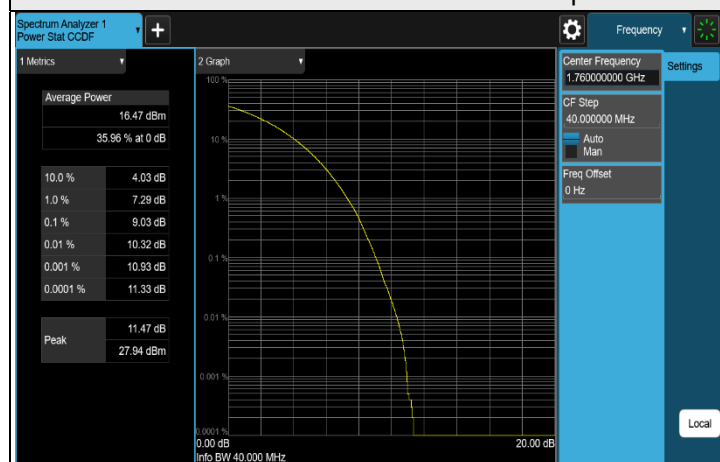


NR n66 SCS 15 kHz, PC2_MIMO-Ant 0, Channel Bandwidth: 40 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	346000	1730	7.26	13	PASS
QPSK	349000	1745	7.10	13	PASS
QPSK	352000	1760	7.32	13	PASS
BPSK	346000	1730	4.57	13	PASS
BPSK	349000	1745	4.50	13	PASS
BPSK	352000	1760	4.82	13	PASS
16QAM	346000	1730	7.24	13	PASS
16QAM	349000	1745	7.29	13	PASS
16QAM	352000	1760	7.56	13	PASS
64QAM	346000	1730	7.89	13	PASS
64QAM	349000	1745	7.77	13	PASS
64QAM	352000	1760	7.69	13	PASS
256QAM	346000	1730	8.58	13	PASS
256QAM	349000	1745	8.47	13	PASS
256QAM	352000	1760	9.03	13	PASS

Spectrum Plot of Worst Value

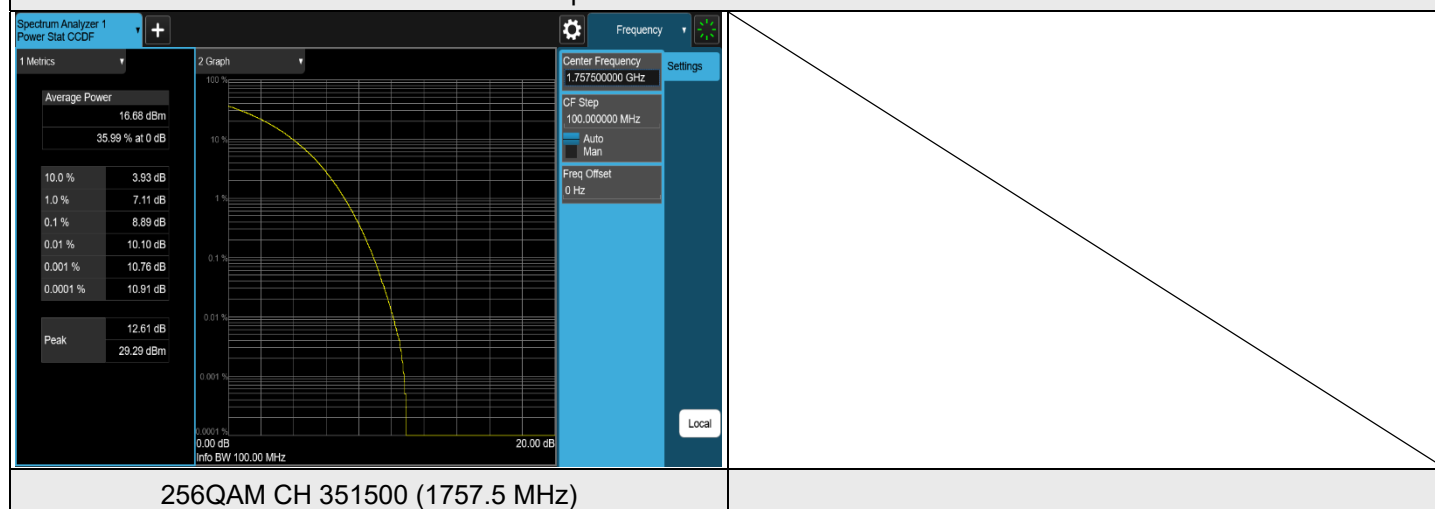


256QAM CH 352000 (1760 MHz)

NR n66 SCS 15 kHz, PC2_MIMO-Ant 0, Channel Bandwidth: 45 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	346500	1732.5	7.67	13	PASS
QPSK	349000	1745	7.37	13	PASS
QPSK	351500	1757.5	7.27	13	PASS
BPSK	346500	1732.5	5.44	13	PASS
BPSK	349000	1745	4.41	13	PASS
BPSK	351500	1757.5	4.84	13	PASS
16QAM	346500	1732.5	7.27	13	PASS
16QAM	349000	1745	7.46	13	PASS
16QAM	351500	1757.5	7.63	13	PASS
64QAM	346500	1732.5	7.91	13	PASS
64QAM	349000	1745	7.75	13	PASS
64QAM	351500	1757.5	7.71	13	PASS
256QAM	346500	1732.5	8.51	13	PASS
256QAM	349000	1745	8.75	13	PASS
256QAM	351500	1757.5	8.89	13	PASS

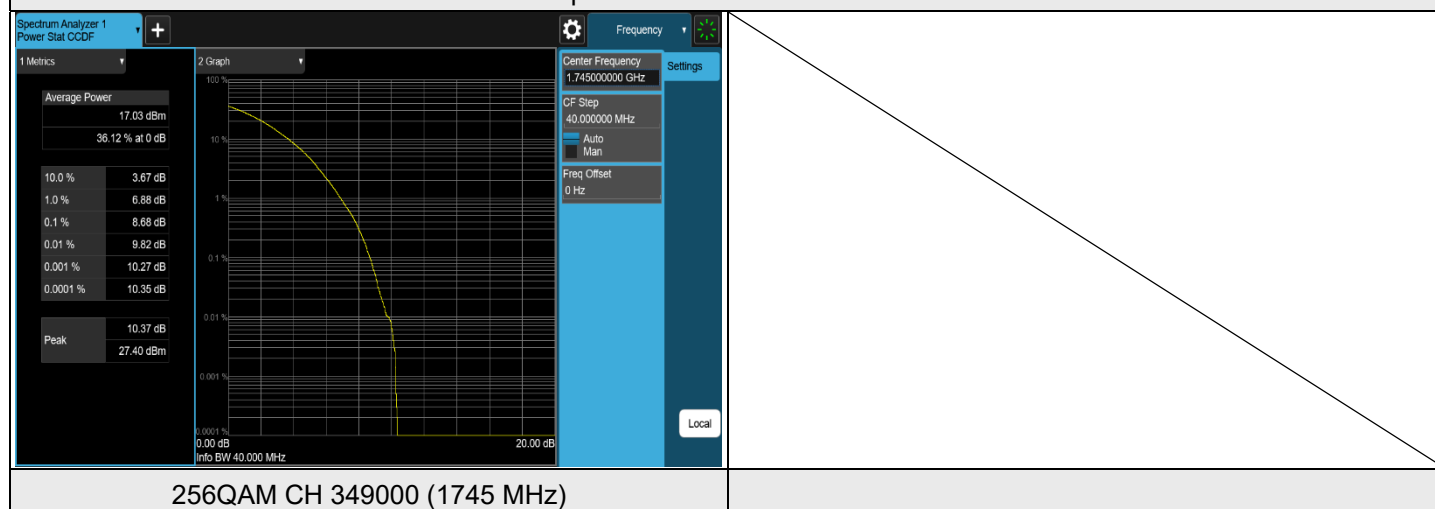
Spectrum Plot of Worst Value



NR n66 SCS 15 kHz, PC2_MIMO-Ant 3, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	342500	1712.5	6.86	13	PASS
QPSK	349000	1745	6.98	13	PASS
QPSK	355500	1777.5	6.83	13	PASS
BPSK	342500	1712.5	4.04	13	PASS
BPSK	349000	1745	4.18	13	PASS
BPSK	355500	1777.5	3.99	13	PASS
16QAM	342500	1712.5	6.79	13	PASS
16QAM	349000	1745	6.98	13	PASS
16QAM	355500	1777.5	6.78	13	PASS
64QAM	342500	1712.5	7.45	13	PASS
64QAM	349000	1745	7.62	13	PASS
64QAM	355500	1777.5	7.52	13	PASS
256QAM	342500	1712.5	8.65	13	PASS
256QAM	349000	1745	8.68	13	PASS
256QAM	355500	1777.5	8.53	13	PASS

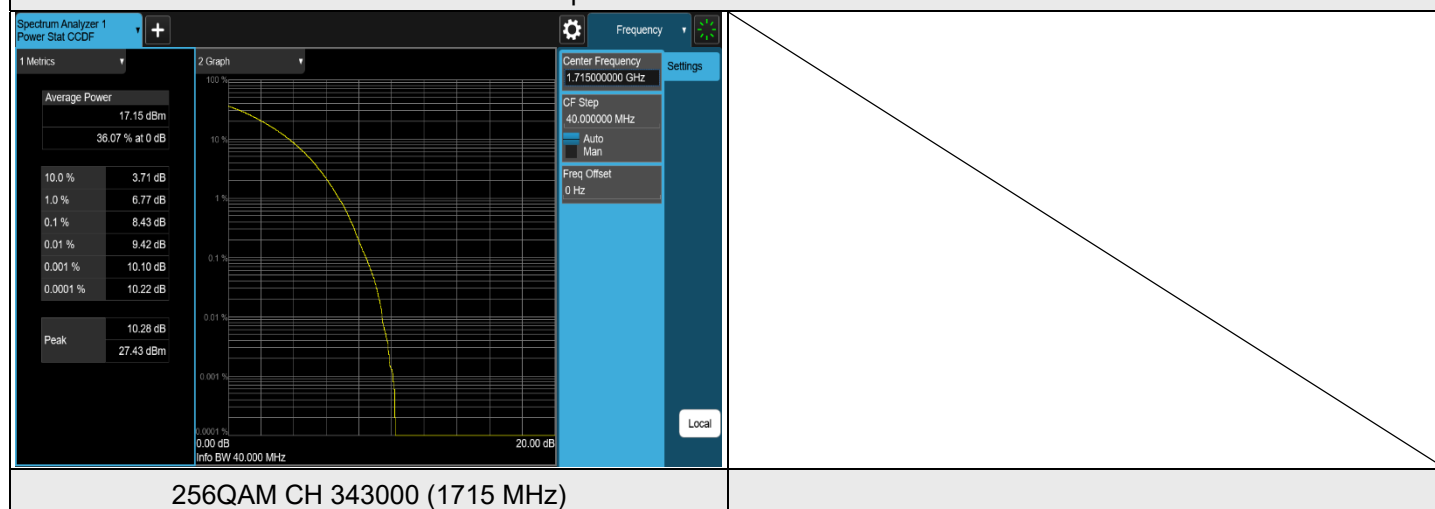
Spectrum Plot of Worst Value



NR n66 SCS 15 kHz, PC2_MIMO-Ant 3, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	343000	1715	6.83	13	PASS
QPSK	349000	1745	6.91	13	PASS
QPSK	355000	1775	6.81	13	PASS
BPSK	343000	1715	4.07	13	PASS
BPSK	349000	1745	4.09	13	PASS
BPSK	355000	1775	4.03	13	PASS
16QAM	343000	1715	6.77	13	PASS
16QAM	349000	1745	6.97	13	PASS
16QAM	355000	1775	6.84	13	PASS
64QAM	343000	1715	7.53	13	PASS
64QAM	349000	1745	7.63	13	PASS
64QAM	355000	1775	7.58	13	PASS
256QAM	343000	1715	8.43	13	PASS
256QAM	349000	1745	8.32	13	PASS
256QAM	355000	1775	8.30	13	PASS

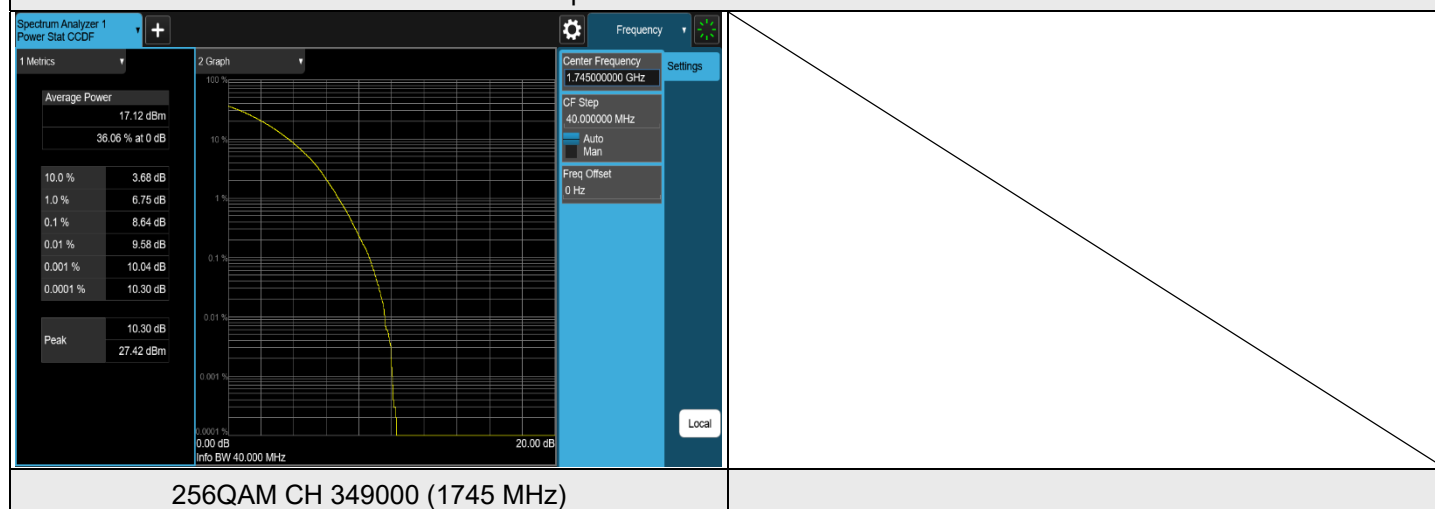
Spectrum Plot of Worst Value



NR n66 SCS 15 kHz, PC2_MIMO-Ant 3, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	343500	1717.5	7.05	13	PASS
QPSK	349000	1745	7.18	13	PASS
QPSK	354500	1772.5	7.16	13	PASS
BPSK	343500	1717.5	4.14	13	PASS
BPSK	349000	1745	4.19	13	PASS
BPSK	354500	1772.5	4.18	13	PASS
16QAM	343500	1717.5	7.03	13	PASS
16QAM	349000	1745	7.15	13	PASS
16QAM	354500	1772.5	7.10	13	PASS
64QAM	343500	1717.5	7.58	13	PASS
64QAM	349000	1745	7.70	13	PASS
64QAM	354500	1772.5	7.67	13	PASS
256QAM	343500	1717.5	8.59	13	PASS
256QAM	349000	1745	8.64	13	PASS
256QAM	354500	1772.5	8.56	13	PASS

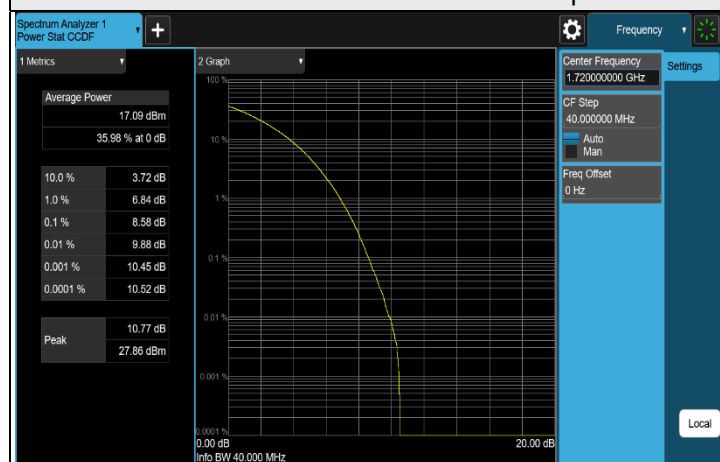
Spectrum Plot of Worst Value



NR n66 SCS 15 kHz, PC2_MIMO-Ant 3, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	344000	1720	7.19	13	PASS
QPSK	349000	1745	6.95	13	PASS
QPSK	354000	1770	6.61	13	PASS
BPSK	344000	1720	4.32	13	PASS
BPSK	349000	1745	4.10	13	PASS
BPSK	354000	1770	4.32	13	PASS
16QAM	344000	1720	7.13	13	PASS
16QAM	349000	1745	7.09	13	PASS
16QAM	354000	1770	6.71	13	PASS
64QAM	344000	1720	8.02	13	PASS
64QAM	349000	1745	7.62	13	PASS
64QAM	354000	1770	7.22	13	PASS
256QAM	344000	1720	8.58	13	PASS
256QAM	349000	1745	8.57	13	PASS
256QAM	354000	1770	8.49	13	PASS

Spectrum Plot of Worst Value

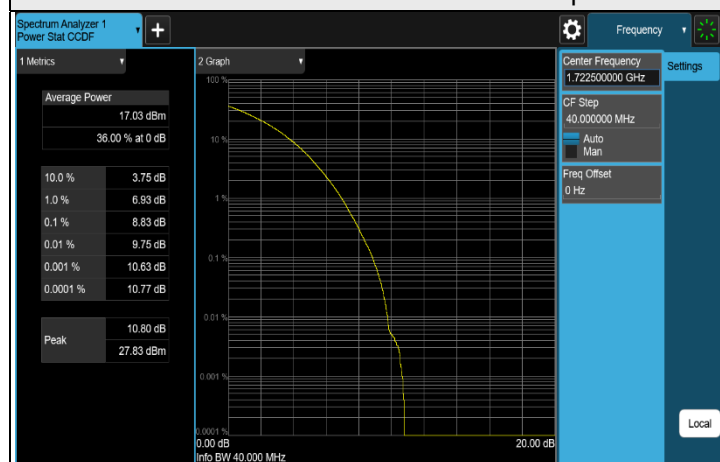


256QAM CH 344000 (1720 MHz)

NR n66 SCS 15 kHz, PC2_MIMO-Ant 3, Channel Bandwidth: 25 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	344500	1722.5	7.35	13	PASS
QPSK	349000	1745	7.23	13	PASS
QPSK	353500	1767.5	7.05	13	PASS
BPSK	344500	1722.5	4.59	13	PASS
BPSK	349000	1745	4.48	13	PASS
BPSK	353500	1767.5	4.35	13	PASS
16QAM	344500	1722.5	7.68	13	PASS
16QAM	349000	1745	7.26	13	PASS
16QAM	353500	1767.5	7.06	13	PASS
64QAM	344500	1722.5	7.96	13	PASS
64QAM	349000	1745	7.67	13	PASS
64QAM	353500	1767.5	7.47	13	PASS
256QAM	344500	1722.5	8.83	13	PASS
256QAM	349000	1745	8.74	13	PASS
256QAM	353500	1767.5	8.71	13	PASS

Spectrum Plot of Worst Value

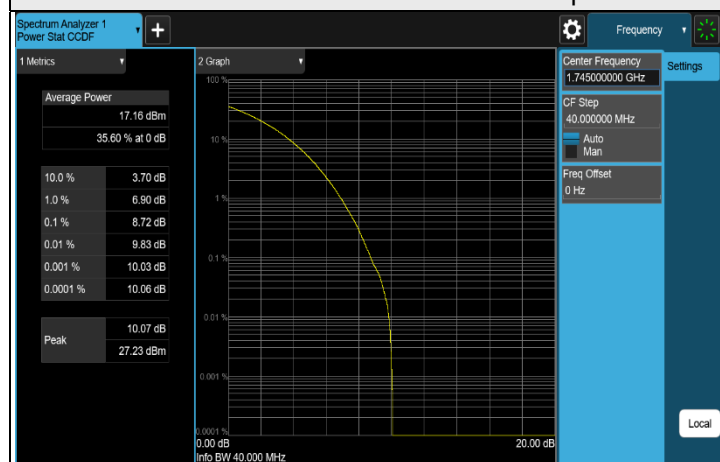


256QAM CH 344500 (1722.5 MHz)

NR n66 SCS 15 kHz, PC2_MIMO-Ant 3, Channel Bandwidth: 30 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	345000	1725	7.34	13	PASS
QPSK	349000	1745	7.20	13	PASS
QPSK	353000	1765	7.09	13	PASS
BPSK	345000	1725	4.51	13	PASS
BPSK	349000	1745	4.34	13	PASS
BPSK	353000	1765	4.26	13	PASS
16QAM	345000	1725	7.40	13	PASS
16QAM	349000	1745	7.43	13	PASS
16QAM	353000	1765	7.17	13	PASS
64QAM	345000	1725	7.93	13	PASS
64QAM	349000	1745	7.85	13	PASS
64QAM	353000	1765	7.56	13	PASS
256QAM	345000	1725	8.65	13	PASS
256QAM	349000	1745	8.72	13	PASS
256QAM	353000	1765	8.56	13	PASS

Spectrum Plot of Worst Value

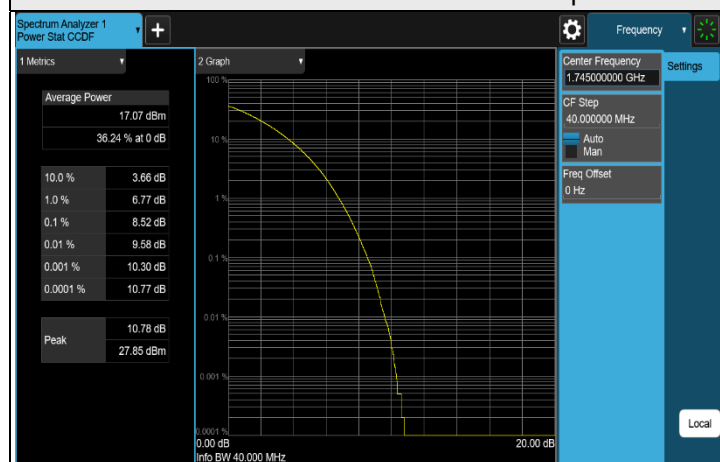


256QAM CH 349000 (1745 MHz)

NR n66 SCS 15 kHz, PC2_MIMO-Ant 3, Channel Bandwidth: 35 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	345500	1727.5	7.19	13	PASS
QPSK	349000	1745	7.35	13	PASS
QPSK	352500	1762.5	7.08	13	PASS
BPSK	345500	1727.5	4.36	13	PASS
BPSK	349000	1745	4.72	13	PASS
BPSK	352500	1762.5	4.12	13	PASS
16QAM	345500	1727.5	7.16	13	PASS
16QAM	349000	1745	7.61	13	PASS
16QAM	352500	1762.5	7.09	13	PASS
64QAM	345500	1727.5	7.71	13	PASS
64QAM	349000	1745	7.97	13	PASS
64QAM	352500	1762.5	7.56	13	PASS
256QAM	345500	1727.5	8.51	13	PASS
256QAM	349000	1745	8.52	13	PASS
256QAM	352500	1762.5	8.49	13	PASS

Spectrum Plot of Worst Value

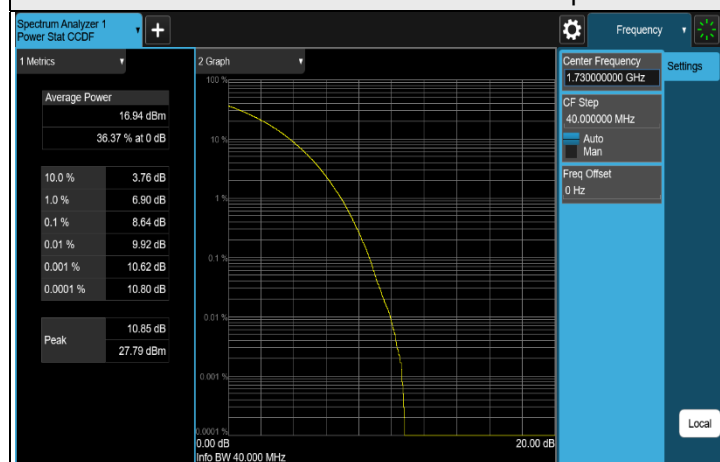


256QAM CH 349000 (1745 MHz)

NR n66 SCS 15 kHz, PC2_MIMO-Ant 3, Channel Bandwidth: 40 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	346000	1730	7.33	13	PASS
QPSK	349000	1745	7.15	13	PASS
QPSK	352000	1760	7.24	13	PASS
BPSK	346000	1730	4.54	13	PASS
BPSK	349000	1745	4.56	13	PASS
BPSK	352000	1760	4.66	13	PASS
16QAM	346000	1730	7.31	13	PASS
16QAM	349000	1745	7.28	13	PASS
16QAM	352000	1760	7.50	13	PASS
64QAM	346000	1730	7.89	13	PASS
64QAM	349000	1745	7.73	13	PASS
64QAM	352000	1760	7.85	13	PASS
256QAM	346000	1730	8.64	13	PASS
256QAM	349000	1745	8.53	13	PASS
256QAM	352000	1760	8.43	13	PASS

Spectrum Plot of Worst Value

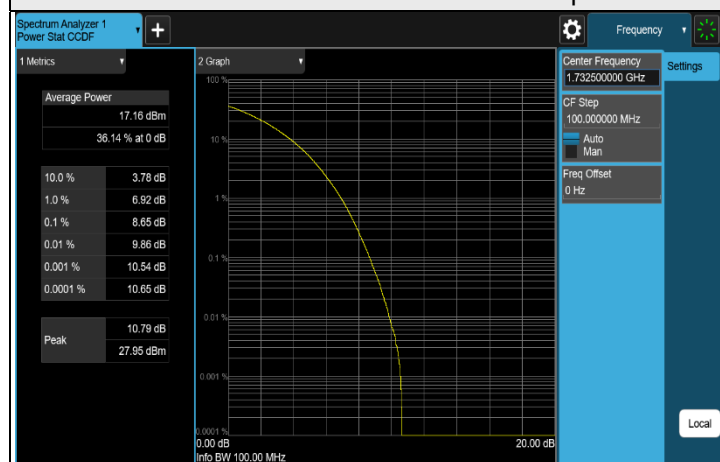


256QAM CH 346000 (1730 MHz)

NR n66 SCS 15 kHz, PC2_MIMO-Ant 3, Channel Bandwidth: 45 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	346500	1732.5	7.75	13	PASS
QPSK	349000	1745	7.37	13	PASS
QPSK	351500	1757.5	7.66	13	PASS
BPSK	346500	1732.5	4.49	13	PASS
BPSK	349000	1745	4.45	13	PASS
BPSK	351500	1757.5	4.53	13	PASS
16QAM	346500	1732.5	7.58	13	PASS
16QAM	349000	1745	7.36	13	PASS
16QAM	351500	1757.5	7.68	13	PASS
64QAM	346500	1732.5	8.49	13	PASS
64QAM	349000	1745	7.84	13	PASS
64QAM	351500	1757.5	8.33	13	PASS
256QAM	346500	1732.5	8.65	13	PASS
256QAM	349000	1745	8.52	13	PASS
256QAM	351500	1757.5	8.53	13	PASS

Spectrum Plot of Worst Value

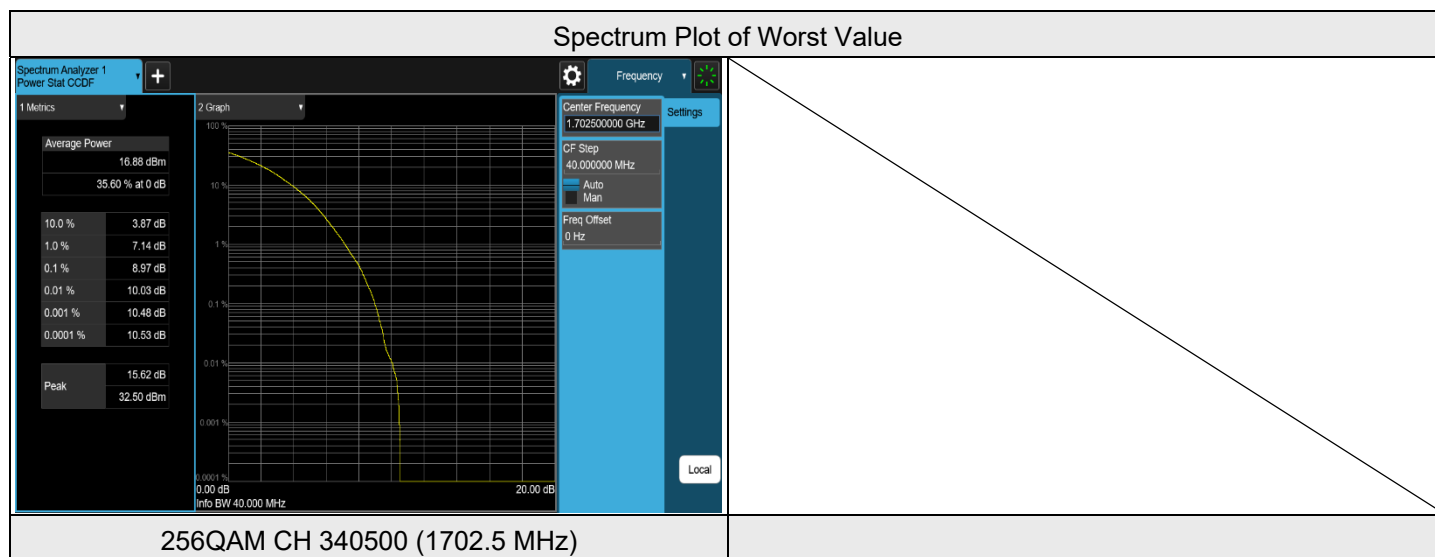


256QAM CH 346500 (1732.5 MHz)

7.3.13NR n70 SCS 15 kHz

NR n70 SCS 15 kHz, MIMO-Ant 0, Channel Bandwidth: 5 MHz

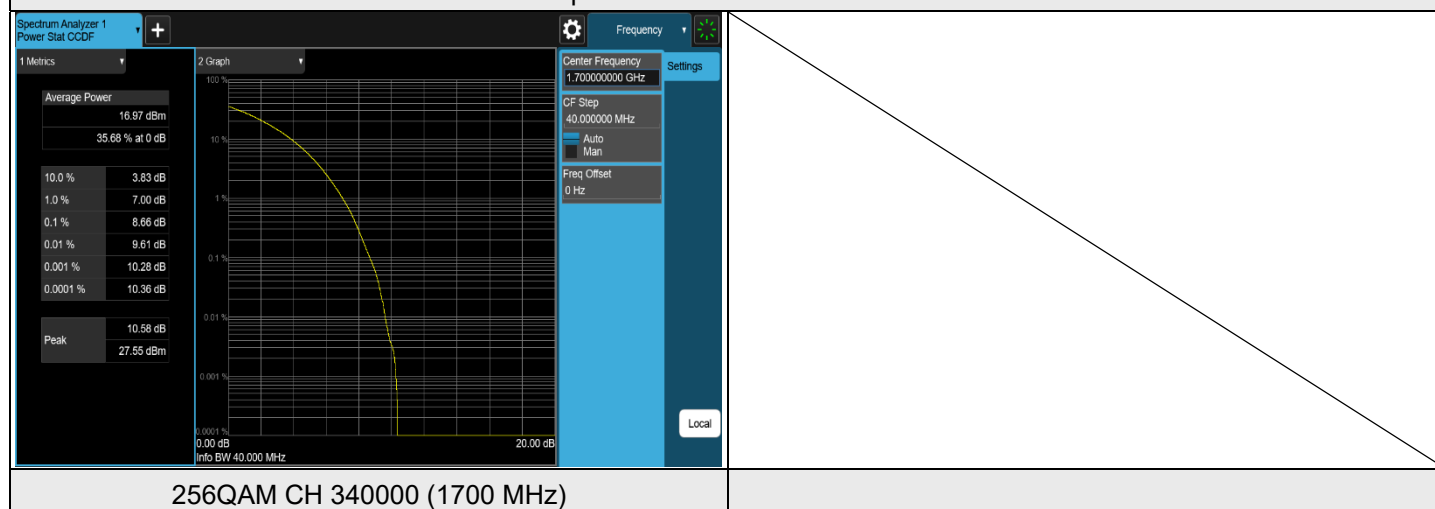
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	339500	1697.5	6.67	13	PASS
QPSK	340500	1702.5	7.03	13	PASS
QPSK	341500	1707.5	7.02	13	PASS
BPSK	339500	1697.5	3.87	13	PASS
BPSK	340500	1702.5	4.55	13	PASS
BPSK	341500	1707.5	4.51	13	PASS
16QAM	339500	1697.5	6.65	13	PASS
16QAM	340500	1702.5	7.12	13	PASS
16QAM	341500	1707.5	7.29	13	PASS
64QAM	339500	1697.5	7.30	13	PASS
64QAM	340500	1702.5	7.67	13	PASS
64QAM	341500	1707.5	7.89	13	PASS
256QAM	339500	1697.5	8.71	13	PASS
256QAM	340500	1702.5	8.97	13	PASS
256QAM	341500	1707.5	8.91	13	PASS



