LTE Band 14- ERP 27.50(c)

Limits: ≤38.45dBm (7W)

LTE Band 14_5MHz_QPSK

Frequency(MHz)	ERP(dBm)	Limit(dBm)	Polarization
790.5	19.81	38.45	H
793	19.71	38.45	H
795.5	19.68	38.45	H

LTE Band 14_10MHz_QPSK

Frequency(MHz)	ERP(dBm)	Limit(dBm)	Polarization
793	19.92	38.45	H
793	19.87	38.45	H
793	19.9	38.45	H

LTE Band 14_5MHz_16QAM

Frequency(MHz)	ERP(dBm)	Limit(dBm)	Polarization
790.5	19.14	38.45	H
793	19.06	38.45	H
795.5	18.92	38.45	H

LTE Band 14_10MHz_16QAM

Frequency(MHz)	ERP(dBm)	Limit(dBm)	Polarization
793	19.13	38.45	H
793	19.14	38.45	H
793	19.06	38.45	H

LTE Band 14_5MHz_64QAM

Frequency(MHz)	ERP(dBm)	Limit(dBm)	Polarization
790.5	17.66	38.45	H
793	17.68	38.45	H
795.5	17.42	38.45	H

LTE Band 14_10MHz_64QAM

Frequency(MHz)	ERP(dBm)	Limit(dBm)	Polarization
793	17.19	38.45	H
793	17.35	38.45	H
793	17.69	38.45	H

LTE Band 17- ERP 27.50(c)(10)

Limits: ≤34.77dBm (3W)

LTE Band 17_5MHz_QPSK

Frequency(MHz)	ERP(dBm)	Limit(dBm)	Polarization
706.5	17.25	34.77	H
710	17.22	34.77	H
713.5	17.1	34.77	H

LTE Band 17_10MHz_QPSK

Frequency(MHz)	ERP(dBm)	Limit(dBm)	Polarization
709	17.45	34.77	H
710	17.41	34.77	H
711	17.38	34.77	H

LTE Band 17_5MHz_16QAM

Frequency(MHz)	ERP(dBm)	Limit(dBm)	Polarization
706.5	16.52	34.77	H
710	16.42	34.77	H
713.5	16.47	34.77	H

LTE Band 17_10MHz_16QAM

Frequency(MHz)	ERP(dBm)	Limit(dBm)	Polarization
709	16.64	34.77	H
710	16.61	34.77	H
711	16.67	34.77	H

LTE Band 17_5MHz_64QAM

Frequency(MHz)	ERP(dBm)	Limit(dBm)	Polarization
706.5	14.86	34.77	H
710	15.03	34.77	H
713.5	14.92	34.77	H

LTE Band 17_10MHz_64QAM

Frequency(MHz)	ERP(dBm)	Limit(dBm)	Polarization
709	14.65	34.77	H
710	14.89	34.77	H
711	14.74	34.77	H

LTE Band 25- EIRP 24.229(c)

Limits: ≤30dBm (1W)

LTE Band 25_1.4MHz_QPSK

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
1850.7	22.31	30.00	H
1882.5	22.34	30.00	H
1914.3	22.70	30.00	H

LTE Band 25_3MHz_QPSK

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
1851.5	22.29	30.00	H
1882.5	22.35	30.00	H
1913.5	22.75	30.00	H

LTE Band 25_5MHz_QPSK

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
1852.5	22.32	30.00	H
1882.5	22.45	30.00	H
1912.5	22.86	30.00	H

LTE Band 25_10MHz_QPSK

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
1855	22.32	30.00	H
1882.5	22.61	30.00	H
1910	22.89	30.00	H

LTE Band 25_15MHz_QPSK

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
1857.5	22.51	30.00	H
1882.5	22.65	30.00	H
1907.5	22.97	30.00	H

LTE Band 25_20MHz_QPSK

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
1860	22.40	30.00	H
1882.5	22.53	30.00	H
1905	23.18	30.00	H

LTE Band 25_1.4MHz_16QAM

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
1850.7	21.62	30.00	H
1882.5	21.64	30.00	H
1914.3	22.13	30.00	H

LTE Band 25_3MHz_16QAM

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
1851.5	21.58	30.00	H
1882.5	21.67	30.00	H
1913.5	22.27	30.00	H

LTE Band 25_5MHz_16QAM

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
1852.5	21.53	30.00	H
1882.5	21.66	30.00	H
1912.5	21.97	30.00	H

LTE Band 25_10MHz_16QAM

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
1855	21.89	30.00	H
1882.5	21.99	30.00	H
1910	22.02	30.00	H

LTE Band 25_15MHz_16QAM

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
1857.5	21.90	30.00	H
1882.5	21.94	30.00	H
1907.5	22.35	30.00	H

LTE Band 25_20MHz_16QAM

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
1860	21.74	30.00	H
1882.5	21.94	30.00	H
1905	22.69	30.00	H

LTE Band 25_1.4MHz_64QAM

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
1850.7	20.66	30.00	H
1882.5	20.58	30.00	H
1914.3	20.80	30.00	H

LTE Band 25_3MHz_64QAM

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
1851.5	20.43	30.00	H
1882.5	20.50	30.00	H
1913.5	20.79	30.00	H

LTE Band 25_5MHz_64QAM

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
1852.5	20.48	30.00	H
1882.5	20.36	30.00	H
1912.5	20.99	30.00	H

LTE Band 25_10MHz_64QAM

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
1855	20.62	30.00	H
1882.5	20.73	30.00	H
1910	21.11	30.00	H

LTE Band 25_15MHz_64QAM

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
1857.5	20.57	30.00	H
1882.5	20.72	30.00	H
1907.5	20.68	30.00	H

LTE Band 25_20MHz_64QAM

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
1860	20.57	30.00	H
1882.5	20.67	30.00	H
1905	21.11	30.00	H

LTE Band 26(part22)- ERP 22.913(a)

Limits: ≤30dBm (1W)

LTE Band 26(part22)_1.4MHz_QPSK

Frequency(MHz)	ERP(dBm)	Limit(dBm)	Polarization
824.70	18.98	30.00	H
836.50	18.98	30.00	H
848.3	19.11	30.00	H

LTE Band 26(part22)_3MHz_QPSK

Frequency(MHz)	ERP(dBm)	Limit(dBm)	Polarization
825.50	18.14	30.00	H
836.50	19.06	30.00	H
847.50	19.06	30.00	H

LTE Band 26(part22)_5MHz_QPSK

Frequency(MHz)	ERP(dBm)	Limit(dBm)	Polarization
826.50	18.97	30.00	H
836.50	19.06	30.00	H
846.50	19.27	30.00	H

LTE Band 26(part22)_10MHz_QPSK

Frequency(MHz)	ERP(dBm)	Limit(dBm)	Polarization
829.00	19.08	30.00	H
836.50	19.21	30.00	H
844.00	19.57	30.00	H

LTE Band 26(part22)_15MHz_QPSK

Frequency(MHz)	ERP(dBm)	Limit(dBm)	Polarization
831.50	19.48	30.00	H
836.50	19.71	30.00	H
841.50	19.85	30.00	H

LTE Band 26(part22)_1.4MHz_16QAM

Frequency(MHz)	ERP(dBm)	Limit(dBm)	Polarization
824.70	18.25	30.00	H
836.50	18.25	30.00	H
848.30	18.39	30.00	H

LTE Band 26(part22)_3MHz_16QAM

Frequency(MHz)	ERP(dBm)	Limit(dBm)	Polarization
825.50	17.41	30.00	H
836.50	18.41	30.00	H
847.50	18.38	30.00	H

LTE Band 26(part22)_5MHz_16QAM

Frequency(MHz)	ERP(dBm)	Limit(dBm)	Polarization

826.50	18.41	30.00	H
836.50	18.39	30.00	H
846.50	18.66	30.00	H

LTE Band 26(part22)_10MHz_16QAM

Frequency(MHz)	ERP(dBm)	Limit(dBm)	Polarization
829.00	18.35	30.00	H
836.50	18.61	30.00	H
844.00	18.87	30.00	H

LTE Band 26(part22)_15MHz_16QAM

Frequency(MHz)	ERP(dBm)	Limit(dBm)	Polarization
831.50	18.79	30.00	H
836.50	19.1	30.00	H
841.50	19.15	30.00	H

LTE Band 26(part22)_1.4MHz_64QAM

Frequency(MHz)	ERP(dBm)	Limit(dBm)	Polarization
824.70	16.43	30.00	H
836.50	16.81	30.00	H
848.30	16.76	30.00	H

LTE Band 26(part22)_3MHz_64QAM

Frequency(MHz)	ERP(dBm)	Limit(dBm)	Polarization
825.50	16.53	30.00	H
836.50	16.74	30.00	H
847.50	16.73	30.00	H

LTE Band 26(part22)_5MHz_64QAM

Frequency(MHz)	ERP(dBm)	Limit(dBm)	Polarization
826.50	16.72	30.00	H
836.50	16.51	30.00	H
846.50	16.99	30.00	H

LTE Band 26(part22)_10MHz_64QAM

Frequency(MHz)	ERP(dBm)	Limit(dBm)	Polarization
829.00	16.7	30.00	H
836.50	16.99	30.00	H
844.00	17.84	30.00	H

LTE Band 26(part22)_15MHz_64QAM

Frequency(MHz)	ERP(dBm)	Limit(dBm)	Polarization
831.50	17.09	30.00	H
836.50	17.52	30.00	H
841.50	17.46	30.00	H

LTE Band 38- EIRP 27.50(h)(2)

Limits: ≤33 dBm (2W)

LTE Band 38_5MHz_QPSK

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
2572.5	20.37	33.00	H
2595	20.27	33.00	H
2617.5	20.43	33.00	H

LTE Band 38_10MHz_QPSK

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
2575	20.17	33.00	H
2595	20.09	33.00	H
2615	20.14	33.00	H

LTE Band 38_15MHz_QPSK

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
2577.5	20.43	33.00	H
2595	20.35	33.00	H
2612.5	20.35	33.00	H

LTE Band 38_20MHz_QPSK

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
2580	20.45	33.00	H
2595	20.33	33.00	H
2610	20.41	33.00	H

LTE Band 38_5MHz_16QAM

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
2572.5	18.98	33.00	H
2595	19.13	33.00	H
2617.5	19.15	33.00	H

LTE Band 38_10MHz_16QAM

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
2575	19.06	33.00	H
2595	19.03	33.00	H
2615	19.15	33.00	H

LTE Band 38_15MHz_16QAM

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
2577.5	19.11	33.00	H
2595	19.07	33.00	H
2612.5	19.16	33.00	H

LTE Band 38_20MHz_16QAM

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
2580	19.13	33.00	H
2595	19.03	33.00	H

2610	19.19	33.00	H

LTE Band 38_5MHz_64QAM

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
2572.5	18.98	33.00	H
2595	19.13	33.00	H
2617.5	19.15	33.00	H

LTE Band 38_10MHz_64QAM

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
2575	19.06	33.00	H
2595	19.03	33.00	H
2615	19.15	33.00	H

LTE Band 38_15MHz_64QAM

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
2577.5	20.43	33.00	H
2595	20.35	33.00	H
2612.5	20.35	33.00	H

LTE Band 38_20MHz_64QAM

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
2580	20.45	33.00	H
2595	20.33	33.00	H
2610	20.41	33.00	H

LTE Band 41- EIRP 27.50(h)(2)

Limits: ≤33 dBm (2W)

LTE Band 41_5MHz_QPSK

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
2498.5	23.66	33.00	H
2593	24.45	33.00	H
2687.5	23.86	33.00	H

LTE Band 41_10MHz_QPSK

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
2501	23.96	33.00	H
2593	24.40	33.00	H
2685	23.86	33.00	H

LTE Band 41_15MHz_QPSK

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
2503.5	24.17	33.00	H
2593	24.66	33.00	H
2682.5	23.80	33.00	H

LTE Band 41_20MHz_QPSK

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
2506	24.31	33.00	H
2593	24.63	33.00	H
2680	23.75	33.00	H

LTE Band 41_5MHz_16QAM

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
2498.5	22.86	33.00	H
2593	23.65	33.00	H
2687.5	23.07	33.00	H

LTE Band 41_10MHz_16QAM

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
2501	23.16	33.00	H
2593	23.80	33.00	H
2685	23.08	33.00	H

LTE Band 41_15MHz_16QAM

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
2503.5	23.24	33.00	H
2593	24.02	33.00	H
2682.5	23.06	33.00	H

LTE Band 41_20MHz_16QAM

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
2506	23.54	33.00	H
2593	24.08	33.00	H
2680	23.02	33.00	H

LTE Band 41_5MHz_64QAM

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
2498.5	23.66	33.00	H
2593	23.72	33.00	H
2687.5	23.28	33.00	H

LTE Band 41_10MHz_64QAM

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
2501	23.74	33.00	H
2593	23.55	33.00	H
2685	23.17	33.00	H

LTE Band 41_15MHz_64QAM

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
2503.5	23.78	33.00	H
2593	23.48	33.00	H
2682.5	23.13	33.00	H

LTE Band 41_20MHz_64QAM

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization

2506	23.71	33.00	H
2593	24.17	33.00	H
2680	22.92	33.00	H

LTE Band 66- EIRP 27.50(d)

Limits: ≤30dBm (1W)

LTE Band 66_1.4MHz_QPSK

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
1710.7	21.70	30.00	H
1745	21.58	30.00	H
1779.3	21.45	30.00	H

LTE Band 66_3MHz_QPSK

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
1711.5	21.74	30.00	H
1745	21.59	30.00	H
1778.5	21.57	30.00	H

LTE Band 66_5MHz_QPSK

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
1712.5	22.34	30.00	H
1745	22.18	30.00	H
1777.5	22.00	30.00	H

LTE Band 66_10MHz_QPSK

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
1715	22.31	30.00	H
1745	22.34	30.00	H
1775	22.32	30.00	H

LTE Band 66_15MHz_QPSK

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
1717.5	22.45	30.00	H
1745	22.30	30.00	H
1772.5	22.16	30.00	H

LTE Band 66_20MHz_QPSK

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
1720	21.81	30.00	H
1745	21.78	30.00	H
1770	21.95	30.00	H

LTE Band 66_1.4MHz_16QAM

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
1710.7	21.45	30.00	H
1745	21.37	30.00	H
1779.3	21.26	30.00	H

LTE Band 66_3MHz_16QAM

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
1711.5	21.84	30.00	H
1745	21.13	30.00	H
1778.5	21.38	30.00	H

LTE Band 66_5MHz_16QAM

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
1712.5	21.71	30.00	H
1745	21.52	30.00	H
1777.5	21.26	30.00	H

LTE Band 66_10MHz_16QAM

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
1715	21.53	30.00	H
1745	21.55	30.00	H
1775	21.33	30.00	H

LTE Band 66_15MHz_16QAM

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
1717.5	21.42	30.00	H
1745	21.29	30.00	H
1772.5	21.17	30.00	H

LTE Band 66_20MHz_16QAM

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
1720	21.18	30.00	H
1745	21.09	30.00	H
1770	21.02	30.00	H

LTE Band 66_1.4MHz_64QAM

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
1710.7	20.05	30.00	H
1745	19.94	30.00	H
1779.3	19.84	30.00	H

LTE Band 66_3MHz_64QAM

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
1711.5	19.79	30.00	H
1745	19.98	30.00	H
1778.5	19.66	30.00	H

LTE Band 66_5MHz_64QAM

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
1712.5	20.05	30.00	H
1745	19.80	30.00	H
1777.5	19.73	30.00	H

LTE Band 66_10MHz_64QAM

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization

1715	20.45	30.00	H
1745	20.35	30.00	H
1775	20.16	30.00	H

LTE Band 66_15MHz_64QAM

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
1717.5	20.32	30.00	H
1745	20.18	30.00	H
1772.5	20.03	30.00	H

LTE Band 66_20MHz_64QAM

Frequency(MHz)	EIRP(dBm)	Limit(dBm)	Polarization
1720	20.39	30.00	H
1745	20.04	30.00	H
1770	20.17	30.00	H

LTE Band 71- ERP 27.50(c)

Limits: ≤38.45dBm (7W)

LTE Band 71_5MHz_QPSK

Frequency(MHz)	ERP(dBm)	Limit(dBm)	Polarization
665.5	14.74	38.45	H
680.5	14.69	38.45	H
695.5	14.71	38.45	H

LTE Band 71_10MHz_QPSK

Frequency(MHz)	ERP(dBm)	Limit(dBm)	Polarization
668.0	15.34	38.45	H
680.5	15.39	38.45	H
693.0	14.95	38.45	H

LTE Band 71_15MHz_QPSK

Frequency(MHz)	ERP(dBm)	Limit(dBm)	Polarization
670.5	14.79	38.45	H
680.5	14.83	38.45	H
690.5	14.5	38.45	H

LTE Band 71_20MHz_QPSK

Frequency(MHz)	ERP(dBm)	Limit(dBm)	Polarization
673.0	15.22	38.45	H
683.0	15.3	38.45	H
688.0	15.32	38.45	H

LTE Band 71_5MHz_16QAM

Frequency(MHz)	ERP(dBm)	Limit(dBm)	Polarization
665.5	14.09	38.45	H
680.5	13.7	38.45	H
695.5	13.82	38.45	H

LTE Band 71_10MHz_16QAM

Frequency(MHz)	ERP(dBm)	Limit(dBm)	Polarization
668.0	14.33	38.45	H
680.5	14.4	38.45	H
693.0	14.06	38.45	H

LTE Band 71_15MHz_16QAM

Frequency(MHz)	ERP(dBm)	Limit(dBm)	Polarization
670.5	13.78	38.45	H
680.5	13.84	38.45	H
690.5	13.61	38.45	H

LTE Band 71_20MHz_16QAM

Frequency(MHz)	ERP(dBm)	Limit(dBm)	Polarization
673.0	14.88	38.45	H
683.0	14.99	38.45	H
688.0	14.9	38.45	H

LTE Band 71_5MHz_64QAM

Frequency(MHz)	ERP(dBm)	Limit(dBm)	Polarization
665.5	13.08	38.45	H
680.5	12.71	38.45	H
695.5	12.93	38.45	H

LTE Band 71_10MHz_64QAM

Frequency(MHz)	ERP(dBm)	Limit(dBm)	Polarization
668.0	13.32	38.45	H
680.5	13.41	38.45	H
693.0	13.17	38.45	H

LTE Band 71_15MHz_64QAM

Frequency(MHz)	ERP(dBm)	Limit(dBm)	Polarization
670.5	12.77	38.45	H
680.5	12.85	38.45	H
690.5	12.72	38.45	H

LTE Band 71_20MHz_64QAM

Frequency(MHz)	ERP(dBm)	Limit(dBm)	Polarization
673.0	13.05	38.45	H
683.0	13.04	38.45	H
688.0	12.9	38.45	H

LTE CA-7C- EIRP 27.50(h)(2)

Limits: ≤33 dBm (2W)

LTE CA-7C _10MHz+20MHz_QPSK

PCC Frequency (MHz)	SCC Frequency (MHz)	PCC RB	SCC RB	EIRP(dBm)	Limit(dBm)	Polarization
2505.5	2519.9	1@49	1@0	23.82	33.00	H
		50@0	100@0	23.65	33.00	H
2525.6	2540	1@49	1@0	24.33	33.00	H
		50@0	100@0	23.59	33.00	H
2545.6	2560	1@49	1@0	24.55	33.00	H
		50@0	100@0	23.98	33.00	H

LTE CA-7C _20MHz+10MHz_QPSK

PCC Frequency (MHz)	SCC Frequency (MHz)	PCC RB	SCC RB	EIRP(dBm)	Limit(dBm)	Polarization
2510	2524.4	1@99	1@0	23.88	33.00	H
		100@0	50@0	23.31	33.00	H
2530.1	2544.5	1@99	1@0	24.16	33.00	H
		100@0	50@0	22.96	33.00	H
2550.1	2564.5	1@99	1@0	24.39	33.00	H
		100@0	50@0	23.27	33.00	H

LTE CA-7C_15MHz+15MHz_QPSK

PCC Frequency (MHz)	SCC Frequency (MHz)	PCC RB	SCC RB	EIRP(dBm)	Limit(dBm)	Polarization
2507.5	2522.5	1@74	1@0	23.92	33.00	H
		75@0	75@0	23.77	33.00	H
2527.5	2542.5	1@74	1@0	23.79	33.00	H
		75@0	75@0	23.67	33.00	H
2547.5	2562.5	1@74	1@0	24.08	33.00	H
		75@0	75@0	23.81	33.00	H

LTE CA-7C_15MHz+20MHz_QPSK

PCC Frequency (MHz)	SCC Frequency (MHz)	PCC RB	SCC RB	EIRP(dBm)	Limit(dBm)	Polarization
2507.8	2524.9	1@74	1@0	23.97	33.00	H
		75@0	75@0	23.72	33.00	H

2525.3	2542.4	1@74	1@0	23.77	33.00	H
		75@0	75@0	23.52	33.00	H
2542.9	2560	1@74	1@0	24.54	33.00	H
		75@0	75@0	24.2	33.00	H

LTE CA-7C_20MHz+15MHz_QPSK

PCC Frequency (MHz)	SCC Frequency (MHz)	PCC RB	SCC RB	EIRP(dBm)	Limit(dBm)	Polarization
2510	2527.1	1@99	1@0	23.52	33.00	H
		100@0	50@0	23.55	33.00	H
2527.6	2544.7	1@99	1@0	23.84	33.00	H
		100@0	50@0	23.96	33.00	H
2545.1	2562.2	1@99	1@0	23.91	33.00	H
		100@0	50@0	24.3	33.00	H

LTE CA-7C_20MHz+20MHz_QPSK

PCC Frequency (MHz)	SCC Frequency (MHz)	PCC RB	SCC RB	EIRP(dBm)	Limit(dBm)	Polarization
2510	2527.1	1@99	1@0	24.44	33.00	H
		1@0	1@99	15.43	33.00	H
		100@0	100@0	23.42	33.00	H
2527.6	2544.7	1@99	1@0	23.96	33.00	H
		1@0	1@99	15.97	33.00	H
		100@0	100@0	23.52	33.00	H
2545.1	2562.2	1@99	1@0	24.23	33.00	H
		1@0	1@99	15.86	33.00	H
		100@0	100@0	23.9	33.00	H

LTE CA-7C_10MHz+20MHz_16QAM

PCC Frequency (MHz)	SCC Frequency (MHz)	PCC RB	SCC RB	EIRP(dBm)	Limit(dBm)	Polarization
2505.5	2519.9	1@49	1@0	23.88	33.00	H
		50@0	100@0	23.87	33.00	H
2525.6	2540	1@49	1@0	24.58	33.00	H
		50@0	100@0	23.56	33.00	H
2545.6	2560	1@49	1@0	24.55	33.00	H
		50@0	100@0	23.66	33.00	H

LTE CA-7C_20MHz+10MHz_16QAM

PCC Frequency (MHz)	SCC Frequency (MHz)	PCC RB	SCC RB	EIRP(dBm)	Limit(dBm)	Polarization
2510	2524.4	1@99	1@0	24.52	33.00	H
		100@0	50@0	23.36	33.00	H
2530.1	2544.5	1@99	1@0	24.39	33.00	H
		100@0	50@0	22.06	33.00	H
2550.1	2564.5	1@99	1@0	24.9	33.00	H
		100@0	50@0	23.28	33.00	H

LTE CA-7C_15MHz+15MHz_16QAM

PCC Frequency (MHz)	SCC Frequency (MHz)	PCC RB	SCC RB	EIRP(dBm)	Limit(dBm)	Polarization
2507.5	2522.5	1@74	1@0	24.57	33.00	H
		75@0	75@0	23.62	33.00	H
2527.5	2542.5	1@74	1@0	24.37	33.00	H
		75@0	75@0	22.96	33.00	H
2547.5	2562.5	1@74	1@0	24.3	33.00	H
		75@0	75@0	23.8	33.00	H

LTE CA-7C_15MHz+20MHz_16QAM

PCC Frequency (MHz)	SCC Frequency (MHz)	PCC RB	SCC RB	EIRP(dBm)	Limit(dBm)	Polarization
2507.8	2524.9	1@74	1@0	25.85	33.00	H
		75@0	75@0	23.56	33.00	H
2525.3	2542.4	1@74	1@0	24.31	33.00	H
		75@0	75@0	23.45	33.00	H
2542.9	2560	1@74	1@0	24.46	33.00	H
		75@0	75@0	23.97	33.00	H

