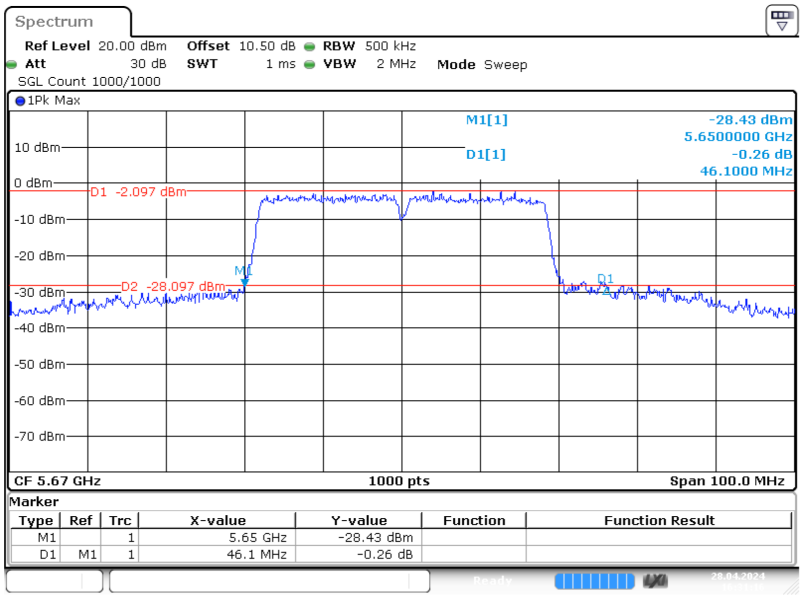
802.11n-HT40 mode, 5670MHz

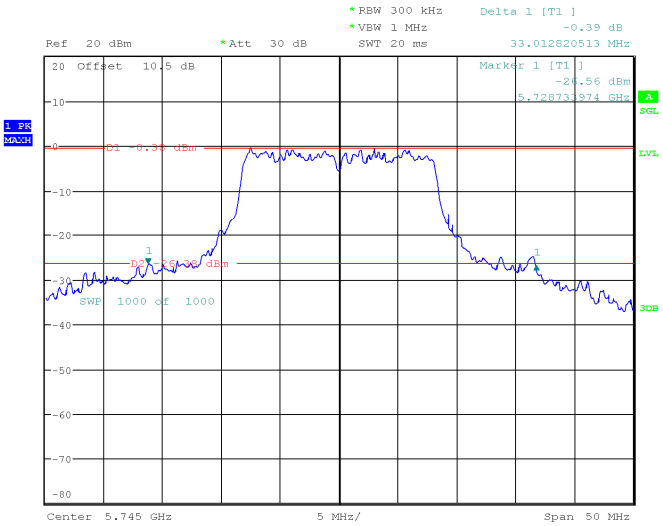


ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 28.APR.2024 16:31:16

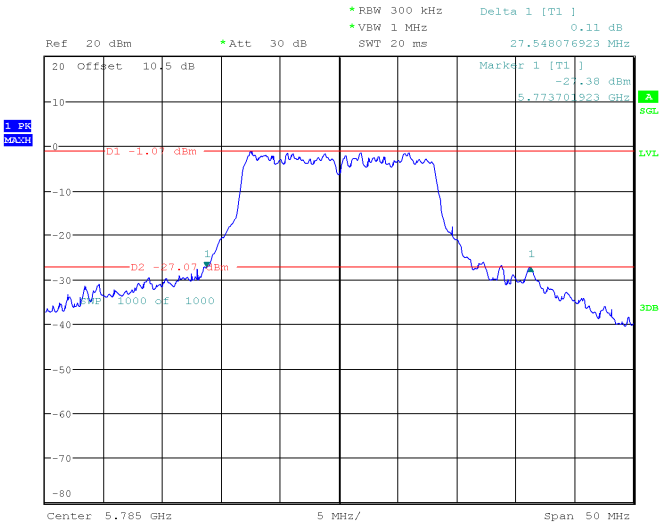
5725-5850 MHz Band

802.11a mode, 5745MHz



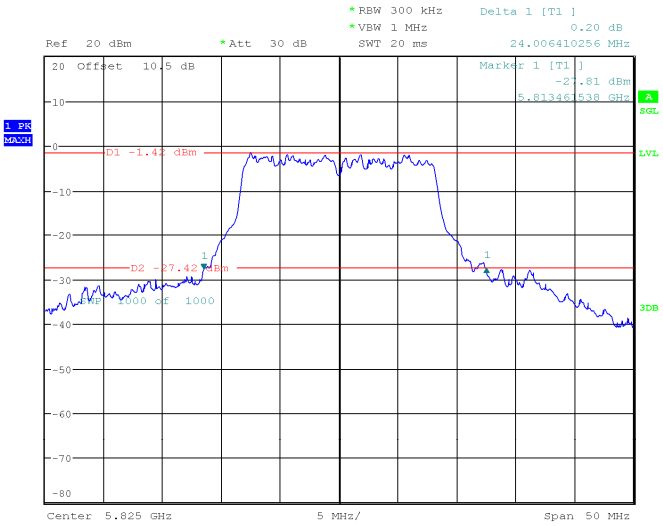
ProjectNo.:RSHA240124001 Tester:Bard Liu
Date: 25.MAY.2024 13:19:53

802.11a mode, 5785MHz



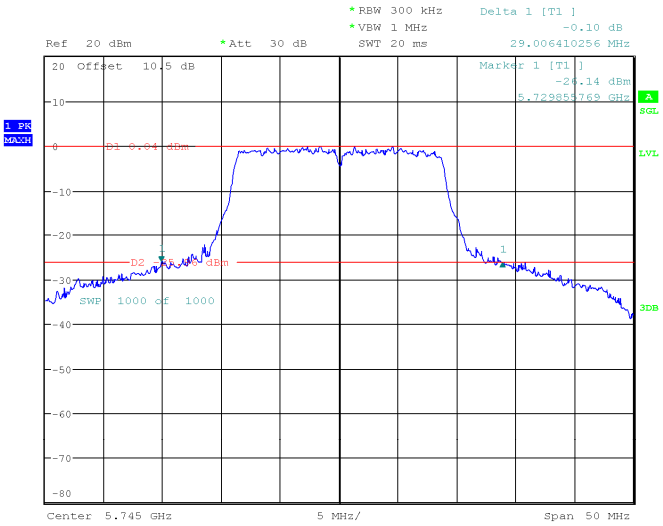
ProjectNo.:RSHA240124001 Tester:Bard Liu
Date: 25.MAY.2024 13:23:10

802.11a mode, 5825MHz



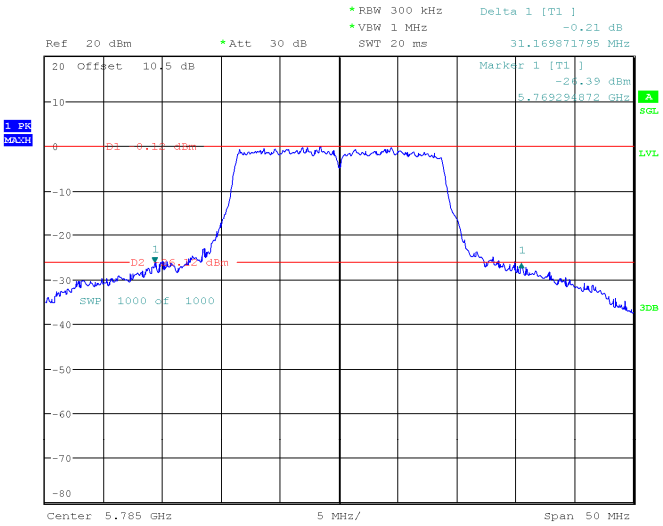
ProjectNo.:RSHA240124001 Tester:Bard Liu
Date: 25.MAY.2024 13:26:15

802.11n20 mode, 5745MHz



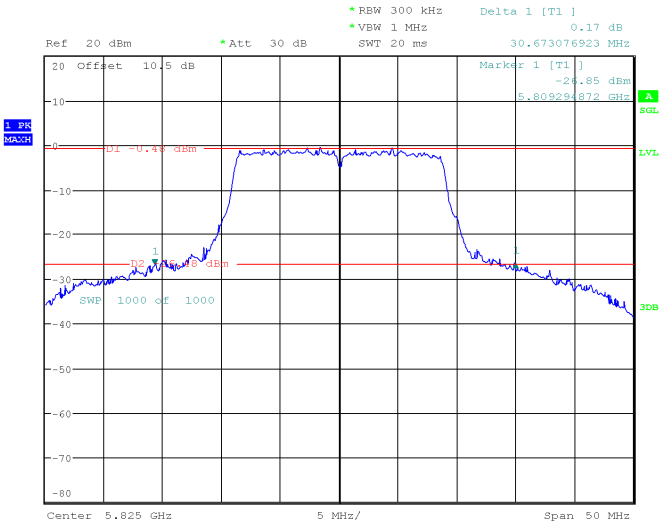
ProjectNo.:RSHA240124001 Tester:Bard Liu
Date: 25.MAY.2024 13:32:00

