

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

N25(1850-1915)

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	1852.5	370500	5	12	6	25.75
DFT-s-OFDM PI/2 BPSK	1852.5	370500	5	1	1	26.59
DFT-s-OFDM PI/2 BPSK	1852.5	370500	5	1	23	26.65
DFT-s-OFDM PI/2 BPSK	1852.5	370500	5	25	0	25.74
DFT-s-OFDM QPSK	1852.5	370500	5	12	6	26.66
DFT-s-OFDM QPSK	1852.5	370500	5	1	1	26.58
DFT-s-OFDM QPSK	1852.5	370500	5	1	23	26.64
DFT-s-OFDM QPSK	1852.5	370500	5	25	0	25.70
DFT-s-OFDM 16QAM	1852.5	370500	5	12	6	25.88
DFT-s-OFDM 16QAM	1852.5	370500	5	1	1	25.74
DFT-s-OFDM 16QAM	1852.5	370500	5	1	23	25.81
DFT-s-OFDM 16QAM	1852.5	370500	5	25	0	24.74
DFT-s-OFDM 64QAM	1852.5	370500	5	12	6	24.28
DFT-s-OFDM 64QAM	1852.5	370500	5	1	1	23.99
DFT-s-OFDM 64QAM	1852.5	370500	5	1	23	23.98
DFT-s-OFDM 64QAM	1852.5	370500	5	25	0	24.26
DFT-s-OFDM 256QAM	1852.5	370500	5	12	6	22.12
DFT-s-OFDM 256QAM	1852.5	370500	5	1	1	21.93
DFT-s-OFDM 256QAM	1852.5	370500	5	1	23	21.94
DFT-s-OFDM 256QAM	1852.5	370500	5	25	0	22.15
CP-OFDM QPSK	1852.5	370500	5	13	6	22.13
CP-OFDM QPSK	1852.5	370500	5	1	1	25.05
CP-OFDM QPSK	1852.5	370500	5	1	23	25.27
CP-OFDM QPSK	1852.5	370500	5	25	0	23.72
CP-OFDM 16QAM	1852.5	370500	5	13	6	24.85
CP-OFDM 16QAM	1852.5	370500	5	1	1	24.85
CP-OFDM 16QAM	1852.5	370500	5	1	23	24.86
CP-OFDM 16QAM	1852.5	370500	5	25	0	23.74
CP-OFDM 64QAM	1852.5	370500	5	13	6	23.19
CP-OFDM 64QAM	1852.5	370500	5	1	1	22.90
CP-OFDM 64QAM	1852.5	370500	5	1	23	22.85
CP-OFDM 64QAM	1852.5	370500	5	25	0	23.27
CP-OFDM 256QAM	1852.5	370500	5	13	6	20.19
CP-OFDM 256QAM	1852.5	370500	5	1	1	19.95
CP-OFDM 256QAM	1852.5	370500	5	1	23	19.96
CP-OFDM 256QAM	1852.5	370500	5	25	0	20.22
DFT-s-OFDM PI/2 BPSK	1882.5	376500	5	12	6	26.03
DFT-s-OFDM PI/2 BPSK	1882.5	376500	5	1	1	26.85
DFT-s-OFDM PI/2 BPSK	1882.5	376500	5	1	23	26.86
DFT-s-OFDM PI/2 BPSK	1882.5	376500	5	25	0	26.00
DFT-s-OFDM QPSK	1882.5	376500	5	12	6	26.94

DFT-s-OFDM QPSK	1882.5	376500	5	1	1	26.85
DFT-s-OFDM QPSK	1882.5	376500	5	1	23	26.88
DFT-s-OFDM QPSK	1882.5	376500	5	25	0	26.01
DFT-s-OFDM 16QAM	1882.5	376500	5	12	6	26.07
DFT-s-OFDM 16QAM	1882.5	376500	5	1	1	26.10
DFT-s-OFDM 16QAM	1882.5	376500	5	1	23	26.08
DFT-s-OFDM 16QAM	1882.5	376500	5	25	0	25.03
DFT-s-OFDM 64QAM	1882.5	376500	5	12	6	24.59
DFT-s-OFDM 64QAM	1882.5	376500	5	1	1	24.24
DFT-s-OFDM 64QAM	1882.5	376500	5	1	23	24.30
DFT-s-OFDM 64QAM	1882.5	376500	5	25	0	24.53
DFT-s-OFDM 256QAM	1882.5	376500	5	12	6	22.39
DFT-s-OFDM 256QAM	1882.5	376500	5	1	1	22.22
DFT-s-OFDM 256QAM	1882.5	376500	5	1	23	22.22
DFT-s-OFDM 256QAM	1882.5	376500	5	25	0	22.38
CP-OFDM QPSK	1882.5	376500	5	13	6	22.21
CP-OFDM QPSK	1882.5	376500	5	1	1	25.63
CP-OFDM QPSK	1882.5	376500	5	1	23	25.55
CP-OFDM QPSK	1882.5	376500	5	25	0	23.92
CP-OFDM 16QAM	1882.5	376500	5	13	6	25.07
CP-OFDM 16QAM	1882.5	376500	5	1	1	25.15
CP-OFDM 16QAM	1882.5	376500	5	1	23	25.08
CP-OFDM 16QAM	1882.5	376500	5	25	0	24.07
CP-OFDM 64QAM	1882.5	376500	5	13	6	23.52
CP-OFDM 64QAM	1882.5	376500	5	1	1	23.19
CP-OFDM 64QAM	1882.5	376500	5	1	23	23.24
CP-OFDM 64QAM	1882.5	376500	5	25	0	23.53
CP-OFDM 256QAM	1882.5	376500	5	13	6	20.50
CP-OFDM 256QAM	1882.5	376500	5	1	1	20.25
CP-OFDM 256QAM	1882.5	376500	5	1	23	20.22
CP-OFDM 256QAM	1882.5	376500	5	25	0	20.51
DFT-s-OFDM PI/2 BPSK	1912.5	382500	5	12	6	26.03
DFT-s-OFDM PI/2 BPSK	1912.5	382500	5	1	1	26.98
DFT-s-OFDM PI/2 BPSK	1912.5	382500	5	1	23	26.96
DFT-s-OFDM PI/2 BPSK	1912.5	382500	5	25	0	26.04
DFT-s-OFDM QPSK	1912.5	382500	5	12	6	27.02
DFT-s-OFDM QPSK	1912.5	382500	5	1	1	26.93
DFT-s-OFDM QPSK	1912.5	382500	5	1	23	26.94
DFT-s-OFDM QPSK	1912.5	382500	5	25	0	25.99
DFT-s-OFDM 16QAM	1912.5	382500	5	12	6	26.09
DFT-s-OFDM 16QAM	1912.5	382500	5	1	1	26.10
DFT-s-OFDM 16QAM	1912.5	382500	5	1	23	26.09
DFT-s-OFDM 16QAM	1912.5	382500	5	25	0	25.10
DFT-s-OFDM 64QAM	1912.5	382500	5	12	6	24.61
DFT-s-OFDM 64QAM	1912.5	382500	5	1	1	24.25
DFT-s-OFDM 64QAM	1912.5	382500	5	1	23	24.26

DFT-s-OFDM 64QAM	1912.5	382500	5	25	0	24.54
DFT-s-OFDM 256QAM	1912.5	382500	5	12	6	22.43
DFT-s-OFDM 256QAM	1912.5	382500	5	1	1	22.27
DFT-s-OFDM 256QAM	1912.5	382500	5	1	23	22.18
DFT-s-OFDM 256QAM	1912.5	382500	5	25	0	22.41
CP-OFDM QPSK	1912.5	382500	5	13	6	22.15
CP-OFDM QPSK	1912.5	382500	5	1	1	25.54
CP-OFDM QPSK	1912.5	382500	5	1	23	25.53
CP-OFDM QPSK	1912.5	382500	5	25	0	23.96
CP-OFDM 16QAM	1912.5	382500	5	13	6	25.13
CP-OFDM 16QAM	1912.5	382500	5	1	1	25.17
CP-OFDM 16QAM	1912.5	382500	5	1	23	25.13
CP-OFDM 16QAM	1912.5	382500	5	25	0	23.93
CP-OFDM 64QAM	1912.5	382500	5	13	6	23.58
CP-OFDM 64QAM	1912.5	382500	5	1	1	23.21
CP-OFDM 64QAM	1912.5	382500	5	1	23	23.15
CP-OFDM 64QAM	1912.5	382500	5	25	0	23.48
CP-OFDM 256QAM	1912.5	382500	5	13	6	20.54
CP-OFDM 256QAM	1912.5	382500	5	1	1	20.29
CP-OFDM 256QAM	1912.5	382500	5	1	23	20.23
CP-OFDM 256QAM	1912.5	382500	5	25	0	20.45

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	1855	371000	10	25	12	25.80
DFT-s-OFDM PI/2 BPSK	1855	371000	10	1	1	26.69
DFT-s-OFDM PI/2 BPSK	1855	371000	10	1	50	26.82
DFT-s-OFDM PI/2 BPSK	1855	371000	10	50	0	25.80
DFT-s-OFDM QPSK	1855	371000	10	25	12	26.79
DFT-s-OFDM QPSK	1855	371000	10	1	1	26.67
DFT-s-OFDM QPSK	1855	371000	10	1	50	26.82
DFT-s-OFDM QPSK	1855	371000	10	50	0	25.80
DFT-s-OFDM 16QAM	1855	371000	10	25	12	25.81
DFT-s-OFDM 16QAM	1855	371000	10	1	1	25.84
DFT-s-OFDM 16QAM	1855	371000	10	1	50	26.02
DFT-s-OFDM 16QAM	1855	371000	10	50	0	24.78
DFT-s-OFDM 64QAM	1855	371000	10	25	12	24.35
DFT-s-OFDM 64QAM	1855	371000	10	1	1	24.05
DFT-s-OFDM 64QAM	1855	371000	10	1	50	24.17
DFT-s-OFDM 64QAM	1855	371000	10	50	0	24.30
DFT-s-OFDM 256QAM	1855	371000	10	25	12	22.23
DFT-s-OFDM 256QAM	1855	371000	10	1	1	21.98
DFT-s-OFDM 256QAM	1855	371000	10	1	50	22.12
DFT-s-OFDM 256QAM	1855	371000	10	50	0	22.21
CP-OFDM QPSK	1855	371000	10	26	13	23.34
CP-OFDM QPSK	1855	371000	10	1	1	25.31

CP-OFDM QPSK	1855	371000	10	1	50	25.44
CP-OFDM QPSK	1855	371000	10	52	0	23.74
CP-OFDM 16QAM	1855	371000	10	26	13	24.84
CP-OFDM 16QAM	1855	371000	10	1	1	24.90
CP-OFDM 16QAM	1855	371000	10	1	50	25.05
CP-OFDM 16QAM	1855	371000	10	52	0	23.78
CP-OFDM 64QAM	1855	371000	10	26	13	23.34
CP-OFDM 64QAM	1855	371000	10	1	1	22.96
CP-OFDM 64QAM	1855	371000	10	1	50	23.12
CP-OFDM 64QAM	1855	371000	10	52	0	23.23
CP-OFDM 256QAM	1855	371000	10	26	13	20.27
CP-OFDM 256QAM	1855	371000	10	1	1	19.98
CP-OFDM 256QAM	1855	371000	10	1	50	20.11
CP-OFDM 256QAM	1855	371000	10	52	0	20.31
DFT-s-OFDM PI/2 BPSK	1882.5	376500	10	25	12	25.99
DFT-s-OFDM PI/2 BPSK	1882.5	376500	10	1	1	26.88
DFT-s-OFDM PI/2 BPSK	1882.5	376500	10	1	50	26.86
DFT-s-OFDM PI/2 BPSK	1882.5	376500	10	50	0	26.05
DFT-s-OFDM QPSK	1882.5	376500	10	25	12	26.91
DFT-s-OFDM QPSK	1882.5	376500	10	1	1	26.94
DFT-s-OFDM QPSK	1882.5	376500	10	1	50	26.92
DFT-s-OFDM QPSK	1882.5	376500	10	50	0	26.00
DFT-s-OFDM 16QAM	1882.5	376500	10	25	12	26.03
DFT-s-OFDM 16QAM	1882.5	376500	10	1	1	26.10
DFT-s-OFDM 16QAM	1882.5	376500	10	1	50	26.13
DFT-s-OFDM 16QAM	1882.5	376500	10	50	0	24.99
DFT-s-OFDM 64QAM	1882.5	376500	10	25	12	24.57
DFT-s-OFDM 64QAM	1882.5	376500	10	1	1	24.24
DFT-s-OFDM 64QAM	1882.5	376500	10	1	50	24.23
DFT-s-OFDM 64QAM	1882.5	376500	10	50	0	24.51
DFT-s-OFDM 256QAM	1882.5	376500	10	25	12	22.43
DFT-s-OFDM 256QAM	1882.5	376500	10	1	1	22.27
DFT-s-OFDM 256QAM	1882.5	376500	10	1	50	22.22
DFT-s-OFDM 256QAM	1882.5	376500	10	50	0	22.46
CP-OFDM QPSK	1882.5	376500	10	26	13	22.41
CP-OFDM QPSK	1882.5	376500	10	1	1	25.56
CP-OFDM QPSK	1882.5	376500	10	1	50	25.46
CP-OFDM QPSK	1882.5	376500	10	52	0	24.03
CP-OFDM 16QAM	1882.5	376500	10	26	13	25.00
CP-OFDM 16QAM	1882.5	376500	10	1	1	25.14
CP-OFDM 16QAM	1882.5	376500	10	1	50	25.10
CP-OFDM 16QAM	1882.5	376500	10	52	0	24.00
CP-OFDM 64QAM	1882.5	376500	10	26	13	23.62
CP-OFDM 64QAM	1882.5	376500	10	1	1	23.19
CP-OFDM 64QAM	1882.5	376500	10	1	50	23.18
CP-OFDM 64QAM	1882.5	376500	10	52	0	23.42

