



BUREAU VERITAS

Test Report No.: W7L-P24040006RF02



11AX40MIMO_Ant2_2422_484Tone_RU65



11AX40MIMO_Ant1_2437_484Tone_RU65

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

Room B37, Warehouse A5, No.3 Chiwan 4th Road, Zhaoshang Street, Nanshan District Shenzhen, Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



**BUREAU
VERITAS**

Test Report No.: W7L-P24040006RF02



11AX40MIMO_Ant2_2437_484Tone_RU65



11AX40MIMO_Ant1_2452_484Tone_RU65



**BUREAU
VERITAS**

Test Report No.: W7L-P24040006RF02



11AX40MIMO_Ant2_2452_484Tone_RU65



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

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



OCCUPIED CHANNEL BANDWIDTH

TEST RESULT

Test Mode	Antenna	Frequency [MHz]	Ru Size	Ru Index	DTS BW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
11AX20MIMO	Ant1	2412	26Tone	RU0	18.854	2401.88 21	2420.73 61	---	---
			52Tone	RU37	18.597	2402.08 17	2420.67 87	---	---
			106Tone	RU53	18.165	2402.25 69	2420.42 19	---	---
			242Tone	RU61	18.954	2402.54 85	2421.50 25	---	---
	Ant2	2412	26Tone	RU0	18.637	2401.84 79	2420.48 49	---	---
			52Tone	RU37	18.602	2402.09 81	2420.70 01	---	---
			106Tone	RU53	18.339	2402.30 80	2420.64 70	---	---
			242Tone	RU61	18.942	2402.53 90	2421.48 10	---	---
	Ant1	2437	26Tone	RU4	16.839	2428.59 15	2445.43 05	---	---
			52Tone	RU38	16.967	2428.47 86	2445.44 56	---	---
			106Tone	RU53	18.510	2427.12 15	2445.63 15	---	---
			242Tone	RU61	18.982	2427.49 13	2446.47 33	---	---
	Ant2	2437	26Tone	RU4	16.316	2428.81 55	2445.13 15	---	---
			52Tone	RU38	17.072	2428.46 13	2445.53 33	---	---
			106Tone	RU53	18.465	2427.14	2445.61	---	---



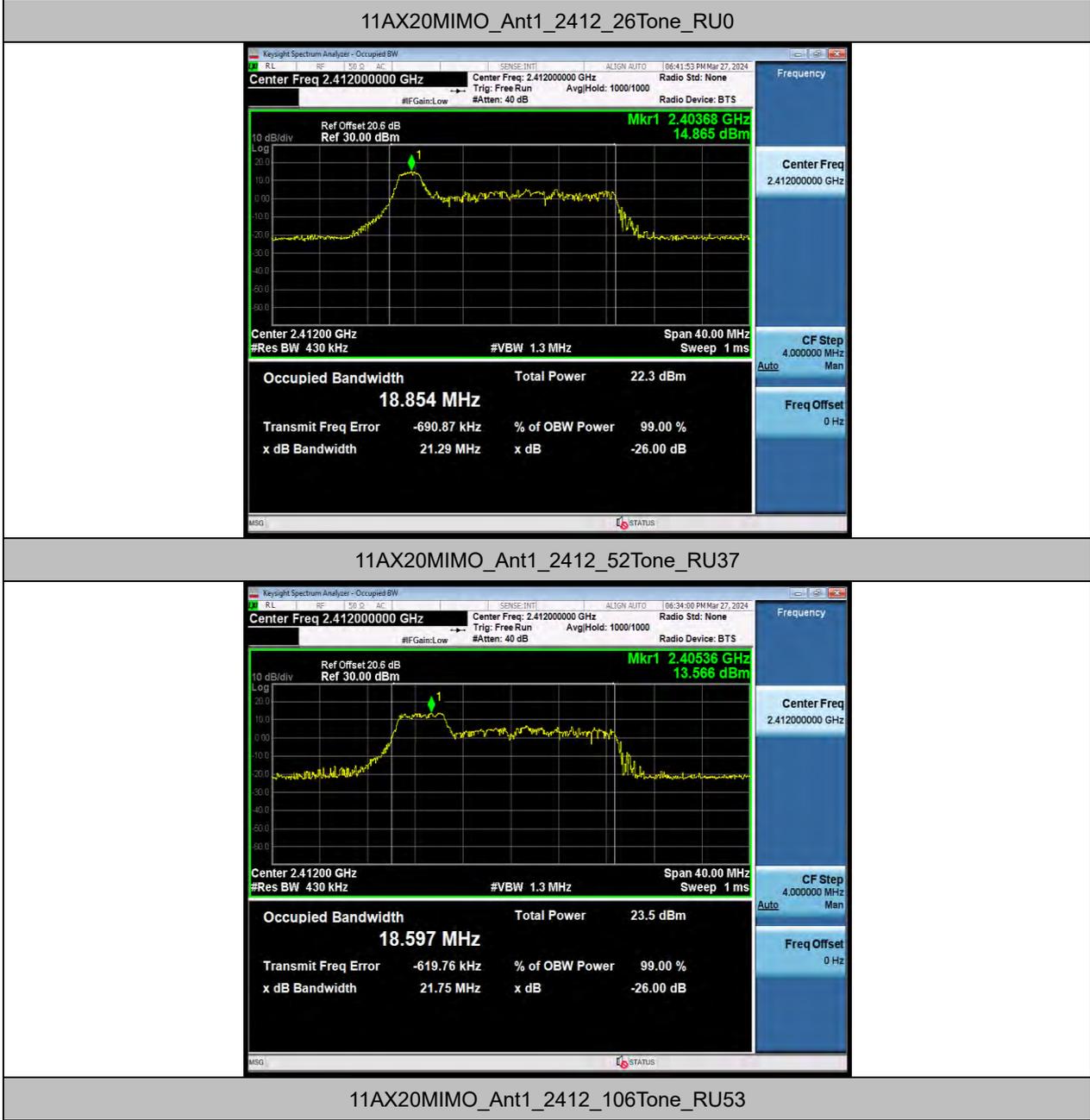
	Ant1	2462				61	11		
			242Tone	RU61	18.982	2427.50 50	2446.48 70	---	---
			26Tone	RU8	18.682	2453.58 90	2472.27 10	---	---
			52Tone	RU40	18.221	2453.74 99	2471.97 09	---	---
			106Tone	RU54	18.399	2453.42 61	2471.82 51	---	---
	Ant2	2462	242Tone	RU61	18.961	2452.52 70	2471.48 80	---	---
			26Tone	RU8	18.726	2453.51 40	2472.24 00	---	---
			52Tone	RU40	18.316	2453.57 82	2471.89 42	---	---
			106Tone	RU54	18.375	2453.41 50	2471.79 00	---	---
	11AX40MIMO	Ant1	2422	484Tone	RU65	37.885	2403.05 96	2440.94 46	---
Ant2		2422	484Tone	RU65	37.905	2403.02 86	2440.93 36	---	---
Ant1		2437	484Tone	RU65	37.913	2418.01 43	2455.92 73	---	---
Ant2		2437	484Tone	RU65	37.972	2417.96 90	2455.94 10	---	---
Ant1		2452	484Tone	RU65	37.985	2432.95 04	2470.93 54	---	---
Ant2		2452	484Tone	RU65	37.890	2432.99 00	2470.88 00	---	---