LTE CA-7C_20MHz+15MHz_16QAM

PCC Frequency (MHz)	SCC Frequency (MHz)	PCC RB	SCC RB	EIRP(dBm)	Limit(dBm)	Polarization
2510	2527.1	1@99	1@0	24.5	33.00	H
		100@0	50@0	23.49	33.00	H
2527.6	2544.7	1@99	1@0	24.06	33.00	H
		100@0	50@0	23.64	33.00	H
2545.1	2562.2	1@99	1@0	24.08	33.00	H
		100@0	50@0	24.21	33.00	H

LTE CA-7C_20MHz+20MHz_16QAM

PCC Frequency (MHz)	SCC Frequency (MHz)	PCC RB	SCC RB	EIRP(dBm)	Limit(dBm)	Polarization
2510	2527.1	1@99	1@0	24.48	33.00	H
		1@0	1@99	15.41	33.00	H
		100@0	100@0	23.4	33.00	H
2527.6	2544.7	1@99	1@0	24.78	33.00	H
		1@0	1@99	15.83	33.00	H
		100@0	100@0	23.42	33.00	H
2545.1	2562.2	1@99	1@0	24.52	33.00	H
		1@0	1@99	15.41	33.00	H
		100@0	100@0	23.64	33.00	H

LTE CA-7C_10MHz+20MHz_64QAM

PCC Frequency (MHz)	SCC Frequency (MHz)	PCC RB	SCC RB	EIRP(dBm)	Limit(dBm)	Polarization
2505.5	2519.9	1@49	1@0	23.3	33.00	H
		50@0	100@0	23.21	33.00	H
2525.6	2540	1@49	1@0	24.37	33.00	H
		50@0	100@0	23.27	33.00	H
2545.6	2560	1@49	1@0	24.12	33.00	H
		50@0	100@0	23.25	33.00	H

LTE CA-7C_20MHz+10MHz_64QAM

PCC Frequency (MHz)	SCC Frequency (MHz)	PCC RB	SCC RB	EIRP(dBm)	Limit(dBm)	Polarization
2510	2524.4	1@99	1@0	23.79	33.00	H
		100@0	50@0	23.15	33.00	H
2530.1	2544.5	1@99	1@0	24.24	33.00	H
		100@0	50@0	21.72	33.00	H
2550.1	2564.5	1@99	1@0	23.58	33.00	H
		100@0	50@0	23.07	33.00	H

LTE CA-7C_15MHz+15MHz_64QAM

PCC Frequency (MHz)	SCC Frequency (MHz)	PCC RB	SCC RB	EIRP(dBm)	Limit(dBm)	Polarization
2507.5	2522.5	1@74	1@0	24.18	33.00	H

		75@0	75@0	23.19	33.00	H
2527.5	2542.5	1@74	1@0	23.97	33.00	H
		75@0	75@0	22.9	33.00	H
2547.5	2562.5	1@74	1@0	24.11	33.00	H
		75@0	75@0	23.57	33.00	H

LTE CA-7C_15MHz+20MHz_64QAM

PCC Frequency (MHz)	SCC Frequency (MHz)	PCC RB	SCC RB	EIRP(dBm)	Limit(dBm)	Polarization
2507.8	2524.9	1@74	1@0	24.8	33.00	H
		75@0	75@0	23.3	33.00	H
2525.3	2542.4	1@74	1@0	24.22	33.00	H
		75@0	75@0	23.26	33.00	H
2542.9	2560	1@74	1@0	23.91	33.00	H
		75@0	75@0	23.48	33.00	H

LTE CA-7C_20MHz+15MHz_64QAM

PCC Frequency (MHz)	SCC Frequency (MHz)	PCC RB	SCC RB	EIRP(dBm)	Limit(dBm)	Polarization
2510	2527.1	1@99	1@0	24.1	33.00	H
		100@0	50@0	23.27	33.00	H
2527.6	2544.7	1@99	1@0	23.96	33.00	H
		100@0	50@0	22.58	33.00	H
2545.1	2562.2	1@99	1@0	23.37	33.00	H
		100@0	50@0	23.97	33.00	H

LTE CA-7C_20MHz+20MHz_64QAM

PCC Frequency (MHz)	SCC Frequency (MHz)	PCC RB	SCC RB	EIRP(dBm)	Limit(dBm)	Polarization
2510	2527.1	1@99	1@0	24.21	33.00	H
		1@0	1@99	14.89	33.00	H
		100@0	100@0	23.21	33.00	H
2527.6	2544.7	1@99	1@0	24.4	33.00	H
		1@0	1@99	15.68	33.00	H
		100@0	100@0	23.28	33.00	H
2545.1	2562.2	1@99	1@0	24.13	33.00	H
		1@0	1@99	15.31	33.00	H
		100@0	100@0	22.78	33.00	H

LTE CA-41C- EIRP 27.50(h)(2)

Limits: ≤33 dBm (2W)

LTE CA-41C_10MHz+20MHz_QPSK

PCC Frequency (MHz)	SCC Frequency (MHz)	PCC RB	SCC RB	EIRP(dBm)	Limit(dBm)	Polarization
2501.5	2515.9	1@49	1@0	22.23	33.00	H
		50@0	100@0	23.47	33.00	H
2583.6	2598	1@49	1@0	23.41	33.00	H
		50@0	100@0	23.00	33.00	H
2665.6	2680	1@49	1@0	22.98	33.00	H
		50@0	100@0	21.16	33.00	H

LTE CA-41C_20MHz+10MHz_QPSK

PCC Frequency (MHz)	SCC Frequency (MHz)	PCC RB	SCC RB	EIRP(dBm)	Limit(dBm)	Polarization
2506	2520.4	1@99	1@0	23.39	33.00	H
		100@0	50@0	22.95	33.00	H
2588.1	2602.5	1@99	1@0	22.58	33.00	H
		100@0	50@0	23.48	33.00	H
2670.1	2684.5	1@99	1@0	18.38	33.00	H
		100@0	50@0	20.08	33.00	H

LTE CA-41C_15MHz+15MHz_QPSK

PCC Frequency (MHz)	SCC Frequency (MHz)	PCC RB	SCC RB	EIRP(dBm)	Limit(dBm)	Polarization
2503.5	2518.5	1@74	1@0	23.07	33.00	H
		75@0	75@0	23.5	33.00	H
2585.5	2600.5	1@74	1@0	23.42	33.00	H
		75@0	75@0	23.49	33.00	H
2667.5	2682.5	1@74	1@0	22.58	33.00	H
		75@0	75@0	20.25	33.00	H

LTE CA-41C_15MHz+20MHz_QPSK

PCC Frequency (MHz)	SCC Frequency (MHz)	PCC RB	SCC RB	EIRP(dBm)	Limit(dBm)	Polarization
2503.8	2520.9	1@74	1@0	23.48	33.00	H
		75@0	75@0	23.02	33.00	H

2583.3	2600.4	1@74	1@0	23.02	33.00	H
		75@0	75@0	22.9	33.00	H
2662.9	2680	1@74	1@0	22.91	33.00	H
		75@0	75@0	21.25	33.00	H

LTE CA-41C_20MHz+15MHz_QPSK

PCC Frequency (MHz)	SCC Frequency (MHz)	PCC RB	SCC RB	EIRP(dBm)	Limit(dBm)	Polarization
2506	2523.1	1@99	1@0	22.62	33.00	H
		100@0	50@0	23.49	33.00	H
2585.6	2602.7	1@99	1@0	22.54	33.00	H
		100@0	50@0	22.73	33.00	H
2665.1	2682.2	1@99	1@0	22.57	33.00	H
		100@0	50@0	20.1	33.00	H

LTE CA-41C_20MHz+20MHz_QPSK

PCC Frequency (MHz)	SCC Frequency (MHz)	PCC RB	SCC RB	EIRP(dBm)	Limit(dBm)	Polarization
2506	2525.8	1@99	1@0	22.68	33.00	H
		1@0	1@99	21.88	33.00	H
		100@0	100@0	22.91	33.00	H
2583.1	2602.9	1@99	1@0	22.89	33.00	H
		1@0	1@99	21.18	33.00	H
		100@0	100@0	22.8	33.00	H
2660.2	2680	1@99	1@0	22.68	33.00	H
		1@0	1@99	21.29	33.00	H
		100@0	100@0	20.21	33.00	H

LTE CA-41C_10MHz+20MHz_16QAM

PCC Frequency (MHz)	SCC Frequency (MHz)	PCC RB	SCC RB	EIRP(dBm)	Limit(dBm)	Polarization
2501.5	2515.9	1@49	1@0	23.84	33.00	H
		50@0	100@0	23.49	33.00	H
2583.6	2598	1@49	1@0	22.87	33.00	H
		50@0	100@0	22.78	33.00	H
2665.6	2680	1@49	1@0	21.91	33.00	H
		50@0	100@0	19.27	33.00	H

LTE CA-41C_20MHz+10MHz_16QAM

PCC Frequency (MHz)	SCC Frequency (MHz)	PCC RB	SCC RB	EIRP(dBm)	Limit(dBm)	Polarization
2506	2520.4	1@99	1@0	23.48	33.00	H
		100@0	50@0	22.79	33.00	H
2588.1	2602.5	1@99	1@0	22.76	33.00	H
		100@0	50@0	22.56	33.00	H
2670.1	2684.5	1@99	1@0	22.62	33.00	H
		100@0	50@0	18.01	33.00	H

LTE CA-41C_15MHz+15MHz_16QAM

PCC Frequency (MHz)	SCC Frequency (MHz)	PCC RB	SCC RB	EIRP(dBm)	Limit(dBm)	Polarization
2503.5	2518.5	1@74	1@0	22.88	33.00	H
		75@0	75@0	23.03	33.00	H
2585.5	2600.5	1@74	1@0	22.46	33.00	H
		75@0	75@0	22.72	33.00	H
2667.5	2682.5	1@74	1@0	20.89	33.00	H
		75@0	75@0	18.41	33.00	H

LTE CA-41C_15MHz+20MHz_16QAM

PCC Frequency (MHz)	SCC Frequency (MHz)	PCC RB	SCC RB	EIRP(dBm)	Limit(dBm)	Polarization
2503.8	2520.9	1@74	1@0	23.12	33.00	H
		75@0	75@0	22.8	33.00	H
2583.3	2600.4	1@74	1@0	22.8	33.00	H
		75@0	75@0	22.93	33.00	H
2662.9	2680	1@74	1@0	21.88	33.00	H
		75@0	75@0	18.72	33.00	H

LTE CA-41C_20MHz+15MHz_16QAM

PCC Frequency (MHz)	SCC Frequency (MHz)	PCC RB	SCC RB	EIRP(dBm)	Limit(dBm)	Polarization
2506	2523.1	1@99	1@0	22.29	33.00	H
		100@0	50@0	22.66	33.00	H
2585.6	2602.7	1@99	1@0	22.59	33.00	H
		100@0	50@0	22.68	33.00	H
2665.1	2682.2	1@99	1@0	21.59	33.00	H
		100@0	50@0	18.07	33.00	H

LTE CA-41C_20MHz+20MHz_16QAM

PCC Frequency (MHz)	SCC Frequency (MHz)	PCC RB	SCC RB	EIRP(dBm)	Limit(dBm)	Polarization
2506	2525.8	1@99	1@0	23.09	33.00	H
		1@0	1@99	17.48	33.00	H
		100@0	100@0	23.5	33.00	H
2583.1	2602.9	1@99	1@0	23.06	33.00	H
		1@0	1@99	21.26	33.00	H
		100@0	100@0	22.48	33.00	H
2660.2	2680	1@99	1@0	21.7	33.00	H
		1@0	1@99	21.7	33.00	H
		100@0	100@0	22.11	33.00	H

LTE CA-41C_10MHz+20MHz_64QAM

PCC Frequency (MHz)	SCC Frequency (MHz)	PCC RB	SCC RB	EIRP(dBm)	Limit(dBm)	Polarization
2501.5	2515.9	1@49	1@0	23.68	33.00	H
		50@0	100@0	23.31	33.00	H
2583.6	2598	1@49	1@0	22.82	33.00	H
		50@0	100@0	22.41	33.00	H
2665.6	2680	1@49	1@0	21.63	33.00	H
		50@0	100@0	18.88	33.00	H

LTE CA-41C_20MHz+10MHz_64QAM

PCC Frequency (MHz)	SCC Frequency (MHz)	PCC RB	SCC RB	EIRP(dBm)	Limit(dBm)	Polarization
2506	2520.4	1@99	1@0	23.42	33.00	H
		100@0	50@0	22.66	33.00	H
2588.1	2602.5	1@99	1@0	22.37	33.00	H
		100@0	50@0	20.91	33.00	H
2670.1	2684.5	1@99	1@0	22.5	33.00	H
		100@0	50@0	16.98	33.00	H

LTE CA-41C_15MHz+15MHz_64QAM

PCC Frequency (MHz)	SCC Frequency (MHz)	PCC RB	SCC RB	EIRP(dBm)	Limit(dBm)	Polarization
2503.5	2518.5	1@74	1@0	22.1	33.00	H
		75@0	75@0	22.76	33.00	H

2585.5	2600.5	1@74	1@0	21.44	33.00	H
		75@0	75@0	22.57	33.00	H
2667.5	2682.5	1@74	1@0	20.24	33.00	H
		75@0	75@0	16.02	33.00	H

LTE CA-41C_15MHz+20MHz_64QAM

PCC Frequency (MHz)	SCC Frequency (MHz)	PCC RB	SCC RB	EIRP(dBm)	Limit(dBm)	Polarization
2503.8	2520.9	1@74	1@0	21.85	33.00	H
		75@0	75@0	22.5	33.00	H
2583.3	2600.4	1@74	1@0	22.44	33.00	H
		75@0	75@0	22.49	33.00	H
2662.9	2680	1@74	1@0	21.4	33.00	H
		75@0	75@0	18.32	33.00	H

LTE CA-41C _20MHz+15MHz_64QAM

PCC Frequency (MHz)	SCC Frequency (MHz)	PCC RB	SCC RB	EIRP(dBm)	Limit(dBm)	Polarization
2506	2523.1	1@99	1@0	21.11	33.00	H
		100@0	50@0	22.49	33.00	H
2585.6	2602.7	1@99	1@0	22.3	33.00	H
		100@0	50@0	21.8	33.00	H
2665.1	2682.2	1@99	1@0	21.19	33.00	H
		100@0	50@0	17.13	33.00	H

LTE CA-41C_20MHz+20MHz_64QAM

PCC Frequency (MHz)	SCC Frequency (MHz)	PCC RB	SCC RB	EIRP(dBm)	Limit(dBm)	Polarization
2506	2525.8	1@99	1@0	22.8	33.00	H
		1@0	1@99	16.43	33.00	H
		100@0	100@0	22.87	33.00	H
2583.1	2602.9	1@99	1@0	22.78	33.00	H
		1@0	1@99	20.29	33.00	H
		100@0	100@0	20.85	33.00	H
2660.2	2680	1@99	1@0	20.39	33.00	H
		1@0	1@99	20.08	33.00	H
		100@0	100@0	20.94	33.00	H

ANALYZER SETTINGS:

RBW = VBW = 8MHz for occupied bandwdiths equal to or less than 5MHz.

RBW = VBW = 20MHz for occupied bandwidths equal to or greater than 10MHz.

6.4. Occupied Bandwidth

Reference

No specific occupied bandwidth requirements in RSS-Gen: 6.7.

6.4.1 Occupied Bandwidth Results

Occupied bandwidth measurements are only provided for selected frequencies in order to reduce the amount of submitted data. Data were taken at the extreme and mid frequencies of the US Cellular/PCS frequency bands. The table below lists the measured 99% BW. Spectrum analyzer plots are included on the following pages.

The measurement method is from KDB 971168 4:

a) The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be set wide enough to capture all modulation products including the emission skirts (i.e., two to five times the OBW).

b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1 to 5 % of the anticipated OBW, and the VBW shall be at least 3 times the RBW.

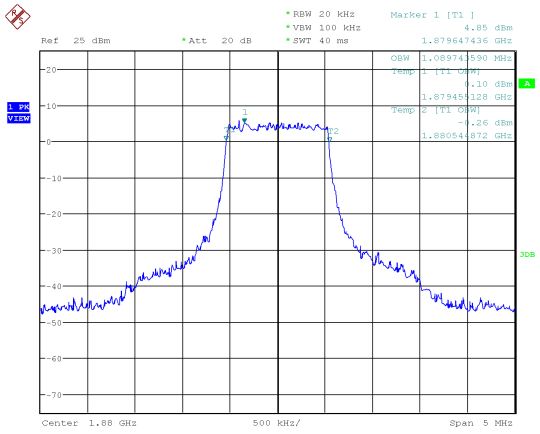
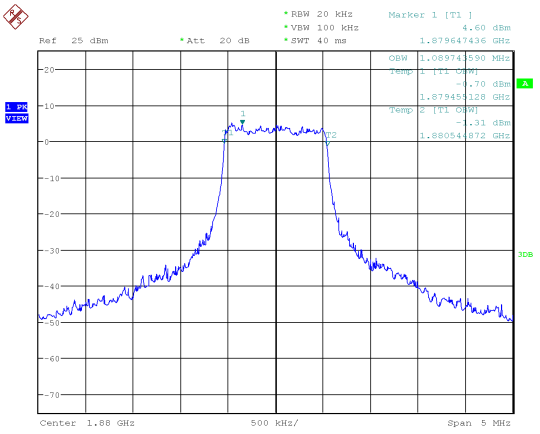
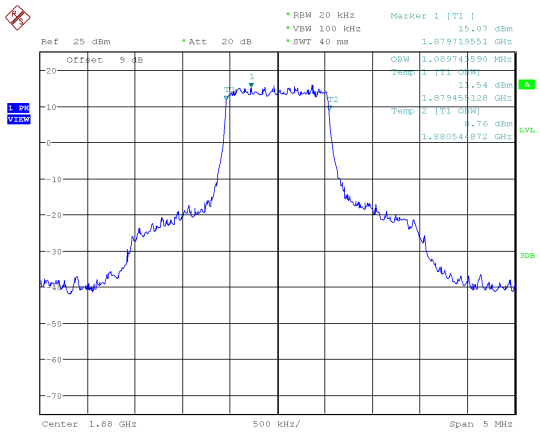
c) Set the reference level of the instrument as required to keep the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope must be at least 10log (OBW / RBW) below the reference level.

d) Set the detection mode to peak, and the trace mode to max hold.

e) Use the 99 % power bandwidth function of the spectrum analyzer and report the measured bandwidth.

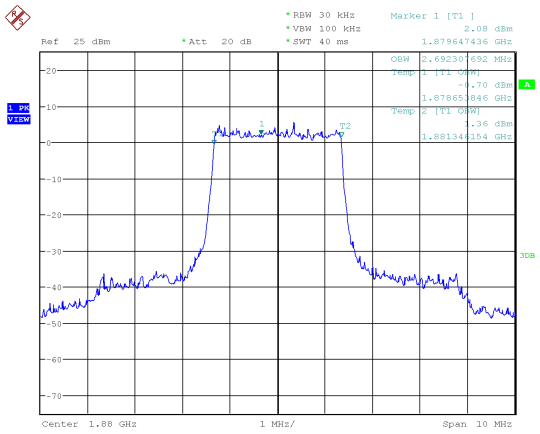
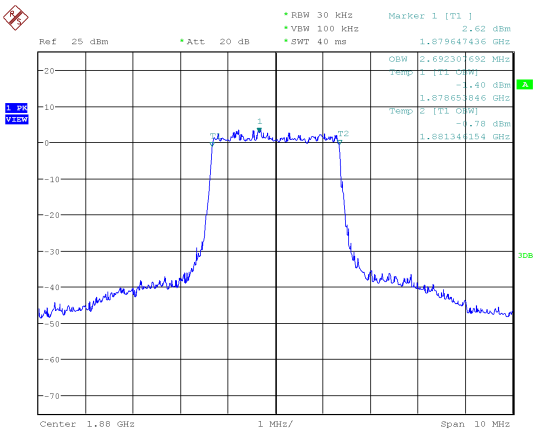
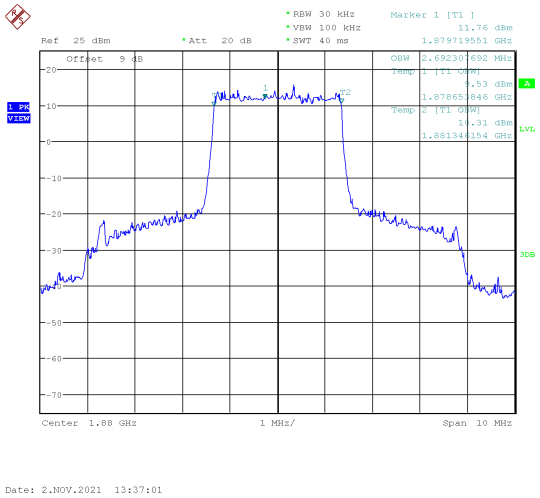
Occupied Bandwidth Measurement Results:

LTE band 2, 1.4MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
1880.0	QPSK	16QAM	64QAM
	1.09	1.09	1.09
QPSK(99% BW)	16QAM(99% BW)		
			
64QAM(99% BW)	/		
	/		

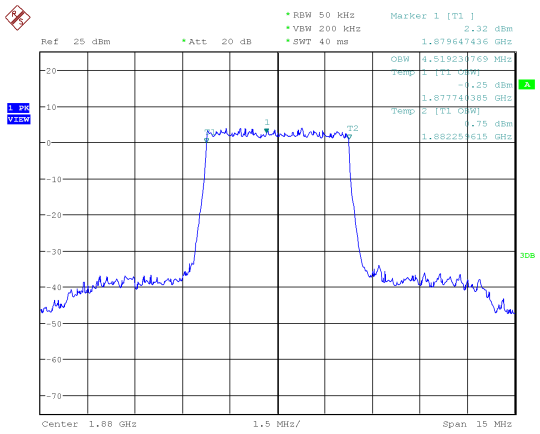
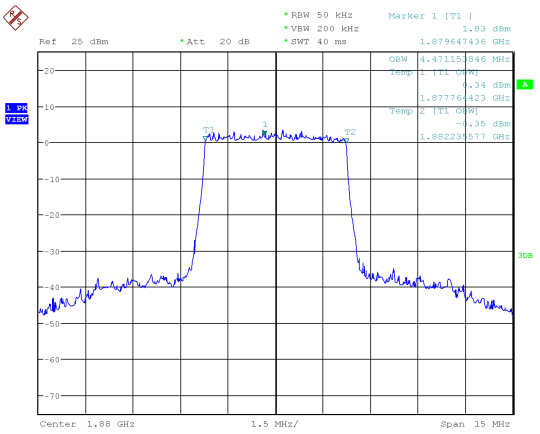
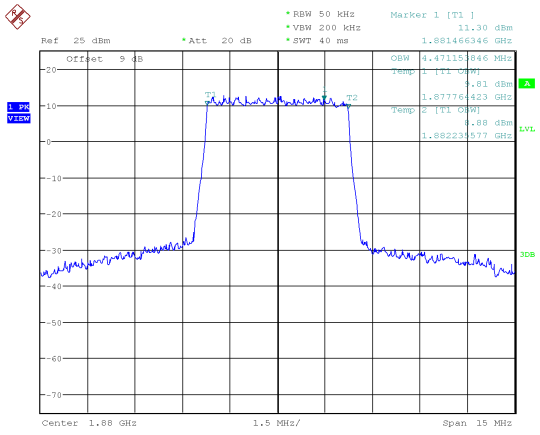
LTE band 2, 3MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
1880.0	QPSK	16QAM	64QAM
	2.692	2.692	2.692

