



MAXIMUM CONDUCTED OUTPUT POWER

TEST RESULT

BV Power Table For_U-NII-1										
Test Mode	TX Mod.	Freq. (MHz)	Ant.	Maximum Conducted Power (dBm)	FCC Conducted Power Limit (dBm)	IC Conducted Power Limit (dBm)	EIRP (dBm)	IC EIRP Limit	Verdict	Power Setting
11A	SISO	5180	Ant1	9.88	≤24.00	----	1.88	≤22.32	Pass	default
		5200	Ant1	10.05	≤24.00	----	2.05	≤22.32	Pass	default
		5240	Ant1	9.90	≤24.00	----	1.90	≤22.32	Pass	default
11N20	SISO	5180	Ant1	9.47	≤24.00	----	1.47	≤22.51	Pass	default
		5200	Ant1	9.96	≤24.00	----	1.96	≤22.51	Pass	default
		5240	Ant1	10.02	≤24.00	----	2.02	≤22.51	Pass	default

Note:The Maximum Conducted Power with duty cycle factor.

BV Power Table For_U-NII-2A											
Test Mode	TX Mod.	Freq. (MHz)	Ant.	Maximum Conducted Power (dBm)	FCC Conducted Power Limit (dBm)	IC Conducted Power Limit (dBm)	EIRP (dBm)	FCC EIRP Limit	IC EIRP Limit	Verdict	Power Setting
11A	SISO	5260	Ant1	9.91	≤24.00	≤23.32	1.91	≤30.00	≤29.32	Pass	default
		5300	Ant1	8.55	≤24.00	≤23.32	0.55	≤30.00	≤29.32	Pass	default
		5320	Ant1	8.42	≤24.00	≤23.32	0.42	≤30.00	≤29.32	Pass	default
11N20	SISO	5260	Ant1	9.89	≤24.00	≤23.52	1.89	≤30.00	≤29.52	Pass	default
		5300	Ant1	8.50	≤24.00	≤23.52	0.50	≤30.00	≤29.52	Pass	default
		5320	Ant1	8.39	≤24.00	≤23.52	0.39	≤30.00	≤29.52	Pass	default

Note:The Maximum Conducted Power with duty cycle factor.



BV Power Table For_U-NII-2C											
Test Mode	TX Mod.	Freq. (MHz)	Ant.	Maximum Conducted Power (dBm)	FCC Conducted Power Limit (dBm)	IC Conducted Power Limit (dBm)	EIRP (dBm)	FCC EIRP Limit	IC EIRP Limit	Verdict	Power Setting
11A	SISO	5500	Ant1	7.37	≤24.00	≤23.29	-0.63	≤30.00	≤29.29	Pass	default
		5580	Ant1	7.66	≤24.00	≤23.29	-0.34	≤30.00	≤29.29	Pass	default
		5700	Ant1	8.56	≤24.00	≤23.29	0.56	≤30.00	≤29.29	Pass	default
		5720	Ant1	8.50	≤24.00	≤23.29	0.50	≤30.00	≤29.29	Pass	default
11N20	SISO	5500	Ant1	7.21	≤24.00	≤23.51	-0.79	≤30.00	≤29.51	Pass	default
		5580	Ant1	7.30	≤24.00	≤23.51	-0.70	≤30.00	≤29.51	Pass	default
		5700	Ant1	8.66	≤24.00	≤23.51	0.66	≤30.00	≤29.51	Pass	default
		5720	Ant1	8.36	≤24.00	≤23.51	0.36	≤30.00	≤29.51	Pass	default

Note: The Maximum Conducted Power with duty cycle factor.

BV Power Table For_U-NII-3									
Test Mode	TX Mod.	Freq. (MHz)	Ant.	Maximum Conducted Power (dBm)	Conducted Power Limit (dBm)	EIRP (dBm)	IC EIRP Limit	Verdict	Power Setting
11A	SISO	5745	Ant1	8.61	≤30.00	0.61	≤30.00	Pass	default
		5785	Ant1	8.54	≤30.00	0.54	≤30.00	Pass	default
		5825	Ant1	8.51	≤30.00	0.51	≤30.00	Pass	default
11N20	SISO	5745	Ant1	8.61	≤30.00	0.61	≤30.00	Pass	default
		5785	Ant1	8.56	≤30.00	0.56	≤30.00	Pass	default
		5825	Ant1	8.50	≤30.00	0.50	≤30.00	Pass	default

Note: The Maximum Conducted Power with duty cycle factor.

