APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 4

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1710.7	19957	1.4	1	0	21.24
16QAM	1710.7	19957	1.4	1	3	21.21
16QAM	1710.7	19957	1.4	1	5	21.18
16QAM	1710.7	19957	1.4	3	0	21.39
16QAM	1710.7	19957	1.4	3	1	21.45
16QAM	1710.7	19957	1.4	3	3	21.38
16QAM	1710.7	19957	1.4	6	0	20.59
16QAM	1732.5	20175	1.4	1	0	21.79
16QAM	1732.5	20175	1.4	1	3	21.59
16QAM	1732.5	20175	1.4	1	5	21.85
16QAM	1732.5	20175	1.4	3	0	21.17
16QAM	1732.5	20175	1.4	3	1	21.24
16QAM	1732.5	20175	1.4	3	3	21.19
16QAM	1732.5	20175	1.4	6	0	20.47
16QAM	1754.3	20393	1.4	1	0	21.58
16QAM	1754.3	20393	1.4	1	3	21.52
16QAM	1754.3	20393	1.4	1	5	21.45
16QAM	1754.3	20393	1.4	3	0	21.16
16QAM	1754.3	20393	1.4	3	1	20.92
16QAM	1754.3	20393	1.4	3	3	20.97
16QAM	1754.3	20393	1.4	6	0	20.09
64QAM	1710.7	19957	1.4	1	0	21.43
64QAM	1710.7	19957	1.4	1	3	21.40
64QAM	1710.7	19957	1.4	1	5	21.22
64QAM	1710.7	19957	1.4	3	0	21.03
64QAM	1710.7	19957	1.4	3	1	21.04
64QAM	1710.7	19957	1.4	3	3	21.01
64QAM	1710.7	19957	1.4	6	0	20.21
64QAM	1732.5	20175	1.4	1	0	21.26
64QAM	1732.5	20175	1.4	1	3	21.30
64QAM	1732.5	20175	1.4	1	5	21.22
64QAM	1732.5	20175	1.4	3	0	21.27
64QAM	1732.5	20175	1.4	3	1	21.21
64QAM	1732.5	20175	1.4	3	3	21.30
64QAM	1732.5	20175	1.4	6	0	20.36
64QAM	1754.3	20393	1.4	1	0	21.12
64QAM	1754.3	20393	1.4	1	3	21.01
64QAM	1754.3	20393	1.4	1	5	21.18
64QAM	1754.3	20393	1.4	3	0	21.21
64QAM	1754.3	20393	1.4	3	1	21.09
64QAM	1754.3	20393	1.4	3	3	21.03

64QAM	1754.3	20393	1.4	6	0	20.47

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1710.7	19957	1.4	1	0	22.18
QPSK	1710.7	19957	1.4	1	3	21.94
QPSK	1710.7	19957	1.4	1	5	22.13
QPSK	1710.7	19957	1.4	3	0	22.26
QPSK	1710.7	19957	1.4	3	1	22.25
QPSK	1710.7	19957	1.4	3	3	22.32
QPSK	1710.7	19957	1.4	6	0	21.68
QPSK	1732.5	20175	1.4	1	0	22.14
QPSK	1732.5	20175	1.4	1	3	22.02
QPSK	1732.5	20175	1.4	1	5	22.13
QPSK	1732.5	20175	1.4	3	0	22.16
QPSK	1732.5	20175	1.4	3	1	22.09
QPSK	1732.5	20175	1.4	3	3	22.17
QPSK	1732.5	20175	1.4	6	0	21.62
QPSK	1754.3	20393	1.4	1	0	22.65
QPSK	1754.3	20393	1.4	1	3	22.29
QPSK	1754.3	20393	1.4	1	5	22.29
QPSK	1754.3	20393	1.4	3	0	22.28
QPSK	1754.3	20393	1.4	3	1	22.32
QPSK	1754.3	20393	1.4	3	3	22.23
QPSK	1754.3	20393	1.4	6	0	21.82

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1711.5	19965	3	1	0	21.30
16QAM	1711.5	19965	3	1	8	21.32
16QAM	1711.5	19965	3	1	14	21.34
16QAM	1711.5	19965	3	8	0	20.54
16QAM	1711.5	19965	3	8	4	20.22
16QAM	1711.5	19965	3	8	7	20.20
16QAM	1711.5	19965	3	15	0	20.28
16QAM	1732.5	20175	3	1	0	21.61
16QAM	1732.5	20175	3	1	8	21.72
16QAM	1732.5	20175	3	1	14	21.54
16QAM	1732.5	20175	3	8	0	20.48
16QAM	1732.5	20175	3	8	4	20.02
16QAM	1732.5	20175	3	8	7	20.02
16QAM	1732.5	20175	3	15	0	20.33
16QAM	1753.5	20385	3	1	0	21.41
16QAM	1753.5	20385	3	1	8	21.29
16QAM	1753.5	20385	3	1	14	21.42
16QAM	1753.5	20385	3	8	0	20.33
16QAM	1753.5	20385	3	8	4	20.21
16QAM	1753.5	20385	3	8	7	20.30
16QAM	1753.5	20385	3	15	0	20.24
64QAM	1711.5	19965	3	1	0	21.45
64QAM	1711.5	19965	3	1	8	21.45
64QAM	1711.5	19965	3	1	14	21.34
64QAM	1711.5	19965	3	8	0	20.45
64QAM	1711.5	19965	3	8	4	20.09
64QAM	1711.5	19965	3	8	7	20.47
64QAM	1711.5	19965	3	15	0	20.12
64QAM	1732.5	20175	3	1	0	21.29
64QAM	1732.5	20175	3	1	8	21.12
64QAM	1732.5	20175	3	1	14	21.22
64QAM	1732.5	20175	3	8	0	20.17
64QAM	1732.5	20175	3	8	4	20.00
64QAM	1732.5	20175	3	8	7	20.26
64QAM	1732.5	20175	3	15	0	20.37
64QAM	1753.5	20385	3	1	0	21.46
64QAM	1753.5	20385	3	1	8	21.40
64QAM	1753.5	20385	3	1	14	21.48
64QAM	1753.5	20385	3	8	0	20.90
64QAM	1753.5	20385	3	8	4	20.32
64QAM	1753.5	20385	3	8	7	20.46
64QAM	1753.5	20385	3	15	0	20.44

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1711.5	19965	3	1	0	22.33
QPSK	1711.5	19965	3	1	8	22.49
QPSK	1711.5	19965	3	1	14	21.85
QPSK	1711.5	19965	3	8	0	21.65
QPSK	1711.5	19965	3	8	4	21.41
QPSK	1711.5	19965	3	8	7	21.87
QPSK	1711.5	19965	3	15	0	21.68
QPSK	1732.5	20175	3	1	0	21.93
QPSK	1732.5	20175	3	1	8	22.23
QPSK	1732.5	20175	3	1	14	22.12
QPSK	1732.5	20175	3	8	0	21.92
QPSK	1732.5	20175	3	8	4	21.56
QPSK	1732.5	20175	3	8	7	21.55
QPSK	1732.5	20175	3	15	0	21.51
QPSK	1753.5	20385	3	1	0	22.69
QPSK	1753.5	20385	3	1	8	22.64
QPSK	1753.5	20385	3	1	14	22.68
QPSK	1753.5	20385	3	8	0	21.74
QPSK	1753.5	20385	3	8	4	21.60
QPSK	1753.5	20385	3	8	7	21.75
QPSK	1753.5	20385	3	15	0	21.81

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1712.5	19975	5	1	0	20.71
16QAM	1712.5	19975	5	1	12	20.75
16QAM	1712.5	19975	5	1	24	20.76
16QAM	1712.5	19975	5	12	0	20.20
16QAM	1712.5	19975	5	12	7	20.26
16QAM	1712.5	19975	5	12	13	20.28
16QAM	1712.5	19975	5	25	0	20.34
16QAM	1732.5	20175	5	1	0	21.25
16QAM	1732.5	20175	5	1	12	21.09
16QAM	1732.5	20175	5	1	24	21.16
16QAM	1732.5	20175	5	12	0	20.22
16QAM	1732.5	20175	5	12	7	19.61
16QAM	1732.5	20175	5	12	13	19.93
16QAM	1732.5	20175	5	25	0	19.87
16QAM	1752.5	20375	5	1	0	20.98
16QAM	1752.5	20375	5	1	12	20.98
16QAM	1752.5	20375	5	1	24	20.87
16QAM	1752.5	20375	5	12	0	19.99
16QAM	1752.5	20375	5	12	7	20.42
16QAM	1752.5	20375	5	12	13	20.31
16QAM	1752.5	20375	5	25	0	20.35
64QAM	1712.5	19975	5	1	0	20.56
64QAM	1712.5	19975	5	1	12	20.58
64QAM	1712.5	19975	5	1	24	20.58
64QAM	1712.5	19975	5	12	0	20.20
64QAM	1712.5	19975	5	12	7	20.22
64QAM	1712.5	19975	5	12	13	20.24
64QAM	1712.5	19975	5	25	0	20.26
64QAM	1732.5	20175	5	1	0	21.11
64QAM	1732.5	20175	5	1	12	21.05
64QAM	1732.5	20175	5	1	24	21.17
64QAM	1732.5	20175	5	12	0	19.87
64QAM	1732.5	20175	5	12	7	20.01
64QAM	1732.5	20175	5	12	13	20.06
64QAM	1732.5	20175	5	25	0	20.10
64QAM	1752.5	20375	5	1	0	21.29
64QAM	1752.5	20375	5	1	12	21.44
64QAM	1752.5	20375	5	1	24	21.33
64QAM	1752.5	20375	5	12	0	20.05
64QAM	1752.5	20375	5	12	7	20.33
64QAM	1752.5	20375	5	12	13	20.28
64QAM	1752.5	20375	5	25	0	20.60

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1712.5	19975	5	1	0	22.29
QPSK	1712.5	19975	5	1	12	22.05
QPSK	1712.5	19975	5	1	24	22.30
QPSK	1712.5	19975	5	12	0	21.90
QPSK	1712.5	19975	5	12	7	21.58
QPSK	1712.5	19975	5	12	13	21.63
QPSK	1712.5	19975	5	25	0	21.76
QPSK	1732.5	20175	5	1	0	22.08
QPSK	1732.5	20175	5	1	12	21.95
QPSK	1732.5	20175	5	1	24	21.98
QPSK	1732.5	20175	5	12	0	21.96
QPSK	1732.5	20175	5	12	7	21.65
QPSK	1732.5	20175	5	12	13	21.57
QPSK	1732.5	20175	5	25	0	21.50
QPSK	1752.5	20375	5	1	0	22.57
QPSK	1752.5	20375	5	1	12	22.51
QPSK	1752.5	20375	5	1	24	22.61
QPSK	1752.5	20375	5	12	0	21.70
QPSK	1752.5	20375	5	12	7	21.87
QPSK	1752.5	20375	5	12	13	21.88
QPSK	1752.5	20375	5	25	0	21.69

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1715	20000	10	1	0	22.24
16QAM	1715	20000	10	1	25	22.10
16QAM	1715	20000	10	1	49	22.19
16QAM	1715	20000	10	25	0	20.28
16QAM	1715	20000	10	25	12	20.28
16QAM	1715	20000	10	25	25	20.36
16QAM	1715	20000	10	50	0	20.25
16QAM	1732.5	20175	10	1	0	21.71
16QAM	1732.5	20175	10	1	25	21.82
16QAM	1732.5	20175	10	1	49	21.76
16QAM	1732.5	20175	10	25	0	20.04
16QAM	1732.5	20175	10	25	12	20.13
16QAM	1732.5	20175	10	25	25	20.30
16QAM	1732.5	20175	10	50	0	20.33
16QAM	1750	20350	10	1	0	21.38
16QAM	1750	20350	10	1	25	21.54
16QAM	1750	20350	10	1	49	21.51
16QAM	1750	20350	10	25	0	20.39
16QAM	1750	20350	10	25	12	20.42
16QAM	1750	20350	10	25	25	20.33
16QAM	1750	20350	10	50	0	20.41
64QAM	1715	20000	10	1	0	21.85
64QAM	1715	20000	10	1	25	21.63
64QAM	1715	20000	10	1	49	21.73
64QAM	1715	20000	10	25	0	20.39
64QAM	1715	20000	10	25	12	20.28
64QAM	1715	20000	10	25	25	20.41
64QAM	1715	20000	10	50	0	20.23
64QAM	1732.5	20175	10	1	0	21.45
64QAM	1732.5	20175	10	1	25	21.26
64QAM	1732.5	20175	10	1	49	21.35
64QAM	1732.5	20175	10	25	0	20.48
64QAM	1732.5	20175	10	25	12	20.15
64QAM	1732.5	20175	10	25	25	20.05
64QAM	1732.5	20175	10	50	0	20.52
64QAM	1750	20350	10	1	0	20.79
64QAM	1750	20350	10	1	25	20.93
64QAM	1750	20350	10	1	49	20.74
64QAM	1750	20350	10	25	0	20.47
64QAM	1750	20350	10	25	12	20.34
64QAM	1750	20350	10	25	25	20.69
64QAM	1750	20350	10	50	0	20.41

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1715	20000	10	1	0	22.21
QPSK	1715	20000	10	1	25	22.28
QPSK	1715	20000	10	1	49	22.20
QPSK	1715	20000	10	25	0	21.79
QPSK	1715	20000	10	25	12	21.84
QPSK	1715	20000	10	25	25	21.44
QPSK	1715	20000	10	50	0	21.74
QPSK	1732.5	20175	10	1	0	22.51
QPSK	1732.5	20175	10	1	25	22.36
QPSK	1732.5	20175	10	1	49	22.45
QPSK	1732.5	20175	10	25	0	21.59
QPSK	1732.5	20175	10	25	12	21.51
QPSK	1732.5	20175	10	25	25	21.78
QPSK	1732.5	20175	10	50	0	21.49
QPSK	1750	20350	10	1	0	22.00
QPSK	1750	20350	10	1	25	22.21
QPSK	1750	20350	10	1	49	22.24
QPSK	1750	20350	10	25	0	21.83
QPSK	1750	20350	10	25	12	21.64
QPSK	1750	20350	10	25	25	21.85
QPSK	1750	20350	10	50	0	21.98

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1717.5	20025	15	1	0	22.64
16QAM	1717.5	20025	15	1	37	22.72
16QAM	1717.5	20025	15	1	74	22.59
16QAM	1717.5	20025	15	36	0	20.40
16QAM	1717.5	20025	15	36	29	20.30
16QAM	1717.5	20025	15	36	30	20.24
16QAM	1717.5	20025	15	75	0	20.36
16QAM	1732.5	20175	15	1	0	22.16
16QAM	1732.5	20175	15	1	37	22.12
16QAM	1732.5	20175	15	1	74	22.15
16QAM	1732.5	20175	15	36	0	20.44
16QAM	1732.5	20175	15	36	29	20.34
16QAM	1732.5	20175	15	36	30	19.94
16QAM	1732.5	20175	15	75	0	20.26
16QAM	1747.5	20325	15	1	0	21.98
16QAM	1747.5	20325	15	1	37	21.99
16QAM	1747.5	20325	15	1	74	22.07
16QAM	1747.5	20325	15	36	0	19.91
16QAM	1747.5	20325	15	36	29	20.31
16QAM	1747.5	20325	15	36	30	20.30
16QAM	1747.5	20325	15	75	0	20.26
64QAM	1717.5	20025	15	1	0	22.19
64QAM	1717.5	20025	15	1	37	22.18
64QAM	1717.5	20025	15	1	74	22.12
64QAM	1717.5	20025	15	36	0	20.20
64QAM	1717.5	20025	15	36	29	20.20
64QAM	1717.5	20025	15	36	30	20.21
64QAM	1717.5	20025	15	75	0	20.36
64QAM	1732.5	20175	15	1	0	22.26
64QAM	1732.5	20175	15	1	37	22.30
64QAM	1732.5	20175	15	1	74	22.40
64QAM	1732.5	20175	15	36	0	20.17
64QAM	1732.5	20175	15	36	29	20.14
64QAM	1732.5	20175	15	36	30	20.20
64QAM	1732.5	20175	15	75	0	20.42
64QAM	1747.5	20325	15	1	0	22.11
64QAM	1747.5	20325	15	1	37	22.04
64QAM	1747.5	20325	15	1	74	22.25
64QAM	1747.5	20325	15	36	0	20.20
64QAM	1747.5	20325	15	36	29	20.38
64QAM	1747.5	20325	15	36	30	20.37
64QAM	1747.5	20325	15	75	0	20.32

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1717.5	20025	15	1	0	22.74
QPSK	1717.5	20025	15	1	37	22.85
QPSK	1717.5	20025	15	1	74	22.72
QPSK	1717.5	20025	15	36	0	21.73
QPSK	1717.5	20025	15	36	29	21.51
QPSK	1717.5	20025	15	36	30	21.68
QPSK	1717.5	20025	15	75	0	21.54
QPSK	1732.5	20175	15	1	0	22.84
QPSK	1732.5	20175	15	1	37	22.78
QPSK	1732.5	20175	15	1	74	22.87
QPSK	1732.5	20175	15	36	0	21.88
QPSK	1732.5	20175	15	36	29	21.77
QPSK	1732.5	20175	15	36	30	21.61
QPSK	1732.5	20175	15	75	0	21.75
QPSK	1747.5	20325	15	1	0	22.82
QPSK	1747.5	20325	15	1	37	22.72
QPSK	1747.5	20325	15	1	74	22.76
QPSK	1747.5	20325	15	36	0	21.53
QPSK	1747.5	20325	15	36	29	21.65
QPSK	1747.5	20325	15	36	30	21.81
QPSK	1747.5	20325	15	75	0	21.50

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1720	20050	20	1	0	22.26
16QAM	1720	20050	20	1	49	22.08
16QAM	1720	20050	20	1	99	22.06
16QAM	1720	20050	20	50	0	20.53
16QAM	1720	20050	20	50	24	20.09
16QAM	1720	20050	20	50	50	20.22
16QAM	1720	20050	20	100	0	20.00
16QAM	1732.5	20175	20	1	0	22.06
16QAM	1732.5	20175	20	1	49	21.98
16QAM	1732.5	20175	20	1	99	21.98
16QAM	1732.5	20175	20	50	0	20.18
16QAM	1732.5	20175	20	50	24	20.28
16QAM	1732.5	20175	20	50	50	20.17
16QAM	1732.5	20175	20	100	0	20.04
16QAM	1745	20300	20	1	0	21.91
16QAM	1745	20300	20	1	49	21.80
16QAM	1745	20300	20	1	99	22.08
16QAM	1745	20300	20	50	0	20.04
16QAM	1745	20300	20	50	24	20.37
16QAM	1745	20300	20	50	50	20.35
16QAM	1745	20300	20	100	0	20.11
64QAM	1720	20050	20	1	0	21.79
64QAM	1720	20050	20	1	49	21.63
64QAM	1720	20050	20	1	99	21.68
64QAM	1720	20050	20	50	0	20.31
64QAM	1720	20050	20	50	24	20.23
64QAM	1720	20050	20	50	50	20.18
64QAM	1720	20050	20	100	0	20.17
64QAM	1732.5	20175	20	1	0	21.85
64QAM	1732.5	20175	20	1	49	21.74
64QAM	1732.5	20175	20	1	99	21.76
64QAM	1732.5	20175	20	50	0	19.86
64QAM	1732.5	20175	20	50	24	20.34
64QAM	1732.5	20175	20	50	50	20.02
64QAM	1732.5	20175	20	100	0	19.85
64QAM	1745	20300	20	1	0	22.53
64QAM	1745	20300	20	1	49	22.50
64QAM	1745	20300	20	1	99	22.67
64QAM	1745	20300	20	50	0	20.04
64QAM	1745	20300	20	50	24	19.95
64QAM	1745	20300	20	50	50	20.23
64QAM	1745	20300	20	100	0	20.32

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1720	20050	20	1	0	22.74
QPSK	1720	20050	20	1	49	22.58
QPSK	1720	20050	20	1	99	22.71
QPSK	1720	20050	20	50	0	21.48
QPSK	1720	20050	20	50	24	21.77
QPSK	1720	20050	20	50	50	21.38
QPSK	1720	20050	20	100	0	21.40
QPSK	1732.5	20175	20	1	0	22.68
QPSK	1732.5	20175	20	1	49	22.60
QPSK	1732.5	20175	20	1	99	22.75
QPSK	1732.5	20175	20	50	0	21.74
QPSK	1732.5	20175	20	50	24	21.49
QPSK	1732.5	20175	20	50	50	21.65
QPSK	1732.5	20175	20	100	0	21.72
QPSK	1745	20300	20	1	0	22.57
QPSK	1745	20300	20	1	49	22.65
QPSK	1745	20300	20	1	99	22.89
QPSK	1745	20300	20	50	0	21.74
QPSK	1745	20300	20	50	24	21.50
QPSK	1745	20300	20	50	50	22.19
QPSK	1745	20300	20	100	0	21.68

2 Occupied Bandwidth

Band	Mode	Carrier frequerncy (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
Band 4	QPSK	1710.7	19957	1.4	6	0	1.082	Fig.1
Band 4	QPSK	1732.5	20175	1.4	6	0	1.094	Fig.2
Band 4	QPSK	1754.3	20393	1.4	6	0	1.082	Fig.3
Band 4	QPSK	1711.5	19965	3	15	0	2.683	Fig.4
Band 4	QPSK	1732.5	20175	3	15	0	2.683	Fig.5
Band 4	QPSK	1753.5	20385	3	15	0	2.683	Fig.6
Band 4	QPSK	1712.5	19975	5	25	0	4.472	Fig.7
Band 4	QPSK	1732.5	20175	5	25	0	4.450	Fig.8
Band 4	QPSK	1752.5	20375	5	25	0	4.472	Fig.9
Band 4	QPSK	1715	20000	10	50	0	8.944	Fig.10
Band 4	QPSK	1732.5	20175	10	50	0	8.944	Fig.11
Band 4	QPSK	1750	20350	10	50	0	8.944	Fig.12
Band 4	QPSK	1717.5	20025	15	75	0	13.415	Fig.13
Band 4	QPSK	1732.5	20175	15	75	0	13.415	Fig.14
Band 4	QPSK	1747.5	20325	15	75	0	13.415	Fig.15
Band 4	QPSK	1720	20050	20	100	0	17.974	Fig.16
Band 4	QPSK	1732.5	20175	20	100	0	17.887	Fig.17
Band 4	QPSK	1745	20300	20	100	0	17.974	Fig.18

