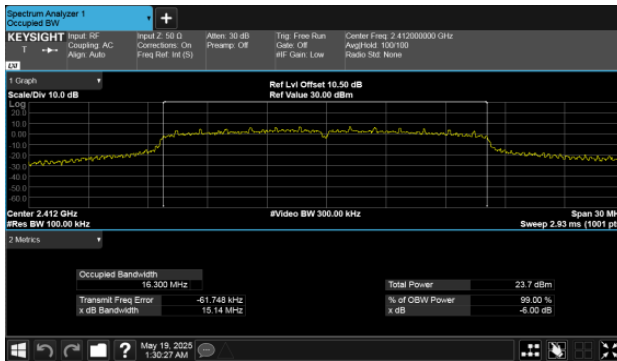
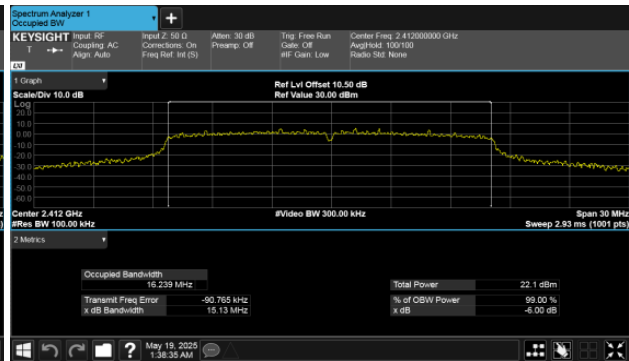




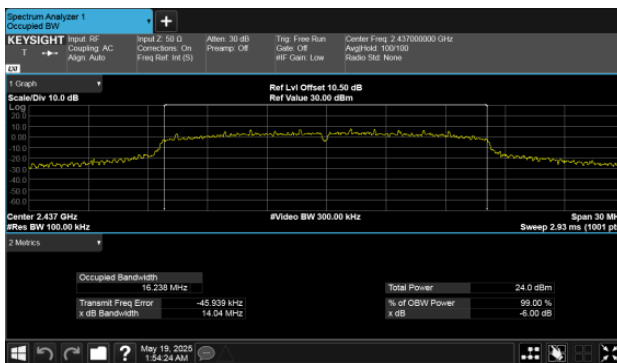
ANT A + C
ANT A
Modulation Type: 802.11g CH01



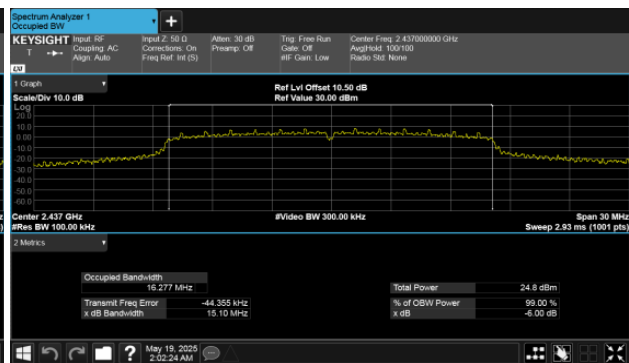
ANT A + C
ANT C
Modulation Type: 802.11g CH01



