

Test Mode: 802.11g



Mode:802.11g Frequency:2412MHz Ant:Chain0



Mode:802.11g Frequency:2462MHz Ant:Chain0

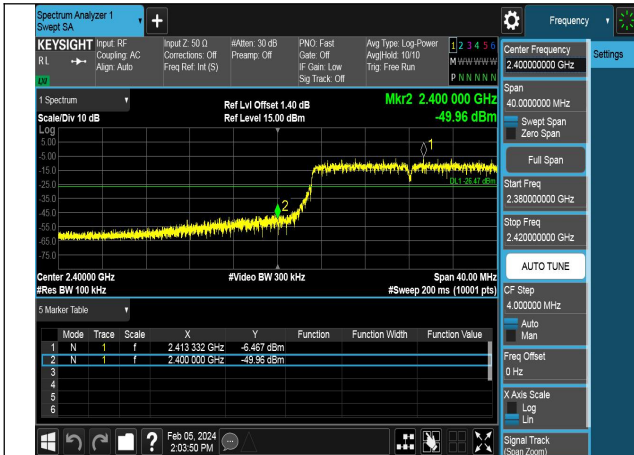


Mode:802.11g Frequency:2412MHz Ant:Chain1



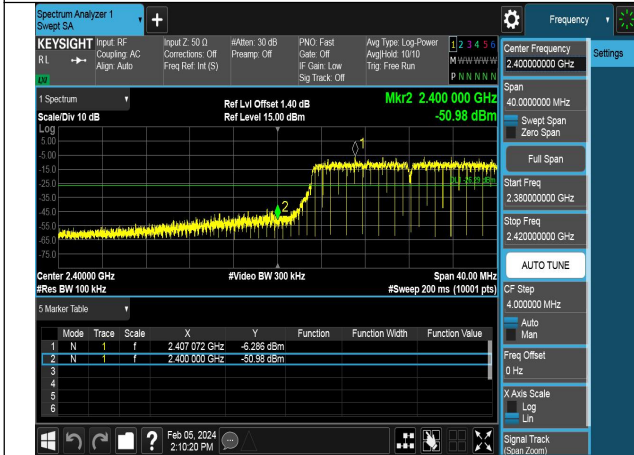
Mode:802.11g Frequency:2462MHz Ant:Chain1

Test Mode: 802.11n HT20



Mode:802.11n HT20 Frequency:2412MHz Ant:Chain0

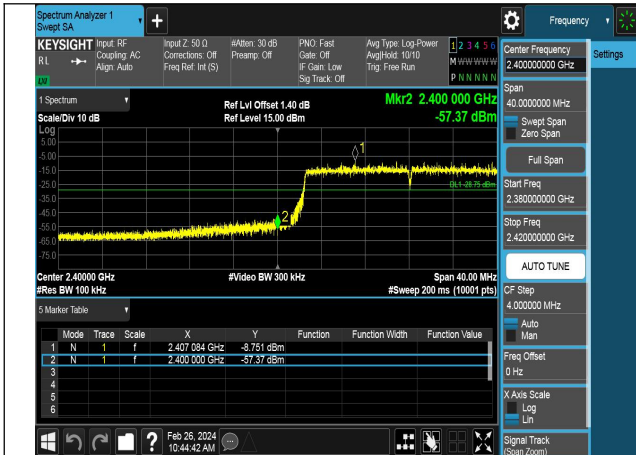
Mode:802.11n HT20 Frequency:2462MHz Ant:Chain0