Band	Mode	Carrier frequerncy (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
Band 4	16QAM	1710.7	19957	1.4	6	0	1.088	Fig.19
Band 4	16QAM	1732.5	20175	1.4	6	0	1.082	Fig.20
Band 4	16QAM	1754.3	20393	1.4	6	0	1.082	Fig.21
Band 4	16QAM	1711.5	19965	3	15	0	2.683	Fig.22
Band 4	16QAM	1732.5	20175	3	15	0	2.683	Fig.23
Band 4	16QAM	1753.5	20385	3	15	0	2.696	Fig.24
Band 4	16QAM	1712.5	19975	5	25	0	4.472	Fig.25
Band 4	16QAM	1732.5	20175	5	25	0	4.472	Fig.26
Band 4	16QAM	1752.5	20375	5	25	0	4.472	Fig.27
Band 4	16QAM	1715	20000	10	50	0	8.944	Fig.28
Band 4	16QAM	1732.5	20175	10	50	0	8.944	Fig.29
Band 4	16QAM	1750	20350	10	50	0	8.944	Fig.30
Band 4	16QAM	1717.5	20025	15	75	0	13.415	Fig.31
Band 4	16QAM	1732.5	20175	15	75	0	13.415	Fig.32
Band 4	16QAM	1747.5	20325	15	75	0	13.480	Fig.33
Band 4	16QAM	1720	20050	20	100	0	17.887	Fig.34
Band 4	16QAM	1732.5	20175	20	100	0	17.887	Fig.35
Band 4	16QAM	1745	20300	20	100	0	17.887	Fig.36

Band	Mode	Carrier frequerncy (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
Band 4	64QAM	1710.7	19957	1.4	6	0	1.088	Fig.37
Band 4	64QAM	1732.5	20175	1.4	6	0	1.082	Fig.38
Band 4	64QAM	1754.3	20393	1.4	6	0	1.088	Fig.39
Band 4	64QAM	1711.5	19965	3	15	0	2.683	Fig.40
Band 4	64QAM	1732.5	20175	3	15	0	2.683	Fig.41
Band 4	64QAM	1753.5	20385	3	15	0	2.683	Fig.42
Band 4	64QAM	1712.5	19975	5	25	0	4.472	Fig.43
Band 4	64QAM	1732.5	20175	5	25	0	4.472	Fig.44
Band 4	64QAM	1752.5	20375	5	25	0	4.472	Fig.45
Band 4	64QAM	1715	20000	10	50	0	8.944	Fig.46
Band 4	64QAM	1732.5	20175	10	50	0	8.944	Fig.47
Band 4	64QAM	1750	20350	10	50	0	8.944	Fig.48
Band 4	64QAM	1717.5	20025	15	75	0	13.415	Fig.49
Band 4	64QAM	1732.5	20175	15	75	0	13.480	Fig.50
Band 4	64QAM	1747.5	20325	15	75	0	13.415	Fig.51
Band 4	64QAM	1720	20050	20	100	0	17.887	Fig.52
Band 4	64QAM	1732.5	20175	20	100	0	17.887	Fig.53
Band 4	64QAM	1745	20300	20	100	0	17.974	Fig.54