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

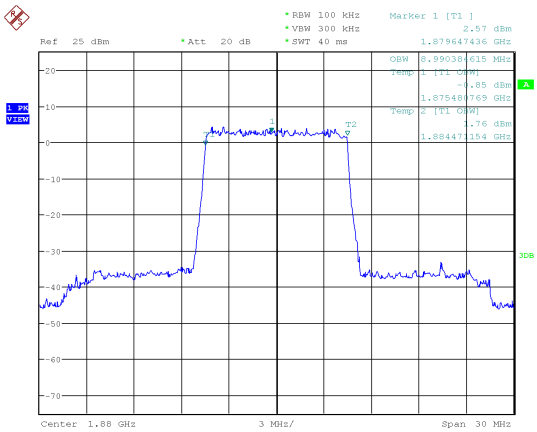
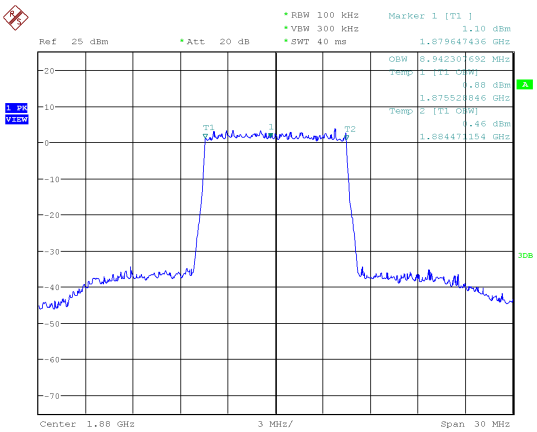
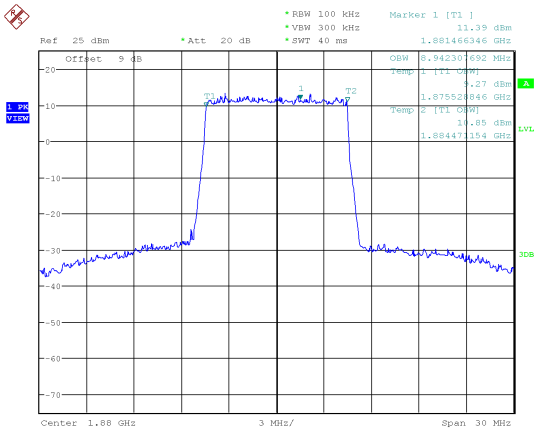
LTE band 2, 5MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
1880.0	QPSK	16QAM	64QAM
	4.519	4.471	4.471

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

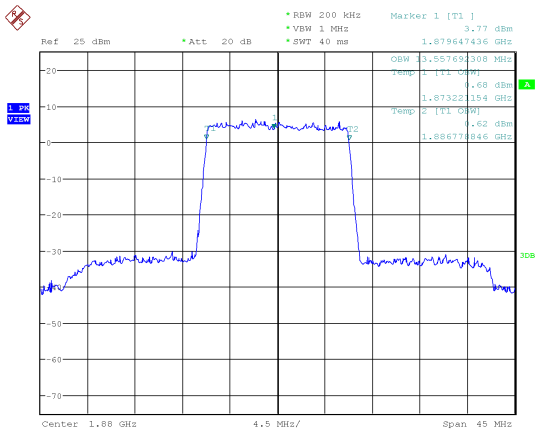
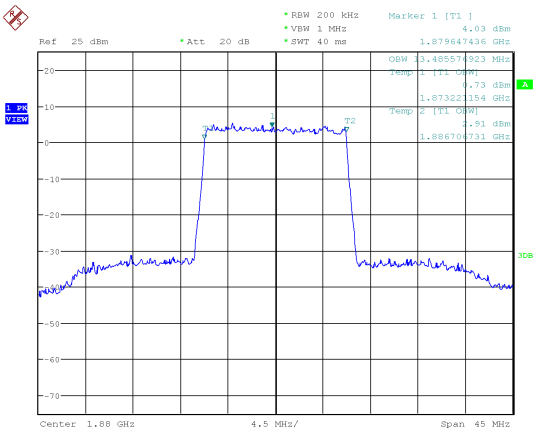
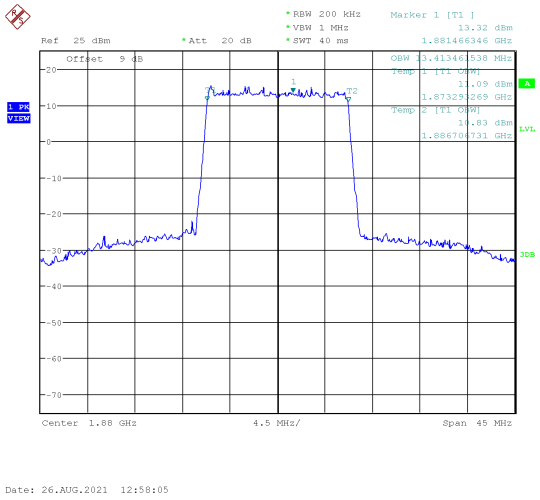
LTE band 2, 10MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
1880.0	QPSK	16QAM	64QAM
	8.99	8.942	8.942

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

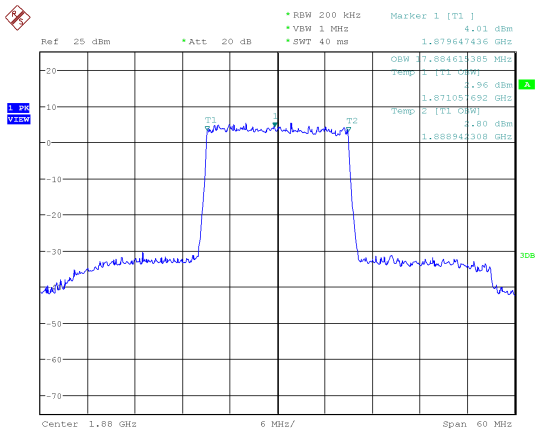
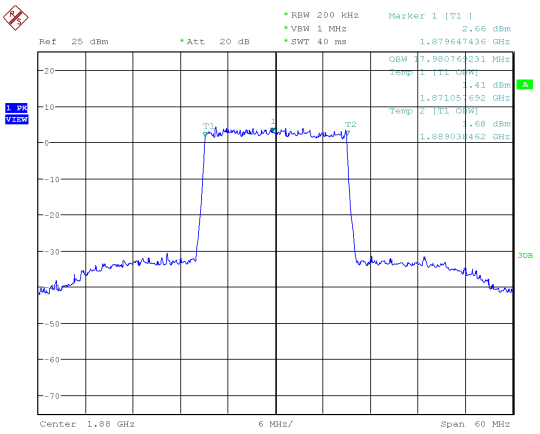
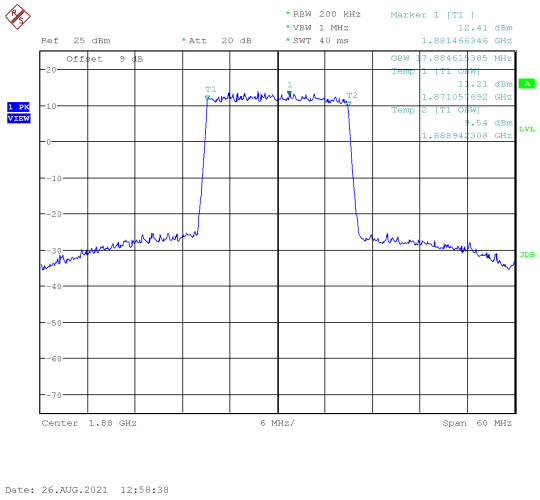
LTE band 2, 15MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
1880.0	QPSK	16QAM	64QAM
	13.558	13.486	13.413

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

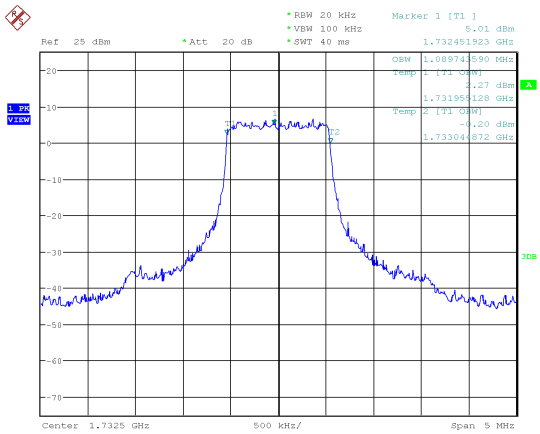
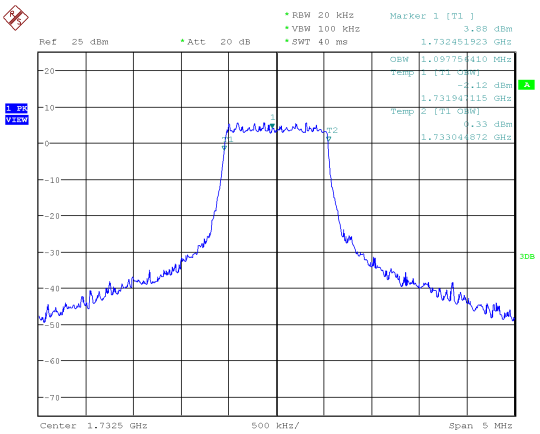
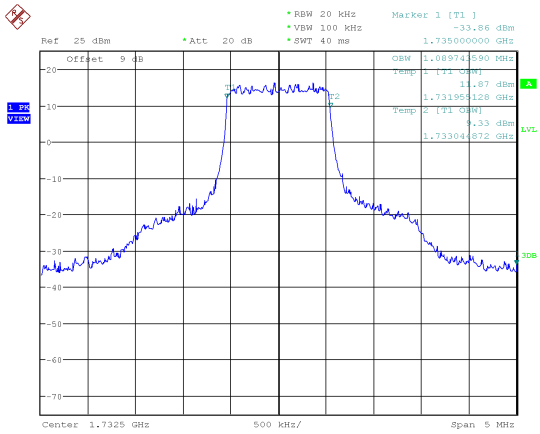
LTE band 2, 20MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
1880.0	QPSK	16QAM	64QAM
	17.885	17.981	17.885

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

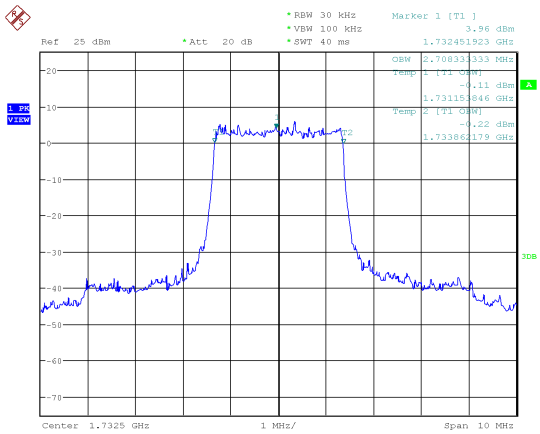
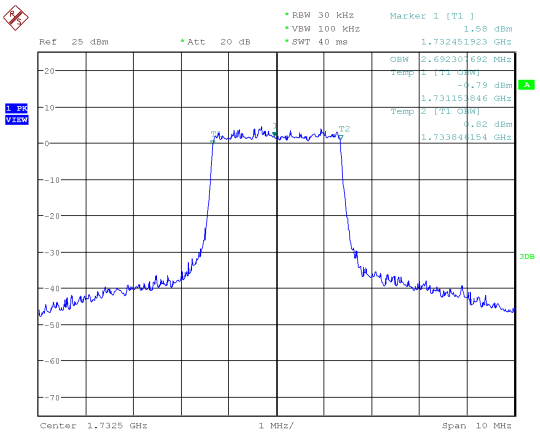
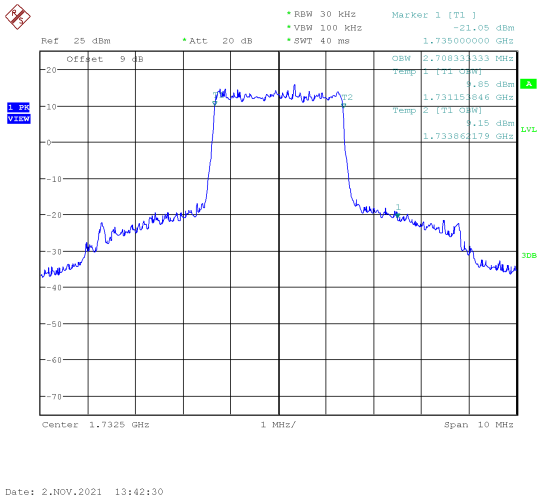
LTE band 4, 1.4MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
1732.5	QPSK	16QAM	64QAM
	1.09	1.098	1.09

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

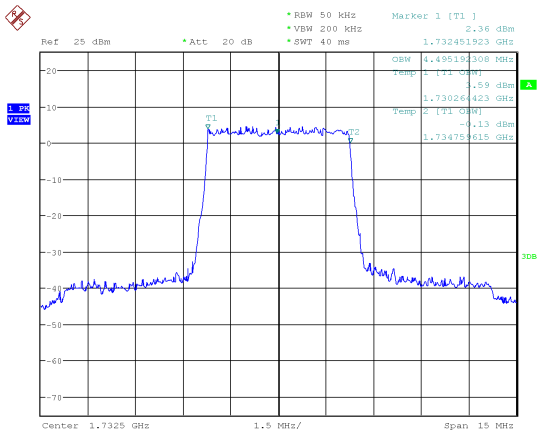
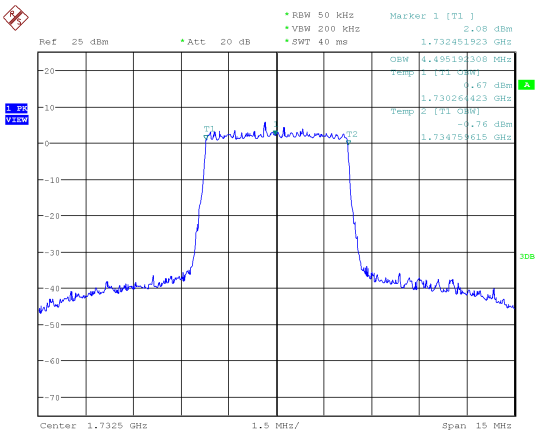
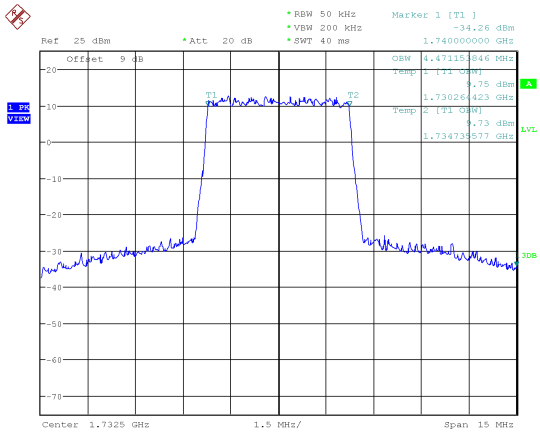
LTE band 4, 3MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
1732.5	QPSK	16QAM	64QAM
	2.708	2.692	2.708

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

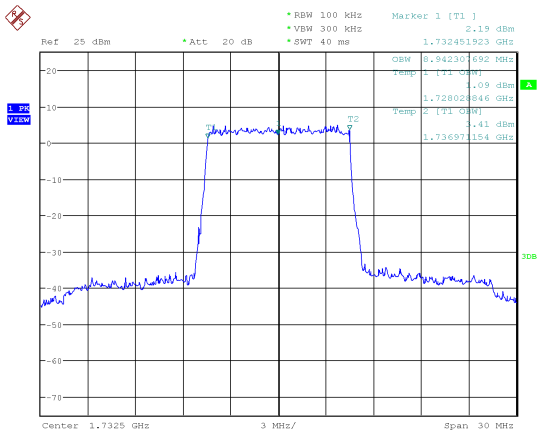
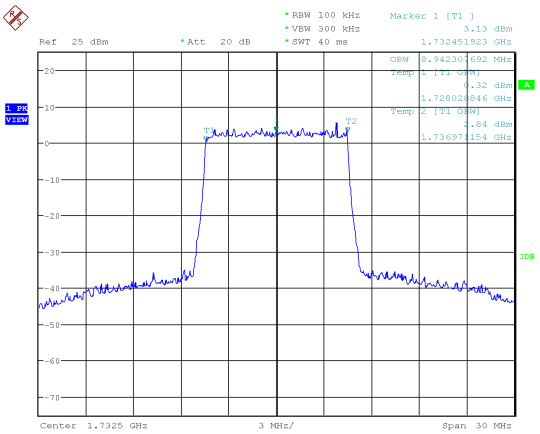
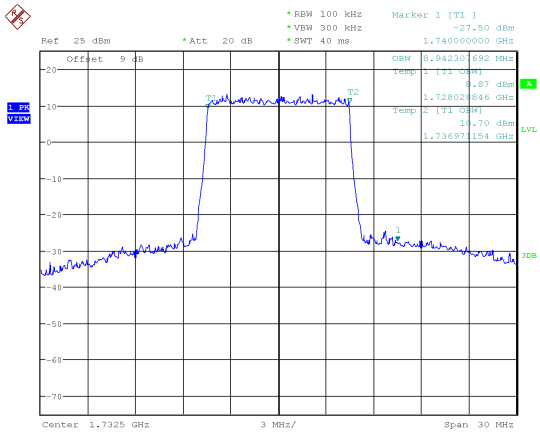
LTE band 4, 5MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
1732.5	QPSK	16QAM	64QAM
	4.495	4.495	4.471

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

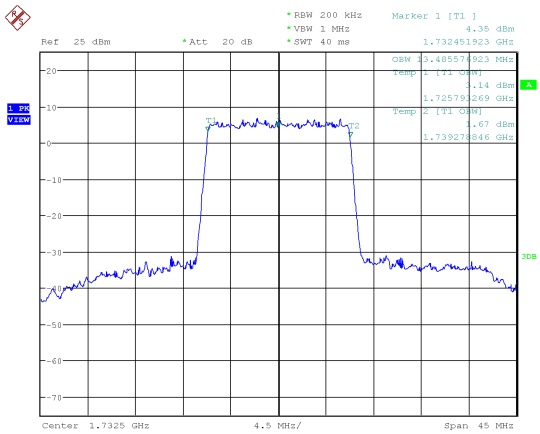
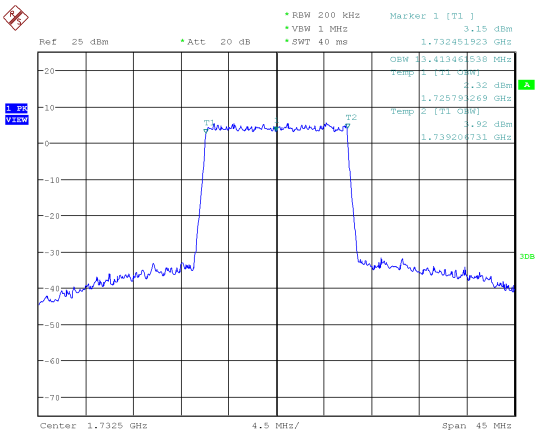
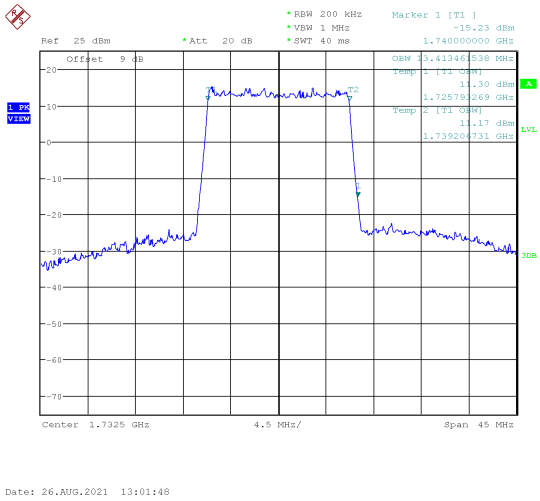
LTE band 4, 10MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
1732.5	QPSK	16QAM	64QAM
	8.942	8.942	8.942

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

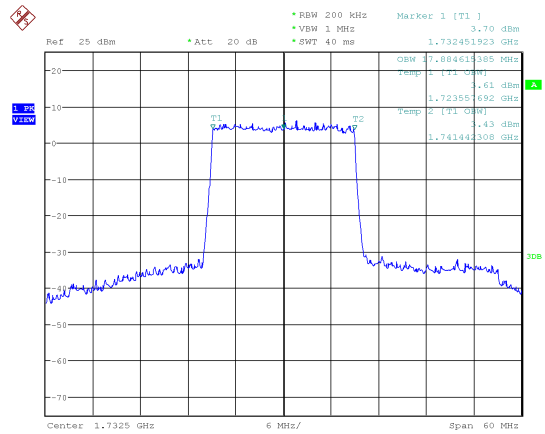
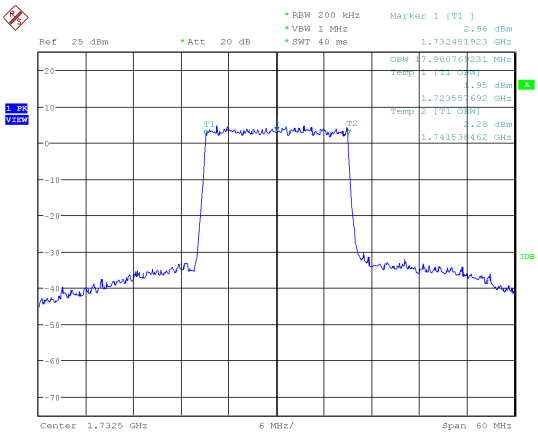
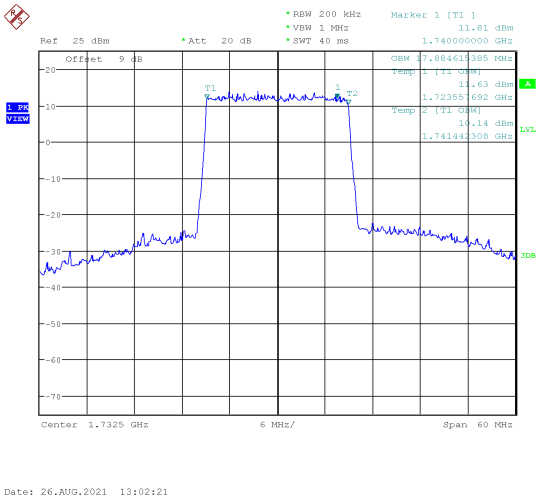
LTE band 4, 15MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
1732.5	QPSK	16QAM	64QAM
	13.486	13.413	13.413

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

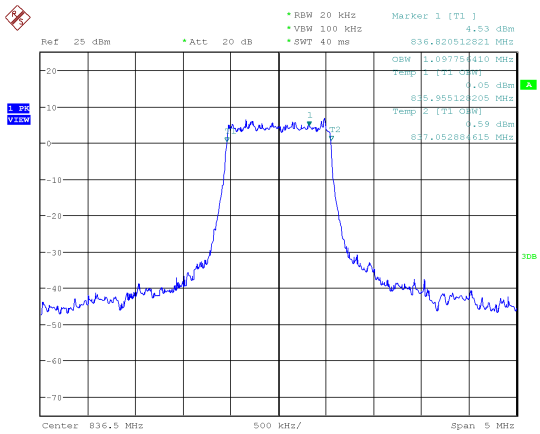
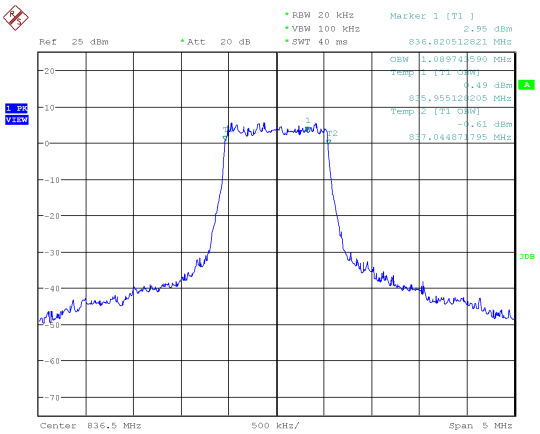
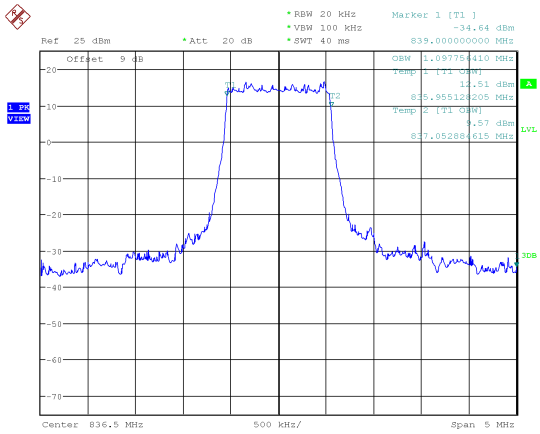
LTE band 4, 20MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
1732.5	QPSK	16QAM	64QAM
	17.885	17.981	17.885

