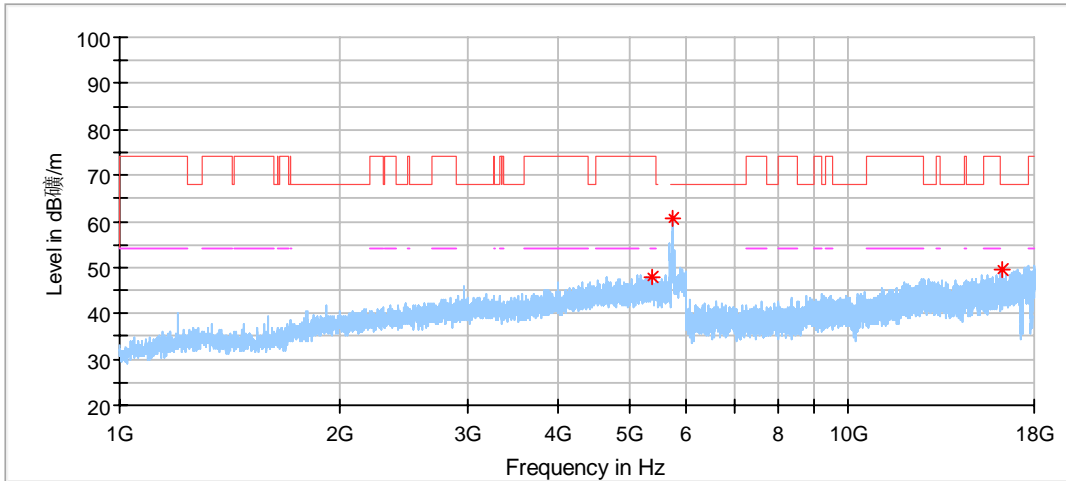
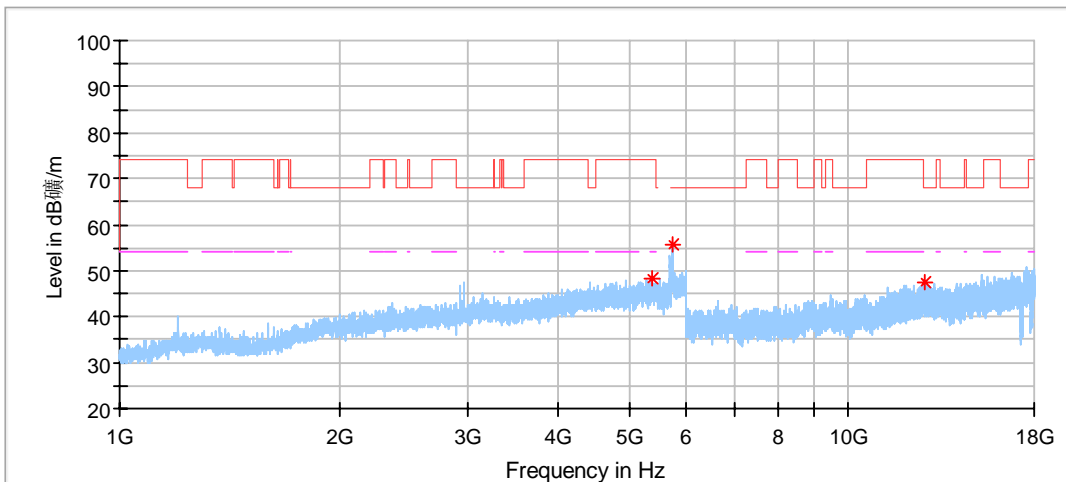


802.11N20 Modulation 5700MHz Test Result



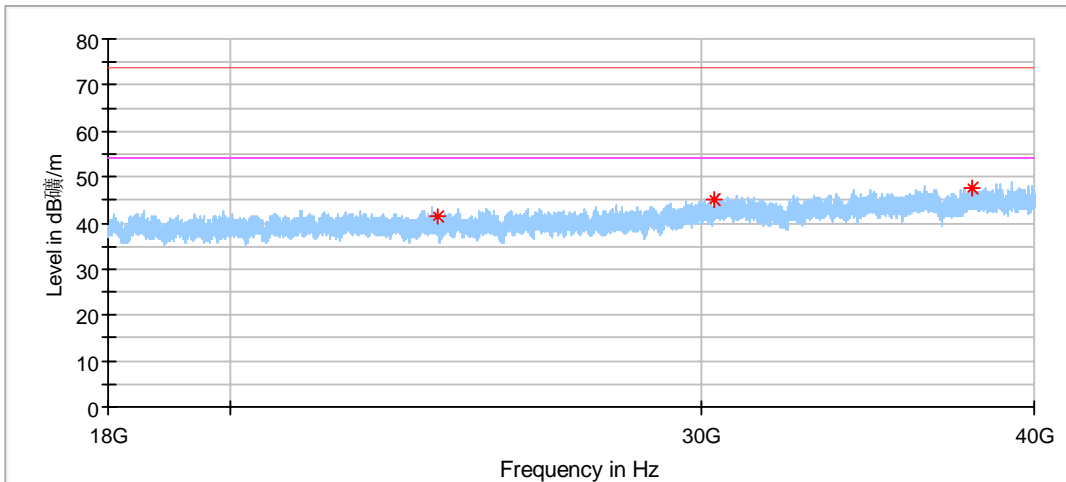
**Critical Freqs**

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5374.500000	47.96	74.00	26.04	150.0	H	270.0	5.16
5745.500000	60.44	68.20	7.76	150.0	H	183.0	5.92
16271.000000	49.51	68.20	18.69	150.0	H	134.0	20.10



