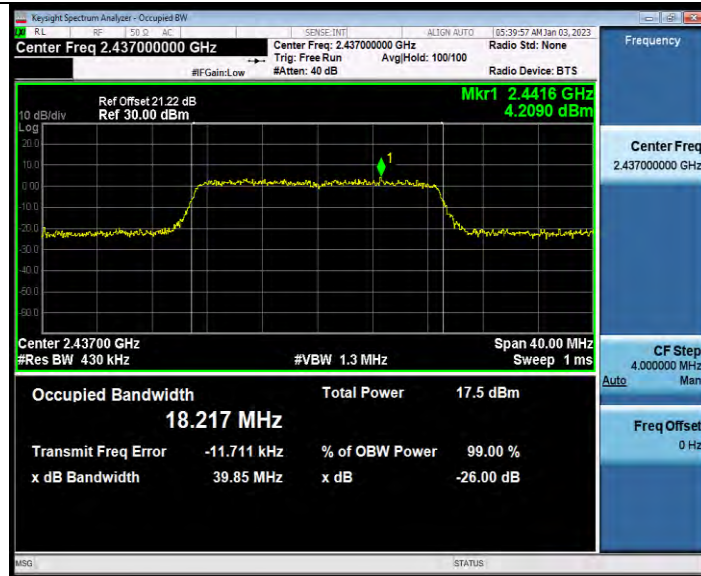


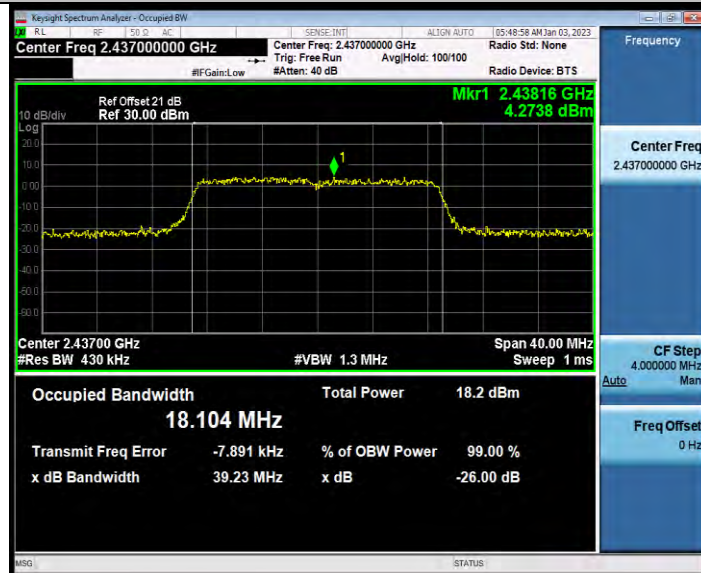


**BUREAU  
VERITAS**

**Test Report No.: W7L-P22110036RF02**



11N20MIMO\_Ant2\_2437

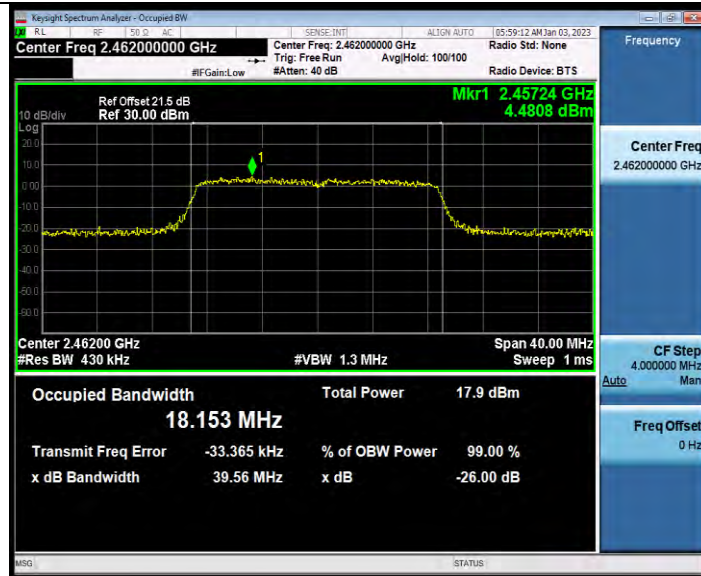


11N20MIMO\_Ant1\_2462

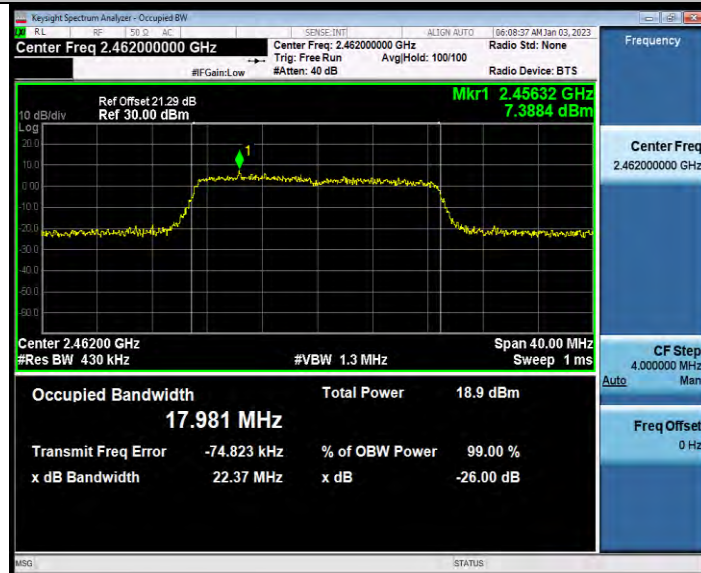


**BUREAU  
VERITAS**

**Test Report No.: W7L-P22110036RF02**



11N20MIMO\_Ant2\_2462



11N40MIMO\_Ant1\_2422

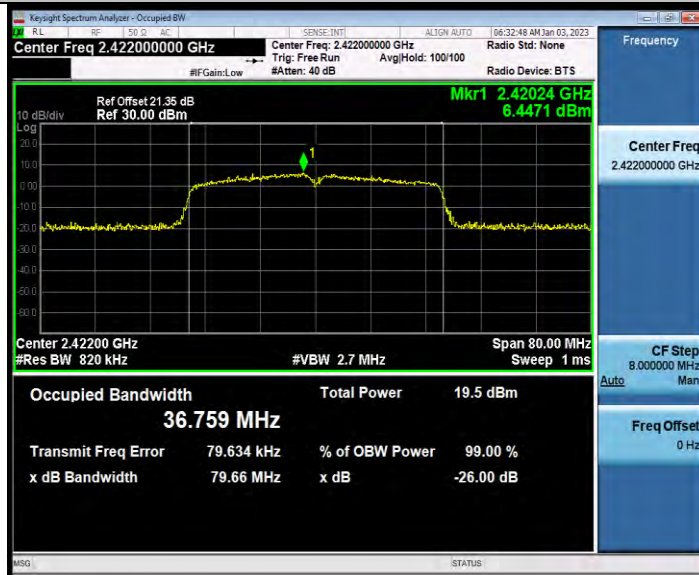


**BUREAU  
VERITAS**

**Test Report No.: W7L-P22110036RF02**



11N40MIMO\_Ant2\_2422

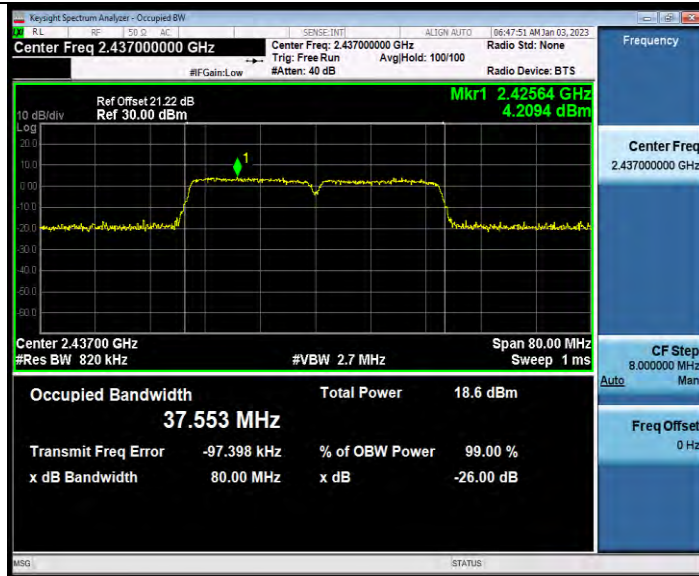


11N40MIMO\_Ant1\_2437

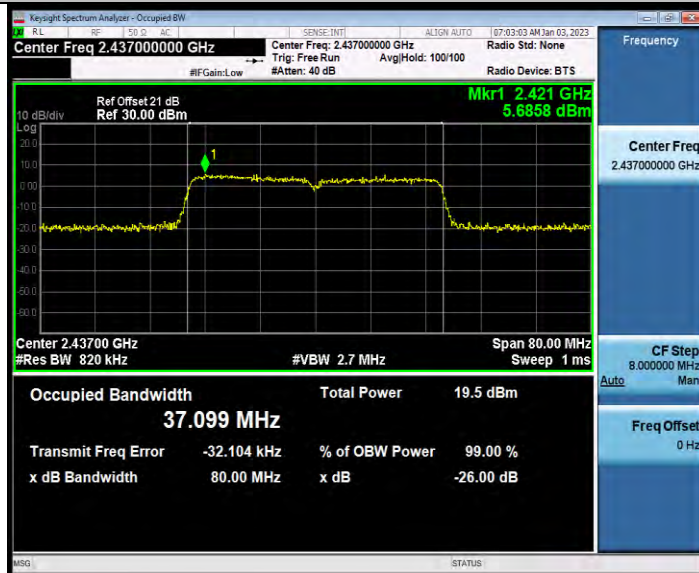


**BUREAU  
VERITAS**

**Test Report No.: W7L-P22110036RF02**



11N40MIMO\_Ant2\_2437



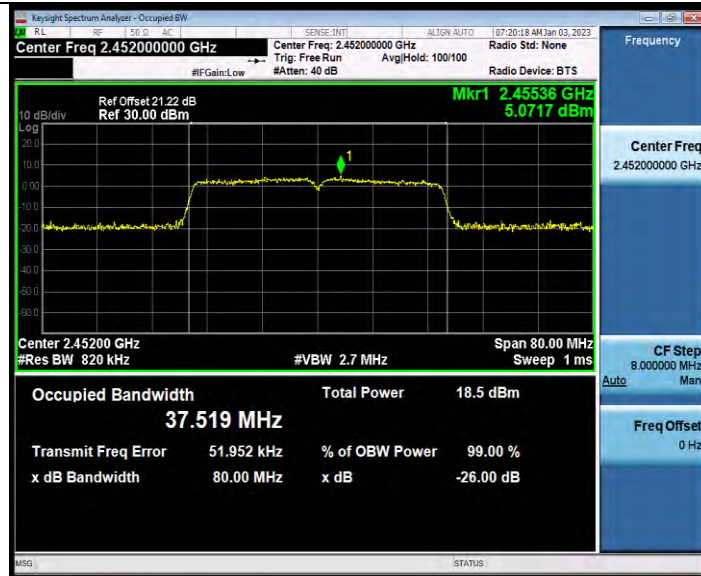
11N40MIMO\_Ant1\_2452



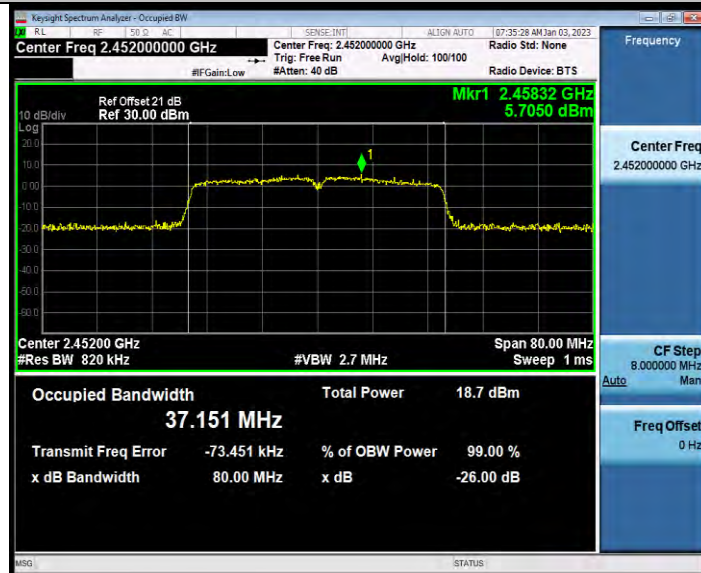


**BUREAU  
VERITAS**

**Test Report No.: W7L-P22110036RF02**



11N40MIMO\_Ant2\_2452

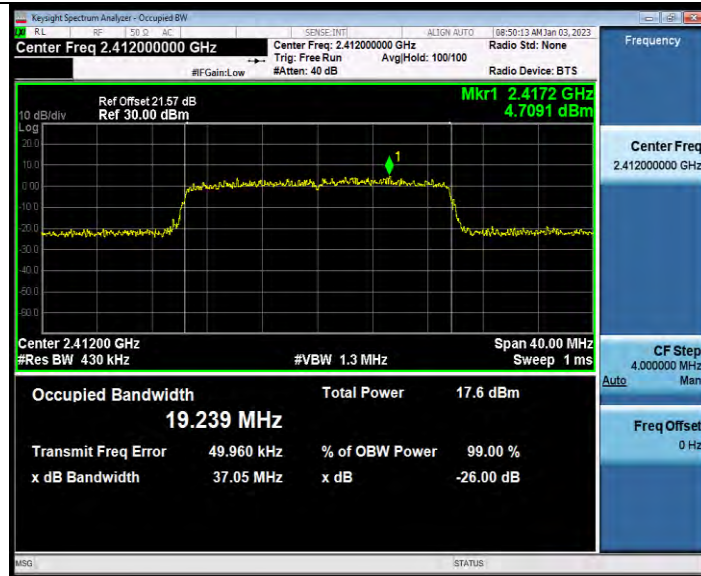


11AX20MIMO\_Ant1\_2412

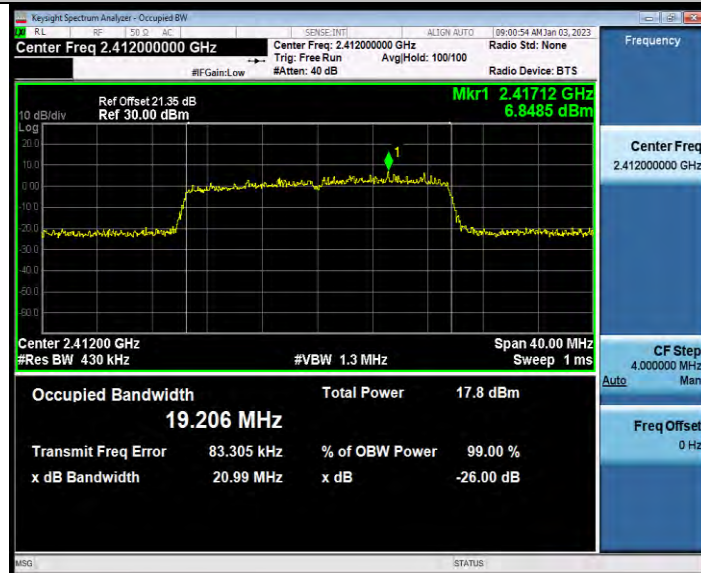


**BUREAU  
VERITAS**

**Test Report No.: W7L-P22110036RF02**



11AX20MIMO\_Ant2\_2412

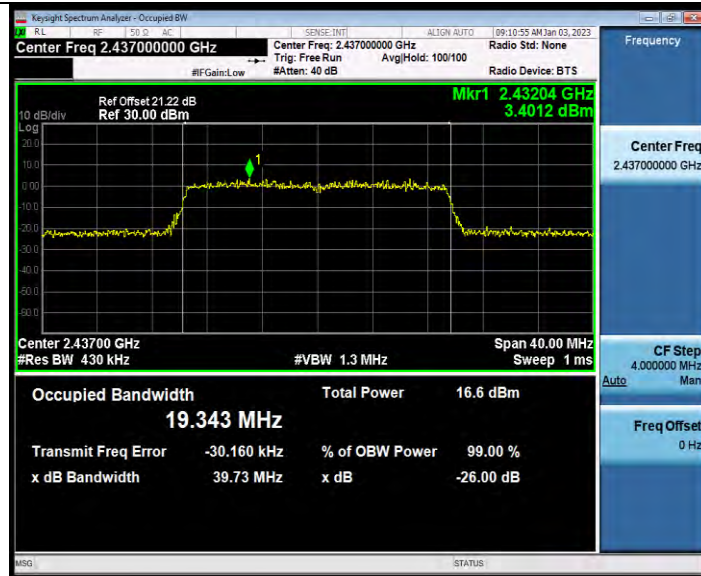


11AX20MIMO\_Ant1\_2437

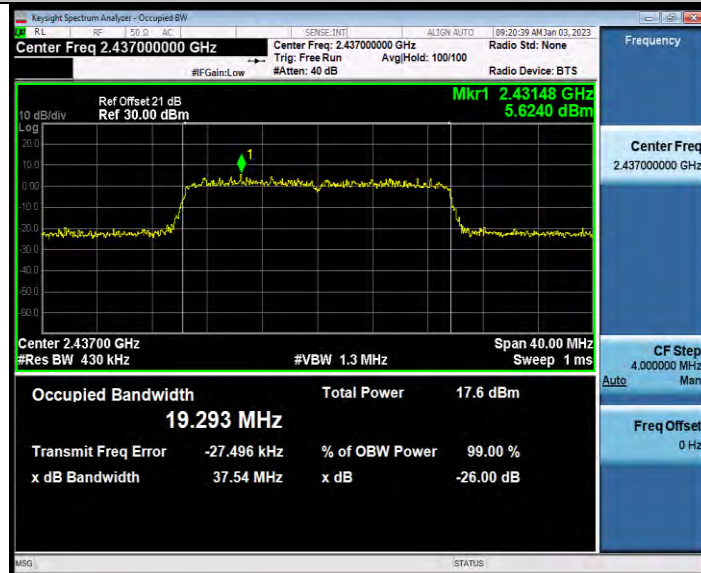


**BUREAU  
VERITAS**

**Test Report No.: W7L-P22110036RF02**



11AX20MIMO\_Ant2\_2437

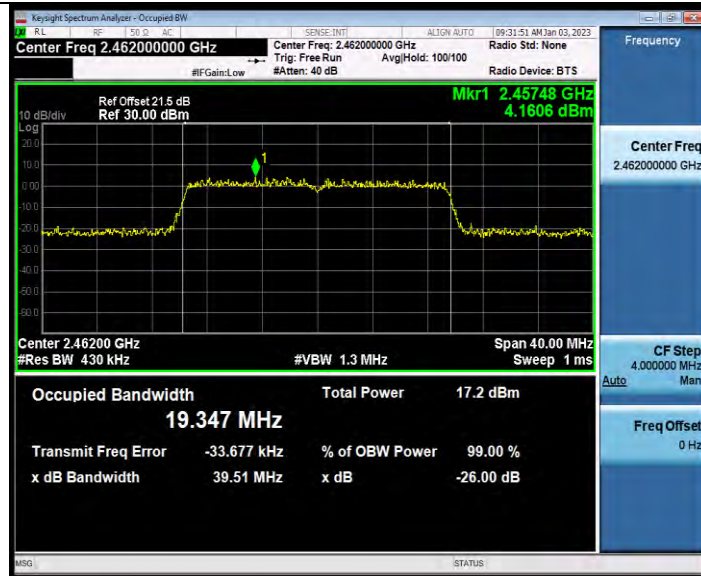


11AX20MIMO\_Ant1\_2462

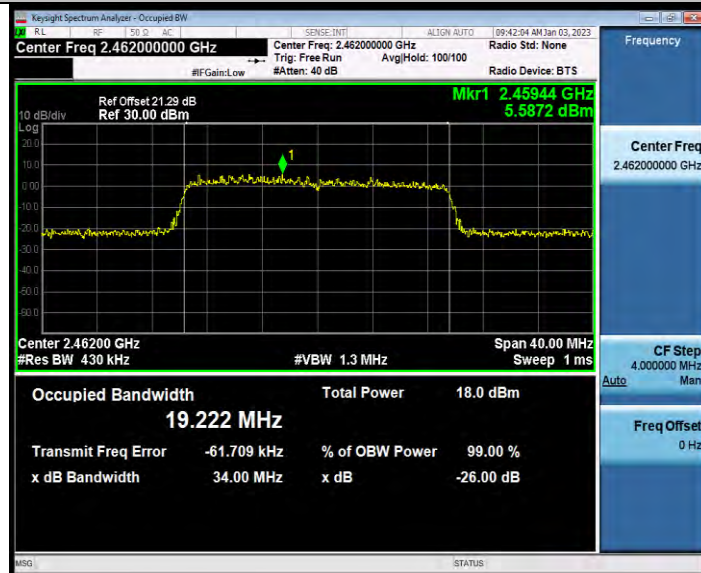


**BUREAU  
VERITAS**

**Test Report No.: W7L-P22110036RF02**



11AX20MIMO\_Ant2\_2462



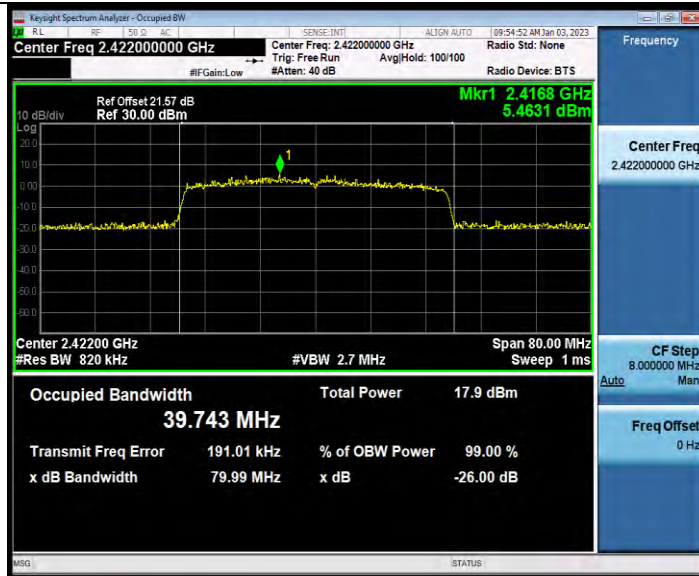
11AX40MIMO\_Ant1\_2422



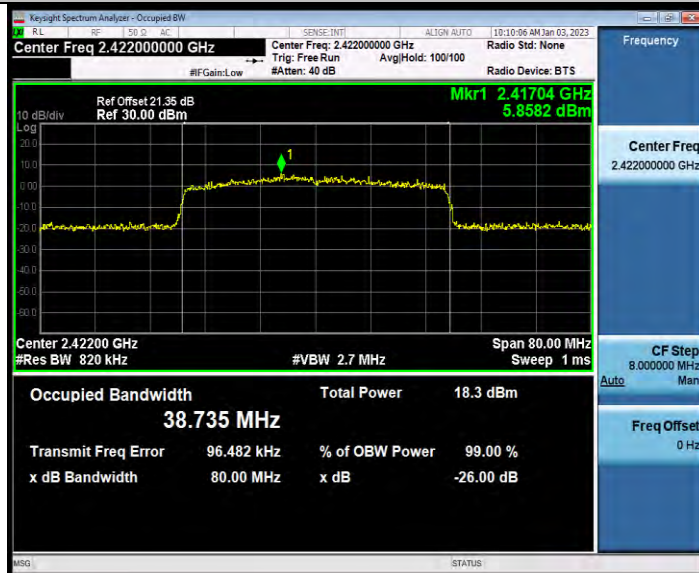


**BUREAU  
VERITAS**

**Test Report No.: W7L-P22110036RF02**



11AX40MIMO\_Ant2\_2422

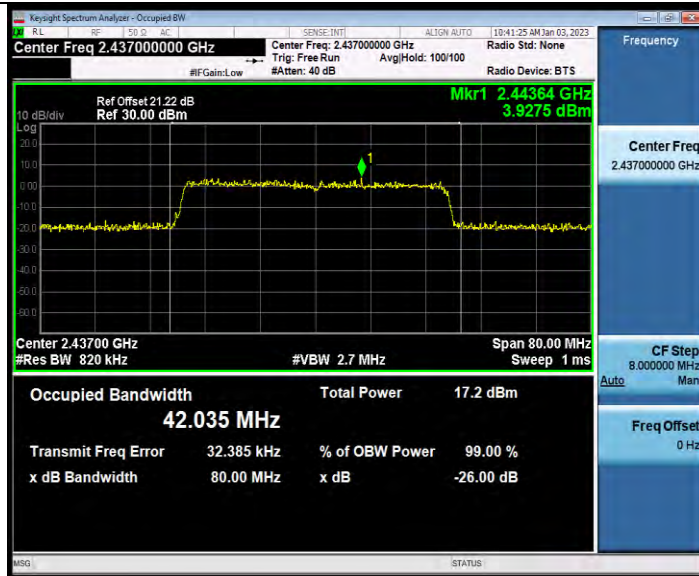


