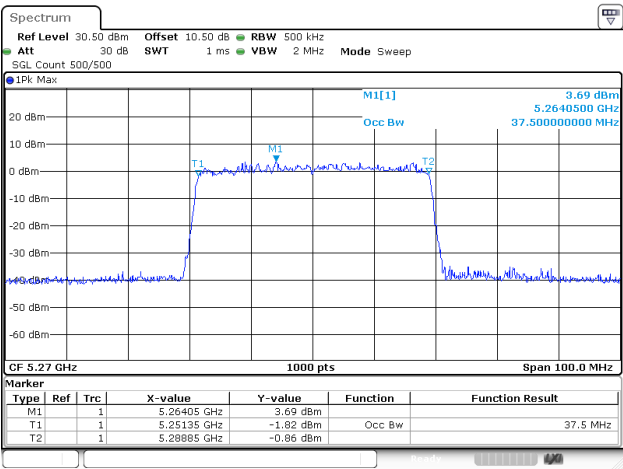
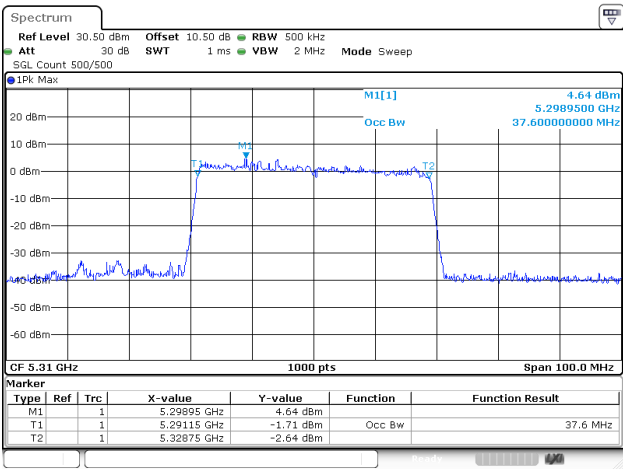


802.11ax40_5270MHz_RU_Full_Chain 0



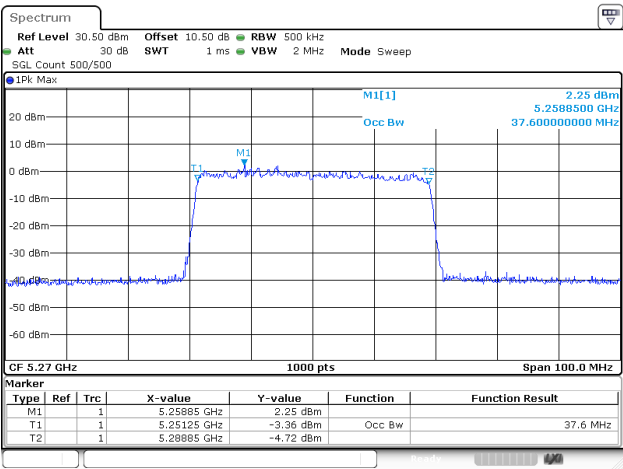
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 27.AUG.2025 22:24:42

802.11ax40_5310MHz_RU_Full_Chain 0



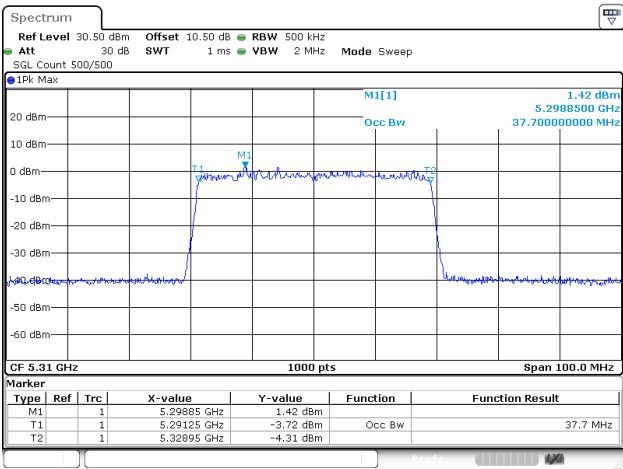
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 27.AUG.2025 22:25:55

802.11ax40_5270MHz_RU_Full_Chain 1



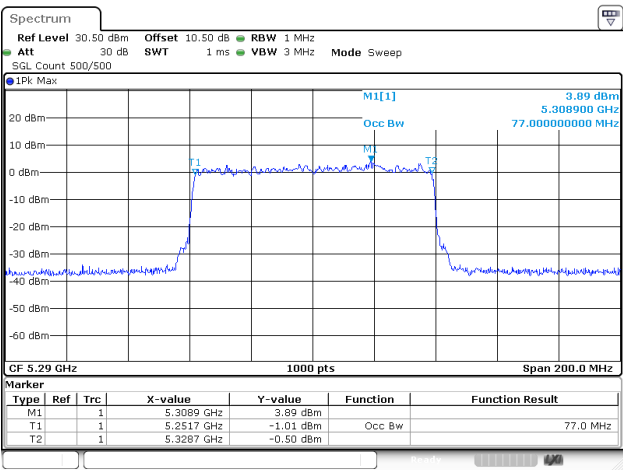
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 1.SEP.2025 20:28:45

802.11ax40_5310MHz_RU_Full_Chain 1



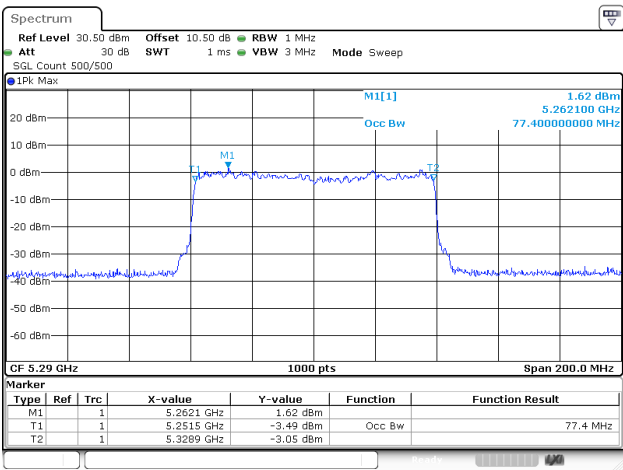
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 1.SEP.2025 20:31:25

802.11ax80_5290MHz_RU_Full_Chain 0



ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 27.AUG.2025 22:27:51

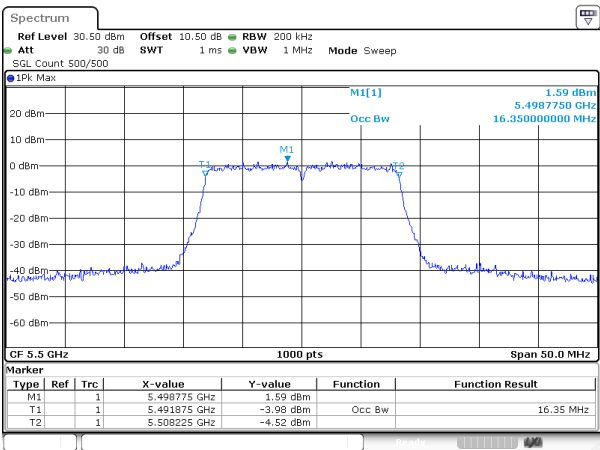
802.11ax80_5290MHz_RU_Full_Chain 1



ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 1.SEP.2025 20:33:30

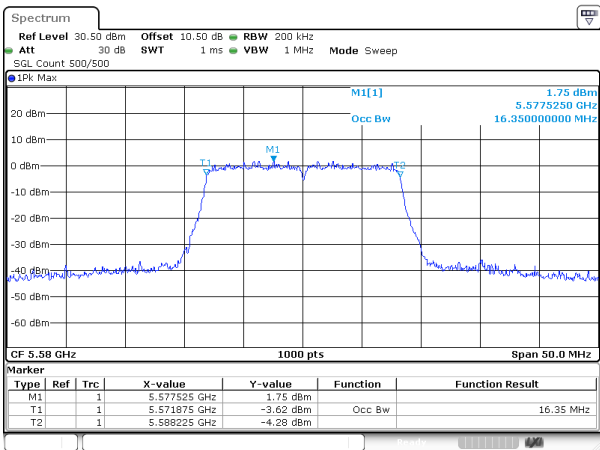
5470-5725MHz

802.11a_5500MHz_Chain 0



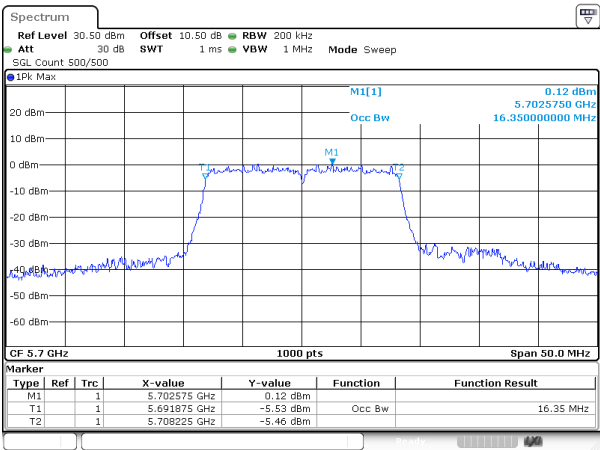
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 27.AUG.2025 22:30:06

802.11a_5580MHz_Chain 0



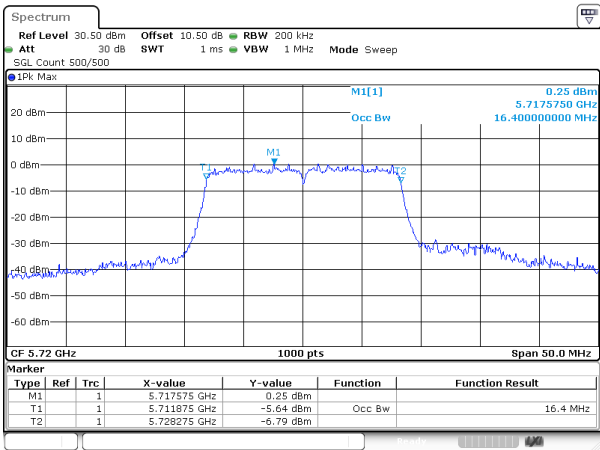
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 27.AUG.2025 22:34:14

802.11a_5700MHz_Chain 0



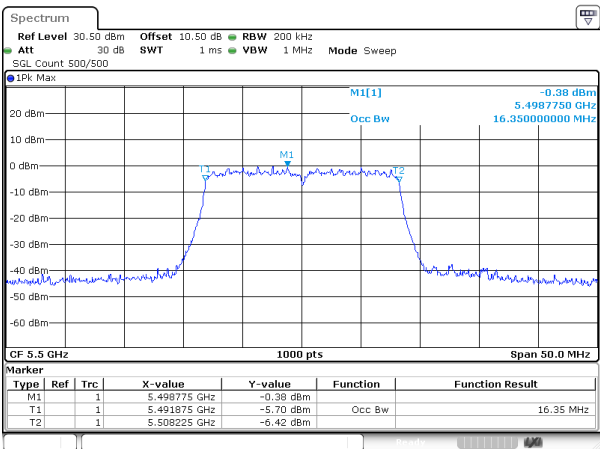
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Date: 27.AUG.2025 22:35:51

802.11a_5720MHz_Chain 0



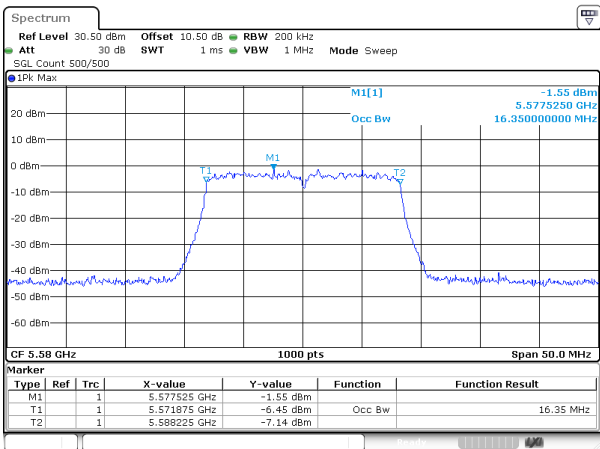
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 27.AUG.2025 22:37:35

802.11a_5500MHz_Chain 1



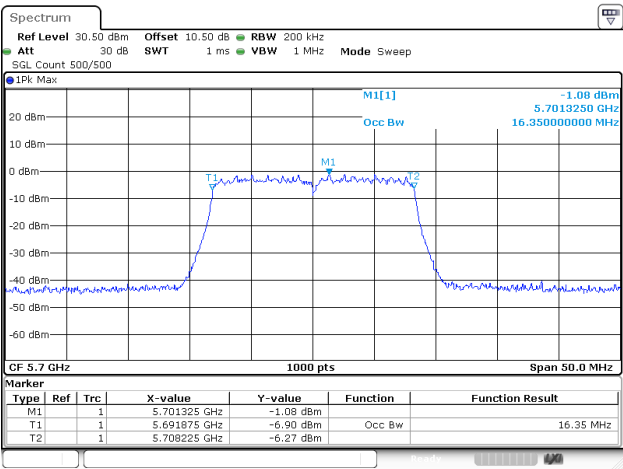
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 1.SEP.2025 20:37:22

802.11a_5580MHz_Chain 1



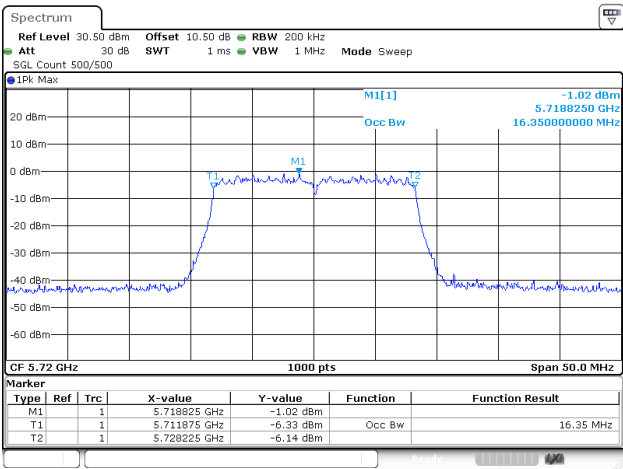
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 1.SEP.2025 20:39:39

802.11a_5700MHz_Chain 1



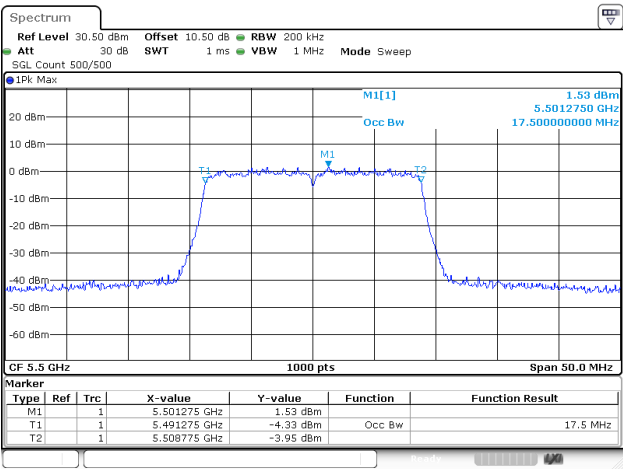
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 1.SEP.2025 20:41:12

802.11a_5720MHz_Chain 1



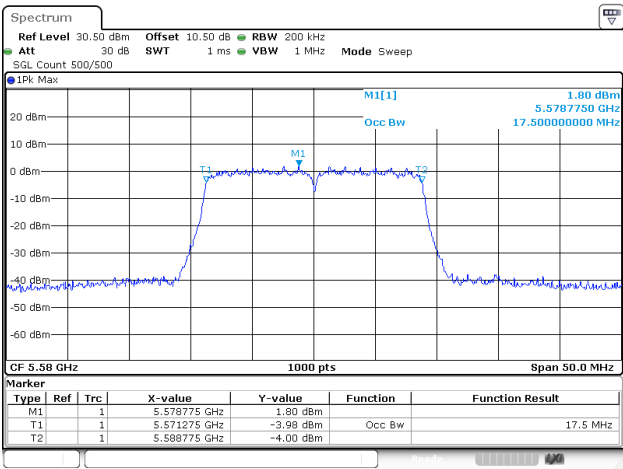
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 1.SEP.2025 20:42:41

802.11ac20_5500MHz_Chain 0



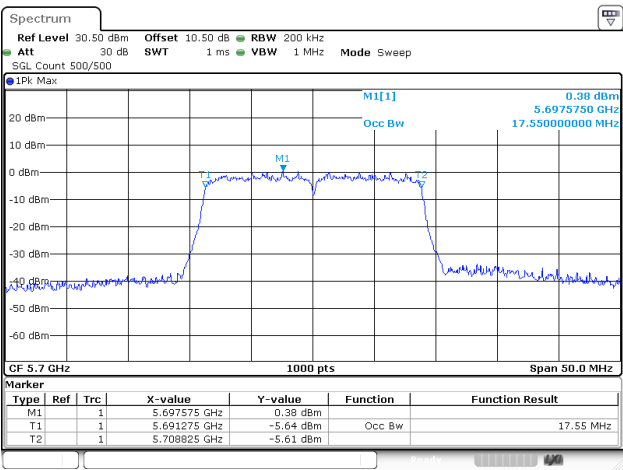
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 27.AUG.2025 22:39:36

