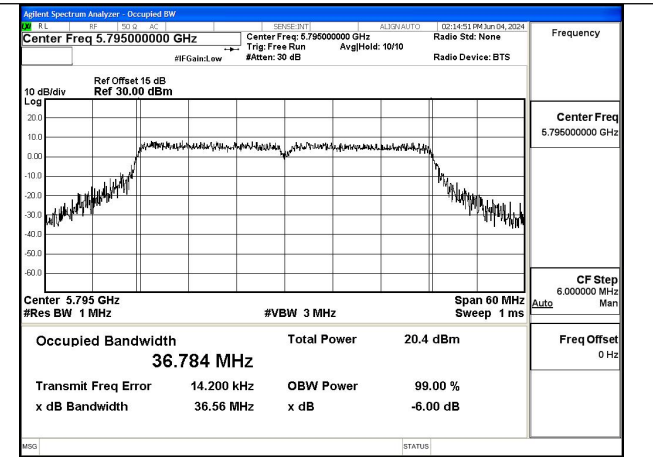
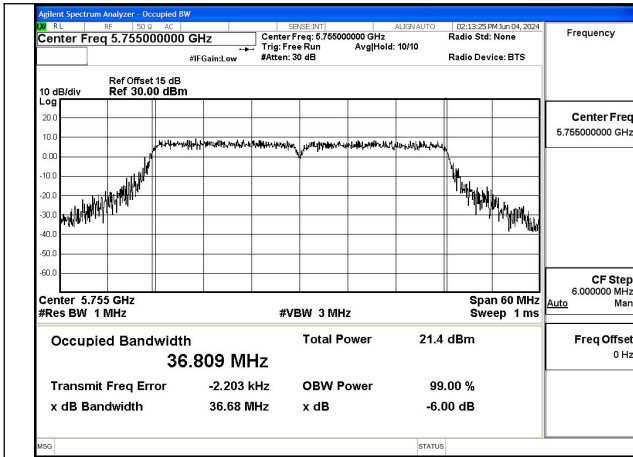


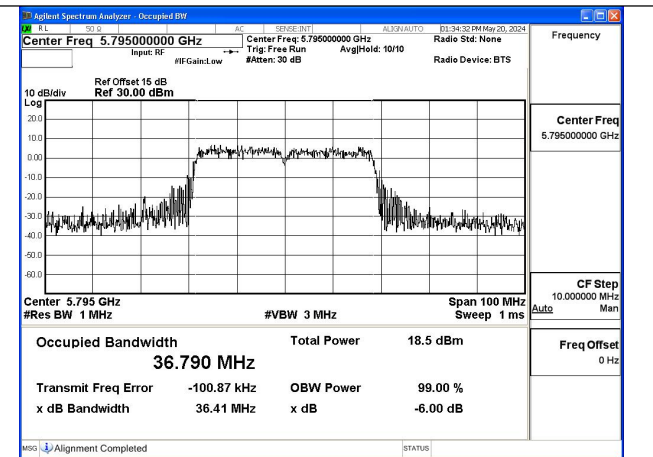
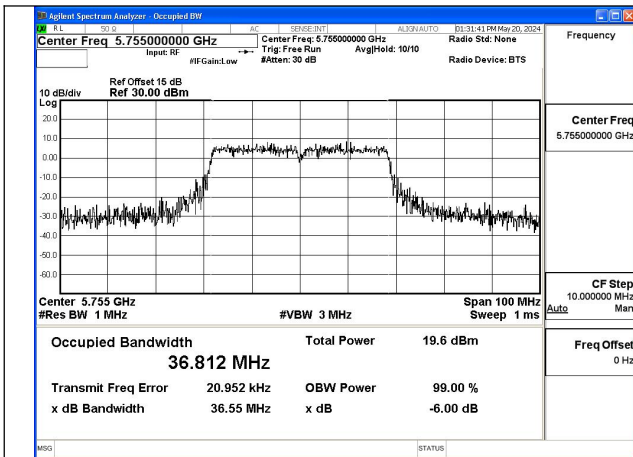
Test Mode: 802.11n HT40



Mode:802.11n HT40 Frequency:5755MHz Ant:Chain0

Mode:802.11n HT40 Frequency:5795MHz Ant:Chain0

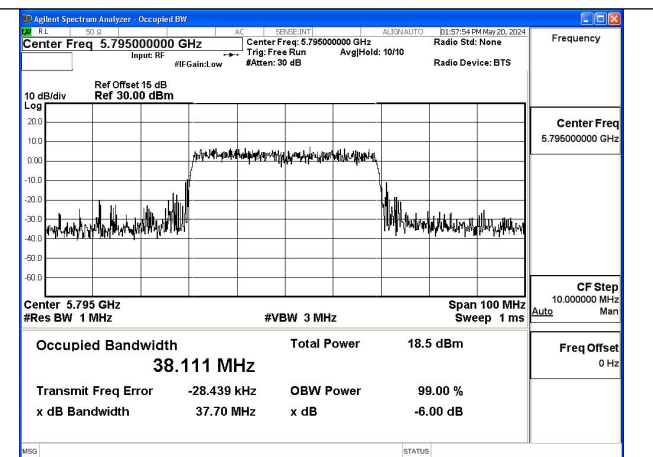
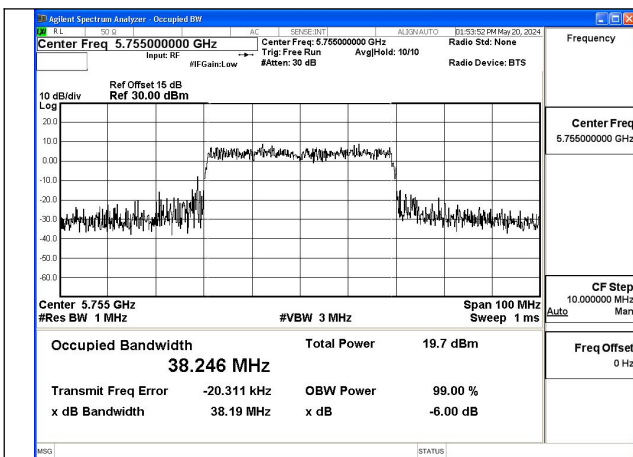
Test Mode: 802.11ac VHT40