802.11 n20 mode, 5785MHz



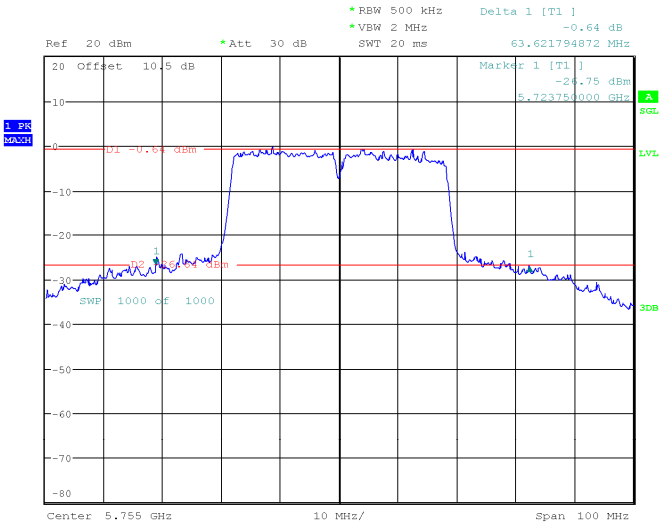
ProjectNo.:RSHA240124001 Tester:Bard Liu
Date: 25.MAY.2024 13:35:54

802.11 n20 mode, 5825MHz



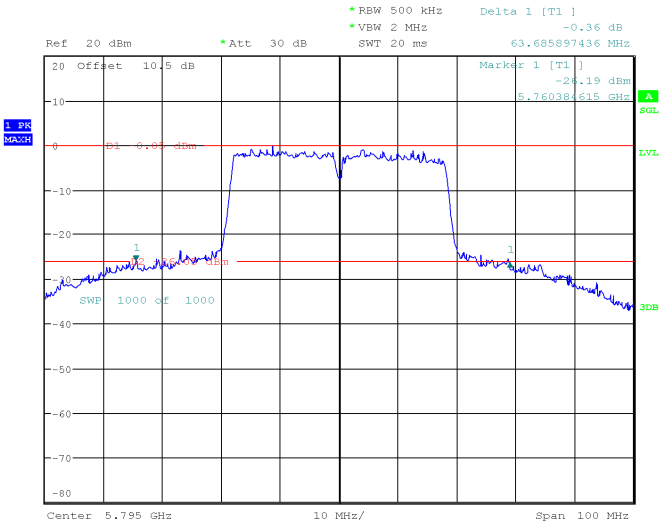
ProjectNo.:RSHA240124001 Tester:Bard Liu
Date: 25.MAY.2024 13:39:46

802.1140 mode, 5755MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu
Date: 25.MAY.2024 13:44:32

802.11n40 mode, 5795MHz

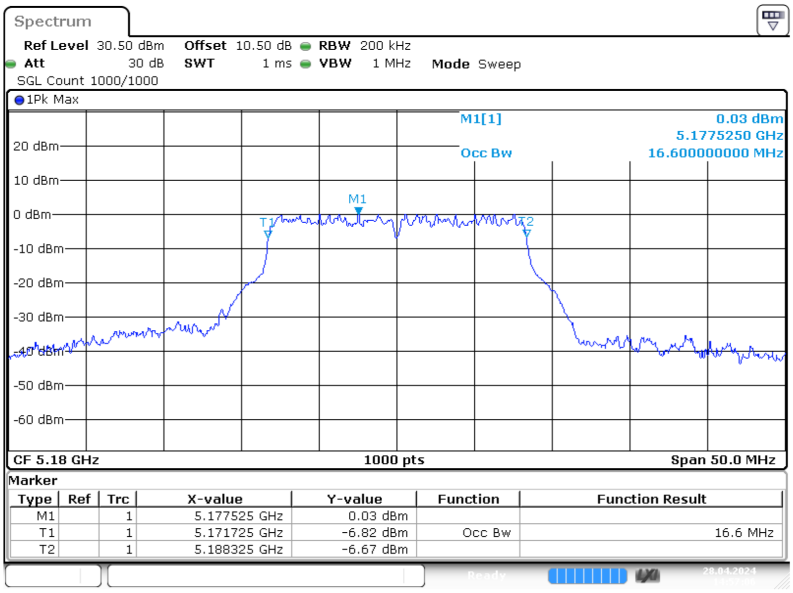


ProjectNo.:RSHA240124001 Tester:Bard Liu
Date: 25.MAY.2024 13:47:45

99% Occupied Bandwidth

5150-5250 MHz Band:

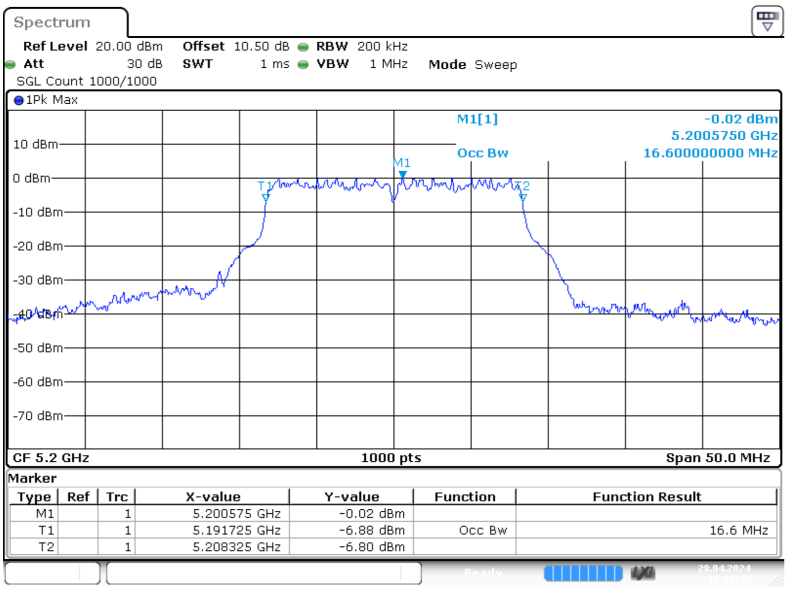
802.11a mode, 5180MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 28.APR.2024 14:57:07

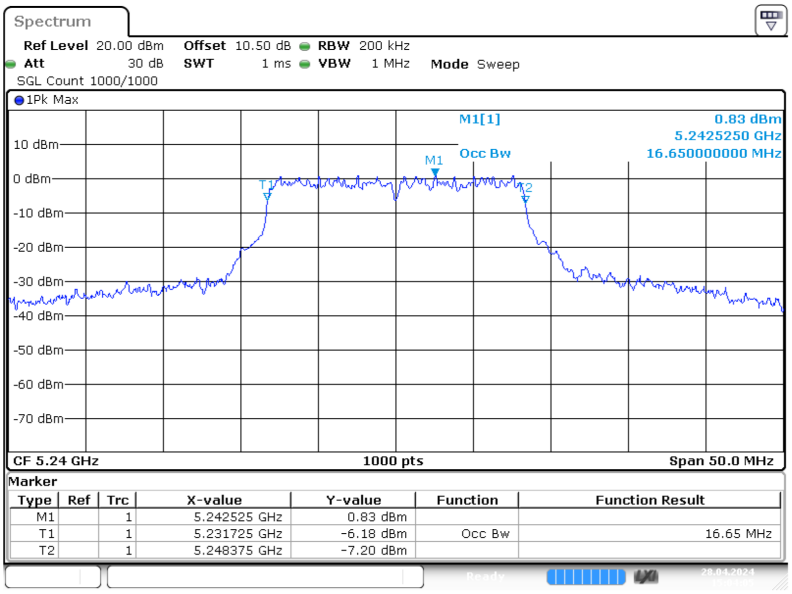
802.11a mode, 5200MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 28.APR.2024 15:00:45