CP-OFDM 256QAM	1882.5	376500	10	26	13	20.48
CP-OFDM 256QAM	1882.5	376500	10	1	1	20.29
CP-OFDM 256QAM	1882.5	376500	10	1	50	20.18
CP-OFDM 256QAM	1882.5	376500	10	52	0	20.54
DFT-s-OFDM PI/2 BPSK	1910	382000	10	25	12	26.15
DFT-s-OFDM PI/2 BPSK	1910	382000	10	1	1	27.12
DFT-s-OFDM PI/2 BPSK	1910	382000	10	1	50	26.95
DFT-s-OFDM PI/2 BPSK	1910	382000	10	50	0	26.14
DFT-s-OFDM QPSK	1910	382000	10	25	12	27.19
DFT-s-OFDM QPSK	1910	382000	10	1	1	27.08
DFT-s-OFDM QPSK	1910	382000	10	1	50	26.92
DFT-s-OFDM QPSK	1910	382000	10	50	0	26.21
DFT-s-OFDM 16QAM	1910	382000	10	25	12	26.15
DFT-s-OFDM 16QAM	1910	382000	10	1	1	26.38
DFT-s-OFDM 16QAM	1910	382000	10	1	50	26.07
DFT-s-OFDM 16QAM	1910	382000	10	50	0	25.16
DFT-s-OFDM 64QAM	1910	382000	10	25	12	24.76
DFT-s-OFDM 64QAM	1910	382000	10	1	1	24.47
DFT-s-OFDM 64QAM	1910	382000	10	1	50	24.21
DFT-s-OFDM 64QAM	1910	382000	10	50	0	24.71
DFT-s-OFDM 256QAM	1910	382000	10	25	12	22.61
DFT-s-OFDM 256QAM	1910	382000	10	1	1	22.43
DFT-s-OFDM 256QAM	1910	382000	10	1	50	22.32
DFT-s-OFDM 256QAM	1910	382000	10	50	0	22.76
CP-OFDM QPSK	1910	382000	10	26	13	25.62
CP-OFDM QPSK	1910	382000	10	1	1	25.75
CP-OFDM QPSK	1910	382000	10	1	50	25.60
CP-OFDM QPSK	1910	382000	10	52	0	24.16
CP-OFDM 16QAM	1910	382000	10	26	13	25.20
CP-OFDM 16QAM	1910	382000	10	1	1	25.35
CP-OFDM 16QAM	1910	382000	10	1	50	25.18
CP-OFDM 16QAM	1910	382000	10	52	0	24.15
CP-OFDM 64QAM	1910	382000	10	26	13	23.66
CP-OFDM 64QAM	1910	382000	10	1	1	23.37
CP-OFDM 64QAM	1910	382000	10	1	50	23.14
CP-OFDM 64QAM	1910	382000	10	52	0	23.62
CP-OFDM 256QAM	1910	382000	10	26	13	20.59
CP-OFDM 256QAM	1910	382000	10	1	1	20.47
CP-OFDM 256QAM	1910	382000	10	1	50	20.33
CP-OFDM 256QAM	1910	382000	10	52	0	20.69

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	1857.5	371500	15	36	18	25.86
DFT-s-OFDM PI/2 BPSK	1857.5	371500	15	1	1	26.68
DFT-s-OFDM PI/2 BPSK	1857.5	371500	15	1	77	26.82

DFT-s-OFDM PI/2 BPSK	1857.5	371500	15	75	0	25.89
DFT-s-OFDM QPSK	1857.5	371500	15	36	18	26.87
DFT-s-OFDM QPSK	1857.5	371500	15	1	1	26.67
DFT-s-OFDM QPSK	1857.5	371500	15	1	77	26.81
DFT-s-OFDM QPSK	1857.5	371500	15	75	0	25.87
DFT-s-OFDM 16QAM	1857.5	371500	15	36	18	25.89
DFT-s-OFDM 16QAM	1857.5	371500	15	1	1	25.92
DFT-s-OFDM 16QAM	1857.5	371500	15	1	77	25.99
DFT-s-OFDM 16QAM	1857.5	371500	15	75	0	24.82
DFT-s-OFDM 64QAM	1857.5	371500	15	36	18	24.39
DFT-s-OFDM 64QAM	1857.5	371500	15	1	1	24.04
DFT-s-OFDM 64QAM	1857.5	371500	15	1	77	24.19
DFT-s-OFDM 64QAM	1857.5	371500	15	75	0	24.42
DFT-s-OFDM 256QAM	1857.5	371500	15	36	18	22.27
DFT-s-OFDM 256QAM	1857.5	371500	15	1	1	22.06
DFT-s-OFDM 256QAM	1857.5	371500	15	1	77	22.13
DFT-s-OFDM 256QAM	1857.5	371500	15	75	0	22.32
CP-OFDM QPSK	1857.5	371500	15	39	19	-34.87
CP-OFDM QPSK	1857.5	371500	15	1	1	25.36
CP-OFDM QPSK	1857.5	371500	15	1	77	25.36
CP-OFDM QPSK	1857.5	371500	15	79	0	23.85
CP-OFDM 16QAM	1857.5	371500	15	39	19	24.77
CP-OFDM 16QAM	1857.5	371500	15	1	1	24.95
CP-OFDM 16QAM	1857.5	371500	15	1	77	25.06
CP-OFDM 16QAM	1857.5	371500	15	79	0	23.85
CP-OFDM 64QAM	1857.5	371500	15	39	19	23.36
CP-OFDM 64QAM	1857.5	371500	15	1	1	22.99
CP-OFDM 64QAM	1857.5	371500	15	1	77	23.07
CP-OFDM 64QAM	1857.5	371500	15	79	0	23.42
CP-OFDM 256QAM	1857.5	371500	15	39	19	20.31
CP-OFDM 256QAM	1857.5	371500	15	1	1	20.05
CP-OFDM 256QAM	1857.5	371500	15	1	77	20.07
CP-OFDM 256QAM	1857.5	371500	15	79	0	20.41
DFT-s-OFDM PI/2 BPSK	1882.5	376500	15	36	18	26.09
DFT-s-OFDM PI/2 BPSK	1882.5	376500	15	1	1	26.89
DFT-s-OFDM PI/2 BPSK	1882.5	376500	15	1	77	26.98
DFT-s-OFDM PI/2 BPSK	1882.5	376500	15	75	0	26.02
DFT-s-OFDM QPSK	1882.5	376500	15	36	18	27.02
DFT-s-OFDM QPSK	1882.5	376500	15	1	1	26.89
DFT-s-OFDM QPSK	1882.5	376500	15	1	77	26.97
DFT-s-OFDM QPSK	1882.5	376500	15	75	0	26.08
DFT-s-OFDM 16QAM	1882.5	376500	15	36	18	26.07
DFT-s-OFDM 16QAM	1882.5	376500	15	1	1	26.08
DFT-s-OFDM 16QAM	1882.5	376500	15	1	77	26.14
DFT-s-OFDM 16QAM	1882.5	376500	15	75	0	25.03
DFT-s-OFDM 64QAM	1882.5	376500	15	36	18	24.64

DFT-s-OFDM 64QAM	1882.5	376500	15	1	1	24.29
DFT-s-OFDM 64QAM	1882.5	376500	15	1	77	24.25
DFT-s-OFDM 64QAM	1882.5	376500	15	75	0	24.63
DFT-s-OFDM 256QAM	1882.5	376500	15	36	18	22.51
DFT-s-OFDM 256QAM	1882.5	376500	15	1	1	22.26
DFT-s-OFDM 256QAM	1882.5	376500	15	1	77	22.33
DFT-s-OFDM 256QAM	1882.5	376500	15	75	0	22.54
CP-OFDM QPSK	1882.5	376500	15	39	19	22.18
CP-OFDM QPSK	1882.5	376500	15	1	1	25.54
CP-OFDM QPSK	1882.5	376500	15	1	77	25.46
CP-OFDM QPSK	1882.5	376500	15	79	0	24.02
CP-OFDM 16QAM	1882.5	376500	15	39	19	25.03
CP-OFDM 16QAM	1882.5	376500	15	1	1	25.23
CP-OFDM 16QAM	1882.5	376500	15	1	77	25.20
CP-OFDM 16QAM	1882.5	376500	15	79	0	23.96
CP-OFDM 64QAM	1882.5	376500	15	39	19	23.59
CP-OFDM 64QAM	1882.5	376500	15	1	1	23.24
CP-OFDM 64QAM	1882.5	376500	15	1	77	23.20
CP-OFDM 64QAM	1882.5	376500	15	79	0	23.62
CP-OFDM 256QAM	1882.5	376500	15	39	19	20.50
CP-OFDM 256QAM	1882.5	376500	15	1	1	20.32
CP-OFDM 256QAM	1882.5	376500	15	1	77	20.30
CP-OFDM 256QAM	1882.5	376500	15	79	0	20.60
DFT-s-OFDM PI/2 BPSK	1907.5	381500	15	36	18	26.10
DFT-s-OFDM PI/2 BPSK	1907.5	381500	15	1	1	27.10
DFT-s-OFDM PI/2 BPSK	1907.5	381500	15	1	77	26.89
DFT-s-OFDM PI/2 BPSK	1907.5	381500	15	75	0	26.19
DFT-s-OFDM QPSK	1907.5	381500	15	36	18	27.06
DFT-s-OFDM QPSK	1907.5	381500	15	1	1	27.07
DFT-s-OFDM QPSK	1907.5	381500	15	1	77	26.95
DFT-s-OFDM QPSK	1907.5	381500	15	75	0	26.17
DFT-s-OFDM 16QAM	1907.5	381500	15	36	18	26.17
DFT-s-OFDM 16QAM	1907.5	381500	15	1	1	26.31
DFT-s-OFDM 16QAM	1907.5	381500	15	1	77	26.14
DFT-s-OFDM 16QAM	1907.5	381500	15	75	0	25.13
DFT-s-OFDM 64QAM	1907.5	381500	15	36	18	24.69
DFT-s-OFDM 64QAM	1907.5	381500	15	1	1	24.44
DFT-s-OFDM 64QAM	1907.5	381500	15	1	77	24.28
DFT-s-OFDM 64QAM	1907.5	381500	15	75	0	24.72
DFT-s-OFDM 256QAM	1907.5	381500	15	36	18	22.60
DFT-s-OFDM 256QAM	1907.5	381500	15	1	1	22.48
DFT-s-OFDM 256QAM	1907.5	381500	15	1	77	22.41
DFT-s-OFDM 256QAM	1907.5	381500	15	75	0	22.65
CP-OFDM QPSK	1907.5	381500	15	39	19	22.45
CP-OFDM QPSK	1907.5	381500	15	1	1	25.82
CP-OFDM QPSK	1907.5	381500	15	1	77	25.49

CP-OFDM QPSK	1907.5	381500	15	79	0	24.12
CP-OFDM 16QAM	1907.5	381500	15	39	19	25.18
CP-OFDM 16QAM	1907.5	381500	15	1	1	25.34
CP-OFDM 16QAM	1907.5	381500	15	1	77	25.12
CP-OFDM 16QAM	1907.5	381500	15	79	0	24.14
CP-OFDM 64QAM	1907.5	381500	15	39	19	23.67
CP-OFDM 64QAM	1907.5	381500	15	1	1	23.37
CP-OFDM 64QAM	1907.5	381500	15	1	77	23.13
CP-OFDM 64QAM	1907.5	381500	15	79	0	23.70
CP-OFDM 256QAM	1907.5	381500	15	39	19	20.69
CP-OFDM 256QAM	1907.5	381500	15	1	1	20.51
CP-OFDM 256QAM	1907.5	381500	15	1	77	20.31
CP-OFDM 256QAM	1907.5	381500	15	79	0	20.68