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

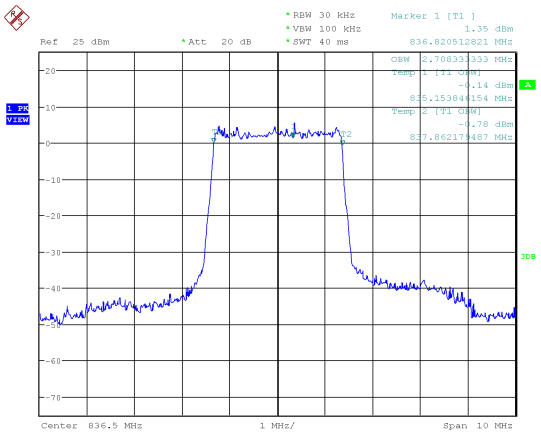
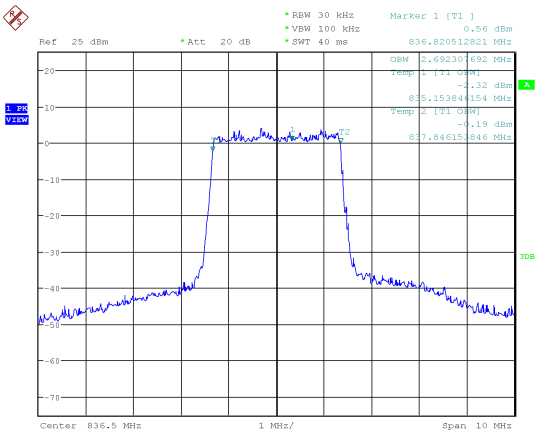
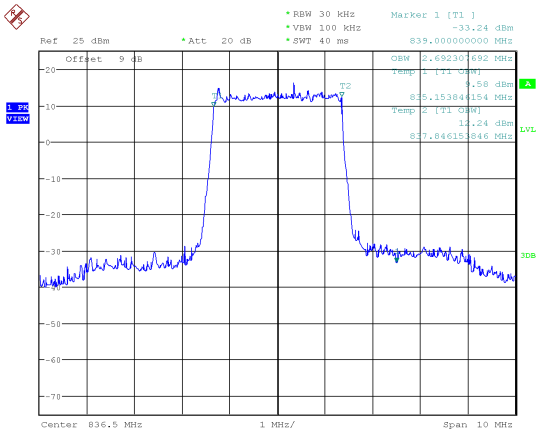
LTE band 5,1.4MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
836.5	QPSK	16QAM	64QAM
	1.098	1.09	1.098

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

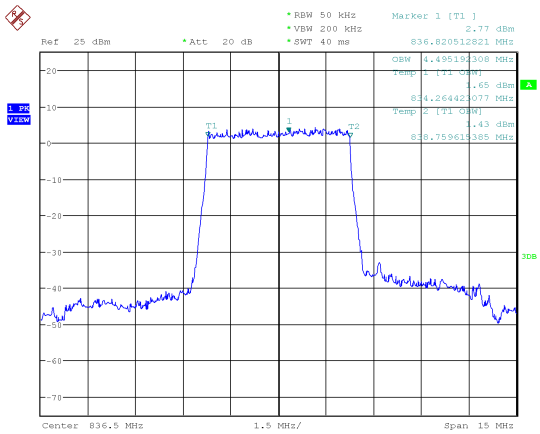
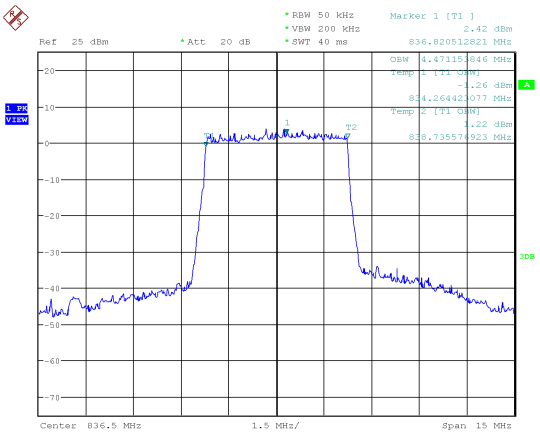
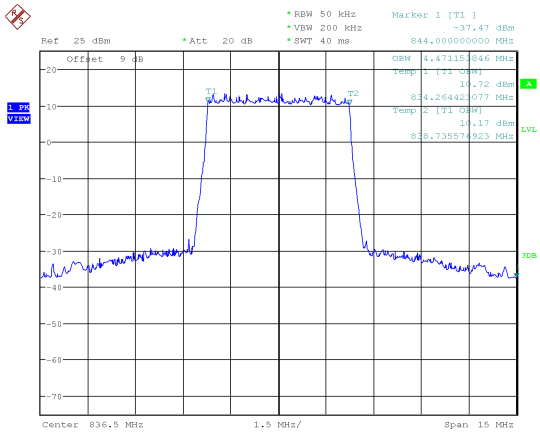
LTE band 5, 3MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
836.5	QPSK	16QAM	64QAM
	2.708	2.692	2.692

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	/
	/

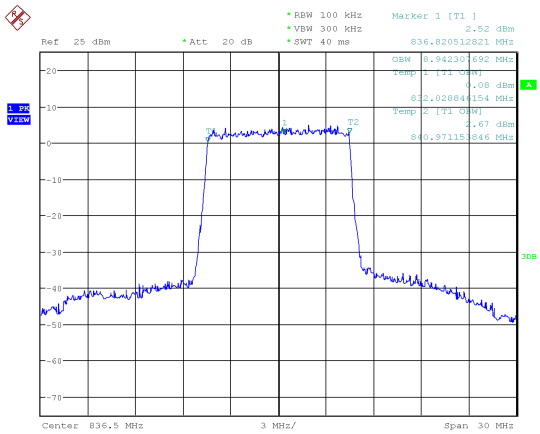
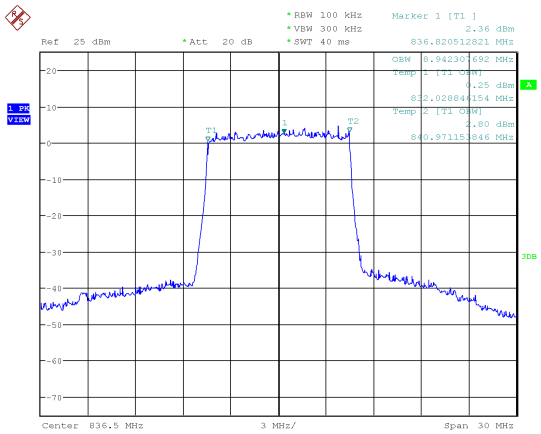
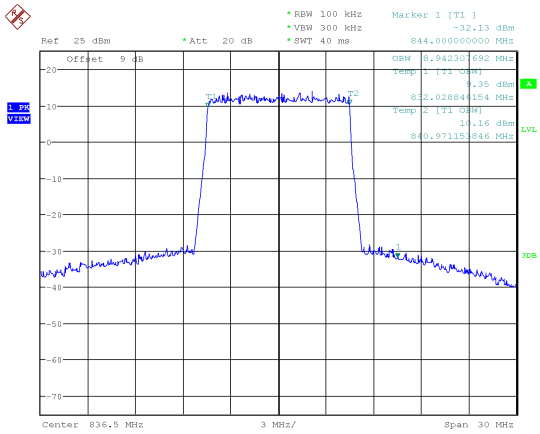
LTE band 5, 5MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
836.5	QPSK	16QAM	64QAM
	4.495	4.471	4.471

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

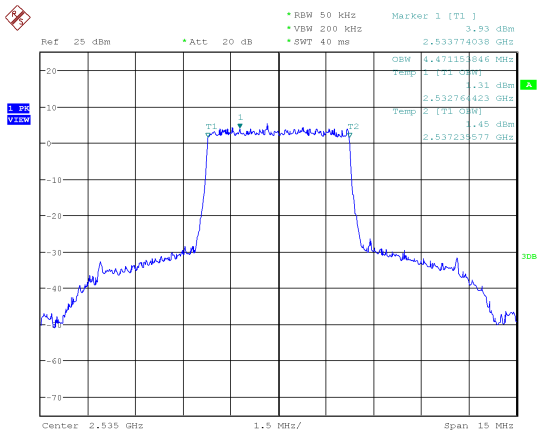
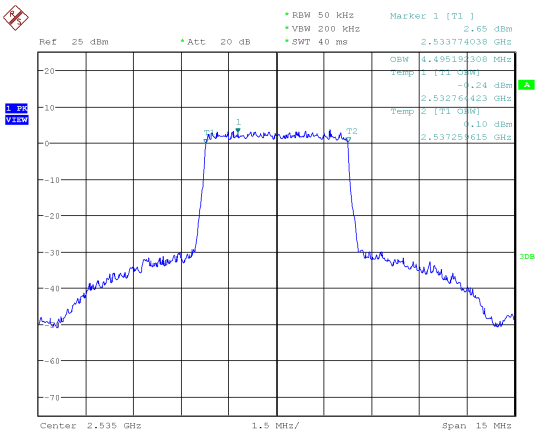
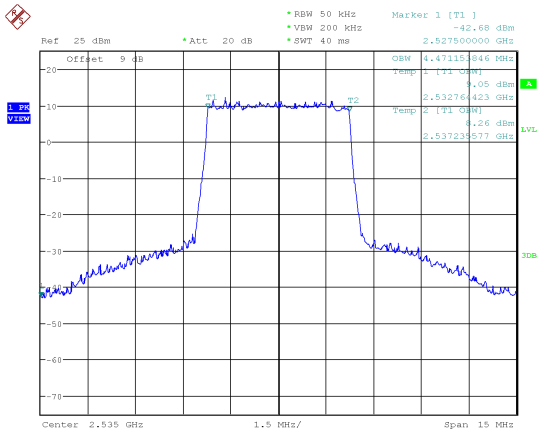
LTE band 5, 10MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
836.5	QPSK	16QAM	64QAM
	8.942	8.942	8.942

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

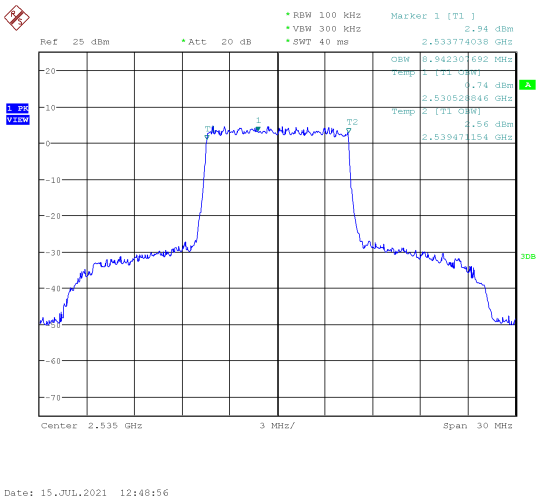
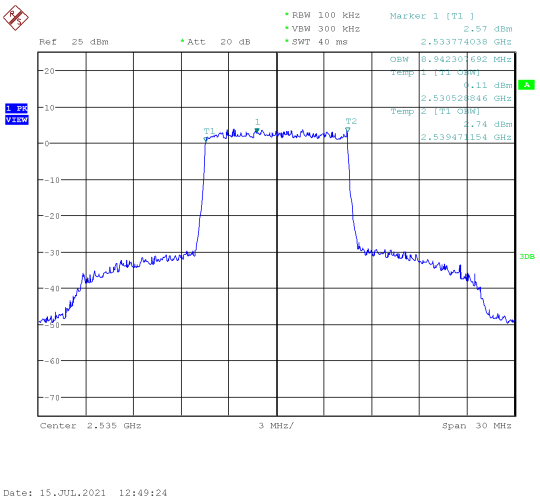
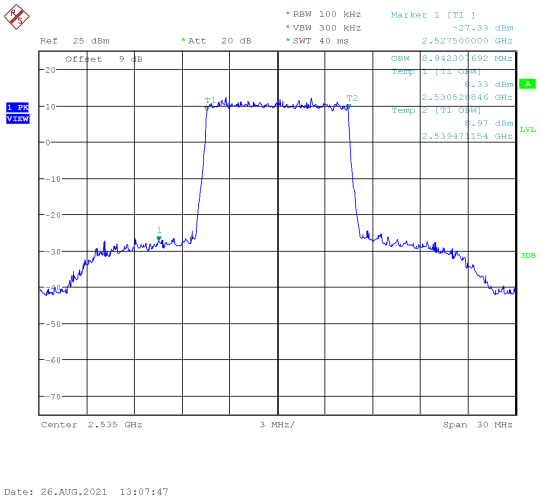
LTE band 7, 5MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
2535.0	QPSK	16QAM	64QAM
	4.471	4.495	4.471

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

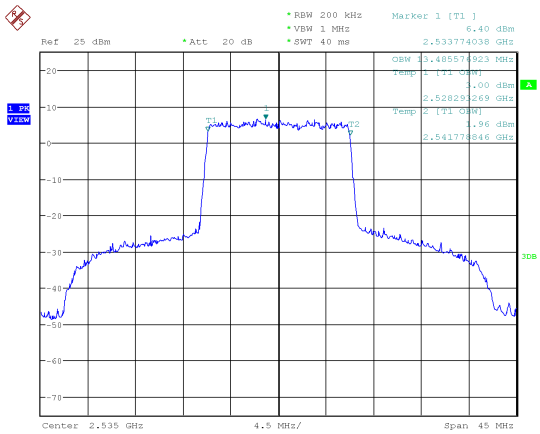
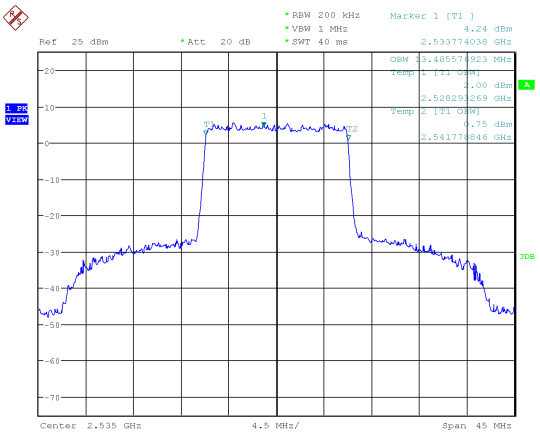
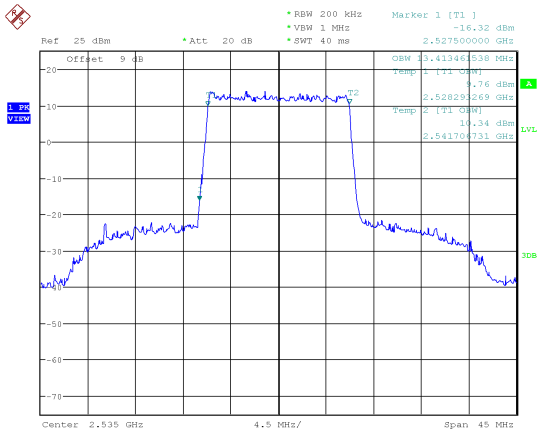
LTE band 7, 10MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
2535.0	QPSK	16QAM	64QAM
	8.942	8.942	8.942

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	/
	/

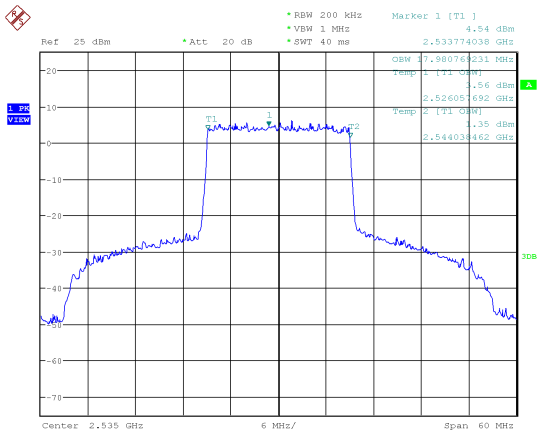
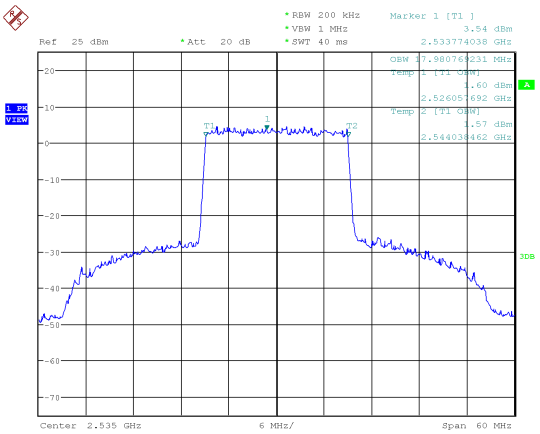
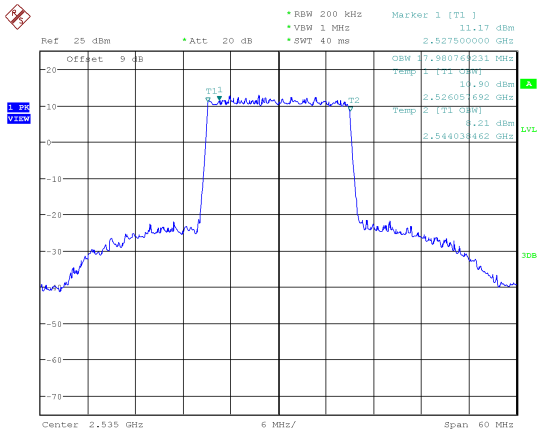
LTE band 7, 15MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
2535.0	QPSK	16QAM	64QAM
	13.486	13.486	13.413

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

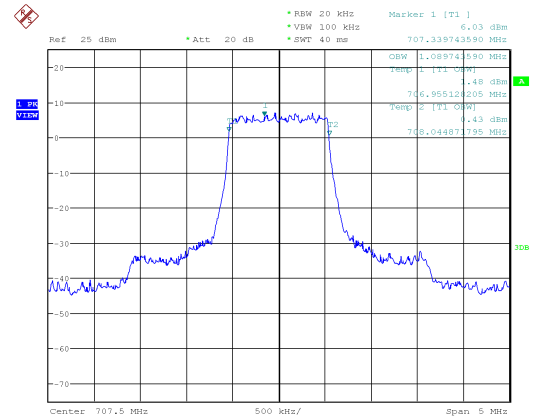
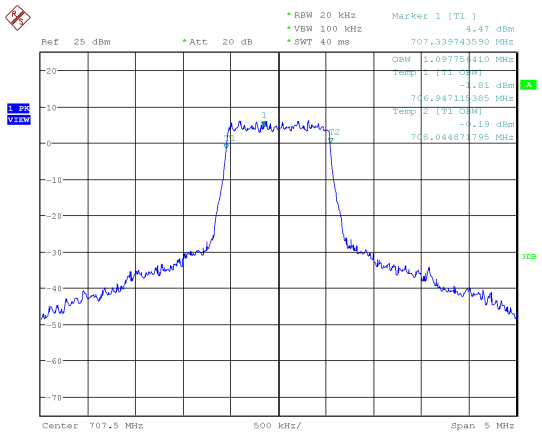
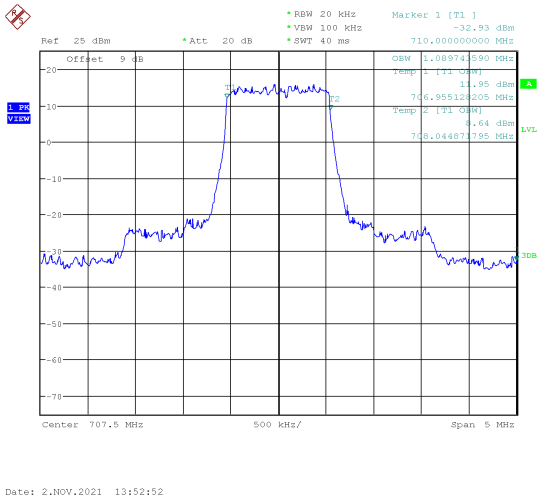
LTE band 7, 20MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
2535.0	QPSK	16QAM	64QAM
	17.981	17.981	17.981

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

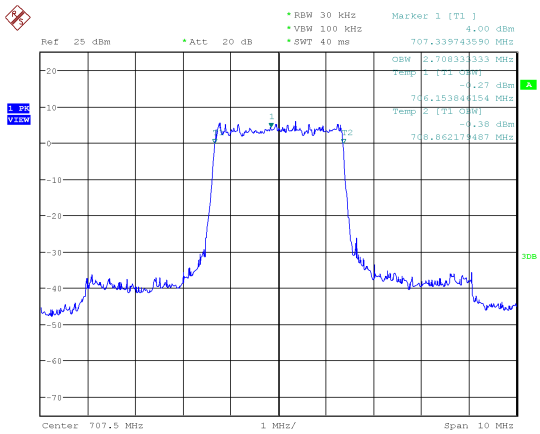
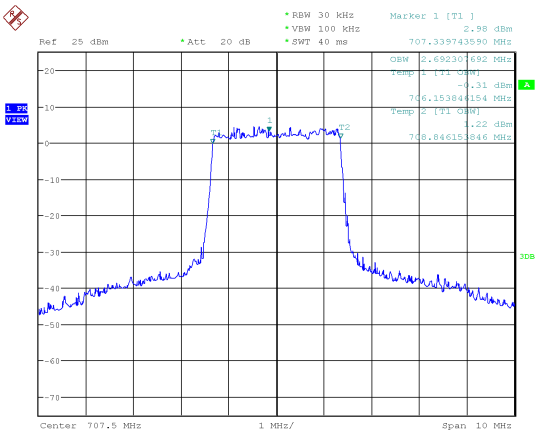
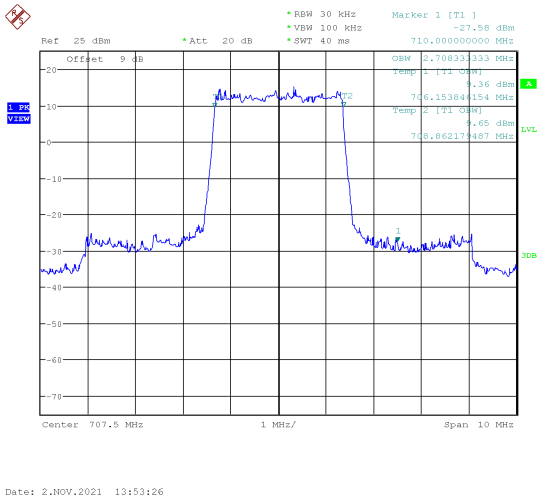
LTE band 12,1.4MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
707.5	QPSK	16QAM	64QAM
	1.09	1.098	1.09

