

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 26(814-824)

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	23.60
QPSK	814.7	26697	1.4	1	3	23.70
QPSK	814.7	26697	1.4	1	5	23.72
QPSK	814.7	26697	1.4	3	0	23.31
QPSK	814.7	26697	1.4	3	1	23.23
QPSK	814.7	26697	1.4	3	3	23.26
QPSK	814.7	26697	1.4	6	0	21.41
QPSK	819	26740	1.4	1	0	23.67
QPSK	819	26740	1.4	1	3	23.73
QPSK	819	26740	1.4	1	5	23.73
QPSK	819	26740	1.4	3	0	23.36
QPSK	819	26740	1.4	3	1	23.31
QPSK	819	26740	1.4	3	3	23.26
QPSK	819	26740	1.4	6	0	21.36
QPSK	823.3	26783	1.4	1	0	23.98
QPSK	823.3	26783	1.4	1	3	23.93
QPSK	823.3	26783	1.4	1	5	24.11
QPSK	823.3	26783	1.4	3	0	23.36
QPSK	823.3	26783	1.4	3	1	23.29
QPSK	823.3	26783	1.4	3	3	23.27
QPSK	823.3	26783	1.4	6	0	21.40

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	814.7	26697	1.4	1	0	23.09
16QAM	814.7	26697	1.4	1	3	23.47
16QAM	814.7	26697	1.4	1	5	23.20
16QAM	814.7	26697	1.4	3	0	22.52
16QAM	814.7	26697	1.4	3	1	22.61
16QAM	814.7	26697	1.4	3	3	22.20
16QAM	814.7	26697	1.4	6	0	20.91
16QAM	819	26740	1.4	1	0	23.35
16QAM	819	26740	1.4	1	3	23.46
16QAM	819	26740	1.4	1	5	23.21
16QAM	819	26740	1.4	3	0	23.35
16QAM	819	26740	1.4	3	1	22.64
16QAM	819	26740	1.4	3	3	22.76
16QAM	819	26740	1.4	6	0	21.07
16QAM	823.3	26783	1.4	1	0	23.00
16QAM	823.3	26783	1.4	1	3	23.14
16QAM	823.3	26783	1.4	1	5	23.04
16QAM	823.3	26783	1.4	3	0	22.60
16QAM	823.3	26783	1.4	3	1	22.73
16QAM	823.3	26783	1.4	3	3	22.54
16QAM	823.3	26783	1.4	6	0	21.25
64QAM	814.7	26697	1.4	1	0	21.76
64QAM	814.7	26697	1.4	1	3	21.89
64QAM	814.7	26697	1.4	1	5	21.65
64QAM	814.7	26697	1.4	3	0	21.09
64QAM	814.7	26697	1.4	3	1	21.15
64QAM	814.7	26697	1.4	3	3	21.11
64QAM	814.7	26697	1.4	6	0	20.32
64QAM	819	26740	1.4	1	0	22.04
64QAM	819	26740	1.4	1	3	21.62
64QAM	819	26740	1.4	1	5	21.75
64QAM	819	26740	1.4	3	0	21.12
64QAM	819	26740	1.4	3	1	21.28
64QAM	819	26740	1.4	3	3	21.36
64QAM	819	26740	1.4	6	0	20.41
64QAM	823.3	26783	1.4	1	0	22.65
64QAM	823.3	26783	1.4	1	3	22.40
64QAM	823.3	26783	1.4	1	5	21.77
64QAM	823.3	26783	1.4	3	0	21.17
64QAM	823.3	26783	1.4	3	1	21.50
64QAM	823.3	26783	1.4	3	3	21.41
64QAM	823.3	26783	1.4	6	0	20.97

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	815.5	26705	3	1	0	23.62
QPSK	815.5	26705	3	1	8	23.67
QPSK	815.5	26705	3	1	14	23.66
QPSK	815.5	26705	3	8	0	21.43
QPSK	815.5	26705	3	8	4	21.51
QPSK	815.5	26705	3	8	7	21.53
QPSK	815.5	26705	3	15	0	21.22
QPSK	819	26740	3	1	0	23.83
QPSK	819	26740	3	1	8	23.82
QPSK	819	26740	3	1	14	23.83
QPSK	819	26740	3	8	0	21.50
QPSK	819	26740	3	8	4	21.52
QPSK	819	26740	3	8	7	21.43
QPSK	819	26740	3	15	0	21.38
QPSK	822.5	26775	3	1	0	23.87
QPSK	822.5	26775	3	1	8	23.82
QPSK	822.5	26775	3	1	14	23.77
QPSK	822.5	26775	3	8	0	21.39
QPSK	822.5	26775	3	8	4	21.46
QPSK	822.5	26775	3	8	7	21.23
QPSK	822.5	26775	3	15	0	21.39

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	815.5	26705	3	1	0	23.03
16QAM	815.5	26705	3	1	8	23.31
16QAM	815.5	26705	3	1	14	23.76
16QAM	815.5	26705	3	8	0	21.51
16QAM	815.5	26705	3	8	4	21.39
16QAM	815.5	26705	3	8	7	21.57
16QAM	815.5	26705	3	15	0	21.41
16QAM	819	26740	3	1	0	23.25
16QAM	819	26740	3	1	8	23.82
16QAM	819	26740	3	1	14	23.19
16QAM	819	26740	3	8	0	21.41
16QAM	819	26740	3	8	4	21.50
16QAM	819	26740	3	8	7	21.50
16QAM	819	26740	3	15	0	21.51
16QAM	822.5	26775	3	1	0	23.22
16QAM	822.5	26775	3	1	8	23.27
16QAM	822.5	26775	3	1	14	23.09
16QAM	822.5	26775	3	8	0	21.51
16QAM	822.5	26775	3	8	4	21.37
16QAM	822.5	26775	3	8	7	21.43
16QAM	822.5	26775	3	15	0	21.40
64QAM	815.5	26705	3	1	0	21.78
64QAM	815.5	26705	3	1	8	21.57
64QAM	815.5	26705	3	1	14	22.05
64QAM	815.5	26705	3	8	0	20.40
64QAM	815.5	26705	3	8	4	20.13
64QAM	815.5	26705	3	8	7	20.60
64QAM	815.5	26705	3	15	0	20.52
64QAM	819	26740	3	1	0	21.61
64QAM	819	26740	3	1	8	21.58
64QAM	819	26740	3	1	14	22.01
64QAM	819	26740	3	8	0	20.49
64QAM	819	26740	3	8	4	20.27
64QAM	819	26740	3	8	7	20.49
64QAM	819	26740	3	15	0	20.45
64QAM	822.5	26775	3	1	0	21.53
64QAM	822.5	26775	3	1	8	21.68
64QAM	822.5	26775	3	1	14	21.47
64QAM	822.5	26775	3	8	0	20.54
64QAM	822.5	26775	3	8	4	20.49
64QAM	822.5	26775	3	8	7	20.65
64QAM	822.5	26775	3	15	0	20.75

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	816.5	26715	5	1	0	23.62
QPSK	816.5	26715	5	1	12	23.78
QPSK	816.5	26715	5	1	24	23.70
QPSK	816.5	26715	5	12	0	21.22
QPSK	816.5	26715	5	12	7	21.49
QPSK	816.5	26715	5	12	13	21.39
QPSK	816.5	26715	5	25	0	21.43
QPSK	819	26740	5	1	0	24.10
QPSK	819	26740	5	1	12	23.95
QPSK	819	26740	5	1	24	23.69
QPSK	819	26740	5	12	0	21.30
QPSK	819	26740	5	12	7	21.26
QPSK	819	26740	5	12	13	21.27
QPSK	819	26740	5	25	0	21.16
QPSK	821.5	26765	5	1	0	23.75
QPSK	821.5	26765	5	1	12	23.99
QPSK	821.5	26765	5	1	24	23.94
QPSK	821.5	26765	5	12	0	21.31
QPSK	821.5	26765	5	12	7	21.22
QPSK	821.5	26765	5	12	13	21.30
QPSK	821.5	26765	5	25	0	21.26

