

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	23.10
16QAM	1710.7	19957	1.4	1	3	23.32
16QAM	1710.7	19957	1.4	1	5	23.08
16QAM	1710.7	19957	1.4	3	0	22.74
16QAM	1710.7	19957	1.4	3	1	22.85
16QAM	1710.7	19957	1.4	3	3	22.80
16QAM	1710.7	19957	1.4	6	0	22.05
16QAM	1732.5	20175	1.4	1	0	22.63
16QAM	1732.5	20175	1.4	1	3	23.02
16QAM	1732.5	20175	1.4	1	5	22.74
16QAM	1732.5	20175	1.4	3	0	22.80
16QAM	1732.5	20175	1.4	3	1	22.98
16QAM	1732.5	20175	1.4	3	3	22.78
16QAM	1732.5	20175	1.4	6	0	21.95
16QAM	1754.3	20393	1.4	1	0	22.70
16QAM	1754.3	20393	1.4	1	3	23.37
16QAM	1754.3	20393	1.4	1	5	22.78
16QAM	1754.3	20393	1.4	3	0	22.77
16QAM	1754.3	20393	1.4	3	1	23.02
16QAM	1754.3	20393	1.4	3	3	22.46
16QAM	1754.3	20393	1.4	6	0	21.91
64QAM	1710.7	19957	1.4	1	0	22.08
64QAM	1710.7	19957	1.4	1	3	22.26
64QAM	1710.7	19957	1.4	1	5	22.04
64QAM	1710.7	19957	1.4	3	0	21.86
64QAM	1710.7	19957	1.4	3	1	21.91
64QAM	1710.7	19957	1.4	3	3	21.83
64QAM	1710.7	19957	1.4	6	0	21.03
64QAM	1732.5	20175	1.4	1	0	22.11
64QAM	1732.5	20175	1.4	1	3	22.33
64QAM	1732.5	20175	1.4	1	5	22.12
64QAM	1732.5	20175	1.4	3	0	22.18
64QAM	1732.5	20175	1.4	3	1	22.27
64QAM	1732.5	20175	1.4	3	3	22.24
64QAM	1732.5	20175	1.4	6	0	20.80
64QAM	1754.3	20393	1.4	1	0	21.81
64QAM	1754.3	20393	1.4	1	3	22.19
64QAM	1754.3	20393	1.4	1	5	22.04
64QAM	1754.3	20393	1.4	3	0	21.77
64QAM	1754.3	20393	1.4	3	1	22.11
64QAM	1754.3	20393	1.4	3	3	22.07
64QAM	1754.3	20393	1.4	6	0	21.17

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1710.7	19957	1.4	1	0	23.89
QPSK	1710.7	19957	1.4	1	3	24.20
QPSK	1710.7	19957	1.4	1	5	23.93
QPSK	1710.7	19957	1.4	3	0	23.98
QPSK	1710.7	19957	1.4	3	1	23.93
QPSK	1710.7	19957	1.4	3	3	24.00
QPSK	1710.7	19957	1.4	6	0	22.95
QPSK	1732.5	20175	1.4	1	0	23.70
QPSK	1732.5	20175	1.4	1	3	23.83
QPSK	1732.5	20175	1.4	1	5	23.72
QPSK	1732.5	20175	1.4	3	0	23.90
QPSK	1732.5	20175	1.4	3	1	23.84
QPSK	1732.5	20175	1.4	3	3	23.76
QPSK	1732.5	20175	1.4	6	0	22.76
QPSK	1754.3	20393	1.4	1	0	23.81
QPSK	1754.3	20393	1.4	1	3	24.12
QPSK	1754.3	20393	1.4	1	5	23.85
QPSK	1754.3	20393	1.4	3	0	23.98
QPSK	1754.3	20393	1.4	3	1	23.69
QPSK	1754.3	20393	1.4	3	3	23.55
QPSK	1754.3	20393	1.4	6	0	22.88

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1711.5	19965	3	1	0	22.98
16QAM	1711.5	19965	3	1	8	23.01
16QAM	1711.5	19965	3	1	14	23.01
16QAM	1711.5	19965	3	8	0	21.50
16QAM	1711.5	19965	3	8	4	22.02
16QAM	1711.5	19965	3	8	7	21.74
16QAM	1711.5	19965	3	15	0	21.83
16QAM	1732.5	20175	3	1	0	22.45
16QAM	1732.5	20175	3	1	8	22.49
16QAM	1732.5	20175	3	1	14	22.51
16QAM	1732.5	20175	3	8	0	21.39
16QAM	1732.5	20175	3	8	4	21.41
16QAM	1732.5	20175	3	8	7	21.68
16QAM	1732.5	20175	3	15	0	21.41
16QAM	1753.5	20385	3	1	0	22.65
16QAM	1753.5	20385	3	1	8	22.64
16QAM	1753.5	20385	3	1	14	22.65
16QAM	1753.5	20385	3	8	0	21.45
16QAM	1753.5	20385	3	8	4	21.45
16QAM	1753.5	20385	3	8	7	21.36
16QAM	1753.5	20385	3	15	0	21.38
64QAM	1711.5	19965	3	1	0	22.24
64QAM	1711.5	19965	3	1	8	22.26
64QAM	1711.5	19965	3	1	14	22.04
64QAM	1711.5	19965	3	8	0	20.97
64QAM	1711.5	19965	3	8	4	21.09
64QAM	1711.5	19965	3	8	7	21.05
64QAM	1711.5	19965	3	15	0	20.98
64QAM	1732.5	20175	3	1	0	21.55
64QAM	1732.5	20175	3	1	8	21.78
64QAM	1732.5	20175	3	1	14	21.96
64QAM	1732.5	20175	3	8	0	20.82
64QAM	1732.5	20175	3	8	4	20.90
64QAM	1732.5	20175	3	8	7	20.81
64QAM	1732.5	20175	3	15	0	20.82
64QAM	1753.5	20385	3	1	0	21.63
64QAM	1753.5	20385	3	1	8	21.59
64QAM	1753.5	20385	3	1	14	21.55
64QAM	1753.5	20385	3	8	0	20.74
64QAM	1753.5	20385	3	8	4	20.85
64QAM	1753.5	20385	3	8	7	20.92
64QAM	1753.5	20385	3	15	0	20.98

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1711.5	19965	3	1	0	23.93
QPSK	1711.5	19965	3	1	8	23.63
QPSK	1711.5	19965	3	1	14	23.40
QPSK	1711.5	19965	3	8	0	22.94
QPSK	1711.5	19965	3	8	4	22.66
QPSK	1711.5	19965	3	8	7	22.76
QPSK	1711.5	19965	3	15	0	22.98
QPSK	1732.5	20175	3	1	0	23.22
QPSK	1732.5	20175	3	1	8	23.32
QPSK	1732.5	20175	3	1	14	23.22
QPSK	1732.5	20175	3	8	0	22.61
QPSK	1732.5	20175	3	8	4	22.33
QPSK	1732.5	20175	3	8	7	22.59
QPSK	1732.5	20175	3	15	0	22.55
QPSK	1753.5	20385	3	1	0	23.54
QPSK	1753.5	20385	3	1	8	23.38
QPSK	1753.5	20385	3	1	14	23.41
QPSK	1753.5	20385	3	8	0	22.38
QPSK	1753.5	20385	3	8	4	22.42
QPSK	1753.5	20385	3	8	7	22.35
QPSK	1753.5	20385	3	15	0	22.38

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1712.5	19975	5	1	0	22.47
16QAM	1712.5	19975	5	1	12	22.75
16QAM	1712.5	19975	5	1	24	22.47
16QAM	1712.5	19975	5	12	0	21.33
16QAM	1712.5	19975	5	12	7	21.79
16QAM	1712.5	19975	5	12	13	21.56
16QAM	1712.5	19975	5	25	0	21.40
16QAM	1732.5	20175	5	1	0	22.47
16QAM	1732.5	20175	5	1	12	22.76
16QAM	1732.5	20175	5	1	24	22.48
16QAM	1732.5	20175	5	12	0	21.12
16QAM	1732.5	20175	5	12	7	21.16
16QAM	1732.5	20175	5	12	13	21.08
16QAM	1732.5	20175	5	25	0	21.25
16QAM	1752.5	20375	5	1	0	22.56
16QAM	1752.5	20375	5	1	12	22.80
16QAM	1752.5	20375	5	1	24	22.62
16QAM	1752.5	20375	5	12	0	21.21
16QAM	1752.5	20375	5	12	7	21.41
16QAM	1752.5	20375	5	12	13	21.32
16QAM	1752.5	20375	5	25	0	21.38
64QAM	1712.5	19975	5	1	0	21.42
64QAM	1712.5	19975	5	1	12	21.62
64QAM	1712.5	19975	5	1	24	21.61
64QAM	1712.5	19975	5	12	0	20.59
64QAM	1712.5	19975	5	12	7	21.08
64QAM	1712.5	19975	5	12	13	21.08
64QAM	1712.5	19975	5	25	0	20.94
64QAM	1732.5	20175	5	1	0	21.41
64QAM	1732.5	20175	5	1	12	21.66
64QAM	1732.5	20175	5	1	24	21.44
64QAM	1732.5	20175	5	12	0	20.71
64QAM	1732.5	20175	5	12	7	20.80
64QAM	1732.5	20175	5	12	13	20.65
64QAM	1732.5	20175	5	25	0	20.71
64QAM	1752.5	20375	5	1	0	21.38
64QAM	1752.5	20375	5	1	12	21.76
64QAM	1752.5	20375	5	1	24	21.44
64QAM	1752.5	20375	5	12	0	20.76
64QAM	1752.5	20375	5	12	7	20.49
64QAM	1752.5	20375	5	12	13	20.45
64QAM	1752.5	20375	5	25	0	20.81

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1712.5	19975	5	1	0	23.24
QPSK	1712.5	19975	5	1	12	23.59
QPSK	1712.5	19975	5	1	24	23.27
QPSK	1712.5	19975	5	12	0	22.41
QPSK	1712.5	19975	5	12	7	22.44
QPSK	1712.5	19975	5	12	13	22.42
QPSK	1712.5	19975	5	25	0	22.43
QPSK	1732.5	20175	5	1	0	23.20
QPSK	1732.5	20175	5	1	12	23.48
QPSK	1732.5	20175	5	1	24	23.11
QPSK	1732.5	20175	5	12	0	22.22
QPSK	1732.5	20175	5	12	7	22.32
QPSK	1732.5	20175	5	12	13	22.15
QPSK	1732.5	20175	5	25	0	22.22
QPSK	1752.5	20375	5	1	0	23.32
QPSK	1752.5	20375	5	1	12	23.55
QPSK	1752.5	20375	5	1	24	23.32
QPSK	1752.5	20375	5	12	0	22.40
QPSK	1752.5	20375	5	12	7	22.44
QPSK	1752.5	20375	5	12	13	22.38
QPSK	1752.5	20375	5	25	0	22.39

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1715	20000	10	1	0	22.99
16QAM	1715	20000	10	1	25	23.13
16QAM	1715	20000	10	1	49	22.83
16QAM	1715	20000	10	25	0	21.37
16QAM	1715	20000	10	25	12	21.42
16QAM	1715	20000	10	25	25	21.88
16QAM	1715	20000	10	50	0	21.39
16QAM	1732.5	20175	10	1	0	22.47
16QAM	1732.5	20175	10	1	25	22.51
16QAM	1732.5	20175	10	1	49	22.54
16QAM	1732.5	20175	10	25	0	21.38
16QAM	1732.5	20175	10	25	12	21.34
16QAM	1732.5	20175	10	25	25	21.28
16QAM	1732.5	20175	10	50	0	21.26
16QAM	1750	20350	10	1	0	22.52
16QAM	1750	20350	10	1	25	22.72
16QAM	1750	20350	10	1	49	22.61
16QAM	1750	20350	10	25	0	21.38
16QAM	1750	20350	10	25	12	21.41
16QAM	1750	20350	10	25	25	21.45
16QAM	1750	20350	10	50	0	21.44
64QAM	1715	20000	10	1	0	21.73
64QAM	1715	20000	10	1	25	22.20
64QAM	1715	20000	10	1	49	21.74
64QAM	1715	20000	10	25	0	20.95
64QAM	1715	20000	10	25	12	21.07
64QAM	1715	20000	10	25	25	21.04
64QAM	1715	20000	10	50	0	20.98
64QAM	1732.5	20175	10	1	0	21.41
64QAM	1732.5	20175	10	1	25	21.48
64QAM	1732.5	20175	10	1	49	21.38
64QAM	1732.5	20175	10	25	0	20.94
64QAM	1732.5	20175	10	25	12	20.55
64QAM	1732.5	20175	10	25	25	20.79
64QAM	1732.5	20175	10	50	0	20.91
64QAM	1750	20350	10	1	0	21.46
64QAM	1750	20350	10	1	25	21.70
64QAM	1750	20350	10	1	49	21.57
64QAM	1750	20350	10	25	0	20.47
64QAM	1750	20350	10	25	12	20.54
64QAM	1750	20350	10	25	25	20.59
64QAM	1750	20350	10	50	0	20.42

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1715	20000	10	1	0	23.39
QPSK	1715	20000	10	1	25	23.52
QPSK	1715	20000	10	1	49	23.34
QPSK	1715	20000	10	25	0	22.34
QPSK	1715	20000	10	25	12	22.42
QPSK	1715	20000	10	25	25	22.42
QPSK	1715	20000	10	50	0	22.41
QPSK	1732.5	20175	10	1	0	23.28
QPSK	1732.5	20175	10	1	25	23.27
QPSK	1732.5	20175	10	1	49	23.31
QPSK	1732.5	20175	10	25	0	22.27
QPSK	1732.5	20175	10	25	12	22.29
QPSK	1732.5	20175	10	25	25	22.16
QPSK	1732.5	20175	10	50	0	22.24
QPSK	1750	20350	10	1	0	23.25
QPSK	1750	20350	10	1	25	23.57
QPSK	1750	20350	10	1	49	23.39
QPSK	1750	20350	10	25	0	22.32
QPSK	1750	20350	10	25	12	22.42
QPSK	1750	20350	10	25	25	22.47
QPSK	1750	20350	10	50	0	22.38

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1717.5	20025	15	1	0	22.90
16QAM	1717.5	20025	15	1	37	23.11
16QAM	1717.5	20025	15	1	74	22.77
16QAM	1717.5	20025	15	36	0	21.47
16QAM	1717.5	20025	15	36	29	21.96
16QAM	1717.5	20025	15	36	30	21.90
16QAM	1717.5	20025	15	75	0	21.69
16QAM	1732.5	20175	15	1	0	22.39
16QAM	1732.5	20175	15	1	37	22.42
16QAM	1732.5	20175	15	1	74	22.35
16QAM	1732.5	20175	15	36	0	21.29
16QAM	1732.5	20175	15	36	29	21.27
16QAM	1732.5	20175	15	36	30	21.21
16QAM	1732.5	20175	15	75	0	21.36
16QAM	1747.5	20325	15	1	0	22.49
16QAM	1747.5	20325	15	1	37	22.85
16QAM	1747.5	20325	15	1	74	22.69
16QAM	1747.5	20325	15	36	0	21.31
16QAM	1747.5	20325	15	36	29	21.40
16QAM	1747.5	20325	15	36	30	21.37
16QAM	1747.5	20325	15	75	0	21.38
64QAM	1717.5	20025	15	1	0	21.67
64QAM	1717.5	20025	15	1	37	22.03
64QAM	1717.5	20025	15	1	74	21.84
64QAM	1717.5	20025	15	36	0	20.92
64QAM	1717.5	20025	15	36	29	20.91
64QAM	1717.5	20025	15	36	30	20.87
64QAM	1717.5	20025	15	75	0	20.82
64QAM	1732.5	20175	15	1	0	21.28
64QAM	1732.5	20175	15	1	37	21.59
64QAM	1732.5	20175	15	1	74	21.26
64QAM	1732.5	20175	15	36	0	20.91
64QAM	1732.5	20175	15	36	29	20.84
64QAM	1732.5	20175	15	36	30	20.83
64QAM	1732.5	20175	15	75	0	20.84
64QAM	1747.5	20325	15	1	0	21.71
64QAM	1747.5	20325	15	1	37	22.04
64QAM	1747.5	20325	15	1	74	21.79
64QAM	1747.5	20325	15	36	0	20.27
64QAM	1747.5	20325	15	36	29	20.37
64QAM	1747.5	20325	15	36	30	20.62
64QAM	1747.5	20325	15	75	0	20.45

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1717.5	20025	15	1	0	23.28
QPSK	1717.5	20025	15	1	37	23.48
QPSK	1717.5	20025	15	1	74	23.11
QPSK	1717.5	20025	15	36	0	22.41
QPSK	1717.5	20025	15	36	29	22.33
QPSK	1717.5	20025	15	36	30	22.39
QPSK	1717.5	20025	15	75	0	22.39
QPSK	1732.5	20175	15	1	0	23.16
QPSK	1732.5	20175	15	1	37	23.26
QPSK	1732.5	20175	15	1	74	23.19
QPSK	1732.5	20175	15	36	0	22.32
QPSK	1732.5	20175	15	36	29	22.25
QPSK	1732.5	20175	15	36	30	22.29
QPSK	1732.5	20175	15	75	0	22.21
QPSK	1747.5	20325	15	1	0	23.12
QPSK	1747.5	20325	15	1	37	23.42
QPSK	1747.5	20325	15	1	74	23.23
QPSK	1747.5	20325	15	36	0	22.33
QPSK	1747.5	20325	15	36	29	22.42
QPSK	1747.5	20325	15	36	30	22.43
QPSK	1747.5	20325	15	75	0	22.40

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1720	20050	20	1	0	22.50
16QAM	1720	20050	20	1	49	22.71
16QAM	1720	20050	20	1	99	22.39
16QAM	1720	20050	20	50	0	21.23
16QAM	1720	20050	20	50	24	21.32
16QAM	1720	20050	20	50	50	21.34
16QAM	1720	20050	20	100	0	21.64
16QAM	1732.5	20175	20	1	0	22.27
16QAM	1732.5	20175	20	1	49	22.71
16QAM	1732.5	20175	20	1	99	22.33
16QAM	1732.5	20175	20	50	0	21.29
16QAM	1732.5	20175	20	50	24	21.22
16QAM	1732.5	20175	20	50	50	21.18
16QAM	1732.5	20175	20	100	0	21.21
16QAM	1745	20300	20	1	0	22.23
16QAM	1745	20300	20	1	49	22.64
16QAM	1745	20300	20	1	99	22.51
16QAM	1745	20300	20	50	0	21.26
16QAM	1745	20300	20	50	24	21.33
16QAM	1745	20300	20	50	50	21.29
16QAM	1745	20300	20	100	0	21.28
64QAM	1720	20050	20	1	0	21.36
64QAM	1720	20050	20	1	49	21.66
64QAM	1720	20050	20	1	99	21.22
64QAM	1720	20050	20	50	0	20.87
64QAM	1720	20050	20	50	24	20.88
64QAM	1720	20050	20	50	50	20.82
64QAM	1720	20050	20	100	0	20.87
64QAM	1732.5	20175	20	1	0	21.67
64QAM	1732.5	20175	20	1	49	21.95
64QAM	1732.5	20175	20	1	99	21.61
64QAM	1732.5	20175	20	50	0	20.46
64QAM	1732.5	20175	20	50	24	20.66
64QAM	1732.5	20175	20	50	50	20.57
64QAM	1732.5	20175	20	100	0	20.45
64QAM	1745	20300	20	1	0	21.02
64QAM	1745	20300	20	1	49	21.65
64QAM	1745	20300	20	1	99	21.32
64QAM	1745	20300	20	50	0	20.39
64QAM	1745	20300	20	50	24	20.42
64QAM	1745	20300	20	50	50	20.41
64QAM	1745	20300	20	100	0	20.42

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1720	20050	20	1	0	23.13
QPSK	1720	20050	20	1	49	23.31
QPSK	1720	20050	20	1	99	22.97
QPSK	1720	20050	20	50	0	22.27
QPSK	1720	20050	20	50	24	22.34
QPSK	1720	20050	20	50	50	22.14
QPSK	1720	20050	20	100	0	22.24
QPSK	1732.5	20175	20	1	0	23.06
QPSK	1732.5	20175	20	1	49	23.26
QPSK	1732.5	20175	20	1	99	23.07
QPSK	1732.5	20175	20	50	0	22.27
QPSK	1732.5	20175	20	50	24	22.24
QPSK	1732.5	20175	20	50	50	22.12
QPSK	1732.5	20175	20	100	0	22.19
QPSK	1745	20300	20	1	0	22.89
QPSK	1745	20300	20	1	49	23.37
QPSK	1745	20300	20	1	99	23.15
QPSK	1745	20300	20	50	0	22.22
QPSK	1745	20300	20	50	24	22.35
QPSK	1745	20300	20	50	50	22.41
QPSK	1745	20300	20	100	0	22.27

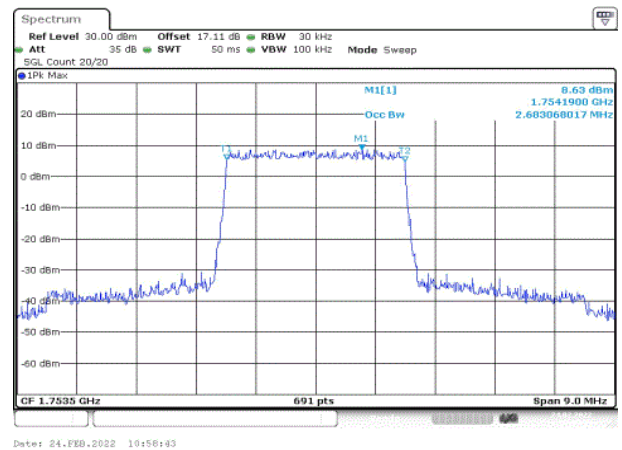
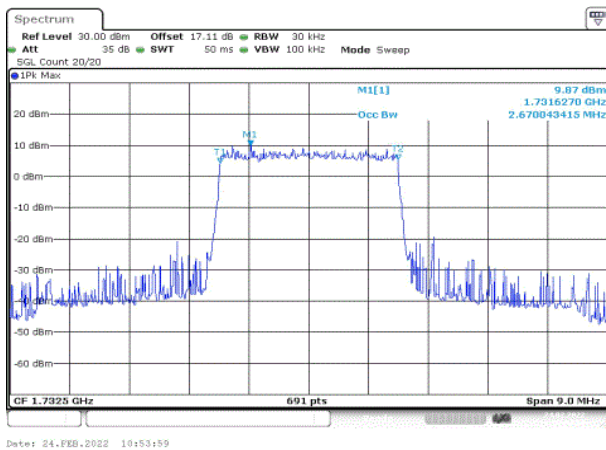
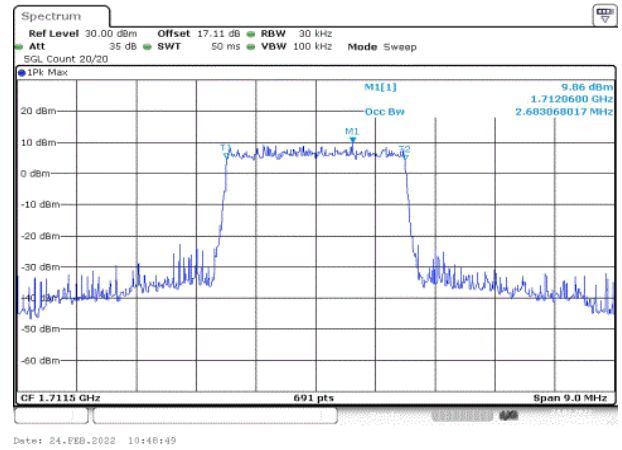
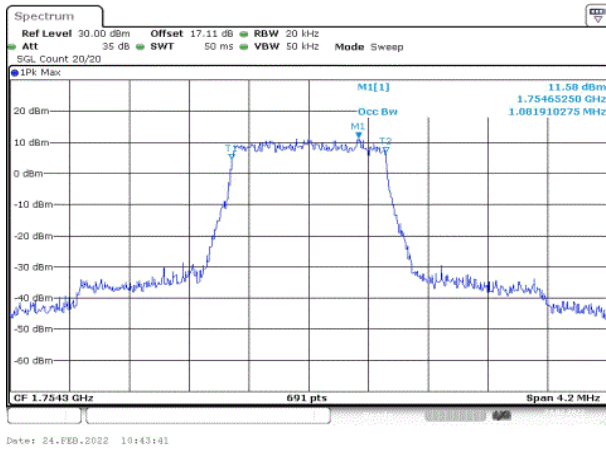
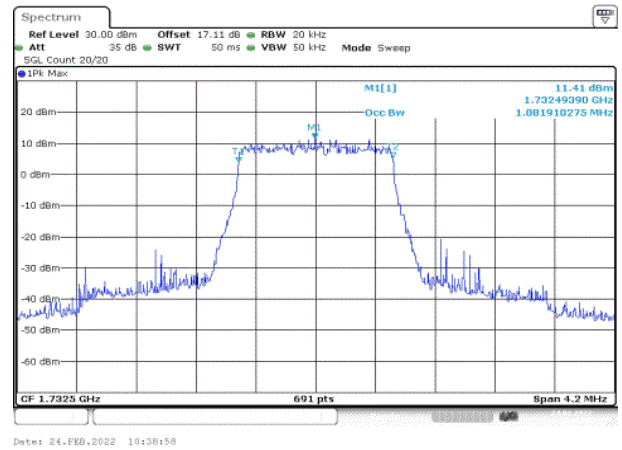
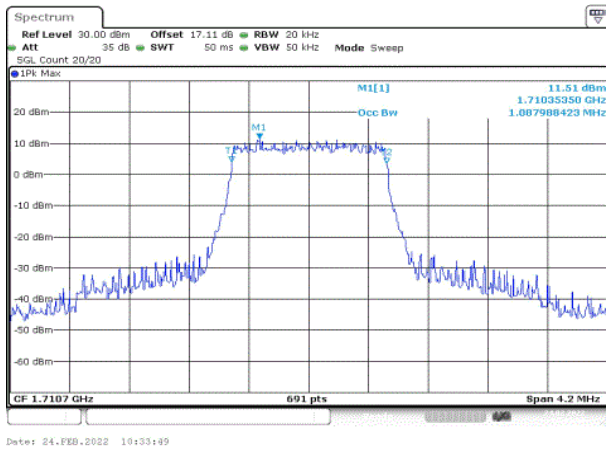
2 Occupied Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
4	QPSK	1710.7	19957	1.4	6	0	1.088	Fig.1
4	QPSK	1732.5	20175	1.4	6	0	1.082	Fig.2
4	QPSK	1754.3	20393	1.4	6	0	1.082	Fig.3
4	QPSK	1711.5	19965	3	15	0	2.683	Fig.4
4	QPSK	1732.5	20175	3	15	0	2.670	Fig.5
4	QPSK	1753.5	20385	3	15	0	2.683	Fig.6
4	QPSK	1712.5	19975	5	25	0	4.472	Fig.7
4	QPSK	1732.5	20175	5	25	0	4.472	Fig.8
4	QPSK	1752.5	20375	5	25	0	4.472	Fig.9
4	QPSK	1715	20000	10	50	0	8.944	Fig.10
4	QPSK	1732.5	20175	10	50	0	8.944	Fig.11
4	QPSK	1750	20350	10	50	0	8.944	Fig.12
4	QPSK	1717.5	20025	15	75	0	13.415	Fig.13
4	QPSK	1732.5	20175	15	75	0	13.415	Fig.14
4	QPSK	1747.5	20325	15	75	0	13.415	Fig.15
4	QPSK	1720	20050	20	100	0	17.887	Fig.16
4	QPSK	1732.5	20175	20	100	0	17.800	Fig.17
4	QPSK	1745	20300	20	100	0	17.887	Fig.18