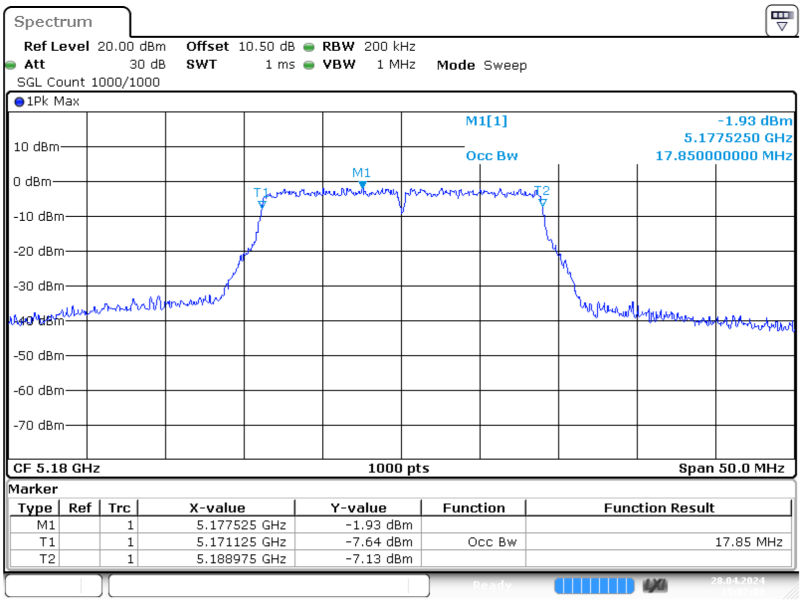
802.11a mode, 5240MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 28.APR.2024 15:04:05

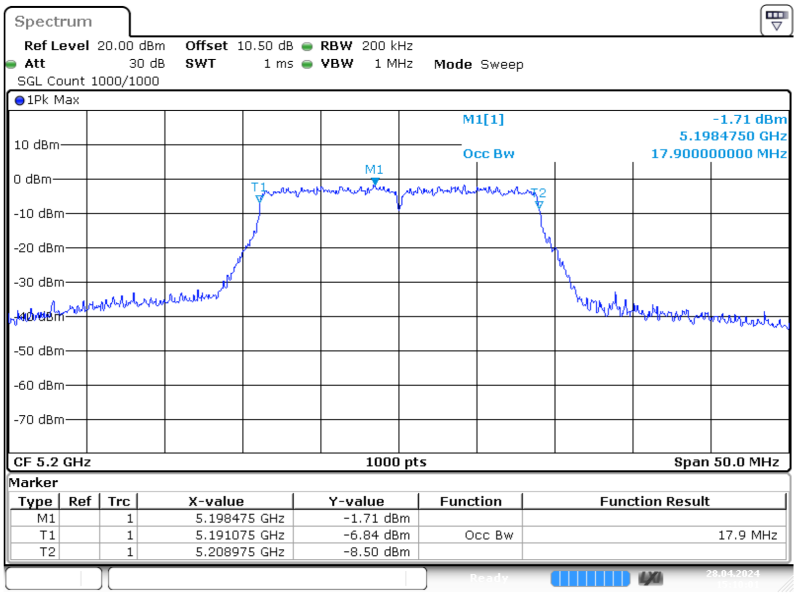
802.11n-HT20 mode, 5180MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 28.APR.2024 15:07:03

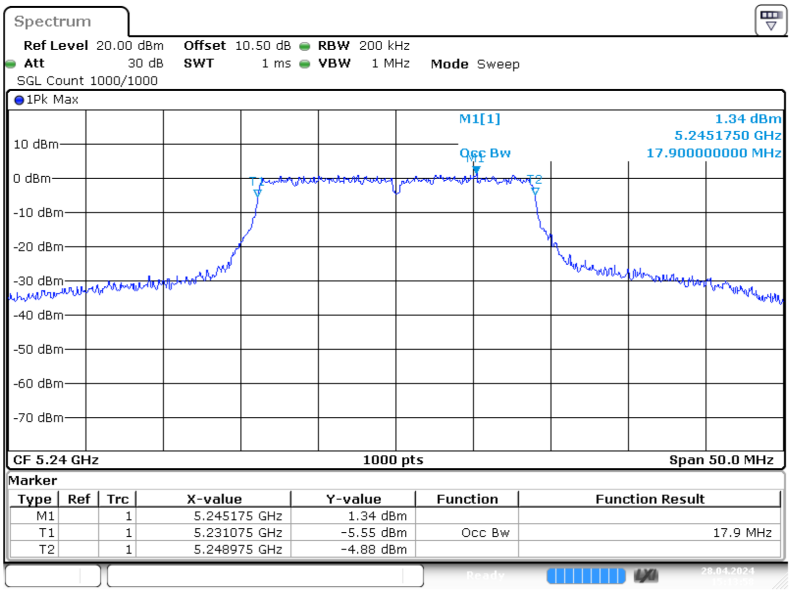
802.11n-HT20 mode, 5200MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 28.APR.2024 15:10:01

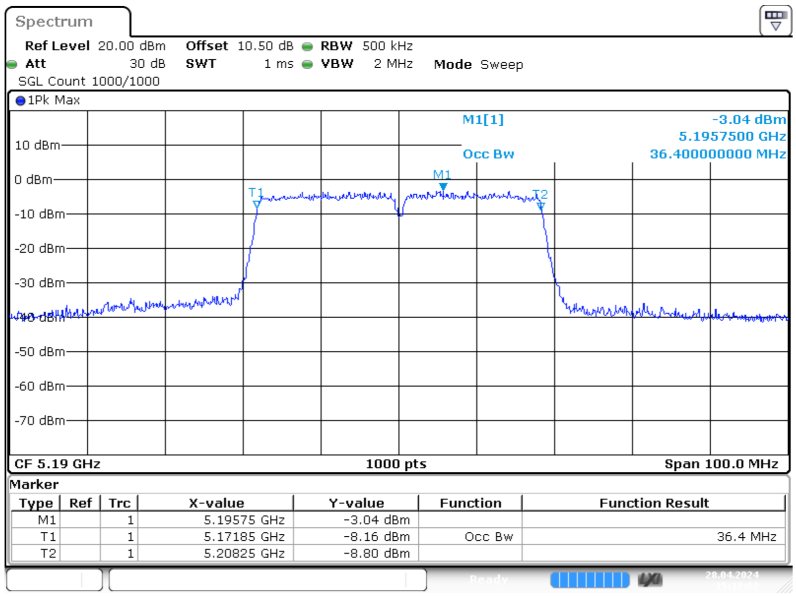
802.11n-HT20 mode, 5240MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 28.APR.2024 15:13:59

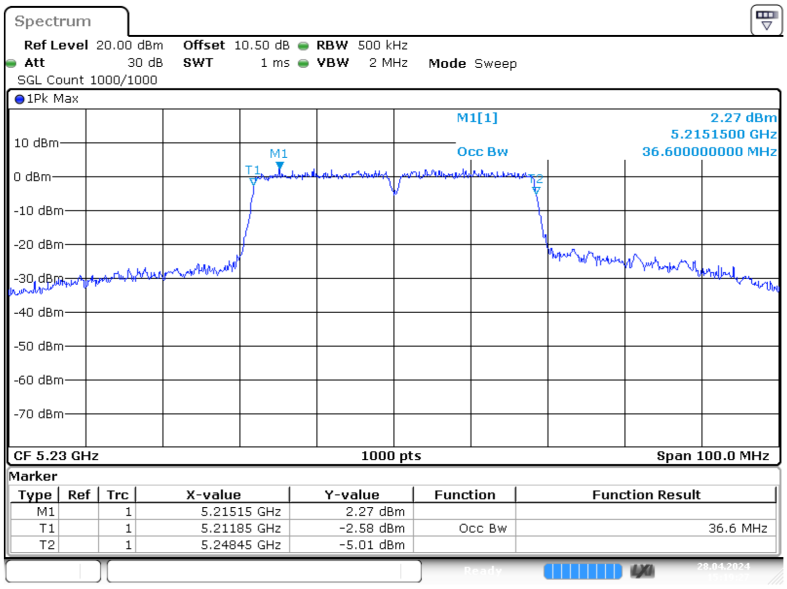
802.11n-HT40 mode, 5190MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 28.APR.2024 15:17:02

802.11n-HT40 mode, 5230MHz

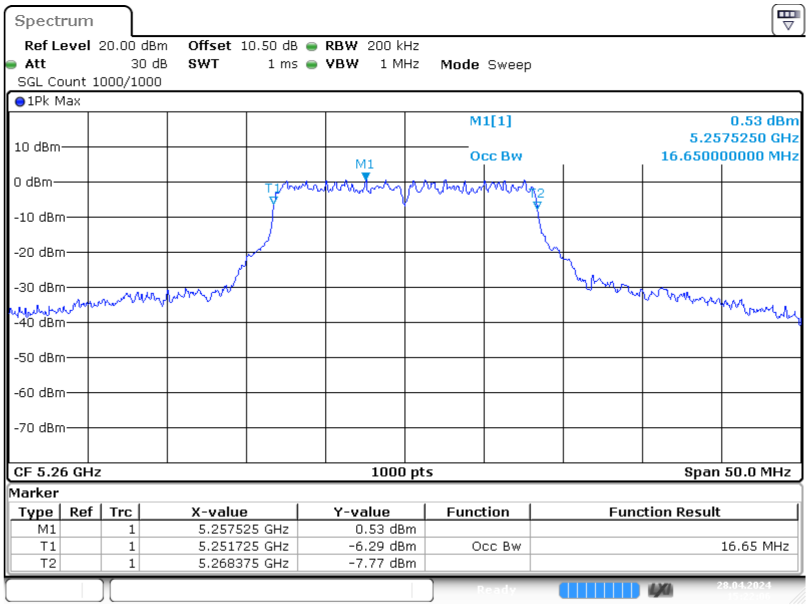


ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 28.APR.2024 15:19:27

5250-5350 MHz Band:

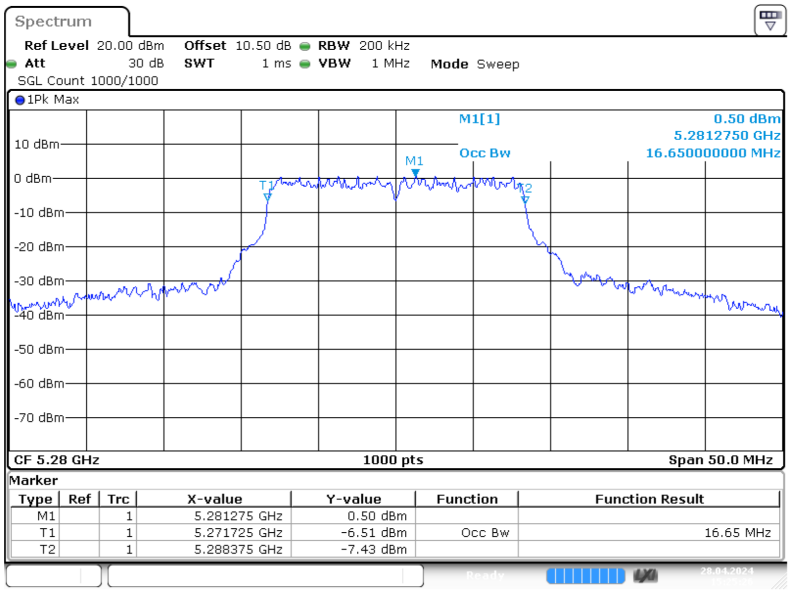
802.11a mode, 5260MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 28.APR.2024 15:22:06

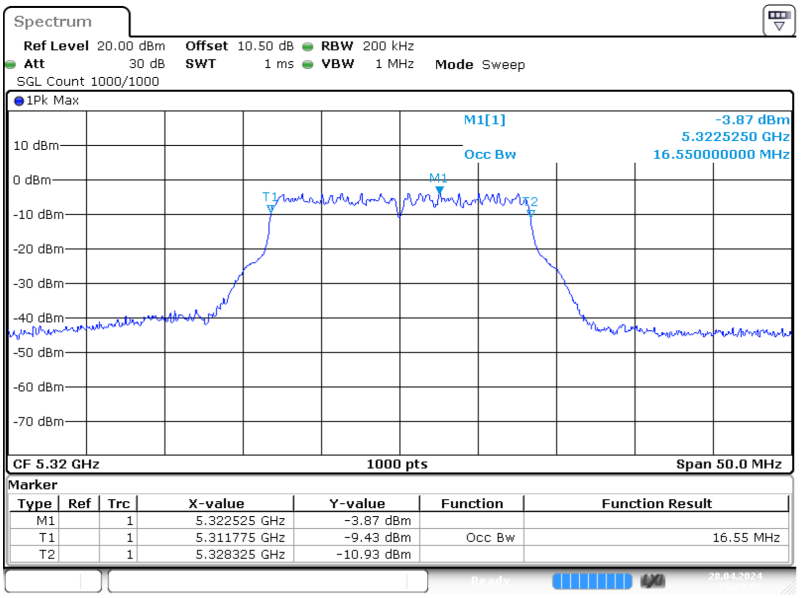
802.11a mode, 5280MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 28.APR.2024 15:25:26

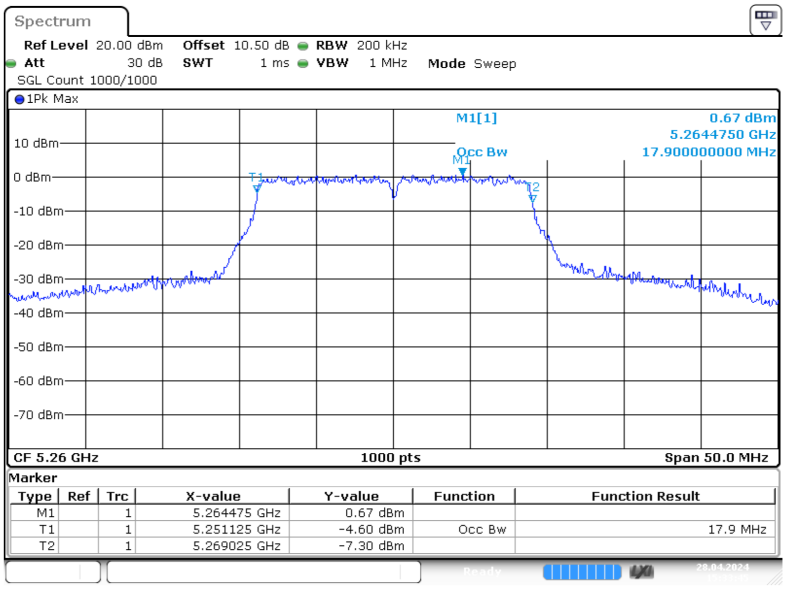
802.11a mode, 5320MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 28.APR.2024 15:28:53

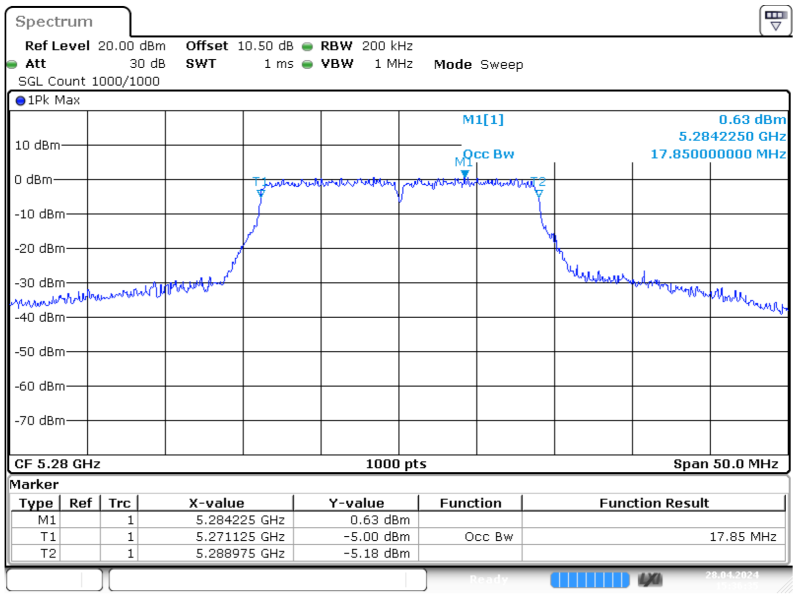
802.11n-HT20 mode, 5260MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 28.APR.2024 15:33:45

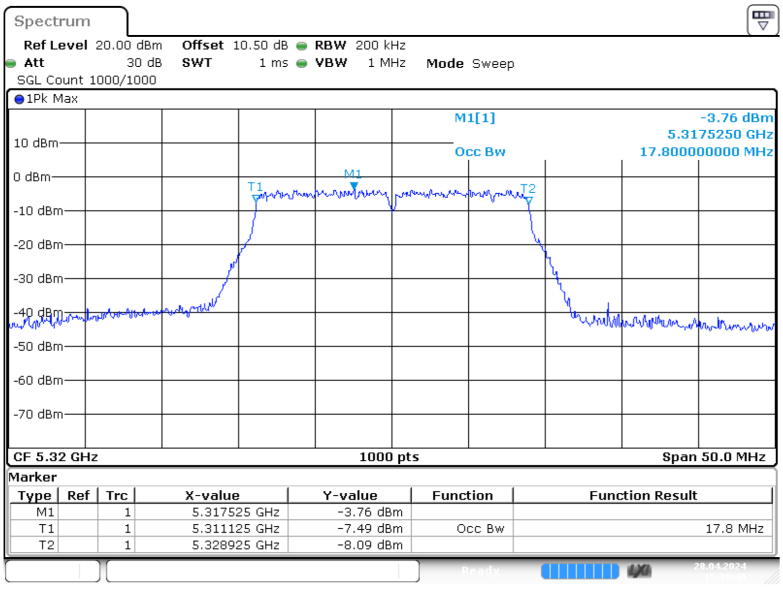
802.11n-HT20 mode, 5280MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 28.APR.2024 15:36:36