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	1860	372000	20	50	25	25.81
DFT-s-OFDM PI/2 BPSK	1860	372000	20	1	1	26.62
DFT-s-OFDM PI/2 BPSK	1860	372000	20	1	104	26.77
DFT-s-OFDM PI/2 BPSK	1860	372000	20	100	0	25.85
DFT-s-OFDM QPSK	1860	372000	20	50	25	26.83
DFT-s-OFDM QPSK	1860	372000	20	1	1	26.69
DFT-s-OFDM QPSK	1860	372000	20	1	104	26.77
DFT-s-OFDM QPSK	1860	372000	20	100	0	25.84
DFT-s-OFDM 16QAM	1860	372000	20	50	25	25.91
DFT-s-OFDM 16QAM	1860	372000	20	1	1	25.89
DFT-s-OFDM 16QAM	1860	372000	20	1	104	25.99
DFT-s-OFDM 16QAM	1860	372000	20	100	0	24.86
DFT-s-OFDM 64QAM	1860	372000	20	50	25	24.35
DFT-s-OFDM 64QAM	1860	372000	20	1	1	24.04
DFT-s-OFDM 64QAM	1860	372000	20	1	104	24.10
DFT-s-OFDM 64QAM	1860	372000	20	100	0	24.45
DFT-s-OFDM 256QAM	1860	372000	20	50	25	22.33
DFT-s-OFDM 256QAM	1860	372000	20	1	1	22.05
DFT-s-OFDM 256QAM	1860	372000	20	1	104	22.18
DFT-s-OFDM 256QAM	1860	372000	20	100	0	22.45
CP-OFDM QPSK	1860	372000	20	53	26	25.38
CP-OFDM QPSK	1860	372000	20	1	1	25.35
CP-OFDM QPSK	1860	372000	20	1	104	25.36
CP-OFDM QPSK	1860	372000	20	106	0	23.87
CP-OFDM 16QAM	1860	372000	20	53	26	24.87
CP-OFDM 16QAM	1860	372000	20	1	1	24.98
CP-OFDM 16QAM	1860	372000	20	1	104	25.03
CP-OFDM 16QAM	1860	372000	20	106	0	23.88
CP-OFDM 64QAM	1860	372000	20	53	26	23.51
CP-OFDM 64QAM	1860	372000	20	1	1	23.03

CP-OFDM 64QAM	1860	372000	20	1	104	23.00
CP-OFDM 64QAM	1860	372000	20	106	0	23.43
CP-OFDM 256QAM	1860	372000	20	53	26	20.34
CP-OFDM 256QAM	1860	372000	20	1	1	20.09
CP-OFDM 256QAM	1860	372000	20	1	104	20.14
CP-OFDM 256QAM	1860	372000	20	106	0	20.42
DFT-s-OFDM PI/2 BPSK	1882.5	376500	20	50	25	26.06
DFT-s-OFDM PI/2 BPSK	1882.5	376500	20	1	1	26.87
DFT-s-OFDM PI/2 BPSK	1882.5	376500	20	1	104	26.77
DFT-s-OFDM PI/2 BPSK	1882.5	376500	20	100	0	26.11
DFT-s-OFDM QPSK	1882.5	376500	20	50	25	27.04
DFT-s-OFDM QPSK	1882.5	376500	20	1	1	26.83
DFT-s-OFDM QPSK	1882.5	376500	20	1	104	26.73
DFT-s-OFDM QPSK	1882.5	376500	20	100	0	26.08
DFT-s-OFDM 16QAM	1882.5	376500	20	50	25	26.08
DFT-s-OFDM 16QAM	1882.5	376500	20	1	1	26.02
DFT-s-OFDM 16QAM	1882.5	376500	20	1	104	25.95
DFT-s-OFDM 16QAM	1882.5	376500	20	100	0	25.04
DFT-s-OFDM 64QAM	1882.5	376500	20	50	25	24.53
DFT-s-OFDM 64QAM	1882.5	376500	20	1	1	24.22
DFT-s-OFDM 64QAM	1882.5	376500	20	1	104	24.17
DFT-s-OFDM 64QAM	1882.5	376500	20	100	0	24.61
DFT-s-OFDM 256QAM	1882.5	376500	20	50	25	22.53
DFT-s-OFDM 256QAM	1882.5	376500	20	1	1	22.34
DFT-s-OFDM 256QAM	1882.5	376500	20	1	104	22.21
DFT-s-OFDM 256QAM	1882.5	376500	20	100	0	22.52
CP-OFDM QPSK	1882.5	376500	20	53	26	23.72
CP-OFDM QPSK	1882.5	376500	20	1	1	25.58
CP-OFDM QPSK	1882.5	376500	20	1	104	25.39
CP-OFDM QPSK	1882.5	376500	20	106	0	24.06
CP-OFDM 16QAM	1882.5	376500	20	53	26	25.10
CP-OFDM 16QAM	1882.5	376500	20	1	1	25.16
CP-OFDM 16QAM	1882.5	376500	20	1	104	25.01
CP-OFDM 16QAM	1882.5	376500	20	106	0	24.04
CP-OFDM 64QAM	1882.5	376500	20	53	26	23.62
CP-OFDM 64QAM	1882.5	376500	20	1	1	23.15
CP-OFDM 64QAM	1882.5	376500	20	1	104	23.09
CP-OFDM 64QAM	1882.5	376500	20	106	0	23.60
CP-OFDM 256QAM	1882.5	376500	20	53	26	20.56
CP-OFDM 256QAM	1882.5	376500	20	1	1	20.31
CP-OFDM 256QAM	1882.5	376500	20	1	104	20.17
CP-OFDM 256QAM	1882.5	376500	20	106	0	20.53
DFT-s-OFDM PI/2 BPSK	1905	381000	20	50	25	26.18
DFT-s-OFDM PI/2 BPSK	1905	381000	20	1	1	27.18
DFT-s-OFDM PI/2 BPSK	1905	381000	20	1	104	26.96
DFT-s-OFDM PI/2 BPSK	1905	381000	20	100	0	26.19

DFT-s-OFDM QPSK	1905	381000	20	50	25	27.17
DFT-s-OFDM QPSK	1905	381000	20	1	1	27.13
DFT-s-OFDM QPSK	1905	381000	20	1	104	26.92
DFT-s-OFDM QPSK	1905	381000	20	100	0	26.16
DFT-s-OFDM 16QAM	1905	381000	20	50	25	26.27
DFT-s-OFDM 16QAM	1905	381000	20	1	1	26.31
DFT-s-OFDM 16QAM	1905	381000	20	1	104	26.13
DFT-s-OFDM 16QAM	1905	381000	20	100	0	25.24
DFT-s-OFDM 64QAM	1905	381000	20	50	25	24.74
DFT-s-OFDM 64QAM	1905	381000	20	1	1	24.46
DFT-s-OFDM 64QAM	1905	381000	20	1	104	24.16
DFT-s-OFDM 64QAM	1905	381000	20	100	0	24.72
DFT-s-OFDM 256QAM	1905	381000	20	50	25	22.69
DFT-s-OFDM 256QAM	1905	381000	20	1	1	22.50
DFT-s-OFDM 256QAM	1905	381000	20	1	104	22.35
DFT-s-OFDM 256QAM	1905	381000	20	100	0	22.67
CP-OFDM QPSK	1905	381000	20	53	26	23.32
CP-OFDM QPSK	1905	381000	20	1	1	25.66
CP-OFDM QPSK	1905	381000	20	1	104	25.43
CP-OFDM QPSK	1905	381000	20	106	0	24.17
CP-OFDM 16QAM	1905	381000	20	53	26	25.19
CP-OFDM 16QAM	1905	381000	20	1	1	25.44
CP-OFDM 16QAM	1905	381000	20	1	104	25.23
CP-OFDM 16QAM	1905	381000	20	106	0	24.21
CP-OFDM 64QAM	1905	381000	20	53	26	23.72
CP-OFDM 64QAM	1905	381000	20	1	1	23.43
CP-OFDM 64QAM	1905	381000	20	1	104	23.25
CP-OFDM 64QAM	1905	381000	20	106	0	23.69
CP-OFDM 256QAM	1905	381000	20	53	26	20.68
CP-OFDM 256QAM	1905	381000	20	1	1	20.57
CP-OFDM 256QAM	1905	381000	20	1	104	20.43
CP-OFDM 256QAM	1905	381000	20	106	0	20.66

2 Occupied Bandwidth

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
CP-OFDM QPSK	1852.5	370500	5	25	0	4.490	Fig.1
CP-OFDM 16QAM	1852.5	370500	5	25	0	4.500	Fig.2
CP-OFDM 64QAM	1852.5	370500	5	25	0	4.500	Fig.3
CP-OFDM 256QAM	1852.5	370500	5	25	0	4.520	Fig.4
CP-OFDM QPSK	1882.5	376500	5	25	0	4.490	Fig.5
CP-OFDM 16QAM	1882.5	376500	5	25	0	4.500	Fig.6
CP-OFDM 64QAM	1882.5	376500	5	25	0	4.490	Fig.7
CP-OFDM 256QAM	1882.5	376500	5	25	0	4.500	Fig.8
CP-OFDM QPSK	1912.5	382500	5	25	0	4.500	Fig.9
CP-OFDM 16QAM	1912.5	382500	5	25	0	4.500	Fig.10
CP-OFDM 64QAM	1912.5	382500	5	25	0	4.500	Fig.11
CP-OFDM 256QAM	1912.5	382500	5	25	0	4.520	Fig.12
CP-OFDM QPSK	1855	371000	10	52	0	9.300	Fig.13
CP-OFDM 16QAM	1855	371000	10	52	0	9.300	Fig.14
CP-OFDM 64QAM	1855	371000	10	52	0	9.300	Fig.15
CP-OFDM 256QAM	1855	371000	10	52	0	9.290	Fig.16
CP-OFDM QPSK	1882.5	376500	10	52	0	9.280	Fig.17
CP-OFDM 16QAM	1882.5	376500	10	52	0	9.300	Fig.18
CP-OFDM 64QAM	1882.5	376500	10	52	0	9.290	Fig.19
CP-OFDM 256QAM	1882.5	376500	10	52	0	9.300	Fig.20
CP-OFDM QPSK	1910	382000	10	52	0	9.310	Fig.21
CP-OFDM 16QAM	1910	382000	10	52	0	9.310	Fig.22
CP-OFDM 64QAM	1910	382000	10	52	0	9.310	Fig.23
CP-OFDM 256QAM	1910	382000	10	52	0	9.310	Fig.24
CP-OFDM QPSK	1857.5	371500	15	79	0	14.230	Fig.25
CP-OFDM 16QAM	1857.5	371500	15	79	0	14.200	Fig.26
CP-OFDM 64QAM	1857.5	371500	15	79	0	14.240	Fig.27
CP-OFDM 256QAM	1857.5	371500	15	79	0	14.190	Fig.28
CP-OFDM QPSK	1882.5	376500	15	79	0	14.210	Fig.29
CP-OFDM 16QAM	1882.5	376500	15	79	0	14.190	Fig.30
CP-OFDM 64QAM	1882.5	376500	15	79	0	14.250	Fig.31
CP-OFDM 256QAM	1882.5	376500	15	79	0	14.180	Fig.32
CP-OFDM QPSK	1907.5	381500	15	79	0	14.200	Fig.33
CP-OFDM 16QAM	1907.5	381500	15	79	0	14.200	Fig.34
CP-OFDM 64QAM	1907.5	381500	15	79	0	14.240	Fig.35
CP-OFDM 256QAM	1907.5	381500	15	79	0	14.160	Fig.36
CP-OFDM QPSK	1860	372000	20	106	0	19.060	Fig.37
CP-OFDM 16QAM	1860	372000	20	106	0	19.030	Fig.38
CP-OFDM 64QAM	1860	372000	20	106	0	19.030	Fig.39
CP-OFDM 256QAM	1860	372000	20	106	0	19.040	Fig.40
CP-OFDM QPSK	1882.5	376500	20	106	0	19.030	Fig.41
CP-OFDM 16QAM	1882.5	376500	20	106	0	19.010	Fig.42
CP-OFDM 64QAM	1882.5	376500	20	106	0	19.000	Fig.43

CP-OFDM 256QAM	1882.5	376500	20	106	0	19.020	Fig.44
CP-OFDM QPSK	1905	381000	20	106	0	19.000	Fig.45
CP-OFDM 16QAM	1905	381000	20	106	0	18.990	Fig.46
CP-OFDM 64QAM	1905	381000	20	106	0	18.980	Fig.47
CP-OFDM 256QAM	1905	381000	20	106	0	18.990	Fig.48

Test Plot:

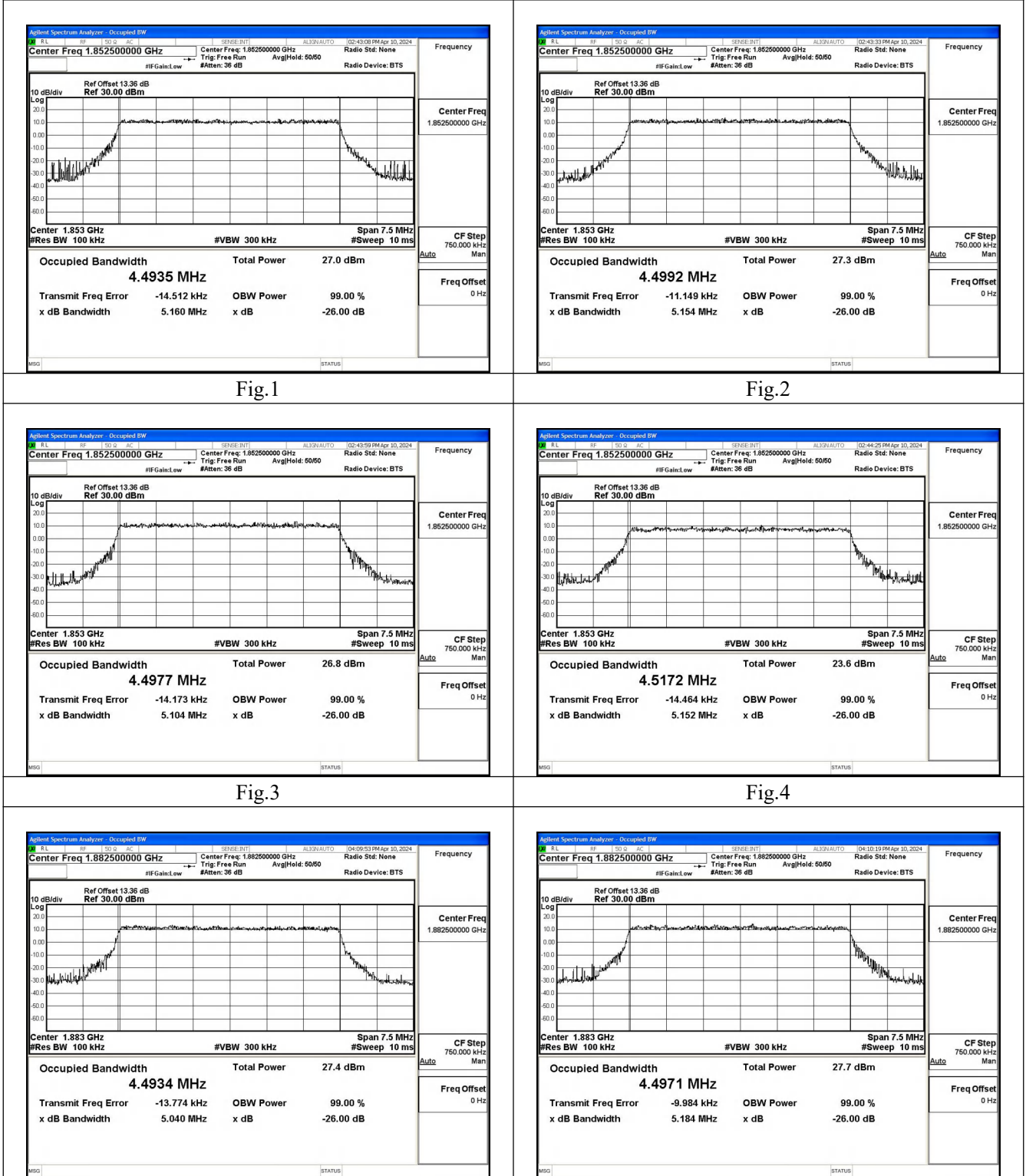


Fig.5

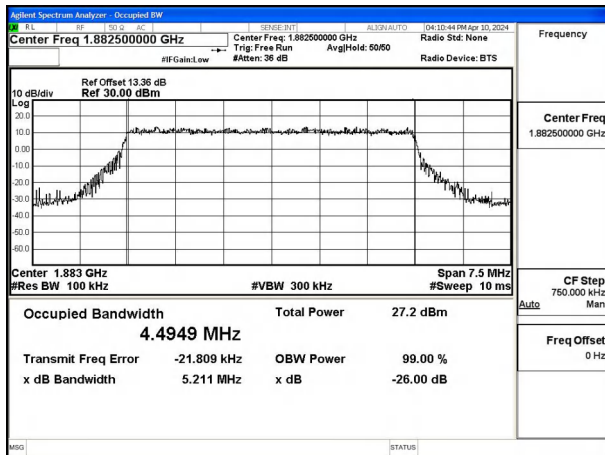


Fig.6

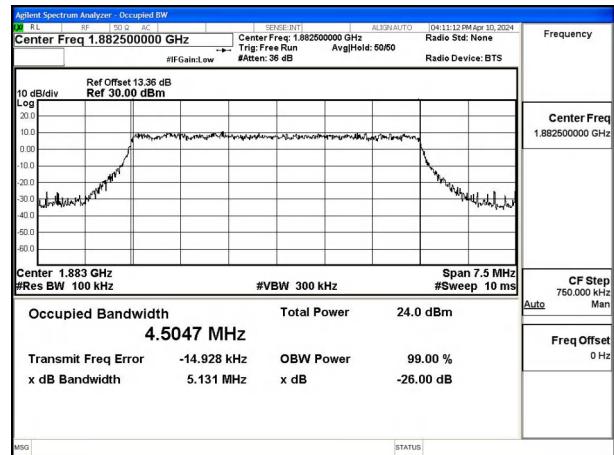


Fig.7

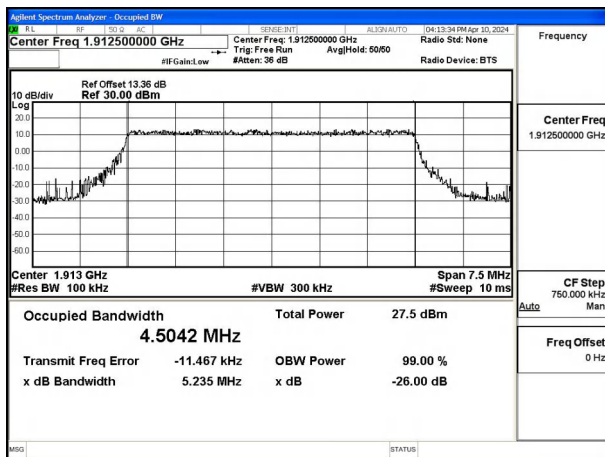


Fig.8

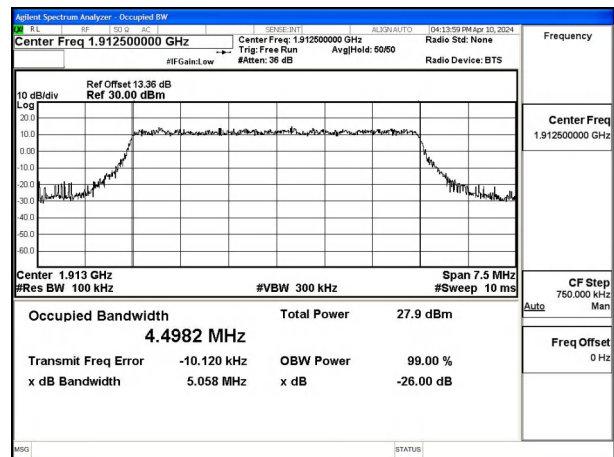


Fig.9

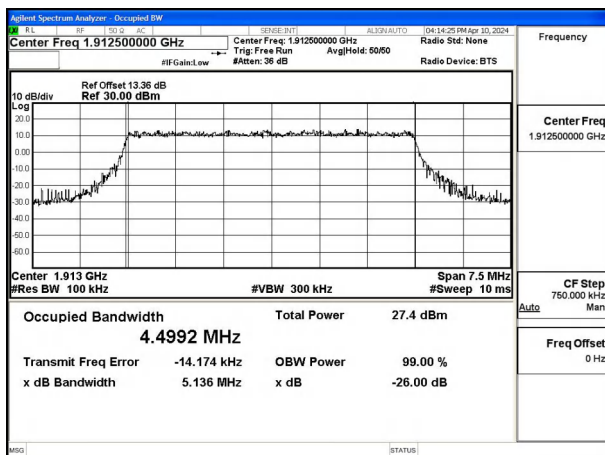


Fig.10

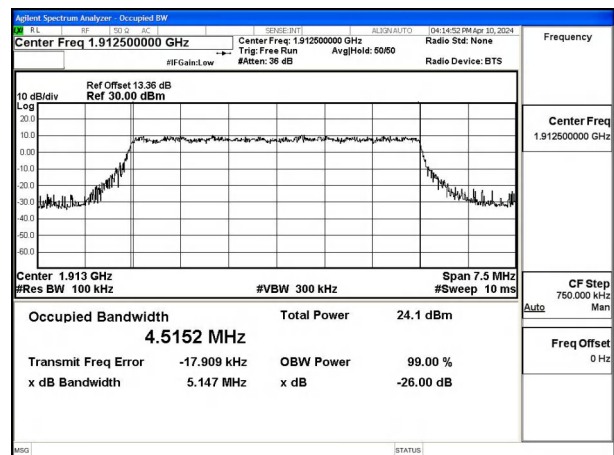


Fig.11

Fig.12

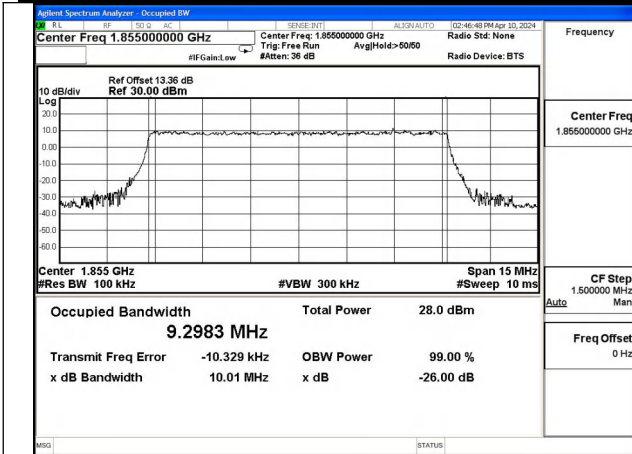


Fig.13

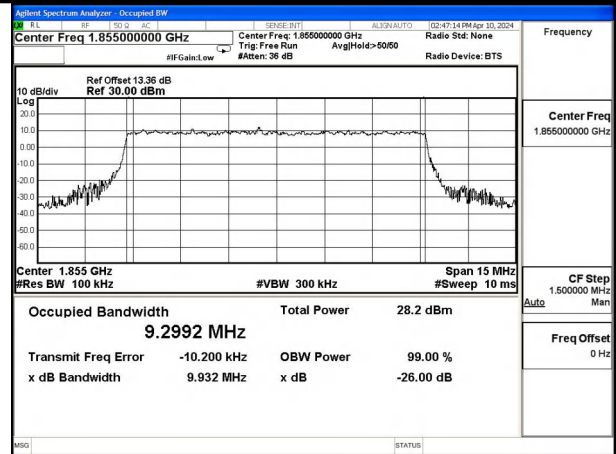


Fig.14

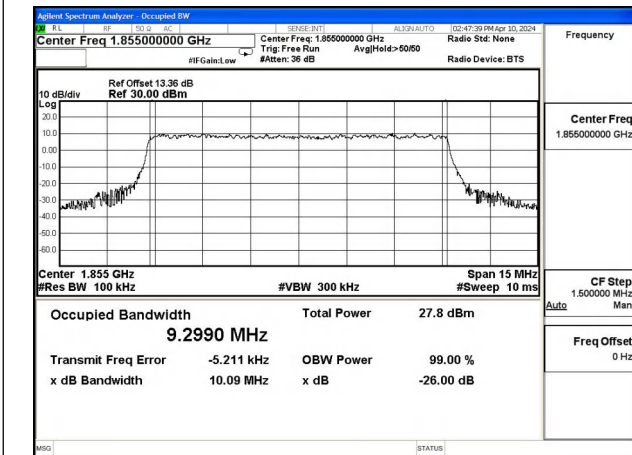


Fig.15

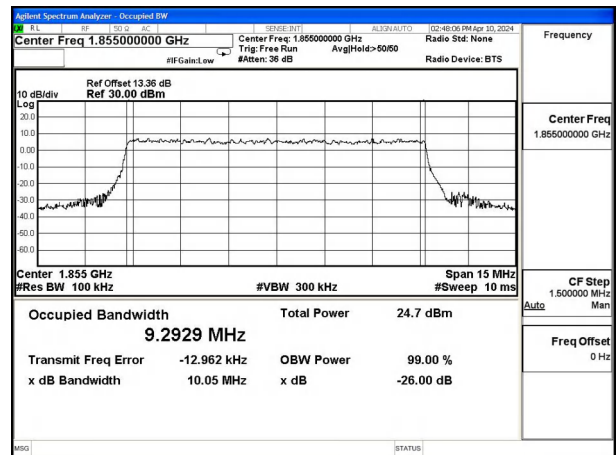


Fig.16

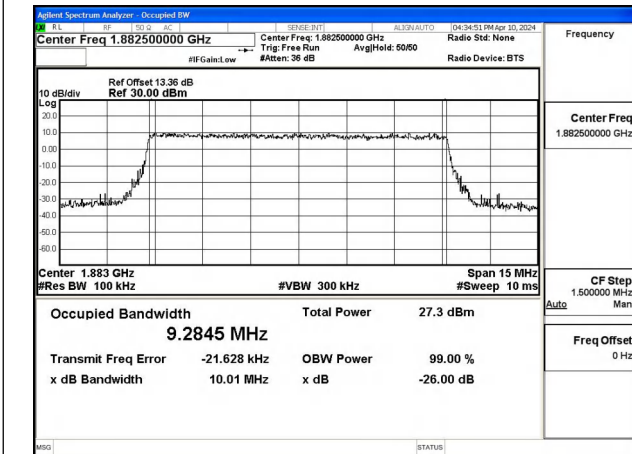


Fig.17

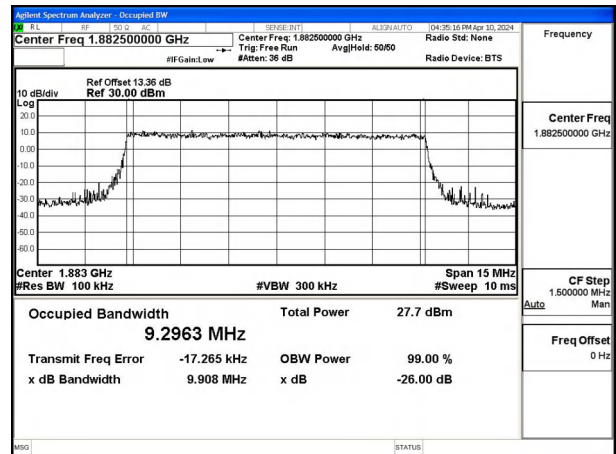


Fig.18

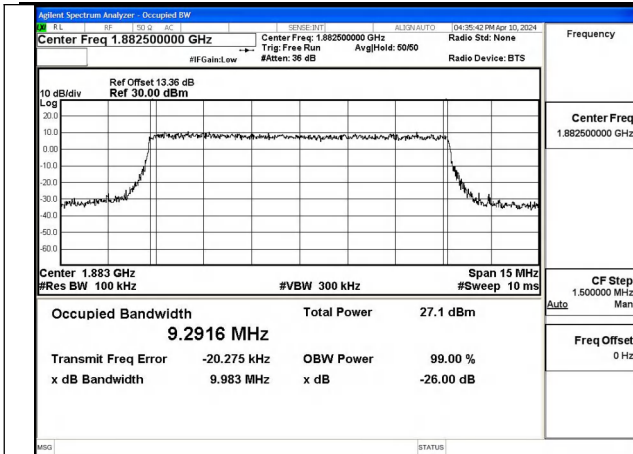


Fig.19

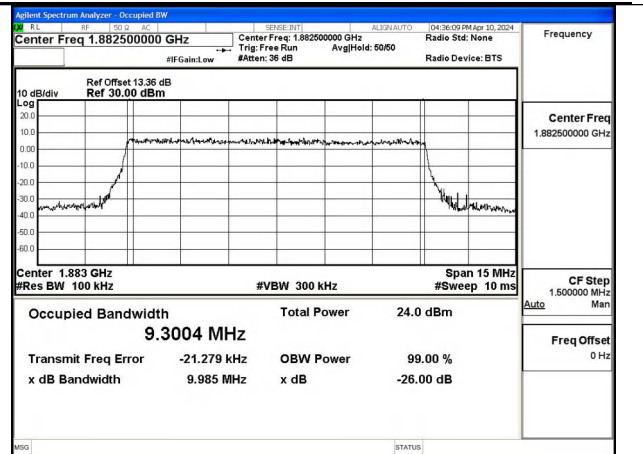


Fig.20

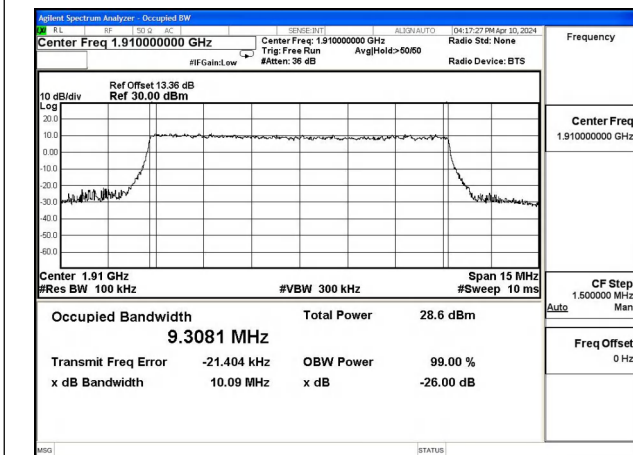


Fig.21

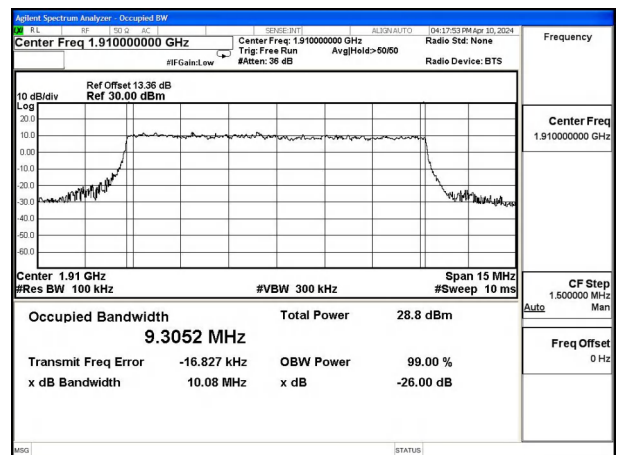


Fig.22

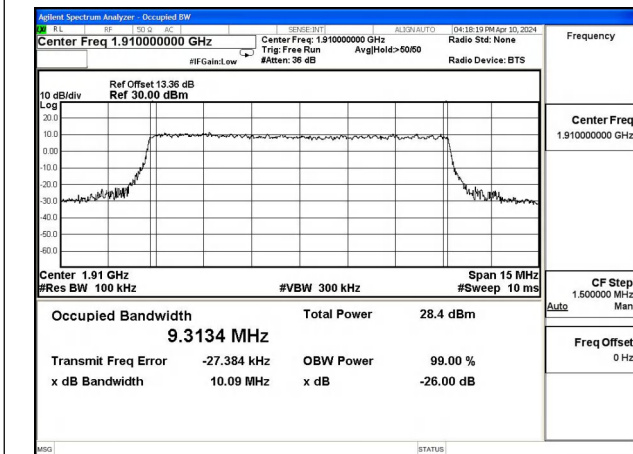


Fig.23

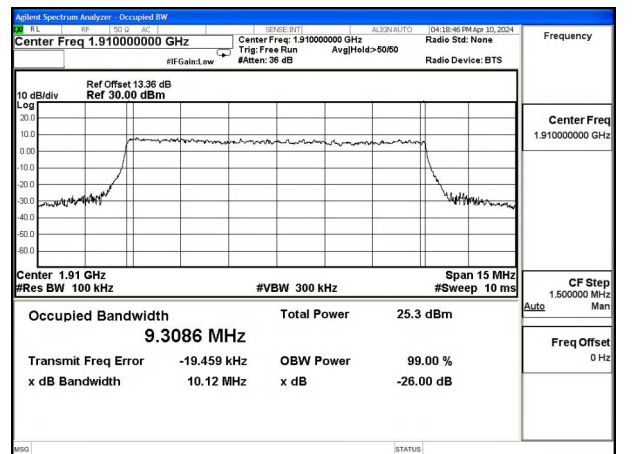


Fig.24

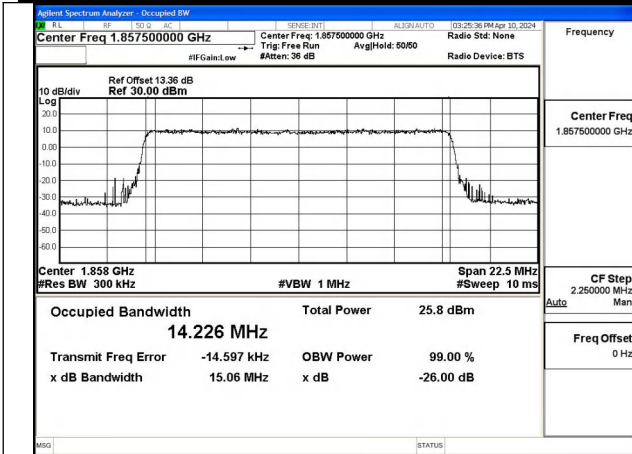


Fig.25

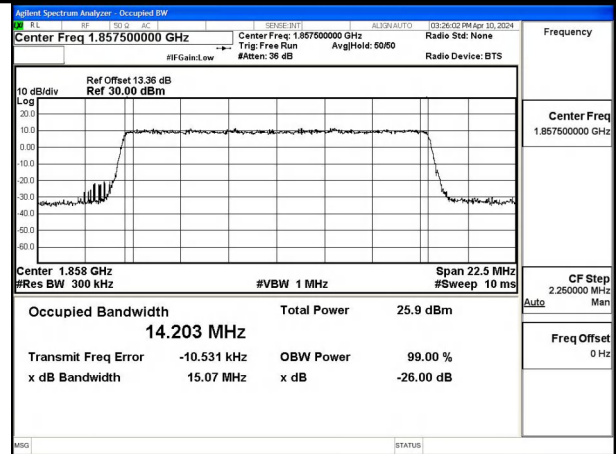


Fig.26

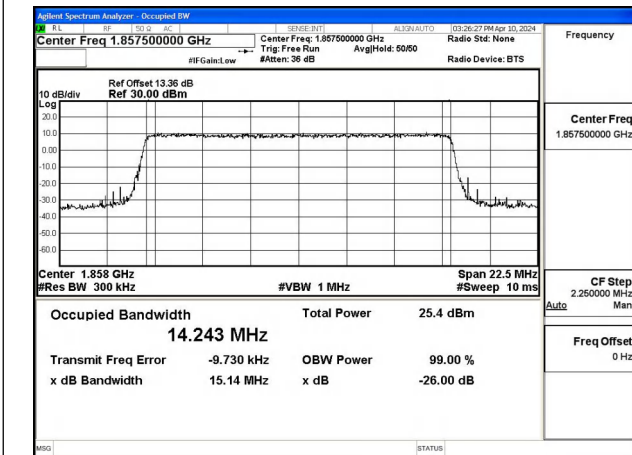


Fig.27

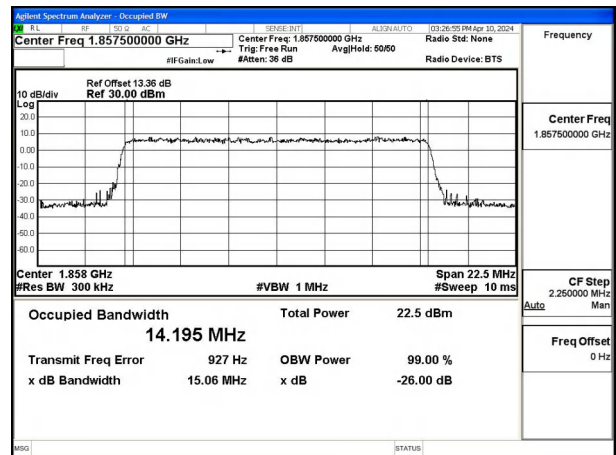