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

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

Test Mode: QPSK



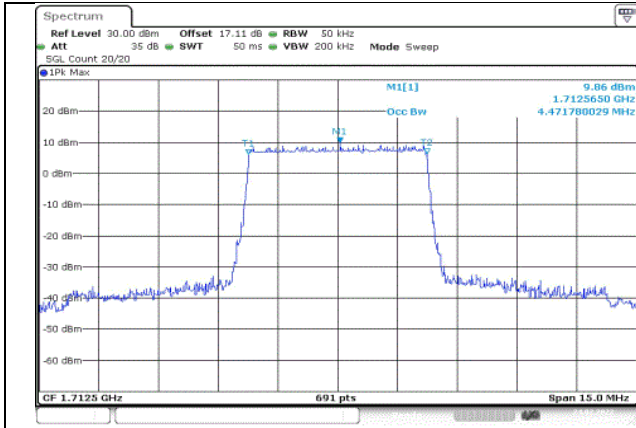


Fig.7

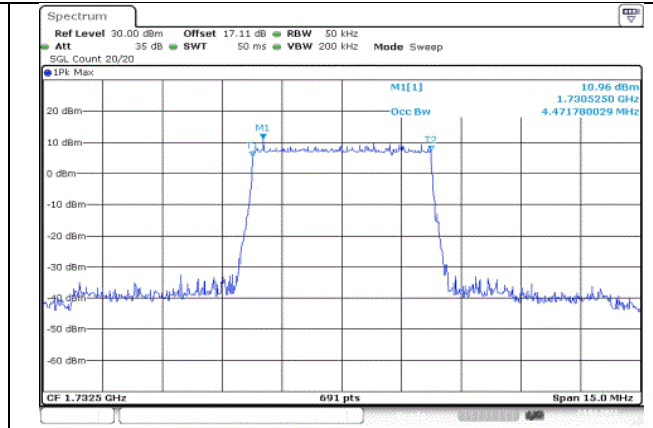


Fig.8

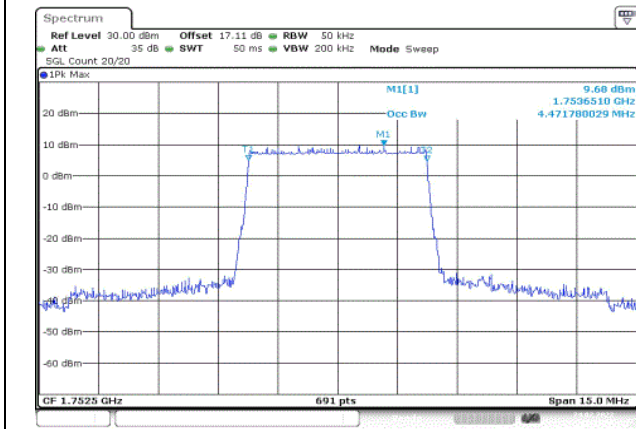


Fig.9

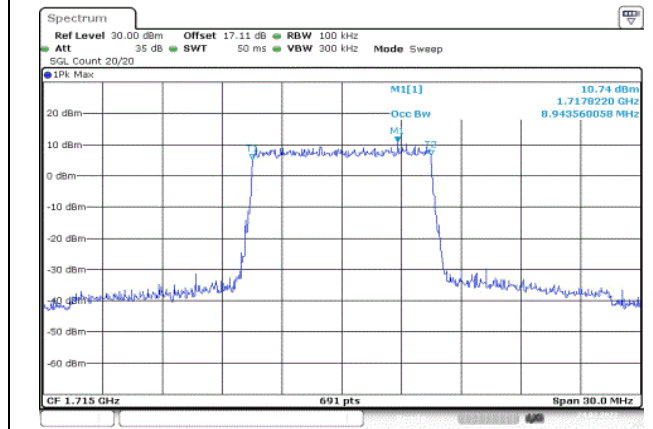


Fig.10

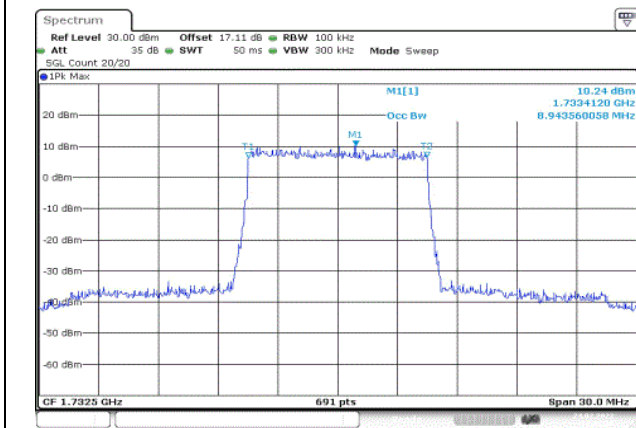


Fig.11

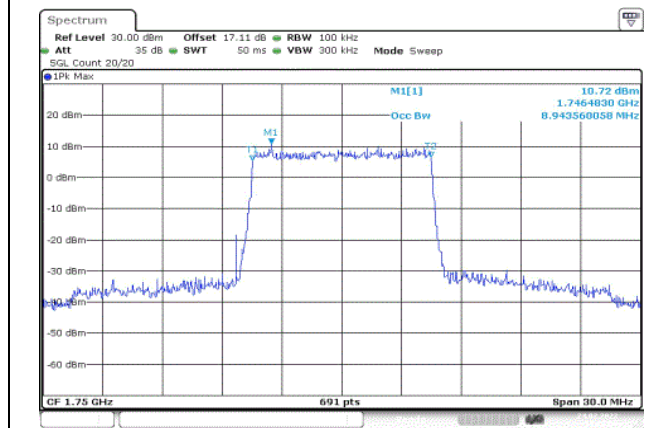


Fig.12

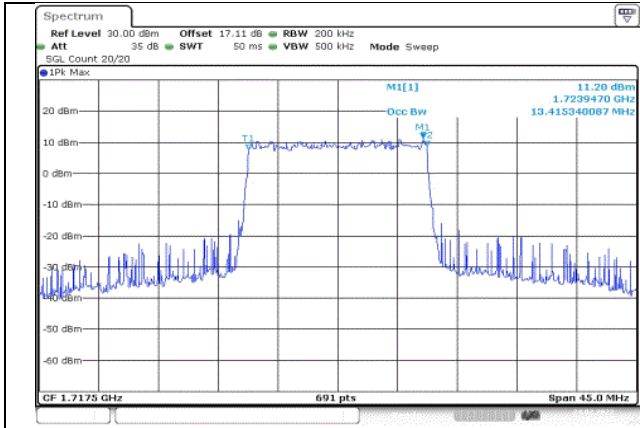


Fig.13

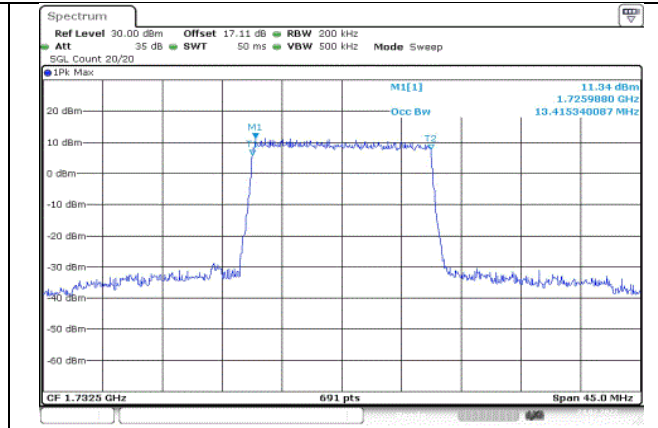


Fig.14

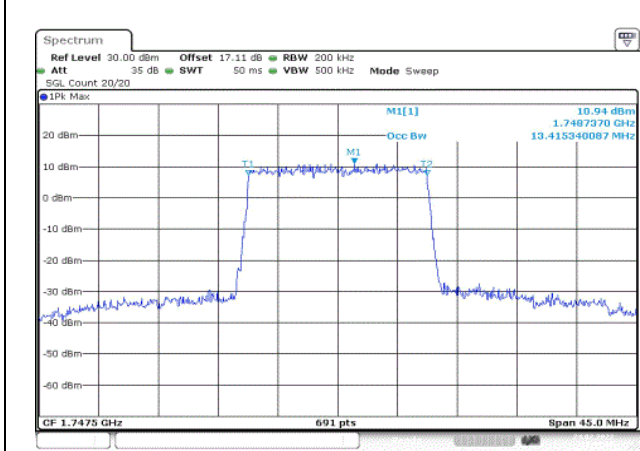


Fig.15

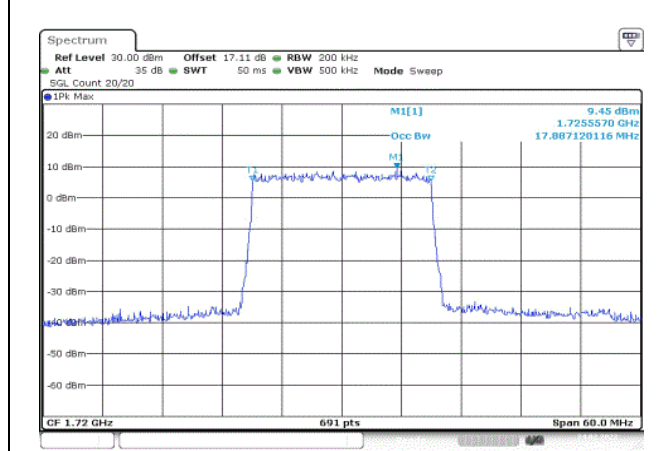


Fig.16

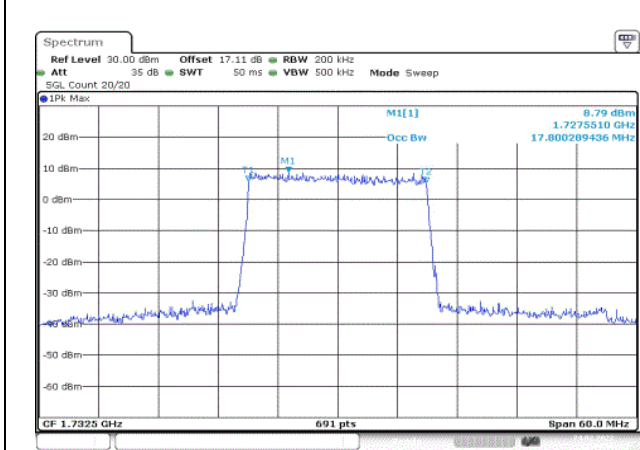


Fig.17

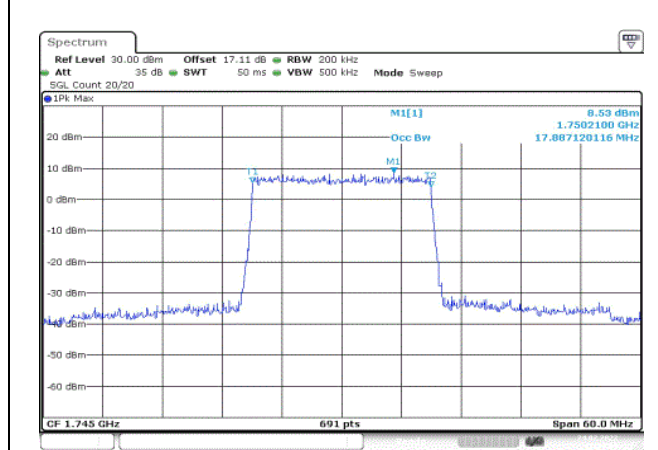


Fig.18

Test Mode: 16QAM

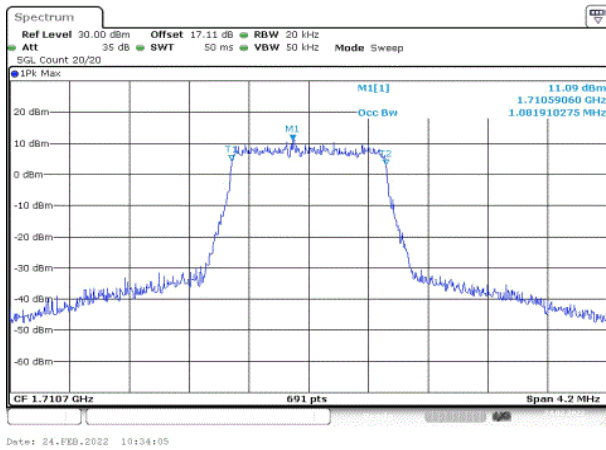


Fig.19

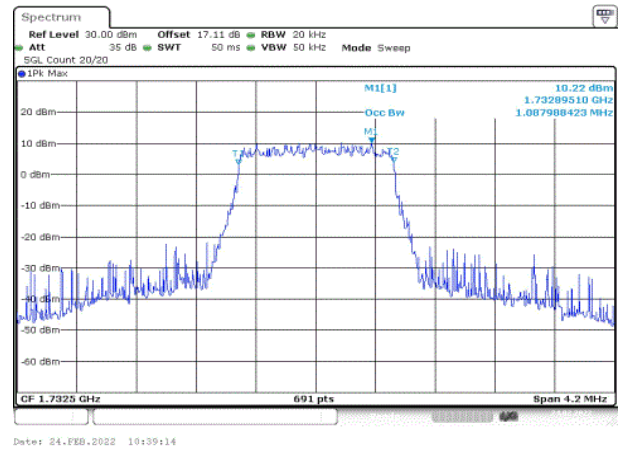


Fig.20

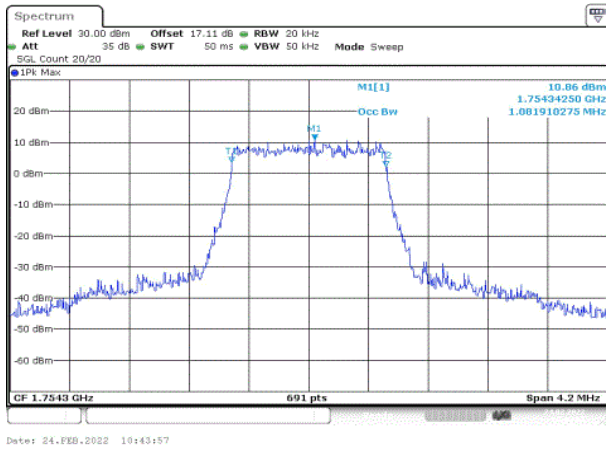


Fig.21

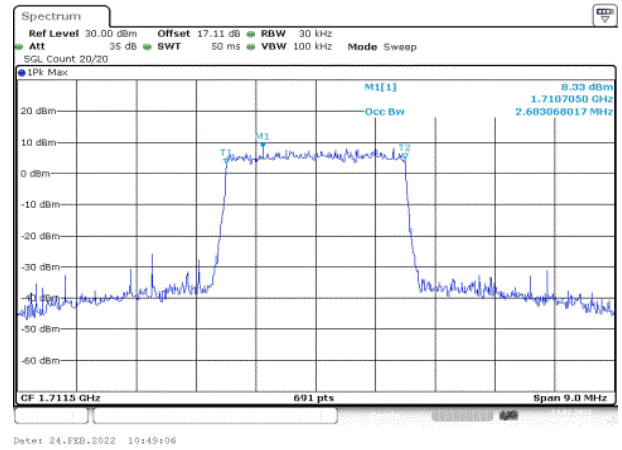


Fig.22

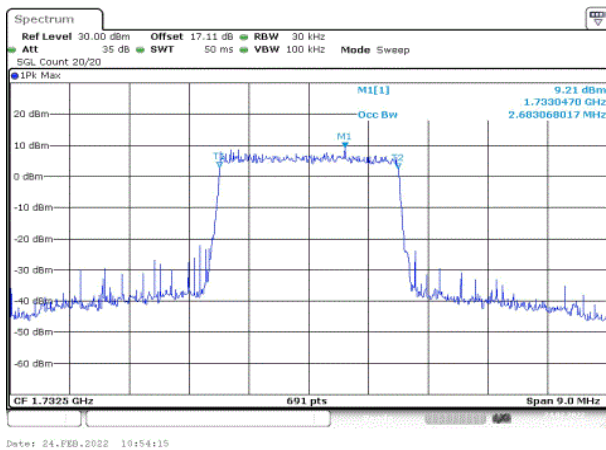


Fig.23

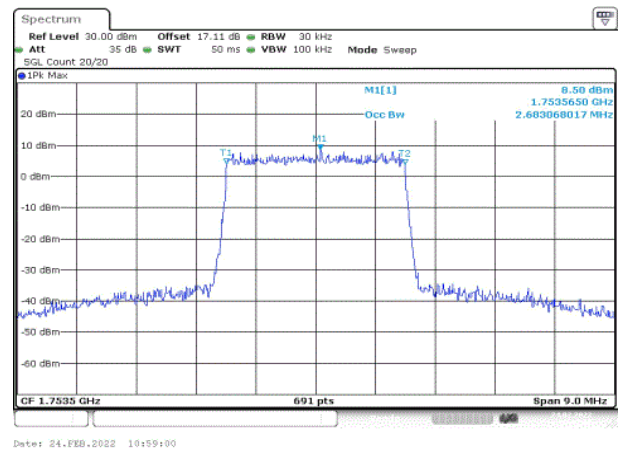


Fig.24

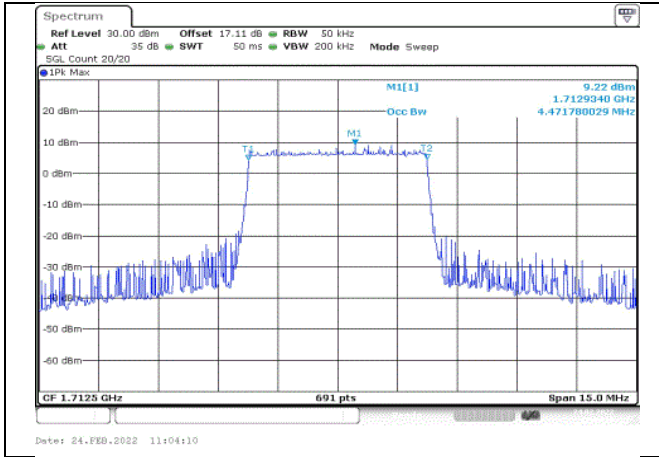


Fig.25

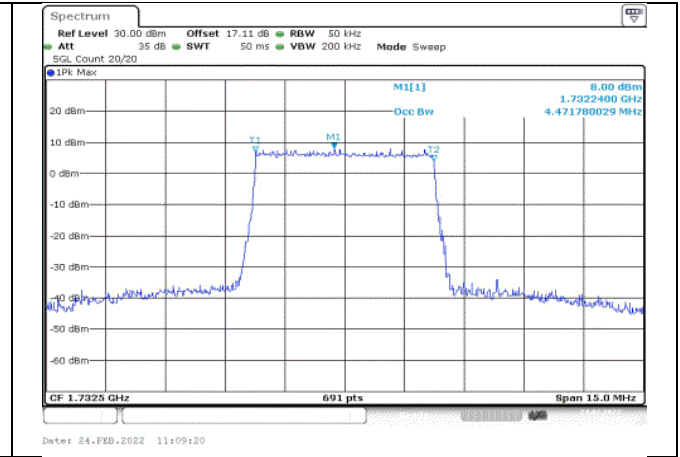


Fig.26

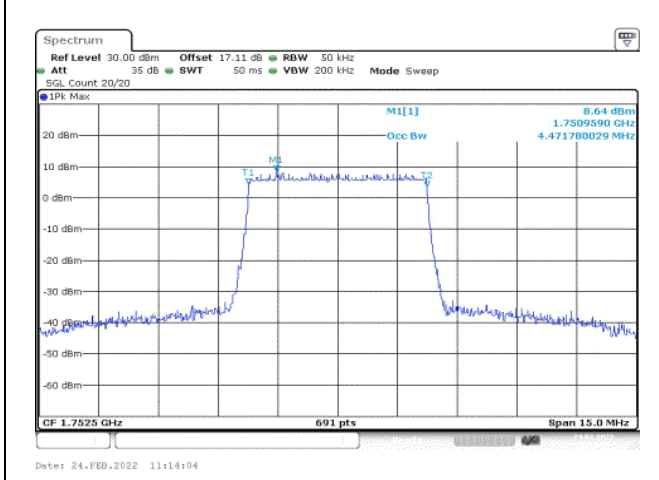


Fig.27

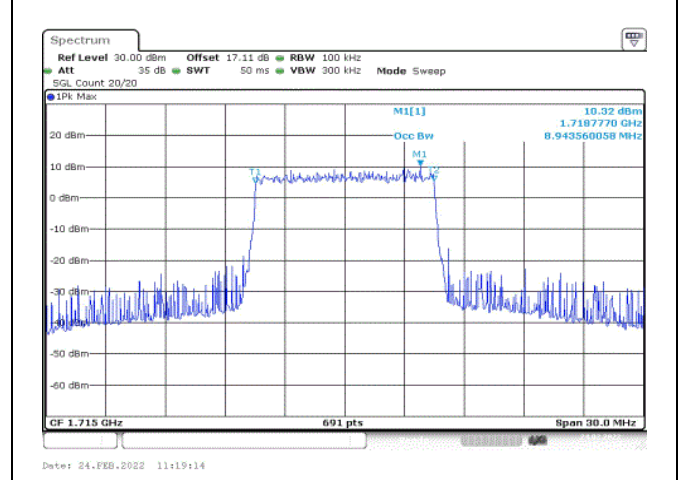


Fig.28

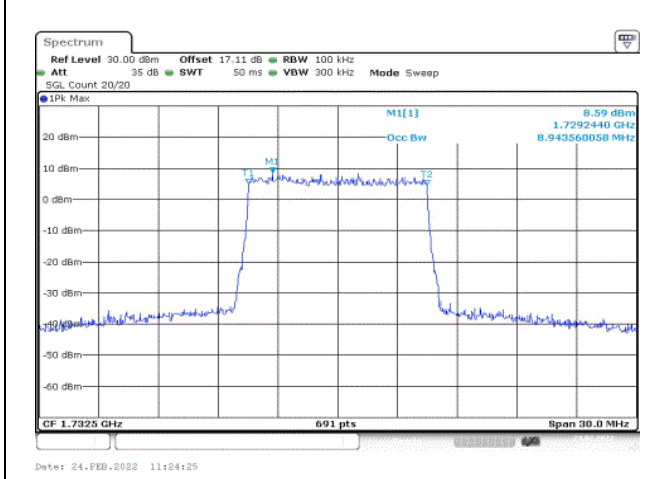


Fig.29

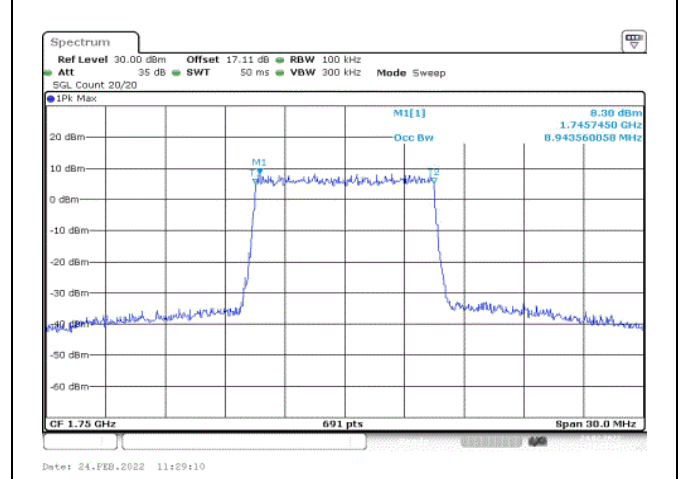


Fig.30

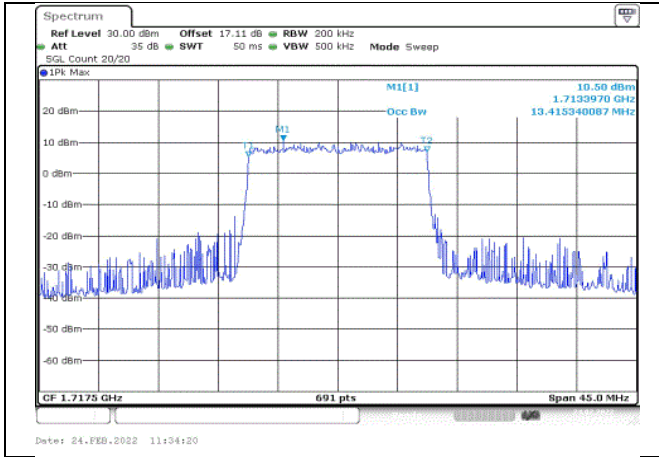


Fig.31

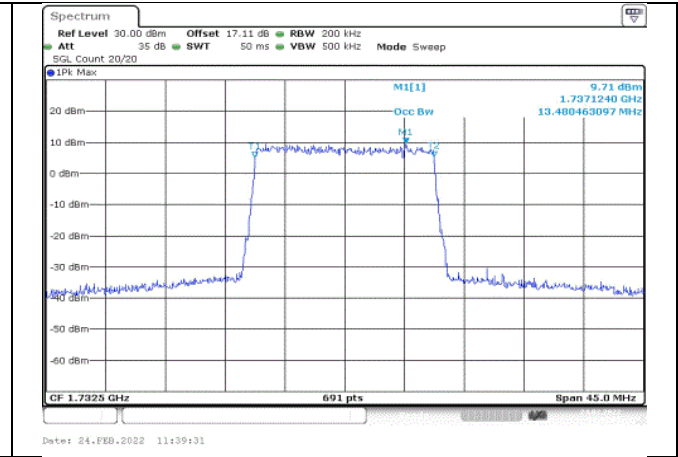


Fig.32

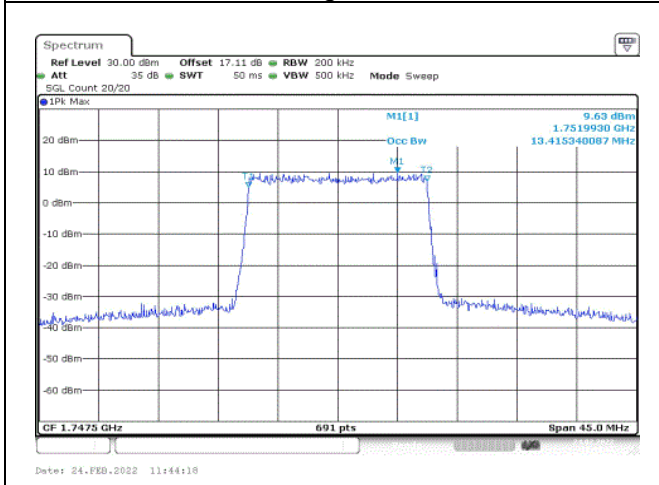


Fig.33

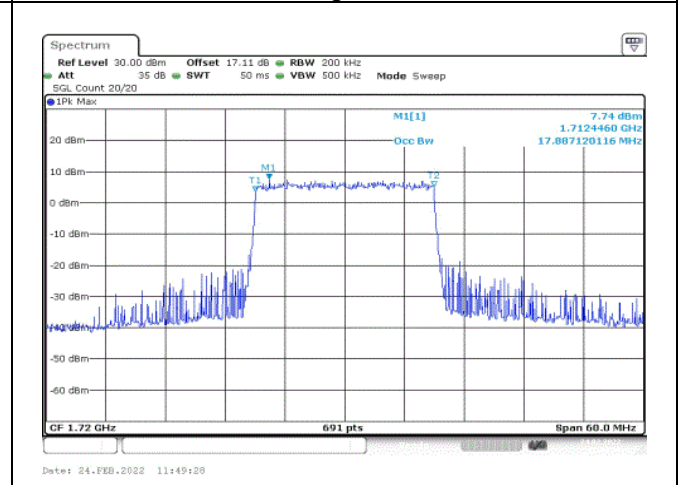


Fig.34

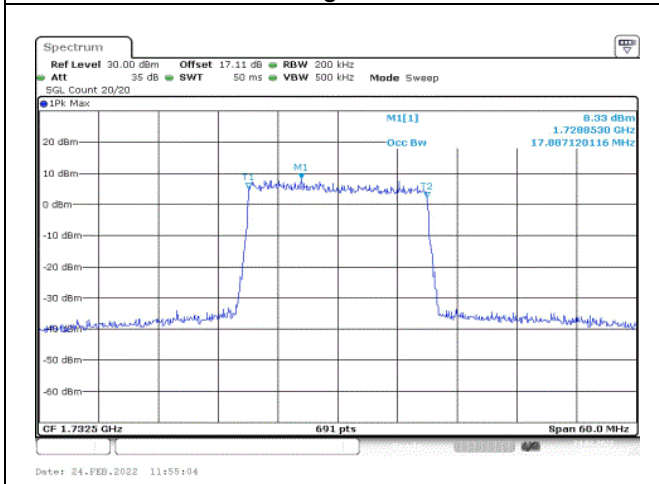


Fig.35

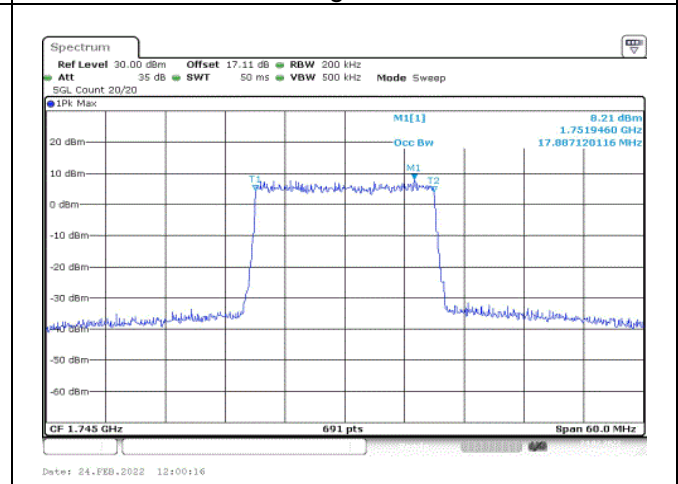
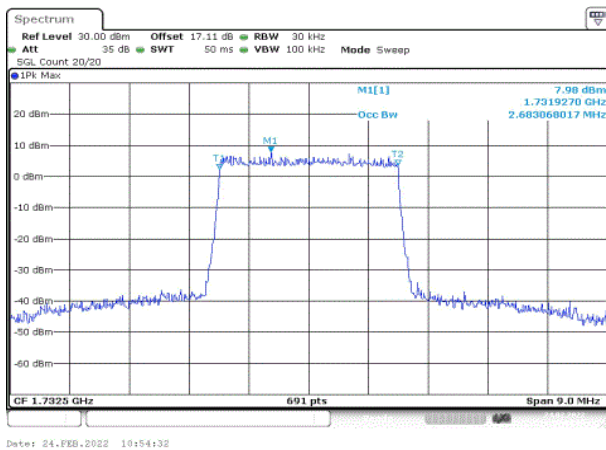
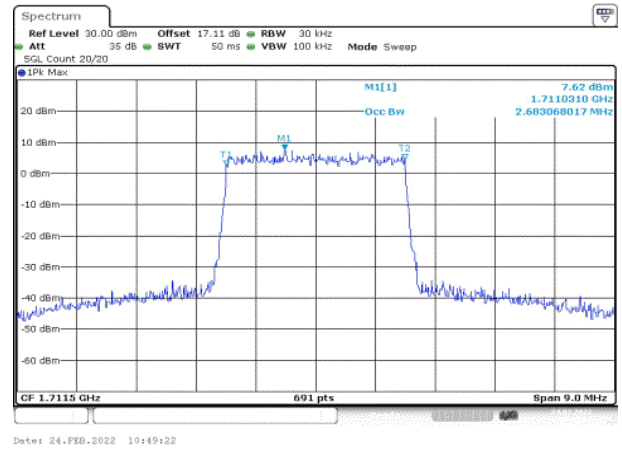
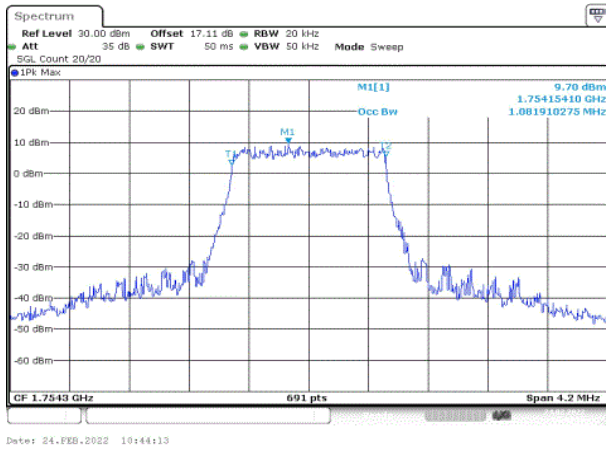
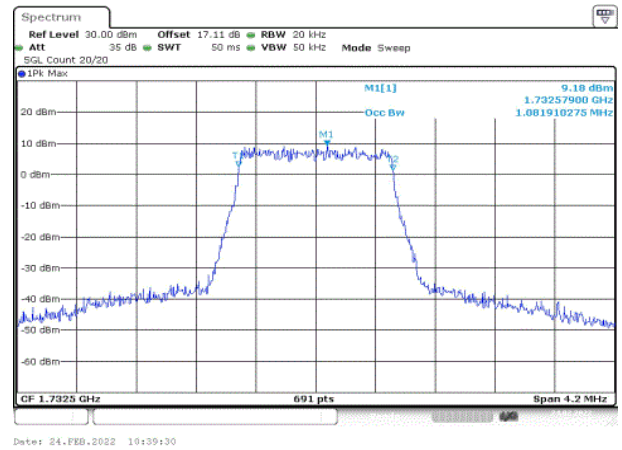
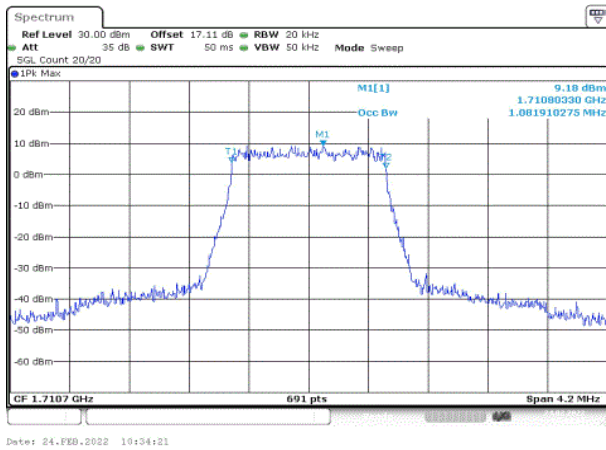


