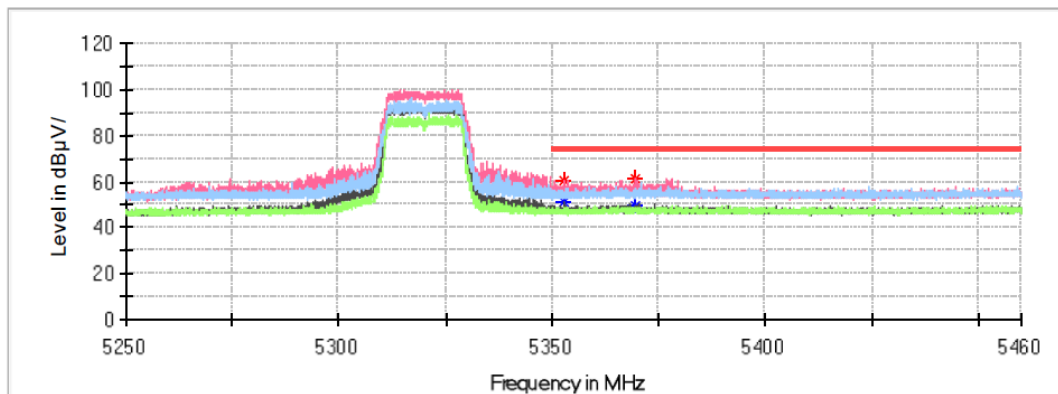


Common Information

Project No.: RSHA240124001
Test Mode: 5G WIFI Transmitting in 802.11n20 mode high channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Destine Hu

Full Spectrum



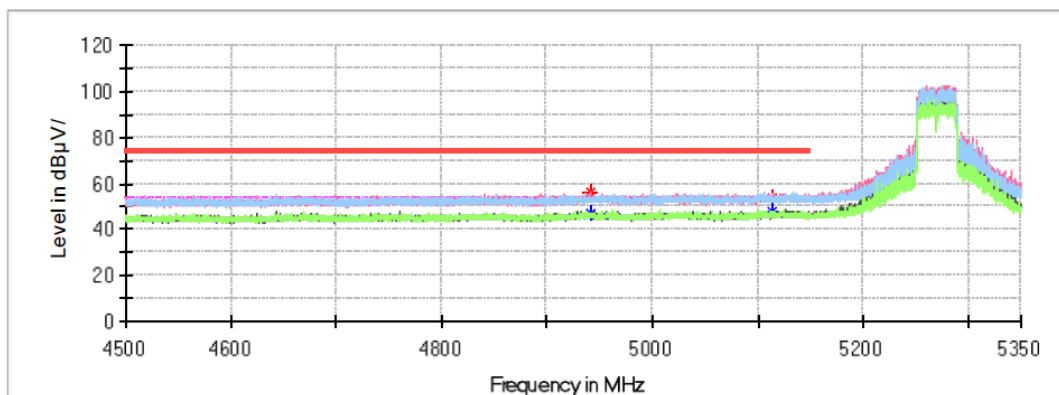
Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5352.795000	---	51.40	54.00	2.60	V	8.7
5352.795000	60.66	---	74.00	13.34	V	8.7
5369.301000	---	49.63	54.00	4.37	H	8.8
5369.301000	61.32	---	74.00	12.68	H	8.8

802.11n-HT40 Mode:**Common Information**

Project No.: RSHA240124001
Test Mode: 5G WIFI Transmitting in 802.11n40 mode low channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Destine Hu

Full Spectrum

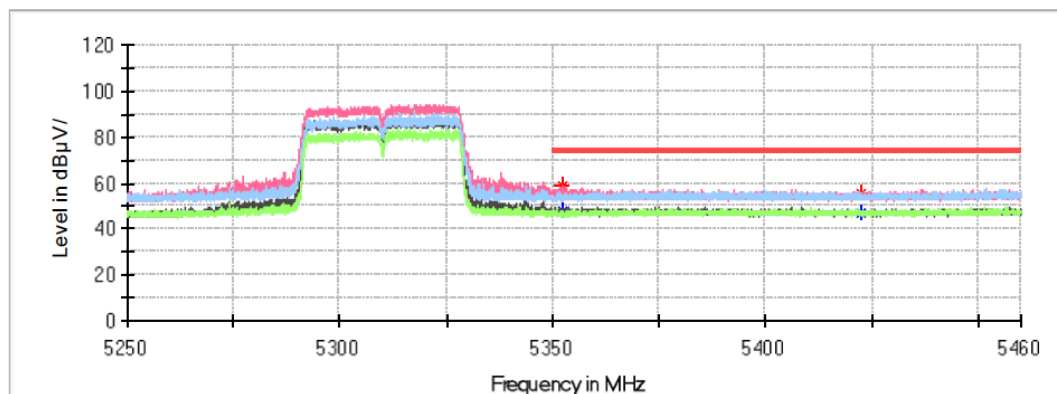
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
4942.000000	---	47.40	54.00	6.60	V	7.6
4942.000000	56.50	---	74.00	17.50	V	7.6
5113.870000	---	47.70	54.00	6.30	H	8.1
5113.870000	53.60	---	74.00	20.40	H	8.1

Common Information

Project No.: RSHA240124001
Test Mode: 5G WIFI Transmitting in 802.11n40 mode high channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Destine Hu

Full Spectrum



Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5352.501000	---	47.54	54.00	6.46	V	8.7
5352.501000	58.94	---	74.00	15.06	V	8.7
5422.452000	---	47.40	54.00	6.60	H	8.9
5422.452000	55.55	---	74.00	18.45	H	8.9

Band Edge Emissions Test (5470-5725MHz Band):

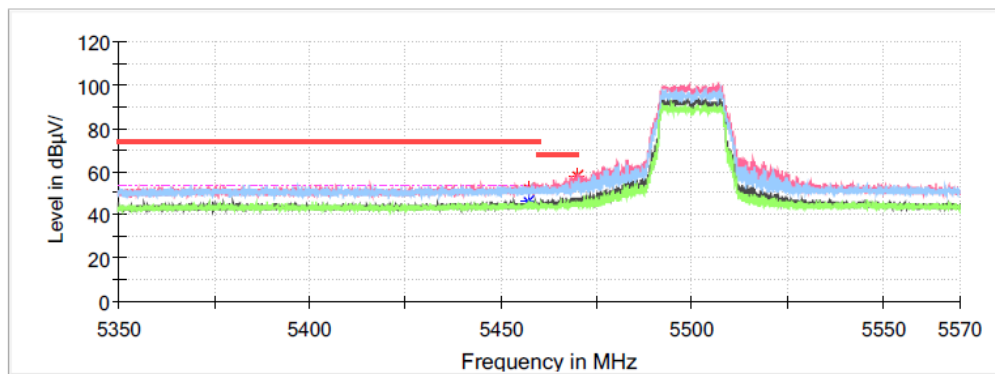
Note:

1. Corrected Factor = Antenna factor (RX) + Cable Loss – Amplifier Factor
2. Corrected Amplitude = Corrected Factor + Reading
3. Margin = Limit - Corrected. Amplitude

802.11a Mode:**Common Information**

Project No.:	RSHA240124001
Test Mode:	5G Wi-Fi
Standard:	FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer:	Destine Hu

Full Spectrum

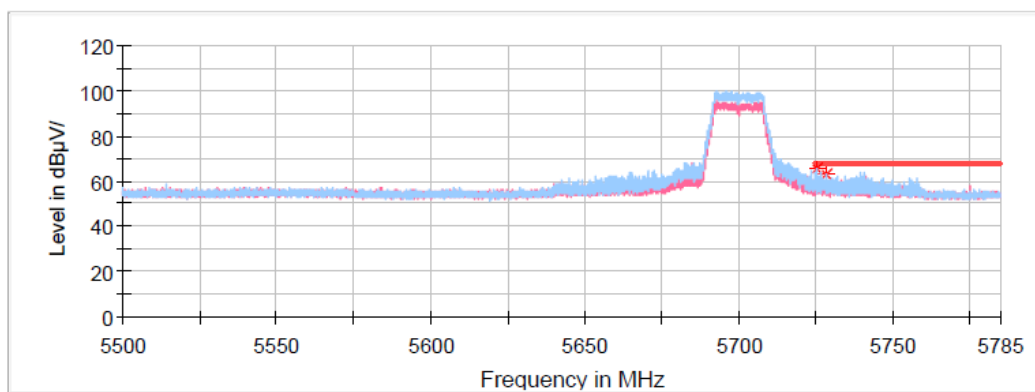
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5456.986000	51.82	---	74.00	22.18	V	5.0
5456.986000	---	46.43	54.00	7.57	V	5.0
5469.834000	57.68	---	68.20	10.52	V	5.0

Common Information

Project No.: RSHA240124001
Test Mode: 5G WIFI Transmitting in 802.11a mode high channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Destine Hu

Full Spectrum



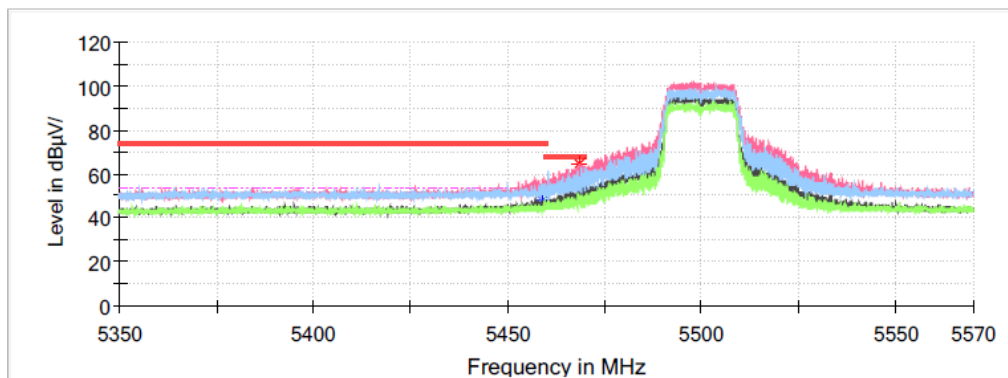
Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5725.292500	65.19	---	68.20	3.01	H	8.9
5728.655500	63.05	---	68.20	5.15	H	8.9