11AX40MIMO\_Ant1\_2437

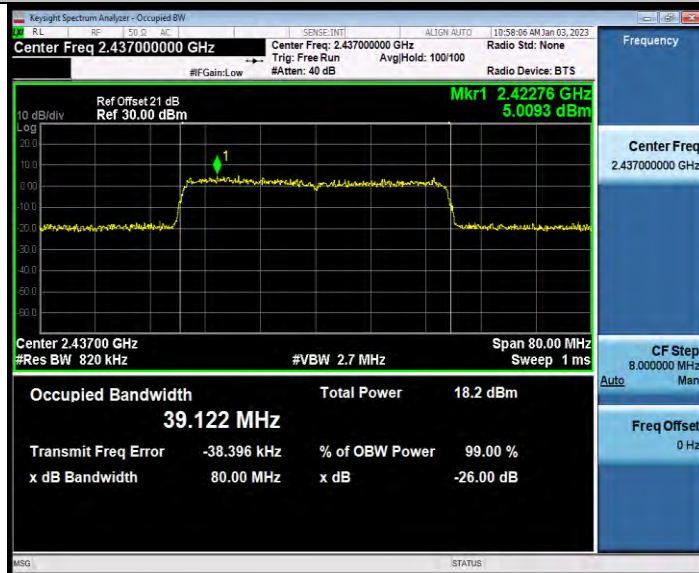


**BUREAU  
VERITAS**

**Test Report No.: W7L-P22110036RF02**



11AX40MIMO\_Ant2\_2437

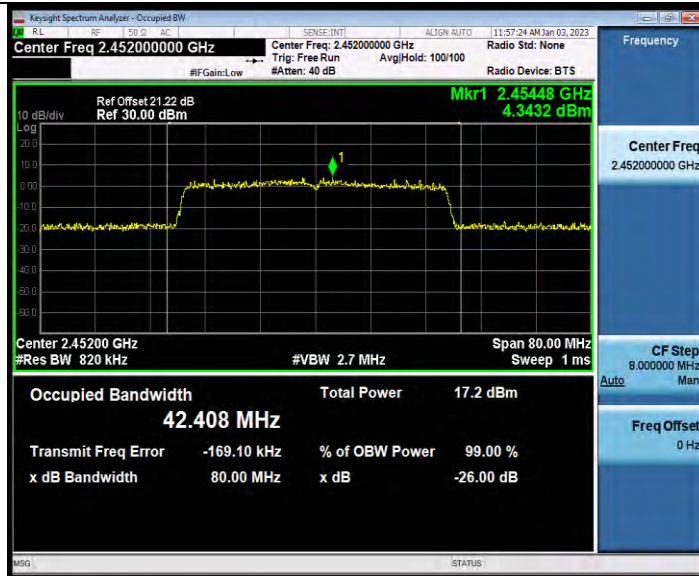


11AX40MIMO\_Ant1\_2452

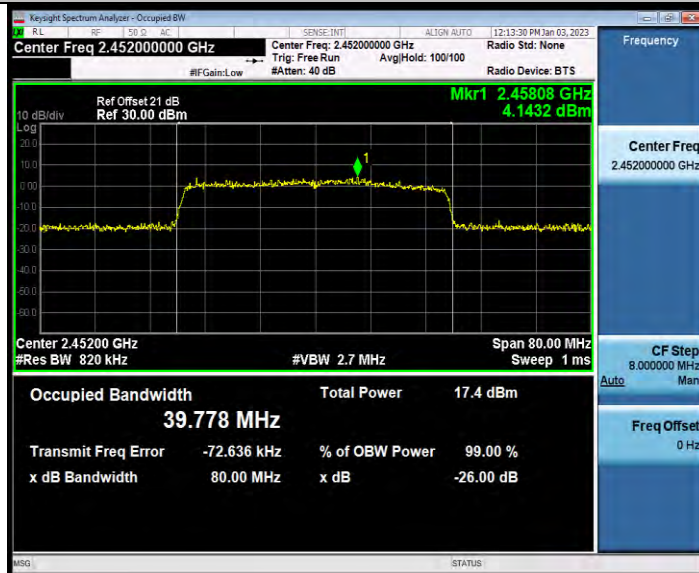


**BUREAU  
VERITAS**

**Test Report No.: W7L-P22110036RF02**



11AX40MIMO\_Ant2\_2452





**BUREAU  
VERITAS**

Test Report No.: W7L-P22110036RF02

## MAXIMUM CONDUCTED OUTPUT POWER

### TEST RESULT

TestMode	Antenna	Frequenc y[MHz]	Average power [dBm]	Peak Power [dBm]	Peak Power [mw]	Conducted Limit[dBm]	EIRP [dBm]	EIRP [mw]	EIRP Limit[dBm]	Verdict	Power Setting
11B -SISO	Ant1	2412	15.10	17.61	57.68	≤30.00	17.71	59.02	≤36.00	PASS	16
	Ant1	2437	14.65	17.05	50.70	≤30.00	17.15	51.88	≤36.00	PASS	16
	Ant1	2462	14.74	17.15	51.88	≤30.00	17.25	53.09	≤36.00	PASS	16
	Ant2	2412	15.07	17.55	56.89	≤30.00	13.85	24.27	≤36.00	PASS	16
	Ant2	2437	15.00	17.60	57.54	≤30.00	13.90	24.55	≤36.00	PASS	16
	Ant2	2462	15.08	17.62	57.81	≤30.00	13.92	24.66	≤36.00	PASS	16
11B -CDD	Ant1	2412	15.22	17.84	---	---	---	---	---	---	---
	Ant2	2412	15.18	17.77	---	---	---	---	---	---	---
	total	2412	18.30	20.82	120.78	≤30.00	20.92	123.59	≤36.00	PASS	16
	Ant1	2437	14.77	17.28	---	---	---	---	---	---	---
	Ant2	2437	15.11	17.82	---	---	---	---	---	---	---
	total	2437	18.04	20.57	114.02	≤30.00	20.67	116.68	≤36.00	PASS	16
	Ant1	2462	14.86	17.38	---	---	---	---	---	---	---
	Ant2	2462	15.19	17.84	---	---	---	---	---	---	---
total	2462	18.13	20.63	115.61	≤30.00	20.73	118.30	≤36.00	PASS	16	

BV 7Layers Communications Technology  
(Shenzhen) Co., Ltd

No.B102, Dazu Chuangxin Mansion, North of Beihuan  
Avenue, North Area, Hi-Tech Industrial Park, Nanshan  
District, Shenzhen, Guangdong, China

Tel: +86 755 8869 6566  