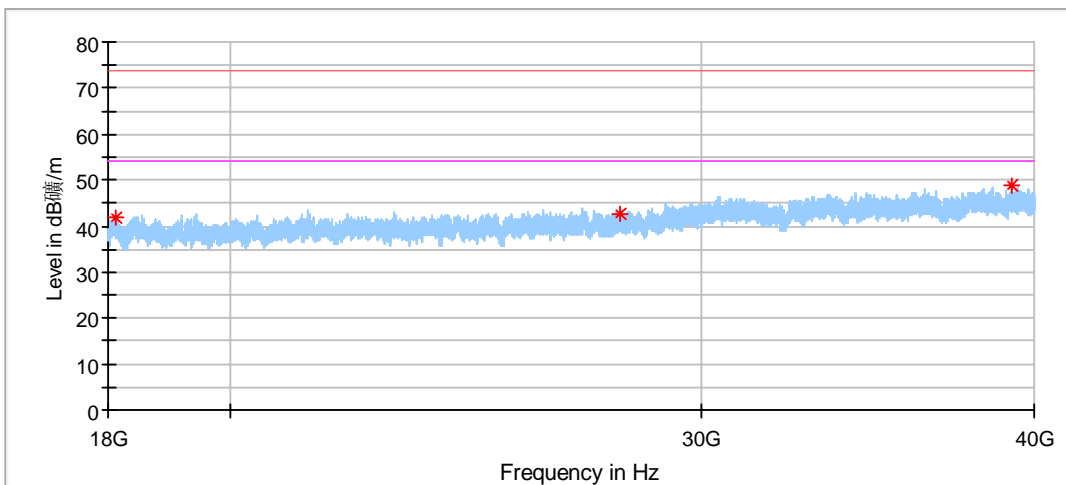
**Critical Freqs**

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5369.000000	48.29	74.00	25.71	150.0	V	335.0	5.14
5735.500000	55.84	68.20	12.36	150.0	V	264.0	5.88
12767.000000	47.58	68.20	20.62	150.0	V	297.0	15.21



**Critical Freqs**

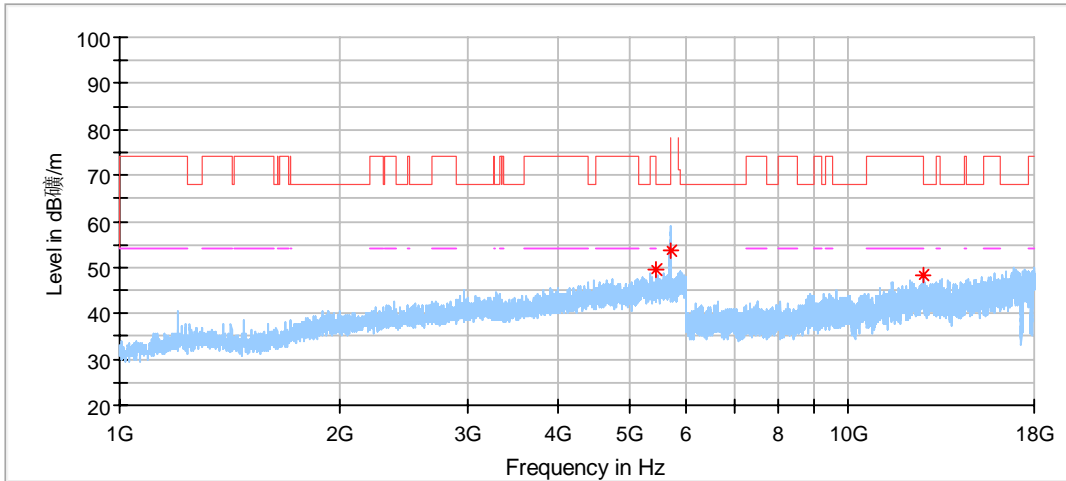
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
23894.625000	41.45	74.00	32.55	150.0	H	315.0	1.04
30333.750000	45.00	74.00	29.00	150.0	H	356.0	2.97
37894.187500	47.55	74.00	26.45	150.0	H	127.0	6.82



**Critical Freqs**

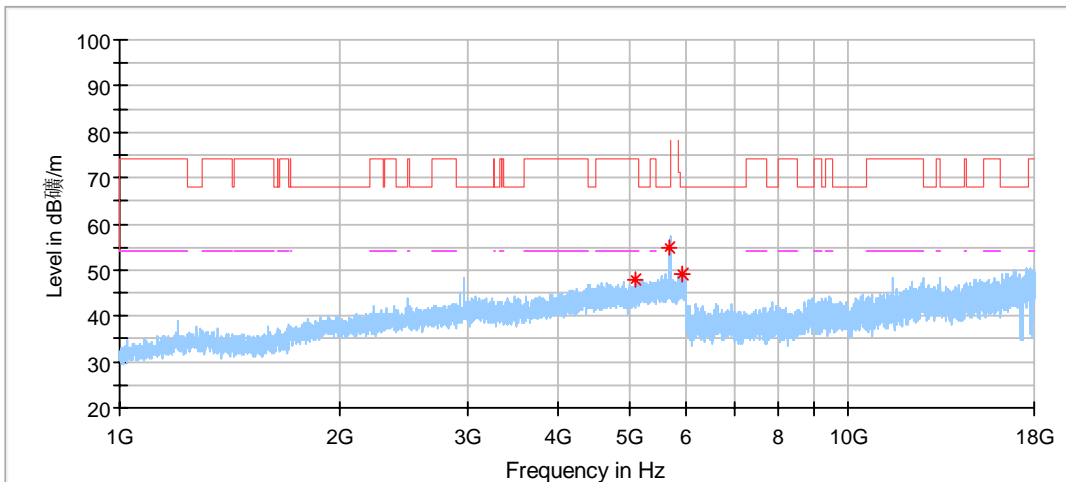
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
18125.812500	41.81	74.00	32.19	150.0	V	260.0	-1.94
27966.687500	42.58	74.00	31.42	150.0	V	100.0	1.84
39255.437500	48.74	74.00	25.26	150.0	V	30.0	7.92

