

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 4

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1710.7	19957	1.4	1	0	22.05
16QAM	1710.7	19957	1.4	1	3	22.67
16QAM	1710.7	19957	1.4	1	5	22.24
16QAM	1710.7	19957	1.4	3	0	22.49
16QAM	1710.7	19957	1.4	3	1	22.69
16QAM	1710.7	19957	1.4	3	3	22.53
16QAM	1710.7	19957	1.4	6	0	21.21
16QAM	1732.5	20175	1.4	1	0	22.04
16QAM	1732.5	20175	1.4	1	3	21.74
16QAM	1732.5	20175	1.4	1	5	21.91
16QAM	1732.5	20175	1.4	3	0	22.36
16QAM	1732.5	20175	1.4	3	1	22.48
16QAM	1732.5	20175	1.4	3	3	22.42
16QAM	1732.5	20175	1.4	6	0	21.16
16QAM	1754.3	20393	1.4	1	0	22.30
16QAM	1754.3	20393	1.4	1	3	22.16
16QAM	1754.3	20393	1.4	1	5	22.13
16QAM	1754.3	20393	1.4	3	0	22.29
16QAM	1754.3	20393	1.4	3	1	22.50
16QAM	1754.3	20393	1.4	3	3	22.34
16QAM	1754.3	20393	1.4	6	0	21.23
64QAM	1710.7	19957	1.4	1	0	21.48
64QAM	1710.7	19957	1.4	1	3	21.35
64QAM	1710.7	19957	1.4	1	5	21.39
64QAM	1710.7	19957	1.4	3	0	21.12
64QAM	1710.7	19957	1.4	3	1	21.14
64QAM	1710.7	19957	1.4	3	3	21.26
64QAM	1710.7	19957	1.4	6	0	19.80
64QAM	1732.5	20175	1.4	1	0	21.26
64QAM	1732.5	20175	1.4	1	3	21.57
64QAM	1732.5	20175	1.4	1	5	21.58
64QAM	1732.5	20175	1.4	3	0	21.15
64QAM	1732.5	20175	1.4	3	1	21.23
64QAM	1732.5	20175	1.4	3	3	21.10
64QAM	1732.5	20175	1.4	6	0	19.77
64QAM	1754.3	20393	1.4	1	0	20.75
64QAM	1754.3	20393	1.4	1	3	20.76
64QAM	1754.3	20393	1.4	1	5	21.13
64QAM	1754.3	20393	1.4	3	0	20.65
64QAM	1754.3	20393	1.4	3	1	20.70
64QAM	1754.3	20393	1.4	3	3	20.64
64QAM	1754.3	20393	1.4	6	0	19.48

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1710.7	19957	1.4	1	0	23.45
QPSK	1710.7	19957	1.4	1	3	23.32
QPSK	1710.7	19957	1.4	1	5	23.17
QPSK	1710.7	19957	1.4	3	0	23.47
QPSK	1710.7	19957	1.4	3	1	23.35
QPSK	1710.7	19957	1.4	3	3	23.41
QPSK	1710.7	19957	1.4	6	0	22.45
QPSK	1732.5	20175	1.4	1	0	23.45
QPSK	1732.5	20175	1.4	1	3	23.55
QPSK	1732.5	20175	1.4	1	5	23.47
QPSK	1732.5	20175	1.4	3	0	23.29
QPSK	1732.5	20175	1.4	3	1	23.38
QPSK	1732.5	20175	1.4	3	3	23.23
QPSK	1732.5	20175	1.4	6	0	22.20
QPSK	1754.3	20393	1.4	1	0	23.29
QPSK	1754.3	20393	1.4	1	3	23.22
QPSK	1754.3	20393	1.4	1	5	23.30
QPSK	1754.3	20393	1.4	3	0	23.15
QPSK	1754.3	20393	1.4	3	1	23.22
QPSK	1754.3	20393	1.4	3	3	23.09
QPSK	1754.3	20393	1.4	6	0	22.17

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1711.5	19965	3	1	0	22.55
16QAM	1711.5	19965	3	1	8	23.21
16QAM	1711.5	19965	3	1	14	22.69
16QAM	1711.5	19965	3	8	0	21.50
16QAM	1711.5	19965	3	8	4	21.52
16QAM	1711.5	19965	3	8	7	21.46
16QAM	1711.5	19965	3	15	0	21.43
16QAM	1732.5	20175	3	1	0	22.71
16QAM	1732.5	20175	3	1	8	22.21
16QAM	1732.5	20175	3	1	14	22.79
16QAM	1732.5	20175	3	8	0	21.53
16QAM	1732.5	20175	3	8	4	21.35
16QAM	1732.5	20175	3	8	7	21.49
16QAM	1732.5	20175	3	15	0	21.44
16QAM	1753.5	20385	3	1	0	22.59
16QAM	1753.5	20385	3	1	8	22.17
16QAM	1753.5	20385	3	1	14	21.86
16QAM	1753.5	20385	3	8	0	21.24
16QAM	1753.5	20385	3	8	4	21.18
16QAM	1753.5	20385	3	8	7	21.41
16QAM	1753.5	20385	3	15	0	21.37
64QAM	1711.5	19965	3	1	0	21.40
64QAM	1711.5	19965	3	1	8	21.67
64QAM	1711.5	19965	3	1	14	21.62
64QAM	1711.5	19965	3	8	0	19.81
64QAM	1711.5	19965	3	8	4	19.80
64QAM	1711.5	19965	3	8	7	19.76
64QAM	1711.5	19965	3	15	0	19.74
64QAM	1732.5	20175	3	1	0	21.69
64QAM	1732.5	20175	3	1	8	21.36
64QAM	1732.5	20175	3	1	14	20.83
64QAM	1732.5	20175	3	8	0	19.88
64QAM	1732.5	20175	3	8	4	19.87
64QAM	1732.5	20175	3	8	7	19.92
64QAM	1732.5	20175	3	15	0	19.96
64QAM	1753.5	20385	3	1	0	20.95
64QAM	1753.5	20385	3	1	8	20.81
64QAM	1753.5	20385	3	1	14	21.02
64QAM	1753.5	20385	3	8	0	19.88
64QAM	1753.5	20385	3	8	4	19.92
64QAM	1753.5	20385	3	8	7	20.01
64QAM	1753.5	20385	3	15	0	19.94

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1711.5	19965	3	1	0	23.32
QPSK	1711.5	19965	3	1	8	23.40
QPSK	1711.5	19965	3	1	14	23.38
QPSK	1711.5	19965	3	8	0	22.35
QPSK	1711.5	19965	3	8	4	22.31
QPSK	1711.5	19965	3	8	7	22.25
QPSK	1711.5	19965	3	15	0	22.38
QPSK	1732.5	20175	3	1	0	23.24
QPSK	1732.5	20175	3	1	8	23.22
QPSK	1732.5	20175	3	1	14	23.16
QPSK	1732.5	20175	3	8	0	22.23
QPSK	1732.5	20175	3	8	4	22.27
QPSK	1732.5	20175	3	8	7	22.27
QPSK	1732.5	20175	3	15	0	22.20
QPSK	1753.5	20385	3	1	0	23.23
QPSK	1753.5	20385	3	1	8	23.23
QPSK	1753.5	20385	3	1	14	23.18
QPSK	1753.5	20385	3	8	0	22.20
QPSK	1753.5	20385	3	8	4	22.21
QPSK	1753.5	20385	3	8	7	22.12
QPSK	1753.5	20385	3	15	0	22.19

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1712.5	19975	5	1	0	22.64
16QAM	1712.5	19975	5	1	12	23.00
16QAM	1712.5	19975	5	1	24	22.75
16QAM	1712.5	19975	5	12	0	21.36
16QAM	1712.5	19975	5	12	7	21.34
16QAM	1712.5	19975	5	12	13	21.53
16QAM	1712.5	19975	5	25	0	21.48
16QAM	1732.5	20175	5	1	0	22.61
16QAM	1732.5	20175	5	1	12	22.47
16QAM	1732.5	20175	5	1	24	22.16
16QAM	1732.5	20175	5	12	0	21.36
16QAM	1732.5	20175	5	12	7	21.36
16QAM	1732.5	20175	5	12	13	21.29
16QAM	1732.5	20175	5	25	0	21.47
16QAM	1752.5	20375	5	1	0	22.43
16QAM	1752.5	20375	5	1	12	22.40
16QAM	1752.5	20375	5	1	24	21.70
16QAM	1752.5	20375	5	12	0	21.30
16QAM	1752.5	20375	5	12	7	21.39
16QAM	1752.5	20375	5	12	13	21.25
16QAM	1752.5	20375	5	25	0	21.49
64QAM	1712.5	19975	5	1	0	21.38
64QAM	1712.5	19975	5	1	12	21.37
64QAM	1712.5	19975	5	1	24	21.25
64QAM	1712.5	19975	5	12	0	19.65
64QAM	1712.5	19975	5	12	7	19.85
64QAM	1712.5	19975	5	12	13	19.87
64QAM	1712.5	19975	5	25	0	19.99
64QAM	1732.5	20175	5	1	0	21.44
64QAM	1732.5	20175	5	1	12	21.51
64QAM	1732.5	20175	5	1	24	21.25
64QAM	1732.5	20175	5	12	0	19.88
64QAM	1732.5	20175	5	12	7	19.83
64QAM	1732.5	20175	5	12	13	19.82
64QAM	1732.5	20175	5	25	0	20.07
64QAM	1752.5	20375	5	1	0	21.38
64QAM	1752.5	20375	5	1	12	21.42
64QAM	1752.5	20375	5	1	24	21.62
64QAM	1752.5	20375	5	12	0	19.61
64QAM	1752.5	20375	5	12	7	19.74
64QAM	1752.5	20375	5	12	13	19.59
64QAM	1752.5	20375	5	25	0	19.85

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1712.5	19975	5	1	0	23.58
QPSK	1712.5	19975	5	1	12	23.64
QPSK	1712.5	19975	5	1	24	23.53
QPSK	1712.5	19975	5	12	0	22.23
QPSK	1712.5	19975	5	12	7	22.41
QPSK	1712.5	19975	5	12	13	22.37
QPSK	1712.5	19975	5	25	0	22.24
QPSK	1732.5	20175	5	1	0	23.49
QPSK	1732.5	20175	5	1	12	23.43
QPSK	1732.5	20175	5	1	24	23.41
QPSK	1732.5	20175	5	12	0	22.09
QPSK	1732.5	20175	5	12	7	22.27
QPSK	1732.5	20175	5	12	13	22.24
QPSK	1732.5	20175	5	25	0	22.12
QPSK	1752.5	20375	5	1	0	23.43
QPSK	1752.5	20375	5	1	12	23.28
QPSK	1752.5	20375	5	1	24	23.38
QPSK	1752.5	20375	5	12	0	22.30
QPSK	1752.5	20375	5	12	7	22.19
QPSK	1752.5	20375	5	12	13	22.09
QPSK	1752.5	20375	5	25	0	22.16

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1715	20000	10	1	0	22.65
16QAM	1715	20000	10	1	25	22.51
16QAM	1715	20000	10	1	49	22.13
16QAM	1715	20000	10	25	0	21.55
16QAM	1715	20000	10	25	12	21.50
16QAM	1715	20000	10	25	25	21.65
16QAM	1715	20000	10	50	0	21.33
16QAM	1732.5	20175	10	1	0	21.88
16QAM	1732.5	20175	10	1	25	22.03
16QAM	1732.5	20175	10	1	49	22.13
16QAM	1732.5	20175	10	25	0	21.61
16QAM	1732.5	20175	10	25	12	21.38
16QAM	1732.5	20175	10	25	25	21.44
16QAM	1732.5	20175	10	50	0	21.37
16QAM	1750	20350	10	1	0	22.67
16QAM	1750	20350	10	1	25	22.59
16QAM	1750	20350	10	1	49	22.93
16QAM	1750	20350	10	25	0	21.25
16QAM	1750	20350	10	25	12	21.21
16QAM	1750	20350	10	25	25	21.39
16QAM	1750	20350	10	50	0	21.24
64QAM	1715	20000	10	1	0	21.43
64QAM	1715	20000	10	1	25	21.47
64QAM	1715	20000	10	1	49	21.45
64QAM	1715	20000	10	25	0	19.97
64QAM	1715	20000	10	25	12	19.91
64QAM	1715	20000	10	25	25	19.78
64QAM	1715	20000	10	50	0	19.85
64QAM	1732.5	20175	10	1	0	21.27
64QAM	1732.5	20175	10	1	25	21.50
64QAM	1732.5	20175	10	1	49	21.56
64QAM	1732.5	20175	10	25	0	19.66
64QAM	1732.5	20175	10	25	12	19.87
64QAM	1732.5	20175	10	25	25	19.93
64QAM	1732.5	20175	10	50	0	19.52
64QAM	1750	20350	10	1	0	21.29
64QAM	1750	20350	10	1	25	21.09
64QAM	1750	20350	10	1	49	21.20
64QAM	1750	20350	10	25	0	19.76
64QAM	1750	20350	10	25	12	19.72
64QAM	1750	20350	10	25	25	19.77
64QAM	1750	20350	10	50	0	19.76

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1715	20000	10	1	0	23.67
QPSK	1715	20000	10	1	25	23.52
QPSK	1715	20000	10	1	49	23.59
QPSK	1715	20000	10	25	0	22.25
QPSK	1715	20000	10	25	12	22.28
QPSK	1715	20000	10	25	25	22.27
QPSK	1715	20000	10	50	0	22.28
QPSK	1732.5	20175	10	1	0	23.44
QPSK	1732.5	20175	10	1	25	23.37
QPSK	1732.5	20175	10	1	49	23.52
QPSK	1732.5	20175	10	25	0	22.09
QPSK	1732.5	20175	10	25	12	22.27
QPSK	1732.5	20175	10	25	25	22.33
QPSK	1732.5	20175	10	50	0	22.10
QPSK	1750	20350	10	1	0	23.07
QPSK	1750	20350	10	1	25	23.17
QPSK	1750	20350	10	1	49	23.21
QPSK	1750	20350	10	25	0	22.10
QPSK	1750	20350	10	25	12	22.11
QPSK	1750	20350	10	25	25	22.14
QPSK	1750	20350	10	50	0	22.14

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1717.5	20025	15	1	0	23.10
16QAM	1717.5	20025	15	1	37	22.61
16QAM	1717.5	20025	15	1	74	23.08
16QAM	1717.5	20025	15	36	0	21.24
16QAM	1717.5	20025	15	36	29	21.29
16QAM	1717.5	20025	15	36	30	21.28
16QAM	1717.5	20025	15	75	0	21.35
16QAM	1732.5	20175	15	1	0	22.31
16QAM	1732.5	20175	15	1	37	22.37
16QAM	1732.5	20175	15	1	74	22.81
16QAM	1732.5	20175	15	36	0	21.23
16QAM	1732.5	20175	15	36	29	21.33
16QAM	1732.5	20175	15	36	30	21.33
16QAM	1732.5	20175	15	75	0	21.32
16QAM	1747.5	20325	15	1	0	22.66
16QAM	1747.5	20325	15	1	37	23.27
16QAM	1747.5	20325	15	1	74	22.54
16QAM	1747.5	20325	15	36	0	21.19
16QAM	1747.5	20325	15	36	29	21.20
16QAM	1747.5	20325	15	36	30	21.26
16QAM	1747.5	20325	15	75	0	21.26
64QAM	1717.5	20025	15	1	0	21.40
64QAM	1717.5	20025	15	1	37	21.45
64QAM	1717.5	20025	15	1	74	21.49
64QAM	1717.5	20025	15	36	0	19.92
64QAM	1717.5	20025	15	36	29	19.91
64QAM	1717.5	20025	15	36	30	19.95
64QAM	1717.5	20025	15	75	0	19.82
64QAM	1732.5	20175	15	1	0	21.26
64QAM	1732.5	20175	15	1	37	21.48
64QAM	1732.5	20175	15	1	74	21.90
64QAM	1732.5	20175	15	36	0	19.94
64QAM	1732.5	20175	15	36	29	19.58
64QAM	1732.5	20175	15	36	30	19.74
64QAM	1732.5	20175	15	75	0	19.84
64QAM	1747.5	20325	15	1	0	21.01
64QAM	1747.5	20325	15	1	37	21.11
64QAM	1747.5	20325	15	1	74	21.39
64QAM	1747.5	20325	15	36	0	19.78
64QAM	1747.5	20325	15	36	29	19.79
64QAM	1747.5	20325	15	36	30	19.84
64QAM	1747.5	20325	15	75	0	19.75

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1717.5	20025	15	1	0	23.15
QPSK	1717.5	20025	15	1	37	23.35
QPSK	1717.5	20025	15	1	74	23.42
QPSK	1717.5	20025	15	36	0	22.35
QPSK	1717.5	20025	15	36	29	22.35
QPSK	1717.5	20025	15	36	30	22.33
QPSK	1717.5	20025	15	75	0	22.30
QPSK	1732.5	20175	15	1	0	23.32
QPSK	1732.5	20175	15	1	37	23.37
QPSK	1732.5	20175	15	1	74	23.30
QPSK	1732.5	20175	15	36	0	22.13
QPSK	1732.5	20175	15	36	29	22.30
QPSK	1732.5	20175	15	36	30	22.24
QPSK	1732.5	20175	15	75	0	22.19
QPSK	1747.5	20325	15	1	0	23.05
QPSK	1747.5	20325	15	1	37	23.20
QPSK	1747.5	20325	15	1	74	23.21
QPSK	1747.5	20325	15	36	0	22.15
QPSK	1747.5	20325	15	36	29	22.27
QPSK	1747.5	20325	15	36	30	22.17
QPSK	1747.5	20325	15	75	0	22.19

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1720	20050	20	1	0	22.89
16QAM	1720	20050	20	1	49	23.20
16QAM	1720	20050	20	1	99	22.66
16QAM	1720	20050	20	50	0	21.30
16QAM	1720	20050	20	50	24	21.29
16QAM	1720	20050	20	50	50	21.33
16QAM	1720	20050	20	100	0	21.41
16QAM	1732.5	20175	20	1	0	22.37
16QAM	1732.5	20175	20	1	49	22.96
16QAM	1732.5	20175	20	1	99	23.06
16QAM	1732.5	20175	20	50	0	21.36
16QAM	1732.5	20175	20	50	24	21.46
16QAM	1732.5	20175	20	50	50	21.33
16QAM	1732.5	20175	20	100	0	21.30
16QAM	1745	20300	20	1	0	22.99
16QAM	1745	20300	20	1	49	22.99
16QAM	1745	20300	20	1	99	22.51
16QAM	1745	20300	20	50	0	21.17
16QAM	1745	20300	20	50	24	21.27
16QAM	1745	20300	20	50	50	21.12
16QAM	1745	20300	20	100	0	21.36
64QAM	1720	20050	20	1	0	21.42
64QAM	1720	20050	20	1	49	21.27
64QAM	1720	20050	20	1	99	21.51
64QAM	1720	20050	20	50	0	19.93
64QAM	1720	20050	20	50	24	20.00
64QAM	1720	20050	20	50	50	20.18
64QAM	1720	20050	20	100	0	19.75
64QAM	1732.5	20175	20	1	0	21.35
64QAM	1732.5	20175	20	1	49	21.47
64QAM	1732.5	20175	20	1	99	21.29
64QAM	1732.5	20175	20	50	0	20.01
64QAM	1732.5	20175	20	50	24	19.85
64QAM	1732.5	20175	20	50	50	19.88
64QAM	1732.5	20175	20	100	0	19.93
64QAM	1745	20300	20	1	0	21.28
64QAM	1745	20300	20	1	49	21.46
64QAM	1745	20300	20	1	99	21.75
64QAM	1745	20300	20	50	0	19.84
64QAM	1745	20300	20	50	24	20.07
64QAM	1745	20300	20	50	50	20.01
64QAM	1745	20300	20	100	0	19.65

