

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 5

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	824.7	20407	1.4	1	0	23.45
QPSK	824.7	20407	1.4	1	3	23.50
QPSK	824.7	20407	1.4	1	5	23.43
QPSK	824.7	20407	1.4	3	0	23.35
QPSK	824.7	20407	1.4	3	1	23.52
QPSK	824.7	20407	1.4	3	3	23.39
QPSK	824.7	20407	1.4	6	0	22.70
QPSK	836.5	20525	1.4	1	0	23.53
QPSK	836.5	20525	1.4	1	3	23.71
QPSK	836.5	20525	1.4	1	5	23.52
QPSK	836.5	20525	1.4	3	0	23.52
QPSK	836.5	20525	1.4	3	1	23.47
QPSK	836.5	20525	1.4	3	3	23.56
QPSK	836.5	20525	1.4	6	0	22.69
QPSK	848.3	20643	1.4	1	0	23.47
QPSK	848.3	20643	1.4	1	3	23.51
QPSK	848.3	20643	1.4	1	5	23.46
QPSK	848.3	20643	1.4	3	0	23.39
QPSK	848.3	20643	1.4	3	1	23.43
QPSK	848.3	20643	1.4	3	3	23.49
QPSK	848.3	20643	1.4	6	0	22.72

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	824.7	20407	1.4	1	0	22.66
16QAM	824.7	20407	1.4	1	3	22.75
16QAM	824.7	20407	1.4	1	5	22.72
16QAM	824.7	20407	1.4	3	0	22.66
16QAM	824.7	20407	1.4	3	1	22.88
16QAM	824.7	20407	1.4	3	3	22.70
16QAM	824.7	20407	1.4	6	0	21.82
16QAM	836.5	20525	1.4	1	0	22.87
16QAM	836.5	20525	1.4	1	3	23.12
16QAM	836.5	20525	1.4	1	5	23.15
16QAM	836.5	20525	1.4	3	0	22.80
16QAM	836.5	20525	1.4	3	1	23.07
16QAM	836.5	20525	1.4	3	3	22.71
16QAM	836.5	20525	1.4	6	0	21.76
16QAM	848.3	20643	1.4	1	0	22.99
16QAM	848.3	20643	1.4	1	3	23.22
16QAM	848.3	20643	1.4	1	5	22.98
16QAM	848.3	20643	1.4	3	0	22.59
16QAM	848.3	20643	1.4	3	1	22.66
16QAM	848.3	20643	1.4	3	3	22.66
16QAM	848.3	20643	1.4	6	0	21.85
64QAM	824.7	20407	1.4	1	0	22.20
64QAM	824.7	20407	1.4	1	3	22.15
64QAM	824.7	20407	1.4	1	5	22.28
64QAM	824.7	20407	1.4	3	0	22.17
64QAM	824.7	20407	1.4	3	1	21.96
64QAM	824.7	20407	1.4	3	3	22.07
64QAM	824.7	20407	1.4	6	0	20.64
64QAM	836.5	20525	1.4	1	0	21.82
64QAM	836.5	20525	1.4	1	3	22.01
64QAM	836.5	20525	1.4	1	5	21.84
64QAM	836.5	20525	1.4	3	0	21.71
64QAM	836.5	20525	1.4	3	1	21.95
64QAM	836.5	20525	1.4	3	3	21.99
64QAM	836.5	20525	1.4	6	0	20.99
64QAM	848.3	20643	1.4	1	0	22.07
64QAM	848.3	20643	1.4	1	3	22.13
64QAM	848.3	20643	1.4	1	5	22.08
64QAM	848.3	20643	1.4	3	0	21.69
64QAM	848.3	20643	1.4	3	1	21.72
64QAM	848.3	20643	1.4	3	3	21.72
64QAM	848.3	20643	1.4	6	0	20.77

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	825.5	20415	3	1	0	23.64
QPSK	825.5	20415	3	1	8	23.63
QPSK	825.5	20415	3	1	14	23.55
QPSK	825.5	20415	3	8	0	22.88
QPSK	825.5	20415	3	8	4	22.82
QPSK	825.5	20415	3	8	7	22.80
QPSK	825.5	20415	3	15	0	22.79
QPSK	836.5	20525	3	1	0	23.71
QPSK	836.5	20525	3	1	8	23.75
QPSK	836.5	20525	3	1	14	23.66
QPSK	836.5	20525	3	8	0	22.77
QPSK	836.5	20525	3	8	4	22.95
QPSK	836.5	20525	3	8	7	22.95
QPSK	836.5	20525	3	15	0	22.85
QPSK	847.5	20635	3	1	0	23.68
QPSK	847.5	20635	3	1	8	23.78
QPSK	847.5	20635	3	1	14	23.63
QPSK	847.5	20635	3	8	0	22.87
QPSK	847.5	20635	3	8	4	22.82
QPSK	847.5	20635	3	8	7	22.86
QPSK	847.5	20635	3	15	0	22.81

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	825.5	20415	3	1	0	23.50
16QAM	825.5	20415	3	1	8	23.58
16QAM	825.5	20415	3	1	14	23.55
16QAM	825.5	20415	3	8	0	21.92
16QAM	825.5	20415	3	8	4	21.88
16QAM	825.5	20415	3	8	7	21.83
16QAM	825.5	20415	3	15	0	21.80
16QAM	836.5	20525	3	1	0	23.03
16QAM	836.5	20525	3	1	8	23.17
16QAM	836.5	20525	3	1	14	23.00
16QAM	836.5	20525	3	8	0	21.83
16QAM	836.5	20525	3	8	4	21.84
16QAM	836.5	20525	3	8	7	21.94
16QAM	836.5	20525	3	15	0	21.87
16QAM	847.5	20635	3	1	0	23.19
16QAM	847.5	20635	3	1	8	23.23
16QAM	847.5	20635	3	1	14	23.09
16QAM	847.5	20635	3	8	0	21.90
16QAM	847.5	20635	3	8	4	21.89
16QAM	847.5	20635	3	8	7	22.00
16QAM	847.5	20635	3	15	0	21.83
64QAM	825.5	20415	3	1	0	22.36
64QAM	825.5	20415	3	1	8	22.30
64QAM	825.5	20415	3	1	14	22.17
64QAM	825.5	20415	3	8	0	20.80
64QAM	825.5	20415	3	8	4	21.16
64QAM	825.5	20415	3	8	7	20.86
64QAM	825.5	20415	3	15	0	20.79
64QAM	836.5	20525	3	1	0	21.85
64QAM	836.5	20525	3	1	8	22.06
64QAM	836.5	20525	3	1	14	22.04
64QAM	836.5	20525	3	8	0	20.78
64QAM	836.5	20525	3	8	4	20.97
64QAM	836.5	20525	3	8	7	20.88
64QAM	836.5	20525	3	15	0	21.00
64QAM	847.5	20635	3	1	0	22.34
64QAM	847.5	20635	3	1	8	22.20
64QAM	847.5	20635	3	1	14	22.24
64QAM	847.5	20635	3	8	0	20.76
64QAM	847.5	20635	3	8	4	20.84
64QAM	847.5	20635	3	8	7	20.81
64QAM	847.5	20635	3	15	0	20.93

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	826.5	20425	5	1	0	23.51
QPSK	826.5	20425	5	1	12	23.45
QPSK	826.5	20425	5	1	24	23.61
QPSK	826.5	20425	5	12	0	22.81
QPSK	826.5	20425	5	12	7	22.86
QPSK	826.5	20425	5	12	13	22.89
QPSK	826.5	20425	5	25	0	22.89
QPSK	836.5	20525	5	1	0	23.74
QPSK	836.5	20525	5	1	12	23.52
QPSK	836.5	20525	5	1	24	23.77
QPSK	836.5	20525	5	12	0	22.93
QPSK	836.5	20525	5	12	7	22.87
QPSK	836.5	20525	5	12	13	22.97
QPSK	836.5	20525	5	25	0	22.89
QPSK	846.5	20625	5	1	0	23.56
QPSK	846.5	20625	5	1	12	23.52
QPSK	846.5	20625	5	1	24	23.66
QPSK	846.5	20625	5	12	0	22.92
QPSK	846.5	20625	5	12	7	22.85
QPSK	846.5	20625	5	12	13	22.96
QPSK	846.5	20625	5	25	0	22.87

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	826.5	20425	5	1	0	23.15
16QAM	826.5	20425	5	1	12	22.78
16QAM	826.5	20425	5	1	24	22.91
16QAM	826.5	20425	5	12	0	21.81
16QAM	826.5	20425	5	12	7	21.89
16QAM	826.5	20425	5	12	13	21.88
16QAM	826.5	20425	5	25	0	21.89
16QAM	836.5	20525	5	1	0	23.20
16QAM	836.5	20525	5	1	12	23.26
16QAM	836.5	20525	5	1	24	23.37
16QAM	836.5	20525	5	12	0	21.76
16QAM	836.5	20525	5	12	7	21.90
16QAM	836.5	20525	5	12	13	21.94
16QAM	836.5	20525	5	25	0	21.82
16QAM	846.5	20625	5	1	0	22.91
16QAM	846.5	20625	5	1	12	23.10
16QAM	846.5	20625	5	1	24	23.08
16QAM	846.5	20625	5	12	0	21.89
16QAM	846.5	20625	5	12	7	21.88
16QAM	846.5	20625	5	12	13	21.89
16QAM	846.5	20625	5	25	0	21.84
64QAM	826.5	20425	5	1	0	21.94
64QAM	826.5	20425	5	1	12	21.84
64QAM	826.5	20425	5	1	24	22.03
64QAM	826.5	20425	5	12	0	20.96
64QAM	826.5	20425	5	12	7	20.97
64QAM	826.5	20425	5	12	13	20.92
64QAM	826.5	20425	5	25	0	20.85
64QAM	836.5	20525	5	1	0	22.10
64QAM	836.5	20525	5	1	12	22.07
64QAM	836.5	20525	5	1	24	22.05
64QAM	836.5	20525	5	12	0	20.97
64QAM	836.5	20525	5	12	7	20.96
64QAM	836.5	20525	5	12	13	21.08
64QAM	836.5	20525	5	25	0	20.93
64QAM	846.5	20625	5	1	0	21.96
64QAM	846.5	20625	5	1	12	21.92
64QAM	846.5	20625	5	1	24	22.02
64QAM	846.5	20625	5	12	0	21.00
64QAM	846.5	20625	5	12	7	20.92
64QAM	846.5	20625	5	12	13	21.06
64QAM	846.5	20625	5	25	0	20.81