802.11n-HT20 Mode:**Common Information**

Project No.: RSHA240124001
Test Mode: 5G Wi-Fi
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Destine Hu

Full Spectrum

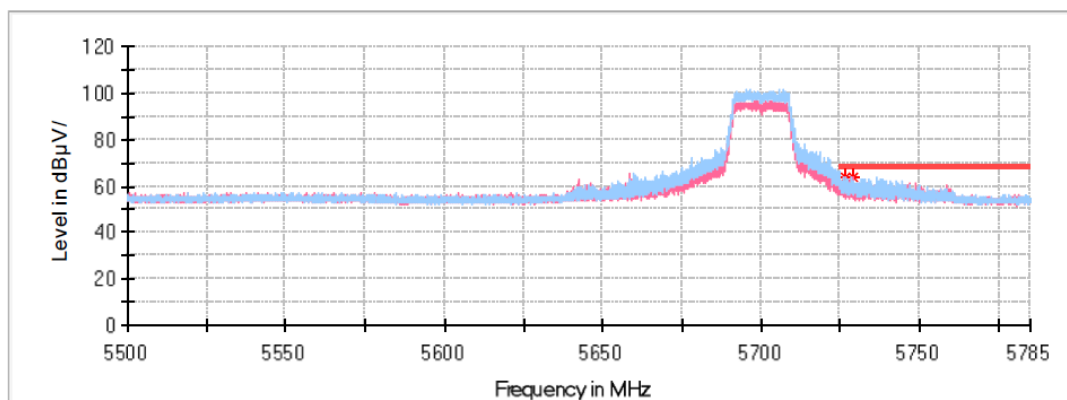
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5459.208000	53.73	---	74.00	20.27	V	5.0
5459.208000	---	47.79	54.00	6.21	V	5.0
5468.404000	64.25	---	68.20	3.95	V	5.0

Common Information

Project No.: RSHA240124001
Test Mode: 5G WIFI Transmitting in 802.11n20 mode high channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Destine Hu

Full Spectrum



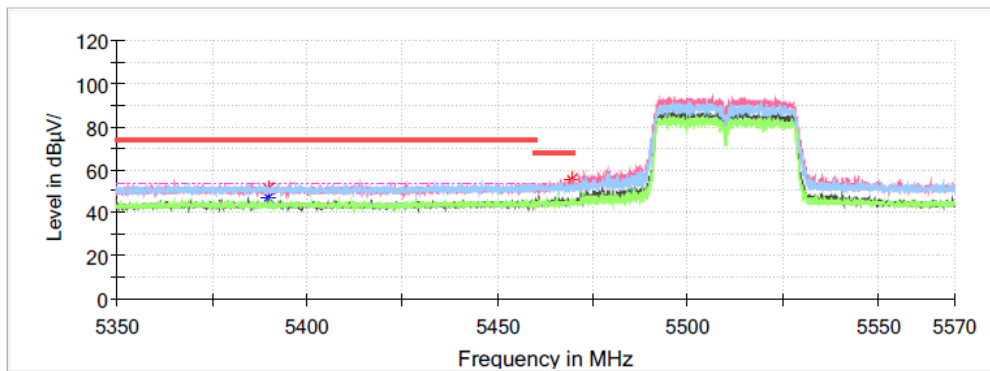
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5726.888500	64.00	---	68.20	4.20	H	8.9
5728.826500	63.84	---	68.20	4.36	V	8.9

802.11n-HT40 Mode:**Common Information**

Project No.: RSHA240124001
Test Mode: 5G Wi-Fi
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Destine Hu

Full Spectrum

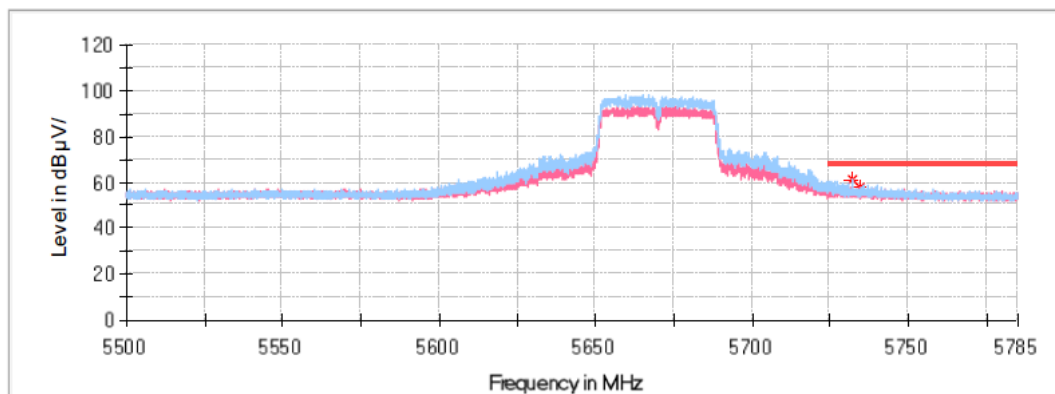
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5389.820000	51.56	---	74.00	22.44	H	4.8
5389.820000	---	46.64	54.00	7.36	H	4.8
5469.504000	55.38	---	68.20	12.82	V	5.0

Common Information

Project No.: RSHA240124001
Test Mode: 5G WIFI Transmitting in 802.11n40 mode high channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Destine Hu

Full Spectrum



Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5732.275000	60.87	---	68.20	7.33	H	8.9
5734.583500	57.72	---	68.20	10.48	V	8.9

Bandedge Emissions Test (5725-5850MHz Band):

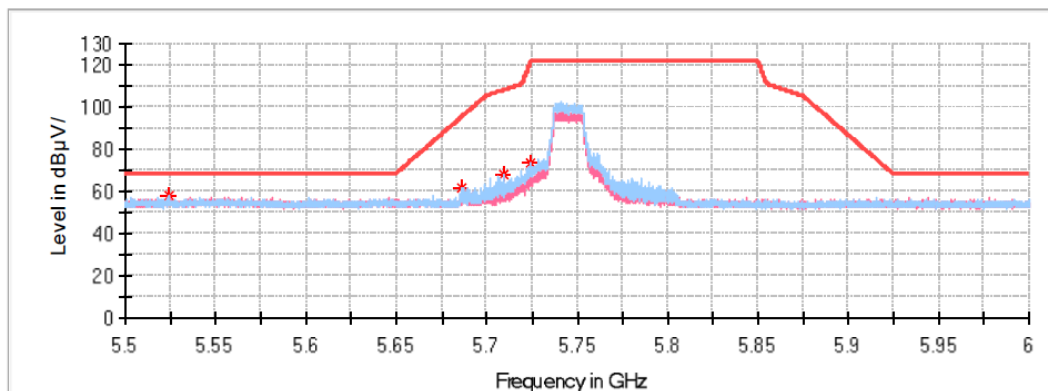
Note:

1. Corrected Factor = Antenna factor (RX) + Cable Loss – Amplifier Factor
2. Corrected Amplitude = Corrected Factor + Reading
3. Margin = Limit - Corrected. Amplitude

802.11a Mode:**Common Information**

Project No.:	RSHA240124001
Test Mode:	5G WIFI Transmitting in 802.11a mode low channel
Standard:	FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer:	Destine Hu

Full Spectrum

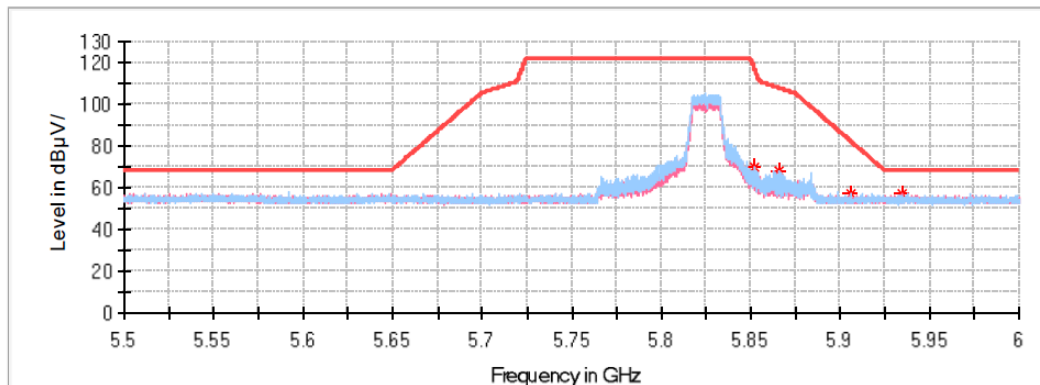
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5523.800000	57.78	---	68.20	10.42	H	9.1
5685.850000	62.19	---	94.73	32.54	H	8.9
5709.750000	68.24	---	107.93	39.69	H	8.9
5723.750000	73.21	---	119.35	46.14	H	8.9

Common Information

Project No.: RSHA240124001
Test Mode: 5G WIFI Transmitting in 802.11a mode high channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Destine Hu

Full Spectrum



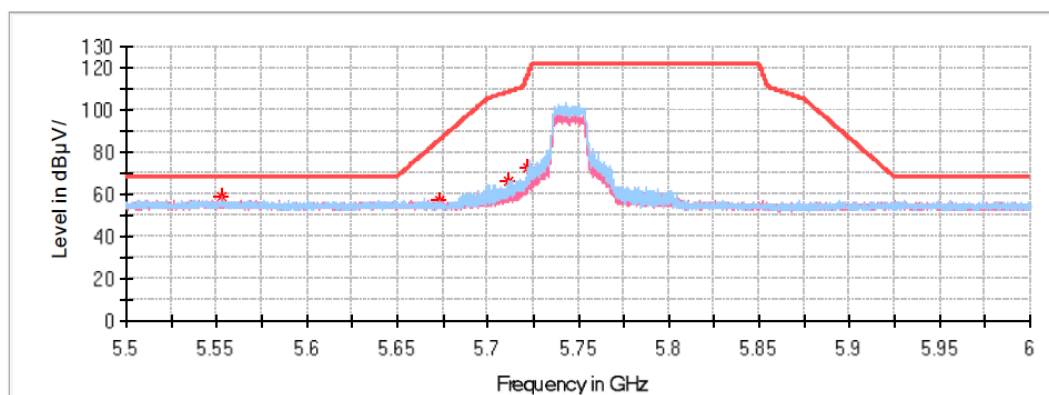
Critical_Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5851.550000	69.72	---	118.67	48.94	H	8.7
5866.050000	67.86	---	107.71	39.84	H	8.7
5906.050000	57.29	---	82.22	24.93	H	8.7
5934.850000	57.44	---	68.20	10.76	V	8.6