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1720	20050	20	1	0	23.13
QPSK	1720	20050	20	1	49	23.23
QPSK	1720	20050	20	1	99	23.35
QPSK	1720	20050	20	50	0	22.20
QPSK	1720	20050	20	50	24	22.37
QPSK	1720	20050	20	50	50	22.25
QPSK	1720	20050	20	100	0	22.26
QPSK	1732.5	20175	20	1	0	23.25
QPSK	1732.5	20175	20	1	49	23.33
QPSK	1732.5	20175	20	1	99	23.25
QPSK	1732.5	20175	20	50	0	22.22
QPSK	1732.5	20175	20	50	24	22.24
QPSK	1732.5	20175	20	50	50	22.27
QPSK	1732.5	20175	20	100	0	22.31
QPSK	1745	20300	20	1	0	23.25
QPSK	1745	20300	20	1	49	23.24
QPSK	1745	20300	20	1	99	23.49
QPSK	1745	20300	20	50	0	22.21
QPSK	1745	20300	20	50	24	22.29
QPSK	1745	20300	20	50	50	22.15
QPSK	1745	20300	20	100	0	22.23

2 Occupied Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
4	QPSK	1710.7	19957	1.4	6	0	1.070	Fig.1
4	QPSK	1732.5	20175	1.4	6	0	1.070	Fig.2
4	QPSK	1754.3	20393	1.4	6	0	1.080	Fig.3
4	QPSK	1711.5	19965	3	15	0	2.680	Fig.4
4	QPSK	1732.5	20175	3	15	0	2.670	Fig.5
4	QPSK	1753.5	20385	3	15	0	2.680	Fig.6
4	QPSK	1712.5	19975	5	25	0	4.460	Fig.7
4	QPSK	1732.5	20175	5	25	0	4.460	Fig.8
4	QPSK	1752.5	20375	5	25	0	4.460	Fig.9
4	QPSK	1715	20000	10	50	0	8.920	Fig.10
4	QPSK	1732.5	20175	10	50	0	8.920	Fig.11
4	QPSK	1750	20350	10	50	0	8.910	Fig.12
4	QPSK	1717.5	20025	15	75	0	13.380	Fig.13
4	QPSK	1732.5	20175	15	75	0	13.410	Fig.14
4	QPSK	1747.5	20325	15	75	0	13.360	Fig.15
4	QPSK	1720	20050	20	100	0	17.860	Fig.16
4	QPSK	1732.5	20175	20	100	0	17.830	Fig.17
4	QPSK	1745	20300	20	100	0	17.830	Fig.18

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
4	16QAM	1710.7	19957	1.4	6	0	1.080	Fig.19
4	16QAM	1732.5	20175	1.4	6	0	1.080	Fig.20
4	16QAM	1754.3	20393	1.4	6	0	1.080	Fig.21
4	16QAM	1711.5	19965	3	15	0	2.690	Fig.22
4	16QAM	1732.5	20175	3	15	0	2.670	Fig.23
4	16QAM	1753.5	20385	3	15	0	2.670	Fig.24
4	16QAM	1712.5	19975	5	25	0	4.450	Fig.25
4	16QAM	1732.5	20175	5	25	0	4.460	Fig.26
4	16QAM	1752.5	20375	5	25	0	4.440	Fig.27
4	16QAM	1715	20000	10	50	0	8.930	Fig.28
4	16QAM	1732.5	20175	10	50	0	8.890	Fig.29
4	16QAM	1750	20350	10	50	0	8.910	Fig.30
4	16QAM	1717.5	20025	15	75	0	13.380	Fig.31
4	16QAM	1732.5	20175	15	75	0	13.380	Fig.32
4	16QAM	1747.5	20325	15	75	0	13.350	Fig.33
4	16QAM	1720	20050	20	100	0	17.870	Fig.34
4	16QAM	1732.5	20175	20	100	0	17.840	Fig.35
4	16QAM	1745	20300	20	100	0	17.810	Fig.36

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
4	64QAM	1710.7	19957	1.4	6	0	1.080	Fig.37
4	64QAM	1732.5	20175	1.4	6	0	1.070	Fig.38
4	64QAM	1754.3	20393	1.4	6	0	1.070	Fig.39
4	64QAM	1711.5	19965	3	15	0	2.680	Fig.40
4	64QAM	1732.5	20175	3	15	0	2.670	Fig.41
4	64QAM	1753.5	20385	3	15	0	2.670	Fig.42
4	64QAM	1712.5	19975	5	25	0	4.450	Fig.43
4	64QAM	1732.5	20175	5	25	0	4.460	Fig.44
4	64QAM	1752.5	20375	5	25	0	4.460	Fig.45
4	64QAM	1715	20000	10	50	0	8.940	Fig.46
4	64QAM	1732.5	20175	10	50	0	8.930	Fig.47
4	64QAM	1750	20350	10	50	0	8.910	Fig.48
4	64QAM	1717.5	20025	15	75	0	13.380	Fig.49
4	64QAM	1732.5	20175	15	75	0	13.370	Fig.50
4	64QAM	1747.5	20325	15	75	0	13.350	Fig.51
4	64QAM	1720	20050	20	100	0	17.880	Fig.52
4	64QAM	1732.5	20175	20	100	0	17.870	Fig.53
4	64QAM	1745	20300	20	100	0	17.840	Fig.54