802.11N20 Modulation 5745MHz Test Result



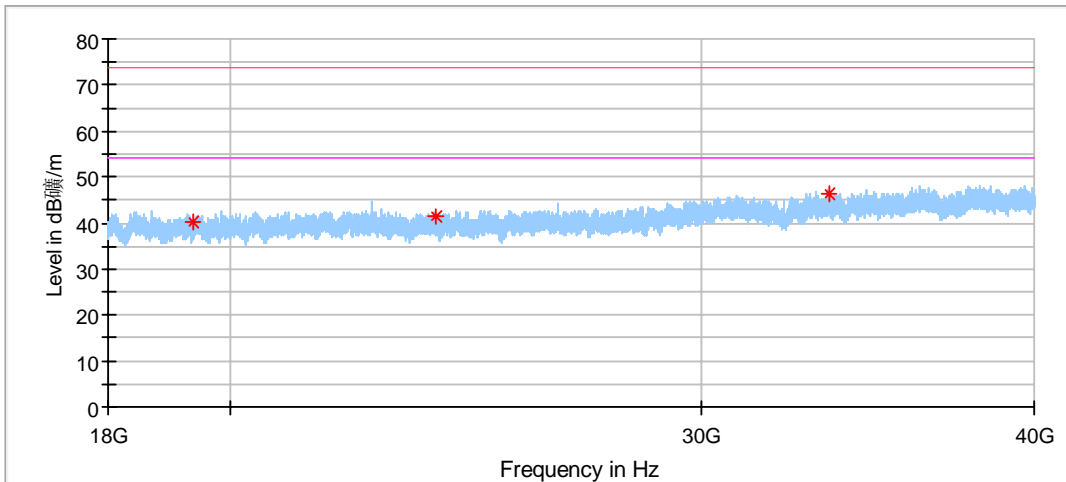
**Critical Freqs**

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5461.500000	49.70	68.20	18.50	150.0	H	166.0	5.32
5703.000000	53.61	68.20	14.59	150.0	H	4.0	5.75
12681.500000	48.23	74.00	25.77	150.0	H	272.0	16.30



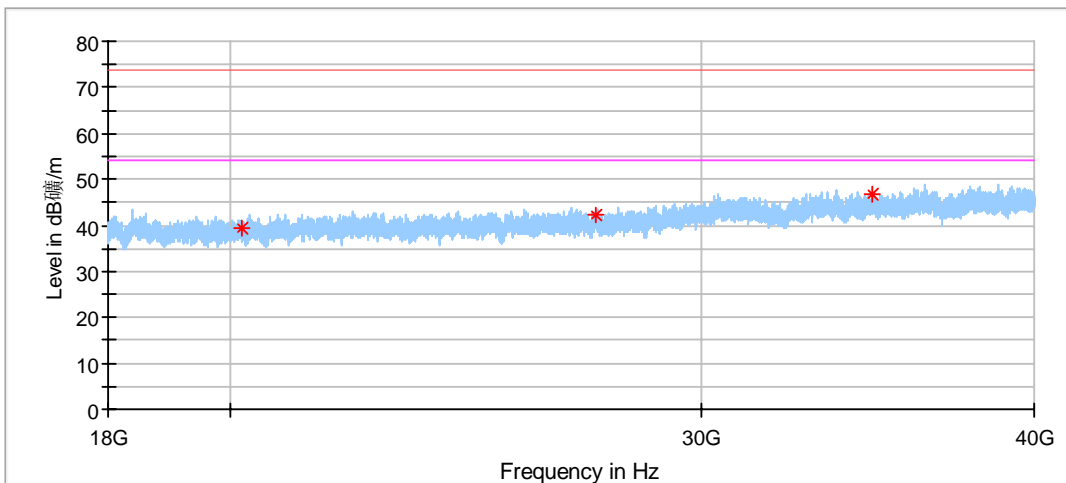
**Critical Freqs**

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5100.000000	47.89	74.00	26.11	150.0	V	67.0	4.52
5689.500000	54.95	68.20	13.25	150.0	V	282.0	5.66
5927.000000	48.99	68.20	19.21	150.0	V	228.0	6.49



### Critical Freqs

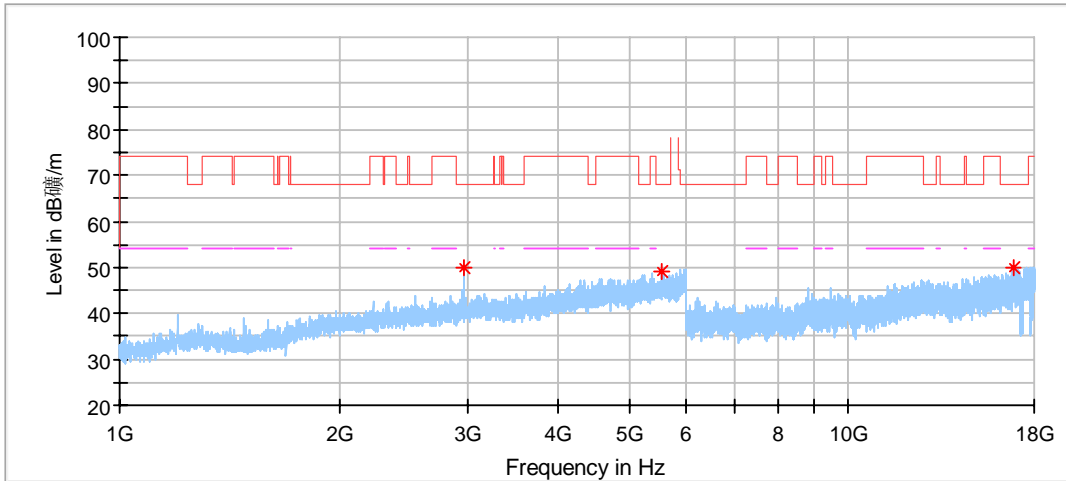
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
19363.312500	40.38	74.00	33.62	150.0	H	260.0	-1.75
23858.875000	41.35	74.00	32.65	150.0	H	247.0	1.01
33538.875000	46.19	74.00	27.81	150.0	H	57.0	4.54



