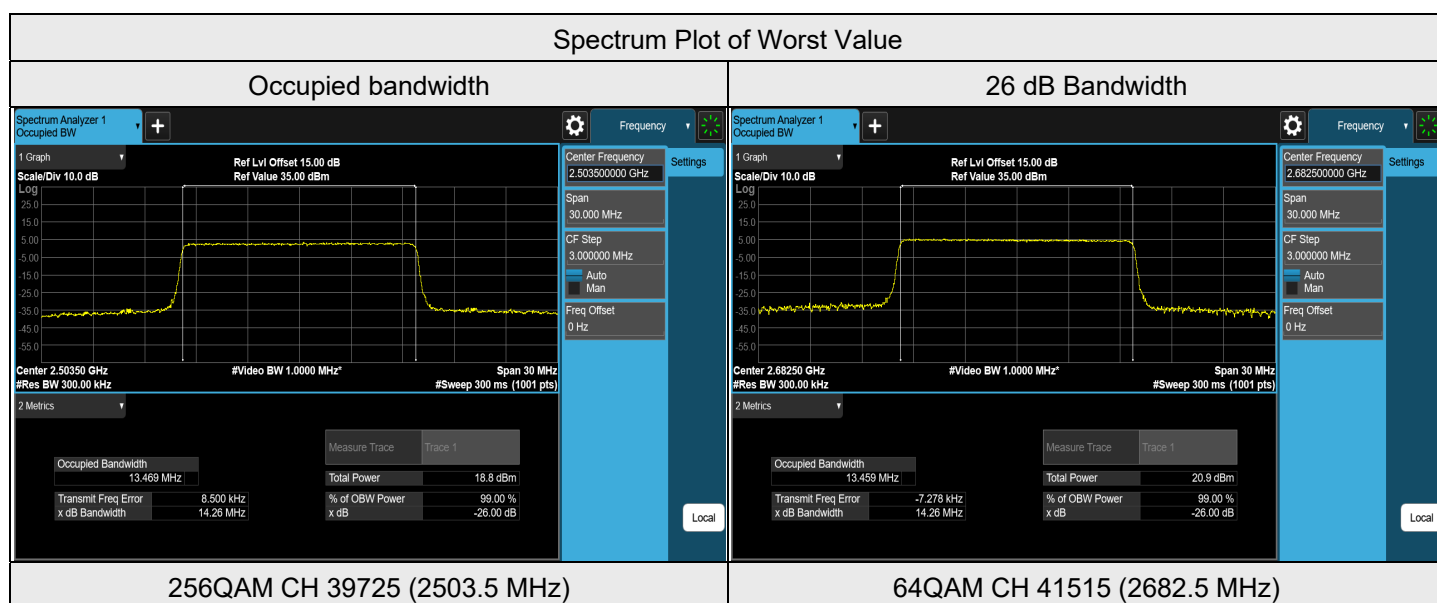


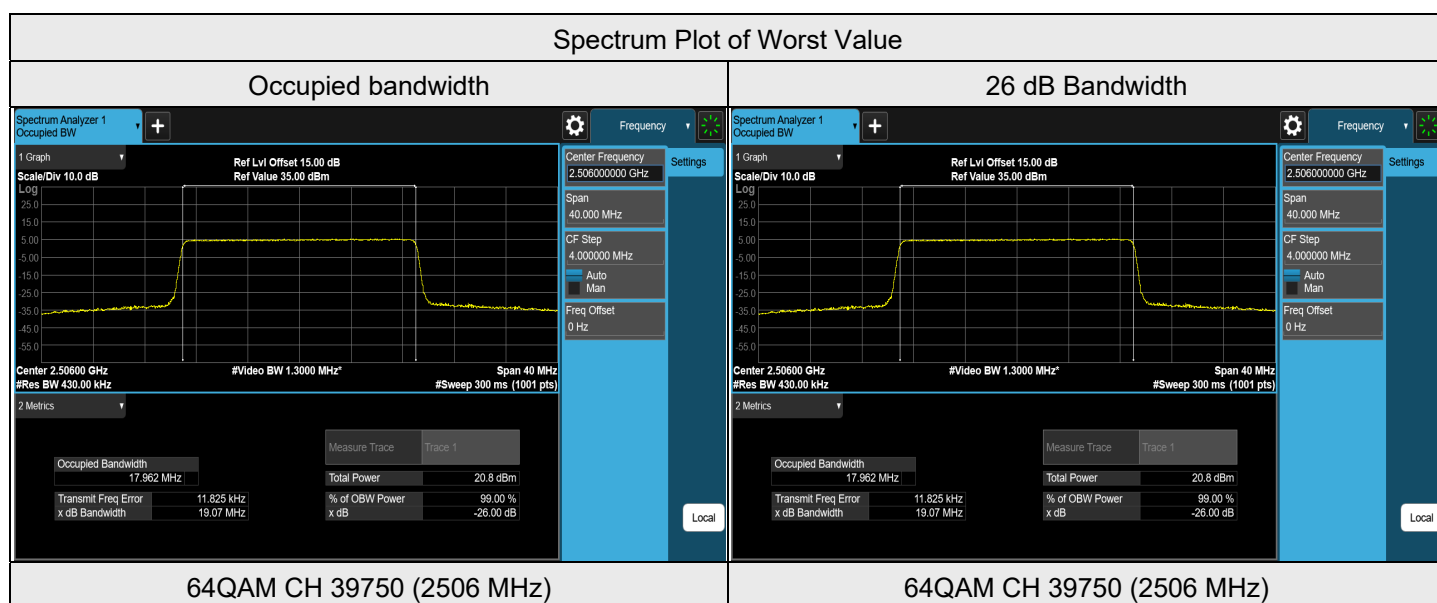
LTE Band 41, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	39725	2503.5	13.4560	14.252
QPSK	40620	2593	13.4609	14.256
QPSK	41515	2682.5	13.4675	14.241
16QAM	39725	2503.5	13.4513	14.229
16QAM	40620	2593	13.4570	14.258
16QAM	41515	2682.5	13.4570	14.238
64QAM	39725	2503.5	13.4506	14.244
64QAM	40620	2593	13.4540	14.251
64QAM	41515	2682.5	13.4594	14.259
256QAM	39725	2503.5	13.4692	14.256
256QAM	40620	2593	13.4532	14.255
256QAM	41515	2682.5	13.4522	14.203



LTE Band 41, Channel Bandwidth: 20 MHz

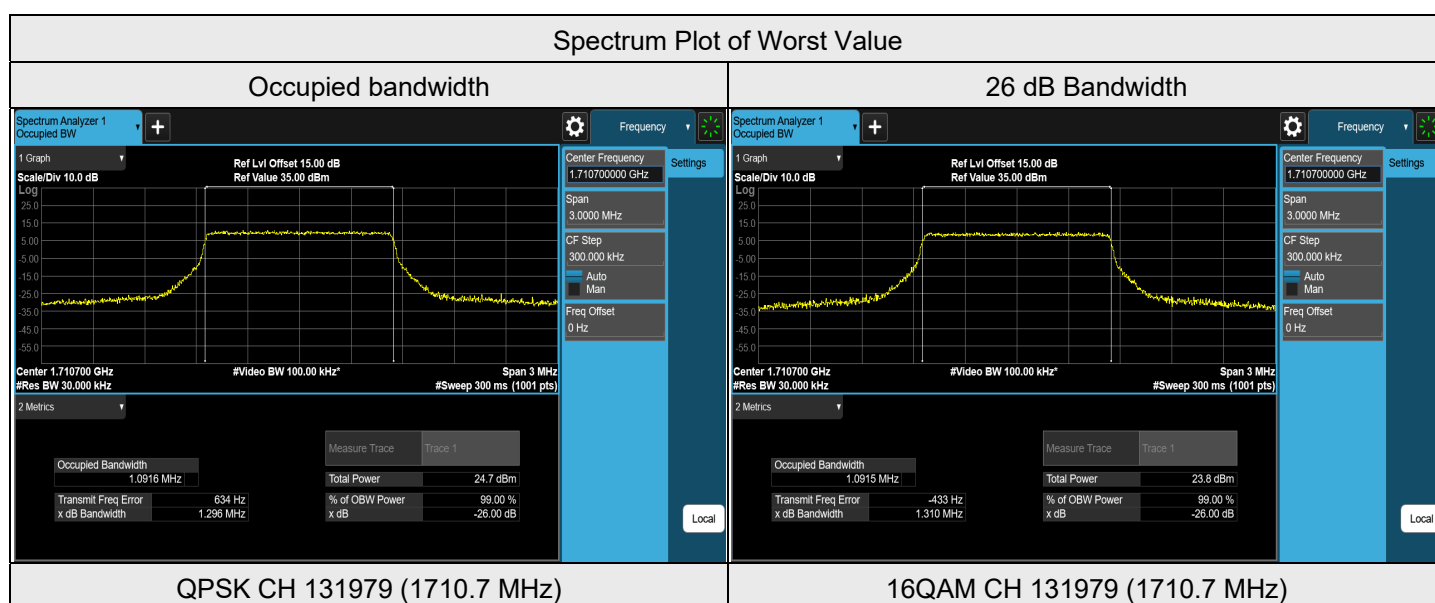
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	39750	2506	17.9455	19.033
QPSK	40620	2593	17.9615	19.045
QPSK	41490	2680	17.9510	19.065
16QAM	39750	2506	17.9515	19.043
16QAM	40620	2593	17.9512	19.054
16QAM	41490	2680	17.9494	19.040
64QAM	39750	2506	17.9623	19.070
64QAM	40620	2593	17.9555	19.050
64QAM	41490	2680	17.9494	19.045
256QAM	39750	2506	17.9327	19.015
256QAM	40620	2593	17.9547	19.031
256QAM	41490	2680	17.9463	19.027