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	829	20450	10	1	0	23.48
QPSK	829	20450	10	1	25	23.51
QPSK	829	20450	10	1	49	23.56
QPSK	829	20450	10	25	0	22.76
QPSK	829	20450	10	25	12	22.92
QPSK	829	20450	10	25	25	22.96
QPSK	829	20450	10	50	0	22.84
QPSK	836.5	20525	10	1	0	23.67
QPSK	836.5	20525	10	1	25	23.61
QPSK	836.5	20525	10	1	49	23.53
QPSK	836.5	20525	10	25	0	22.87
QPSK	836.5	20525	10	25	12	22.86
QPSK	836.5	20525	10	25	25	22.93
QPSK	836.5	20525	10	50	0	22.88
QPSK	844	20600	10	1	0	23.56
QPSK	844	20600	10	1	25	23.68
QPSK	844	20600	10	1	49	23.74
QPSK	844	20600	10	25	0	22.90
QPSK	844	20600	10	25	12	22.92
QPSK	844	20600	10	25	25	22.90
QPSK	844	20600	10	50	0	22.85

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	829	20450	10	1	0	23.80
16QAM	829	20450	10	1	25	23.39
16QAM	829	20450	10	1	49	23.66
16QAM	829	20450	10	25	0	21.83
16QAM	829	20450	10	25	12	21.95
16QAM	829	20450	10	25	25	21.97
16QAM	829	20450	10	50	0	21.89
16QAM	836.5	20525	10	1	0	23.07
16QAM	836.5	20525	10	1	25	23.07
16QAM	836.5	20525	10	1	49	23.01
16QAM	836.5	20525	10	25	0	21.97
16QAM	836.5	20525	10	25	12	21.86
16QAM	836.5	20525	10	25	25	22.08
16QAM	836.5	20525	10	50	0	21.98
16QAM	844	20600	10	1	0	23.17
16QAM	844	20600	10	1	25	23.09
16QAM	844	20600	10	1	49	23.13
16QAM	844	20600	10	25	0	21.88
16QAM	844	20600	10	25	12	21.89
16QAM	844	20600	10	25	25	21.98
16QAM	844	20600	10	50	0	22.01
64QAM	829	20450	10	1	0	22.23
64QAM	829	20450	10	1	25	22.23
64QAM	829	20450	10	1	49	22.19
64QAM	829	20450	10	25	0	20.87
64QAM	829	20450	10	25	12	20.92
64QAM	829	20450	10	25	25	20.98
64QAM	829	20450	10	50	0	20.89
64QAM	836.5	20525	10	1	0	21.92
64QAM	836.5	20525	10	1	25	22.01
64QAM	836.5	20525	10	1	49	22.03
64QAM	836.5	20525	10	25	0	20.97
64QAM	836.5	20525	10	25	12	20.99
64QAM	836.5	20525	10	25	25	21.13
64QAM	836.5	20525	10	50	0	21.09
64QAM	844	20600	10	1	0	22.02
64QAM	844	20600	10	1	25	22.08
64QAM	844	20600	10	1	49	22.16
64QAM	844	20600	10	25	0	21.17
64QAM	844	20600	10	25	12	21.04
64QAM	844	20600	10	25	25	21.13
64QAM	844	20600	10	50	0	21.00

2 Occupied Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
5	QPSK	824.7	20407	1.4	6	0	1.073	Fig.1
5	QPSK	836.5	20525	1.4	6	0	1.075	Fig.2
5	QPSK	848.3	20643	1.4	6	0	1.075	Fig.3
5	QPSK	825.5	20415	3	15	0	2.680	Fig.4
5	QPSK	836.5	20525	3	15	0	2.671	Fig.5
5	QPSK	847.5	20635	3	15	0	2.674	Fig.6
5	QPSK	836.5	20525	5	25	0	4.460	Fig.7
5	QPSK	846.5	20625	5	25	0	4.478	Fig.8
5	QPSK	829	20450	10	50	0	8.935	Fig.9
5	QPSK	836.5	20525	10	50	0	8.909	Fig.10
5	QPSK	844	20600	10	50	0	8.930	Fig.11

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
5	16QAM	824.7	20407	1.4	6	0	1.079	Fig.12
5	16QAM	836.5	20525	1.4	6	0	1.078	Fig.13
5	16QAM	848.3	20643	1.4	6	0	1.073	Fig.14
5	16QAM	825.5	20415	3	15	0	2.678	Fig.15
5	16QAM	836.5	20525	3	15	0	2.673	Fig.16
5	16QAM	847.5	20635	3	15	0	2.679	Fig.17
5	16QAM	836.5	20525	5	25	0	4.467	Fig.18
5	16QAM	846.5	20625	5	25	0	4.457	Fig.19
5	16QAM	829	20450	10	50	0	8.929	Fig.20
5	16QAM	836.5	20525	10	50	0	8.892	Fig.21
5	16QAM	844	20600	10	50	0	8.908	Fig.22

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
5	64QAM	824.7	20407	1.4	6	0	1.072	Fig.23
5	64QAM	836.5	20525	1.4	6	0	1.072	Fig.24
5	64QAM	848.3	20643	1.4	6	0	1.079	Fig.25
5	64QAM	825.5	20415	3	15	0	2.676	Fig.26
5	64QAM	836.5	20525	3	15	0	2.674	Fig.27
5	64QAM	847.5	20635	3	15	0	2.676	Fig.28
5	64QAM	836.5	20525	5	25	0	4.445	Fig.29
5	64QAM	846.5	20625	5	25	0	4.456	Fig.30
5	64QAM	829	20450	10	50	0	8.862	Fig.31
5	64QAM	836.5	20525	10	50	0	8.912	Fig.32
5	64QAM	844	20600	10	50	0	8.885	Fig.33