802.11n-HT20 Mode:**Common Information**

Project No.: RSHA240124001
Test Mode: 5G WIFI Transmitting in 802.11n20 mode low channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Destine Hu

Full Spectrum

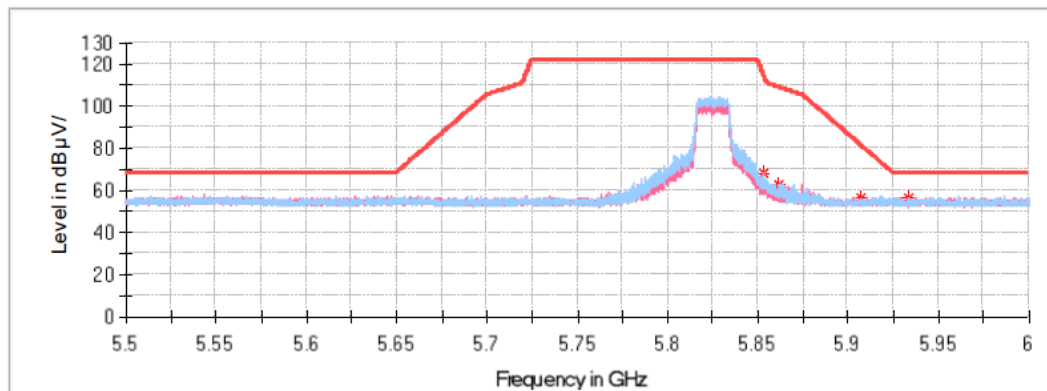
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5553.300000	58.65	---	68.20	9.55	V	9.1
5673.100000	57.15	---	85.29	28.15	V	8.9
5711.450000	66.52	---	108.41	41.88	H	8.9
5721.850000	73.07	---	115.02	41.94	H	8.9

Common Information

Project No.: RSHA240124001
Test Mode: 5G WIFI Transmitting in 802.11n20 mode high channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Destine Hu

Full Spectrum



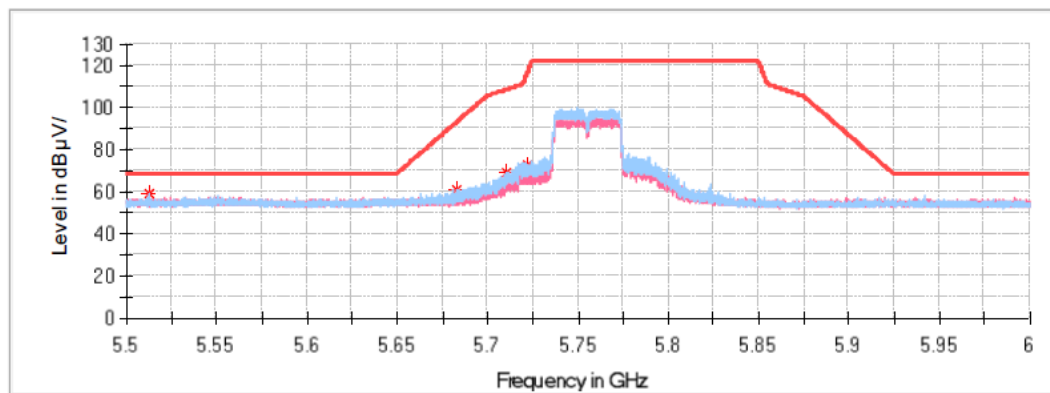
Critical Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5853.350000	68.30	---	114.56	46.26	H	8.7
5861.150000	63.11	---	109.08	45.97	H	8.7
5906.700000	56.76	---	81.74	24.98	V	8.7
5933.150000	56.78	---	68.20	11.42	H	8.7

802.11n-HT40 Mode:**Common Information**

Project No.: RSHA240124001
Test Mode: 5G WIFI Transmitting in 802.11n40 mode low channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Destine Hu

Full Spectrum

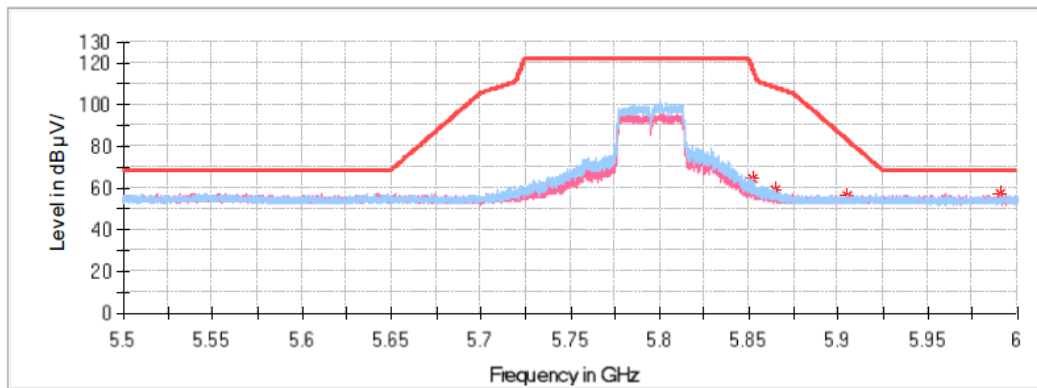
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5512.500000	58.82	---	68.20	9.38	H	9.1
5682.900000	60.91	---	92.55	31.64	H	8.9
5710.150000	68.77	---	108.04	39.27	H	8.9
5722.100000	72.65	---	115.59	42.93	H	8.9

Common Information

Project No.: RSHA240124001
Test Mode: 5G WIFI Transmitting in 802.11n40 mode high channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.407
Test Engineer: Destine Hu

Full Spectrum



Critical Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
5852.450000	64.35	---	116.61	52.26	H	8.7
5864.850000	59.07	---	108.04	48.97	H	8.7
5905.100000	56.69	---	82.93	26.24	H	8.7
5991.000000	57.64	---	68.20	10.56	V	8.6

EMISSION BANDWIDTH**Test Result:** Compliant*5150-5250 MHz:*

Test mode	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
802.11 a	Low	5180	21.52	16.60
	Middle	5200	21.58	16.60
	High	5240	22.90	16.65
802.11 n20	Low	5180	21.76	17.850
	Middle	5200	21.87	17.90
	High	5240	24.06	17.90
802.11 n40	Low	5190	40.30	36.40
	High	5230	61.12	36.60

Note: the 99% Occupied Bandwidth have not fall into the band 5250-5350MHz.

5250-5350 MHz:

Test mode	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
802.11 a	Low	5260	21.62	16.65
	Middle	5280	21.67	16.65
	High	5320	21.41	16.55
802.11 n20	Low	5260	23.14	17.90
	Middle	5280	22.62	17.85
	High	5320	21.98	17.80
802.11 n40	Low	5270	64.84	36.60
	High	5310	40.30	36.50

5470-5725 MHz:

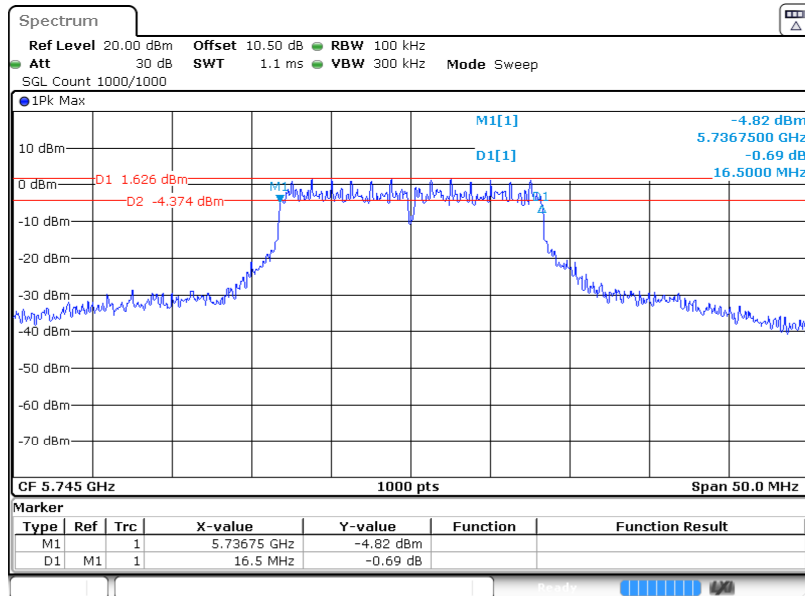
Test mode	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
802.11 a	Low	5500	27.90	16.60
	Middle	5580	21.67	16.60
	High	5700	21.80	16.60
802.11 n20	Low	5500	21.95	17.90
	Middle	5580	21.62	17.90
	High	5700	22.88	17.90
802.11 n40	Low	5510	40.20	36.50
	Middle	5550	40.30	36.60
	High	5670	46.10	36.70

5725-5850MHz:

Test mode	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
802.11 a	Low	5745	33.01	16.70
	Middle	5785	27.55	16.65
	High	5825	24.01	16.65
802.11 n20	Low	5745	29.01	18.00
	Middle	5785	31.17	18.00
	High	5825	30.67	17.95
802.11 n40	Low	5755	63.62	36.80
	High	5795	63.69	36.60

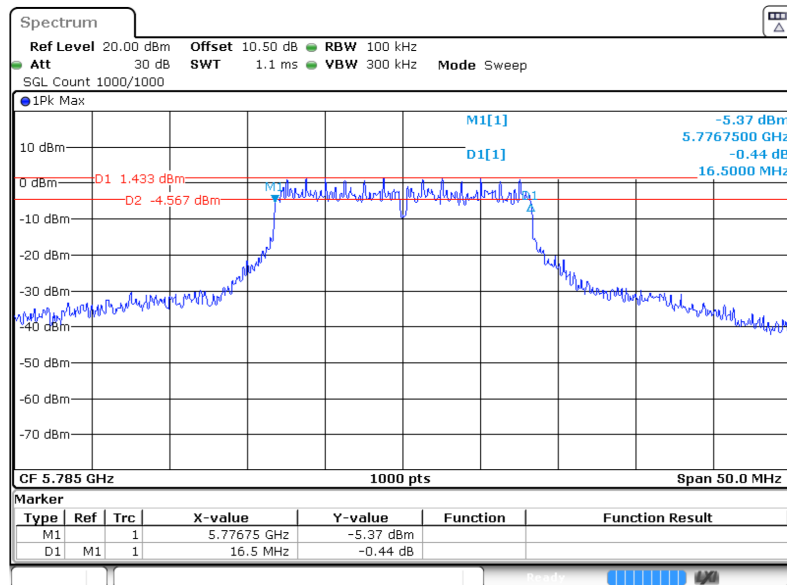
Note: the 99% Occupied Bandwidth have not fall into the band 5470-5725MHz.

