

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	22.66
16QAM	1710.7	19957	1.4	1	3	22.75
16QAM	1710.7	19957	1.4	1	5	22.67
16QAM	1710.7	19957	1.4	3	0	22.85
16QAM	1710.7	19957	1.4	3	1	22.81
16QAM	1710.7	19957	1.4	3	3	22.75
16QAM	1710.7	19957	1.4	6	0	21.70
16QAM	1732.5	20175	1.4	1	0	23.17
16QAM	1732.5	20175	1.4	1	3	23.16
16QAM	1732.5	20175	1.4	1	5	23.19
16QAM	1732.5	20175	1.4	3	0	22.60
16QAM	1732.5	20175	1.4	3	1	22.51
16QAM	1732.5	20175	1.4	3	3	22.63
16QAM	1732.5	20175	1.4	6	0	21.76
16QAM	1754.3	20393	1.4	1	0	22.77
16QAM	1754.3	20393	1.4	1	3	22.79
16QAM	1754.3	20393	1.4	1	5	22.79
16QAM	1754.3	20393	1.4	3	0	22.18
16QAM	1754.3	20393	1.4	3	1	22.25
16QAM	1754.3	20393	1.4	3	3	22.20
16QAM	1754.3	20393	1.4	6	0	21.61
64QAM	1710.7	19957	1.4	1	0	21.71
64QAM	1710.7	19957	1.4	1	3	21.62
64QAM	1710.7	19957	1.4	1	5	21.64
64QAM	1710.7	19957	1.4	3	0	21.73
64QAM	1710.7	19957	1.4	3	1	21.66
64QAM	1710.7	19957	1.4	3	3	21.75
64QAM	1710.7	19957	1.4	6	0	20.62
64QAM	1732.5	20175	1.4	1	0	21.16
64QAM	1732.5	20175	1.4	1	3	21.20
64QAM	1732.5	20175	1.4	1	5	21.21
64QAM	1732.5	20175	1.4	3	0	21.58
64QAM	1732.5	20175	1.4	3	1	21.53
64QAM	1732.5	20175	1.4	3	3	21.47
64QAM	1732.5	20175	1.4	6	0	20.59
64QAM	1754.3	20393	1.4	1	0	22.39
64QAM	1754.3	20393	1.4	1	3	22.46
64QAM	1754.3	20393	1.4	1	5	22.42
64QAM	1754.3	20393	1.4	3	0	21.93
64QAM	1754.3	20393	1.4	3	1	21.87
64QAM	1754.3	20393	1.4	3	3	21.83

64QAM	1754.3	20393	1.4	6	0	20.49
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Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1710.7	19957	1.4	1	0	23.03
QPSK	1710.7	19957	1.4	1	3	22.83
QPSK	1710.7	19957	1.4	1	5	22.84
QPSK	1710.7	19957	1.4	3	0	23.04
QPSK	1710.7	19957	1.4	3	1	22.97
QPSK	1710.7	19957	1.4	3	3	22.98
QPSK	1710.7	19957	1.4	6	0	22.45
QPSK	1732.5	20175	1.4	1	0	22.91
QPSK	1732.5	20175	1.4	1	3	23.04
QPSK	1732.5	20175	1.4	1	5	22.94
QPSK	1732.5	20175	1.4	3	0	23.01
QPSK	1732.5	20175	1.4	3	1	22.95
QPSK	1732.5	20175	1.4	3	3	22.90
QPSK	1732.5	20175	1.4	6	0	22.37
QPSK	1754.3	20393	1.4	1	0	23.31
QPSK	1754.3	20393	1.4	1	3	23.00
QPSK	1754.3	20393	1.4	1	5	22.98
QPSK	1754.3	20393	1.4	3	0	22.88
QPSK	1754.3	20393	1.4	3	1	22.94
QPSK	1754.3	20393	1.4	3	3	22.89
QPSK	1754.3	20393	1.4	6	0	22.42

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1711.5	19965	3	1	0	22.68
16QAM	1711.5	19965	3	1	8	22.65
16QAM	1711.5	19965	3	1	14	22.68
16QAM	1711.5	19965	3	8	0	21.58
16QAM	1711.5	19965	3	8	4	21.62
16QAM	1711.5	19965	3	8	7	21.64
16QAM	1711.5	19965	3	15	0	21.62
16QAM	1732.5	20175	3	1	0	23.26
16QAM	1732.5	20175	3	1	8	23.13
16QAM	1732.5	20175	3	1	14	23.15
16QAM	1732.5	20175	3	8	0	21.56
16QAM	1732.5	20175	3	8	4	21.57
16QAM	1732.5	20175	3	8	7	21.56
16QAM	1732.5	20175	3	15	0	21.62
16QAM	1753.5	20385	3	1	0	22.48
16QAM	1753.5	20385	3	1	8	22.49
16QAM	1753.5	20385	3	1	14	22.46
16QAM	1753.5	20385	3	8	0	21.45
16QAM	1753.5	20385	3	8	4	21.43
16QAM	1753.5	20385	3	8	7	21.48
16QAM	1753.5	20385	3	15	0	21.63
64QAM	1711.5	19965	3	1	0	22.23
64QAM	1711.5	19965	3	1	8	22.18
64QAM	1711.5	19965	3	1	14	22.21
64QAM	1711.5	19965	3	8	0	20.62
64QAM	1711.5	19965	3	8	4	20.66
64QAM	1711.5	19965	3	8	7	20.56
64QAM	1711.5	19965	3	15	0	20.64
64QAM	1732.5	20175	3	1	0	21.18
64QAM	1732.5	20175	3	1	8	21.19
64QAM	1732.5	20175	3	1	14	21.25
64QAM	1732.5	20175	3	8	0	20.43
64QAM	1732.5	20175	3	8	4	20.52
64QAM	1732.5	20175	3	8	7	20.52
64QAM	1732.5	20175	3	15	0	20.77
64QAM	1753.5	20385	3	1	0	23.17
64QAM	1753.5	20385	3	1	8	23.18
64QAM	1753.5	20385	3	1	14	23.18
64QAM	1753.5	20385	3	8	0	20.51
64QAM	1753.5	20385	3	8	4	20.42
64QAM	1753.5	20385	3	8	7	20.53
64QAM	1753.5	20385	3	15	0	20.62

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1711.5	19965	3	1	0	22.94
QPSK	1711.5	19965	3	1	8	23.00
QPSK	1711.5	19965	3	1	14	23.01
QPSK	1711.5	19965	3	8	0	22.42
QPSK	1711.5	19965	3	8	4	22.49
QPSK	1711.5	19965	3	8	7	22.47
QPSK	1711.5	19965	3	15	0	22.44
QPSK	1732.5	20175	3	1	0	22.97
QPSK	1732.5	20175	3	1	8	23.00
QPSK	1732.5	20175	3	1	14	23.04
QPSK	1732.5	20175	3	8	0	22.42
QPSK	1732.5	20175	3	8	4	22.40
QPSK	1732.5	20175	3	8	7	22.38
QPSK	1732.5	20175	3	15	0	22.33
QPSK	1753.5	20385	3	1	0	23.28
QPSK	1753.5	20385	3	1	8	23.30
QPSK	1753.5	20385	3	1	14	23.31
QPSK	1753.5	20385	3	8	0	22.40
QPSK	1753.5	20385	3	8	4	22.46
QPSK	1753.5	20385	3	8	7	22.42
QPSK	1753.5	20385	3	15	0	22.43

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1712.5	19975	5	1	0	22.03
16QAM	1712.5	19975	5	1	12	22.05
16QAM	1712.5	19975	5	1	24	22.00
16QAM	1712.5	19975	5	12	0	21.43
16QAM	1712.5	19975	5	12	7	21.48
16QAM	1712.5	19975	5	12	13	21.42
16QAM	1712.5	19975	5	25	0	21.59
16QAM	1732.5	20175	5	1	0	22.51
16QAM	1732.5	20175	5	1	12	22.49
16QAM	1732.5	20175	5	1	24	22.42
16QAM	1732.5	20175	5	12	0	21.11
16QAM	1732.5	20175	5	12	7	21.29
16QAM	1732.5	20175	5	12	13	21.29
16QAM	1732.5	20175	5	25	0	21.37
16QAM	1752.5	20375	5	1	0	22.11
16QAM	1752.5	20375	5	1	12	22.25
16QAM	1752.5	20375	5	1	24	22.14
16QAM	1752.5	20375	5	12	0	21.46
16QAM	1752.5	20375	5	12	7	21.46
16QAM	1752.5	20375	5	12	13	21.55
16QAM	1752.5	20375	5	25	0	21.56
64QAM	1712.5	19975	5	1	0	21.26
64QAM	1712.5	19975	5	1	12	21.11
64QAM	1712.5	19975	5	1	24	21.23
64QAM	1712.5	19975	5	12	0	20.59
64QAM	1712.5	19975	5	12	7	20.59
64QAM	1712.5	19975	5	12	13	20.62
64QAM	1712.5	19975	5	25	0	20.66
64QAM	1732.5	20175	5	1	0	21.48
64QAM	1732.5	20175	5	1	12	21.45
64QAM	1732.5	20175	5	1	24	21.57
64QAM	1732.5	20175	5	12	0	20.38
64QAM	1732.5	20175	5	12	7	20.37
64QAM	1732.5	20175	5	12	13	20.36
64QAM	1732.5	20175	5	25	0	20.60
64QAM	1752.5	20375	5	1	0	21.62
64QAM	1752.5	20375	5	1	12	21.60
64QAM	1752.5	20375	5	1	24	21.64
64QAM	1752.5	20375	5	12	0	20.45
64QAM	1752.5	20375	5	12	7	20.48
64QAM	1752.5	20375	5	12	13	20.50
64QAM	1752.5	20375	5	25	0	20.63

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1712.5	19975	5	1	0	23.09
QPSK	1712.5	19975	5	1	12	23.07
QPSK	1712.5	19975	5	1	24	23.04
QPSK	1712.5	19975	5	12	0	22.48
QPSK	1712.5	19975	5	12	7	22.38
QPSK	1712.5	19975	5	12	13	22.41
QPSK	1712.5	19975	5	25	0	22.38
QPSK	1732.5	20175	5	1	0	22.70
QPSK	1732.5	20175	5	1	12	22.71
QPSK	1732.5	20175	5	1	24	22.65
QPSK	1732.5	20175	5	12	0	22.44
QPSK	1732.5	20175	5	12	7	22.26
QPSK	1732.5	20175	5	12	13	22.32
QPSK	1732.5	20175	5	25	0	22.40
QPSK	1752.5	20375	5	1	0	23.24
QPSK	1752.5	20375	5	1	12	23.13
QPSK	1752.5	20375	5	1	24	23.22
QPSK	1752.5	20375	5	12	0	22.43
QPSK	1752.5	20375	5	12	7	22.46
QPSK	1752.5	20375	5	12	13	22.49
QPSK	1752.5	20375	5	25	0	22.48

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1715	20000	10	1	0	23.61
16QAM	1715	20000	10	1	25	23.48
16QAM	1715	20000	10	1	49	23.40
16QAM	1715	20000	10	25	0	21.63
16QAM	1715	20000	10	25	12	21.61
16QAM	1715	20000	10	25	25	21.63
16QAM	1715	20000	10	50	0	21.60
16QAM	1732.5	20175	10	1	0	22.94
16QAM	1732.5	20175	10	1	25	22.92
16QAM	1732.5	20175	10	1	49	22.92
16QAM	1732.5	20175	10	25	0	21.57
16QAM	1732.5	20175	10	25	12	21.53
16QAM	1732.5	20175	10	25	25	21.59
16QAM	1732.5	20175	10	50	0	21.58
16QAM	1750	20350	10	1	0	22.70
16QAM	1750	20350	10	1	25	22.82
16QAM	1750	20350	10	1	49	22.76
16QAM	1750	20350	10	25	0	21.64
16QAM	1750	20350	10	25	12	21.63
16QAM	1750	20350	10	25	25	21.67
16QAM	1750	20350	10	50	0	21.70
64QAM	1715	20000	10	1	0	22.24
64QAM	1715	20000	10	1	25	22.15
64QAM	1715	20000	10	1	49	22.17
64QAM	1715	20000	10	25	0	20.63
64QAM	1715	20000	10	25	12	20.57
64QAM	1715	20000	10	25	25	20.61
64QAM	1715	20000	10	50	0	20.64
64QAM	1732.5	20175	10	1	0	21.24
64QAM	1732.5	20175	10	1	25	21.26
64QAM	1732.5	20175	10	1	49	21.25
64QAM	1732.5	20175	10	25	0	20.65
64QAM	1732.5	20175	10	25	12	20.57
64QAM	1732.5	20175	10	25	25	20.67
64QAM	1732.5	20175	10	50	0	20.49
64QAM	1750	20350	10	1	0	22.09
64QAM	1750	20350	10	1	25	22.05
64QAM	1750	20350	10	1	49	22.03
64QAM	1750	20350	10	25	0	20.61
64QAM	1750	20350	10	25	12	20.57
64QAM	1750	20350	10	25	25	20.60
64QAM	1750	20350	10	50	0	20.70

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1715	20000	10	1	0	23.08
QPSK	1715	20000	10	1	25	22.97
QPSK	1715	20000	10	1	49	22.95
QPSK	1715	20000	10	25	0	22.40
QPSK	1715	20000	10	25	12	22.50
QPSK	1715	20000	10	25	25	22.39
QPSK	1715	20000	10	50	0	22.46
QPSK	1732.5	20175	10	1	0	23.02
QPSK	1732.5	20175	10	1	25	23.16
QPSK	1732.5	20175	10	1	49	23.14
QPSK	1732.5	20175	10	25	0	22.46
QPSK	1732.5	20175	10	25	12	22.38
QPSK	1732.5	20175	10	25	25	22.40
QPSK	1732.5	20175	10	50	0	22.42
QPSK	1750	20350	10	1	0	22.89
QPSK	1750	20350	10	1	25	22.94
QPSK	1750	20350	10	1	49	22.93
QPSK	1750	20350	10	25	0	22.51
QPSK	1750	20350	10	25	12	22.50
QPSK	1750	20350	10	25	25	22.52
QPSK	1750	20350	10	50	0	22.39

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1717.5	20025	15	1	0	23.58
16QAM	1717.5	20025	15	1	37	23.41
16QAM	1717.5	20025	15	1	74	23.43
16QAM	1717.5	20025	15	36	0	21.60
16QAM	1717.5	20025	15	36	29	21.56
16QAM	1717.5	20025	15	36	30	21.56
16QAM	1717.5	20025	15	75	0	21.61
16QAM	1732.5	20175	15	1	0	21.05
16QAM	1732.5	20175	15	1	37	21.31
16QAM	1732.5	20175	15	1	74	22.22
16QAM	1732.5	20175	15	36	0	20.23
16QAM	1732.5	20175	15	36	29	20.63
16QAM	1732.5	20175	15	36	30	20.66
16QAM	1732.5	20175	15	75	0	20.56
16QAM	1747.5	20325	15	1	0	22.98
16QAM	1747.5	20325	15	1	37	22.98
16QAM	1747.5	20325	15	1	74	23.07
16QAM	1747.5	20325	15	36	0	21.67
16QAM	1747.5	20325	15	36	29	21.70
16QAM	1747.5	20325	15	36	30	21.71
16QAM	1747.5	20325	15	75	0	21.63
64QAM	1717.5	20025	15	1	0	22.24
64QAM	1717.5	20025	15	1	37	22.16
64QAM	1717.5	20025	15	1	74	22.12
64QAM	1717.5	20025	15	36	0	20.53
64QAM	1717.5	20025	15	36	29	20.50
64QAM	1717.5	20025	15	36	30	20.50
64QAM	1717.5	20025	15	75	0	20.59
64QAM	1732.5	20175	15	1	0	20.77
64QAM	1732.5	20175	15	1	37	20.97
64QAM	1732.5	20175	15	1	74	21.70
64QAM	1732.5	20175	15	36	0	19.14
64QAM	1732.5	20175	15	36	29	19.58
64QAM	1732.5	20175	15	36	30	19.61
64QAM	1732.5	20175	15	75	0	19.46
64QAM	1747.5	20325	15	1	0	21.27
64QAM	1747.5	20325	15	1	37	21.36
64QAM	1747.5	20325	15	1	74	21.41
64QAM	1747.5	20325	15	36	0	20.64
64QAM	1747.5	20325	15	36	29	20.70
64QAM	1747.5	20325	15	36	30	20.68
64QAM	1747.5	20325	15	75	0	20.73

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1717.5	20025	15	1	0	23.05
QPSK	1717.5	20025	15	1	37	22.99
QPSK	1717.5	20025	15	1	74	22.94
QPSK	1717.5	20025	15	36	0	22.48
QPSK	1717.5	20025	15	36	29	22.41
QPSK	1717.5	20025	15	36	30	22.40
QPSK	1717.5	20025	15	75	0	22.46
QPSK	1732.5	20175	15	1	0	22.96
QPSK	1732.5	20175	15	1	37	22.96
QPSK	1732.5	20175	15	1	74	23.00
QPSK	1732.5	20175	15	36	0	22.64
QPSK	1732.5	20175	15	36	29	22.55
QPSK	1732.5	20175	15	36	30	22.56
QPSK	1732.5	20175	15	75	0	22.47
QPSK	1747.5	20325	15	1	0	23.00
QPSK	1747.5	20325	15	1	37	23.07
QPSK	1747.5	20325	15	1	74	23.08
QPSK	1747.5	20325	15	36	0	22.19
QPSK	1747.5	20325	15	36	29	22.48
QPSK	1747.5	20325	15	36	30	22.63
QPSK	1747.5	20325	15	75	0	22.51