Note: The Duty Cycle Factor is compensated in the graph.



MAXIMUM POWER SPECTRAL DENSITY

TEST RESULT

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit [dBm/MHz]	EIRP [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	-0.51	≤11.00	-8.51	≤10.00	PASS
		5220	-0.12	≤11.00	-8.12	≤10.00	PASS
		5240	-0.29	≤11.00	-8.29	≤10.00	PASS
		5260	-0.22	≤11.00	-8.22	---	PASS
		5300	-1.44	≤11.00	-9.44	---	PASS
		5320	-1.73	≤11.00	-9.73	---	PASS
		5500	-2.49	≤11.00	-10.49	---	PASS
		5580	-1.78	≤11.00	-9.78	---	PASS
		5700	-1.74	≤11.00	-9.74	---	PASS
		5720_UNII-2C	-1.34	≤11.00	-9.34	---	PASS
		5720_UNII-3	-4.37	≤30.00	-12.37	---	PASS
		5745	-4.37	≤30.00	-12.37	---	PASS
		5785	-4.40	≤30.00	-12.40	---	PASS
		5825	-4.14	≤30.00	-12.14	---	PASS
11N20SISO	Ant1	5180	-0.76	≤11.00	-8.76	≤10.00	PASS
		5220	-0.43	≤11.00	-8.43	≤10.00	PASS
		5240	-0.30	≤11.00	-8.30	≤10.00	PASS
		5260	-0.16	≤11.00	-8.16	---	PASS
		5300	-1.64	≤11.00	-9.64	---	PASS
		5320	-1.86	≤11.00	-9.86	---	PASS
		5500	-2.99	≤11.00	-10.99	---	PASS
		5580	-2.26	≤11.00	-10.26	---	PASS
		5700	-1.80	≤11.00	-9.80	---	PASS
		5720_UNII-2C	-1.81	≤11.00	-9.81	---	PASS
		5720_UNII-3	-4.43	≤30.00	-12.43	---	PASS
		5745	-4.41	≤30.00	-12.41	---	PASS
		5785	-4.45	≤30.00	-12.45	---	PASS



Test Report No.: W7L-241112W001RF03

		5825	-4.30	≤30.00	-12.30	---	PASS
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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.