Mode:802.11ac VHT40 Frequency:5755MHz
Ant:Chain0

Mode:802.11ac VHT40 Frequency:5795MHz
Ant:Chain0

Test Mode: 802.11ax HE40



Mode:802.11ax HE40 Frequency:5755MHz Ant:Chain0

Mode:802.11ax HE40 Frequency:5795MHz Ant:Chain0

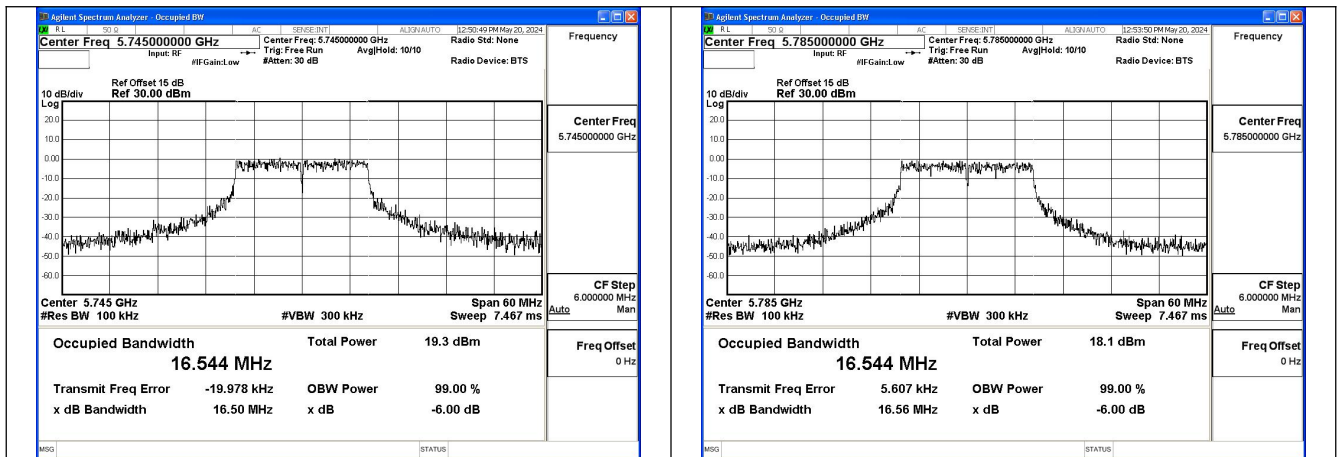
6dB Bandwidth

Offset 15dB = Attenuator + Temporary antenna connector loss + Cable loss

Test Mode	Antenna	6dB Bandwidth (MHz)		
		5745MHz	5785MHz	5825MHz
802.11a	Chain0	16.50	16.56	16.42
802.11n HT20	Chain0	17.77	17.69	17.69
802.11ac VHT20	Chain0	17.71	17.62	17.77
802.11ax HE20	Chain0	19.02	19.13	18.99

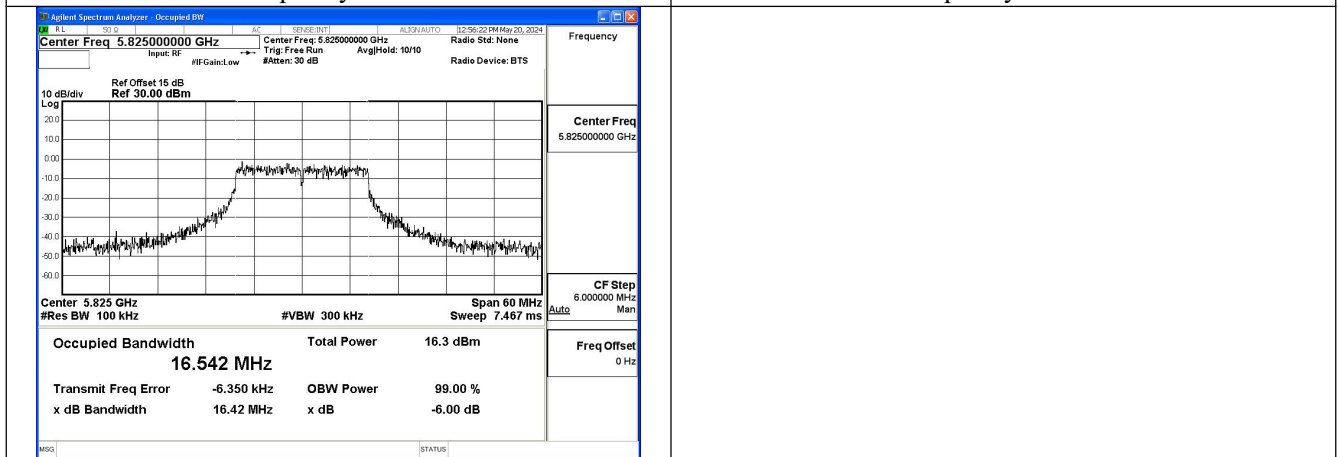
Test Mode	Antenna	6dB Bandwidth (MHz)		
		5755MHz	---	5795MHz
802.11n HT40	Chain0	36.53	---	36.48
802.11ac VHT40	Chain0	36.49	---	36.51
802.11ax HE40	Chain0	38.13	---	37.83

Test Mode: 802.11a



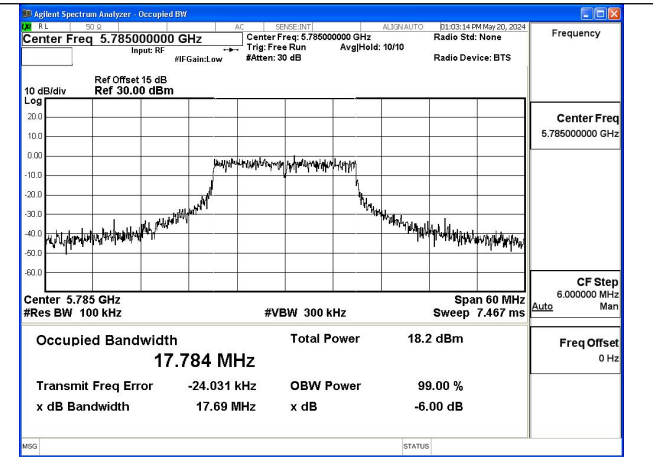
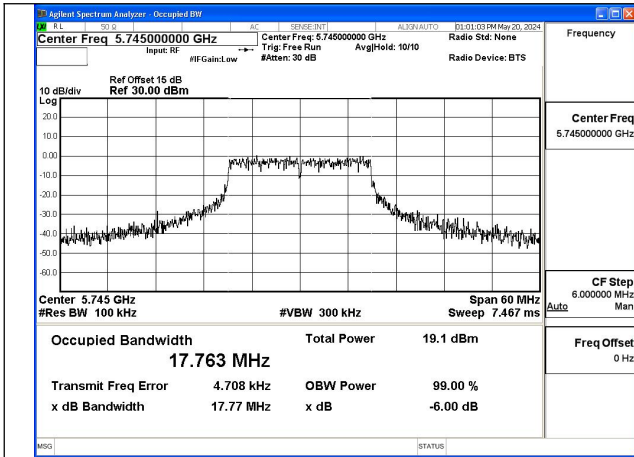
Mode:802.11a Frequency:5745MHz Ant:Chain0