Test mode	Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
802.11 a	Low	5745	16.50	0.5
	Middle	5785	16.50	
	High	5825	16.50	
802.11 n20	Low	5745	17.85	
	Middle	5785	17.85	
	High	5825	17.85	
802.11 n40	Low	5755	36.70	
	High	5795	36.70	

**6dB Bandwidth
5725-5850 MHz Band****802.11a mode, 5745MHz**

ProjectNo.: RSHA240124001 Tester: Bard Liu

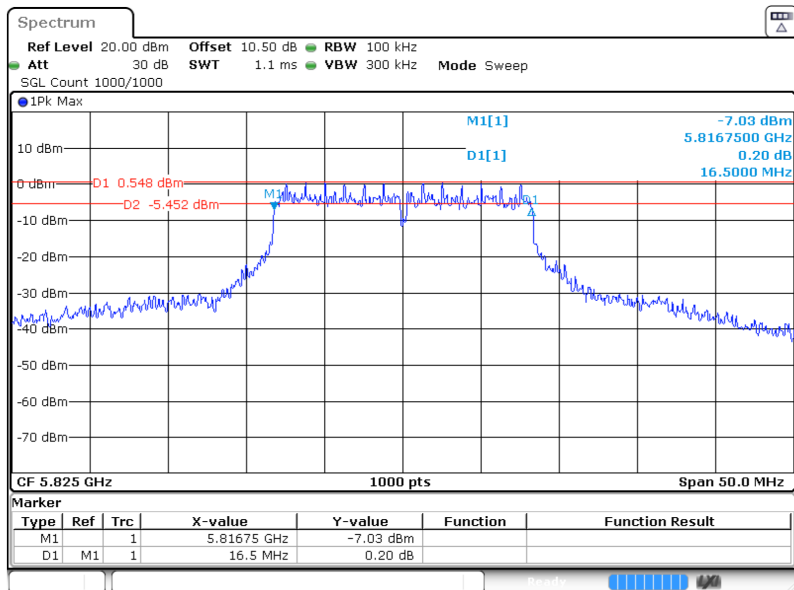
Date: 1.MAY.2024 13:13:05

802.11a mode, 5785MHz

ProjectNo.: RSHA240124001 Tester: Bard Liu

Date: 1.MAY.2024 13:16:03

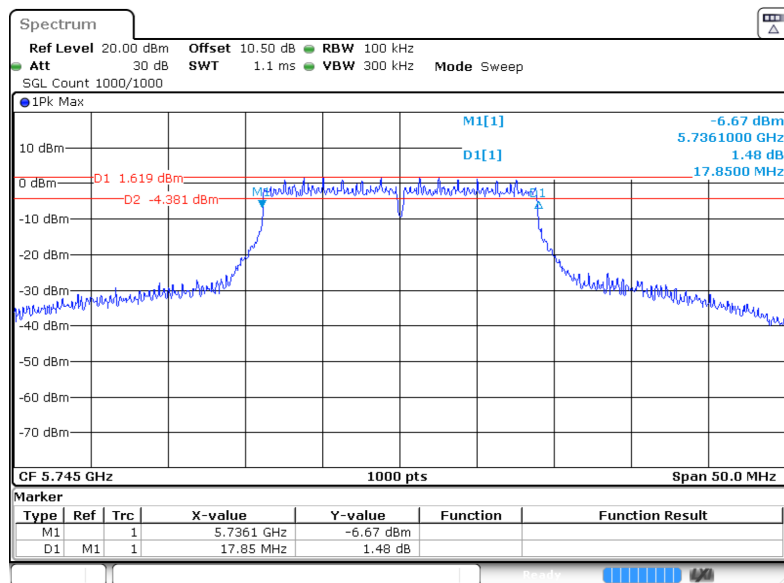
802.11a mode, 5825MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 1.MAY.2024 13:18:50

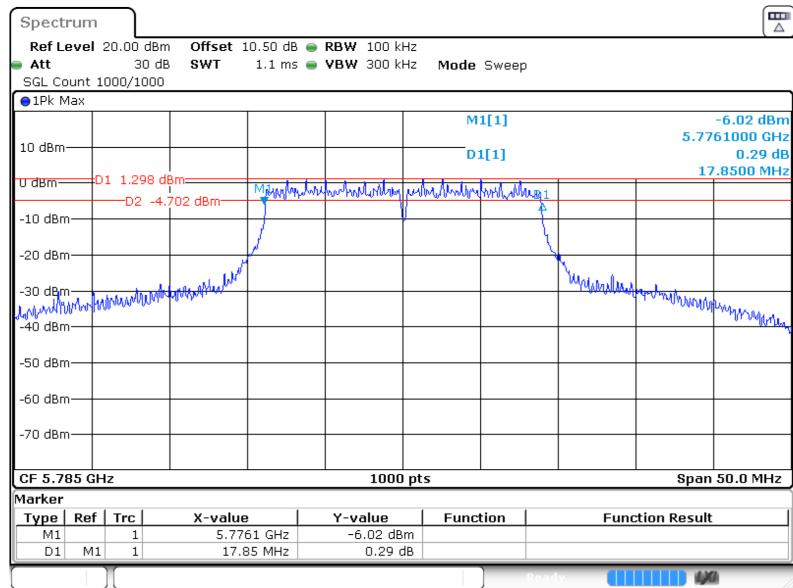
802.11n-HT20 mode, 5745MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 1.MAY.2024 13:22:00

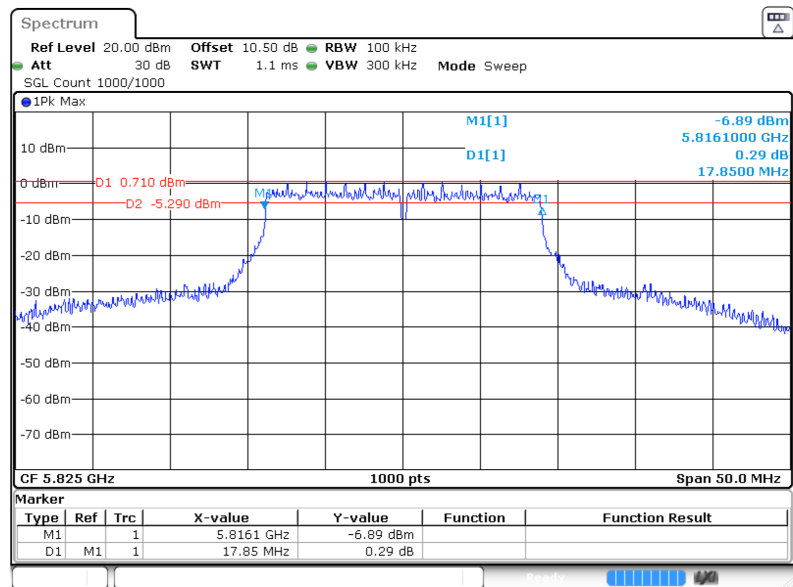
802.11n-HT20 mode, 5785MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 1.MAY.2024 13:24:51

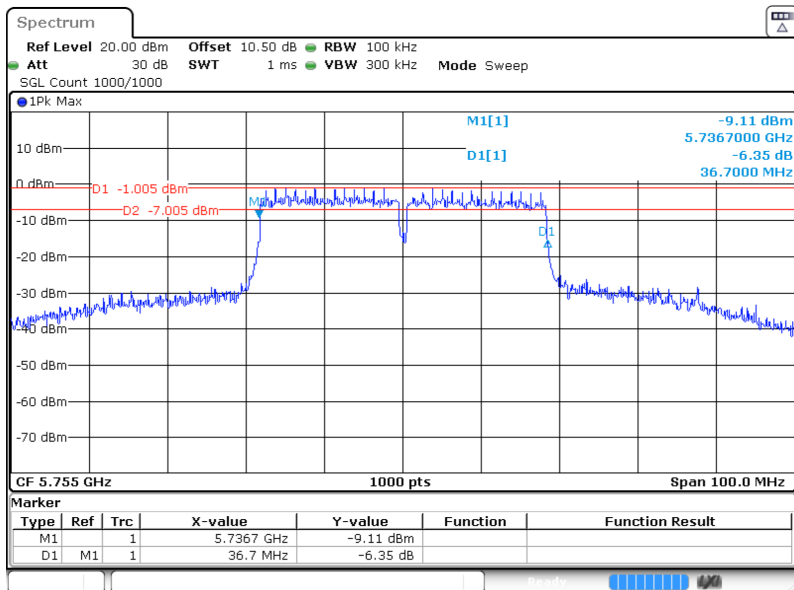
802.11n-HT20 mode, 5825MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 1.MAY.2024 13:30:05