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1732.5	20175	20	1	0	23.07
16QAM	1732.5	20175	20	1	49	23.11
16QAM	1732.5	20175	20	1	99	23.08
16QAM	1732.5	20175	20	50	0	21.69
16QAM	1732.5	20175	20	50	24	21.57
16QAM	1732.5	20175	20	50	50	21.59
16QAM	1732.5	20175	20	100	0	21.49
16QAM	1745	20300	20	1	0	22.54
16QAM	1745	20300	20	1	49	22.57
16QAM	1745	20300	20	1	99	22.60
16QAM	1745	20300	20	50	0	21.55
16QAM	1745	20300	20	50	24	21.58
16QAM	1745	20300	20	50	50	21.53
16QAM	1745	20300	20	100	0	21.54
16QAM	1720	20050	20	1	0	22.78
16QAM	1720	20050	20	1	49	22.70
16QAM	1720	20050	20	1	99	22.80
16QAM	1720	20050	20	50	0	21.42
16QAM	1720	20050	20	50	24	21.30
16QAM	1720	20050	20	50	50	21.44
16QAM	1720	20050	20	100	0	21.52
64QAM	1732.5	20175	20	1	0	22.68
64QAM	1732.5	20175	20	1	49	22.64
64QAM	1732.5	20175	20	1	99	22.67
64QAM	1732.5	20175	20	50	0	20.75
64QAM	1732.5	20175	20	50	24	20.61
64QAM	1732.5	20175	20	50	50	20.58
64QAM	1732.5	20175	20	100	0	20.67
64QAM	1745	20300	20	1	0	22.15
64QAM	1745	20300	20	1	49	22.14
64QAM	1745	20300	20	1	99	22.14
64QAM	1745	20300	20	50	0	20.45
64QAM	1745	20300	20	50	24	20.46
64QAM	1745	20300	20	50	50	20.53
64QAM	1745	20300	20	100	0	20.63
64QAM	1720	20050	20	1	0	22.44
64QAM	1720	20050	20	1	49	22.52
64QAM	1720	20050	20	1	99	22.71
64QAM	1720	20050	20	50	0	20.45
64QAM	1720	20050	20	50	24	20.61
64QAM	1720	20050	20	50	50	20.61
64QAM	1720	20050	20	100	0	20.48

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1732.5	20175	20	1	0	22.83
QPSK	1732.5	20175	20	1	49	22.91
QPSK	1732.5	20175	20	1	99	22.87
QPSK	1732.5	20175	20	50	0	22.49
QPSK	1732.5	20175	20	50	24	22.35
QPSK	1732.5	20175	20	50	50	22.41
QPSK	1732.5	20175	20	100	0	22.50
QPSK	1745	20300	20	1	0	22.94
QPSK	1745	20300	20	1	49	22.96
QPSK	1745	20300	20	1	99	22.95
QPSK	1745	20300	20	50	0	22.36
QPSK	1745	20300	20	50	24	22.34
QPSK	1745	20300	20	50	50	22.49
QPSK	1745	20300	20	100	0	22.43
QPSK	1720	20050	20	1	0	22.76
QPSK	1720	20050	20	1	49	22.83
QPSK	1720	20050	20	1	99	22.93
QPSK	1720	20050	20	50	0	22.19
QPSK	1720	20050	20	50	24	22.31
QPSK	1720	20050	20	50	50	22.36
QPSK	1720	20050	20	100	0	22.38

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	1.080	Fig.1
4	QPSK	1732.5	20175	1.4	6	0	1.080	Fig.2
4	QPSK	1754.3	20393	1.4	6	0	1.070	Fig.3
4	QPSK	1711.5	19965	3	15	0	2.670	Fig.4
4	QPSK	1732.5	20175	3	15	0	2.680	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	4.450	Fig.9
4	QPSK	1715	20000	10	50	0	8.910	Fig.10
4	QPSK	1732.5	20175	10	50	0	8.930	Fig.11
4	QPSK	1750	20350	10	50	0	8.910	Fig.12
4	QPSK	1717.5	20025	15	75	0	13.400	Fig.13
4	QPSK	1732.5	20175	15	75	0	13.390	Fig.14
4	QPSK	1747.5	20325	15	75	0	13.380	Fig.15
4	QPSK	1720	20050	20	100	0	17.850	Fig.16
4	QPSK	1732.5	20175	20	100	0	17.860	Fig.17
4	QPSK	1745	20300	20	100	0	17.850	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	1.070	Fig.20
4	16QAM	1754.3	20393	1.4	6	0	1.070	Fig.21
4	16QAM	1711.5	19965	3	15	0	2.680	Fig.22
4	16QAM	1732.5	20175	3	15	0	2.680	Fig.23
4	16QAM	1753.5	20385	3	15	0	2.680	Fig.24
4	16QAM	1712.5	19975	5	25	0	4.470	Fig.25
4	16QAM	1732.5	20175	5	25	0	4.450	Fig.26
4	16QAM	1752.5	20375	5	25	0	4.450	Fig.27
4	16QAM	1715	20000	10	50	0	8.910	Fig.28
4	16QAM	1732.5	20175	10	50	0	8.890	Fig.29
4	16QAM	1750	20350	10	50	0	8.930	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	13.370	Fig.33
4	16QAM	1720	20050	20	100	0	17.860	Fig.34
4	16QAM	1732.5	20175	20	100	0	17.850	Fig.35
4	16QAM	1745	20300	20	100	0	17.820	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	1.070	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	2.670	Fig.40
4	64QAM	1732.5	20175	3	15	0	2.670	Fig.41
4	64QAM	1753.5	20385	3	15	0	2.680	Fig.42
4	64QAM	1712.5	19975	5	25	0	4.460	Fig.43
4	64QAM	1732.5	20175	5	25	0	4.470	Fig.44
4	64QAM	1752.5	20375	5	25	0	4.460	Fig.45
4	64QAM	1715	20000	10	50	0	8.930	Fig.46
4	64QAM	1732.5	20175	10	50	0	8.910	Fig.47
4	64QAM	1750	20350	10	50	0	8.930	Fig.48
4	64QAM	1717.5	20025	15	75	0	13.350	Fig.49
4	64QAM	1732.5	20175	15	75	0	13.370	Fig.50
4	64QAM	1747.5	20325	15	75	0	13.370	Fig.51
4	64QAM	1720	20050	20	100	0	17.870	Fig.52
4	64QAM	1732.5	20175	20	100	0	17.820	Fig.53
4	64QAM	1745	20300	20	100	0	17.860	Fig.54