Fig.28

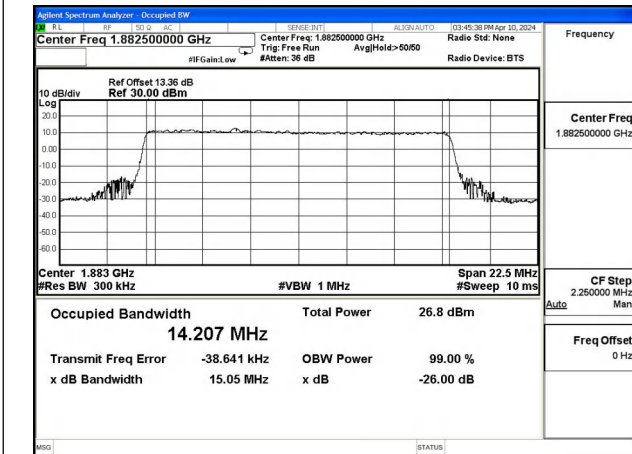


Fig.29

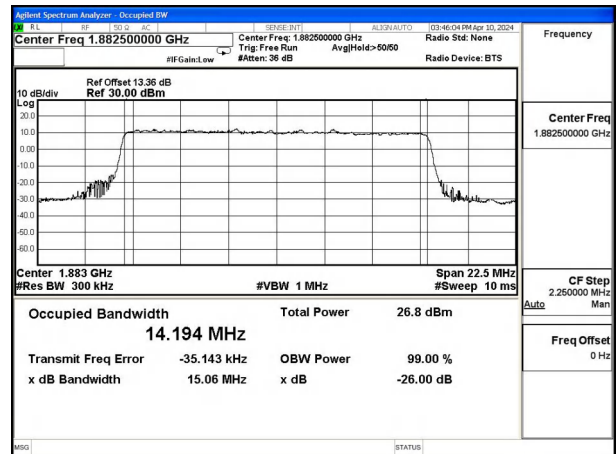


Fig.30

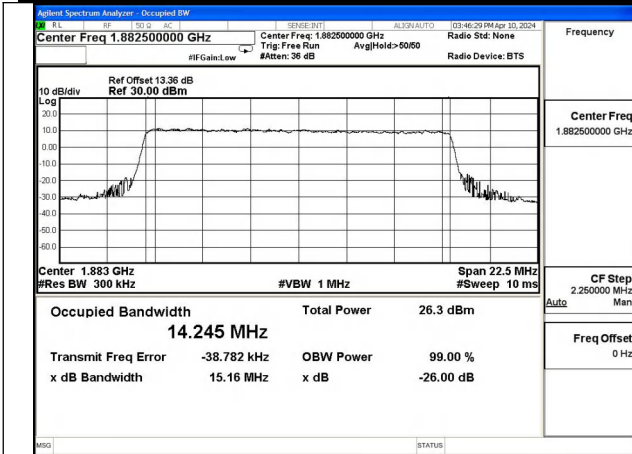


Fig.31

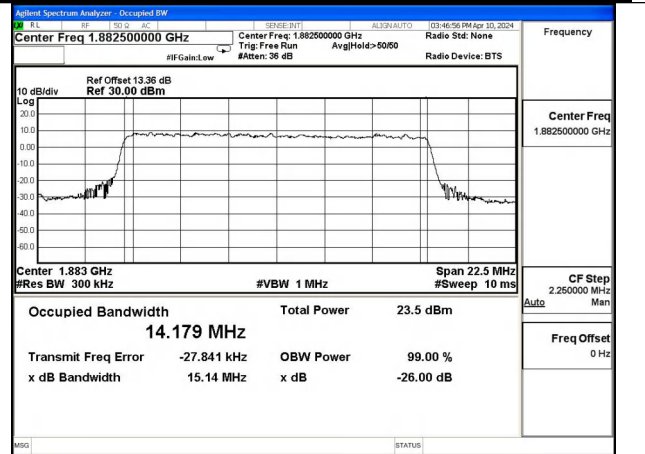


Fig.32

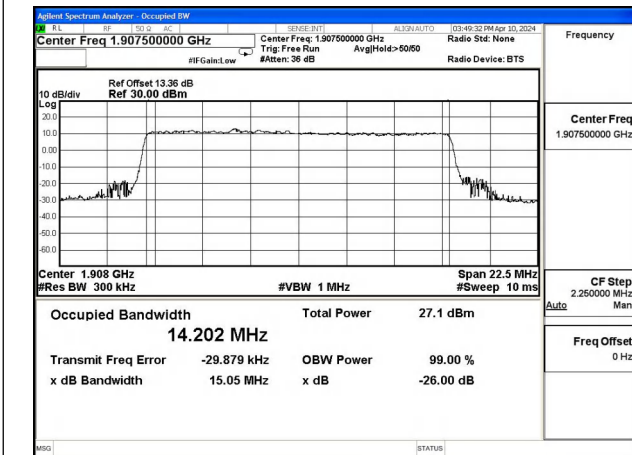


Fig.33

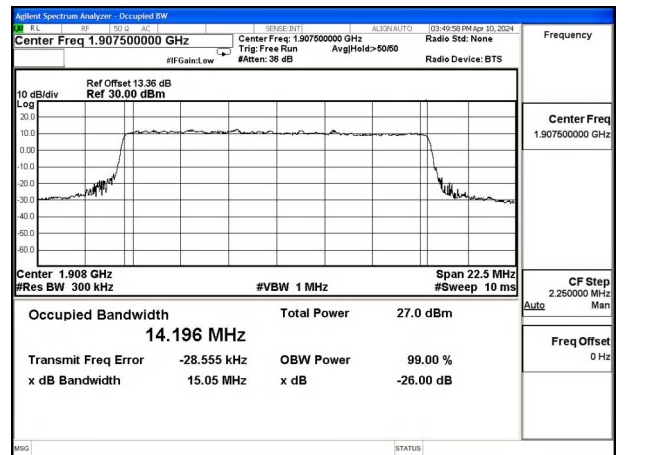


Fig.34

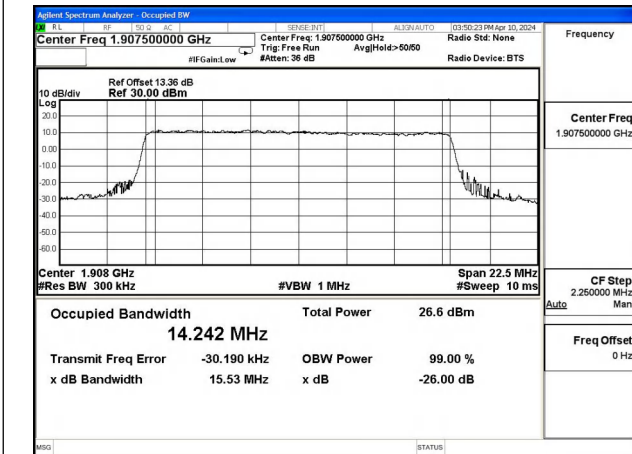


Fig.35

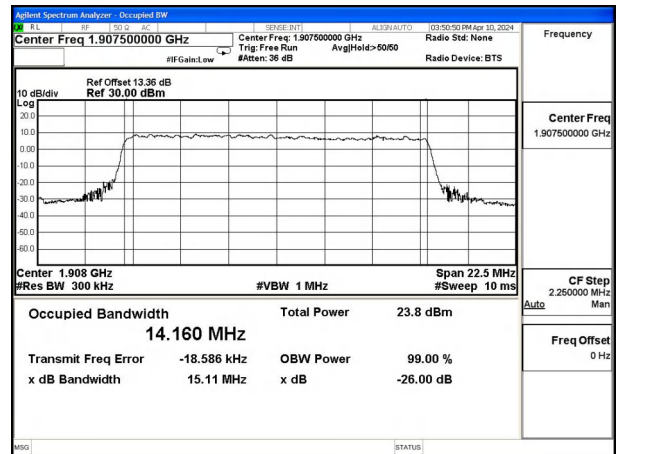


Fig.36

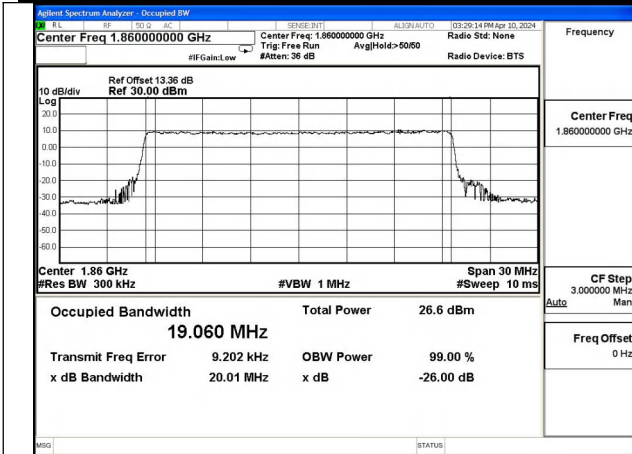


Fig.37

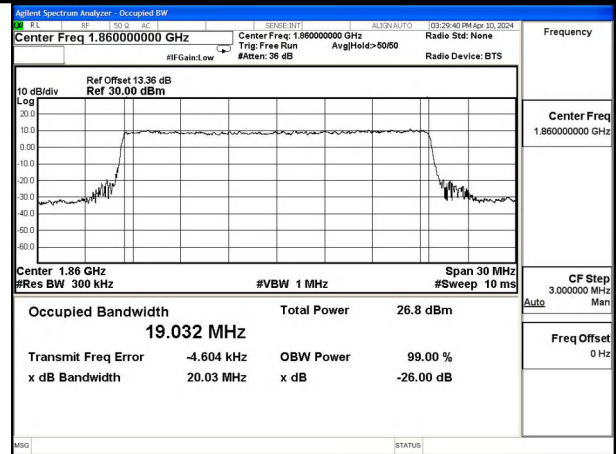


Fig.38

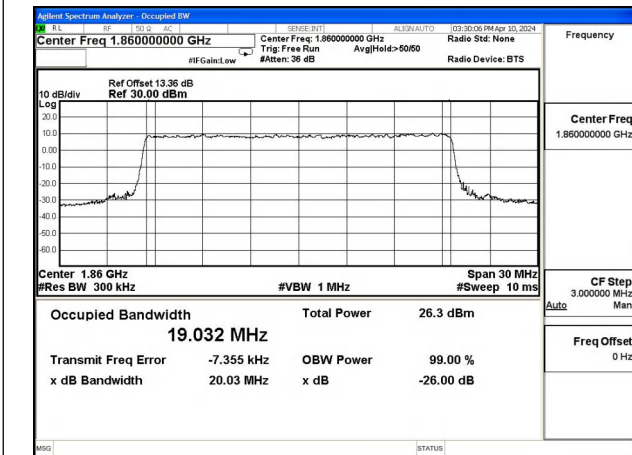


Fig.39

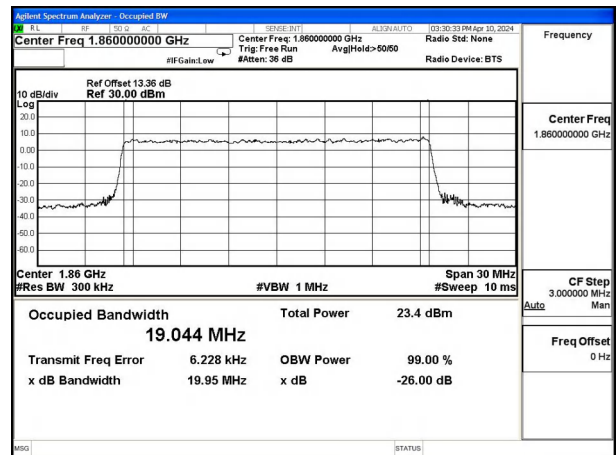


Fig.40

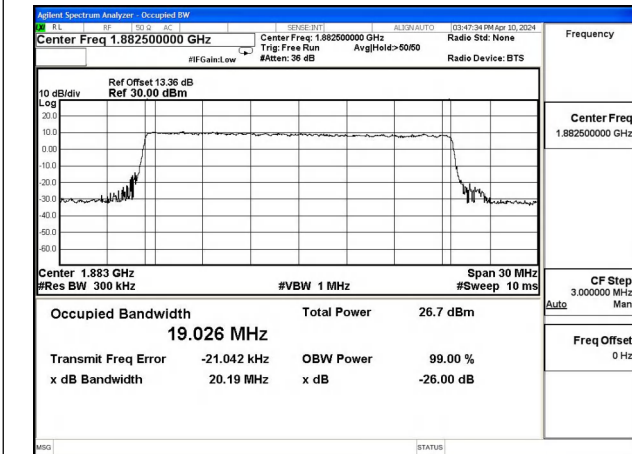


Fig.41

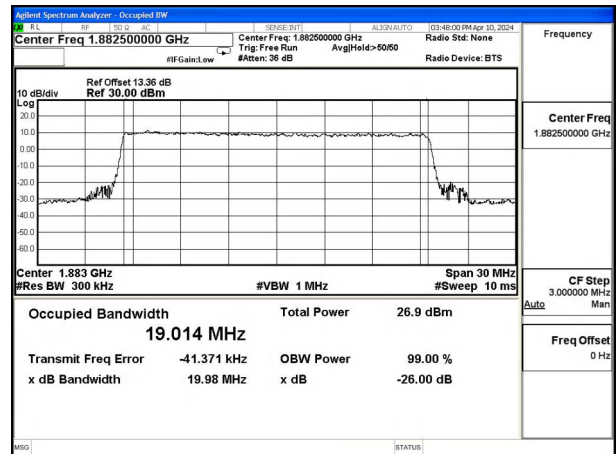


Fig.42

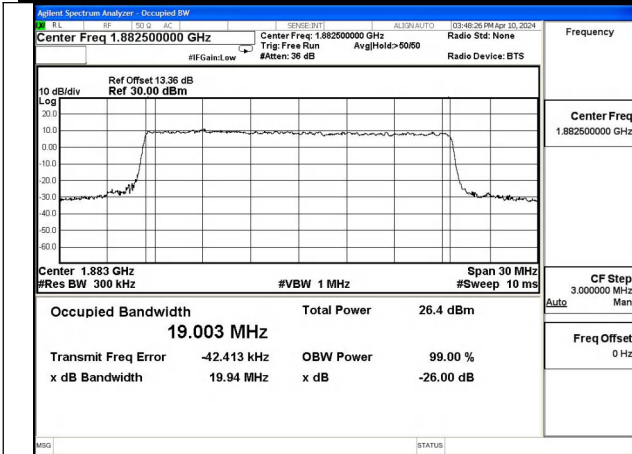


Fig.43

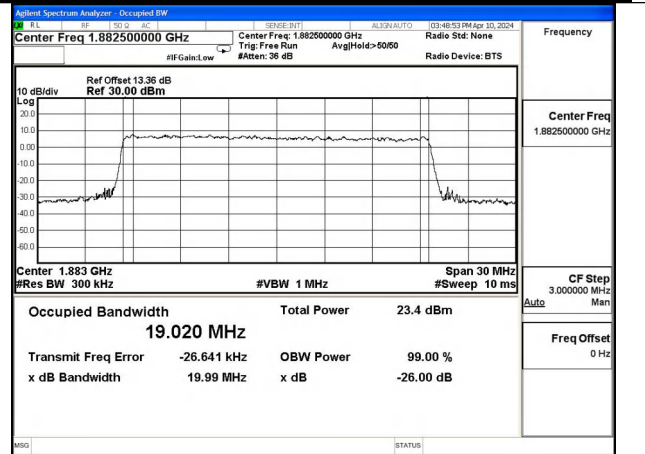


Fig.44

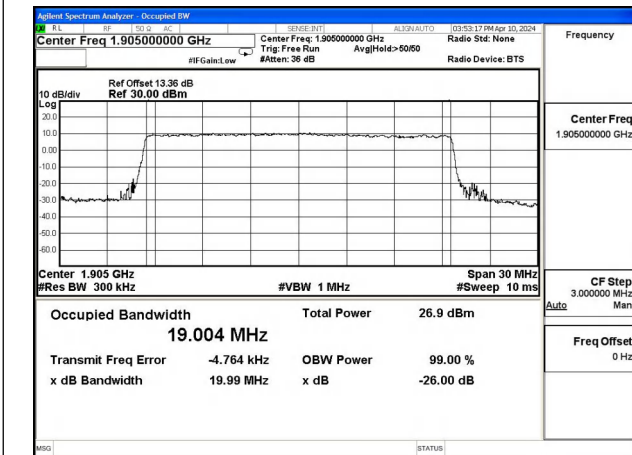


Fig.45

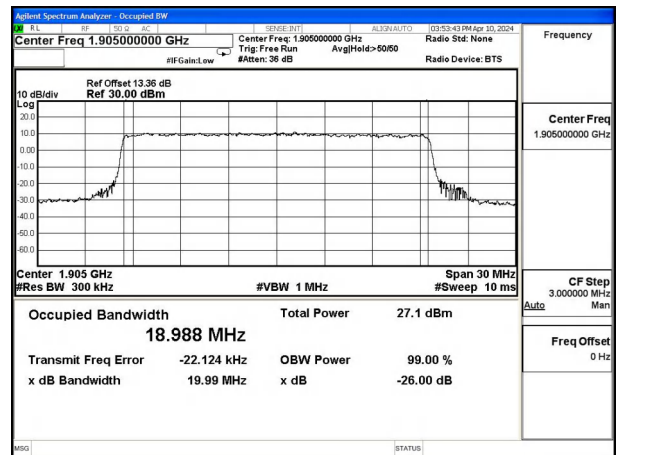


Fig.46

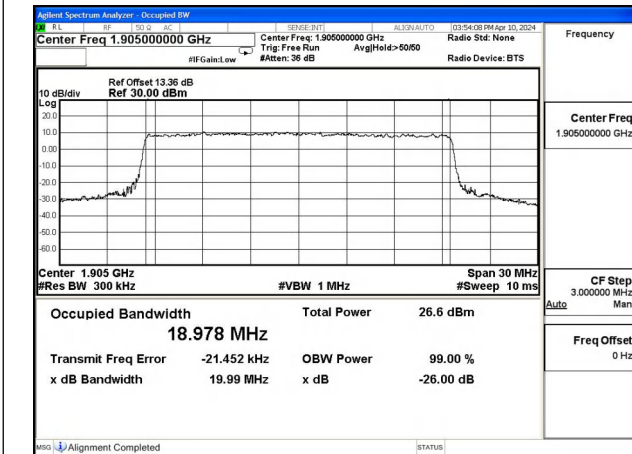


Fig.47

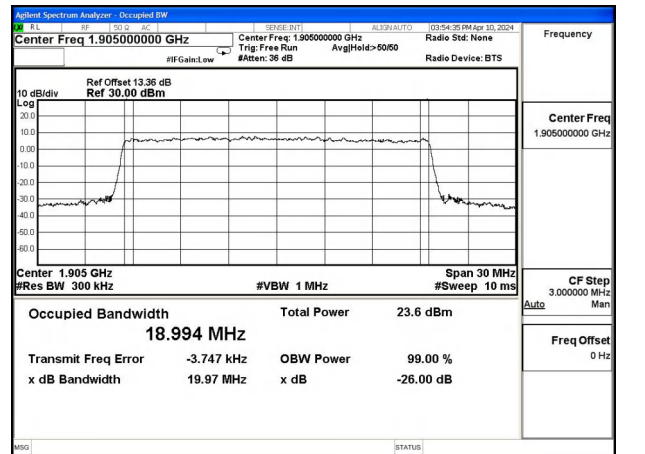


Fig.48

3 Emission Bandwidth

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB Power (MHz)	
CP-OFDM QPSK	1852.5	370500	5	25	0	5.160	Fig.1