Test Mode: QPSK

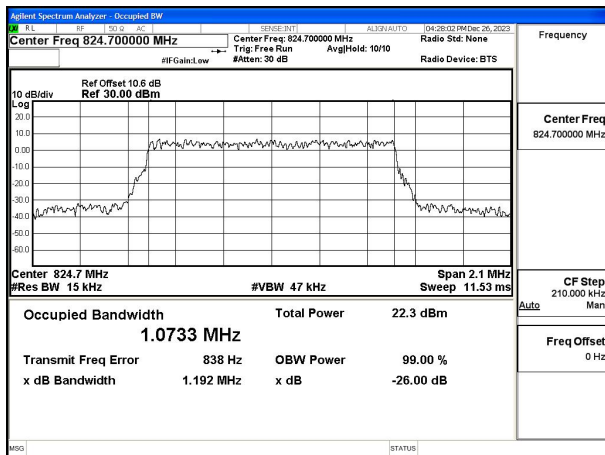


Fig.1

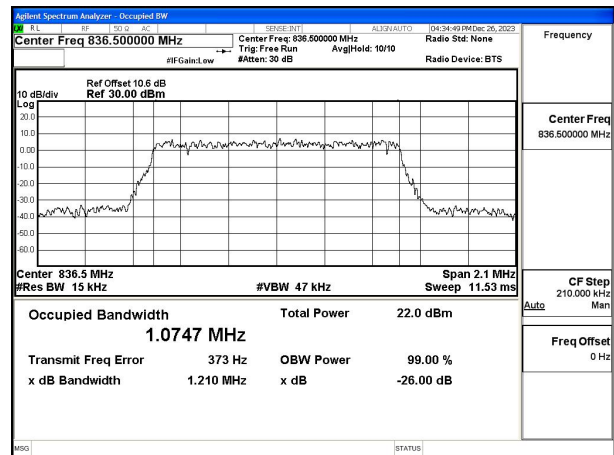


Fig.2

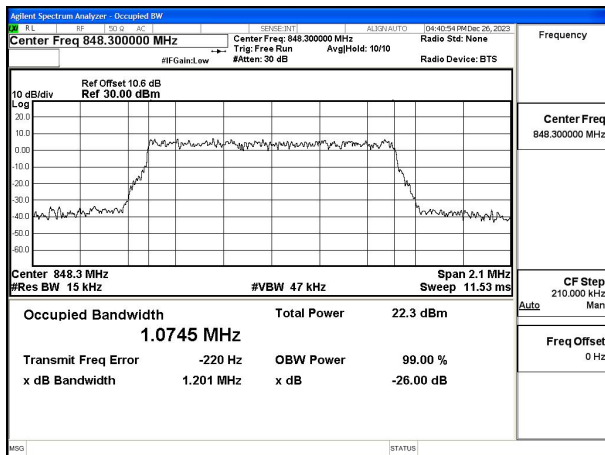


Fig.3

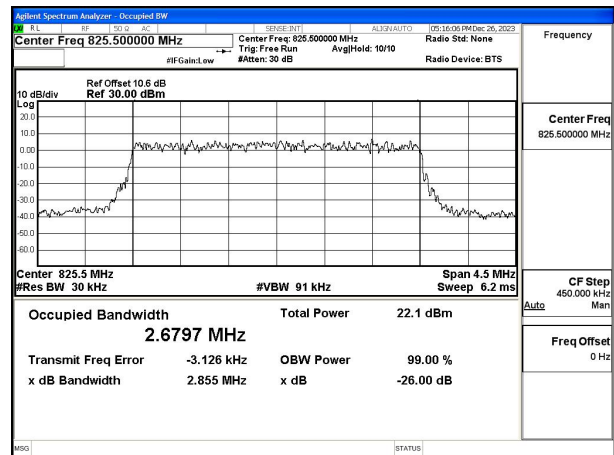


Fig.4

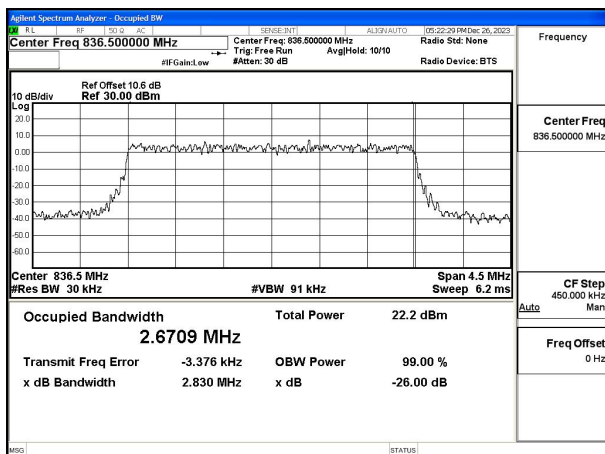


Fig.5

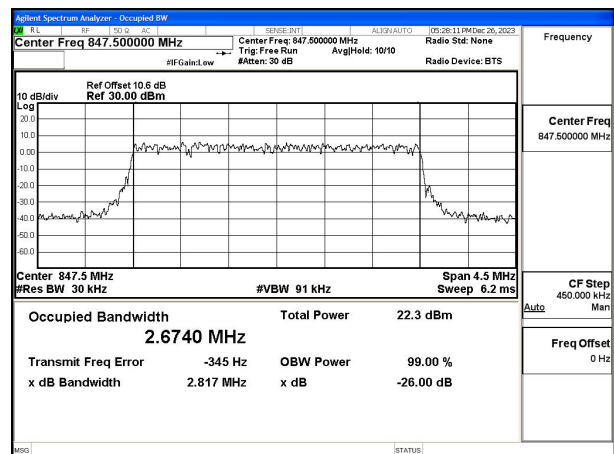


Fig.6



Fig.7

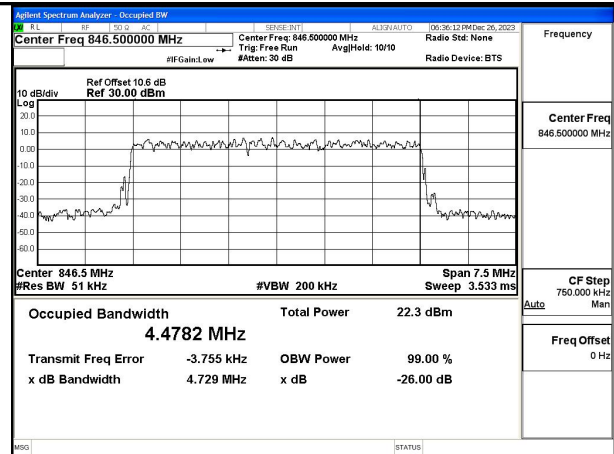


Fig.8

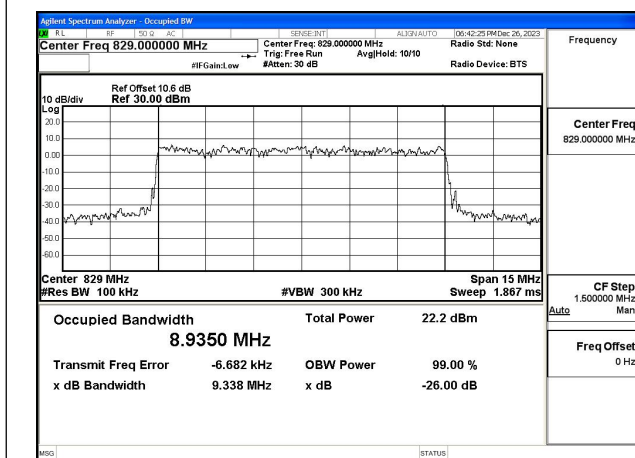


Fig.9

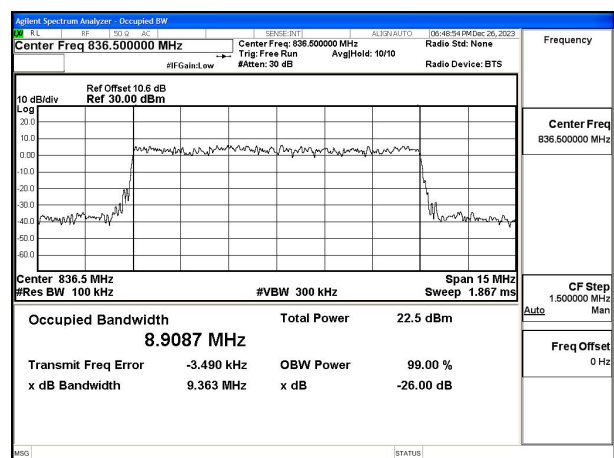


Fig.10

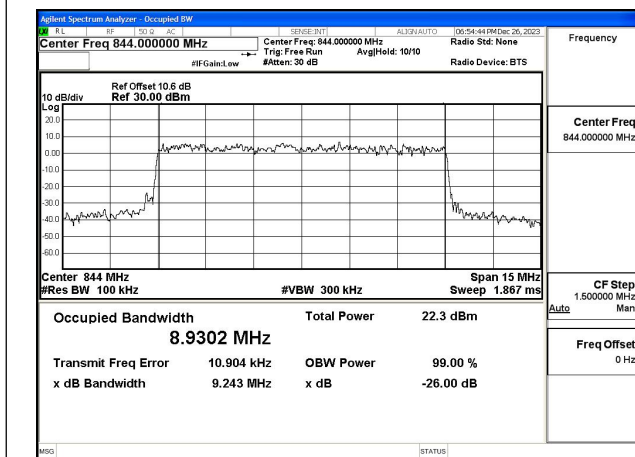


Fig.11

Test Mode: 16QAM

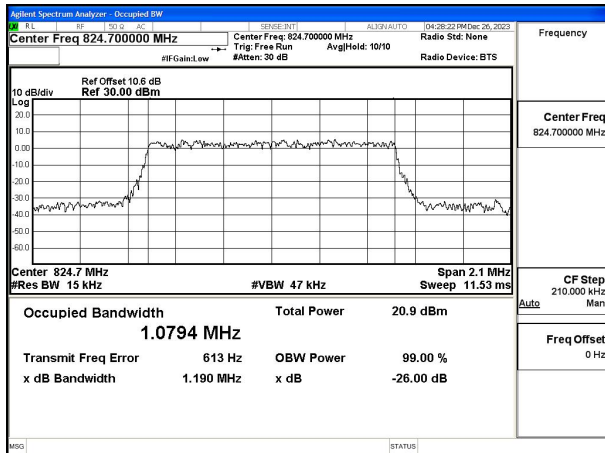


Fig.12

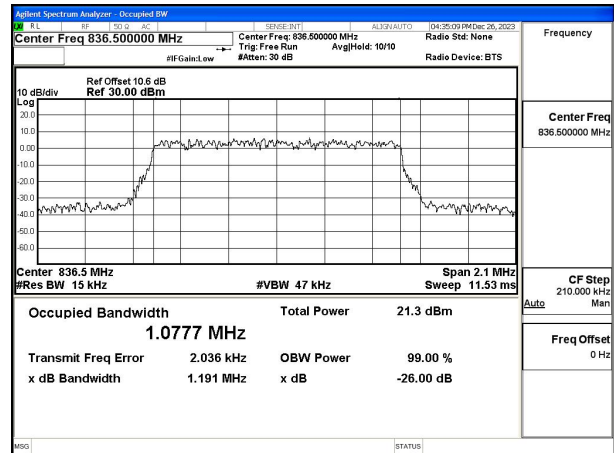


Fig.13

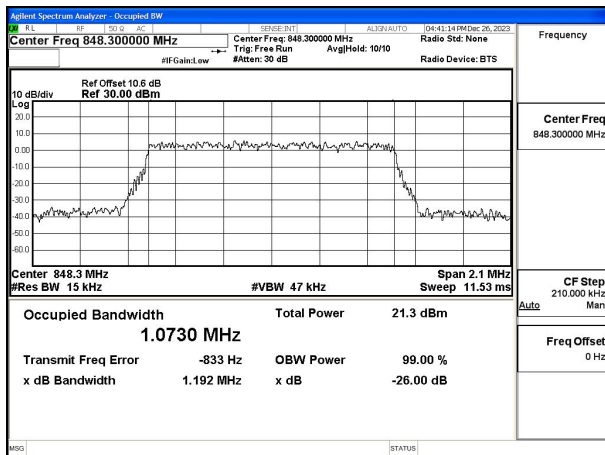


Fig.14

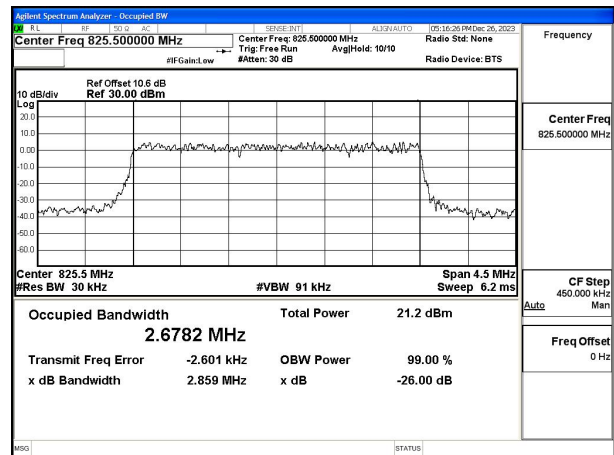


Fig.15

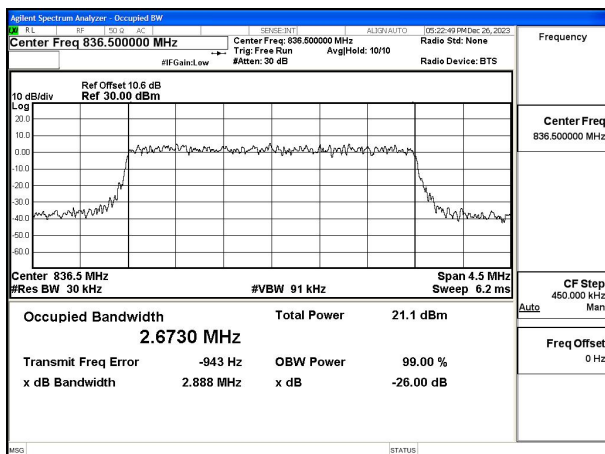


Fig.16

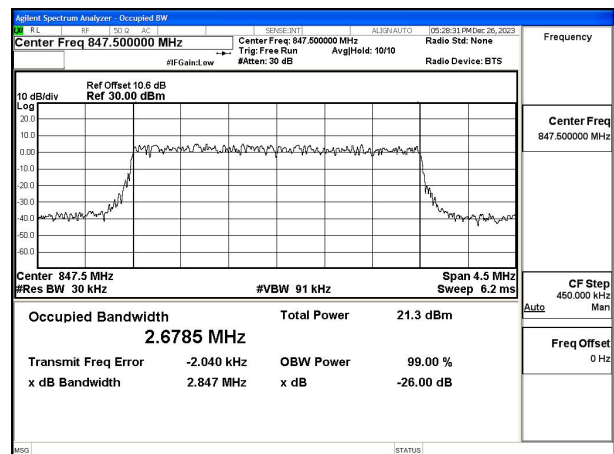


Fig.17

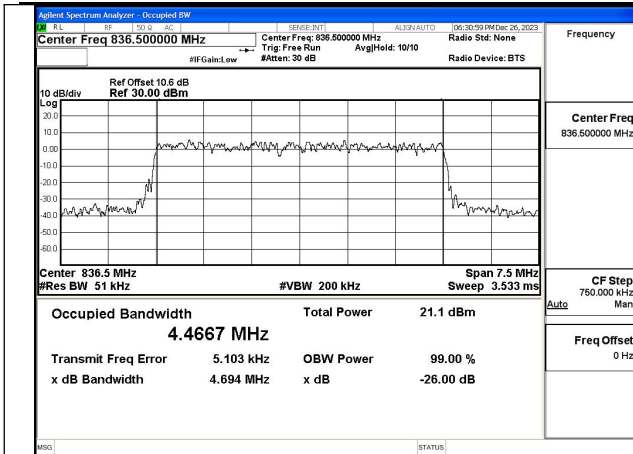


Fig.18

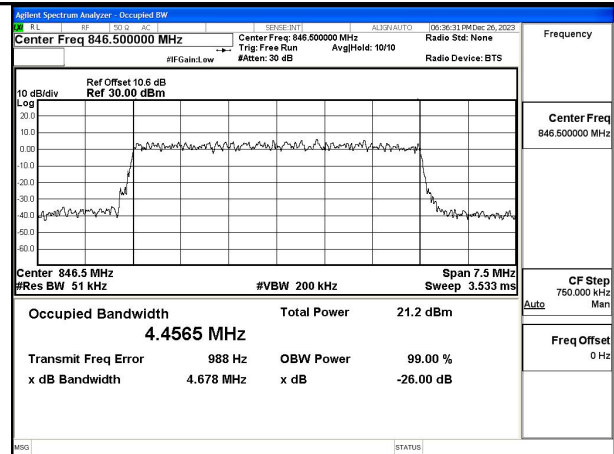


Fig.19

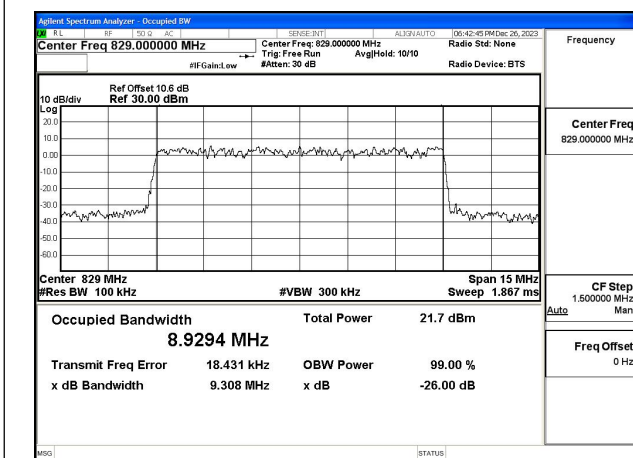


Fig.20

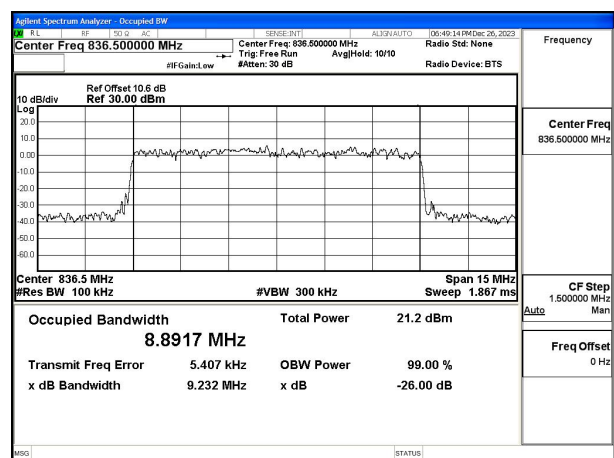


Fig.21

