APPENDIX A – TEST DATA OF CONDUCTED EMISSION

NSA DC_66A_n2A (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	1	0	22.33
DFT-s-OFDM PI/2 BPSK	1852.5	370500	5	1	24	22.93
DFT-s-OFDM PI/2 BPSK	1852.5	370500	5	12	6	22.66
DFT-s-OFDM PI/2 BPSK	1852.5	370500	5	25	0	22.98
DFT-s-OFDM QPSK	1852.5	370500	5	1	0	23.59
DFT-s-OFDM QPSK	1852.5	370500	5	1	24	22.23
DFT-s-OFDM QPSK	1852.5	370500	5	12	6	22.84
DFT-s-OFDM QPSK	1852.5	370500	5	25	0	23.44
DFT-s-OFDM 16QAM	1852.5	370500	5	1	0	22.09
DFT-s-OFDM 16QAM	1852.5	370500	5	1	24	23.49
DFT-s-OFDM 16QAM	1852.5	370500	5	12	6	23.02
DFT-s-OFDM 16QAM	1852.5	370500	5	25	0	22.74
DFT-s-OFDM 64QAM	1852.5	370500	5	1	0	22.27
DFT-s-OFDM 64QAM	1852.5	370500	5	1	24	23.67
DFT-s-OFDM 64QAM	1852.5	370500	5	12	6	22.32
DFT-s-OFDM 64QAM	1852.5	370500	5	25	0	22.92
DFT-s-OFDM 256QAM	1852.5	370500	5	1	0	23.25
DFT-s-OFDM 256QAM	1852.5	370500	5	1	24	22.18
DFT-s-OFDM 256QAM	1852.5	370500	5	12	6	22.78
DFT-s-OFDM 256QAM	1852.5	370500	5	25	0	23.11
CP-OFDM QPSK	1852.5	370500	5	1	0	22.83
CP-OFDM QPSK	1852.5	370500	5	1	24	22.36
CP-OFDM QPSK	1852.5	370500	5	13	6	22.08
CP-OFDM QPSK	1852.5	370500	5	25	0	23.29
CP-OFDM 16QAM	1852.5	370500	5	1	0	23.01
CP-OFDM 16QAM	1852.5	370500	5	1	24	23.34
CP-OFDM 16QAM	1852.5	370500	5	13	6	22.26
CP-OFDM 16QAM	1852.5	370500	5	25	0	22.59
CP-OFDM 64QAM	1852.5	370500	5	1	0	23.19
CP-OFDM 64QAM	1852.5	370500	5	1	24	23.52
CP-OFDM 64QAM	1852.5	370500	5	13	6	22.44
CP-OFDM 64QAM	1852.5	370500	5	25	0	22.17
CP-OFDM 256QAM	1852.5	370500	5	1	0	23.38
CP-OFDM 256QAM	1852.5	370500	5	1	24	23.10
CP-OFDM 256QAM	1852.5	370500	5	13	6	22.63
CP-OFDM 256QAM	1852.5	370500	5	25	0	22.35
DFT-s-OFDM PI/2 BPSK	1880	376000	5	1	0	22.23
DFT-s-OFDM PI/2 BPSK	1880	376000	5	1	24	22.83
DFT-s-OFDM PI/2 BPSK	1880	376000	5	12	6	23.16
DFT-s-OFDM PI/2 BPSK	1880	376000	5	25	0	22.08
DFT-s-OFDM QPSK	1880	376000	5	1	0	22.41
DFT-s-OFDM QPSK	1880	376000	5	1	24	22.74

DFT-s-OFDM QPSK	1880	376000	5	12	6	23.34
DFT-s-OFDM QPSK	1880	376000	5	25	0	23.67
DFT-s-OFDM 16QAM	1880	376000	5	1	0	23.20
DFT-s-OFDM 16QAM	1880	376000	5	1	24	22.92
DFT-s-OFDM 16QAM	1880	376000	5	12	6	23.25
DFT-s-OFDM 16QAM	1880	376000	5	25	0	22.77
DFT-s-OFDM 64QAM	1880	376000	5	1	0	22.50
DFT-s-OFDM 64QAM	1880	376000	5	1	24	22.03
DFT-s-OFDM 64QAM	1880	376000	5	12	6	22.35
DFT-s-OFDM 64QAM	1880	376000	5	25	0	22.08
DFT-s-OFDM 256QAM	1880	376000	5	1	0	23.28
DFT-s-OFDM 256QAM	1880	376000	5	1	24	23.61
DFT-s-OFDM 256QAM	1880	376000	5	12	6	22.53
DFT-s-OFDM 256QAM	1880	376000	5	25	0	22.86
CP-OFDM QPSK	1880	376000	5	1	0	23.19
CP-OFDM QPSK	1880	376000	5	1	24	22.11
CP-OFDM QPSK	1880	376000	5	13	6	22.44
CP-OFDM QPSK	1880	376000	5	25	0	22.77
CP-OFDM 16QAM	1880	376000	5	1	0	23.37
CP-OFDM 16QAM	1880	376000	5	1	24	22.02
CP-OFDM 16QAM	1880	376000	5	13	6	22.35
CP-OFDM 16QAM	1880	376000	5	25	0	22.95
CP-OFDM 64QAM	1880	376000	5	1	0	23.28
CP-OFDM 64QAM	1880	376000	5	1	24	23.61
CP-OFDM 64QAM	1880	376000	5	13	6	22.53
CP-OFDM 64QAM	1880	376000	5	25	0	22.86
CP-OFDM 256QAM	1880	376000	5	1	0	23.46
CP-OFDM 256QAM	1880	376000	5	1	24	22.11
CP-OFDM 256QAM	1880	376000	5	13	6	22.44
CP-OFDM 256QAM	1880	376000	5	25	0	23.04
DFT-s-OFDM PI/2 BPSK	1907.5	381500	5	1	0	22.66
DFT-s-OFDM PI/2 BPSK	1907.5	381500	5	1	24	22.19
DFT-s-OFDM PI/2 BPSK	1907.5	381500	5	12	6	22.51
DFT-s-OFDM PI/2 BPSK	1907.5	381500	5	25	0	22.84
DFT-s-OFDM QPSK	1907.5	381500	5	1	0	23.44
DFT-s-OFDM QPSK	1907.5	381500	5	1	24	22.09
DFT-s-OFDM QPSK	1907.5	381500	5	12	6	22.42
DFT-s-OFDM QPSK	1907.5	381500	5	25	0	22.75
DFT-s-OFDM 16QAM	1907.5	381500	5	1	0	22.27
DFT-s-OFDM 16QAM	1907.5	381500	5	1	24	23.68
DFT-s-OFDM 16QAM	1907.5	381500	5	12	6	23.20
DFT-s-OFDM 16QAM	1907.5	381500	5	25	0	23.53
DFT-s-OFDM 64QAM	1907.5	381500	5	1	0	22.18
DFT-s-OFDM 64QAM	1907.5	381500	5	1	24	22.51
DFT-s-OFDM 64QAM	1907.5	381500	5	12	6	22.03
DFT-s-OFDM 64QAM	1907.5	381500	5	25	0	22.36

DFT-s-OFDM 256QAM	1907.5	381500	5	1	0	22.09
DFT-s-OFDM 256QAM	1907.5	381500	5	1	24	23.29
DFT-s-OFDM 256QAM	1907.5	381500	5	12	6	23.62
DFT-s-OFDM 256QAM	1907.5	381500	5	25	0	22.27
CP-OFDM QPSK	1907.5	381500	5	1	0	22.60
CP-OFDM QPSK	1907.5	381500	5	1	24	22.12
CP-OFDM QPSK	1907.5	381500	5	13	6	23.53
CP-OFDM QPSK	1907.5	381500	5	25	0	23.05
CP-OFDM 16QAM	1907.5	381500	5	1	0	23.38
CP-OFDM 16QAM	1907.5	381500	5	1	24	22.03
CP-OFDM 16QAM	1907.5	381500	5	13	6	22.36
CP-OFDM 16QAM	1907.5	381500	5	25	0	23.56
CP-OFDM 64QAM	1907.5	381500	5	1	0	22.21
CP-OFDM 64QAM	1907.5	381500	5	1	24	22.54
CP-OFDM 64QAM	1907.5	381500	5	13	6	23.14
CP-OFDM 64QAM	1907.5	381500	5	25	0	22.39
CP-OFDM 256QAM	1907.5	381500	5	1	0	22.72
CP-OFDM 256QAM	1907.5	381500	5	1	24	23.05
CP-OFDM 256QAM	1907.5	381500	5	13	6	23.65
CP-OFDM 256QAM	1907.5	381500	5	25	0	22.30

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	1855	371000	10	1	0	22.47
DFT-s-OFDM PI/2 BPSK	1855	371000	10	1	51	23.07
DFT-s-OFDM PI/2 BPSK	1855	371000	10	25	12	23.40
DFT-s-OFDM PI/2 BPSK	1855	371000	10	50	0	22.05
DFT-s-OFDM QPSK	1855	371000	10	1	0	22.65
DFT-s-OFDM QPSK	1855	371000	10	1	51	22.98
DFT-s-OFDM QPSK	1855	371000	10	25	12	23.58
DFT-s-OFDM QPSK	1855	371000	10	50	0	22.23
DFT-s-OFDM 16QAM	1855	371000	10	1	0	22.83
DFT-s-OFDM 16QAM	1855	371000	10	1	51	23.16
DFT-s-OFDM 16QAM	1855	371000	10	25	12	22.88
DFT-s-OFDM 16QAM	1855	371000	10	50	0	22.41
DFT-s-OFDM 64QAM	1855	371000	10	1	0	22.14
DFT-s-OFDM 64QAM	1855	371000	10	1	51	23.34
DFT-s-OFDM 64QAM	1855	371000	10	25	12	23.07
DFT-s-OFDM 64QAM	1855	371000	10	50	0	23.39
DFT-s-OFDM 256QAM	1855	371000	10	1	0	22.32
DFT-s-OFDM 256QAM	1855	371000	10	1	51	22.64
DFT-s-OFDM 256QAM	1855	371000	10	25	12	23.25
DFT-s-OFDM 256QAM	1855	371000	10	50	0	23.58
CP-OFDM QPSK	1855	371000	10	1	0	22.50
CP-OFDM QPSK	1855	371000	10	1	51	22.83
CP-OFDM QPSK	1855	371000	10	26	13	23.43

CP-OFDM QPSK	1855	371000	10	52	0	22.08
CP-OFDM 16QAM	1855	371000	10	1	0	22.68
CP-OFDM 16QAM	1855	371000	10	1	51	23.01
CP-OFDM 16QAM	1855	371000	10	26	13	22.73
CP-OFDM 16QAM	1855	371000	10	52	0	22.26
CP-OFDM 64QAM	1855	371000	10	1	0	23.66
CP-OFDM 64QAM	1855	371000	10	1	51	23.19
CP-OFDM 64QAM	1855	371000	10	26	13	22.91
CP-OFDM 64QAM	1855	371000	10	52	0	23.24
CP-OFDM 256QAM	1855	371000	10	1	0	22.16
CP-OFDM 256QAM	1855	371000	10	1	51	22.49
CP-OFDM 256QAM	1855	371000	10	26	13	23.10
CP-OFDM 256QAM	1855	371000	10	52	0	23.42
DFT-s-OFDM PI/2 BPSK	1880	376000	10	1	0	22.62
DFT-s-OFDM PI/2 BPSK	1880	376000	10	1	51	23.22
DFT-s-OFDM PI/2 BPSK	1880	376000	10	25	12	23.55
DFT-s-OFDM PI/2 BPSK	1880	376000	10	50	0	22.20
DFT-s-OFDM QPSK	1880	376000	10	1	0	23.40
DFT-s-OFDM QPSK	1880	376000	10	1	51	23.13
DFT-s-OFDM QPSK	1880	376000	10	25	12	23.45
DFT-s-OFDM QPSK	1880	376000	10	50	0	22.98
DFT-s-OFDM 16QAM	1880	376000	10	1	0	22.71
DFT-s-OFDM 16QAM	1880	376000	10	1	51	22.23
DFT-s-OFDM 16QAM	1880	376000	10	25	12	22.56
DFT-s-OFDM 16QAM	1880	376000	10	50	0	22.89
DFT-s-OFDM 64QAM	1880	376000	10	1	0	23.21
DFT-s-OFDM 64QAM	1880	376000	10	1	51	22.14
DFT-s-OFDM 64QAM	1880	376000	10	25	12	22.47
DFT-s-OFDM 64QAM	1880	376000	10	50	0	22.79
DFT-s-OFDM 256QAM	1880	376000	10	1	0	23.40
DFT-s-OFDM 256QAM	1880	376000	10	1	51	22.04
DFT-s-OFDM 256QAM	1880	376000	10	25	12	23.25
DFT-s-OFDM 256QAM	1880	376000	10	50	0	23.58
CP-OFDM QPSK	1880	376000	10	1	0	23.30
CP-OFDM QPSK	1880	376000	10	1	51	22.83
CP-OFDM QPSK	1880	376000	10	26	13	23.16
CP-OFDM QPSK	1880	376000	10	52	0	23.48
CP-OFDM 16QAM	1880	376000	10	1	0	22.41
CP-OFDM 16QAM	1880	376000	10	1	51	22.73
CP-OFDM 16QAM	1880	376000	10	26	13	23.06
CP-OFDM 16QAM	1880	376000	10	52	0	23.67
CP-OFDM 64QAM	1880	376000	10	1	0	22.31
CP-OFDM 64QAM	1880	376000	10	1	51	22.64
CP-OFDM 64QAM	1880	376000	10	26	13	22.17
CP-OFDM 64QAM	1880	376000	10	52	0	23.57
CP-OFDM 256QAM	1880	376000	10	1	0	23.10

CP-OFDM 256QAM	1880	376000	10	1	51	23.43
CP-OFDM 256QAM	1880	376000	10	26	13	23.15
CP-OFDM 256QAM	1880	376000	10	52	0	22.68
DFT-s-OFDM PI/2 BPSK	1905	381000	10	1	0	23.34
DFT-s-OFDM PI/2 BPSK	1905	381000	10	1	51	23.67
DFT-s-OFDM PI/2 BPSK	1905	381000	10	25	12	22.32
DFT-s-OFDM PI/2 BPSK	1905	381000	10	50	0	22.65
DFT-s-OFDM QPSK	1905	381000	10	1	0	22.17
DFT-s-OFDM QPSK	1905	381000	10	1	51	23.58
DFT-s-OFDM QPSK	1905	381000	10	25	12	23.10
DFT-s-OFDM QPSK	1905	381000	10	50	0	23.43
DFT-s-OFDM 16QAM	1905	381000	10	1	0	22.08
DFT-s-OFDM 16QAM	1905	381000	10	1	51	22.41
DFT-s-OFDM 16QAM	1905	381000	10	25	12	23.61
DFT-s-OFDM 16QAM	1905	381000	10	50	0	22.26
DFT-s-OFDM 64QAM	1905	381000	10	1	0	22.59
DFT-s-OFDM 64QAM	1905	381000	10	1	51	22.92
DFT-s-OFDM 64QAM	1905	381000	10	25	12	22.44
DFT-s-OFDM 64QAM	1905	381000	10	50	0	22.17
DFT-s-OFDM 256QAM	1905	381000	10	1	0	22.50
DFT-s-OFDM 256QAM	1905	381000	10	1	51	22.02
DFT-s-OFDM 256QAM	1905	381000	10	25	12	22.35
DFT-s-OFDM 256QAM	1905	381000	10	50	0	22.68
CP-OFDM QPSK	1905	381000	10	1	0	23.01
CP-OFDM QPSK	1905	381000	10	1	51	22.53
CP-OFDM QPSK	1905	381000	10	26	13	22.86
CP-OFDM QPSK	1905	381000	10	52	0	23.19
CP-OFDM 16QAM	1905	381000	10	1	0	23.52
CP-OFDM 16QAM	1905	381000	10	1	51	22.44
CP-OFDM 16QAM	1905	381000	10	26	13	23.37
CP-OFDM 16QAM	1905	381000	10	52	0	22.29
CP-OFDM 64QAM	1905	381000	10	1	0	22.34
CP-OFDM 64QAM	1905	381000	10	1	51	22.95
CP-OFDM 64QAM	1905	381000	10	26	13	22.20
CP-OFDM 64QAM	1905	381000	10	52	0	22.53
CP-OFDM 256QAM	1905	381000	10	1	0	22.85
CP-OFDM 256QAM	1905	381000	10	1	51	23.46
CP-OFDM 256QAM	1905	381000	10	26	13	22.71
CP-OFDM 256QAM	1905	381000	10	52	0	23.04

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	1	0	22.19
DFT-s-OFDM PI/2 BPSK	1857.5	371500	15	1	78	22.79
DFT-s-OFDM PI/2 BPSK	1857.5	371500	15	36	18	23.12
DFT-s-OFDM PI/2 BPSK	1857.5	371500	15	75	0	22.04

DFT-s-OFDM QPSK	1857.5	371500	15	1	0	22.37
DFT-s-OFDM QPSK	1857.5	371500	15	1	78	22.97
DFT-s-OFDM QPSK	1857.5	371500	15	36	18	23.30
DFT-s-OFDM QPSK	1857.5	371500	15	75	0	22.22
DFT-s-OFDM 16QAM	1857.5	371500	15	1	0	22.55
DFT-s-OFDM 16QAM	1857.5	371500	15	1	78	22.28
DFT-s-OFDM 16QAM	1857.5	371500	15	36	18	23.48
DFT-s-OFDM 16QAM	1857.5	371500	15	75	0	23.21
DFT-s-OFDM 64QAM	1857.5	371500	15	1	0	22.73
DFT-s-OFDM 64QAM	1857.5	371500	15	1	78	22.46
DFT-s-OFDM 64QAM	1857.5	371500	15	36	18	22.79
DFT-s-OFDM 64QAM	1857.5	371500	15	75	0	23.39
DFT-s-OFDM 256QAM	1857.5	371500	15	1	0	22.04
DFT-s-OFDM 256QAM	1857.5	371500	15	1	78	23.24
DFT-s-OFDM 256QAM	1857.5	371500	15	36	18	22.97
DFT-s-OFDM 256QAM	1857.5	371500	15	75	0	23.29
CP-OFDM QPSK	1857.5	371500	15	1	0	22.22
CP-OFDM QPSK	1857.5	371500	15	1	78	22.55
CP-OFDM QPSK	1857.5	371500	15	39	19	23.15
CP-OFDM QPSK	1857.5	371500	15	79	0	23.48
CP-OFDM 16QAM	1857.5	371500	15	1	0	22.12
CP-OFDM 16QAM	1857.5	371500	15	1	78	22.73
CP-OFDM 16QAM	1857.5	371500	15	39	19	23.06
CP-OFDM 16QAM	1857.5	371500	15	79	0	23.66
CP-OFDM 64QAM	1857.5	371500	15	1	0	22.31
CP-OFDM 64QAM	1857.5	371500	15	1	78	22.91
CP-OFDM 64QAM	1857.5	371500	15	39	19	23.24
CP-OFDM 64QAM	1857.5	371500	15	79	0	23.56
CP-OFDM 256QAM	1857.5	371500	15	1	0	22.49
CP-OFDM 256QAM	1857.5	371500	15	1	78	23.09
CP-OFDM 256QAM	1857.5	371500	15	39	19	23.42
CP-OFDM 256QAM	1857.5	371500	15	79	0	22.07
DFT-s-OFDM PI/2 BPSK	1880	376000	15	1	0	23.33
DFT-s-OFDM PI/2 BPSK	1880	376000	15	1	78	23.66
DFT-s-OFDM PI/2 BPSK	1880	376000	15	36	18	23.19
DFT-s-OFDM PI/2 BPSK	1880	376000	15	75	0	22.91
DFT-s-OFDM QPSK	1880	376000	15	1	0	22.44
DFT-s-OFDM QPSK	1880	376000	15	1	78	22.76
DFT-s-OFDM QPSK	1880	376000	15	36	18	23.09
DFT-s-OFDM QPSK	1880	376000	15	75	0	23.42
DFT-s-OFDM 16QAM	1880	376000	15	1	0	22.34
DFT-s-OFDM 16QAM	1880	376000	15	1	78	22.67
DFT-s-OFDM 16QAM	1880	376000	15	36	18	23.00
DFT-s-OFDM 16QAM	1880	376000	15	75	0	23.60
DFT-s-OFDM 64QAM	1880	376000	15	1	0	22.25
DFT-s-OFDM 64QAM	1880	376000	15	1	78	23.45

DFT-s-OFDM 64QAM	1880	376000	15	36	18	22.10
DFT-s-OFDM 64QAM	1880	376000	15	75	0	23.51
DFT-s-OFDM 256QAM	1880	376000	15	1	0	23.03
DFT-s-OFDM 256QAM	1880	376000	15	1	78	23.36
DFT-s-OFDM 256QAM	1880	376000	15	36	18	22.01
DFT-s-OFDM 256QAM	1880	376000	15	75	0	22.61
CP-OFDM QPSK	1880	376000	15	1	0	22.94
CP-OFDM QPSK	1880	376000	15	1	78	23.27
CP-OFDM QPSK	1880	376000	15	39	19	22.19
CP-OFDM QPSK	1880	376000	15	79	0	22.52
CP-OFDM 16QAM	1880	376000	15	1	0	22.85
CP-OFDM 16QAM	1880	376000	15	1	78	22.37
CP-OFDM 16QAM	1880	376000	15	39	19	22.10
CP-OFDM 16QAM	1880	376000	15	79	0	23.30
CP-OFDM 64QAM	1880	376000	15	1	0	23.63
CP-OFDM 64QAM	1880	376000	15	1	78	22.28
CP-OFDM 64QAM	1880	376000	15	39	19	22.88
CP-OFDM 64QAM	1880	376000	15	79	0	23.21
CP-OFDM 256QAM	1880	376000	15	1	0	23.54
CP-OFDM 256QAM	1880	376000	15	1	78	22.18
CP-OFDM 256QAM	1880	376000	15	39	19	23.39
CP-OFDM 256QAM	1880	376000	15	79	0	23.12
DFT-s-OFDM PI/2 BPSK	1902.5	380500	15	1	0	23.33
DFT-s-OFDM PI/2 BPSK	1902.5	380500	15	1	78	23.66
DFT-s-OFDM PI/2 BPSK	1902.5	380500	15	36	18	22.58
DFT-s-OFDM PI/2 BPSK	1902.5	380500	15	75	0	22.91
DFT-s-OFDM QPSK	1902.5	380500	15	1	0	23.24
DFT-s-OFDM QPSK	1902.5	380500	15	1	78	23.57
DFT-s-OFDM QPSK	1902.5	380500	15	36	18	23.09
DFT-s-OFDM QPSK	1902.5	380500	15	75	0	23.42
DFT-s-OFDM 16QAM	1902.5	380500	15	1	0	22.07
DFT-s-OFDM 16QAM	1902.5	380500	15	1	78	22.40
DFT-s-OFDM 16QAM	1902.5	380500	15	36	18	23.60
DFT-s-OFDM 16QAM	1902.5	380500	15	75	0	22.25
DFT-s-OFDM 64QAM	1902.5	380500	15	1	0	22.58
DFT-s-OFDM 64QAM	1902.5	380500	15	1	78	23.51
DFT-s-OFDM 64QAM	1902.5	380500	15	36	18	22.16
DFT-s-OFDM 64QAM	1902.5	380500	15	75	0	22.76
DFT-s-OFDM 256QAM	1902.5	380500	15	1	0	23.09
DFT-s-OFDM 256QAM	1902.5	380500	15	1	78	23.42
DFT-s-OFDM 256QAM	1902.5	380500	15	36	18	22.94
DFT-s-OFDM 256QAM	1902.5	380500	15	75	0	22.19
CP-OFDM QPSK	1902.5	380500	15	1	0	22.52
CP-OFDM QPSK	1902.5	380500	15	1	78	22.85
CP-OFDM QPSK	1902.5	380500	15	39	19	23.18
CP-OFDM QPSK	1902.5	380500	15	79	0	22.70

CP-OFDM 16QAM	1902.5	380500	15	1	0	23.03
CP-OFDM 16QAM	1902.5	380500	15	1	78	22.28
CP-OFDM 16QAM	1902.5	380500	15	39	19	22.61
CP-OFDM 16QAM	1902.5	380500	15	79	0	22.94
CP-OFDM 64QAM	1902.5	380500	15	1	0	23.26
CP-OFDM 64QAM	1902.5	380500	15	1	78	22.79
CP-OFDM 64QAM	1902.5	380500	15	39	19	23.12
CP-OFDM 64QAM	1902.5	380500	15	79	0	23.45
CP-OFDM 256QAM	1902.5	380500	15	1	0	22.09
CP-OFDM 256QAM	1902.5	380500	15	1	78	23.30
CP-OFDM 256QAM	1902.5	380500	15	39	19	23.63
CP-OFDM 256QAM	1902.5	380500	15	79	0	22.27

