

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	23.50
QPSK	814.7	26697	1.4	1	3	23.27
QPSK	814.7	26697	1.4	1	5	23.22
QPSK	814.7	26697	1.4	3	0	23.39
QPSK	814.7	26697	1.4	3	1	23.29
QPSK	814.7	26697	1.4	3	3	23.35
QPSK	814.7	26697	1.4	6	0	22.27
QPSK	819	26740	1.4	1	0	23.24
QPSK	819	26740	1.4	1	3	23.35
QPSK	819	26740	1.4	1	5	23.33
QPSK	819	26740	1.4	3	0	23.19
QPSK	819	26740	1.4	3	1	23.53
QPSK	819	26740	1.4	3	3	23.51
QPSK	819	26740	1.4	6	0	22.46
QPSK	823.3	26783	1.4	1	0	23.44
QPSK	823.3	26783	1.4	1	3	23.39
QPSK	823.3	26783	1.4	1	5	23.38
QPSK	823.3	26783	1.4	3	0	23.56
QPSK	823.3	26783	1.4	3	1	23.41
QPSK	823.3	26783	1.4	3	3	23.37
QPSK	823.3	26783	1.4	6	0	22.33

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	814.7	26697	1.4	1	0	22.32
16QAM	814.7	26697	1.4	1	3	23.16
16QAM	814.7	26697	1.4	1	5	22.57
16QAM	814.7	26697	1.4	3	0	22.69
16QAM	814.7	26697	1.4	3	1	22.78
16QAM	814.7	26697	1.4	3	3	22.46
16QAM	814.7	26697	1.4	6	0	21.27
16QAM	819	26740	1.4	1	0	22.62
16QAM	819	26740	1.4	1	3	23.13
16QAM	819	26740	1.4	1	5	23.05
16QAM	819	26740	1.4	3	0	22.79
16QAM	819	26740	1.4	3	1	22.52
16QAM	819	26740	1.4	3	3	22.63
16QAM	819	26740	1.4	6	0	21.19
16QAM	823.3	26783	1.4	1	0	22.76
16QAM	823.3	26783	1.4	1	3	22.76
16QAM	823.3	26783	1.4	1	5	22.83
16QAM	823.3	26783	1.4	3	0	22.61
16QAM	823.3	26783	1.4	3	1	22.74
16QAM	823.3	26783	1.4	3	3	22.65
16QAM	823.3	26783	1.4	6	0	20.89

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	815.5	26705	3	1	0	23.43
QPSK	815.5	26705	3	1	8	23.54
QPSK	815.5	26705	3	1	14	23.61
QPSK	815.5	26705	3	8	0	22.36
QPSK	815.5	26705	3	8	4	22.44
QPSK	815.5	26705	3	8	7	22.44
QPSK	815.5	26705	3	15	0	22.29
QPSK	819	26740	3	1	0	23.65
QPSK	819	26740	3	1	8	23.41
QPSK	819	26740	3	1	14	23.49
QPSK	819	26740	3	8	0	22.52
QPSK	819	26740	3	8	4	22.38
QPSK	819	26740	3	8	7	22.34
QPSK	819	26740	3	15	0	22.38
QPSK	822.5	26775	3	1	0	23.49
QPSK	822.5	26775	3	1	8	23.56
QPSK	822.5	26775	3	1	14	23.39
QPSK	822.5	26775	3	8	0	22.43
QPSK	822.5	26775	3	8	4	22.35
QPSK	822.5	26775	3	8	7	22.43
QPSK	822.5	26775	3	15	0	22.45

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	815.5	26705	3	1	0	22.65
16QAM	815.5	26705	3	1	8	22.60
16QAM	815.5	26705	3	1	14	22.84
16QAM	815.5	26705	3	8	0	21.53
16QAM	815.5	26705	3	8	4	21.52
16QAM	815.5	26705	3	8	7	21.64
16QAM	815.5	26705	3	15	0	21.38
16QAM	819	26740	3	1	0	22.55
16QAM	819	26740	3	1	8	22.70
16QAM	819	26740	3	1	14	22.54
16QAM	819	26740	3	8	0	21.48
16QAM	819	26740	3	8	4	21.55
16QAM	819	26740	3	8	7	21.69
16QAM	819	26740	3	15	0	21.41
16QAM	822.5	26775	3	1	0	23.38
16QAM	822.5	26775	3	1	8	23.03
16QAM	822.5	26775	3	1	14	22.47
16QAM	822.5	26775	3	8	0	21.62
16QAM	822.5	26775	3	8	4	21.53
16QAM	822.5	26775	3	8	7	21.45
16QAM	822.5	26775	3	15	0	21.65

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	816.5	26715	5	1	0	23.65
QPSK	816.5	26715	5	1	12	23.52
QPSK	816.5	26715	5	1	24	23.61
QPSK	816.5	26715	5	12	0	22.26
QPSK	816.5	26715	5	12	7	22.34
QPSK	816.5	26715	5	12	13	22.24
QPSK	816.5	26715	5	25	0	22.39
QPSK	819	26740	5	1	0	23.41
QPSK	819	26740	5	1	12	23.55
QPSK	819	26740	5	1	24	23.30
QPSK	819	26740	5	12	0	22.26
QPSK	819	26740	5	12	7	22.41
QPSK	819	26740	5	12	13	22.32
QPSK	819	26740	5	25	0	22.34
QPSK	821.5	26765	5	1	0	23.52
QPSK	821.5	26765	5	1	12	23.48
QPSK	821.5	26765	5	1	24	23.51
QPSK	821.5	26765	5	12	0	22.35
QPSK	821.5	26765	5	12	7	22.38
QPSK	821.5	26765	5	12	13	22.47
QPSK	821.5	26765	5	25	0	22.25

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	816.5	26715	5	1	0	22.42
16QAM	816.5	26715	5	1	12	22.80
16QAM	816.5	26715	5	1	24	23.12
16QAM	816.5	26715	5	12	0	21.44
16QAM	816.5	26715	5	12	7	21.46
16QAM	816.5	26715	5	12	13	21.44
16QAM	816.5	26715	5	25	0	21.56
16QAM	819	26740	5	1	0	23.47
16QAM	819	26740	5	1	12	23.09
16QAM	819	26740	5	1	24	22.13
16QAM	819	26740	5	12	0	21.39
16QAM	819	26740	5	12	7	21.36
16QAM	819	26740	5	12	13	21.52
16QAM	819	26740	5	25	0	21.55
16QAM	821.5	26765	5	1	0	22.77
16QAM	821.5	26765	5	1	12	23.03
16QAM	821.5	26765	5	1	24	22.50
16QAM	821.5	26765	5	12	0	21.33
16QAM	821.5	26765	5	12	7	21.48
16QAM	821.5	26765	5	12	13	21.48
16QAM	821.5	26765	5	25	0	21.38