7.4.15 LTE Band 66

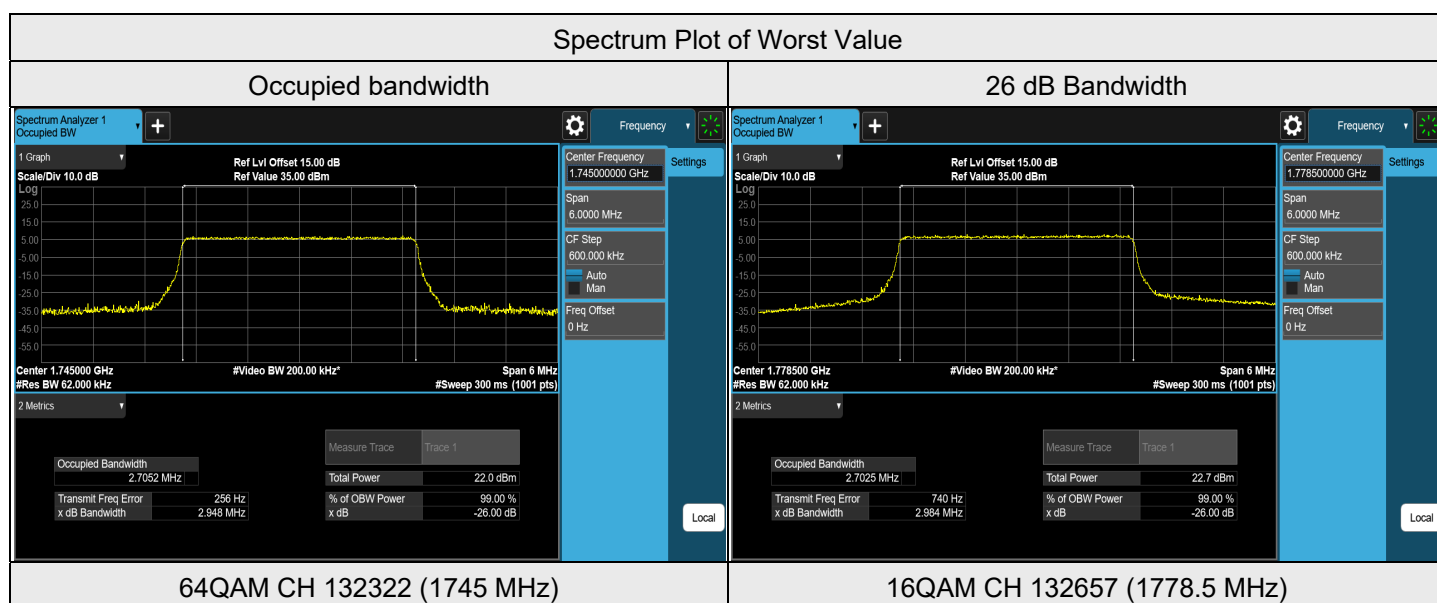
LTE Band 66, Channel Bandwidth: 1.4 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	131979	1710.7	1.0916	1.296
QPSK	132322	1745	1.0905	1.303
QPSK	132665	1779.3	1.0899	1.305
16QAM	131979	1710.7	1.0915	1.310
16QAM	132322	1745	1.0902	1.297
16QAM	132665	1779.3	1.0908	1.291
64QAM	131979	1710.7	1.0893	1.288
64QAM	132322	1745	1.0905	1.292
64QAM	132665	1779.3	1.0905	1.307
256QAM	131979	1710.7	1.0888	1.284
256QAM	132322	1745	1.0907	1.301
256QAM	132665	1779.3	1.0909	1.292



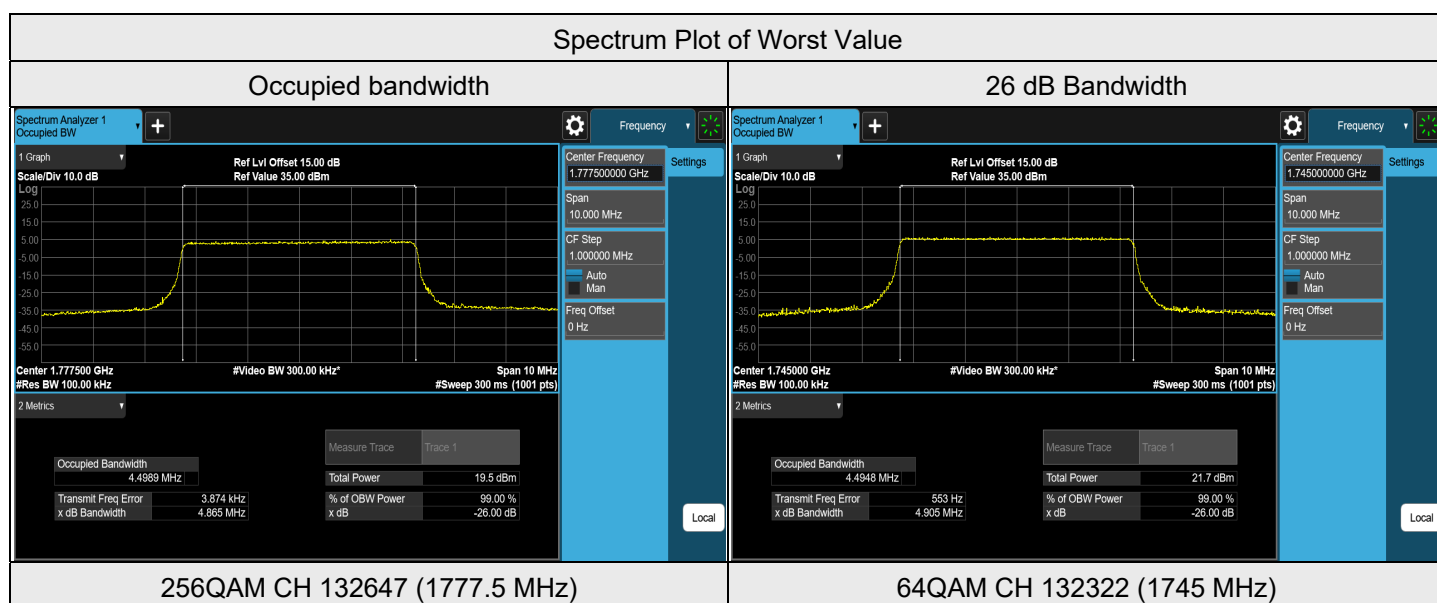
LTE Band 66, Channel Bandwidth: 3 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	131987	1711.5	2.7020	2.964
QPSK	132322	1745	2.7000	2.970
QPSK	132657	1778.5	2.7001	2.952
16QAM	131987	1711.5	2.7046	2.963
16QAM	132322	1745	2.6994	2.955
16QAM	132657	1778.5	2.7025	2.984
64QAM	131987	1711.5	2.7001	2.979
64QAM	132322	1745	2.7052	2.948
64QAM	132657	1778.5	2.7022	2.950
256QAM	131987	1711.5	2.7012	2.969
256QAM	132322	1745	2.7024	2.935
256QAM	132657	1778.5	2.7001	2.958