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	1860	372000	20	1	0	22.79
DFT-s-OFDM PI/2 BPSK	1860	372000	20	1	105	23.11
DFT-s-OFDM PI/2 BPSK	1860	372000	20	50	25	23.44
DFT-s-OFDM PI/2 BPSK	1860	372000	20	100	0	22.36
DFT-s-OFDM QPSK	1860	372000	20	1	0	22.69
DFT-s-OFDM QPSK	1860	372000	20	1	105	23.30
DFT-s-OFDM QPSK	1860	372000	20	50	25	23.62
DFT-s-OFDM QPSK	1860	372000	20	100	0	22.27
DFT-s-OFDM 16QAM	1860	372000	20	1	0	22.87
DFT-s-OFDM 16QAM	1860	372000	20	1	105	23.20
DFT-s-OFDM 16QAM	1860	372000	20	50	25	22.12
DFT-s-OFDM 16QAM	1860	372000	20	100	0	22.45
DFT-s-OFDM 64QAM	1860	372000	20	1	0	22.18
DFT-s-OFDM 64QAM	1860	372000	20	1	105	23.38
DFT-s-OFDM 64QAM	1860	372000	20	50	25	23.11
DFT-s-OFDM 64QAM	1860	372000	20	100	0	22.63
DFT-s-OFDM 256QAM	1860	372000	20	1	0	22.96
DFT-s-OFDM 256QAM	1860	372000	20	1	105	22.69
DFT-s-OFDM 256QAM	1860	372000	20	50	25	22.21
DFT-s-OFDM 256QAM	1860	372000	20	100	0	23.62
CP-OFDM QPSK	1860	372000	20	1	0	23.14
CP-OFDM QPSK	1860	372000	20	1	105	22.87
CP-OFDM QPSK	1860	372000	20	53	26	23.20
CP-OFDM QPSK	1860	372000	20	106	0	22.72
CP-OFDM 16QAM	1860	372000	20	1	0	22.45
CP-OFDM 16QAM	1860	372000	20	1	105	23.65
CP-OFDM 16QAM	1860	372000	20	53	26	23.38
CP-OFDM 16QAM	1860	372000	20	106	0	22.03
CP-OFDM 64QAM	1860	372000	20	1	0	22.63
CP-OFDM 64QAM	1860	372000	20	1	105	22.96
CP-OFDM 64QAM	1860	372000	20	53	26	22.48

CP-OFDM 64QAM	1860	372000	20	106	0	22.21
CP-OFDM 256QAM	1860	372000	20	1	0	22.53
CP-OFDM 256QAM	1860	372000	20	1	105	23.14
CP-OFDM 256QAM	1860	372000	20	53	26	23.47
CP-OFDM 256QAM	1860	372000	20	106	0	22.99
DFT-s-OFDM PI/2 BPSK	1880	376000	20	1	0	23.30
DFT-s-OFDM PI/2 BPSK	1880	376000	20	1	105	22.22
DFT-s-OFDM PI/2 BPSK	1880	376000	20	50	25	22.55
DFT-s-OFDM PI/2 BPSK	1880	376000	20	100	0	22.88
DFT-s-OFDM QPSK	1880	376000	20	1	0	23.20
DFT-s-OFDM QPSK	1880	376000	20	1	105	22.73
DFT-s-OFDM QPSK	1880	376000	20	50	25	22.45
DFT-s-OFDM QPSK	1880	376000	20	100	0	23.66
DFT-s-OFDM 16QAM	1880	376000	20	1	0	22.31
DFT-s-OFDM 16QAM	1880	376000	20	1	105	22.64
DFT-s-OFDM 16QAM	1880	376000	20	50	25	22.96
DFT-s-OFDM 16QAM	1880	376000	20	100	0	23.57
DFT-s-OFDM 64QAM	1880	376000	20	1	0	22.21
DFT-s-OFDM 64QAM	1880	376000	20	1	105	22.54
DFT-s-OFDM 64QAM	1880	376000	20	50	25	22.07
DFT-s-OFDM 64QAM	1880	376000	20	100	0	23.47
DFT-s-OFDM 256QAM	1880	376000	20	1	0	23.00
DFT-s-OFDM 256QAM	1880	376000	20	1	105	23.33
DFT-s-OFDM 256QAM	1880	376000	20	50	25	23.65
DFT-s-OFDM 256QAM	1880	376000	20	100	0	22.30
CP-OFDM QPSK	1880	376000	20	1	0	22.90
CP-OFDM QPSK	1880	376000	20	1	105	23.23
CP-OFDM QPSK	1880	376000	20	53	26	23.56
CP-OFDM QPSK	1880	376000	20	106	0	23.09
CP-OFDM 16QAM	1880	376000	20	1	0	22.81
CP-OFDM 16QAM	1880	376000	20	1	105	22.34
CP-OFDM 16QAM	1880	376000	20	53	26	22.66
CP-OFDM 16QAM	1880	376000	20	106	0	22.99
CP-OFDM 64QAM	1880	376000	20	1	0	23.60
CP-OFDM 64QAM	1880	376000	20	1	105	22.24
CP-OFDM 64QAM	1880	376000	20	53	26	22.57
CP-OFDM 64QAM	1880	376000	20	106	0	22.90
CP-OFDM 256QAM	1880	376000	20	1	0	22.43
CP-OFDM 256QAM	1880	376000	20	1	105	22.15
CP-OFDM 256QAM	1880	376000	20	53	26	23.36
CP-OFDM 256QAM	1880	376000	20	106	0	23.68
DFT-s-OFDM PI/2 BPSK	1900	380000	20	1	0	22.30
DFT-s-OFDM PI/2 BPSK	1900	380000	20	1	105	23.50
DFT-s-OFDM PI/2 BPSK	1900	380000	20	50	25	22.15
DFT-s-OFDM PI/2 BPSK	1900	380000	20	100	0	22.48
DFT-s-OFDM QPSK	1900	380000	20	1	0	23.08

DFT-s-OFDM QPSK	1900	380000	20	1	105	22.33
DFT-s-OFDM QPSK	1900	380000	20	50	25	22.06
DFT-s-OFDM QPSK	1900	380000	20	100	0	23.26
DFT-s-OFDM 16QAM	1900	380000	20	1	0	23.59
DFT-s-OFDM 16QAM	1900	380000	20	1	105	22.24
DFT-s-OFDM 16QAM	1900	380000	20	50	25	22.57
DFT-s-OFDM 16QAM	1900	380000	20	100	0	22.09
DFT-s-OFDM 64QAM	1900	380000	20	1	0	22.42
DFT-s-OFDM 64QAM	1900	380000	20	1	105	22.75
DFT-s-OFDM 64QAM	1900	380000	20	50	25	23.08
DFT-s-OFDM 64QAM	1900	380000	20	100	0	22.60
DFT-s-OFDM 256QAM	1900	380000	20	1	0	22.93
DFT-s-OFDM 256QAM	1900	380000	20	1	105	23.26
DFT-s-OFDM 256QAM	1900	380000	20	50	25	23.59
DFT-s-OFDM 256QAM	1900	380000	20	100	0	23.11
CP-OFDM QPSK	1900	380000	20	1	0	23.44
CP-OFDM QPSK	1900	380000	20	1	105	22.09
CP-OFDM QPSK	1900	380000	20	53	26	22.42
CP-OFDM QPSK	1900	380000	20	106	0	23.62
CP-OFDM 16QAM	1900	380000	20	1	0	22.27
CP-OFDM 16QAM	1900	380000	20	1	105	22.60
CP-OFDM 16QAM	1900	380000	20	53	26	22.93
CP-OFDM 16QAM	1900	380000	20	106	0	22.45
CP-OFDM 64QAM	1900	380000	20	1	0	22.78
CP-OFDM 64QAM	1900	380000	20	1	105	23.11
CP-OFDM 64QAM	1900	380000	20	53	26	22.36
CP-OFDM 64QAM	1900	380000	20	106	0	22.69
CP-OFDM 256QAM	1900	380000	20	1	0	23.01
CP-OFDM 256QAM	1900	380000	20	1	105	22.54
CP-OFDM 256QAM	1900	380000	20	53	26	22.87
CP-OFDM 256QAM	1900	380000	20	106	0	23.19

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 QPSK	1880	376000	10	52	0	9.290	Fig.2
CP-OFDM QPSK	1880	376000	15	79	0	14.090	Fig.3
CP-OFDM QPSK	1880	376000	20	106	0	18.900	Fig.4

Test Plot:

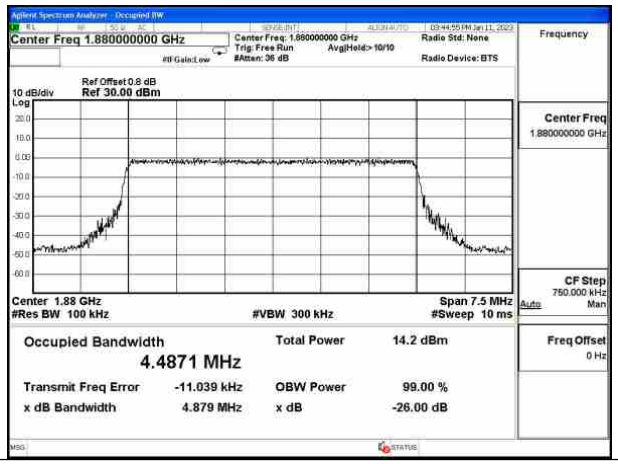


Fig.1

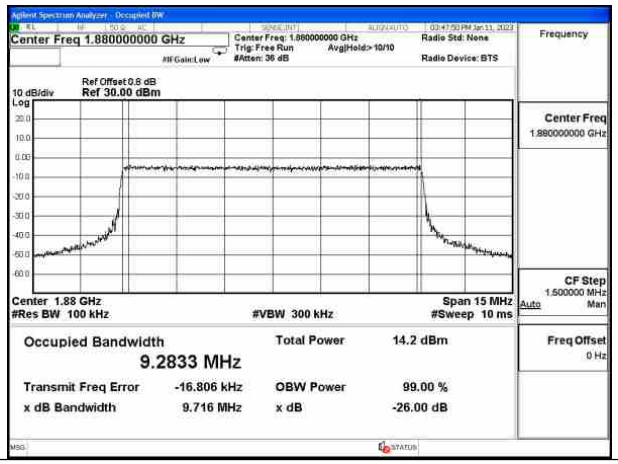


Fig.2

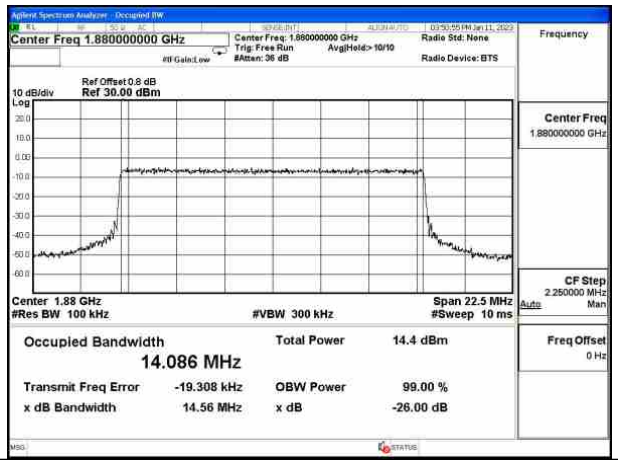


Fig.3

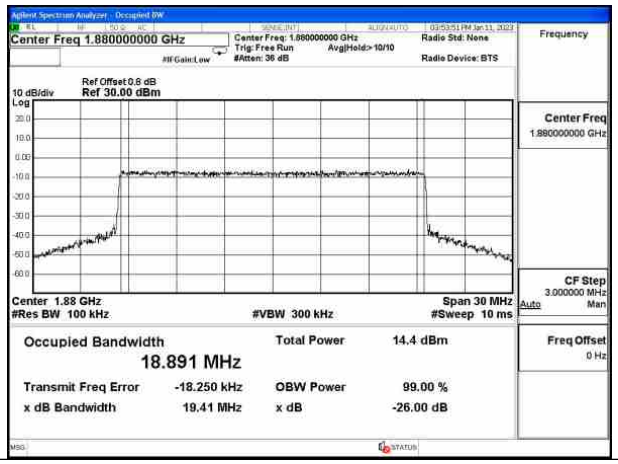


Fig.4

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	4.850	Fig.1
CP-OFDM QPSK	1880	376000	10	52	0	9.680	Fig.2
CP-OFDM QPSK	1880	376000	15	79	0	14.570	Fig.3
CP-OFDM QPSK	1880	376000	20	106	0	19.420	Fig.4

Test Plot:

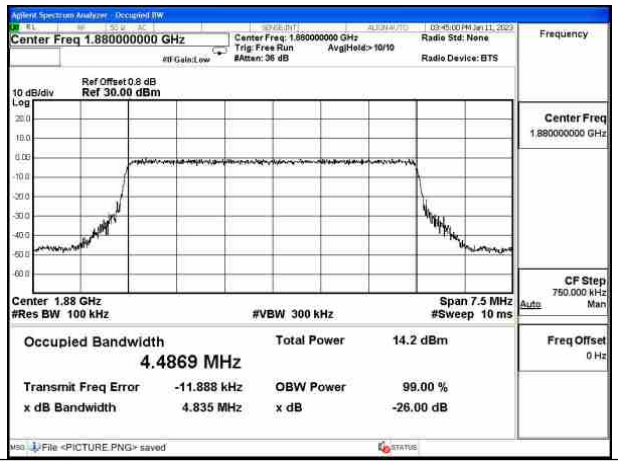


Fig.1

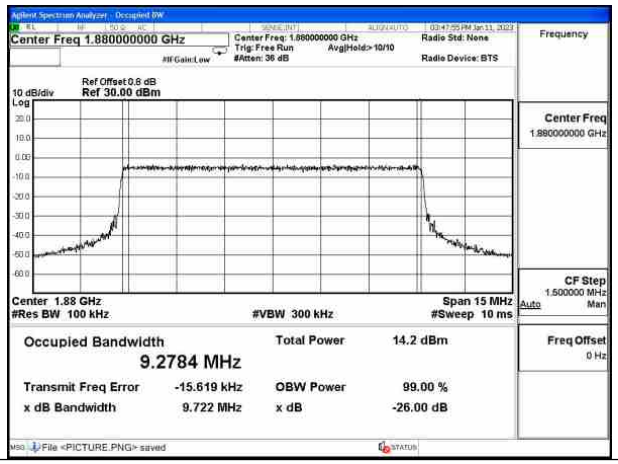


Fig.2

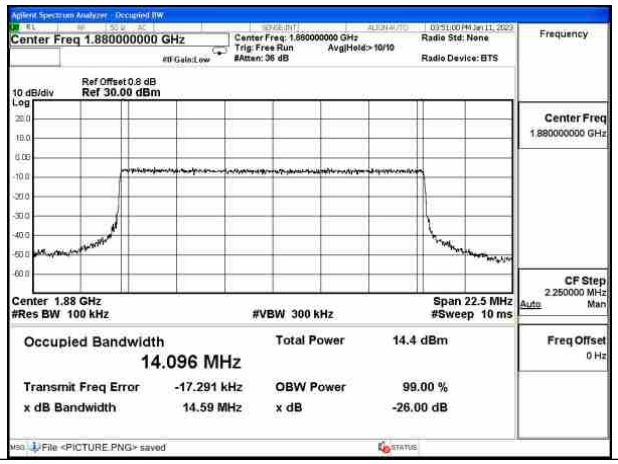


Fig.3

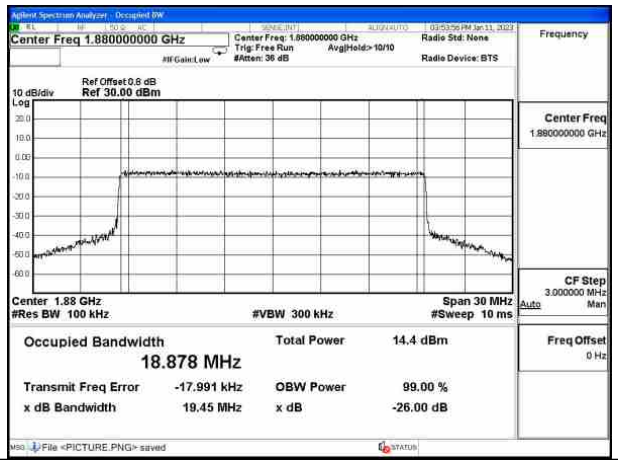


Fig.4

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:

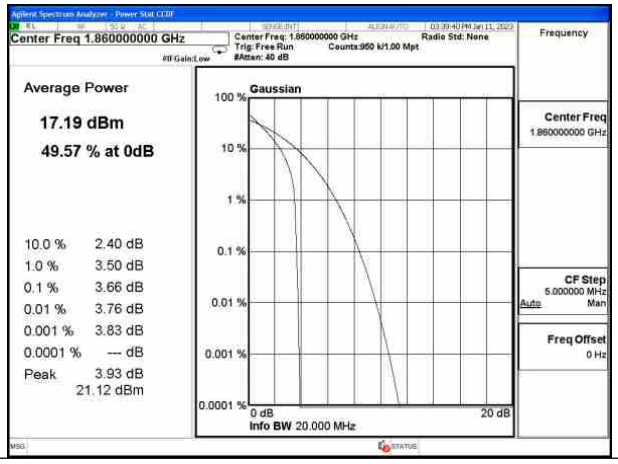


Fig.1

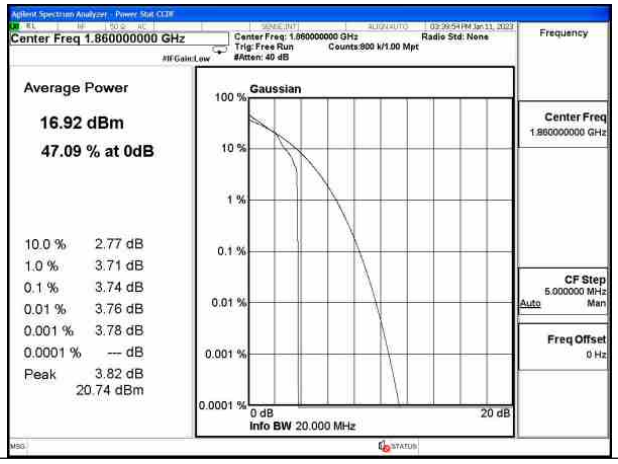


Fig.2

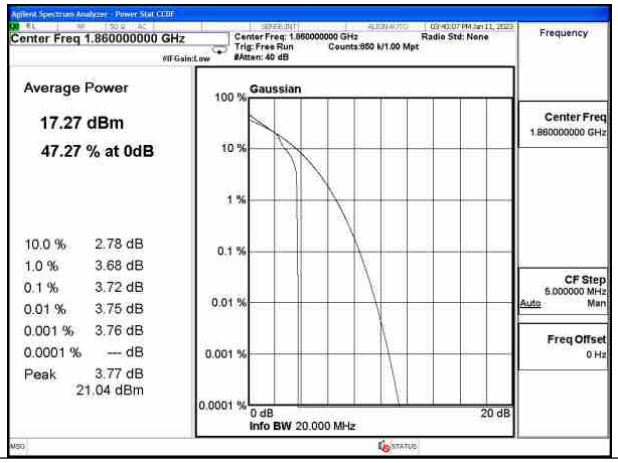


Fig.3

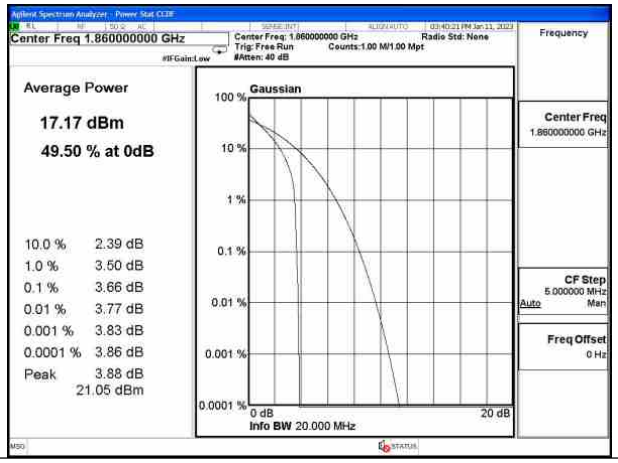


Fig.4

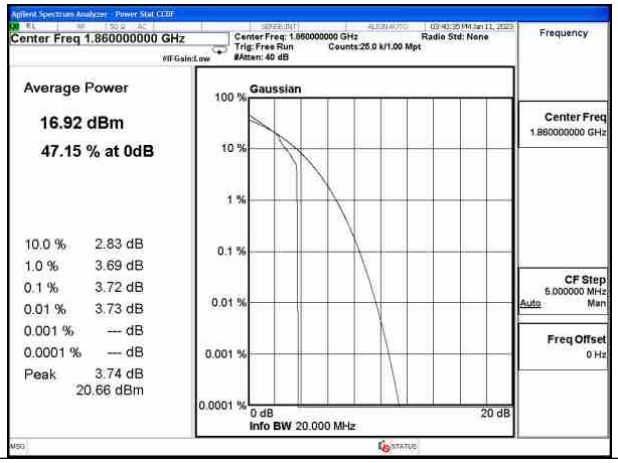


Fig.5

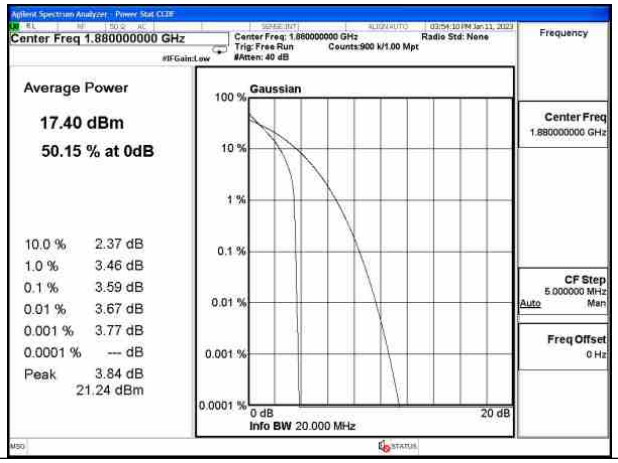


Fig.6

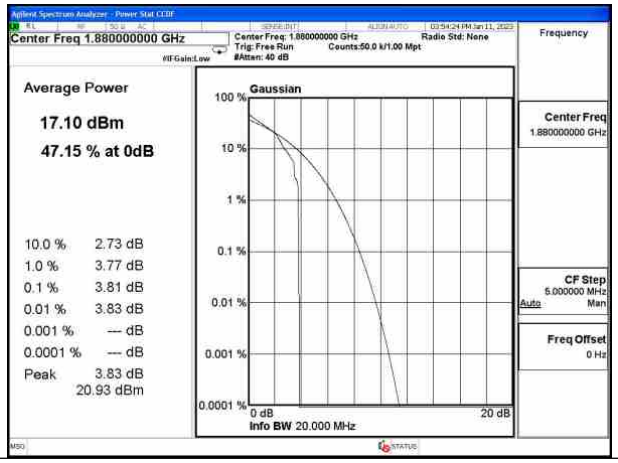


Fig.7

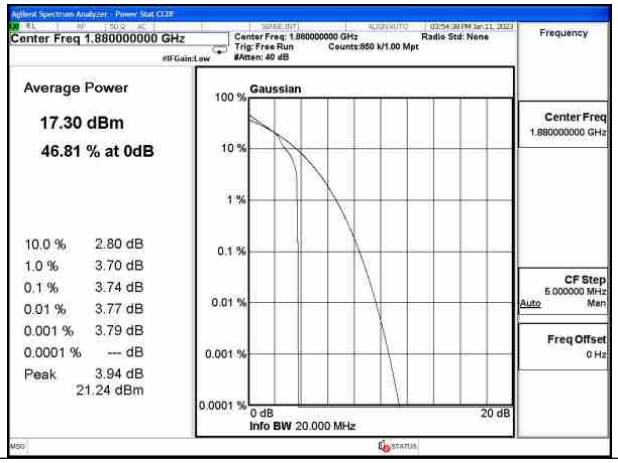


Fig.8

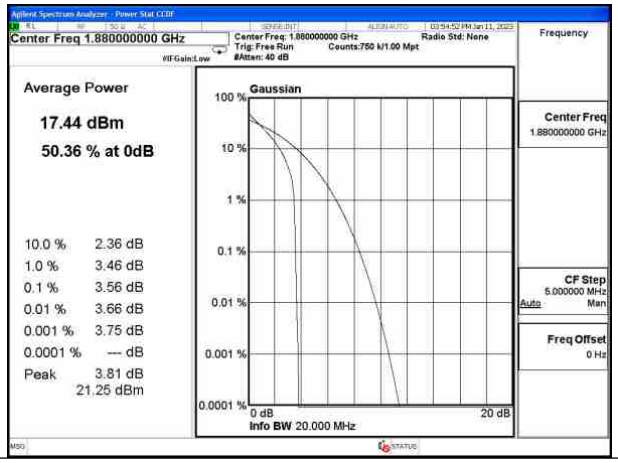


Fig.9

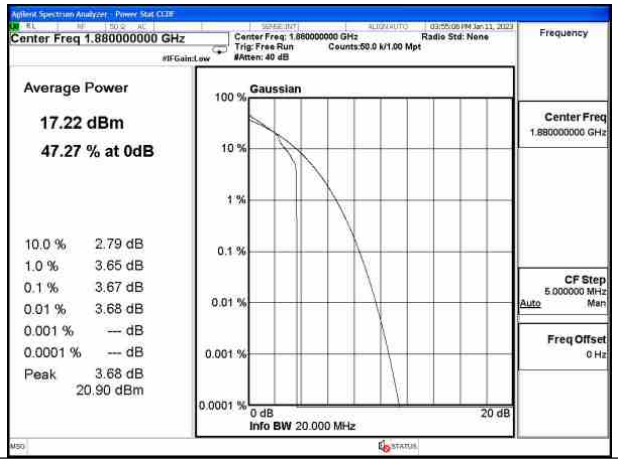


Fig.10

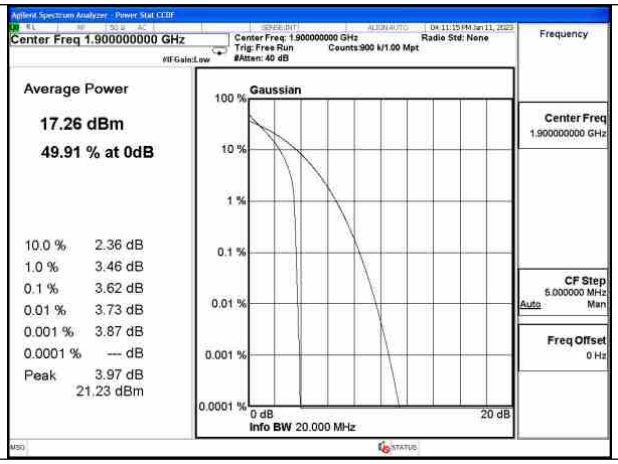


Fig.11

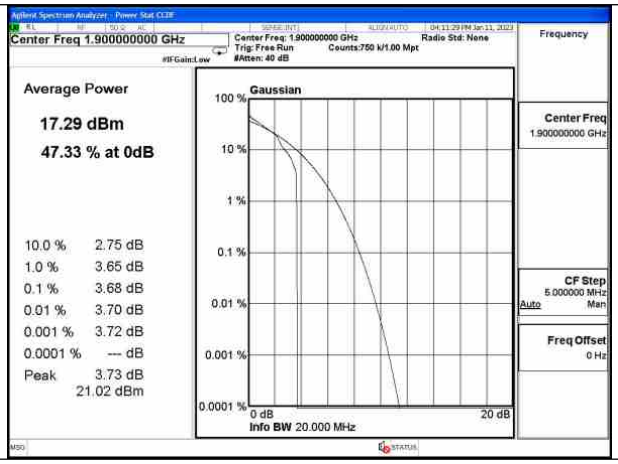


Fig.12

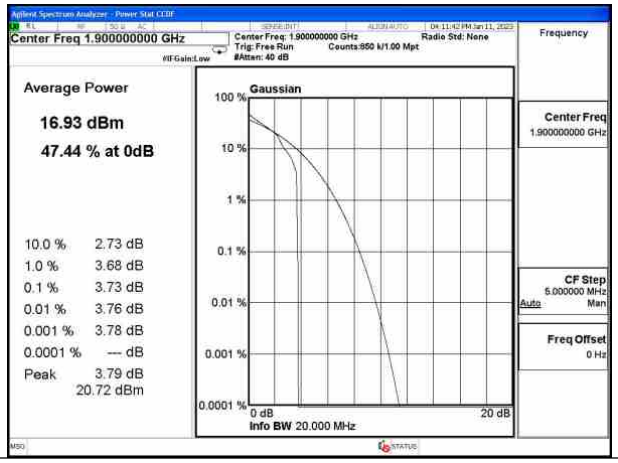


Fig.13

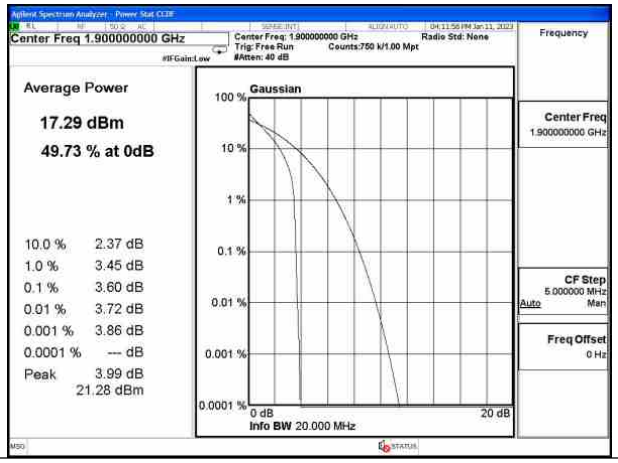


Fig.14

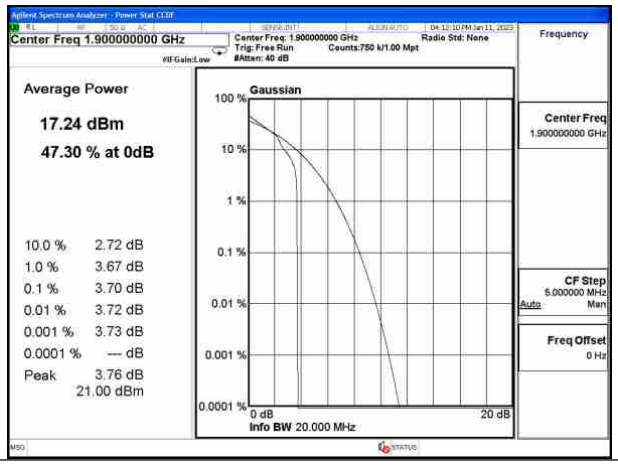


Fig.15

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:

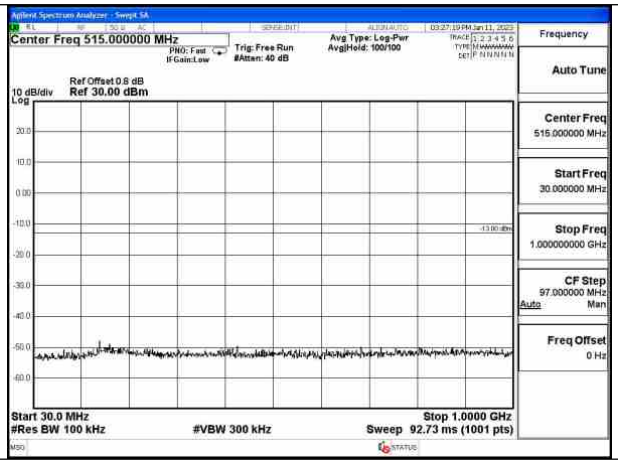


Fig.1

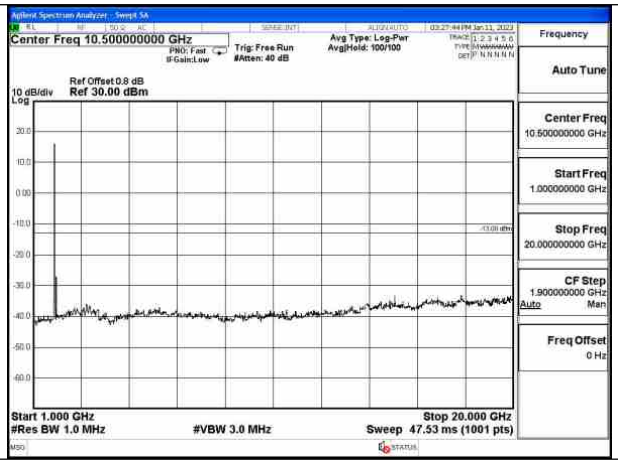


Fig.2

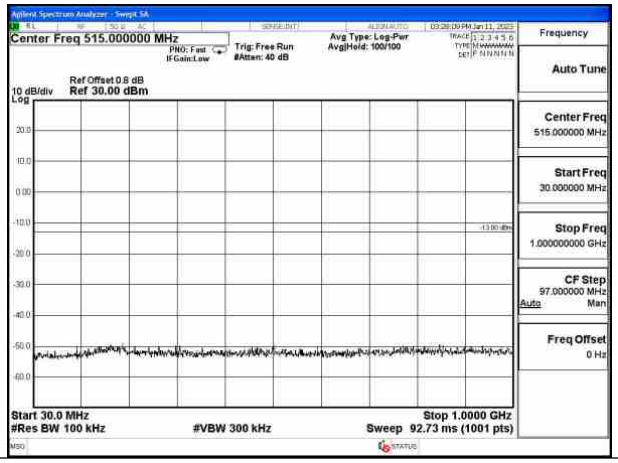


Fig.3

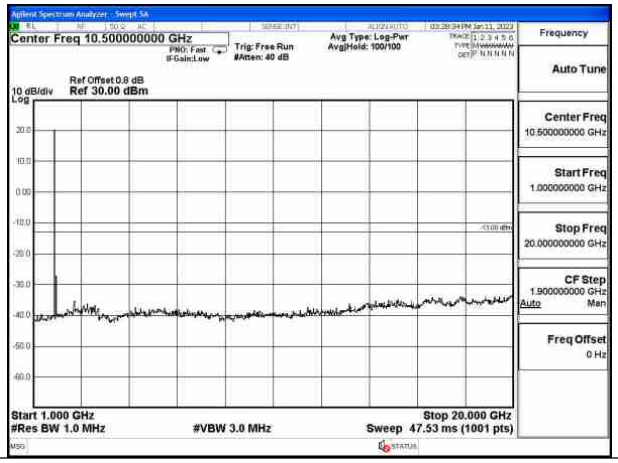


Fig.4

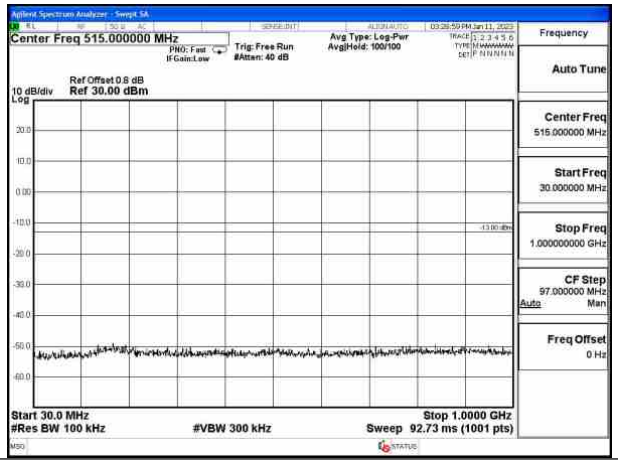


Fig.5

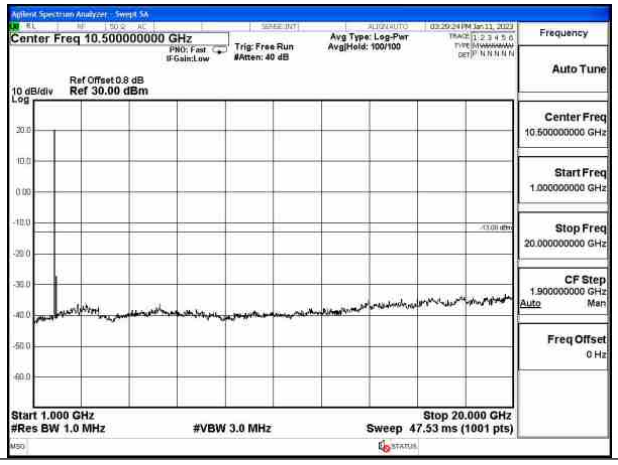


Fig.6

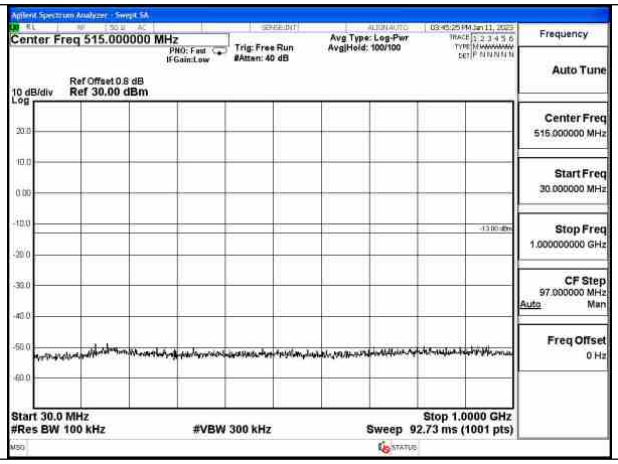


Fig.7

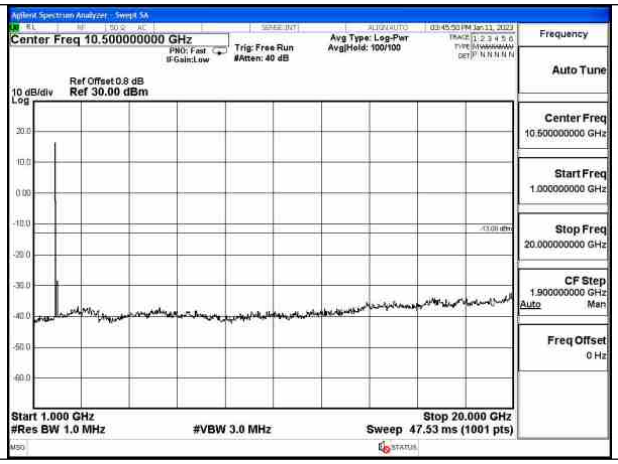


Fig.8

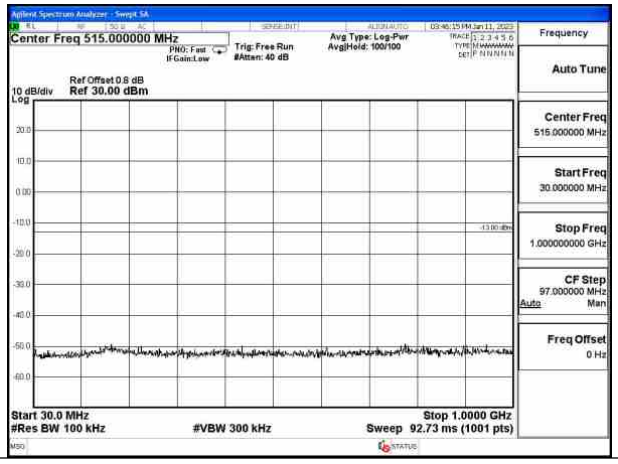


Fig.9

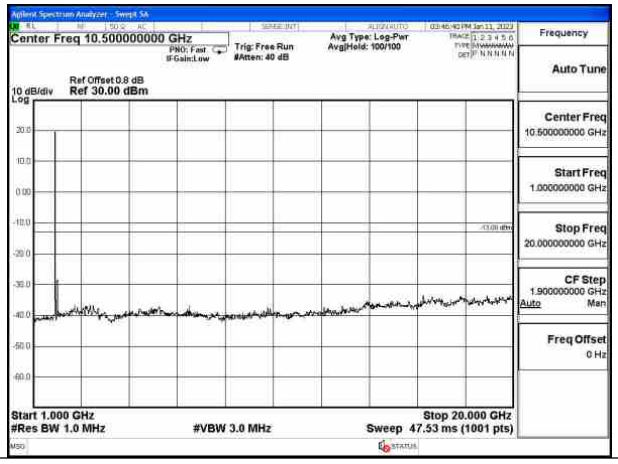


Fig.10

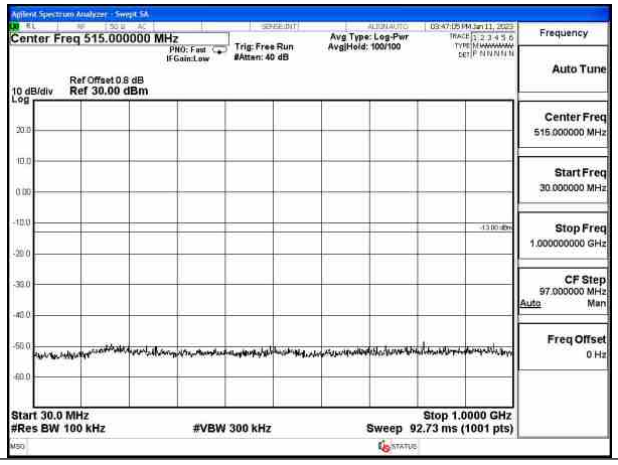


Fig.11

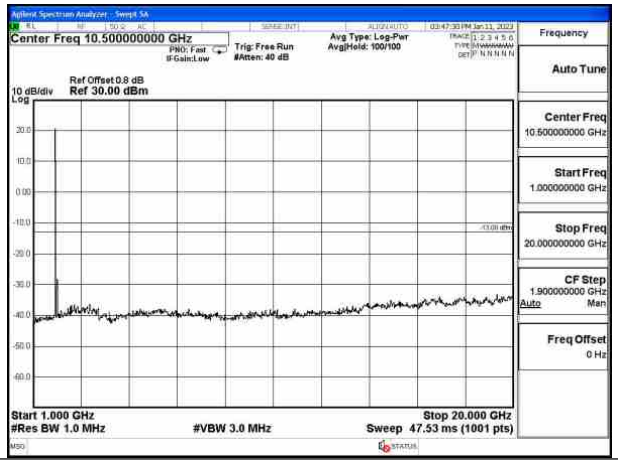


Fig.12

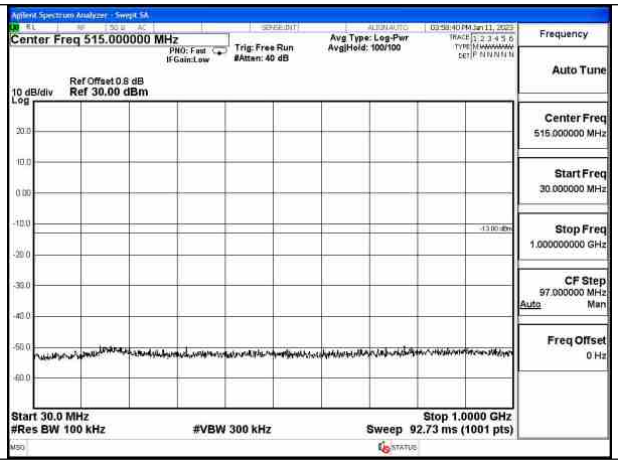


Fig.13

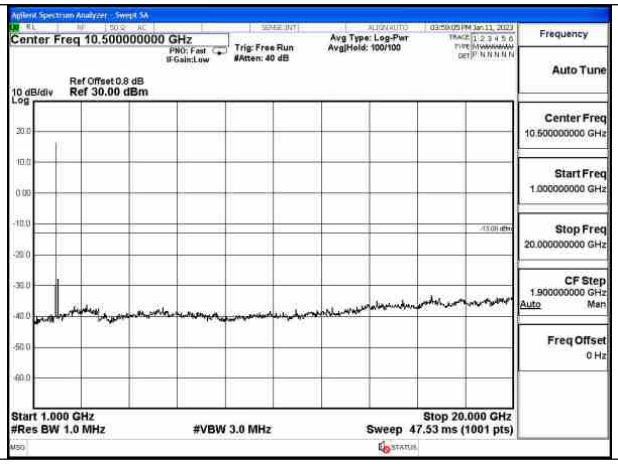
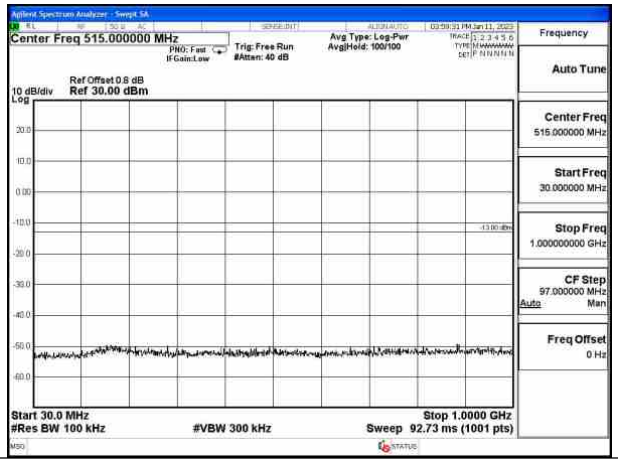


Fig.14



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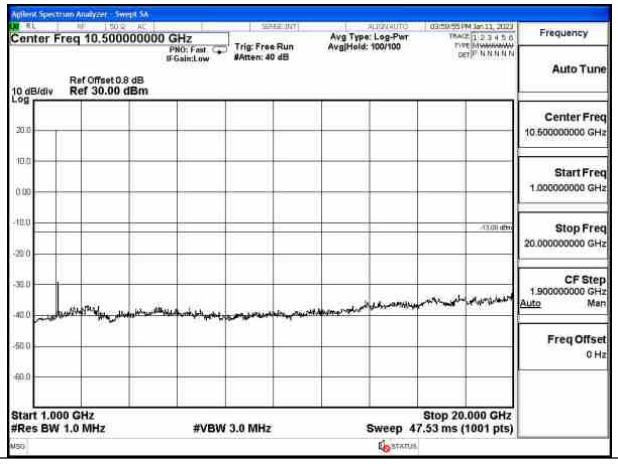

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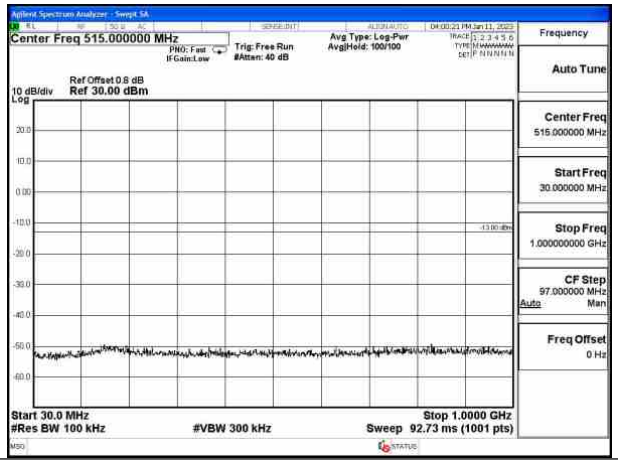


Fig.17

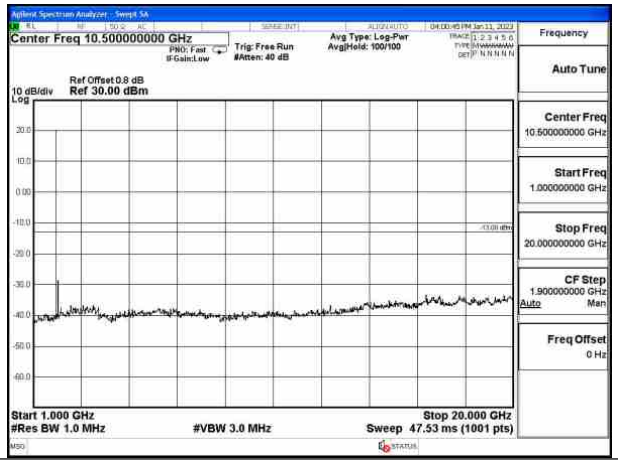


Fig.18

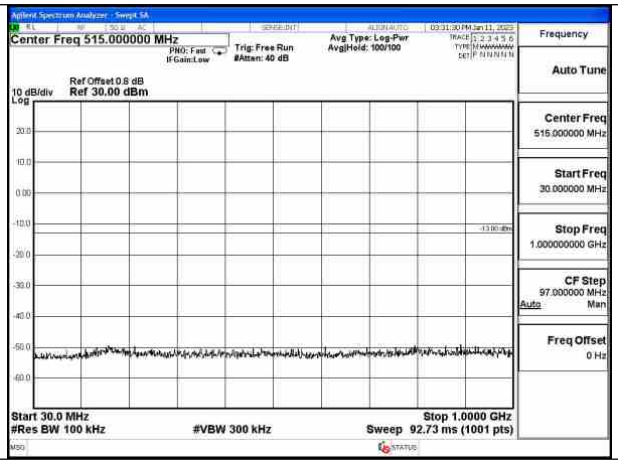


Fig.19

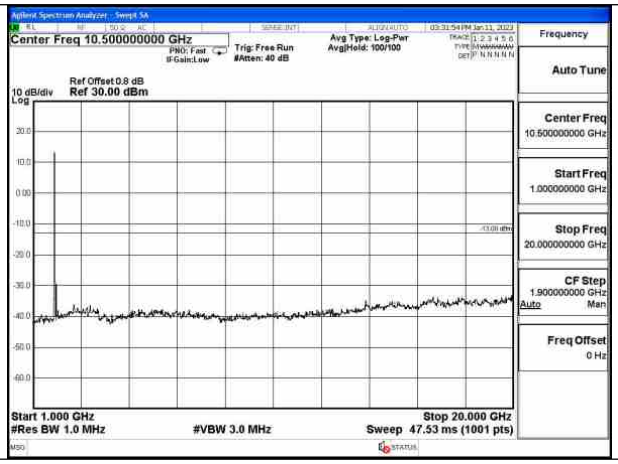


Fig.20

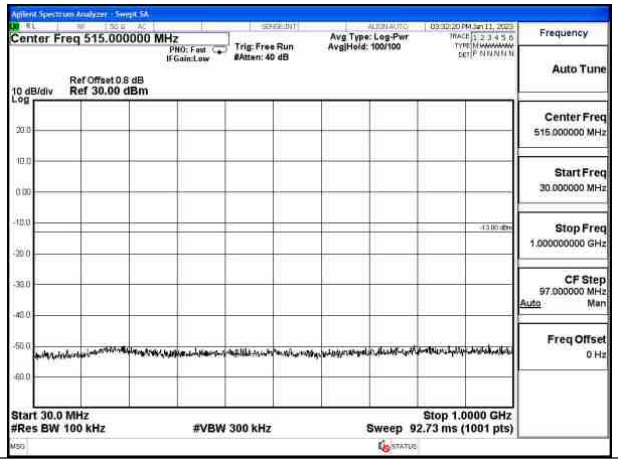
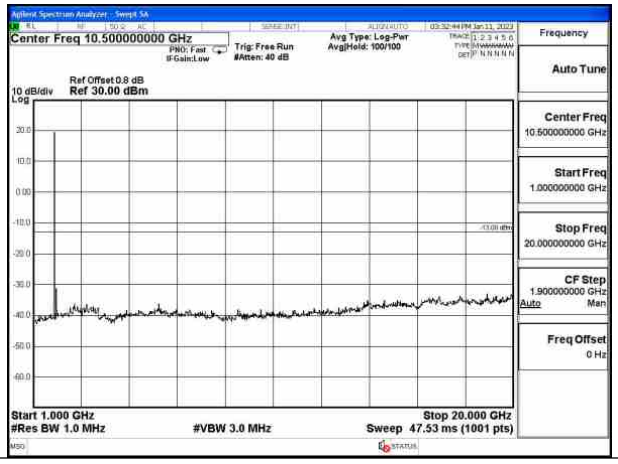


