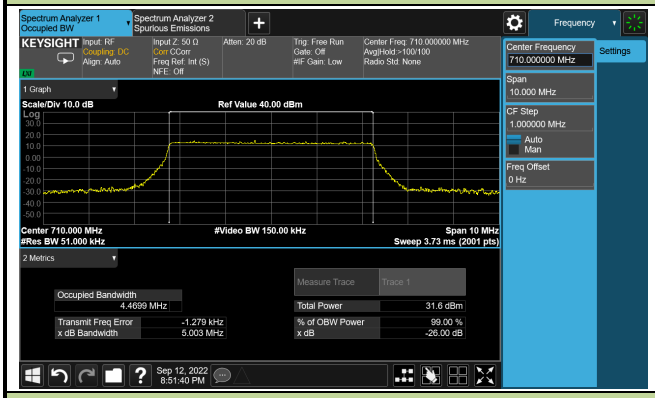
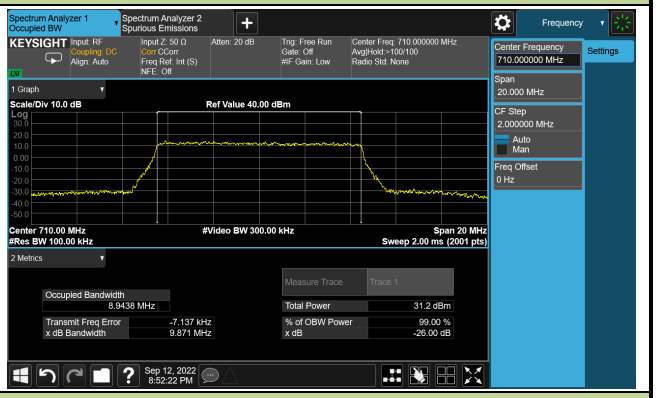
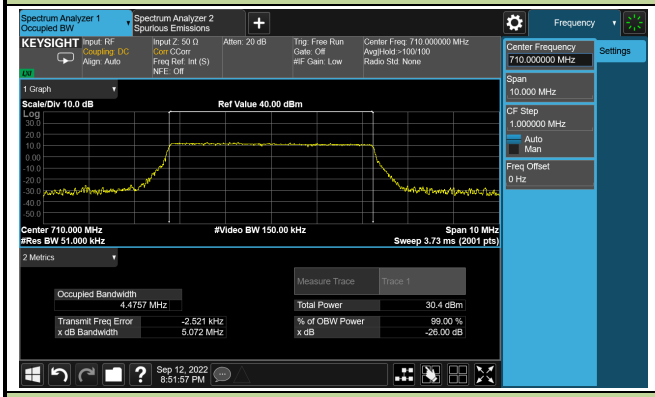
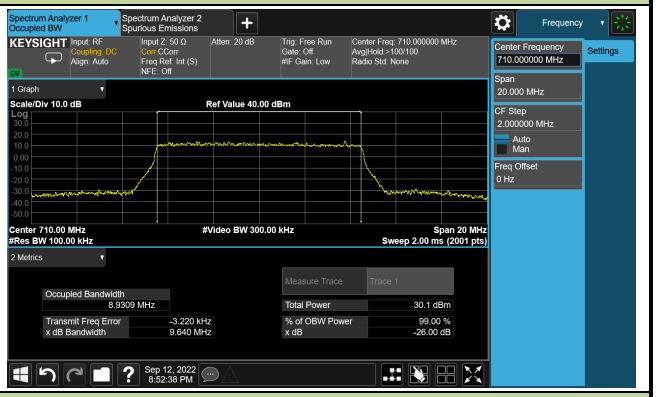
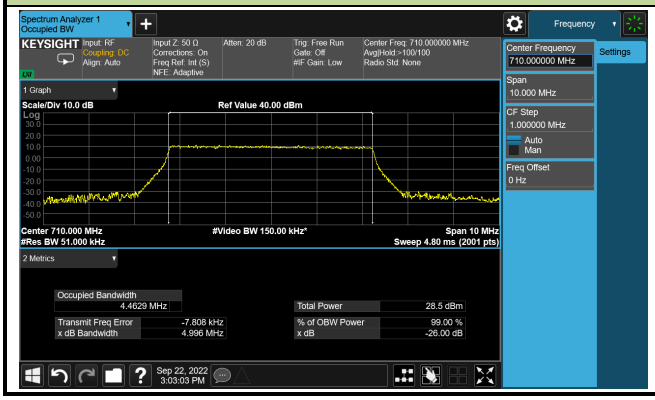
99% Bandwidth - QPSK	
5MHz Channel Bandwidth	10MHz Channel Bandwidth
	
99% Bandwidth - 16QAM	
5MHz Channel Bandwidth	10MHz Channel Bandwidth
	
99% Bandwidth - 64QAM	
5MHz Channel Bandwidth	10MHz Channel Bandwidth
	

A.2 Frequency Stability Test Result

Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/09/15 ~ 2022/09/18	Test Band	LTE Band 2/25

Power (VDC)	Temp (°C)	Frequency Tolerance (ppm)
3.80	- 30	-0.0041
	- 20	-0.0040
	- 10	-0.0080
	0	-0.0046
	+ 10	0.0005
	+ 20 (Ref)	0.0000
	+ 30	0.0000
	+ 40	-0.0022
	+ 50	-0.0017
4.35	+ 20	-0.0001
3.60	+ 20	0.0016

Note: 3.60Vdc is the battery end point.

Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/09/15 ~ 2022/09/18	Test Band	LTE Band 4

Power (VDC)	Temp (°C)	Frequency Tolerance (ppm)
3.80	- 30	-0.0055
	- 20	-0.0048
	- 10	-0.0062
	0	-0.0045
	+ 10	-0.0027
	+ 20 (Ref)	0.0000
	+ 30	-0.0025
	+ 40	-0.0035
	+ 50	-0.0040
4.35	+ 20	0.0009
3.60	+ 20	0.0007

Note: 3.60Vdc is the battery end point.

Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/09/15 ~ 2022/09/18	Test Band	LTE Band 5/26

Power (VDC)	Temp (°C)	Frequency Tolerance (ppm)
3.80	- 30	-0.0063
	- 20	-0.0038
	- 10	-0.0013
	0	0.0001
	+ 10	0.0005
	+ 20 (Ref)	0.0000
	+ 30	-0.0076
	+ 40	-0.0041
	+ 50	-0.0056
4.35	+ 20	-0.0016
3.60	+ 20	0.0021

Note: 3.60Vdc is the battery end point.

Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/09/15 ~ 2022/09/18	Test Band	LTE Band 7

Power (VDC)	Temp (°C)	Frequency Tolerance (ppm)
3.80	- 30	-0.0067
	- 20	-0.0036
	- 10	-0.0041
	0	0.0140
	+ 10	-0.0023
	+ 20 (Ref)	0.0000
	+ 30	0.0001
	+ 40	-0.0033
	+ 50	0.0183
4.35	+ 20	0.0014
3.60	+ 20	0.0008

Note: 3.60Vdc is the battery end point.

Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/09/15 ~ 2022/09/18	Test Band	LTE Band 12

Power (VDC)	Temp (°C)	Frequency Tolerance (ppm)
3.80	- 30	-0.0025
	- 20	-0.0001
	- 10	0.0000
	0	0.0000
	+ 10	0.0000
	+ 20 (Ref)	0.0000
	+ 30	-0.0004
	+ 40	-0.0018
	+ 50	-0.0005
4.35	+ 20	0.0001
3.60	+ 20	-0.0001

Note: 3.60Vdc is the battery end point.

Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/09/15 ~ 2022/09/18	Test Band	LTE Band 13

Power (VDC)	Temp (°C)	Frequency Tolerance (ppm)
3.80	- 30	0.0145
	- 20	0.0119
	- 10	0.0159
	0	0.0175
	+ 10	0.0178
	+ 20 (Ref)	0.0000
	+ 30	0.0132
	+ 40	0.0092
	+ 50	0.0122
4.35	+ 20	0.0159
3.60	+ 20	0.0151

Note: 3.60Vdc is the battery end point.

Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/09/15 ~ 2022/09/18	Test Band	LTE Band 17

Power (VDC)	Temp (°C)	Frequency Tolerance (ppm)
3.80	- 30	0.0016
	- 20	0.0009
	- 10	0.0037
	0	-0.0029
	+ 10	0.0041
	+ 20 (Ref)	0.0000
	+ 30	0.0017
	+ 40	0.0013
	+ 50	0.0009
4.35	+ 20	0.0048
3.60	+ 20	0.0025

Note: 3.60Vdc is the battery end point.

A.3 Equivalent Isotropically Radited Power Test Result

Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/09/14 ~ 2022/09/22	Test Band	LTE Band 2/25

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
QPSK						
1850.70	1.4	1	0	22.40	23.62	< 33.01
1882.50				22.50	23.72	< 33.01
1914.30				22.36	23.58	< 33.01
1850.70	1.4	1	2	22.55	23.77	< 33.01
1882.50				22.71	23.93	< 33.01
1914.30				22.56	23.78	< 33.01
1850.70	1.4	1	6	22.38	23.60	< 33.01
1882.50				22.51	23.73	< 33.01
1914.30				22.36	23.58	< 33.01
1850.70	1.4	6	0	21.46	22.68	< 33.01
1882.50				21.59	22.81	< 33.01
1914.30				21.51	22.73	< 33.01
1851.50	3	1	0	22.52	23.74	< 33.01
1882.50				22.66	23.88	< 33.01
1913.50				22.42	23.64	< 33.01
1851.50	3	1	7	22.47	23.69	< 33.01
1882.50				22.64	23.86	< 33.01
1913.50				22.44	23.66	< 33.01
1851.50	3	1	14	22.52	23.74	< 33.01
1882.50				22.58	23.80	< 33.01
1913.50				22.41	23.63	< 33.01
1851.50	3	15	0	21.51	22.73	< 33.01
1882.50				21.58	22.80	< 33.01
1913.50				21.43	22.65	< 33.01