Mode:802.11n HT20 Frequency:2412MHz Ant:Chain1

Mode:802.11n HT20 Frequency:2462MHz Ant:Chain1

Test Mode: 802.11ax HE20



Mode:802.11ax HE20 Frequency:2412MHz Ant:Chain0

Mode:802.11ax HE20 Frequency:2462MHz Ant:Chain0



Mode:802.11ax HE20 Frequency:2412MHz Ant:Chain1

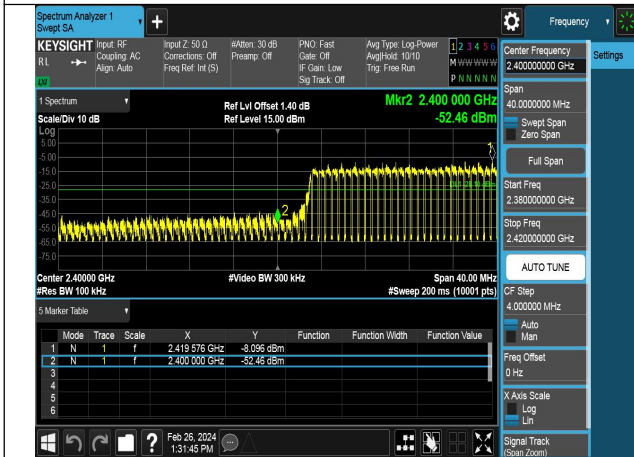
Mode:802.11ax HE20 Frequency:2462MHz Ant:Chain1

Test Mode: 802.11ax HE40



Mode:802.11ax HE40 Frequency:2422MHz Ant:Chain0

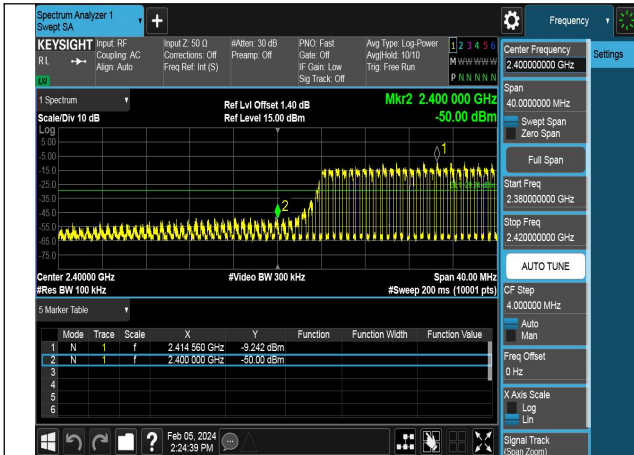
Mode:802.11ax HE40 Frequency:2452MHz Ant:Chain0



Mode:802.11ax HE40 Frequency:2422MHz Ant:Chain1

Mode:802.11ax HE40 Frequency:2452MHz Ant:Chain1

Test Mode: 802.11n HT40



Mode:802.11n HT40 Frequency:2422MHz Ant:Chain0

Mode:802.11n HT40 Frequency:2452MHz Ant:Chain0



Mode:802.11n HT40 Frequency:2422MHz Ant:Chain1

Mode:802.11n HT40 Frequency:2452MHz Ant:Chain1

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Duty Cycle

Modulation Type	Frequency (MHz)	Antenna	Plot	Duty Cycle	Correction Factor(dB)
802.11b	2412	Chain0	Fig.1	99.45%	0
802.11b	2412	Chain1	Fig.2	99.59%	0
802.11g	2412	Chain0	Fig.3	98.58%	0
802.11g	2412	Chain1	Fig.4	98.52%	0
802.11n HT20	2412	Chain0	Fig.5	98.45%	0
802.11n HT20	2412	Chain1	Fig.6	98.39%	0
802.11n HT40	2422	Chain0	Fig.7	98.15%	0
802.11n HT40	2422	Chain1	Fig.8	98.16%	0

Note: Correction Factor=10*log (1/Duty Cycle)