Fig.21



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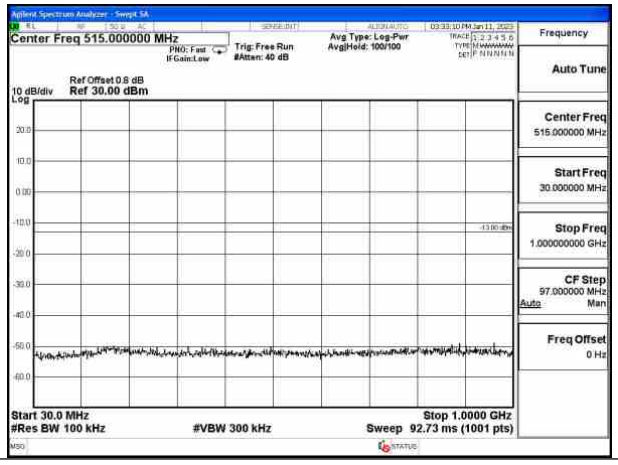

Fig.23

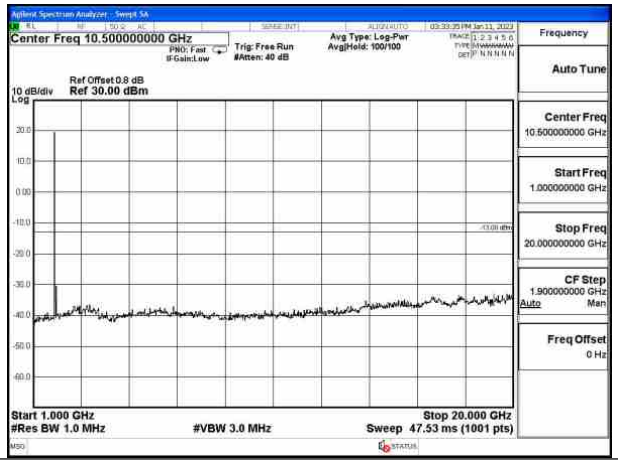

Fig.24

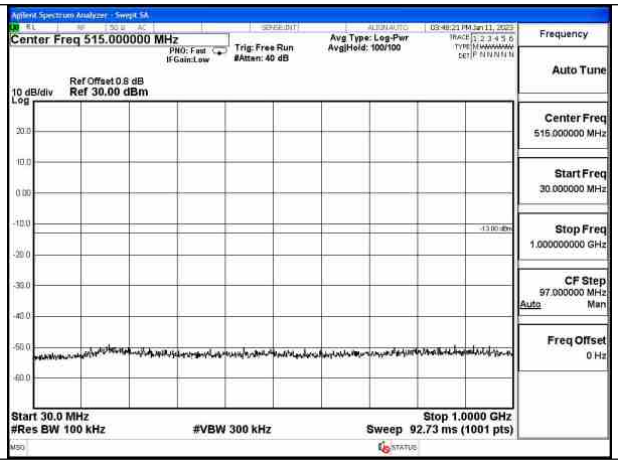

Fig.25

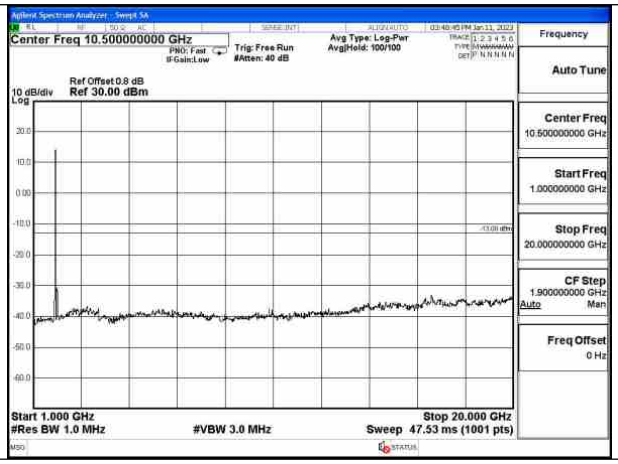

Fig.26

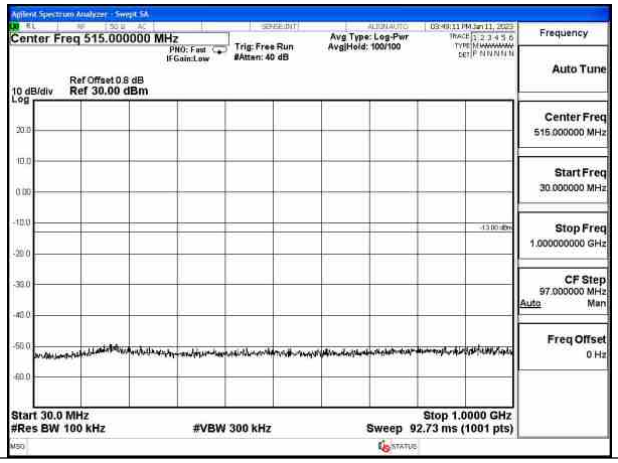

Fig.27

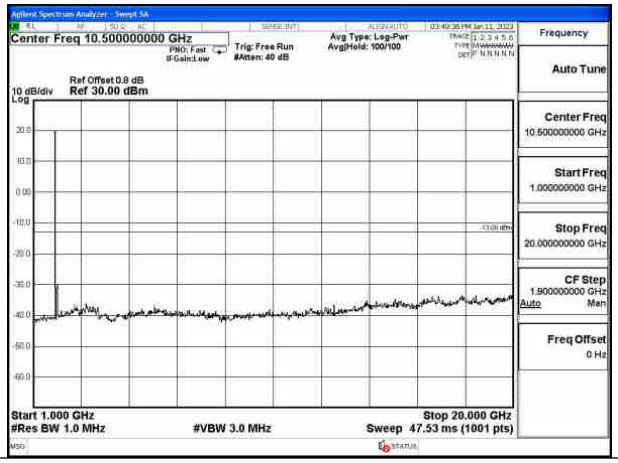

Fig.28

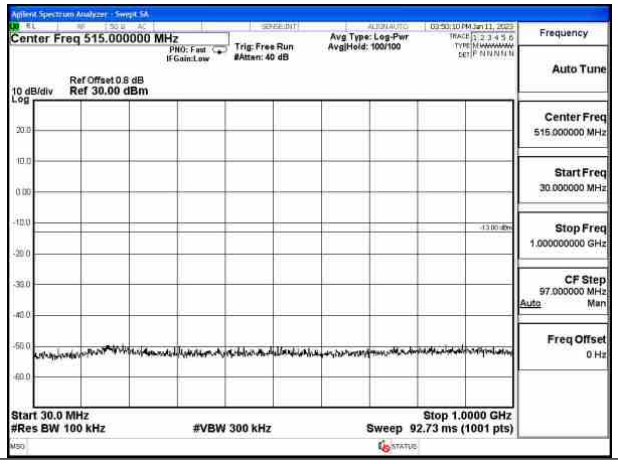

Fig.29

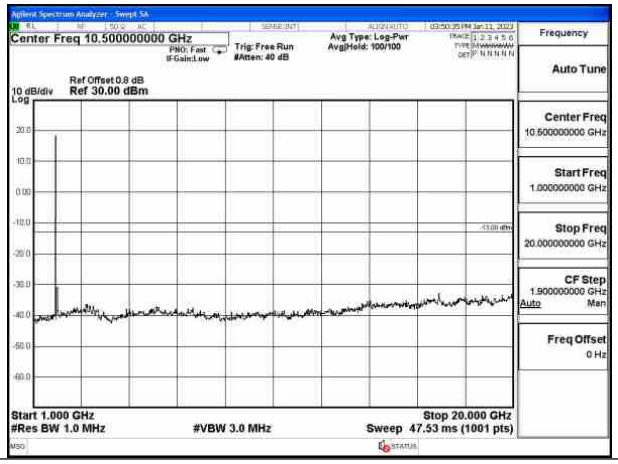

Fig.30

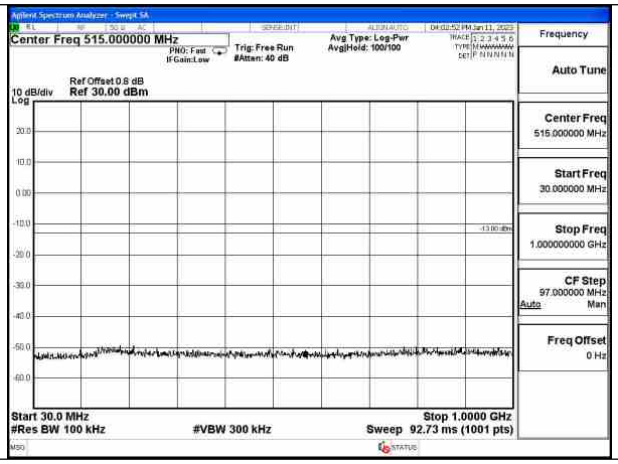

Fig.31

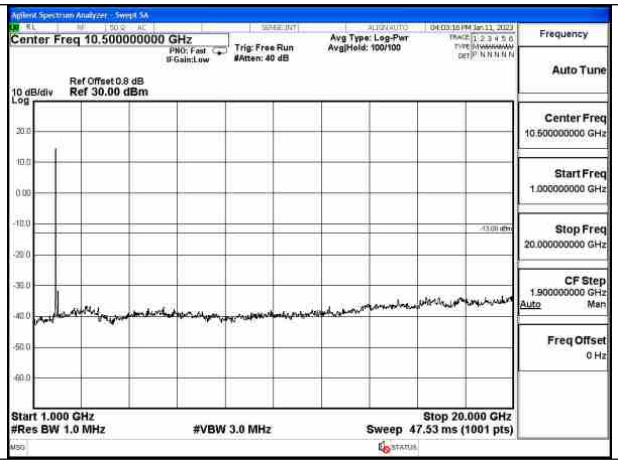

Fig.32

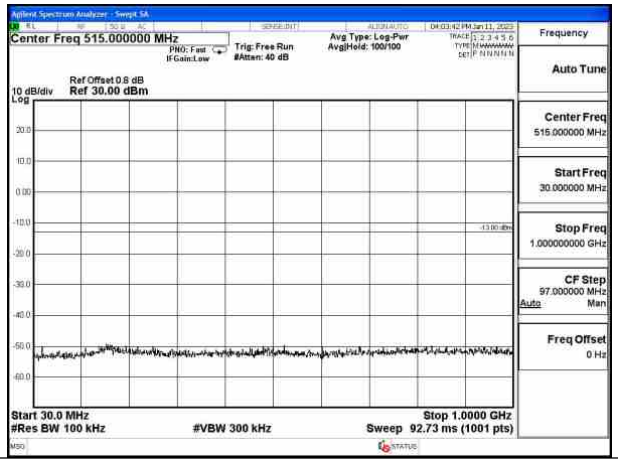

Fig.33

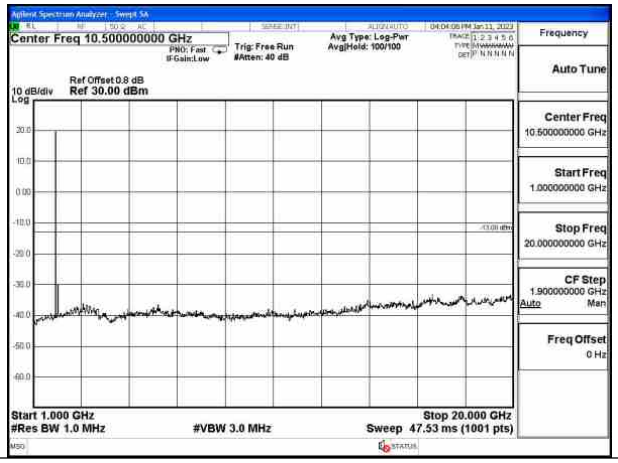

Fig.34

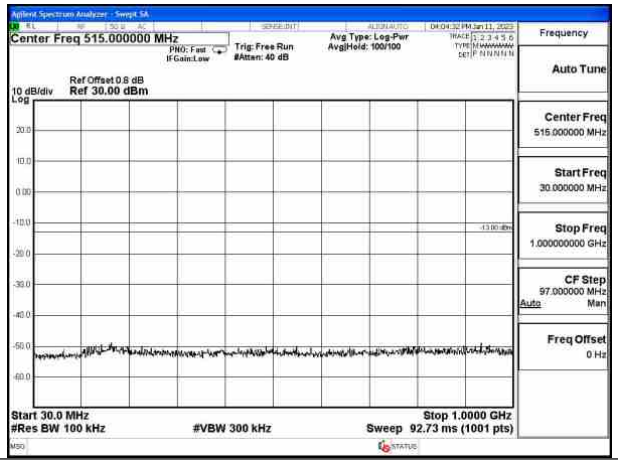

Fig.35

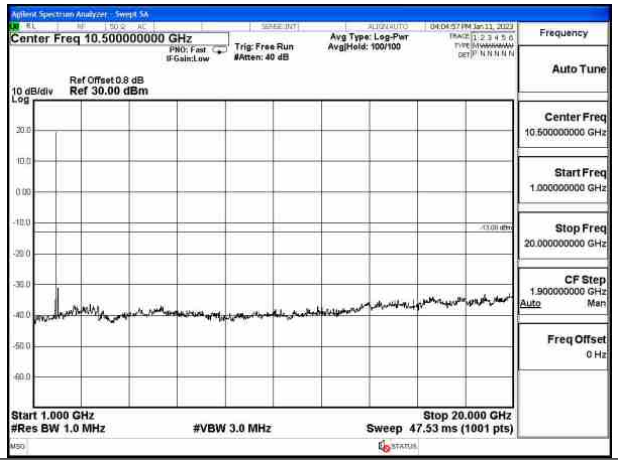

Fig.36

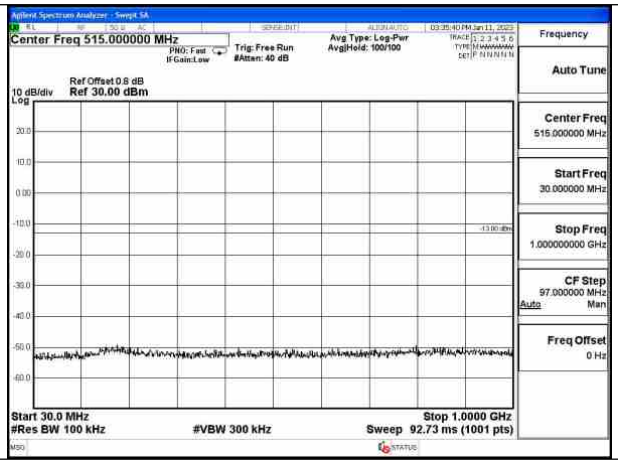

Fig.37

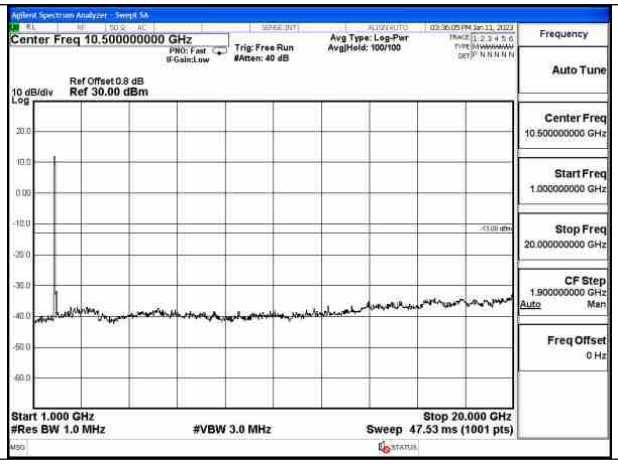

Fig.38

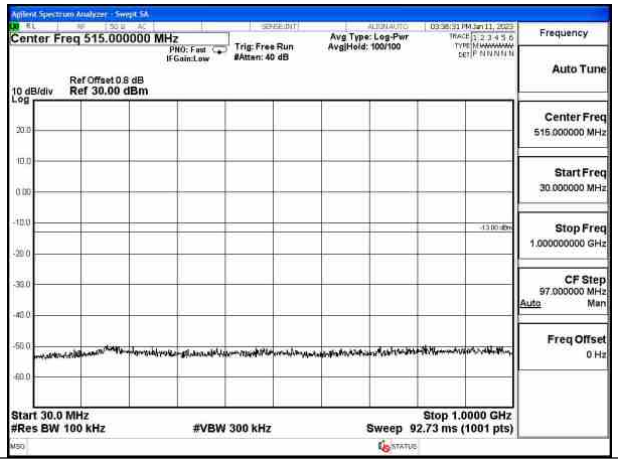

Fig.39

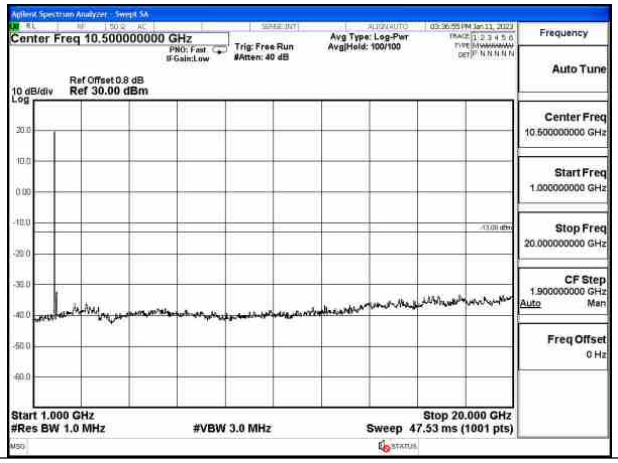

Fig.40

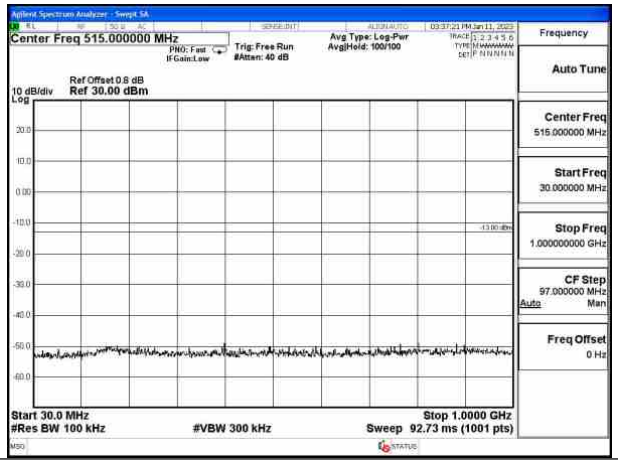

Fig.41

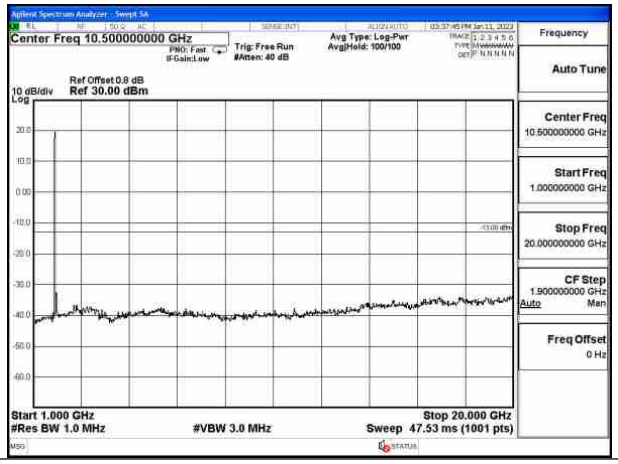

Fig.42

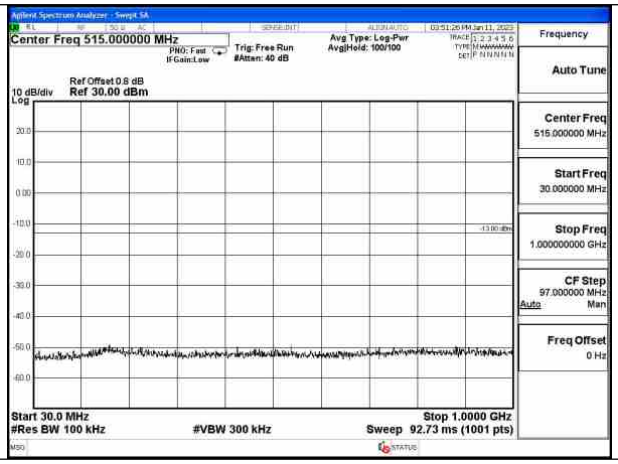

Fig.43

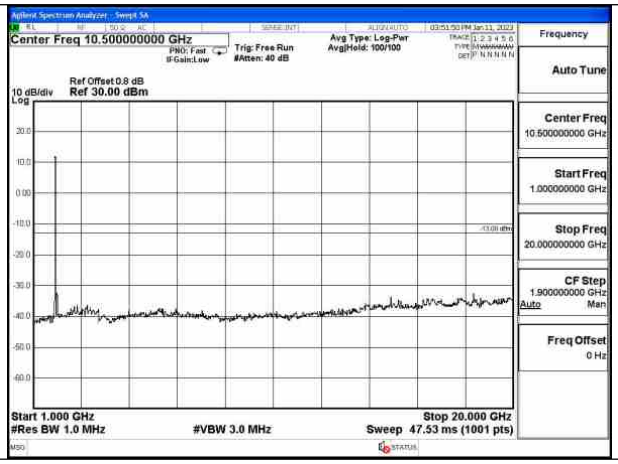

Fig.44

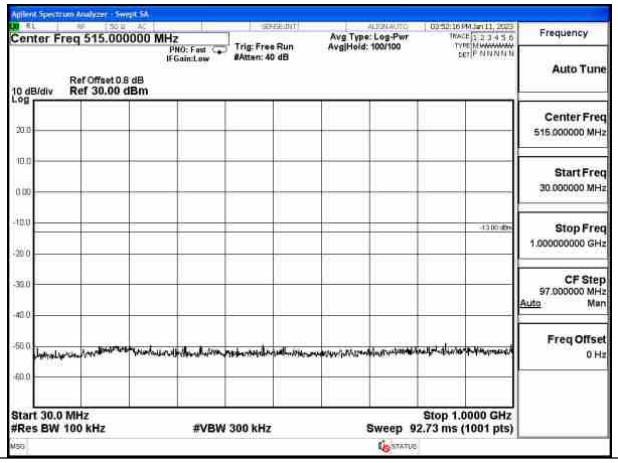

Fig.45

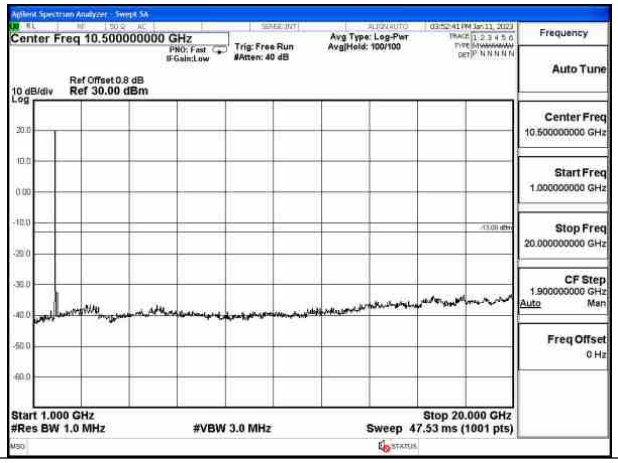

Fig.46

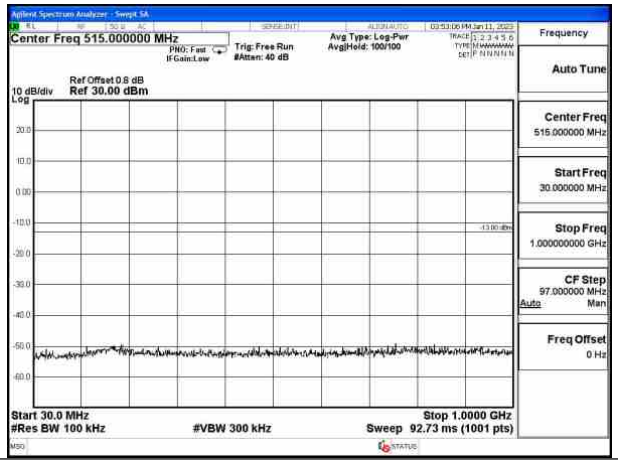

Fig.47

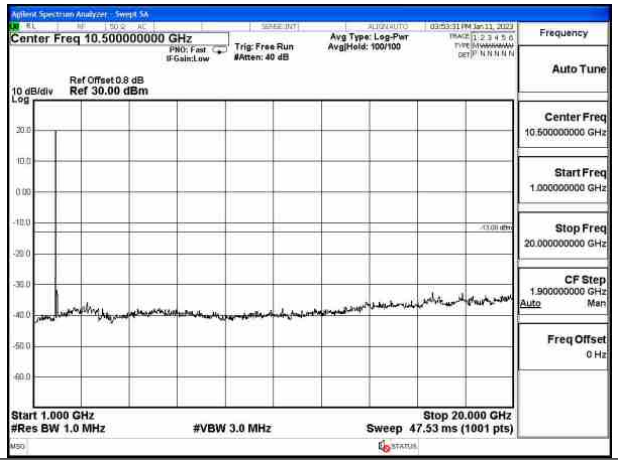

Fig.48

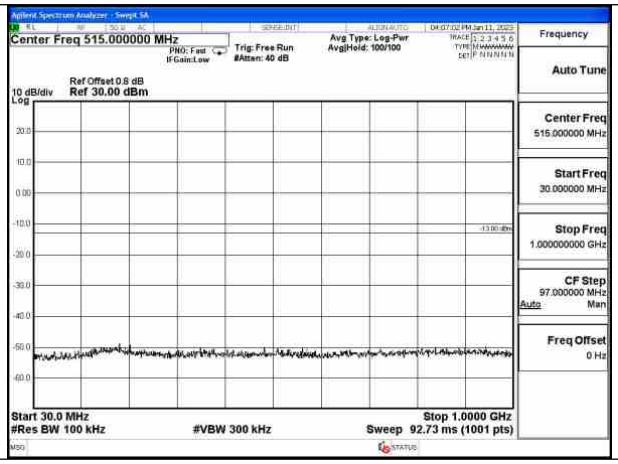

Fig.49

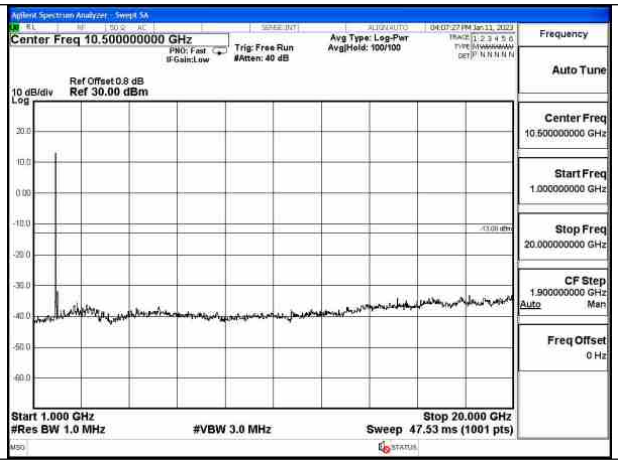

Fig.50

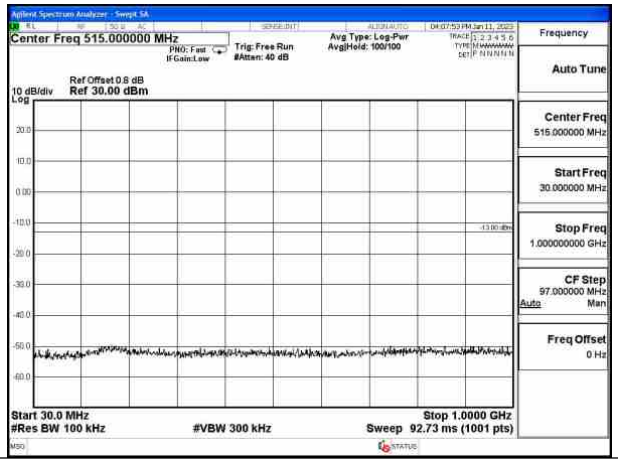

Fig.51

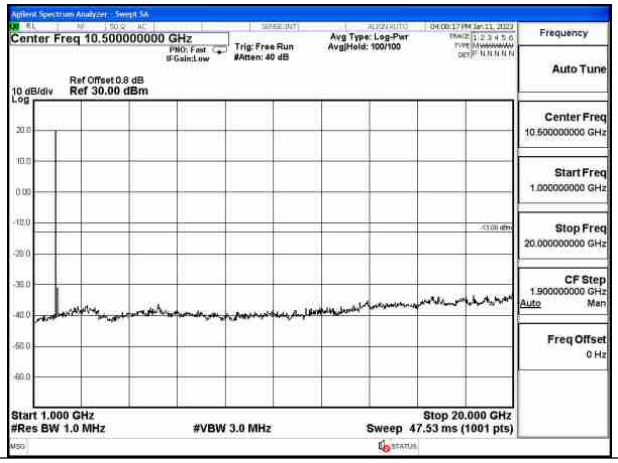

Fig.52

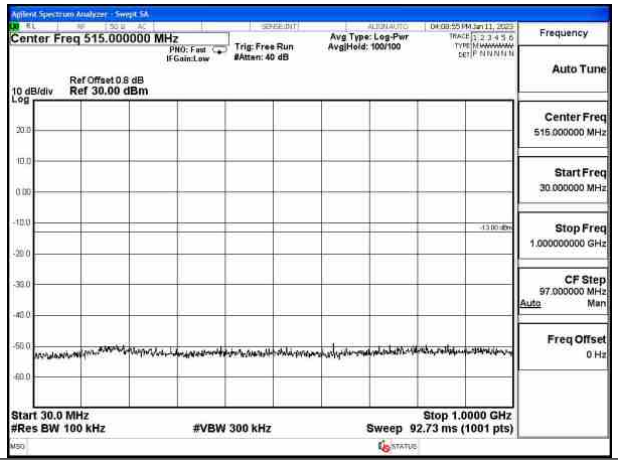

Fig.53

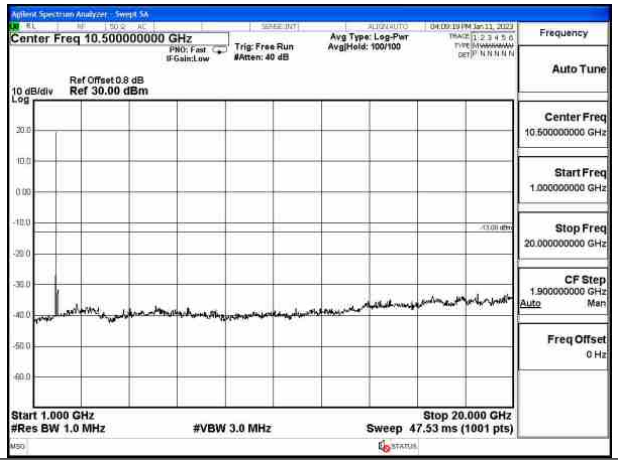

Fig.54

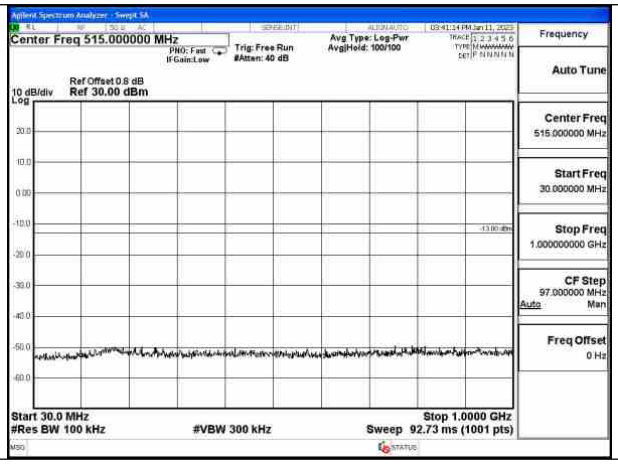

Fig.55

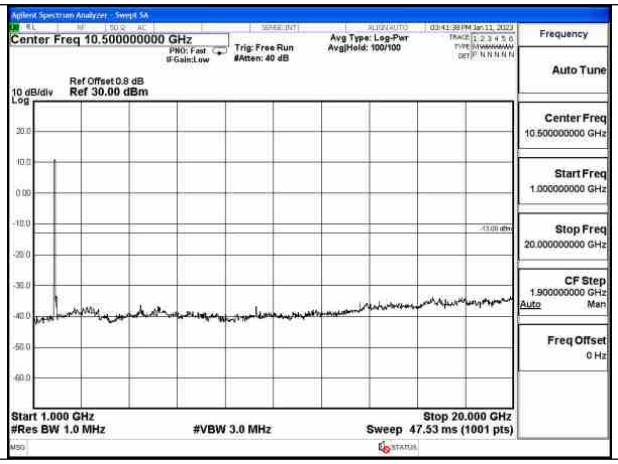

Fig.56

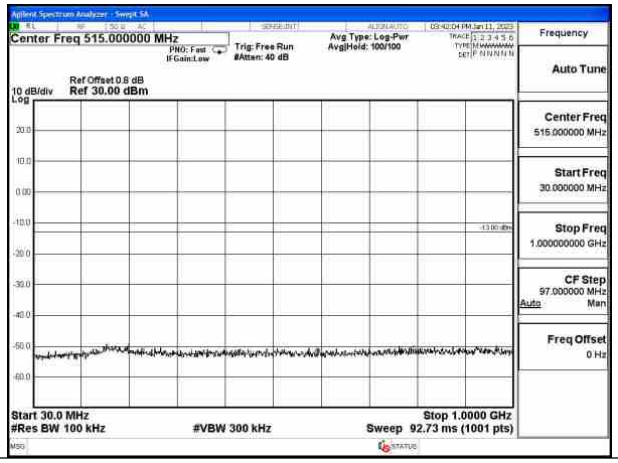

Fig.57

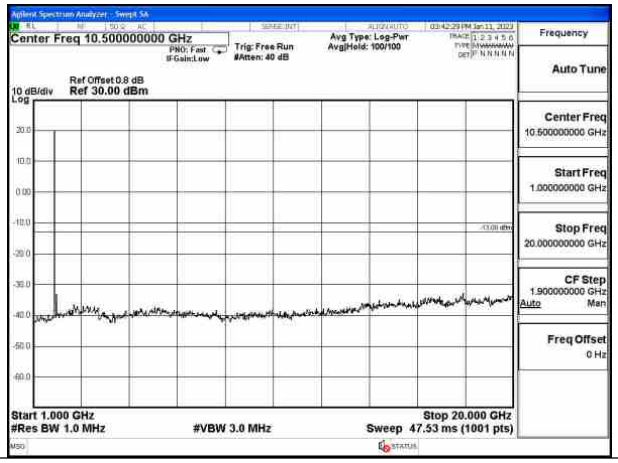

Fig.58

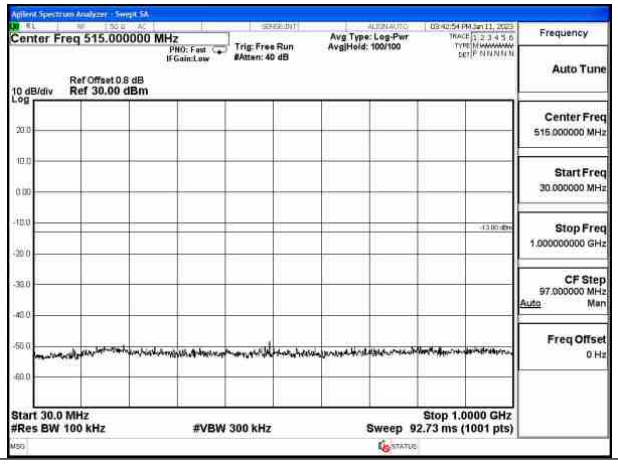

Fig.59

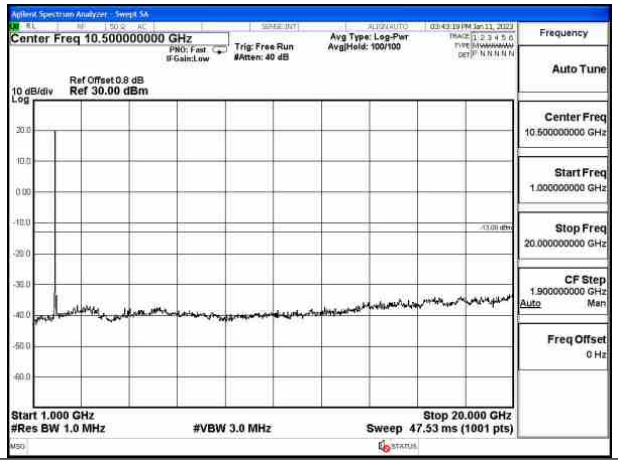

Fig.60

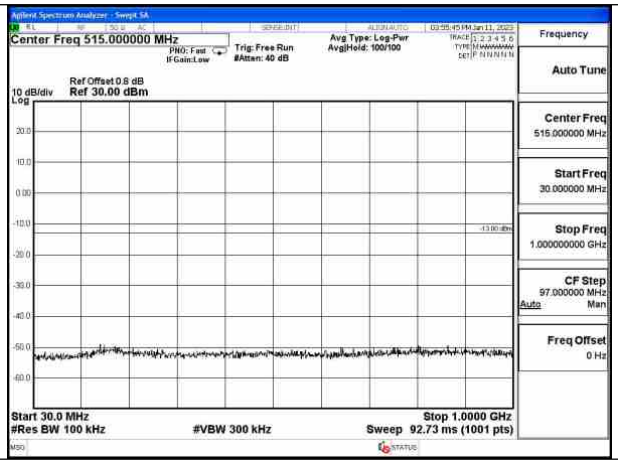