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
QPSK						
1852.50	5	1	0	22.40	23.62	< 33.01
1882.50				22.52	23.74	< 33.01
1912.50				22.35	23.57	< 33.01
1852.50	5	1	12	22.58	23.80	< 33.01
1882.50				22.68	23.90	< 33.01
1912.50				22.48	23.70	< 33.01
1852.50	5	1	24	22.46	23.68	< 33.01
1882.50				22.53	23.75	< 33.01
1912.50				22.34	23.56	< 33.01
1852.50	5	25	0	21.50	22.72	< 33.01
1882.50				21.60	22.82	< 33.01
1912.50				21.44	22.66	< 33.01
1855.00	10	1	0	22.47	23.69	< 33.01
1882.50				22.59	23.81	< 33.01
1910.00				22.39	23.61	< 33.01
1855.00	10	1	24	22.68	23.90	< 33.01
1882.50				22.81	24.03	< 33.01
1910.00				22.61	23.83	< 33.01
1855.00	10	1	49	22.47	23.69	< 33.01
1882.50				22.52	23.74	< 33.01
1910.00				22.38	23.60	< 33.01
1855.00	10	50	0	21.52	22.74	< 33.01
1882.50				21.63	22.85	< 33.01
1910.00				21.20	22.42	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
QPSK						
1857.50	15	1	0	22.38	23.60	< 33.01
1882.50				22.54	23.76	< 33.01
1907.50				22.48	23.70	< 33.01
1857.50	15	1	37	22.45	23.67	< 33.01
1882.50				22.59	23.81	< 33.01
1907.50				22.49	23.71	< 33.01
1857.50	15	1	74	22.40	23.62	< 33.01
1882.50				22.45	23.67	< 33.01
1907.50				22.36	23.58	< 33.01
1857.50	15	75	0	21.38	22.60	< 33.01
1882.50				21.61	22.83	< 33.01
1907.50				21.43	22.65	< 33.01
1860.00	20	1	0	22.36	23.58	< 33.01
1882.50				22.50	23.72	< 33.01
1905.00				22.40	23.62	< 33.01
1860.00	20	1	49	22.62	23.84	< 33.01
1882.50				22.71	23.93	< 33.01
1905.00				22.62	23.84	< 33.01
1860.00	20	1	99	22.48	23.70	< 33.01
1882.50				22.41	23.63	< 33.01
1905.00				22.37	23.59	< 33.01
1860.00	20	100	0	21.18	22.40	< 33.01
1882.50				21.59	22.81	< 33.01
1905.00				21.49	22.71	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
16QAM						
1850.70	1.4	1	0	21.54	22.76	< 33.01
1882.50				21.55	22.77	< 33.01
1914.30				21.50	22.72	< 33.01
1850.70	1.4	1	2	21.57	22.79	< 33.01
1882.50				21.73	22.95	< 33.01
1914.30				21.69	22.91	< 33.01
1850.70	1.4	1	6	21.41	22.63	< 33.01
1882.50				21.66	22.88	< 33.01
1914.30				21.48	22.70	< 33.01
1850.70	1.4	6	0	20.40	21.62	< 33.01
1882.50				20.58	21.80	< 33.01
1914.30				20.48	21.70	< 33.01
1851.50	3	1	0	21.68	22.90	< 33.01
1882.50				21.67	22.89	< 33.01
1913.50				21.59	22.81	< 33.01
1851.50	3	1	7	22.01	23.23	< 33.01
1882.50				21.65	22.87	< 33.01
1913.50				21.58	22.80	< 33.01
1851.50	3	1	14	22.06	23.28	< 33.01
1882.50				21.78	23.00	< 33.01
1913.50				21.57	22.79	< 33.01
1851.50	3	15	0	20.48	21.70	< 33.01
1882.50				20.63	21.85	< 33.01
1913.50				20.36	21.58	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
16QAM						
1852.50	5	1	0	21.65	22.87	< 33.01
1882.50				21.40	22.62	< 33.01
1912.50				21.55	22.77	< 33.01
1852.50	5	1	12	21.84	23.06	< 33.01
1882.50				21.78	23.00	< 33.01
1912.50				21.69	22.91	< 33.01
1852.50	5	1	24	21.31	22.53	< 33.01
1882.50				21.63	22.85	< 33.01
1912.50				21.54	22.76	< 33.01
1852.50	5	25	0	20.52	21.74	< 33.01
1882.50				20.59	21.81	< 33.01
1912.50				20.41	21.63	< 33.01
1855.00	10	1	0	21.62	22.84	< 33.01
1882.50				21.65	22.87	< 33.01
1910.00				21.55	22.77	< 33.01
1855.00	10	1	24	21.73	22.95	< 33.01
1882.50				21.79	23.01	< 33.01
1910.00				21.78	23.00	< 33.01
1855.00	10	1	49	21.48	22.70	< 33.01
1882.50				21.52	22.74	< 33.01
1910.00				21.54	22.76	< 33.01
1855.00	10	50	0	20.48	21.70	< 33.01
1882.50				20.63	21.85	< 33.01
1910.00				20.17	21.39	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
16QAM						
1857.50	15	1	0	21.55	22.77	< 33.01
1882.50				21.89	23.11	< 33.01
1907.50				21.63	22.85	< 33.01
1857.50	15	1	37	22.06	23.28	< 33.01
1882.50				21.96	23.18	< 33.01
1907.50				21.66	22.88	< 33.01
1857.50	15	1	74	22.01	23.23	< 33.01
1882.50				21.65	22.87	< 33.01
1907.50				21.52	22.74	< 33.01
1857.50	15	75	0	20.43	21.65	< 33.01
1882.50				20.61	21.83	< 33.01
1907.50				20.40	21.62	< 33.01
1860.00	20	1	0	21.55	22.77	< 33.01
1882.50				21.78	23.00	< 33.01
1905.00				21.59	22.81	< 33.01
1860.00	20	1	49	21.83	23.05	< 33.01
1882.50				21.94	23.16	< 33.01
1905.00				21.82	23.04	< 33.01
1860.00	20	1	99	21.94	23.16	< 33.01
1882.50				21.58	22.80	< 33.01
1905.00				21.48	22.70	< 33.01
1860.00	20	100	0	20.24	21.46	< 33.01
1882.50				20.58	21.80	< 33.01
1905.00				20.49	21.71	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
64QAM						
1850.70	1.4	1	0	20.86	22.08	< 33.01
1882.50				20.65	21.87	< 33.01
1914.30				20.57	21.79	< 33.01
1850.70	1.4	1	2	20.79	22.01	< 33.01
1882.50				21.12	22.34	< 33.01
1914.30				20.74	21.96	< 33.01
1850.70	1.4	1	6	20.56	21.78	< 33.01
1882.50				20.54	21.76	< 33.01
1914.30				20.78	22.00	< 33.01
1850.70	1.4	6	0	19.76	20.98	< 33.01
1882.50				19.90	21.12	< 33.01
1914.30				19.69	20.91	< 33.01
1851.50	3	1	0	20.49	21.71	< 33.01
1882.50				20.73	21.95	< 33.01
1913.50				20.59	21.81	< 33.01
1851.50	3	1	7	20.62	21.84	< 33.01
1882.50				20.54	21.76	< 33.01
1913.50				20.64	21.86	< 33.01
1851.50	3	1	14	20.63	21.85	< 33.01
1882.50				20.68	21.90	< 33.01
1913.50				20.67	21.89	< 33.01
1851.50	3	15	0	19.56	20.78	< 33.01
1882.50				19.71	20.93	< 33.01
1913.50				19.78	21.00	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
64QAM						
1852.50	5	1	0	20.65	21.87	< 33.01
1882.50				20.59	21.81	< 33.01
1912.50				20.72	21.94	< 33.01
1852.50	5	1	12	20.71	21.93	< 33.01
1882.50				20.66	21.88	< 33.01
1912.50				20.85	22.07	< 33.01
1852.50	5	1	24	20.56	21.78	< 33.01
1882.50				20.74	21.96	< 33.01
1912.50				20.47	21.69	< 33.01
1852.50	5	25	0	19.56	20.78	< 33.01
1882.50				19.69	20.91	< 33.01
1912.50				19.66	20.88	< 33.01
1855.00	10	1	0	20.54	21.76	< 33.01
1882.50				20.70	21.92	< 33.01
1910.00				20.49	21.71	< 33.01
1855.00	10	1	24	20.72	21.94	< 33.01
1882.50				20.71	21.93	< 33.01
1910.00				20.83	22.05	< 33.01
1855.00	10	1	49	20.39	21.61	< 33.01
1882.50				20.64	21.86	< 33.01
1910.00				20.60	21.82	< 33.01
1855.00	10	50	0	19.71	20.93	< 33.01
1882.50				19.75	20.97	< 33.01
1910.00				19.45	20.67	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
64QAM						
1857.50	15	1	0	20.81	22.03	< 33.01
1882.50				20.62	21.84	< 33.01
1907.50				20.57	21.79	< 33.01
1857.50	15	1	37	20.67	21.89	< 33.01
1882.50				20.81	22.03	< 33.01
1907.50				20.69	21.91	< 33.01
1857.50	15	1	74	20.76	21.98	< 33.01
1882.50				20.47	21.69	< 33.01
1907.50				20.56	21.78	< 33.01
1857.50	15	75	0	19.53	20.75	< 33.01
1882.50				19.68	20.90	< 33.01
1907.50				19.59	20.81	< 33.01
1860.00	20	1	0	20.72	21.94	< 33.01
1882.50				20.63	21.85	< 33.01
1905.00				20.33	21.55	< 33.01
1860.00	20	1	49	20.92	22.14	< 33.01
1882.50				20.69	21.91	< 33.01
1905.00				20.98	22.20	< 33.01
1860.00	20	1	99	20.32	21.54	< 33.01
1882.50				20.89	22.11	< 33.01
1905.00				20.64	21.86	< 33.01
1860.00	20	100	0	19.17	20.39	< 33.01
1882.50				19.57	20.79	< 33.01
1905.00				19.65	20.87	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/09/14 ~ 2022/09/22	Test Band	LTE Band 4

