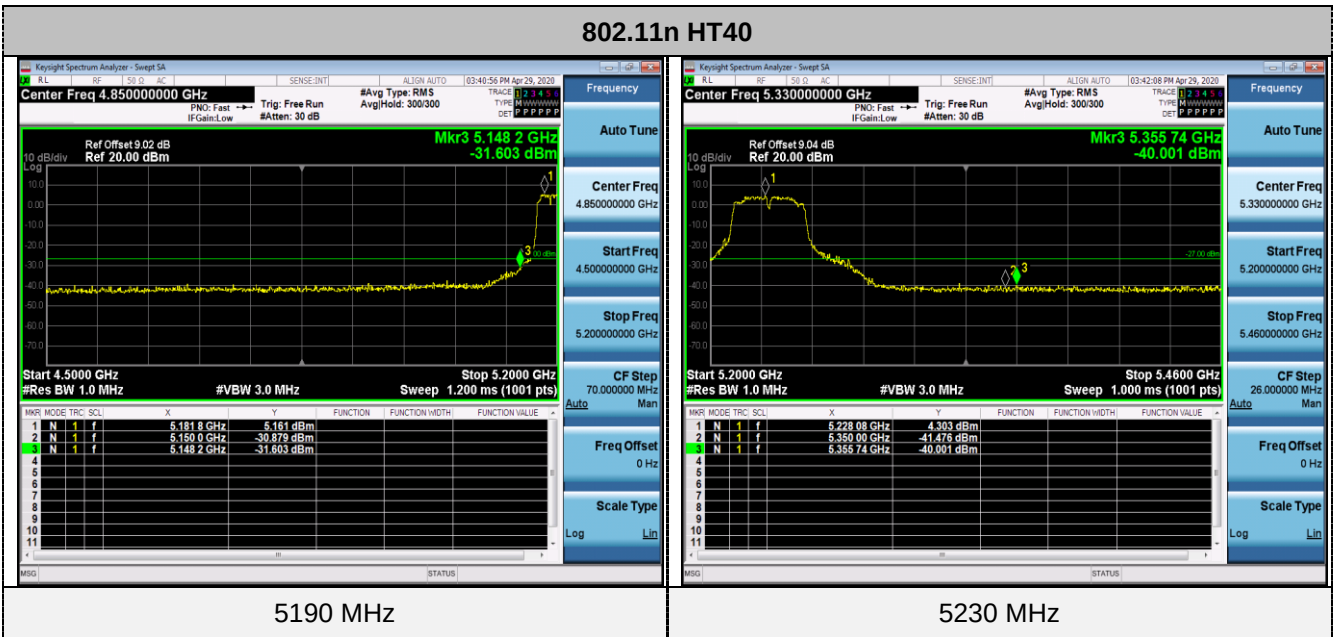
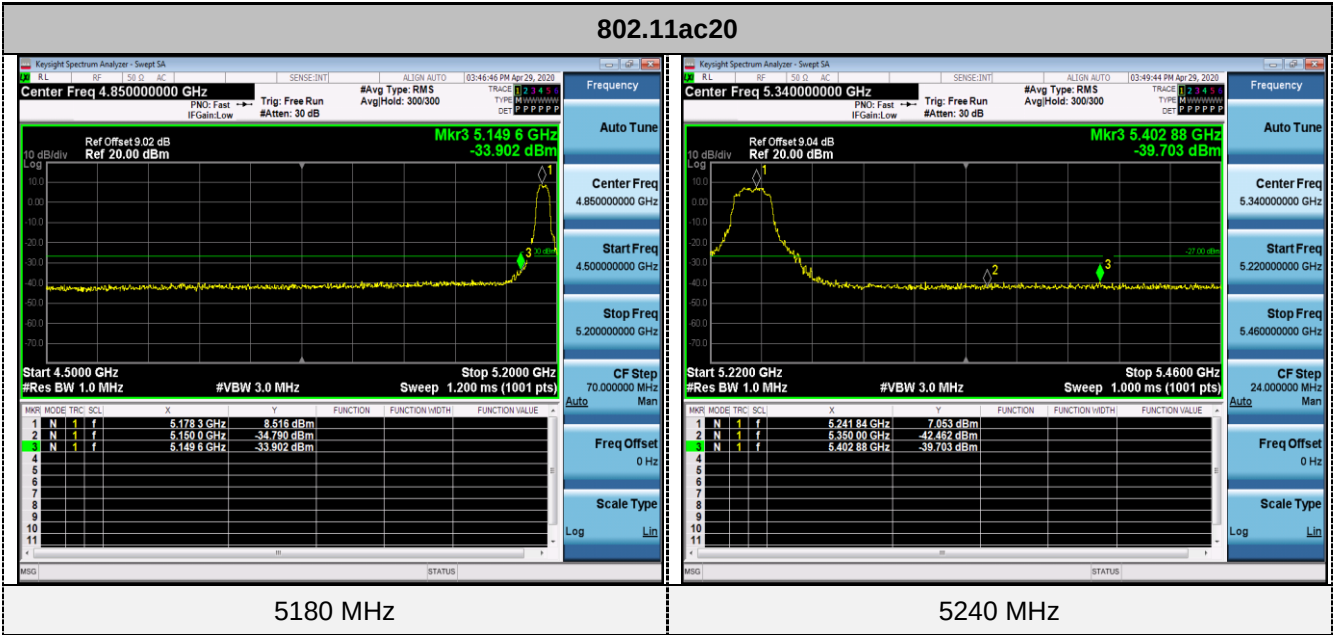
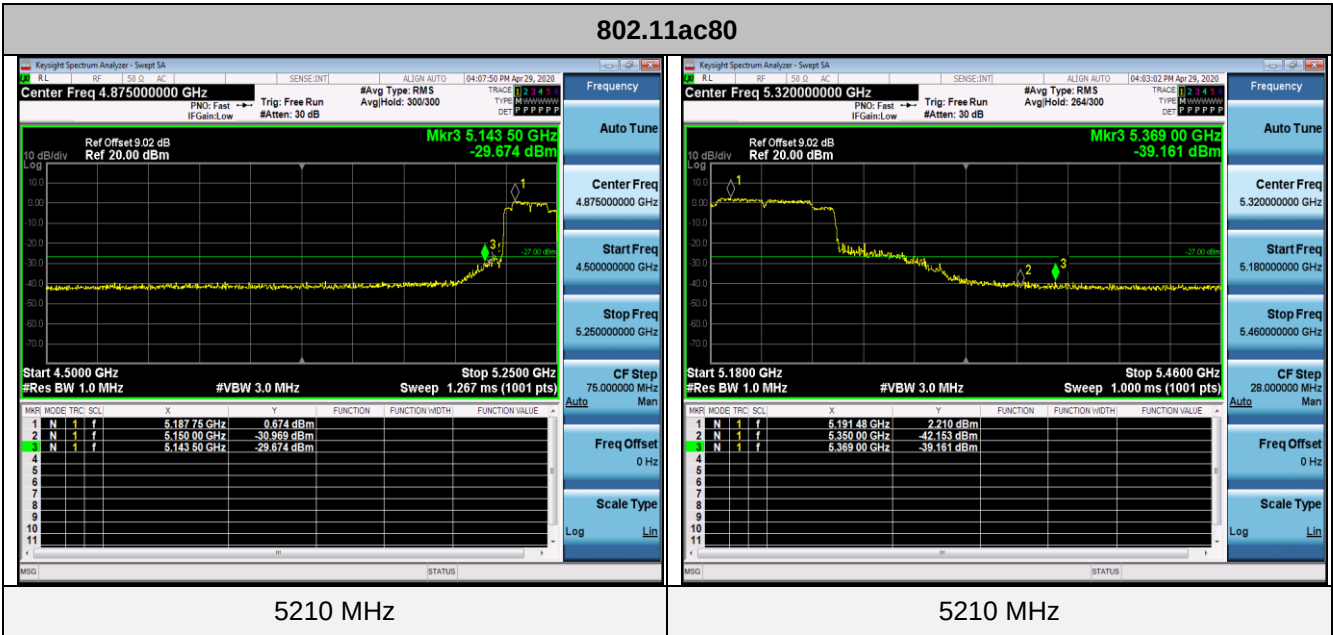
