

Appendix A

Test Information:

Sample No.:	2RIZ-1	Test Date:	2025/01/08~2025/01/20
Test Site:	RF	Test Mode:	Transmitting
Tester:	Kungfumaster Liang	Test Result:	Pass

Environmental Conditions:

Temperature: (°C):	22.3-24.6	Relative Humidity: (%)	45-47	ATM Pressure: (kPa)	101
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Emission Bandwidth

26dB Emission Bandwidth
5150-5250MHz

Mode	Antenna	Test Frequency (MHz)	Result (MHz)
802.11a	Chain 0	5180	19.970
		5200	20.695
		5240	20.644
	Chain 1	5180	19.970
		5200	20.645
		5240	20.695
802.11ac20	Chain 0	5180	20.544
		5200	21.004
		5240	21.157
	Chain 1	5180	20.140
		5200	20.594
		5240	20.747
802.11ac40	Chain 0	5190	41.041
		5230	51.390
	Chain 1	5190	40.340
		5230	42.943
802.11ac80	Chain 0	5210	81.882
	Chain 1	5210	80.681

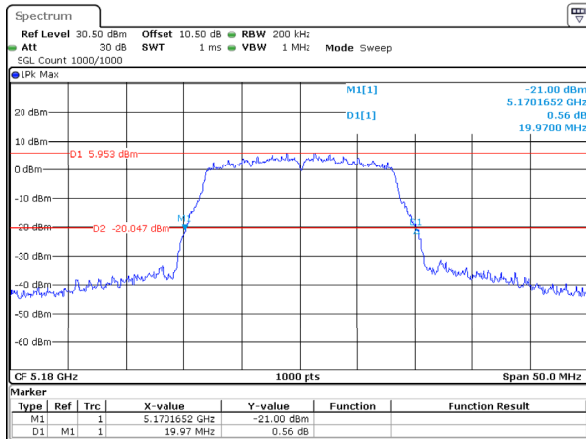
6dB Emission Bandwidth

5725-5850MHz

Mode	Antenna	Test Frequency (MHz)	Result (MHz)	Limit (MHz)	Verdict
802.11a	Chain 0	5745	15.165	0.5	Pass
		5785	15.215	0.5	Pass
		5825	15.215	0.5	Pass
	Chain 1	5745	15.215	0.5	Pass
		5785	15.215	0.5	Pass
		5825	15.215	0.5	Pass
802.11ac20	Chain 0	5745	15.215	0.5	Pass
		5785	15.215	0.5	Pass
		5825	15.165	0.5	Pass
	Chain 1	5745	15.215	0.5	Pass
		5785	15.766	0.5	Pass
		5825	15.766	0.5	Pass
802.11ac40	Chain 0	5755	35.235	0.5	Pass
		5795	35.335	0.5	Pass
	Chain 1	5755	35.235	0.5	Pass
		5795	35.235	0.5	Pass
802.11ac80	Chain 0	5775	75.475	0.5	Pass
	Chain 1	5775	75.475	0.5	Pass

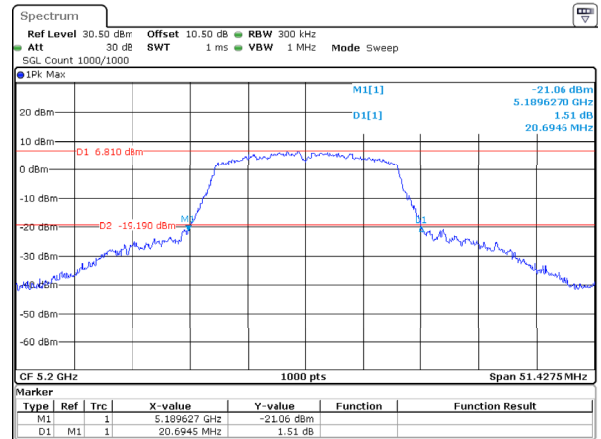
5150-5250MHz

802.11a_5180MHz_Chain 0



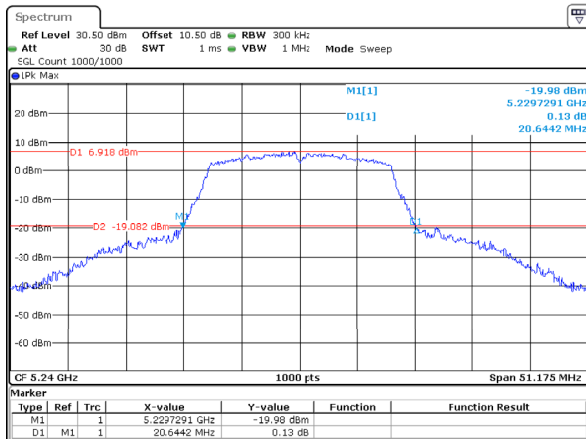
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Date: 9.JAN.2025 00:00:27

802.11a_5200MHz_Chain 0



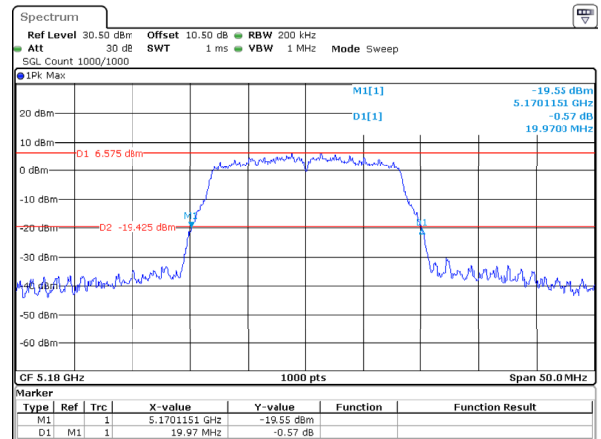
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Date: 9.JAN.2025 00:04:50

802.11a_5240MHz_Chain 0



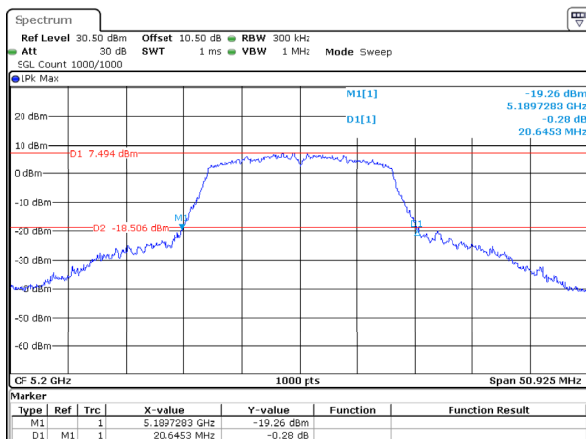
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802.11a_5180MHz_Chain 1



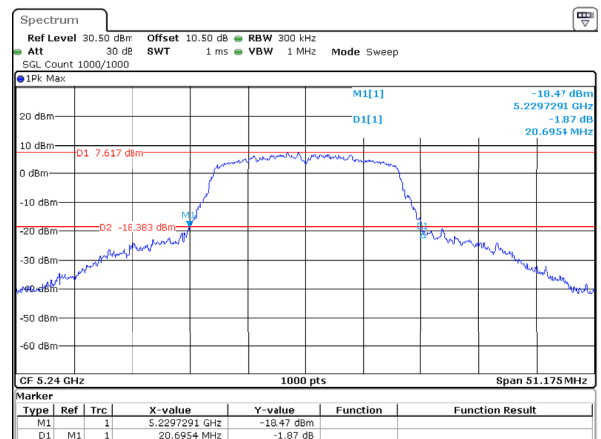
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802.11a_5200MHz_Chain 1



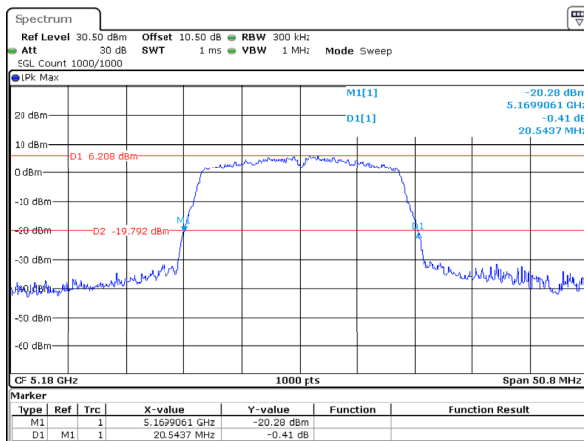
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802.11a_5240MHz_Chain 1



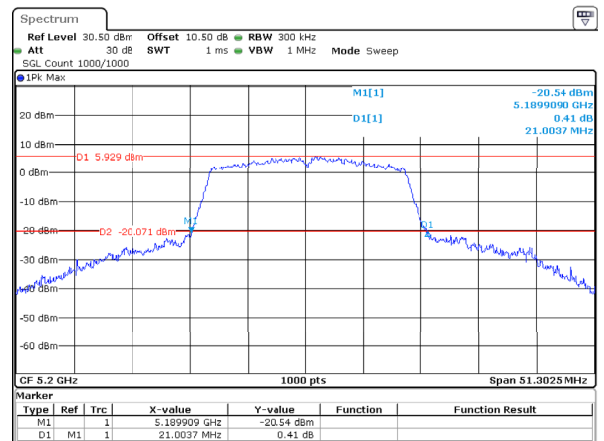
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802.11ac20_5180MHz_Chain 0



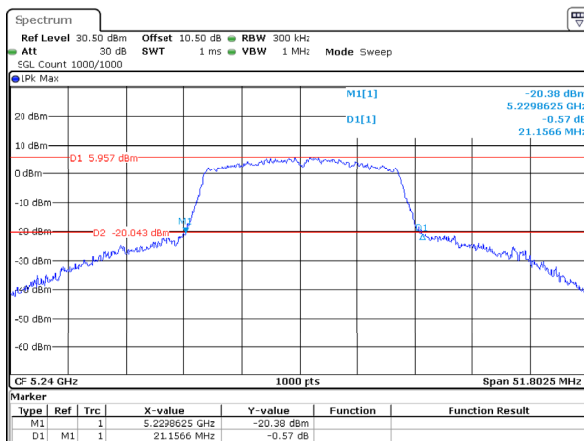
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802.11ac20_5200MHz_Chain 0



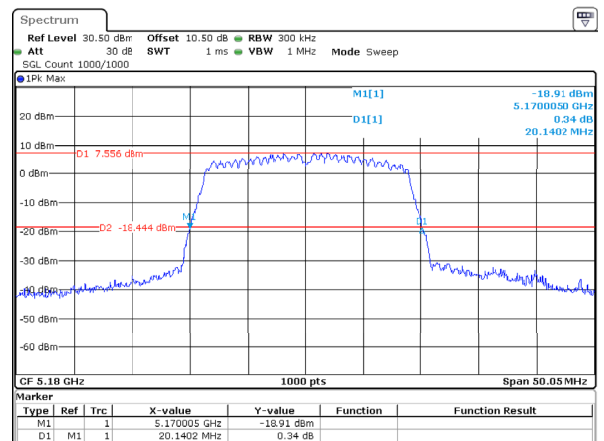
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Date: 9.JAN.2025 00:18:04

802.11ac20_5240MHz_Chain 0



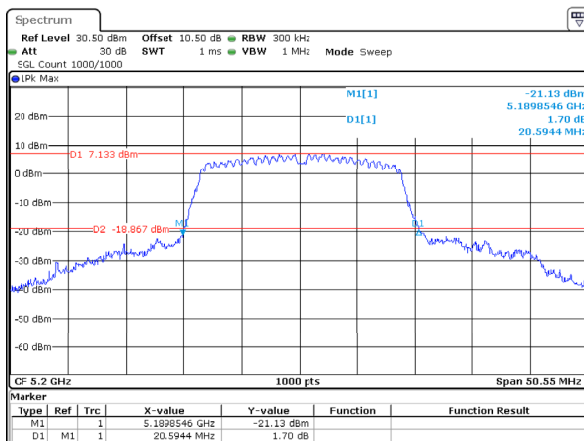
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802.11ac20_5180MHz_Chain 1



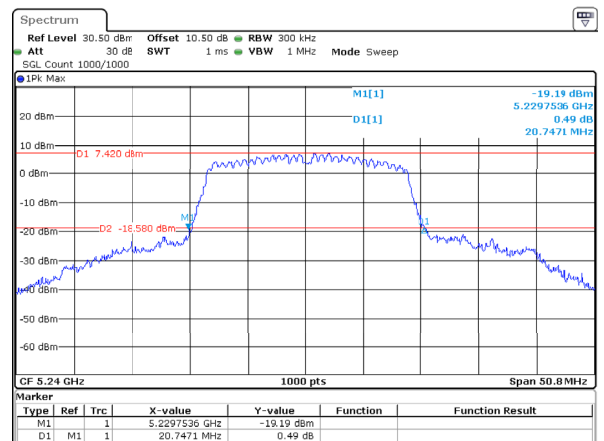
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802.11ac20_5200MHz_Chain 1



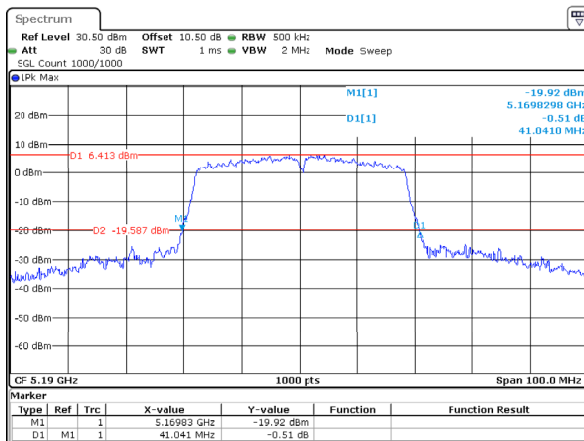
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802.11ac20_5240MHz_Chain 1



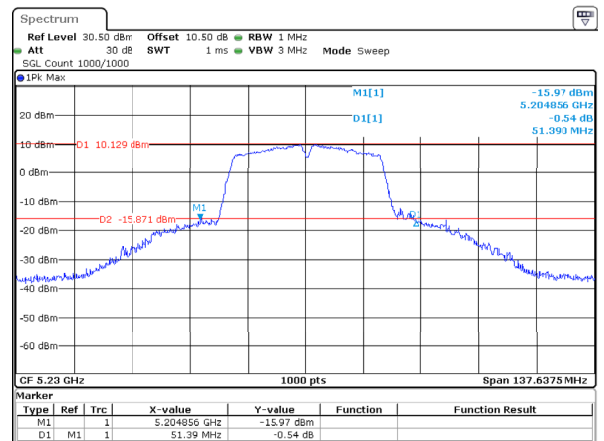
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Date: 9.JAN.2025 01:07:15