Fig.1

Fig.2

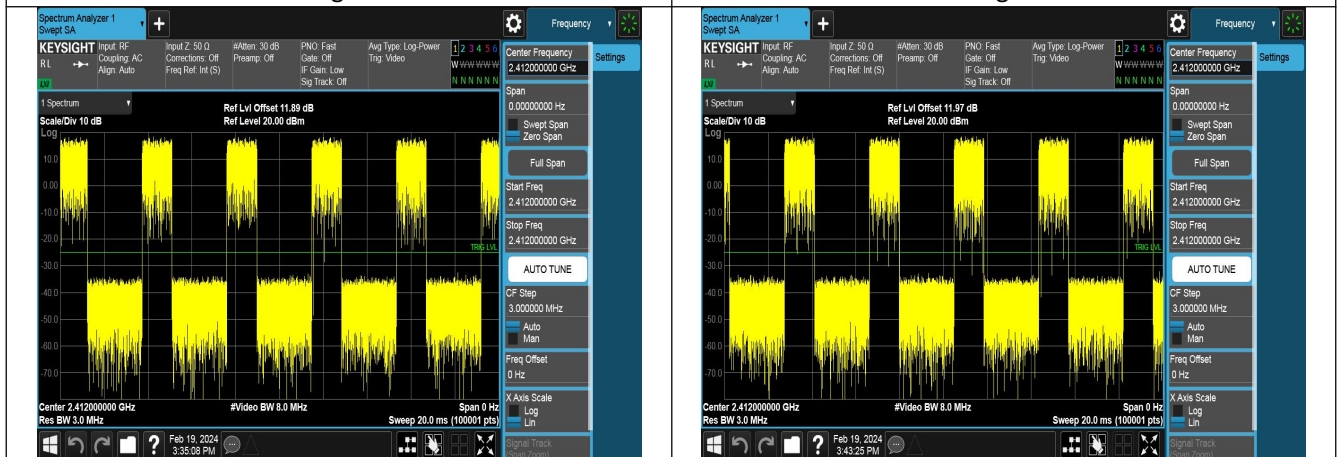


Fig.3

Fig.4

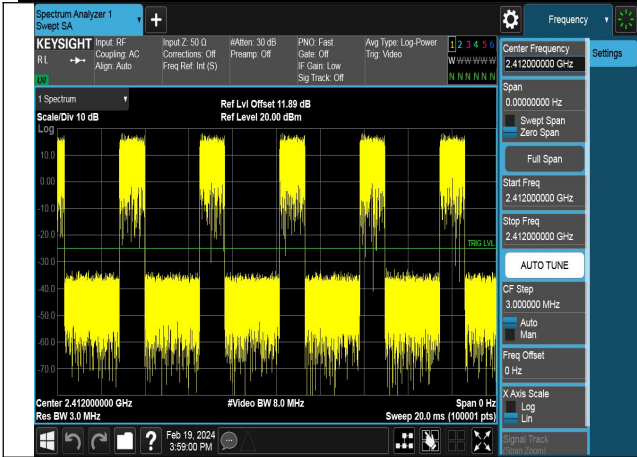


Fig.5

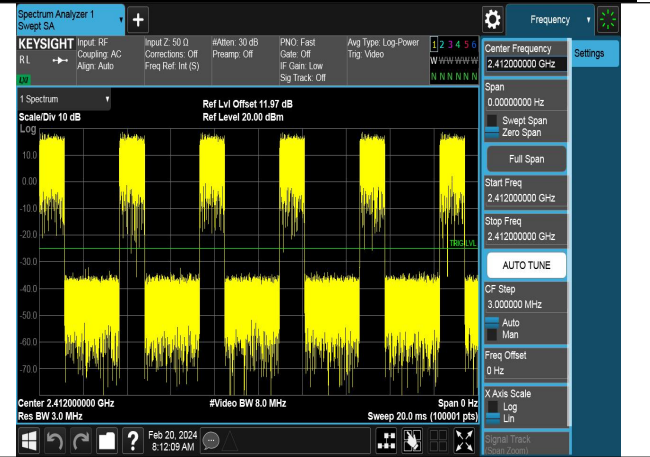


Fig.6

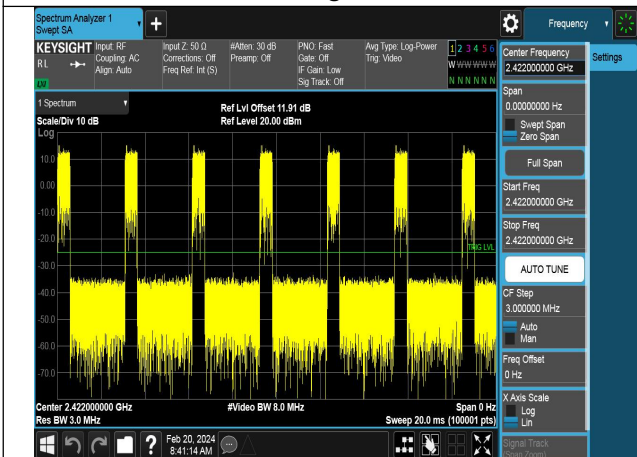


Fig.7

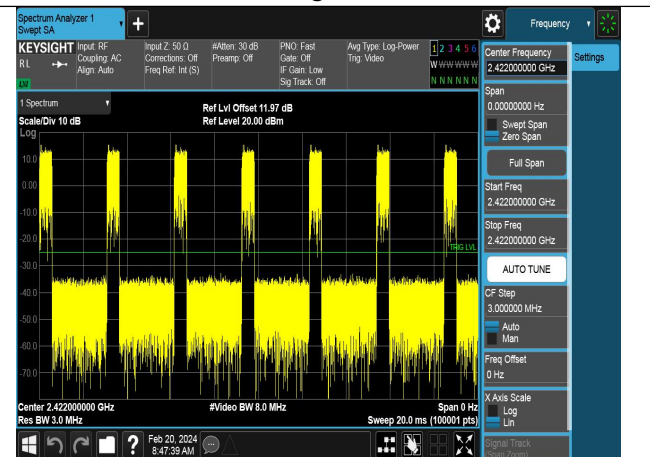


Fig.8

Conducted power

Test Mode	Tones/ RU Index	Frequency (MHz)	Antenna	Peak power output (dBm)	Average power output (dBm)
802.11b	NA	2412	Chain0	18.19	14.10
802.11b	NA	2412	Chain1	19.43	15.23
802.11b	NA	2437	Chain0	19.81	15.56
802.11b	NA	2437	Chain1	20.41	16.19
802.11b	NA	2462	Chain0	18.64	14.50
802.11b	NA	2462	Chain1	19.48	15.36
802.11g	NA	2412	Chain0	23.14	12.26
802.11g	NA	2412	Chain1	23.62	12.30
802.11g	NA	2437	Chain0	23.14	11.90
802.11g	NA	2437	Chain1	-27.74	12.84
802.11g	NA	2462	Chain0	22.65	11.93
802.11g	NA	2462	Chain1	-27.73	12.63
802.11n HT20	NA	2412	Chain0	23.11	11.50
802.11n HT20	NA	2412	Chain1	23.63	11.98
802.11n HT20	NA	2412	MIMO	26.39	14.76
802.11n HT20	NA	2437	Chain0	22.31	11.65
802.11n HT20	NA	2437	Chain1	23.89	12.02