Mode:802.11a Frequency:5785MHz Ant:Chain0



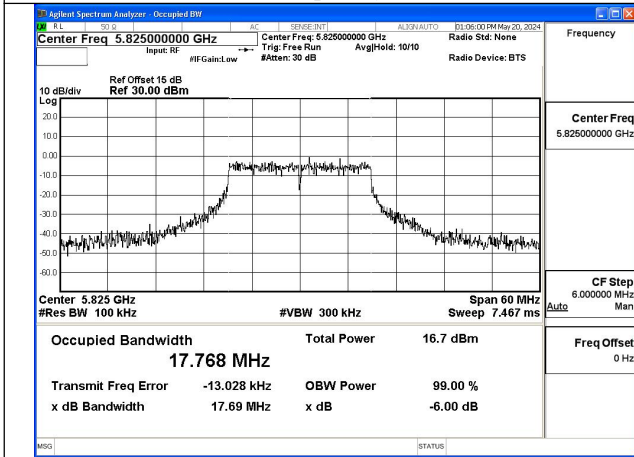
Mode:802.11a Frequency:5825MHz Ant:Chain0

Test Mode: 802.11n HT20



Mode:802.11n HT20 Frequency:5745MHz Ant:Chain0

Mode:802.11n HT20 Frequency:5785MHz Ant:Chain0

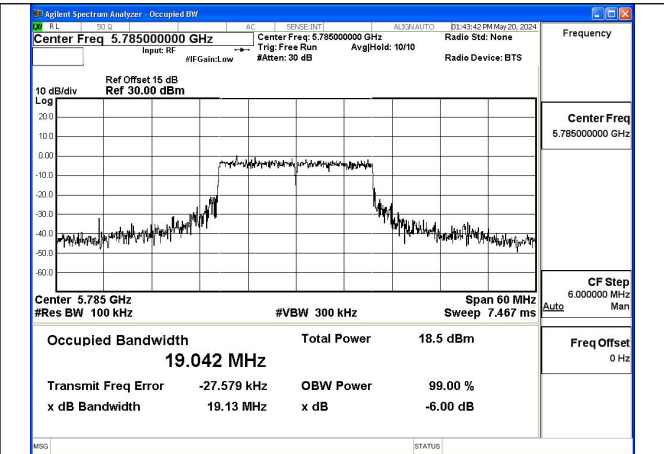
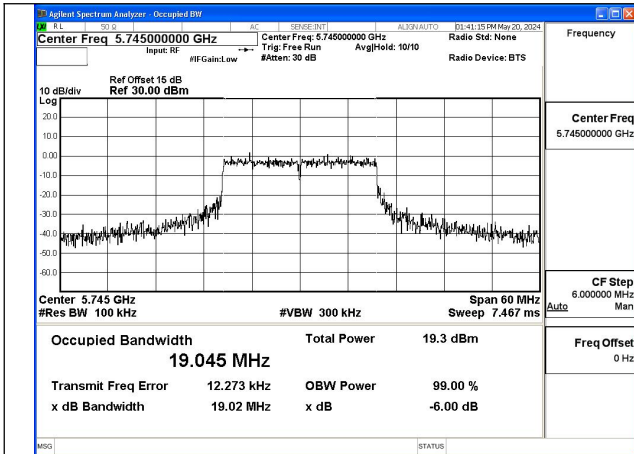


Mode:802.11n HT20 Frequency:5825MHz Ant:Chain0

Test Mode: 802.11ac VHT20

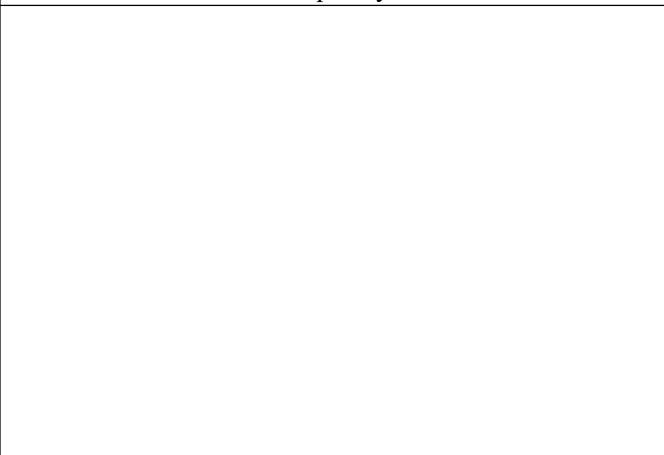
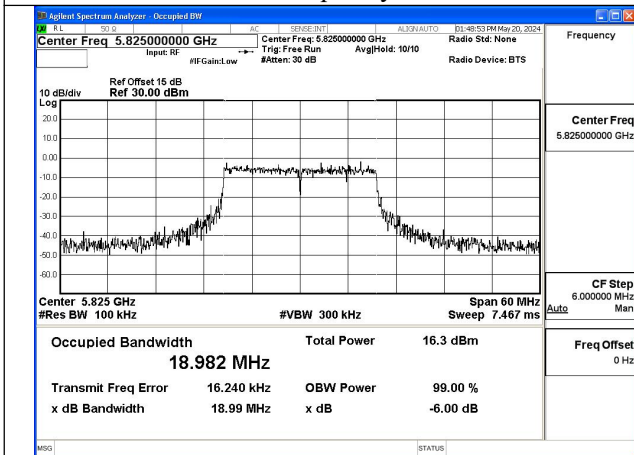
<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.745000000 GHz</p> <p>Ref Offset 15 dB Ref 30.00 dBm</p> <p>Center Freq 5.745000000 GHz</p> <p>Center 5.745 GHz #Res BW 100 kHz #VBW 300 kHz Span 60 MHz Sweep 7.467 ms</p> <p>Occupied Bandwidth 17.753 MHz Total Power 19.4 dBm</p> <p>Transmit Freq Error -20.312 kHz OBW Power 99.00 %</p> <p>x dB Bandwidth 17.71 MHz x dB -6.00 dB</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.785000000 GHz</p> <p>Ref Offset 15 dB Ref 30.00 dBm</p> <p>Center Freq 5.785000000 GHz</p> <p>Center 5.785 GHz #Res BW 100 kHz #VBW 300 kHz Span 60 MHz Sweep 7.467 ms</p> <p>Occupied Bandwidth 17.744 MHz Total Power 18.8 dBm</p> <p>Transmit Freq Error -15.242 kHz OBW Power 99.00 %</p> <p>x dB Bandwidth 17.62 MHz x dB -6.00 dB</p>
<p>Mode:802.11ac VHT20 Frequency:5745MHz Ant:Chain0</p>	<p>Mode:802.11ac VHT20 Frequency:5785MHz Ant:Chain0</p>
<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.825000000 GHz</p> <p>Ref Offset 15 dB Ref 30.00 dBm</p> <p>Center Freq 5.825000000 GHz</p> <p>Center 5.825 GHz #Res BW 100 kHz #VBW 300 kHz Span 60 MHz Sweep 7.467 ms</p> <p>Occupied Bandwidth 17.748 MHz Total Power 17.3 dBm</p> <p>Transmit Freq Error -4.204 kHz OBW Power 99.00 %</p> <p>x dB Bandwidth 17.77 MHz x dB -6.00 dB</p>	
<p>Mode:802.11ac VHT20 Frequency:5825MHz Ant:Chain0</p>	