Fig.61

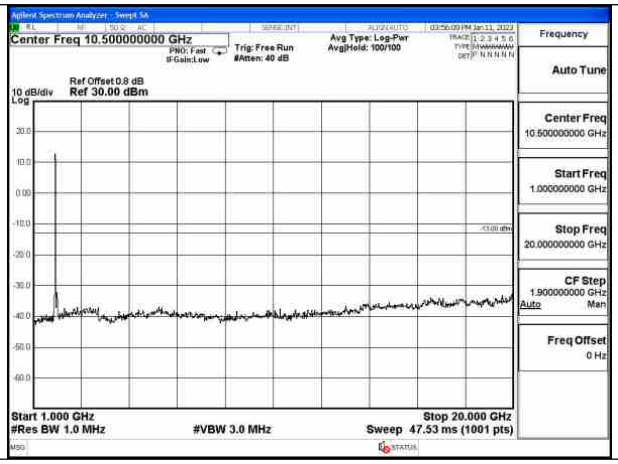

Fig.62

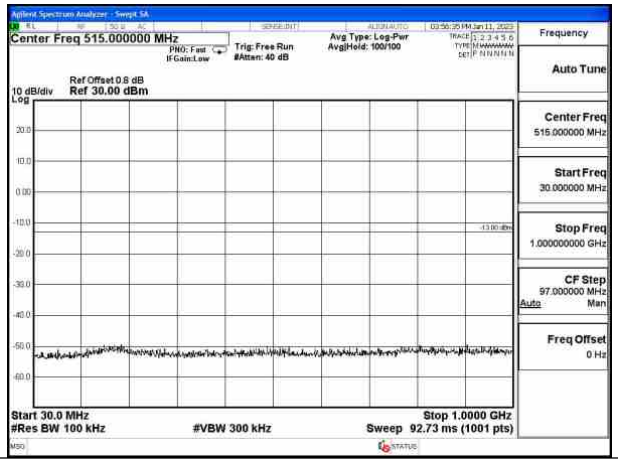

Fig.63

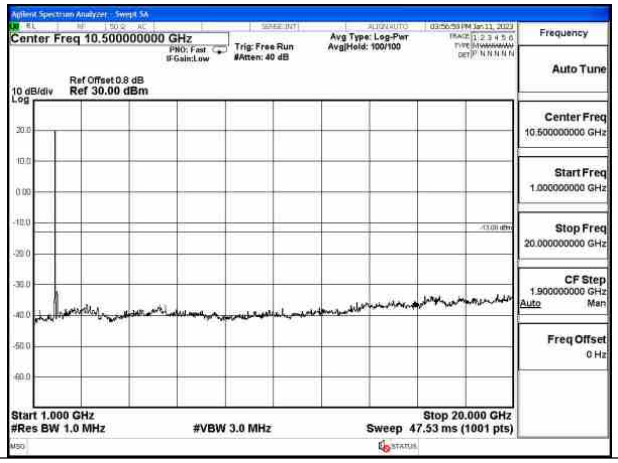

Fig.64

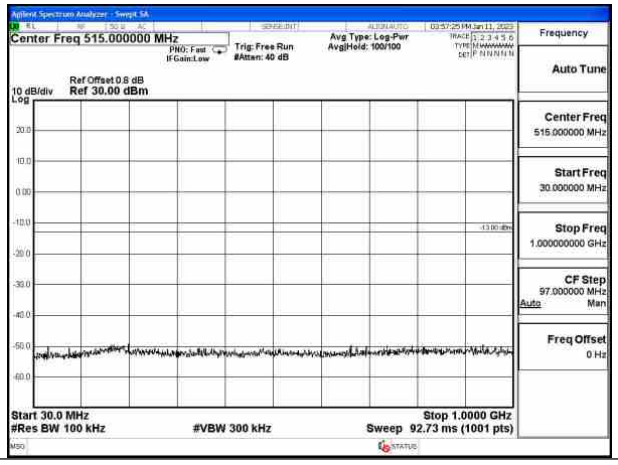

Fig.65

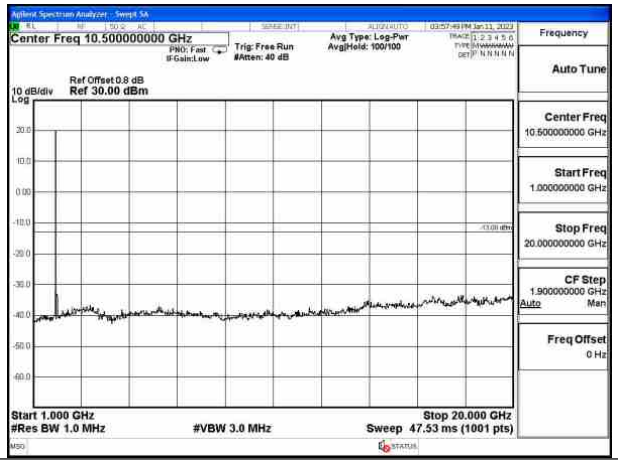

Fig.66

Fig.67

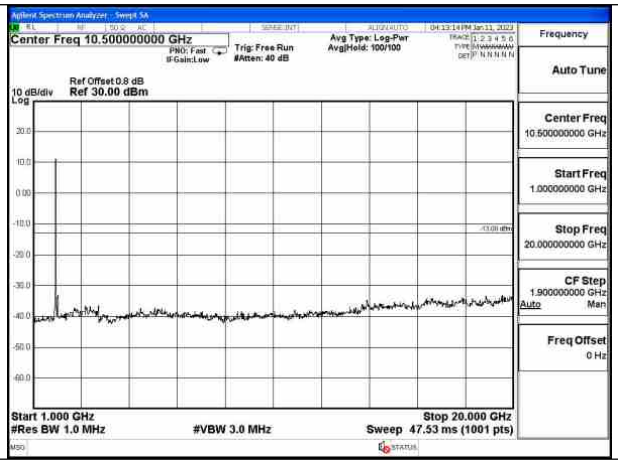

Fig.68

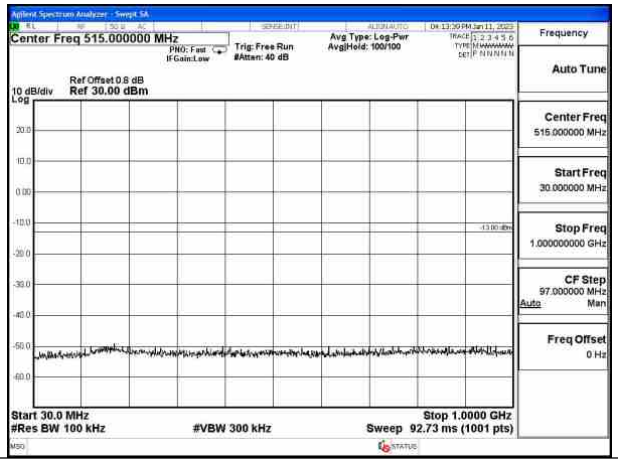

Fig.69

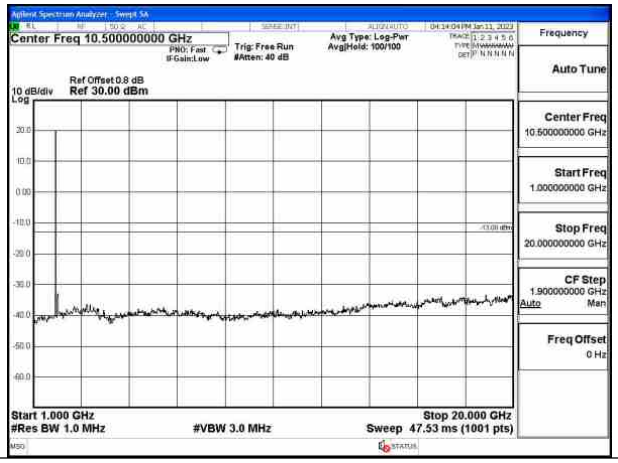

Fig.70

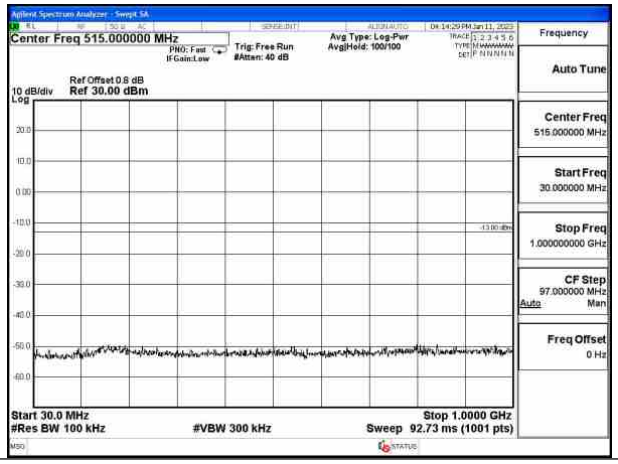

Fig.71

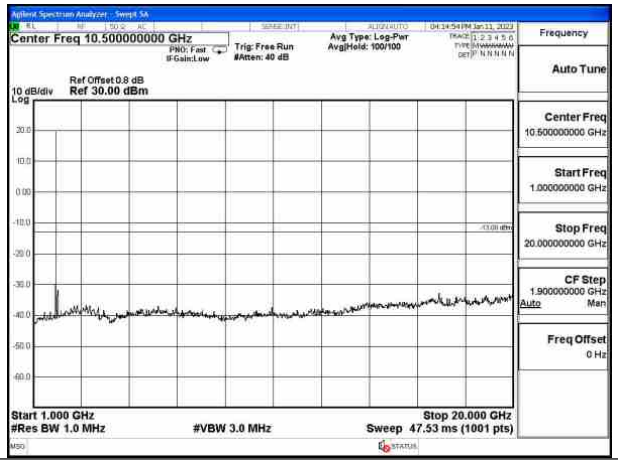

Fig.72

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	12	6	Fig.1
DFT-s-OFDM PI/2 BPSK	1852.5	370500	5	1	1	Fig.2
DFT-s-OFDM QPSK	1852.5	370500	5	12	6	Fig.3
DFT-s-OFDM QPSK	1852.5	370500	5	1	1	Fig.4
DFT-s-OFDM PI/2 BPSK	1907.5	381500	5	12	6	Fig.5
DFT-s-OFDM PI/2 BPSK	1907.5	381500	5	1	23	Fig.6
DFT-s-OFDM QPSK	1907.5	381500	5	12	6	Fig.7
DFT-s-OFDM QPSK	1907.5	381500	5	1	23	Fig.8
DFT-s-OFDM PI/2 BPSK	1855	371000	10	25	12	Fig.9
DFT-s-OFDM PI/2 BPSK	1855	371000	10	1	1	Fig.10
DFT-s-OFDM QPSK	1855	371000	10	25	12	Fig.11
DFT-s-OFDM QPSK	1855	371000	10	1	1	Fig.12
DFT-s-OFDM PI/2 BPSK	1905	381000	10	25	12	Fig.13
DFT-s-OFDM PI/2 BPSK	1905	381000	10	1	50	Fig.14
DFT-s-OFDM QPSK	1905	381000	10	25	12	Fig.15
DFT-s-OFDM QPSK	1905	381000	10	1	50	Fig.16
DFT-s-OFDM PI/2 BPSK	1857.5	371500	15	36	18	Fig.17
DFT-s-OFDM PI/2 BPSK	1857.5	371500	15	1	1	Fig.18
DFT-s-OFDM QPSK	1857.5	371500	15	36	18	Fig.19
DFT-s-OFDM QPSK	1857.5	371500	15	1	1	Fig.20
DFT-s-OFDM PI/2 BPSK	1902.5	380500	15	36	18	Fig.21
DFT-s-OFDM PI/2 BPSK	1902.5	380500	15	1	77	Fig.22
DFT-s-OFDM QPSK	1902.5	380500	15	36	18	Fig.23
DFT-s-OFDM QPSK	1902.5	380500	15	1	77	Fig.24
DFT-s-OFDM PI/2 BPSK	1860	372000	20	50	25	Fig.25
DFT-s-OFDM PI/2 BPSK	1860	372000	20	1	1	Fig.26
DFT-s-OFDM QPSK	1860	372000	20	50	25	Fig.27
DFT-s-OFDM QPSK	1860	372000	20	1	1	Fig.28
DFT-s-OFDM PI/2 BPSK	1900	380000	20	50	25	Fig.29
DFT-s-OFDM PI/2 BPSK	1900	380000	20	1	104	Fig.30
DFT-s-OFDM QPSK	1900	380000	20	50	25	Fig.31
DFT-s-OFDM QPSK	1900	380000	20	1	104	Fig.32