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	819	26740	10	1	0	23.80
QPSK	819	26740	10	1	25	23.71
QPSK	819	26740	10	1	49	23.67
QPSK	819	26740	10	25	0	22.48
QPSK	819	26740	10	25	12	22.37
QPSK	819	26740	10	25	25	22.25
QPSK	819	26740	10	50	0	22.44

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	819	26740	10	1	0	23.16
16QAM	819	26740	10	1	25	22.66
16QAM	819	26740	10	1	49	23.01
16QAM	819	26740	10	25	0	21.73
16QAM	819	26740	10	25	12	21.67
16QAM	819	26740	10	25	25	21.60
16QAM	819	26740	10	50	0	21.34

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	1.079	Fig.1
26	QPSK	819	26740	1.4	6	0	1.074	Fig.2
26	QPSK	823.3	26783	1.4	6	0	1.072	Fig.3
26	QPSK	815.5	26705	3	15	0	2.672	Fig.4
26	QPSK	819	26740	3	15	0	2.674	Fig.5
26	QPSK	822.5	26775	3	15	0	2.671	Fig.6
26	QPSK	816.5	26715	5	25	0	4.459	Fig.7
26	QPSK	819	26740	5	25	0	4.448	Fig.8
26	QPSK	821.5	26765	5	25	0	4.469	Fig.9
26	QPSK	819	26740	10	50	0	8.913	Fig.10
26	QPSK	819	26740	10	50	0	8.907	Fig.11
26	QPSK	819	26740	10	50	0	8.908	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	1.073	Fig.13
26	16QAM	819	26740	1.4	6	0	1.082	Fig.14
26	16QAM	823.3	26783	1.4	6	0	1.075	Fig.15
26	16QAM	815.5	26705	3	15	0	2.670	Fig.16
26	16QAM	819	26740	3	15	0	2.671	Fig.17
26	16QAM	822.5	26775	3	15	0	2.671	Fig.18
26	16QAM	816.5	26715	5	25	0	4.450	Fig.19
26	16QAM	819	26740	5	25	0	4.458	Fig.20
26	16QAM	821.5	26765	5	25	0	4.451	Fig.21
26	16QAM	819	26740	10	50	0	8.892	Fig.22
26	16QAM	819	26740	10	50	0	8.917	Fig.23
26	16QAM	819	26740	10	50	0	8.919	Fig.24

