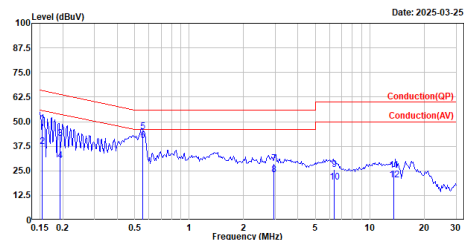


Appendix A. Test Result of AC Power Line Conducted Emission

Site :HY-SR01
Condition :Line
Mode :TX_ax40_2437MHz
test by :Kevin

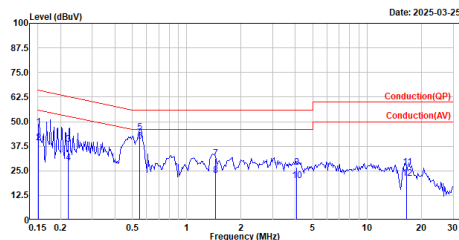


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.154	48.98	65.78	-16.80	39.34	9.64	QP
2	0.154	37.29	55.78	-18.49	27.65	9.64	Average
3	0.194	41.69	63.85	-22.16	32.05	9.64	QP
4	0.194	30.28	53.85	-23.57	20.64	9.64	Average
5	0.552	44.86	56.00	-11.14	35.21	9.65	QP
6	0.552	40.57	46.00	-5.43	30.92	9.65	Average
7	2.956	28.82	56.00	-27.18	19.91	9.91	QP
8	2.956	23.11	46.00	-22.89	13.20	9.91	Average
9	6.335	25.67	60.00	-34.33	15.52	10.15	QP
10	6.335	19.35	50.00	-30.65	9.20	10.15	Average
11	13.560	25.42	60.00	-34.58	15.53	9.89	QP
12	13.560	20.24	50.00	-29.76	10.35	9.89	Average

Note:

1. Level = Read Level + Factor
2. Factor = LISN insertion loss + Cable loss
3. Over Limit = Level - Limit Line

Site :HY-SR01
Condition :Neutral
Mode :TX_ax40_2437MHz
test by :Kevin



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.151	47.14	65.92	-18.78	37.52	9.62	QP
2	0.151	39.06	55.92	-16.86	29.44	9.62	Average
3	0.221	38.31	62.79	-24.48	28.69	9.62	QP
4	0.221	29.19	52.79	-23.60	19.57	9.62	Average
5	0.550	44.40	56.00	-11.60	34.77	9.63	QP
6	0.550	39.92	46.00	-6.08	30.29	9.63	Average
7	1.450	31.30	56.00	-24.70	21.59	9.71	QP
8	1.450	22.74	46.00	-23.26	13.03	9.71	Average
9	4.047	26.80	56.00	-29.20	16.81	9.99	QP
10	4.047	20.17	46.00	-25.83	10.18	9.99	Average
11	16.594	26.66	60.00	-33.34	16.81	9.85	QP
12	16.594	21.08	50.00	-28.92	11.23	9.85	Average

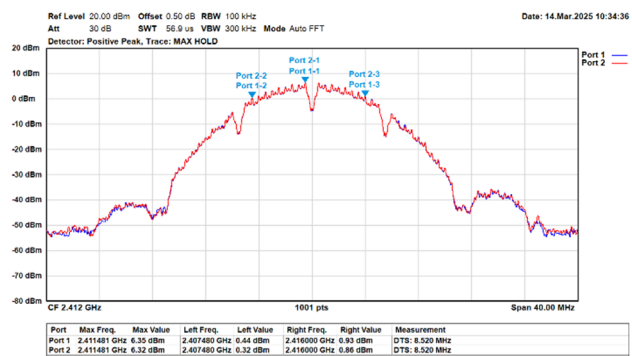
Note:

1. Level = Read Level + Factor
2. Factor = LISN insertion loss + Cable loss
3. Over Limit = Level - Limit Line

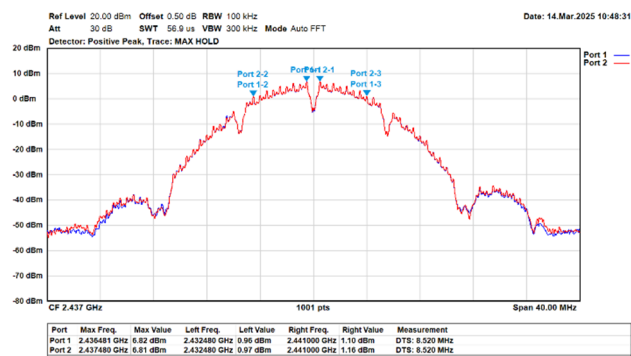
Appendix B. 6 dB Bandwidth

Modulation	Frequency (MHz)	DTS Bandwidth (MHz)		Limit (MHz)	Result
		Ant. 1	Ant. 2		
802.11b (20MHz)	2412	8.52	8.52	0.50	Pass
	2437	8.52	8.52	0.50	Pass
	2462	8.08	8.08	0.50	Pass
802.11g (20MHz)	2412	16.04	16.28	0.50	Pass
	2437	15.92	16.28	0.50	Pass
	2462	16.36	16.36	0.50	Pass
802.11ac (20MHz)	2412	17.60	17.60	0.50	Pass
	2437	16.96	16.80	0.50	Pass
	2462	17.56	16.80	0.50	Pass
802.11ac (40MHz)	2422	36.32	35.92	0.50	Pass
	2437	36.32	36.32	0.50	Pass
	2452	35.68	36.40	0.50	Pass
802.11ax (20MHz)	2412	18.84	17.72	0.50	Pass
	2437	18.36	19.00	0.50	Pass
	2462	18.52	19.04	0.50	Pass
802.11ax (40MHz)	2422	36.24	38.00	0.50	Pass
	2437	37.60	37.68	0.50	Pass
	2452	37.36	35.84	0.50	Pass

