

**APPENDIX A – TEST DATA OF CONDUCTED EMISSION**

**N2 SA (For1850~1910)**

**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	23.85
DFT-s-OFDM PI/2 BPSK	1852.5	370500	5	1	1	22.25
DFT-s-OFDM PI/2 BPSK	1852.5	370500	5	1	23	23.68
DFT-s-OFDM QPSK	1852.5	370500	5	12	6	22.08
DFT-s-OFDM QPSK	1852.5	370500	5	1	1	22.47
DFT-s-OFDM QPSK	1852.5	370500	5	1	23	22.85
DFT-s-OFDM QPSK	1852.5	370500	5	12	6	22.30
DFT-s-OFDM QPSK	1852.5	370500	5	25	0	22.68
DFT-s-OFDM 16QAM	1852.5	370500	5	1	0	23.07
DFT-s-OFDM 16QAM	1852.5	370500	5	1	24	23.45
DFT-s-OFDM 16QAM	1852.5	370500	5	12	6	22.19
DFT-s-OFDM 16QAM	1852.5	370500	5	25	0	22.57
DFT-s-OFDM 64QAM	1852.5	370500	5	1	0	22.01
DFT-s-OFDM 64QAM	1852.5	370500	5	1	24	22.40
DFT-s-OFDM 64QAM	1852.5	370500	5	12	6	22.79
DFT-s-OFDM 64QAM	1852.5	370500	5	25	0	23.17
DFT-s-OFDM 256QAM	1852.5	370500	5	1	0	20.92
DFT-s-OFDM 256QAM	1852.5	370500	5	1	24	19.97
DFT-s-OFDM 256QAM	1852.5	370500	5	12	6	20.20
DFT-s-OFDM 256QAM	1852.5	370500	5	25	0	19.87
CP-OFDM QPSK	1852.5	370500	5	1	0	23.77
CP-OFDM QPSK	1852.5	370500	5	1	24	23.21
CP-OFDM QPSK	1852.5	370500	5	13	6	23.60
CP-OFDM QPSK	1852.5	370500	5	25	0	22.01
CP-OFDM 16QAM	1852.5	370500	5	1	0	22.72
CP-OFDM 16QAM	1852.5	370500	5	1	24	23.10
CP-OFDM 16QAM	1852.5	370500	5	13	6	23.49
CP-OFDM 16QAM	1852.5	370500	5	25	0	22.22
CP-OFDM 64QAM	1852.5	370500	5	1	0	22.61
CP-OFDM 64QAM	1852.5	370500	5	1	24	22.99
CP-OFDM 64QAM	1852.5	370500	5	13	6	22.43
CP-OFDM 64QAM	1852.5	370500	5	25	0	22.82
CP-OFDM 256QAM	1852.5	370500	5	1	0	20.10
CP-OFDM 256QAM	1852.5	370500	5	1	24	20.94
CP-OFDM 256QAM	1852.5	370500	5	13	6	19.99
CP-OFDM 256QAM	1852.5	370500	5	25	0	20.23
DFT-s-OFDM PI/2 BPSK	1880	376000	5	12	6	23.08
DFT-s-OFDM PI/2 BPSK	1880	376000	5	1	1	23.46
DFT-s-OFDM PI/2 BPSK	1880	376000	5	1	23	22.90
DFT-s-OFDM QPSK	1880	376000	5	12	6	23.29
DFT-s-OFDM QPSK	1880	376000	5	1	1	23.68

DFT-s-OFDM QPSK	1880	376000	5	1	23	22.08
DFT-s-OFDM QPSK	1880	376000	5	12	6	23.50
DFT-s-OFDM QPSK	1880	376000	5	25	0	23.18
DFT-s-OFDM 16QAM	1880	376000	5	1	0	22.62
DFT-s-OFDM 16QAM	1880	376000	5	1	24	23.01
DFT-s-OFDM 16QAM	1880	376000	5	12	6	22.12
DFT-s-OFDM 16QAM	1880	376000	5	25	0	22.51
DFT-s-OFDM 64QAM	1880	376000	5	1	0	22.90
DFT-s-OFDM 64QAM	1880	376000	5	1	24	23.28
DFT-s-OFDM 64QAM	1880	376000	5	12	6	22.01
DFT-s-OFDM 64QAM	1880	376000	5	25	0	22.40
DFT-s-OFDM 256QAM	1880	376000	5	1	0	20.89
DFT-s-OFDM 256QAM	1880	376000	5	1	24	19.94
DFT-s-OFDM 256QAM	1880	376000	5	12	6	20.17
DFT-s-OFDM 256QAM	1880	376000	5	25	0	20.40
CP-OFDM QPSK	1880	376000	5	1	0	22.44
CP-OFDM QPSK	1880	376000	5	1	24	22.12
CP-OFDM QPSK	1880	376000	5	13	6	22.50
CP-OFDM QPSK	1880	376000	5	25	0	23.93
CP-OFDM 16QAM	1880	376000	5	1	0	23.60
CP-OFDM 16QAM	1880	376000	5	1	24	23.04
CP-OFDM 16QAM	1880	376000	5	13	6	23.43
CP-OFDM 16QAM	1880	376000	5	25	0	23.82
CP-OFDM 64QAM	1880	376000	5	1	0	22.22
CP-OFDM 64QAM	1880	376000	5	1	24	23.64
CP-OFDM 64QAM	1880	376000	5	13	6	23.32
CP-OFDM 64QAM	1880	376000	5	25	0	23.71
CP-OFDM 256QAM	1880	376000	5	1	0	20.49
CP-OFDM 256QAM	1880	376000	5	1	24	20.72
CP-OFDM 256QAM	1880	376000	5	13	6	20.95
CP-OFDM 256QAM	1880	376000	5	25	0	20.00
DFT-s-OFDM PI/2 BPSK	1907.5	381500	5	12	6	22.91
DFT-s-OFDM PI/2 BPSK	1907.5	381500	5	1	1	23.29
DFT-s-OFDM PI/2 BPSK	1907.5	381500	5	1	23	22.73
DFT-s-OFDM QPSK	1907.5	381500	5	12	6	23.12
DFT-s-OFDM QPSK	1907.5	381500	5	1	1	23.51
DFT-s-OFDM QPSK	1907.5	381500	5	1	23	23.89
DFT-s-OFDM QPSK	1907.5	381500	5	12	6	23.33
DFT-s-OFDM QPSK	1907.5	381500	5	25	0	23.72
DFT-s-OFDM 16QAM	1907.5	381500	5	1	0	22.13
DFT-s-OFDM 16QAM	1907.5	381500	5	1	24	22.51
DFT-s-OFDM 16QAM	1907.5	381500	5	12	6	23.93
DFT-s-OFDM 16QAM	1907.5	381500	5	25	0	22.34
DFT-s-OFDM 64QAM	1907.5	381500	5	1	0	22.73
DFT-s-OFDM 64QAM	1907.5	381500	5	1	24	23.11
DFT-s-OFDM 64QAM	1907.5	381500	5	12	6	22.55

DFT-s-OFDM 64QAM	1907.5	381500	5	25	0	22.94
DFT-s-OFDM 256QAM	1907.5	381500	5	1	0	20.59
DFT-s-OFDM 256QAM	1907.5	381500	5	1	24	20.82
DFT-s-OFDM 256QAM	1907.5	381500	5	12	6	20.49
DFT-s-OFDM 256QAM	1907.5	381500	5	25	0	20.72
CP-OFDM QPSK	1907.5	381500	5	1	0	23.93
CP-OFDM QPSK	1907.5	381500	5	1	24	22.66
CP-OFDM QPSK	1907.5	381500	5	13	6	23.04
CP-OFDM QPSK	1907.5	381500	5	25	0	22.16
CP-OFDM 16QAM	1907.5	381500	5	1	0	22.55
CP-OFDM 16QAM	1907.5	381500	5	1	24	22.93
CP-OFDM 16QAM	1907.5	381500	5	13	6	22.38
CP-OFDM 16QAM	1907.5	381500	5	25	0	22.76
CP-OFDM 64QAM	1907.5	381500	5	1	0	23.15
CP-OFDM 64QAM	1907.5	381500	5	1	24	23.54
CP-OFDM 64QAM	1907.5	381500	5	13	6	22.98
CP-OFDM 64QAM	1907.5	381500	5	25	0	23.36
CP-OFDM 256QAM	1907.5	381500	5	1	0	20.84
CP-OFDM 256QAM	1907.5	381500	5	1	24	19.89
CP-OFDM 256QAM	1907.5	381500	5	13	6	20.74
CP-OFDM 256QAM	1907.5	381500	5	25	0	20.97

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	22.21
DFT-s-OFDM PI/2 BPSK	1855	371000	10	1	1	23.63
DFT-s-OFDM PI/2 BPSK	1855	371000	10	1	50	22.04
DFT-s-OFDM QPSK	1855	371000	10	25	12	22.43
DFT-s-OFDM QPSK	1855	371000	10	1	1	22.81
DFT-s-OFDM QPSK	1855	371000	10	1	50	23.52
DFT-s-OFDM QPSK	1855	371000	10	25	12	23.91
DFT-s-OFDM QPSK	1855	371000	10	50	0	22.32
DFT-s-OFDM 16QAM	1855	371000	10	1	0	23.74
DFT-s-OFDM 16QAM	1855	371000	10	1	51	22.14
DFT-s-OFDM 16QAM	1855	371000	10	25	12	22.53
DFT-s-OFDM 16QAM	1855	371000	10	50	0	22.92
DFT-s-OFDM 64QAM	1855	371000	10	1	0	22.36
DFT-s-OFDM 64QAM	1855	371000	10	1	51	22.74
DFT-s-OFDM 64QAM	1855	371000	10	25	12	23.13
DFT-s-OFDM 64QAM	1855	371000	10	50	0	23.84
DFT-s-OFDM 256QAM	1855	371000	10	1	0	19.95
DFT-s-OFDM 256QAM	1855	371000	10	1	51	20.18
DFT-s-OFDM 256QAM	1855	371000	10	25	12	19.85
DFT-s-OFDM 256QAM	1855	371000	10	50	0	20.08
CP-OFDM QPSK	1855	371000	10	1	0	22.14
CP-OFDM QPSK	1855	371000	10	1	51	23.56

CP-OFDM QPSK	1855	371000	10	26	13	23.95
CP-OFDM QPSK	1855	371000	10	52	0	22.35
CP-OFDM 16QAM	1855	371000	10	1	0	22.74
CP-OFDM 16QAM	1855	371000	10	1	51	23.45
CP-OFDM 16QAM	1855	371000	10	26	13	23.83
CP-OFDM 16QAM	1855	371000	10	52	0	23.28
CP-OFDM 64QAM	1855	371000	10	1	0	23.66
CP-OFDM 64QAM	1855	371000	10	1	51	22.07
CP-OFDM 64QAM	1855	371000	10	26	13	22.46
CP-OFDM 64QAM	1855	371000	10	52	0	23.88
CP-OFDM 256QAM	1855	371000	10	1	0	20.73
CP-OFDM 256QAM	1855	371000	10	1	51	20.96
CP-OFDM 256QAM	1855	371000	10	26	13	20.62
CP-OFDM 256QAM	1855	371000	10	52	0	20.85
DFT-s-OFDM PI/2 BPSK	1880	376000	10	25	12	22.15
DFT-s-OFDM PI/2 BPSK	1880	376000	10	1	1	22.54
DFT-s-OFDM PI/2 BPSK	1880	376000	10	1	50	22.93
DFT-s-OFDM QPSK	1880	376000	10	25	12	22.37
DFT-s-OFDM QPSK	1880	376000	10	1	1	22.75
DFT-s-OFDM QPSK	1880	376000	10	1	50	23.14
DFT-s-OFDM QPSK	1880	376000	10	25	12	23.53
DFT-s-OFDM QPSK	1880	376000	10	50	0	22.97
DFT-s-OFDM 16QAM	1880	376000	10	1	0	23.35
DFT-s-OFDM 16QAM	1880	376000	10	1	51	23.74
DFT-s-OFDM 16QAM	1880	376000	10	25	12	22.15
DFT-s-OFDM 16QAM	1880	376000	10	50	0	23.57
DFT-s-OFDM 64QAM	1880	376000	10	1	0	23.95
DFT-s-OFDM 64QAM	1880	376000	10	1	51	22.68
DFT-s-OFDM 64QAM	1880	376000	10	25	12	23.07
DFT-s-OFDM 64QAM	1880	376000	10	50	0	23.46
DFT-s-OFDM 256QAM	1880	376000	10	1	0	20.90
DFT-s-OFDM 256QAM	1880	376000	10	1	51	20.57
DFT-s-OFDM 256QAM	1880	376000	10	25	12	20.80
DFT-s-OFDM 256QAM	1880	376000	10	50	0	19.85
CP-OFDM QPSK	1880	376000	10	1	0	22.79
CP-OFDM QPSK	1880	376000	10	1	51	23.17
CP-OFDM QPSK	1880	376000	10	26	13	23.56
CP-OFDM QPSK	1880	376000	10	52	0	23.95
CP-OFDM 16QAM	1880	376000	10	1	0	23.39
CP-OFDM 16QAM	1880	376000	10	1	51	23.77
CP-OFDM 16QAM	1880	376000	10	26	13	22.18
CP-OFDM 16QAM	1880	376000	10	52	0	22.57
CP-OFDM 64QAM	1880	376000	10	1	0	22.01
CP-OFDM 64QAM	1880	376000	10	1	51	22.39
CP-OFDM 64QAM	1880	376000	10	26	13	22.78
CP-OFDM 64QAM	1880	376000	10	52	0	23.17

CP-OFDM 256QAM	1880	376000	10	1	0	20.92
CP-OFDM 256QAM	1880	376000	10	1	51	19.97
CP-OFDM 256QAM	1880	376000	10	26	13	20.82
CP-OFDM 256QAM	1880	376000	10	52	0	19.87
DFT-s-OFDM PI/2 BPSK	1905	381000	10	25	12	23.47
DFT-s-OFDM PI/2 BPSK	1905	381000	10	1	1	23.85
DFT-s-OFDM PI/2 BPSK	1905	381000	10	1	50	23.29
DFT-s-OFDM QPSK	1905	381000	10	25	12	23.68
DFT-s-OFDM QPSK	1905	381000	10	1	1	22.09
DFT-s-OFDM QPSK	1905	381000	10	1	50	22.47
DFT-s-OFDM QPSK	1905	381000	10	25	12	23.89
DFT-s-OFDM QPSK	1905	381000	10	50	0	22.30
DFT-s-OFDM 16QAM	1905	381000	10	1	0	22.69
DFT-s-OFDM 16QAM	1905	381000	10	1	51	23.07
DFT-s-OFDM 16QAM	1905	381000	10	25	12	22.19
DFT-s-OFDM 16QAM	1905	381000	10	50	0	22.90
DFT-s-OFDM 64QAM	1905	381000	10	1	0	23.29
DFT-s-OFDM 64QAM	1905	381000	10	1	51	22.40
DFT-s-OFDM 64QAM	1905	381000	10	25	12	23.11
DFT-s-OFDM 64QAM	1905	381000	10	50	0	23.18
DFT-s-OFDM 256QAM	1905	381000	10	1	0	20.17
DFT-s-OFDM 256QAM	1905	381000	10	1	51	20.40
DFT-s-OFDM 256QAM	1905	381000	10	25	12	20.63
DFT-s-OFDM 256QAM	1905	381000	10	50	0	19.87
CP-OFDM QPSK	1905	381000	10	1	0	22.51
CP-OFDM QPSK	1905	381000	10	1	51	22.89
CP-OFDM QPSK	1905	381000	10	26	13	22.01
CP-OFDM QPSK	1905	381000	10	52	0	22.72
CP-OFDM 16QAM	1905	381000	10	1	0	23.82
CP-OFDM 16QAM	1905	381000	10	1	51	22.22
CP-OFDM 16QAM	1905	381000	10	26	13	22.61
CP-OFDM 16QAM	1905	381000	10	52	0	23.00
CP-OFDM 64QAM	1905	381000	10	1	0	22.44
CP-OFDM 64QAM	1905	381000	10	1	51	22.82
CP-OFDM 64QAM	1905	381000	10	26	13	23.21
CP-OFDM 64QAM	1905	381000	10	52	0	23.60
CP-OFDM 256QAM	1905	381000	10	1	0	20.42
CP-OFDM 256QAM	1905	381000	10	1	51	20.65
CP-OFDM 256QAM	1905	381000	10	26	13	20.88
CP-OFDM 256QAM	1905	381000	10	52	0	19.93

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	23.98
DFT-s-OFDM PI/2 BPSK	1857.5	371500	15	1	1	22.39
DFT-s-OFDM PI/2 BPSK	1857.5	371500	15	1	77	22.77

DFT-s-OFDM QPSK	1857.5	371500	15	36	18	23.48
DFT-s-OFDM QPSK	1857.5	371500	15	1	1	23.87
DFT-s-OFDM QPSK	1857.5	371500	15	1	77	22.28
DFT-s-OFDM QPSK	1857.5	371500	15	36	18	23.70
DFT-s-OFDM QPSK	1857.5	371500	15	75	0	22.10
DFT-s-OFDM 16QAM	1857.5	371500	15	1	0	22.49
DFT-s-OFDM 16QAM	1857.5	371500	15	1	78	22.88
DFT-s-OFDM 16QAM	1857.5	371500	15	36	18	22.32
DFT-s-OFDM 16QAM	1857.5	371500	15	75	0	23.97
DFT-s-OFDM 64QAM	1857.5	371500	15	1	0	22.38
DFT-s-OFDM 64QAM	1857.5	371500	15	1	78	23.80
DFT-s-OFDM 64QAM	1857.5	371500	15	36	18	22.21
DFT-s-OFDM 64QAM	1857.5	371500	15	75	0	22.59
DFT-s-OFDM 256QAM	1857.5	371500	15	1	0	20.39
DFT-s-OFDM 256QAM	1857.5	371500	15	1	78	20.05
DFT-s-OFDM 256QAM	1857.5	371500	15	36	18	19.86
DFT-s-OFDM 256QAM	1857.5	371500	15	75	0	20.71
CP-OFDM QPSK	1857.5	371500	15	1	0	23.90
CP-OFDM QPSK	1857.5	371500	15	1	78	22.31
CP-OFDM QPSK	1857.5	371500	15	39	19	22.70
CP-OFDM QPSK	1857.5	371500	15	79	0	22.14
CP-OFDM 16QAM	1857.5	371500	15	1	0	22.52
CP-OFDM 16QAM	1857.5	371500	15	1	78	22.91
CP-OFDM 16QAM	1857.5	371500	15	39	19	23.62
CP-OFDM 16QAM	1857.5	371500	15	79	0	22.03
CP-OFDM 64QAM	1857.5	371500	15	1	0	22.41
CP-OFDM 64QAM	1857.5	371500	15	1	78	22.80
CP-OFDM 64QAM	1857.5	371500	15	39	19	23.51
CP-OFDM 64QAM	1857.5	371500	15	79	0	23.90
CP-OFDM 256QAM	1857.5	371500	15	1	0	20.60
CP-OFDM 256QAM	1857.5	371500	15	1	78	20.41
CP-OFDM 256QAM	1857.5	371500	15	39	19	20.64
CP-OFDM 256QAM	1857.5	371500	15	79	0	20.30
DFT-s-OFDM PI/2 BPSK	1880	376000	15	36	18	22.89
DFT-s-OFDM PI/2 BPSK	1880	376000	15	1	1	22.33
DFT-s-OFDM PI/2 BPSK	1880	376000	15	1	77	22.71
DFT-s-OFDM QPSK	1880	376000	15	36	18	23.10
DFT-s-OFDM QPSK	1880	376000	15	1	1	23.49
DFT-s-OFDM QPSK	1880	376000	15	1	77	22.93
DFT-s-OFDM QPSK	1880	376000	15	36	18	23.31
DFT-s-OFDM QPSK	1880	376000	15	75	0	23.70
DFT-s-OFDM 16QAM	1880	376000	15	1	0	22.11
DFT-s-OFDM 16QAM	1880	376000	15	1	78	23.91
DFT-s-OFDM 16QAM	1880	376000	15	36	18	22.32
DFT-s-OFDM 16QAM	1880	376000	15	75	0	22.71
DFT-s-OFDM 64QAM	1880	376000	15	1	0	22.15

DFT-s-OFDM 64QAM	1880	376000	15	1	78	23.80
DFT-s-OFDM 64QAM	1880	376000	15	36	18	22.21
DFT-s-OFDM 64QAM	1880	376000	15	75	0	23.63
DFT-s-OFDM 256QAM	1880	376000	15	1	0	19.82
DFT-s-OFDM 256QAM	1880	376000	15	1	78	20.05
DFT-s-OFDM 256QAM	1880	376000	15	36	18	20.28
DFT-s-OFDM 256QAM	1880	376000	15	75	0	19.95
CP-OFDM QPSK	1880	376000	15	1	0	22.64
CP-OFDM QPSK	1880	376000	15	1	78	23.02
CP-OFDM QPSK	1880	376000	15	39	19	23.41
CP-OFDM QPSK	1880	376000	15	79	0	22.85
CP-OFDM 16QAM	1880	376000	15	1	0	22.53
CP-OFDM 16QAM	1880	376000	15	1	78	23.62
CP-OFDM 16QAM	1880	376000	15	39	19	22.35
CP-OFDM 16QAM	1880	376000	15	79	0	22.74
CP-OFDM 64QAM	1880	376000	15	1	0	23.13
CP-OFDM 64QAM	1880	376000	15	1	78	22.57
CP-OFDM 64QAM	1880	376000	15	39	19	22.95
CP-OFDM 64QAM	1880	376000	15	79	0	23.34
CP-OFDM 256QAM	1880	376000	15	1	0	20.83
CP-OFDM 256QAM	1880	376000	15	1	78	20.50
CP-OFDM 256QAM	1880	376000	15	39	19	20.73
CP-OFDM 256QAM	1880	376000	15	79	0	20.96
DFT-s-OFDM PI/2 BPSK	1902.5	380500	15	36	18	23.14
DFT-s-OFDM PI/2 BPSK	1902.5	380500	15	1	1	23.53
DFT-s-OFDM PI/2 BPSK	1902.5	380500	15	1	77	23.92
DFT-s-OFDM QPSK	1902.5	380500	15	36	18	23.36
DFT-s-OFDM QPSK	1902.5	380500	15	1	1	23.74
DFT-s-OFDM QPSK	1902.5	380500	15	1	77	22.15
DFT-s-OFDM QPSK	1902.5	380500	15	36	18	22.54
DFT-s-OFDM QPSK	1902.5	380500	15	75	0	23.96
DFT-s-OFDM 16QAM	1902.5	380500	15	1	0	22.36
DFT-s-OFDM 16QAM	1902.5	380500	15	1	78	22.75
DFT-s-OFDM 16QAM	1902.5	380500	15	36	18	23.85
DFT-s-OFDM 16QAM	1902.5	380500	15	75	0	22.25
DFT-s-OFDM 64QAM	1902.5	380500	15	1	0	22.64
DFT-s-OFDM 64QAM	1902.5	380500	15	1	78	22.08
DFT-s-OFDM 64QAM	1902.5	380500	15	36	18	22.47
DFT-s-OFDM 64QAM	1902.5	380500	15	75	0	22.85
DFT-s-OFDM 256QAM	1902.5	380500	15	1	0	20.54
DFT-s-OFDM 256QAM	1902.5	380500	15	1	78	20.21
DFT-s-OFDM 256QAM	1902.5	380500	15	36	18	20.44
DFT-s-OFDM 256QAM	1902.5	380500	15	75	0	20.67
CP-OFDM QPSK	1902.5	380500	15	1	0	23.84
CP-OFDM QPSK	1902.5	380500	15	1	78	23.28
CP-OFDM QPSK	1902.5	380500	15	39	19	23.67

CP-OFDM QPSK	1902.5	380500	15	79	0	22.07
CP-OFDM 16QAM	1902.5	380500	15	1	0	23.17
CP-OFDM 16QAM	1902.5	380500	15	1	78	23.56
CP-OFDM 16QAM	1902.5	380500	15	39	19	23.00
CP-OFDM 16QAM	1902.5	380500	15	79	0	23.38
CP-OFDM 64QAM	1902.5	380500	15	1	0	23.77
CP-OFDM 64QAM	1902.5	380500	15	1	78	22.18
CP-OFDM 64QAM	1902.5	380500	15	39	19	23.60
CP-OFDM 64QAM	1902.5	380500	15	79	0	23.98
CP-OFDM 256QAM	1902.5	380500	15	1	0	20.03
CP-OFDM 256QAM	1902.5	380500	15	1	78	20.27
CP-OFDM 256QAM	1902.5	380500	15	39	19	20.92
CP-OFDM 256QAM	1902.5	380500	15	79	0	19.97

