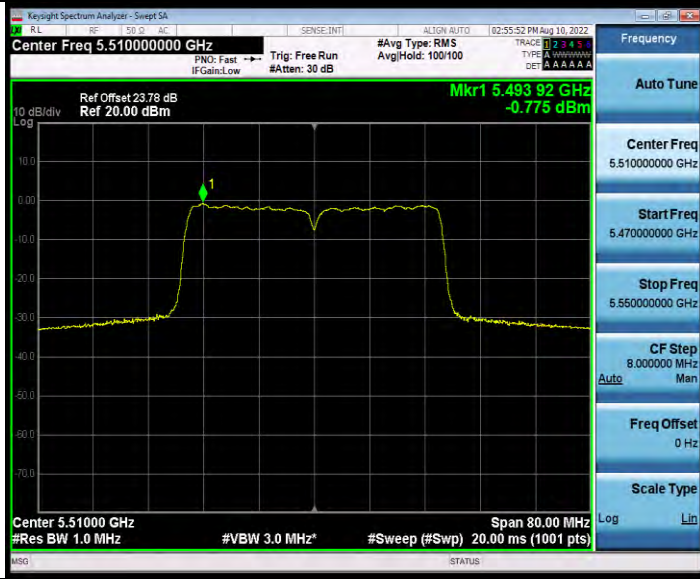


11N40SISO\_Ant1\_5510



BUREAU VERITAS

Test Report No.: W7L-P22080003RF03



11N40SISO\_Ant1\_5550



11N40SISO\_Ant1\_5670

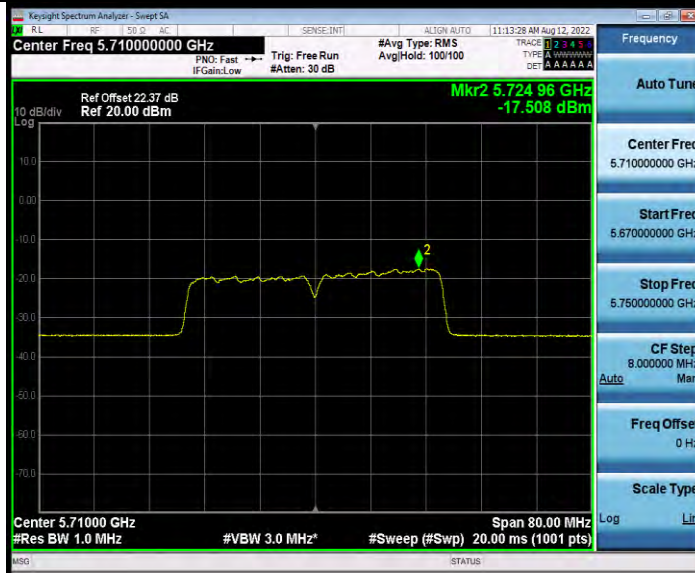


BUREAU VERITAS

Test Report No.: W7L-P22080003RF03



11N40SISO\_Ant1\_5710\_UNII-2C

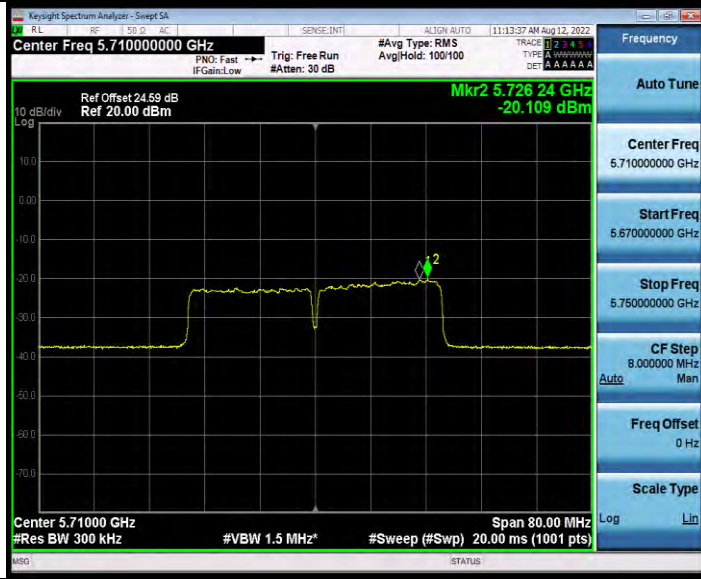


11N40SISO\_Ant1\_5710\_UNII-3

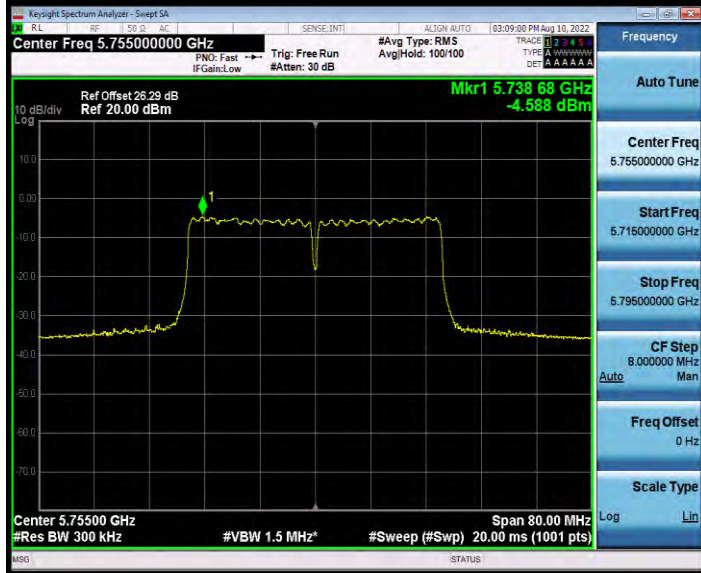


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Test Report No.: W7L-P22080003RF03