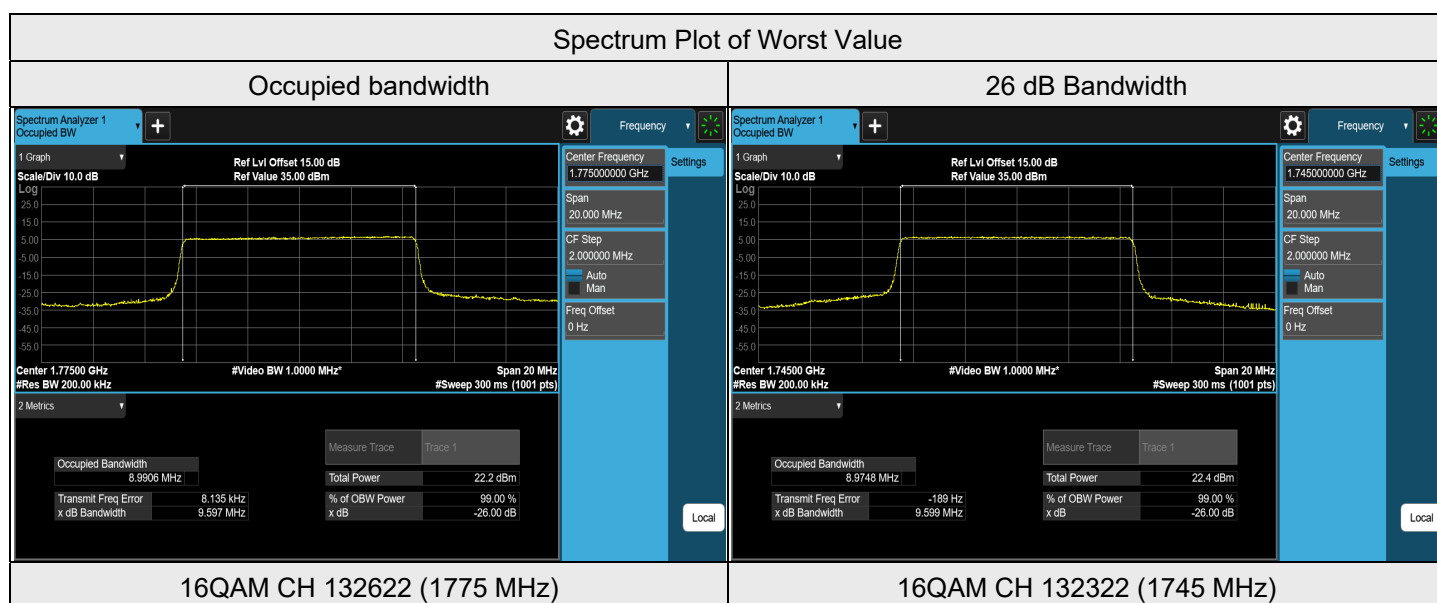
LTE Band 66, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	131997	1712.5	4.4937	4.881
QPSK	132322	1745	4.4923	4.873
QPSK	132647	1777.5	4.4930	4.872
16QAM	131997	1712.5	4.4962	4.895
16QAM	132322	1745	4.4967	4.894
16QAM	132647	1777.5	4.4953	4.887
64QAM	131997	1712.5	4.4911	4.884
64QAM	132322	1745	4.4948	4.905
64QAM	132647	1777.5	4.4942	4.875
256QAM	131997	1712.5	4.4943	4.871
256QAM	132322	1745	4.4983	4.873
256QAM	132647	1777.5	4.4989	4.865



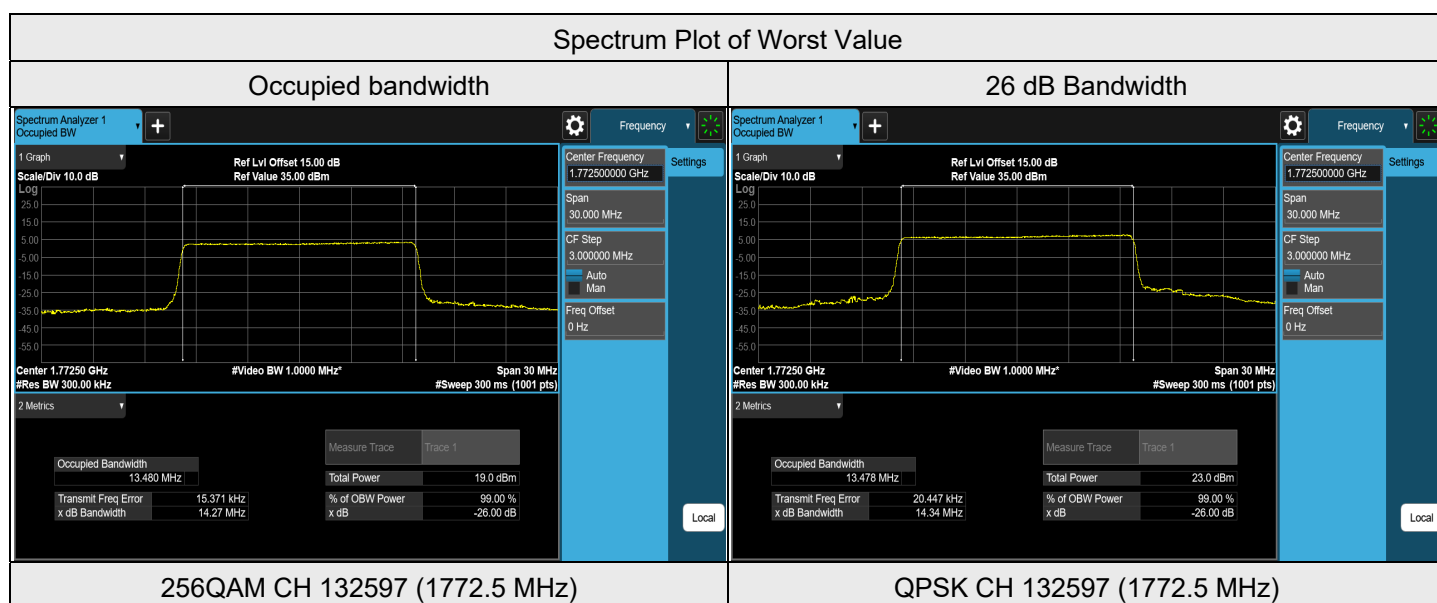
LTE Band 66, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	132022	1715	8.9778	9.569
QPSK	132322	1745	8.9784	9.554
QPSK	132622	1775	8.9794	9.557
16QAM	132022	1715	8.9758	9.544
16QAM	132322	1745	8.9748	9.599
16QAM	132622	1775	8.9906	9.597
64QAM	132022	1715	8.9791	9.559
64QAM	132322	1745	8.9723	9.554
64QAM	132622	1775	8.9874	9.537
256QAM	132022	1715	8.9799	9.562
256QAM	132322	1745	8.9785	9.542
256QAM	132622	1775	8.9830	9.542



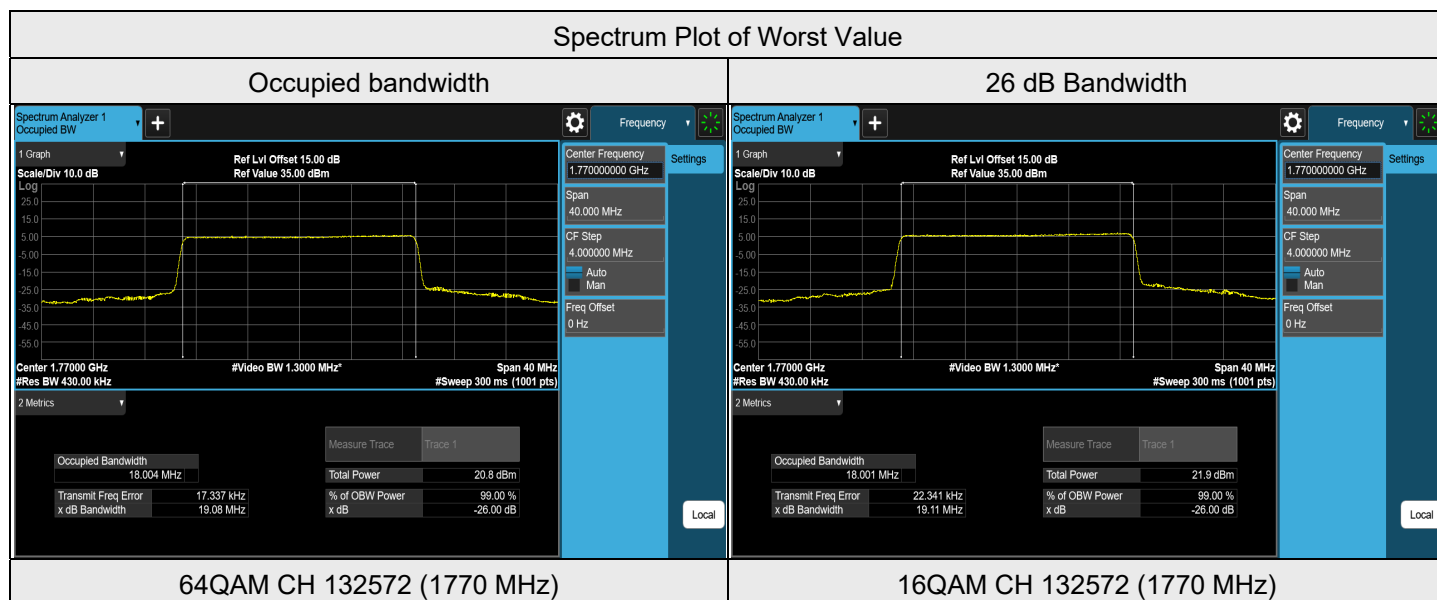
LTE Band 66, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	132047	1717.5	13.4642	14.287
QPSK	132322	1745	13.4566	14.283
QPSK	132597	1772.5	13.4778	14.343
16QAM	132047	1717.5	13.4643	14.283
16QAM	132322	1745	13.4610	14.258
16QAM	132597	1772.5	13.4760	14.279
64QAM	132047	1717.5	13.4666	14.277
64QAM	132322	1745	13.4602	14.283
64QAM	132597	1772.5	13.4781	14.278
256QAM	132047	1717.5	13.4626	14.284
256QAM	132322	1745	13.4459	14.266
256QAM	132597	1772.5	13.4799	14.269