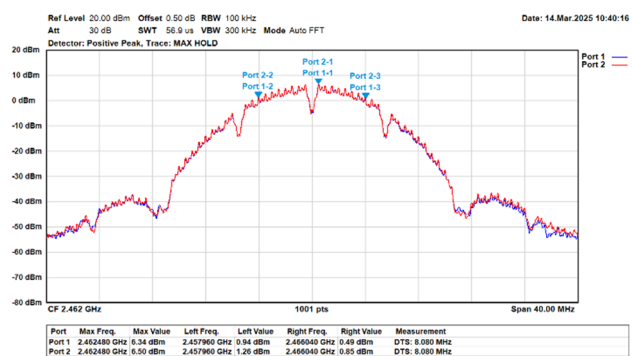
802.11b/20MHz/1M/2412MHz/Ch1



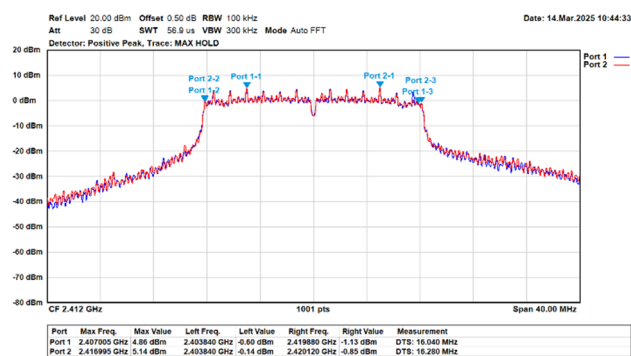
802.11b/20MHz/1M/2437MHz/Ch6



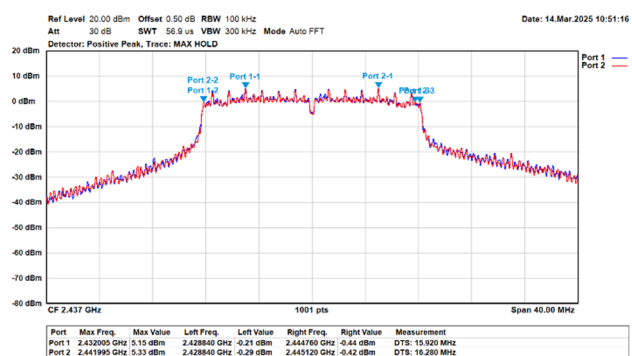
802.11b/20MHz/1M/2462MHz/Ch11



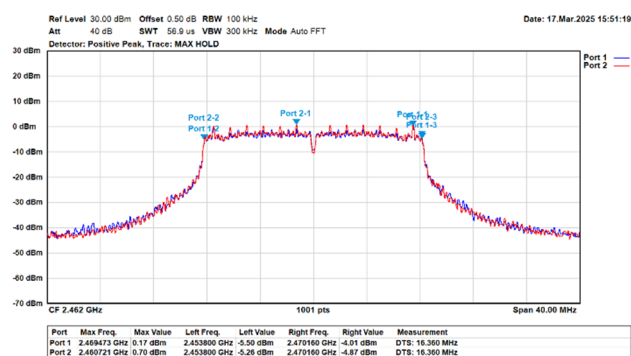
802.11g/20MHz/6M/2412MHz/Ch1



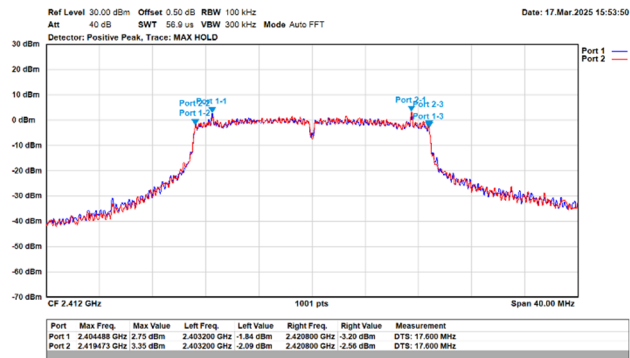
802.11g/20MHz/6M/2437MHz/Ch6



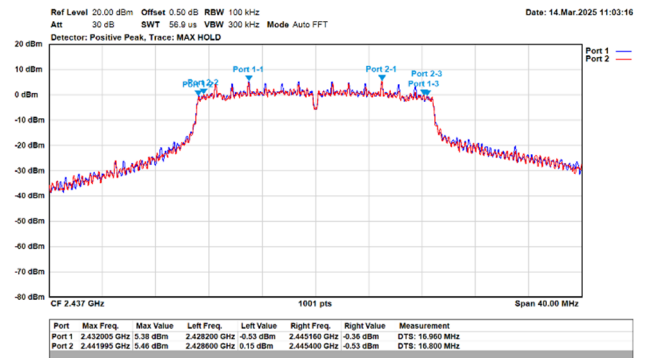
802.11g/20MHz/6M/2462MHz/Ch11



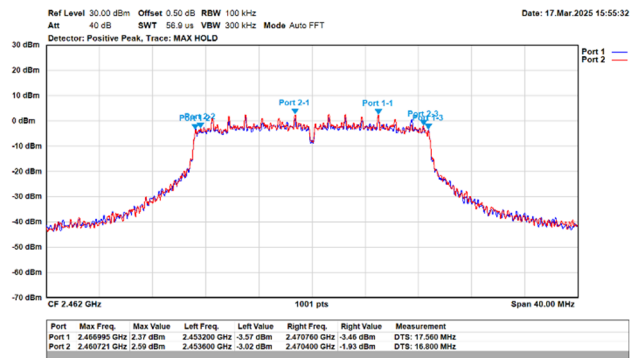
802.11ac/20MHz/MCS0/2412MHz/Ch1



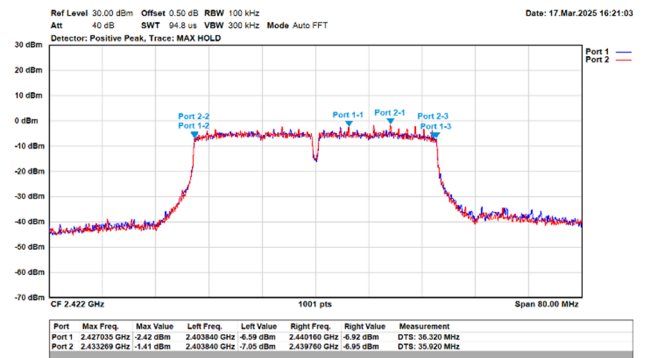
802.11ac/20MHz/MCS0/2437MHz/Ch6



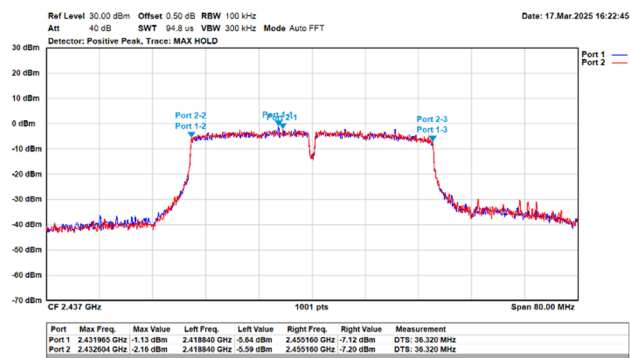
802.11ac/20MHz/MCS0/2462MHz/Ch11



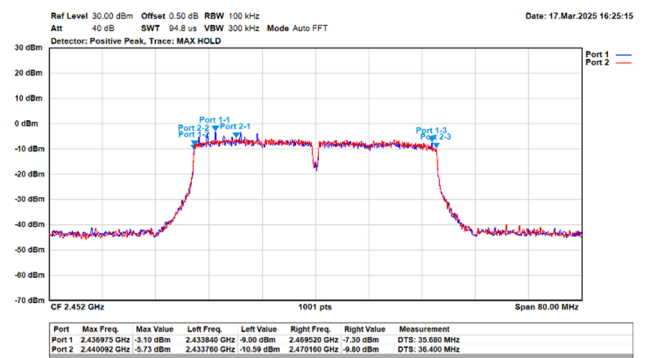
802.11ac/40MHz/MCS0/2422MHz/Ch3



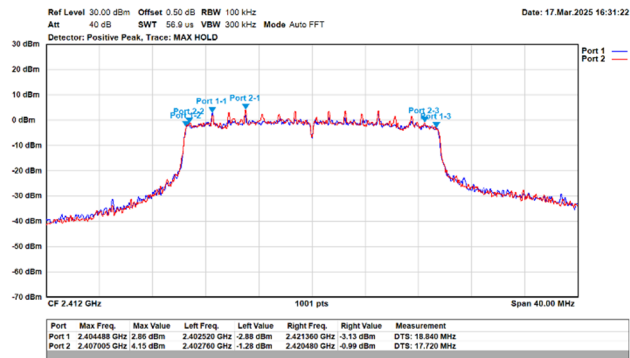
802.11ac/40MHz/MCS0/2437MHz/Ch6