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TEST GRAPHS

11A_Ant1_5180



11A_Ant1_5220



11A_Ant1_5240

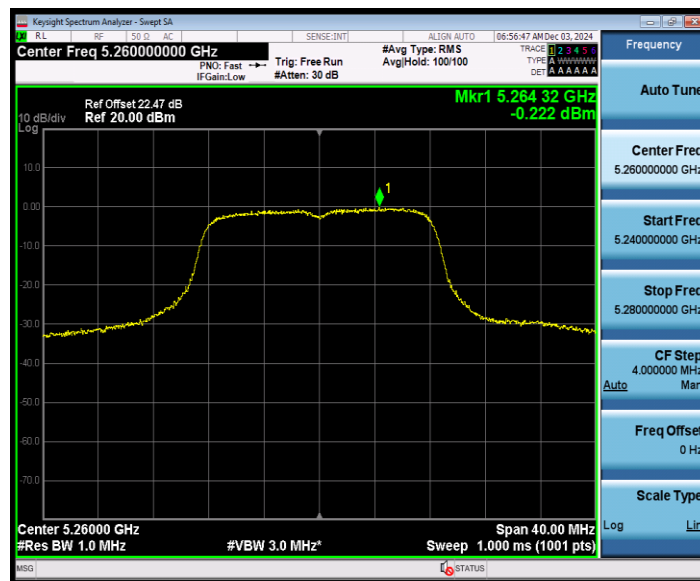


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11A_Ant1_5260



11A_Ant1_5300



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11A_Ant1_5320



11A_Ant1_5500

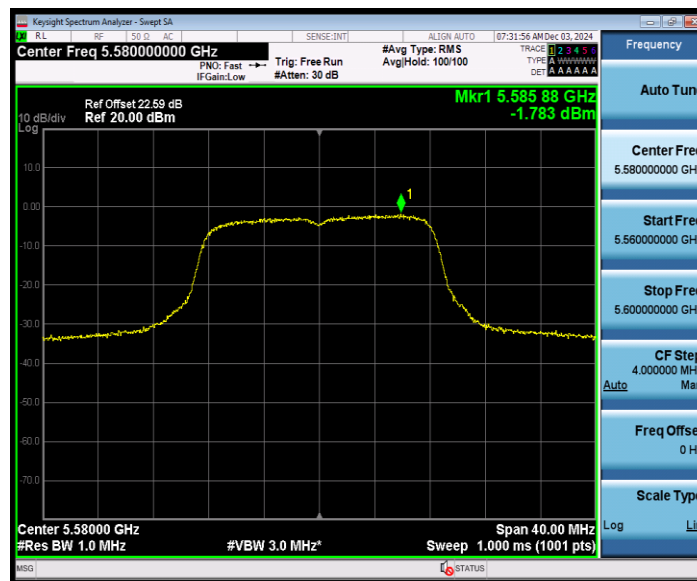


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11A_Ant1_5580



11A_Ant1_5700

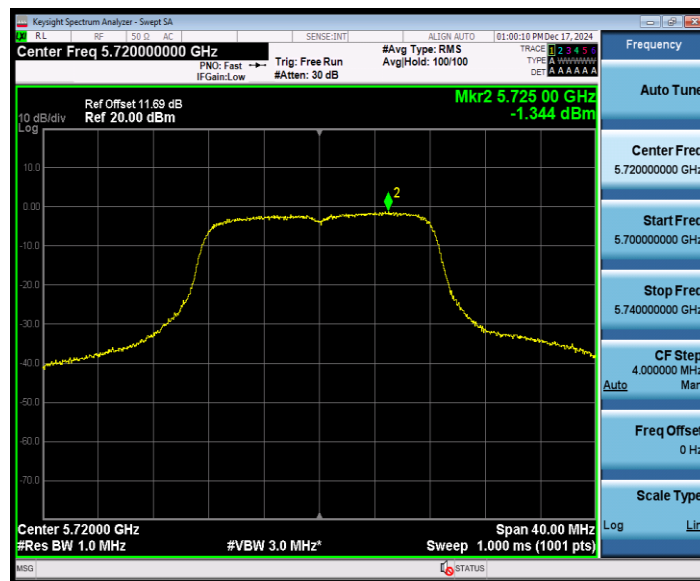


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11A_Ant1_5720_UNII-2C



11A_Ant1_5720_UNII-3

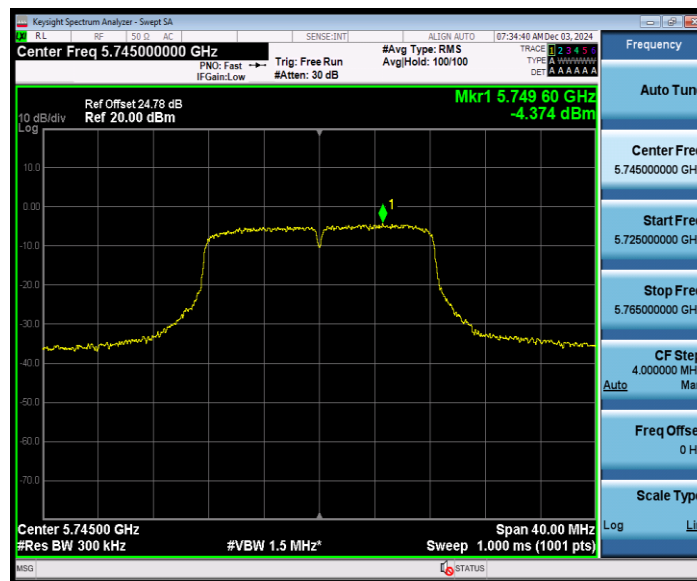


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11A_Ant1_5745



11A_Ant1_5785



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Test Report No.: W7L-241112W001RF03



11A_Ant1_5825



11N20SISO_Ant1_5180



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Test Report No.: W7L-241112W001RF03