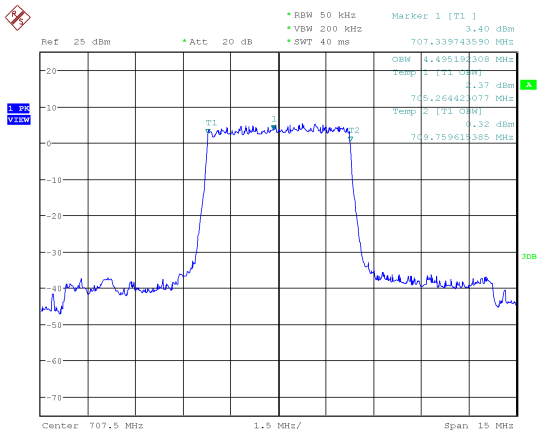
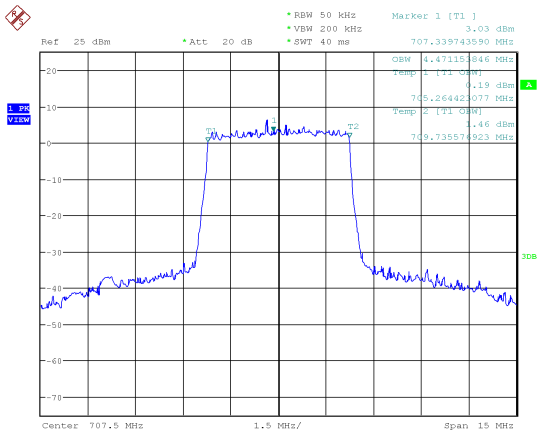
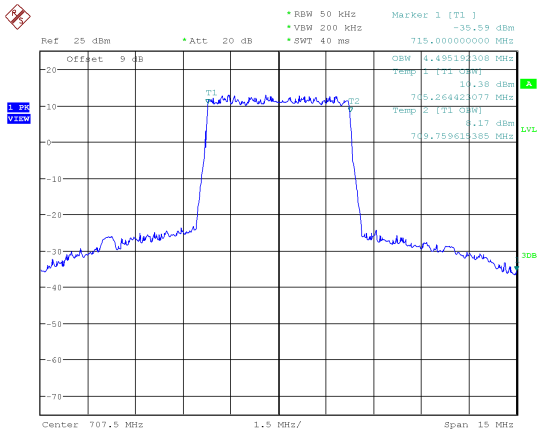
QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

LTE band 12, 3MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
707.5	QPSK	16QAM	64QAM
	2.708	2.692	2.708

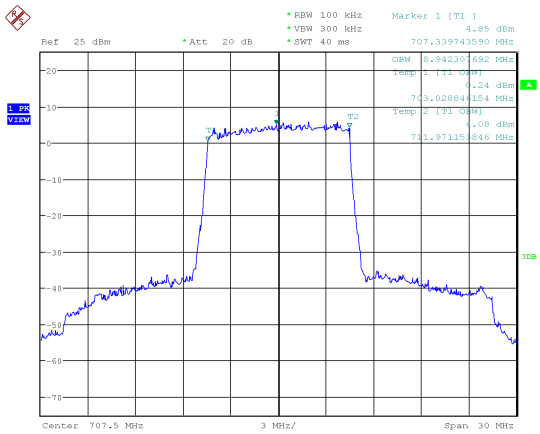
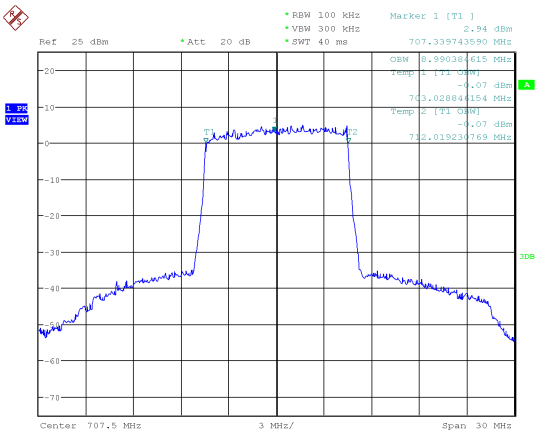
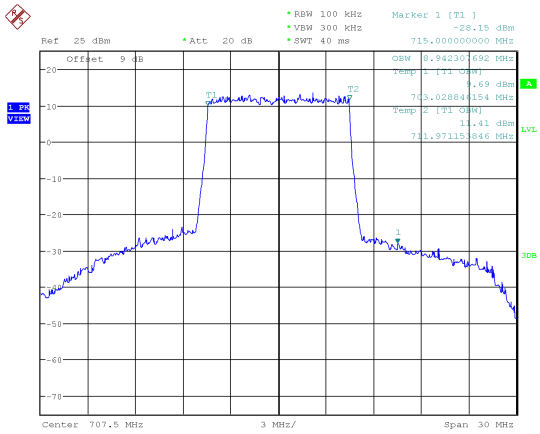
QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

LTE band 12, 5MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
707.5	QPSK	16QAM	64QAM
	4.495	4.471	4.495
QPSK(99% BW)	16QAM(99% BW)		
			
64QAM(99% BW)	/		
	/		

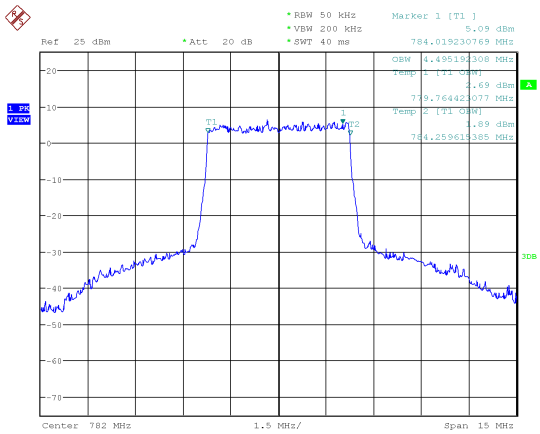
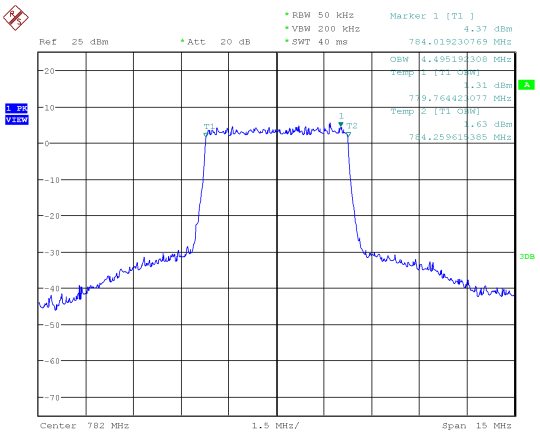
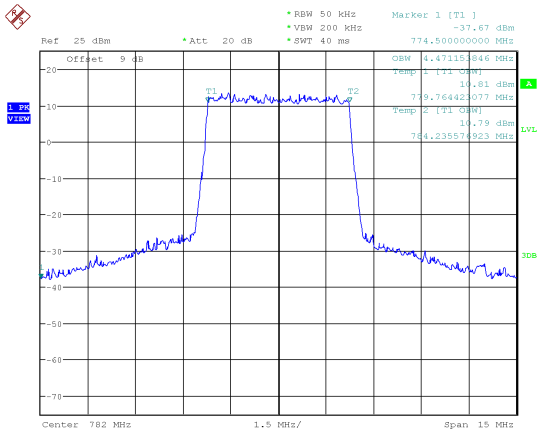
LTE band 12, 10MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
707.5	QPSK	16QAM	64QAM
	8.942	8.99	8.942

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

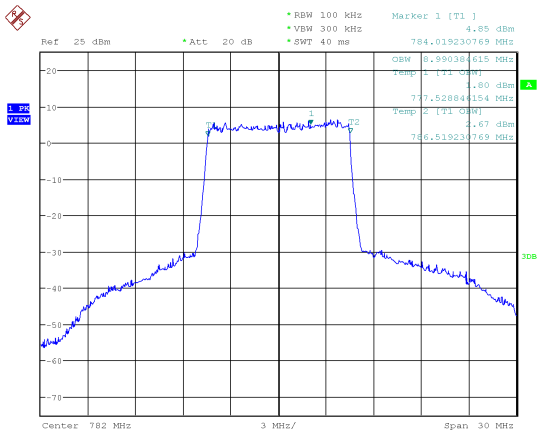
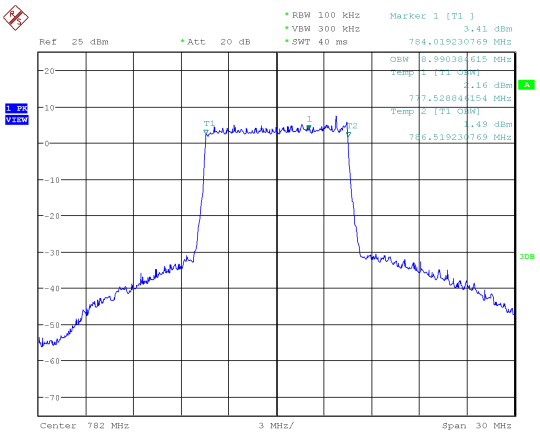
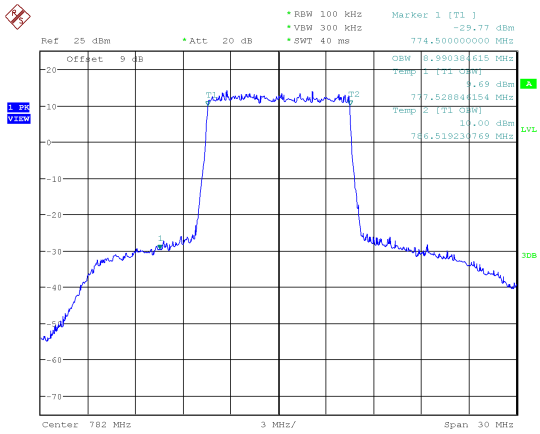
LTE band 13, 5MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
782.0	QPSK	16QAM	64QAM
	4.495	4.495	4.471

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

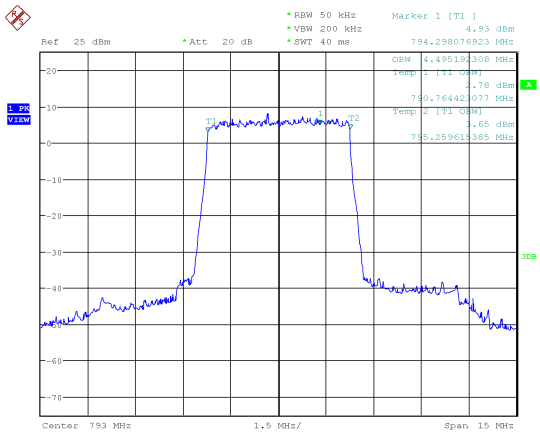
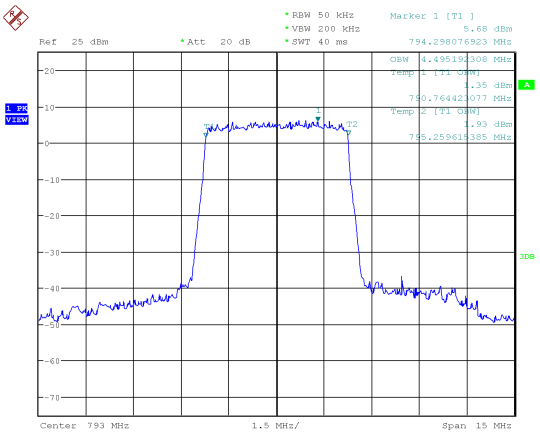
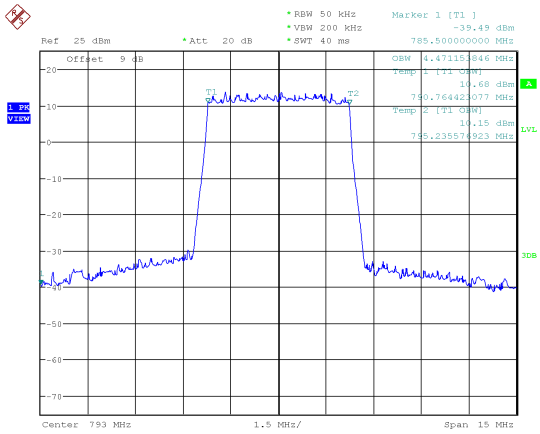
LTE band 13, 10MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
707.5	QPSK	16QAM	64QAM
	8.99	8.99	8.99

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

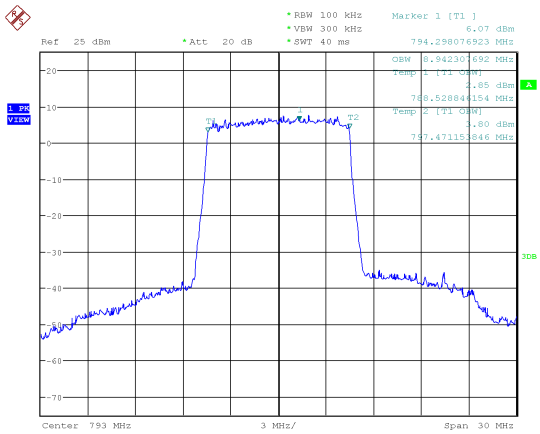
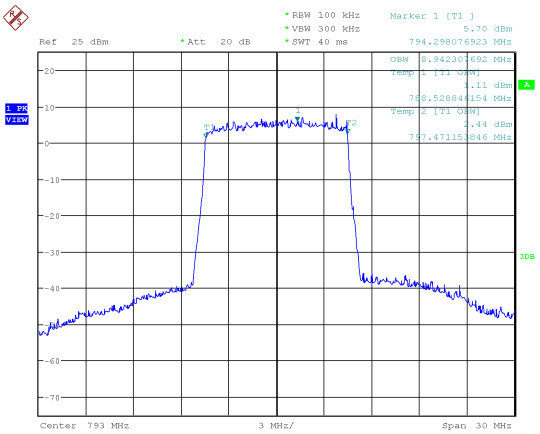
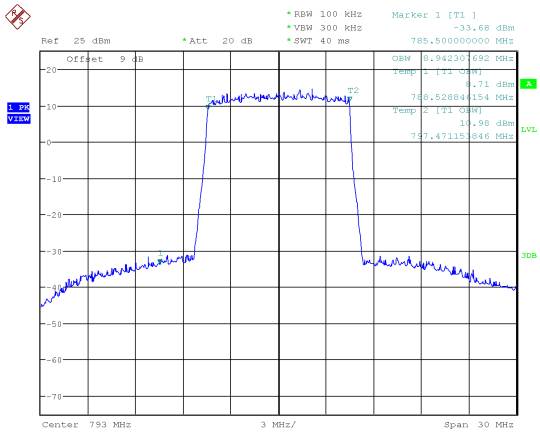
LTE band 14, 5MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
793.0	QPSK	16QAM	64QAM
	4.495	4.495	4.471

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

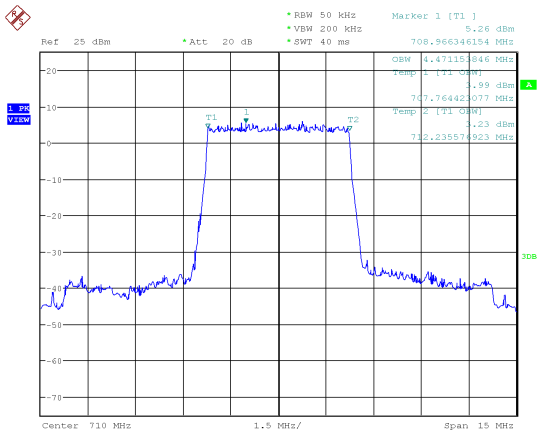
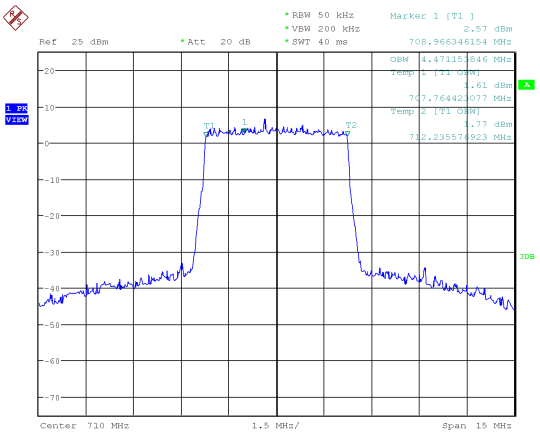
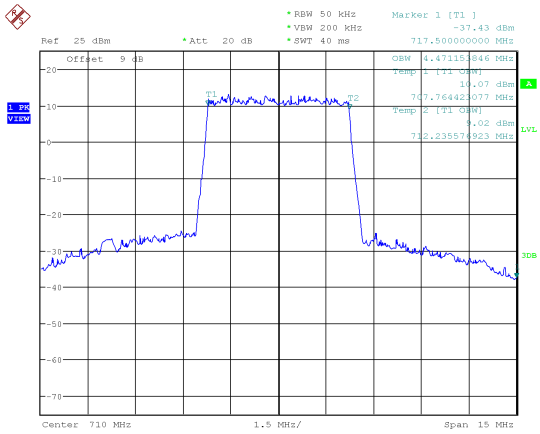
LTE band 14, 10MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
793.0	QPSK	16QAM	64QAM
	8.942	8.942	8.942

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

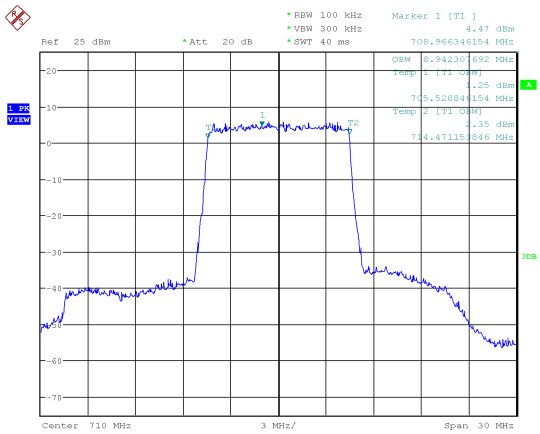
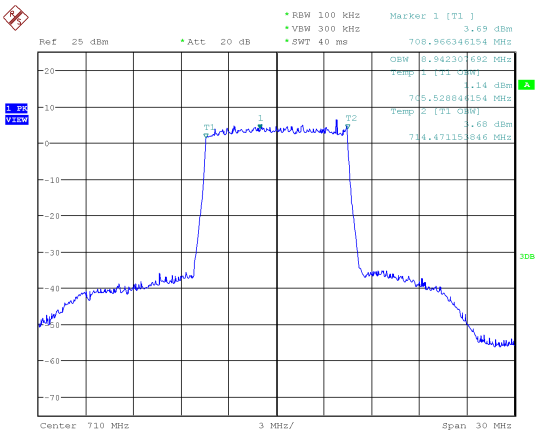
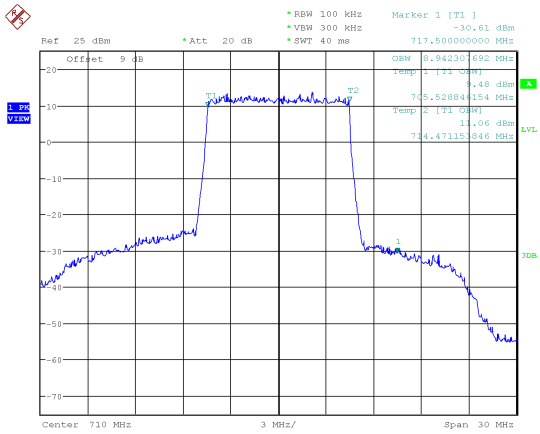
LTE band 17, 5MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
710.0	QPSK	16QAM	64QAM
	4.471	4.471	4.471

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	/
	/

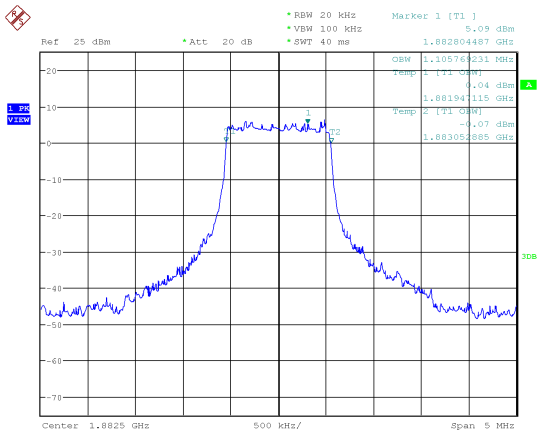
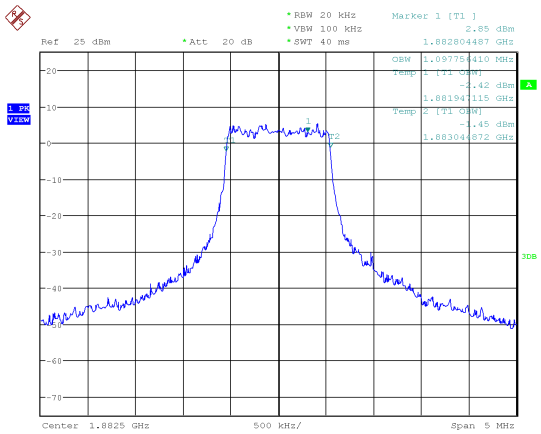
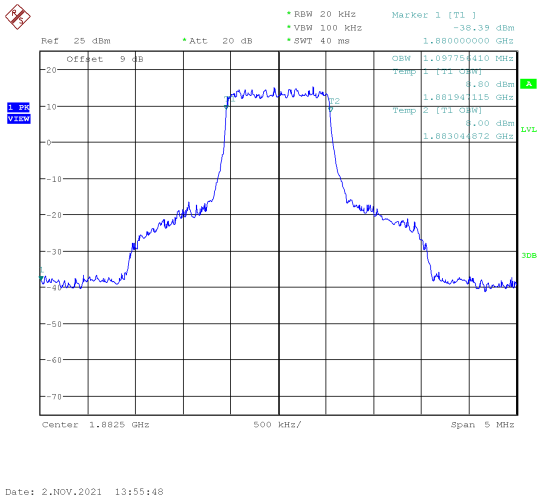
LTE band 17, 10MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
710.0	QPSK	16QAM	64QAM
	8.942	8.942	8.942

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

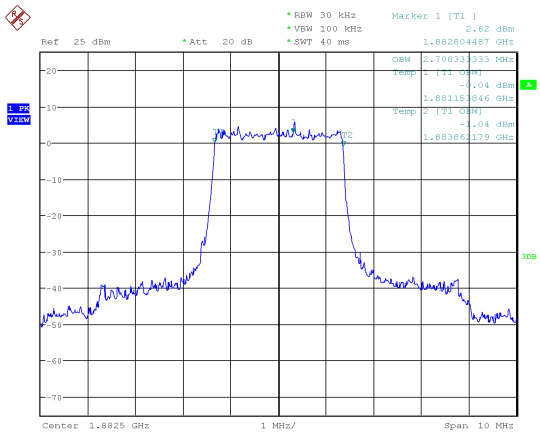
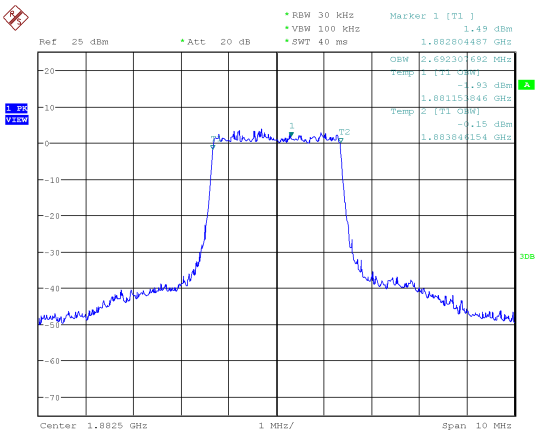
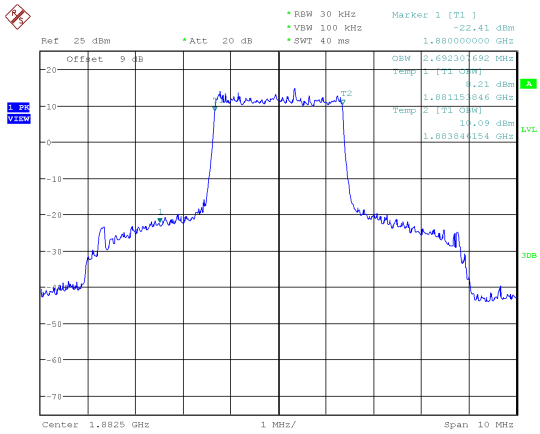
LTE band 25, 1.4MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
1882.5	QPSK	16QAM	64QAM
	1.106	1.098	1.09

