

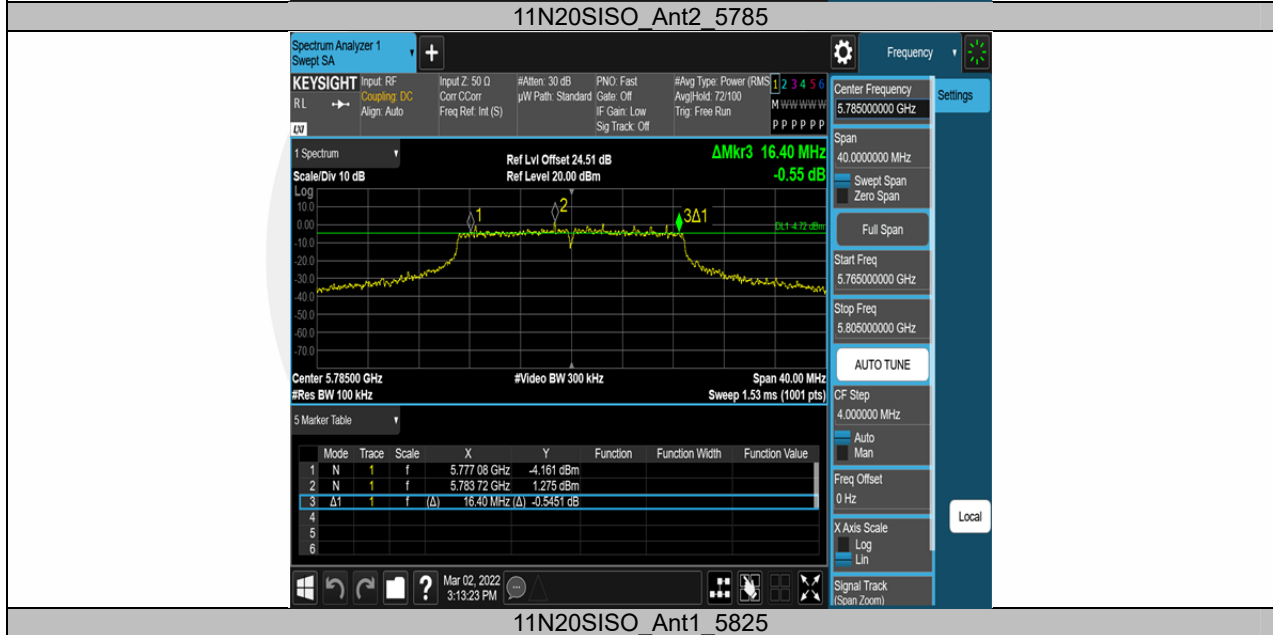


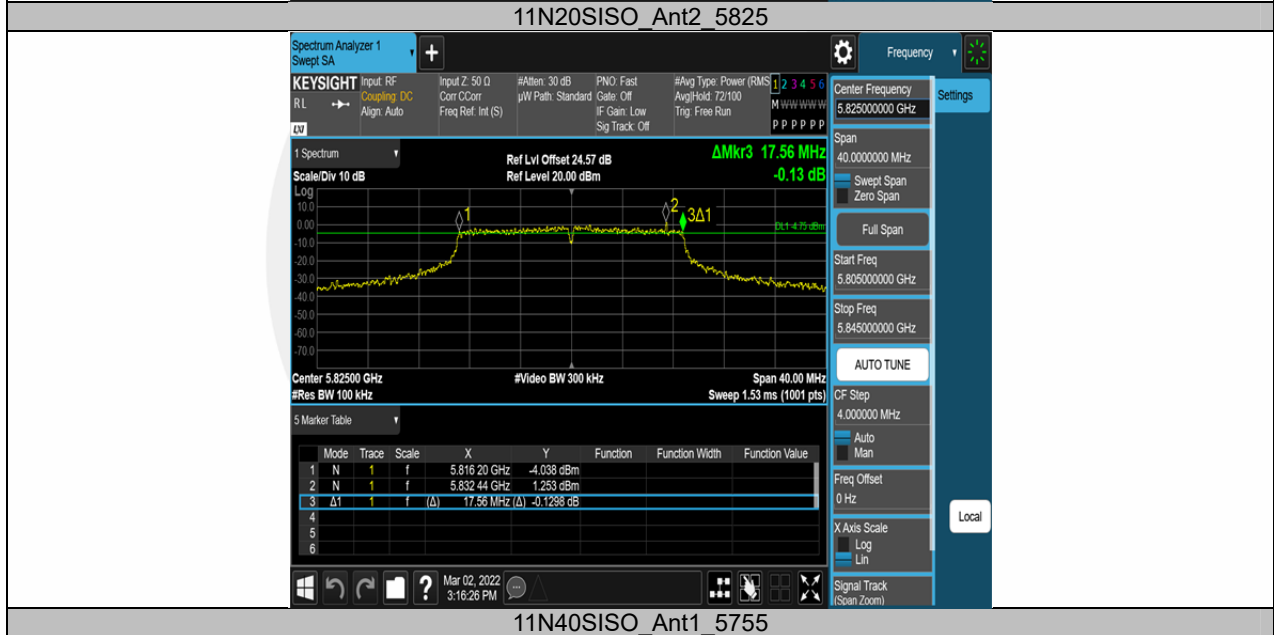


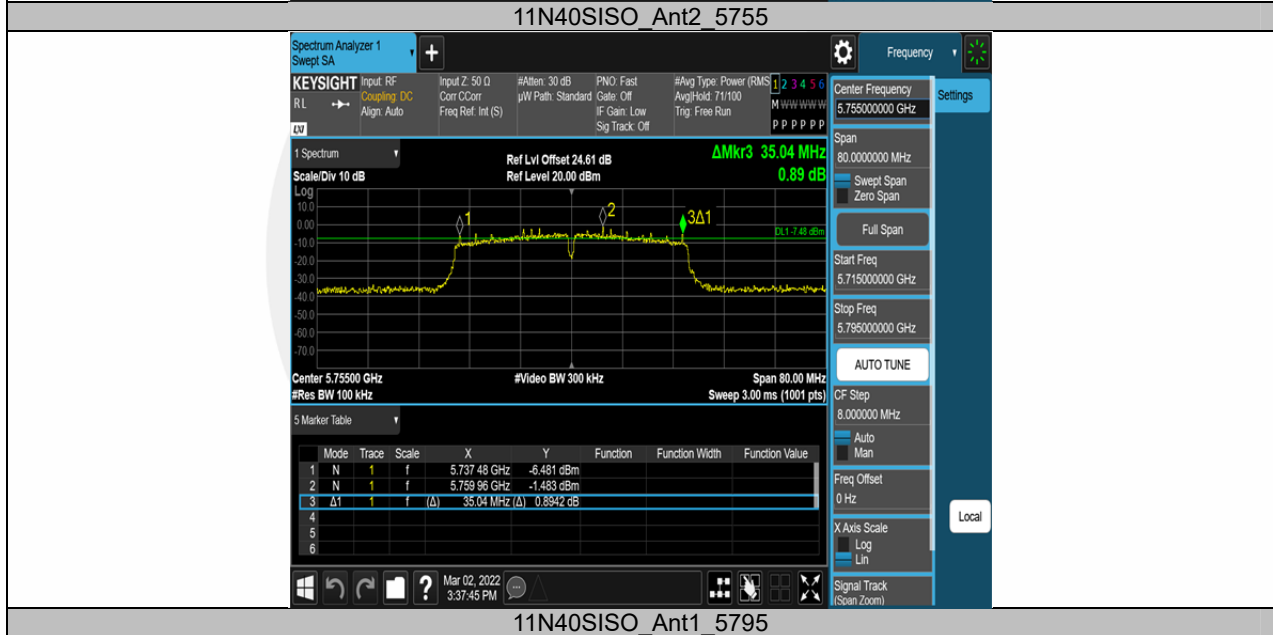
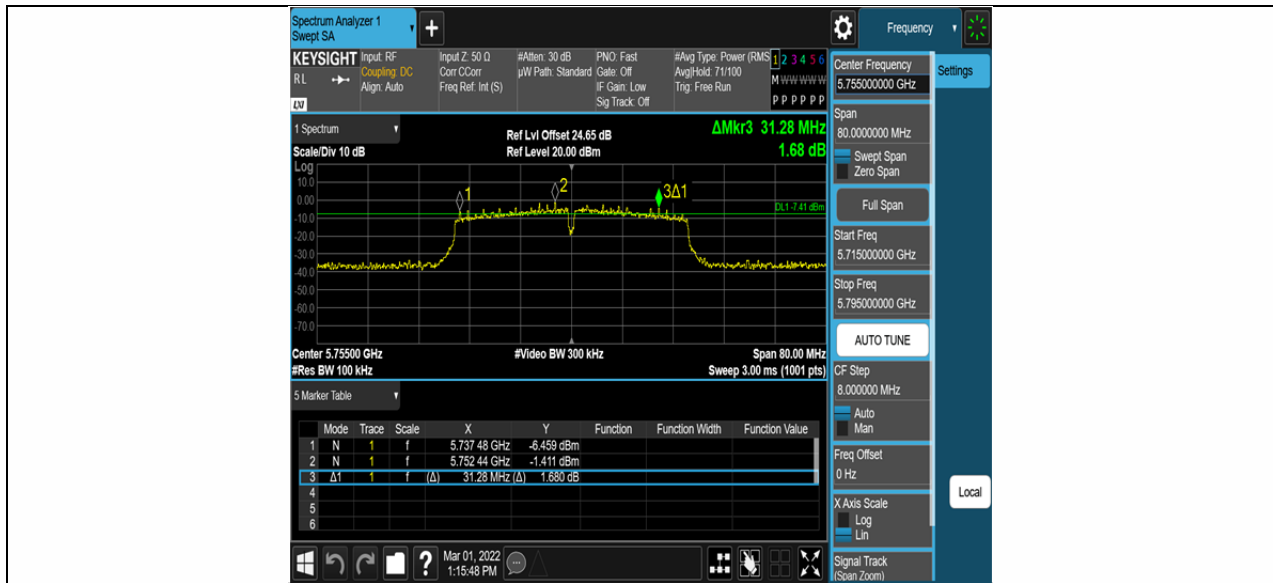
11N20SISO_Ant2_5745