11N20SISO_Ant1_5220

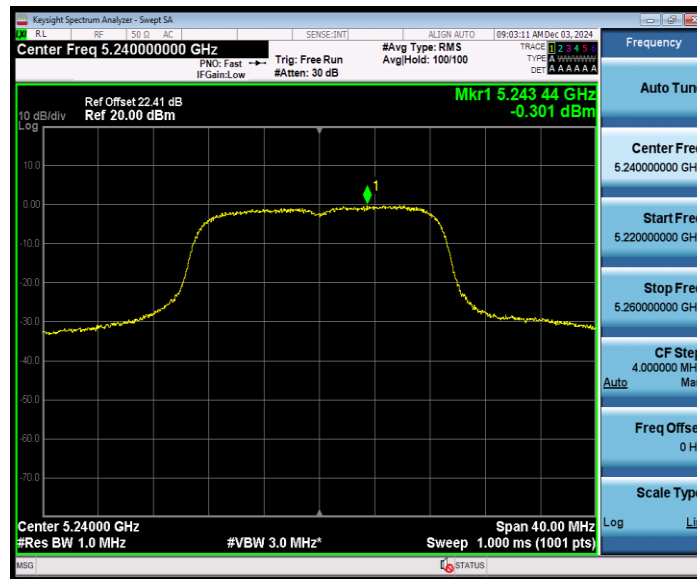


11N20SISO_Ant1_5240



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11N20SISO_Ant1_5260



11N20SISO_Ant1_5300



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Test Report No.: W7L-241112W001RF03



11N20SISO_Ant1_5320



11N20SISO_Ant1_5500

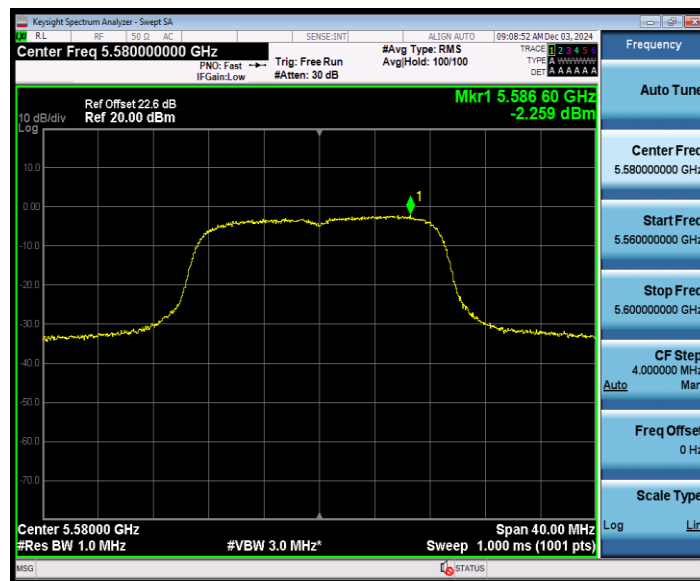


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11N20SISO_Ant1_5580



11N20SISO_Ant1_5700



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Test Report No.: W7L-241112W001RF03



11N20SISO_Ant1_5720_UNII-2C



11N20SISO_Ant1_5720_UNII-3

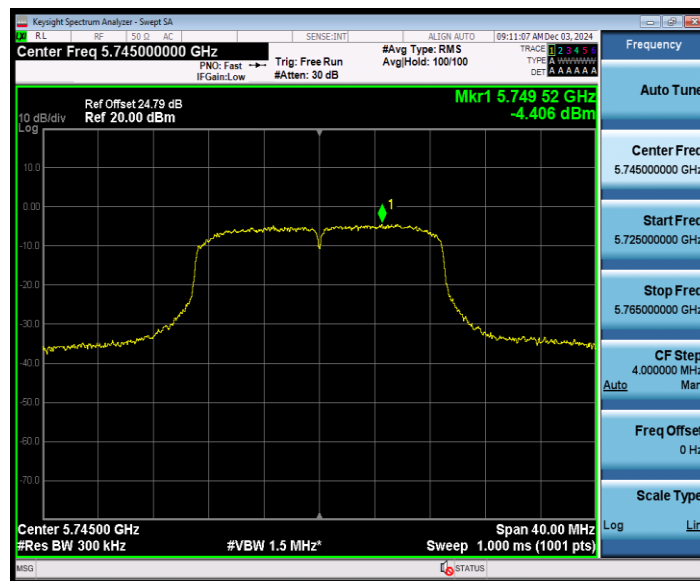


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11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