Modulation Type: 802.11g CH06



Modulation Type: 802.11g CH06



Modulation Type: 802.11g CH11



Modulation Type: 802.11g CH11

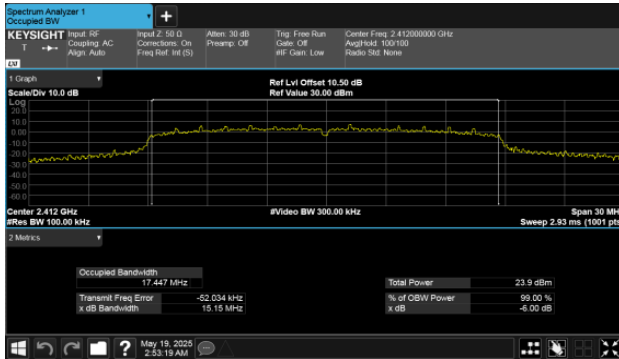




ANT A + C

ANT A

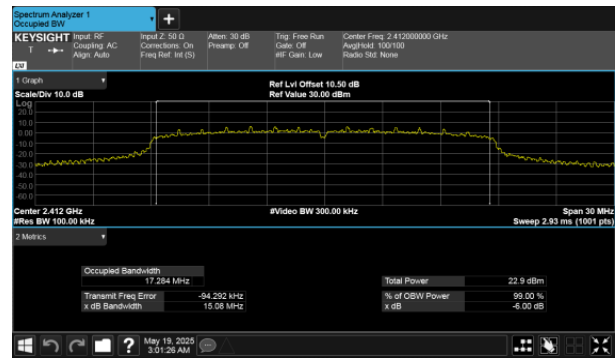
Modulation Type: 802.11n HT20 CH01



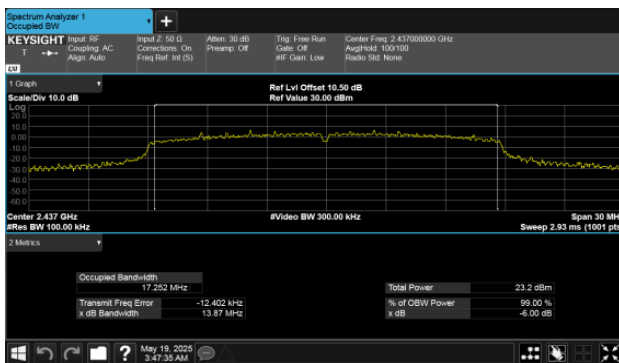
ANT A + C

ANT C

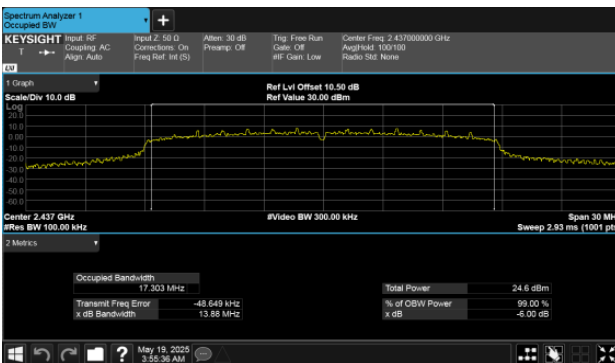
Modulation Type: 802.11n HT20 CH01



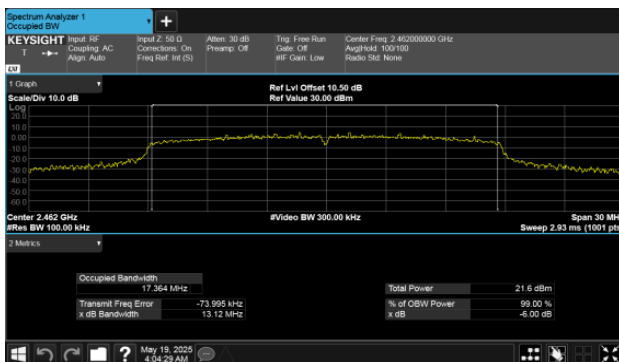
Modulation Type: 802.11n HT20 CH06



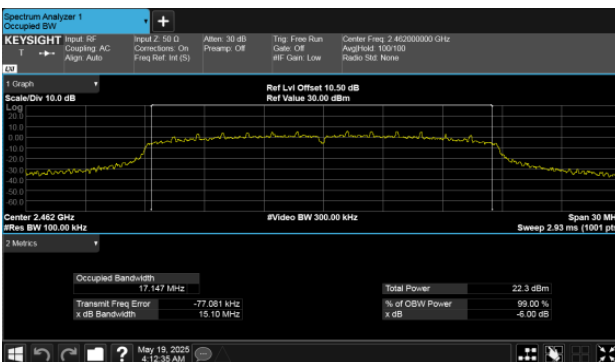
Modulation Type: 802.11n HT20 CH06



Modulation Type: 802.11n HT20 CH11

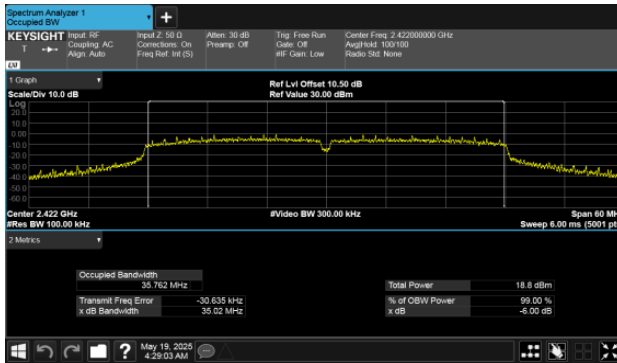


Modulation Type: 802.11n HT20 CH11

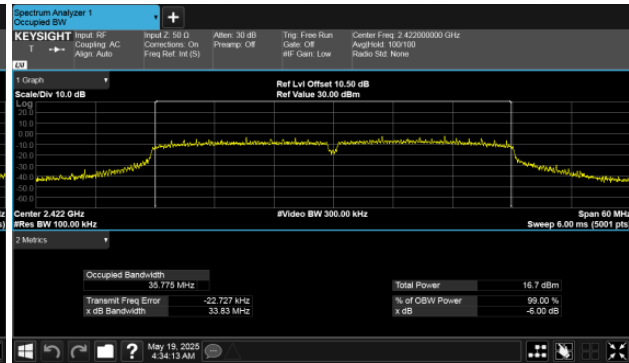




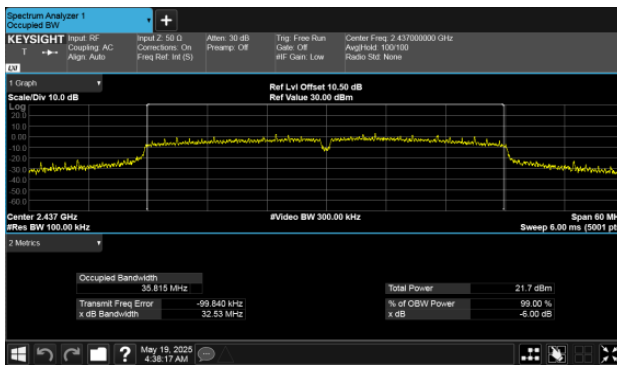
ANT A + C
ANT A
Modulation Type: 802.11n HT40 CH03



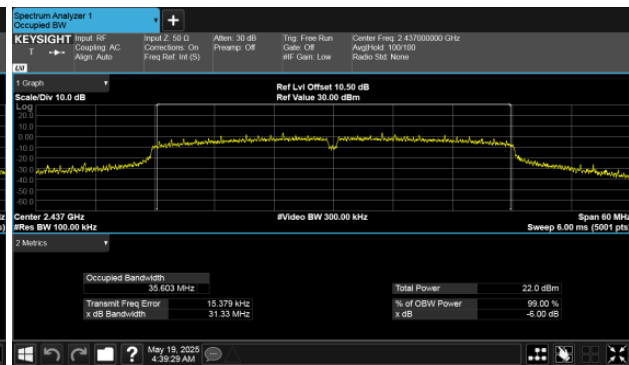
ANT A + C
ANT C
Modulation Type: 802.11n HT40 CH03