NR n70 SCS 15 kHz, MIMO-Ant 0, Channel Bandwidth: 10 MHz

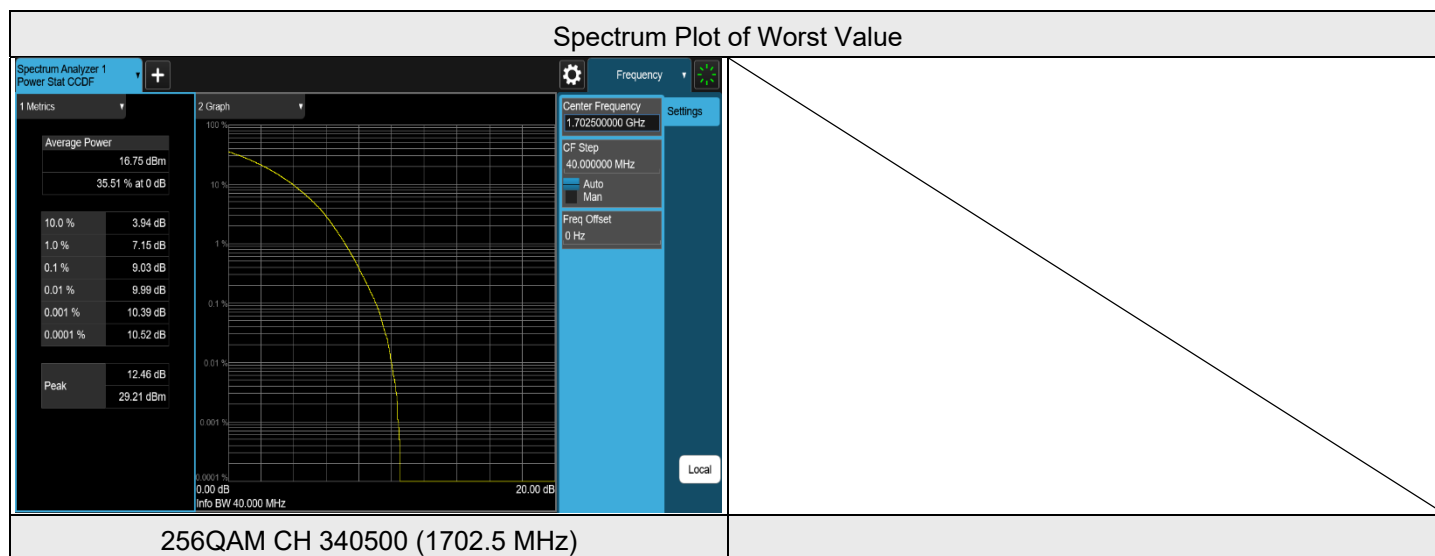
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	340000	1700	6.91	13	PASS
QPSK	340500	1702.5	6.65	13	PASS
QPSK	341000	1705	6.66	13	PASS
BPSK	340000	1700	4.02	13	PASS
BPSK	340500	1702.5	4.32	13	PASS
BPSK	341000	1705	3.94	13	PASS
16QAM	340000	1700	6.96	13	PASS
16QAM	340500	1702.5	6.93	13	PASS
16QAM	341000	1705	7.05	13	PASS
64QAM	340000	1700	7.70	13	PASS
64QAM	340500	1702.5	7.76	13	PASS
64QAM	341000	1705	7.42	13	PASS
256QAM	340000	1700	8.66	13	PASS
256QAM	340500	1702.5	8.43	13	PASS
256QAM	341000	1705	8.37	13	PASS

Spectrum Plot of Worst Value



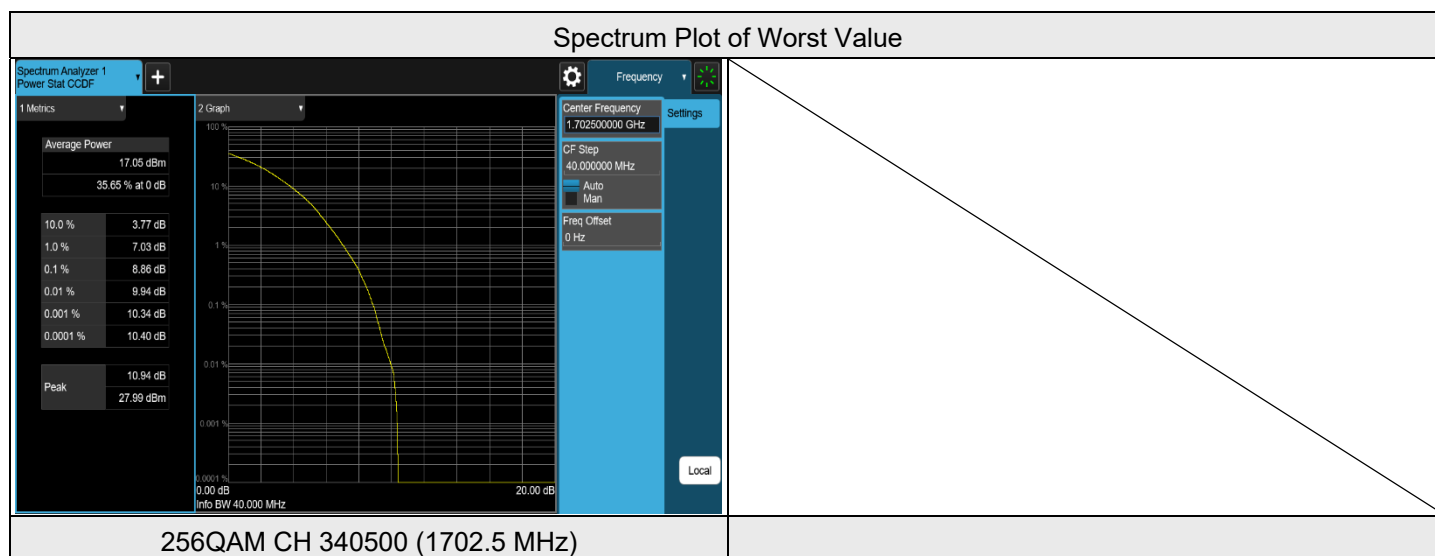
NR n70 SCS 15 kHz, MIMO-Ant 0, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	340500	1702.5	7.19	13	PASS
BPSK	340500	1702.5	4.17	13	PASS
16QAM	340500	1702.5	6.92	13	PASS
64QAM	340500	1702.5	7.49	13	PASS
256QAM	340500	1702.5	9.03	13	PASS



NR n70 SCS 15 kHz, MIMO-Ant 3, Channel Bandwidth: 5 MHz

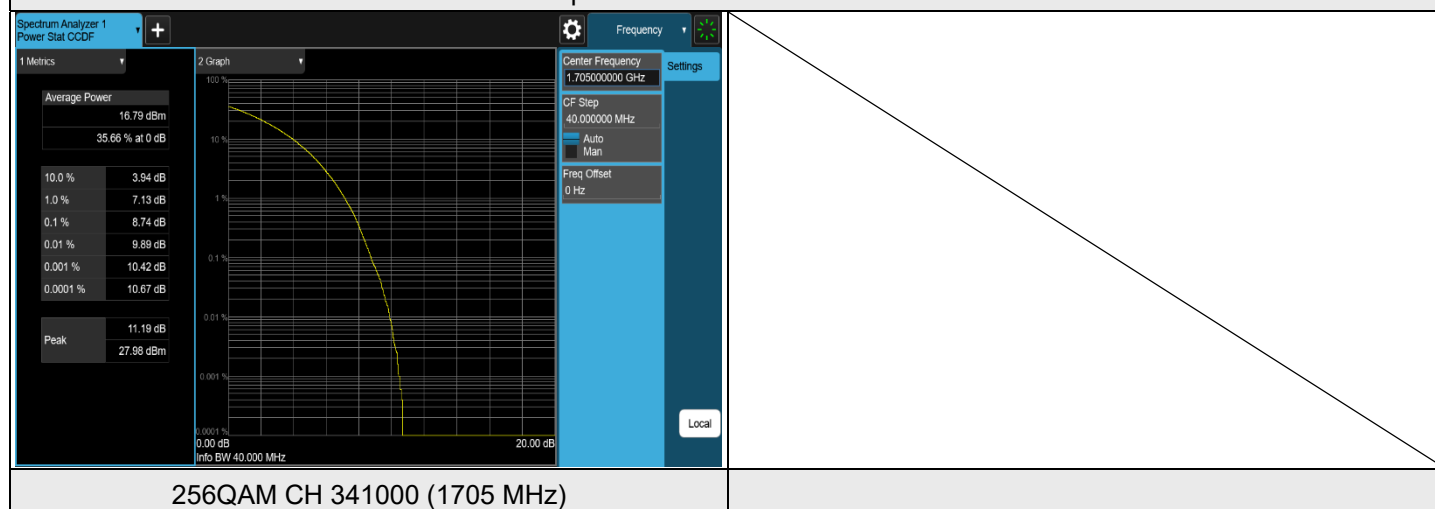
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	339500	1697.5	6.73	13	PASS
QPSK	340500	1702.5	6.94	13	PASS
QPSK	341500	1707.5	7.29	13	PASS
BPSK	339500	1697.5	3.92	13	PASS
BPSK	340500	1702.5	4.27	13	PASS
BPSK	341500	1707.5	4.29	13	PASS
16QAM	339500	1697.5	6.73	13	PASS
16QAM	340500	1702.5	7.13	13	PASS
16QAM	341500	1707.5	7.00	13	PASS
64QAM	339500	1697.5	7.36	13	PASS
64QAM	340500	1702.5	7.70	13	PASS
64QAM	341500	1707.5	7.94	13	PASS
256QAM	339500	1697.5	8.74	13	PASS
256QAM	340500	1702.5	8.86	13	PASS
256QAM	341500	1707.5	8.86	13	PASS



NR n70 SCS 15 kHz, MIMO-Ant 3, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	340000	1700	6.92	13	PASS
QPSK	340500	1702.5	7.27	13	PASS
QPSK	341000	1705	6.98	13	PASS
BPSK	340000	1700	4.21	13	PASS
BPSK	340500	1702.5	4.31	13	PASS
BPSK	341000	1705	4.11	13	PASS
16QAM	340000	1700	6.88	13	PASS
16QAM	340500	1702.5	7.04	13	PASS
16QAM	341000	1705	6.94	13	PASS
64QAM	340000	1700	7.70	13	PASS
64QAM	340500	1702.5	7.59	13	PASS
64QAM	341000	1705	7.44	13	PASS
256QAM	340000	1700	8.73	13	PASS
256QAM	340500	1702.5	8.58	13	PASS
256QAM	341000	1705	8.74	13	PASS

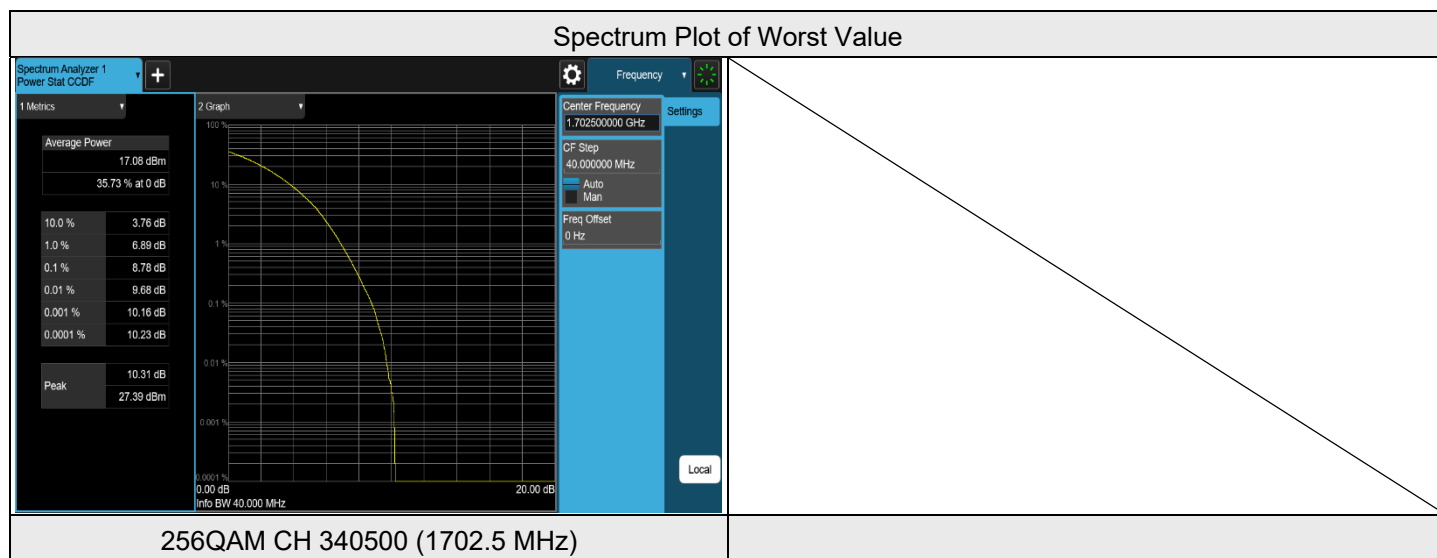
Spectrum Plot of Worst Value



256QAM CH 341000 (1705 MHz)

NR n70 SCS 15 kHz, MIMO-Ant 3, Channel Bandwidth: 15 MHz

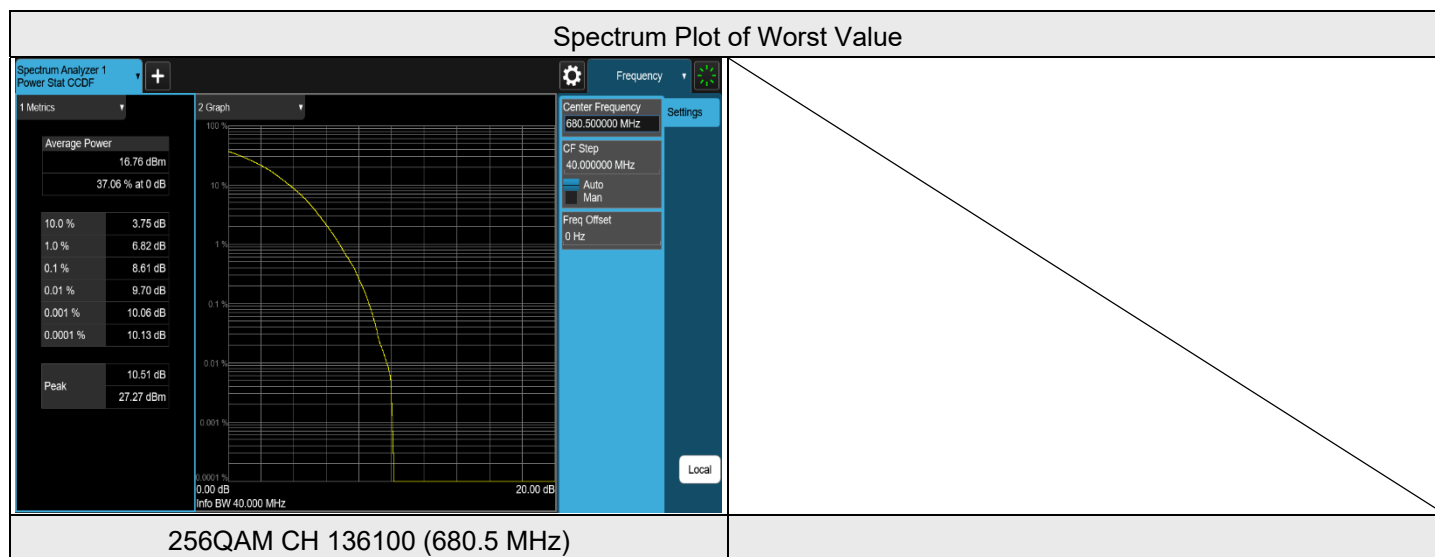
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	340500	1702.5	7.33	13	PASS
BPSK	340500	1702.5	4.32	13	PASS
16QAM	340500	1702.5	7.11	13	PASS
64QAM	340500	1702.5	7.72	13	PASS
256QAM	340500	1702.5	8.78	13	PASS



7.3.14NR n71 SCS 15 kHz

NR n71 SCS 15 kHz, Channel Bandwidth: 5 MHz

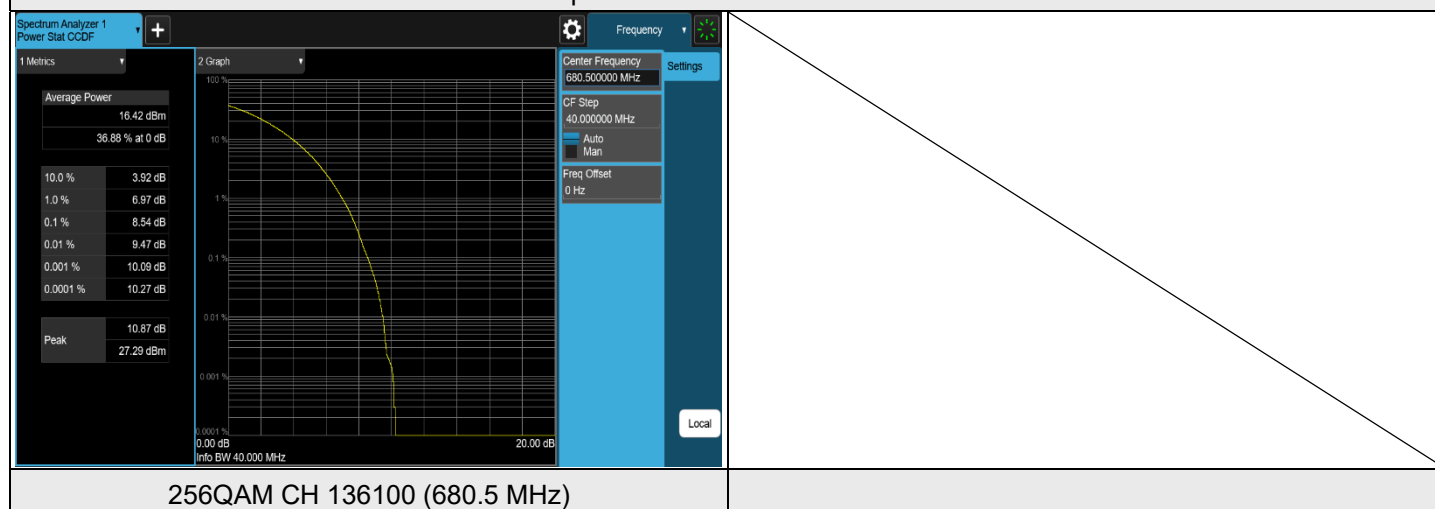
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	133100	665.5	7.18	13	PASS
QPSK	136100	680.5	7.67	13	PASS
QPSK	139100	695.5	7.36	13	PASS
BPSK	133100	665.5	4.21	13	PASS
BPSK	136100	680.5	4.37	13	PASS
BPSK	139100	695.5	4.17	13	PASS
16QAM	133100	665.5	7.22	13	PASS
16QAM	136100	680.5	7.53	13	PASS
16QAM	139100	695.5	7.28	13	PASS
64QAM	133100	665.5	7.62	13	PASS
64QAM	136100	680.5	7.18	13	PASS
64QAM	139100	695.5	7.87	13	PASS
256QAM	133100	665.5	8.44	13	PASS
256QAM	136100	680.5	8.61	13	PASS
256QAM	139100	695.5	8.49	13	PASS



NR n71 SCS 15 kHz, Channel Bandwidth: 10 MHz

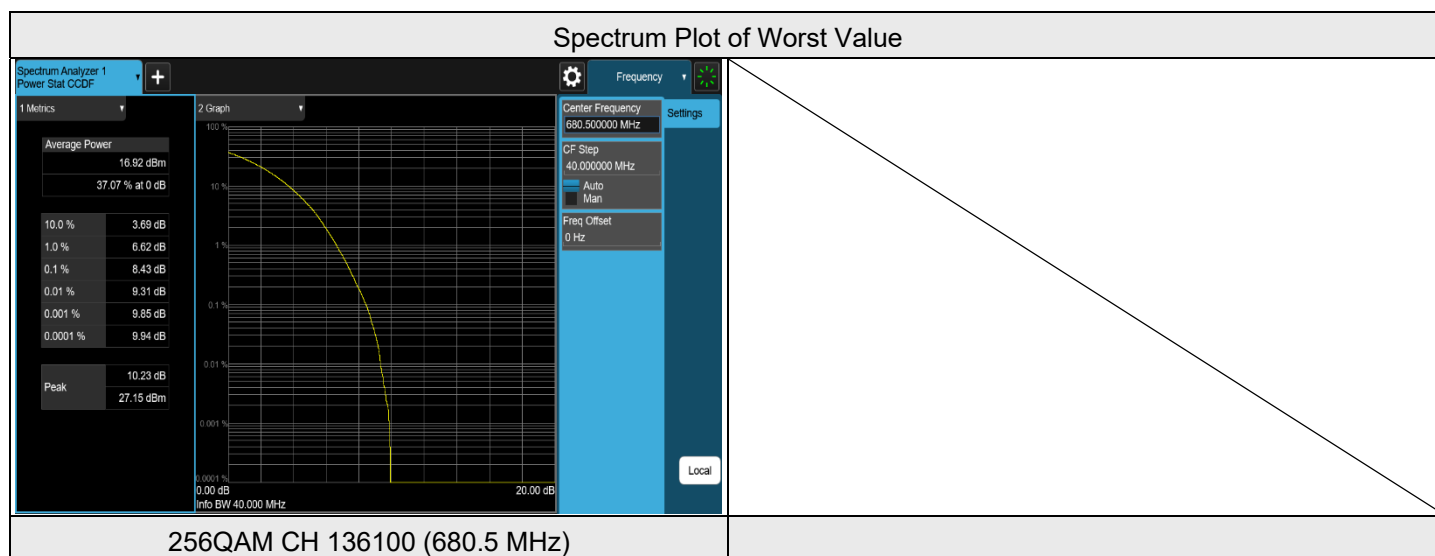
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	133600	668	6.80	13	PASS
QPSK	136100	680.5	6.84	13	PASS
QPSK	138600	693	7.26	13	PASS
BPSK	133600	668	4.17	13	PASS
BPSK	136100	680.5	4.43	13	PASS
BPSK	138600	693	4.12	13	PASS
16QAM	133600	668	7.02	13	PASS
16QAM	136100	680.5	6.60	13	PASS
16QAM	138600	693	7.32	13	PASS
64QAM	133600	668	7.45	13	PASS
64QAM	136100	680.5	7.49	13	PASS
64QAM	138600	693	8.15	13	PASS
256QAM	133600	668	8.47	13	PASS
256QAM	136100	680.5	8.54	13	PASS
256QAM	138600	693	8.33	13	PASS

Spectrum Plot of Worst Value



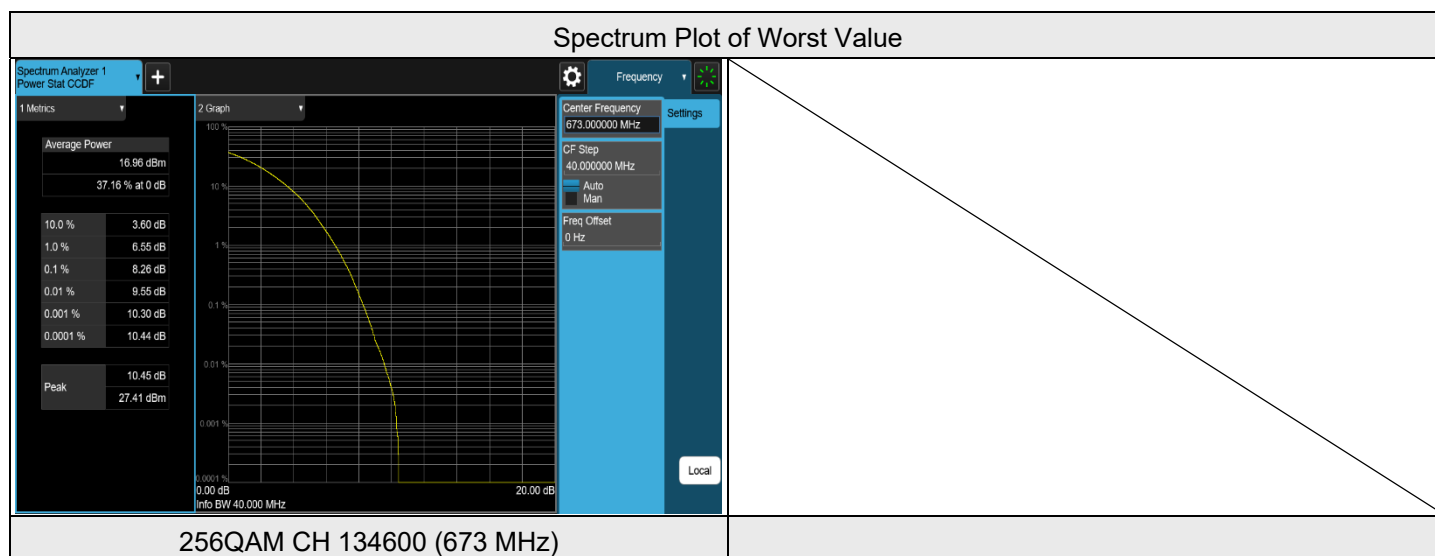
NR n71 SCS 15 kHz, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	134100	670.5	7.16	13	PASS
QPSK	136100	680.5	6.93	13	PASS
QPSK	138100	690.5	6.79	13	PASS
BPSK	134100	670.5	3.90	13	PASS
BPSK	136100	680.5	4.22	13	PASS
BPSK	138100	690.5	4.14	13	PASS
16QAM	134100	670.5	7.11	13	PASS
16QAM	136100	680.5	6.71	13	PASS
16QAM	138100	690.5	6.76	13	PASS
64QAM	134100	670.5	7.55	13	PASS
64QAM	136100	680.5	7.28	13	PASS
64QAM	138100	690.5	7.65	13	PASS
256QAM	134100	670.5	8.26	13	PASS
256QAM	136100	680.5	8.43	13	PASS
256QAM	138100	690.5	8.43	13	PASS



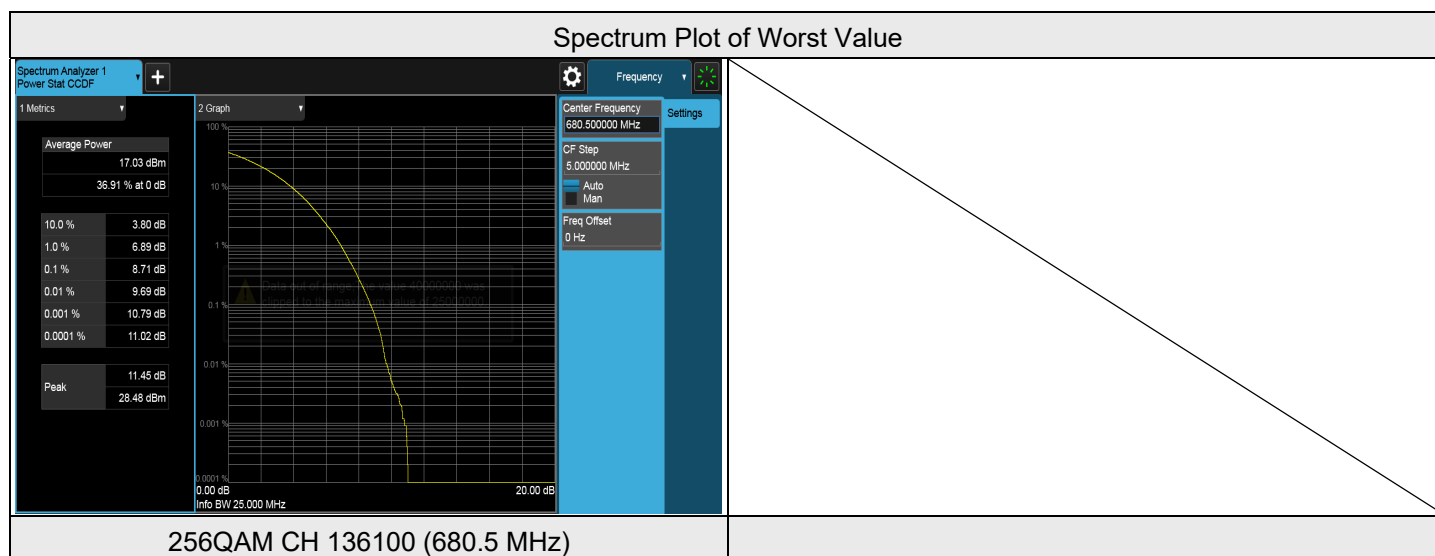
NR n71 SCS 15 kHz, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	134600	673	7.20	13	PASS
QPSK	136100	680.5	6.78	13	PASS
QPSK	137600	688	6.85	13	PASS
BPSK	134600	673	3.93	13	PASS
BPSK	136100	680.5	5.21	13	PASS
BPSK	137600	688	3.91	13	PASS
16QAM	134600	673	7.24	13	PASS
16QAM	136100	680.5	6.73	13	PASS
16QAM	137600	688	6.80	13	PASS
64QAM	134600	673	7.62	13	PASS
64QAM	136100	680.5	7.23	13	PASS
64QAM	137600	688	7.49	13	PASS
256QAM	134600	673	8.26	13	PASS
256QAM	136100	680.5	8.23	13	PASS
256QAM	137600	688	8.26	13	PASS



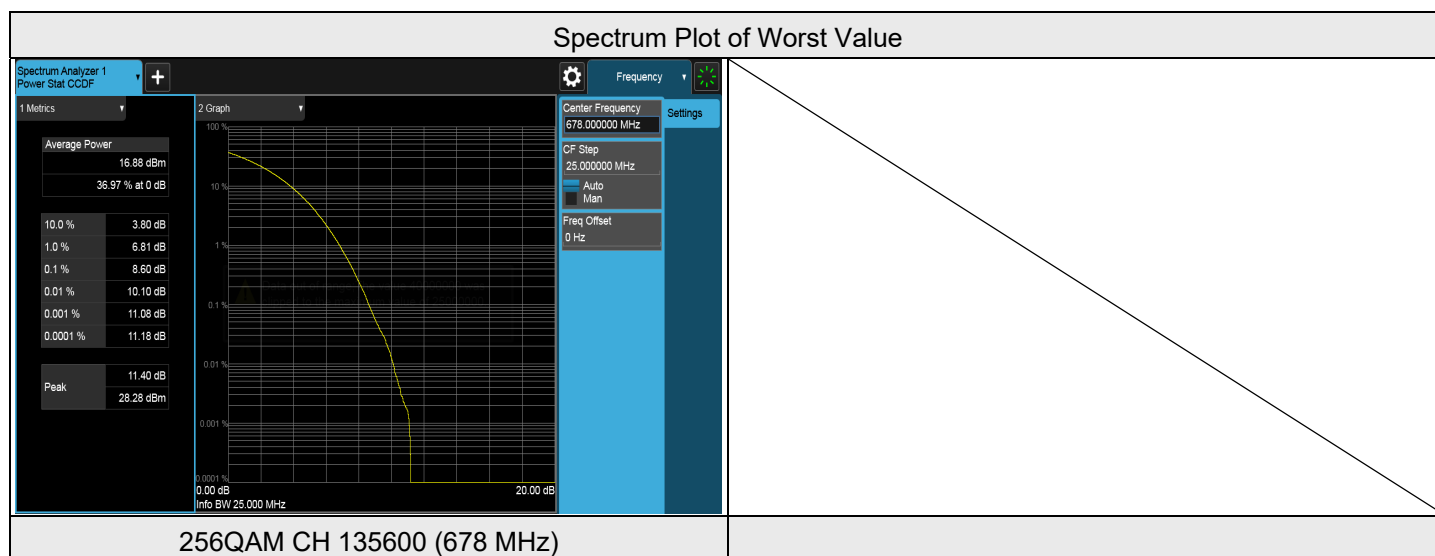
NR n71 SCS 15 kHz, Channel Bandwidth: 25 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	135100	675.5	7.39	13	PASS
QPSK	136100	680.5	7.65	13	PASS
QPSK	137100	685.5	7.25	13	PASS
BPSK	135100	675.5	5.15	13	PASS
BPSK	136100	680.5	4.89	13	PASS
BPSK	137100	685.5	4.45	13	PASS
16QAM	135100	675.5	7.35	13	PASS
16QAM	136100	680.5	7.73	13	PASS
16QAM	137100	685.5	7.28	13	PASS
64QAM	135100	675.5	7.73	13	PASS
64QAM	136100	680.5	7.98	13	PASS
64QAM	137100	685.5	7.68	13	PASS
256QAM	135100	675.5	8.45	13	PASS
256QAM	136100	680.5	8.71	13	PASS
256QAM	137100	685.5	8.41	13	PASS



