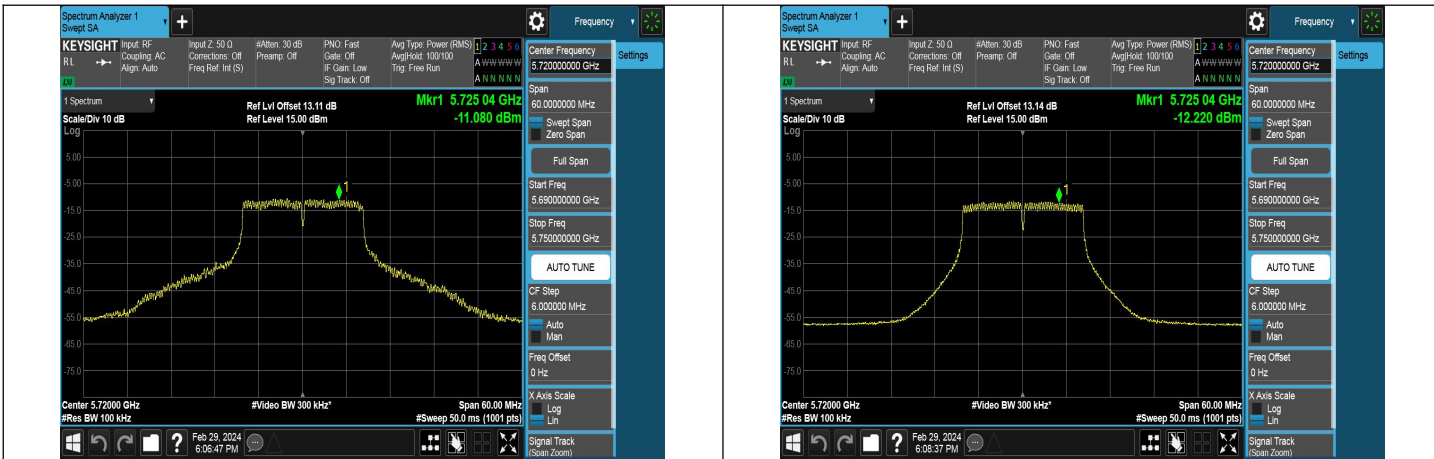


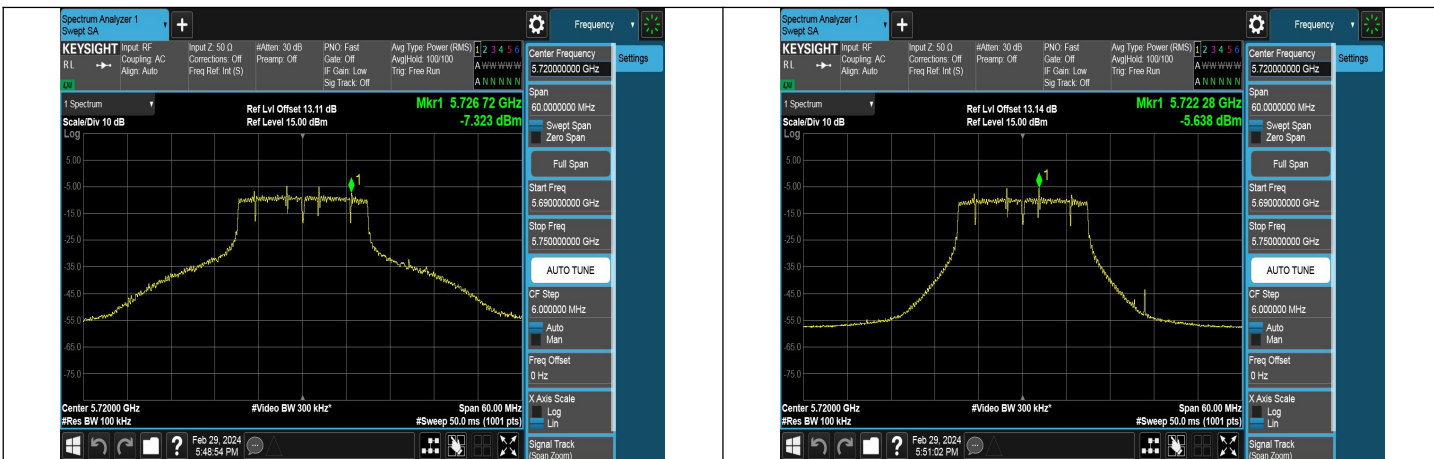
Test Mode: 802.11a



Mode:802.11a Frequency:5720MHz Ant:Chain0 scope:NII3

Mode:802.11a Frequency:5720MHz Ant:Chain1 scope:NII3

Test Mode: 802.11n HT20



Mode:802.11n HT20 Frequency:5720MHz Ant:Chain0  