Test Mode: QPSK

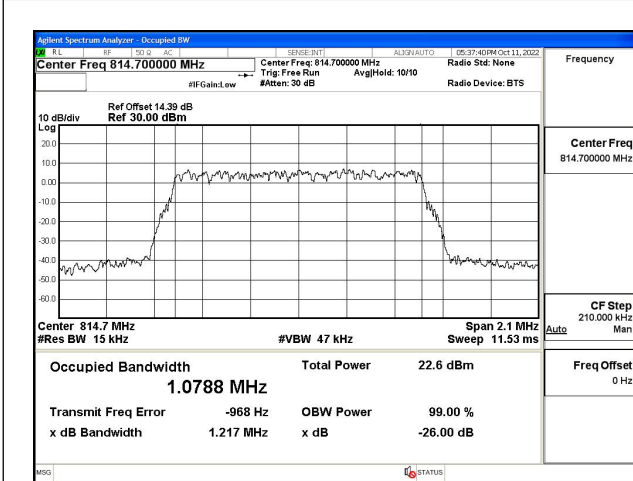


Fig.1

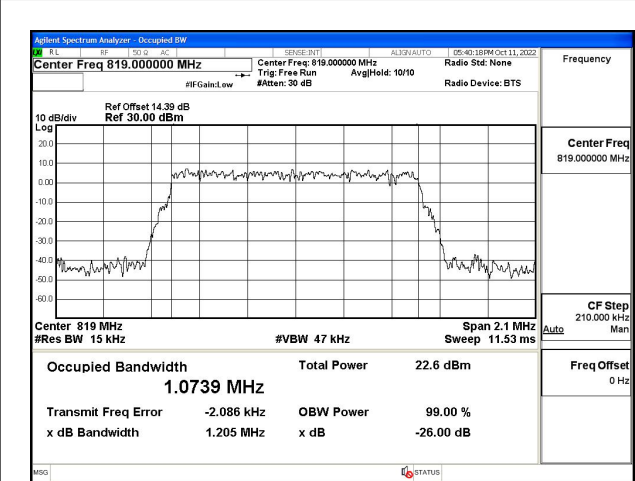


Fig.2

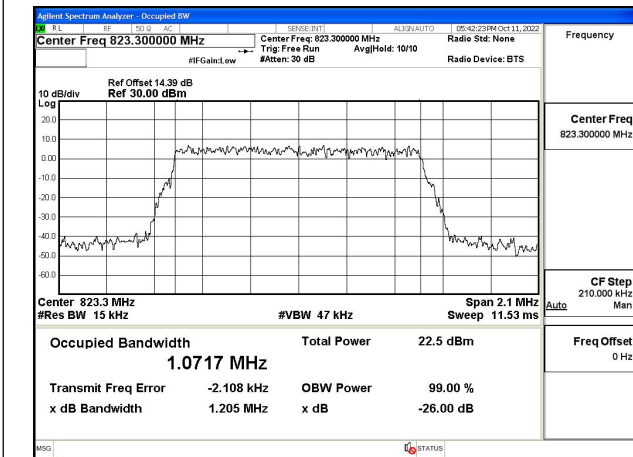


Fig.3

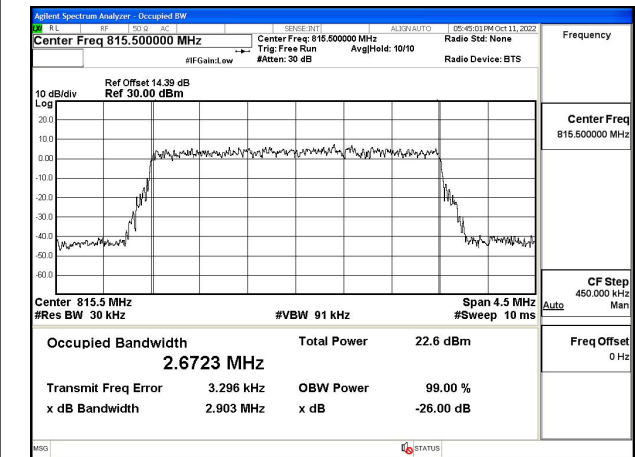


Fig.4

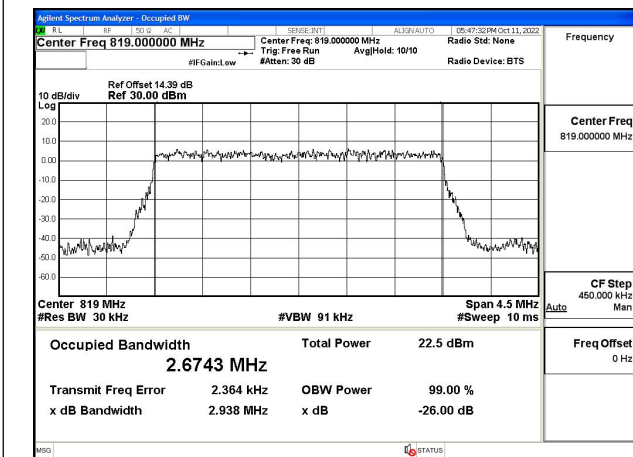


Fig.5

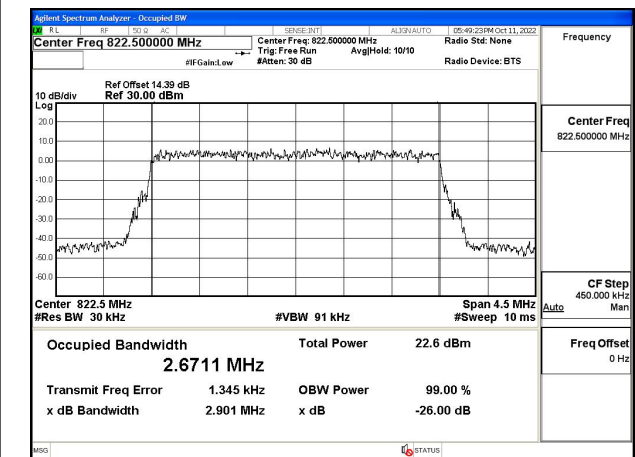


Fig.6

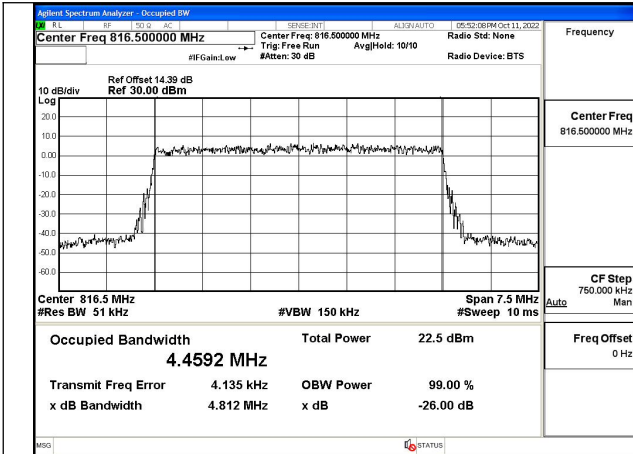


Fig.7

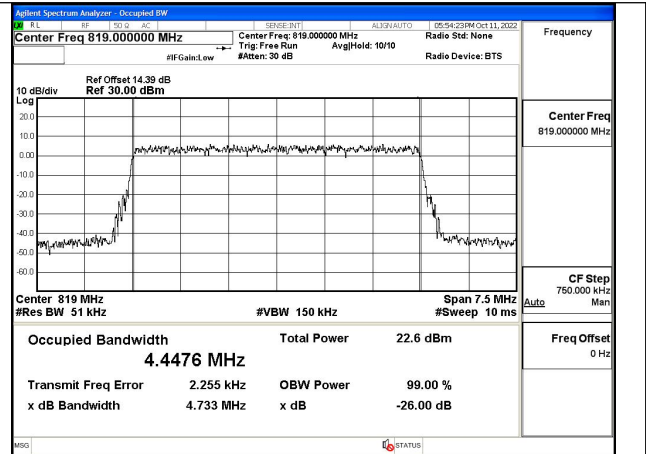


Fig.8

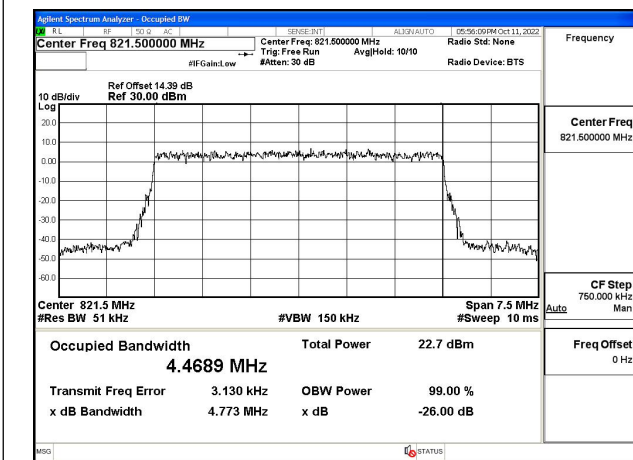


Fig.9

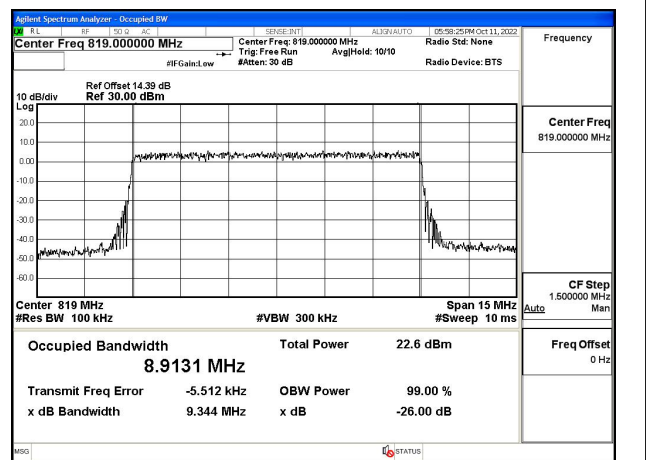


Fig.10

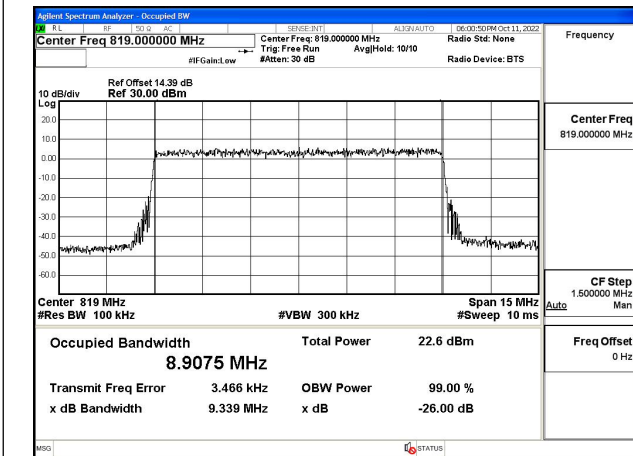