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	816.5	26715	5	1	0	23.12
16QAM	816.5	26715	5	1	12	23.33
16QAM	816.5	26715	5	1	24	23.06
16QAM	816.5	26715	5	12	0	21.17
16QAM	816.5	26715	5	12	7	21.16
16QAM	816.5	26715	5	12	13	21.24
16QAM	816.5	26715	5	25	0	20.84
16QAM	819	26740	5	1	0	23.14
16QAM	819	26740	5	1	12	23.10
16QAM	819	26740	5	1	24	22.75
16QAM	819	26740	5	12	0	21.24
16QAM	819	26740	5	12	7	21.25
16QAM	819	26740	5	12	13	21.36
16QAM	819	26740	5	25	0	21.27
16QAM	821.5	26765	5	1	0	23.12
16QAM	821.5	26765	5	1	12	23.18
16QAM	821.5	26765	5	1	24	23.02
16QAM	821.5	26765	5	12	0	21.28
16QAM	821.5	26765	5	12	7	21.21
16QAM	821.5	26765	5	12	13	21.32
16QAM	821.5	26765	5	25	0	21.38
64QAM	816.5	26715	5	1	0	21.71
64QAM	816.5	26715	5	1	12	21.85
64QAM	816.5	26715	5	1	24	21.17
64QAM	816.5	26715	5	12	0	20.14
64QAM	816.5	26715	5	12	7	20.48
64QAM	816.5	26715	5	12	13	20.59
64QAM	816.5	26715	5	25	0	20.58
64QAM	819	26740	5	1	0	21.43
64QAM	819	26740	5	1	12	21.90
64QAM	819	26740	5	1	24	21.33
64QAM	819	26740	5	12	0	20.56
64QAM	819	26740	5	12	7	20.41
64QAM	819	26740	5	12	13	20.61
64QAM	819	26740	5	25	0	20.21
64QAM	821.5	26765	5	1	0	21.54
64QAM	821.5	26765	5	1	12	22.16
64QAM	821.5	26765	5	1	24	21.91
64QAM	821.5	26765	5	12	0	20.72
64QAM	821.5	26765	5	12	7	20.97
64QAM	821.5	26765	5	12	13	20.55
64QAM	821.5	26765	5	25	0	20.87

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	819	26740	10	1	0	24.02
QPSK	819	26740	10	1	25	23.76
QPSK	819	26740	10	1	49	23.89
QPSK	819	26740	10	25	0	21.71
QPSK	819	26740	10	25	12	21.92
QPSK	819	26740	10	25	25	21.72
QPSK	819	26740	10	50	0	21.80
QPSK	819	26740	10	1	0	24.00
QPSK	819	26740	10	1	25	23.98
QPSK	819	26740	10	1	49	23.90
QPSK	819	26740	10	25	0	21.92
QPSK	819	26740	10	25	12	21.89
QPSK	819	26740	10	25	25	21.72
QPSK	819	26740	10	50	0	21.78
QPSK	819	26740	10	1	0	24.09
QPSK	819	26740	10	1	25	24.12
QPSK	819	26740	10	1	49	23.91
QPSK	819	26740	10	25	0	21.80
QPSK	819	26740	10	25	12	21.89
QPSK	819	26740	10	25	25	21.72
QPSK	819	26740	10	50	0	21.78

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	819	26740	10	1	0	23.48
16QAM	819	26740	10	1	25	23.33
16QAM	819	26740	10	1	49	22.99
16QAM	819	26740	10	25	0	21.69
16QAM	819	26740	10	25	12	21.82
16QAM	819	26740	10	25	25	21.80
16QAM	819	26740	10	50	0	21.77
16QAM	819	26740	10	1	0	23.08
16QAM	819	26740	10	1	25	22.77
16QAM	819	26740	10	1	49	23.09
16QAM	819	26740	10	25	0	21.74
16QAM	819	26740	10	25	12	21.85
16QAM	819	26740	10	25	25	21.74
16QAM	819	26740	10	50	0	21.95
16QAM	819	26740	10	1	0	23.01
16QAM	819	26740	10	1	25	23.49
16QAM	819	26740	10	1	49	22.64
16QAM	819	26740	10	25	0	21.71
16QAM	819	26740	10	25	12	21.81
16QAM	819	26740	10	25	25	21.58
16QAM	819	26740	10	50	0	21.99
64QAM	819	26740	10	1	0	22.09
64QAM	819	26740	10	1	25	21.77
64QAM	819	26740	10	1	49	21.91
64QAM	819	26740	10	25	0	21.08
64QAM	819	26740	10	25	12	20.88
64QAM	819	26740	10	25	25	21.13
64QAM	819	26740	10	50	0	20.95
64QAM	819	26740	10	1	0	21.95
64QAM	819	26740	10	1	25	21.75
64QAM	819	26740	10	1	49	21.63
64QAM	819	26740	10	25	0	21.12
64QAM	819	26740	10	25	12	20.87
64QAM	819	26740	10	25	25	21.04
64QAM	819	26740	10	50	0	20.99
64QAM	819	26740	10	1	0	21.90
64QAM	819	26740	10	1	25	21.87
64QAM	819	26740	10	1	49	21.73
64QAM	819	26740	10	25	0	21.03
64QAM	819	26740	10	25	12	20.84
64QAM	819	26740	10	25	25	21.01
64QAM	819	26740	10	50	0	20.98

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	1.080	Fig.1
26	QPSK	819	26740	1.4	6	0	1.070	Fig.2
26	QPSK	823.3	26783	1.4	6	0	1.080	Fig.3
26	QPSK	815.5	26705	3	15	0	2.680	Fig.4
26	QPSK	819	26740	3	15	0	2.680	Fig.5
26	QPSK	822.5	26775	3	15	0	2.670	Fig.6
26	QPSK	816.5	26715	5	25	0	4.460	Fig.7
26	QPSK	819	26740	5	25	0	4.470	Fig.8
26	QPSK	821.5	26765	5	25	0	4.460	Fig.9
26	QPSK	819	26740	10	50	0	8.920	Fig.10
26	QPSK	819	26740	10	50	0	8.930	Fig.11
26	QPSK	819	26740	10	50	0	8.930	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	1.070	Fig.13
26	16QAM	819	26740	1.4	6	0	1.080	Fig.14
26	16QAM	823.3	26783	1.4	6	0	1.080	Fig.15
26	16QAM	815.5	26705	3	15	0	2.680	Fig.16
26	16QAM	819	26740	3	15	0	2.680	Fig.17
26	16QAM	822.5	26775	3	15	0	2.680	Fig.18
26	16QAM	816.5	26715	5	25	0	4.460	Fig.19
26	16QAM	819	26740	5	25	0	4.460	Fig.20
26	16QAM	821.5	26765	5	25	0	4.440	Fig.21
26	16QAM	819	26740	10	50	0	8.940	Fig.22
26	16QAM	819	26740	10	50	0	8.910	Fig.23
26	16QAM	819	26740	10	50	0	8.910	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	1.080	Fig.25
26	64QAM	819	26740	1.4	6	0	1.070	Fig.26
26	64QAM	823.3	26783	1.4	6	0	1.070	Fig.27
26	64QAM	815.5	26705	3	15	0	2.680	Fig.28
26	64QAM	819	26740	3	15	0	2.680	Fig.29
26	64QAM	822.5	26775	3	15	0	2.680	Fig.30
26	64QAM	816.5	26715	5	25	0	4.460	Fig.31
26	64QAM	819	26740	5	25	0	4.460	Fig.32
26	64QAM	821.5	26765	5	25	0	4.450	Fig.33
26	64QAM	819	26740	10	50	0	8.940	Fig.34
26	64QAM	819	26740	10	50	0	8.930	Fig.35
26	64QAM	819	26740	10	50	0	8.920	Fig.36

