

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 26

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	814.7	26697	1.4	1	0	22.60
QPSK	814.7	26697	1.4	1	3	22.40
QPSK	814.7	26697	1.4	1	5	22.32
QPSK	814.7	26697	1.4	3	0	22.26
QPSK	814.7	26697	1.4	3	1	22.29
QPSK	814.7	26697	1.4	3	3	22.29
QPSK	814.7	26697	1.4	6	0	21.23
QPSK	819	26740	1.4	1	0	22.35
QPSK	819	26740	1.4	1	3	22.44
QPSK	819	26740	1.4	1	5	22.54
QPSK	819	26740	1.4	3	0	22.41
QPSK	819	26740	1.4	3	1	22.48
QPSK	819	26740	1.4	3	3	22.48
QPSK	819	26740	1.4	6	0	21.38
QPSK	823.3	26783	1.4	1	0	22.22
QPSK	823.3	26783	1.4	1	3	22.31
QPSK	823.3	26783	1.4	1	5	22.36
QPSK	823.3	26783	1.4	3	0	22.26
QPSK	823.3	26783	1.4	3	1	22.32
QPSK	823.3	26783	1.4	3	3	22.32
QPSK	823.3	26783	1.4	6	0	21.24

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	814.7	26697	1.4	1	0	21.50
16QAM	814.7	26697	1.4	1	3	21.52
16QAM	814.7	26697	1.4	1	5	21.79
16QAM	814.7	26697	1.4	3	0	21.30
16QAM	814.7	26697	1.4	3	1	21.33
16QAM	814.7	26697	1.4	3	3	21.40
16QAM	814.7	26697	1.4	6	0	20.20
16QAM	819	26740	1.4	1	0	21.27
16QAM	819	26740	1.4	1	3	21.62
16QAM	819	26740	1.4	1	5	21.93
16QAM	819	26740	1.4	3	0	21.63
16QAM	819	26740	1.4	3	1	21.27
16QAM	819	26740	1.4	3	3	21.62
16QAM	819	26740	1.4	6	0	20.42
16QAM	823.3	26783	1.4	1	0	21.67
16QAM	823.3	26783	1.4	1	3	21.81
16QAM	823.3	26783	1.4	1	5	21.39
16QAM	823.3	26783	1.4	3	0	21.58
16QAM	823.3	26783	1.4	3	1	21.40
16QAM	823.3	26783	1.4	3	3	21.58
16QAM	823.3	26783	1.4	6	0	20.31
64QAM	814.7	26697	1.4	1	0	21.41
64QAM	814.7	26697	1.4	1	3	21.64
64QAM	814.7	26697	1.4	1	5	21.52
64QAM	814.7	26697	1.4	3	0	21.47
64QAM	814.7	26697	1.4	3	1	21.53
64QAM	814.7	26697	1.4	3	3	21.47
64QAM	814.7	26697	1.4	6	0	20.28
64QAM	819	26740	1.4	1	0	21.35
64QAM	819	26740	1.4	1	3	21.36
64QAM	819	26740	1.4	1	5	21.36
64QAM	819	26740	1.4	3	0	21.53
64QAM	819	26740	1.4	3	1	21.33
64QAM	819	26740	1.4	3	3	21.70
64QAM	819	26740	1.4	6	0	20.55
64QAM	823.3	26783	1.4	1	0	21.29
64QAM	823.3	26783	1.4	1	3	21.46
64QAM	823.3	26783	1.4	1	5	21.62
64QAM	823.3	26783	1.4	3	0	21.37
64QAM	823.3	26783	1.4	3	1	21.49
64QAM	823.3	26783	1.4	3	3	21.36
64QAM	823.3	26783	1.4	6	0	20.43

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	815.5	26705	3	1	0	22.62
QPSK	815.5	26705	3	1	8	22.60
QPSK	815.5	26705	3	1	14	22.76
QPSK	815.5	26705	3	8	0	21.38
QPSK	815.5	26705	3	8	4	21.53
QPSK	815.5	26705	3	8	7	21.60
QPSK	815.5	26705	3	15	0	21.47
QPSK	819	26740	3	1	0	22.95
QPSK	819	26740	3	1	8	23.12
QPSK	819	26740	3	1	14	23.09
QPSK	819	26740	3	8	0	21.93
QPSK	819	26740	3	8	4	22.05
QPSK	819	26740	3	8	7	22.08
QPSK	819	26740	3	15	0	22.02
QPSK	822.5	26775	3	1	0	23.12
QPSK	822.5	26775	3	1	8	23.19
QPSK	822.5	26775	3	1	14	23.17
QPSK	822.5	26775	3	8	0	22.12
QPSK	822.5	26775	3	8	4	22.16
QPSK	822.5	26775	3	8	7	22.16
QPSK	822.5	26775	3	15	0	22.17

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	815.5	26705	3	1	0	21.85
16QAM	815.5	26705	3	1	8	22.06
16QAM	815.5	26705	3	1	14	22.35
16QAM	815.5	26705	3	8	0	20.42
16QAM	815.5	26705	3	8	4	20.65
16QAM	815.5	26705	3	8	7	20.66
16QAM	815.5	26705	3	15	0	20.48
16QAM	819	26740	3	1	0	22.25
16QAM	819	26740	3	1	8	22.71
16QAM	819	26740	3	1	14	22.51
16QAM	819	26740	3	8	0	21.05
16QAM	819	26740	3	8	4	21.20
16QAM	819	26740	3	8	7	21.14
16QAM	819	26740	3	15	0	20.99
16QAM	822.5	26775	3	1	0	22.29
16QAM	822.5	26775	3	1	8	22.49
16QAM	822.5	26775	3	1	14	22.44
16QAM	822.5	26775	3	8	0	21.08
16QAM	822.5	26775	3	8	4	21.23
16QAM	822.5	26775	3	8	7	21.15
16QAM	822.5	26775	3	15	0	21.23
64QAM	815.5	26705	3	1	0	21.43
64QAM	815.5	26705	3	1	8	21.84
64QAM	815.5	26705	3	1	14	21.86
64QAM	815.5	26705	3	8	0	20.45
64QAM	815.5	26705	3	8	4	20.45
64QAM	815.5	26705	3	8	7	20.60
64QAM	815.5	26705	3	15	0	20.47
64QAM	819	26740	3	1	0	22.31
64QAM	819	26740	3	1	8	22.29
64QAM	819	26740	3	1	14	22.35
64QAM	819	26740	3	8	0	21.09
64QAM	819	26740	3	8	4	21.01
64QAM	819	26740	3	8	7	20.96
64QAM	819	26740	3	15	0	21.01
64QAM	822.5	26775	3	1	0	22.42
64QAM	822.5	26775	3	1	8	21.98
64QAM	822.5	26775	3	1	14	22.41
64QAM	822.5	26775	3	8	0	21.03
64QAM	822.5	26775	3	8	4	21.24
64QAM	822.5	26775	3	8	7	21.26
64QAM	822.5	26775	3	15	0	21.24

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	816.5	26715	5	1	0	22.80
QPSK	816.5	26715	5	1	12	22.78
QPSK	816.5	26715	5	1	24	23.07
QPSK	816.5	26715	5	12	0	21.49
QPSK	816.5	26715	5	12	7	21.72
QPSK	816.5	26715	5	12	13	21.87
QPSK	816.5	26715	5	25	0	21.67
QPSK	819	26740	5	1	0	22.83
QPSK	819	26740	5	1	12	23.00
QPSK	819	26740	5	1	24	23.09
QPSK	819	26740	5	12	0	21.85
QPSK	819	26740	5	12	7	22.02
QPSK	819	26740	5	12	13	22.09
QPSK	819	26740	5	25	0	21.99
QPSK	821.5	26765	5	1	0	23.14
QPSK	821.5	26765	5	1	12	23.16
QPSK	821.5	26765	5	1	24	23.14
QPSK	821.5	26765	5	12	0	22.14
QPSK	821.5	26765	5	12	7	22.14
QPSK	821.5	26765	5	12	13	22.13
QPSK	821.5	26765	5	25	0	22.14

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	816.5	26715	5	1	0	21.60
16QAM	816.5	26715	5	1	12	21.45
16QAM	816.5	26715	5	1	24	21.83
16QAM	816.5	26715	5	12	0	20.47
16QAM	816.5	26715	5	12	7	20.69
16QAM	816.5	26715	5	12	13	20.86
16QAM	816.5	26715	5	25	0	20.69
16QAM	819	26740	5	1	0	21.89
16QAM	819	26740	5	1	12	22.68
16QAM	819	26740	5	1	24	22.72
16QAM	819	26740	5	12	0	20.87
16QAM	819	26740	5	12	7	21.05
16QAM	819	26740	5	12	13	21.17
16QAM	819	26740	5	25	0	21.00
16QAM	821.5	26765	5	1	0	22.31
16QAM	821.5	26765	5	1	12	22.56
16QAM	821.5	26765	5	1	24	22.63
16QAM	821.5	26765	5	12	0	21.08
16QAM	821.5	26765	5	12	7	21.23
16QAM	821.5	26765	5	12	13	21.25
16QAM	821.5	26765	5	25	0	21.20
64QAM	816.5	26715	5	1	0	21.55
64QAM	816.5	26715	5	1	12	21.47
64QAM	816.5	26715	5	1	24	22.18
64QAM	816.5	26715	5	12	0	20.45
64QAM	816.5	26715	5	12	7	20.71
64QAM	816.5	26715	5	12	13	20.72
64QAM	816.5	26715	5	25	0	20.63
64QAM	819	26740	5	1	0	21.80
64QAM	819	26740	5	1	12	22.14
64QAM	819	26740	5	1	24	22.33
64QAM	819	26740	5	12	0	20.91
64QAM	819	26740	5	12	7	21.05
64QAM	819	26740	5	12	13	21.10
64QAM	819	26740	5	25	0	21.04
64QAM	821.5	26765	5	1	0	22.27
64QAM	821.5	26765	5	1	12	22.40
64QAM	821.5	26765	5	1	24	22.41
64QAM	821.5	26765	5	12	0	21.15
64QAM	821.5	26765	5	12	7	21.25
64QAM	821.5	26765	5	12	13	21.21
64QAM	821.5	26765	5	25	0	21.17