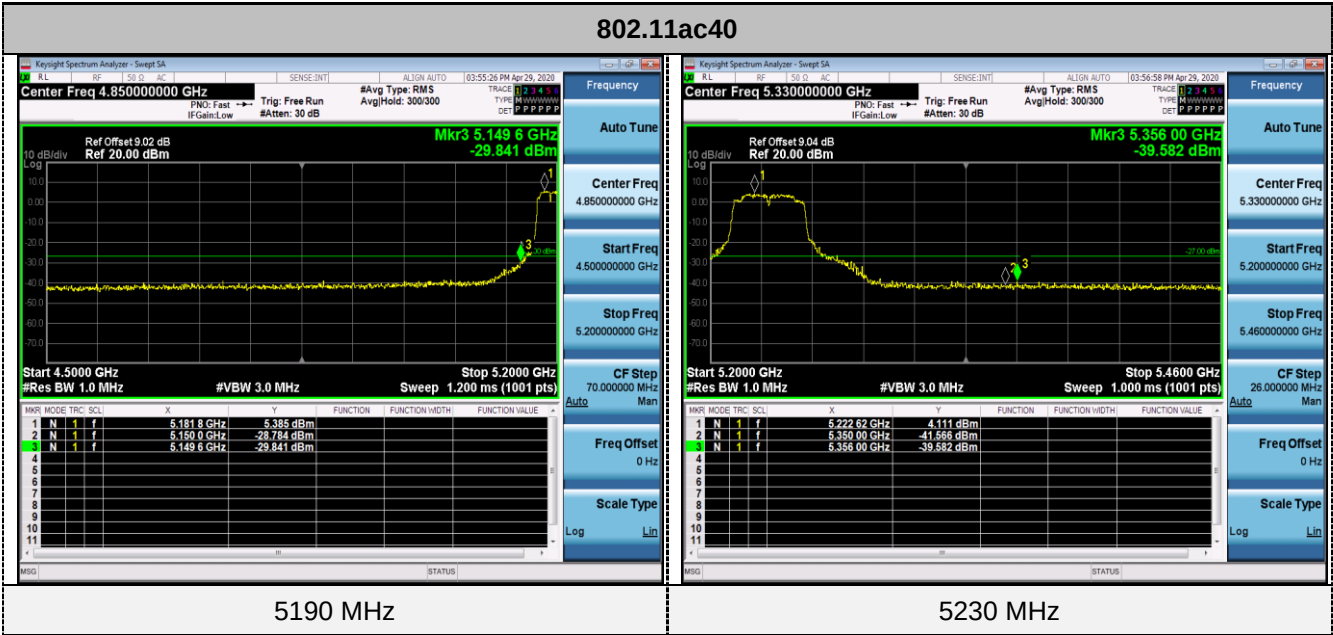
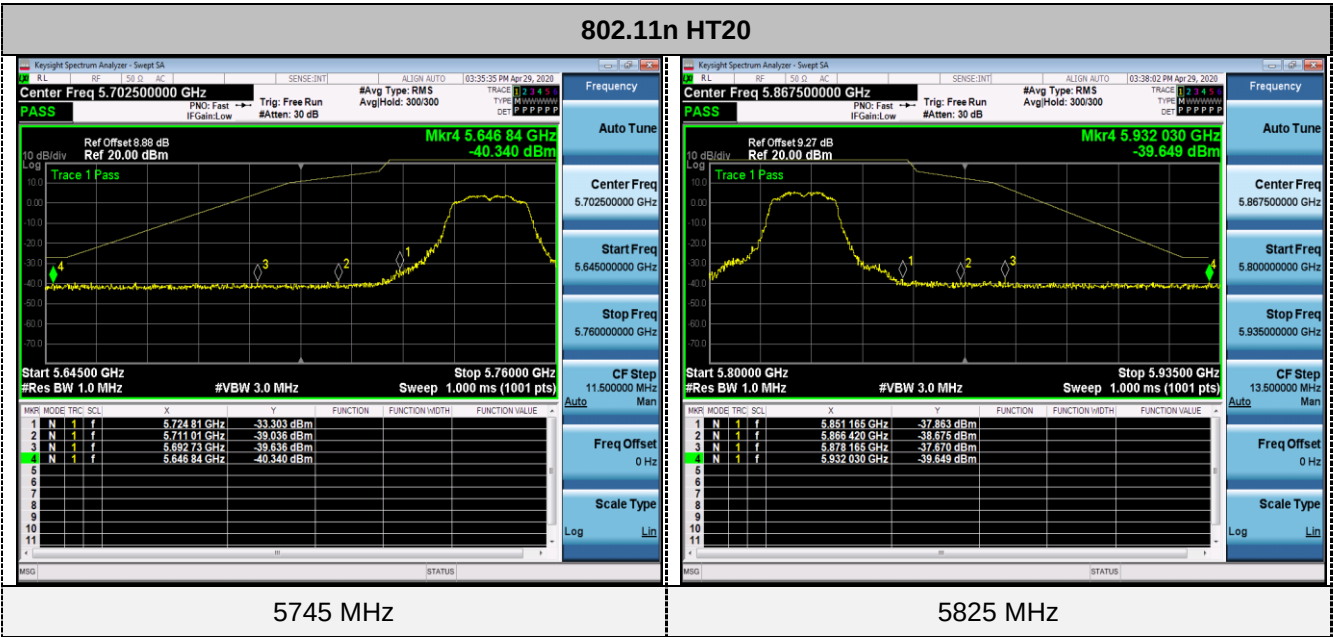
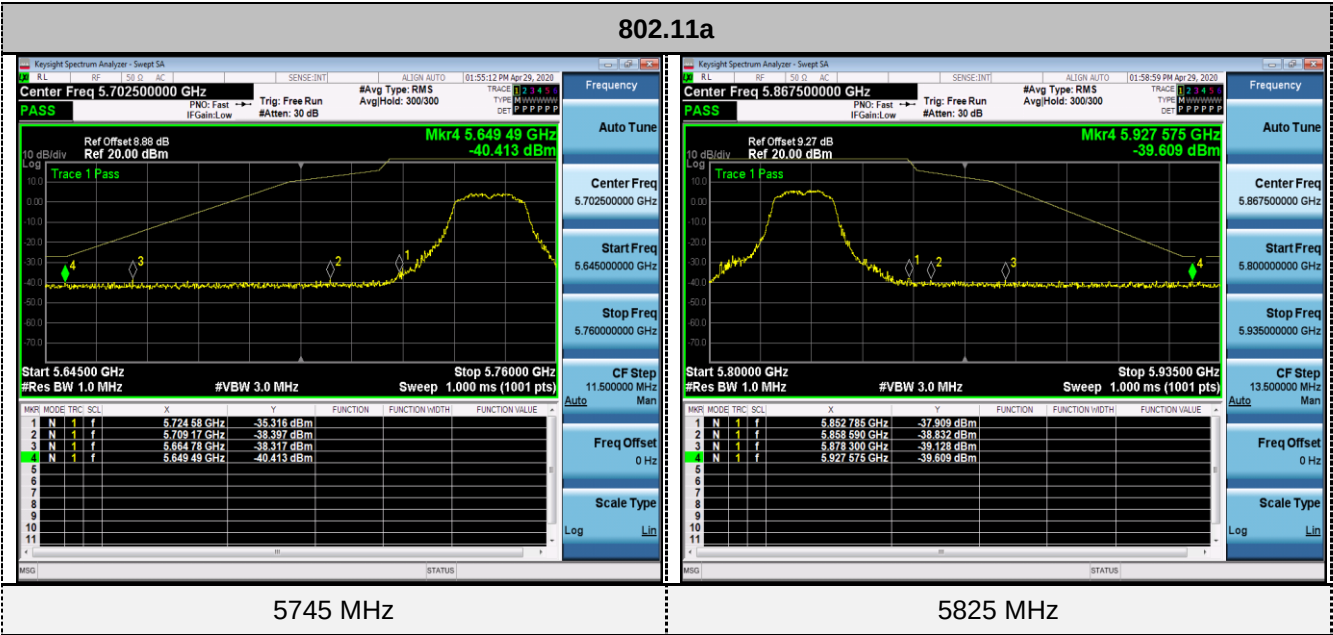