### Critical Freqs

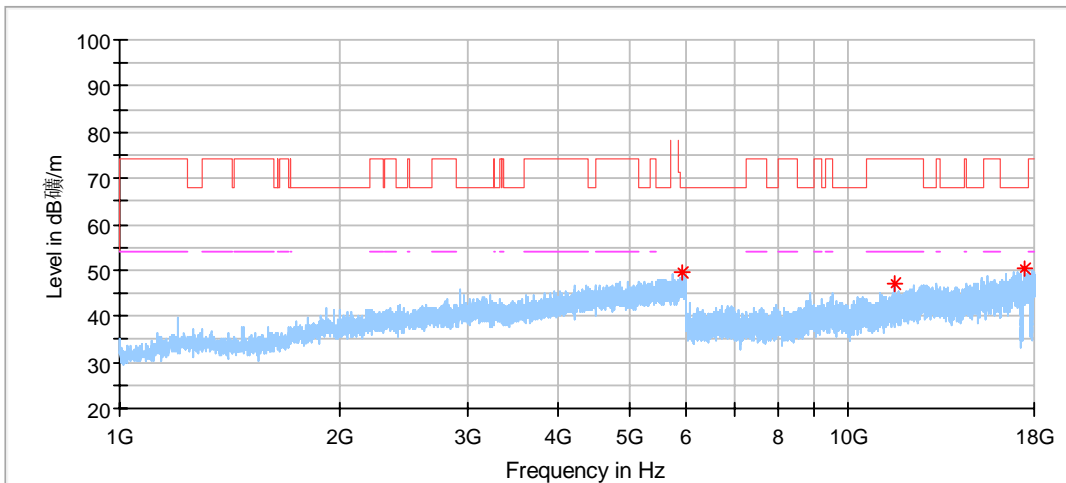
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
20188.312500	39.58	74.00	34.42	150.0	V	327.0	-1.13
27415.312500	42.11	74.00	31.89	150.0	V	73.0	2.23
34787.375000	46.78	74.00	27.22	150.0	V	0.0	5.15

802.11N20 Modulation 5785MHz Test Result



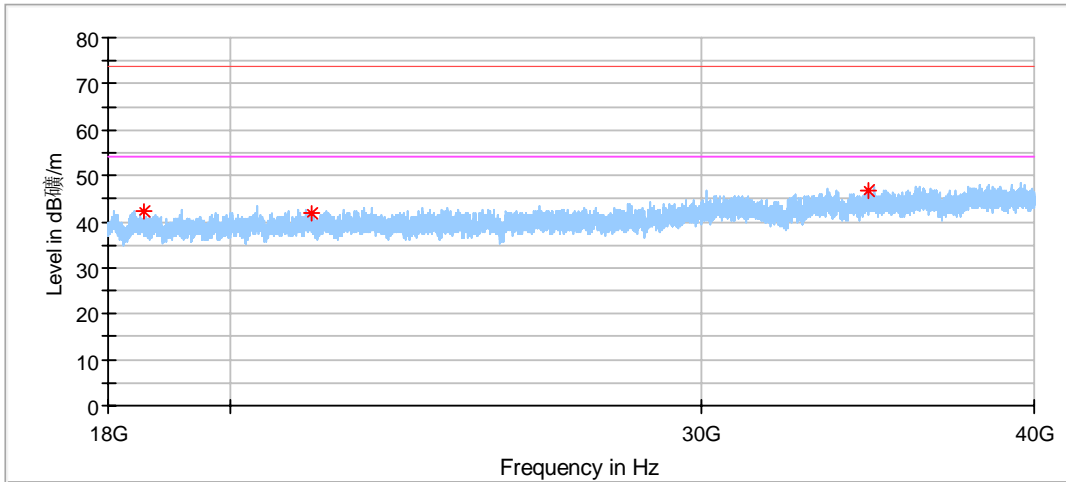
**Critical Freqs**

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2967.500000	49.85	68.20	18.35	150.0	H	85.0	-0.99
5546.000000	49.24	68.20	18.96	150.0	H	192.0	5.35
16840.500000	50.01	68.20	18.19	150.0	H	105.0	21.79



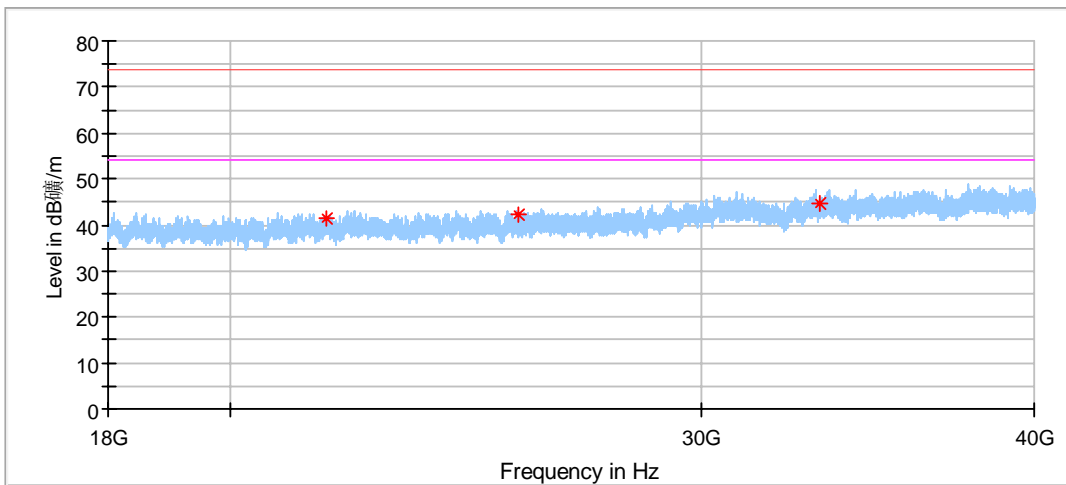
**Critical Freqs**

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5926.500000	49.73	68.20	18.47	150.0	V	76.0	6.49
11566.500000	47.21	74.00	26.79	150.0	V	82.0	13.03
17490.500000	50.24	68.20	17.96	150.0	V	29.0	21.91