Test Mode: QPSK

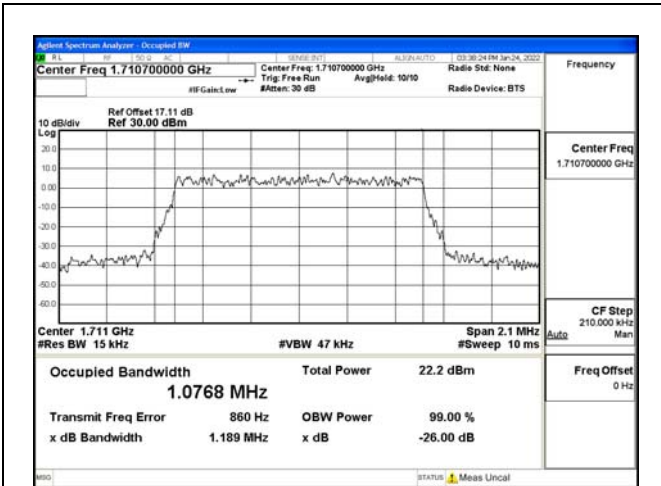


Fig.1

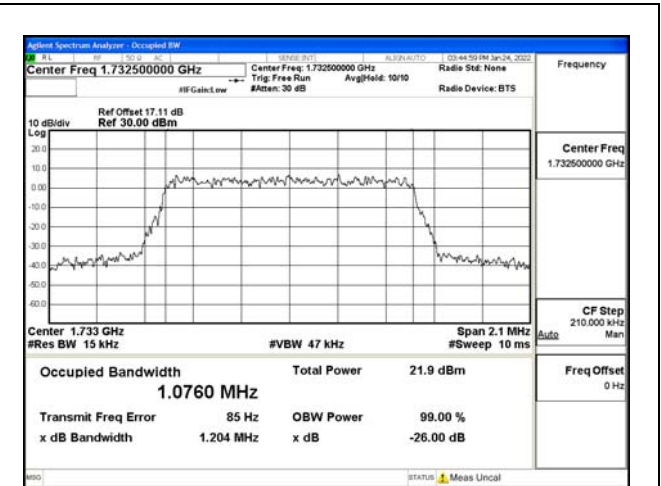


Fig.2

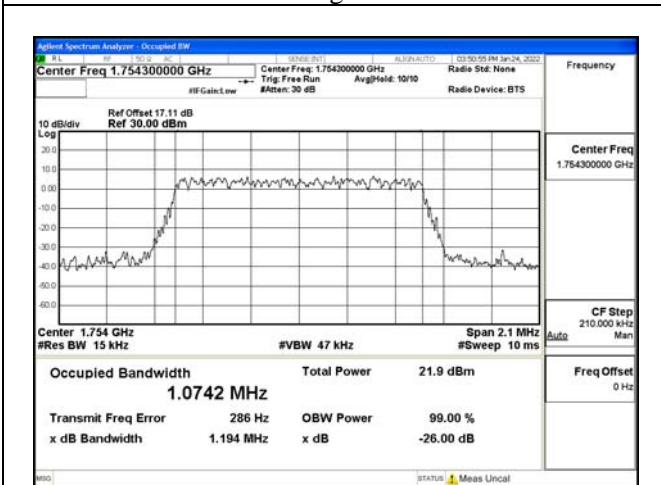


Fig.3

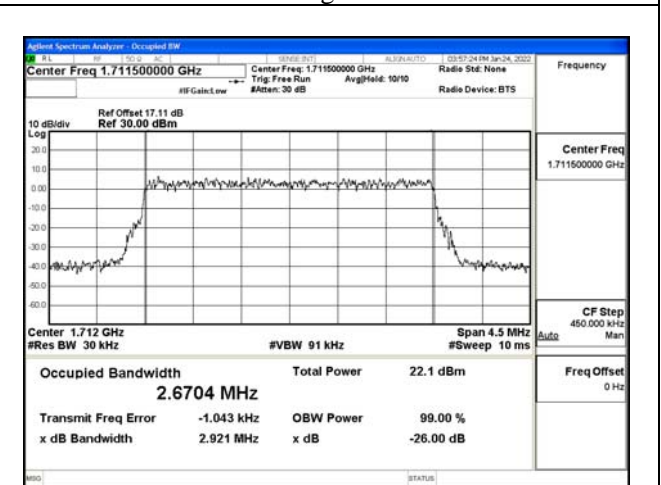


Fig.4

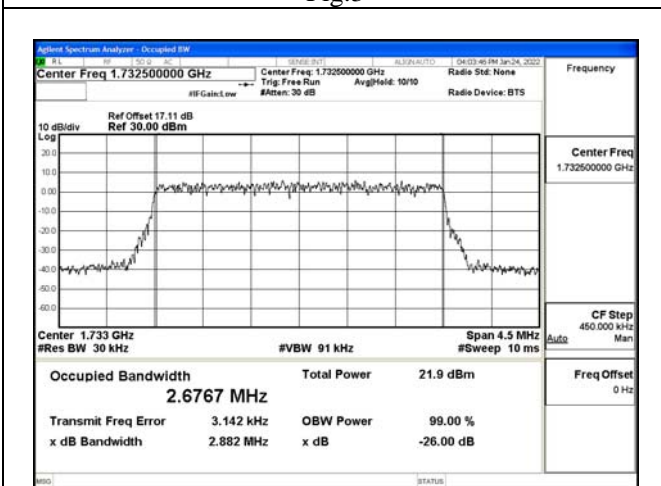


Fig.5

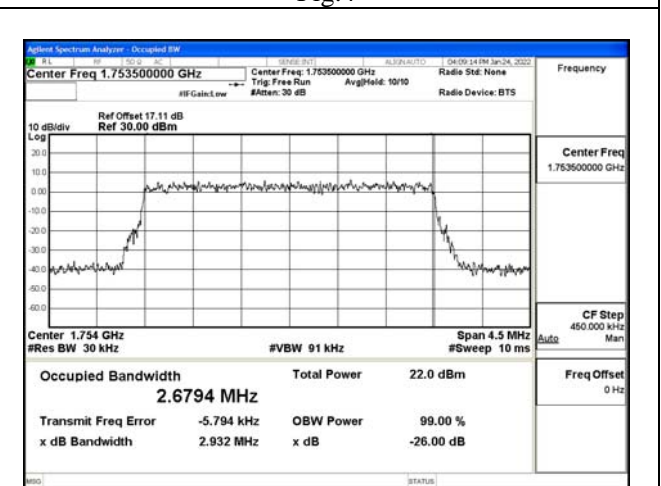


Fig.6

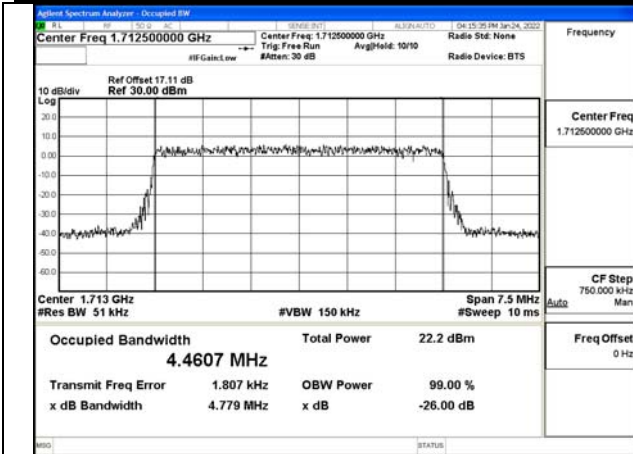


Fig.7

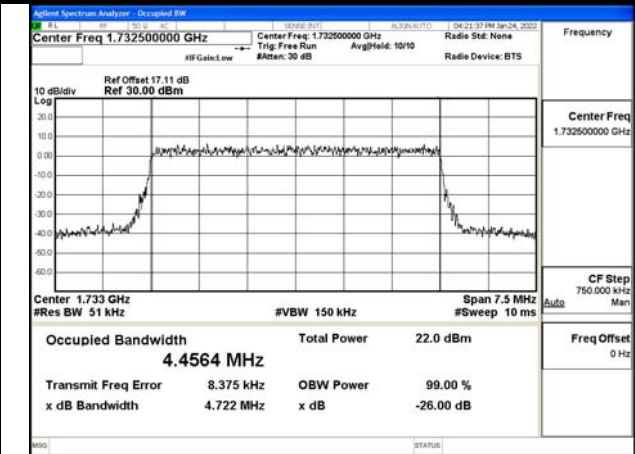


Fig.8

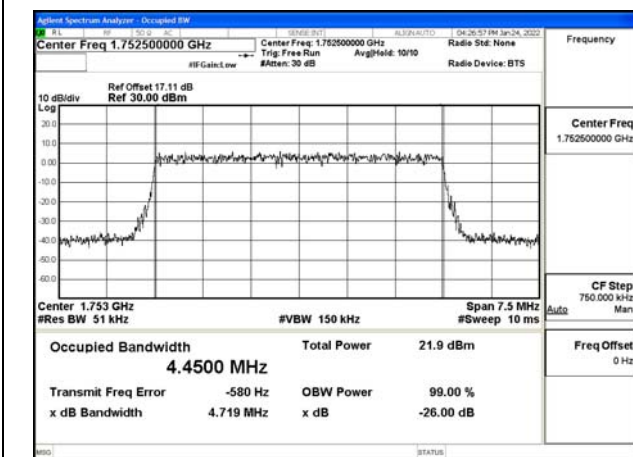


Fig.9

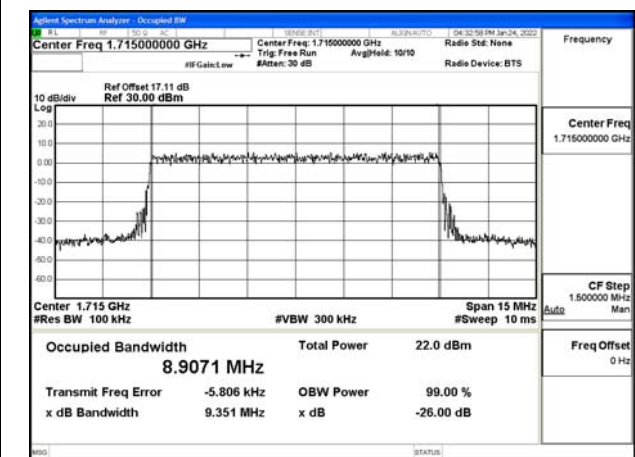


Fig.10

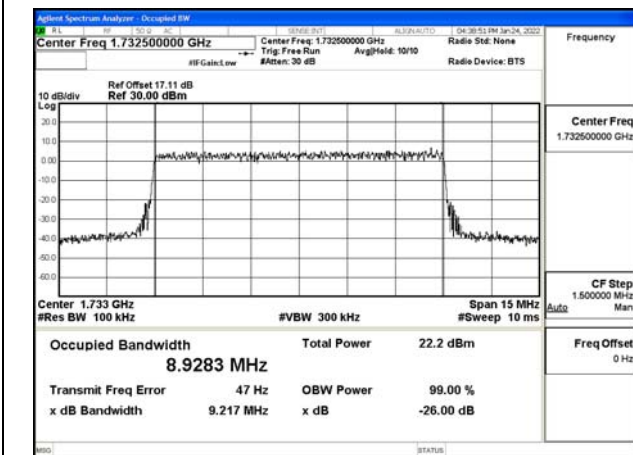


Fig.11

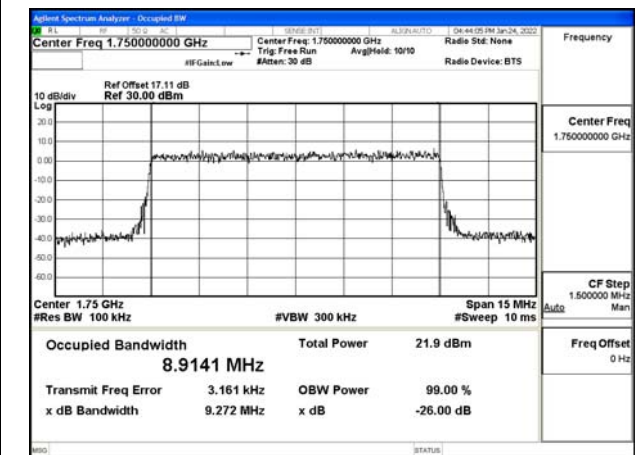


Fig.12

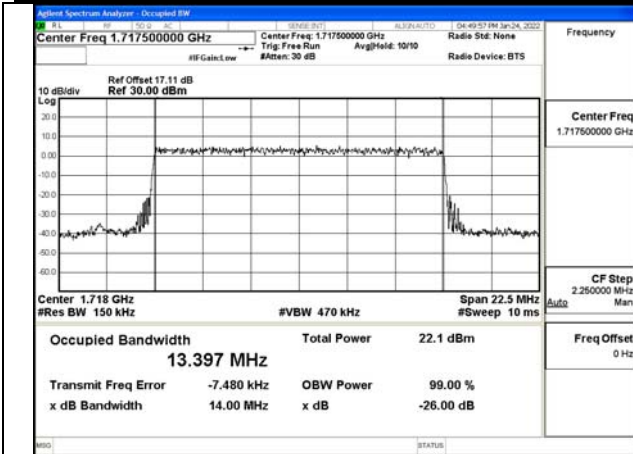


Fig.13

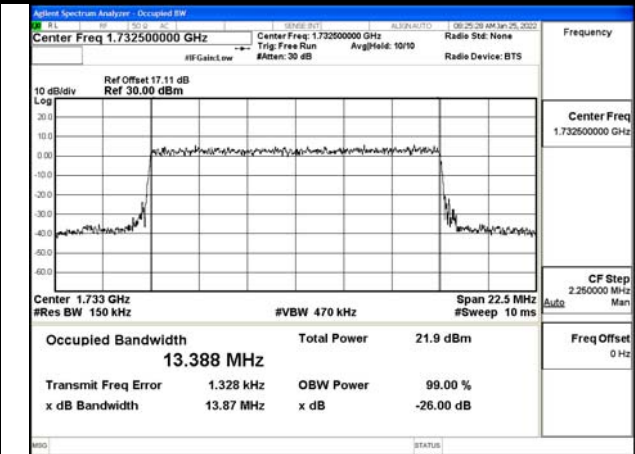


Fig.14

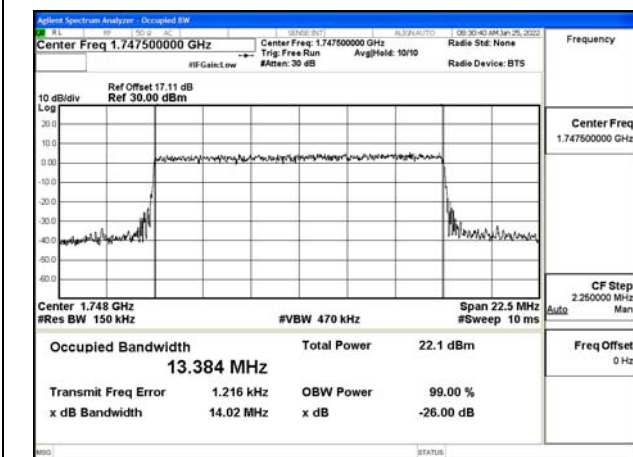


Fig.15

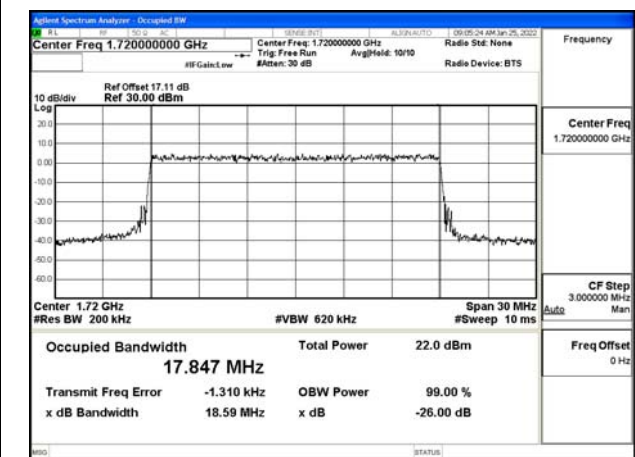


Fig.16

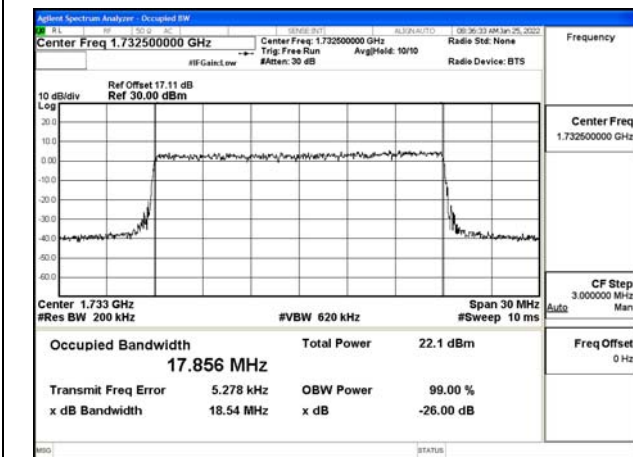


Fig.17

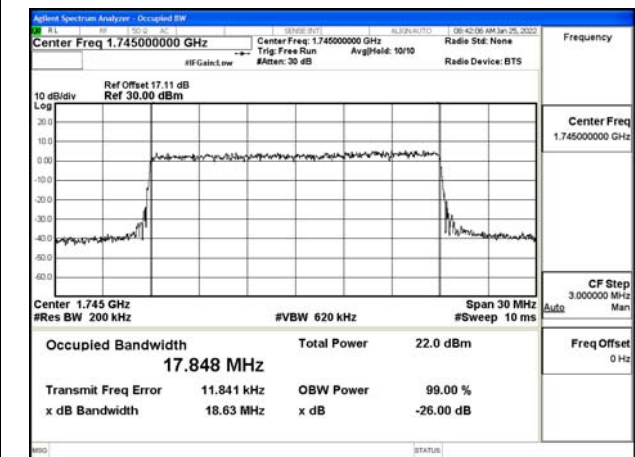


Fig.18

Test Mode: 16QAM

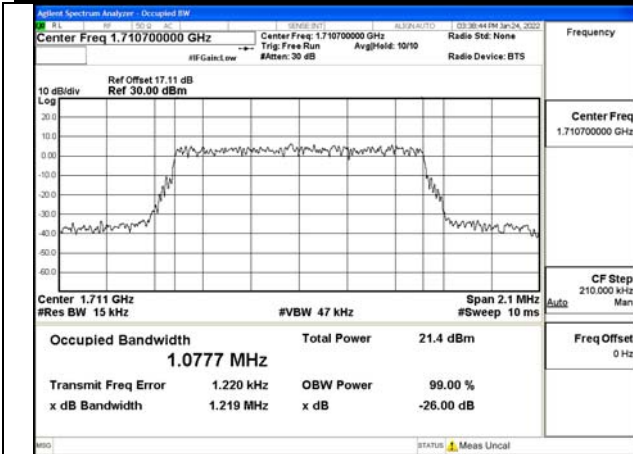


Fig.19

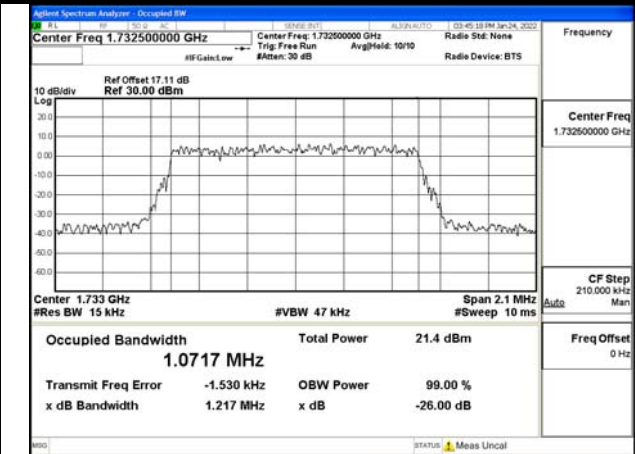


Fig.20

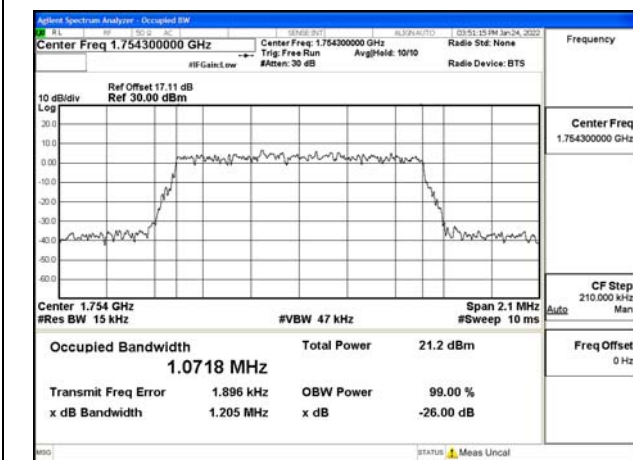


Fig.21

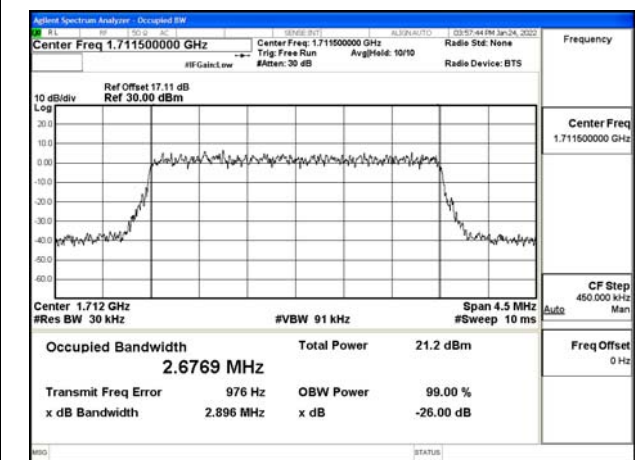


Fig.22

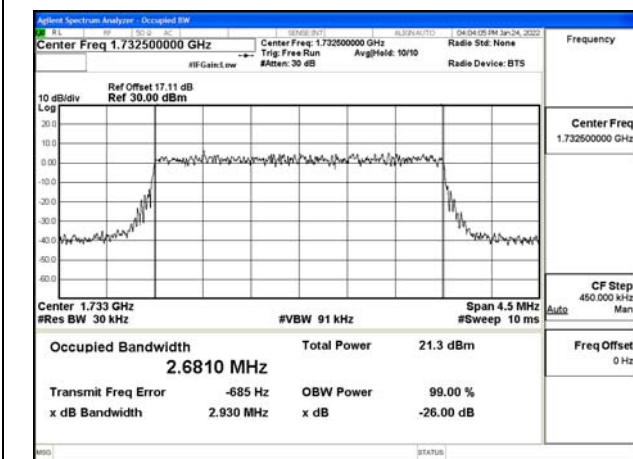


Fig.23

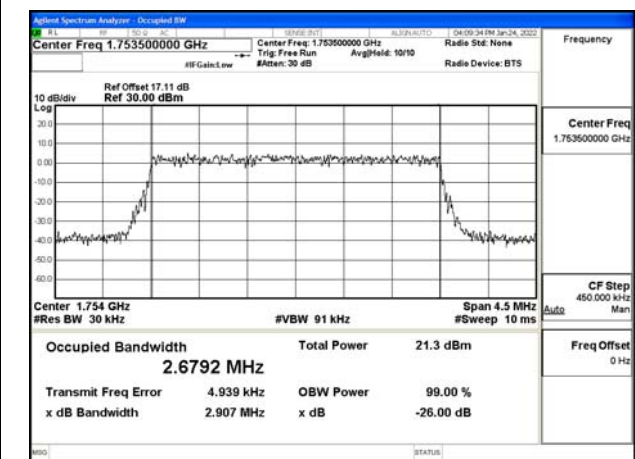


Fig.24

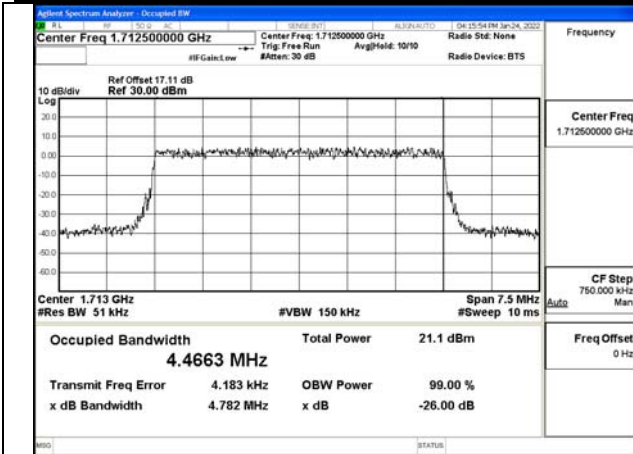


Fig.25

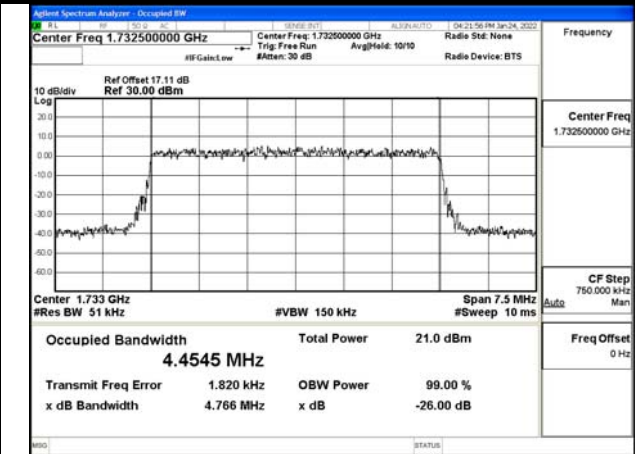


Fig.26

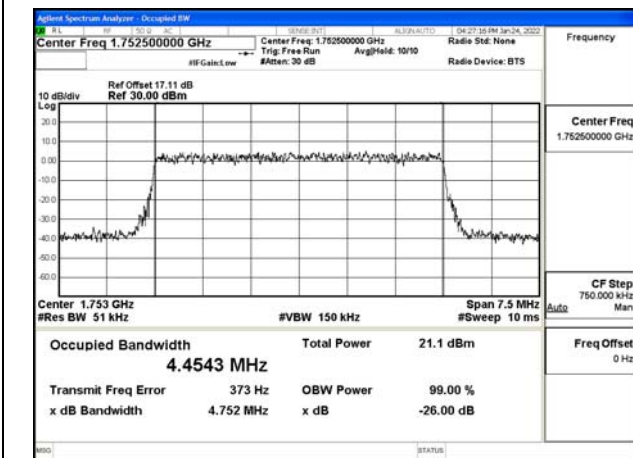


Fig.27

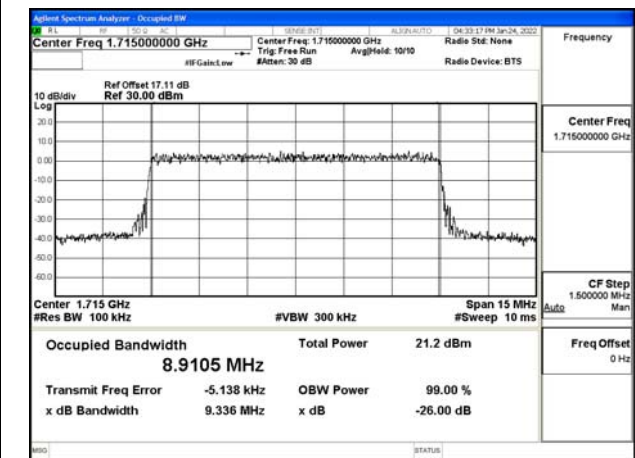


Fig.28

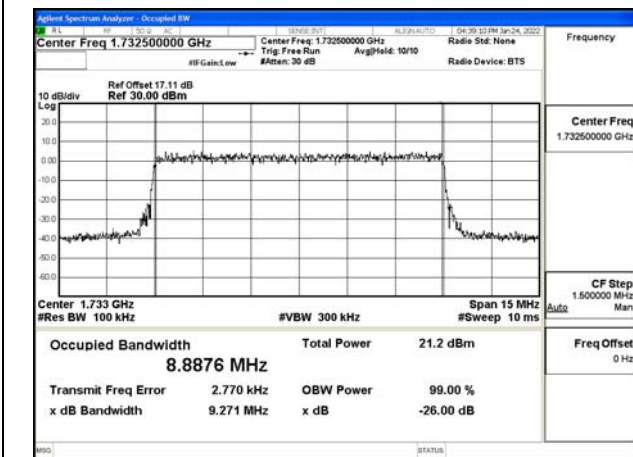


Fig.29

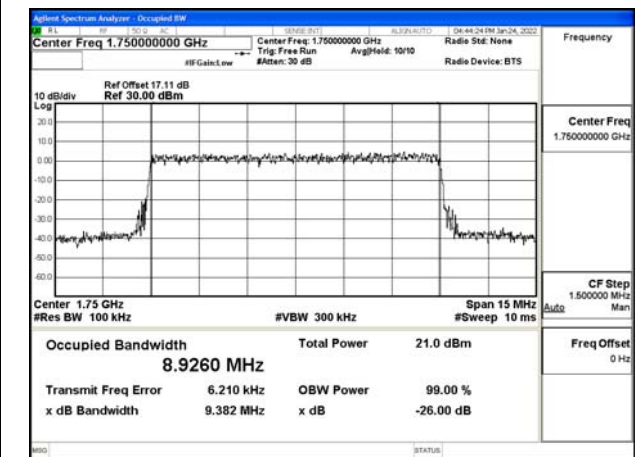


Fig.30

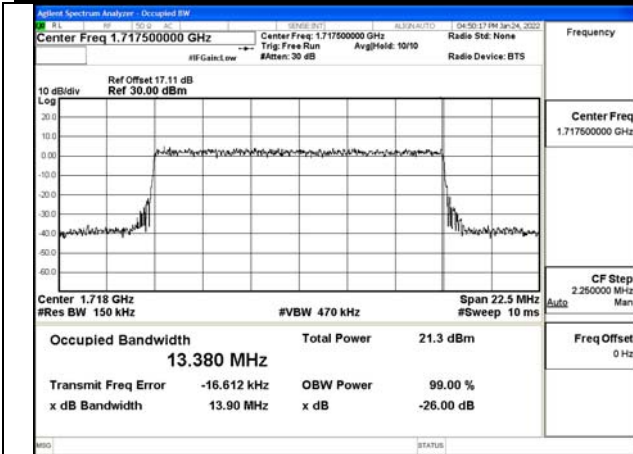


Fig.31

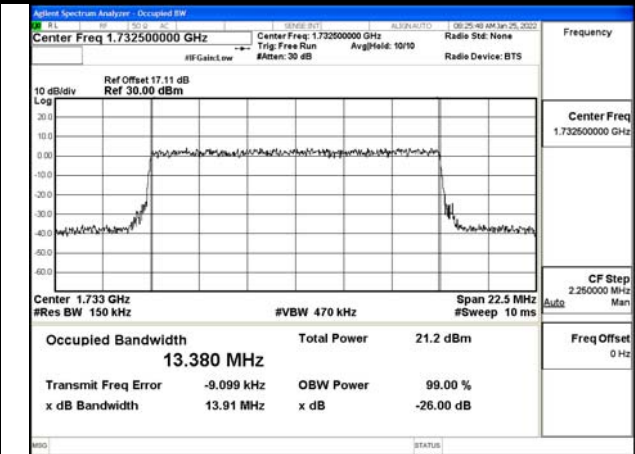


Fig.32

