



APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 48

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	3552.5	55265	5	1	0	23.20
QPSK	3552.5	55265	5	1	12	23.40
QPSK	3552.5	55265	5	1	24	23.35
QPSK	3552.5	55265	5	12	0	22.45
QPSK	3552.5	55265	5	12	7	22.43
QPSK	3552.5	55265	5	12	13	22.48
QPSK	3552.5	55265	5	25	0	22.44
QPSK	3625	55990	5	1	0	23.35
QPSK	3625	55990	5	1	12	23.55
QPSK	3625	55990	5	1	24	23.40
QPSK	3625	55990	5	12	0	22.28
QPSK	3625	55990	5	12	7	22.49
QPSK	3625	55990	5	12	13	22.46
QPSK	3625	55990	5	25	0	22.43
QPSK	3697.5	56715	5	1	0	23.29
QPSK	3697.5	56715	5	1	12	23.51
QPSK	3697.5	56715	5	1	24	23.50
QPSK	3697.5	56715	5	12	0	22.34
QPSK	3697.5	56715	5	12	7	22.36
QPSK	3697.5	56715	5	12	13	22.30
QPSK	3697.5	56715	5	25	0	22.29



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	3552.5	55265	5	1	0	22.80
16QAM	3552.5	55265	5	1	12	23.14
16QAM	3552.5	55265	5	1	24	22.99
16QAM	3552.5	55265	5	12	0	21.47
16QAM	3552.5	55265	5	12	7	21.55
16QAM	3552.5	55265	5	12	13	21.50
16QAM	3552.5	55265	5	25	0	21.44
16QAM	3625	55990	5	1	0	22.77
16QAM	3625	55990	5	1	12	22.67
16QAM	3625	55990	5	1	24	22.71
16QAM	3625	55990	5	12	0	21.36
16QAM	3625	55990	5	12	7	21.55
16QAM	3625	55990	5	12	13	21.50
16QAM	3625	55990	5	25	0	21.47
16QAM	3697.5	56715	5	1	0	22.58
16QAM	3697.5	56715	5	1	12	22.69
16QAM	3697.5	56715	5	1	24	22.85
16QAM	3697.5	56715	5	12	0	21.39
16QAM	3697.5	56715	5	12	7	21.28
16QAM	3697.5	56715	5	12	13	21.48
16QAM	3697.5	56715	5	25	0	21.40
64QAM	3552.5	55265	5	1	0	22.61
64QAM	3552.5	55265	5	1	12	22.32
64QAM	3552.5	55265	5	1	24	22.72
64QAM	3552.5	55265	5	12	0	21.36
64QAM	3552.5	55265	5	12	7	21.62
64QAM	3552.5	55265	5	12	13	21.44
64QAM	3552.5	55265	5	25	0	21.36
64QAM	3625	55990	5	1	0	22.66
64QAM	3625	55990	5	1	12	22.81
64QAM	3625	55990	5	1	24	22.57
64QAM	3625	55990	5	12	0	21.45
64QAM	3625	55990	5	12	7	21.54
64QAM	3625	55990	5	12	13	21.46
64QAM	3625	55990	5	25	0	21.52
64QAM	3697.5	56715	5	1	0	22.83
64QAM	3697.5	56715	5	1	12	22.67
64QAM	3697.5	56715	5	1	24	22.57
64QAM	3697.5	56715	5	12	0	21.38
64QAM	3697.5	56715	5	12	7	21.36
64QAM	3697.5	56715	5	12	13	21.28
64QAM	3697.5	56715	5	25	0	21.38



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	3555	55290	10	1	0	23.14
QPSK	3555	55290	10	1	25	23.50
QPSK	3555	55290	10	1	49	23.38
QPSK	3555	55290	10	25	0	22.47
QPSK	3555	55290	10	25	12	22.47
QPSK	3555	55290	10	25	25	22.50
QPSK	3555	55290	10	50	0	22.47
QPSK	3625	55990	10	1	0	23.26
QPSK	3625	55990	10	1	25	23.39
QPSK	3625	55990	10	1	49	23.46
QPSK	3625	55990	10	25	0	21.99
QPSK	3625	55990	10	25	12	22.39
QPSK	3625	55990	10	25	25	22.51
QPSK	3625	55990	10	50	0	22.49
QPSK	3695	56690	10	1	0	23.42
QPSK	3695	56690	10	1	25	23.39
QPSK	3695	56690	10	1	49	23.43
QPSK	3695	56690	10	25	0	22.30
QPSK	3695	56690	10	25	12	22.26
QPSK	3695	56690	10	25	25	22.38
QPSK	3695	56690	10	50	0	22.27



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	3555	55290	10	1	0	22.96
16QAM	3555	55290	10	1	25	22.84
16QAM	3555	55290	10	1	49	23.13
16QAM	3555	55290	10	25	0	21.48
16QAM	3555	55290	10	25	12	21.45
16QAM	3555	55290	10	25	25	21.55
16QAM	3555	55290	10	50	0	21.50
16QAM	3625	55990	10	1	0	22.63
16QAM	3625	55990	10	1	25	22.75
16QAM	3625	55990	10	1	49	23.03
16QAM	3625	55990	10	25	0	21.28
16QAM	3625	55990	10	25	12	21.36
16QAM	3625	55990	10	25	25	21.37
16QAM	3625	55990	10	50	0	21.40
16QAM	3695	56690	10	1	0	23.03
16QAM	3695	56690	10	1	25	22.48
16QAM	3695	56690	10	1	49	22.70
16QAM	3695	56690	10	25	0	21.28
16QAM	3695	56690	10	25	12	21.36
16QAM	3695	56690	10	25	25	21.34
16QAM	3695	56690	10	50	0	21.27
64QAM	3555	55290	10	1	0	22.60
64QAM	3555	55290	10	1	25	22.59
64QAM	3555	55290	10	1	49	22.55
64QAM	3555	55290	10	25	0	21.53
64QAM	3555	55290	10	25	12	21.59
64QAM	3555	55290	10	25	25	21.57
64QAM	3555	55290	10	50	0	21.40
64QAM	3625	55990	10	1	0	22.49
64QAM	3625	55990	10	1	25	22.58
64QAM	3625	55990	10	1	49	22.52
64QAM	3625	55990	10	25	0	21.28
64QAM	3625	55990	10	25	12	21.41
64QAM	3625	55990	10	25	25	21.56
64QAM	3625	55990	10	50	0	21.39
64QAM	3695	56690	10	1	0	22.80
64QAM	3695	56690	10	1	25	22.77
64QAM	3695	56690	10	1	49	22.43
64QAM	3695	56690	10	25	0	21.31
64QAM	3695	56690	10	25	12	21.42
64QAM	3695	56690	10	25	25	21.31
64QAM	3695	56690	10	50	0	21.31



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	3557.5	55315	15	1	0	23.62
QPSK	3557.5	55315	15	1	37	23.70
QPSK	3557.5	55315	15	1	74	23.76
QPSK	3557.5	55315	15	36	0	22.30
QPSK	3557.5	55315	15	36	29	22.44
QPSK	3557.5	55315	15	36	30	22.45
QPSK	3557.5	55315	15	75	0	22.36
QPSK	3625	55990	15	1	0	23.57
QPSK	3625	55990	15	1	37	23.64
QPSK	3625	55990	15	1	74	23.66
QPSK	3625	55990	15	36	0	22.21
QPSK	3625	55990	15	36	29	22.43
QPSK	3625	55990	15	36	30	22.34
QPSK	3625	55990	15	75	0	22.37
QPSK	3692.5	56665	15	1	0	23.21
QPSK	3692.5	56665	15	1	37	23.36
QPSK	3692.5	56665	15	1	74	23.59
QPSK	3692.5	56665	15	36	0	22.24
QPSK	3692.5	56665	15	36	29	22.32
QPSK	3692.5	56665	15	36	30	22.31
QPSK	3692.5	56665	15	75	0	22.16



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	3557.5	55315	15	1	0	22.66
16QAM	3557.5	55315	15	1	37	22.95
16QAM	3557.5	55315	15	1	74	22.43
16QAM	3557.5	55315	15	36	0	21.35
16QAM	3557.5	55315	15	36	29	21.43
16QAM	3557.5	55315	15	36	30	21.44
16QAM	3557.5	55315	15	75	0	21.38
16QAM	3625	55990	15	1	0	22.22
16QAM	3625	55990	15	1	37	22.69
16QAM	3625	55990	15	1	74	22.51
16QAM	3625	55990	15	36	0	21.24
16QAM	3625	55990	15	36	29	21.46
16QAM	3625	55990	15	36	30	21.37
16QAM	3625	55990	15	75	0	21.41
16QAM	3692.5	56665	15	1	0	22.95
16QAM	3692.5	56665	15	1	37	22.51
16QAM	3692.5	56665	15	1	74	22.71
16QAM	3692.5	56665	15	36	0	21.22
16QAM	3692.5	56665	15	36	29	21.31
16QAM	3692.5	56665	15	36	30	21.33
16QAM	3692.5	56665	15	75	0	21.21
64QAM	3557.5	55315	15	1	0	22.44
64QAM	3557.5	55315	15	1	37	22.50
64QAM	3557.5	55315	15	1	74	22.26
64QAM	3557.5	55315	15	36	0	21.22
64QAM	3557.5	55315	15	36	29	21.50
64QAM	3557.5	55315	15	36	30	21.50
64QAM	3557.5	55315	15	75	0	21.43
64QAM	3625	55990	15	1	0	22.52
64QAM	3625	55990	15	1	37	22.22
64QAM	3625	55990	15	1	74	22.46
64QAM	3625	55990	15	36	0	21.18
64QAM	3625	55990	15	36	29	21.39
64QAM	3625	55990	15	36	30	21.37
64QAM	3625	55990	15	75	0	21.29
64QAM	3692.5	56665	15	1	0	22.54
64QAM	3692.5	56665	15	1	37	22.11
64QAM	3692.5	56665	15	1	74	22.30
64QAM	3692.5	56665	15	36	0	21.18
64QAM	3692.5	56665	15	36	29	21.21
64QAM	3692.5	56665	15	36	30	21.20
64QAM	3692.5	56665	15	75	0	21.19



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	3560	55340	20	1	0	23.60
QPSK	3560	55340	20	1	49	23.73
QPSK	3560	55340	20	1	99	23.80
QPSK	3560	55340	20	50	0	22.33
QPSK	3560	55340	20	50	24	22.42
QPSK	3560	55340	20	50	50	22.49
QPSK	3560	55340	20	100	0	22.43
QPSK	3625	55990	20	1	0	23.55
QPSK	3625	55990	20	1	49	23.45
QPSK	3625	55990	20	1	99	23.69
QPSK	3625	55990	20	50	0	22.22
QPSK	3625	55990	20	50	24	22.30
QPSK	3625	55990	20	50	50	22.35
QPSK	3625	55990	20	100	0	22.40
QPSK	3690	56640	20	1	0	23.88
QPSK	3690	56640	20	1	49	23.63
QPSK	3690	56640	20	1	99	23.54
QPSK	3690	56640	20	50	0	22.21
QPSK	3690	56640	20	50	24	22.24
QPSK	3690	56640	20	50	50	22.34
QPSK	3690	56640	20	100	0	22.15



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	3560	55340	20	1	0	22.64
16QAM	3560	55340	20	1	49	22.45
16QAM	3560	55340	20	1	99	22.82
16QAM	3560	55340	20	50	0	21.38
16QAM	3560	55340	20	50	24	21.45
16QAM	3560	55340	20	50	50	21.50
16QAM	3560	55340	20	100	0	21.50
16QAM	3625	55990	20	1	0	22.87
16QAM	3625	55990	20	1	49	22.31
16QAM	3625	55990	20	1	99	22.55
16QAM	3625	55990	20	50	0	21.16
16QAM	3625	55990	20	50	24	21.32
16QAM	3625	55990	20	50	50	21.44
16QAM	3625	55990	20	100	0	21.41
16QAM	3690	56640	20	1	0	22.42
16QAM	3690	56640	20	1	49	22.54
16QAM	3690	56640	20	1	99	22.29
16QAM	3690	56640	20	50	0	21.37
16QAM	3690	56640	20	50	24	21.32
16QAM	3690	56640	20	50	50	21.41
16QAM	3690	56640	20	100	0	21.23
64QAM	3560	55340	20	1	0	22.32
64QAM	3560	55340	20	1	49	22.46
64QAM	3560	55340	20	1	99	22.88
64QAM	3560	55340	20	50	0	21.38
64QAM	3560	55340	20	50	24	21.52
64QAM	3560	55340	20	50	50	21.57
64QAM	3560	55340	20	100	0	21.39
64QAM	3625	55990	20	1	0	22.24
64QAM	3625	55990	20	1	49	22.26
64QAM	3625	55990	20	1	99	22.57
64QAM	3625	55990	20	50	0	21.25
64QAM	3625	55990	20	50	24	21.20
64QAM	3625	55990	20	50	50	21.50
64QAM	3625	55990	20	100	0	21.41
64QAM	3690	56640	20	1	0	22.41
64QAM	3690	56640	20	1	49	22.51
64QAM	3690	56640	20	1	99	22.22
64QAM	3690	56640	20	50	0	21.33
64QAM	3690	56640	20	50	24	21.25
64QAM	3690	56640	20	50	50	21.29
64QAM	3690	56640	20	100	0	21.24



2 Occupied Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
48	QPSK	3552.5	55265	5	25	0	4.436	Fig.1
48	QPSK	3625	55990	5	25	0	4.456	Fig.2
48	QPSK	3697.5	56715	5	25	0	4.446	Fig.3
48	QPSK	3555	55290	10	50	0	7.595	Fig.4
48	QPSK	3625	55990	10	50	0	8.899	Fig.5
48	QPSK	3695	56690	10	50	0	8.832	Fig.6
48	QPSK	3557.5	55315	15	75	0	13.435	Fig.7
48	QPSK	3625	55990	15	75	0	13.407	Fig.8
48	QPSK	3692.5	56665	15	75	0	13.332	Fig.9
48	QPSK	3560	55340	20	100	0	17.862	Fig.10
48	QPSK	3625	55990	20	100	0	17.831	Fig.11
48	QPSK	3690	56640	20	100	0	17.751	Fig.12



Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
48	16QAM	3552.5	55265	5	25	0	4.444	Fig.13
48	16QAM	3625	55990	5	25	0	4.453	Fig.14
48	16QAM	3697.5	56715	5	25	0	4.450	Fig.15
48	16QAM	3555	55290	10	50	0	8.910	Fig.16
48	16QAM	3625	55990	10	50	0	8.921	Fig.17
48	16QAM	3695	56690	10	50	0	8.870	Fig.18
48	16QAM	3557.5	55315	15	75	0	13.335	Fig.19
48	16QAM	3625	55990	15	75	0	13.387	Fig.20
48	16QAM	3692.5	56665	15	75	0	13.353	Fig.21
48	16QAM	3560	55340	20	100	0	17.724	Fig.22
48	16QAM	3625	55990	20	100	0	17.761	Fig.23
48	16QAM	3690	56640	20	100	0	17.797	Fig.24



Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
48	64QAM	3552.5	55265	5	25	0	4.465	Fig.25
48	64QAM	3625	55990	5	25	0	4.472	Fig.26
48	64QAM	3697.5	56715	5	25	0	4.485	Fig.27
48	64QAM	3555	55290	10	50	0	8.899	Fig.28
48	64QAM	3625	55990	10	50	0	8.926	Fig.29
48	64QAM	3695	56690	10	50	0	8.887	Fig.30
48	64QAM	3557.5	55315	15	75	0	13.338	Fig.31
48	64QAM	3625	55990	15	75	0	13.366	Fig.32
48	64QAM	3692.5	56665	15	75	0	13.320	Fig.33
48	64QAM	3560	55340	20	100	0	17.946	Fig.34
48	64QAM	3625	55990	20	100	0	17.767	Fig.35
48	64QAM	3690	56640	20	100	0	17.806	Fig.36



Test Mode: QPSK

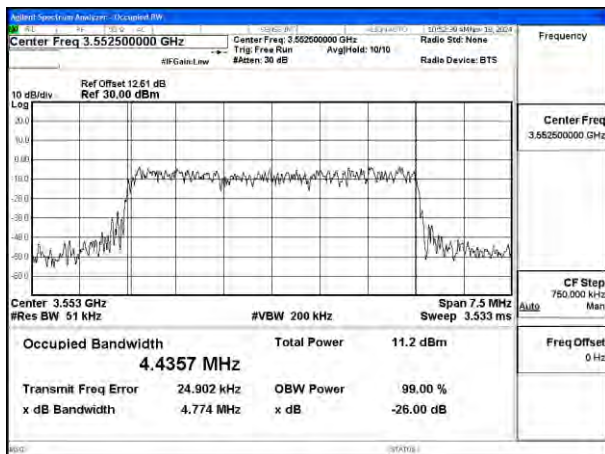


Fig.1

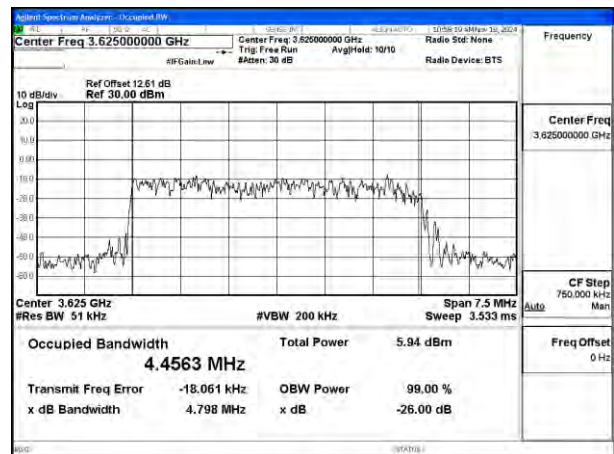


Fig.2

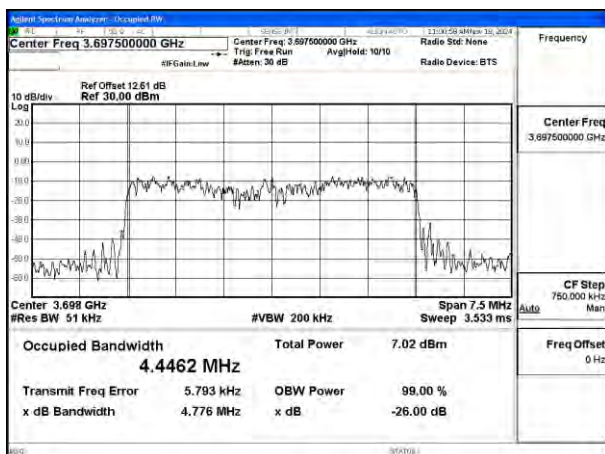


Fig.3

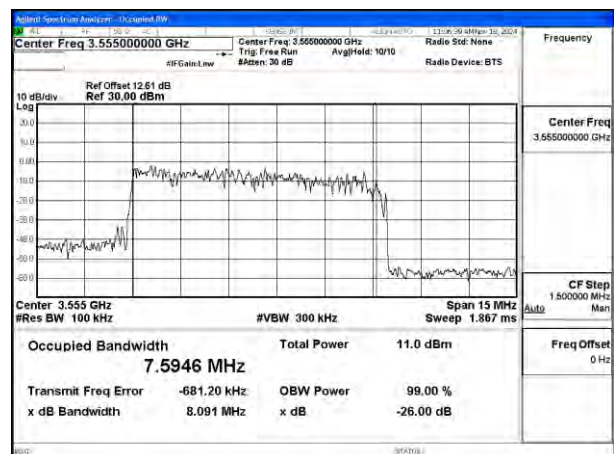


Fig.4

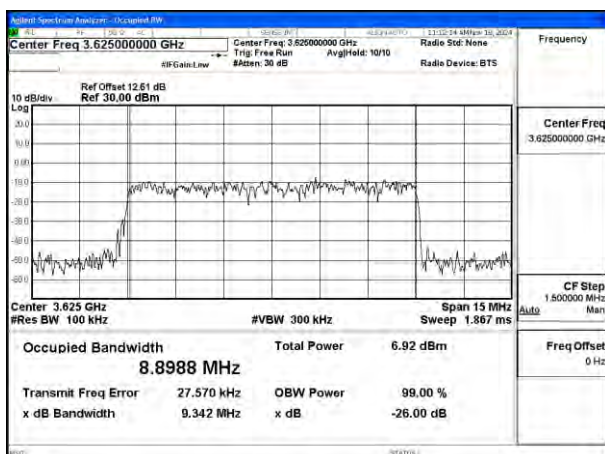


Fig.5

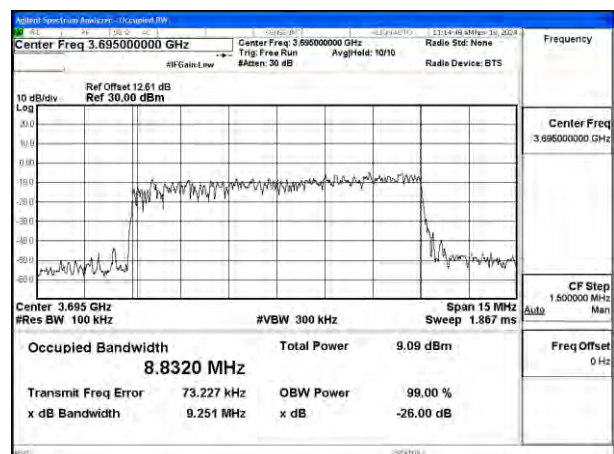


Fig.6



BUREAU
VERITAS

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FCC ID: 2AANY-IR624

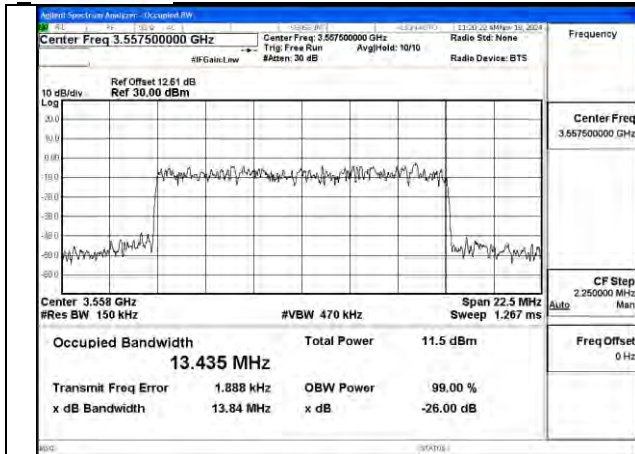


Fig.7

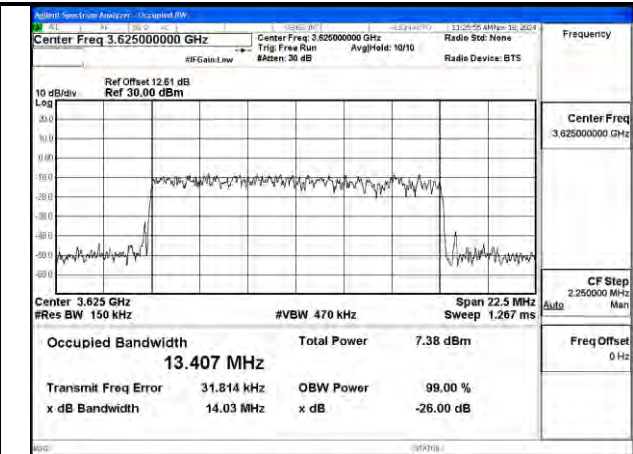


Fig.8

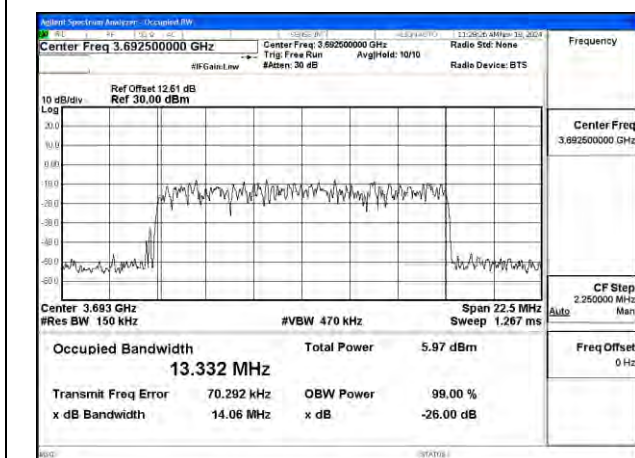


Fig.9

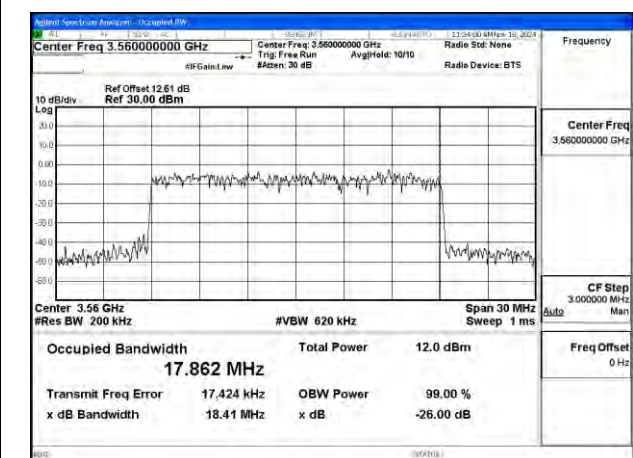


Fig.10

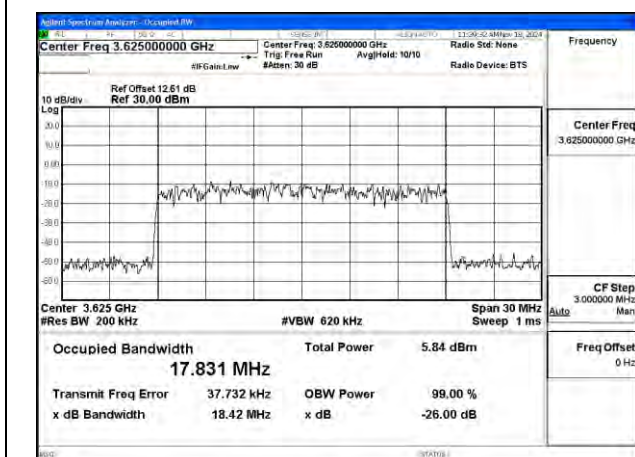


Fig.11

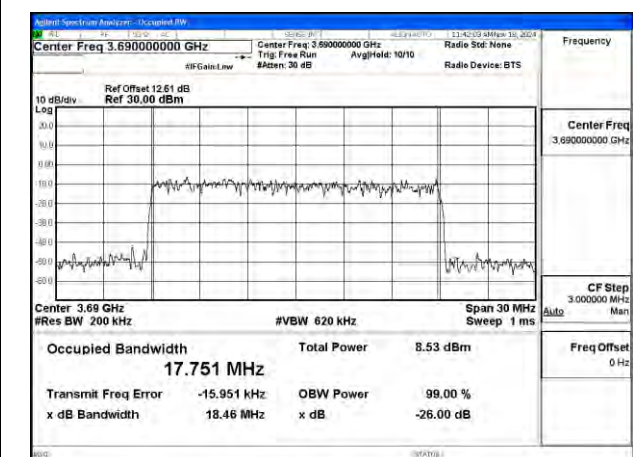


Fig.12



Test Mode: 16QAM

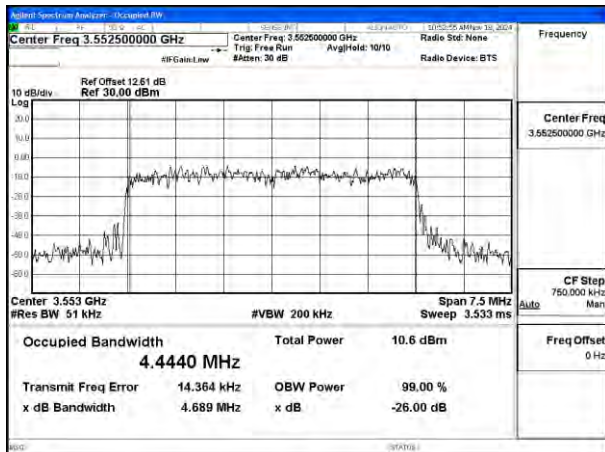


Fig.13

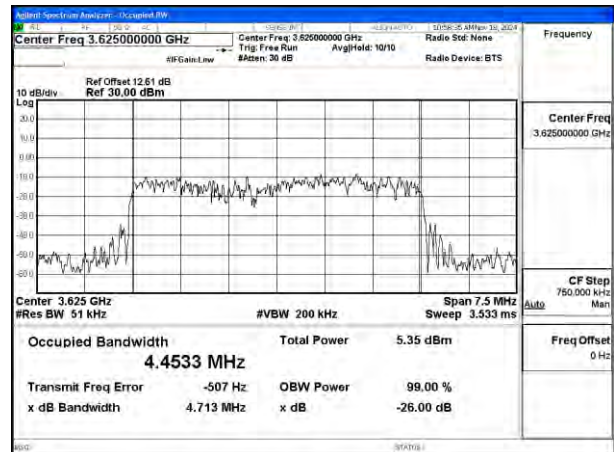


Fig.14

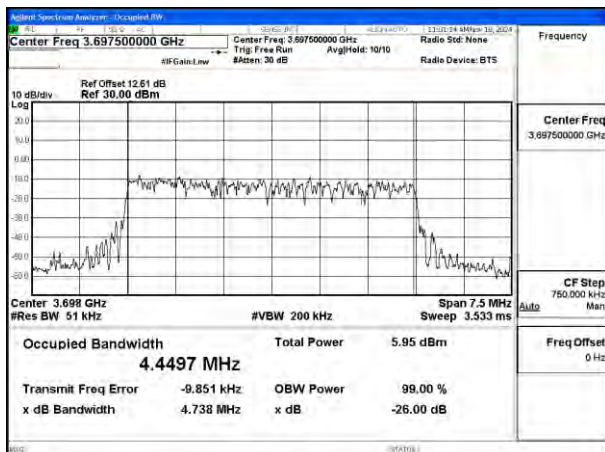


Fig.15

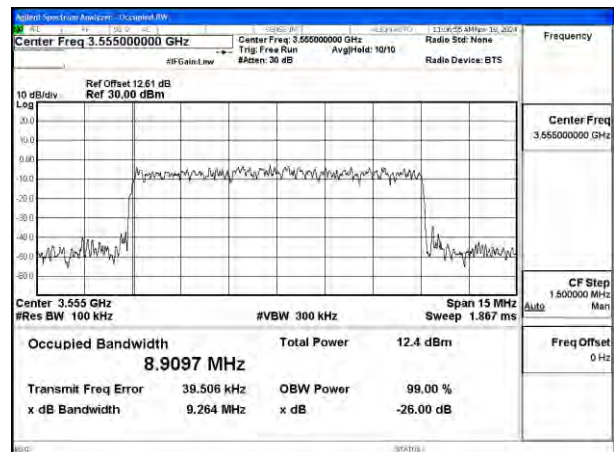


Fig.16

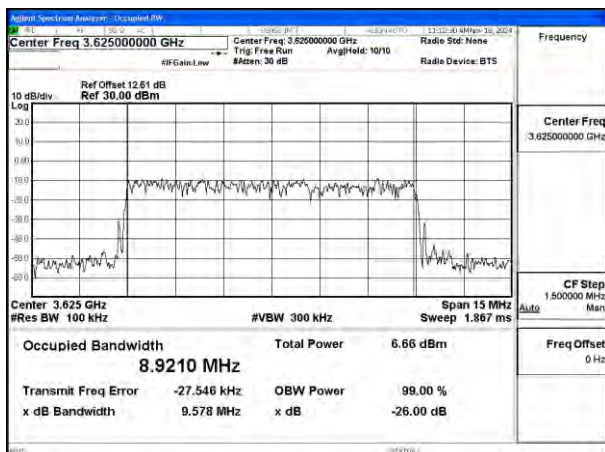


Fig.17

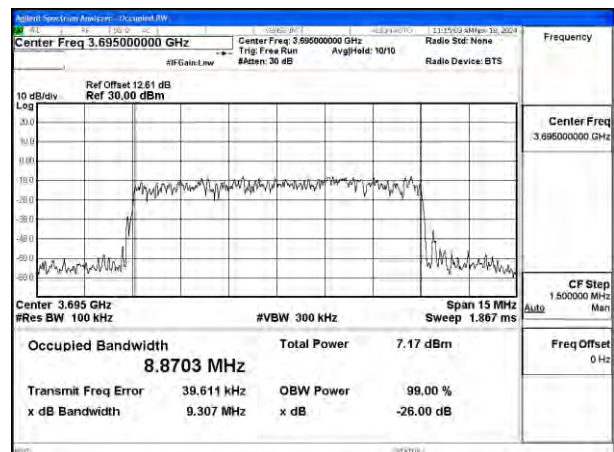


Fig.18



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No.: PBJ-NQN2412130113RF01
FCC ID: 2AANY-IR624