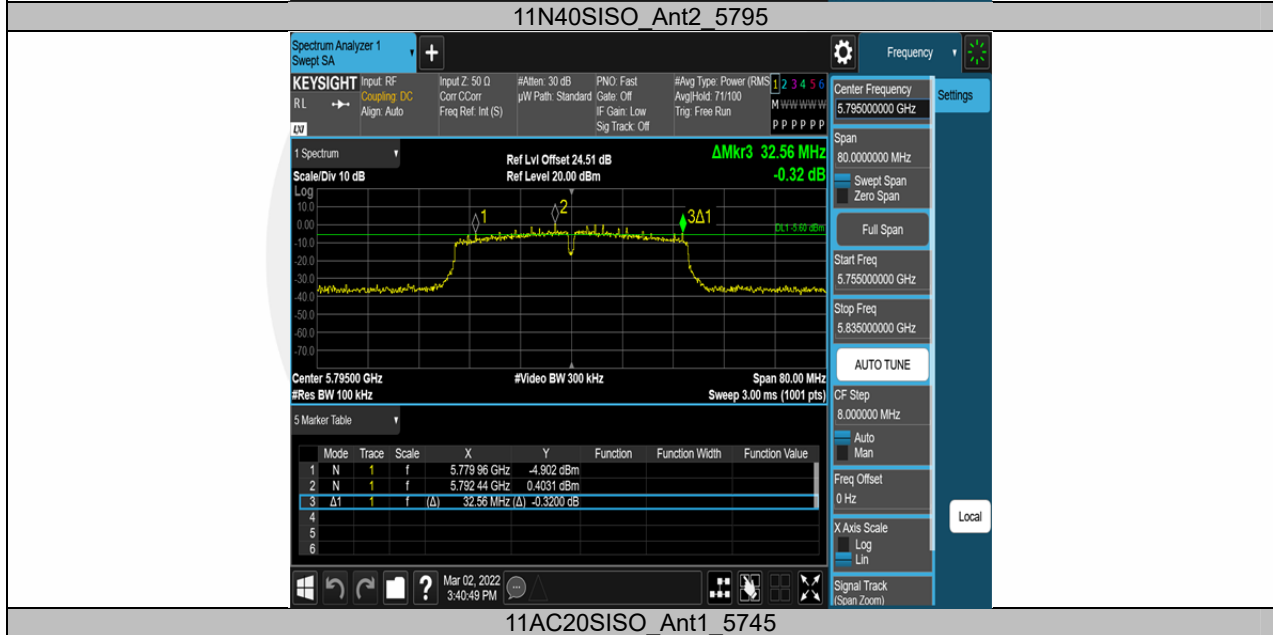
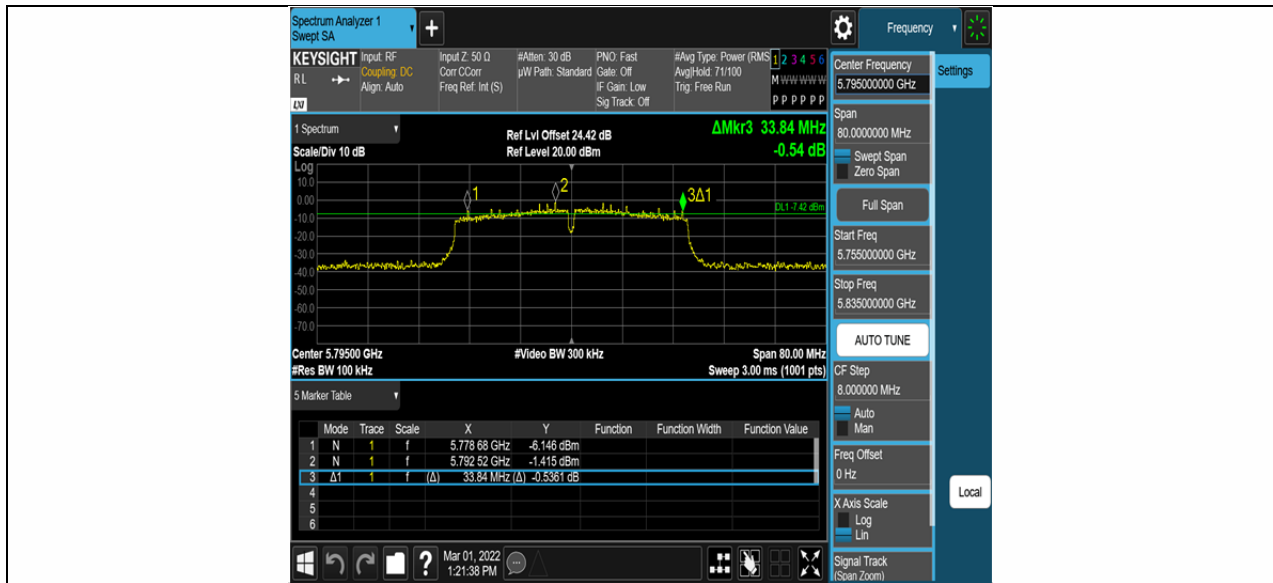