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	22.35
DFT-s-OFDM PI/2 BPSK	1860	372000	20	1	1	22.73
DFT-s-OFDM PI/2 BPSK	1860	372000	20	1	104	23.44
DFT-s-OFDM QPSK	1860	372000	20	50	25	23.83
DFT-s-OFDM QPSK	1860	372000	20	1	1	22.24
DFT-s-OFDM QPSK	1860	372000	20	1	104	22.62
DFT-s-OFDM QPSK	1860	372000	20	50	25	22.06
DFT-s-OFDM QPSK	1860	372000	20	100	0	22.45
DFT-s-OFDM 16QAM	1860	372000	20	1	0	22.84
DFT-s-OFDM 16QAM	1860	372000	20	1	105	23.22
DFT-s-OFDM 16QAM	1860	372000	20	50	25	22.66
DFT-s-OFDM 16QAM	1860	372000	20	100	0	23.05
DFT-s-OFDM 64QAM	1860	372000	20	1	0	23.44
DFT-s-OFDM 64QAM	1860	372000	20	1	105	23.82
DFT-s-OFDM 64QAM	1860	372000	20	50	25	23.26
DFT-s-OFDM 64QAM	1860	372000	20	100	0	23.65
DFT-s-OFDM 256QAM	1860	372000	20	1	0	19.84
DFT-s-OFDM 256QAM	1860	372000	20	1	105	20.07
DFT-s-OFDM 256QAM	1860	372000	20	50	25	20.91
DFT-s-OFDM 256QAM	1860	372000	20	100	0	19.96
CP-OFDM QPSK	1860	372000	20	1	0	22.66
CP-OFDM QPSK	1860	372000	20	1	105	23.04
CP-OFDM QPSK	1860	372000	20	53	26	22.48
CP-OFDM QPSK	1860	372000	20	106	0	22.16
CP-OFDM 16QAM	1860	372000	20	1	0	23.58
CP-OFDM 16QAM	1860	372000	20	1	105	23.97
CP-OFDM 16QAM	1860	372000	20	53	26	22.37
CP-OFDM 16QAM	1860	372000	20	106	0	22.76
CP-OFDM 64QAM	1860	372000	20	1	0	22.20
CP-OFDM 64QAM	1860	372000	20	1	105	22.59



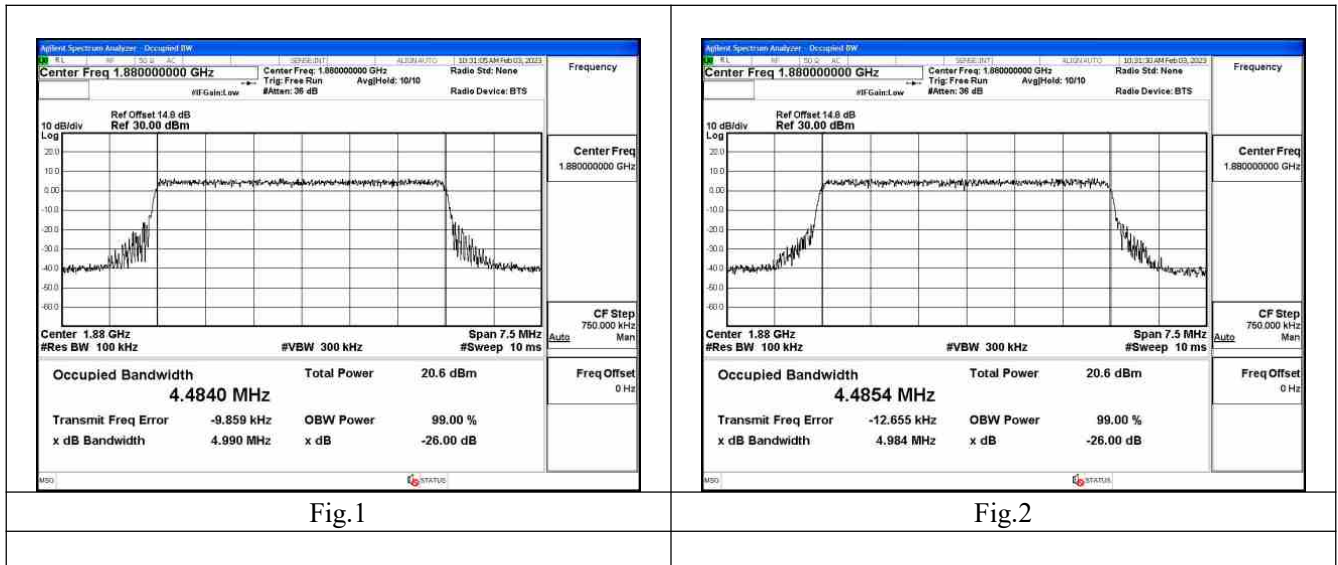
CP-OFDM 64QAM	1860	372000	20	53	26	22.97
CP-OFDM 64QAM	1860	372000	20	106	0	23.36
CP-OFDM 256QAM	1860	372000	20	1	0	20.28
CP-OFDM 256QAM	1860	372000	20	1	105	20.09
CP-OFDM 256QAM	1860	372000	20	53	26	20.32
CP-OFDM 256QAM	1860	372000	20	106	0	19.98
DFT-s-OFDM PI/2 BPSK	1880	376000	20	50	25	23.44
DFT-s-OFDM PI/2 BPSK	1880	376000	20	1	1	23.83
DFT-s-OFDM PI/2 BPSK	1880	376000	20	1	104	23.27
DFT-s-OFDM QPSK	1880	376000	20	50	25	23.66
DFT-s-OFDM QPSK	1880	376000	20	1	1	22.06
DFT-s-OFDM QPSK	1880	376000	20	1	104	22.45
DFT-s-OFDM QPSK	1880	376000	20	50	25	23.87
DFT-s-OFDM QPSK	1880	376000	20	100	0	23.55
DFT-s-OFDM 16QAM	1880	376000	20	1	0	22.66
DFT-s-OFDM 16QAM	1880	376000	20	1	105	23.38
DFT-s-OFDM 16QAM	1880	376000	20	50	25	23.76
DFT-s-OFDM 16QAM	1880	376000	20	100	0	22.17
DFT-s-OFDM 64QAM	1880	376000	20	1	0	23.59
DFT-s-OFDM 64QAM	1880	376000	20	1	105	23.98
DFT-s-OFDM 64QAM	1880	376000	20	50	25	22.38
DFT-s-OFDM 64QAM	1880	376000	20	100	0	22.77
DFT-s-OFDM 256QAM	1880	376000	20	1	0	19.93
DFT-s-OFDM 256QAM	1880	376000	20	1	105	20.16
DFT-s-OFDM 256QAM	1880	376000	20	50	25	19.96
DFT-s-OFDM 256QAM	1880	376000	20	100	0	20.81
CP-OFDM QPSK	1880	376000	20	1	0	22.10
CP-OFDM QPSK	1880	376000	20	1	105	22.49
CP-OFDM QPSK	1880	376000	20	53	26	22.87
CP-OFDM QPSK	1880	376000	20	106	0	22.31
CP-OFDM 16QAM	1880	376000	20	1	0	22.70
CP-OFDM 16QAM	1880	376000	20	1	105	23.09
CP-OFDM 16QAM	1880	376000	20	53	26	23.47
CP-OFDM 16QAM	1880	376000	20	106	0	22.91
CP-OFDM 64QAM	1880	376000	20	1	0	23.30
CP-OFDM 64QAM	1880	376000	20	1	105	23.69
CP-OFDM 64QAM	1880	376000	20	53	26	22.09
CP-OFDM 64QAM	1880	376000	20	106	0	23.51
CP-OFDM 256QAM	1880	376000	20	1	0	20.93
CP-OFDM 256QAM	1880	376000	20	1	105	19.98
CP-OFDM 256QAM	1880	376000	20	53	26	20.21
CP-OFDM 256QAM	1880	376000	20	106	0	19.88
DFT-s-OFDM PI/2 BPSK	1900	380000	20	50	25	22.82
DFT-s-OFDM PI/2 BPSK	1900	380000	20	1	1	23.20
DFT-s-OFDM PI/2 BPSK	1900	380000	20	1	104	23.59
DFT-s-OFDM QPSK	1900	380000	20	50	25	23.98

DFT-s-OFDM QPSK	1900	380000	20	1	1	23.42
DFT-s-OFDM QPSK	1900	380000	20	1	104	23.81
DFT-s-OFDM QPSK	1900	380000	20	50	25	22.92
DFT-s-OFDM QPSK	1900	380000	20	100	0	23.31
DFT-s-OFDM 16QAM	1900	380000	20	1	0	23.69
DFT-s-OFDM 16QAM	1900	380000	20	1	105	22.10
DFT-s-OFDM 16QAM	1900	380000	20	50	25	23.52
DFT-s-OFDM 16QAM	1900	380000	20	100	0	23.91
DFT-s-OFDM 64QAM	1900	380000	20	1	0	23.03
DFT-s-OFDM 64QAM	1900	380000	20	1	105	23.41
DFT-s-OFDM 64QAM	1900	380000	20	50	25	23.80
DFT-s-OFDM 64QAM	1900	380000	20	100	0	23.24
DFT-s-OFDM 256QAM	1900	380000	20	1	0	20.77
DFT-s-OFDM 256QAM	1900	380000	20	1	105	19.82
DFT-s-OFDM 256QAM	1900	380000	20	50	25	20.05
DFT-s-OFDM 256QAM	1900	380000	20	100	0	20.71
CP-OFDM QPSK	1900	380000	20	1	0	23.90
CP-OFDM QPSK	1900	380000	20	1	105	23.34
CP-OFDM QPSK	1900	380000	20	53	26	23.73
CP-OFDM QPSK	1900	380000	20	106	0	22.14
CP-OFDM 16QAM	1900	380000	20	1	0	23.23
CP-OFDM 16QAM	1900	380000	20	1	105	23.62
CP-OFDM 16QAM	1900	380000	20	53	26	23.06
CP-OFDM 16QAM	1900	380000	20	106	0	23.45
CP-OFDM 64QAM	1900	380000	20	1	0	23.83
CP-OFDM 64QAM	1900	380000	20	1	105	22.24
CP-OFDM 64QAM	1900	380000	20	53	26	23.66
CP-OFDM 64QAM	1900	380000	20	106	0	23.72
CP-OFDM 256QAM	1900	380000	20	1	0	20.50
CP-OFDM 256QAM	1900	380000	20	1	105	20.73
CP-OFDM 256QAM	1900	380000	20	53	26	20.96
CP-OFDM 256QAM	1900	380000	20	106	0	20.01

## 2 Occupied Bandwidth

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
CP-OFDM QPSK	1880	376000	5	25	0	4.480	Fig.1
CP-OFDM 16QAM	1880	376000	5	25	0	4.490	Fig.2
CP-OFDM 64QAM	1880	376000	5	25	0	4.490	Fig.3
CP-OFDM 256QAM	1880	376000	5	25	0	4.490	Fig.4
CP-OFDM QPSK	1880	376000	10	52	0	9.280	Fig.5
CP-OFDM 16QAM	1880	376000	10	52	0	9.280	Fig.6
CP-OFDM 64QAM	1880	376000	10	52	0	9.280	Fig.7
CP-OFDM 256QAM	1880	376000	10	52	0	9.270	Fig.8
CP-OFDM QPSK	1880	376000	15	79	0	14.100	Fig.9
CP-OFDM 16QAM	1880	376000	15	79	0	14.080	Fig.10
CP-OFDM 64QAM	1880	376000	15	79	0	14.080	Fig.11
CP-OFDM 256QAM	1880	376000	15	79	0	14.060	Fig.12
CP-OFDM QPSK	1880	376000	20	106	0	18.910	Fig.13
CP-OFDM 16QAM	1880	376000	20	106	0	18.890	Fig.14
CP-OFDM 64QAM	1880	376000	20	106	0	18.910	Fig.15
CP-OFDM 256QAM	1880	376000	20	106	0	18.910	Fig.16

Test Plot:



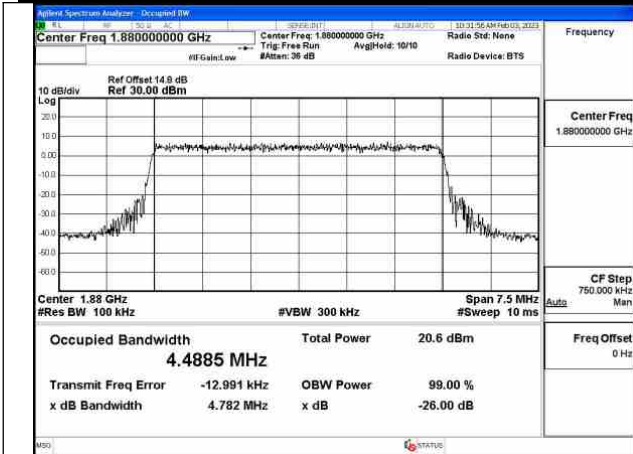


Fig.3

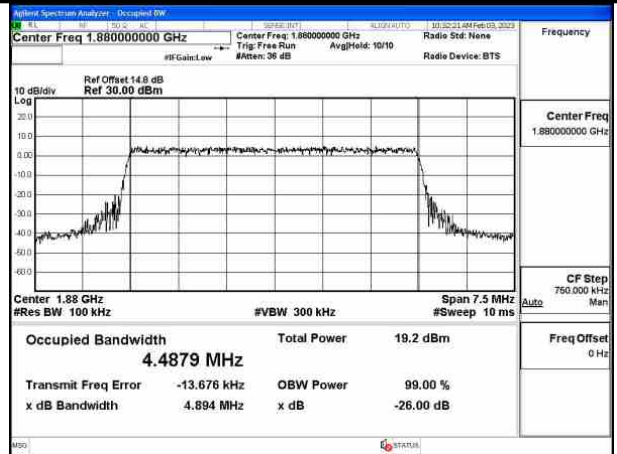


Fig.4

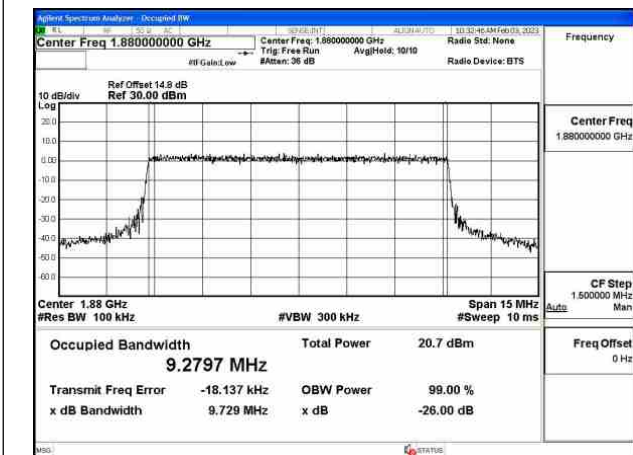


Fig.5

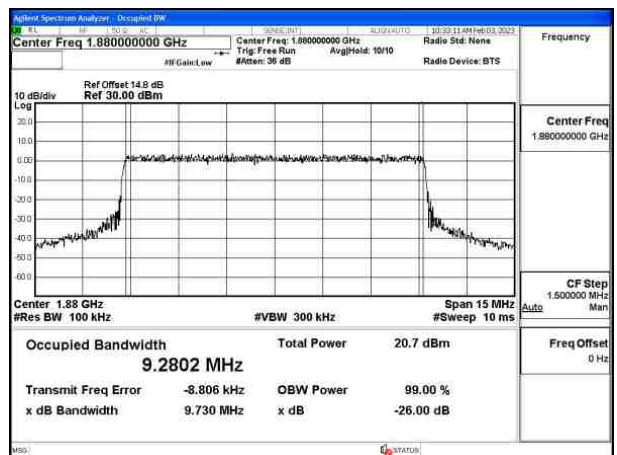


Fig.6

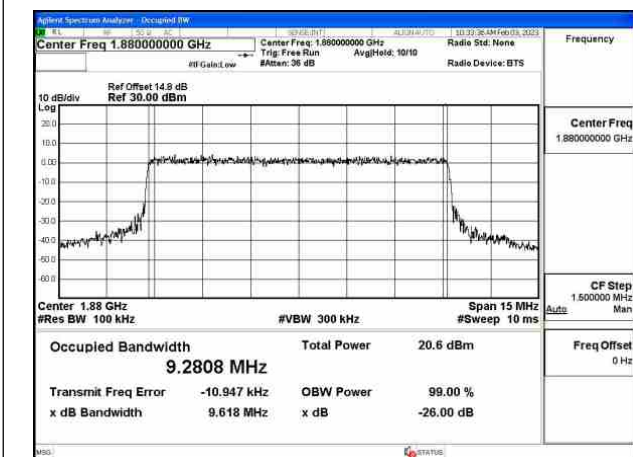


Fig.7

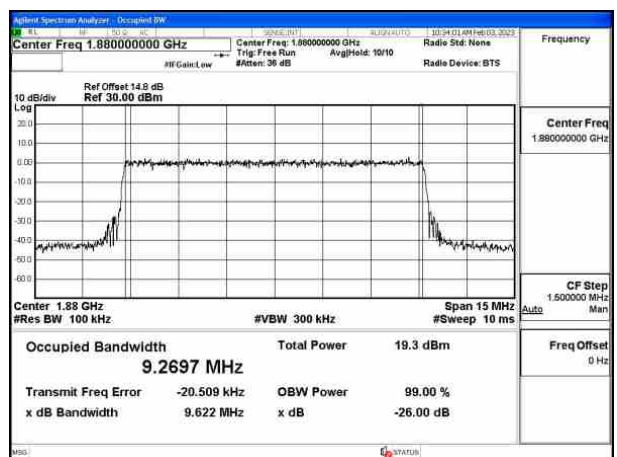


Fig.8

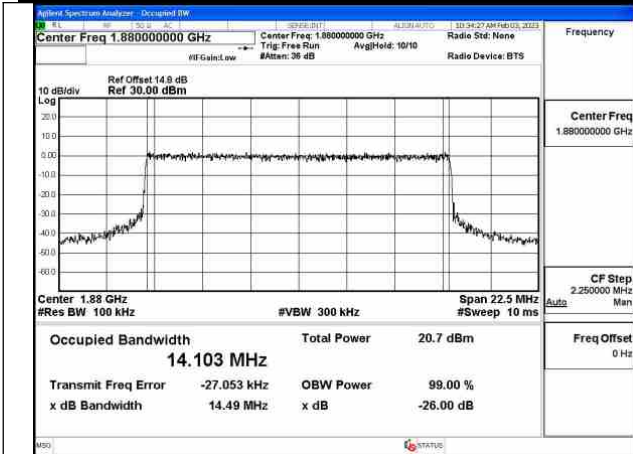


Fig.9

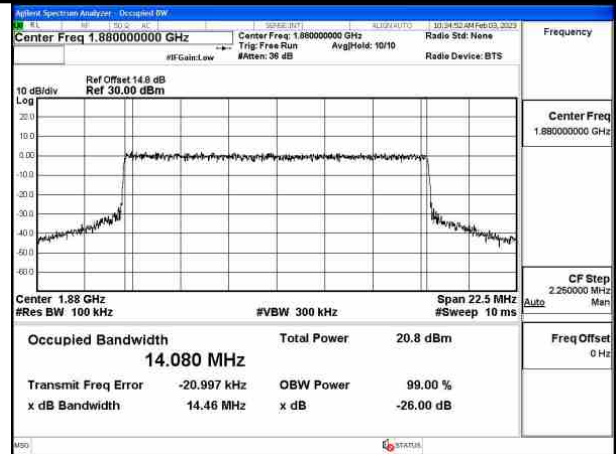


Fig.10

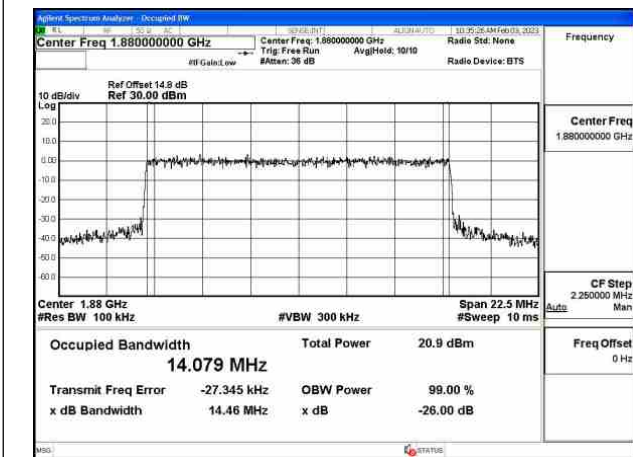


Fig.11

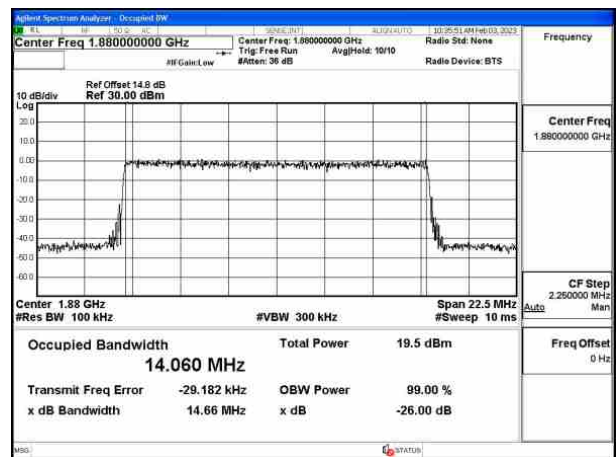


Fig.12

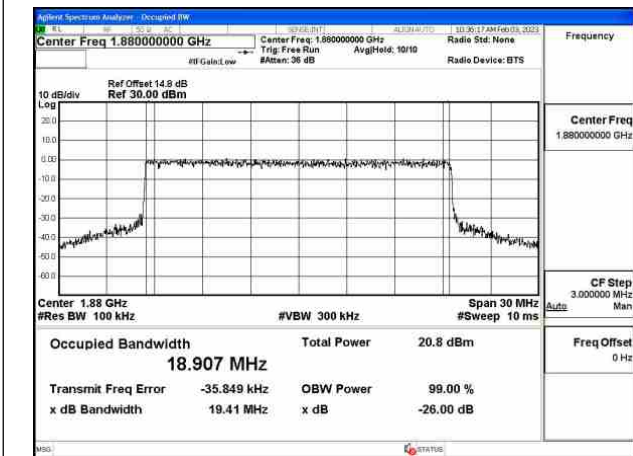


Fig.13

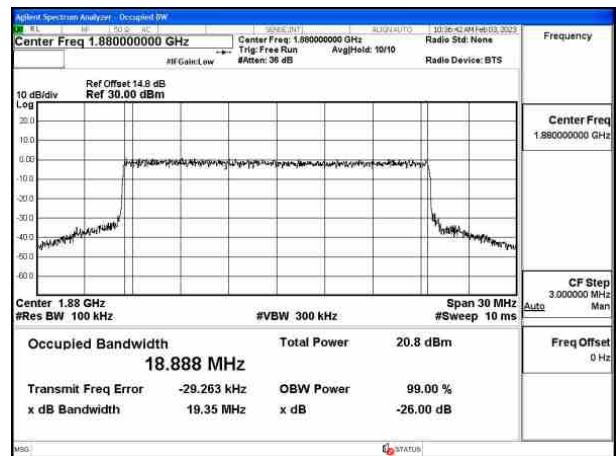


Fig.14

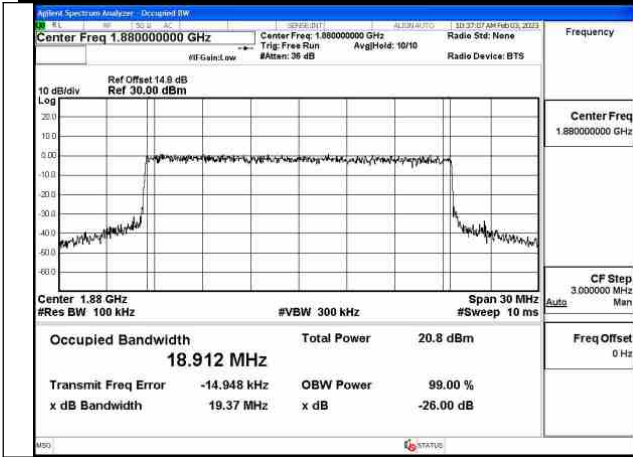


Fig.15

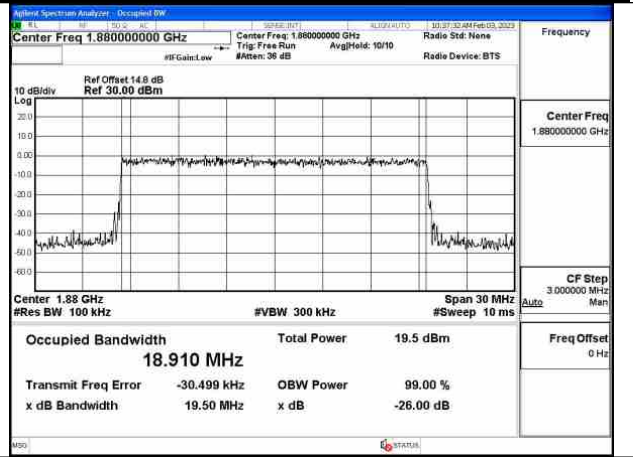
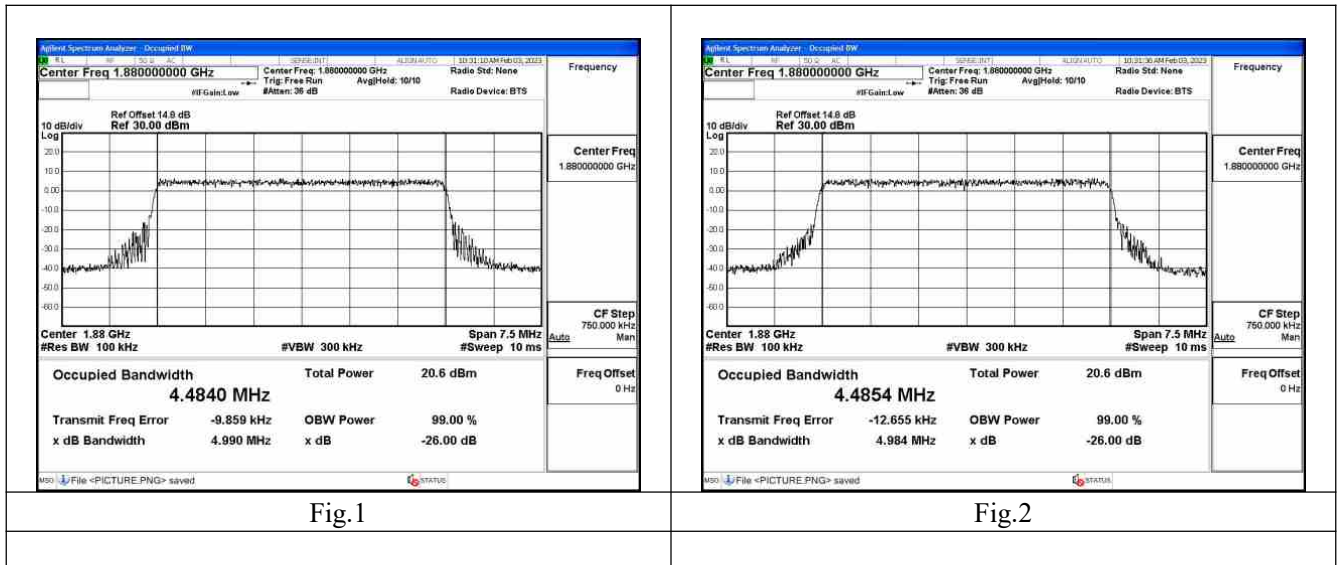