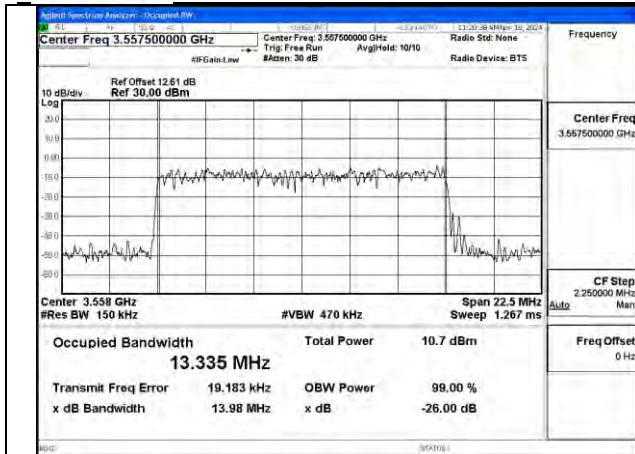


Fig.19

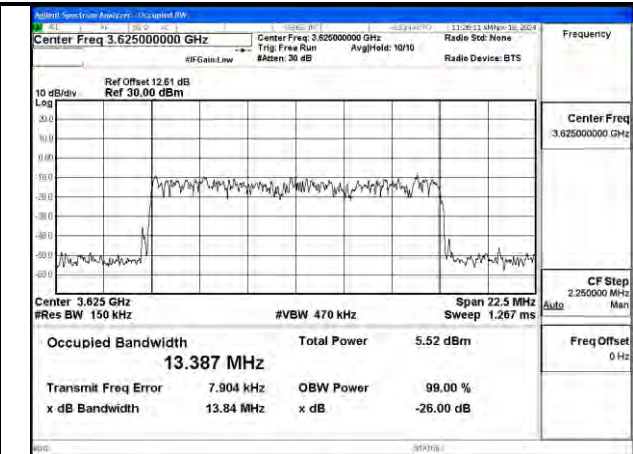


Fig.20

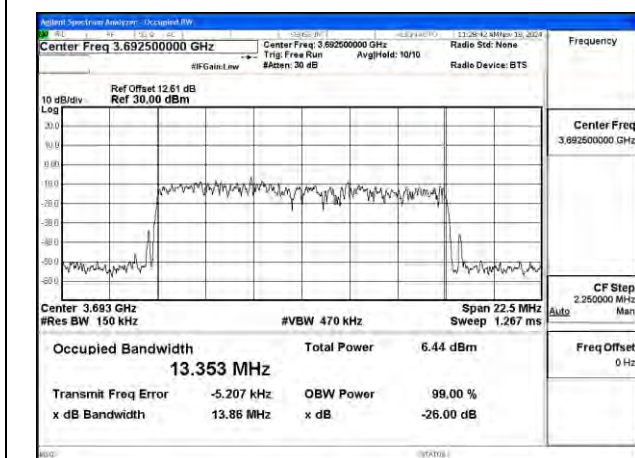


Fig.21

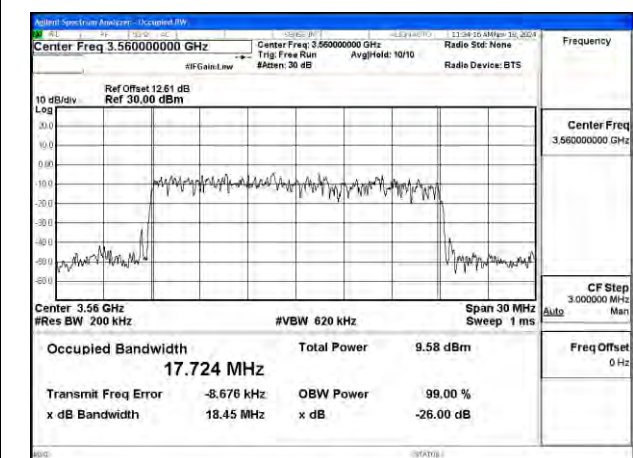


Fig.22

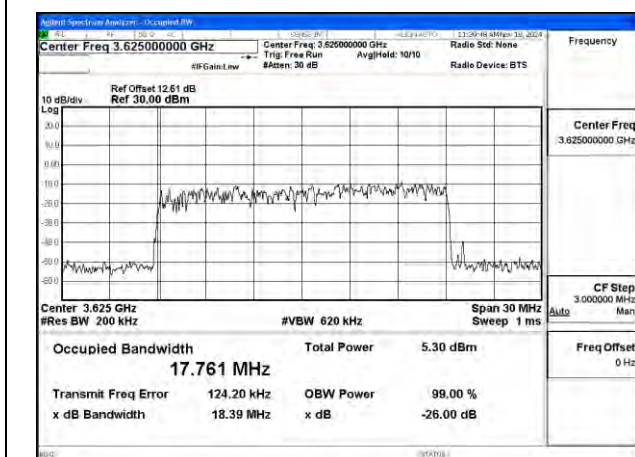


Fig.23

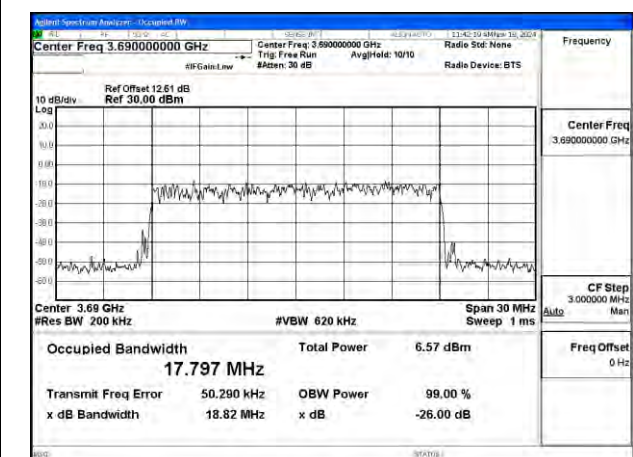


Fig.24



Test Mode: 64QAM

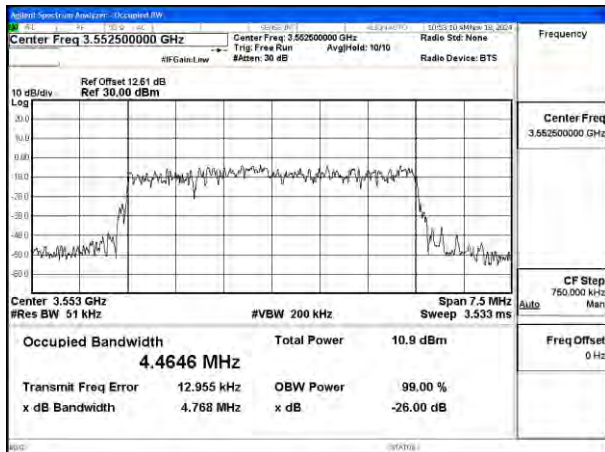


Fig.25

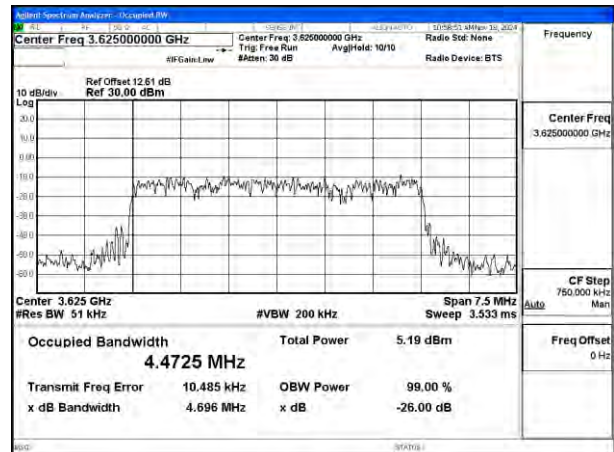


Fig.26

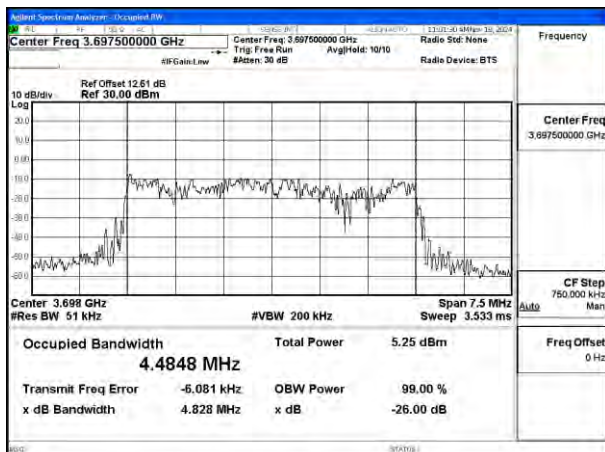


Fig.27

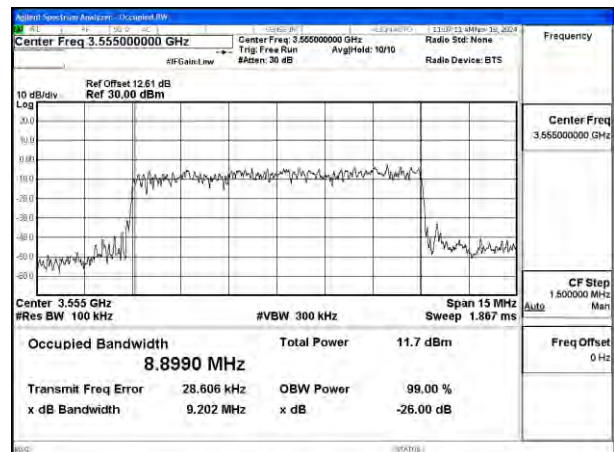


Fig.28

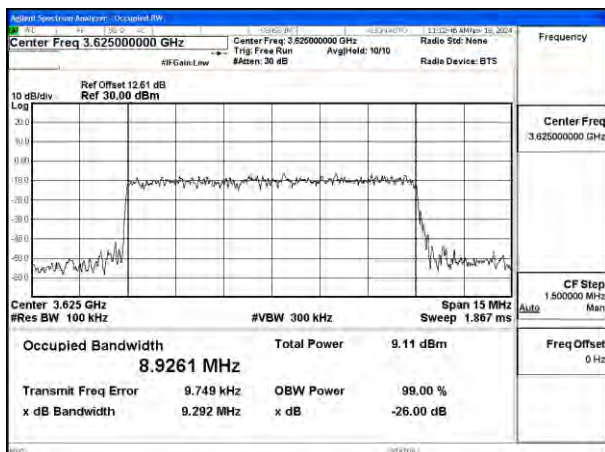


Fig.29

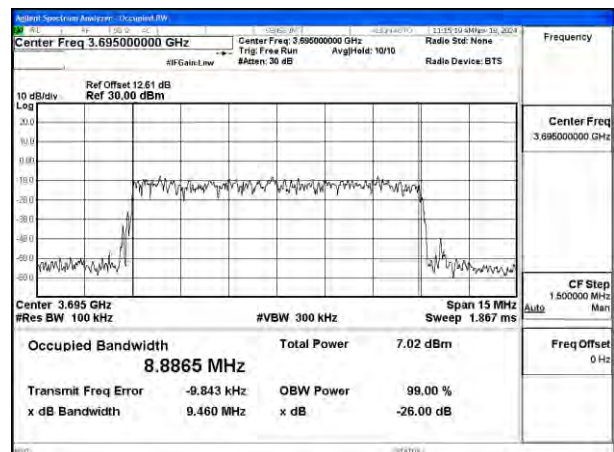


Fig.30



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No.: PBJ-NQN2412130113RF01
FCC ID: 2AANY-IR624

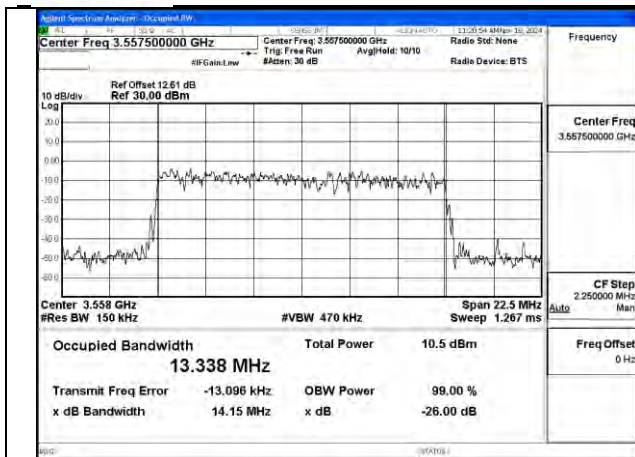


Fig.31

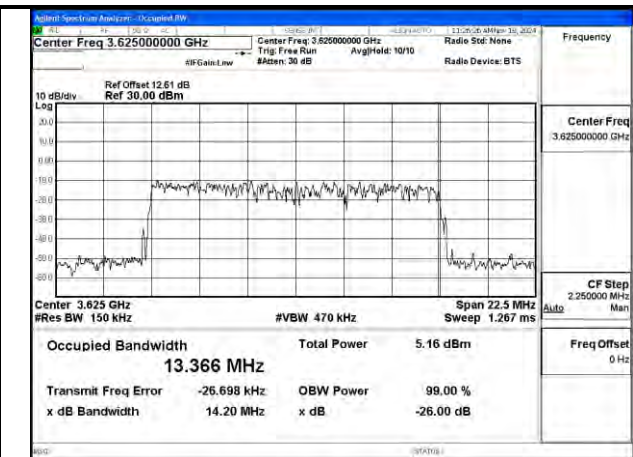


Fig.32

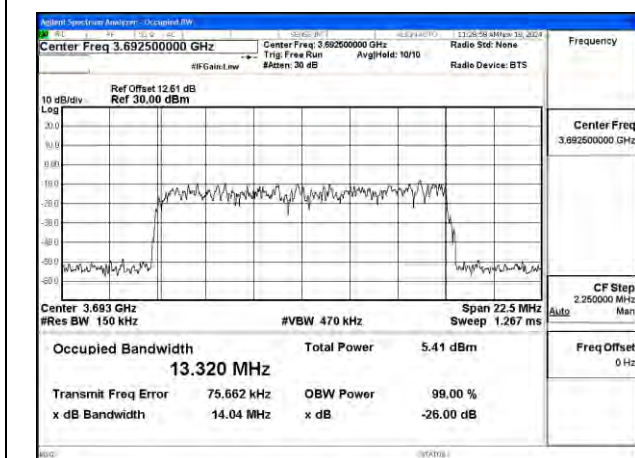


Fig.33

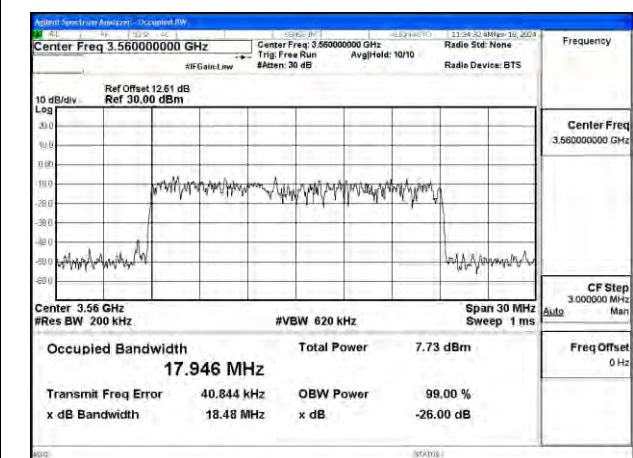


Fig.34

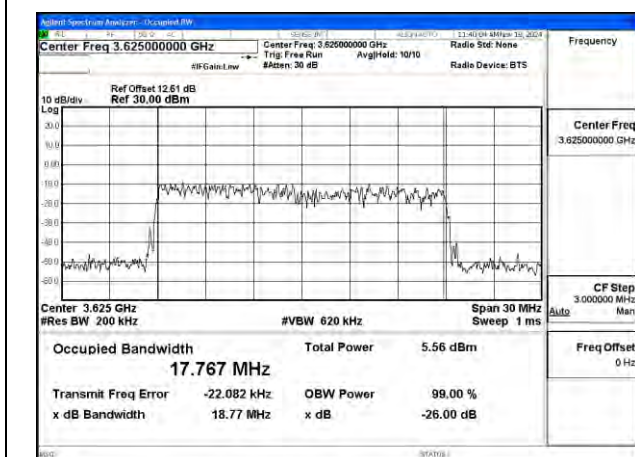


Fig.35

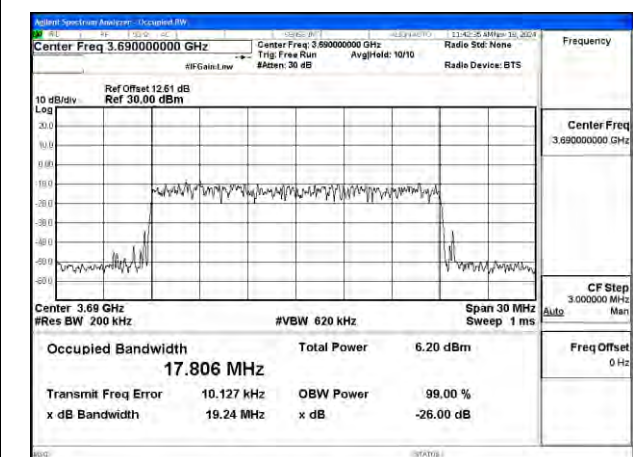


Fig.36



3 Emission Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
48	QPSK	3552.5	55265	5	25	0	4.774	Fig.1
48	QPSK	3625	55990	5	25	0	4.798	Fig.2
48	QPSK	3697.5	56715	5	25	0	4.776	Fig.3
48	QPSK	3555	55290	10	50	0	8.091	Fig.4
48	QPSK	3625	55990	10	50	0	9.342	Fig.5
48	QPSK	3695	56690	10	50	0	9.251	Fig.6
48	QPSK	3557.5	55315	15	75	0	13.841	Fig.7
48	QPSK	3625	55990	15	75	0	14.032	Fig.8
48	QPSK	3692.5	56665	15	75	0	14.059	Fig.9
48	QPSK	3560	55340	20	100	0	18.409	Fig.10
48	QPSK	3625	55990	20	100	0	18.424	Fig.11
48	QPSK	3690	56640	20	100	0	18.459	Fig.12



Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
48	16QAM	3552.5	55265	5	25	0	4.689	Fig.13
48	16QAM	3625	55990	5	25	0	4.713	Fig.14
48	16QAM	3697.5	56715	5	25	0	4.738	Fig.15
48	16QAM	3555	55290	10	50	0	9.264	Fig.16
48	16QAM	3625	55990	10	50	0	9.578	Fig.17
48	16QAM	3695	56690	10	50	0	9.307	Fig.18
48	16QAM	3557.5	55315	15	75	0	13.977	Fig.19
48	16QAM	3625	55990	15	75	0	13.836	Fig.20
48	16QAM	3692.5	56665	15	75	0	13.863	Fig.21
48	16QAM	3560	55340	20	100	0	18.452	Fig.22
48	16QAM	3625	55990	20	100	0	18.386	Fig.23
48	16QAM	3690	56640	20	100	0	18.815	Fig.24



Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
48	64QAM	3552.5	55265	5	25	0	4.768	Fig.25
48	64QAM	3625	55990	5	25	0	4.696	Fig.26
48	64QAM	3697.5	56715	5	25	0	4.828	Fig.27
48	64QAM	3555	55290	10	50	0	9.202	Fig.28
48	64QAM	3625	55990	10	50	0	9.292	Fig.29
48	64QAM	3695	56690	10	50	0	9.460	Fig.30
48	64QAM	3557.5	55315	15	75	0	14.153	Fig.31
48	64QAM	3625	55990	15	75	0	14.199	Fig.32
48	64QAM	3692.5	56665	15	75	0	14.038	Fig.33
48	64QAM	3560	55340	20	100	0	18.478	Fig.34
48	64QAM	3625	55990	20	100	0	18.770	Fig.35
48	64QAM	3690	56640	20	100	0	19.241	Fig.36



Test Mode: QPSK

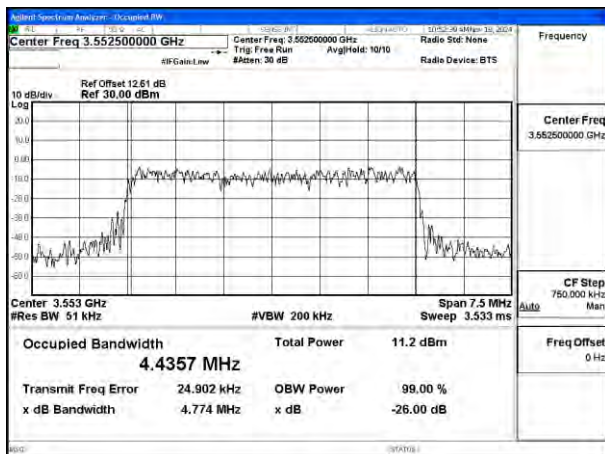


Fig.1

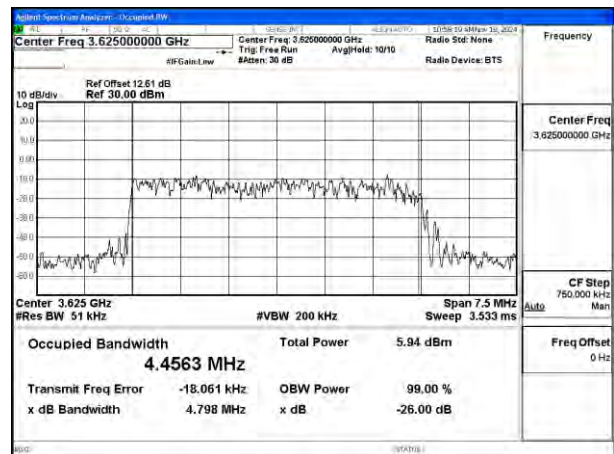


Fig.2

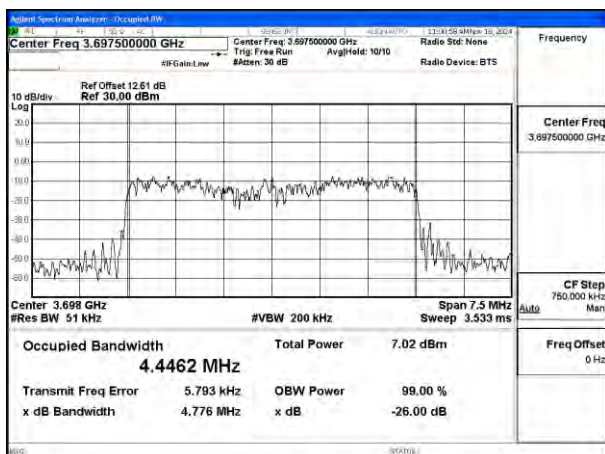


Fig.3

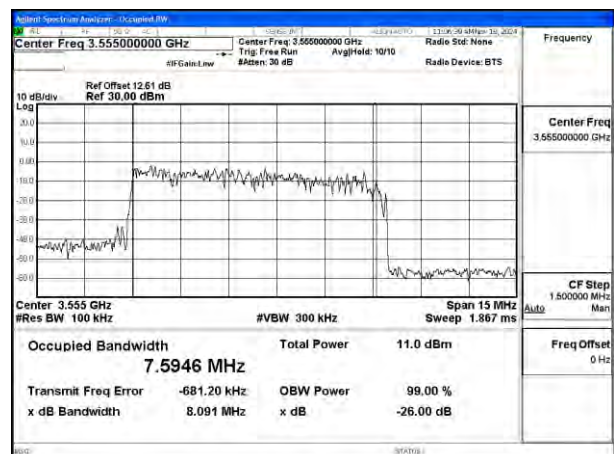


Fig.4

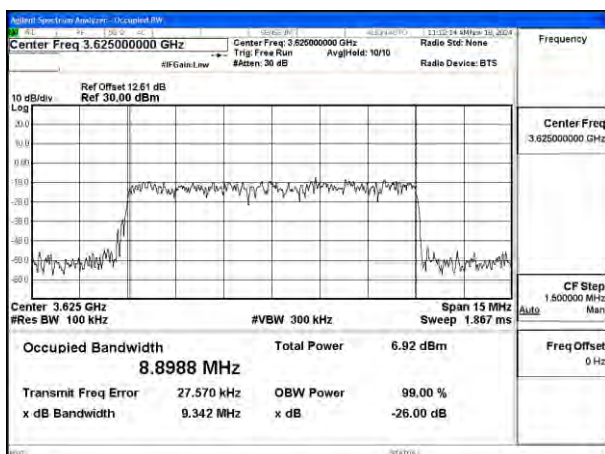


Fig.5

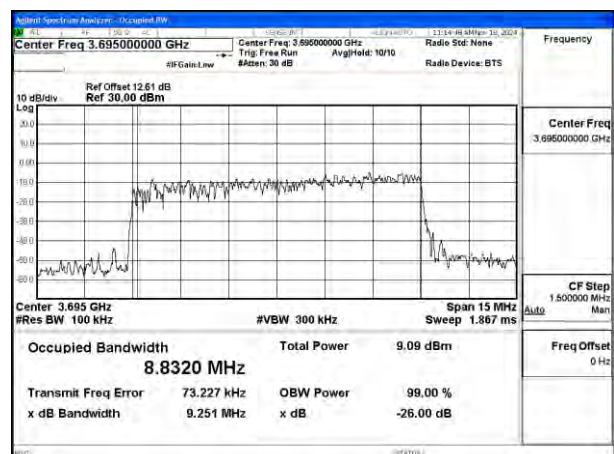


Fig.6



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No.: PBJ-NQN2412130113RF01
FCC ID: 2AANY-IR624

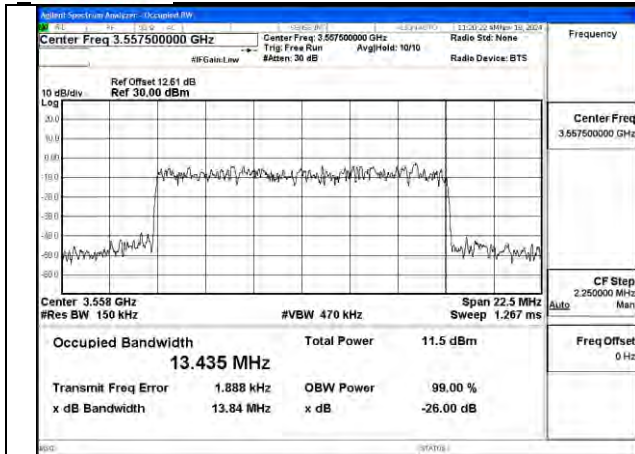


Fig.7

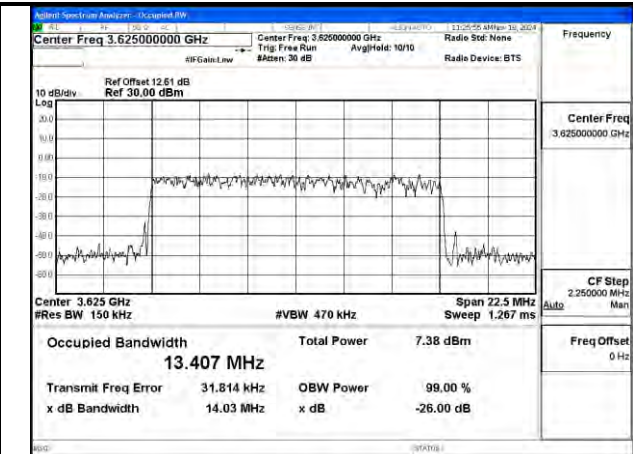


Fig.8

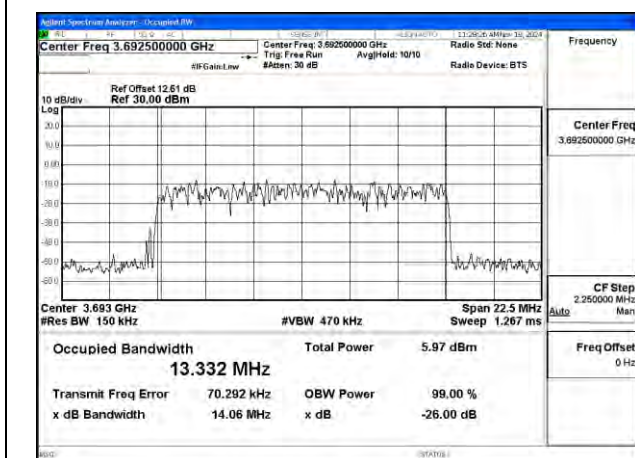


Fig.9

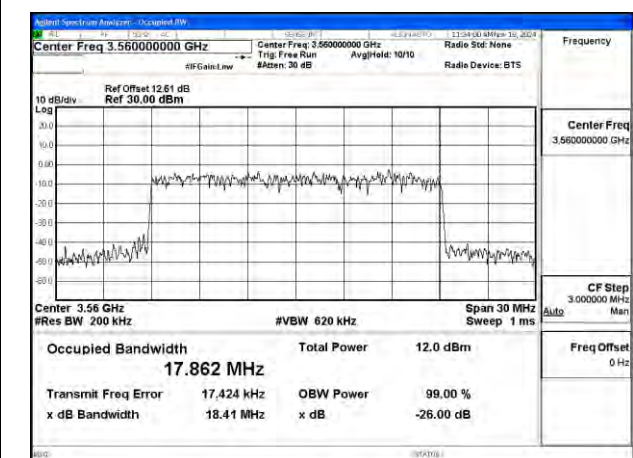


Fig.10

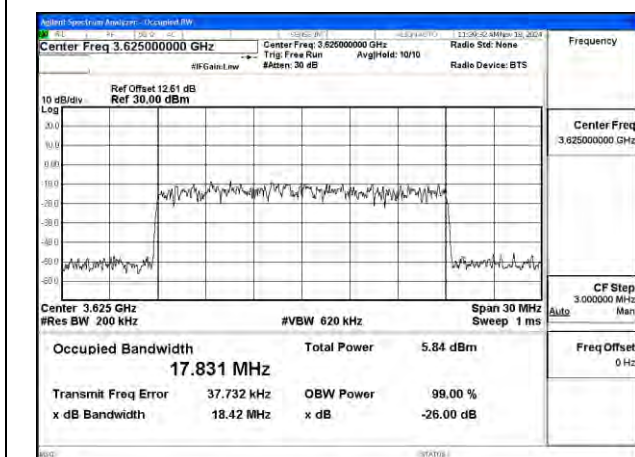


Fig.11

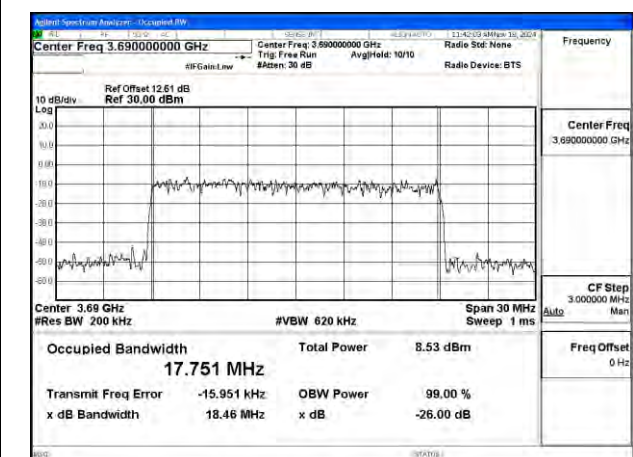


Fig.12



Test Mode: 16QAM

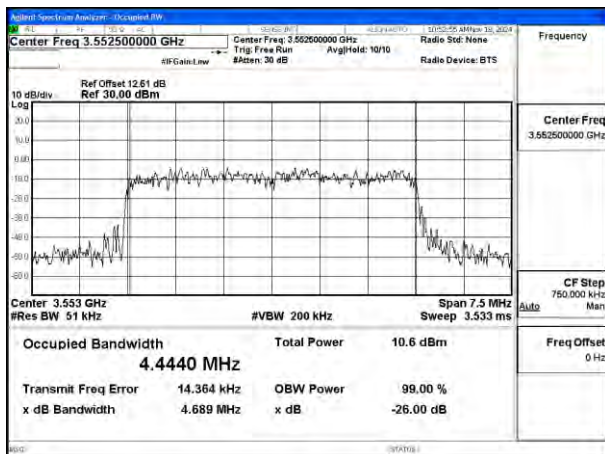


Fig.13

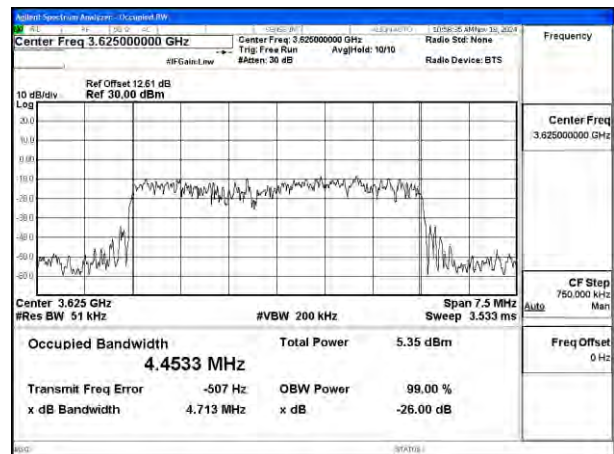


Fig.14

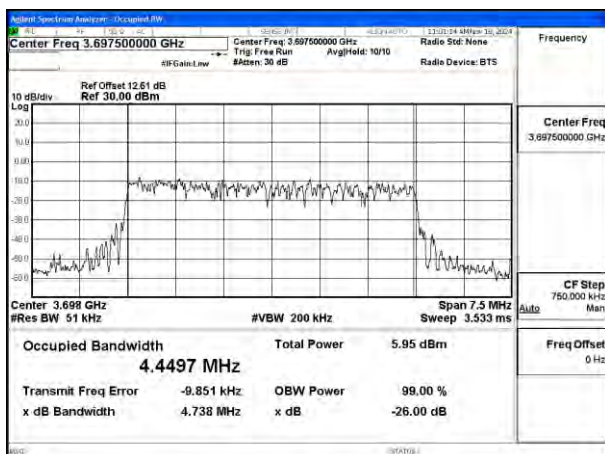


Fig.15

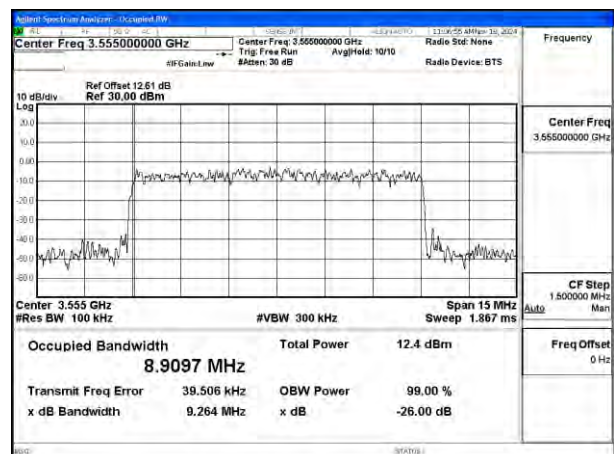


Fig.16

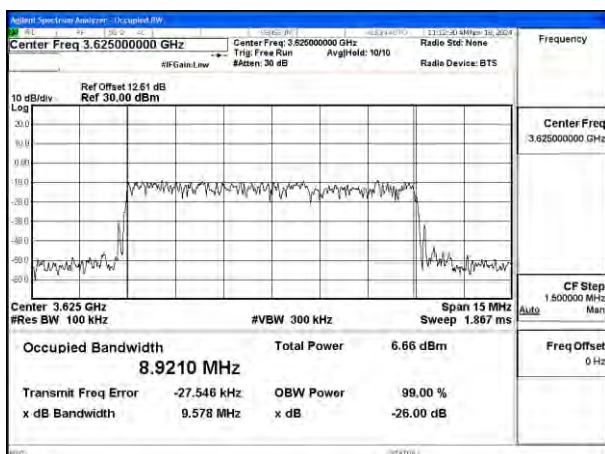


Fig.17

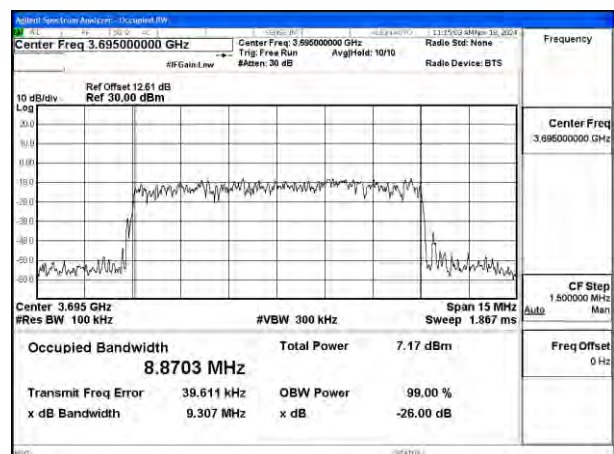


Fig.18



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No.: PBJ-NQN2412130113RF01
FCC ID: 2AANY-IR624