11N40SISO\_Ant1\_5755

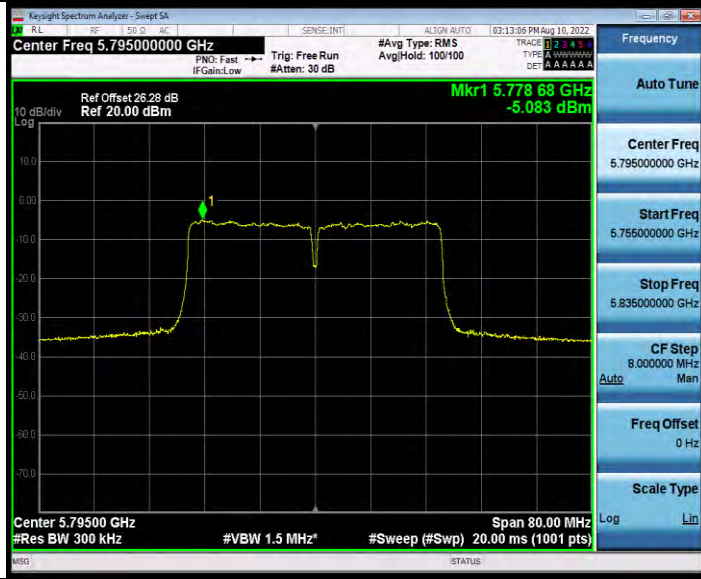


11N40SISO\_Ant1\_5795

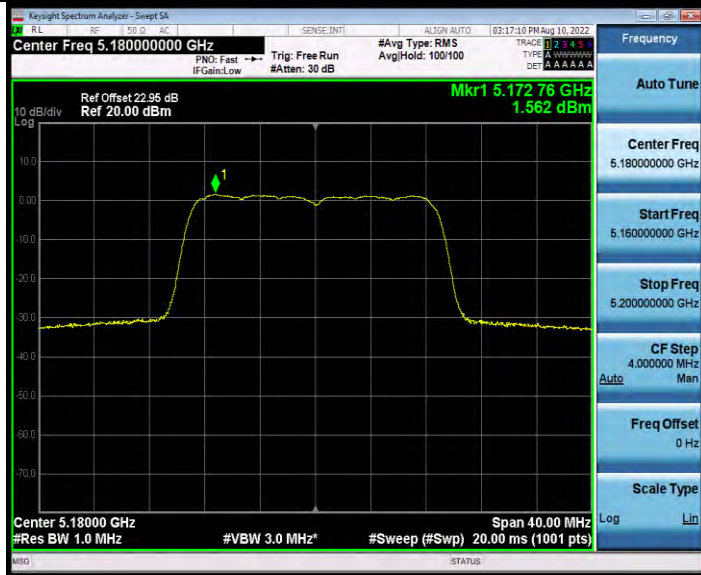


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Test Report No.: W7L-P22080003RF03