LTE Band 66, Channel Bandwidth: 20 MHz

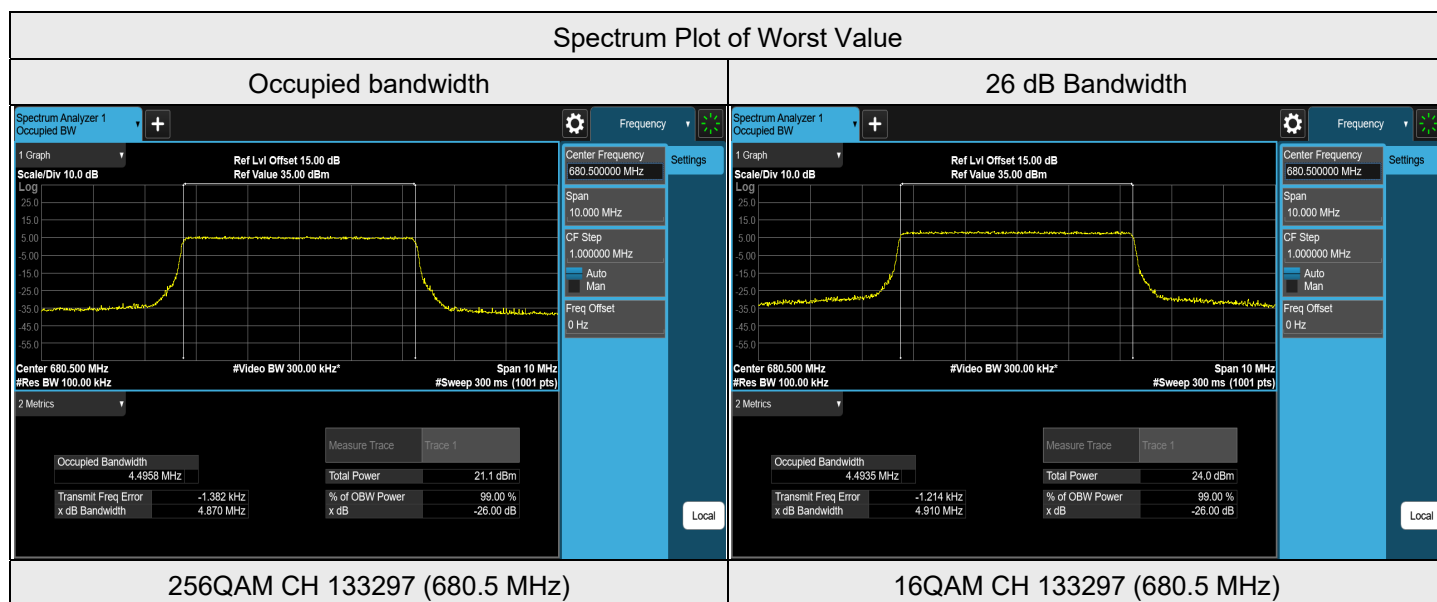
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	132072	1720	17.9682	19.047
QPSK	132322	1745	17.9438	19.106
QPSK	132572	1770	18.0038	19.104
16QAM	132072	1720	17.9745	19.063
16QAM	132322	1745	17.9468	19.085
16QAM	132572	1770	18.0009	19.110
64QAM	132072	1720	17.9657	19.036
64QAM	132322	1745	17.9480	19.054
64QAM	132572	1770	18.0043	19.085
256QAM	132072	1720	17.9612	19.038
256QAM	132322	1745	17.9484	19.062
256QAM	132572	1770	17.9997	19.068



7.4.16 LTE Band 71

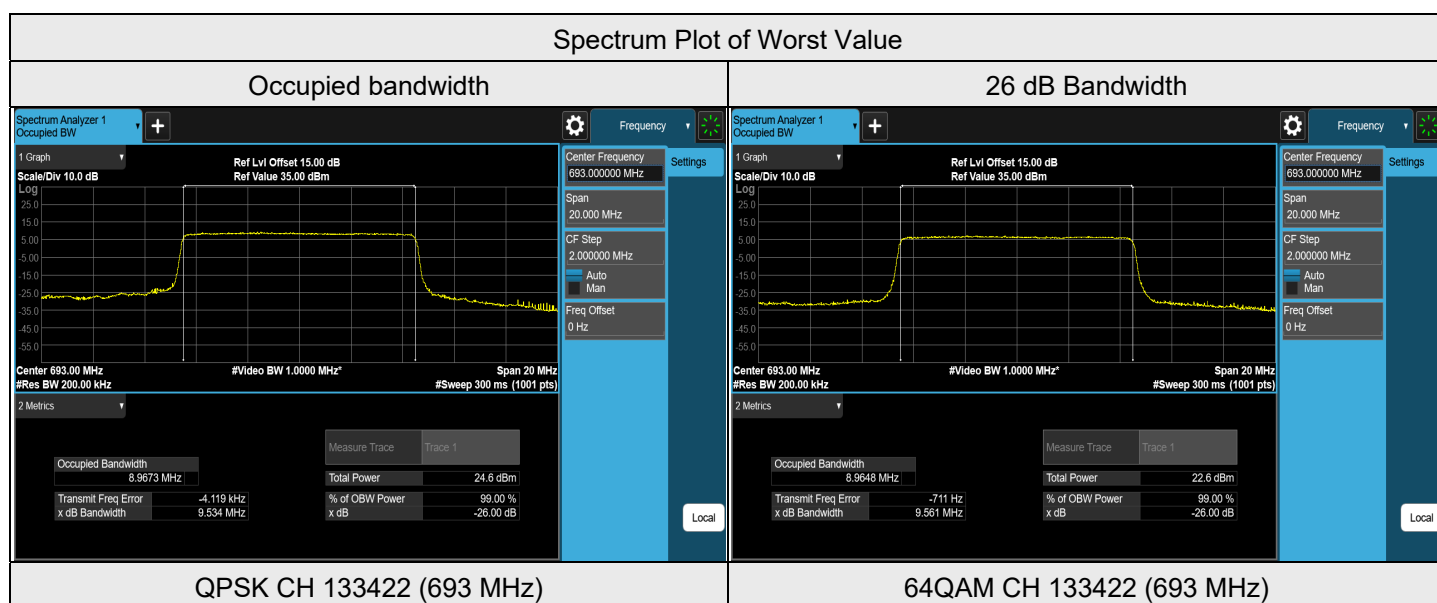
LTE Band 71, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	133147	665.5	4.4928	4.858
QPSK	133297	680.5	4.4948	4.879
QPSK	133447	695.5	4.4945	4.888
16QAM	133147	665.5	4.4901	4.861
16QAM	133297	680.5	4.4935	4.910
16QAM	133447	695.5	4.4940	4.880
64QAM	133147	665.5	4.4955	4.878
64QAM	133297	680.5	4.4902	4.885
64QAM	133447	695.5	4.4892	4.889
256QAM	133147	665.5	4.4885	4.902
256QAM	133297	680.5	4.4958	4.870
256QAM	133447	695.5	4.4920	4.870