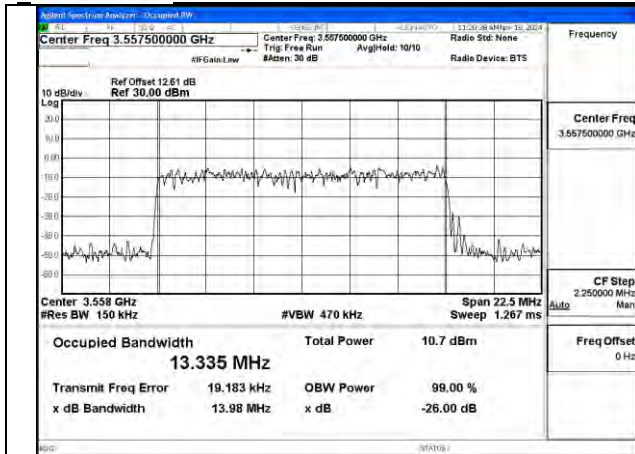


Fig.19

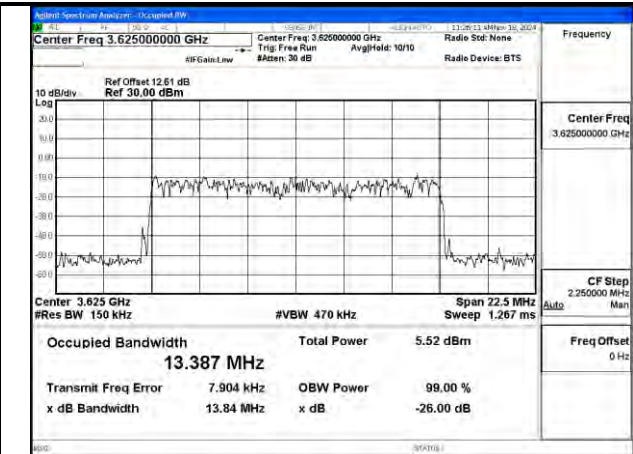


Fig.20

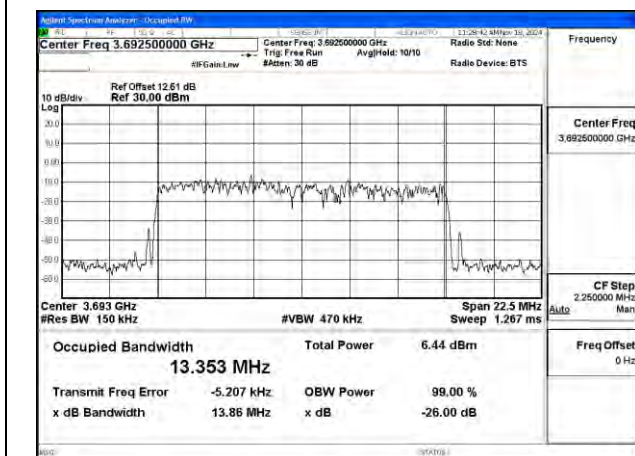


Fig.21

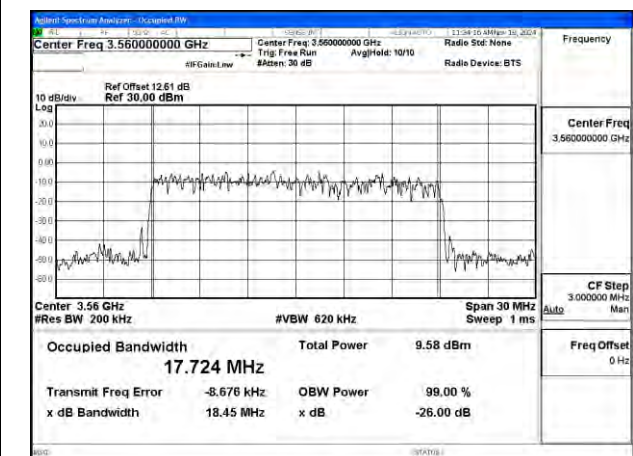


Fig.22

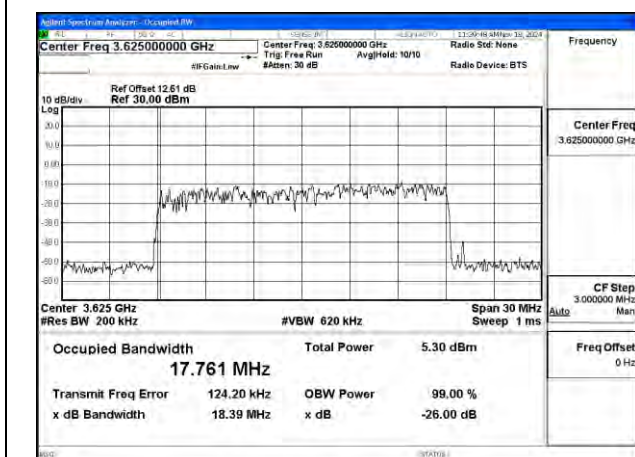


Fig.23

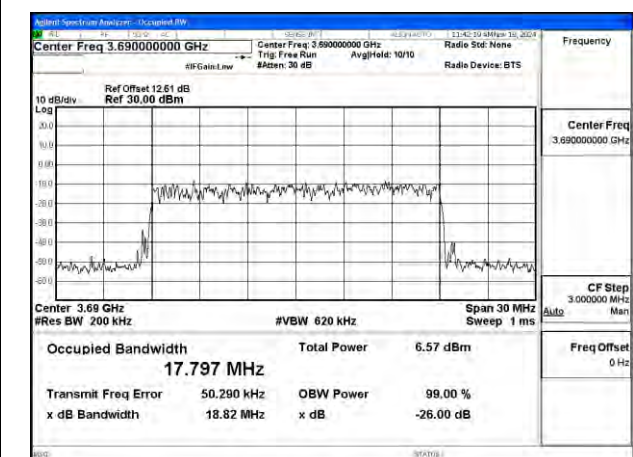


Fig.24



Test Mode: 64QAM

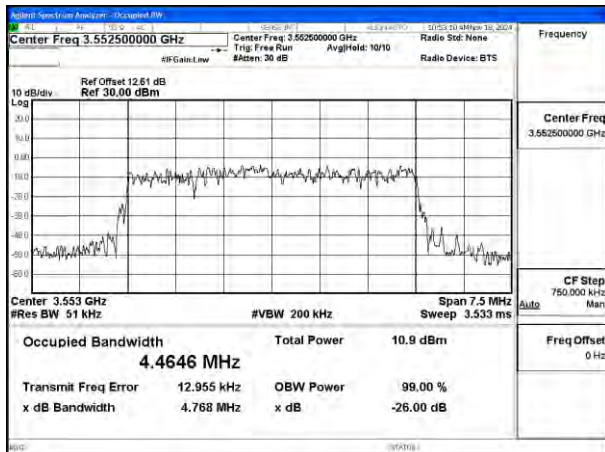


Fig.25

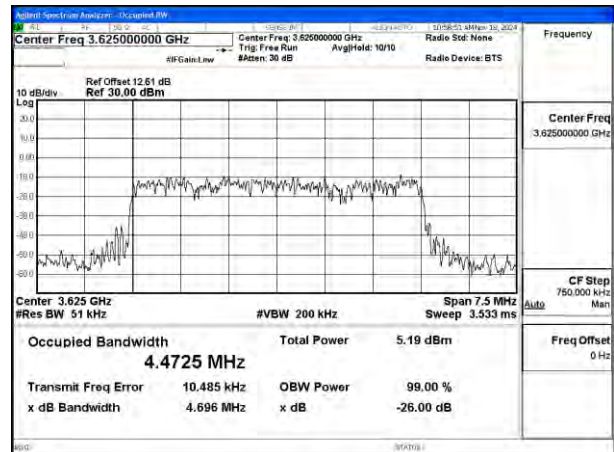


Fig.26

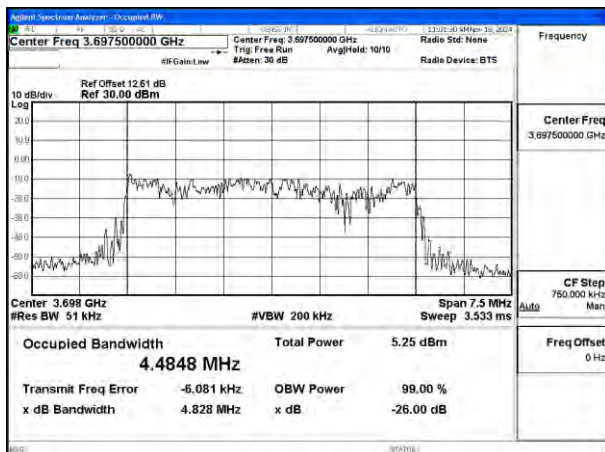


Fig.27

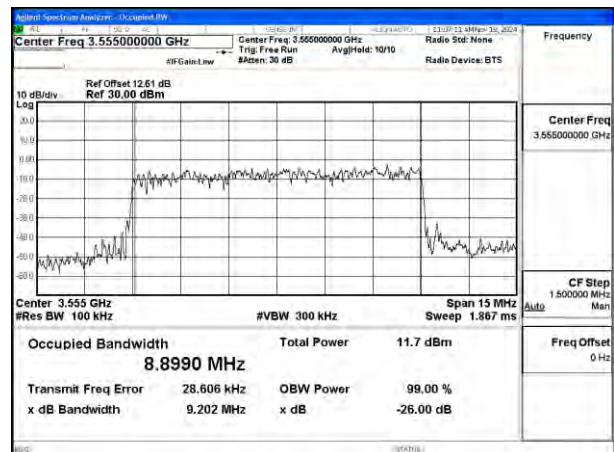


Fig.28

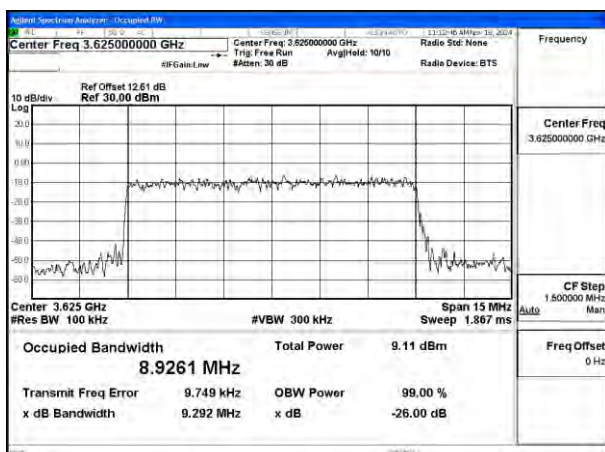


Fig.29

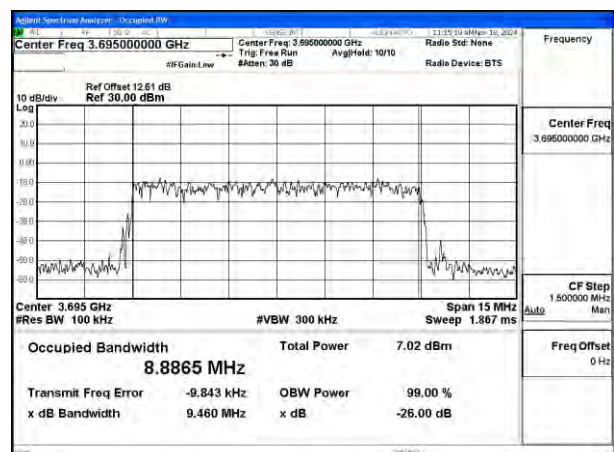


Fig.30



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No.: PBJ-NQN2412130113RF01
FCC ID: 2AANY-IR624

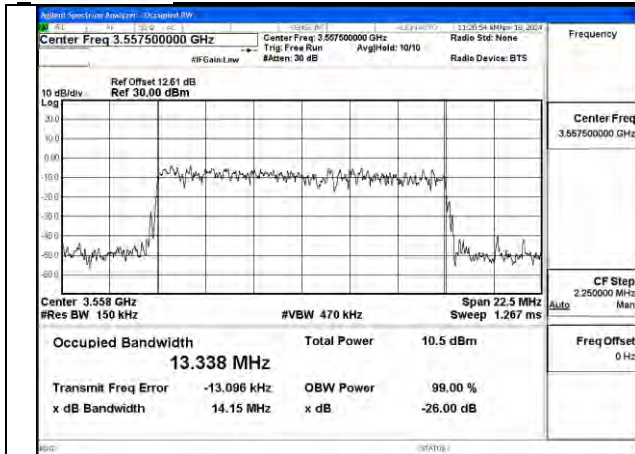


Fig.31

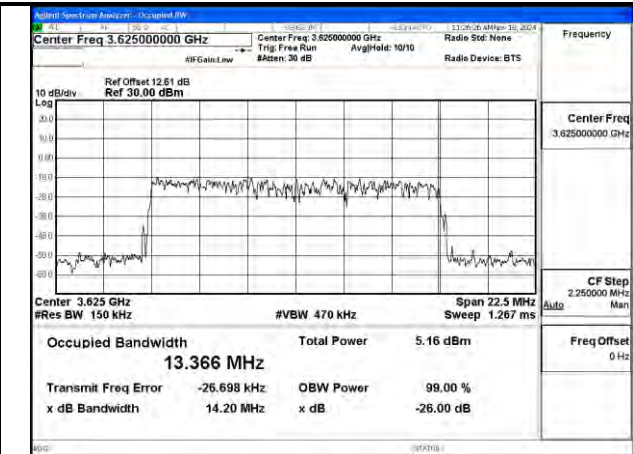


Fig.32

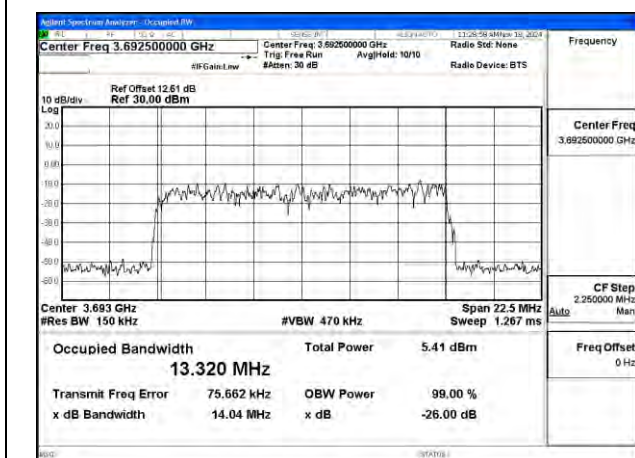


Fig.33

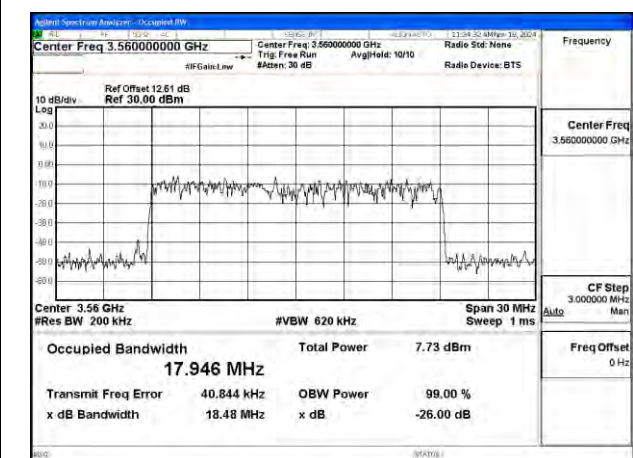


Fig.34

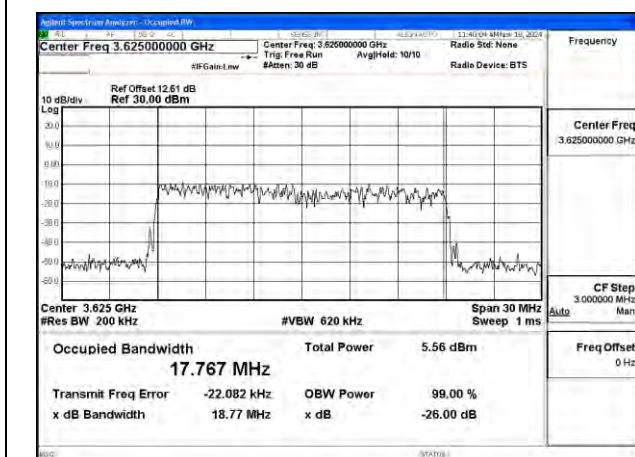


Fig.35

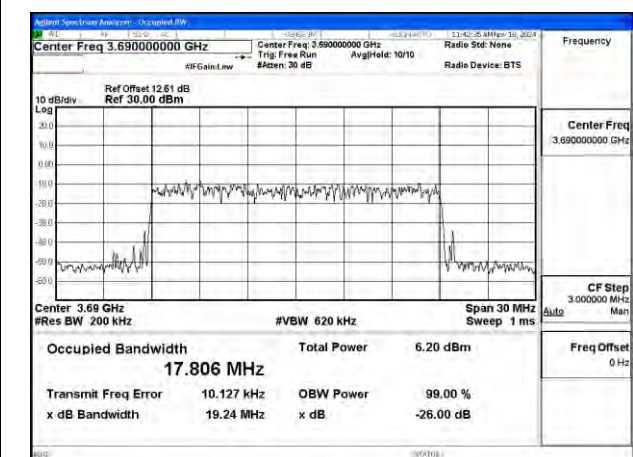


Fig.36



4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
48	3552.5	55265	5	1	24	Fig.1	Fig.2	Fig.3
48	3552.5	55265	5	25	0	Fig.4	Fig.5	Fig.6
48	3625	55990	5	1	24	Fig.7	Fig.8	Fig.9
48	3625	55990	5	25	0	Fig.10	Fig.11	Fig.12
48	3697.5	56715	5	1	24	Fig.13	Fig.14	Fig.15
48	3697.5	56715	5	25	0	Fig.16	Fig.17	Fig.18
48	3555	55290	10	1	49	Fig.19	Fig.20	Fig.21
48	3555	55290	10	50	0	Fig.22	Fig.23	Fig.24
48	3625	55990	10	1	49	Fig.25	Fig.26	Fig.27
48	3625	55990	10	50	0	Fig.28	Fig.29	Fig.30
48	3695	56690	10	1	49	Fig.31	Fig.32	Fig.33
48	3695	56690	10	50	0	Fig.34	Fig.35	Fig.36
48	3557.5	55315	15	1	74	Fig.37	Fig.38	Fig.39
48	3557.5	55315	15	75	0	Fig.40	Fig.41	Fig.42
48	3625	55990	15	1	74	Fig.43	Fig.44	Fig.45
48	3625	55990	15	75	0	Fig.46	Fig.47	Fig.48
48	3692.5	56665	15	1	74	Fig.49	Fig.50	Fig.51
48	3692.5	56665	15	75	0	Fig.52	Fig.53	Fig.54
48	3560	55340	20	1	99	Fig.55	Fig.56	Fig.57
48	3560	55340	20	100	0	Fig.58	Fig.59	Fig.60
48	3625	55990	20	1	99	Fig.61	Fig.62	Fig.63
48	3625	55990	20	100	0	Fig.64	Fig.65	Fig.66
48	3690	56640	20	1	99	Fig.67	Fig.68	Fig.69
48	3690	56640	20	100	0	Fig.70	Fig.71	Fig.72

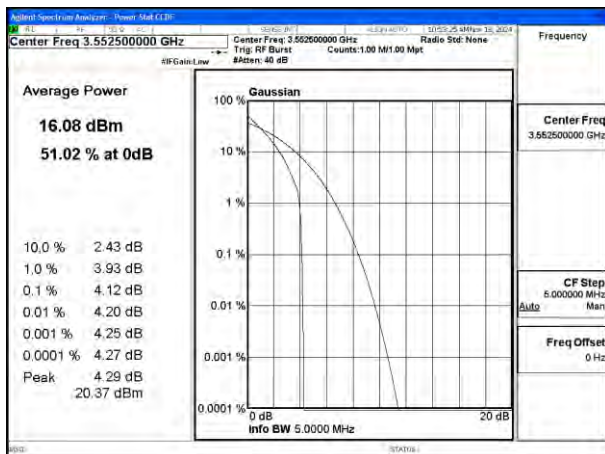


Fig.1

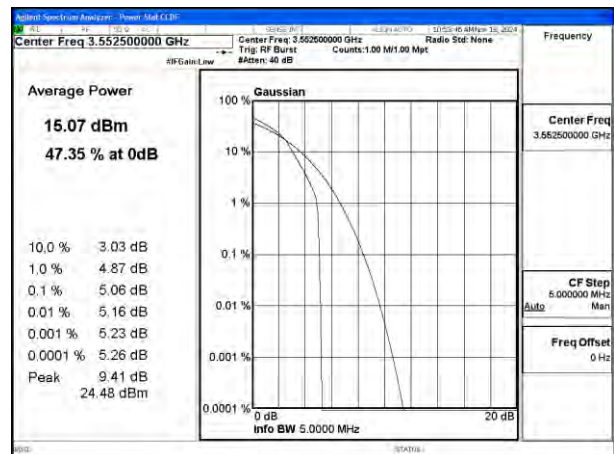


Fig.2

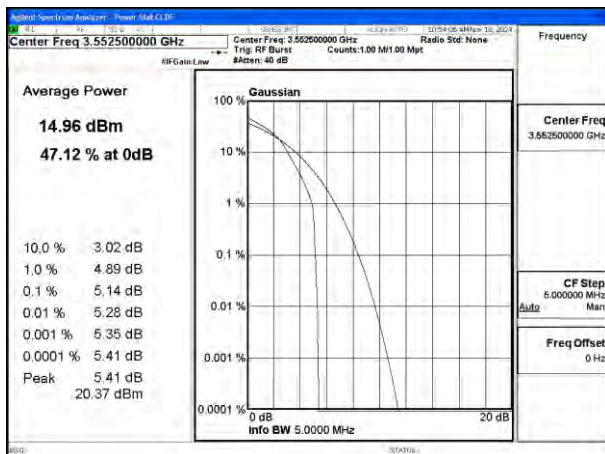


Fig.3

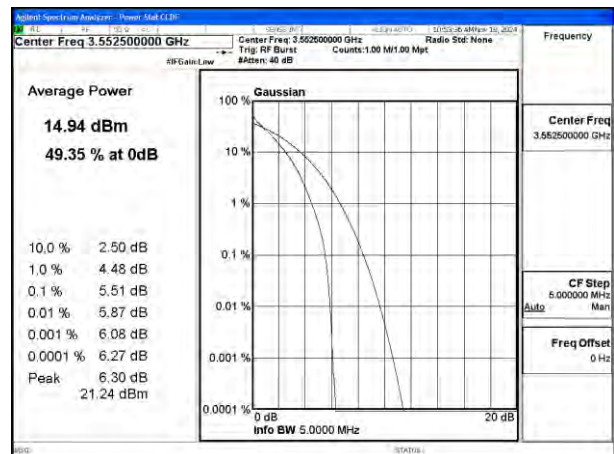


Fig.4

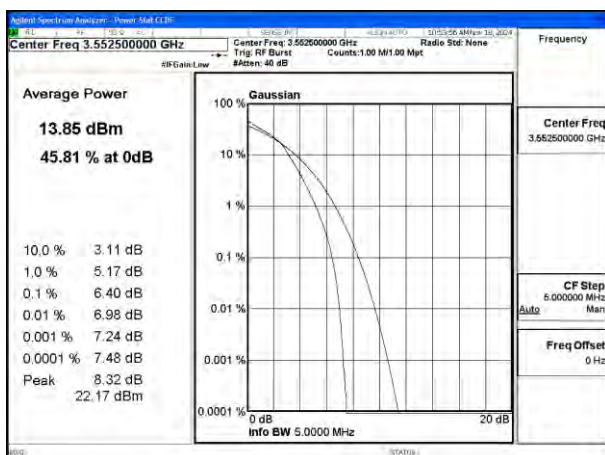


Fig.5

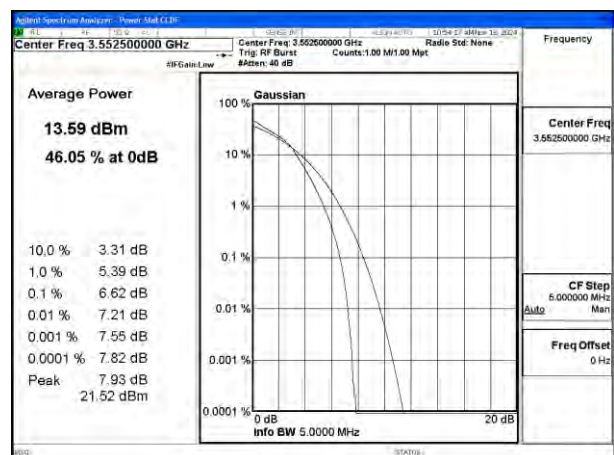


Fig.6

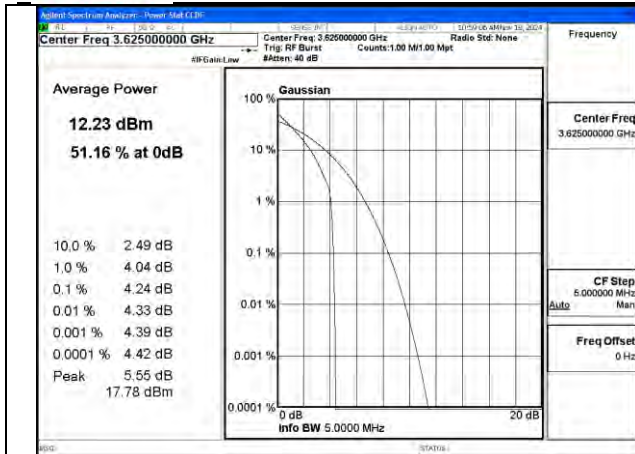


Fig.7

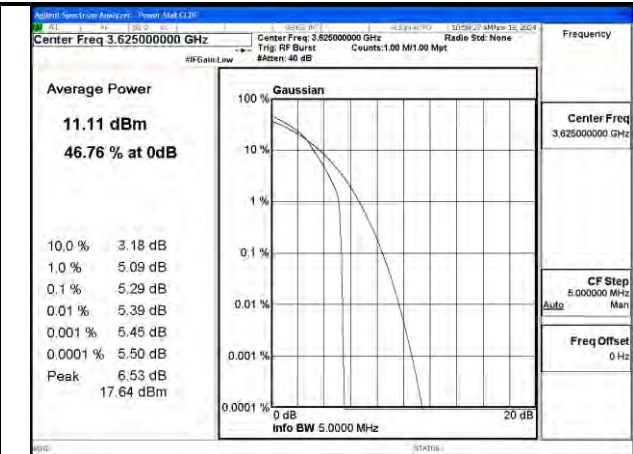


Fig.8

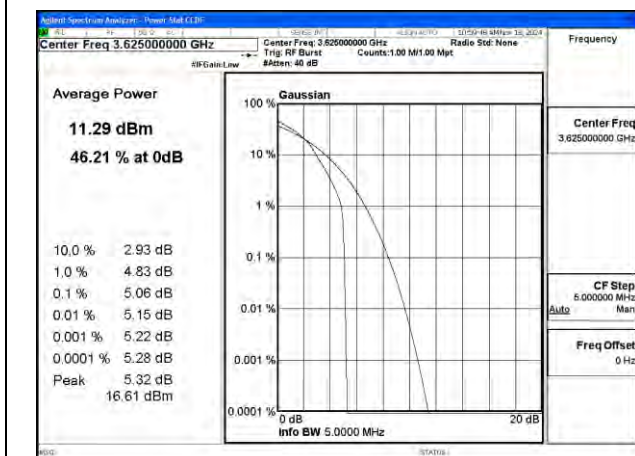


Fig.9

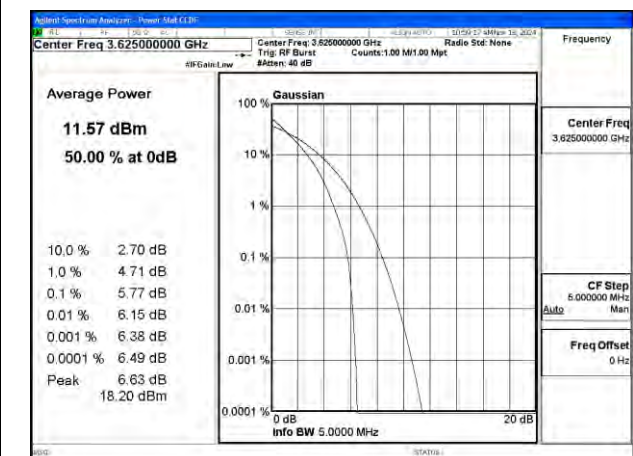


Fig.10

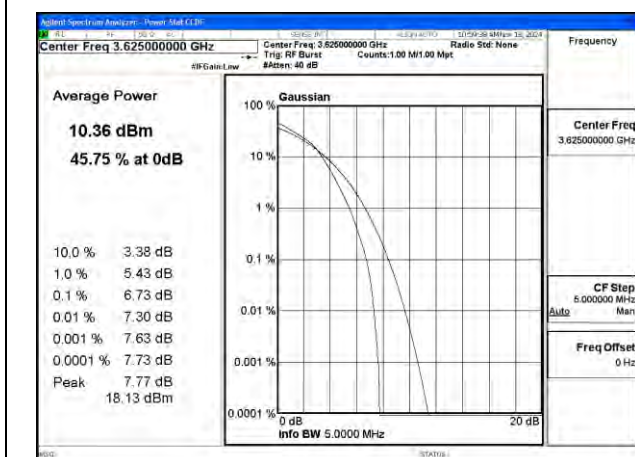


Fig.11

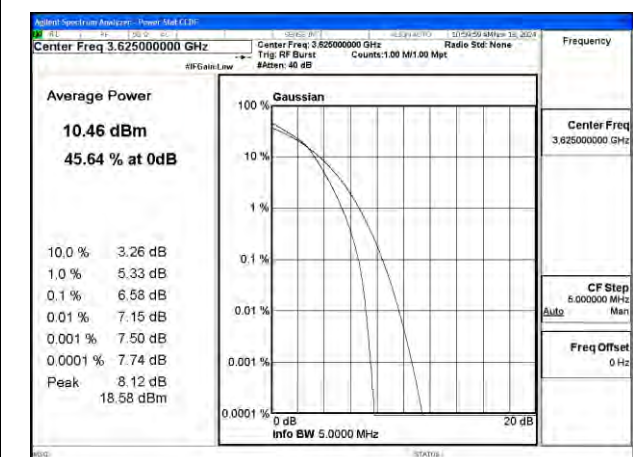


Fig.12



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No.: PBJ-NQN2412130113RF01
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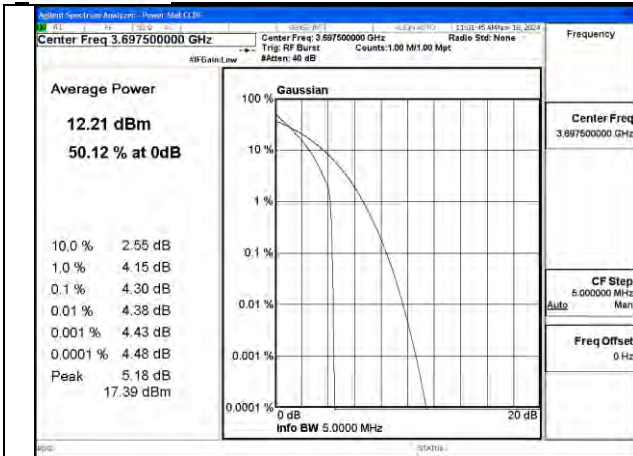