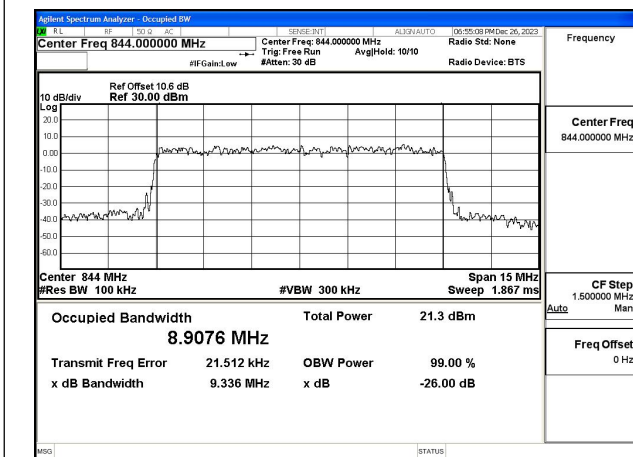


Fig.22

Test Mode: 64QAM

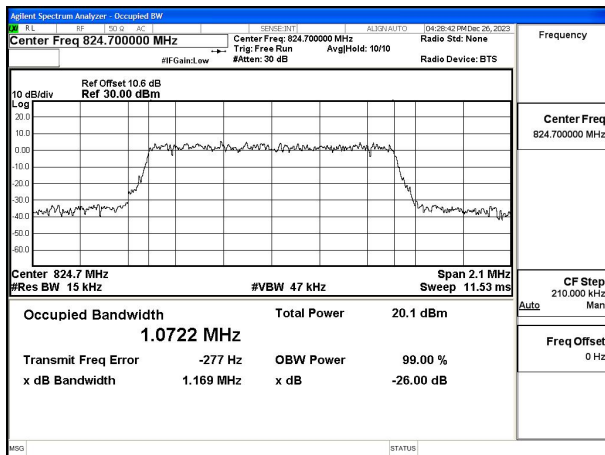


Fig.23

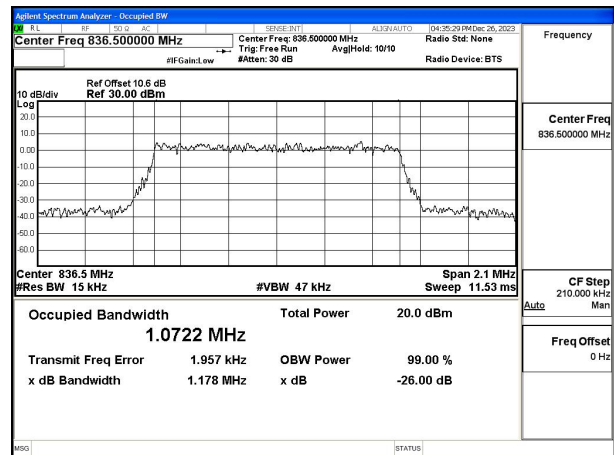


Fig.24

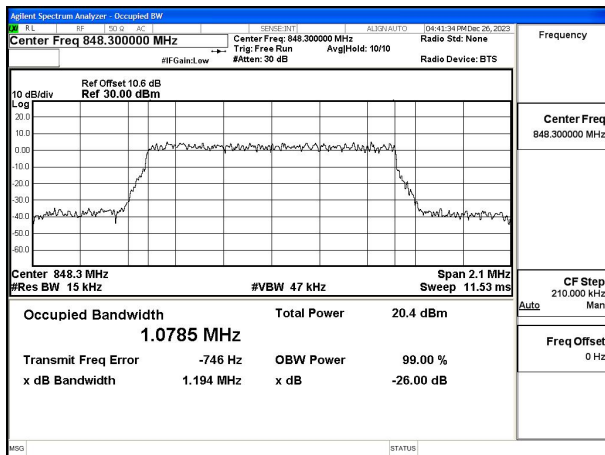


Fig.25

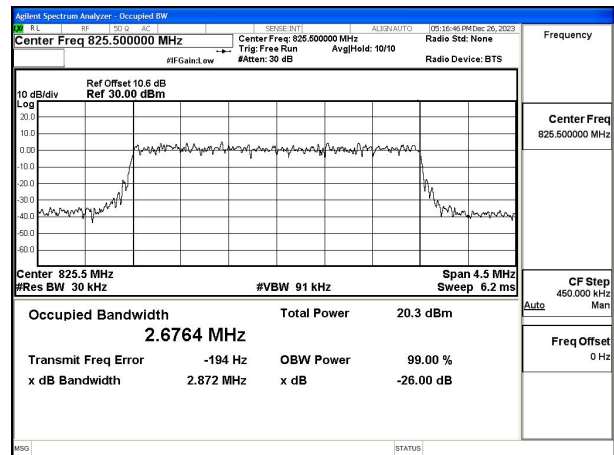


Fig.26

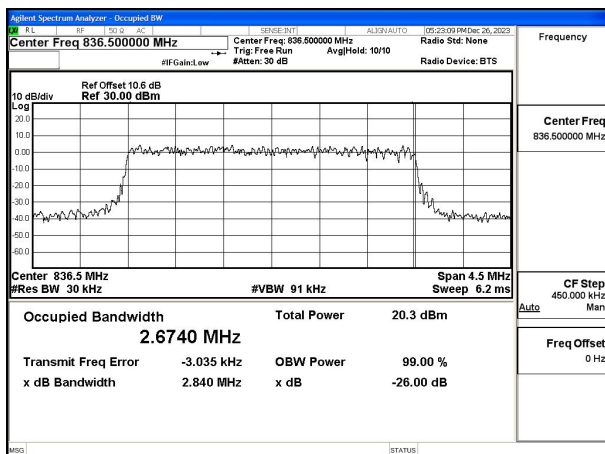


Fig.27

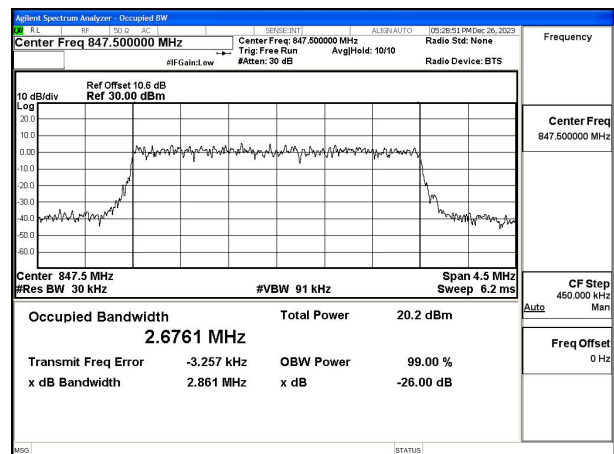


Fig.28

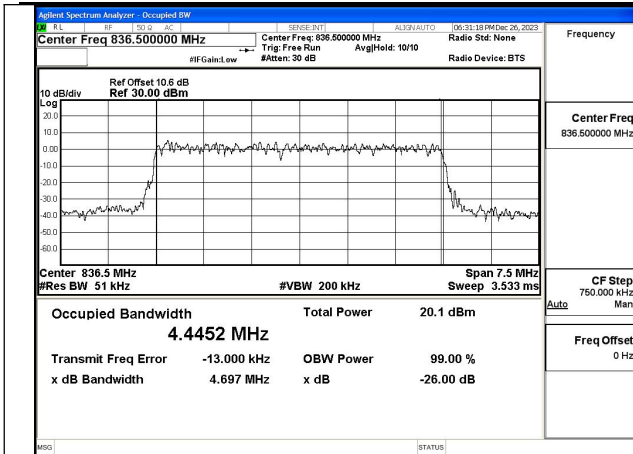


Fig.29

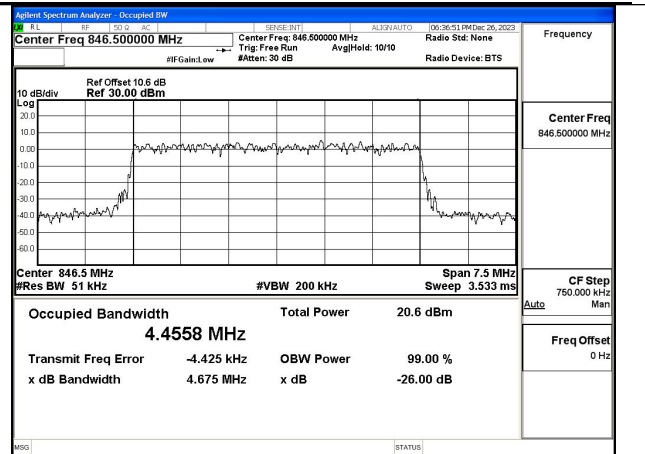


Fig.30

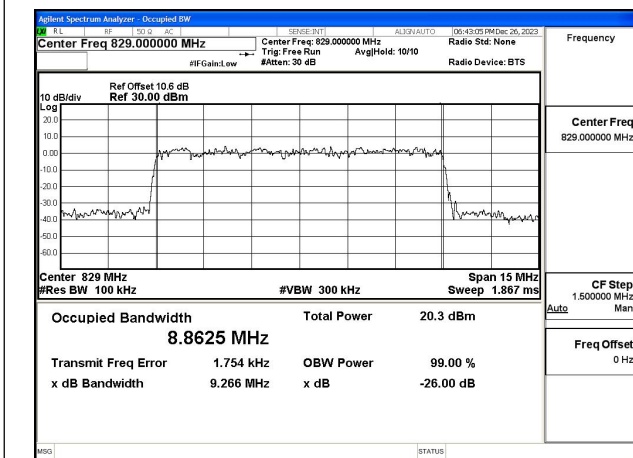


Fig.31

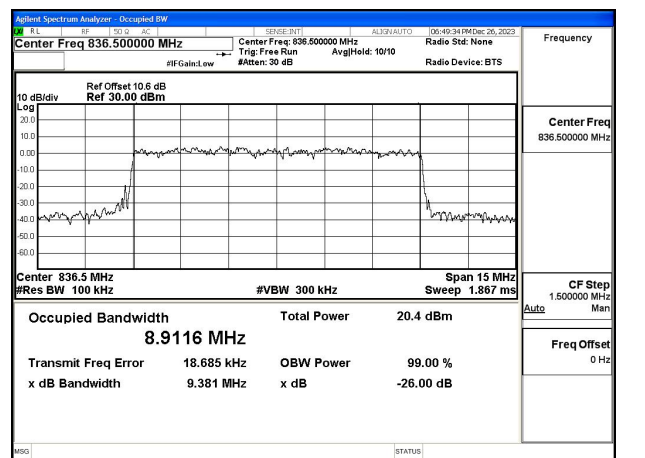


Fig.32

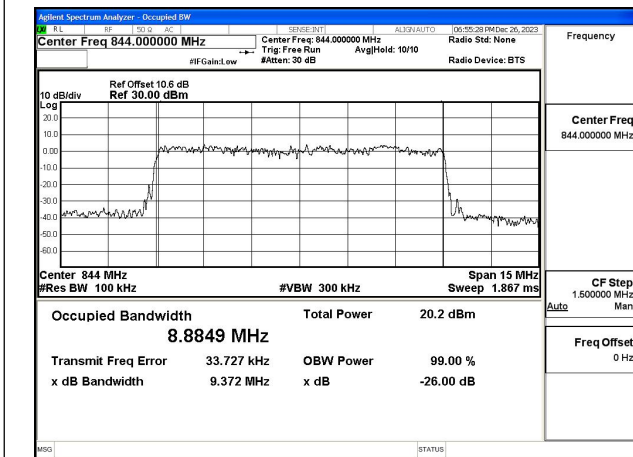


Fig.33

3 Emission Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
5	QPSK	824.7	20407	1.4	6	0	1.192	Fig.1
5	QPSK	836.5	20525	1.4	6	0	1.210	Fig.2
5	QPSK	848.3	20643	1.4	6	0	1.201	Fig.3
5	QPSK	825.5	20415	3	15	0	2.855	Fig.4
5	QPSK	836.5	20525	3	15	0	2.830	Fig.5
5	QPSK	847.5	20635	3	15	0	2.817	Fig.6
5	QPSK	836.5	20525	5	25	0	4.713	Fig.7
5	QPSK	846.5	20625	5	25	0	4.729	Fig.8
5	QPSK	829	20450	10	50	0	9.338	Fig.9