11N20SISO_Ant1_5785

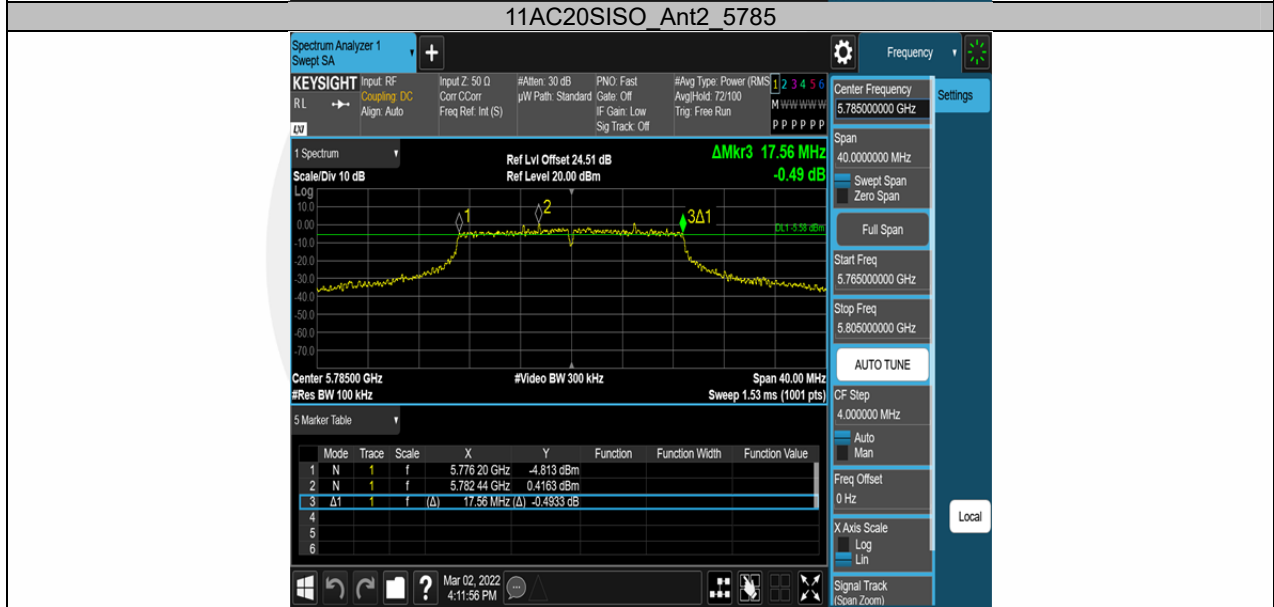








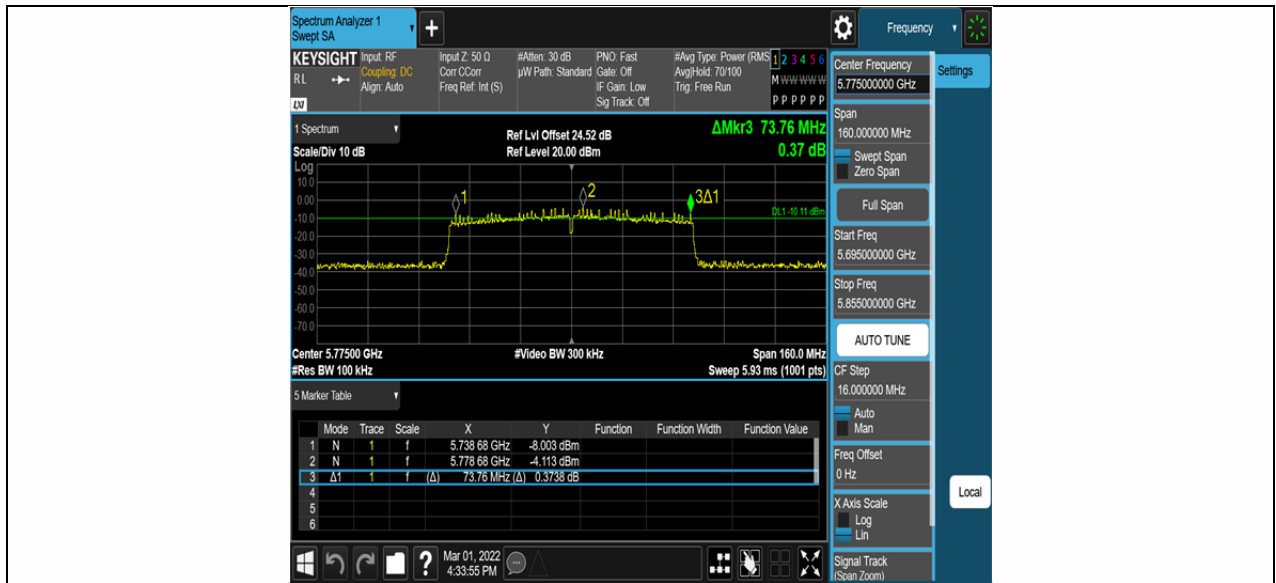


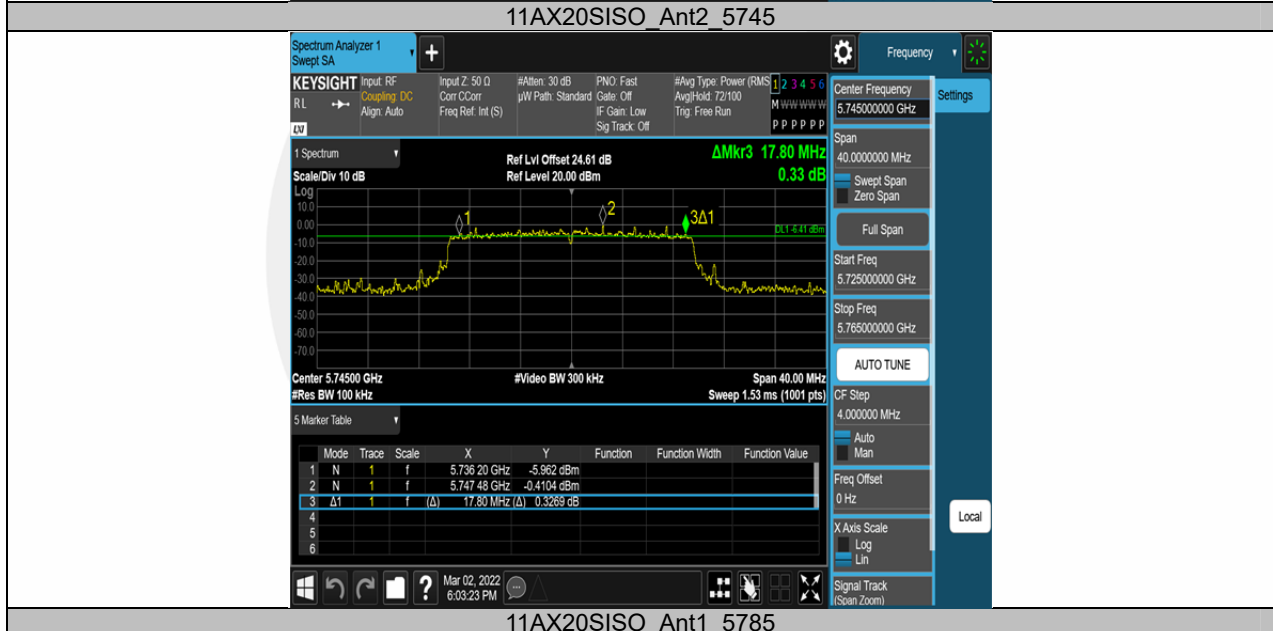
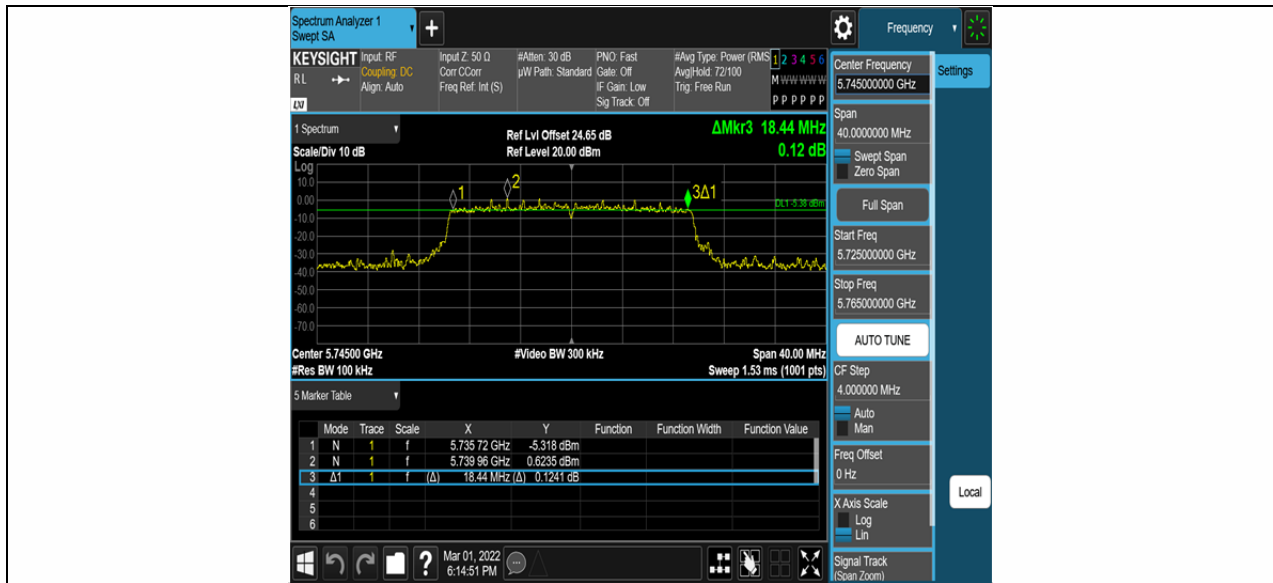