Test Mode: QPSK

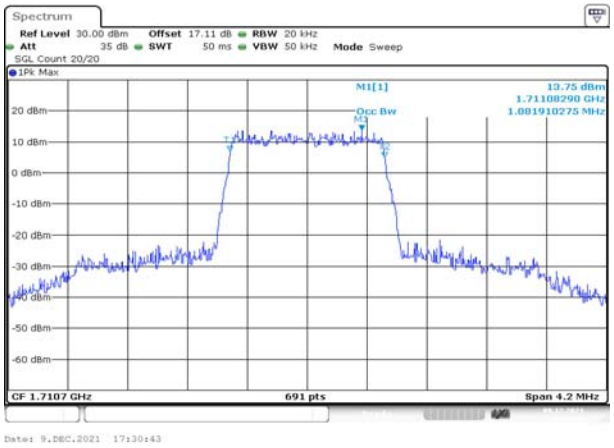


Fig.1

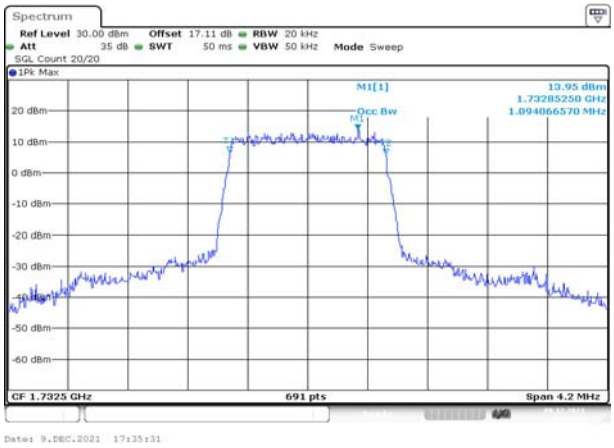


Fig.2

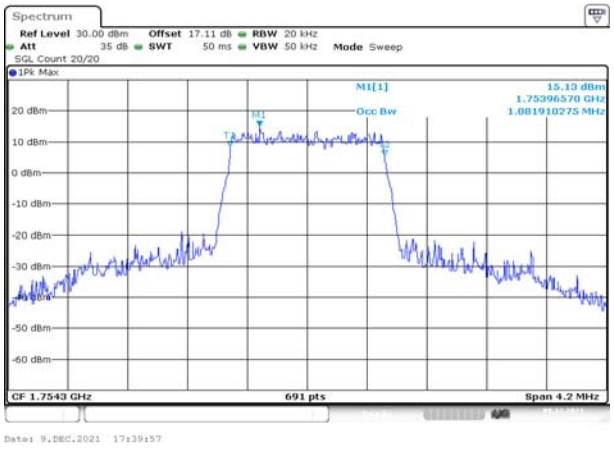


Fig.3

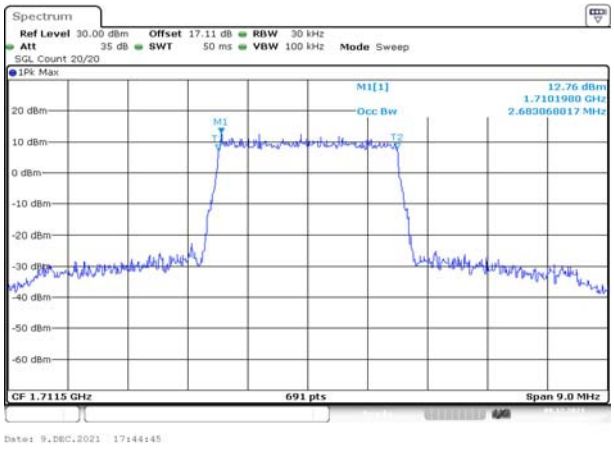


Fig.4

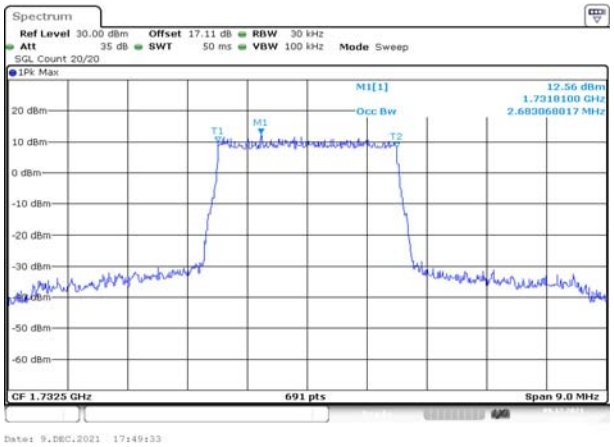


Fig.5

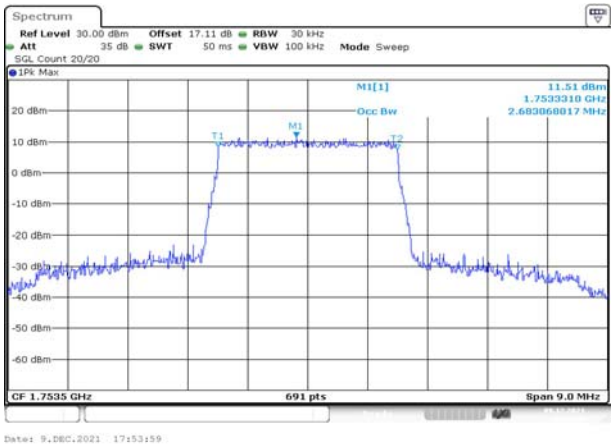


Fig.6

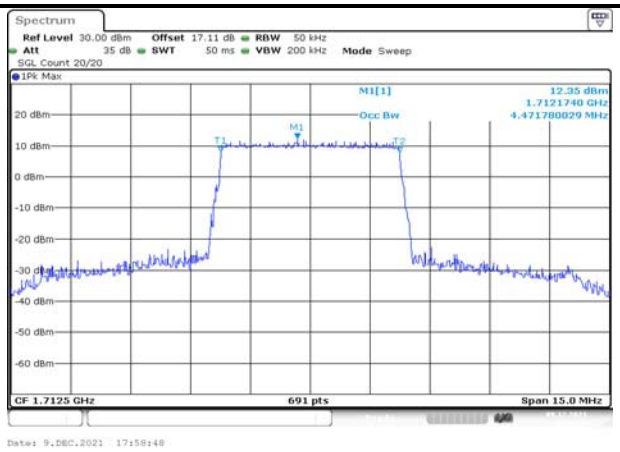


Fig.7

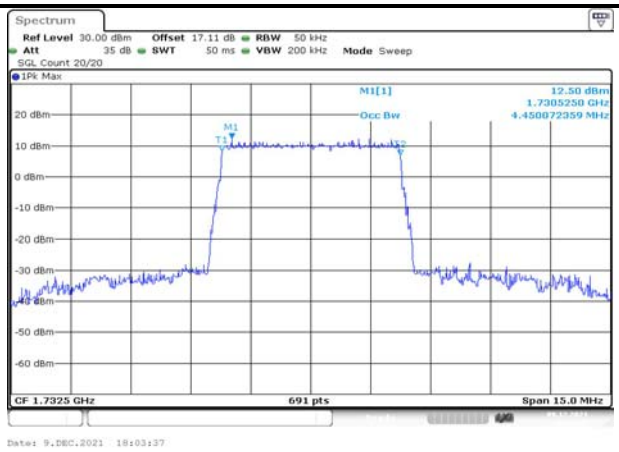


Fig.8

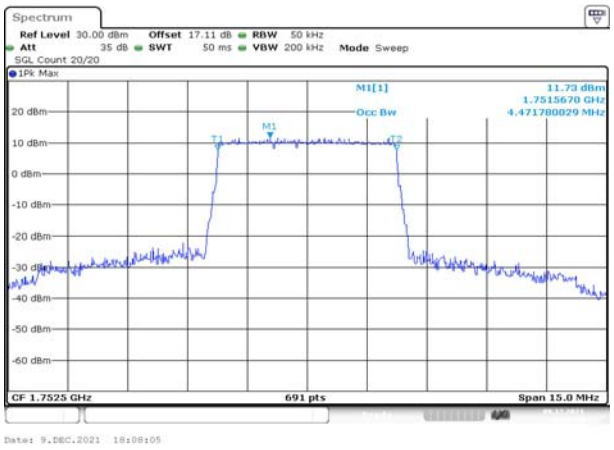


Fig.9

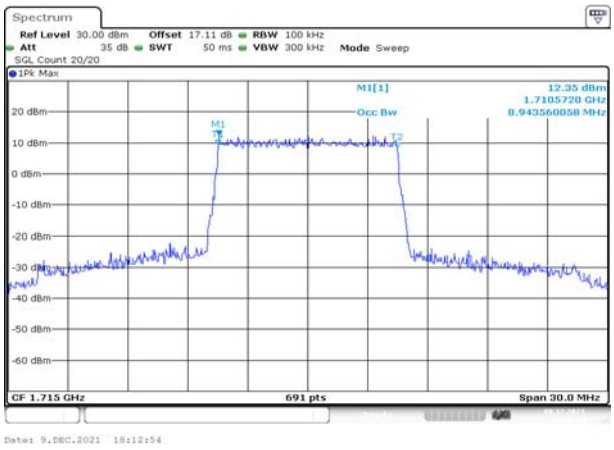


Fig.10

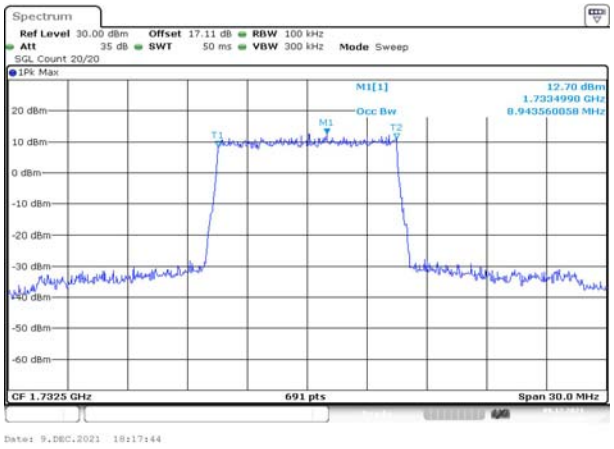


Fig.11

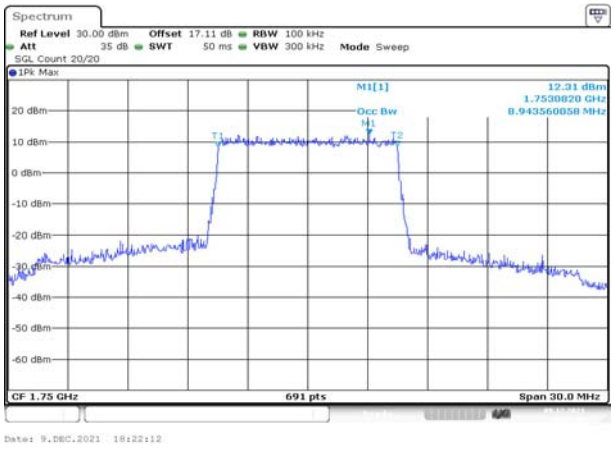


Fig.12

Fig.13

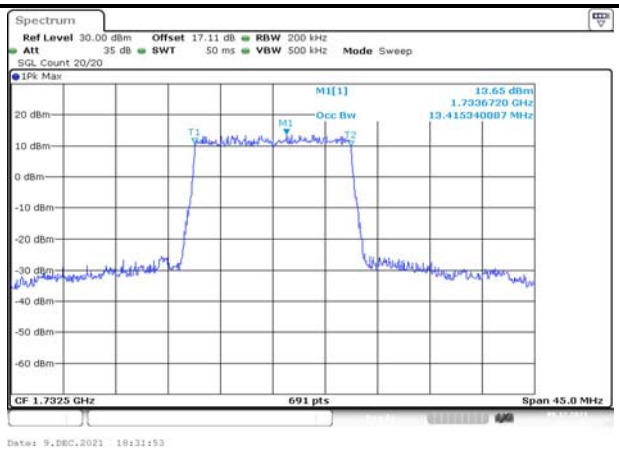


Fig.14

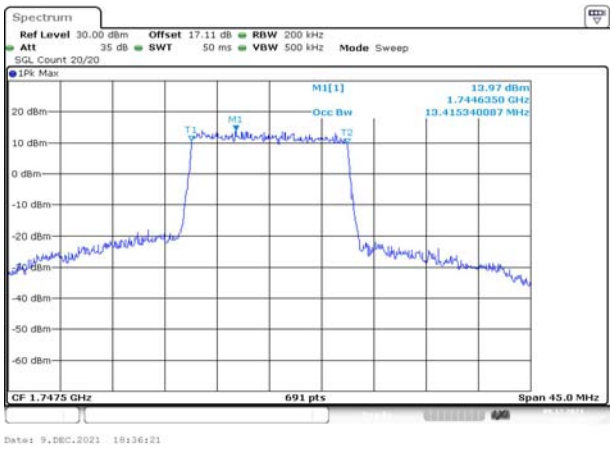


Fig.15

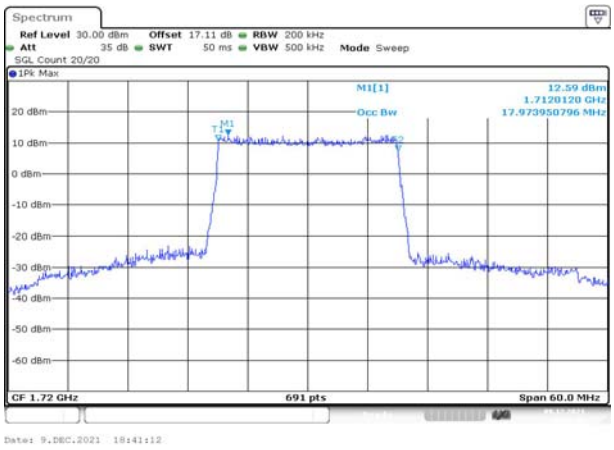


Fig.16

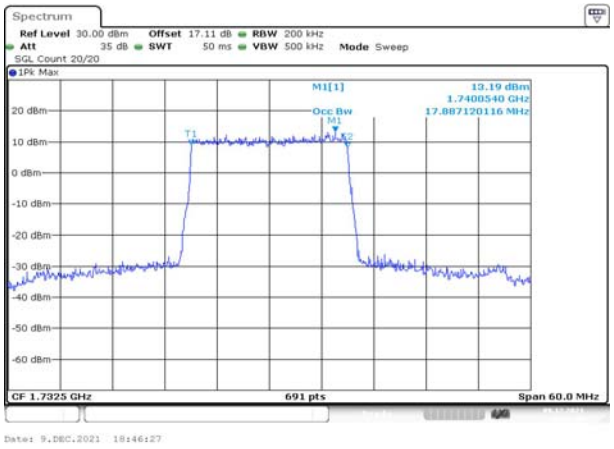


Fig.17

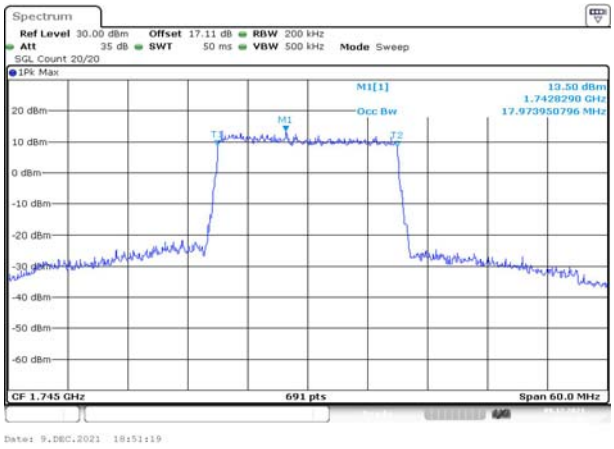


Fig.18

Test Mode: 16QAM

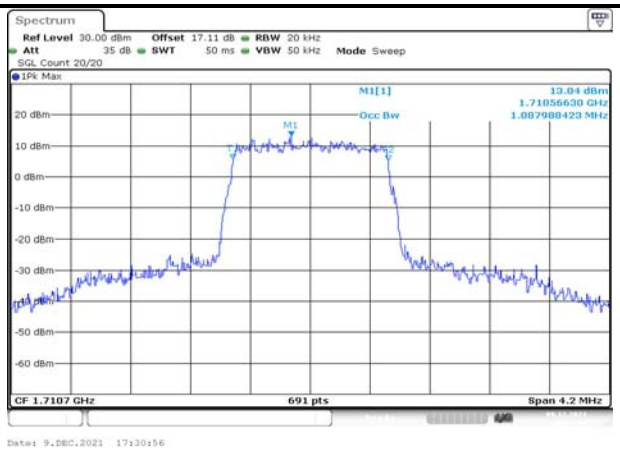


Fig.19

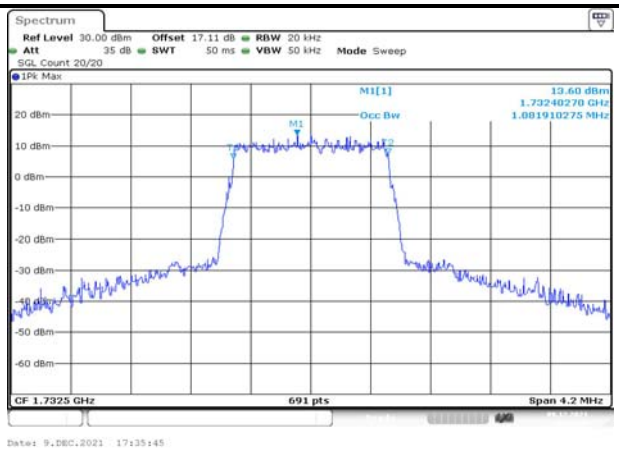


Fig.20

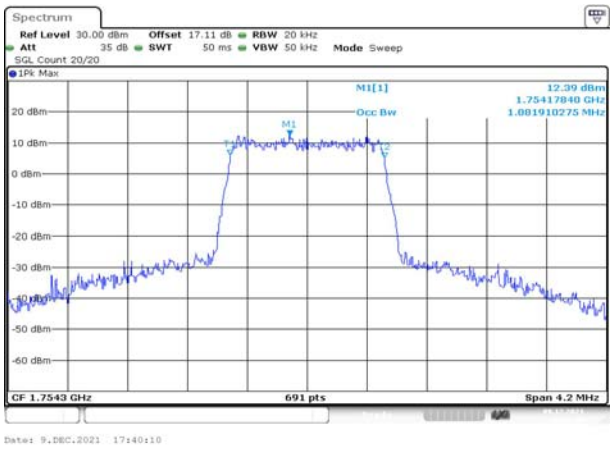


Fig.21

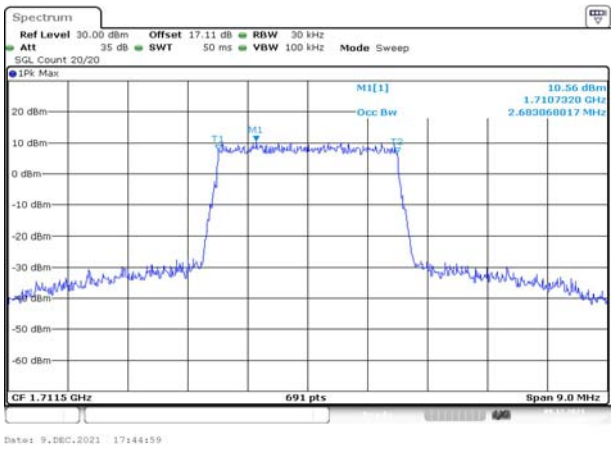


Fig.22

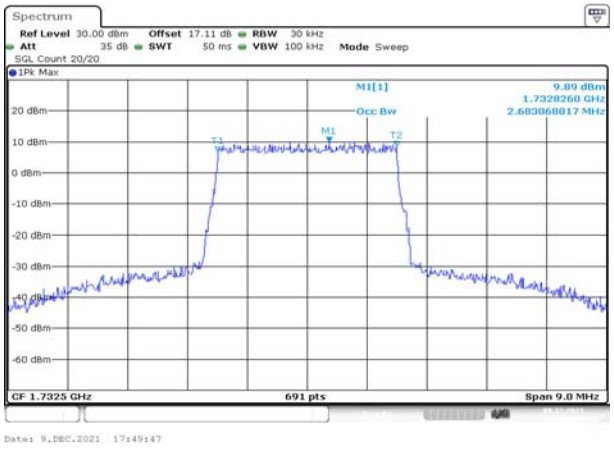


Fig.23

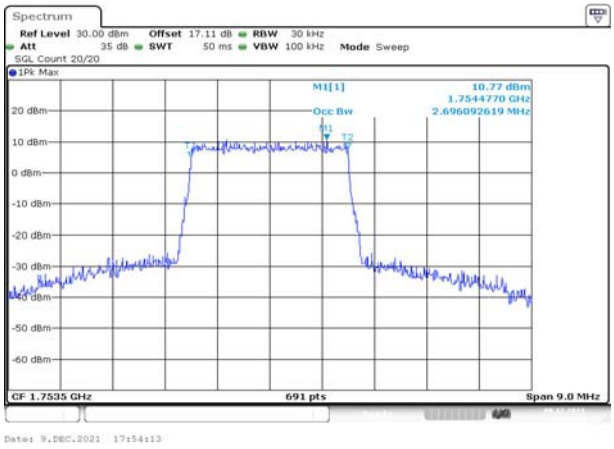


Fig.24

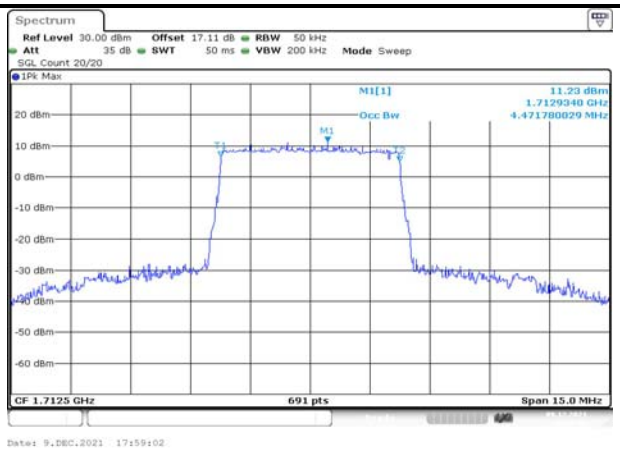


Fig.25

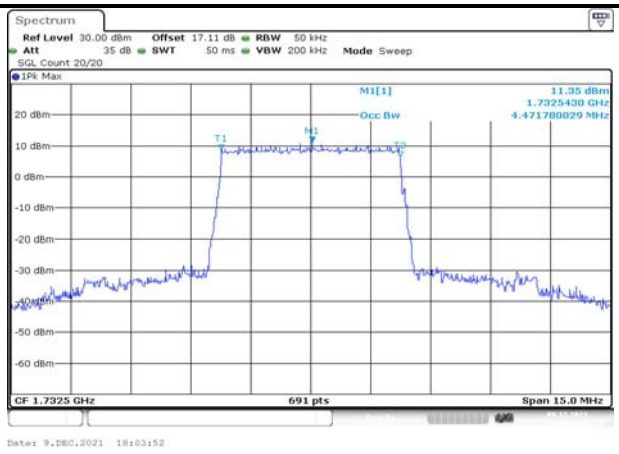


Fig.26

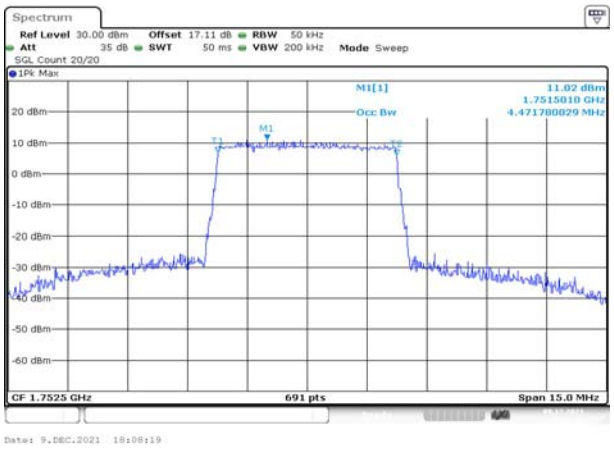


Fig.27

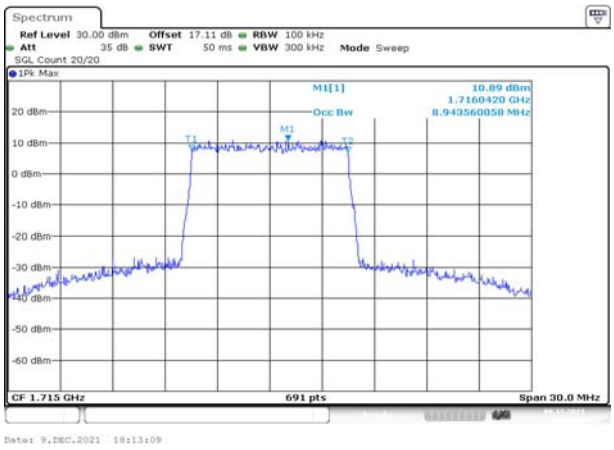


Fig.28

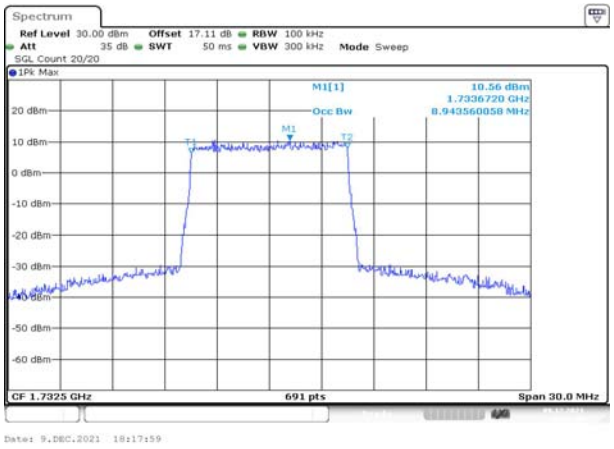


Fig.29

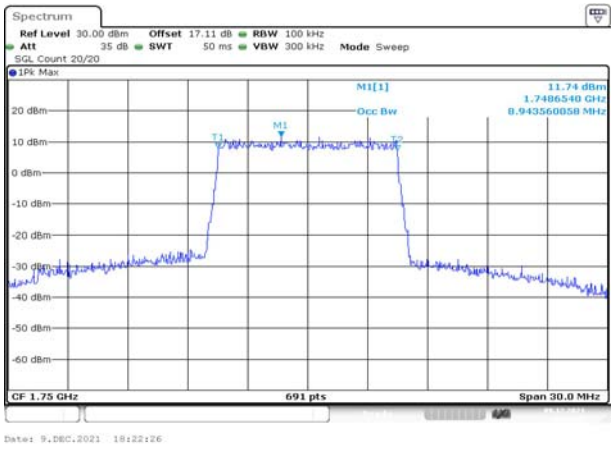


Fig.30

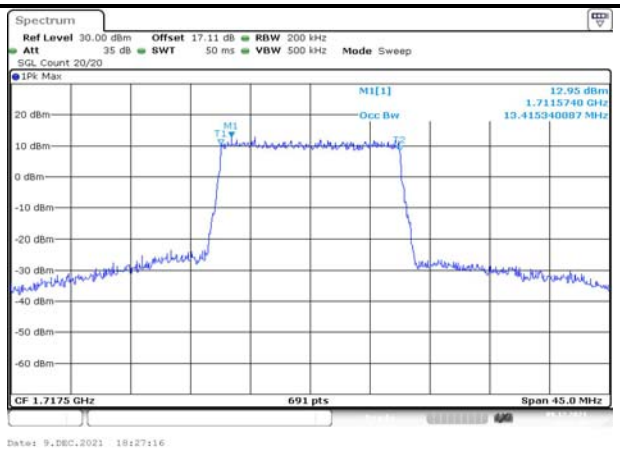


Fig.31

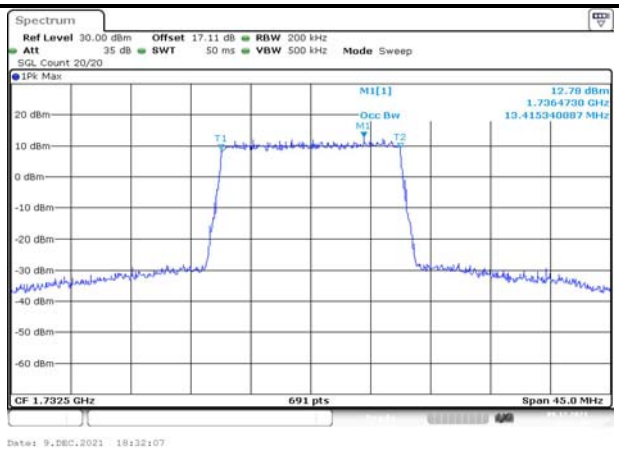


Fig.32

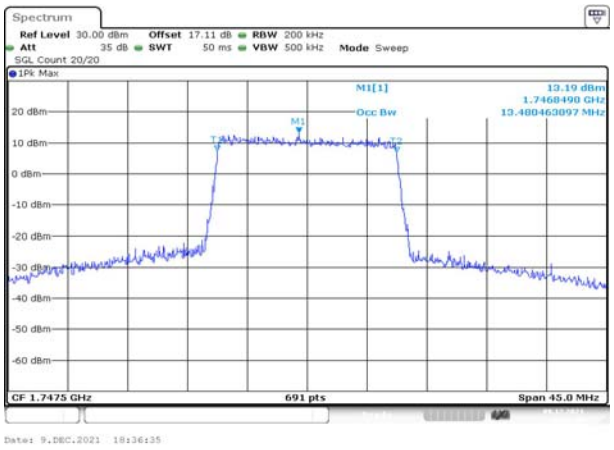


Fig.33

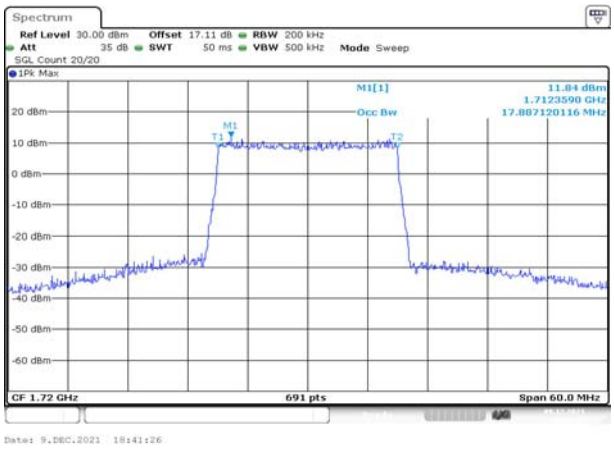


Fig.34

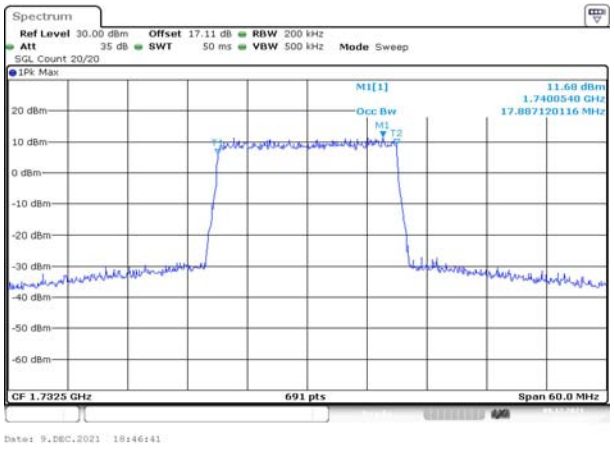


Fig.35

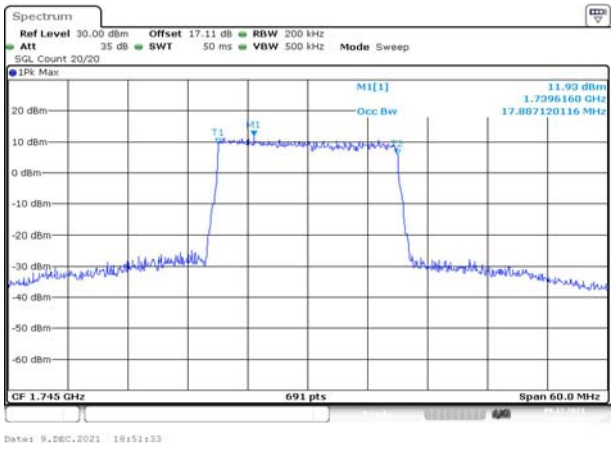


Fig.36

Test Mode: 64QAM

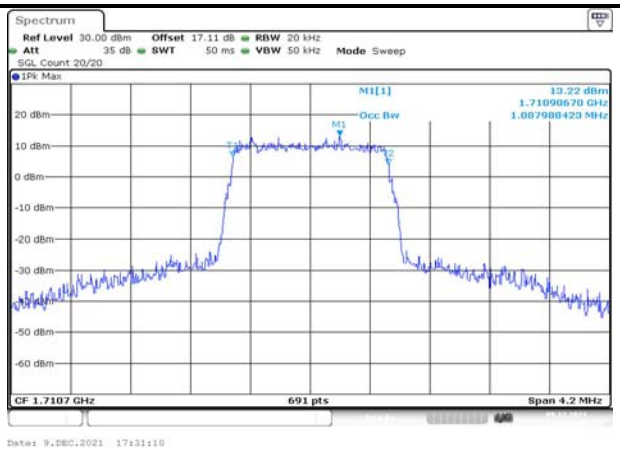


Fig.37

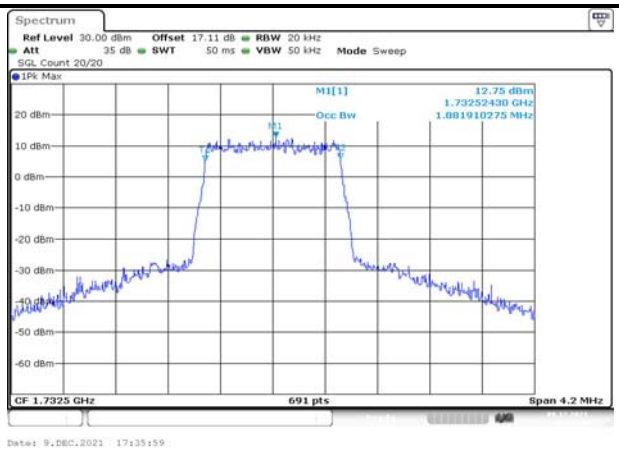


Fig.38

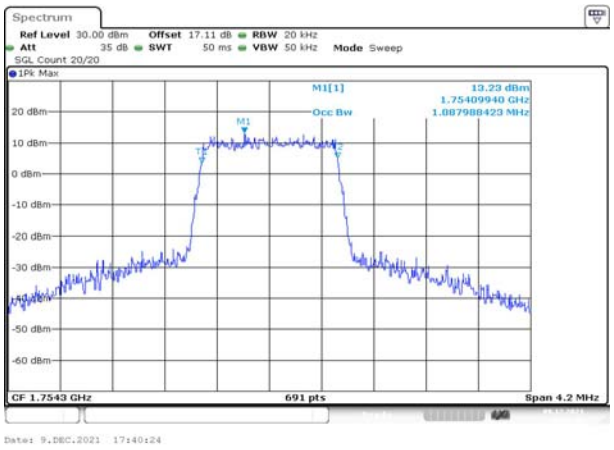


Fig.39

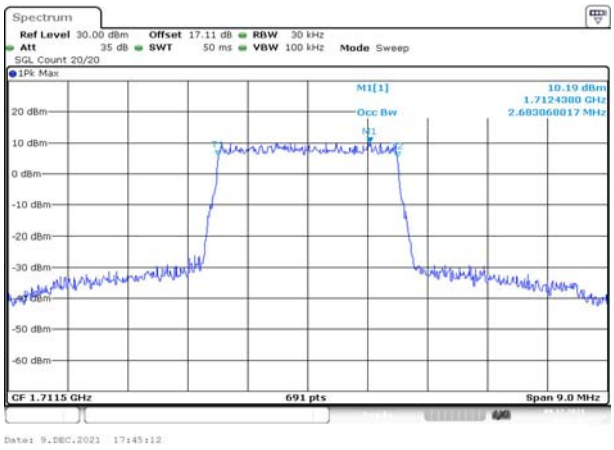
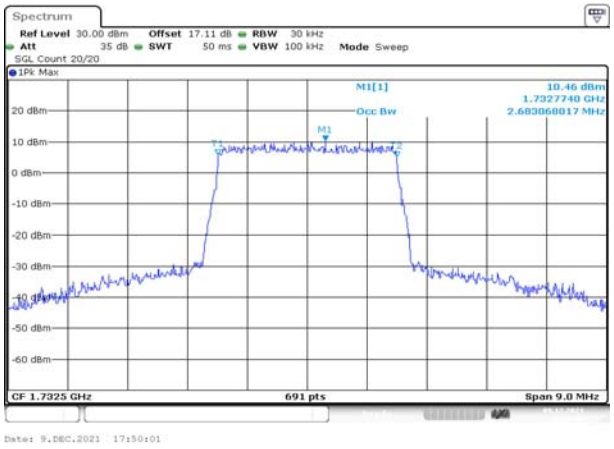


Fig.40



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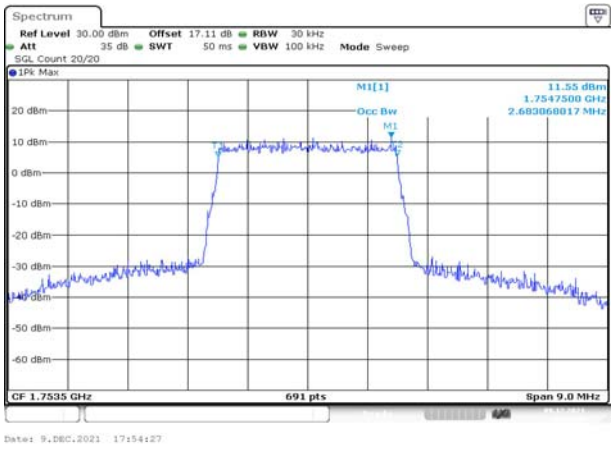