Test Mode: QPSK

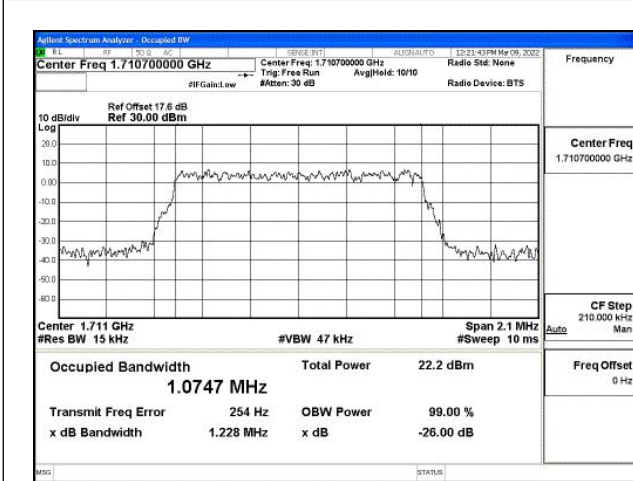


Fig.1

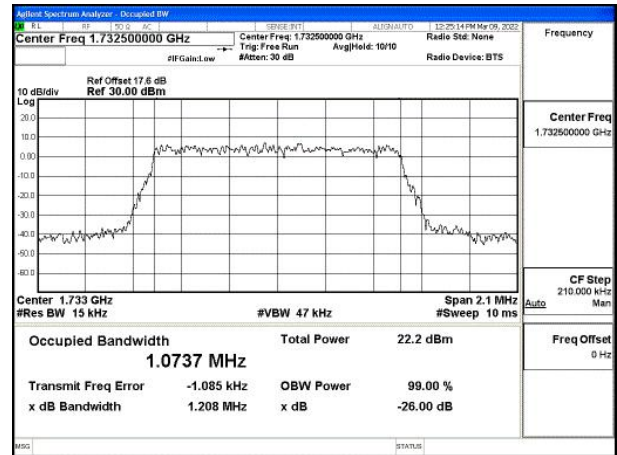


Fig.2

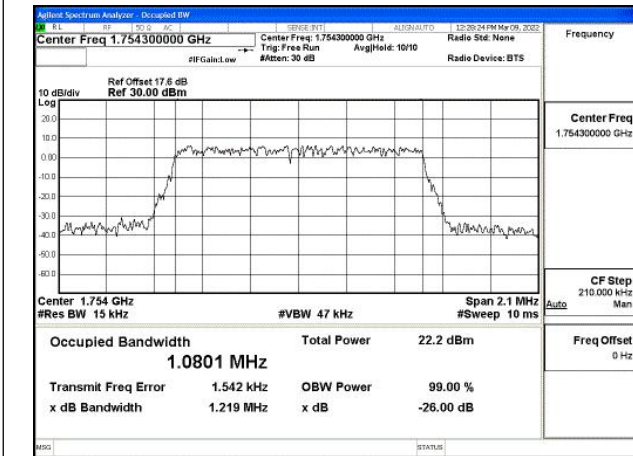


Fig.3

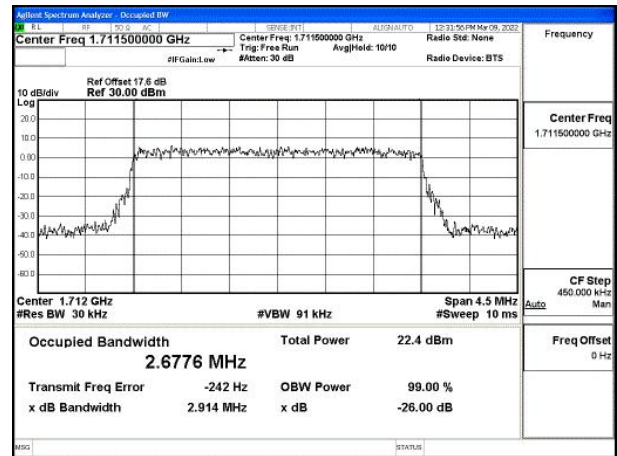


Fig.4

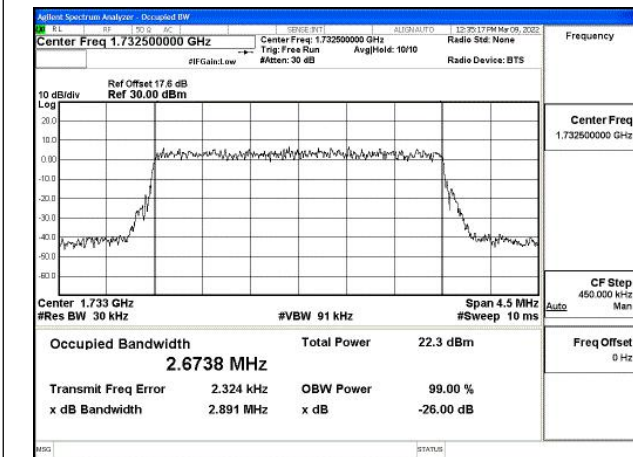


Fig.5

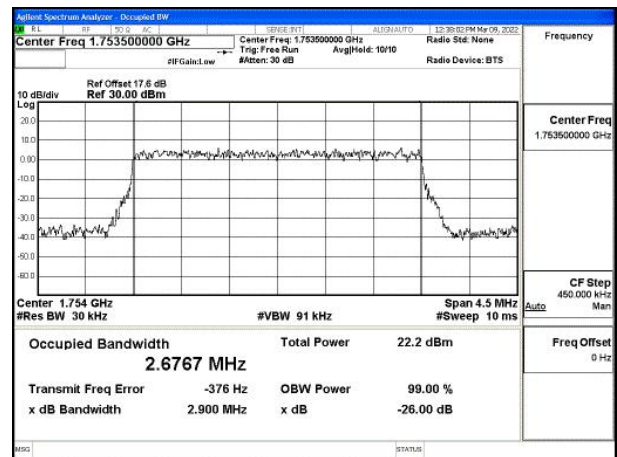


Fig.6

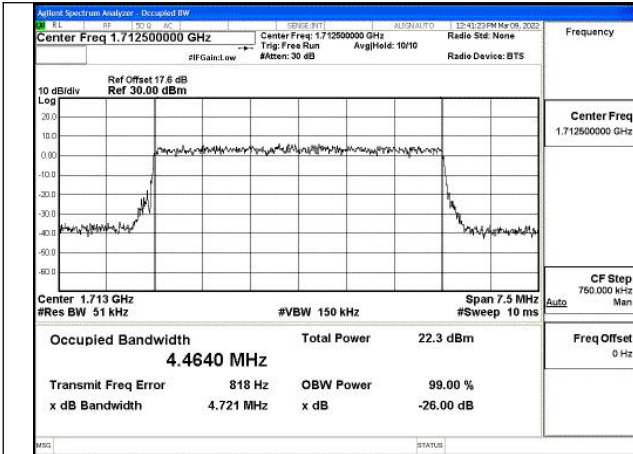


Fig.7

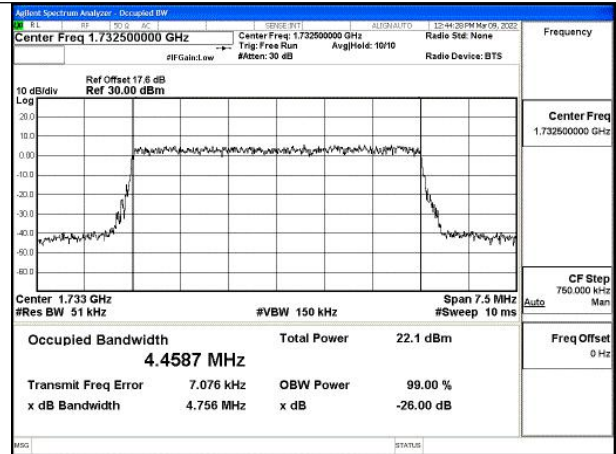


Fig.8

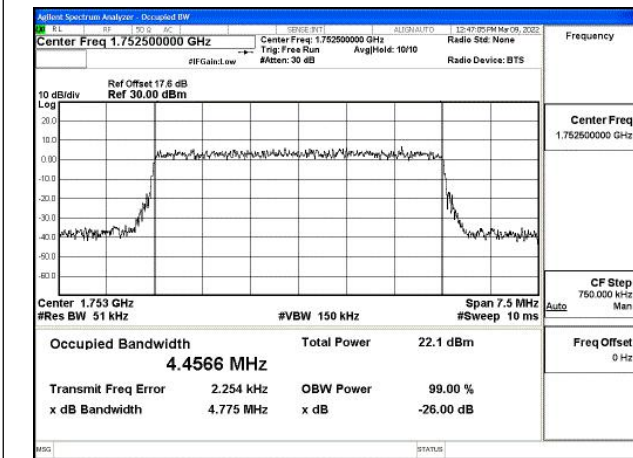


Fig.9

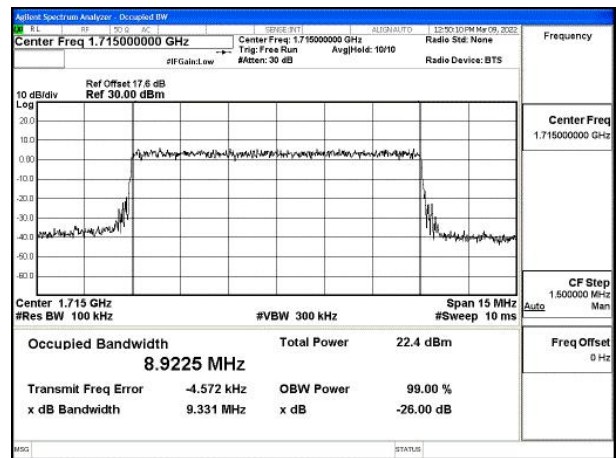


Fig.10

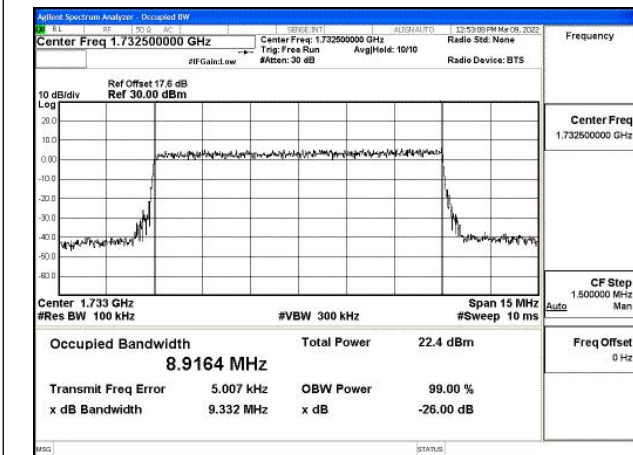


Fig.11

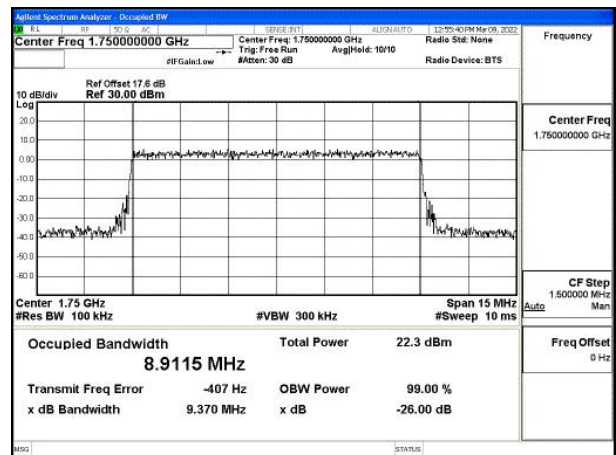


Fig.12

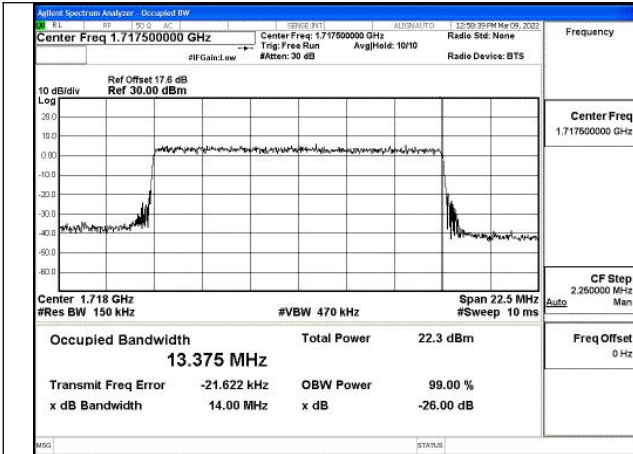


Fig.13

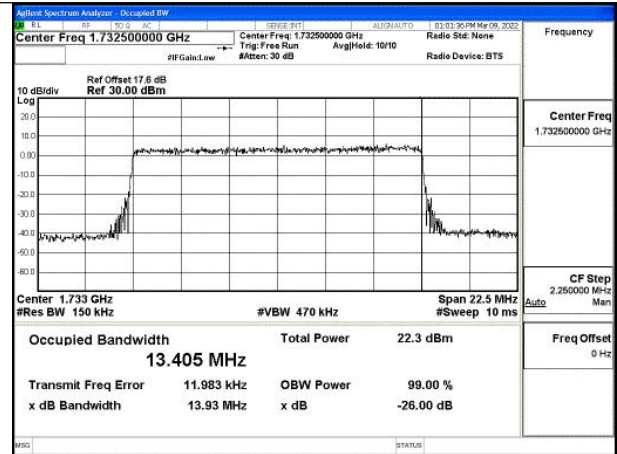


Fig.14

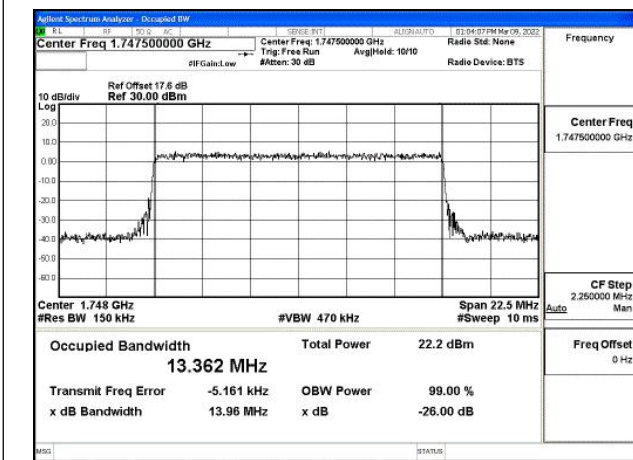


Fig.15

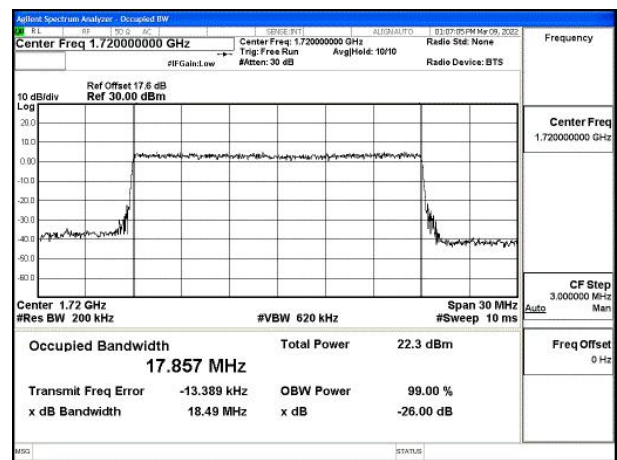


Fig.16

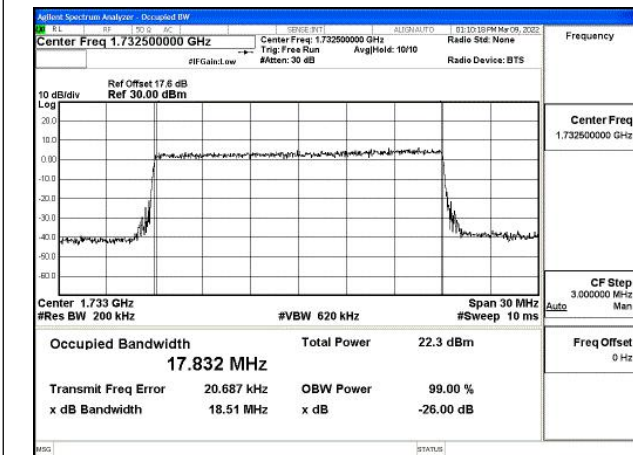


Fig.17

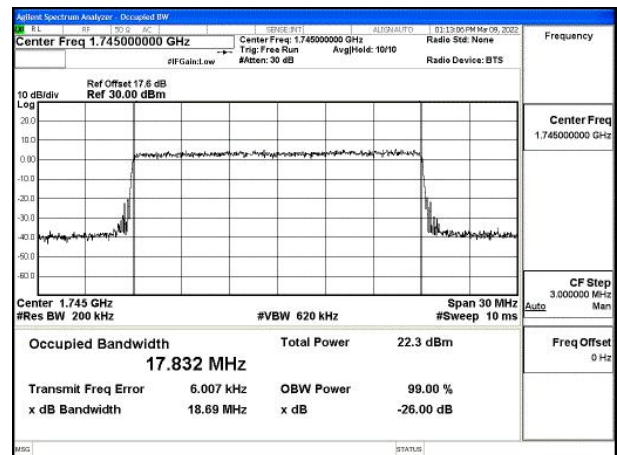


Fig.18

Test Mode: 16QAM

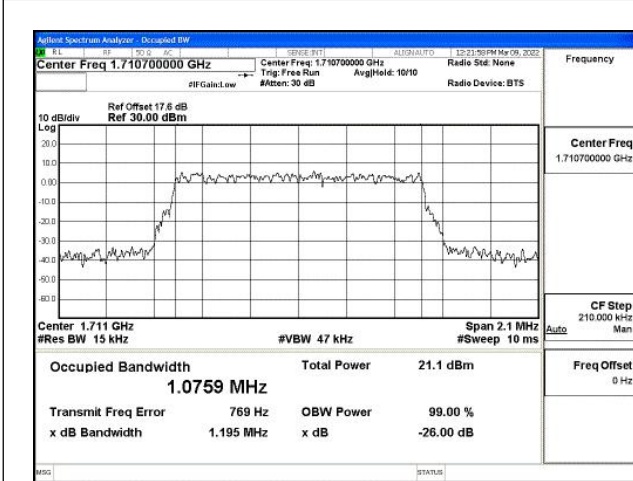


Fig.19

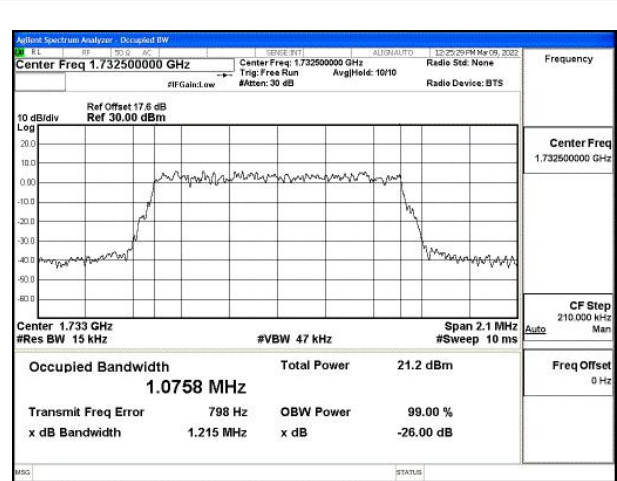


Fig.20

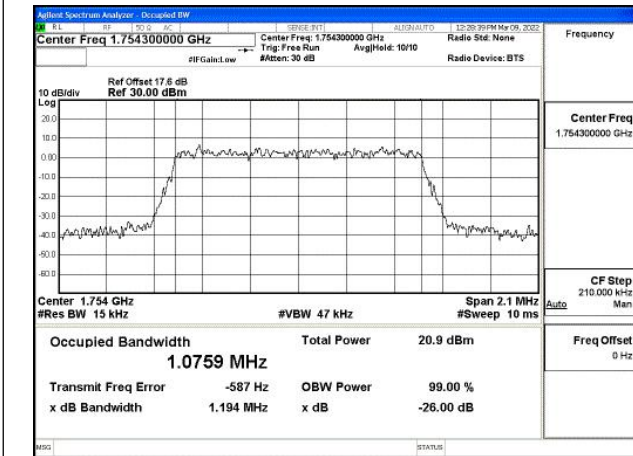


Fig.21

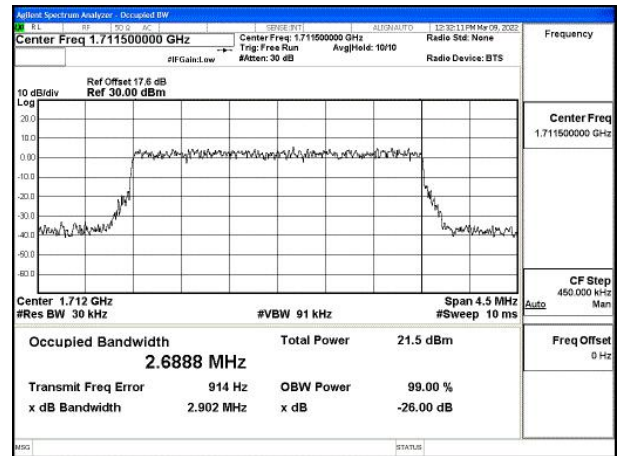


Fig.22

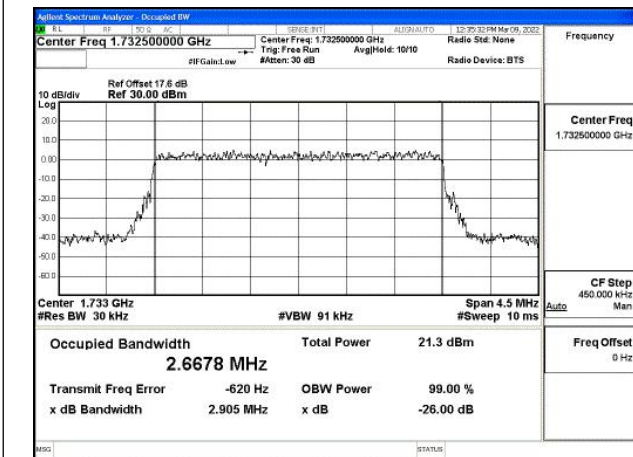


Fig.23

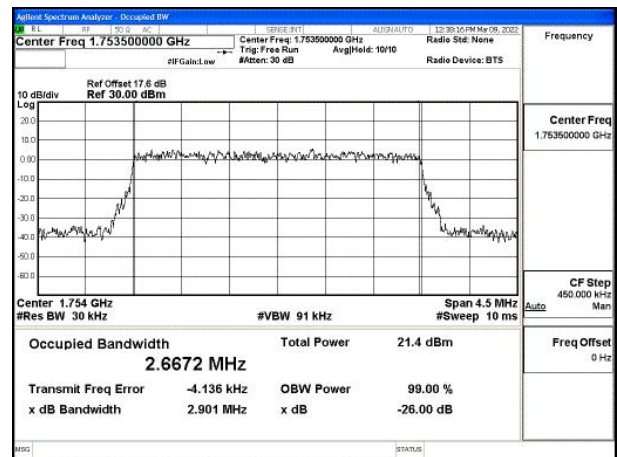


Fig.24

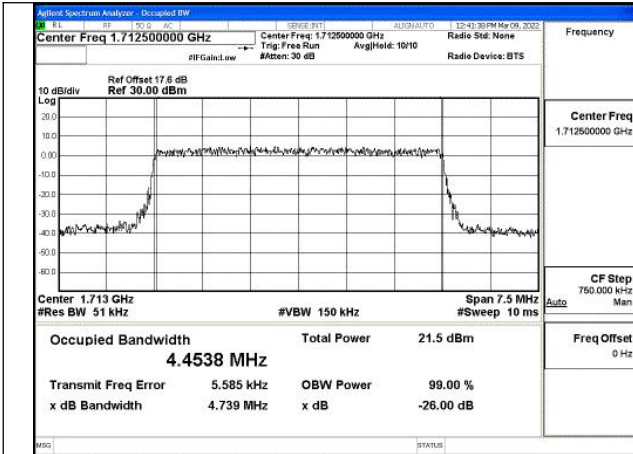


Fig.25

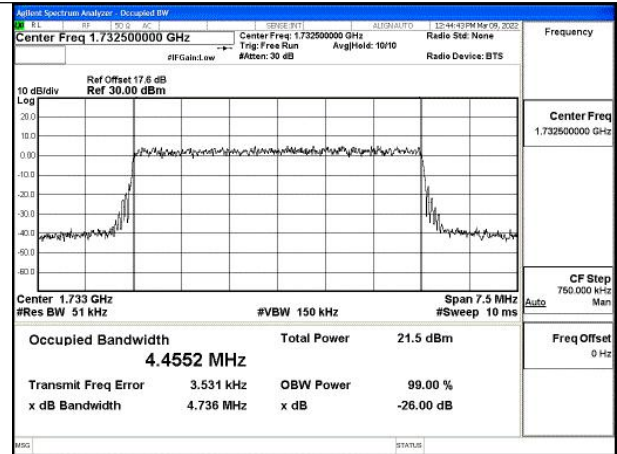


Fig.26

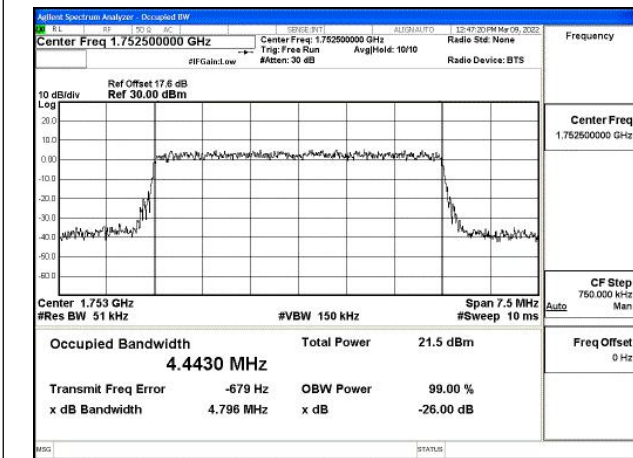


Fig.27

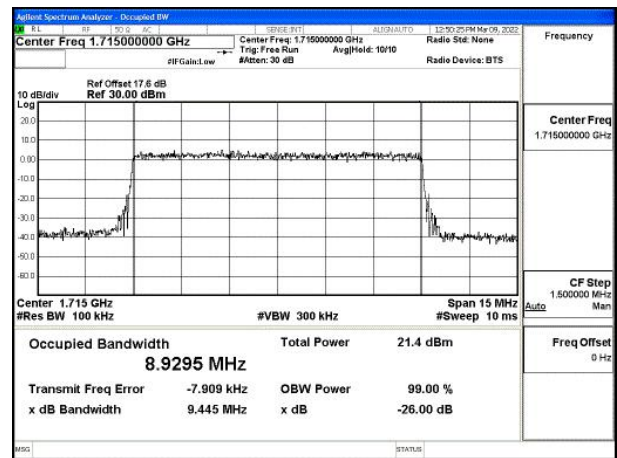


Fig.28

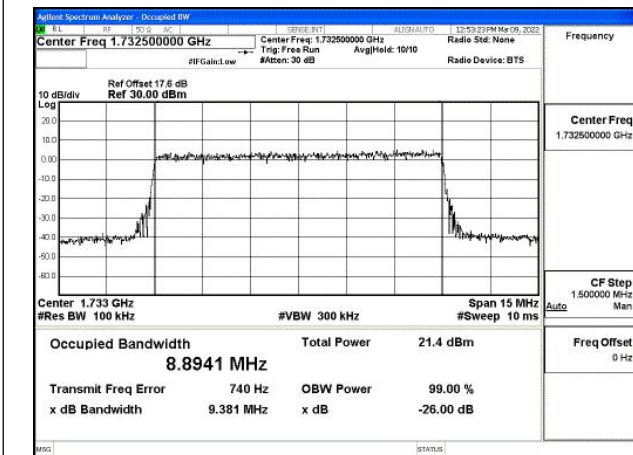


Fig.29

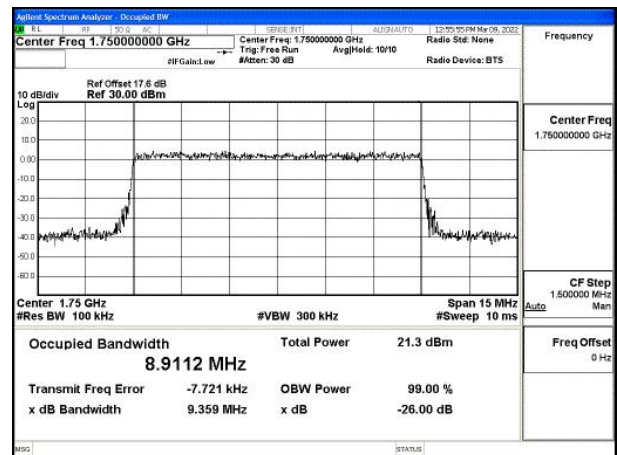


Fig.30

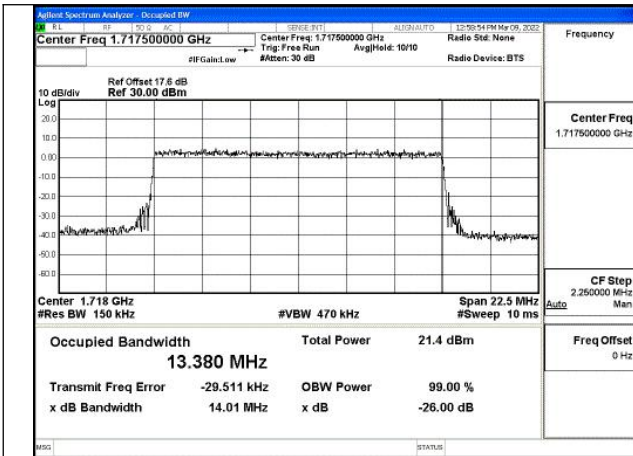


Fig.31

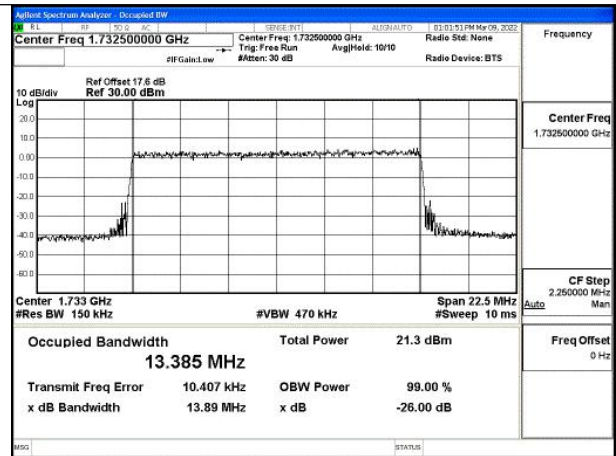


Fig.32

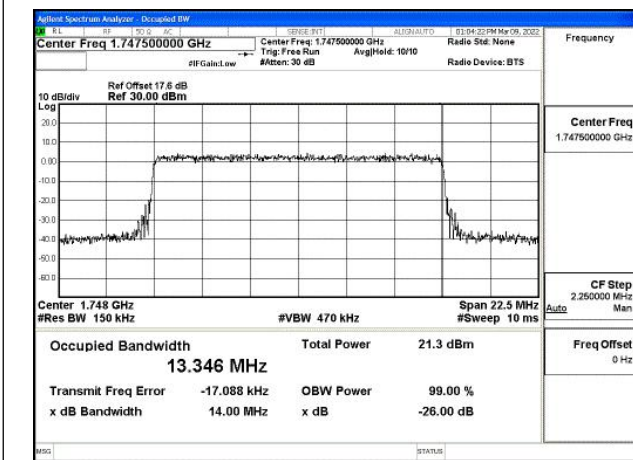


Fig.33

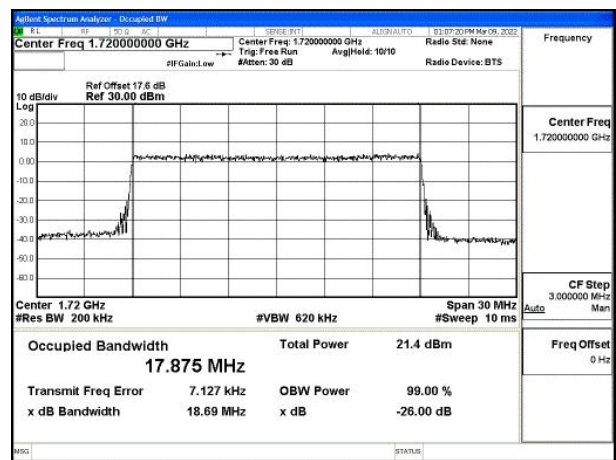