### Critical Freqs

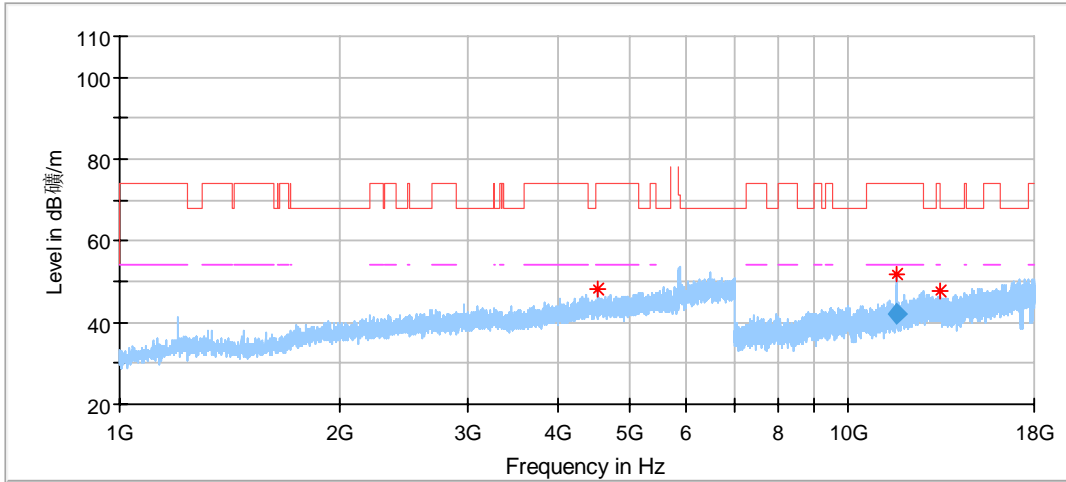
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
18552.062500	42.12	74.00	31.88	150.0	H	315.0	-1.68
21459.500000	41.84	74.00	32.16	150.0	H	100.0	0.30
34662.250000	46.63	74.00	27.37	150.0	H	330.0	5.02



### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
21743.437500	41.52	74.00	32.48	150.0	V	236.0	0.48
25631.937500	42.19	74.00	31.81	150.0	V	343.0	1.97
33218.500000	44.79	74.00	29.21	150.0	V	166.0	4.42

802.11N20 Modulation 5825MHz Test Result

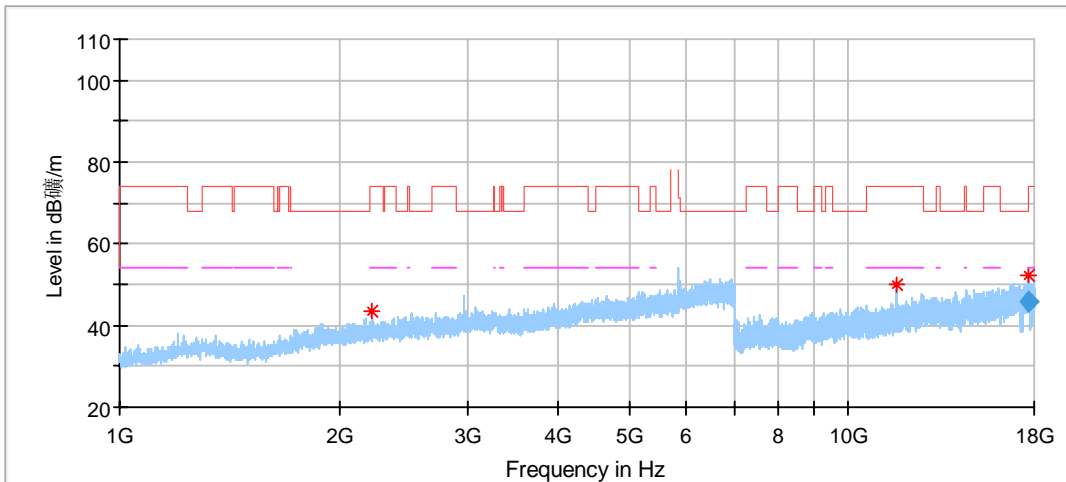


**Critical Freqs**

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4522.000000	47.95	74.00	26.05	150.0	H	299.0	3.11
11647.500000	51.85	74.00	22.15	150.0	H	303.0	13.85
13406.000000	47.83	68.20	20.37	150.0	H	275.0	15.57

**Final Result**

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11647.500000	42.38	54.00	11.62	150.0	H	303.0	13.85

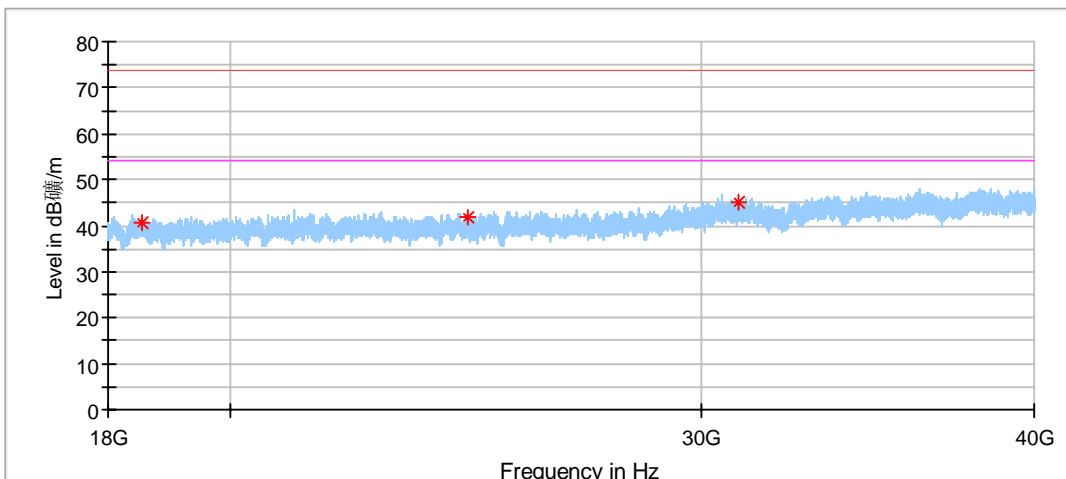


**Critical Freqs**

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2224.500000	43.43	74.00	30.57	150.0	V	204.0	-3.32
11654.500000	50.19	74.00	23.81	150.0	V	303.0	13.92
17679.500000	52.27	68.20	15.93	150.0	V	142.0	22.10

