



BUREAU
VERITAS

Reference No.: W7L-P24090006RF01



11AX20MIMO_Ant W1_5500



11AX20MIMO_Ant W0_5580



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Reference No.: W7L-P24090006RF01



11AX20MIMO_Ant W1 5580



11AX20MIMO_Ant W0 5700

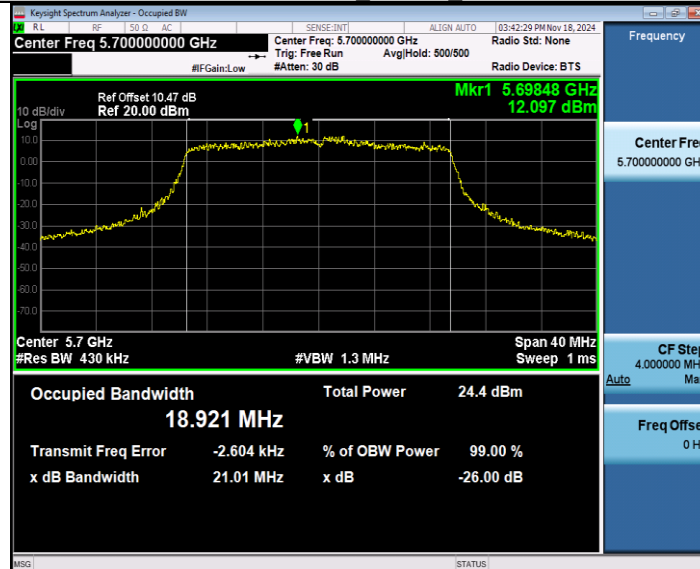


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Reference No.: W7L-P24090006RF01



11AX20MIMO_Ant W1_5700

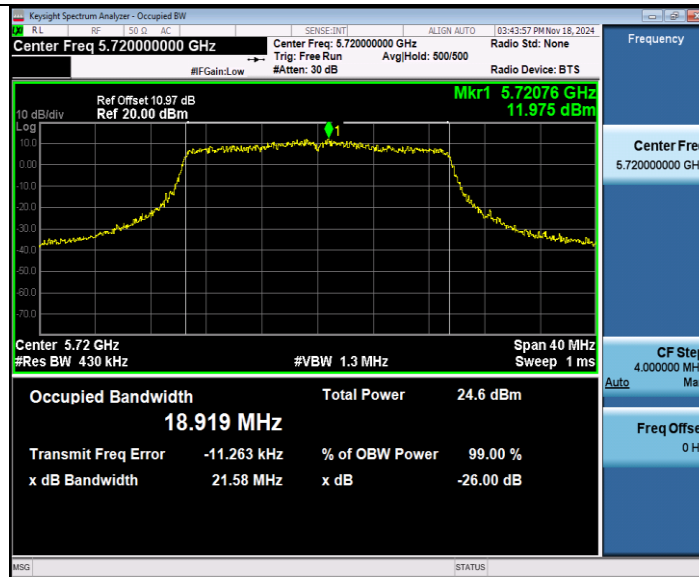


11AX20MIMO_Ant W0_5720



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Reference No.: W7L-P24090006RF01



11AX20MIMO_Ant W1 5720



11AX40MIMO_Ant W0 5190

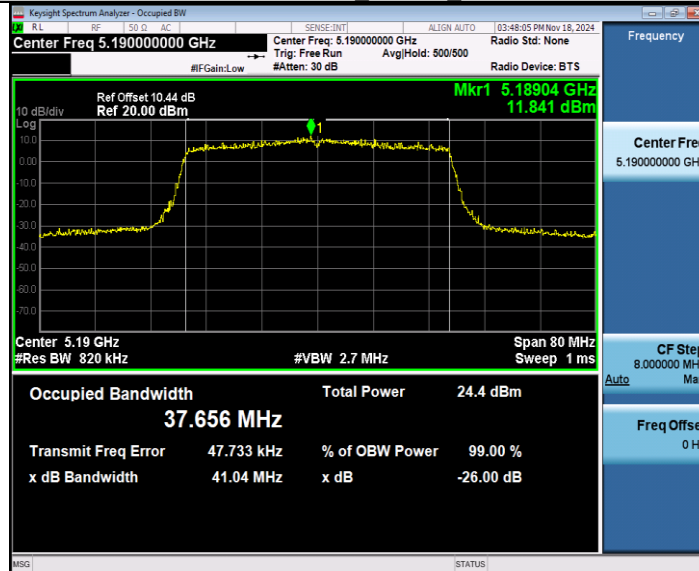


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11AX40MIMO_Ant W1_5190



11AX40MIMO_Ant W0_5230

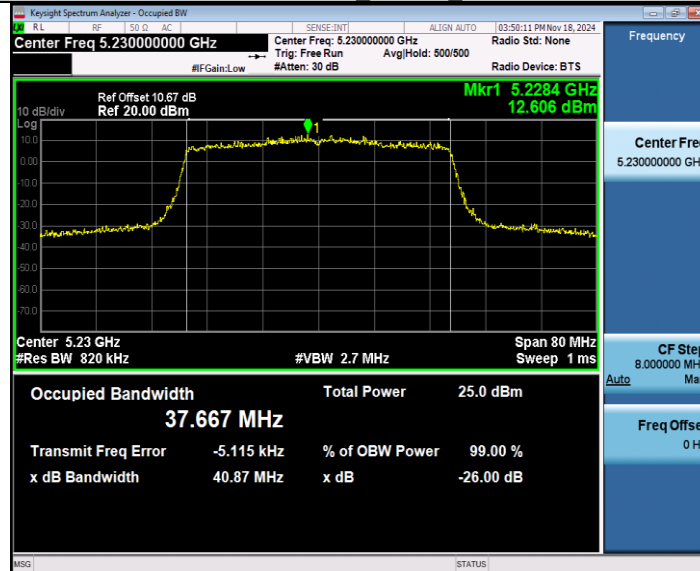


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Reference No.: W7L-P24090006RF01



11AX40MIMO_Ant W1_5230



11AX40MIMO_Ant W0_5270

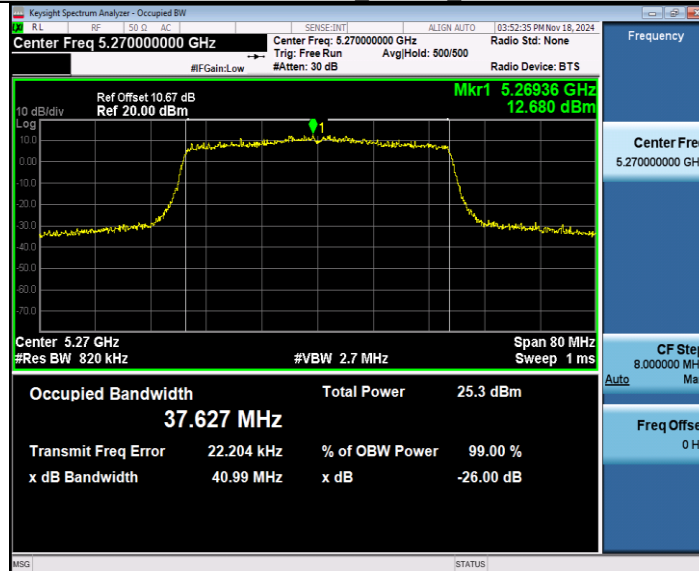


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Reference No.: W7L-P24090006RF01



11AX40MIMO_Ant W1 5270



11AX40MIMO_Ant W0 5310

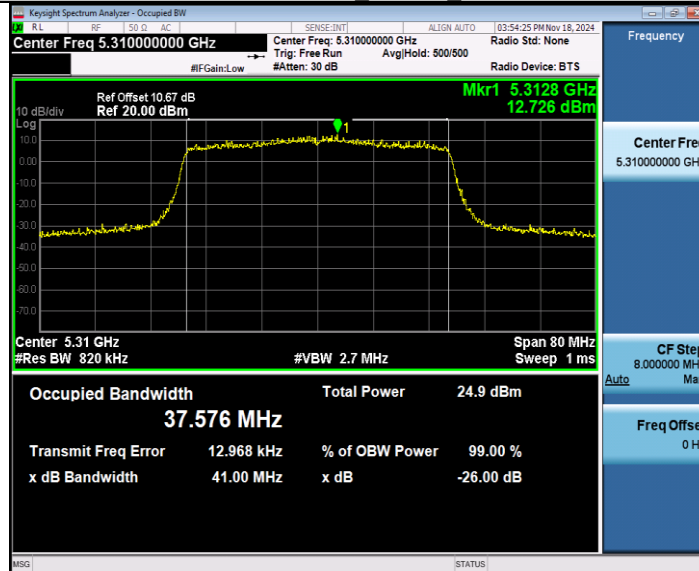


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Reference No.: W7L-P24090006RF01