Fig.34

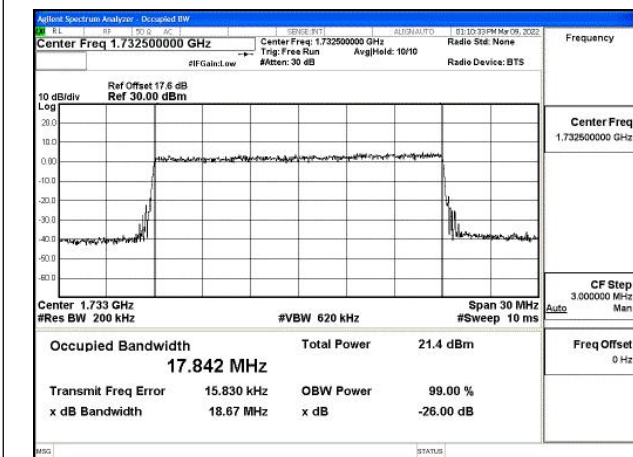


Fig.35

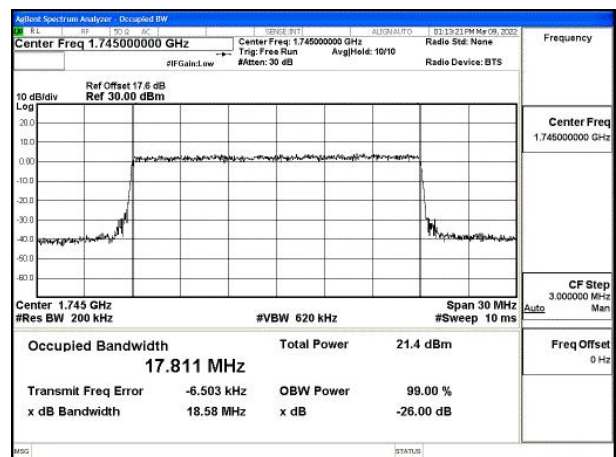


Fig.36

Test Mode: 64QAM

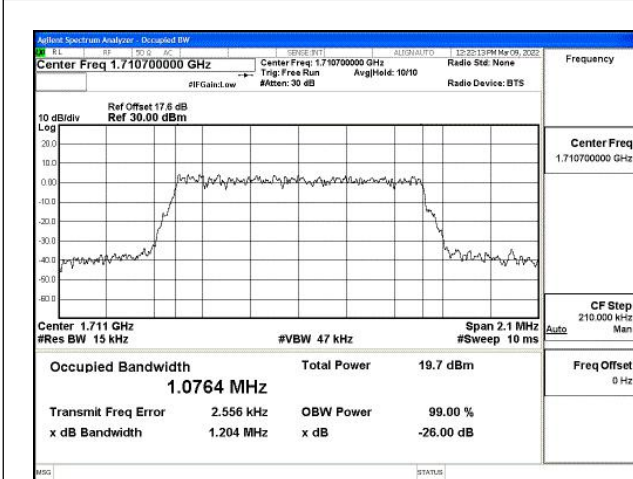


Fig.37

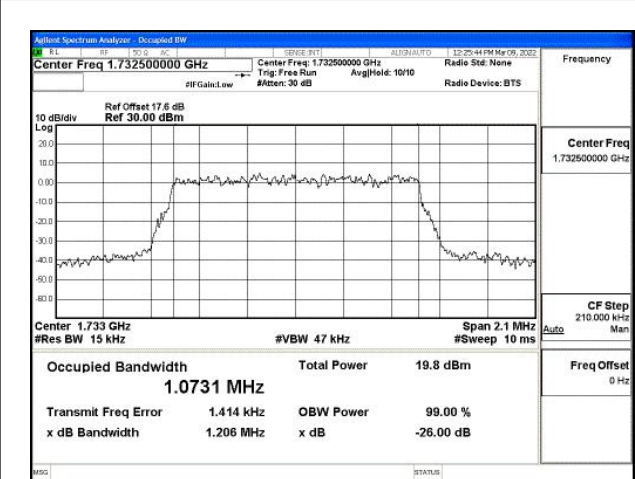


Fig.38

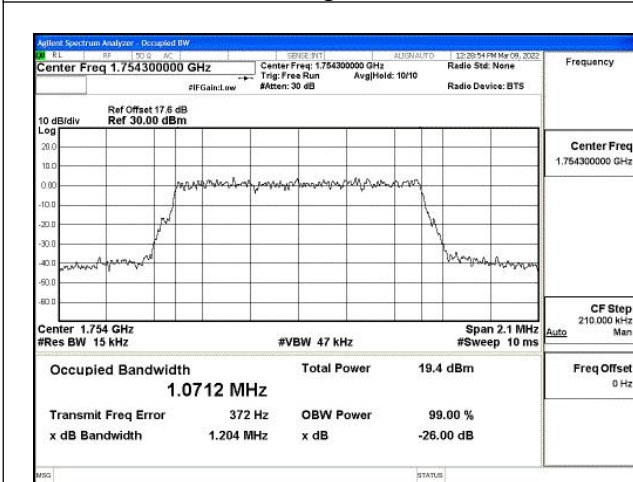


Fig.39

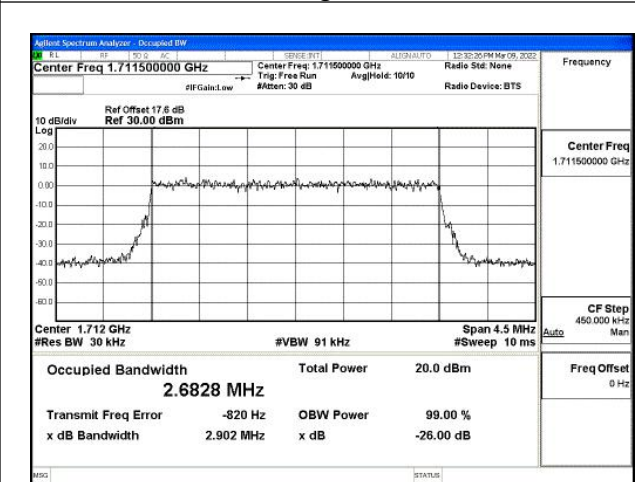


Fig.40

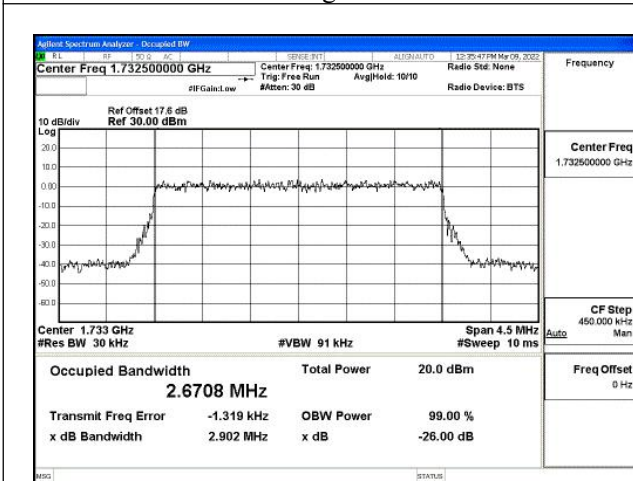


Fig.41

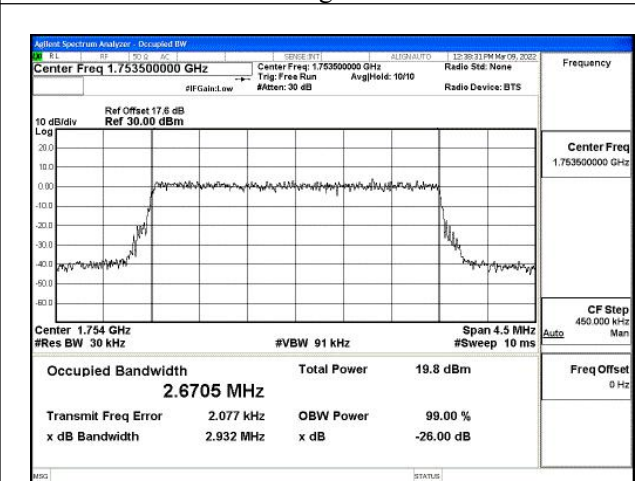


Fig.42

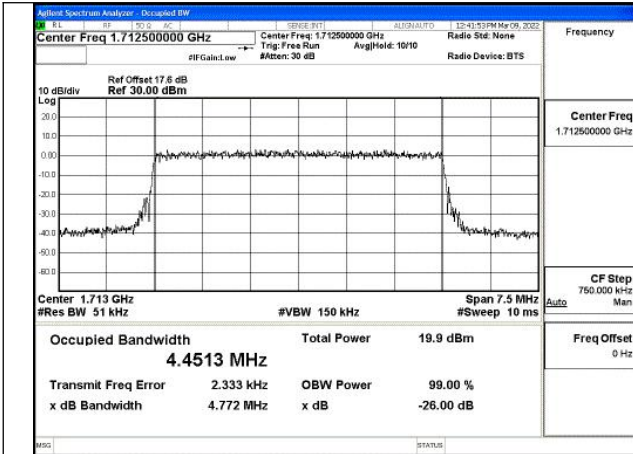


Fig.43

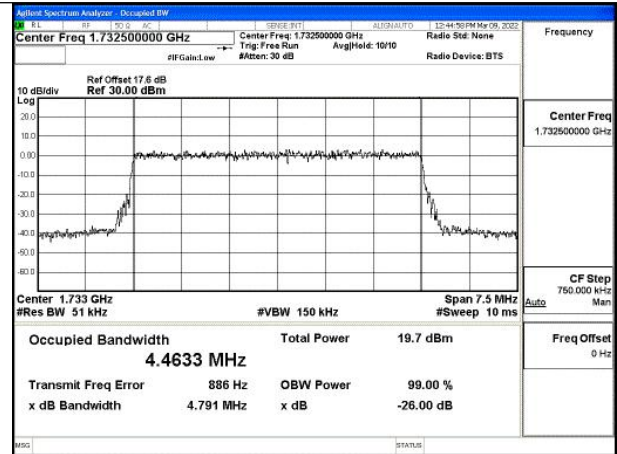


Fig.44

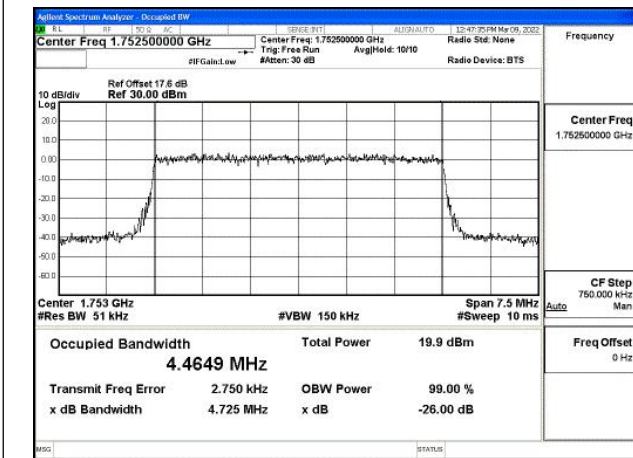


Fig.45

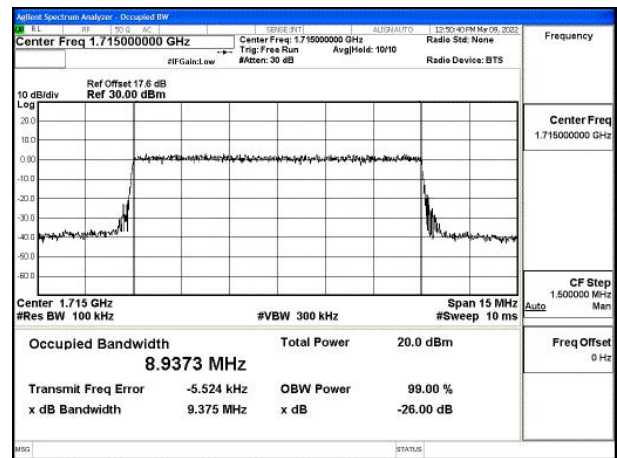


Fig.46

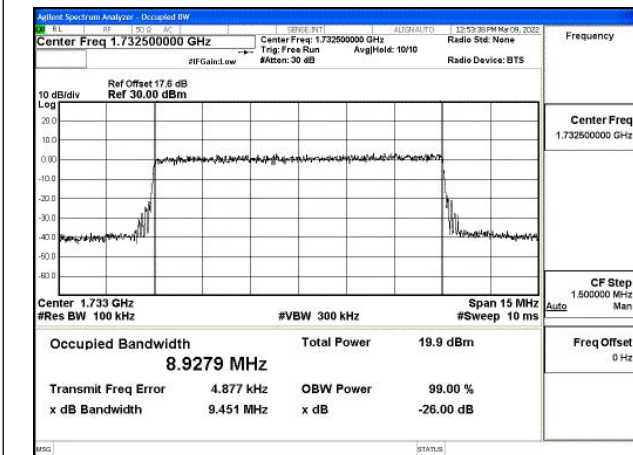


Fig.47

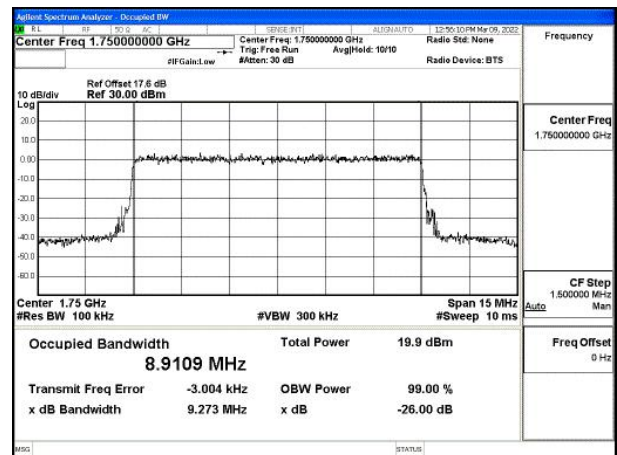


Fig.48

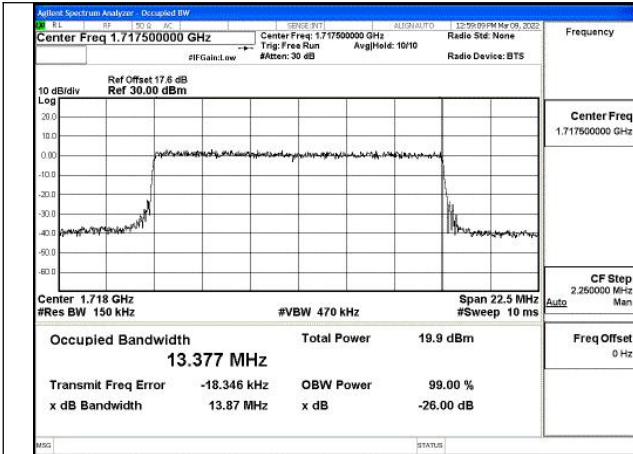


Fig.49

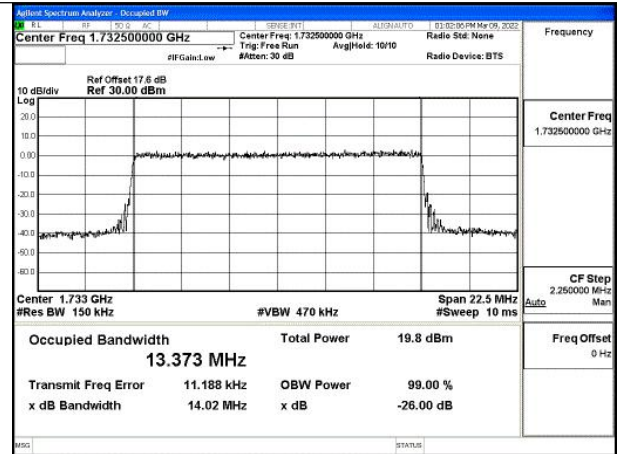


Fig.50

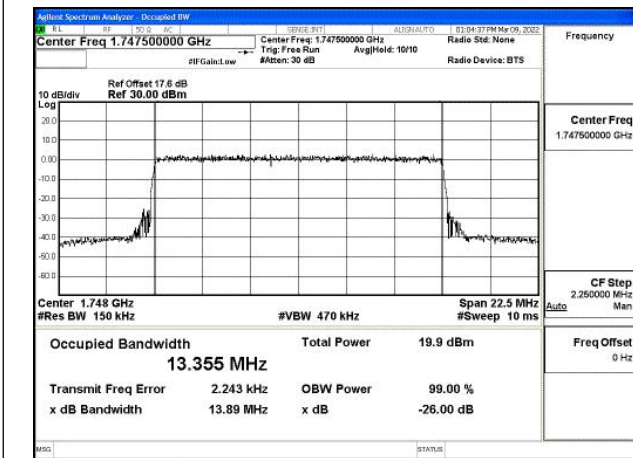


Fig.51

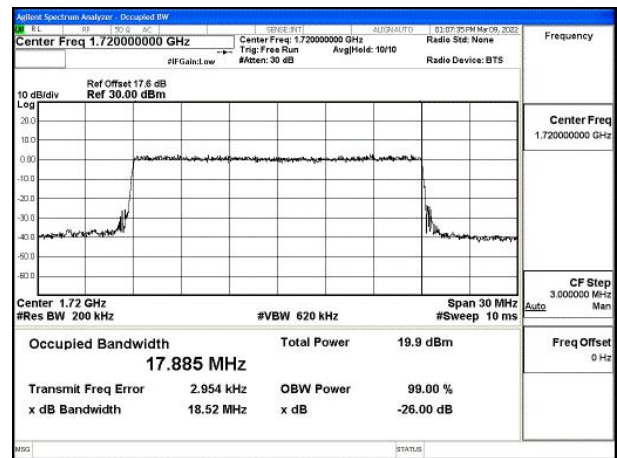


Fig.52

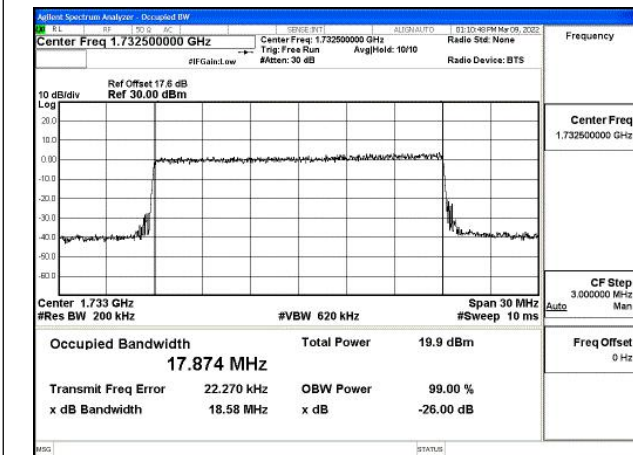


Fig.53

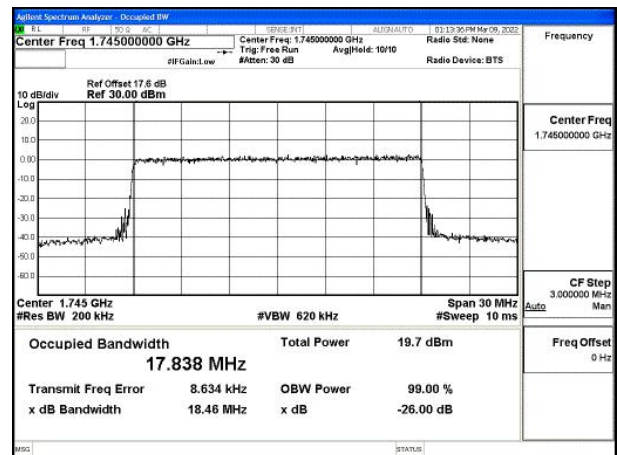


Fig.54

3 Emission Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
4	QPSK	1710.7	19957	1.4	6	0	1.230	Fig.1
4	QPSK	1732.5	20175	1.4	6	0	1.210	Fig.2
4	QPSK	1754.3	20393	1.4	6	0	1.220	Fig.3
4	QPSK	1711.5	19965	3	15	0	2.910	Fig.4
4	QPSK	1732.5	20175	3	15	0	2.890	Fig.5
4	QPSK	1753.5	20385	3	15	0	2.900	Fig.6
4	QPSK	1712.5	19975	5	25	0	4.720	Fig.7
4	QPSK	1732.5	20175	5	25	0	4.760	Fig.8
4	QPSK	1752.5	20375	5	25	0	4.780	Fig.9
4	QPSK	1715	20000	10	50	0	9.330	Fig.10
4	QPSK	1732.5	20175	10	50	0	9.330	Fig.11
4	QPSK	1750	20350	10	50	0	9.370	Fig.12
4	QPSK	1717.5	20025	15	75	0	14.000	Fig.13
4	QPSK	1732.5	20175	15	75	0	13.930	Fig.14
4	QPSK	1747.5	20325	15	75	0	13.960	Fig.15