scope:NII3

Mode:802.11n HT20 Frequency:5720MHz Ant:Chain1  
scope:NII3

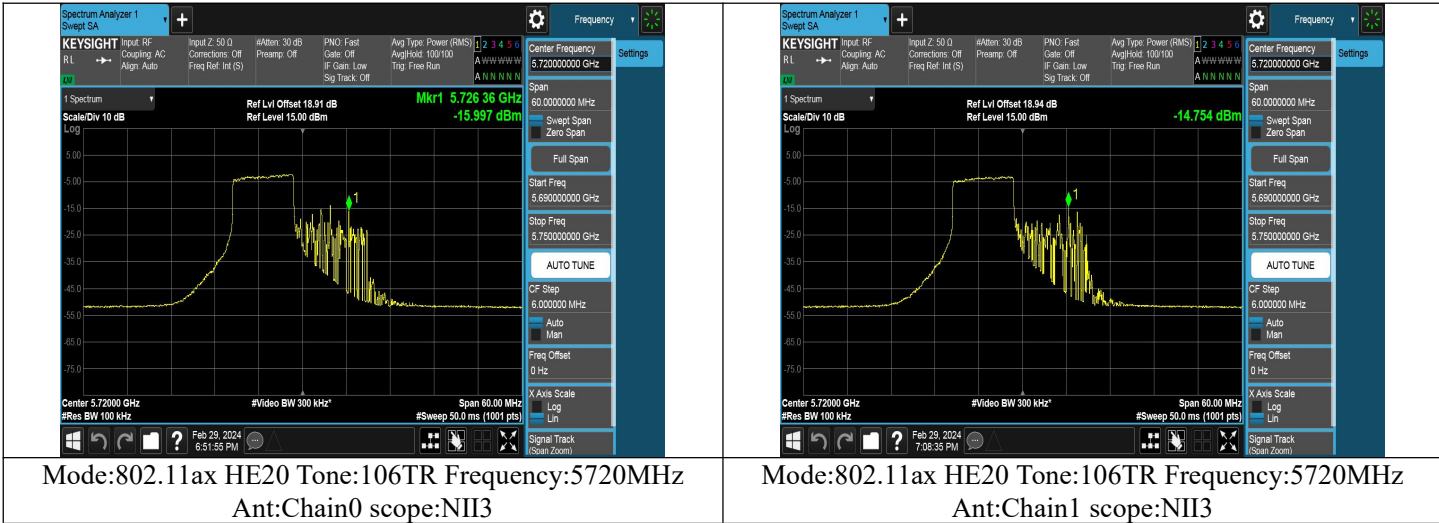
Test Mode: 802.11ac VHT20



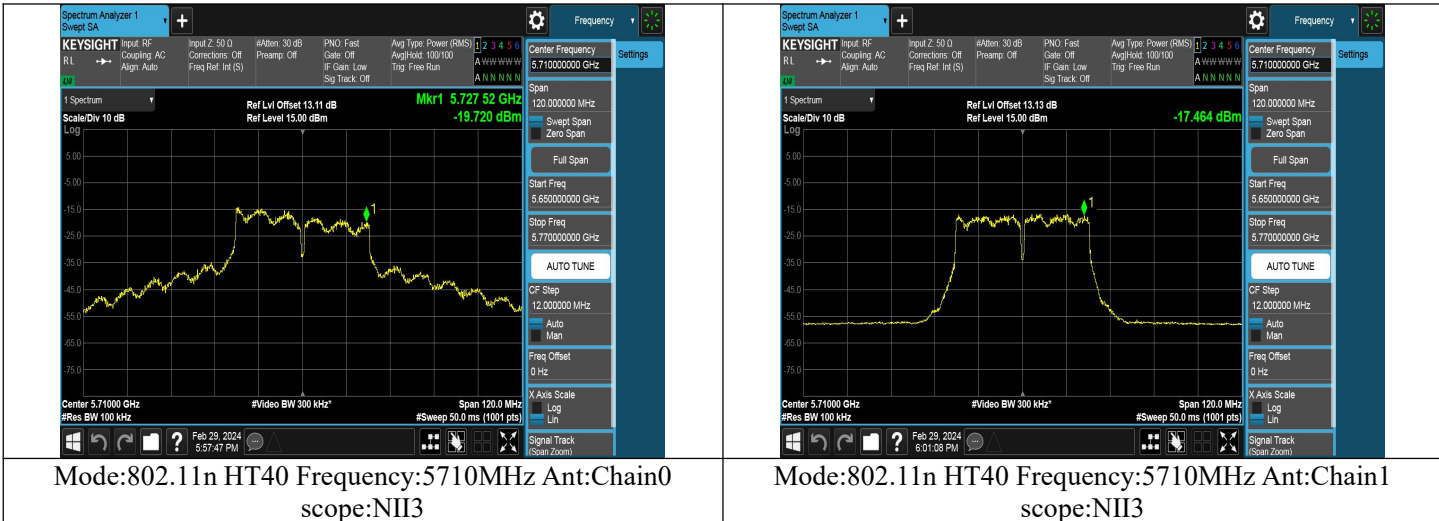
Mode:802.11ac VHT20 Frequency:5720MHz Ant:Chain0  
scope:NII3