Fax: +86 755 8869 6577  
Email: [customerservice.sw@bureauveritas.com](mailto:customerservice.sw@bureauveritas.com)





**BUREAU  
VERITAS**

**Test Report No.: W7L-P22110036RF02**

11G -SISO	Ant1	2412	12.83	21.00	125.89	≤30.00	20.73	118.3	≤36.00	PASS	14
	Ant1	2437	12.98	20.99	125.60	≤30.00	21.10	128.82	≤36.00	PASS	14
	Ant1	2462	12.95	21.06	127.64	≤30.00	21.09	128.53	≤36.00	PASS	14
	Ant2	2412	13.28	21.80	151.36	≤30.00	21.16	130.62	≤36.00	PASS	14
	Ant2	2437	13.32	21.52	141.91	≤30.00	18.10	64.57	≤36.00	PASS	14
	Ant2	2462	13.27	21.94	156.31	≤30.00	17.82	60.53	≤36.00	PASS	14
11G -CDD	Ant1	2412	12.99	21.23	---	---	---	---	---	---	---
	Ant2	2412	13.43	22.02	---	---	---	---	---	---	---
	total	2412	16.32	24.65	291.74	≤30.00	24.75	298.54	≤36.00	PASS	14
	Ant1	2437	13.14	21.22	---	---	---	---	---	---	---
	Ant2	2437	13.47	21.74	---	---	---	---	---	---	---
	total	2437	16.41	24.50	281.84	≤30.00	24.6	288.40	≤36.00	PASS	14
	Ant1	2462	13.11	21.29	---	---	---	---	---	---	---
	Ant2	2462	13.42	22.16	---	---	---	---	---	---	---
total	2462	16.37	24.76	<b>299.23</b>	≤30.00	24.86	<b>306.20</b>	≤36.00	PASS	14	
11N20 -SISO	Ant1	2412	10.82	19.12	81.66	≤30.00	19.22	83.56	≤36.00	PASS	12
	Ant1	2437	10.78	18.70	74.13	≤30.00	18.80	75.86	≤36.00	PASS	12
	Ant1	2462	10.73	18.60	72.44	≤30.00	18.70	74.13	≤36.00	PASS	12
	Ant2	2412	11.20	19.50	89.13	≤30.00	15.80	38.02	≤36.00	PASS	12
	Ant2	2437	11.14	19.37	86.50	≤30.00	15.67	36.90	≤36.00	PASS	12
	Ant2	2462	11.21	19.56	90.36	≤30.00	15.86	38.55	≤36.00	PASS	12

BV 7Layers Communications Technology  
(Shenzhen) Co., Ltd

No.B102, Dazu Chuangxin Mansion, North of Beihuan  
Avenue, North Area, Hi-Tech Industrial Park, Nanshan  
District, Shenzhen, Guangdong, China

Tel: +86 755 8869 6566  
Fax: +86 755 8869 6577  