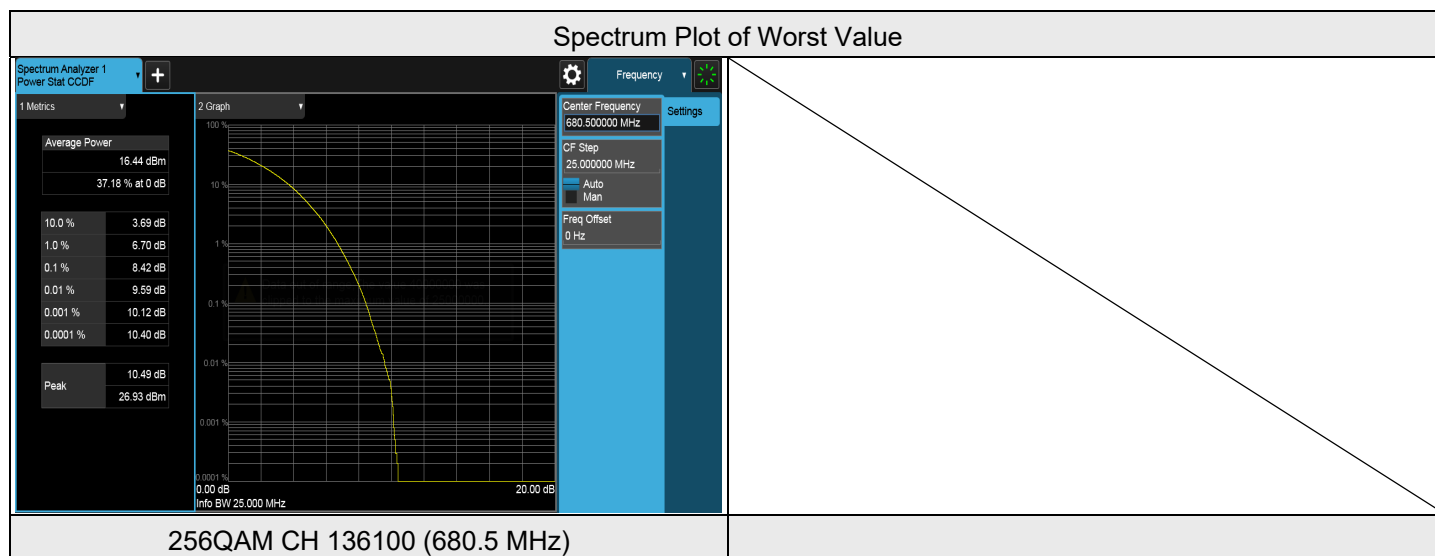
NR n71 SCS 15 kHz, Channel Bandwidth: 30 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	135600	678	7.57	13	PASS
QPSK	136100	680.5	7.45	13	PASS
QPSK	136600	683	7.64	13	PASS
BPSK	135600	678	4.40	13	PASS
BPSK	136100	680.5	4.50	13	PASS
BPSK	136600	683	4.07	13	PASS
16QAM	135600	678	7.47	13	PASS
16QAM	136100	680.5	7.47	13	PASS
16QAM	136600	683	7.39	13	PASS
64QAM	135600	678	8.13	13	PASS
64QAM	136100	680.5	7.92	13	PASS
64QAM	136600	683	7.91	13	PASS
256QAM	135600	678	8.60	13	PASS
256QAM	136100	680.5	8.41	13	PASS
256QAM	136600	683	8.47	13	PASS



NR n71 SCS 15 kHz, Channel Bandwidth: 35 MHz

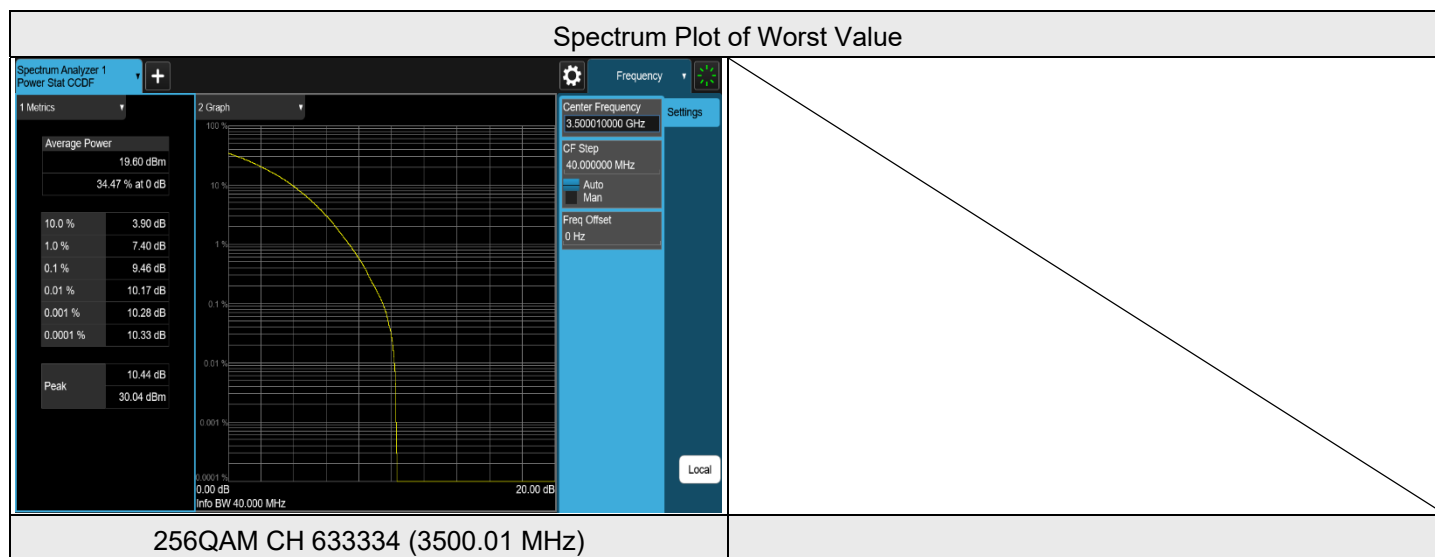
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	136100	680.5	7.98	13	PASS
BPSK	136100	680.5	5.05	13	PASS
16QAM	136100	680.5	8.00	13	PASS
64QAM	136100	680.5	8.26	13	PASS
256QAM	136100	680.5	8.42	13	PASS



7.3.15NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz)

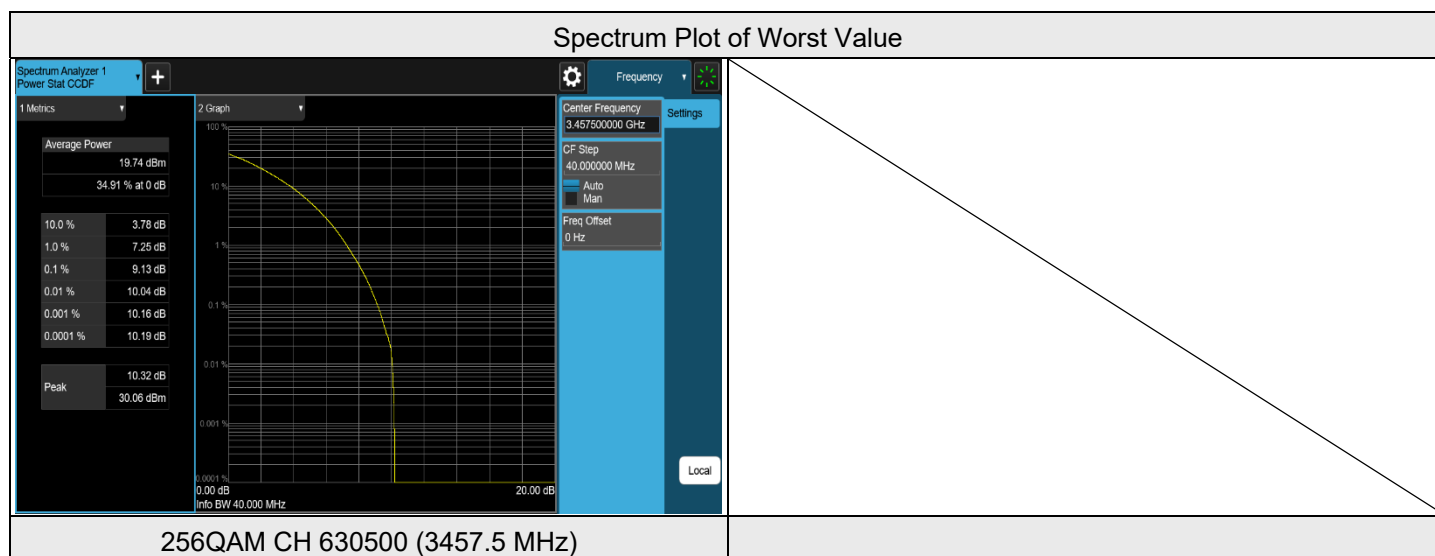
NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	630334	3455.01	6.79	13	PASS
QPSK	633334	3500.01	7.06	13	PASS
QPSK	636332	3544.98	7.26	13	PASS
BPSK	630334	3455.01	5.85	13	PASS
BPSK	633334	3500.01	4.76	13	PASS
BPSK	636332	3544.98	4.80	13	PASS
16QAM	630334	3455.01	7.08	13	PASS
16QAM	633334	3500.01	7.27	13	PASS
16QAM	636332	3544.98	7.20	13	PASS
64QAM	630334	3455.01	8.12	13	PASS
64QAM	633334	3500.01	7.58	13	PASS
64QAM	636332	3544.98	7.67	13	PASS
256QAM	630334	3455.01	9.20	13	PASS
256QAM	633334	3500.01	9.46	13	PASS
256QAM	636332	3544.98	9.43	13	PASS



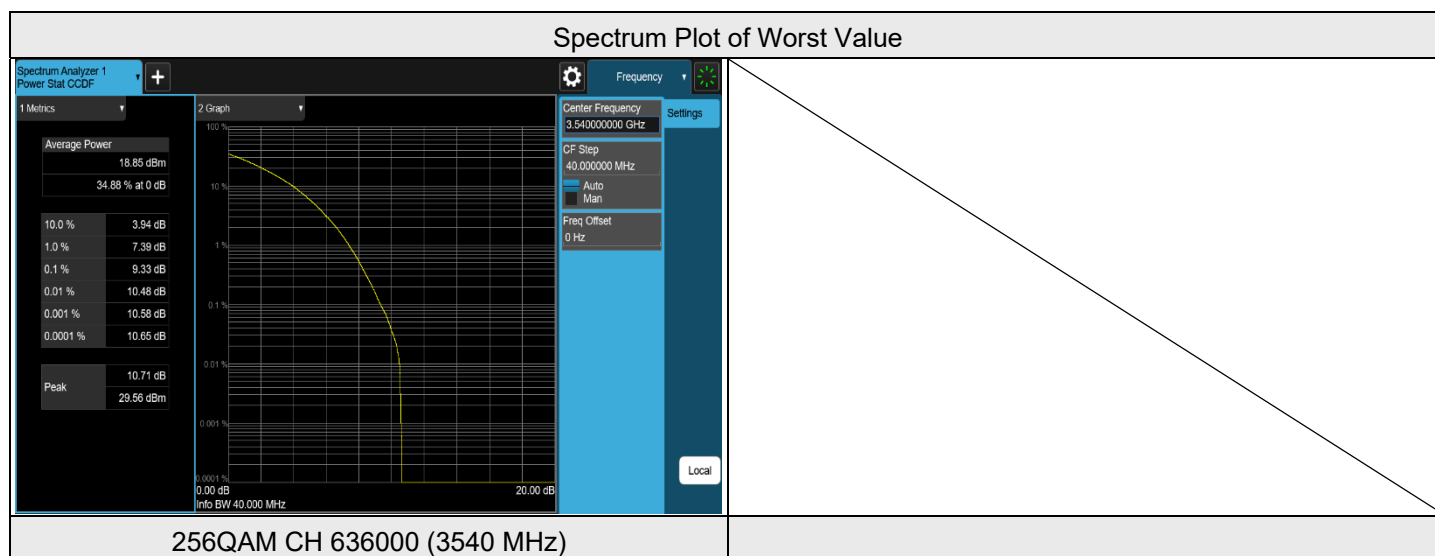
NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	630500	3457.5	7.34	13	PASS
QPSK	633334	3500.01	7.23	13	PASS
QPSK	636166	3542.49	7.10	13	PASS
BPSK	630500	3457.5	5.61	13	PASS
BPSK	633334	3500.01	5.47	13	PASS
BPSK	636166	3542.49	5.38	13	PASS
16QAM	630500	3457.5	7.21	13	PASS
16QAM	633334	3500.01	7.10	13	PASS
16QAM	636166	3542.49	7.02	13	PASS
64QAM	630500	3457.5	7.59	13	PASS
64QAM	633334	3500.01	8.43	13	PASS
64QAM	636166	3542.49	8.18	13	PASS
256QAM	630500	3457.5	9.13	13	PASS
256QAM	633334	3500.01	9.09	13	PASS
256QAM	636166	3542.49	9.00	13	PASS



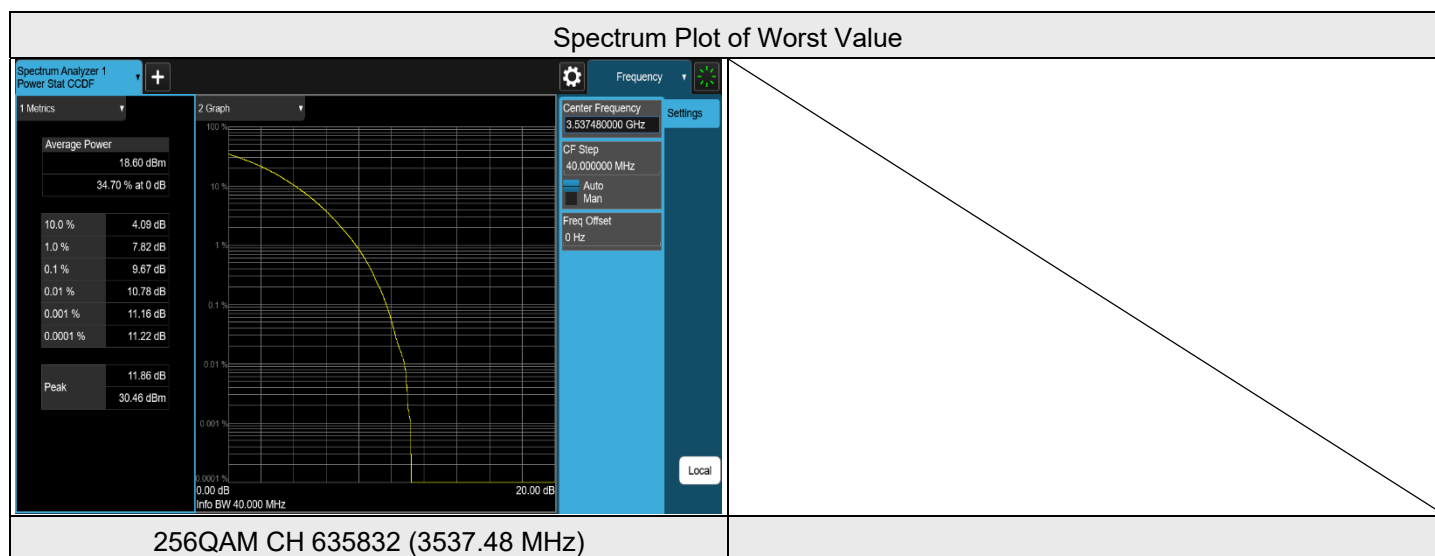
NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	630668	3460.02	7.35	13	PASS
QPSK	633334	3500.01	7.20	13	PASS
QPSK	636000	3540	6.94	13	PASS
BPSK	630668	3460.02	5.58	13	PASS
BPSK	633334	3500.01	5.64	13	PASS
BPSK	636000	3540	5.43	13	PASS
16QAM	630668	3460.02	7.23	13	PASS
16QAM	633334	3500.01	7.12	13	PASS
16QAM	636000	3540	7.68	13	PASS
64QAM	630668	3460.02	7.83	13	PASS
64QAM	633334	3500.01	8.52	13	PASS
64QAM	636000	3540	7.84	13	PASS
256QAM	630668	3460.02	9.17	13	PASS
256QAM	633334	3500.01	9.29	13	PASS
256QAM	636000	3540	9.33	13	PASS



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 25 MHz

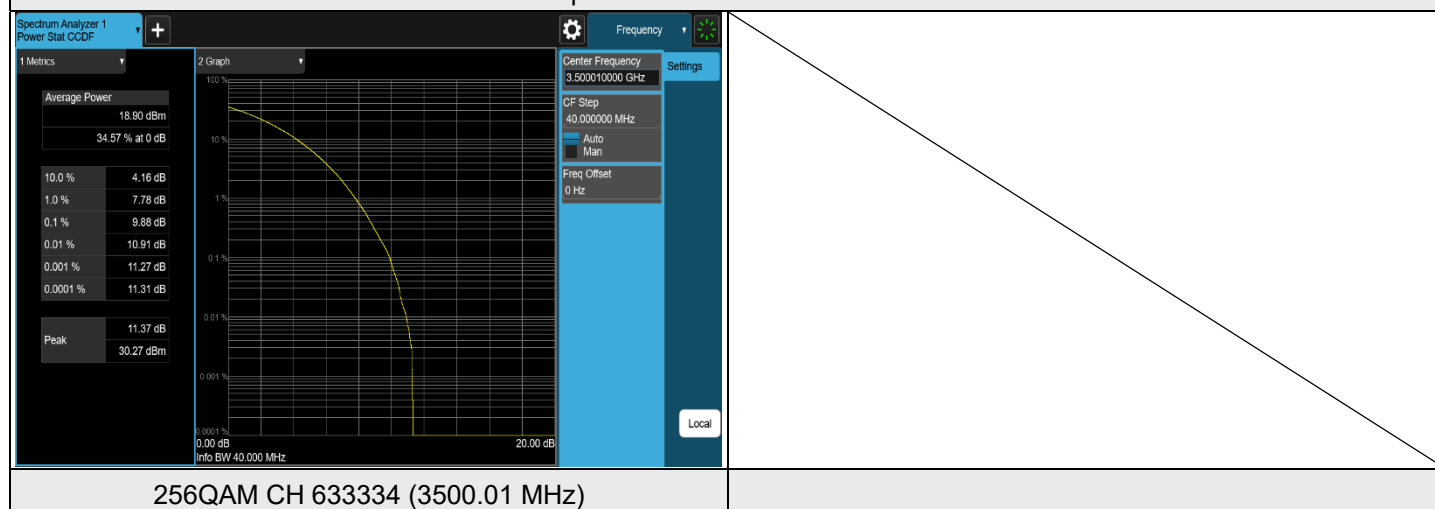
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	630834	3462.51	6.96	13	PASS
QPSK	633334	3500.01	7.93	13	PASS
QPSK	635832	3537.48	7.13	13	PASS
BPSK	630834	3462.51	5.37	13	PASS
BPSK	633334	3500.01	5.47	13	PASS
BPSK	635832	3537.48	5.73	13	PASS
16QAM	630834	3462.51	7.51	13	PASS
16QAM	633334	3500.01	7.56	13	PASS
16QAM	635832	3537.48	7.40	13	PASS
64QAM	630834	3462.51	7.48	13	PASS
64QAM	633334	3500.01	7.64	13	PASS
64QAM	635832	3537.48	7.56	13	PASS
256QAM	630834	3462.51	9.22	13	PASS
256QAM	633334	3500.01	8.94	13	PASS
256QAM	635832	3537.48	9.67	13	PASS



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 30 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	631000	3465	7.30	13	PASS
QPSK	633334	3500.01	7.33	13	PASS
QPSK	635666	3534.99	7.26	13	PASS
BPSK	631000	3465	5.18	13	PASS
BPSK	633334	3500.01	5.90	13	PASS
BPSK	635666	3534.99	5.68	13	PASS
16QAM	631000	3465	7.32	13	PASS
16QAM	633334	3500.01	7.43	13	PASS
16QAM	635666	3534.99	7.35	13	PASS
64QAM	631000	3465	7.47	13	PASS
64QAM	633334	3500.01	8.31	13	PASS
64QAM	635666	3534.99	7.81	13	PASS
256QAM	631000	3465	9.02	13	PASS
256QAM	633334	3500.01	9.88	13	PASS
256QAM	635666	3534.99	9.39	13	PASS

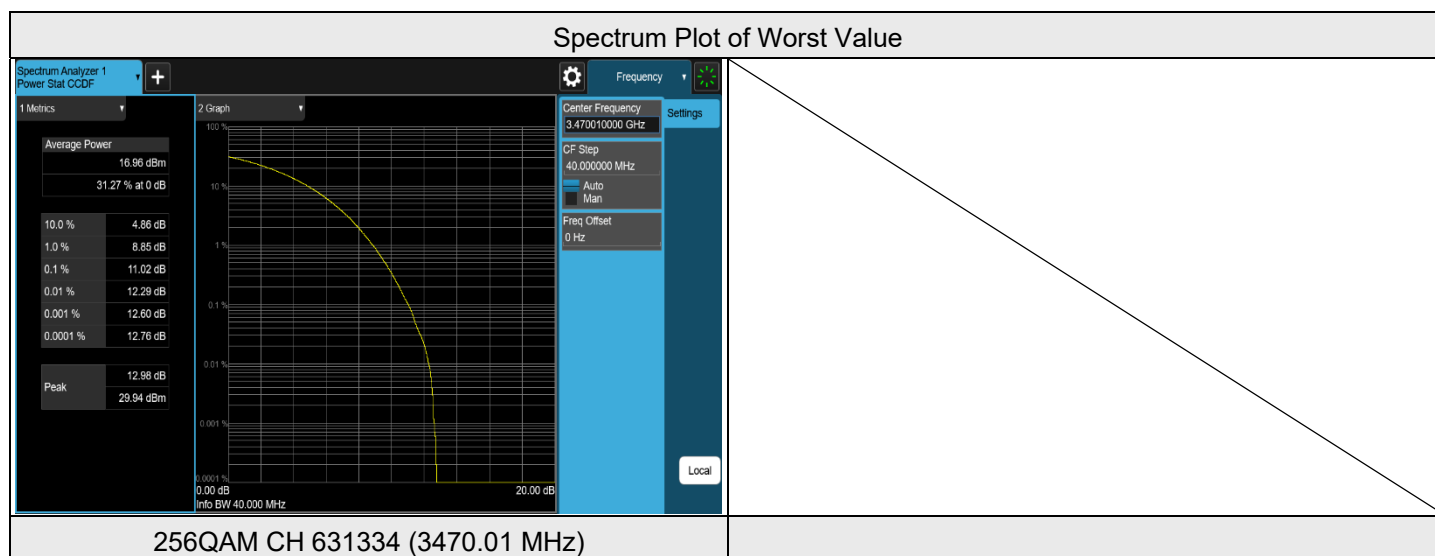
Spectrum Plot of Worst Value



256QAM CH 633334 (3500.01 MHz)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 40 MHz

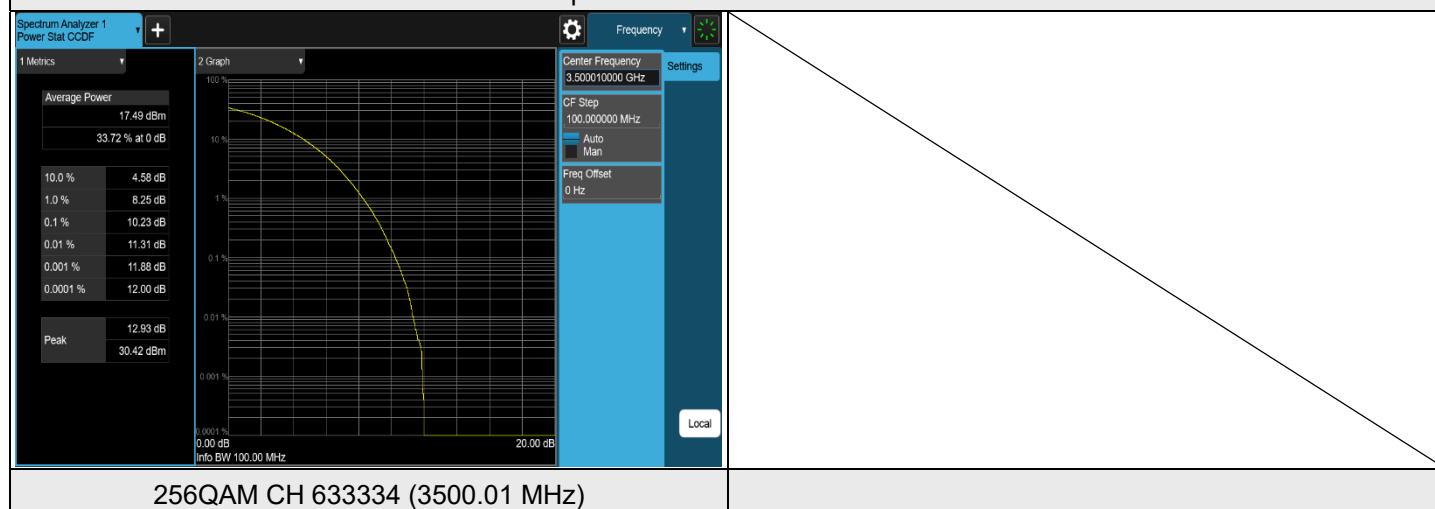
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	631334	3470.01	8.14	13	PASS
QPSK	633334	3500.01	8.08	13	PASS
QPSK	635332	3529.98	8.04	13	PASS
BPSK	631334	3470.01	5.81	13	PASS
BPSK	633334	3500.01	5.94	13	PASS
BPSK	635332	3529.98	5.50	13	PASS
16QAM	631334	3470.01	8.44	13	PASS
16QAM	633334	3500.01	9.13	13	PASS
16QAM	635332	3529.98	8.51	13	PASS
64QAM	631334	3470.01	8.79	13	PASS
64QAM	633334	3500.01	8.54	13	PASS
64QAM	635332	3529.98	8.91	13	PASS
256QAM	631334	3470.01	11.02	13	PASS
256QAM	633334	3500.01	10.37	13	PASS
256QAM	635332	3529.98	9.97	13	PASS



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 50 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	631668	3475.02	9.44	13	PASS
QPSK	633334	3500.01	7.76	13	PASS
QPSK	635000	3525	7.96	13	PASS
BPSK	631668	3475.02	4.98	13	PASS
BPSK	633334	3500.01	6.76	13	PASS
BPSK	635000	3525	7.05	13	PASS
16QAM	631668	3475.02	8.43	13	PASS
16QAM	633334	3500.01	8.39	13	PASS
16QAM	635000	3525	9.18	13	PASS
64QAM	631668	3475.02	8.98	13	PASS
64QAM	633334	3500.01	9.00	13	PASS
64QAM	635000	3525	8.61	13	PASS
256QAM	631668	3475.02	10.10	13	PASS
256QAM	633334	3500.01	10.23	13	PASS
256QAM	635000	3525	9.45	13	PASS

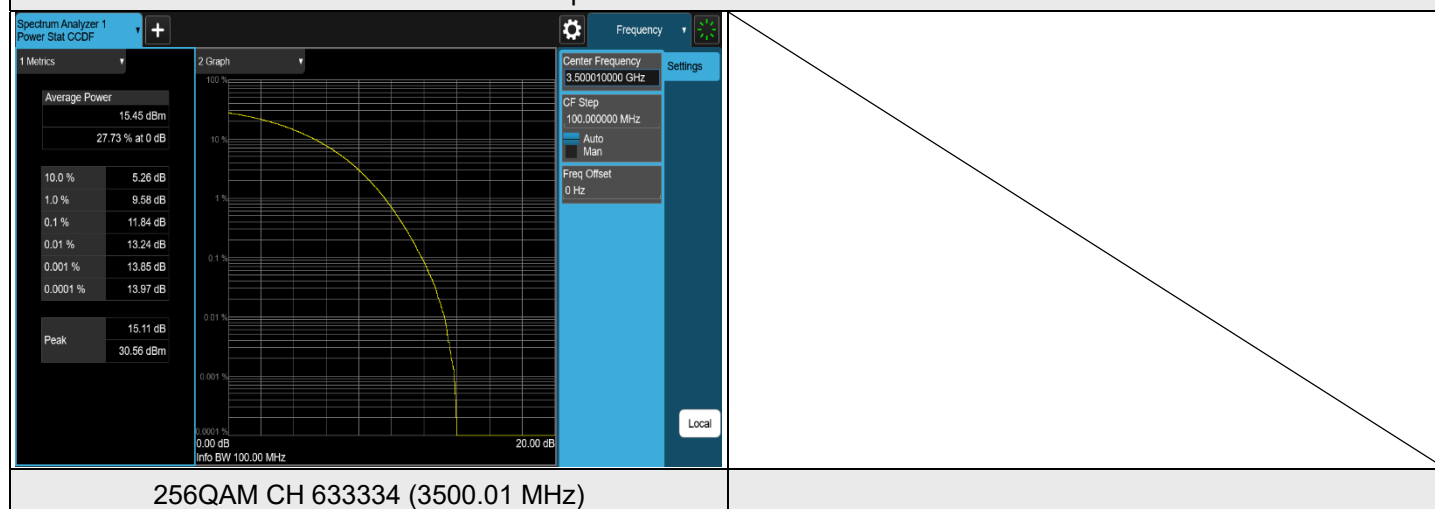
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 60 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	632000	3480	8.18	13	PASS
QPSK	633334	3500.01	9.42	13	PASS
QPSK	634666	3519.99	8.31	13	PASS
BPSK	632000	3480	5.46	13	PASS
BPSK	633334	3500.01	6.60	13	PASS
BPSK	634666	3519.99	6.54	13	PASS
16QAM	632000	3480	8.90	13	PASS
16QAM	633334	3500.01	9.03	13	PASS
16QAM	634666	3519.99	8.20	13	PASS
64QAM	632000	3480	8.45	13	PASS
64QAM	633334	3500.01	9.32	13	PASS
64QAM	634666	3519.99	9.43	13	PASS
256QAM	632000	3480	10.25	13	PASS
256QAM	633334	3500.01	11.84	13	PASS
256QAM	634666	3519.99	9.78	13	PASS