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

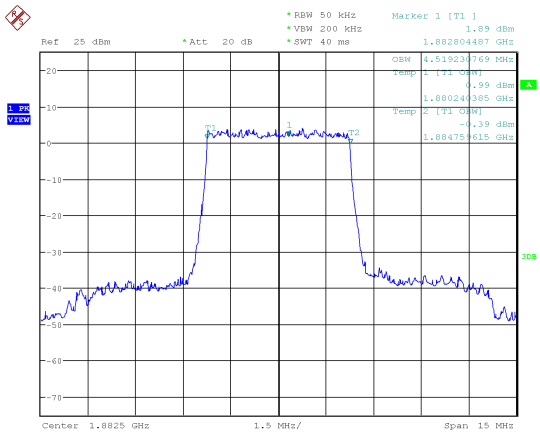
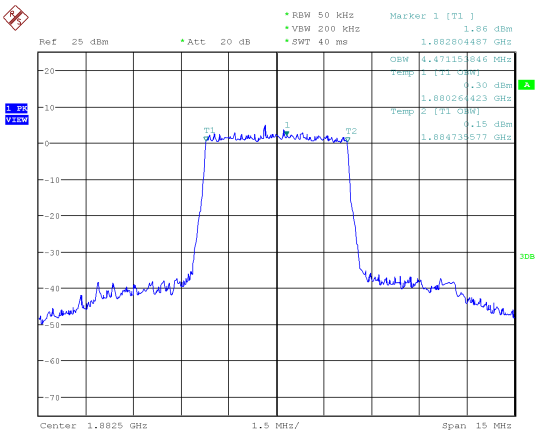
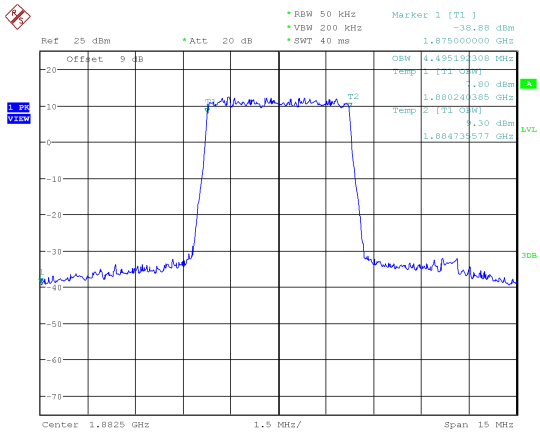
LTE band 25, 3MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
1882.5	QPSK	16QAM	64QAM
	2.708	2.692	2.692

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

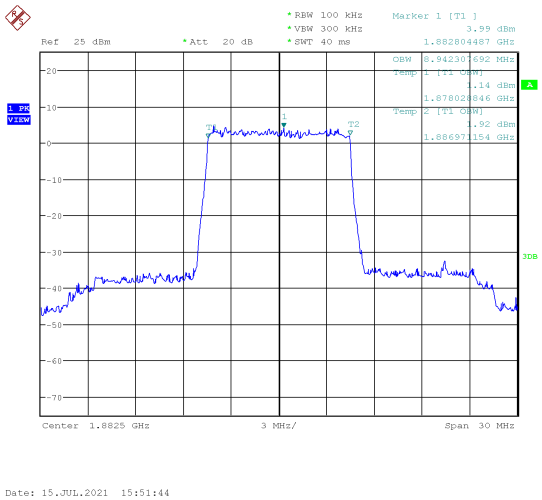
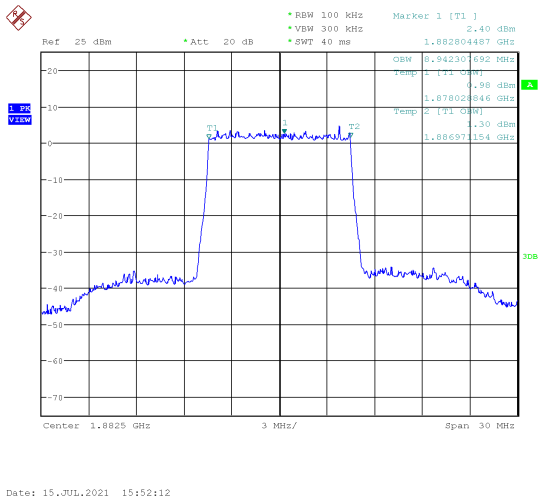
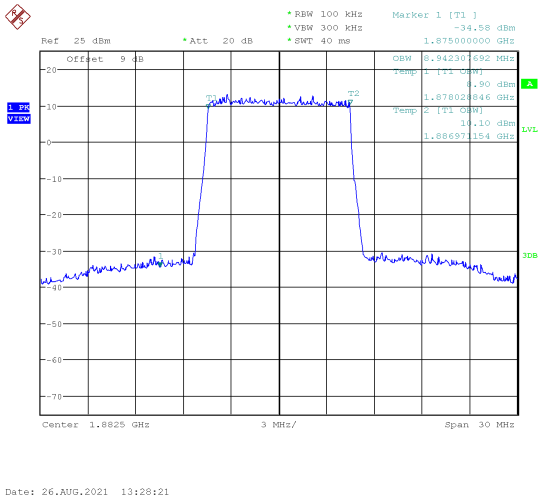
LTE band 25, 5MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
1882.5	QPSK	16QAM	64QAM
	4.519	4.471	4.495

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

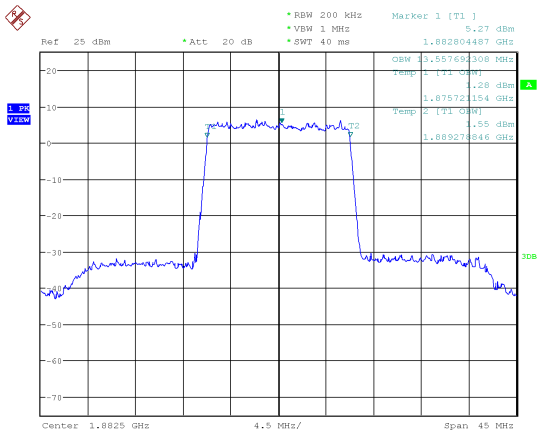
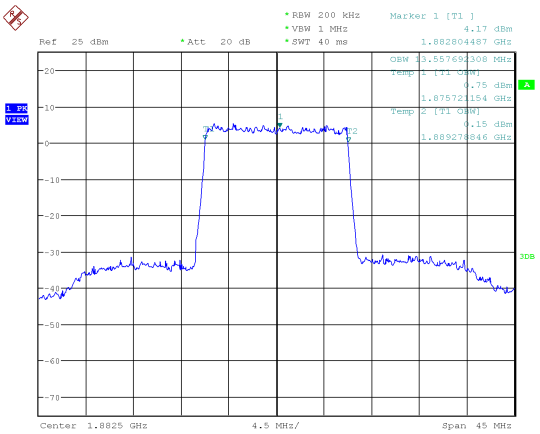
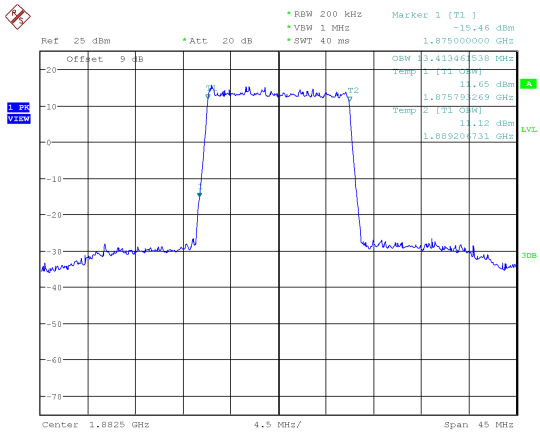
LTE band 25, 10MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
1882.5	QPSK	16QAM	64QAM
	8.942	8.942	8.942

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	/
	/

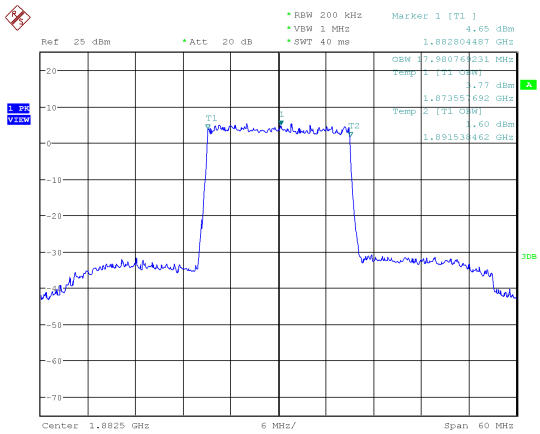
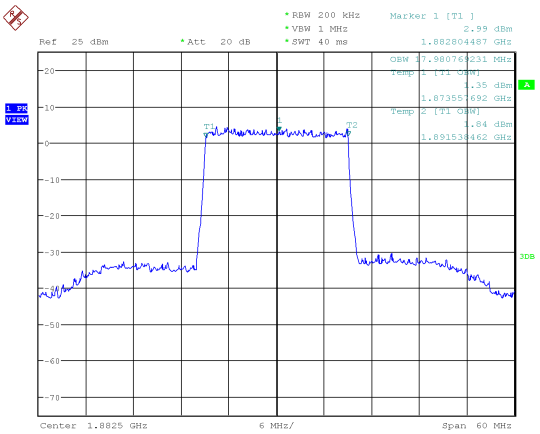
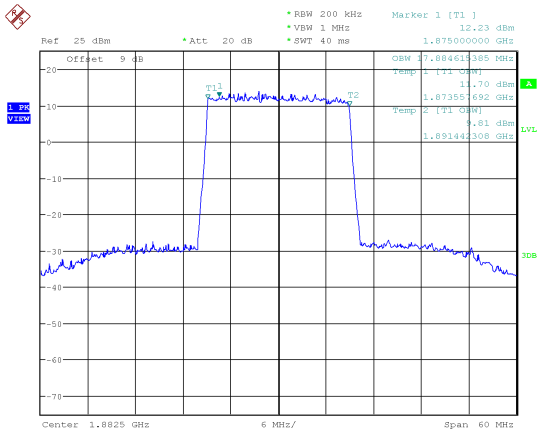
LTE band 25, 15MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
1882.5	QPSK	16QAM	64QAM
	13.558	13.558	13.413

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

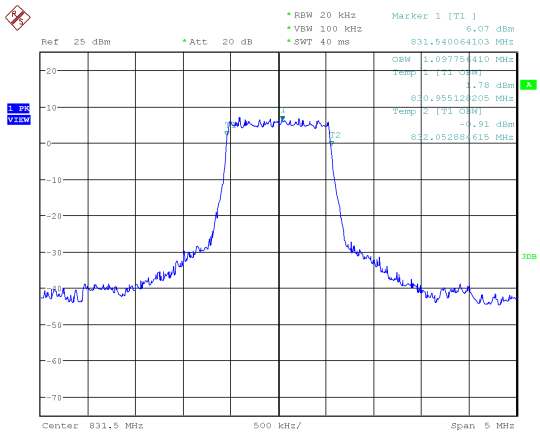
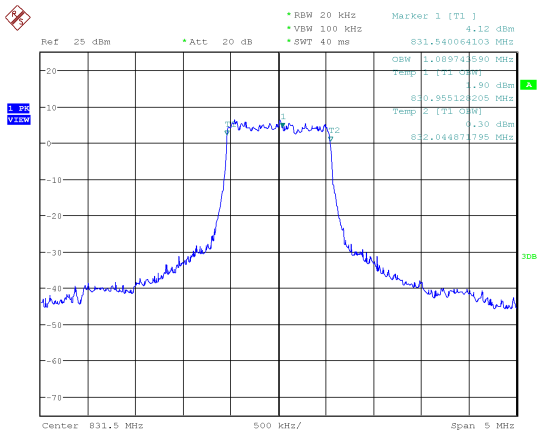
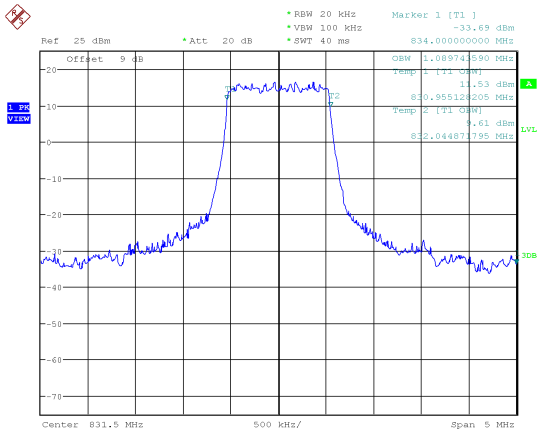
LTE band 25, 20MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
1882.5	QPSK	16QAM	64QAM
	17.981	17.981	17.885

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

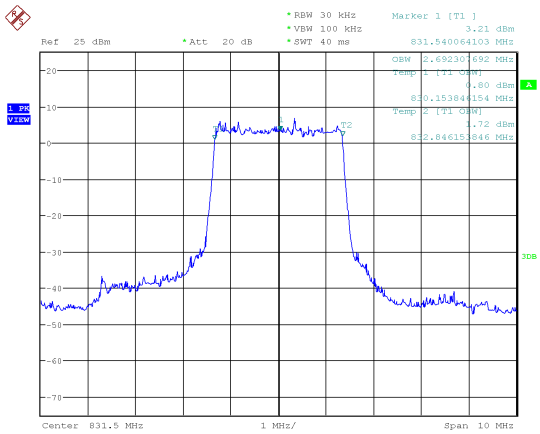
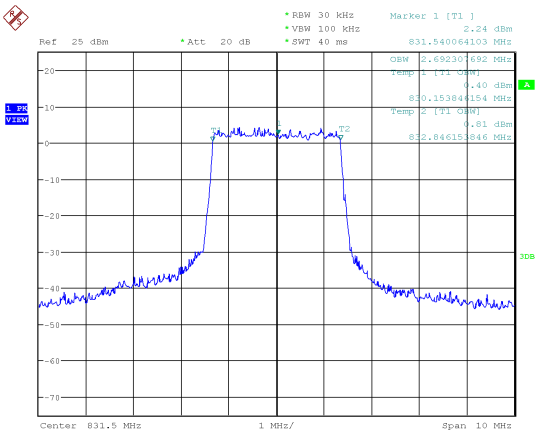
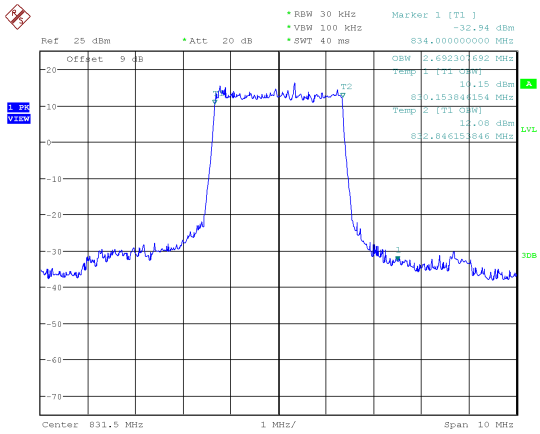
LTE band 26(Part22), 1.4MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
831.5	QPSK	16QAM	64QAM
	1.098	1.09	1.09

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	/
	/

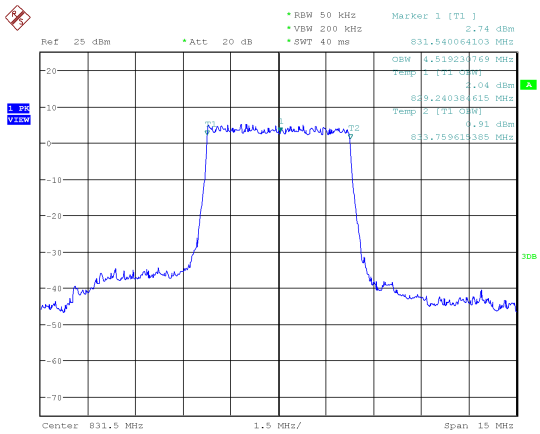
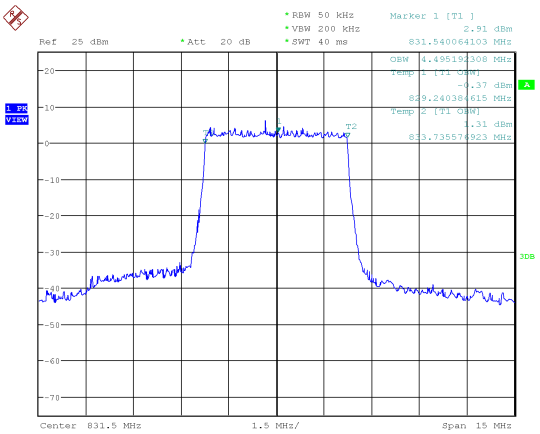
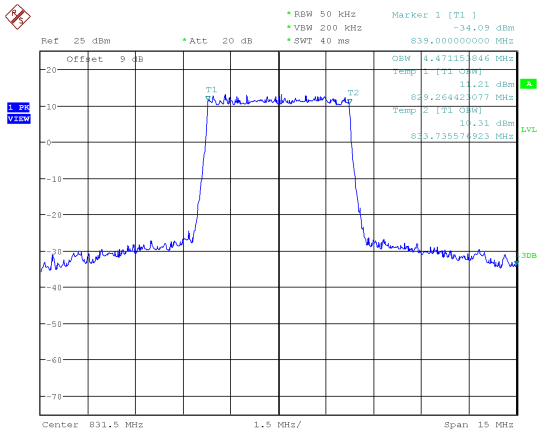
LTE band 26(Part22), 3MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
831.5	QPSK	16QAM	64QAM
	2.692	2.692	2.692

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

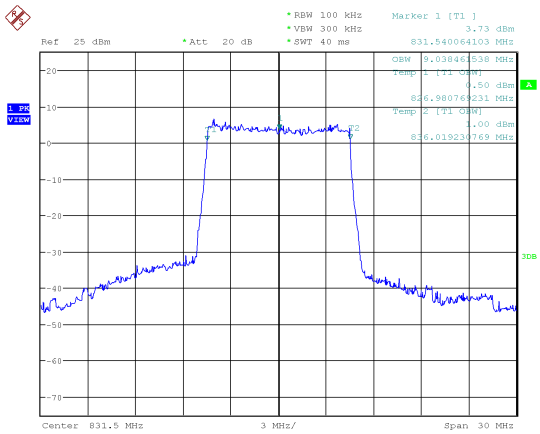
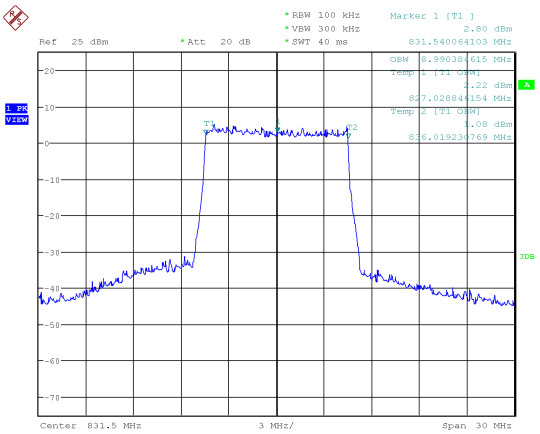
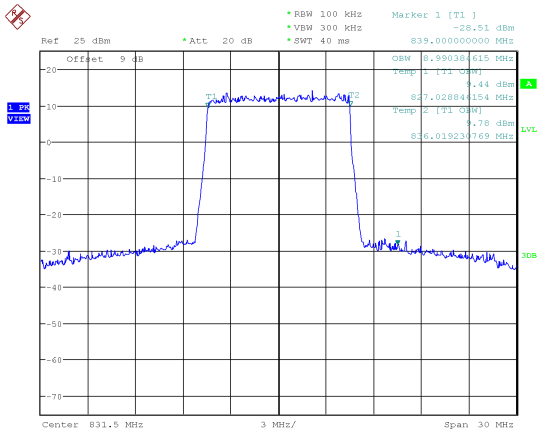
LTE band 26(Part22), 5MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
831.5	QPSK	16QAM	64QAM
	4.519	4.495	4.471

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

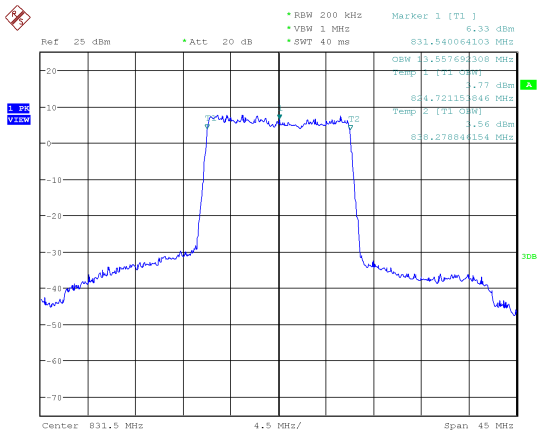
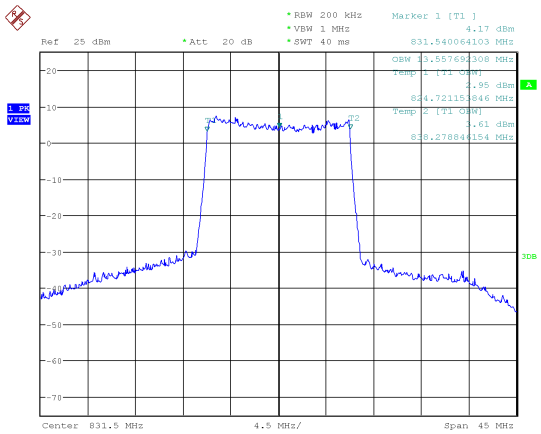
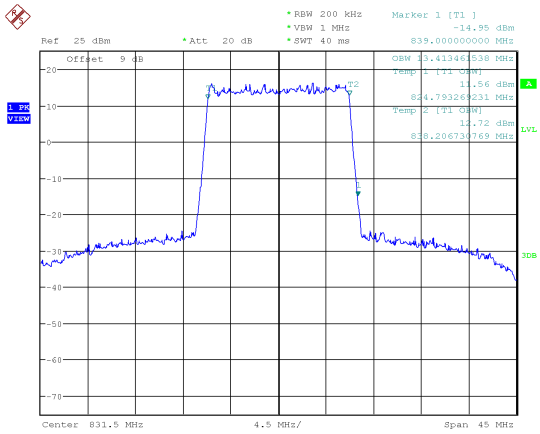
LTE band 26(Part22), 10MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
831.5	QPSK	16QAM	64QAM
	9.038	8.99	8.99

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

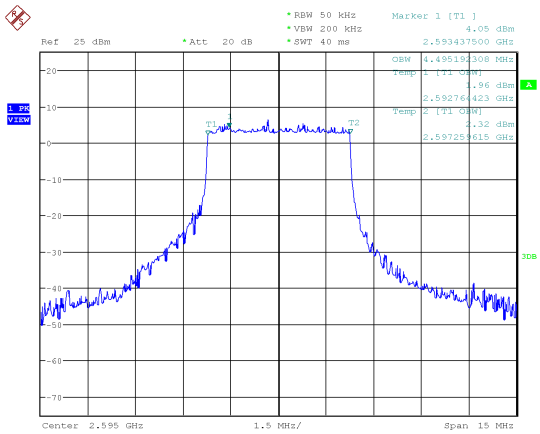
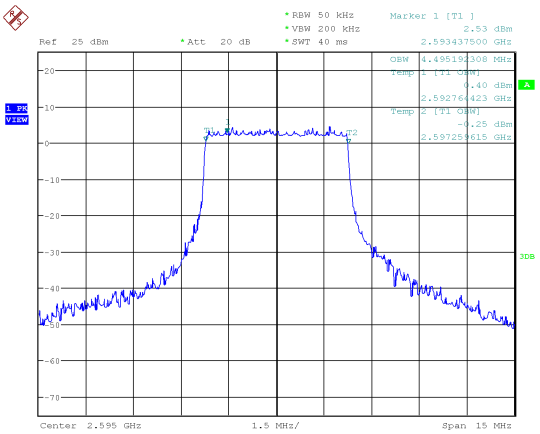
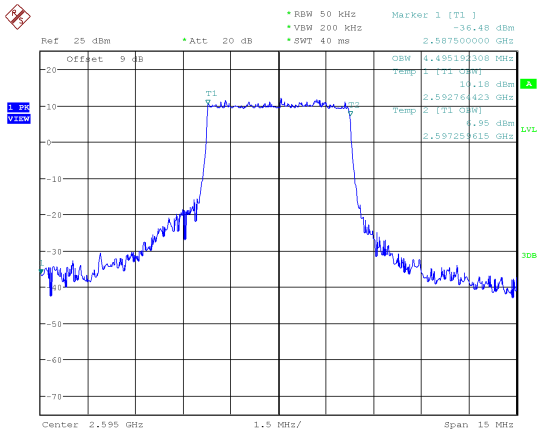
LTE band 26(Part22), 15MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
831.5	QPSK	16QAM	64QAM
	13.558	13.558	13.413