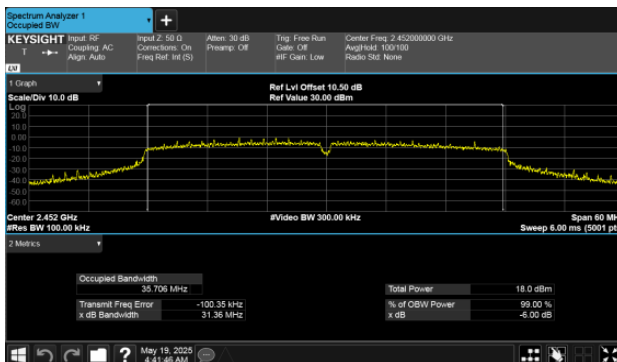
Modulation Type: 802.11n HT40 CH06



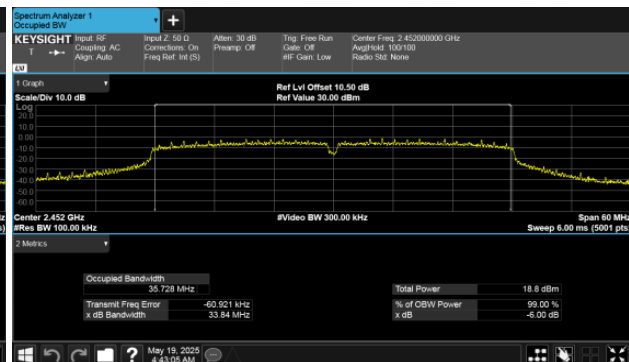
Modulation Type: 802.11n HT40 CH06



Modulation Type: 802.11n HT40 CH09



Modulation Type: 802.11n HT40 CH09





10. Maximum Average Output Power

10.1 Test Limit

The Maximum Average Output Power Measurement is 30dBm.

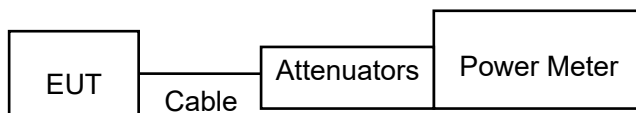
If transmitting antennas of directional gain greater than 6 dBi are used, the average output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi

10.2 Test Procedures

According to the methods defined in ANSI C63.10-2020 Section 11.9.2.3.2

The antenna port (RF output) of the EUT was connected to the input (RF input) of a power meter. Power was read directly from the meter and cable loss connection was added to the reading to obtain power at the EUT antenna terminal. The EUT Output Power was set to maximum to produce the worse case test result.

10.3 Test Setup Layout





10.4 Test Result and Data

ANT A + B

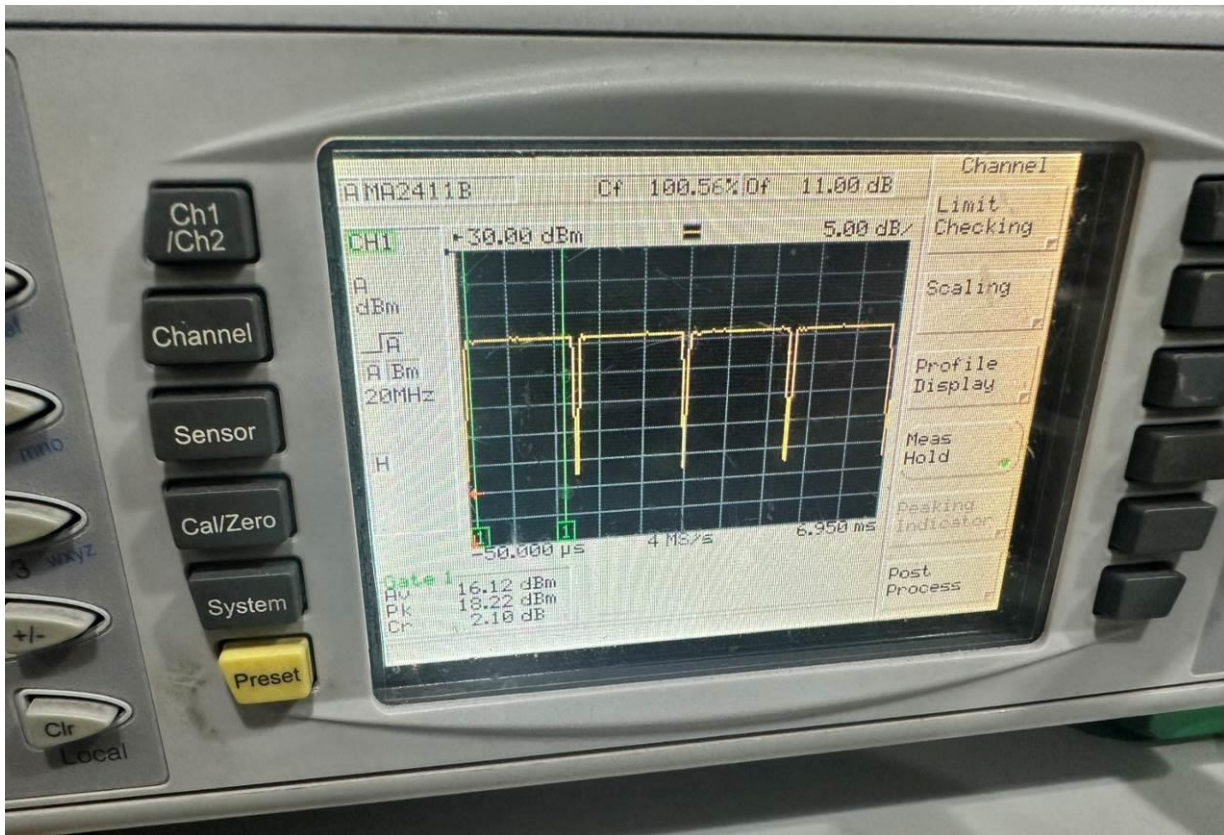
Data Rate	Setting	Modulation Mode	CH	Frequency (MHz)	Conducted (AV) output power (dBm)		Total AV power (dBm)	Total AV power (mW)	Power Limit (dBm)
					ANT A	ANT B			
1	16	11b	1	2412	15.92	15.10	18.54	71.443	30.00
	14.5		6	2437	13.36	13.01	16.20	41.676	30.00
	15.5		11	2462	14.02	13.98	17.01	50.238	30.00
6	17.5	11g	1	2412	17.02	17.19	20.12	102.710	30.00
	18		6	2437	17.46	17.55	20.52	112.604	30.00
	16.5		11	2462	15.45	15.30	18.39	68.960	30.00
MCS0	18	11n HT20	1	2412	17.35	17.35	20.36	108.650	30.00
	18		6	2437	17.23	17.10	20.18	104.131	30.00
	16		11	2462	14.90	14.46	17.70	58.828	30.00
MCS0	13	11n HT40	3	2422	12.47	11.53	15.04	31.884	30.00
	15.5		6	2437	14.71	14.70	17.72	59.092	30.00
	13		9	2452	11.76	11.94	14.86	30.628	30.00