Spectrum Plot of Worst Value

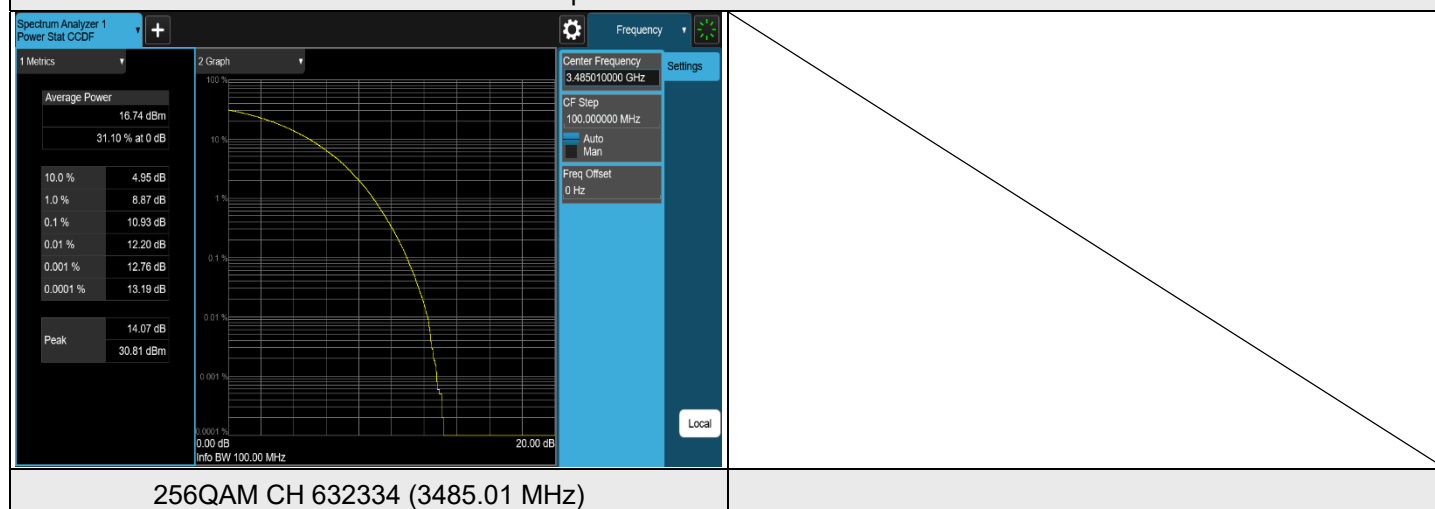


256QAM CH 633334 (3500.01 MHz)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 70 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	632334	3485.01	8.42	13	PASS
QPSK	633334	3500.01	8.14	13	PASS
QPSK	634332	3514.98	8.45	13	PASS
BPSK	632334	3485.01	6.01	13	PASS
BPSK	633334	3500.01	7.23	13	PASS
BPSK	634332	3514.98	6.06	13	PASS
16QAM	632334	3485.01	8.64	13	PASS
16QAM	633334	3500.01	8.50	13	PASS
16QAM	634332	3514.98	8.14	13	PASS
64QAM	632334	3485.01	9.44	13	PASS
64QAM	633334	3500.01	8.75	13	PASS
64QAM	634332	3514.98	9.50	13	PASS
256QAM	632334	3485.01	10.93	13	PASS
256QAM	633334	3500.01	9.59	13	PASS
256QAM	634332	3514.98	9.59	13	PASS

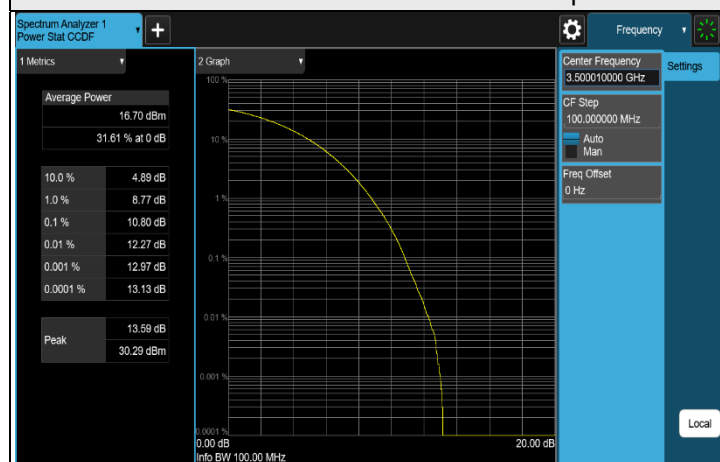
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 80 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	632668	3490.02	9.49	13	PASS
QPSK	633334	3500.01	10.20	13	PASS
QPSK	634000	3510	8.75	13	PASS
BPSK	632668	3490.02	5.93	13	PASS
BPSK	633334	3500.01	6.96	13	PASS
BPSK	634000	3510	6.75	13	PASS
16QAM	632668	3490.02	8.56	13	PASS
16QAM	633334	3500.01	7.42	13	PASS
16QAM	634000	3510	8.43	13	PASS
64QAM	632668	3490.02	9.68	13	PASS
64QAM	633334	3500.01	8.78	13	PASS
64QAM	634000	3510	9.75	13	PASS
256QAM	632668	3490.02	9.92	13	PASS
256QAM	633334	3500.01	10.80	13	PASS
256QAM	634000	3510	9.06	13	PASS

Spectrum Plot of Worst Value

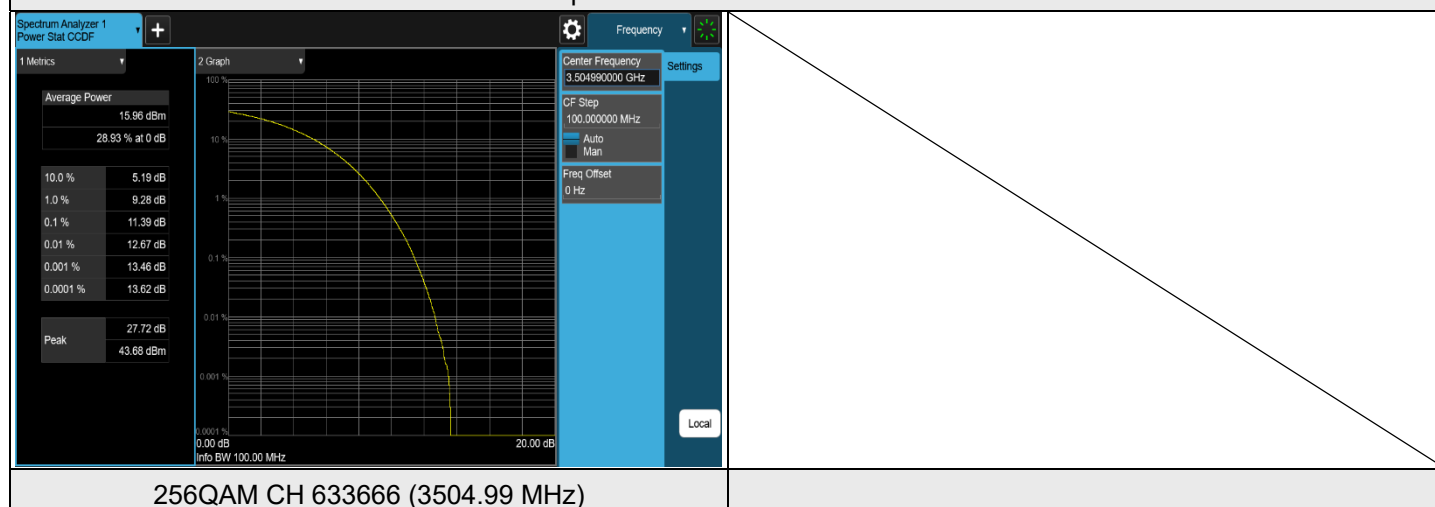


256QAM CH 633334 (3500.01 MHz)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 90 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	633000	3495	8.73	13	PASS
QPSK	633334	3500.01	8.78	13	PASS
QPSK	633666	3504.99	8.68	13	PASS
BPSK	633000	3495	6.40	13	PASS
BPSK	633334	3500.01	6.32	13	PASS
BPSK	633666	3504.99	6.08	13	PASS
16QAM	633000	3495	9.11	13	PASS
16QAM	633334	3500.01	8.72	13	PASS
16QAM	633666	3504.99	9.31	13	PASS
64QAM	633000	3495	9.59	13	PASS
64QAM	633334	3500.01	9.10	13	PASS
64QAM	633666	3504.99	9.15	13	PASS
256QAM	633000	3495	10.27	13	PASS
256QAM	633334	3500.01	9.94	13	PASS
256QAM	633666	3504.99	11.39	13	PASS

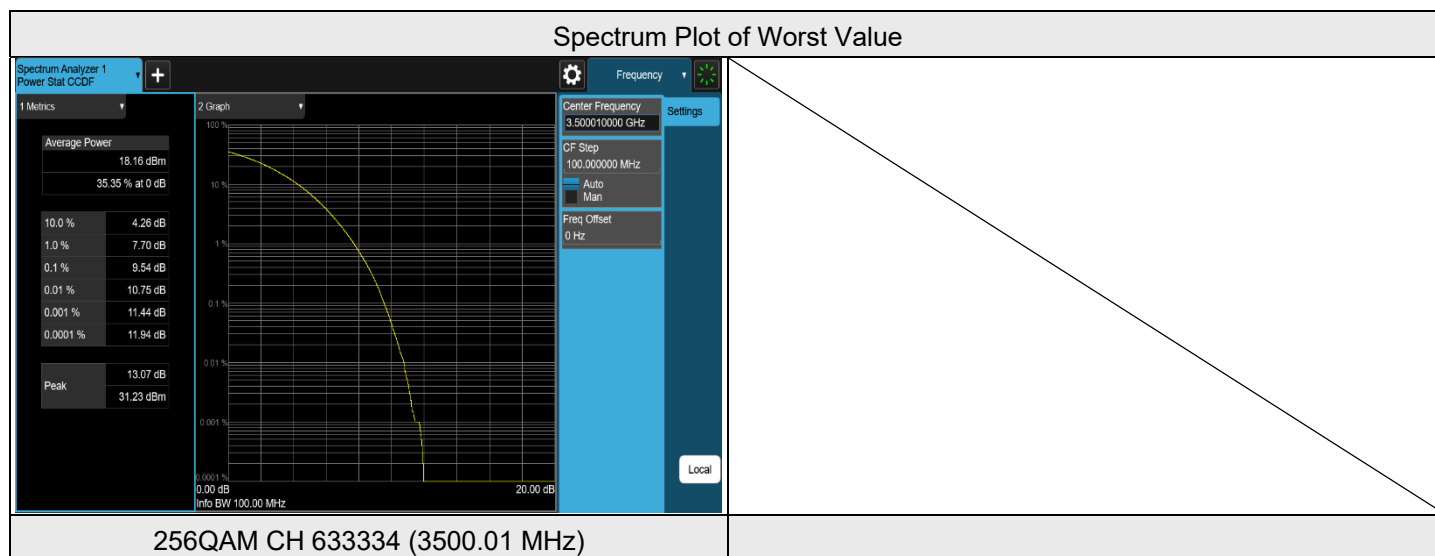
Spectrum Plot of Worst Value



256QAM CH 633666 (3504.99 MHz)

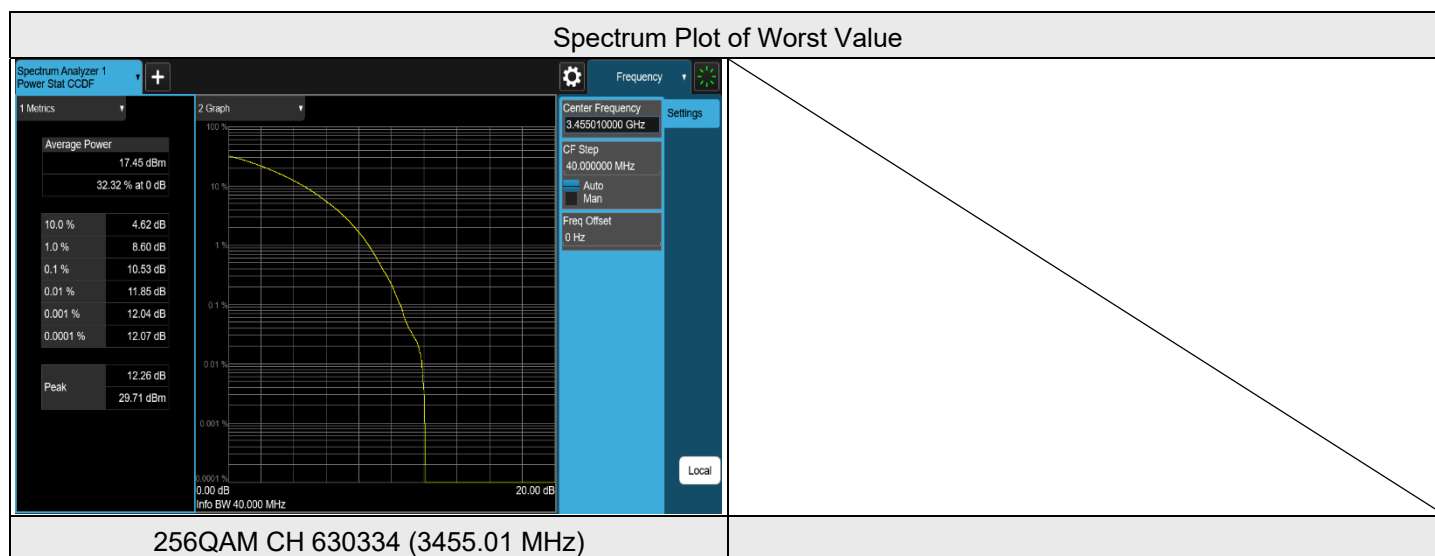
NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 100 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	633334	3500.01	9.40	13	PASS
BPSK	633334	3500.01	6.53	13	PASS
16QAM	633334	3500.01	9.17	13	PASS
64QAM	633334	3500.01	8.60	13	PASS
256QAM	633334	3500.01	9.54	13	PASS



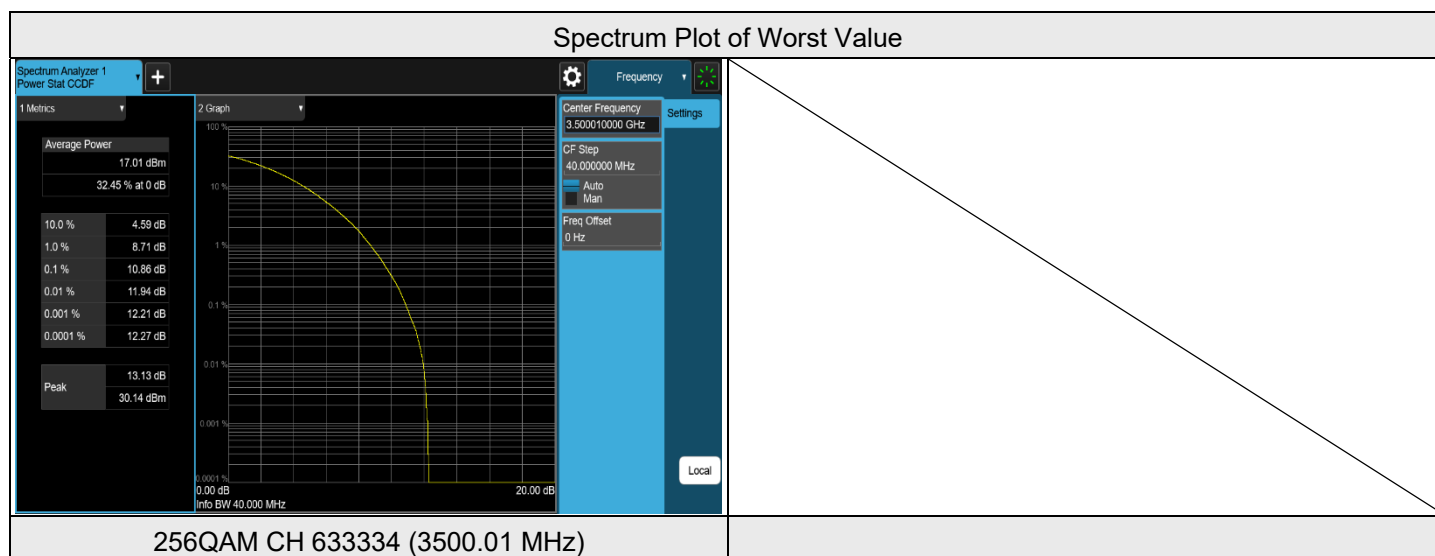
NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 3, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	630334	3455.01	7.93	13	PASS
QPSK	633334	3500.01	8.23	13	PASS
QPSK	636332	3544.98	8.42	13	PASS
BPSK	630334	3455.01	5.75	13	PASS
BPSK	633334	3500.01	5.66	13	PASS
BPSK	636332	3544.98	5.70	13	PASS
16QAM	630334	3455.01	8.19	13	PASS
16QAM	633334	3500.01	7.78	13	PASS
16QAM	636332	3544.98	8.48	13	PASS
64QAM	630334	3455.01	8.98	13	PASS
64QAM	633334	3500.01	9.07	13	PASS
64QAM	636332	3544.98	8.91	13	PASS
256QAM	630334	3455.01	10.53	13	PASS
256QAM	633334	3500.01	10.21	13	PASS
256QAM	636332	3544.98	10.04	13	PASS



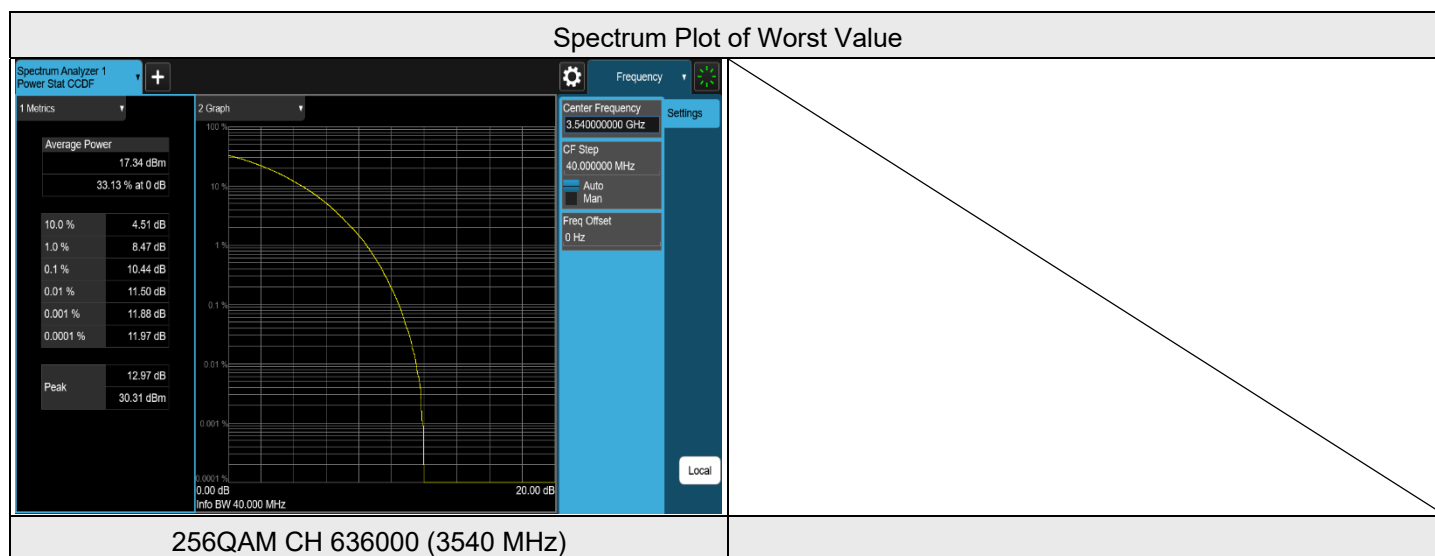
NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 3, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	630500	3457.5	8.07	13	PASS
QPSK	633334	3500.01	7.81	13	PASS
QPSK	636166	3542.49	8.26	13	PASS
BPSK	630500	3457.5	6.04	13	PASS
BPSK	633334	3500.01	6.01	13	PASS
BPSK	636166	3542.49	6.36	13	PASS
16QAM	630500	3457.5	8.01	13	PASS
16QAM	633334	3500.01	8.09	13	PASS
16QAM	636166	3542.49	8.47	13	PASS
64QAM	630500	3457.5	9.04	13	PASS
64QAM	633334	3500.01	9.05	13	PASS
64QAM	636166	3542.49	8.55	13	PASS
256QAM	630500	3457.5	10.57	13	PASS
256QAM	633334	3500.01	10.86	13	PASS
256QAM	636166	3542.49	10.80	13	PASS



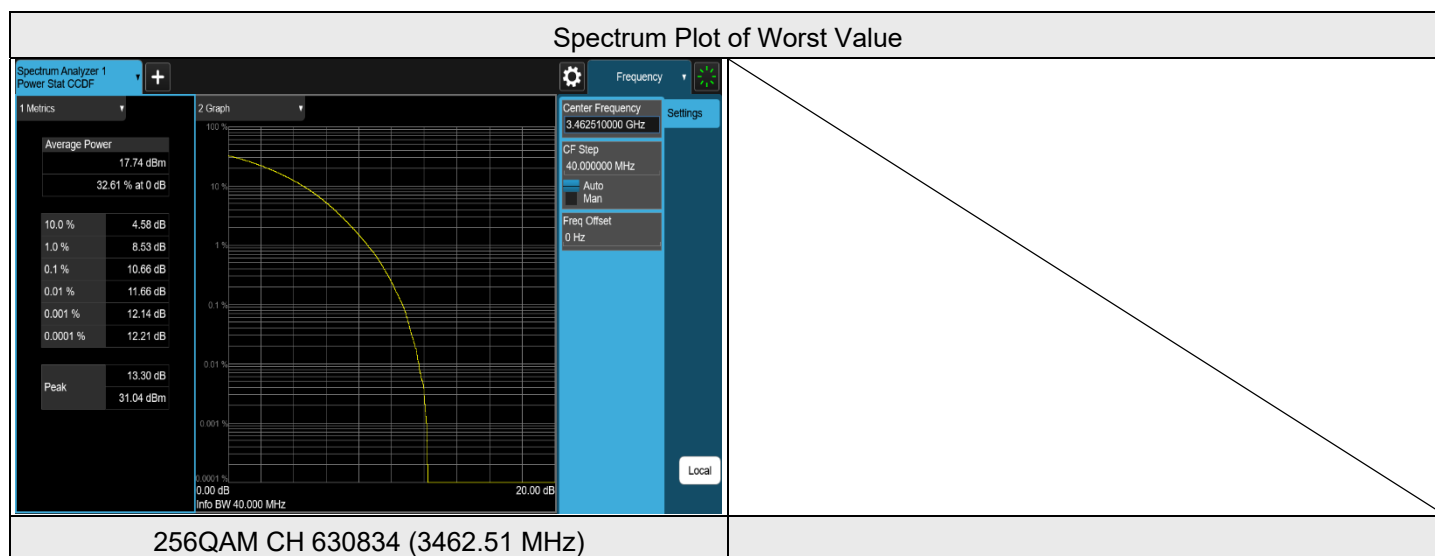
NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 3, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	630668	3460.02	8.79	13	PASS
QPSK	633334	3500.01	8.74	13	PASS
QPSK	636000	3540	8.32	13	PASS
BPSK	630668	3460.02	5.97	13	PASS
BPSK	633334	3500.01	5.99	13	PASS
BPSK	636000	3540	5.95	13	PASS
16QAM	630668	3460.02	8.34	13	PASS
16QAM	633334	3500.01	8.69	13	PASS
16QAM	636000	3540	8.54	13	PASS
64QAM	630668	3460.02	9.18	13	PASS
64QAM	633334	3500.01	9.10	13	PASS
64QAM	636000	3540	8.54	13	PASS
256QAM	630668	3460.02	10.12	13	PASS
256QAM	633334	3500.01	10.41	13	PASS
256QAM	636000	3540	10.44	13	PASS



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 3, Channel Bandwidth: 25 MHz

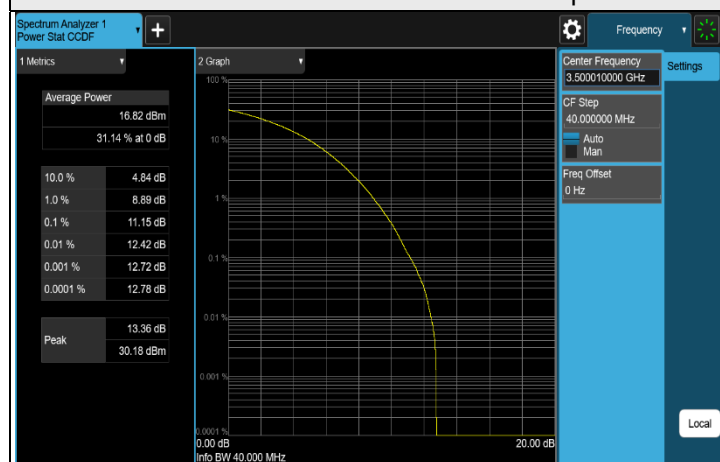
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	630834	3462.51	8.20	13	PASS
QPSK	633334	3500.01	9.05	13	PASS
QPSK	635832	3537.48	8.60	13	PASS
BPSK	630834	3462.51	6.29	13	PASS
BPSK	633334	3500.01	6.11	13	PASS
BPSK	635832	3537.48	5.85	13	PASS
16QAM	630834	3462.51	7.95	13	PASS
16QAM	633334	3500.01	8.25	13	PASS
16QAM	635832	3537.48	8.80	13	PASS
64QAM	630834	3462.51	9.73	13	PASS
64QAM	633334	3500.01	8.77	13	PASS
64QAM	635832	3537.48	10.04	13	PASS
256QAM	630834	3462.51	10.66	13	PASS
256QAM	633334	3500.01	10.39	13	PASS
256QAM	635832	3537.48	10.34	13	PASS



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 3, Channel Bandwidth: 30 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	631000	3465	8.21	13	PASS
QPSK	633334	3500.01	8.57	13	PASS
QPSK	635666	3534.99	8.76	13	PASS
BPSK	631000	3465	5.86	13	PASS
BPSK	633334	3500.01	5.89	13	PASS
BPSK	635666	3534.99	6.39	13	PASS
16QAM	631000	3465	8.12	13	PASS
16QAM	633334	3500.01	9.34	13	PASS
16QAM	635666	3534.99	8.49	13	PASS
64QAM	631000	3465	8.25	13	PASS
64QAM	633334	3500.01	8.67	13	PASS
64QAM	635666	3534.99	9.69	13	PASS
256QAM	631000	3465	10.15	13	PASS
256QAM	633334	3500.01	11.15	13	PASS
256QAM	635666	3534.99	9.45	13	PASS

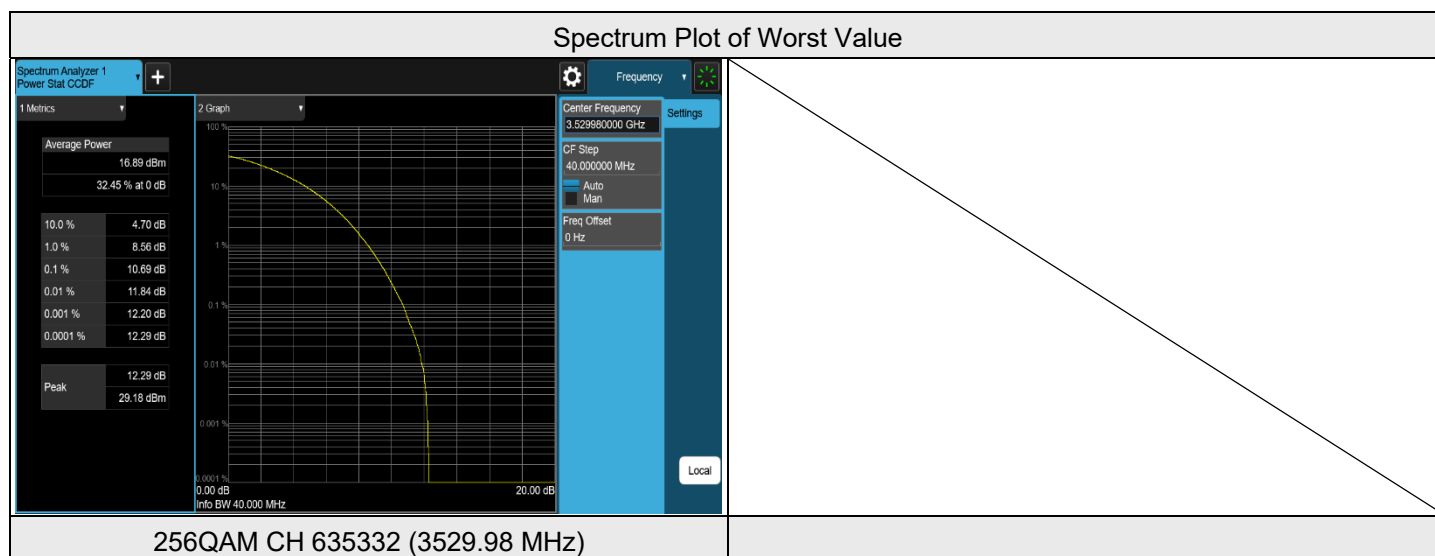
Spectrum Plot of Worst Value



256QAM CH 633334 (3500.01 MHz)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 3, Channel Bandwidth: 40 MHz

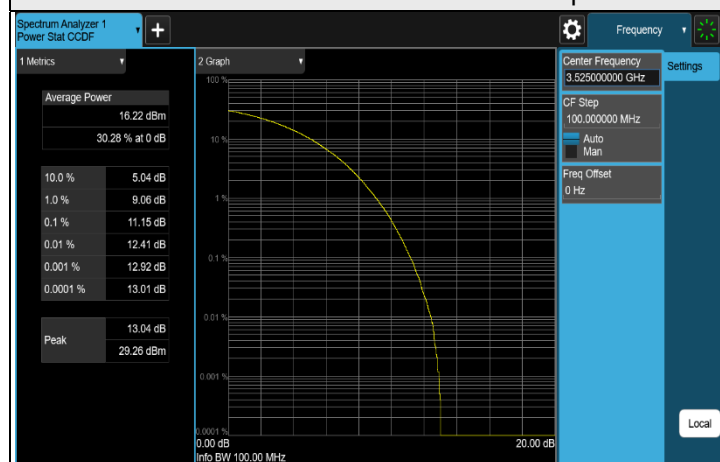
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	631334	3470.01	8.97	13	PASS
QPSK	633334	3500.01	8.91	13	PASS
QPSK	635332	3529.98	8.18	13	PASS
BPSK	631334	3470.01	5.71	13	PASS
BPSK	633334	3500.01	5.87	13	PASS
BPSK	635332	3529.98	5.83	13	PASS
16QAM	631334	3470.01	8.81	13	PASS
16QAM	633334	3500.01	8.22	13	PASS
16QAM	635332	3529.98	8.21	13	PASS
64QAM	631334	3470.01	8.76	13	PASS
64QAM	633334	3500.01	9.10	13	PASS
64QAM	635332	3529.98	9.22	13	PASS
256QAM	631334	3470.01	10.04	13	PASS
256QAM	633334	3500.01	9.95	13	PASS
256QAM	635332	3529.98	10.69	13	PASS



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 3, Channel Bandwidth: 50 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	631668	3475.02	9.21	13	PASS
QPSK	633334	3500.01	8.16	13	PASS
QPSK	635000	3525	8.39	13	PASS
BPSK	631668	3475.02	6.67	13	PASS
BPSK	633334	3500.01	6.10	13	PASS
BPSK	635000	3525	6.30	13	PASS
16QAM	631668	3475.02	9.20	13	PASS
16QAM	633334	3500.01	7.73	13	PASS
16QAM	635000	3525	8.29	13	PASS
64QAM	631668	3475.02	9.34	13	PASS
64QAM	633334	3500.01	8.20	13	PASS
64QAM	635000	3525	8.13	13	PASS
256QAM	631668	3475.02	9.94	13	PASS
256QAM	633334	3500.01	10.16	13	PASS
256QAM	635000	3525	11.15	13	PASS