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	819	26740	10	1	0	22.68
QPSK	819	26740	10	1	25	23.19
QPSK	819	26740	10	1	49	23.30
QPSK	819	26740	10	25	0	21.78
QPSK	819	26740	10	25	12	22.10
QPSK	819	26740	10	25	25	22.18
QPSK	819	26740	10	50	0	21.98
QPSK	819	26740	10	1	0	22.23
QPSK	819	26740	10	1	25	23.03
QPSK	819	26740	10	1	49	23.08
QPSK	819	26740	10	25	0	21.63
QPSK	819	26740	10	25	12	21.96
QPSK	819	26740	10	25	25	22.06
QPSK	819	26740	10	50	0	21.85
QPSK	819	26740	10	1	0	22.18
QPSK	819	26740	10	1	25	22.99
QPSK	819	26740	10	1	49	23.10
QPSK	819	26740	10	25	0	21.61
QPSK	819	26740	10	25	12	21.94
QPSK	819	26740	10	25	25	22.03
QPSK	819	26740	10	50	0	21.84

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	819	26740	10	1	0	21.72
16QAM	819	26740	10	1	25	22.00
16QAM	819	26740	10	1	49	22.25
16QAM	819	26740	10	25	0	20.77
16QAM	819	26740	10	25	12	21.09
16QAM	819	26740	10	25	25	21.24
16QAM	819	26740	10	50	0	20.89
16QAM	819	26740	10	1	0	21.29
16QAM	819	26740	10	1	25	22.20
16QAM	819	26740	10	1	49	22.49
16QAM	819	26740	10	25	0	20.71
16QAM	819	26740	10	25	12	21.01
16QAM	819	26740	10	25	25	21.16
16QAM	819	26740	10	50	0	20.82
16QAM	819	26740	10	1	0	21.32
16QAM	819	26740	10	1	25	22.24
16QAM	819	26740	10	1	49	22.40
16QAM	819	26740	10	25	0	20.65
16QAM	819	26740	10	25	12	20.97
16QAM	819	26740	10	25	25	21.09
16QAM	819	26740	10	50	0	20.90
64QAM	819	26740	10	1	0	21.54
64QAM	819	26740	10	1	25	22.19
64QAM	819	26740	10	1	49	22.28
64QAM	819	26740	10	25	0	20.75
64QAM	819	26740	10	25	12	21.06
64QAM	819	26740	10	25	25	21.20
64QAM	819	26740	10	50	0	20.94
64QAM	819	26740	10	1	0	21.20
64QAM	819	26740	10	1	25	22.07
64QAM	819	26740	10	1	49	22.20
64QAM	819	26740	10	25	0	20.70
64QAM	819	26740	10	25	12	21.03
64QAM	819	26740	10	25	25	21.05
64QAM	819	26740	10	50	0	20.90
64QAM	819	26740	10	1	0	21.16
64QAM	819	26740	10	1	25	21.95
64QAM	819	26740	10	1	49	22.29
64QAM	819	26740	10	25	0	20.65
64QAM	819	26740	10	25	12	20.96
64QAM	819	26740	10	25	25	21.02
64QAM	819	26740	10	50	0	20.88

2 Occupied Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
26	QPSK	814.7	26697	1.4	6	0	1.075	Fig.1
26	QPSK	819	26740	1.4	6	0	1.077	Fig.2
26	QPSK	823.3	26783	1.4	6	0	1.080	Fig.3
26	QPSK	815.5	26705	3	15	0	2.682	Fig.4
26	QPSK	819	26740	3	15	0	2.676	Fig.5
26	QPSK	822.5	26775	3	15	0	2.680	Fig.6
26	QPSK	816.5	26715	5	25	0	4.460	Fig.7
26	QPSK	819	26740	5	25	0	4.473	Fig.8
26	QPSK	821.5	26765	5	25	0	4.465	Fig.9
26	QPSK	819	26740	10	50	0	8.890	Fig.10
26	QPSK	819	26740	10	50	0	8.880	Fig.11
26	QPSK	819	26740	10	50	0	8.920	Fig.12

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
26	16QAM	814.7	26697	1.4	6	0	1.076	Fig.13
26	16QAM	819	26740	1.4	6	0	1.073	Fig.14
26	16QAM	823.3	26783	1.4	6	0	1.076	Fig.15
26	16QAM	815.5	26705	3	15	0	2.675	Fig.16
26	16QAM	819	26740	3	15	0	2.668	Fig.17
26	16QAM	822.5	26775	3	15	0	2.679	Fig.18
26	16QAM	816.5	26715	5	25	0	4.453	Fig.19
26	16QAM	819	26740	5	25	0	4.466	Fig.20
26	16QAM	821.5	26765	5	25	0	4.441	Fig.21
26	16QAM	819	26740	10	50	0	8.880	Fig.22
26	16QAM	819	26740	10	50	0	8.896	Fig.23
26	16QAM	819	26740	10	50	0	8.917	Fig.24

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
26	64QAM	814.7	26697	1.4	6	0	1.075	Fig.25
26	64QAM	819	26740	1.4	6	0	1.075	Fig.26
26	64QAM	823.3	26783	1.4	6	0	1.080	Fig.27
26	64QAM	815.5	26705	3	15	0	2.670	Fig.28
26	64QAM	819	26740	3	15	0	2.667	Fig.29
26	64QAM	822.5	26775	3	15	0	2.684	Fig.30
26	64QAM	816.5	26715	5	25	0	4.463	Fig.31
26	64QAM	819	26740	5	25	0	4.451	Fig.32
26	64QAM	821.5	26765	5	25	0	4.467	Fig.33
26	64QAM	819	26740	10	50	0	8.862	Fig.34
26	64QAM	819	26740	10	50	0	8.935	Fig.35
26	64QAM	819	26740	10	50	0	8.913	Fig.36