Email: [customerservice.sw@bureauveritas.com](mailto:customerservice.sw@bureauveritas.com)



**BUREAU  
VERITAS**

**Test Report No.: W7L-P22110036RF02**

11N20 -MIMO	Ant1	2412	10.97	19.35	---	≤30.00	---	---	---	---	---
	Ant2	2412	11.34	19.72	---	≤30.00	---	---	---	---	---
	total	2412	14.26	22.55	179.89	≤30.00	22.65	184.08	≤36.00	PASS	12
	Ant1	2437	10.93	18.93	---	---	---	---	---	---	---
	Ant2	2437	11.28	19.59	---	---	---	---	---	---	---
	total	2437	14.21	22.28	169.04	≤30.00	22.38	172.98	≤36.00	PASS	12
	Ant1	2462	10.88	18.83	---	---	---	---	---	---	---
	Ant2	2462	11.35	19.78	---	---	---	---	---	---	---
	total	2462	14.22	22.34	171.40	≤30.00	22.44	175.39	≤36.00	PASS	12
11N40 -SISO	Ant1	2422	10.69	18.38	68.87	≤30.00	18.48	70.47	≤36.00	PASS	12
	Ant1	2437	10.85	18.46	70.15	≤30.00	18.56	71.78	≤36.00	PASS	12
	Ant1	2452	10.69	18.15	65.31	≤30.00	18.25	66.83	≤36.00	PASS	12
	Ant2	2422	11.33	19.56	90.36	≤30.00	15.86	38.55	≤36.00	PASS	12
	Ant2	2437	11.42	19.69	93.11	≤30.00	15.99	39.72	≤36.00	PASS	12
	Ant2	2452	11.39	19.58	90.78	≤30.00	15.88	38.73	≤36.00	PASS	12
11N40 -MIMO	Ant1	2422	10.85	18.61	---	---	---	---	---	---	---
	Ant2	2422	11.48	19.78	---	---	---	---	---	---	---
	total	2422	14.28	22.24	167.49	≤30.00	22.34	171.40	≤36.00	PASS	12
	Ant1	2437	11.01	18.69	---	---	---	---	≤36.00	PASS	12
	Ant2	2437	11.57	19.91	---	---	---	---	≤36.00	PASS	12
	total	2437	14.4	22.35	171.79	≤30.00	22.45	175.79	≤36.00	PASS	12

BV 7Layers Communications Technology  
(Shenzhen) Co., Ltd

No.B102, Dazu Chuangxin Mansion, North of Beihuan  
Avenue, North Area, Hi-Tech Industrial Park, Nanshan  
District, Shenzhen, Guangdong, China

Tel: +86 755 8869 6566  
Fax: +86 755 8869 6577  
Email: [customerservice.sw@bureauveritas.com](mailto:customerservice.sw@bureauveritas.com)