Test Mode: 802.11ax HE20



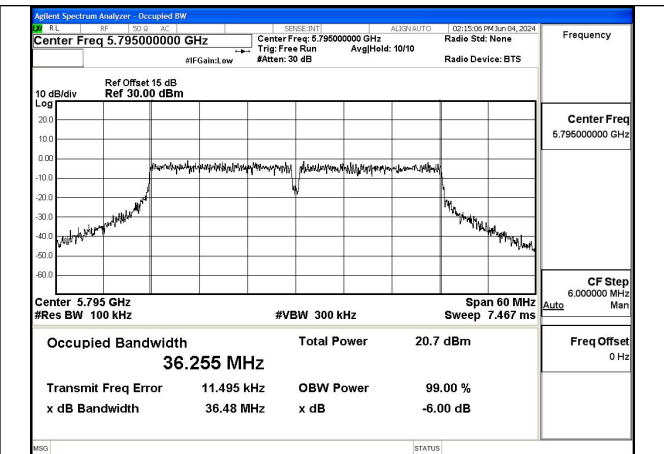
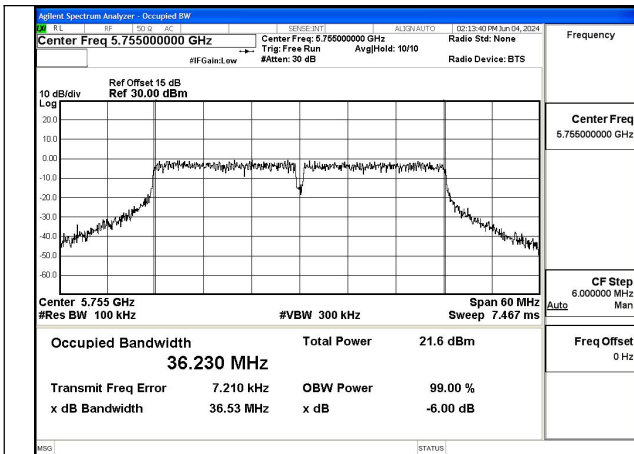
Mode:802.11ax HE20 Frequency:5745MHz Ant:Chain0

Mode:802.11ax HE20 Frequency:5785MHz Ant:Chain0



Mode:802.11ax HE20 Frequency:5825MHz Ant:Chain0

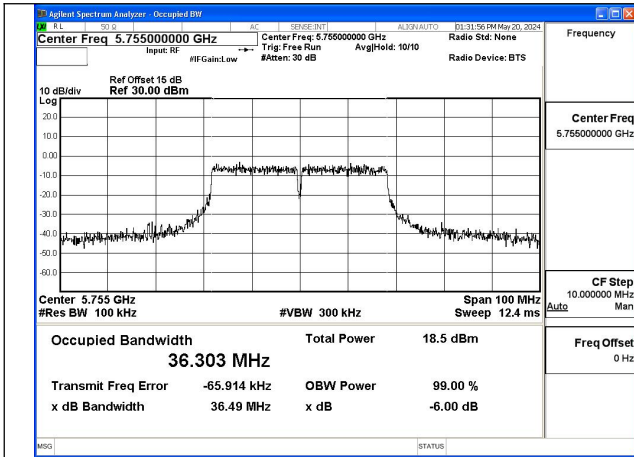
Test Mode: 802.11n HT40



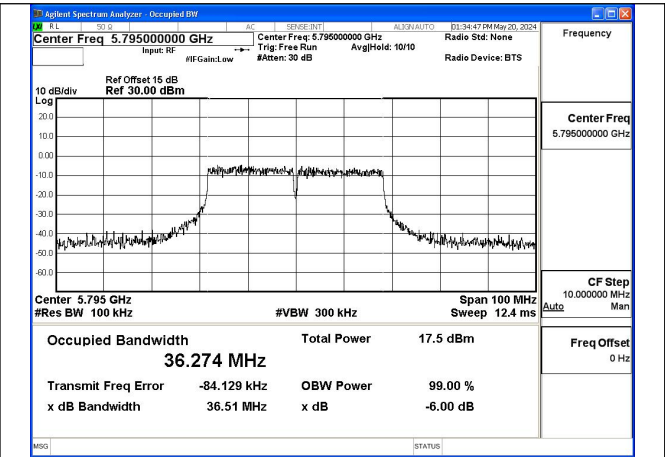
Mode:802.11n HT40 Frequency:5755MHz Ant:Chain0