Mode:802.11ac VHT20 Frequency:5720MHz Ant:Chain1  
scope:NII3

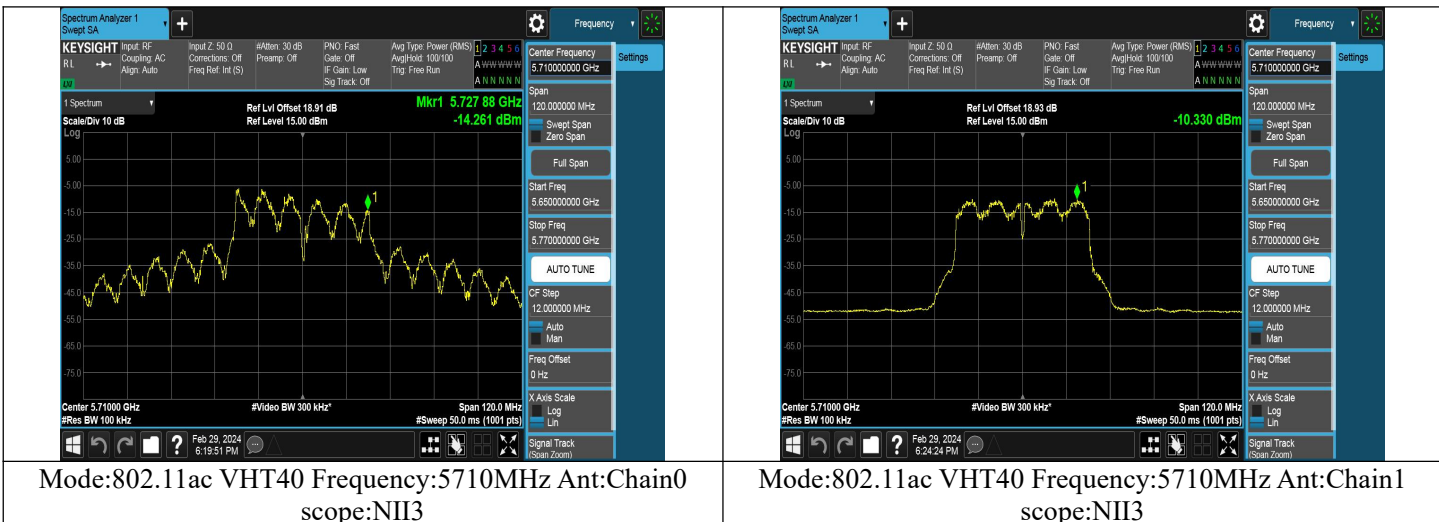
Test Mode: 802.11ax HE20



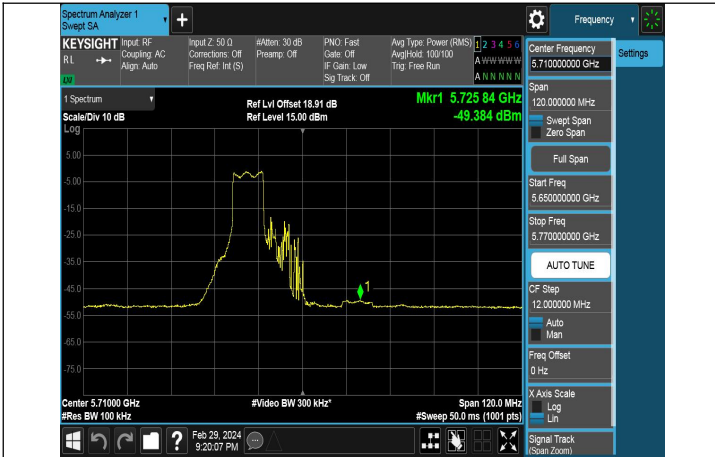
Test Mode: 802.11n HT40



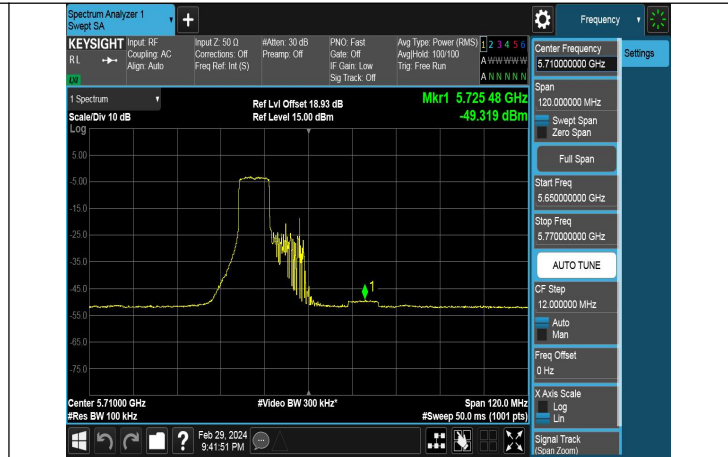
Test Mode: 802.11ac VHT40



Test Mode: 802.11ax HE40

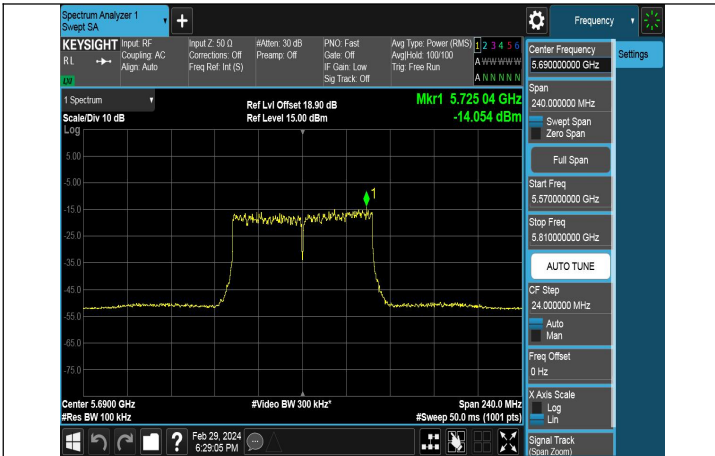


Mode:802.11ax HE40 Tone:106TR Frequency:5710MHz  
Ant:Chain0 scope:NII3

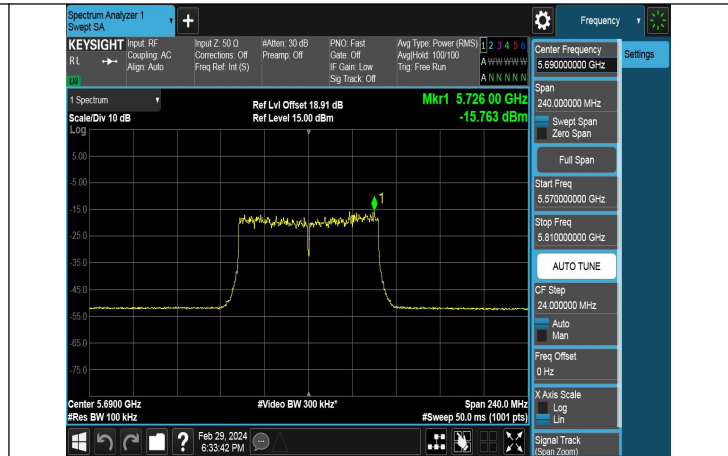


Mode:802.11ax HE40 Tone:106TR Frequency:5710MHz  
Ant:Chain1 scope:NII3

Test Mode: 802.11ac VHT80



Mode:802.11ac VHT80 Frequency:5690MHz Ant:Chain0  
scope:NII3



Mode:802.11ac VHT80 Frequency:5690MHz Ant:Chain1  
scope:NII3

Test Mode: 802.11ax HE80



Mode:802.11ax HE80 Tone:26TR Frequency:5690MHz  
Ant:Chain0 scope:NII3



Mode:802.11ax HE80 Tone:26TR Frequency:5690MHz  
Ant:Chain1 scope:NII3

MT7663  
**Duty Cycle**

Test Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor(dB)	Plot
802.11a	5720	99.25%	0	Fig.1
802.11a	5720	99.27%	0	Fig.2
802.11n HT20	5720	98.85%	0	Fig.3
802.11n HT20	5720	99.28%	0	Fig.4
802.11ac VHT20	5720	99.78%	0	Fig.5
802.11ac VHT20	5720	99.80%	0	Fig.6
802.11n HT40	5710	99.04%	0	Fig.7
802.11n HT40	5710	99.08%	0	Fig.8
802.11ac VHT40	5710	99.73%	0	Fig.9
802.11ac VHT40	5710	99.71%	0	Fig.10
802.11ac VHT80	5690	99.69%	0	Fig.11
802.11ac VHT80	5690	99.72%	0	Fig.12

Note: Correction Factor=10\*log (1/Duty Cycle)