802.11ac40_5190MHz_Chain 0



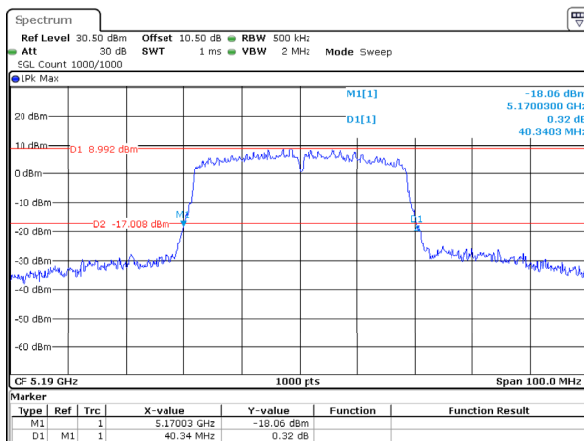
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802.11ac40_5230MHz_Chain 0



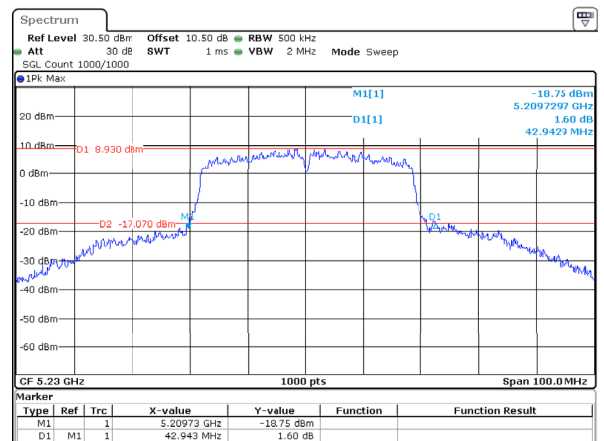
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802.11ac40_5190MHz_Chain 1



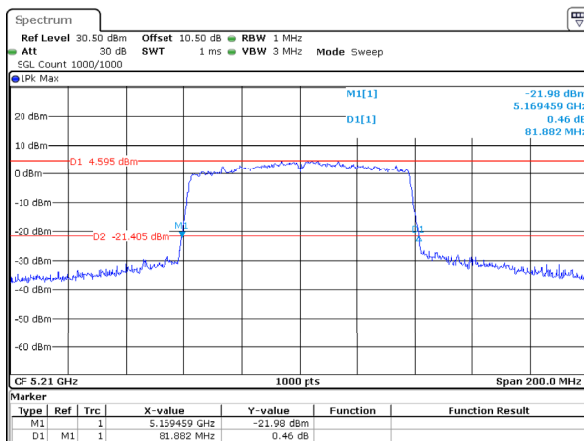
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Date: 9.JAN.2025 01:11:33

802.11ac40_5230MHz_Chain 1



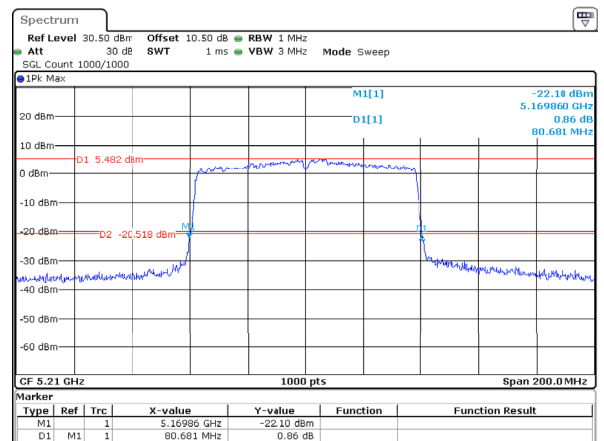
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Date: 9.JAN.2025 01:15:57

802.11ac80_5210MHz_Chain 0



ProjectNo.:2401X28732E-RF Tester:Kungfumaster Liang
Date: 20.JAN.2025 23:16:16

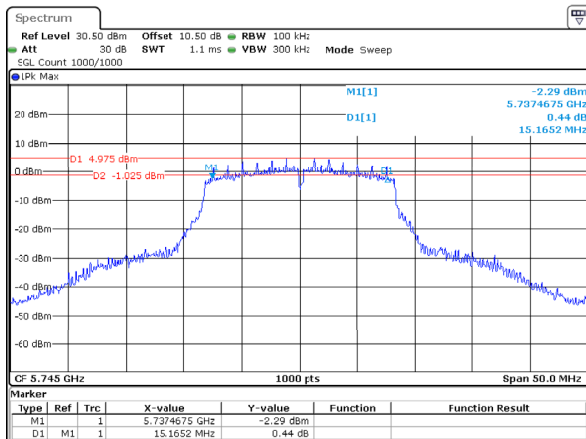
802.11ac80_5210MHz_Chain 1



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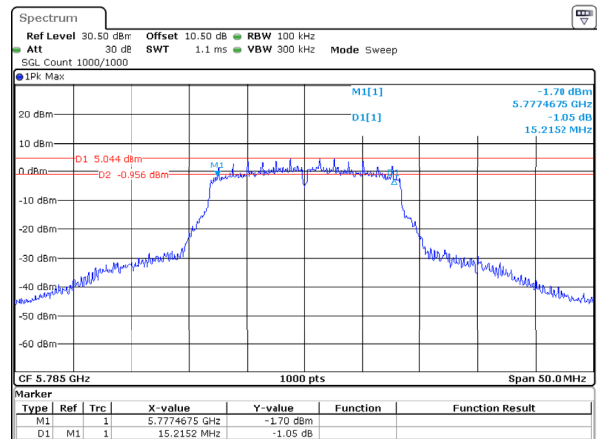
5725-5850MHz

802.11a_5745MHz_Chain 0



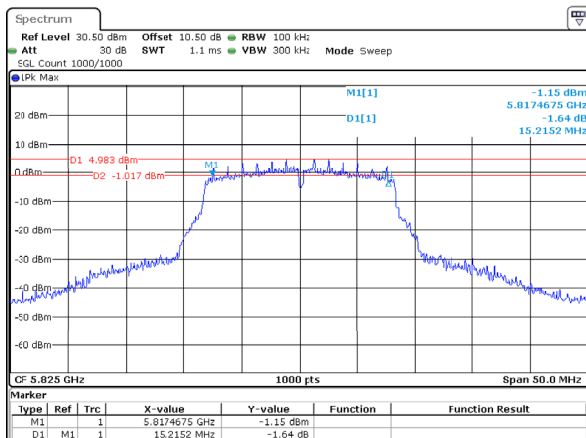
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Date: 9.JAN.2025 01:51:11

802.11a_5785MHz_Chain 0



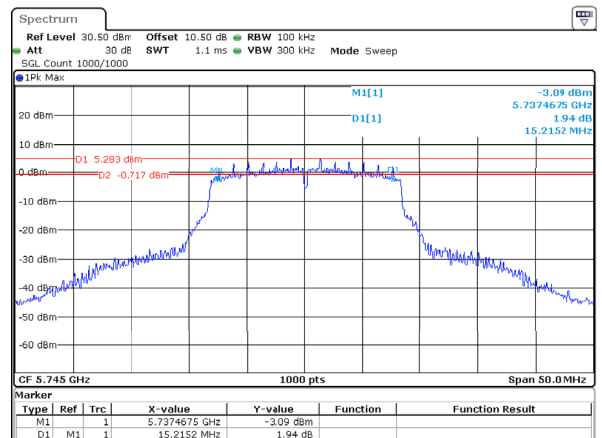
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802.11a_5825MHz_Chain 0



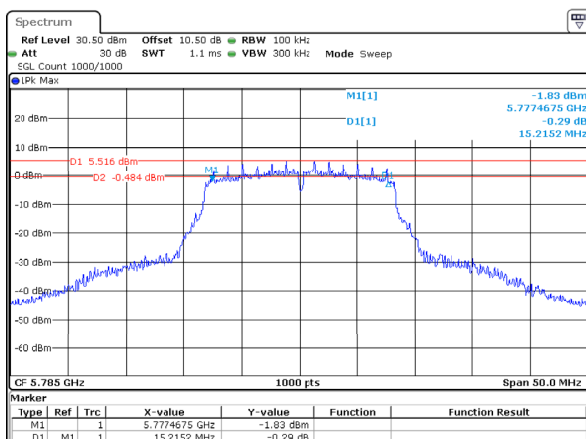
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802.11a_5745MHz_Chain 1



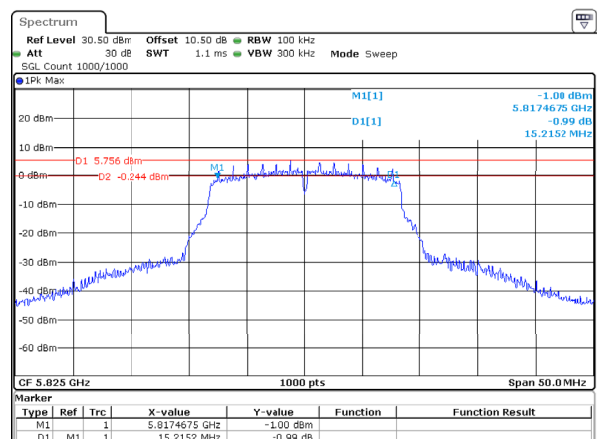
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802.11a_5785MHz_Chain 1



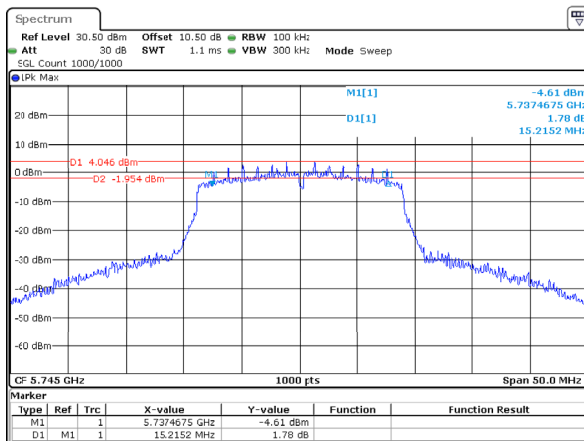
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Date: 9.JAN.2025 01:31:07

802.11a_5825MHz_Chain 1



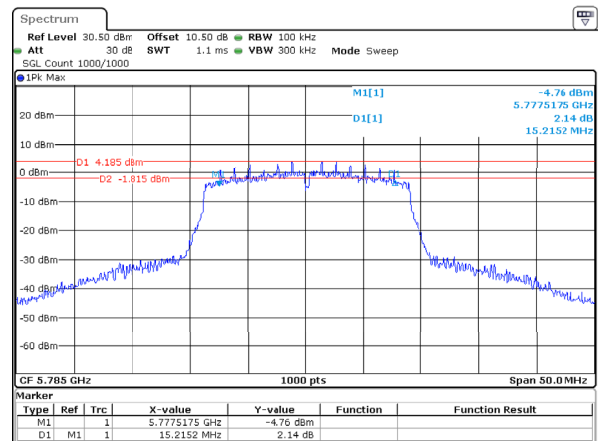
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Date: 9.JAN.2025 01:33:23

802.11ac20_5745MHz_Chain 0



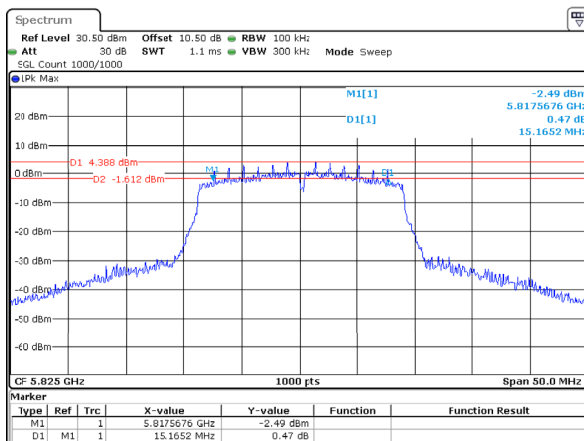
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Date: 9.JAN.2025 01:59:14

802.11ac20_5785MHz_Chain 0



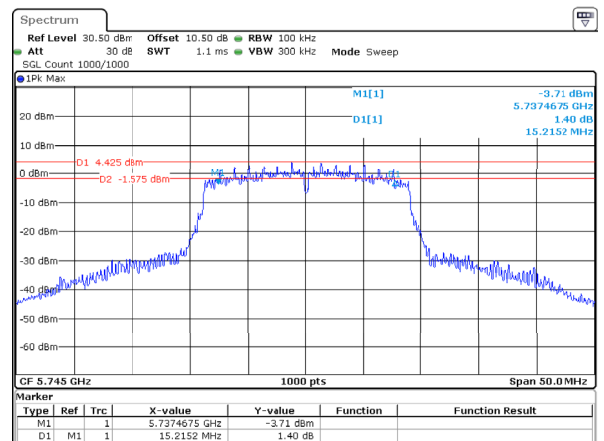
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Date: 9.JAN.2025 02:01:48

802.11ac20_5825MHz_Chain 0



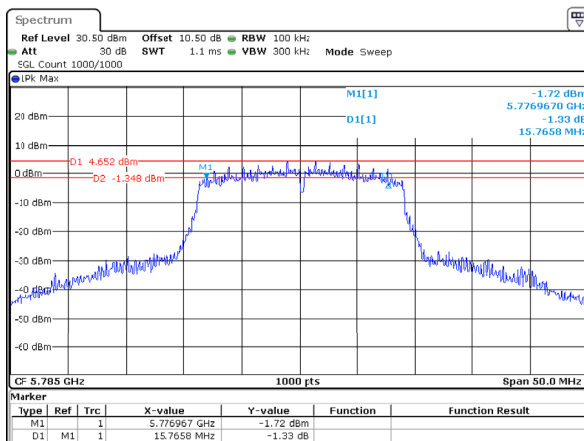
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Date: 9.JAN.2025 02:04:21

802.11ac20_5745MHz_Chain 1



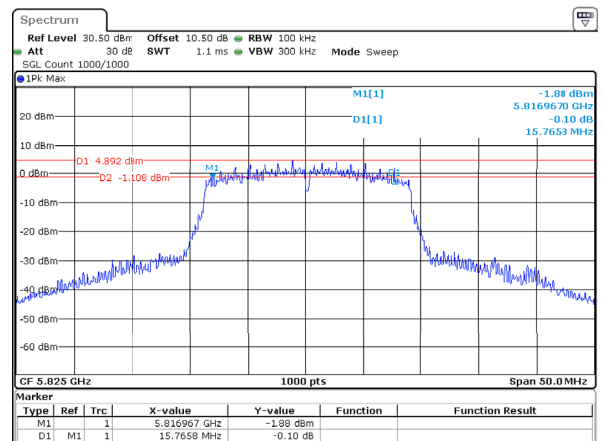
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802.11ac20_5785MHz_Chain 1