802.11ac20_5580MHz_Chain 0



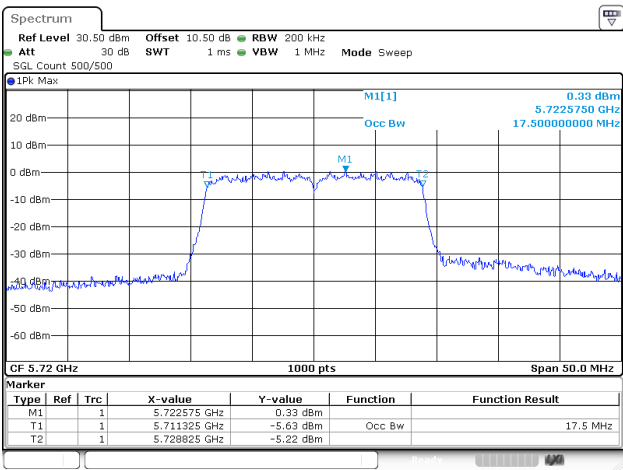
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 27.AUG.2025 22:41:22

802.11ac20_5700MHz_Chain 0



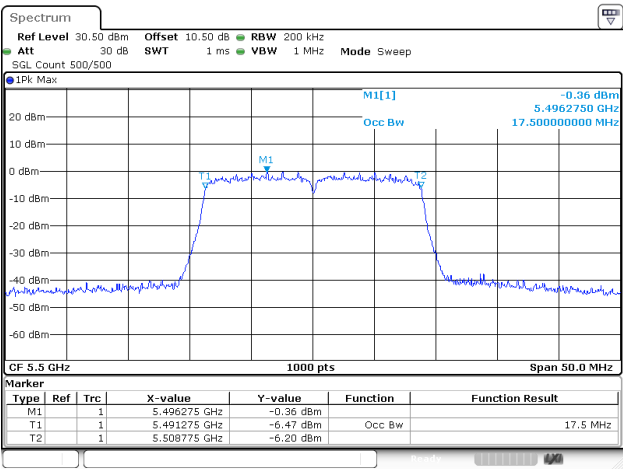
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 27.AUG.2025 22:42:55

802.11ac20_5720MHz_Chain 0



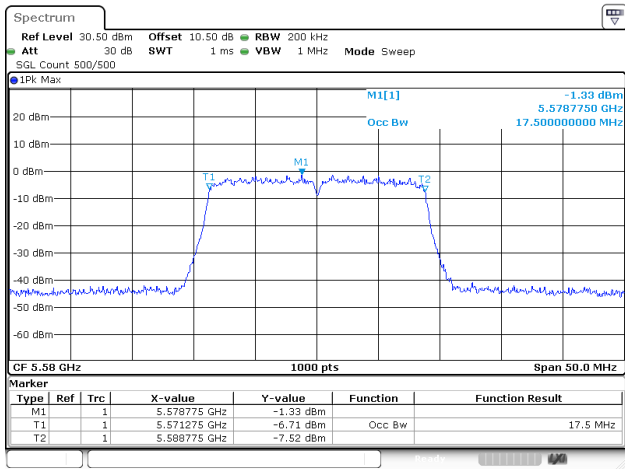
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Date: 27.AUG.2025 22:44:27

802.11ac20_5500MHz_Chain 1



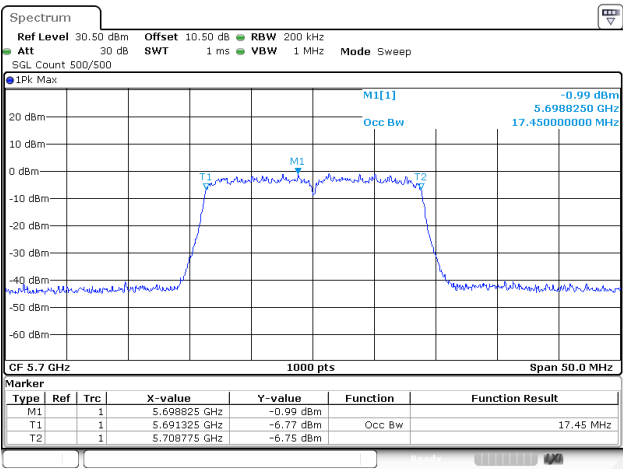
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 1.SEP.2025 20:44:38

802.11ac20_5580MHz_Chain 1



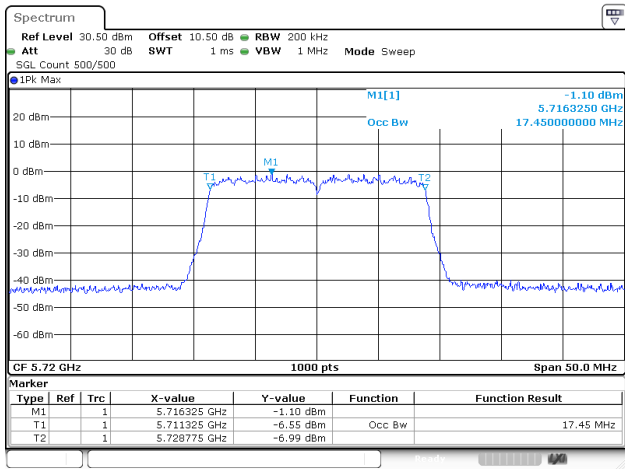
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 1.SEP.2025 20:47:13

802.11ac20_5700MHz_Chain 1



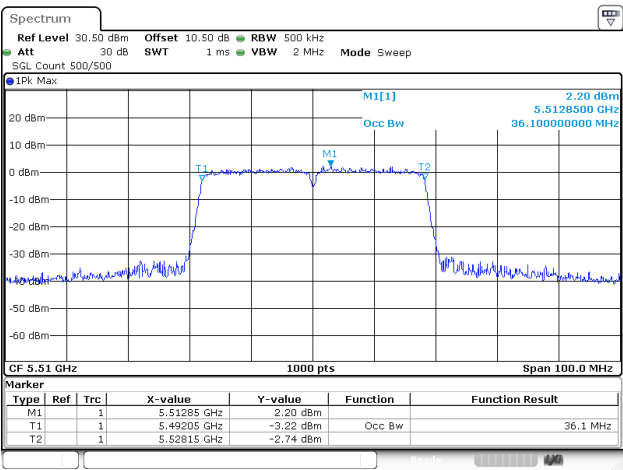
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Date: 1.SEP.2025 20:49:00

802.11ac20_5720MHz_Chain 1



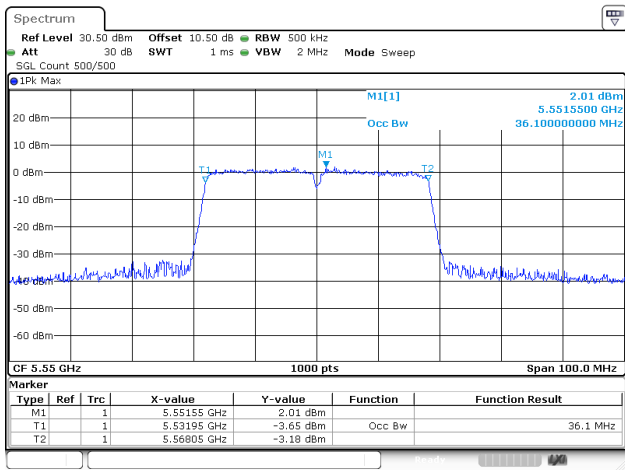
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Date: 1.SEP.2025 20:50:26

802.11ac40_5510MHz_Chain 0



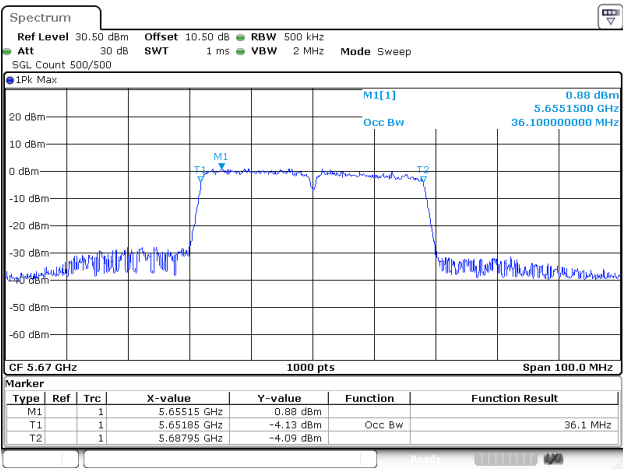
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 27.AUG.2025 22:46:01

802.11ac40_5550MHz_Chain 0



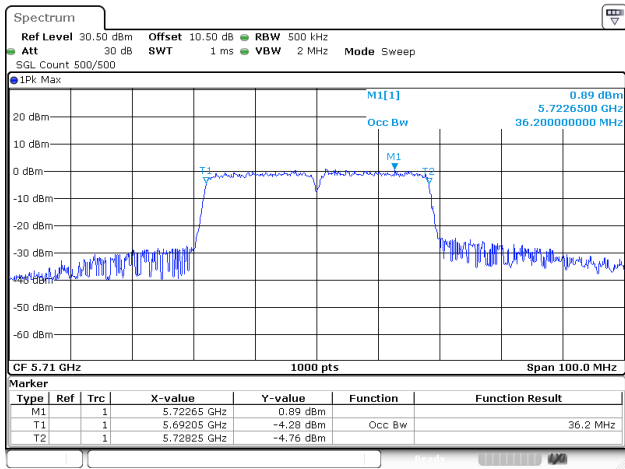
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 27.AUG.2025 22:47:11

802.11ac40_5670MHz_Chain 0



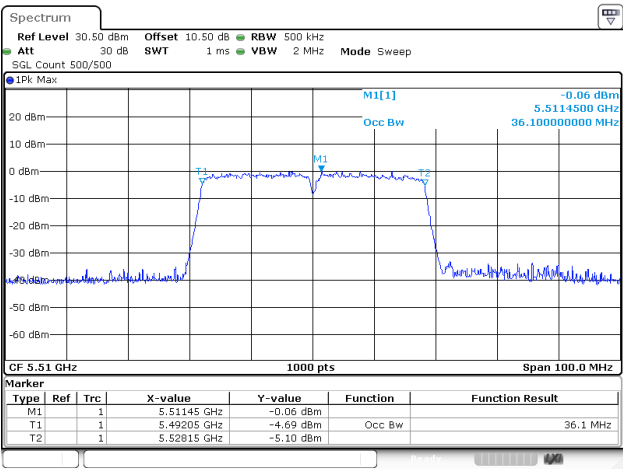
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 27.AUG.2025 22:48:54

802.11ac40_5710MHz_Chain 0



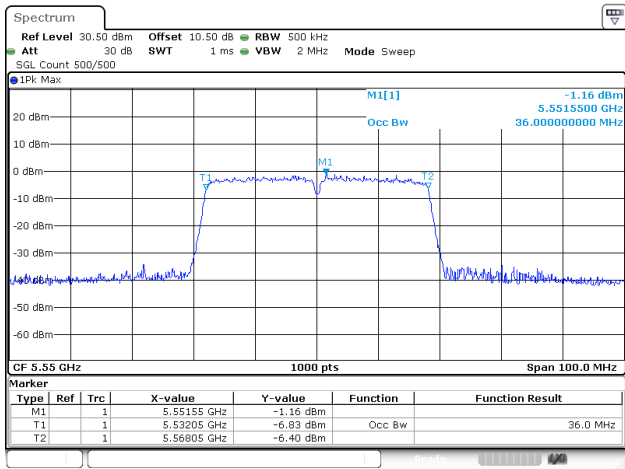
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Date: 27.AUG.2025 23:00:46

802.11ac40_5510MHz_Chain 1



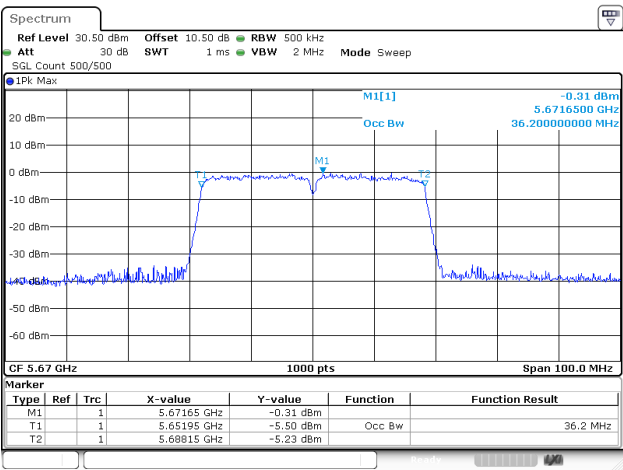
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Date: 1.SEP.2025 20:51:46

802.11ac40_5550MHz_Chain 1



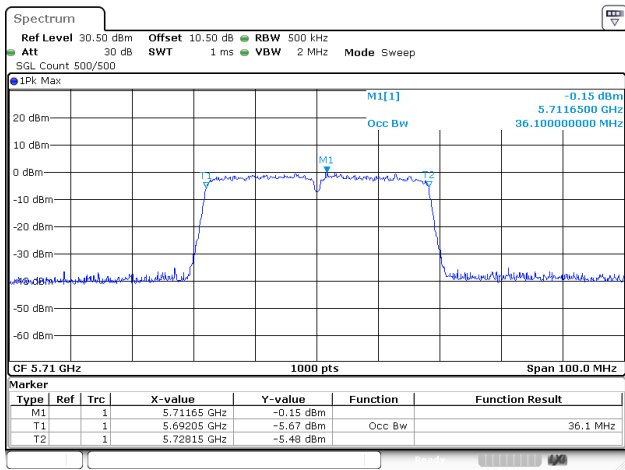
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Date: 1.SEP.2025 20:54:32

802.11ac40_5670MHz_Chain 1



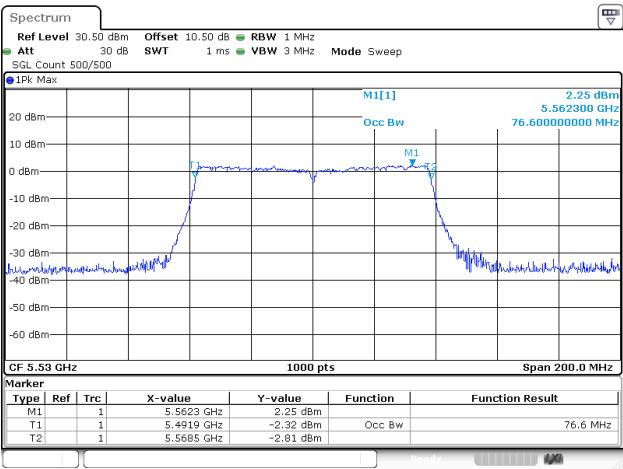
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 1.SEP.2025 21:00:46

802.11ac40_5710MHz_Chain 1



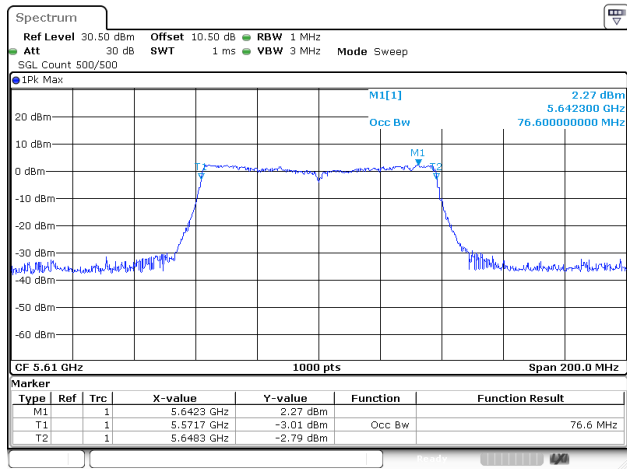
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 1.SEP.2025 21:01:56

802.11ac80_5530MHz_Chain 0



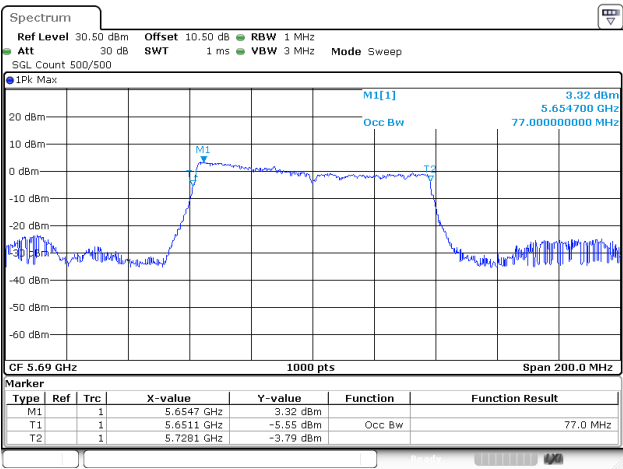
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 27.AUG.2025 23:02:15