Fig.13

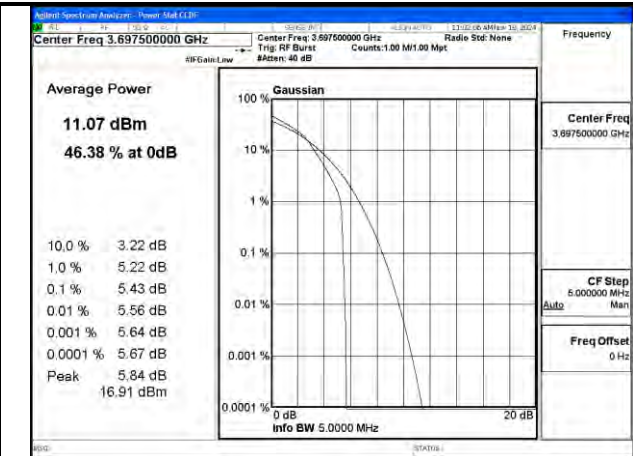


Fig.14

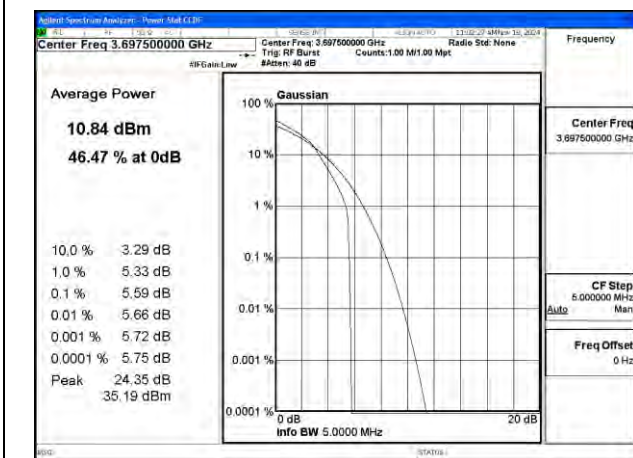


Fig.15

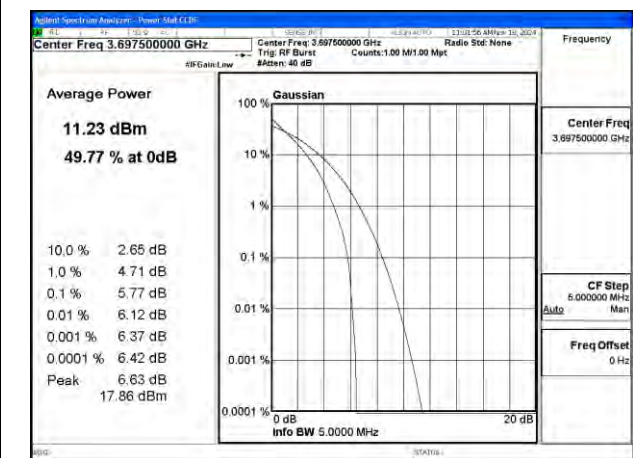


Fig.16

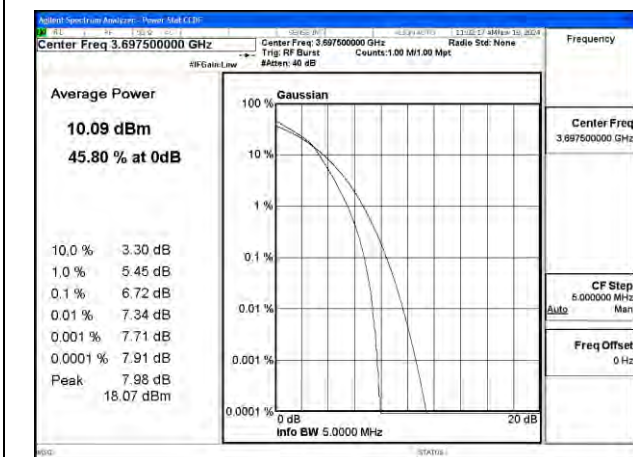


Fig.17

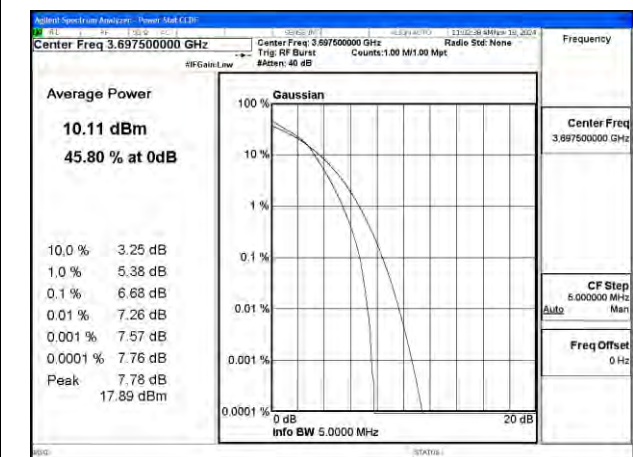


Fig.18



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No.: PBJ-NQN2412130113RF01
FCC ID: 2AANY-IR624

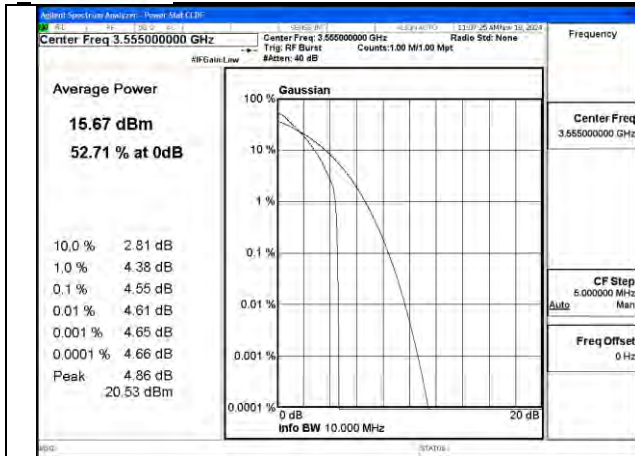


Fig.19

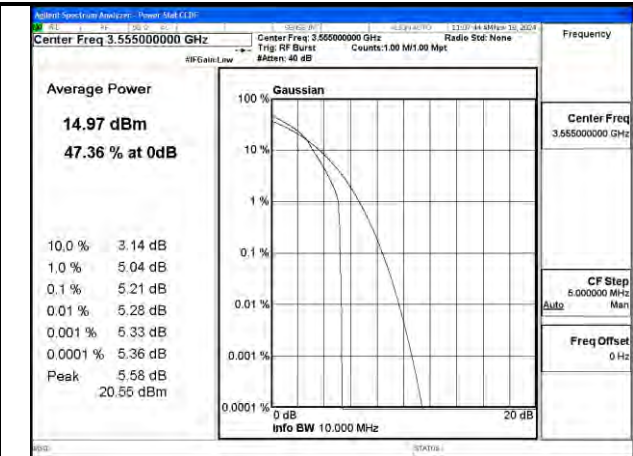


Fig.20

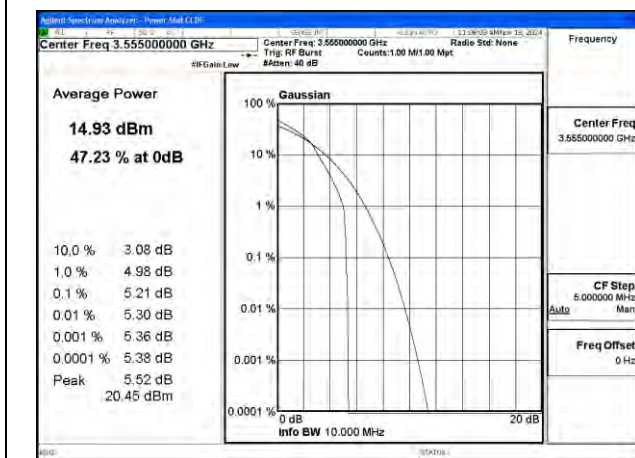


Fig.21

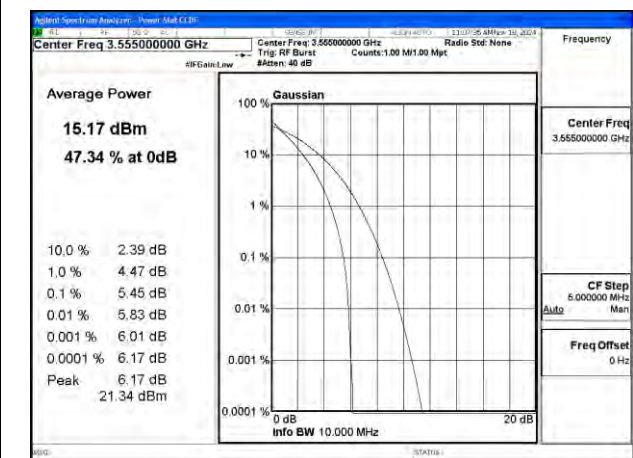


Fig.22

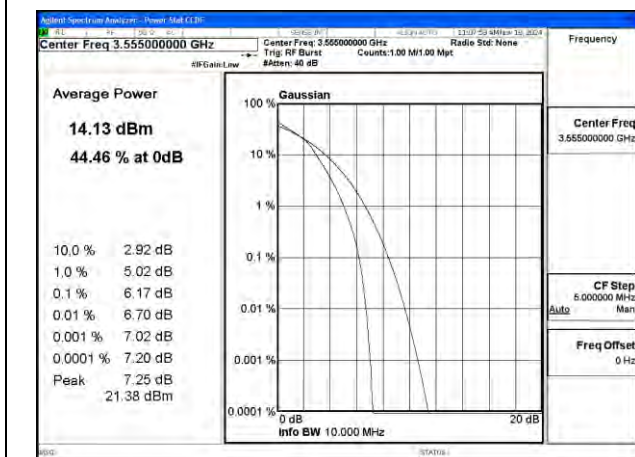


Fig.23

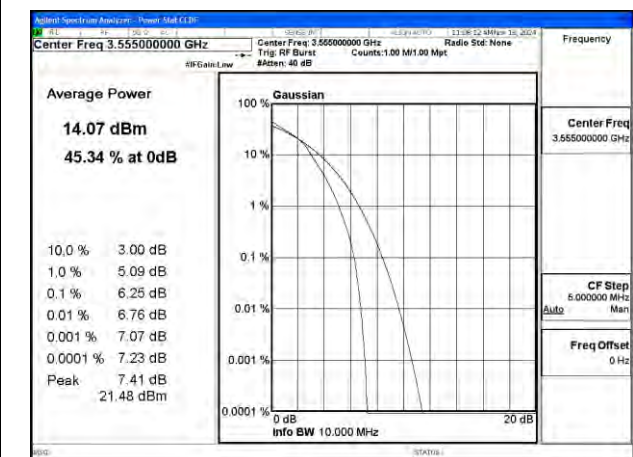


Fig.24

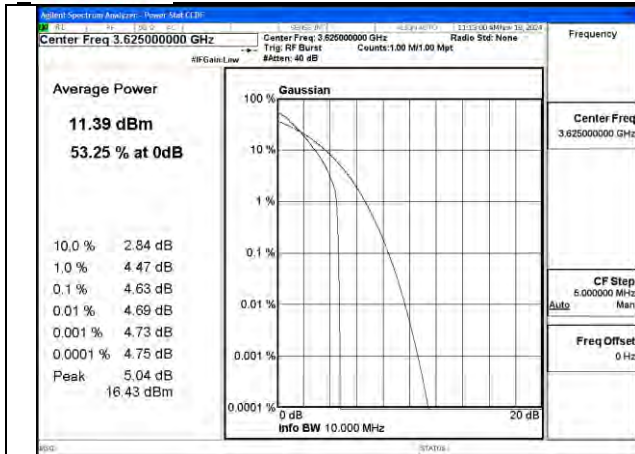


Fig.25

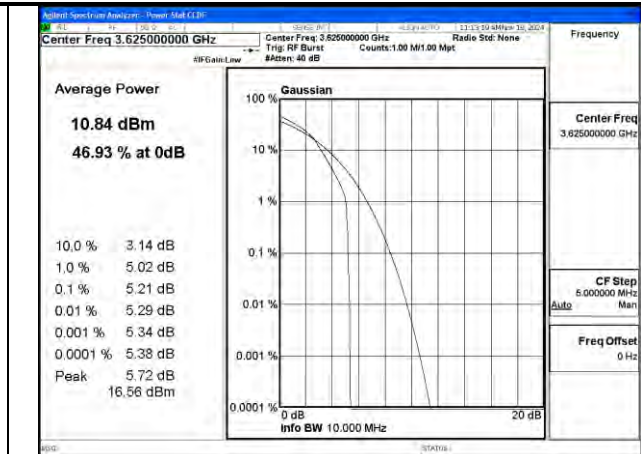


Fig.26

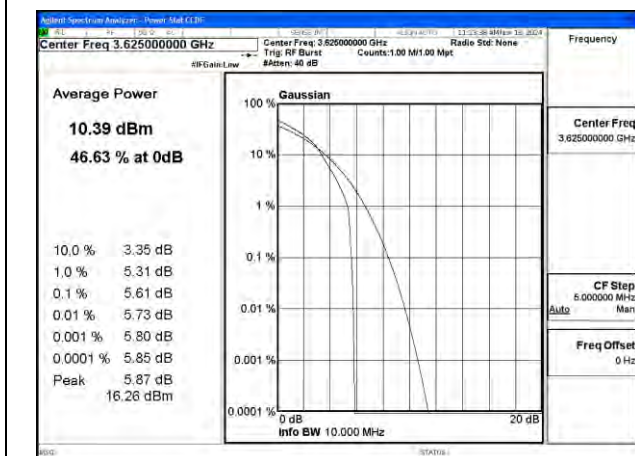


Fig.27

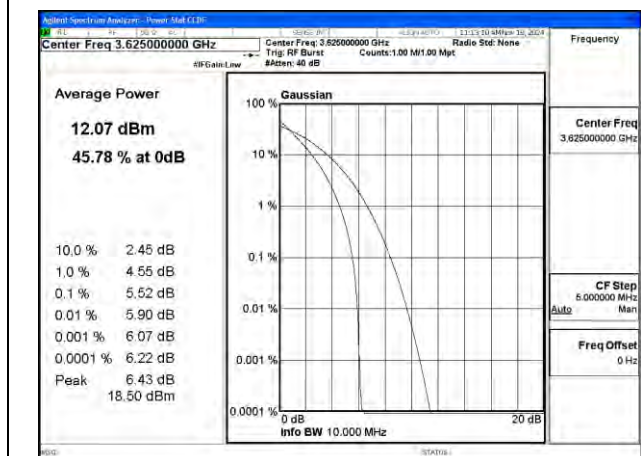


Fig.28

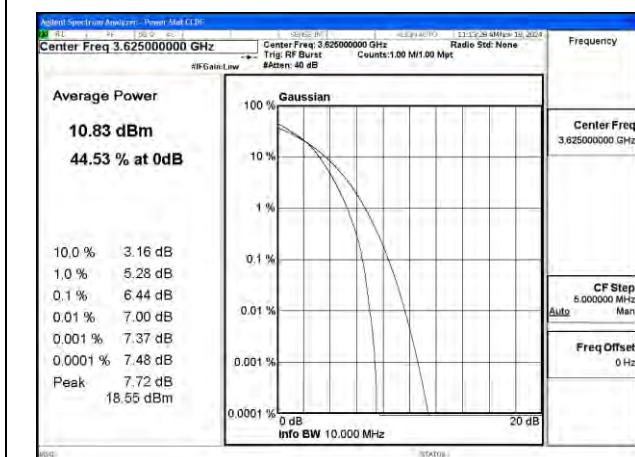


Fig.29

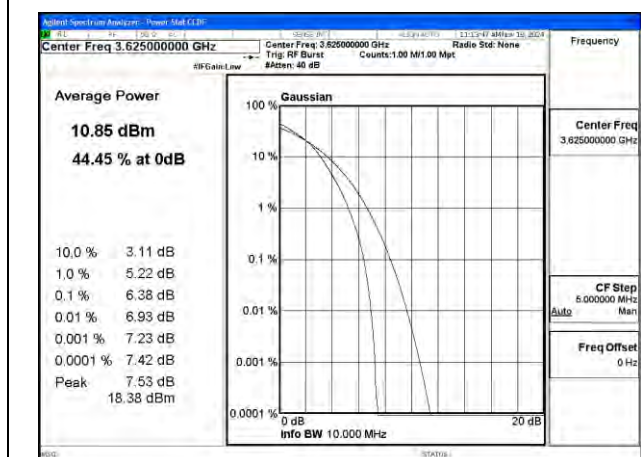


Fig.30



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No.: PBJ-NQN2412130113RF01
FCC ID: 2AANY-IR624

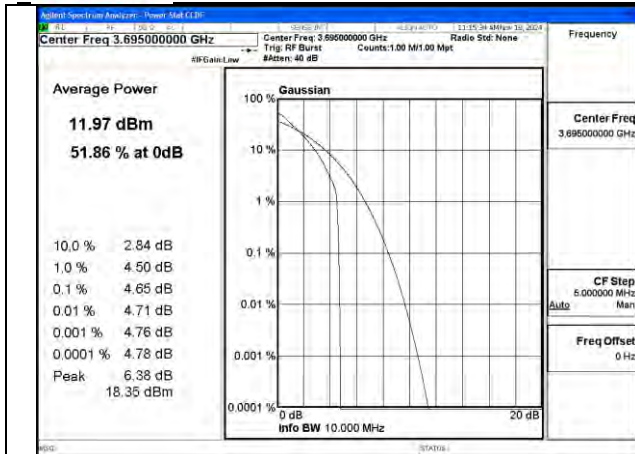


Fig.31

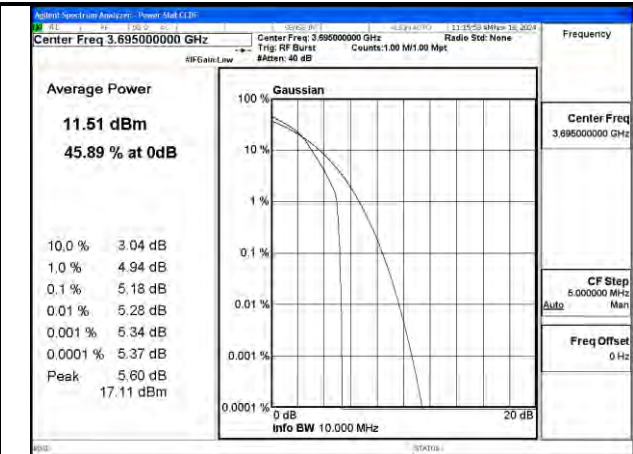


Fig.32

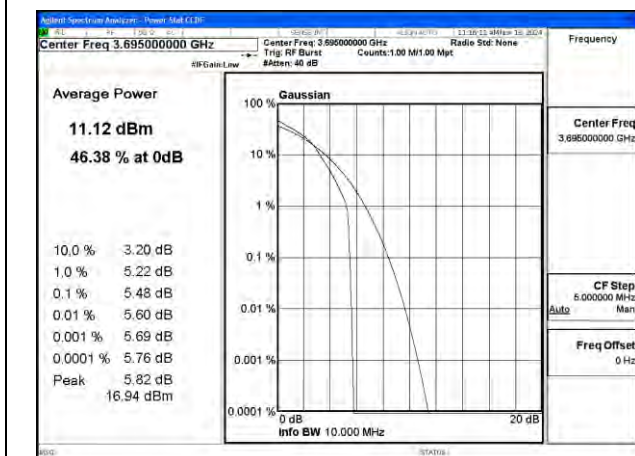


Fig.33

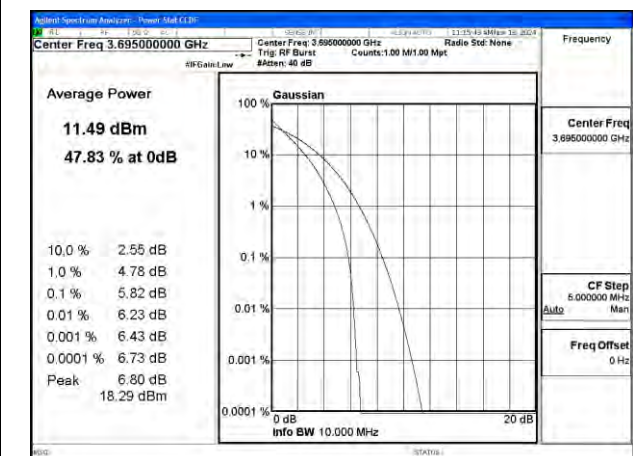


Fig.34

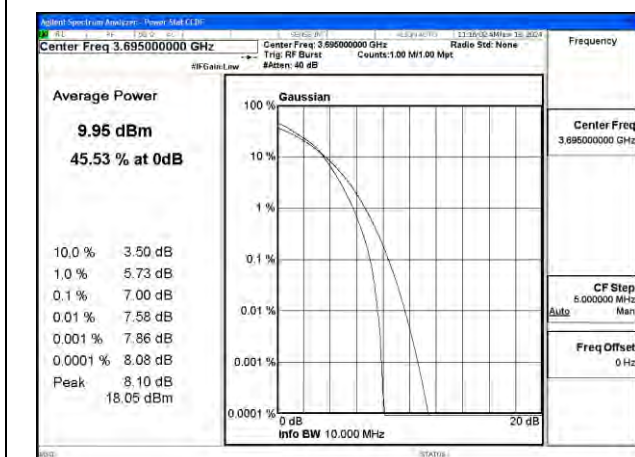


Fig.35

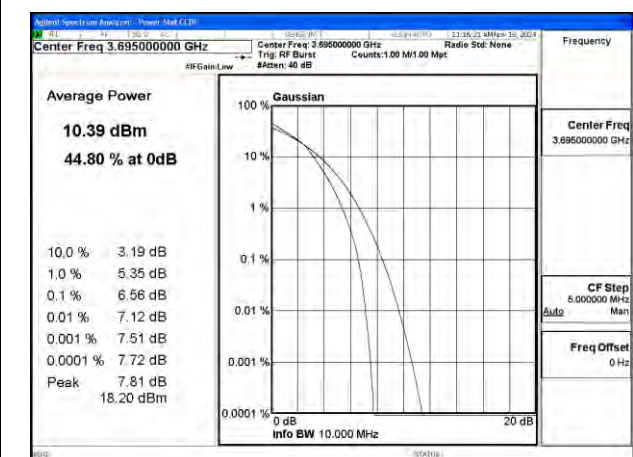


Fig.36



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VERITAS

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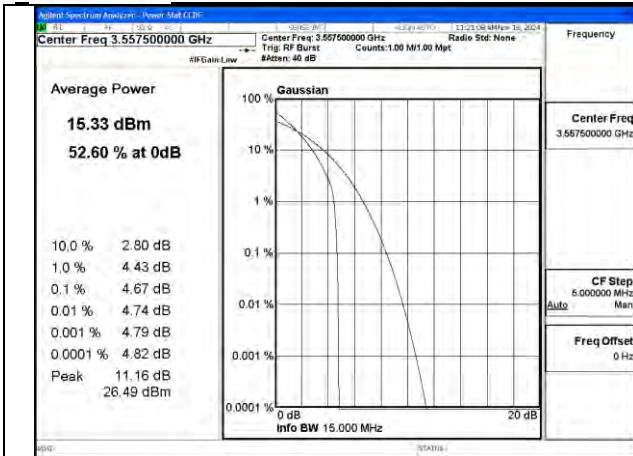