11AC20SISO\_Ant1\_5180



11AC20SISO\_Ant1\_5200



BUREAU VERITAS

Test Report No.: W7L-P22080003RF03



11AC20SISO\_Ant1\_5240

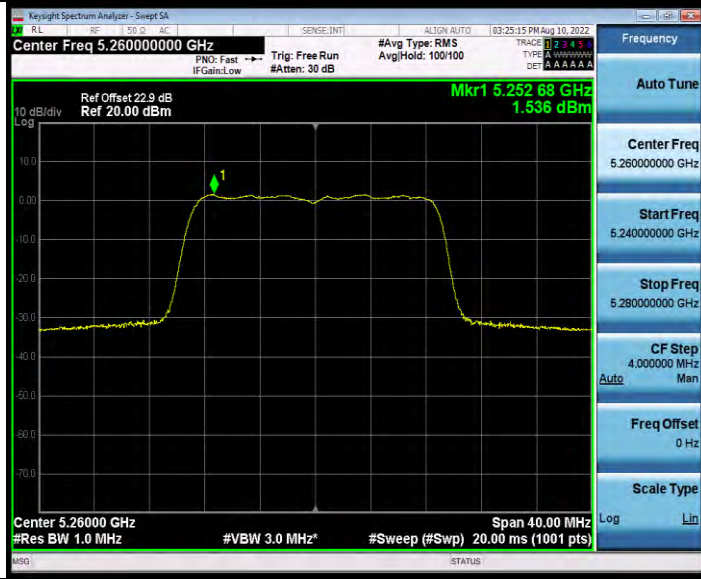


11AC20SISO\_Ant1\_5260



BUREAU VERITAS

Test Report No.: W7L-P22080003RF03



11AC20SISO\_Ant1\_5300



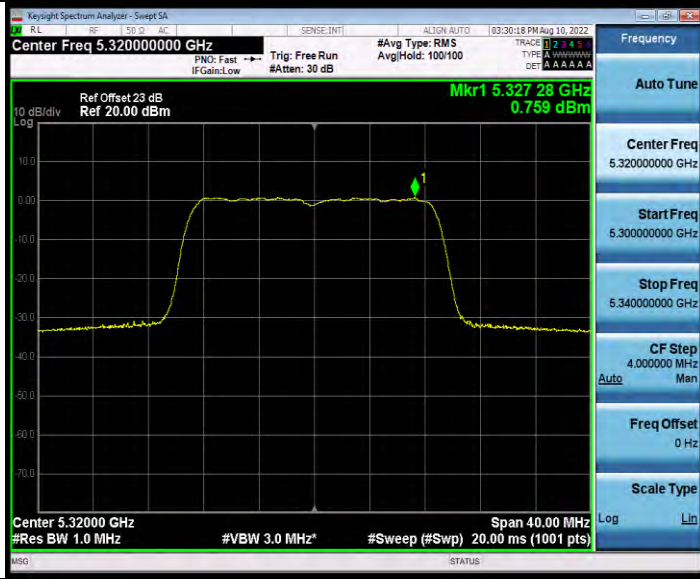
11AC20SISO\_Ant1\_5320





BUREAU VERITAS

Test Report No.: W7L-P22080003RF03



11AC20SISO\_Ant1\_5500

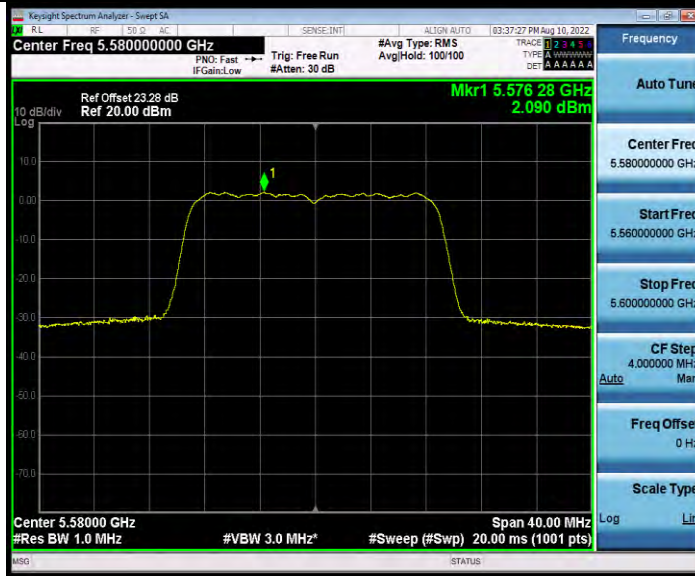