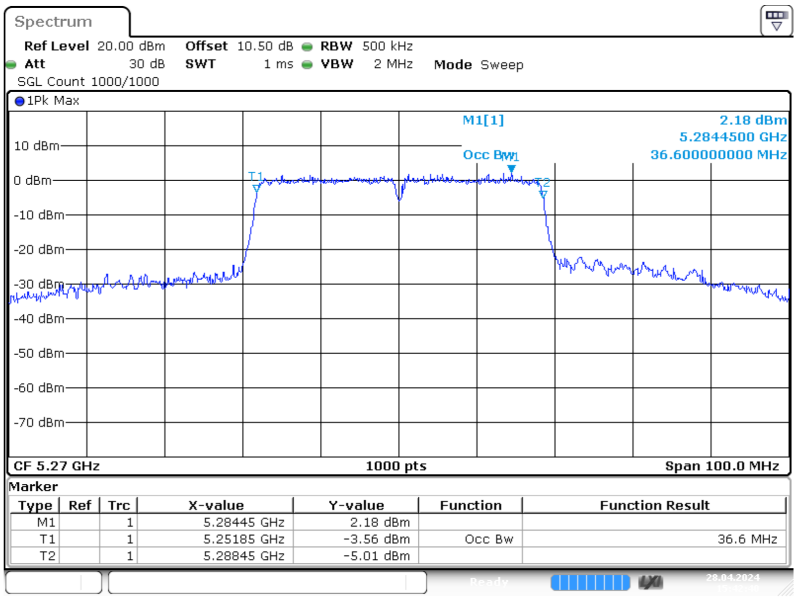
802.11n-HT20 mode, 5320MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 28.APR.2024 15:39:40

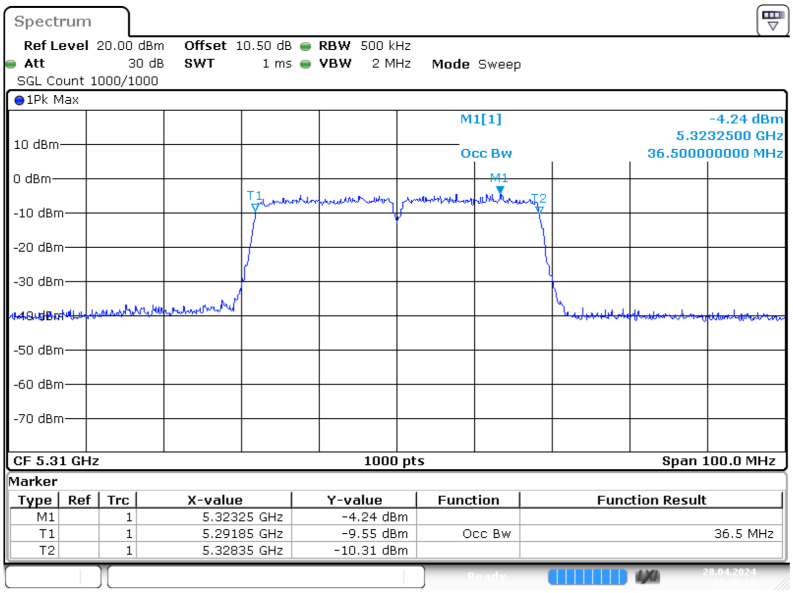
802.11n-HT40 mode, 5270MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 28.APR.2024 15:42:41

802.11n-HT40 mode, 5310MHz

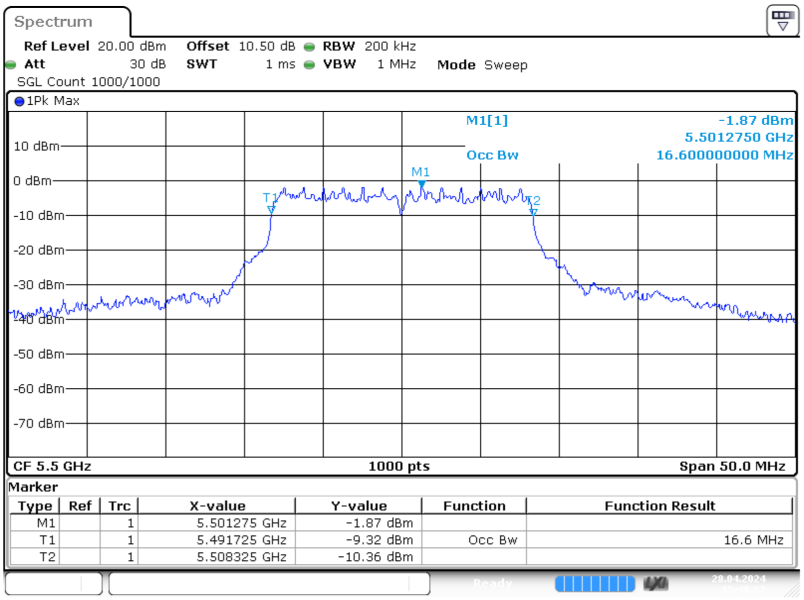


ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 28.APR.2024 15:46:16

5470-5725 MHz Band:

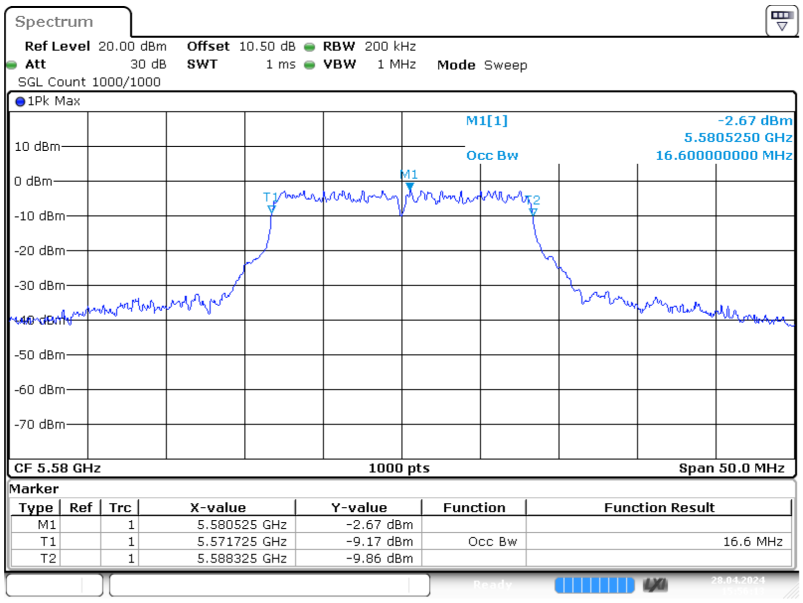
802.11a mode, 5500MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 28.APR.2024 15:48:58

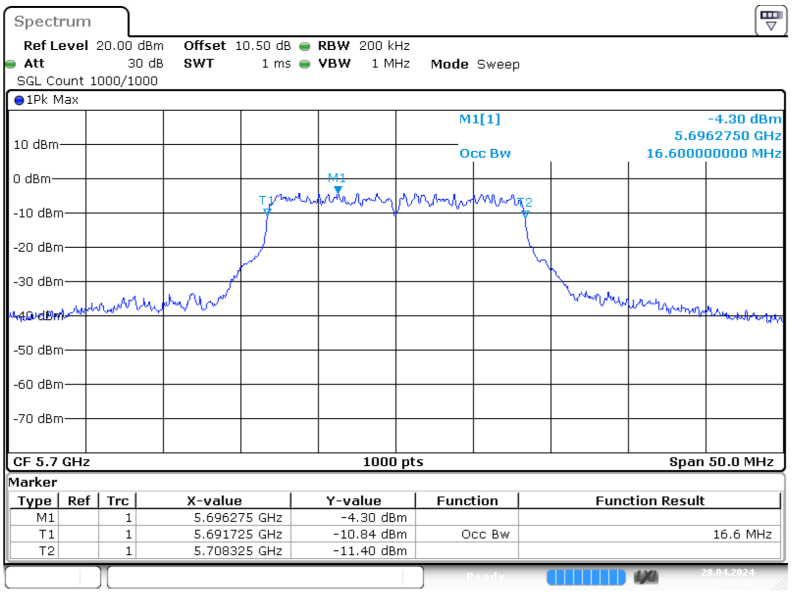
802.11a mode, 5580MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 28.APR.2024 15:56:14