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
QPSK						
1710.70	1.4	1	0	22.40	24.86	< 30.00
1732.50				22.33	24.79	< 30.00
1754.30				22.25	24.71	< 30.00
1710.70	1.4	1	2	22.57	25.03	< 30.00
1732.50				22.56	25.02	< 30.00
1754.30				22.45	24.91	< 30.00
1710.70	1.4	1	6	22.35	24.81	< 30.00
1732.50				22.29	24.75	< 30.00
1754.30				22.33	24.79	< 30.00
1710.70	1.4	6	0	21.54	24.00	< 30.00
1732.50				21.36	23.82	< 30.00
1754.30				21.34	23.80	< 30.00
1711.50	3	1	0	22.51	24.97	< 30.00
1732.50				22.36	24.82	< 30.00
1753.50				22.31	24.77	< 30.00
1711.50	3	1	7	22.47	24.93	< 30.00
1732.50				22.31	24.77	< 30.00
1753.50				22.27	24.73	< 30.00
1711.50	3	1	14	22.53	24.99	< 30.00
1732.50				22.35	24.81	< 30.00
1753.50				22.28	24.74	< 30.00
1711.50	3	15	0	21.39	23.85	< 30.00
1732.50				21.29	23.75	< 30.00
1753.50				21.30	23.76	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
QPSK						
1712.50	5	1	0	22.42	24.88	< 30.00
1732.50				22.28	24.74	< 30.00
1752.50				22.31	24.77	< 30.00
1712.50	5	1	12	22.51	24.97	< 30.00
1732.50				22.41	24.87	< 30.00
1752.50				22.36	24.82	< 30.00
1712.50	5	1	24	22.42	24.88	< 30.00
1732.50				22.26	24.72	< 30.00
1752.50				22.29	24.75	< 30.00
1712.50	5	25	0	21.42	23.88	< 30.00
1732.50				21.31	23.77	< 30.00
1752.50				21.32	23.78	< 30.00
1715.00	10	1	0	22.51	24.97	< 30.00
1732.50				22.37	24.83	< 30.00
1750.00				22.31	24.77	< 30.00
1715.00	10	1	24	22.64	25.10	< 30.00
1732.50				22.50	24.96	< 30.00
1750.00				22.46	24.92	< 30.00
1715.00	10	1	49	22.43	24.89	< 30.00
1732.50				22.31	24.77	< 30.00
1750.00				22.29	24.75	< 30.00
1715.00	10	50	0	21.52	23.98	< 30.00
1732.50				21.41	23.87	< 30.00
1750.00				21.36	23.82	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
QPSK						
1717.50	15	1	0	22.42	24.88	< 30.00
1732.50				22.45	24.91	< 30.00
1747.50				22.31	24.77	< 30.00
1717.50	15	1	37	22.47	24.93	< 30.00
1732.50				22.38	24.84	< 30.00
1747.50				22.33	24.79	< 30.00
1717.50	15	1	74	22.31	24.77	< 30.00
1732.50				22.31	24.77	< 30.00
1747.50				22.26	24.72	< 30.00
1717.50	15	75	0	21.51	23.97	< 30.00
1732.50				21.44	23.90	< 30.00
1747.50				21.42	23.88	< 30.00
1720.00	20	1	0	22.46	24.92	< 30.00
1732.50				22.33	24.79	< 30.00
1745.00				22.23	24.69	< 30.00
1720.00	20	1	49	22.67	25.13	< 30.00
1732.50				22.56	25.02	< 30.00
1745.00				22.48	24.94	< 30.00
1720.00	20	1	99	22.28	24.74	< 30.00
1732.50				22.27	24.73	< 30.00
1745.00				22.24	24.70	< 30.00
1720.00	20	100	0	21.42	23.88	< 30.00
1732.50				21.39	23.85	< 30.00
1745.00				21.48	23.94	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
16QAM						
1710.70	1.4	1	0	21.44	23.90	< 30.00
1732.50				21.32	23.78	< 30.00
1754.30				21.43	23.89	< 30.00
1710.70	1.4	1	2	21.59	24.05	< 30.00
1732.50				21.60	24.06	< 30.00
1754.30				21.65	24.11	< 30.00
1710.70	1.4	1	6	21.42	23.88	< 30.00
1732.50				21.45	23.91	< 30.00
1754.30				21.30	23.76	< 30.00
1710.70	1.4	6	0	20.54	23.00	< 30.00
1732.50				20.41	22.87	< 30.00
1754.30				20.31	22.77	< 30.00
1711.50	3	1	0	21.62	24.08	< 30.00
1732.50				21.93	24.39	< 30.00
1753.50				21.40	23.86	< 30.00
1711.50	3	1	7	21.63	24.09	< 30.00
1732.50				21.32	23.78	< 30.00
1753.50				21.84	24.30	< 30.00
1711.50	3	1	14	21.54	24.00	< 30.00
1732.50				21.49	23.95	< 30.00
1753.50				21.84	24.30	< 30.00
1711.50	3	15	0	20.44	22.90	< 30.00
1732.50				20.43	22.89	< 30.00
1753.50				20.42	22.88	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
16QAM						
1712.50	5	1	0	21.67	24.13	< 30.00
1732.50				21.17	23.63	< 30.00
1752.50				21.42	23.88	< 30.00
1712.50	5	1	12	21.81	24.27	< 30.00
1732.50				21.25	23.71	< 30.00
1752.50				21.43	23.89	< 30.00
1712.50	5	1	24	21.64	24.10	< 30.00
1732.50				21.37	23.83	< 30.00
1752.50				21.12	23.58	< 30.00
1712.50	5	25	0	20.48	22.94	< 30.00
1732.50				20.34	22.80	< 30.00
1752.50				20.47	22.93	< 30.00
1715.00	10	1	0	21.68	24.14	< 30.00
1732.50				21.96	24.42	< 30.00
1750.00				21.36	23.82	< 30.00
1715.00	10	1	24	21.81	24.27	< 30.00
1732.50				22.02	24.48	< 30.00
1750.00				21.47	23.93	< 30.00
1715.00	10	1	49	21.60	24.06	< 30.00
1732.50				21.33	23.79	< 30.00
1750.00				21.86	24.32	< 30.00
1715.00	10	50	0	20.63	23.09	< 30.00
1732.50				20.51	22.97	< 30.00
1750.00				20.48	22.94	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
16QAM						
1717.50	15	1	0	21.82	24.28	< 30.00
1732.50				21.97	24.43	< 30.00
1747.50				21.45	23.91	< 30.00
1717.50	15	1	37	22.09	24.55	< 30.00
1732.50				21.78	24.24	< 30.00
1747.50				21.55	24.01	< 30.00
1717.50	15	1	74	21.93	24.39	< 30.00
1732.50				21.44	23.90	< 30.00
1747.50				21.67	24.13	< 30.00
1717.50	15	75	0	20.59	23.05	< 30.00
1732.50				20.48	22.94	< 30.00
1747.50				20.54	23.00	< 30.00
1720.00	20	1	0	21.64	24.10	< 30.00
1732.50				21.65	24.11	< 30.00
1745.00				21.84	24.30	< 30.00
1720.00	20	1	49	21.88	24.34	< 30.00
1732.50				21.83	24.29	< 30.00
1745.00				22.07	24.53	< 30.00
1720.00	20	1	99	21.48	23.94	< 30.00
1732.50				21.82	24.28	< 30.00
1745.00				21.54	24.00	< 30.00
1720.00	20	100	0	20.50	22.96	< 30.00
1732.50				20.47	22.93	< 30.00
1745.00				20.53	22.99	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
64QAM						
1710.70	1.4	1	0	20.71	23.17	< 30.00
1732.50				20.84	23.30	< 30.00
1754.30				20.42	22.88	< 30.00
1710.70	1.4	1	2	20.83	23.29	< 30.00
1732.50				21.03	23.49	< 30.00
1754.30				20.57	23.03	< 30.00
1710.70	1.4	1	6	20.64	23.10	< 30.00
1732.50				20.56	23.02	< 30.00
1754.30				20.75	23.21	< 30.00
1710.70	1.4	6	0	19.82	22.28	< 30.00
1732.50				19.78	22.24	< 30.00
1754.30				19.55	22.01	< 30.00
1711.50	3	1	0	20.71	23.17	< 30.00
1732.50				20.60	23.06	< 30.00
1753.50				20.62	23.08	< 30.00
1711.50	3	1	7	20.58	23.04	< 30.00
1732.50				20.60	23.06	< 30.00
1753.50				20.49	22.95	< 30.00
1711.50	3	1	14	20.57	23.03	< 30.00
1732.50				20.61	23.07	< 30.00
1753.50				20.54	23.00	< 30.00
1711.50	3	15	0	19.63	22.09	< 30.00
1732.50				19.72	22.18	< 30.00
1753.50				19.52	21.98	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
64QAM						
1712.50	5	1	0	20.75	23.21	< 30.00
1732.50				20.58	23.04	< 30.00
1752.50				20.76	23.22	< 30.00
1712.50	5	1	12	20.91	23.37	< 30.00
1732.50				20.92	23.38	< 30.00
1752.50				20.54	23.00	< 30.00
1712.50	5	1	24	20.87	23.33	< 30.00
1732.50				20.66	23.12	< 30.00
1752.50				20.48	22.94	< 30.00
1712.50	5	25	0	19.71	22.17	< 30.00
1732.50				19.57	22.03	< 30.00
1752.50				19.52	21.98	< 30.00
1715.00	10	1	0	20.59	23.05	< 30.00
1732.50				20.77	23.23	< 30.00
1750.00				20.59	23.05	< 30.00
1715.00	10	1	24	20.92	23.38	< 30.00
1732.50				20.67	23.13	< 30.00
1750.00				20.76	23.22	< 30.00
1715.00	10	1	49	20.86	23.32	< 30.00
1732.50				20.54	23.00	< 30.00
1750.00				20.68	23.14	< 30.00
1715.00	10	50	0	19.80	22.26	< 30.00
1732.50				19.62	22.08	< 30.00
1750.00				19.59	22.05	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
64QAM						
1717.50	15	1	0	20.81	23.27	< 30.00
1732.50				20.86	23.32	< 30.00
1747.50				21.04	23.50	< 30.00
1717.50	15	1	37	20.92	23.38	< 30.00
1732.50				20.91	23.37	< 30.00
1747.50				20.69	23.15	< 30.00
1717.50	15	1	74	20.71	23.17	< 30.00
1732.50				20.68	23.14	< 30.00
1747.50				20.81	23.27	< 30.00
1717.50	15	75	0	19.90	22.36	< 30.00
1732.50				19.85	22.31	< 30.00
1747.50				19.76	22.22	< 30.00
1720.00	20	1	0	20.91	23.37	< 30.00
1732.50				20.88	23.34	< 30.00
1745.00				20.37	22.83	< 30.00
1720.00	20	1	49	20.98	23.44	< 30.00
1732.50				21.11	23.57	< 30.00
1745.00				20.68	23.14	< 30.00
1720.00	20	1	99	21.05	23.51	< 30.00
1732.50				20.40	22.86	< 30.00
1745.00				20.77	23.23	< 30.00
1720.00	20	100	0	19.83	22.29	< 30.00
1732.50				19.69	22.15	< 30.00
1745.00				19.86	22.32	< 30.00
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/09/14 ~ 2022/09/22	Test Band	LTE Band 5/26