Fig.16

### 3 Emission Bandwidth

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB Power (MHz)	
CP-OFDM QPSK	1880	376000	5	25	0	4.990	Fig.1
CP-OFDM 16QAM	1880	376000	5	25	0	4.980	Fig.2
CP-OFDM 64QAM	1880	376000	5	25	0	4.780	Fig.3
CP-OFDM 256QAM	1880	376000	5	25	0	4.890	Fig.4
CP-OFDM QPSK	1880	376000	10	52	0	9.730	Fig.5
CP-OFDM 16QAM	1880	376000	10	52	0	9.730	Fig.6
CP-OFDM 64QAM	1880	376000	10	52	0	9.620	Fig.7
CP-OFDM 256QAM	1880	376000	10	52	0	9.620	Fig.8
CP-OFDM QPSK	1880	376000	15	79	0	14.490	Fig.9
CP-OFDM 16QAM	1880	376000	15	79	0	14.460	Fig.10
CP-OFDM 64QAM	1880	376000	15	79	0	14.460	Fig.11
CP-OFDM 256QAM	1880	376000	15	79	0	14.660	Fig.12
CP-OFDM QPSK	1880	376000	20	106	0	19.410	Fig.13
CP-OFDM 16QAM	1880	376000	20	106	0	19.350	Fig.14
CP-OFDM 64QAM	1880	376000	20	106	0	19.370	Fig.15
CP-OFDM 256QAM	1880	376000	20	106	0	19.500	Fig.16

Test Plot:



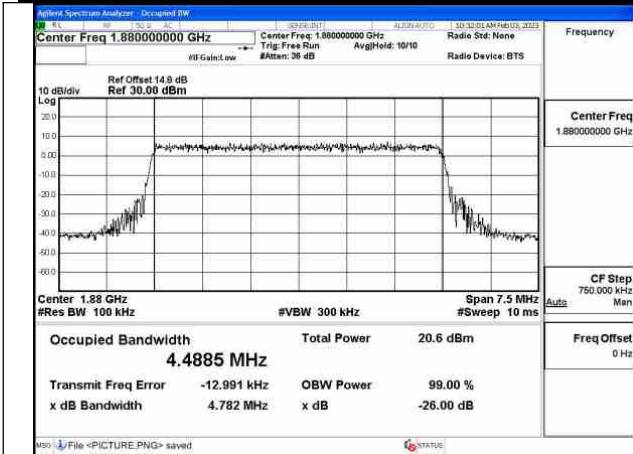


Fig.3

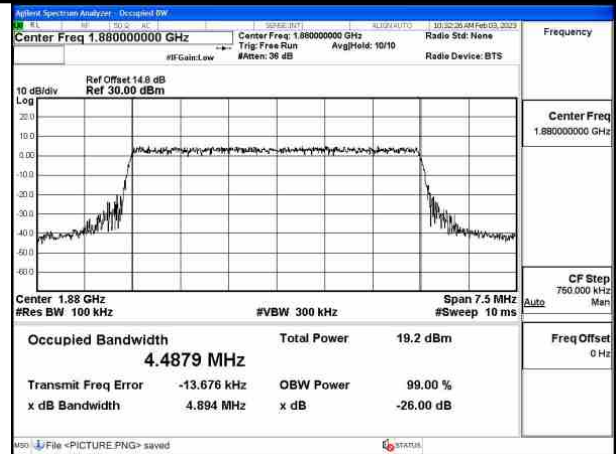


Fig.4

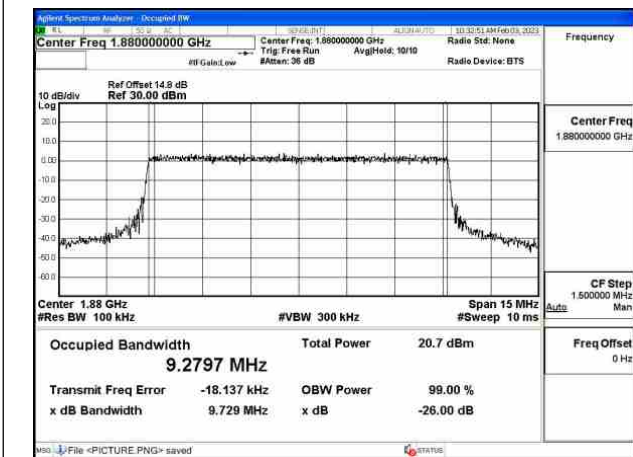


Fig.5

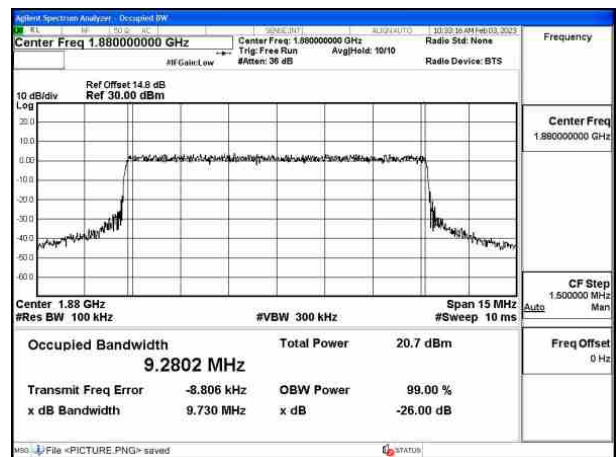


Fig.6

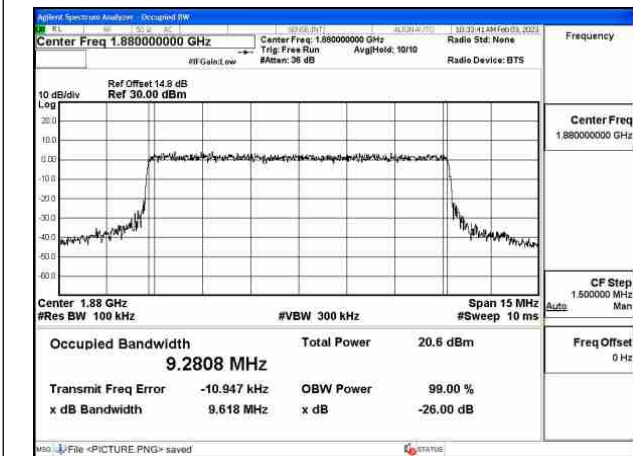


Fig.7

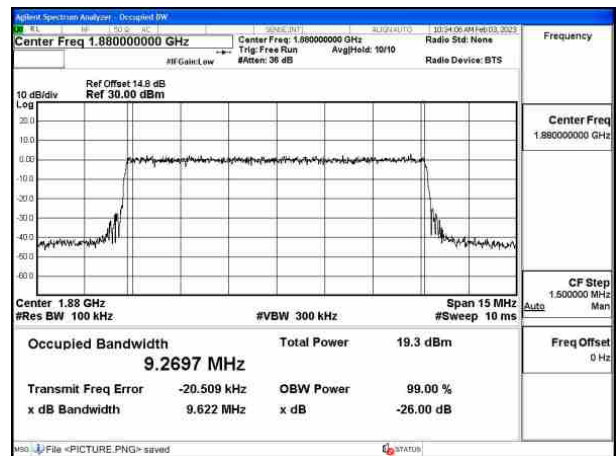


Fig.8



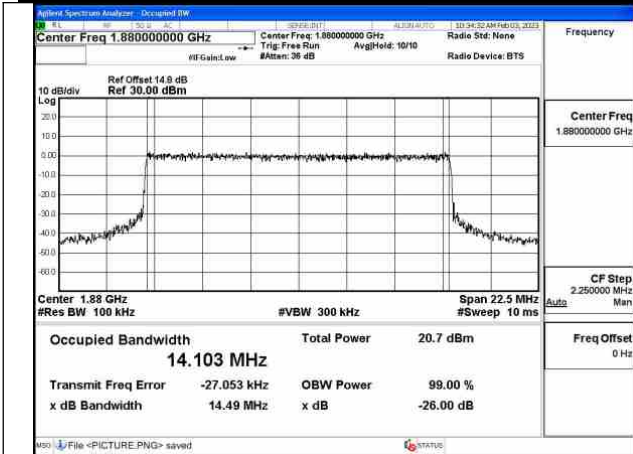


Fig.9

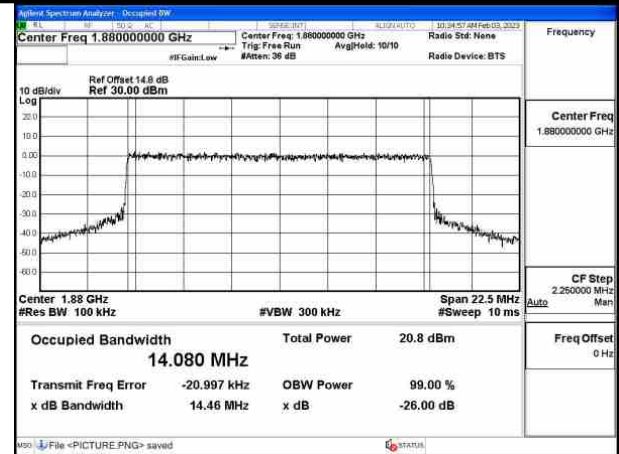


Fig.10

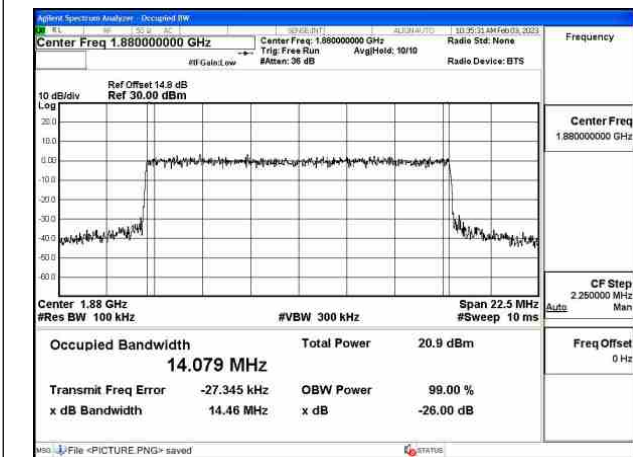


Fig.11

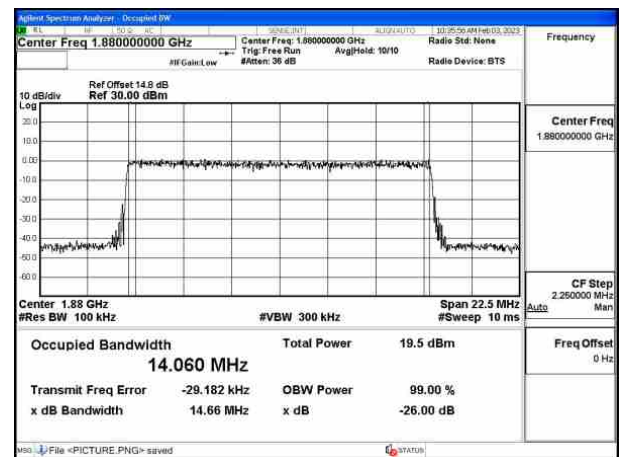


Fig.12

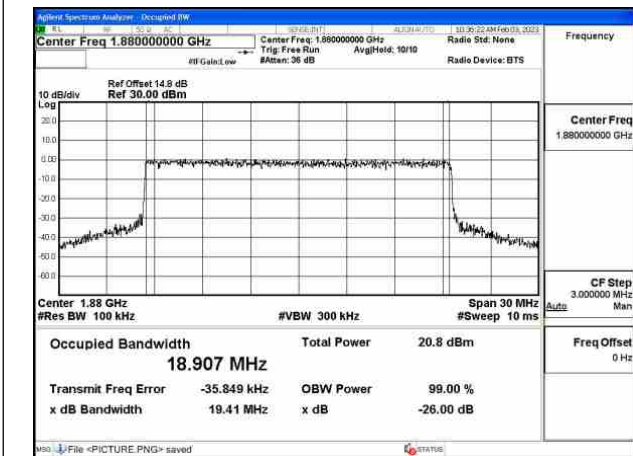


Fig.13

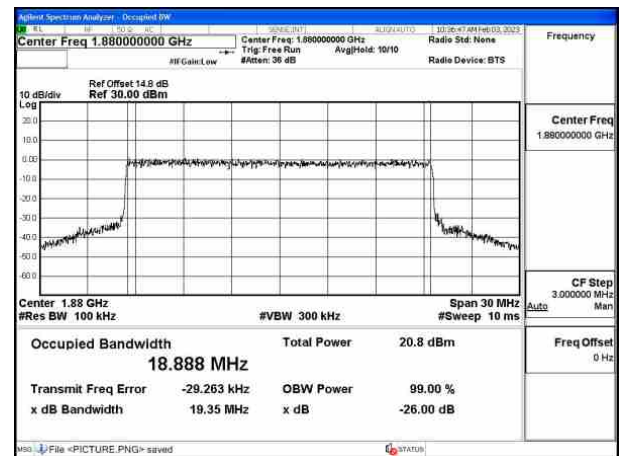


Fig.14

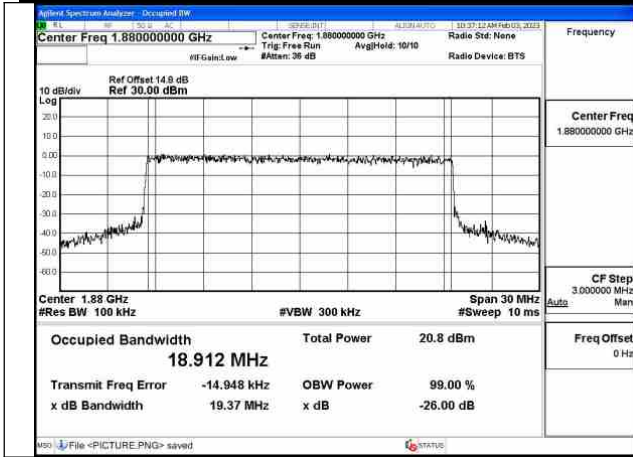


Fig.15

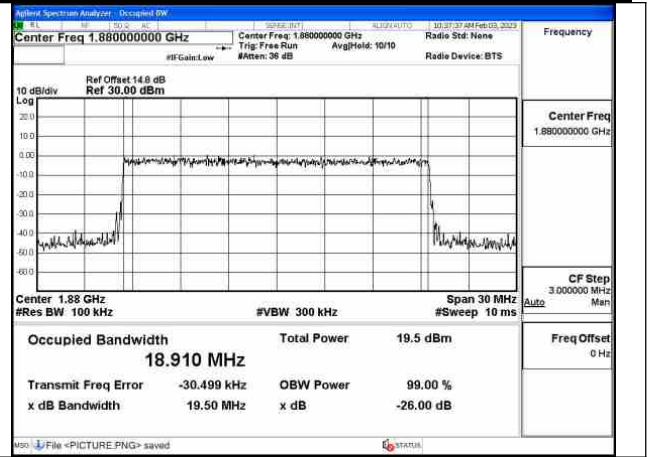
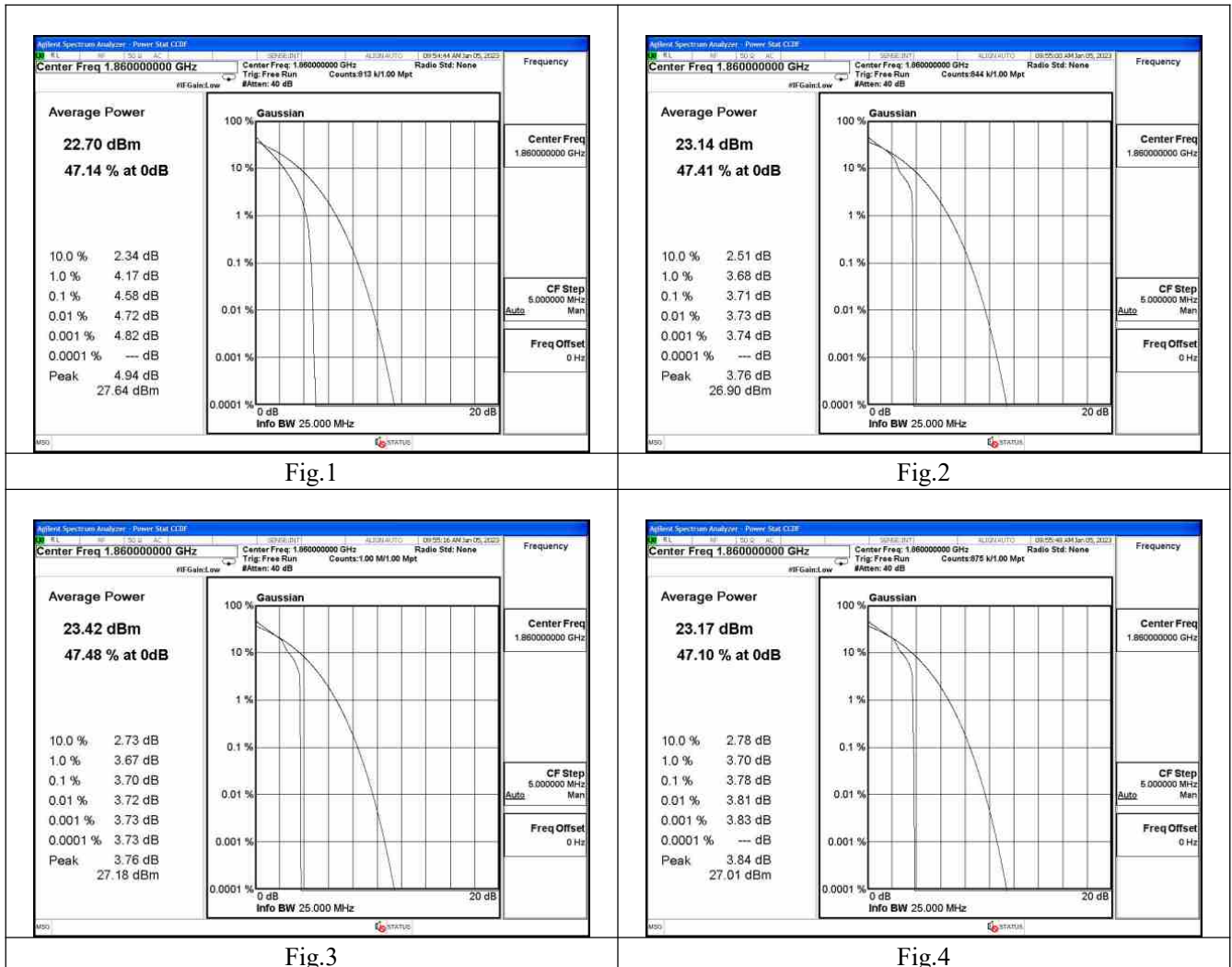


Fig.16

#### 4 Peak-Average Ratio

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	PAR Plot
DFT-s-OFDM PI/2 BPSK	1860	372000	20	50	25	Fig.1
DFT-s-OFDM QPSK	1860	372000	20	50	25	Fig.2
DFT-s-OFDM 16QAM	1860	372000	20	50	25	Fig.3
DFT-s-OFDM 64QAM	1860	372000	20	50	25	Fig.4
DFT-s-OFDM 256QAM	1860	372000	20	50	25	Fig.5
DFT-s-OFDM PI/2 BPSK	1880	376000	20	50	25	Fig.6
DFT-s-OFDM QPSK	1880	376000	20	50	25	Fig.7
DFT-s-OFDM 16QAM	1880	376000	20	50	25	Fig.8
DFT-s-OFDM 64QAM	1880	376000	20	50	25	Fig.9
DFT-s-OFDM 256QAM	1880	376000	20	50	25	Fig.10
DFT-s-OFDM PI/2 BPSK	1900	380000	20	50	25	Fig.11
DFT-s-OFDM QPSK	1900	380000	20	50	25	Fig.12
DFT-s-OFDM 16QAM	1900	380000	20	50	25	Fig.13
DFT-s-OFDM 64QAM	1900	380000	20	50	25	Fig.14
DFT-s-OFDM 256QAM	1900	380000	20	50	25	Fig.15

Test Plot:



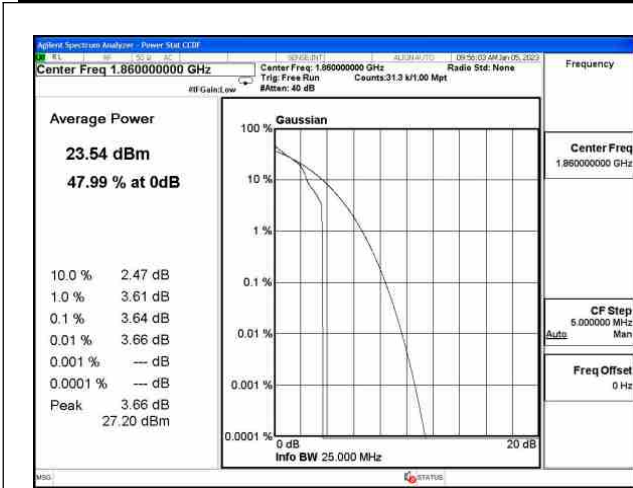


Fig.5

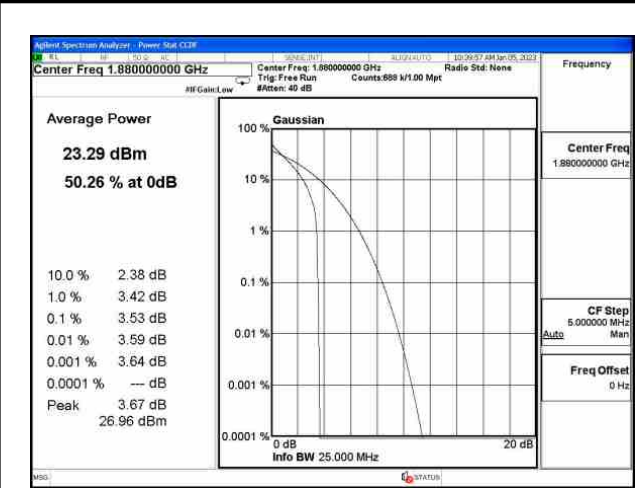


Fig.6

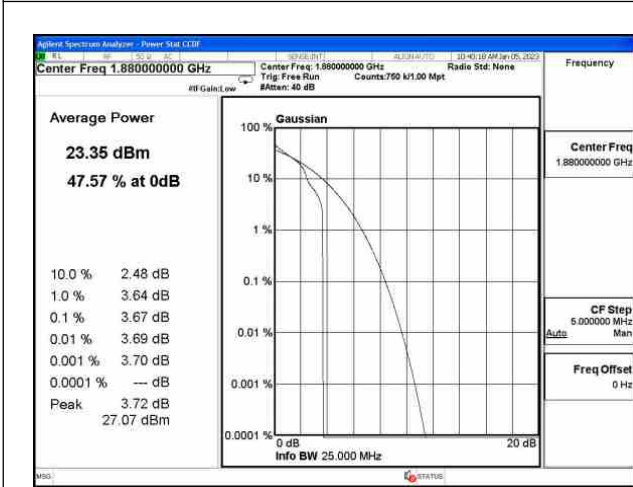


Fig.7

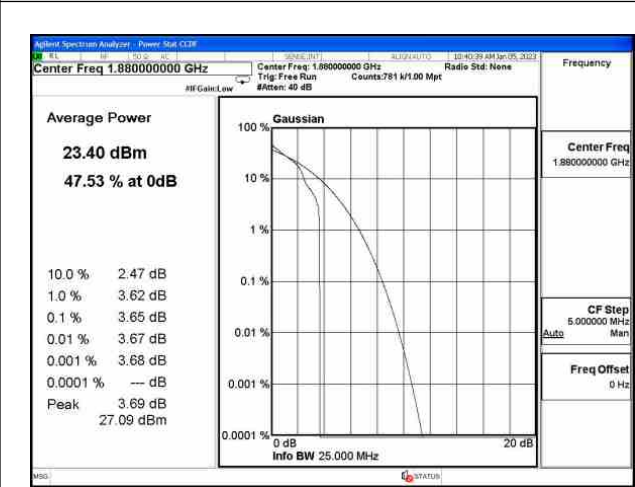


Fig.8

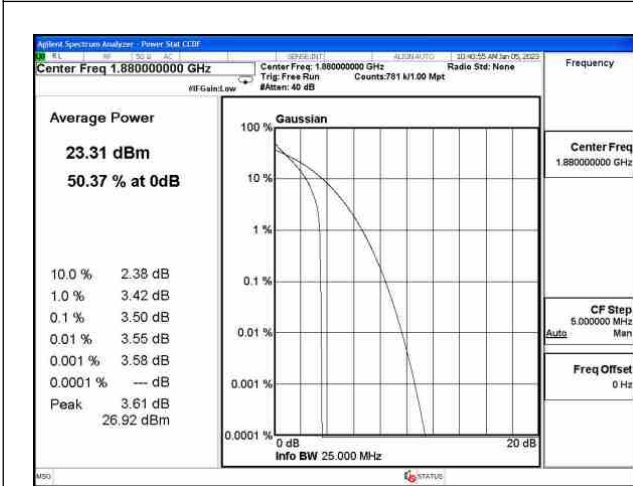


Fig.9

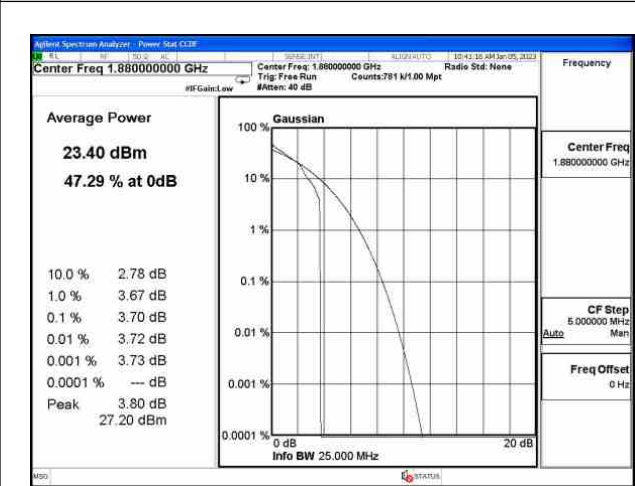


Fig.10

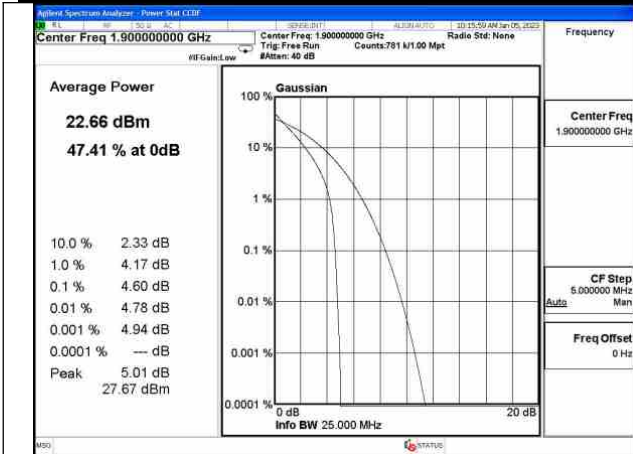


Fig.11

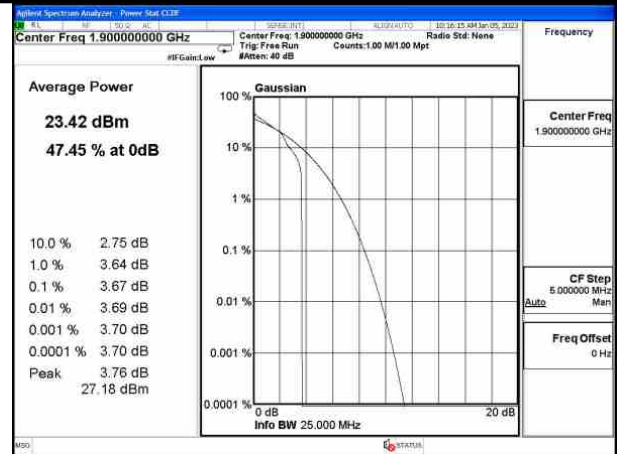


Fig.12

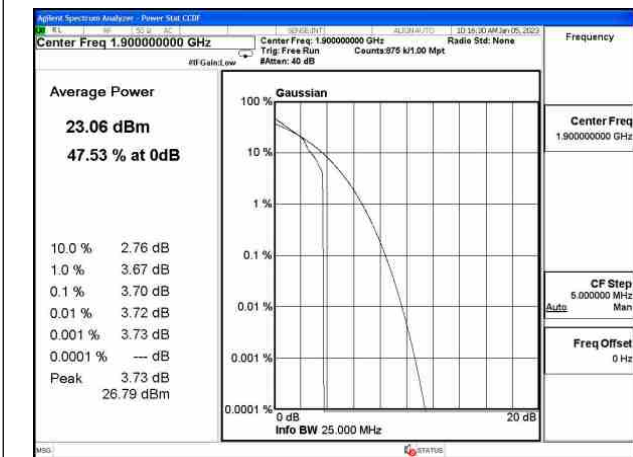


Fig.13

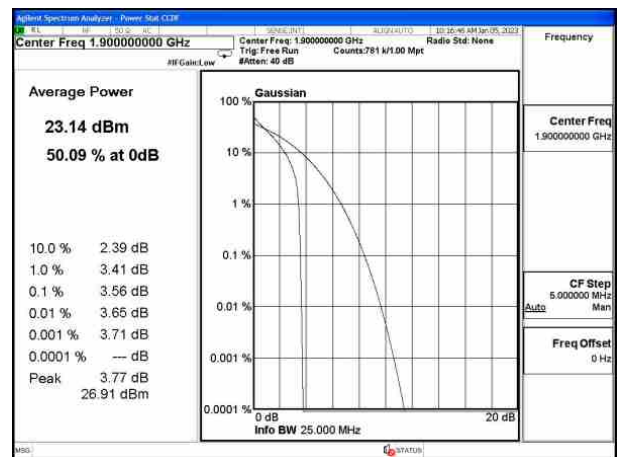


Fig.14

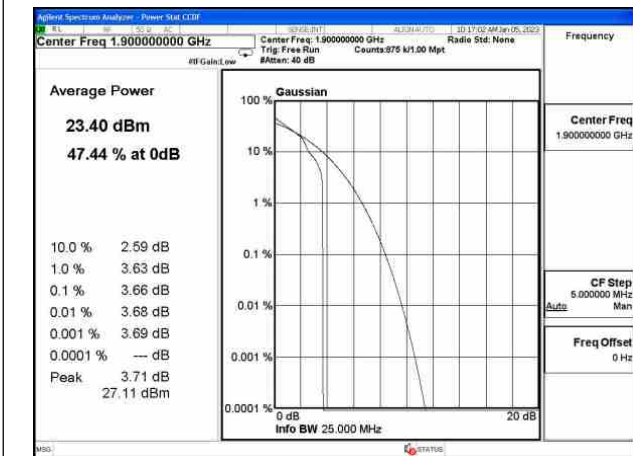


Fig.15

## 5 Spurious Emissions at antenna terminal

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted Spurious Plot	
						30M~1G	1G~20G
CP-OFDM QPSK	1852.5	370500	5	25	0	Fig.1	Fig.2
CP-OFDM QPSK	1852.5	370500	5	1	0	Fig.3	Fig.4
CP-OFDM QPSK	1852.5	370500	5	1	24	Fig.5	Fig.6
CP-OFDM QPSK	1880	376000	5	25	0	Fig.7	Fig.8
CP-OFDM QPSK	1880	376000	5	1	0	Fig.9	Fig.10
CP-OFDM QPSK	1880	376000	5	1	24	Fig.11	Fig.12
CP-OFDM QPSK	1907.5	381500	5	25	0	Fig.13	Fig.14
CP-OFDM QPSK	1907.5	381500	5	1	0	Fig.15	Fig.16
CP-OFDM QPSK	1907.5	381500	5	1	24	Fig.17	Fig.18
CP-OFDM QPSK	1855	371000	10	52	0	Fig.19	Fig.20
CP-OFDM QPSK	1855	371000	10	1	0	Fig.21	Fig.22
CP-OFDM QPSK	1855	371000	10	1	51	Fig.23	Fig.24
CP-OFDM QPSK	1880	376000	10	52	0	Fig.25	Fig.26
CP-OFDM QPSK	1880	376000	10	1	0	Fig.27	Fig.28
CP-OFDM QPSK	1880	376000	10	1	51	Fig.29	Fig.30
CP-OFDM QPSK	1905	381000	10	52	0	Fig.31	Fig.32
CP-OFDM QPSK	1905	381000	10	1	0	Fig.33	Fig.34
CP-OFDM QPSK	1905	381000	10	1	51	Fig.35	Fig.36
CP-OFDM QPSK	1857.5	371500	15	79	0	Fig.37	Fig.38
CP-OFDM QPSK	1857.5	371500	15	1	0	Fig.39	Fig.40
CP-OFDM QPSK	1857.5	371500	15	1	78	Fig.41	Fig.42
CP-OFDM QPSK	1880	376000	15	79	0	Fig.43	Fig.44
CP-OFDM QPSK	1880	376000	15	1	0	Fig.45	Fig.46
CP-OFDM QPSK	1880	376000	15	1	78	Fig.47	Fig.48
CP-OFDM QPSK	1902.5	380500	15	79	0	Fig.49	Fig.50
CP-OFDM QPSK	1902.5	380500	15	1	0	Fig.51	Fig.52
CP-OFDM QPSK	1902.5	380500	15	1	78	Fig.53	Fig.54
CP-OFDM QPSK	1860	372000	20	106	0	Fig.55	Fig.56
CP-OFDM QPSK	1860	372000	20	1	0	Fig.57	Fig.58
CP-OFDM QPSK	1860	372000	20	1	105	Fig.59	Fig.60
CP-OFDM QPSK	1880	376000	20	106	0	Fig.61	Fig.62
CP-OFDM QPSK	1880	376000	20	1	0	Fig.63	Fig.64
CP-OFDM QPSK	1880	376000	20	1	105	Fig.65	Fig.66
CP-OFDM QPSK	1900	380000	20	106	0	Fig.67	Fig.68
CP-OFDM QPSK	1900	380000	20	1	0	Fig.69	Fig.70
CP-OFDM QPSK	1900	380000	20	1	105	Fig.71	Fig.72

Test Plot:

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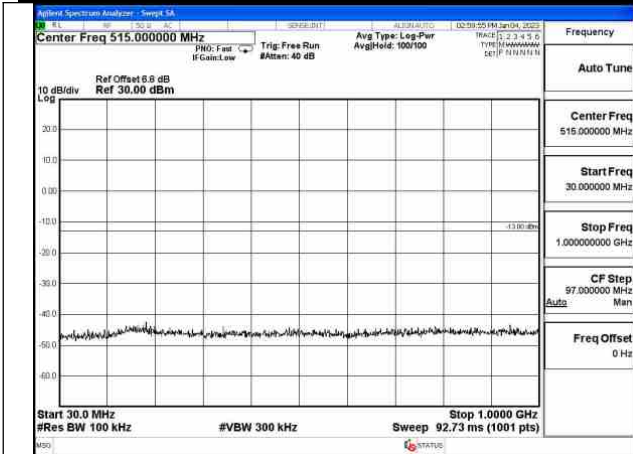


Fig.1



Fig.2

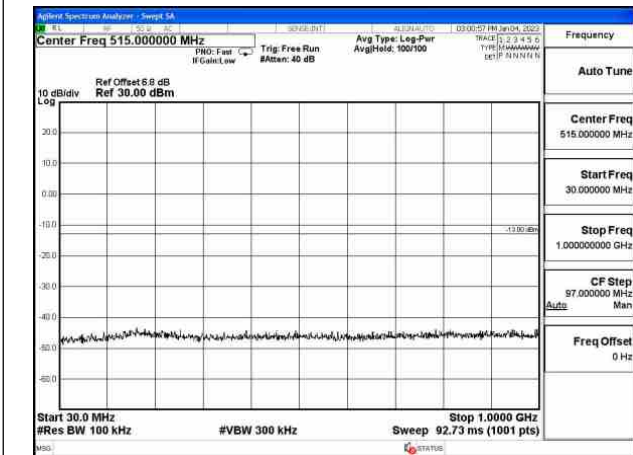


Fig.3

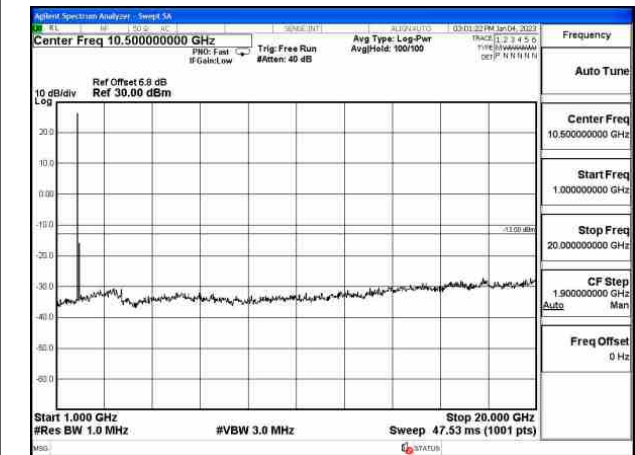


Fig.4

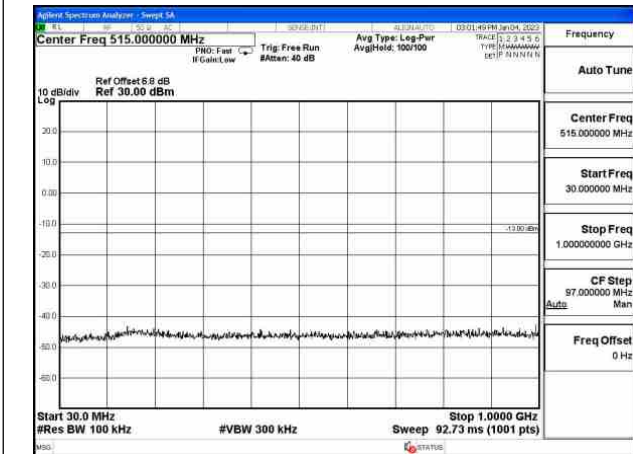


Fig.5



Fig.6

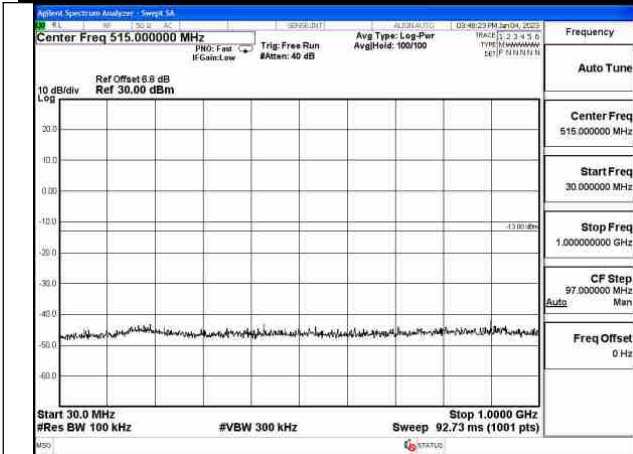


Fig.7



Fig.8

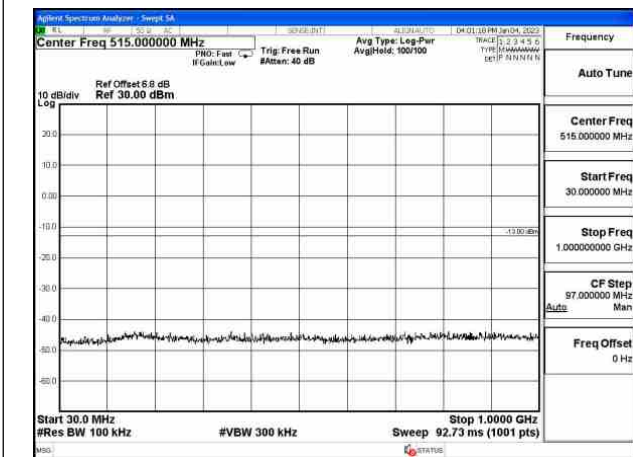


Fig.9

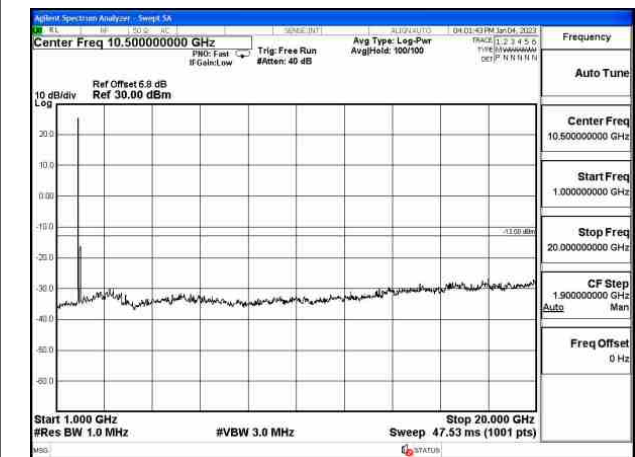


Fig.10

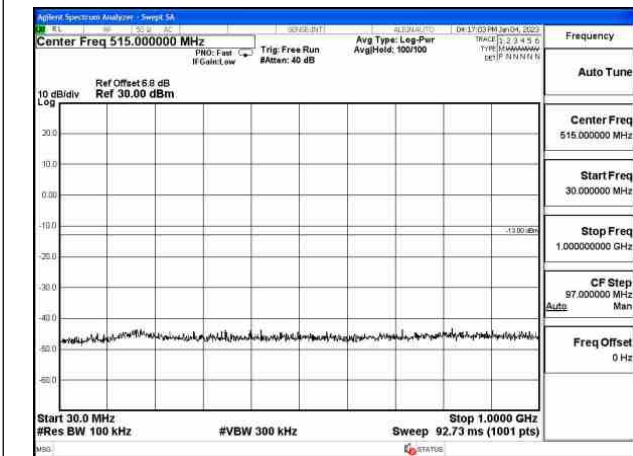


Fig.11

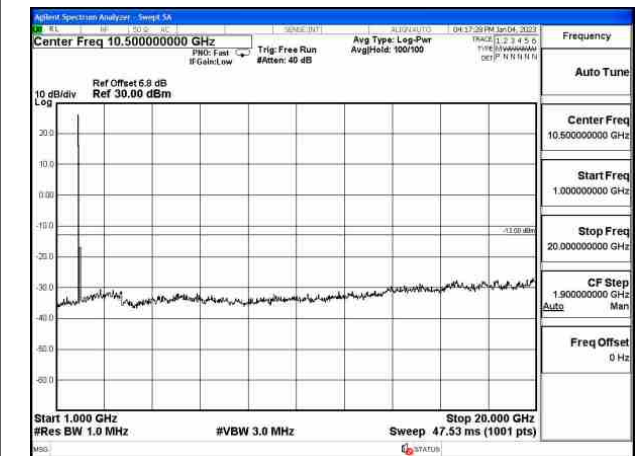


Fig.12



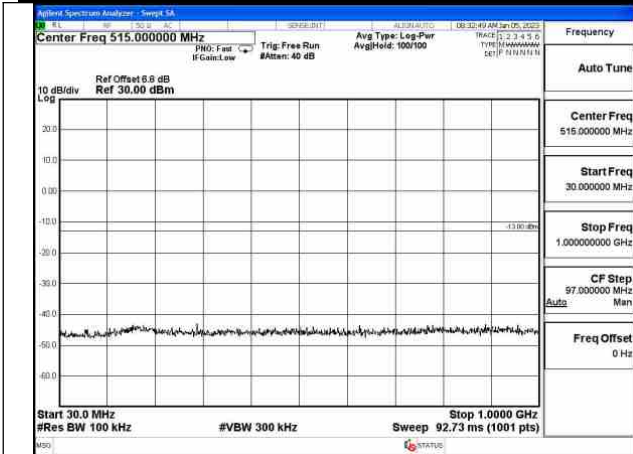


Fig. 13



Fig. 14

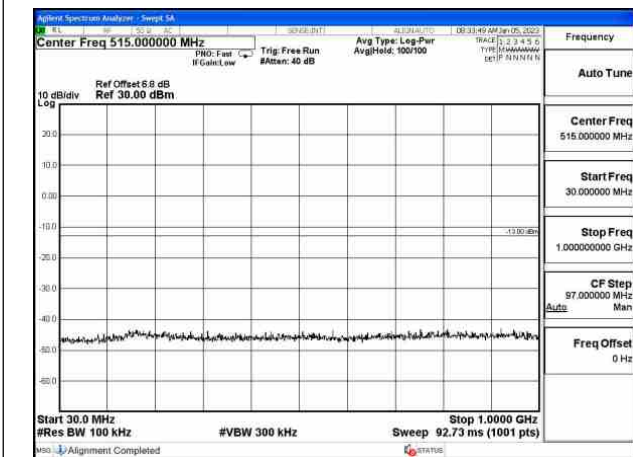


Fig. 15



Fig. 16



Fig. 17

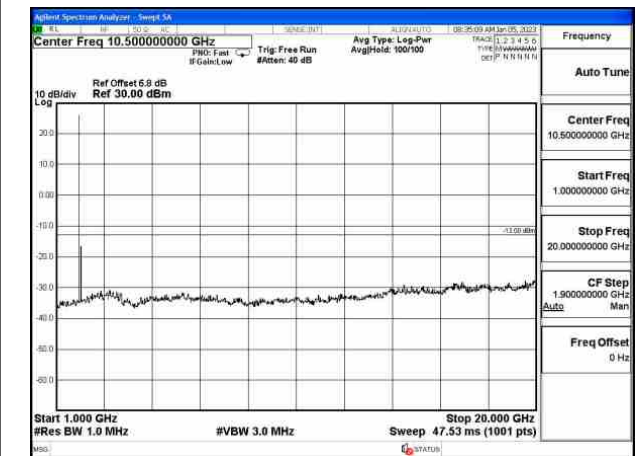


Fig. 18

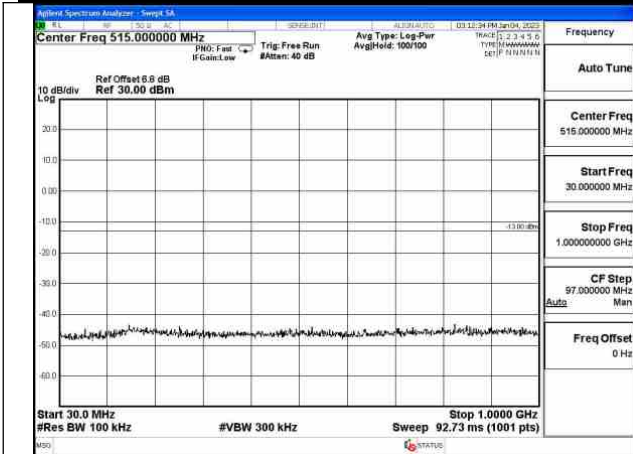


Fig.19



Fig.20

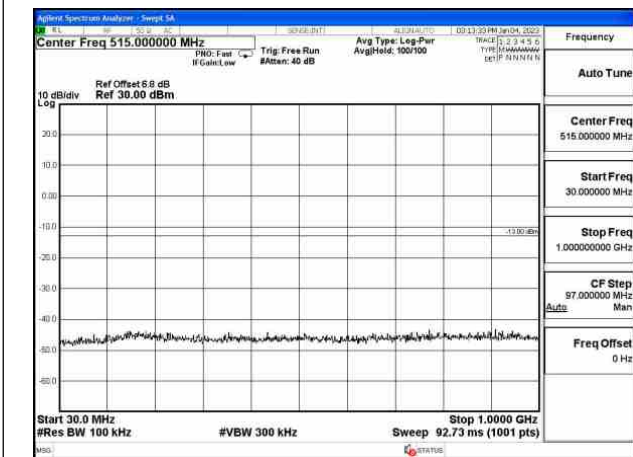


Fig.21

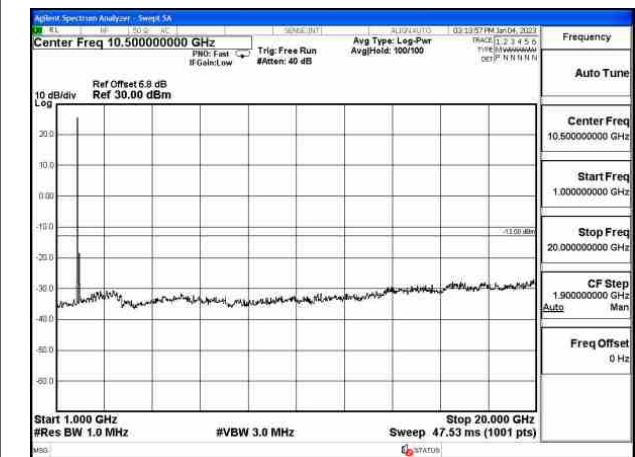


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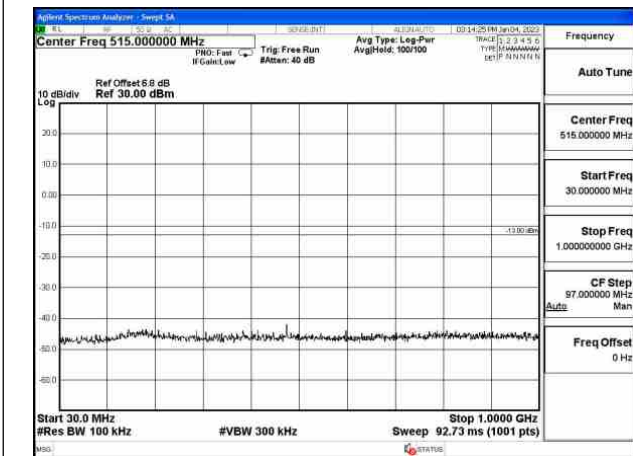