Spectrum Plot of Worst Value

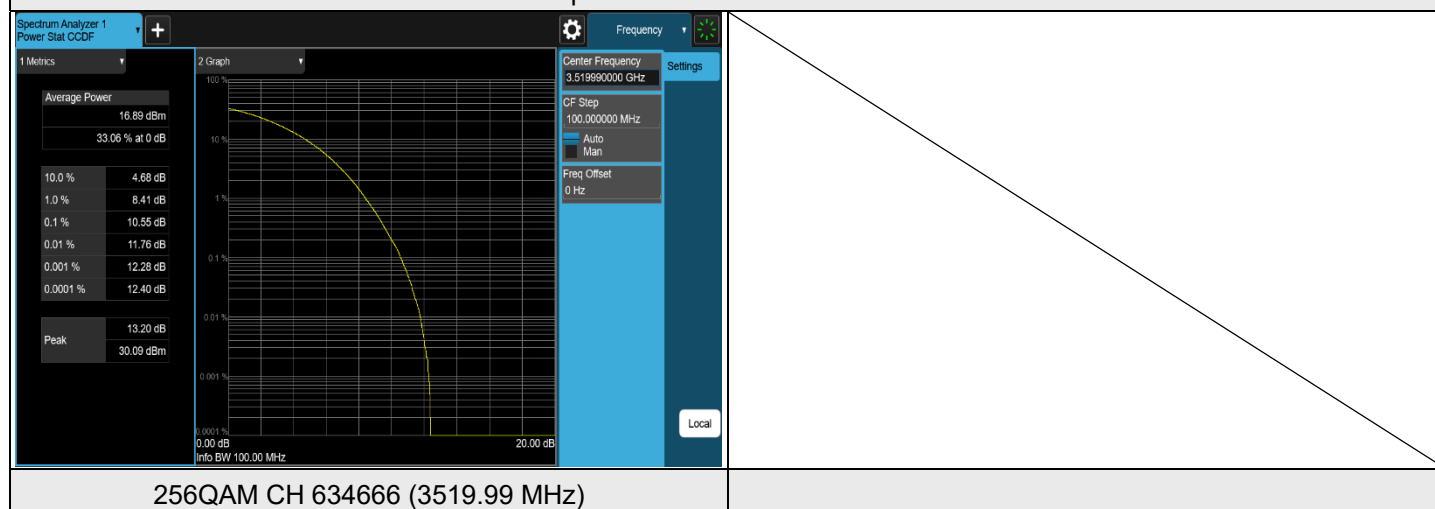


256QAM CH 635000 (3525 MHz)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 3, Channel Bandwidth: 60 MHz

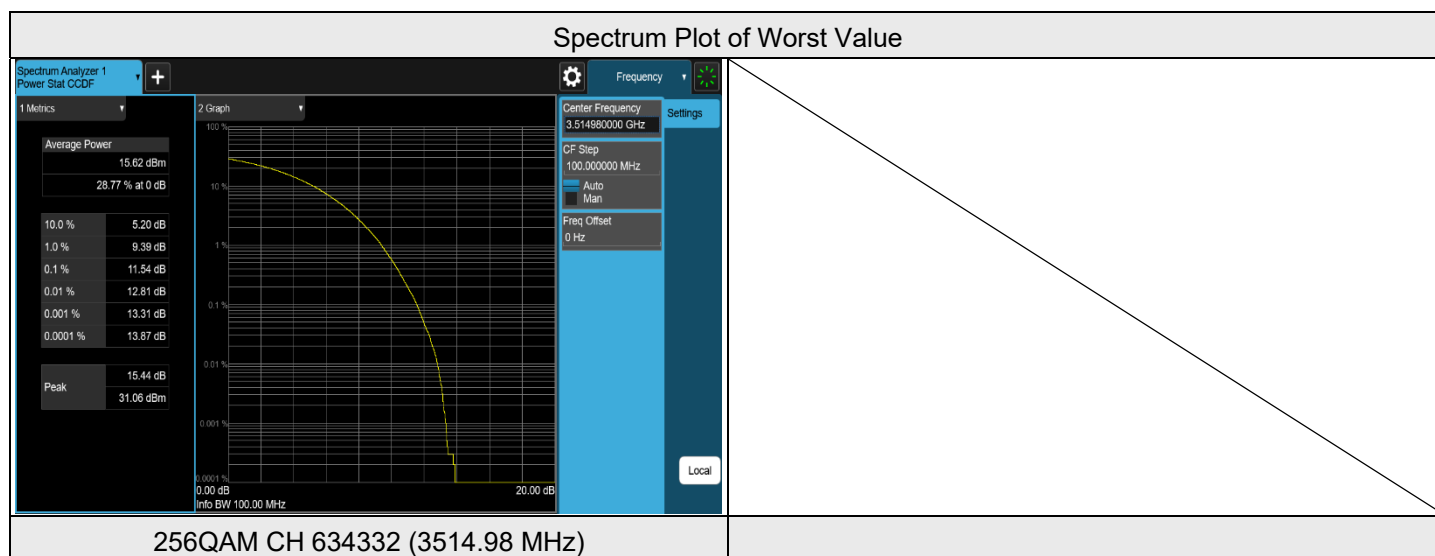
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	632000	3480	8.56	13	PASS
QPSK	633334	3500.01	7.65	13	PASS
QPSK	634666	3519.99	8.76	13	PASS
BPSK	632000	3480	5.27	13	PASS
BPSK	633334	3500.01	6.36	13	PASS
BPSK	634666	3519.99	6.44	13	PASS
16QAM	632000	3480	8.25	13	PASS
16QAM	633334	3500.01	8.68	13	PASS
16QAM	634666	3519.99	9.84	13	PASS
64QAM	632000	3480	10.27	13	PASS
64QAM	633334	3500.01	10.52	13	PASS
64QAM	634666	3519.99	9.03	13	PASS
256QAM	632000	3480	9.21	13	PASS
256QAM	633334	3500.01	9.58	13	PASS
256QAM	634666	3519.99	10.55	13	PASS

Spectrum Plot of Worst Value



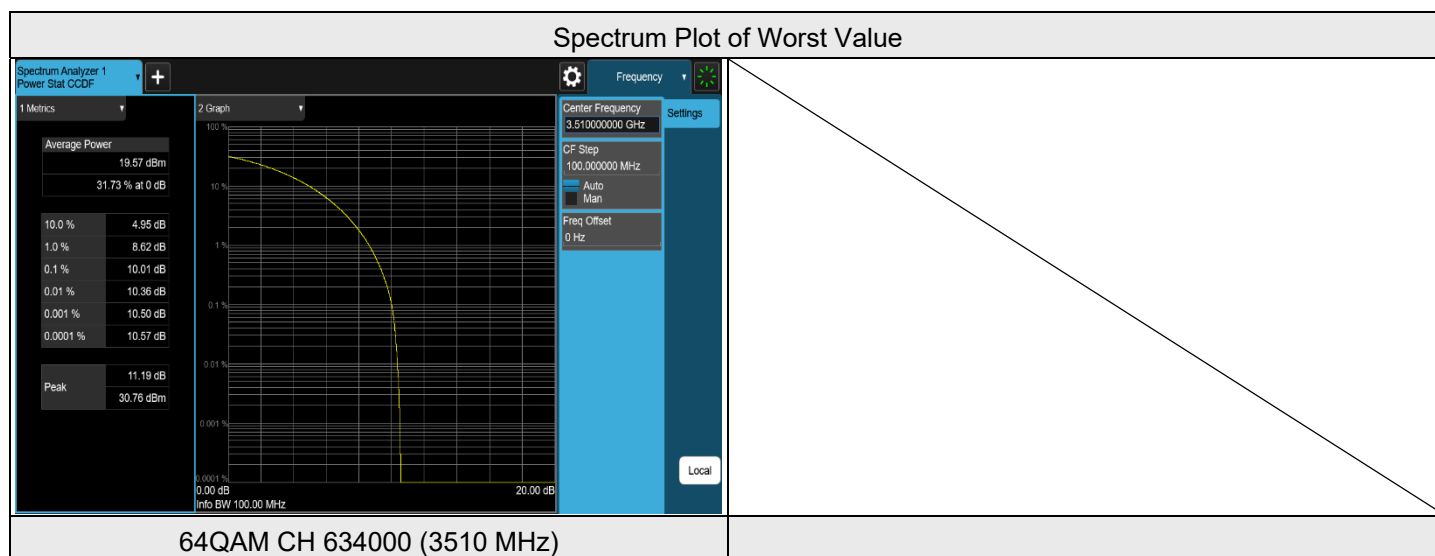
NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 3, Channel Bandwidth: 70 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	632334	3485.01	7.30	13	PASS
QPSK	633334	3500.01	7.71	13	PASS
QPSK	634332	3514.98	9.59	13	PASS
BPSK	632334	3485.01	7.16	13	PASS
BPSK	633334	3500.01	6.88	13	PASS
BPSK	634332	3514.98	7.44	13	PASS
16QAM	632334	3485.01	8.07	13	PASS
16QAM	633334	3500.01	8.60	13	PASS
16QAM	634332	3514.98	8.31	13	PASS
64QAM	632334	3485.01	9.47	13	PASS
64QAM	633334	3500.01	9.67	13	PASS
64QAM	634332	3514.98	8.86	13	PASS
256QAM	632334	3485.01	9.79	13	PASS
256QAM	633334	3500.01	11.33	13	PASS
256QAM	634332	3514.98	11.54	13	PASS



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 3, Channel Bandwidth: 80 MHz

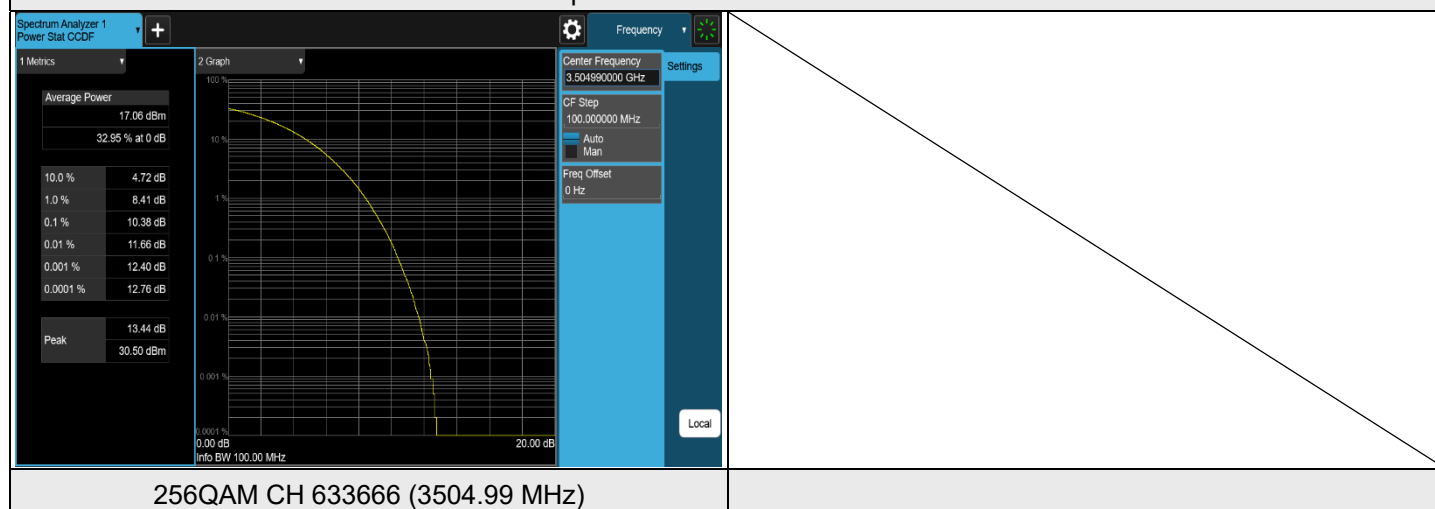
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	632668	3490.02	8.61	13	PASS
QPSK	633334	3500.01	9.94	13	PASS
QPSK	634000	3510	8.83	13	PASS
BPSK	632668	3490.02	6.48	13	PASS
BPSK	633334	3500.01	6.12	13	PASS
BPSK	634000	3510	6.30	13	PASS
16QAM	632668	3490.02	8.76	13	PASS
16QAM	633334	3500.01	8.76	13	PASS
16QAM	634000	3510	9.53	13	PASS
64QAM	632668	3490.02	9.02	13	PASS
64QAM	633334	3500.01	9.49	13	PASS
64QAM	634000	3510	10.01	13	PASS
256QAM	632668	3490.02	9.63	13	PASS
256QAM	633334	3500.01	9.10	13	PASS
256QAM	634000	3510	9.57	13	PASS



NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 3, Channel Bandwidth: 90 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	633000	3495	8.04	13	PASS
QPSK	633334	3500.01	8.42	13	PASS
QPSK	633666	3504.99	8.12	13	PASS
BPSK	633000	3495	5.82	13	PASS
BPSK	633334	3500.01	5.74	13	PASS
BPSK	633666	3504.99	7.10	13	PASS
16QAM	633000	3495	9.09	13	PASS
16QAM	633334	3500.01	9.71	13	PASS
16QAM	633666	3504.99	8.75	13	PASS
64QAM	633000	3495	8.74	13	PASS
64QAM	633334	3500.01	9.67	13	PASS
64QAM	633666	3504.99	9.23	13	PASS
256QAM	633000	3495	9.59	13	PASS
256QAM	633334	3500.01	9.62	13	PASS
256QAM	633666	3504.99	10.38	13	PASS

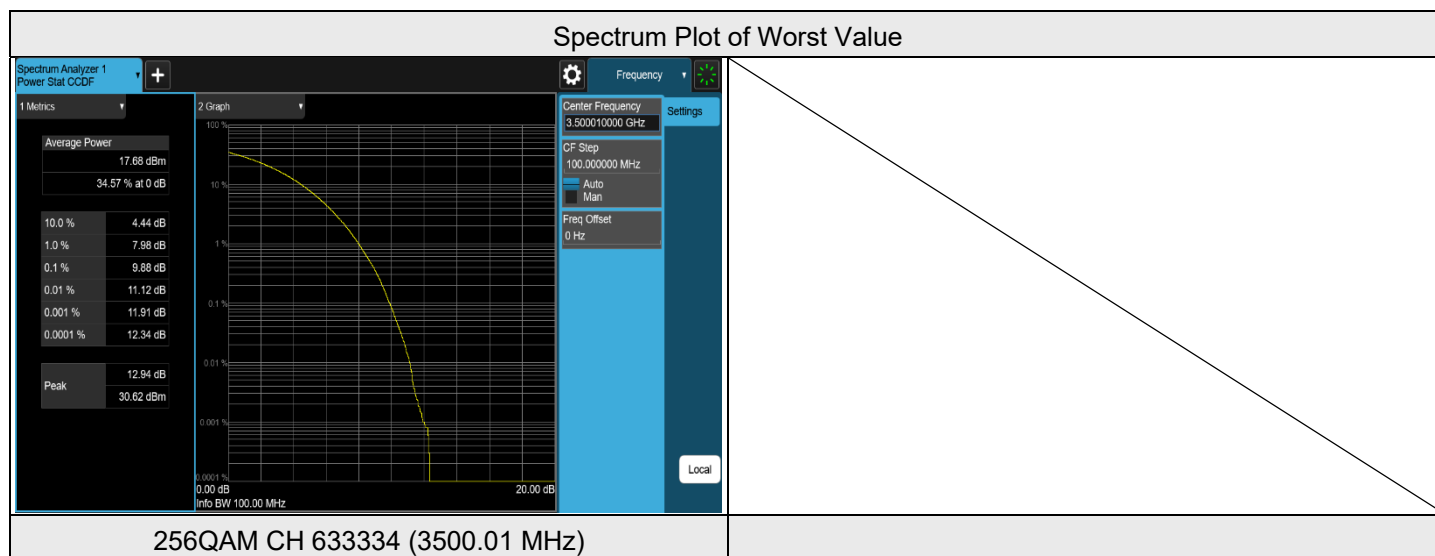
Spectrum Plot of Worst Value



256QAM CH 633666 (3504.99 MHz)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), PC1.5_MIMO-Ant 3, Channel Bandwidth: 100 MHz

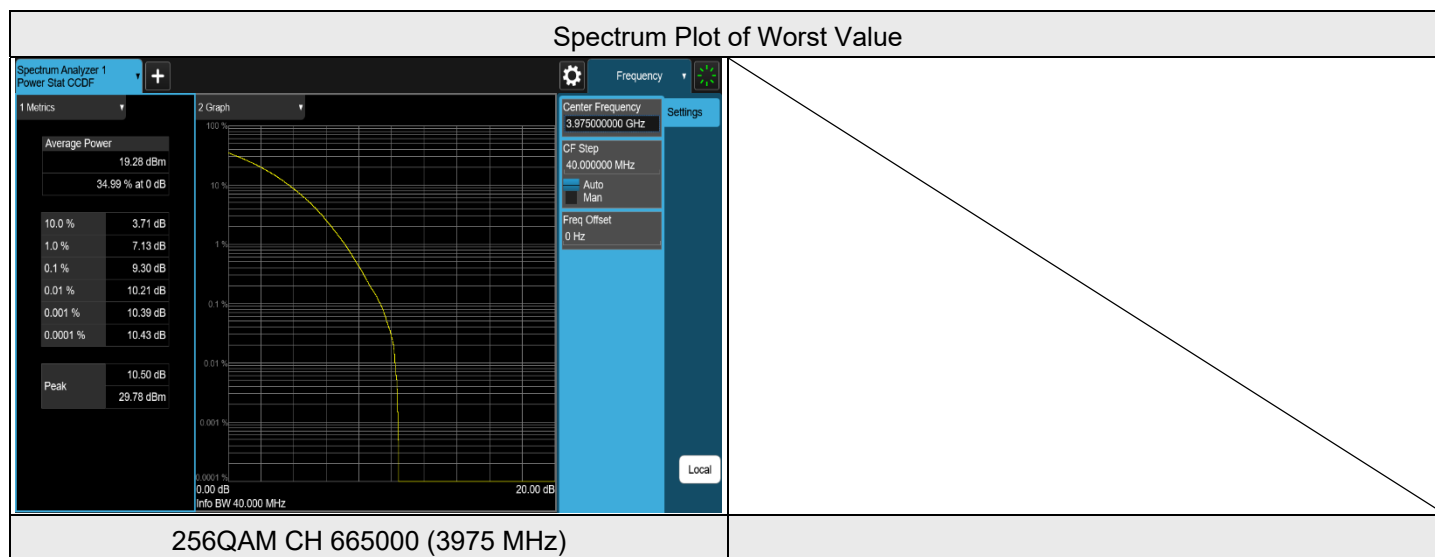
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	633334	3500.01	8.81	13	PASS
BPSK	633334	3500.01	6.20	13	PASS
16QAM	633334	3500.01	8.14	13	PASS
64QAM	633334	3500.01	9.13	13	PASS
256QAM	633334	3500.01	9.88	13	PASS



7.3.16NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz)

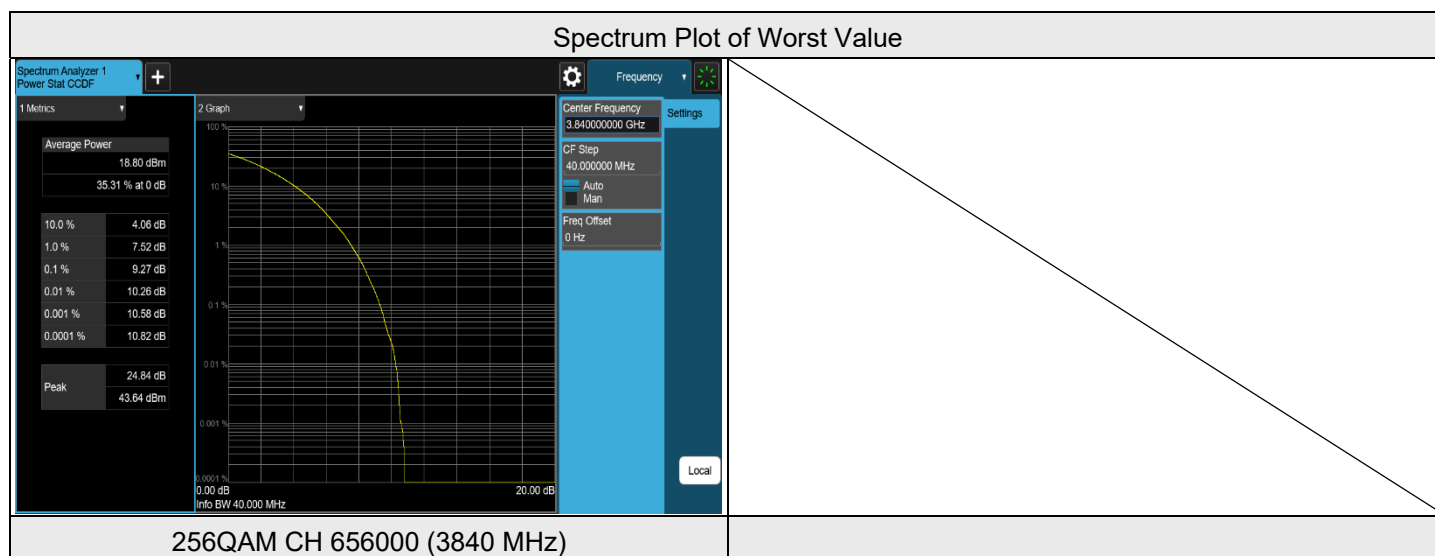
NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	647000	3705	7.27	13	PASS
QPSK	656000	3840	7.45	13	PASS
QPSK	665000	3975	7.26	13	PASS
BPSK	647000	3705	6.05	13	PASS
BPSK	656000	3840	4.37	13	PASS
BPSK	665000	3975	5.47	13	PASS
16QAM	647000	3705	6.46	13	PASS
16QAM	656000	3840	6.77	13	PASS
16QAM	665000	3975	7.31	13	PASS
64QAM	647000	3705	7.96	13	PASS
64QAM	656000	3840	7.95	13	PASS
64QAM	665000	3975	7.95	13	PASS
256QAM	647000	3705	8.98	13	PASS
256QAM	656000	3840	9.23	13	PASS
256QAM	665000	3975	9.30	13	PASS



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 15 MHz

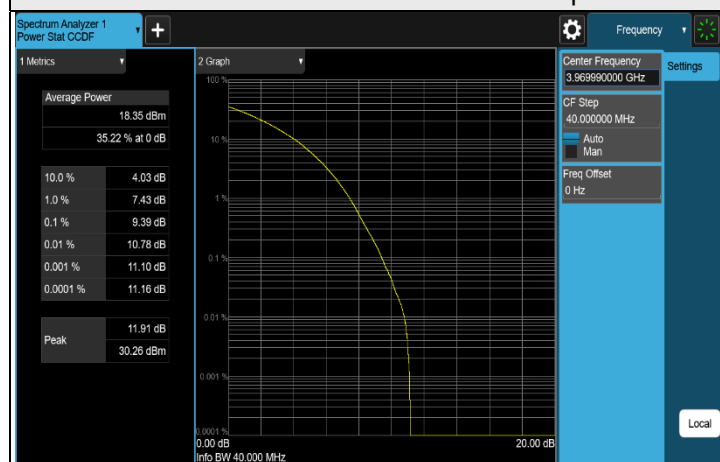
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	647168	3707.52	7.03	13	PASS
QPSK	656000	3840	7.06	13	PASS
QPSK	664832	3972.48	7.71	13	PASS
BPSK	647168	3707.52	5.25	13	PASS
BPSK	656000	3840	5.12	13	PASS
BPSK	664832	3972.48	5.16	13	PASS
16QAM	647168	3707.52	6.66	13	PASS
16QAM	656000	3840	6.89	13	PASS
16QAM	664832	3972.48	7.63	13	PASS
64QAM	647168	3707.52	7.55	13	PASS
64QAM	656000	3840	7.54	13	PASS
64QAM	664832	3972.48	7.89	13	PASS
256QAM	647168	3707.52	8.64	13	PASS
256QAM	656000	3840	9.27	13	PASS
256QAM	664832	3972.48	9.06	13	PASS



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	647334	3710.01	7.58	13	PASS
QPSK	656000	3840	7.48	13	PASS
QPSK	664666	3969.99	7.51	13	PASS
BPSK	647334	3710.01	5.74	13	PASS
BPSK	656000	3840	5.51	13	PASS
BPSK	664666	3969.99	5.31	13	PASS
16QAM	647334	3710.01	6.94	13	PASS
16QAM	656000	3840	7.43	13	PASS
16QAM	664666	3969.99	7.86	13	PASS
64QAM	647334	3710.01	7.97	13	PASS
64QAM	656000	3840	7.47	13	PASS
64QAM	664666	3969.99	7.97	13	PASS
256QAM	647334	3710.01	8.78	13	PASS
256QAM	656000	3840	8.87	13	PASS
256QAM	664666	3969.99	9.39	13	PASS

Spectrum Plot of Worst Value

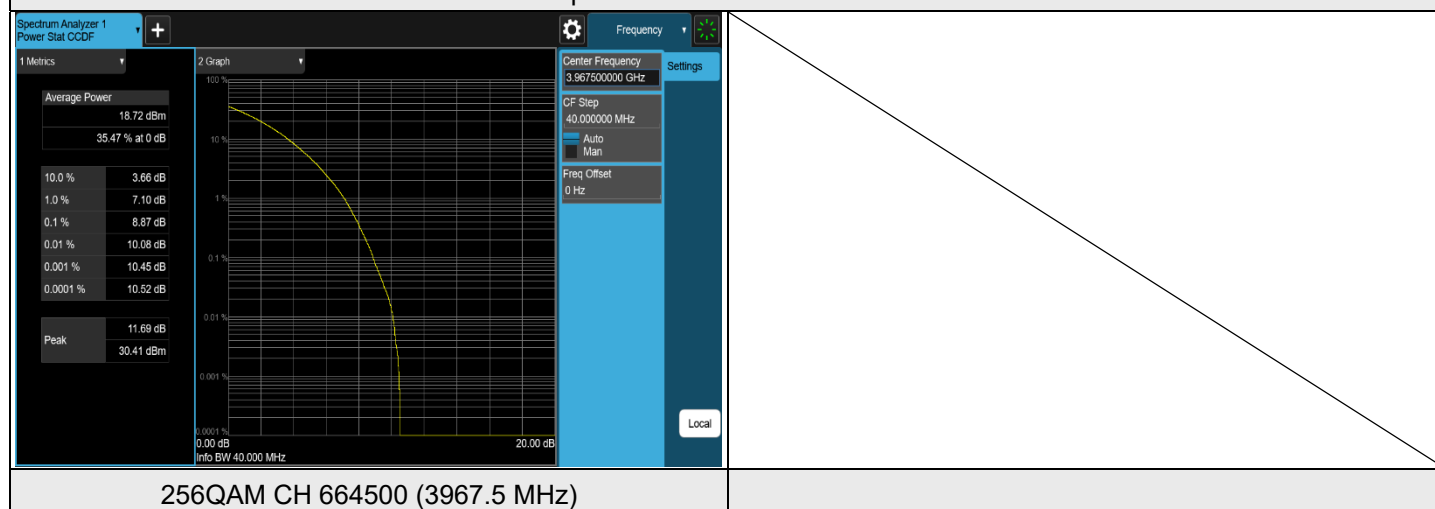


256QAM CH 664666 (3969.99 MHz)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 25 MHz

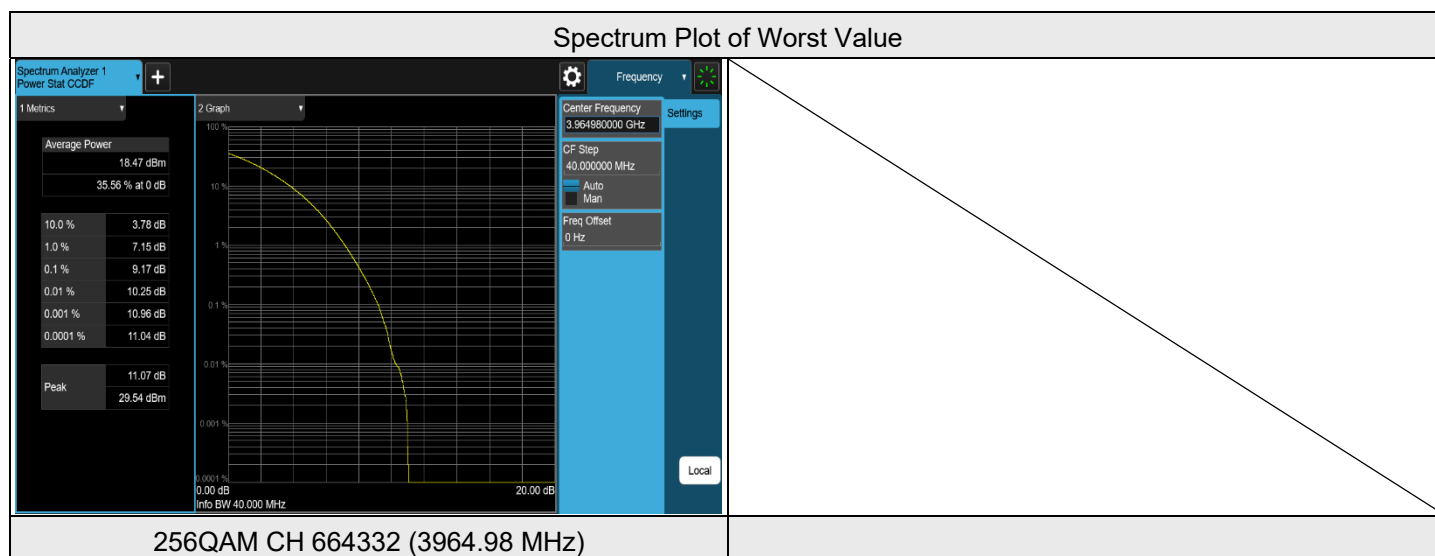
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	647500	3712.5	7.59	13	PASS
QPSK	656000	3840	7.37	13	PASS
QPSK	664500	3967.5	8.09	13	PASS
BPSK	647500	3712.5	5.69	13	PASS
BPSK	656000	3840	5.40	13	PASS
BPSK	664500	3967.5	4.77	13	PASS
16QAM	647500	3712.5	7.20	13	PASS
16QAM	656000	3840	7.47	13	PASS
16QAM	664500	3967.5	7.44	13	PASS
64QAM	647500	3712.5	7.81	13	PASS
64QAM	656000	3840	7.75	13	PASS
64QAM	664500	3967.5	7.94	13	PASS
256QAM	647500	3712.5	8.72	13	PASS
256QAM	656000	3840	8.86	13	PASS
256QAM	664500	3967.5	8.87	13	PASS

Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 30 MHz

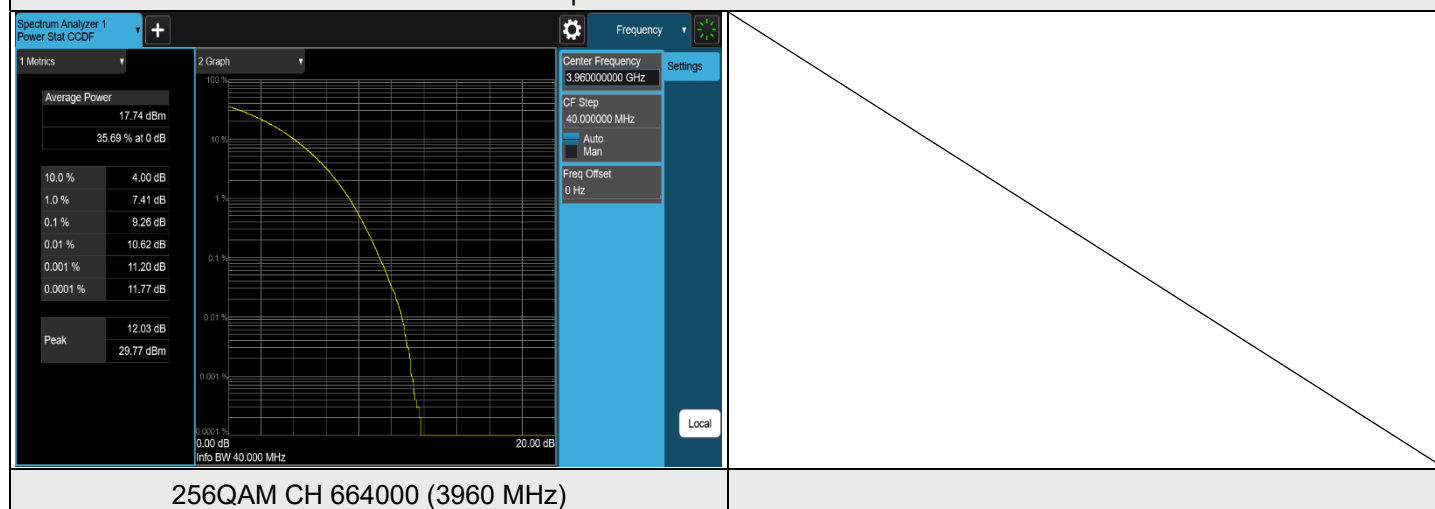
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	647668	3715.02	7.21	13	PASS
QPSK	656000	3840	7.63	13	PASS
QPSK	664332	3964.98	7.54	13	PASS
BPSK	647668	3715.02	5.04	13	PASS
BPSK	656000	3840	5.24	13	PASS
BPSK	664332	3964.98	5.06	13	PASS
16QAM	647668	3715.02	7.53	13	PASS
16QAM	656000	3840	7.53	13	PASS
16QAM	664332	3964.98	8.14	13	PASS
64QAM	647668	3715.02	7.42	13	PASS
64QAM	656000	3840	7.61	13	PASS
64QAM	664332	3964.98	8.36	13	PASS
256QAM	647668	3715.02	8.84	13	PASS
256QAM	656000	3840	8.88	13	PASS
256QAM	664332	3964.98	9.17	13	PASS