BUREAU VERITAS

Test Report No.: W7L-P24040006RF02

TEST GRAPHS



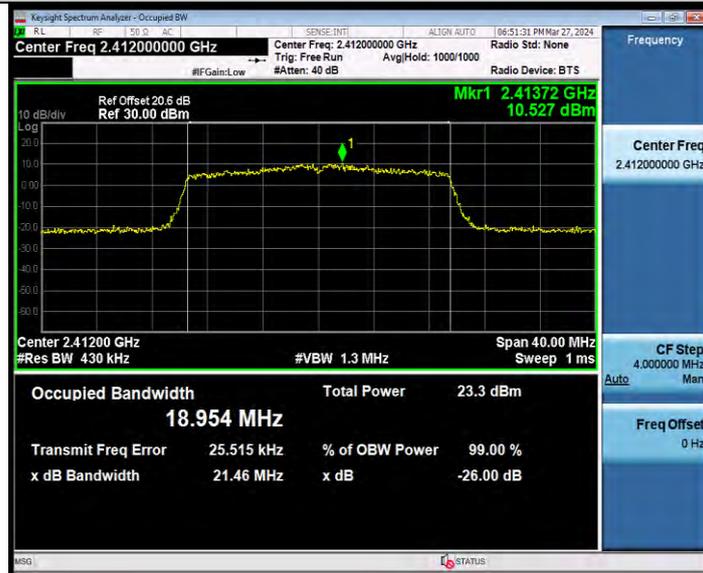


**BUREAU
VERITAS**

Test Report No.: W7L-P24040006RF02



11AX20MIMO_Ant1_2412_242Tone_RU61



11AX20MIMO_Ant2_2412_26Tone_RU0



**BUREAU
VERITAS**

Test Report No.: W7L-P24040006RF02



11AX20MIMO_Ant2_2412_52Tone_RU37



11AX20MIMO_Ant2_2412_106Tone_RU53

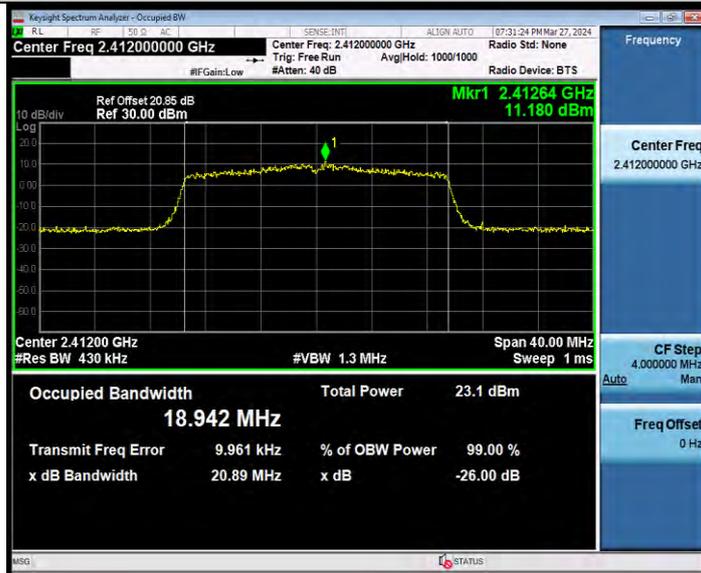


**BUREAU
VERITAS**

Test Report No.: W7L-P24040006RF02



11AX20MIMO_Ant2_2412_242Tone_RU61



11AX20MIMO_Ant1_2437_26Tone_RU4



**BUREAU
VERITAS**

Test Report No.: W7L-P24040006RF02



11AX20MIMO_Ant1_2437_52Tone_RU38



11AX20MIMO_Ant1_2437_106Tone_RU53



**BUREAU
VERITAS**

Test Report No.: W7L-P24040006RF02



11AX20MIMO_Ant1_2437_242Tone_RU61



11AX20MIMO_Ant2_2437_26Tone_RU4



**BUREAU
VERITAS**

Test Report No.: W7L-P24040006RF02



11AX20MIMO_Ant2_2437_52Tone_RU38



11AX20MIMO_Ant2_2437_106Tone_RU53



**BUREAU
VERITAS**

Test Report No.: W7L-P24040006RF02



11AX20MIMO_Ant2_2437_242Tone_RU61



11AX20MIMO_Ant1_2462_26Tone_RU8

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

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



**BUREAU
VERITAS**

Test Report No.: W7L-P24040006RF02



11AX20MIMO_Ant1_2462_52Tone_RU40



11AX20MIMO_Ant1_2462_106Tone_RU54

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

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



**BUREAU
VERITAS**

Test Report No.: W7L-P24040006RF02



11AX20MIMO_Ant1_2462_242Tone_RU61



11AX20MIMO_Ant2_2462_26Tone_RU8

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

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



**BUREAU
VERITAS**

Test Report No.: W7L-P24040006RF02



11AX20MIMO_Ant2_2462_52Tone_RU40



11AX20MIMO_Ant2_2462_106Tone_RU54



**BUREAU
VERITAS**

Test Report No.: W7L-P24040006RF02



11AX20MIMO_Ant2_2462_242Tone_RU61



11AX40MIMO_Ant1_2422_484Tone_RU65

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

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



**BUREAU
VERITAS**

Test Report No.: W7L-P24040006RF02



11AX40MIMO_Ant2_2422_484Tone_RU65

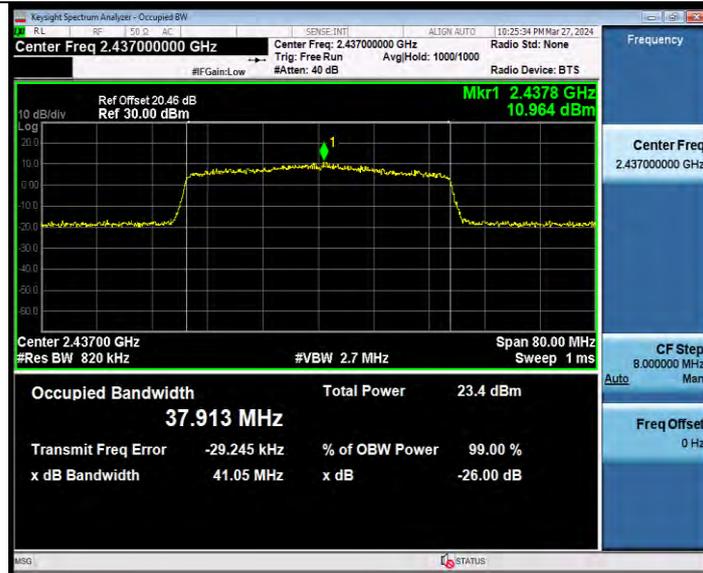


11AX40MIMO_Ant1_2437_484Tone_RU65



**BUREAU
VERITAS**

Test Report No.: W7L-P24040006RF02



11AX40MIMO_Ant2_2437_484Tone_RU65

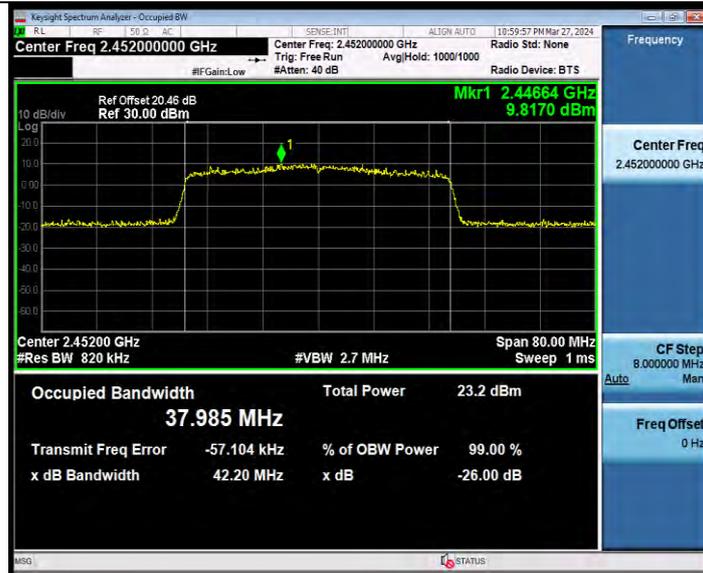


11AX40MIMO_Ant1_2452_484Tone_RU65



**BUREAU
VERITAS**

Test Report No.: W7L-P24040006RF02



11AX40MIMO_Ant2_2452_484Tone_RU65



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

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



MAXIMUM CONDUCTED OUTPUT POWER

TEST RESULT

Test Mode	TX Mod.	RU Config.	Freq. [MHz]	Ant.	Average power [dBm]	Peak power [dBm]	Peak power [mw]	Conducted Power Limit [dBm]	EIRP power [dBm]	EIRP power [mw]	EIRP Limit [dBm]	Verdict	Power Setting	
11AX20	MIMO	26/0	2412	ANT1	14.03	24.48	280.54	≤30.00	26.48	444.63	≤36.00	PASS	14	
				ANT2	13.06	23.50	223.87	≤30.00	25.50	354.81	≤36.00	PASS	14	
				Total	16.58	27.03	504.42	≤30.00	29.03	799.44	≤36.00	PASS	14	
		26/4	2437	ANT1	14.48	25.00	316.23	≤30.00	27.00	501.19	≤36.00	PASS	14	
				ANT2	13.53	23.88	244.34	≤30.00	25.88	387.26	≤36.00	PASS	14	
				Total	17.04	27.49	560.57	≤30.00	29.49	888.44	≤36.00	PASS	14	
		26/8	2462	ANT1	15.46	25.45	350.75	≤30.00	27.45	555.90	≤36.00	PASS	14	
				ANT2	14.00	23.96	248.89	≤30.00	25.96	394.46	≤36.00	PASS	14	
				Total	17.80	27.78	599.64	≤30.00	29.78	950.36	≤36.00	PASS	15	
		MIMO	52/37	2412	ANT1	15.17	24.98	314.77	≤30.00	26.98	498.88	≤36.00	PASS	15
					ANT2	14.09	23.89	244.91	≤30.00	25.89	388.15	≤36.00	PASS	15
					Total	17.67	27.48	559.68	≤30.00	29.48	887.03	≤36.00	PASS	15
	52/38		2437	ANT1	15.62	25.57	360.58	≤30.00	27.57	571.48	≤36.00	PASS	15	
				ANT2	14.63	24.50	281.84	≤30.00	26.50	446.68	≤36.00	PASS	15	
				Total	18.16	28.08	642.42	≤30.00	30.08	1018.16	≤36.00	PASS	15	
	52/40		2462	ANT1	16.24	25.86	385.48	≤30.00	27.86	610.94	≤36.00	PASS	15	