Fig.42

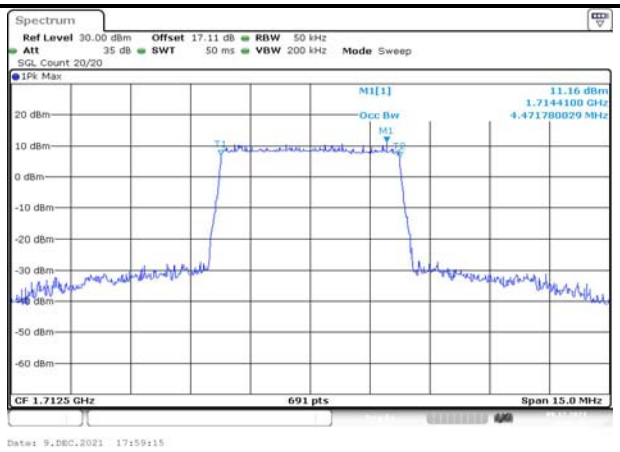


Fig.43

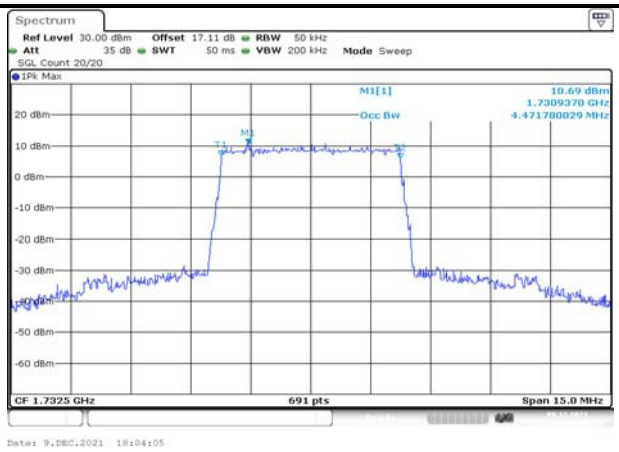


Fig.44

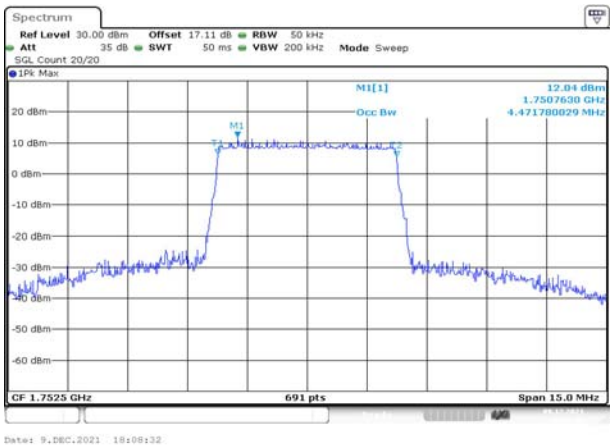


Fig.45

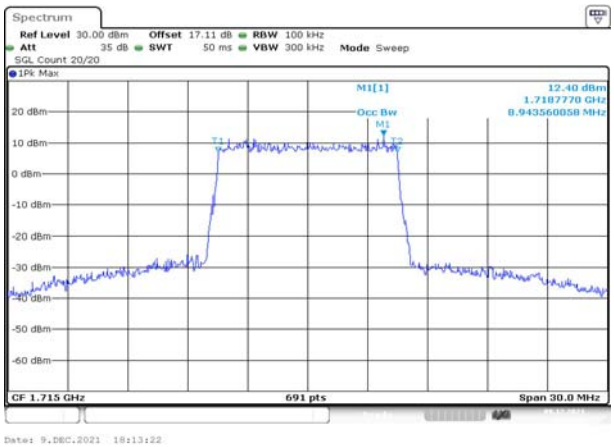


Fig.46

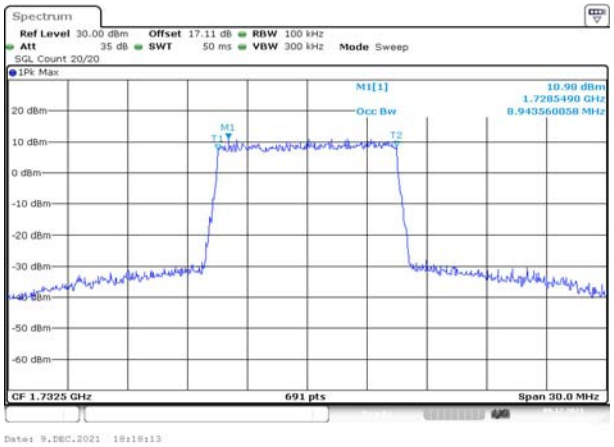


Fig.47

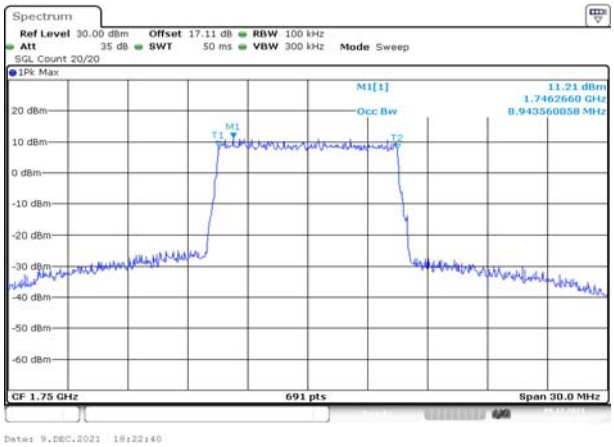


Fig.48

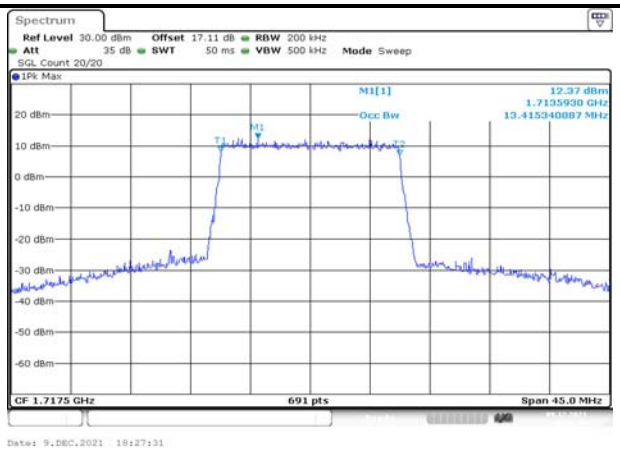


Fig.49

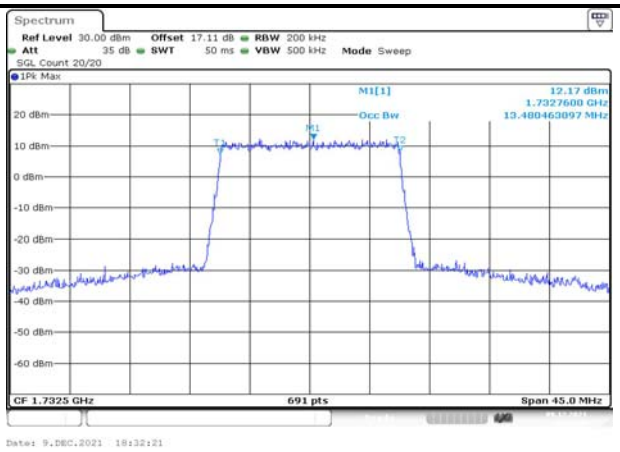


Fig.50

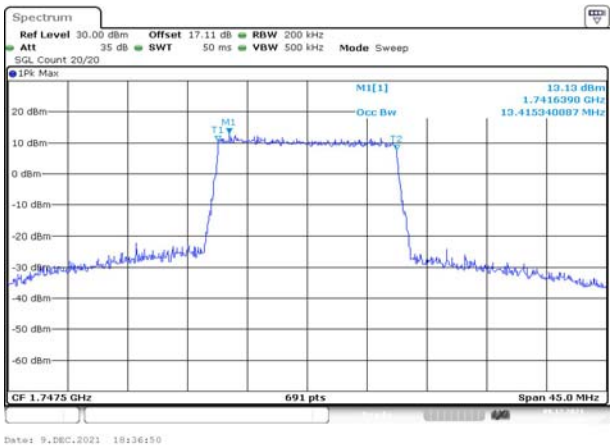


Fig.51

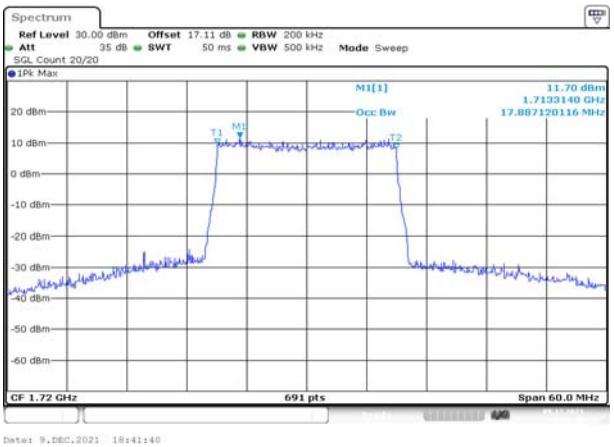


Fig.52

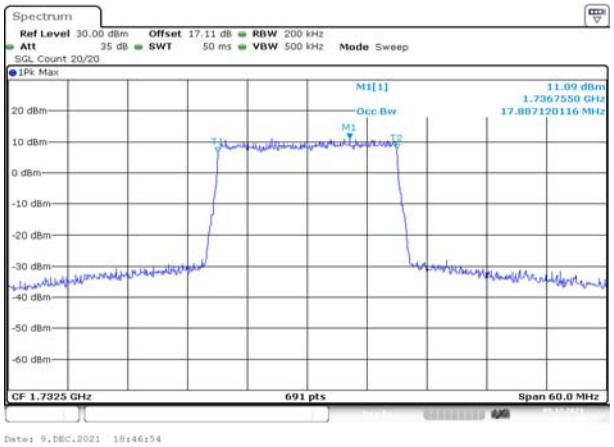


Fig.53

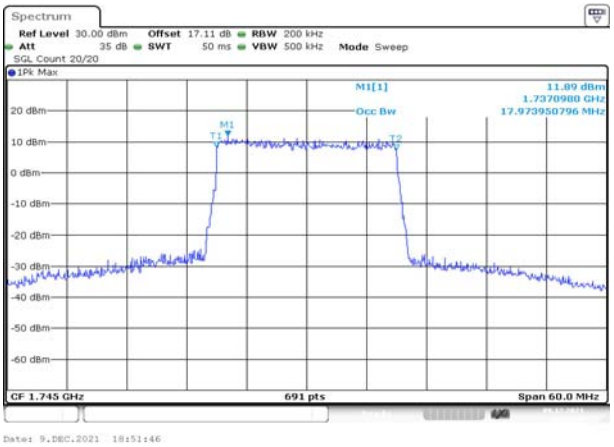


Fig.54

3 Emission Bandwidth

4 Band	Mode	Carrier frequerncy (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
Band 4	QPSK	1710.7	19957	1.4	6	0	1.228	Fig.1
Band 4	QPSK	1732.5	20175	1.4	6	0	1.228	Fig.2
Band 4	QPSK	1754.3	20393	1.4	6	0	1.228	Fig.3
Band 4	QPSK	1711.5	19965	3	15	0	2.970	Fig.4
Band 4	QPSK	1732.5	20175	3	15	0	2.944	Fig.5
Band 4	QPSK	1753.5	20385	3	15	0	2.970	Fig.6
Band 4	QPSK	1712.5	19975	5	25	0	4.884	Fig.7
Band 4	QPSK	1732.5	20175	5	25	0	4.906	Fig.8
Band 4	QPSK	1752.5	20375	5	25	0	4.906	Fig.9
Band 4	QPSK	1715	20000	10	50	0	9.768	Fig.10
Band 4	QPSK	1732.5	20175	10	50	0	9.682	Fig.11
Band 4	QPSK	1750	20350	10	50	0	9.682	Fig.12
Band 4	QPSK	1717.5	20025	15	75	0	14.783	Fig.13
Band 4	QPSK	1732.5	20175	15	75	0	14.588	Fig.14
Band 4	QPSK	1747.5	20325	15	75	0	14.718	Fig.15
Band 4	QPSK	1720	20050	20	100	0	19.450	Fig.16
Band 4	QPSK	1732.5	20175	20	100	0	19.363	Fig.17
Band 4	QPSK	1745	20300	20	100	0	19.363	Fig.18

5 Band	Mode	Carrier frequerncy (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
Band 4	16QAM	1710.7	19957	1.4	6	0	1.234	Fig.19
Band 4	16QAM	1732.5	20175	1.4	6	0	1.228	Fig.20
Band 4	16QAM	1754.3	20393	1.4	6	0	1.228	Fig.21
Band 4	16QAM	1711.5	19965	3	15	0	2.983	Fig.22
Band 4	16QAM	1732.5	20175	3	15	0	2.970	Fig.23
Band 4	16QAM	1753.5	20385	3	15	0	2.996	Fig.24
Band 4	16QAM	1712.5	19975	5	25	0	4.863	Fig.25
Band 4	16QAM	1732.5	20175	5	25	0	4.884	Fig.26
Band 4	16QAM	1752.5	20375	5	25	0	4.884	Fig.27
Band 4	16QAM	1715	20000	10	50	0	9.682	Fig.28
Band 4	16QAM	1732.5	20175	10	50	0	9.638	Fig.29
Band 4	16QAM	1750	20350	10	50	0	9.725	Fig.30
Band 4	16QAM	1717.5	20025	15	75	0	14.783	Fig.31
Band 4	16QAM	1732.5	20175	15	75	0	14.718	Fig.32
Band 4	16QAM	1747.5	20325	15	75	0	14.718	Fig.33
Band 4	16QAM	1720	20050	20	100	0	19.450	Fig.34
Band 4	16QAM	1732.5	20175	20	100	0	19.276	Fig.35
Band 4	16QAM	1745	20300	20	100	0	19.276	Fig.36

6 Band	Mode	Carrier frequerncy (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
Band 4	64QAM	1710.7	19957	1.4	6	0	1.234	Fig.37
Band 4	64QAM	1732.5	20175	1.4	6	0	1.228	Fig.38
Band 4	64QAM	1754.3	20393	1.4	6	0	1.228	Fig.39
Band 4	64QAM	1711.5	19965	3	15	0	2.996	Fig.40
Band 4	64QAM	1732.5	20175	3	15	0	2.944	Fig.41
Band 4	64QAM	1753.5	20385	3	15	0	2.983	Fig.42
Band 4	64QAM	1712.5	19975	5	25	0	4.884	Fig.43
Band 4	64QAM	1732.5	20175	5	25	0	4.884	Fig.44
Band 4	64QAM	1752.5	20375	5	25	0	4.884	Fig.45
Band 4	64QAM	1715	20000	10	50	0	9.682	Fig.46
Band 4	64QAM	1732.5	20175	10	50	0	9.725	Fig.47
Band 4	64QAM	1750	20350	10	50	0	9.768	Fig.48
Band 4	64QAM	1717.5	20025	15	75	0	14.653	Fig.49
Band 4	64QAM	1732.5	20175	15	75	0	14.718	Fig.50
Band 4	64QAM	1747.5	20325	15	75	0	14.653	Fig.51
Band 4	64QAM	1720	20050	20	100	0	19.450	Fig.52
Band 4	64QAM	1732.5	20175	20	100	0	19.450	Fig.53
Band 4	64QAM	1745	20300	20	100	0	19.450	Fig.54