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 40 MHz

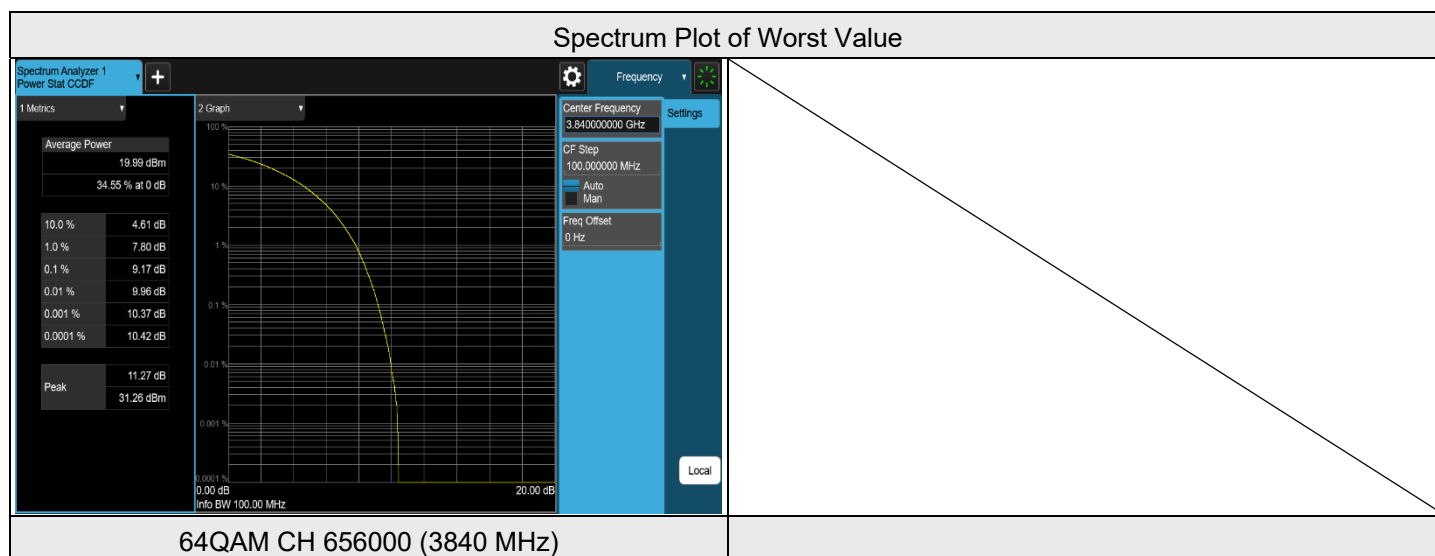
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	648000	3720	7.76	13	PASS
QPSK	656000	3840	7.44	13	PASS
QPSK	664000	3960	7.56	13	PASS
BPSK	648000	3720	5.39	13	PASS
BPSK	656000	3840	5.37	13	PASS
BPSK	664000	3960	5.19	13	PASS
16QAM	648000	3720	7.77	13	PASS
16QAM	656000	3840	7.61	13	PASS
16QAM	664000	3960	7.65	13	PASS
64QAM	648000	3720	7.56	13	PASS
64QAM	656000	3840	7.77	13	PASS
64QAM	664000	3960	8.22	13	PASS
256QAM	648000	3720	8.77	13	PASS
256QAM	656000	3840	8.97	13	PASS
256QAM	664000	3960	9.26	13	PASS

Spectrum Plot of Worst Value



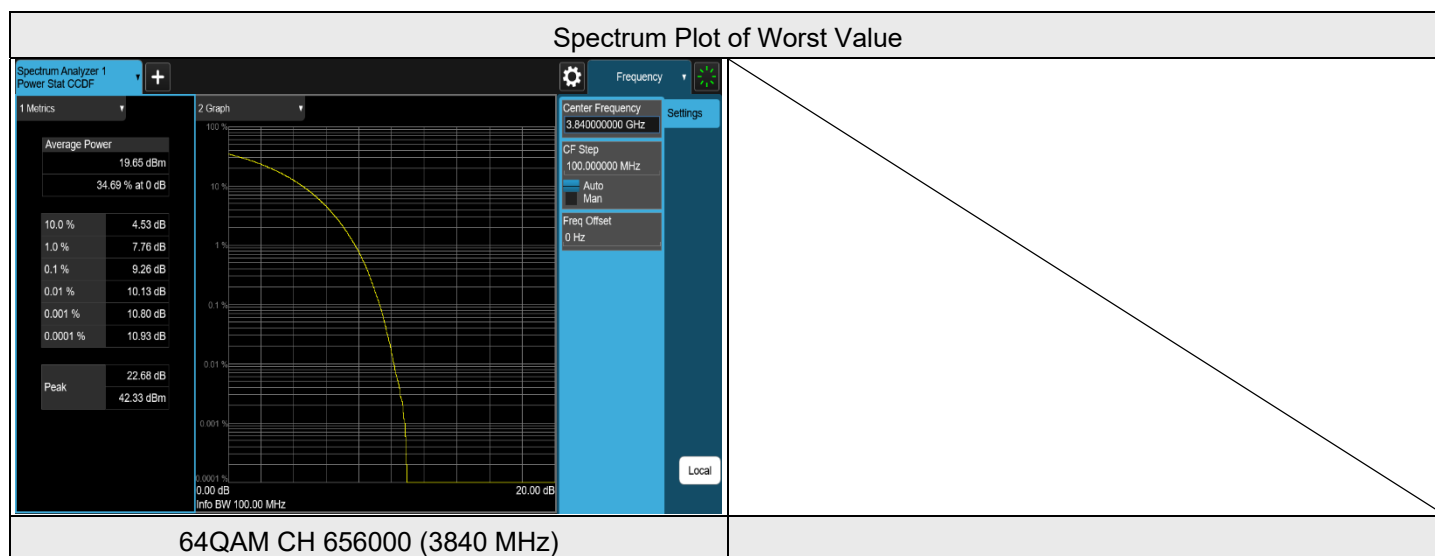
NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 50 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	648334	3725.01	7.44	13	PASS
QPSK	656000	3840	8.37	13	PASS
QPSK	663666	3954.99	7.85	13	PASS
BPSK	648334	3725.01	4.51	13	PASS
BPSK	656000	3840	4.54	13	PASS
BPSK	663666	3954.99	4.27	13	PASS
16QAM	648334	3725.01	7.49	13	PASS
16QAM	656000	3840	7.72	13	PASS
16QAM	663666	3954.99	8.28	13	PASS
64QAM	648334	3725.01	7.92	13	PASS
64QAM	656000	3840	9.17	13	PASS
64QAM	663666	3954.99	8.51	13	PASS
256QAM	648334	3725.01	8.90	13	PASS
256QAM	656000	3840	8.98	13	PASS
256QAM	663666	3954.99	8.84	13	PASS



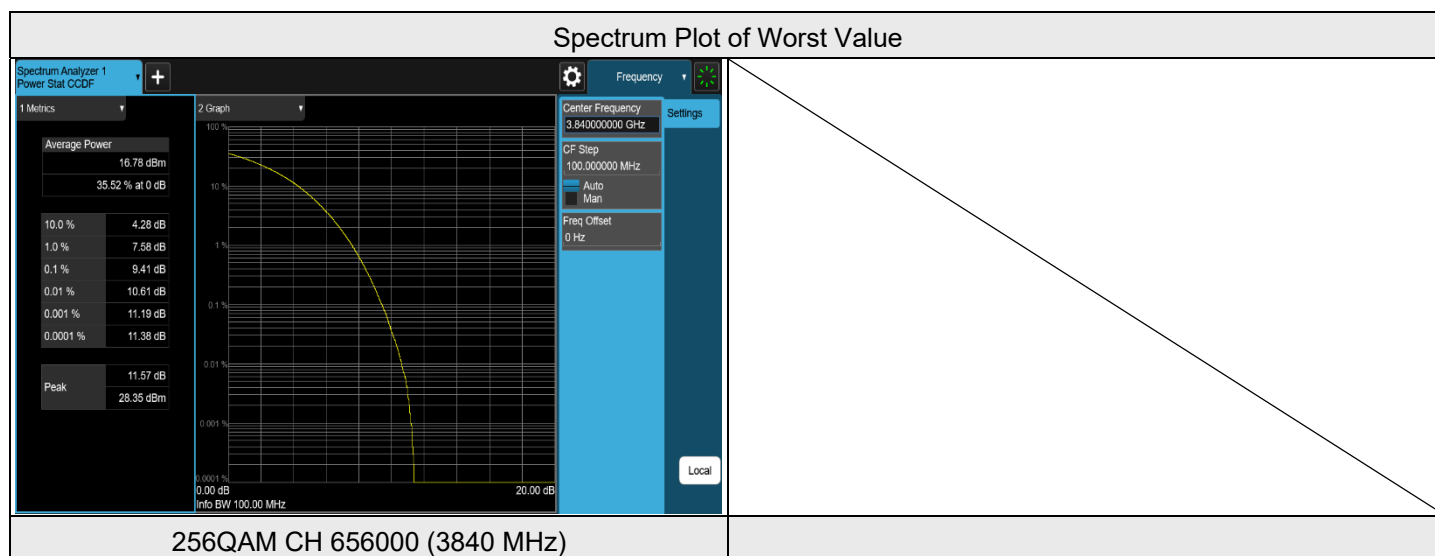
NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 60 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	648668	3730.02	7.63	13	PASS
QPSK	656000	3840	7.84	13	PASS
QPSK	663332	3949.98	7.97	13	PASS
BPSK	648668	3730.02	4.53	13	PASS
BPSK	656000	3840	4.78	13	PASS
BPSK	663332	3949.98	4.31	13	PASS
16QAM	648668	3730.02	8.50	13	PASS
16QAM	656000	3840	8.25	13	PASS
16QAM	663332	3949.98	7.95	13	PASS
64QAM	648668	3730.02	7.50	13	PASS
64QAM	656000	3840	9.26	13	PASS
64QAM	663332	3949.98	8.61	13	PASS
256QAM	648668	3730.02	8.68	13	PASS
256QAM	656000	3840	8.79	13	PASS
256QAM	663332	3949.98	8.71	13	PASS



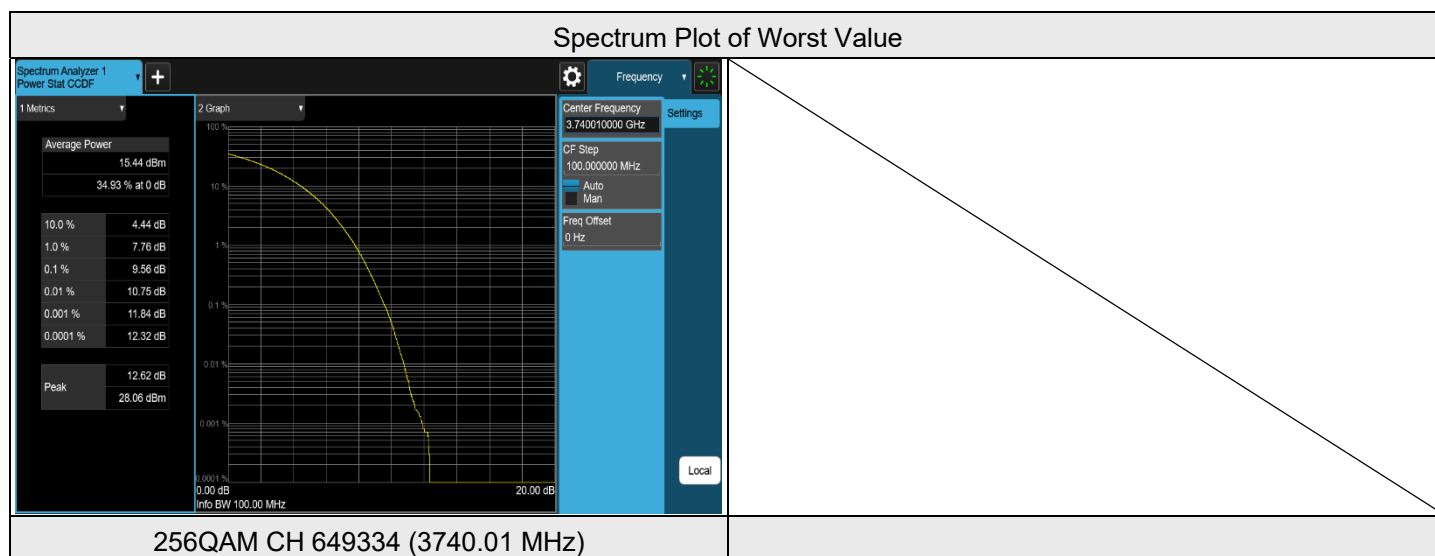
NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 70 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	649000	3735	7.42	13	PASS
QPSK	656000	3840	8.03	13	PASS
QPSK	663000	3945	8.11	13	PASS
BPSK	649000	3735	4.83	13	PASS
BPSK	656000	3840	5.11	13	PASS
BPSK	663000	3945	4.25	13	PASS
16QAM	649000	3735	7.46	13	PASS
16QAM	656000	3840	8.93	13	PASS
16QAM	663000	3945	8.42	13	PASS
64QAM	649000	3735	8.45	13	PASS
64QAM	656000	3840	8.96	13	PASS
64QAM	663000	3945	8.03	13	PASS
256QAM	649000	3735	8.36	13	PASS
256QAM	656000	3840	9.41	13	PASS
256QAM	663000	3945	8.74	13	PASS



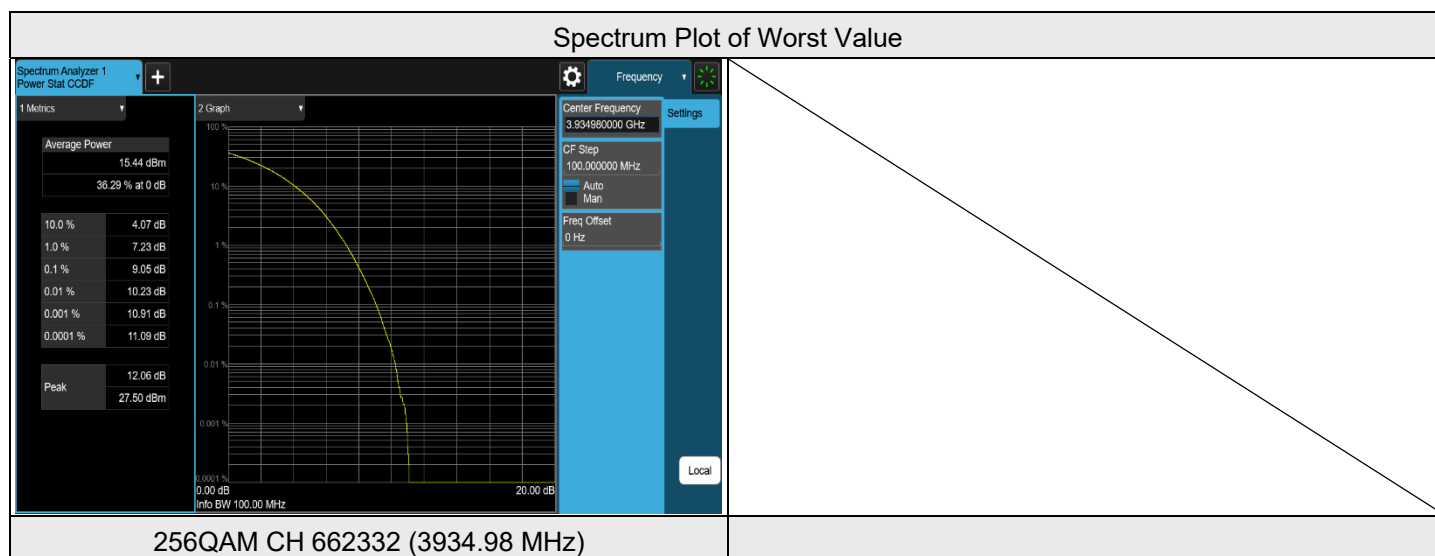
NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 80 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	649334	3740.01	8.12	13	PASS
QPSK	656000	3840	8.64	13	PASS
QPSK	662666	3939.99	8.91	13	PASS
BPSK	649334	3740.01	4.10	13	PASS
BPSK	656000	3840	4.38	13	PASS
BPSK	662666	3939.99	4.40	13	PASS
16QAM	649334	3740.01	8.39	13	PASS
16QAM	656000	3840	8.25	13	PASS
16QAM	662666	3939.99	7.89	13	PASS
64QAM	649334	3740.01	8.30	13	PASS
64QAM	656000	3840	7.95	13	PASS
64QAM	662666	3939.99	8.20	13	PASS
256QAM	649334	3740.01	9.56	13	PASS
256QAM	656000	3840	9.18	13	PASS
256QAM	662666	3939.99	8.59	13	PASS



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 90 MHz

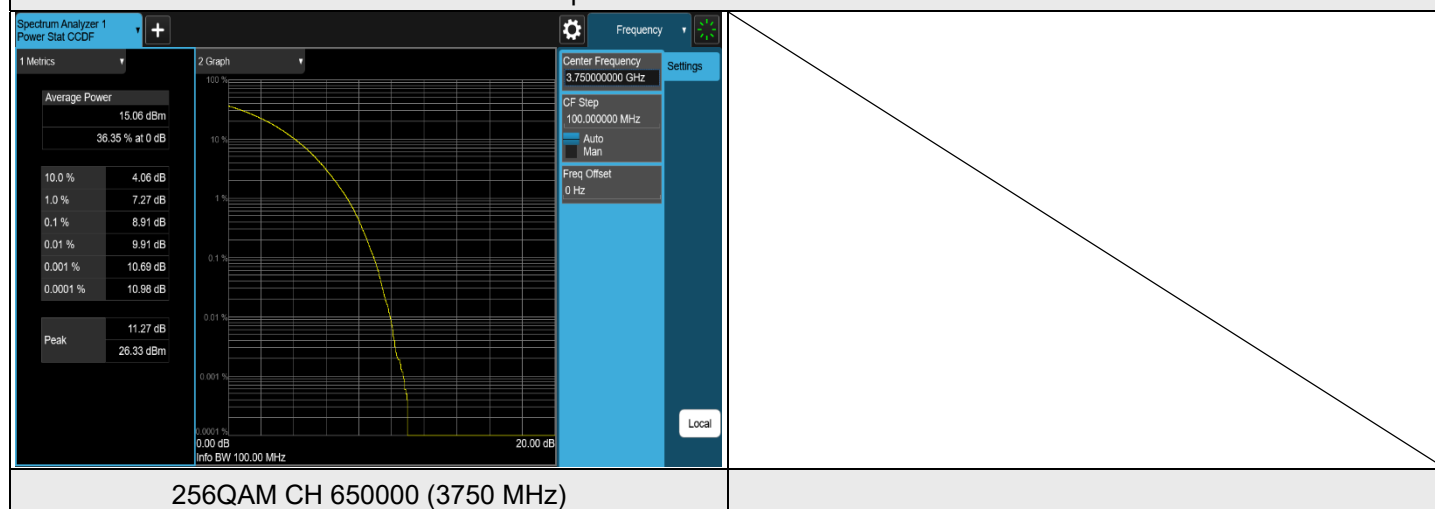
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	649668	3745.02	7.88	13	PASS
QPSK	656000	3840	7.85	13	PASS
QPSK	662332	3934.98	8.14	13	PASS
BPSK	649668	3745.02	4.42	13	PASS
BPSK	656000	3840	4.43	13	PASS
BPSK	662332	3934.98	4.40	13	PASS
16QAM	649668	3745.02	8.09	13	PASS
16QAM	656000	3840	8.42	13	PASS
16QAM	662332	3934.98	8.30	13	PASS
64QAM	649668	3745.02	8.11	13	PASS
64QAM	656000	3840	8.67	13	PASS
64QAM	662332	3934.98	8.16	13	PASS
256QAM	649668	3745.02	8.38	13	PASS
256QAM	656000	3840	8.79	13	PASS
256QAM	662332	3934.98	9.05	13	PASS



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5_MIMO-Ant 0, Channel Bandwidth: 100 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	650000	3750	8.16	13	PASS
QPSK	656000	3840	8.85	13	PASS
QPSK	662000	3930	8.73	13	PASS
BPSK	650000	3750	4.89	13	PASS
BPSK	656000	3840	4.70	13	PASS
BPSK	662000	3930	4.20	13	PASS
16QAM	650000	3750	7.87	13	PASS
16QAM	656000	3840	7.97	13	PASS
16QAM	662000	3930	8.40	13	PASS
64QAM	650000	3750	8.40	13	PASS
64QAM	656000	3840	8.53	13	PASS
64QAM	662000	3930	8.20	13	PASS
256QAM	650000	3750	8.91	13	PASS
256QAM	656000	3840	8.21	13	PASS
256QAM	662000	3930	8.59	13	PASS

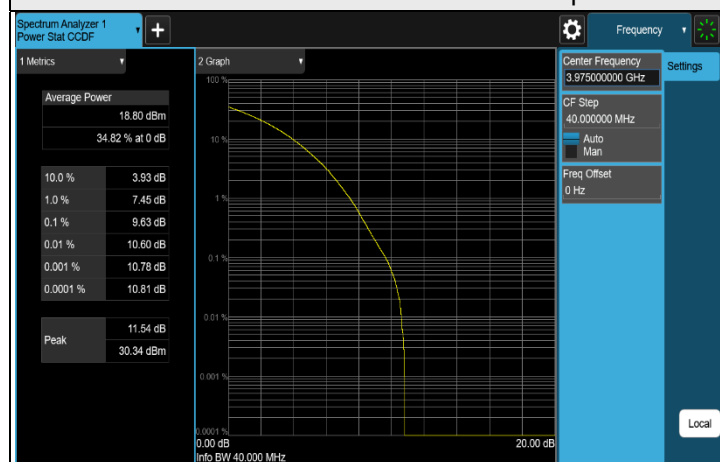
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5_MIMO-Ant 3, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	647000	3705	6.80	13	PASS
QPSK	656000	3840	6.88	13	PASS
QPSK	665000	3975	7.48	13	PASS
BPSK	647000	3705	6.30	13	PASS
BPSK	656000	3840	5.48	13	PASS
BPSK	665000	3975	5.28	13	PASS
16QAM	647000	3705	6.75	13	PASS
16QAM	656000	3840	7.30	13	PASS
16QAM	665000	3975	7.68	13	PASS
64QAM	647000	3705	7.48	13	PASS
64QAM	656000	3840	7.39	13	PASS
64QAM	665000	3975	7.85	13	PASS
256QAM	647000	3705	8.85	13	PASS
256QAM	656000	3840	9.12	13	PASS
256QAM	665000	3975	9.63	13	PASS

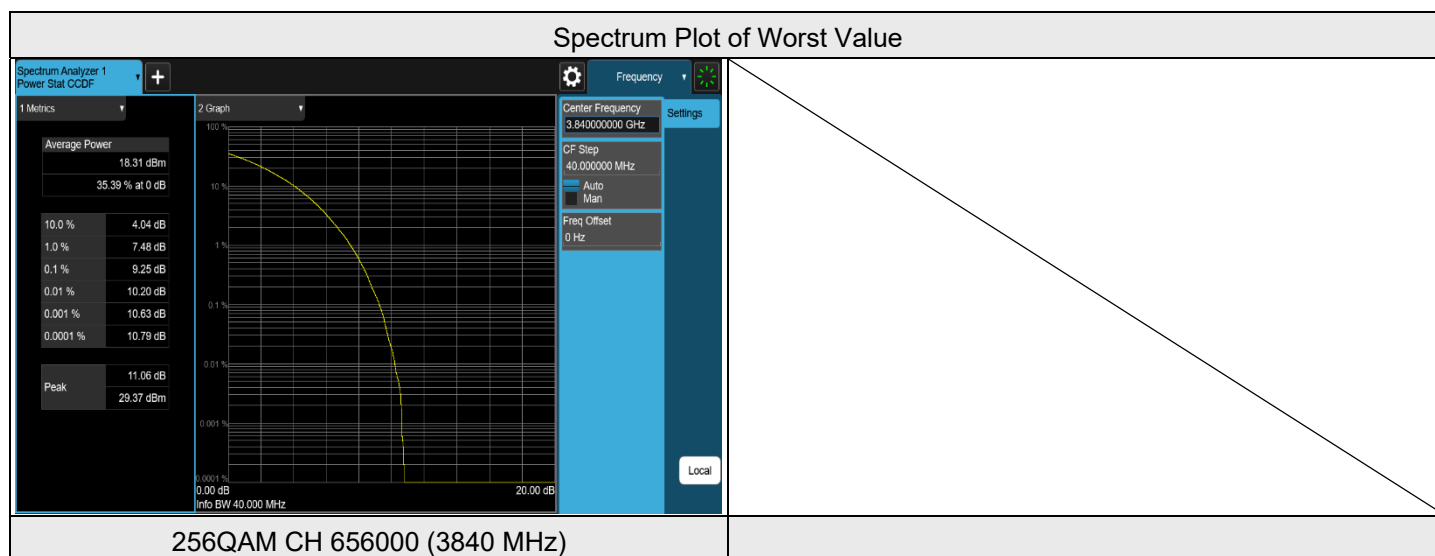
Spectrum Plot of Worst Value



256QAM CH 665000 (3975 MHz)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5_MIMO-Ant 3, Channel Bandwidth: 15 MHz

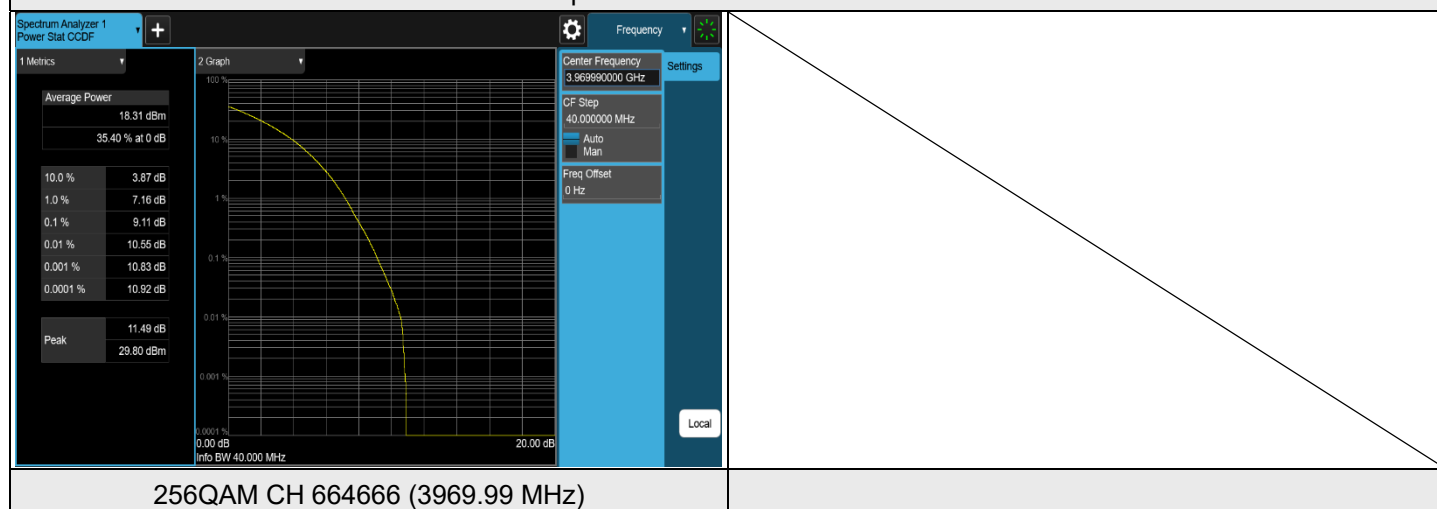
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	647168	3707.52	7.44	13	PASS
QPSK	656000	3840	7.22	13	PASS
QPSK	664832	3972.48	7.76	13	PASS
BPSK	647168	3707.52	6.31	13	PASS
BPSK	656000	3840	5.71	13	PASS
BPSK	664832	3972.48	4.73	13	PASS
16QAM	647168	3707.52	6.92	13	PASS
16QAM	656000	3840	7.03	13	PASS
16QAM	664832	3972.48	7.33	13	PASS
64QAM	647168	3707.52	7.77	13	PASS
64QAM	656000	3840	7.44	13	PASS
64QAM	664832	3972.48	8.00	13	PASS
256QAM	647168	3707.52	8.56	13	PASS
256QAM	656000	3840	9.25	13	PASS
256QAM	664832	3972.48	9.02	13	PASS



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5_MIMO-Ant 3, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	647334	3710.01	7.34	13	PASS
QPSK	656000	3840	6.80	13	PASS
QPSK	664666	3969.99	7.58	13	PASS
BPSK	647334	3710.01	5.14	13	PASS
BPSK	656000	3840	5.65	13	PASS
BPSK	664666	3969.99	5.12	13	PASS
16QAM	647334	3710.01	7.42	13	PASS
16QAM	656000	3840	7.34	13	PASS
16QAM	664666	3969.99	7.43	13	PASS
64QAM	647334	3710.01	7.52	13	PASS
64QAM	656000	3840	7.97	13	PASS
64QAM	664666	3969.99	8.02	13	PASS
256QAM	647334	3710.01	8.49	13	PASS
256QAM	656000	3840	9.06	13	PASS
256QAM	664666	3969.99	9.11	13	PASS

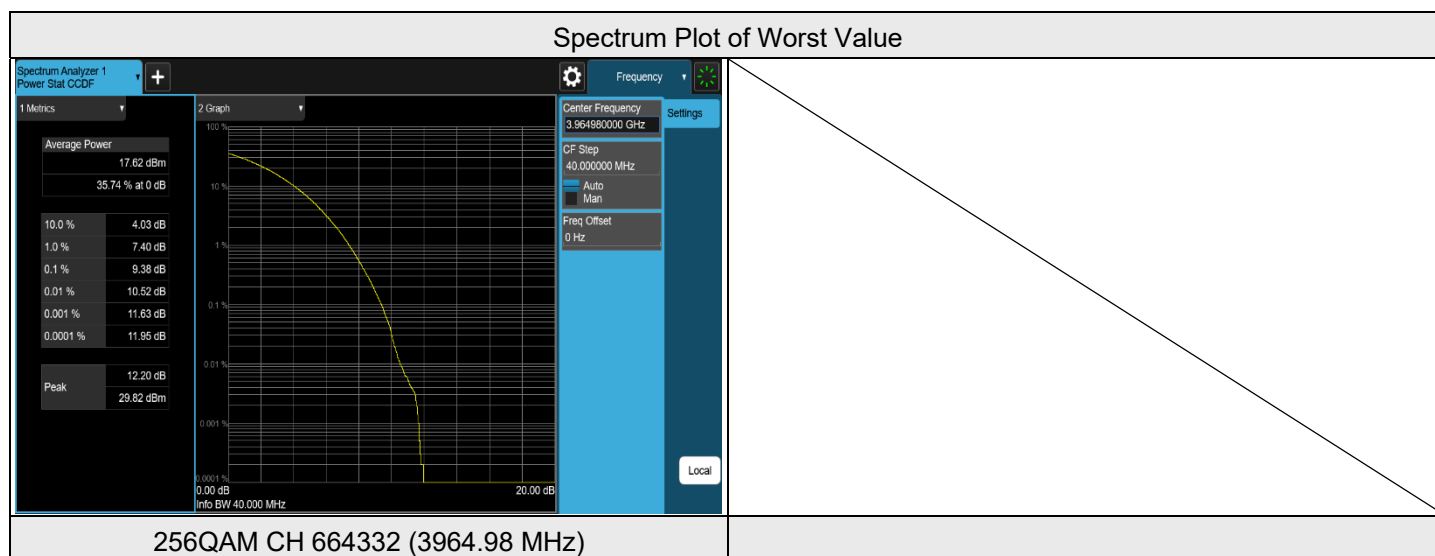
Spectrum Plot of Worst Value



256QAM CH 664666 (3969.99 MHz)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5_MIMO-Ant 3, Channel Bandwidth: 30 MHz