				ANT2	14.83	24.92	310.46	≤30.00	26.92	492.04	≤36.00	PASS	15	
				Total	18.60	28.43	695.93	≤30.00	30.43	1102.98	≤36.00	PASS	15	
	MIMO		106/53	2412	ANT1	15.32	24.75	298.54	≤30.00	26.75	473.15	≤36.00	PASS	15
					ANT2	14.36	23.62	230.14	≤30.00	25.62	364.75	≤36.00	PASS	15
					Total	17.88	27.23	528.68	≤30.00	29.23	837.91	≤36.00	PASS	15
		106/53	2437	ANT1	15.77	24.54	284.45	≤30.00	26.54	450.82	≤36.00	PASS	15	
				ANT2	14.76	23.46	221.82	≤30.00	25.46	351.56	≤36.00	PASS	15	
				Total	18.30	27.04	506.27	≤30.00	29.04	802.38	≤36.00	PASS	15	
106/54		2462	ANT1	16.12	25.80	380.19	≤30.00	27.80	602.56	≤36.00	PASS	15		
			ANT2	14.89	24.82	303.39	≤30.00	26.82	480.84	≤36.00	PASS	15		
			Total	18.56	28.35	683.58	≤30.00	30.35	1083.40	≤36.00	PASS	15		



**BUREAU
VERITAS**

Test Report No.: W7L-P24040006RF02

	MIMO	FULL	2412	ANT1	15.26	21.21	132.13	≤30.00	23.21	209.41	≤36.00	PASS	15
				ANT2	14.09	20.19	104.47	≤30.00	22.19	165.58	≤36.00	PASS	15
				Total	17.72	23.74	236.60	≤30.00	25.74	374.99	≤36.00	PASS	15
		FULL	2437	ANT1	15.06	21.05	127.35	≤30.00	23.05	201.84	≤36.00	PASS	15
				ANT2	14.16	19.82	95.94	≤30.00	21.82	152.05	≤36.00	PASS	15
				Total	17.64	23.49	223.29	≤30.00	25.49	353.89	≤36.00	PASS	15
		FULL	2462	ANT1	15.44	21.38	137.40	≤30.00	23.38	217.77	≤36.00	PASS	15
				ANT2	14.26	20.16	103.75	≤30.00	22.16	164.44	≤36.00	PASS	15
				Total	17.90	23.82	241.16	≤30.00	25.82	382.21	≤36.00	PASS	15
11AX40	MIMO	FULL	2422	ANT1	15.42	20.96	124.74	≤30.00	22.96	197.70	≤36.00	PASS	15
				ANT2	14.35	19.8	95.50	≤30.00	21.80	151.36	≤36.00	PASS	15
				Total	17.93	23.43	220.24	≤30.00	25.43	349.05	≤36.00	PASS	15
		FULL	2437	ANT1	15.34	20.97	125.03	≤30.00	22.97	198.15	≤36.00	PASS	15
				ANT2	14.34	19.78	95.06	≤30.00	21.78	150.66	≤36.00	PASS	15
				Total	17.88	23.43	220.09	≤30.00	25.43	348.81	≤36.00	PASS	15
		FULL	2452	ANT1	15.63	21.2	131.83	≤30.00	23.20	208.93	≤36.00	PASS	15
				ANT2	14.39	19.92	98.17	≤30.00	21.92	155.60	≤36.00	PASS	15
				Total	18.07	23.62	230.00	≤30.00	25.62	364.53	≤36.00	PASS	15

Note: The Average power with duty cycle factor.



MAXIMUM POWER SPECTRAL DENSITY

TEST RESULT

TestMode	Antenna	Frequency [MHz]	RuSize	RuIndex	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11AX20MIMO	Ant1	2412	26Tone	RU0	-2.85	≤8.00	PASS
			52Tone	RU37	-3.08	≤8.00	PASS
			106Tone	RU53	-6.54	≤8.00	PASS
			242Tone	RU61	-7.73	≤8.00	PASS
	Ant2	2412	26Tone	RU0	-2.60	≤8.00	PASS
			52Tone	RU37	-3.52	≤8.00	PASS
			106Tone	RU53	-7.15	≤8.00	PASS
			242Tone	RU61	-8.77	≤8.00	PASS
	total	2412	26Tone	RU0	0.29	≤8.00	PASS
			52Tone	RU37	-0.28	≤8.00	PASS
			106Tone	RU53	-3.82	≤8.00	PASS
			242Tone	RU61	-5.21	≤8.00	PASS
	Ant1	2437	26Tone	RU4	-2.01	≤8.00	PASS
			52Tone	RU38	-3.91	≤8.00	PASS
			106Tone	RU53	-5.75	≤8.00	PASS
			242Tone	RU61	-8.52	≤8.00	PASS
	Ant2	2437	26Tone	RU4	-3.29	≤8.00	PASS
			52Tone	RU38	-4.95	≤8.00	PASS
			106Tone	RU53	-6.71	≤8.00	PASS
			242Tone	RU61	-9.11	≤8.00	PASS
	total	2437	26Tone	RU4	0.41	≤8.00	PASS
			52Tone	RU38	-1.39	≤8.00	PASS
			106Tone	RU53	-3.19	≤8.00	PASS
			242Tone	RU61	-5.79	≤8.00	PASS
	Ant1	2462	26Tone	RU8	-1.38	≤8.00	PASS
			52Tone	RU40	-3.96	≤8.00	PASS
			106Tone	RU54	-4.68	≤8.00	PASS
			242Tone	RU61	-7.65	≤8.00	PASS



**BUREAU
VERITAS**

Test Report No.: W7L-P24040006RF02

	Ant2	2462	26Tone	RU8	-1.73	≤8.00	PASS
			52Tone	RU40	-4.09	≤8.00	PASS
			106Tone	RU54	-6.21	≤8.00	PASS
			242Tone	RU61	-8.80	≤8.00	PASS
	total	2462	26Tone	RU8	1.46	≤8.00	PASS
			52Tone	RU40	-1.01	≤8.00	PASS
			106Tone	RU54	-2.37	≤8.00	PASS
			242Tone	RU61	-5.18	≤8.00	PASS
11AX40MIMO	Ant1	2422	484Tone	RU65	-11.25	≤8.00	PASS
	Ant2	2422	484Tone	RU65	-10.64	≤8.00	PASS
	total	2422	484Tone	RU65	-7.92	≤8.00	PASS
	Ant1	2437	484Tone	RU65	-11.20	≤8.00	PASS
	Ant2	2437	484Tone	RU65	-11.40	≤8.00	PASS
	total	2437	484Tone	RU65	-8.29	≤8.00	PASS
	Ant1	2452	484Tone	RU65	-11.95	≤8.00	PASS
	Ant2	2452	484Tone	RU65	-10.18	≤8.00	PASS
total	2452	484Tone	RU65	-7.97	≤8.00	PASS	