Fig.11

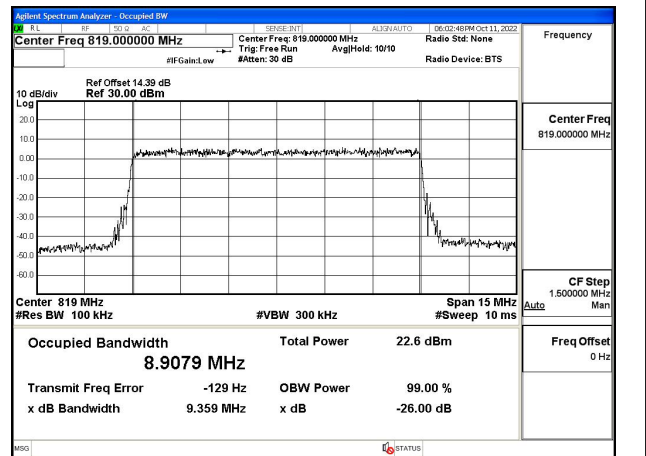


Fig.12

Test Mode: 16QAM

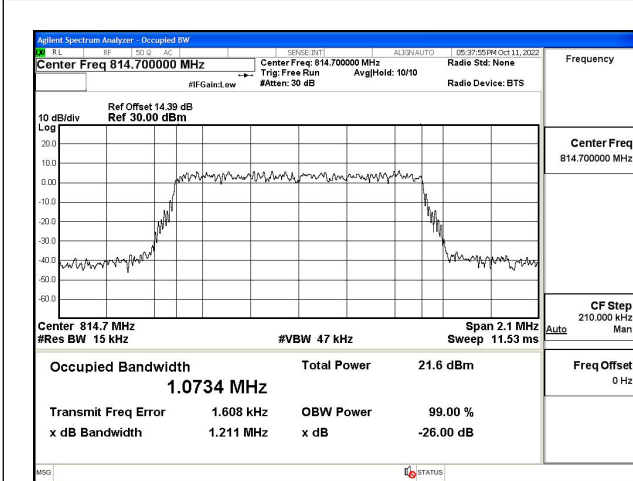


Fig.13

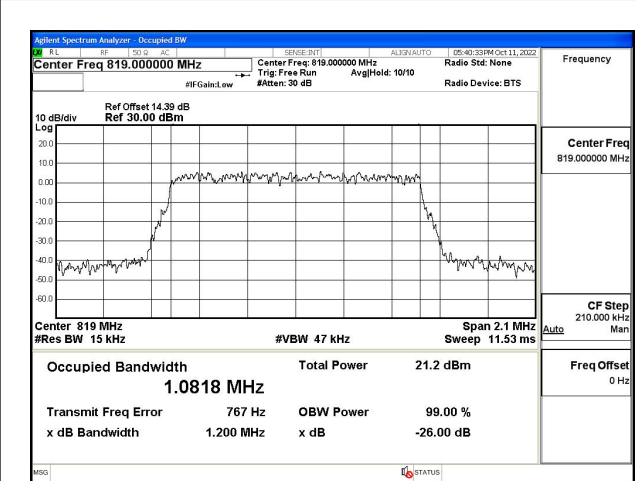


Fig.14

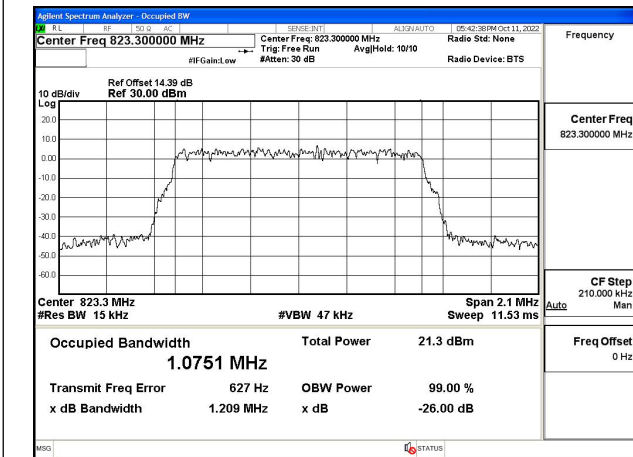


Fig.15

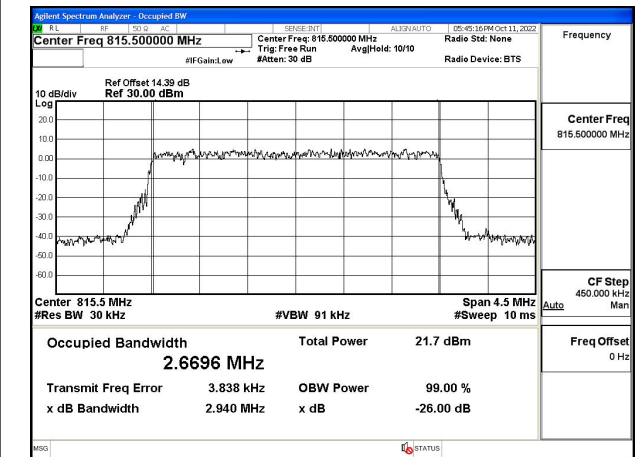


Fig.16

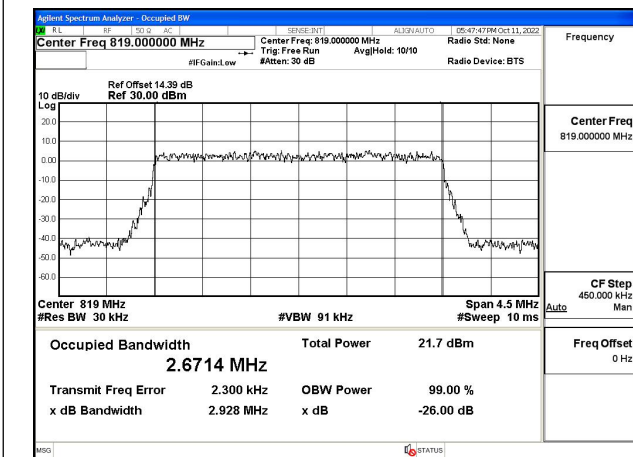


Fig.17

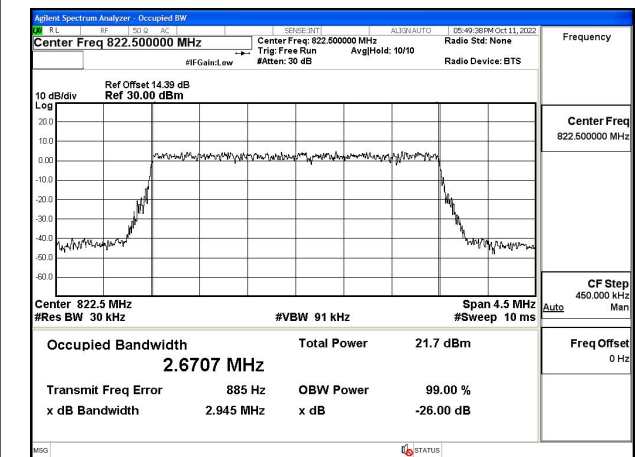


Fig.18

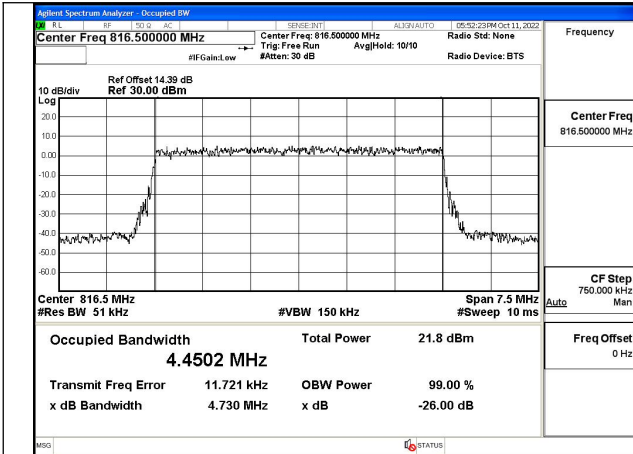


Fig.19

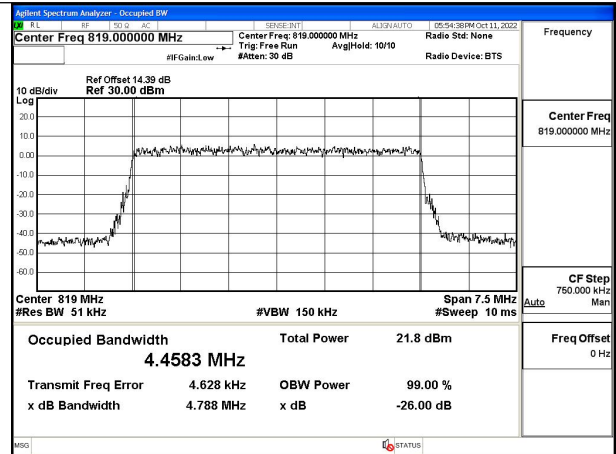


Fig.20

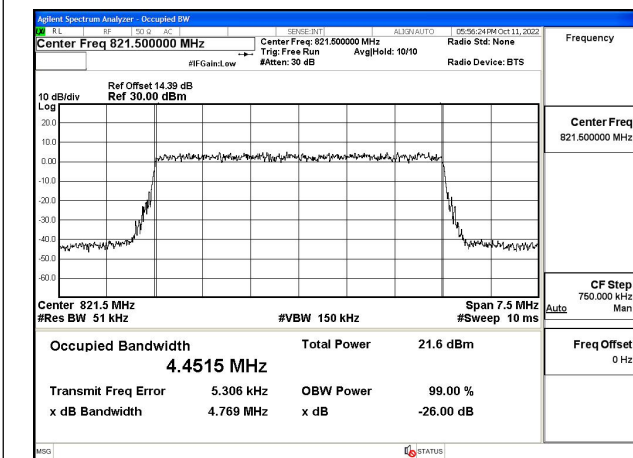


Fig.21

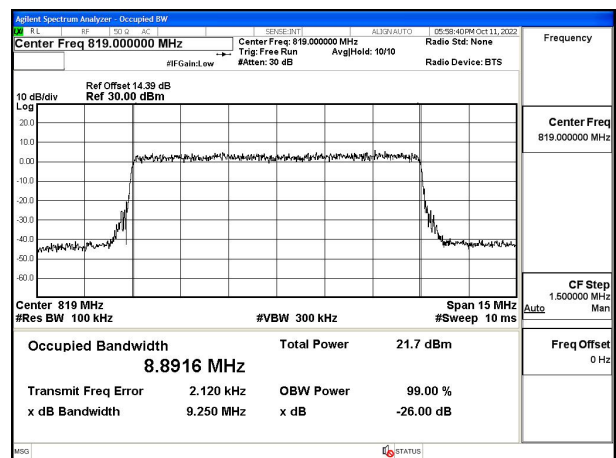