802.11ac80_5610MHz_Chain 0



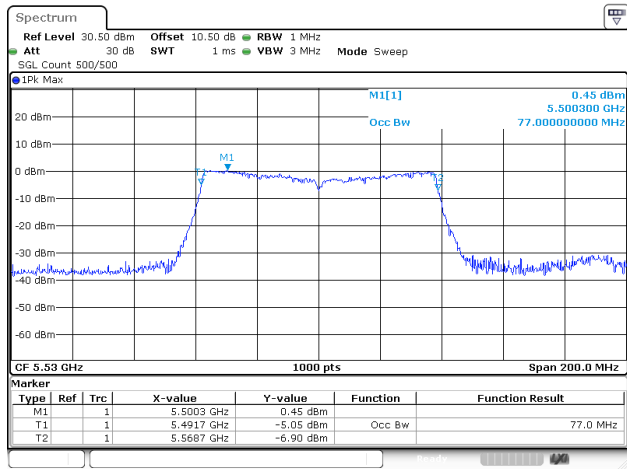
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 27.AUG.2025 23:05:41

802.11ac80_5690MHz_Chain 0



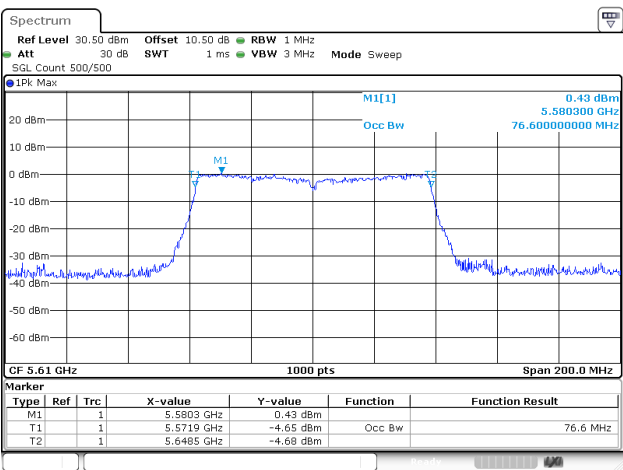
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 27.AUG.2025 23:07:19

802.11ac80_5530MHz_Chain 1



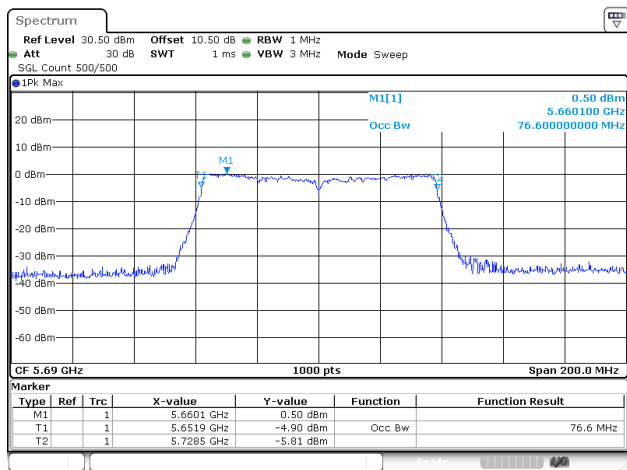
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Date: 1.SEP.2025 21:03:19

802.11ac80_5610MHz_Chain 1



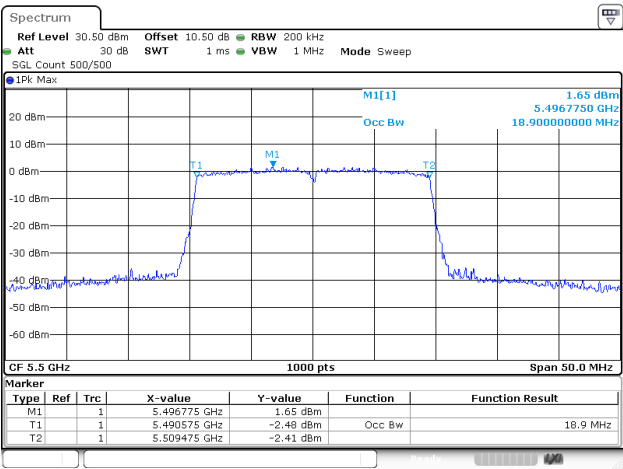
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 1.SEP.2025 21:05:57

802.11ac80_5690MHz_Chain 1



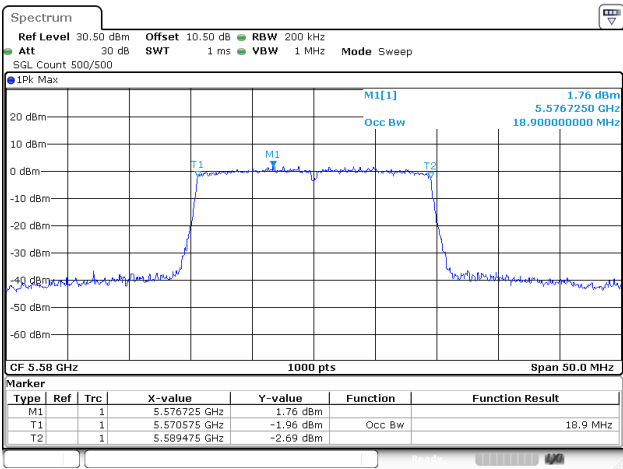
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 1.SEP.2025 21:07:51

802.11ax20_5500MHz_RU_Full_Chain 0



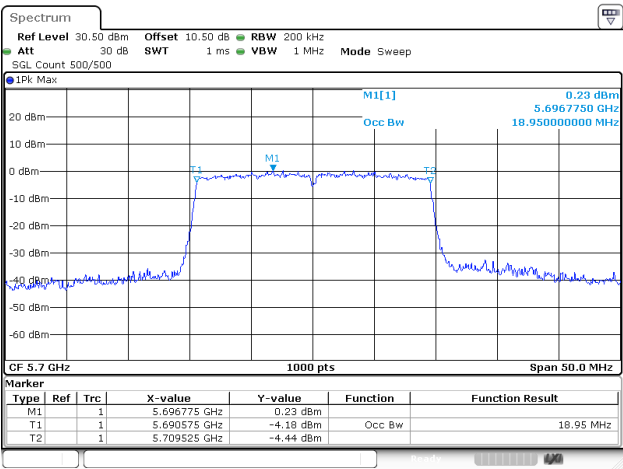
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 27.AUG.2025 23:10:41

802.11ax20_5580MHz_RU_Full_Chain 0



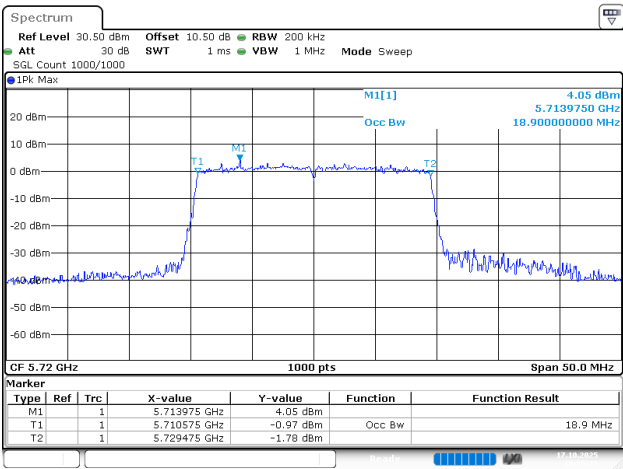
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 27.AUG.2025 23:22:56

802.11ax20_5700MHz_RU_Full_Chain 0



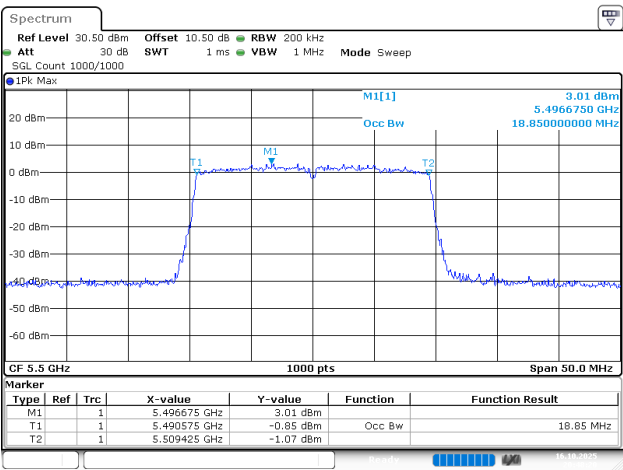
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 27.AUG.2025 23:25:17

802.11ax20_5720MHz_RU_FULL_Chain 0



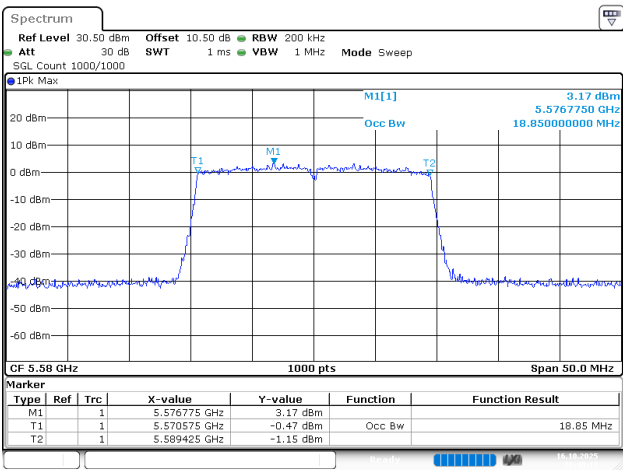
ProjectNo.:2501V14699E-RF Tester:Kungfumaater Liang
Date: 17.OCT.2025 18:55:22

802.11ax20_5500MHz_RU_FULL_Chain 1



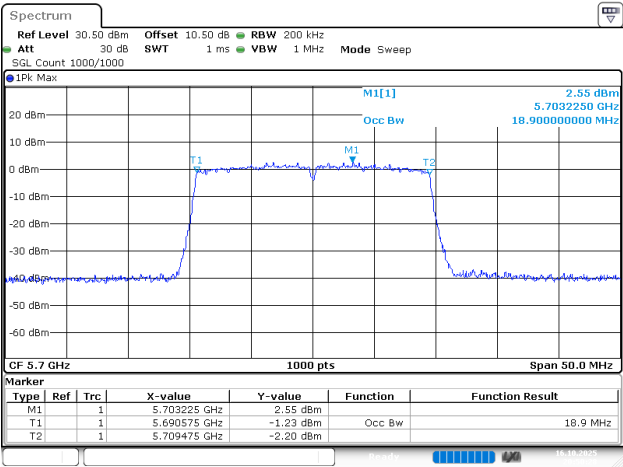
ProjectNo.:2501V14699E-RF Tester:Kungfumaater Liang
Date: 16.OCT.2025 20:48:20