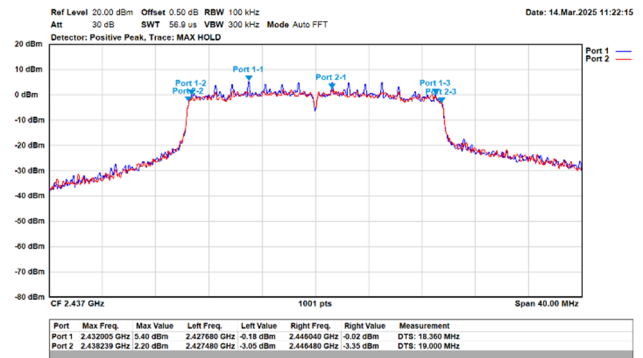
802.11ac/40MHz/MCS0/2452MHz/Ch9



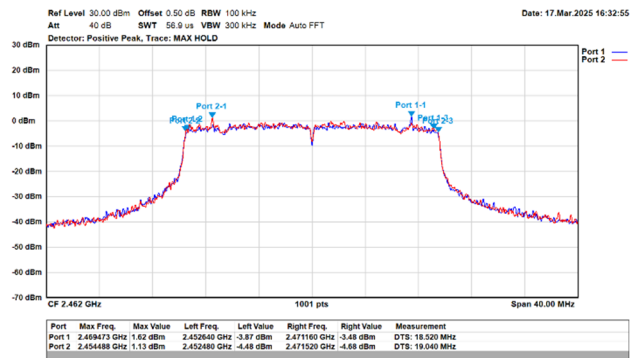
802.11ax/20MHz/MCS0/2412MHz/Ch1



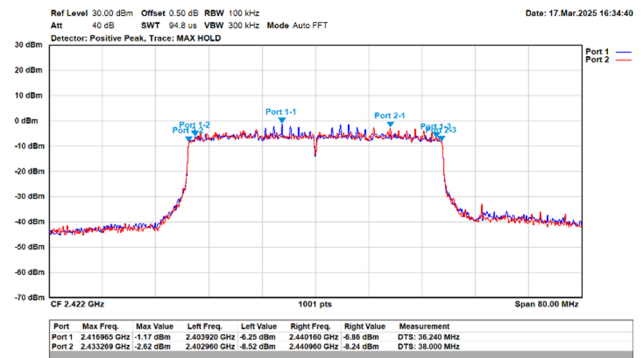
802.11ax/20MHz/MCS0/2437MHz/Ch6



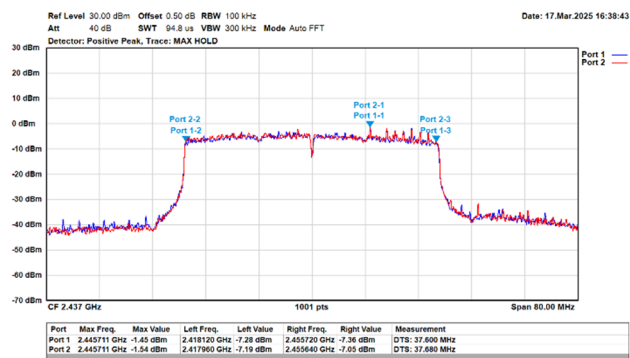
802.11ax/20MHz/MCS0/2462MHz/Ch11



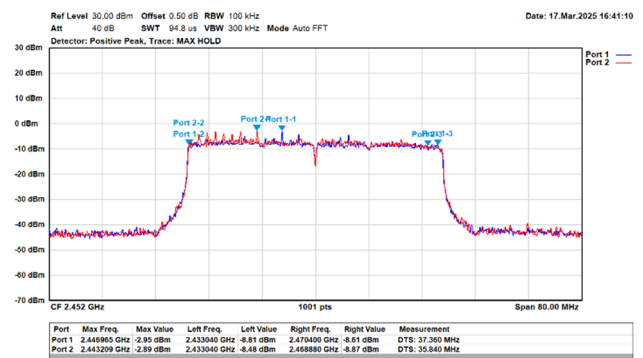
802.11ax/40MHz/MCS0/2422MHz/Ch3



802.11ax/40MHz/MCS0/2437MHz/Ch6



802.11ax/40MHz/MCS0/2452MHz/Ch9



Appendix C. Test Result of Maximum Peak Conducted Output Power

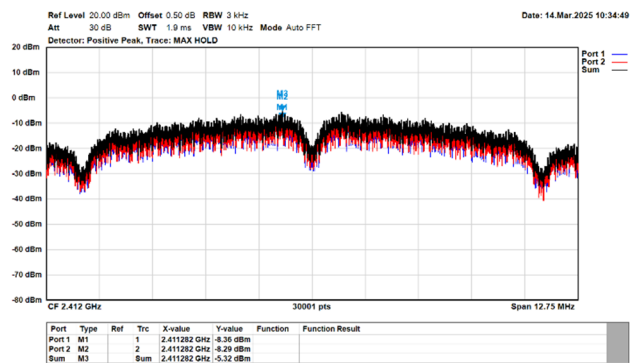
Modulation	Frequency (MHz)	Maximum Conducted Output Power (dBm)			Limit (dBm)	Result
		Ant. 1	Ant. 2	Total		
802.11b (20MHz)	2412	19.01	18.72	21.88	30.00	Pass
	2437	19.01	18.91	21.97	30.00	Pass
	2462	18.93	18.82	21.89	30.00	Pass