Test Mode: QPSK

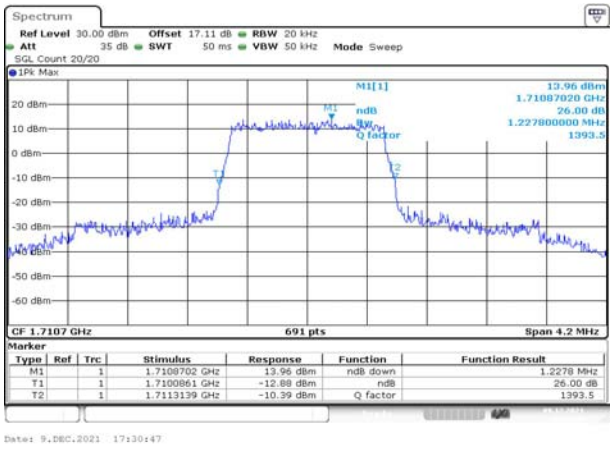


Fig.1

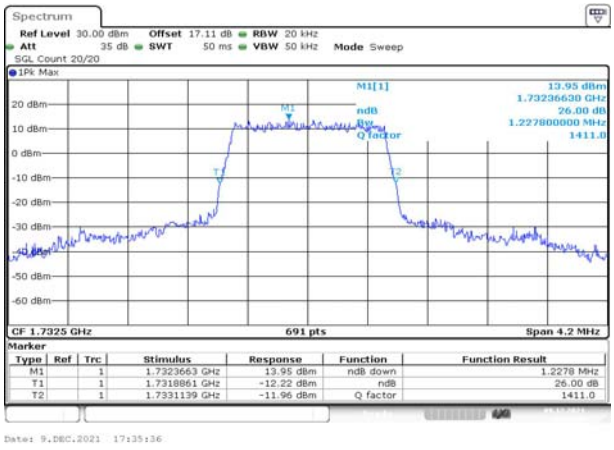


Fig.2

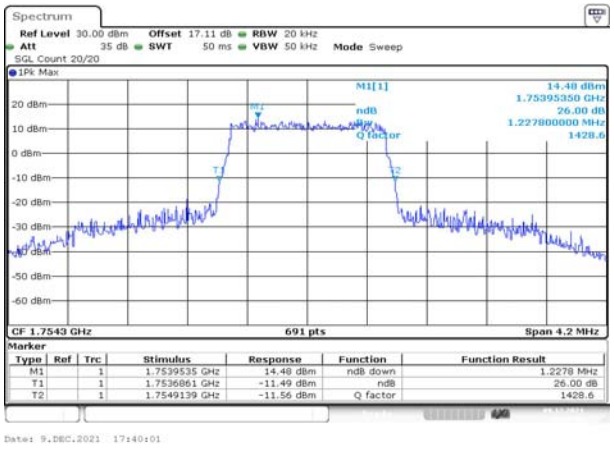


Fig.3

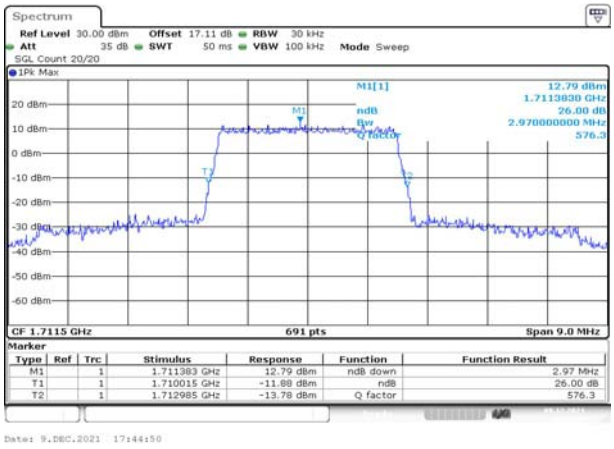


Fig.4

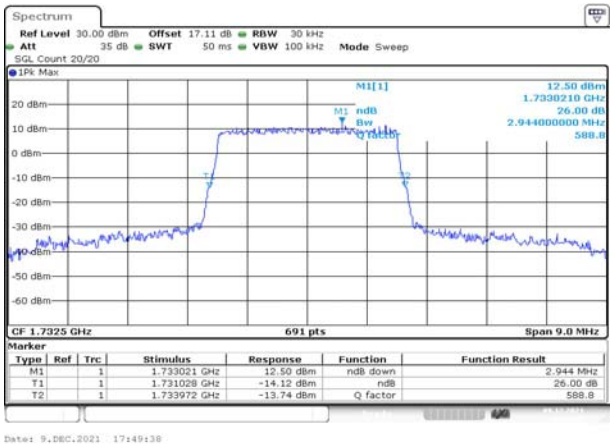


Fig.5

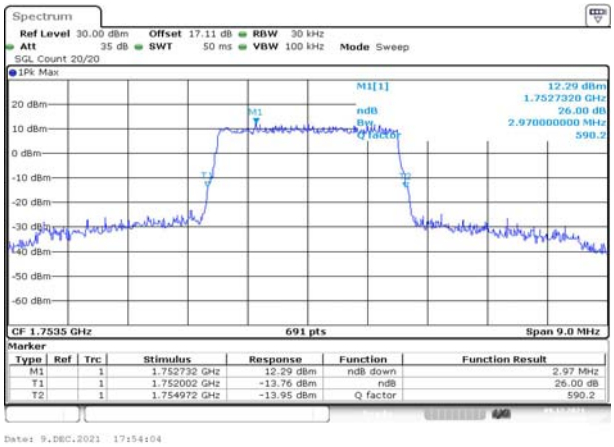


Fig.6

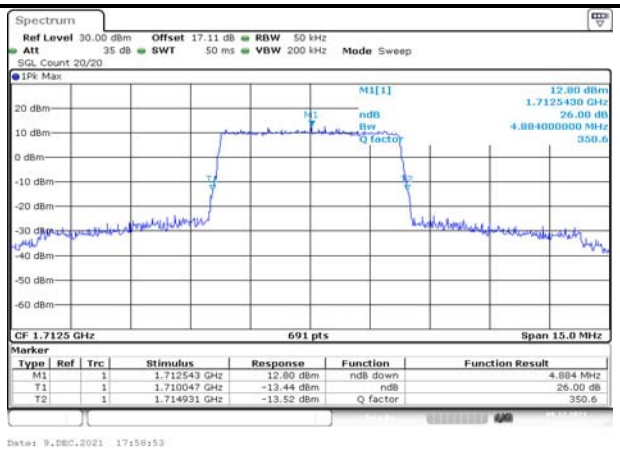


Fig.7

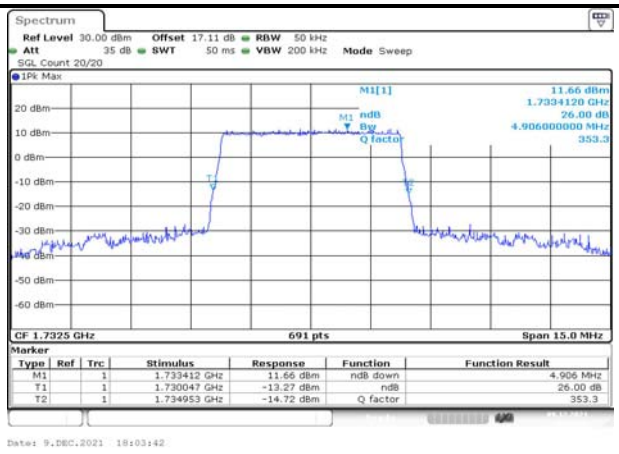


Fig.8

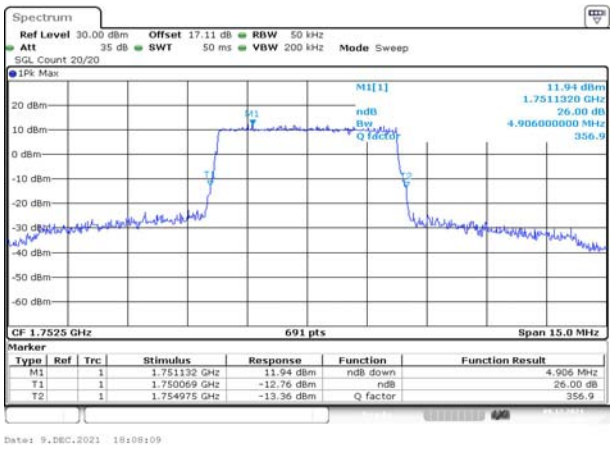


Fig.9

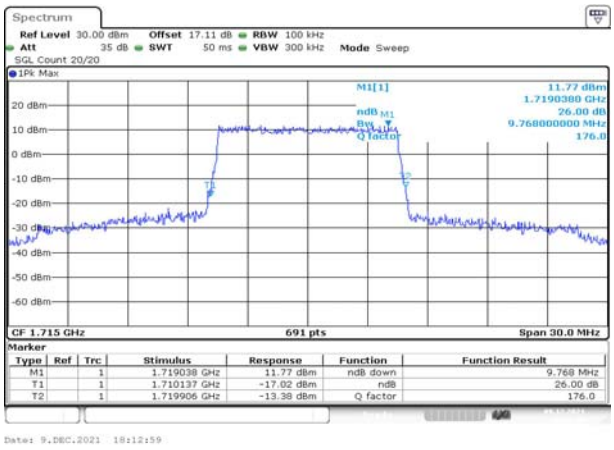


Fig.10

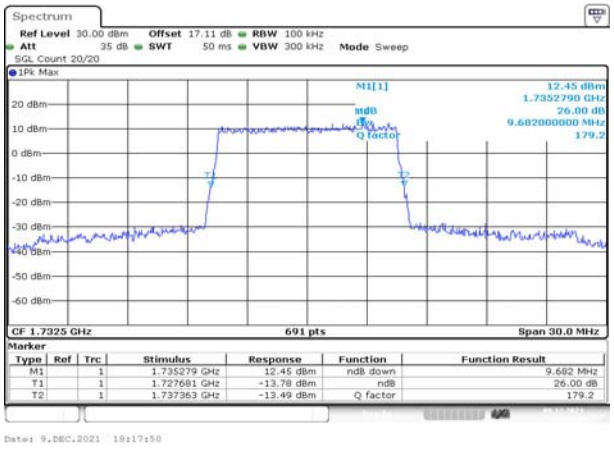


Fig.11

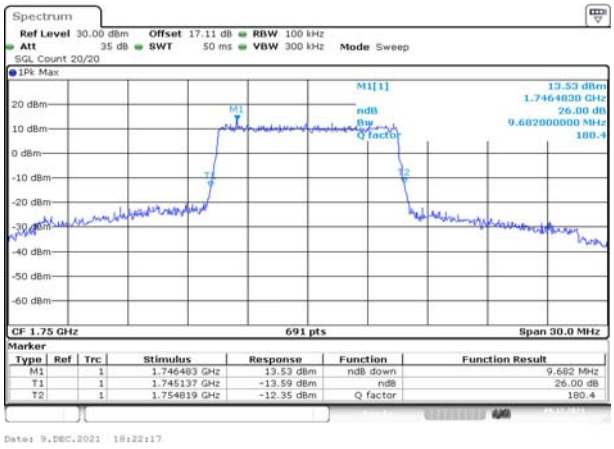


Fig.12

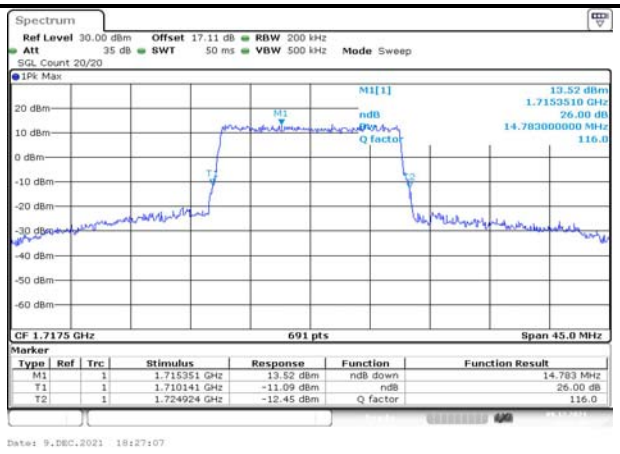


Fig.13

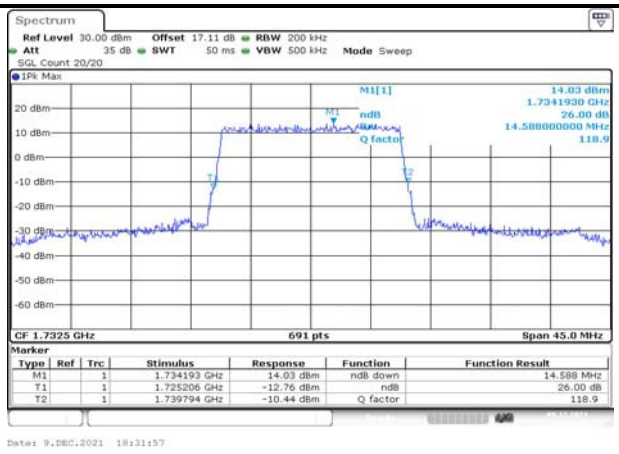


Fig.14

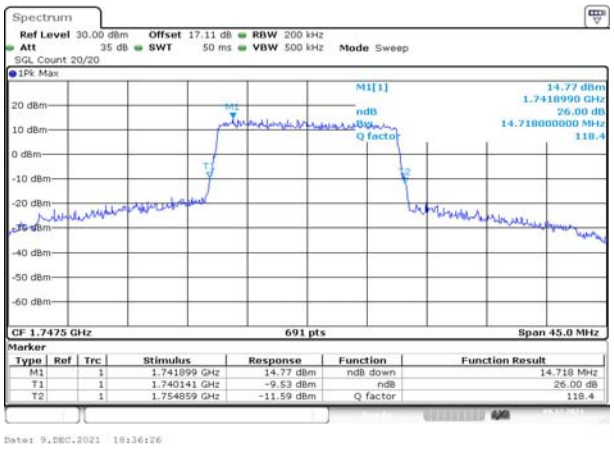


Fig.15

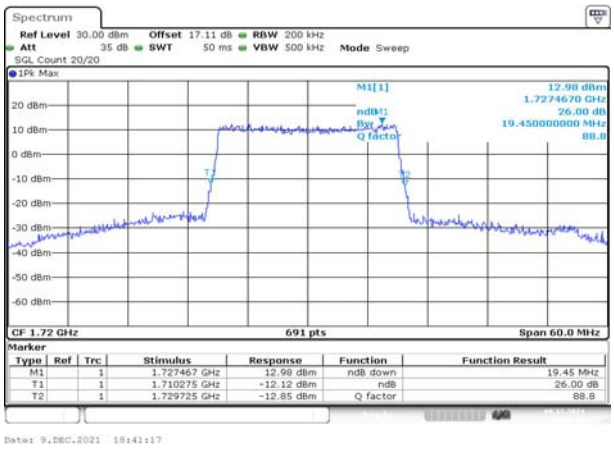


Fig.16

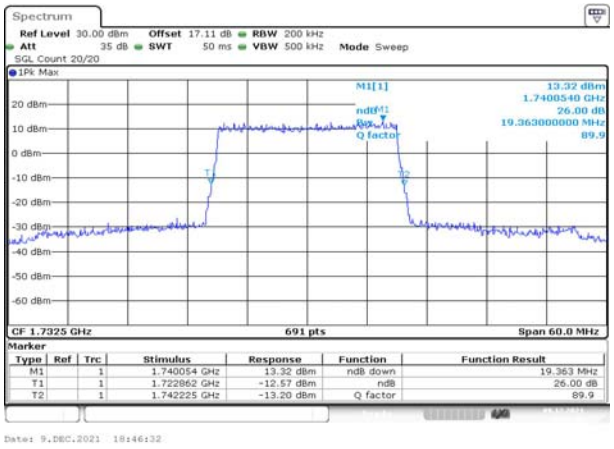


Fig.17

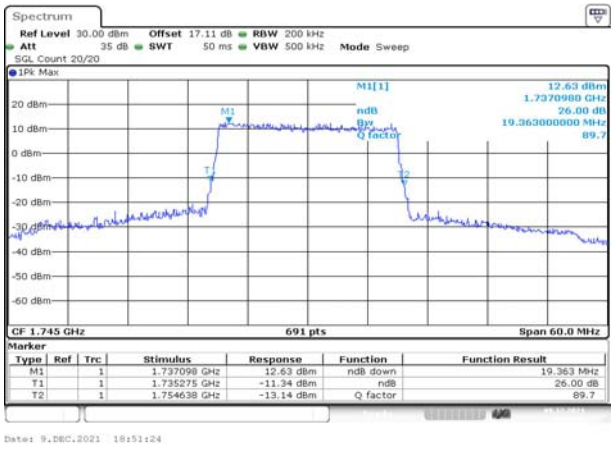


Fig.18

Test Mode: 16QAM

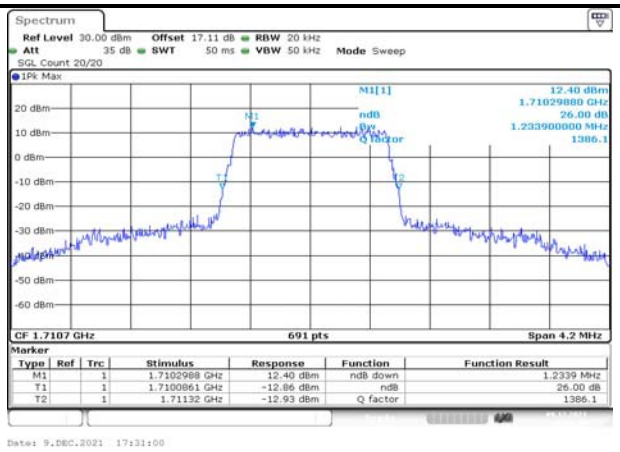


Fig.19

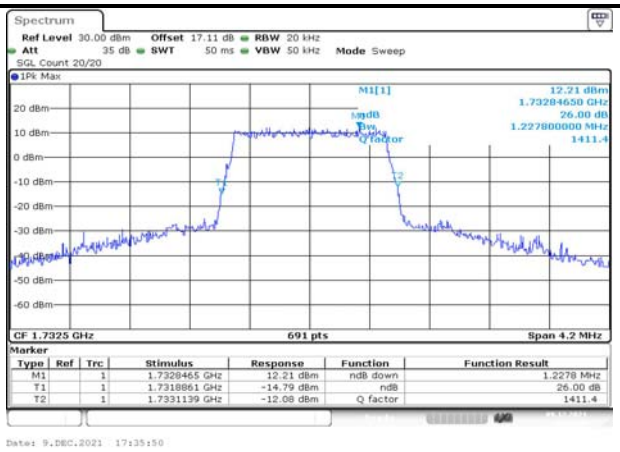


Fig.20

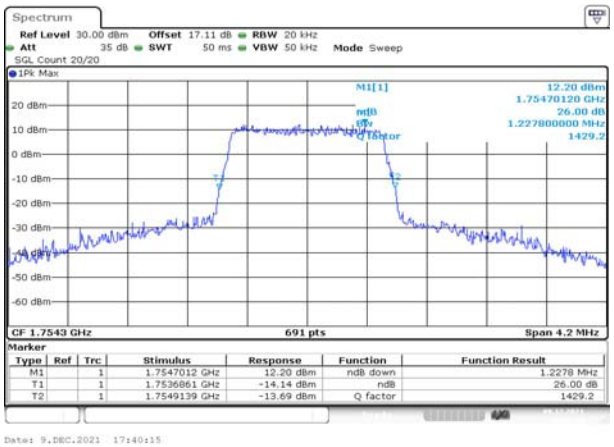


Fig.21

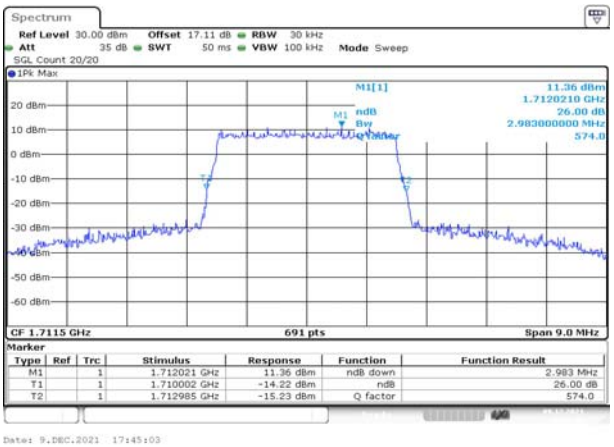


Fig.22

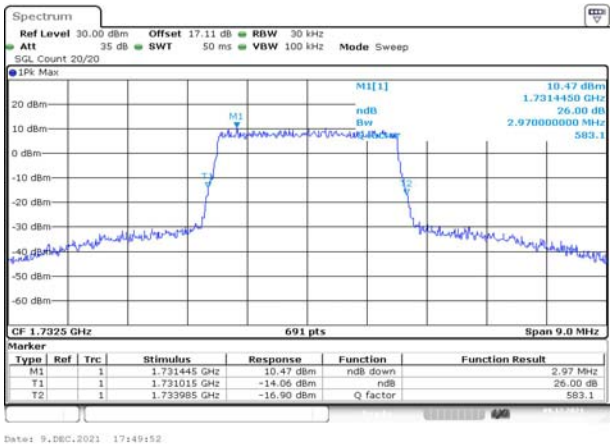


Fig.23

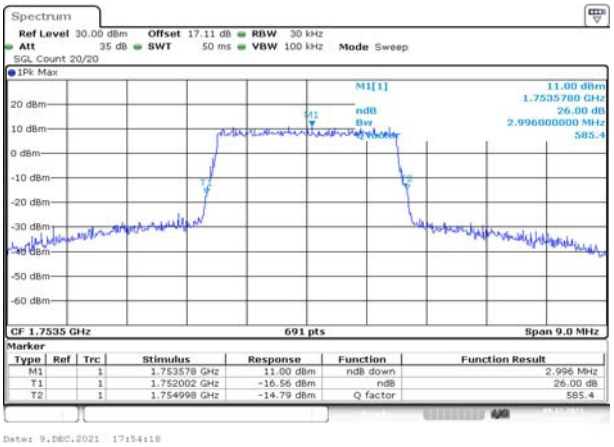


Fig.24

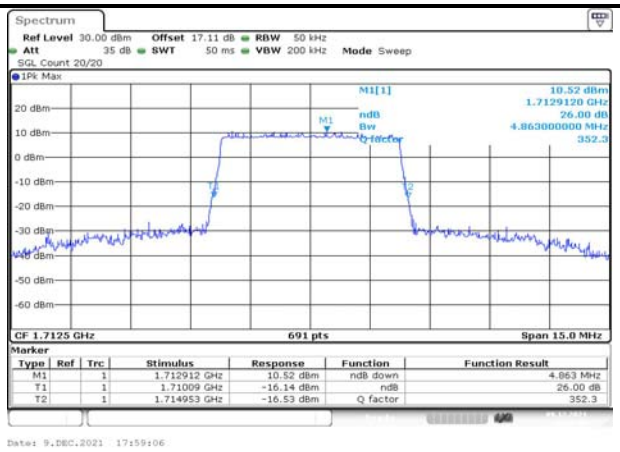


Fig.25

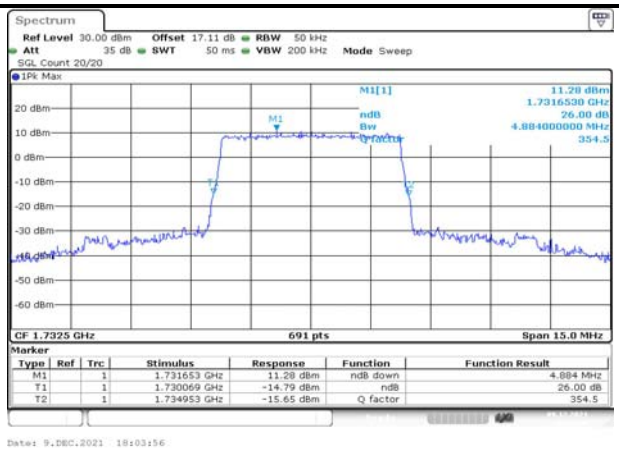


Fig.26

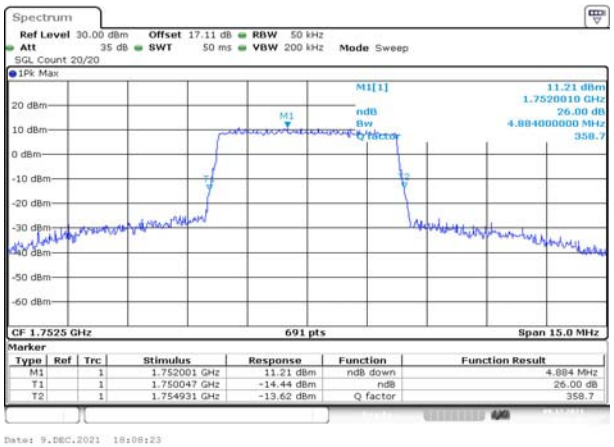


Fig.27

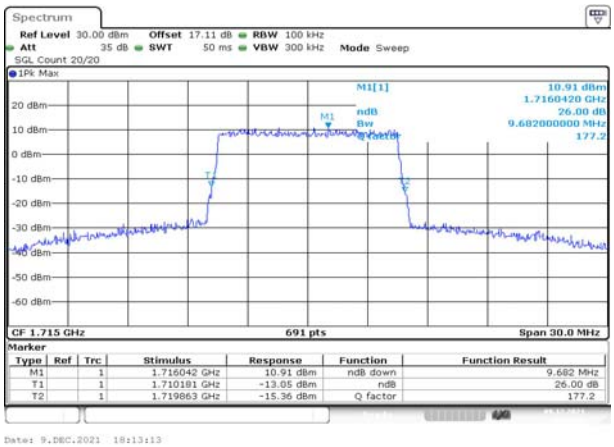


Fig.28

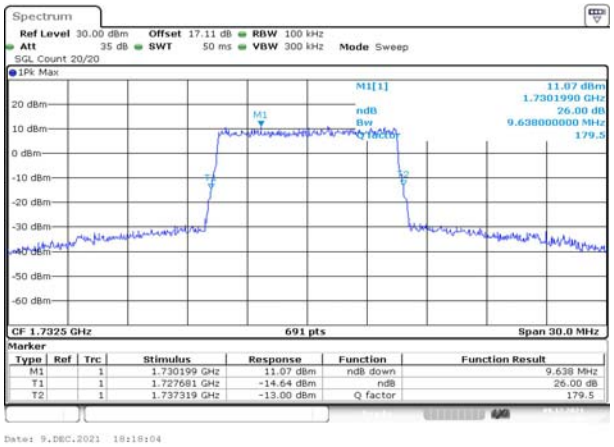


Fig.29

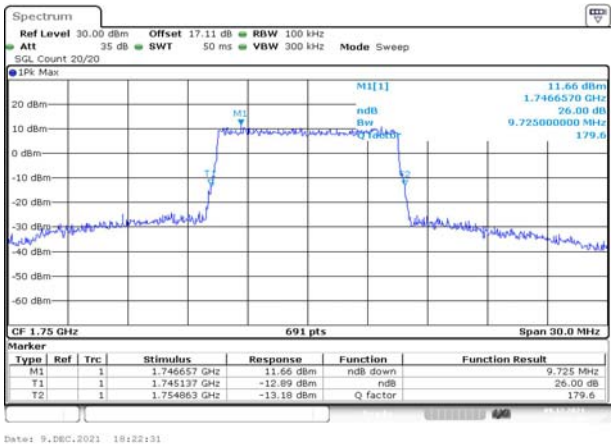


Fig.30

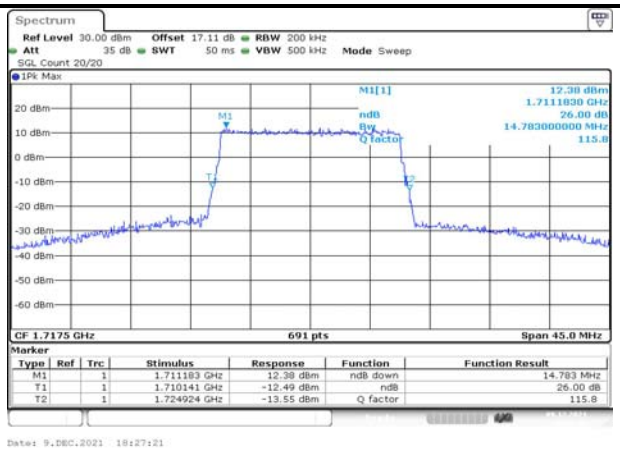


Fig.31

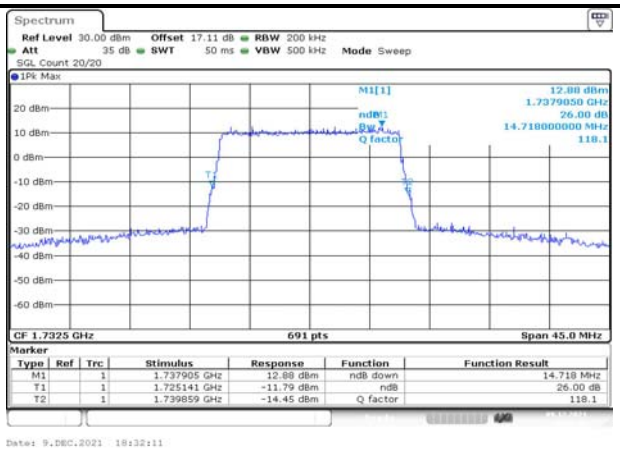


Fig.32

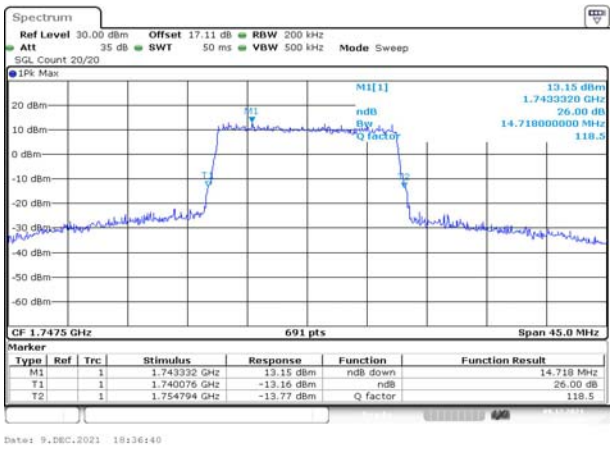


Fig.33

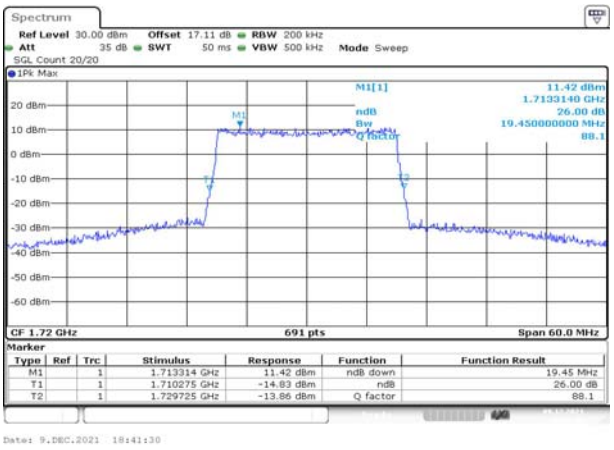


Fig.34

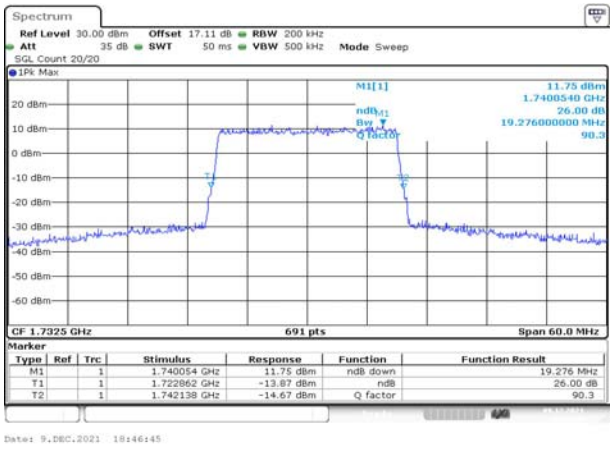


Fig.35

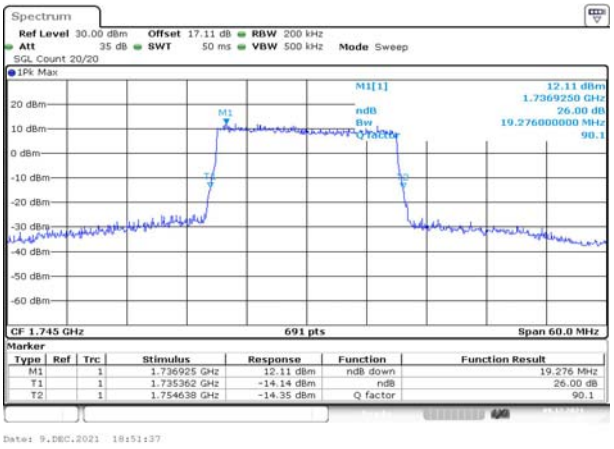


Fig.36

Test Mode: 64QAM

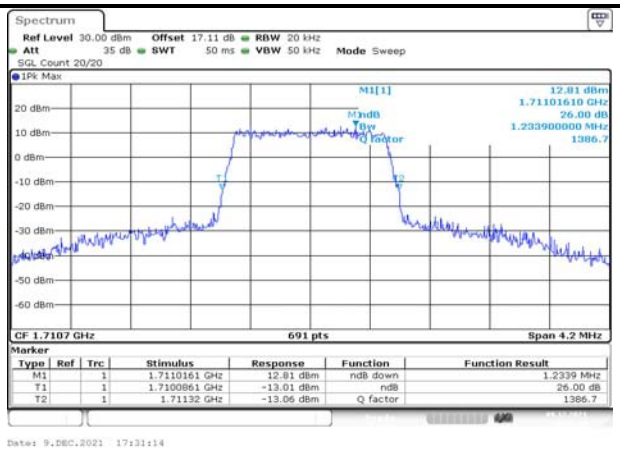


Fig.37

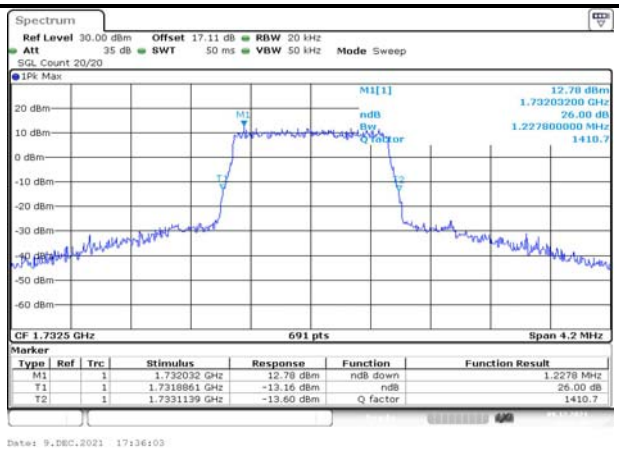


Fig.38

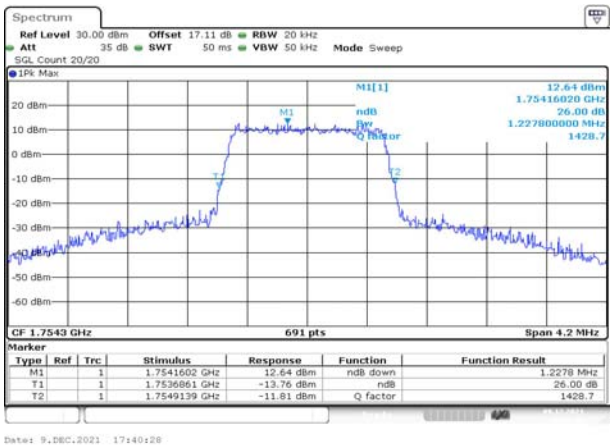


Fig.39

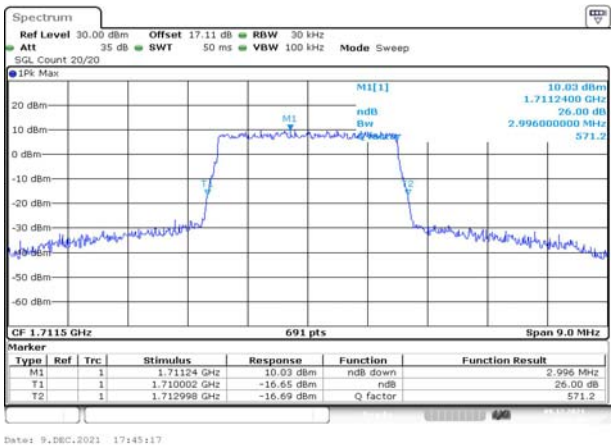


Fig.40

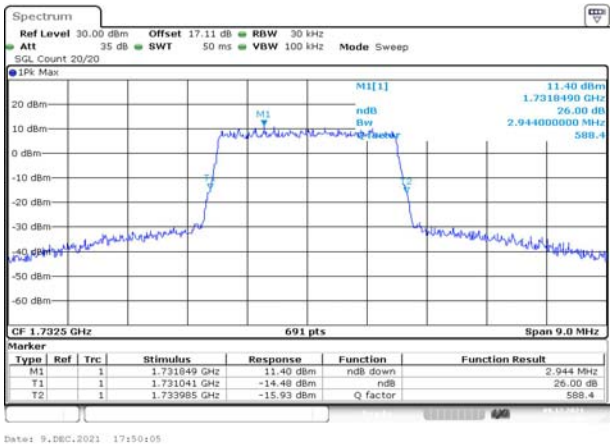


Fig.41

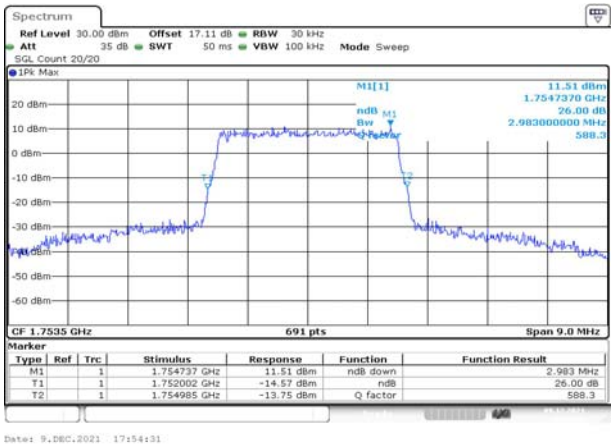


Fig.42