Mode:802.11n HT40 Frequency:5795MHz Ant:Chain0

Test Mode: 802.11ac VHT40

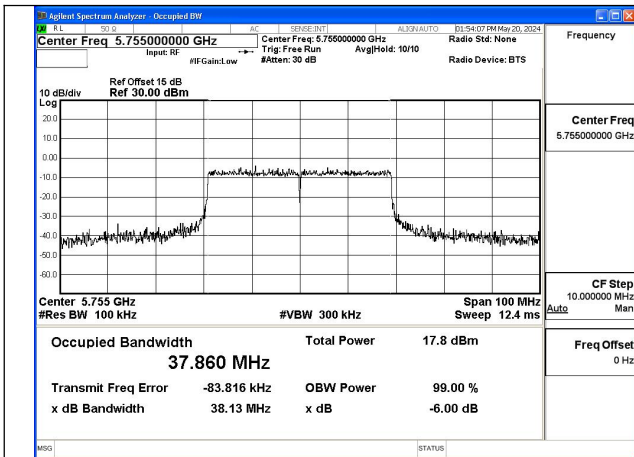


Mode:802.11ac VHT40 Frequency:5755MHz
Ant:Chain0

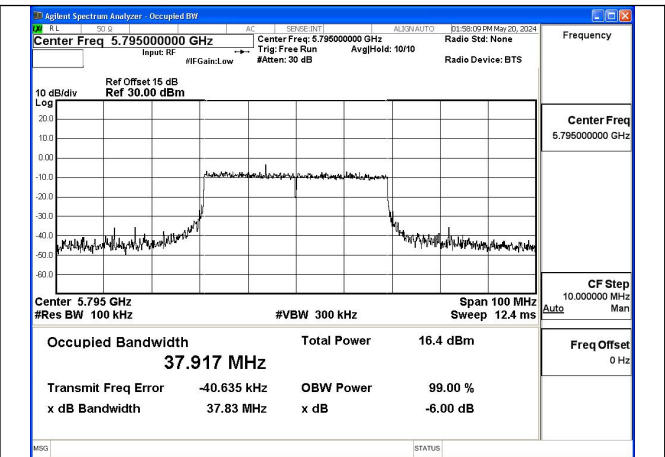


Mode:802.11ac VHT40 Frequency:5795MHz
Ant:Chain0

Test Mode: 802.11ax HE40



Mode:802.11ax HE40 Frequency:5755MHz Ant:Chain0



Mode:802.11ax HE40 Frequency:5795MHz Ant:Chain0

Transmitter Power Spectral Density

Offset 15dB = Attenuator + Temporary antenna connector loss + Cable loss

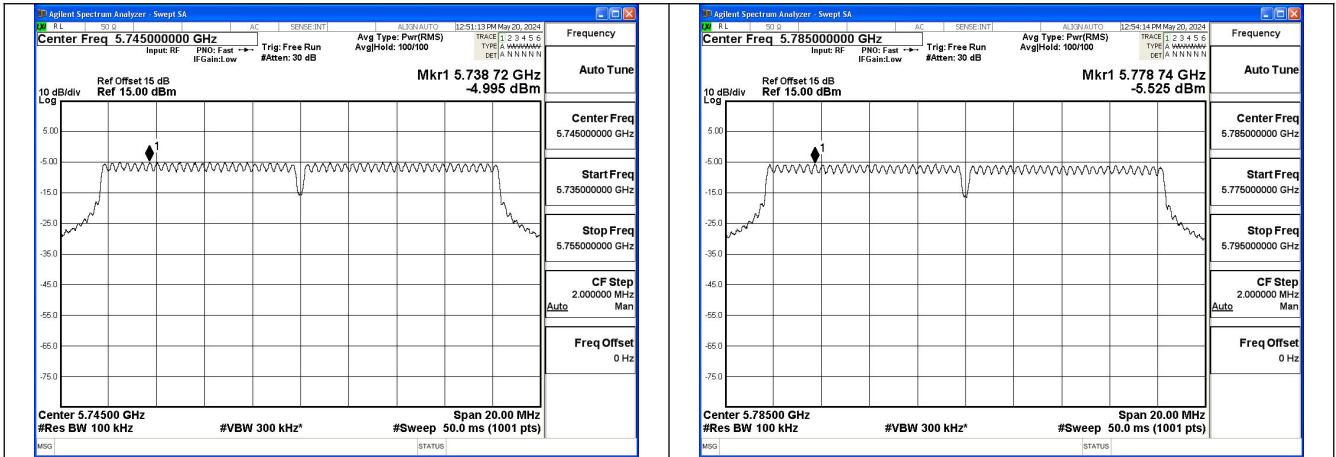
Test Mode	Antenna	Tones	5745MHz		5785MHz		5825MHz	
			Correction Factor (dB)	Power Density (dBm/500KHz)	Correction Factor (dB)	Power Density (dBm/500KHz)	Correction Factor (dB)	Power Density (dBm/500KHz)
802.11a	Chain0	NA	0.00	1.995	0.00	1.465	0.00	-0.788
802.11n HT20	Chain0	NA	0.00	1.611	0.00	1.087	0.00	-0.714
802.11ac VHT20	Chain0	NA	0.00	1.838	0.00	1.251	0.00	-0.166
802.11ax HE20	Chain0	242T	0.00	0.380	0.00	-0.047	0.00	-2.161

Note: As measurement bandwidth of Maximum PSD is specified in 500 kHz, add $10\log(500\text{kHz}/\text{RBW})$ to the measured result.

Test Mode	Antenna	Tones	5755MHz		---		5795MHz	
			Correction Factor (dB)	Power Density (dBm/500KHz)	Correction Factor (dB)	Power Density (dBm/500KHz)	Correction Factor (dB)	Power Density (dBm/500KHz)
802.11n HT40	Chain0	NA	0.00	-2.198	---	---	0.00	-1.507
802.11ac VHT40	Chain0	NA	0.00	-1.136	---	---	0.00	-1.650
802.11ax HE40	Chain0	484T	0.00	-2.551	---	---	0.00	-3.533

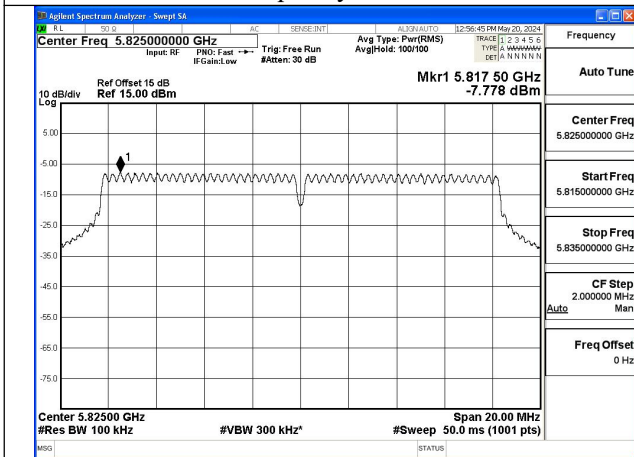
Note: As measurement bandwidth of Maximum PSD is specified in 500 kHz, add $10\log(500\text{kHz}/\text{RBW})$ to the measured result.