802.11g (20MHz)	2412	21.17	21.39	24.29	30.00	Pass
	2437	21.74	21.48	24.62	30.00	Pass
	2462	18.00	18.04	21.03	30.00	Pass
802.11ac (20MHz)	2412	20.77	20.83	23.81	30.00	Pass
	2437	21.80	21.79	24.81	30.00	Pass
	2462	18.95	19.33	22.15	30.00	Pass
802.11ac (40MHz)	2422	18.73	19.15	21.96	30.00	Pass
	2437	19.70	19.86	22.79	30.00	Pass
	2452	16.35	16.86	19.62	30.00	Pass
802.11ax (20MHz)	2412	20.74	21.02	23.89	30.00	Pass
	2437	21.92	22.19	25.07	30.00	Pass
	2462	19.18	19.65	22.43	30.00	Pass
802.11ax (40MHz)	2422	18.87	18.89	21.89	30.00	Pass
	2437	19.16	19.30	22.24	30.00	Pass
	2452	16.89	17.76	20.36	30.00	Pass

Appendix D. Test Result of Power Spectral Density

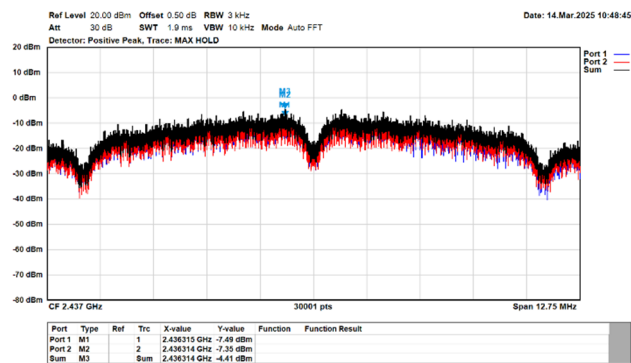
Modulation	Frequency (MHz)	Power Spectral Density (dBm / 3kHz)			Limit (dBm / 3kHz)	Result
		Ant. 1	Ant. 2	Total		