Fig.22

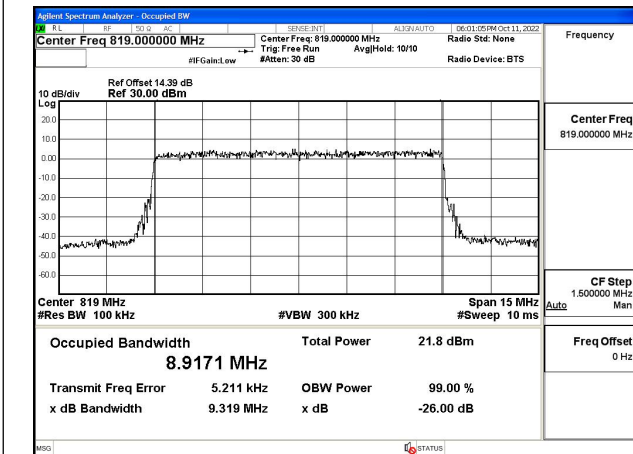


Fig.23

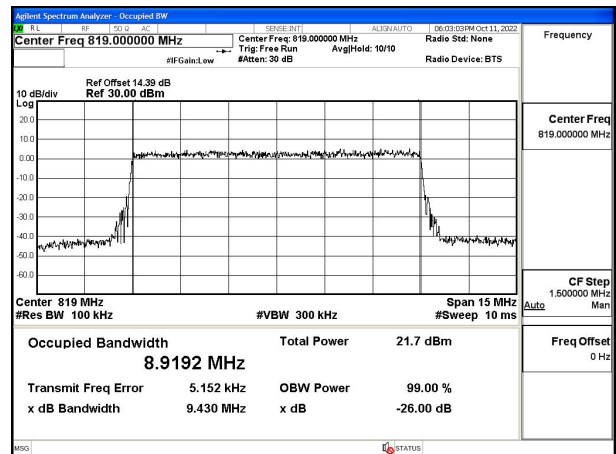


Fig.24

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	1.217	Fig.1
26	QPSK	819	26740	1.4	6	0	1.205	Fig.2
26	QPSK	823.3	26783	1.4	6	0	1.205	Fig.3
26	QPSK	815.5	26705	3	15	0	2.903	Fig.4
26	QPSK	819	26740	3	15	0	2.938	Fig.5
26	QPSK	822.5	26775	3	15	0	2.901	Fig.6
26	QPSK	816.5	26715	5	25	0	4.812	Fig.7
26	QPSK	819	26740	5	25	0	4.733	Fig.8
26	QPSK	821.5	26765	5	25	0	4.773	Fig.9
26	QPSK	819	26740	10	50	0	9.344	Fig.10
26	QPSK	819	26740	10	50	0	9.339	Fig.11
26	QPSK	819	26740	10	50	0	9.359	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	1.211	Fig.13
26	16QAM	819	26740	1.4	6	0	1.200	Fig.14
26	16QAM	823.3	26783	1.4	6	0	1.209	Fig.15
26	16QAM	815.5	26705	3	15	0	2.940	Fig.16
26	16QAM	819	26740	3	15	0	2.928	Fig.17
26	16QAM	822.5	26775	3	15	0	2.945	Fig.18
26	16QAM	816.5	26715	5	25	0	4.730	Fig.19
26	16QAM	819	26740	5	25	0	4.788	Fig.20
26	16QAM	821.5	26765	5	25	0	4.769	Fig.21
26	16QAM	819	26740	10	50	0	9.250	Fig.22
26	16QAM	819	26740	10	50	0	9.319	Fig.23
26	16QAM	819	26740	10	50	0	9.430	Fig.24