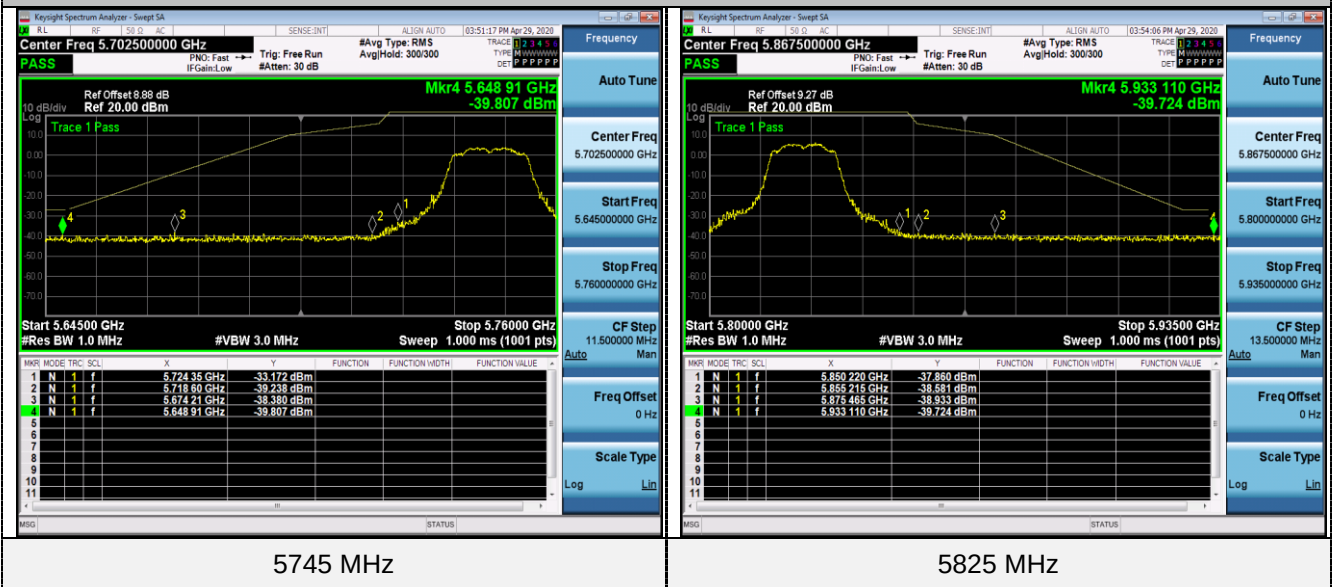




5725-5850MHz:

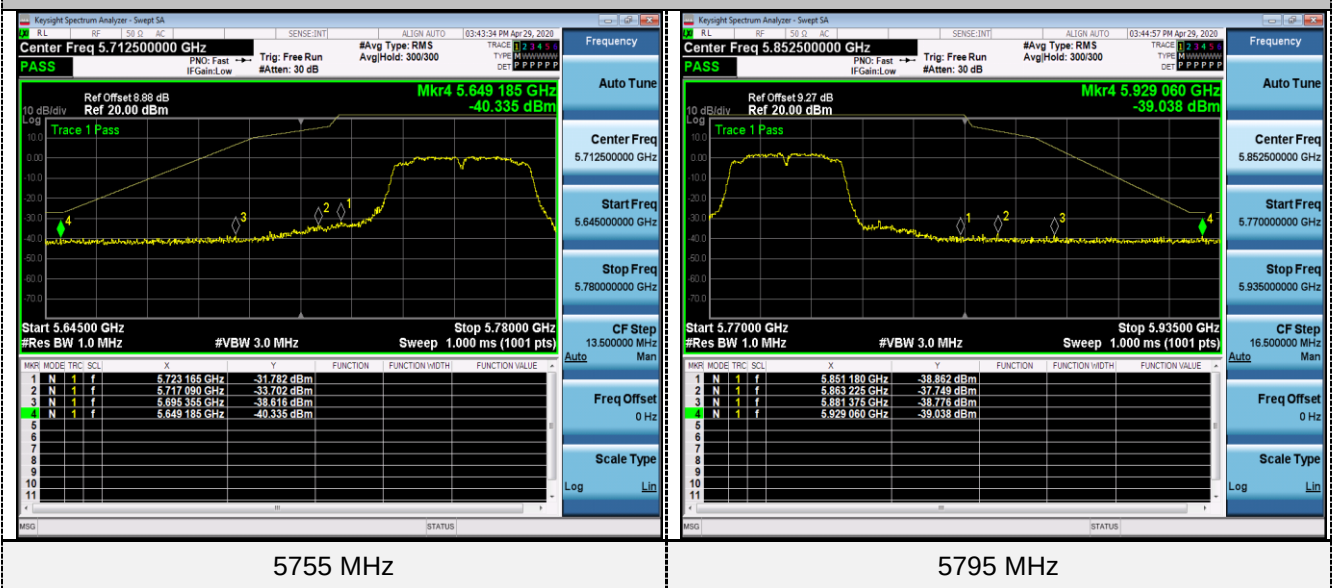


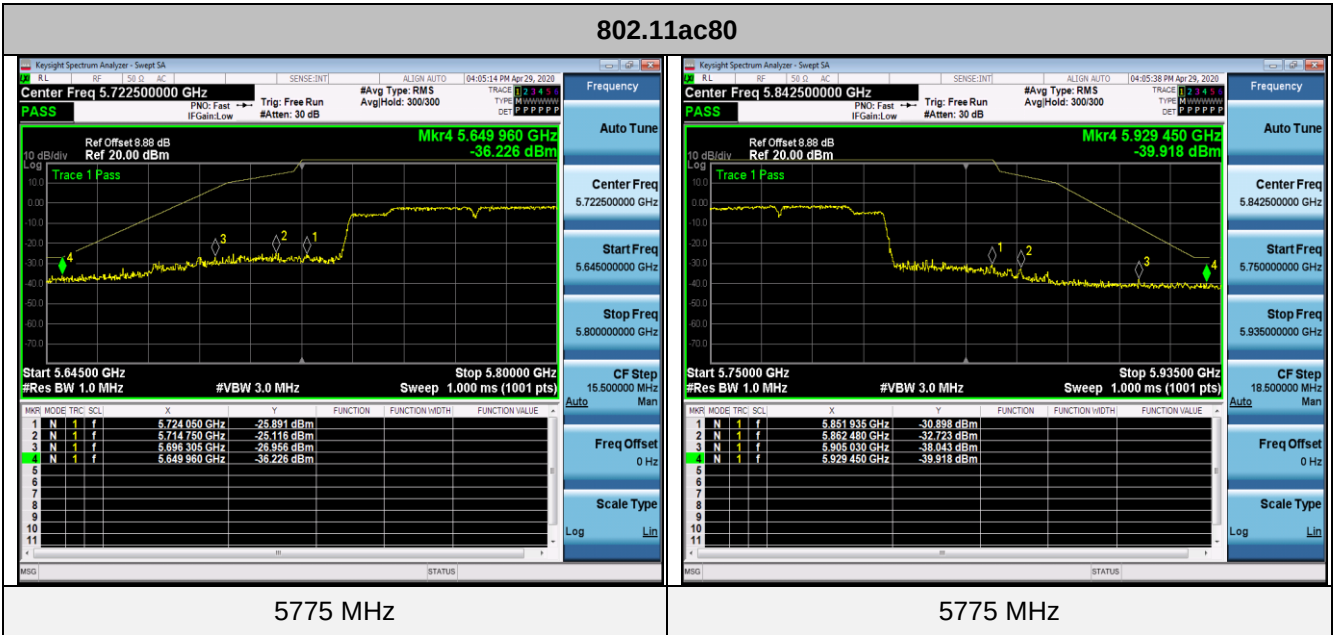
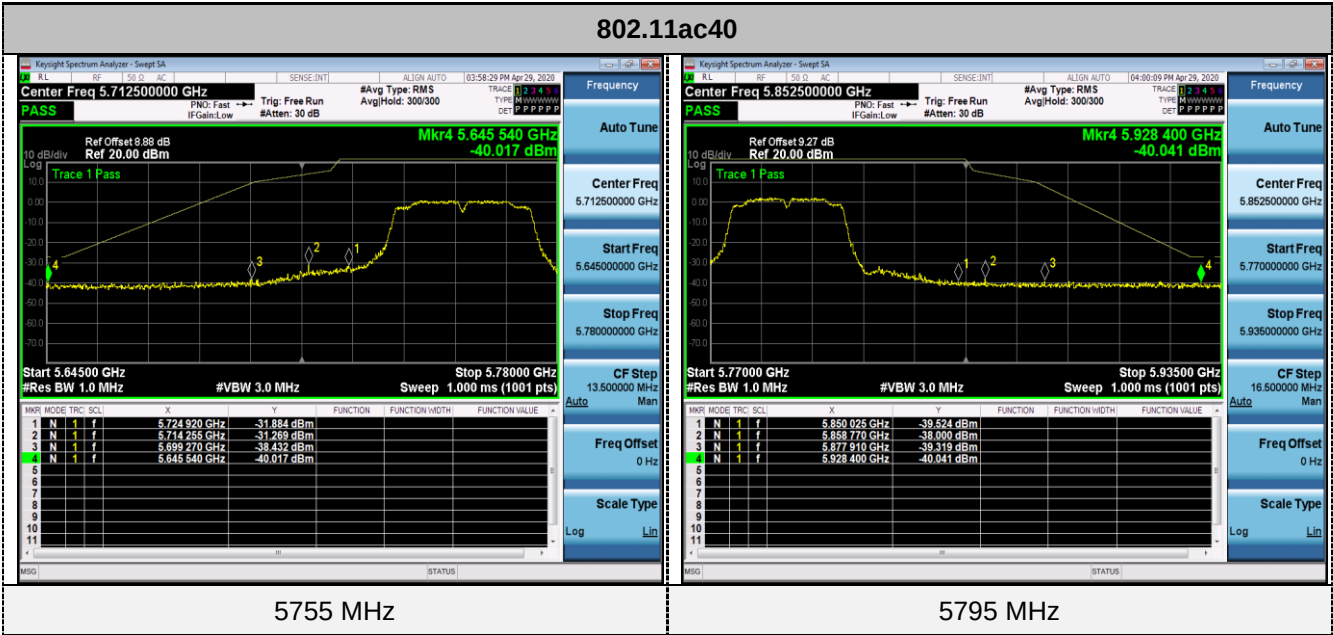
802.11ac20