5	QPSK	836.5	20525	10	50	0	9.363	Fig.10
5	QPSK	844	20600	10	50	0	9.243	Fig.11

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
5	16QAM	824.7	20407	1.4	6	0	1.190	Fig.12
5	16QAM	836.5	20525	1.4	6	0	1.191	Fig.13
5	16QAM	848.3	20643	1.4	6	0	1.192	Fig.14
5	16QAM	825.5	20415	3	15	0	2.859	Fig.15
5	16QAM	836.5	20525	3	15	0	2.888	Fig.16
5	16QAM	847.5	20635	3	15	0	2.847	Fig.17
5	16QAM	836.5	20525	5	25	0	4.694	Fig.18
5	16QAM	846.5	20625	5	25	0	4.678	Fig.19
5	16QAM	829	20450	10	50	0	9.308	Fig.20
5	16QAM	836.5	20525	10	50	0	9.232	Fig.21
5	16QAM	844	20600	10	50	0	9.336	Fig.22

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
5	64QAM	824.7	20407	1.4	6	0	1.169	Fig.23
5	64QAM	836.5	20525	1.4	6	0	1.178	Fig.24
5	64QAM	848.3	20643	1.4	6	0	1.194	Fig.25
5	64QAM	825.5	20415	3	15	0	2.872	Fig.26
5	64QAM	836.5	20525	3	15	0	2.840	Fig.27
5	64QAM	847.5	20635	3	15	0	2.861	Fig.28
5	64QAM	836.5	20525	5	25	0	4.697	Fig.29
5	64QAM	846.5	20625	5	25	0	4.675	Fig.30
5	64QAM	829	20450	10	50	0	9.266	Fig.31
5	64QAM	836.5	20525	10	50	0	9.381	Fig.32
5	64QAM	844	20600	10	50	0	9.372	Fig.33