11AX40MIMO_Ant W1 5310

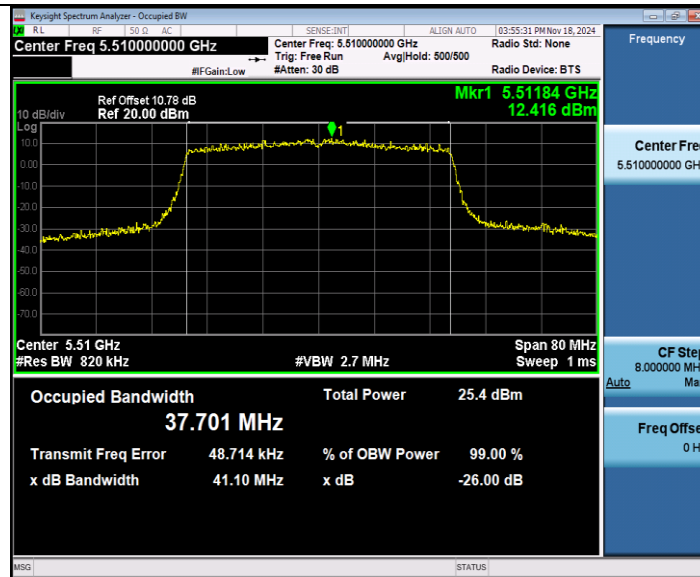


11AX40MIMO_Ant W0 5510

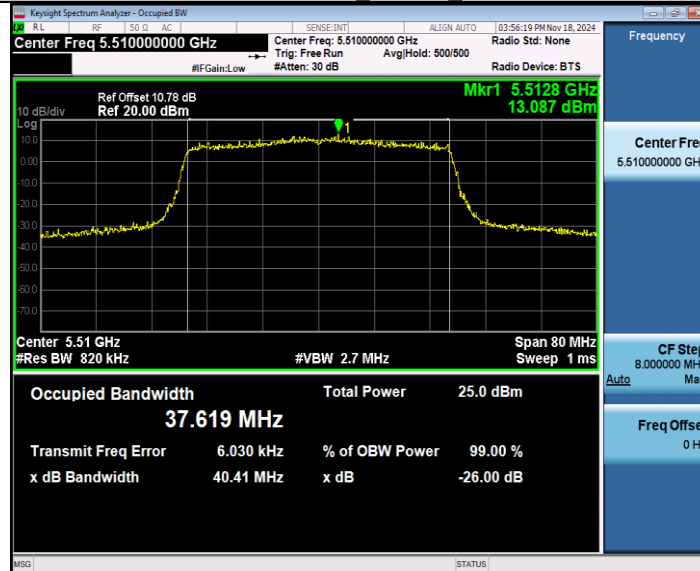


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11AX40MIMO_Ant W1_5510



11AX40MIMO_Ant W0_5550

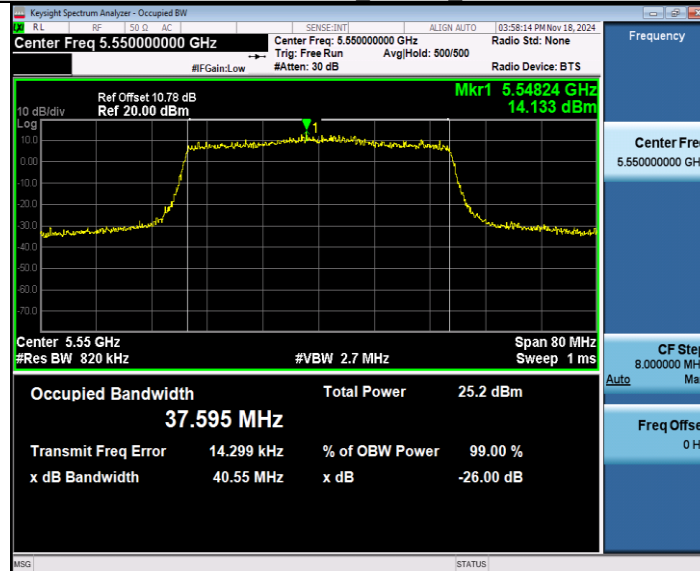


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11AX40MIMO_Ant W1_5550



11AX40MIMO_Ant W0_5670

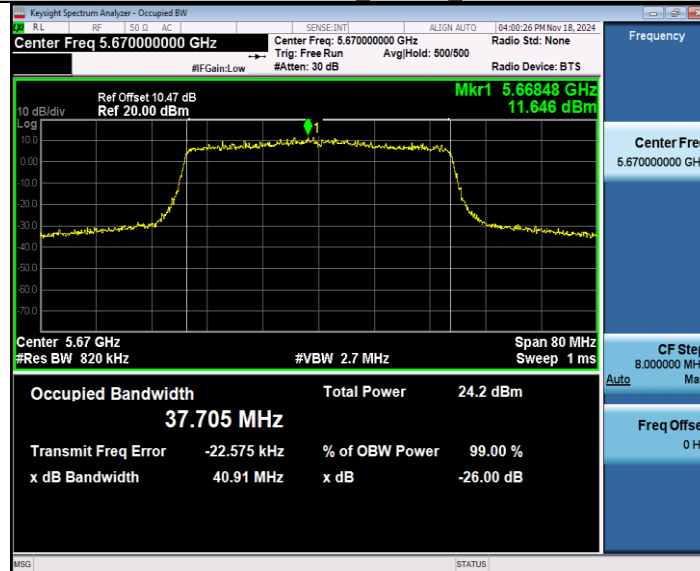


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11AX40MIMO_Ant W1 5670



11AX40MIMO_Ant W0 5710

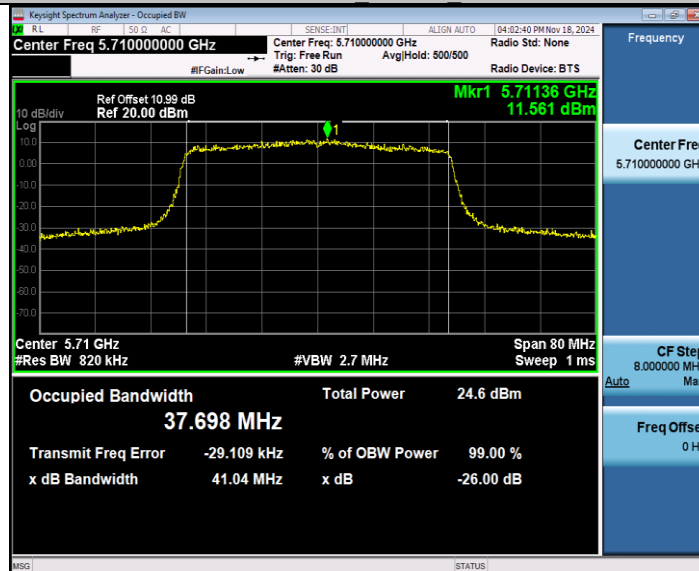


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Reference No.: W7L-P24090006RF01



11AX40MIMO_Ant W1 5710



11AX80MIMO_Ant W0 5210

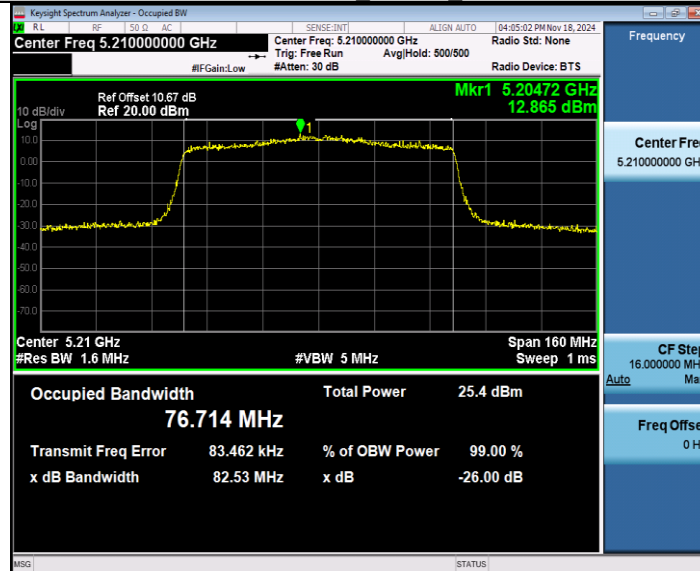


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11AX80MIMO_Ant W1 5210



11AX80MIMO_Ant W0 5290

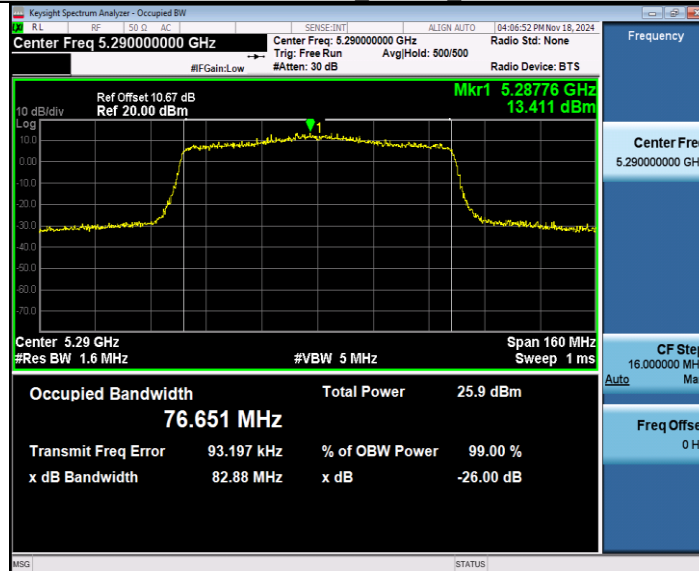


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Reference No.: W7L-P24090006RF01