Test Plot:

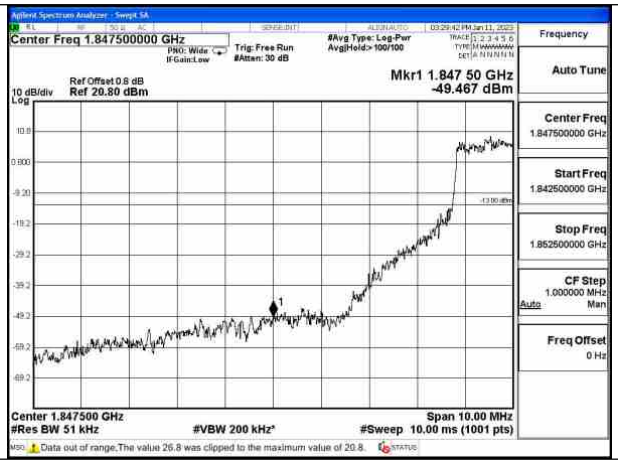

Fig.1

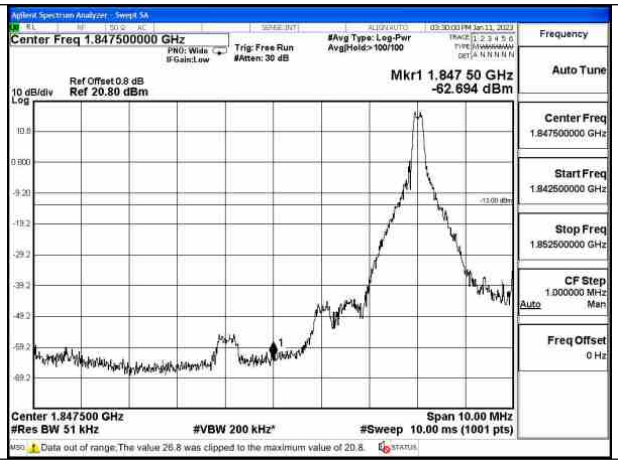

Fig.2

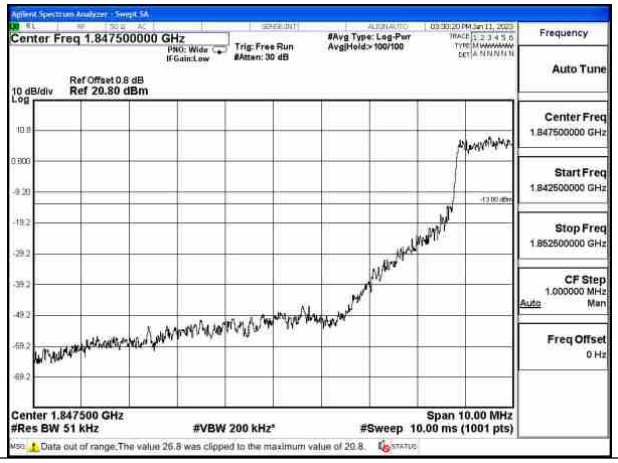

Fig.3

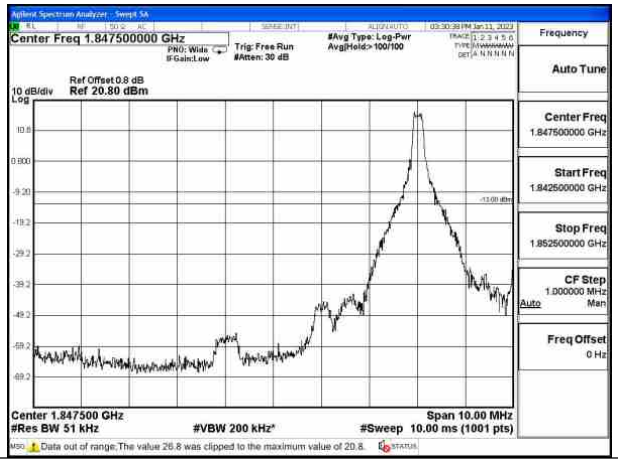

Fig.4

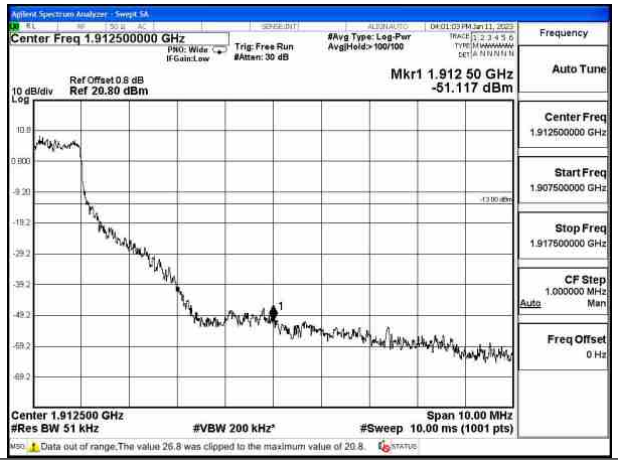

Fig.5

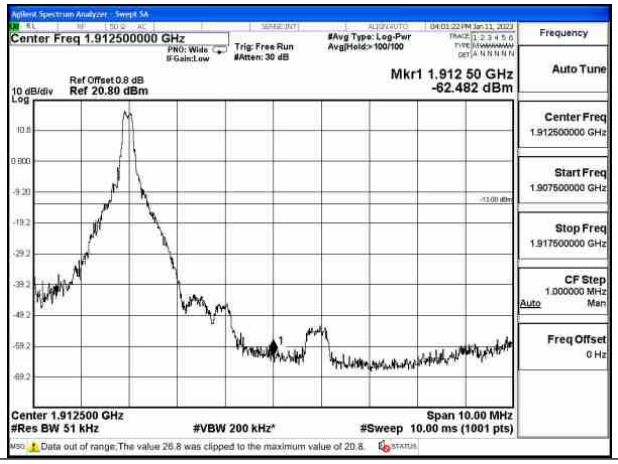

Fig.6

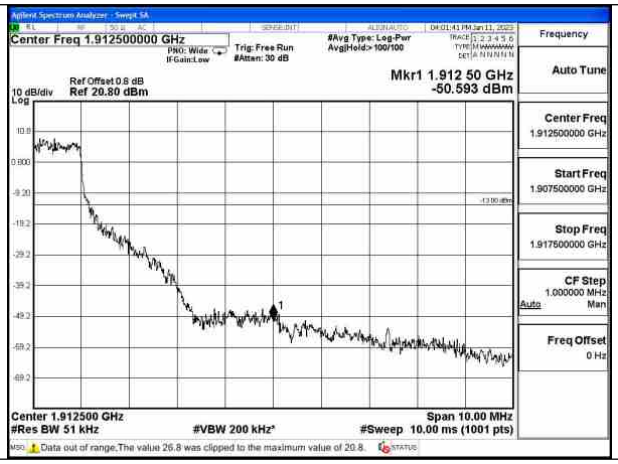

Fig.7

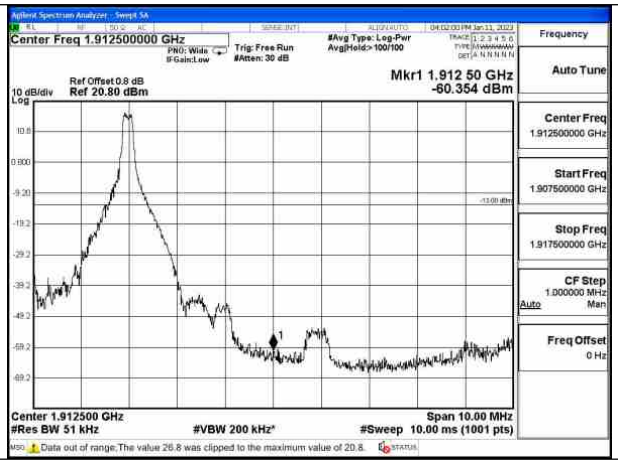

Fig.8

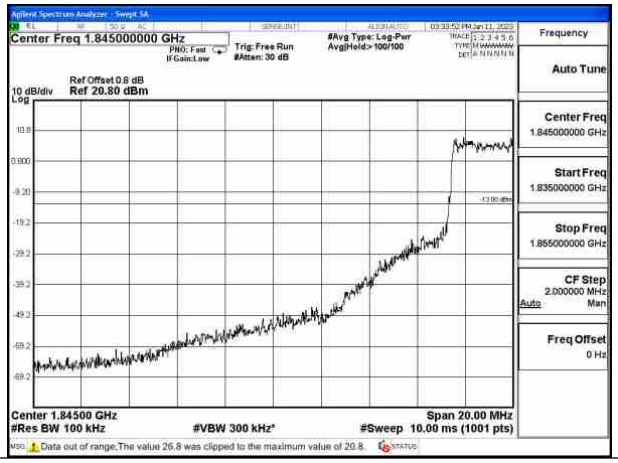

Fig.9

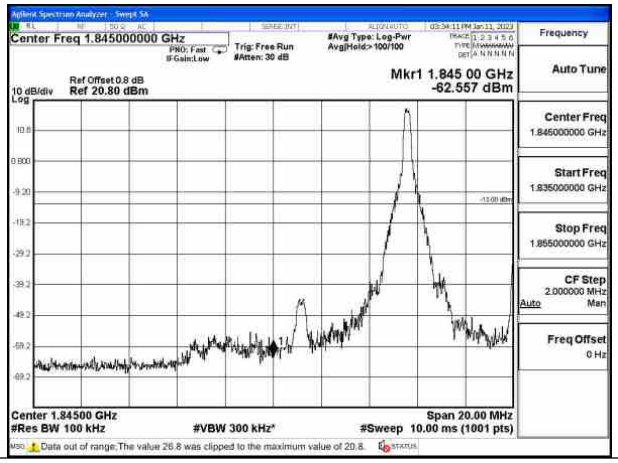

Fig.10

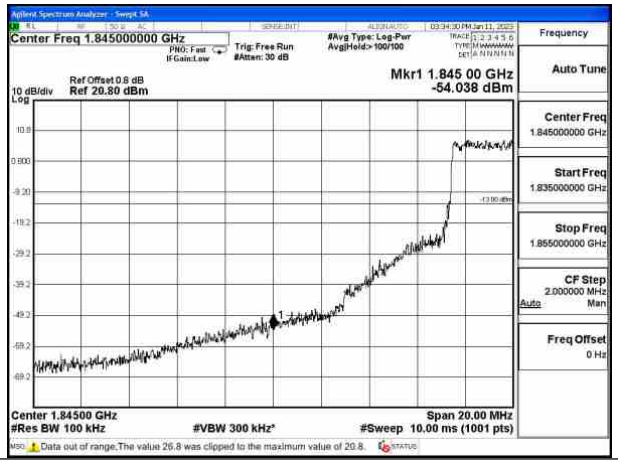

Fig.11

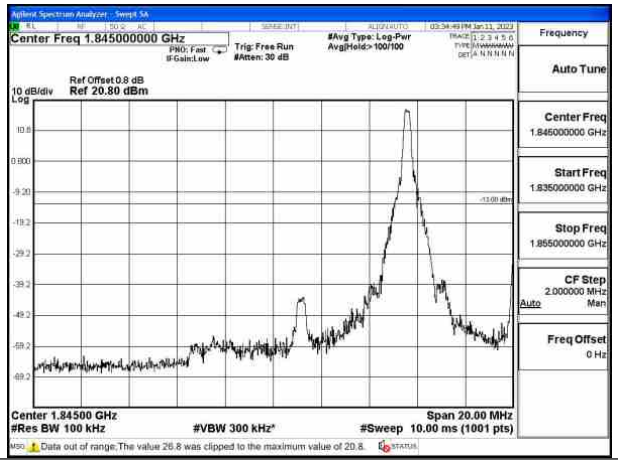

Fig.12

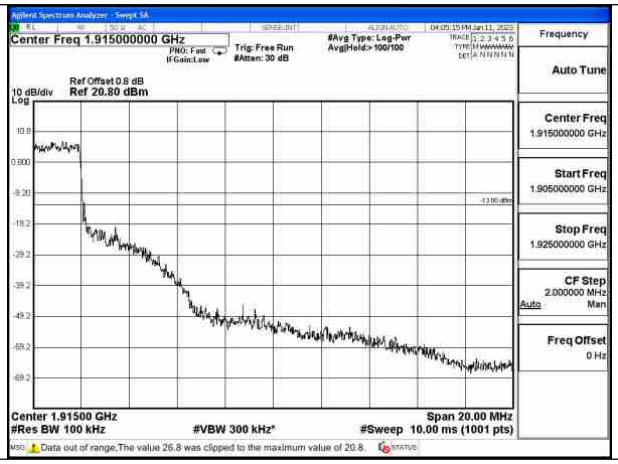

Fig.13

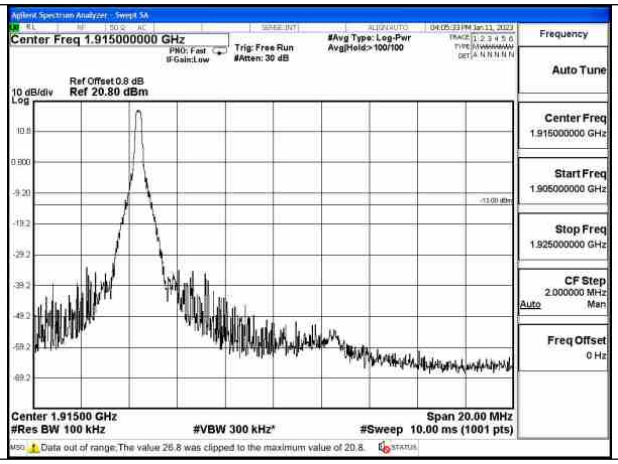

Fig.14

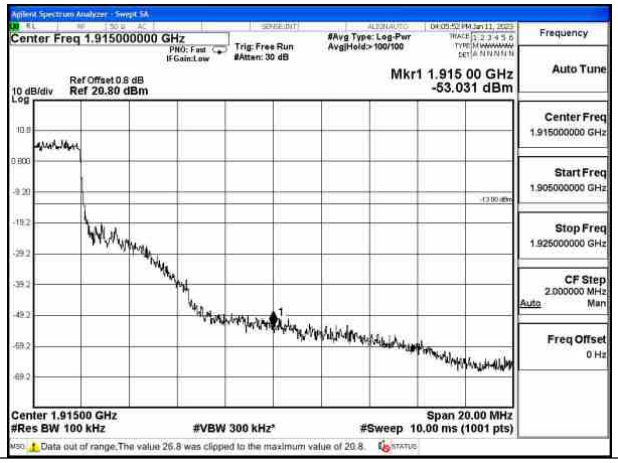

Fig.15

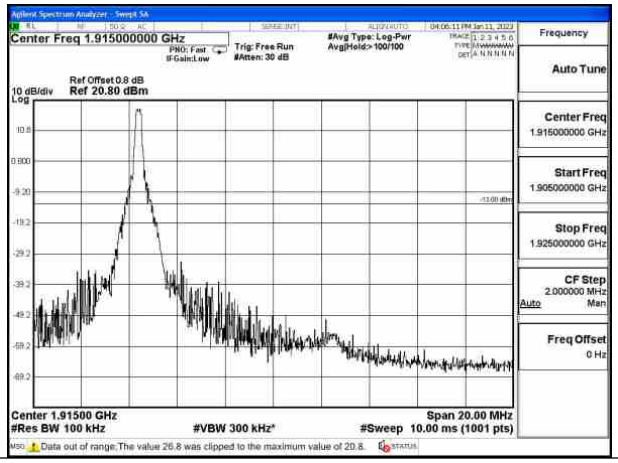

Fig.16

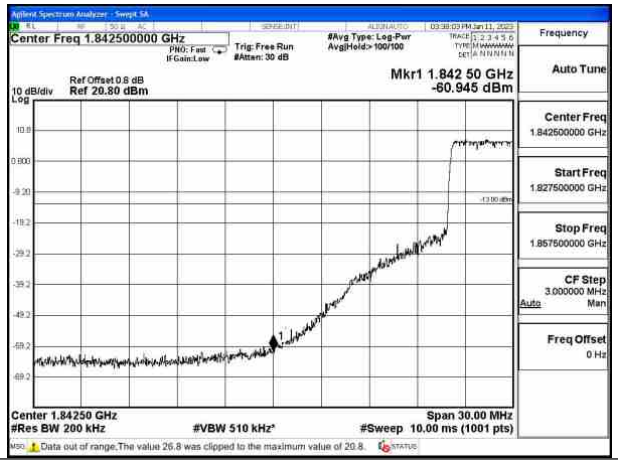

Fig.17

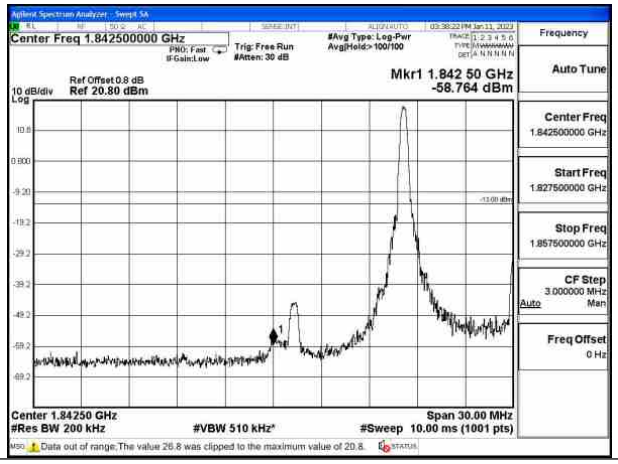

Fig.18

Fig.19

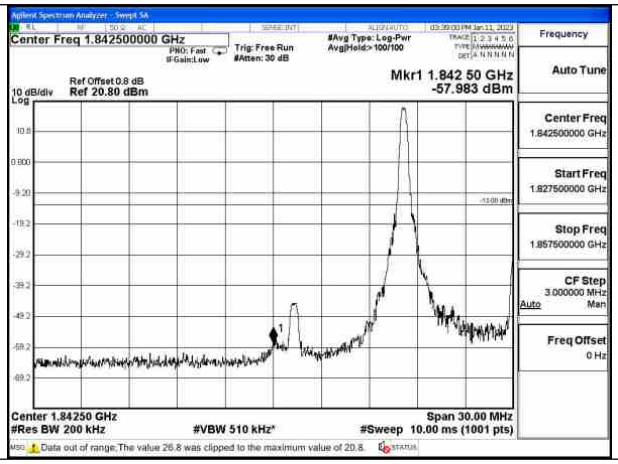

Fig.20

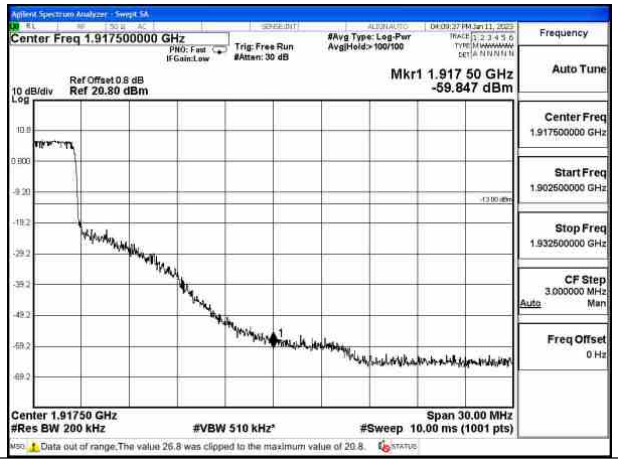

Fig.21

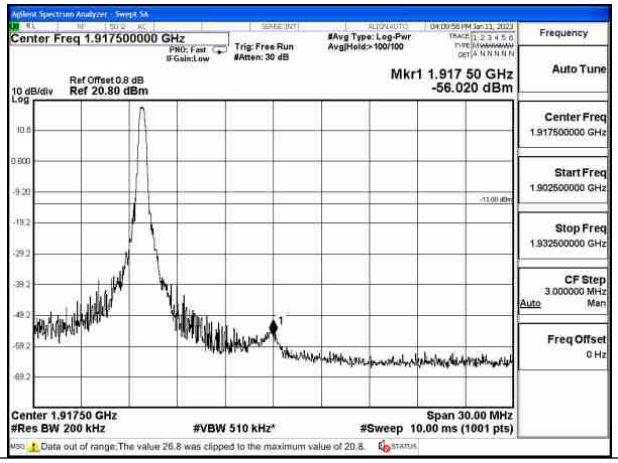

Fig.22

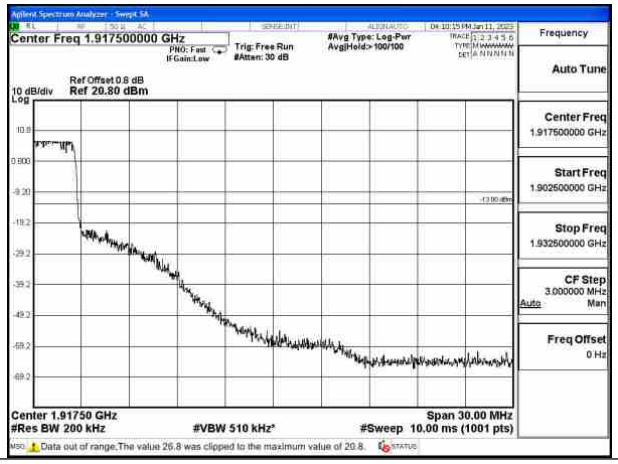

Fig.23

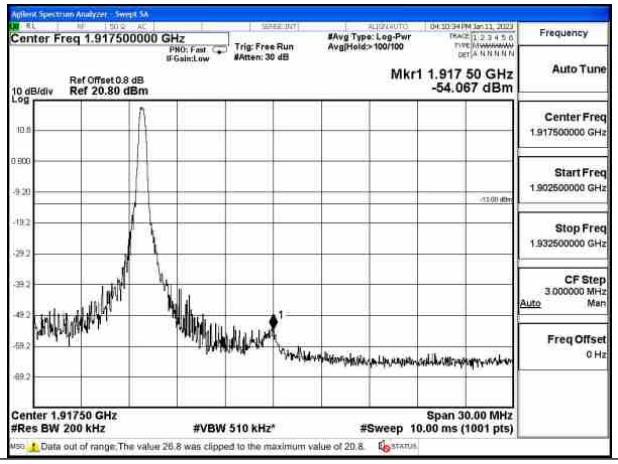

Fig.24

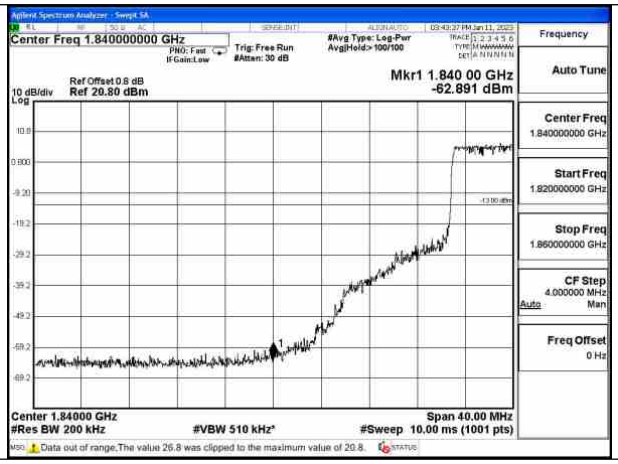

Fig.25

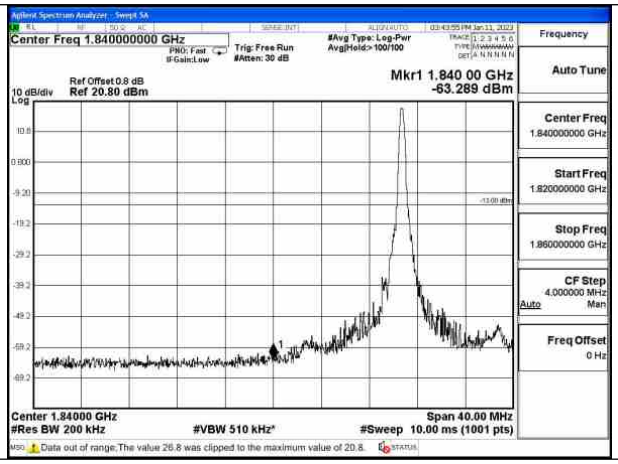

Fig.26

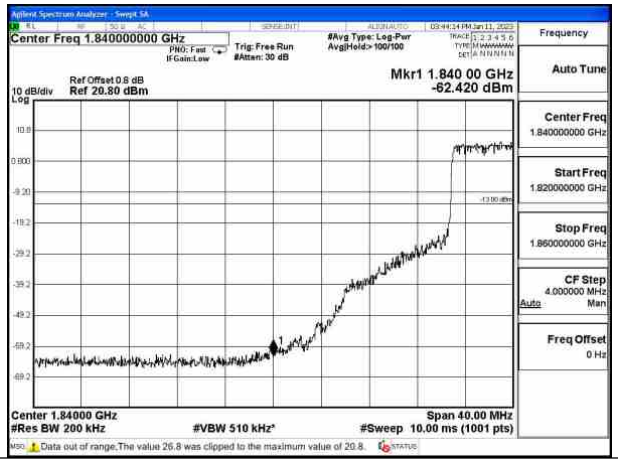

Fig.27

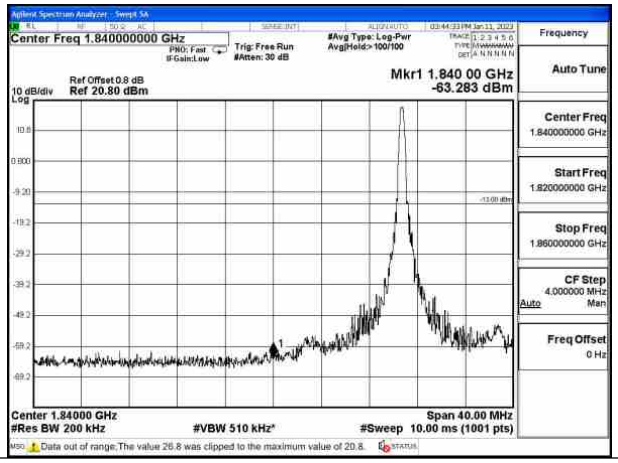

Fig.28

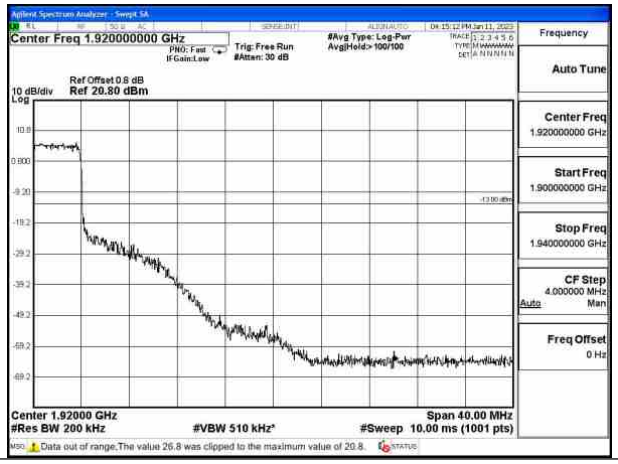

Fig.29

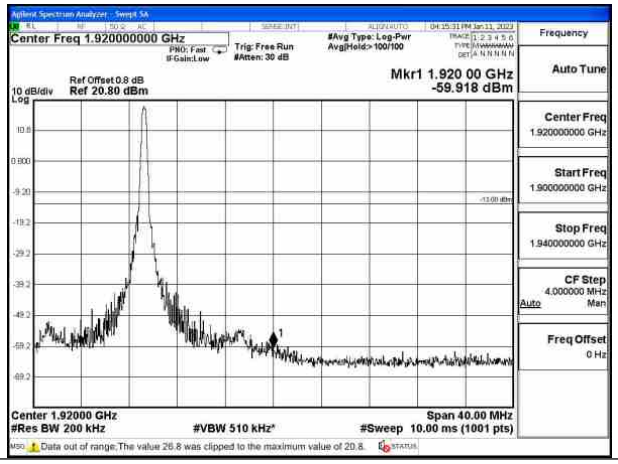

Fig.30

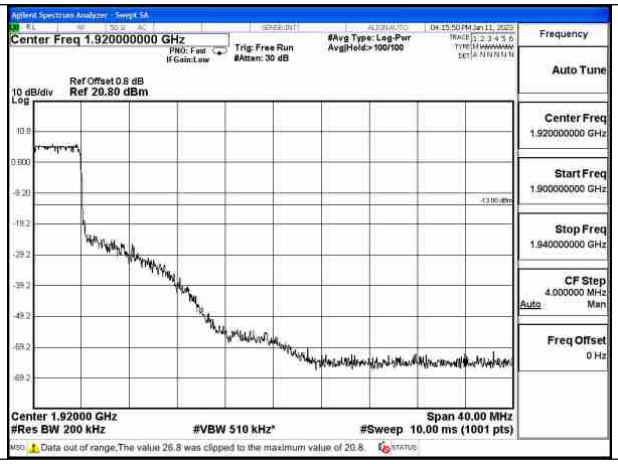
Agilent Spectrum Analyzer - Swept SA
Center Freq 1.920000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: Log-Pwr
Avg|Hold:>100/100
Ref Offset 0.8 dB
10 dB/div
Log
Ref 20.80 dBm
Center 1.92000 GHz
#Res BW 200 kHz
#VBW 510 kHz*
Span 40.00 MHz
#Sweep 10.00 ms (1001 pts)
Data out of range,The value 26.8 was clipped to the maximum value of 20.8.
Frequency
Auto Tune
Center Freq
1.920000000 GHz
Start Freq
1.900000000 GHz
Stop Freq
1.940000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz

Fig.31

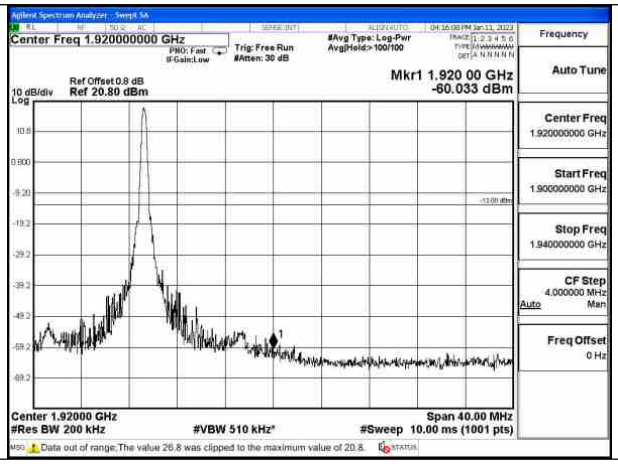
Agilent Spectrum Analyzer - Swept SA
Center Freq 1.920000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: Log-Pwr
Avg|Hold:>100/100
Mkr1 1.920 00 GHz
-60.033 dBm
Ref Offset 0.8 dB
10 dB/div
Log
Ref 20.80 dBm
Center 1.92000 GHz
#Res BW 200 kHz
#VBW 510 kHz*
Span 40.00 MHz
#Sweep 10.00 ms (1001 pts)
Data out of range,The value 26.8 was clipped to the maximum value of 20.8.
Frequency
Auto Tune
Center Freq
1.920000000 GHz
Start Freq
1.900000000 GHz
Stop Freq
1.940000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz

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 PI/2 BPSK	1860	372000	20	1	0	-10	NV	0.479
DFT-s-OFDM PI/2 BPSK	1860	372000	20	1	0	0	NV	0.654
DFT-s-OFDM PI/2 BPSK	1860	372000	20	1	0	10	NV	0.081
DFT-s-OFDM PI/2 BPSK	1860	372000	20	1	0	20	NV	0.255
DFT-s-OFDM PI/2 BPSK	1860	372000	20	1	0	30	NV	0.43
DFT-s-OFDM PI/2 BPSK	1860	372000	20	1	0	40	NV	0.75
DFT-s-OFDM PI/2 BPSK	1860	372000	20	1	0	50	NV	0.031
DFT-s-OFDM PI/2 BPSK	1860	372000	20	1	0	20	LV	0.205
DFT-s-OFDM PI/2 BPSK	1860	372000	20	1	0	20	HV	0.847
CP-OFDM QPSK	1860	372000	20	1	0	-10	NV	0.623
CP-OFDM QPSK	1860	372000	20	1	0	0	NV	0.797
CP-OFDM QPSK	1860	372000	20	1	0	10	NV	0.224
CP-OFDM QPSK	1860	372000	20	1	0	20	NV	0.399
CP-OFDM QPSK	1860	372000	20	1	0	30	NV	0.573
CP-OFDM QPSK	1860	372000	20	1	0	40	NV	0.894
CP-OFDM QPSK	1860	372000	20	1	0	50	NV	0.174
CP-OFDM QPSK	1860	372000	20	1	0	20	LV	0.349
CP-OFDM QPSK	1860	372000	20	1	0	20	HV	0.67
DFT-s-OFDM PI/2 BPSK	1900	380000	20	1	0	-10	NV	0.335
DFT-s-OFDM PI/2 BPSK	1900	380000	20	1	0	0	NV	0.189
DFT-s-OFDM PI/2 BPSK	1900	380000	20	1	0	10	NV	0.831
DFT-s-OFDM PI/2 BPSK	1900	380000	20	1	0	20	NV	0.111
DFT-s-OFDM PI/2 BPSK	1900	380000	20	1	0	30	NV	0.286
DFT-s-OFDM PI/2 BPSK	1900	380000	20	1	0	40	NV	0.46
DFT-s-OFDM PI/2 BPSK	1900	380000	20	1	0	50	NV	0.208
DFT-s-OFDM PI/2 BPSK	1900	380000	20	1	0	20	LV	0.382
DFT-s-OFDM PI/2 BPSK	1900	380000	20	1	0	20	HV	0.557
CP-OFDM QPSK	1900	380000	20	1	0	-10	NV	0.653
CP-OFDM QPSK	1900	380000	20	1	0	0	NV	0.828
CP-OFDM QPSK	1900	380000	20	1	0	10	NV	0.108
CP-OFDM QPSK	1900	380000	20	1	0	20	NV	0.429
CP-OFDM QPSK	1900	380000	20	1	0	30	NV	0.603
CP-OFDM QPSK	1900	380000	20	1	0	40	NV	0.351
CP-OFDM QPSK	1900	380000	20	1	0	50	NV	0.525
CP-OFDM QPSK	1900	380000	20	1	0	20	LV	0.7
CP-OFDM QPSK	1900	380000	20	1	0	20	HV	0.874

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	1	0	22.33	21.13	0.130
DFT-s-OFDM PI/2 BPSK	1852.5	370500	5	1	24	22.93	21.73	0.149
DFT-s-OFDM PI/2 BPSK	1852.5	370500	5	12	6	22.66	21.46	0.140
DFT-s-OFDM PI/2 BPSK	1852.5	370500	5	25	0	22.98	21.78	0.151
DFT-s-OFDM QPSK	1852.5	370500	5	1	0	23.59	22.39	0.173
DFT-s-OFDM QPSK	1852.5	370500	5	1	24	22.23	21.03	0.127
DFT-s-OFDM QPSK	1852.5	370500	5	12	6	22.84	21.64	0.146
DFT-s-OFDM QPSK	1852.5	370500	5	25	0	23.44	22.24	0.167
DFT-s-OFDM 16QAM	1852.5	370500	5	1	0	22.09	20.89	0.123
DFT-s-OFDM 16QAM	1852.5	370500	5	1	24	23.49	22.29	0.169
DFT-s-OFDM 16QAM	1852.5	370500	5	12	6	23.02	21.82	0.152
DFT-s-OFDM 16QAM	1852.5	370500	5	25	0	22.74	21.54	0.143
DFT-s-OFDM 64QAM	1852.5	370500	5	1	0	22.27	21.07	0.128
DFT-s-OFDM 64QAM	1852.5	370500	5	1	24	23.67	22.47	0.177
DFT-s-OFDM 64QAM	1852.5	370500	5	12	6	22.32	21.12	0.129
DFT-s-OFDM 64QAM	1852.5	370500	5	25	0	22.92	21.72	0.149
DFT-s-OFDM 256QAM	1852.5	370500	5	1	0	23.25	22.05	0.160
DFT-s-OFDM 256QAM	1852.5	370500	5	1	24	22.18	20.98	0.125
DFT-s-OFDM 256QAM	1852.5	370500	5	12	6	22.78	21.58	0.144
DFT-s-OFDM 256QAM	1852.5	370500	5	25	0	23.11	21.91	0.155
CP-OFDM QPSK	1852.5	370500	5	1	0	22.83	21.63	0.146
CP-OFDM QPSK	1852.5	370500	5	1	24	22.36	21.16	0.131
CP-OFDM QPSK	1852.5	370500	5	13	6	22.08	20.88	0.122
CP-OFDM QPSK	1852.5	370500	5	25	0	23.29	22.09	0.162
CP-OFDM 16QAM	1852.5	370500	5	1	0	23.01	21.81	0.152
CP-OFDM 16QAM	1852.5	370500	5	1	24	23.34	22.14	0.164
CP-OFDM 16QAM	1852.5	370500	5	13	6	22.26	21.06	0.128
CP-OFDM 16QAM	1852.5	370500	5	25	0	22.59	21.39	0.138
CP-OFDM 64QAM	1852.5	370500	5	1	0	23.19	21.99	0.158
CP-OFDM 64QAM	1852.5	370500	5	1	24	23.52	22.32	0.171
CP-OFDM 64QAM	1852.5	370500	5	13	6	22.44	21.24	0.133
CP-OFDM 64QAM	1852.5	370500	5	25	0	22.17	20.97	0.125
CP-OFDM 256QAM	1852.5	370500	5	1	0	23.38	22.18	0.165
CP-OFDM 256QAM	1852.5	370500	5	1	24	23.10	21.90	0.155
CP-OFDM 256QAM	1852.5	370500	5	13	6	22.63	21.43	0.139
CP-OFDM 256QAM	1852.5	370500	5	25	0	22.35	21.15	0.130
DFT-s-OFDM PI/2 BPSK	1880	376000	5	1	0	22.23	21.03	0.127
DFT-s-OFDM PI/2 BPSK	1880	376000	5	1	24	22.83	21.63	0.146
DFT-s-OFDM PI/2 BPSK	1880	376000	5	12	6	23.16	21.96	0.157
DFT-s-OFDM PI/2 BPSK	1880	376000	5	25	0	22.08	20.88	0.122
DFT-s-OFDM QPSK	1880	376000	5	1	0	22.41	21.21	0.132
DFT-s-OFDM QPSK	1880	376000	5	1	24	22.74	21.54	0.143
DFT-s-OFDM QPSK	1880	376000	5	12	6	23.34	22.14	0.164
DFT-s-OFDM QPSK	1880	376000	5	25	0	23.67	22.47	0.177

DFT-s-OFDM 16QAM	1880	376000	5	1	0	23.20	22.00	0.158
DFT-s-OFDM 16QAM	1880	376000	5	1	24	22.92	21.72	0.149
DFT-s-OFDM 16QAM	1880	376000	5	12	6	23.25	22.05	0.160
DFT-s-OFDM 16QAM	1880	376000	5	25	0	22.77	21.57	0.144
DFT-s-OFDM 64QAM	1880	376000	5	1	0	22.50	21.30	0.135