Fig.1

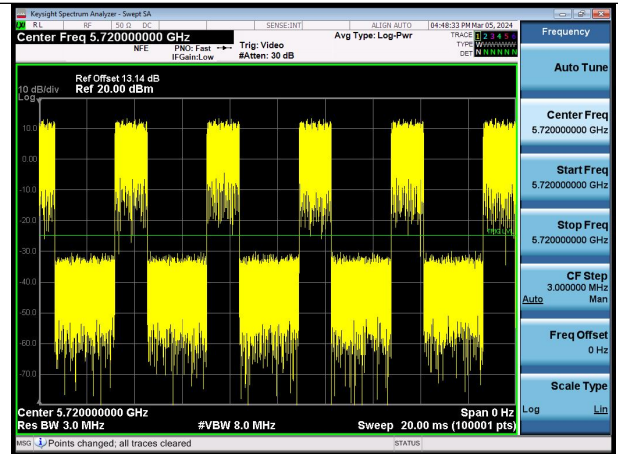


Fig.2

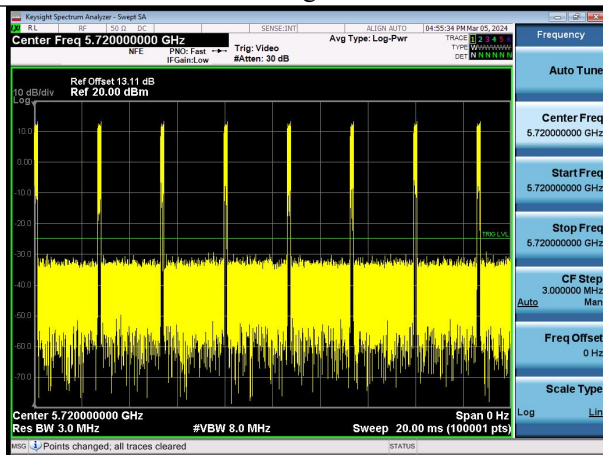


Fig.3

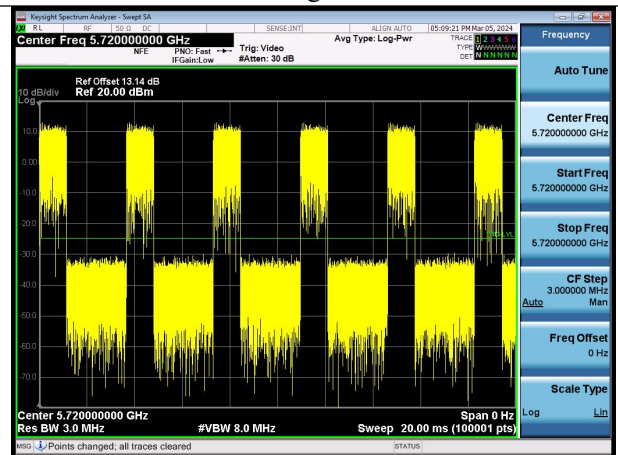


Fig.4

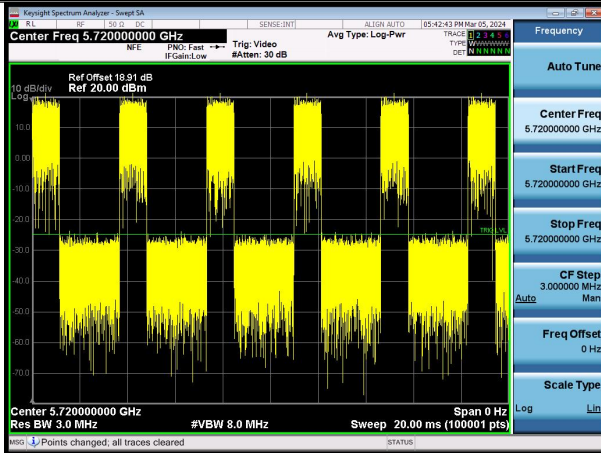


Fig.5

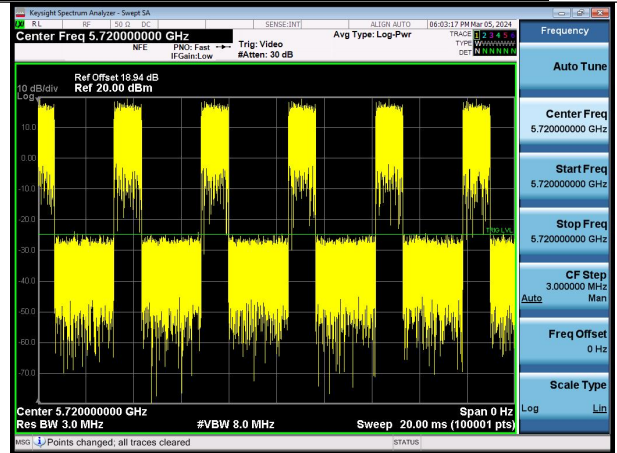


Fig.6



Fig.7



Fig.8

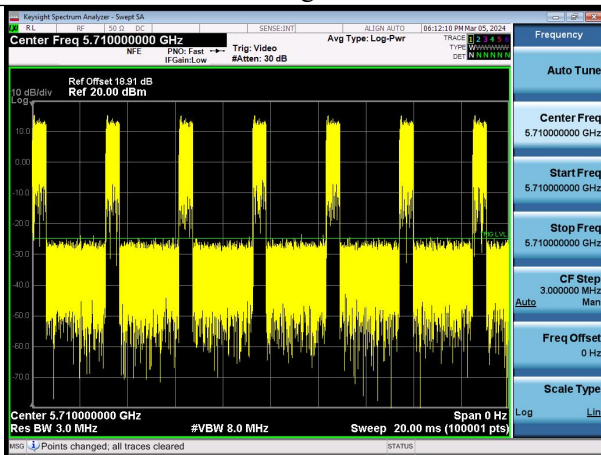


Fig.9

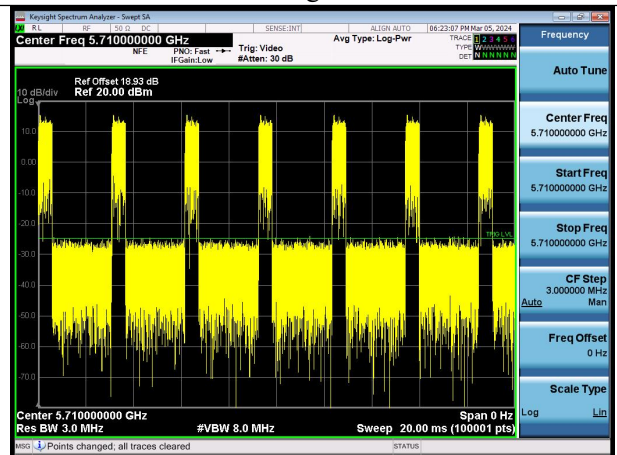


Fig.10

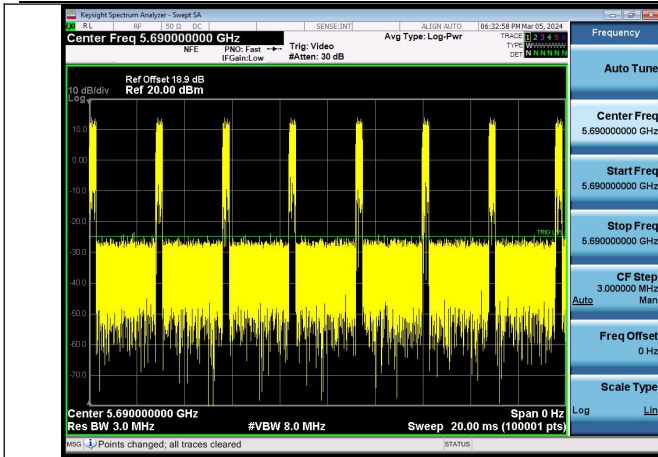


Fig.11

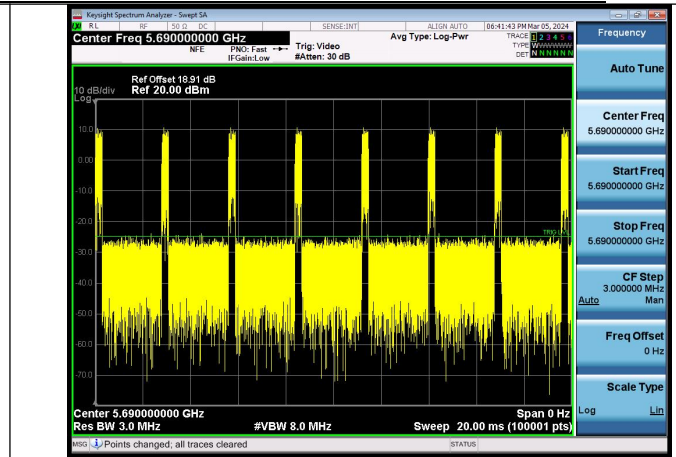


Fig.12

## Output Power

### NII2C

Title	Test Mode	Tones/ RU Index	Freq (MHz)	Antenna	Conducted average power output(dBm)	EIRP (dBm)
NII2C	802.11a	NA	5720	Chain0	6.39	6.39
NII2C	802.11a	NA	5720	Chain1	6.42	6.42
NII2C	802.11n HT20	NA	5720	Chain0	10.06	10.06
NII2C	802.11n HT20	NA	5720	Chain1	9.63	9.63
NII2C	802.11n HT20	NA	5720	MIMO	12.86	12.86
NII2C	802.11ac VHT20	NA	5720	Chain0	16.23	17.23
NII2C	802.11ac VHT20	NA	5720	Chain1	11.49	12.49
NII2C	802.11ac VHT20	NA	5720	MIMO	17.49	18.49
NII2C	802.11n HT40	NA	5710	Chain0	10.91	10.91
NII2C	802.11n HT40	NA	5710	Chain1	4.79	4.79
NII2C	802.11n HT40	NA	5710	MIMO	11.86	11.86
NII2C	802.11ac VHT40	NA	5710	Chain0	16.53	17.53
NII2C	802.11ac VHT40	NA	5710	Chain1	16.11	17.11
NII2C	802.11ac VHT40	NA	5710	MIMO	19.34	20.34
NII2C	802.11ac VHT80	NA	5690	Chain0	17.60	18.60
NII2C	802.11ac VHT80	NA	5690	Chain1	14.44	15.44
NII2C	802.11ac VHT80	NA	5690	MIMO	19.31	20.31