Test Mode: QPSK

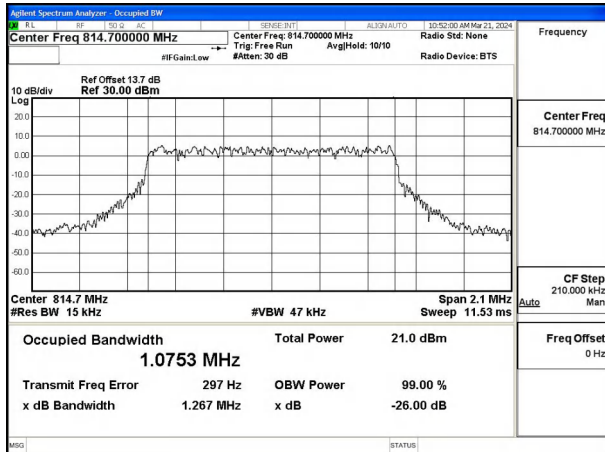


Fig.1

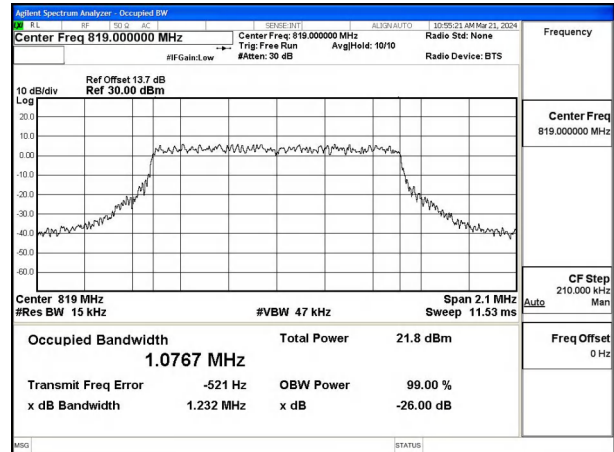


Fig.2

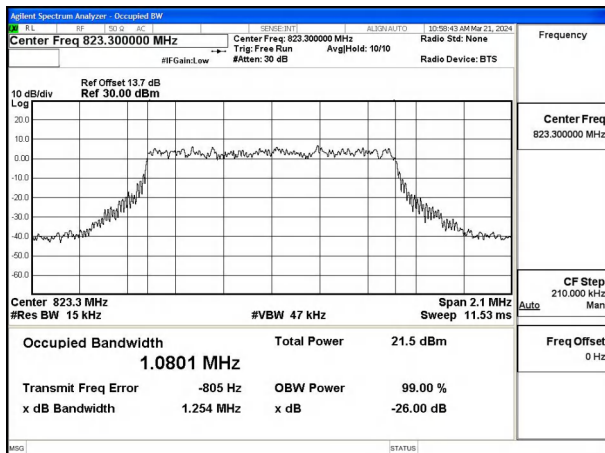


Fig.3

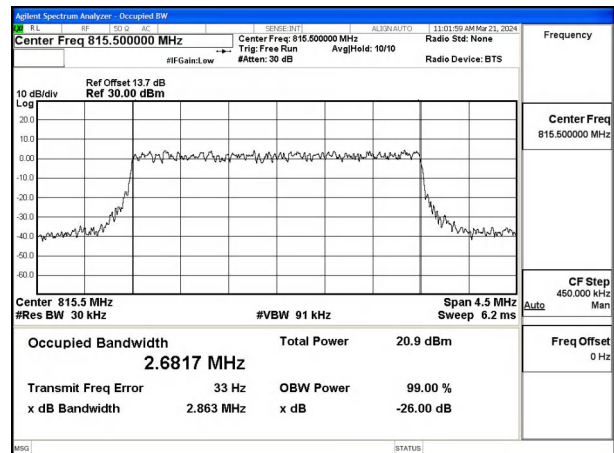


Fig.4

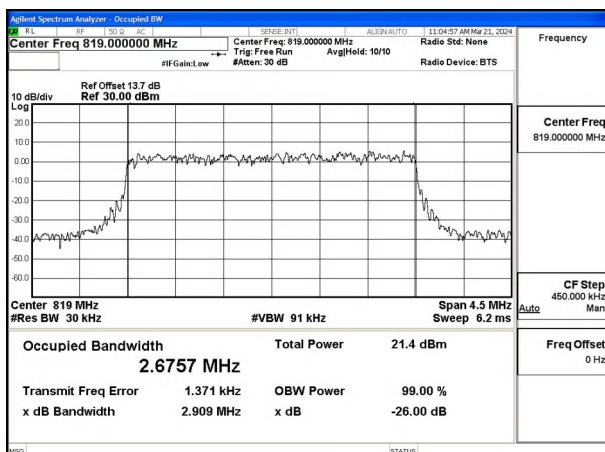


Fig.5

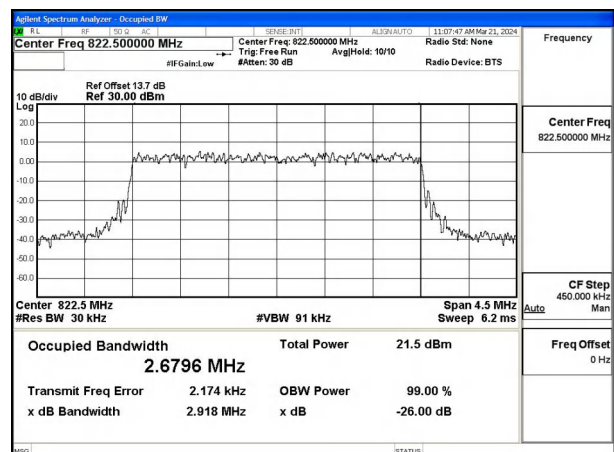


Fig.6

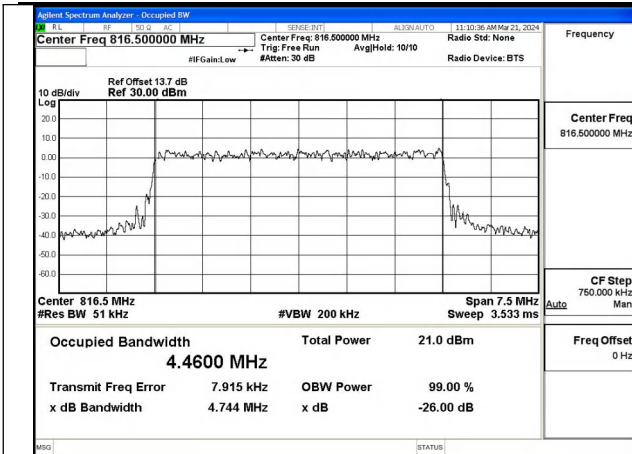


Fig.7

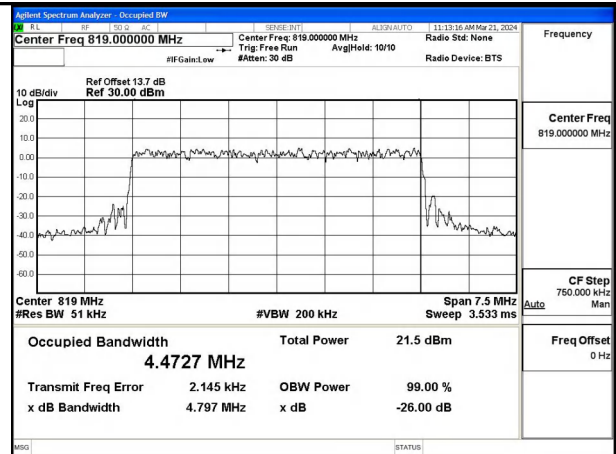


Fig.8

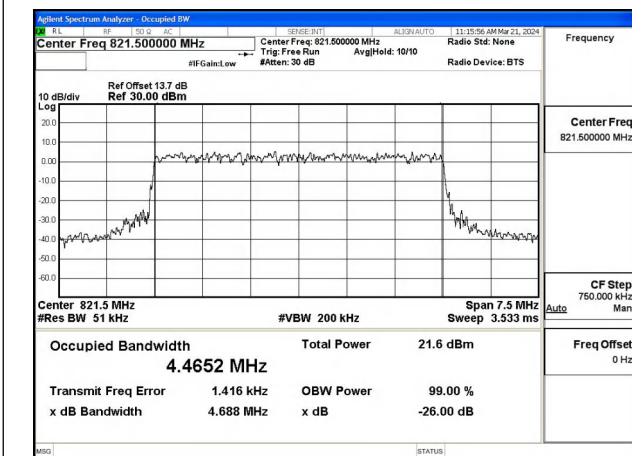


Fig.9

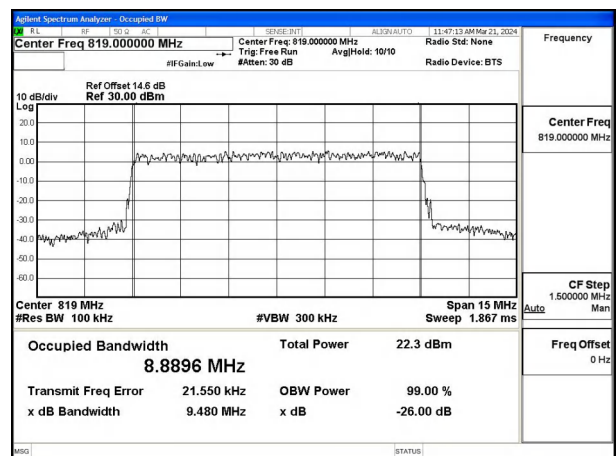


Fig.10

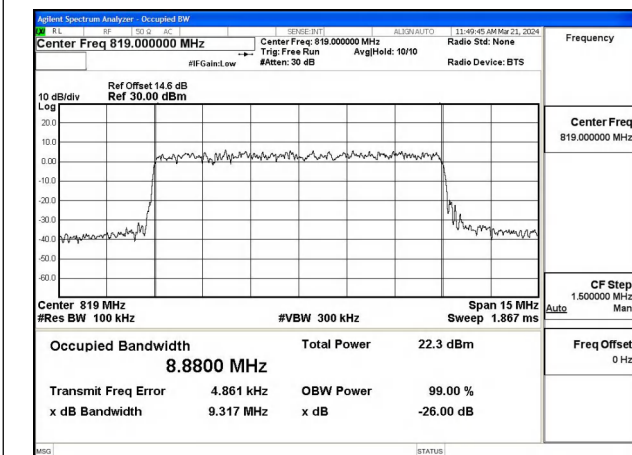


Fig.11

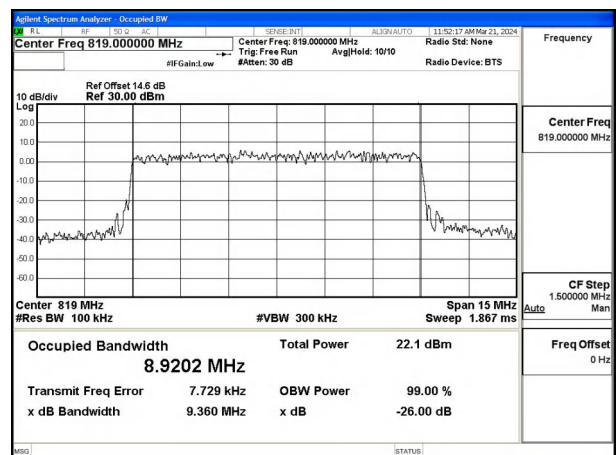


Fig.12

Test Mode: 16QAM

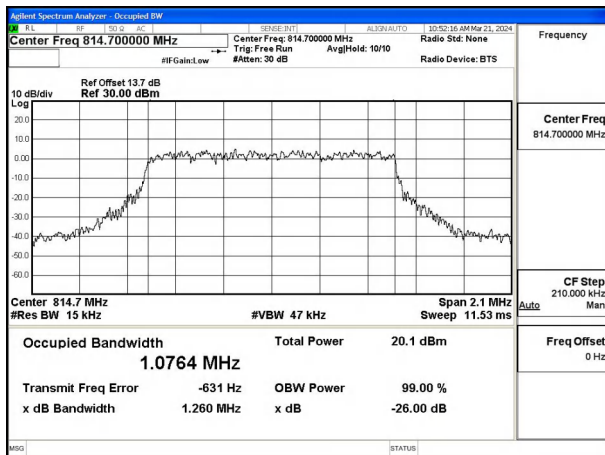


Fig.13

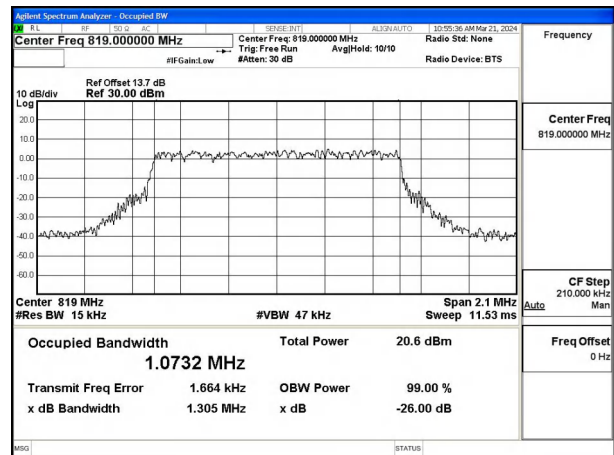


Fig.14

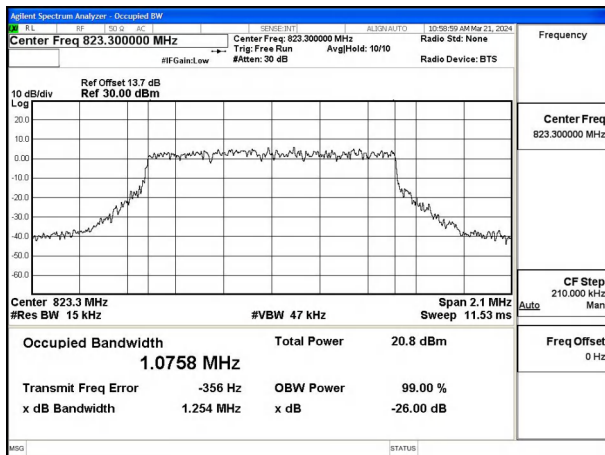


Fig.15