DFT-s-OFDM 64QAM	1880	376000	5	1	24	22.03	20.83	0.121
DFT-s-OFDM 64QAM	1880	376000	5	12	6	22.35	21.15	0.130
DFT-s-OFDM 64QAM	1880	376000	5	25	0	22.08	20.88	0.122
DFT-s-OFDM 256QAM	1880	376000	5	1	0	23.28	22.08	0.161
DFT-s-OFDM 256QAM	1880	376000	5	1	24	23.61	22.41	0.174
DFT-s-OFDM 256QAM	1880	376000	5	12	6	22.53	21.33	0.136
DFT-s-OFDM 256QAM	1880	376000	5	25	0	22.86	21.66	0.147
CP-OFDM QPSK	1880	376000	5	1	0	23.19	21.99	0.158
CP-OFDM QPSK	1880	376000	5	1	24	22.11	20.91	0.123
CP-OFDM QPSK	1880	376000	5	13	6	22.44	21.24	0.133
CP-OFDM QPSK	1880	376000	5	25	0	22.77	21.57	0.144
CP-OFDM 16QAM	1880	376000	5	1	0	23.37	22.17	0.165
CP-OFDM 16QAM	1880	376000	5	1	24	22.02	20.82	0.121
CP-OFDM 16QAM	1880	376000	5	13	6	22.35	21.15	0.130
CP-OFDM 16QAM	1880	376000	5	25	0	22.95	21.75	0.150
CP-OFDM 64QAM	1880	376000	5	1	0	23.28	22.08	0.161
CP-OFDM 64QAM	1880	376000	5	1	24	23.61	22.41	0.174
CP-OFDM 64QAM	1880	376000	5	13	6	22.53	21.33	0.136
CP-OFDM 64QAM	1880	376000	5	25	0	22.86	21.66	0.147
CP-OFDM 256QAM	1880	376000	5	1	0	23.46	22.26	0.168
CP-OFDM 256QAM	1880	376000	5	1	24	22.11	20.91	0.123
CP-OFDM 256QAM	1880	376000	5	13	6	22.44	21.24	0.133
CP-OFDM 256QAM	1880	376000	5	25	0	23.04	21.84	0.153
DFT-s-OFDM PI/2 BPSK	1907.5	381500	5	1	0	22.66	21.46	0.140
DFT-s-OFDM PI/2 BPSK	1907.5	381500	5	1	24	22.19	20.99	0.126
DFT-s-OFDM PI/2 BPSK	1907.5	381500	5	12	6	22.51	21.31	0.135
DFT-s-OFDM PI/2 BPSK	1907.5	381500	5	25	0	22.84	21.64	0.146
DFT-s-OFDM QPSK	1907.5	381500	5	1	0	23.44	22.24	0.167
DFT-s-OFDM QPSK	1907.5	381500	5	1	24	22.09	20.89	0.123
DFT-s-OFDM QPSK	1907.5	381500	5	12	6	22.42	21.22	0.132
DFT-s-OFDM QPSK	1907.5	381500	5	25	0	22.75	21.55	0.143
DFT-s-OFDM 16QAM	1907.5	381500	5	1	0	22.27	21.07	0.128
DFT-s-OFDM 16QAM	1907.5	381500	5	1	24	23.68	22.48	0.177
DFT-s-OFDM 16QAM	1907.5	381500	5	12	6	23.20	22.00	0.158
DFT-s-OFDM 16QAM	1907.5	381500	5	25	0	23.53	22.33	0.171
DFT-s-OFDM 64QAM	1907.5	381500	5	1	0	22.18	20.98	0.125
DFT-s-OFDM 64QAM	1907.5	381500	5	1	24	22.51	21.31	0.135
DFT-s-OFDM 64QAM	1907.5	381500	5	12	6	22.03	20.83	0.121
DFT-s-OFDM 64QAM	1907.5	381500	5	25	0	22.36	21.16	0.131
DFT-s-OFDM 256QAM	1907.5	381500	5	1	0	22.09	20.89	0.123
DFT-s-OFDM 256QAM	1907.5	381500	5	1	24	23.29	22.09	0.162

DFT-s-OFDM 256QAM	1907.5	381500	5	12	6	23.62	22.42	0.175
DFT-s-OFDM 256QAM	1907.5	381500	5	25	0	22.27	21.07	0.128
CP-OFDM QPSK	1907.5	381500	5	1	0	22.60	21.40	0.138
CP-OFDM QPSK	1907.5	381500	5	1	24	22.12	20.92	0.124
CP-OFDM QPSK	1907.5	381500	5	13	6	23.53	22.33	0.171
CP-OFDM QPSK	1907.5	381500	5	25	0	23.05	21.85	0.153
CP-OFDM 16QAM	1907.5	381500	5	1	0	23.38	22.18	0.165
CP-OFDM 16QAM	1907.5	381500	5	1	24	22.03	20.83	0.121
CP-OFDM 16QAM	1907.5	381500	5	13	6	22.36	21.16	0.131
CP-OFDM 16QAM	1907.5	381500	5	25	0	23.56	22.36	0.172
CP-OFDM 64QAM	1907.5	381500	5	1	0	22.21	21.01	0.126
CP-OFDM 64QAM	1907.5	381500	5	1	24	22.54	21.34	0.136
CP-OFDM 64QAM	1907.5	381500	5	13	6	23.14	21.94	0.156
CP-OFDM 64QAM	1907.5	381500	5	25	0	22.39	21.19	0.132
CP-OFDM 256QAM	1907.5	381500	5	1	0	22.72	21.52	0.142
CP-OFDM 256QAM	1907.5	381500	5	1	24	23.05	21.85	0.153
CP-OFDM 256QAM	1907.5	381500	5	13	6	23.65	22.45	0.176
CP-OFDM 256QAM	1907.5	381500	5	25	0	22.30	21.10	0.129

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	1	0	22.47	21.27	0.134
DFT-s-OFDM PI/2 BPSK	1855	371000	10	1	51	23.07	21.87	0.154
DFT-s-OFDM PI/2 BPSK	1855	371000	10	25	12	23.40	22.20	0.166
DFT-s-OFDM PI/2 BPSK	1855	371000	10	50	0	22.05	20.85	0.122
DFT-s-OFDM QPSK	1855	371000	10	1	0	22.65	21.45	0.140
DFT-s-OFDM QPSK	1855	371000	10	1	51	22.98	21.78	0.151
DFT-s-OFDM QPSK	1855	371000	10	25	12	23.58	22.38	0.173
DFT-s-OFDM QPSK	1855	371000	10	50	0	22.23	21.03	0.127
DFT-s-OFDM 16QAM	1855	371000	10	1	0	22.83	21.63	0.146
DFT-s-OFDM 16QAM	1855	371000	10	1	51	23.16	21.96	0.157
DFT-s-OFDM 16QAM	1855	371000	10	25	12	22.88	21.68	0.147
DFT-s-OFDM 16QAM	1855	371000	10	50	0	22.41	21.21	0.132
DFT-s-OFDM 64QAM	1855	371000	10	1	0	22.14	20.94	0.124
DFT-s-OFDM 64QAM	1855	371000	10	1	51	23.34	22.14	0.164
DFT-s-OFDM 64QAM	1855	371000	10	25	12	23.07	21.87	0.154
DFT-s-OFDM 64QAM	1855	371000	10	50	0	23.39	22.19	0.166
DFT-s-OFDM 256QAM	1855	371000	10	1	0	22.32	21.12	0.129
DFT-s-OFDM 256QAM	1855	371000	10	1	51	22.64	21.44	0.139
DFT-s-OFDM 256QAM	1855	371000	10	25	12	23.25	22.05	0.160
DFT-s-OFDM 256QAM	1855	371000	10	50	0	23.58	22.38	0.173
CP-OFDM QPSK	1855	371000	10	1	0	22.50	21.30	0.135
CP-OFDM QPSK	1855	371000	10	1	51	22.83	21.63	0.146
CP-OFDM QPSK	1855	371000	10	26	13	23.43	22.23	0.167
CP-OFDM QPSK	1855	371000	10	52	0	22.08	20.88	0.122
CP-OFDM 16QAM	1855	371000	10	1	0	22.68	21.48	0.141

CP-OFDM 16QAM	1855	371000	10	1	51	23.01	21.81	0.152
CP-OFDM 16QAM	1855	371000	10	26	13	22.73	21.53	0.142
CP-OFDM 16QAM	1855	371000	10	52	0	22.26	21.06	0.128
CP-OFDM 64QAM	1855	371000	10	1	0	23.66	22.46	0.176
CP-OFDM 64QAM	1855	371000	10	1	51	23.19	21.99	0.158
CP-OFDM 64QAM	1855	371000	10	26	13	22.91	21.71	0.148
CP-OFDM 64QAM	1855	371000	10	52	0	23.24	22.04	0.160
CP-OFDM 256QAM	1855	371000	10	1	0	22.16	20.96	0.125
CP-OFDM 256QAM	1855	371000	10	1	51	22.49	21.29	0.135
CP-OFDM 256QAM	1855	371000	10	26	13	23.10	21.90	0.155
CP-OFDM 256QAM	1855	371000	10	52	0	23.42	22.22	0.167
DFT-s-OFDM PI/2 BPSK	1880	376000	10	1	0	22.62	21.42	0.139
DFT-s-OFDM PI/2 BPSK	1880	376000	10	1	51	23.22	22.02	0.159
DFT-s-OFDM PI/2 BPSK	1880	376000	10	25	12	23.55	22.35	0.172
DFT-s-OFDM PI/2 BPSK	1880	376000	10	50	0	22.20	21.00	0.126
DFT-s-OFDM QPSK	1880	376000	10	1	0	23.40	22.20	0.166
DFT-s-OFDM QPSK	1880	376000	10	1	51	23.13	21.93	0.156
DFT-s-OFDM QPSK	1880	376000	10	25	12	23.45	22.25	0.168
DFT-s-OFDM QPSK	1880	376000	10	50	0	22.98	21.78	0.151
DFT-s-OFDM 16QAM	1880	376000	10	1	0	22.71	21.51	0.142
DFT-s-OFDM 16QAM	1880	376000	10	1	51	22.23	21.03	0.127
DFT-s-OFDM 16QAM	1880	376000	10	25	12	22.56	21.36	0.137
DFT-s-OFDM 16QAM	1880	376000	10	50	0	22.89	21.69	0.148
DFT-s-OFDM 64QAM	1880	376000	10	1	0	23.21	22.01	0.159
DFT-s-OFDM 64QAM	1880	376000	10	1	51	22.14	20.94	0.124
DFT-s-OFDM 64QAM	1880	376000	10	25	12	22.47	21.27	0.134
DFT-s-OFDM 64QAM	1880	376000	10	50	0	22.79	21.59	0.144
DFT-s-OFDM 256QAM	1880	376000	10	1	0	23.40	22.20	0.166
DFT-s-OFDM 256QAM	1880	376000	10	1	51	22.04	20.84	0.121
DFT-s-OFDM 256QAM	1880	376000	10	25	12	23.25	22.05	0.160
DFT-s-OFDM 256QAM	1880	376000	10	50	0	23.58	22.38	0.173
CP-OFDM QPSK	1880	376000	10	1	0	23.30	22.10	0.162
CP-OFDM QPSK	1880	376000	10	1	51	22.83	21.63	0.146
CP-OFDM QPSK	1880	376000	10	26	13	23.16	21.96	0.157
CP-OFDM QPSK	1880	376000	10	52	0	23.48	22.28	0.169
CP-OFDM 16QAM	1880	376000	10	1	0	22.41	21.21	0.132
CP-OFDM 16QAM	1880	376000	10	1	51	22.73	21.53	0.142
CP-OFDM 16QAM	1880	376000	10	26	13	23.06	21.86	0.153
CP-OFDM 16QAM	1880	376000	10	52	0	23.67	22.47	0.177
CP-OFDM 64QAM	1880	376000	10	1	0	22.31	21.11	0.129
CP-OFDM 64QAM	1880	376000	10	1	51	22.64	21.44	0.139
CP-OFDM 64QAM	1880	376000	10	26	13	22.17	20.97	0.125
CP-OFDM 64QAM	1880	376000	10	52	0	23.57	22.37	0.173
CP-OFDM 256QAM	1880	376000	10	1	0	23.10	21.90	0.155
CP-OFDM 256QAM	1880	376000	10	1	51	23.43	22.23	0.167
CP-OFDM 256QAM	1880	376000	10	26	13	23.15	21.95	0.157