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Test Report No.: W7L-241112W001RF03



11N20SISO_Ant1_5825





LEFT

EMISSION BANDWIDTH

TEST RESULT

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	21.280	5169.560	5190.840	---	---
		5220	22.040	5208.840	5230.880	---	---
		5240	24.200	5229.160	5253.360	---	---
		5260	25.760	5249.080	5274.840	---	---
		5300	23.040	5288.520	5311.560	---	---
		5320	23.080	5308.040	5331.120	---	---
		5500	22.080	5489.080	5511.160	---	---
		5580	22.200	5569.040	5591.240	---	---
		5700	23.760	5689.000	5712.760	---	---
		5720	22.880	5708.440	5731.320	---	---
		5720_UNII-2C	16.56	5708.440	5725	---	---
		5720_UNII-3	6.32	5725	5731.320	---	---
11N20SISO	Ant1	5180	22.160	5169.000	5191.160	---	---
		5220	22.520	5208.800	5231.320	---	---
		5240	28.320	5228.480	5256.800	---	---
		5260	28.320	5248.840	5277.160	---	---
		5300	23.040	5288.480	5311.520	---	---
		5320	22.760	5308.800	5331.560	---	---
		5500	21.960	5489.320	5511.280	---	---
		5580	22.480	5569.040	5591.520	---	---
		5700	26.720	5688.560	5715.280	---	---
		5720	24.520	5707.640	5732.160	---	---
		5720_UNII-2C	17.36	5707.640	5725	---	---
		5720_UNII-3	7.16	5725	5732.160	---	---