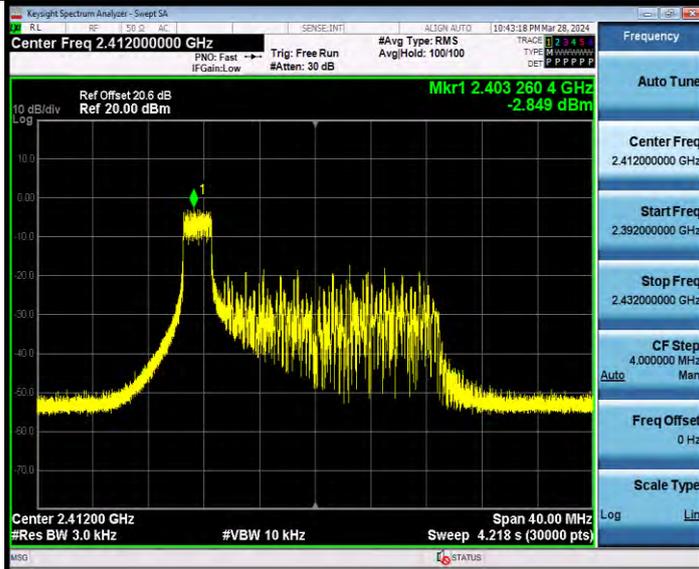


BUREAU VERITAS

Test Report No.: W7L-P24040006RF02

TEST GRAPHS

11AX20MIMO_Ant1_2412_26Tone_RU0



11AX20MIMO_Ant1_2412_52Tone_RU37

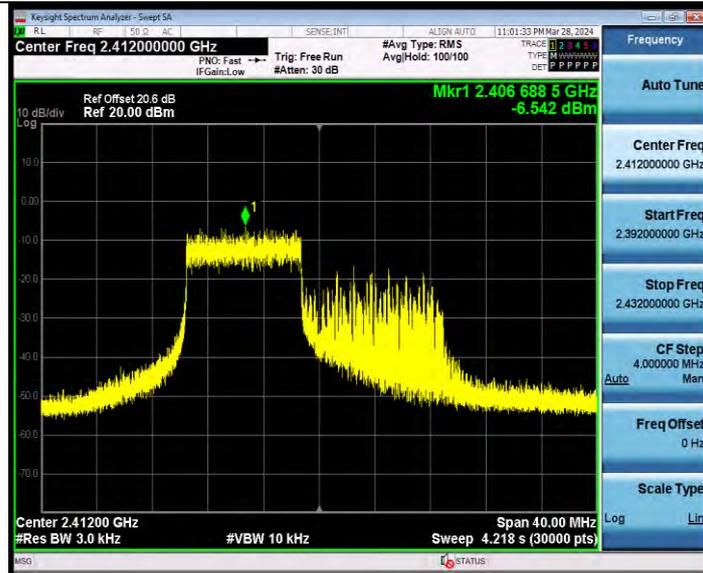


11AX20MIMO_Ant1_2412_106Tone_RU53



BUREAU
VERITAS

Test Report No.: W7L-P24040006RF02



11AX20MIMO_Ant1_2412_242Tone_RU61

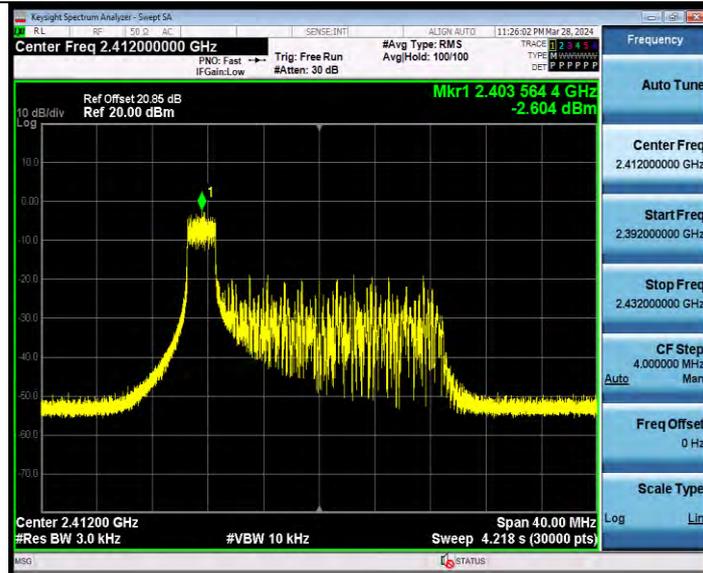


11AX20MIMO_Ant2_2412_26Tone_RU0



BUREAU
VERITAS

Test Report No.: W7L-P24040006RF02



11AX20MIMO_Ant2_2412_52Tone_RU37

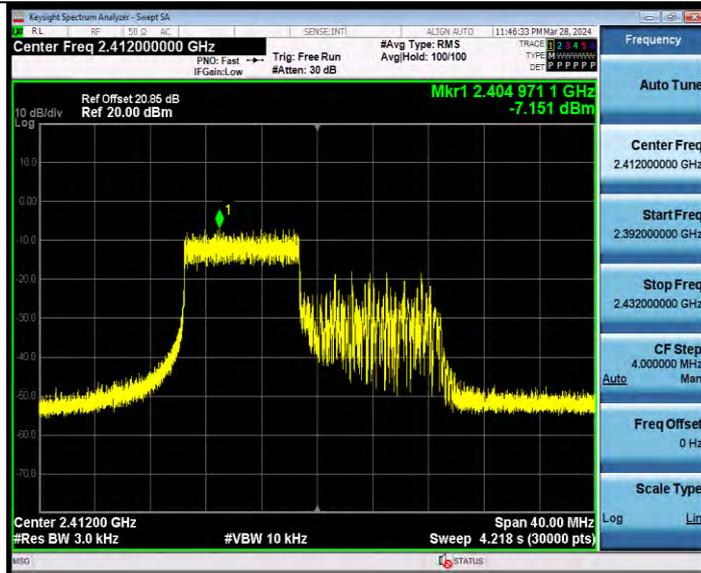


11AX20MIMO_Ant2_2412_106Tone_RU53



BUREAU VERITAS

Test Report No.: W7L-P24040006RF02



11AX20MIMO_Ant2_2412_242Tone_RU61

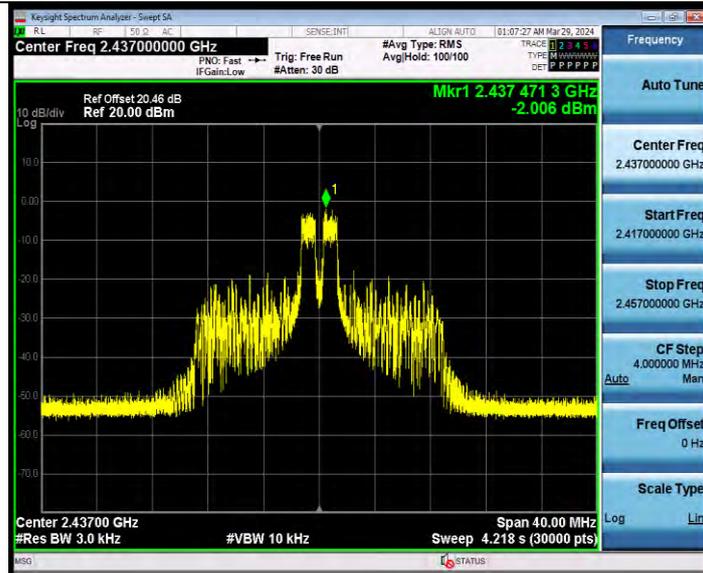


11AX20MIMO_Ant1_2437_26Tone_RU4

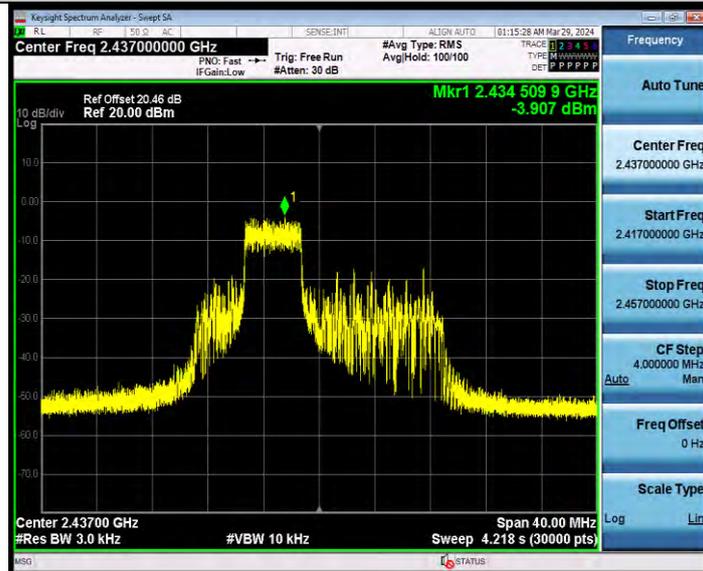


BUREAU
VERITAS

Test Report No.: W7L-P24040006RF02



11AX20MIMO_Ant1_2437_52Tone_RU38

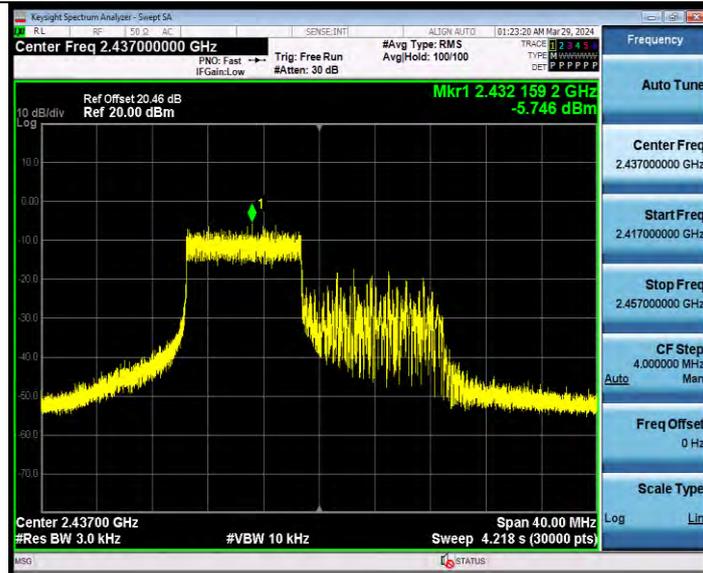


11AX20MIMO_Ant1_2437_106Tone_RU53



BUREAU
VERITAS

Test Report No.: W7L-P24040006RF02



11AX20MIMO_Ant1_2437_242Tone_RU61

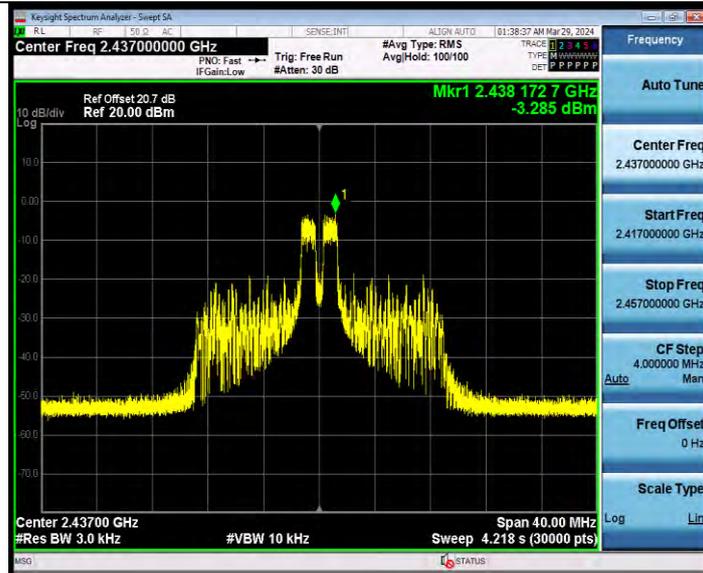


11AX20MIMO_Ant2_2437_26Tone_RU4

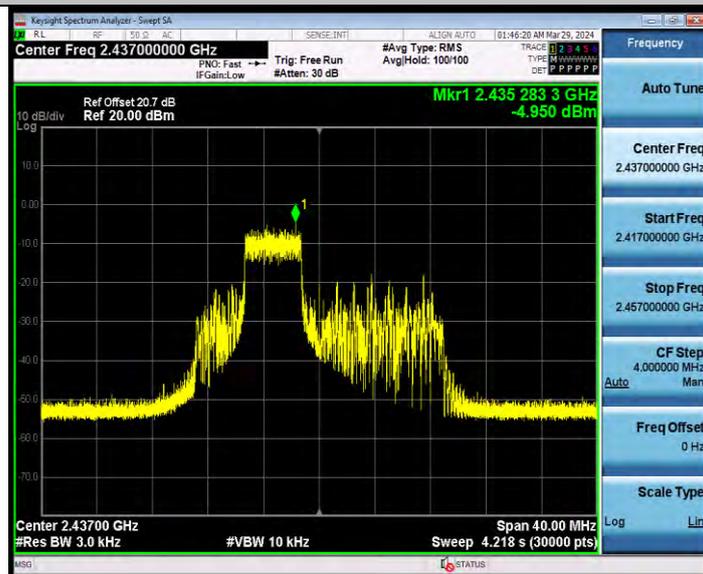


**BUREAU
VERITAS**

Test Report No.: W7L-P24040006RF02



11AX20MIMO_Ant2_2437_52Tone_RU38

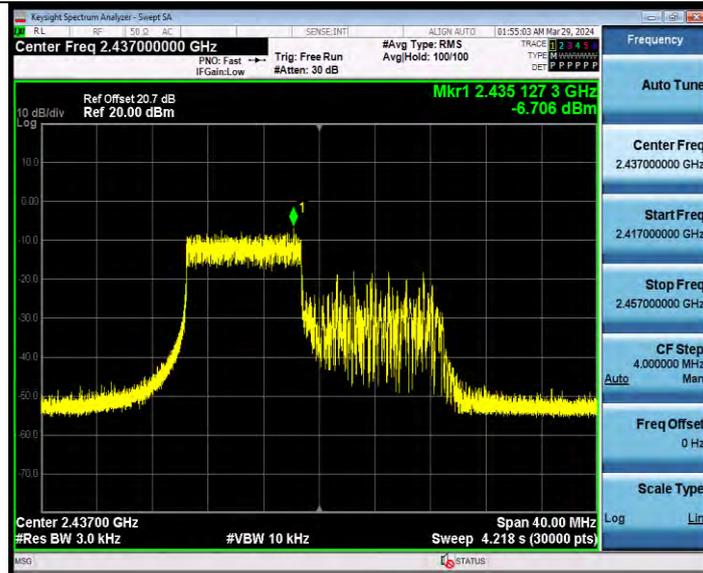


11AX20MIMO_Ant2_2437_106Tone_RU53



BUREAU VERITAS

Test Report No.: W7L-P24040006RF02



11AX20MIMO_Ant2_2437_242Tone_RU61

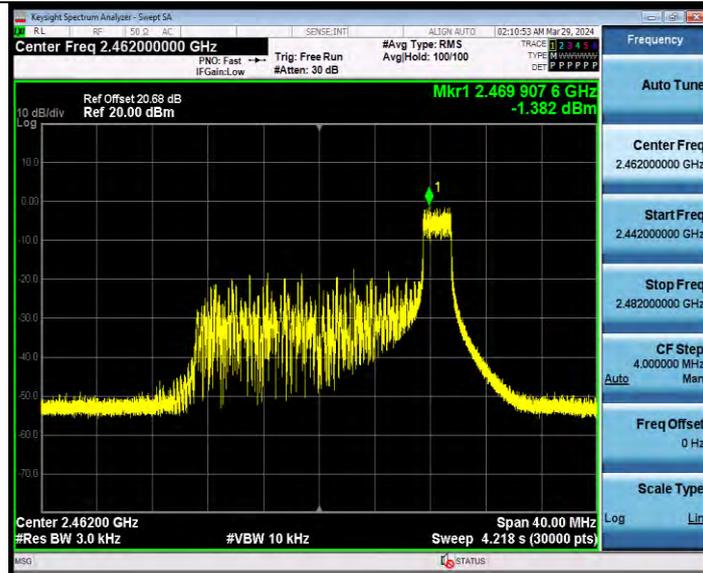


11AX20MIMO_Ant1_2462_26Tone_RU8