802.11ax20_5580MHz_RU_FULL_Chain 1

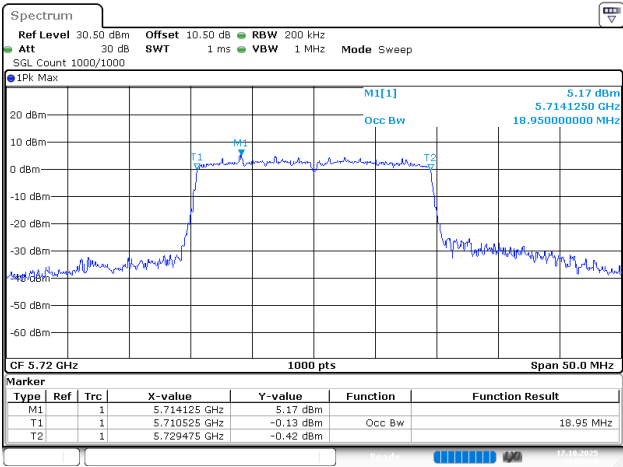


ProjectNo.:2501V14699E-RF Tester:Kungfumaater Liang
Date: 16.OCT.2025 20:49:17

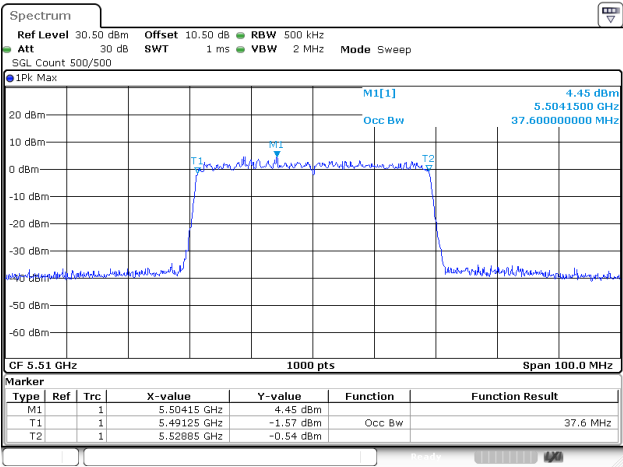
802.11ax20_5700MHz_RU_FULL_Chain 1



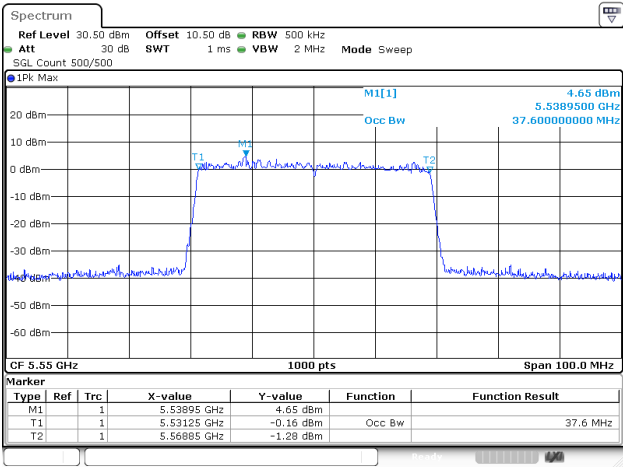
802.11ax20_5720MHz_RU_FULL_Chain 1



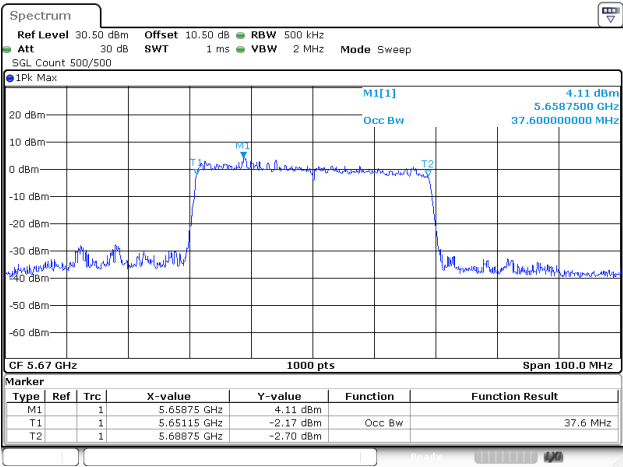
802.11ax40_5510MHz_RU_Full_Chain 0



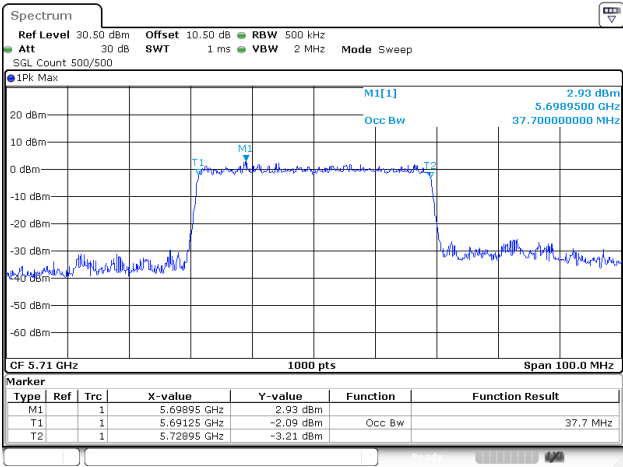
802.11ax40_5550MHz_RU_Full_Chain 0



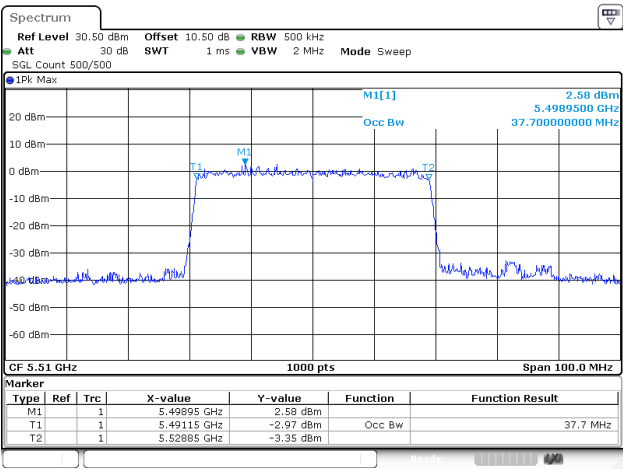
802.11ax40_5670MHz_RU_Full_Chain 0



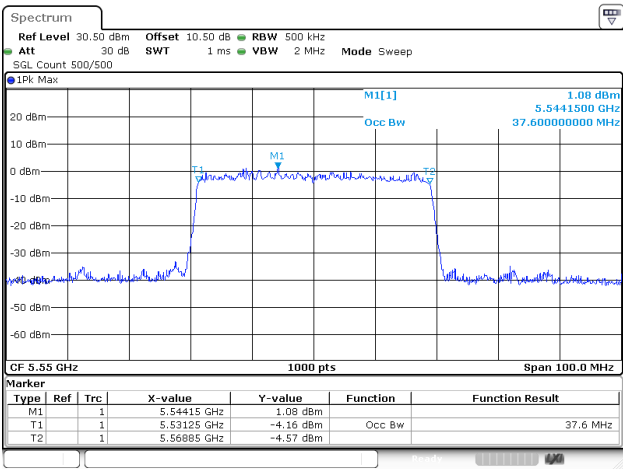
802.11ax40_5710MHz_RU_Full_Chain 0



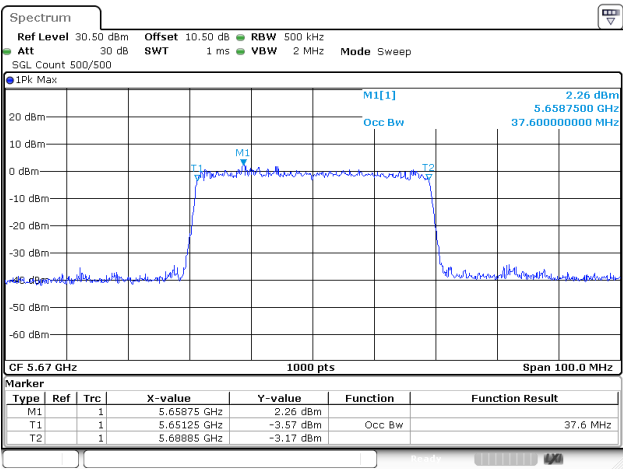
802.11ax40_5510MHz_RU_Full_Chain 1



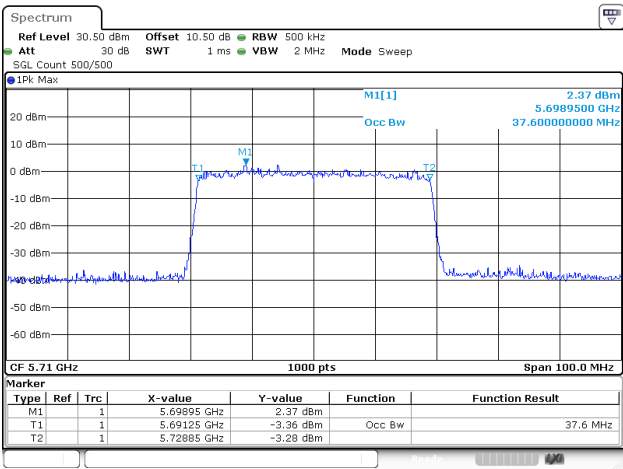
802.11ax40_5550MHz_RU_Full_Chain 1



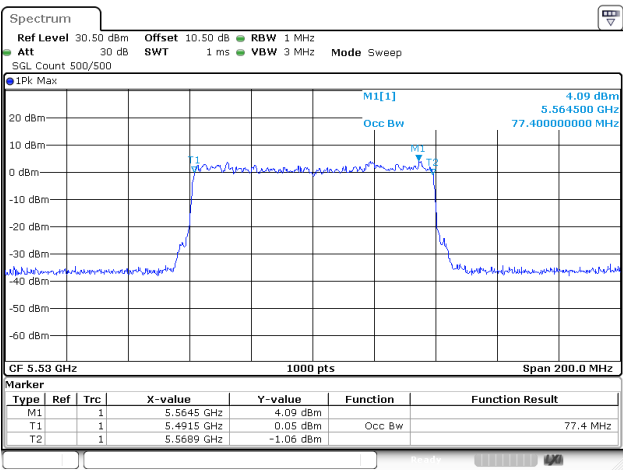
802.11ax40_5670MHz_RU_Full_Chain 1



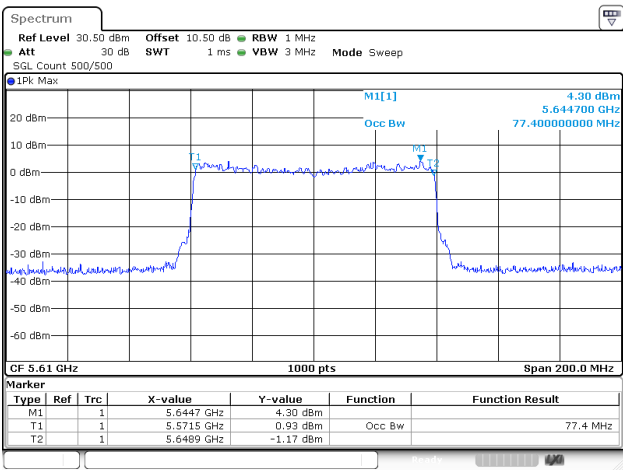
802.11ax40_5710MHz_RU_Full_Chain 1



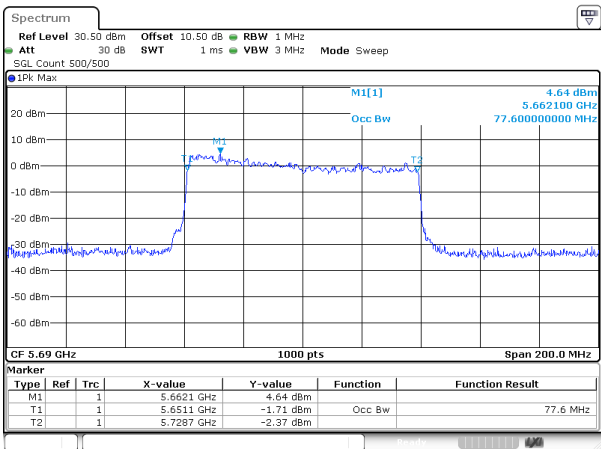
802.11ax80_5530MHz_RU_Full_Chain 0



802.11ax80_5610MHz_RU_Full_Chain 0

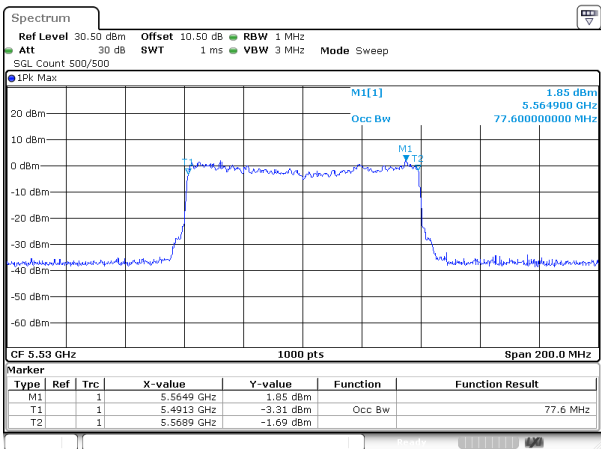


802.11ax80_5690MHz_RU_Full_Chain 0



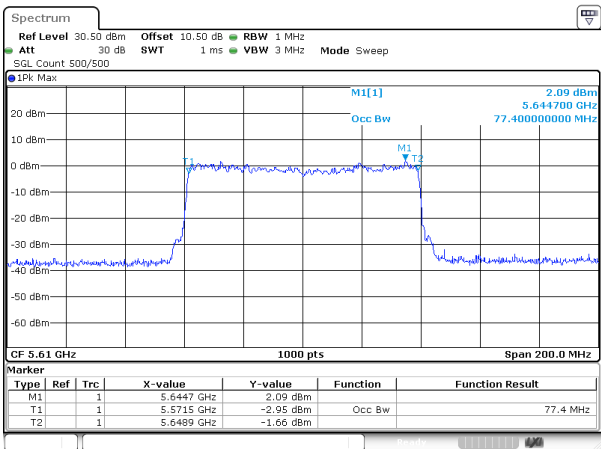
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 27.AUG.2025 23:40:14

802.11ax80_5530MHz_RU_Full_Chain 1



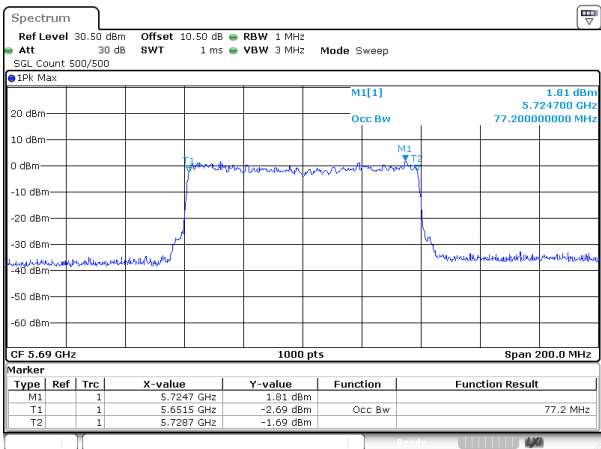
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 1.SEP.2025 21:20:58

802.11ax80_5610MHz_RU_Full_Chain 1



ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 1.SEP.2025 21:22:17

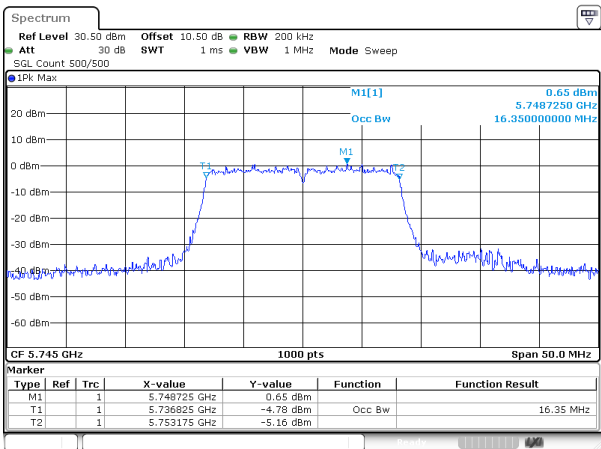
802.11ax80_5690MHz_RU_Full_Chain 1



ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 1.SEP.2025 21:23:49

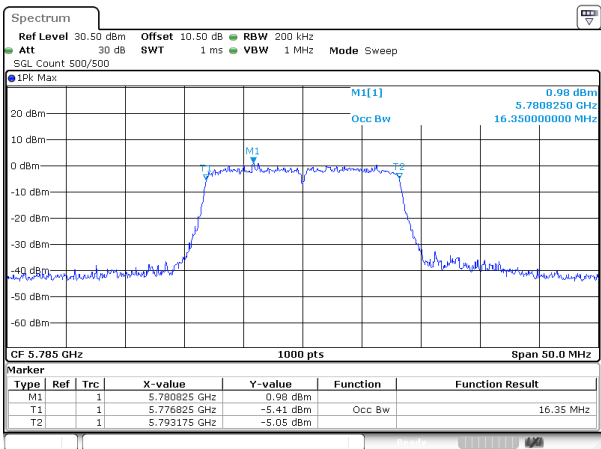
5725-5850MHz

802.11a_5745MHz_Chain 0



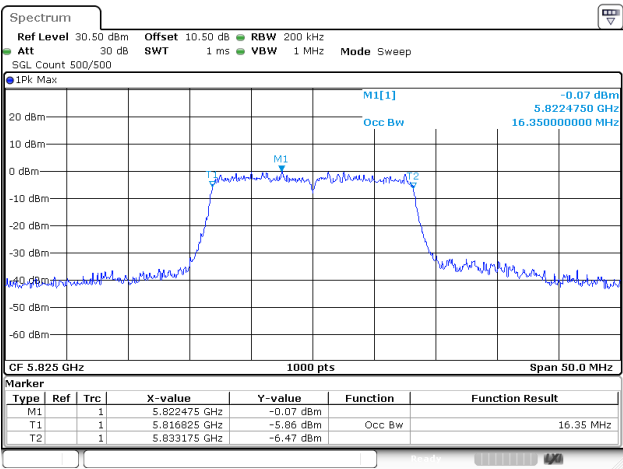
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 31.AUG.2025 21:53:42

802.11a_5785MHz_Chain 0



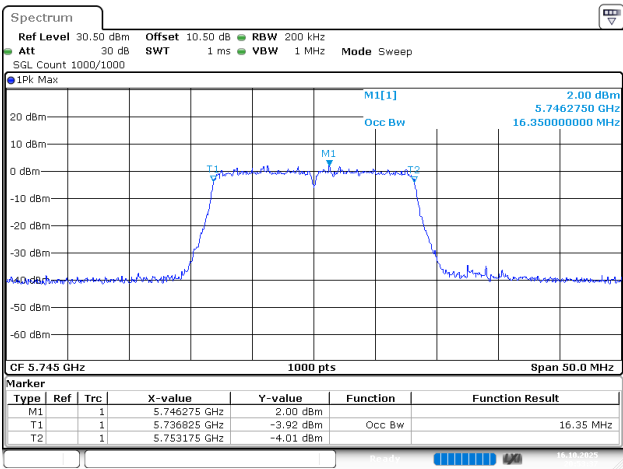
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 31.AUG.2025 21:55:27

802.11a_5825MHz_Chain 0



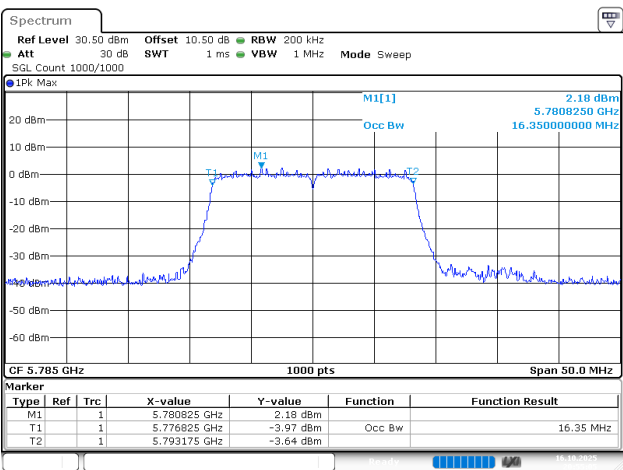
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 31.AUG.2025 21:56:55

802.11a_5745MHz_Chain 1



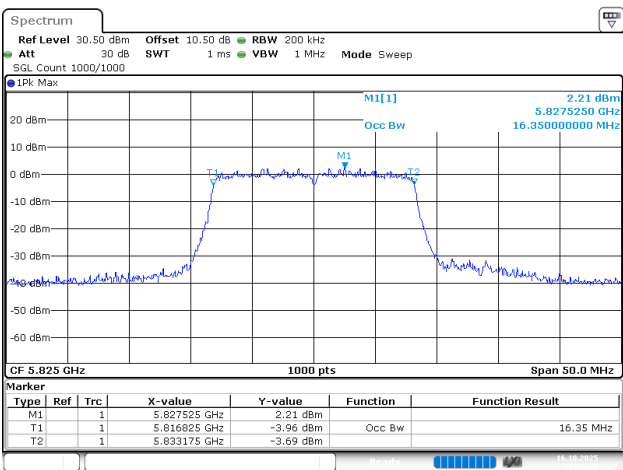
ProjectNo.:2501V14699E-RF Tester:Kungfumastr Liang
Date: 16.OCT.2025 20:53:37

802.11a_5785MHz_Chain 1



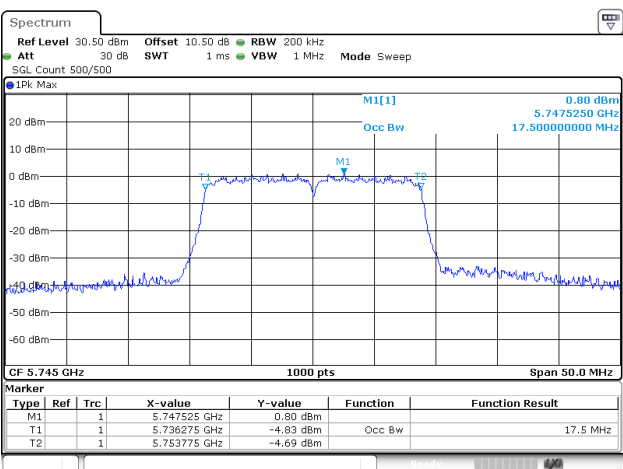
ProjectNo.:2501V14699E-RF Tester:Kungfumastr Liang
Date: 16.OCT.2025 20:55:05