Test Mode: 802.11a



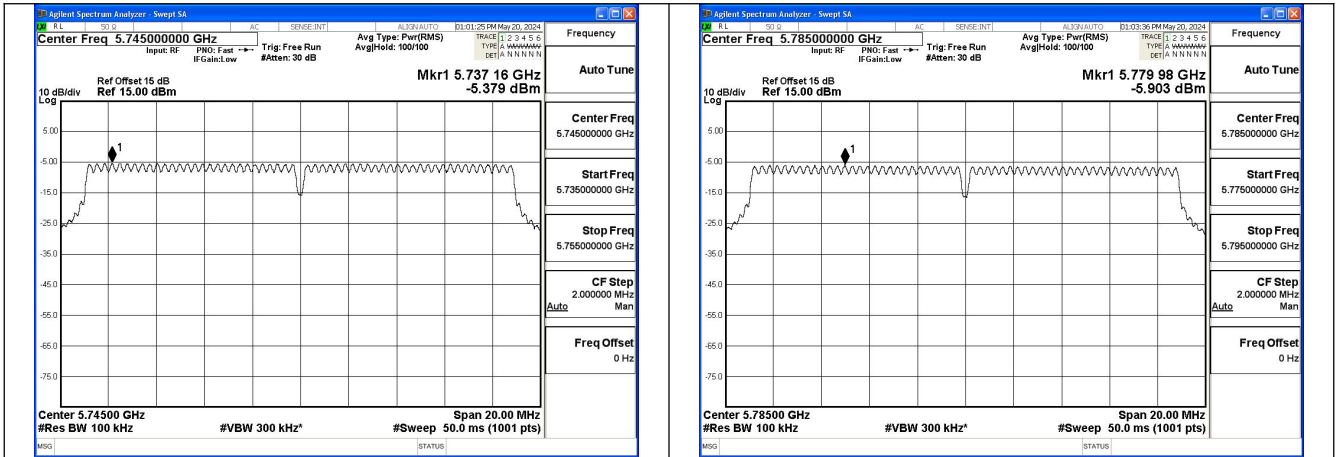
Mode:802.11a Frequency:5745MHz Ant:Chain0

Mode:802.11a Frequency:5785MHz Ant:Chain0



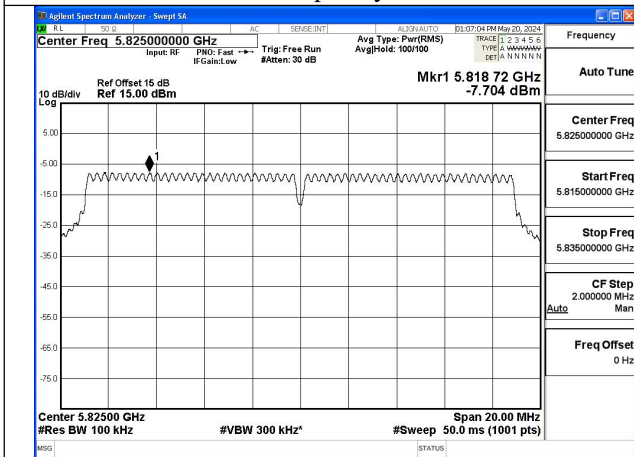
Mode:802.11a Frequency:5825MHz Ant:Chain0

Test Mode: 802.11n HT20



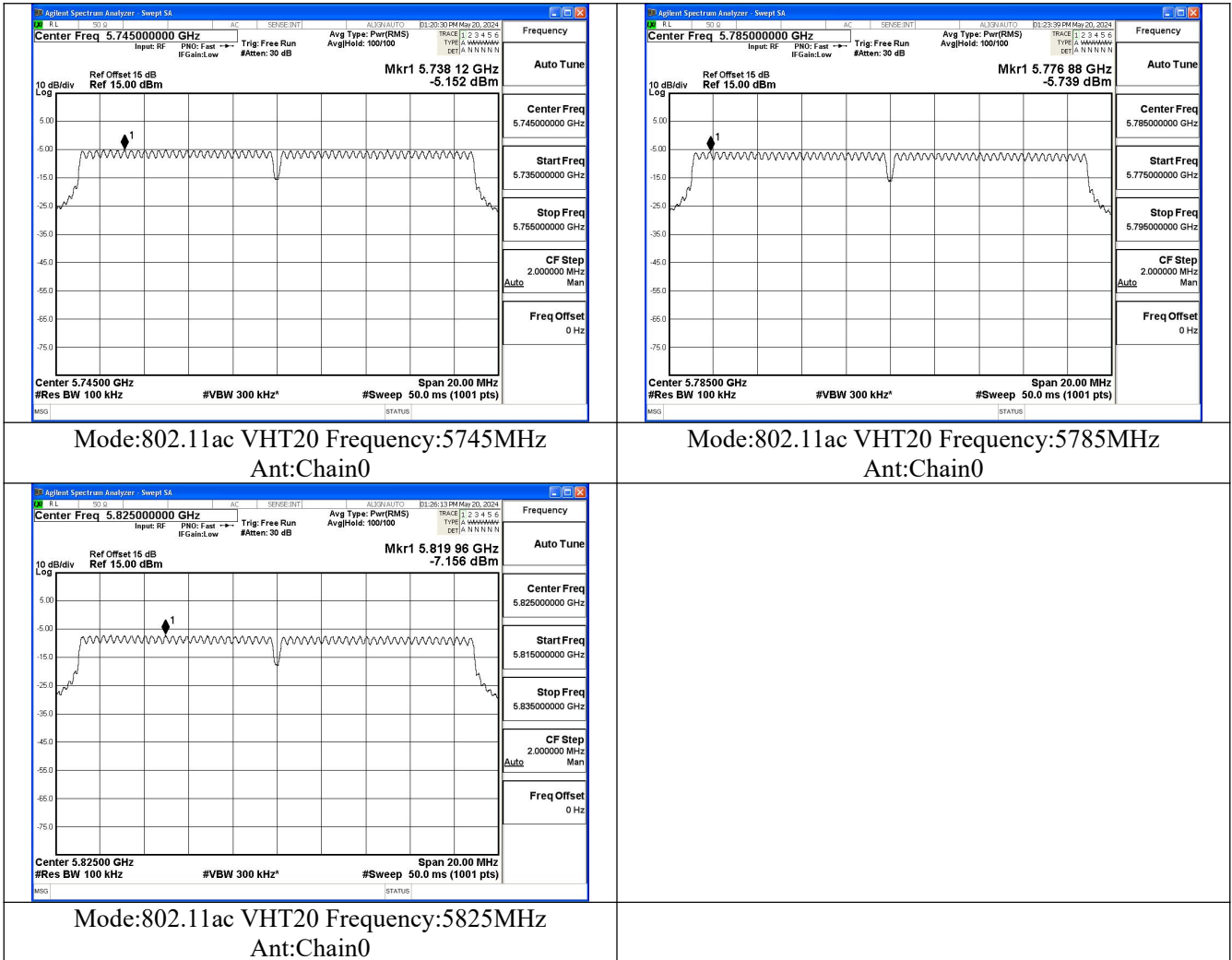
Mode:802.11n HT20 Frequency:5745MHz Ant:Chain0