CP-OFDM 16QAM	1852.5	370500	5	25	0	5.150	Fig.2
CP-OFDM 64QAM	1852.5	370500	5	25	0	5.100	Fig.3
CP-OFDM 256QAM	1852.5	370500	5	25	0	5.150	Fig.4
CP-OFDM QPSK	1882.5	376500	5	25	0	5.040	Fig.5
CP-OFDM 16QAM	1882.5	376500	5	25	0	5.180	Fig.6
CP-OFDM 64QAM	1882.5	376500	5	25	0	5.210	Fig.7
CP-OFDM 256QAM	1882.5	376500	5	25	0	5.130	Fig.8
CP-OFDM QPSK	1912.5	382500	5	25	0	5.230	Fig.9
CP-OFDM 16QAM	1912.5	382500	5	25	0	5.060	Fig.10
CP-OFDM 64QAM	1912.5	382500	5	25	0	5.140	Fig.11
CP-OFDM 256QAM	1912.5	382500	5	25	0	5.150	Fig.12
CP-OFDM QPSK	1855	371000	10	52	0	10.010	Fig.13
CP-OFDM 16QAM	1855	371000	10	52	0	9.930	Fig.14
CP-OFDM 64QAM	1855	371000	10	52	0	10.090	Fig.15
CP-OFDM 256QAM	1855	371000	10	52	0	10.050	Fig.16
CP-OFDM QPSK	1882.5	376500	10	52	0	10.010	Fig.17
CP-OFDM 16QAM	1882.5	376500	10	52	0	9.910	Fig.18
CP-OFDM 64QAM	1882.5	376500	10	52	0	9.980	Fig.19
CP-OFDM 256QAM	1882.5	376500	10	52	0	9.990	Fig.20
CP-OFDM QPSK	1910	382000	10	52	0	10.090	Fig.21
CP-OFDM 16QAM	1910	382000	10	52	0	10.080	Fig.22
CP-OFDM 64QAM	1910	382000	10	52	0	10.090	Fig.23
CP-OFDM 256QAM	1910	382000	10	52	0	10.120	Fig.24
CP-OFDM QPSK	1857.5	371500	15	79	0	15.060	Fig.25