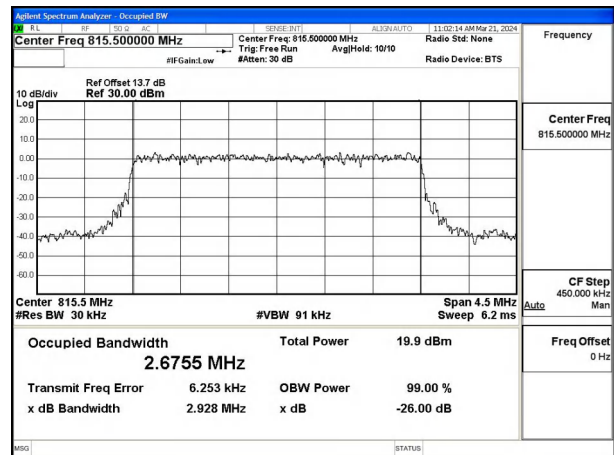


Fig.16

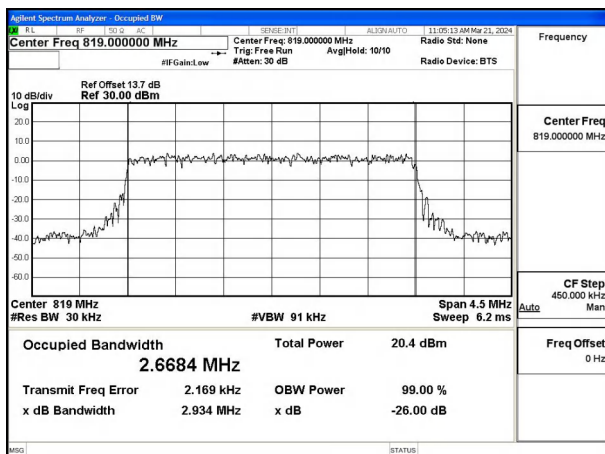


Fig.17

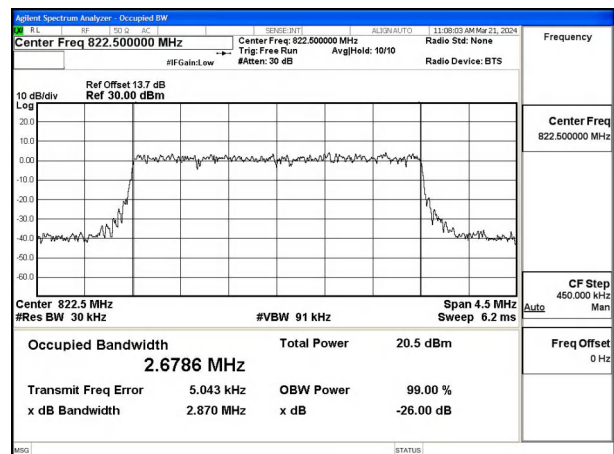


Fig.18

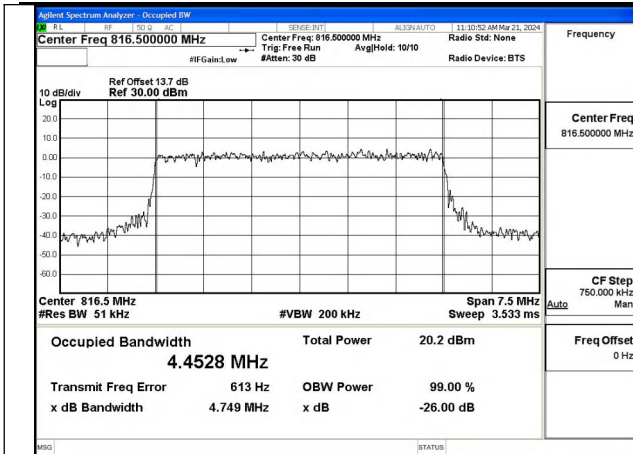


Fig.19

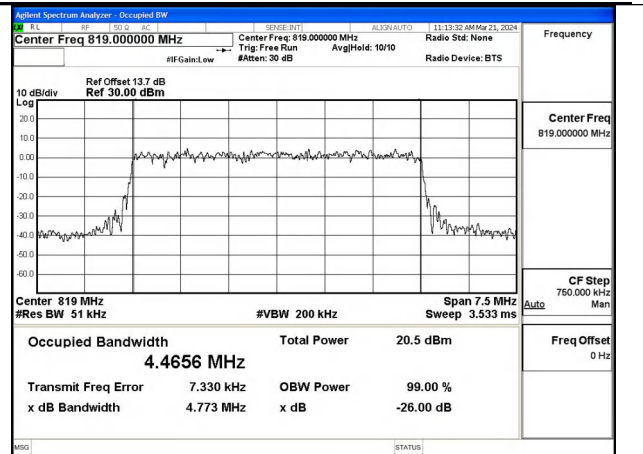


Fig.20

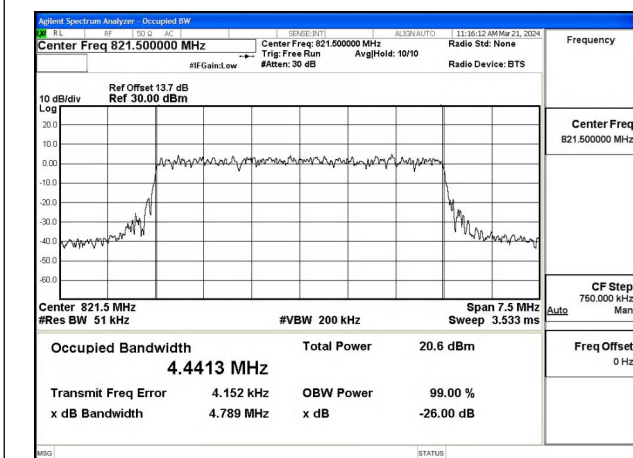


Fig.21

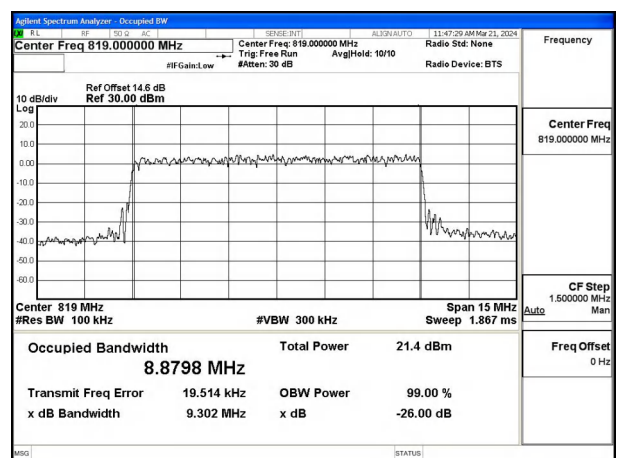


Fig.22

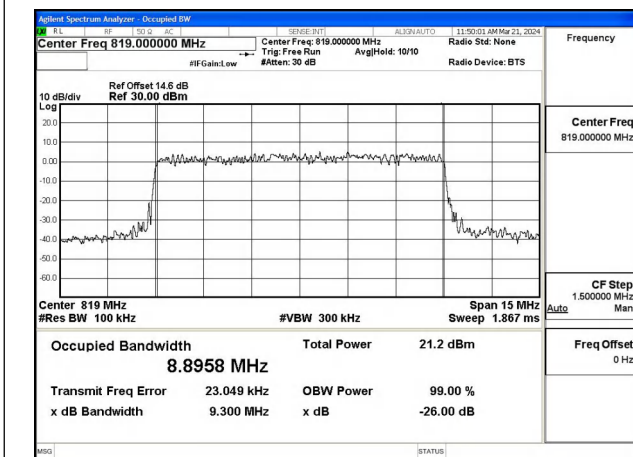


Fig.23

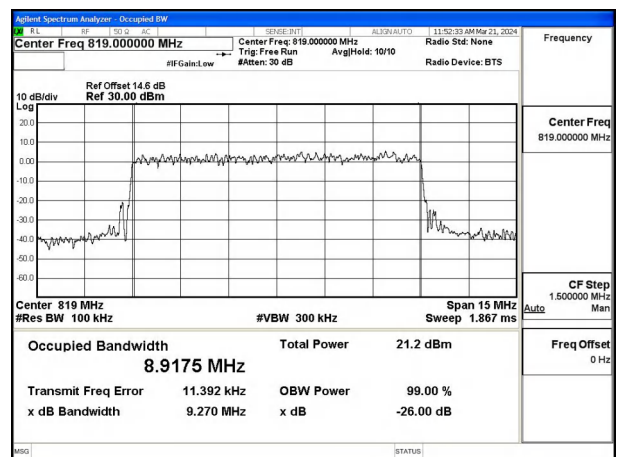


Fig.24

Test Mode: 64QAM

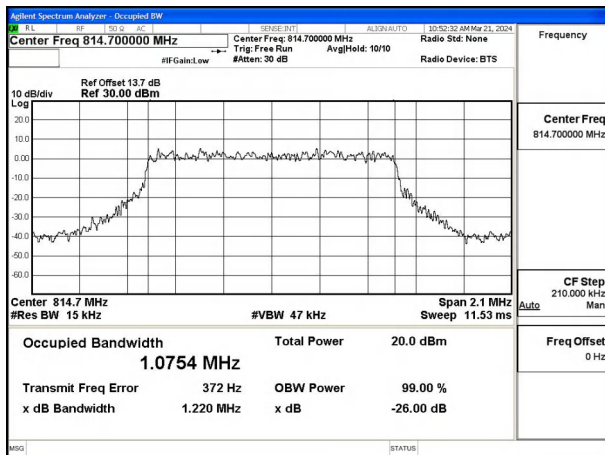


Fig.25

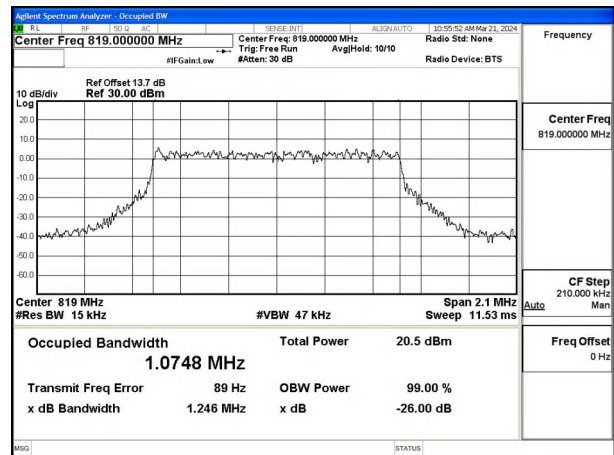


Fig.26

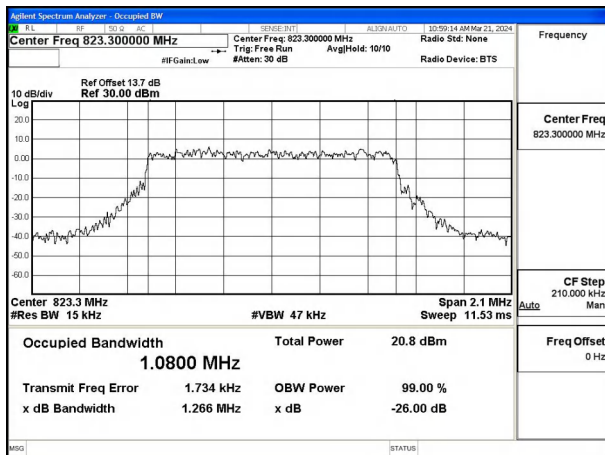


Fig.27

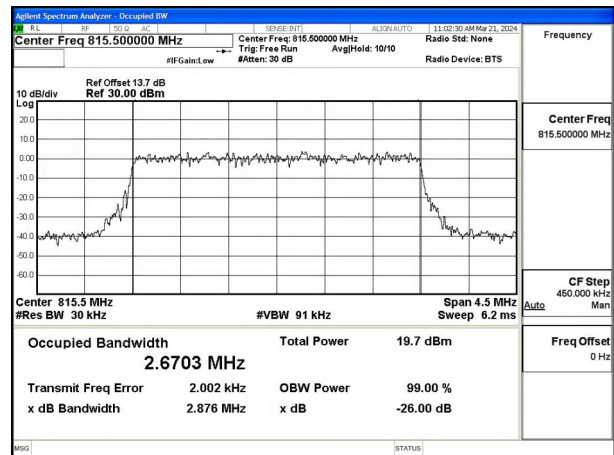


Fig.28

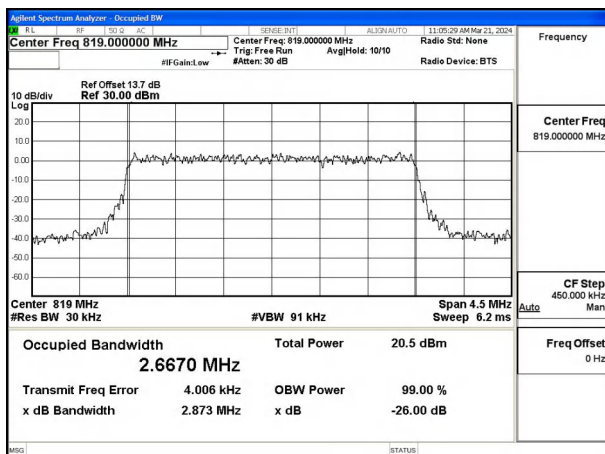


Fig.29

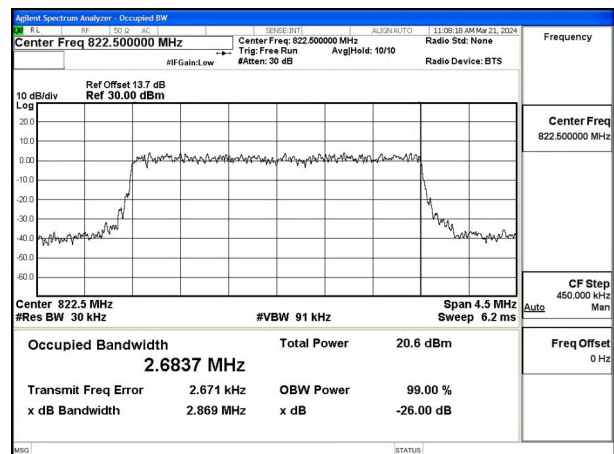


Fig.30

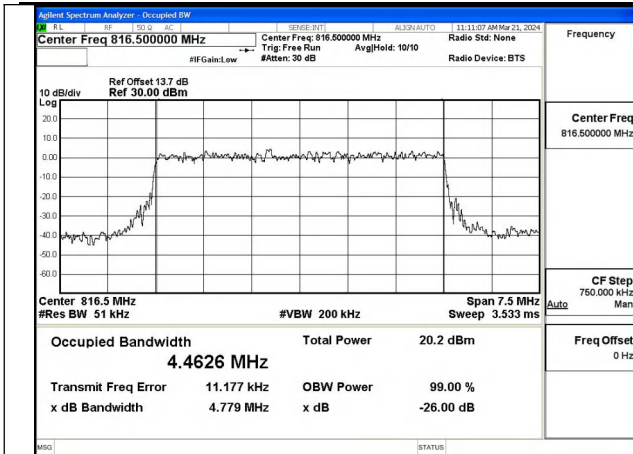