Test Mode: QPSK

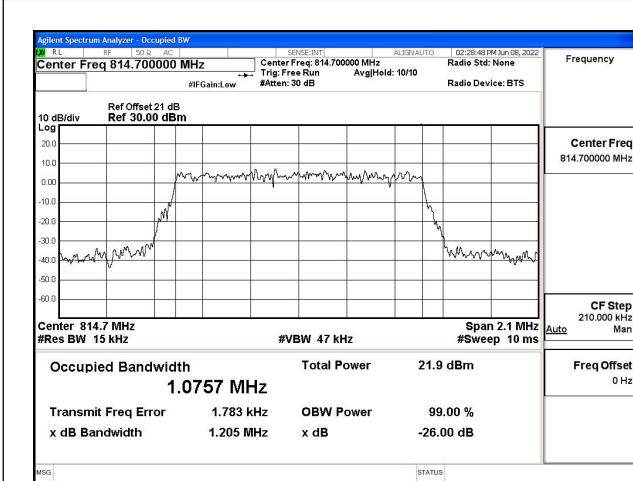


Fig.1

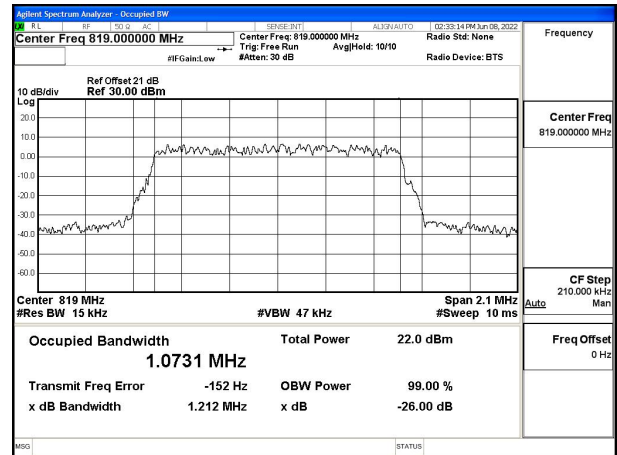


Fig.2

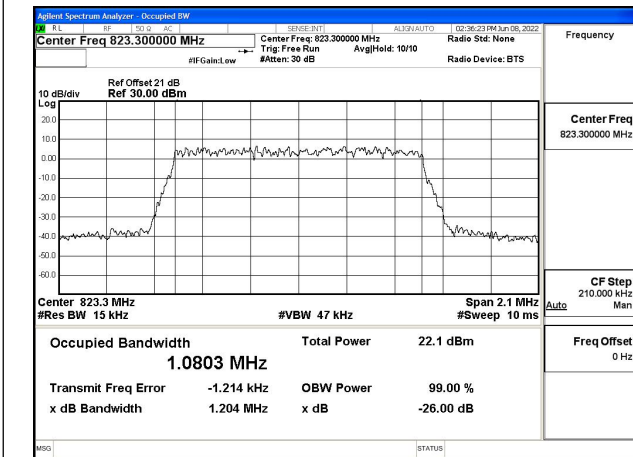


Fig.3

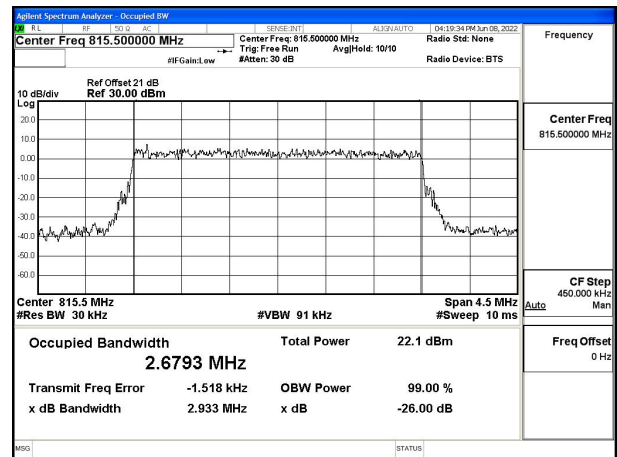


Fig.4

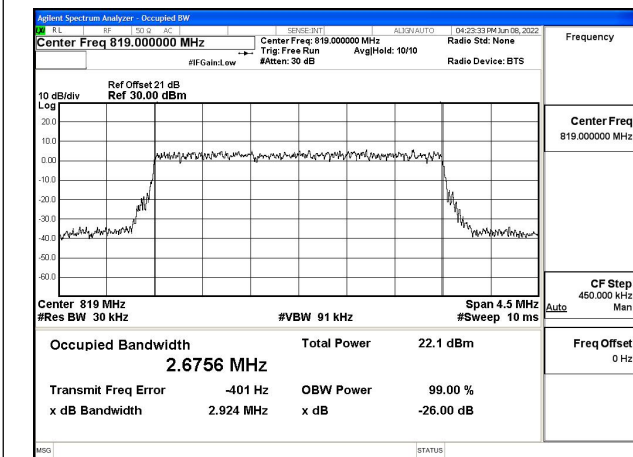


Fig.5

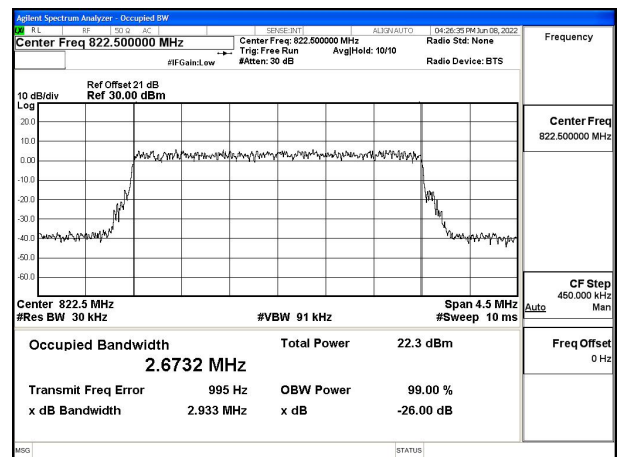


Fig.6

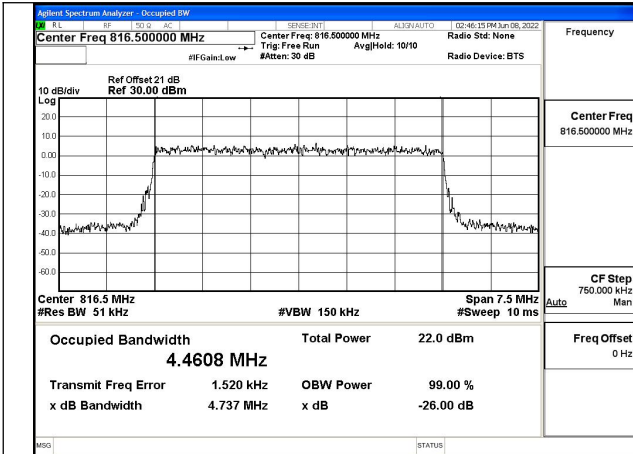


Fig.7

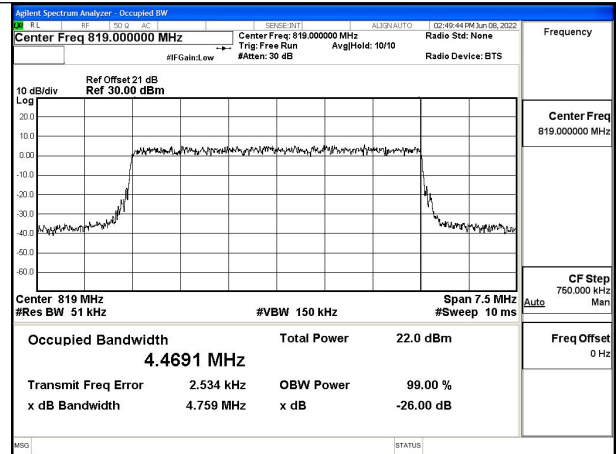


Fig.8

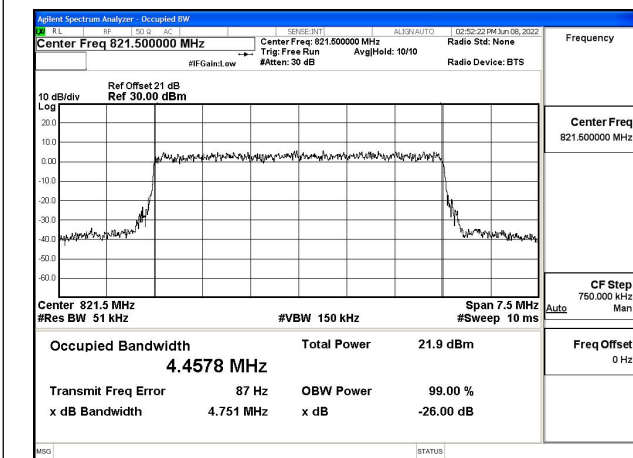


Fig.9

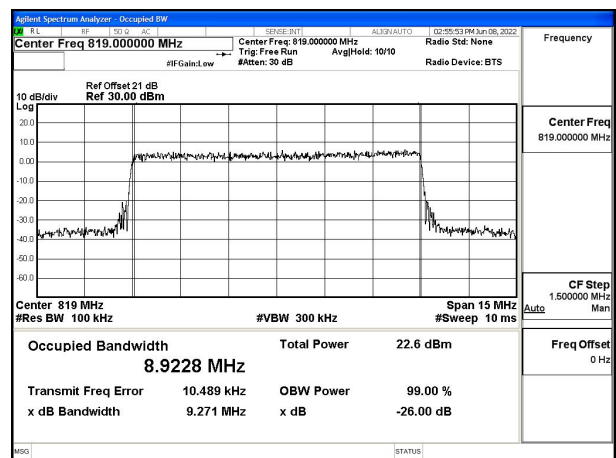


Fig.10

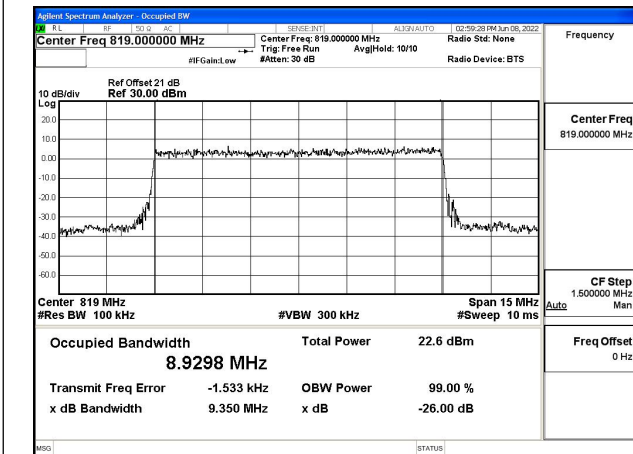


Fig.11

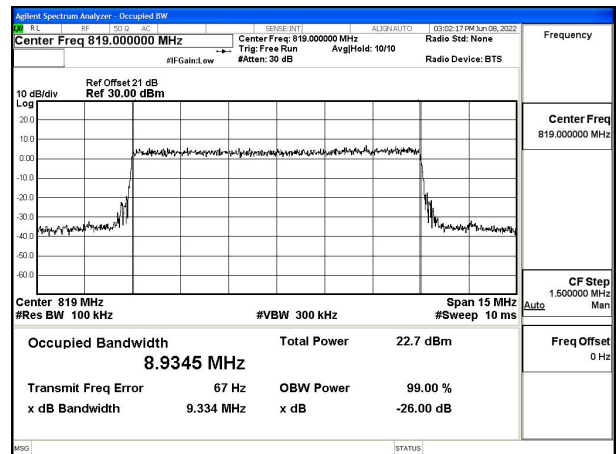


Fig.12