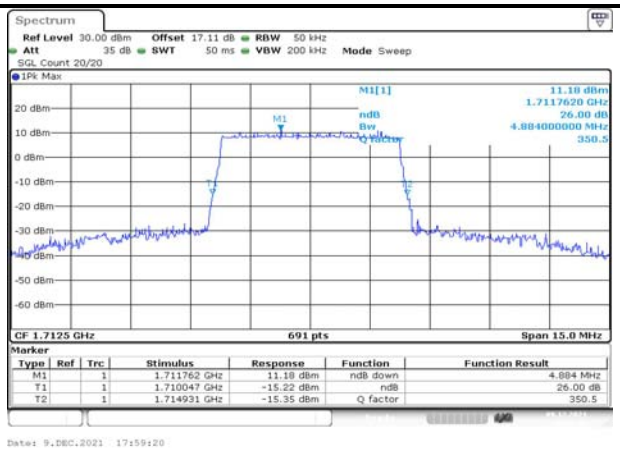


Fig.43

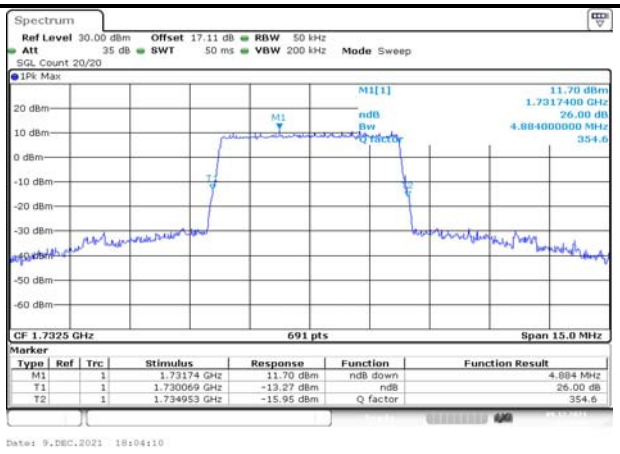


Fig.44

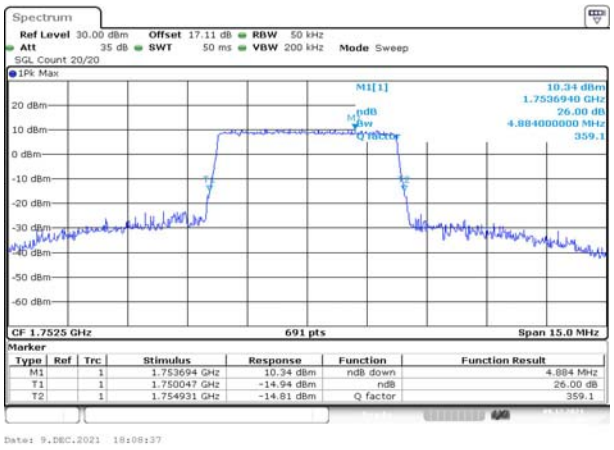


Fig.45

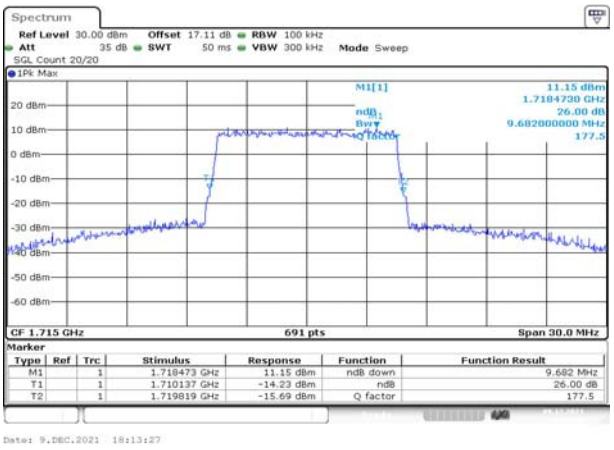


Fig.46

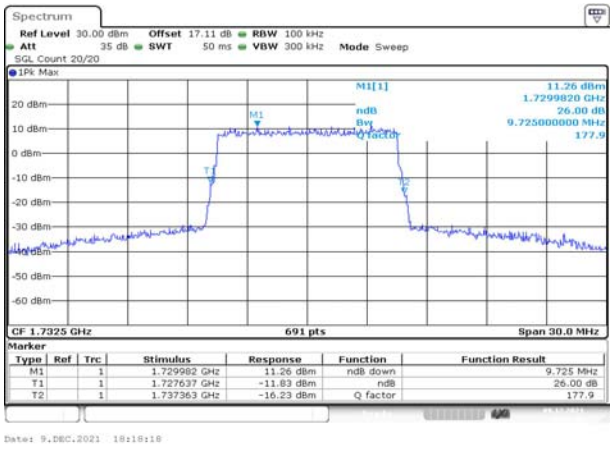


Fig.47

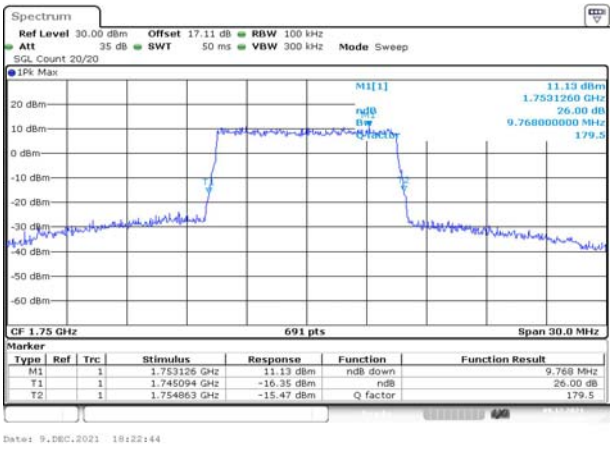


Fig.48

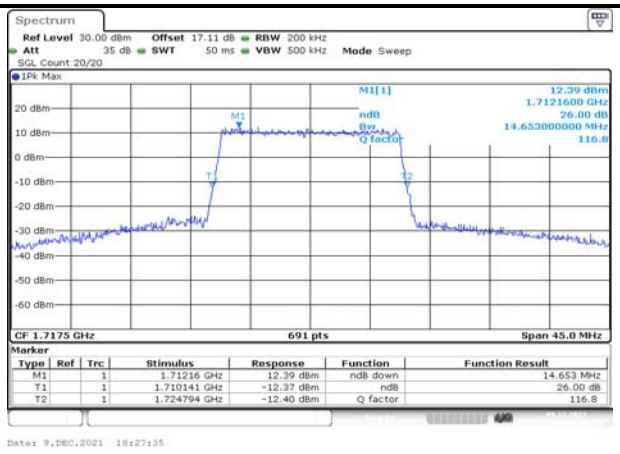


Fig.49

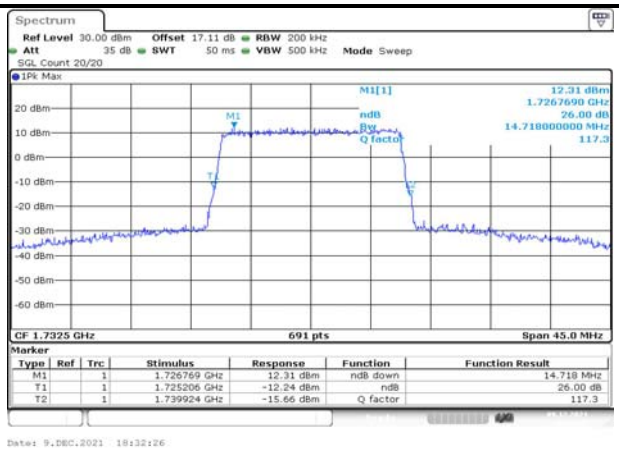


Fig.50

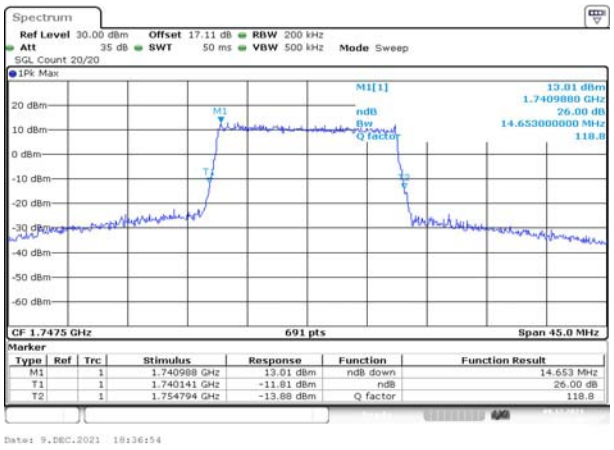


Fig.51

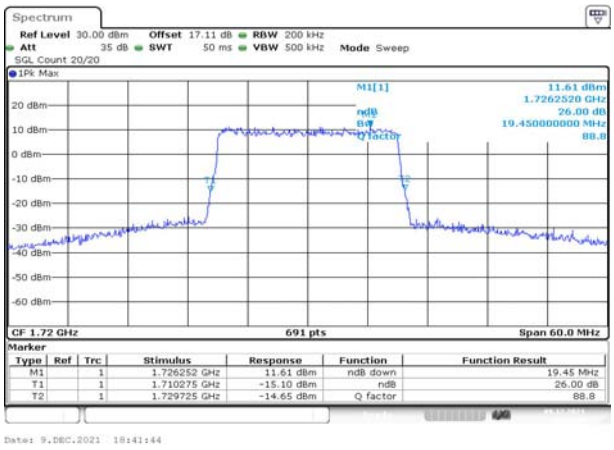


Fig.52

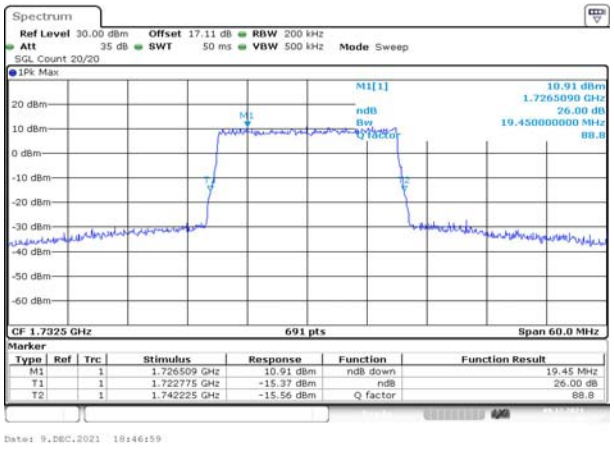


Fig.53

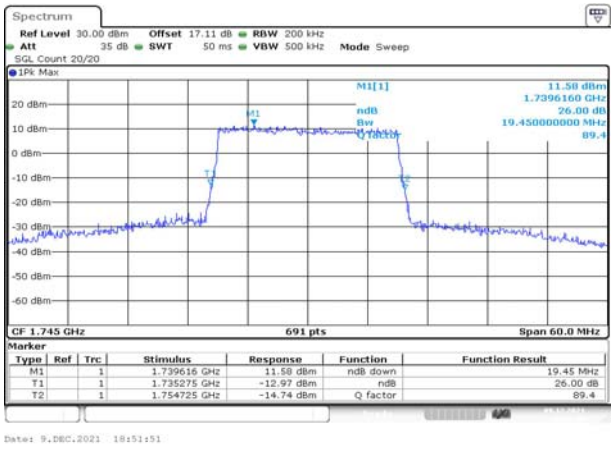


Fig.54

4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
4	1710.7	19957	1.4	1	5	Fig.1	Fig.2	Fig.3
4	1710.7	19957	1.4	6	0	Fig.4	Fig.5	Fig.6
4	1732.5	20175	1.4	1	5	Fig.7	Fig.8	Fig.9
4	1732.5	20175	1.4	6	0	Fig.10	Fig.11	Fig.12
4	1754.3	20393	1.4	1	5	Fig.13	Fig.14	Fig.15
4	1754.3	20393	1.4	6	0	Fig.16	Fig.17	Fig.18
4	1711.5	19965	3	1	14	Fig.19	Fig.20	Fig.21
4	1711.5	19965	3	15	0	Fig.22	Fig.23	Fig.24
4	1732.5	20175	3	1	14	Fig.25	Fig.26	Fig.27
4	1732.5	20175	3	15	0	Fig.28	Fig.29	Fig.30
4	1753.5	20385	3	1	14	Fig.31	Fig.32	Fig.33
4	1753.5	20385	3	15	0	Fig.34	Fig.35	Fig.36
4	1712.5	19975	5	1	24	Fig.37	Fig.38	Fig.39
4	1712.5	19975	5	25	0	Fig.40	Fig.41	Fig.42
4	1732.5	20175	5	1	24	Fig.43	Fig.44	Fig.45
4	1732.5	20175	5	25	0	Fig.46	Fig.47	Fig.48
4	1752.5	20375	5	1	24	Fig.49	Fig.50	Fig.51
4	1752.5	20375	5	25	0	Fig.52	Fig.53	Fig.54
4	1715	20000	10	1	49	Fig.55	Fig.56	Fig.57
4	1715	20000	10	50	0	Fig.58	Fig.59	Fig.60
4	1732.5	20175	10	1	49	Fig.61	Fig.62	Fig.63
4	1732.5	20175	10	50	0	Fig.64	Fig.65	Fig.66
4	1750	20350	10	1	49	Fig.67	Fig.68	Fig.69
4	1750	20350	10	50	0	Fig.70	Fig.71	Fig.72
4	1717.5	20025	15	1	74	Fig.73	Fig.74	Fig.75
4	1717.5	20025	15	75	0	Fig.76	Fig.77	Fig.78
4	1732.5	20175	15	1	74	Fig.79	Fig.80	Fig.81
4	1732.5	20175	15	75	0	Fig.82	Fig.83	Fig.84
4	1747.5	20325	15	1	74	Fig.85	Fig.86	Fig.87
4	1747.5	20325	15	75	0	Fig.88	Fig.89	Fig.90
4	1720	20050	20	1	99	Fig.91	Fig.92	Fig.93
4	1720	20050	20	100	0	Fig.94	Fig.95	Fig.96
4	1732.5	20175	20	1	99	Fig.97	Fig.98	Fig.99
4	1732.5	20175	20	100	0	Fig.100	Fig.101	Fig.102
4	1745	20300	20	1	99	Fig.103	Fig.104	Fig.105
4	1745	20300	20	100	0	Fig.106	Fig.107	Fig.108