802.11b (20MHz)	2412	-8.36	-8.29	-5.32	7.37	Pass
	2437	-7.49	-7.35	-4.41	7.37	Pass
	2462	-8.44	-8.38	-5.40	7.37	Pass
802.11g (20MHz)	2412	-8.87	-9.64	-6.91	7.37	Pass
	2437	-8.81	-8.80	-6.55	7.37	Pass
	2462	-11.53	-10.90	-8.19	7.37	Pass
802.11ac (20MHz)	2412	-9.87	-10.03	-7.39	7.37	Pass
	2437	-9.58	-8.57	-6.30	7.37	Pass
	2462	-11.24	-11.68	-8.90	7.37	Pass
802.11ac (40MHz)	2422	-15.01	-15.33	-12.30	7.37	Pass
	2437	-13.62	-12.32	-10.59	7.37	Pass
	2452	-17.10	-16.98	-14.46	7.37	Pass
802.11ax (20MHz)	2412	-11.17	-11.78	-9.06	7.37	Pass
	2437	-10.35	-9.40	-6.96	7.37	Pass
	2462	-12.69	-12.70	-9.81	7.37	Pass
802.11ax (40MHz)	2422	-15.52	-15.54	-13.70	7.37	Pass
	2437	-14.62	-14.86	-13.12	7.37	Pass
	2452	-17.26	-17.27	-15.32	7.37	Pass

Note: Trace bin-by-bin of each transmits port summing can be performed maximum power density.