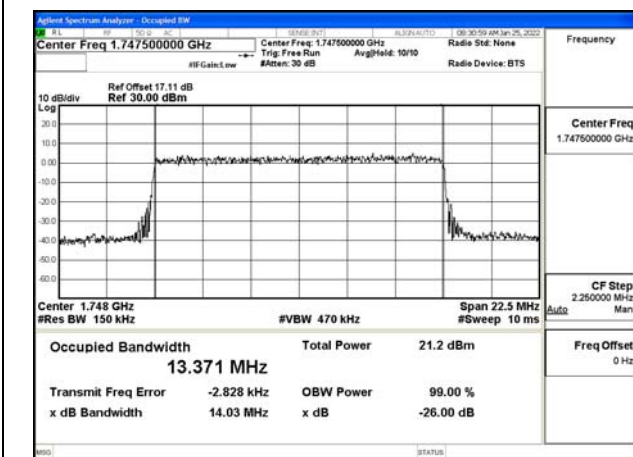


Fig.33

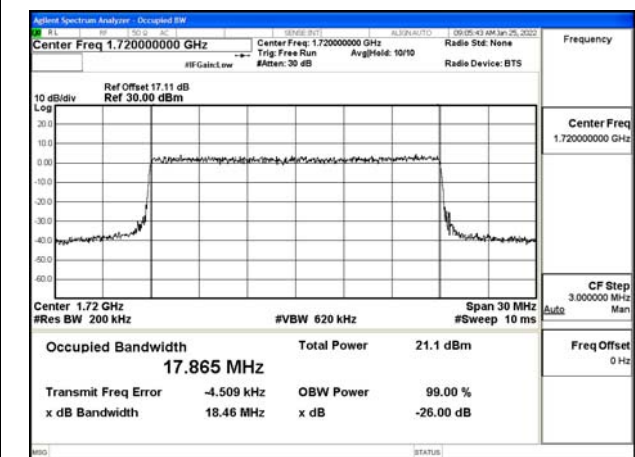


Fig.34

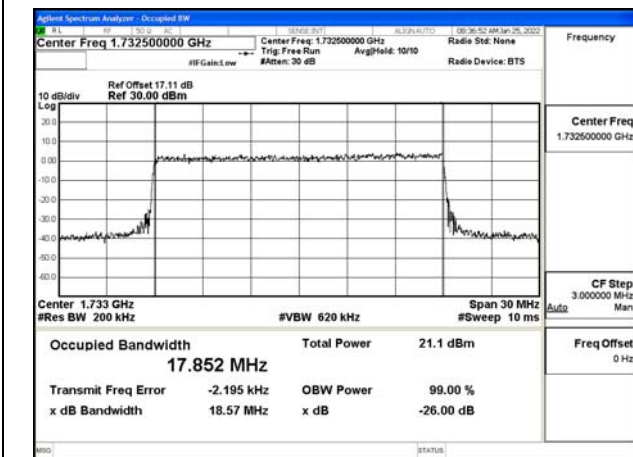


Fig.35

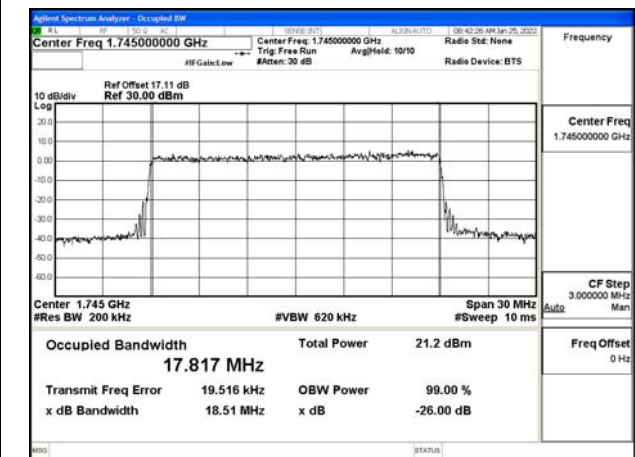


Fig.36

Test Mode: 64QAM

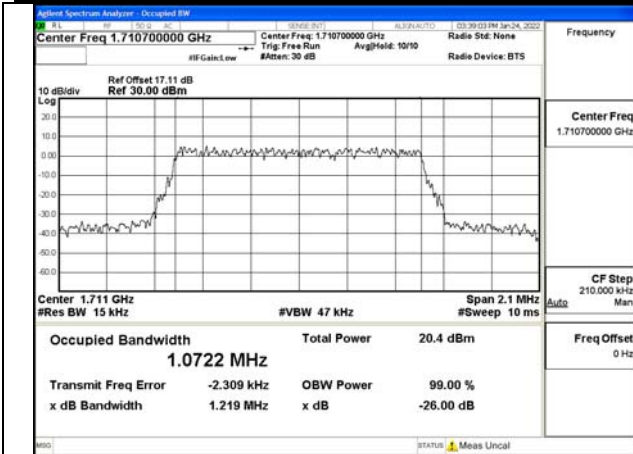


Fig.37

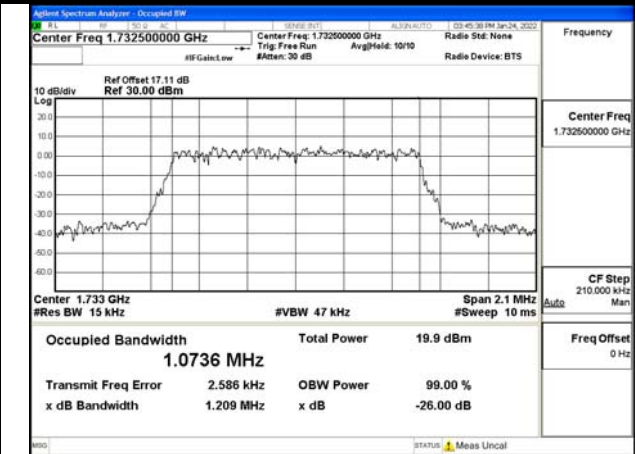


Fig.38

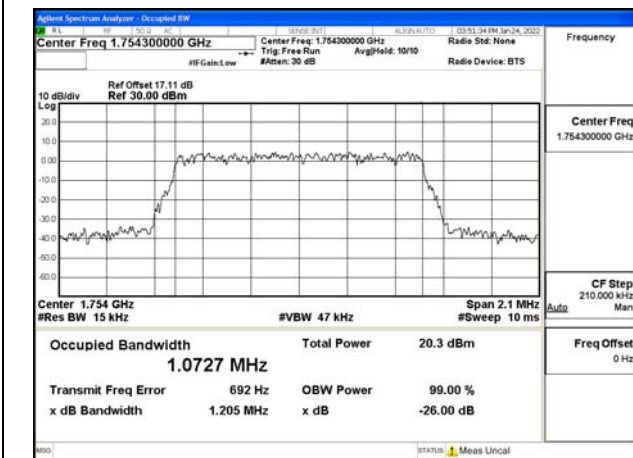


Fig.39

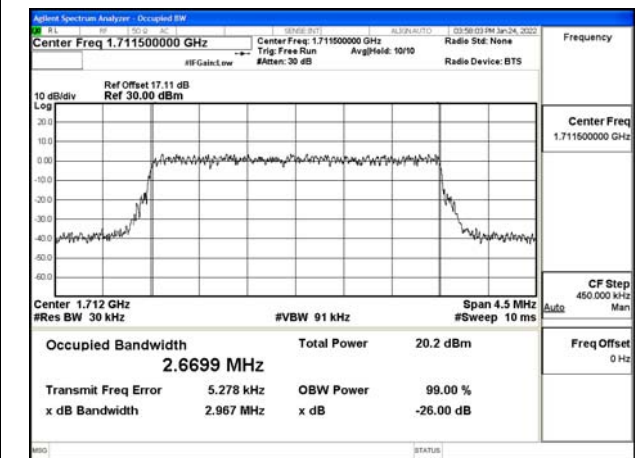


Fig.40

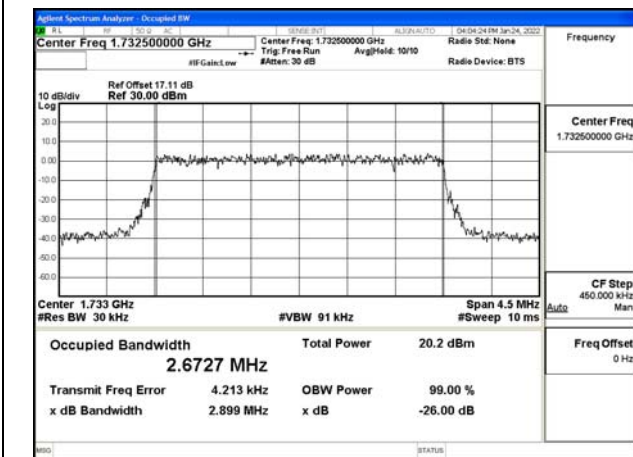


Fig.41

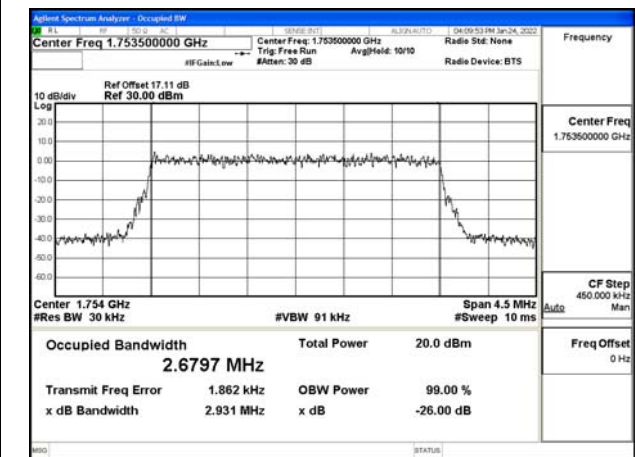


Fig.42

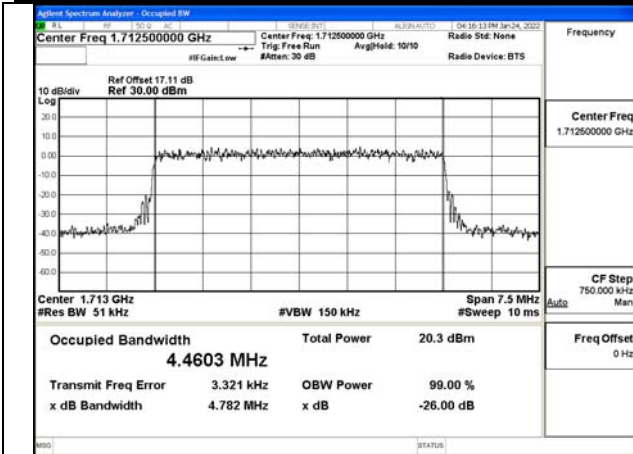


Fig.43

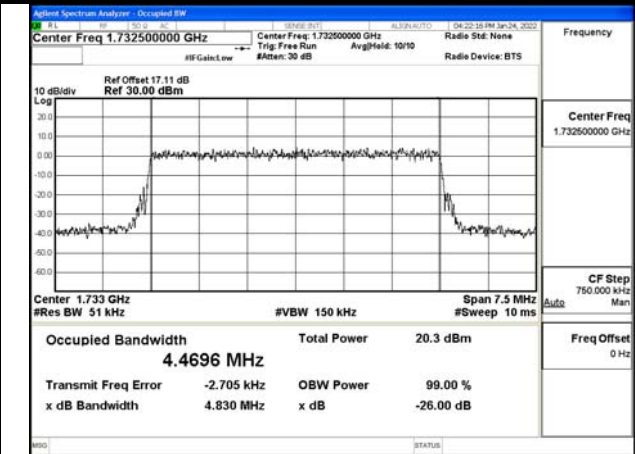


Fig.44

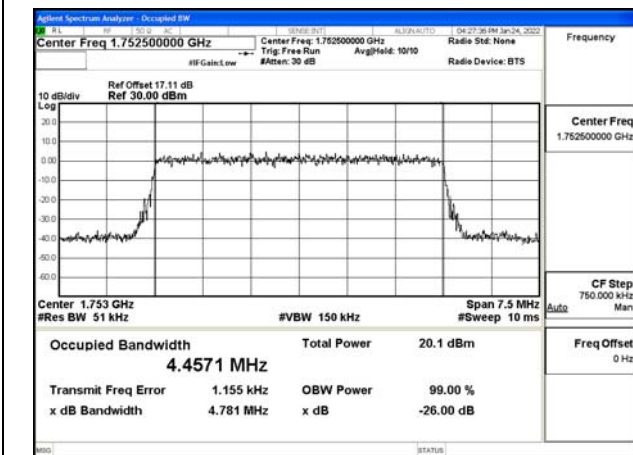


Fig.45

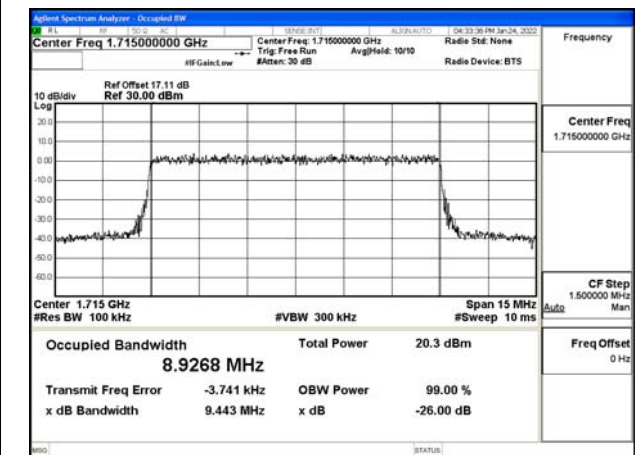


Fig.46

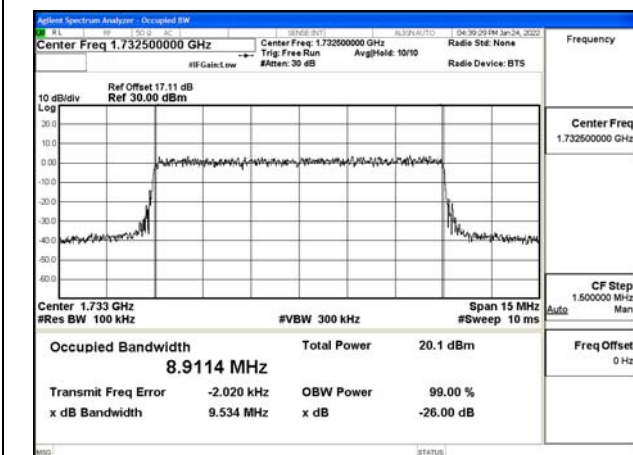


Fig.47

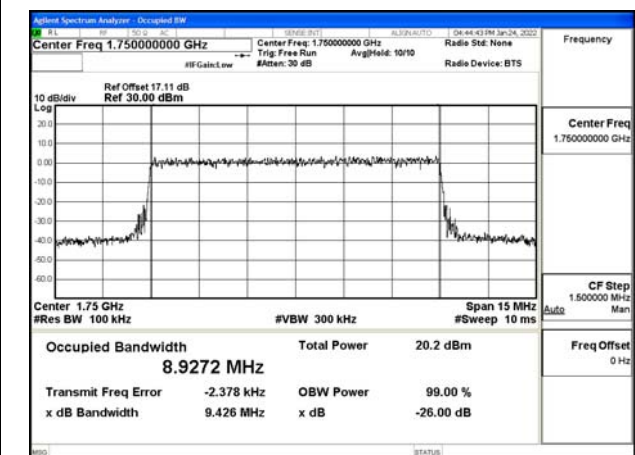


Fig.48

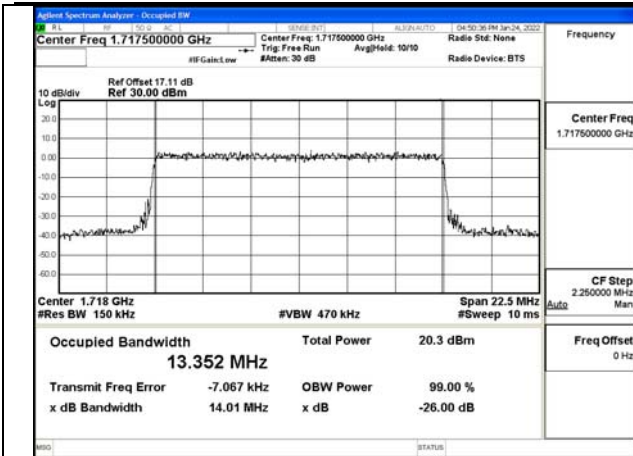


Fig.49

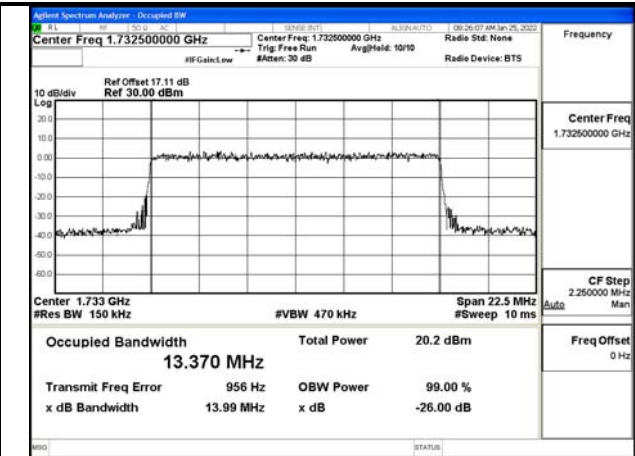


Fig.50

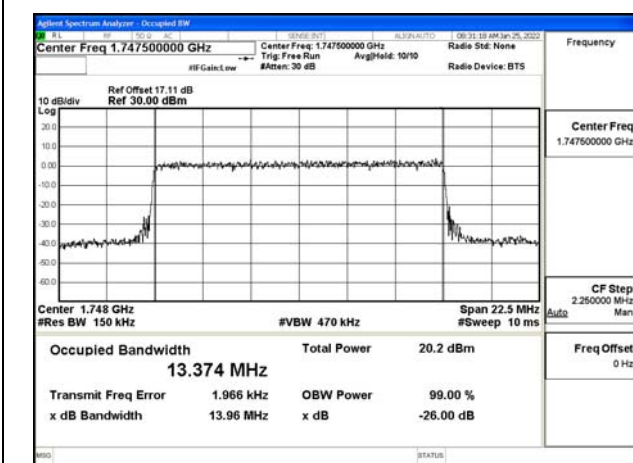


Fig.51

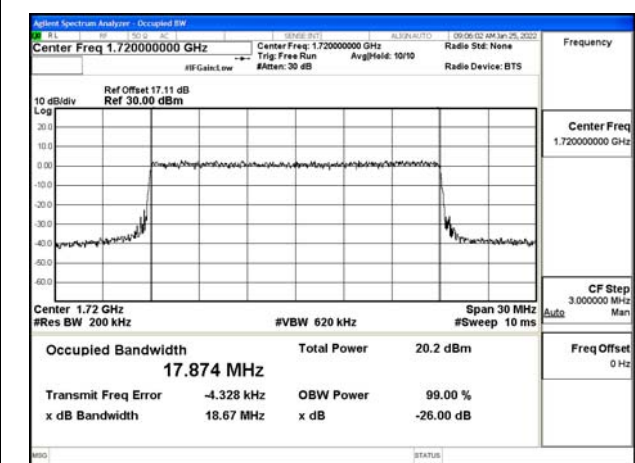


Fig.52

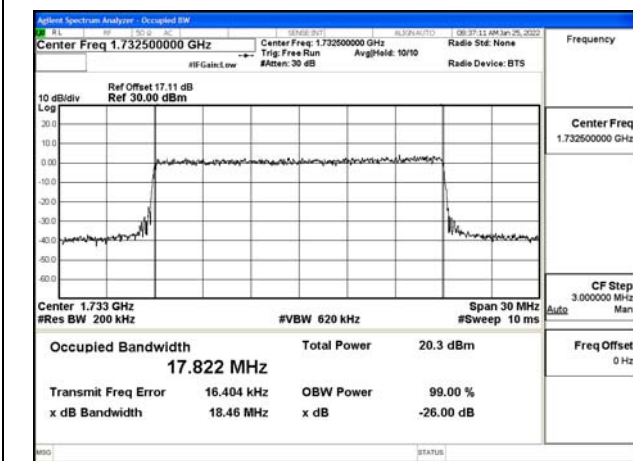


Fig.53

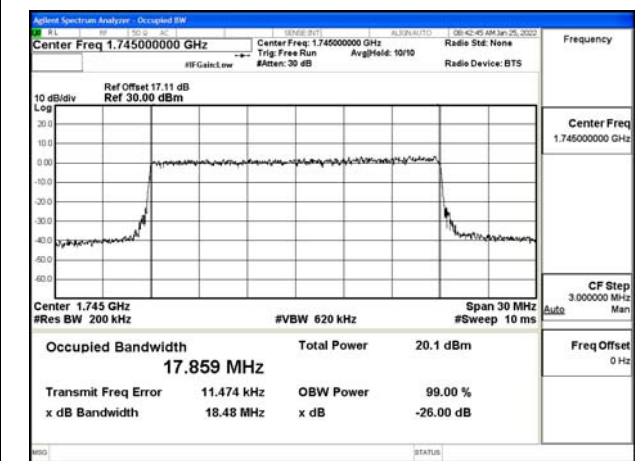


Fig.54

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	1.190	Fig.1
4	QPSK	1732.5	20175	1.4	6	0	1.200	Fig.2
4	QPSK	1754.3	20393	1.4	6	0	1.190	Fig.3
4	QPSK	1711.5	19965	3	15	0	2.920	Fig.4
4	QPSK	1732.5	20175	3	15	0	2.880	Fig.5
4	QPSK	1753.5	20385	3	15	0	2.930	Fig.6
4	QPSK	1712.5	19975	5	25	0	4.780	Fig.7
4	QPSK	1732.5	20175	5	25	0	4.720	Fig.8
4	QPSK	1752.5	20375	5	25	0	4.720	Fig.9
4	QPSK	1715	20000	10	50	0	9.350	Fig.10
4	QPSK	1732.5	20175	10	50	0	9.220	Fig.11
4	QPSK	1750	20350	10	50	0	9.270	Fig.12
4	QPSK	1717.5	20025	15	75	0	14.000	Fig.13