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
QPSK						
824.70	1.4	1	0	22.86	22.63	< 38.45
836.50				23.02	22.79	< 38.45
848.30				23.13	22.90	< 38.45
824.70	1.4	1	2	23.08	22.85	< 38.45
836.50				23.22	22.99	< 38.45
848.30				23.35	23.12	< 38.45
824.70	1.4	1	6	22.93	22.70	< 38.45
836.50				22.98	22.75	< 38.45
848.30				23.19	22.96	< 38.45
824.70	1.4	6	0	21.95	21.72	< 38.45
836.50				22.05	21.82	< 38.45
848.30				22.15	21.92	< 38.45
825.50	3	1	0	22.94	22.71	< 38.45
836.50				23.09	22.86	< 38.45
846.50				23.22	22.99	< 38.45
825.50	3	1	7	22.93	22.70	< 38.45
836.50				23.02	22.79	< 38.45
846.50				23.18	22.95	< 38.45
825.50	3	1	14	22.94	22.71	< 38.45
836.50				23.06	22.83	< 38.45
846.50				23.18	22.95	< 38.45
825.50	3	15	0	21.95	21.72	< 38.45
836.50				22.06	21.83	< 38.45
846.50				22.23	22.00	< 38.45
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
QPSK						
826.50	5	1	0	22.91	22.68	< 38.45
836.50				22.99	22.76	< 38.45
846.50				23.06	22.83	< 38.45
826.50	5	1	12	22.97	22.74	< 38.45
836.50				23.11	22.88	< 38.45
846.50				23.24	23.01	< 38.45
826.50	5	1	24	22.91	22.68	< 38.45
836.50				23.01	22.78	< 38.45
846.50				23.13	22.90	< 38.45
826.50	5	25	0	21.94	21.71	< 38.45
836.50				22.11	21.88	< 38.45
846.50				22.17	21.94	< 38.45
829.00	10	1	0	22.94	22.71	< 38.45
836.50				23.03	22.80	< 38.45
844.00				23.09	22.86	< 38.45
829.00	10	1	24	23.10	22.87	< 38.45
836.50				23.26	23.03	< 38.45
844.00				23.24	23.01	< 38.45
829.00	10	1	49	23.01	22.78	< 38.45
836.50				23.06	22.83	< 38.45
844.00				23.16	22.93	< 38.45
829.00	10	50	0	21.98	21.75	< 38.45
836.50				22.21	21.98	< 38.45
844.00				22.10	21.87	< 38.45
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
QPSK						
821.50	15	1	0	22.81	22.58	< 38.45
836.50				22.91	22.68	< 38.45
841.50				23.01	22.78	< 38.45
821.50	15	1	37	23.01	22.78	< 38.45
836.50				23.13	22.90	< 38.45
841.50				23.12	22.89	< 38.45
821.50	15	1	74	22.93	22.70	< 38.45
836.50				23.05	22.82	< 38.45
841.50				23.12	22.89	< 38.45
821.50	15	75	0	21.96	21.73	< 38.45
836.50				22.17	21.94	< 38.45
841.50				22.11	21.88	< 38.45
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
16QAM						
824.70	1.4	1	0	21.94	21.71	< 38.45
836.50				22.07	21.84	< 38.45
848.30				22.33	22.10	< 38.45
824.70	1.4	1	2	22.09	21.86	< 38.45
836.50				22.44	22.21	< 38.45
848.30				22.44	22.21	< 38.45
824.70	1.4	1	6	22.12	21.89	< 38.45
836.50				22.04	21.81	< 38.45
848.30				22.28	22.05	< 38.45
824.70	1.4	6	0	21.04	20.81	< 38.45
836.50				21.18	20.95	< 38.45
848.30				21.35	21.12	< 38.45
825.50	3	1	0	22.13	21.90	< 38.45
836.50				22.70	22.47	< 38.45
846.50				22.25	22.02	< 38.45
825.50	3	1	7	22.21	21.98	< 38.45
836.50				22.67	22.44	< 38.45
846.50				22.26	22.03	< 38.45
825.50	3	1	14	22.10	21.87	< 38.45
836.50				22.05	21.82	< 38.45
846.50				22.76	22.53	< 38.45
825.50	3	15	0	21.06	20.83	< 38.45
836.50				21.14	20.91	< 38.45
846.50				21.40	21.17	< 38.45
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
16QAM						
826.50	5	1	0	22.14	21.91	< 38.45
836.50				21.85	21.62	< 38.45
846.50				22.18	21.95	< 38.45
826.50	5	1	12	22.25	22.02	< 38.45
836.50				22.22	21.99	< 38.45
846.50				22.12	21.89	< 38.45
826.50	5	1	24	22.02	21.79	< 38.45
836.50				22.24	22.01	< 38.45
846.50				22.01	21.78	< 38.45
826.50	5	25	0	20.97	20.74	< 38.45
836.50				21.22	20.99	< 38.45
846.50				21.31	21.08	< 38.45
829.00	10	1	0	22.10	21.87	< 38.45
836.50				22.60	22.37	< 38.45
844.00				22.12	21.89	< 38.45
829.00	10	1	24	22.28	22.05	< 38.45
836.50				22.31	22.08	< 38.45
844.00				22.79	22.56	< 38.45
829.00	10	1	49	22.63	22.40	< 38.45
836.50				22.25	22.02	< 38.45
844.00				22.74	22.51	< 38.45
829.00	10	50	0	21.11	20.88	< 38.45
836.50				21.30	21.07	< 38.45
844.00				21.19	20.96	< 38.45
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
16QAM						
821.50	15	1	0	22.07	21.84	< 38.45
836.50				22.34	22.11	< 38.45
841.50				22.20	21.97	< 38.45
821.50	15	1	37	22.63	22.40	< 38.45
836.50				22.53	22.30	< 38.45
841.50				22.31	22.08	< 38.45
821.50	15	1	74	22.63	22.40	< 38.45
836.50				22.24	22.01	< 38.45
841.50				22.55	22.32	< 38.45
821.50	15	75	0	21.07	20.84	< 38.45
836.50				21.24	21.01	< 38.45
841.50				21.14	20.91	< 38.45
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
64QAM						
824.70	1.4	1	0	20.88	20.65	< 38.45
836.50				20.89	20.66	< 38.45
848.30				21.41	21.18	< 38.45
824.70	1.4	1	2	20.93	20.70	< 38.45
836.50				21.26	21.03	< 38.45
848.30				21.64	21.41	< 38.45
824.70	1.4	1	6	20.84	20.61	< 38.45
836.50				21.29	21.06	< 38.45
848.30				21.16	20.93	< 38.45
824.70	1.4	6	0	19.87	19.64	< 38.45
836.50				20.10	19.87	< 38.45
848.30				20.31	20.08	< 38.45
825.50	3	1	0	20.87	20.64	< 38.45
836.50				21.08	20.85	< 38.45
846.50				21.08	20.85	< 38.45
825.50	3	1	7	20.91	20.68	< 38.45
836.50				20.87	20.64	< 38.45
846.50				21.21	20.98	< 38.45
825.50	3	1	14	20.92	20.69	< 38.45
836.50				21.04	20.81	< 38.45
846.50				21.23	21.00	< 38.45
825.50	3	15	0	19.98	19.75	< 38.45
836.50				20.03	19.80	< 38.45
846.50				20.13	19.90	< 38.45
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
64QAM						
826.50	5	1	0	20.78	20.55	< 38.45
836.50				21.20	20.97	< 38.45
846.50				21.15	20.92	< 38.45
826.50	5	1	12	20.90	20.67	< 38.45
836.50				21.25	21.02	< 38.45
846.50				21.31	21.08	< 38.45
826.50	5	1	24	20.82	20.59	< 38.45
836.50				21.05	20.82	< 38.45
846.50				21.32	21.09	< 38.45
826.50	5	25	0	19.99	19.76	< 38.45
836.50				20.05	19.82	< 38.45
846.50				20.10	19.87	< 38.45
829.00	10	1	0	20.89	20.66	< 38.45
836.50				21.05	20.82	< 38.45
844.00				20.94	20.71	< 38.45
829.00	10	1	24	21.06	20.83	< 38.45
836.50				21.22	20.99	< 38.45
844.00				21.06	20.83	< 38.45
829.00	10	1	49	21.01	20.78	< 38.45
836.50				20.92	20.69	< 38.45
844.00				21.26	21.03	< 38.45
829.00	10	50	0	19.96	19.73	< 38.45
836.50				20.19	19.96	< 38.45
844.00				20.05	19.82	< 38.45
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
64QAM						
821.50	15	1	0	20.82	20.59	< 38.45
836.50				20.88	20.65	< 38.45
841.50				21.31	21.08	< 38.45
821.50	15	1	37	20.99	20.76	< 38.45
836.50				21.48	21.25	< 38.45
841.50				21.19	20.96	< 38.45
821.50	15	1	74	21.29	21.06	< 38.45
836.50				20.96	20.73	< 38.45
841.50				21.13	20.90	< 38.45
821.50	15	75	0	19.88	19.65	< 38.45
836.50				20.05	19.82	< 38.45
841.50				20.01	19.78	< 38.45
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/09/14 ~ 2022/09/22	Test Band	LTE Band 7

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
QPSK						
2502.50	5	1	0	21.25	22.97	< 33.01
2535.00				21.33	23.05	< 33.01
2567.50				21.41	23.13	< 33.01
2502.50	5	1	12	21.48	23.20	< 33.01
2535.00				21.38	23.10	< 33.01
2567.50				21.54	23.26	< 33.01
2502.50	5	1	24	21.37	23.09	< 33.01
2535.00				21.31	23.03	< 33.01
2567.50				21.36	23.08	< 33.01
2502.50	5	25	0	20.41	22.13	< 33.01
2535.00				20.40	22.12	< 33.01
2567.50				20.54	22.26	< 33.01
2505.00	10	1	0	21.51	23.23	< 33.01
2535.00				21.35	23.07	< 33.01
2565.00				21.57	23.29	< 33.01
2505.00	10	1	24	21.68	23.40	< 33.01
2535.00				21.60	23.32	< 33.01
2565.00				21.58	23.30	< 33.01
2505.00	10	1	49	21.47	23.19	< 33.01
2535.00				21.48	23.20	< 33.01
2565.00				21.38	23.10	< 33.01
2505.00	10	50	0	20.53	22.25	< 33.01
2535.00				20.54	22.26	< 33.01
2565.00				20.61	22.33	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
QPSK						
2507.50	15	1	0	21.46	23.18	< 33.01
2535.00				21.25	22.97	< 33.01
2562.50				21.35	23.07	< 33.01
2507.50	15	1	37	21.61	23.33	< 33.01
2535.00				21.44	23.16	< 33.01
2562.50				21.55	23.27	< 33.01
2507.50	15	1	74	21.28	23.00	< 33.01
2535.00				21.42	23.14	< 33.01
2562.50				21.29	23.01	< 33.01
2507.50	15	75	0	20.56	22.28	< 33.01
2535.00				20.58	22.30	< 33.01
2562.50				20.59	22.31	< 33.01
2510.00	20	1	0	21.24	22.96	< 33.01
2535.00				21.34	23.06	< 33.01
2560.00				21.48	23.20	< 33.01
2510.00	20	1	49	21.67	23.39	< 33.01
2535.00				21.55	23.27	< 33.01
2560.00				21.85	23.57	< 33.01
2510.00	20	1	99	21.34	23.06	< 33.01
2535.00				21.44	23.16	< 33.01
2560.00				21.28	23.00	< 33.01
2510.00	20	100	0	20.54	22.26	< 33.01
2535.00				20.51	22.23	< 33.01
2560.00				20.56	22.28	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
16QAM						
2502.50	5	1	0	20.37	22.09	< 33.01
2535.00				20.34	22.06	< 33.01
2567.50				20.85	22.57	< 33.01
2502.50	5	1	12	20.44	22.16	< 33.01
2535.00				20.47	22.19	< 33.01
2567.50				20.97	22.69	< 33.01
2502.50	5	1	24	20.36	22.08	< 33.01
2535.00				20.77	22.49	< 33.01
2567.50				20.47	22.19	< 33.01
2502.50	5	25	0	19.47	21.19	< 33.01
2535.00				19.48	21.20	< 33.01
2567.50				19.51	21.23	< 33.01
2505.00	10	1	0	20.36	22.08	< 33.01
2535.00				21.06	22.78	< 33.01
2565.00				20.52	22.24	< 33.01
2505.00	10	1	24	20.52	22.24	< 33.01
2535.00				20.59	22.31	< 33.01
2565.00				21.22	22.94	< 33.01
2505.00	10	1	49	20.45	22.17	< 33.01
2535.00				20.35	22.07	< 33.01
2565.00				21.06	22.78	< 33.01
2505.00	10	50	0	19.51	21.23	< 33.01
2535.00				19.54	21.26	< 33.01
2565.00				19.65	21.37	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
16QAM						
2507.50	15	1	0	20.26	21.98	< 33.01
2535.00				20.96	22.68	< 33.01
2562.50				20.66	22.38	< 33.01
2507.50	15	1	37	20.48	22.20	< 33.01
2535.00				20.75	22.47	< 33.01
2562.50				21.17	22.89	< 33.01
2507.50	15	1	74	20.62	22.34	< 33.01
2535.00				20.29	22.01	< 33.01
2562.50				20.97	22.69	< 33.01
2507.50	15	75	0	19.56	21.28	< 33.01
2535.00				19.55	21.27	< 33.01
2562.50				19.56	21.28	< 33.01
2510.00	20	1	0	20.54	22.26	< 33.01
2535.00				20.82	22.54	< 33.01
2560.00				20.41	22.13	< 33.01
2510.00	20	1	49	21.14	22.86	< 33.01
2535.00				20.87	22.59	< 33.01
2560.00				20.76	22.48	< 33.01
2510.00	20	1	99	20.84	22.56	< 33.01
2535.00				20.38	22.10	< 33.01
2560.00				20.61	22.33	< 33.01
2510.00	20	100	0	19.54	21.26	< 33.01
2535.00				19.55	21.27	< 33.01
2560.00				19.55	21.27	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
64QAM						
2502.50	5	1	0	19.62	21.34	< 33.01
2535.00				19.36	21.08	< 33.01
2567.50				19.61	21.33	< 33.01
2502.50	5	1	12	19.48	21.20	< 33.01
2535.00				19.76	21.48	< 33.01
2567.50				19.75	21.47	< 33.01
2502.50	5	1	24	19.39	21.11	< 33.01
2535.00				19.53	21.25	< 33.01
2567.50				19.74	21.46	< 33.01
2502.50	5	25	0	18.40	20.12	< 33.01
2535.00				18.39	20.11	< 33.01
2567.50				18.61	20.33	< 33.01
2505.00	10	1	0	19.52	21.24	< 33.01
2535.00				19.54	21.26	< 33.01
2565.00				19.47	21.19	< 33.01
2505.00	10	1	24	19.64	21.36	< 33.01
2535.00				19.58	21.30	< 33.01
2565.00				19.82	21.54	< 33.01
2505.00	10	1	49	19.41	21.13	< 33.01
2535.00				19.51	21.23	< 33.01
2565.00				19.62	21.34	< 33.01
2505.00	10	50	0	18.55	20.27	< 33.01
2535.00				18.53	20.25	< 33.01
2565.00				18.60	20.32	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
64QAM						
2507.50	15	1	0	19.43	21.15	< 33.01
2535.00				19.45	21.17	< 33.01
2562.50				19.87	21.59	< 33.01
2507.50	15	1	37	19.61	21.33	< 33.01
2535.00				19.92	21.64	< 33.01
2562.50				19.71	21.43	< 33.01
2507.50	15	1	74	19.86	21.58	< 33.01
2535.00				19.39	21.11	< 33.01
2562.50				19.51	21.23	< 33.01
2507.50	15	75	0	18.52	20.24	< 33.01
2535.00				18.49	20.21	< 33.01
2562.50				18.59	20.31	< 33.01
2510.00	20	1	0	19.19	20.91	< 33.01
2535.00				19.57	21.29	< 33.01
2560.00				19.85	21.57	< 33.01
2510.00	20	1	49	19.91	21.63	< 33.01
2535.00				19.52	21.24	< 33.01
2560.00				20.14	21.86	< 33.01
2510.00	20	1	99	19.55	21.27	< 33.01
2535.00				19.78	21.50	< 33.01
2560.00				19.26	20.98	< 33.01
2510.00	20	100	0	18.49	20.21	< 33.01
2535.00				18.54	20.26	< 33.01
2560.00				18.53	20.25	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)						

Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/09/14 ~ 2022/09/22	Test Band	LTE Band 12

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
QPSK						
699.7	1.4	1	0	22.99	20.60	< 34.77
707.5				22.94	20.55	< 34.77
715.3				22.89	20.50	< 34.77
699.7	1.4	1	2	23.19	20.80	< 34.77
707.5				23.09	20.70	< 34.77
715.3				23.04	20.65	< 34.77
699.7	1.4	1	6	23.06	20.67	< 34.77
707.5				23.01	20.62	< 34.77
715.3				22.83	20.44	< 34.77
699.7	1.4	6	0	22.16	19.77	< 34.77
707.5				22.12	19.73	< 34.77
715.3				22.02	19.63	< 34.77
700.5	3	1	0	23.14	20.75	< 34.77
707.5				23.05	20.66	< 34.77
714.5				22.96	20.57	< 34.77
700.5	3	1	7	23.12	20.73	< 34.77
707.5				23.05	20.66	< 34.77
714.5				22.94	20.55	< 34.77
700.5	3	1	14	23.06	20.67	< 34.77
707.5				23.00	20.61	< 34.77
714.5				22.97	20.58	< 34.77
700.5	3	15	0	22.22	19.83	< 34.77
707.5				22.11	19.72	< 34.77
714.5				22.05	19.66	< 34.77
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
QPSK						
701.5	5	1	0	23.04	20.65	< 34.77
707.5				23.02	20.63	< 34.77
713.5				22.85	20.46	< 34.77
701.5	5	1	12	23.15	20.76	< 34.77
707.5				23.07	20.68	< 34.77
713.5				23.02	20.63	< 34.77
701.5	5	1	24	22.97	20.58	< 34.77
707.5				22.90	20.51	< 34.77
713.5				22.85	20.46	< 34.77
701.5	5	25	0	22.15	19.76	< 34.77
707.5				22.09	19.70	< 34.77
713.5				22.09	19.70	< 34.77
704.0	10	1	0	23.13	20.74	< 34.77
707.5				23.02	20.63	< 34.77
711.0				23.03	20.64	< 34.77
704.0	10	1	24	23.21	20.82	< 34.77
707.5				23.22	20.83	< 34.77
711.0				23.08	20.69	< 34.77
704.0	10	1	49	22.96	20.57	< 34.77
707.5				22.94	20.55	< 34.77
711.0				23.02	20.63	< 34.77
704.0	10	50	0	22.34	19.95	< 34.77
707.5				22.10	19.71	< 34.77
711.0				22.15	19.76	< 34.77
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
16QAM						
699.7	1.4	1	0	22.25	19.86	< 34.77
707.5				22.09	19.70	< 34.77
715.3				22.00	19.61	< 34.77
699.7	1.4	1	2	22.48	20.09	< 34.77
707.5				22.21	19.82	< 34.77
715.3				22.18	19.79	< 34.77
699.7	1.4	1	6	22.31	19.92	< 34.77
707.5				22.11	19.72	< 34.77
715.3				21.99	19.60	< 34.77
699.7	1.4	6	0	21.13	18.74	< 34.77
707.5				21.15	18.76	< 34.77
715.3				21.05	18.66	< 34.77
700.5	3	1	0	22.26	19.87	< 34.77
707.5				22.72	20.33	< 34.77
714.5				22.26	19.87	< 34.77
700.5	3	1	7	22.75	20.36	< 34.77
707.5				22.20	19.81	< 34.77
714.5				22.25	19.86	< 34.77
700.5	3	1	14	22.74	20.35	< 34.77
707.5				22.27	19.88	< 34.77
714.5				22.08	19.69	< 34.77
700.5	3	15	0	21.28	18.89	< 34.77
707.5				21.18	18.79	< 34.77
714.5				21.06	18.67	< 34.77
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
16QAM						
701.5	5	1	0	22.22	19.83	< 34.77
707.5				21.96	19.57	< 34.77
713.5				22.20	19.81	< 34.77
701.5	5	1	12	22.10	19.71	< 34.77
707.5				22.26	19.87	< 34.77
713.5				22.39	20.00	< 34.77
701.5	5	1	24	21.94	19.55	< 34.77
707.5				22.24	19.85	< 34.77
713.5				22.04	19.65	< 34.77
701.5	5	25	0	21.19	18.80	< 34.77
707.5				21.14	18.75	< 34.77
713.5				21.13	18.74	< 34.77
704.0	10	1	0	22.21	19.82	< 34.77
707.5				22.70	20.31	< 34.77
711.0				22.29	19.90	< 34.77
704.0	10	1	24	22.86	20.47	< 34.77
707.5				22.29	19.90	< 34.77
711.0				22.33	19.94	< 34.77
704.0	10	1	49	22.62	20.23	< 34.77
707.5				22.23	19.84	< 34.77
711.0				22.05	19.66	< 34.77
704.0	10	50	0	21.36	18.97	< 34.77
707.5				21.12	18.73	< 34.77
711.0				21.15	18.76	< 34.77
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
64QAM						
699.7	1.4	1	0	21.15	18.76	< 34.77
707.5				21.49	19.10	< 34.77
715.3				21.16	18.77	< 34.77
699.7	1.4	1	2	21.73	19.34	< 34.77
707.5				21.28	18.89	< 34.77
715.3				21.34	18.95	< 34.77
699.7	1.4	1	6	21.54	19.15	< 34.77
707.5				21.16	18.77	< 34.77
715.3				21.07	18.68	< 34.77
699.7	1.4	6	0	20.38	17.99	< 34.77
707.5				20.22	17.83	< 34.77
715.3				20.28	17.89	< 34.77
700.5	3	1	0	21.31	18.92	< 34.77
707.5				21.36	18.97	< 34.77
714.5				21.15	18.76	< 34.77
700.5	3	1	7	21.38	18.99	< 34.77
707.5				21.41	19.02	< 34.77
714.5				21.10	18.71	< 34.77
700.5	3	1	14	21.34	18.95	< 34.77
707.5				21.26	18.87	< 34.77
714.5				21.21	18.82	< 34.77
700.5	3	15	0	20.32	17.93	< 34.77
707.5				20.35	17.96	< 34.77
714.5				20.21	17.82	< 34.77
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
64QAM						
701.5	5	1	0	21.51	19.12	< 34.77
707.5				21.22	18.83	< 34.77
713.5				21.22	18.83	< 34.77
701.5	5	1	12	21.36	18.97	< 34.77
707.5				21.58	19.19	< 34.77
713.5				21.35	18.96	< 34.77
701.5	5	1	24	21.24	18.85	< 34.77
707.5				21.26	18.87	< 34.77
713.5				21.34	18.95	< 34.77
701.5	5	25	0	20.25	17.86	< 34.77
707.5				20.21	17.82	< 34.77
713.5				20.34	17.95	< 34.77
704.0	10	1	0	21.24	18.85	< 34.77
707.5				21.35	18.96	< 34.77
711.0				21.27	18.88	< 34.77
704.0	10	1	24	21.52	19.13	< 34.77
707.5				21.29	18.90	< 34.77
711.0				21.33	18.94	< 34.77
704.0	10	1	49	21.25	18.86	< 34.77
707.5				21.23	18.84	< 34.77
711.0				21.07	18.68	< 34.77
704.0	10	50	0	20.48	18.09	< 34.77
707.5				20.22	17.83	< 34.77
711.0				20.27	17.88	< 34.77
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/09/14 ~ 2022/09/22	Test Band	LTE Band 13