Fig.23

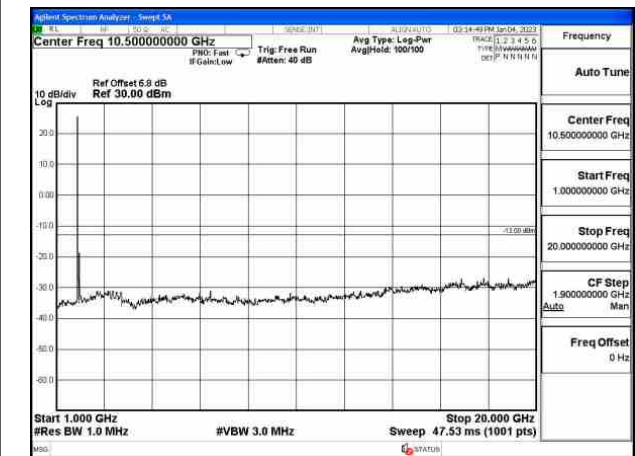


Fig.24

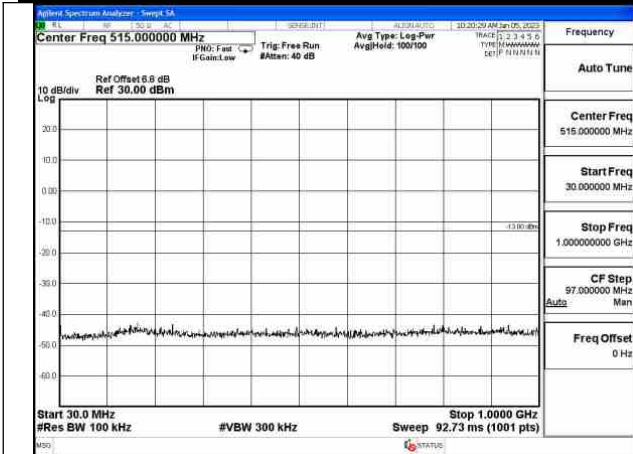


Fig.25



Fig.26

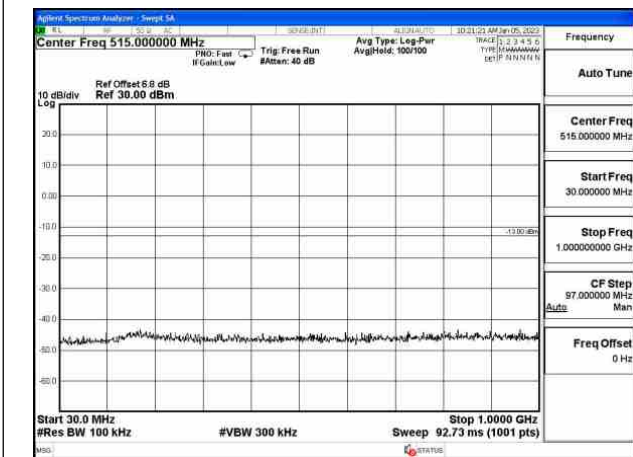


Fig.27

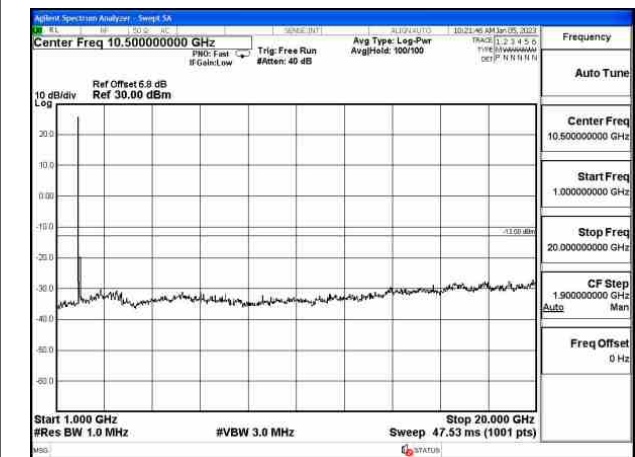


Fig.28



Fig.29

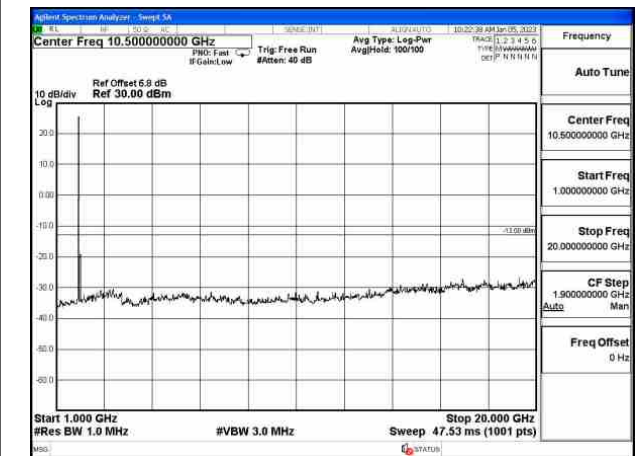


Fig.30



Fig.31



Fig.32

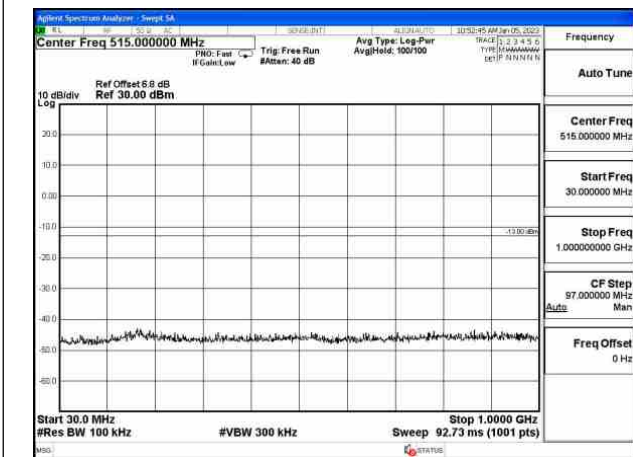


Fig.33

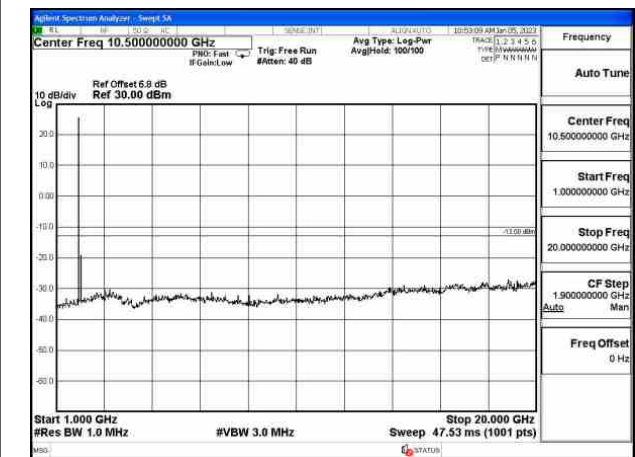


Fig.34



Fig.35



Fig.36



Fig.37

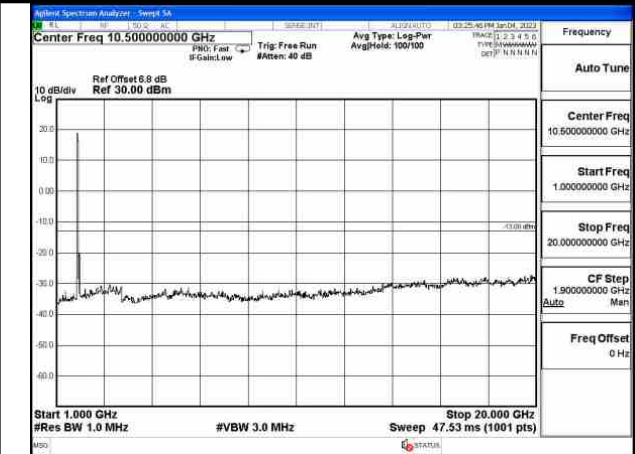


Fig.38

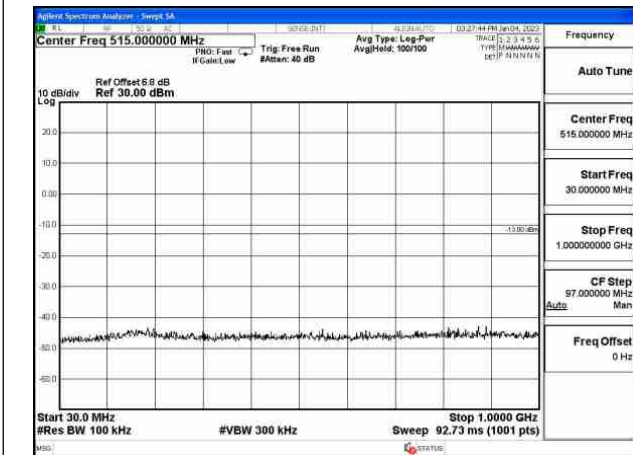


Fig.39

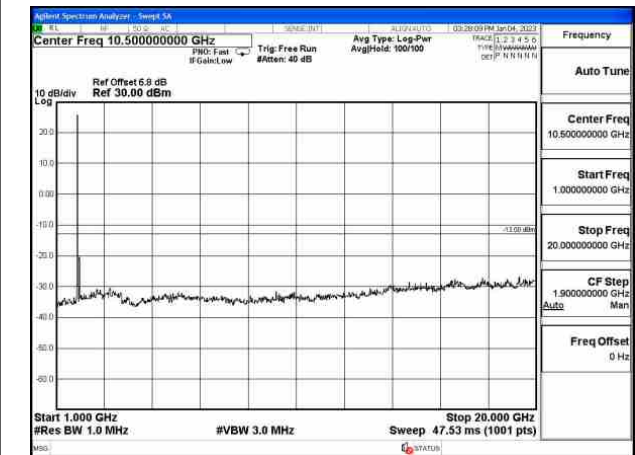


Fig.40

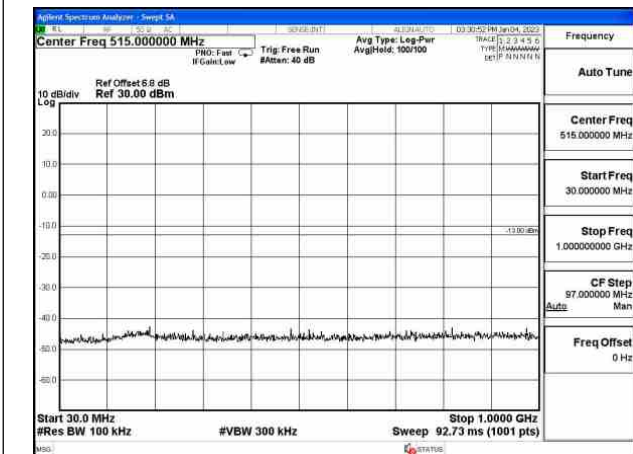


Fig.41

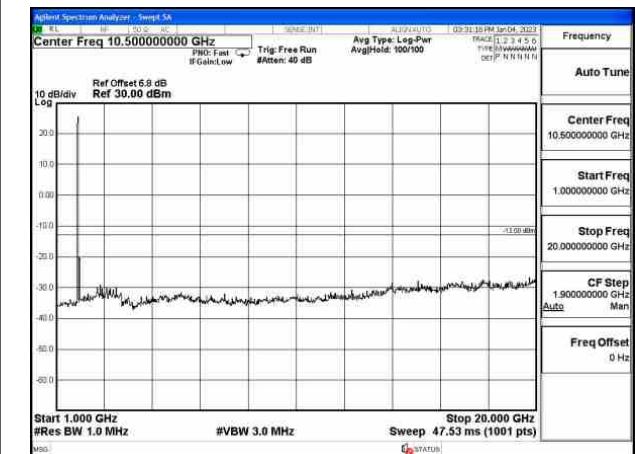


Fig.42

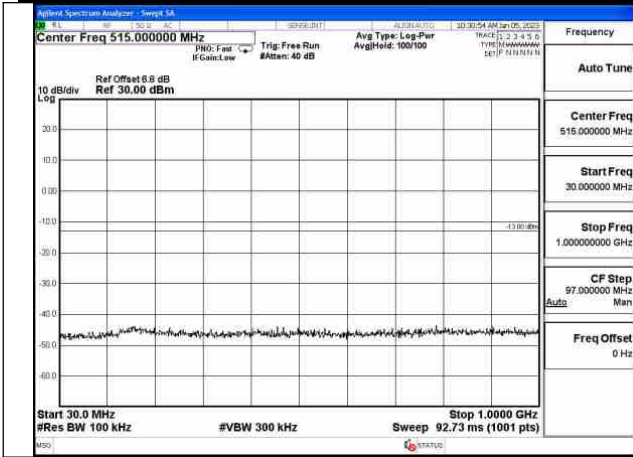


Fig.43



Fig.44

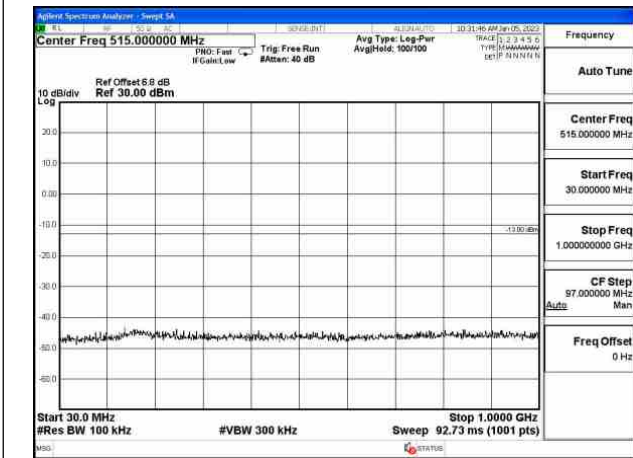


Fig.45



Fig.46

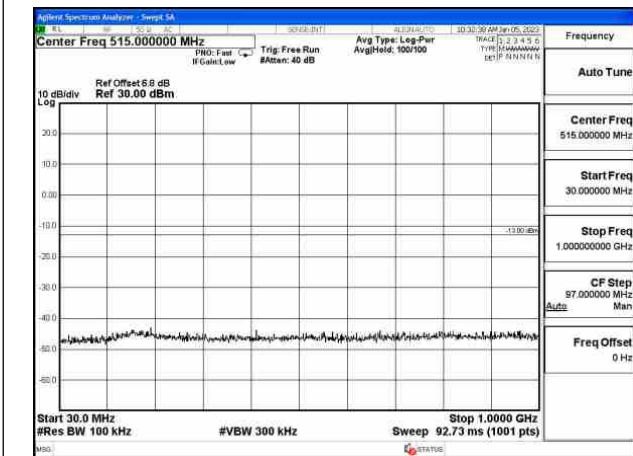


Fig.47

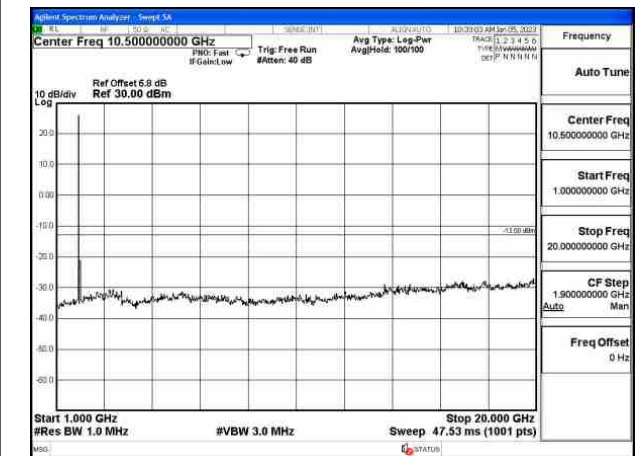


Fig.48

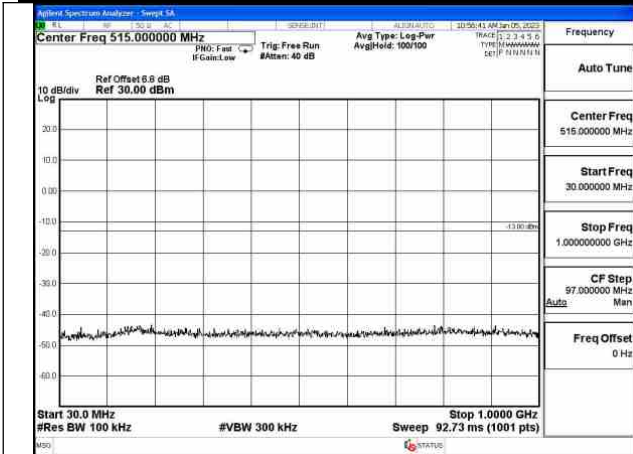


Fig.49



Fig.50



Fig.51



Fig.52

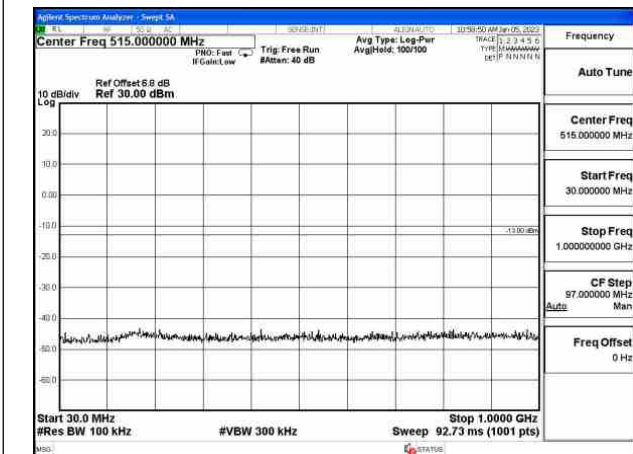


Fig.53

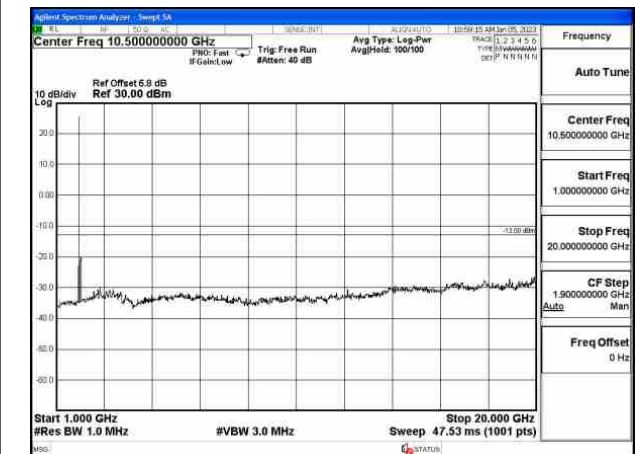


Fig.54

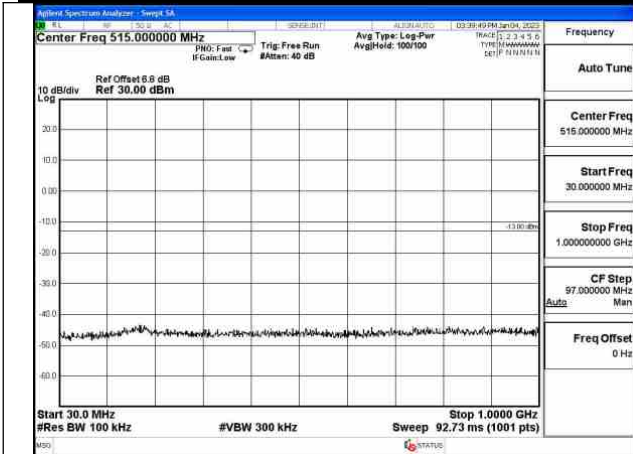


Fig.55



Fig.56

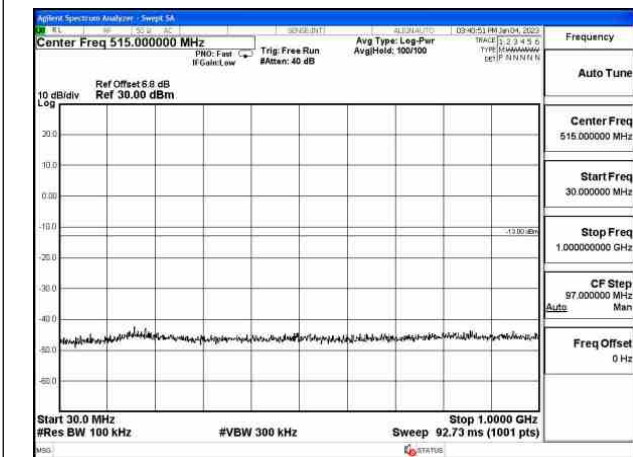


Fig.57

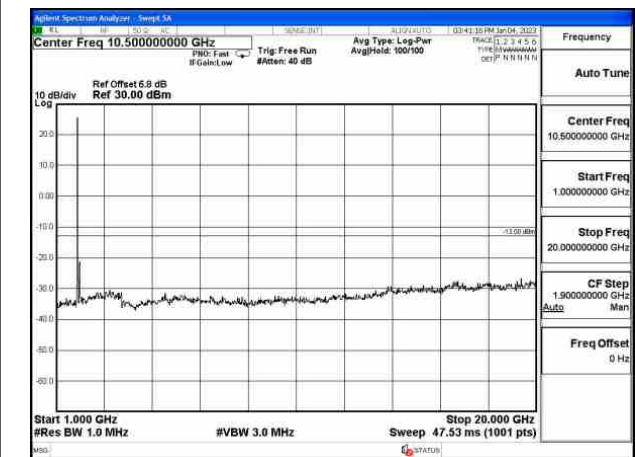


Fig.58

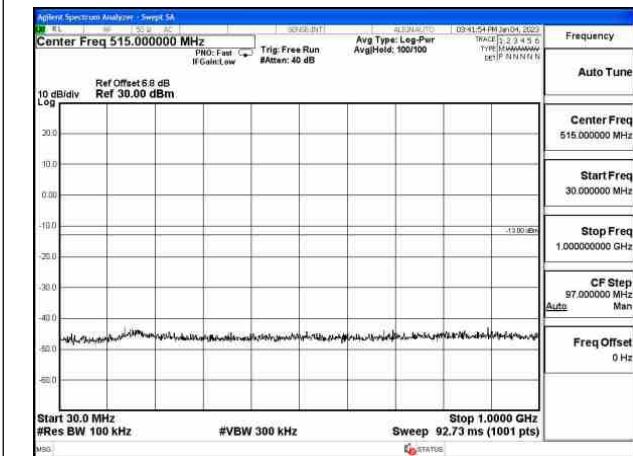


Fig.59

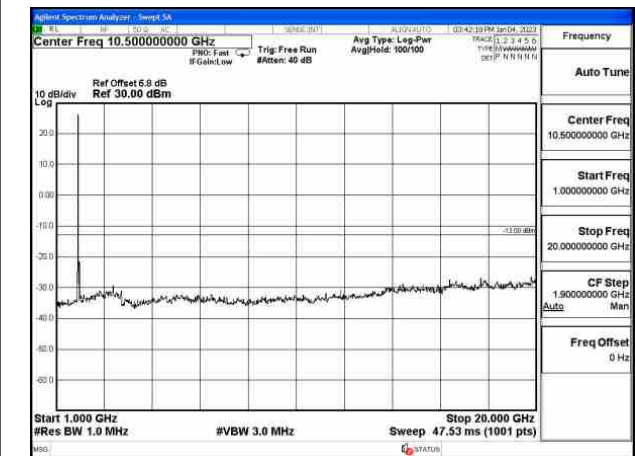


Fig.60





Fig.61



Fig.62

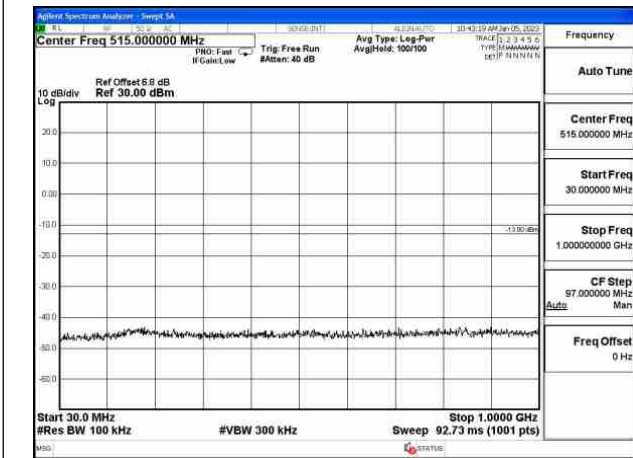


Fig.63



Fig.64

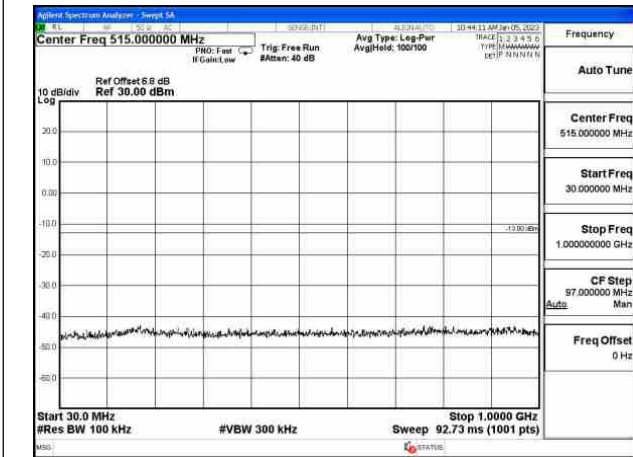


Fig.65



Fig.66

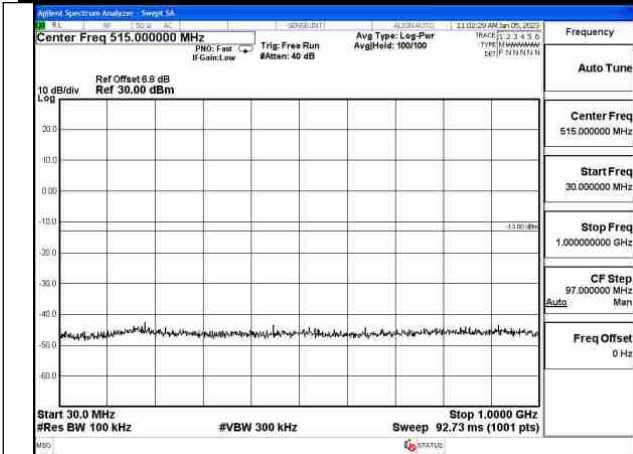


Fig.67



Fig.68

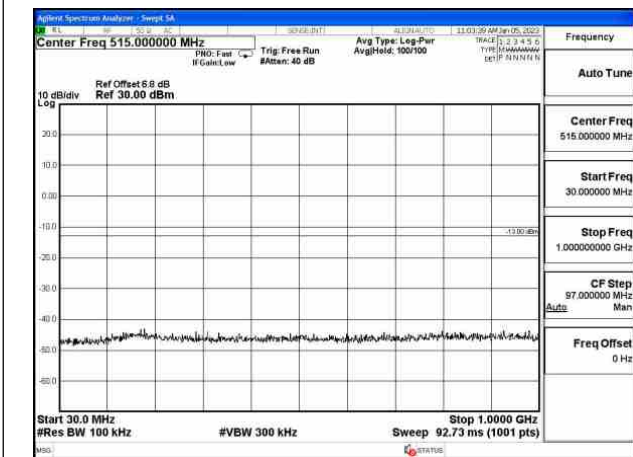


Fig.69



Fig.70



Fig.71

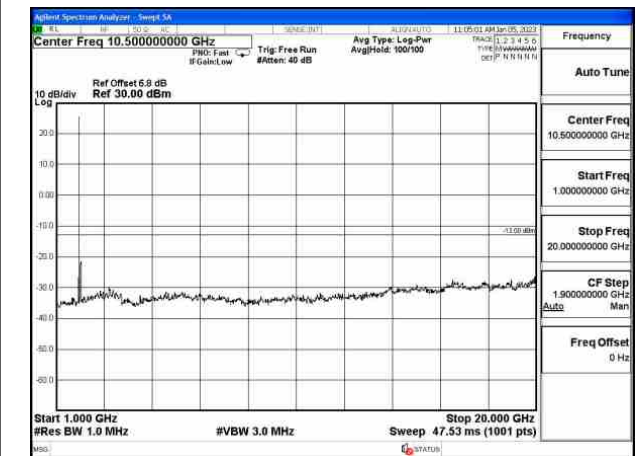


Fig.72

## 6 Band Edges Compliance

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Band Edges Plot
DFT-s-OFDM PI/2 BPSK	1852.5	370500	5	25	0	Fig.1
DFT-s-OFDM PI/2 BPSK	1852.5	370500	5	1	0	Fig.2
DFT-s-OFDM QPSK	1852.5	370500	5	25	0	Fig.3
DFT-s-OFDM QPSK	1852.5	370500	5	1	0	Fig.4
DFT-s-OFDM PI/2 BPSK	1907.5	381500	5	25	0	Fig.5
DFT-s-OFDM PI/2 BPSK	1907.5	381500	5	1	24	Fig.6
DFT-s-OFDM QPSK	1907.5	381500	5	25	0	Fig.7
DFT-s-OFDM QPSK	1907.5	381500	5	1	24	Fig.8
DFT-s-OFDM PI/2 BPSK	1855	371000	10	52	0	Fig.9
DFT-s-OFDM PI/2 BPSK	1855	371000	10	1	0	Fig.10
DFT-s-OFDM QPSK	1855	371000	10	52	0	Fig.11
DFT-s-OFDM QPSK	1855	371000	10	1	0	Fig.12
DFT-s-OFDM PI/2 BPSK	1905	381000	10	52	0	Fig.13
DFT-s-OFDM PI/2 BPSK	1905	381000	10	1	51	Fig.14
DFT-s-OFDM QPSK	1905	381000	10	52	0	Fig.15
DFT-s-OFDM QPSK	1905	381000	10	1	51	Fig.16
DFT-s-OFDM PI/2 BPSK	1857.5	371500	15	79	0	Fig.17
DFT-s-OFDM PI/2 BPSK	1857.5	371500	15	1	0	Fig.18
DFT-s-OFDM QPSK	1857.5	371500	15	79	0	Fig.19
DFT-s-OFDM QPSK	1857.5	371500	15	1	0	Fig.20
DFT-s-OFDM PI/2 BPSK	1902.5	380500	15	79	0	Fig.21
DFT-s-OFDM PI/2 BPSK	1902.5	380500	15	1	78	Fig.22
DFT-s-OFDM QPSK	1902.5	380500	15	79	0	Fig.23
DFT-s-OFDM QPSK	1902.5	380500	15	1	78	Fig.24
DFT-s-OFDM PI/2 BPSK	1860	372000	20	106	0	Fig.25
DFT-s-OFDM PI/2 BPSK	1860	372000	20	1	0	Fig.26
DFT-s-OFDM QPSK	1860	372000	20	106	0	Fig.27
DFT-s-OFDM QPSK	1860	372000	20	1	0	Fig.28
DFT-s-OFDM PI/2 BPSK	1900	380000	20	106	0	Fig.29
DFT-s-OFDM PI/2 BPSK	1900	380000	20	1	105	Fig.30
DFT-s-OFDM QPSK	1900	380000	20	106	0	Fig.31
DFT-s-OFDM QPSK	1900	380000	20	1	105	Fig.32

Test Plot:

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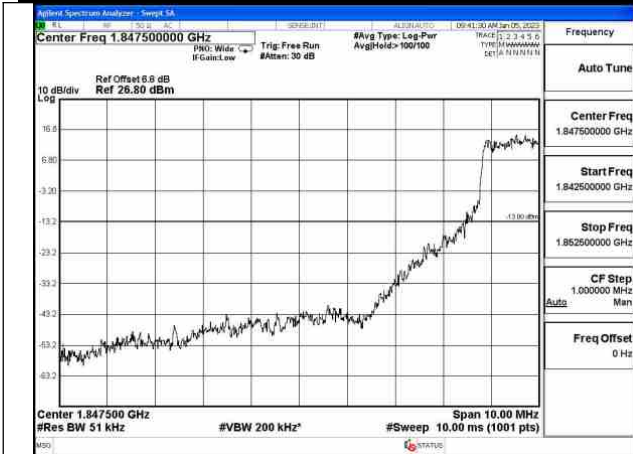