11AC20SISO\_Ant1\_5580



BUREAU VERITAS

Test Report No.: W7L-P22080003RF03



11AC20SISO\_Ant1\_5700

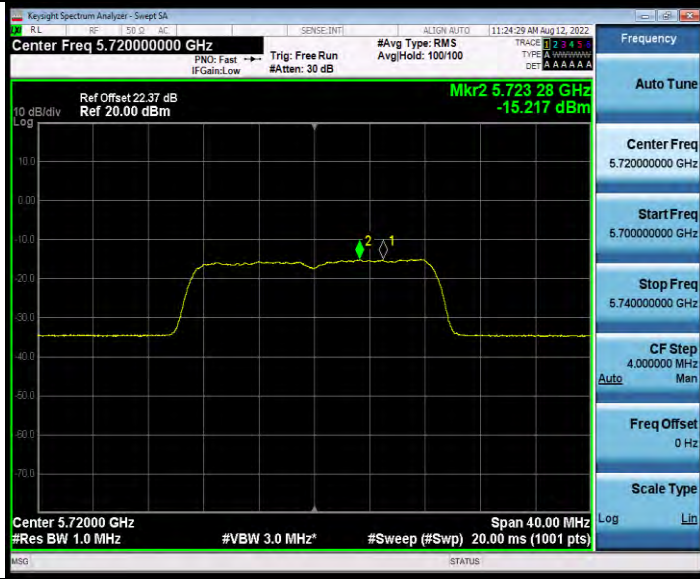


11AC20SISO\_Ant1\_5720\_UNII-2C

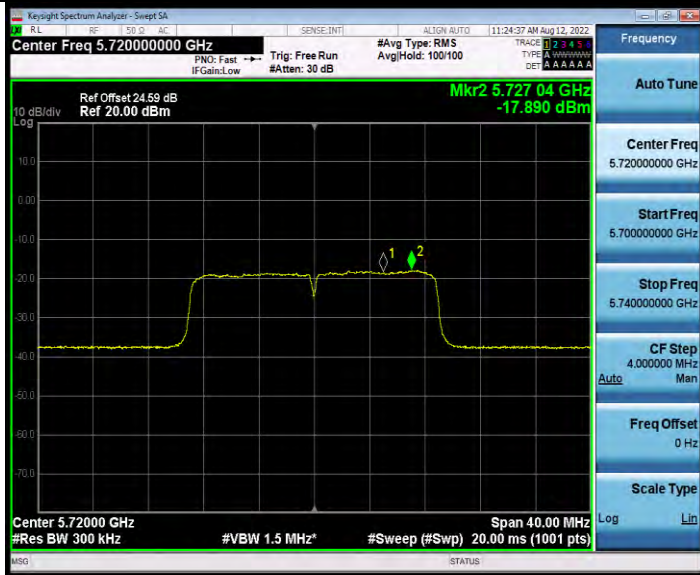


BUREAU VERITAS

Test Report No.: W7L-P22080003RF03



11AC20SISO\_Ant1\_5720\_UNII-3



11AC20SISO\_Ant1\_5745

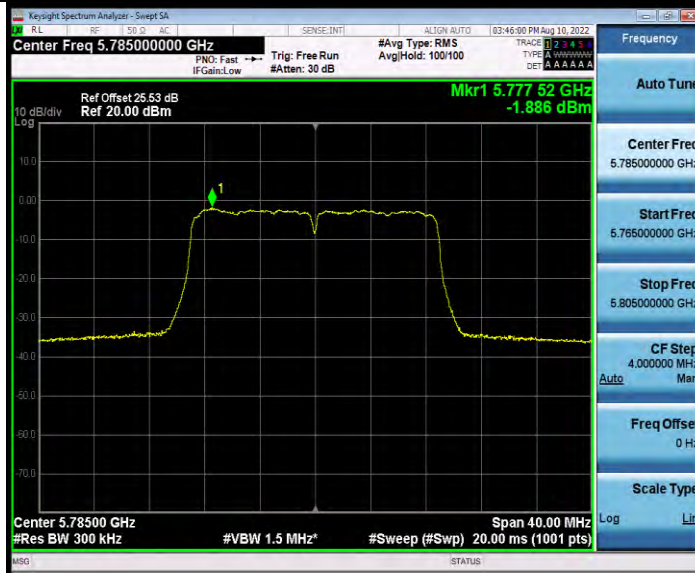


BUREAU VERITAS

Test Report No.: W7L-P22080003RF03