Fig.36

Test Mode: 64QAM



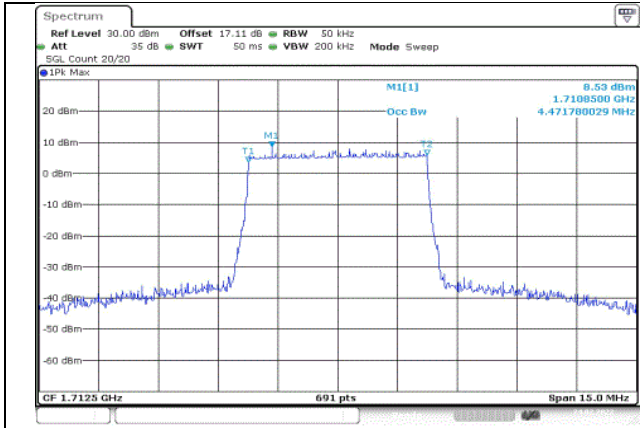


Fig.43

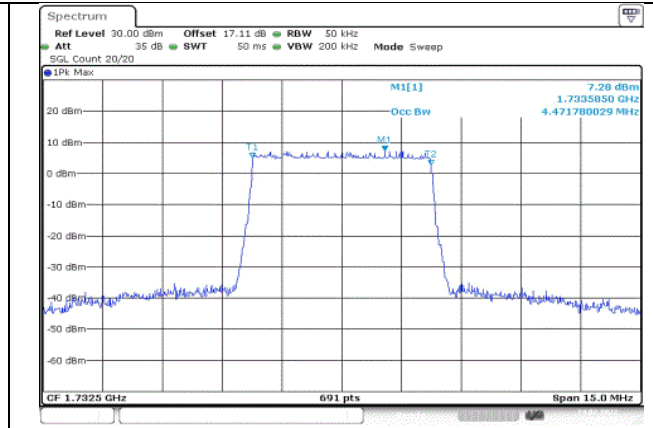


Fig.44

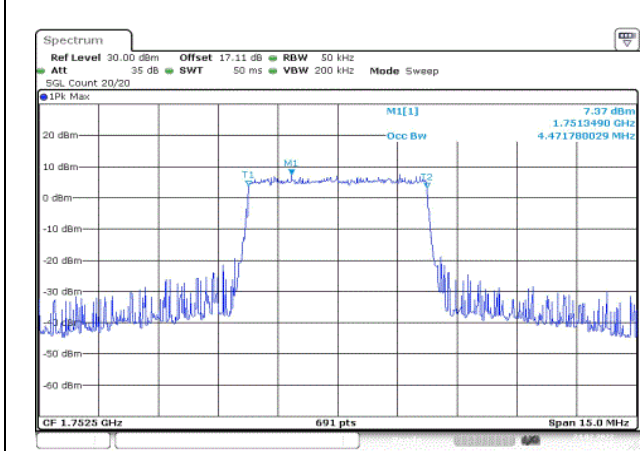


Fig.45

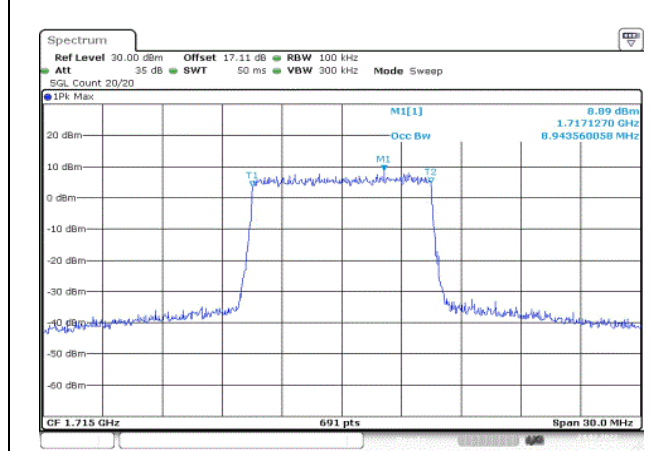


Fig.46

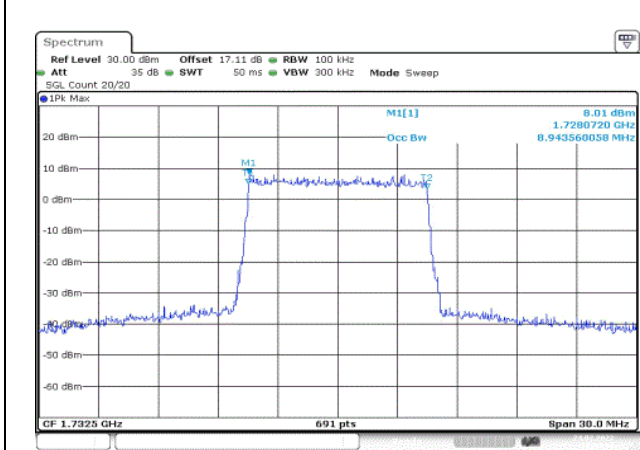


Fig.47

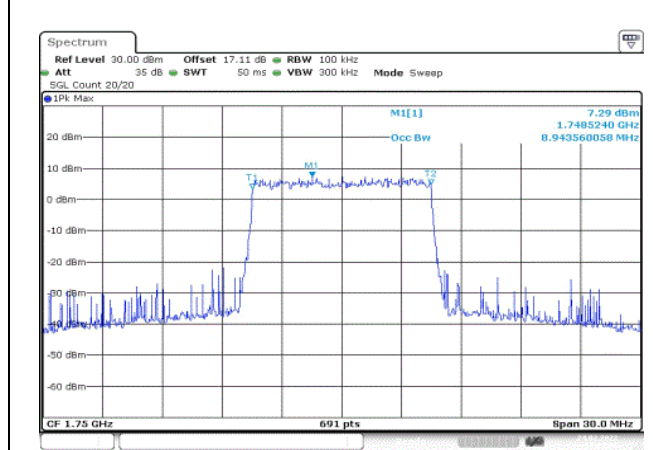


Fig.48

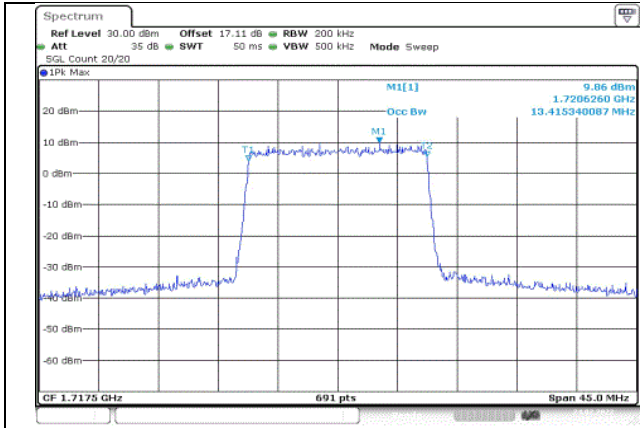


Fig.49

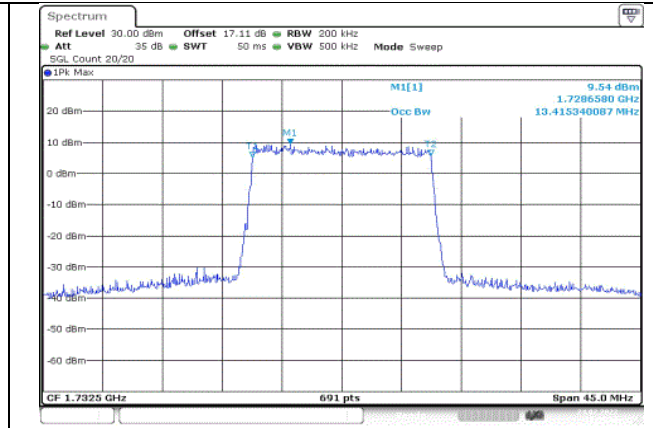


Fig.50

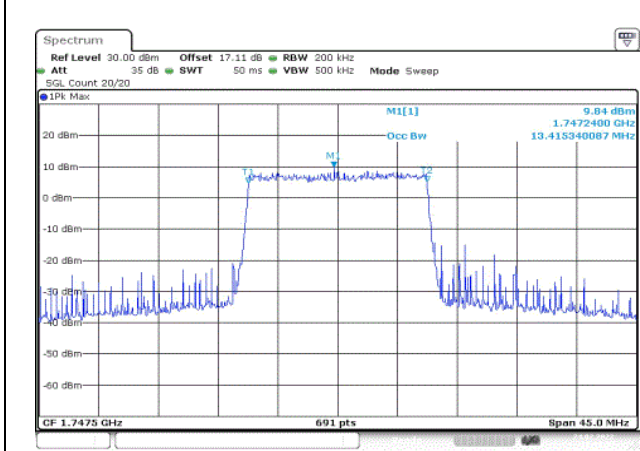


Fig.51

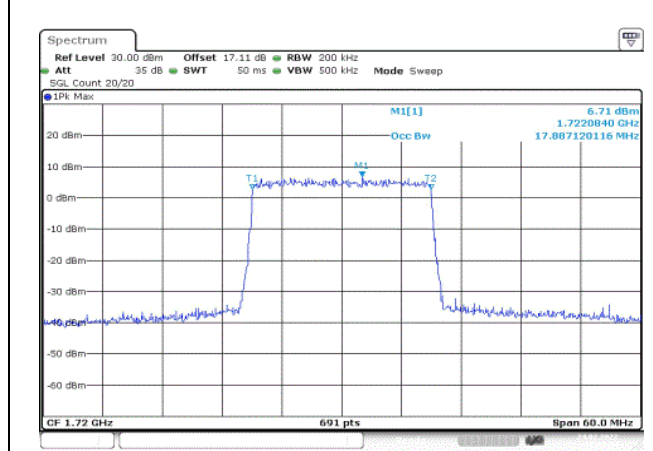


Fig.52

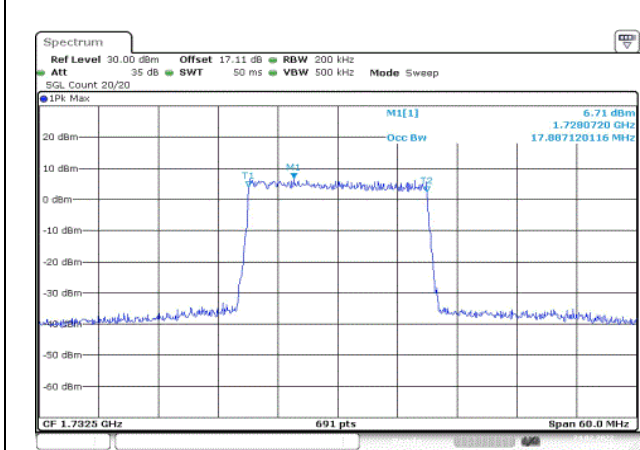


Fig.53

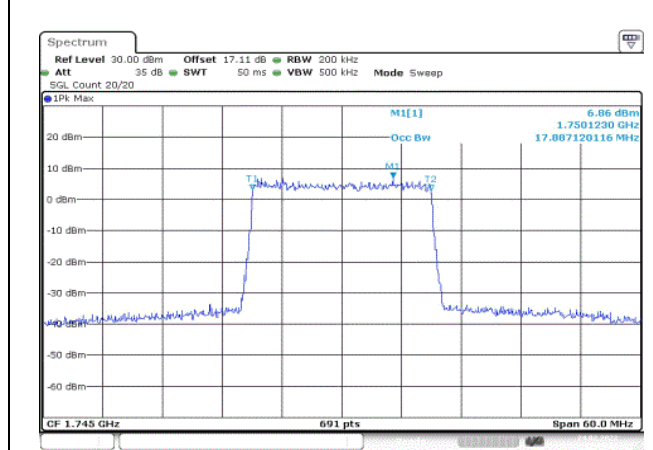


Fig.54

3 Emission Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
4	QPSK	1710.7	19957	1.4	6	0	1.228	Fig.1
4	QPSK	1732.5	20175	1.4	6	0	1.234	Fig.2
4	QPSK	1754.3	20393	1.4	6	0	1.240	Fig.3
4	QPSK	1711.5	19965	3	15	0	2.865	Fig.4
4	QPSK	1732.5	20175	3	15	0	2.839	Fig.5
4	QPSK	1753.5	20385	3	15	0	2.852	Fig.6
4	QPSK	1712.5	19975	5	25	0	4.776	Fig.7
4	QPSK	1732.5	20175	5	25	0	4.776	Fig.8
4	QPSK	1752.5	20375	5	25	0	4.776	Fig.9
4	QPSK	1715	20000	10	50	0	9.638	Fig.10
4	QPSK	1732.5	20175	10	50	0	9.465	Fig.11
4	QPSK	1750	20350	10	50	0	9.551	Fig.12
4	QPSK	1717.5	20025	15	75	0	14.392	Fig.13
4	QPSK	1732.5	20175	15	75	0	14.327	Fig.14
4	QPSK	1747.5	20325	15	75	0	14.392	Fig.15
4	QPSK	1720	20050	20	100	0	18.929	Fig.16
4	QPSK	1732.5	20175	20	100	0	18.929	Fig.17
4	QPSK	1745	20300	20	100	0	18.929	Fig.18

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
4	16QAM	1710.7	19957	1.4	6	0	1.240	Fig.19
4	16QAM	1732.5	20175	1.4	6	0	1.246	Fig.20
4	16QAM	1754.3	20393	1.4	6	0	1.252	Fig.21
4	16QAM	1711.5	19965	3	15	0	2.865	Fig.22
4	16QAM	1732.5	20175	3	15	0	2.852	Fig.23
4	16QAM	1753.5	20385	3	15	0	2.852	Fig.24
4	16QAM	1712.5	19975	5	25	0	4.776	Fig.25
4	16QAM	1732.5	20175	5	25	0	4.819	Fig.26
4	16QAM	1752.5	20375	5	25	0	4.776	Fig.27
4	16QAM	1715	20000	10	50	0	9.595	Fig.28
4	16QAM	1732.5	20175	10	50	0	9.508	Fig.29
4	16QAM	1750	20350	10	50	0	9.551	Fig.30
4	16QAM	1717.5	20025	15	75	0	14.653	Fig.31
4	16QAM	1732.5	20175	15	75	0	14.392	Fig.32
4	16QAM	1747.5	20325	15	75	0	14.392	Fig.33
4	16QAM	1720	20050	20	100	0	18.929	Fig.34
4	16QAM	1732.5	20175	20	100	0	18.842	Fig.35
4	16QAM	1745	20300	20	100	0	19.016	Fig.36

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
4	64QAM	1710.7	19957	1.4	6	0	1.222	Fig.37
4	64QAM	1732.5	20175	1.4	6	0	1.234	Fig.38
4	64QAM	1754.3	20393	1.4	6	0	1.252	Fig.39
4	64QAM	1711.5	19965	3	15	0	2.865	Fig.40
4	64QAM	1732.5	20175	3	15	0	2.852	Fig.41
4	64QAM	1753.5	20385	3	15	0	2.852	Fig.42
4	64QAM	1712.5	19975	5	25	0	4.819	Fig.43
4	64QAM	1732.5	20175	5	25	0	4.841	Fig.44
4	64QAM	1752.5	20375	5	25	0	4.797	Fig.45
4	64QAM	1715	20000	10	50	0	9.508	Fig.46
4	64QAM	1732.5	20175	10	50	0	9.508	Fig.47
4	64QAM	1750	20350	10	50	0	9.551	Fig.48
4	64QAM	1717.5	20025	15	75	0	14.392	Fig.49
4	64QAM	1732.5	20175	15	75	0	14.392	Fig.50
4	64QAM	1747.5	20325	15	75	0	14.392	Fig.51
4	64QAM	1720	20050	20	100	0	18.929	Fig.52
4	64QAM	1732.5	20175	20	100	0	19.016	Fig.53
4	64QAM	1745	20300	20	100	0	19.103	Fig.54

Test Mode: QPSK

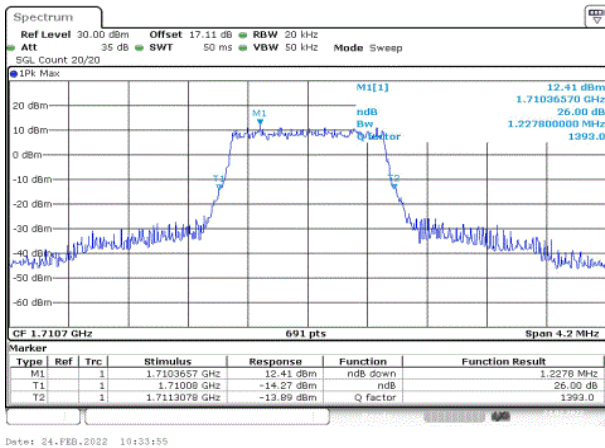


Fig.1

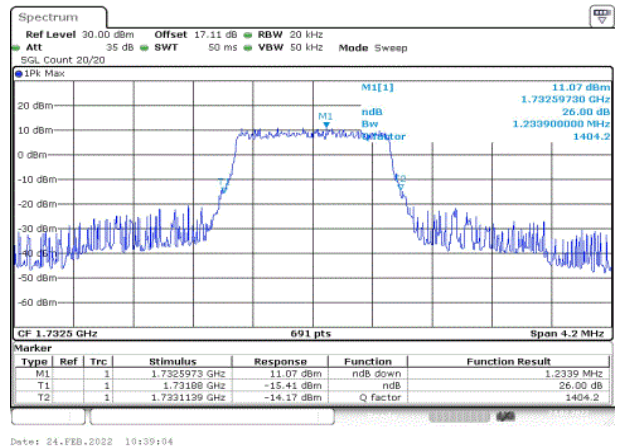


Fig.2

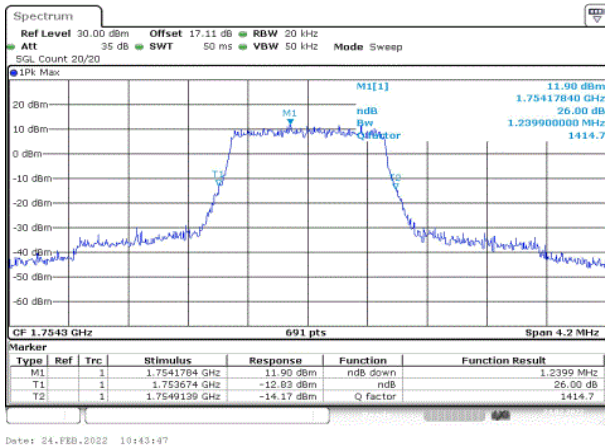


Fig.3

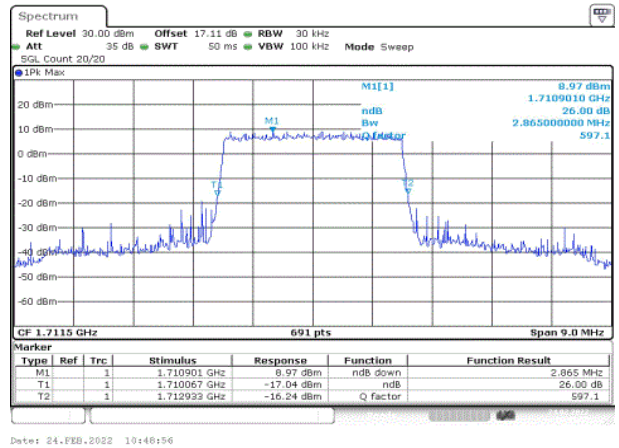


Fig.4

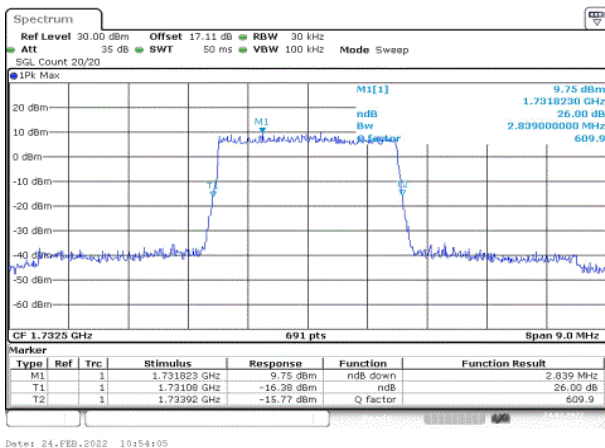


Fig.5

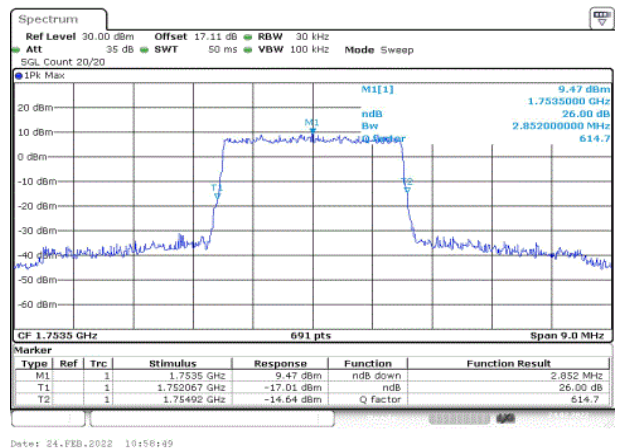
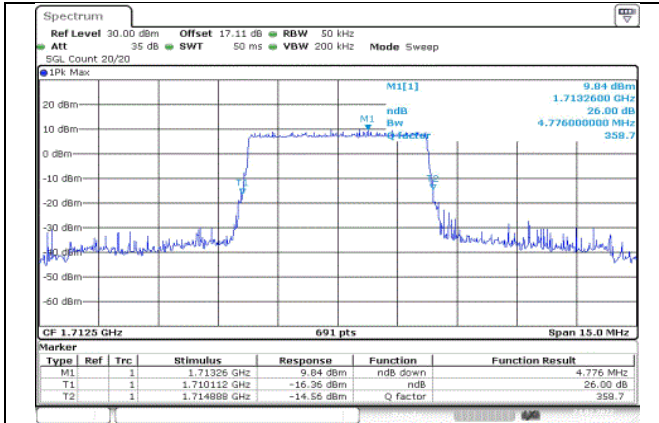
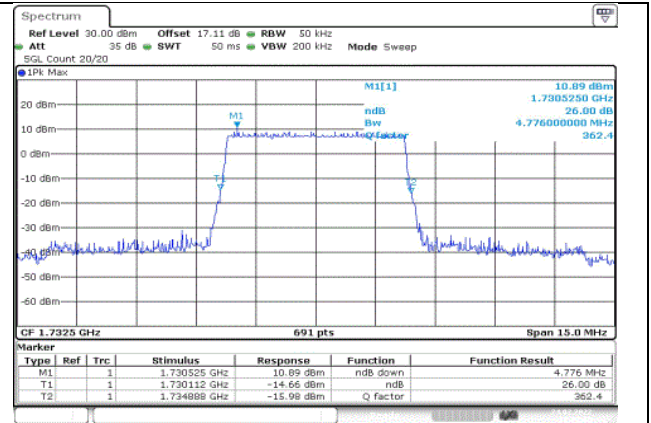


Fig.6



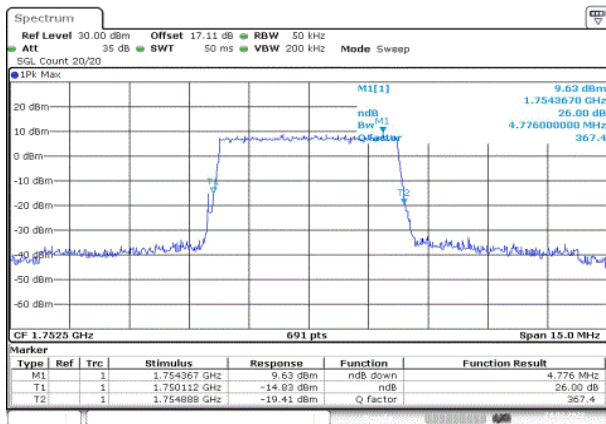
Date: 24.FEB.2022 11:03:59

Fig.7



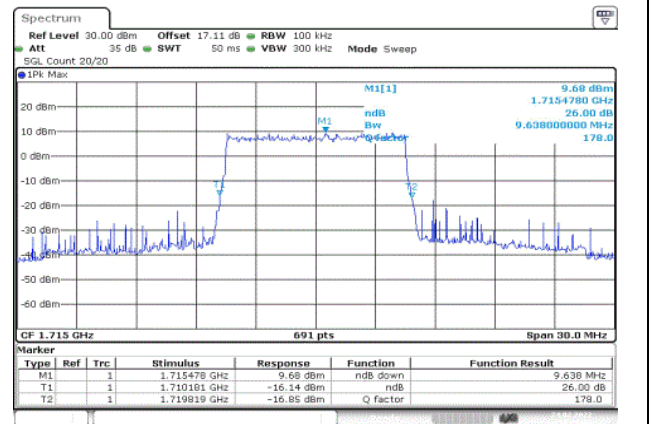
Date: 24.FEB.2022 11:09:09

Fig.8



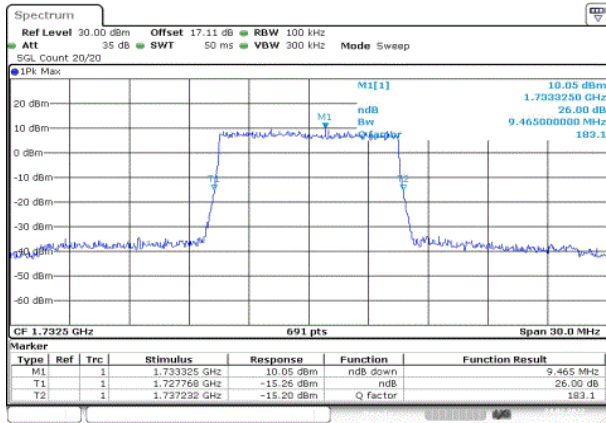
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Fig.9