**BUREAU  
VERITAS**

**Test Report No.: W7L-P22110036RF02**

	Ant1	2452	10.85	18.38	---	---	---	---	---	---	---
	Ant2	2452	11.54	19.8	---	---	---	---	---	---	---
	total	2452	14.31	22.16	164.44	≤30.00	22.26	168.27	≤36.00	PASS	12
11AX20 -SISO	Ant1	2412	9.22	20.33	107.89	≤30.00	22.26	168.27	≤36.00	PASS	10
	Ant1	2437	8.92	19.99	99.77	≤30.00	20.43	110.41	≤36.00	PASS	10
	Ant1	2462	9.05	19.88	97.27	≤30.00	20.09	102.09	≤36.00	PASS	10
	Ant2	2412	9.24	18.52	71.12	≤30.00	19.98	99.54	≤36.00	PASS	10
	Ant2	2437	9.29	18.50	70.79	≤30.00	14.82	30.34	≤36.00	PASS	10
	Ant2	2462	9.18	18.59	72.28	≤30.00	14.80	30.20	≤36.00	PASS	10
11AX20 -MIMO	Ant1	2412	9.44	20.56	---	---	---	---	---	---	---
	Ant2	2412	9.45	18.74	---	---	---	---	---	---	---
	total	2412	12.55	22.75	188.36	≤30.00	22.85	192.75	≤36.00	PASS	10
	Ant1	2437	9.14	20.22	---	---	---	---	---	---	---
	Ant2	2437	9.50	18.72	---	---	---	---	---	---	---
	total	2437	12.42	22.54	179.47	≤30.00	22.64	183.65	≤36.00	PASS	10
	Ant1	2462	9.27	20.11	---	---	---	---	---	---	---
	Ant2	2462	9.39	18.81	---	---	---	---	---	---	---
total	2462	12.43	22.52	178.65	≤30.00	22.62	182.81	≤36.00	PASS	10	
11AX40 -SISO	Ant1	2422	9.11	20.22	105.20	≤30.00	22.62	182.81	≤36.00	PASS	10
	Ant1	2437	8.91	20.07	101.62	≤30.00	20.32	107.65	≤36.00	PASS	10
	Ant1	2452	8.94	19.95	98.86	≤30.00	20.17	103.99	≤36.00	PASS	10

BV 7Layers Communications Technology  
(Shenzhen) Co., Ltd

No.B102, Dazu Chuangxin Mansion, North of Beihuan  
Avenue, North Area, Hi-Tech Industrial Park, Nanshan  
District, Shenzhen, Guangdong, China

Tel: +86 755 8869 6566  
Fax: +86 755 8869 6577  
Email: [customerservice.sw@bureauveritas.com](mailto:customerservice.sw@bureauveritas.com)



**BUREAU  
VERITAS**

**Test Report No.: W7L-P22110036RF02**

	Ant2	2422	8.91	17.56	57.02	≤30.00	20.05	101.16	≤36.00	PASS	10
	Ant2	2437	8.92	17.75	59.57	≤30.00	13.86	24.32	≤36.00	PASS	10
	Ant2	2452	8.94	17.57	57.15	≤30.00	14.05	25.41	≤36.00	PASS	10
11AX40 -MIMO	Ant1	2422	9.33	20.45	---	---	---	---	---	---	---
	Ant2	2422	9.12	17.78	---	---	---	---	---	---	---
	total	2422	12.33	22.33	171.00	≤30.00	22.43	174.98	≤36.00	PASS	10
	Ant1	2437	9.13	20.30	---	---	---	---	---	---	---
	Ant2	2437	9.13	17.97	---	---	---	---	---	---	---
	total	2437	12.23	22.30	169.82	≤30.00	22.4	173.78	≤36.00	PASS	10
	Ant1	2452	9.16	20.18	---	---	---	---	---	---	---
	Ant2	2452	9.15	17.79	---	---	---	---	---	---	---
	total	2452	12.26	22.16	164.44	≤30.00	22.26	168.27	≤36.00	PASS	10

NOTE: EIRP = Peak Power + Gain

BV 7Layers Communications Technology  
(Shenzhen) Co., Ltd

No.B102, Dazu Chuangxin Mansion, North of Beihuan  
Avenue, North Area, Hi-Tech Industrial Park, Nanshan  
District, Shenzhen, Guangdong, China

Tel: +86 755 8869 6566  
Fax: +86 755 8869 6577  
Email: [customerservice.sw@bureauveritas.com](mailto:customerservice.sw@bureauveritas.com)





### MAXIMUM POWER SPECTRAL DENSITY TEST RESULT

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B-CDD	Ant1	2412	-7.32	≤8.00	PASS
	Ant2	2412	-6.78	≤8.00	PASS
	total	2412	-4.03	≤8.00	PASS
	Ant1	2437	-7.89	≤8.00	PASS
	Ant2	2437	-7.19	≤8.00	PASS
	total	2437	-4.52	≤8.00	PASS
	Ant1	2462	-7.19	≤8.00	PASS
	Ant2	2462	-6.71	≤8.00	PASS
	total	2462	-3.93	≤8.00	PASS
11G-CDD	Ant1	2412	-10.51	≤8.00	PASS
	Ant2	2412	-9.85	≤8.00	PASS
	total	2412	-7.16	≤8.00	PASS
	Ant1	2437	-11.39	≤8.00	PASS
	Ant2	2437	-10.35	≤8.00	PASS
	total	2437	-7.83	≤8.00	PASS
	Ant1	2462	-10.44	≤8.00	PASS
	Ant2	2462	-10.06	≤8.00	PASS



**BUREAU  
VERITAS**

**Test Report No.: W7L-P22110036RF02**

	total	2462	-7.24	≤8.00	PASS
11N20MIMO	Ant1	2412	-12.39	≤8.00	PASS
	Ant2	2412	-9.98	≤8.00	PASS
	total	2412	-8.01	≤8.00	PASS
	Ant1	2437	-13.08	≤8.00	PASS
	Ant2	2437	-11.59	≤8.00	PASS
	total	2437	-9.26	≤8.00	PASS
	Ant1	2462	-12.49	≤8.00	PASS
	Ant2	2462	-11.46	≤8.00	PASS
	total	2462	-8.93	≤8.00	PASS
11N40MIMO	Ant1	2422	-14.66	≤8.00	PASS
	Ant2	2422	-13.54	≤8.00	PASS
	total	2422	-11.05	≤8.00	PASS
	Ant1	2437	-15.15	≤8.00	PASS
	Ant2	2437	-14.22	≤8.00	PASS
	total	2437	-11.65	≤8.00	PASS
	Ant1	2452	-14.32	≤8.00	PASS
	Ant2	2452	-15.01	≤8.00	PASS
	total	2452	-11.64	≤8.00	PASS
11AX20MIMO	Ant1	2412	-15.16	≤8.00	PASS
	Ant2	2412	-14.68	≤8.00	PASS

BV 7Layers Communications Technology  
(Shenzhen) Co., Ltd

No.B102, Dazu Chuangxin Mansion, North of Beihuan  
Avenue, North Area, Hi-Tech Industrial Park, Nanshan  
District, Shenzhen, Guangdong, China

Tel: +86 755 8869 6566  
Fax: +86 755 8869 6577  
Email: [customerservice.sw@bureauveritas.com](mailto:customerservice.sw@bureauveritas.com)



BUREAU  
VERITAS

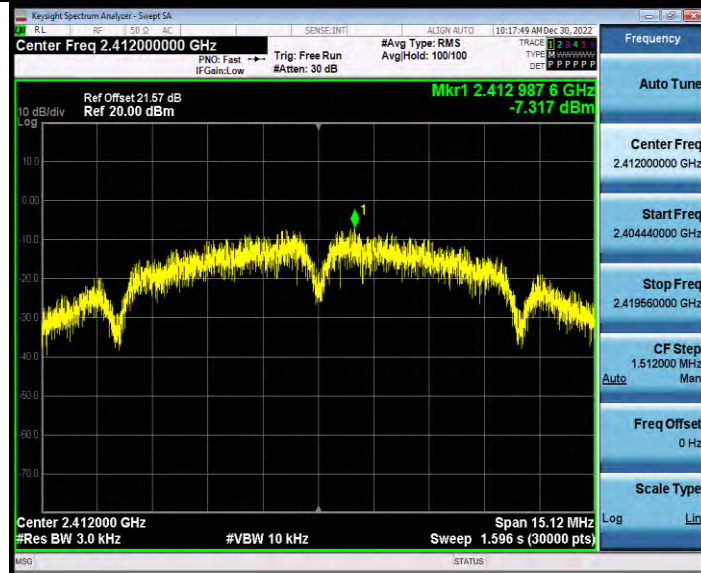
Test Report No.: W7L-P22110036RF02

	total	2412	-11.90	≤8.00	PASS
	Ant1	2437	-16.47	≤8.00	PASS
	Ant2	2437	-15.26	≤8.00	PASS
	total	2437	-12.81	≤8.00	PASS
	Ant1	2462	-15.27	≤8.00	PASS
	Ant2	2462	-14	≤8.00	PASS
	total	2462	-11.58	≤8.00	PASS
11AX40MIMO	Ant1	2422	-16.79	≤8.00	PASS
	Ant2	2422	-15.67	≤8.00	PASS
	total	2422	-13.18	≤8.00	PASS
	Ant1	2437	-18.1	≤8.00	PASS
	Ant2	2437	-17.46	≤8.00	PASS
	total	2437	-14.76	≤8.00	PASS
	Ant1	2452	-18.35	≤8.00	PASS
	Ant2	2452	-17.44	≤8.00	PASS
	total	2452	-14.86	≤8.00	PASS