4	QPSK	1732.5	20175	15	75	0	13.870	Fig.14
4	QPSK	1747.5	20325	15	75	0	14.020	Fig.15
4	QPSK	1720	20050	20	100	0	18.590	Fig.16
4	QPSK	1732.5	20175	20	100	0	18.540	Fig.17
4	QPSK	1745	20300	20	100	0	18.630	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	1.220	Fig.19
4	16QAM	1732.5	20175	1.4	6	0	1.220	Fig.20
4	16QAM	1754.3	20393	1.4	6	0	1.200	Fig.21
4	16QAM	1711.5	19965	3	15	0	2.900	Fig.22
4	16QAM	1732.5	20175	3	15	0	2.930	Fig.23
4	16QAM	1753.5	20385	3	15	0	2.910	Fig.24
4	16QAM	1712.5	19975	5	25	0	4.780	Fig.25
4	16QAM	1732.5	20175	5	25	0	4.770	Fig.26
4	16QAM	1752.5	20375	5	25	0	4.750	Fig.27
4	16QAM	1715	20000	10	50	0	9.340	Fig.28
4	16QAM	1732.5	20175	10	50	0	9.270	Fig.29
4	16QAM	1750	20350	10	50	0	9.380	Fig.30
4	16QAM	1717.5	20025	15	75	0	13.900	Fig.31
4	16QAM	1732.5	20175	15	75	0	13.910	Fig.32
4	16QAM	1747.5	20325	15	75	0	14.030	Fig.33
4	16QAM	1720	20050	20	100	0	18.460	Fig.34
4	16QAM	1732.5	20175	20	100	0	18.570	Fig.35
4	16QAM	1745	20300	20	100	0	18.510	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	1.220	Fig.37
4	64QAM	1732.5	20175	1.4	6	0	1.210	Fig.38
4	64QAM	1754.3	20393	1.4	6	0	1.210	Fig.39
4	64QAM	1711.5	19965	3	15	0	2.970	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	4.780	Fig.43
4	64QAM	1732.5	20175	5	25	0	4.830	Fig.44
4	64QAM	1752.5	20375	5	25	0	4.780	Fig.45
4	64QAM	1715	20000	10	50	0	9.440	Fig.46
4	64QAM	1732.5	20175	10	50	0	9.530	Fig.47
4	64QAM	1750	20350	10	50	0	9.430	Fig.48
4	64QAM	1717.5	20025	15	75	0	14.010	Fig.49
4	64QAM	1732.5	20175	15	75	0	13.990	Fig.50
4	64QAM	1747.5	20325	15	75	0	13.960	Fig.51
4	64QAM	1720	20050	20	100	0	18.670	Fig.52
4	64QAM	1732.5	20175	20	100	0	18.460	Fig.53
4	64QAM	1745	20300	20	100	0	18.480	Fig.54