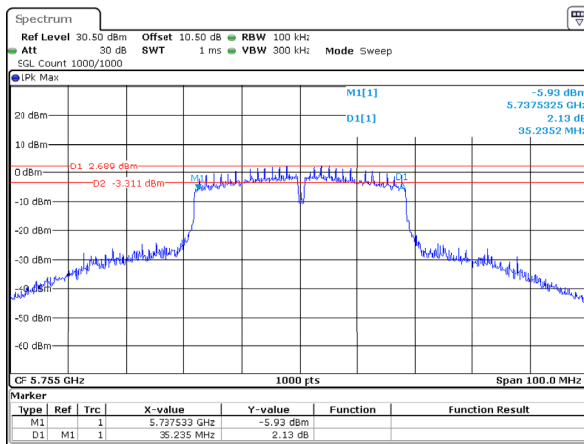
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Date: 9.JAN.2025 01:38:41

802.11ac20_5825MHz_Chain 1



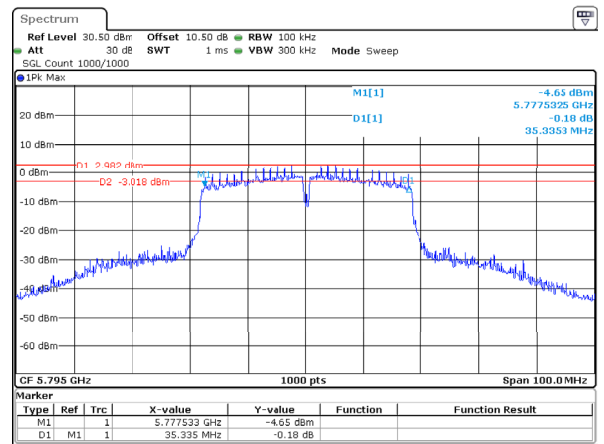
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802.11ac40_5755MHz_Chain 0



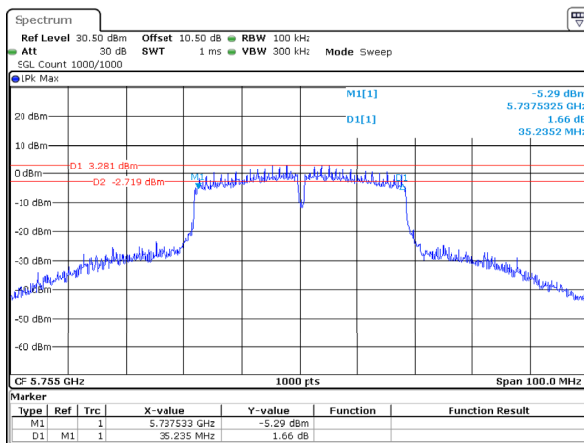
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Date: 9 JAN 2025 02:06:29

802.11ac40_5795MHz_Chain 0



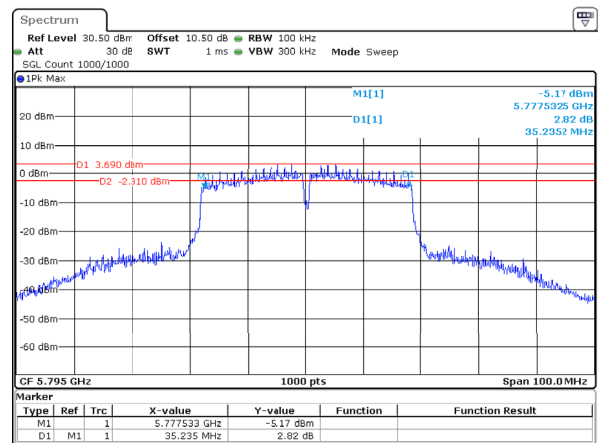
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Date: 9 JAN 2025 02:08:08

802.11ac40_5755MHz_Chain 1



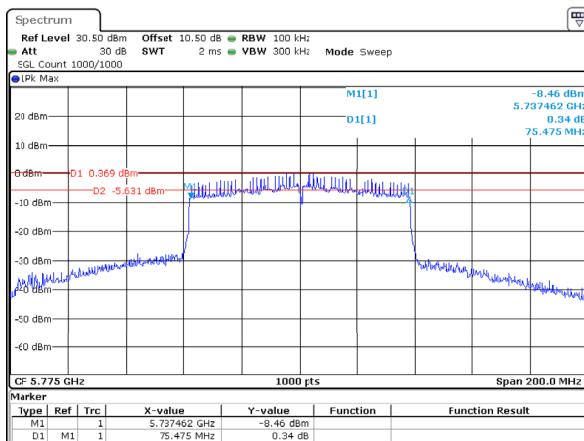
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Date: 9 JAN 2025 01:43:28

802.11ac40_5795MHz_Chain 1



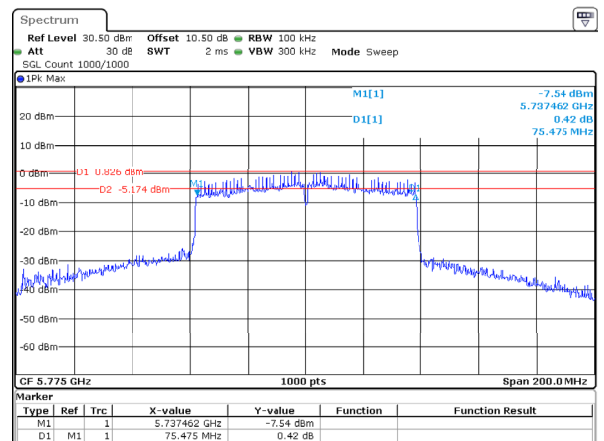
ProjectNo.:2401X28732E-RF Tester:Kungfumaster Liang
Date: 9 JAN 2025 01:44:55

802.11ac80_5775MHz_Chain 0



ProjectNo.:2401X28732E-RF Tester:Kungfumaster Liang
Date: 9 JAN 2025 02:10:02

802.11ac80_5775MHz_Chain 1



ProjectNo.:2401X28732E-RF Tester:Kungfumaster Liang
Date: 9 JAN 2025 01:48:23

99% Occupied Bandwidth

5150-5250MHz

Mode	Antenna	Test Frequency (MHz)	99% OBW (MHz)
802.11a	Chain 0	5180	16.500
		5200	16.600
		5240	16.700
	Chain 1	5180	16.550
		5200	16.600
		5240	16.600
802.11ac20	Chain 0	5180	17.550
		5200	17.650
		5240	17.650
	Chain 1	5180	17.550
		5200	17.650
		5240	17.650
802.11ac40	Chain 0	5190	36.200
		5230	36.400
	Chain 1	5190	36.100
		5230	36.300
802.11ac80	Chain 0	5210	75.600
	Chain 1	5210	75.200

Note:

The 99% Occupied Bandwidth have not fall into the band 5250-5350MHz, please refer to the test plots of 99% Occupied Bandwidth.

5725-5850MHz

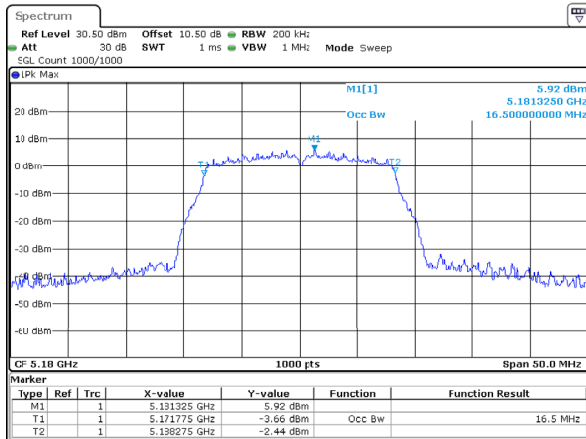
Mode	Antenna	Test Frequency (MHz)	99% OBW (MHz)
802.11a	Chain 0	5745	16.650
		5785	16.650
		5825	16.600
	Chain 1	5745	16.650
		5785	16.650
		5825	16.650
802.11ac20	Chain 0	5745	17.600
		5785	17.650
		5825	17.600
	Chain 1	5745	17.650
		5785	17.650
		5825	17.650
802.11ac40	Chain 0	5755	36.500
		5795	36.300
	Chain 1	5755	36.300
		5795	36.300
802.11ac80	Chain 0	5775	75.800
	Chain 1	5775	75.600

Note:

The 99% Occupied Bandwidth have not fall into the band 5470-5725MHz, please refer to the test plots of 99% Occupied Bandwidth.

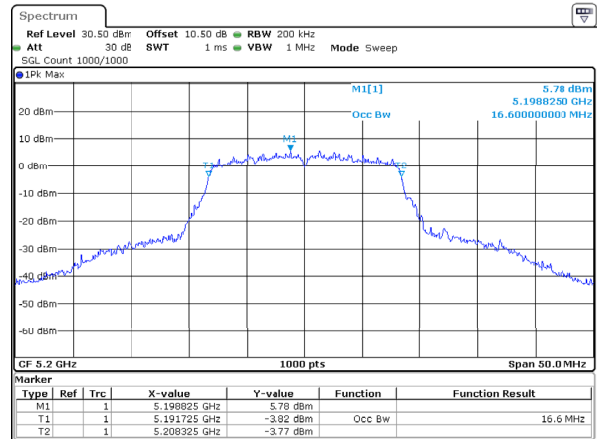
5150-5250MHz

802.11a_5180MHz_Chain 0



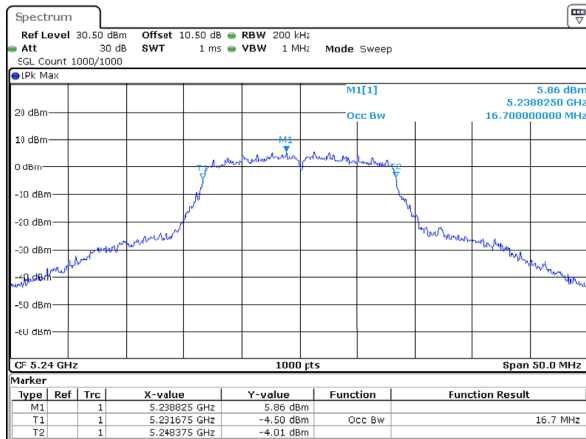
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Date: 9.JAN.2025 00:01:14

802.11a_5200MHz_Chain 0



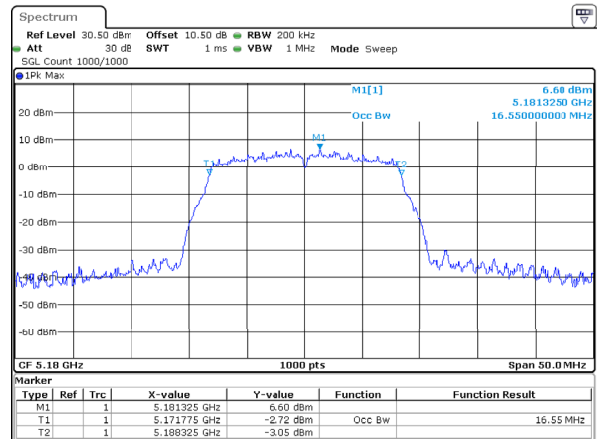
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Date: 9.JAN.2025 00:05:28

802.11a_5240MHz_Chain 0



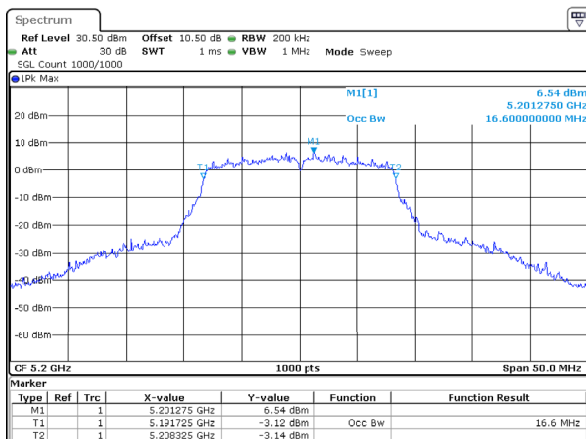
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Date: 9.JAN.2025 00:09:32

802.11a_5180MHz_Chain 1



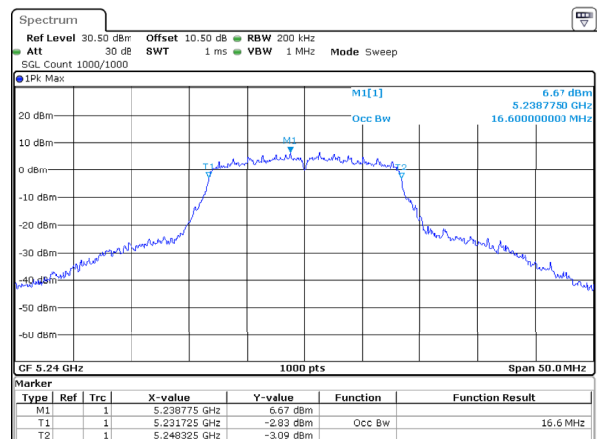
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Date: 9.JAN.2025 00:43:17

802.11a_5200MHz_Chain 1



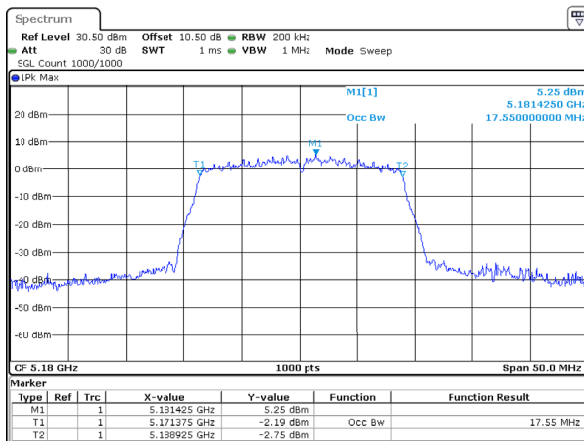
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Date: 9.JAN.2025 00:47:17

802.11a_5240MHz_Chain 1



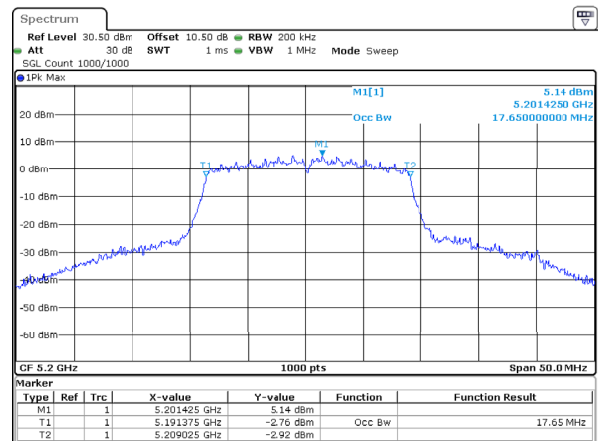
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Date: 9.JAN.2025 00:51:18

802.11ac20_5180MHz_Chain 0



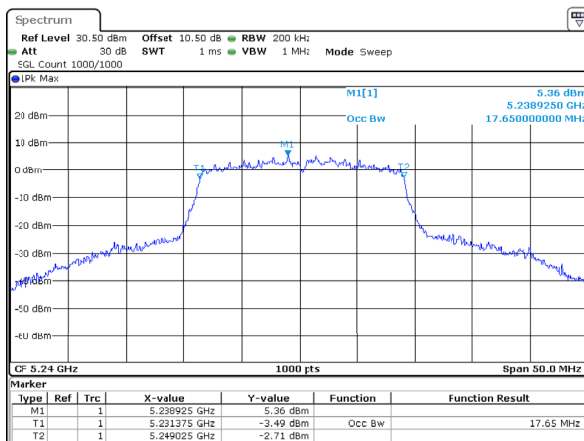
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802.11ac20_5200MHz_Chain 0