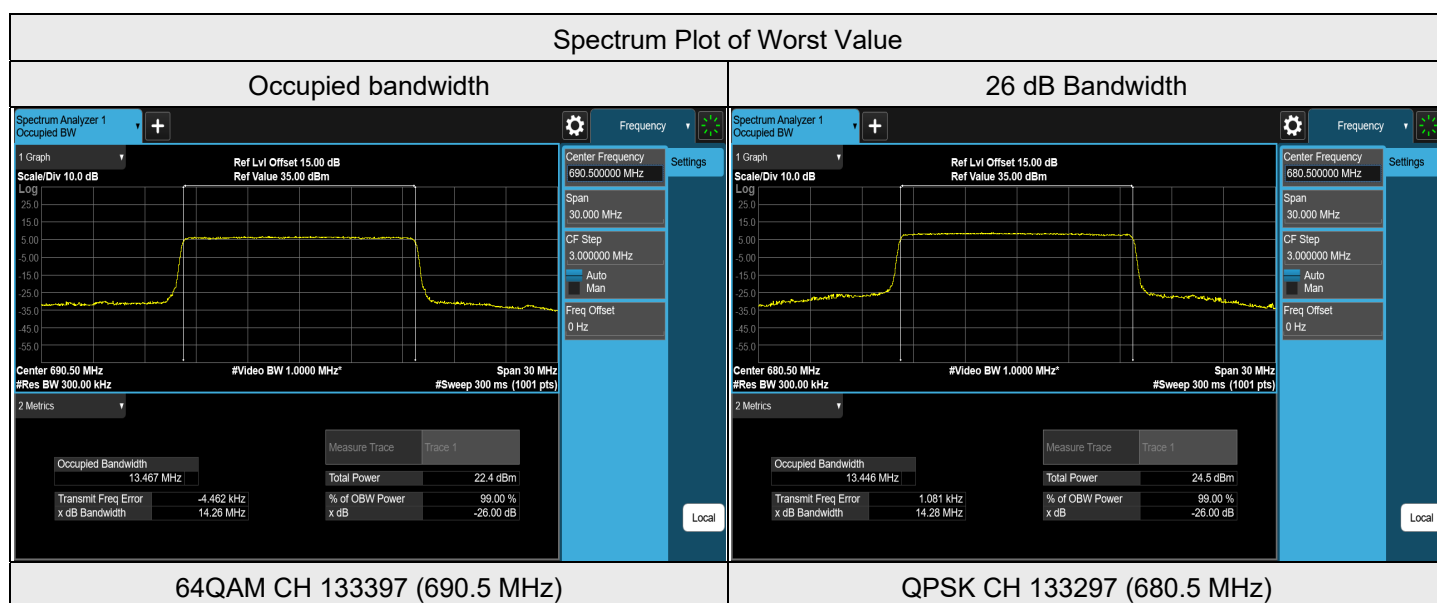
LTE Band 71, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	133172	668	8.9642	9.548
QPSK	133297	680.5	8.9606	9.531
QPSK	133422	693	8.9673	9.534
16QAM	133172	668	8.9553	9.532
16QAM	133297	680.5	8.9587	9.541
16QAM	133422	693	8.9617	9.540
64QAM	133172	668	8.9588	9.525
64QAM	133297	680.5	8.9623	9.510
64QAM	133422	693	8.9648	9.561
256QAM	133172	668	8.9603	9.544
256QAM	133297	680.5	8.9604	9.521
256QAM	133422	693	8.9658	9.518



LTE Band 71, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	133197	670.5	13.4491	14.268
QPSK	133297	680.5	13.4465	14.281
QPSK	133397	690.5	13.4535	14.259
16QAM	133197	670.5	13.4409	14.265
16QAM	133297	680.5	13.4455	14.245
16QAM	133397	690.5	13.4588	14.271
64QAM	133197	670.5	13.4497	14.243
64QAM	133297	680.5	13.4395	14.258
64QAM	133397	690.5	13.4668	14.259
256QAM	133197	670.5	13.4395	14.252
256QAM	133297	680.5	13.4376	14.249
256QAM	133397	690.5	13.4534	14.251



7.5 Conducted Spurious Emissions

Input Power:	3.87 Vdc	Environmental Conditions:	21°C, 70% RH	Tested By:	Willy Cheng
--------------	----------	---------------------------	--------------	------------	-------------

7.5.1 WCDMA Band 2

WCDMA



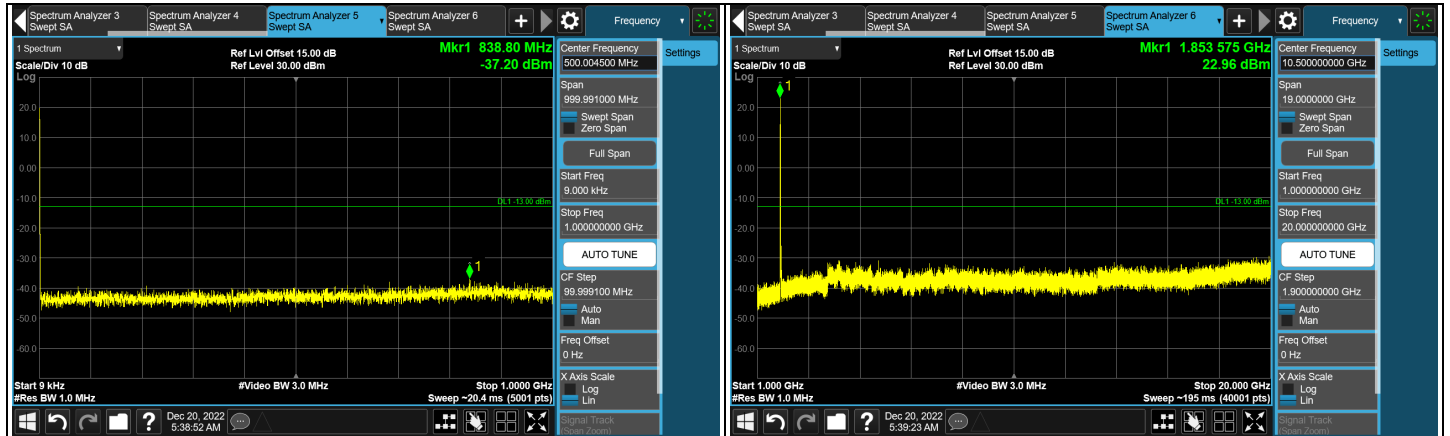


CH 9262 (1852.4 MHz)

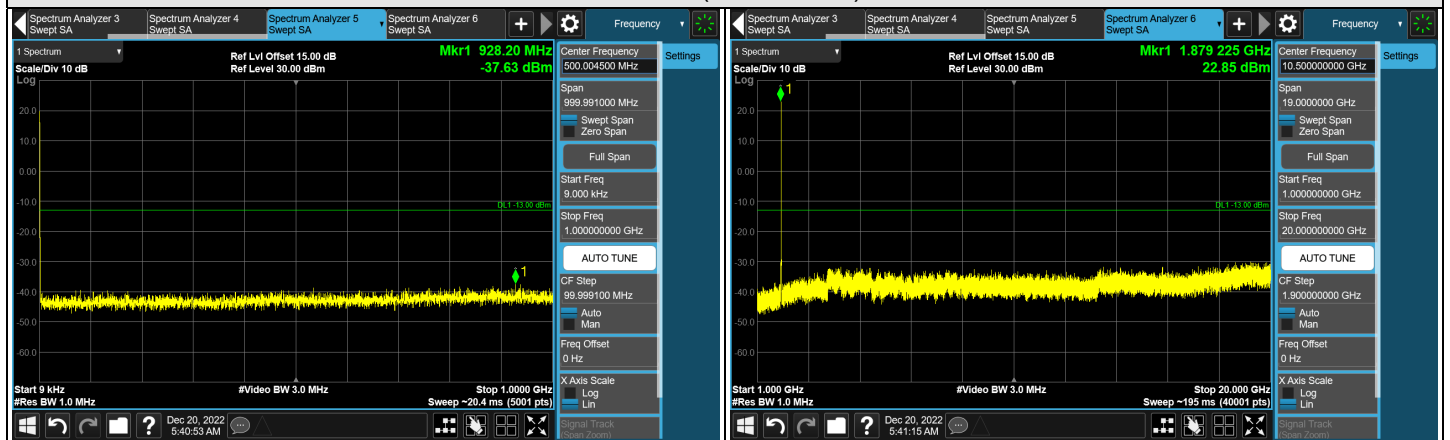


CH 9538 (1907.6 MHz)

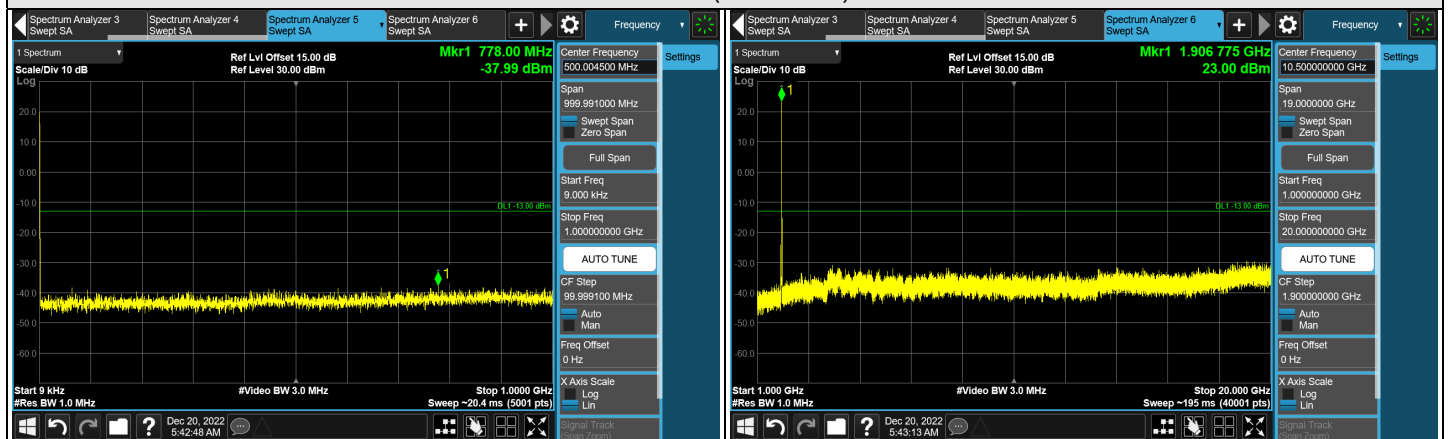
HSDPA



CH 9262 (1852.4 MHz)



CH 9400 (1880 MHz)



CH 9538 (1907.6 MHz)

Note: The signal at 9 kHz is IF signal from spectrum analyzer.