Test Mode: QPSK

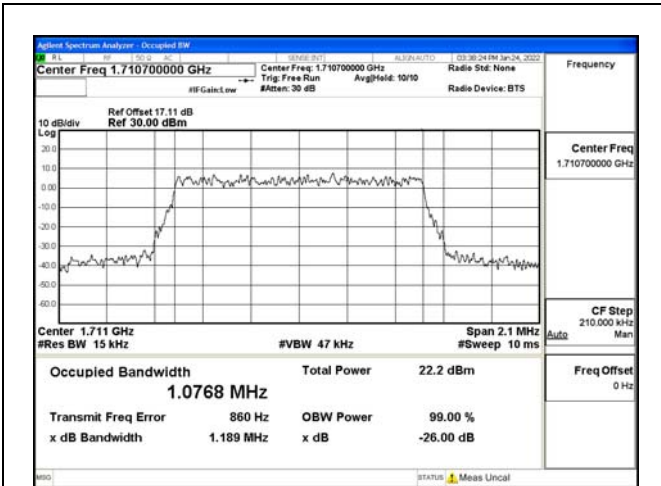


Fig.1

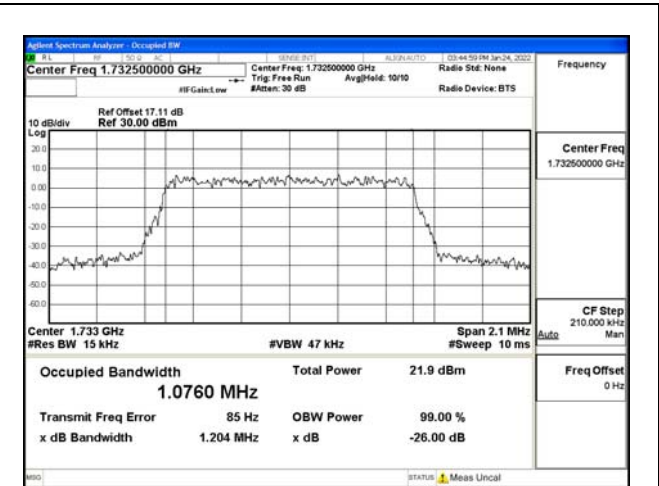


Fig.2

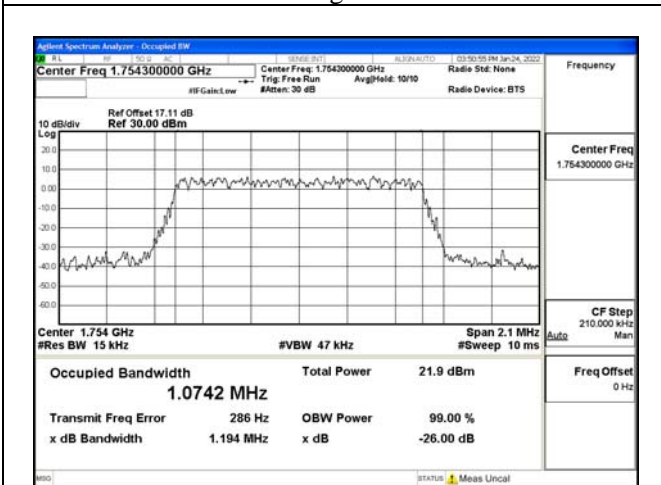


Fig.3

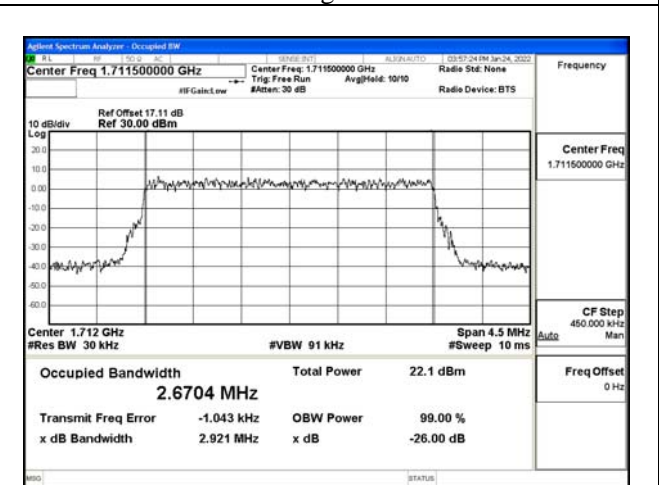


Fig.4

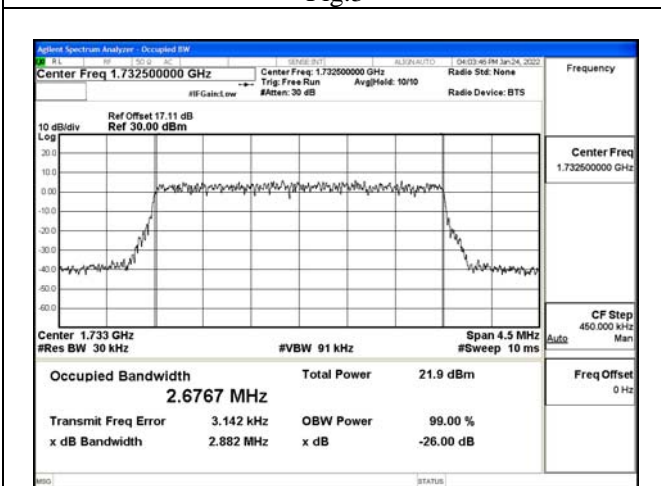


Fig.5

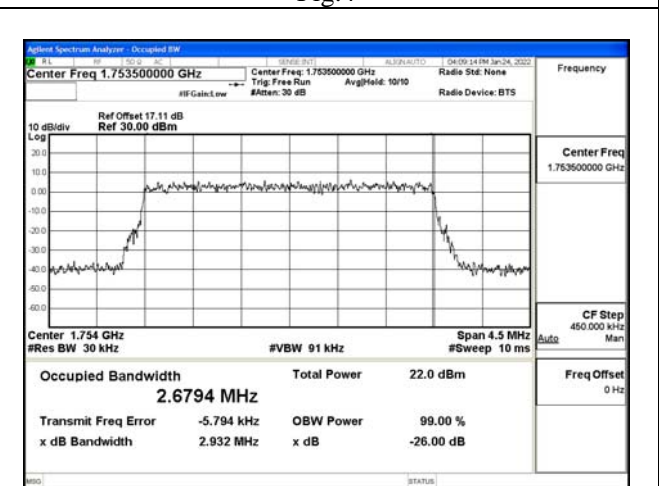


Fig.6

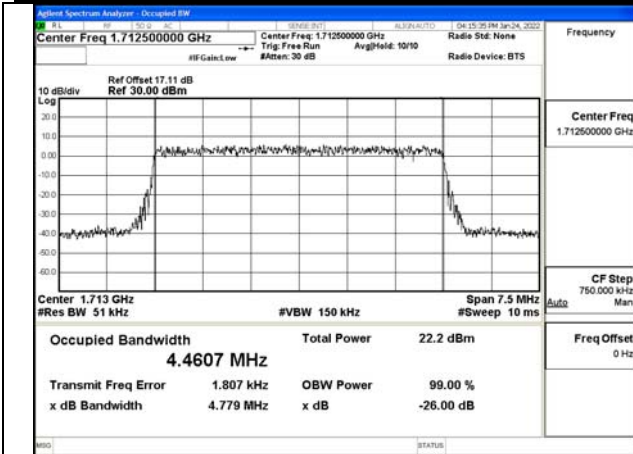


Fig.7

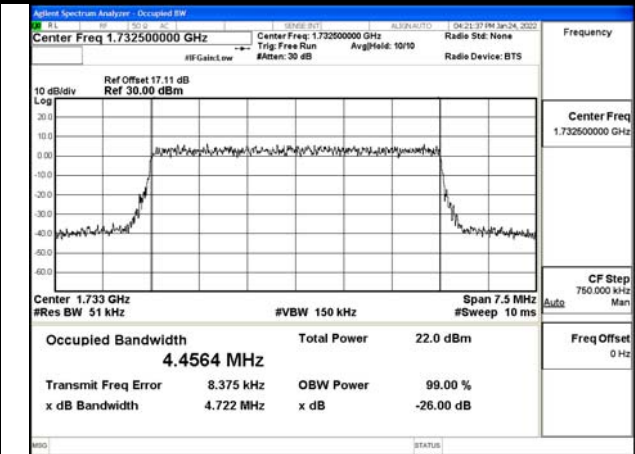


Fig.8

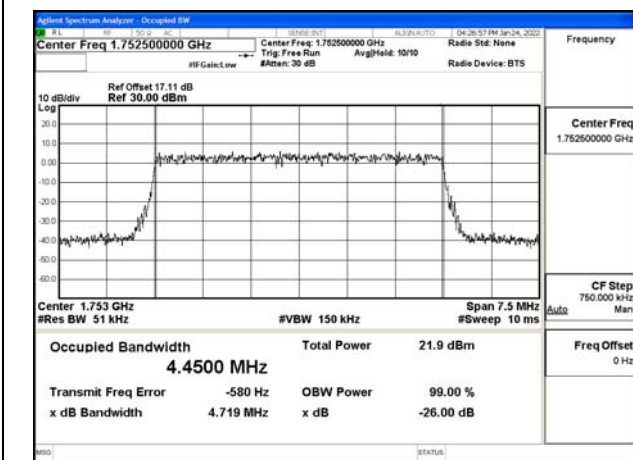


Fig.9

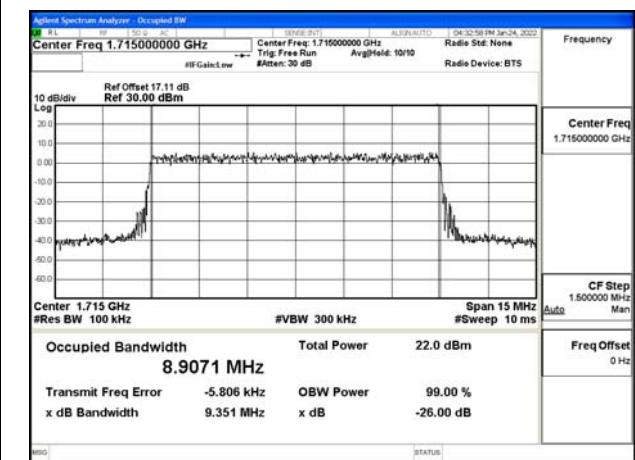


Fig.10

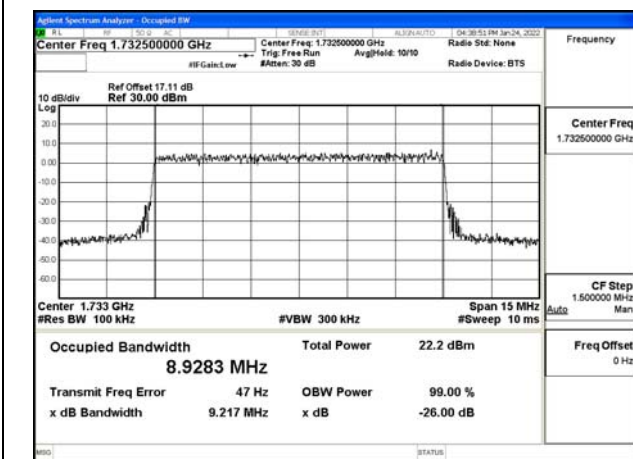


Fig.11

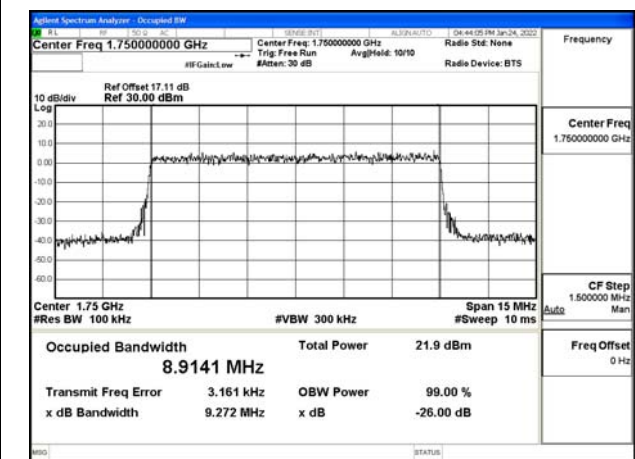


Fig.12

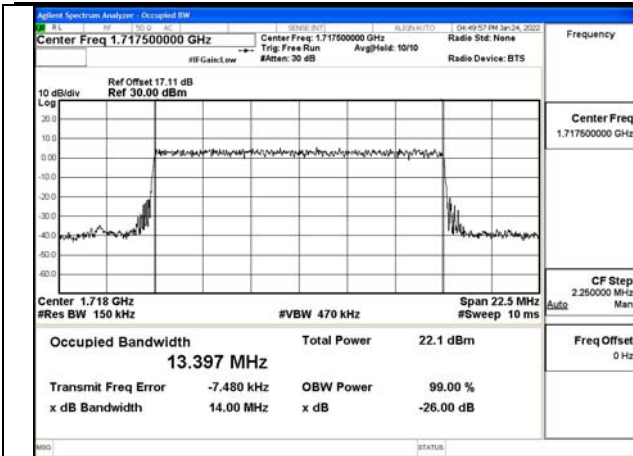


Fig.13

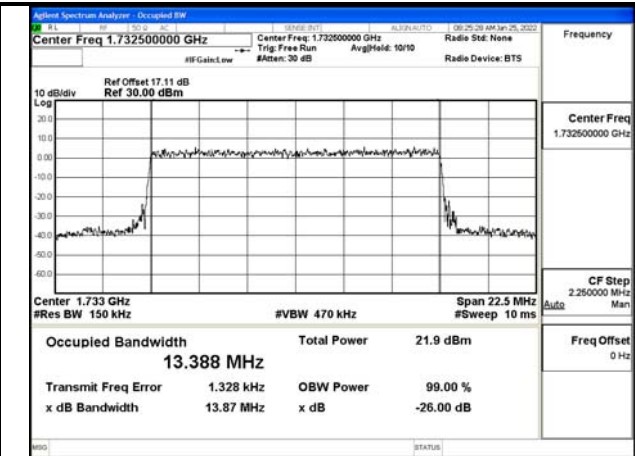


Fig.14

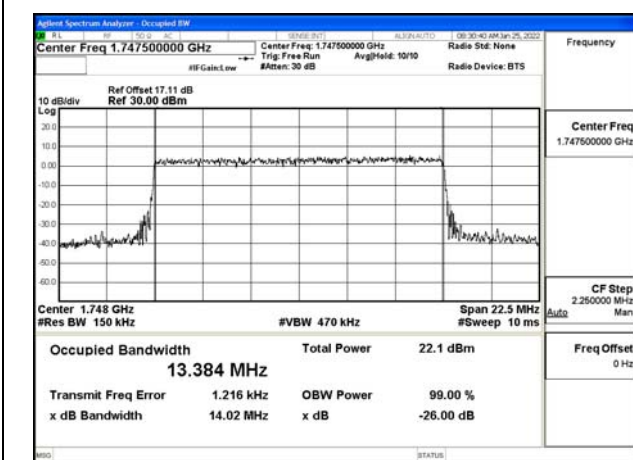


Fig.15

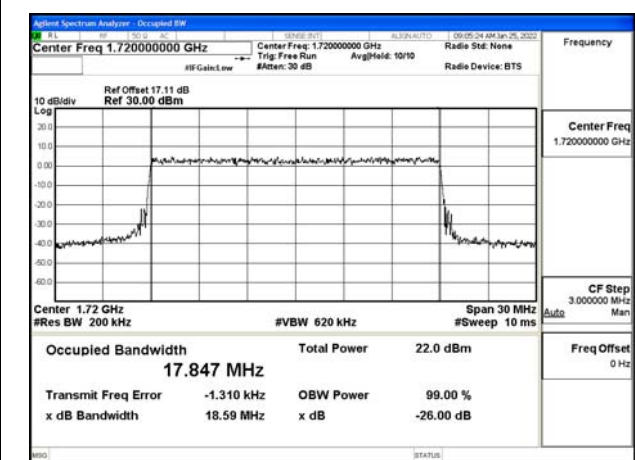


Fig.16

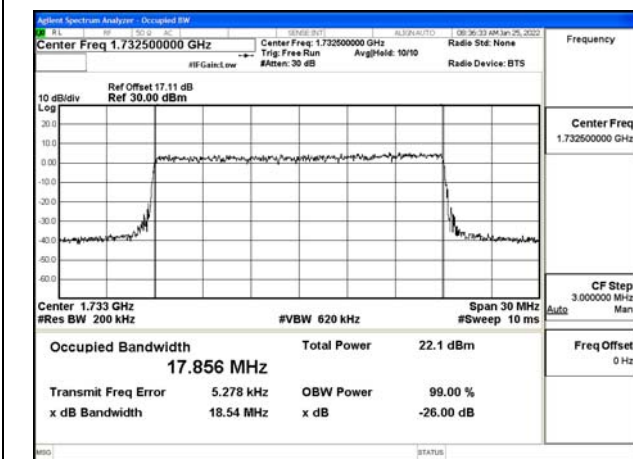


Fig.17

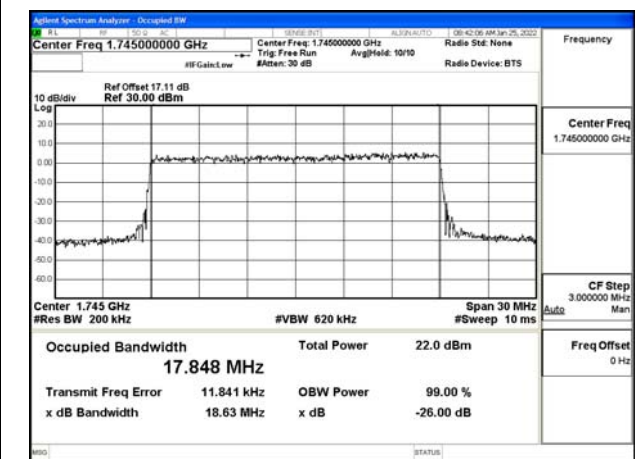


Fig.18

Test Mode: 16QAM

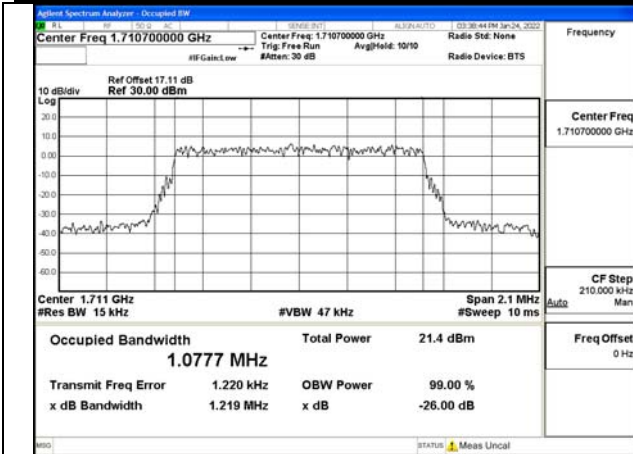


Fig.19

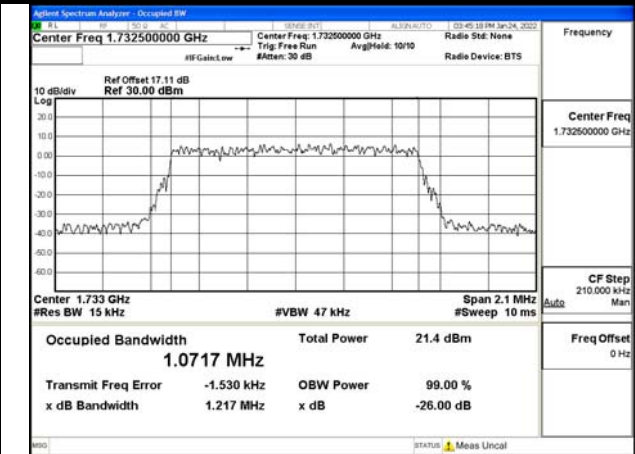


Fig.20