CP-OFDM 16QAM	1857.5	371500	15	79	0	15.070	Fig.26
CP-OFDM 64QAM	1857.5	371500	15	79	0	15.140	Fig.27
CP-OFDM 256QAM	1857.5	371500	15	79	0	15.060	Fig.28
CP-OFDM QPSK	1882.5	376500	15	79	0	15.050	Fig.29
CP-OFDM 16QAM	1882.5	376500	15	79	0	15.060	Fig.30
CP-OFDM 64QAM	1882.5	376500	15	79	0	15.160	Fig.31
CP-OFDM 256QAM	1882.5	376500	15	79	0	15.130	Fig.32
CP-OFDM QPSK	1907.5	381500	15	79	0	15.050	Fig.33
CP-OFDM 16QAM	1907.5	381500	15	79	0	15.040	Fig.34
CP-OFDM 64QAM	1907.5	381500	15	79	0	15.530	Fig.35
CP-OFDM 256QAM	1907.5	381500	15	79	0	15.110	Fig.36
CP-OFDM QPSK	1860	372000	20	106	0	20.010	Fig.37
CP-OFDM 16QAM	1860	372000	20	106	0	20.030	Fig.38
CP-OFDM 64QAM	1860	372000	20	106	0	20.030	Fig.39
CP-OFDM 256QAM	1860	372000	20	106	0	19.950	Fig.40
CP-OFDM QPSK	1882.5	376500	20	106	0	20.190	Fig.41
CP-OFDM 16QAM	1882.5	376500	20	106	0	19.980	Fig.42
CP-OFDM 64QAM	1882.5	376500	20	106	0	19.940	Fig.43

CP-OFDM 256QAM	1882.5	376500	20	106	0	19.990	Fig.44
CP-OFDM QPSK	1905	381000	20	106	0	19.990	Fig.45
CP-OFDM 16QAM	1905	381000	20	106	0	19.980	Fig.46
CP-OFDM 64QAM	1905	381000	20	106	0	19.990	Fig.47
CP-OFDM 256QAM	1905	381000	20	106	0	19.970	Fig.48

Test Plot:

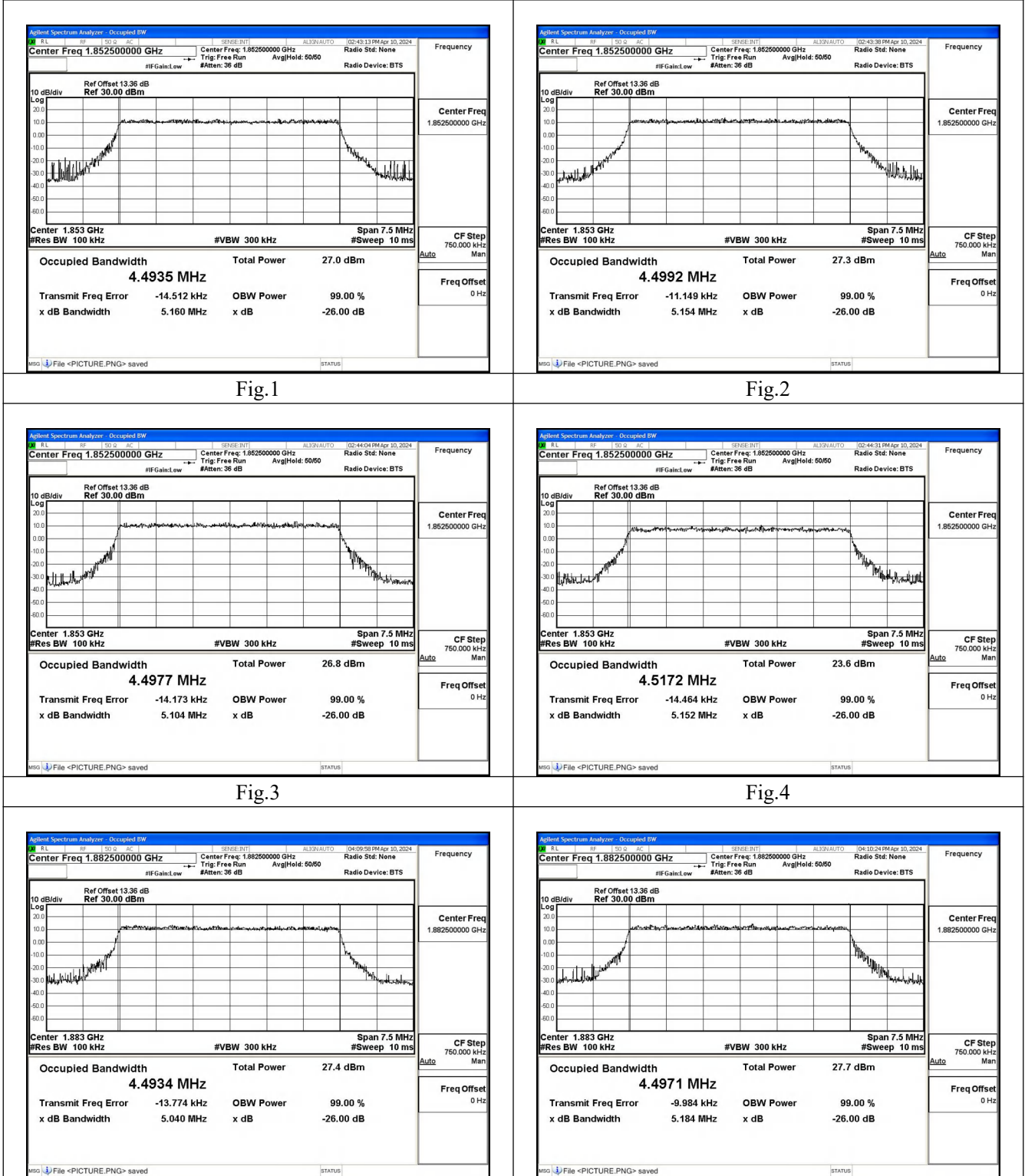


Fig.5

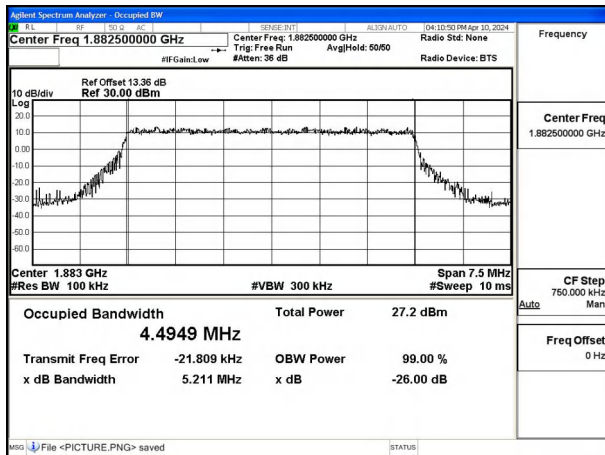


Fig.6

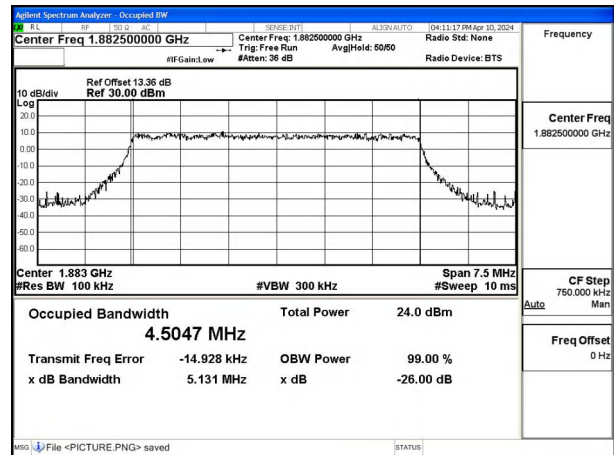


Fig.7

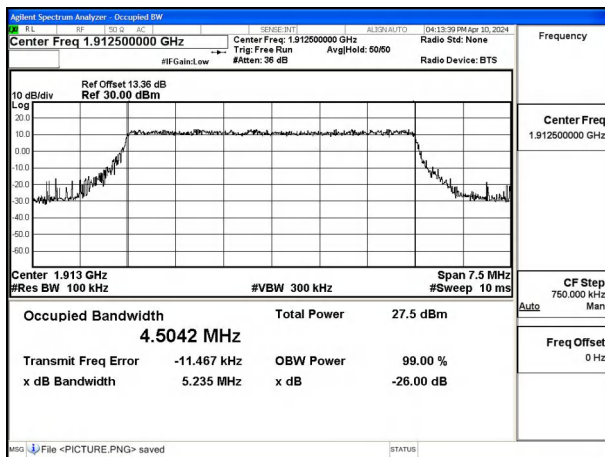


Fig.8

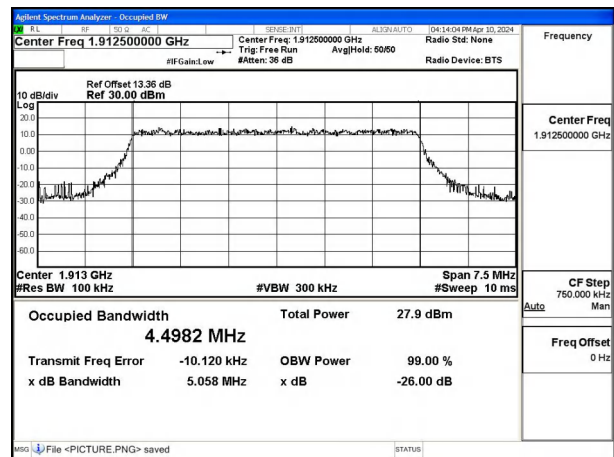


Fig.9

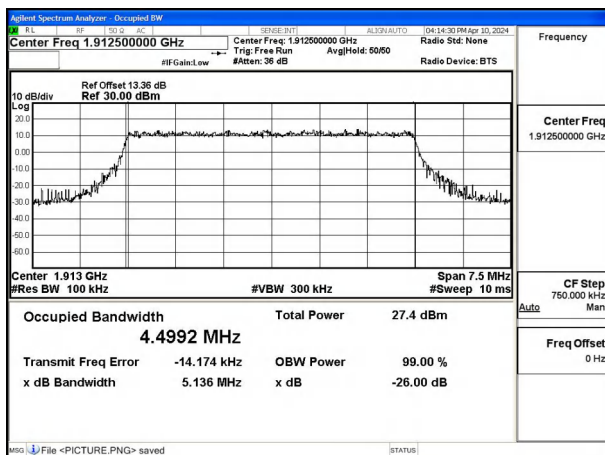


Fig.10

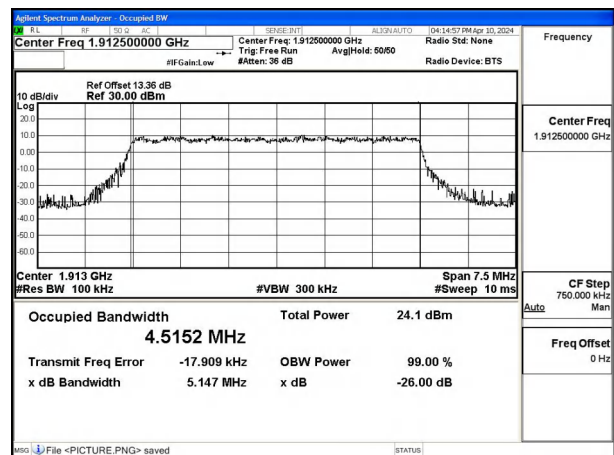


Fig.11

Fig.12

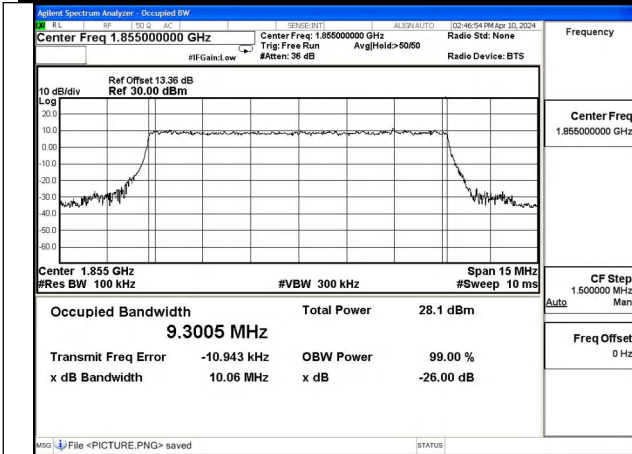


Fig.13

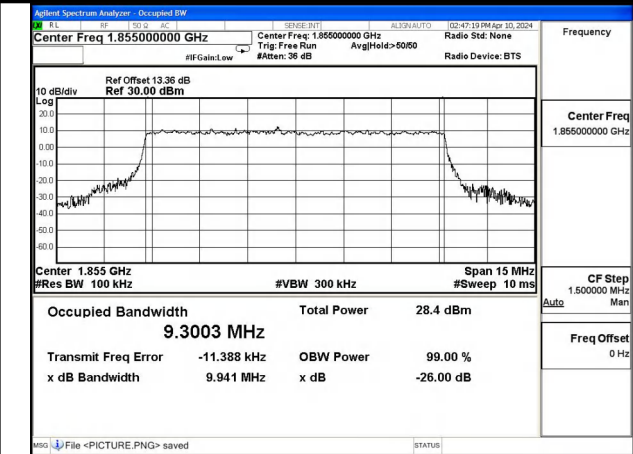


Fig.14

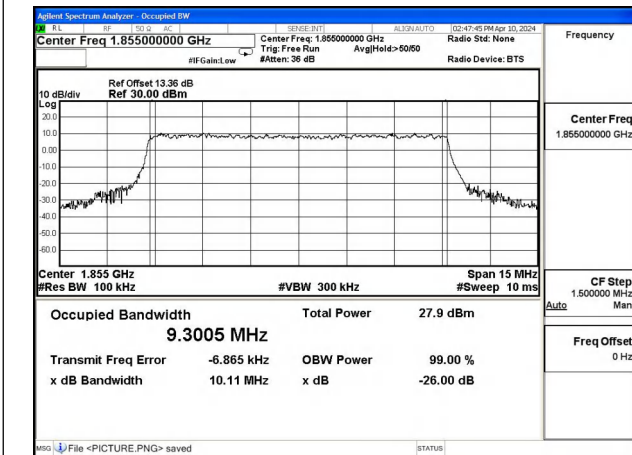


Fig.15

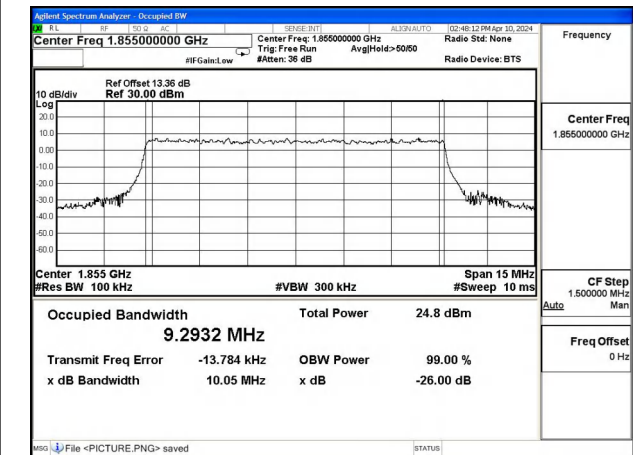


Fig.16

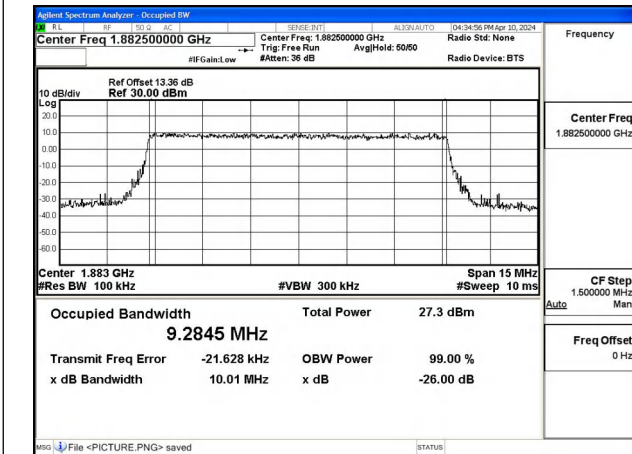


Fig.17

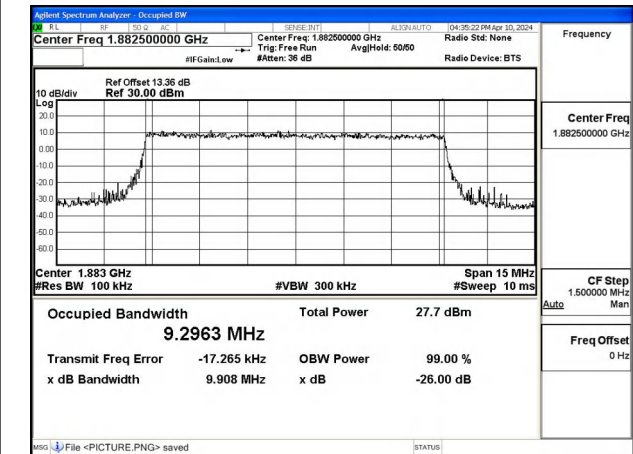


Fig.18