ANT A + C

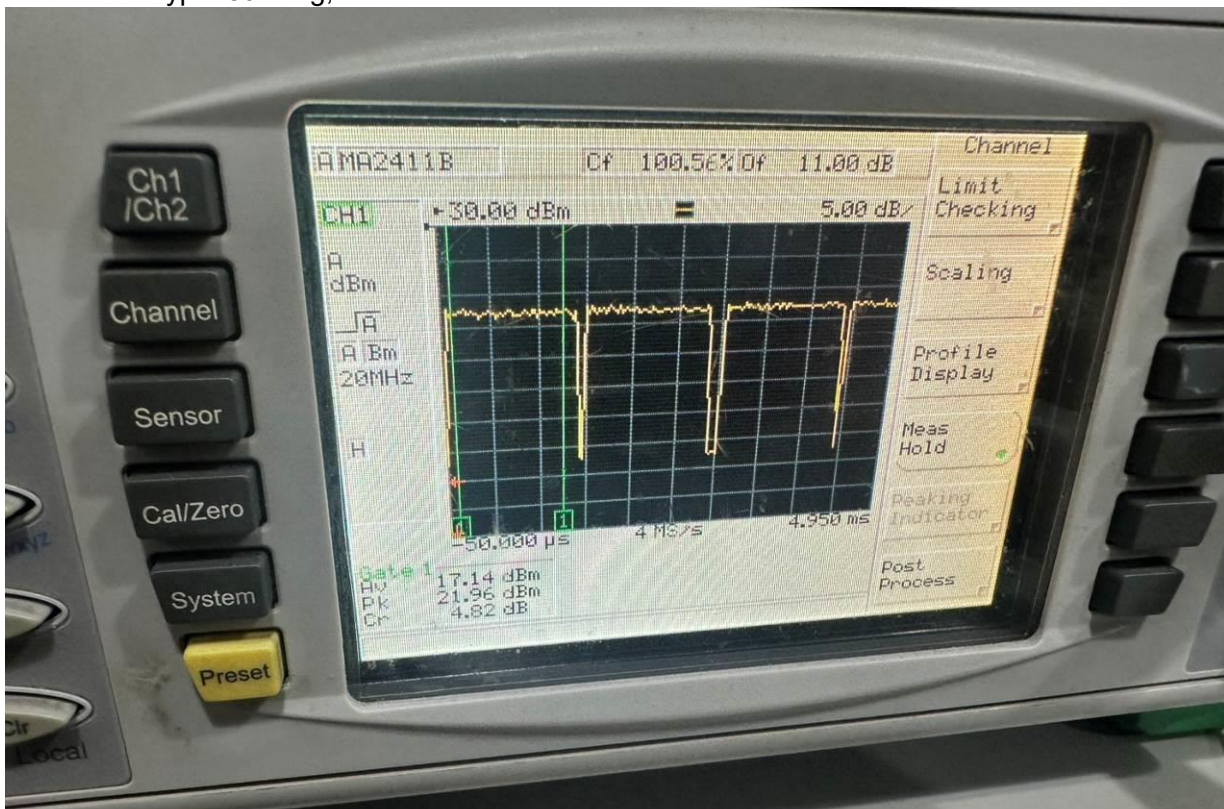
Data Rate	Setting	Modulation Mode	CH	Frequency (MHz)	Conducted (AV) output power (dBm)		Total AV power (dBm)	Total AV power (mW)	Power Limit (dBm)
					ANT A	ANT C			
1	21	11b	1	2412	19.98	19.29	22.66	184.459	30.00
	23		6	2437	21.59	22.61	25.14	326.601	30.00
	21		11	2462	19.20	20.49	22.90	195.120	30.00
6	18	11g	1	2412	17.52	16.78	20.18	104.137	30.00
	22		6	2437	20.51	21.26	23.91	246.120	30.00
	16.5		11	2462	15.47	16.41	18.98	78.989	30.00
MCS0	18.5	11n HT20	1	2412	17.54	16.90	20.24	105.732	30.00
	23		6	2437	21.11	21.72	24.44	277.715	30.00
	16.5		11	2462	15.16	16.35	18.81	75.961	30.00
MCS0	14	11n HT40	3	2422	13.61	13.01	16.33	42.960	30.00
	15.5		6	2437	15.08	14.75	17.93	62.065	30.00
	13.5		9	2452	12.45	12.66	15.57	36.029	30.00