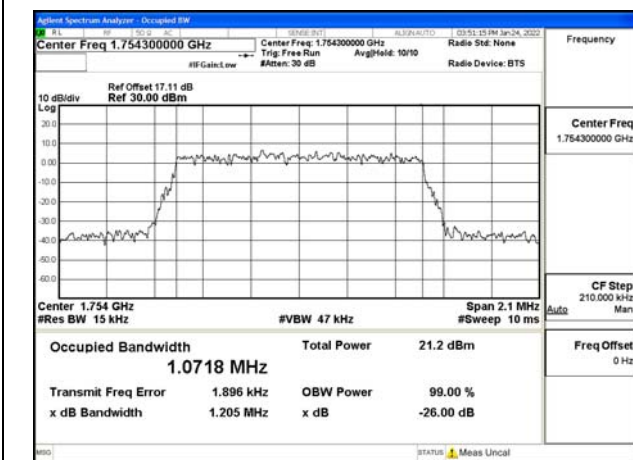


Fig.21

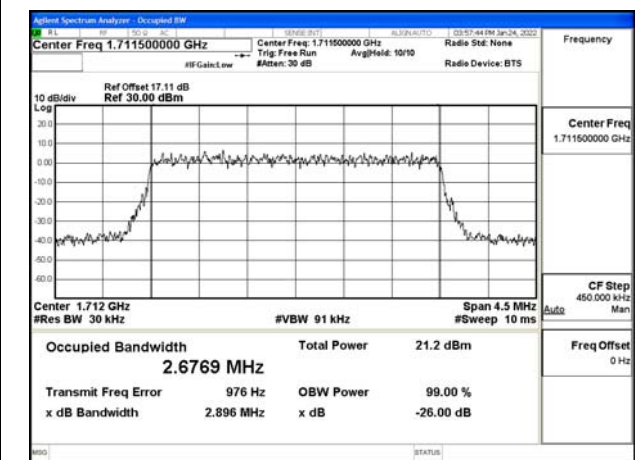


Fig.22

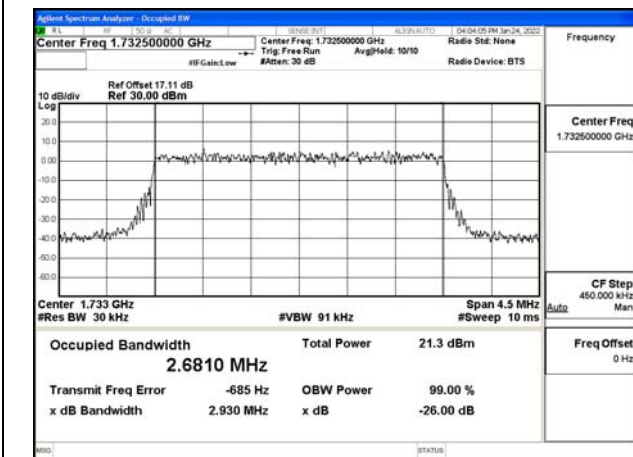


Fig.23

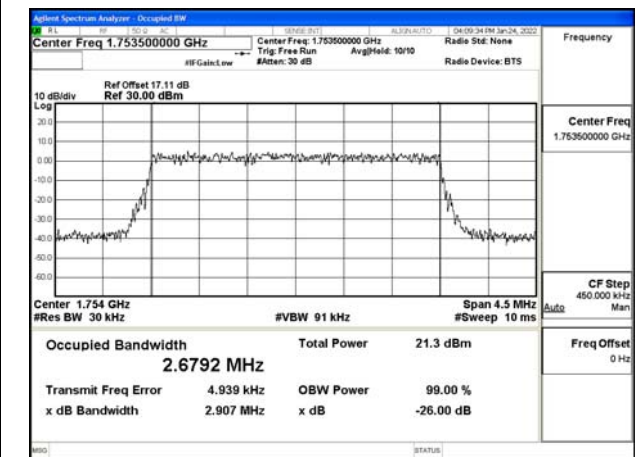


Fig.24

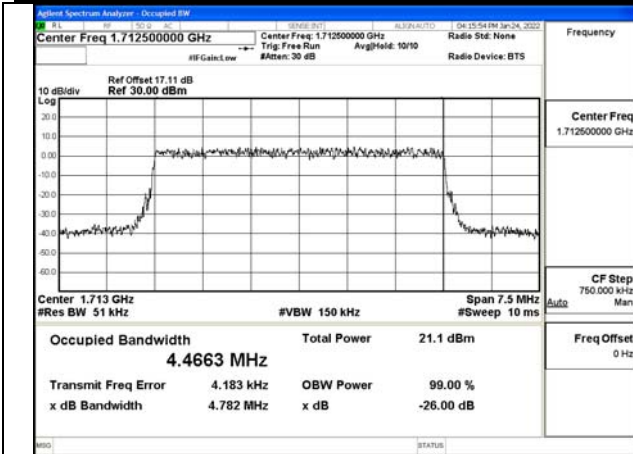


Fig.25

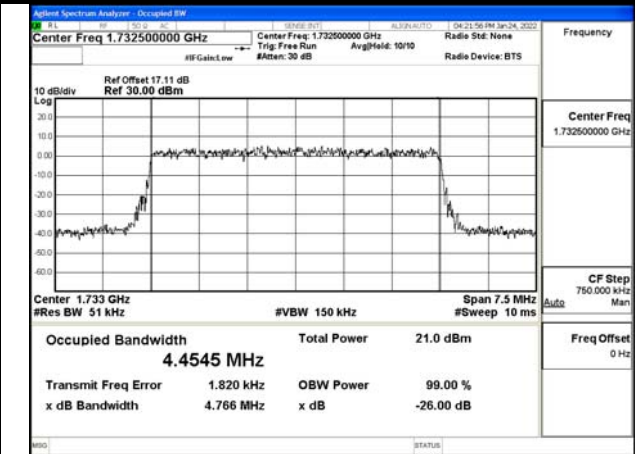


Fig.26

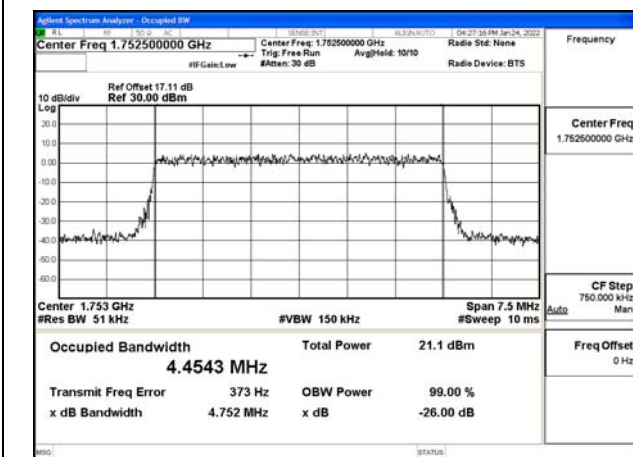


Fig.27

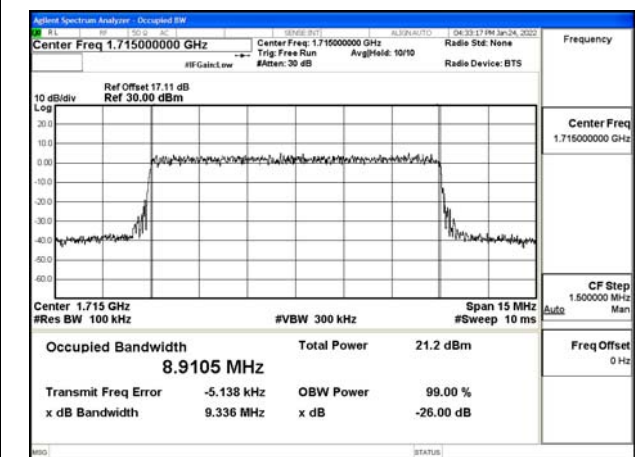


Fig.28

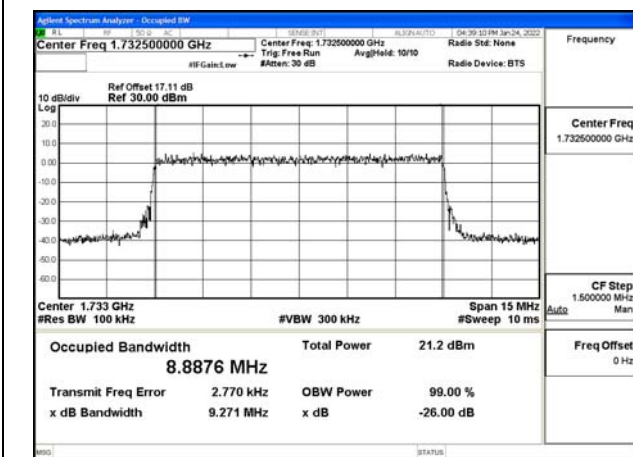


Fig.29

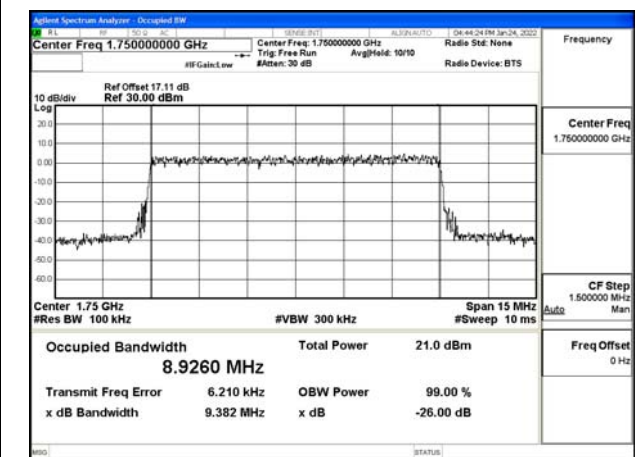


Fig.30

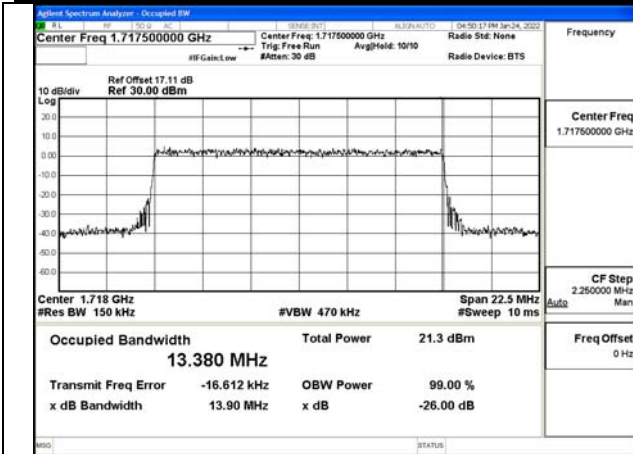


Fig.31

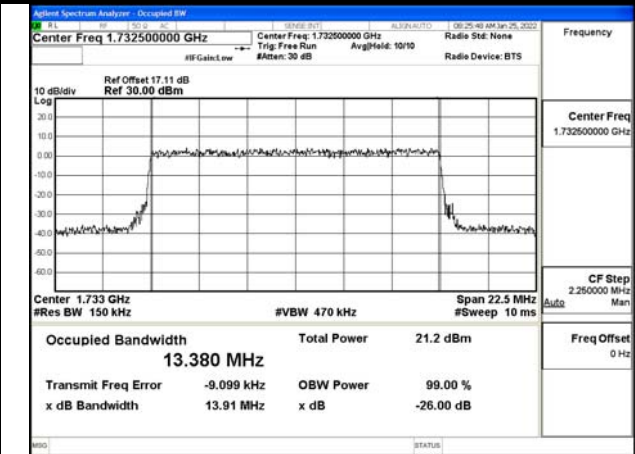


Fig.32

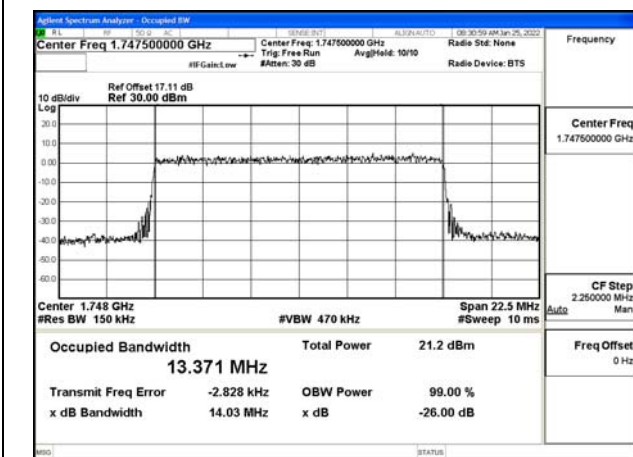


Fig.33

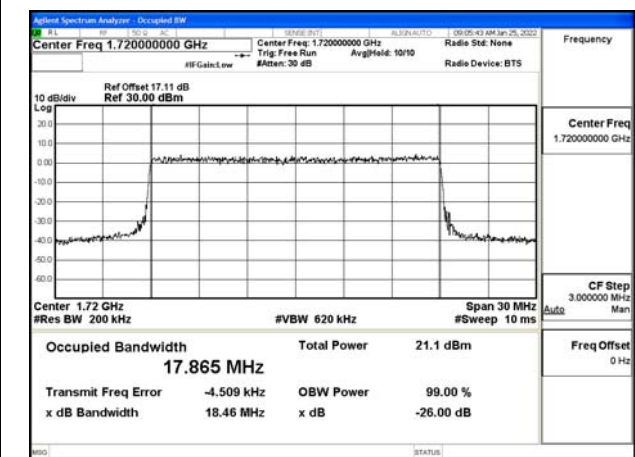


Fig.34

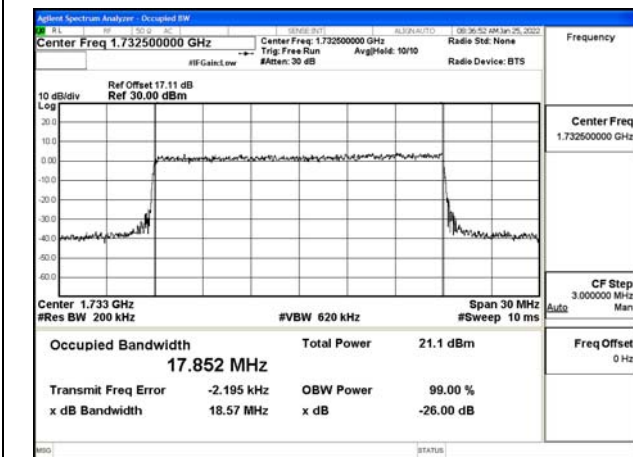


Fig.35

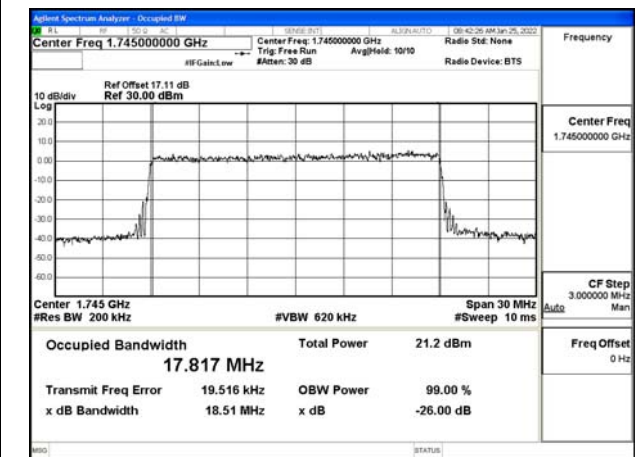


Fig.36

Test Mode: 64QAM

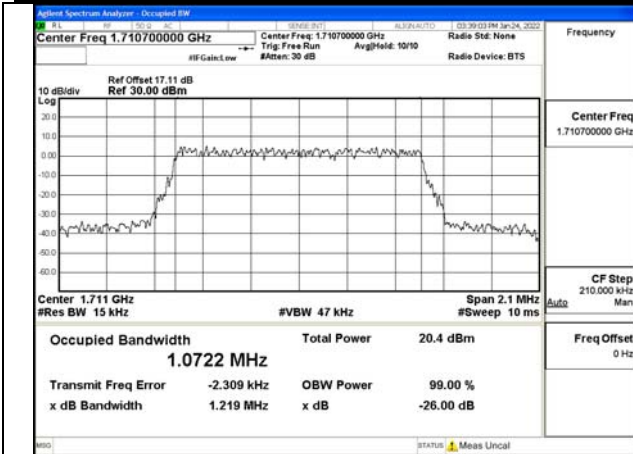


Fig.37

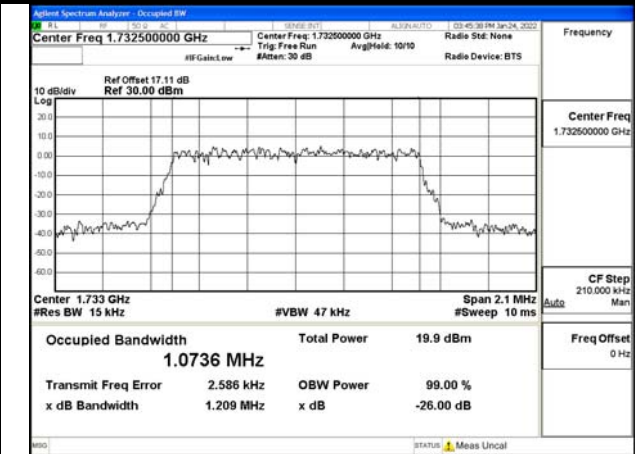


Fig.38

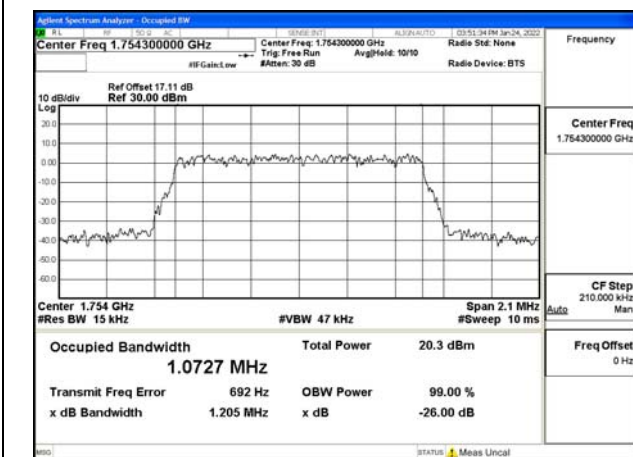


Fig.39

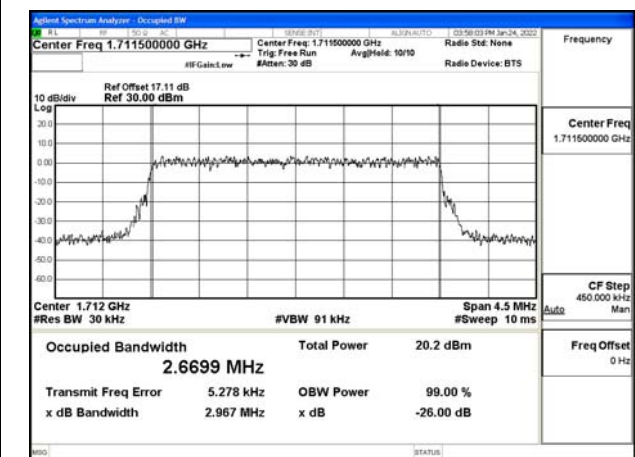


Fig.40