Test Mode: QPSK

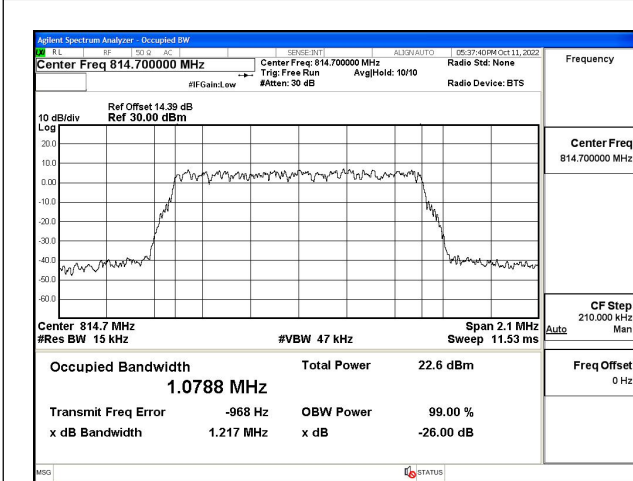


Fig.1

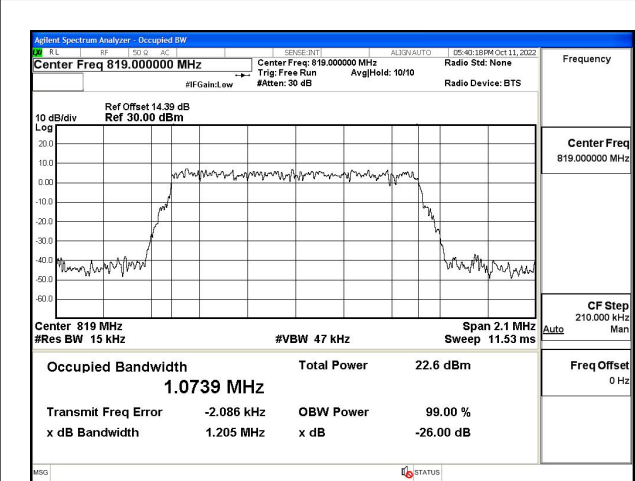


Fig.2

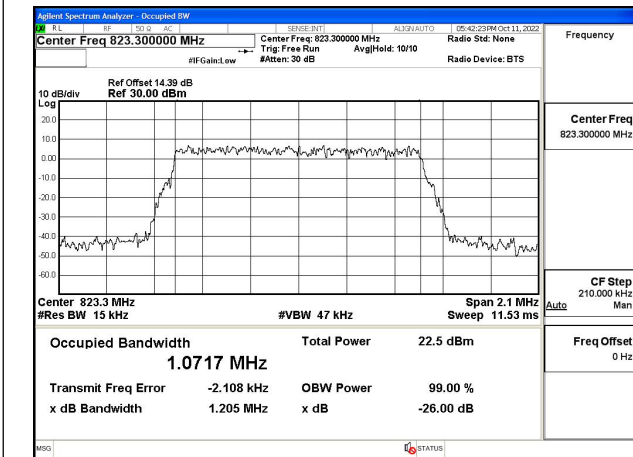


Fig.3

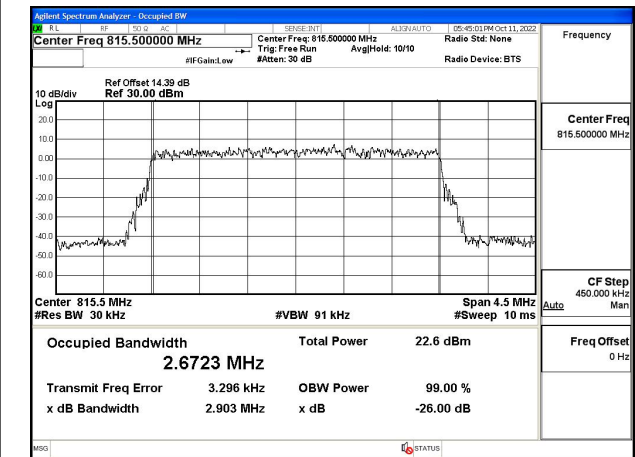


Fig.4

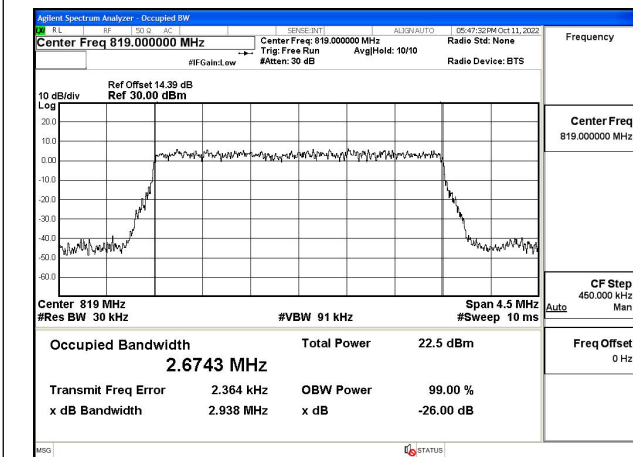


Fig.5

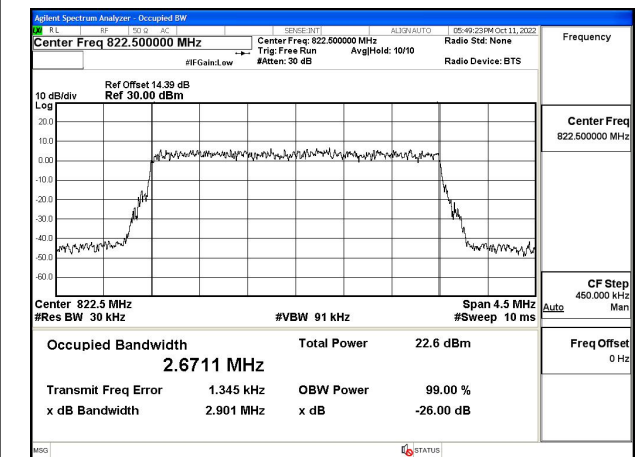


Fig.6

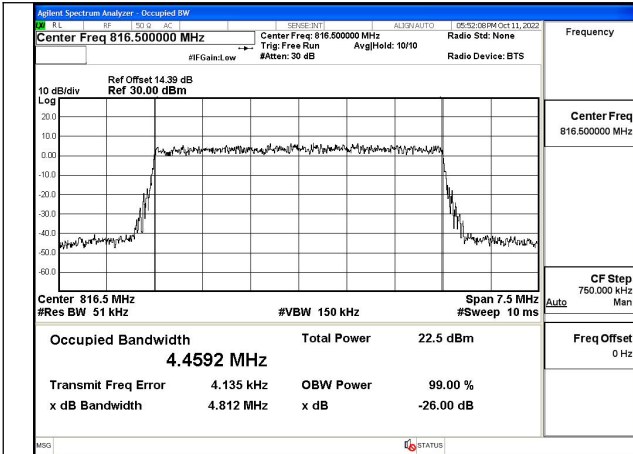


Fig.7

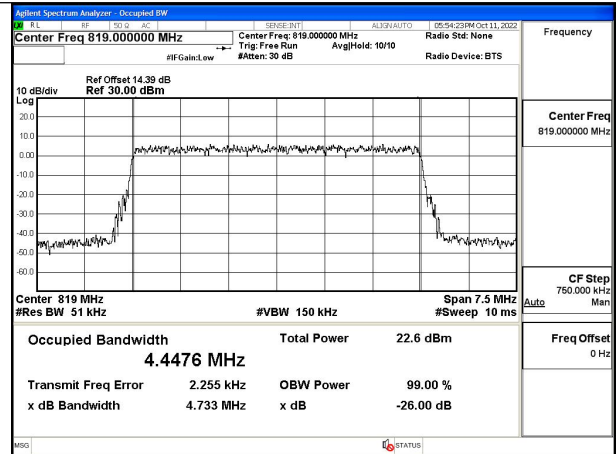


Fig.8

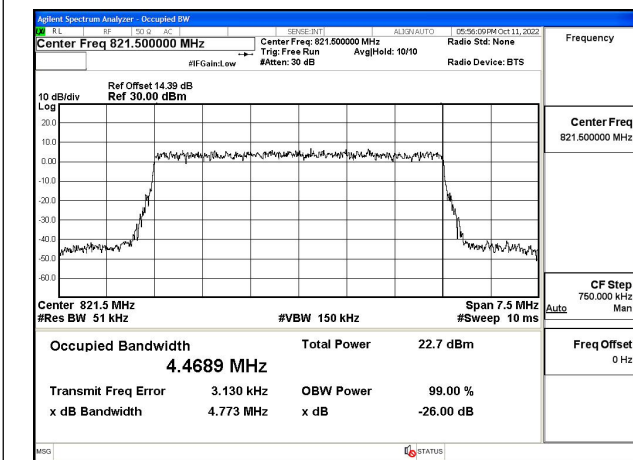


Fig.9