Gate setup plot: ANT A + B
Modulation Type: 802.11b, ANT A



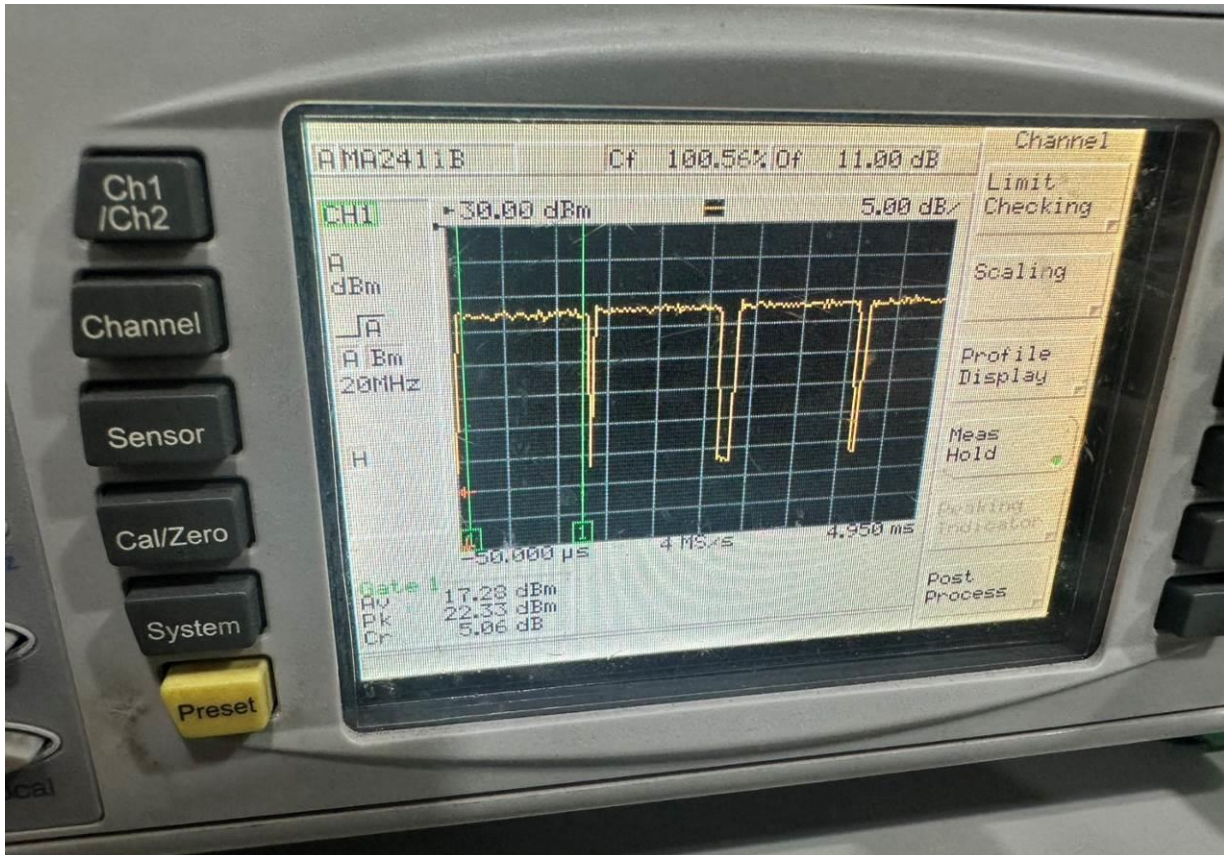
Modulation Type: 802.11g, ANT A



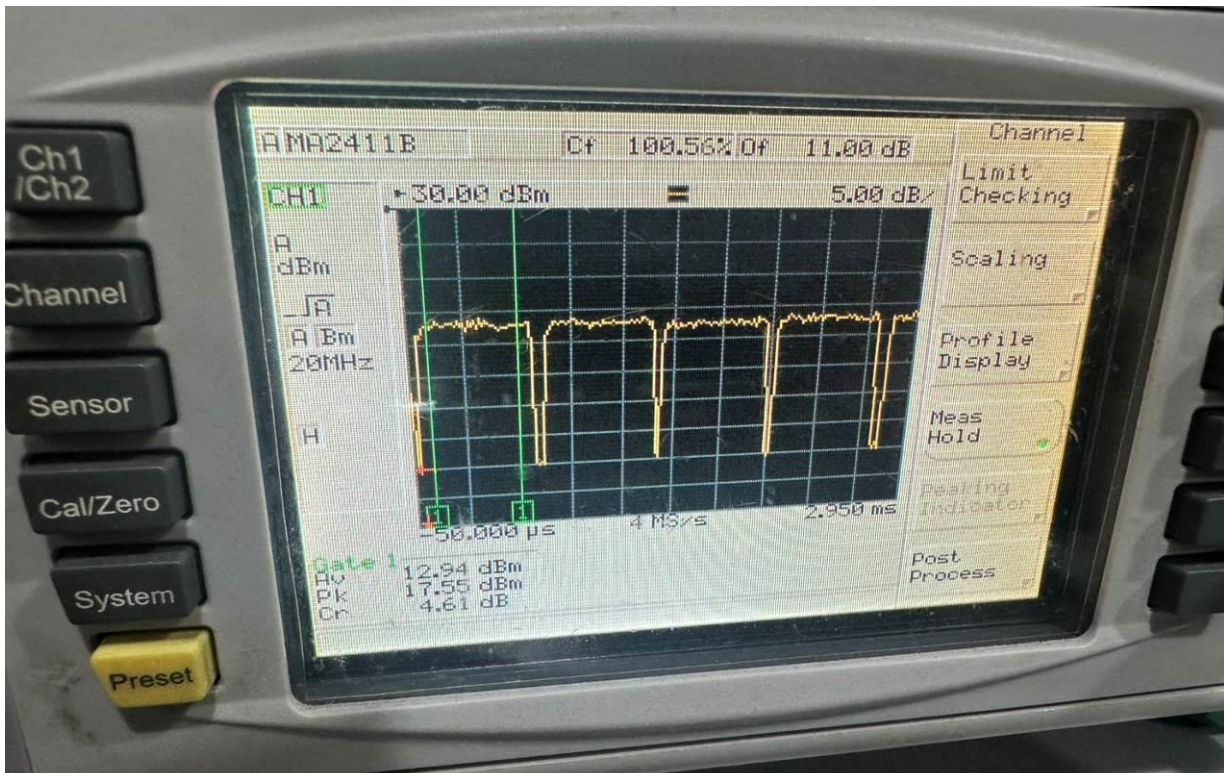


Gate setup plot: ANT A + B