### NII3

Title	Test Mode	Tones/ RU Index	Freq (MHz)	Antenna	Conducted average power output(dBm)	EIRP (dBm)
NII3	802.11a	NA	5720	Chain0	0.16	0.16
NII3	802.11a	NA	5720	Chain1	0.27	0.27
NII3	802.11n HT20	NA	5720	Chain0	4.40	4.40
NII3	802.11n HT20	NA	5720	Chain1	4.05	4.05
NII3	802.11n HT20	NA	5720	MIMO	7.24	7.24
NII3	802.11ac VHT20	NA	5720	Chain0	9.81	10.81

NII3	802.11ac VHT20	NA	5720	Chain1	4.73	5.73
NII3	802.11ac VHT20	NA	5720	MIMO	10.98	11.98
NII3	802.11n HT40	NA	5710	Chain0	1.18	1.18
NII3	802.11n HT40	NA	5710	Chain1	-4.98	-4.98
NII3	802.11n HT40	NA	5710	MIMO	2.12	2.12
NII3	802.11ac VHT40	NA	5710	Chain0	2.56	3.56
NII3	802.11ac VHT40	NA	5710	Chain1	6.22	7.22
NII3	802.11ac VHT40	NA	5710	MIMO	7.77	8.77
NII3	802.11ac VHT80	NA	5690	Chain0	0.47	1.47
NII3	802.11ac VHT80	NA	5690	Chain1	3.42	4.42
NII3	802.11ac VHT80	NA	5690	MIMO	5.20	6.20



## Emission Bandwidth

NII2C

Offset 1.2dB = Attenuator + Temporary antenna connector loss + Cable loss

26dB Bandwidth (MHz)			
Title	Test Mode	Antenna	5720MHz
NII2C	802.11a	Chain0	15.98
NII2C	802.11a	Chain1	15.62
NII2C	802.11n HT20	Chain0	15.74
NII2C	802.11n HT20	Chain1	16.22
NII2C	802.11ac VHT20	Chain0	19.40
NII2C	802.11ac VHT20	Chain1	16.40

26dB Bandwidth (MHz)			
Title	Test Mode	Antenna	5710MHz
NII2C	802.11n HT40	Chain0	36.00
NII2C	802.11n HT40	Chain1	36.24
NII2C	802.11ac VHT40	Chain0	43.56
NII2C	802.11ac VHT40	Chain1	35.64

26dB Bandwidth (MHz)			
Title	Test Mode	Antenna	5690MHz
NII2C	802.11ac VHT80	Chain0	65.72
NII2C	802.11ac VHT80	Chain1	65.72

NII3

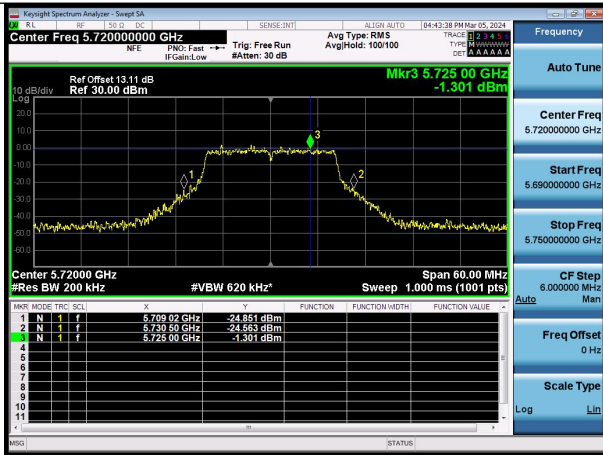
Offset 1.2dB = Attenuator + Temporary antenna connector loss + Cable loss

26dB Bandwidth (MHz)			
Title	Test Mode	Antenna	5720MHz
NII3	802.11a	Chain0	5.50
NII3	802.11a	Chain1	5.20
NII3	802.11n HT20	Chain0	5.50
NII3	802.11n HT20	Chain1	6.82
NII3	802.11ac VHT20	Chain0	9.82
NII3	802.11ac VHT20	Chain1	5.92