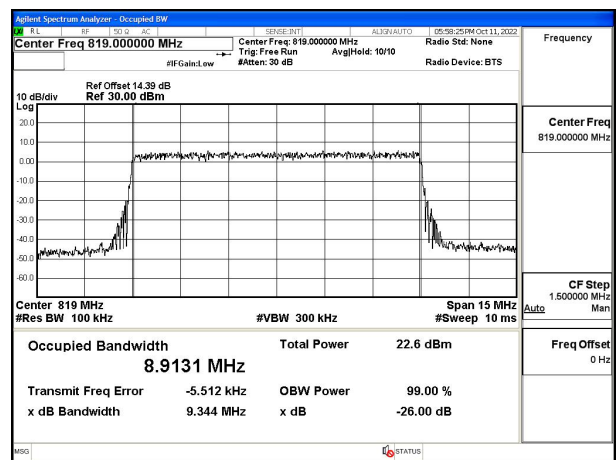


Fig.10

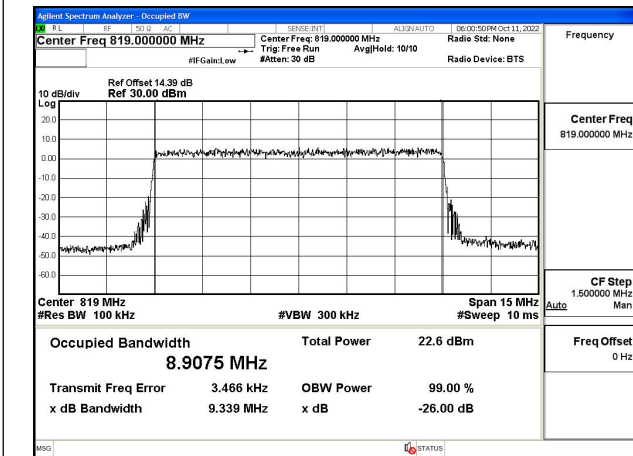


Fig.11

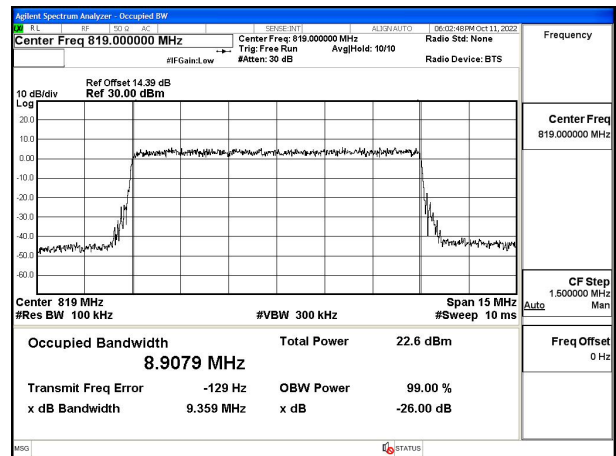


Fig.12

Test Mode: 16QAM

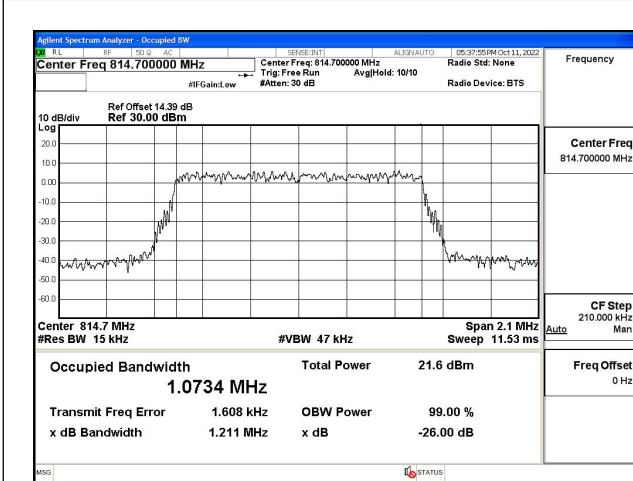


Fig.13

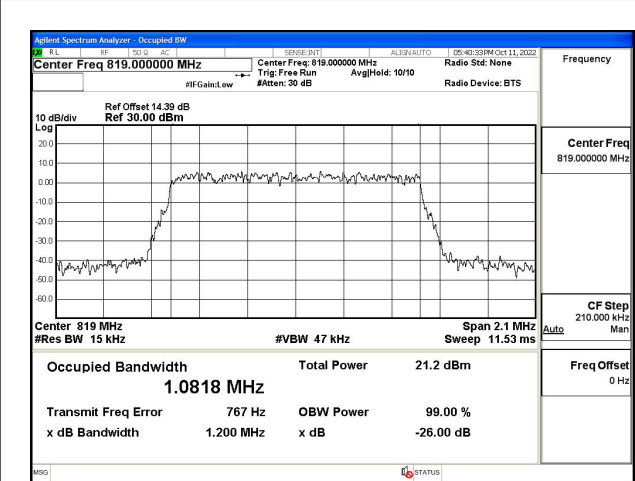


Fig.14

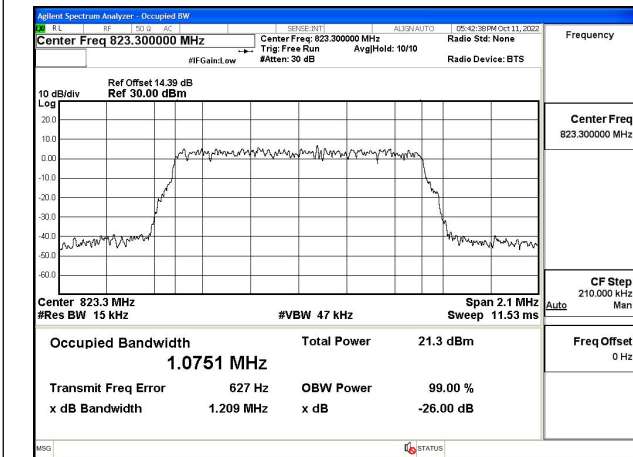


Fig.15

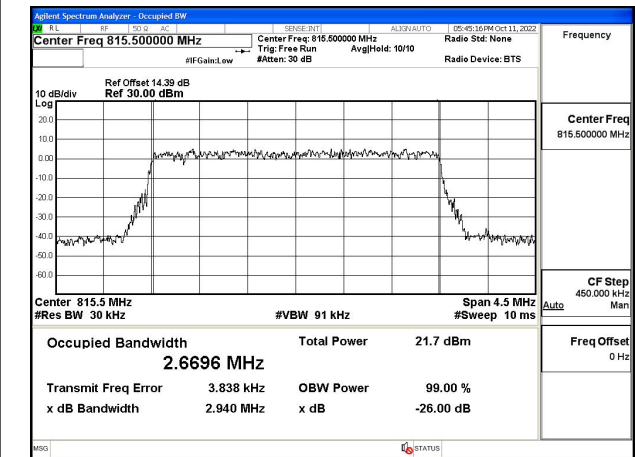


Fig.16

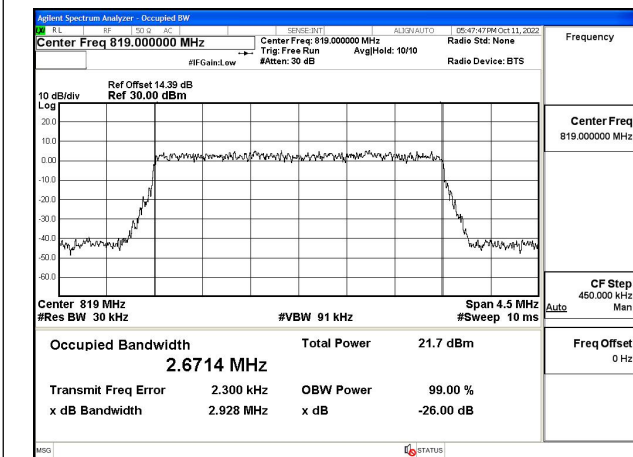


Fig.17

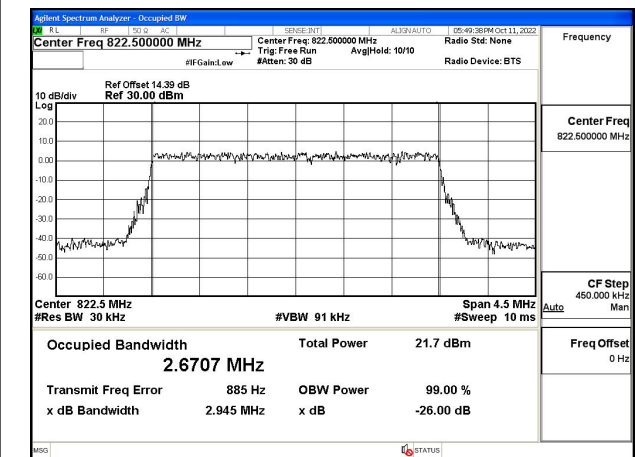


Fig.18