802.11a_5825MHz_Chain 1



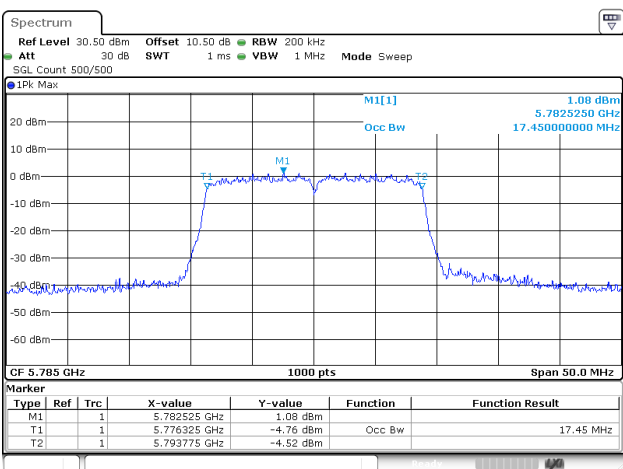
ProjectNo.:2501V14699E-RF Tester:Kungfumastr Liang
Date: 16.OCT.2025 20:55:48

802.11ac20_5745MHz_Chain 0



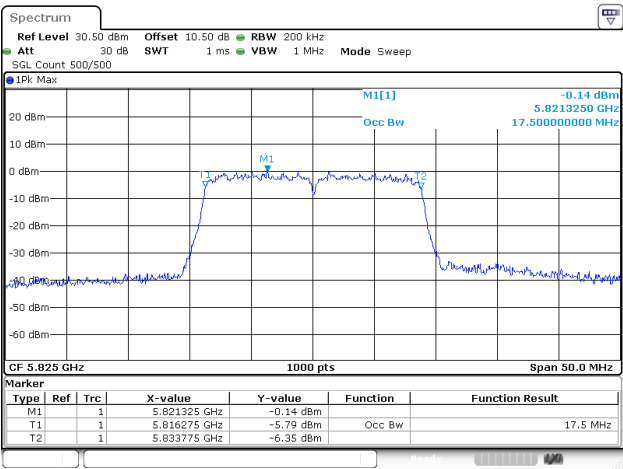
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 31.AUG.2025 22:12:46

802.11ac20_5785MHz_Chain 0



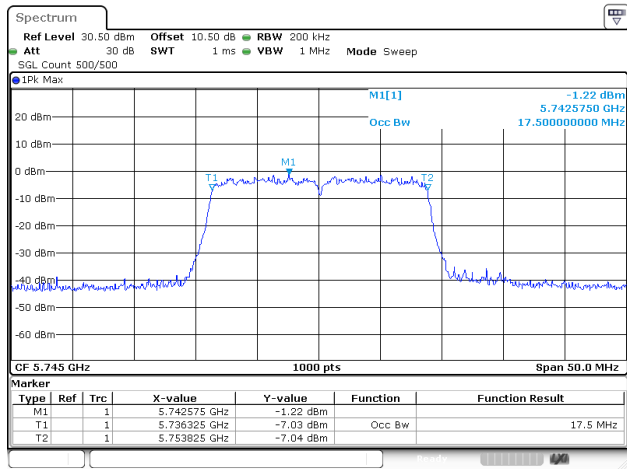
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 31.AUG.2025 22:14:17

802.11ac20_5825MHz_Chain 0



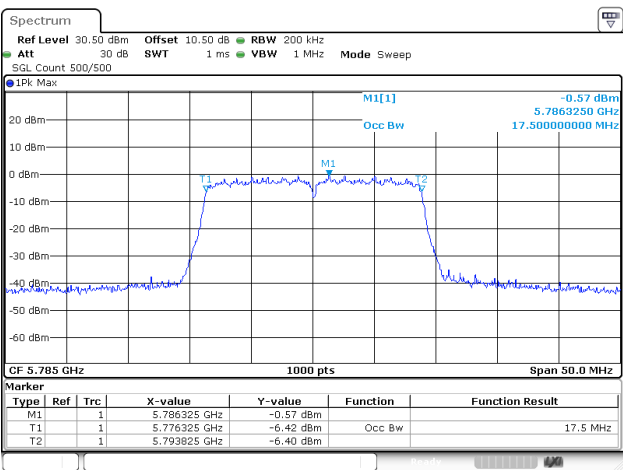
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 31.AUG.2025 22:15:29

802.11ac20_5745MHz_Chain 1



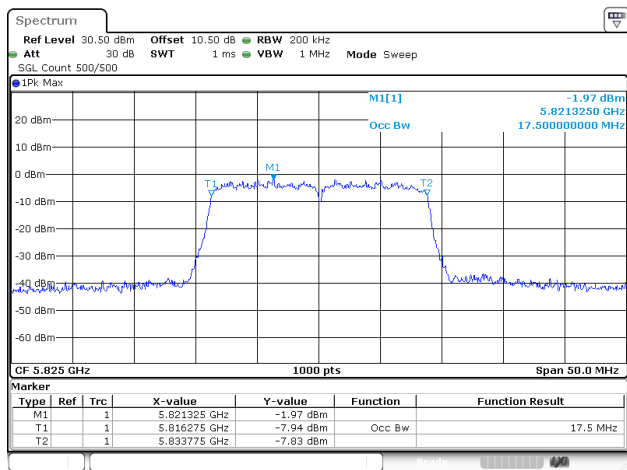
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 31.AUG.2025 22:35:16

802.11ac20_5785MHz_Chain 1



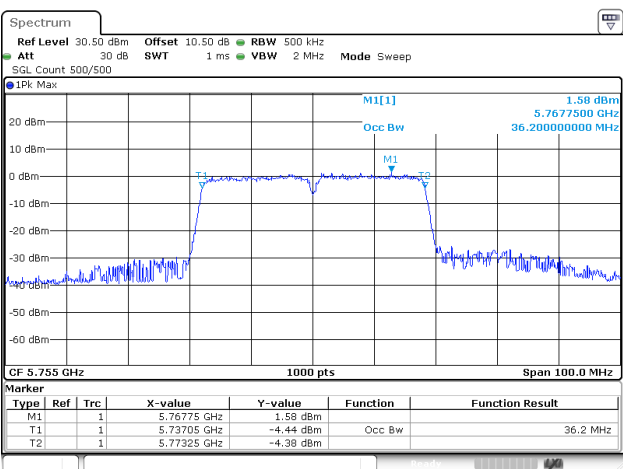
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 31.AUG.2025 22:37:56

802.11ac20_5825MHz_Chain 1



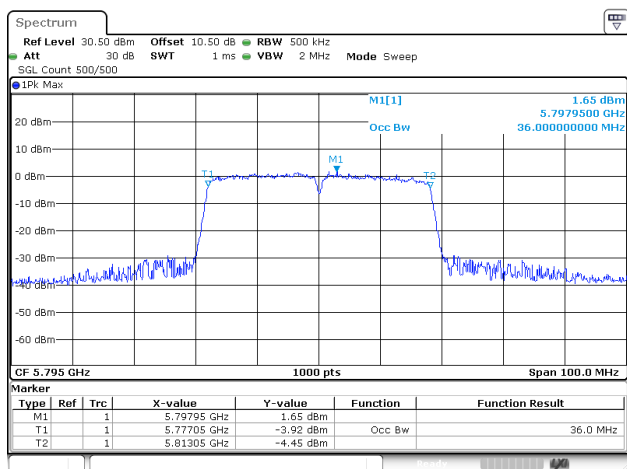
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 31.AUG.2025 22:39:12

802.11ac40_5755MHz_Chain 0



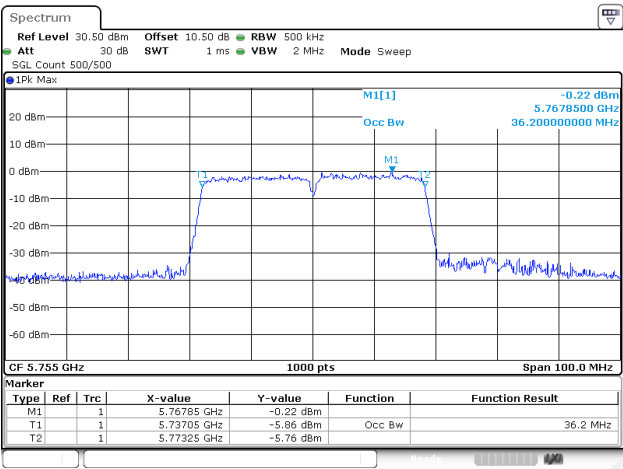
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 31.AUG.2025 22:16:31

802.11ac40_5795MHz_Chain 0



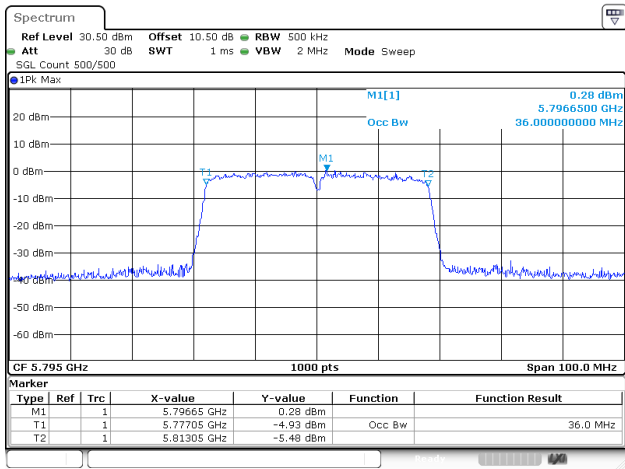
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 31.AUG.2025 22:17:24

802.11ac40_5755MHz_Chain 1



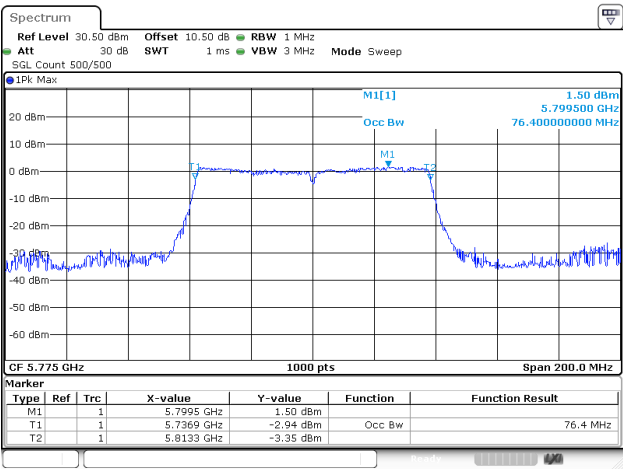
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 31.AUG.2025 22:40:09

802.11ac40_5795MHz_Chain 1



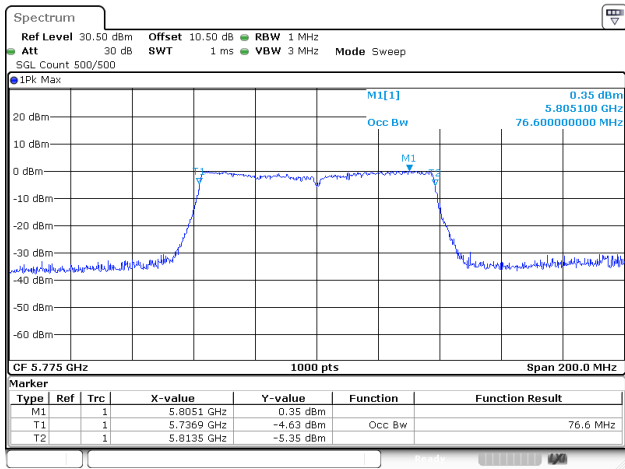
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 31.AUG.2025 22:41:01

802.11ac80_5775MHz_Chain 0



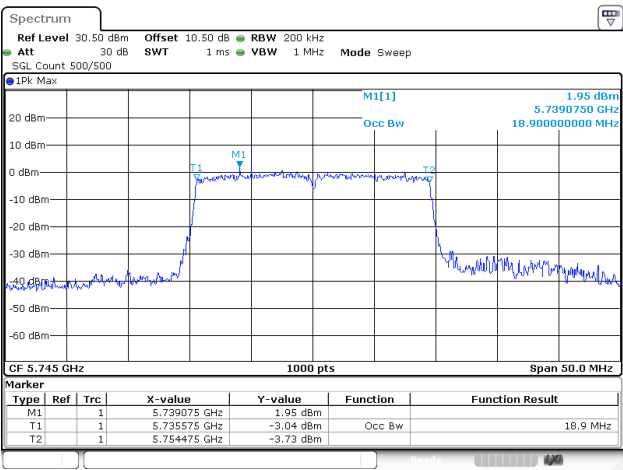
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 31.AUG.2025 22:18:39

802.11ac80_5775MHz_Chain 1



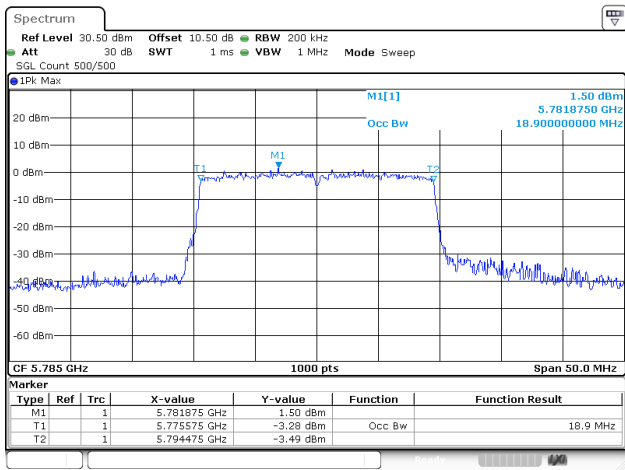
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 31.AUG.2025 22:42:13

802.11ax20_5745MHz_RU_Full_Chain 0



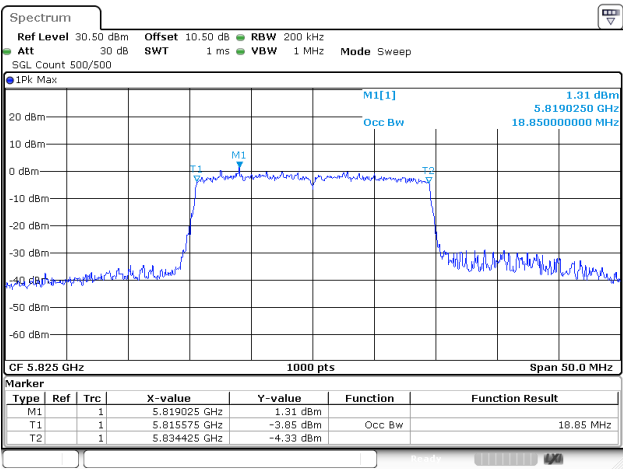
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 31.AUG.2025 22:00:55

802.11ax20_5785MHz_RU_Full_Chain 0



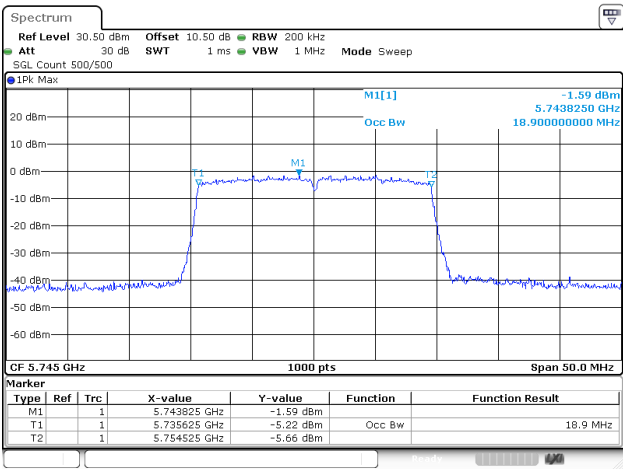
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 31.AUG.2025 22:02:32

802.11ax20_5825MHz_RU_Full_Chain 0



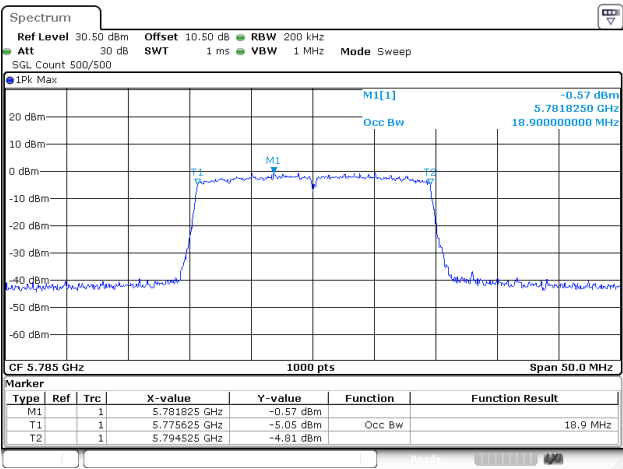
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 31.AUG.2025 22:03:55