Fig.1

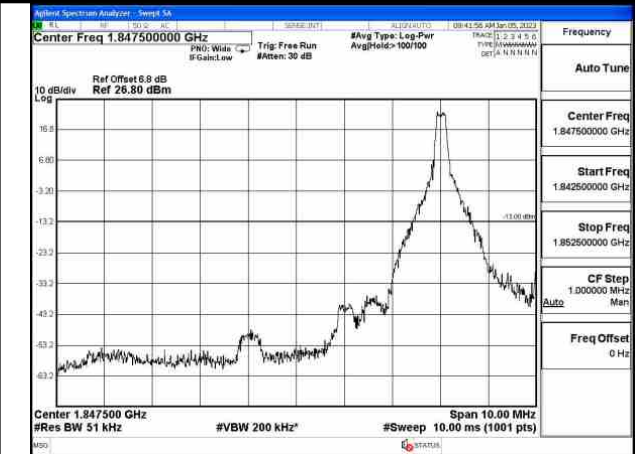


Fig.2



Fig.3

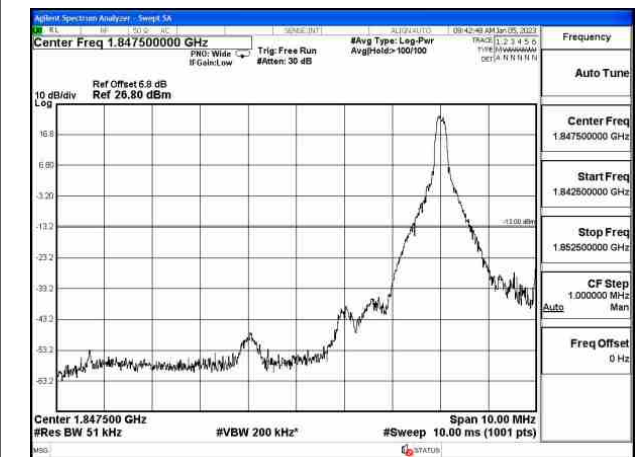


Fig.4

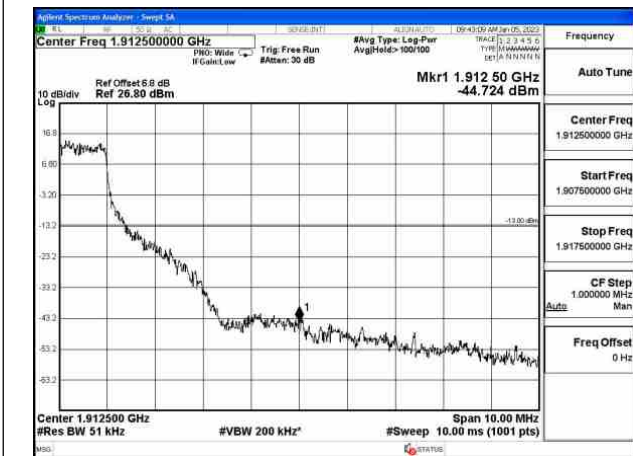


Fig.5

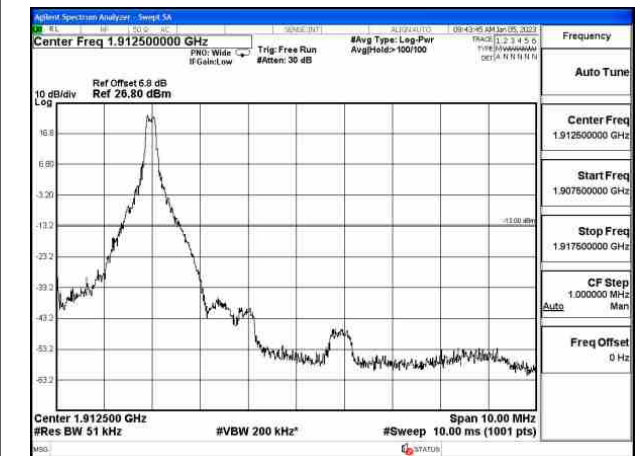


Fig.6



Fig.7

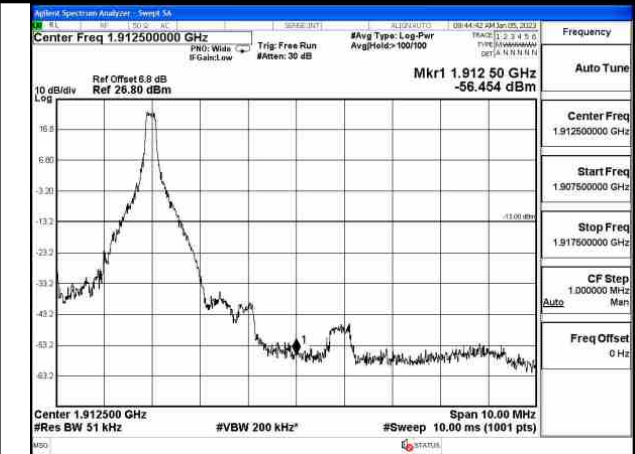


Fig.8

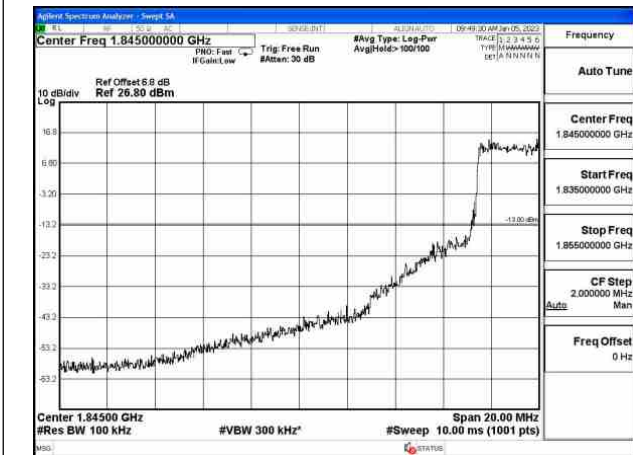


Fig.9

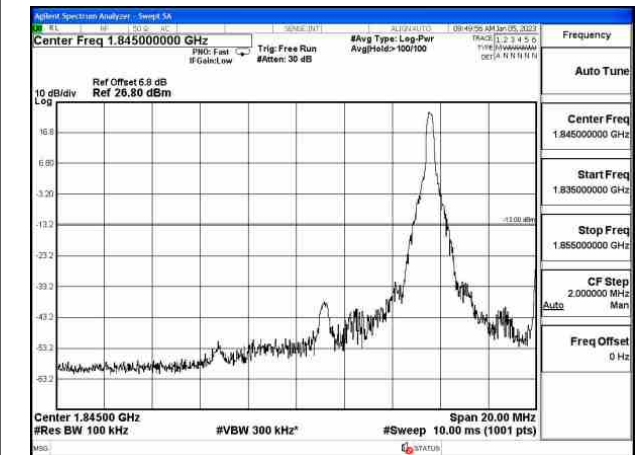


Fig.10

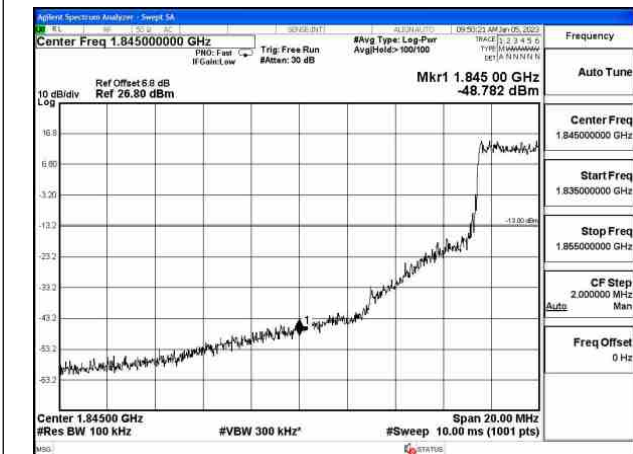


Fig.11

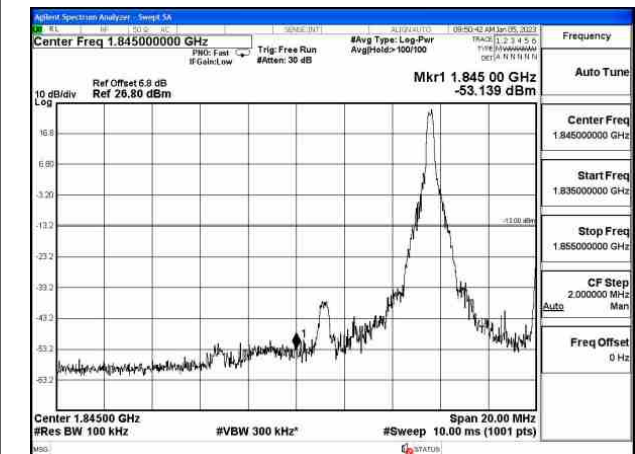


Fig.12



Fig.13

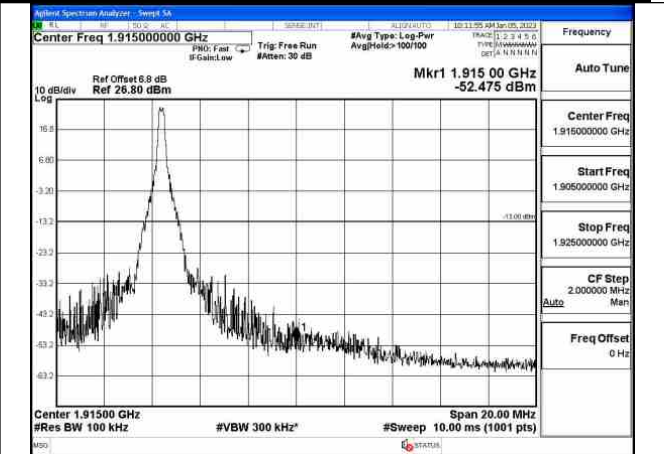


Fig.14



Fig.15

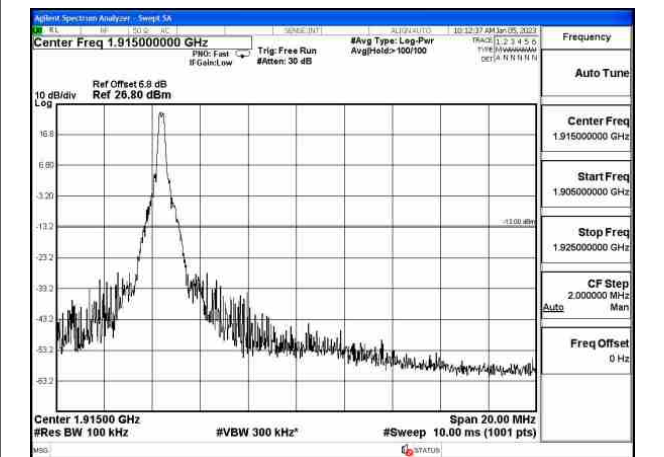


Fig.16



Fig.17

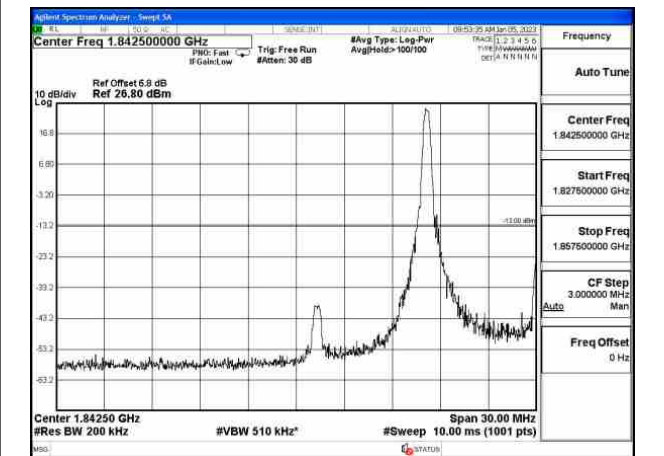


Fig.18

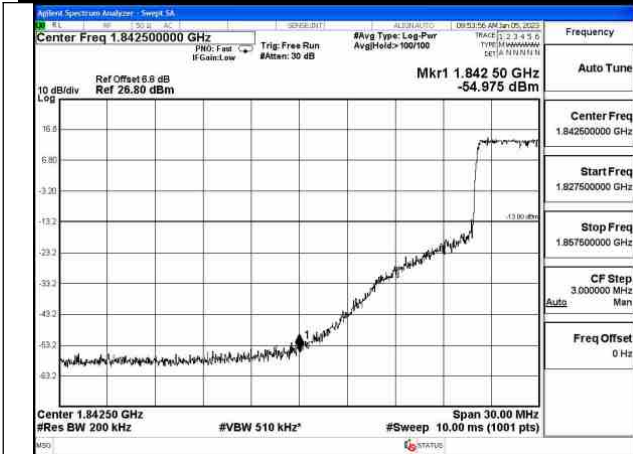


Fig.19

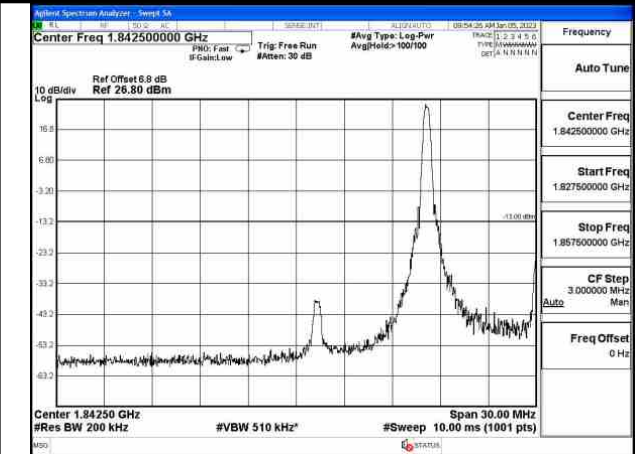


Fig.20



Fig.21

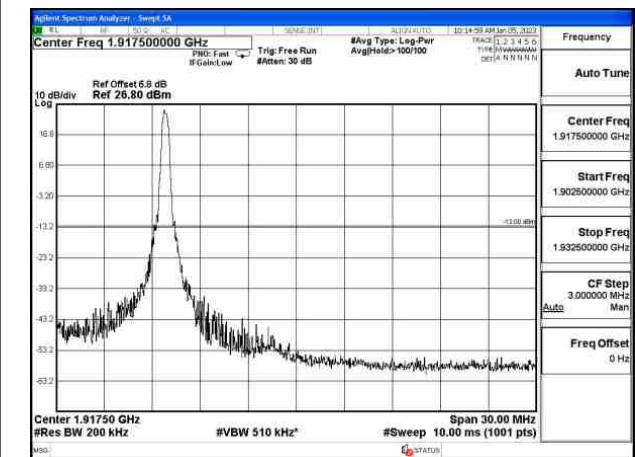


Fig.22



Fig.23

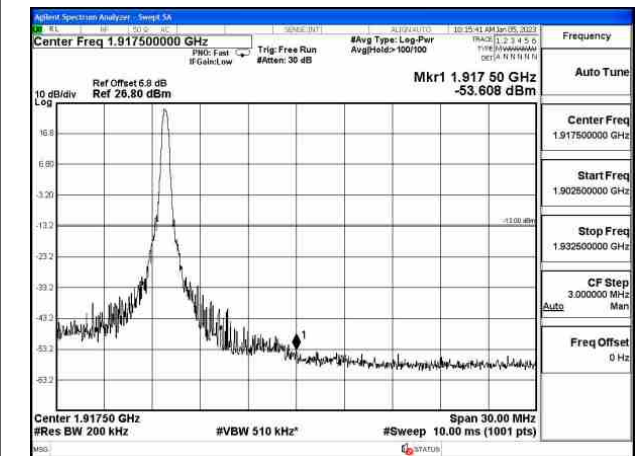


Fig.24

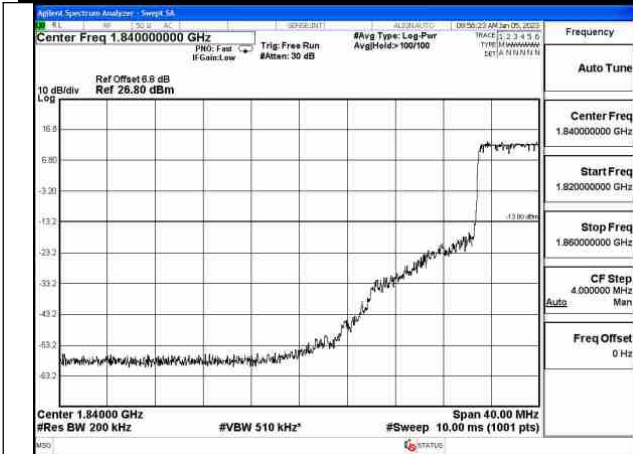


Fig.25

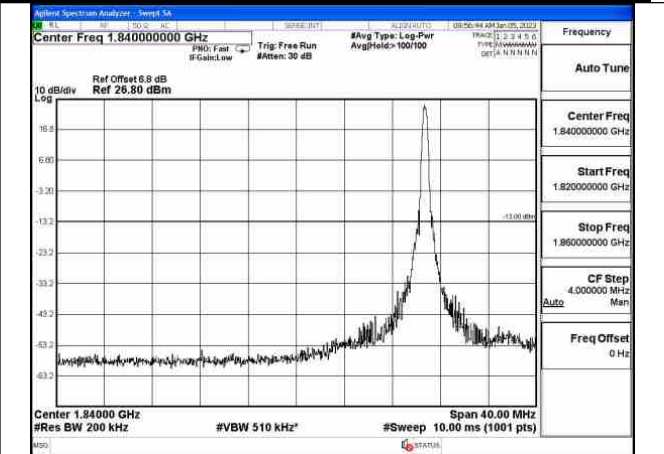


Fig.26



Fig.27

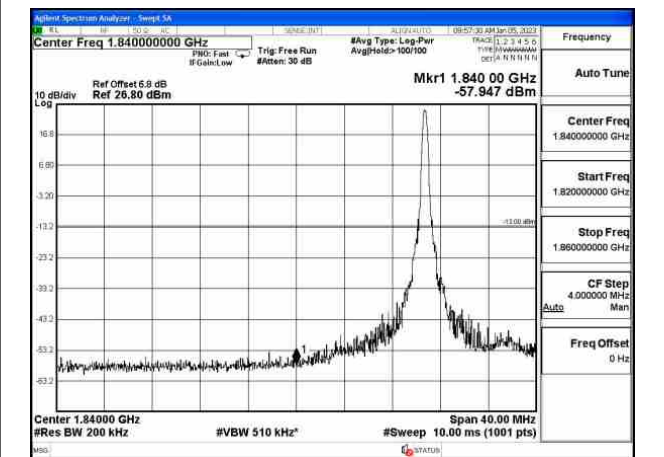


Fig.28



Fig.29

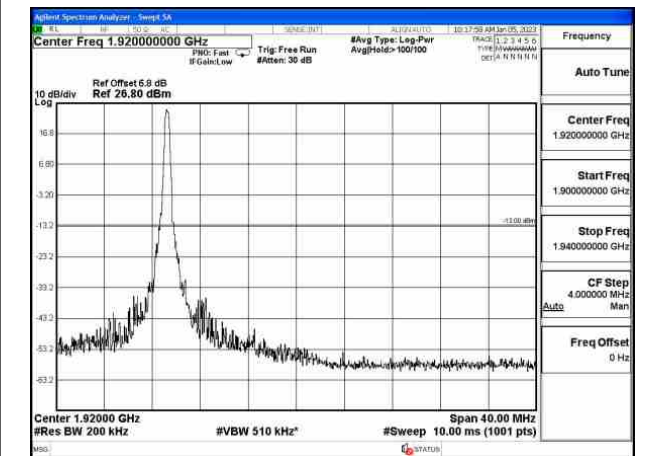


Fig.30





Fig.31

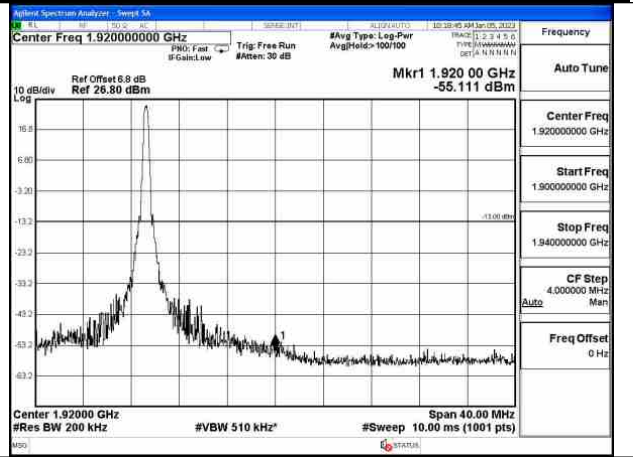


Fig.32

## 7 Frequency Stability

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Temperature (°C)	Voltage	Test Result (ppm)
DFT-s-OFDM QPSK	1880	376000	20	100	0	-10	NV	-0.0032
DFT-s-OFDM QPSK	1880	376000	20	100	0	0	NV	-0.0048
DFT-s-OFDM QPSK	1880	376000	20	100	0	10	NV	-0.0053
DFT-s-OFDM QPSK	1880	376000	20	100	0	20	NV	-0.0016
DFT-s-OFDM QPSK	1880	376000	20	100	0	30	NV	-0.0027
DFT-s-OFDM QPSK	1880	376000	20	100	0	40	NV	0.0005
DFT-s-OFDM QPSK	1880	376000	20	100	0	50	NV	-0.0043
DFT-s-OFDM QPSK	1880	376000	20	100	0	55	NV	-0.0048
DFT-s-OFDM QPSK	1880	376000	20	100	0	20	LV	0.0005
DFT-s-OFDM QPSK	1880	376000	20	100	0	20	HV	0

## 8 Effective Radiated Power and Effective Isotropic Radiated Power

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
DFT-s-OFDM PI/2 BPSK	1852.5	370500	5	12	6	23.85	22.65	0.184
DFT-s-OFDM PI/2 BPSK	1852.5	370500	5	1	1	22.25	21.05	0.127
DFT-s-OFDM PI/2 BPSK	1852.5	370500	5	1	23	23.68	22.48	0.177
DFT-s-OFDM QPSK	1852.5	370500	5	12	6	22.08	20.88	0.122
DFT-s-OFDM QPSK	1852.5	370500	5	1	1	22.47	21.27	0.134
DFT-s-OFDM QPSK	1852.5	370500	5	1	23	22.85	21.65	0.146
DFT-s-OFDM QPSK	1852.5	370500	5	12	6	22.30	21.10	0.129
DFT-s-OFDM QPSK	1852.5	370500	5	25	0	22.68	21.48	0.141
DFT-s-OFDM 16QAM	1852.5	370500	5	1	0	23.07	21.87	0.154
DFT-s-OFDM 16QAM	1852.5	370500	5	1	24	23.45	22.25	0.168
DFT-s-OFDM 16QAM	1852.5	370500	5	12	6	22.19	20.99	0.126
DFT-s-OFDM 16QAM	1852.5	370500	5	25	0	22.57	21.37	0.137
DFT-s-OFDM 64QAM	1852.5	370500	5	1	0	22.01	20.81	0.121
DFT-s-OFDM 64QAM	1852.5	370500	5	1	24	22.40	21.20	0.132
DFT-s-OFDM 64QAM	1852.5	370500	5	12	6	22.79	21.59	0.144
DFT-s-OFDM 64QAM	1852.5	370500	5	25	0	23.17	21.97	0.157
DFT-s-OFDM 256QAM	1852.5	370500	5	1	0	20.92	19.72	0.094
DFT-s-OFDM 256QAM	1852.5	370500	5	1	24	19.97	18.77	0.075
DFT-s-OFDM 256QAM	1852.5	370500	5	12	6	20.20	19.00	0.079
DFT-s-OFDM 256QAM	1852.5	370500	5	25	0	19.87	18.67	0.074
CP-OFDM QPSK	1852.5	370500	5	1	0	23.77	22.57	0.181
CP-OFDM QPSK	1852.5	370500	5	1	24	23.21	22.01	0.159
CP-OFDM QPSK	1852.5	370500	5	13	6	23.60	22.40	0.174
CP-OFDM QPSK	1852.5	370500	5	25	0	22.01	20.81	0.121
CP-OFDM 16QAM	1852.5	370500	5	1	0	22.72	21.52	0.142
CP-OFDM 16QAM	1852.5	370500	5	1	24	23.10	21.90	0.155
CP-OFDM 16QAM	1852.5	370500	5	13	6	23.49	22.29	0.169
CP-OFDM 16QAM	1852.5	370500	5	25	0	22.22	21.02	0.126
CP-OFDM 64QAM	1852.5	370500	5	1	0	22.61	21.41	0.138
CP-OFDM 64QAM	1852.5	370500	5	1	24	22.99	21.79	0.151
CP-OFDM 64QAM	1852.5	370500	5	13	6	22.43	21.23	0.133
CP-OFDM 64QAM	1852.5	370500	5	25	0	22.82	21.62	0.145
CP-OFDM 256QAM	1852.5	370500	5	1	0	20.10	18.90	0.078
CP-OFDM 256QAM	1852.5	370500	5	1	24	20.94	19.74	0.094
CP-OFDM 256QAM	1852.5	370500	5	13	6	19.99	18.79	0.076
CP-OFDM 256QAM	1852.5	370500	5	25	0	20.23	19.03	0.080
DFT-s-OFDM PI/2 BPSK	1880	376000	5	12	6	23.08	21.88	0.154
DFT-s-OFDM PI/2 BPSK	1880	376000	5	1	1	23.46	22.26	0.168
DFT-s-OFDM PI/2 BPSK	1880	376000	5	1	23	22.90	21.70	0.148
DFT-s-OFDM QPSK	1880	376000	5	12	6	23.29	22.09	0.162
DFT-s-OFDM QPSK	1880	376000	5	1	1	23.68	22.48	0.177
DFT-s-OFDM QPSK	1880	376000	5	1	23	22.08	20.88	0.122
DFT-s-OFDM QPSK	1880	376000	5	12	6	23.50	22.30	0.170

DFT-s-OFDM QPSK	1880	376000	5	25	0	23.18	21.98	0.158
DFT-s-OFDM 16QAM	1880	376000	5	1	0	22.62	21.42	0.139
DFT-s-OFDM 16QAM	1880	376000	5	1	24	23.01	21.81	0.152
DFT-s-OFDM 16QAM	1880	376000	5	12	6	22.12	20.92	0.124
DFT-s-OFDM 16QAM	1880	376000	5	25	0	22.51	21.31	0.135
DFT-s-OFDM 64QAM	1880	376000	5	1	0	22.90	21.70	0.148
DFT-s-OFDM 64QAM	1880	376000	5	1	24	23.28	22.08	0.161
DFT-s-OFDM 64QAM	1880	376000	5	12	6	22.01	20.81	0.121
DFT-s-OFDM 64QAM	1880	376000	5	25	0	22.40	21.20	0.132
DFT-s-OFDM 256QAM	1880	376000	5	1	0	20.89	19.69	0.093
DFT-s-OFDM 256QAM	1880	376000	5	1	24	19.94	18.74	0.075
DFT-s-OFDM 256QAM	1880	376000	5	12	6	20.17	18.97	0.079
DFT-s-OFDM 256QAM	1880	376000	5	25	0	20.40	19.20	0.083
CP-OFDM QPSK	1880	376000	5	1	0	22.44	21.24	0.133
CP-OFDM QPSK	1880	376000	5	1	24	22.12	20.92	0.124
CP-OFDM QPSK	1880	376000	5	13	6	22.50	21.30	0.135
CP-OFDM QPSK	1880	376000	5	25	0	23.93	22.73	0.187
CP-OFDM 16QAM	1880	376000	5	1	0	23.60	22.40	0.174
CP-OFDM 16QAM	1880	376000	5	1	24	23.04	21.84	0.153
CP-OFDM 16QAM	1880	376000	5	13	6	23.43	22.23	0.167
CP-OFDM 16QAM	1880	376000	5	25	0	23.82	22.62	0.183
CP-OFDM 64QAM	1880	376000	5	1	0	22.22	21.02	0.126
CP-OFDM 64QAM	1880	376000	5	1	24	23.64	22.44	0.175
CP-OFDM 64QAM	1880	376000	5	13	6	23.32	22.12	0.163
CP-OFDM 64QAM	1880	376000	5	25	0	23.71	22.51	0.178
CP-OFDM 256QAM	1880	376000	5	1	0	20.49	19.29	0.085
CP-OFDM 256QAM	1880	376000	5	1	24	20.72	19.52	0.090
CP-OFDM 256QAM	1880	376000	5	13	6	20.95	19.75	0.094
CP-OFDM 256QAM	1880	376000	5	25	0	20.00	18.80	0.076