4	QPSK	1720	20050	20	100	0	18.490	Fig.16
4	QPSK	1732.5	20175	20	100	0	18.510	Fig.17
4	QPSK	1745	20300	20	100	0	18.690	Fig.18

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
4	16QAM	1710.7	19957	1.4	6	0	1.190	Fig.19
4	16QAM	1732.5	20175	1.4	6	0	1.220	Fig.20
4	16QAM	1754.3	20393	1.4	6	0	1.190	Fig.21
4	16QAM	1711.5	19965	3	15	0	2.900	Fig.22
4	16QAM	1732.5	20175	3	15	0	2.900	Fig.23
4	16QAM	1753.5	20385	3	15	0	2.900	Fig.24
4	16QAM	1712.5	19975	5	25	0	4.740	Fig.25
4	16QAM	1732.5	20175	5	25	0	4.740	Fig.26
4	16QAM	1752.5	20375	5	25	0	4.800	Fig.27
4	16QAM	1715	20000	10	50	0	9.440	Fig.28
4	16QAM	1732.5	20175	10	50	0	9.380	Fig.29
4	16QAM	1750	20350	10	50	0	9.360	Fig.30
4	16QAM	1717.5	20025	15	75	0	14.010	Fig.31
4	16QAM	1732.5	20175	15	75	0	13.890	Fig.32
4	16QAM	1747.5	20325	15	75	0	14.000	Fig.33
4	16QAM	1720	20050	20	100	0	18.690	Fig.34
4	16QAM	1732.5	20175	20	100	0	18.670	Fig.35
4	16QAM	1745	20300	20	100	0	18.580	Fig.36

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
4	64QAM	1710.7	19957	1.4	6	0	1.200	Fig.37
4	64QAM	1732.5	20175	1.4	6	0	1.210	Fig.38
4	64QAM	1754.3	20393	1.4	6	0	1.200	Fig.39
4	64QAM	1711.5	19965	3	15	0	2.900	Fig.40
4	64QAM	1732.5	20175	3	15	0	2.900	Fig.41
4	64QAM	1753.5	20385	3	15	0	2.930	Fig.42
4	64QAM	1712.5	19975	5	25	0	4.770	Fig.43
4	64QAM	1732.5	20175	5	25	0	4.790	Fig.44
4	64QAM	1752.5	20375	5	25	0	4.720	Fig.45
4	64QAM	1715	20000	10	50	0	9.370	Fig.46
4	64QAM	1732.5	20175	10	50	0	9.450	Fig.47
4	64QAM	1750	20350	10	50	0	9.270	Fig.48
4	64QAM	1717.5	20025	15	75	0	13.870	Fig.49
4	64QAM	1732.5	20175	15	75	0	14.020	Fig.50
4	64QAM	1747.5	20325	15	75	0	13.890	Fig.51
4	64QAM	1720	20050	20	100	0	18.520	Fig.52
4	64QAM	1732.5	20175	20	100	0	18.580	Fig.53
4	64QAM	1745	20300	20	100	0	18.460	Fig.54