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
QPSK						
779.5	5	1	0	22.88	20.30	< 34.77
782.0				22.92	20.34	< 34.77
784.5				22.82	20.24	< 34.77
779.5	5	1	12	22.99	20.41	< 34.77
782.0				23.01	20.43	< 34.77
784.5				22.98	20.40	< 34.77
779.5	5	1	24	22.84	20.26	< 34.77
782.0				22.82	20.24	< 34.77
784.5				22.74	20.16	< 34.77
779.5	5	25	0	22.01	19.43	< 34.77
782.0				21.98	19.40	< 34.77
784.5				21.92	19.34	< 34.77
782.0	10	1	0	23.00	20.42	< 34.77
782.0		1	24	23.06	20.48	< 34.77
782.0		1	49	22.86	20.28	< 34.77
782.0		50	0	22.14	19.56	< 34.77
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
16QAM						
779.5	5	1	0	22.20	19.62	< 34.77
782.0				21.82	19.24	< 34.77
784.5				21.98	19.40	< 34.77
779.5	5	1	12	22.34	19.76	< 34.77
782.0				21.89	19.31	< 34.77
784.5				22.05	19.47	< 34.77
779.5	5	1	24	22.17	19.59	< 34.77
782.0				21.95	19.37	< 34.77
784.5				21.63	19.05	< 34.77
779.5	5	25	0	21.16	18.58	< 34.77
782.0				21.11	18.53	< 34.77
784.5				21.02	18.44	< 34.77
782.0	10	1	0	22.56	19.98	< 34.77
782.0		1	24	22.71	20.13	< 34.77
782.0		1	49	22.41	19.83	< 34.77
782.0		50	0	21.25	18.67	< 34.77
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
64QAM						
779.5	5	1	0	21.20	18.62	< 34.77
782.0				21.47	18.89	< 34.77
784.5				21.33	18.75	< 34.77
779.5	5	1	12	21.31	18.73	< 34.77
782.0				21.52	18.94	< 34.77
784.5				21.41	18.83	< 34.77
779.5	5	1	24	21.13	18.55	< 34.77
782.0				21.26	18.68	< 34.77
784.5				21.31	18.73	< 34.77
779.5	5	25	0	20.42	17.84	< 34.77
782.0				20.29	17.71	< 34.77
784.5				20.15	17.57	< 34.77
782.0	10	1	0	21.31	18.73	< 34.77
782.0		1	24	21.46	18.88	< 34.77
782.0		1	49	21.22	18.64	< 34.77
782.0		50	0	20.45	17.87	< 34.77
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/09/14 ~ 2022/09/22	Test Band	LTE Band 17

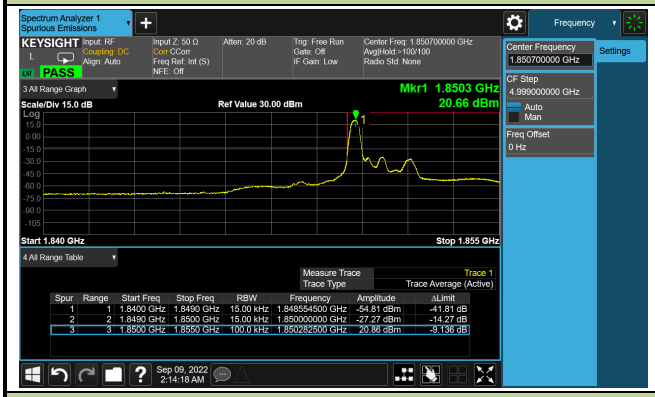
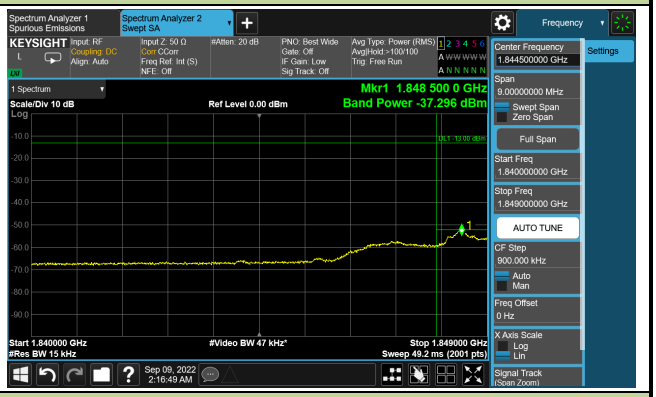
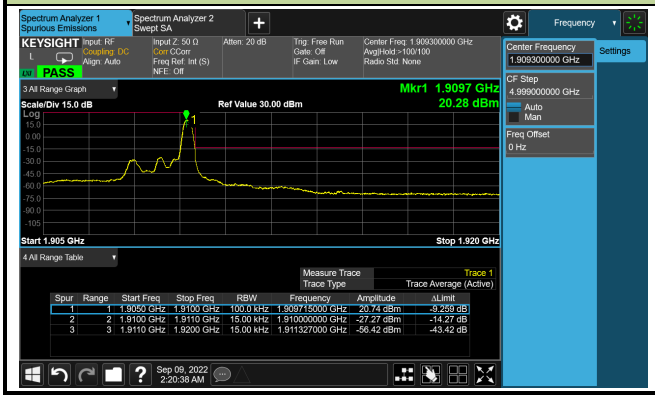
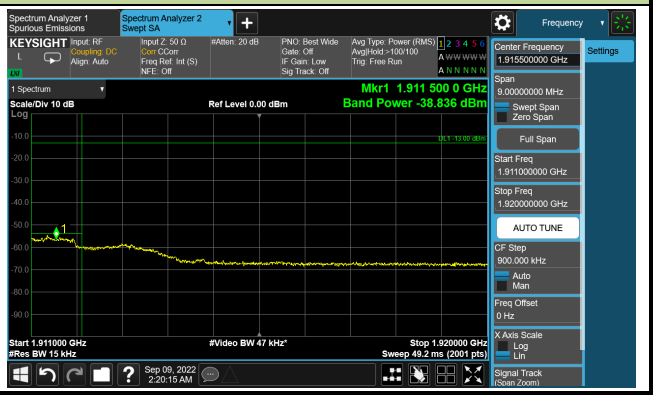
Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
QPSK						
706.5	5	1	0	23.03	20.64	< 34.77
710.0				23.01	20.62	< 34.77
713.5				22.95	20.56	< 34.77
706.5	5	1	12	23.14	20.75	< 34.77
710.0				23.05	20.66	< 34.77
713.5				23.02	20.63	< 34.77
706.5	5	1	24	22.98	20.59	< 34.77
710.0				22.88	20.49	< 34.77
713.5				22.92	20.53	< 34.77
706.5	5	25	0	22.18	19.79	< 34.77
710.0				22.11	19.72	< 34.77
713.5				22.11	19.72	< 34.77
709.0	10	1	0	23.05	20.66	< 34.77
710.0				23.01	20.62	< 34.77
711.0				23.06	20.67	< 34.77
709.0	10	1	24	23.21	20.82	< 34.77
710.0				23.12	20.73	< 34.77
711.0				23.16	20.77	< 34.77
709.0	10	1	49	22.95	20.56	< 34.77
710.0				22.96	20.57	< 34.77
711.0				22.96	20.57	< 34.77
709.0	10	50	0	22.09	19.70	< 34.77
710.0				22.07	19.68	< 34.77
711.0				22.11	19.72	< 34.77
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

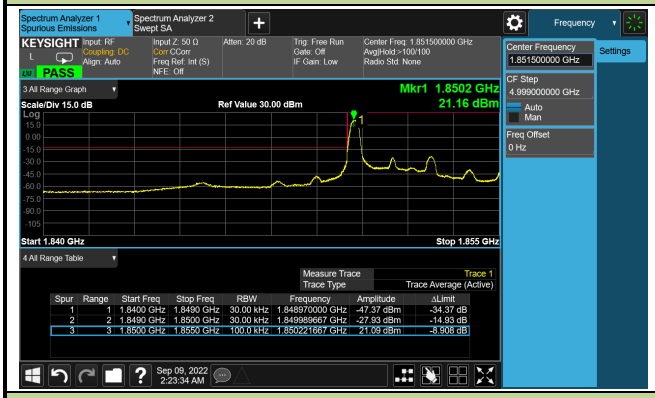
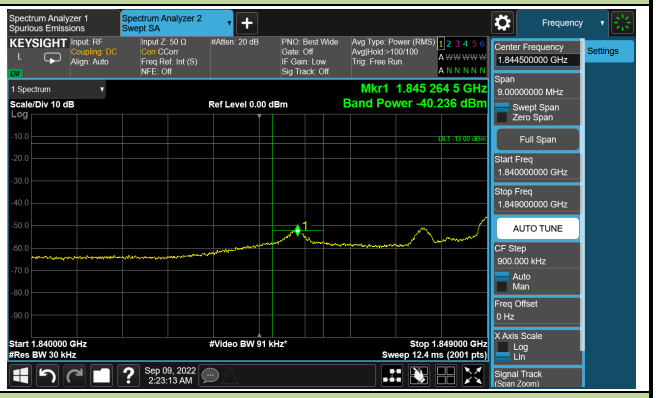
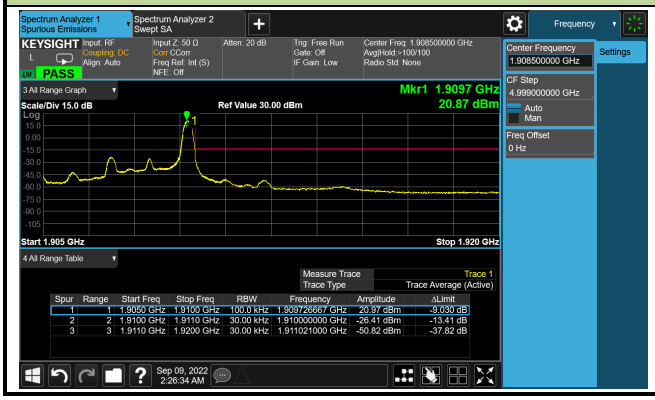
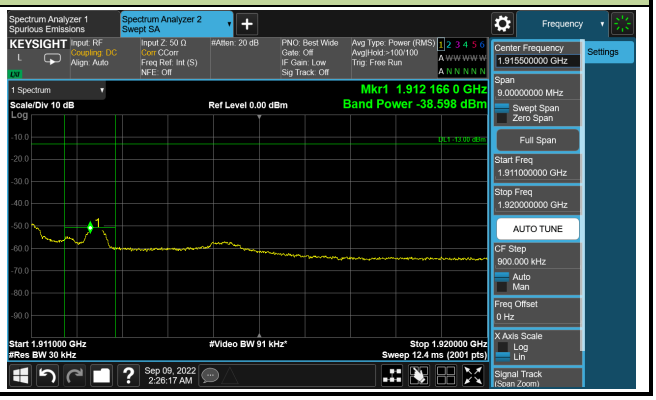
Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
16QAM						
706.5	5	1	0	22.34	19.95	< 34.77
710.0				21.96	19.57	< 34.77
713.5				22.06	19.67	< 34.77
706.5	5	1	12	22.44	20.05	< 34.77
710.0				22.23	19.84	< 34.77
713.5				22.00	19.61	< 34.77
706.5	5	1	24	22.15	19.76	< 34.77
710.0				22.23	19.84	< 34.77
713.5				21.88	19.49	< 34.77
706.5	5	25	0	21.18	18.79	< 34.77
710.0				21.15	18.76	< 34.77
713.5				21.14	18.75	< 34.77
709.0	10	1	0	22.33	19.94	< 34.77
710.0				22.64	20.25	< 34.77
711.0				22.16	19.77	< 34.77
709.0	10	1	24	22.45	20.06	< 34.77
710.0				22.73	20.34	< 34.77
711.0				22.27	19.88	< 34.77
709.0	10	1	49	22.20	19.81	< 34.77
710.0				22.03	19.64	< 34.77
711.0				22.55	20.16	< 34.77
709.0	10	50	0	21.07	18.68	< 34.77
710.0				21.08	18.69	< 34.77
711.0				21.14	18.75	< 34.77
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