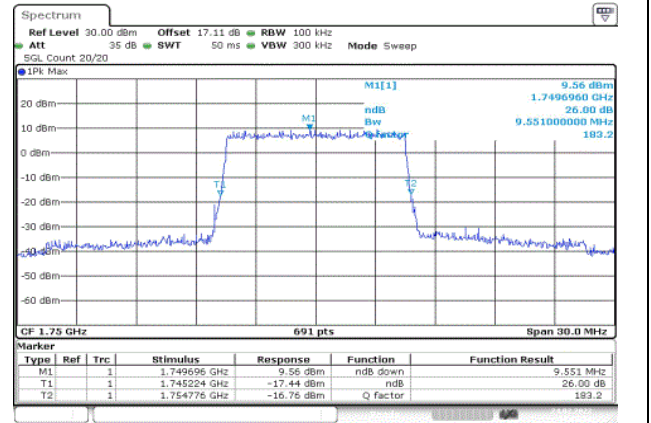
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Fig.10



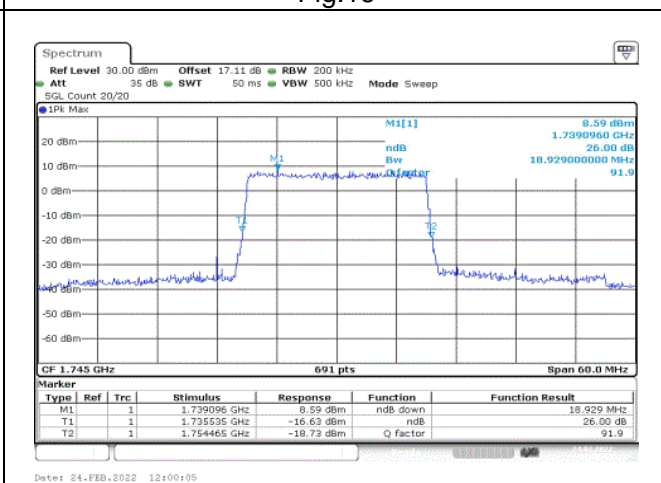
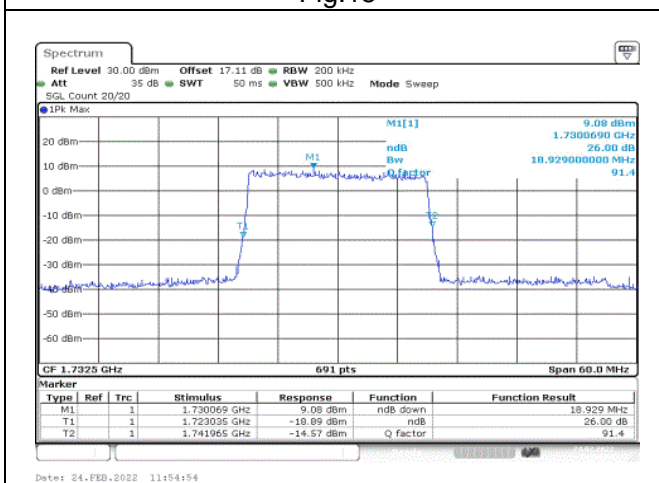
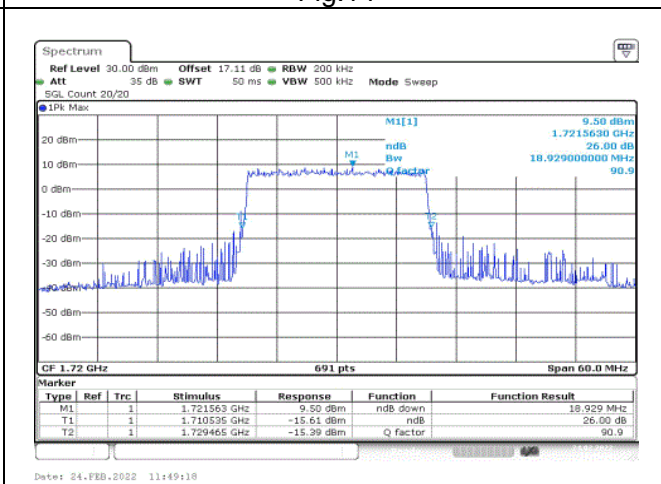
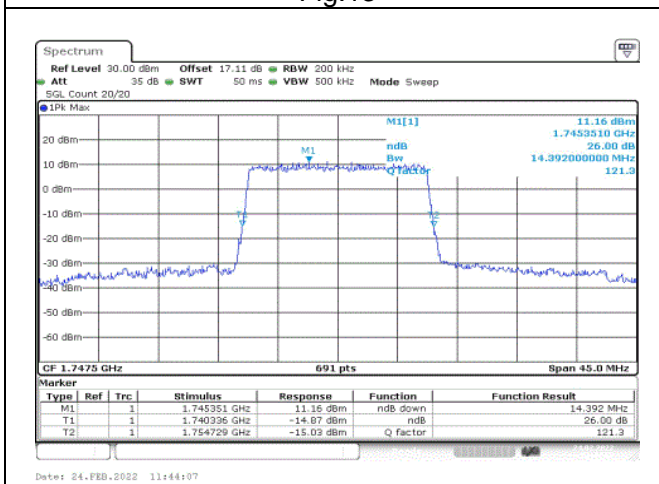
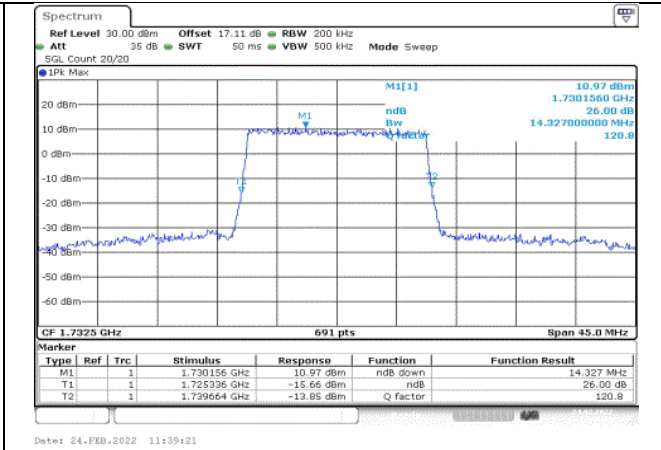
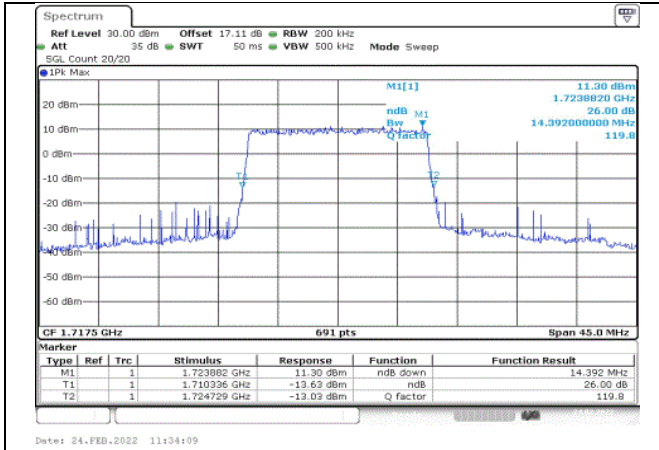
Date: 24.FEB.2022 11:24:14