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

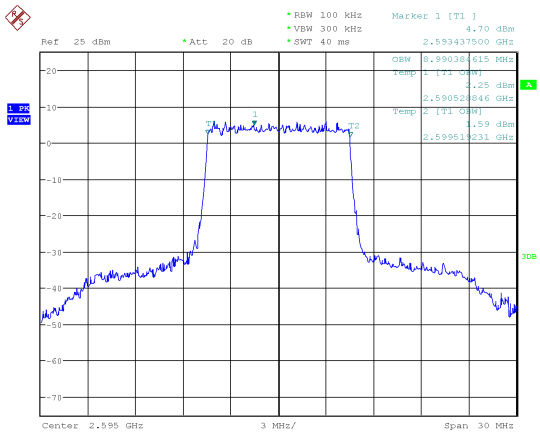
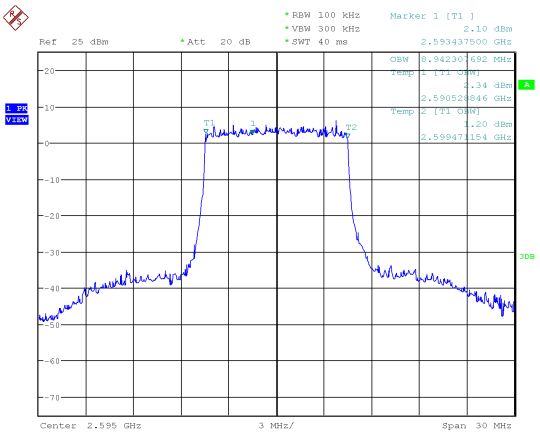
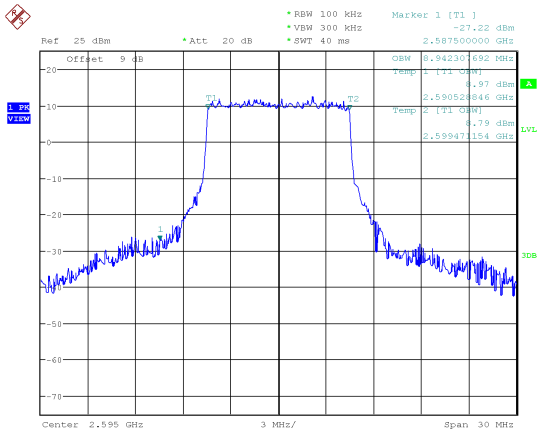
LTE band 38, 5MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
2595.0	QPSK	16QAM	64QAM
	4.495	4.495	4.495

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

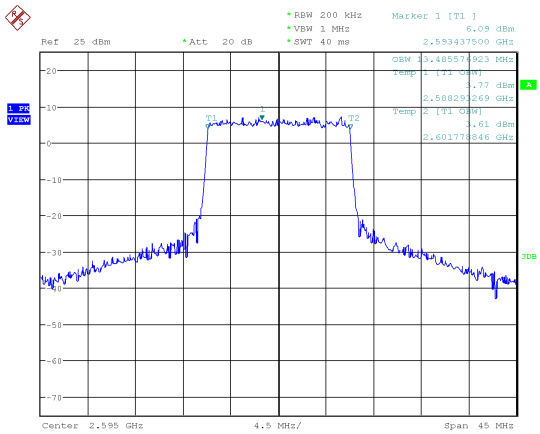
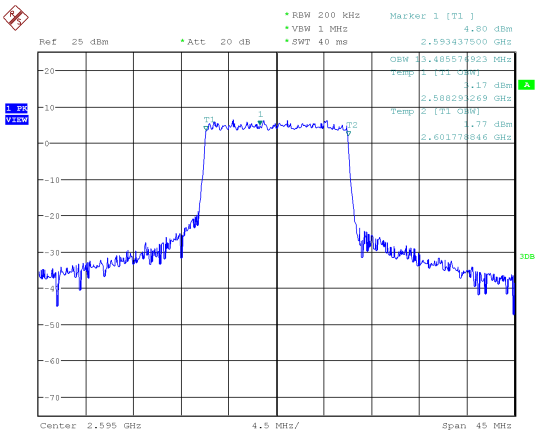
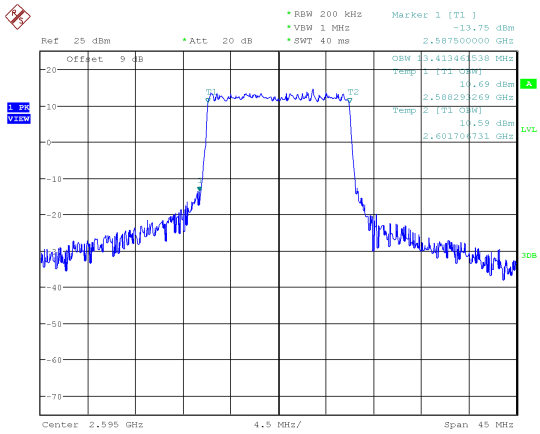
LTE band 38, 10MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
2595.0	QPSK	16QAM	64QAM
	8.99	8.942	8.942

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

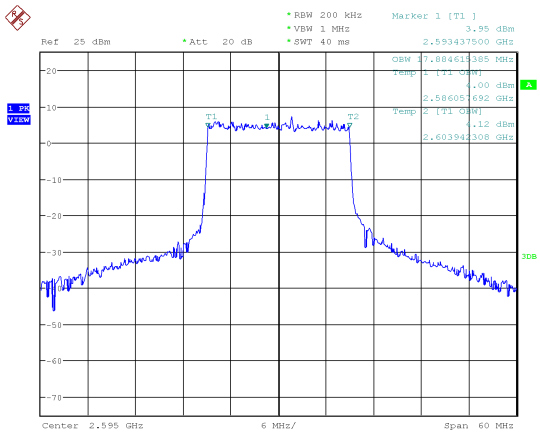
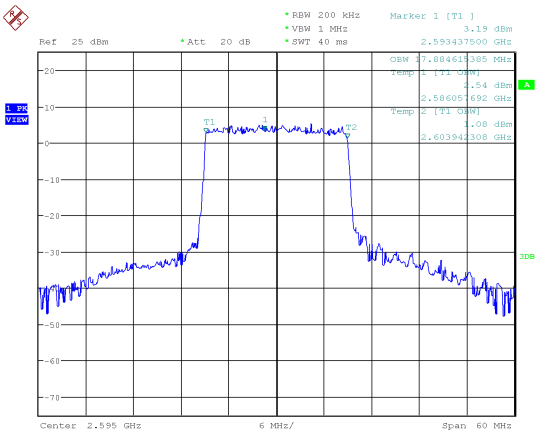
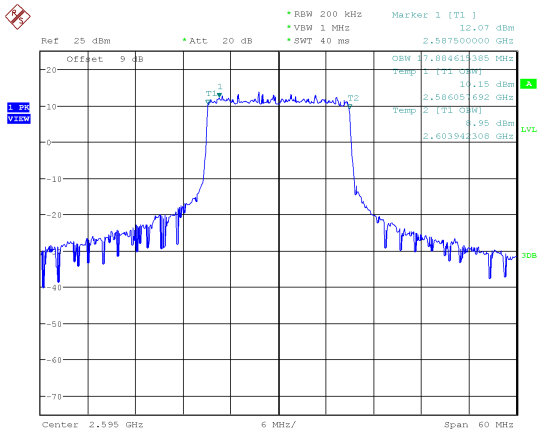
LTE band 38, 15MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
2595.0	QPSK	16QAM	64QAM
	13.486	13.486	13.413

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

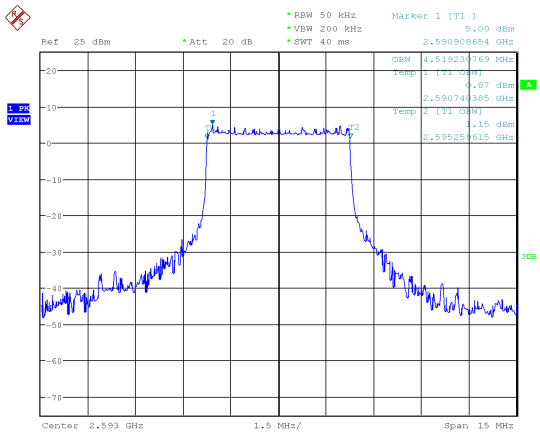
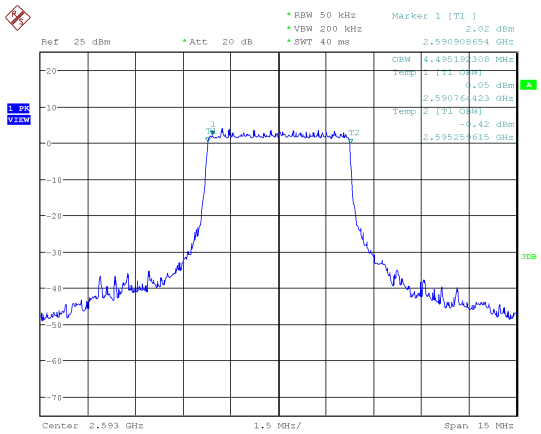
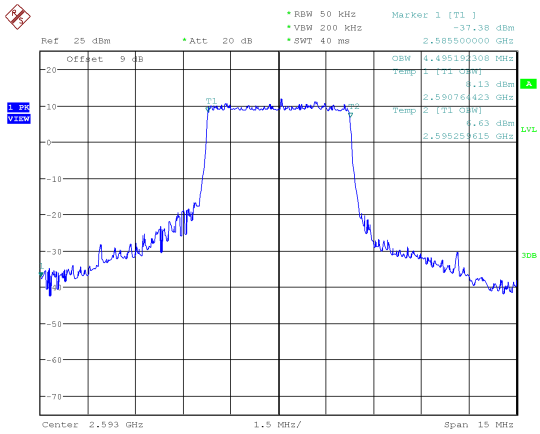
LTE band 38, 20MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
2595.0	QPSK	16QAM	64QAM
	17.885	17.885	17.885

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	/
	/

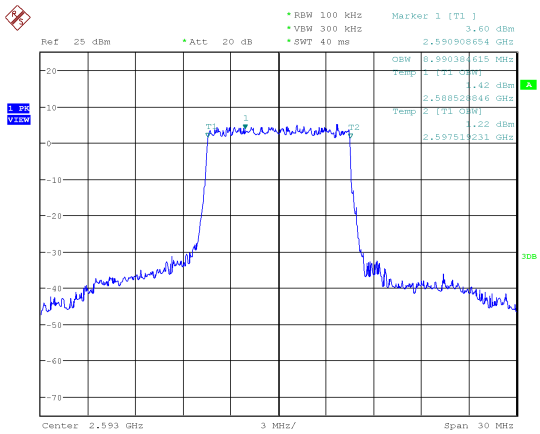
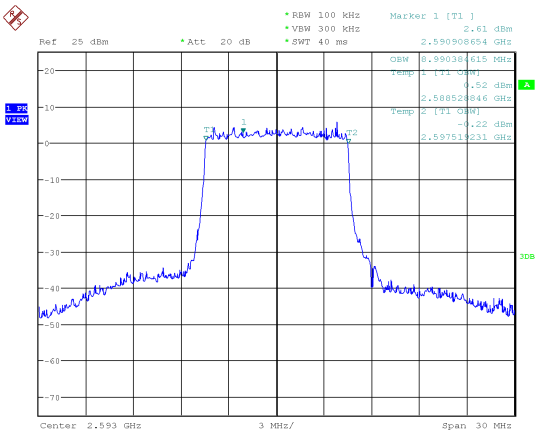
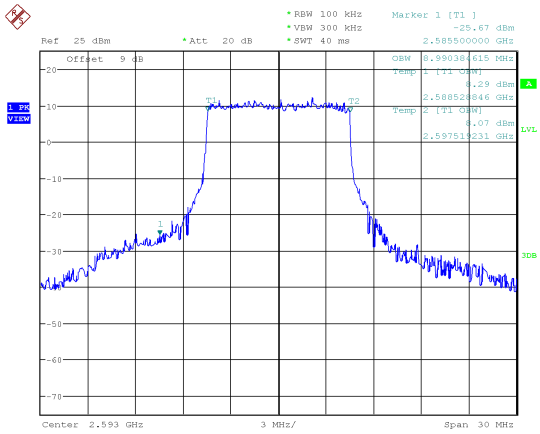
LTE band 41, 5MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
2593.0	QPSK	16QAM	64QAM
	4.519	4.495	4.495

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

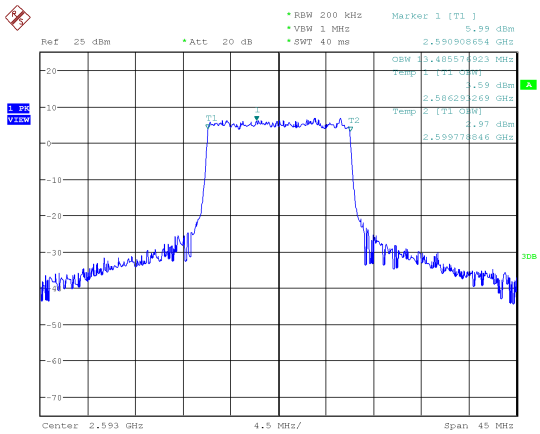
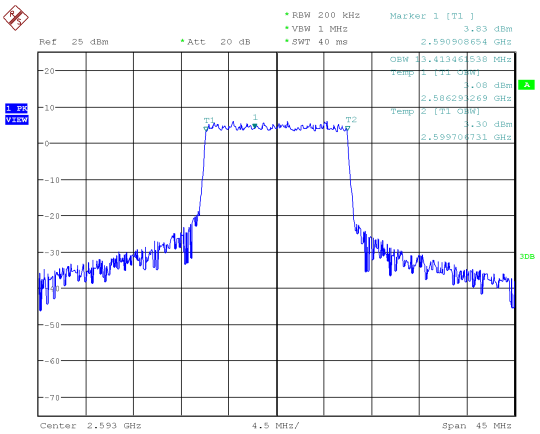
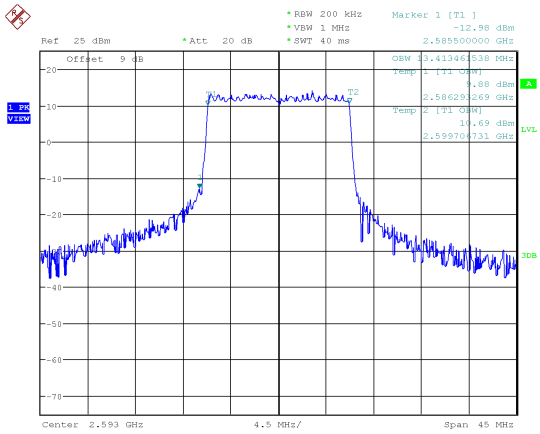
LTE band 41, 10MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
2593.0	QPSK	16QAM	64QAM
	8.99	8.99	8.99

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

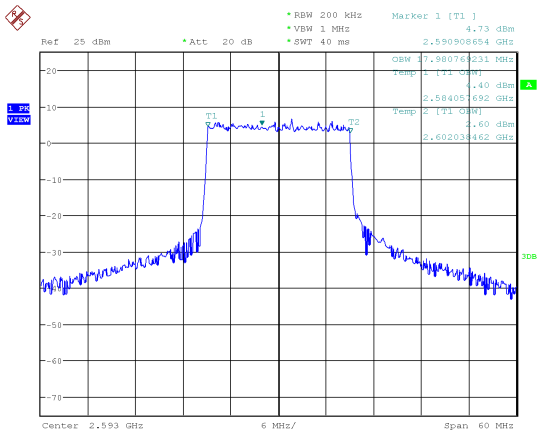
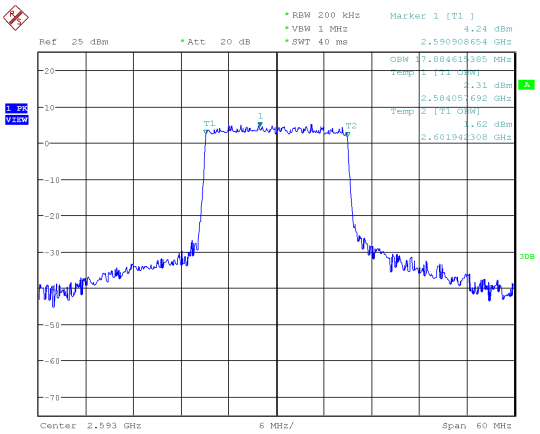
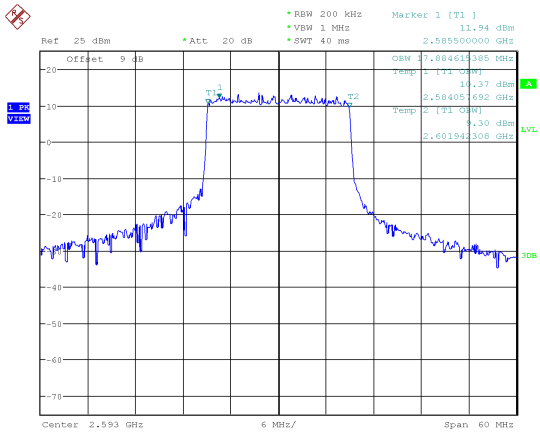
LTE band 41, 15MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
2593.0	QPSK	16QAM	64QAM
	13.486	13.413	13.413

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

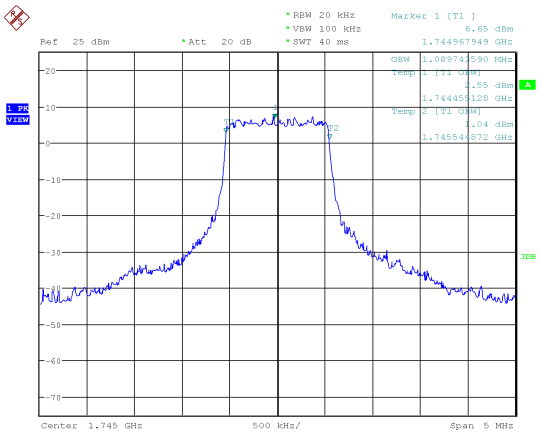
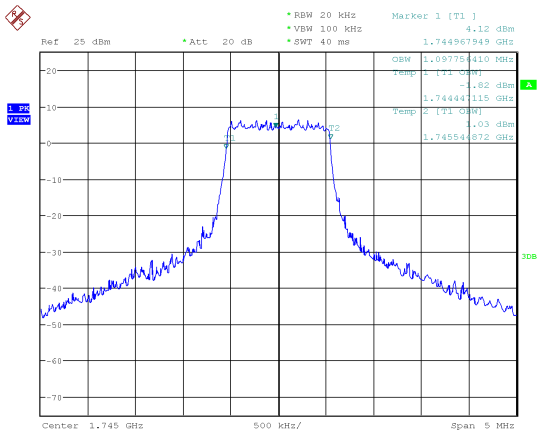
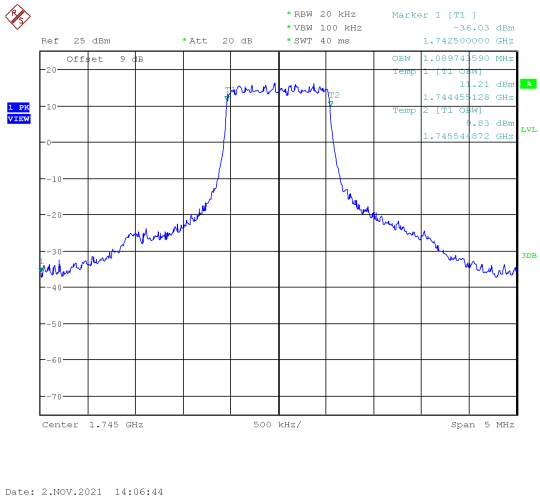
LTE band 41, 20MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
2593.0	QPSK	16QAM	64QAM
	17.981	17.885	17.885

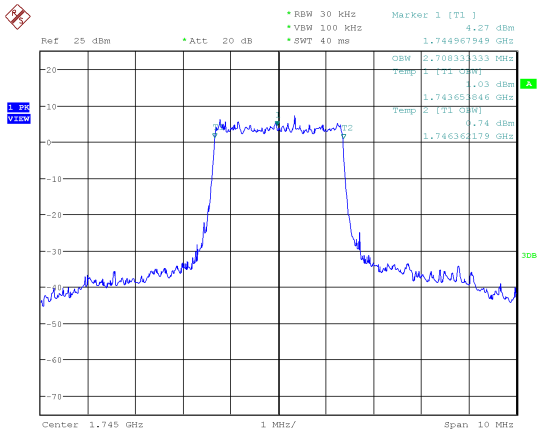
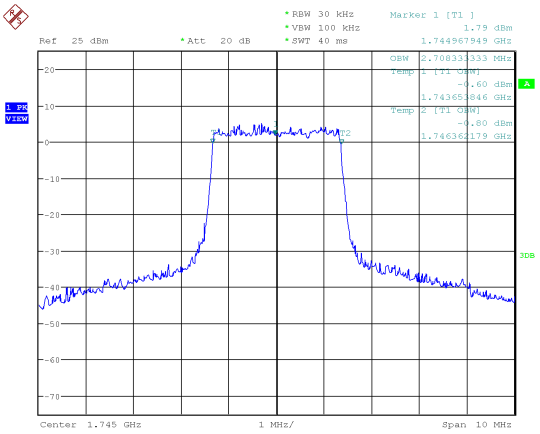
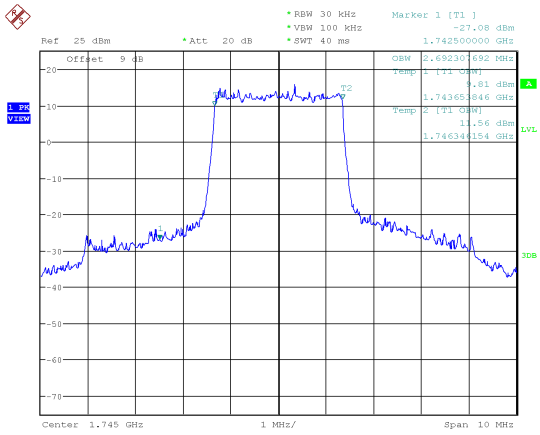
QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

LTE band 66, 1.4MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
1745.0	QPSK	16QAM	64QAM
	1.09	1.098	1.09

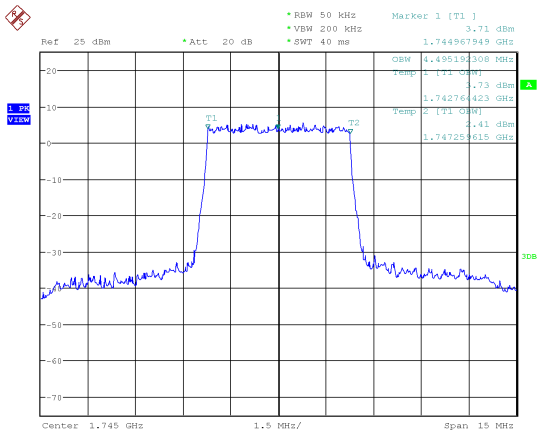
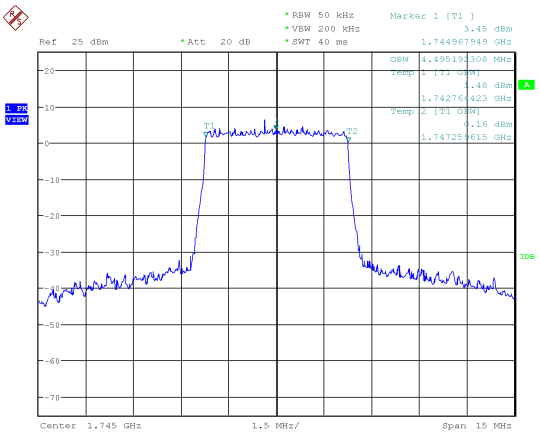
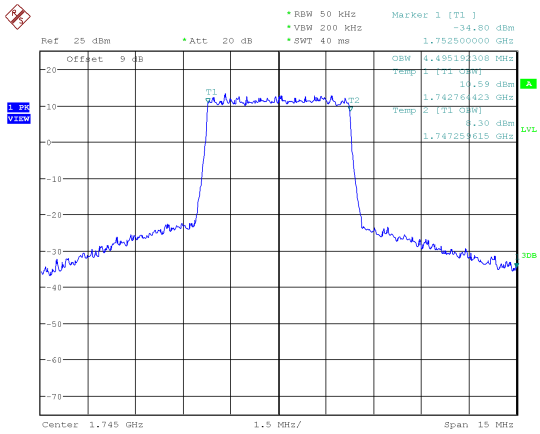
QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