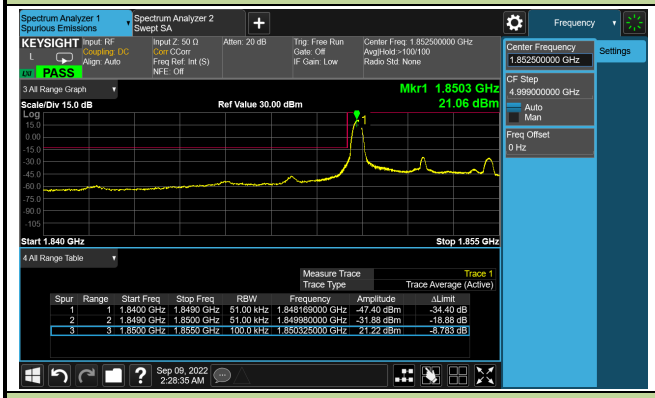
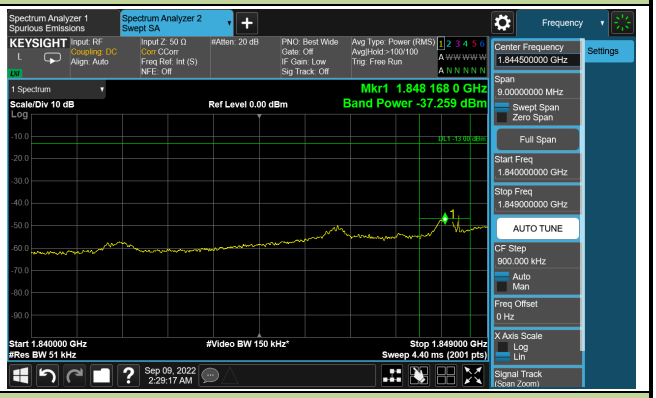
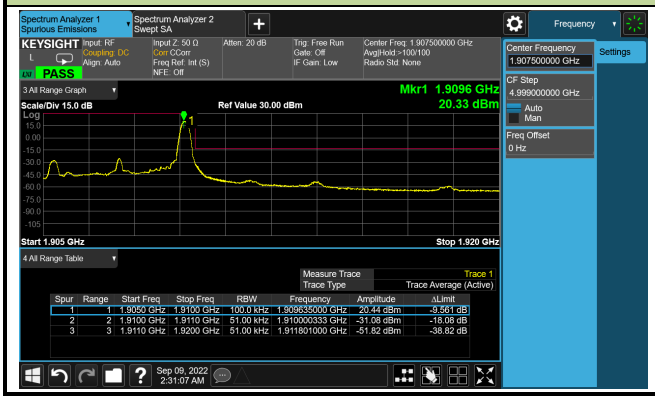
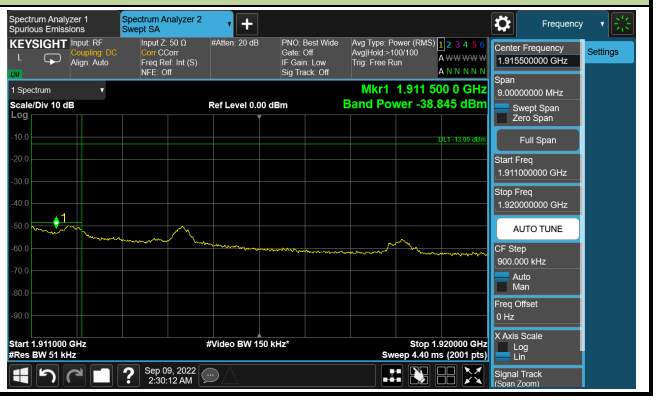
Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	ERP (dBm)	Limit (dBm)
64QAM						
706.5	5	1	0	21.24	18.85	< 34.77
710.0				21.44	19.05	< 34.77
713.5				21.29	18.90	< 34.77
706.5	5	1	12	21.36	18.97	< 34.77
710.0				21.40	19.01	< 34.77
713.5				21.48	19.09	< 34.77
706.5	5	1	24	21.34	18.95	< 34.77
710.0				21.13	18.74	< 34.77
713.5				21.36	18.97	< 34.77
706.5	5	25	0	20.25	17.86	< 34.77
710.0				20.21	17.82	< 34.77
713.5				20.31	17.92	< 34.77
709.0	10	1	0	21.31	18.92	< 34.77
710.0				21.33	18.94	< 34.77
711.0				21.16	18.77	< 34.77
709.0	10	1	24	21.39	19.00	< 34.77
710.0				21.33	18.94	< 34.77
711.0				21.51	19.12	< 34.77
709.0	10	1	49	21.04	18.65	< 34.77
710.0				21.25	18.86	< 34.77
711.0				21.26	18.87	< 34.77
709.0	10	50	0	20.17	17.78	< 34.77
710.0				20.21	17.82	< 34.77
711.0				20.24	17.85	< 34.77
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

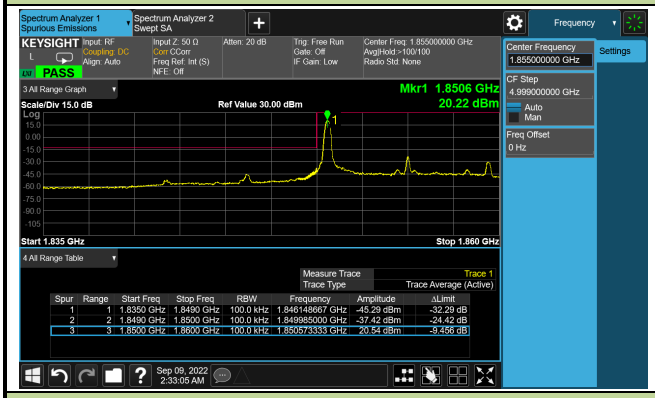
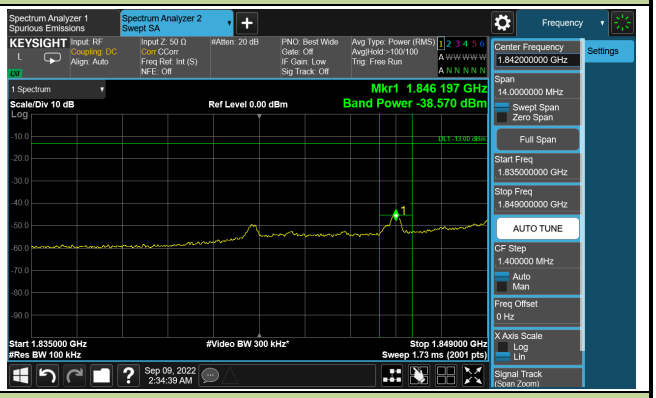
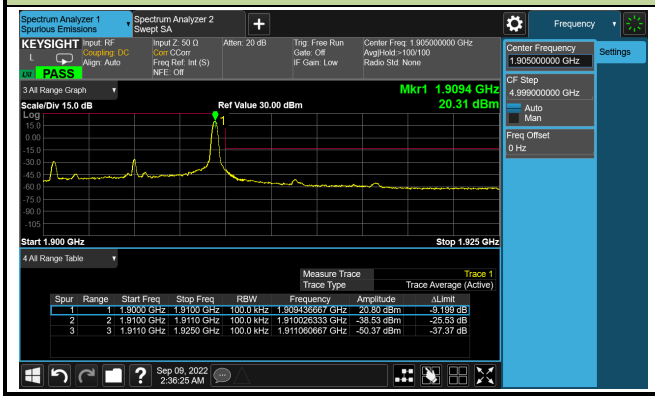
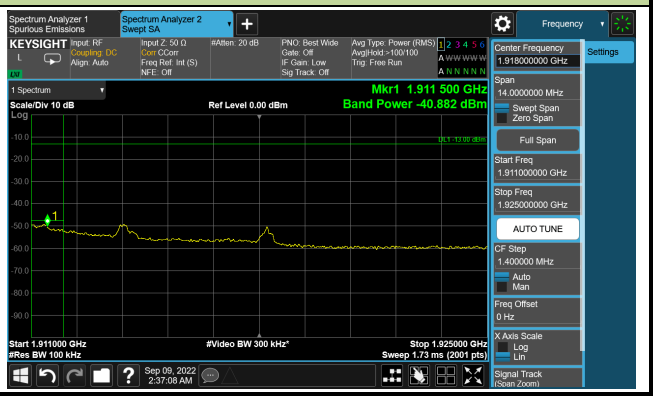
A.4 Band Edge Test Result

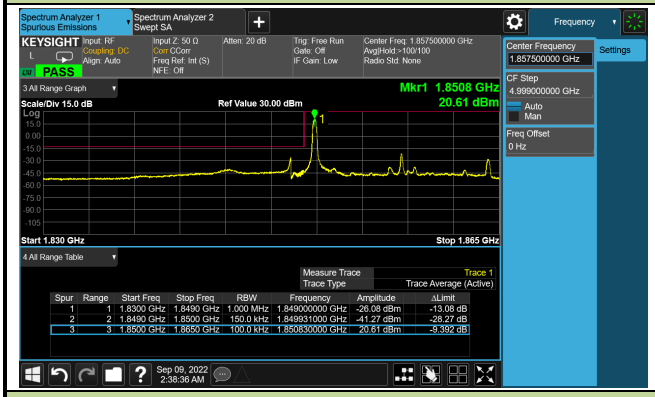
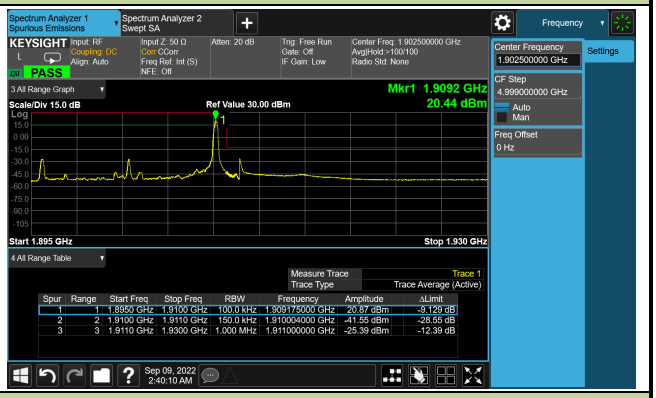
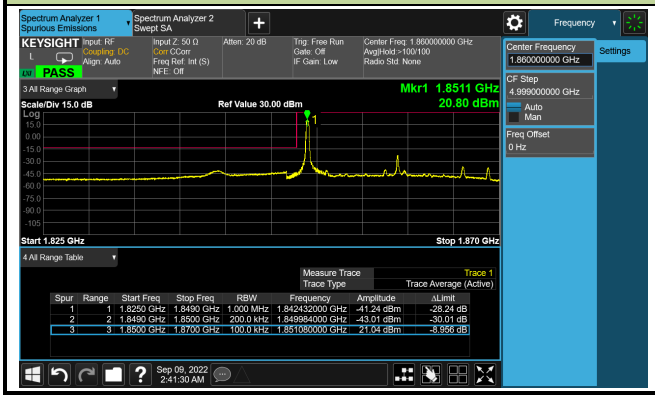
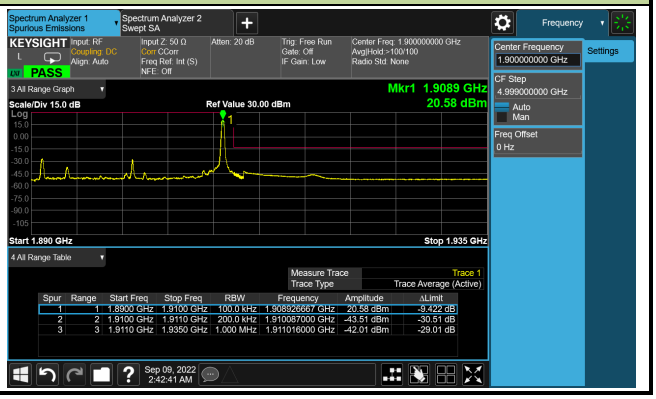
Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/09/09	Test Band	LTE Band 2/25