Fig.31

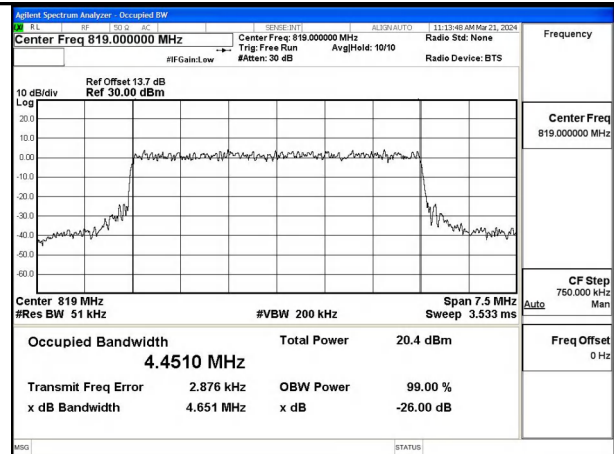


Fig.32

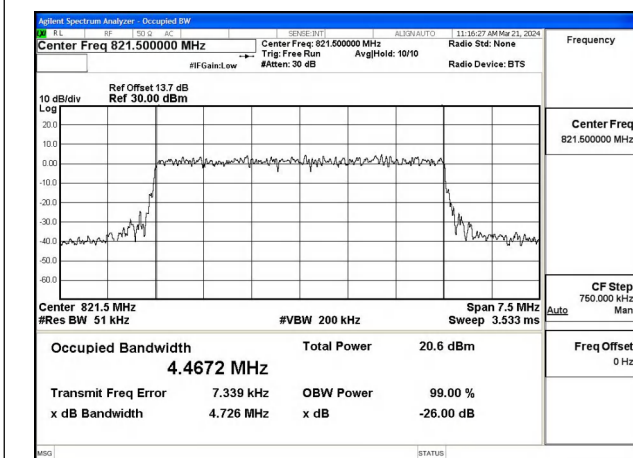


Fig.33

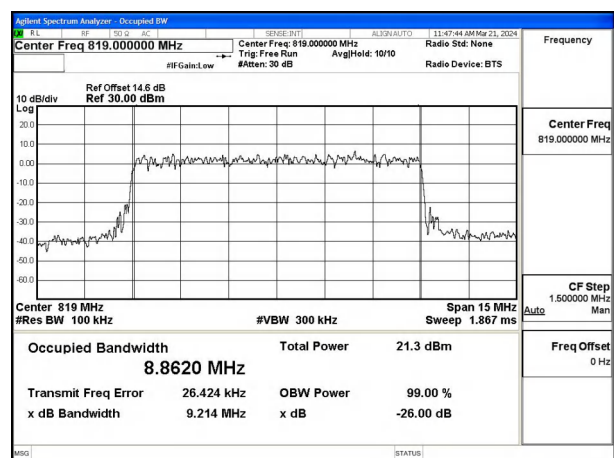


Fig.34

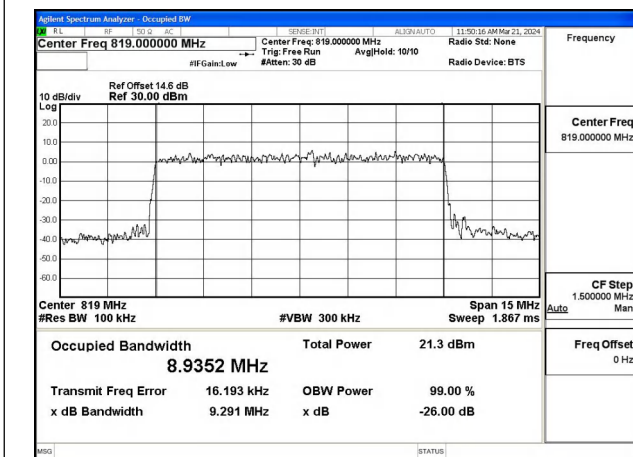


Fig.35

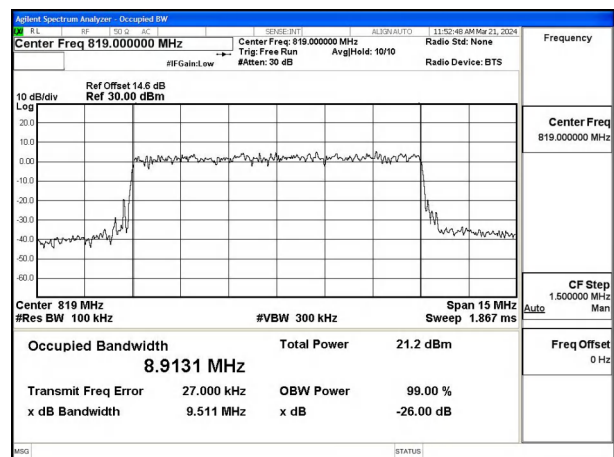


Fig.36

3 Emission Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
26	QPSK	814.7	26697	1.4	6	0	1.267	Fig.1
26	QPSK	819	26740	1.4	6	0	1.232	Fig.2
26	QPSK	823.3	26783	1.4	6	0	1.254	Fig.3
26	QPSK	815.5	26705	3	15	0	2.863	Fig.4
26	QPSK	819	26740	3	15	0	2.909	Fig.5
26	QPSK	822.5	26775	3	15	0	2.918	Fig.6
26	QPSK	816.5	26715	5	25	0	4.744	Fig.7
26	QPSK	819	26740	5	25	0	4.797	Fig.8
26	QPSK	821.5	26765	5	25	0	4.688	Fig.9
26	QPSK	819	26740	10	50	0	9.480	Fig.10
26	QPSK	819	26740	10	50	0	9.317	Fig.11
26	QPSK	819	26740	10	50	0	9.360	Fig.12