11AC20SISO\_Ant1\_5785



11AC20SISO\_Ant1\_5825



BUREAU VERITAS

Test Report No.: W7L-P22080003RF03



11AC40SISO\_Ant1\_5190



11AC40SISO\_Ant1\_5230



BUREAU VERITAS

Test Report No.: W7L-P22080003RF03



11AC40SISO\_Ant1\_5270

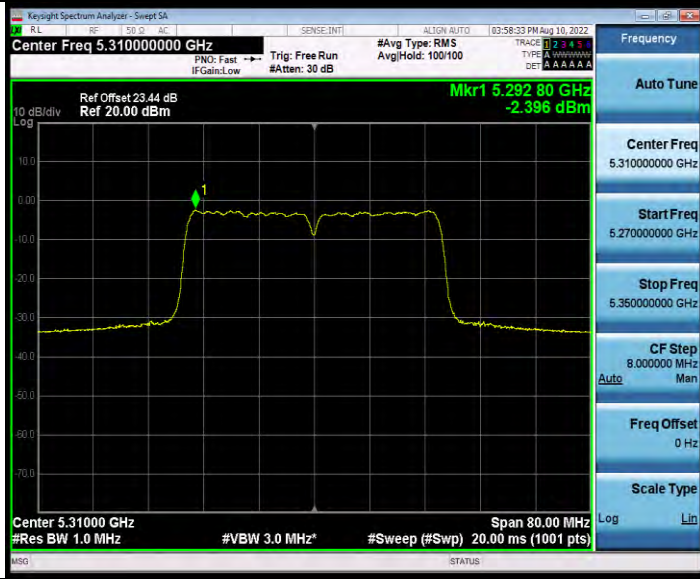


11AC40SISO\_Ant1\_5310



BUREAU VERITAS

Test Report No.: W7L-P22080003RF03



11AC40SISO\_Ant1\_5510

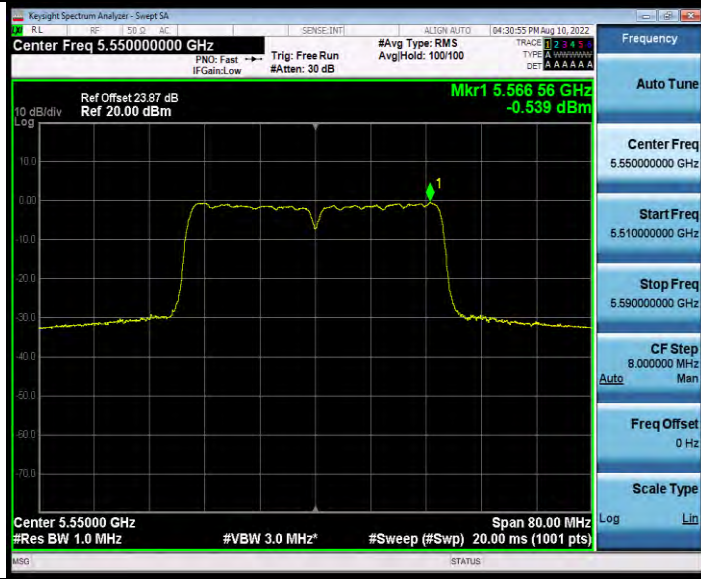


11AC40SISO\_Ant1\_5550