Modulation Type: 802.11n HT20, ANT A

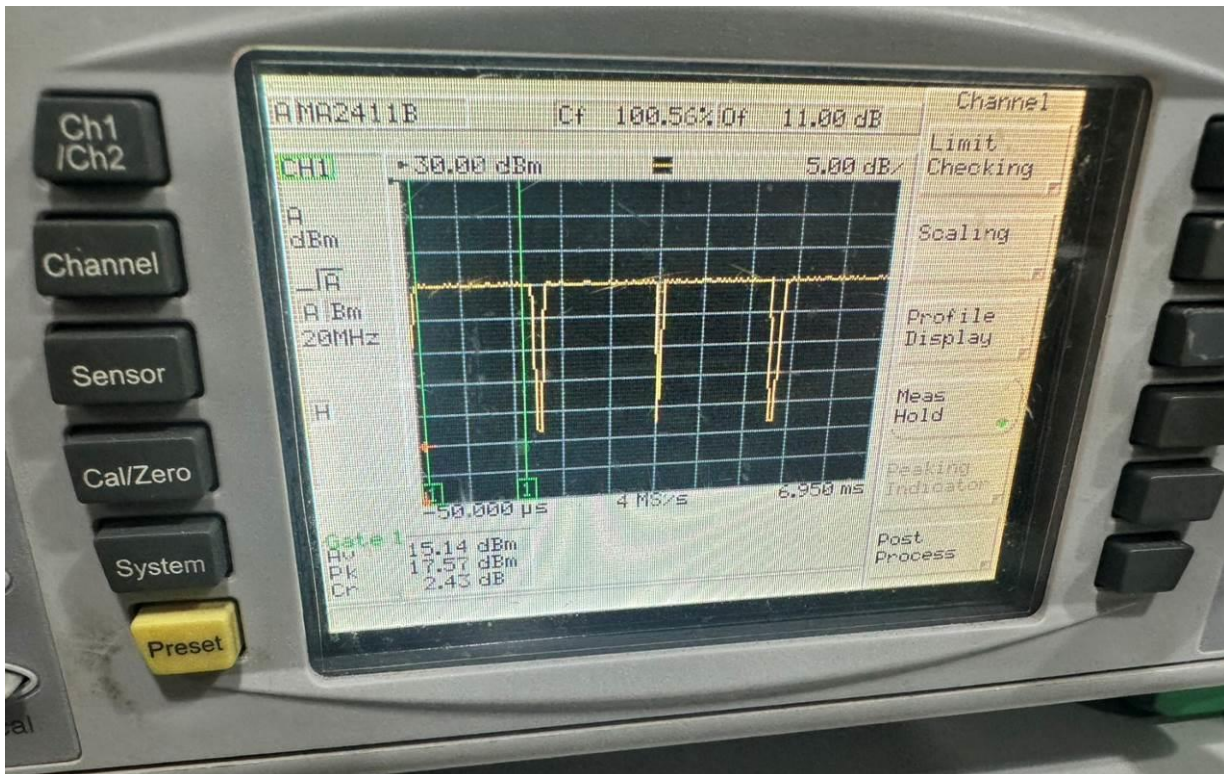


Modulation Type: 802.11n HT40, ANT A

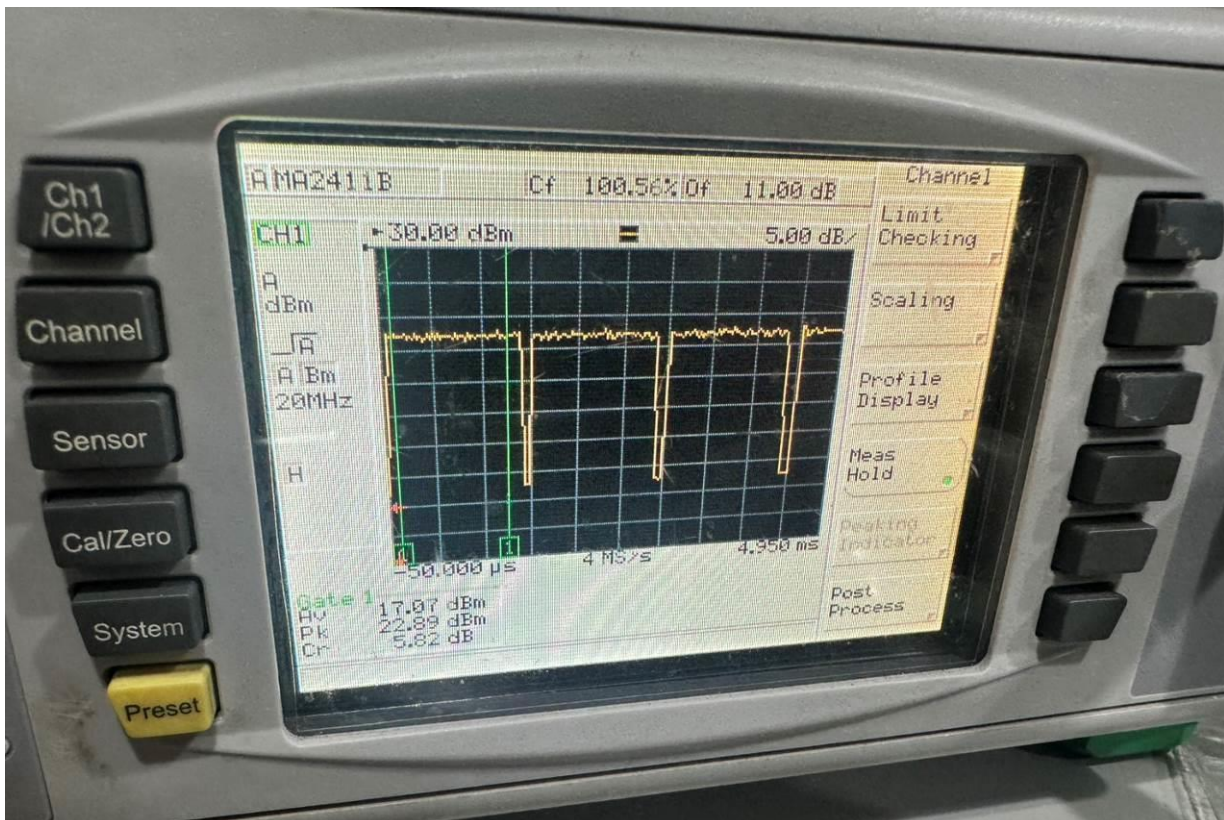




Gate setup plot: ANT A + B