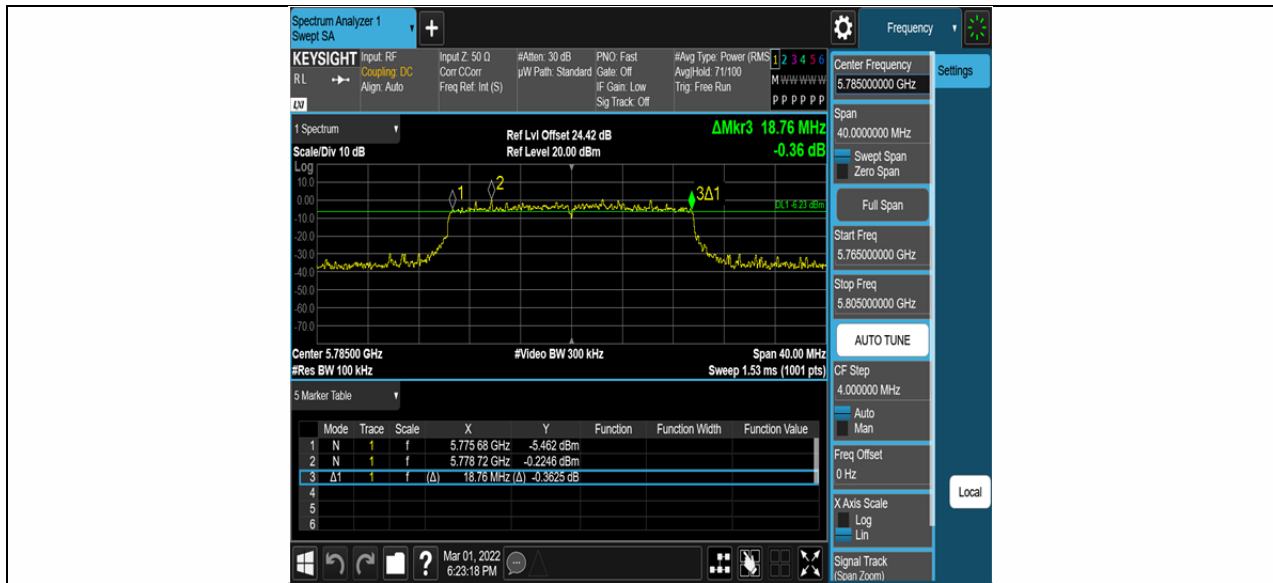




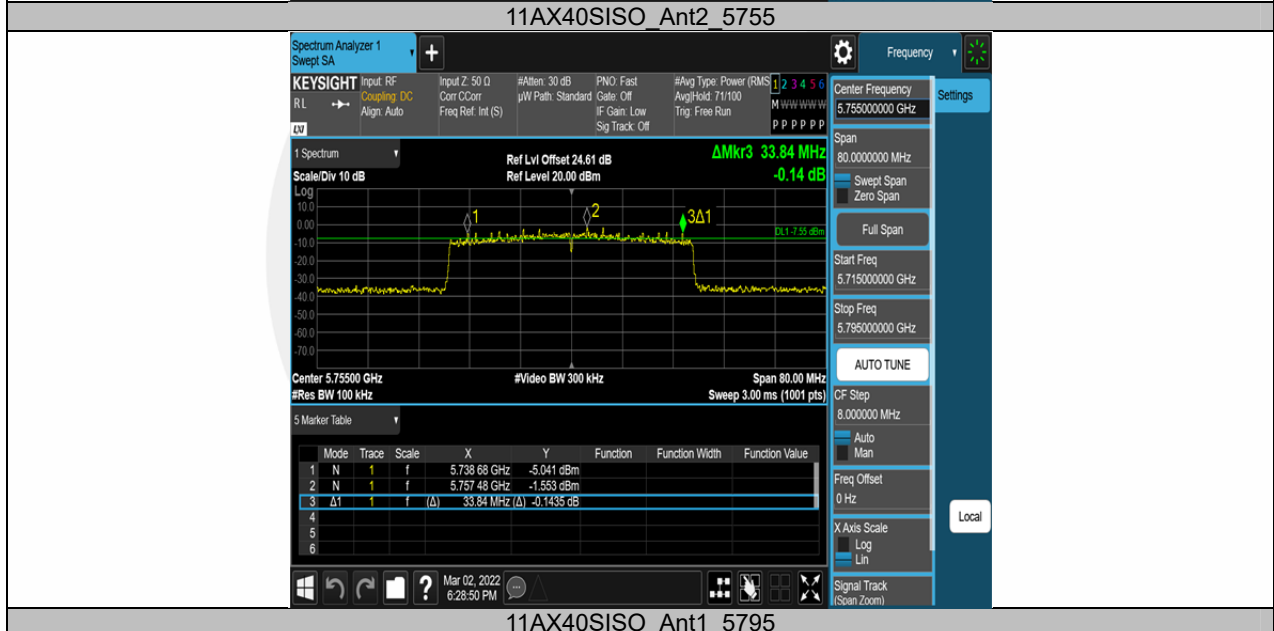
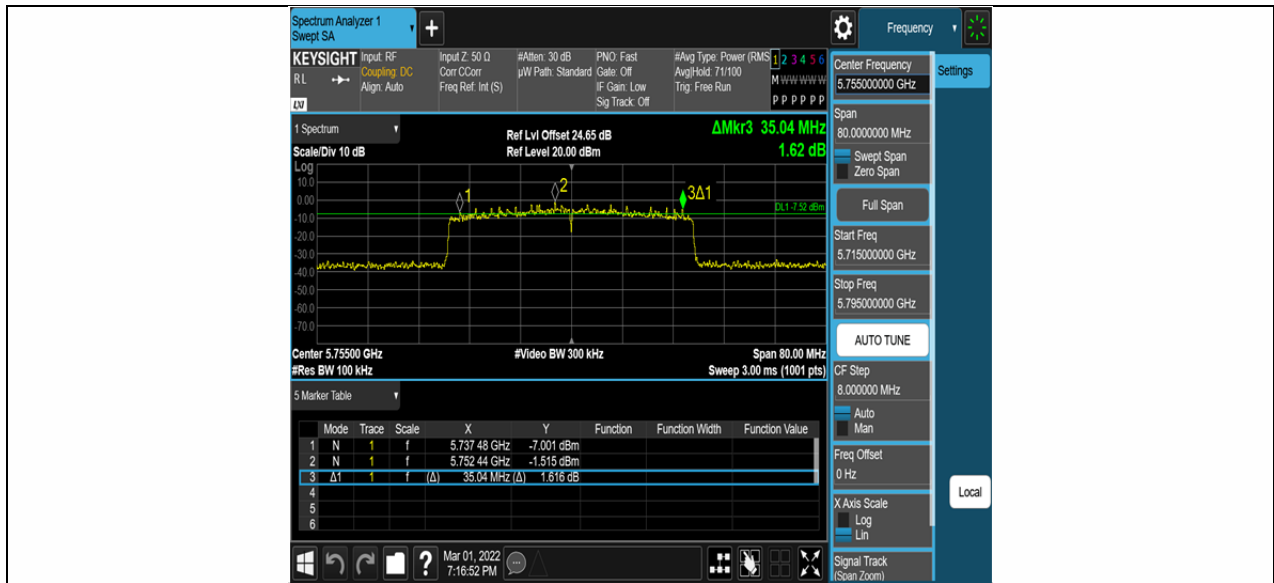


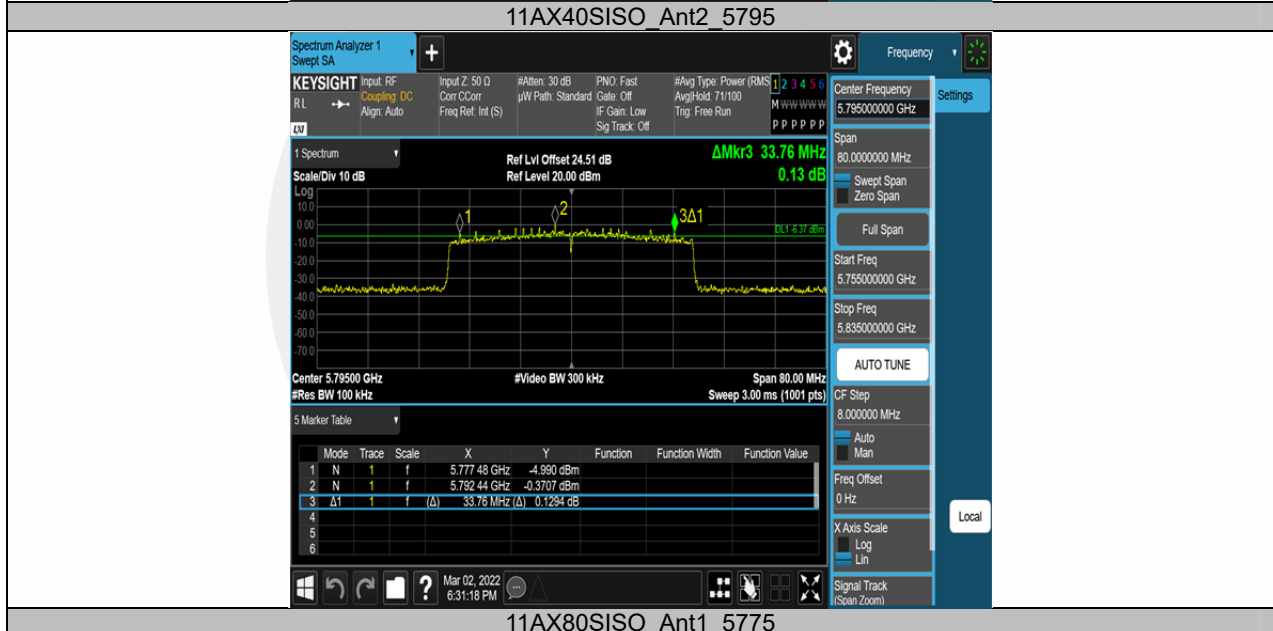
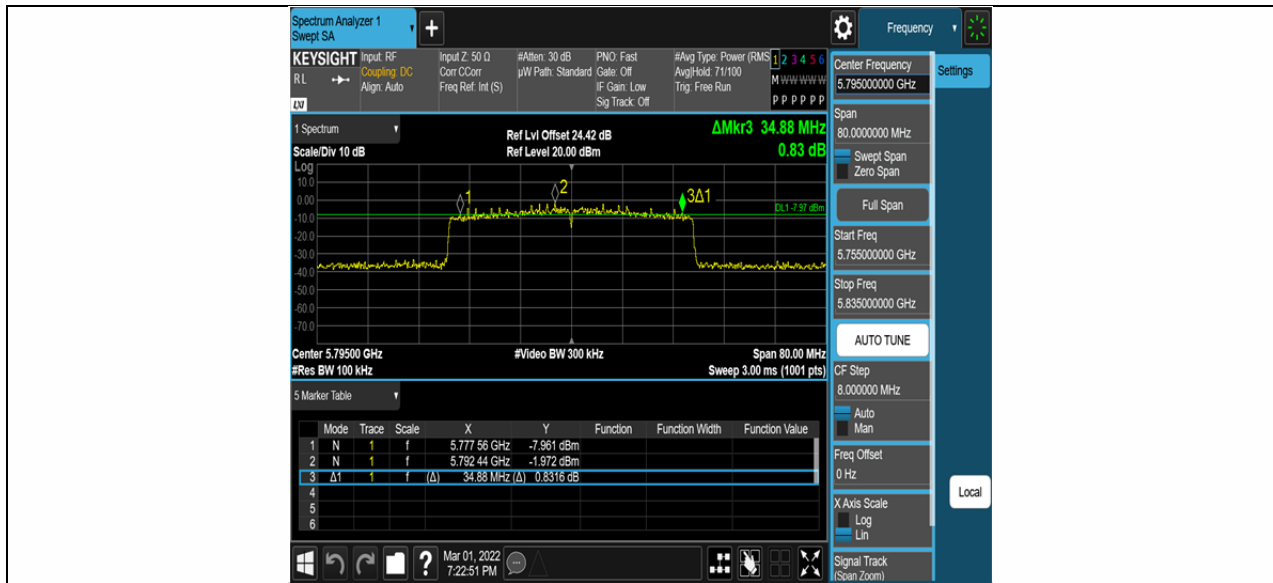