Test Mode: 16QAM

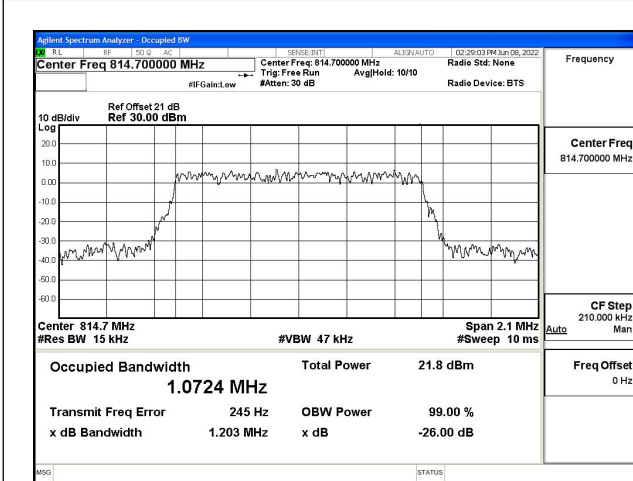


Fig. 13

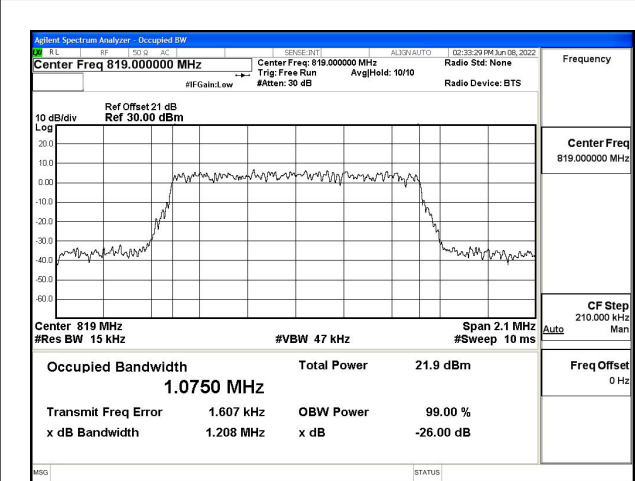


Fig. 14

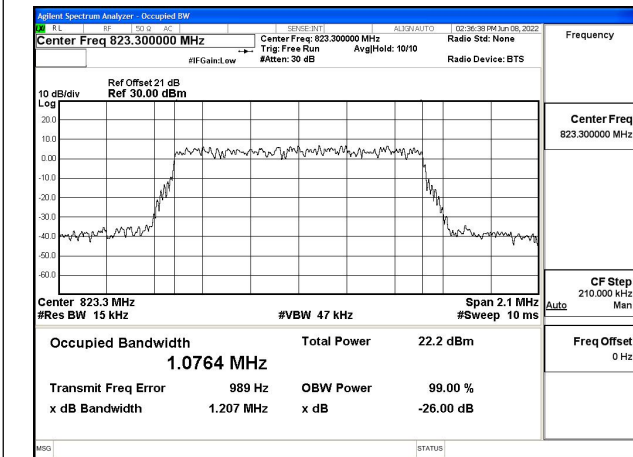


Fig. 15

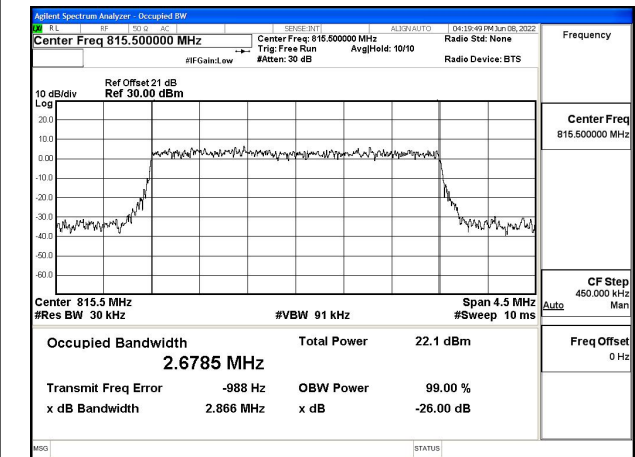


Fig. 16

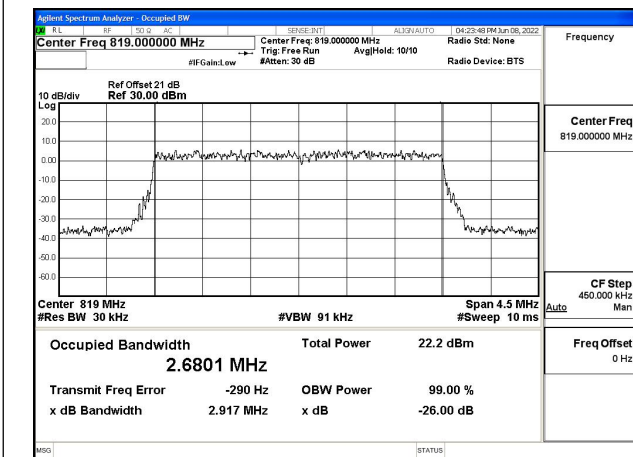


Fig. 17

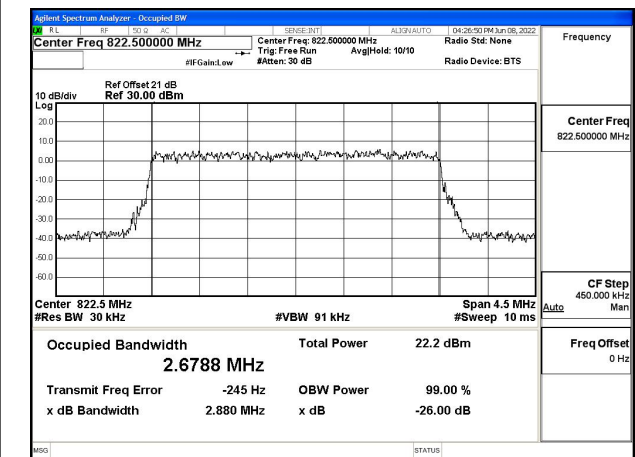


Fig. 18

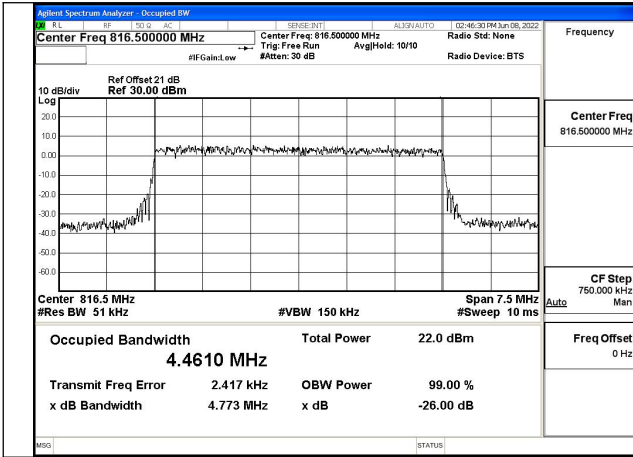


Fig.19

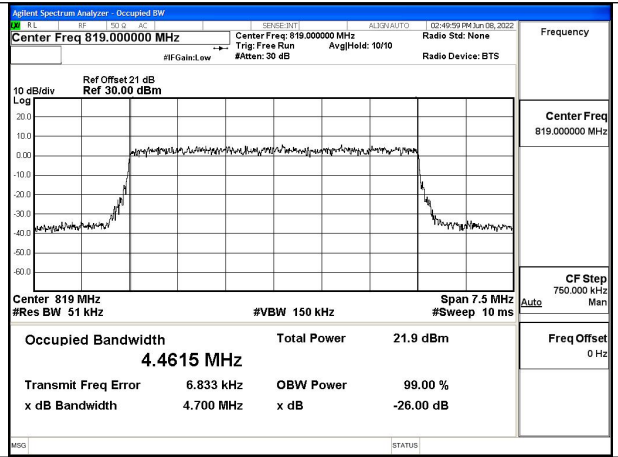


Fig.20

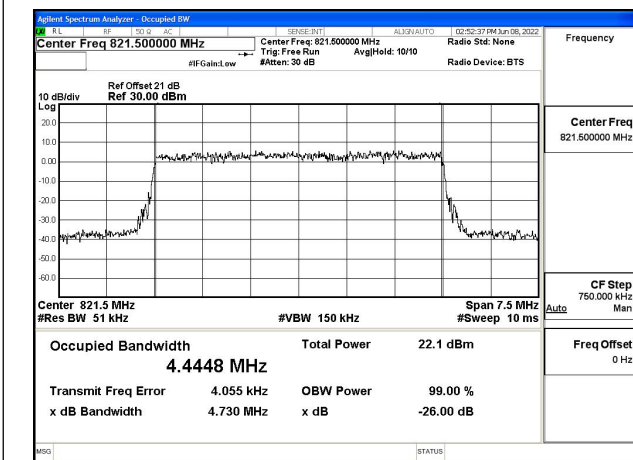


Fig.21

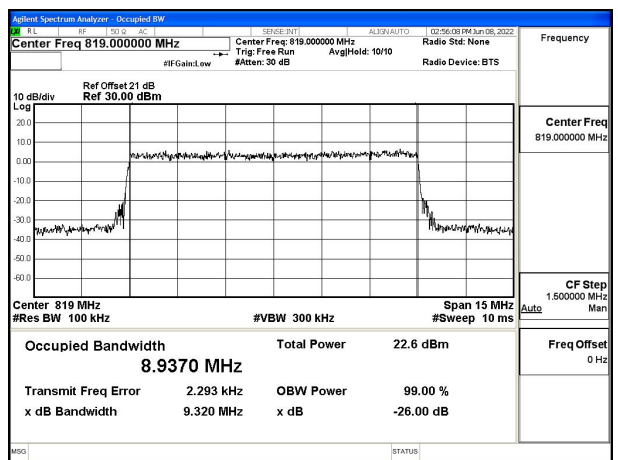


Fig.22

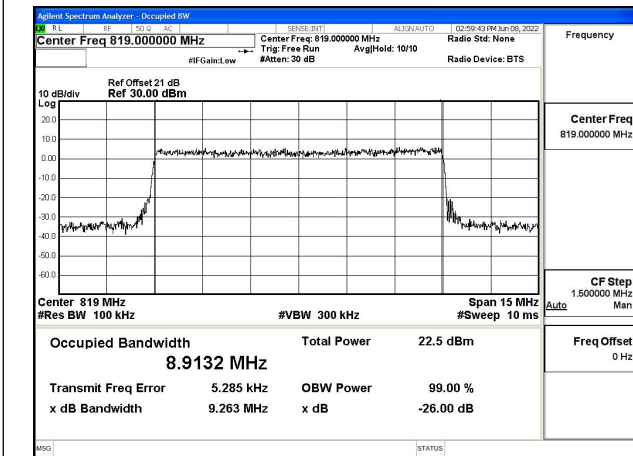


Fig.23

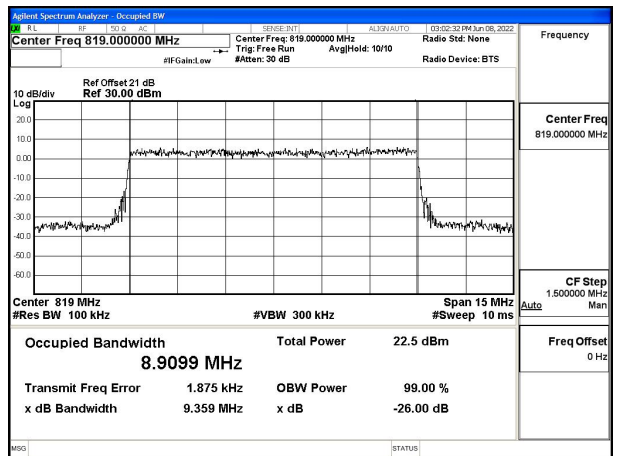