LTE band 66, 3MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
1745.0	QPSK	16QAM	64QAM
	2.708	2.708	2.692
QPSK(99% BW)	16QAM(99% BW)		
			
64QAM(99% BW)	/		
	/		

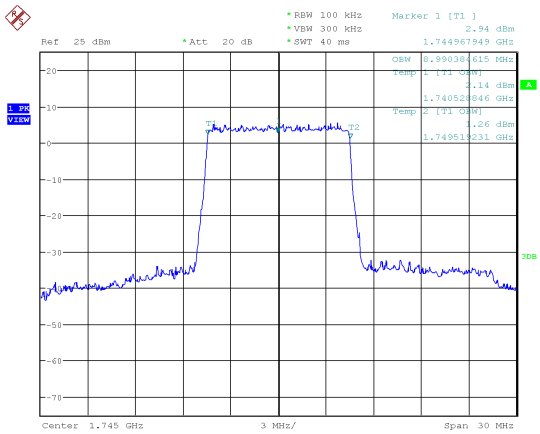
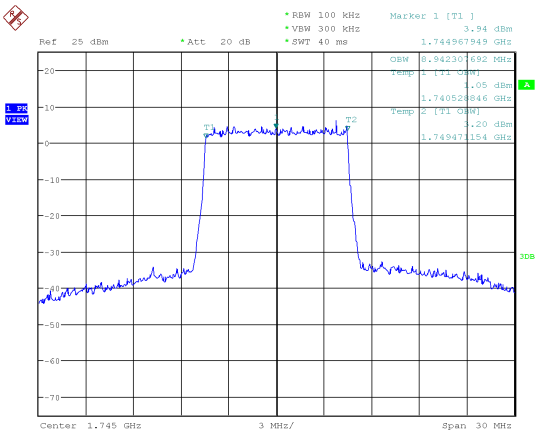
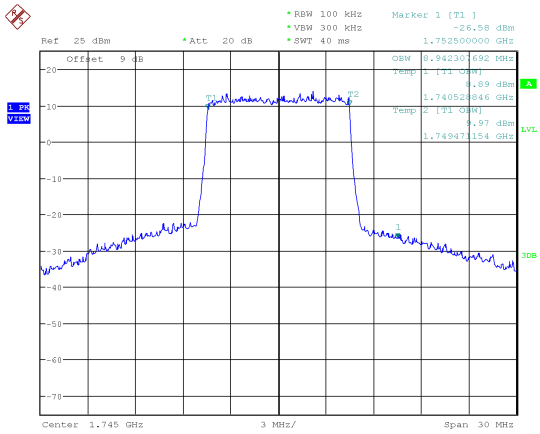
LTE band 66, 5MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
1745.0	QPSK	16QAM	64QAM
	4.495	4.495	4.495

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

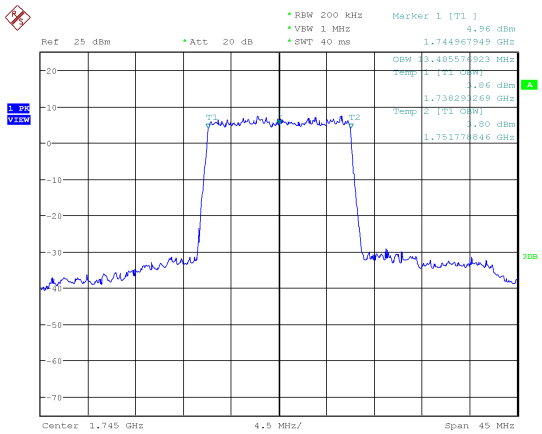
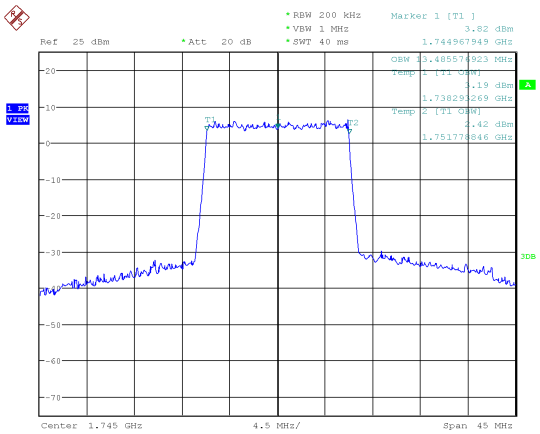
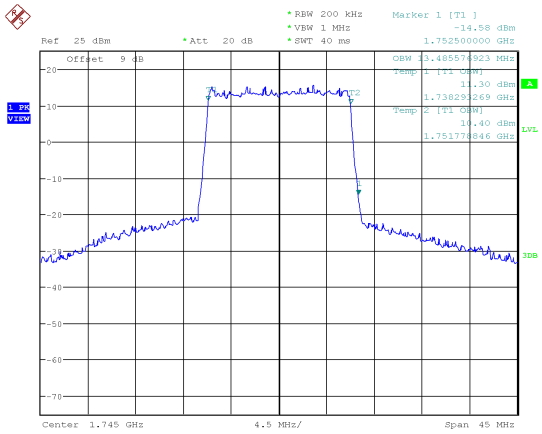
LTE band 66, 10MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
1745.0	QPSK	16QAM	64QAM
	8.99	8.942	8.942

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

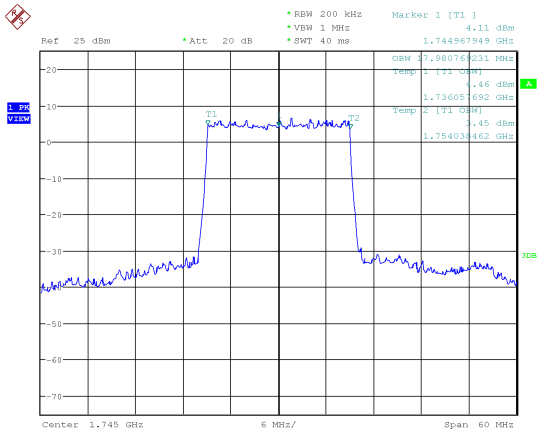
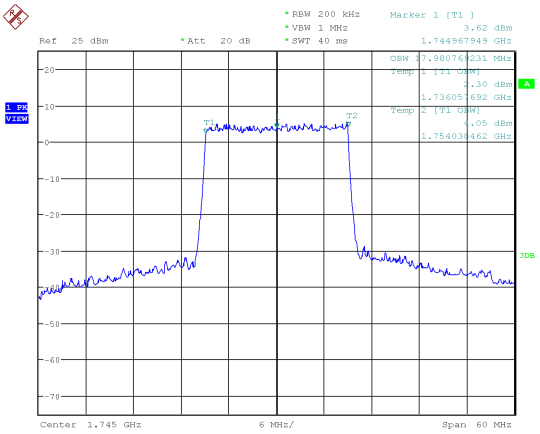
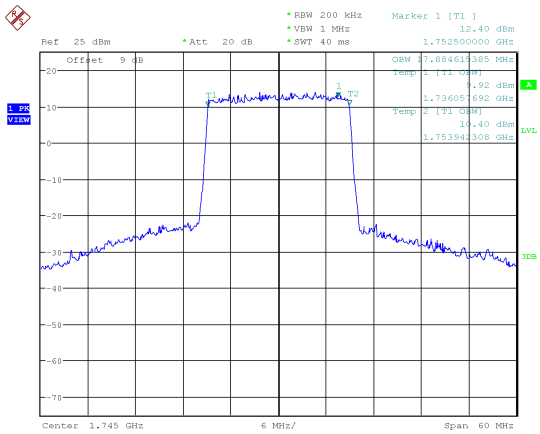
LTE band 66, 15MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
1745.0	QPSK	16QAM	64QAM
	13.486	13.486	13.486

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

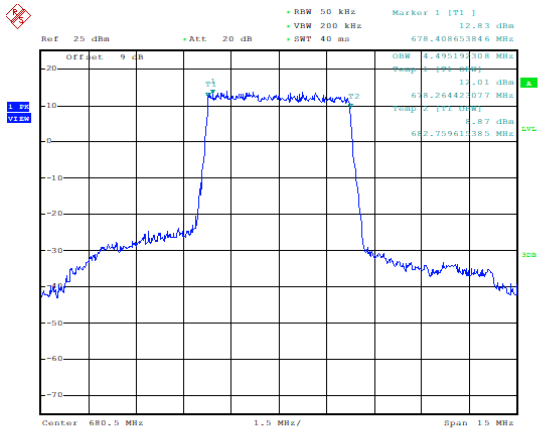
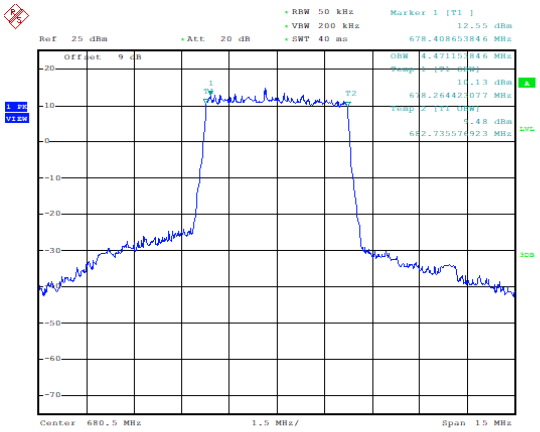
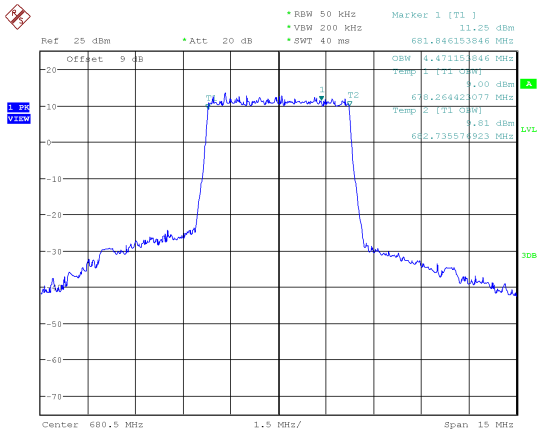
LTE band 66, 20MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
1745.0	QPSK	16QAM	64QAM
	17.981	17.981	17.885

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

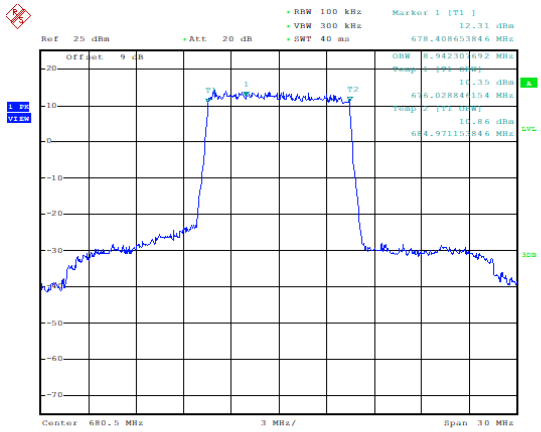
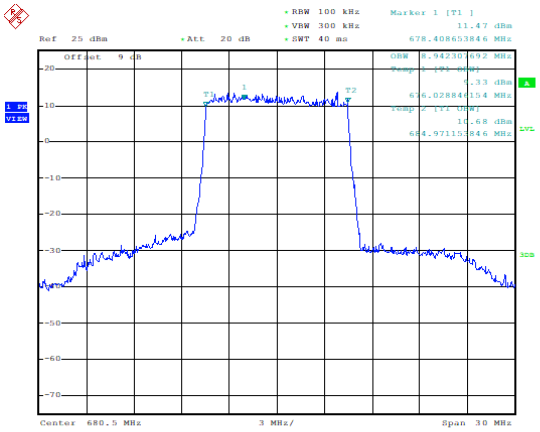
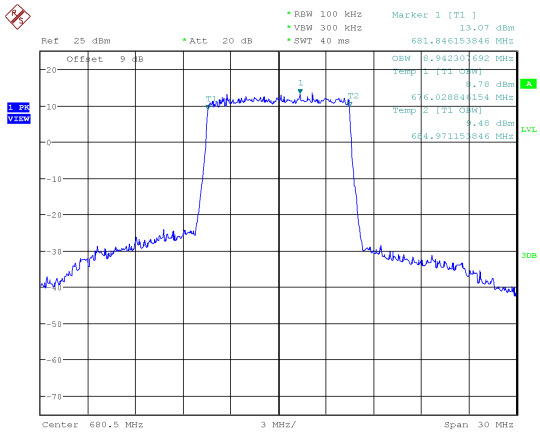
LTE band 71, 5MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
680.5	QPSK	16QAM	64QAM
	4.495	4.471	4.471

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	/
	/

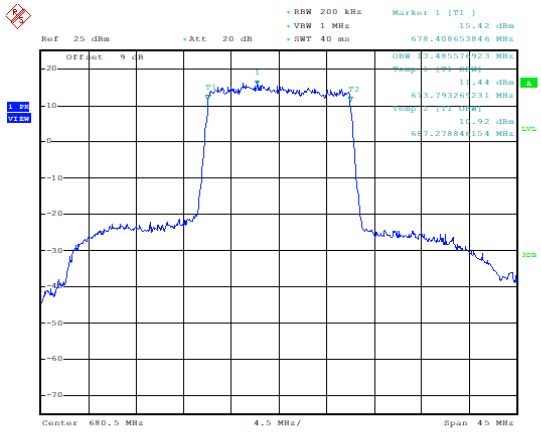
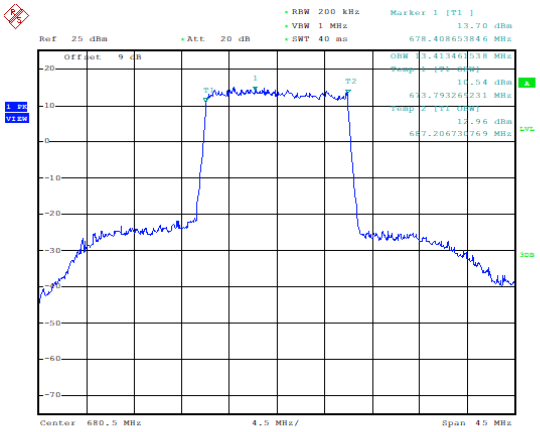
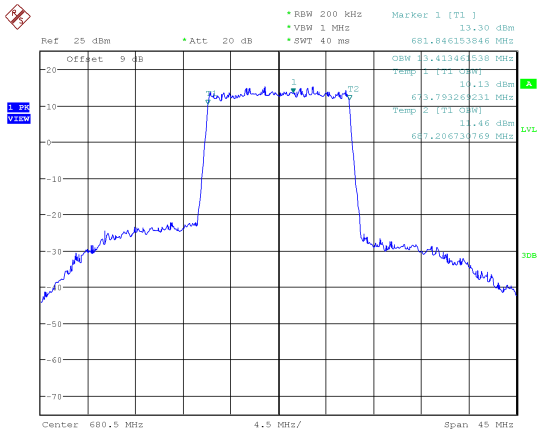
LTE band 71, 10MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
680.5	QPSK	16QAM	64QAM
	8.942	8.942	8.942

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	/
	/

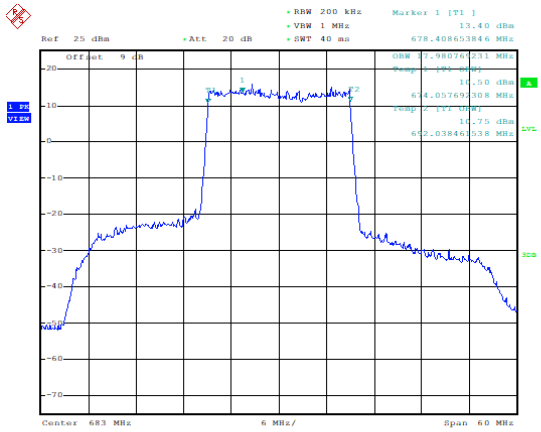
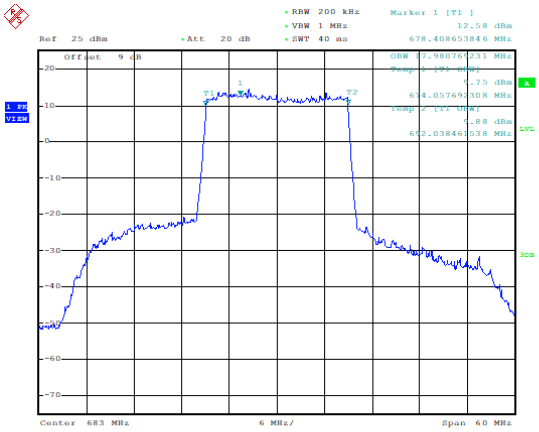
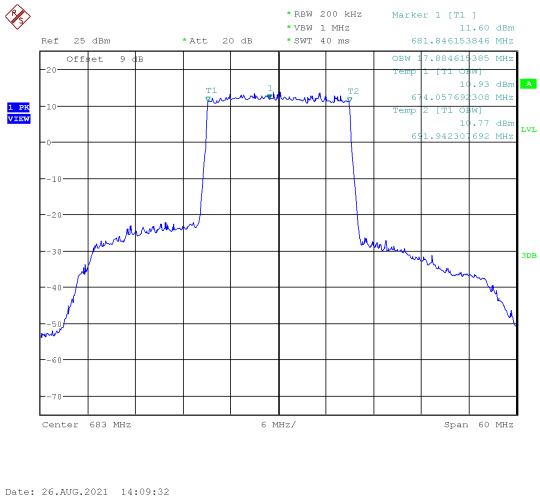
LTE band 71, 15MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
680.5	QPSK	16QAM	64QAM
	13.486	13.413	13.413

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	/
	/

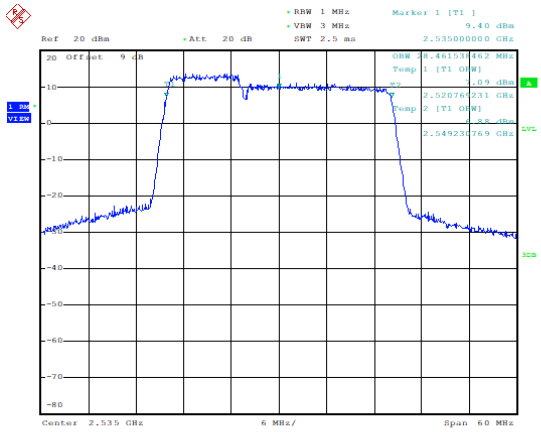
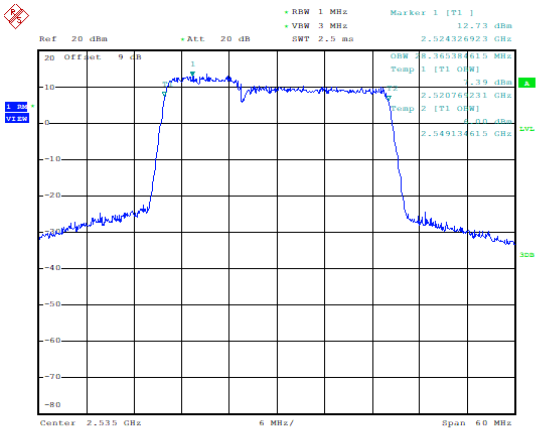
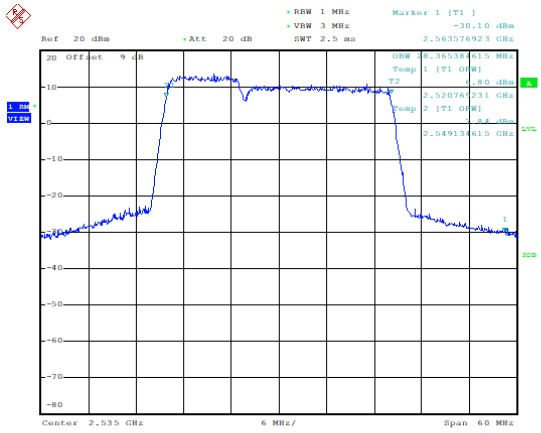
LTE band 71, 20MHz (99%)

Frequency(MHz)	Occupied Bandwidth (99%)(MHz)		
680.5	QPSK	16QAM	64QAM
	17.981	17.981	17.885

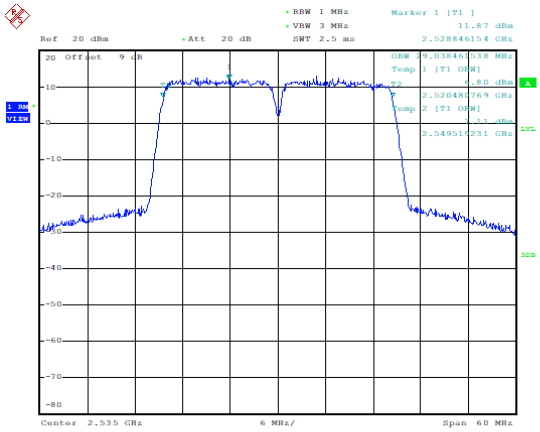
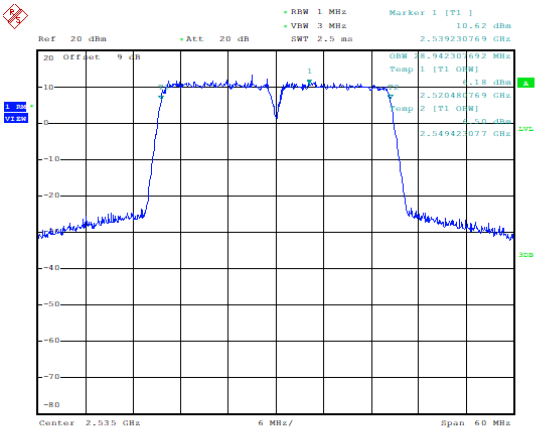
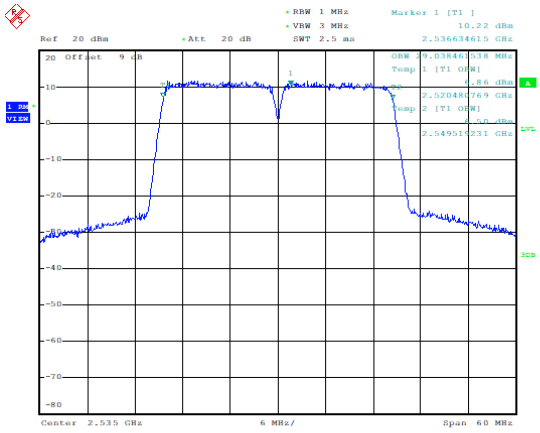
QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	**/**
	**/**

LTE CA-7C, 10MHz+20MHz (99%)

RB Allocations(PCC)/ RB Allocations(SCC)	Occupied Bandwidth (99%)(MHz)		
50@0+100@0	QPSK	16QAM	64QAM
	28.46	28.36	28.37

QPSK(99% BW)	16QAM(99% BW)
	
64QAM(99% BW)	/
	/

LTE CA-7C, 15MHz+15MHz (99%)

RB Allocations(PCC)/ RB Allocations(SCC)	Occupied Bandwidth (99%)(MHz)		
75@0+75@0	QPSK	16QAM	64QAM
	29.04	28.94	29.04
QPSK(99% BW)	16QAM(99% BW)		
 Date: 3.JAN.2003 08:09:46	 Date: 3.JAN.2003 08:11:10		
64QAM(99% BW)	/		
 Date: 27.JAN.2003 05:40:55	/		