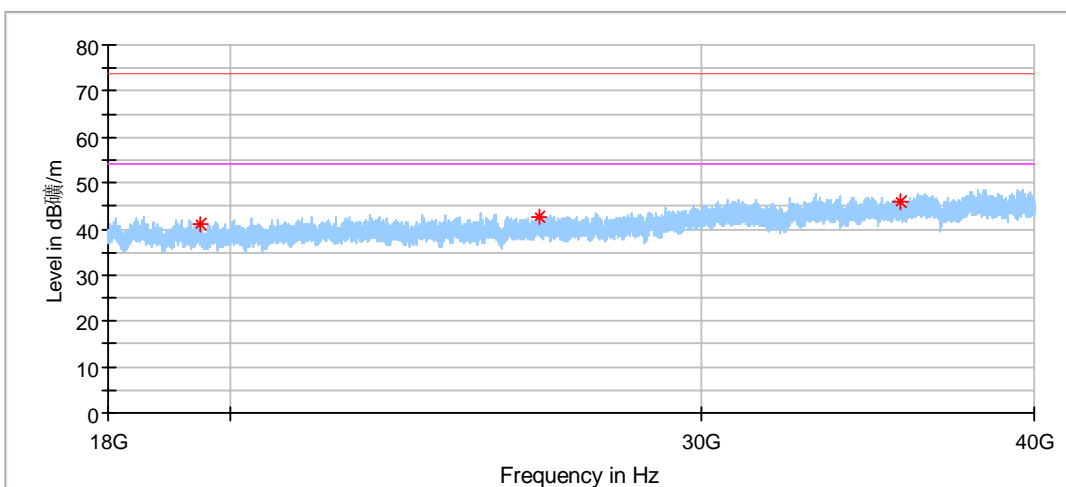
**Final Result**

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
17679.500000	45.78	54.00	8.22	150.0	V	142.0	22.10



### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
18524.562500	40.59	74.00	33.41	150.0	H	164.0	-1.70
24549.812500	41.66	74.00	32.34	150.0	H	356.0	1.33
31000.625000	45.07	74.00	28.93	150.0	H	111.0	2.71



### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
19495.312500	41.14	74.00	32.86	150.0	V	0.0	-1.34
26089.125000	42.70	74.00	31.30	150.0	V	18.0	2.00
35625.437500	45.96	74.00	28.04	150.0	V	0.0	5.48

Remark:

- (1) (1) Corrected Amplitude = Read level + Corrector factor  
 Above 1GHz: Corrector factor = Antenna Factor + Cable Loss- Amplifier Gain.  
 Below 1GHz: Corrector factor = Antenna Factor + Cable Loss.  
 (The Reading Level is recorded by software which is not shown in the sheet)
- (2) Data of measurement within frequency range 9kHz-30MHz are the noise floor or attenuated more than 20dB below the permissible limits or the field strength is too small to be measured, so test data does not present in this report.
- (3) All test modes were tested, and the report only show the worse test case date.



**Conducted Unwanted Emissions Test Method:**

1. The EUT was placed on 0.8m height table, the RF output of EUT was connected to the test receiver by RF cable. The path loss was compensated to the results for each measurement.

2. For transmitters with operating frequencies in the band 5150-5250 MHz, all emissions outside the band 5150-5350 MHz shall not exceed -27 dBm/MHz e.i.r.p. Any unwanted emissions that fall into the band 5250-5350 MHz shall be attenuated below the channel power by at least 26 dB, when measured using a resolution bandwidth between 1 and 5% of the occupied bandwidth (i.e. 99% bandwidth), above 5250 MHz. The 26 dB bandwidth may fall into the 5250-5350 MHz band; however, if the occupied bandwidth also falls within the 5250-5350 MHz band, the transmission is considered as intentional and the devices shall comply with all requirements in the band 5250-5350 MHz including implementing dynamic frequency selection (DFS) and TPC, on the portion of the emission that resides in the 5250-5350 MHz band.

- a) Set RBW  $\geq$  between 1 and 5% of the occupied bandwidth (i.e. 99% bandwidth)
- b) Set VBW  $\geq$  3 RBW.

**Limits:**

For transmitters with operating frequencies in the band 5150-5250 MHz, all emissions outside the band 5150-5350 MHz shall not exceed -27 dBm/MHz e.i.r.p. Any unwanted emissions that fall into the band 5250-5350 MHz shall be attenuated below the channel power by at least 26 dB, when measured using a resolution bandwidth between 1 and 5% of the occupied bandwidth (i.e. 99% bandwidth), above 5250 MHz. The 26 dB bandwidth may fall into the 5250-5350 MHz band; however, if the occupied bandwidth also falls within the 5250-5350 MHz band, the transmission is considered as intentional and the devices shall comply with all requirements in the band 5250-5350 MHz including implementing dynamic frequency selection (DFS) and TPC, on the portion of the emission that resides in the 5250-5350 MHz band.

For transmitters operating in the 5.25-5.35 GHz band: All emissions outside the band 5250-5350 MHz shall not exceed -27 dBm/MHz e.i.r.p.

For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed -27 dBm/MHz e.i.r.p.

For transmitters operating in the 5.725-5.85 GHz band: shall have e.i.r.p. of unwanted emissions comply with the following:

- a) 27 dBm/MHz at frequencies from the band edges decreasing linearly to 15.6 dBm/MHz at 5 MHz above or below the band edges;
- b) 15.6 dBm/MHz at 5 MHz above or below the band edges decreasing linearly to 10 dBm/MHz at 25 MHz above or below the band edges;
- c) 10 dBm/MHz at 25 MHz above or below the band edges decreasing linearly to -27 dBm/MHz at 75 MHz above or below the band edges; and
- d) -27 dBm/MHz at frequencies more than 75 MHz above or below the band edges.