11AX80MIMO_Ant W1_5290

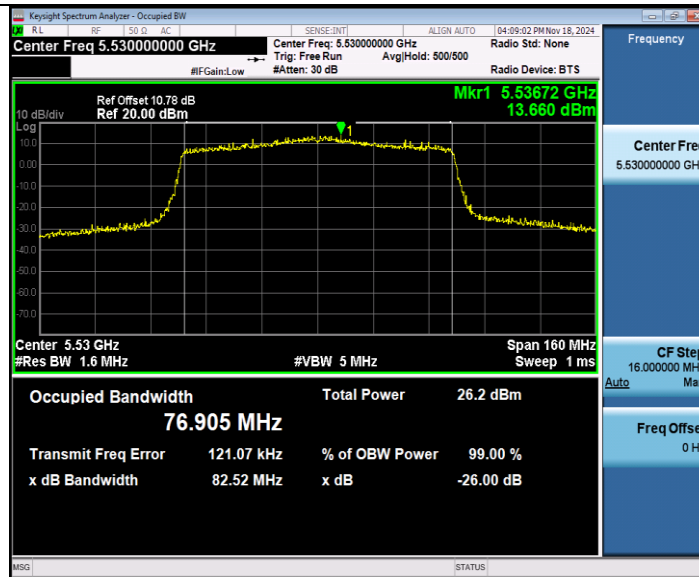


11AX80MIMO_Ant W0_5530

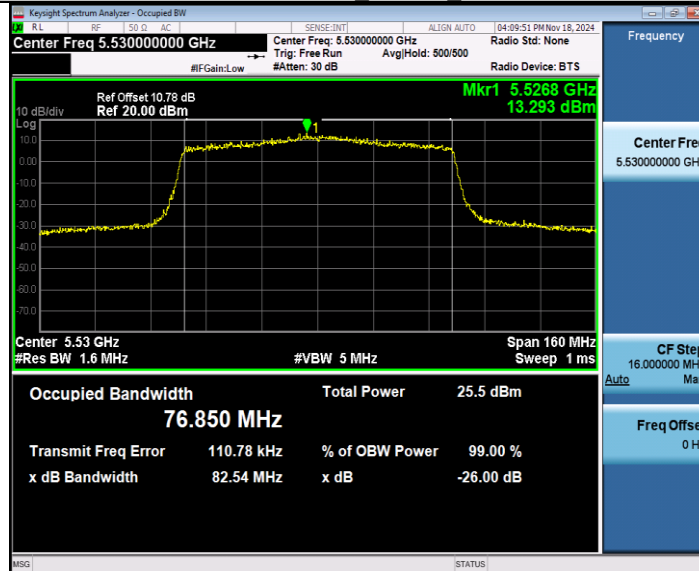


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Reference No.: W7L-P24090006RF01



11AX80MIMO_Ant W1 5530



11AX80MIMO_Ant W0 5610

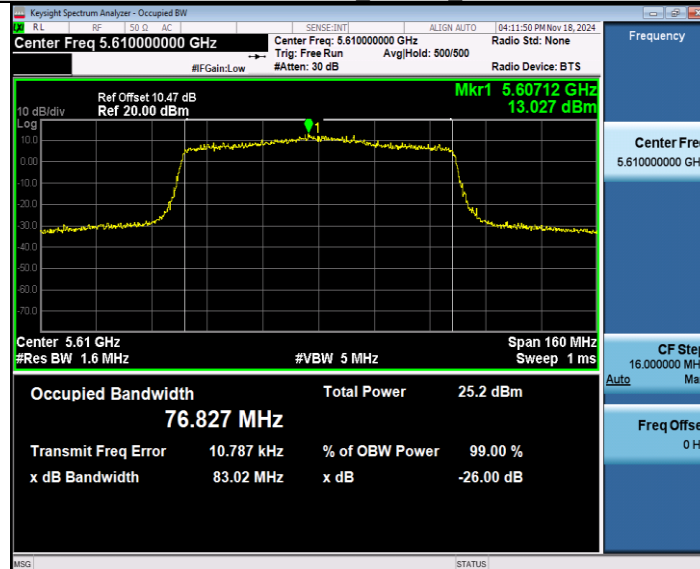


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Reference No.: W7L-P24090006RF01



11AX80MIMO_Ant W1 5610

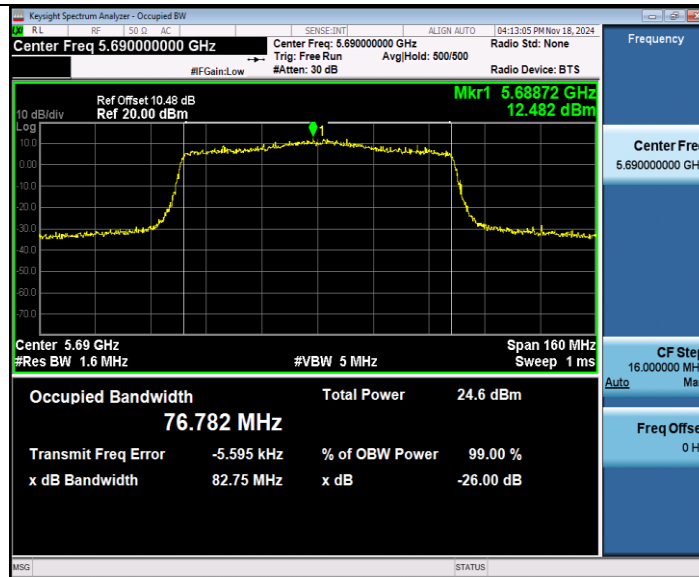


11AX80MIMO_Ant W0 5690

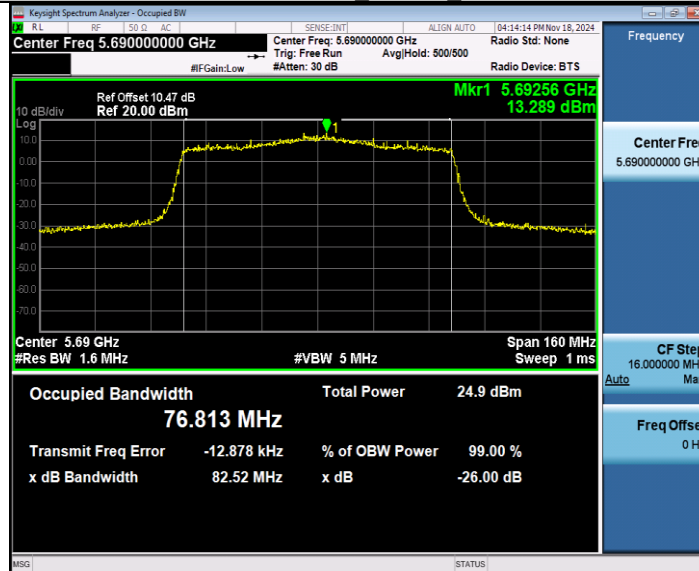


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11AX80MIMO_Ant W1_5690

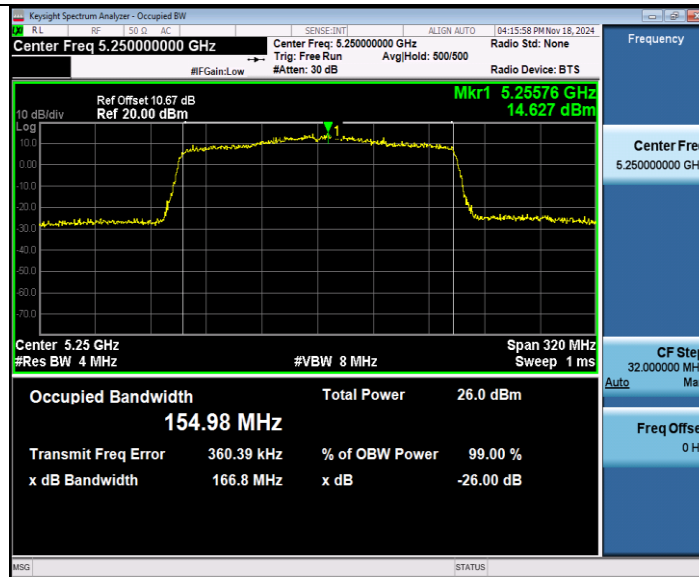


11AX160MIMO_Ant W0_5250

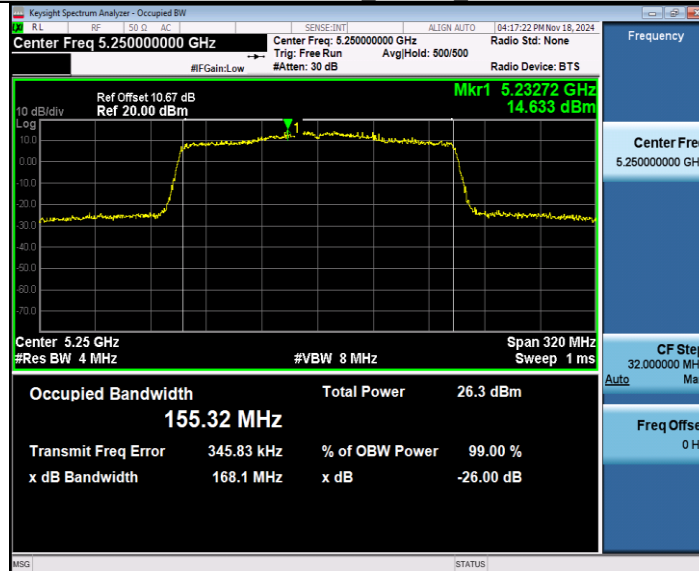


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Reference No.: W7L-P24090006RF01