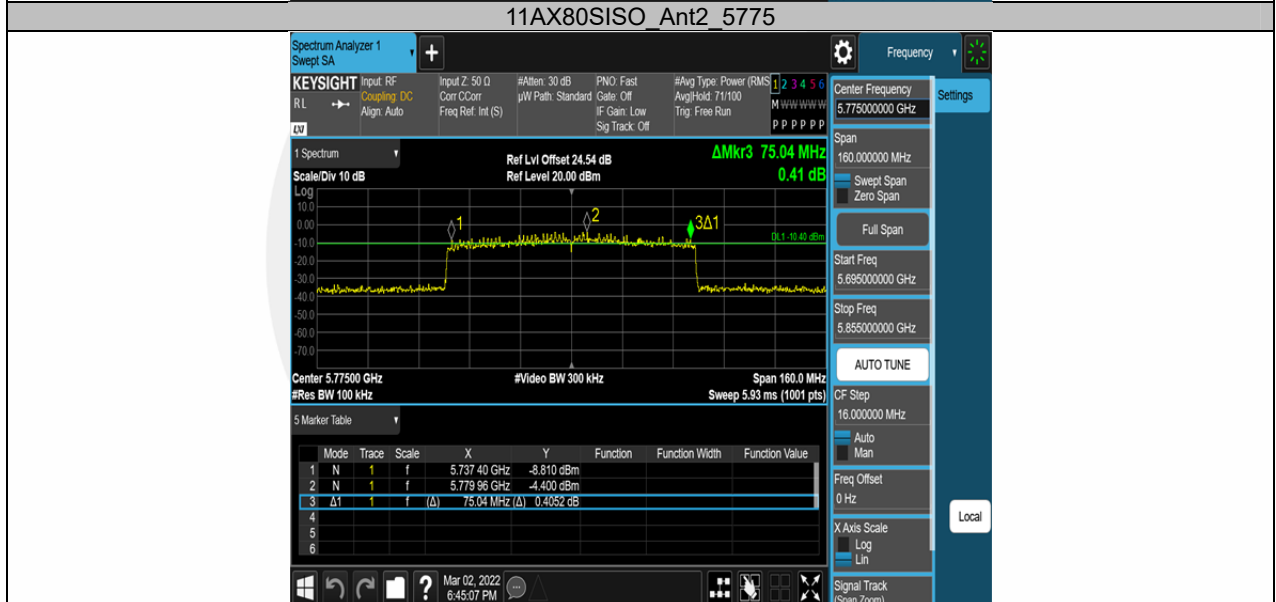
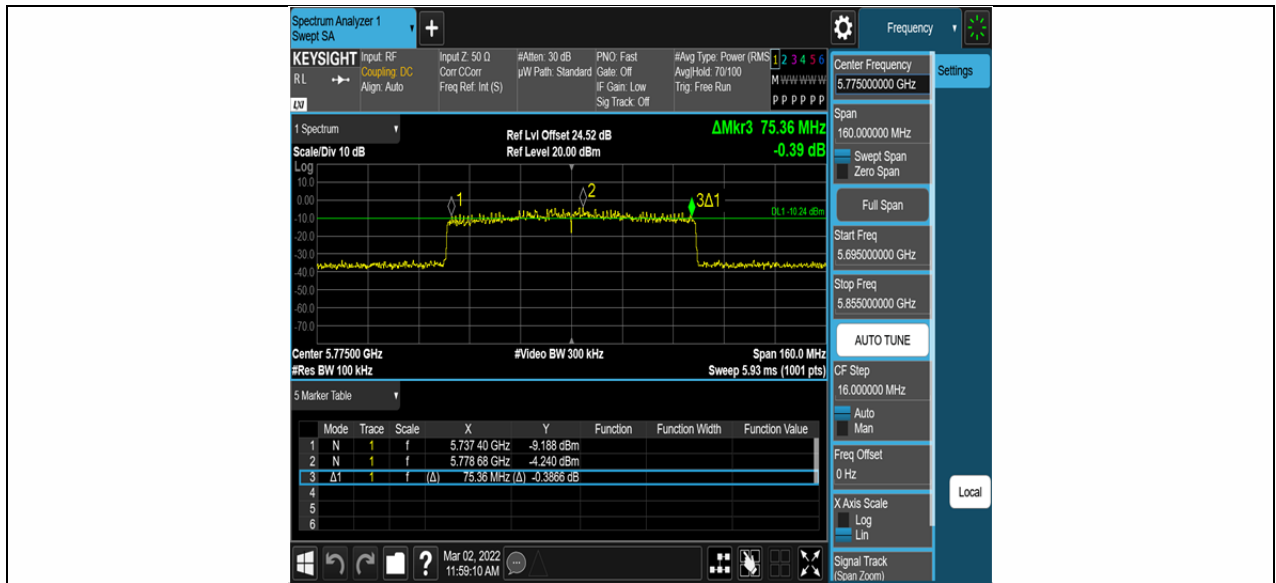












8.2 MAXIMUM CONDUCTED OUTPUT POWER

8.2.1 Applicable Standard

According to FCC Part 15.407(a)(1) for UNII Band I
According to FCC Part 15.407(a)(2) for UNII Band II-A and UNII Band II-C
According to FCC Part 15.407(a)(3) for UNII Band III
According to 789033 D02 Section II(E)
According to RSS 247 6.2

8.2.2 Conformance Limit

FCC Limit:

■ For the band 5.15-5.25 GHz

(a) (1) (i) For an outdoor access point, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

(a) (1) (ii) For an indoor access point, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(a) (1) (iii) For fixed point-to-point access points, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

(a) (1) (iv) For client devices, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

■ For the 5.25-5.35 GHz and 5.47-5.725 GHz bands

(a) (2) The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

■ For the band 5.725-5.85 GHz

(a) (3) The maximum conducted output power over the frequency band of operation shall not exceed 1 W. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations

IC Limit:

■ Frequency band 5150-5250 MHz

The maximum e.i.r.p. shall not exceed 200 mW or $10 + 10 \log_{10}B$, dBm, whichever power is less. B is the 99% emission bandwidth in megahertz.

■ Frequency band 5250-5350 MHz

The maximum conducted output power shall not exceed 250 mW or $11 + 10 \log_{10}B$, dBm, whichever is less.

The maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log_{10}B$, dBm, whichever is less. B is the 99% emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

■ Frequency bands 5470-5600 MHz and 5650-5725 MHz

The maximum conducted output power shall not exceed 250 mW or $11 + 10 \log_{10}B$, dBm, whichever is less.

The maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log_{10}B$, dBm, whichever is less. B is the 99% emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

■ Frequency band 5725-5850 MHz

The maximum conducted output power shall not exceed 1 W. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications and multiple collocated transmitters transmitting the same information.

8.2.3 Test Configuration

Test according to clause 6.1 radio frequency test setup

8.2.4 Test Procedure

The maximum average conducted output power can be measured using Method PM-G (Measurement using a gated RF average power meter):

Measurements may be performed using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

- a. The Transmitter output (antenna port) was connected to the power meter.
- b. Turn on the EUT and power meter and then record the power value.
- c. Repeat above procedures on all channels needed to be tested.

8.2.5 Test Results

Temperature:	25 °C
Relative Humidity:	45%
ATM Pressure:	1011 mbar

Note: N/A

Test Mode	Antenna	Frequency [MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11A	Ant1	5180	12.40	97.20	0.12	12.52	≤23.98	4.69	17.21	---	PASS
	Ant2	5180	10.99	97.20	0.12	11.11	≤23.98	4.82	15.93	---	PASS
	Ant1	5220	11.90	97.20	0.12	12.02	≤23.98	4.69	16.71	---	PASS
	Ant2	5220	10.48	97.20	0.12	10.60	≤23.98	4.82	15.42	---	PASS
	Ant1	5240	12.31	97.20	0.12	12.43	≤23.98	4.69	17.12	---	PASS
	Ant2	5240	10.36	97.20	0.12	10.48	≤23.98	4.82	15.30	---	PASS
	Ant1	5260	12.07	97.89	0.09	12.16	≤23.98	4.69	16.85	≤26.99	PASS
	Ant2	5260	10.97	97.89	0.09	11.06	≤23.98	4.82	15.88	≤26.99	PASS
	Ant1	5300	13.09	97.89	0.09	13.18	≤23.98	4.69	17.87	≤26.99	PASS
	Ant2	5300	12.28	97.20	0.12	12.40	≤23.98	4.82	17.22	≤26.99	PASS
	Ant1	5320	13.07	97.89	0.09	13.16	≤23.98	4.69	17.85	≤26.99	PASS
	Ant2	5320	12.45	97.20	0.12	12.57	≤23.98	4.82	17.39	≤26.99	PASS
	Ant1	5500	11.78	78.98	1.02	12.80	≤23.98	4.69	17.49	≤26.99	PASS
	Ant2	5500	12.13	97.20	0.12	12.25	≤23.98	4.82	17.07	≤26.99	PASS
	Ant1	5580	12.93	97.20	0.12	13.05	≤23.98	4.69	17.74	≤26.99	PASS
	Ant2	5580	12.31	97.89	0.09	12.40	≤23.98	4.82	17.22	≤26.99	PASS
	Ant1	5700	12.20	97.20	0.12	12.32	≤23.98	4.69	17.01	≤26.99	PASS
	Ant2	5700	11.84	97.20	0.12	11.96	≤23.98	4.82	16.78	≤26.99	PASS
	Ant1	5745	12.05	97.89	0.09	12.14	≤30.00	4.69	16.83	---	PASS
	Ant2	5745	11.47	97.89	0.09	11.56	≤30.00	4.82	16.38	---	PASS
Ant1	5785	11.86	97.89	0.09	11.95	≤30.00	4.69	16.64	---	PASS	
Ant2	5785	11.81	97.89	0.09	11.90	≤30.00	4.82	16.72	---	PASS	
Ant1	5825	12.41	97.89	0.09	12.50	≤30.00	4.69	17.19	---	PASS	
Ant2	5825	12.80	97.20	0.12	12.92	≤30.00	4.82	17.74	---	PASS	
11N20S ISO	Ant1	5180	12.13	97.74	0.10	12.23	≤23.98	4.69	16.92	---	PASS
	Ant2	5180	11.02	97.74	0.10	11.12	≤23.98	4.82	15.94	---	PASS
	Ant1	5220	11.64	97.01	0.13	11.77	≤23.98	4.69	16.46	---	PASS
	Ant2	5220	10.49	97.01	0.13	10.62	≤23.98	4.82	15.44	---	PASS
	Ant1	5240	11.98	97.74	0.10	12.08	≤23.98	4.69	16.77	---	PASS
	Ant2	5240	10.55	97.01	0.13	10.68	≤23.98	4.82	15.50	---	PASS
	Ant1	5260	11.84	97.01	0.13	11.97	≤23.98	4.69	16.66	≤26.99	PASS
	Ant2	5260	10.97	97.01	0.13	11.10	≤23.98	4.82	15.92	≤26.99	PASS
	Ant1	5300	12.89	97.74	0.10	12.99	≤23.98	4.69	17.68	≤26.99	PASS
	Ant2	5300	12.27	97.01	0.13	12.40	≤23.98	4.82	17.22	≤26.99	PASS
	Ant1	5320	12.88	97.74	0.10	12.98	≤23.98	4.69	17.67	≤26.99	PASS
	Ant2	5320	12.33	97.74	0.10	12.43	≤23.98	4.82	17.25	≤26.99	PASS
	Ant1	5500	13.51	97.74	0.10	13.61	≤23.98	4.69	18.30	≤26.99	PASS
	Ant2	5500	12.08	97.74	0.10	12.18	≤23.98	4.82	17.00	≤26.99	PASS
	Ant1	5580	13.14	97.01	0.13	13.27	≤23.98	4.69	17.96	≤26.99	PASS
	Ant2	5580	12.30	97.74	0.10	12.40	≤23.98	4.82	17.22	≤26.99	PASS
	Ant1	5700	12.20	97.74	0.10	12.30	≤23.98	4.69	16.99	≤26.99	PASS
	Ant2	5700	11.76	97.01	0.13	11.89	≤23.98	4.82	16.71	≤26.99	PASS
	Ant1	5745	12.14	97.01	0.13	12.27	≤30.00	4.69	16.96	---	PASS
	Ant2	5745	11.09	97.74	0.10	11.19	≤30.00	4.82	16.01	---	PASS
Ant1	5785	11.86	97.01	0.13	11.99	≤30.00	4.69	16.68	---	PASS	
Ant2	5785	11.70	97.01	0.13	11.83	≤30.00	4.82	16.65	---	PASS	
Ant1	5825	12.34	97.01	0.13	12.47	≤30.00	4.69	17.16	---	PASS	
Ant2	5825	12.68	97.74	0.10	12.78	≤30.00	4.82	17.60	---	PASS	
11N40S ISO	Ant1	5190	11.80	95.59	0.20	12.00	≤23.98	4.69	16.69	---	PASS
	Ant2	5190	11.35	95.59	0.20	11.55	≤23.98	4.82	16.37	---	PASS
	Ant1	5230	11.51	94.12	0.26	11.77	≤23.98	4.69	16.46	---	PASS
	Ant2	5230	10.93	95.59	0.20	11.13	≤23.98	4.82	15.95	---	PASS
	Ant1	5270	11.57	94.12	0.26	11.83	≤23.98	4.69	16.52	≤26.99	PASS
	Ant2	5270	11.23	94.20	0.26	11.49	≤23.98	4.82	16.31	≤26.99	PASS
	Ant1	5310	12.61	95.59	0.20	12.81	≤23.98	4.69	17.50	≤26.99	PASS
	Ant2	5310	12.43	94.12	0.26	12.69	≤23.98	4.82	17.51	≤26.99	PASS
Ant1	5510	13.25	95.59	0.20	13.45	≤23.98	4.69	18.14	≤26.99	PASS	