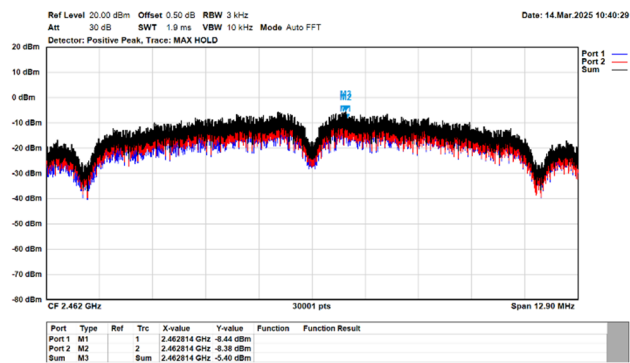
802.11b/20MHz/1M/2412MHz/Ch1



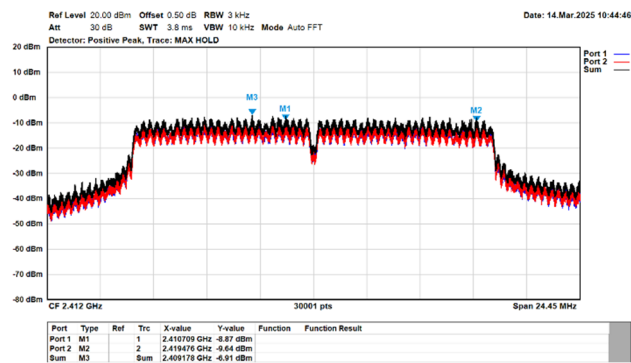
802.11b/20MHz/1M/2437MHz/Ch6



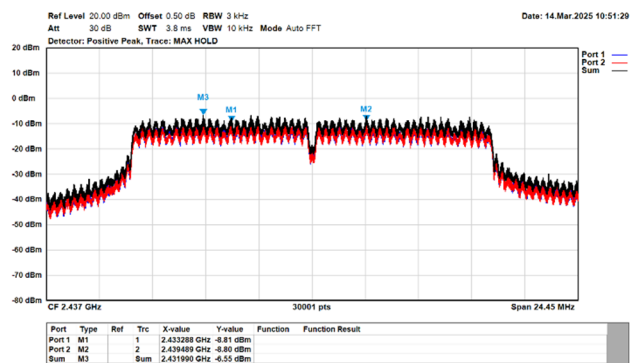
802.11b/20MHz/1M/2462MHz/Ch11



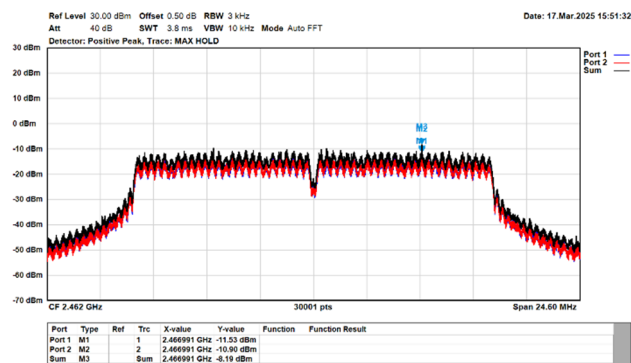
802.11g/20MHz/6M/2412MHz/Ch1



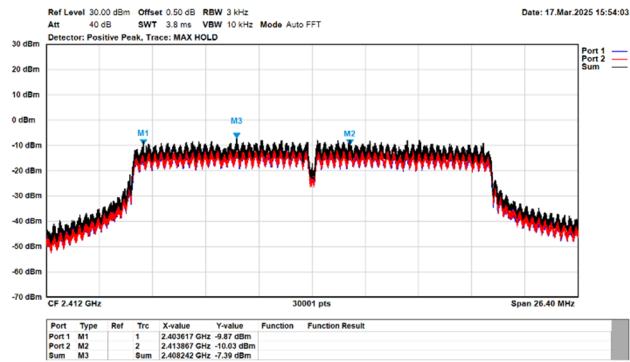
802.11g/20MHz/6M/2437MHz/Ch6