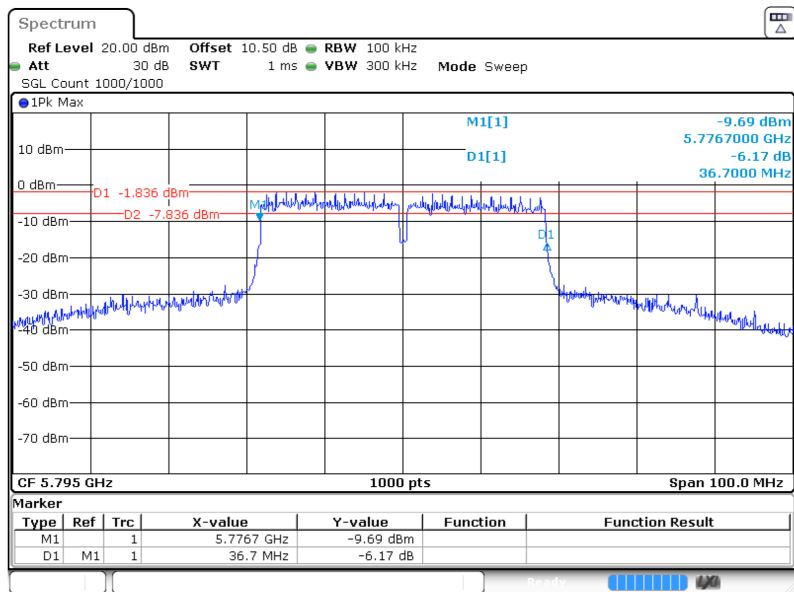
802.11n-HT40 mode, 5755MHz



ProjectNo.: RSHA240124001 Tester: Bard Liu

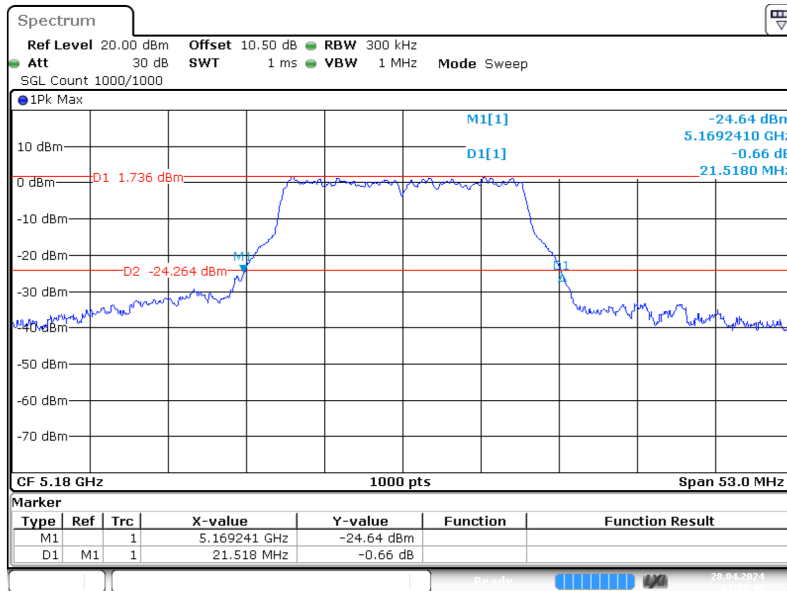
Date: 1 MAY 2024 13:32:48

802.11n-HT40 mode, 5795MHz



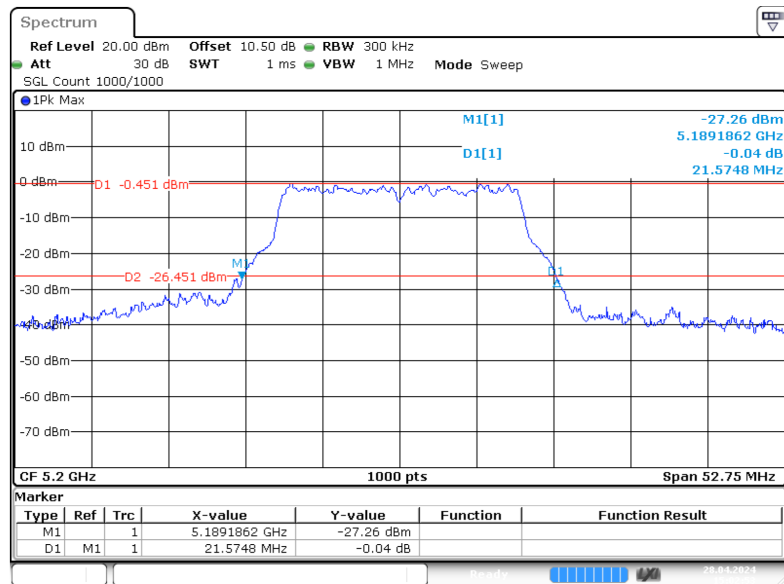
ProjectNo.: RSHA240124001 Tester: Bard Liu

Date: 1 MAY 2024 13:35:22

26 Bandwidth**5150-5250 MHz Band:****802.11a mode, 5180MHz**

ProjectNo.: RSHA240124001 Tester: Bard Liu

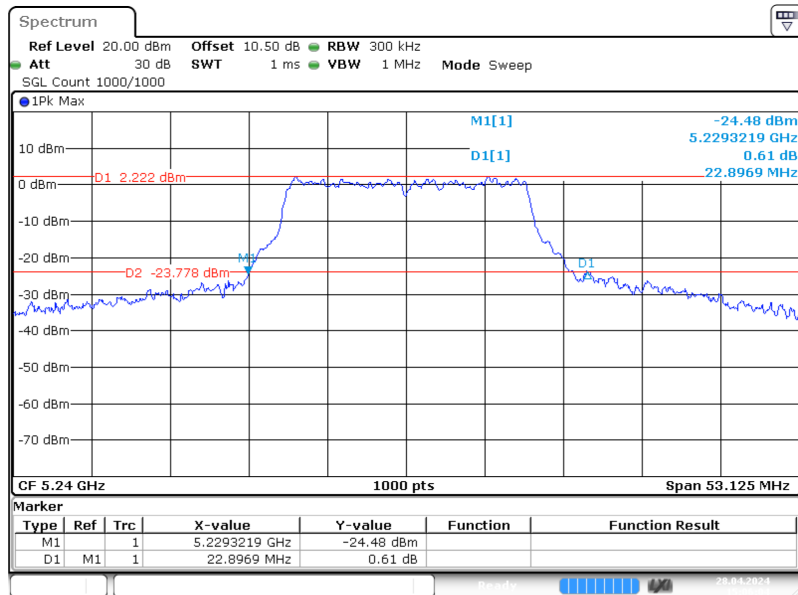
Date: 28.APR.2024 14:59:48

802.11a mode, 5200MHz

ProjectNo.: RSHA240124001 Tester: Bard Liu

Date: 28.APR.2024 15:02:54

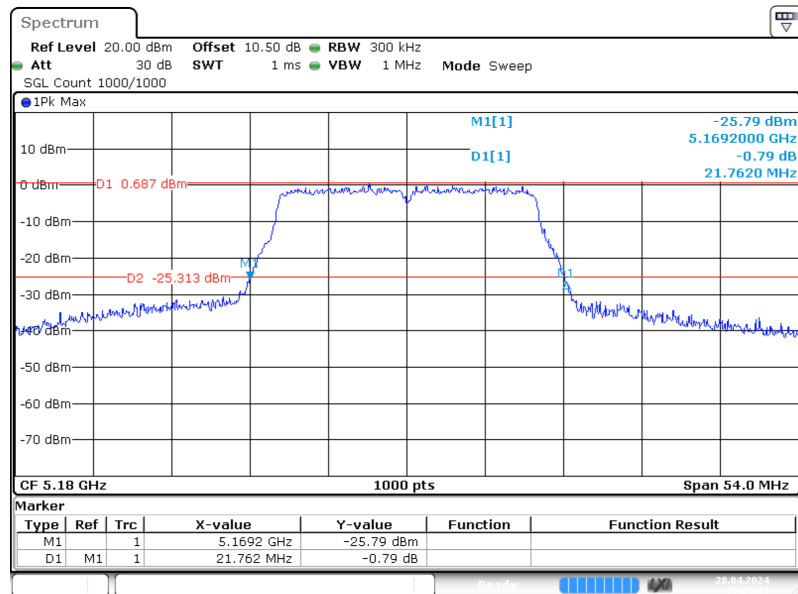
802.11a mode, 5240MHz



ProjectNo.: RSHA240124001 Tester: Bard Liu

Date: 28 APR 2024 15:06:05

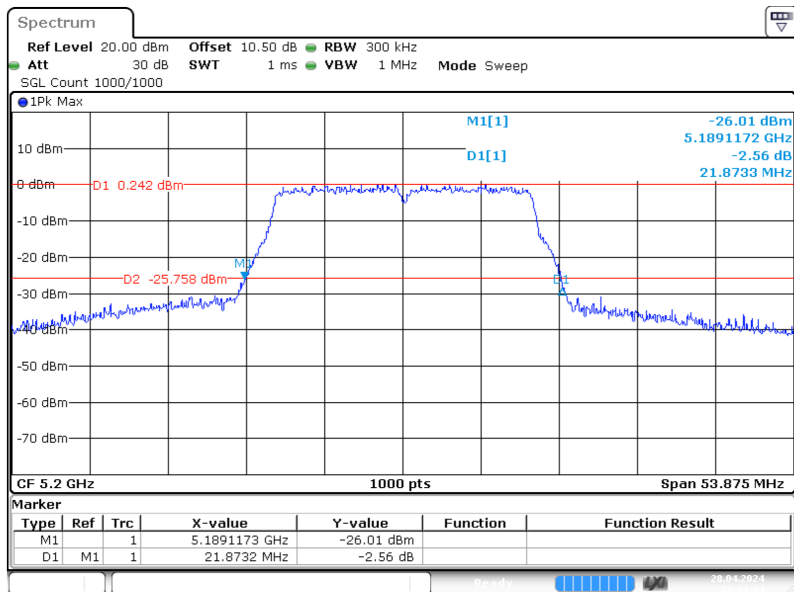
802.11n-HT20 mode, 5180MHz



ProjectNo.: RSHA240124001 Tester: Bard Liu

Date: 28 APR 2024 15:09:04

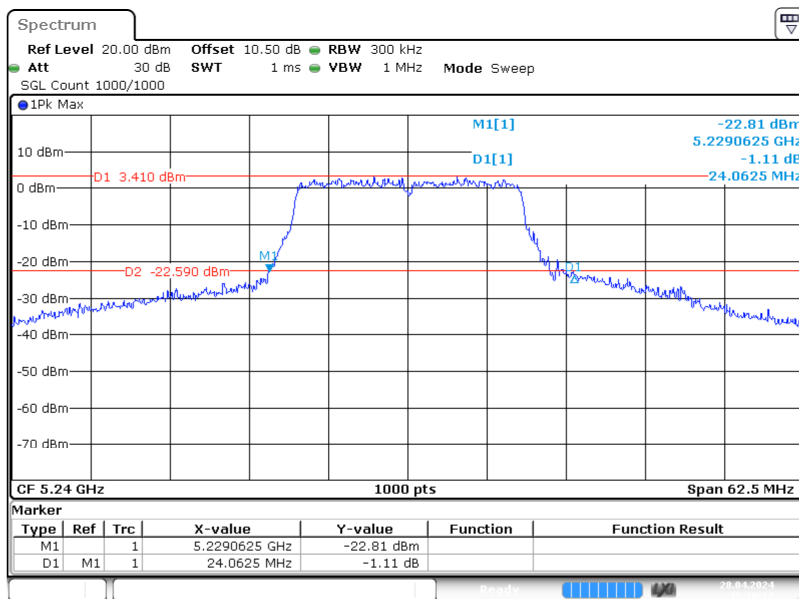
802.11n-HT20 mode, 5200MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 28.APR.2024 15:13:04