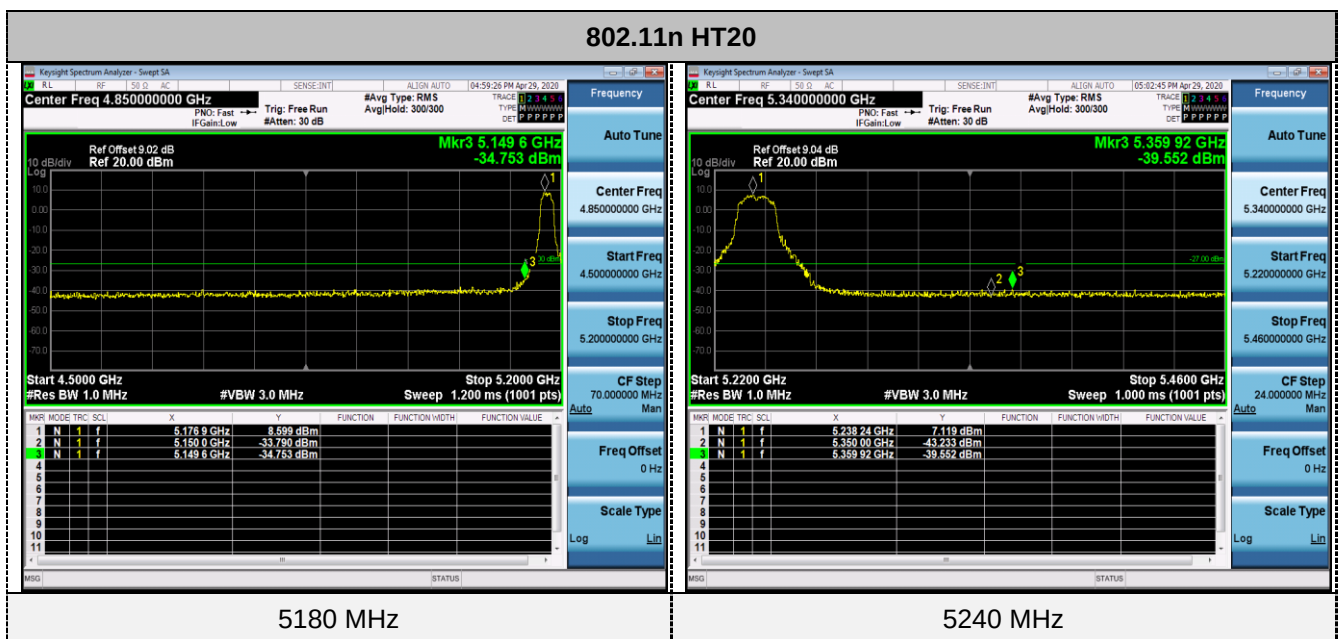
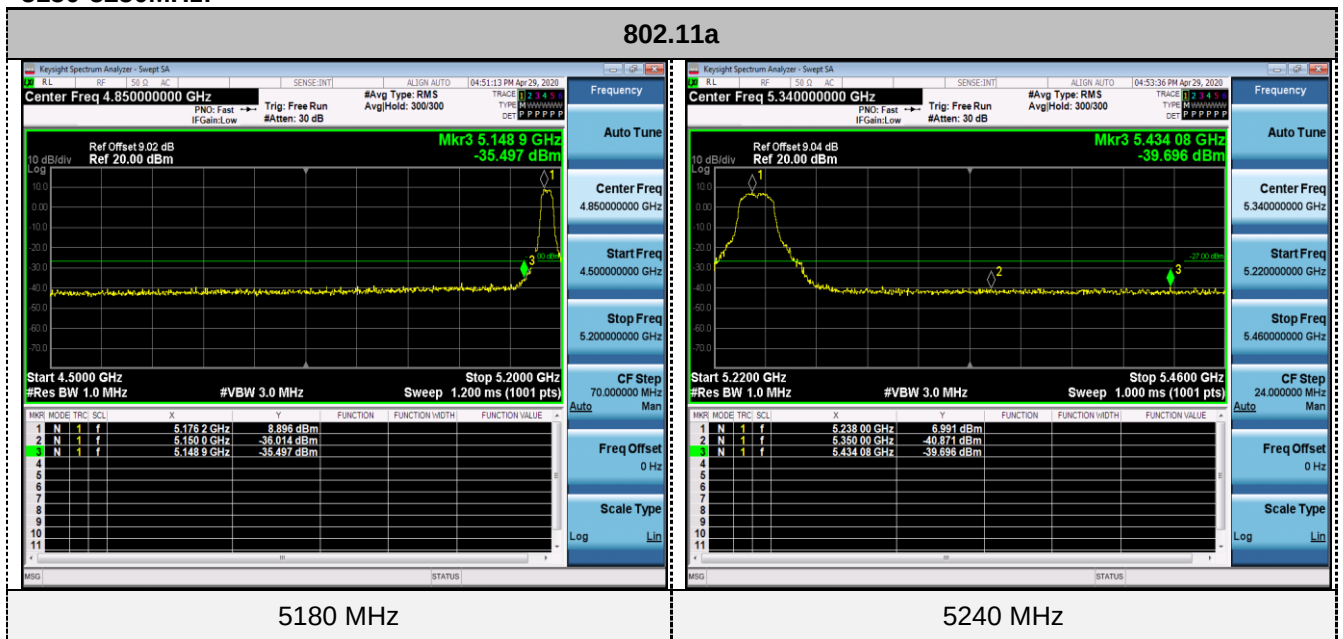
5825 MHz