BUREAU VERITAS

Test Report No.: W7L-P22080003RF03



11AC40SISO\_Ant1\_5670



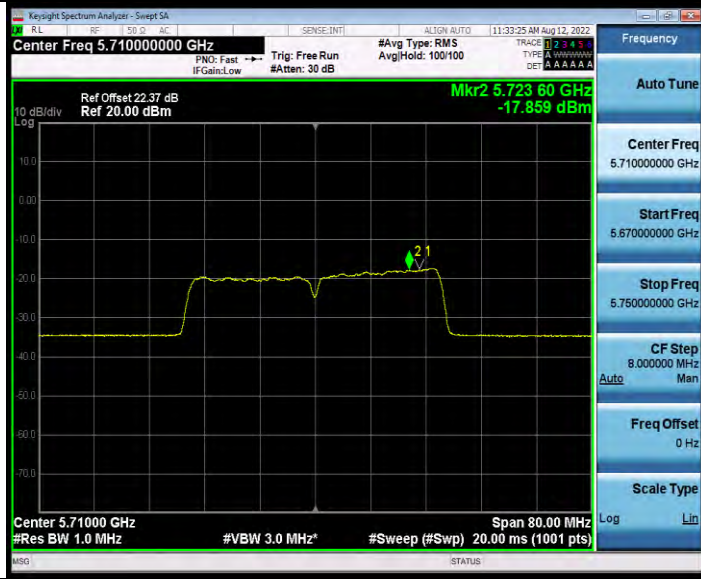
11AC40SISO\_Ant1\_5710\_UNII-2C



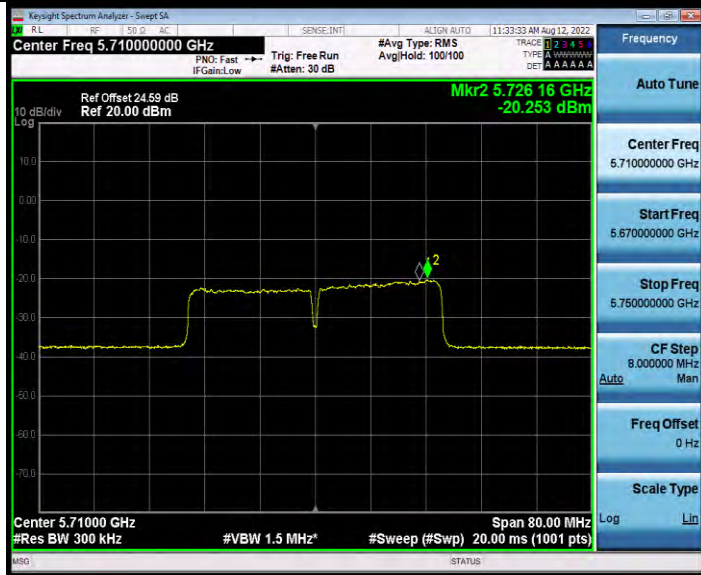


BUREAU VERITAS

Test Report No.: W7L-P22080003RF03



11AC40SISO\_Ant1\_5710\_UNII-3



11AC40SISO\_Ant1\_5755



BUREAU VERITAS

Test Report No.: W7L-P22080003RF03



11AC40SISO\_Ant1\_5795

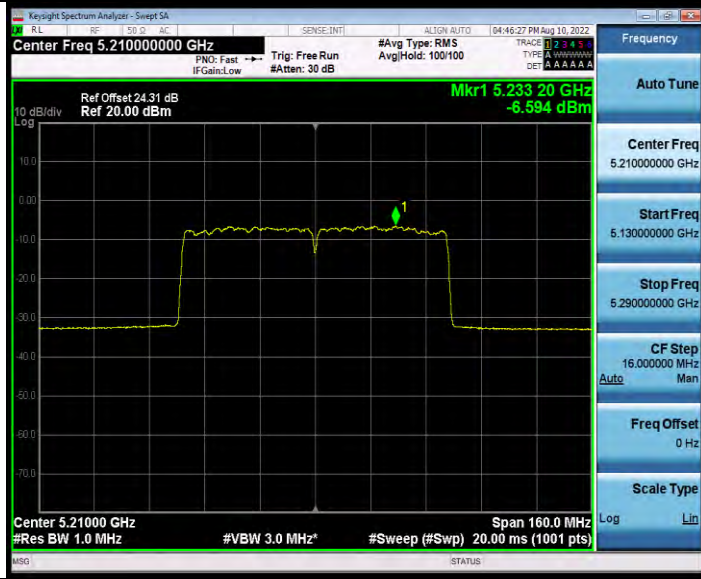