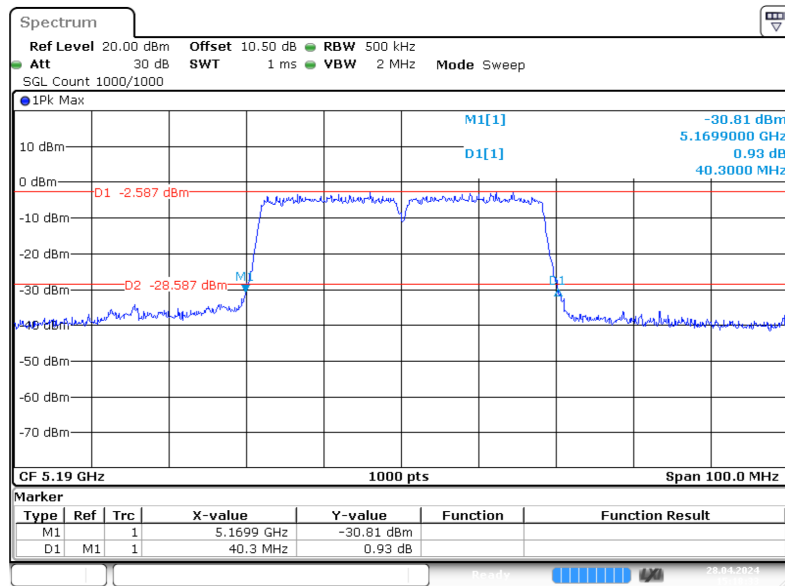
802.11n-HT20 mode, 5240MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 28.APR.2024 15:16:18

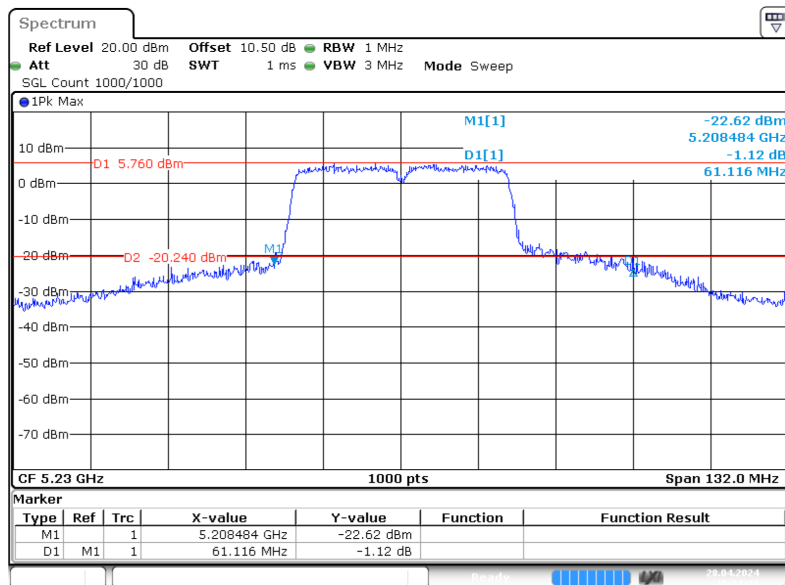
802.11n-HT40 mode, 5190MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 28.APR.2024 15:18:34

802.11n-HT40 mode, 5230MHz

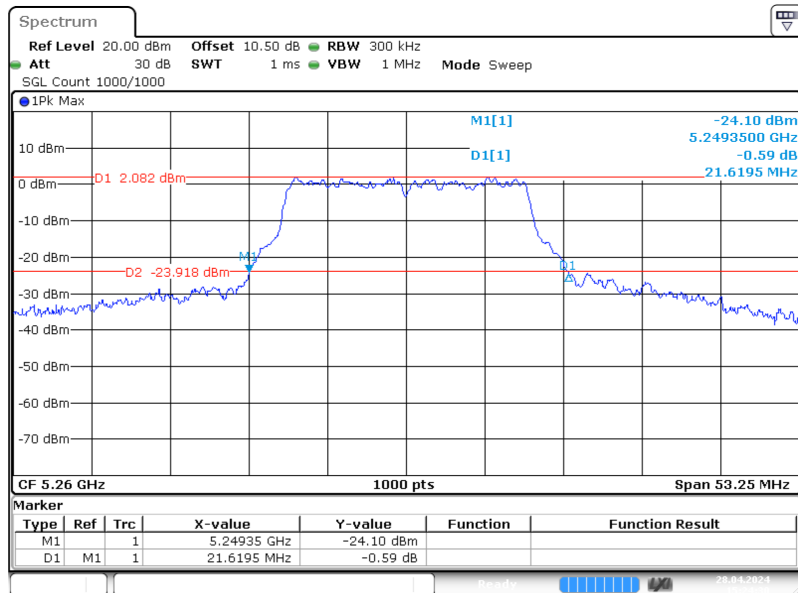


ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 28.APR.2024 15:21:18

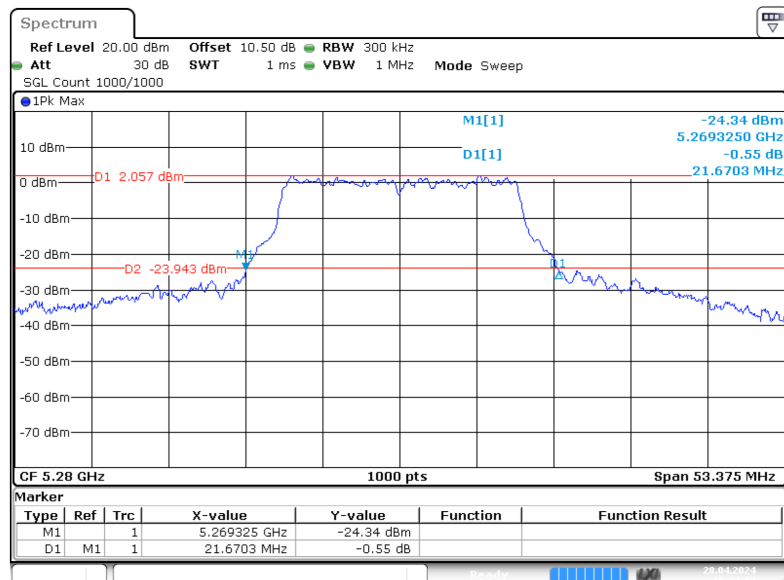
5250-5350 MHz Band:

802.11a mode, 5260MHz



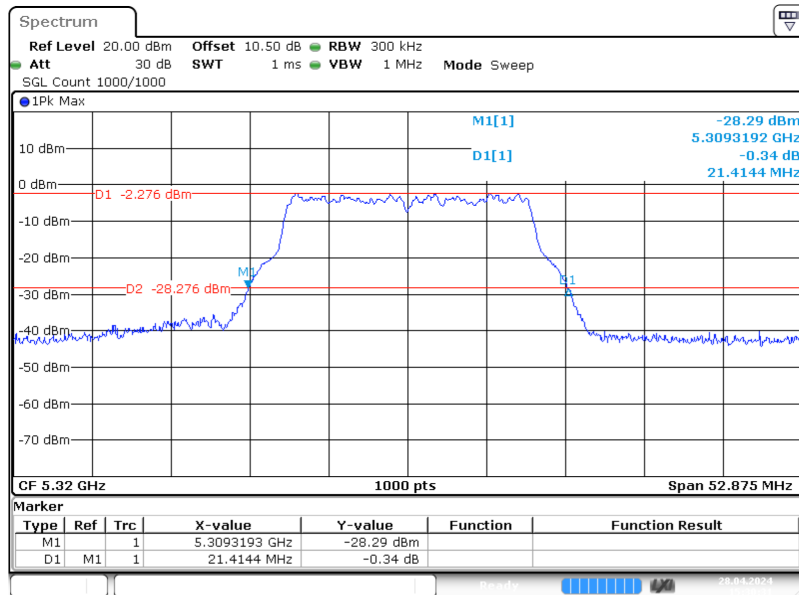
ProjectNo.: RSHA240124001 Tester: Bard Liu
Date: 28.APR.2024 15:24:30