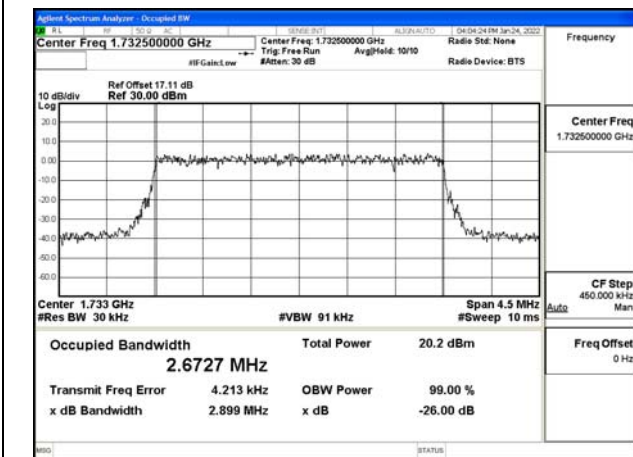


Fig.41

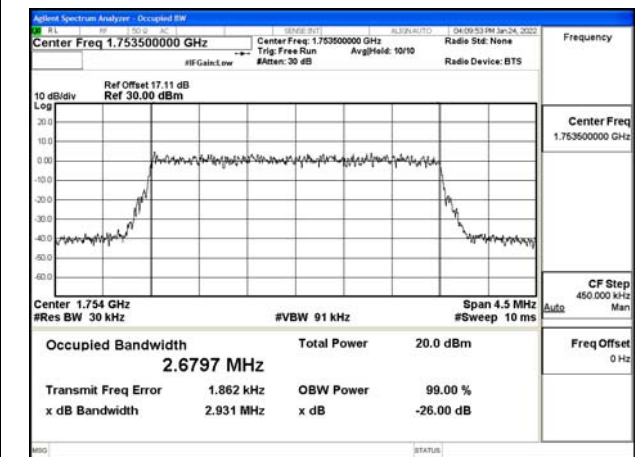


Fig.42

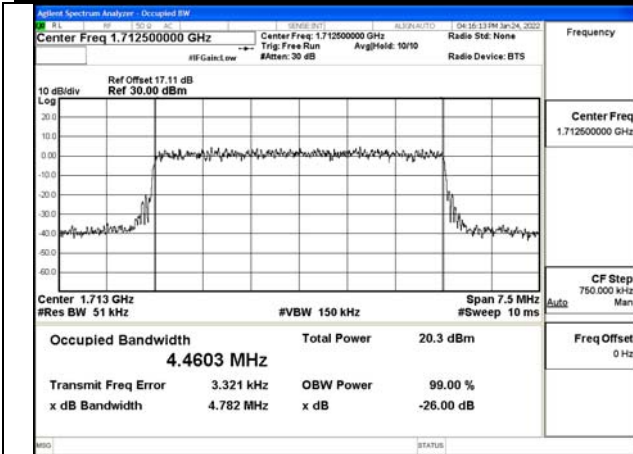


Fig.43

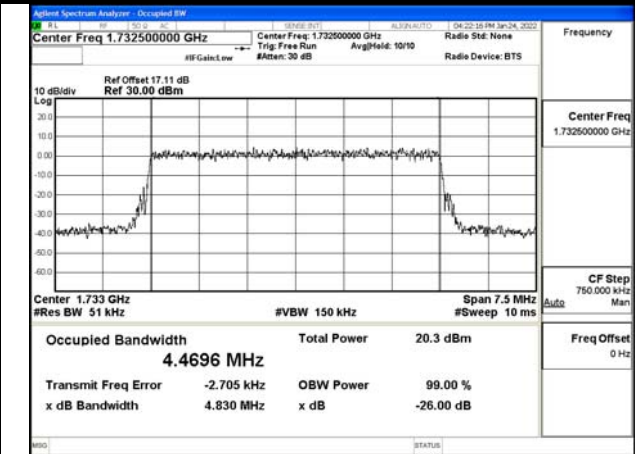


Fig.44

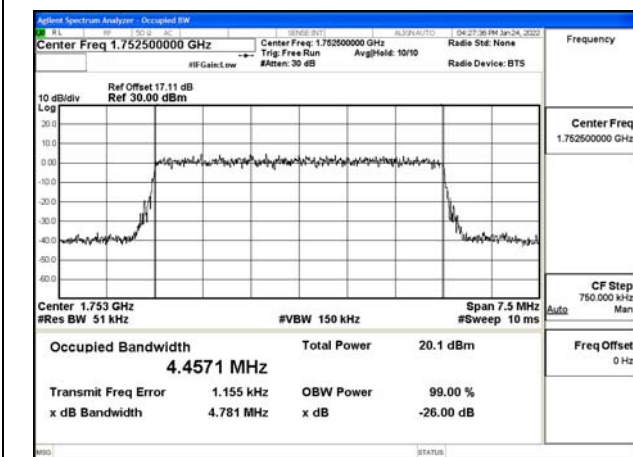


Fig.45

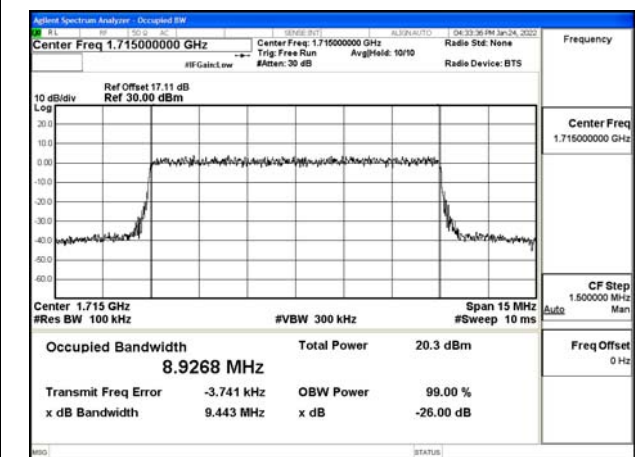


Fig.46

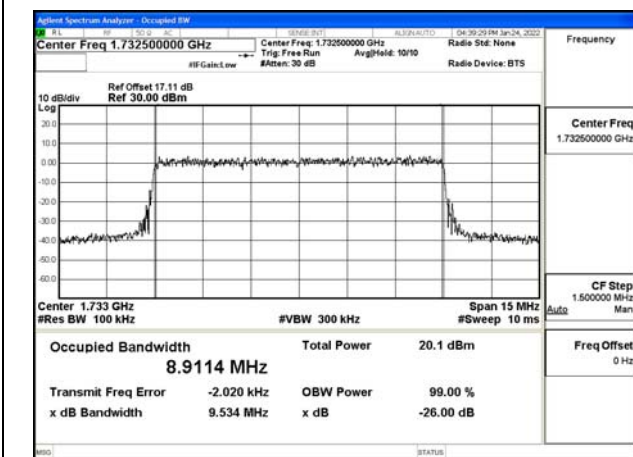


Fig.47

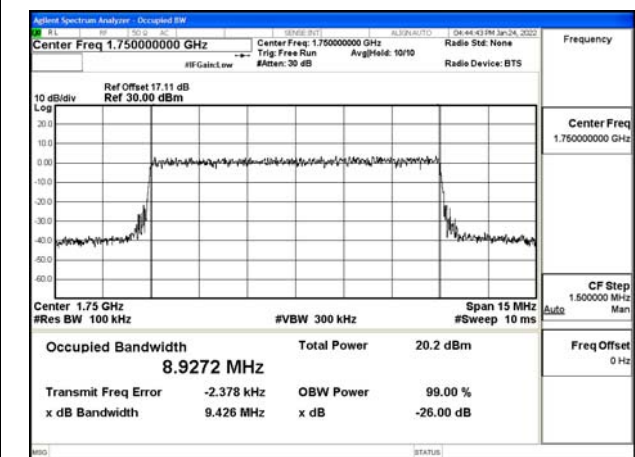


Fig.48

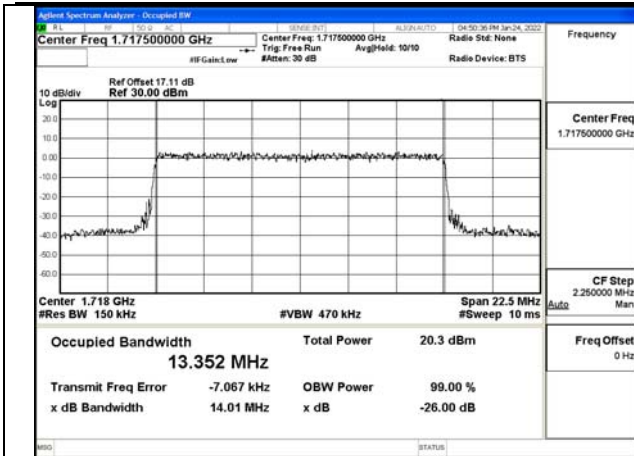


Fig.49

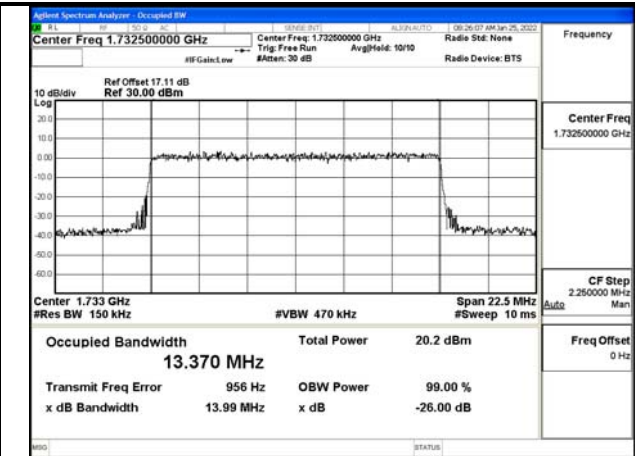


Fig.50

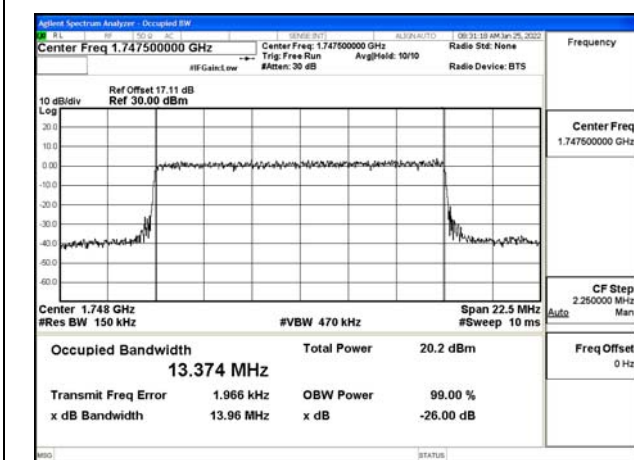


Fig.51

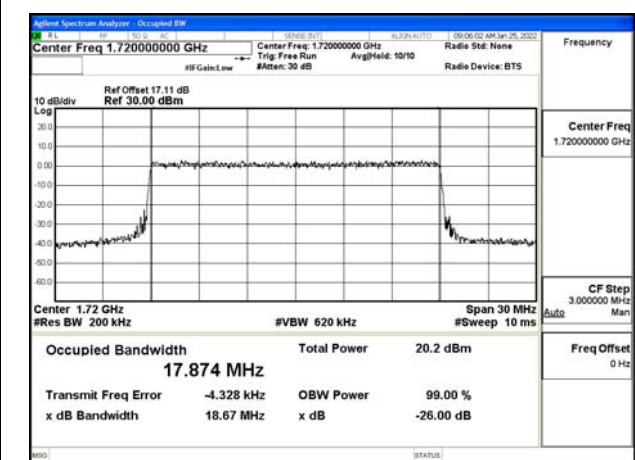


Fig.52

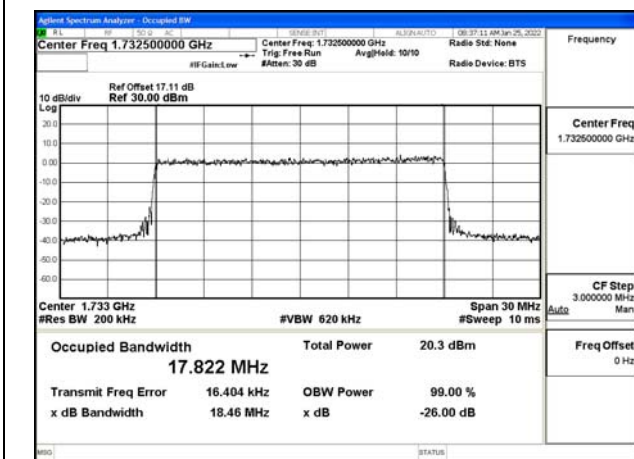


Fig.53

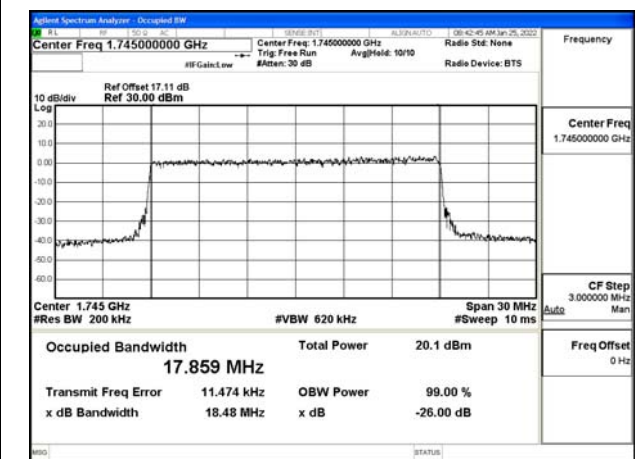


Fig.54

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

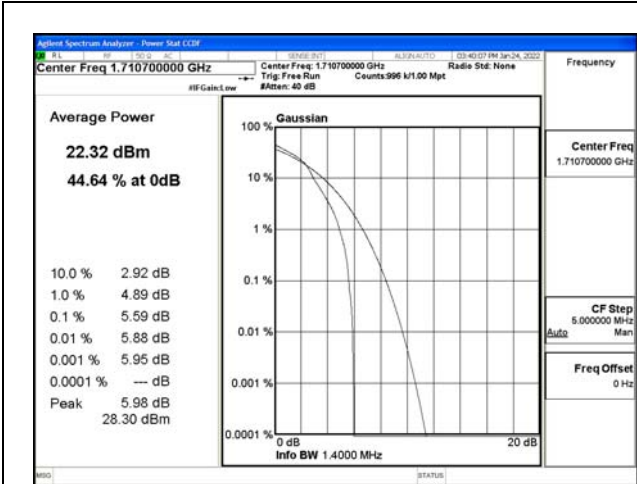


Fig.1

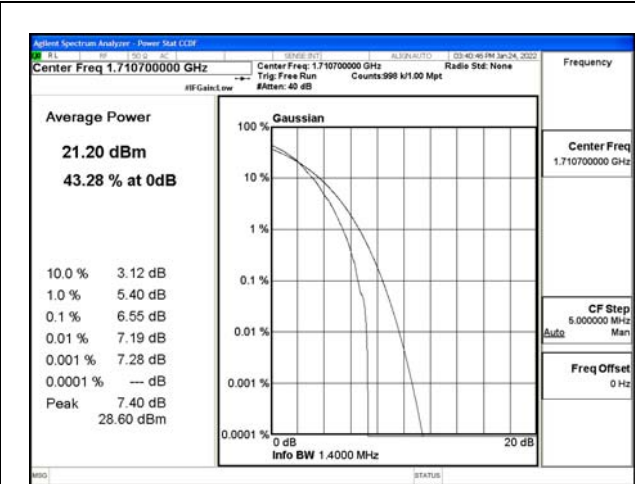


Fig.2

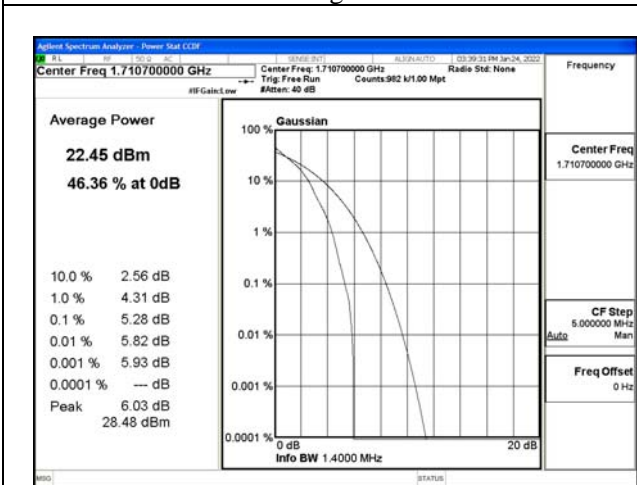


Fig.3

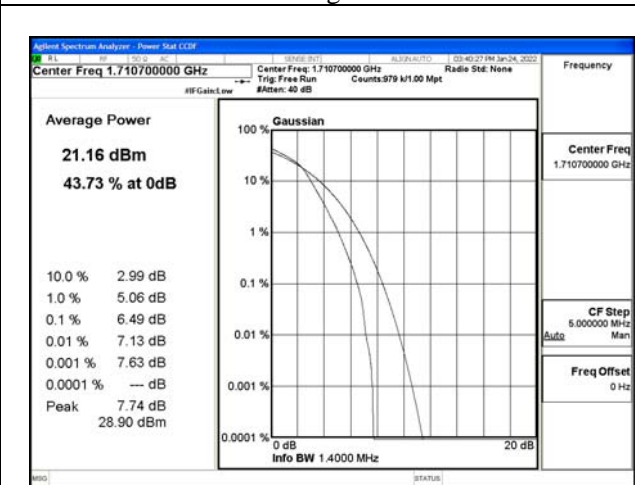


Fig.4

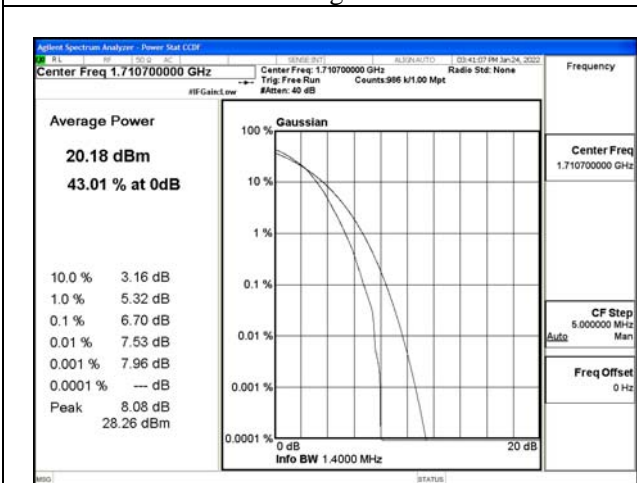


Fig.5

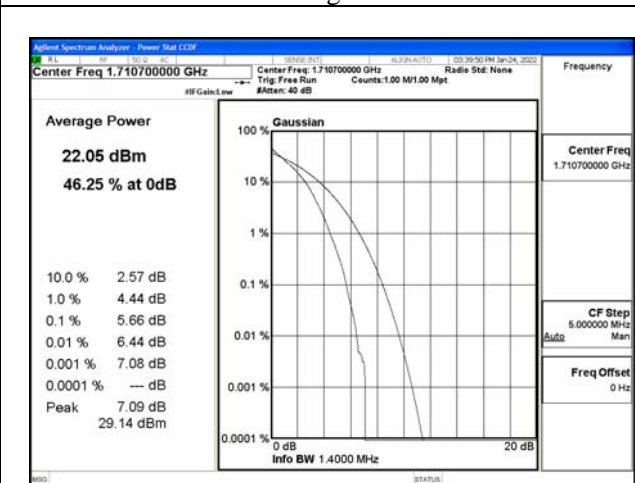


Fig.6