802.11ax20_5745MHz_RU_Full_Chain 1



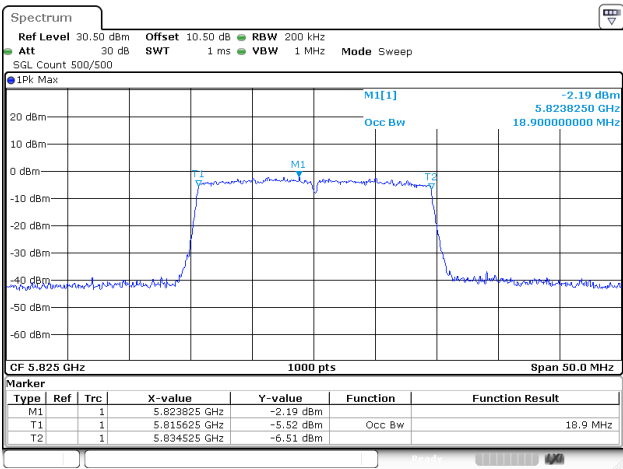
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 31.AUG.2025 22:55:07

802.11ax20_5785MHz_RU_Full_Chain 1



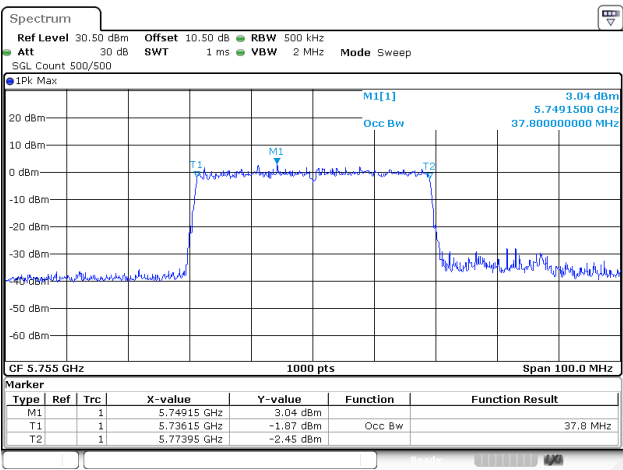
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 31.AUG.2025 22:56:51

802.11ax20_5825MHz_RU_Full_Chain 1



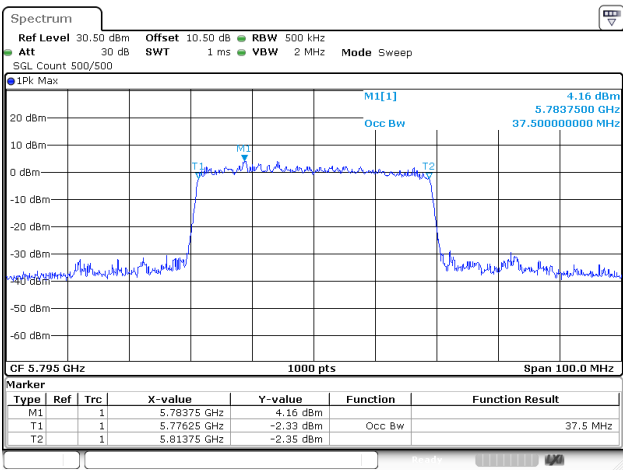
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 31.AUG.2025 22:58:03

802.11ax40_5755MHz_RU_Full_Chain 0



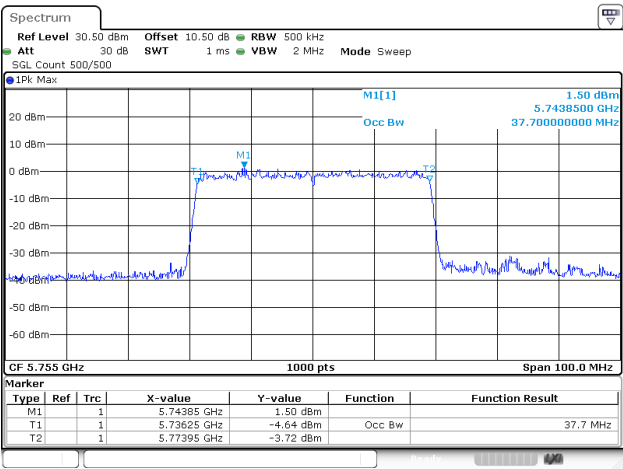
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 31.AUG.2025 22:05:08

802.11ax40_5795MHz_RU_Full_Chain 0



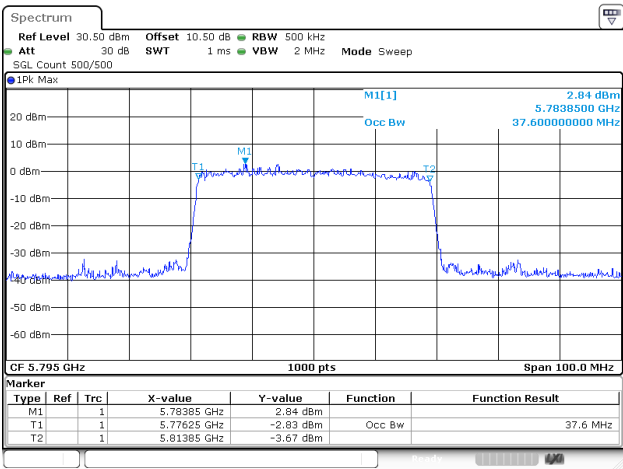
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 31.AUG.2025 22:06:03

802.11ax40_5755MHz_RU_Full_Chain 1



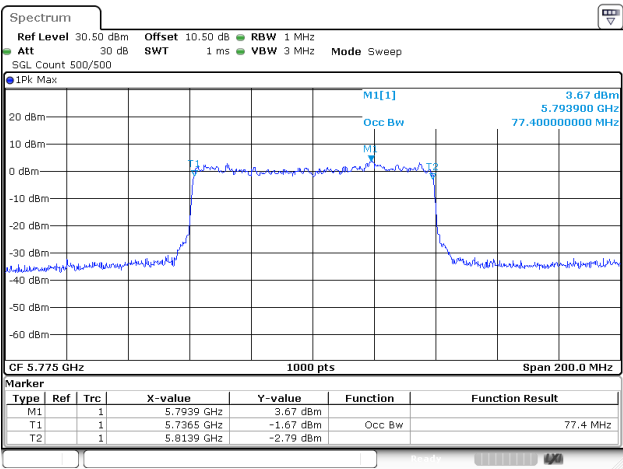
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 31.AUG.2025 22:59:18

802.11ax40_5795MHz_RU_Full_Chain 1



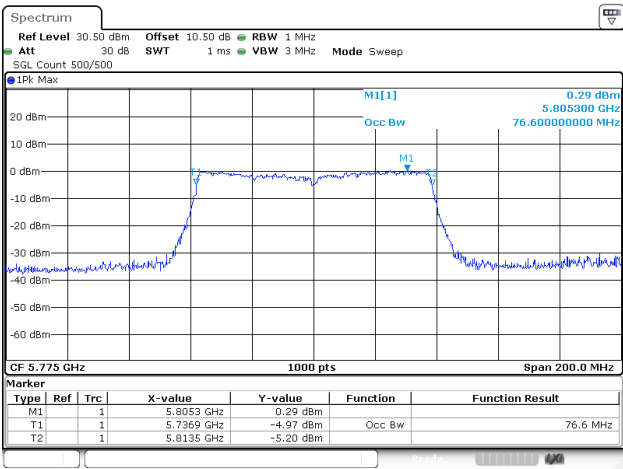
ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 31.AUG.2025 23:00:35

802.11ax80_5775MHz_RU_Full_Chain 0



ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 31.AUG.2025 22:07:05

802.11ax80_5775MHz_RU_Full_Chain 1



ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 31.AUG.2025 23:01:39

Maximum Conducted Output Power**5150-5250MHz**

Mode	Antenna	Test Frequency (MHz)	Average Output Power(dBm)	FCC Limit (dBm)	EIRP(dBm)		Verdict
					Result	IC Limit	
802.11a	Chain 0	5180	11.15	23.98	14.54	22.14	Pass
		5200	10.96	23.98	14.35	22.12	Pass
		5240	11.02	23.98	14.41	22.14	Pass
	Chain 1	5180	9.06	23.98	10.40	22.12	Pass
		5200	8.56	23.98	9.90	22.12	Pass
		5240	6.90	23.98	8.24	22.14	Pass
802.11ac20	Chain 0	5180	11.07	23.98	14.46	22.43	Pass
		5200	10.91	23.98	14.30	22.43	Pass
		5240	10.94	23.98	14.33	22.42	Pass
	Chain 1	5180	9.07	23.98	10.41	22.42	Pass
		5200	8.68	23.98	10.02	22.42	Pass
		5240	6.88	23.98	8.22	22.43	Pass
	Total	5180	13.19	23.98	18.63	22.42	Pass
		5200	12.95	23.98	18.39	22.42	Pass
		5240	12.38	23.98	17.82	22.42	Pass
802.11ac40	Chain 0	5190	10.82	23.98	14.21	23.01	Pass
		5230	10.74	23.98	14.13	23.01	Pass
	Chain 1	5190	9.12	23.98	10.46	23.01	Pass
		5230	7.14	23.98	8.48	23.01	Pass
	Total	5190	13.06	23.98	18.50	23.01	Pass
		5230	12.31	23.98	17.75	23.01	Pass
802.11ac80	Chain 0	5210	11.05	23.98	14.44	23.01	Pass
	Chain 1	5210	8.18	23.98	9.52	23.01	Pass
	Total	5210	12.86	23.98	18.30	23.01	Pass

Mode	Antenna	Test Frequency (MHz)	Average Output Power(dBm)	FCC Limit (dBm)	EIRP(dBm)		Verdict
					Result	IC Limit	
802.11ax20_RU_Ful 1	Chain 0	5180	11.26	23.98	14.65	22.76	Pass
		5200	10.93	23.98	14.32	22.76	Pass
		5240	11.08	23.98	14.47	22.76	Pass
	Chain 1	5180	9.19	23.98	10.53	22.75	Pass
		5200	8.89	23.98	10.23	22.76	Pass
		5240	7.04	23.98	8.38	22.76	Pass
	Total	5180	13.36	23.98	18.80	22.75	Pass
		5200	13.04	23.98	18.48	22.76	Pass
		5240	12.52	23.98	17.96	22.76	Pass
802.11ax40_RU_Ful 1	Chain 0	5190	11.02	23.98	14.41	23.01	Pass
		5230	10.91	23.98	14.30	23.01	Pass
	Chain 1	5190	9.23	23.98	10.57	23.01	Pass
		5230	7.38	23.98	8.72	23.01	Pass
	Total	5190	13.23	23.98	18.67	23.01	Pass
		5230	12.50	23.98	17.94	23.01	Pass
802.11ax80_RU_Ful 1	Chain 0	5210	11.00	23.98	14.39	23.01	Pass
	Chain 1	5210	8.31	23.98	9.65	23.01	Pass
	Total	5210	12.87	23.98	18.31	23.01	Pass

Note: For 802.11n/ac/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;

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.

Chain 0 Gain:	3.39	dBi	Directional gain:	5.44	dBi
Chain 1 Gain:	1.34	dBi			

5250-5350MHz

Mode	Antenna	Test Frequency (MHz)	Average Output Power(dBm)			EIRP (dBm)		Verdict
			Result	FCC Limit	IC Limit	Result	IC Limit	
802.11a	Chain 0	5260	11.41	23.98	23.14	13.51	29.14	Pass
		5280	11.41	23.98	23.14	13.51	29.14	Pass
		5320	11.01	23.98	23.14	13.11	29.14	Pass
	Chain 1	5260	11.02	23.98	23.12	10.69	29.12	Pass
		5280	10.87	23.98	23.14	10.54	29.14	Pass
		5320	11.21	23.98	23.14	10.88	29.14	Pass
802.11ac20	Chain 0	5260	11.37	23.98	23.43	13.47	29.43	Pass
		5280	11.36	23.98	23.43	13.46	29.43	Pass
		5320	11.13	23.98	23.43	13.23	29.43	Pass
	Chain 1	5260	10.96	23.98	23.42	10.63	29.42	Pass
		5280	11.32	23.98	23.43	10.99	29.43	Pass
		5320	11.24	23.98	23.43	10.91	29.43	Pass
	Total	5260	14.18	23.98	23.42	18.16	29.42	Pass
		5280	14.35	23.98	23.43	18.33	29.43	Pass
		5320	14.20	23.98	23.43	18.18	29.43	Pass
802.11ac40	Chain 0	5270	11.14	23.98	23.98	13.24	29.98	Pass
		5310	10.91	23.98	23.98	13.01	29.98	Pass
	Chain 1	5270	10.33	23.98	23.98	10.00	29.98	Pass
		5310	10.28	23.98	23.98	9.95	29.98	Pass
	Total	5270	13.76	23.98	23.98	17.74	29.98	Pass
		5310	13.62	23.98	23.98	17.60	29.98	Pass
802.11ac80	Chain 0	5290	11.19	23.98	23.98	13.29	29.98	Pass
	Chain 1	5290	10.69	23.98	23.98	10.36	29.98	Pass
	Total	5290	13.96	23.98	23.98	17.94	29.98	Pass

Mode	Antenna	Test Frequency (MHz)	Average Output Power(dBm)			EIRP (dBm)		Verdict
			Result	FCC Limit	IC Limit	Result	IC Limit	
802.11ax20 _RU_FULL	Chain 0	5260	11.02	23.98	23.76	13.12	29.76	Pass
		5280	11.47	23.98	23.76	13.57	29.76	Pass
		5320	11.24	23.98	23.76	13.34	29.76	Pass
	Chain 1	5260	11.43	23.98	23.75	11.10	29.75	Pass
		5280	11.49	23.98	23.75	11.16	29.75	Pass
		5320	11.04	23.98	23.76	10.71	29.76	Pass
	Total	5260	14.24	23.98	23.75	18.22	29.75	Pass
		5280	14.49	23.98	23.75	18.47	29.75	Pass
		5320	14.15	23.98	23.76	18.13	29.76	Pass
802.11ax40 _RU_FULL	Chain 0	5270	11.31	23.98	23.98	13.41	29.98	Pass
		5310	11.01	23.98	23.98	13.11	29.98	Pass
	Chain 1	5270	10.87	23.98	23.98	10.54	29.98	Pass
		5310	10.74	23.98	23.98	10.41	29.98	Pass
	Total	5270	14.11	23.98	23.98	18.09	29.98	Pass
		5310	13.89	23.98	23.98	17.87	29.98	Pass
802.11ax80 _RU_FULL	Chain 0	5290	11.30	23.98	23.98	13.40	29.98	Pass
	Chain 1	5290	11.27	23.98	23.98	10.94	29.98	Pass
	Total	5290	14.30	23.98	23.98	18.28	29.98	Pass

Note: For 802.11n/ac/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;

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.

Chain 0 Gain:	2.10	dBi	Directional gain:	3.98	dBi
Chain 1 Gain:	-0.33	dBi			

5470-5725MHz

Mode	Antenna	Test Frequency (MHz)	Average Output Power(dBm)			EIRP (dBm)		Verdict
			Result	FCC Limit	IC Limit	Result	IC Limit	
802.11a	Chain 0	5500	10.15	23.98	23.14	11.59	29.14	Pass
		5580	9.99	23.98	23.14	11.43	29.14	Pass
		5700	10.83	23.98	23.14	12.27	29.14	Pass
		5720	9.95	23.98	23.15	11.39	29.15	Pass
	Chain 1	5500	9.83	23.98	23.14	9.77	29.14	Pass
		5580	8.74	23.98	23.14	8.68	29.14	Pass
		5700	9.18	23.98	23.14	9.12	29.14	Pass
		5720	8.24	23.98	23.14	8.18	29.14	Pass
802.11ac20	Chain 0	5500	10.21	23.98	23.43	11.65	29.43	Pass
		5580	9.94	23.98	23.43	11.38	29.43	Pass
		5700	10.85	23.98	23.44	12.29	29.44	Pass
		5720	9.83	23.98	23.43	11.27	29.43	Pass
	Chain 1	5500	9.78	23.98	23.43	9.72	29.43	Pass
		5580	8.78	23.98	23.43	8.72	29.43	Pass
		5700	9.15	23.98	23.42	9.09	29.42	Pass
		5720	8.18	23.98	23.42	8.12	29.42	Pass
	Total	5500	13.01	23.98	23.43	16.74	29.43	Pass
		5580	12.41	23.98	23.43	16.14	29.43	Pass
		5700	13.09	23.98	23.42	16.82	29.42	Pass
		5720	12.09	23.98	23.42	15.82	29.42	Pass
802.11ac40	Chain 0	5510	9.96	23.98	23.98	11.40	29.98	Pass
		5550	9.74	23.98	23.98	11.18	29.98	Pass
		5670	10.68	23.98	23.98	12.12	29.98	Pass
		5710	10.31	23.98	23.98	11.75	29.98	Pass
	Chain 1	5510	9.70	23.98	23.98	9.64	29.98	Pass
		5550	8.30	23.98	23.98	8.24	29.98	Pass
		5670	9.40	23.98	23.98	9.34	29.98	Pass
		5710	9.03	23.98	23.98	8.97	29.98	Pass
	Total	5510	12.84	23.98	23.98	16.57	29.98	Pass
		5550	12.09	23.98	23.98	15.82	29.98	Pass
		5670	13.10	23.98	23.98	16.83	29.98	Pass
		5710	12.73	23.98	23.98	16.46	29.98	Pass