Fig.37

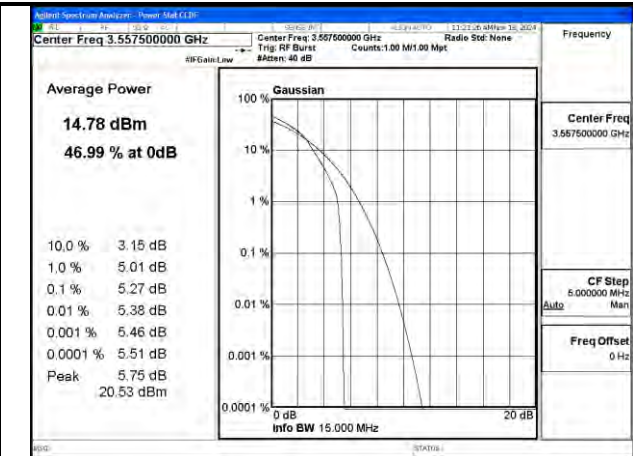


Fig.38

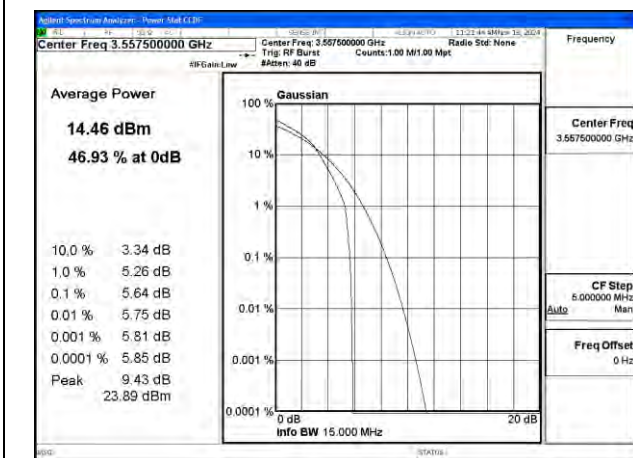


Fig.39

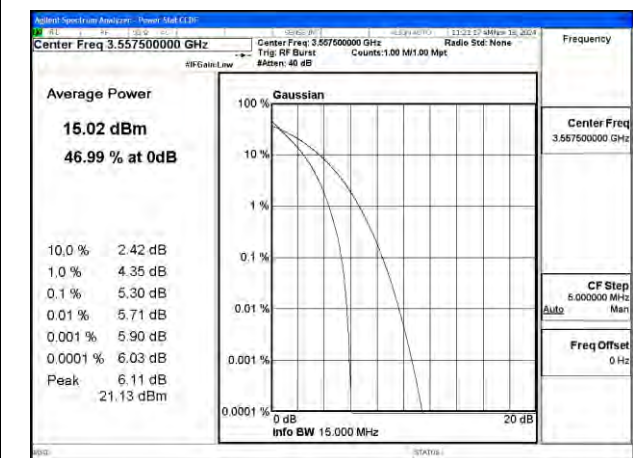


Fig.40

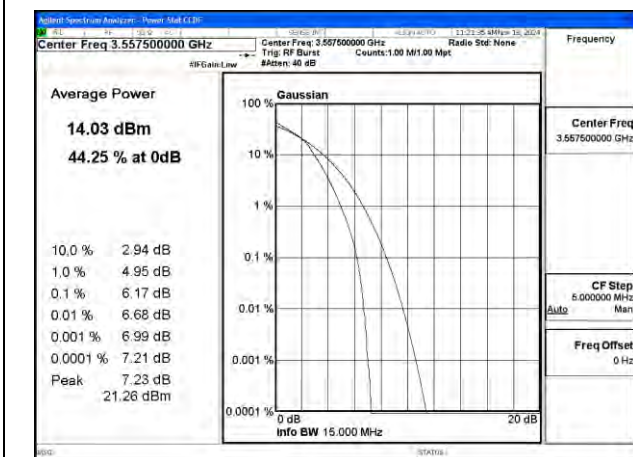


Fig.41

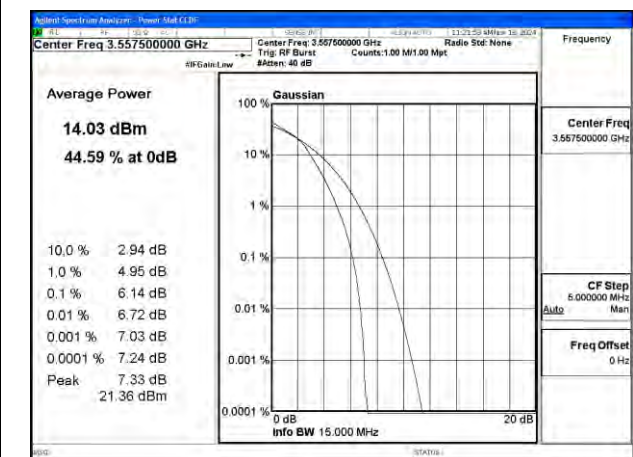


Fig.42

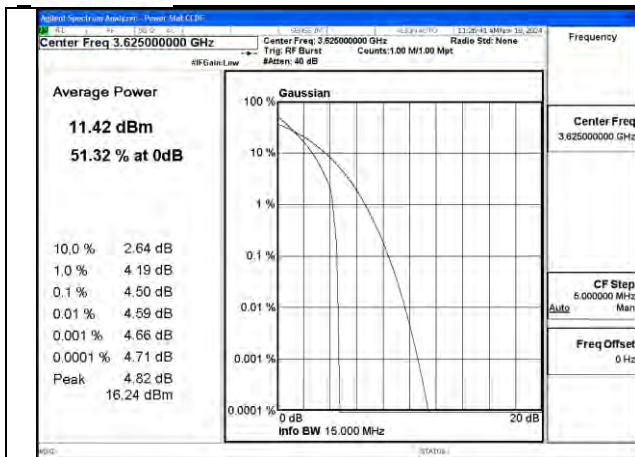


Fig.43

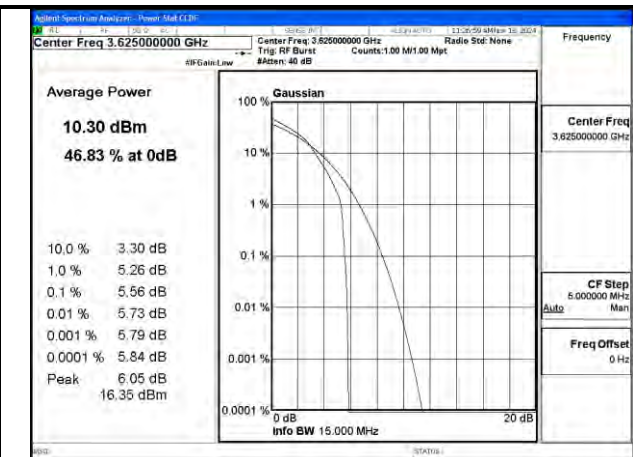


Fig.44

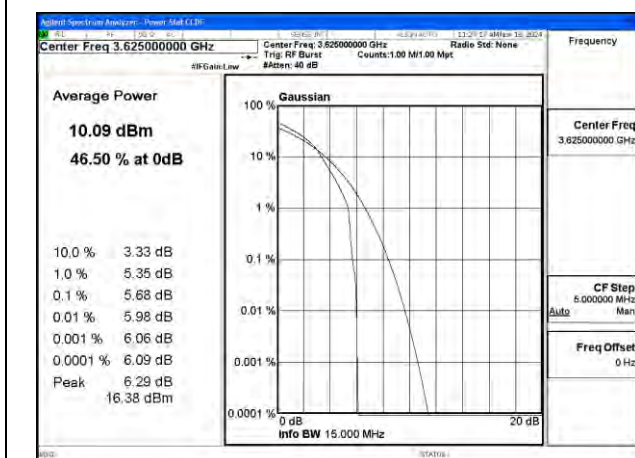


Fig.45

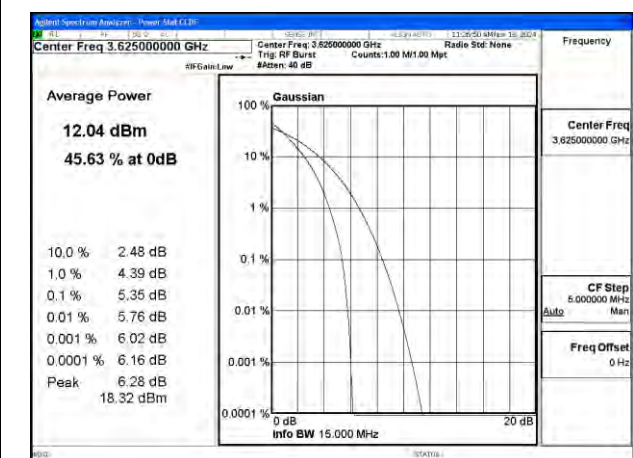


Fig.46

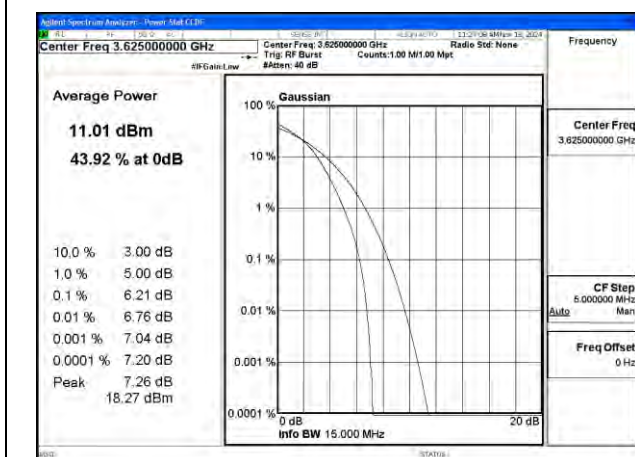


Fig.47

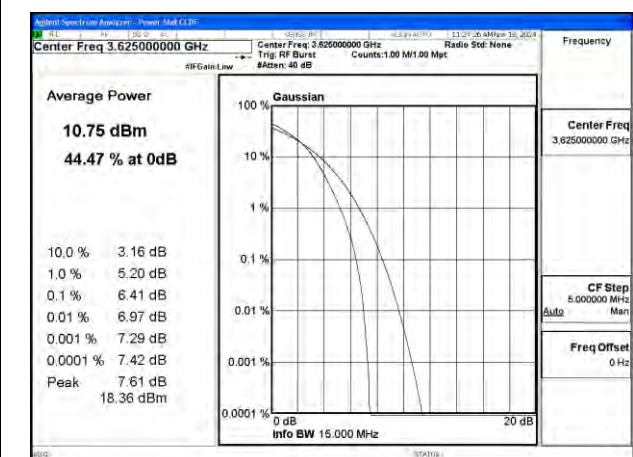


Fig.48

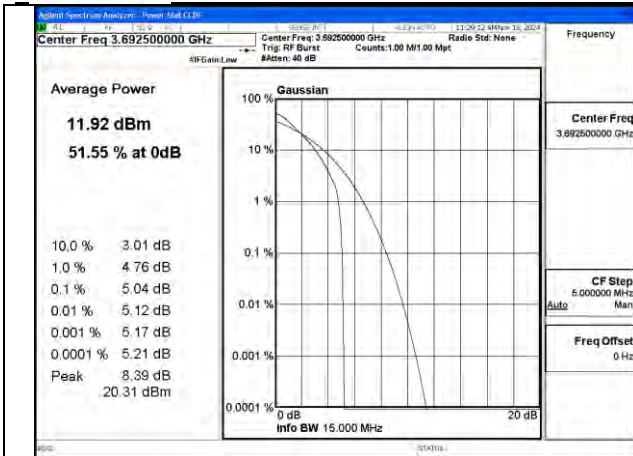


Fig.49

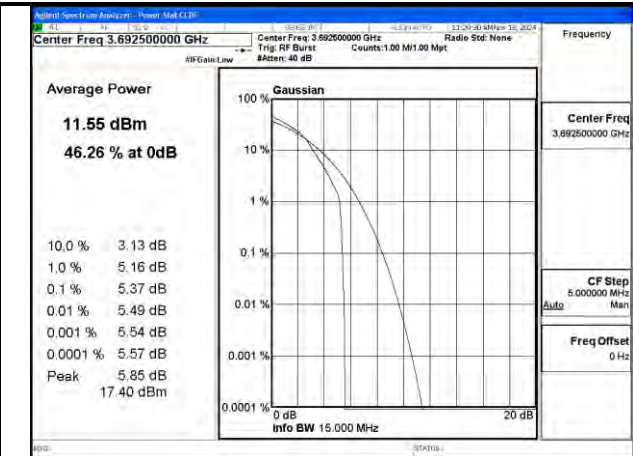


Fig.50

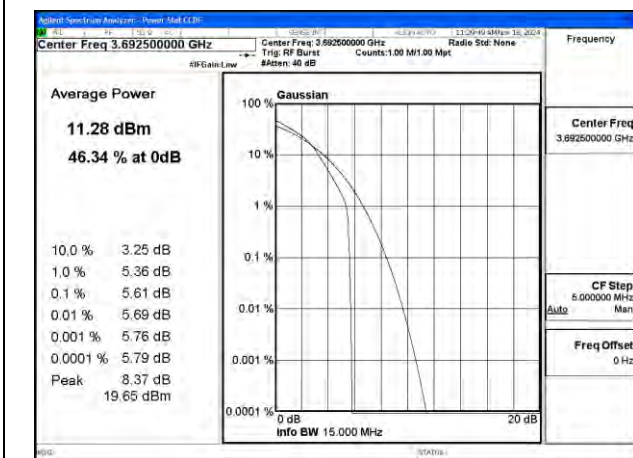


Fig.51

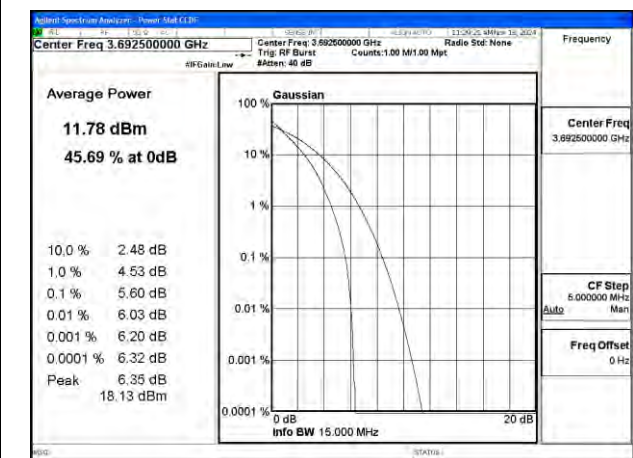


Fig.52

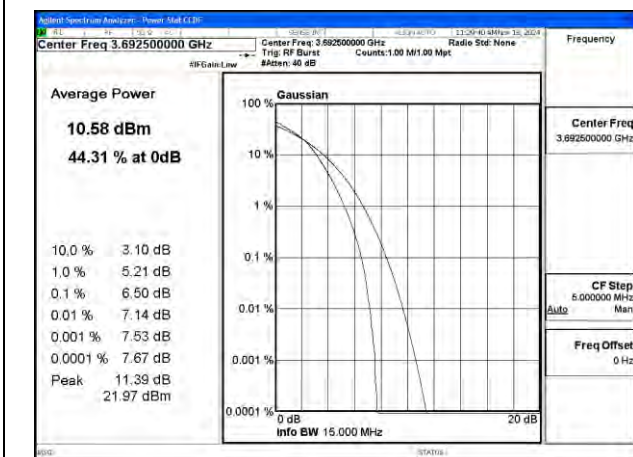


Fig.53

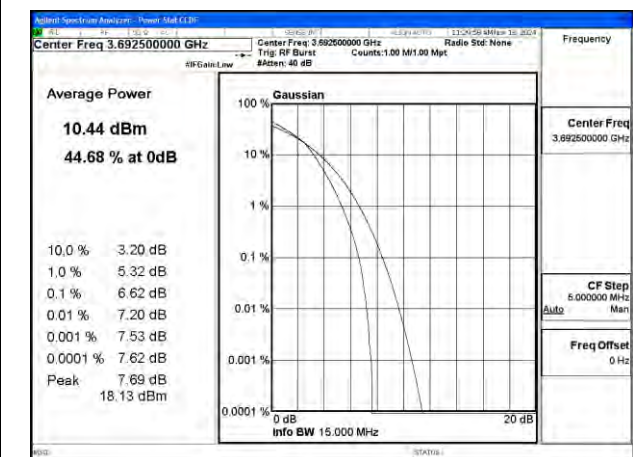


Fig.54



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No.: PBJ-NQN2412130113RF01
FCC ID: 2AANY-IR624

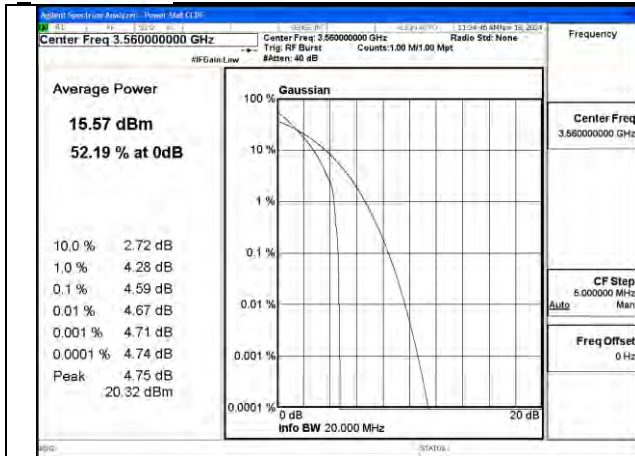


Fig.55

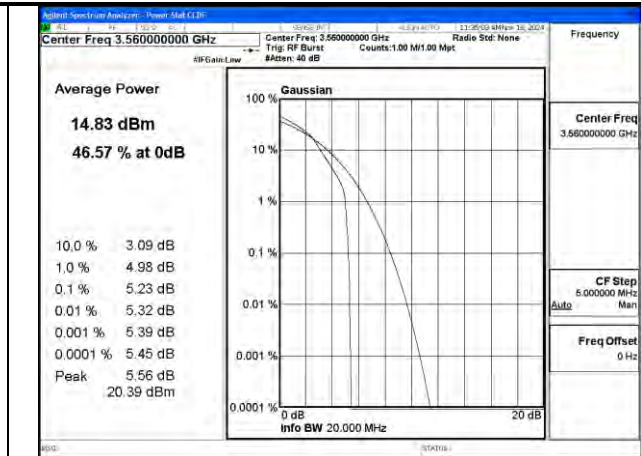


Fig.56

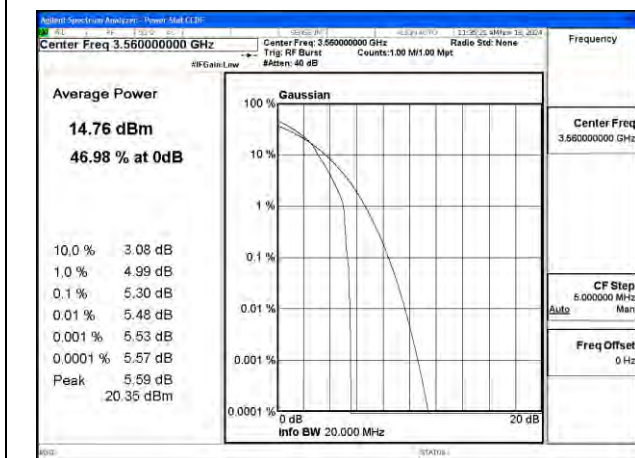


Fig.57

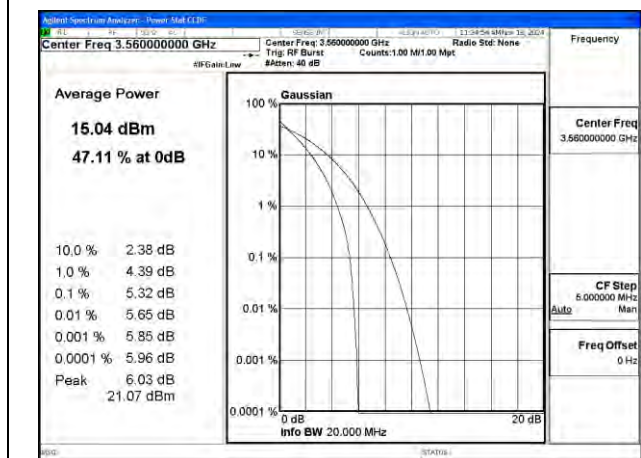


Fig.58

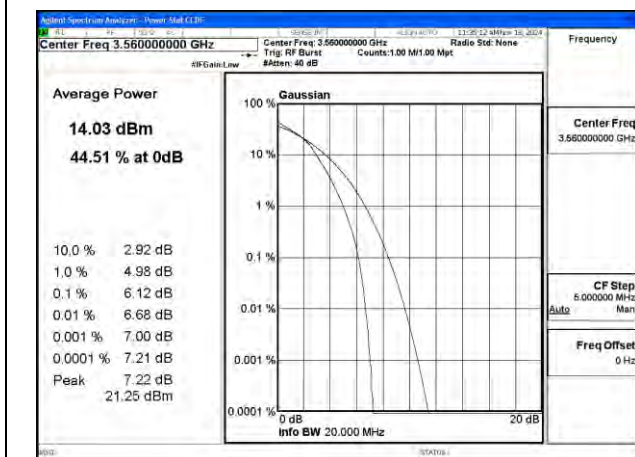


Fig.59

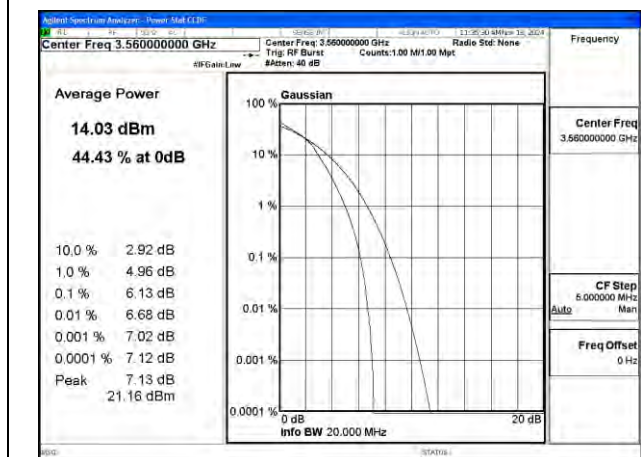


Fig.60



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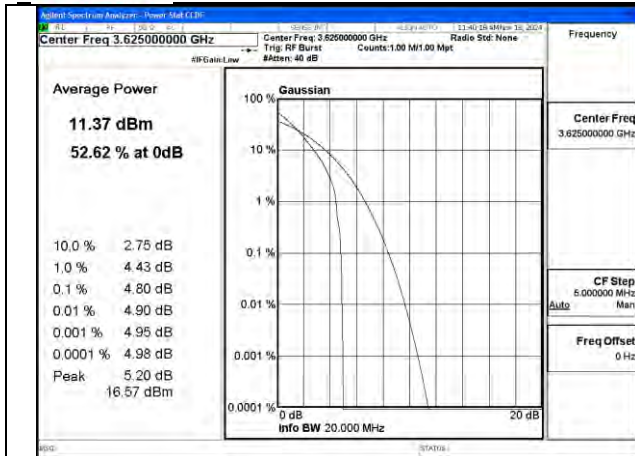


Fig.61

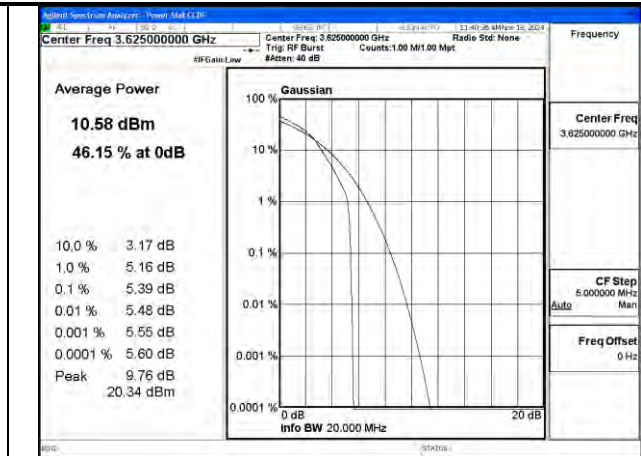


Fig.62

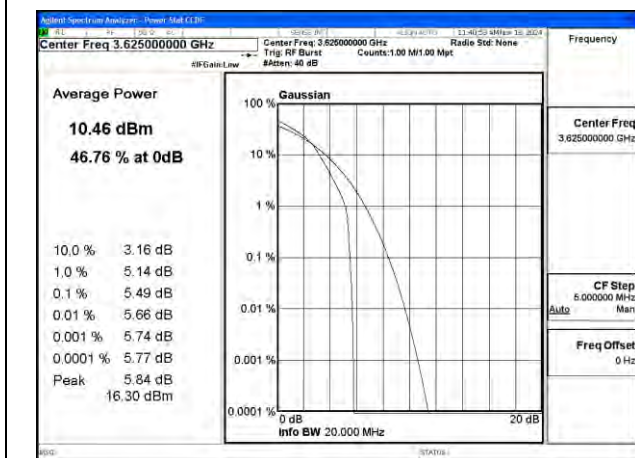


Fig.63

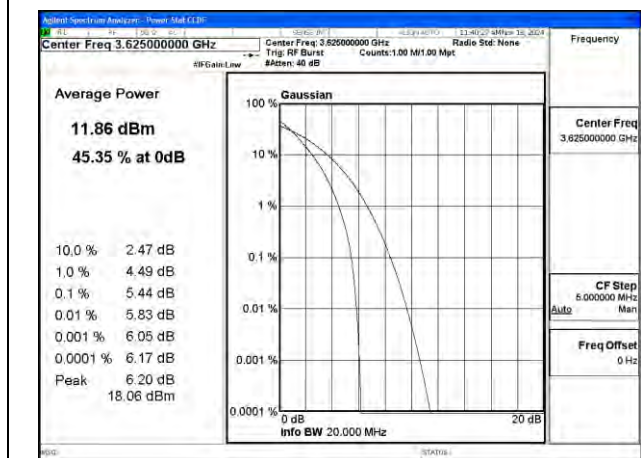


Fig.64

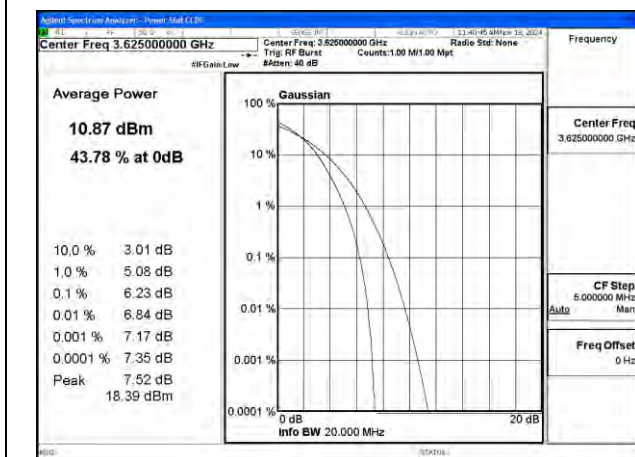


Fig.65

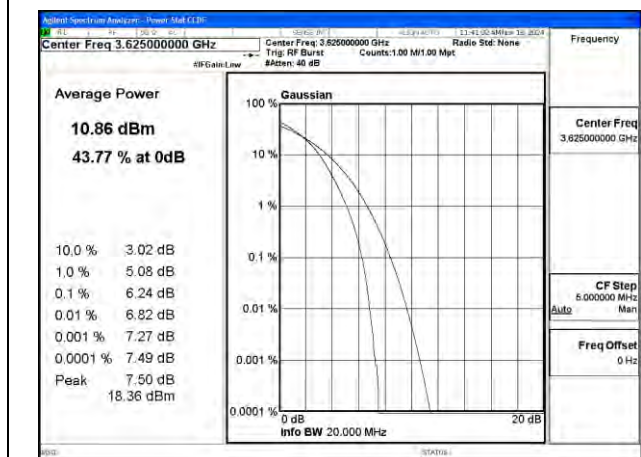


Fig.66

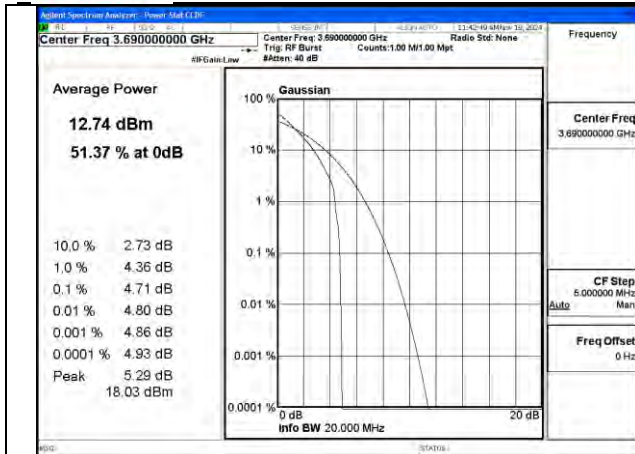


Fig.67

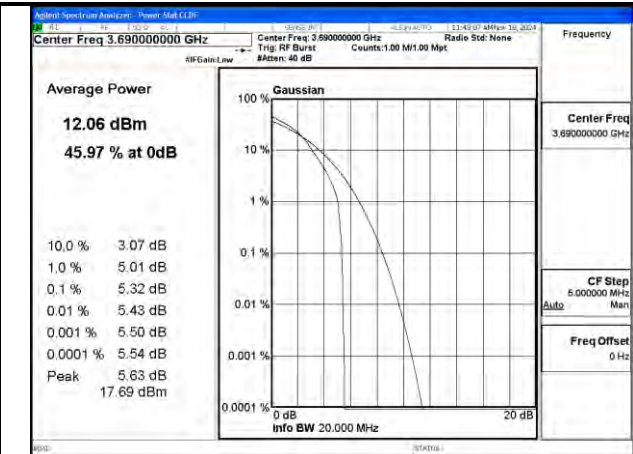


Fig.68

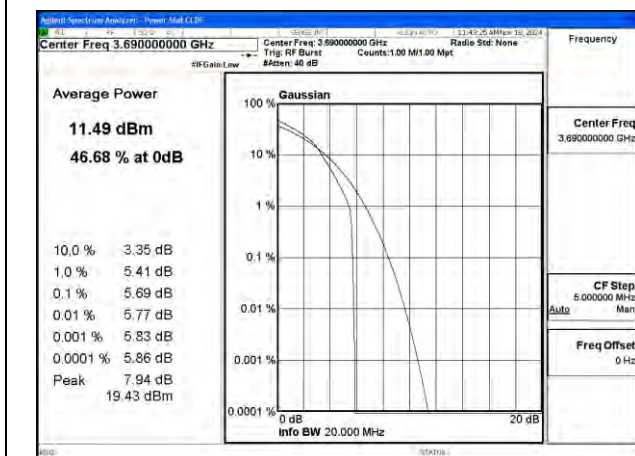


Fig.69

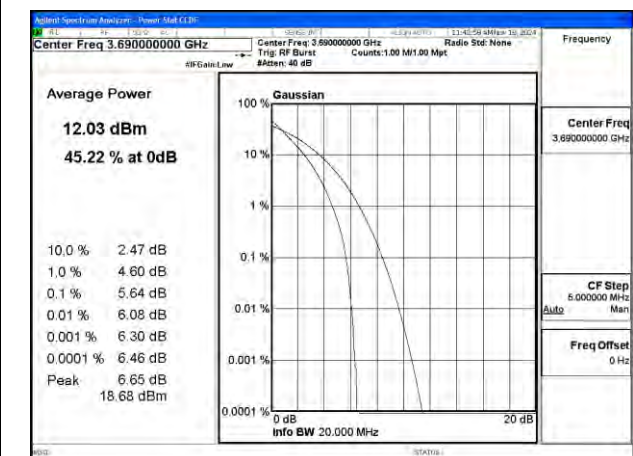


Fig.70

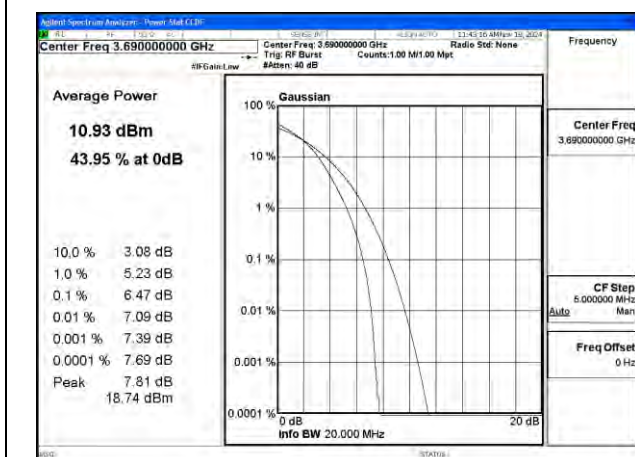


Fig.71

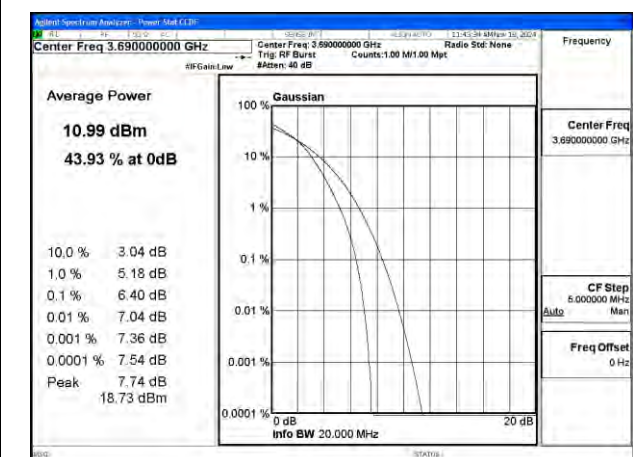


Fig.72



5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
48	3552.5	55265	5	1	0	Fig.1
48	3625	55990	5	1	0	Fig.2
48	3697.5	56715	5	1	0	Fig.3
48	3555	55290	10	1	0	Fig.4
48	3625	55990	10	1	0	Fig.5
48	3695	56690	10	1	0	Fig.6
48	3557.5	55315	15	1	0	Fig.7
48	3625	55990	15	1	0	Fig.8
48	3692.5	56665	15	1	0	Fig.9
48	3560	55340	20	1	0	Fig.10
48	3625	55990	20	1	0	Fig.11
48	3690	56640	20	1	0	Fig.12



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No.: PBJ-NQN2412130113RF01
FCC ID: 2AANY-IR624

