

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	25.56
QPSK	814.7	26697	1.4	1	3	25.70
QPSK	814.7	26697	1.4	1	5	25.70
QPSK	814.7	26697	1.4	3	0	25.33
QPSK	814.7	26697	1.4	3	1	25.38
QPSK	814.7	26697	1.4	3	3	25.30
QPSK	814.7	26697	1.4	6	0	24.34
QPSK	819	26740	1.4	1	0	25.64
QPSK	819	26740	1.4	1	3	25.83
QPSK	819	26740	1.4	1	5	25.67
QPSK	819	26740	1.4	3	0	25.31
QPSK	819	26740	1.4	3	1	25.39
QPSK	819	26740	1.4	3	3	25.44
QPSK	819	26740	1.4	6	0	24.24
QPSK	823.3	26783	1.4	1	0	26.08
QPSK	823.3	26783	1.4	1	3	26.10
QPSK	823.3	26783	1.4	1	5	26.08
QPSK	823.3	26783	1.4	3	0	25.43
QPSK	823.3	26783	1.4	3	1	25.24
QPSK	823.3	26783	1.4	3	3	25.23
QPSK	823.3	26783	1.4	6	0	24.32

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	814.7	26697	1.4	1	0	25.26
16QAM	814.7	26697	1.4	1	3	25.93
16QAM	814.7	26697	1.4	1	5	25.64
16QAM	814.7	26697	1.4	3	0	24.75
16QAM	814.7	26697	1.4	3	1	24.59
16QAM	814.7	26697	1.4	3	3	24.46
16QAM	814.7	26697	1.4	6	0	23.29
16QAM	819	26740	1.4	1	0	24.68
16QAM	819	26740	1.4	1	3	25.13
16QAM	819	26740	1.4	1	5	24.40
16QAM	819	26740	1.4	3	0	24.50
16QAM	819	26740	1.4	3	1	24.59
16QAM	819	26740	1.4	3	3	24.52
16QAM	819	26740	1.4	6	0	23.04
16QAM	823.3	26783	1.4	1	0	25.27
16QAM	823.3	26783	1.4	1	3	24.97
16QAM	823.3	26783	1.4	1	5	25.11
16QAM	823.3	26783	1.4	3	0	24.66
16QAM	823.3	26783	1.4	3	1	24.57
16QAM	823.3	26783	1.4	3	3	24.67
16QAM	823.3	26783	1.4	6	0	23.31
64QAM	814.7	26697	1.4	1	0	24.77
64QAM	814.7	26697	1.4	1	3	23.91
64QAM	814.7	26697	1.4	1	5	24.21
64QAM	814.7	26697	1.4	3	0	23.15
64QAM	814.7	26697	1.4	3	1	23.53
64QAM	814.7	26697	1.4	3	3	23.48
64QAM	814.7	26697	1.4	6	0	22.22
64QAM	819	26740	1.4	1	0	23.80
64QAM	819	26740	1.4	1	3	24.25
64QAM	819	26740	1.4	1	5	24.54
64QAM	819	26740	1.4	3	0	23.46
64QAM	819	26740	1.4	3	1	22.92
64QAM	819	26740	1.4	3	3	23.51
64QAM	819	26740	1.4	6	0	22.41
64QAM	823.3	26783	1.4	1	0	24.48
64QAM	823.3	26783	1.4	1	3	24.61
64QAM	823.3	26783	1.4	1	5	24.47
64QAM	823.3	26783	1.4	3	0	23.93
64QAM	823.3	26783	1.4	3	1	23.54
64QAM	823.3	26783	1.4	3	3	23.50
64QAM	823.3	26783	1.4	6	0	22.37

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	815.5	26705	3	1	0	25.65
QPSK	815.5	26705	3	1	8	25.91
QPSK	815.5	26705	3	1	14	25.92
QPSK	815.5	26705	3	8	0	24.37
QPSK	815.5	26705	3	8	4	24.37
QPSK	815.5	26705	3	8	7	24.50
QPSK	815.5	26705	3	15	0	24.49
QPSK	819	26740	3	1	0	25.63
QPSK	819	26740	3	1	8	25.66
QPSK	819	26740	3	1	14	25.86
QPSK	819	26740	3	8	0	24.20
QPSK	819	26740	3	8	4	24.32
QPSK	819	26740	3	8	7	24.34
QPSK	819	26740	3	15	0	24.29
QPSK	822.5	26775	3	1	0	25.76
QPSK	822.5	26775	3	1	8	25.86
QPSK	822.5	26775	3	1	14	25.76
QPSK	822.5	26775	3	8	0	24.32
QPSK	822.5	26775	3	8	4	24.43
QPSK	822.5	26775	3	8	7	24.47
QPSK	822.5	26775	3	15	0	24.42

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	815.5	26705	3	1	0	25.45
16QAM	815.5	26705	3	1	8	25.46
16QAM	815.5	26705	3	1	14	25.65
16QAM	815.5	26705	3	8	0	23.56
16QAM	815.5	26705	3	8	4	23.52
16QAM	815.5	26705	3	8	7	23.44
16QAM	815.5	26705	3	15	0	23.58
16QAM	819	26740	3	1	0	24.80
16QAM	819	26740	3	1	8	24.74
16QAM	819	26740	3	1	14	25.01
16QAM	819	26740	3	8	0	23.66
16QAM	819	26740	3	8	4	23.58
16QAM	819	26740	3	8	7	23.46
16QAM	819	26740	3	15	0	23.39
16QAM	822.5	26775	3	1	0	25.24
16QAM	822.5	26775	3	1	8	25.39
16QAM	822.5	26775	3	1	14	25.52
16QAM	822.5	26775	3	8	0	23.55
16QAM	822.5	26775	3	8	4	23.44
16QAM	822.5	26775	3	8	7	23.55
16QAM	822.5	26775	3	15	0	23.44
64QAM	815.5	26705	3	1	0	24.55
64QAM	815.5	26705	3	1	8	24.42
64QAM	815.5	26705	3	1	14	23.86
64QAM	815.5	26705	3	8	0	22.49
64QAM	815.5	26705	3	8	4	22.72
64QAM	815.5	26705	3	8	7	22.45
64QAM	815.5	26705	3	15	0	22.54
64QAM	819	26740	3	1	0	24.01
64QAM	819	26740	3	1	8	23.58
64QAM	819	26740	3	1	14	23.83
64QAM	819	26740	3	8	0	22.47
64QAM	819	26740	3	8	4	22.40
64QAM	819	26740	3	8	7	22.40
64QAM	819	26740	3	15	0	22.32
64QAM	822.5	26775	3	1	0	23.74
64QAM	822.5	26775	3	1	8	23.99
64QAM	822.5	26775	3	1	14	24.60
64QAM	822.5	26775	3	8	0	22.76
64QAM	822.5	26775	3	8	4	22.45
64QAM	822.5	26775	3	8	7	22.89
64QAM	822.5	26775	3	15	0	23.08