Mode	Antenna	Test Frequency (MHz)	Average Output Power(dBm)			EIRP (dBm)		Verdict
			Result	FCC Limit	IC Limit	Result	IC Limit	
802.11ac80	Chain 0	5530	9.97	23.98	23.98	11.41	29.98	Pass
		5610	10.53	23.98	/	/	/	Pass
		5690	10.89	23.98	23.98	12.33	29.98	Pass
	Chain 1	5530	9.07	23.98	23.98	9.01	29.98	Pass
		5610	9.28	23.98	/	/	/	Pass
		5690	8.95	23.98	23.98	8.89	29.98	Pass
	Total	5530	12.55	23.98	23.98	16.28	29.98	Pass
		5610	12.96	23.98	/	/	/	Pass
		5690	13.04	23.98	23.98	16.77	29.98	Pass
802.11ax20 _RU_FULL	Chain 0	5500	10.10	23.98	23.76	11.54	29.76	Pass
		5580	10.05	23.98	23.76	11.49	29.76	Pass
		5700	10.88	23.98	23.78	12.32	29.78	Pass
		5720	9.70	23.98	23.76	11.14	29.76	Pass
	Chain 1	5500	8.67	23.98	23.75	8.61	29.75	Pass
		5580	8.64	23.98	23.75	8.58	29.75	Pass
		5700	7.97	23.98	23.76	7.91	29.76	Pass
		5720	6.88	23.98	23.78	6.82	29.78	Pass
	Total	5500	12.45	23.98	23.75	16.18	29.75	Pass
		5580	12.41	23.98	23.75	16.14	29.75	Pass
		5700	12.67	23.98	23.76	16.40	29.76	Pass
		5720	11.53	23.98	23.76	15.26	29.76	Pass
802.11ax40 _RU_FULL	Chain 0	5510	10.02	23.98	23.98	11.46	29.98	Pass
		5550	9.82	23.98	23.98	11.26	29.98	Pass
		5670	10.74	23.98	23.98	12.18	29.98	Pass
		5710	10.33	23.98	23.98	11.77	29.98	Pass
	Chain 1	5510	9.77	23.98	23.98	9.71	29.98	Pass
		5550	8.41	23.98	23.98	8.35	29.98	Pass
		5670	9.48	23.98	23.98	9.42	29.98	Pass
		5710	8.95	23.98	23.98	8.89	29.98	Pass
	Total	5510	12.91	23.98	23.98	16.64	29.98	Pass
		5550	12.18	23.98	23.98	15.91	29.98	Pass
		5670	13.17	23.98	23.98	16.90	29.98	Pass
		5710	12.70	23.98	23.98	16.43	29.98	Pass

Mode	Antenna	Test Frequency (MHz)	Average Output Power(dBm)			EIRP (dBm)		Verdict
			Result	FCC Limit	IC Limit	Result	IC Limit	
802.11ax80 _RU_Full	Chain 0	5530	8.86	23.98	23.98	10.30	29.98	Pass
		5610	9.50	23.98	/	/	/	Pass
		5690	9.14	23.98	23.98	10.58	29.98	Pass
	Chain 1	5530	9.91	23.98	23.98	9.85	29.98	Pass
		5610	10.56	23.98	/	/	/	Pass
		5690	10.86	23.98	23.98	10.80	29.98	Pass
	Total	5530	12.43	23.98	23.98	16.16	29.98	Pass
		5610	13.07	23.98	/	/	/	Pass
		5690	13.09	23.98	23.98	16.82	29.98	Pass

Note: For 802.11n/ac/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;

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.

Chain 0 Gain:	1.44	dBi	Directional gain:	3.73	dBi
Chain 1 Gain:	-0.06	dBi			

5725-5850MHz

Mode	Antenna	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11a	Chain 0	5745	11.76	30	Pass
		5785	11.67	30	Pass
		5825	11.38	30	Pass
	Chain 1	5745	8.19	30	Pass
		5785	8.16	30	Pass
		5825	8.27	30	Pass
802.11ac20	Chain 0	5745	11.68	30	Pass
		5785	11.71	30	Pass
		5825	11.37	30	Pass
	Chain 1	5745	9.02	30	Pass
		5785	9.70	30	Pass
		5825	8.30	30	Pass
	Total	5745	13.56	30	Pass
		5785	13.83	30	Pass
		5825	13.11	30	Pass
802.11ac40	Chain 0	5755	11.52	30	Pass
		5795	11.38	30	Pass
	Chain 1	5755	9.04	30	Pass
		5795	9.72	30	Pass
	Total	5755	13.46	30	Pass
		5795	13.64	30	Pass
802.11ac80	Chain 0	5775	11.68	30	Pass
	Chain 1	5775	9.30	30	Pass
	Total	5775	13.66	30	Pass

Mode	Antenna	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11ax20_RU_Full	Chain 1	5745	9.05	30	Pass
		5785	9.82	30	Pass
		5825	8.44	30	Pass
	Chain 0	5745	11.81	30	Pass
		5785	11.75	30	Pass
		5825	11.56	30	Pass
	Total	5745	13.66	30	Pass
		5785	13.90	30	Pass
		5825	13.28	30	Pass
802.11ax40_RU_Full	Chain 1	5755	9.18	30	Pass
		5795	9.72	30	Pass
	Chain 0	5755	11.68	30	Pass
	Chain 0	5795	11.44	30	Pass
	Total	5755	13.62	30	Pass
		5795	13.67	30	Pass
802.11ax80_RU_Full	Chain 1	5775	9.24	30	Pass
	Chain 0	5775	11.69	30	Pass
	Total	5775	13.65	30	Pass

Note: For 802.11n/ac/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;

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.

Chain 0 Gain:	-0.28	dBi	Directional gain:	3.56	dBi
Chain 1 Gain:	1.30	dBi			

Power Spectral Density

5150-5250MHz

Mode	Antenna	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	FCC Limit (dBm/MHz)	EIRP PSD (dBm/MHz)		Verdict
							Result	IC Limit	
802.11a	Chain 0	5180	0.07	0.32	0.39	11.0	3.78	10	Pass
		5200	-0.23	0.32	0.09	11.0	3.48	10	Pass
		5240	-0.22	0.32	0.10	11.0	3.49	10	Pass
	Chain 1	5180	-1.66	0.32	-1.34	11.0	0.00	10	Pass
		5200	-2.17	0.32	-1.85	11.0	-0.51	10	Pass
		5240	-4.40	0.32	-4.08	11.0	-2.74	10	Pass
802.11ac20	Chain 0	5180	-0.28	0.35	0.07	11.0	3.46	10	Pass
		5200	-0.43	0.35	-0.08	11.0	3.31	10	Pass
		5240	-0.34	0.35	0.01	11.0	3.40	10	Pass
	Chain 1	5180	-2.03	0.35	-1.68	11.0	-0.34	10	Pass
		5200	-2.09	0.35	-1.74	11.0	-0.40	10	Pass
		5240	-4.36	0.35	-4.01	11.0	-2.67	10	Pass
	Total	5180	1.94	0.35	2.29	11.0	7.73	10	Pass
		5200	1.83	0.35	2.18	11.0	7.62	10	Pass
		5240	1.11	0.35	1.46	11.0	6.90	10	Pass
802.11ac40	Chain 0	5190	-3.85	0.66	-3.19	11.0	0.20	10	Pass
		5230	-3.95	0.66	-3.29	11.0	0.10	10	Pass
	Chain 1	5190	-4.77	0.66	-4.11	11.0	-2.77	10	Pass
		5230	-7.77	0.66	-7.11	11.0	-5.77	10	Pass
	Total	5190	-1.28	0.66	-0.62	11.0	4.82	10	Pass
		5230	-2.44	0.66	-1.78	11.0	3.66	10	Pass
802.11ac80	Chain 0	5210	-6.34	1.24	-5.10	11.0	-1.71	10	Pass
	Chain 1	5210	-9.50	1.24	-8.26	11.0	-6.92	10	Pass
	Total	5210	-4.63	1.24	-3.39	11.0	2.05	10	Pass

Mode	Antenna	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	FCC Limit (dBm/MHz)	EIRP PSD (dBm/MHz)		Verdict
							Result	IC Limit	
802.11ax20_RU_Full	Chain 0	5180	-0.32	0.37	0.05	11.0	3.44	10	Pass
		5200	-0.50	0.37	-0.13	11.0	3.26	10	Pass
		5240	-0.52	0.37	-0.15	11.0	3.24	10	Pass
	Chain 1	5180	-2.45	0.37	-2.08	11.0	-0.74	10	Pass
		5200	-2.58	0.37	-2.21	11.0	-0.87	10	Pass
		5240	-4.76	0.37	-4.39	11.0	-3.05	10	Pass
	Total	5180	1.75	0.37	2.12	11.0	7.56	10	Pass
		5200	1.59	0.37	1.96	11.0	7.40	10	Pass
		5240	0.87	0.37	1.24	11.0	6.68	10	Pass
802.11ax40_RU_Full	Chain 0	5190	-3.83	0.67	-3.16	11.0	0.23	10	Pass
		5230	-4.13	0.67	-3.46	11.0	-0.07	10	Pass
	Chain 1	5190	-5.37	0.67	-4.70	11.0	-3.36	10	Pass
		5230	-7.79	0.67	-7.12	11.0	-5.78	10	Pass
	Total	5190	-1.52	0.67	-0.85	11.0	4.59	10	Pass
		5230	-2.58	0.67	-1.91	11.0	3.53	10	Pass
802.11ax80_RU_Full	Chain 0	5210	-6.46	1.17	-5.29	11.0	-1.90	10	Pass
	Chain 1	5210	-9.09	1.17	-7.92	11.0	-6.58	10	Pass
	Total	5210	-4.57	1.17	-3.40	11.0	2.04	10	Pass

Note: For 802.11n/ac/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;

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.

Chain 0 Gain:	3.39	dBi	Directional gain:	5.44	dBi
Chain 1 Gain:	1.34	dBi			

5250-5350MHz

Mode	Antenna	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11a	Chain 0	5260	-1.89	0.32	-1.57	11.00	Pass
		5280	-2.12	0.32	-1.80	11.00	Pass
		5320	-2.60	0.32	-2.28	11.00	Pass
	Chain 1	5260	-2.46	0.32	-2.14	11.00	Pass
		5280	-2.29	0.32	-1.97	11.00	Pass
		5320	-2.14	0.32	-1.82	11.00	Pass
802.11ac20	Chain 0	5260	-2.77	0.35	-2.42	11.00	Pass
		5280	-2.05	0.35	-1.70	11.00	Pass
		5320	-3.01	0.35	-2.66	11.00	Pass
	Chain 1	5260	-2.68	0.35	-2.33	11.00	Pass
		5280	-2.70	0.35	-2.35	11.00	Pass
		5320	-0.15	0.35	0.20	11.00	Pass
	Total	5260	0.29	0.35	0.64	11.00	Pass
		5280	0.65	0.35	1.00	11.00	Pass
		5320	1.66	0.35	2.01	11.00	Pass
802.11ac40	Chain 0	5270	-8.23	0.66	-7.57	11.00	Pass
		5310	-7.53	0.66	-6.87	11.00	Pass
	Chain 1	5270	-5.47	0.66	-4.81	11.00	Pass
		5310	-5.95	0.66	-5.29	11.00	Pass
	Total	5270	-3.62	0.66	-2.96	11.00	Pass
		5310	-3.66	0.66	-3.00	11.00	Pass
802.11ac80	Chain 0	5290	-12.69	1.24	-11.45	11.00	Pass
	Chain 1	5290	-9.35	1.24	-8.11	11.00	Pass
	Total	5290	-7.70	1.24	-6.46	11.00	Pass

Mode	Antenna	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11ax20_RU_FUL L	Chain 0	5260	-2.93	0.37	-2.56	11.00	Pass
		5280	-2.90	0.37	-2.53	11.00	Pass
		5320	-2.66	0.37	-2.29	11.00	Pass
	Chain 1	5260	-3.51	0.37	-3.14	11.00	Pass
		5280	-3.36	0.37	-2.99	11.00	Pass
		5320	-3.35	0.37	-2.98	11.00	Pass
	Total	5260	-0.20	0.37	0.17	11.00	Pass
		5280	-0.11	0.37	0.26	11.00	Pass
		5320	0.02	0.37	0.39	11.00	Pass
802.11ax40_RU_FUL L	Chain 0	5270	-7.09	0.67	-6.42	11.00	Pass
		5310	-7.39	0.67	-6.72	11.00	Pass
	Chain 1	5270	-7.73	0.67	-7.06	11.00	Pass
		5310	-7.55	0.67	-6.88	11.00	Pass
	Total	5270	-4.39	0.67	-3.72	11.00	Pass
		5310	-4.46	0.67	-3.79	11.00	Pass
802.11ax80_RU_FUL L	Chain 0	5290	-12.27	1.17	-11.10	11.00	Pass
	Chain 1	5290	-11.75	1.17	-10.58	11.00	Pass
	Total	5290	-8.99	1.17	-7.82	11.00	Pass

Note: For 802.11n/ac/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;

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.

Chain 0 Gain:	2.10	dBi	Directional gain:	3.98	dBi
Chain 1 Gain:	-0.33	dBi			

5470-5725MHz:

Mode	Antenna	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11a	Chain 0	5500	-1.23	0.32	-0.91	11.00	Pass
		5580	-2.22	0.32	-1.90	11.00	Pass
		5700	-1.90	0.32	-1.58	11.00	Pass
		5720	-1.99	0.32	-1.67	11.00	Pass
	Chain 1	5500	-3.37	0.32	-3.05	11.00	Pass
		5580	-3.00	0.32	-2.68	11.00	Pass
		5700	-2.22	0.32	-1.90	11.00	Pass
		5720	-1.79	0.32	-1.47	11.00	Pass
802.11ac20	Chain 0	5500	-1.47	0.35	-1.12	11.00	Pass
		5580	-2.59	0.35	-2.24	11.00	Pass
		5700	-2.08	0.35	-1.73	11.00	Pass
		5720	-2.41	0.35	-2.06	11.00	Pass
	Chain 1	5500	-3.82	0.35	-3.47	11.00	Pass
		5580	-3.34	0.35	-2.99	11.00	Pass
		5700	-2.44	0.35	-2.09	11.00	Pass
		5720	-3.03	0.35	-2.68	11.00	Pass
	Total	5500	0.52	0.35	0.87	11.00	Pass
		5580	0.06	0.35	0.41	11.00	Pass
		5700	0.75	0.35	1.10	11.00	Pass
		5720	0.30	0.35	0.65	11.00	Pass
802.11ac40	Chain 0	5510	-5.03	0.66	-4.37	11.00	Pass
		5550	-6.49	0.66	-5.83	11.00	Pass
		5670	-5.23	0.66	-4.57	11.00	Pass
		5710	-5.39	0.66	-4.73	11.00	Pass
	Chain 1	5510	-9.24	0.66	-8.58	11.00	Pass
		5550	-7.79	0.66	-7.13	11.00	Pass
		5670	-7.07	0.66	-6.41	11.00	Pass
		5710	-8.27	0.66	-7.61	11.00	Pass
	Total	5510	-3.63	0.66	-2.97	11.00	Pass
		5550	-4.08	0.66	-3.42	11.00	Pass
		5670	-3.04	0.66	-2.38	11.00	Pass
		5710	-3.59	0.66	-2.93	11.00	Pass

Mode	Antenna	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11ac80	Chain 0	5530	-8.67	1.24	-7.43	11.00	Pass
		5610	-8.96	1.24	-7.72	11.00	Pass
		5690	-8.43	1.24	-7.19	11.00	Pass
	Chain 1	5530	-14.03	1.24	-12.79	11.00	Pass
		5610	-13.30	1.24	-12.06	11.00	Pass
		5690	-12.47	1.24	-11.23	11.00	Pass
	Total	5530	-7.56	1.24	-6.32	11.00	Pass
		5610	-7.60	1.24	-6.36	11.00	Pass
		5690	-6.99	1.24	-5.75	11.00	Pass
802.11ax20_RU_FULL	Chain 0	5500	-2.09	0.37	-1.72	11.00	Pass
		5580	-2.38	0.37	-2.01	11.00	Pass
		5700	-2.84	0.37	-2.47	11.00	Pass
		5720	-3.14	0.37	-2.77	11.00	Pass
	Chain 1	5500	-3.71	0.37	-3.34	11.00	Pass
		5580	-4.04	0.37	-3.67	11.00	Pass
		5700	-3.18	0.37	-2.81	11.00	Pass
		5720	-2.74	0.37	-2.37	11.00	
	Total	5500	0.19	0.37	0.56	11.00	Pass
		5580	-0.12	0.37	0.25	11.00	Pass
		5700	0.00	0.37	0.37	11.00	Pass
		5720	0.07	0.37	0.44	11.00	Pass
802.11ax40_RU_FULL	Chain 0	5510	-6.35	0.67	-5.68	11.00	Pass
		5550	-6.62	0.67	-5.95	11.00	Pass
		5670	-7.03	0.67	-6.36	11.00	Pass
		5710	-7.44	0.67	-6.77	11.00	Pass
	Chain 1	5510	-9.54	0.67	-8.87	11.00	Pass
		5550	-8.59	0.67	-7.92	11.00	Pass
		5670	-7.98	0.67	-7.31	11.00	Pass
		5710	-7.79	0.67	-7.12	11.00	Pass
	Total	5510	-4.65	0.67	-3.98	11.00	Pass
		5550	-4.48	0.67	-3.81	11.00	Pass
		5670	-4.47	0.67	-3.80	11.00	Pass
		5710	-4.60	0.67	-3.93	11.00	Pass

Mode	Antenna	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11ax80_RU_FULL	Chain 0	5530	-10.67	1.17	-9.50	11.00	Pass
		5610	-11.56	1.17	-10.39	11.00	Pass
		5690	-11.03	1.17	-9.86	11.00	Pass
	Chain 1	5530	-13.23	1.17	-12.06	11.00	Pass
		5610	-12.29	1.17	-11.12	11.00	Pass
		5690	-12.01	1.17	-10.84	11.00	Pass
	Total	5530	-8.75	1.17	-7.58	11.00	Pass
		5610	-8.90	1.17	-7.73	11.00	Pass
		5690	-8.48	1.17	-7.31	11.00	Pass

Note: For 802.11n/ac/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;

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.