BUREAU VERITAS

Test Report No.: W7L-P24040006RF02



11AX20MIMO_Ant1_2462_52Tone_RU40

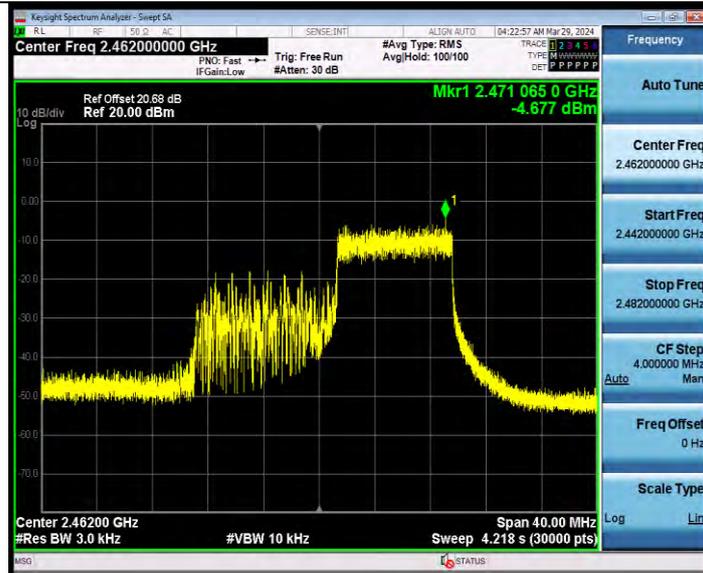


11AX20MIMO_Ant1_2462_106Tone_RU54

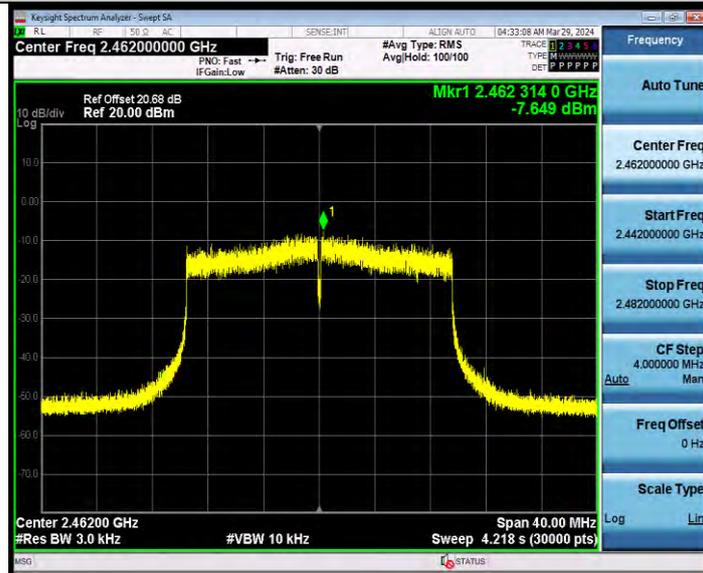


BUREAU VERITAS

Test Report No.: W7L-P24040006RF02



11AX20MIMO_Ant1_2462_242Tone_RU61

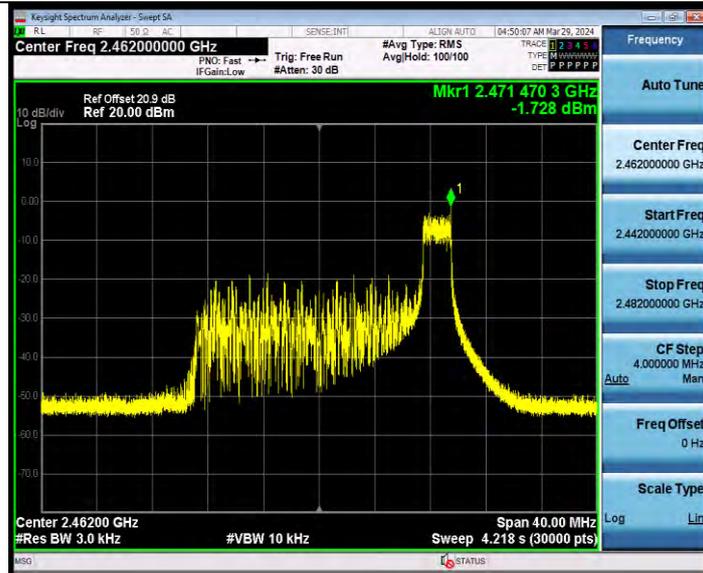


11AX20MIMO_Ant2_2462_26Tone_RU8

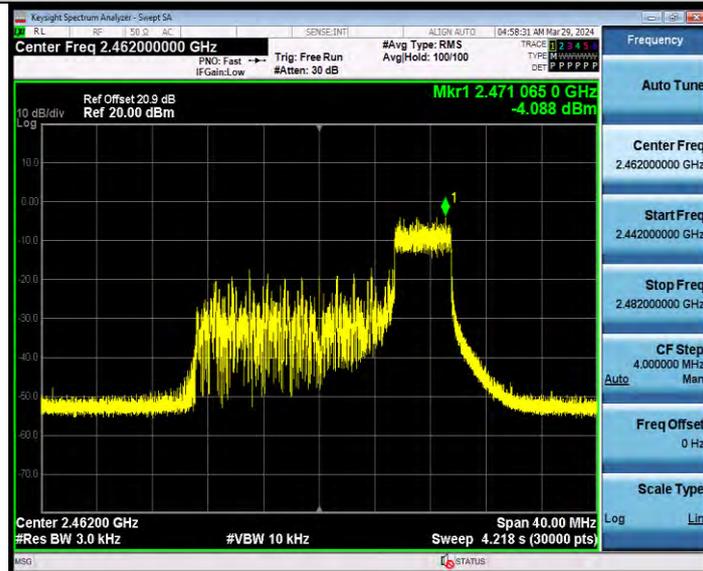


**BUREAU
VERITAS**

Test Report No.: W7L-P24040006RF02



11AX20MIMO_Ant2_2462_52Tone_RU40

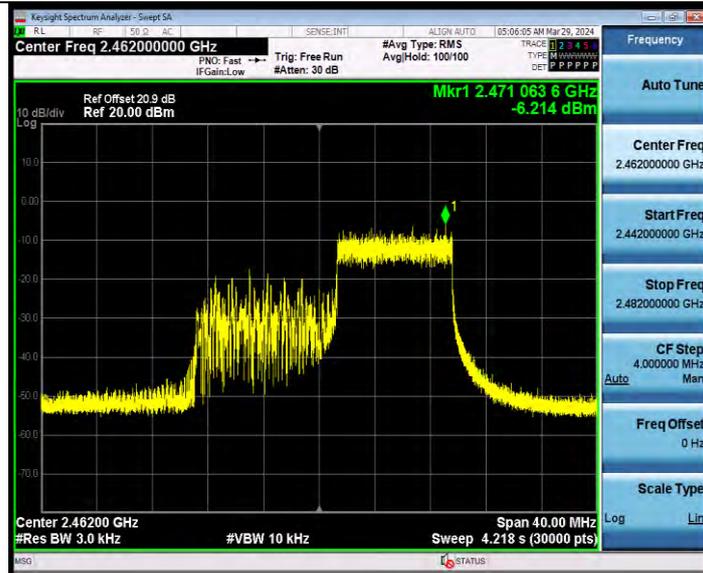


11AX20MIMO_Ant2_2462_106Tone_RU54



BUREAU
VERITAS

Test Report No.: W7L-P24040006RF02



11AX20MIMO_Ant2_2462_242Tone_RU61



11AX40MIMO_Ant1_2422_484Tone_RU65



BUREAU VERITAS

Test Report No.: W7L-P24040006RF02



11AX40MIMO_Ant2_2422_484Tone_RU65

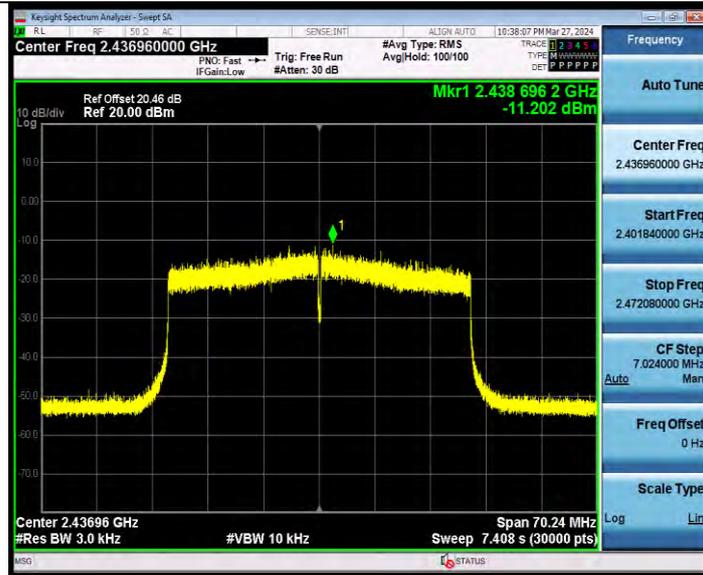


11AX40MIMO_Ant1_2437_484Tone_RU65

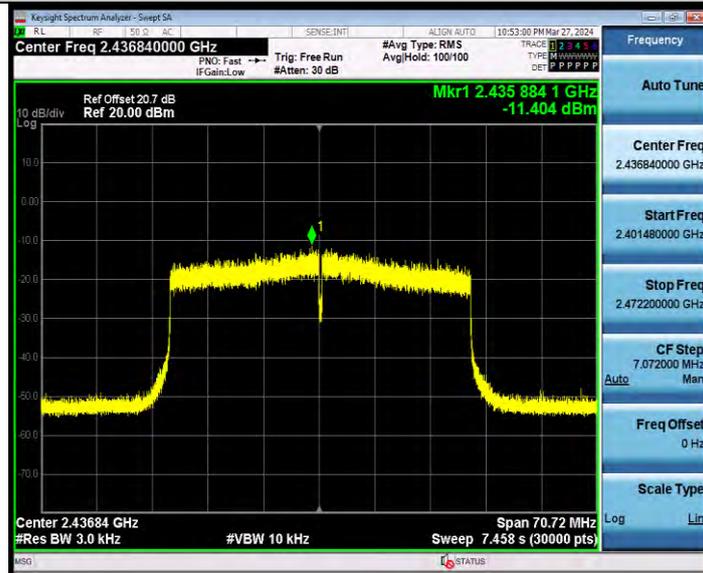


BUREAU VERITAS

Test Report No.: W7L-P24040006RF02



11AX40MIMO_Ant2_2437_484Tone_RU65

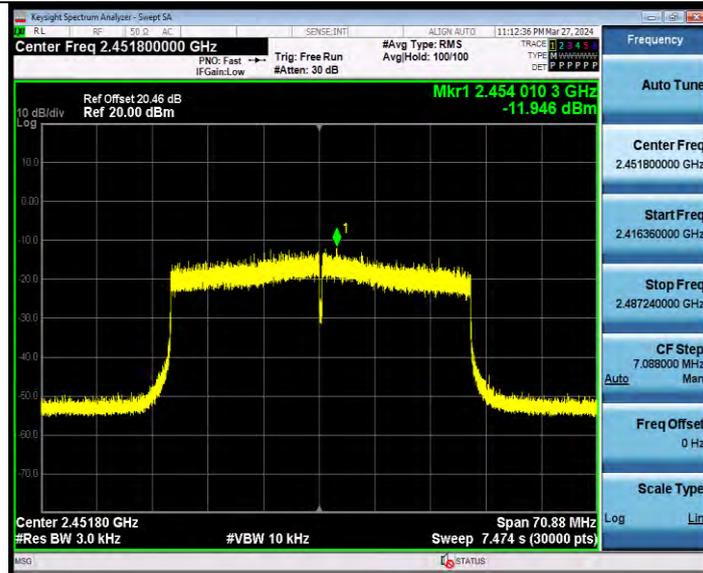


11AX40MIMO_Ant1_2452_484Tone_RU65



**BUREAU
VERITAS**

Test Report No.: W7L-P24040006RF02



11AX40MIMO_Ant2_2452_484Tone_RU65



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

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BAND EDGE MEASUREMENTS

TEST RESULT

TestMode	Antenna	ChName	Frequency[MHz]	Ru Size	Ru Index	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11AX20MIMO	Ant1	Low	2412	26Tone	RU0	7.05	-26.68	≤-12.95	PASS