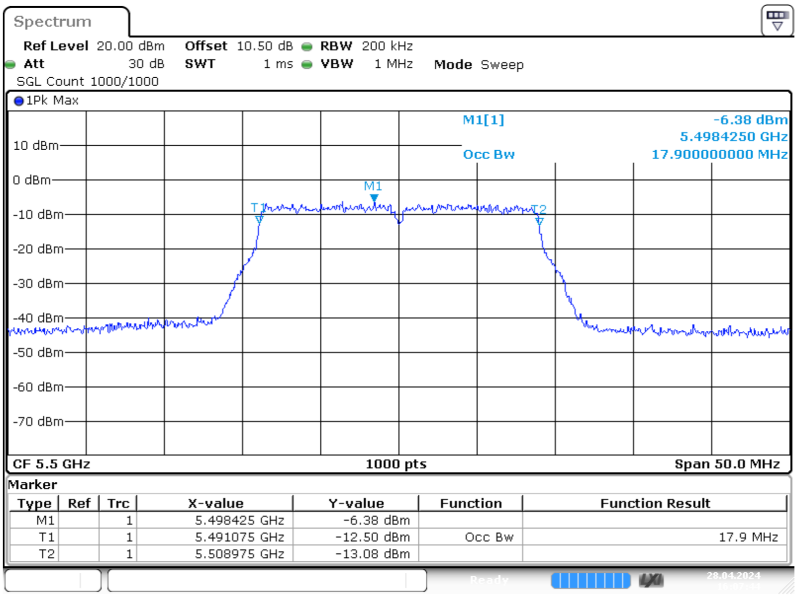
802.11a mode, 5700MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 28.APR.2024 15:59:39

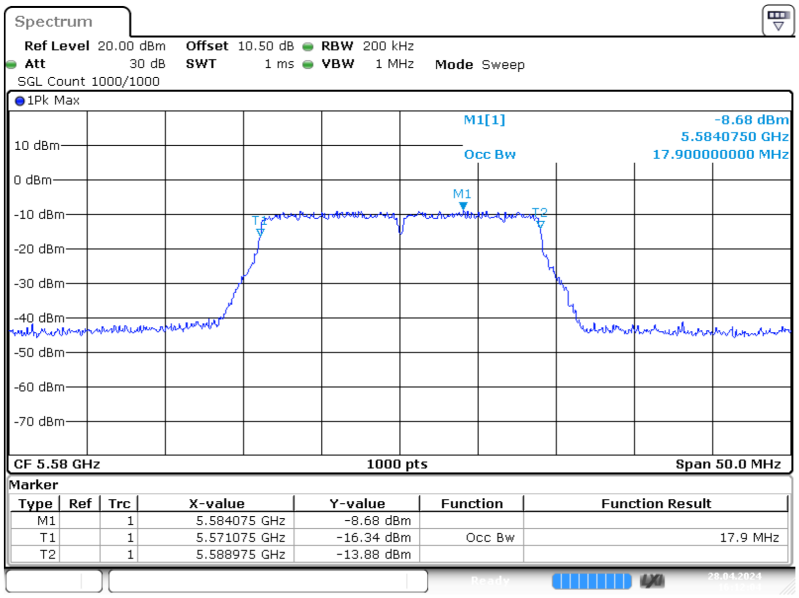
802.11n-HT20 mode, 5500MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 28.APR.2024 16:07:45

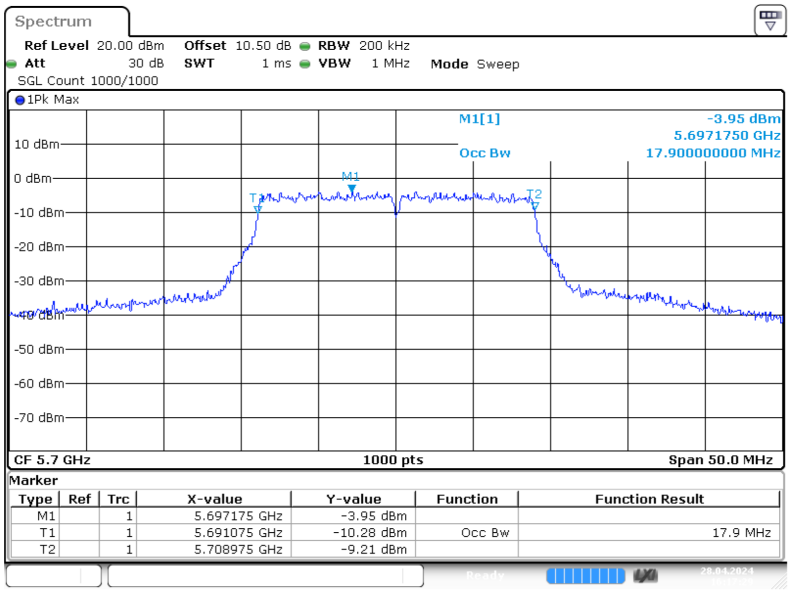
802.11n-HT20 mode, 5580MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 28.APR.2024 16:12:04

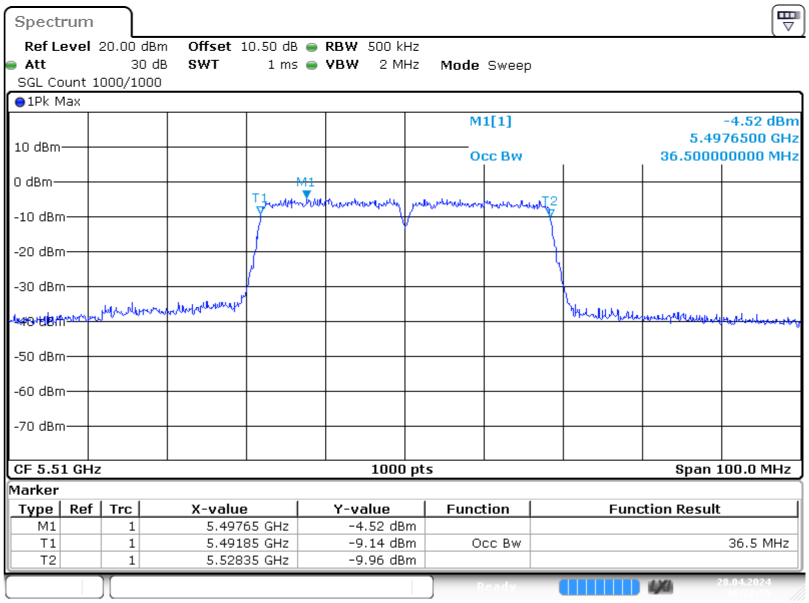
802.11n-HT20 mode, 5700MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 28.APR.2024 16:17:30

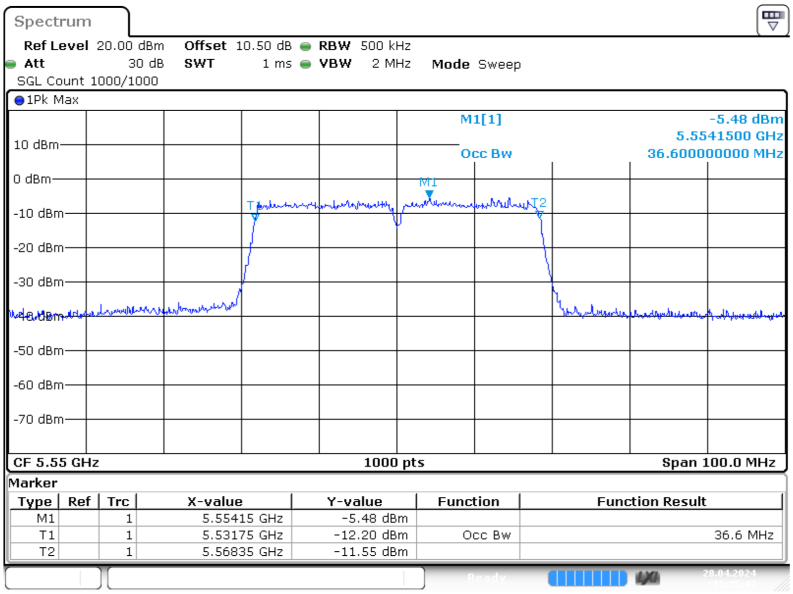
802.11n-HT40 mode, 5510MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 28.APR.2024 16:22:55

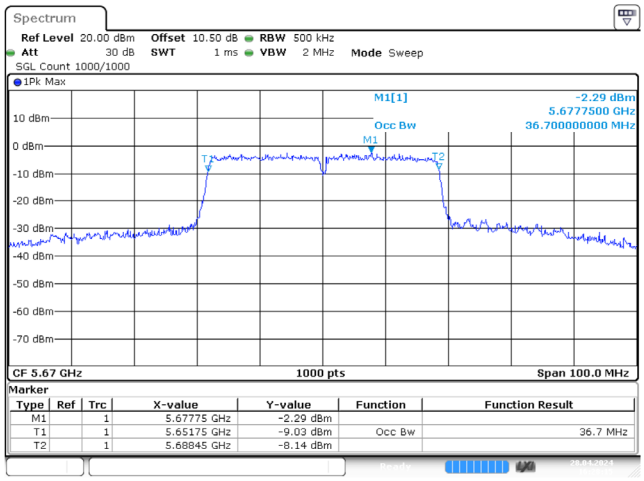
802.11n-HT40 mode, 5550MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 28.APR.2024 16:25:43