Test Mode: QPSK

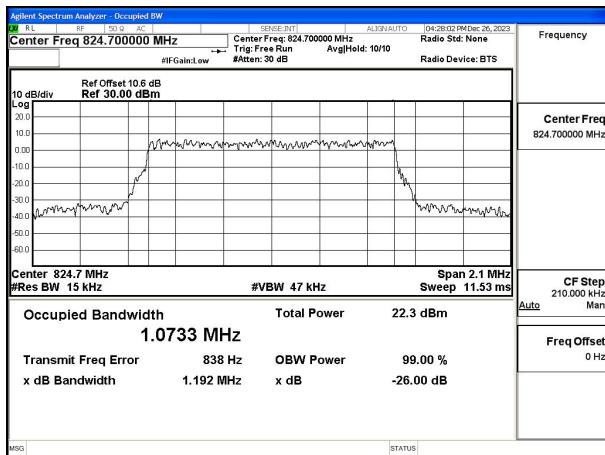


Fig.1

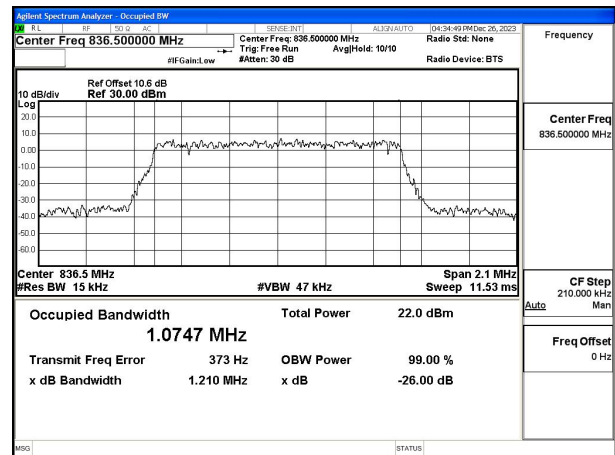


Fig.2

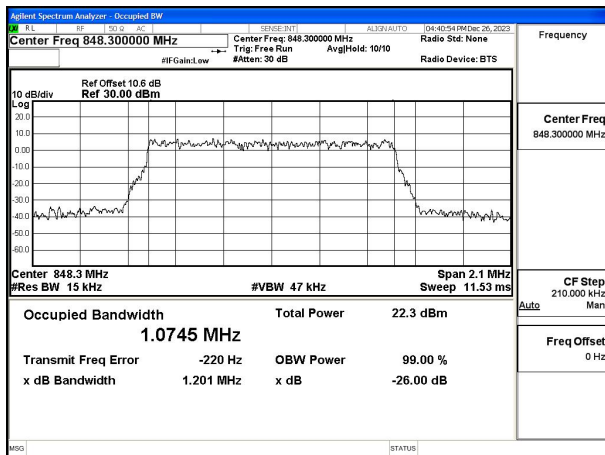


Fig.3

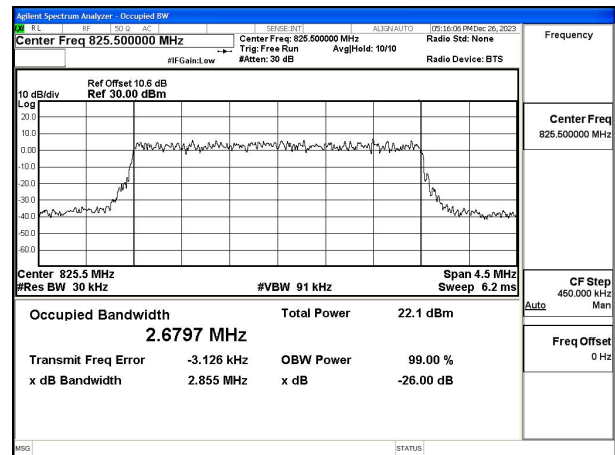


Fig.4

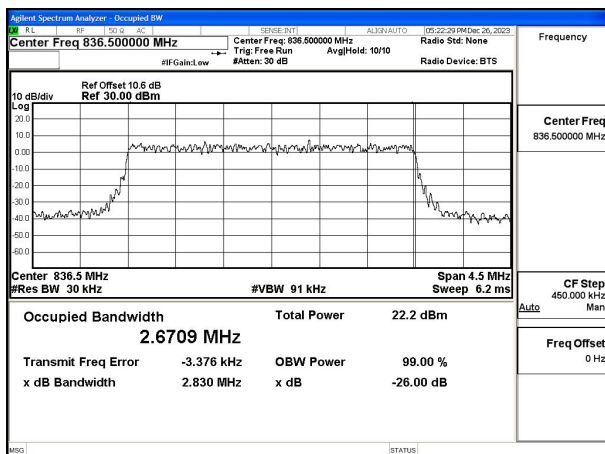


Fig.5

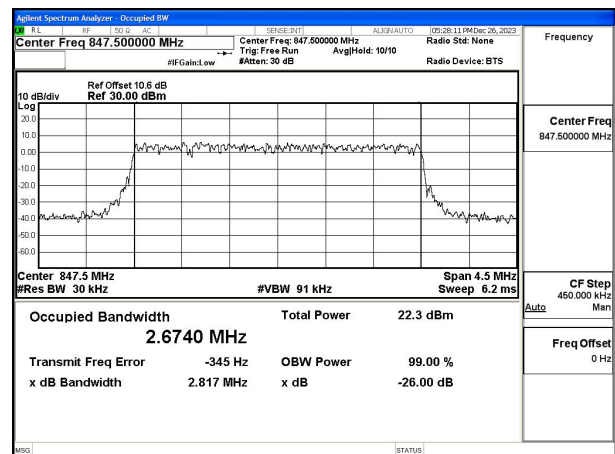


Fig.6

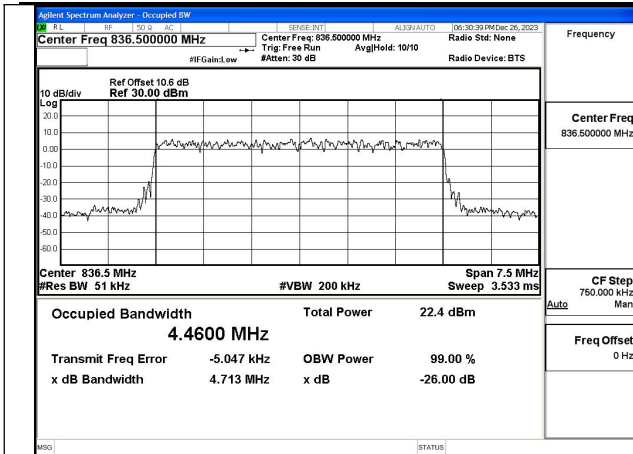


Fig.7

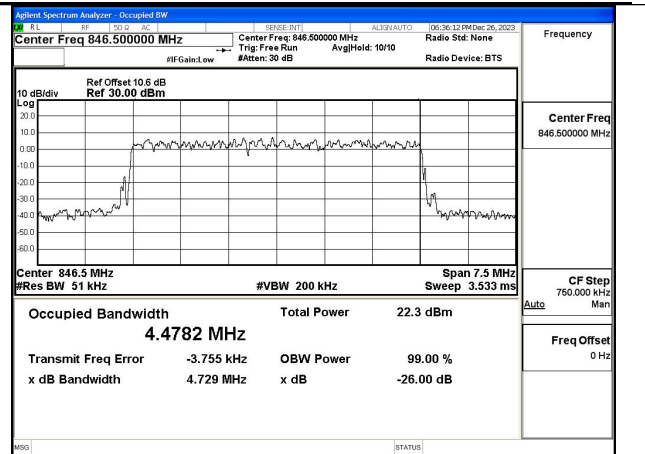


Fig.8

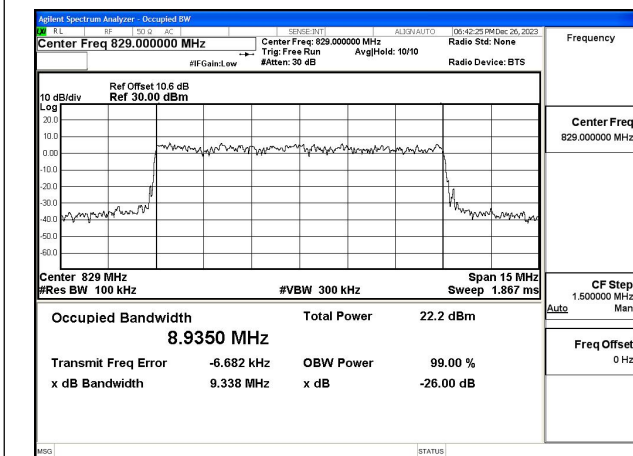


Fig.9

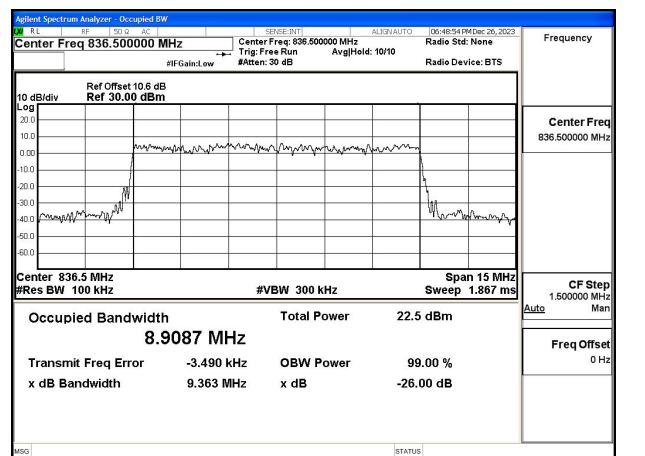


Fig.10

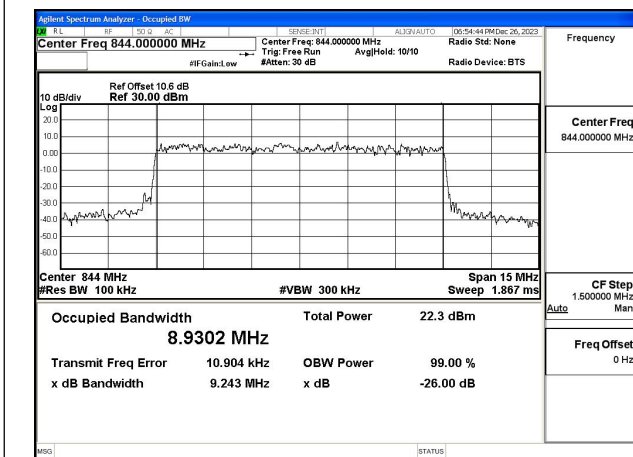


Fig.11

Test Mode: 16QAM

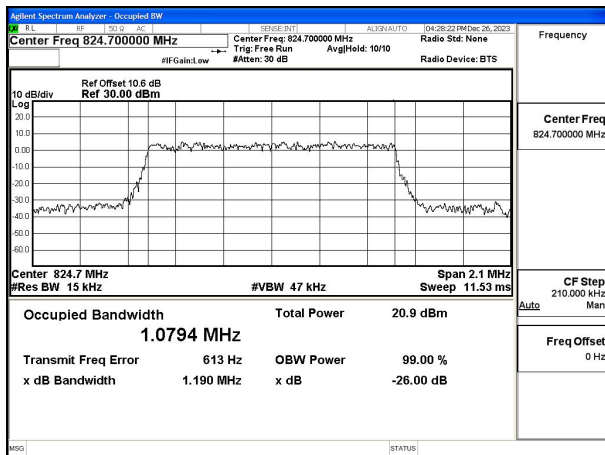


Fig.12

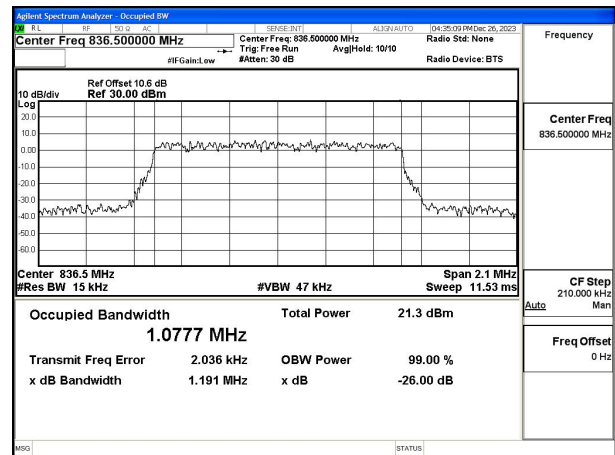


Fig.13

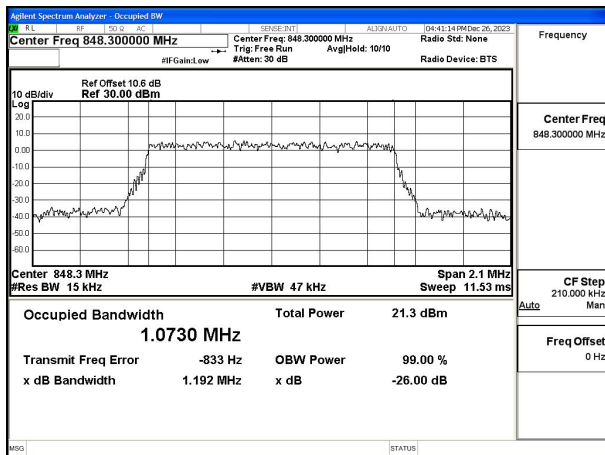


Fig.14

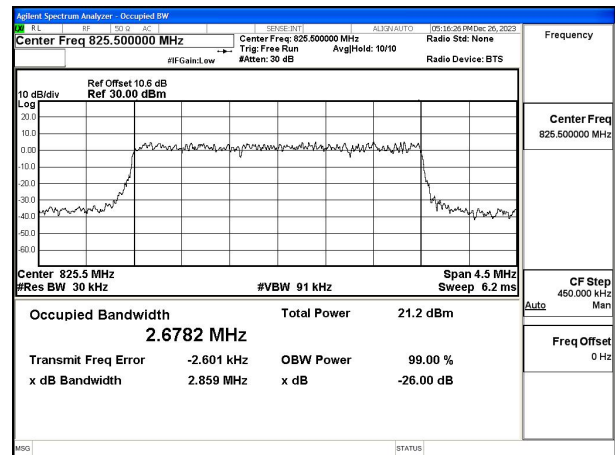


Fig.15

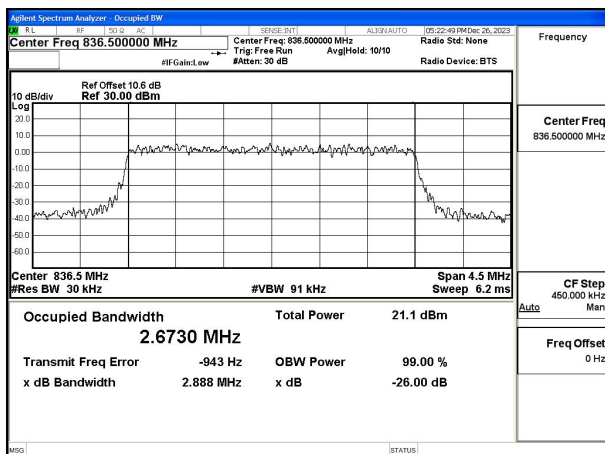


Fig.16

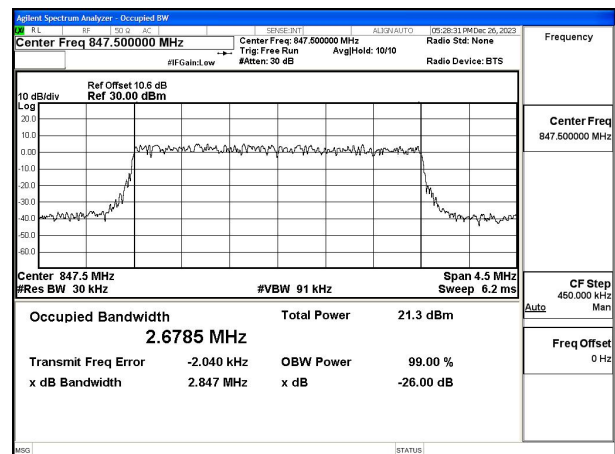


Fig.17