				52Tone	RU37	5.66	-27.27	≤-14.34	PASS
				106Tone	RU53	4.92	-26.93	≤-15.08	PASS
				242Tone	RU61	5.14	-32.15	≤-14.87	PASS
	Ant2	Low	2412	26Tone	RU0	7.98	-26.14	≤-12.02	PASS
				52Tone	RU37	5.51	-26.57	≤-14.49	PASS
				106Tone	RU53	4.57	-27.51	≤-15.43	PASS
				242Tone	RU61	5.34	-33.17	≤-14.66	PASS
	Ant1	High	2462	26Tone	RU8	8.49	-33.74	≤-11.51	PASS
				52Tone	RU40	6.47	-34.44	≤-13.53	PASS
				106Tone	RU54	4.07	-34.41	≤-15.93	PASS
				242Tone	RU61	4.29	-34.36	≤-15.71	PASS
	Ant2	High	2462	26Tone	RU8	9.41	-33.51	≤-10.59	PASS
				52Tone	RU40	6.13	-33.35	≤-13.87	PASS
				106Tone	RU54	5.05	-32.71	≤-14.95	PASS
				242Tone	RU61	5.28	-34.28	≤-14.72	PASS
11AX40MIMO	Ant1	Low	2422	484Tone	RU65	1.87	-34.57	≤-18.13	PASS
	Ant2	Low	2422	484Tone	RU65	2.18	-34.39	≤-17.82	PASS
	Ant1	High	2452	484Tone	RU65	1.51	-34.25	≤-18.49	PASS
	Ant2	High	2452	484Tone	RU65	1.88	-34.45	≤-18.12	PASS



BUREAU VERITAS

Test Report No.: W7L-P24040006RF02

TEST GRAPHS

11AX20MIMO_Ant1_Low_2412_26Tone_RU0



11AX20MIMO_Ant1_Low_2412_52Tone_RU37



11AX20MIMO_Ant1_Low_2412_106Tone_RU53

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

Room B37, Warehouse A5, No.3 Chiwan 4th Road, Zhaoshang Street, Nanshan District Shenzhen, Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU VERITAS

Test Report No.: W7L-P24040006RF02



11AX20MIMO_Ant1_Low_2412_242Tone_RU61



11AX20MIMO_Ant2_Low_2412_26Tone_RU0

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