Modulation Type: 802.11b, ANT B



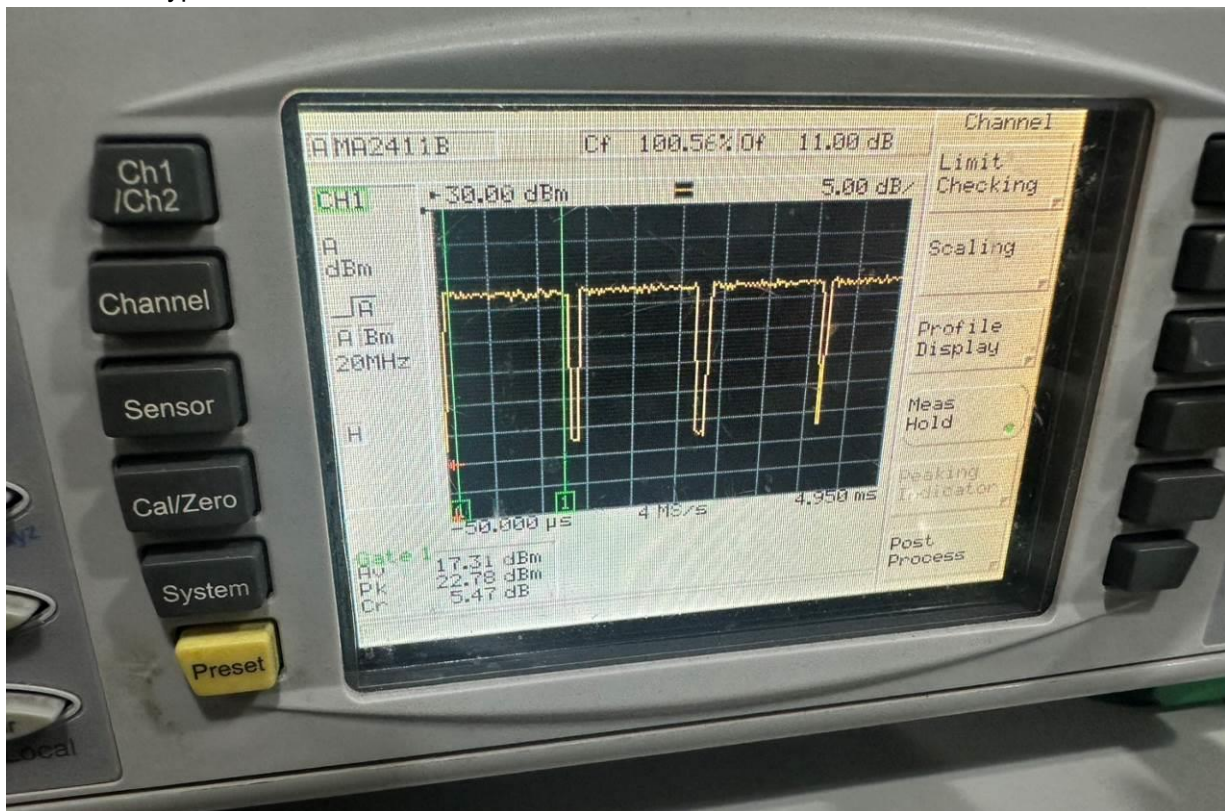
Modulation Type: 802.11g, ANT B



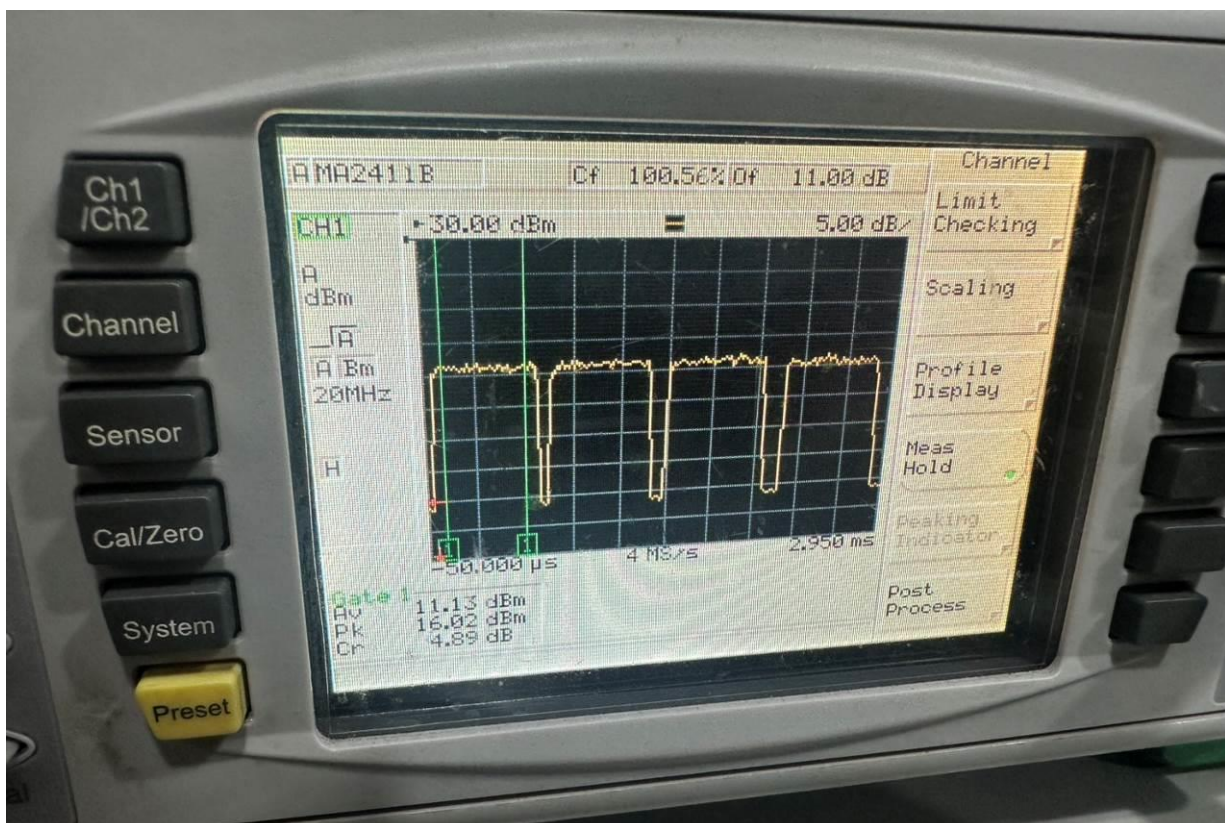


Gate setup plot: ANT A + B