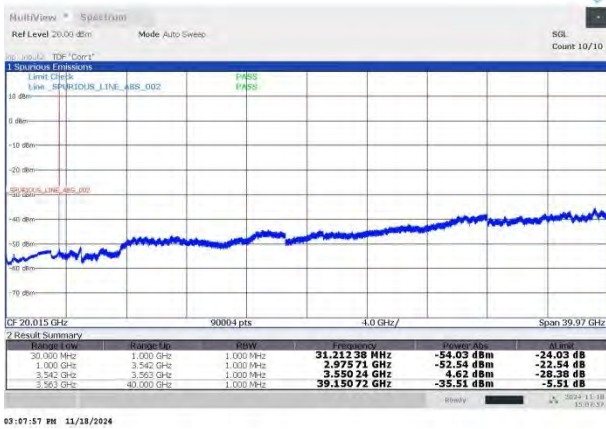


Fig.1

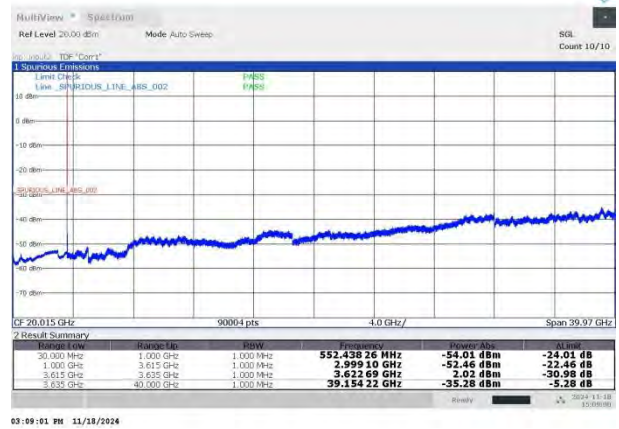


Fig.2

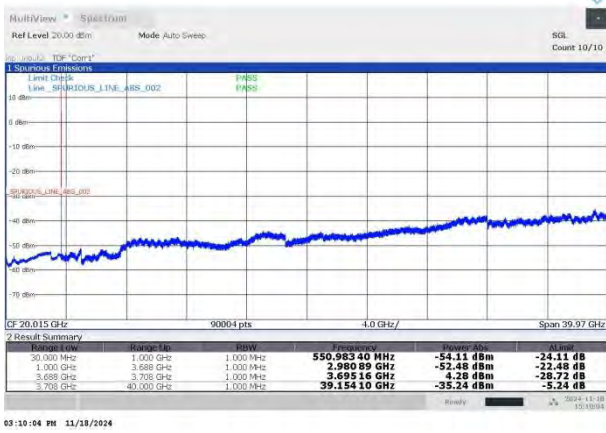


Fig.3

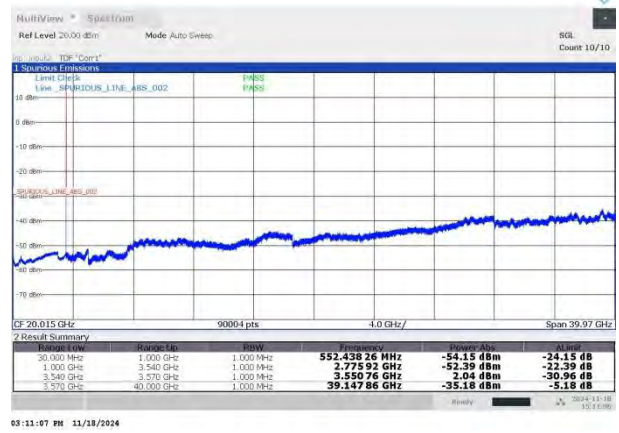


Fig.4

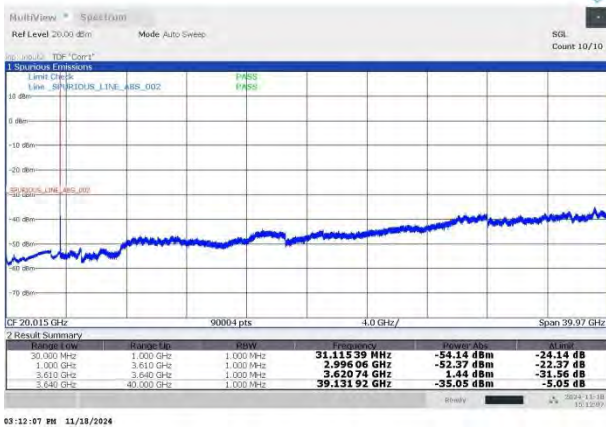


Fig.5

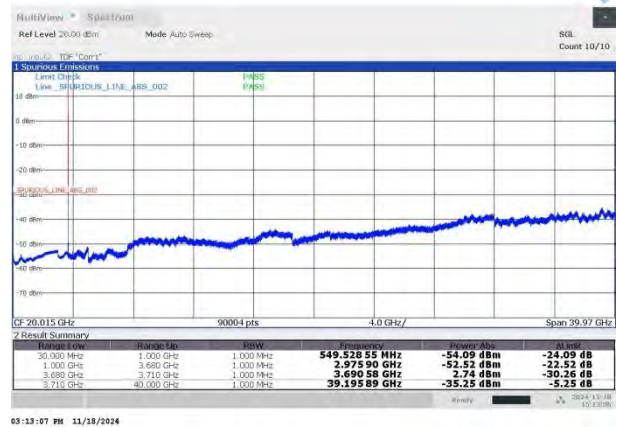


Fig.6



Fig.7



Fig.8

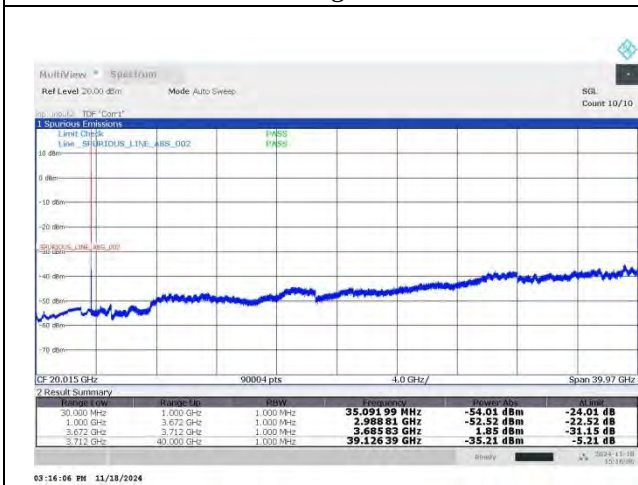


Fig.9

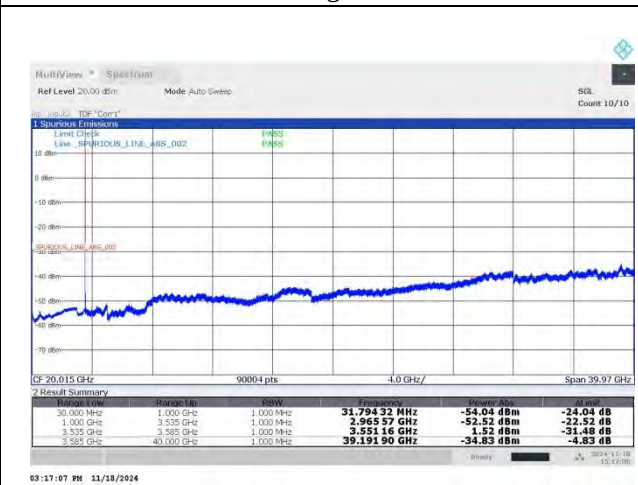


Fig.10

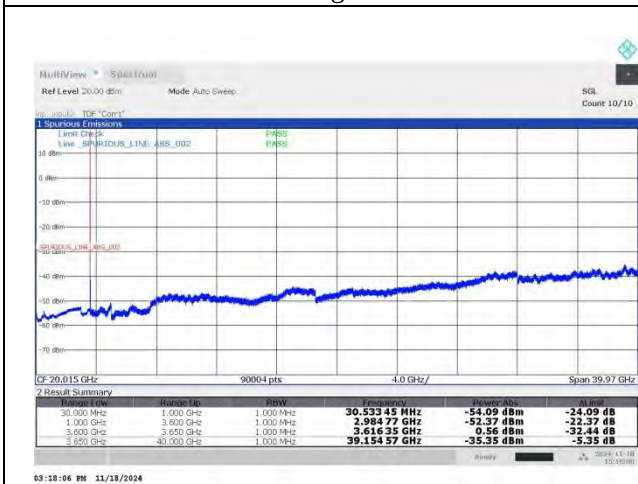


Fig.11

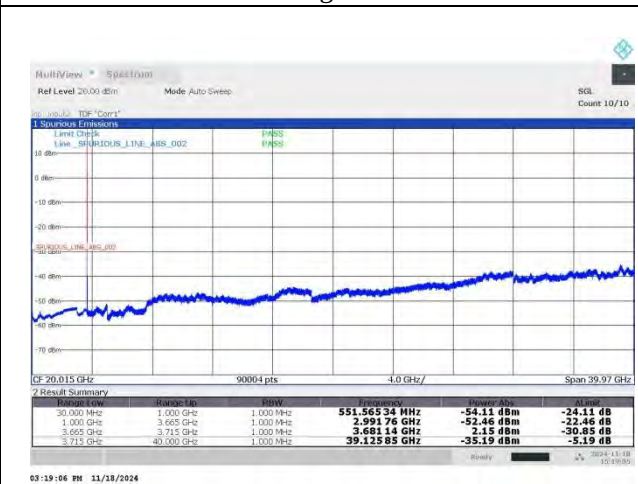


Fig.12



Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						16QAM
48	3552.5	55265	5	1	0	Fig.13
48	3625	55990	5	1	0	Fig.14
48	3697.5	56715	5	1	0	Fig.15
48	3555	55290	10	1	0	Fig.16
48	3625	55990	10	1	0	Fig.17
48	3695	56690	10	1	0	Fig.18
48	3557.5	55315	15	1	0	Fig.19
48	3625	55990	15	1	0	Fig.20
48	3692.5	56665	15	1	0	Fig.21
48	3560	55340	20	1	0	Fig.22
48	3625	55990	20	1	0	Fig.23
48	3690	56640	20	1	0	Fig.24



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VERITAS

No.: PBJ-NQN2412130113RF01
FCC ID: 2AANY-IR624

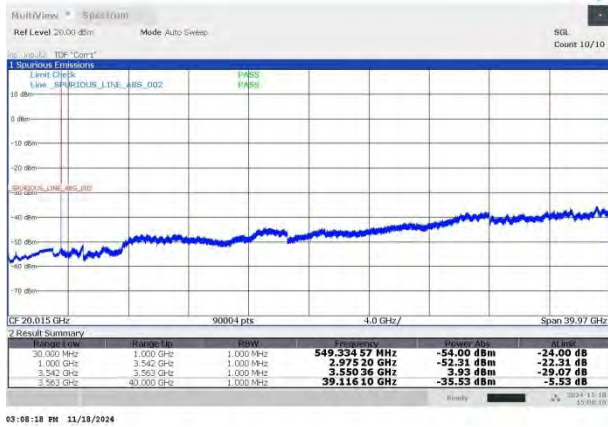


Fig.13

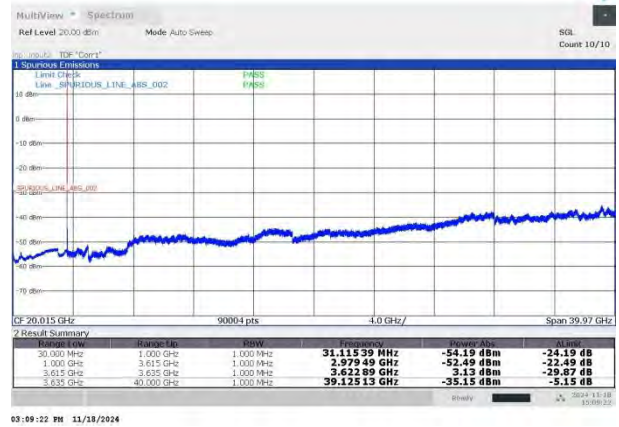


Fig.14

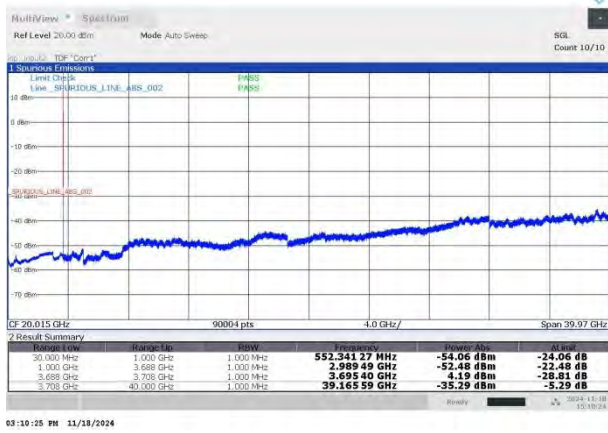


Fig.15

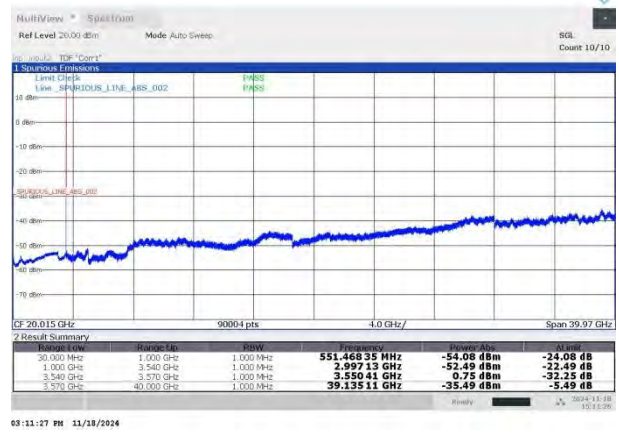


Fig.16

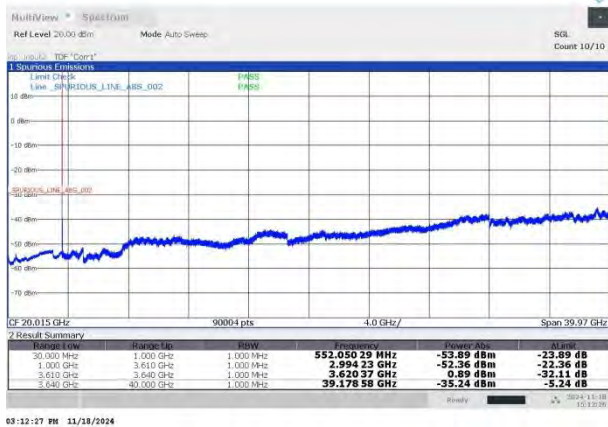


Fig.17

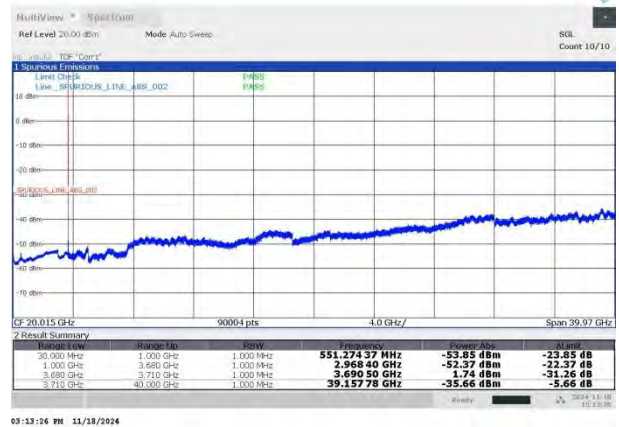


Fig.18



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VERITAS

No.: PBJ-NQN2412130113RF01
FCC ID: 2AANY-IR624



Fig.19



Fig.20

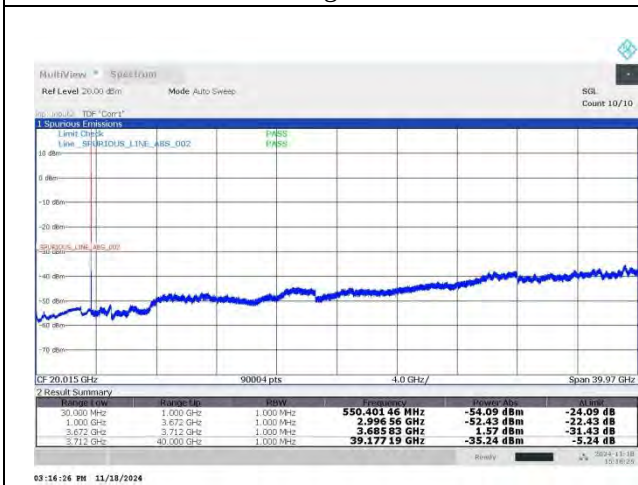


Fig.21

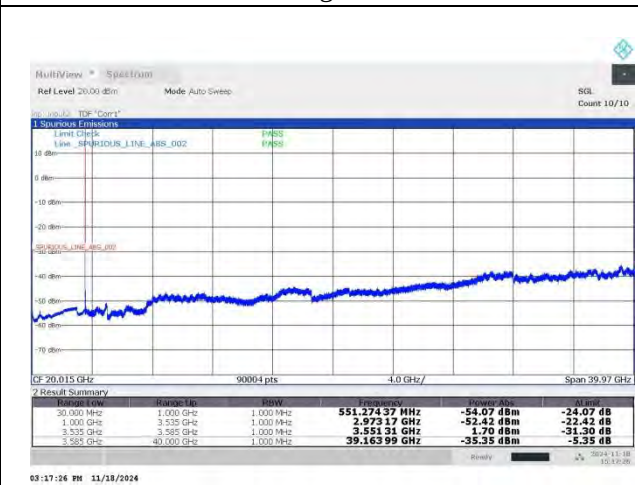


Fig.22

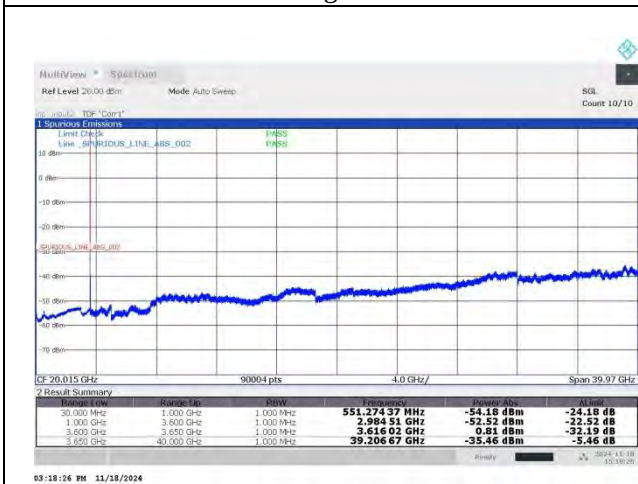


Fig.23

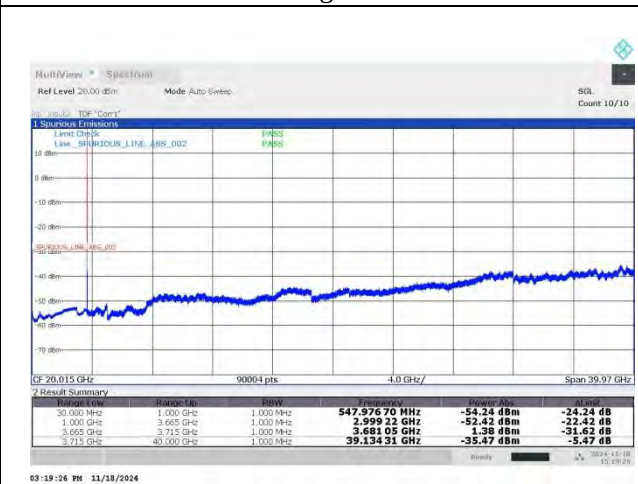


Fig.24



Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						64QAM
48	3552.5	55265	5	1	0	Fig.25
48	3625	55990	5	1	0	Fig.26
48	3697.5	56715	5	1	0	Fig.27
48	3555	55290	10	1	0	Fig.28
48	3625	55990	10	1	0	Fig.29
48	3695	56690	10	1	0	Fig.30
48	3557.5	55315	15	1	0	Fig.31
48	3625	55990	15	1	0	Fig.32
48	3692.5	56665	15	1	0	Fig.33
48	3560	55340	20	1	0	Fig.34
48	3625	55990	20	1	0	Fig.35
48	3690	56640	20	1	0	Fig.36



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No.: PBJ-NQN2412130113RF01
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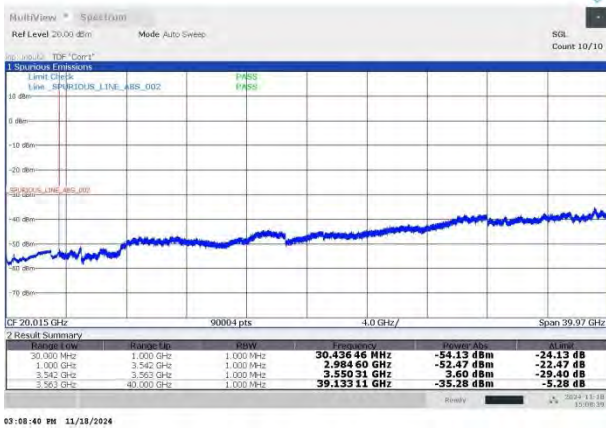


Fig.25

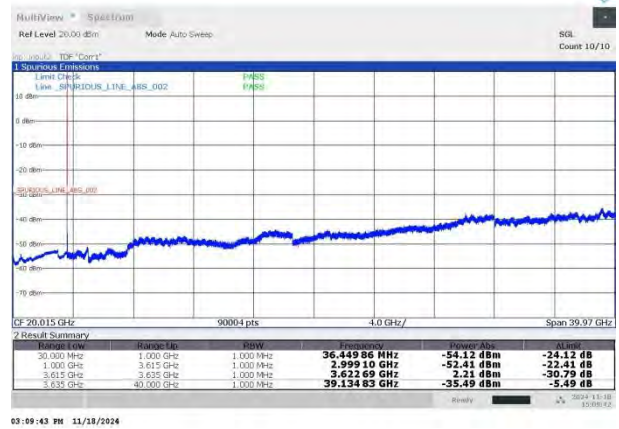


Fig.26

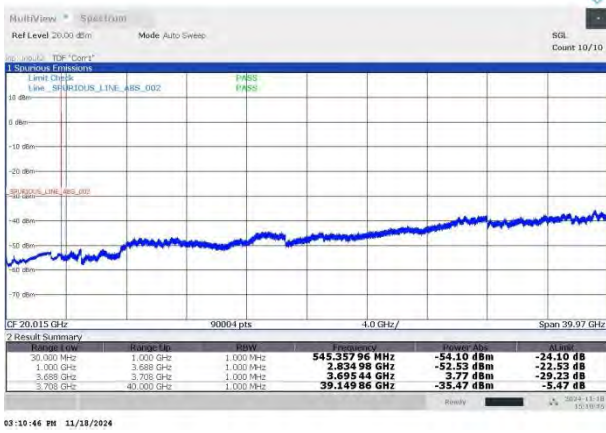


Fig.27

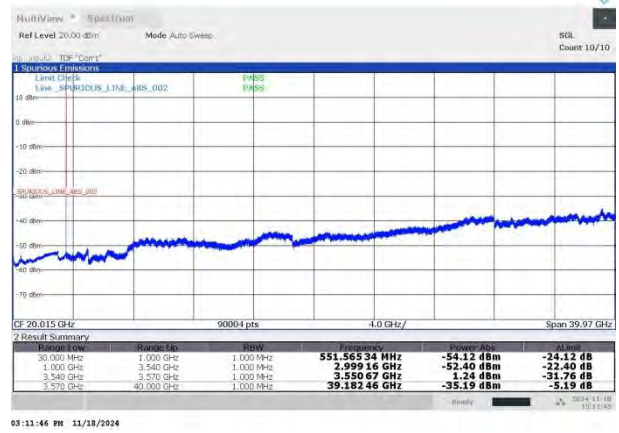


Fig.28

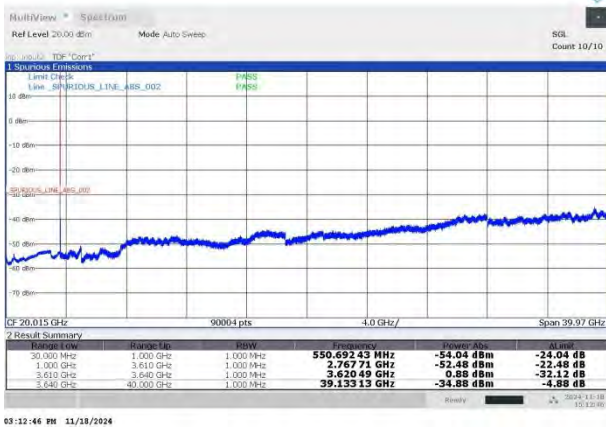


Fig.29

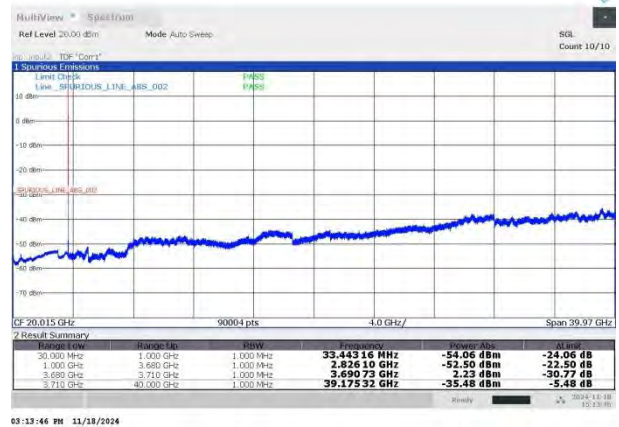


Fig.30



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Fig.31



Fig.32

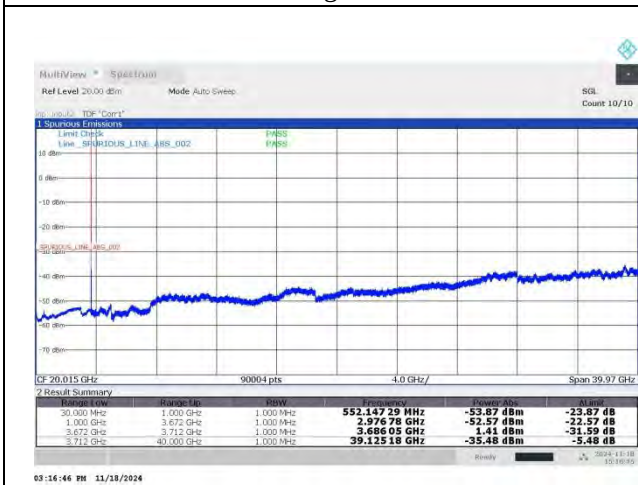


Fig.33

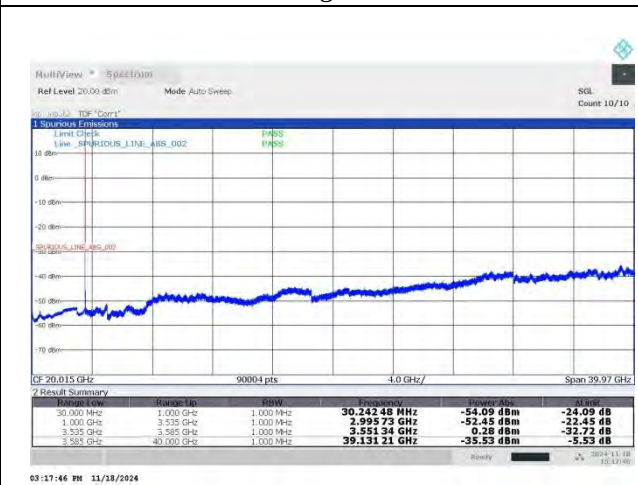


Fig.34

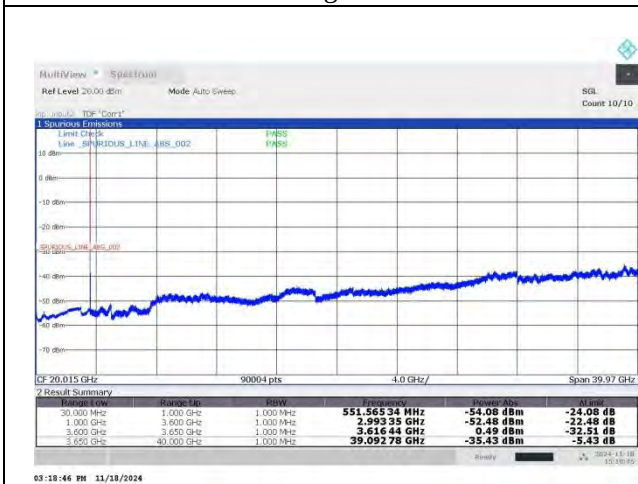


Fig.35

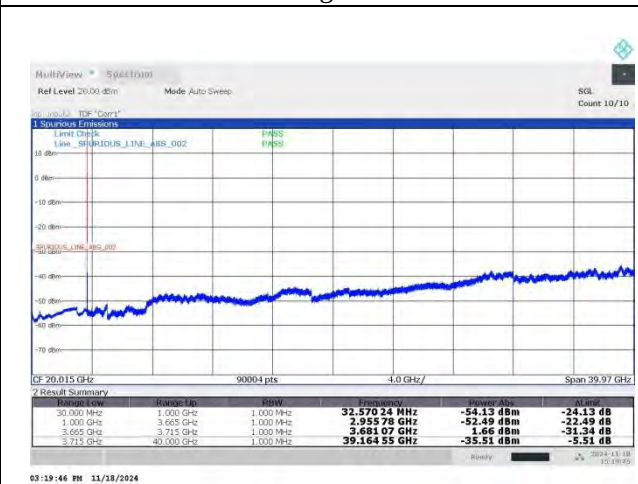


Fig.36



6 Band Edges Compliance

Band	Mode	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
48	QPSK	3552.5	55265	5	1	0	Fig.1
48	QPSK	3552.5	55265	5	25	0	Fig.2
48	QPSK	3552.5	55265	5	1	24	Fig.3
48	QPSK	3697.5	56715	5	1	24	Fig.4
48	QPSK	3697.5	56715	5	25	0	Fig.5
48	QPSK	3697.5	56715	5	1	0	Fig.6
48	QPSK	3555	55290	10	1	0	Fig.7
48	QPSK	3555	55290	10	50	0	Fig.8
48	QPSK	3555	55290	10	1	49	Fig.9
48	QPSK	3695	56690	10	1	49	Fig.10
48	QPSK	3695	56690	10	50	0	Fig.11
48	QPSK	3695	56690	10	1	0	Fig.12
48	QPSK	3557.5	55315	15	1	0	Fig.13
48	QPSK	3557.5	55315	15	75	0	Fig.14
48	QPSK	3557.5	55315	15	1	74	Fig.15
48	QPSK	3692.5	56665	15	1	74	Fig.16
48	QPSK	3692.5	56665	15	75	0	Fig.17
48	QPSK	3692.5	56665	15	1	0	Fig.18
48	QPSK	3560	55340	20	1	0	Fig.19
48	QPSK	3560	55340	20	100	0	Fig.20
48	QPSK	3560	55340	20	1	99	Fig.21
48	QPSK	3690	56640	20	1	99	Fig.22
48	QPSK	3690	56640	20	100	0	Fig.23
48	QPSK	3690	56640	20	1	0	Fig.24



Band	Mode	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
48	16QAM	3552.5	55265	5	1	0	Fig.25
48	16QAM	3552.5	55265	5	25	0	Fig.26
48	16QAM	3552.5	55265	5	1	24	Fig.27
48	16QAM	3697.5	56715	5	1	24	Fig.28
48	16QAM	3697.5	56715	5	25	0	Fig.29
48	16QAM	3697.5	56715	5	1	0	Fig.30
48	16QAM	3555	55290	10	1	0	Fig.31
48	16QAM	3555	55290	10	50	0	Fig.32
48	16QAM	3555	55290	10	1	49	Fig.33
48	16QAM	3695	56690	10	1	49	Fig.34
48	16QAM	3695	56690	10	50	0	Fig.35
48	16QAM	3695	56690	10	1	0	Fig.36
48	16QAM	3557.5	55315	15	1	0	Fig.37
48	16QAM	3557.5	55315	15	75	0	Fig.38
48	16QAM	3557.5	55315	15	1	74	Fig.39
48	16QAM	3692.5	56665	15	1	74	Fig.40
48	16QAM	3692.5	56665	15	75	0	Fig.41
48	16QAM	3692.5	56665	15	1	0	Fig.42
48	16QAM	3560	55340	20	1	0	Fig.43
48	16QAM	3560	55340	20	100	0	Fig.44
48	16QAM	3560	55340	20	1	99	Fig.45
48	16QAM	3690	56640	20	1	99	Fig.46
48	16QAM	3690	56640	20	100	0	Fig.47
48	16QAM	3690	56640	20	1	0	Fig.48



Band	Mode	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
48	64QAM	3552.5	55265	5	1	0	Fig.49
48	64QAM	3552.5	55265	5	25	0	Fig.50
48	64QAM	3552.5	55265	5	1	24	Fig.51
48	64QAM	3697.5	56715	5	1	24	Fig.52
48	64QAM	3697.5	56715	5	25	0	Fig.53
48	64QAM	3697.5	56715	5	1	0	Fig.54
48	64QAM	3555	55290	10	1	0	Fig.55
48	64QAM	3555	55290	10	50	0	Fig.56
48	64QAM	3555	55290	10	1	49	Fig.57
48	64QAM	3695	56690	10	1	49	Fig.58
48	64QAM	3695	56690	10	50	0	Fig.59
48	64QAM	3695	56690	10	1	0	Fig.60
48	64QAM	3557.5	55315	15	1	0	Fig.61
48	64QAM	3557.5	55315	15	75	0	Fig.62
48	64QAM	3557.5	55315	15	1	74	Fig.63
48	64QAM	3692.5	56665	15	1	74	Fig.64
48	64QAM	3692.5	56665	15	75	0	Fig.65
48	64QAM	3692.5	56665	15	1	0	Fig.66
48	64QAM	3560	55340	20	1	0	Fig.67
48	64QAM	3560	55340	20	100	0	Fig.68
48	64QAM	3560	55340	20	1	99	Fig.69
48	64QAM	3690	56640	20	1	99	Fig.70
48	64QAM	3690	56640	20	100	0	Fig.71
48	64QAM	3690	56640	20	1	0	Fig.72