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	816.5	26715	5	1	0	25.87
QPSK	816.5	26715	5	1	12	25.82
QPSK	816.5	26715	5	1	24	25.84
QPSK	816.5	26715	5	12	0	24.31
QPSK	816.5	26715	5	12	7	24.28
QPSK	816.5	26715	5	12	13	24.43
QPSK	816.5	26715	5	25	0	24.37
QPSK	819	26740	5	1	0	25.73
QPSK	819	26740	5	1	12	25.71
QPSK	819	26740	5	1	24	25.82
QPSK	819	26740	5	12	0	24.21
QPSK	819	26740	5	12	7	24.18
QPSK	819	26740	5	12	13	24.42
QPSK	819	26740	5	25	0	24.24
QPSK	821.5	26765	5	1	0	26.03
QPSK	821.5	26765	5	1	12	25.98
QPSK	821.5	26765	5	1	24	25.99
QPSK	821.5	26765	5	12	0	24.36
QPSK	821.5	26765	5	12	7	24.41
QPSK	821.5	26765	5	12	13	24.41
QPSK	821.5	26765	5	25	0	24.29

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	816.5	26715	5	1	0	25.94
16QAM	816.5	26715	5	1	12	25.72
16QAM	816.5	26715	5	1	24	25.92
16QAM	816.5	26715	5	12	0	23.52
16QAM	816.5	26715	5	12	7	23.50
16QAM	816.5	26715	5	12	13	23.34
16QAM	816.5	26715	5	25	0	23.31
16QAM	819	26740	5	1	0	25.40
16QAM	819	26740	5	1	12	25.34
16QAM	819	26740	5	1	24	25.34
16QAM	819	26740	5	12	0	23.48
16QAM	819	26740	5	12	7	23.61
16QAM	819	26740	5	12	13	23.55
16QAM	819	26740	5	25	0	23.46
16QAM	821.5	26765	5	1	0	25.19
16QAM	821.5	26765	5	1	12	25.57
16QAM	821.5	26765	5	1	24	25.67
16QAM	821.5	26765	5	12	0	23.42
16QAM	821.5	26765	5	12	7	23.48
16QAM	821.5	26765	5	12	13	23.46
16QAM	821.5	26765	5	25	0	23.41
64QAM	816.5	26715	5	1	0	23.82
64QAM	816.5	26715	5	1	12	23.92
64QAM	816.5	26715	5	1	24	23.47
64QAM	816.5	26715	5	12	0	22.33
64QAM	816.5	26715	5	12	7	22.40
64QAM	816.5	26715	5	12	13	22.47
64QAM	816.5	26715	5	25	0	22.43
64QAM	819	26740	5	1	0	24.11
64QAM	819	26740	5	1	12	24.05
64QAM	819	26740	5	1	24	23.90
64QAM	819	26740	5	12	0	22.44
64QAM	819	26740	5	12	7	22.93
64QAM	819	26740	5	12	13	22.47
64QAM	819	26740	5	25	0	22.29
64QAM	821.5	26765	5	1	0	24.12
64QAM	821.5	26765	5	1	12	24.60
64QAM	821.5	26765	5	1	24	24.26
64QAM	821.5	26765	5	12	0	22.57
64QAM	821.5	26765	5	12	7	22.49
64QAM	821.5	26765	5	12	13	22.73
64QAM	821.5	26765	5	25	0	22.63

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	819	26740	10	1	0	26.11
QPSK	819	26740	10	1	25	26.15
QPSK	819	26740	10	1	49	26.11
QPSK	819	26740	10	25	0	24.83
QPSK	819	26740	10	25	12	24.86
QPSK	819	26740	10	25	25	24.89
QPSK	819	26740	10	50	0	24.84
QPSK	819	26740	10	1	0	26.09
QPSK	819	26740	10	1	25	26.05
QPSK	819	26740	10	1	49	26.05
QPSK	819	26740	10	25	0	24.82
QPSK	819	26740	10	25	12	24.85
QPSK	819	26740	10	25	25	24.88
QPSK	819	26740	10	50	0	24.83
QPSK	819	26740	10	1	0	25.79
QPSK	819	26740	10	1	25	25.83
QPSK	819	26740	10	1	49	25.79
QPSK	819	26740	10	25	0	24.93
QPSK	819	26740	10	25	12	24.79
QPSK	819	26740	10	25	25	24.71
QPSK	819	26740	10	50	0	24.88

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	819	26740	10	1	0	25.25
16QAM	819	26740	10	1	25	25.01
16QAM	819	26740	10	1	49	25.67
16QAM	819	26740	10	25	0	24.06
16QAM	819	26740	10	25	12	24.17
16QAM	819	26740	10	25	25	24.09
16QAM	819	26740	10	50	0	23.98
16QAM	819	26740	10	1	0	25.08
16QAM	819	26740	10	1	25	24.94
16QAM	819	26740	10	1	49	25.34
16QAM	819	26740	10	25	0	24.13
16QAM	819	26740	10	25	12	24.19
16QAM	819	26740	10	25	25	23.99
16QAM	819	26740	10	50	0	23.94
16QAM	819	26740	10	1	0	25.39
16QAM	819	26740	10	1	25	25.26
16QAM	819	26740	10	1	49	25.54
16QAM	819	26740	10	25	0	23.80
16QAM	819	26740	10	25	12	24.05
16QAM	819	26740	10	25	25	24.01
16QAM	819	26740	10	50	0	23.92
64QAM	819	26740	10	1	0	24.25
64QAM	819	26740	10	1	25	24.35
64QAM	819	26740	10	1	49	24.72
64QAM	819	26740	10	25	0	22.86
64QAM	819	26740	10	25	12	23.04
64QAM	819	26740	10	25	25	22.82
64QAM	819	26740	10	50	0	23.12
64QAM	819	26740	10	1	0	24.16
64QAM	819	26740	10	1	25	23.63
64QAM	819	26740	10	1	49	23.96
64QAM	819	26740	10	25	0	23.00
64QAM	819	26740	10	25	12	22.83
64QAM	819	26740	10	25	25	23.02
64QAM	819	26740	10	50	0	22.94
64QAM	819	26740	10	1	0	24.60
64QAM	819	26740	10	1	25	24.32
64QAM	819	26740	10	1	49	24.51
64QAM	819	26740	10	25	0	23.03
64QAM	819	26740	10	25	12	23.11
64QAM	819	26740	10	25	25	22.95
64QAM	819	26740	10	50	0	23.07

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	1.07	Fig.1
26	QPSK	819	26740	1.4	6	0	1.07	Fig.2
26	QPSK	823.3	26783	1.4	6	0	1.07	Fig.3
26	QPSK	815.5	26705	3	15	0	2.68	Fig.4
26	QPSK	819	26740	3	15	0	2.67	Fig.5
26	QPSK	822.5	26775	3	15	0	2.68	Fig.6
26	QPSK	816.5	26715	5	25	0	4.46	Fig.7
26	QPSK	819	26740	5	25	0	4.47	Fig.8
26	QPSK	821.5	26765	5	25	0	4.45	Fig.9
26	QPSK	819	26740	10	50	0	8.93	Fig.10
26	QPSK	819	26740	10	50	0	8.93	Fig.11
26	QPSK	819	26740	10	50	0	8.93	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	1.08	Fig.13
26	16QAM	819	26740	1.4	6	0	1.08	Fig.14
26	16QAM	823.3	26783	1.4	6	0	1.08	Fig.15
26	16QAM	815.5	26705	3	15	0	2.67	Fig.16
26	16QAM	819	26740	3	15	0	2.68	Fig.17
26	16QAM	822.5	26775	3	15	0	2.68	Fig.18
26	16QAM	816.5	26715	5	25	0	4.46	Fig.19
26	16QAM	819	26740	5	25	0	4.46	Fig.20
26	16QAM	821.5	26765	5	25	0	4.44	Fig.21
26	16QAM	819	26740	10	50	0	8.92	Fig.22
26	16QAM	819	26740	10	50	0	8.93	Fig.23
26	16QAM	819	26740	10	50	0	8.91	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	1.07	Fig.25
26	64QAM	819	26740	1.4	6	0	1.08	Fig.26
26	64QAM	823.3	26783	1.4	6	0	1.07	Fig.27
26	64QAM	815.5	26705	3	15	0	2.67	Fig.28
26	64QAM	819	26740	3	15	0	2.68	Fig.29
26	64QAM	822.5	26775	3	15	0	2.68	Fig.30
26	64QAM	816.5	26715	5	25	0	4.46	Fig.31
26	64QAM	819	26740	5	25	0	4.45	Fig.32
26	64QAM	821.5	26765	5	25	0	4.46	Fig.33
26	64QAM	819	26740	10	50	0	8.93	Fig.34
26	64QAM	819	26740	10	50	0	8.93	Fig.35
26	64QAM	819	26740	10	50	0	8.93	Fig.36