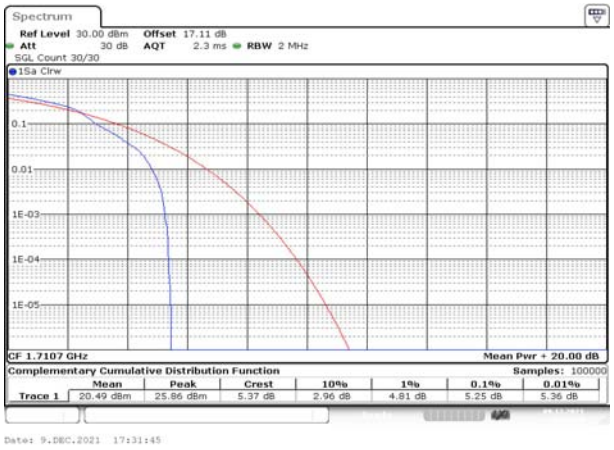


Fig.1

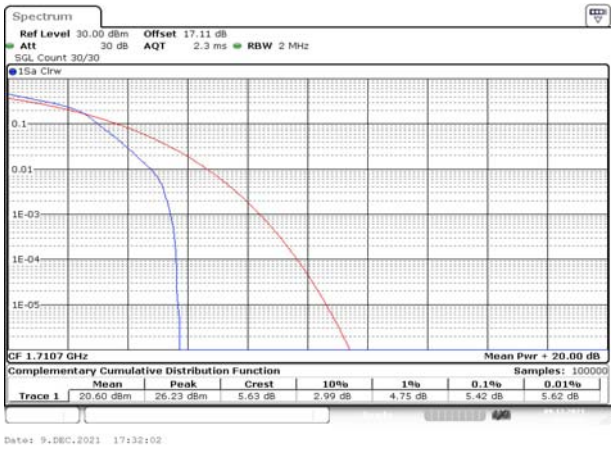


Fig.2

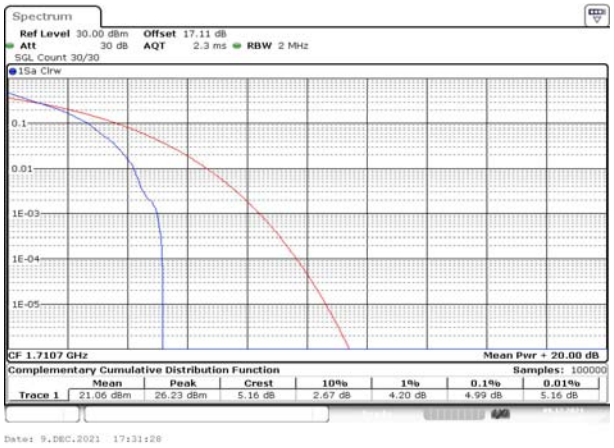


Fig.3

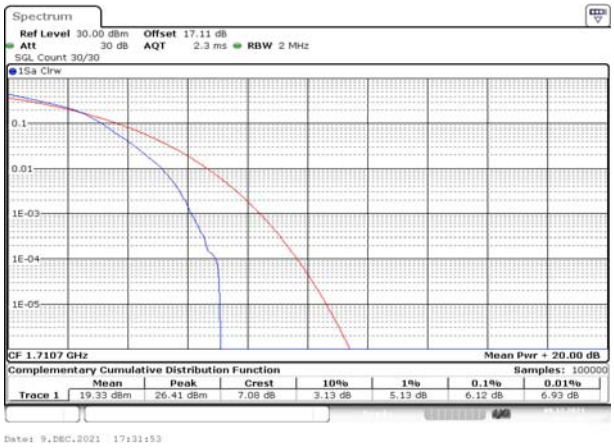


Fig.4

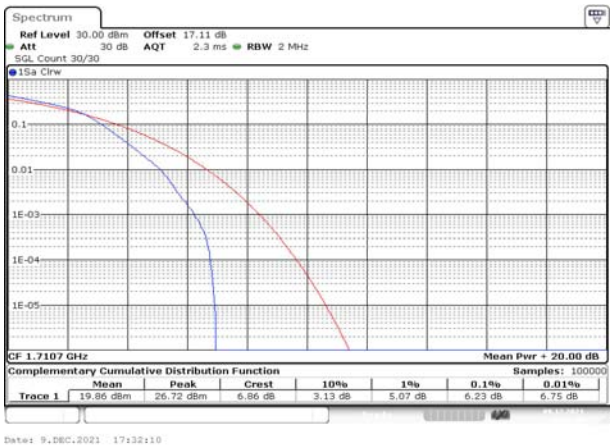


Fig.5

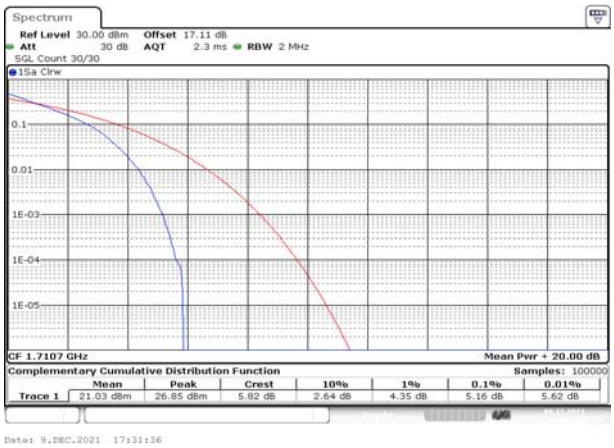


Fig.6

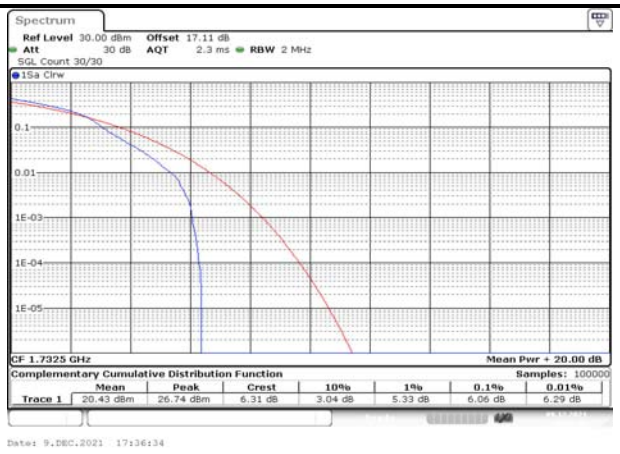


Fig.7

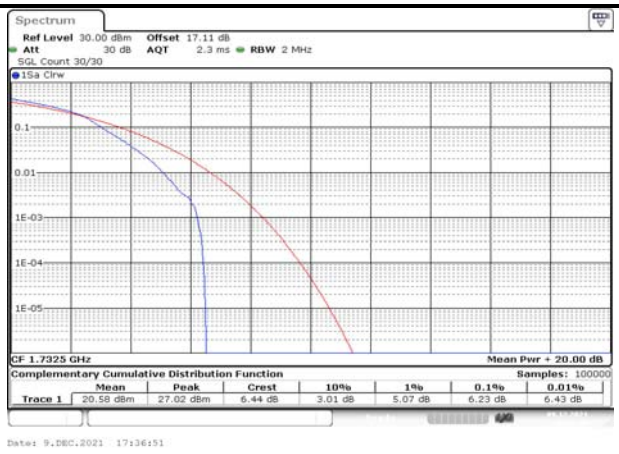


Fig.8

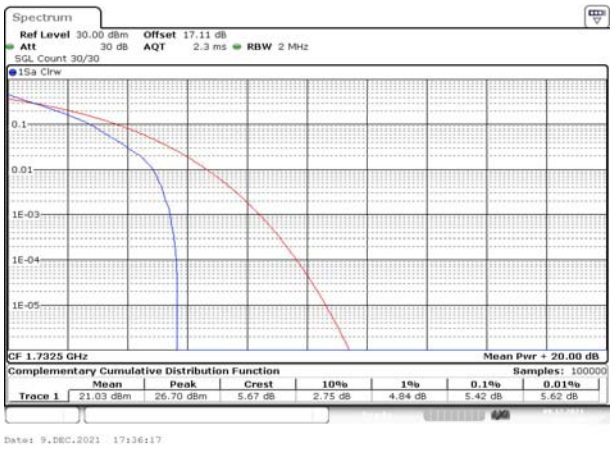


Fig.9

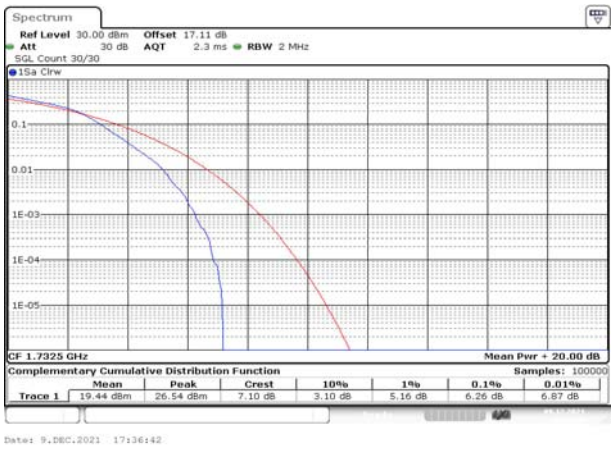


Fig.10

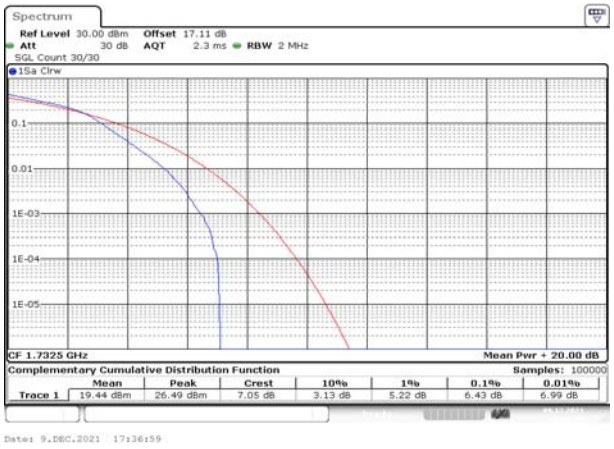


Fig.11

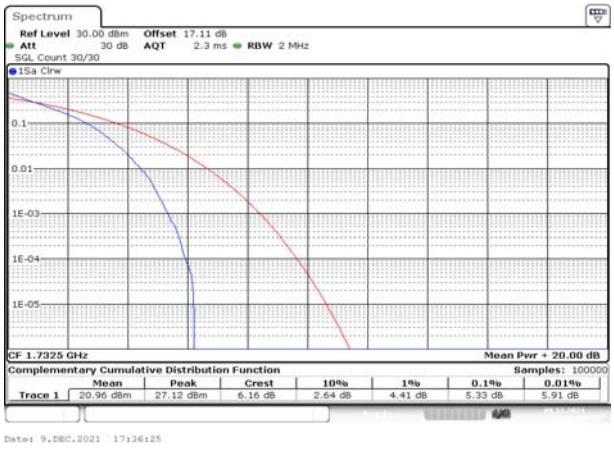


Fig.12

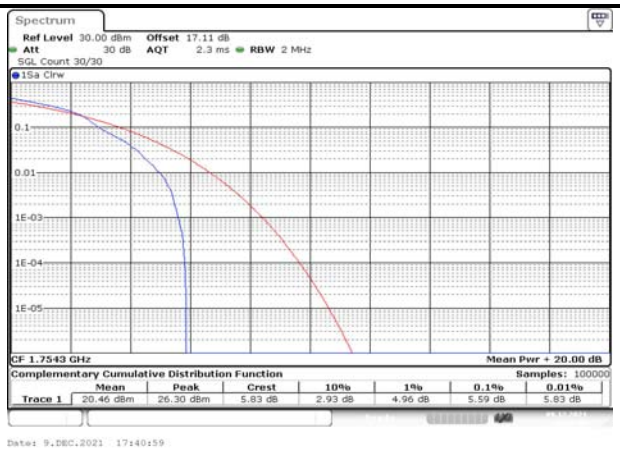


Fig.13

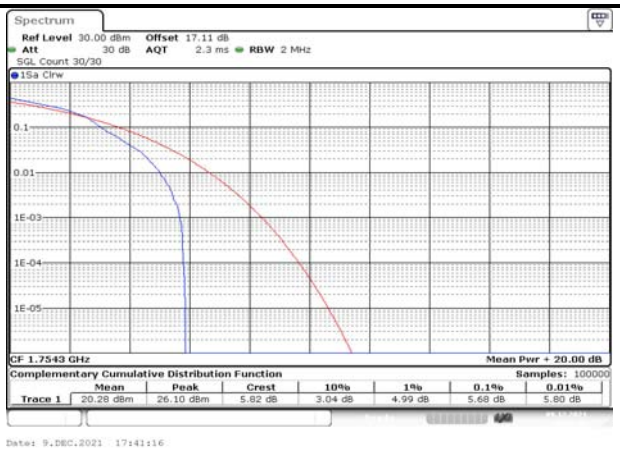


Fig.14

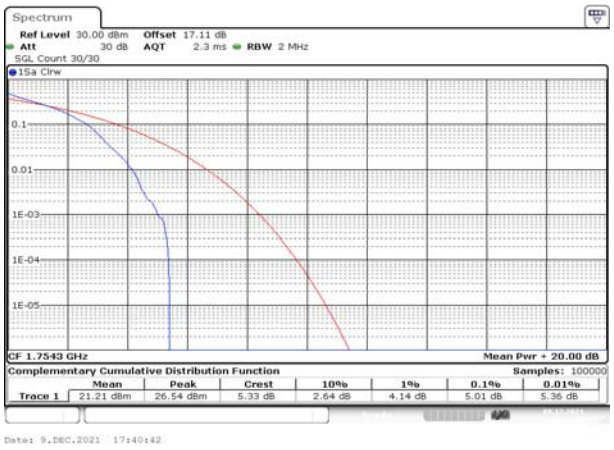


Fig.15

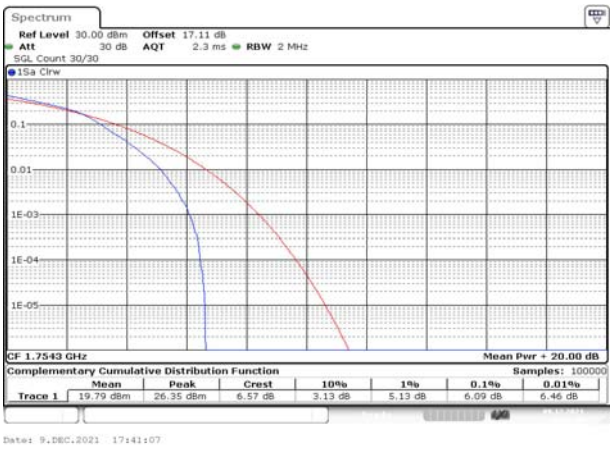


Fig.16

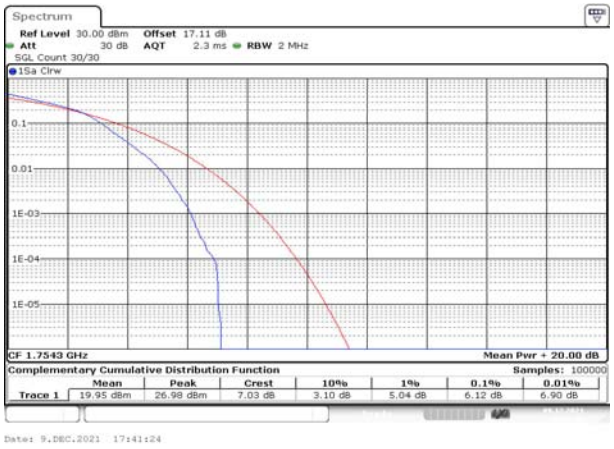


Fig.17

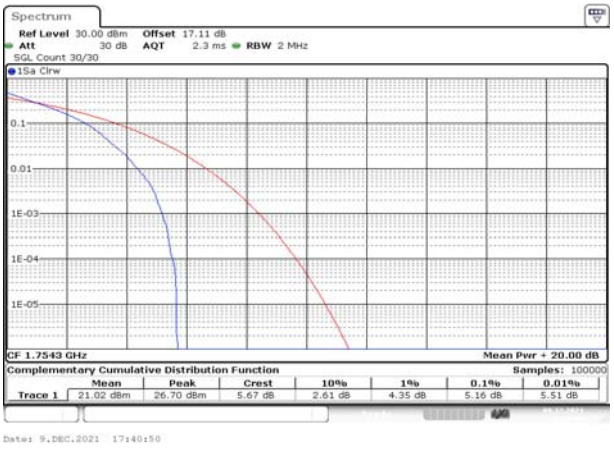


Fig.18

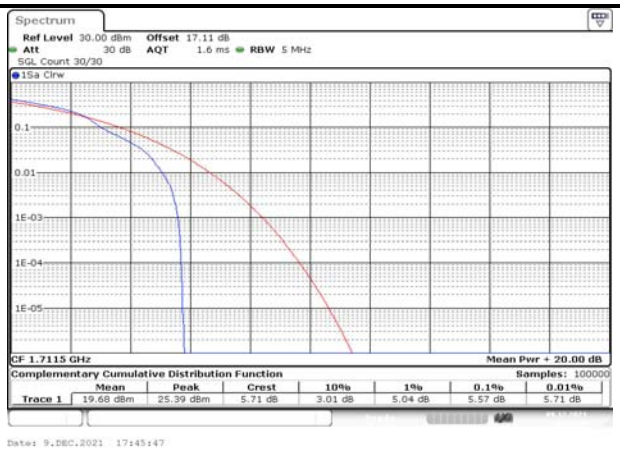


Fig.19

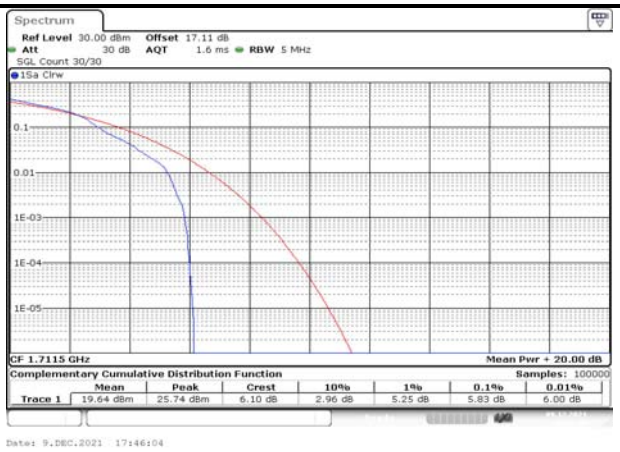


Fig.20

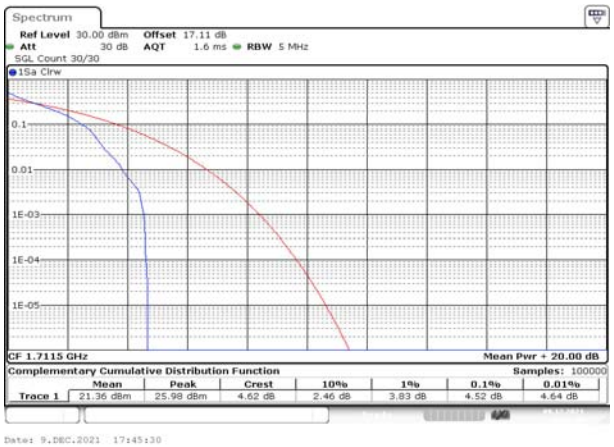


Fig.21

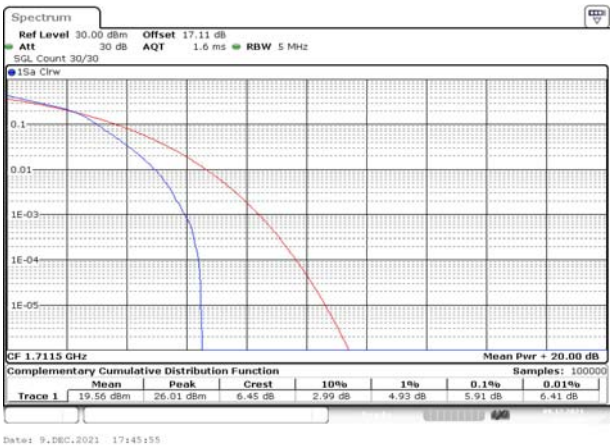


Fig.22

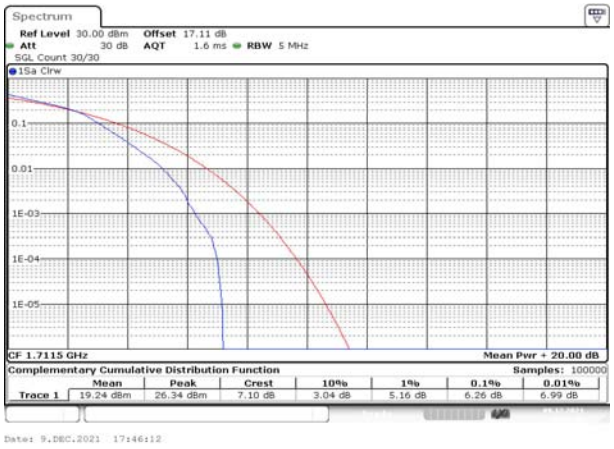


Fig.23

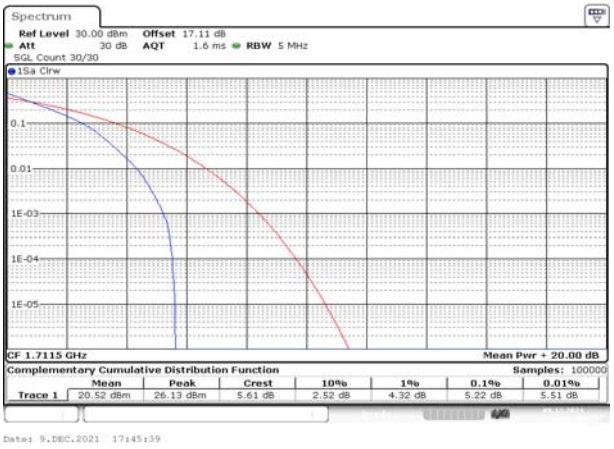


Fig.24

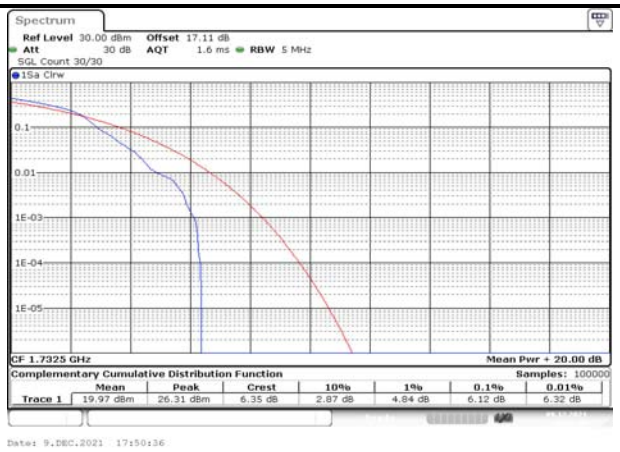


Fig.25