	Ant2	5510	12.31	94.12	0.26	12.57	≤23.98	4.82	17.39	≤26.99	PASS
	Ant1	5550	13.21	95.59	0.20	13.41	≤23.98	4.69	18.10	≤26.99	PASS
	Ant2	5550	11.71	94.12	0.26	11.97	≤23.98	4.82	16.79	≤26.99	PASS
	Ant1	5670	10.16	61.90	2.08	12.24	≤23.98	4.69	16.93	≤26.99	PASS
	Ant2	5670	12.32	95.59	0.20	12.52	≤23.98	4.82	17.34	≤26.99	PASS
	Ant1	5755	11.57	95.59	0.20	11.77	≤30.00	4.69	16.46	---	PASS
	Ant2	5755	11.40	95.59	0.20	11.60	≤30.00	4.82	16.42	---	PASS
	Ant1	5795	11.57	94.12	0.26	11.83	≤30.00	4.69	16.52	---	PASS
	Ant2	5795	12.46	95.59	0.20	12.66	≤30.00	4.82	17.48	---	PASS
11AC20 SISO	Ant1	5180	12.23	97.04	0.13	12.36	≤23.98	4.69	17.05	---	PASS
	Ant2	5180	11.04	97.04	0.13	11.17	≤23.98	4.82	15.99	---	PASS
	Ant1	5220	11.69	97.04	0.13	11.82	≤23.98	4.69	16.51	---	PASS
	Ant2	5220	10.53	97.04	0.13	10.66	≤23.98	4.82	15.48	---	PASS
	Ant1	5240	12.04	97.04	0.13	12.17	≤23.98	4.69	16.86	---	PASS
	Ant2	5240	10.59	97.04	0.13	10.72	≤23.98	4.82	15.54	---	PASS
	Ant1	5260	11.85	97.76	0.10	11.95	≤23.98	4.69	16.64	≤26.99	PASS
	Ant2	5260	11.25	97.76	0.10	11.35	≤23.98	4.82	16.17	≤26.99	PASS
	Ant1	5300	12.90	97.76	0.10	13.00	≤23.98	4.69	17.69	≤26.99	PASS
	Ant2	5300	12.30	97.76	0.10	12.40	≤23.98	4.82	17.22	≤26.99	PASS
	Ant1	5320	12.84	97.04	0.13	12.97	≤23.98	4.69	17.66	≤26.99	PASS
	Ant2	5320	12.36	97.04	0.13	12.49	≤23.98	4.82	17.31	≤26.99	PASS
	Ant1	5500	13.51	97.76	0.10	13.61	≤23.98	4.69	18.30	≤26.99	PASS
	Ant2	5500	12.10	97.76	0.10	12.20	≤23.98	4.82	17.02	≤26.99	PASS
	Ant1	5580	13.12	97.76	0.10	13.22	≤23.98	4.69	17.91	≤26.99	PASS
	Ant2	5580	12.27	97.04	0.13	12.40	≤23.98	4.82	17.22	≤26.99	PASS
	Ant1	5700	12.18	97.76	0.10	12.28	≤23.98	4.69	16.97	≤26.99	PASS
	Ant2	5700	11.75	97.76	0.10	11.85	≤23.98	4.82	16.67	≤26.99	PASS
	Ant1	5745	12.04	97.04	0.13	12.17	≤30.00	4.69	16.86	---	PASS
	Ant2	5745	11.44	97.76	0.10	11.54	≤30.00	4.82	16.36	---	PASS
Ant1	5785	12.08	97.76	0.10	12.18	≤30.00	4.69	16.87	---	PASS	
Ant2	5785	11.98	97.76	0.10	12.08	≤30.00	4.82	16.90	---	PASS	
Ant1	5825	12.38	97.04	0.13	12.51	≤30.00	4.69	17.20	---	PASS	
Ant2	5825	12.47	97.04	0.13	12.60	≤30.00	4.82	17.42	---	PASS	
11AC40 SISO	Ant1	5190	11.75	95.59	0.20	11.95	≤23.98	4.69	16.64	---	PASS
	Ant2	5190	11.43	94.20	0.26	11.69	≤23.98	4.82	16.51	---	PASS
	Ant1	5230	11.47	94.20	0.26	11.73	≤23.98	4.69	16.42	---	PASS
	Ant2	5230	10.95	95.59	0.20	11.15	≤23.98	4.82	15.97	---	PASS
	Ant1	5270	11.47	94.20	0.26	11.73	≤23.98	4.69	16.42	≤26.99	PASS
	Ant2	5270	11.29	95.59	0.20	11.49	≤23.98	4.82	16.31	≤26.99	PASS
	Ant1	5310	12.53	95.59	0.20	12.73	≤23.98	4.69	17.42	≤26.99	PASS
	Ant2	5310	12.49	94.20	0.26	12.75	≤23.98	4.82	17.57	≤26.99	PASS
	Ant1	5510	13.15	95.59	0.20	13.35	≤23.98	4.69	18.04	≤26.99	PASS
	Ant2	5510	12.38	94.20	0.26	12.64	≤23.98	4.82	17.46	≤26.99	PASS
	Ant1	5550	13.14	94.20	0.26	13.40	≤23.98	4.69	18.09	≤26.99	PASS
	Ant2	5550	12.01	94.20	0.26	12.27	≤23.98	4.82	17.09	≤26.99	PASS
	Ant1	5670	11.97	94.20	0.26	12.23	≤23.98	4.69	16.92	≤26.99	PASS
	Ant2	5670	12.29	94.20	0.26	12.55	≤23.98	4.82	17.37	≤26.99	PASS
	Ant1	5755	11.43	95.59	0.20	11.63	≤30.00	4.69	16.32	---	PASS
	Ant2	5755	11.72	94.20	0.26	11.98	≤30.00	4.82	16.80	---	PASS
Ant1	5795	11.48	95.59	0.20	11.68	≤30.00	4.69	16.37	---	PASS	
Ant2	5795	11.92	95.59	0.20	12.12	≤30.00	4.82	16.94	---	PASS	
11AC80 SISO	Ant1	5210	11.42	91.43	0.39	11.81	≤23.98	4.69	16.50	---	PASS
	Ant2	5210	10.85	88.89	0.51	11.36	≤23.98	4.82	16.18	---	PASS
	Ant1	5290	12.06	91.43	0.39	12.45	≤23.98	4.69	17.14	≤26.99	PASS
	Ant2	5290	11.80	88.89	0.51	12.31	≤23.98	4.82	17.13	≤26.99	PASS
	Ant1	5530	13.17	91.43	0.39	13.56	≤23.98	4.69	18.25	≤26.99	PASS
	Ant2	5530	12.18	88.89	0.51	12.69	≤23.98	4.82	17.51	≤26.99	PASS
	Ant1	5610	12.05	91.43	0.39	12.44	≤23.98	4.69	17.13	≤26.99	PASS
	Ant2	5610	12.14	91.43	0.39	12.53	≤23.98	4.82	17.35	≤26.99	PASS
Ant1	5775	11.25	91.43	0.39	11.64	≤30.00	4.69	16.33	---	PASS	
Ant2	5775	11.04	88.89	0.51	11.55	≤30.00	4.82	16.37	---	PASS	