CP-OFDM 256QAM	1880	376000	10	52	0	22.68	21.48	0.141
DFT-s-OFDM PI/2 BPSK	1905	381000	10	1	0	23.34	22.14	0.164
DFT-s-OFDM PI/2 BPSK	1905	381000	10	1	51	23.67	22.47	0.177
DFT-s-OFDM PI/2 BPSK	1905	381000	10	25	12	22.32	21.12	0.129
DFT-s-OFDM PI/2 BPSK	1905	381000	10	50	0	22.65	21.45	0.140
DFT-s-OFDM QPSK	1905	381000	10	1	0	22.17	20.97	0.125
DFT-s-OFDM QPSK	1905	381000	10	1	51	23.58	22.38	0.173
DFT-s-OFDM QPSK	1905	381000	10	25	12	23.10	21.90	0.155
DFT-s-OFDM QPSK	1905	381000	10	50	0	23.43	22.23	0.167
DFT-s-OFDM 16QAM	1905	381000	10	1	0	22.08	20.88	0.122
DFT-s-OFDM 16QAM	1905	381000	10	1	51	22.41	21.21	0.132
DFT-s-OFDM 16QAM	1905	381000	10	25	12	23.61	22.41	0.174
DFT-s-OFDM 16QAM	1905	381000	10	50	0	22.26	21.06	0.128
DFT-s-OFDM 64QAM	1905	381000	10	1	0	22.59	21.39	0.138
DFT-s-OFDM 64QAM	1905	381000	10	1	51	22.92	21.72	0.149
DFT-s-OFDM 64QAM	1905	381000	10	25	12	22.44	21.24	0.133
DFT-s-OFDM 64QAM	1905	381000	10	50	0	22.17	20.97	0.125
DFT-s-OFDM 256QAM	1905	381000	10	1	0	22.50	21.30	0.135
DFT-s-OFDM 256QAM	1905	381000	10	1	51	22.02	20.82	0.121
DFT-s-OFDM 256QAM	1905	381000	10	25	12	22.35	21.15	0.130
DFT-s-OFDM 256QAM	1905	381000	10	50	0	22.68	21.48	0.141
CP-OFDM QPSK	1905	381000	10	1	0	23.01	21.81	0.152
CP-OFDM QPSK	1905	381000	10	1	51	22.53	21.33	0.136
CP-OFDM QPSK	1905	381000	10	26	13	22.86	21.66	0.147
CP-OFDM QPSK	1905	381000	10	52	0	23.19	21.99	0.158
CP-OFDM 16QAM	1905	381000	10	1	0	23.52	22.32	0.171
CP-OFDM 16QAM	1905	381000	10	1	51	22.44	21.24	0.133
CP-OFDM 16QAM	1905	381000	10	26	13	23.37	22.17	0.165
CP-OFDM 16QAM	1905	381000	10	52	0	22.29	21.09	0.129
CP-OFDM 64QAM	1905	381000	10	1	0	22.34	21.14	0.130
CP-OFDM 64QAM	1905	381000	10	1	51	22.95	21.75	0.150
CP-OFDM 64QAM	1905	381000	10	26	13	22.20	21.00	0.126
CP-OFDM 64QAM	1905	381000	10	52	0	22.53	21.33	0.136
CP-OFDM 256QAM	1905	381000	10	1	0	22.85	21.65	0.146
CP-OFDM 256QAM	1905	381000	10	1	51	23.46	22.26	0.168
CP-OFDM 256QAM	1905	381000	10	26	13	22.71	21.51	0.142
CP-OFDM 256QAM	1905	381000	10	52	0	23.04	21.84	0.153

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	1	0	22.19	20.99	0.126
DFT-s-OFDM PI/2 BPSK	1857.5	371500	15	1	78	22.79	21.59	0.144
DFT-s-OFDM PI/2 BPSK	1857.5	371500	15	36	18	23.12	21.92	0.156
DFT-s-OFDM PI/2 BPSK	1857.5	371500	15	75	0	22.04	20.84	0.121
DFT-s-OFDM QPSK	1857.5	371500	15	1	0	22.37	21.17	0.131
DFT-s-OFDM QPSK	1857.5	371500	15	1	78	22.97	21.77	0.150

DFT-s-OFDM QPSK	1857.5	371500	15	36	18	23.30	22.10	0.162
DFT-s-OFDM QPSK	1857.5	371500	15	75	0	22.22	21.02	0.126
DFT-s-OFDM 16QAM	1857.5	371500	15	1	0	22.55	21.35	0.136
DFT-s-OFDM 16QAM	1857.5	371500	15	1	78	22.28	21.08	0.128
DFT-s-OFDM 16QAM	1857.5	371500	15	36	18	23.48	22.28	0.169
DFT-s-OFDM 16QAM	1857.5	371500	15	75	0	23.21	22.01	0.159
DFT-s-OFDM 64QAM	1857.5	371500	15	1	0	22.73	21.53	0.142
DFT-s-OFDM 64QAM	1857.5	371500	15	1	78	22.46	21.26	0.134
DFT-s-OFDM 64QAM	1857.5	371500	15	36	18	22.79	21.59	0.144
DFT-s-OFDM 64QAM	1857.5	371500	15	75	0	23.39	22.19	0.166
DFT-s-OFDM 256QAM	1857.5	371500	15	1	0	22.04	20.84	0.121
DFT-s-OFDM 256QAM	1857.5	371500	15	1	78	23.24	22.04	0.160
DFT-s-OFDM 256QAM	1857.5	371500	15	36	18	22.97	21.77	0.150
DFT-s-OFDM 256QAM	1857.5	371500	15	75	0	23.29	22.09	0.162
CP-OFDM QPSK	1857.5	371500	15	1	0	22.22	21.02	0.126
CP-OFDM QPSK	1857.5	371500	15	1	78	22.55	21.35	0.136
CP-OFDM QPSK	1857.5	371500	15	39	19	23.15	21.95	0.157
CP-OFDM QPSK	1857.5	371500	15	79	0	23.48	22.28	0.169
CP-OFDM 16QAM	1857.5	371500	15	1	0	22.12	20.92	0.124
CP-OFDM 16QAM	1857.5	371500	15	1	78	22.73	21.53	0.142
CP-OFDM 16QAM	1857.5	371500	15	39	19	23.06	21.86	0.153
CP-OFDM 16QAM	1857.5	371500	15	79	0	23.66	22.46	0.176
CP-OFDM 64QAM	1857.5	371500	15	1	0	22.31	21.11	0.129
CP-OFDM 64QAM	1857.5	371500	15	1	78	22.91	21.71	0.148
CP-OFDM 64QAM	1857.5	371500	15	39	19	23.24	22.04	0.160
CP-OFDM 64QAM	1857.5	371500	15	79	0	23.56	22.36	0.172
CP-OFDM 256QAM	1857.5	371500	15	1	0	22.49	21.29	0.135
CP-OFDM 256QAM	1857.5	371500	15	1	78	23.09	21.89	0.155
CP-OFDM 256QAM	1857.5	371500	15	39	19	23.42	22.22	0.167
CP-OFDM 256QAM	1857.5	371500	15	79	0	22.07	20.87	0.122
DFT-s-OFDM PI/2 BPSK	1880	376000	15	1	0	23.33	22.13	0.163
DFT-s-OFDM PI/2 BPSK	1880	376000	15	1	78	23.66	22.46	0.176
DFT-s-OFDM PI/2 BPSK	1880	376000	15	36	18	23.19	21.99	0.158
DFT-s-OFDM PI/2 BPSK	1880	376000	15	75	0	22.91	21.71	0.148
DFT-s-OFDM QPSK	1880	376000	15	1	0	22.44	21.24	0.133
DFT-s-OFDM QPSK	1880	376000	15	1	78	22.76	21.56	0.143
DFT-s-OFDM QPSK	1880	376000	15	36	18	23.09	21.89	0.155
DFT-s-OFDM QPSK	1880	376000	15	75	0	23.42	22.22	0.167
DFT-s-OFDM 16QAM	1880	376000	15	1	0	22.34	21.14	0.130
DFT-s-OFDM 16QAM	1880	376000	15	1	78	22.67	21.47	0.140
DFT-s-OFDM 16QAM	1880	376000	15	36	18	23.00	21.80	0.151
DFT-s-OFDM 16QAM	1880	376000	15	75	0	23.60	22.40	0.174
DFT-s-OFDM 64QAM	1880	376000	15	1	0	22.25	21.05	0.127
DFT-s-OFDM 64QAM	1880	376000	15	1	78	23.45	22.25	0.168
DFT-s-OFDM 64QAM	1880	376000	15	36	18	22.10	20.90	0.123
DFT-s-OFDM 64QAM	1880	376000	15	75	0	23.51	22.31	0.170

DFT-s-OFDM 256QAM	1880	376000	15	1	0	23.03	21.83	0.152
DFT-s-OFDM 256QAM	1880	376000	15	1	78	23.36	22.16	0.164
DFT-s-OFDM 256QAM	1880	376000	15	36	18	22.01	20.81	0.121
DFT-s-OFDM 256QAM	1880	376000	15	75	0	22.61	21.41	0.138
CP-OFDM QPSK	1880	376000	15	1	0	22.94	21.74	0.149
CP-OFDM QPSK	1880	376000	15	1	78	23.27	22.07	0.161
CP-OFDM QPSK	1880	376000	15	39	19	22.19	20.99	0.126
CP-OFDM QPSK	1880	376000	15	79	0	22.52	21.32	0.136
CP-OFDM 16QAM	1880	376000	15	1	0	22.85	21.65	0.146
CP-OFDM 16QAM	1880	376000	15	1	78	22.37	21.17	0.131
CP-OFDM 16QAM	1880	376000	15	39	19	22.10	20.90	0.123
CP-OFDM 16QAM	1880	376000	15	79	0	23.30	22.10	0.162
CP-OFDM 64QAM	1880	376000	15	1	0	23.63	22.43	0.175
CP-OFDM 64QAM	1880	376000	15	1	78	22.28	21.08	0.128
CP-OFDM 64QAM	1880	376000	15	39	19	22.88	21.68	0.147
CP-OFDM 64QAM	1880	376000	15	79	0	23.21	22.01	0.159
CP-OFDM 256QAM	1880	376000	15	1	0	23.54	22.34	0.171
CP-OFDM 256QAM	1880	376000	15	1	78	22.18	20.98	0.125
CP-OFDM 256QAM	1880	376000	15	39	19	23.39	22.19	0.166
CP-OFDM 256QAM	1880	376000	15	79	0	23.12	21.92	0.156
DFT-s-OFDM PI/2 BPSK	1902.5	380500	15	1	0	23.33	22.13	0.163
DFT-s-OFDM PI/2 BPSK	1902.5	380500	15	1	78	23.66	22.46	0.176
DFT-s-OFDM PI/2 BPSK	1902.5	380500	15	36	18	22.58	21.38	0.137
DFT-s-OFDM PI/2 BPSK	1902.5	380500	15	75	0	22.91	21.71	0.148
DFT-s-OFDM QPSK	1902.5	380500	15	1	0	23.24	22.04	0.160
DFT-s-OFDM QPSK	1902.5	380500	15	1	78	23.57	22.37	0.173
DFT-s-OFDM QPSK	1902.5	380500	15	36	18	23.09	21.89	0.155
DFT-s-OFDM QPSK	1902.5	380500	15	75	0	23.42	22.22	0.167
DFT-s-OFDM 16QAM	1902.5	380500	15	1	0	22.07	20.87	0.122
DFT-s-OFDM 16QAM	1902.5	380500	15	1	78	22.40	21.20	0.132
DFT-s-OFDM 16QAM	1902.5	380500	15	36	18	23.60	22.40	0.174
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	22.58	21.38	0.137
DFT-s-OFDM 64QAM	1902.5	380500	15	1	78	23.51	22.31	0.170
DFT-s-OFDM 64QAM	1902.5	380500	15	36	18	22.16	20.96	0.125
DFT-s-OFDM 64QAM	1902.5	380500	15	75	0	22.76	21.56	0.143
DFT-s-OFDM 256QAM	1902.5	380500	15	1	0	23.09	21.89	0.155
DFT-s-OFDM 256QAM	1902.5	380500	15	1	78	23.42	22.22	0.167
DFT-s-OFDM 256QAM	1902.5	380500	15	36	18	22.94	21.74	0.149
DFT-s-OFDM 256QAM	1902.5	380500	15	75	0	22.19	20.99	0.126
CP-OFDM QPSK	1902.5	380500	15	1	0	22.52	21.32	0.136
CP-OFDM QPSK	1902.5	380500	15	1	78	22.85	21.65	0.146
CP-OFDM QPSK	1902.5	380500	15	39	19	23.18	21.98	0.158
CP-OFDM QPSK	1902.5	380500	15	79	0	22.70	21.50	0.141
CP-OFDM 16QAM	1902.5	380500	15	1	0	23.03	21.83	0.152
CP-OFDM 16QAM	1902.5	380500	15	1	78	22.28	21.08	0.128

CP-OFDM 16QAM	1902.5	380500	15	39	19	22.61	21.41	0.138
CP-OFDM 16QAM	1902.5	380500	15	79	0	22.94	21.74	0.149
CP-OFDM 64QAM	1902.5	380500	15	1	0	23.26	22.06	0.161
CP-OFDM 64QAM	1902.5	380500	15	1	78	22.79	21.59	0.144
CP-OFDM 64QAM	1902.5	380500	15	39	19	23.12	21.92	0.156
CP-OFDM 64QAM	1902.5	380500	15	79	0	23.45	22.25	0.168
CP-OFDM 256QAM	1902.5	380500	15	1	0	22.09	20.89	0.123
CP-OFDM 256QAM	1902.5	380500	15	1	78	23.30	22.10	0.162
CP-OFDM 256QAM	1902.5	380500	15	39	19	23.63	22.43	0.175
CP-OFDM 256QAM	1902.5	380500	15	79	0	22.27	21.07	0.128

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	1	0	22.79	21.59	0.144
DFT-s-OFDM PI/2 BPSK	1860	372000	20	1	105	23.11	21.91	0.155
DFT-s-OFDM PI/2 BPSK	1860	372000	20	50	25	23.44	22.24	0.167
DFT-s-OFDM PI/2 BPSK	1860	372000	20	100	0	22.36	21.16	0.131
DFT-s-OFDM QPSK	1860	372000	20	1	0	22.69	21.49	0.141
DFT-s-OFDM QPSK	1860	372000	20	1	105	23.30	22.10	0.162
DFT-s-OFDM QPSK	1860	372000	20	50	25	23.62	22.42	0.175
DFT-s-OFDM QPSK	1860	372000	20	100	0	22.27	21.07	0.128
DFT-s-OFDM 16QAM	1860	372000	20	1	0	22.87	21.67	0.147
DFT-s-OFDM 16QAM	1860	372000	20	1	105	23.20	22.00	0.158
DFT-s-OFDM 16QAM	1860	372000	20	50	25	22.12	20.92	0.124
DFT-s-OFDM 16QAM	1860	372000	20	100	0	22.45	21.25	0.133
DFT-s-OFDM 64QAM	1860	372000	20	1	0	22.18	20.98	0.125
DFT-s-OFDM 64QAM	1860	372000	20	1	105	23.38	22.18	0.165
DFT-s-OFDM 64QAM	1860	372000	20	50	25	23.11	21.91	0.155
DFT-s-OFDM 64QAM	1860	372000	20	100	0	22.63	21.43	0.139
DFT-s-OFDM 256QAM	1860	372000	20	1	0	22.96	21.76	0.150
DFT-s-OFDM 256QAM	1860	372000	20	1	105	22.69	21.49	0.141
DFT-s-OFDM 256QAM	1860	372000	20	50	25	22.21	21.01	0.126
DFT-s-OFDM 256QAM	1860	372000	20	100	0	23.62	22.42	0.175
CP-OFDM QPSK	1860	372000	20	1	0	23.14	21.94	0.156
CP-OFDM QPSK	1860	372000	20	1	105	22.87	21.67	0.147
CP-OFDM QPSK	1860	372000	20	53	26	23.20	22.00	0.158
CP-OFDM QPSK	1860	372000	20	106	0	22.72	21.52	0.142
CP-OFDM 16QAM	1860	372000	20	1	0	22.45	21.25	0.133
CP-OFDM 16QAM	1860	372000	20	1	105	23.65	22.45	0.176
CP-OFDM 16QAM	1860	372000	20	53	26	23.38	22.18	0.165
CP-OFDM 16QAM	1860	372000	20	106	0	22.03	20.83	0.121
CP-OFDM 64QAM	1860	372000	20	1	0	22.63	21.43	0.139
CP-OFDM 64QAM	1860	372000	20	1	105	22.96	21.76	0.150
CP-OFDM 64QAM	1860	372000	20	53	26	22.48	21.28	0.134
CP-OFDM 64QAM	1860	372000	20	106	0	22.21	21.01	0.126
CP-OFDM 256QAM	1860	372000	20	1	0	22.53	21.33	0.136

CP-OFDM 256QAM	1860	372000	20	1	105	23.14	21.94	0.156
CP-OFDM 256QAM	1860	372000	20	53	26	23.47	22.27	0.169
CP-OFDM 256QAM	1860	372000	20	106	0	22.99	21.79	0.151
DFT-s-OFDM PI/2 BPSK	1880	376000	20	1	0	23.30	22.10	0.162
DFT-s-OFDM PI/2 BPSK	1880	376000	20	1	105	22.22	21.02	0.126
DFT-s-OFDM PI/2 BPSK	1880	376000	20	50	25	22.55	21.35	0.136
DFT-s-OFDM PI/2 BPSK	1880	376000	20	100	0	22.88	21.68	0.147
DFT-s-OFDM QPSK	1880	376000	20	1	0	23.20	22.00	0.158
DFT-s-OFDM QPSK	1880	376000	20	1	105	22.73	21.53	0.142
DFT-s-OFDM QPSK	1880	376000	20	50	25	22.45	21.25	0.133
DFT-s-OFDM QPSK	1880	376000	20	100	0	23.66	22.46	0.176
DFT-s-OFDM 16QAM	1880	376000	20	1	0	22.31	21.11	0.129
DFT-s-OFDM 16QAM	1880	376000	20	1	105	22.64	21.44	0.139
DFT-s-OFDM 16QAM	1880	376000	20	50	25	22.96	21.76	0.150
DFT-s-OFDM 16QAM	1880	376000	20	100	0	23.57	22.37	0.173
DFT-s-OFDM 64QAM	1880	376000	20	1	0	22.21	21.01	0.126
DFT-s-OFDM 64QAM	1880	376000	20	1	105	22.54	21.34	0.136
DFT-s-OFDM 64QAM	1880	376000	20	50	25	22.07	20.87	0.122
DFT-s-OFDM 64QAM	1880	376000	20	100	0	23.47	22.27	0.169
DFT-s-OFDM 256QAM	1880	376000	20	1	0	23.00	21.80	0.151
DFT-s-OFDM 256QAM	1880	376000	20	1	105	23.33	22.13	0.163
DFT-s-OFDM 256QAM	1880	376000	20	50	25	23.65	22.45	0.176
DFT-s-OFDM 256QAM	1880	376000	20	100	0	22.30	21.10	0.129
CP-OFDM QPSK	1880	376000	20	1	0	22.90	21.70	0.148
CP-OFDM QPSK	1880	376000	20	1	105	23.23	22.03	0.160
CP-OFDM QPSK	1880	376000	20	53	26	23.56	22.36	0.172
CP-OFDM QPSK	1880	376000	20	106	0	23.09	21.89	0.155
CP-OFDM 16QAM	1880	376000	20	1	0	22.81	21.61	0.145
CP-OFDM 16QAM	1880	376000	20	1	105	22.34	21.14	0.130
CP-OFDM 16QAM	1880	376000	20	53	26	22.66	21.46	0.140
CP-OFDM 16QAM	1880	376000	20	106	0	22.99	21.79	0.151
CP-OFDM 64QAM	1880	376000	20	1	0	23.60	22.40	0.174
CP-OFDM 64QAM	1880	376000	20	1	105	22.24	21.04	0.127
CP-OFDM 64QAM	1880	376000	20	53	26	22.57	21.37	0.137
CP-OFDM 64QAM	1880	376000	20	106	0	22.90	21.70	0.148
CP-OFDM 256QAM	1880	376000	20	1	0	22.43	21.23	0.133
CP-OFDM 256QAM	1880	376000	20	1	105	22.15	20.95	0.124
CP-OFDM 256QAM	1880	376000	20	53	26	23.36	22.16	0.164
CP-OFDM 256QAM	1880	376000	20	106	0	23.68	22.48	0.177
DFT-s-OFDM PI/2 BPSK	1900	380000	20	1	0	22.30	21.10	0.129
DFT-s-OFDM PI/2 BPSK	1900	380000	20	1	105	23.50	22.30	0.170
DFT-s-OFDM PI/2 BPSK	1900	380000	20	50	25	22.15	20.95	0.124
DFT-s-OFDM PI/2 BPSK	1900	380000	20	100	0	22.48	21.28	0.134
DFT-s-OFDM QPSK	1900	380000	20	1	0	23.08	21.88	0.154
DFT-s-OFDM QPSK	1900	380000	20	1	105	22.33	21.13	0.130
DFT-s-OFDM QPSK	1900	380000	20	50	25	22.06	20.86	0.122

DFT-s-OFDM QPSK	1900	380000	20	100	0	23.26	22.06	0.161
DFT-s-OFDM 16QAM	1900	380000	20	1	0	23.59	22.39	0.173
DFT-s-OFDM 16QAM	1900	380000	20	1	105	22.24	21.04	0.127
DFT-s-OFDM 16QAM	1900	380000	20	50	25	22.57	21.37	0.137
DFT-s-OFDM 16QAM	1900	380000	20	100	0	22.09	20.89	0.123
DFT-s-OFDM 64QAM	1900	380000	20	1	0	22.42	21.22	0.132
DFT-s-OFDM 64QAM	1900	380000	20	1	105	22.75	21.55	0.143
DFT-s-OFDM 64QAM	1900	380000	20	50	25	23.08	21.88	0.154
DFT-s-OFDM 64QAM	1900	380000	20	100	0	22.60	21.40	0.138
DFT-s-OFDM 256QAM	1900	380000	20	1	0	22.93	21.73	0.149
DFT-s-OFDM 256QAM	1900	380000	20	1	105	23.26	22.06	0.161
DFT-s-OFDM 256QAM	1900	380000	20	50	25	23.59	22.39	0.173
DFT-s-OFDM 256QAM	1900	380000	20	100	0	23.11	21.91	0.155
CP-OFDM QPSK	1900	380000	20	1	0	23.44	22.24	0.167
CP-OFDM QPSK	1900	380000	20	1	105	22.09	20.89	0.123
CP-OFDM QPSK	1900	380000	20	53	26	22.42	21.22	0.132
CP-OFDM QPSK	1900	380000	20	106	0	23.62	22.42	0.175
CP-OFDM 16QAM	1900	380000	20	1	0	22.27	21.07	0.128
CP-OFDM 16QAM	1900	380000	20	1	105	22.60	21.40	0.138
CP-OFDM 16QAM	1900	380000	20	53	26	22.93	21.73	0.149
CP-OFDM 16QAM	1900	380000	20	106	0	22.45	21.25	0.133
CP-OFDM 64QAM	1900	380000	20	1	0	22.78	21.58	0.144
CP-OFDM 64QAM	1900	380000	20	1	105	23.11	21.91	0.155
CP-OFDM 64QAM	1900	380000	20	53	26	22.36	21.16	0.131
CP-OFDM 64QAM	1900	380000	20	106	0	22.69	21.49	0.141
CP-OFDM 256QAM	1900	380000	20	1	0	23.01	21.81	0.152
CP-OFDM 256QAM	1900	380000	20	1	105	22.54	21.34	0.136
CP-OFDM 256QAM	1900	380000	20	53	26	22.87	21.67	0.147
CP-OFDM 256QAM	1900	380000	20	106	0	23.19	21.99	0.158