CH 9262 (1852.4 MHz)

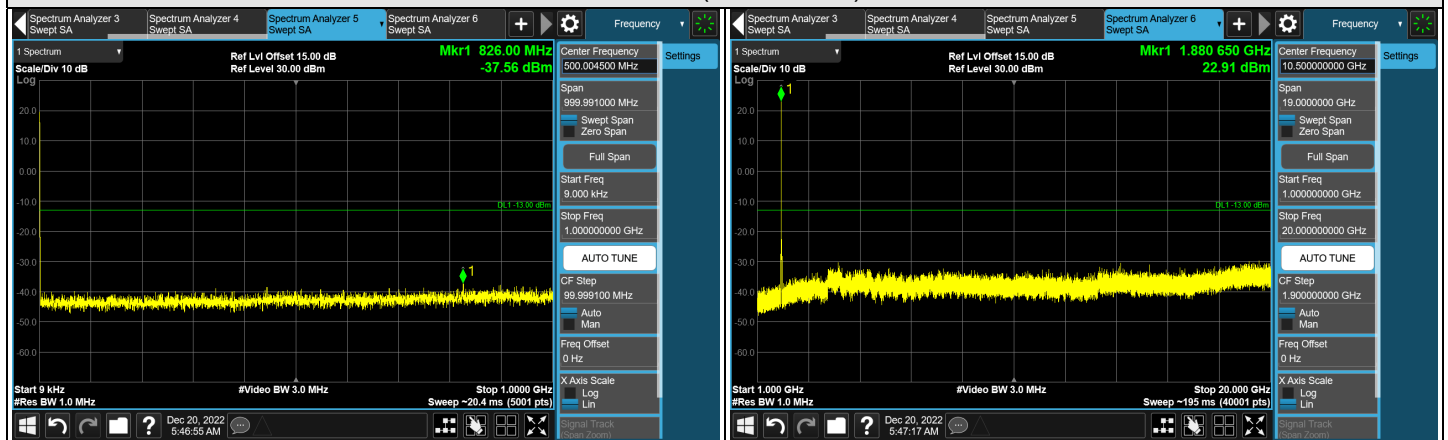


CH 9538 (1907.6 MHz)

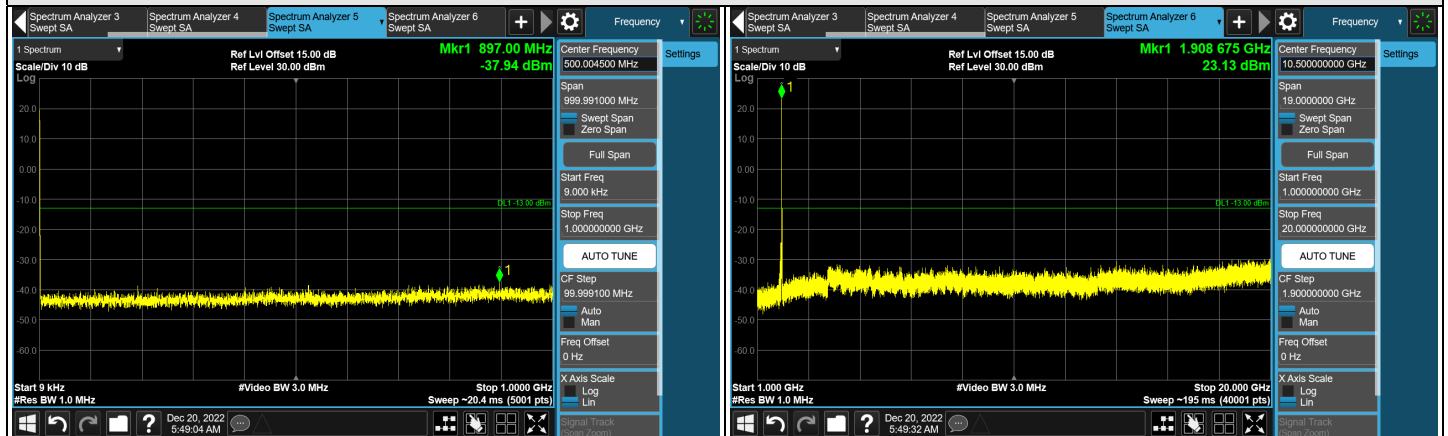
HSUPA



CH 9262 (1852.4 MHz)

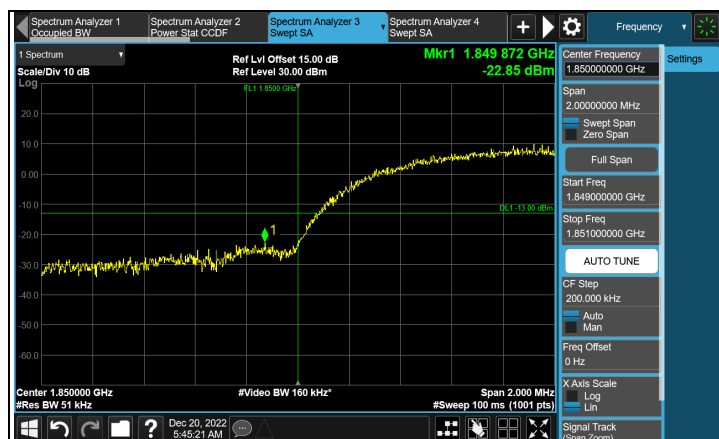


CH 9400 (1880 MHz)



CH 9538 (1907.6 MHz)

Note: The signal at 9 kHz is IF signal from spectrum analyzer.



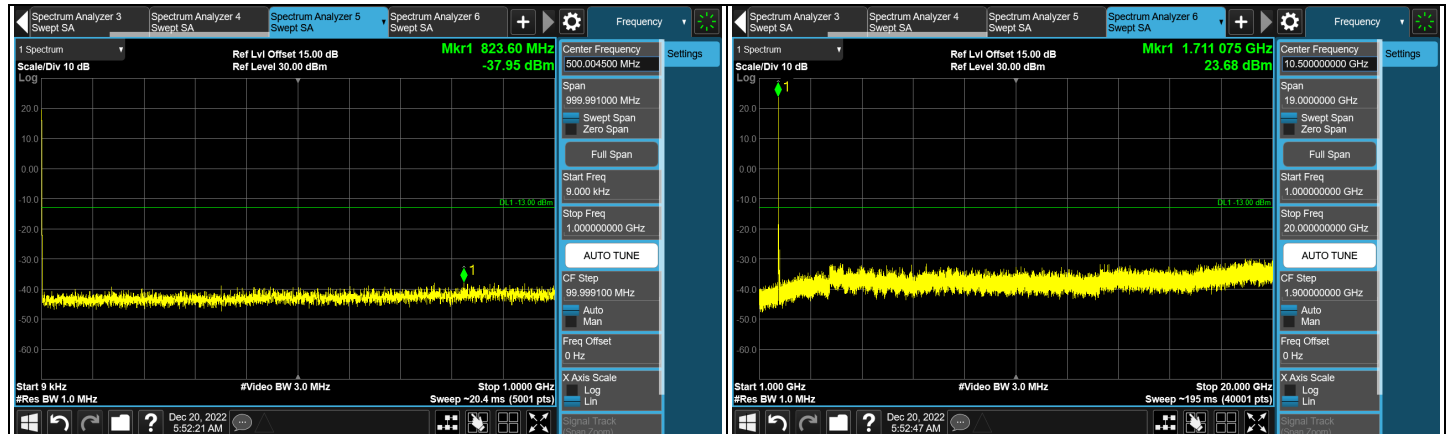
CH 9262 (1852.4 MHz)