Mode:802.11n HT20 Frequency:5785MHz Ant:Chain0



Mode:802.11n HT20 Frequency:5825MHz Ant:Chain0

Test Mode: 802.11ac VHT20

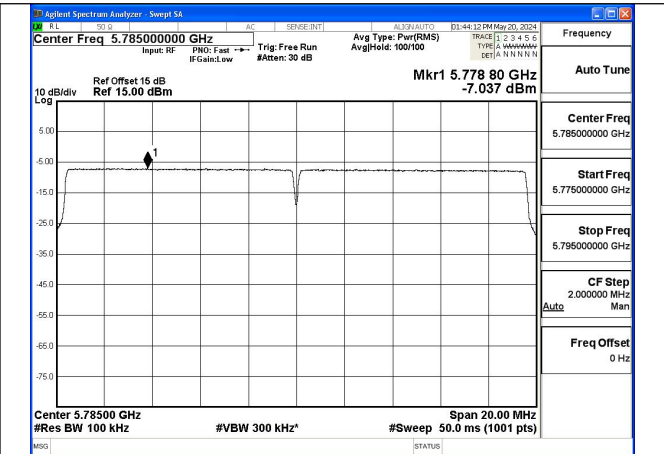
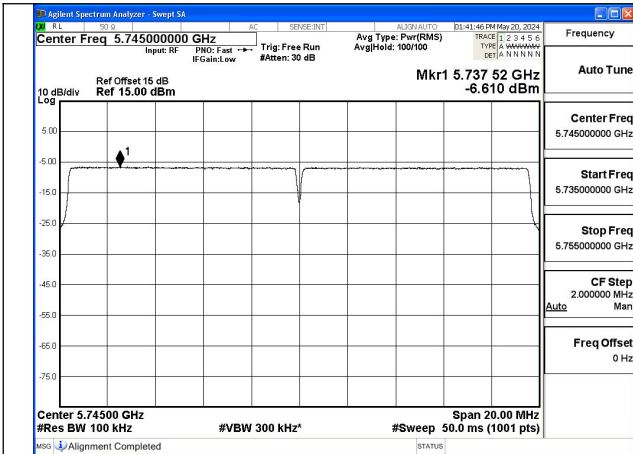


Mode:802.11ac VHT20 Frequency:5745MHz
Ant:Chain0

Mode:802.11ac VHT20 Frequency:5785MHz
Ant:Chain0

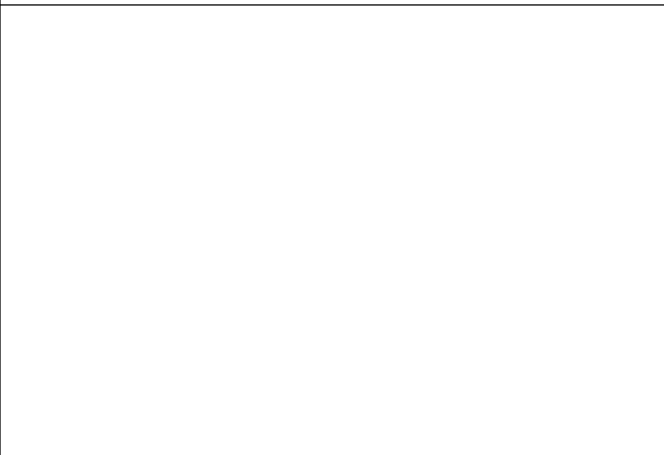
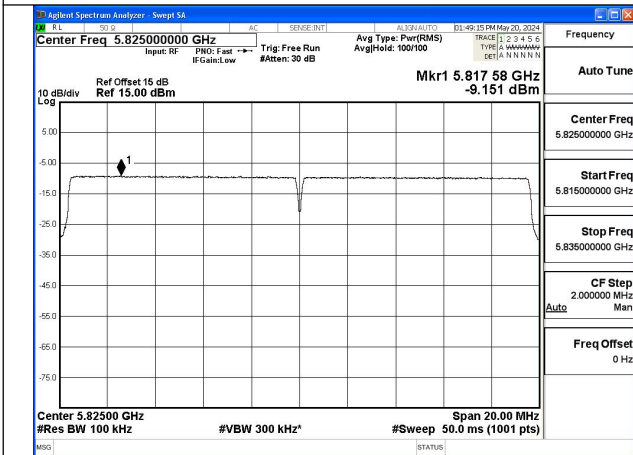
Mode:802.11ac VHT20 Frequency:5825MHz
Ant:Chain0