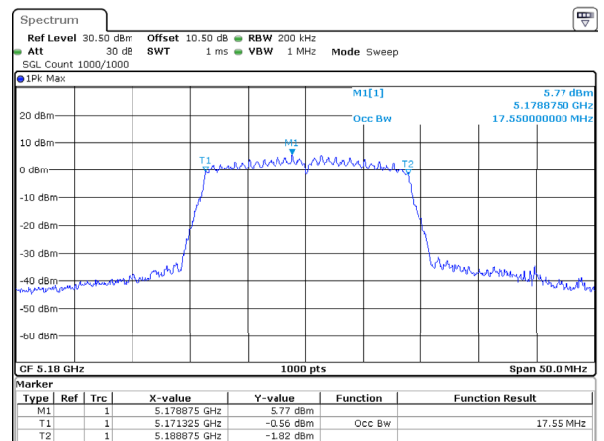
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Date: 9.JAN.2025 00:18:42

802.11ac20_5240MHz_Chain 0



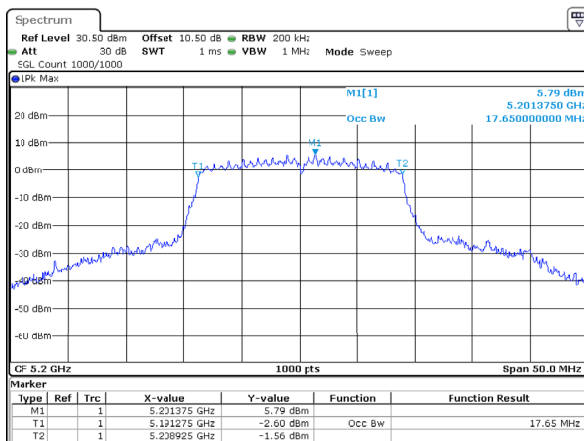
ProjectNo.:2401X28732E-RF Tester:Kungfumaster Liang
Date: 9.JAN.2025 00:24:04

802.11ac20_5180MHz_Chain 1



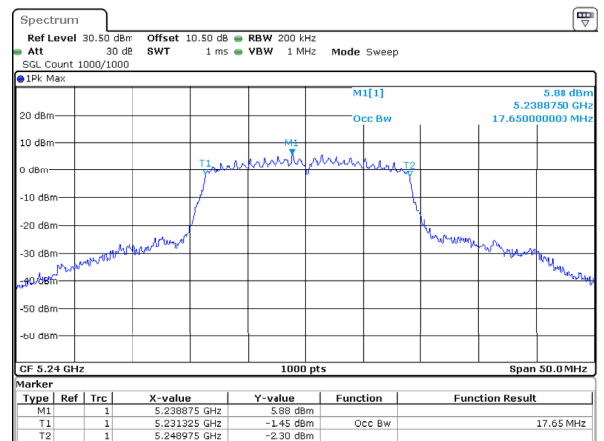
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802.11ac20_5200MHz_Chain 1



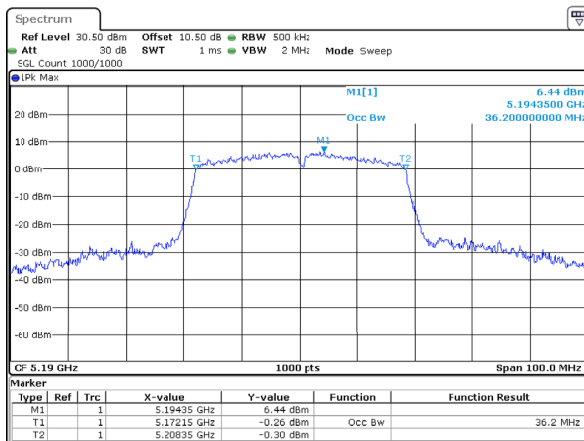
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802.11ac20_5240MHz_Chain 1

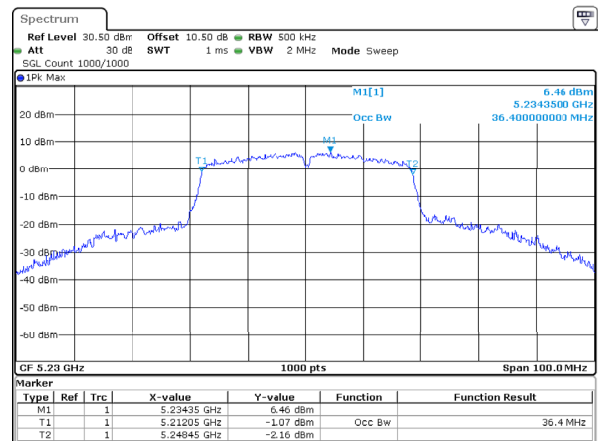


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Date: 9.JAN.2025 01:07:59

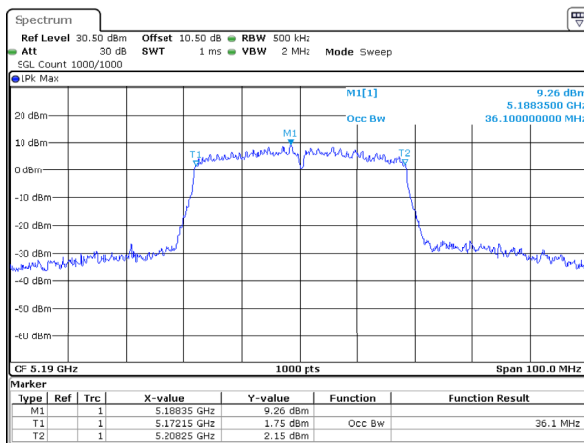
802.11ac40_5190MHz_Chain 0



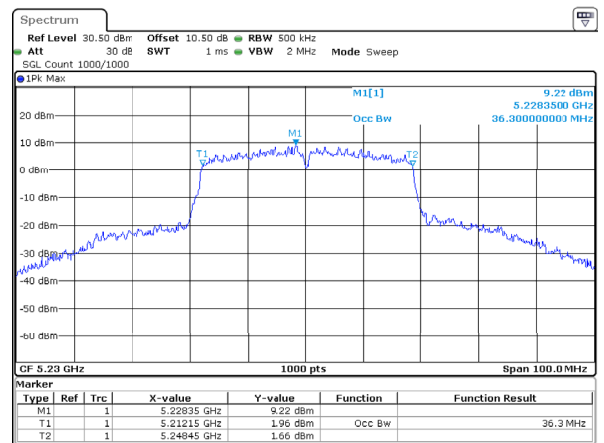
802.11ac40_5230MHz_Chain 0



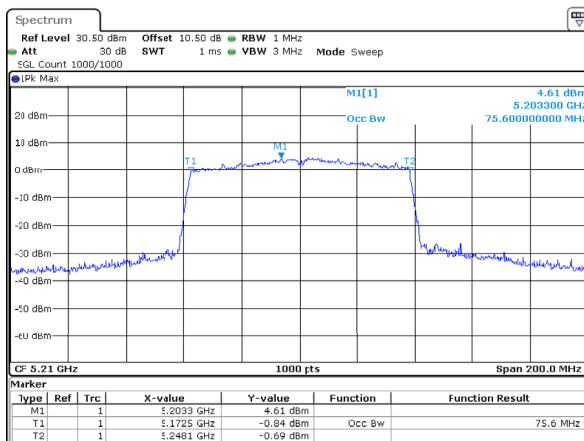
802.11ac40_5190MHz_Chain 1



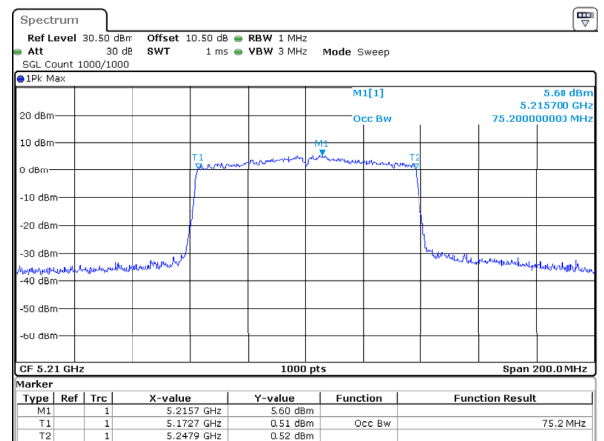
802.11ac40_5230MHz_Chain 1



802.11ac80_5210MHz_Chain 0

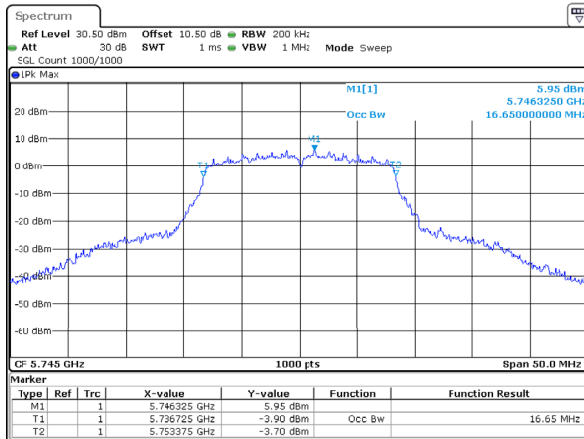


802.11ac80_5210MHz_Chain 1



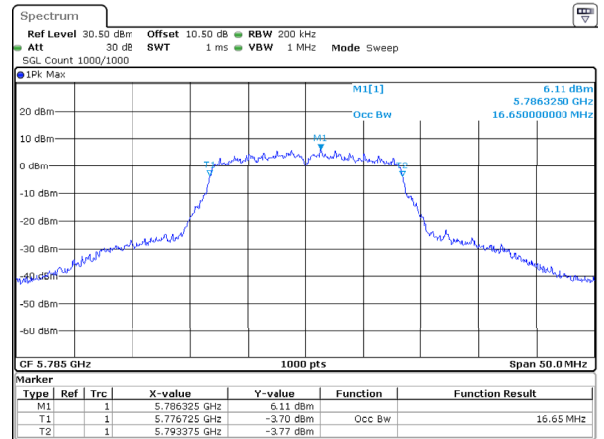
5725-5850MHz

802.11a_5745MHz_Chain 0



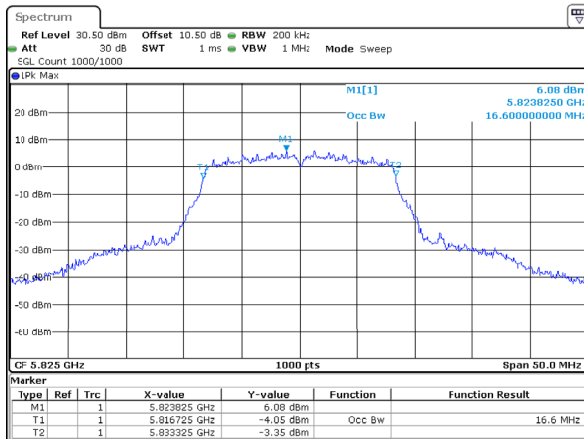
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Date: 9.JAN.2025 01:52:04

802.11a_5785MHz_Chain 0



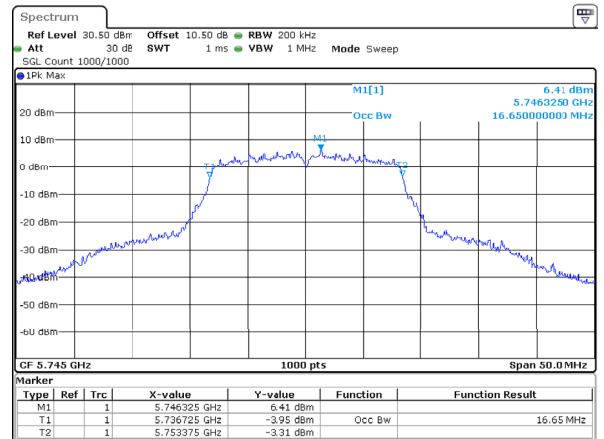
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802.11a_5825MHz_Chain 0



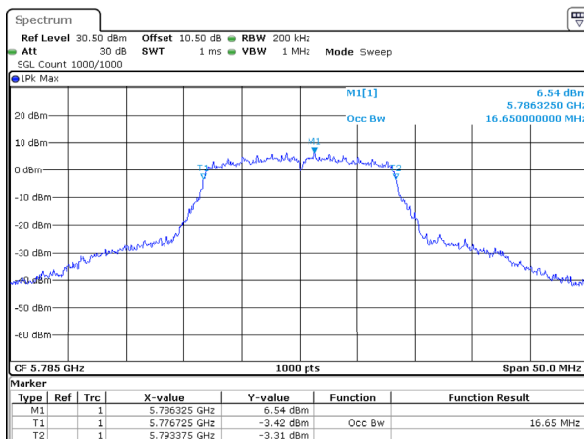
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Date: 9.JAN.2025 01:57:40

802.11a_5745MHz_Chain 1



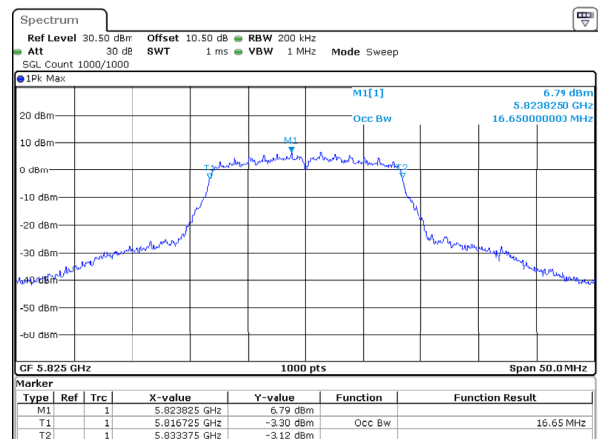
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Date: 9.JAN.2025 01:29:31

802.11a_5785MHz_Chain 1



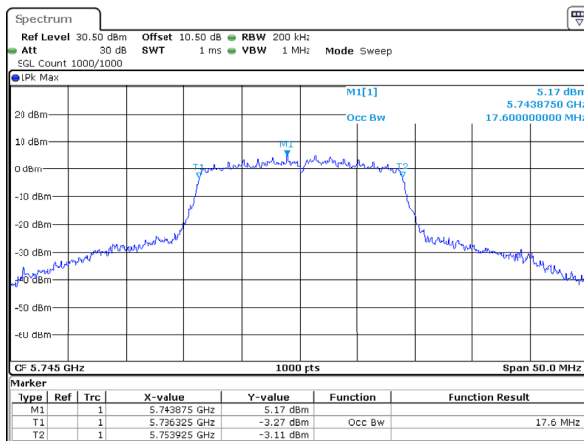
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Date: 9.JAN.2025 01:32:06