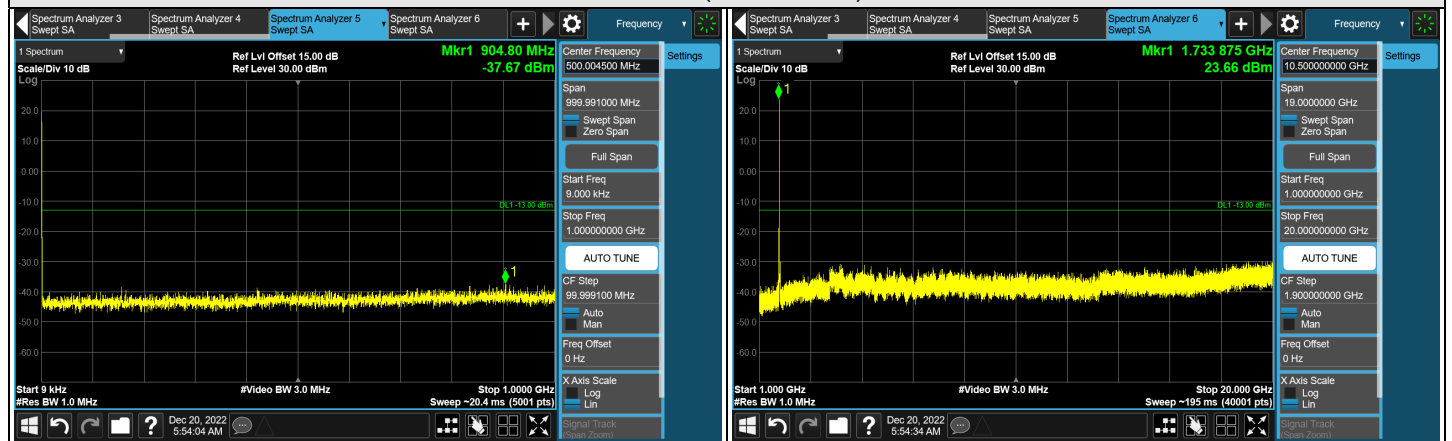
CH 9538 (1907.6 MHz)

7.5.2 WCDMA Band 4

WCDMA



CH 1312 (1712.4 MHz)



CH 1413 (1732.6 MHz)



CH 1513 (1752.6 MHz)

Note: The signal at 9 kHz is IF signal from spectrum analyzer.



CH 1312 (1712.4 MHz)

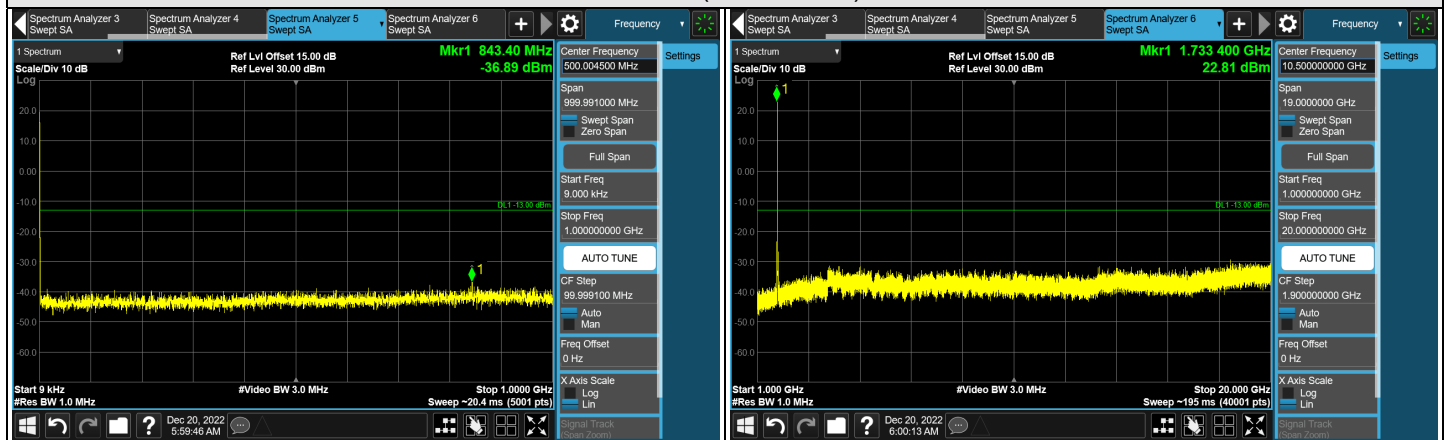


CH 1513 (1752.6 MHz)

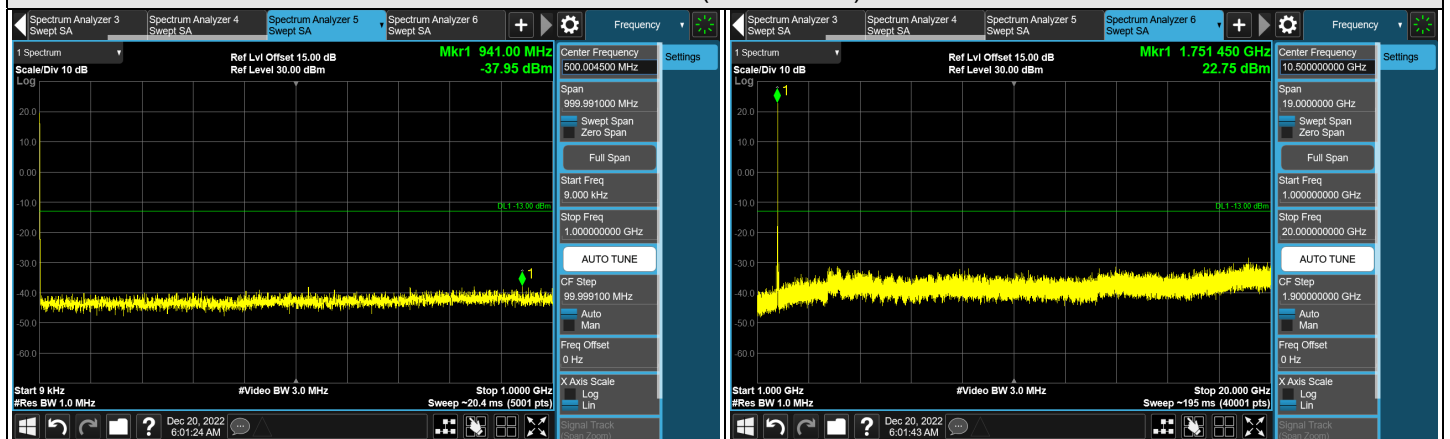
HSDPA



CH 1312 (1712.4 MHz)



CH 1413 (1732.6 MHz)



CH 1513 (1752.6 MHz)

Note: The signal at 9 kHz is IF signal from spectrum analyzer.



CH 1312 (1712.4 MHz)

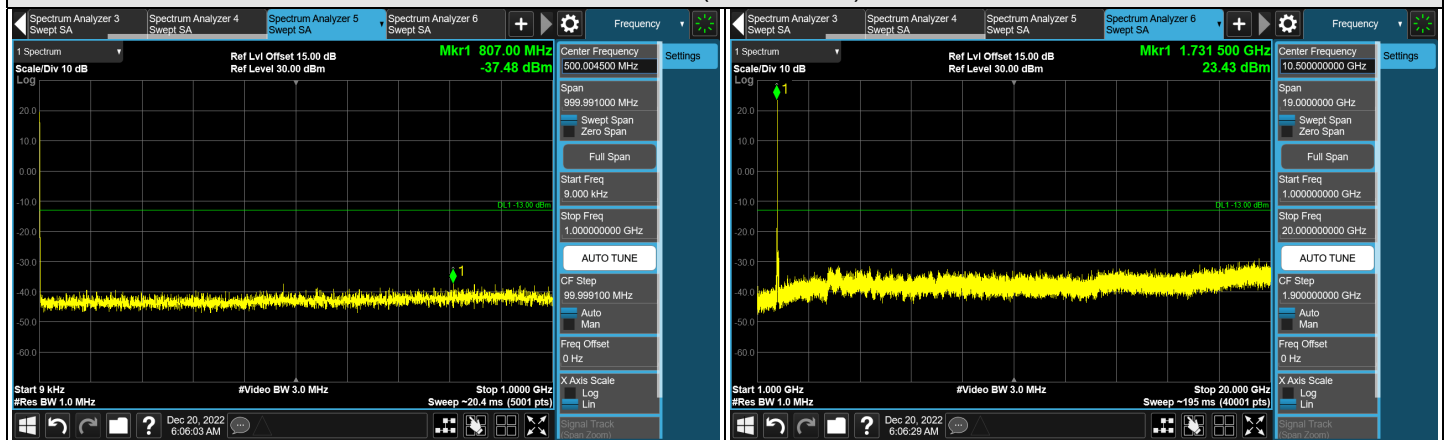


CH 1513 (1752.6 MHz)