11AX20 SISO	Ant1	5180	12.23	97.14	0.13	12.36	≤23.98	4.69	17.05	---	PASS
	Ant2	5180	11.22	96.19	0.17	11.39	≤23.98	4.82	16.21	---	PASS
	Ant1	5220	11.73	96.19	0.17	11.90	≤23.98	4.69	16.59	---	PASS
	Ant2	5220	10.70	96.19	0.17	10.87	≤23.98	4.82	15.69	---	PASS
	Ant1	5240	12.19	96.19	0.17	12.36	≤23.98	4.69	17.05	---	PASS
	Ant2	5240	10.59	96.19	0.17	10.76	≤23.98	4.82	15.58	---	PASS
	Ant1	5260	11.99	97.12	0.13	12.12	≤23.98	4.69	16.81	≤26.99	PASS
	Ant2	5260	11.17	97.12	0.13	11.30	≤23.98	4.82	16.12	≤26.99	PASS
	Ant1	5300	13.02	96.19	0.17	13.19	≤23.98	4.69	17.88	≤26.99	PASS
	Ant2	5300	12.53	97.14	0.13	12.66	≤23.98	4.82	17.48	≤26.99	PASS
	Ant1	5320	12.99	97.12	0.13	13.12	≤23.98	4.69	17.81	≤26.99	PASS
	Ant2	5320	12.58	96.19	0.17	12.75	≤23.98	4.82	17.57	≤26.99	PASS
	Ant1	5500	13.59	96.19	0.17	13.76	≤23.98	4.69	18.45	≤26.99	PASS
	Ant2	5500	12.33	96.19	0.17	12.50	≤23.98	4.82	17.32	≤26.99	PASS
	Ant1	5580	13.21	96.19	0.17	13.38	≤23.98	4.69	18.07	≤26.99	PASS
	Ant2	5580	12.46	96.19	0.17	12.63	≤23.98	4.82	17.45	≤26.99	PASS
	Ant1	5700	12.29	96.19	0.17	12.46	≤23.98	4.69	17.15	≤26.99	PASS
	Ant2	5700	11.99	96.19	0.17	12.16	≤23.98	4.82	16.98	≤26.99	PASS
	Ant1	5745	12.19	96.19	0.17	12.36	≤30.00	4.69	17.05	---	PASS
	Ant2	5745	11.06	96.19	0.17	11.23	≤30.00	4.82	16.05	---	PASS
Ant1	5785	12.15	96.19	0.17	12.32	≤30.00	4.69	17.01	---	PASS	
Ant2	5785	12.05	97.12	0.13	12.18	≤30.00	4.82	17.00	---	PASS	
Ant1	5825	12.34	97.12	0.13	12.47	≤30.00	4.69	17.16	---	PASS	
Ant2	5825	12.70	97.12	0.13	12.83	≤30.00	4.82	17.65	---	PASS	
11AX40 SISO	Ant1	5190	11.94	94.64	0.24	12.18	≤23.98	4.69	16.87	---	PASS
	Ant2	5190	11.57	94.64	0.24	11.81	≤23.98	4.82	16.63	---	PASS
	Ant1	5230	11.58	94.64	0.24	11.82	≤23.98	4.69	16.51	---	PASS
	Ant2	5230	11.18	92.98	0.32	11.50	≤23.98	4.82	16.32	---	PASS
	Ant1	5270	11.59	94.64	0.24	11.83	≤23.98	4.69	16.52	≤26.99	PASS
	Ant2	5270	11.47	92.98	0.32	11.79	≤23.98	4.82	16.61	≤26.99	PASS
	Ant1	5310	12.60	92.98	0.32	12.92	≤23.98	4.69	17.61	≤26.99	PASS
	Ant2	5310	12.68	92.98	0.32	13.00	≤23.98	4.82	17.82	≤26.99	PASS
	Ant1	5510	13.29	92.98	0.32	13.61	≤23.98	4.69	18.30	≤26.99	PASS
	Ant2	5510	12.59	92.98	0.32	12.91	≤23.98	4.82	17.73	≤26.99	PASS
	Ant1	5550	13.31	92.98	0.32	13.63	≤23.98	4.69	18.32	≤26.99	PASS
	Ant2	5550	12.20	92.98	0.32	12.52	≤23.98	4.82	17.34	≤26.99	PASS
	Ant1	5670	12.15	92.98	0.32	12.47	≤23.98	4.69	17.16	≤26.99	PASS
	Ant2	5670	12.47	92.98	0.32	12.79	≤23.98	4.82	17.61	≤26.99	PASS
	Ant1	5755	11.87	94.64	0.24	12.11	≤30.00	4.69	16.80	---	PASS
	Ant2	5755	11.58	92.98	0.32	11.90	≤30.00	4.82	16.72	---	PASS
Ant1	5795	11.67	92.98	0.32	11.99	≤30.00	4.69	16.68	---	PASS	
Ant2	5795	12.41	92.98	0.32	12.73	≤30.00	4.82	17.55	---	PASS	
11AX80 SISO	Ant1	5210	11.72	87.50	0.58	12.30	≤23.98	4.69	16.99	---	PASS
	Ant2	5210	11.14	90.63	0.43	11.57	≤23.98	4.82	16.39	---	PASS
	Ant1	5290	12.31	87.50	0.58	12.89	≤23.98	4.69	17.58	≤26.99	PASS
	Ant2	5290	12.04	90.63	0.43	12.47	≤23.98	4.82	17.29	≤26.99	PASS
	Ant1	5530	13.42	90.63	0.43	13.85	≤23.98	4.69	18.54	≤26.99	PASS
	Ant2	5530	12.45	90.63	0.43	12.88	≤23.98	4.82	17.70	≤26.99	PASS
	Ant1	5610	11.90	82.86	0.82	12.72	≤23.98	4.69	17.41	≤26.99	PASS
	Ant2	5610	12.37	87.50	0.58	12.95	≤23.98	4.82	17.77	≤26.99	PASS
Ant1	5775	11.36	87.50	0.58	11.94	≤30.00	4.69	16.63	---	PASS	
Ant2	5775	11.53	87.50	0.58	12.11	≤30.00	4.82	16.93	---	PASS	
11N20MIMO	5180					14.72	≤22.23	7.77	22.49	---	PASS
	5220					14.24	≤22.23	7.77	22.01	---	PASS
	5240					14.45	≤22.23	7.77	22.22	---	PASS
	5260					14.57	≤22.23	7.77	22.34	≤25.22	PASS
	5300		N/A			15.72	≤22.23	7.77	23.49	≤25.22	PASS
	5320					15.72	≤22.23	7.77	23.49	≤25.22	PASS
	5500					15.96	≤22.23	7.77	23.73	≤25.22	PASS
	5580					15.87	≤22.23	7.77	23.64	≤25.22	PASS
5700					15.11	≤22.23	7.77	22.88	≤25.22	PASS	

	5745		14.77	≤28.23	7.77	22.54	---	PASS
	5785		14.92	≤28.23	7.77	22.69	---	PASS
	5825		15.64	≤28.23	7.77	23.41	---	PASS
11N40MIMO	5190		14.79	≤22.23	7.77	22.56	---	PASS
	5230		14.47	≤22.23	7.77	22.24	---	PASS
	5270		14.67	≤22.23	7.77	22.44	≤25.22	PASS
	5310		15.76	≤22.23	7.77	23.53	≤25.22	PASS
	5510		16.04	≤22.23	7.77	23.81	≤25.22	PASS
	5550		15.76	≤22.23	7.77	23.53	≤25.22	PASS
	5670		15.39	≤22.23	7.77	23.16	≤25.22	PASS
	5755		14.70	≤28.23	7.77	22.47	---	PASS
	5795		15.28	≤28.23	7.77	23.05	---	PASS
	11AC20MIMO	5180		14.82	≤22.23	7.77	22.59	---
5220			14.29	≤22.23	7.77	22.06	---	PASS
5240			14.52	≤22.23	7.77	22.29	---	PASS
5260			14.67	≤22.23	7.77	22.44	≤25.22	PASS
5300			15.72	≤22.23	7.77	23.49	≤25.22	PASS
5320			15.75	≤22.23	7.77	23.52	≤25.22	PASS
5500			15.97	≤22.23	7.77	23.74	≤25.22	PASS
5580			15.84	≤22.23	7.77	23.61	≤25.22	PASS
5700			15.08	≤22.23	7.77	22.85	≤25.22	PASS
5745			14.88	≤28.23	7.77	22.65	---	PASS
5785			15.14	≤28.23	7.77	22.91	---	PASS
5825			15.57	≤28.23	7.77	23.34	---	PASS
11AC40MIMO		5190		14.83	≤22.23	7.77	22.60	---
	5230		14.46	≤22.23	7.77	22.23	---	PASS
	5270		14.62	≤22.23	7.77	22.39	≤25.22	PASS
	5310		15.75	≤22.23	7.77	23.52	≤25.22	PASS
	5510		16.02	≤22.23	7.77	23.79	≤25.22	PASS
	5550		15.88	≤22.23	7.77	23.65	≤25.22	PASS
	5670		15.40	≤22.23	7.77	23.17	≤25.22	PASS
	5755		14.82	≤28.23	7.77	22.59	---	PASS
	5795		14.92	≤28.23	7.77	22.69	---	PASS
11AC80MIMO	5210		14.60	≤22.23	7.77	22.37	---	PASS
	5290		15.39	≤22.23	7.77	23.16	≤25.22	PASS
	5530		16.16	≤22.23	7.77	23.93	≤25.22	PASS
	5610		15.50	≤22.23	7.77	23.27	≤25.22	PASS
	5775		14.61	≤28.23	7.77	22.38	---	PASS
11AX20MIMO	5180		14.91	≤22.23	7.77	22.68	---	PASS
	5220		14.43	≤22.23	7.77	22.20	---	PASS
	5240		14.64	≤22.23	7.77	22.41	---	PASS
	5260		14.74	≤22.23	7.77	22.51	≤25.22	PASS
	5300		15.94	≤22.23	7.77	23.71	≤25.22	PASS
	5320		15.95	≤22.23	7.77	23.72	≤25.22	PASS
	5500		16.19	≤22.23	7.77	23.96	≤25.22	PASS
	5580		16.03	≤22.23	7.77	23.80	≤25.22	PASS
	5700		15.32	≤22.23	7.77	23.09	≤25.22	PASS
	5745		14.84	≤28.23	7.77	22.61	---	PASS
	5785		15.26	≤28.23	7.77	23.03	---	PASS
	5825		15.66	≤28.23	7.77	23.43	---	PASS
	11AX40MIMO	5190		15.01	≤22.23	7.77	22.78	---
5230			14.67	≤22.23	7.77	22.44	---	PASS
5270			14.82	≤22.23	7.77	22.59	≤25.22	PASS
5310			15.97	≤22.23	7.77	23.74	≤25.22	PASS
5510			16.28	≤22.23	7.77	24.05	≤25.22	PASS
5550			16.12	≤22.23	7.77	23.89	≤25.22	PASS
5670			15.64	≤22.23	7.77	23.41	≤25.22	PASS
5755			15.02	≤28.23	7.77	22.79	---	PASS
5795			15.39	≤28.23	7.77	23.16	---	PASS
11AX80MIMO	5210		14.96	≤22.23	7.77	22.73	---	PASS
	5290		15.70	≤22.23	7.77	23.47	≤25.22	PASS

	5530		16.40	≤22.23	7.77	24.17	≤25.22	PASS
	5610		15.85	≤22.23	7.77	23.62	≤25.22	PASS
	5775		15.04	≤28.23	7.77	22.81	---	PASS