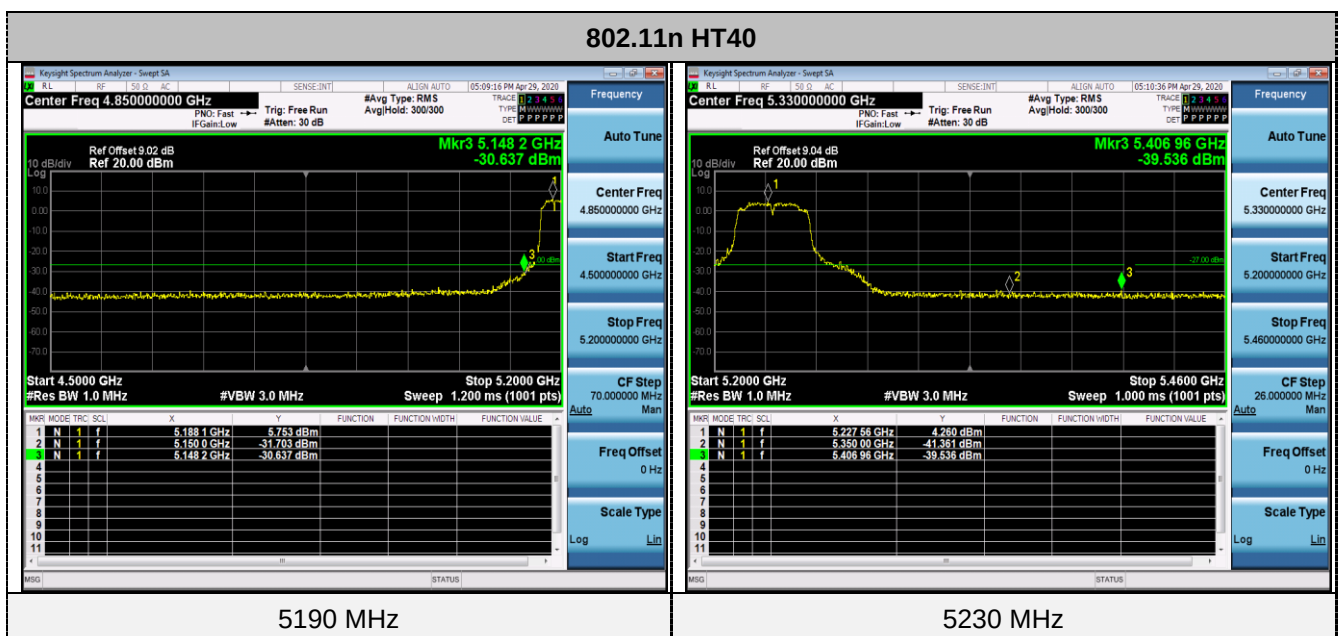
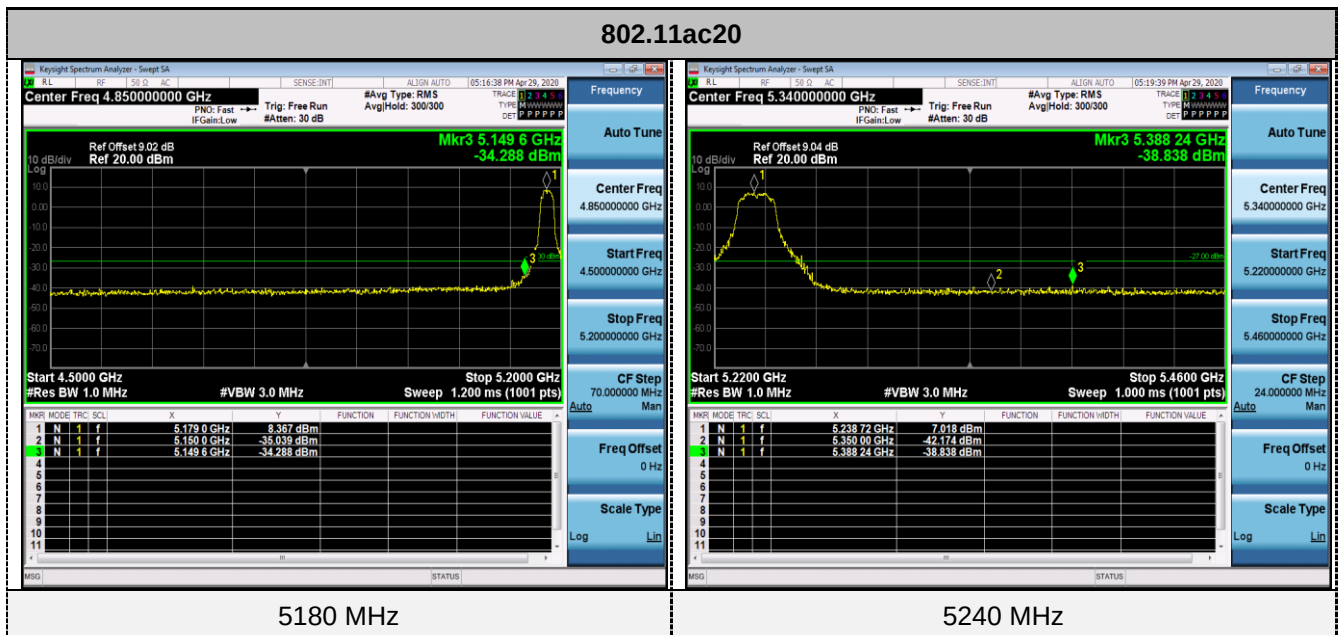
802.11n HT40