Fig.11



Date: 24.FEB.2022 11:28:59

Fig.12



Test Mode: 16QAM

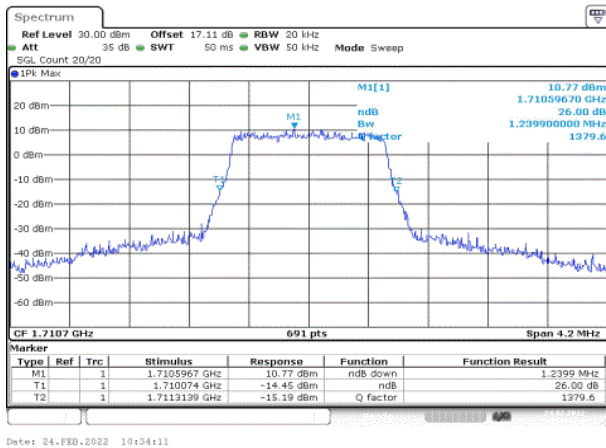


Fig.19

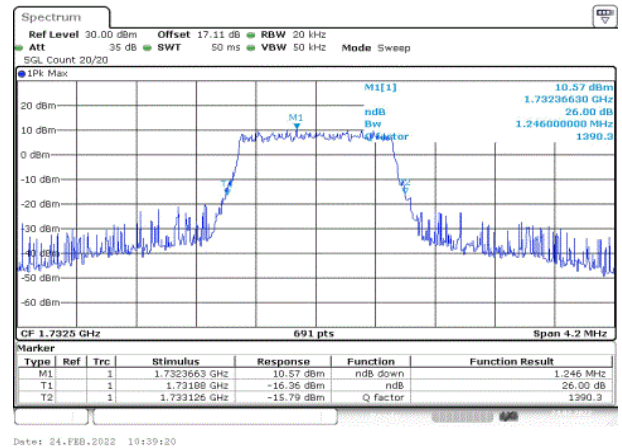


Fig.20

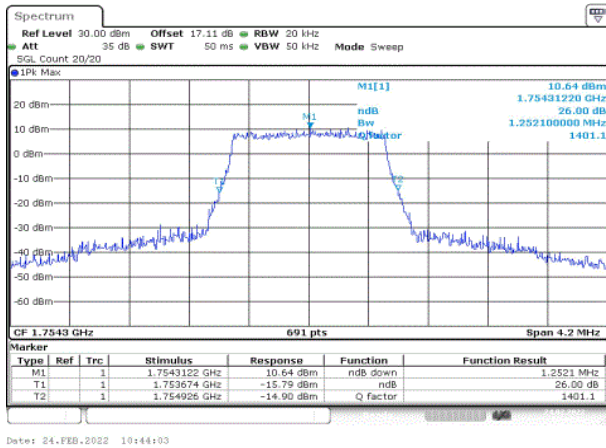


Fig.21

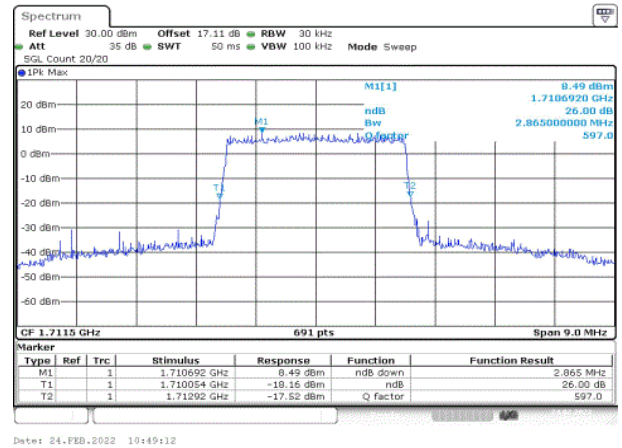


Fig.22

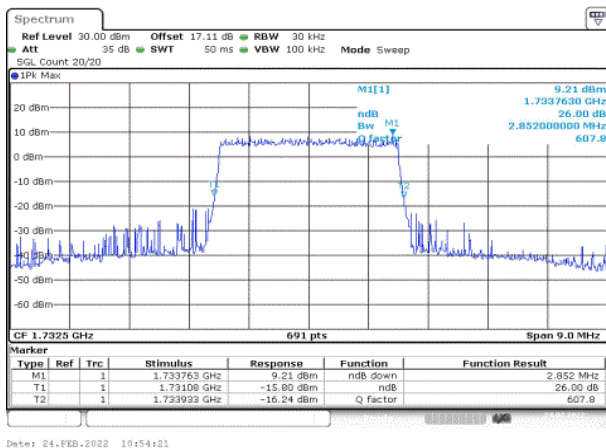


Fig.23

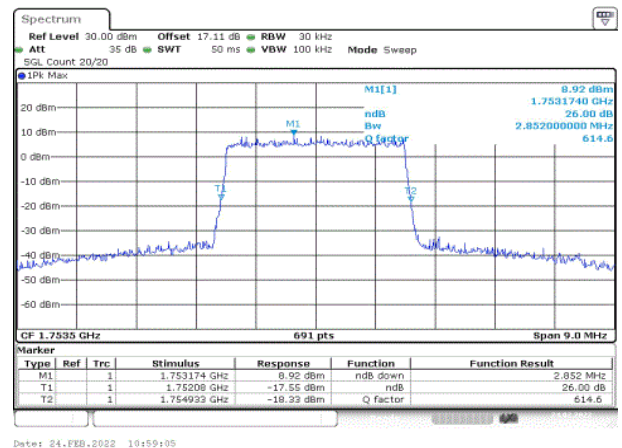


Fig.24

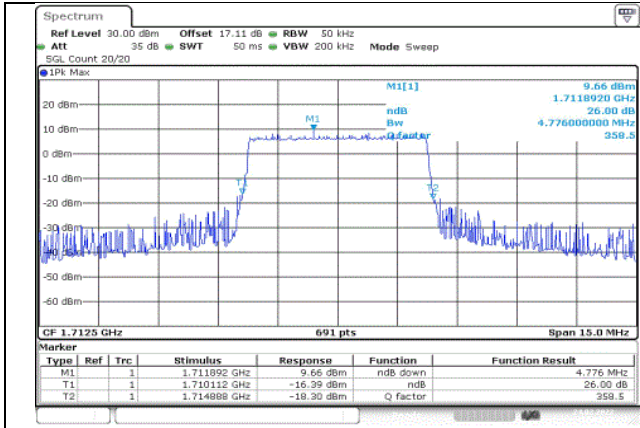


Fig.25

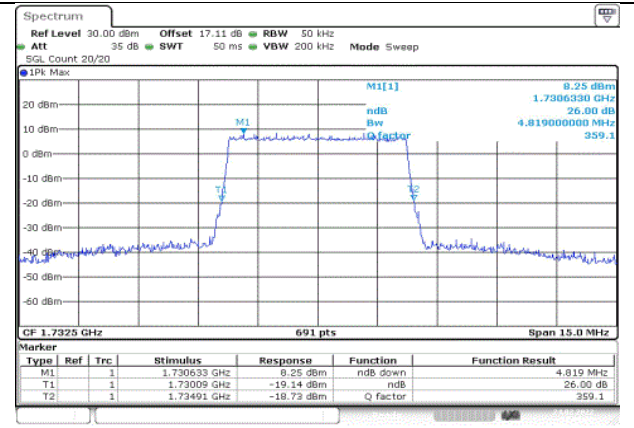


Fig.26

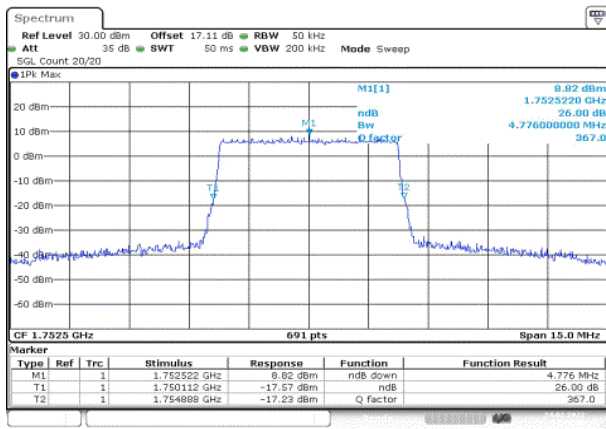


Fig.27

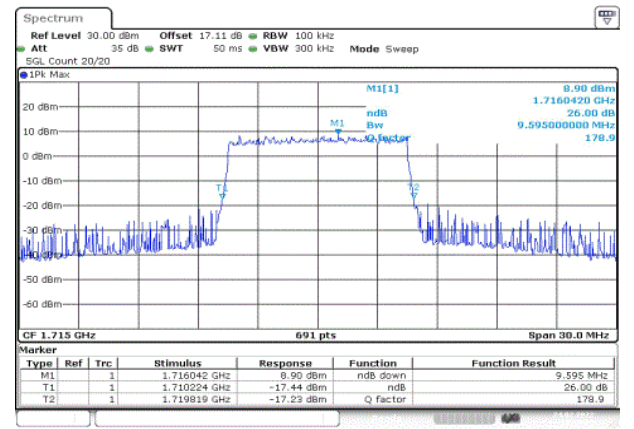


Fig.28

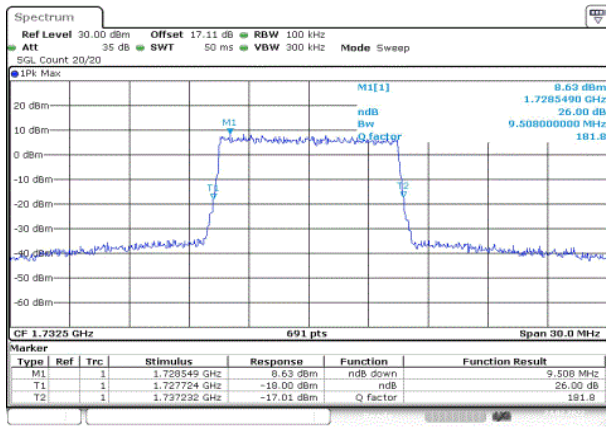


Fig.29

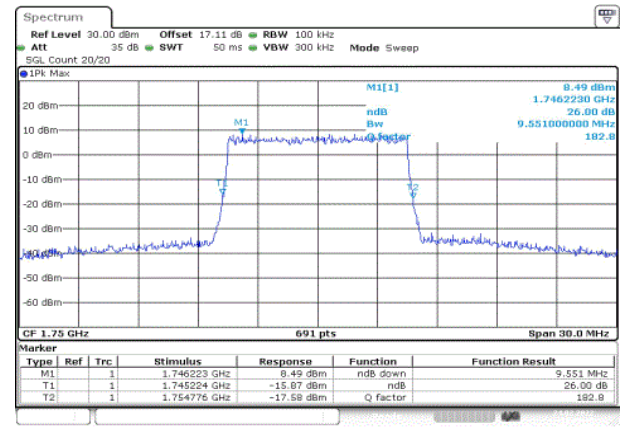


Fig.30

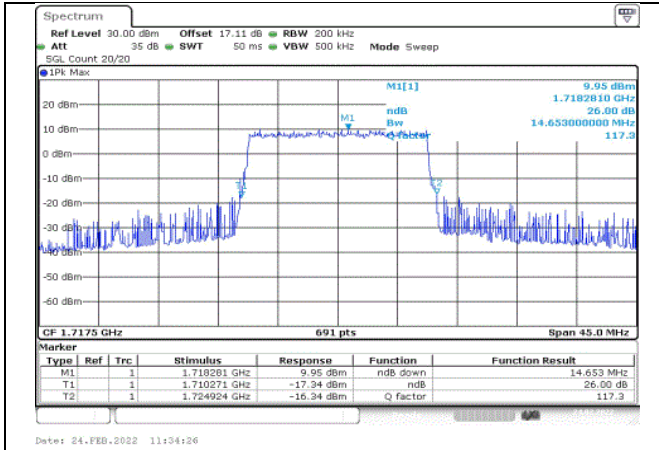


Fig.31

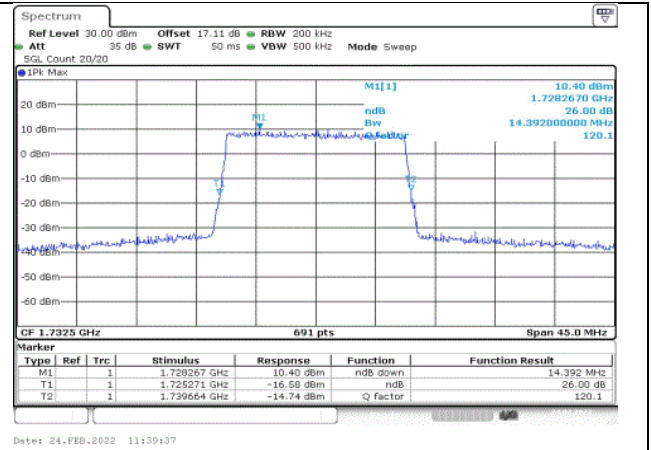


Fig.32

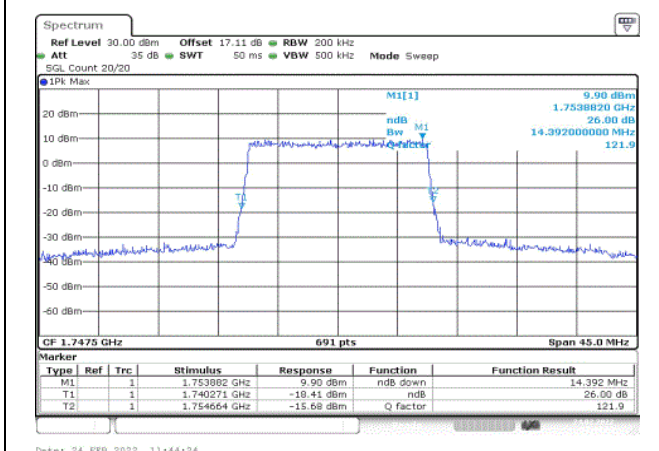


Fig.33

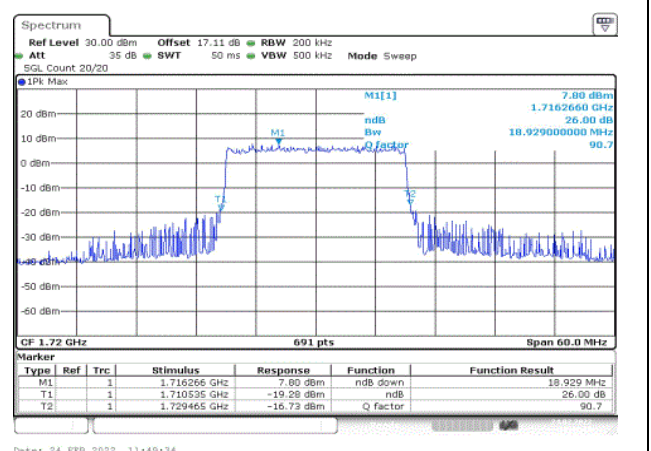


Fig.34

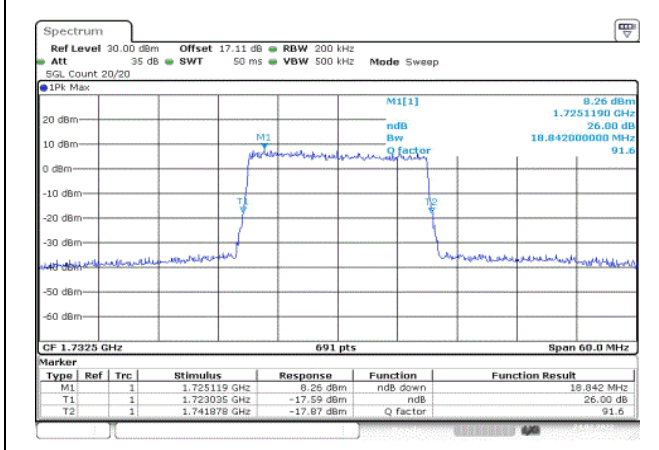


Fig.35

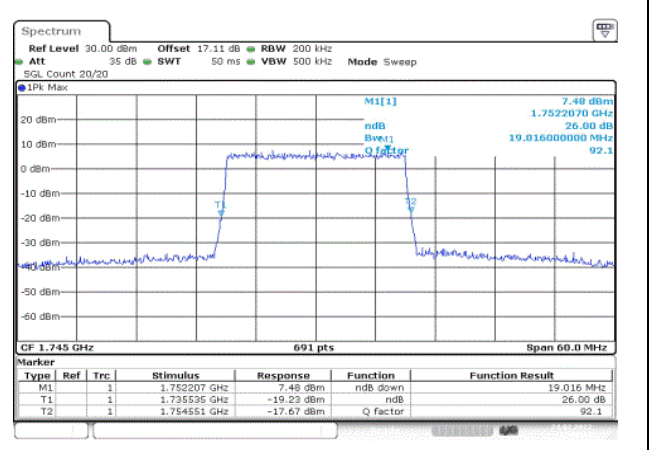


Fig.36

Test Mode: 64QAM

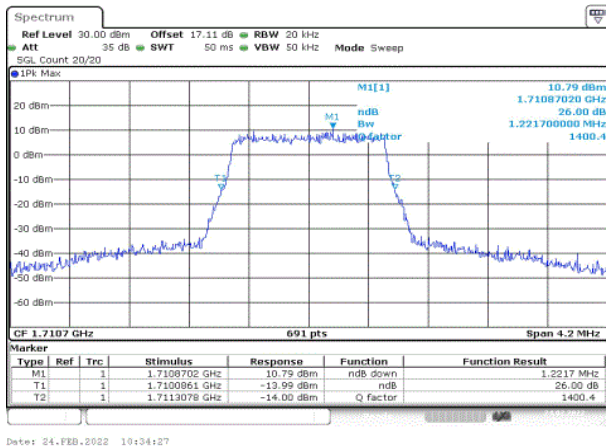


Fig.37

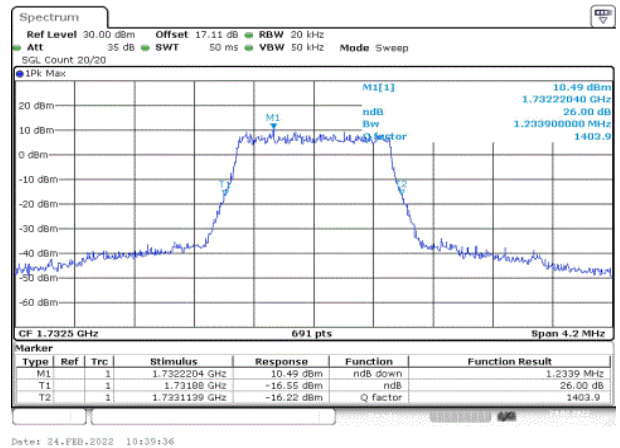


Fig.38

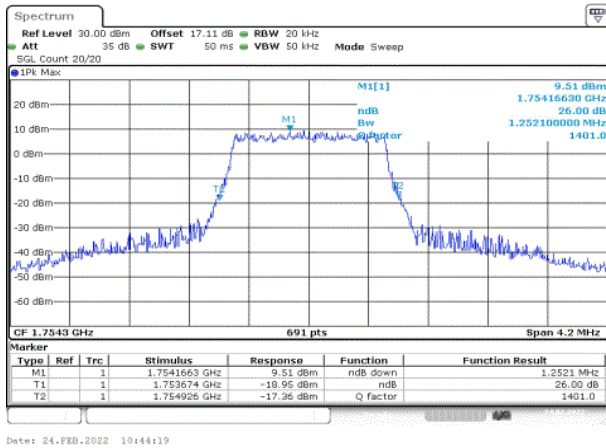


Fig.39

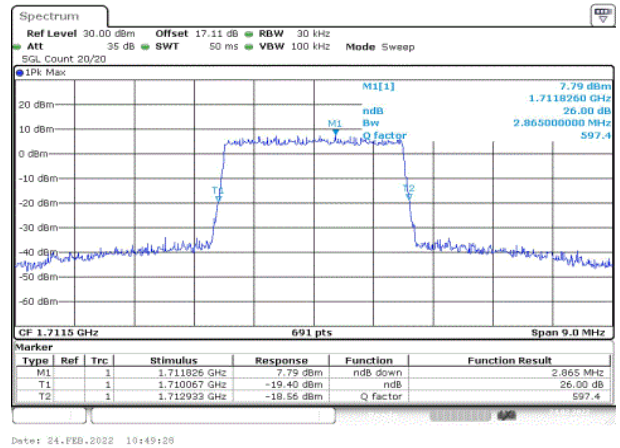


Fig.40

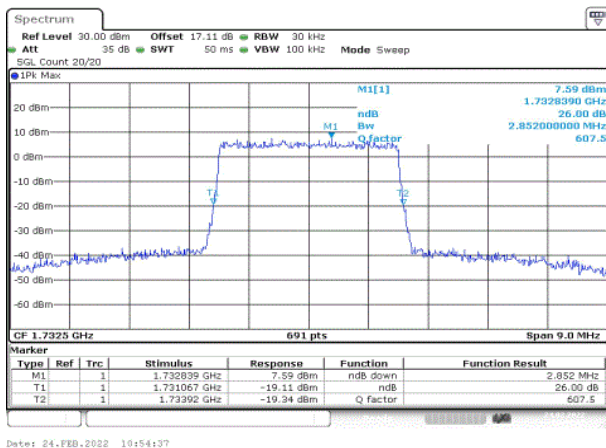


Fig.41

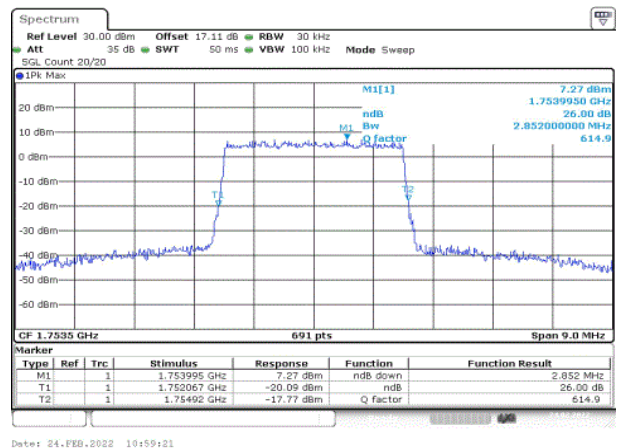


Fig.42

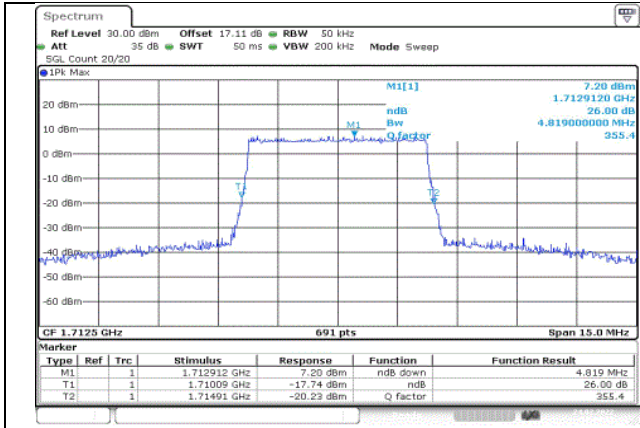


Fig.43

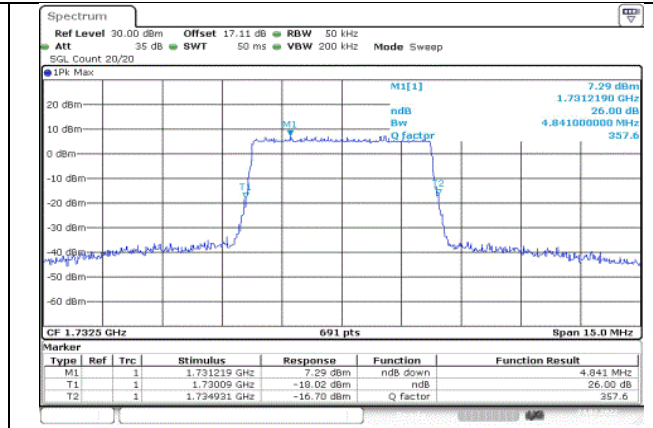


Fig.44

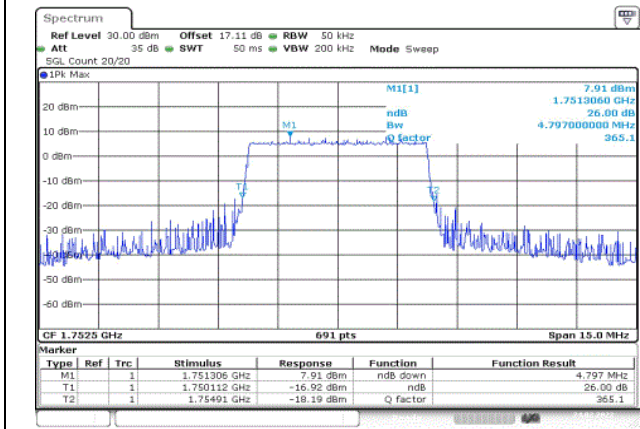


Fig.45

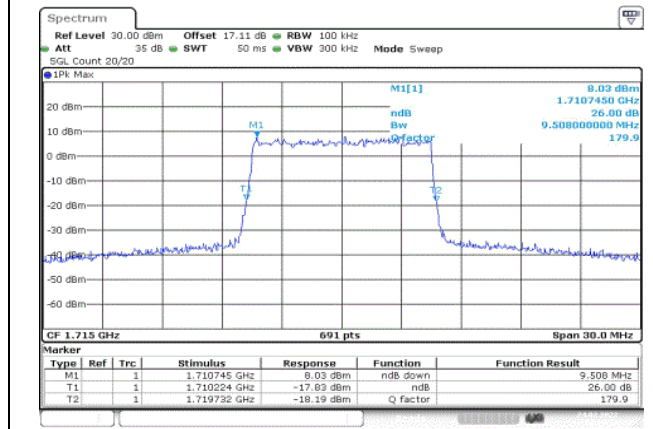


Fig.46

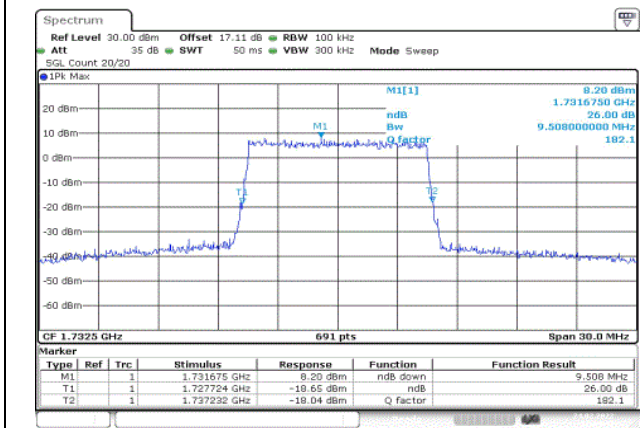


Fig.47

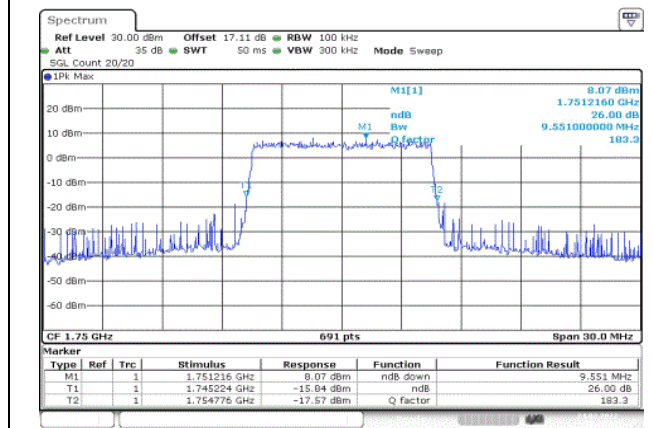
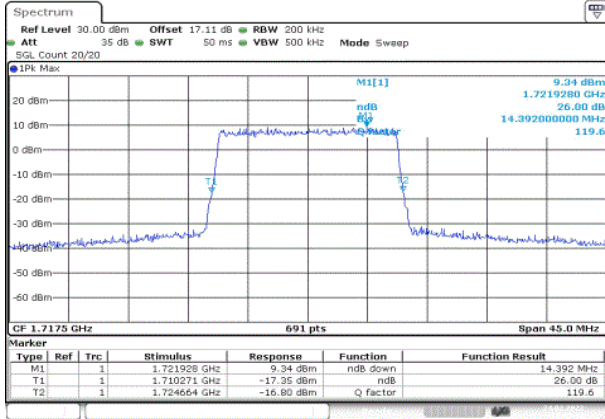
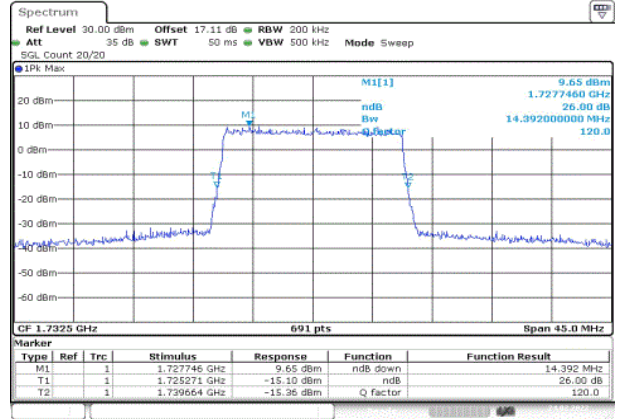


Fig.48



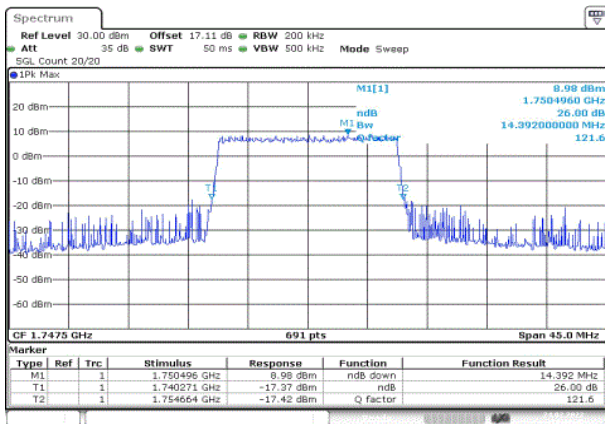
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Fig.49



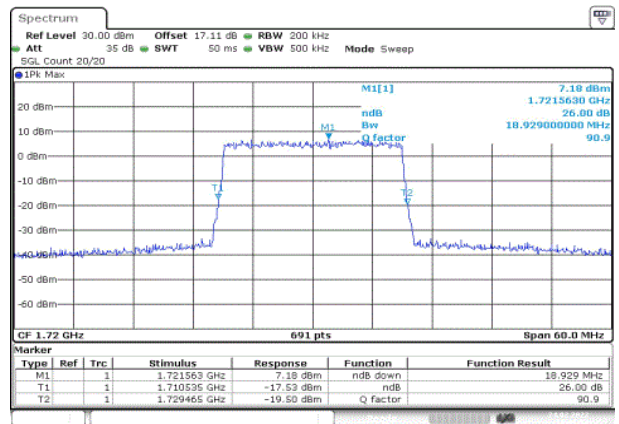
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Fig.50



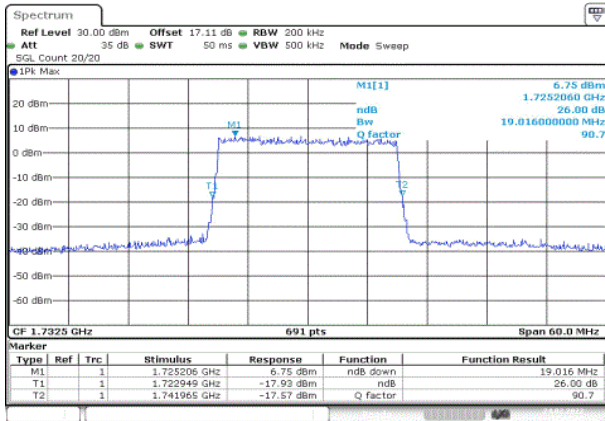
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Fig.51



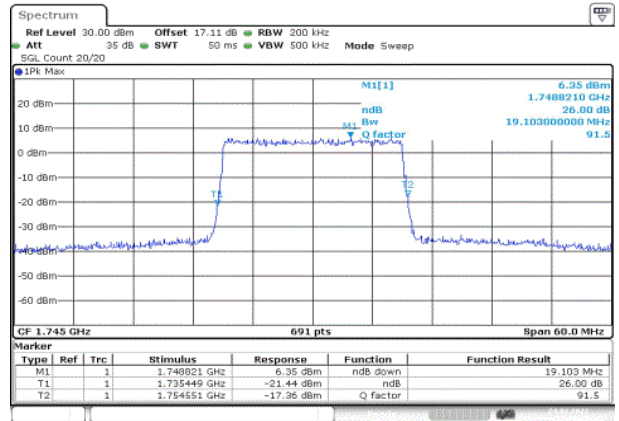
Date: 24.FEB.2022 11:49:50

Fig.52



Date: 24.FEB.2022 11:55:26

Fig.53



Date: 24.FEB.2022 12:00:30

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

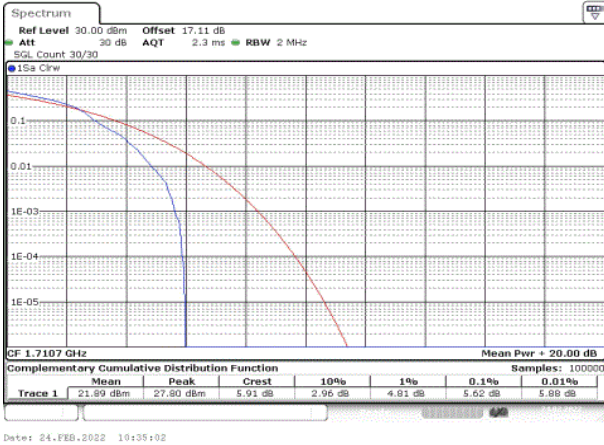


Fig.1

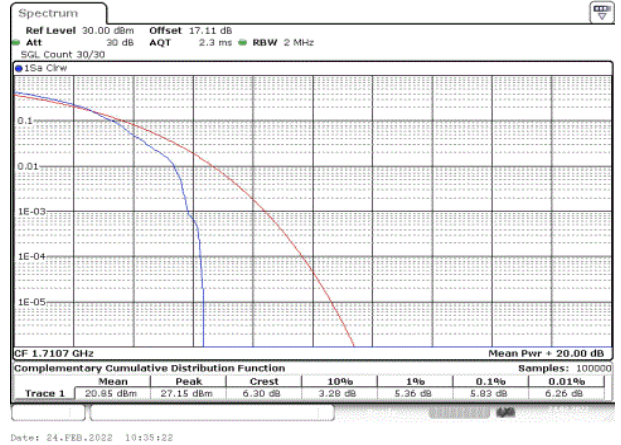


Fig.2

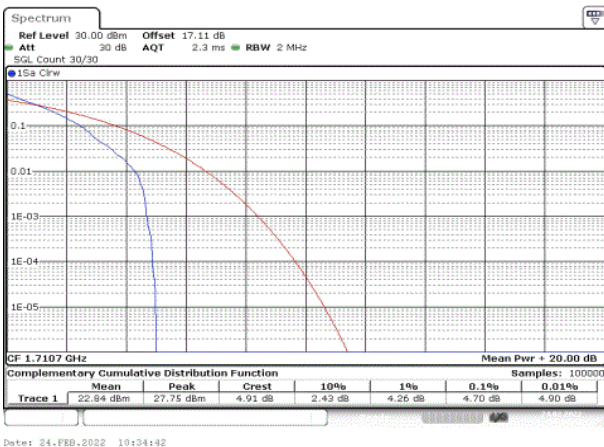


Fig.3

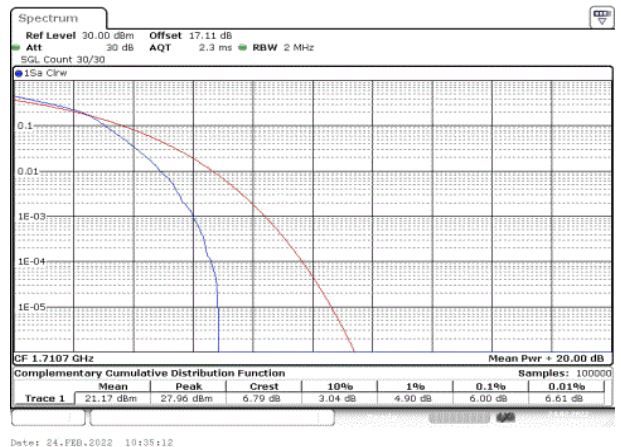


Fig.4

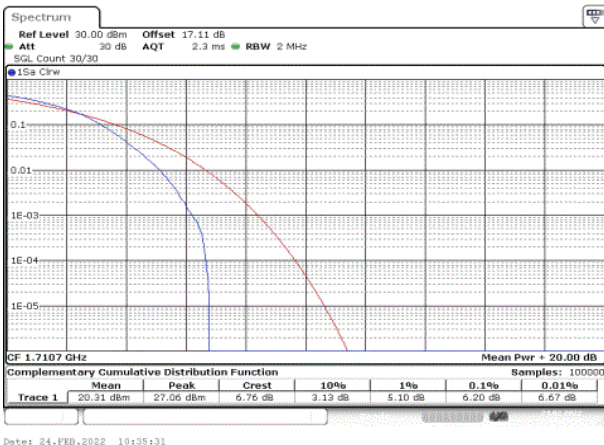


Fig.5

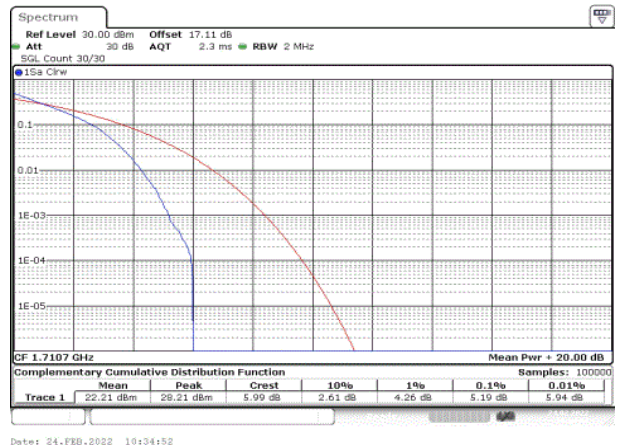


Fig.6

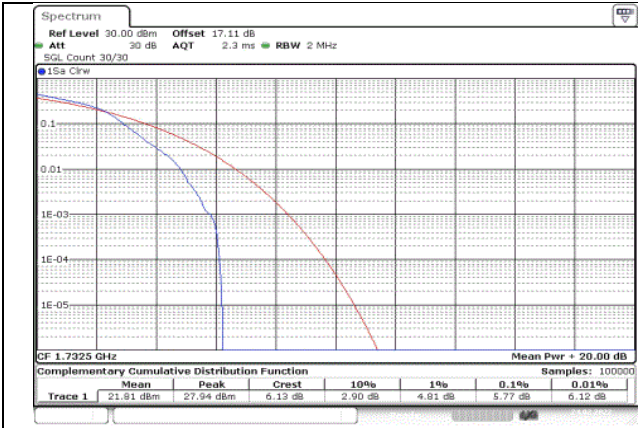


Fig.7

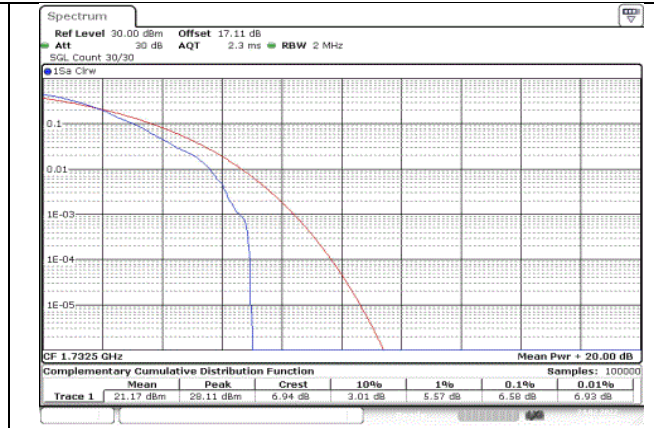


Fig.8

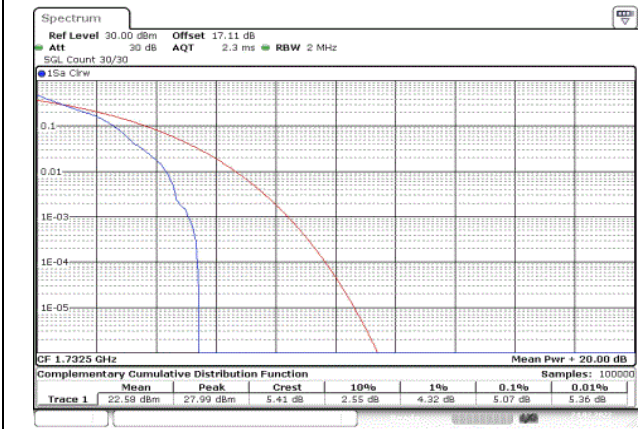


Fig.9

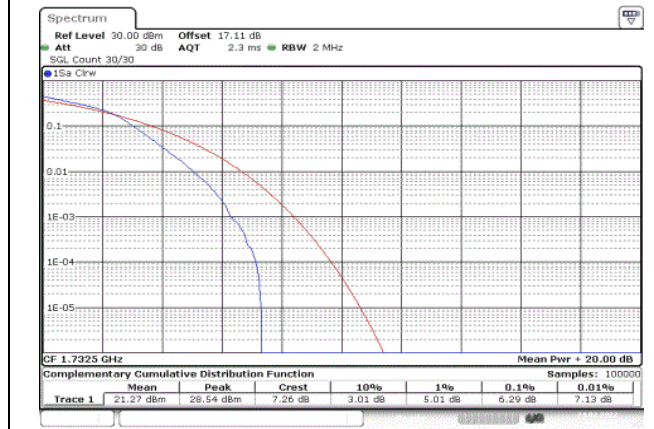


Fig.10

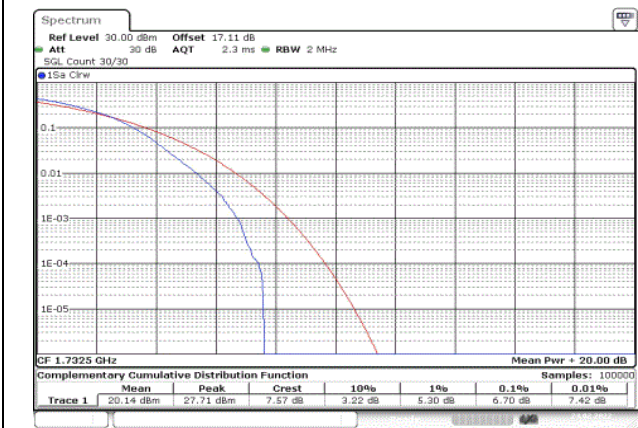


Fig.11

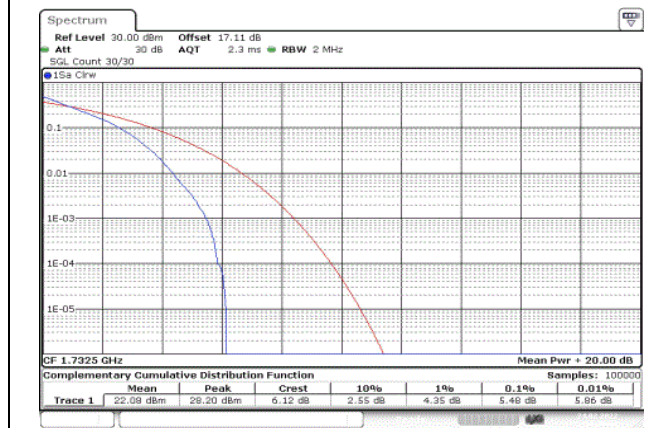


Fig.12

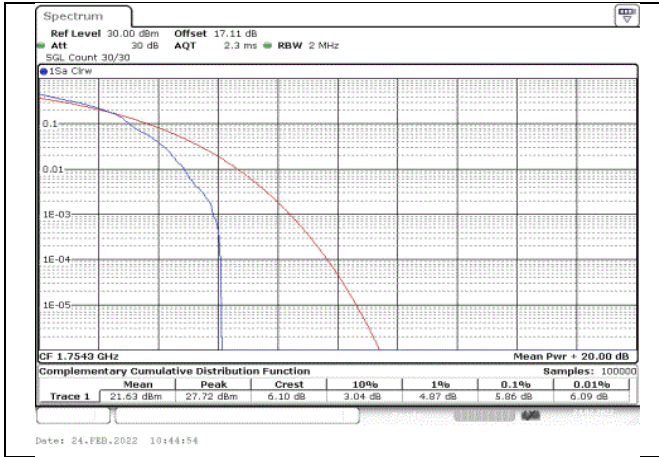


Fig.13

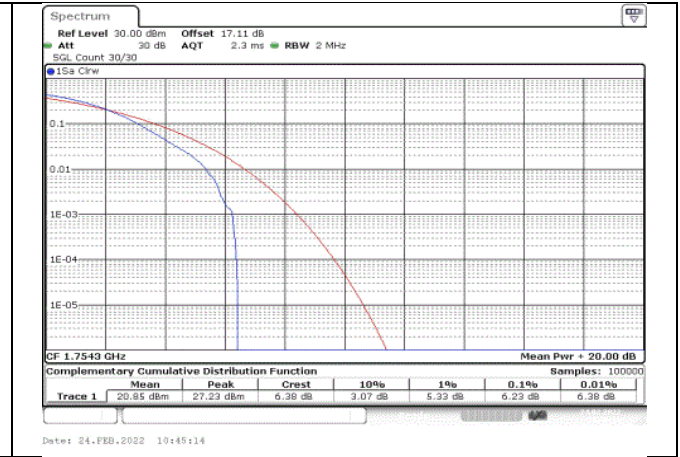


Fig.14

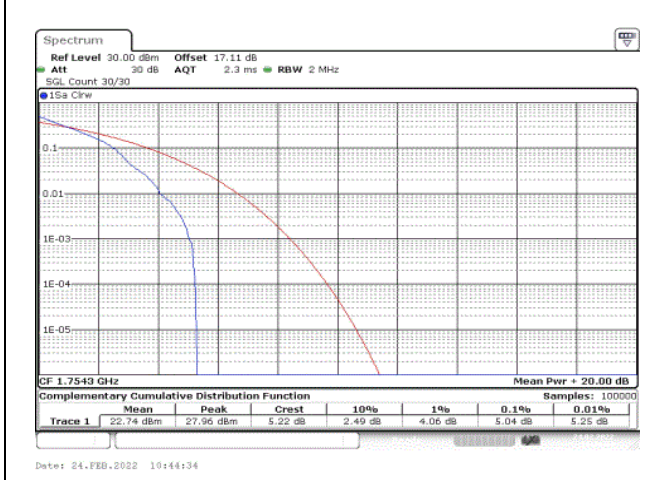


Fig.15

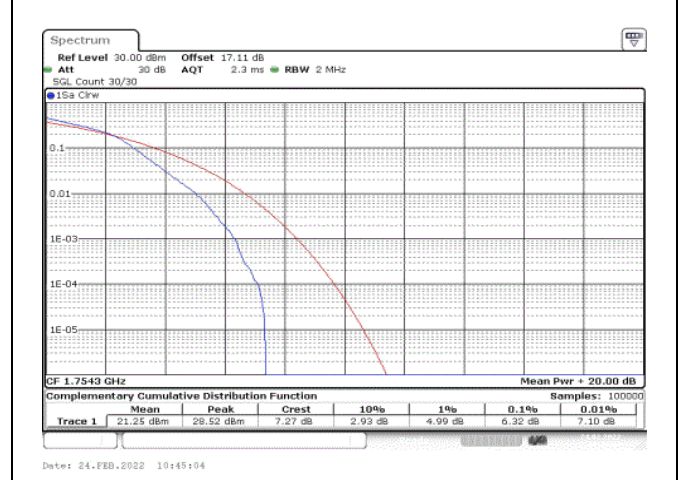


Fig.16

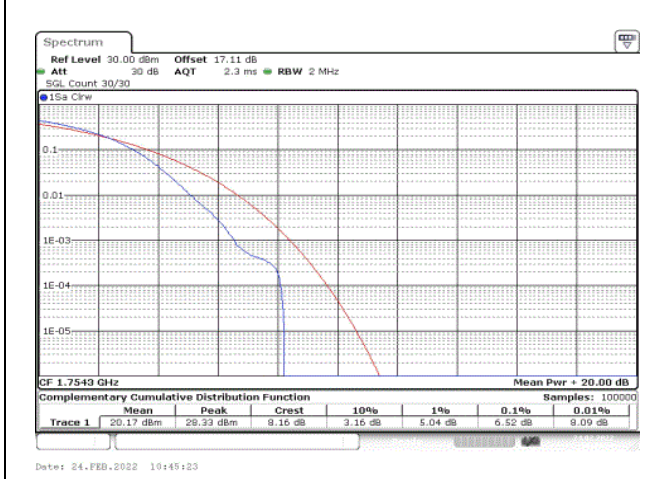


Fig.17

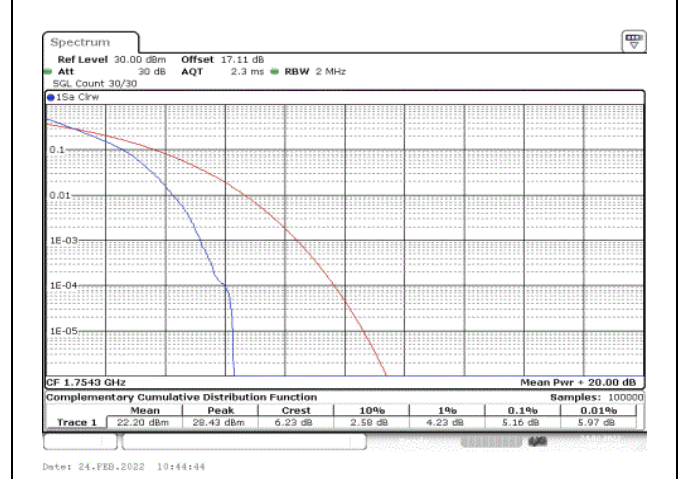


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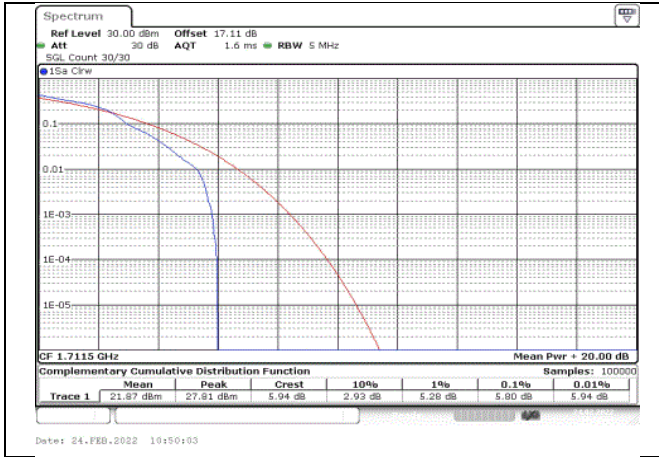