802.11n HT20	NA	2437	MIMO	26.18	14.85
802.11n HT20	NA	2462	Chain0	22.63	11.21
802.11n HT20	NA	2462	Chain1	23.65	12.32
802.11n HT20	NA	2462	MIMO	26.18	14.81
802.11n HT40	NA	2422	Chain0	22.99	8.97
802.11n HT40	NA	2422	Chain1	23.28	9.95
802.11n HT40	NA	2422	MIMO	26.15	12.50
802.11n HT40	NA	2437	Chain0	22.92	9.45
802.11n HT40	NA	2437	Chain1	23.59	10.40
802.11n HT40	NA	2437	MIMO	26.28	12.96
802.11n HT40	NA	2452	Chain0	22.48	8.86
802.11n HT40	NA	2452	Chain1	23.70	10.12
802.11n HT40	NA	2452	MIMO	26.14	12.55

6dB Bandwidth

Test Mode	Antenna	6 dB bandwidth (MHz)		
		Channel No.1	Channel No.6	Channel No.11
		2412MHz	2437MHz	2462MHz
802.11b	Chain0	10.22	11.05	14.13
802.11b	Chain1	10.05	11.06	10.08
802.11g	Chain0	16.50	16.43	16.41
802.11g	Chain1	16.39	16.35	16.41
802.11n HT20	Chain0	17.62	16.39	17.28
802.11n HT20	Chain1	17.72	17.64	17.69

Test Mode	Antenna	6 dB bandwidth (MHz)		
		Channel No.3	Channel No.6	Channel No.9
		2422MHz	2437MHz	2452MHz
802.11n HT40	Chain0	36.51	36.47	36.48
802.11n HT40	Chain1	36.46	36.45	36.42

Test Mode: 802.11b