Fig.24

Test Mode: 64QAM

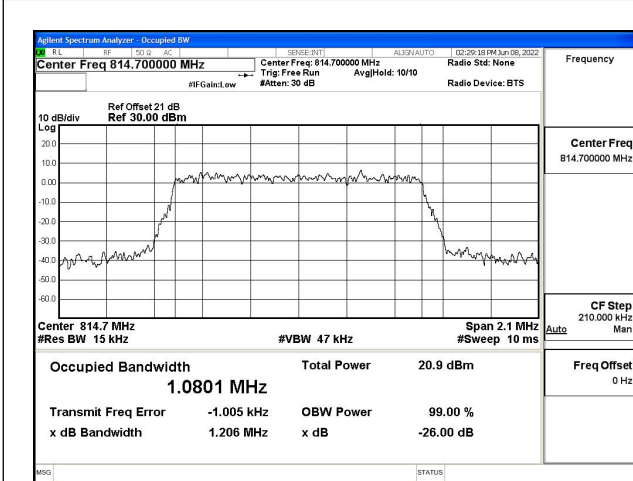


Fig.25

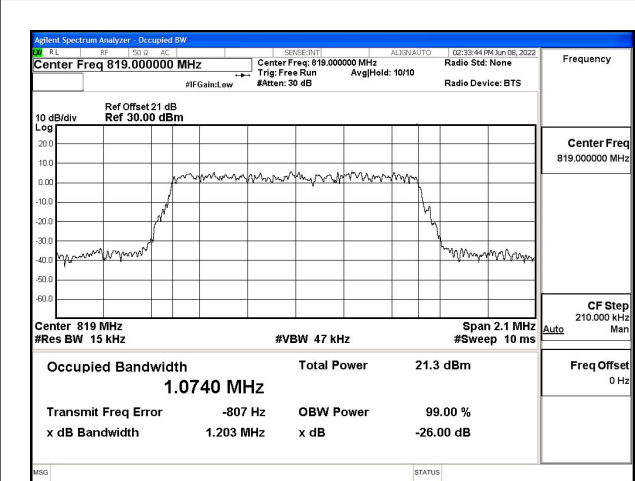


Fig.26

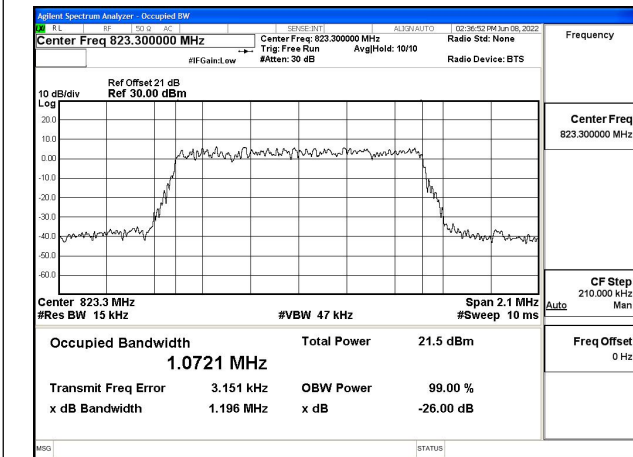


Fig.27

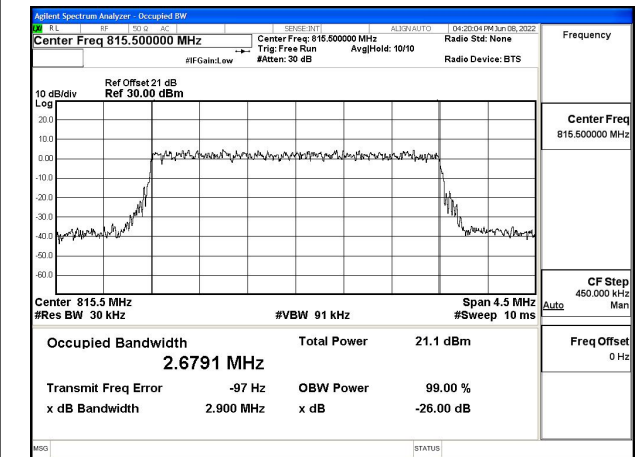


Fig.28

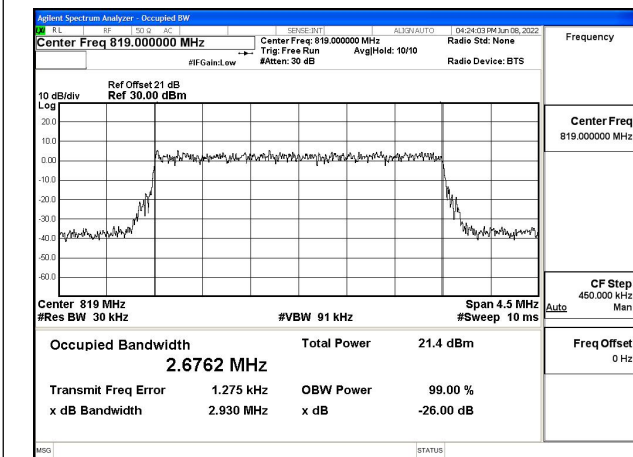


Fig.29

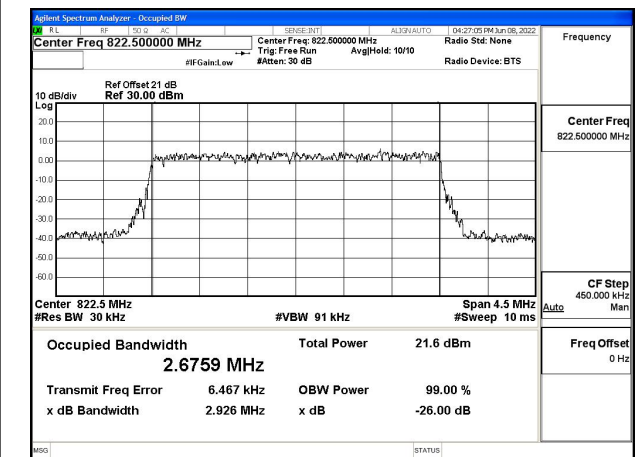


Fig.30

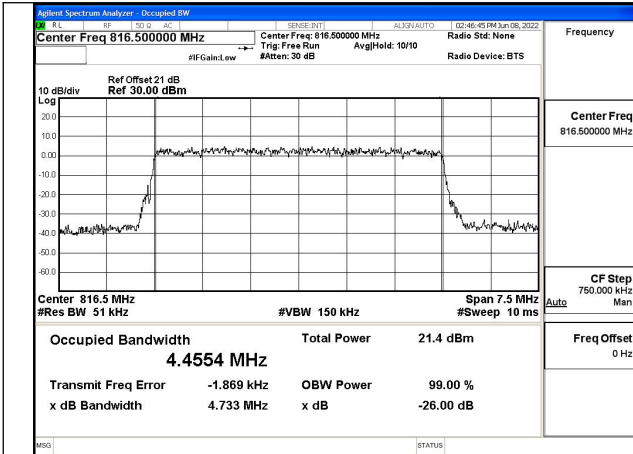


Fig.31

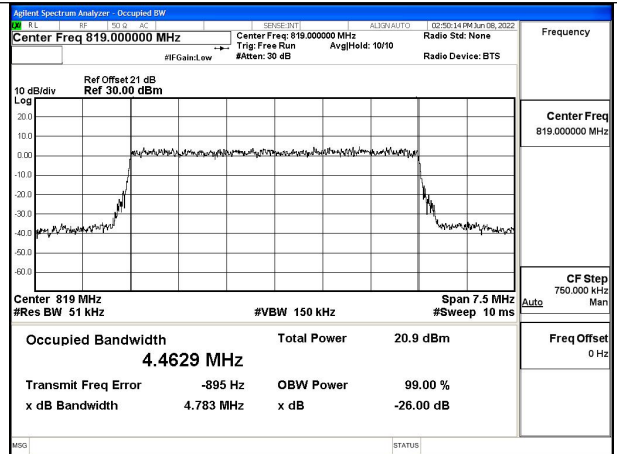


Fig.32

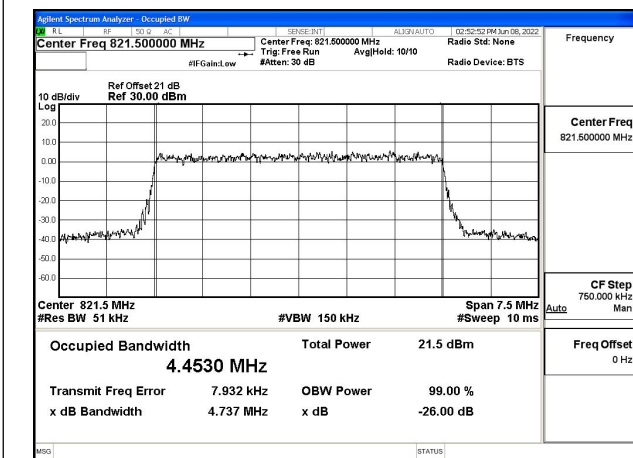


Fig.33

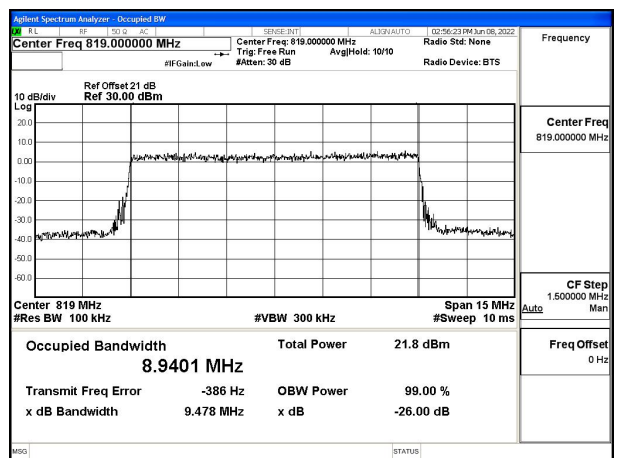


Fig.34

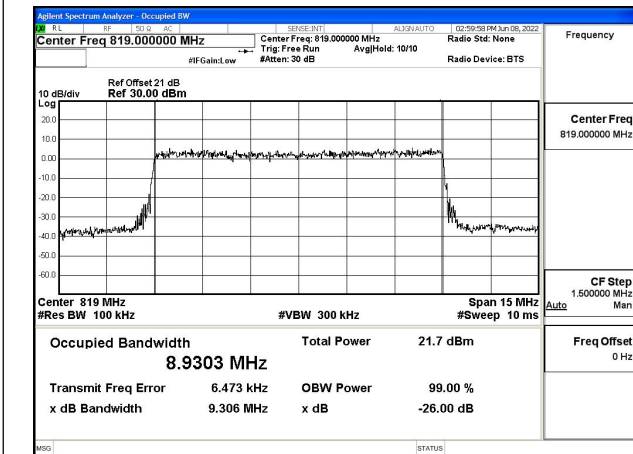


Fig.35