Test Mode: QPSK

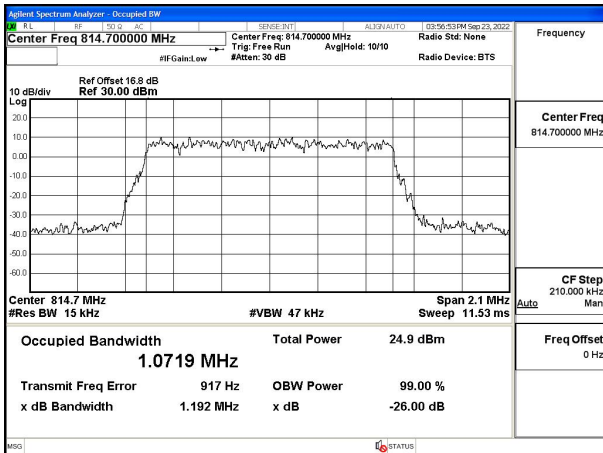


Fig.1

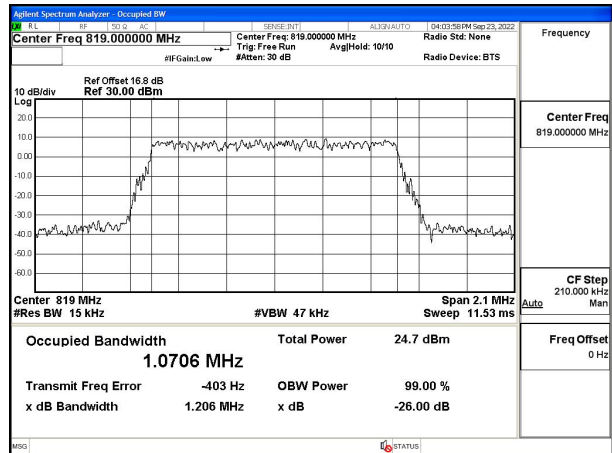


Fig.2

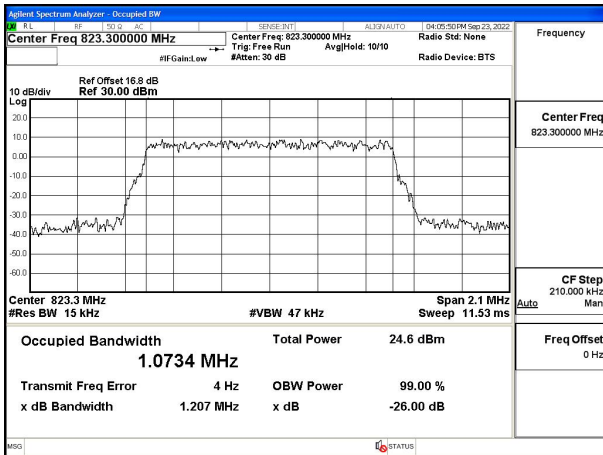


Fig.3

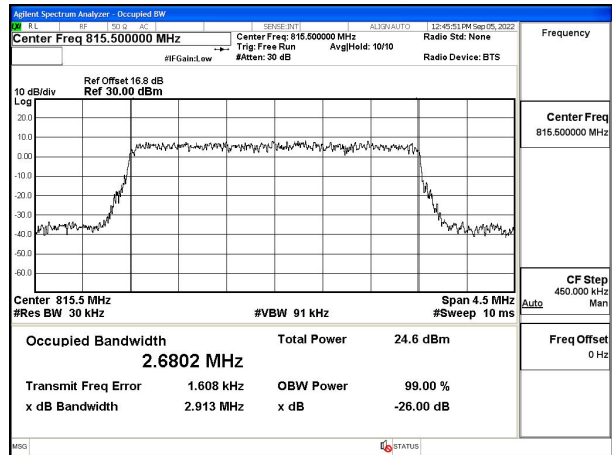


Fig.4

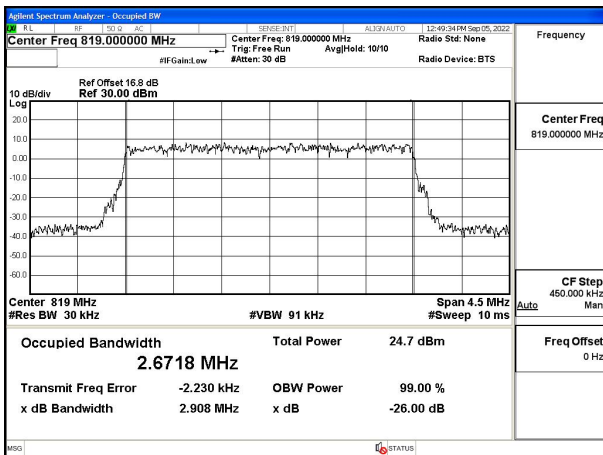


Fig.5

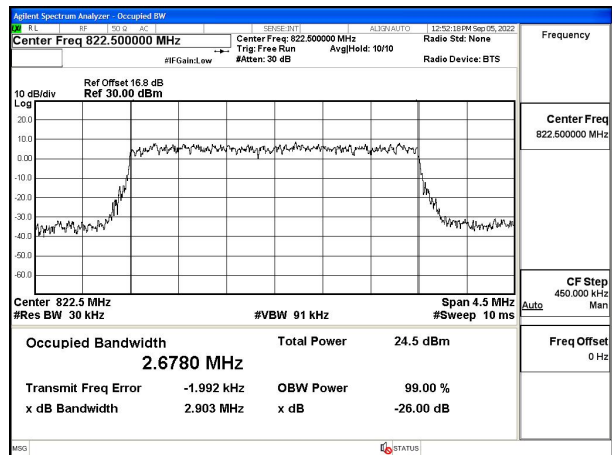


Fig.6

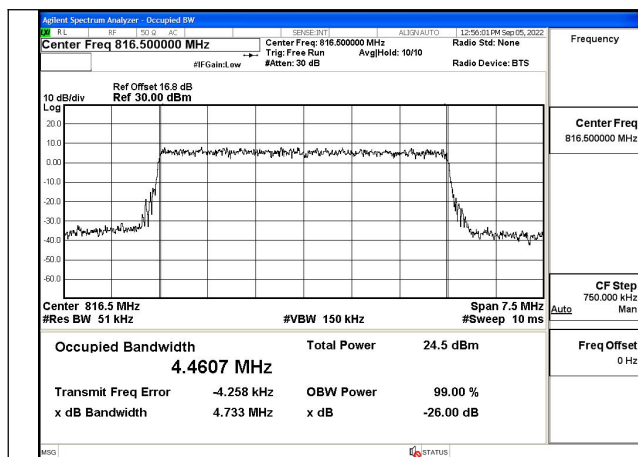


Fig.9

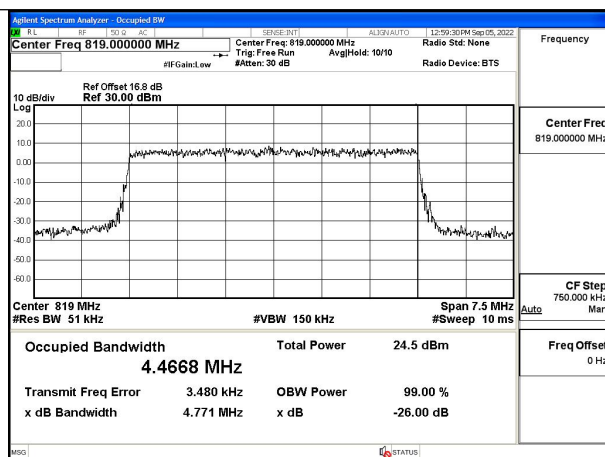


Fig.8

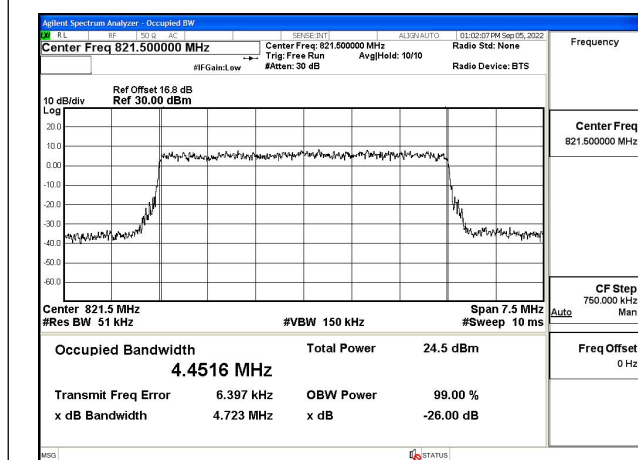


Fig.9

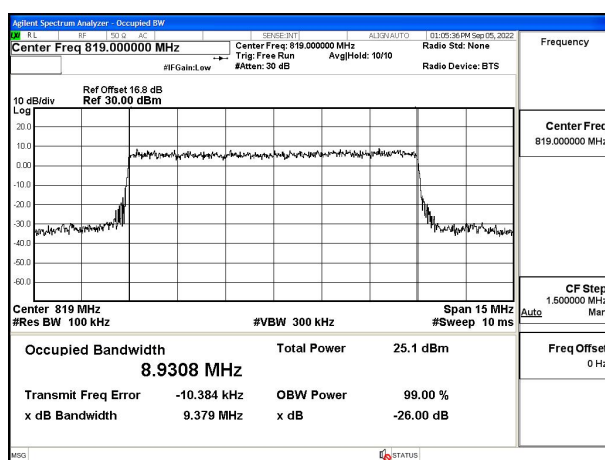


Fig.10

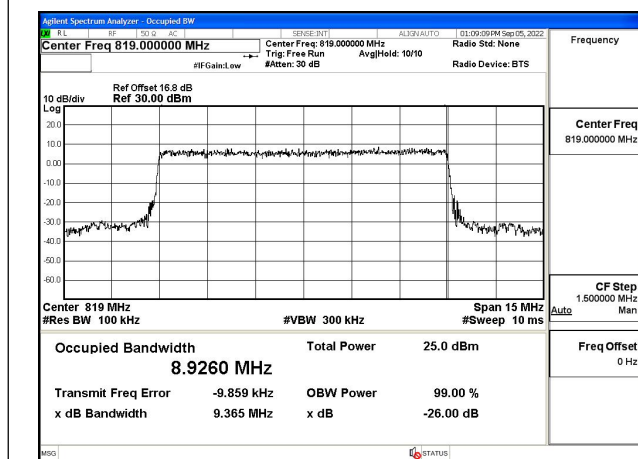


Fig.11

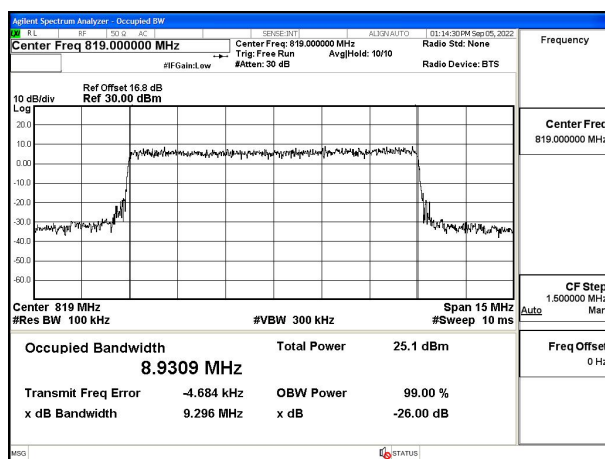