Test Mode: QPSK

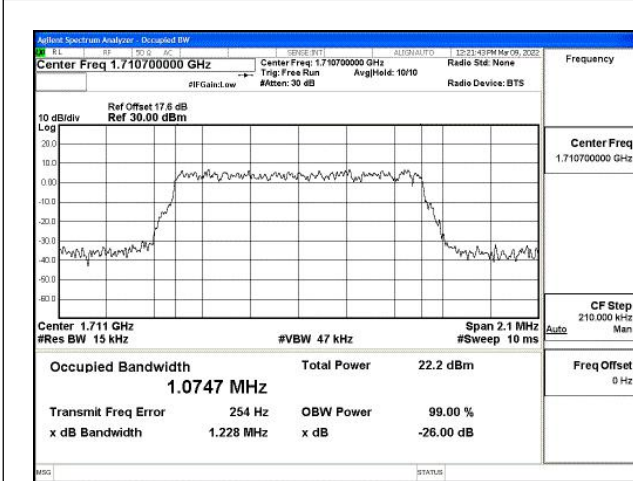


Fig.1

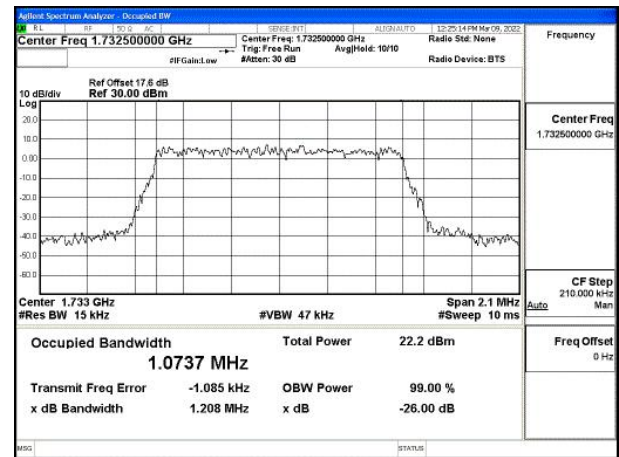


Fig.2

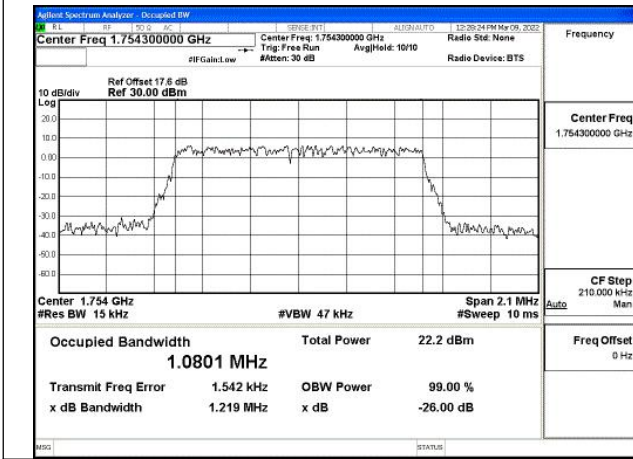


Fig.3

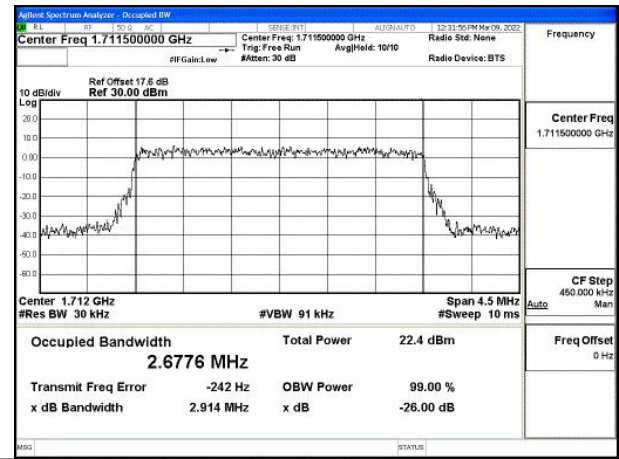


Fig.4

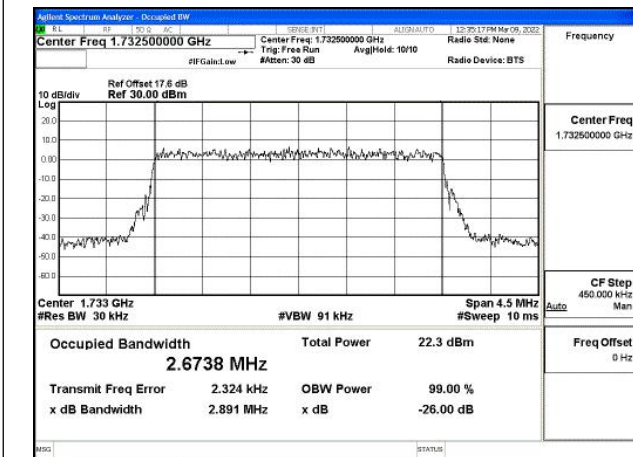


Fig.5

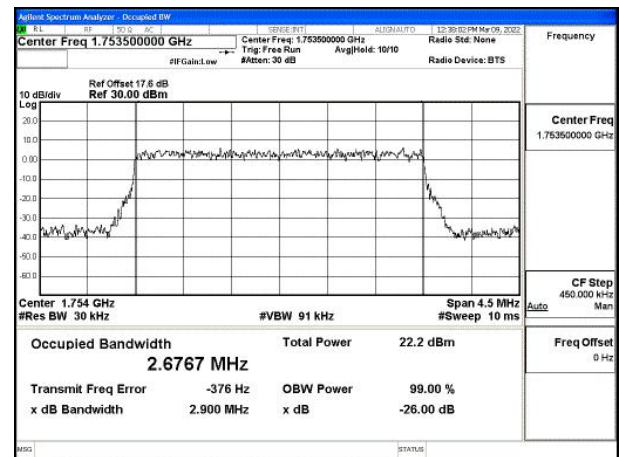


Fig.6

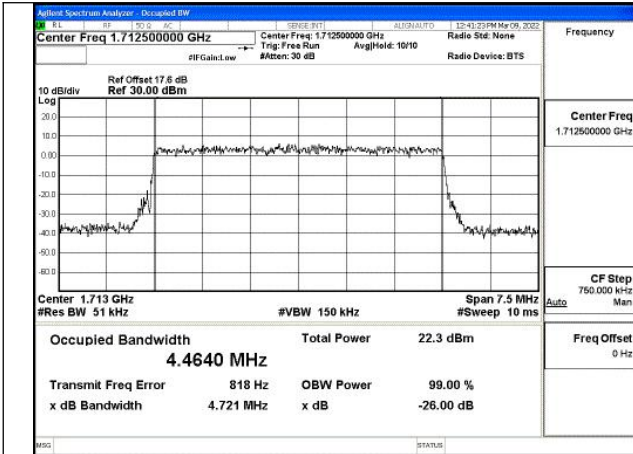


Fig.7

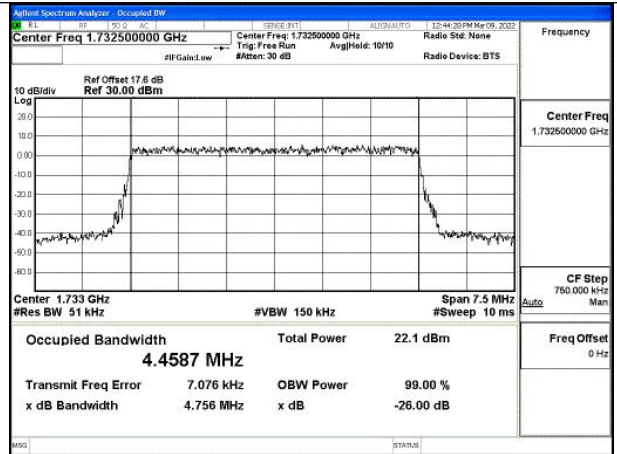


Fig.8

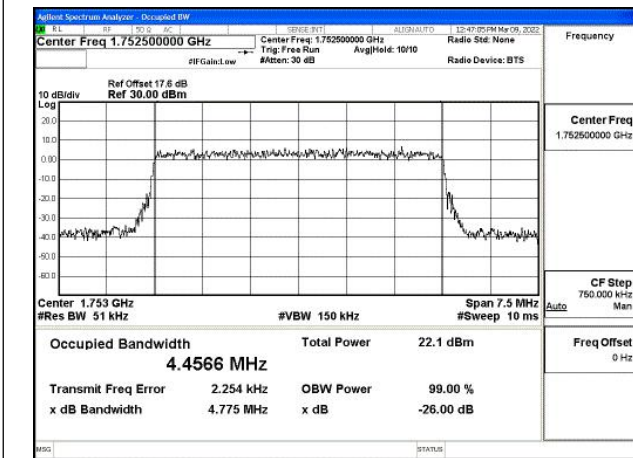


Fig.9

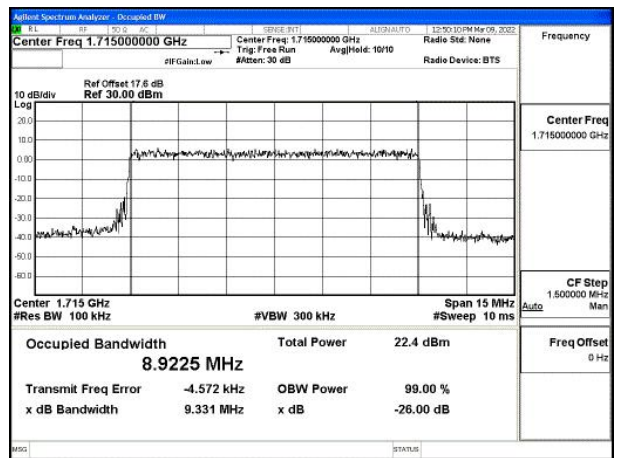


Fig.10

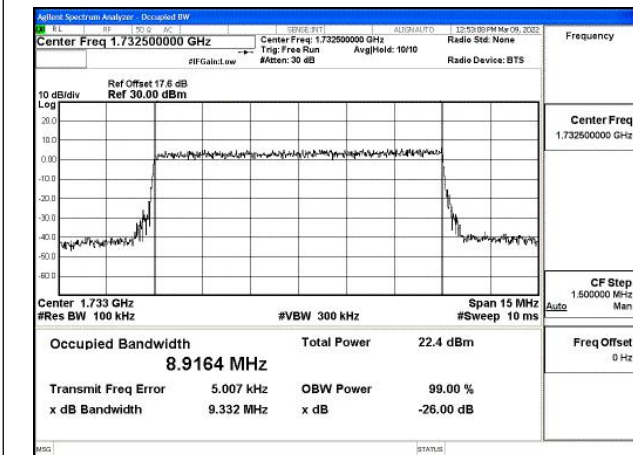


Fig.11

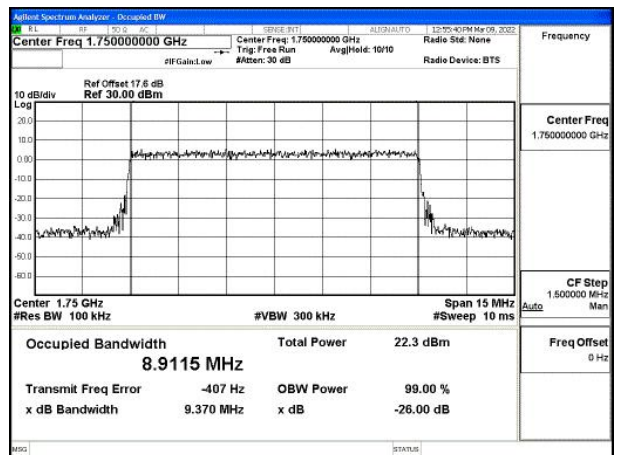


Fig.12

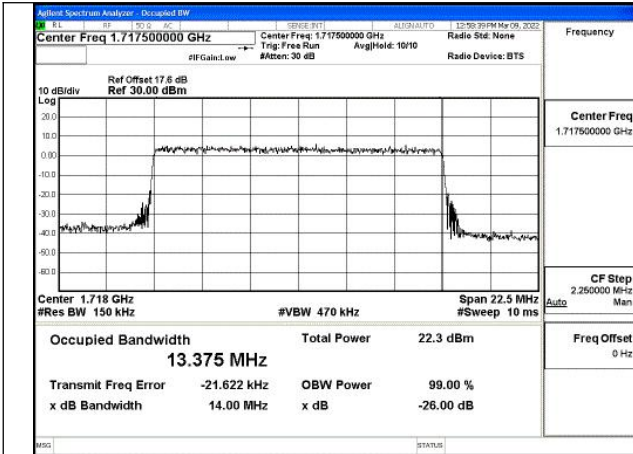


Fig.13

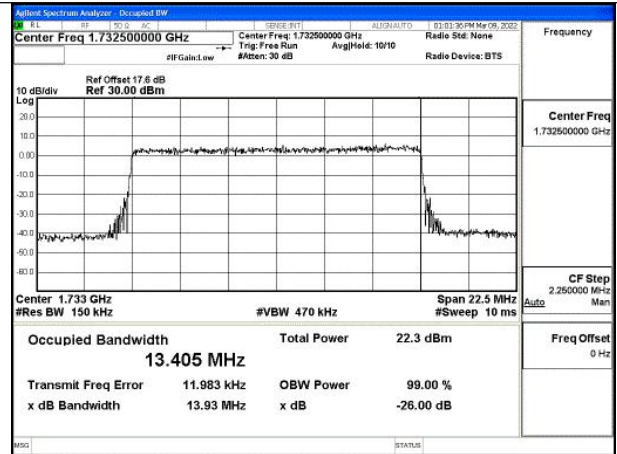


Fig.14

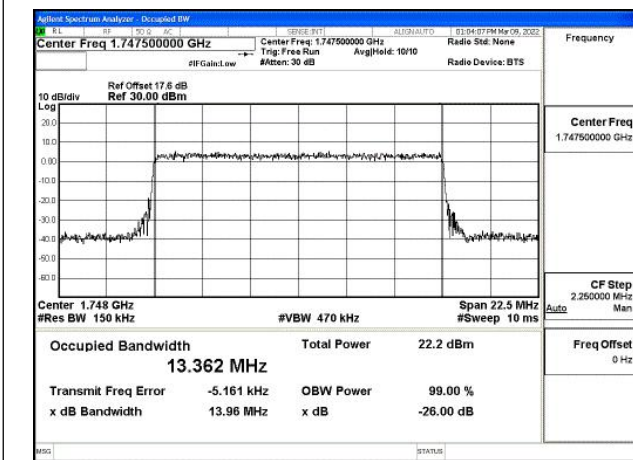


Fig.15

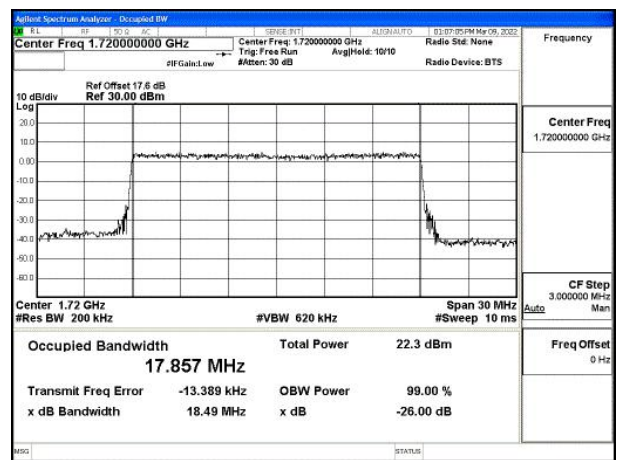


Fig.16

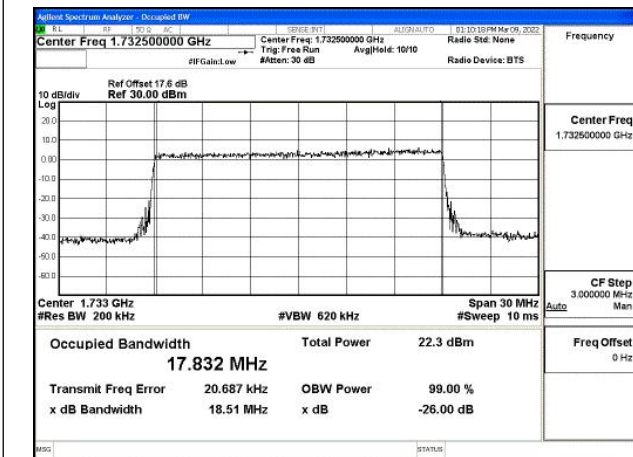


Fig.17

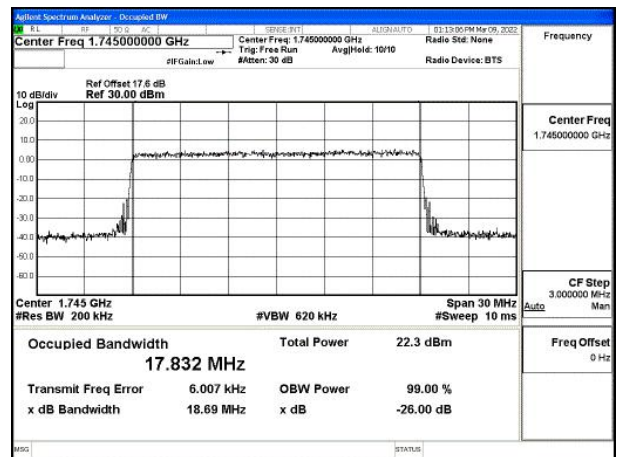


Fig.18

Test Mode: 16QAM

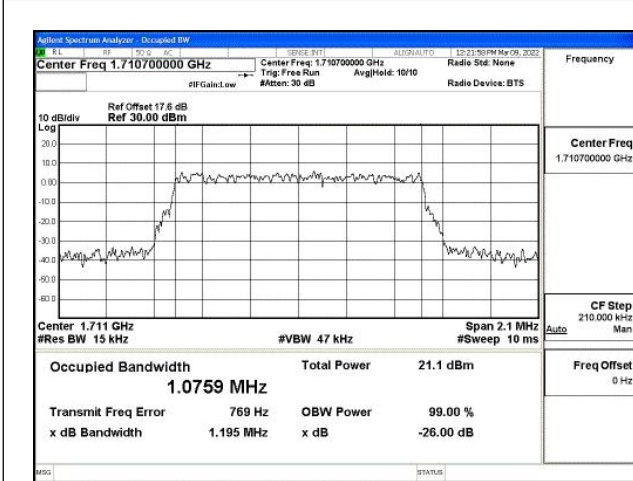


Fig.19

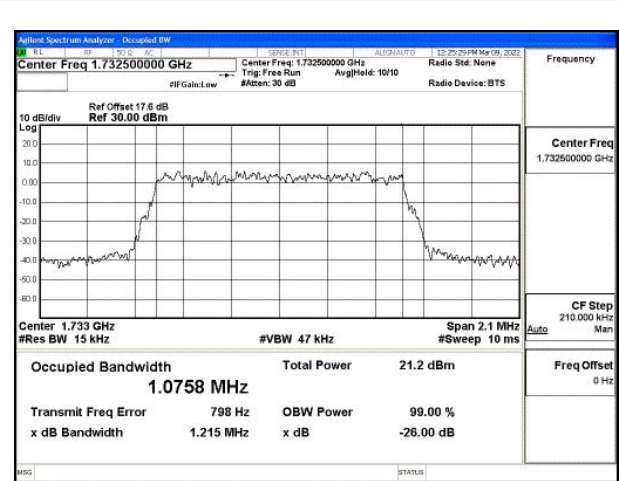


Fig.20

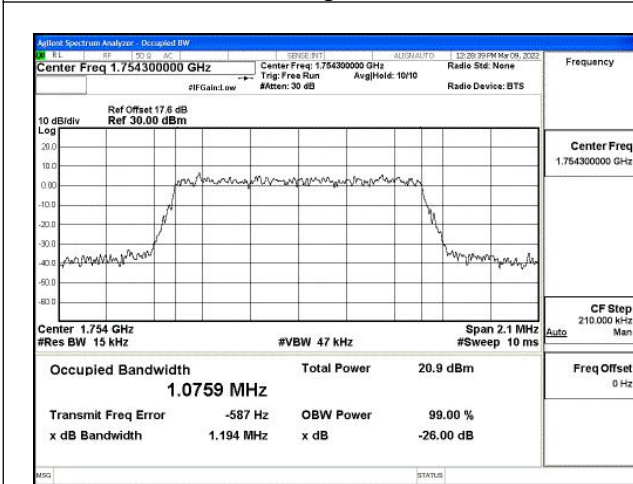


Fig.21

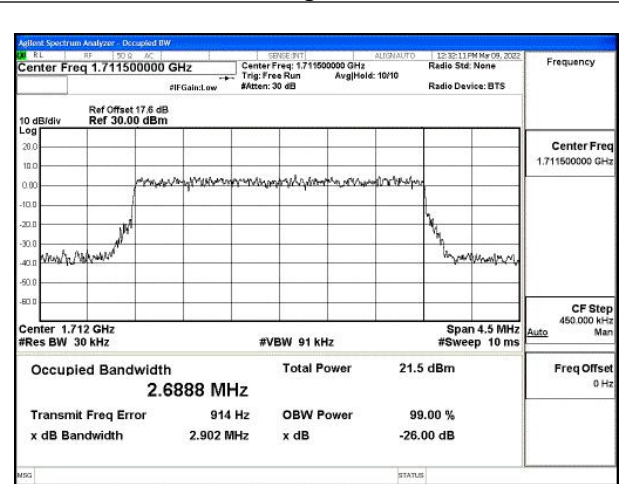


Fig.22

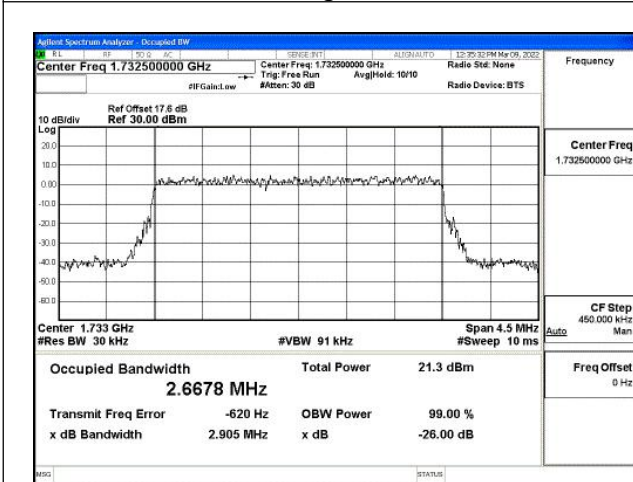


Fig.23

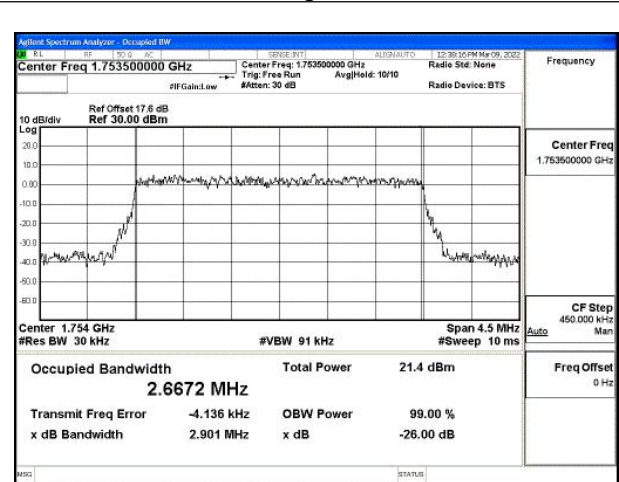


Fig.24

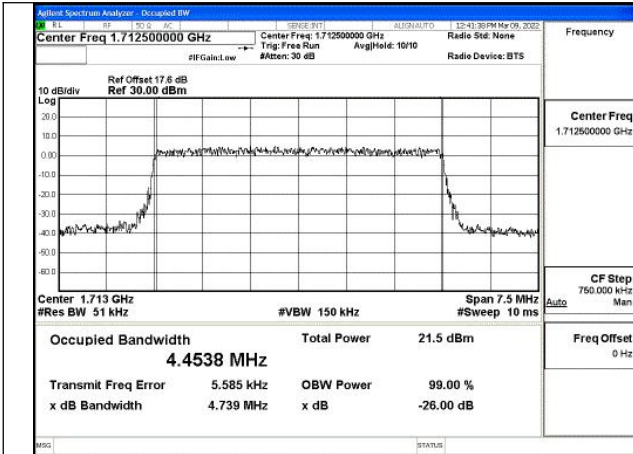


Fig.25

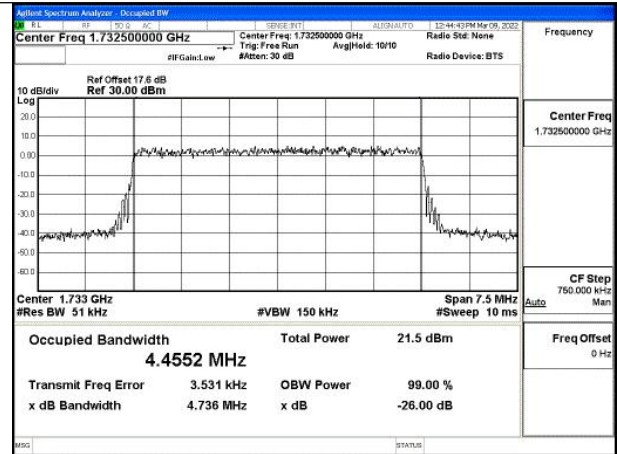


Fig.26

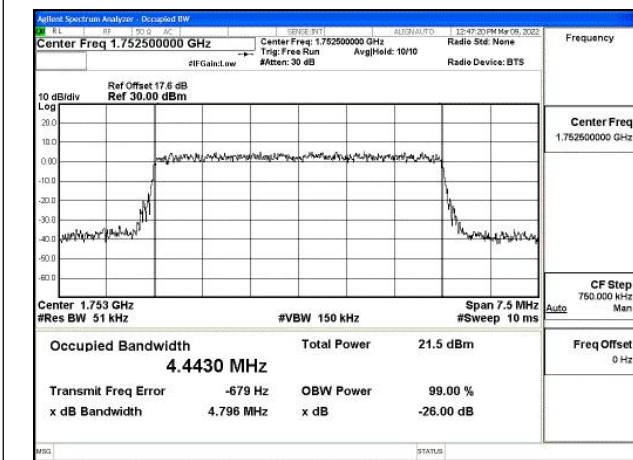


Fig.27

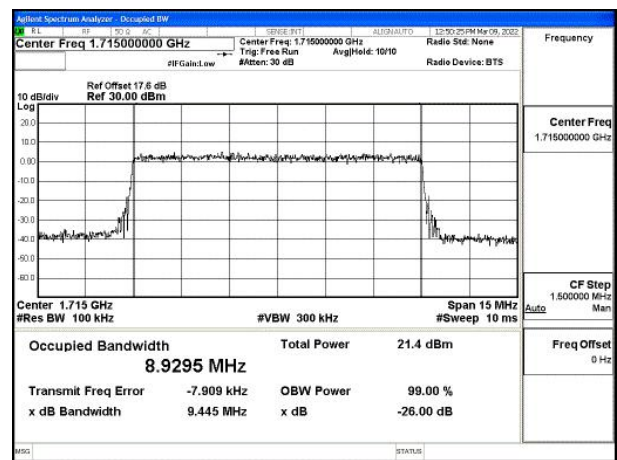


Fig.28

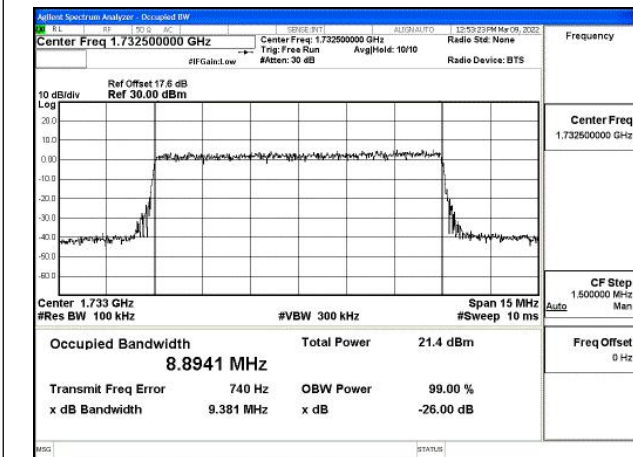


Fig.29

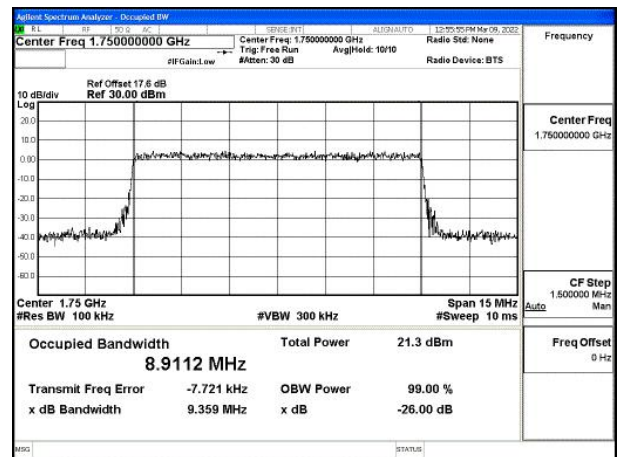


Fig.30

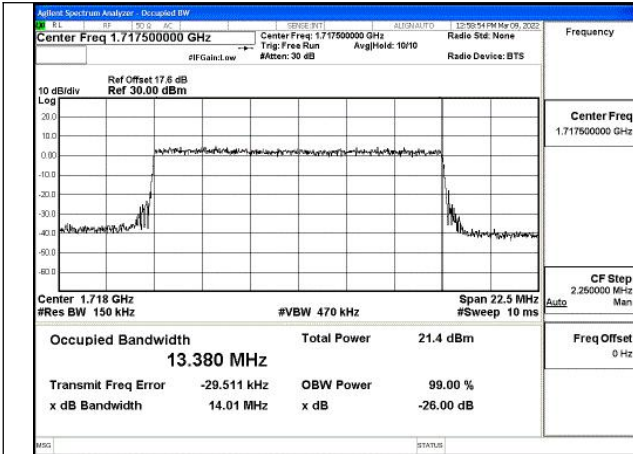


Fig.31

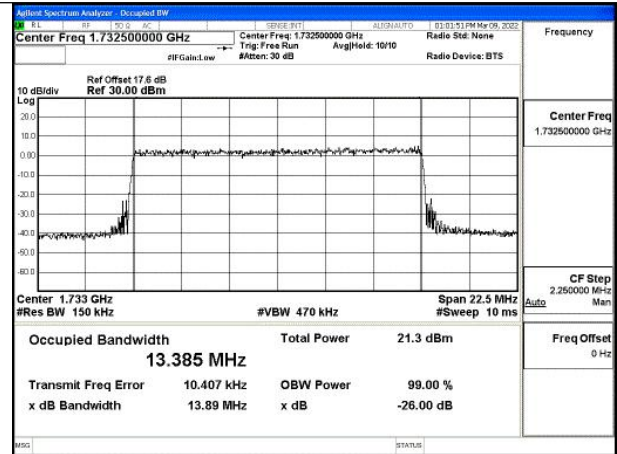


Fig.32