DFT-s-OFDM PI/2 BPSK	1907.5	381500	5	12	6	22.91	21.71	0.148
DFT-s-OFDM PI/2 BPSK	1907.5	381500	5	1	1	23.29	22.09	0.162
DFT-s-OFDM PI/2 BPSK	1907.5	381500	5	1	23	22.73	21.53	0.142
DFT-s-OFDM QPSK	1907.5	381500	5	12	6	23.12	21.92	0.156
DFT-s-OFDM QPSK	1907.5	381500	5	1	1	23.51	22.31	0.170
DFT-s-OFDM QPSK	1907.5	381500	5	1	23	23.89	22.69	0.186
DFT-s-OFDM QPSK	1907.5	381500	5	12	6	23.33	22.13	0.163
DFT-s-OFDM QPSK	1907.5	381500	5	25	0	23.72	22.52	0.179
DFT-s-OFDM 16QAM	1907.5	381500	5	1	0	22.13	20.93	0.124
DFT-s-OFDM 16QAM	1907.5	381500	5	1	24	22.51	21.31	0.135
DFT-s-OFDM 16QAM	1907.5	381500	5	12	6	23.93	22.73	0.187
DFT-s-OFDM 16QAM	1907.5	381500	5	25	0	22.34	21.14	0.130
DFT-s-OFDM 64QAM	1907.5	381500	5	1	0	22.73	21.53	0.142
DFT-s-OFDM 64QAM	1907.5	381500	5	1	24	23.11	21.91	0.155
DFT-s-OFDM 64QAM	1907.5	381500	5	12	6	22.55	21.35	0.136
DFT-s-OFDM 64QAM	1907.5	381500	5	25	0	22.94	21.74	0.149
DFT-s-OFDM 256QAM	1907.5	381500	5	1	0	20.59	19.39	0.087

DFT-s-OFDM 256QAM	1907.5	381500	5	1	24	20.82	19.62	0.092
DFT-s-OFDM 256QAM	1907.5	381500	5	12	6	20.49	19.29	0.085
DFT-s-OFDM 256QAM	1907.5	381500	5	25	0	20.72	19.52	0.090
CP-OFDM QPSK	1907.5	381500	5	1	0	23.93	22.73	0.187
CP-OFDM QPSK	1907.5	381500	5	1	24	22.66	21.46	0.140
CP-OFDM QPSK	1907.5	381500	5	13	6	23.04	21.84	0.153
CP-OFDM QPSK	1907.5	381500	5	25	0	22.16	20.96	0.125
CP-OFDM 16QAM	1907.5	381500	5	1	0	22.55	21.35	0.136
CP-OFDM 16QAM	1907.5	381500	5	1	24	22.93	21.73	0.149
CP-OFDM 16QAM	1907.5	381500	5	13	6	22.38	21.18	0.131
CP-OFDM 16QAM	1907.5	381500	5	25	0	22.76	21.56	0.143
CP-OFDM 64QAM	1907.5	381500	5	1	0	23.15	21.95	0.157
CP-OFDM 64QAM	1907.5	381500	5	1	24	23.54	22.34	0.171
CP-OFDM 64QAM	1907.5	381500	5	13	6	22.98	21.78	0.151
CP-OFDM 64QAM	1907.5	381500	5	25	0	23.36	22.16	0.164
CP-OFDM 256QAM	1907.5	381500	5	1	0	20.84	19.64	0.092
CP-OFDM 256QAM	1907.5	381500	5	1	24	19.89	18.69	0.074
CP-OFDM 256QAM	1907.5	381500	5	13	6	20.74	19.54	0.090
CP-OFDM 256QAM	1907.5	381500	5	25	0	20.97	19.77	0.095

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
DFT-s-OFDM PI/2 BPSK	1855	371000	10	25	12	22.21	21.01	0.126
DFT-s-OFDM PI/2 BPSK	1855	371000	10	1	1	23.63	22.43	0.175
DFT-s-OFDM PI/2 BPSK	1855	371000	10	1	50	22.04	20.84	0.121
DFT-s-OFDM QPSK	1855	371000	10	25	12	22.43	21.23	0.133
DFT-s-OFDM QPSK	1855	371000	10	1	1	22.81	21.61	0.145
DFT-s-OFDM QPSK	1855	371000	10	1	50	23.52	22.32	0.171
DFT-s-OFDM QPSK	1855	371000	10	25	12	23.91	22.71	0.187
DFT-s-OFDM QPSK	1855	371000	10	50	0	22.32	21.12	0.129
DFT-s-OFDM 16QAM	1855	371000	10	1	0	23.74	22.54	0.179
DFT-s-OFDM 16QAM	1855	371000	10	1	51	22.14	20.94	0.124
DFT-s-OFDM 16QAM	1855	371000	10	25	12	22.53	21.33	0.136
DFT-s-OFDM 16QAM	1855	371000	10	50	0	22.92	21.72	0.149
DFT-s-OFDM 64QAM	1855	371000	10	1	0	22.36	21.16	0.131
DFT-s-OFDM 64QAM	1855	371000	10	1	51	22.74	21.54	0.143
DFT-s-OFDM 64QAM	1855	371000	10	25	12	23.13	21.93	0.156
DFT-s-OFDM 64QAM	1855	371000	10	50	0	23.84	22.64	0.184
DFT-s-OFDM 256QAM	1855	371000	10	1	0	19.95	18.75	0.075
DFT-s-OFDM 256QAM	1855	371000	10	1	51	20.18	18.98	0.079
DFT-s-OFDM 256QAM	1855	371000	10	25	12	19.85	18.65	0.073
DFT-s-OFDM 256QAM	1855	371000	10	50	0	20.08	18.88	0.077
CP-OFDM QPSK	1855	371000	10	1	0	22.14	20.94	0.124
CP-OFDM QPSK	1855	371000	10	1	51	23.56	22.36	0.172
CP-OFDM QPSK	1855	371000	10	26	13	23.95	22.75	0.188
CP-OFDM QPSK	1855	371000	10	52	0	22.35	21.15	0.130

CP-OFDM 16QAM	1855	371000	10	1	0	22.74	21.54	0.143
CP-OFDM 16QAM	1855	371000	10	1	51	23.45	22.25	0.168
CP-OFDM 16QAM	1855	371000	10	26	13	23.83	22.63	0.183
CP-OFDM 16QAM	1855	371000	10	52	0	23.28	22.08	0.161
CP-OFDM 64QAM	1855	371000	10	1	0	23.66	22.46	0.176
CP-OFDM 64QAM	1855	371000	10	1	51	22.07	20.87	0.122
CP-OFDM 64QAM	1855	371000	10	26	13	22.46	21.26	0.134
CP-OFDM 64QAM	1855	371000	10	52	0	23.88	22.68	0.185
CP-OFDM 256QAM	1855	371000	10	1	0	20.73	19.53	0.090
CP-OFDM 256QAM	1855	371000	10	1	51	20.96	19.76	0.095
CP-OFDM 256QAM	1855	371000	10	26	13	20.62	19.42	0.087
CP-OFDM 256QAM	1855	371000	10	52	0	20.85	19.65	0.092
DFT-s-OFDM PI/2 BPSK	1880	376000	10	25	12	22.15	20.95	0.124
DFT-s-OFDM PI/2 BPSK	1880	376000	10	1	1	22.54	21.34	0.136
DFT-s-OFDM PI/2 BPSK	1880	376000	10	1	50	22.93	21.73	0.149
DFT-s-OFDM QPSK	1880	376000	10	25	12	22.37	21.17	0.131
DFT-s-OFDM QPSK	1880	376000	10	1	1	22.75	21.55	0.143
DFT-s-OFDM QPSK	1880	376000	10	1	50	23.14	21.94	0.156
DFT-s-OFDM QPSK	1880	376000	10	25	12	23.53	22.33	0.171
DFT-s-OFDM QPSK	1880	376000	10	50	0	22.97	21.77	0.150
DFT-s-OFDM 16QAM	1880	376000	10	1	0	23.35	22.15	0.164
DFT-s-OFDM 16QAM	1880	376000	10	1	51	23.74	22.54	0.179
DFT-s-OFDM 16QAM	1880	376000	10	25	12	22.15	20.95	0.124
DFT-s-OFDM 16QAM	1880	376000	10	50	0	23.57	22.37	0.173
DFT-s-OFDM 64QAM	1880	376000	10	1	0	23.95	22.75	0.188
DFT-s-OFDM 64QAM	1880	376000	10	1	51	22.68	21.48	0.141
DFT-s-OFDM 64QAM	1880	376000	10	25	12	23.07	21.87	0.154
DFT-s-OFDM 64QAM	1880	376000	10	50	0	23.46	22.26	0.168
DFT-s-OFDM 256QAM	1880	376000	10	1	0	20.90	19.70	0.093
DFT-s-OFDM 256QAM	1880	376000	10	1	51	20.57	19.37	0.086
DFT-s-OFDM 256QAM	1880	376000	10	25	12	20.80	19.60	0.091
DFT-s-OFDM 256QAM	1880	376000	10	50	0	19.85	18.65	0.073
CP-OFDM QPSK	1880	376000	10	1	0	22.79	21.59	0.144
CP-OFDM QPSK	1880	376000	10	1	51	23.17	21.97	0.157
CP-OFDM QPSK	1880	376000	10	26	13	23.56	22.36	0.172
CP-OFDM QPSK	1880	376000	10	52	0	23.95	22.75	0.188
CP-OFDM 16QAM	1880	376000	10	1	0	23.39	22.19	0.166
CP-OFDM 16QAM	1880	376000	10	1	51	23.77	22.57	0.181
CP-OFDM 16QAM	1880	376000	10	26	13	22.18	20.98	0.125
CP-OFDM 16QAM	1880	376000	10	52	0	22.57	21.37	0.137
CP-OFDM 64QAM	1880	376000	10	1	0	22.01	20.81	0.121
CP-OFDM 64QAM	1880	376000	10	1	51	22.39	21.19	0.132
CP-OFDM 64QAM	1880	376000	10	26	13	22.78	21.58	0.144
CP-OFDM 64QAM	1880	376000	10	52	0	23.17	21.97	0.157
CP-OFDM 256QAM	1880	376000	10	1	0	20.92	19.72	0.094
CP-OFDM 256QAM	1880	376000	10	1	51	19.97	18.77	0.075