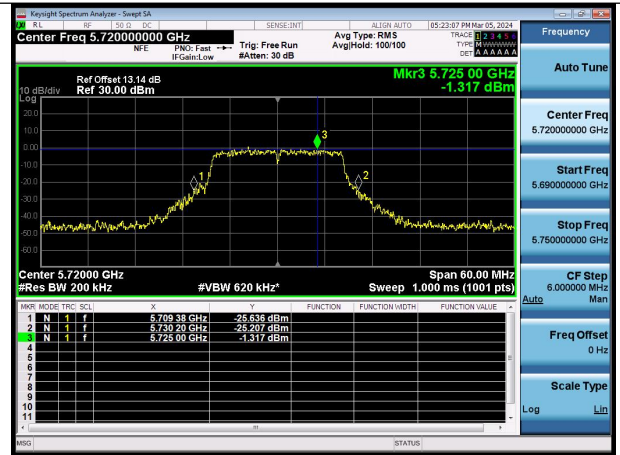
26dB Bandwidth (MHz)			
Title	Test Mode	Antenna	5710MHz
NII3	802.11n HT40	Chain0	6.24
NII3	802.11n HT40	Chain1	6.60
NII3	802.11ac VHT40	Chain0	8.04
NII3	802.11ac VHT40	Chain1	6.60

26dB Bandwidth (MHz)			
Title	Test Mode	Antenna	5690MHz
NII3	802.11ac VHT80	Chain0	5.08
NII3	802.11ac VHT80	Chain1	7.48

Test Mode: 802.11a

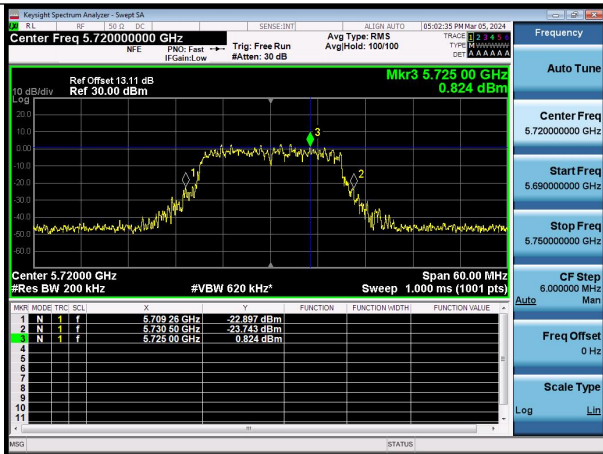


Mode:802.11a Frequency:5720MHz Ant:Chain0  
scope:NII2C

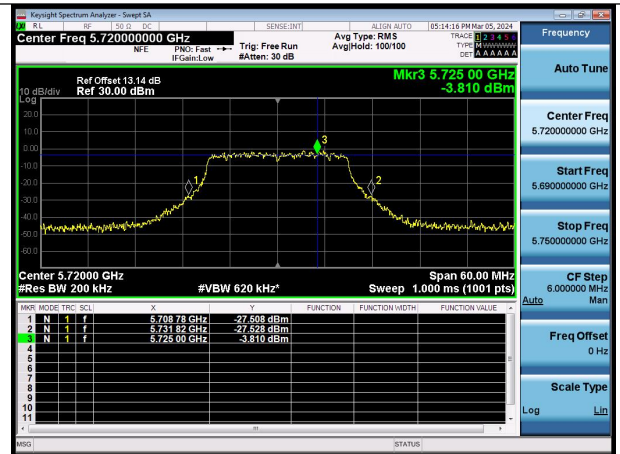


Mode:802.11a Frequency:5720MHz Ant:Chain1  
scope:NII2C

Test Mode: 802.11n HT20



Mode:802.11n HT20 Frequency:5720MHz Ant:Chain0  
scope:NII2C

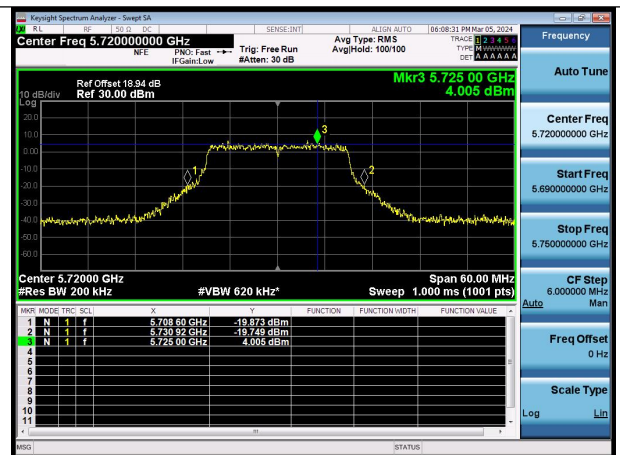


Mode:802.11n HT20 Frequency:5720MHz Ant:Chain1  
scope:NII2C

Test Mode: 802.11ac VHT20



Mode:802.11ac VHT20 Frequency:5720MHz Ant:Chain0  
scope:NII2C



Mode:802.11ac VHT20 Frequency:5720MHz Ant:Chain1  
scope:NII2C