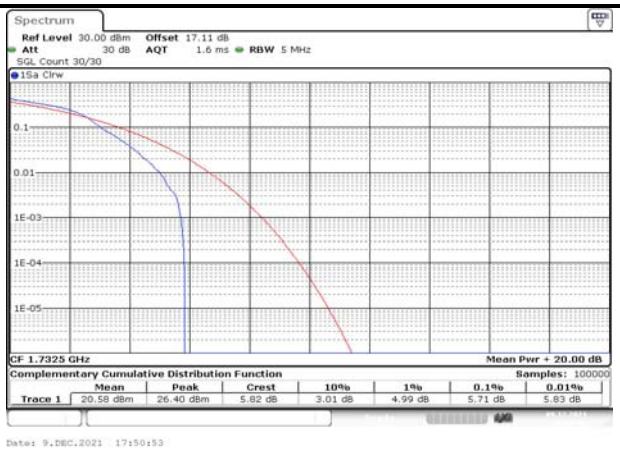


Fig.26

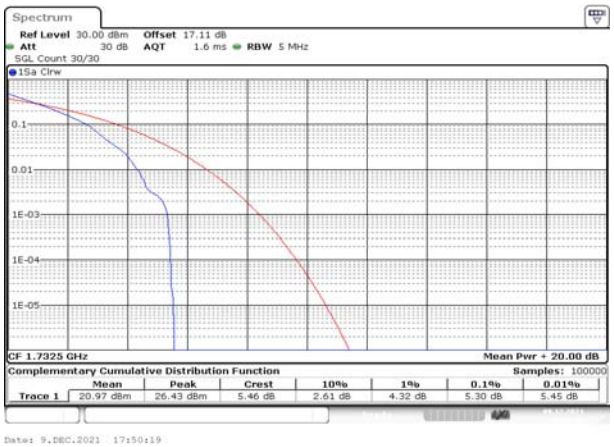


Fig.27

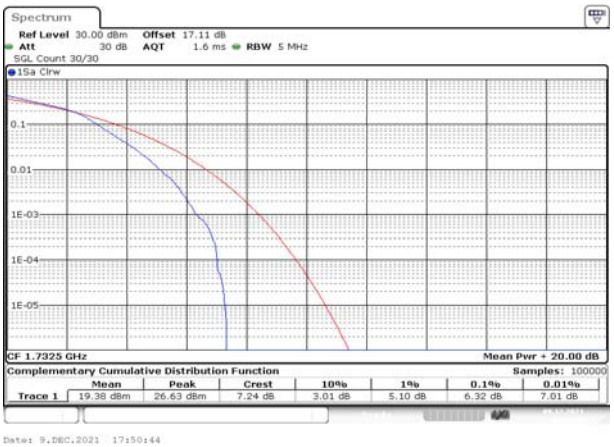


Fig.28

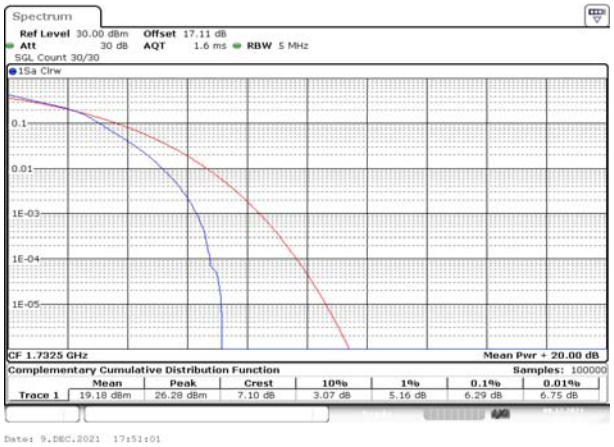


Fig.29

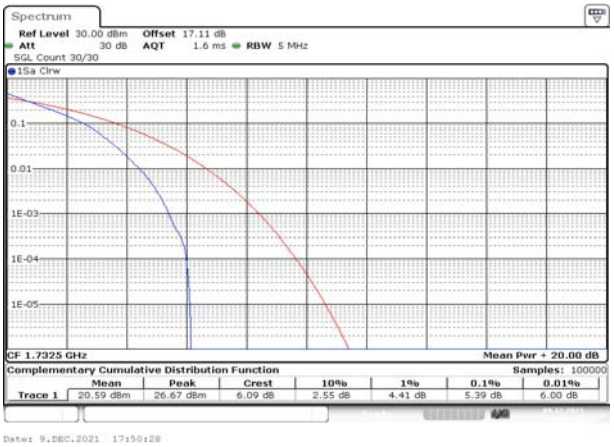


Fig.30

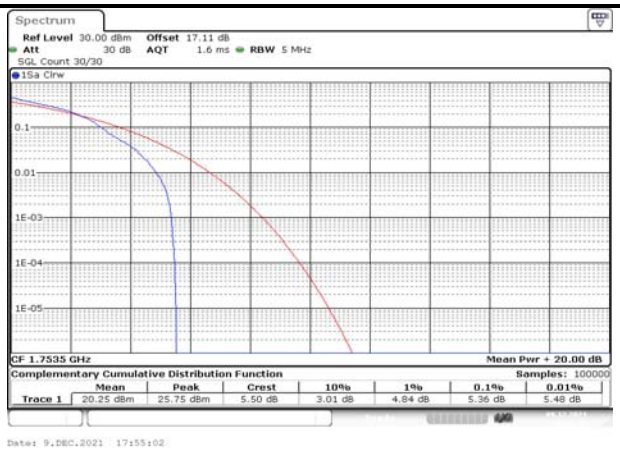


Fig.31

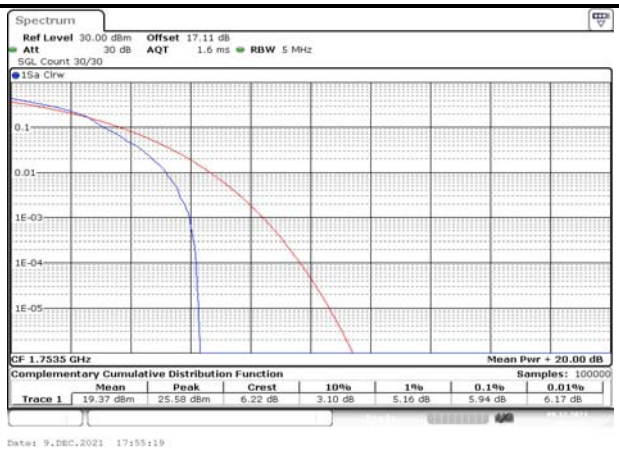


Fig.32

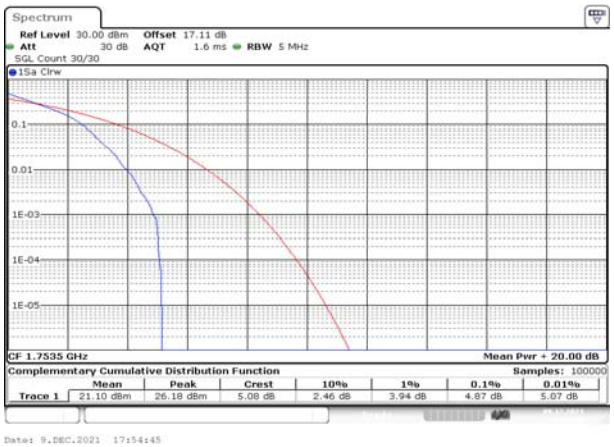


Fig.33

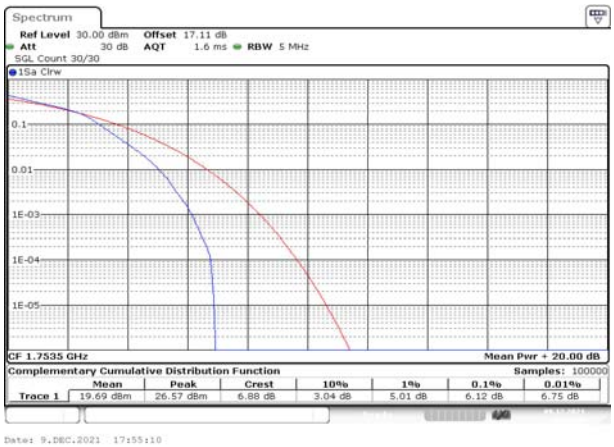


Fig.34

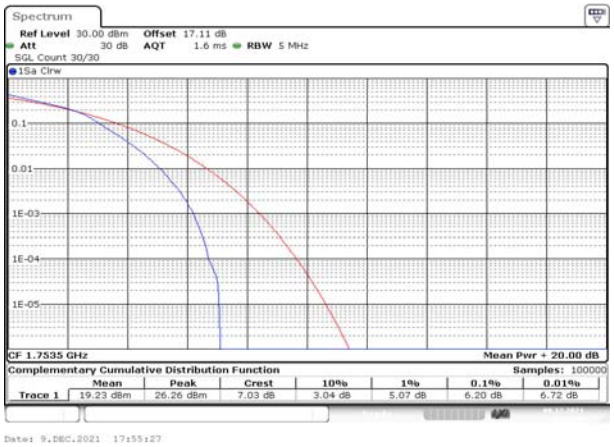


Fig.35

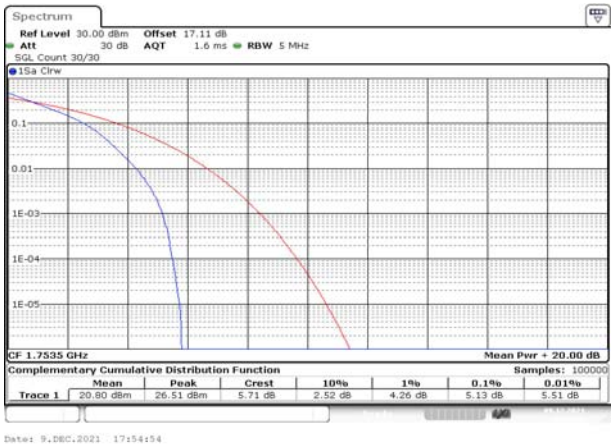


Fig.36

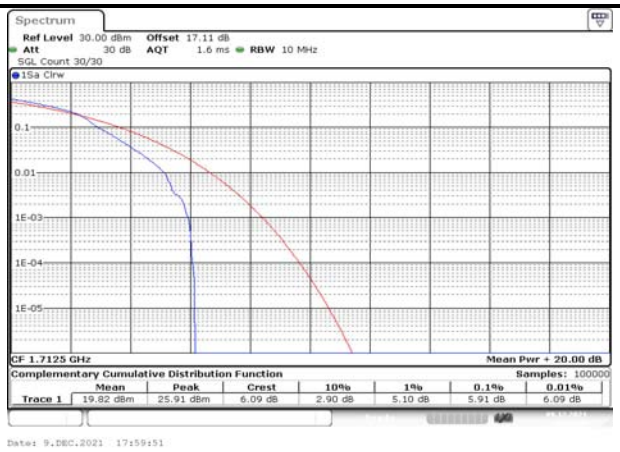


Fig.37

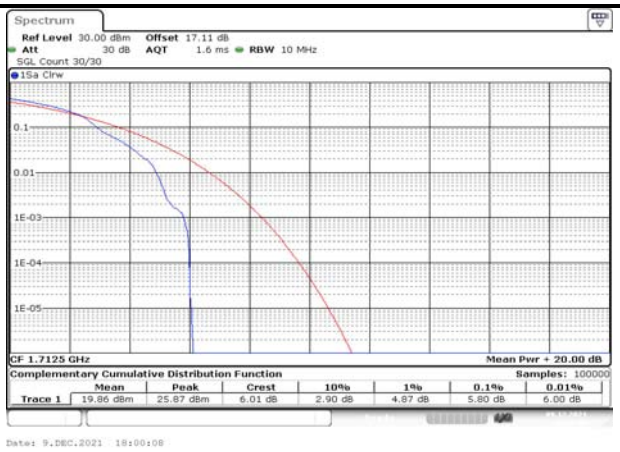
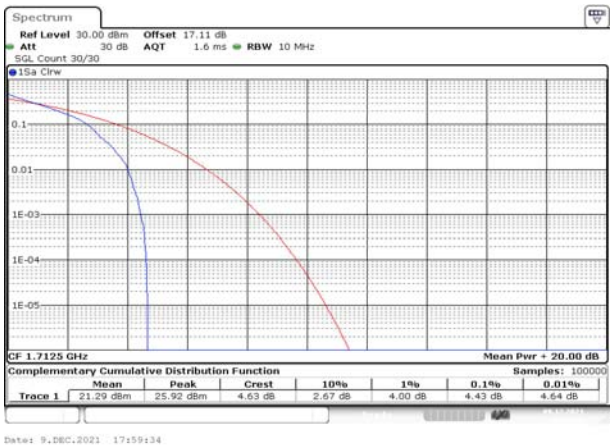


Fig.38



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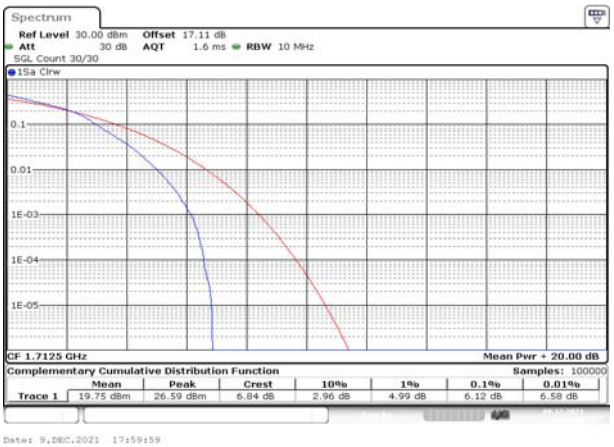


Fig.40

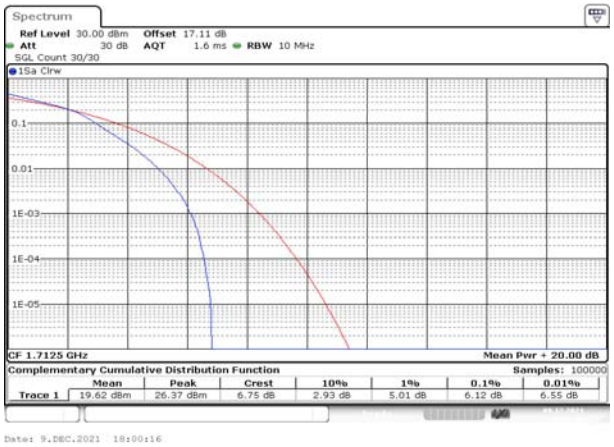


Fig.41

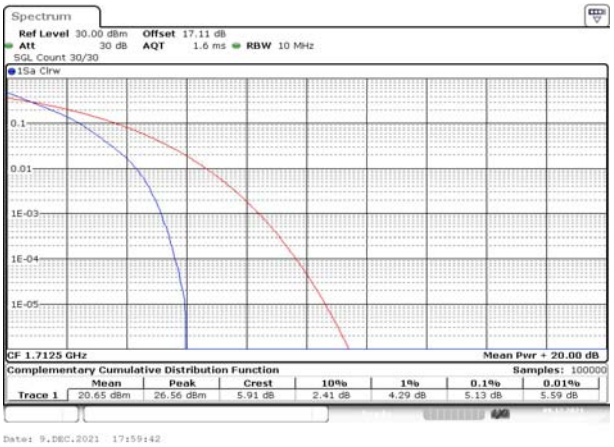
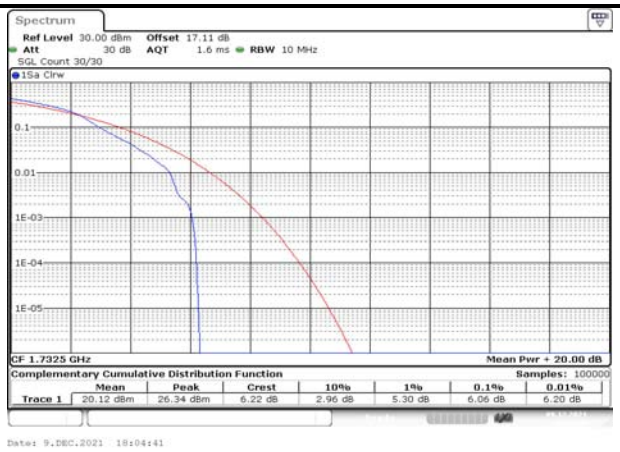


Fig.42



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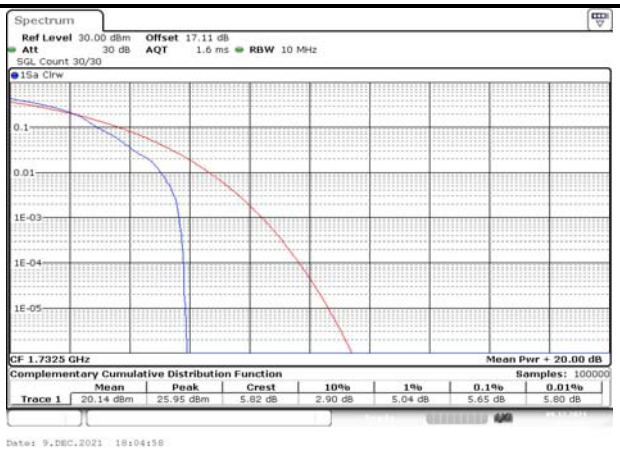


Fig.44

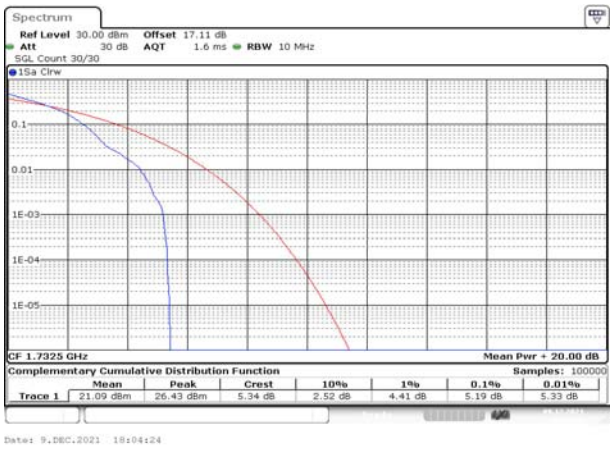
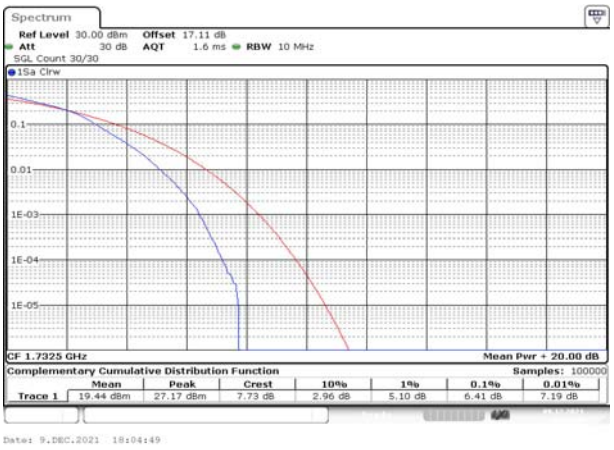


Fig.45



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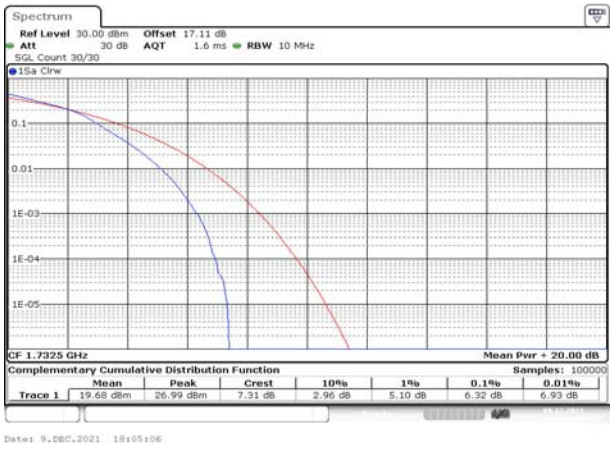

Fig.47

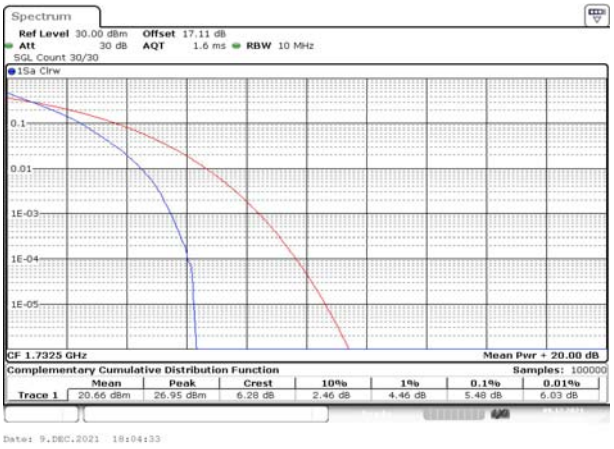

Fig.48