Modulation Type: 802.11n HT20, ANT B

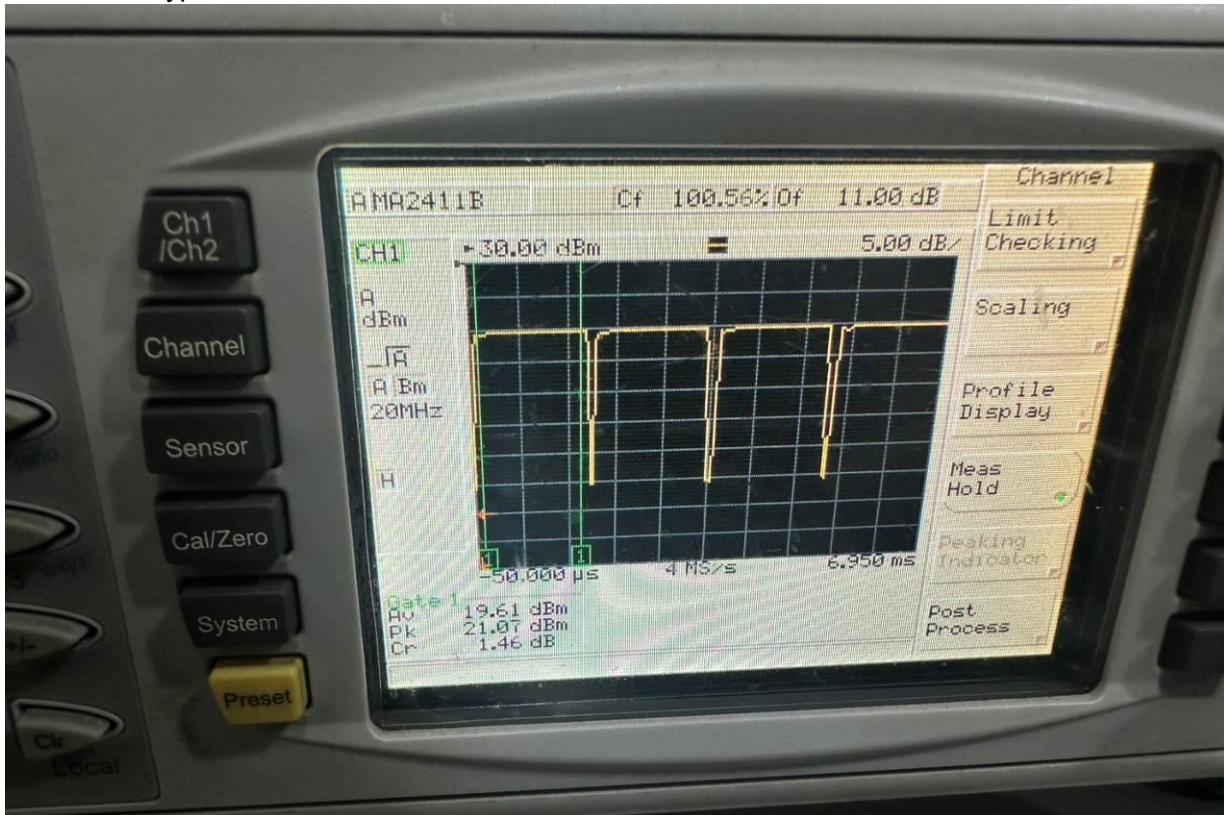


Modulation Type: 802.11n HT40, ANT B





Gate setup plot: ANT A + C
Modulation Type: 802.11b, ANT A



Modulation Type: 802.11g, ANT A