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
26	16QAM	814.7	26697	1.4	6	0	1.260	Fig.13
26	16QAM	819	26740	1.4	6	0	1.305	Fig.14
26	16QAM	823.3	26783	1.4	6	0	1.254	Fig.15
26	16QAM	815.5	26705	3	15	0	2.928	Fig.16
26	16QAM	819	26740	3	15	0	2.934	Fig.17
26	16QAM	822.5	26775	3	15	0	2.870	Fig.18
26	16QAM	816.5	26715	5	25	0	4.749	Fig.19
26	16QAM	819	26740	5	25	0	4.773	Fig.20
26	16QAM	821.5	26765	5	25	0	4.789	Fig.21
26	16QAM	819	26740	10	50	0	9.302	Fig.22
26	16QAM	819	26740	10	50	0	9.300	Fig.23
26	16QAM	819	26740	10	50	0	9.270	Fig.24

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
26	64QAM	814.7	26697	1.4	6	0	1.220	Fig.25
26	64QAM	819	26740	1.4	6	0	1.246	Fig.26
26	64QAM	823.3	26783	1.4	6	0	1.266	Fig.27
26	64QAM	815.5	26705	3	15	0	2.876	Fig.28
26	64QAM	819	26740	3	15	0	2.873	Fig.29
26	64QAM	822.5	26775	3	15	0	2.869	Fig.30
26	64QAM	816.5	26715	5	25	0	4.779	Fig.31
26	64QAM	819	26740	5	25	0	4.651	Fig.32
26	64QAM	821.5	26765	5	25	0	4.726	Fig.33
26	64QAM	819	26740	10	50	0	9.214	Fig.34
26	64QAM	819	26740	10	50	0	9.291	Fig.35
26	64QAM	819	26740	10	50	0	9.511	Fig.36