Test Mode: QPSK

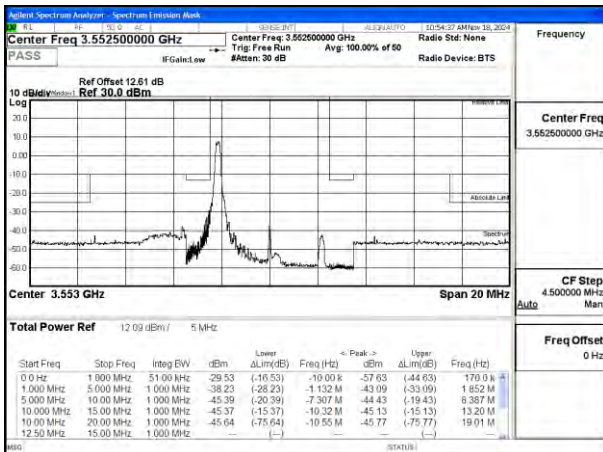


Fig.1

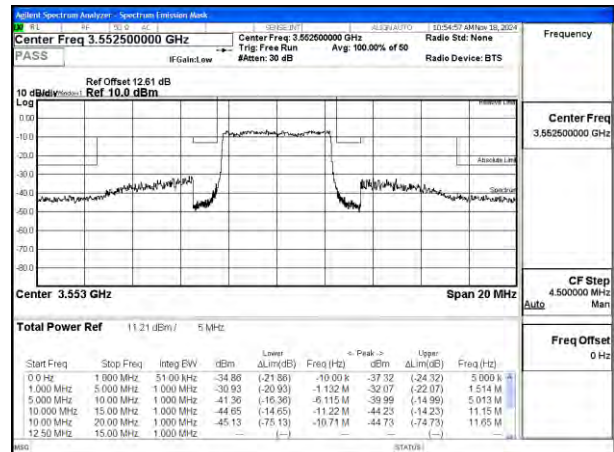


Fig.2



Fig.3

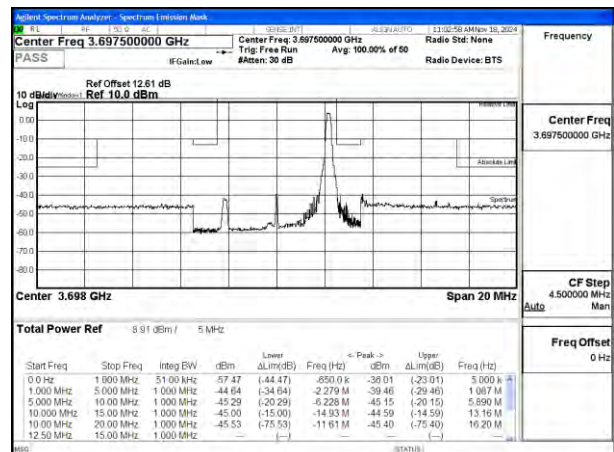


Fig.4

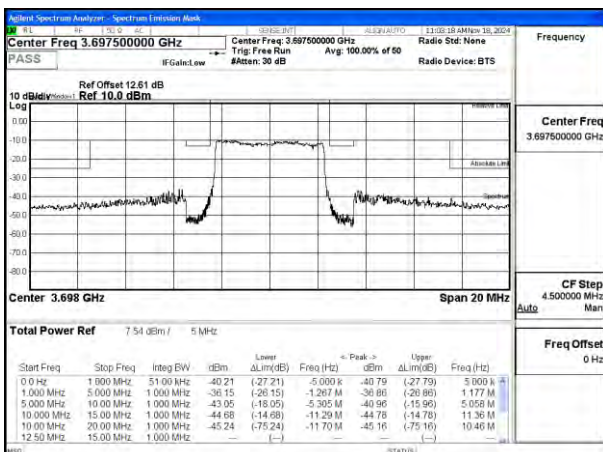


Fig.5



Fig.6



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Fig.7



Fig.8



Fig.9

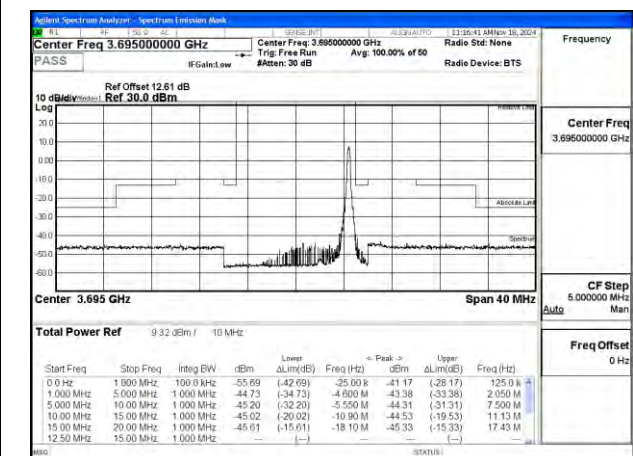


Fig.10

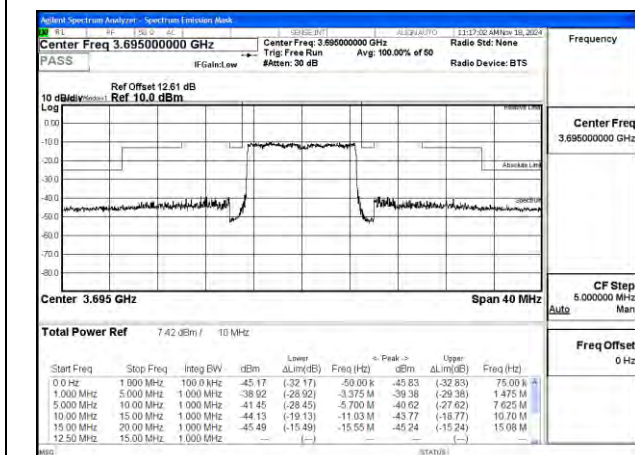


Fig.11



Fig.12



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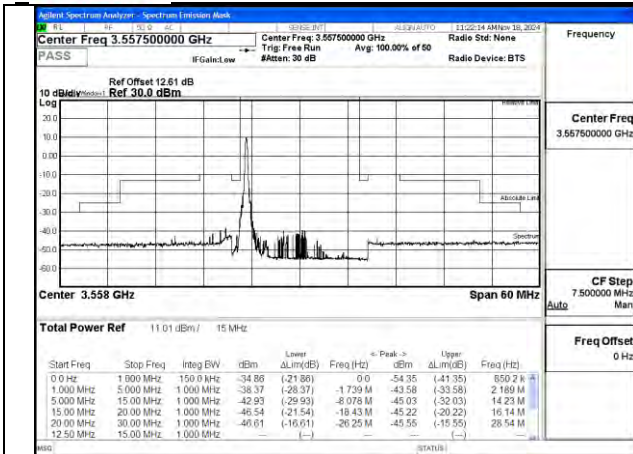


Fig.13

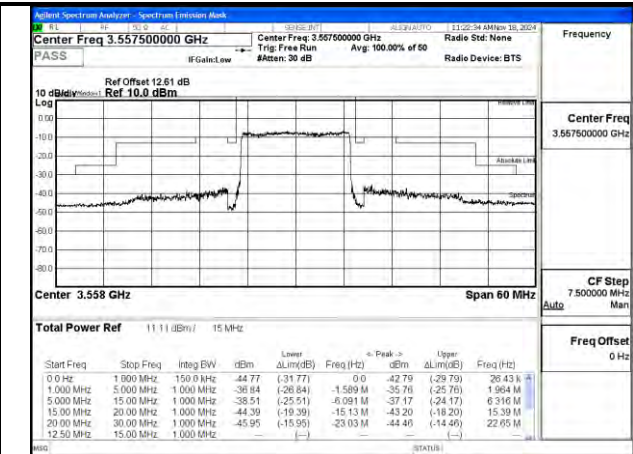


Fig.14



Fig.15

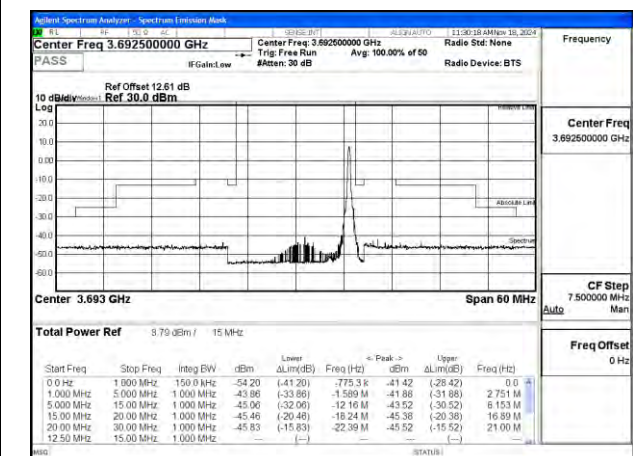


Fig.16

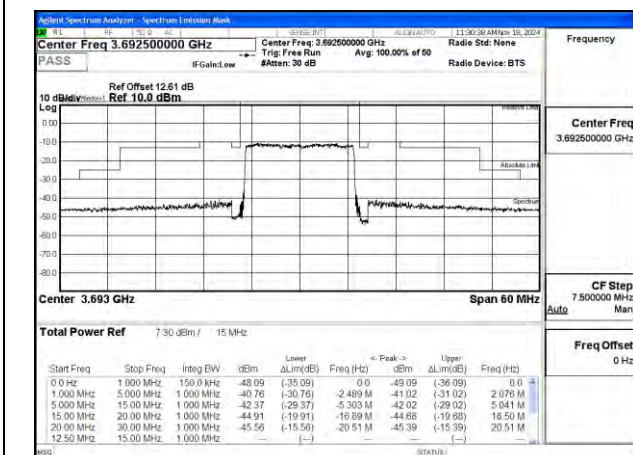


Fig.17

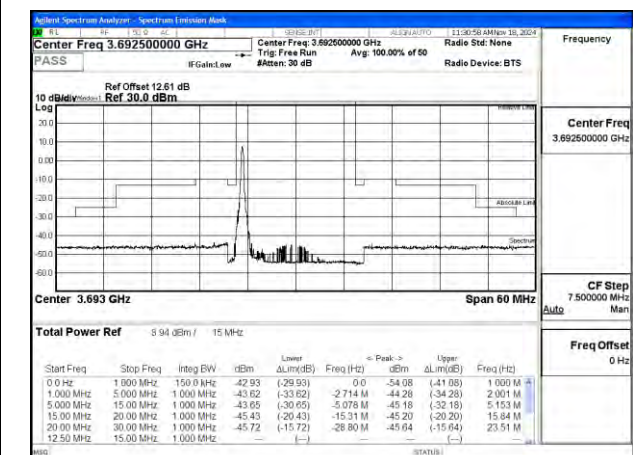


Fig.18



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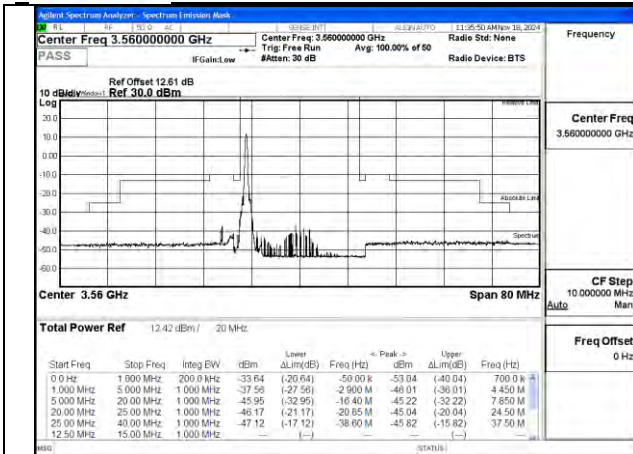


Fig.19

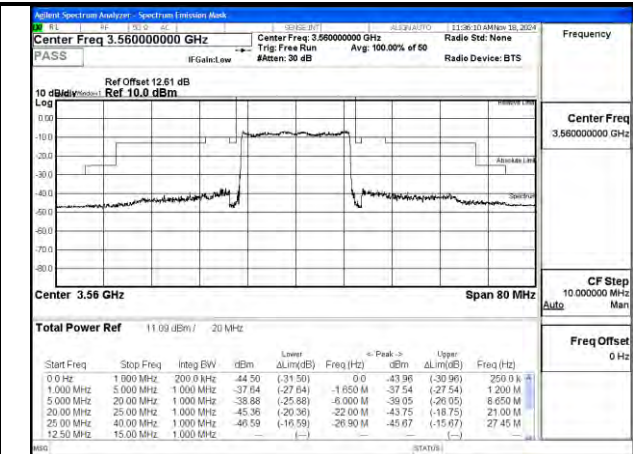


Fig.20



Fig.21

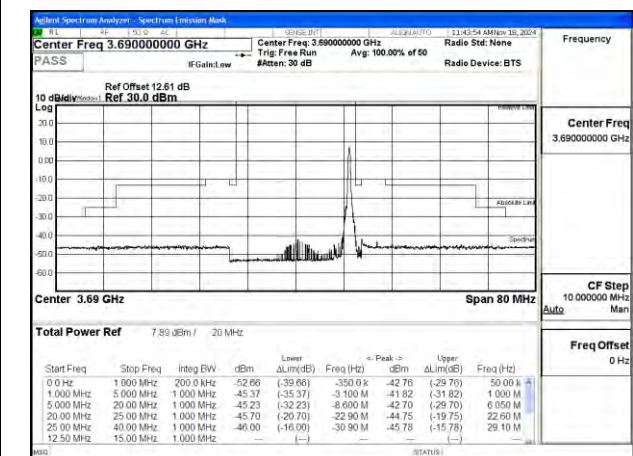


Fig.22

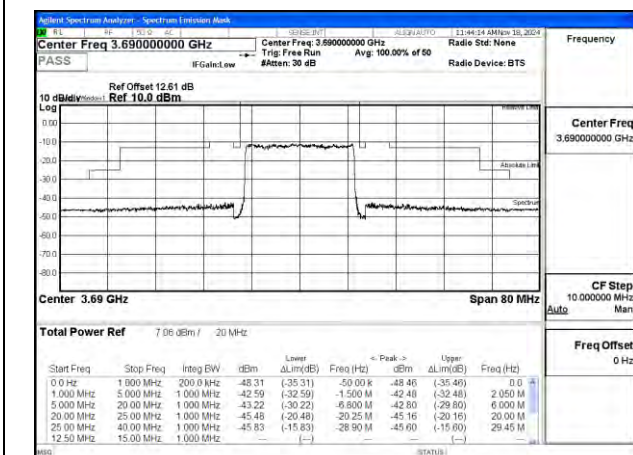


Fig.23

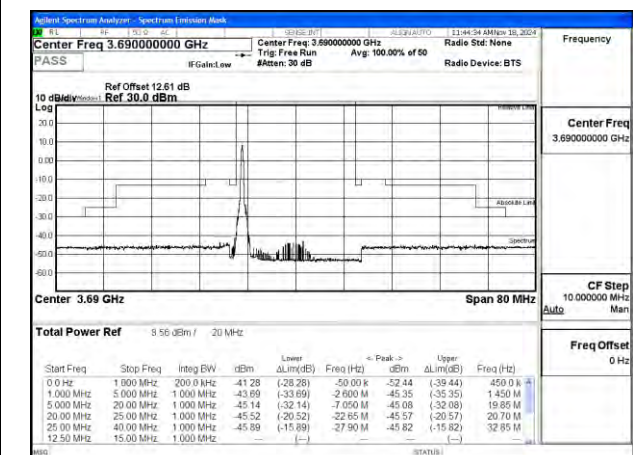


Fig.24



Test Mode: 16QAM



Fig.25

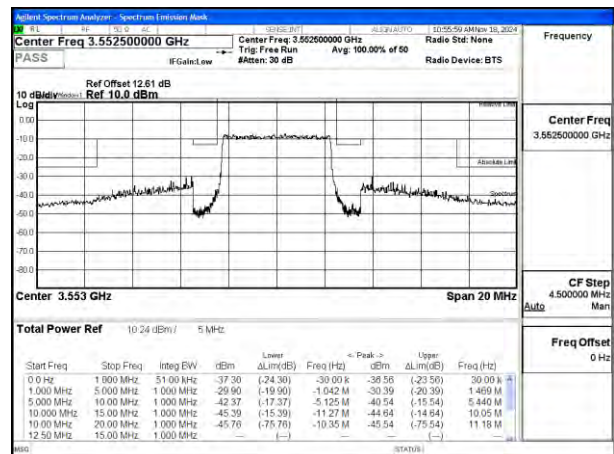


Fig.26



Fig.27



Fig.28

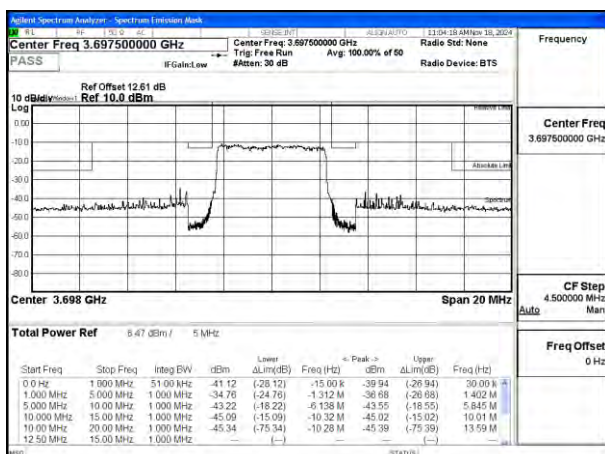


Fig.29

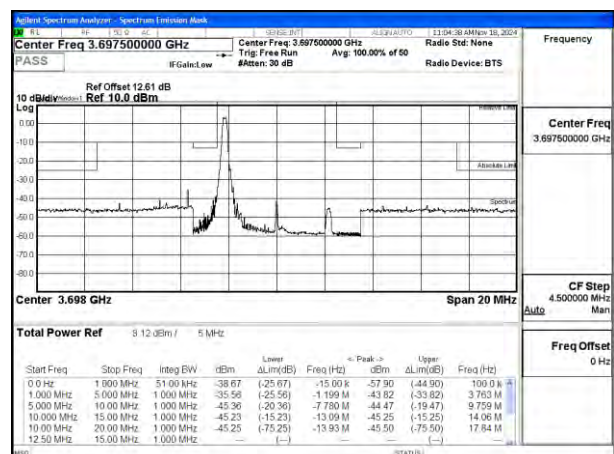


Fig.30



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Fig.31

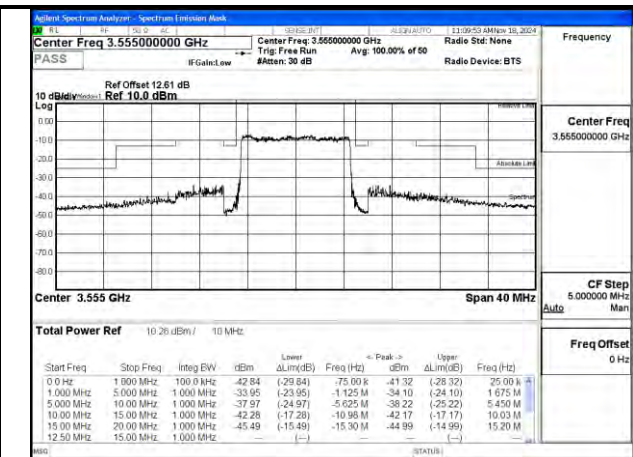


Fig.32

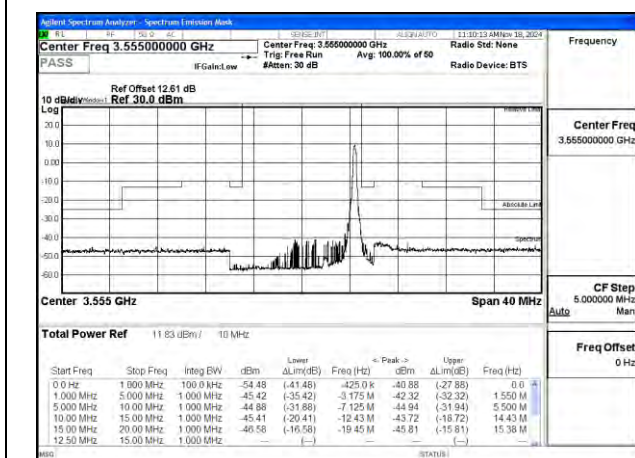


Fig.33



Fig.34

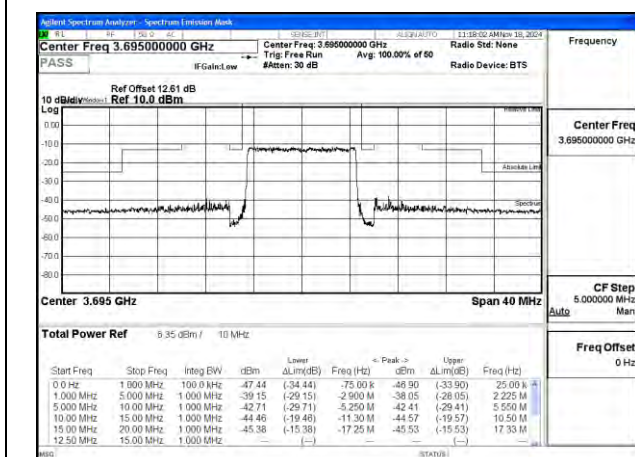


Fig.35

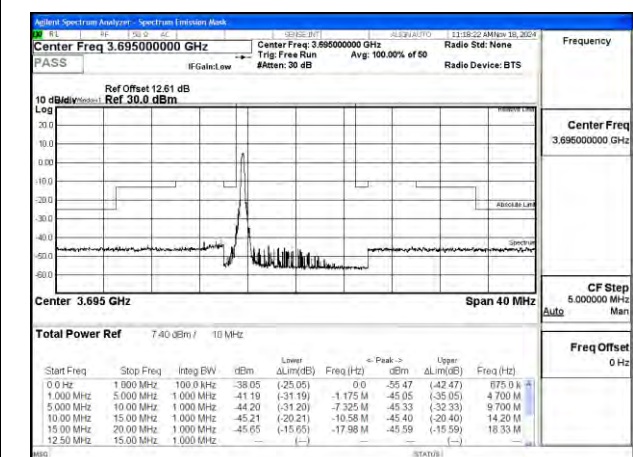


Fig.36



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Fig.37

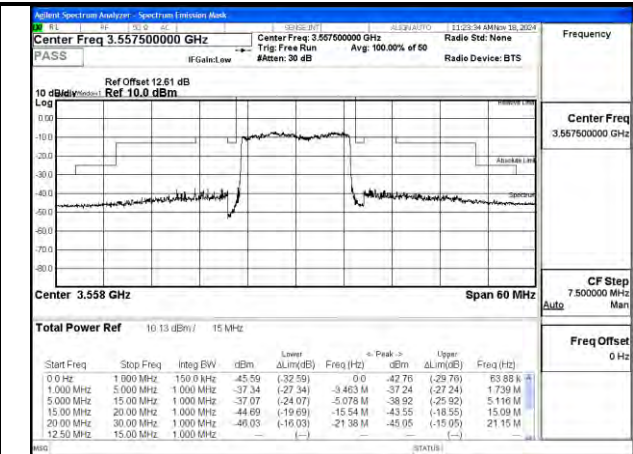


Fig.38



Fig.39

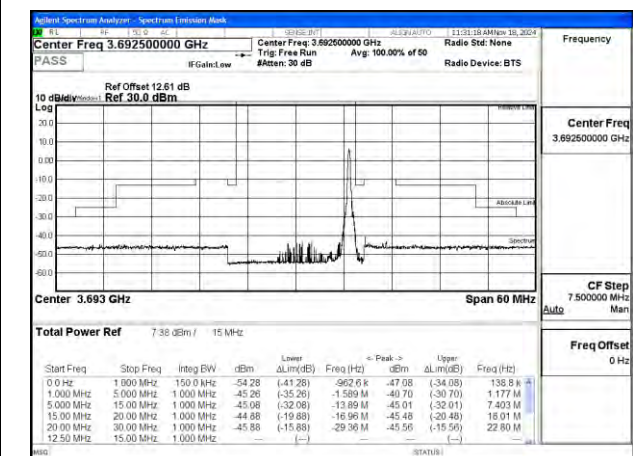


Fig.40



Fig.41



Fig.42



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Fig.43

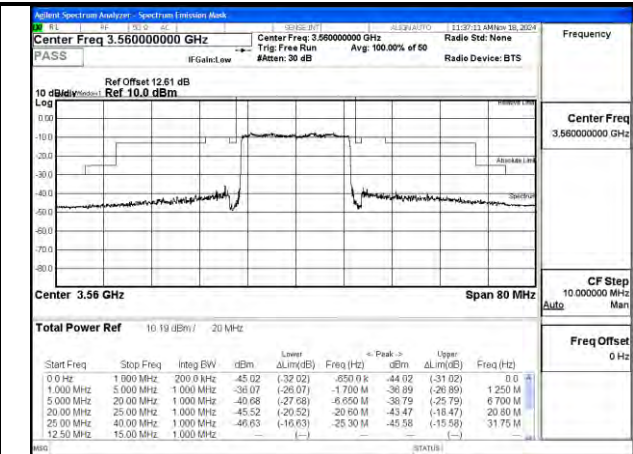


Fig.44



Fig.45

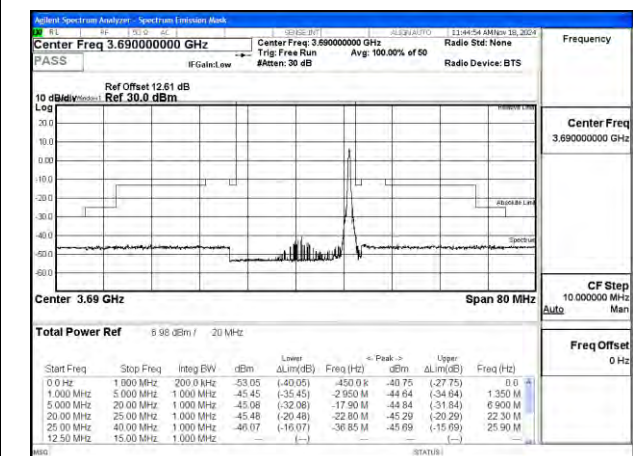


Fig.46

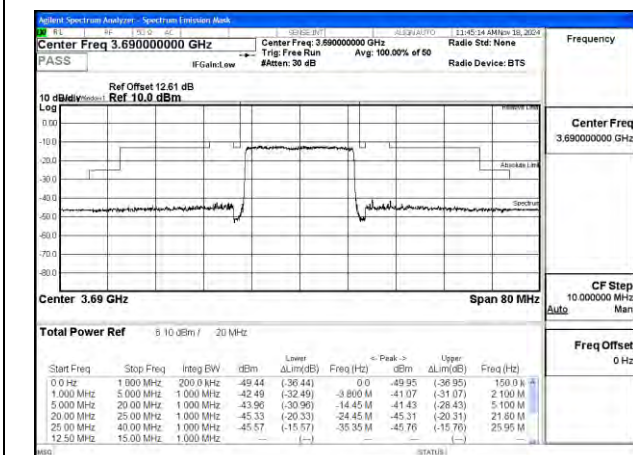


Fig.47

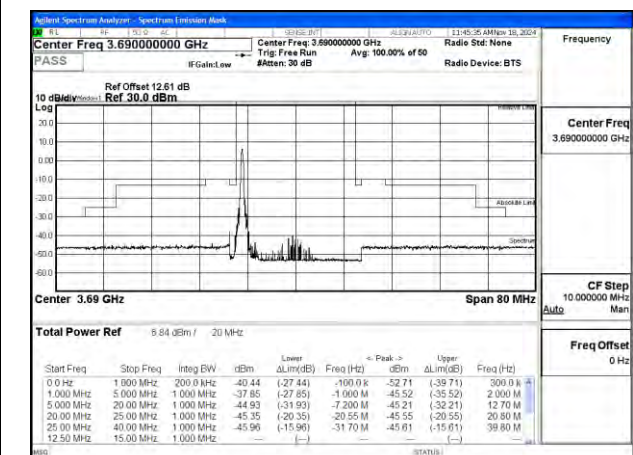


Fig.48



Test Mode: 64QAM



Fig.49

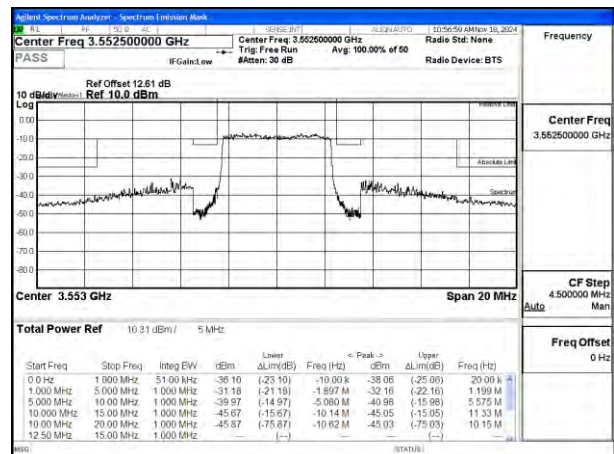


Fig.50



Fig.51

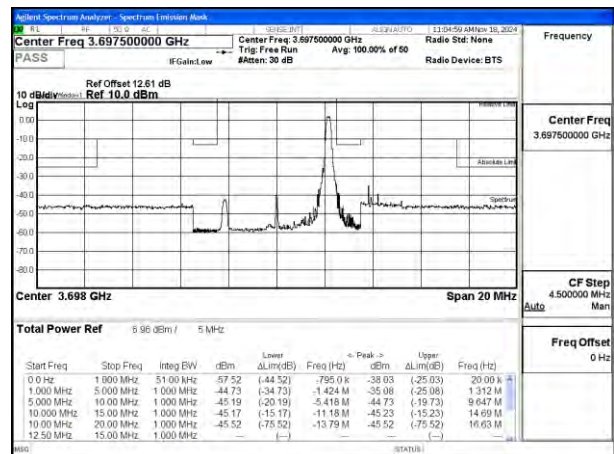


Fig.52

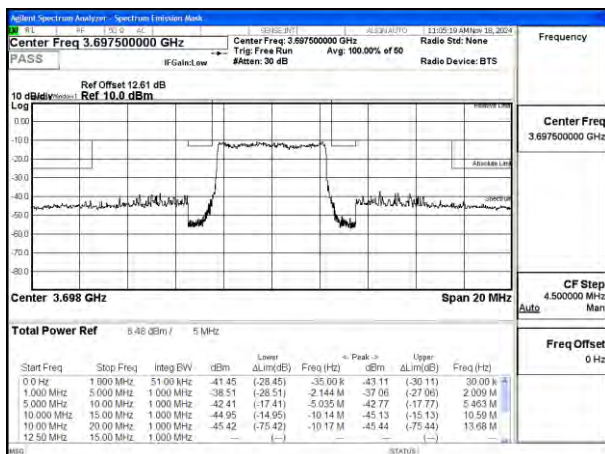


Fig.53

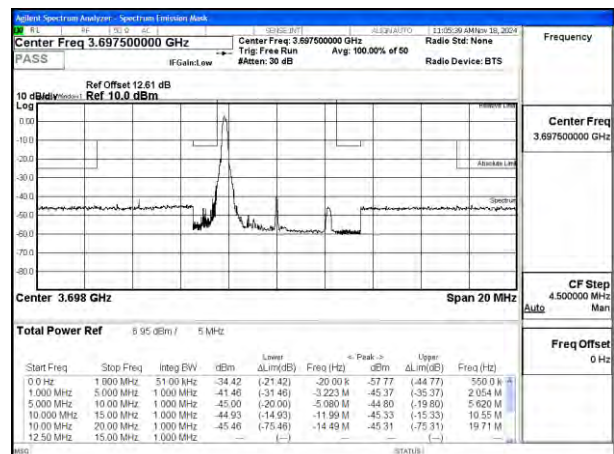


Fig.54



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No.: PBJ-NQN2412130113RF01
FCC ID: 2AANY-IR624

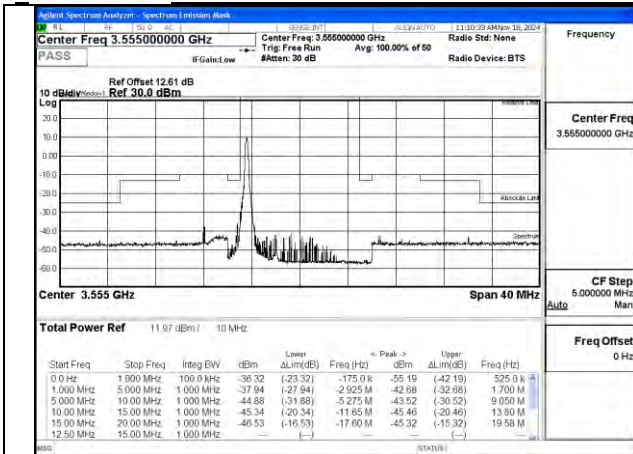


Fig.55

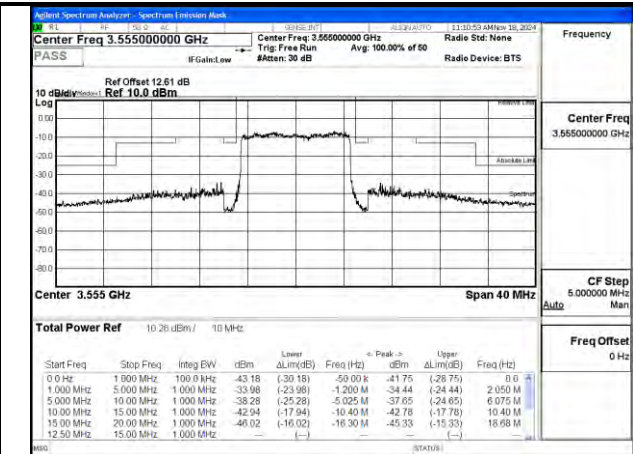


Fig.56



Fig.57

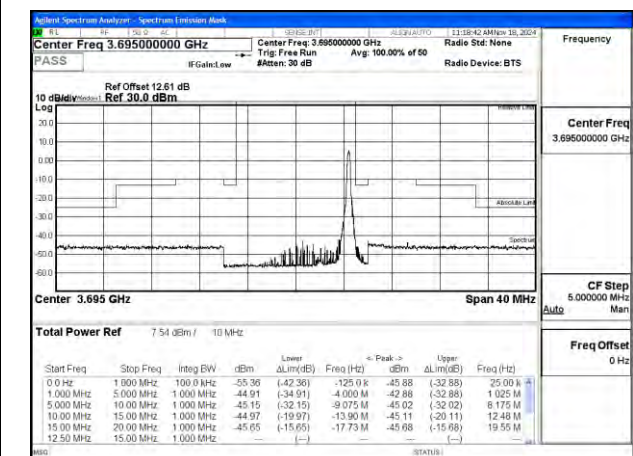


Fig.58

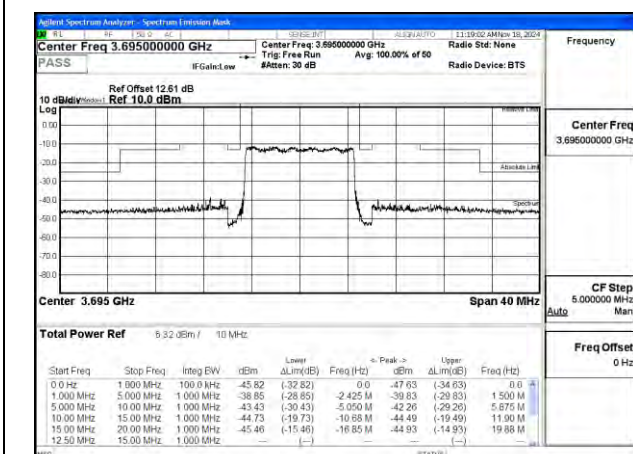


Fig.59

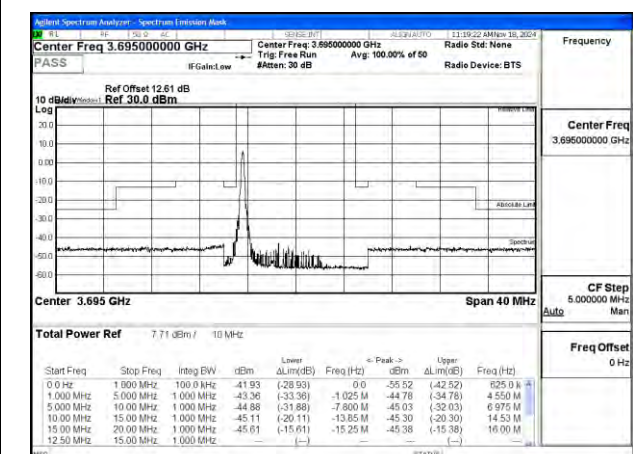


Fig.60



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No.: PBJ-NQN2412130113RF01
FCC ID: 2AANY-IR624