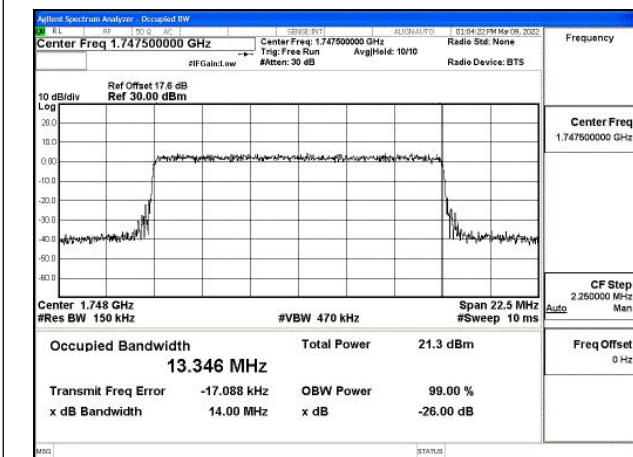


Fig.33

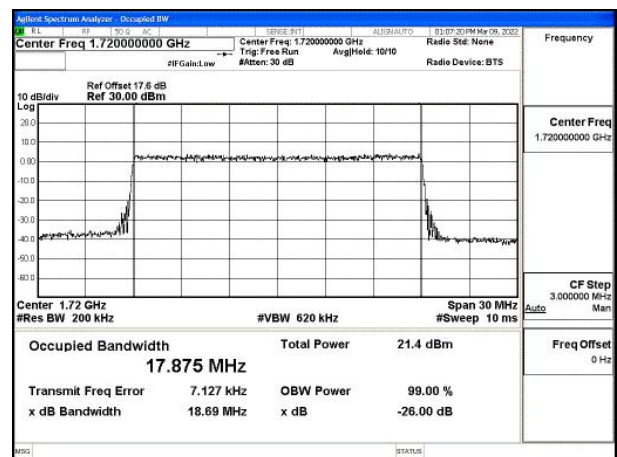


Fig.34

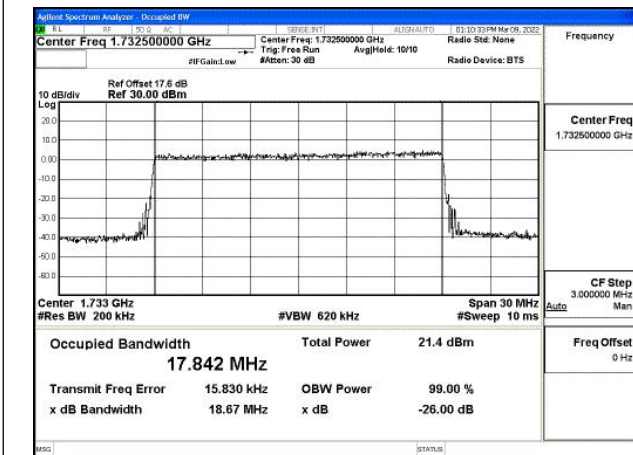


Fig.35

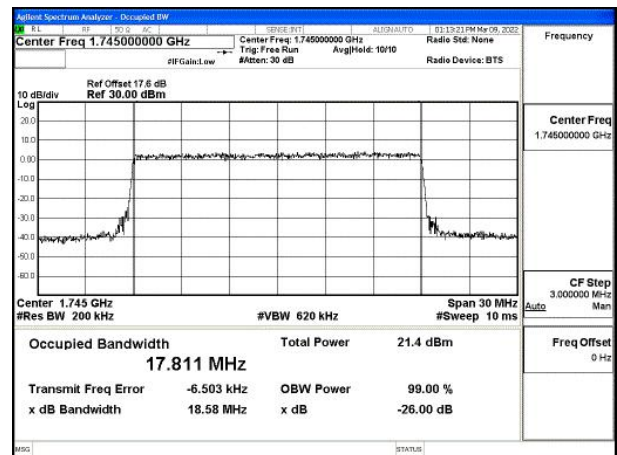


Fig.36

Test Mode: 64QAM

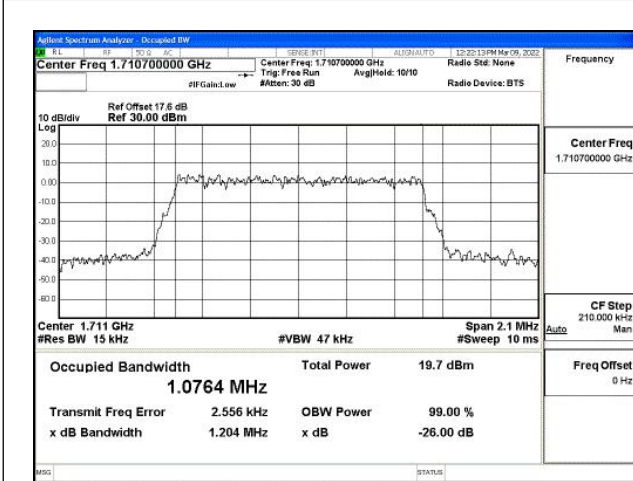


Fig.37

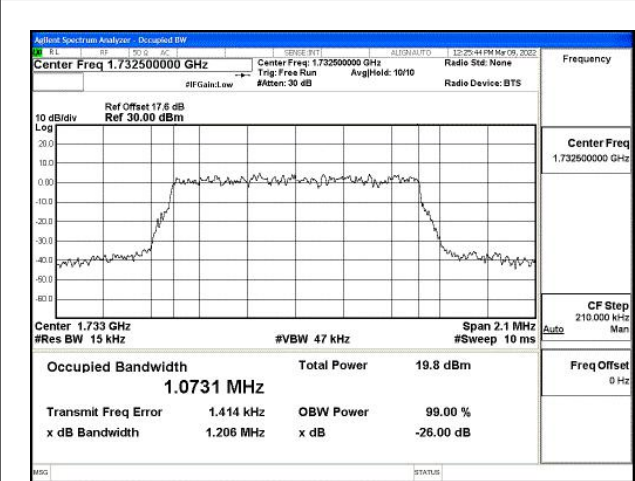


Fig.38

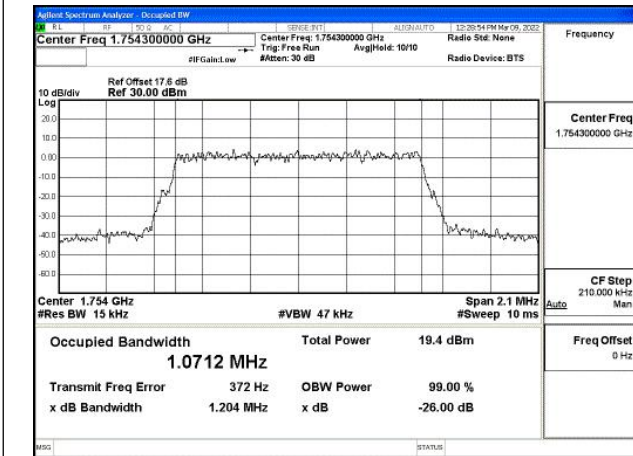


Fig.39

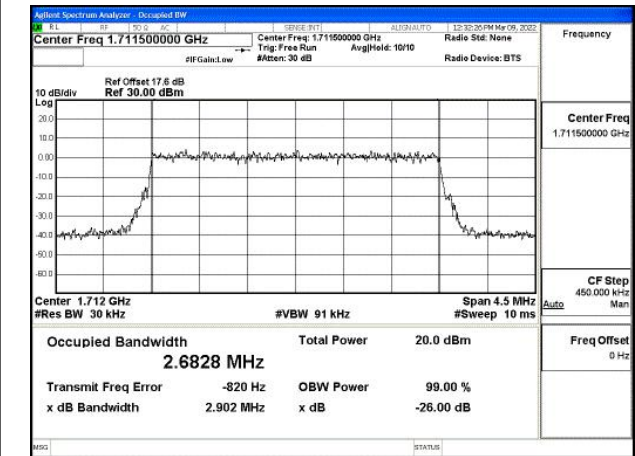


Fig.40

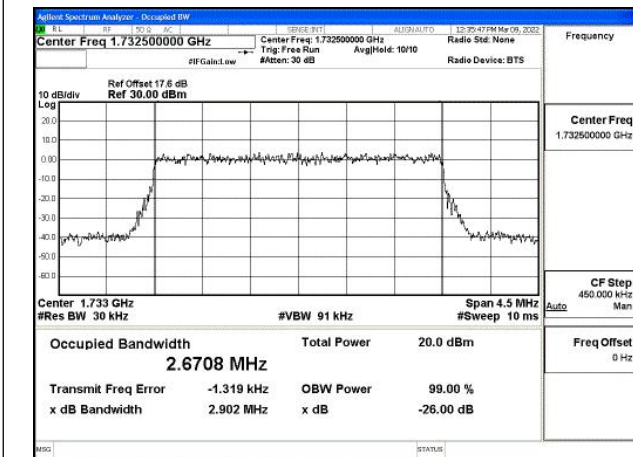


Fig.41

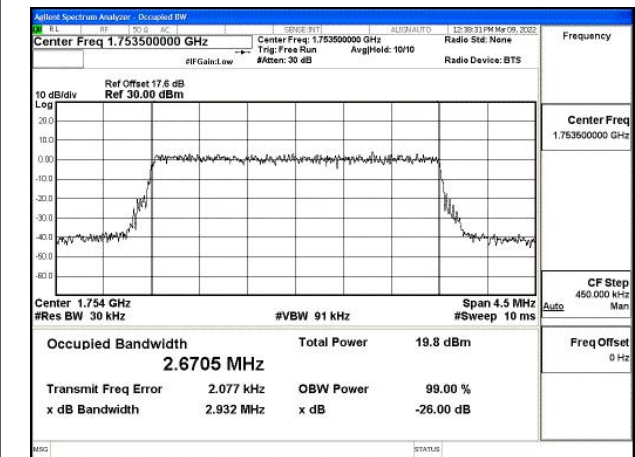


Fig.42

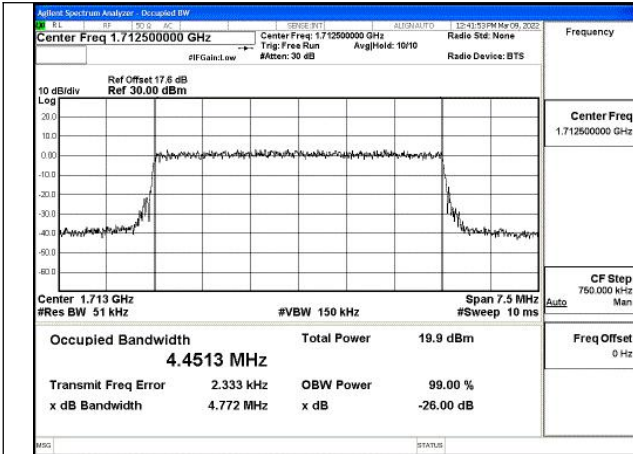


Fig.43

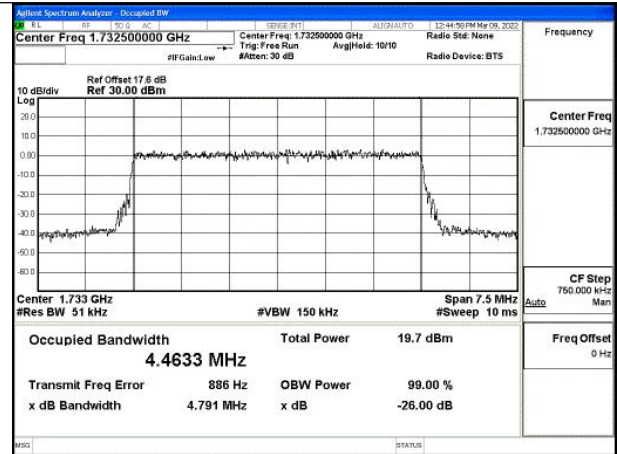


Fig.44

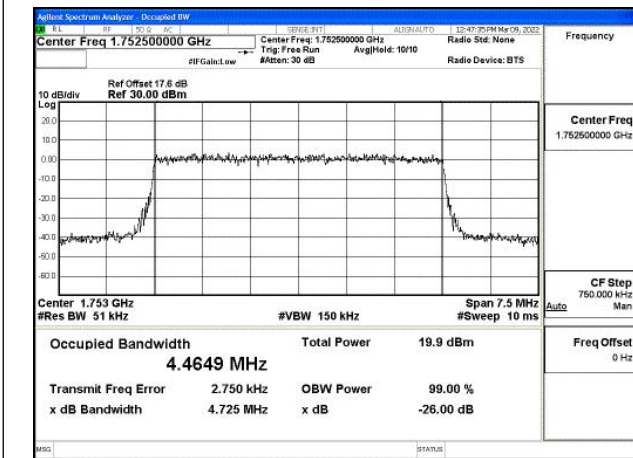


Fig.45

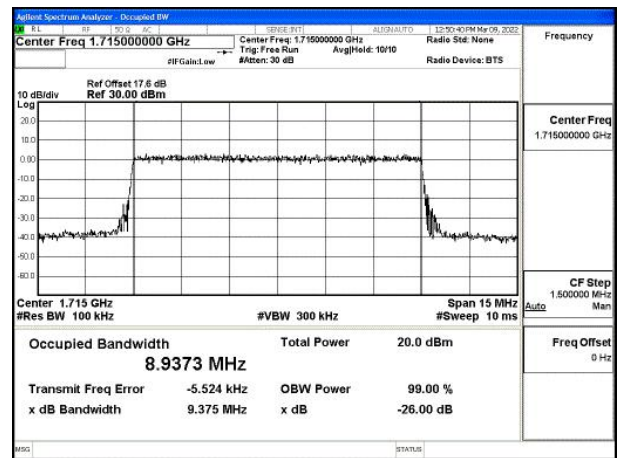


Fig.46

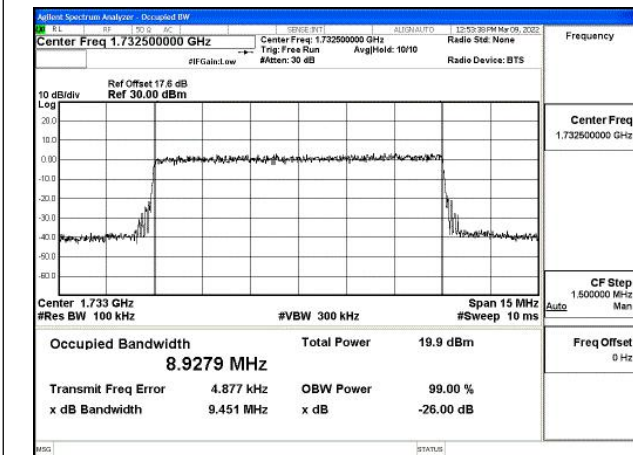


Fig.47

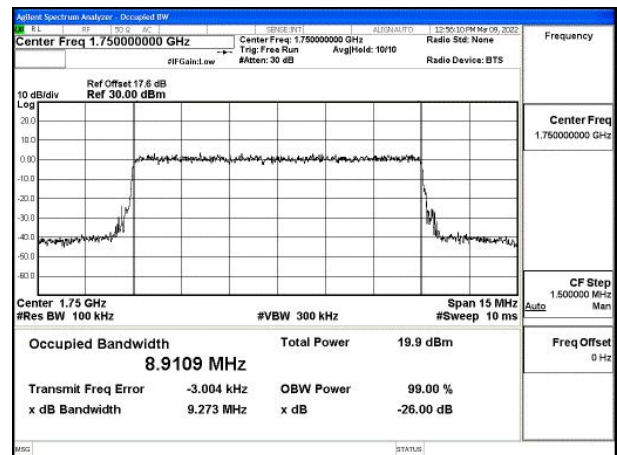


Fig.48

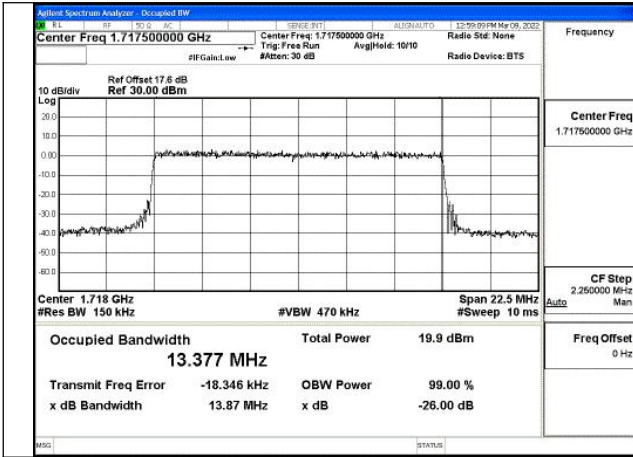


Fig.49

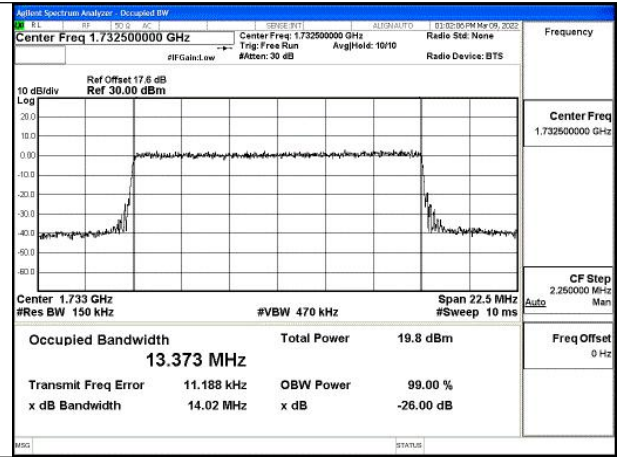


Fig.50

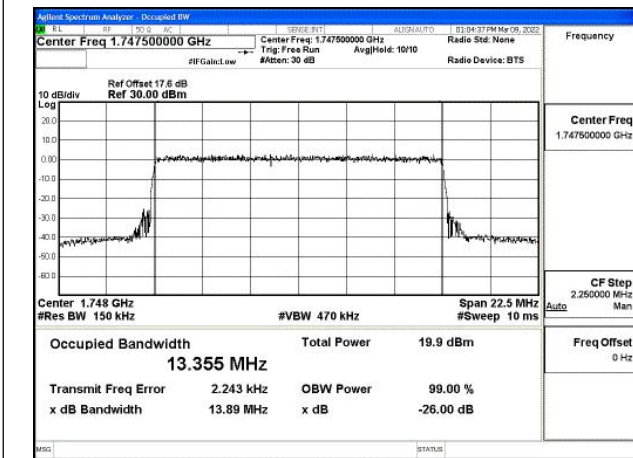


Fig.51

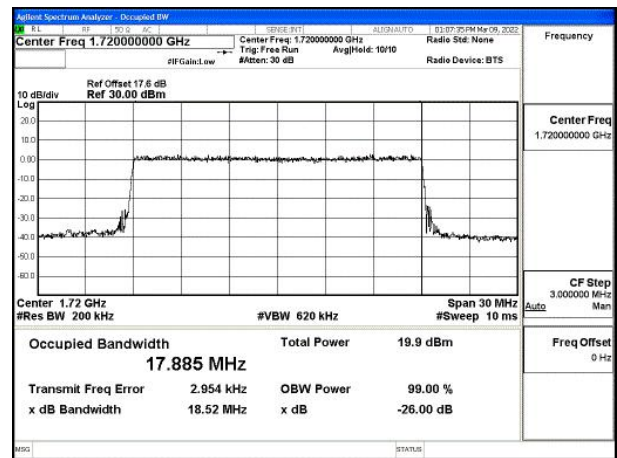


Fig.52

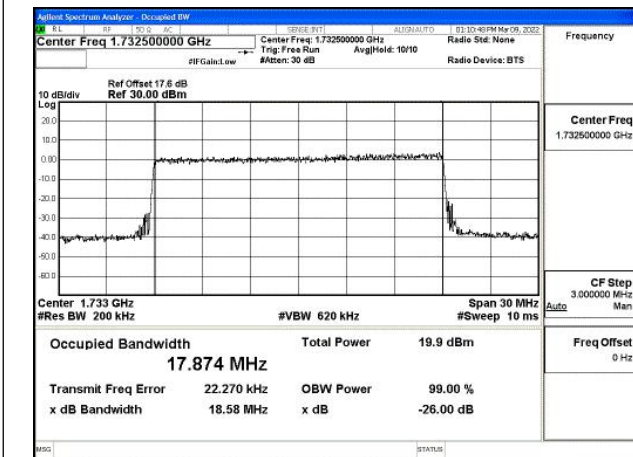


Fig.53

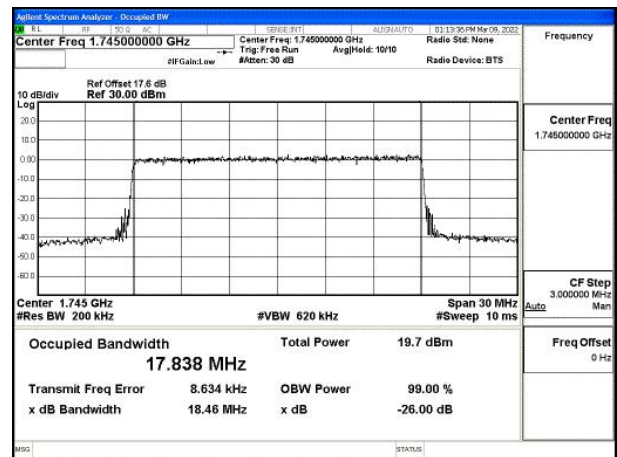


Fig.54

4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
4	1710.7	19957	1.4	1	5	Fig.1	Fig.2	Fig.3
4	1710.7	19957	1.4	6	0	Fig.4	Fig.5	Fig.6
4	1732.5	20175	1.4	1	5	Fig.7	Fig.8	Fig.9
4	1732.5	20175	1.4	6	0	Fig.10	Fig.11	Fig.12
4	1754.3	20393	1.4	1	5	Fig.13	Fig.14	Fig.15
4	1754.3	20393	1.4	6	0	Fig.16	Fig.17	Fig.18
4	1711.5	19965	3	1	14	Fig.19	Fig.20	Fig.21
4	1711.5	19965	3	15	0	Fig.22	Fig.23	Fig.24
4	1732.5	20175	3	1	14	Fig.25	Fig.26	Fig.27
4	1732.5	20175	3	15	0	Fig.28	Fig.29	Fig.30
4	1753.5	20385	3	1	14	Fig.31	Fig.32	Fig.33