Fig.12

Test Mode: 16QAM

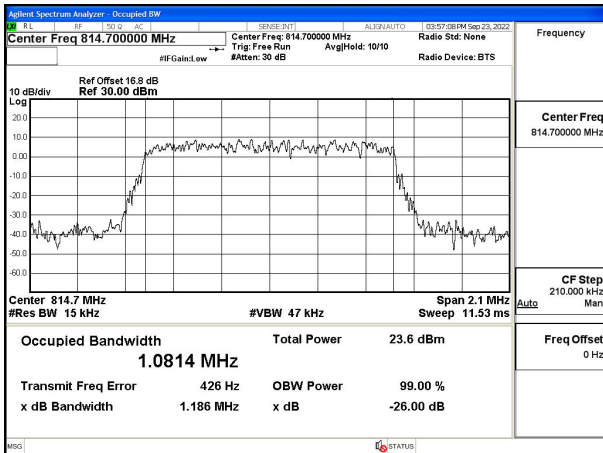


Fig.13

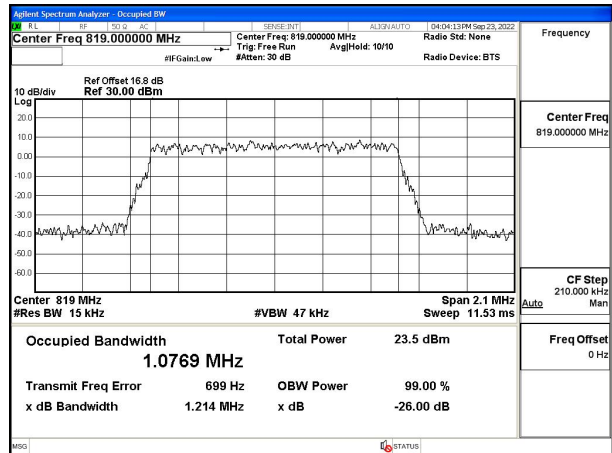


Fig.14

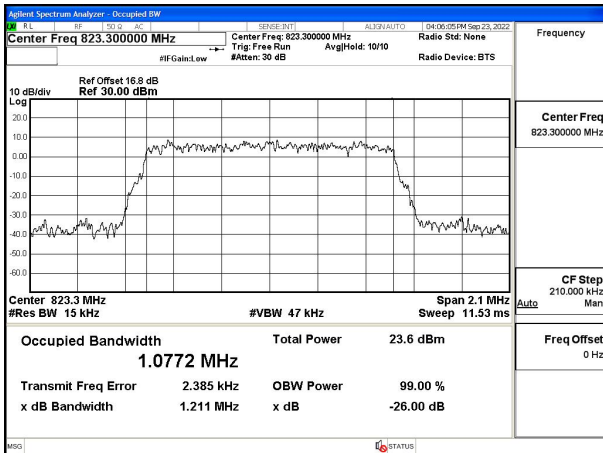


Fig.15

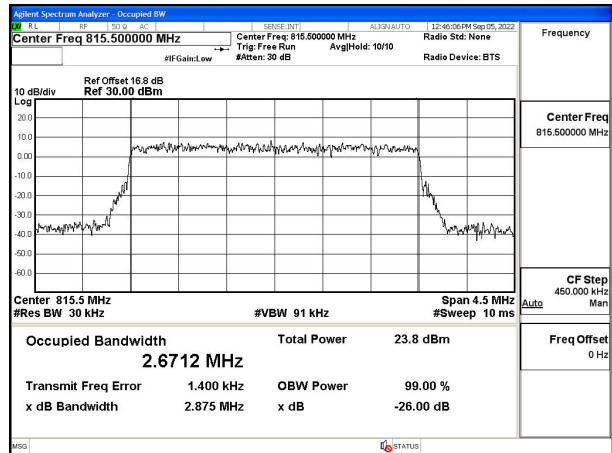


Fig.16

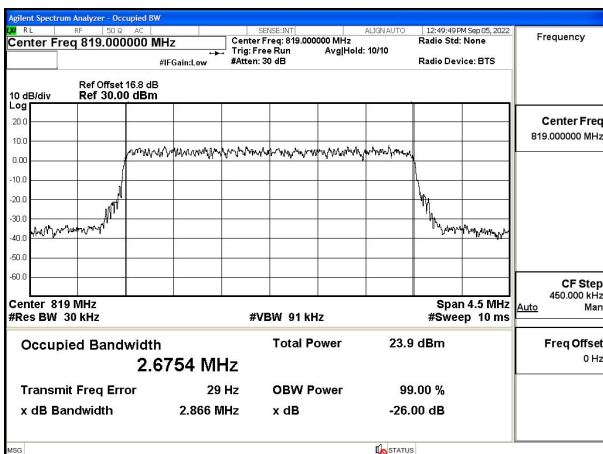


Fig.17

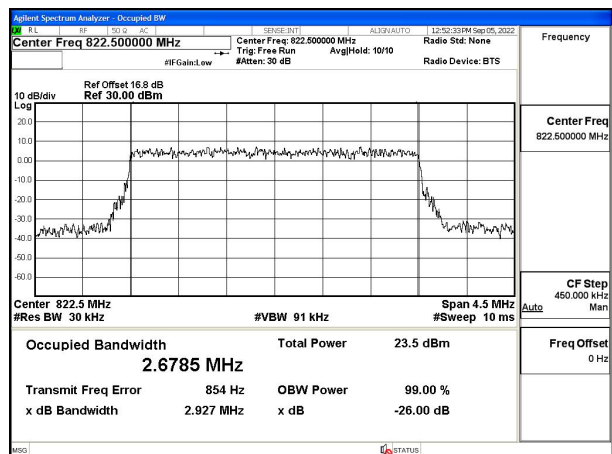


Fig.18

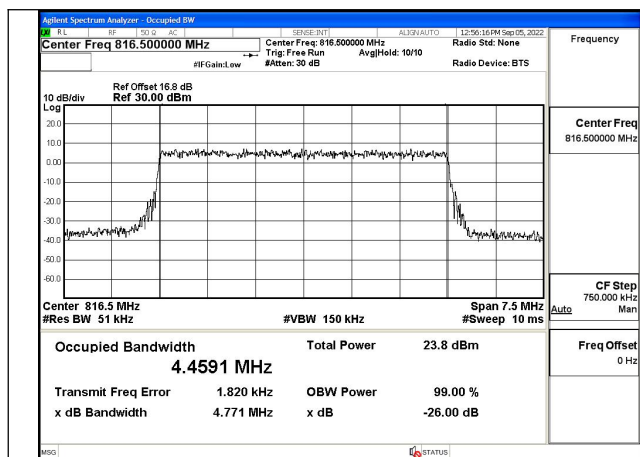


Fig.19

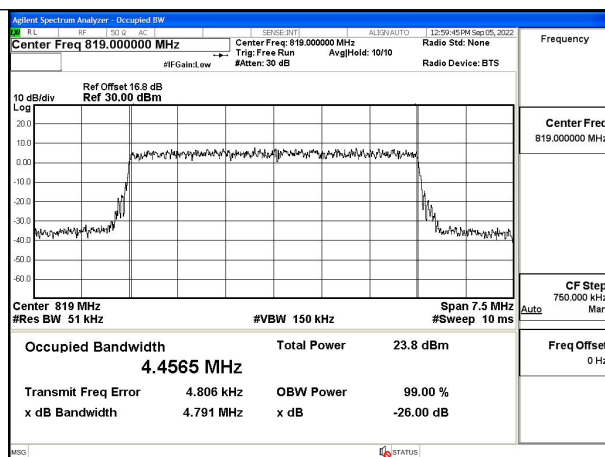


Fig.20

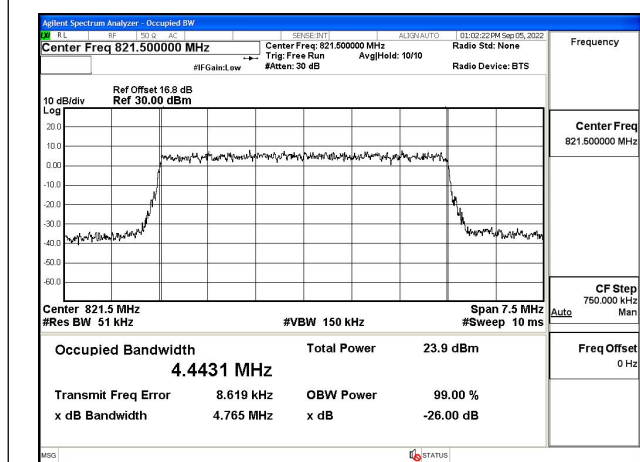


Fig.21

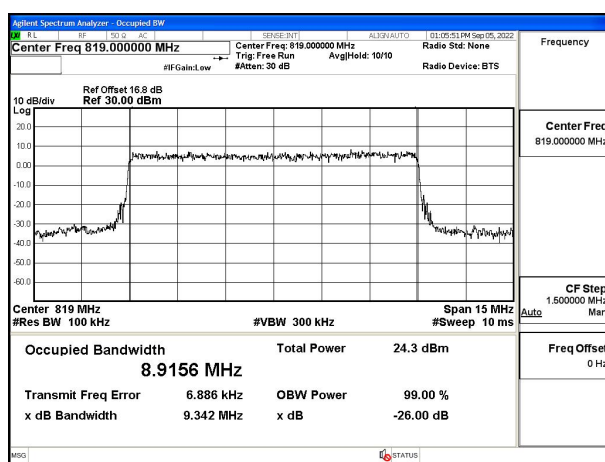


Fig.22

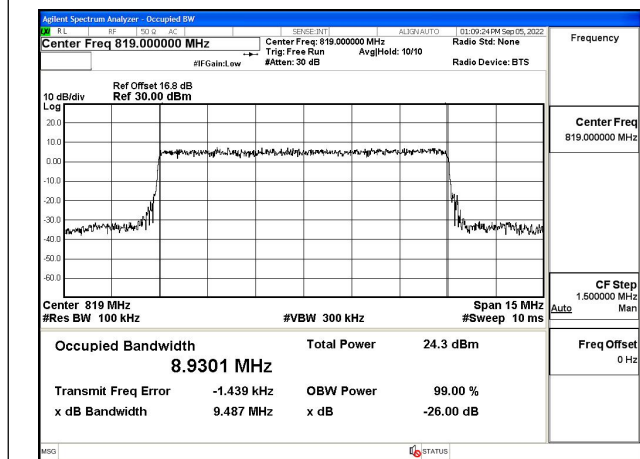


Fig.23