Test Report No.: W7L-241112W001RF03



11A_Ant1_5260



11A Ant1 5300



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11A_Ant1_5320

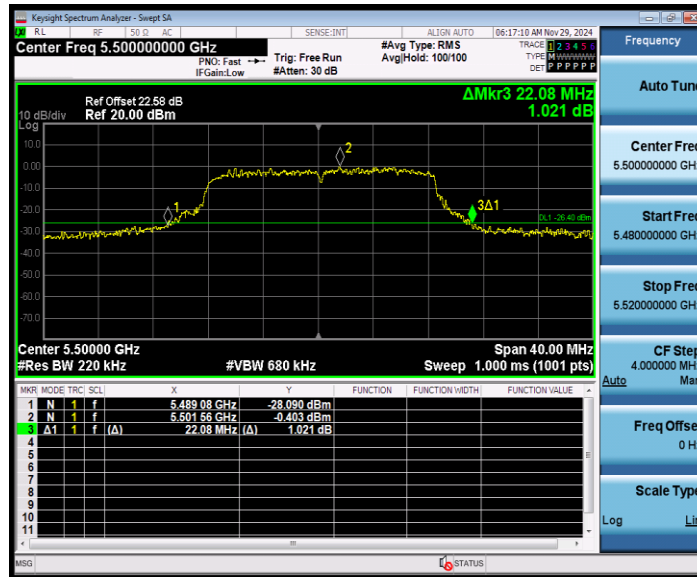


11A_Ant1_5500



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11A_Ant1_5580



11A_Ant1_5700



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11A_Ant1_5720



11N20SISO_Ant1_5180



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11N20SISO_Ant1_5220

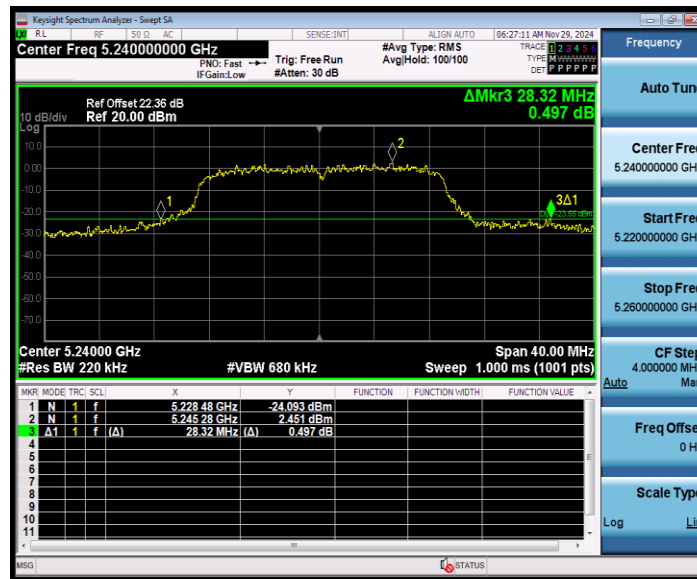


11N20SISO_Ant1_5240



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11N20SISO_Ant1_5260

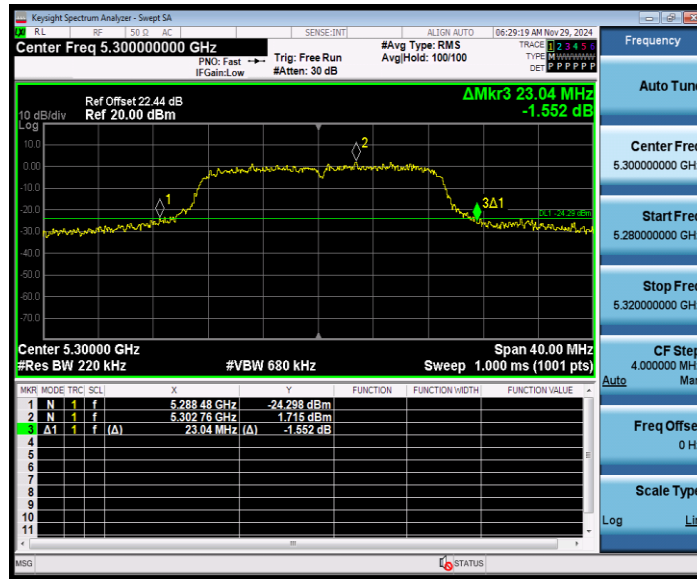


11N20SISO_Ant1_5300



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11N20SISO_Ant1_5320

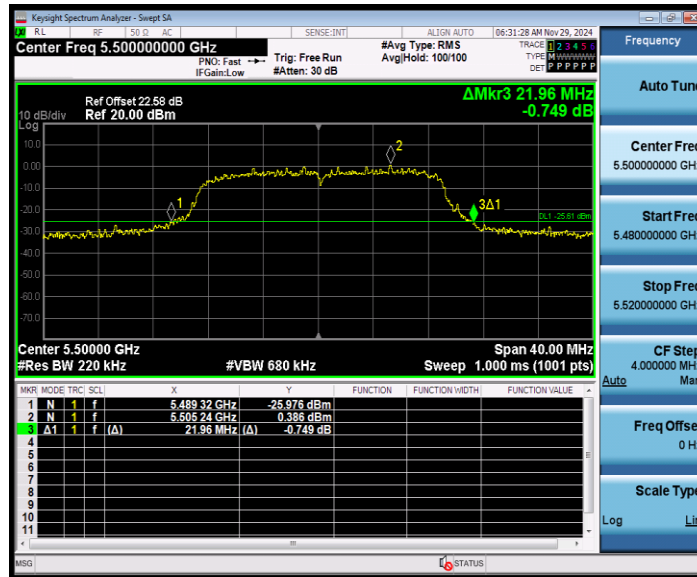


11N20SISO_Ant1_5500



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11N20SISO_Ant1_5580



11N20SISO_Ant1_5700



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Test Report No.: W7L-241112W001RF03