**BUREAU VERITAS** Test Report No.: W7L-P22110036RF02  
**TEST GRAPHS**

11B-CDD\_Ant1\_2412



11B-CDD\_Ant2\_2412



11B-CDD\_Ant1\_2437





**BUREAU  
VERITAS**

**Test Report No.: W7L-P22110036RF02**



11B-CDD\_Ant2\_2437



11B-CDD\_Ant1\_2462



**BUREAU  
VERITAS**

**Test Report No.: W7L-P22110036RF02**



11B-CDD\_Ant2\_2462

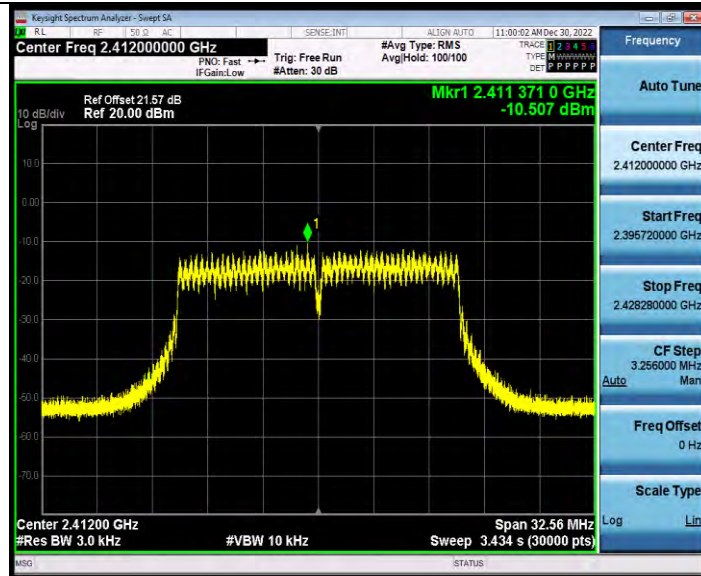


11G-CDD\_Ant1\_2412



BUREAU VERITAS

Test Report No.: W7L-P22110036RF02



11G-CDD\_Ant2\_2412

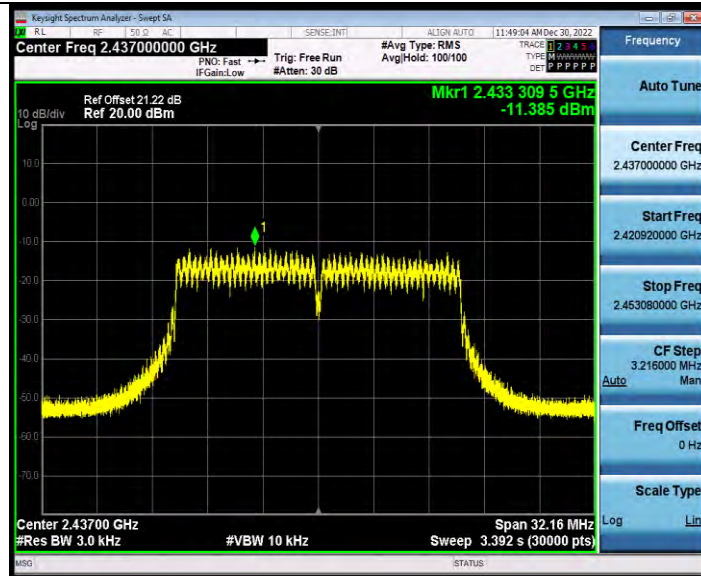


11G-CDD\_Ant1\_2437



**BUREAU  
VERITAS**

**Test Report No.: W7L-P22110036RF02**



11G-CDD\_Ant2\_2437



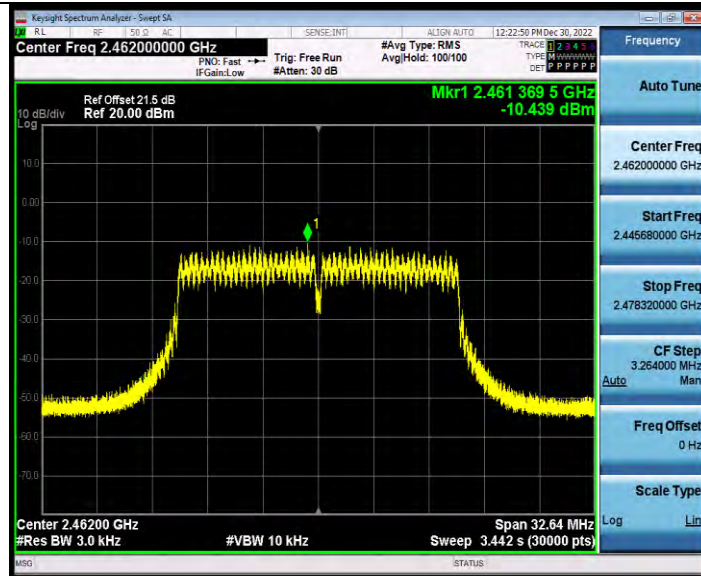
11G-CDD\_Ant1\_2462





**BUREAU  
VERITAS**

**Test Report No.: W7L-P22110036RF02**



11G-CDD\_Ant2\_2462

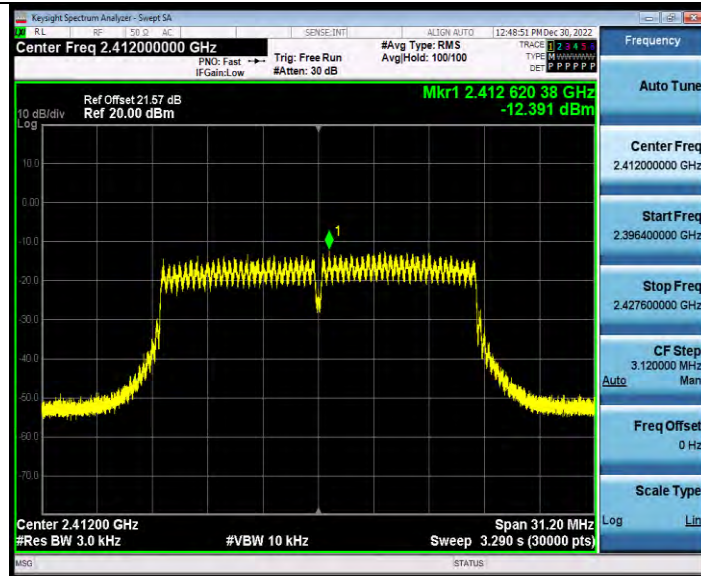


11N20MIMO\_Ant1\_2412



**BUREAU  
VERITAS**

**Test Report No.: W7L-P22110036RF02**



11N20MIMO\_Ant2\_2412

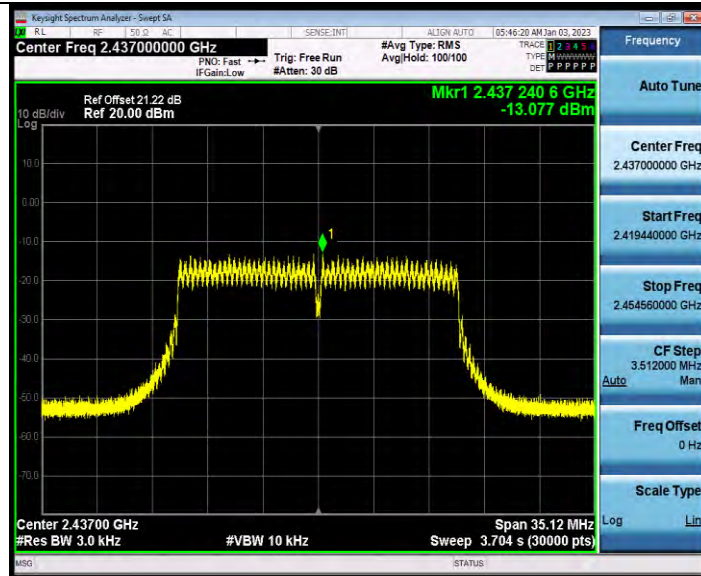


11N20MIMO\_Ant1\_2437



**BUREAU  
VERITAS**

**Test Report No.: W7L-P22110036RF02**



11N20MIMO\_Ant2\_2437

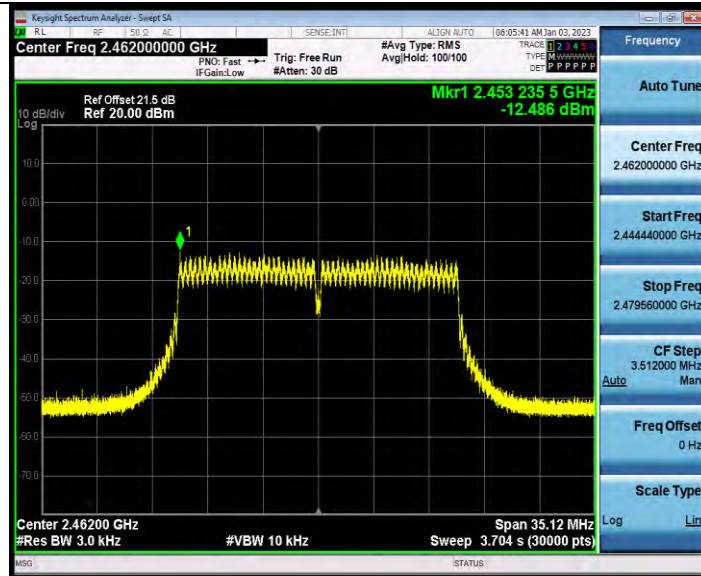


11N20MIMO\_Ant1\_2462



**BUREAU  
VERITAS**

**Test Report No.: W7L-P22110036RF02**



11N20MIMO\_Ant2\_2462



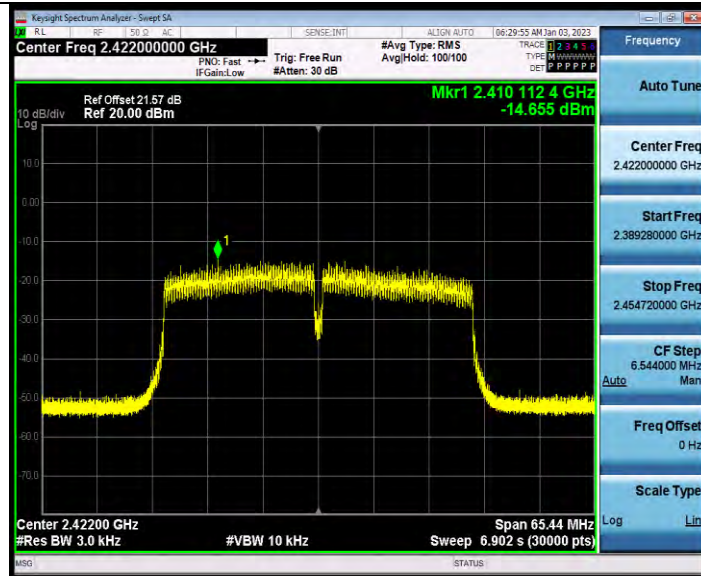