Fig.19

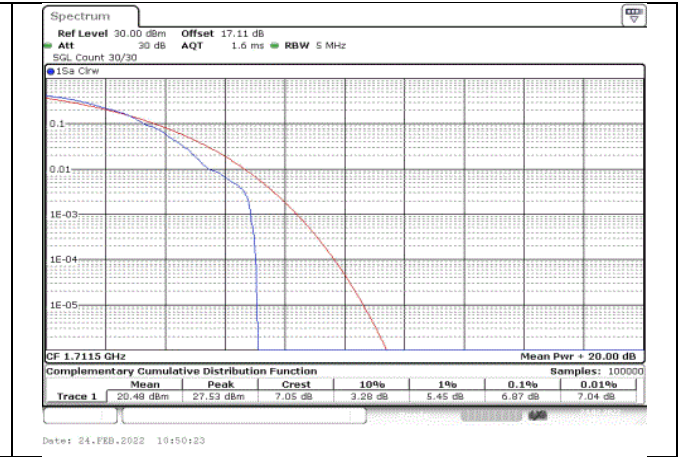


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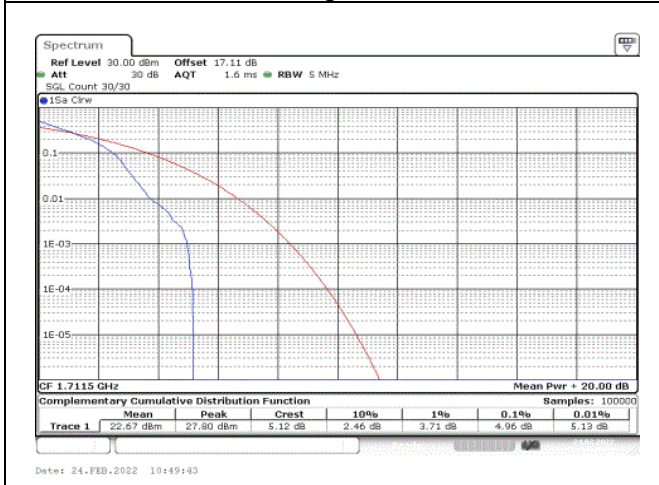


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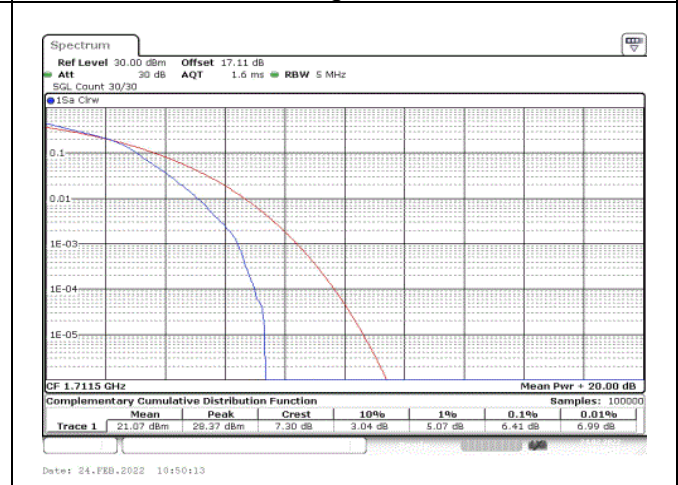


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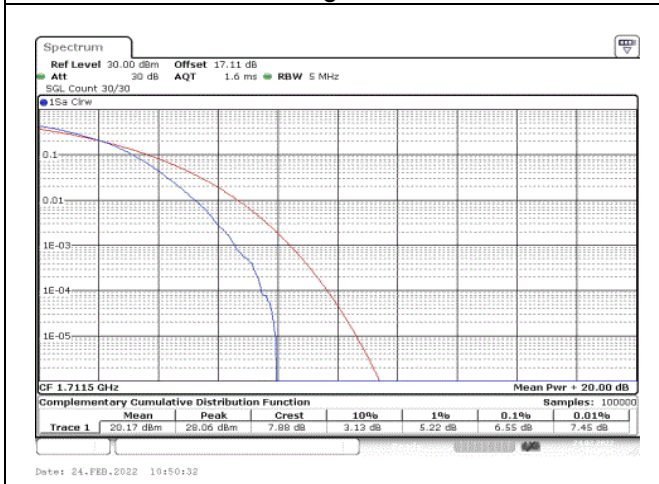


Fig.23

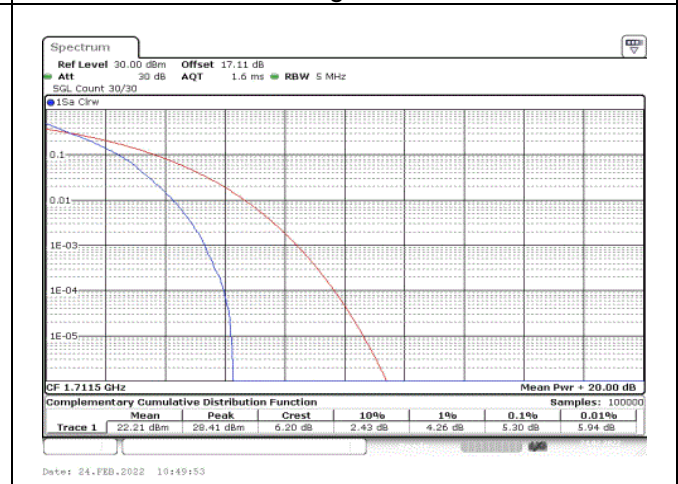


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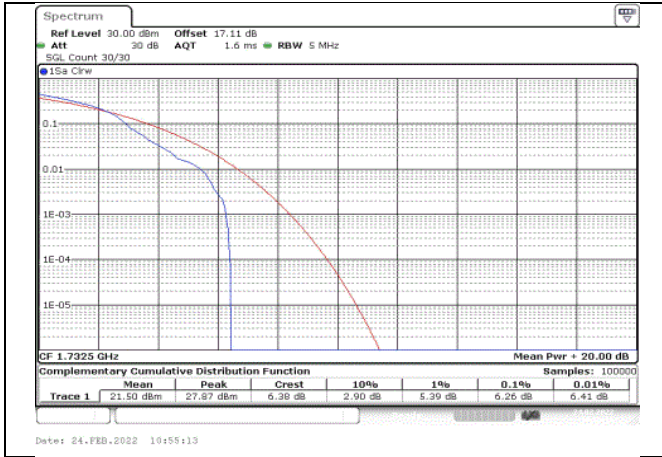


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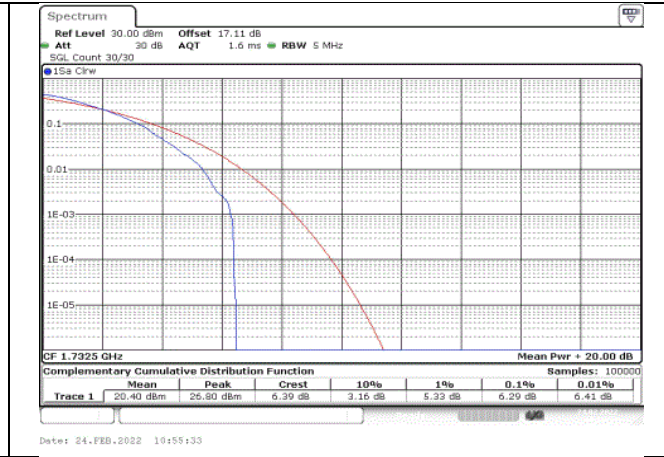


Fig.26

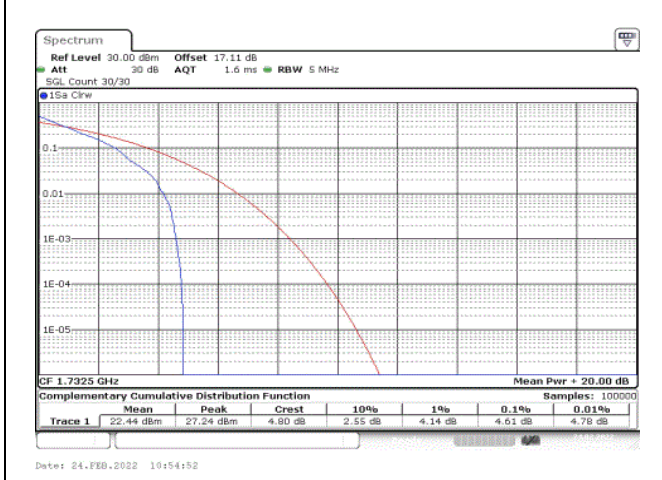


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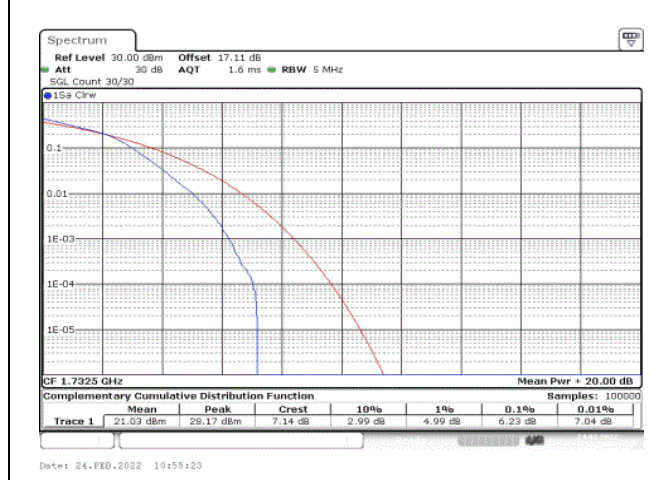


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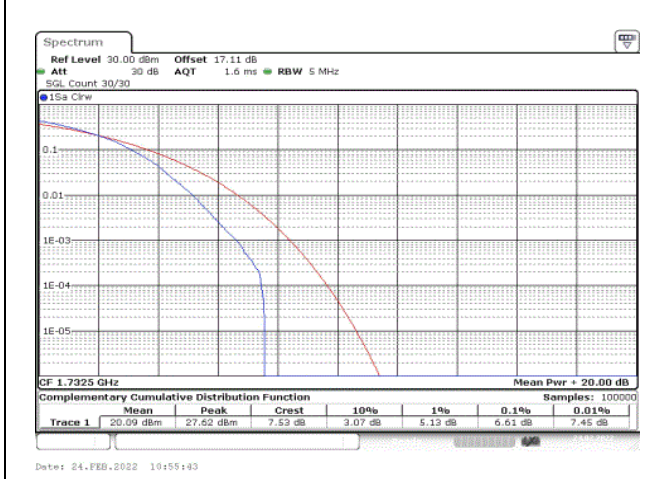


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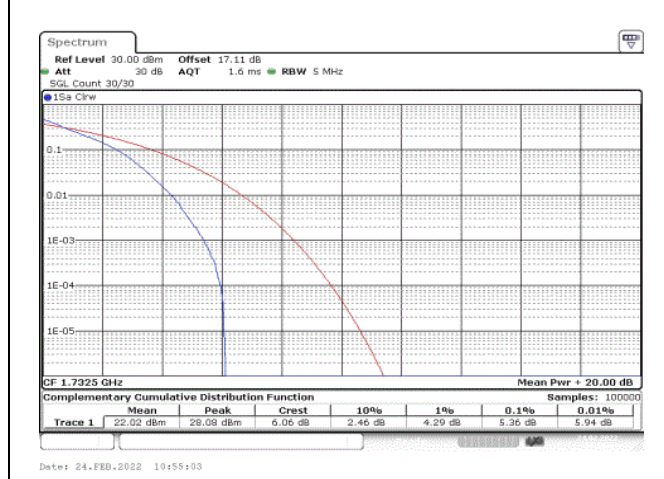


Fig.30

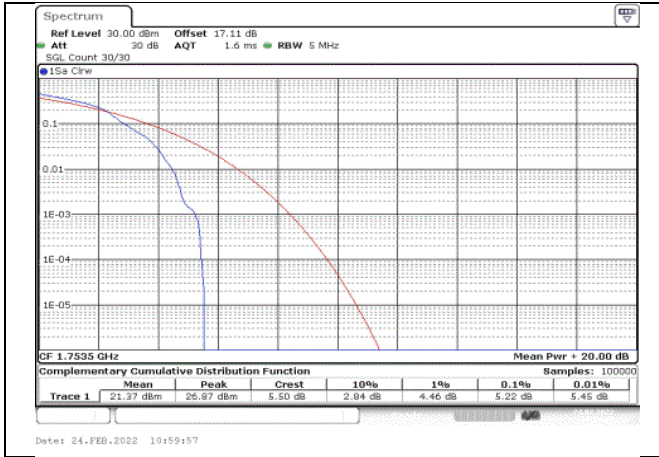


Fig.31

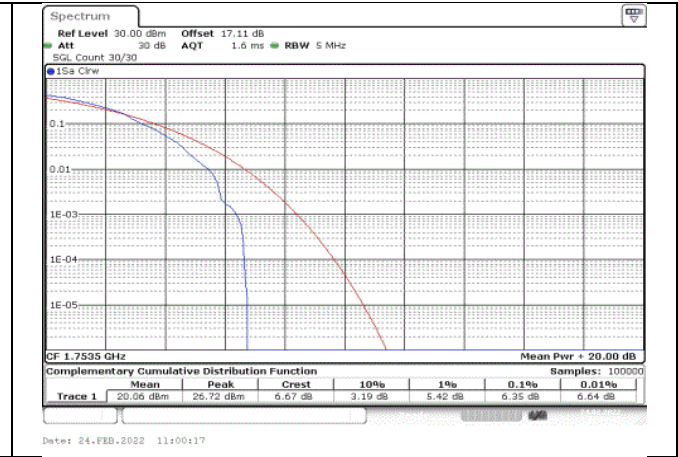


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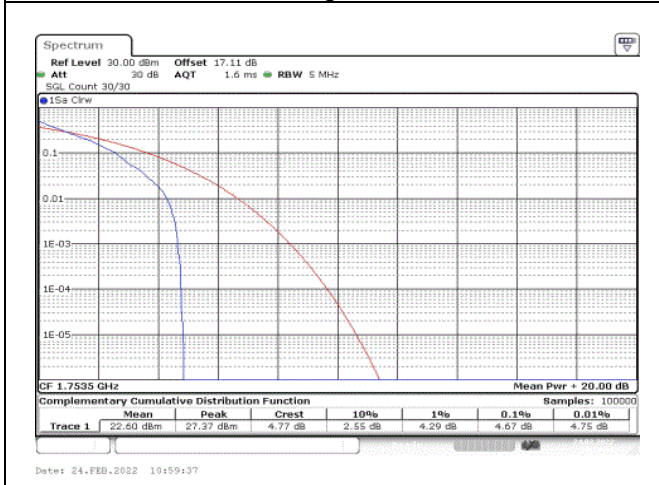


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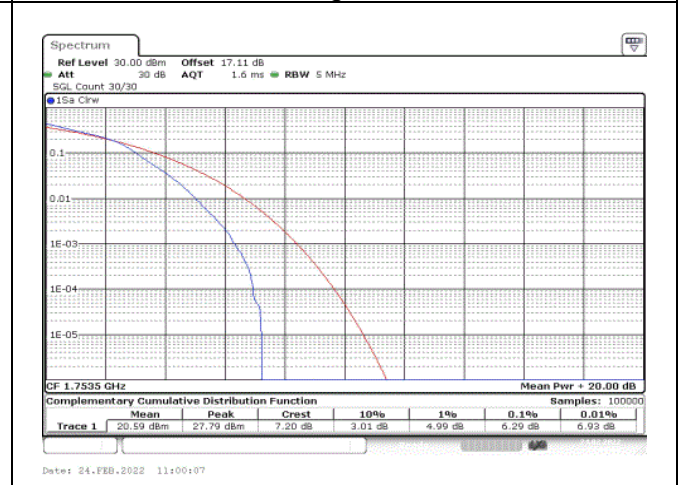


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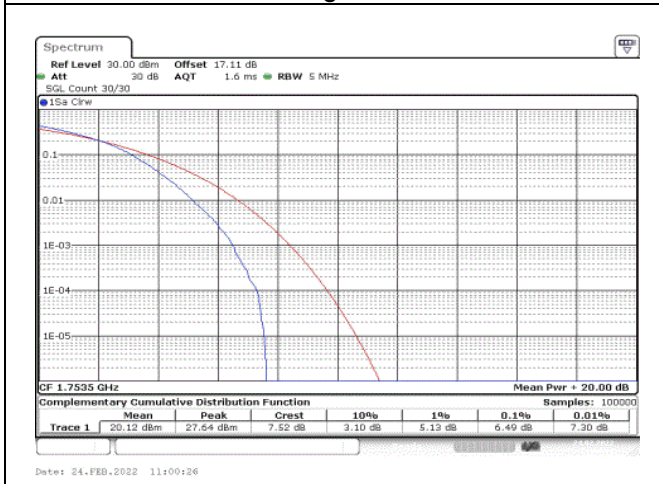


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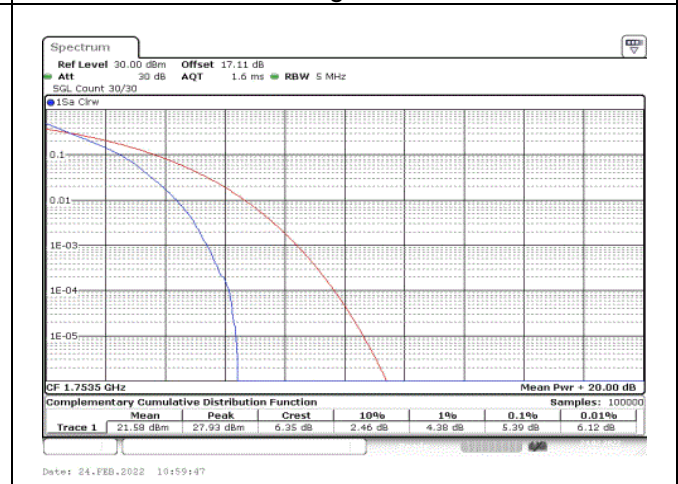


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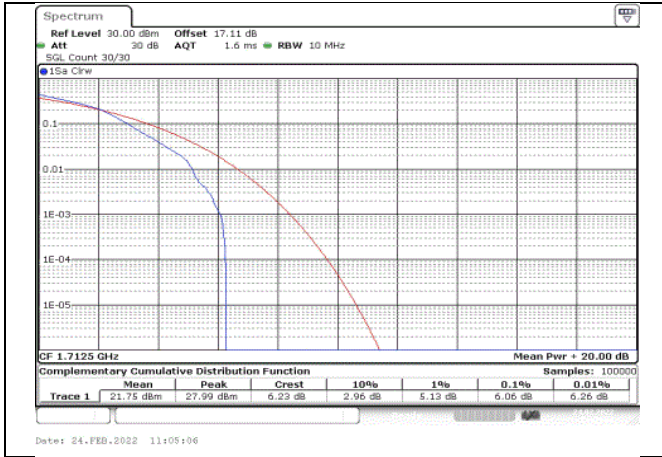


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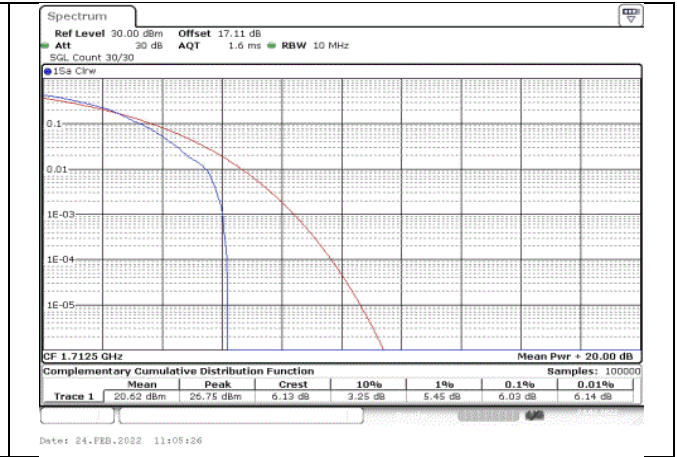


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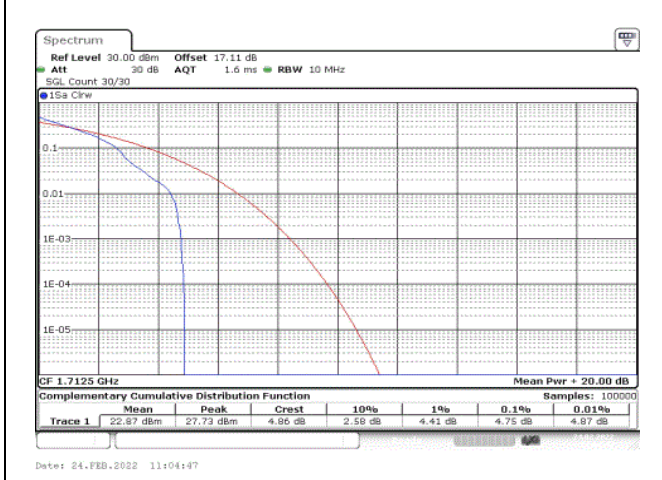


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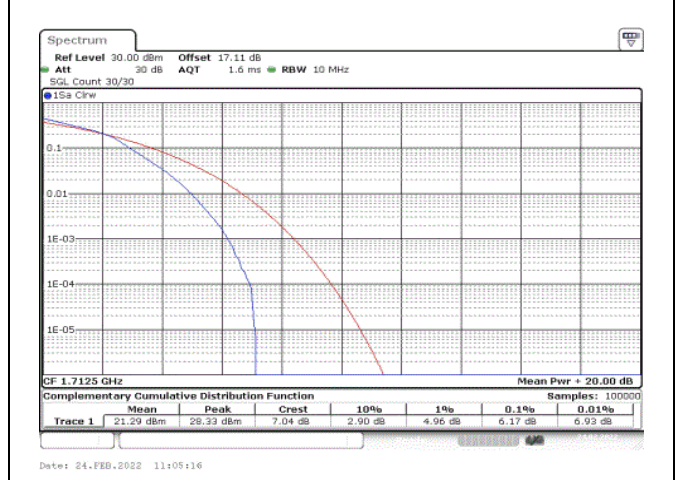


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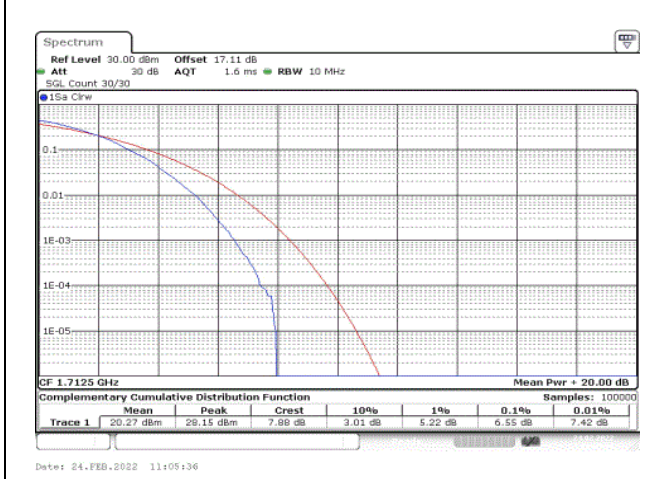


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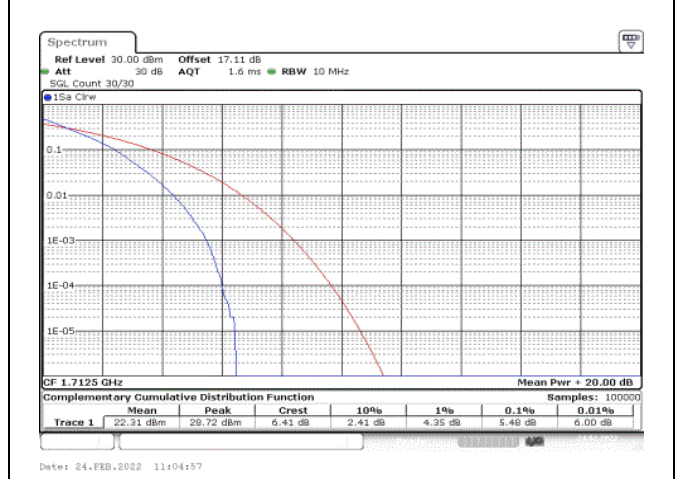


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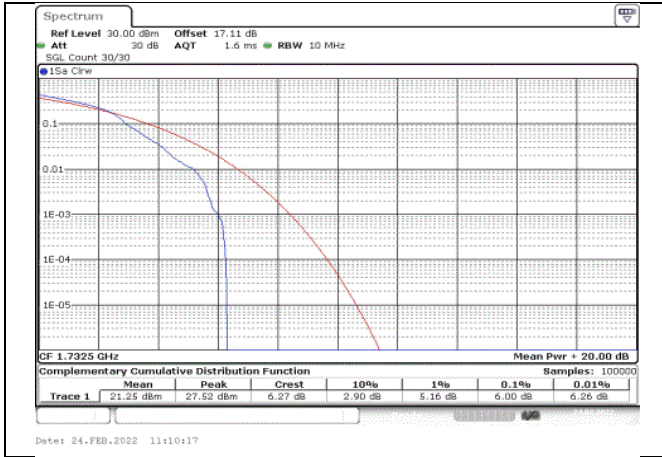


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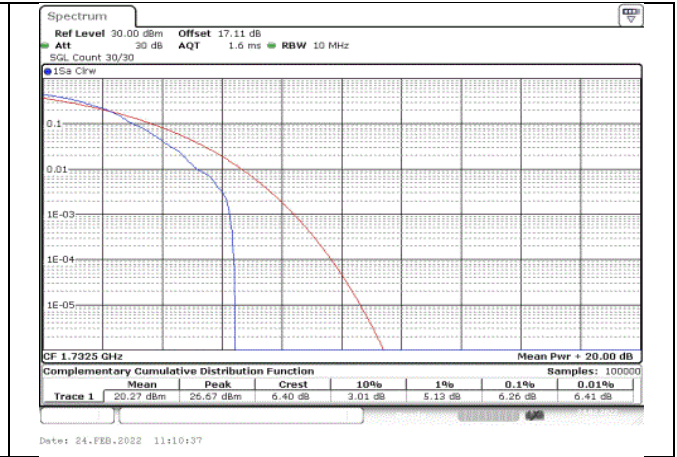


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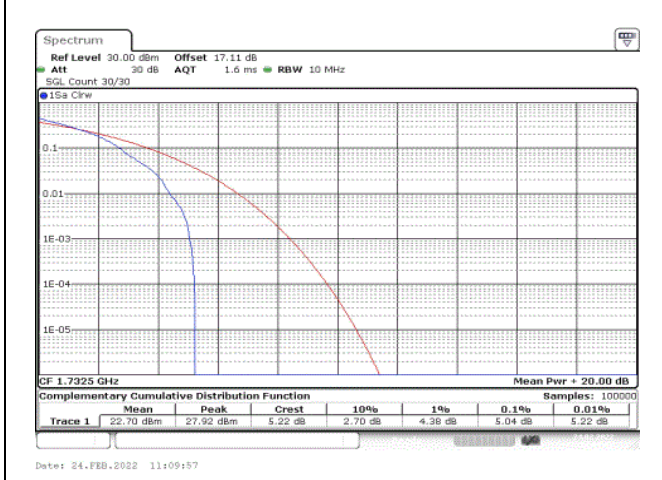