802.11a_5825MHz_Chain 1

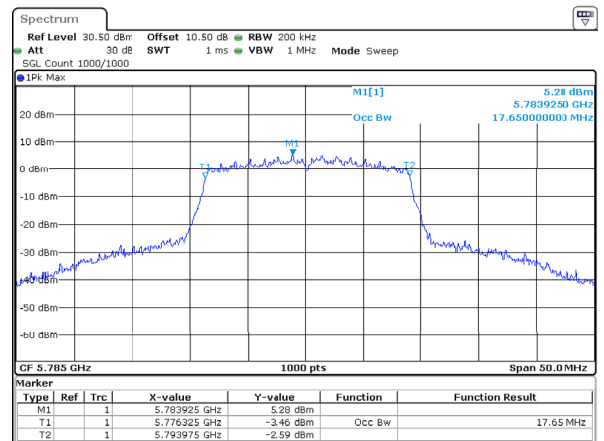


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Date: 9.JAN.2025 01:34:02

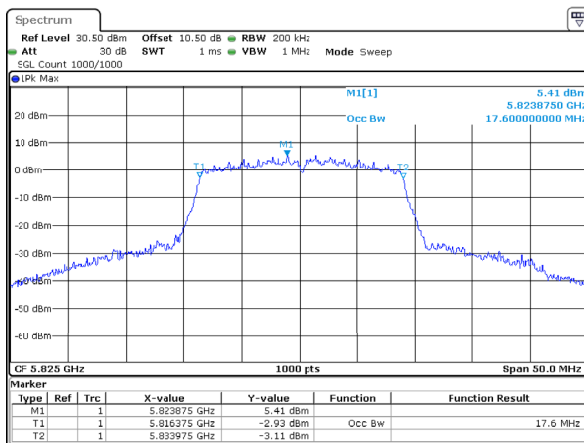
802.11ac20_5745MHz_Chain 0



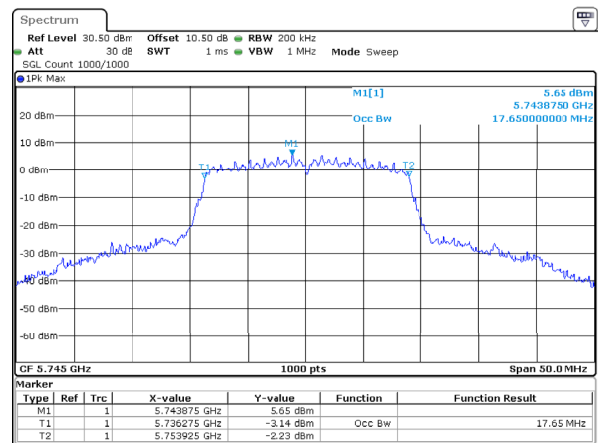
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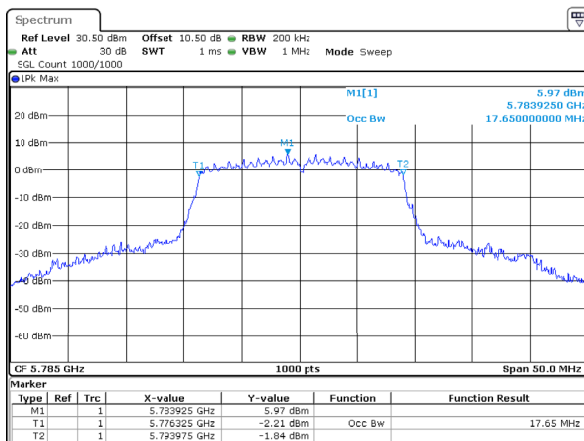
802.11ac20_5825MHz_Chain 0



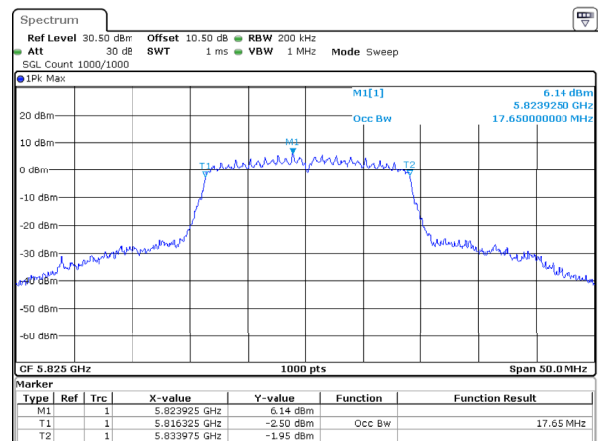
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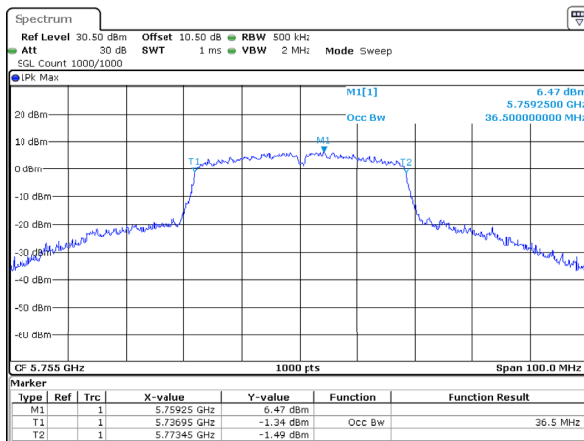
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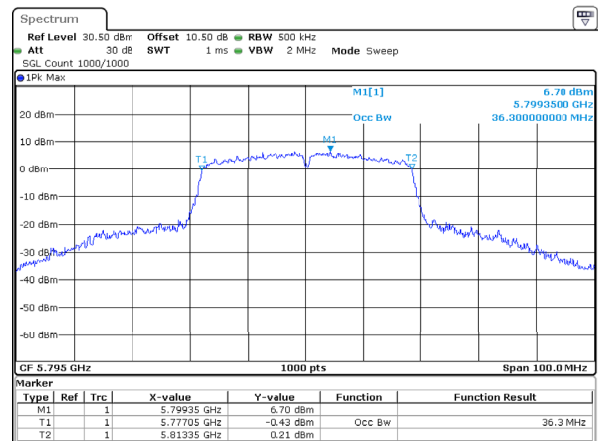
802.11ac20_5825MHz_Chain 1



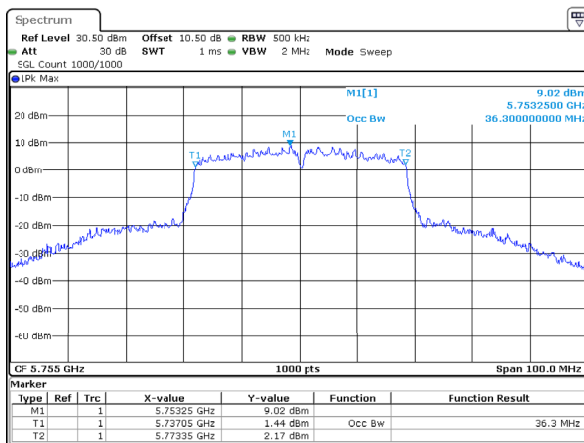
802.11ac40_5755MHz_Chain 0



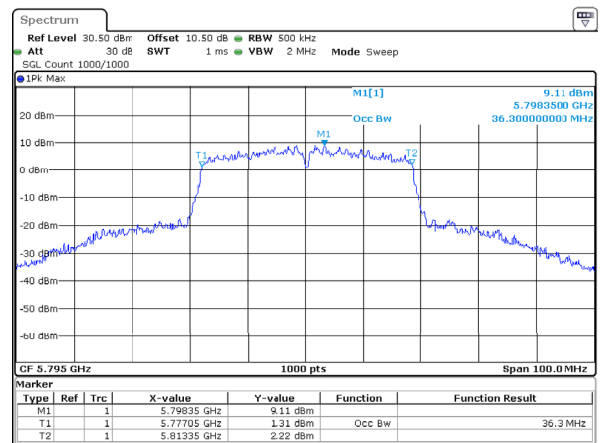
802.11ac40_5795MHz_Chain 0



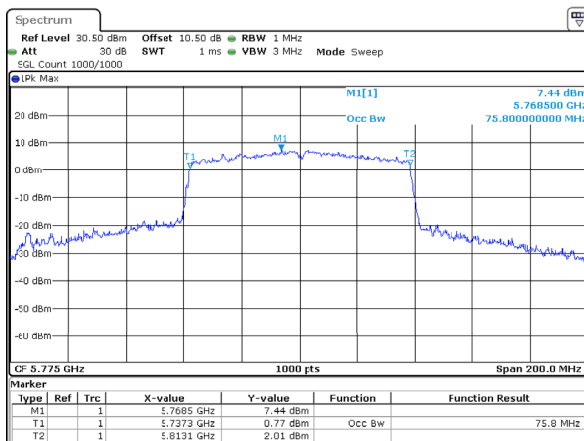
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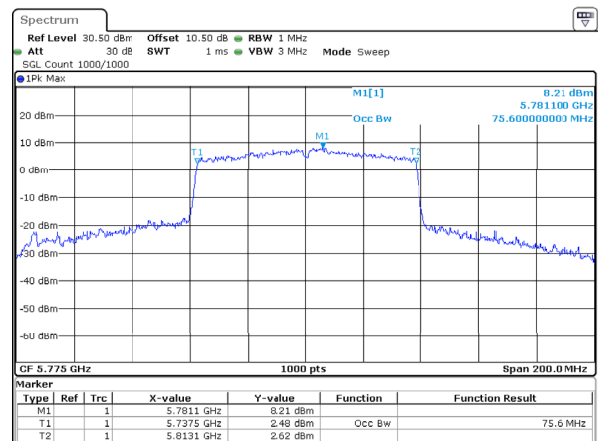
802.11ac40_5795MHz_Chain 1



802.11ac80_5775MHz_Chain 0



802.11ac80_5775MHz_Chain 1



Maximum Conducted Output Power

5150-5250MHz

Mode	Antenna	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11a	Chain 0	5180	15.17	24	Pass
		5200	15.00	24	Pass
		5240	15.08	24	Pass
	Chain 1	5180	15.74	24	Pass
		5200	15.57	24	Pass
		5240	15.76	24	Pass
802.11ac20	Chain 0	5180	14.41	24	Pass
		5200	14.27	24	Pass
		5240	14.36	24	Pass
	Chain 1	5180	14.97	24	Pass
		5200	14.97	24	Pass
		5240	15.01	24	Pass
	Chain 0+Chain 1	5180	17.71	24	Pass
		5200	17.64	24	Pass
		5240	17.71	24	Pass
802.11ac40	Chain 0	5190	15.48	24	Pass
		5230	15.45	24	Pass
	Chain 1	5190	15.91	24	Pass
		5230	16.00	24	Pass
	Chain 0+Chain 1	5190	18.71	24	Pass
		5230	18.74	24	Pass
802.11ac80	Chain 0	5210	12.79	24	Pass
	Chain 1	5210	13.25	24	Pass
	Chain 0+Chain 1	5210	16.04	24	Pass

5725-5850MHz

Mode	Antenna	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11a	Chain 0	5745	15.04	30	Pass
		5785	15.28	30	Pass
		5825	15.23	30	Pass
	Chain 1	5745	15.45	30	Pass
		5785	15.64	30	Pass
		5825	15.8	30	Pass
802.11ac20	Chain 0	5745	14.21	30	Pass
		5785	14.36	30	Pass
		5825	14.44	30	Pass
	Chain 1	5745	14.69	30	Pass
		5785	14.96	30	Pass
		5825	15.16	30	Pass
	Chain 0+Chain 1	5745	17.47	30	Pass
		5785	17.68	30	Pass
		5825	17.83	30	Pass
802.11ac40	Chain 0	5755	15.57	30	Pass
		5795	15.76	30	Pass
	Chain 1	5755	15.94	30	Pass
		5795	16.26	30	Pass
	Chain 0+Chain 1	5755	18.77	30	Pass
		5795	19.03	30	Pass
802.11ac80	Chain 0	5775	15.39	30	Pass
	Chain 1	5775	15.70	30	Pass
	Chain 0+Chain 1	5775	18.56	30	Pass

Note: 1. The EUT is a client device.

2. For 802.11n modes, the device employed Cyclic Delay Diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01:

$$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

where

Each antenna is driven by no more than one spatial stream;

N_{SS} = the number of independent spatial streams of data;

N_{ANT} = the total number of antennas

$g_{j,k} = 10^{G_k/20}$ if the k_{th} antenna is being fed by spatial stream j , or zero if it is not;

G_k is the gain in dBi of the k_{th} antenna.

ANT0 Gain:	2.42	dBi	Directional gain:	5.49	dBi
ANT1 Gain:	2.54	dBi			

Power Spectral Density

5150-5250MHz

Mode	Antenna	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11a	Chain 0	5180	4.99	0.17	5.16	11	Pass
		5200	4.85	0.17	5.02	11	Pass
		5240	4.84	0.17	5.01	11	Pass
	Chain 1	5180	5.34	0.17	5.51	11	Pass
		5200	5.39	0.17	5.56	11	Pass
		5240	5.39	0.17	5.56	11	Pass
802.11ac20	Chain 0	5180	4.24	0.18	4.42	11	Pass
		5200	3.74	0.18	3.92	11	Pass
		5240	4.05	0.18	4.23	11	Pass
	Chain 1	5180	4.62	0.18	4.80	11	Pass
		5200	4.57	0.18	4.75	11	Pass
		5240	4.55	0.18	4.73	11	Pass
	Chain 0+Chain 1	5180	7.44	0.18	7.62	11	Pass
		5200	7.19	0.18	7.37	11	Pass
		5240	7.32	0.18	7.50	11	Pass
802.11ac40	Chain 0	5190	2.12	0.34	2.46	11	Pass
		5230	1.83	0.34	2.17	11	Pass
	Chain 1	5190	2.35	0.34	2.69	11	Pass
		5230	2.73	0.34	3.07	11	Pass
	Chain 0+Chain 1	5190	5.25	0.34	5.59	11	Pass
		5230	5.31	0.34	5.65	11	Pass
802.11ac80	Chain 0	5210	-4.03	0.66	-3.37	11	Pass
	Chain 1	5210	-3.71	0.66	-3.05	11	Pass
	Chain 0+Chain 1	5210	-0.86	0.66	-0.20	11	Pass

5725-5850MHz

Mode	Antenna	Test Frequency (MHz)	Reading (dBm/500kHz)	Duty Cycle Factor(dB)	Result (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
802.11a	Chain 0	5745	2.18	0.17	2.35	30	Pass
		5785	2.21	0.17	2.38	30	Pass
		5825	2.19	0.17	2.36	30	Pass
802.11a	Chain 1	5745	2.35	0.17	2.52	30	Pass
		5785	2.89	0.17	3.06	30	Pass
		5825	2.71	0.17	2.88	30	Pass
802.11ac20	Chain 0	5745	1.01	0.18	1.19	30	Pass
		5785	1.29	0.18	1.47	30	Pass
		5825	1.15	0.18	1.33	30	Pass
	Chain 1	5745	1.37	0.18	1.55	30	Pass
		5785	1.75	0.18	1.93	30	Pass
		5825	2.03	0.18	2.21	30	Pass
	Chain 0+Chain 1	5745	4.2	0.18	4.38	30	Pass
		5785	4.54	0.18	4.72	30	Pass
		5825	4.62	0.18	4.80	30	Pass
802.11ac40	Chain 0	5755	-0.35	0.35	0.00	30	Pass
		5795	-0.80	0.35	-0.45	30	Pass
	Chain 1	5755	-0.59	0.35	-0.24	30	Pass
		5795	-0.28	0.35	0.07	30	Pass
	Chain 0+Chain 1	5755	2.54	0.35	2.89	30	Pass
		5795	2.48	0.35	2.83	30	Pass
802.11ac80	Chain 0	5775	-4.35	0.65	-3.70	30	Pass
	Chain 1	5775	-3.49	0.65	-2.84	30	Pass
	Chain 0+Chain 1	5775	-0.89	0.65	-0.24	30	Pass

Note: 1. The EUT is a client device.