Room B37, Warehouse A5, No.3 Chiwan 4th Road, Zhaoshang Street, Nanshan District Shenzhen, Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



**BUREAU
VERITAS**

Test Report No.: W7L-P24040006RF02



11AX20MIMO_Ant2_Low_2412_52Tone_RU37



11AX20MIMO_Ant2_Low_2412_106Tone_RU53

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

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



**BUREAU
VERITAS**

Test Report No.: W7L-P24040006RF02



11AX20MIMO_Ant2_Low_2412_242Tone_RU61



11AX20MIMO_Ant1_High_2462_26Tone_RU8

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

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



**BUREAU
VERITAS**

Test Report No.: W7L-P24040006RF02



11AX20MIMO_Ant1_High_2462_52Tone_RU40



11AX20MIMO_Ant1_High_2462_106Tone_RU54

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

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU VERITAS

Test Report No.: W7L-P24040006RF02



11AX20MIMO_Ant1_High_2462_242Tone_RU61



11AX20MIMO_Ant2_High_2462_26Tone_RU8

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

Room B37, Warehouse A5, No.3 Chiwan 4th Road, Zhaoshang Street, Nanshan District Shenzhen, Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU VERITAS

Test Report No.: W7L-P24040006RF02



11AX20MIMO_Ant2_High_2462_52Tone_RU40



11AX20MIMO_Ant2_High_2462_106Tone_RU54

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

Room B37, Warehouse A5, No.3 Chiwan 4th Road, Zhaoshang Street, Nanshan District Shenzhen, Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU VERITAS