Test Mode: QPSK

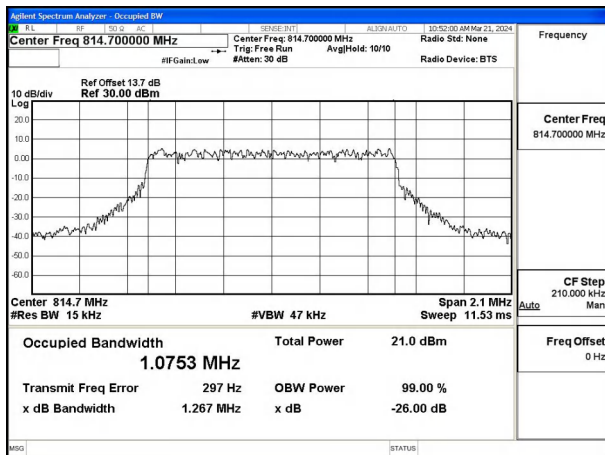


Fig.1

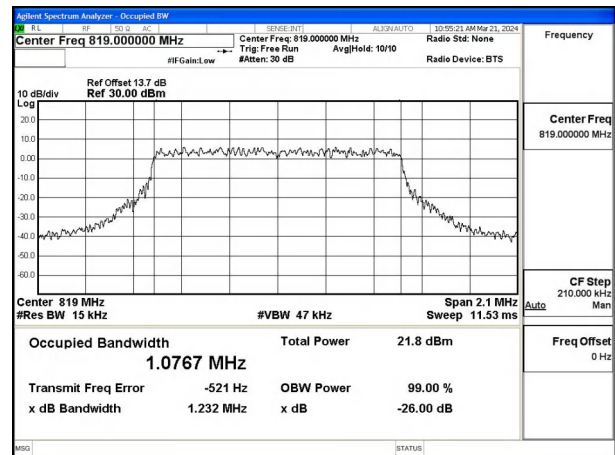


Fig.2

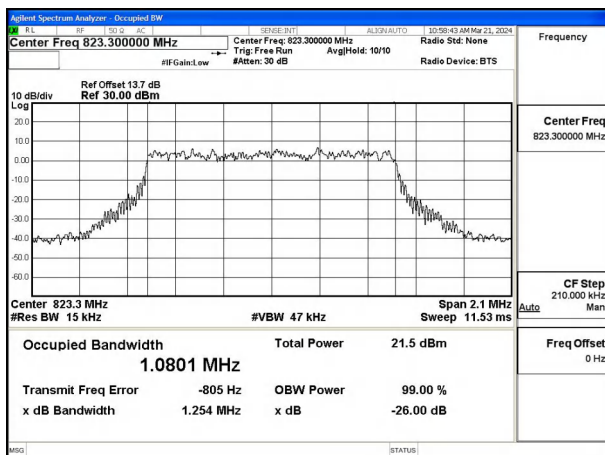


Fig.3

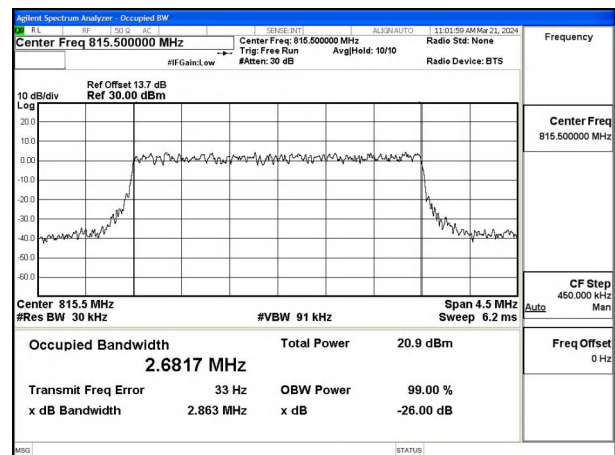


Fig.4

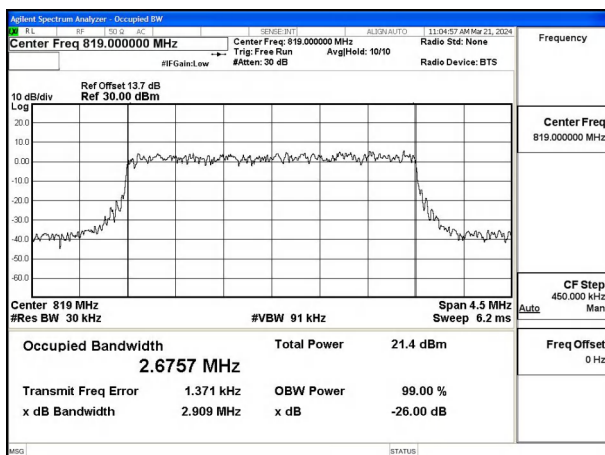


Fig.5

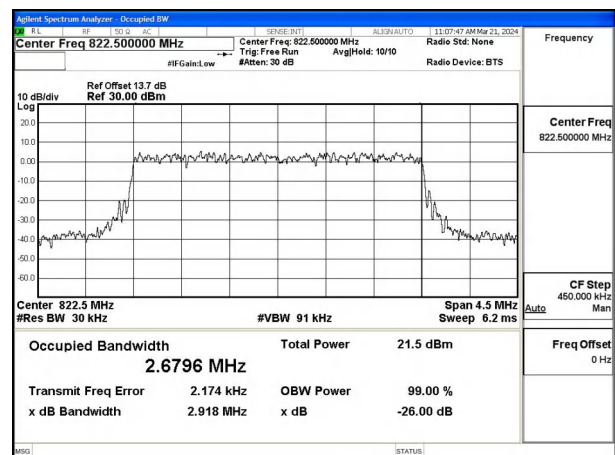


Fig.6

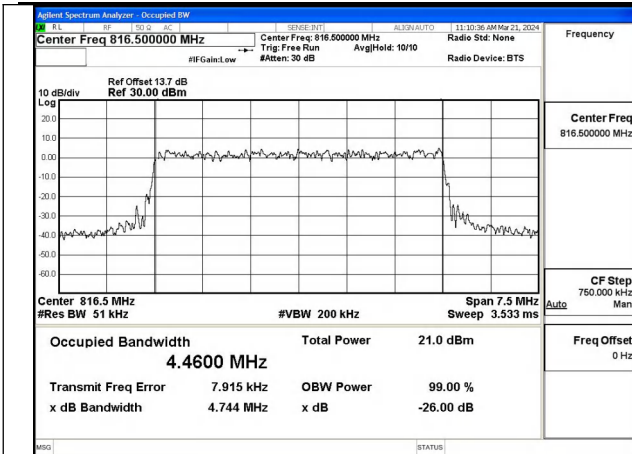


Fig.7

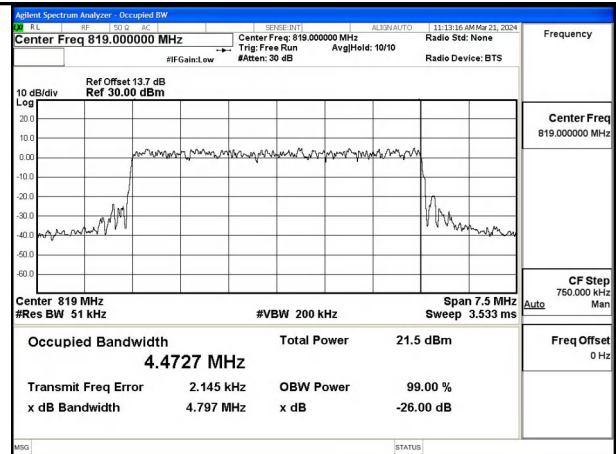


Fig.8

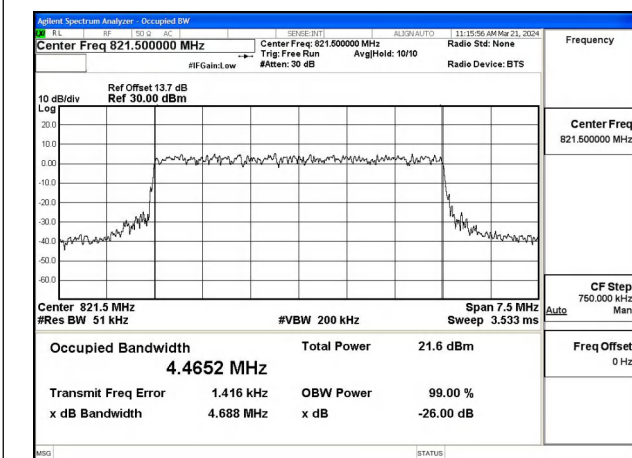


Fig.9

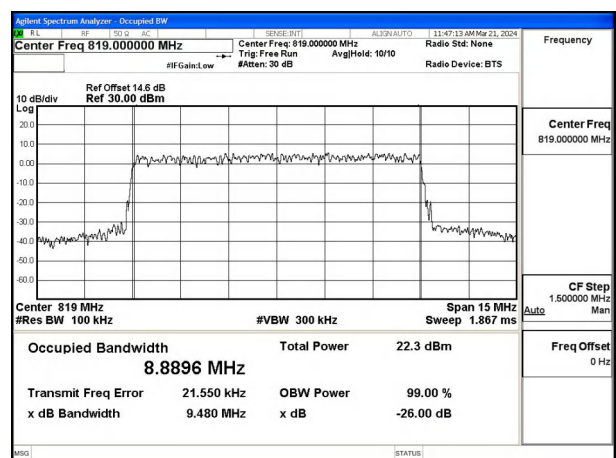


Fig.10

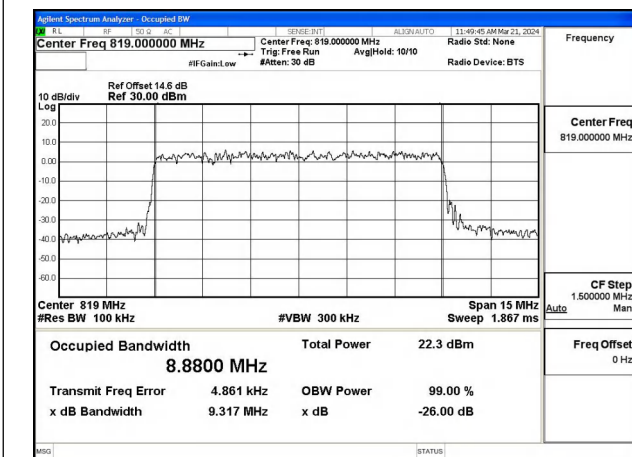


Fig.11

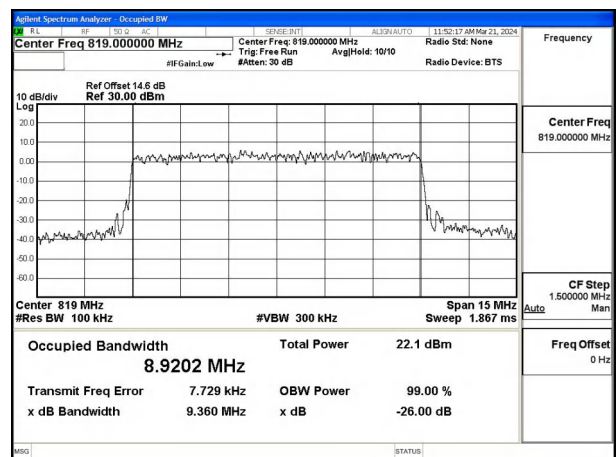


Fig.12

Test Mode: 16QAM

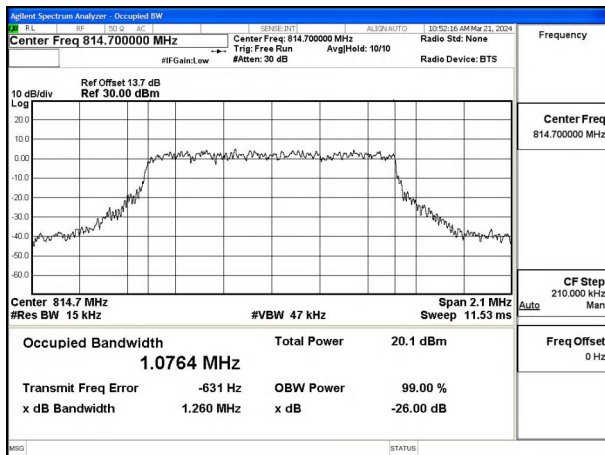


Fig.13

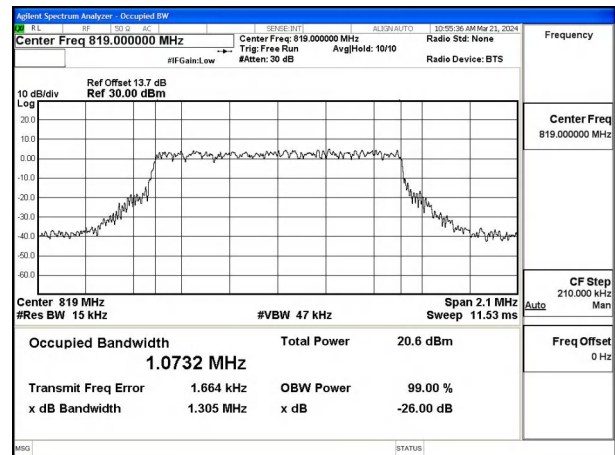


Fig.14

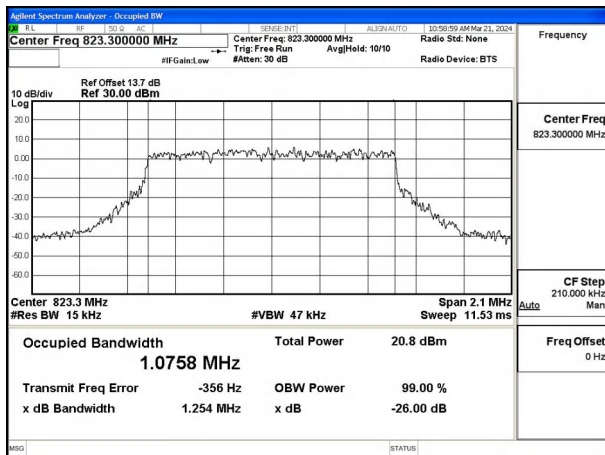