11N40MIMO\_Ant1\_2422



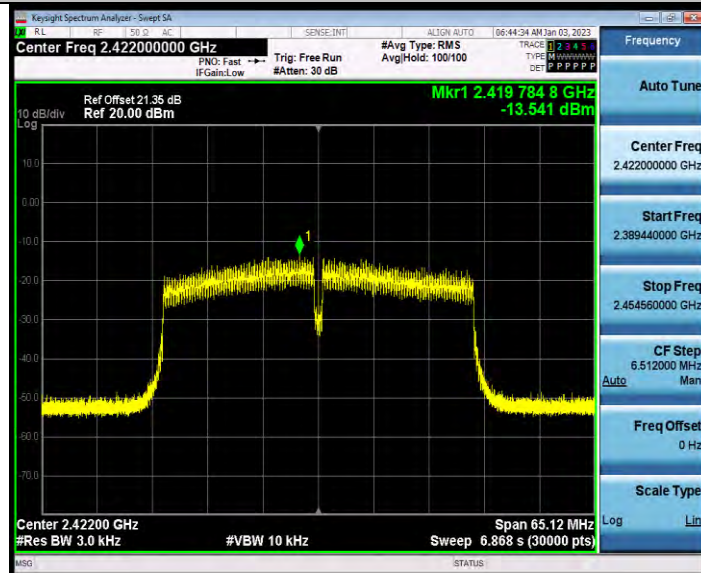


**BUREAU  
VERITAS**

**Test Report No.: W7L-P22110036RF02**



11N40MIMO\_Ant2\_2422

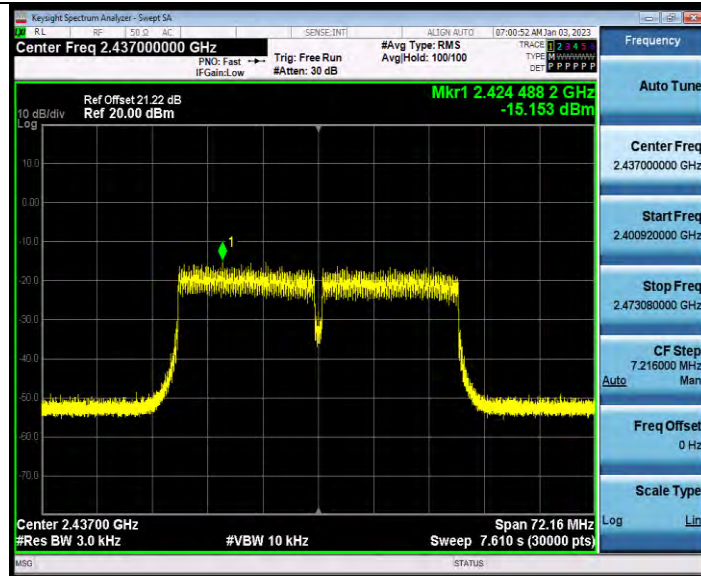


11N40MIMO\_Ant1\_2437

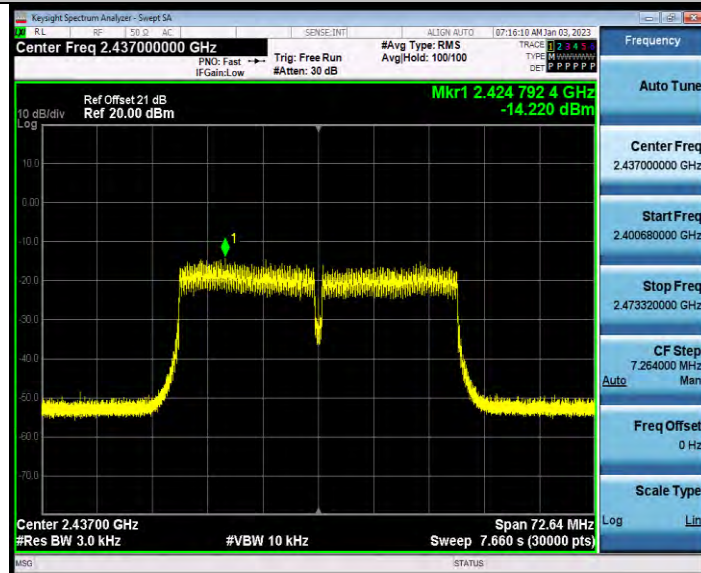


BUREAU  
VERITAS

Test Report No.: W7L-P22110036RF02



11N40MIMO\_Ant2\_2437



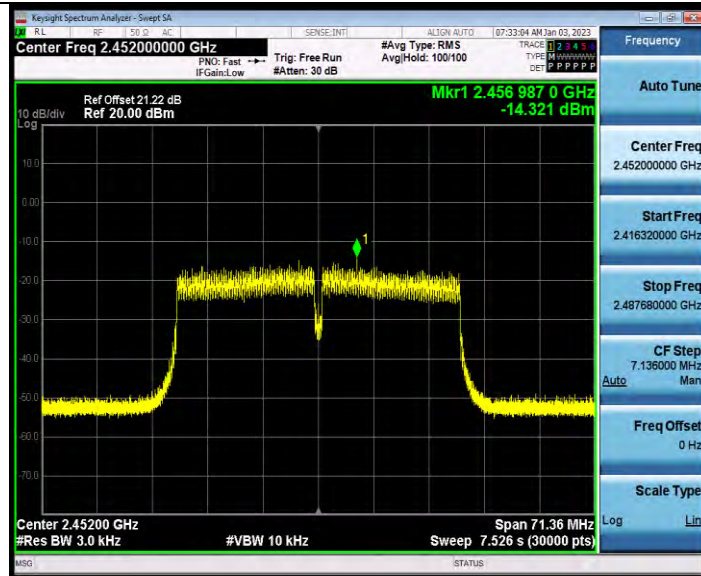
11N40MIMO\_Ant1\_2452



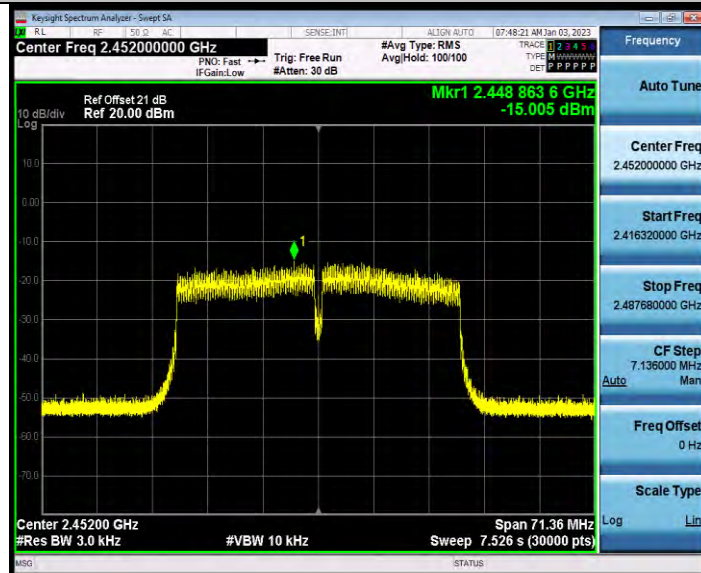


**BUREAU  
VERITAS**

**Test Report No.: W7L-P22110036RF02**



11N40MIMO\_Ant2\_2452

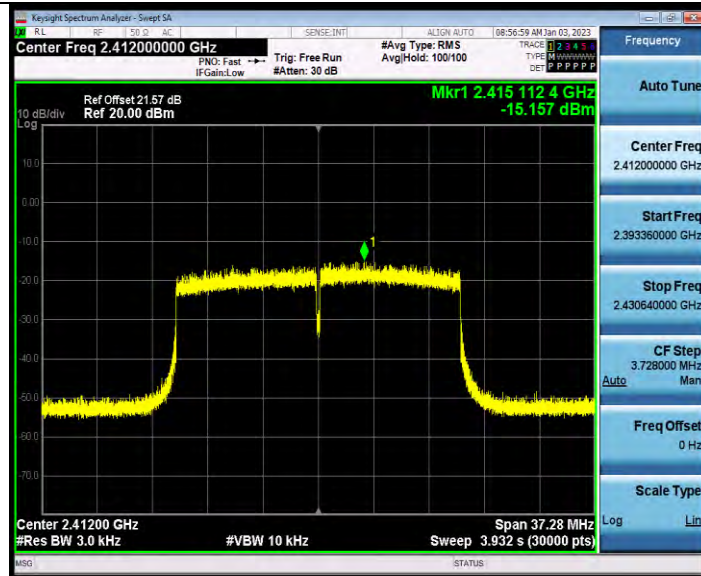


11AX20MIMO\_Ant1\_2412



**BUREAU  
VERITAS**

**Test Report No.: W7L-P22110036RF02**



11AX20MIMO\_Ant2\_2412

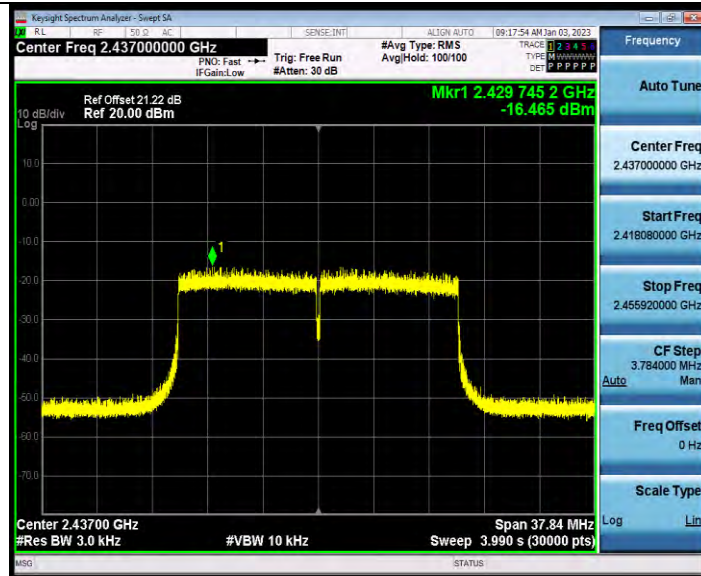


11AX20MIMO\_Ant1\_2437



BUREAU  
VERITAS

Test Report No.: W7L-P22110036RF02



11AX20MIMO\_Ant2\_2437

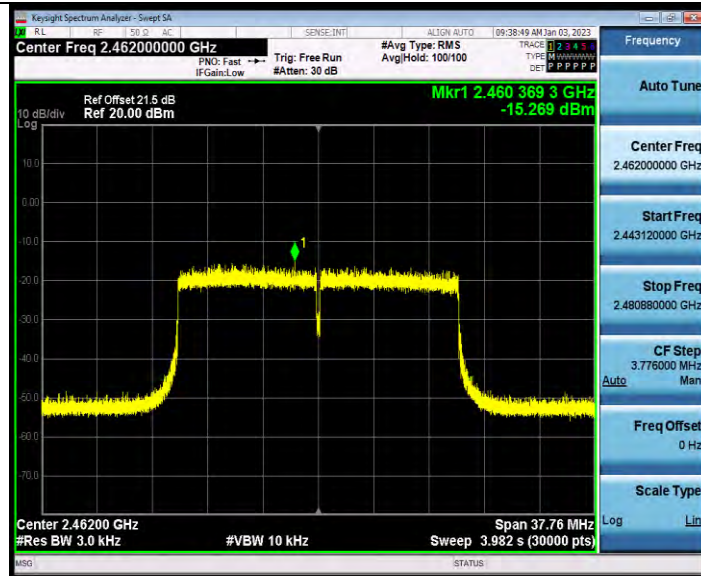


11AX20MIMO\_Ant1\_2462



BUREAU VERITAS

Test Report No.: W7L-P22110036RF02



11AX20MIMO\_Ant2\_2462



11AX40MIMO\_Ant1\_2422





**BUREAU  
VERITAS**

**Test Report No.: W7L-P22110036RF02**



11AX40MIMO\_Ant2\_2422

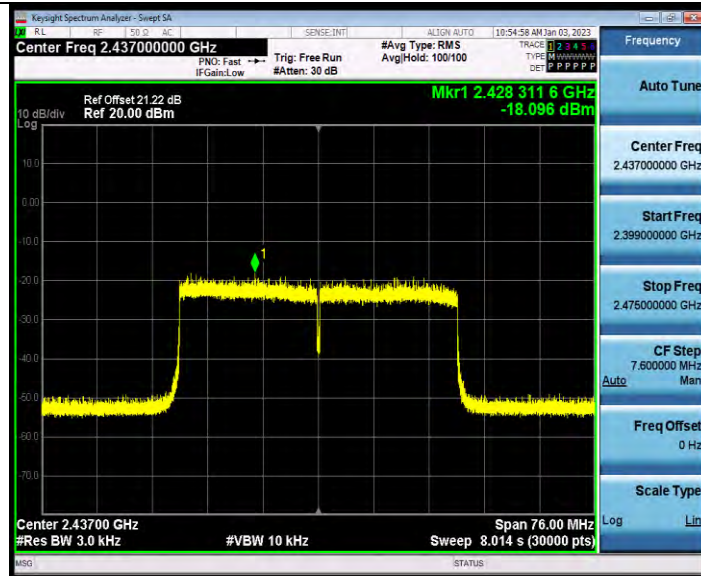


11AX40MIMO\_Ant1\_2437



**BUREAU  
VERITAS**

**Test Report No.: W7L-P22110036RF02**



11AX40MIMO\_Ant2\_2437