Test Mode: 802.11ax HE20



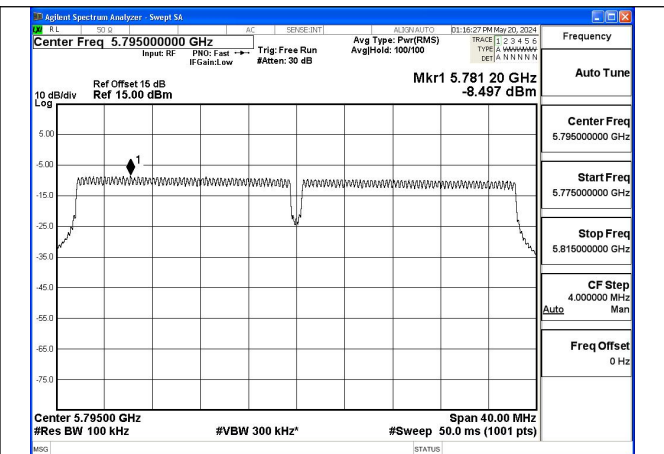
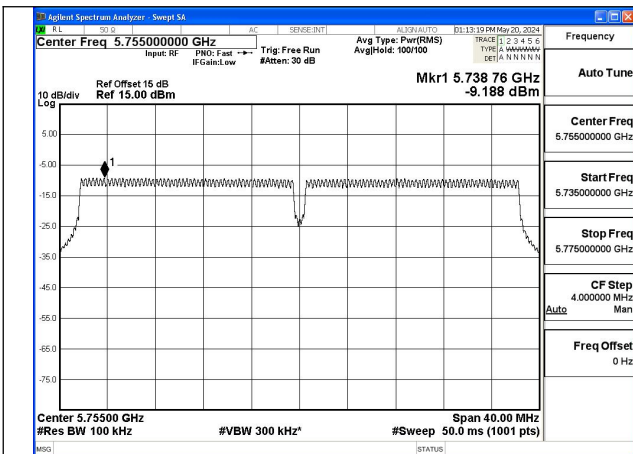
Mode:802.11ax HE20 Tone:242T Frequency:5745MHz Ant:Chain0

Mode:802.11ax HE20 Tone:242T Frequency:5785MHz Ant:Chain0



Mode:802.11ax HE20 Tone:242T Frequency:5825MHz Ant:Chain0

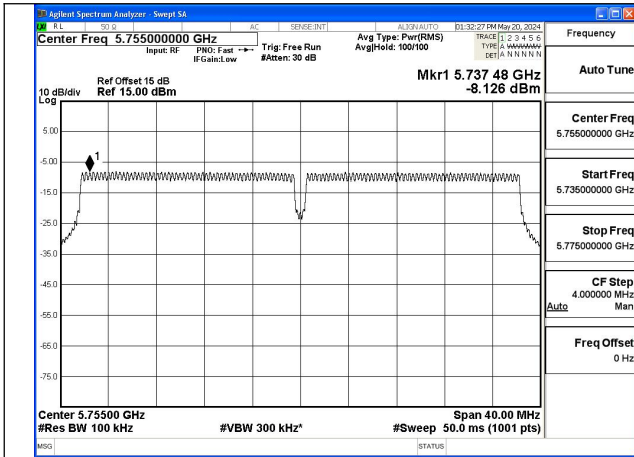
Test Mode: 802.11n HT40



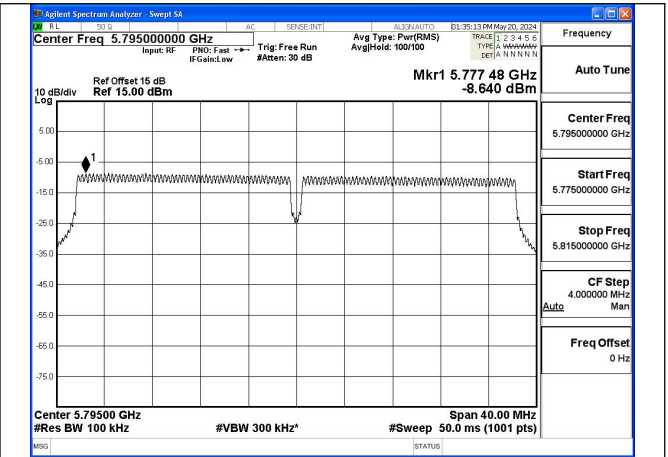
Mode:802.11n HT40 Frequency:5755MHz Ant:Chain0

Mode:802.11n HT40 Frequency:5795MHz Ant:Chain0

Test Mode: 802.11ac VHT40

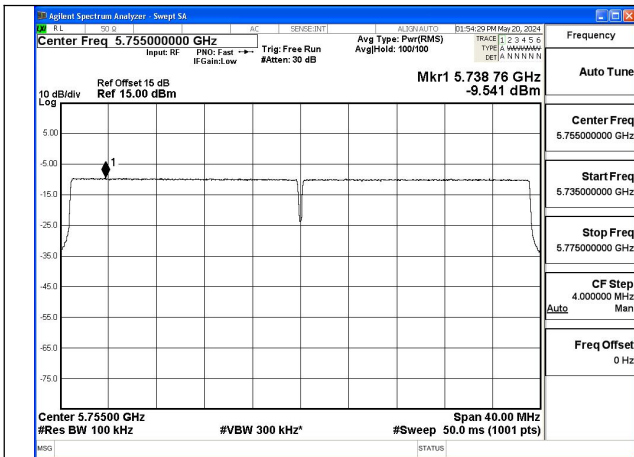


Mode:802.11ac VHT40 Frequency:5755MHz
Ant:Chain0

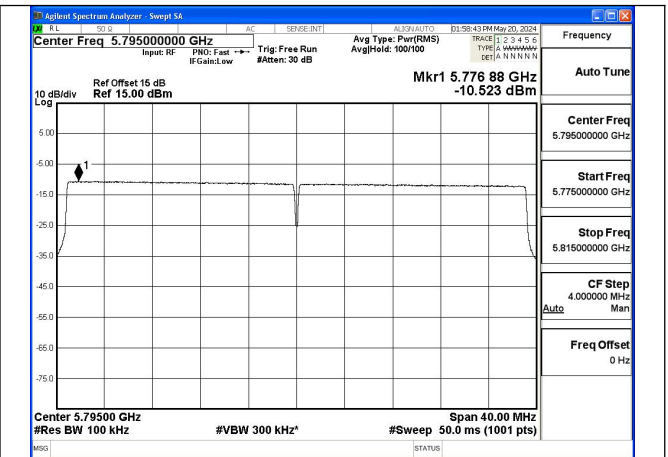


Mode:802.11ac VHT40 Frequency:5795MHz
Ant:Chain0

Test Mode: 802.11ax HE40



Mode:802.11ax HE40 Tone:484T Frequency:5755MHz
Ant:Chain0



Mode:802.11ax HE40 Tone:484T Frequency:5795MHz
Ant:Chain0