Fig.15

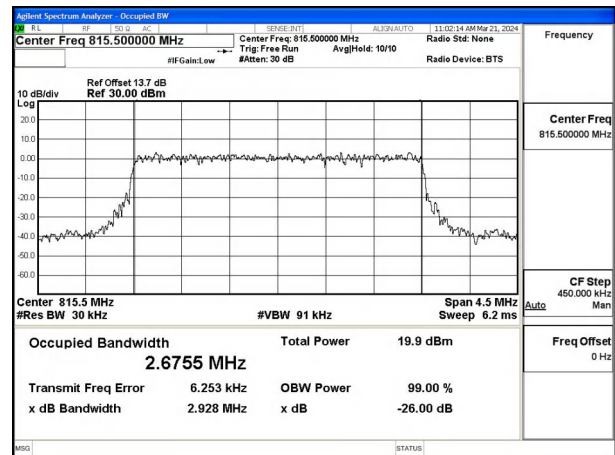


Fig.16

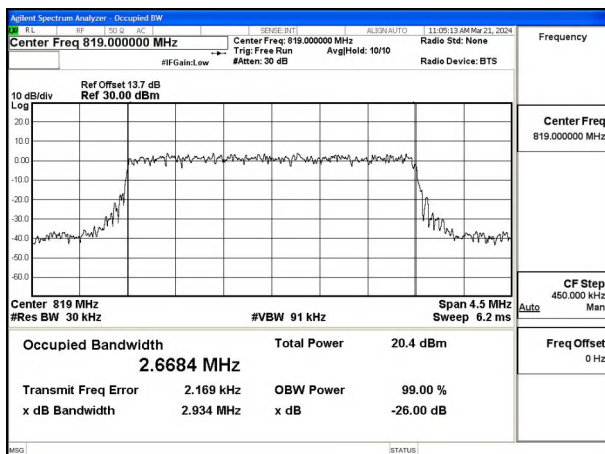


Fig.17

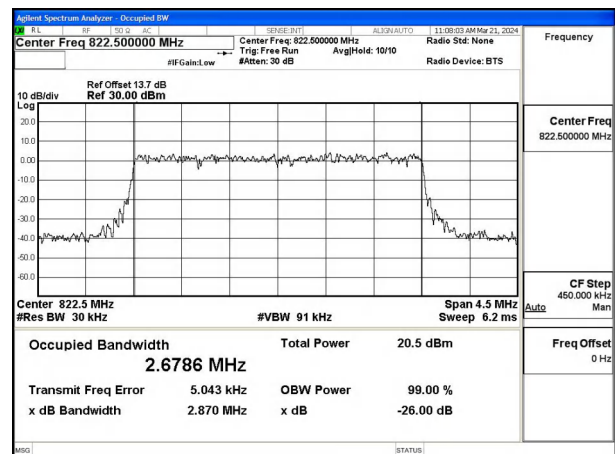


Fig.18

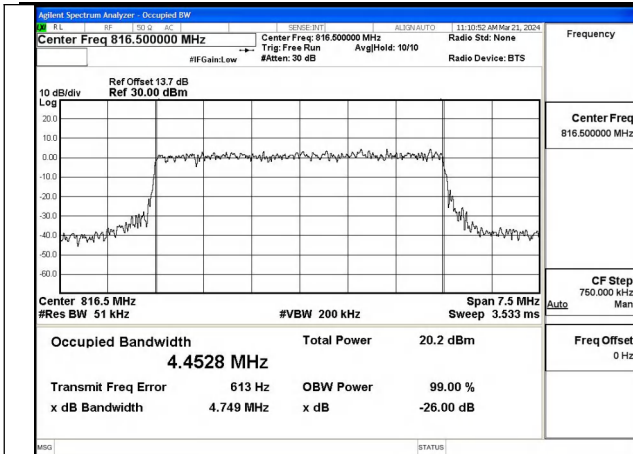


Fig.19

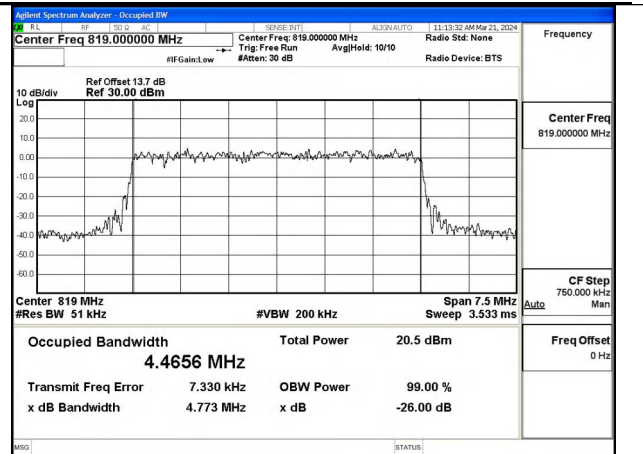


Fig.20

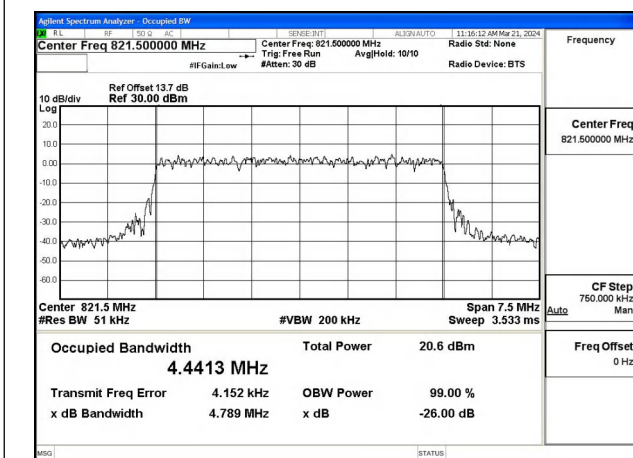


Fig.21

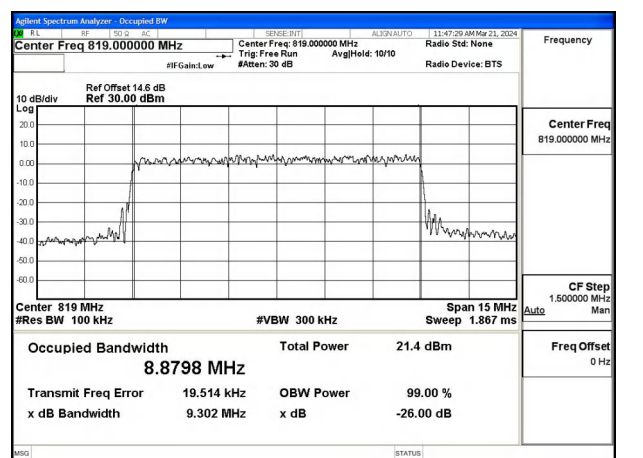


Fig.22

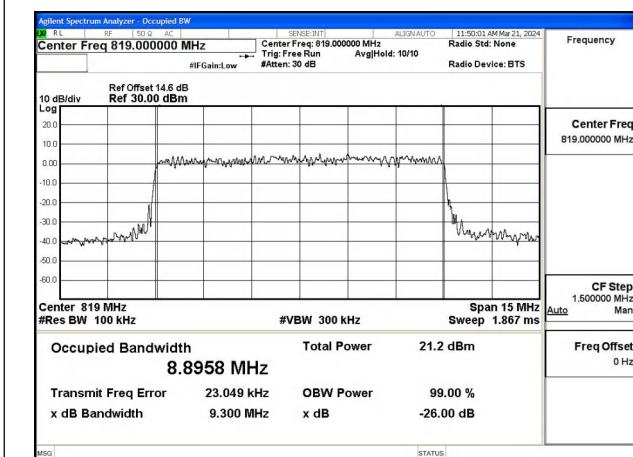


Fig.23

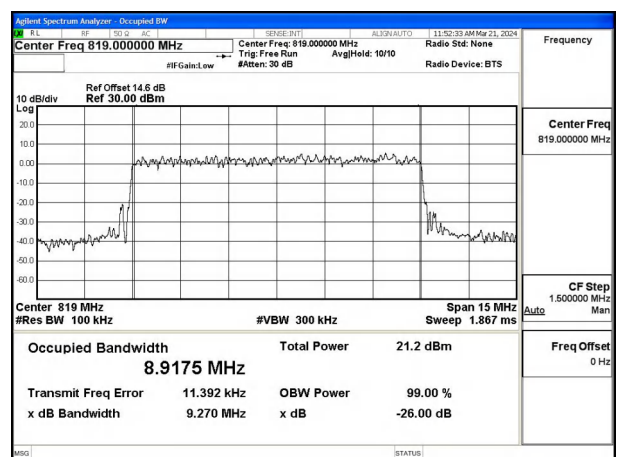


Fig.24

Test Mode: 64QAM

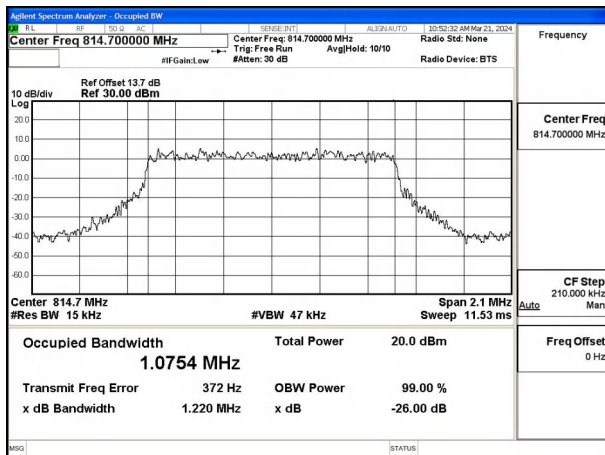


Fig.25

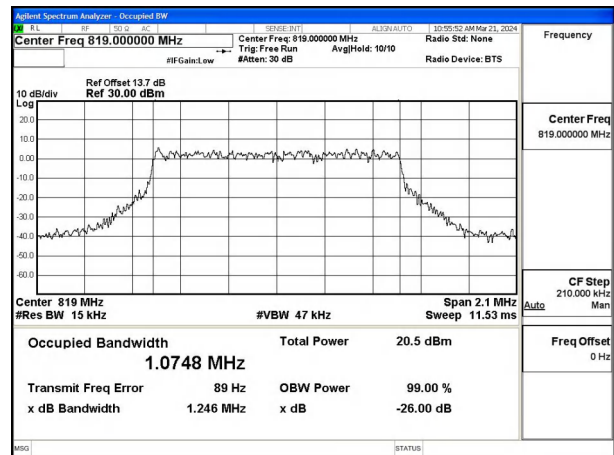


Fig.26

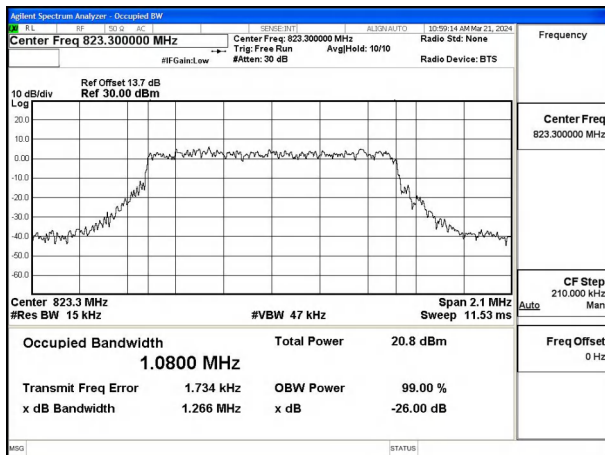


Fig.27

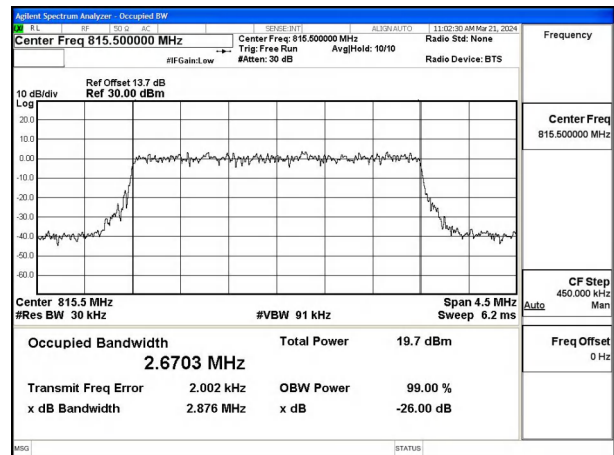


Fig.28

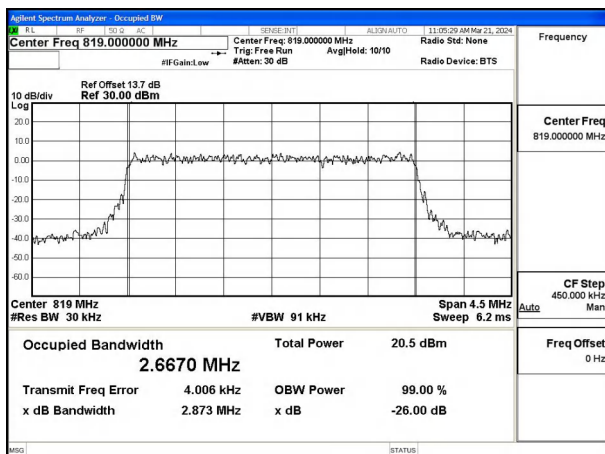


Fig.29

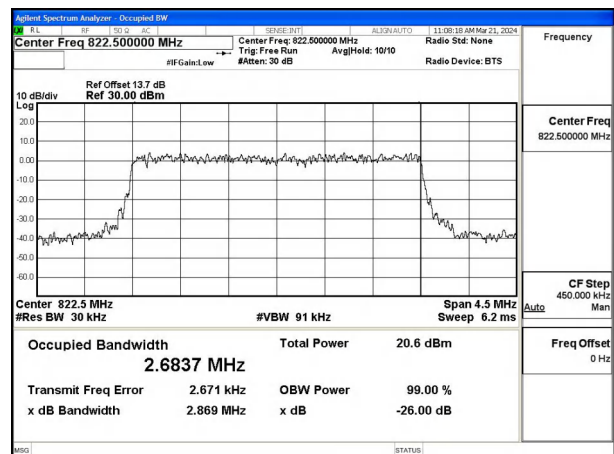


Fig.30