11AX160MIMO Ant W1 5250

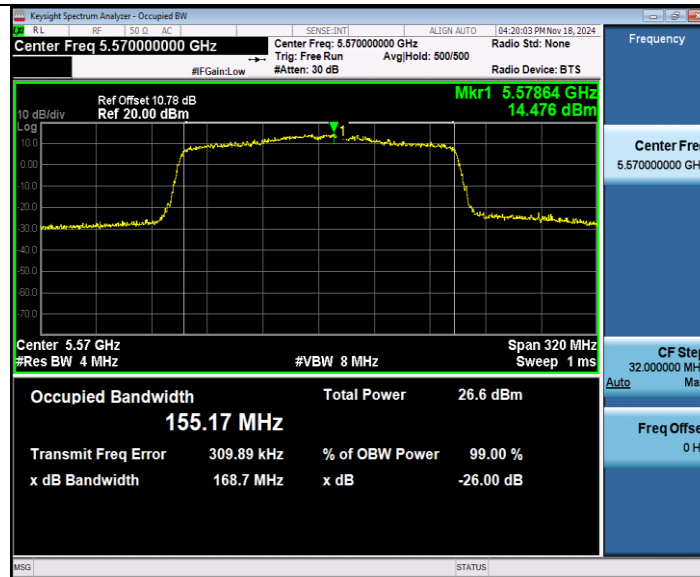


11AX160MIMO Ant W0 5570

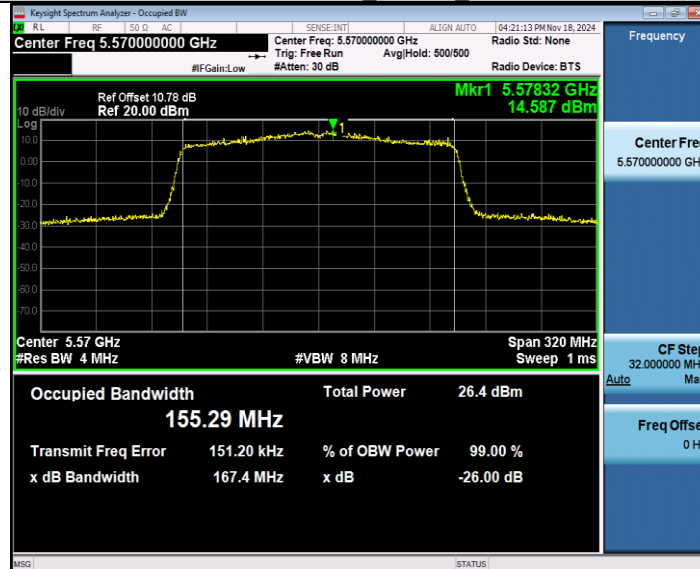


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VERITAS

Reference No.: W7L-P24090006RF01



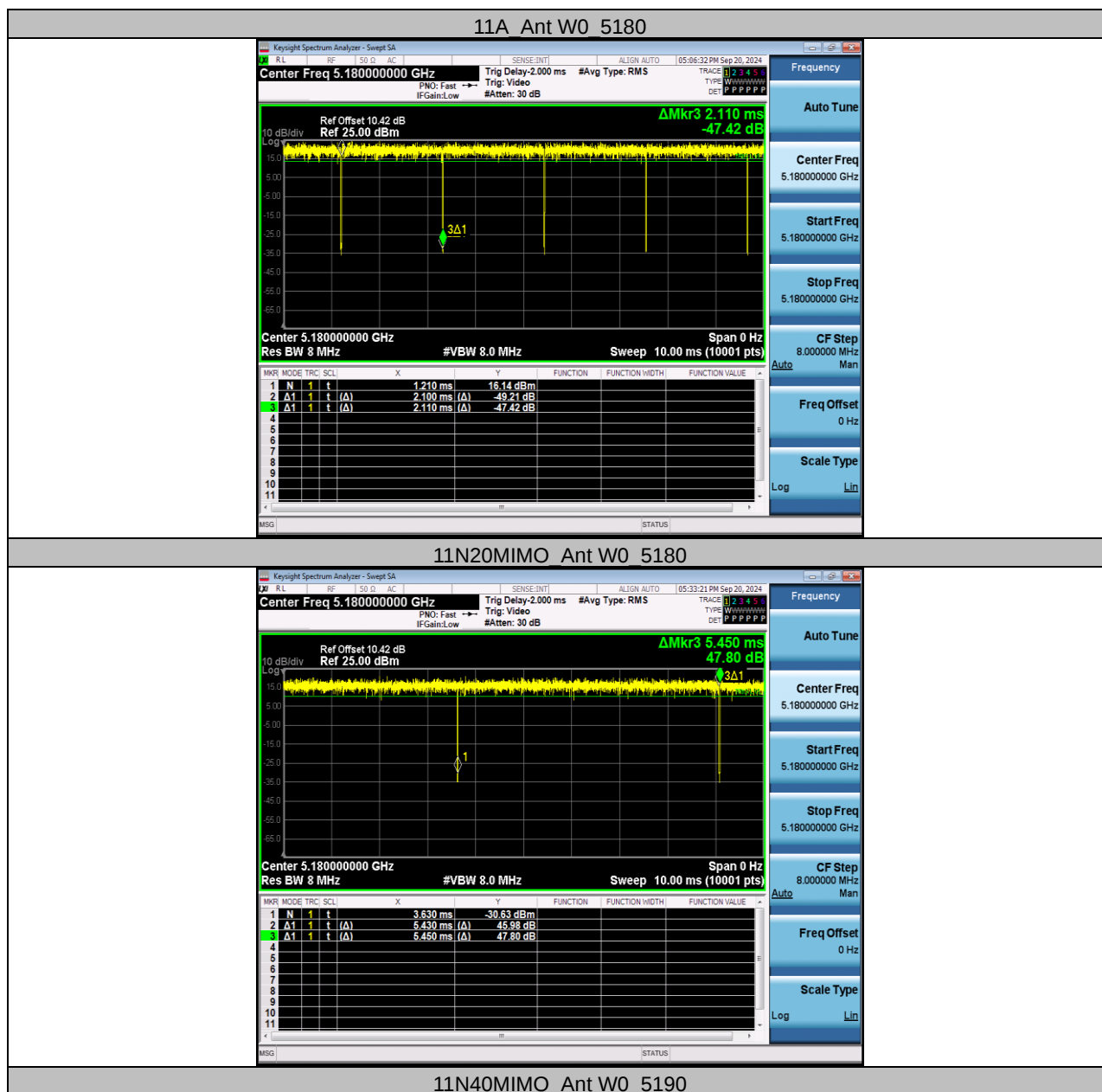
11AX160MIMO Ant W1 5570



DUTY CYCLE TEST RESULT

TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant W0	5180	2.10	2.11	99.53	---	---
11N20MIMO	Ant W0	5180	5.43	5.45	99.63	---	---
11N40MIMO	Ant W0	5190	5.43	5.45	99.63	---	---
11AC20MIMO	Ant W0	5180	5.43	5.44	99.82	---	---
11AC40MIMO	Ant W0	5190	5.43	5.45	99.63	---	---
11AC80MIMO	Ant W0	5210	5.43	5.44	99.82	---	---
11AX20MIMO	Ant W0	5180	5.45	5.46	99.82	---	---
11AX40MIMO	Ant W0	5190	5.44	5.46	99.63	---	---
11AX80MIMO	Ant W0	5210	5.44	5.46	99.63	---	---
11AX160MIMO	Ant W0	5250	5.45	5.46	99.82	---	---

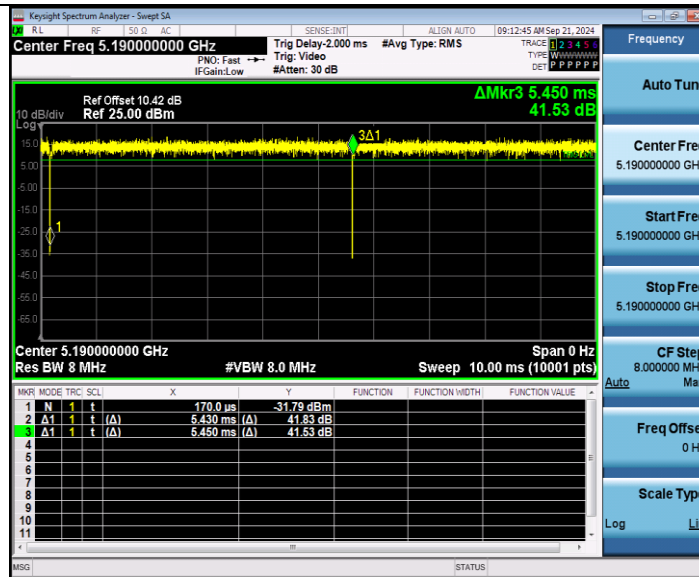
TEST GRAPHS



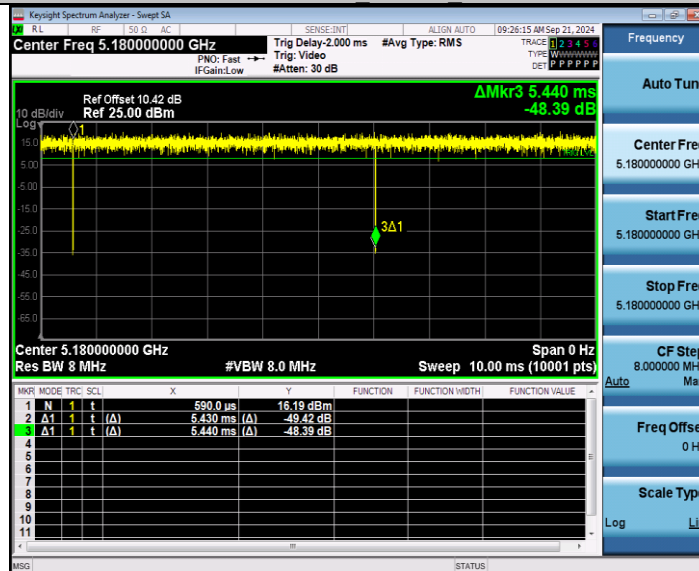


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Reference No.: W7L-P24090006RF01