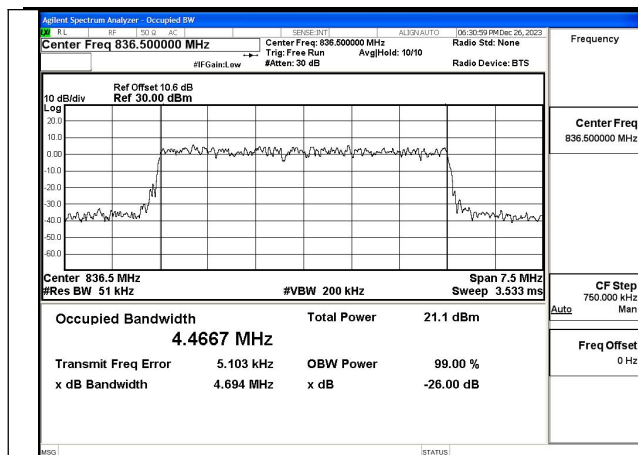


Fig.18

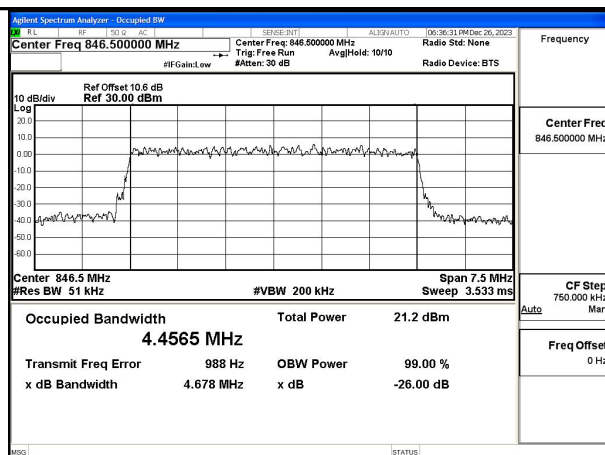


Fig.19

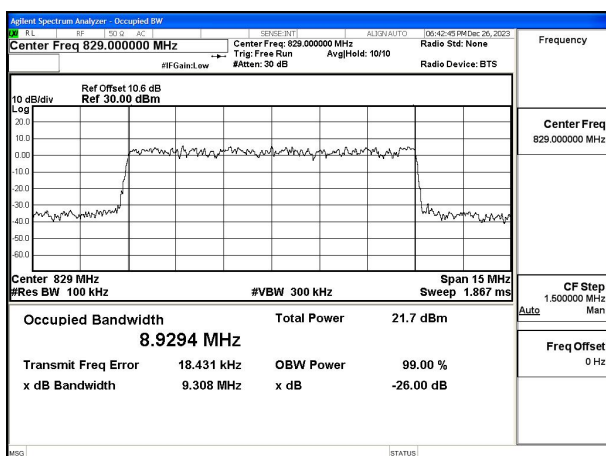


Fig.20

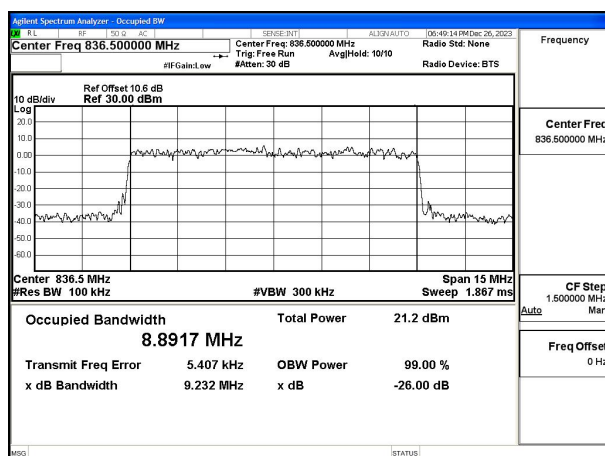


Fig.21

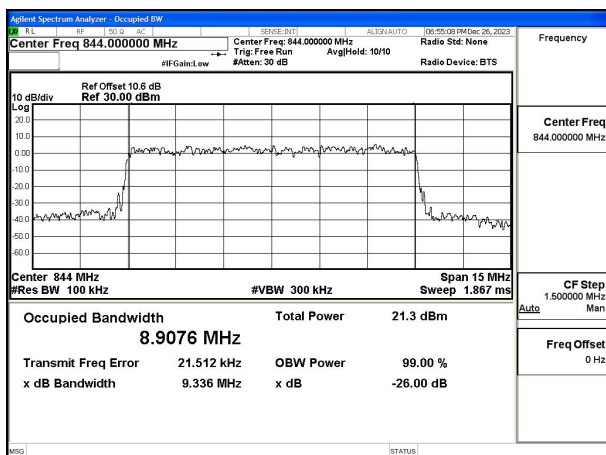


Fig.22

Test Mode: 64QAM

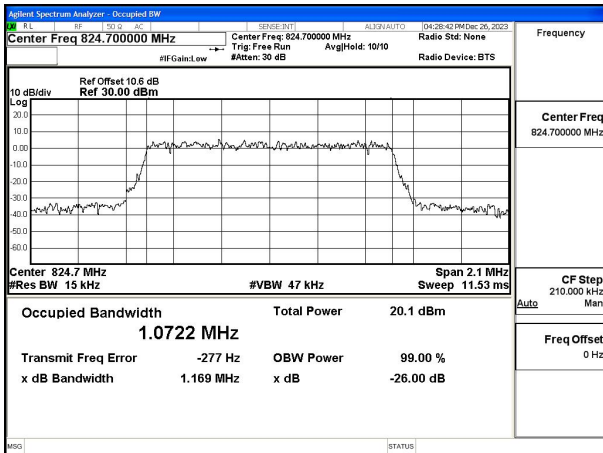


Fig.23

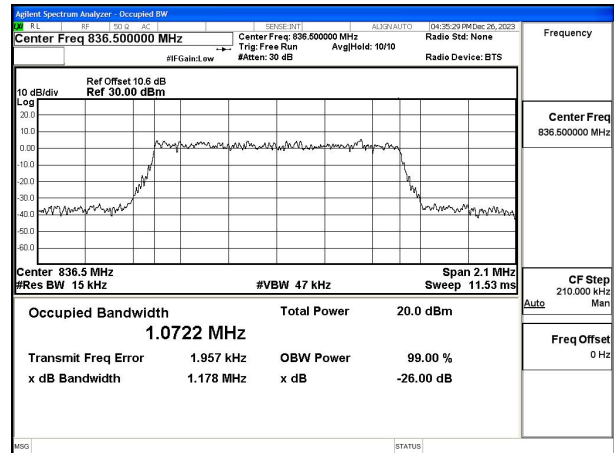


Fig.24

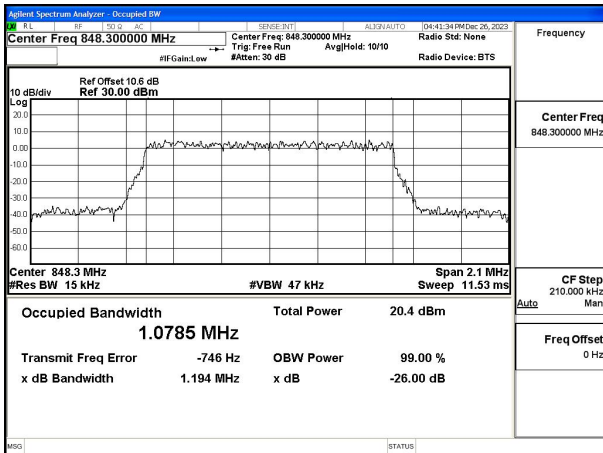


Fig.25

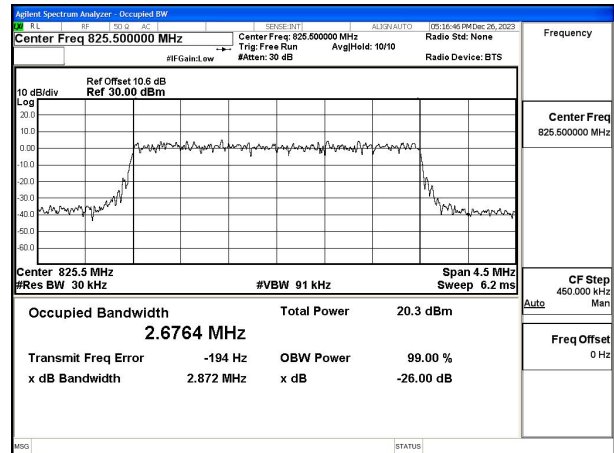


Fig.26

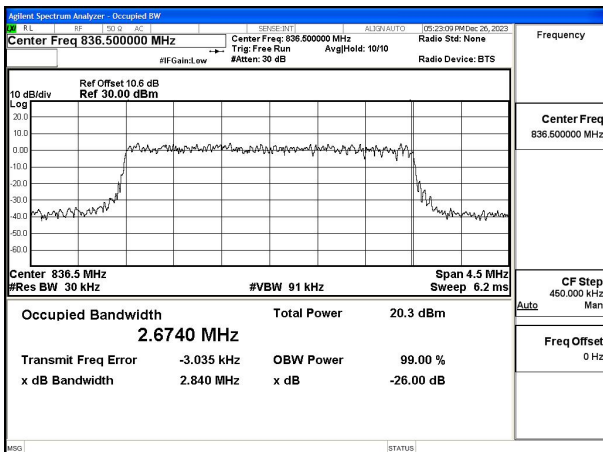


Fig.27

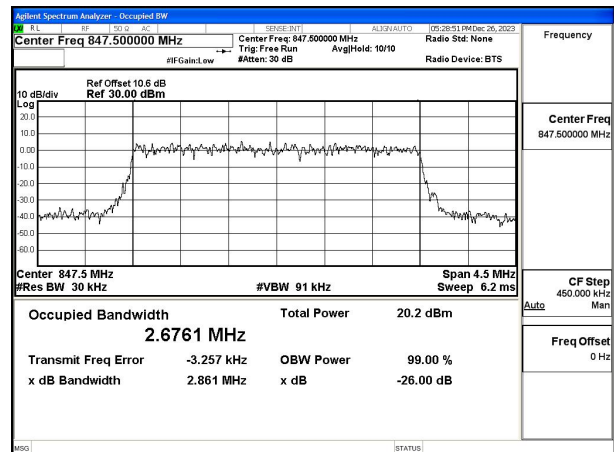


Fig.28

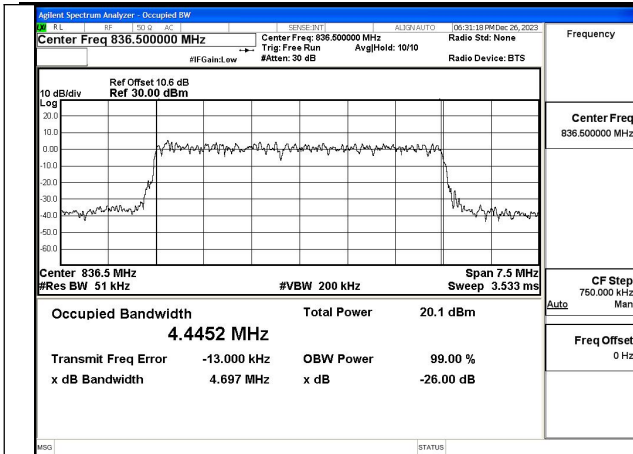


Fig.29

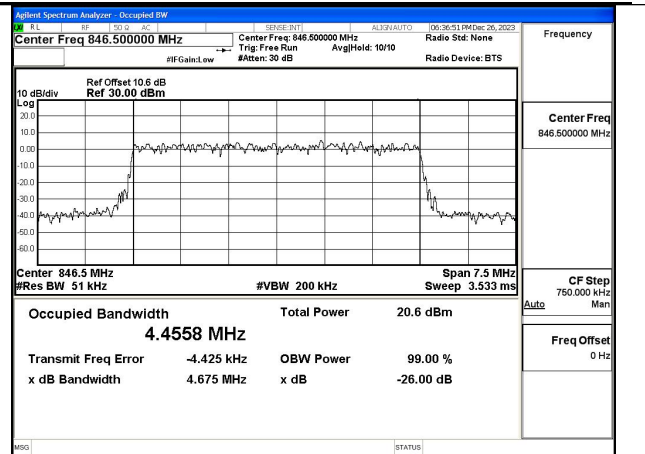


Fig.30

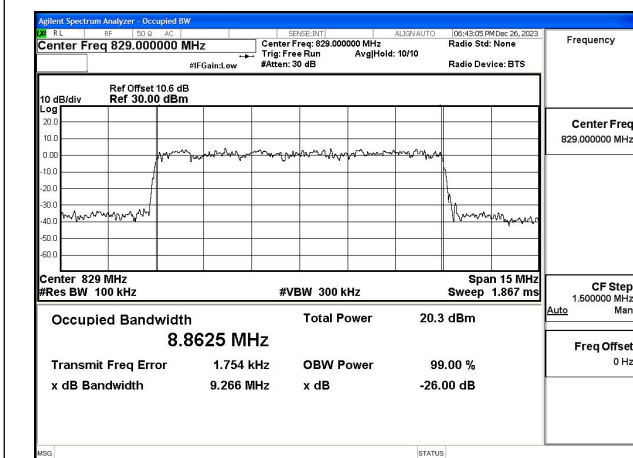


Fig.31

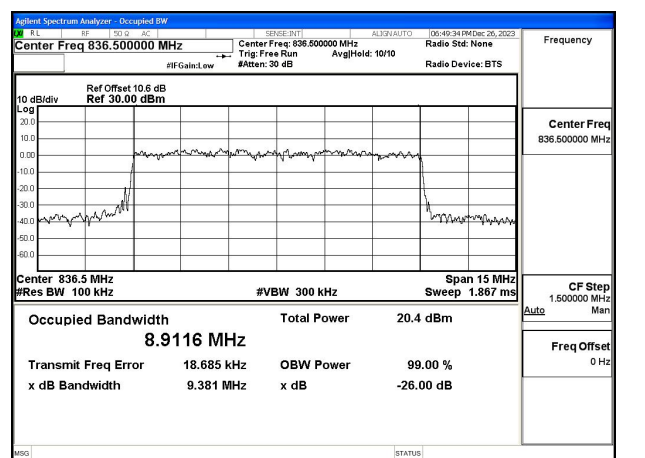


Fig.32

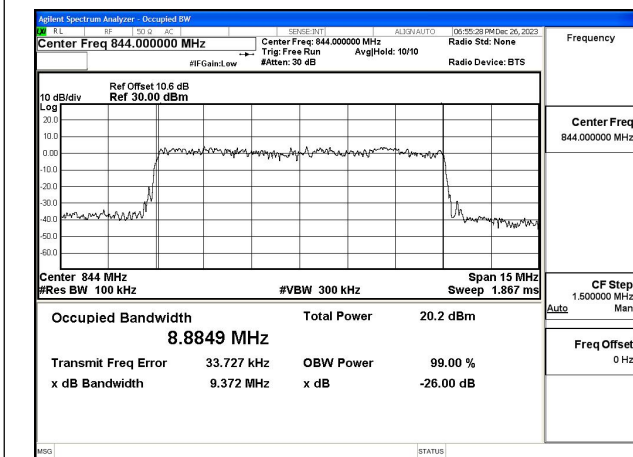


Fig.33

4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