**Test Result:**

Test Mode	Antenna	Channel(MHz)	Freq Range(MHz)	Max. Fre(MHz)	Max. Level(dBm/MHz)	Limit(dBm/MHz)	Verdict
11A	Ant1	5180	30~5140	30~5140	-29.84	<=-27	PASS
			5360~40000	5360~40000	-47.19	<=-27	PASS
		5200	30~5140	30~5140	-38.48	<=-27	PASS
			5360~40000	5360~40000	-45.97	<=-27	PASS
		5240	30~5140	30~5140	-39.68	<=-27	PASS
			5360~40000	5360~40000	-47.36	<=-27	PASS
		5260	30~5140	30~5140	-47.94	<=-27	PASS
			5360~40000	5360~40000	-47.37	<=-27	PASS
		5280	30~5140	30~5140	-48.09	<=-27	PASS
			5360~40000	5360~40000	-47.78	<=-27	PASS
		5320	30~5140	30~5140	-49.16	<=-27	PASS
			5360~40000	5360~40000	-40.07	<=-27	PASS
		5500	30~5460	30~5460	-29.15	<=-27	PASS
			5735~40000	5735~40000	-47.53	<=-27	PASS
		5580	30~5460	30~5460	-51.47	<=-27	PASS
			5735~40000	5735~40000	-48.14	<=-27	PASS
		5700	30~5460	30~5460	-51.97	<=-27	PASS
			5735~40000	5735~40000	-41.57	<=-27	PASS
		5720	30~5460	30~5460	-52.46	<=-27	PASS
			5925~40000	5925~40000	-47.7	<=-27	PASS
5745	30~5650	30~5650	-51.12	<=-27	PASS		
	5925~40000	5925~40000	-47.55	<=-27	PASS		
5785	30~5650	30~5650	-52.43	<=-27	PASS		
	5925~40000	5925~40000	-46.85	<=-27	PASS		
5825	30~5650	30~5650	-51.18	<=-27	PASS		
	5925~40000	5925~40000	-48.31	<=-27	PASS		
11N20SISO	Ant1	5180	30~5140	30~5140	-36.13	<=-27	PASS
			5360~40000	5360~40000	-46.74	<=-27	PASS
		5200	30~5140	30~5140	-42.52	<=-27	PASS
			5360~40000	5360~40000	-47.77	<=-27	PASS
		5240	30~5140	30~5140	-45.39	<=-27	PASS
			5360~40000	5360~40000	-47.19	<=-27	PASS
		5260	30~5140	30~5140	-47.96	<=-27	PASS
			5360~40000	5360~40000	-47.34	<=-27	PASS
		5280	30~5140	30~5140	-48.08	<=-27	PASS
			5360~40000	5360~40000	-47.86	<=-27	PASS
		5320	30~5140	30~5140	-47.3	<=-27	PASS
			5360~40000	5360~40000	-34	<=-27	PASS
		5500	30~5460	30~5460	-33.51	<=-27	PASS
			5735~40000	5735~40000	-48.01	<=-27	PASS
		5580	30~5460	30~5460	-52.66	<=-27	PASS
			5735~40000	5735~40000	-48.46	<=-27	PASS
		5700	30~5460	30~5460	-51.05	<=-27	PASS
			5735~40000	5735~40000	-37.18	<=-27	PASS
		5720	30~5460	30~5460	-52.17	<=-27	PASS
			5925~40000	5925~40000	-47.65	<=-27	PASS
5745	30~5650	30~5650	-52.17	<=-27	PASS		
	5925~40000	5925~40000	-48.16	<=-27	PASS		
5785	30~5650	30~5650	-51.31	<=-27	PASS		
	5925~40000	5925~40000	-47.52	<=-27	PASS		
5825	30~5650	30~5650	-52.78	<=-27	PASS		
	5925~40000	5925~40000	-47.99	<=-27	PASS		
11N40SISO	Ant1	5190	30~5140	30~5140	-34.6	<=-27	PASS
			5360~40000	5360~40000	-48.32	<=-27	PASS
		5230	30~5140	30~5140	-40.17	<=-27	PASS
			5360~40000	5360~40000	-44.62	<=-27	PASS
		5270	30~5140	30~5140	-50.11	<=-27	PASS
			5360~40000	5360~40000	-43.58	<=-27	PASS
		5310	30~5140	30~5140	-50.55	<=-27	PASS
			5360~40000	5360~40000	-33.08	<=-27	PASS



		5510	30~5460	30~5460	-32.34	<=-27	PASS		
			5735~40000	5735~40000	-48.53	<=-27	PASS		
		5550	30~5460	30~5460	-41.17	<=-27	PASS		
			5735~40000	5735~40000	-47.69	<=-27	PASS		
		5670	30~5460	30~5460	-53.72	<=-27	PASS		
			5735~40000	5735~40000	-35.56	<=-27	PASS		
		5710	30~5460	30~5460	-54.84	<=-27	PASS		
			5925~40000	5925~40000	-47.11	<=-27	PASS		
		5755	30~5650	30~5650	-48.77	<=-27	PASS		
			5925~40000	5925~40000	-47.07	<=-27	PASS		
		5795	30~5650	30~5650	-53.99	<=-27	PASS		
			5925~40000	5925~40000	-47.31	<=-27	PASS		
		11AC20SISO	Ant1	5180	30~5140	30~5140	-36.49	<=-27	PASS
					5360~40000	5360~40000	-46.84	<=-27	PASS
5200	30~5140			30~5140	-43.2	<=-27	PASS		
	5360~40000			5360~40000	-47.56	<=-27	PASS		
5240	30~5140			30~5140	-44.66	<=-27	PASS		
	5360~40000			5360~40000	-47.86	<=-27	PASS		
5260	30~5140			30~5140	-44.32	<=-27	PASS		
	5360~40000			5360~40000	-46.35	<=-27	PASS		
5280	30~5140			30~5140	-46.53	<=-27	PASS		
	5360~40000			5360~40000	-46.81	<=-27	PASS		
5320	30~5140			30~5140	-50.3	<=-27	PASS		
	5360~40000			5360~40000	-42.61	<=-27	PASS		
5500	30~5460			30~5460	-32.52	<=-27	PASS		
	5735~40000			5735~40000	-46.44	<=-27	PASS		
5580	30~5460			30~5460	-50.75	<=-27	PASS		
	5735~40000			5735~40000	-48.15	<=-27	PASS		
5700	30~5460			30~5460	-53.51	<=-27	PASS		
	5735~40000			5735~40000	-31.66	<=-27	PASS		
5720	30~5460			30~5460	-53.31	<=-27	PASS		
	5925~40000			5925~40000	-47.24	<=-27	PASS		
5745	30~5650	30~5650	-51.92	<=-27	PASS				
	5925~40000	5925~40000	-48	<=-27	PASS				
5785	30~5650	30~5650	-52.07	<=-27	PASS				
	5925~40000	5925~40000	-47.75	<=-27	PASS				
5825	30~5650	30~5650	-50.89	<=-27	PASS				
	5925~40000	5925~40000	-48.1	<=-27	PASS				
11AC40SISO	Ant1	5190	30~5140	30~5140	-34.16	<=-27	PASS		
			5360~40000	5360~40000	-47.85	<=-27	PASS		
		5230	30~5140	30~5140	-40.25	<=-27	PASS		
			5360~40000	5360~40000	-45.34	<=-27	PASS		
		5270	30~5140	30~5140	-48.52	<=-27	PASS		
			5360~40000	5360~40000	-40.31	<=-27	PASS		
		5310	30~5140	30~5140	-50.35	<=-27	PASS		
			5360~40000	5360~40000	-34.57	<=-27	PASS		
		5510	30~5460	30~5460	-30.2	<=-27	PASS		
			5735~40000	5735~40000	-47.73	<=-27	PASS		
		5550	30~5460	30~5460	-40.64	<=-27	PASS		
			5735~40000	5735~40000	-48.16	<=-27	PASS		
		5670	30~5460	30~5460	-54.52	<=-27	PASS		
			5735~40000	5735~40000	-34.74	<=-27	PASS		
		5710	30~5460	30~5460	-54.82	<=-27	PASS		
			5925~40000	5925~40000	-47.08	<=-27	PASS		
		5755	30~5650	30~5650	-45.21	<=-27	PASS		
			5925~40000	5925~40000	-47.93	<=-27	PASS		
5795	30~5650	30~5650	-54.81	<=-27	PASS				
	5925~40000	5925~40000	-47.52	<=-27	PASS				
11AC80SISO	Ant1	5210	30~5140	30~5140	-37.33	<=-27	PASS		
			5360~40000	5360~40000	-42.83	<=-27	PASS		
		5290	30~5140	30~5140	-41.48	<=-27	PASS		
			5360~40000	5360~40000	-34.94	<=-27	PASS		
		5530	30~5460	30~5460	-33.9	<=-27	PASS		
			5735~40000	5735~40000	-42.63	<=-27	PASS		