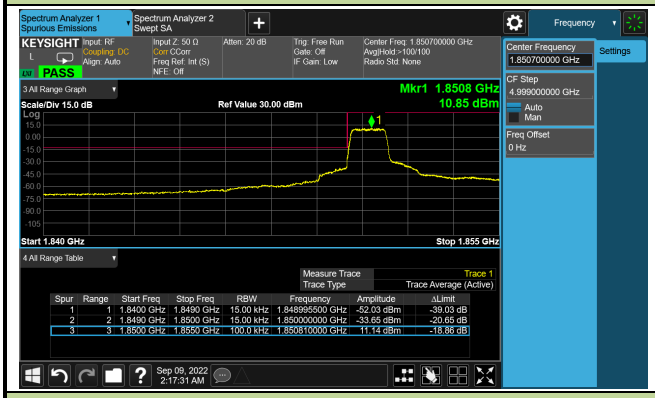
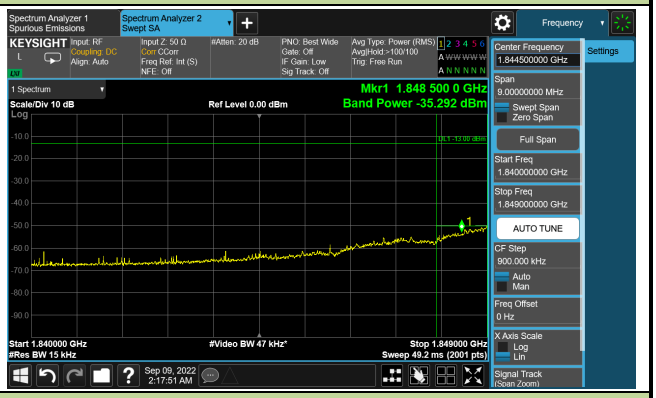
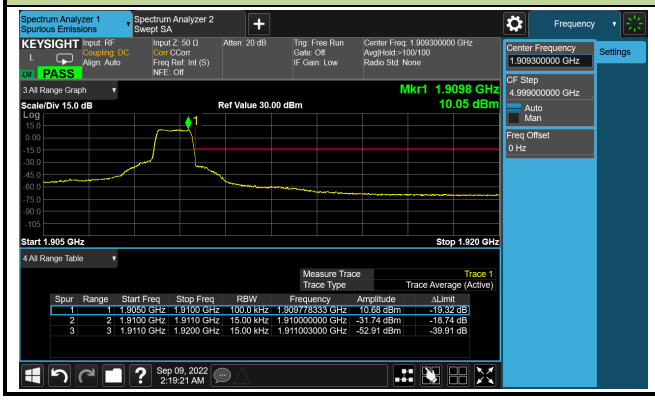
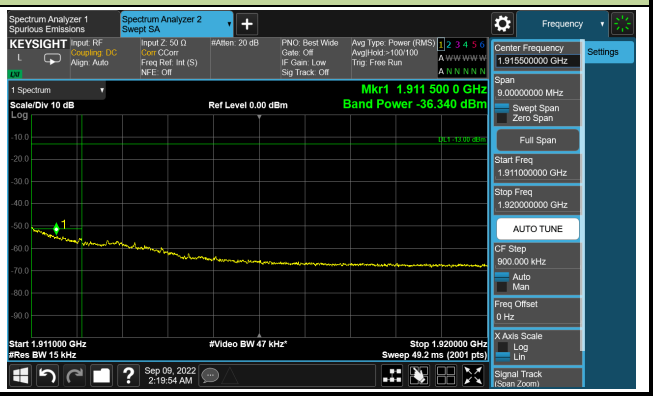
1.4MHz Channel Bandwidth - 1RB	
Lower Band Edge	Lower Extended Band Edge
	
Upper Band Edge	Upper Extended Band Edge
	

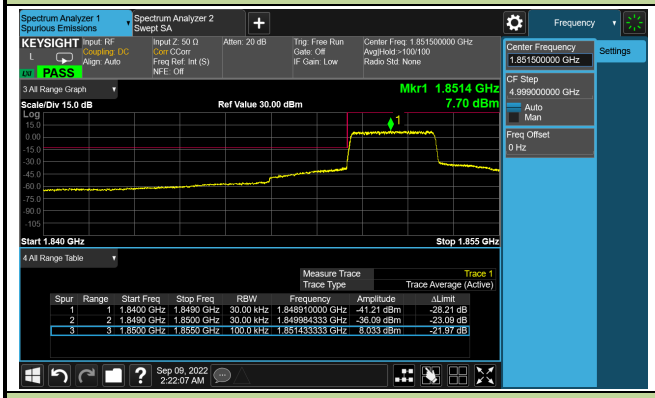
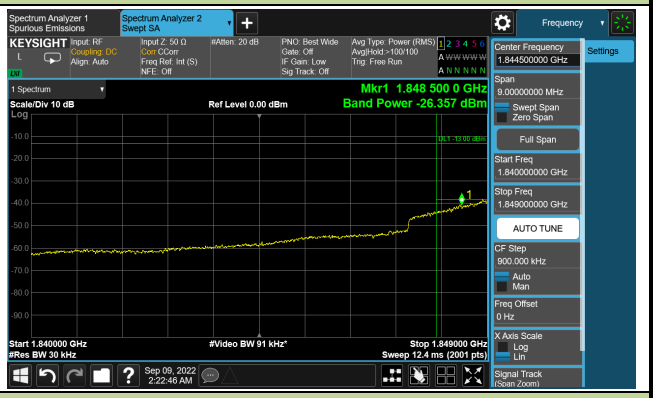
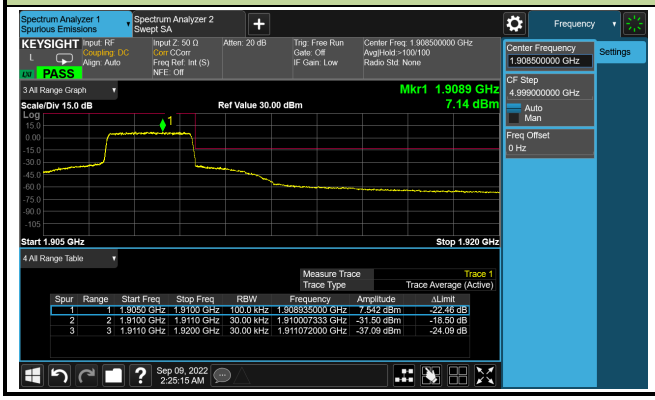
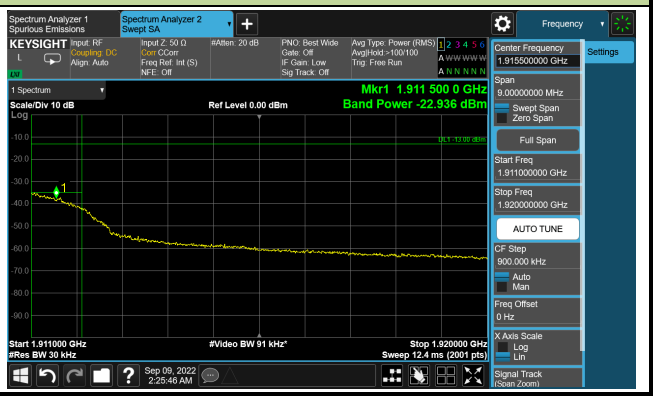
3MHz Channel Bandwidth - 1RB	
Lower Band Edge	Lower Extended Band Edge
	
Upper Band Edge	Upper Extended Band Edge
	

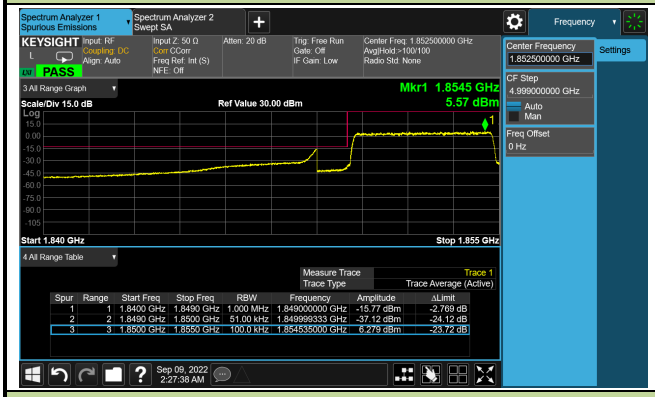
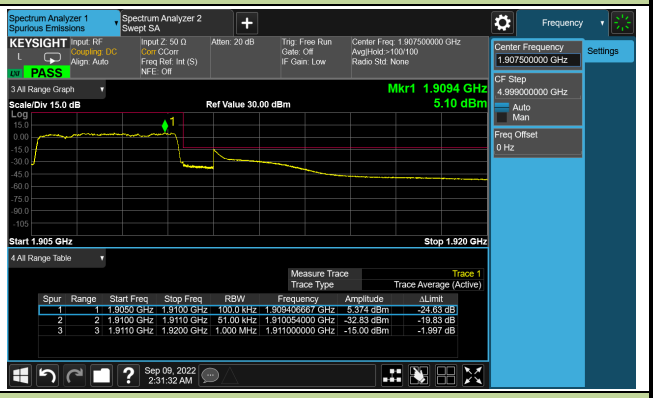
5MHz Channel Bandwidth - 1RB	
Lower Band Edge	Lower Extended Band Edge
	
Upper Band Edge	Upper Extended Band Edge
	

10MHz Channel Bandwidth - 1RB	
Lower Band Edge	Lower Extended Band Edge
	
Upper Band Edge	Upper Extended Band Edge
	

15MHz Channel Bandwidth - 1RB	
Lower Band Edge	Upper Band Edge
	
20MHz Channel Bandwidth - 1RB	
Lower Band Edge	Upper Band Edge
	

1.4MHz Channel Bandwidth - Full RB	
Lower Band Edge	Lower Extended Band Edge
	
Upper Band Edge	Upper Extended Band Edge
	

3MHz Channel Bandwidth - Full RB	
Lower Band Edge	Lower Extended Band Edge
	
Upper Band Edge	Upper Extended Band Edge
	

5MHz Channel Bandwidth - Full RB	
Lower Band Edge	Upper Band Edge
	
10MHz Channel Bandwidth - Full RB	
Lower Band Edge	Upper Band Edge