11N20SISO_Ant1_5720





OCCUPIED CHANNEL BANDWIDTH

TEST RESULT

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.100	5171.7171	5188.8171	---	---
		5220	17.181	5211.7316	5228.9126	---	---
		5240	17.073	5231.7483	5248.8213	---	---
		5260	17.155	5251.7299	5268.8849	---	---
		5300	17.138	5291.6942	5308.8322	---	---
		5320	17.122	5311.7555	5328.8775	---	---
		5500	17.029	5491.7991	5508.8281	---	---
		5580	17.139	5571.7666	5588.9056	---	---
		5700	17.201	5691.7303	5708.9313	---	---
		5720	17.168	5711.7421	5728.9101	---	---
		5720_UNII-2C	13.258	5711.7421	5725	---	---
		5720_UNII-3	3.91	5725	5728.9101	---	---
		5745	17.175	5736.7335	5753.9085	---	---
		5785	17.151	5776.7700	5793.9210	---	---
		5825	17.132	5816.7539	5833.8859	---	---
11N20SISO	Ant1	5180	17.894	5171.3617	5189.2557	---	---
		5220	17.918	5211.3594	5229.2774	---	---
		5240	17.864	5231.3594	5249.2234	---	---
		5260	17.890	5251.3510	5269.2410	---	---
		5300	17.868	5291.3566	5309.2246	---	---
		5320	17.843	5311.3737	5329.2167	---	---
		5500	17.832	5491.3854	5509.2174	---	---
		5580	17.843	5571.3886	5589.2316	---	---
		5700	17.889	5691.3669	5709.2559	---	---
		5720	17.922	5711.4122	5729.3342	---	---
		5720_UNII-2C	13.588	5711.4122	5725	---	---
		5720_UNII-3	4.334	5725	5729.3342	---	---



Test Report No.: W7L-241112W001RF03

		5745	17.919	5736.3885	5754.3075	---	---
		5785	17.878	5776.3751	5794.2531	---	---
		5825	17.852	5816.4012	5834.2532	---	---

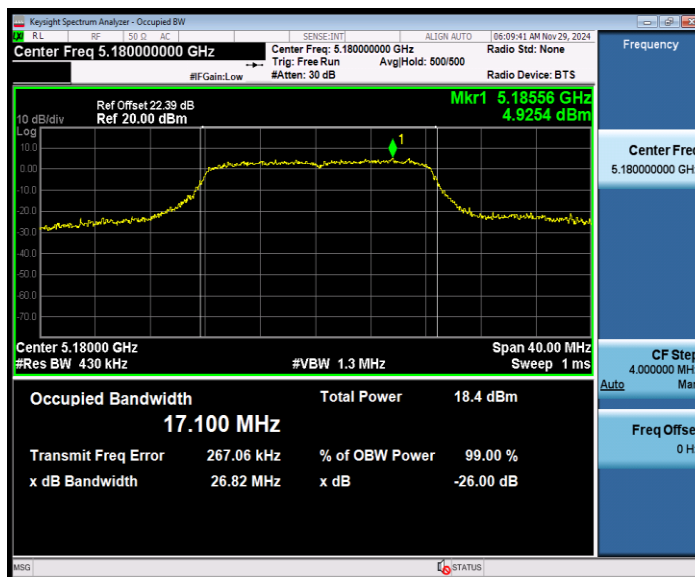


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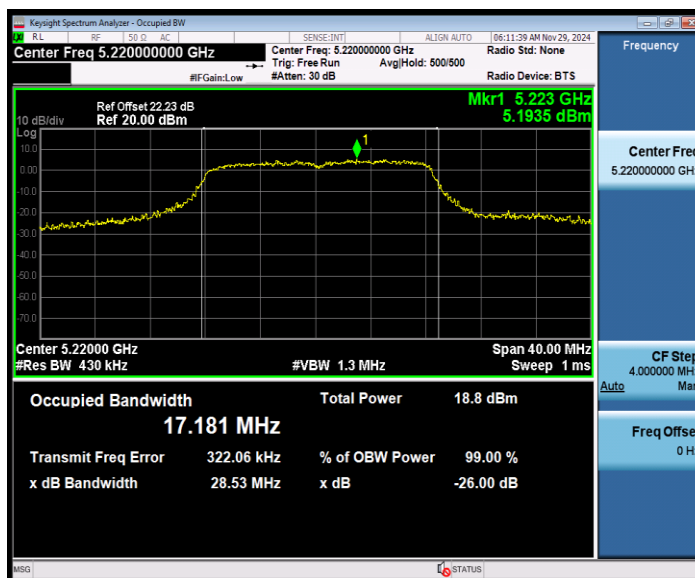
Test Report No.: W7L-241112W001RF03