11AC20MIMO_Ant W0_5180

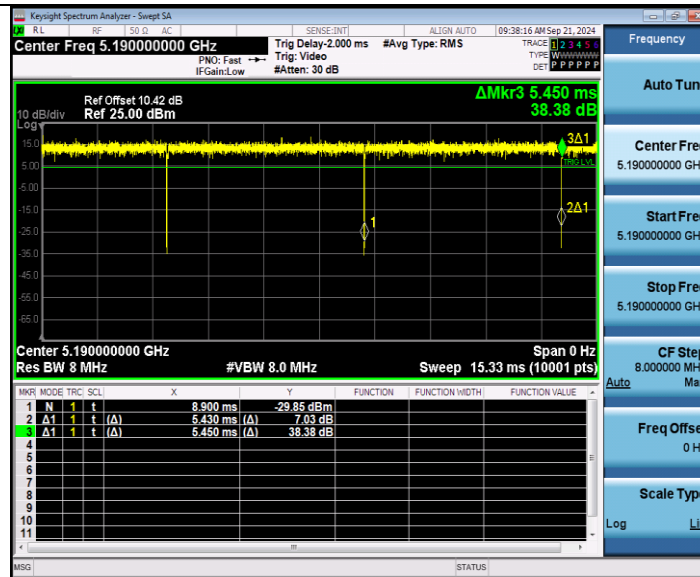


11AC40MIMO_Ant W0_5190

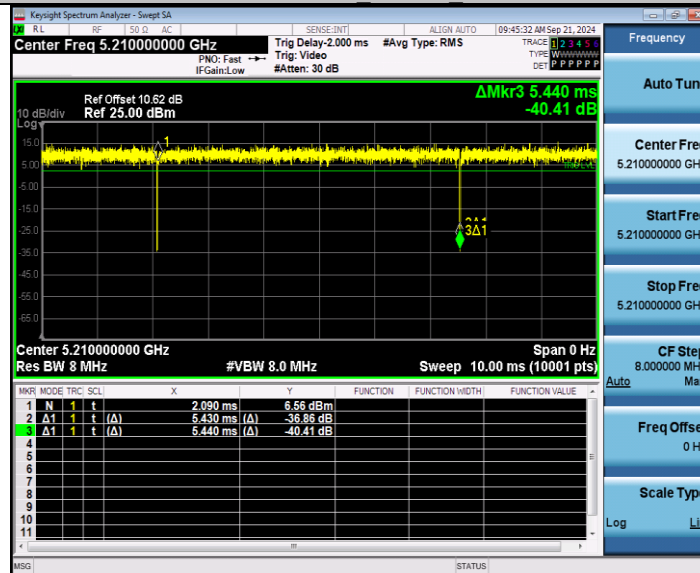


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VERITAS

Reference No.: W7L-P24090006RF01



11AC80MIMO_Ant W0_5210

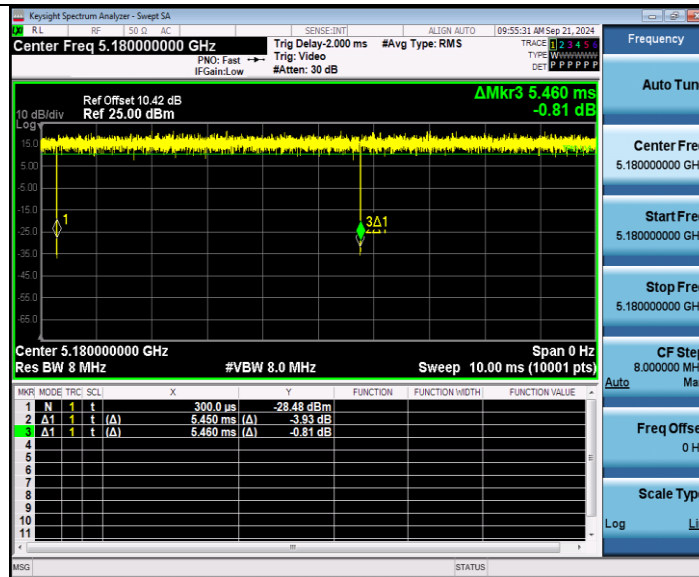


11AX20MIMO_Ant W0_5180

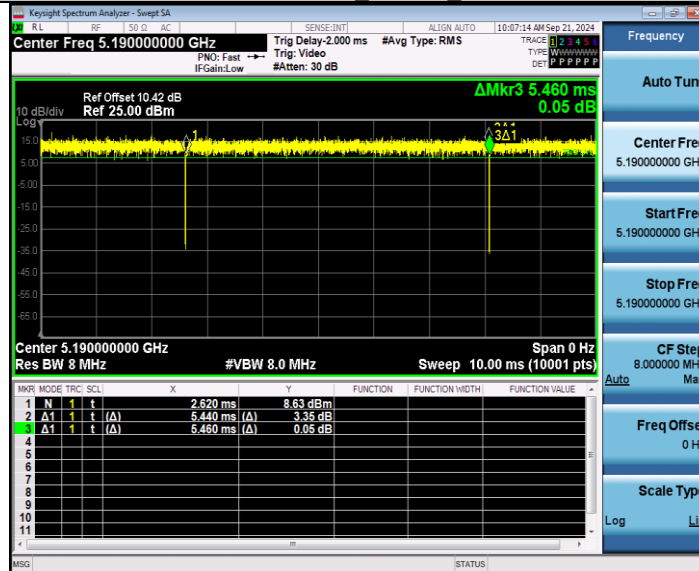


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VERITAS

Reference No.: W7L-P24090006RF01



11AX40MIMO_Ant W0_5190

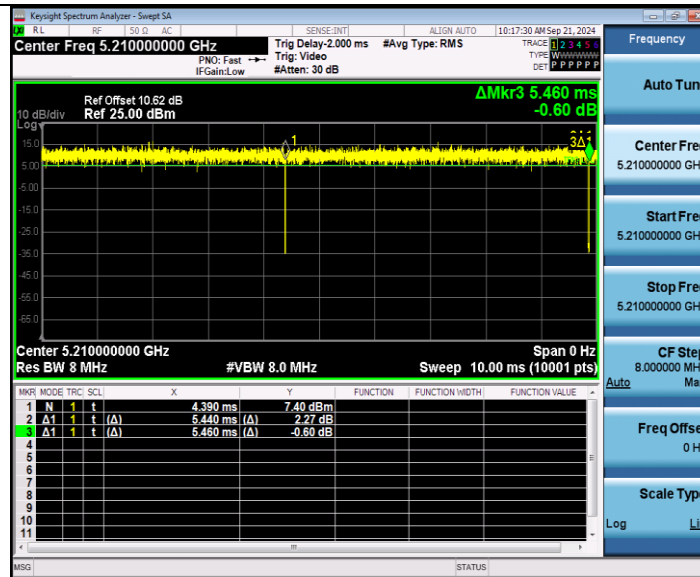


11AX80MIMO_Ant W0_5210

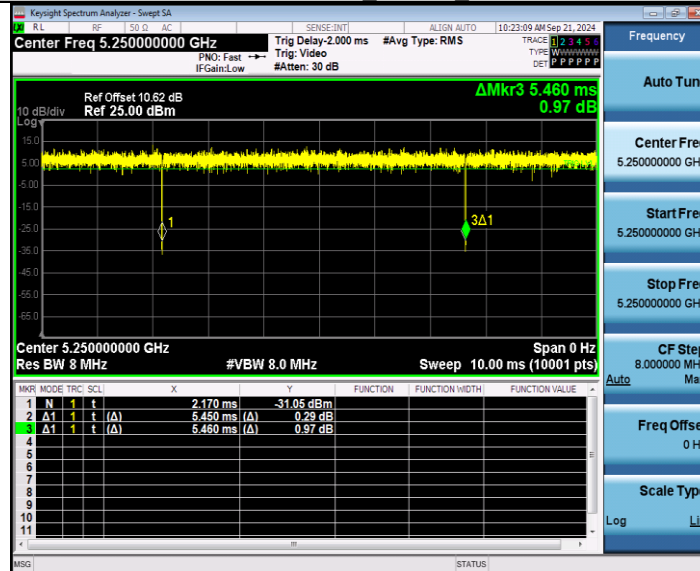


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VERITAS

Reference No.: W7L-P24090006RF01



11AX160MIMO Ant W0 5250



MAXIMUM CONDUCTED OUTPUT POWER TEST RESULT

Test Mode	Antenna	Freq(MHz)	Set Power	Result [dBm]	Limit [dBm]	Verdict
11A	Ant W0	5180	15	16.38	≤23.98	PASS
	Ant W1	5180	15.5	16.35	≤23.98	PASS
	Ant W0	5200	15	16.57	≤23.98	PASS
	Ant W1	5200	15.5	16.28	≤23.98	PASS
	Ant W0	5240	15	16.12	≤23.98	PASS
	Ant W1	5240	15	16.83	≤23.98	PASS
	Ant W0	5260	15	16.29	≤23.87	PASS
	Ant W1	5260	15	17.03	≤23.79	PASS
	Ant W0	5300	15	16.11	≤23.82	PASS
	Ant W1	5300	15	16.51	≤23.83	PASS
	Ant W0	5320	15	16.34	≤23.79	PASS
	Ant W1	5320	15	16.59	≤23.78	PASS
	Ant W0	5500	15	17.4	≤23.94	PASS
	Ant W1	5500	15	16.46	≤23.80	PASS
	Ant W0	5580	14.5	17.07	≤23.73	PASS
	Ant W1	5580	14.5	16.25	≤23.88	PASS
	Ant W0	5700	15	16.01	≤23.86	PASS
	Ant W1	5700	15.5	16.05	≤23.77	PASS
	Ant W0	5720_UNII-2C	15.5	15.41	≤22.74	PASS
	Ant W1	5720_UNII-2C	15.5	15.73	≤22.71	PASS
	Ant W0	5720_UNII-3	15.5	7.72	≤30.00	PASS
	Ant W1	5720_UNII-3	15.5	7.97	≤30.00	PASS
11N20MIMO	Ant W0	5180	12	16.51	≤23.98	PASS
	Ant W1	5180	12	15.85	≤23.98	PASS
	total	5180	12	19.2	≤23.98	PASS
	Ant W0	5200	12	16.62	≤23.98	PASS
	Ant W1	5200	12	15.93	≤23.98	PASS
	total	5200	12	19.3	≤23.98	PASS
	Ant W0	5240	12	16.36	≤23.98	PASS
	Ant W1	5240	12	16.45	≤23.98	PASS
	total	5240	12	19.42	≤23.98	PASS
	Ant W0	5260	12	16.41	≤23.97	PASS
	Ant W1	5260	12	16.68	≤23.98	PASS