802.11n-HT40 mode, 5670MHz

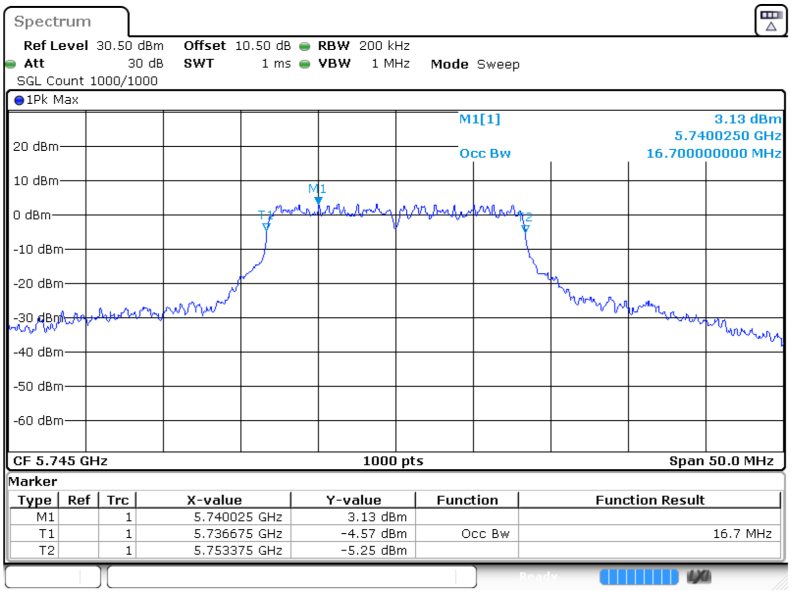


ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 28.APR.2024 16:28:16

5725-5850 MHz Band

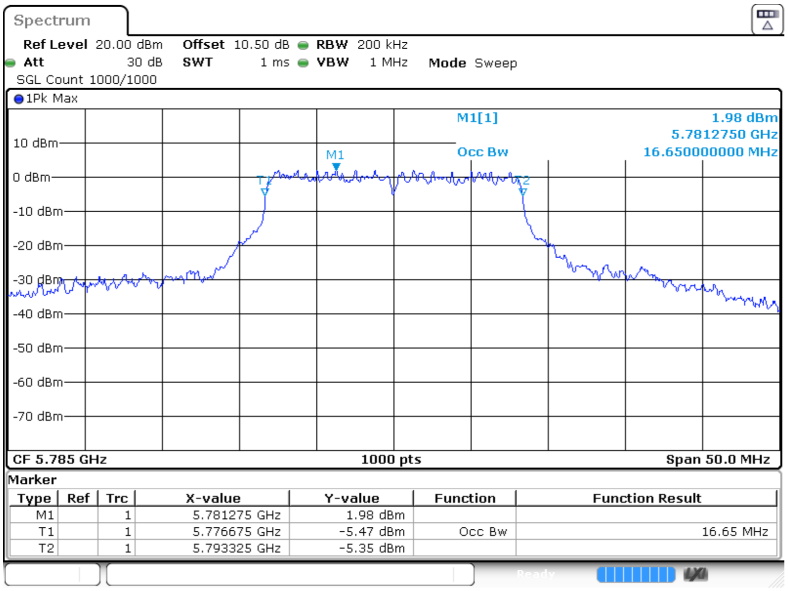
802.11a mode, 5745MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 1.MAY.2024 13:11:04

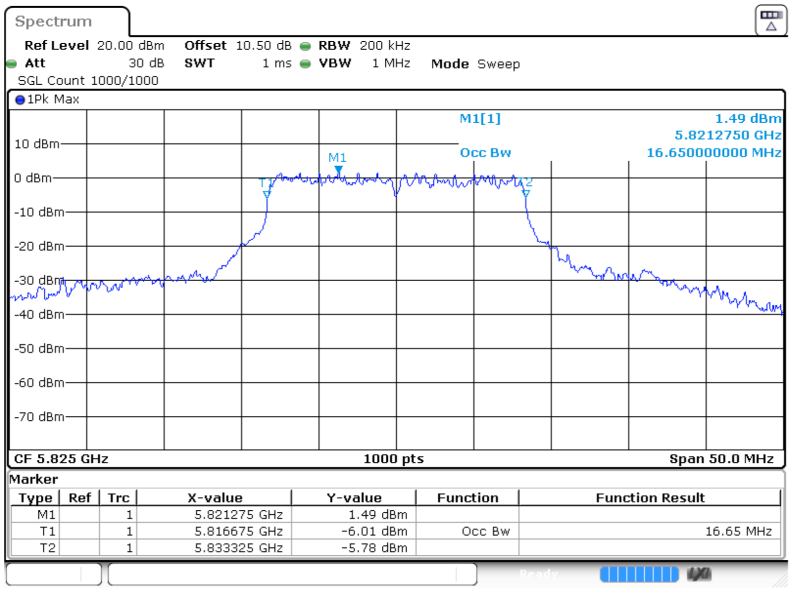
802.11a mode, 5785MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 1.MAY.2024 13:14:20

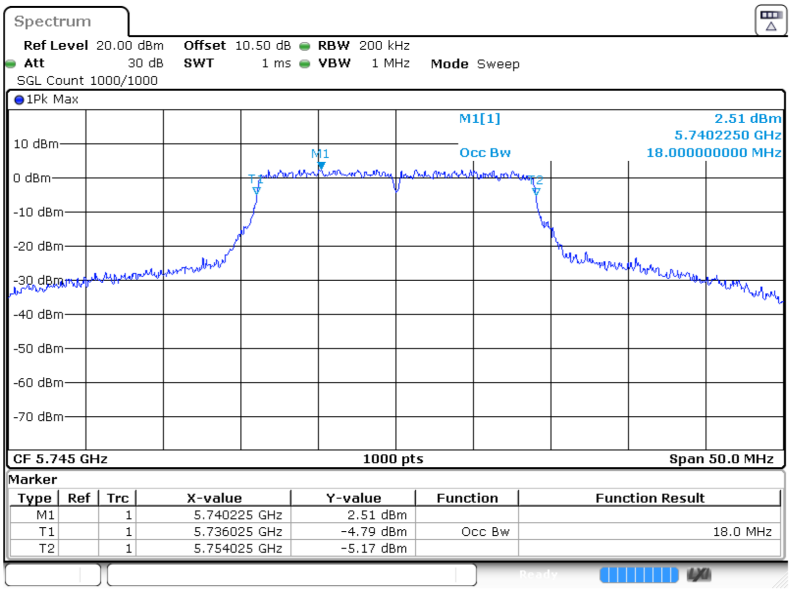
802.11a mode, 5825MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 1.MAY.2024 13:17:14

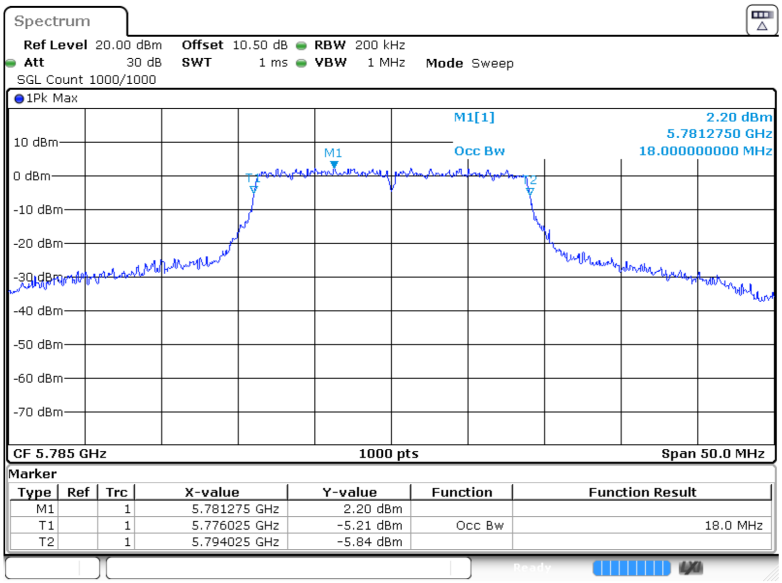
802.11n-HT20 mode, 5745MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 1.MAY.2024 13:20:02