11AC80SISO\_Ant1\_5210



BUREAU VERITAS

Test Report No.: W7L-P22080003RF03



11AC80SISO\_Ant1\_5290



11AC80SISO\_Ant1\_5530

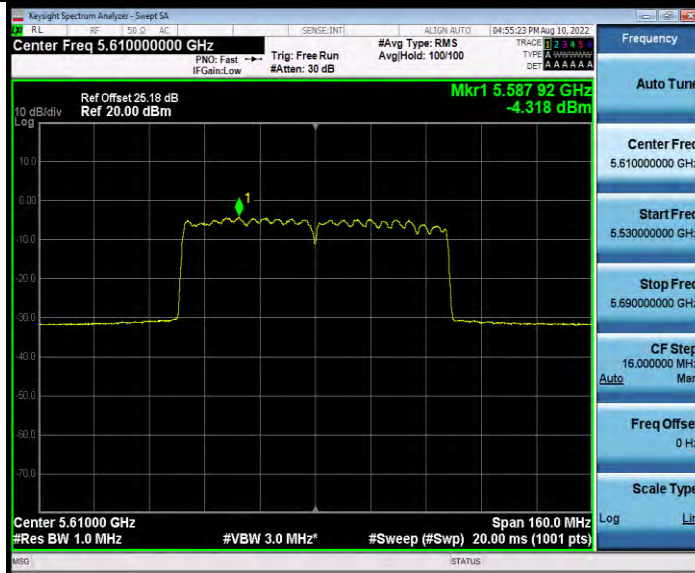


BUREAU VERITAS

Test Report No.: W7L-P22080003RF03



11AC80SISO\_Ant1\_5610



11AC80SISO\_Ant1\_5690\_UNII-2C



BUREAU VERITAS

Test Report No.: W7L-P22080003RF03



11AC80SISO\_Ant1\_5690\_UNII-3



11AC80SISO\_Ant1\_5775



**BUREAU  
VERITAS**

Test Report No.: W7L-P22080003RF03