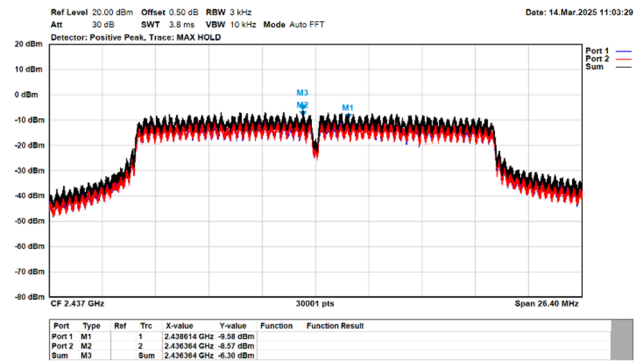
802.11g/20MHz/6M/2462MHz/Ch11



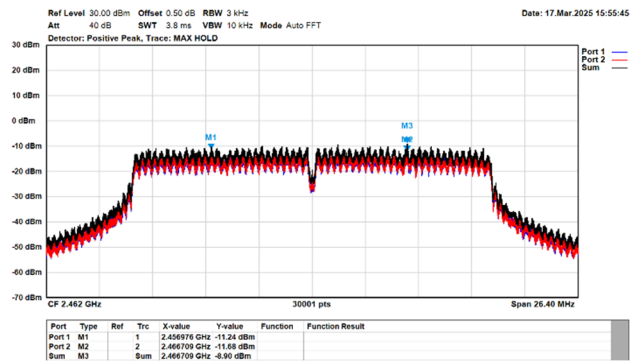
802.11ac/20MHz/MCS0/2412MHz/Ch1



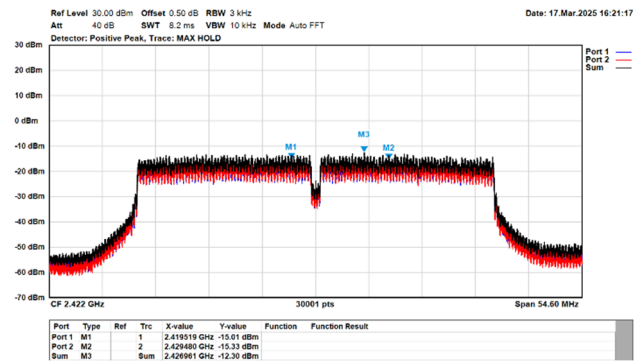
802.11ac/20MHz/MCS0/2437MHz/Ch6



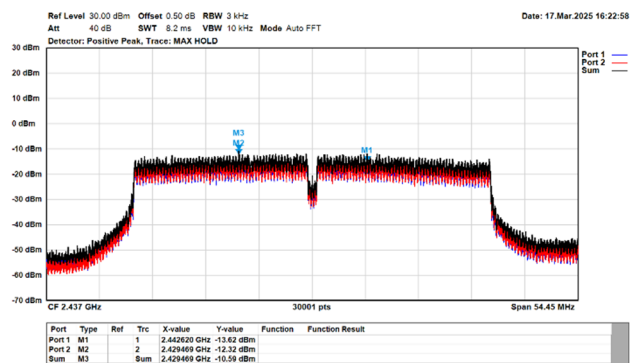
802.11ac/20MHz/MCS0/2462MHz/Ch11



802.11ac/40MHz/MCS0/2422MHz/Ch3



802.11ac/40MHz/MCS0/2437MHz/Ch6



802.11ac/40MHz/MCS0/2452MHz/Ch9