2. Result = Reading + Duty Cycle Factor

2. For 802.11n/ax modes, the device employed Cyclic Delay Diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01:

$$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

where

Each antenna is driven by no more than one spatial stream;

NSS = the number of independent spatial streams of data;

NANT = the total number of antennas

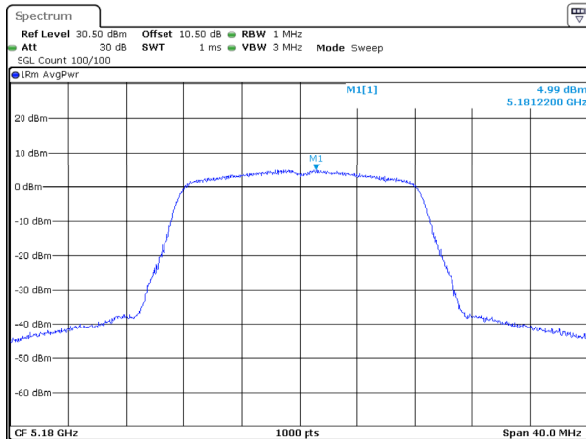
gj,k = 10 Gk /20 if the kth antenna is being fed by spatial stream j, or zero if it is not;

Gk is the gain in dBi of the kth antenna.

ANT0 Gain:	2.42	dBi	Directional gain:	5.49	dBi
ANT1 Gain:	2.54	dBi			

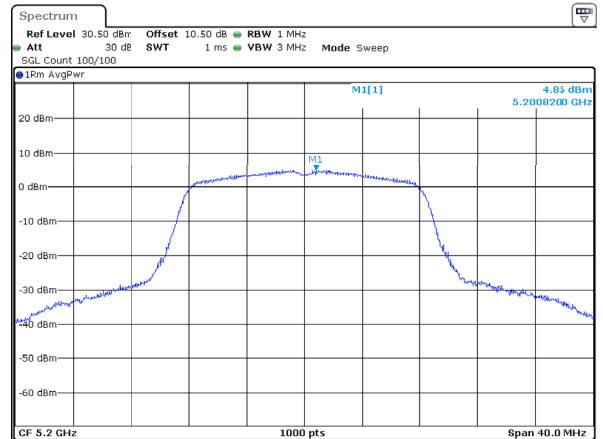
5150-5250MHz

802.11a_5180MHz_Chain 0



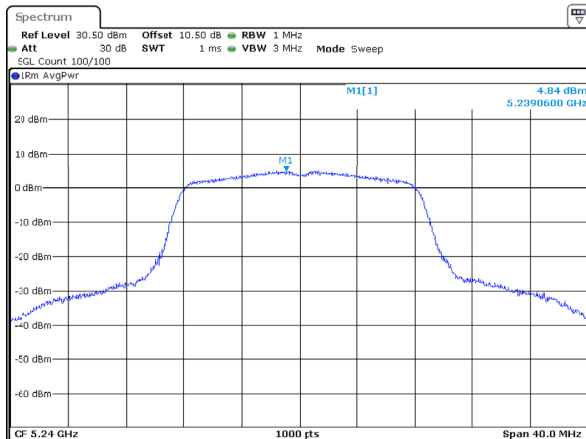
ProjectNo.:2401X28732E-RF Tester:Kungfumaster Liang
Date: 9.JAN.2025 00:01:31

802.11a_5200MHz_Chain 0



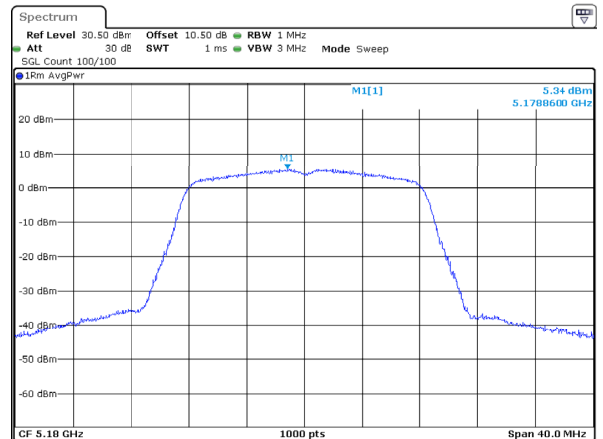
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Date: 9.JAN.2025 00:05:44

802.11a_5240MHz_Chain 0



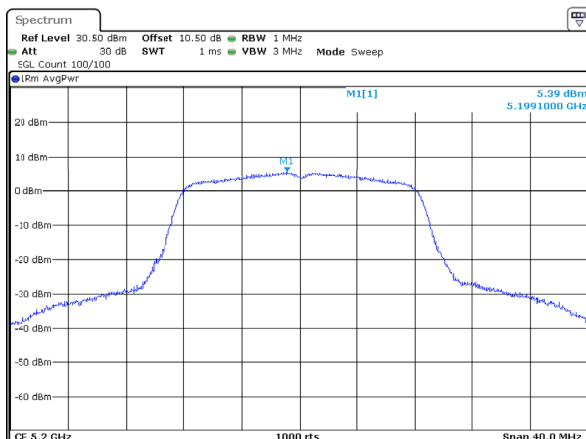
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Date: 9.JAN.2025 00:09:48

802.11a_5180MHz_Chain 1



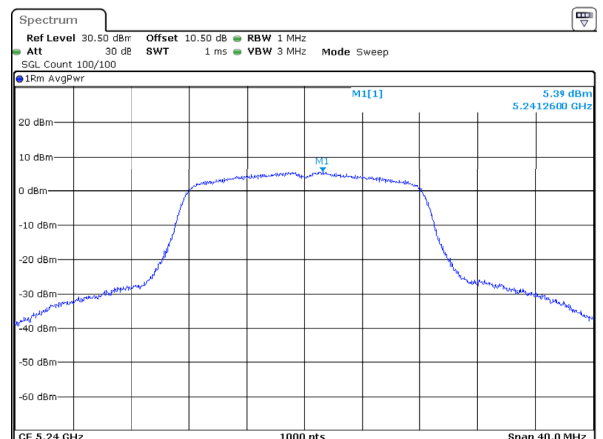
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Date: 9.JAN.2025 00:43:35

802.11a_5200MHz_Chain 1



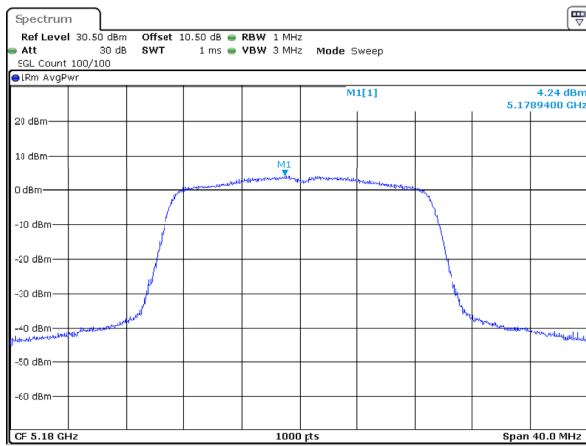
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Date: 9.JAN.2025 00:47:34

802.11a_5240MHz_Chain 1



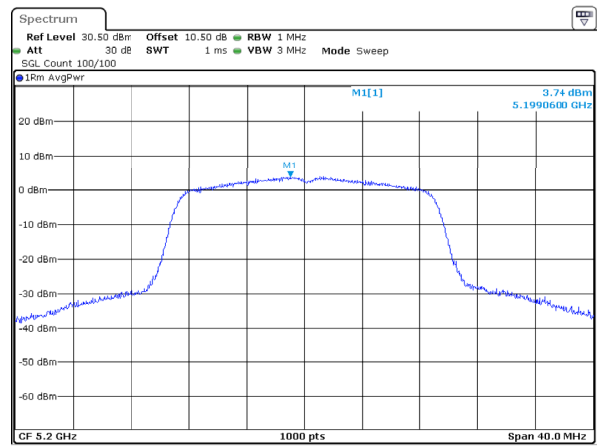
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Date: 9.JAN.2025 00:51:36

802.11ac20_5180MHz_Chain 0



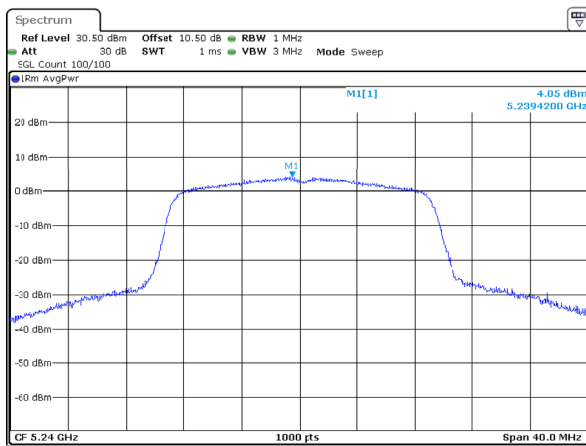
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Date: 9.JAN.2025 00:14:22

802.11ac20_5200MHz_Chain 0



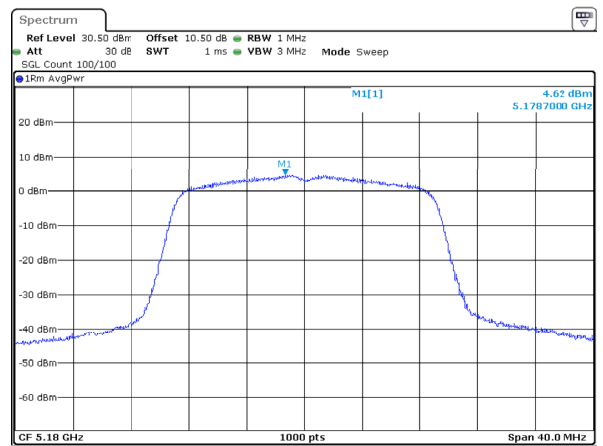
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Date: 9.JAN.2025 00:18:58

802.11ac20_5240MHz_Chain 0



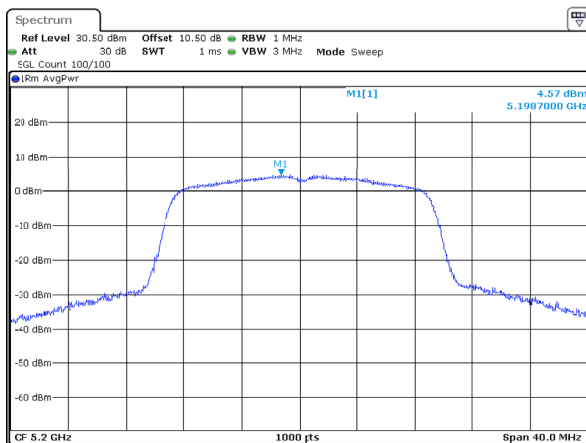
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Date: 9.JAN.2025 00:24:21

802.11ac20_5180MHz_Chain 1



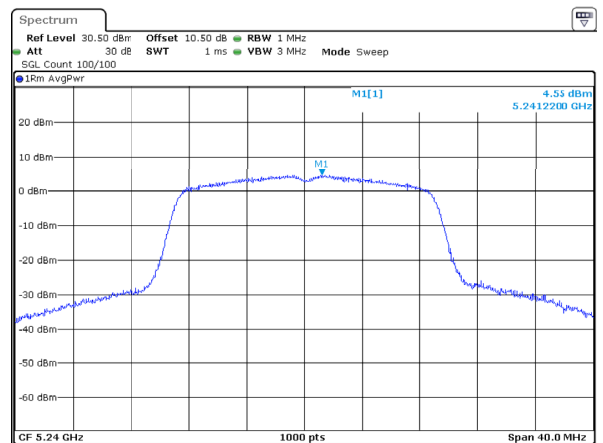
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Date: 9.JAN.2025 00:56:01

802.11ac20_5200MHz_Chain 1



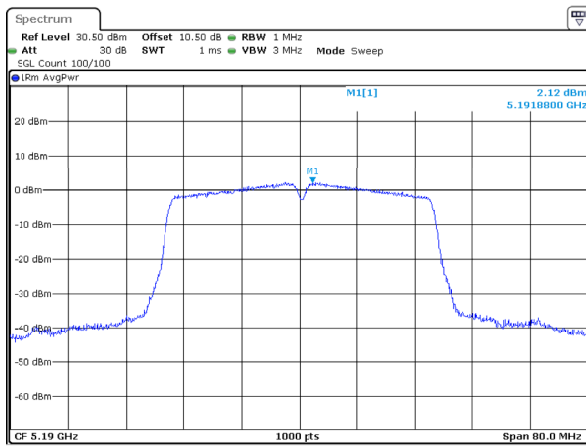
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Date: 9.JAN.2025 01:00:44

802.11ac20_5240MHz_Chain 1



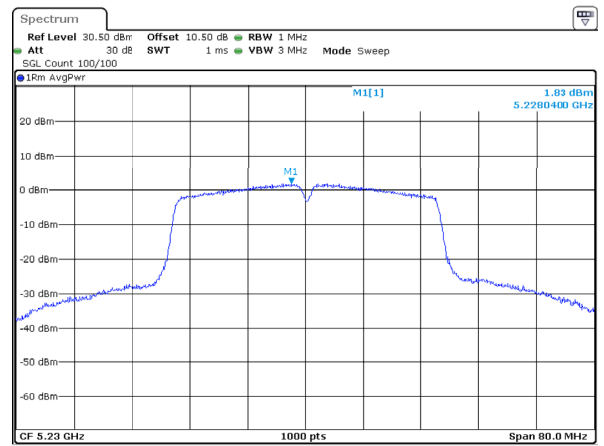
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Date: 9.JAN.2025 01:08:17