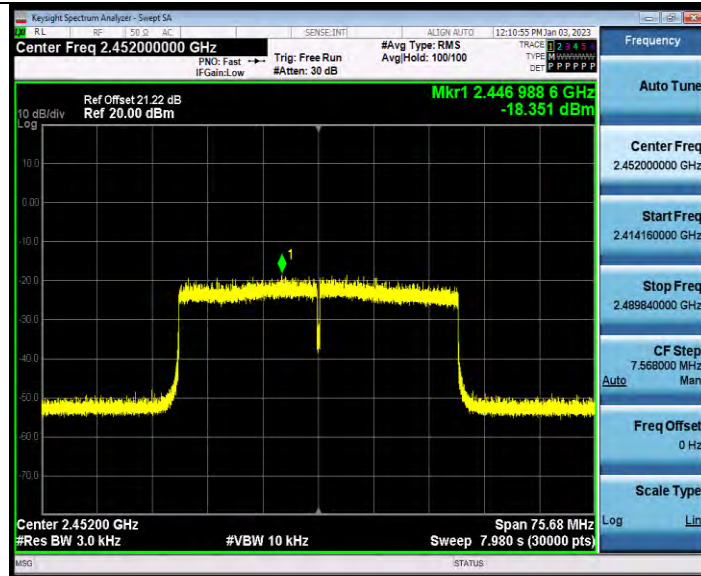
11AX40MIMO\_Ant1\_2452





**BUREAU  
VERITAS**

**Test Report No.: W7L-P22110036RF02**



11AX40MIMO\_Ant2\_2452



**BAND EDGE MEASUREMENTS****TEST RESULT**

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B-CDD	Ant1	Low	2412	7.07	-34.16	≤-12.94	PASS
	Ant2	Low	2412	7.55	-33.71	≤-12.45	PASS
	Ant1	High	2462	6.24	-34.05	≤-13.76	PASS
	Ant2	High	2462	6.77	-33.34	≤-13.23	PASS
11G-CDD	Ant1	Low	2412	3.16	-34.15	≤-16.84	PASS
	Ant2	Low	2412	3.45	-34.00	≤-16.55	PASS
	Ant1	High	2462	3.12	-33.28	≤-16.88	PASS
	Ant2	High	2462	2.32	-34.08	≤-17.68	PASS
11N20MIMO	Ant1	Low	2412	-0.15	-34.73	≤-20.15	PASS
	Ant2	Low	2412	1.82	-35.01	≤-18.18	PASS
	Ant1	High	2462	-1.28	-33.87	≤-21.28	PASS
	Ant2	High	2462	1.94	-34.32	≤-18.06	PASS
11N40MIMO	Ant1	Low	2422	-1.55	-34.18	≤-21.55	PASS
	Ant2	Low	2422	-2.91	-33.81	≤-22.91	PASS
	Ant1	High	2452	-3.00	-34.42	≤-23	PASS
	Ant2	High	2452	-2.26	-34.01	≤-22.26	PASS
11AX20MIMO	Ant1	Low	2412	-0.35	-34.03	≤-20.35	PASS
	Ant2	Low	2412	-0.57	-34.3	≤-20.57	PASS
	Ant1	High	2462	-2.60	-33.44	≤-22.6	PASS
	Ant2	High	2462	-1.71	-34.47	≤-21.71	PASS
11AX40MIMO	Ant1	Low	2422	-5.71	-33.96	≤-25.71	PASS
	Ant2	Low	2422	-3.49	-34.5	≤-23.49	PASS
	Ant1	High	2452	-4.79	-34.09	≤-24.79	PASS
	Ant2	High	2452	-5.49	-35.09	≤-25.49	PASS