802.11a mode, 5280MHz



ProjectNo.: RSHA240124001 Tester: Bard Liu
Date: 28.APR.2024 15:27:54

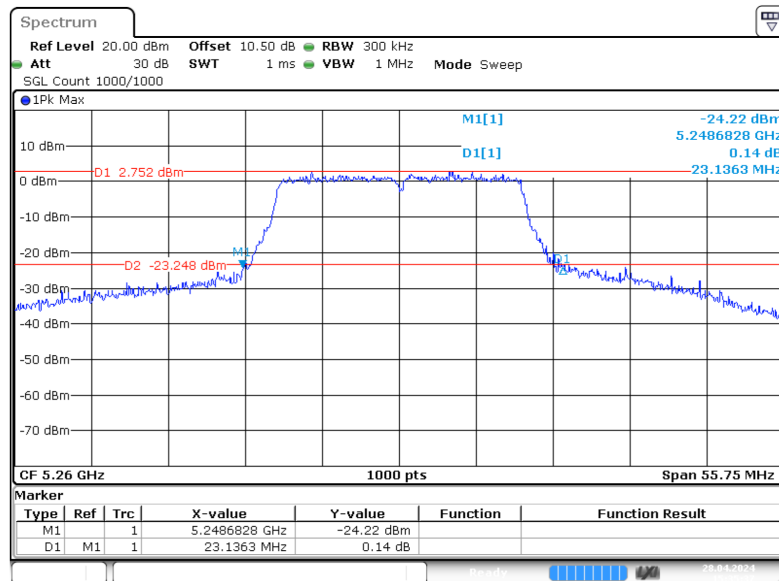
802.11a mode, 5320MHz



ProjectNo.: RSHA240124001 Tester: Bard Liu

Date: 28. APR. 2024 15:30:32

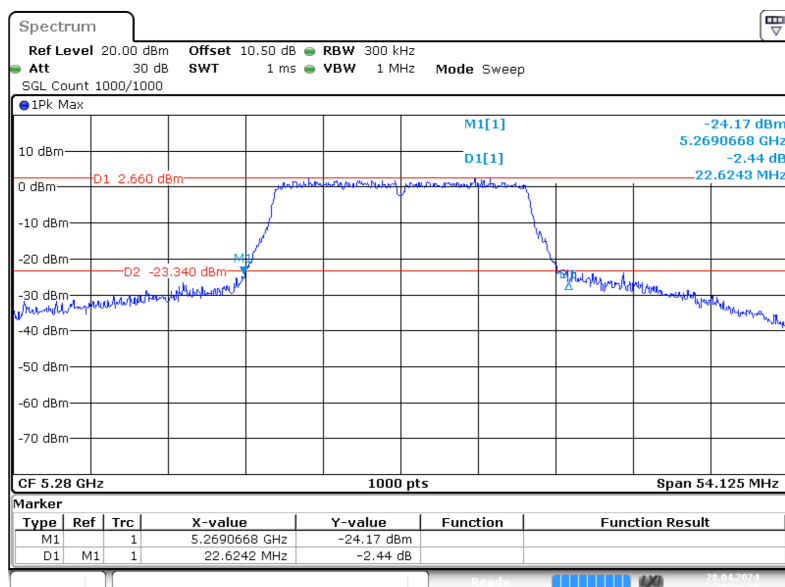
802.11n-HT20 mode, 5260MHz



ProjectNo.: RSHA240124001 Tester: Bard Liu

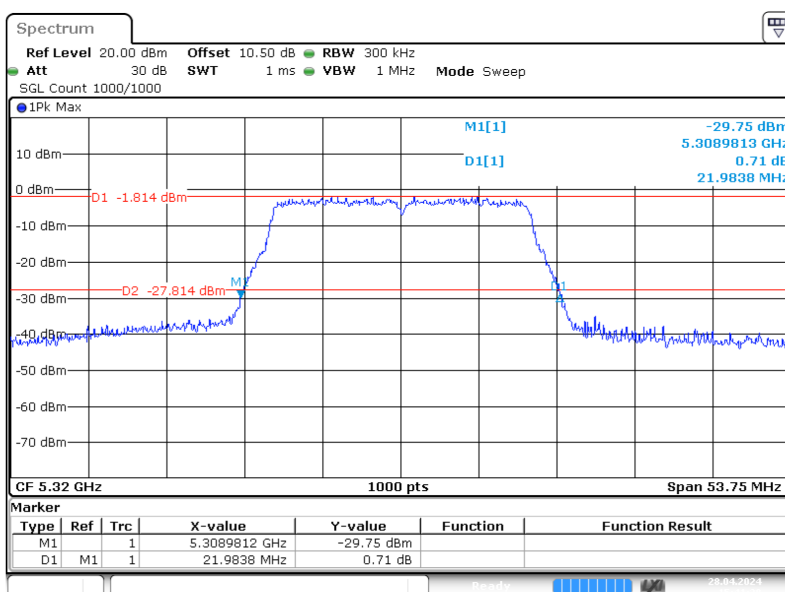
Date: 28. APR. 2024 15:35:38

802.11n-HT20 mode, 5280MHz



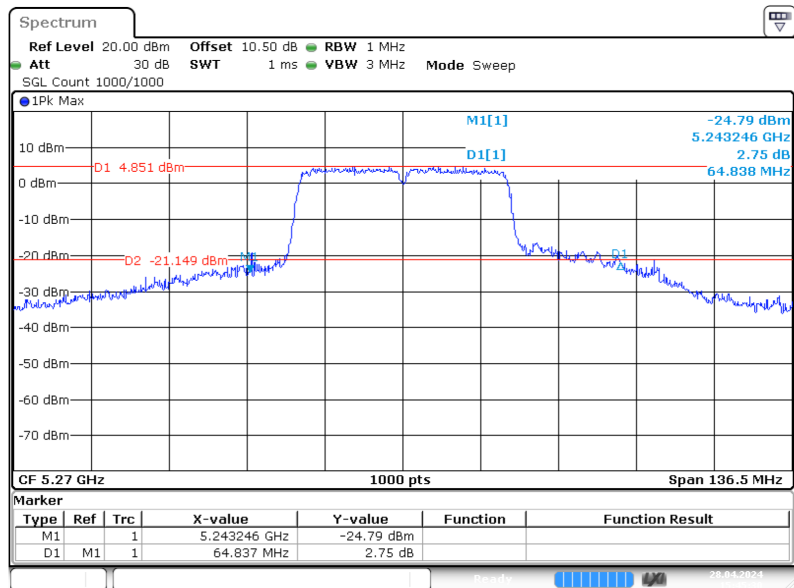
ProjectNo.:RSHA240124001 Tester:Bard Liu
Date: 28.APR.2024 15:38:40

802.11n-HT20 mode, 5320MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu
Date: 28.APR.2024 15:41:39

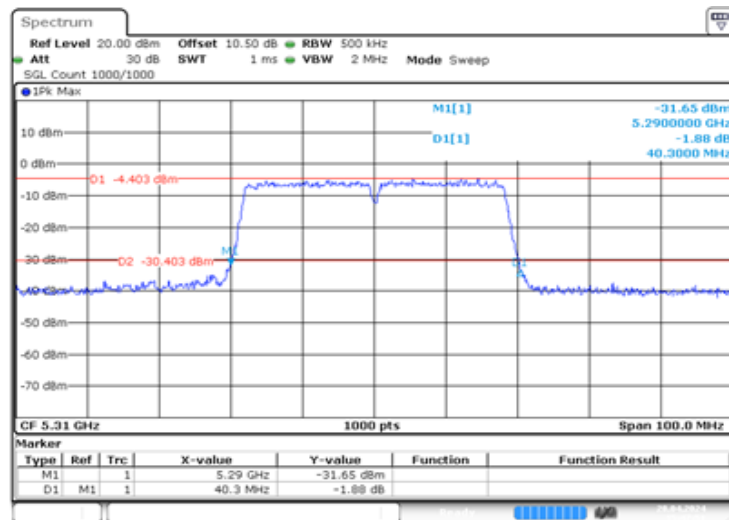
802.11n-HT40 mode, 5270MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 28.APR.2024 15:45:30

802.11n-HT40 mode, 5310MHz

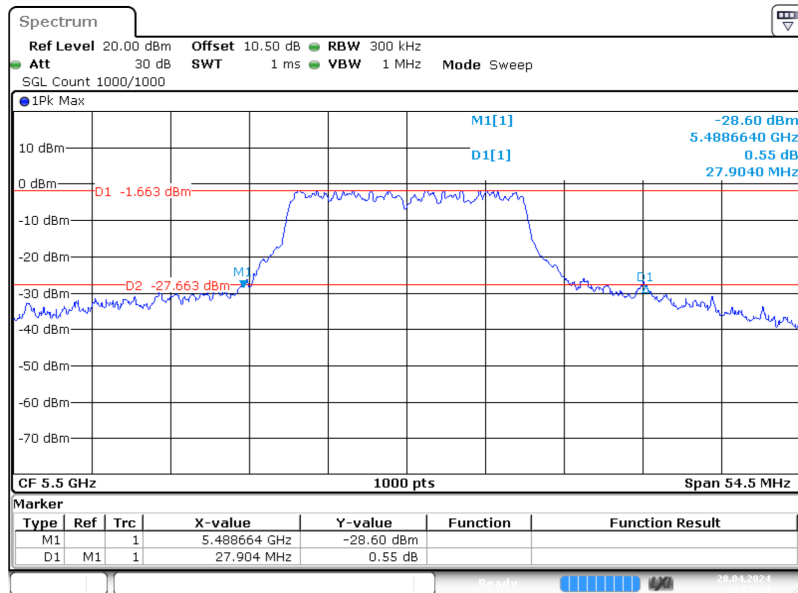


ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 28.APR.2024 15:47:51

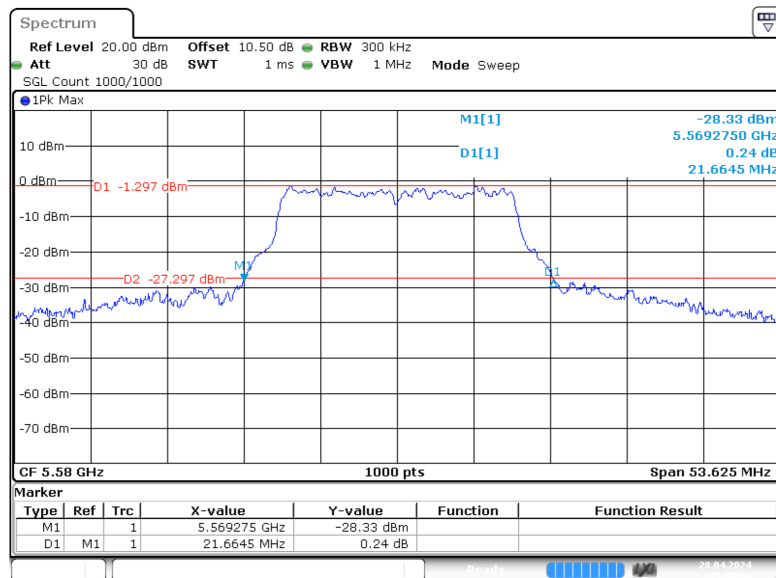
5470-5725 MHz Band:

802.11a mode, 5500MHz



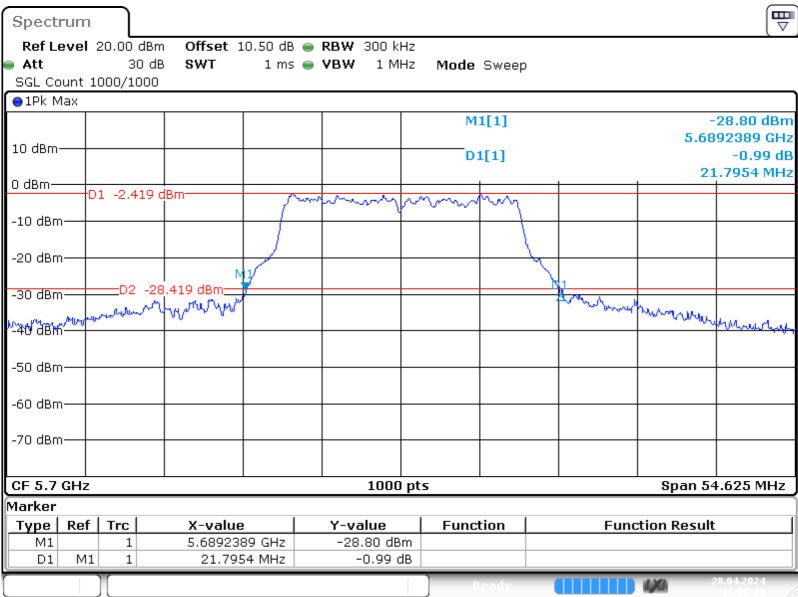
ProjectNo.: RSHA240124001 Tester: Bard Liu
Date: 28.APR.2024 15:51:13

802.11a mode, 5580MHz



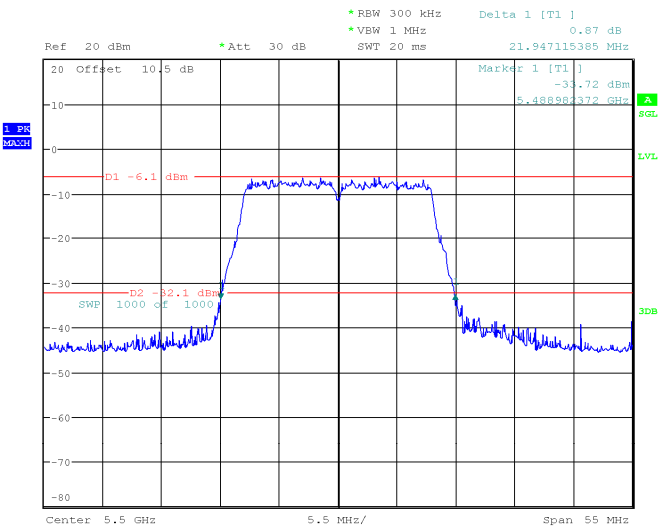
ProjectNo.: RSHA240124001 Tester: Bard Liu
Date: 28.APR.2024 15:58:31

802.11a mode, 5700MHz



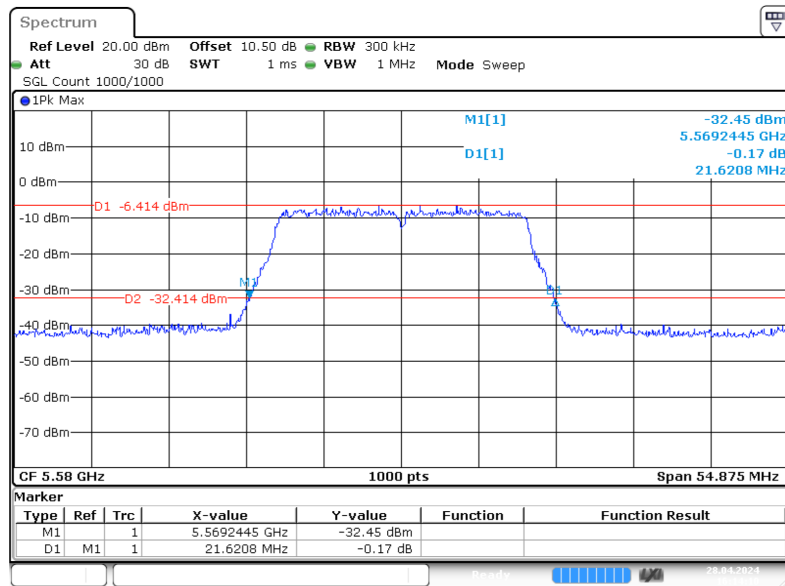
ProjectNo.:RSHA240124001 Tester:Bard Liu
Date: 28.APR.2024 16:02:29

802.11n-HT20 mode, 5500MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu
Date: 2.JUL.2024 14:16:54

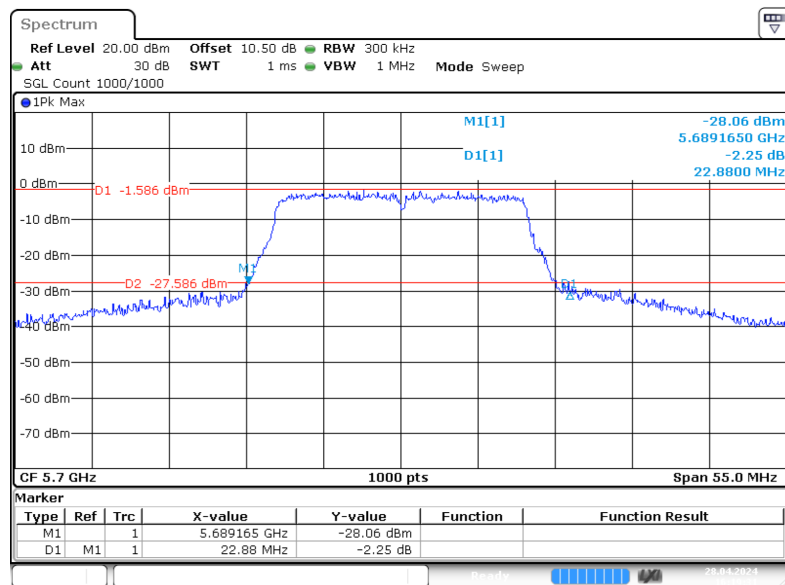
802.11n-HT20 mode, 5580MHz



ProjectNo.: RSHA240124001 Tester: Bard Liu

Date: 28. APR. 2024 16:14:11

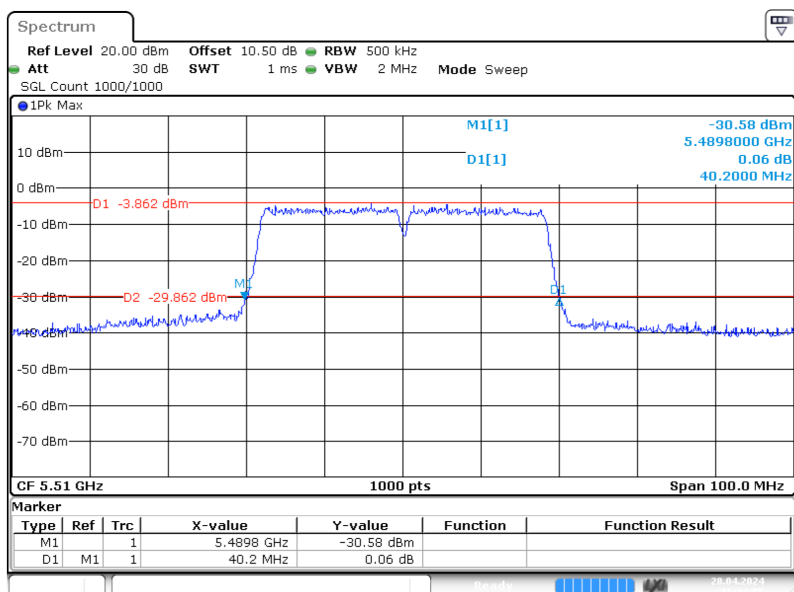
802.11n-HT20 mode, 5700MHz



ProjectNo.: RSHA240124001 Tester: Bard Liu

Date: 28. APR. 2024 16:19:31

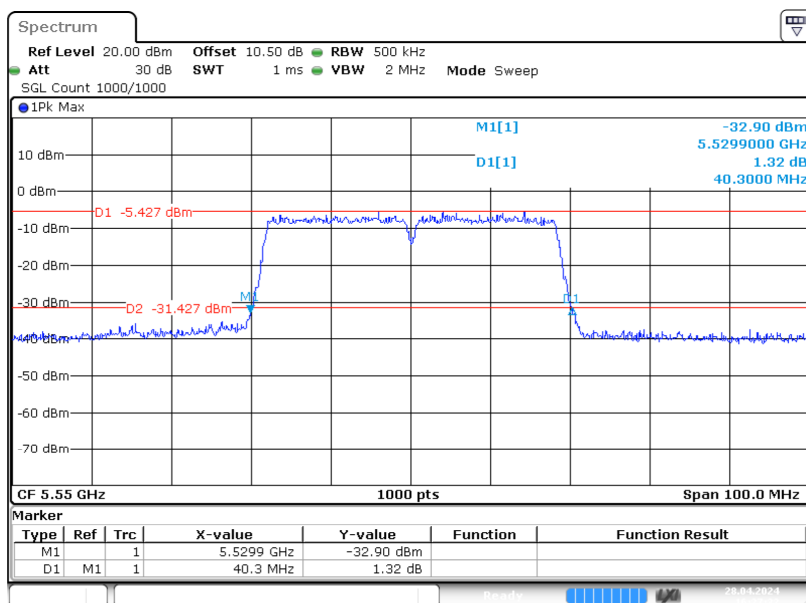
802.11n-HT40 mode, 5510MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 28.APR.2024 16:24:56

802.11n-HT40 mode, 5550MHz



ProjectNo.:RSHA240124001 Tester:Bard Liu

Date: 28.APR.2024 16:27:32