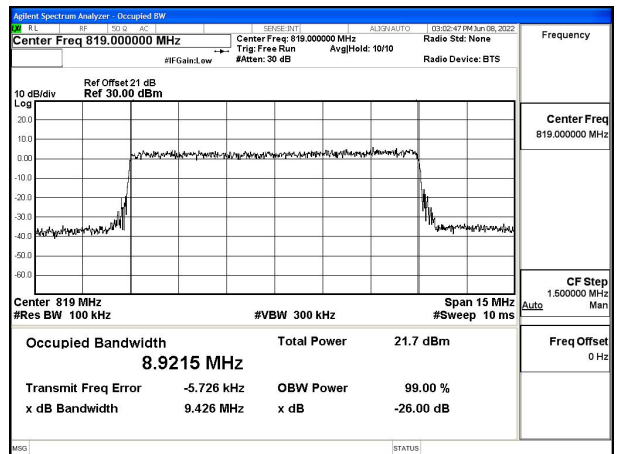


Fig.36

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	1.200	Fig.1
26	QPSK	819	26740	1.4	6	0	1.210	Fig.2
26	QPSK	823.3	26783	1.4	6	0	1.200	Fig.3
26	QPSK	815.5	26705	3	15	0	2.930	Fig.4
26	QPSK	819	26740	3	15	0	2.920	Fig.5
26	QPSK	822.5	26775	3	15	0	2.930	Fig.6
26	QPSK	816.5	26715	5	25	0	4.740	Fig.7
26	QPSK	819	26740	5	25	0	4.760	Fig.8
26	QPSK	821.5	26765	5	25	0	4.750	Fig.9
26	QPSK	819	26740	10	50	0	9.270	Fig.10
26	QPSK	819	26740	10	50	0	9.350	Fig.11
26	QPSK	819	26740	10	50	0	9.330	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	1.200	Fig.13
26	16QAM	819	26740	1.4	6	0	1.210	Fig.14