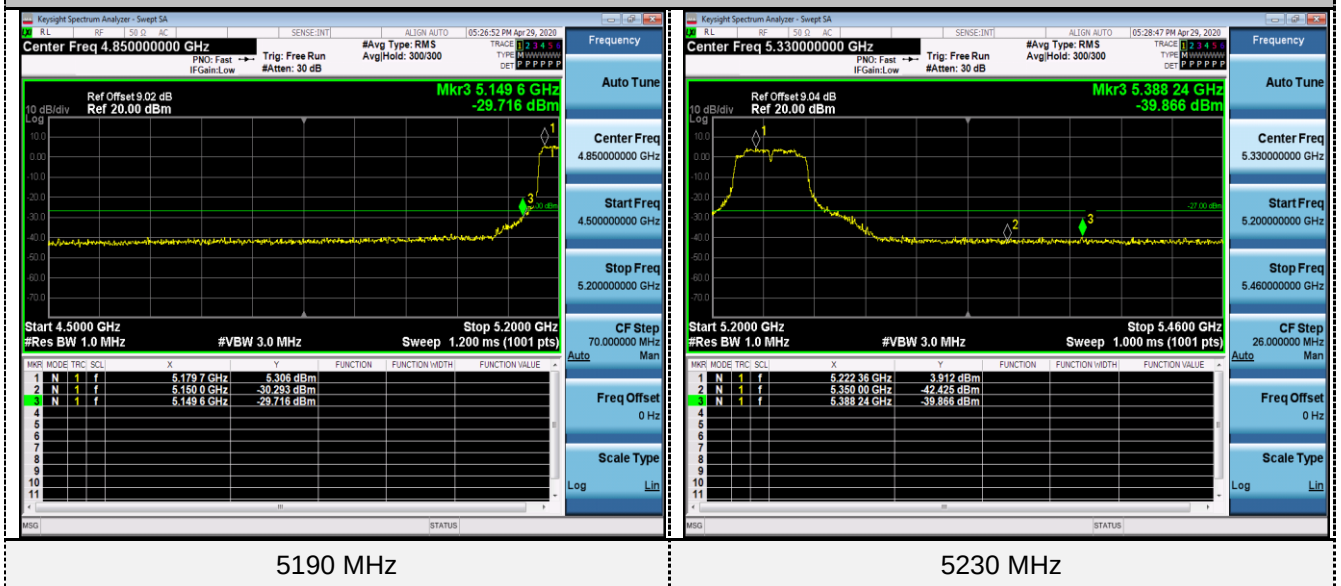


Antenna 1:
5150-5250MHz:





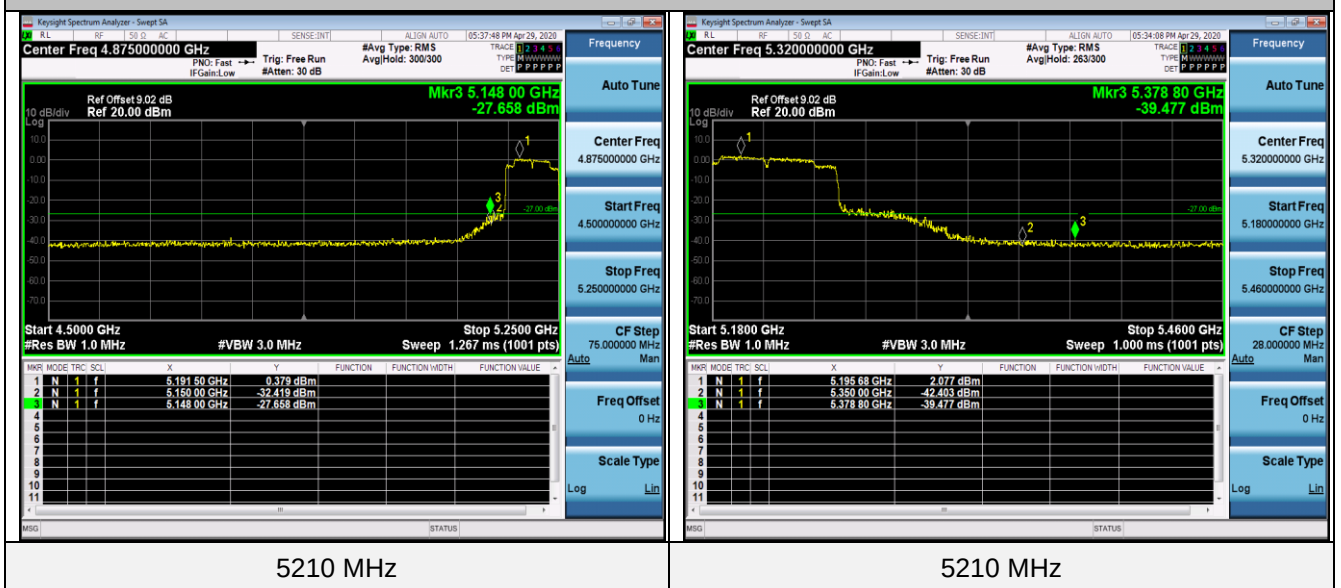
802.11ac40



5190 MHz

5230 MHz

802.11ac80



5210 MHz

5210 MHz

The figure displays two side-by-side screenshots of a Keysight Spectrum Analyzer interface, showing frequency response plots for two different frequencies: 5745 MHz and 5825 MHz.