	total	5260	12	19.56	≤23.98	PASS
	Ant W0	5300	12	16.02	≤23.94	PASS
	Ant W1	5300	12	16.48	≤23.98	PASS
	total	5300	12	19.27	≤23.98	PASS
	Ant W0	5320	12	16.12	≤23.98	PASS
	Ant W1	5320	12	16.57	≤23.98	PASS
	total	5320	12	19.36	≤23.98	PASS
	Ant W0	5500	12	16.98	≤23.98	PASS
	Ant W1	5500	12	16.37	≤23.98	PASS
	total	5500	12	19.7	≤23.98	PASS
	Ant W0	5580	12	17.03	≤23.98	PASS
	Ant W1	5580	12	16.69	≤23.98	PASS
	total	5580	12	19.87	≤23.98	PASS
	Ant W0	5700	12.5	12.97	≤23.98	PASS
	Ant W1	5700	12.5	13.14	≤23.98	PASS
	total	5700	12.5	16.07	≤23.98	PASS
	Ant W0	5720_UNII-2C	12.5	12.38	≤22.77	PASS
	Ant W1	5720_UNII-2C	12.5	12.23	≤22.77	PASS
	total	5720_UNII-2C	12.5	15.32	≤23.98	PASS
	Ant W0	5720_UNII-3	12.5	5.08	≤30.00	PASS
	Ant W1	5720_UNII-3	12.5	4.74	≤30.00	PASS
	total	5720_UNII-3	12.5	7.92	≤30.00	PASS
11N40MIMO	Ant W0	5190	11	16.9	≤23.98	PASS
	Ant W1	5190	11	16.12	≤23.98	PASS
	total	5190	11	19.54	≤23.98	PASS
	Ant W0	5230	11	16.9	≤23.98	PASS
	Ant W1	5230	11	16.86	≤23.98	PASS
	total	5230	11	19.89	≤23.98	PASS
	Ant W0	5270	11	16.77	≤23.98	PASS
	Ant W1	5270	11	17.1	≤23.98	PASS
	total	5270	11	19.95	≤23.98	PASS
	Ant W0	5310	11	16.34	≤23.98	PASS
	Ant W1	5310	11	16.68	≤23.98	PASS
	total	5310	11	19.52	≤23.98	PASS
	Ant W0	5510	10	17.27	≤23.98	PASS
	Ant W1	5510	10	16.74	≤23.98	PASS
	total	5510	10	20.02	≤23.98	PASS
	Ant W0	5550	10	17.6	≤23.98	PASS
	Ant W1	5550	10	16.71	≤23.98	PASS

	total	5550	10	20.19	≤23.98	PASS
	Ant W0	5670	11	16.31	≤23.98	PASS
	Ant W1	5670	11	15.85	≤23.98	PASS
	total	5670	11	19.1	≤23.98	PASS
	Ant W0	5710_UNII-2C	11	15.96	≤23.98	PASS
	Ant W1	5710_UNII-2C	11	15.99	≤23.98	PASS
	total	5710_UNII-2C	11	18.99	≤23.98	PASS
	Ant W0	5710_UNII-3	11	3.75	≤30.00	PASS
	Ant W1	5710_UNII-3	11	3.82	≤30.00	PASS
	total	5710_UNII-3	11	6.8	≤30.00	PASS
11AC20MIMO	Ant W0	5180	12	16.58	≤23.98	PASS
	Ant W1	5180	12	15.86	≤23.98	PASS
	total	5180	12	19.25	≤23.98	PASS
	Ant W0	5200	12	16.65	≤23.98	PASS
	Ant W1	5200	12	15.89	≤23.98	PASS
	total	5200	12	19.3	≤23.98	PASS
	Ant W0	5240	12	16.33	≤23.98	PASS
	Ant W1	5240	12	16.41	≤23.98	PASS
	total	5240	12	19.38	≤23.98	PASS
	Ant W0	5260	12	16.39	≤23.98	PASS
	Ant W1	5260	12	16.62	≤23.98	PASS
	total	5260	12	19.52	≤23.98	PASS
	Ant W0	5300	12	16.09	≤23.98	PASS
	Ant W1	5300	12	16.51	≤23.98	PASS
	total	5300	12	19.32	≤23.98	PASS
	Ant W0	5320	12	16.18	≤23.98	PASS
	Ant W1	5320	12	16.61	≤23.98	PASS
	total	5320	12	19.41	≤23.98	PASS
	Ant W0	5500	12	17.05	≤23.98	PASS
	Ant W1	5500	12	16.4	≤23.98	PASS
	total	5500	12	19.75	≤23.98	PASS
	Ant W0	5580	12	17.12	≤23.98	PASS
	Ant W1	5580	12	16.75	≤23.98	PASS
	total	5580	12	19.95	≤23.98	PASS
	Ant W0	5700	12	15.79	≤23.98	PASS
	Ant W1	5700	12	15.86	≤23.98	PASS
	total	5700	12	18.84	≤23.98	PASS
	Ant W0	5720_UNII-2C	12	15.2	≤22.82	PASS



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	Ant W1	5720_UNII-2C	12	15.28	≤22.75	PASS
	total	5720_UNII-2C	12	18.25	≤23.98	PASS
	Ant W0	5720_UNII-3	12	7.92	≤30.00	PASS
	Ant W1	5720_UNII-3	12	8.06	≤30.00	PASS
	total	5720_UNII-3	12	11	≤30.00	PASS
11AC40MIMO	Ant W0	5190	11	16.98	≤23.98	PASS
	Ant W1	5190	11	16.23	≤23.98	PASS
	total	5190	11	19.63	≤23.98	PASS
	Ant W0	5230	11	16.84	≤23.98	PASS
	Ant W1	5230	11	16.83	≤23.98	PASS
	total	5230	11	19.85	≤23.98	PASS
	Ant W0	5270	11	16.8	≤23.98	PASS
	Ant W1	5270	11	17.15	≤23.98	PASS
	total	5270	11	19.99	≤23.98	PASS
	Ant W0	5310	11	16.37	≤23.98	PASS
	Ant W1	5310	11	16.7	≤23.98	PASS
	total	5310	11	19.55	≤23.98	PASS
	Ant W0	5510	10	17.2	≤23.98	PASS
	Ant W1	5510	10	16.64	≤23.98	PASS
	total	5510	10	19.94	≤23.98	PASS
	Ant W0	5550	10	17.7	≤23.98	PASS
	Ant W1	5550	10	16.85	≤23.98	PASS
	total	5550	10	20.31	≤23.98	PASS
	Ant W0	5670	11	16.37	≤23.98	PASS
	Ant W1	5670	11	15.93	≤23.98	PASS
	total	5670	11	19.17	≤23.98	PASS
	Ant W0	5710_UNII-2C	11	15.97	≤23.98	PASS
	Ant W1	5710_UNII-2C	11	15.99	≤23.98	PASS
	total	5710_UNII-2C	11	18.99	≤23.98	PASS
	Ant W0	5710_UNII-3	11	3.79	≤30.00	PASS
	Ant W1	5710_UNII-3	11	3.83	≤30.00	PASS
	total	5710_UNII-3	11	6.82	≤30.00	PASS
11AC80MIMO	Ant W0	5210	11	16.37	≤23.98	PASS
	Ant W1	5210	11	16.38	≤23.98	PASS
	total	5210	11	19.39	≤23.98	PASS

	Ant W0	5290	11	16.44	≤23.98	PASS
	Ant W1	5290	11	16.81	≤23.98	PASS
	total	5290	11	19.64	≤23.98	PASS
	Ant W0	5530	11	17.23	≤23.98	PASS
	Ant W1	5530	11	16.47	≤23.98	PASS
	total	5530	11	19.88	≤23.98	PASS
	Ant W0	5610	10	16.42	≤23.98	PASS
	Ant W1	5610	10	16.1	≤23.98	PASS
	total	5610	10	19.27	≤23.98	PASS
	Ant W0	5690_UNII-2C	10	15.63	≤23.98	PASS
	Ant W1	5690_UNII-2C	10	15.76	≤23.98	PASS
	total	5690_UNII-2C	10	18.71	≤23.98	PASS
	Ant W0	5690_UNII-3	10	-0.76	≤30.00	PASS
	Ant W1	5690_UNII-3	10	-0.78	≤30.00	PASS
	total	5690_UNII-3	10	2.24	≤30.00	PASS
11AX20MIMO	Ant W0	5180	12	16.59	≤23.98	PASS
	Ant W1	5180	12	15.98	≤23.98	PASS
	total	5180	12	19.31	≤23.98	PASS
	Ant W0	5200	12	16.69	≤23.98	PASS
	Ant W1	5200	12	15.98	≤23.98	PASS
	total	5200	12	19.36	≤23.98	PASS
	Ant W0	5240	12	16.37	≤23.98	PASS
	Ant W1	5240	12	16.51	≤23.98	PASS
	total	5240	12	19.45	≤23.98	PASS
	Ant W0	5260	12	16.44	≤23.98	PASS
	Ant W1	5260	12	16.76	≤23.98	PASS
	total	5260	12	19.61	≤23.98	PASS
	Ant W0	5300	12	16.18	≤23.98	PASS
	Ant W1	5300	12	16.64	≤23.98	PASS
	total	5300	12	19.43	≤23.98	PASS
	Ant W0	5320	12	16.28	≤23.98	PASS
	Ant W1	5320	12	16.72	≤23.98	PASS
	total	5320	12	19.52	≤23.98	PASS
	Ant W0	5500	12	17.11	≤23.98	PASS
	Ant W1	5500	12	16.51	≤23.98	PASS
	total	5500	12	19.83	≤23.98	PASS
	Ant W0	5580	12	17.14	≤23.98	PASS
	Ant W1	5580	12	16.83	≤23.98	PASS
	total	5580	12	20	≤23.98	PASS