4	1753.5	20385	3	15	0	Fig.34	Fig.35	Fig.36
4	1712.5	19975	5	1	24	Fig.37	Fig.38	Fig.39
4	1712.5	19975	5	25	0	Fig.40	Fig.41	Fig.42
4	1732.5	20175	5	1	24	Fig.43	Fig.44	Fig.45
4	1732.5	20175	5	25	0	Fig.46	Fig.47	Fig.48
4	1752.5	20375	5	1	24	Fig.49	Fig.50	Fig.51
4	1752.5	20375	5	25	0	Fig.52	Fig.53	Fig.54
4	1715	20000	10	1	49	Fig.55	Fig.56	Fig.57
4	1715	20000	10	50	0	Fig.58	Fig.59	Fig.60
4	1732.5	20175	10	1	49	Fig.61	Fig.62	Fig.63
4	1732.5	20175	10	50	0	Fig.64	Fig.65	Fig.66
4	1750	20350	10	1	49	Fig.67	Fig.68	Fig.69
4	1750	20350	10	50	0	Fig.70	Fig.71	Fig.72
4	1717.5	20025	15	1	74	Fig.73	Fig.74	Fig.75
4	1717.5	20025	15	75	0	Fig.76	Fig.77	Fig.78
4	1732.5	20175	15	1	74	Fig.79	Fig.80	Fig.81
4	1732.5	20175	15	75	0	Fig.82	Fig.83	Fig.84
4	1747.5	20325	15	1	74	Fig.85	Fig.86	Fig.87
4	1747.5	20325	15	75	0	Fig.88	Fig.89	Fig.90
4	1720	20050	20	1	99	Fig.91	Fig.92	Fig.93
4	1720	20050	20	100	0	Fig.94	Fig.95	Fig.96
4	1732.5	20175	20	1	99	Fig.97	Fig.98	Fig.99
4	1732.5	20175	20	100	0	Fig.100	Fig.101	Fig.102
4	1745	20300	20	1	99	Fig.103	Fig.104	Fig.105
4	1745	20300	20	100	0	Fig.106	Fig.107	Fig.108

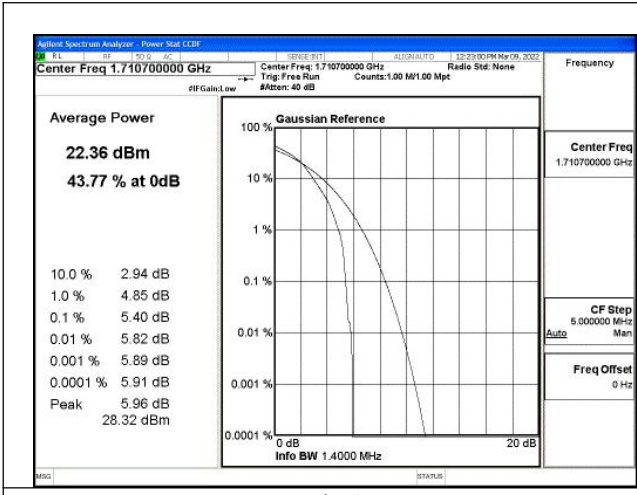


Fig.1

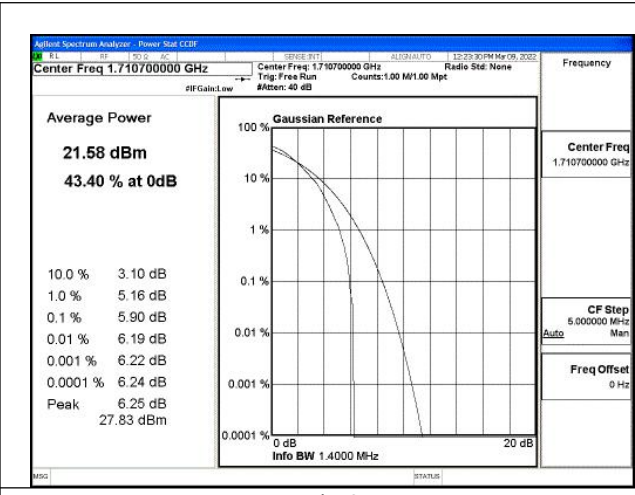


Fig.2

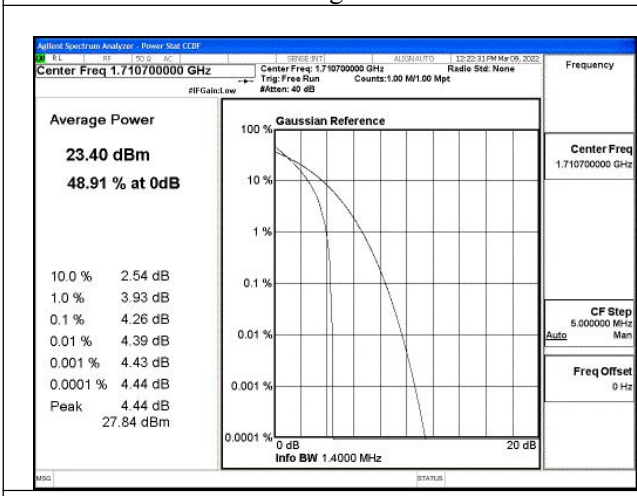


Fig.3

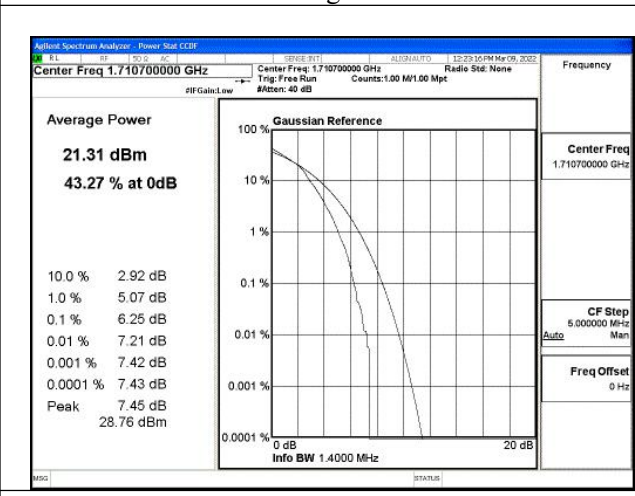


Fig.4

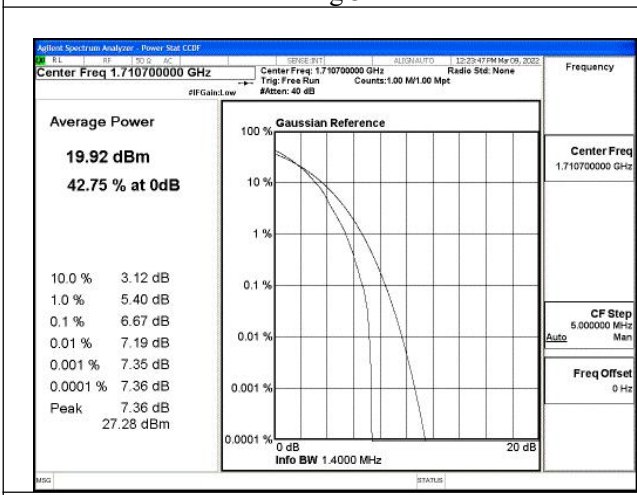


Fig.5

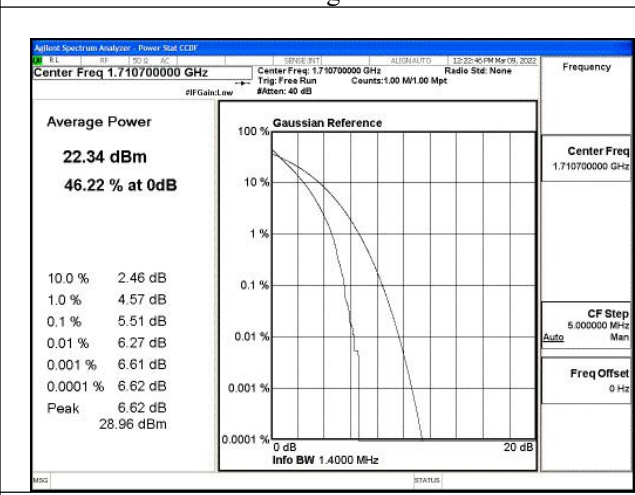


Fig.6

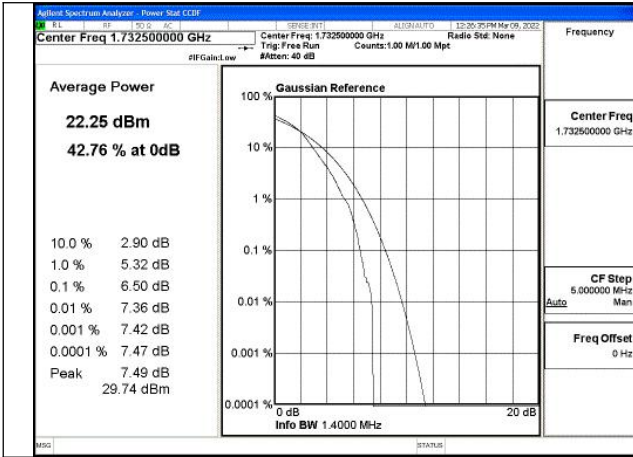


Fig.7

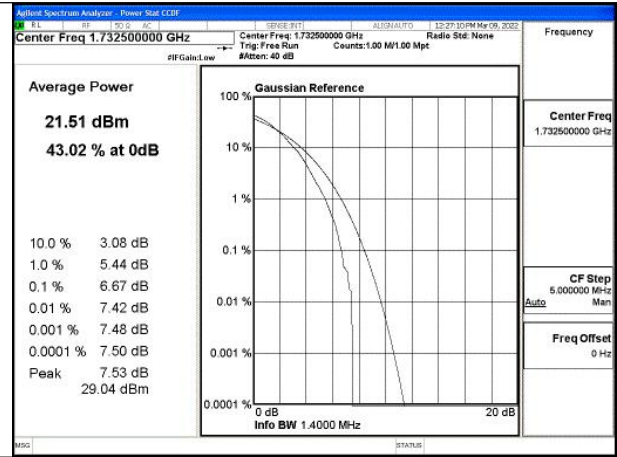


Fig.8

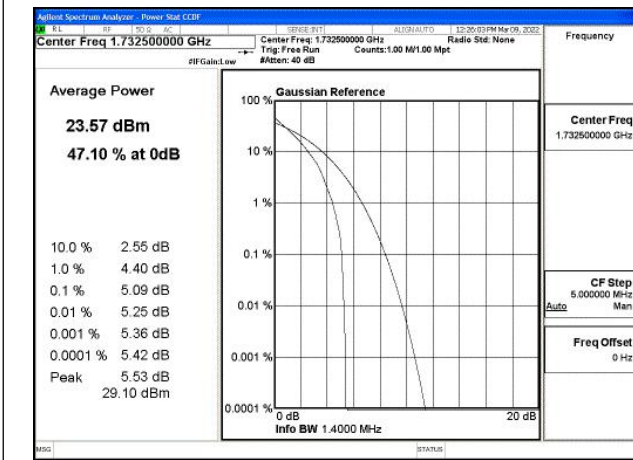


Fig.9

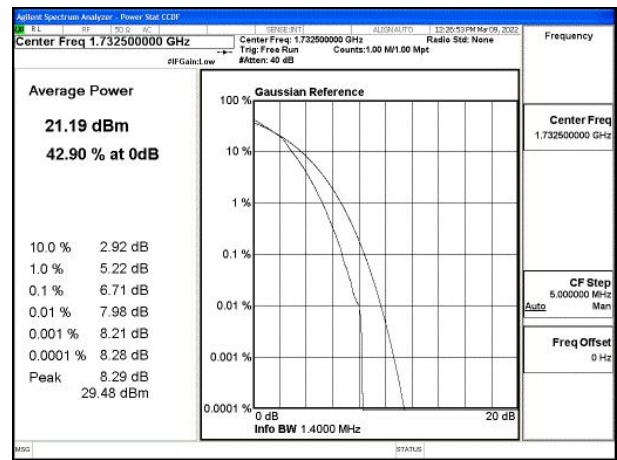


Fig.10

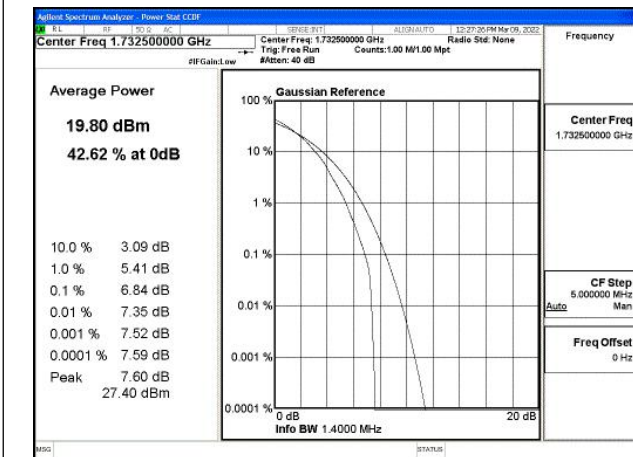


Fig.11

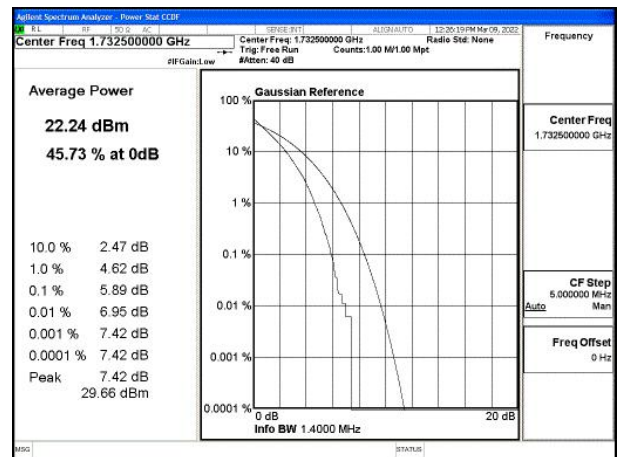


Fig.12