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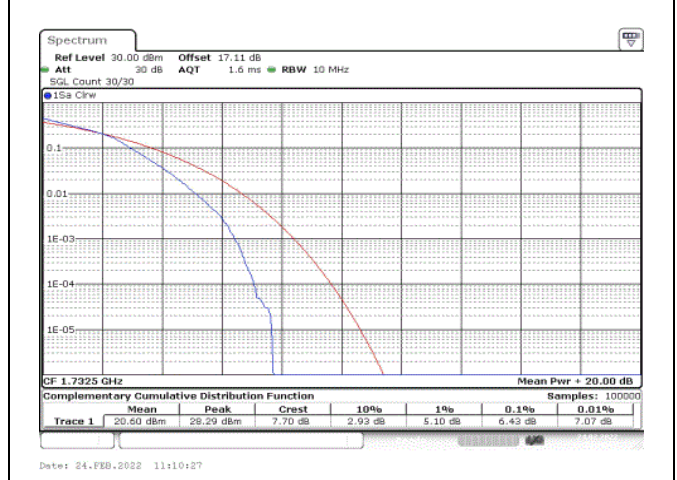


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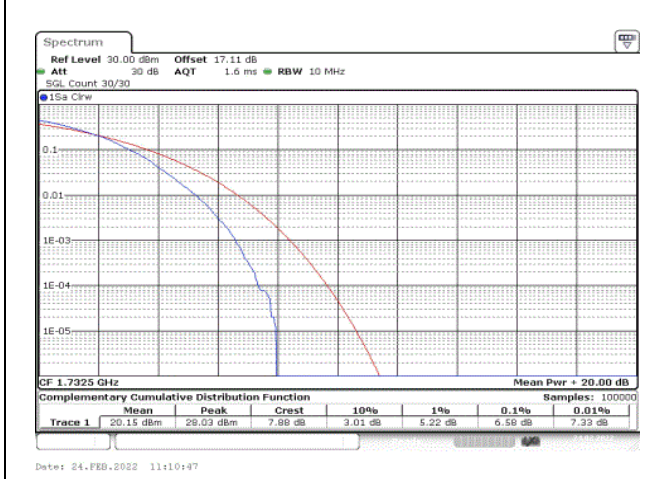


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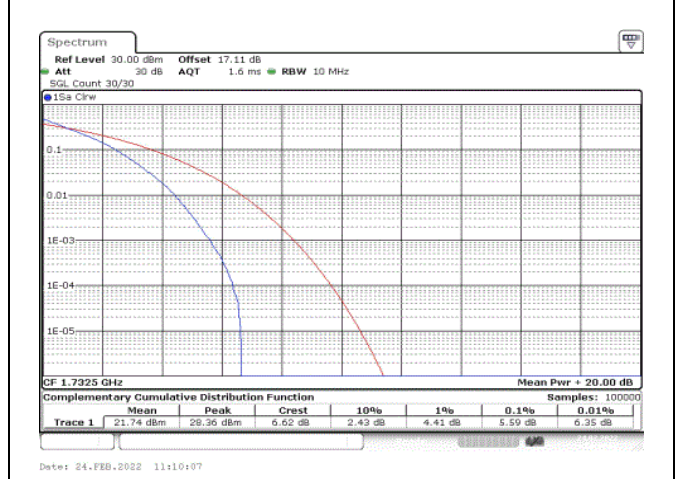


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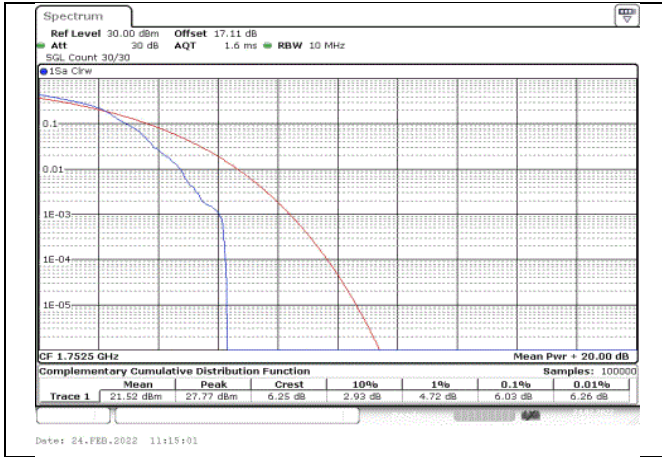


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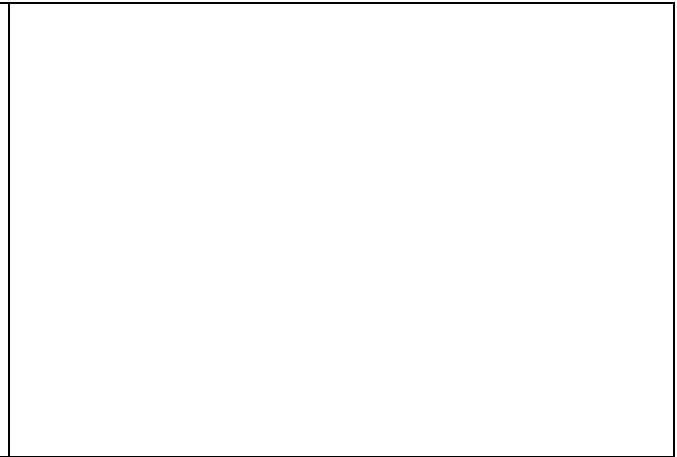


Fig.50

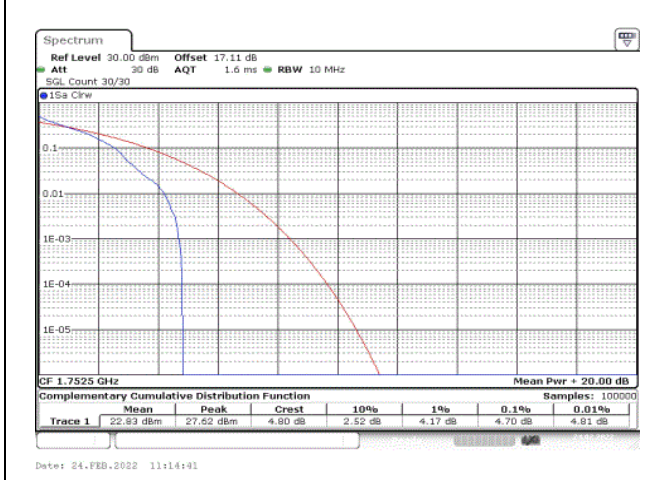


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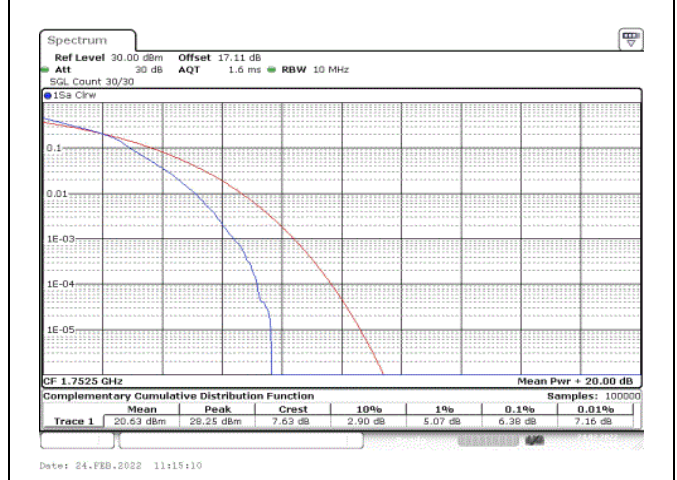


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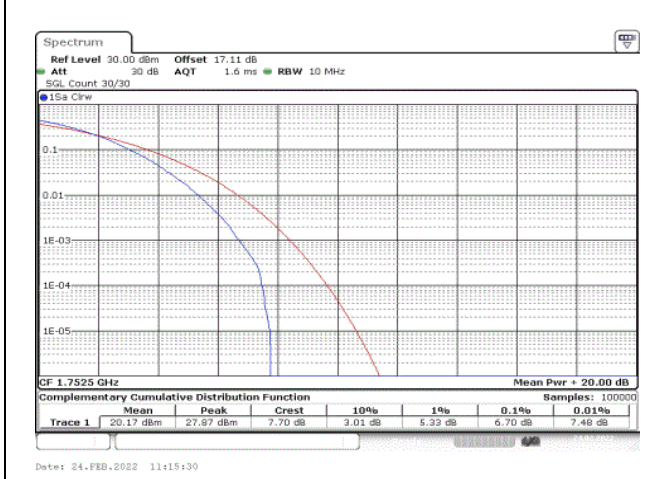


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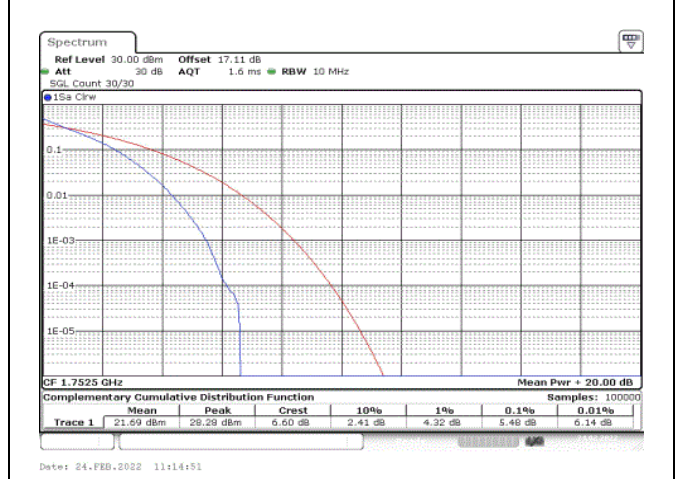


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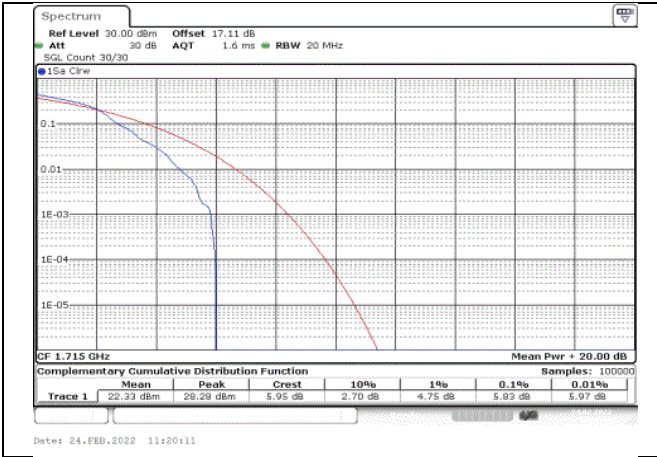


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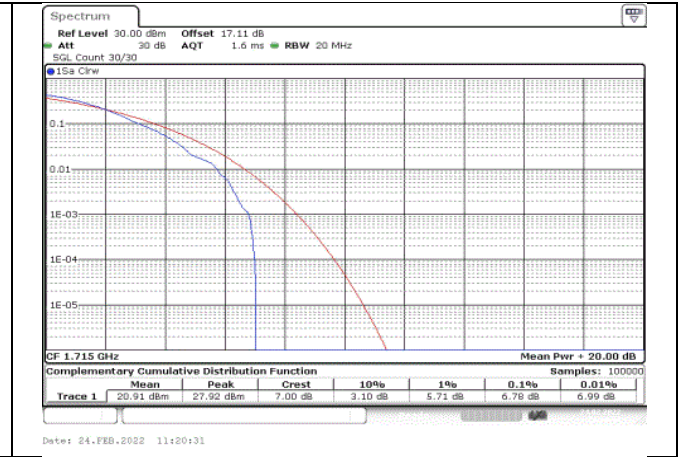


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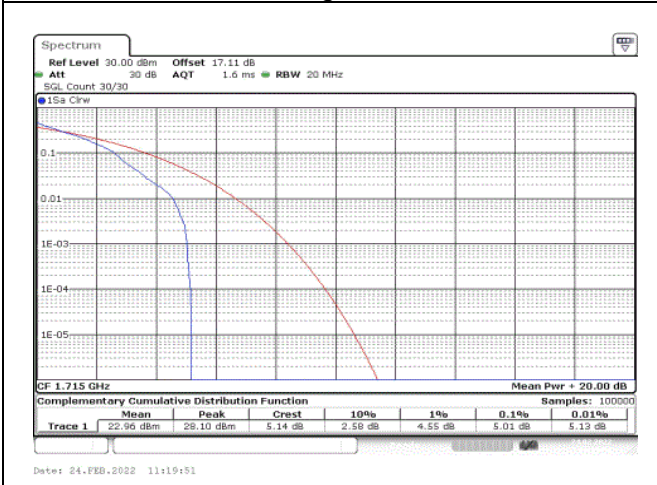


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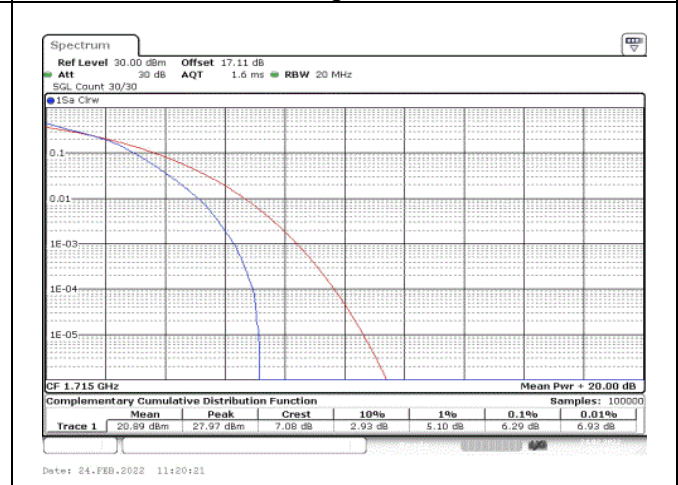


Fig.58

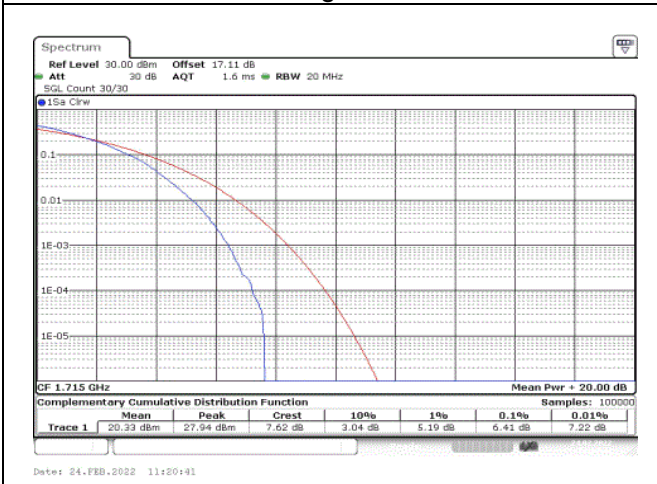


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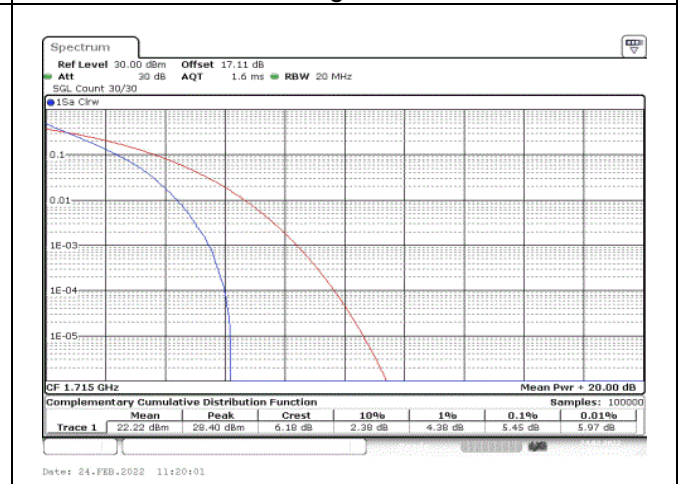


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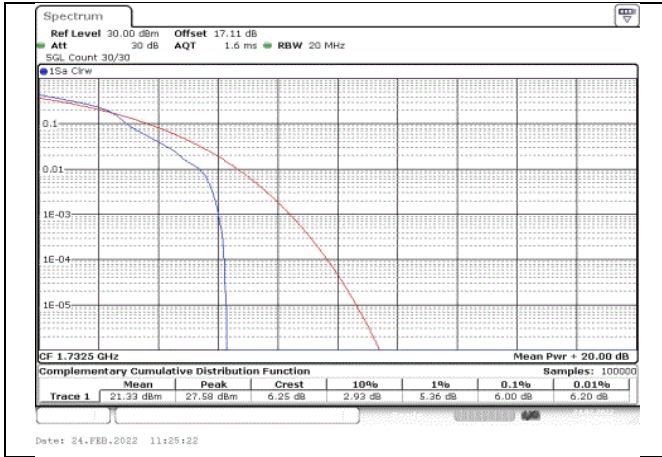


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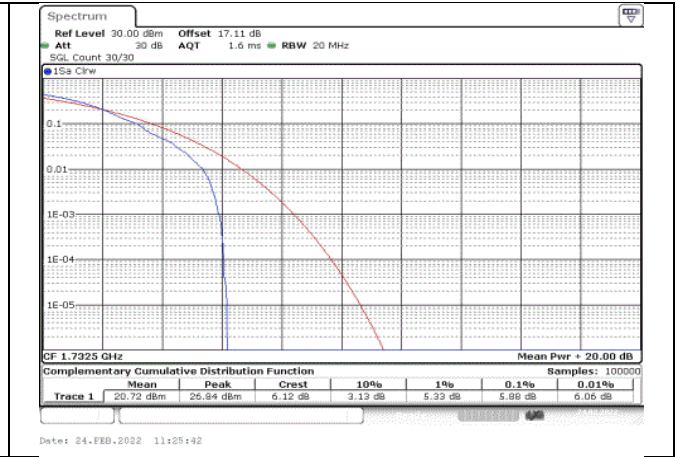


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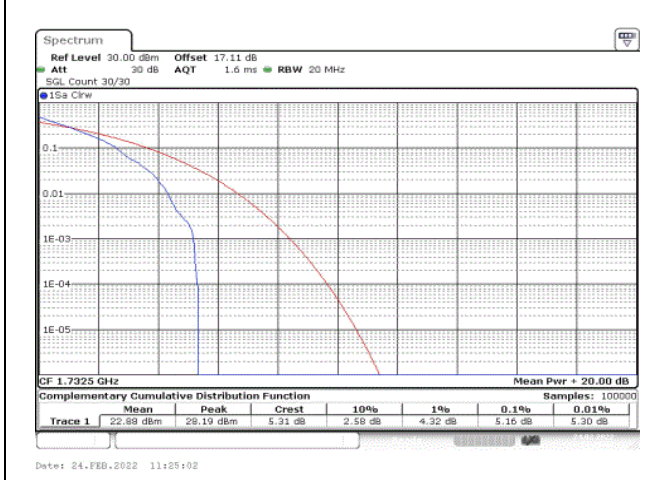


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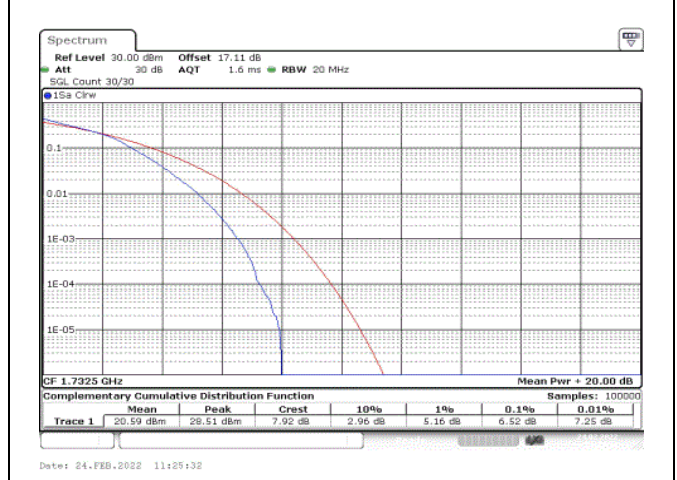


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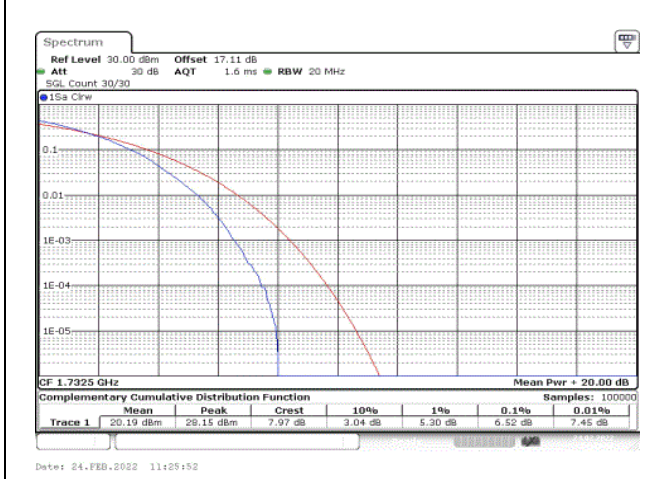


Fig.65

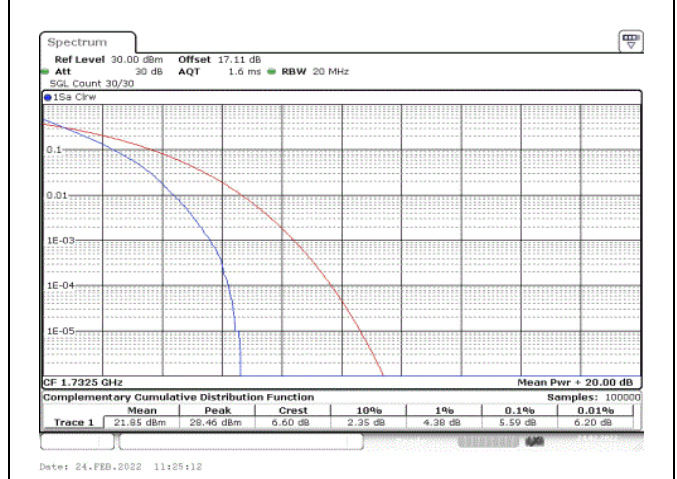


Fig.66

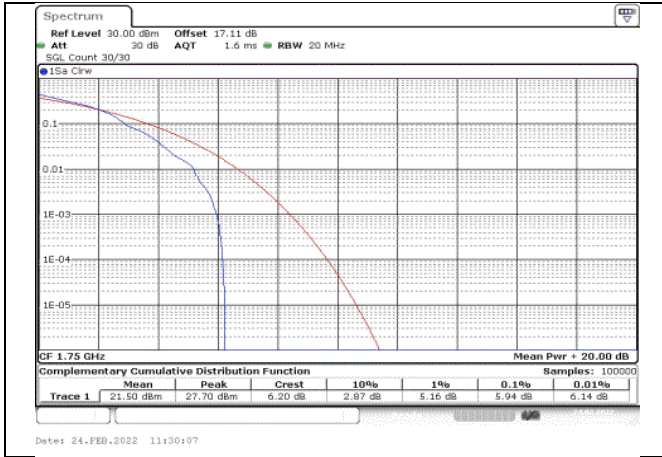


Fig.67

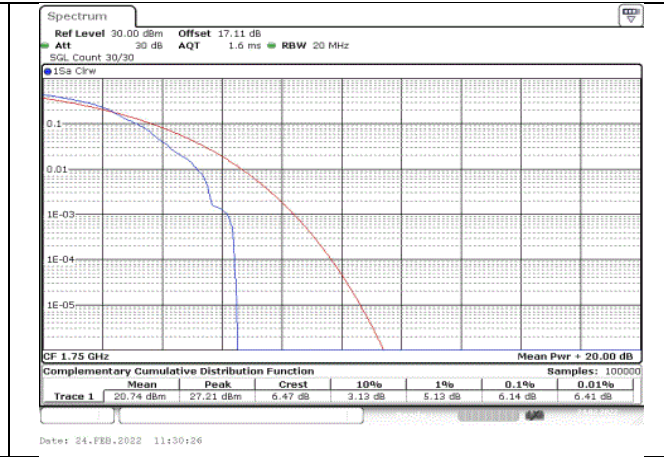


Fig.68

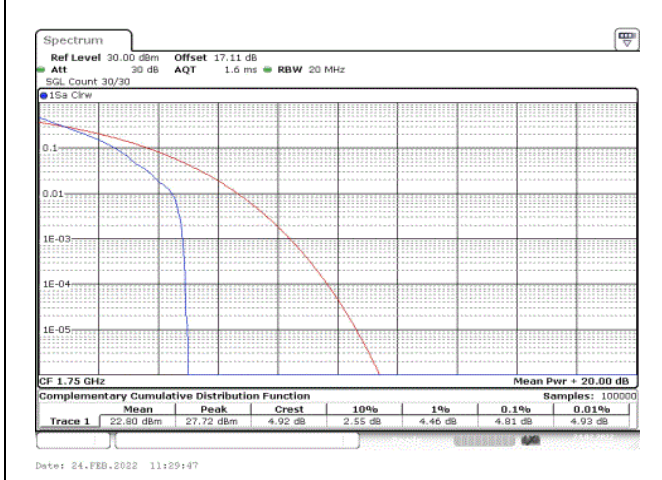


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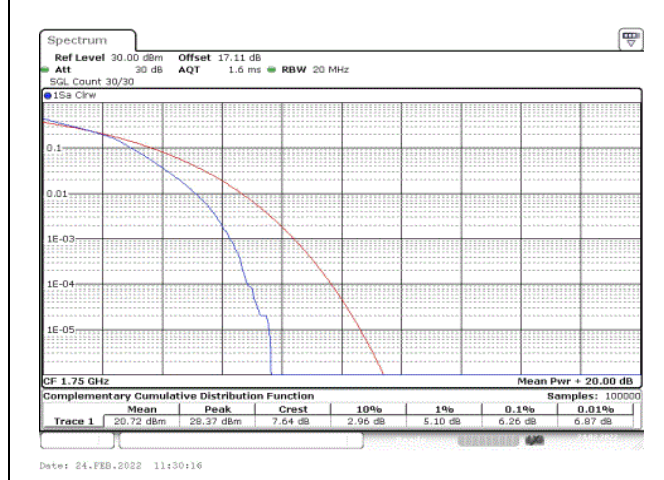


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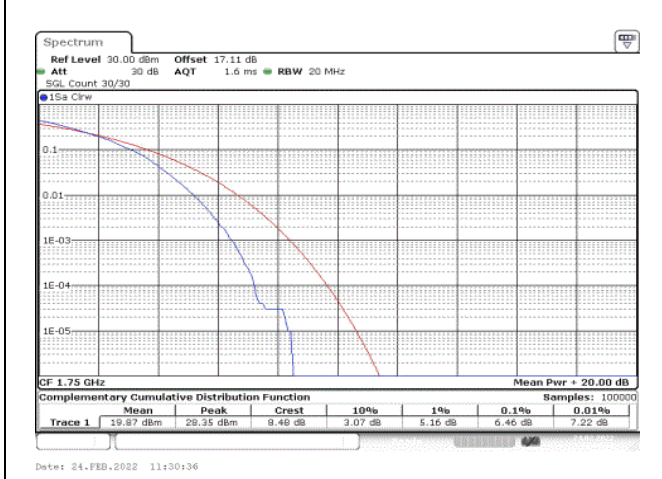


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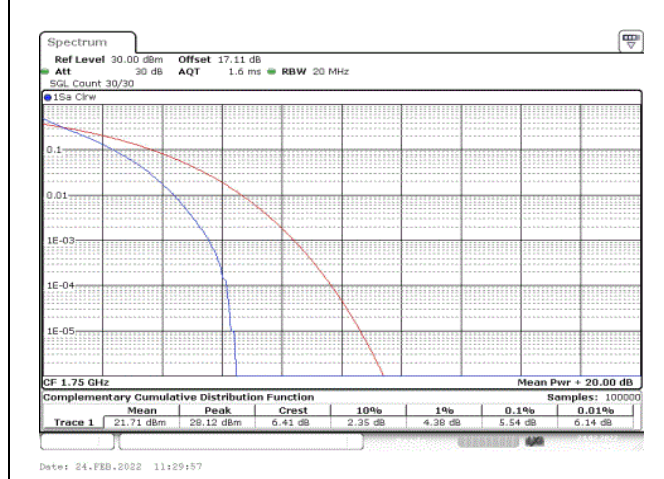


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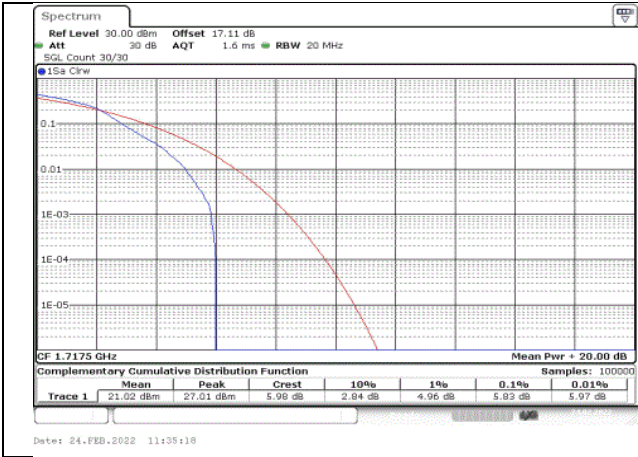