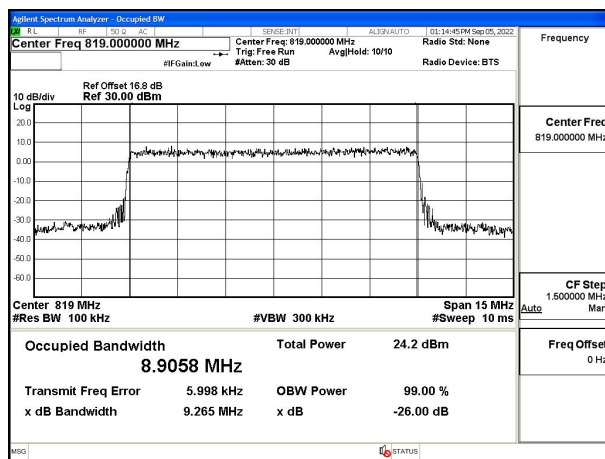


Fig.24

Test Mode: 64QAM

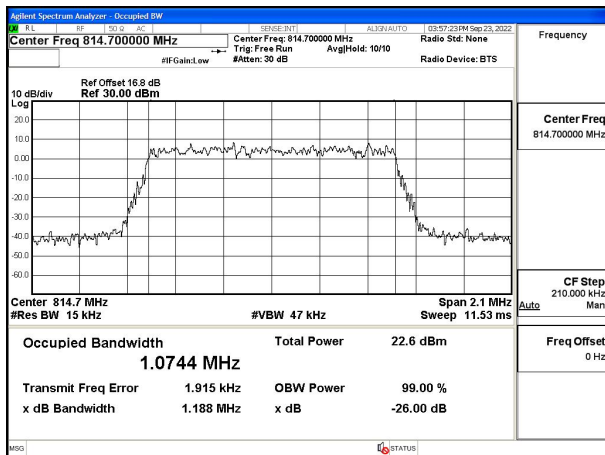


Fig.25

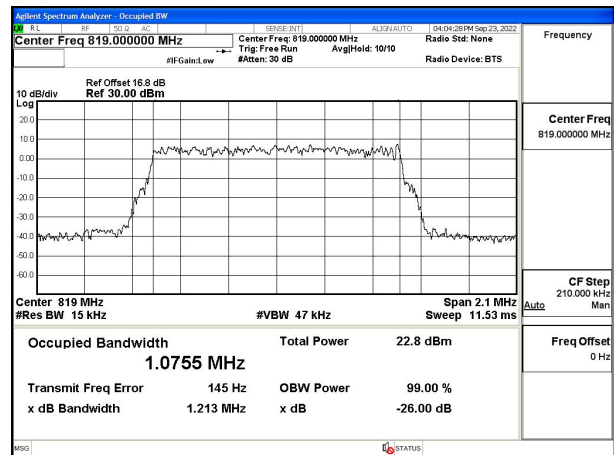


Fig.26

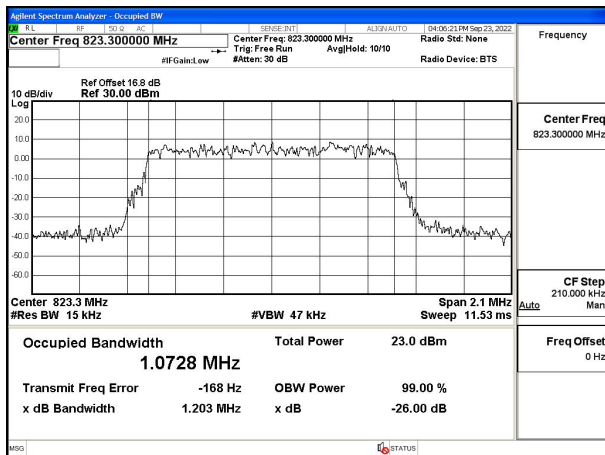


Fig.27

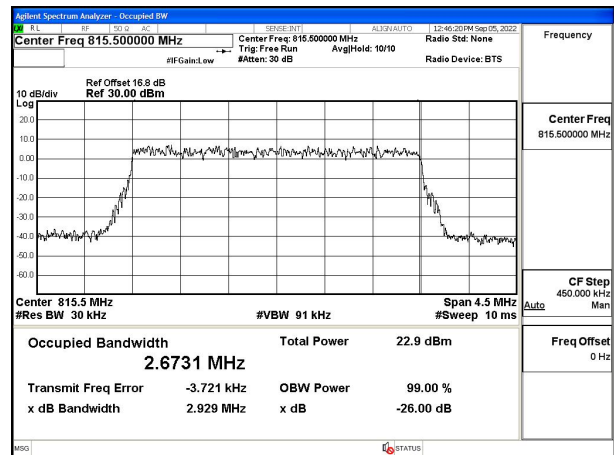


Fig.28

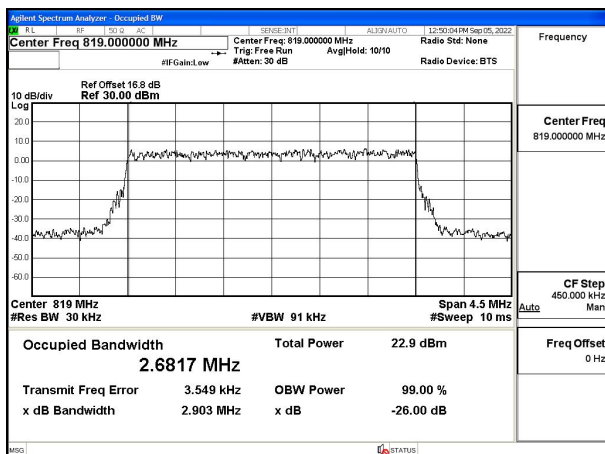


Fig.29

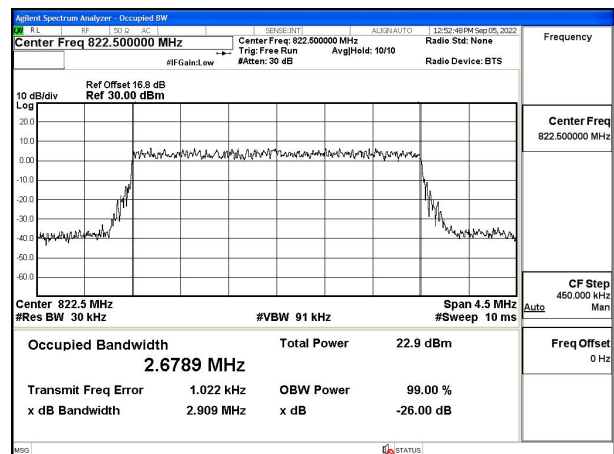


Fig.30

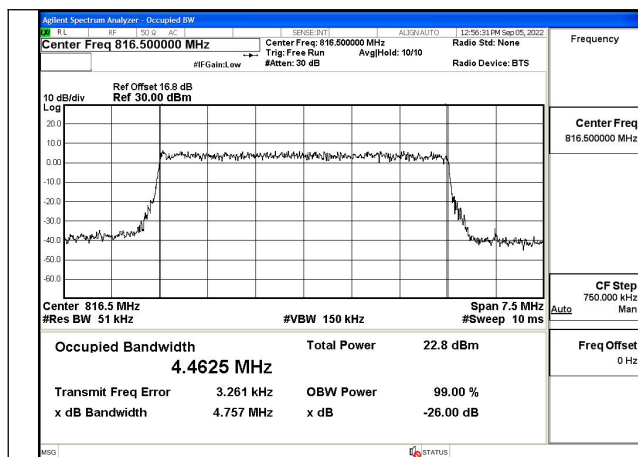


Fig.31

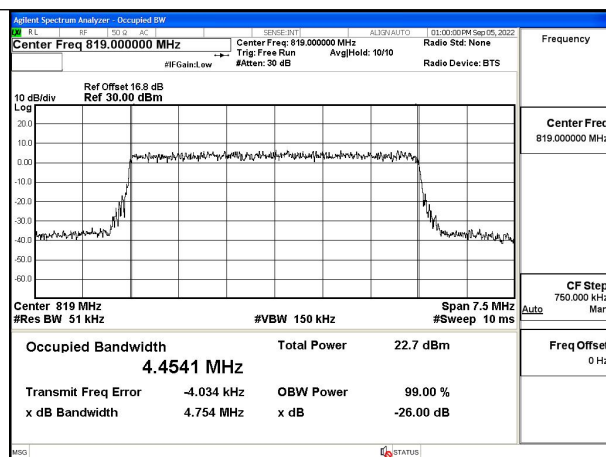


Fig.32

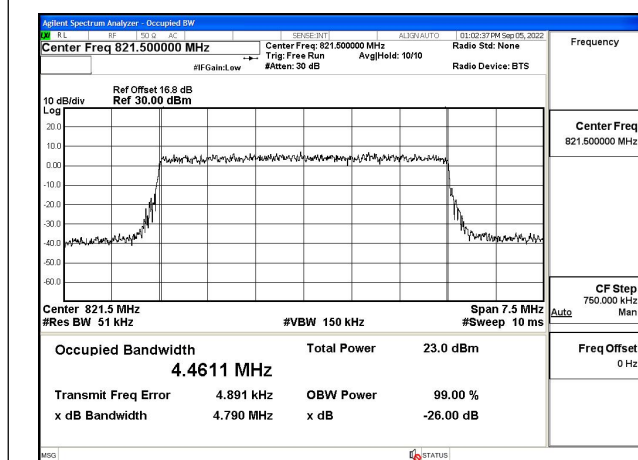


Fig.33

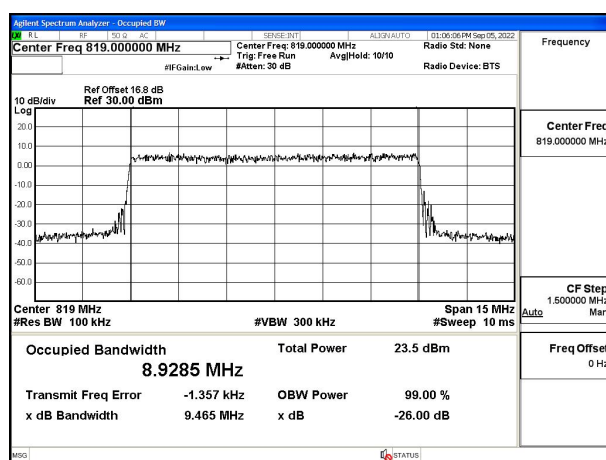


Fig.34

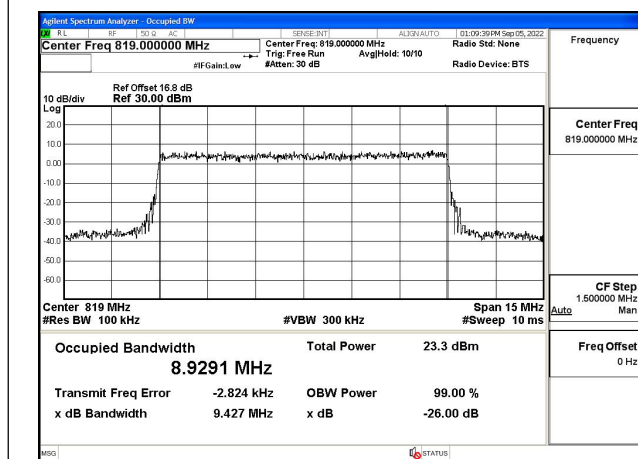


Fig.35