Chain 0 Gain:	1.44	dBi	Directional gain:	3.73	dBi
Chain 1 Gain:	-0.06	dBi			

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	-4.36	0.32	-4.04	30	Pass
		5785	-4.46	0.32	-4.14	30	Pass
		5825	-5.00	0.32	-4.68	30	Pass
	Chain 1	5745	-4.83	0.32	-4.51	30	Pass
		5785	-5.28	0.32	-4.96	30	Pass
		5825	-5.65	0.32	-5.33	30	Pass
802.11ac20	Chain 0	5745	-4.76	0.35	-4.41	30	Pass
		5785	-4.89	0.35	-4.54	30	Pass
		5825	-5.20	0.35	-4.85	30	Pass
	Chain 1	5745	-5.47	0.35	-5.12	30	Pass
		5785	-4.61	0.35	-4.26	30	Pass
		5825	-5.88	0.35	-5.53	30	Pass
	Total	5745	-2.09	0.35	-1.74	30	Pass
		5785	-1.74	0.35	-1.39	30	Pass
		5825	-2.52	0.35	-2.17	30	Pass
802.11ac40	Chain 0	5755	-9.58	0.66	-8.92	30	Pass
		5795	-10.35	0.66	-9.69	30	Pass
	Chain 1	5755	-8.65	0.66	-7.99	30	Pass
		5795	-7.76	0.66	-7.10	30	Pass
	Total	5755	-6.08	0.66	-5.42	30	Pass
		5795	-5.85	0.66	-5.19	30	Pass
802.11ac80	Chain 0	5775	-14.59	1.24	-13.35	30	Pass
	Chain 1	5775	-11.30	1.24	-10.06	30	Pass
	Total	5775	-9.63	1.24	-8.39	30	Pass

Mode	Antenna	Test Frequency (MHz)	Reading (dBm/500kHz)	Duty Cycle Factor(dB)	Result (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
802.11ax20_RU_FUL L	Chain 0	5745	-4.66	0.37	-4.29	30	Pass
		5785	-5.18	0.37	-4.81	30	Pass
		5825	-5.30	0.37	-4.93	30	Pass
	Chain 1	5745	-6.03	0.37	-5.66	30	Pass
		5785	-5.81	0.37	-5.44	30	Pass
		5825	-5.94	0.37	-5.57	30	Pass
	Total	5745	-2.28	0.37	-1.91	30	Pass
		5785	-2.47	0.37	-2.10	30	Pass
		5825	-2.60	0.37	-2.23	30	Pass
802.11ax40_RU_FUL L	Chain 0	5755	-9.78	0.67	-9.11	30	Pass
		5795	-10.44	0.67	-9.77	30	Pass
	Chain 1	5755	-10.12	0.67	-9.45	30	Pass
		5795	-10.44	0.67	-9.77	30	Pass
	Total	5755	-6.94	0.67	-6.27	30	Pass
		5795	-7.43	0.67	-6.76	30	Pass
802.11ax80_RU_FUL L	Chain 0	5775	-13.92	1.17	-12.75	30	Pass
	Chain 1	5775	-14.64	1.17	-13.47	30	Pass
	Total	5775	-11.25	1.17	-10.08	30	Pass

Note: For 802.11n/ac/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;

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

N_{ANT} = the total number of antennas

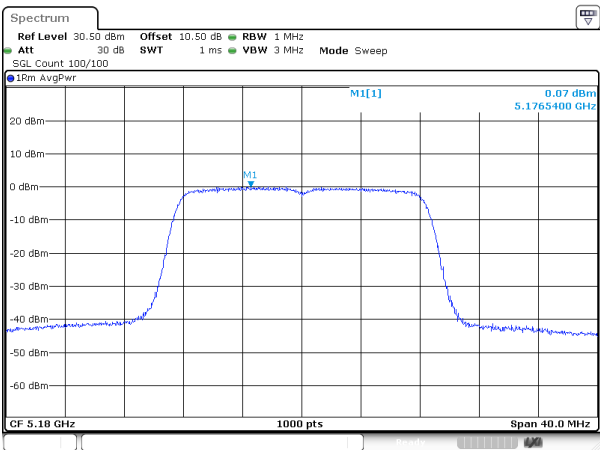
$g_{j,k} = 10^{G_k/20}$ if the k_{th} antenna is being fed by spatial stream j , or zero if it is not;

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

Chain 0 Gain:	-0.28	dBi	Directional gain:	3.56	dBi
Chain 1 Gain:	1.30	dBi			

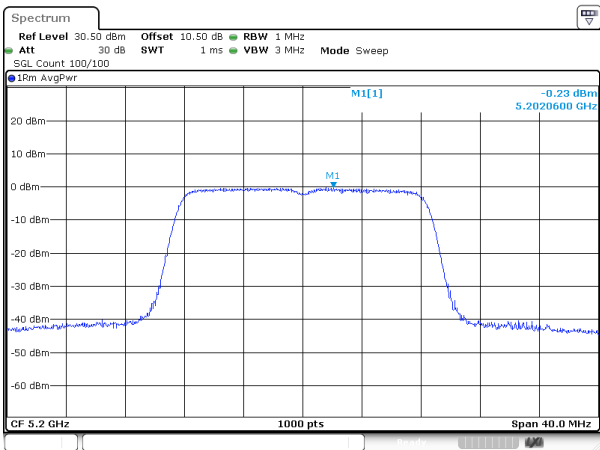
5150-5250MHz

802.11a_5180MHz_Chain 0



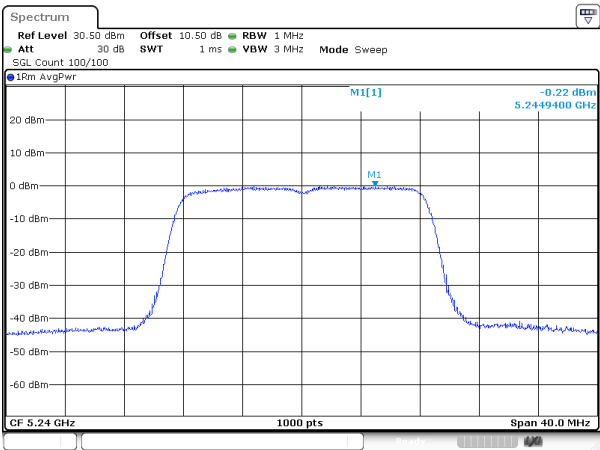
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802.11a_5200MHz_Chain 0



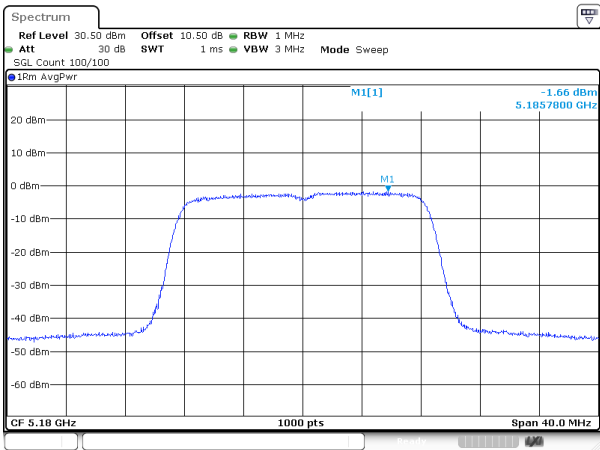
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802.11a_5240MHz_Chain 0



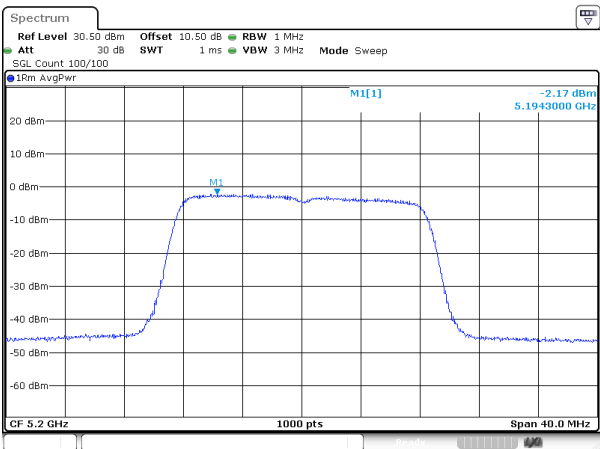
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802.11a_5180MHz_Chain 1



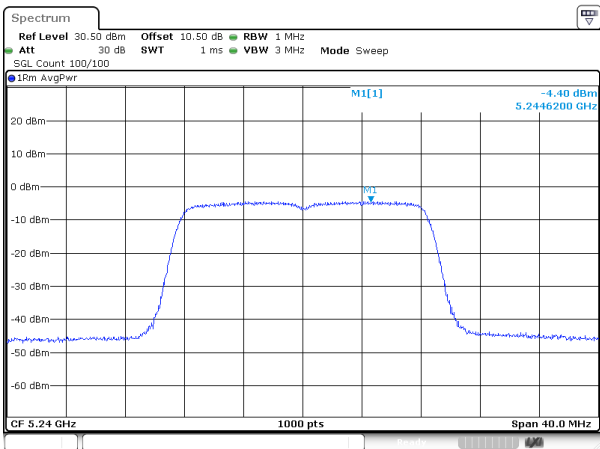
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802.11a_5200MHz_Chain 1



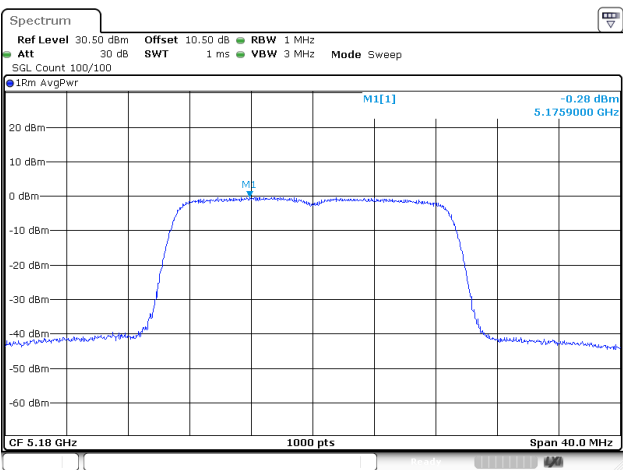
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802.11a_5240MHz_Chain 1



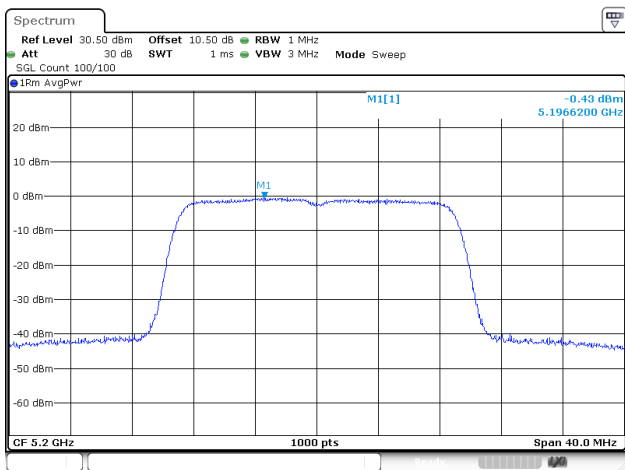
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Date: 31.AUG.2025 22:25:16

802.11ac20_5180MHz_Chain 0



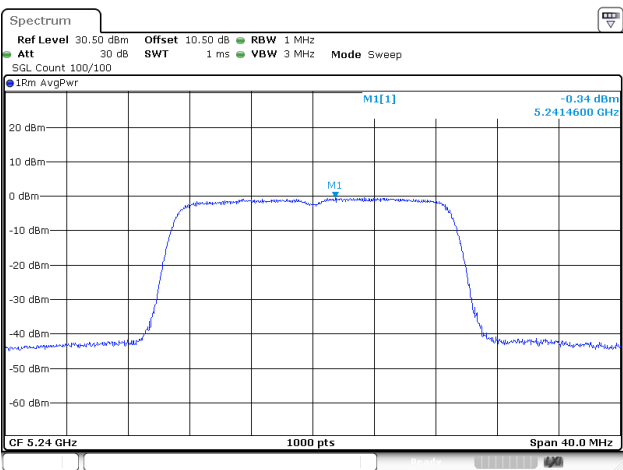
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802.11ac20_5200MHz_Chain 0



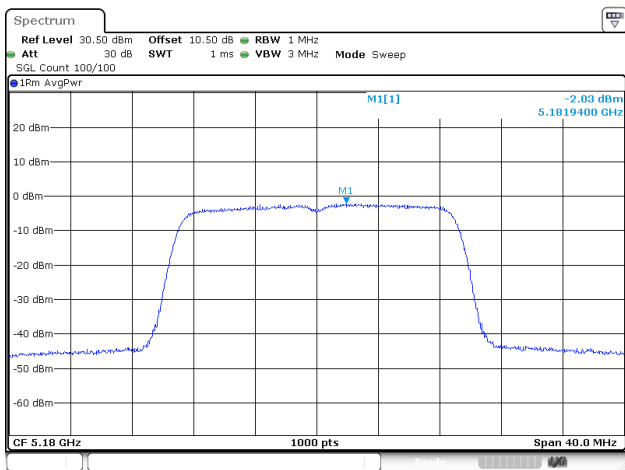
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Date: 27.AUG.2025 21:22:19

802.11ac20_5240MHz_Chain 0



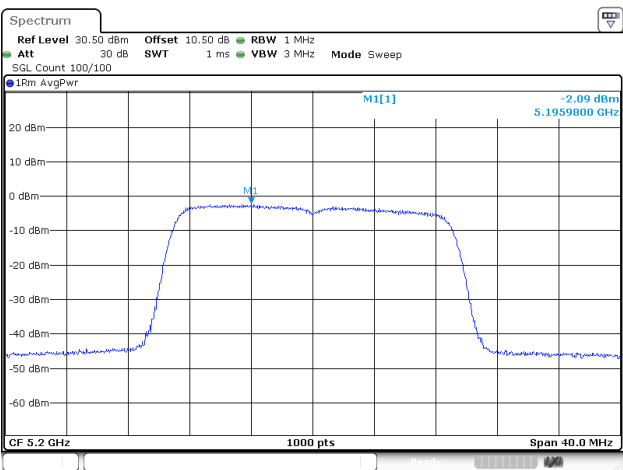
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Date: 27.AUG.2025 21:26:11

802.11ac20_5180MHz_Chain 1



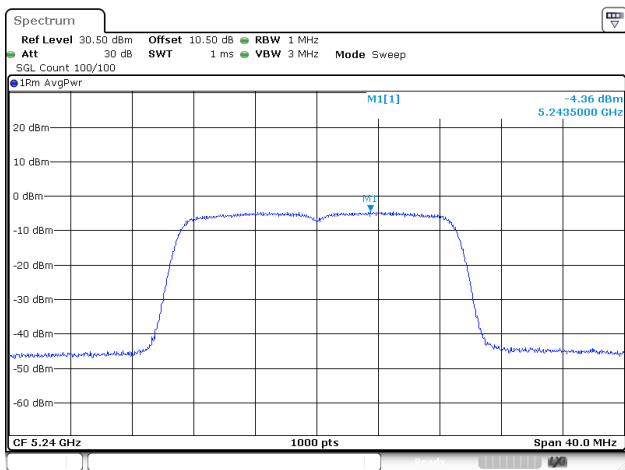
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Date: 31.AUG.2025 22:26:40

802.11ac20_5200MHz_Chain 1



ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 31.AUG.2025 22:27:55

802.11ac20_5240MHz_Chain 1



ProjectNo.:2501V14699E-RF Tester:Brian Li
Date: 31.AUG.2025 22:30:26