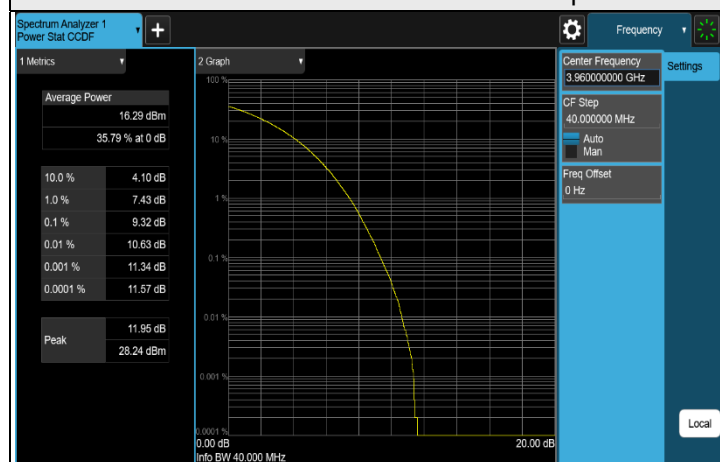
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	647668	3715.02	7.40	13	PASS
QPSK	656000	3840	7.77	13	PASS
QPSK	664332	3964.98	7.58	13	PASS
BPSK	647668	3715.02	4.93	13	PASS
BPSK	656000	3840	5.66	13	PASS
BPSK	664332	3964.98	4.71	13	PASS
16QAM	647668	3715.02	7.03	13	PASS
16QAM	656000	3840	8.27	13	PASS
16QAM	664332	3964.98	7.81	13	PASS
64QAM	647668	3715.02	7.55	13	PASS
64QAM	656000	3840	7.93	13	PASS
64QAM	664332	3964.98	8.24	13	PASS
256QAM	647668	3715.02	8.59	13	PASS
256QAM	656000	3840	8.75	13	PASS
256QAM	664332	3964.98	9.38	13	PASS



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5_MIMO-Ant 3, Channel Bandwidth: 40 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	648000	3720	8.10	13	PASS
QPSK	656000	3840	7.59	13	PASS
QPSK	664000	3960	7.62	13	PASS
BPSK	648000	3720	5.70	13	PASS
BPSK	656000	3840	4.66	13	PASS
BPSK	664000	3960	5.83	13	PASS
16QAM	648000	3720	8.02	13	PASS
16QAM	656000	3840	8.14	13	PASS
16QAM	664000	3960	7.74	13	PASS
64QAM	648000	3720	8.16	13	PASS
64QAM	656000	3840	8.54	13	PASS
64QAM	664000	3960	8.86	13	PASS
256QAM	648000	3720	8.85	13	PASS
256QAM	656000	3840	8.86	13	PASS
256QAM	664000	3960	9.32	13	PASS

Spectrum Plot of Worst Value

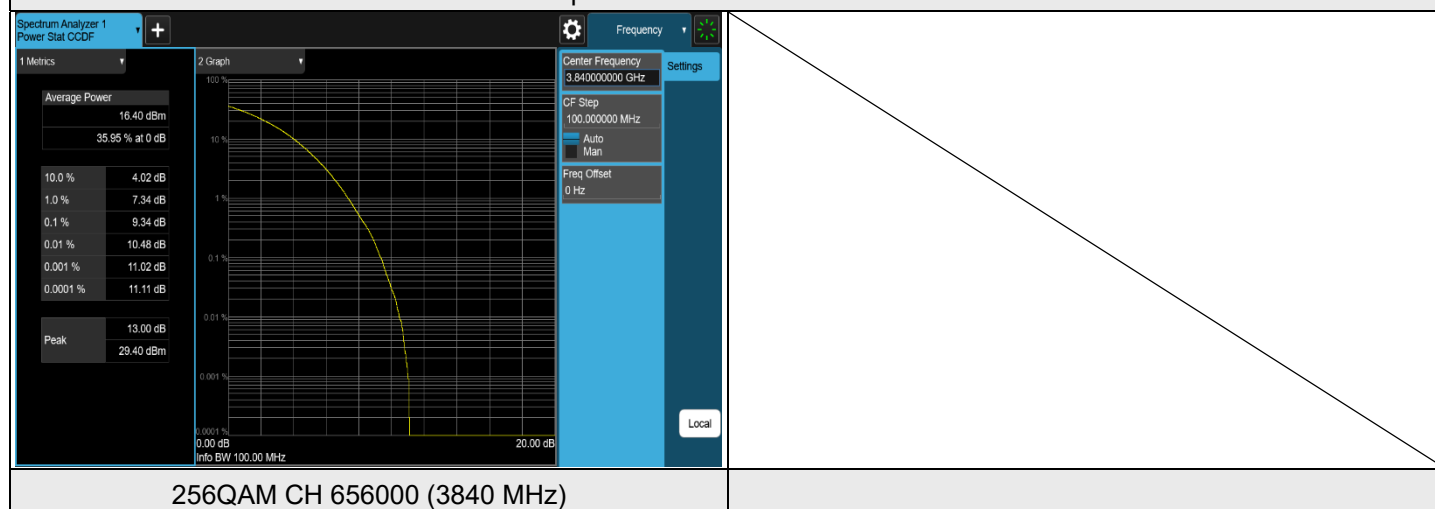


256QAM CH 664000 (3960 MHz)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5_MIMO-Ant 3, Channel Bandwidth: 50 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	648334	3725.01	7.57	13	PASS
QPSK	656000	3840	7.69	13	PASS
QPSK	663666	3954.99	9.11	13	PASS
BPSK	648334	3725.01	4.59	13	PASS
BPSK	656000	3840	4.71	13	PASS
BPSK	663666	3954.99	4.46	13	PASS
16QAM	648334	3725.01	8.05	13	PASS
16QAM	656000	3840	7.71	13	PASS
16QAM	663666	3954.99	7.73	13	PASS
64QAM	648334	3725.01	8.06	13	PASS
64QAM	656000	3840	8.08	13	PASS
64QAM	663666	3954.99	9.02	13	PASS
256QAM	648334	3725.01	9.23	13	PASS
256QAM	656000	3840	9.34	13	PASS
256QAM	663666	3954.99	9.15	13	PASS

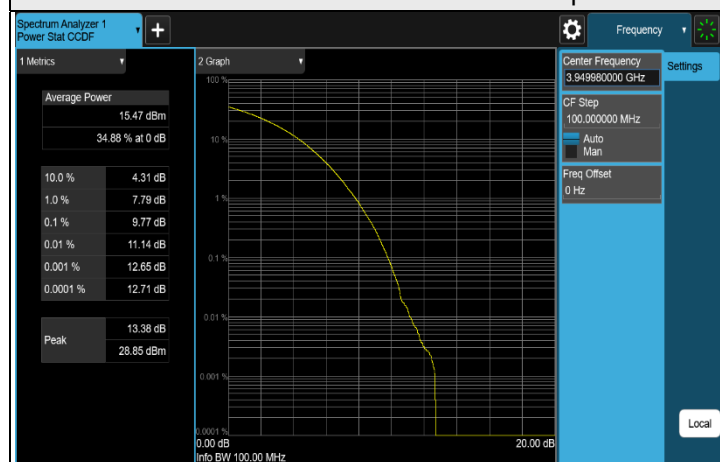
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5_MIMO-Ant 3, Channel Bandwidth: 60 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	648668	3730.02	8.02	13	PASS
QPSK	656000	3840	8.86	13	PASS
QPSK	663332	3949.98	8.14	13	PASS
BPSK	648668	3730.02	4.39	13	PASS
BPSK	656000	3840	5.49	13	PASS
BPSK	663332	3949.98	4.35	13	PASS
16QAM	648668	3730.02	7.95	13	PASS
16QAM	656000	3840	8.20	13	PASS
16QAM	663332	3949.98	8.21	13	PASS
64QAM	648668	3730.02	7.93	13	PASS
64QAM	656000	3840	8.07	13	PASS
64QAM	663332	3949.98	8.28	13	PASS
256QAM	648668	3730.02	8.71	13	PASS
256QAM	656000	3840	8.99	13	PASS
256QAM	663332	3949.98	9.77	13	PASS

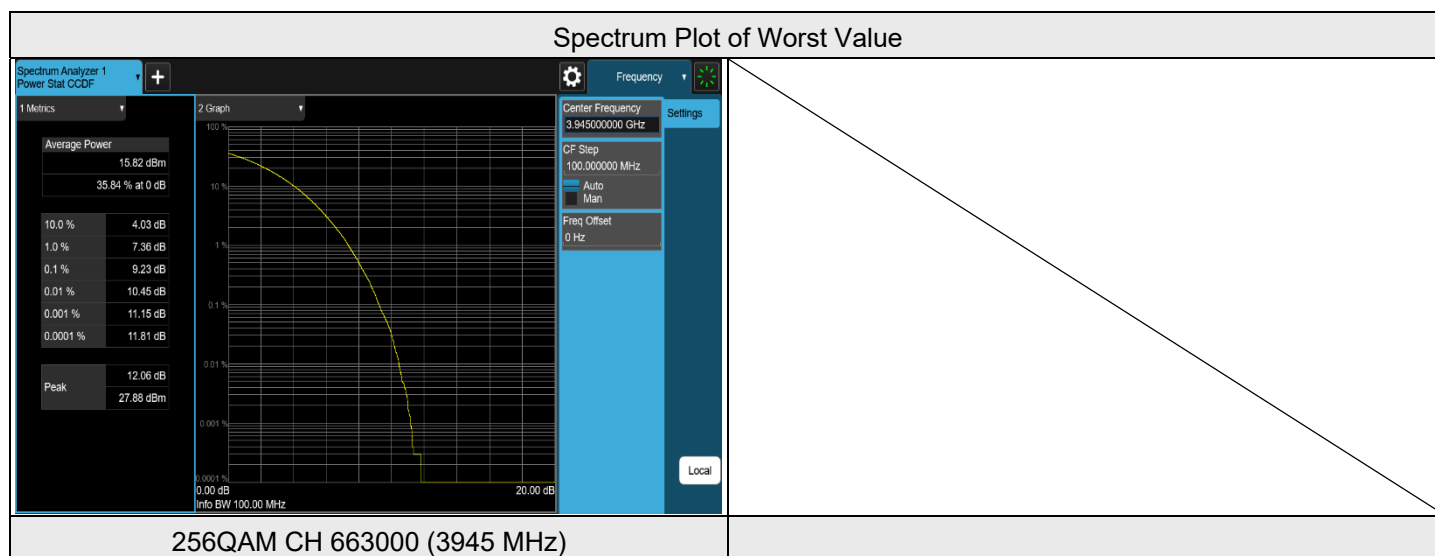
Spectrum Plot of Worst Value



256QAM CH 663332 (3949.98 MHz)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5_MIMO-Ant 3, Channel Bandwidth: 70 MHz

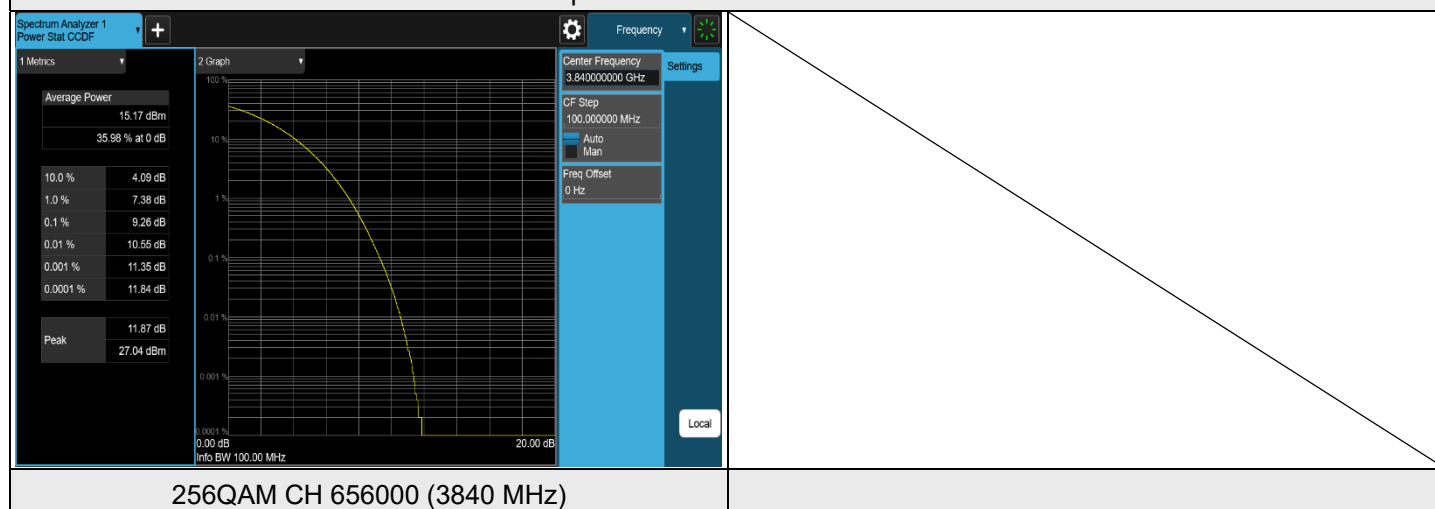
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	649000	3735	7.66	13	PASS
QPSK	656000	3840	8.33	13	PASS
QPSK	663000	3945	8.34	13	PASS
BPSK	649000	3735	4.61	13	PASS
BPSK	656000	3840	4.32	13	PASS
BPSK	663000	3945	3.99	13	PASS
16QAM	649000	3735	8.11	13	PASS
16QAM	656000	3840	8.45	13	PASS
16QAM	663000	3945	7.91	13	PASS
64QAM	649000	3735	7.95	13	PASS
64QAM	656000	3840	8.92	13	PASS
64QAM	663000	3945	8.71	13	PASS
256QAM	649000	3735	8.85	13	PASS
256QAM	656000	3840	8.62	13	PASS
256QAM	663000	3945	9.23	13	PASS



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5_MIMO-Ant 3, Channel Bandwidth: 80 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	649334	3740.01	8.24	13	PASS
QPSK	656000	3840	8.31	13	PASS
QPSK	662666	3939.99	8.79	13	PASS
BPSK	649334	3740.01	4.31	13	PASS
BPSK	656000	3840	4.56	13	PASS
BPSK	662666	3939.99	3.81	13	PASS
16QAM	649334	3740.01	7.99	13	PASS
16QAM	656000	3840	8.59	13	PASS
16QAM	662666	3939.99	8.40	13	PASS
64QAM	649334	3740.01	8.32	13	PASS
64QAM	656000	3840	9.12	13	PASS
64QAM	662666	3939.99	8.27	13	PASS
256QAM	649334	3740.01	8.45	13	PASS
256QAM	656000	3840	9.26	13	PASS
256QAM	662666	3939.99	8.92	13	PASS

Spectrum Plot of Worst Value

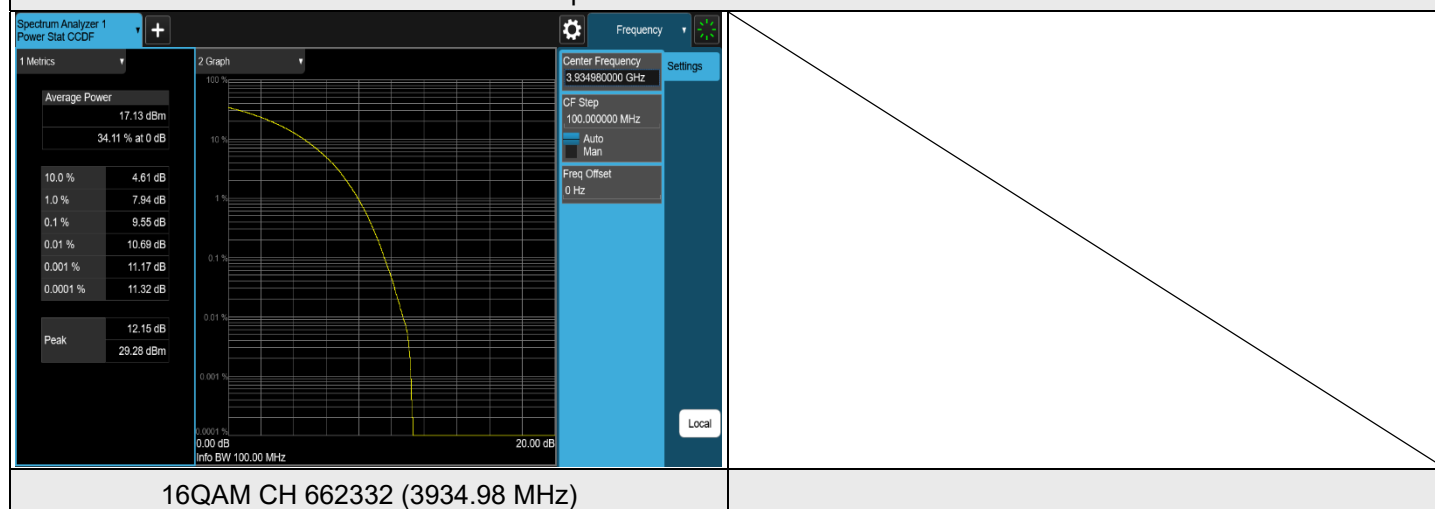


256QAM CH 656000 (3840 MHz)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5_MIMO-Ant 3, Channel Bandwidth: 90 MHz

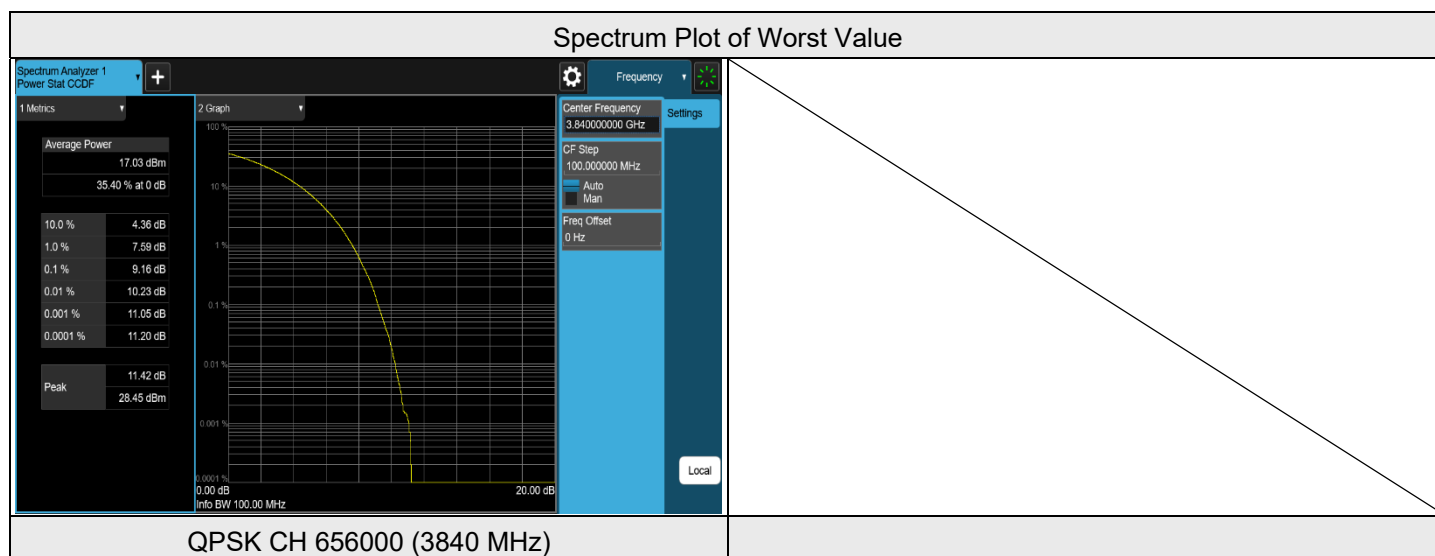
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	649668	3745.02	8.16	13	PASS
QPSK	656000	3840	8.28	13	PASS
QPSK	662332	3934.98	7.92	13	PASS
BPSK	649668	3745.02	4.48	13	PASS
BPSK	656000	3840	4.50	13	PASS
BPSK	662332	3934.98	4.65	13	PASS
16QAM	649668	3745.02	8.35	13	PASS
16QAM	656000	3840	9.05	13	PASS
16QAM	662332	3934.98	9.55	13	PASS
64QAM	649668	3745.02	9.43	13	PASS
64QAM	656000	3840	8.39	13	PASS
64QAM	662332	3934.98	8.40	13	PASS
256QAM	649668	3745.02	8.41	13	PASS
256QAM	656000	3840	8.64	13	PASS
256QAM	662332	3934.98	8.68	13	PASS

Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), PC1.5_MIMO-Ant 3, Channel Bandwidth: 100 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	650000	3750	8.01	13	PASS
QPSK	656000	3840	9.16	13	PASS
QPSK	662000	3930	8.01	13	PASS
BPSK	650000	3750	4.40	13	PASS
BPSK	656000	3840	5.12	13	PASS
BPSK	662000	3930	3.94	13	PASS
16QAM	650000	3750	8.13	13	PASS
16QAM	656000	3840	8.82	13	PASS
16QAM	662000	3930	8.00	13	PASS
64QAM	650000	3750	9.13	13	PASS
64QAM	656000	3840	8.83	13	PASS
64QAM	662000	3930	8.29	13	PASS
256QAM	650000	3750	8.86	13	PASS
256QAM	656000	3840	8.80	13	PASS
256QAM	662000	3930	9.05	13	PASS



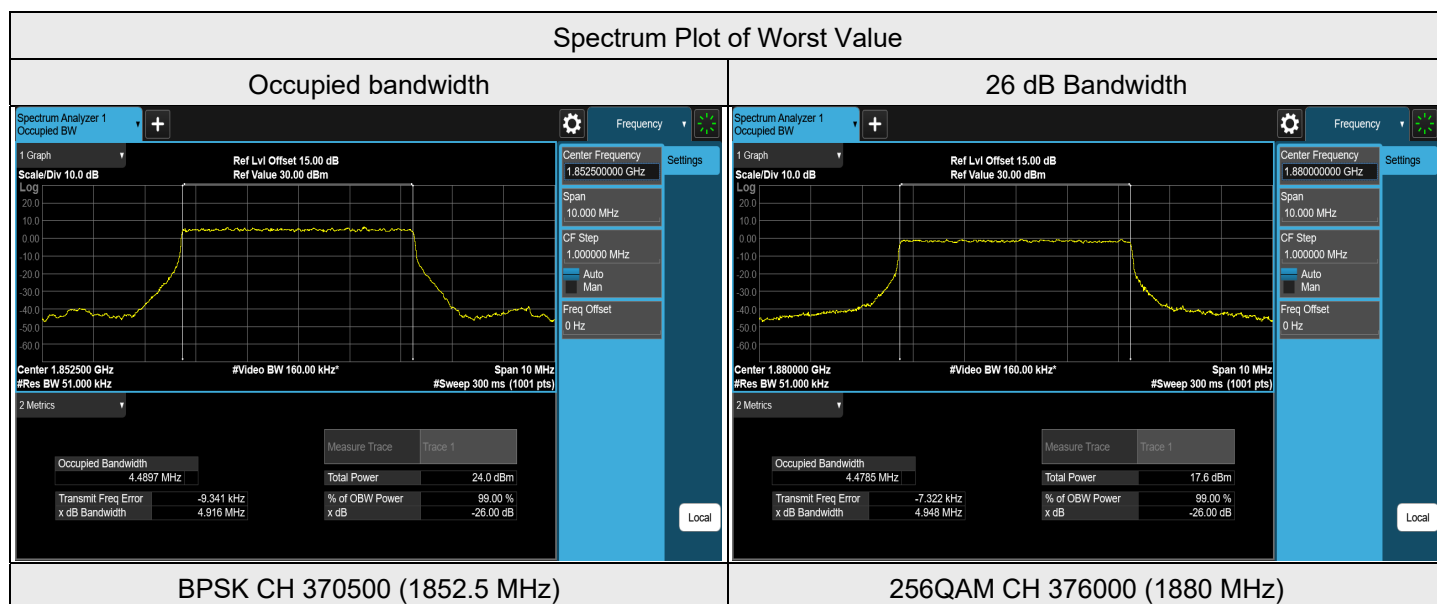
7.4 Bandwidth

Environmental Conditions:	25°C, 66% RH	Tested By:	James Yang
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7.4.1 NR n2 SCS 15 kHz

NR n2 SCS 15 kHz, MIMO-Ant 0, Channel Bandwidth: 5 MHz

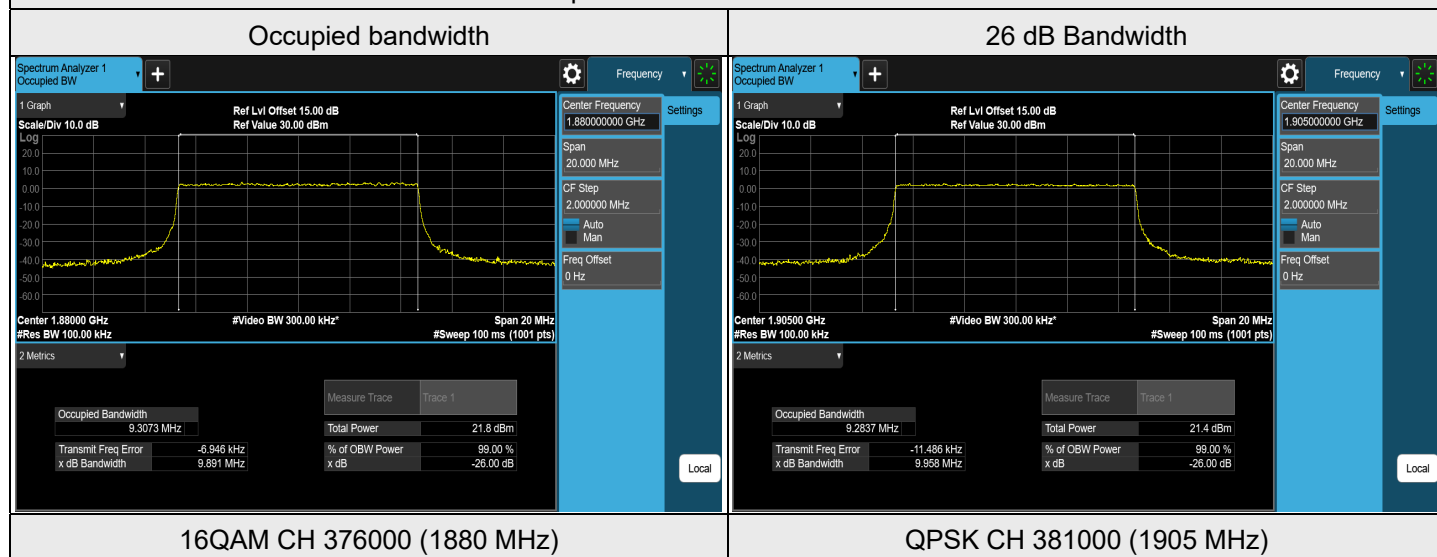
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	370500	1852.5	4.4759	4.839
QPSK	376000	1880	4.4658	4.912
QPSK	381500	1907.5	4.4641	4.884
BPSK	370500	1852.5	4.4897	4.916
BPSK	376000	1880	4.4859	4.847
BPSK	381500	1907.5	4.4797	4.832
16QAM	370500	1852.5	4.4716	4.915
16QAM	376000	1880	4.4694	4.911
16QAM	381500	1907.5	4.4694	4.887
64QAM	370500	1852.5	4.4681	4.889
64QAM	376000	1880	4.4742	4.942
64QAM	381500	1907.5	4.4729	4.894
256QAM	370500	1852.5	4.4768	4.900
256QAM	376000	1880	4.4785	4.948
256QAM	381500	1907.5	4.4747	4.865



NR n2 SCS 15 kHz, MIMO-Ant 0, Channel Bandwidth: 10 MHz

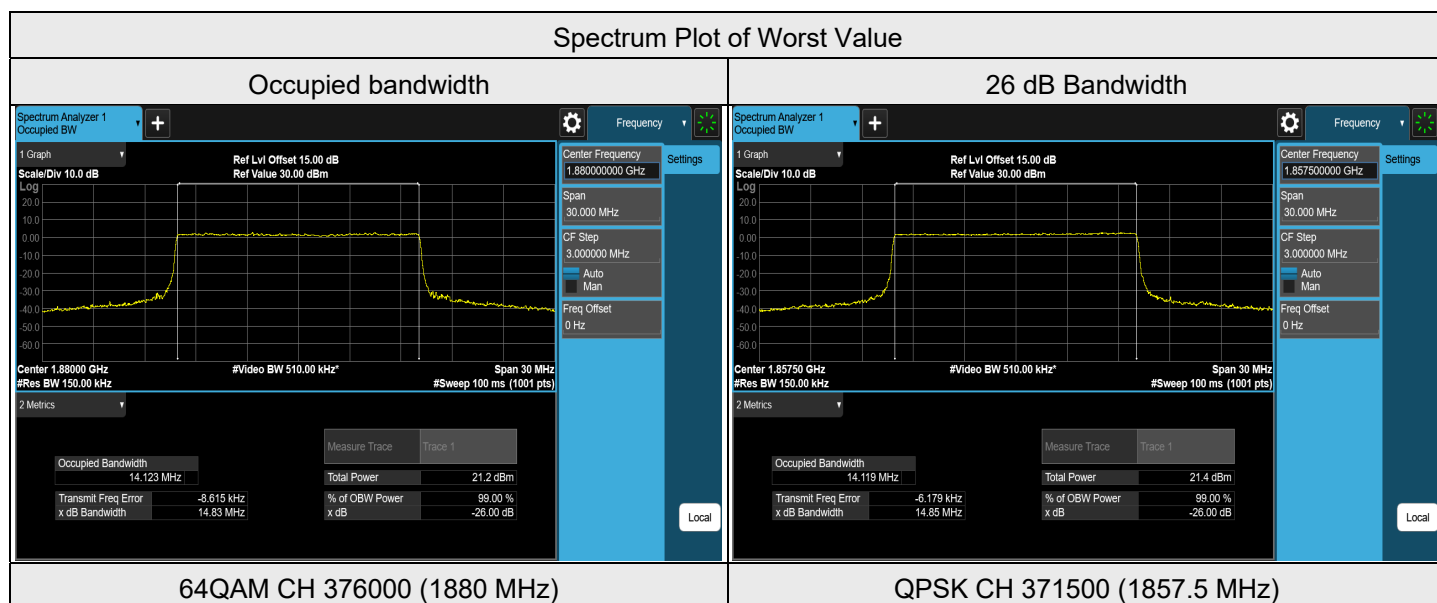
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	371000	1855	9.2825	9.877
QPSK	376000	1880	9.2812	9.843
QPSK	381000	1905	9.2837	9.958
BPSK	371000	1855	8.9336	9.416
BPSK	376000	1880	8.9338	9.449
BPSK	381000	1905	8.9258	9.427
16QAM	371000	1855	9.2978	9.903
16QAM	376000	1880	9.3073	9.891
16QAM	381000	1905	9.3030	9.903
64QAM	371000	1855	9.2914	9.862
64QAM	376000	1880	9.2902	9.877
64QAM	381000	1905	9.2826	9.836
256QAM	371000	1855	9.2949	9.821
256QAM	376000	1880	9.2996	9.865
256QAM	381000	1905	9.2929	9.847