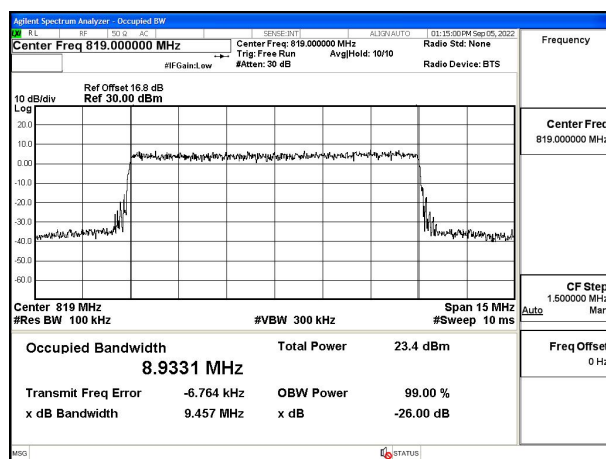


Fig.36

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	1.19	Fig.1
26	QPSK	819	26740	1.4	6	0	1.21	Fig.2
26	QPSK	823.3	26783	1.4	6	0	1.21	Fig.3
26	QPSK	815.5	26705	3	15	0	2.91	Fig.4
26	QPSK	819	26740	3	15	0	2.91	Fig.5
26	QPSK	822.5	26775	3	15	0	2.90	Fig.6
26	QPSK	816.5	26715	5	25	0	4.73	Fig.7
26	QPSK	819	26740	5	25	0	4.77	Fig.8
26	QPSK	821.5	26765	5	25	0	4.72	Fig.9
26	QPSK	819	26740	10	50	0	9.38	Fig.10
26	QPSK	819	26740	10	50	0	9.37	Fig.11
26	QPSK	819	26740	10	50	0	9.30	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	1.19	Fig.13
26	16QAM	819	26740	1.4	6	0	1.21	Fig.14