5	824.7	20407	1.4	1	5	Fig.1	Fig.2	Fig.3
5	824.7	20407	1.4	6	0	Fig.4	Fig.5	Fig.6
5	836.5	20525	1.4	1	5	Fig.7	Fig.8	Fig.9
5	836.5	20525	1.4	6	0	Fig.10	Fig.11	Fig.12
5	848.3	20643	1.4	1	5	Fig.13	Fig.14	Fig.15
5	848.3	20643	1.4	6	0	Fig.16	Fig.17	Fig.18
5	825.5	20415	3	1	14	Fig.19	Fig.20	Fig.21
5	825.5	20415	3	15	0	Fig.22	Fig.23	Fig.24
5	836.5	20525	3	1	14	Fig.25	Fig.26	Fig.27
5	836.5	20525	3	15	0	Fig.28	Fig.29	Fig.30
5	847.5	20635	3	1	14	Fig.31	Fig.32	Fig.33
5	847.5	20635	3	15	0	Fig.34	Fig.35	Fig.36
5	836.5	20525	5	1	24	Fig.37	Fig.38	Fig.39
5	836.5	20525	5	25	0	Fig.40	Fig.41	Fig.42
5	846.5	20625	5	1	24	Fig.43	Fig.44	Fig.45
5	846.5	20625	5	25	0	Fig.46	Fig.47	Fig.48
5	829	20450	10	1	49	Fig.49	Fig.50	Fig.51
5	829	20450	10	50	0	Fig.52	Fig.53	Fig.54
5	836.5	20525	10	1	49	Fig.55	Fig.56	Fig.57
5	836.5	20525	10	50	0	Fig.58	Fig.59	Fig.60
5	844	20600	10	1	49	Fig.61	Fig.62	Fig.63
5	844	20600	10	50	0	Fig.64	Fig.65	Fig.66