802.11ac40_5190MHz_Chain 0



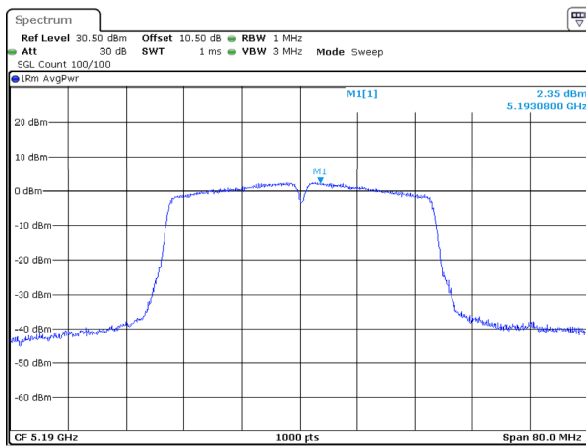
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Date: 9.JAN.2025 00:28:02

802.11ac40_5230MHz_Chain 0



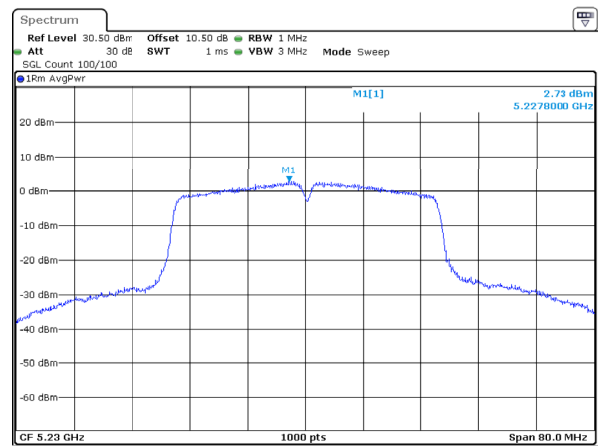
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Date: 9.JAN.2025 00:31:36

802.11ac40_5190MHz_Chain 1



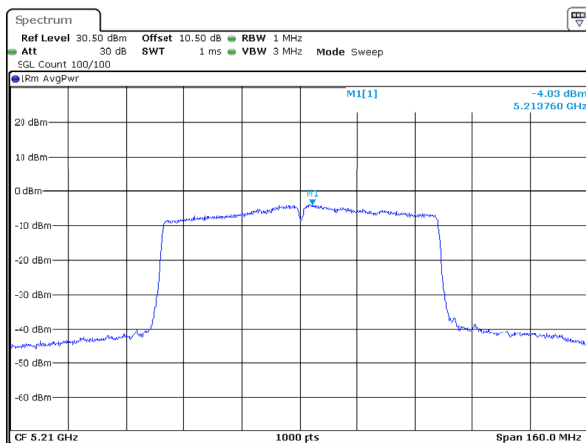
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Date: 9.JAN.2025 01:12:18

802.11ac40_5230MHz_Chain 1



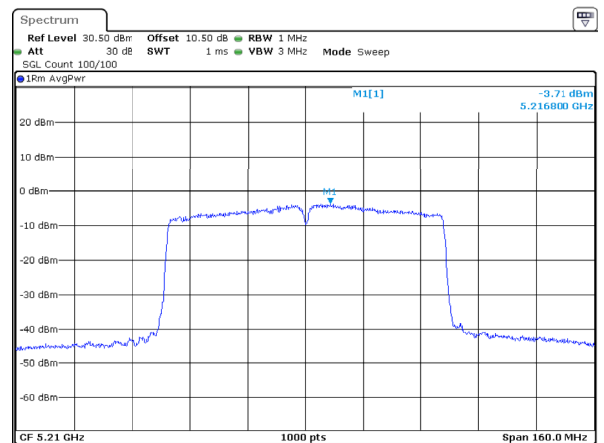
ProjectNo.:2401X28732E-RF Tester:Kungfumaster Liang
Date: 9.JAN.2025 01:16:46

802.11ac80_5210MHz_Chain 0



ProjectNo.:2401X28732E-RF Tester:Kungfumaster Liang
Date: 20.JAN.2025 23:17:10

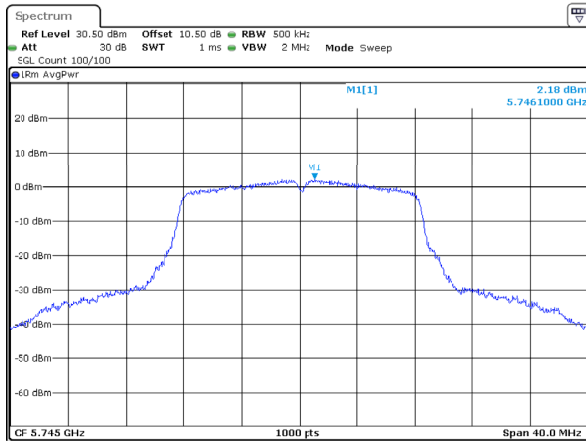
802.11ac80_5210MHz_Chain 1



ProjectNo.:2401X28732E-RF Tester:Kungfumaster Liang
Date: 20.JAN.2025 23:21:24

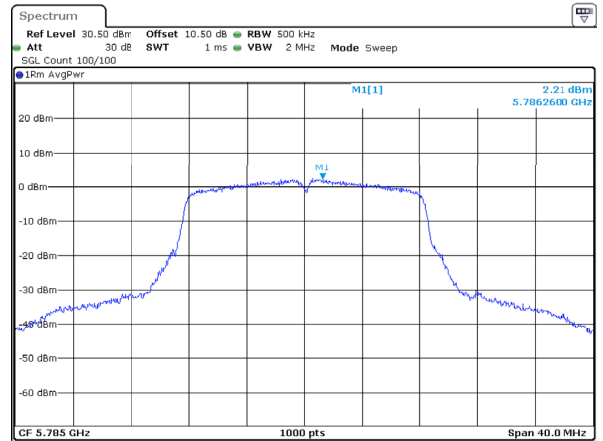
5725-5850MHz

802.11a_5745MHz_Chain 0



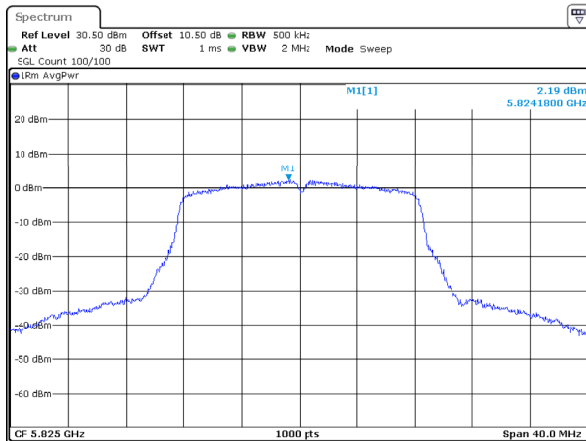
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802.11a_5785MHz_Chain 0



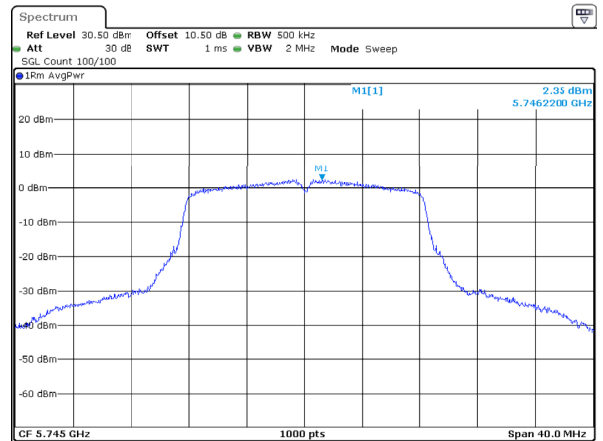
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Date: 9.JAN.2025 01:56:08

802.11a_5825MHz_Chain 0



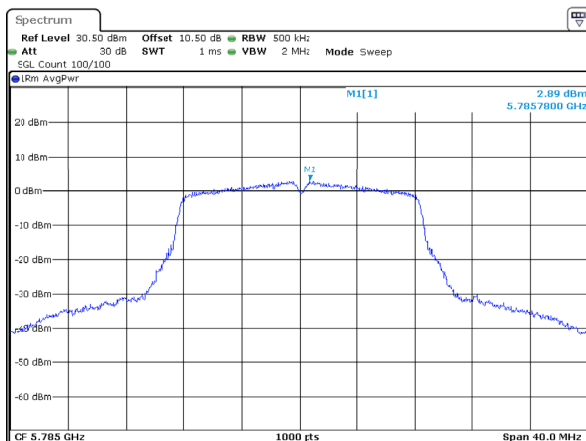
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Date: 9.JAN.2025 01:57:58

802.11a_5745MHz_Chain 1



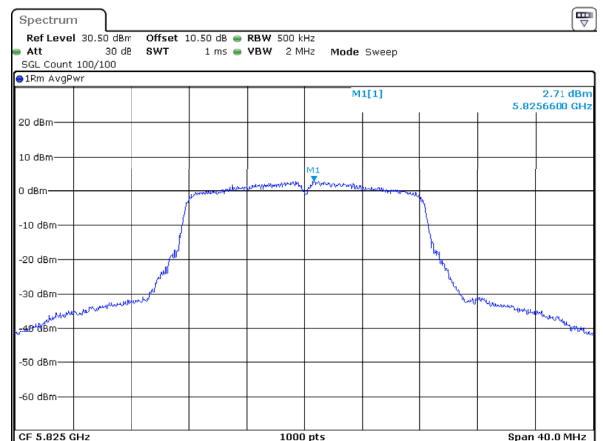
ProjectNo.:2401X28732E-RF Tester:Kungfumaester Liang
Date: 9.JAN.2025 01:29:49

802.11a_5785MHz_Chain 1



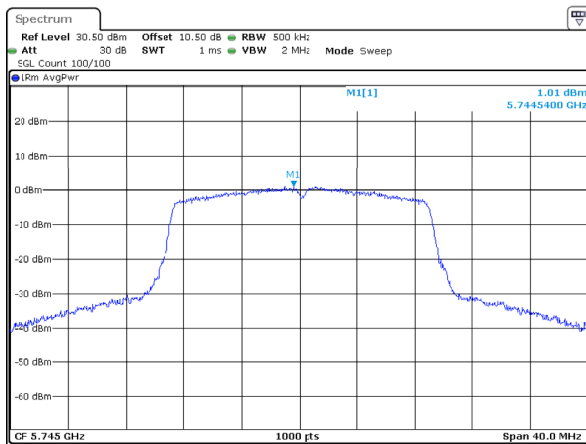
ProjectNo.:2401X28732E-RF Tester:Kungfumaester Liang
Date: 9.JAN.2025 01:32:24

802.11a_5825MHz_Chain 1



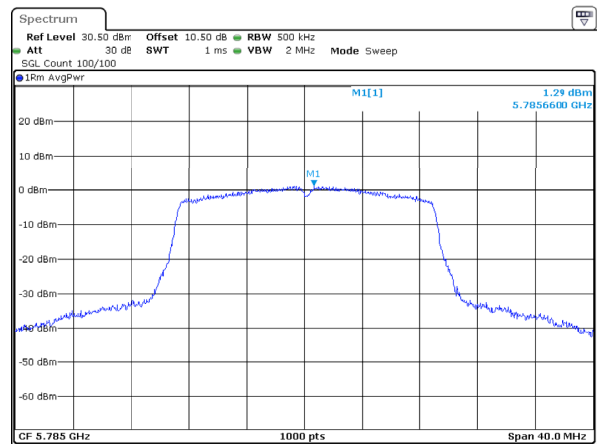
ProjectNo.:2401X28732E-RF Tester:Kungfumaester Liang
Date: 9.JAN.2025 01:34:20

802.11ac20_5745MHz_Chain 0



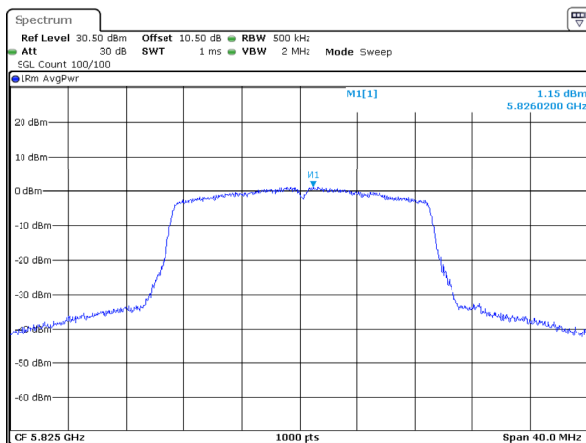
ProjectNo.:2401X28732E-RF Tester:Kungfmaster Liang
Date: 9.JAN.2025 02:00:26

802.11ac20_5785MHz_Chain 0



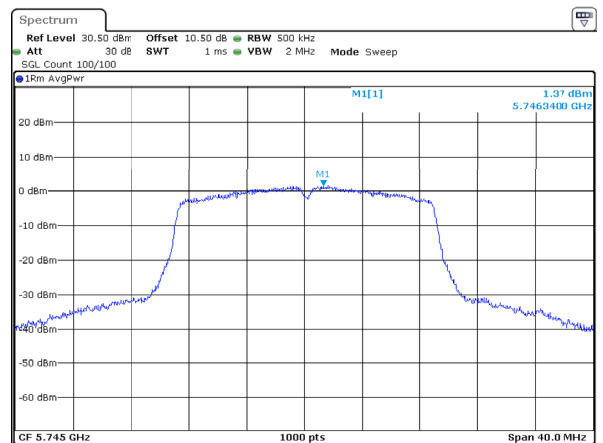
ProjectNo.:2401X28732E-RF Tester:Kungfmaster Liang
Date: 9.JAN.2025 02:03:07

802.11ac20_5825MHz_Chain 0



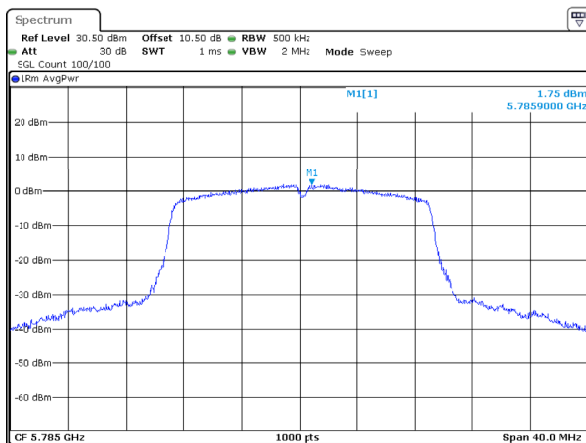
ProjectNo.:2401X28732E-RF Tester:Kungfmaster Liang
Date: 9.JAN.2025 02:05:20