TEST GRAPHS

11A_Ant1_5180



11A_Ant1_5220

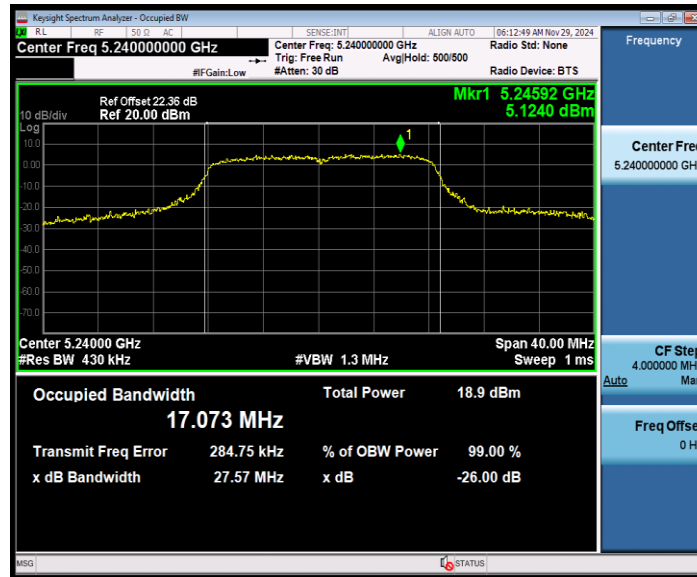


11A_Ant1_5240

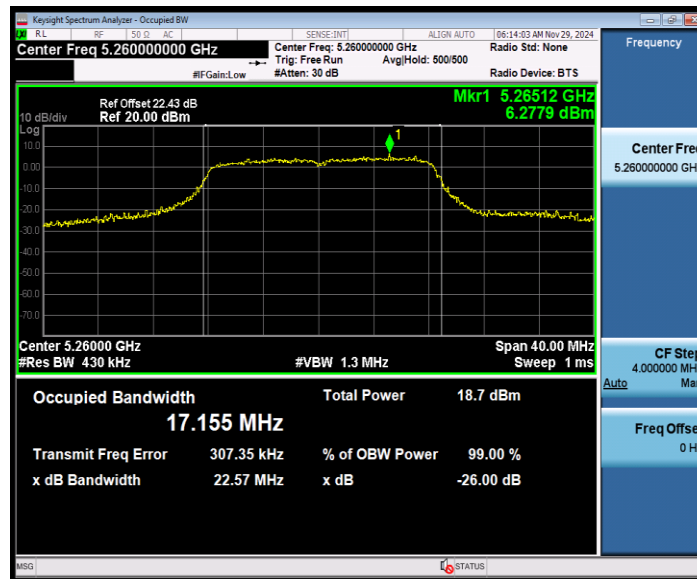


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11A_Ant1_5260



11A_Ant1_5300

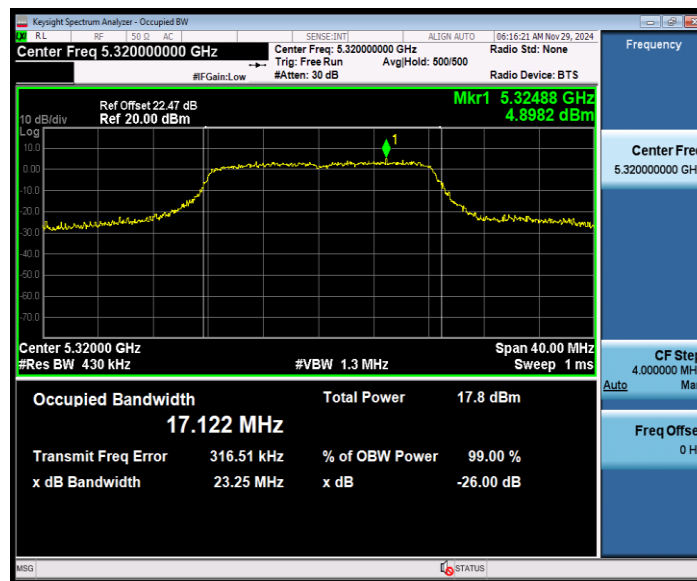


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11A_Ant1_5320



11A_Ant1_5500