		5690	30~5460	30~5460	-49.43	<=-27	PASS
			5925~40000	5925~40000	-47.15	<=-27	PASS
		5775	30~5650	30~5650	-45.48	<=-27	PASS
			5925~40000	5925~40000	-46.76	<=-27	PASS
11AX20SISO	Ant1	5180	30~5140	30~5140	-35.84	<=-27	PASS
			5360~40000	5360~40000	-47.48	<=-27	PASS
		5200	30~5140	30~5140	-43.44	<=-27	PASS
			5360~40000	5360~40000	-47.42	<=-27	PASS
		5240	30~5140	30~5140	-46.06	<=-27	PASS
			5360~40000	5360~40000	-47.49	<=-27	PASS
		5260	30~5140	30~5140	-46.15	<=-27	PASS
			5360~40000	5360~40000	-47.61	<=-27	PASS
		5280	30~5140	30~5140	-47.37	<=-27	PASS
			5360~40000	5360~40000	-42.4	<=-27	PASS
		5320	30~5140	30~5140	-49.48	<=-27	PASS
			5360~40000	5360~40000	-35.99	<=-27	PASS
		5500	30~5460	30~5460	-32.61	<=-27	PASS
			5735~40000	5735~40000	-47.71	<=-27	PASS
		5580	30~5460	30~5460	-48.23	<=-27	PASS
			5735~40000	5735~40000	-47.91	<=-27	PASS
		5700	30~5460	30~5460	-56	<=-27	PASS
			5735~40000	5735~40000	-48.1	<=-27	PASS
		5720	30~5460	30~5460	-50.48	<=-27	PASS
			5925~40000	5925~40000	-48.12	<=-27	PASS
5745	30~5650	30~5650	-49.25	<=-27	PASS		
	5925~40000	5925~40000	-46.96	<=-27	PASS		
5785	30~5650	30~5650	-52.46	<=-27	PASS		
	5925~40000	5925~40000	-48.31	<=-27	PASS		
5825	30~5650	30~5650	-51.24	<=-27	PASS		
	5925~40000	5925~40000	-48.36	<=-27	PASS		
11AX40SISO	Ant1	5190	30~5140	30~5140	-32.68	<=-27	PASS
			5360~40000	5360~40000	-47.71	<=-27	PASS
		5230	30~5140	30~5140	-37.89	<=-27	PASS
			5360~40000	5360~40000	-38.66	<=-27	PASS
		5270	30~5140	30~5140	-47.32	<=-27	PASS
			5360~40000	5360~40000	-42.79	<=-27	PASS
		5310	30~5140	30~5140	-48.87	<=-27	PASS
			5360~40000	5360~40000	-32.25	<=-27	PASS
		5510	30~5460	30~5460	-27.93	<=-27	PASS
			5735~40000	5735~40000	-48.07	<=-27	PASS
		5550	30~5460	30~5460	-39.46	<=-27	PASS
			5735~40000	5735~40000	-47.78	<=-27	PASS
		5670	30~5460	30~5460	-47.63	<=-27	PASS
			5735~40000	5735~40000	-36.04	<=-27	PASS
		5710	30~5460	30~5460	-54.94	<=-27	PASS
			5925~40000	5925~40000	-47.83	<=-27	PASS
		5755	30~5650	30~5650	-44.76	<=-27	PASS
			5925~40000	5925~40000	-47.62	<=-27	PASS
		5795	30~5650	30~5650	-52.85	<=-27	PASS
			5925~40000	5925~40000	-47.4	<=-27	PASS
11AX80SISO	Ant1	5210	30~5140	30~5140	-34.3	<=-27	PASS
			5360~40000	5360~40000	-39.47	<=-27	PASS
		5290	30~5140	30~5140	-39.13	<=-27	PASS
			5360~40000	5360~40000	-34.27	<=-27	PASS
		5530	30~5460	30~5460	-31.79	<=-27	PASS
			5735~40000	5735~40000	-41.58	<=-27	PASS
		5690	30~5460	30~5460	-45.96	<=-27	PASS
			5925~40000	5925~40000	-47.48	<=-27	PASS
		5775	30~5650	30~5650	-43.76	<=-27	PASS
			5925~40000	5925~40000	-46.22	<=-27	PASS

### Test Graphs