802.11ac20_5745MHz_Chain 1



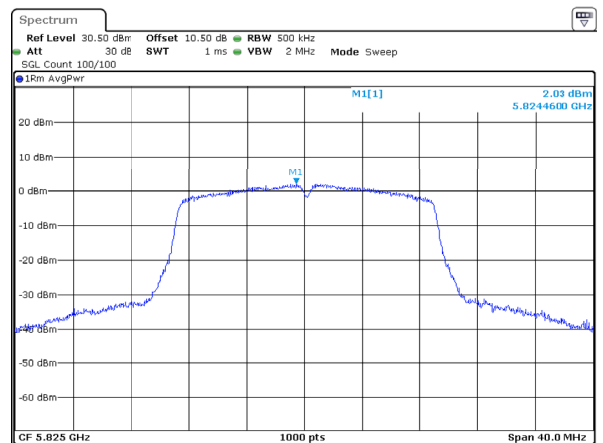
ProjectNo.:2401X28732E-RF Tester:Kungfmaster Liang
Date: 9.JAN.2025 01:36:48

802.11ac20_5785MHz_Chain 1



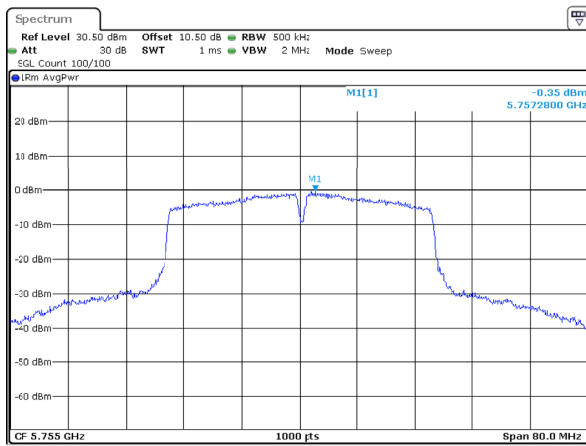
ProjectNo.:2401X28732E-RF Tester:Kungfmaster Liang
Date: 9.JAN.2025 01:40:00

802.11ac20_5825MHz_Chain 1



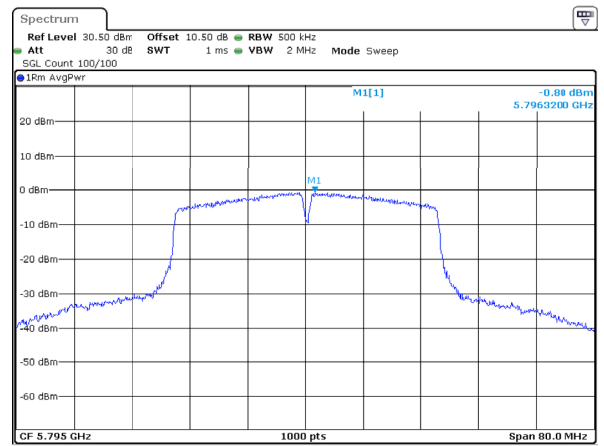
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Date: 9.JAN.2025 01:42:17

802.11ac40_5755MHz_Chain 0



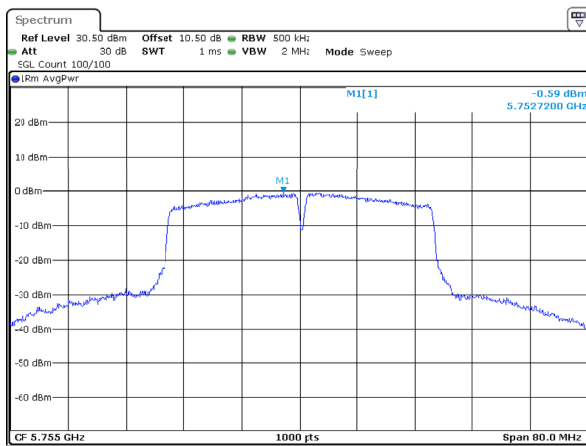
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Date: 9.JAN.2025 02:07:10

802.11ac40_5795MHz_Chain 0



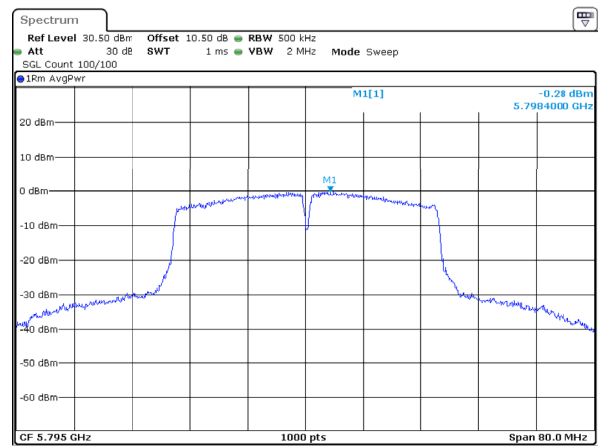
ProjectNo.:2401X28732E-RF Tester:Kungfumaster Liang
Date: 9.JAN.2025 02:08:51

802.11ac40_5755MHz_Chain 1



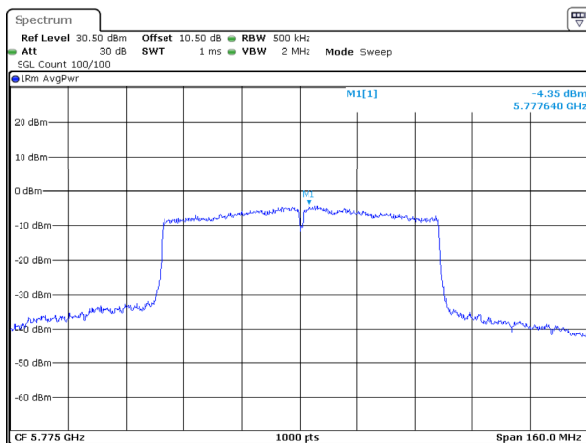
ProjectNo.:2401X28732E-RF Tester:Kungfumaster Liang
Date: 9.JAN.2025 01:44:06

802.11ac40_5795MHz_Chain 1



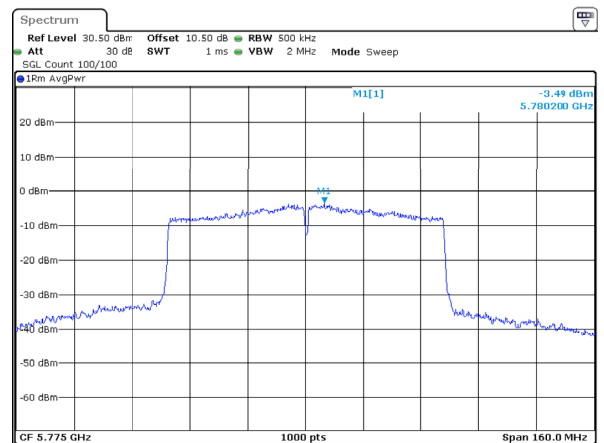
ProjectNo.:2401X28732E-RF Tester:Kungfumaster Liang
Date: 9.JAN.2025 01:45:33

802.11ac80_5775MHz_Chain 0



ProjectNo.:2401X28732E-RF Tester:Kungfumaster Liang
Date: 9.JAN.2025 02:10:50

802.11ac80_5775MHz_Chain 1



ProjectNo.:2401X28732E-RF Tester:Kungfumaster Liang
Date: 9.JAN.2025 01:49:09

Duty Cycle

5150-5250MHz

Mode	Test Frequency (MHz)	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
802.11a	5200	1.388	1.443	96.19	0.17	720	1
802.11ac20	5200	1.306	1.361	95.96	0.18	766	1
802.11ac40	5190	0.652	0.705	92.48	0.34	1534	2
802.11ac80	5210	0.324	0.377	85.94	0.66	3086	5

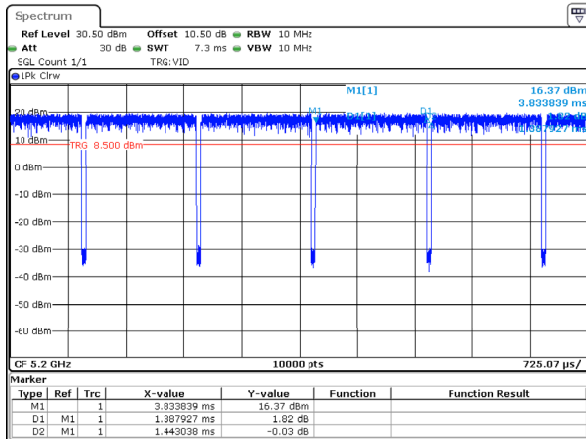
5725-5850MHz

Mode	Test Frequency (MHz)	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
802.11a	5785	1.378	1.433	96.16	0.17	726	1
802.11ac20	5785	1.297	1.351	96.00	0.18	771	1
802.11ac40	5755	0.651	0.705	92.34	0.35	1536	2
802.11ac80	5775	0.324	0.376	86.17	0.65	3086	5

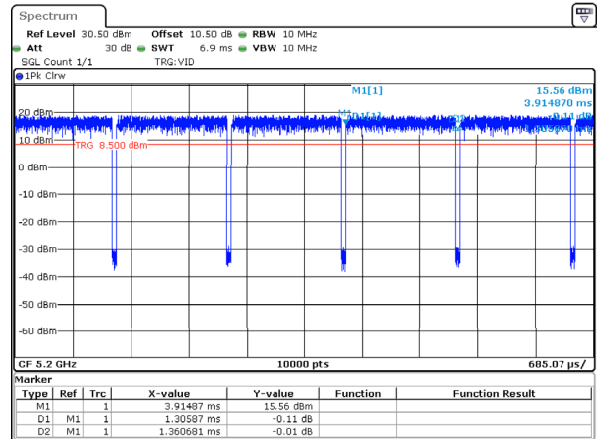
Duty Cycle = Ton/(Ton+Toff)*100%

5150-5250MHz

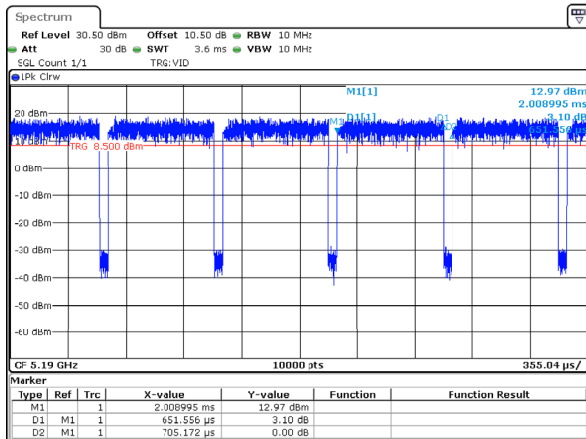
802.11a_5200MHz



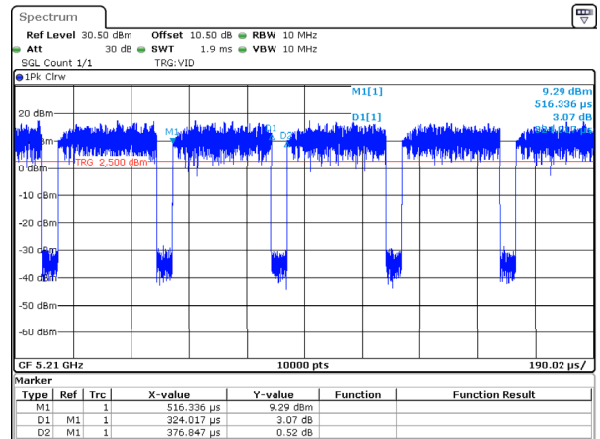
802.11ac20_5200MHz



802.11ac40_5190MHz

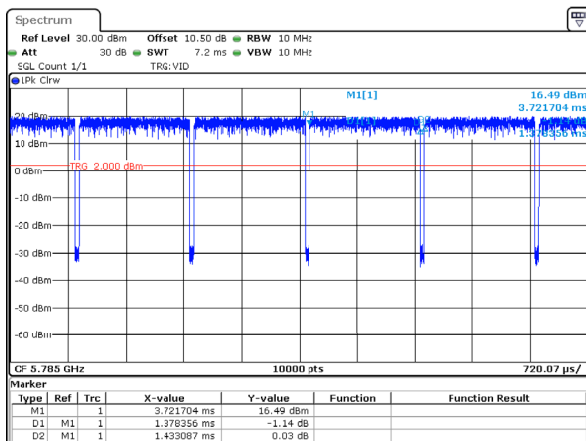


802.11ac80_5210MHz

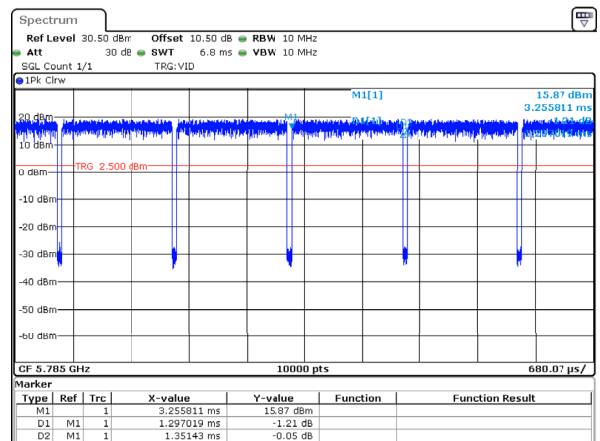


5725-5850MHz

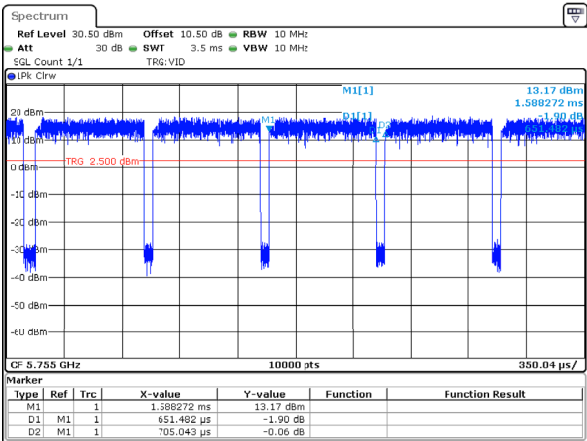
802.11a_5785MHz



802.11ac20_5785MHz

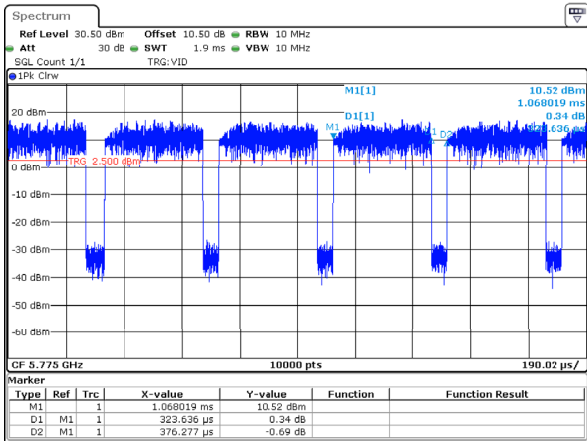


802.11ac40_5755MHz



ProjectNo.:2401X28732E-RF Tester:Kungfumaster Liang
Date: 8.JAN.2025 23:56:46

802.11ac80_5775MHz



ProjectNo.:2401X28732E-RF Tester:Kungfumaster Liang
Date: 8.JAN.2025 23:58:03