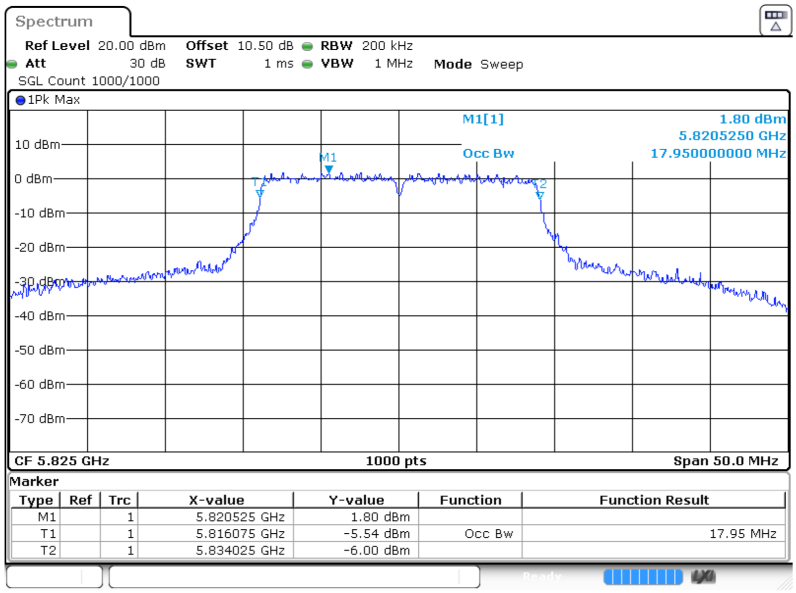
802.11n-HT20 mode, 5785MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 1.MAY.2024 13:23:06

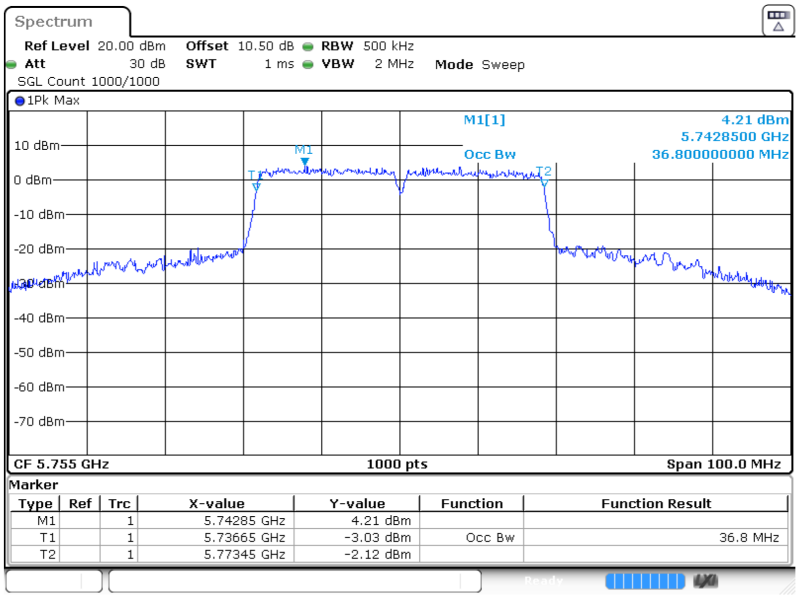
802.11n-HT20 mode, 5825MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 1.MAY.2024 13:28:15

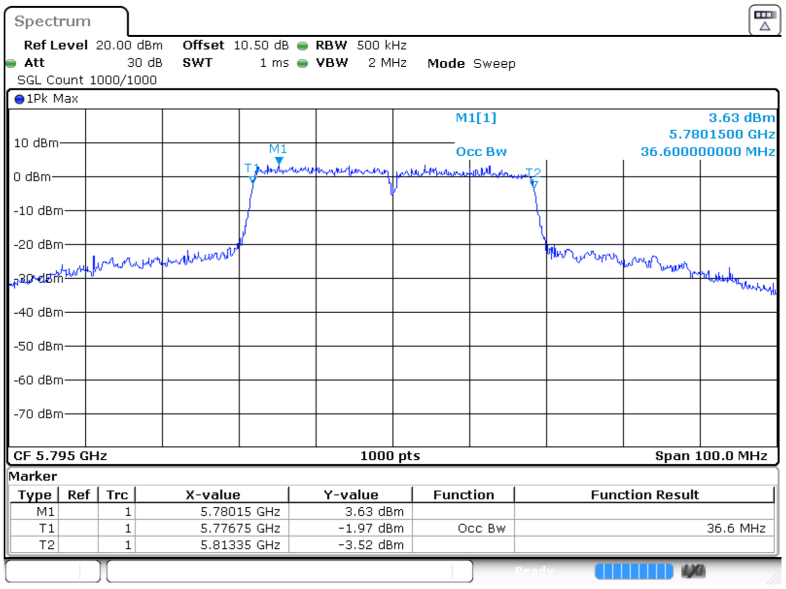
802.11n-HT40 mode, 5755MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 1.MAY.2024 13:31:29

802.11n-HT40 mode, 5795MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 1.MAY.2024 13:33:58

Conducted Transmitter Output Power

Test Mode: Transmitting

Band	Mode	Frequency (MHz)	Conducted Average Power (dBm)	Limit (dBm)
5150-5250 MHz	802.11 a	5180	9.21	24
		5200	8.91	
		5240	11.51	
	802.11 n20	5180	8.94	
		5200	8.87	
		5240	11.52	
	802.11 n40	5190	5.69	
		5230	11.21	

Note：The EUT is client device

Band	Mode	Frequency (MHz)	Conducted Average Power (dBm)	Limit (dBm)
5250-5350 MHz	802.11 a	5260	11.18	24
		5280	11.16	
		5320	6.81	
	802.11 n20	5260	11.27	
		5280	11.17	
		5320	6.82	
	802.11 n40	5270	10.83	
		5310	4.41	

Band	Mode	Frequency (MHz)	Conducted Average Power (dBm)	Limit (dBm)
5470-5725 MHz	802.11 a	5500	7.96	24
		5580	6.18	
		5700	5.81	
	802.11 n20	5500	2.66	
		5580	1.55	
		5700	5.79	
	802.11 n40	5510	5.16	
		5550	3.64	
		5670	4.52	

Band	Mode	Channel	Frequency (MHz)	Conducted Average Power (dBm)	Limit (dBm)
5725-5850 MHz	802.11 a	Low	5745	12.63	30
		Middle	5785	12.15	
		High	5825	11.57	
	802.11 n20	Low	5745	12.68	
		Middle	5785	12.19	
		High	5825	11.58	
	802.11 n40	Low	5755	12.01	
		High	5795	11.62	

Power Spectral Density

Test Mode: Transmitting

Band	Mode	Channel	Frequency (MHz)	Reading (dBm/MHz)	duty cycle factor (dB)	Result (dBm/MHz)	Limit (dBm/MHz)
5150-5250 MHz	802.11 a	Low	5180	-0.56	0.50	-0.06	11
		Middle	5200	-2.93	0.50	-2.43	
		High	5240	-0.32	0.50	0.18	
	802.11 n20	Low	5180	-3.22	0.56	-2.66	
		Middle	5200	-3.34	0.56	-2.78	
		High	5240	-0.36	0.56	0.20	
	802.11 n40	Low	5190	-9.42	0.86	-8.56	
		High	5230	-3.81	0.86	-2.95	

Band	Mode	Channel	Frequency (MHz)	Reading (dBm/MHz)	duty cycle factor (dB)	Result (dBm/MHz)	Limit (dBm/MHz)
5250-5350 MHz	802.11 a	Low	5260	-0.52	0.50	-0.02	11
		Middle	5280	-0.50	0.50	0.00	
		High	5320	-4.71	0.50	-4.21	
	802.11 n20	Low	5260	-1.03	0.53	-0.50	
		Middle	5280	-1.01	0.53	-0.48	
		High	5320	-4.95	0.53	-4.42	
	802.11 n40	Low	5270	-4.30	0.86	-3.44	
		High	5310	-10.32	0.86	-9.46	

Band	Mode	Channel	Frequency (MHz)	Reading (dBm/MHz)	duty cycle factor (dB)	Result (dBm/MHz)	Limit (dBm/MHz)
5470-5725 MHz	802.11 a	Low	5500	-4.08	0.50	-3.58	11
		Middle	5580	-4.01	0.50	-3.51	
		High	5700	-5.12	0.50	-4.62	
	802.11 n20	Low	5500	-8.26	0.53	-7.73	
		Middle	5580	-10.59	0.53	-10.06	
		High	5700	-5.33	0.53	-4.80	
	802.11 n40	Low	5510	-10.54	0.91	-9.63	
		Middle	5550	-12.11	0.91	-11.2	
		High	5670	-8.69	0.91	-7.78	

Band	Mode	Channel	Frequency (MHz)	Reading (dBm/500kHz)	duty cycle factor (dB)	Result (dBm/500kHz)	Limit (dBm/500kHz)
5725-5850 MHz	802.11 a	Low	5745	-0.70	0.50	-0.20	30
		Middle	5785	-1.87	0.50	-1.37	
		High	5825	-2.25	0.50	-1.75	
	802.11 n20	Low	5745	-1.45	0.56	-0.89	
		Middle	5785	-1.80	0.56	-1.24	
		High	5825	-2.59	0.56	-2.03	
	802.11 n40	Low	5755	-4.95	0.91	-4.04	
		High	5795	-5.01	0.91	-4.10	

Note: Result= Reading+ duty cycle factor