26	16QAM	823.3	26783	1.4	6	0	1.210	Fig.15
26	16QAM	815.5	26705	3	15	0	2.870	Fig.16
26	16QAM	819	26740	3	15	0	2.920	Fig.17
26	16QAM	822.5	26775	3	15	0	2.880	Fig.18
26	16QAM	816.5	26715	5	25	0	4.770	Fig.19
26	16QAM	819	26740	5	25	0	4.700	Fig.20
26	16QAM	821.5	26765	5	25	0	4.730	Fig.21
26	16QAM	819	26740	10	50	0	9.320	Fig.22
26	16QAM	819	26740	10	50	0	9.260	Fig.23
26	16QAM	819	26740	10	50	0	9.360	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	1.210	Fig.25
26	64QAM	819	26740	1.4	6	0	1.200	Fig.26
26	64QAM	823.3	26783	1.4	6	0	1.200	Fig.27
26	64QAM	815.5	26705	3	15	0	2.900	Fig.28
26	64QAM	819	26740	3	15	0	2.930	Fig.29
26	64QAM	822.5	26775	3	15	0	2.930	Fig.30
26	64QAM	816.5	26715	5	25	0	4.730	Fig.31
26	64QAM	819	26740	5	25	0	4.780	Fig.32
26	64QAM	821.5	26765	5	25	0	4.740	Fig.33
26	64QAM	819	26740	10	50	0	9.480	Fig.34
26	64QAM	819	26740	10	50	0	9.310	Fig.35
26	64QAM	819	26740	10	50	0	9.430	Fig.36

Test Mode: QPSK

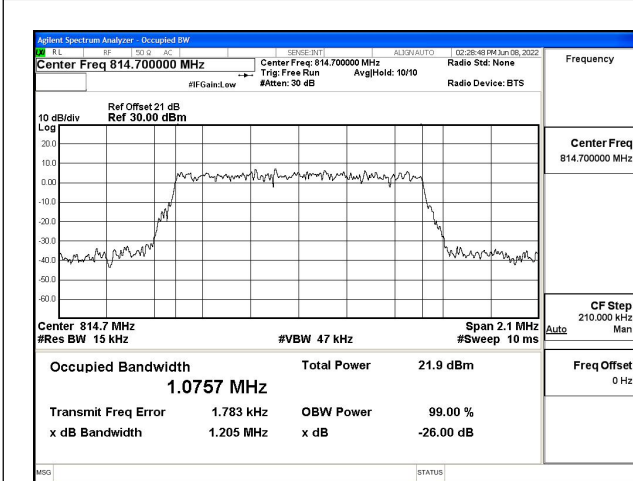


Fig.1

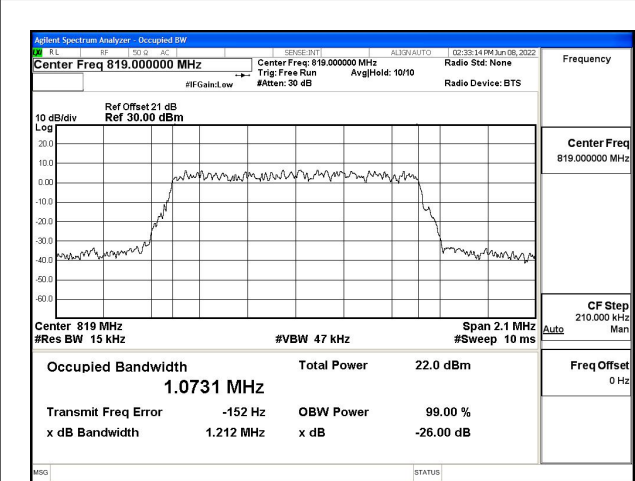


Fig.2

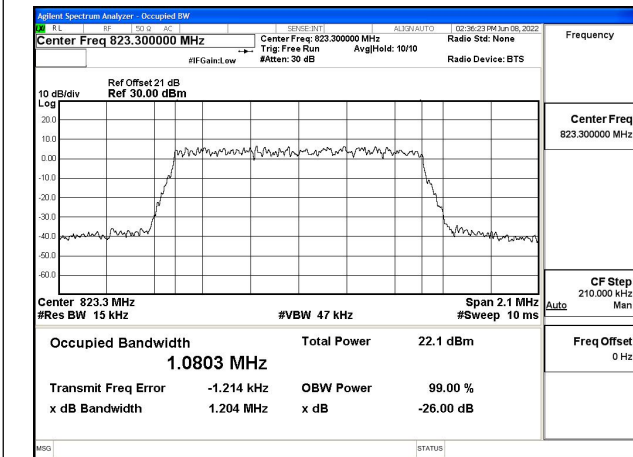


Fig.3

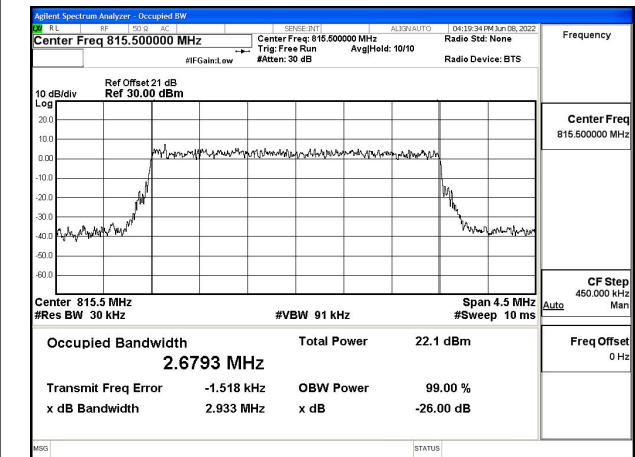


Fig.4

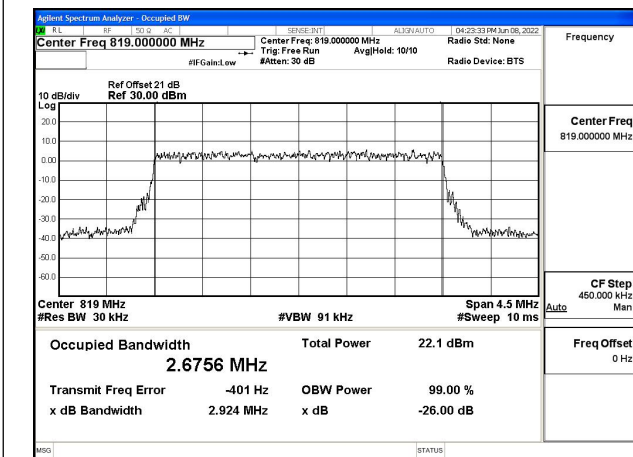


Fig.5

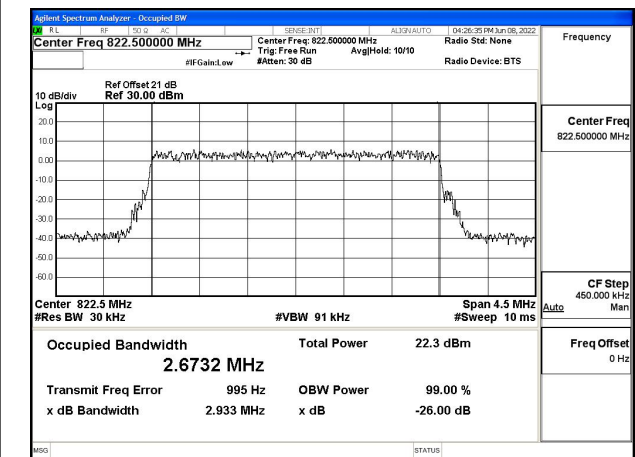


Fig.6