Test Report No.: W7L-P24040006RF02



11AX20MIMO_Ant2_High_2462_242Tone_RU61



11AX40MIMO_Ant1_Low_2422_484Tone_RU65

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

Room B37, Warehouse A5, No.3 Chiwan 4th Road, Zhaoshang Street, Nanshan District Shenzhen, Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



**BUREAU
VERITAS**

Test Report No.: W7L-P24040006RF02



11AX40MIMO_Ant2_Low_2422_484Tone_RU65



11AX40MIMO_Ant1_High_2452_484Tone_RU65

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

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



**BUREAU
VERITAS**

Test Report No.: W7L-P24040006RF02



11AX40MIMO_Ant2_High_2452_484Tone_RU65





CONDUCTED SPURIOUS EMISSION

TEST RESULT

Test Mode	Ant.	Frequency [MHz]	Ru Size	Ru Index	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11AX20MI MO	Ant1	2412	26Tone	RU0	Reference	5.13	5.13	---	PASS
				RU0	30~1000	5.13	-44.38	≤-14.87	PASS
				RU0	1000~26500	5.13	-25.54	≤-14.87	PASS
			52Tone	RU37	Reference	5.62	5.62	---	PASS
				RU37	30~1000	5.62	-43.60	≤-14.38	PASS
				RU37	1000~26500	5.62	-24.88	≤-14.38	PASS
			106Tone	RU53	Reference	3.37	3.37	---	PASS
				RU53	30~1000	3.37	-43.49	≤-16.63	PASS
				RU53	1000~26500	3.37	-24.64	≤-16.63	PASS
			242Tone	RU61	Reference	1.41	1.41	---	PASS
				RU61	30~1000	1.41	-44.25	≤-18.59	PASS
				RU61	1000~26500	1.41	-25.37	≤-18.59	PASS
	Ant2	2412	26Tone	RU0	Reference	6.37	6.37	---	PASS
				RU0	30~1000	6.37	-44.18	≤-13.63	PASS
				RU0	1000~26500	6.37	-24.45	≤-13.63	PASS
			52Tone	RU37	Reference	4.97	4.97	---	PASS
				RU37	30~1000	4.97	-43.78	≤-15.03	PASS
				RU37	1000~26500	4.97	-24.15	≤-15.03	PASS
			106Tone	RU53	Reference	3.72	3.72	---	PASS
				RU53	30~1000	3.72	-44.37	≤-16.28	PASS
				RU53	1000~26500	3.72	-24.91	≤-16.28	PASS
			242Tone	RU61	Reference	2.13	2.13	---	PASS
				RU61	30~1000	2.13	-44.28	≤-17.87	PASS
				RU61	1000~26500	2.13	-24.61	≤-17.87	PASS
	Ant1	2437	26Tone	RU4	Reference	8.11	8.11	---	PASS
				RU4	30~1000	8.11	-44.70	≤-11.89	PASS
				RU4	1000~26500	8.11	-25.19	≤-11.89	PASS
52Tone			RU38	Reference	4.65	4.65	---	PASS	



**BUREAU
VERITAS**

Test Report No.: W7L-P24040006RF02

	Ant2	2437	106Tone	RU38	30~1000	4.65	-43.88	≤-15.35	PASS
				RU38	1000~26500	4.65	-25.36	≤-15.35	PASS
				RU53	Reference	2.73	2.73	---	PASS
			242Tone	RU53	30~1000	2.73	-44.37	≤-17.27	PASS
				RU53	1000~26500	2.73	-24.41	≤-17.27	PASS
				RU61	Reference	2.94	2.94	---	PASS
			26Tone	RU61	30~1000	2.94	-44.07	≤-17.06	PASS
				RU61	1000~26500	2.94	-25.27	≤-17.06	PASS
				RU4	Reference	8.86	8.86	---	PASS
	Ant1	2462	26Tone	RU4	30~1000	8.86	-44.11	≤-11.14	PASS
				RU4	1000~26500	8.86	-25.59	≤-11.14	PASS
				RU38	Reference	7.04	7.04	---	PASS
			52Tone	RU38	30~1000	7.04	-43.83	≤-12.96	PASS
				RU38	1000~26500	7.04	-25.18	≤-12.96	PASS
				RU53	Reference	4.18	4.18	---	PASS
			106Tone	RU53	30~1000	4.18	-43.67	≤-15.82	PASS
				RU53	1000~26500	4.18	-24.17	≤-15.82	PASS
				RU61	Reference	1.32	1.32	---	PASS
	242Tone	RU61	30~1000	1.32	-44.41	≤-18.68	PASS		
		RU61	1000~26500	1.32	-24.89	≤-18.68	PASS		
		RU8	Reference	6.12	6.12	---	PASS		
	Ant1	2462	26Tone	RU8	30~1000	6.12	-44.53	≤-13.88	PASS
				RU8	1000~26500	6.12	-24.95	≤-13.88	PASS
				RU40	Reference	5.17	5.17	---	PASS
			52Tone	RU40	30~1000	5.17	-44.40	≤-14.83	PASS
				RU40	1000~26500	5.17	-25.60	≤-14.83	PASS
				RU54	Reference	3.46	3.46	---	PASS
			106Tone	RU54	30~1000	3.46	-44.23	≤-16.54	PASS
				RU54	1000~26500	3.46	-24.90	≤-16.54	PASS
				RU61	Reference	2.00	2.00	---	PASS
242Tone	RU61	30~1000	2.00	-43.74	≤-18	PASS			
	RU61	1000~26500	2.00	-24.08	≤-18	PASS			
	RU8	Reference	8.65	8.65	---	PASS			
Ant2	2462	26Tone	RU8	30~1000	8.65	-43.78	≤-11.35	PASS	
			RU8	1000~26500	8.65	-23.98	≤-11.35	PASS	



**BUREAU
VERITAS**

Test Report No.: W7L-P24040006RF02

	52Tone		RU40	Reference	4.89	4.89	---	PASS	
			RU40	30~1000	4.89	-44.40	≤-15.11	PASS	
			RU40	1000~26500	4.89	-24.95	≤-15.11	PASS	
	106Tone		RU54	Reference	4.35	4.35	---	PASS	
			RU54	30~1000	4.35	-43.33	≤-15.65	PASS	
			RU54	1000~26500	4.35	-24.75	≤-15.65	PASS	
	242Tone		RU61	Reference	1.88	1.88	---	PASS	
			RU61	30~1000	1.88	-44.09	≤-18.12	PASS	
			RU61	1000~26500	1.88	-24.17	≤-18.12	PASS	
11AX40MI MO	Ant1	2422	484Tone	RU65	Reference	-0.99	-0.99	---	PASS
				RU65	30~1000	-0.99	-44.39	≤-20.99	PASS
				RU65	1000~26500	-0.99	-25.07	≤-20.99	PASS
	Ant2	2422	484Tone	RU65	Reference	-0.50	-0.50	---	PASS
				RU65	30~1000	-0.50	-44.25	≤-20.5	PASS
				RU65	1000~26500	-0.50	-24.94	≤-20.5	PASS
	Ant1	2437	484Tone	RU65	Reference	1.18	1.18	---	PASS
				RU65	30~1000	1.18	-44.70	≤-18.82	PASS
				RU65	1000~26500	1.18	-24.48	≤-18.82	PASS
	Ant2	2437	484Tone	RU65	Reference	-0.91	-0.91	---	PASS
				RU65	30~1000	-0.91	-44.62	≤-20.91	PASS
				RU65	1000~26500	-0.91	-25.19	≤-20.91	PASS
	Ant1	2452	484Tone	RU65	Reference	-1.06	-1.06	---	PASS
				RU65	30~1000	-1.06	-44.21	≤-21.06	PASS
				RU65	1000~26500	-1.06	-25.30	≤-21.06	PASS
	Ant2	2452	484Tone	RU65	Reference	-0.85	-0.85	---	PASS
				RU65	30~1000	-0.85	-44.24	≤-20.85	PASS
				RU65	1000~26500	-0.85	-25.15	≤-20.85	PASS



BUREAU VERITAS

Test Report No.: W7L-P24040006RF02

TEST GRAPHS