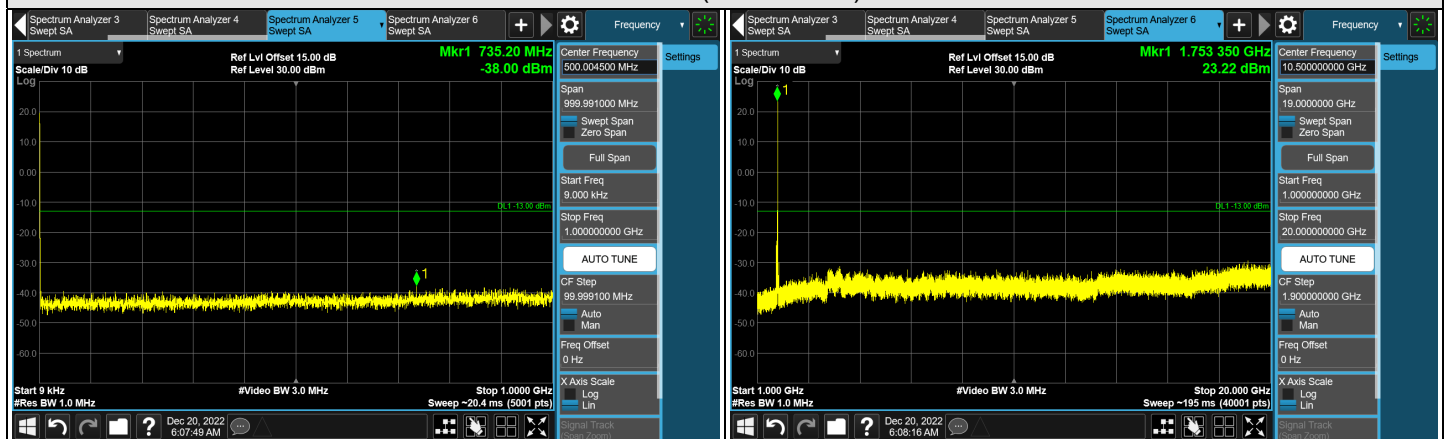
HSUPA



CH 1312 (1712.4 MHz)

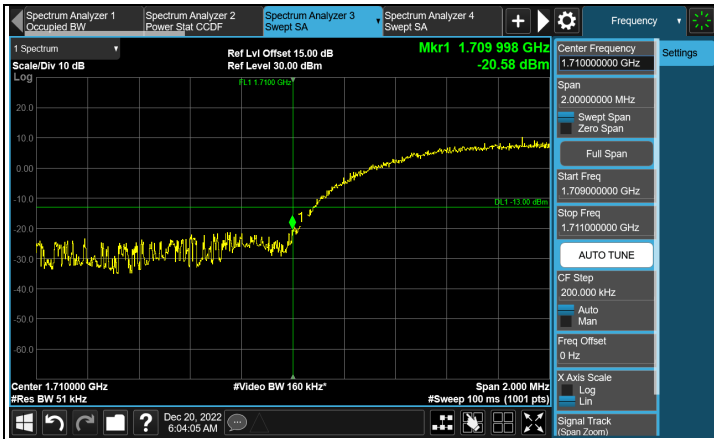


CH 1413 (1732.6 MHz)

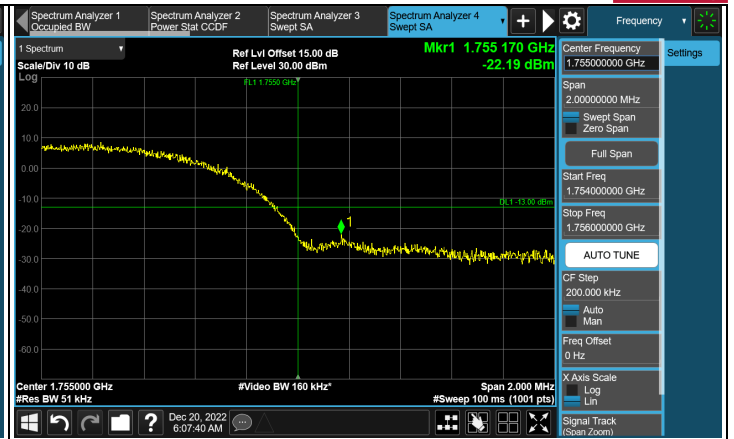


CH 1513 (1752.6 MHz)

Note: The signal at 9 kHz is IF signal from spectrum analyzer.



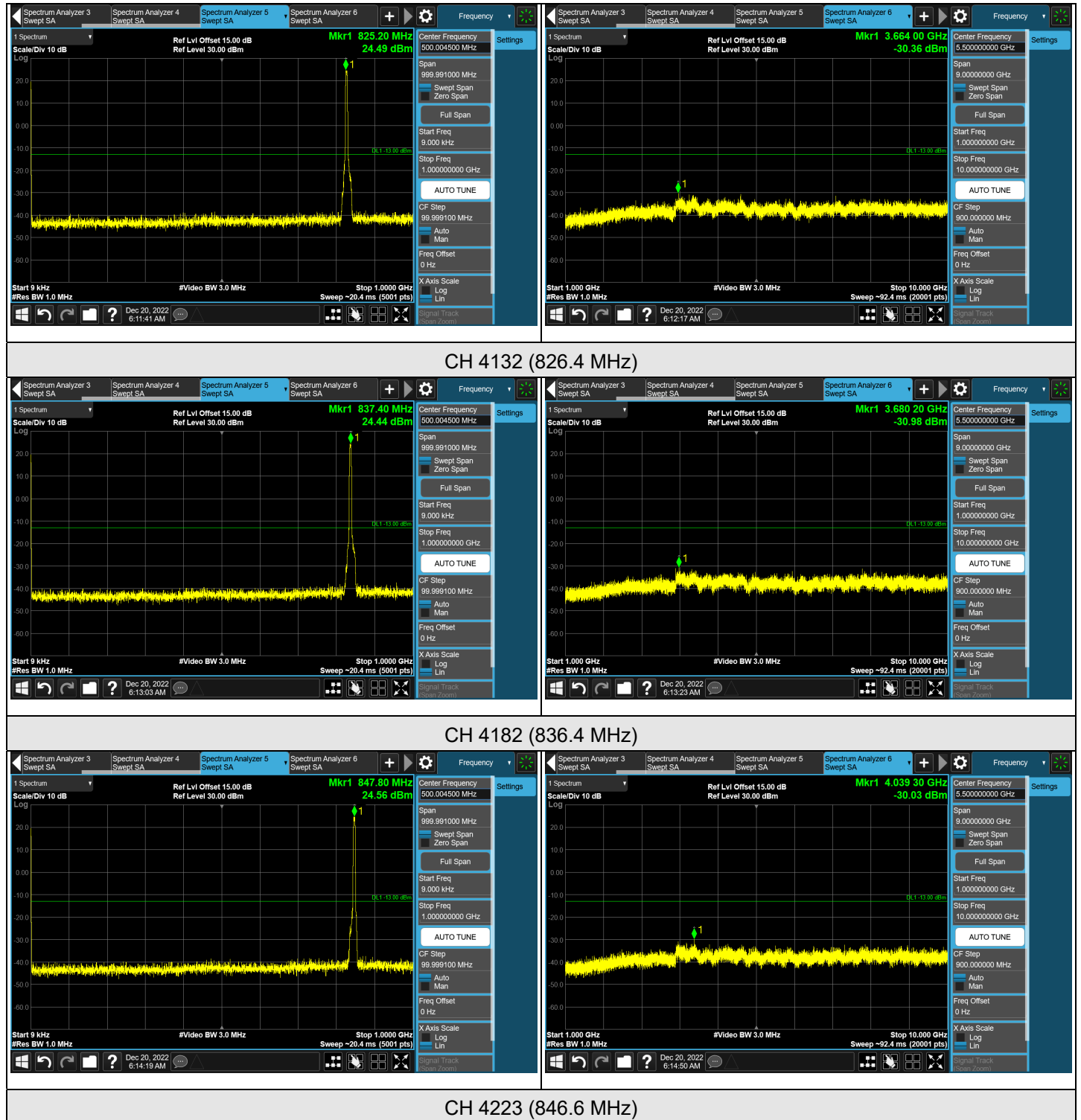
CH 1312 (1712.4 MHz)



CH 1513 (1752.6 MHz)

7.5.3 WCDMA Band 5

WCDMA



Note: The signal at 9 kHz is IF signal from spectrum analyzer.



CH 4132 (826.4 MHz)



CH 4223 (846.6 MHz)