26	16QAM	823.3	26783	1.4	6	0	1.21	Fig.15
26	16QAM	815.5	26705	3	15	0	2.88	Fig.16
26	16QAM	819	26740	3	15	0	2.87	Fig.17
26	16QAM	822.5	26775	3	15	0	2.93	Fig.18
26	16QAM	816.5	26715	5	25	0	4.77	Fig.19
26	16QAM	819	26740	5	25	0	4.79	Fig.20
26	16QAM	821.5	26765	5	25	0	4.76	Fig.21
26	16QAM	819	26740	10	50	0	9.34	Fig.22
26	16QAM	819	26740	10	50	0	9.49	Fig.23
26	16QAM	819	26740	10	50	0	9.26	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	1.19	Fig.25
26	64QAM	819	26740	1.4	6	0	1.21	Fig.26
26	64QAM	823.3	26783	1.4	6	0	1.20	Fig.27
26	64QAM	815.5	26705	3	15	0	2.93	Fig.28
26	64QAM	819	26740	3	15	0	2.90	Fig.29
26	64QAM	822.5	26775	3	15	0	2.91	Fig.30
26	64QAM	816.5	26715	5	25	0	4.76	Fig.31
26	64QAM	819	26740	5	25	0	4.75	Fig.32
26	64QAM	821.5	26765	5	25	0	4.79	Fig.33
26	64QAM	819	26740	10	50	0	9.47	Fig.34
26	64QAM	819	26740	10	50	0	9.43	Fig.35
26	64QAM	819	26740	10	50	0	9.46	Fig.36

Test Mode: QPSK

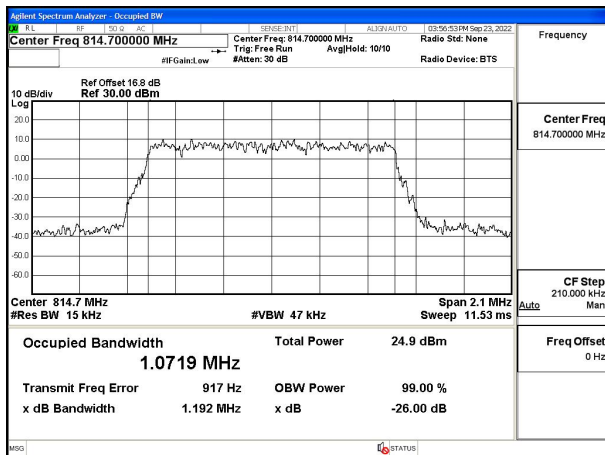


Fig.1

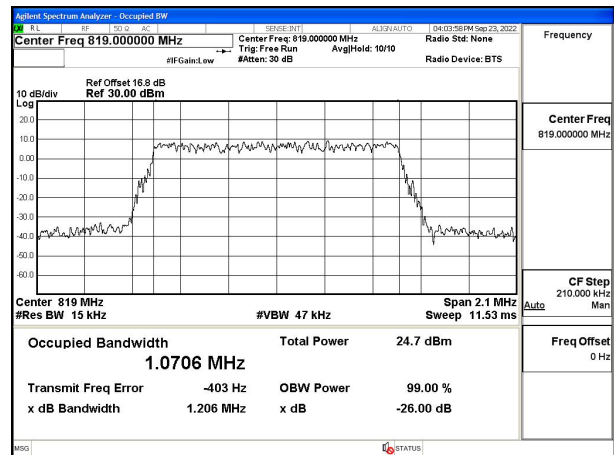


Fig.2

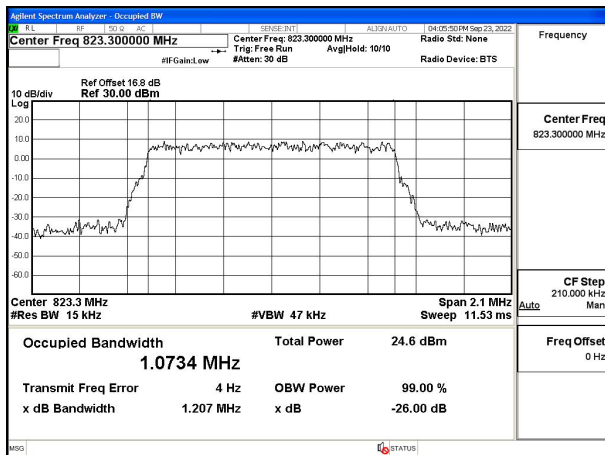


Fig.3

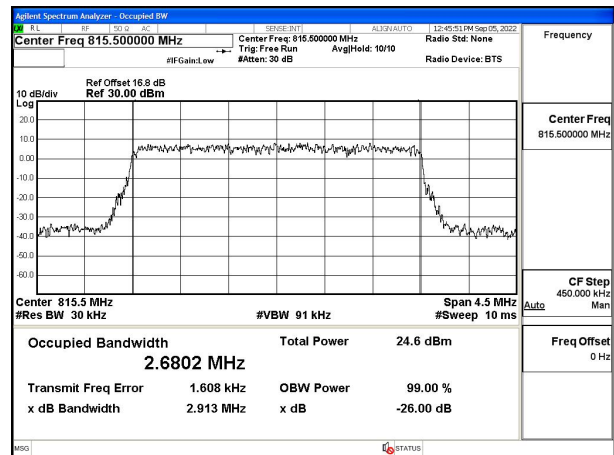


Fig.4

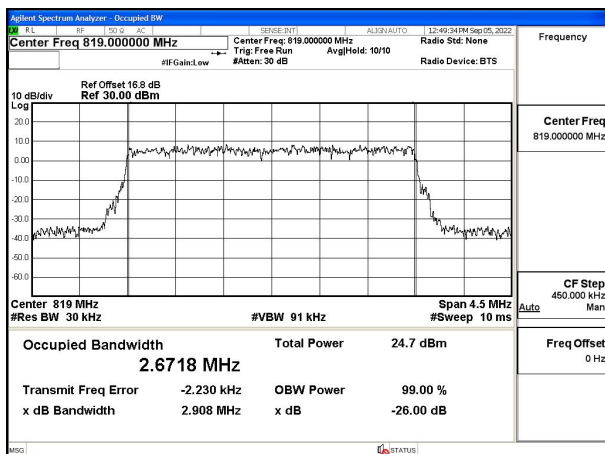


Fig.5

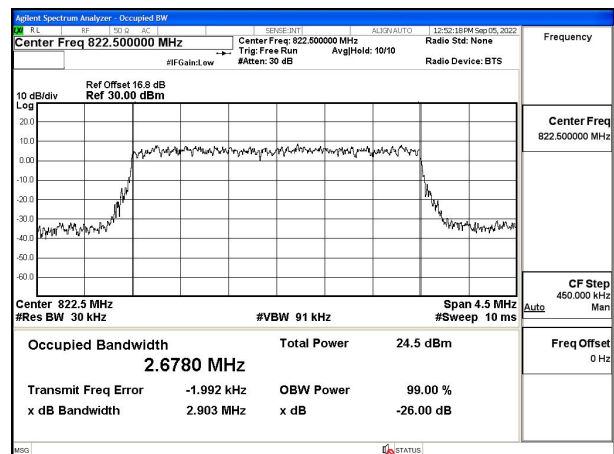


Fig.6