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	Ant W0	5700	12	15.82	≤23.98	PASS
	Ant W1	5700	12	15.92	≤23.98	PASS
	total	5700	12	18.88	≤23.98	PASS
	Ant W0	5720_UNII-2C	12	15.14	≤22.92	PASS
	Ant W1	5720_UNII-2C	12	15.24	≤22.89	PASS
	total	5720_UNII-2C	12	18.2	≤23.98	PASS
	Ant W0	5720_UNII-3	12	8.35	≤30.00	PASS
	Ant W1	5720_UNII-3	12	8.5	≤30.00	PASS
	total	5720_UNII-3	12	11.44	≤30.00	PASS
11AX40MIMO	Ant W0	5190	11	16.36	≤23.98	PASS
	Ant W1	5190	11	15.63	≤23.98	PASS
	total	5190	11	19.02	≤23.98	PASS
	Ant W0	5230	11	16.26	≤23.98	PASS
	Ant W1	5230	11	16.21	≤23.98	PASS
	total	5230	11	19.25	≤23.98	PASS
	Ant W0	5270	11	16.21	≤23.98	PASS
	Ant W1	5270	11	16.55	≤23.98	PASS
	total	5270	11	19.39	≤23.98	PASS
	Ant W0	5310	11	15.81	≤23.98	PASS
	Ant W1	5310	11	16.14	≤23.98	PASS
	total	5310	11	18.99	≤23.98	PASS
	Ant W0	5510	10	16.75	≤23.98	PASS
	Ant W1	5510	10	16.22	≤23.98	PASS
	total	5510	10	19.5	≤23.98	PASS
	Ant W0	5550	10	17.14	≤23.98	PASS
	Ant W1	5550	10	16.3	≤23.98	PASS
	total	5550	10	19.75	≤23.98	PASS
	Ant W0	5670	11	15.82	≤23.98	PASS
	Ant W1	5670	11	15.46	≤23.98	PASS
	total	5670	11	18.65	≤23.98	PASS
	Ant W0	5710_UNII-2C	11	15.44	≤23.98	PASS
	Ant W1	5710_UNII-2C	11	15.55	≤23.98	PASS
	total	5710_UNII-2C	11	18.51	≤23.98	PASS
	Ant W0	5710_UNII-3	11	4.04	≤30.00	PASS
	Ant W1	5710_UNII-3	11	4.14	≤30.00	PASS



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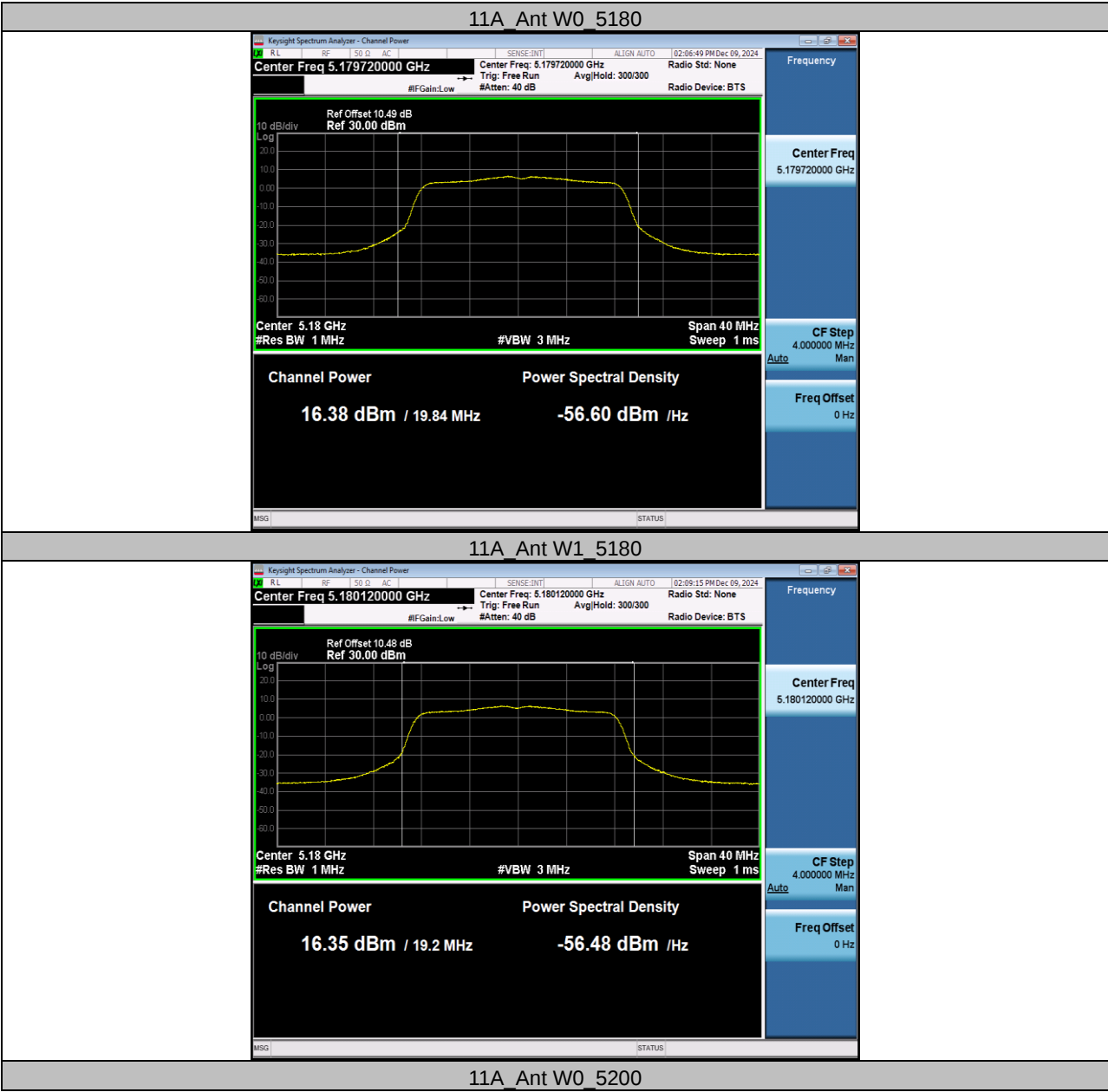
	total	5710_UNII-3	11	7.1	≤ 30.00	PASS
11AX80MIMO	Ant W0	5210	11	16.05	≤ 23.98	PASS
	Ant W1	5210	11	16.12	≤ 23.98	PASS
	total	5210	11	19.1	≤ 23.98	PASS
	Ant W0	5290	11	16.13	≤ 23.98	PASS
	Ant W1	5290	11	16.61	≤ 23.98	PASS
	total	5290	11	19.39	≤ 23.98	PASS
	Ant W0	5530	10	16.98	≤ 23.98	PASS
	Ant W1	5530	10	16.28	≤ 23.98	PASS
	total	5530	10	19.65	≤ 23.98	PASS
	Ant W0	5610	10	16.2	≤ 23.98	PASS
	Ant W1	5610	10	15.97	≤ 23.98	PASS
	total	5610	10	19.1	≤ 23.98	PASS
	Ant W0	5690_UNII-2C	10	15.32	≤ 23.98	PASS
	Ant W1	5690_UNII-2C	10	15.48	≤ 23.98	PASS
	total	5690_UNII-2C	10	18.41	≤ 23.98	PASS
	Ant W0	5690_UNII-3	10	-0.31	≤ 30.00	PASS
	Ant W1	5690_UNII-3	10	-0.16	≤ 30.00	PASS
	total	5690_UNII-3	10	2.78	≤ 30.00	PASS
11AX160MIMO	Ant W0	5250_UNII-1	11	13.1	≤ 23.98	PASS
	Ant W1	5250_UNII-1	11	13.45	≤ 23.98	PASS
	total	5250_UNII-1	11	16.29	≤ 23.98	PASS
	Ant W0	5250_UNII-2A	11	13.66	≤ 23.98	PASS
	Ant W1	5250_UNII-2A	11	13.87	≤ 23.98	PASS
	total	5250_UNII-2A	11	16.78	≤ 23.98	PASS
	Ant W0	5570	11	17	≤ 23.98	PASS
	Ant W1	5570	10	16.7	≤ 23.98	PASS
	total	5570	10	19.86	≤ 23.98	PASS

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



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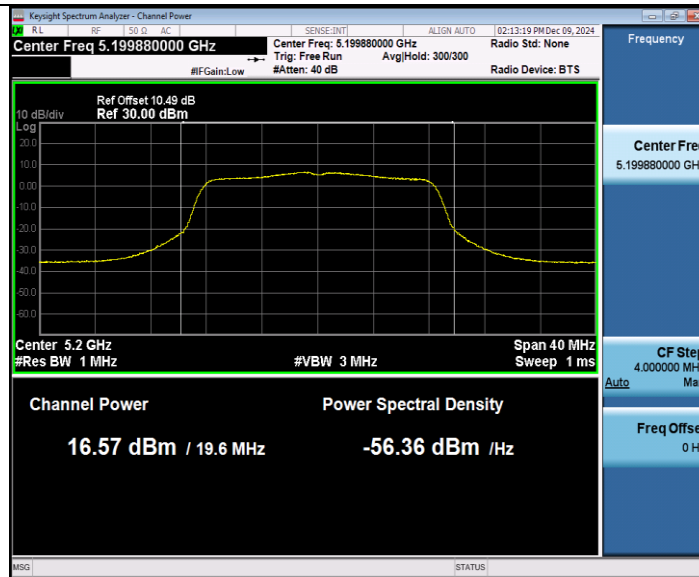
TEST GRAPHS