Left Screenshot (5745 MHz):

- Center Freq:** 5.702500000 GHz
- Start Freq:** 5.645000000 GHz
- Stop Freq:** 5.760000000 GHz
- CF Step:** 11.500000000 MHz
- Frequency Offset:** 0 Hz
- Scale Type:** Log
- Trace 1 Pass:** Mkr4 5.646 04 GHz -39.990 dBm
- Table Data:**

NR	MODE	TRC	SC	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	5.724 35 GHz	-36.090 dBm			
2	N	1	f	5.714 23 GHz	-39.482 dBm			
3	N	1	f	5.674 44 GHz	-38.644 dBm			
4	N	1	f	5.646 04 GHz	-39.990 dBm			

Right Screenshot (5825 MHz):

- Center Freq:** 5.867500000 GHz
- Start Freq:** 5.800000000 GHz
- Stop Freq:** 5.935000000 GHz
- CF Step:** 13.500000000 MHz
- Frequency Offset:** 0 Hz
- Scale Type:** Log
- Trace 1 Pass:** Mkr4 5.933 110 GHz -39.579 dBm
- Table Data:**

NR	MODE	TRC	SC	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	5.850 365 GHz	-38.757 dBm			
2	N	1	f	5.888 995 GHz	-38.614 dBm			
3	N	1	f	5.924 875 GHz	-38.974 dBm			
4	N	1	f	5.933 110 GHz	-39.579 dBm			

The figure displays two side-by-side screenshots of a Keysight Spectrum Analyzer (SA) interface, showing frequency spectra for two different HT20 channels. The left screenshot is for 5745 MHz and the right is for 5825 MHz. Both show a peak at the center frequency with a power level around -39 dBm. The interface includes various controls like Center Freq, Span, and a table of measured data points.

Left Screenshot (5745 MHz):

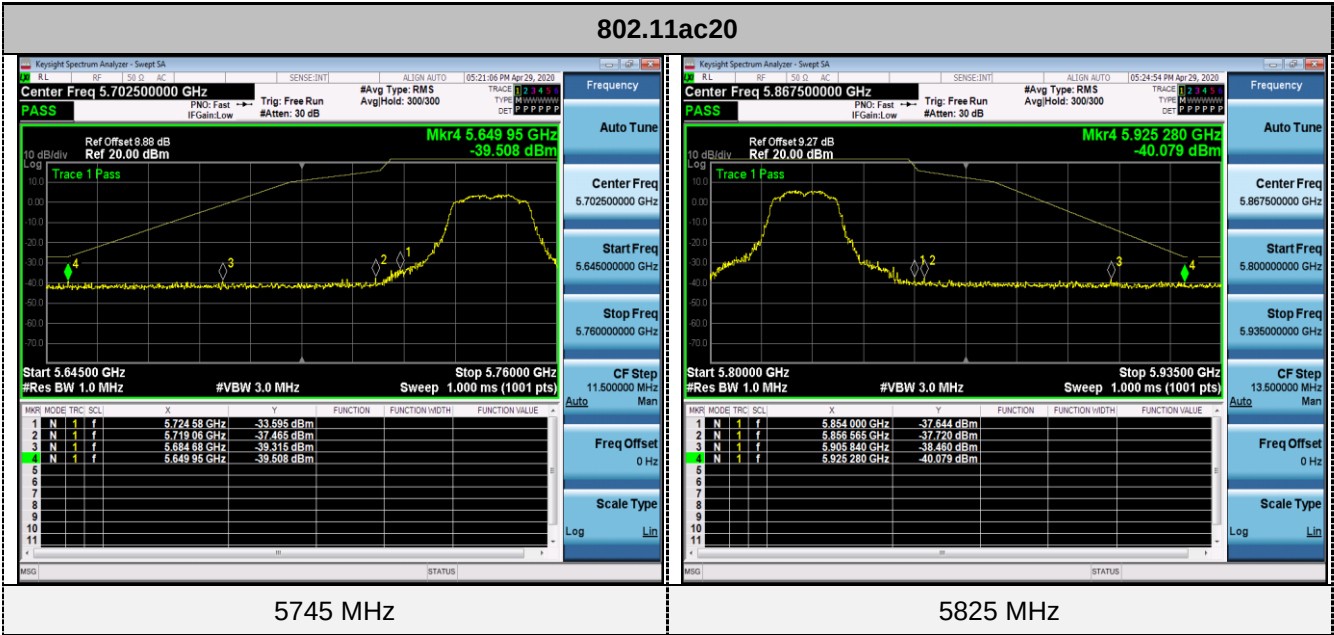
- Center Freq: 5.70250000 GHz
- Ref Offset: 8.88 dB
- Ref: 20.00 dBm
- Mkr4 5.648 34 GHz -39.881 dBm
- Trace 1 Pass
- Start: 5.645000 GHz
- Stop: 5.760000 GHz
- #Res BW 1.0 MHz
- #VBW 3.0 MHz
- Sweep 1.000 ms (1001 pts)

MNR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	5.724 58 GHz	-33.671 dBm			
2	N	1	f	5.718 83 GHz	-38.865 dBm			
3	N	1	f	5.691 58 GHz	-39.431 dBm			
4	N	1	f	5.648 34 GHz	-39.881 dBm			

Right Screenshot (5825 MHz):

- Center Freq: 5.86750000 GHz
- Ref Offset: 9.27 dB
- Ref: 20.00 dBm
- Mkr4 5.933 785 GHz -39.522 dBm
- Trace 1 Pass
- Start: 5.800000 GHz
- Stop: 5.935000 GHz
- #Res BW 1.0 MHz
- #VBW 3.0 MHz
- Sweep 1.000 ms (1001 pts)

MNR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	5.871 705 GHz	-36.383 dBm			
2	N	1	f	5.870 605 GHz	-38.333 dBm			
3	N	1	f	5.883 295 GHz	-39.149 dBm			
4	N	1	f	5.933 785 GHz	-39.522 dBm			



4.9. Antenna Requirement

Standard Applicable

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

And according to FCC 47 CFR Section 15.407 (a), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

Antenna Information

The antenna is External antenna, through the buckle stretched out, The directional gains of antenna used for transmitting is 2.0dBi.

Reference to the Test Report: **GTS20200414005-1-1.**

5. TEST SETUP PHOTOS OF THE EUT

Reference to the test report No. **GTS20200414005-1-1.**

6. EXTERNAL AND INTERNAL PHOTOS OF THE EUT

Reference to the test report No. **GTS20200414005-1-1.**

.....**End of Report**.....