Spectrum Plot of Worst Value



NR n2 SCS 15 kHz, MIMO-Ant 0, Channel Bandwidth: 15 MHz

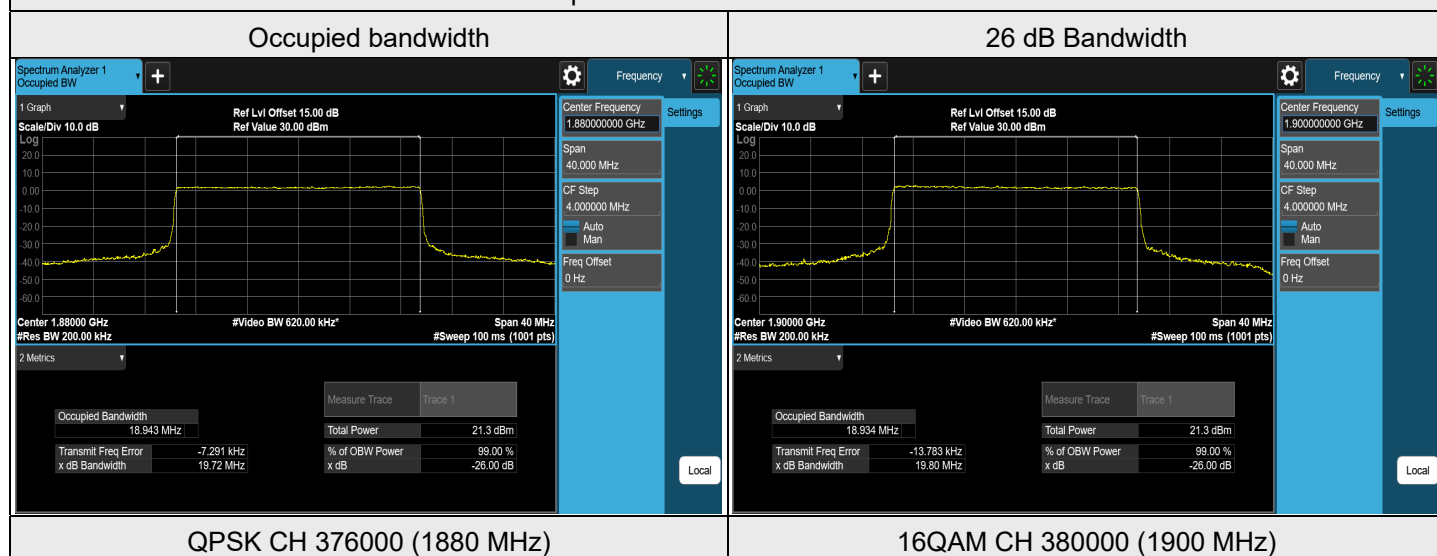
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	371500	1857.5	14.1187	14.849
QPSK	376000	1880	14.1184	14.839
QPSK	380500	1902.5	14.1112	14.837
BPSK	371500	1857.5	13.4123	14.027
BPSK	376000	1880	13.4187	14.010
BPSK	380500	1902.5	13.4165	14.009
16QAM	371500	1857.5	14.1088	14.720
16QAM	376000	1880	14.1219	14.760
16QAM	380500	1902.5	14.1102	14.684
64QAM	371500	1857.5	14.1120	14.823
64QAM	376000	1880	14.1228	14.828
64QAM	380500	1902.5	14.1223	14.775
256QAM	371500	1857.5	14.0928	14.722
256QAM	376000	1880	14.0982	14.714
256QAM	380500	1902.5	14.0922	14.721



NR n2 SCS 15 kHz, MIMO-Ant 0, Channel Bandwidth: 20 MHz

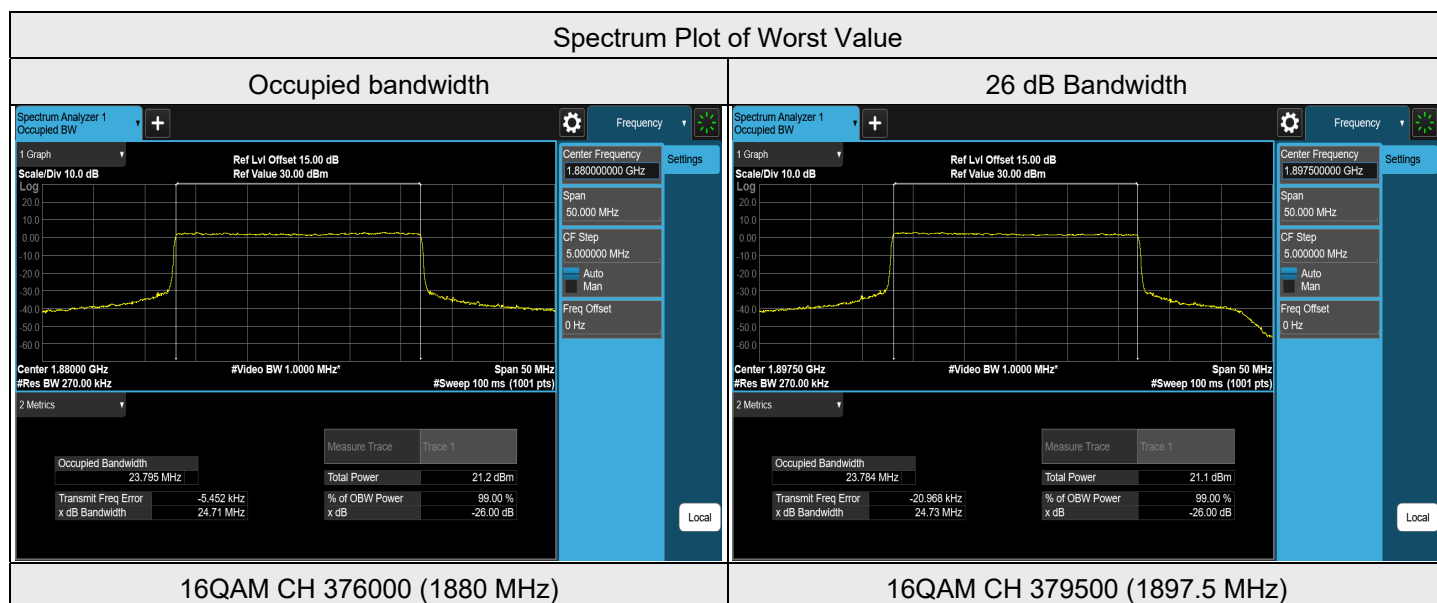
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	372000	1860	18.9186	19.694
QPSK	376000	1880	18.9426	19.724
QPSK	380000	1900	18.9305	19.773
BPSK	372000	1860	17.8579	18.565
BPSK	376000	1880	17.8622	18.568
BPSK	380000	1900	17.8555	18.560
16QAM	372000	1860	18.9156	19.716
16QAM	376000	1880	18.9318	19.781
16QAM	380000	1900	18.9344	19.797
64QAM	372000	1860	18.9206	19.646
64QAM	376000	1880	18.9379	19.658
64QAM	380000	1900	18.9303	19.666
256QAM	372000	1860	18.9203	19.663
256QAM	376000	1880	18.9311	19.667
256QAM	380000	1900	18.9231	19.630

Spectrum Plot of Worst Value



NR n2 SCS 15 kHz, MIMO-Ant 0, Channel Bandwidth: 25 MHz

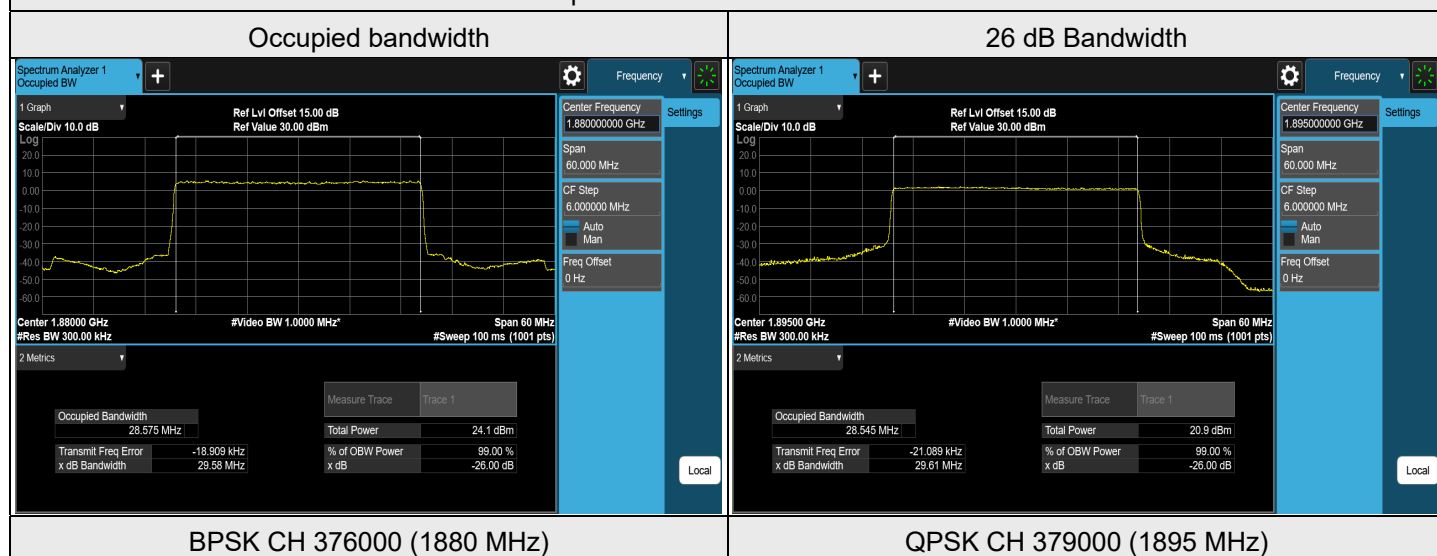
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	372500	1862.5	23.7521	24.683
QPSK	376000	1880	23.7692	24.673
QPSK	379500	1897.5	23.7607	24.654
BPSK	372500	1862.5	22.8827	23.708
BPSK	376000	1880	22.8936	23.714
BPSK	379500	1897.5	22.8856	23.720
16QAM	372500	1862.5	23.7830	24.689
16QAM	376000	1880	23.7948	24.705
16QAM	379500	1897.5	23.7840	24.732
64QAM	372500	1862.5	23.7373	24.650
64QAM	376000	1880	23.7492	24.654
64QAM	379500	1897.5	23.7498	24.652
256QAM	372500	1862.5	23.7432	24.667
256QAM	376000	1880	23.7552	24.683
256QAM	379500	1897.5	23.7479	24.653



NR n2 SCS 15 kHz, MIMO-Ant 0, Channel Bandwidth: 30 MHz

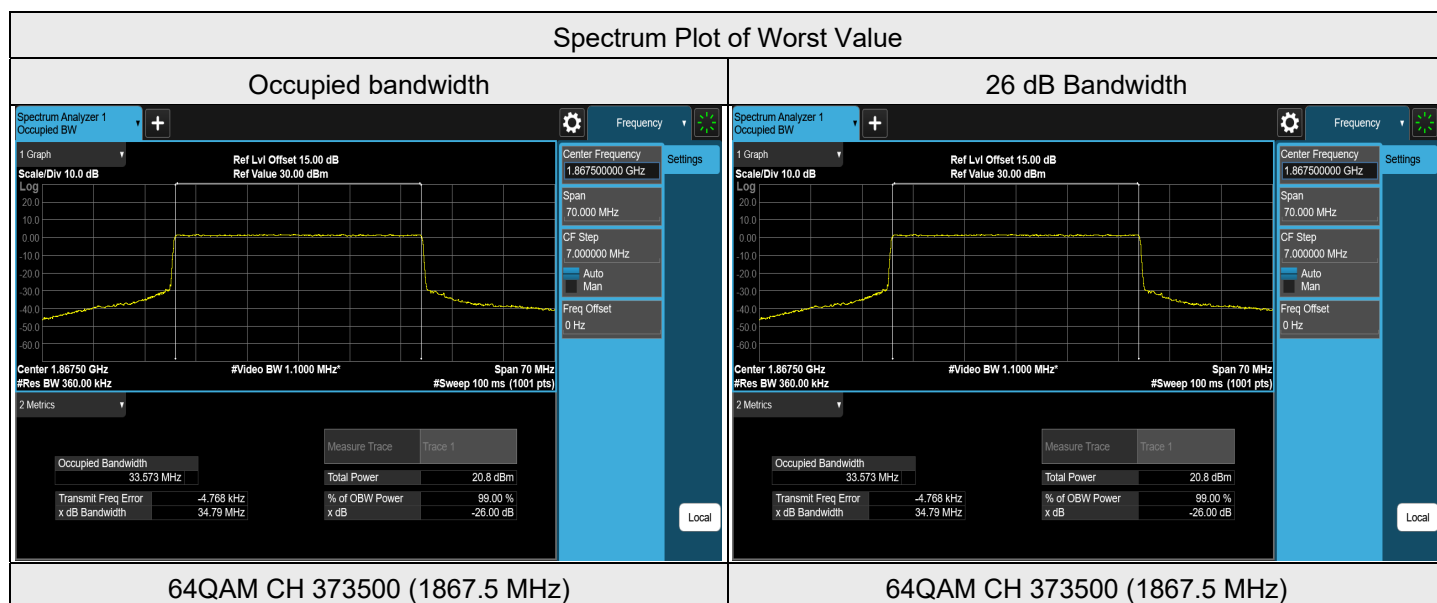
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	373000	1865	28.5509	29.578
QPSK	376000	1880	28.5716	29.609
QPSK	379000	1895	28.5449	29.612
BPSK	373000	1865	28.5666	29.581
BPSK	376000	1880	28.5750	29.579
BPSK	379000	1895	28.5568	29.541
16QAM	373000	1865	28.5341	29.589
16QAM	376000	1880	28.5539	29.610
16QAM	379000	1895	28.5233	29.541
64QAM	373000	1865	28.5577	29.585
64QAM	376000	1880	28.5709	29.579
64QAM	379000	1895	28.5510	29.550
256QAM	373000	1865	28.5467	29.578
256QAM	376000	1880	28.5626	29.584
256QAM	379000	1895	28.5392	29.563

Spectrum Plot of Worst Value



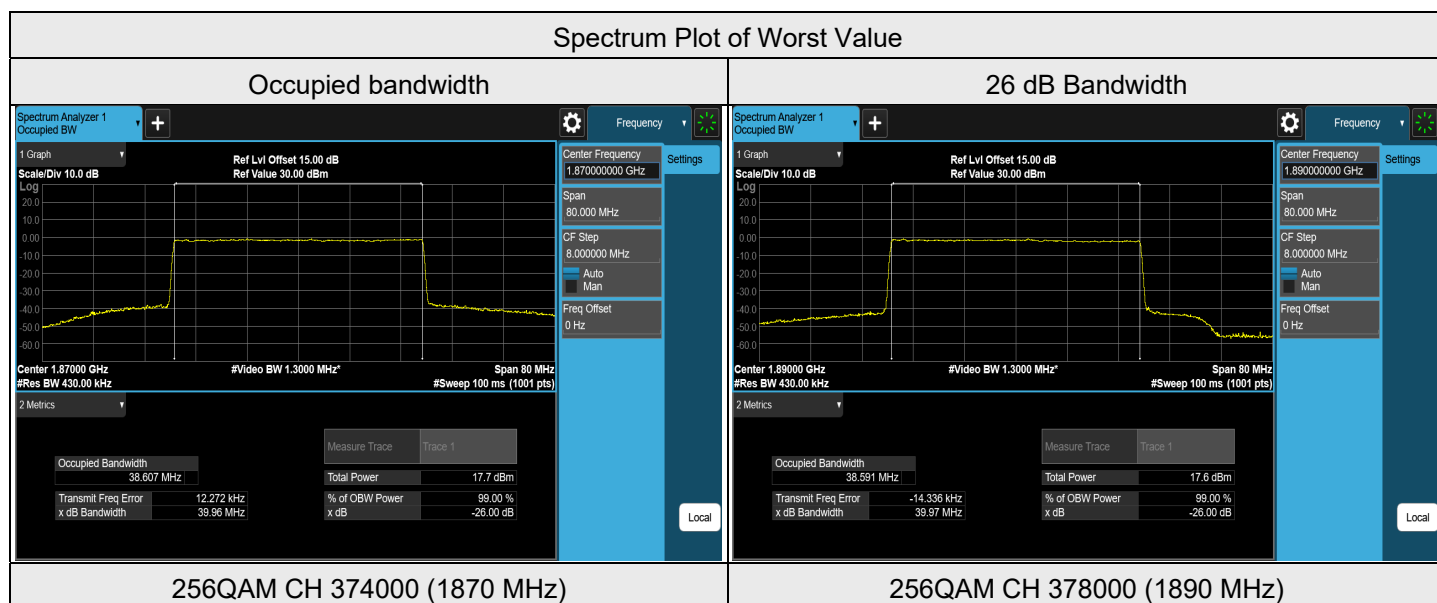
NR n2 SCS 15 kHz, MIMO-Ant 0, Channel Bandwidth: 35 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	373500	1867.5	33.5491	34.775
QPSK	376000	1880	33.5521	34.761
QPSK	378500	1892.5	33.5395	34.762
BPSK	373500	1867.5	32.1176	33.309
BPSK	376000	1880	32.1199	33.297
BPSK	378500	1892.5	32.1070	33.289
16QAM	373500	1867.5	33.5677	34.766
16QAM	376000	1880	33.5584	34.750
16QAM	378500	1892.5	33.5549	34.753
64QAM	373500	1867.5	33.5735	34.785
64QAM	376000	1880	33.5657	34.771
64QAM	378500	1892.5	33.5541	34.758
256QAM	373500	1867.5	33.5507	34.768
256QAM	376000	1880	33.5450	34.757
256QAM	378500	1892.5	33.5335	34.752



NR n2 SCS 15 kHz, MIMO-Ant 0, Channel Bandwidth: 40 MHz

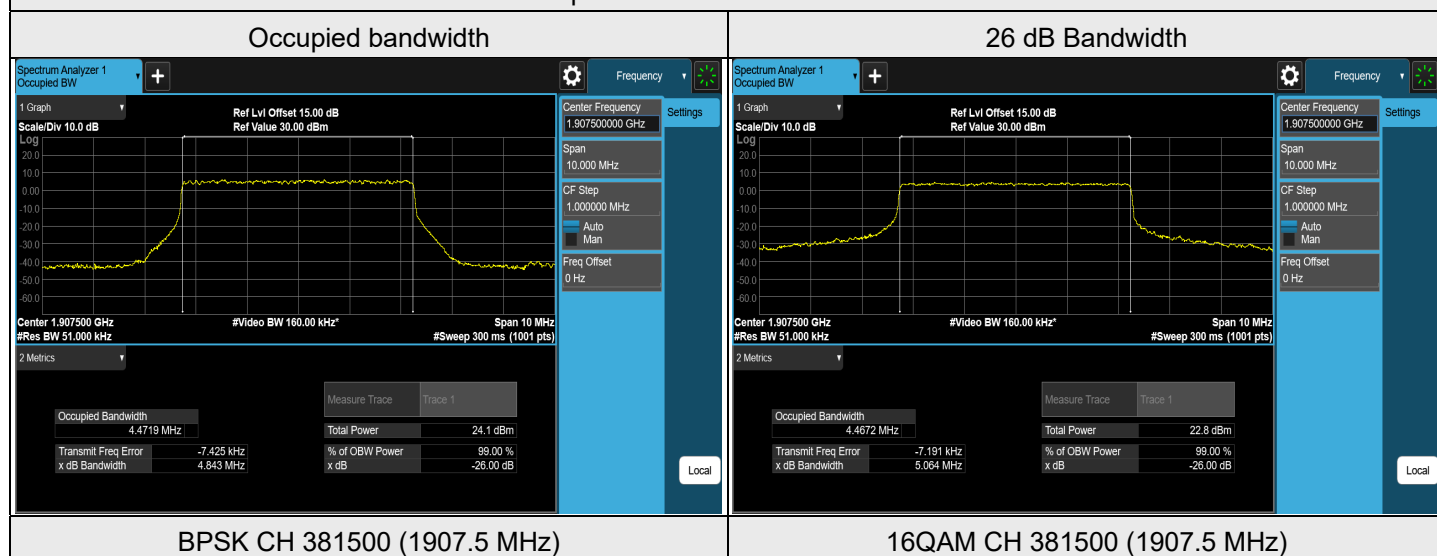
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	374000	1870	38.5870	39.959
QPSK	376000	1880	38.5498	39.961
QPSK	378000	1890	38.5546	39.940
BPSK	374000	1870	38.5715	39.945
BPSK	376000	1880	38.5450	39.929
BPSK	378000	1890	38.5576	39.942
16QAM	374000	1870	38.5393	39.943
16QAM	376000	1880	38.5117	39.941
16QAM	378000	1890	38.5130	39.928
64QAM	374000	1870	38.5842	39.946
64QAM	376000	1880	38.5526	39.941
64QAM	378000	1890	38.5597	39.934
256QAM	374000	1870	38.6068	39.961
256QAM	376000	1880	38.5813	39.955
256QAM	378000	1890	38.5907	39.968



NR n2 SCS 15 kHz, MIMO-Ant 3, Channel Bandwidth: 5 MHz

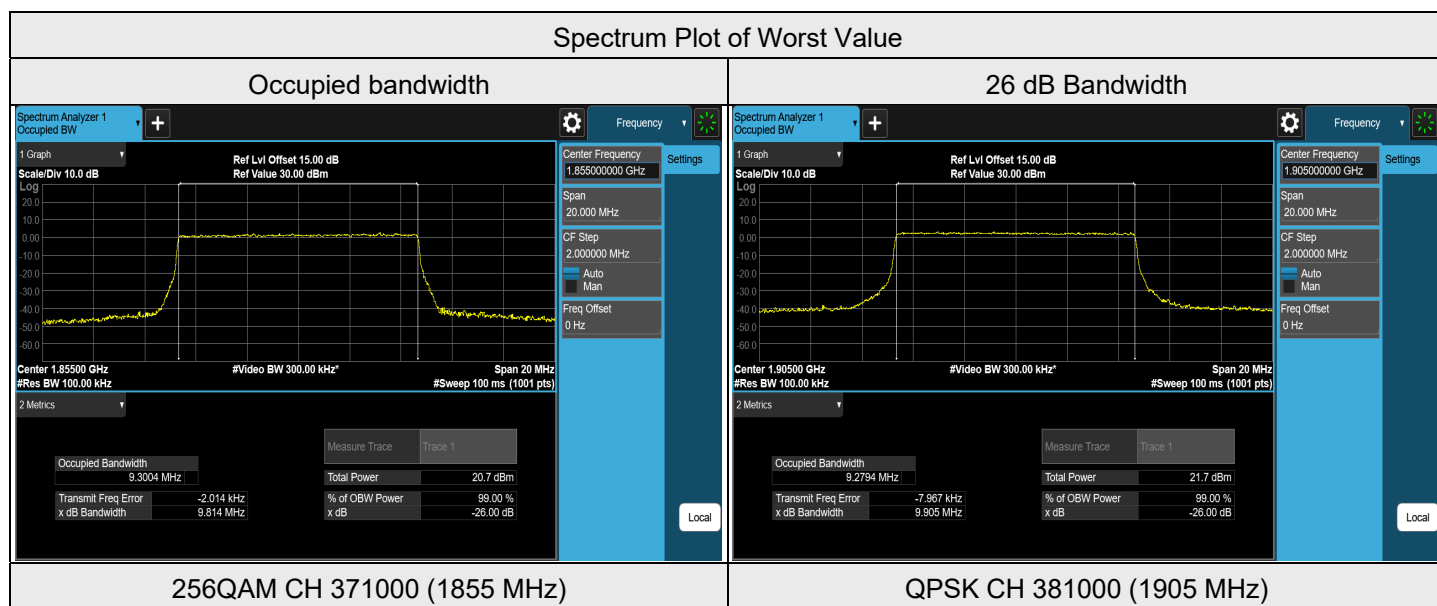
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	370500	1852.5	4.4649	4.879
QPSK	376000	1880	4.4636	4.861
QPSK	381500	1907.5	4.4678	5.011
BPSK	370500	1852.5	4.4712	4.819
BPSK	376000	1880	4.4696	4.810
BPSK	381500	1907.5	4.4719	4.843
16QAM	370500	1852.5	4.4657	4.912
16QAM	376000	1880	4.4664	4.871
16QAM	381500	1907.5	4.4672	5.064
64QAM	370500	1852.5	4.4670	4.845
64QAM	376000	1880	4.4676	4.830
64QAM	381500	1907.5	4.4717	4.924
256QAM	370500	1852.5	4.4663	4.799
256QAM	376000	1880	4.4674	4.790
256QAM	381500	1907.5	4.4664	4.813

Spectrum Plot of Worst Value



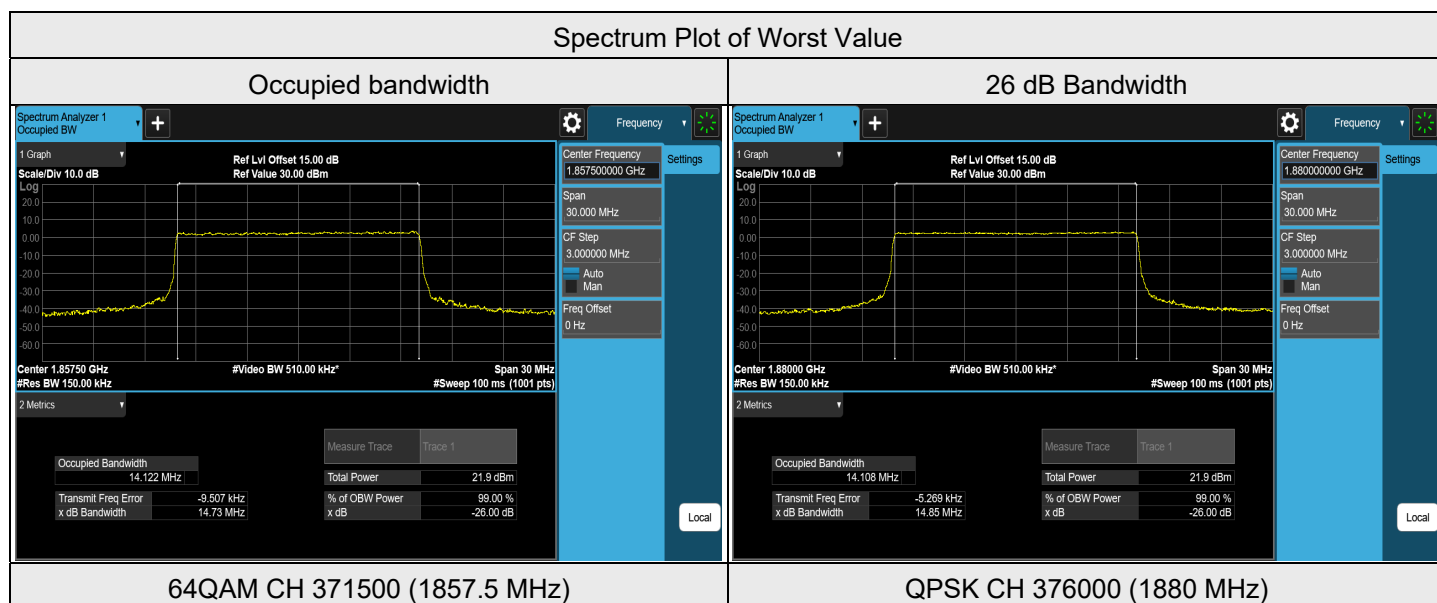
NR n2 SCS 15 kHz, MIMO-Ant 3, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	371000	1855	9.2792	9.882
QPSK	376000	1880	9.2841	9.897
QPSK	381000	1905	9.2794	9.905
BPSK	371000	1855	8.9267	9.434
BPSK	376000	1880	8.9264	9.397
BPSK	381000	1905	8.9201	9.397
16QAM	371000	1855	9.2748	9.794
16QAM	376000	1880	9.2798	9.821
16QAM	381000	1905	9.2706	9.757
64QAM	371000	1855	9.2794	9.861
64QAM	376000	1880	9.2760	9.836
64QAM	381000	1905	9.2746	9.869
256QAM	371000	1855	9.3004	9.814
256QAM	376000	1880	9.2920	9.820
256QAM	381000	1905	9.2895	9.767



NR n2 SCS 15 kHz, MIMO-Ant 3, Channel Bandwidth: 15 MHz

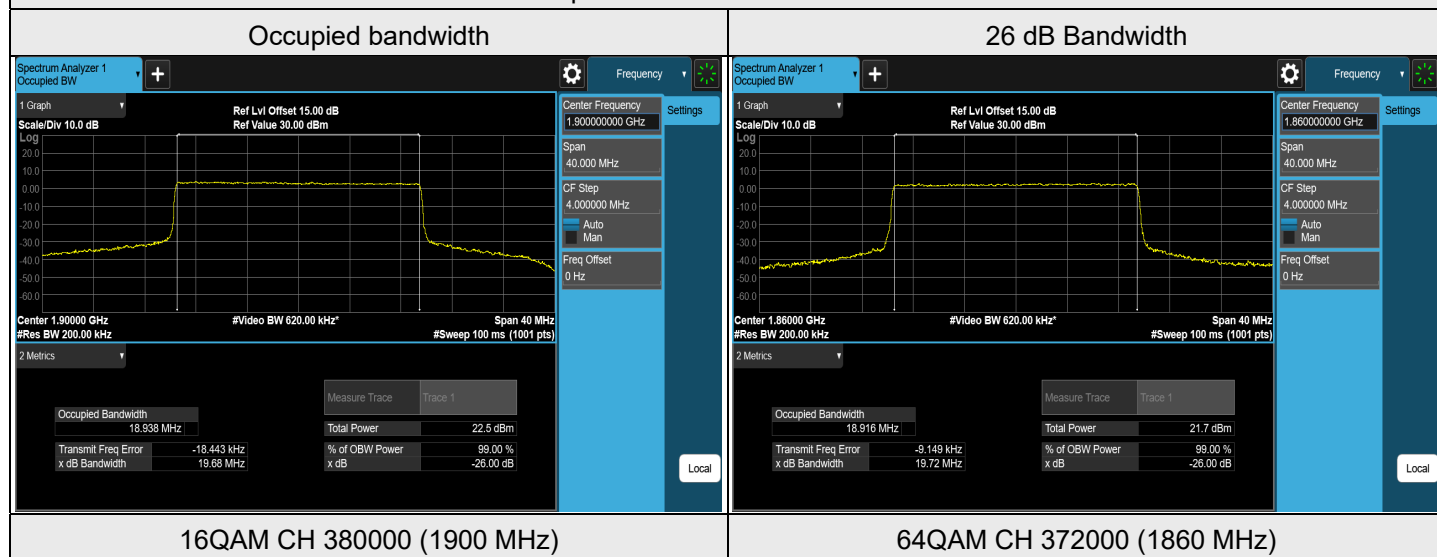
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	371500	1857.5	14.1053	14.755
QPSK	376000	1880	14.1082	14.851
QPSK	380500	1902.5	14.1119	14.787
BPSK	371500	1857.5	13.3946	14.000
BPSK	376000	1880	13.4051	14.005
BPSK	380500	1902.5	13.3944	13.948
16QAM	371500	1857.5	14.0975	14.823
16QAM	376000	1880	14.0980	14.739
16QAM	380500	1902.5	14.0984	14.802
64QAM	371500	1857.5	14.1222	14.735
64QAM	376000	1880	14.1170	14.753
64QAM	380500	1902.5	14.1119	14.715
256QAM	371500	1857.5	14.1091	14.705
256QAM	376000	1880	14.1075	14.749
256QAM	380500	1902.5	14.1076	14.673



NR n2 SCS 15 kHz, MIMO-Ant 3, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	372000	1860	18.9101	19.710
QPSK	376000	1880	18.9237	19.705
QPSK	380000	1900	18.9193	19.710
BPSK	372000	1860	17.8589	18.517
BPSK	376000	1880	17.8637	18.563
BPSK	380000	1900	17.8617	18.568
16QAM	372000	1860	18.9327	19.698
16QAM	376000	1880	18.9363	19.697
16QAM	380000	1900	18.9380	19.678
64QAM	372000	1860	18.9155	19.721
64QAM	376000	1880	18.9224	19.679
64QAM	380000	1900	18.9215	19.671
256QAM	372000	1860	18.9232	19.673
256QAM	376000	1880	18.9284	19.669
256QAM	380000	1900	18.9286	19.618

Spectrum Plot of Worst Value



NR n2 SCS 15 kHz, MIMO-Ant 3, Channel Bandwidth: 25 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	372500	1862.5	23.7433	24.673
QPSK	376000	1880	23.7531	24.659
QPSK	379500	1897.5	23.7515	24.660
BPSK	372500	1862.5	22.8594	33.738
BPSK	376000	1880	22.8962	23.765
BPSK	379500	1897.5	22.8966	23.737
16QAM	372500	1862.5	23.7253	24.637
16QAM	376000	1880	23.7325	24.678
16QAM	379500	1897.5	23.7384	24.647
64QAM	372500	1862.5	23.7600	24.670
64QAM	376000	1880	23.7720	24.676
64QAM	379500	1897.5	23.7668	24.698
256QAM	372500	1862.5	23.7631	24.675
256QAM	376000	1880	23.7641	24.641
256QAM	379500	1897.5	23.7690	24.637