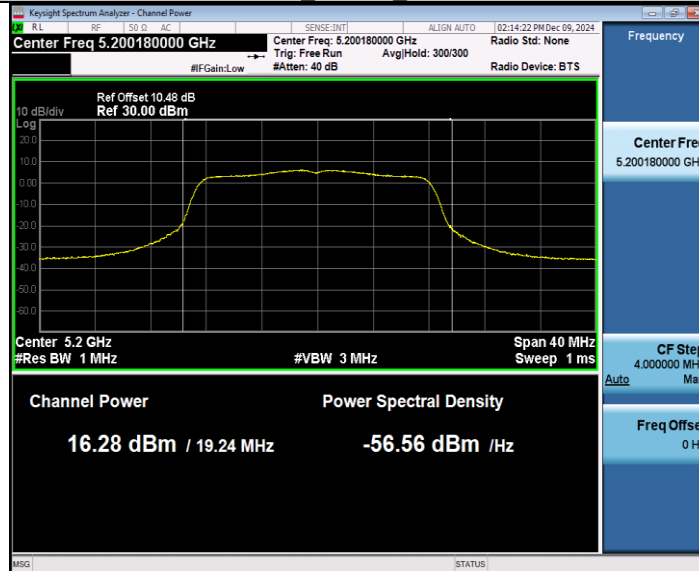


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11A Ant W1 5200

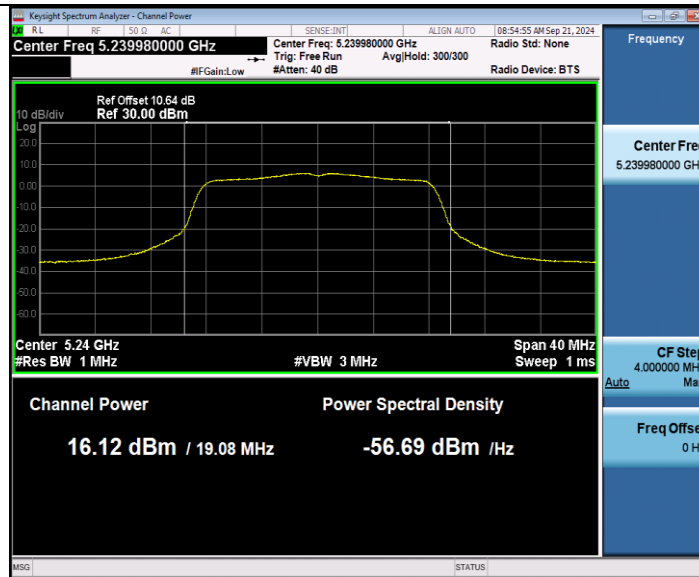


11A Ant W0 5240

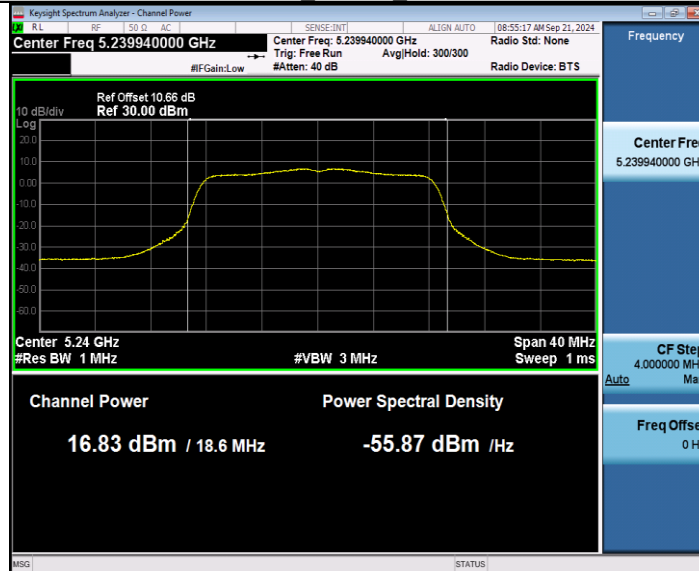


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VERITAS

Reference No.: W7L-P24090006RF01



11A Ant W1 5240

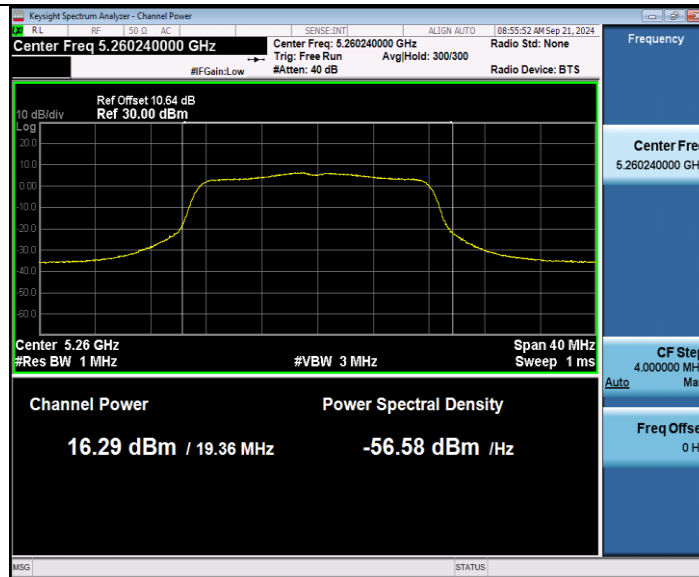


11A Ant W0 5260

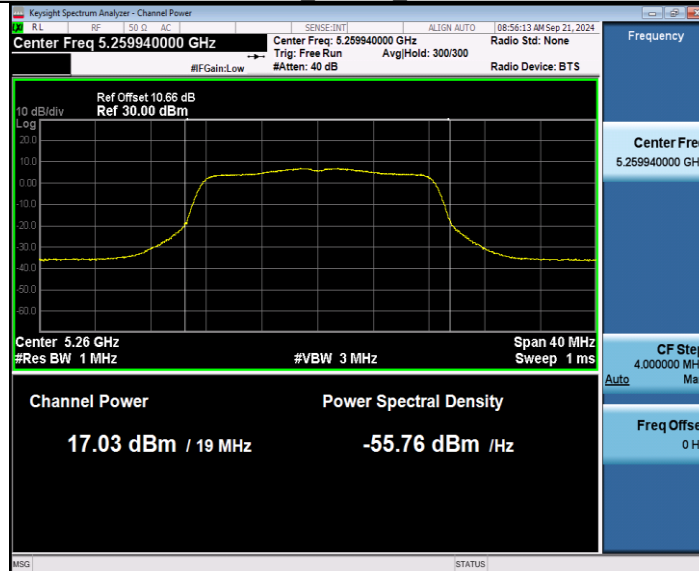


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VERITAS

Reference No.: W7L-P24090006RF01



11A Ant W1 5260

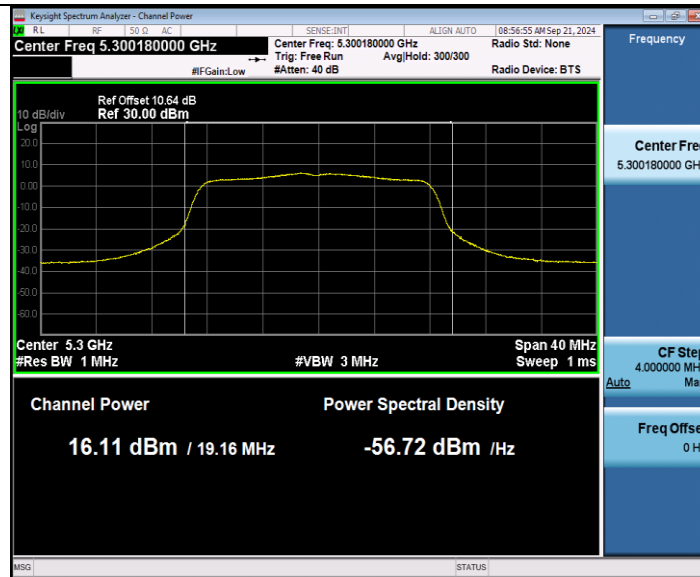


11A Ant W0 5300

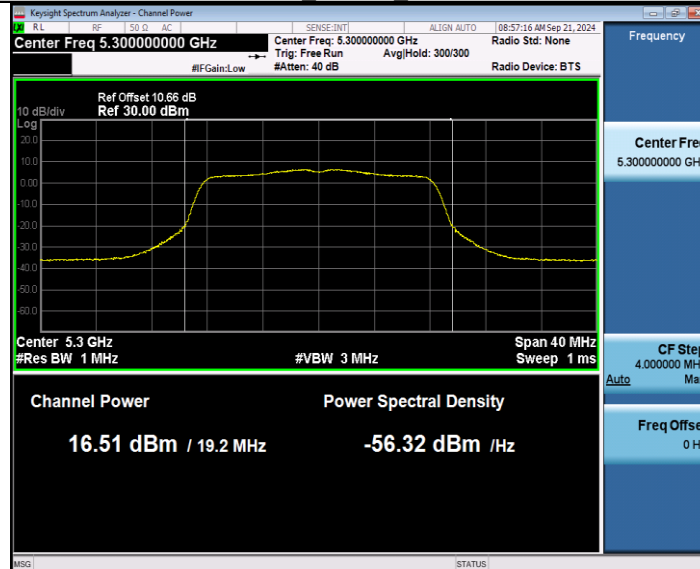


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VERITAS

Reference No.: W7L-P24090006RF01



11A Ant W1 5300



11A Ant W0 5320