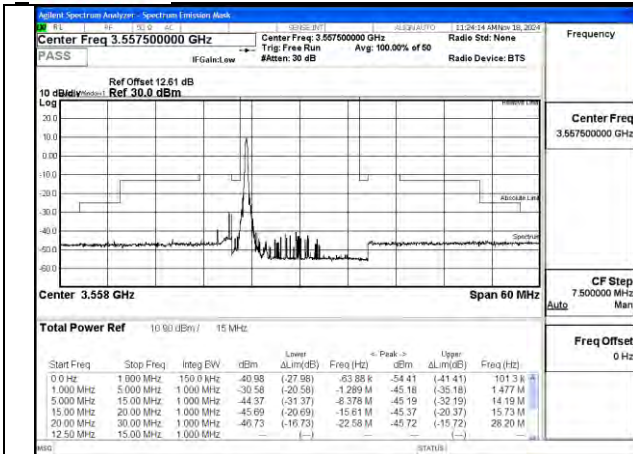


Fig.61

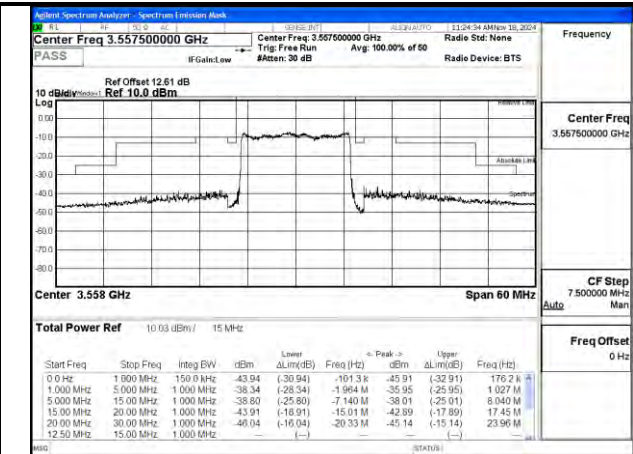


Fig.62

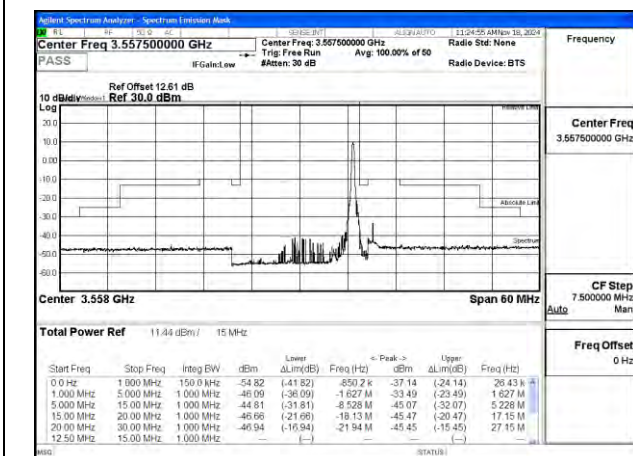


Fig.63

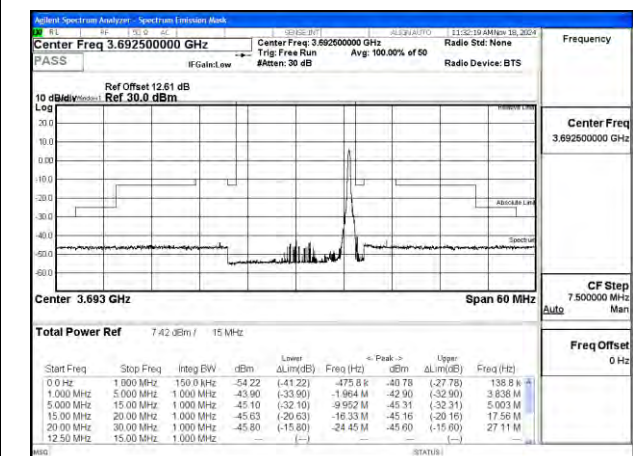


Fig.64

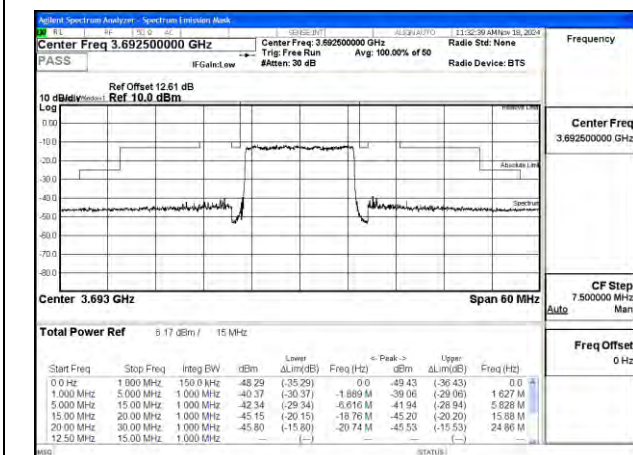


Fig.65

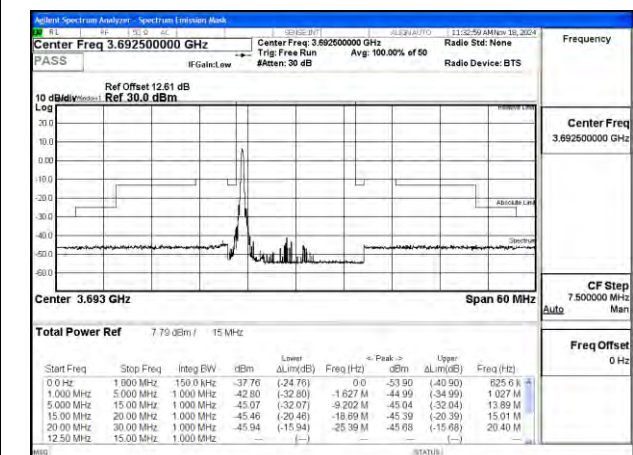


Fig.66



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FCC ID: 2AANY-IR624



Fig.67

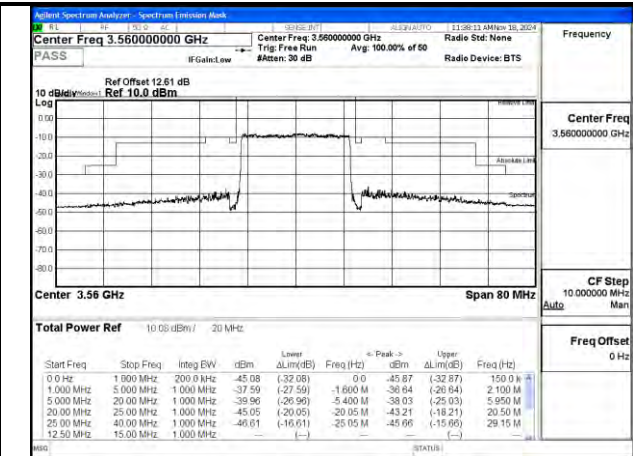


Fig.68

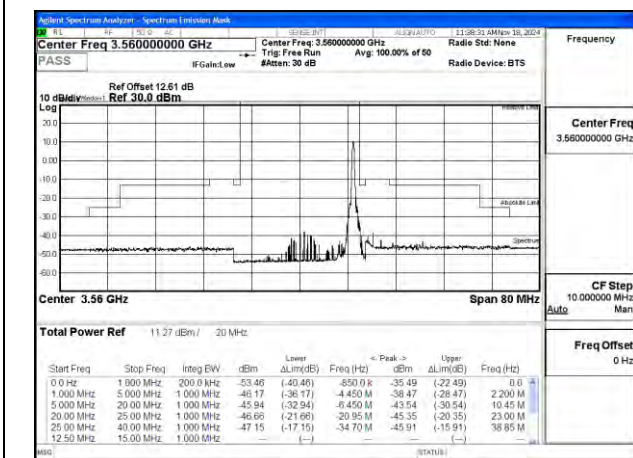


Fig.69

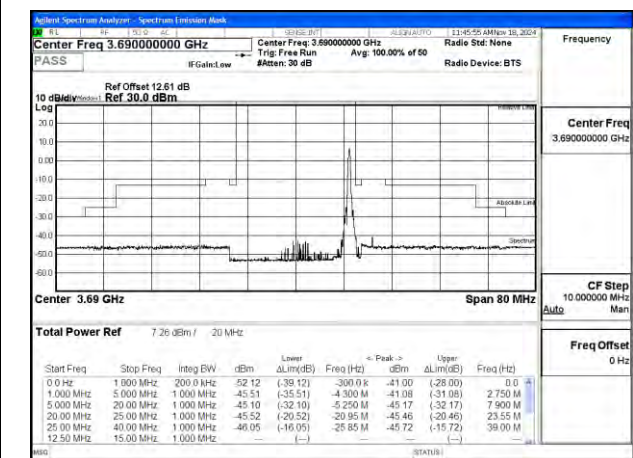


Fig.70

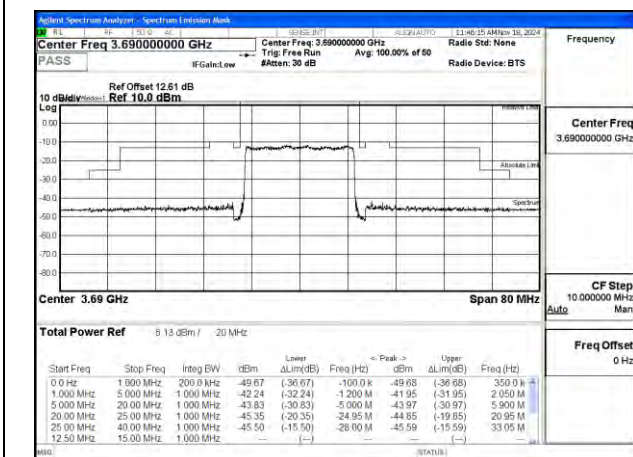


Fig.71

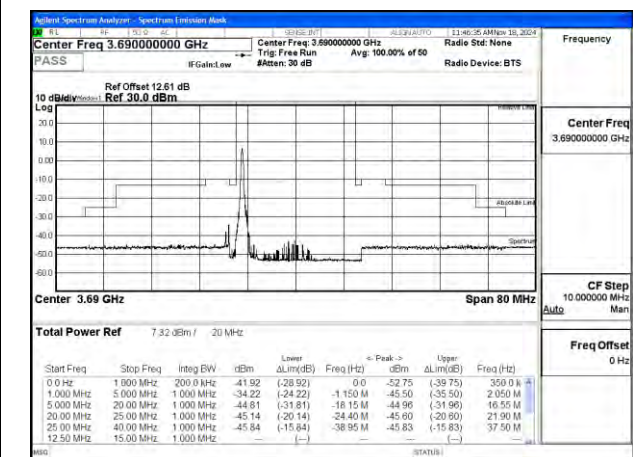


Fig.72



7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 48 Low Channel QPSK			
		5M	10M	15M	20M
-30	NV	-0.001	0.002	0.001	0.001
-20	NV	-0.001	0.001	0.001	-0.002
-10	NV	0.001	0.002	-0.001	-0.002
0	NV	-0.002	0.001	-0.002	0.001
+10	NV	0.000	-0.001	0.001	-0.001
+20	NV	-0.001	0.001	-0.002	0.002
+30	NV	-0.001	0.001	0.001	-0.002
+40	NV	-0.001	0.001	0.001	0.001
+50	NV	-0.002	0.002	-0.002	-0.002
+20	LV	-0.001	-0.001	-0.002	0.001
+20	HV	-0.002	0.001	-0.001	0.001

Temperature(°C)	Voltage	Test Result (ppm) Band 48 High Channel QPSK			
		5M	10M	15M	20M
-30	NV	0.001	0.001	0.000	0.001
-20	NV	0.001	0.000	-0.001	0.001
-10	NV	0.001	0.000	0.001	-0.002
0	NV	0.001	0.001	0.001	0.001
+10	NV	0.000	0.001	0.001	-0.002
+20	NV	-0.001	0.001	0.001	-0.002
+30	NV	0.000	0.001	0.001	0.000
+40	NV	-0.001	-0.001	-0.001	0.001
+50	NV	0.000	0.001	0.002	-0.002
+20	LV	-0.001	0.000	-0.001	0.002
+20	HV	0.001	0.001	-0.001	0.001



8 Effective Radiated Power and Effective Isotropic Radiated Power

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	3552.5	55265	5	1	0	23.20	22.50	0.178
QPSK	3552.5	55265	5	1	12	23.40	22.70	0.186
QPSK	3552.5	55265	5	1	24	23.35	22.65	0.184
QPSK	3552.5	55265	5	12	0	22.45	21.75	0.150
QPSK	3552.5	55265	5	12	7	22.43	21.73	0.149
QPSK	3552.5	55265	5	12	13	22.48	21.78	0.151
QPSK	3552.5	55265	5	25	0	22.44	21.74	0.149
QPSK	3625	55990	5	1	0	23.35	22.65	0.184
QPSK	3625	55990	5	1	12	23.55	22.85	0.193
QPSK	3625	55990	5	1	24	23.40	22.70	0.186
QPSK	3625	55990	5	12	0	22.28	21.58	0.144
QPSK	3625	55990	5	12	7	22.49	21.79	0.151
QPSK	3625	55990	5	12	13	22.46	21.76	0.150
QPSK	3625	55990	5	25	0	22.43	21.73	0.149
QPSK	3697.5	56715	5	1	0	23.29	22.59	0.182
QPSK	3697.5	56715	5	1	12	23.51	22.81	0.191
QPSK	3697.5	56715	5	1	24	23.50	22.80	0.191
QPSK	3697.5	56715	5	12	0	22.34	21.64	0.146
QPSK	3697.5	56715	5	12	7	22.36	21.66	0.147
QPSK	3697.5	56715	5	12	13	22.30	21.60	0.145
QPSK	3697.5	56715	5	25	0	22.29	21.59	0.144



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	3552.5	55265	5	1	0	22.80	22.10	0.162
16QAM	3552.5	55265	5	1	12	23.14	22.44	0.175
16QAM	3552.5	55265	5	1	24	22.99	22.29	0.169
16QAM	3552.5	55265	5	12	0	21.47	20.77	0.119
16QAM	3552.5	55265	5	12	7	21.55	20.85	0.122
16QAM	3552.5	55265	5	12	13	21.50	20.80	0.120
16QAM	3552.5	55265	5	25	0	21.44	20.74	0.119
16QAM	3625	55990	5	1	0	22.77	22.07	0.161
16QAM	3625	55990	5	1	12	22.67	21.97	0.157
16QAM	3625	55990	5	1	24	22.71	22.01	0.159
16QAM	3625	55990	5	12	0	21.36	20.66	0.116
16QAM	3625	55990	5	12	7	21.55	20.85	0.122
16QAM	3625	55990	5	12	13	21.50	20.80	0.120
16QAM	3625	55990	5	25	0	21.47	20.77	0.119
16QAM	3697.5	56715	5	1	0	22.58	21.88	0.154
16QAM	3697.5	56715	5	1	12	22.69	21.99	0.158
16QAM	3697.5	56715	5	1	24	22.85	22.15	0.164
16QAM	3697.5	56715	5	12	0	21.39	20.69	0.117
16QAM	3697.5	56715	5	12	7	21.28	20.58	0.114
16QAM	3697.5	56715	5	12	13	21.48	20.78	0.120
16QAM	3697.5	56715	5	25	0	21.40	20.70	0.117
64QAM	3552.5	55265	5	1	0	22.61	21.91	0.155
64QAM	3552.5	55265	5	1	12	22.32	21.62	0.145
64QAM	3552.5	55265	5	1	24	22.72	22.02	0.159
64QAM	3552.5	55265	5	12	0	21.36	20.66	0.116
64QAM	3552.5	55265	5	12	7	21.62	20.92	0.124
64QAM	3552.5	55265	5	12	13	21.44	20.74	0.119
64QAM	3552.5	55265	5	25	0	21.36	20.66	0.116
64QAM	3625	55990	5	1	0	22.66	21.96	0.157
64QAM	3625	55990	5	1	12	22.81	22.11	0.163
64QAM	3625	55990	5	1	24	22.57	21.87	0.154
64QAM	3625	55990	5	12	0	21.45	20.75	0.119
64QAM	3625	55990	5	12	7	21.54	20.84	0.121
64QAM	3625	55990	5	12	13	21.46	20.76	0.119
64QAM	3625	55990	5	25	0	21.52	20.82	0.121
64QAM	3697.5	56715	5	1	0	22.83	22.13	0.163
64QAM	3697.5	56715	5	1	12	22.67	21.97	0.157
64QAM	3697.5	56715	5	1	24	22.57	21.87	0.154
64QAM	3697.5	56715	5	12	0	21.38	20.68	0.117
64QAM	3697.5	56715	5	12	7	21.36	20.66	0.116
64QAM	3697.5	56715	5	12	13	21.28	20.58	0.114
64QAM	3697.5	56715	5	25	0	21.38	20.68	0.117



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	3555	55290	10	1	0	23.14	22.44	0.175
QPSK	3555	55290	10	1	25	23.50	22.80	0.191
QPSK	3555	55290	10	1	49	23.38	22.68	0.185
QPSK	3555	55290	10	25	0	22.47	21.77	0.150
QPSK	3555	55290	10	25	12	22.47	21.77	0.150
QPSK	3555	55290	10	25	25	22.50	21.80	0.151
QPSK	3555	55290	10	50	0	22.47	21.77	0.150
QPSK	3625	55990	10	1	0	23.26	22.56	0.180
QPSK	3625	55990	10	1	25	23.39	22.69	0.186
QPSK	3625	55990	10	1	49	23.46	22.76	0.189
QPSK	3625	55990	10	25	0	21.99	21.29	0.135
QPSK	3625	55990	10	25	12	22.39	21.69	0.148
QPSK	3625	55990	10	25	25	22.51	21.81	0.152
QPSK	3625	55990	10	50	0	22.49	21.79	0.151
QPSK	3695	56690	10	1	0	23.42	22.72	0.187
QPSK	3695	56690	10	1	25	23.39	22.69	0.186
QPSK	3695	56690	10	1	49	23.43	22.73	0.187
QPSK	3695	56690	10	25	0	22.30	21.60	0.145
QPSK	3695	56690	10	25	12	22.26	21.56	0.143
QPSK	3695	56690	10	25	25	22.38	21.68	0.147
QPSK	3695	56690	10	50	0	22.27	21.57	0.144



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	3555	55290	10	1	0	22.96	22.26	0.168
16QAM	3555	55290	10	1	25	22.84	22.14	0.164
16QAM	3555	55290	10	1	49	23.13	22.43	0.175
16QAM	3555	55290	10	25	0	21.48	20.78	0.120
16QAM	3555	55290	10	25	12	21.45	20.75	0.119
16QAM	3555	55290	10	25	25	21.55	20.85	0.122
16QAM	3555	55290	10	50	0	21.50	20.80	0.120
16QAM	3625	55990	10	1	0	22.63	21.93	0.156
16QAM	3625	55990	10	1	25	22.75	22.05	0.160
16QAM	3625	55990	10	1	49	23.03	22.33	0.171
16QAM	3625	55990	10	25	0	21.28	20.58	0.114
16QAM	3625	55990	10	25	12	21.36	20.66	0.116
16QAM	3625	55990	10	25	25	21.37	20.67	0.117
16QAM	3625	55990	10	50	0	21.40	20.70	0.117
16QAM	3695	56690	10	1	0	23.03	22.33	0.171
16QAM	3695	56690	10	1	25	22.48	21.78	0.151
16QAM	3695	56690	10	1	49	22.70	22.00	0.158
16QAM	3695	56690	10	25	0	21.28	20.58	0.114
16QAM	3695	56690	10	25	12	21.36	20.66	0.116
16QAM	3695	56690	10	25	25	21.34	20.64	0.116
16QAM	3695	56690	10	50	0	21.27	20.57	0.114
64QAM	3555	55290	10	1	0	22.60	21.90	0.155
64QAM	3555	55290	10	1	25	22.59	21.89	0.155
64QAM	3555	55290	10	1	49	22.55	21.85	0.153
64QAM	3555	55290	10	25	0	21.53	20.83	0.121
64QAM	3555	55290	10	25	12	21.59	20.89	0.123
64QAM	3555	55290	10	25	25	21.57	20.87	0.122
64QAM	3555	55290	10	50	0	21.40	20.70	0.117
64QAM	3625	55990	10	1	0	22.49	21.79	0.151
64QAM	3625	55990	10	1	25	22.58	21.88	0.154
64QAM	3625	55990	10	1	49	22.52	21.82	0.152
64QAM	3625	55990	10	25	0	21.28	20.58	0.114
64QAM	3625	55990	10	25	12	21.41	20.71	0.118
64QAM	3625	55990	10	25	25	21.56	20.86	0.122
64QAM	3625	55990	10	50	0	21.39	20.69	0.117
64QAM	3695	56690	10	1	0	22.80	22.10	0.162
64QAM	3695	56690	10	1	25	22.77	22.07	0.161
64QAM	3695	56690	10	1	49	22.43	21.73	0.149
64QAM	3695	56690	10	25	0	21.31	20.61	0.115
64QAM	3695	56690	10	25	12	21.42	20.72	0.118
64QAM	3695	56690	10	25	25	21.31	20.61	0.115
64QAM	3695	56690	10	50	0	21.31	20.61	0.115



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	3557.5	55315	15	1	0	23.62	22.92	0.196
QPSK	3557.5	55315	15	1	37	23.70	23.00	0.200
QPSK	3557.5	55315	15	1	74	23.76	23.06	0.202
QPSK	3557.5	55315	15	36	0	22.30	21.60	0.145
QPSK	3557.5	55315	15	36	29	22.44	21.74	0.149
QPSK	3557.5	55315	15	36	30	22.45	21.75	0.150
QPSK	3557.5	55315	15	75	0	22.36	21.66	0.147
QPSK	3625	55990	15	1	0	23.57	22.87	0.194
QPSK	3625	55990	15	1	37	23.64	22.94	0.197
QPSK	3625	55990	15	1	74	23.66	22.96	0.198
QPSK	3625	55990	15	36	0	22.21	21.51	0.142
QPSK	3625	55990	15	36	29	22.43	21.73	0.149
QPSK	3625	55990	15	36	30	22.34	21.64	0.146
QPSK	3625	55990	15	75	0	22.37	21.67	0.147
QPSK	3692.5	56665	15	1	0	23.21	22.51	0.178
QPSK	3692.5	56665	15	1	37	23.36	22.66	0.185
QPSK	3692.5	56665	15	1	74	23.59	22.89	0.195
QPSK	3692.5	56665	15	36	0	22.24	21.54	0.143
QPSK	3692.5	56665	15	36	29	22.32	21.62	0.145
QPSK	3692.5	56665	15	36	30	22.31	21.61	0.145
QPSK	3692.5	56665	15	75	0	22.16	21.46	0.140



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	3557.5	55315	15	1	0	22.66	21.96	0.157
16QAM	3557.5	55315	15	1	37	22.95	22.25	0.168
16QAM	3557.5	55315	15	1	74	22.43	21.73	0.149
16QAM	3557.5	55315	15	36	0	21.35	20.65	0.116
16QAM	3557.5	55315	15	36	29	21.43	20.73	0.118
16QAM	3557.5	55315	15	36	30	21.44	20.74	0.119
16QAM	3557.5	55315	15	75	0	21.38	20.68	0.117
16QAM	3625	55990	15	1	0	22.22	21.52	0.142
16QAM	3625	55990	15	1	37	22.69	21.99	0.158
16QAM	3625	55990	15	1	74	22.51	21.81	0.152
16QAM	3625	55990	15	36	0	21.24	20.54	0.113
16QAM	3625	55990	15	36	29	21.46	20.76	0.119
16QAM	3625	55990	15	36	30	21.37	20.67	0.117
16QAM	3625	55990	15	75	0	21.41	20.71	0.118
16QAM	3692.5	56665	15	1	0	22.95	22.25	0.168
16QAM	3692.5	56665	15	1	37	22.51	21.81	0.152
16QAM	3692.5	56665	15	1	74	22.71	22.01	0.159
16QAM	3692.5	56665	15	36	0	21.22	20.52	0.113
16QAM	3692.5	56665	15	36	29	21.31	20.61	0.115
16QAM	3692.5	56665	15	36	30	21.33	20.63	0.116
16QAM	3692.5	56665	15	75	0	21.21	20.51	0.112
64QAM	3557.5	55315	15	1	0	22.44	21.74	0.149
64QAM	3557.5	55315	15	1	37	22.50	21.80	0.151
64QAM	3557.5	55315	15	1	74	22.26	21.56	0.143
64QAM	3557.5	55315	15	36	0	21.22	20.52	0.113
64QAM	3557.5	55315	15	36	29	21.50	20.80	0.120
64QAM	3557.5	55315	15	36	30	21.50	20.80	0.120
64QAM	3557.5	55315	15	75	0	21.43	20.73	0.118
64QAM	3625	55990	15	1	0	22.52	21.82	0.152
64QAM	3625	55990	15	1	37	22.22	21.52	0.142
64QAM	3625	55990	15	1	74	22.46	21.76	0.150
64QAM	3625	55990	15	36	0	21.18	20.48	0.112
64QAM	3625	55990	15	36	29	21.39	20.69	0.117
64QAM	3625	55990	15	36	30	21.37	20.67	0.117
64QAM	3625	55990	15	75	0	21.29	20.59	0.115
64QAM	3692.5	56665	15	1	0	22.54	21.84	0.153
64QAM	3692.5	56665	15	1	37	22.11	21.41	0.138
64QAM	3692.5	56665	15	1	74	22.30	21.60	0.145
64QAM	3692.5	56665	15	36	0	21.18	20.48	0.112
64QAM	3692.5	56665	15	36	29	21.21	20.51	0.112
64QAM	3692.5	56665	15	36	30	21.20	20.50	0.112
64QAM	3692.5	56665	15	75	0	21.19	20.49	0.112



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	3560	55340	20	1	0	23.60	22.90	0.195
QPSK	3560	55340	20	1	49	23.73	23.03	0.201
QPSK	3560	55340	20	1	99	23.80	23.10	0.204
QPSK	3560	55340	20	50	0	22.33	21.63	0.146
QPSK	3560	55340	20	50	24	22.42	21.72	0.149
QPSK	3560	55340	20	50	50	22.49	21.79	0.151
QPSK	3560	55340	20	100	0	22.43	21.73	0.149
QPSK	3625	55990	20	1	0	23.55	22.85	0.193
QPSK	3625	55990	20	1	49	23.45	22.75	0.188
QPSK	3625	55990	20	1	99	23.69	22.99	0.199
QPSK	3625	55990	20	50	0	22.22	21.52	0.142
QPSK	3625	55990	20	50	24	22.30	21.60	0.145
QPSK	3625	55990	20	50	50	22.35	21.65	0.146
QPSK	3625	55990	20	100	0	22.40	21.70	0.148
QPSK	3690	56640	20	1	0	23.88	23.18	0.208
QPSK	3690	56640	20	1	49	23.63	22.93	0.196
QPSK	3690	56640	20	1	99	23.54	22.84	0.192
QPSK	3690	56640	20	50	0	22.21	21.51	0.142
QPSK	3690	56640	20	50	24	22.24	21.54	0.143
QPSK	3690	56640	20	50	50	22.34	21.64	0.146
QPSK	3690	56640	20	100	0	22.15	21.45	0.140



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	3560	55340	20	1	0	22.64	21.94	0.156
16QAM	3560	55340	20	1	49	22.45	21.75	0.150
16QAM	3560	55340	20	1	99	22.82	22.12	0.163
16QAM	3560	55340	20	50	0	21.38	20.68	0.117
16QAM	3560	55340	20	50	24	21.45	20.75	0.119
16QAM	3560	55340	20	50	50	21.50	20.80	0.120
16QAM	3560	55340	20	100	0	21.50	20.80	0.120
16QAM	3625	55990	20	1	0	22.87	22.17	0.165
16QAM	3625	55990	20	1	49	22.31	21.61	0.145
16QAM	3625	55990	20	1	99	22.55	21.85	0.153
16QAM	3625	55990	20	50	0	21.16	20.46	0.111
16QAM	3625	55990	20	50	24	21.32	20.62	0.115
16QAM	3625	55990	20	50	50	21.44	20.74	0.119
16QAM	3625	55990	20	100	0	21.41	20.71	0.118
16QAM	3690	56640	20	1	0	22.42	21.72	0.149
16QAM	3690	56640	20	1	49	22.54	21.84	0.153
16QAM	3690	56640	20	1	99	22.29	21.59	0.144
16QAM	3690	56640	20	50	0	21.37	20.67	0.117
16QAM	3690	56640	20	50	24	21.32	20.62	0.115
16QAM	3690	56640	20	50	50	21.41	20.71	0.118
16QAM	3690	56640	20	100	0	21.23	20.53	0.113
64QAM	3560	55340	20	1	0	22.32	21.62	0.145
64QAM	3560	55340	20	1	49	22.46	21.76	0.150
64QAM	3560	55340	20	1	99	22.88	22.18	0.165
64QAM	3560	55340	20	50	0	21.38	20.68	0.117
64QAM	3560	55340	20	50	24	21.52	20.82	0.121
64QAM	3560	55340	20	50	50	21.57	20.87	0.122
64QAM	3560	55340	20	100	0	21.39	20.69	0.117
64QAM	3625	55990	20	1	0	22.24	21.54	0.143
64QAM	3625	55990	20	1	49	22.26	21.56	0.143
64QAM	3625	55990	20	1	99	22.57	21.87	0.154
64QAM	3625	55990	20	50	0	21.25	20.55	0.114
64QAM	3625	55990	20	50	24	21.20	20.50	0.112
64QAM	3625	55990	20	50	50	21.50	20.80	0.120
64QAM	3625	55990	20	100	0	21.41	20.71	0.118
64QAM	3690	56640	20	1	0	22.41	21.71	0.148
64QAM	3690	56640	20	1	49	22.51	21.81	0.152
64QAM	3690	56640	20	1	99	22.22	21.52	0.142
64QAM	3690	56640	20	50	0	21.33	20.63	0.116
64QAM	3690	56640	20	50	24	21.25	20.55	0.114
64QAM	3690	56640	20	50	50	21.29	20.59	0.115
64QAM	3690	56640	20	100	0	21.24	20.54	0.113