CP-OFDM 256QAM	1880	376000	10	26	13	20.82	19.62	0.092
CP-OFDM 256QAM	1880	376000	10	52	0	19.87	18.67	0.074
DFT-s-OFDM PI/2 BPSK	1905	381000	10	25	12	23.47	22.27	0.169
DFT-s-OFDM PI/2 BPSK	1905	381000	10	1	1	23.85	22.65	0.184
DFT-s-OFDM PI/2 BPSK	1905	381000	10	1	50	23.29	22.09	0.162
DFT-s-OFDM QPSK	1905	381000	10	25	12	23.68	22.48	0.177
DFT-s-OFDM QPSK	1905	381000	10	1	1	22.09	20.89	0.123
DFT-s-OFDM QPSK	1905	381000	10	1	50	22.47	21.27	0.134
DFT-s-OFDM QPSK	1905	381000	10	25	12	23.89	22.69	0.186
DFT-s-OFDM QPSK	1905	381000	10	50	0	22.30	21.10	0.129
DFT-s-OFDM 16QAM	1905	381000	10	1	0	22.69	21.49	0.141
DFT-s-OFDM 16QAM	1905	381000	10	1	51	23.07	21.87	0.154
DFT-s-OFDM 16QAM	1905	381000	10	25	12	22.19	20.99	0.126
DFT-s-OFDM 16QAM	1905	381000	10	50	0	22.90	21.70	0.148
DFT-s-OFDM 64QAM	1905	381000	10	1	0	23.29	22.09	0.162
DFT-s-OFDM 64QAM	1905	381000	10	1	51	22.40	21.20	0.132
DFT-s-OFDM 64QAM	1905	381000	10	25	12	23.11	21.91	0.155
DFT-s-OFDM 64QAM	1905	381000	10	50	0	23.18	21.98	0.158
DFT-s-OFDM 256QAM	1905	381000	10	1	0	20.17	18.97	0.079
DFT-s-OFDM 256QAM	1905	381000	10	1	51	20.40	19.20	0.083
DFT-s-OFDM 256QAM	1905	381000	10	25	12	20.63	19.43	0.088
DFT-s-OFDM 256QAM	1905	381000	10	50	0	19.87	18.67	0.074
CP-OFDM QPSK	1905	381000	10	1	0	22.51	21.31	0.135
CP-OFDM QPSK	1905	381000	10	1	51	22.89	21.69	0.148
CP-OFDM QPSK	1905	381000	10	26	13	22.01	20.81	0.121
CP-OFDM QPSK	1905	381000	10	52	0	22.72	21.52	0.142
CP-OFDM 16QAM	1905	381000	10	1	0	23.82	22.62	0.183
CP-OFDM 16QAM	1905	381000	10	1	51	22.22	21.02	0.126
CP-OFDM 16QAM	1905	381000	10	26	13	22.61	21.41	0.138
CP-OFDM 16QAM	1905	381000	10	52	0	23.00	21.80	0.151
CP-OFDM 64QAM	1905	381000	10	1	0	22.44	21.24	0.133
CP-OFDM 64QAM	1905	381000	10	1	51	22.82	21.62	0.145
CP-OFDM 64QAM	1905	381000	10	26	13	23.21	22.01	0.159
CP-OFDM 64QAM	1905	381000	10	52	0	23.60	22.40	0.174
CP-OFDM 256QAM	1905	381000	10	1	0	20.42	19.22	0.084
CP-OFDM 256QAM	1905	381000	10	1	51	20.65	19.45	0.088
CP-OFDM 256QAM	1905	381000	10	26	13	20.88	19.68	0.093
CP-OFDM 256QAM	1905	381000	10	52	0	19.93	18.73	0.075

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
DFT-s-OFDM PI/2 BPSK	1857.5	371500	15	36	18	23.98	22.78	0.190
DFT-s-OFDM PI/2 BPSK	1857.5	371500	15	1	1	22.39	21.19	0.132
DFT-s-OFDM PI/2 BPSK	1857.5	371500	15	1	77	22.77	21.57	0.144
DFT-s-OFDM QPSK	1857.5	371500	15	36	18	23.48	22.28	0.169
DFT-s-OFDM QPSK	1857.5	371500	15	1	1	23.87	22.67	0.185

DFT-s-OFDM QPSK	1857.5	371500	15	1	77	22.28	21.08	0.128
DFT-s-OFDM QPSK	1857.5	371500	15	36	18	23.70	22.50	0.178
DFT-s-OFDM QPSK	1857.5	371500	15	75	0	22.10	20.90	0.123
DFT-s-OFDM 16QAM	1857.5	371500	15	1	0	22.49	21.29	0.135
DFT-s-OFDM 16QAM	1857.5	371500	15	1	78	22.88	21.68	0.147
DFT-s-OFDM 16QAM	1857.5	371500	15	36	18	22.32	21.12	0.129
DFT-s-OFDM 16QAM	1857.5	371500	15	75	0	23.97	22.77	0.189
DFT-s-OFDM 64QAM	1857.5	371500	15	1	0	22.38	21.18	0.131
DFT-s-OFDM 64QAM	1857.5	371500	15	1	78	23.80	22.60	0.182
DFT-s-OFDM 64QAM	1857.5	371500	15	36	18	22.21	21.01	0.126
DFT-s-OFDM 64QAM	1857.5	371500	15	75	0	22.59	21.39	0.138
DFT-s-OFDM 256QAM	1857.5	371500	15	1	0	20.39	19.19	0.083
DFT-s-OFDM 256QAM	1857.5	371500	15	1	78	20.05	18.85	0.077
DFT-s-OFDM 256QAM	1857.5	371500	15	36	18	19.86	18.66	0.073
DFT-s-OFDM 256QAM	1857.5	371500	15	75	0	20.71	19.51	0.089
CP-OFDM QPSK	1857.5	371500	15	1	0	23.90	22.70	0.186
CP-OFDM QPSK	1857.5	371500	15	1	78	22.31	21.11	0.129
CP-OFDM QPSK	1857.5	371500	15	39	19	22.70	21.50	0.141
CP-OFDM QPSK	1857.5	371500	15	79	0	22.14	20.94	0.124
CP-OFDM 16QAM	1857.5	371500	15	1	0	22.52	21.32	0.136
CP-OFDM 16QAM	1857.5	371500	15	1	78	22.91	21.71	0.148
CP-OFDM 16QAM	1857.5	371500	15	39	19	23.62	22.42	0.175
CP-OFDM 16QAM	1857.5	371500	15	79	0	22.03	20.83	0.121
CP-OFDM 64QAM	1857.5	371500	15	1	0	22.41	21.21	0.132
CP-OFDM 64QAM	1857.5	371500	15	1	78	22.80	21.60	0.145
CP-OFDM 64QAM	1857.5	371500	15	39	19	23.51	22.31	0.170
CP-OFDM 64QAM	1857.5	371500	15	79	0	23.90	22.70	0.186
CP-OFDM 256QAM	1857.5	371500	15	1	0	20.60	19.40	0.087
CP-OFDM 256QAM	1857.5	371500	15	1	78	20.41	19.21	0.083
CP-OFDM 256QAM	1857.5	371500	15	39	19	20.64	19.44	0.088
CP-OFDM 256QAM	1857.5	371500	15	79	0	20.30	19.10	0.081
DFT-s-OFDM PI/2 BPSK	1880	376000	15	36	18	22.89	21.69	0.148
DFT-s-OFDM PI/2 BPSK	1880	376000	15	1	1	22.33	21.13	0.130
DFT-s-OFDM PI/2 BPSK	1880	376000	15	1	77	22.71	21.51	0.142
DFT-s-OFDM QPSK	1880	376000	15	36	18	23.10	21.90	0.155
DFT-s-OFDM QPSK	1880	376000	15	1	1	23.49	22.29	0.169
DFT-s-OFDM QPSK	1880	376000	15	1	77	22.93	21.73	0.149
DFT-s-OFDM QPSK	1880	376000	15	36	18	23.31	22.11	0.163
DFT-s-OFDM QPSK	1880	376000	15	75	0	23.70	22.50	0.178
DFT-s-OFDM 16QAM	1880	376000	15	1	0	22.11	20.91	0.123
DFT-s-OFDM 16QAM	1880	376000	15	1	78	23.91	22.71	0.187
DFT-s-OFDM 16QAM	1880	376000	15	36	18	22.32	21.12	0.129
DFT-s-OFDM 16QAM	1880	376000	15	75	0	22.71	21.51	0.142
DFT-s-OFDM 64QAM	1880	376000	15	1	0	22.15	20.95	0.124
DFT-s-OFDM 64QAM	1880	376000	15	1	78	23.80	22.60	0.182
DFT-s-OFDM 64QAM	1880	376000	15	36	18	22.21	21.01	0.126



DFT-s-OFDM 64QAM	1880	376000	15	75	0	23.63	22.43	0.175
DFT-s-OFDM 256QAM	1880	376000	15	1	0	19.82	18.62	0.073
DFT-s-OFDM 256QAM	1880	376000	15	1	78	20.05	18.85	0.077
DFT-s-OFDM 256QAM	1880	376000	15	36	18	20.28	19.08	0.081
DFT-s-OFDM 256QAM	1880	376000	15	75	0	19.95	18.75	0.075
CP-OFDM QPSK	1880	376000	15	1	0	22.64	21.44	0.139
CP-OFDM QPSK	1880	376000	15	1	78	23.02	21.82	0.152
CP-OFDM QPSK	1880	376000	15	39	19	23.41	22.21	0.166
CP-OFDM QPSK	1880	376000	15	79	0	22.85	21.65	0.146
CP-OFDM 16QAM	1880	376000	15	1	0	22.53	21.33	0.136
CP-OFDM 16QAM	1880	376000	15	1	78	23.62	22.42	0.175
CP-OFDM 16QAM	1880	376000	15	39	19	22.35	21.15	0.130
CP-OFDM 16QAM	1880	376000	15	79	0	22.74	21.54	0.143
CP-OFDM 64QAM	1880	376000	15	1	0	23.13	21.93	0.156
CP-OFDM 64QAM	1880	376000	15	1	78	22.57	21.37	0.137
CP-OFDM 64QAM	1880	376000	15	39	19	22.95	21.75	0.150
CP-OFDM 64QAM	1880	376000	15	79	0	23.34	22.14	0.164
CP-OFDM 256QAM	1880	376000	15	1	0	20.83	19.63	0.092
CP-OFDM 256QAM	1880	376000	15	1	78	20.50	19.30	0.085
CP-OFDM 256QAM	1880	376000	15	39	19	20.73	19.53	0.090
CP-OFDM 256QAM	1880	376000	15	79	0	20.96	19.76	0.095
DFT-s-OFDM PI/2 BPSK	1902.5	380500	15	36	18	23.14	21.94	0.156
DFT-s-OFDM PI/2 BPSK	1902.5	380500	15	1	1	23.53	22.33	0.171
DFT-s-OFDM PI/2 BPSK	1902.5	380500	15	1	77	23.92	22.72	0.187
DFT-s-OFDM QPSK	1902.5	380500	15	36	18	23.36	22.16	0.164
DFT-s-OFDM QPSK	1902.5	380500	15	1	1	23.74	22.54	0.179
DFT-s-OFDM QPSK	1902.5	380500	15	1	77	22.15	20.95	0.124
DFT-s-OFDM QPSK	1902.5	380500	15	36	18	22.54	21.34	0.136
DFT-s-OFDM QPSK	1902.5	380500	15	75	0	23.96	22.76	0.189
DFT-s-OFDM 16QAM	1902.5	380500	15	1	0	22.36	21.16	0.131
DFT-s-OFDM 16QAM	1902.5	380500	15	1	78	22.75	21.55	0.143
DFT-s-OFDM 16QAM	1902.5	380500	15	36	18	23.85	22.65	0.184
DFT-s-OFDM 16QAM	1902.5	380500	15	75	0	22.25	21.05	0.127
DFT-s-OFDM 64QAM	1902.5	380500	15	1	0	22.64	21.44	0.139
DFT-s-OFDM 64QAM	1902.5	380500	15	1	78	22.08	20.88	0.122
DFT-s-OFDM 64QAM	1902.5	380500	15	36	18	22.47	21.27	0.134
DFT-s-OFDM 64QAM	1902.5	380500	15	75	0	22.85	21.65	0.146
DFT-s-OFDM 256QAM	1902.5	380500	15	1	0	20.54	19.34	0.086
DFT-s-OFDM 256QAM	1902.5	380500	15	1	78	20.21	19.01	0.080
DFT-s-OFDM 256QAM	1902.5	380500	15	36	18	20.44	19.24	0.084
DFT-s-OFDM 256QAM	1902.5	380500	15	75	0	20.67	19.47	0.089
CP-OFDM QPSK	1902.5	380500	15	1	0	23.84	22.64	0.184
CP-OFDM QPSK	1902.5	380500	15	1	78	23.28	22.08	0.161
CP-OFDM QPSK	1902.5	380500	15	39	19	23.67	22.47	0.177
CP-OFDM QPSK	1902.5	380500	15	79	0	22.07	20.87	0.122
CP-OFDM 16QAM	1902.5	380500	15	1	0	23.17	21.97	0.157

CP-OFDM 16QAM	1902.5	380500	15	1	78	23.56	22.36	0.172
CP-OFDM 16QAM	1902.5	380500	15	39	19	23.00	21.80	0.151
CP-OFDM 16QAM	1902.5	380500	15	79	0	23.38	22.18	0.165
CP-OFDM 64QAM	1902.5	380500	15	1	0	23.77	22.57	0.181
CP-OFDM 64QAM	1902.5	380500	15	1	78	22.18	20.98	0.125
CP-OFDM 64QAM	1902.5	380500	15	39	19	23.60	22.40	0.174
CP-OFDM 64QAM	1902.5	380500	15	79	0	23.98	22.78	0.190
CP-OFDM 256QAM	1902.5	380500	15	1	0	20.03	18.83	0.076
CP-OFDM 256QAM	1902.5	380500	15	1	78	20.27	19.07	0.081
CP-OFDM 256QAM	1902.5	380500	15	39	19	20.92	19.72	0.094
CP-OFDM 256QAM	1902.5	380500	15	79	0	19.97	18.77	0.075

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
DFT-s-OFDM PI/2 BPSK	1860	372000	20	50	25	22.35	21.15	0.130
DFT-s-OFDM PI/2 BPSK	1860	372000	20	1	1	22.73	21.53	0.142
DFT-s-OFDM PI/2 BPSK	1860	372000	20	1	104	23.44	22.24	0.167
DFT-s-OFDM QPSK	1860	372000	20	50	25	23.83	22.63	0.183
DFT-s-OFDM QPSK	1860	372000	20	1	1	22.24	21.04	0.127
DFT-s-OFDM QPSK	1860	372000	20	1	104	22.62	21.42	0.139
DFT-s-OFDM QPSK	1860	372000	20	50	25	22.06	20.86	0.122
DFT-s-OFDM QPSK	1860	372000	20	100	0	22.45	21.25	0.133
DFT-s-OFDM 16QAM	1860	372000	20	1	0	22.84	21.64	0.146
DFT-s-OFDM 16QAM	1860	372000	20	1	105	23.22	22.02	0.159
DFT-s-OFDM 16QAM	1860	372000	20	50	25	22.66	21.46	0.140
DFT-s-OFDM 16QAM	1860	372000	20	100	0	23.05	21.85	0.153
DFT-s-OFDM 64QAM	1860	372000	20	1	0	23.44	22.24	0.167
DFT-s-OFDM 64QAM	1860	372000	20	1	105	23.82	22.62	0.183
DFT-s-OFDM 64QAM	1860	372000	20	50	25	23.26	22.06	0.161
DFT-s-OFDM 64QAM	1860	372000	20	100	0	23.65	22.45	0.176
DFT-s-OFDM 256QAM	1860	372000	20	1	0	19.84	18.64	0.073
DFT-s-OFDM 256QAM	1860	372000	20	1	105	20.07	18.87	0.077
DFT-s-OFDM 256QAM	1860	372000	20	50	25	20.91	19.71	0.094
DFT-s-OFDM 256QAM	1860	372000	20	100	0	19.96	18.76	0.075
CP-OFDM QPSK	1860	372000	20	1	0	22.66	21.46	0.140
CP-OFDM QPSK	1860	372000	20	1	105	23.04	21.84	0.153
CP-OFDM QPSK	1860	372000	20	53	26	22.48	21.28	0.134
CP-OFDM QPSK	1860	372000	20	106	0	22.16	20.96	0.125
CP-OFDM 16QAM	1860	372000	20	1	0	23.58	22.38	0.173
CP-OFDM 16QAM	1860	372000	20	1	105	23.97	22.77	0.189
CP-OFDM 16QAM	1860	372000	20	53	26	22.37	21.17	0.131
CP-OFDM 16QAM	1860	372000	20	106	0	22.76	21.56	0.143
CP-OFDM 64QAM	1860	372000	20	1	0	22.20	21.00	0.126
CP-OFDM 64QAM	1860	372000	20	1	105	22.59	21.39	0.138
CP-OFDM 64QAM	1860	372000	20	53	26	22.97	21.77	0.150
CP-OFDM 64QAM	1860	372000	20	106	0	23.36	22.16	0.164

CP-OFDM 256QAM	1860	372000	20	1	0	20.28	19.08	0.081
CP-OFDM 256QAM	1860	372000	20	1	105	20.09	18.89	0.077
CP-OFDM 256QAM	1860	372000	20	53	26	20.32	19.12	0.082
CP-OFDM 256QAM	1860	372000	20	106	0	19.98	18.78	0.076
DFT-s-OFDM PI/2 BPSK	1880	376000	20	50	25	23.44	22.24	0.167
DFT-s-OFDM PI/2 BPSK	1880	376000	20	1	1	23.83	22.63	0.183
DFT-s-OFDM PI/2 BPSK	1880	376000	20	1	104	23.27	22.07	0.161
DFT-s-OFDM QPSK	1880	376000	20	50	25	23.66	22.46	0.176
DFT-s-OFDM QPSK	1880	376000	20	1	1	22.06	20.86	0.122
DFT-s-OFDM QPSK	1880	376000	20	1	104	22.45	21.25	0.133
DFT-s-OFDM QPSK	1880	376000	20	50	25	23.87	22.67	0.185
DFT-s-OFDM QPSK	1880	376000	20	100	0	23.55	22.35	0.172
DFT-s-OFDM 16QAM	1880	376000	20	1	0	22.66	21.46	0.140
DFT-s-OFDM 16QAM	1880	376000	20	1	105	23.38	22.18	0.165
DFT-s-OFDM 16QAM	1880	376000	20	50	25	23.76	22.56	0.180
DFT-s-OFDM 16QAM	1880	376000	20	100	0	22.17	20.97	0.125
DFT-s-OFDM 64QAM	1880	376000	20	1	0	23.59	22.39	0.173
DFT-s-OFDM 64QAM	1880	376000	20	1	105	23.98	22.78	0.190
DFT-s-OFDM 64QAM	1880	376000	20	50	25	22.38	21.18	0.131
DFT-s-OFDM 64QAM	1880	376000	20	100	0	22.77	21.57	0.144
DFT-s-OFDM 256QAM	1880	376000	20	1	0	19.93	18.73	0.075
DFT-s-OFDM 256QAM	1880	376000	20	1	105	20.16	18.96	0.079
DFT-s-OFDM 256QAM	1880	376000	20	50	25	19.96	18.76	0.075
DFT-s-OFDM 256QAM	1880	376000	20	100	0	20.81	19.61	0.091
CP-OFDM QPSK	1880	376000	20	1	0	22.10	20.90	0.123
CP-OFDM QPSK	1880	376000	20	1	105	22.49	21.29	0.135
CP-OFDM QPSK	1880	376000	20	53	26	22.87	21.67	0.147
CP-OFDM QPSK	1880	376000	20	106	0	22.31	21.11	0.129
CP-OFDM 16QAM	1880	376000	20	1	0	22.70	21.50	0.141
CP-OFDM 16QAM	1880	376000	20	1	105	23.09	21.89	0.155
CP-OFDM 16QAM	1880	376000	20	53	26	23.47	22.27	0.169
CP-OFDM 16QAM	1880	376000	20	106	0	22.91	21.71	0.148
CP-OFDM 64QAM	1880	376000	20	1	0	23.30	22.10	0.162
CP-OFDM 64QAM	1880	376000	20	1	105	23.69	22.49	0.177
CP-OFDM 64QAM	1880	376000	20	53	26	22.09	20.89	0.123
CP-OFDM 64QAM	1880	376000	20	106	0	23.51	22.31	0.170
CP-OFDM 256QAM	1880	376000	20	1	0	20.93	19.73	0.094
CP-OFDM 256QAM	1880	376000	20	1	105	19.98	18.78	0.076
CP-OFDM 256QAM	1880	376000	20	53	26	20.21	19.01	0.080
CP-OFDM 256QAM	1880	376000	20	106	0	19.88	18.68	0.074
DFT-s-OFDM PI/2 BPSK	1900	380000	20	50	25	22.82	21.62	0.145
DFT-s-OFDM PI/2 BPSK	1900	380000	20	1	1	23.20	22.00	0.158
DFT-s-OFDM PI/2 BPSK	1900	380000	20	1	104	23.59	22.39	0.173
DFT-s-OFDM QPSK	1900	380000	20	50	25	23.98	22.78	0.190
DFT-s-OFDM QPSK	1900	380000	20	1	1	23.42	22.22	0.167
DFT-s-OFDM QPSK	1900	380000	20	1	104	23.81	22.61	0.182

DFT-s-OFDM QPSK	1900	380000	20	50	25	22.92	21.72	0.149
DFT-s-OFDM QPSK	1900	380000	20	100	0	23.31	22.11	0.163
DFT-s-OFDM 16QAM	1900	380000	20	1	0	23.69	22.49	0.177
DFT-s-OFDM 16QAM	1900	380000	20	1	105	22.10	20.90	0.123
DFT-s-OFDM 16QAM	1900	380000	20	50	25	23.52	22.32	0.171
DFT-s-OFDM 16QAM	1900	380000	20	100	0	23.91	22.71	0.187
DFT-s-OFDM 64QAM	1900	380000	20	1	0	23.03	21.83	0.152
DFT-s-OFDM 64QAM	1900	380000	20	1	105	23.41	22.21	0.166
DFT-s-OFDM 64QAM	1900	380000	20	50	25	23.80	22.60	0.182
DFT-s-OFDM 64QAM	1900	380000	20	100	0	23.24	22.04	0.160
DFT-s-OFDM 256QAM	1900	380000	20	1	0	20.77	19.57	0.091
DFT-s-OFDM 256QAM	1900	380000	20	1	105	19.82	18.62	0.073
DFT-s-OFDM 256QAM	1900	380000	20	50	25	20.05	18.85	0.077
DFT-s-OFDM 256QAM	1900	380000	20	100	0	20.71	19.51	0.089
CP-OFDM QPSK	1900	380000	20	1	0	23.90	22.70	0.186
CP-OFDM QPSK	1900	380000	20	1	105	23.34	22.14	0.164
CP-OFDM QPSK	1900	380000	20	53	26	23.73	22.53	0.179
CP-OFDM QPSK	1900	380000	20	106	0	22.14	20.94	0.124
CP-OFDM 16QAM	1900	380000	20	1	0	23.23	22.03	0.160
CP-OFDM 16QAM	1900	380000	20	1	105	23.62	22.42	0.175
CP-OFDM 16QAM	1900	380000	20	53	26	23.06	21.86	0.153
CP-OFDM 16QAM	1900	380000	20	106	0	23.45	22.25	0.168
CP-OFDM 64QAM	1900	380000	20	1	0	23.83	22.63	0.183
CP-OFDM 64QAM	1900	380000	20	1	105	22.24	21.04	0.127
CP-OFDM 64QAM	1900	380000	20	53	26	23.66	22.46	0.176
CP-OFDM 64QAM	1900	380000	20	106	0	23.72	22.52	0.179
CP-OFDM 256QAM	1900	380000	20	1	0	20.50	19.30	0.085
CP-OFDM 256QAM	1900	380000	20	1	105	20.73	19.53	0.090
CP-OFDM 256QAM	1900	380000	20	53	26	20.96	19.76	0.095
CP-OFDM 256QAM	1900	380000	20	106	0	20.01	18.81	0.076