Fig.73

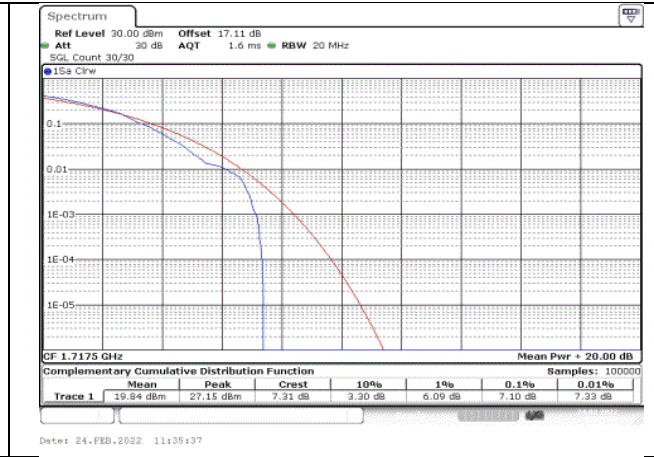


Fig.74

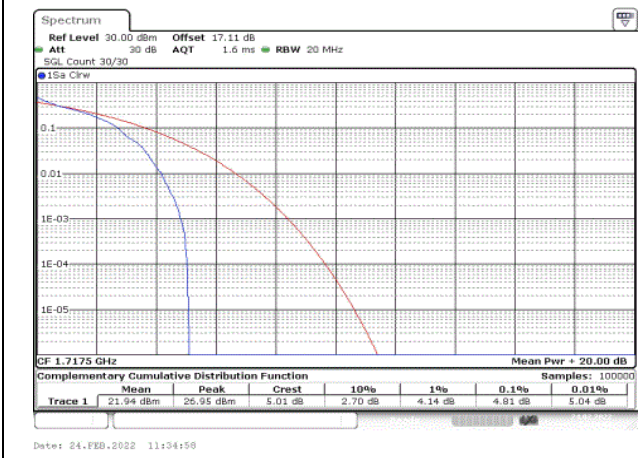


Fig.75

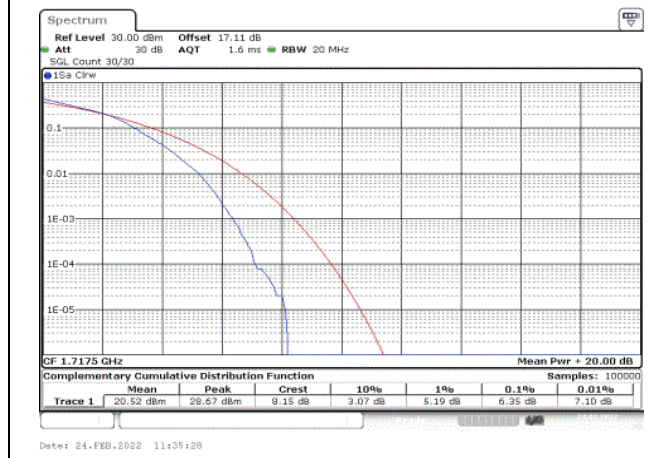


Fig.76

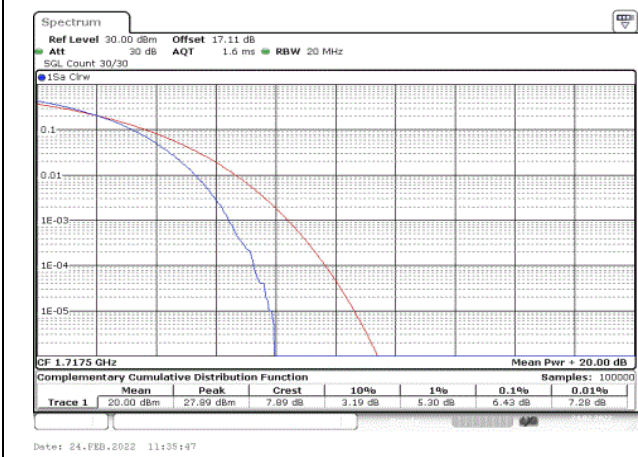


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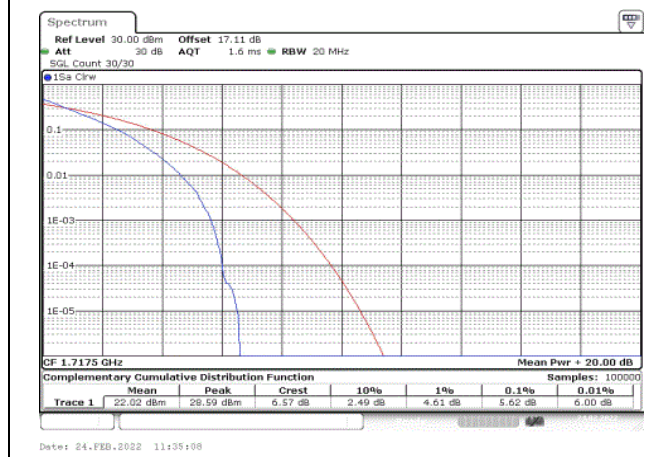


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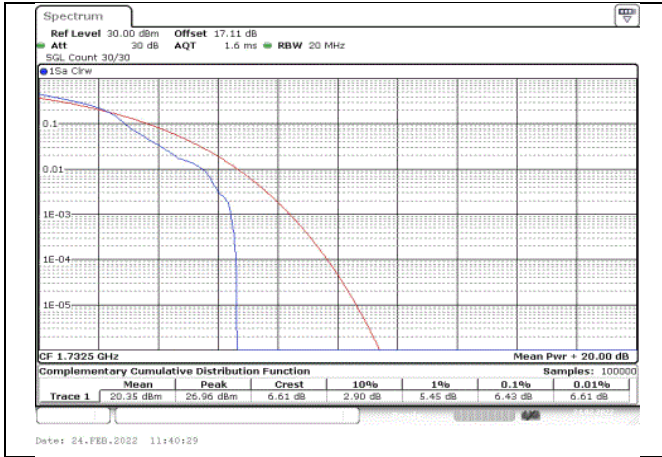


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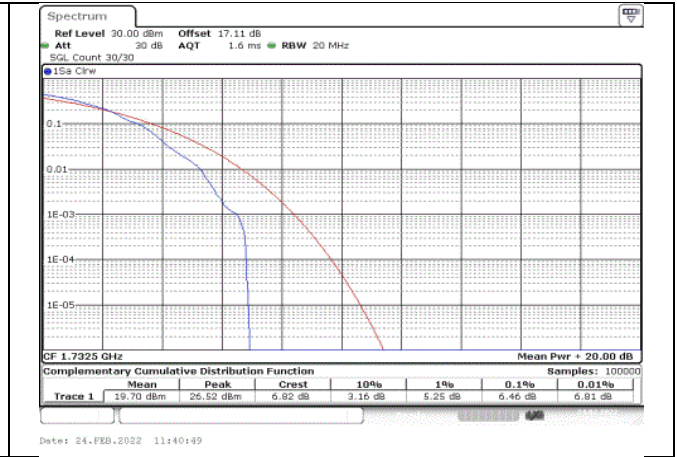


Fig.80

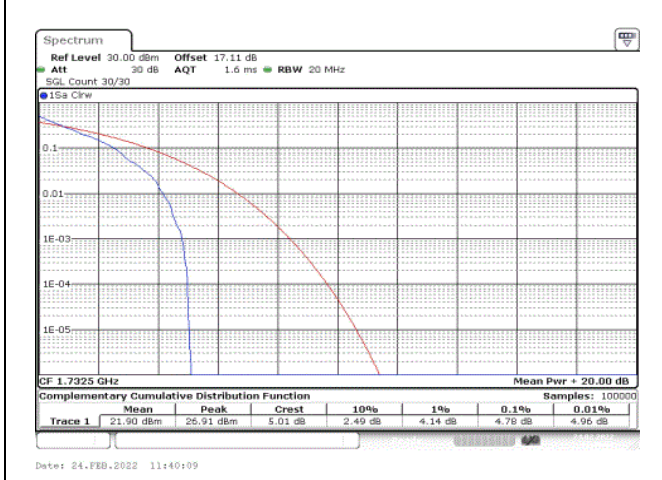


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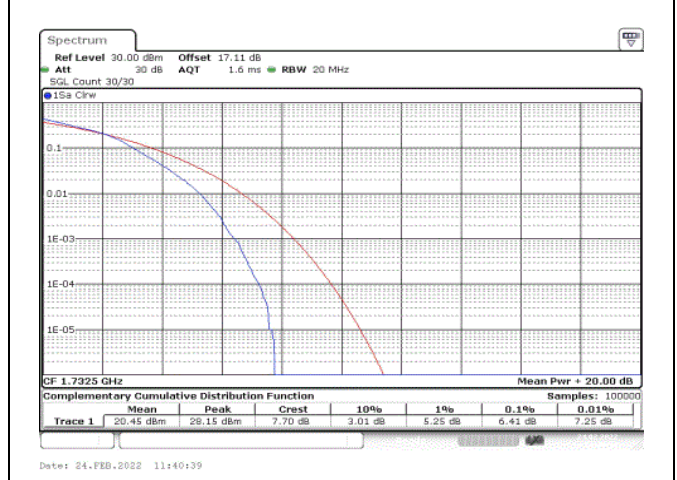


Fig.82

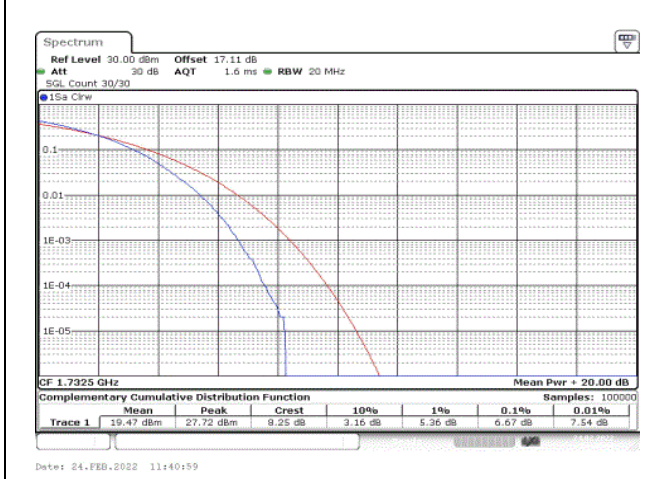


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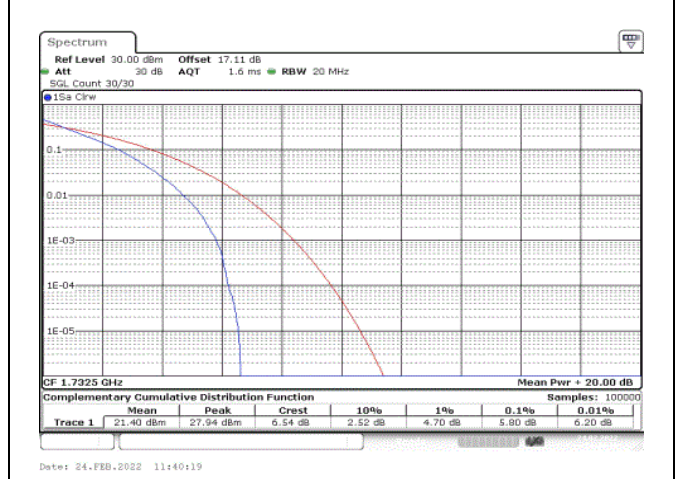


Fig.84

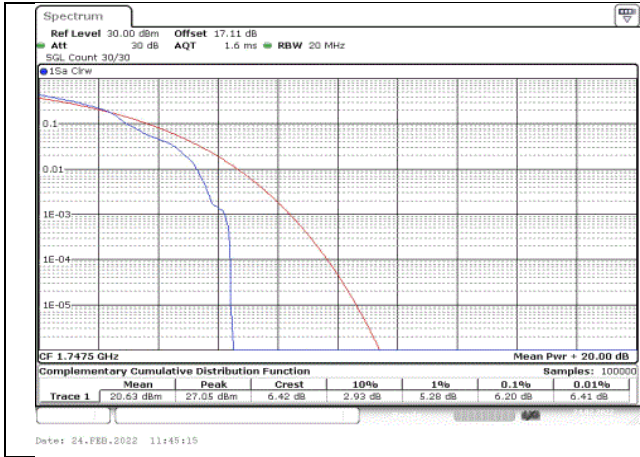


Fig.85

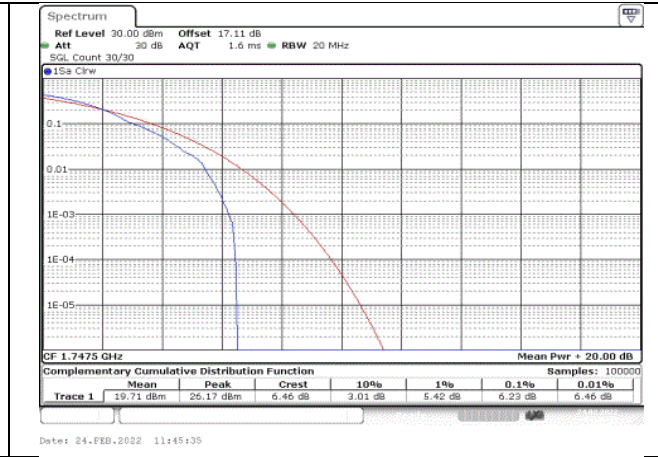


Fig.86

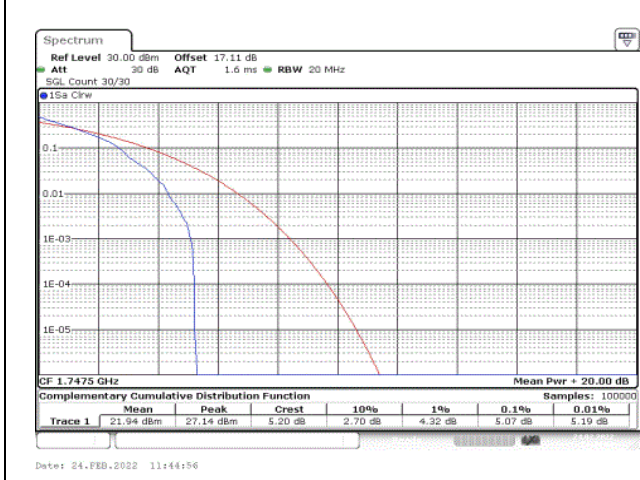


Fig.87

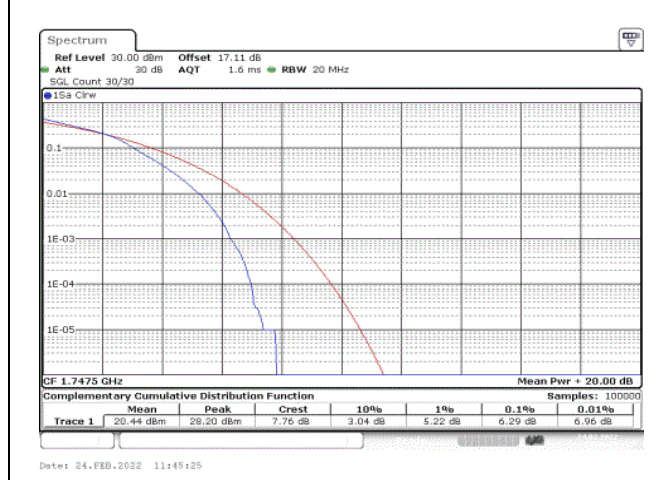


Fig.88

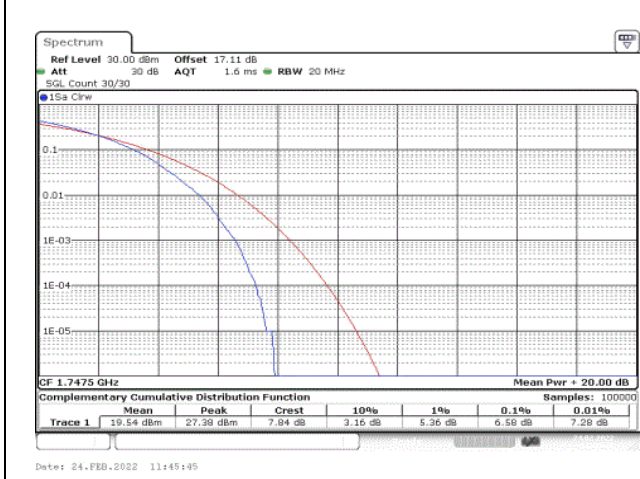


Fig.89

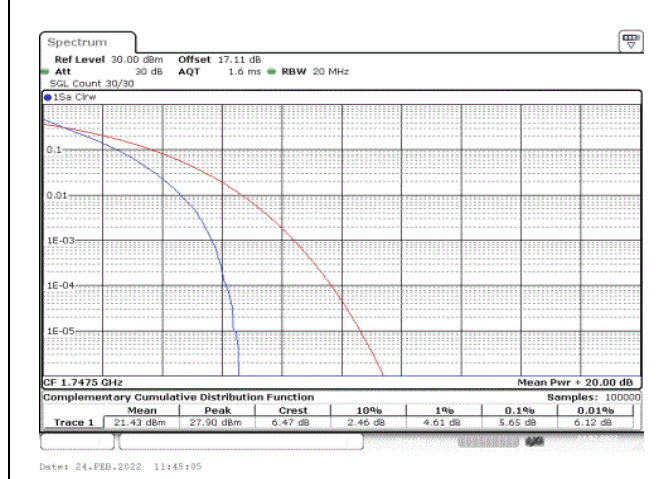


Fig.90

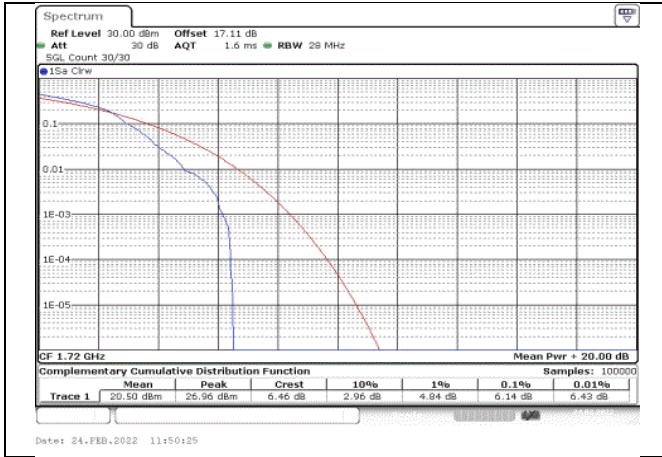


Fig.91

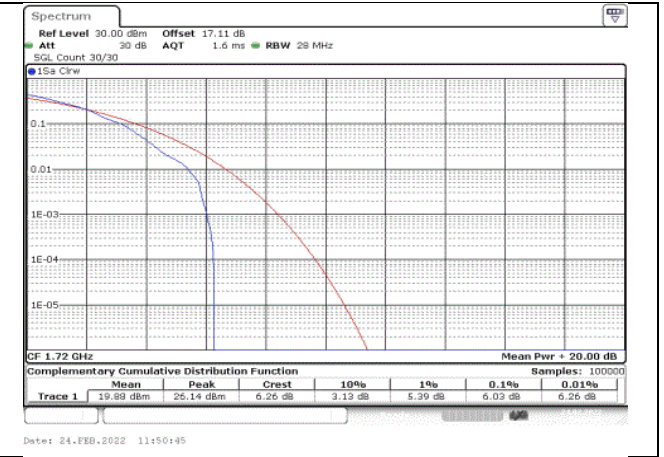


Fig.92

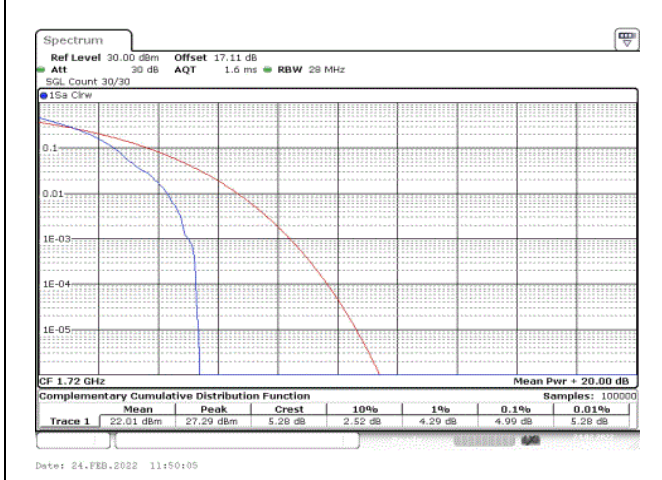


Fig.93



Fig.94

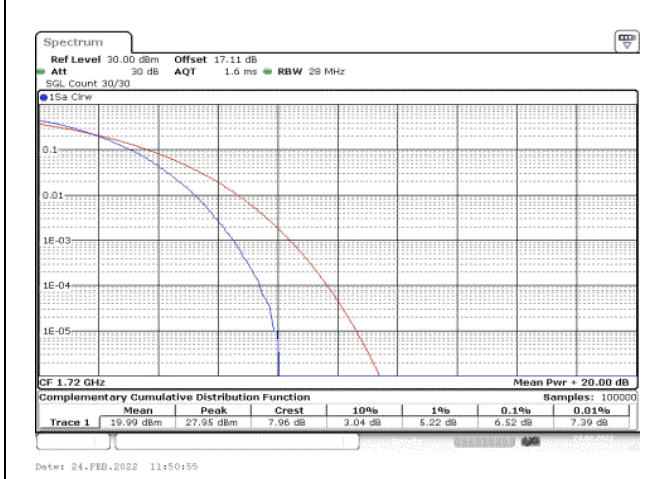


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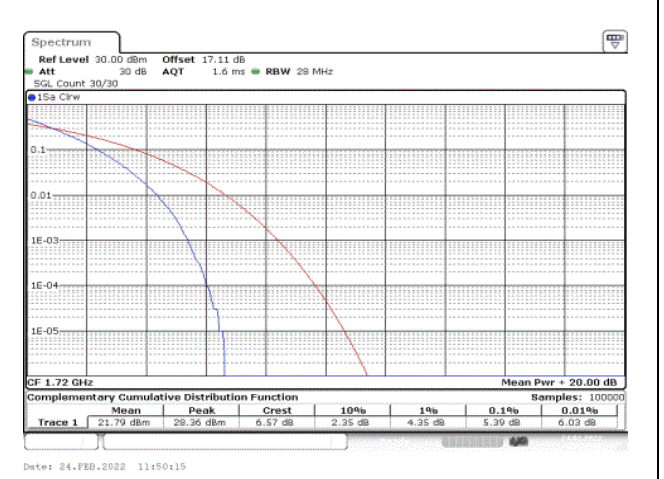


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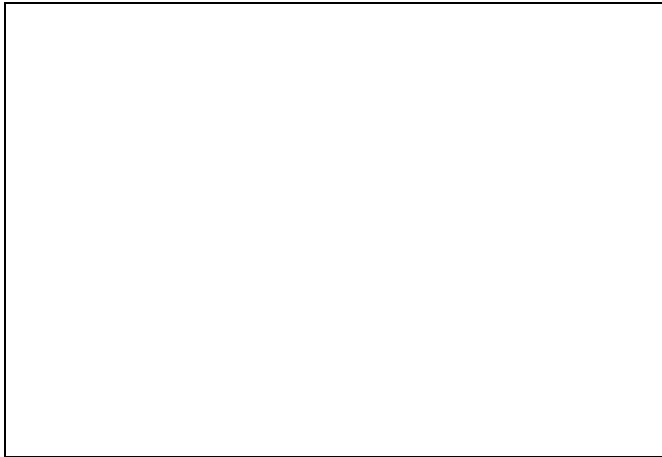


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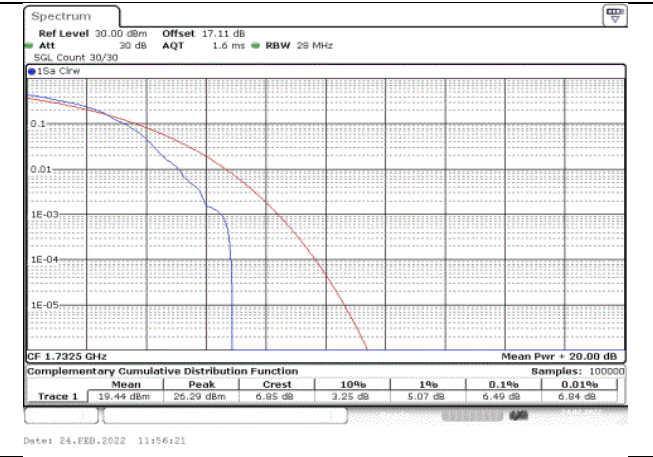


Fig.98

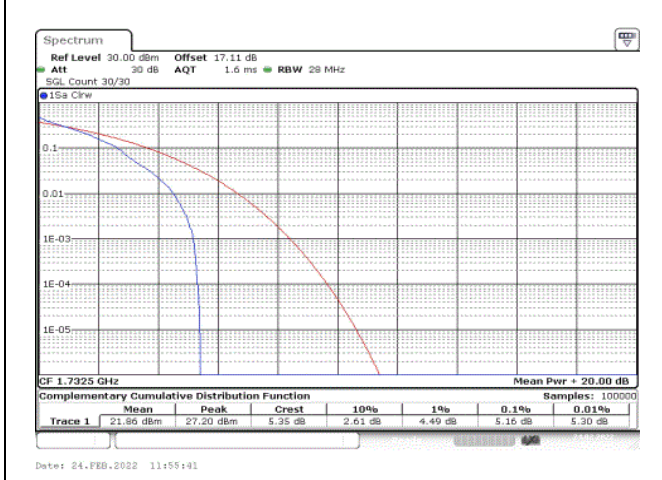


Fig.99

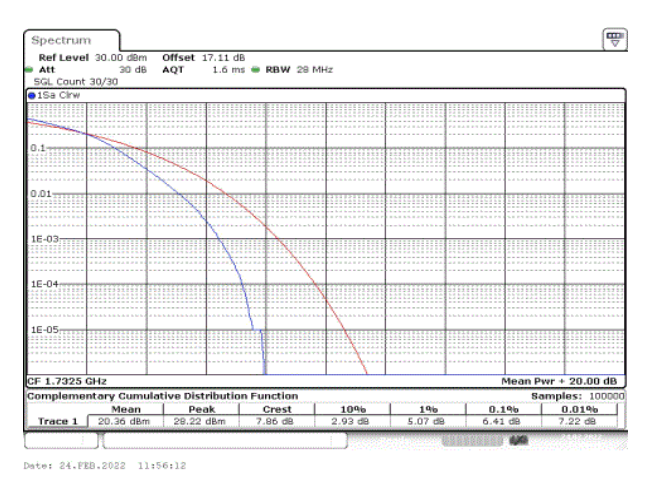


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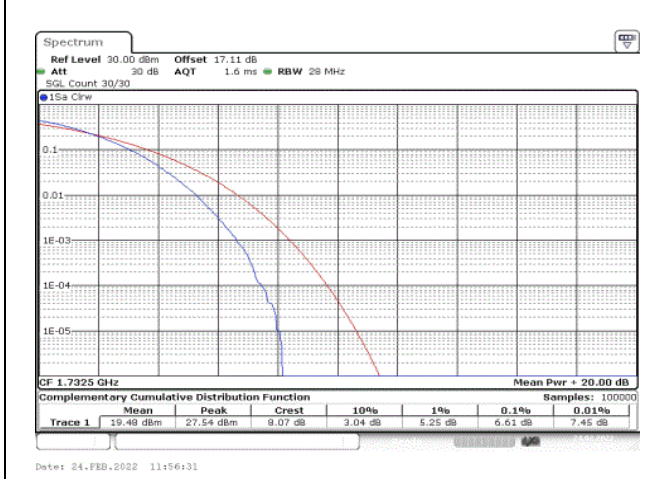


Fig.101

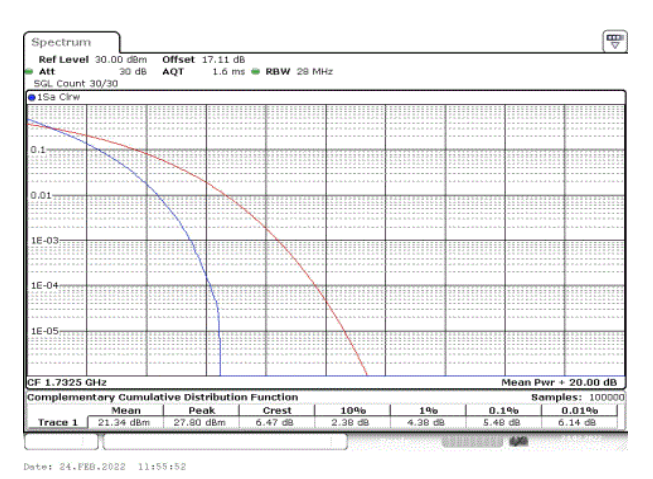


Fig.102

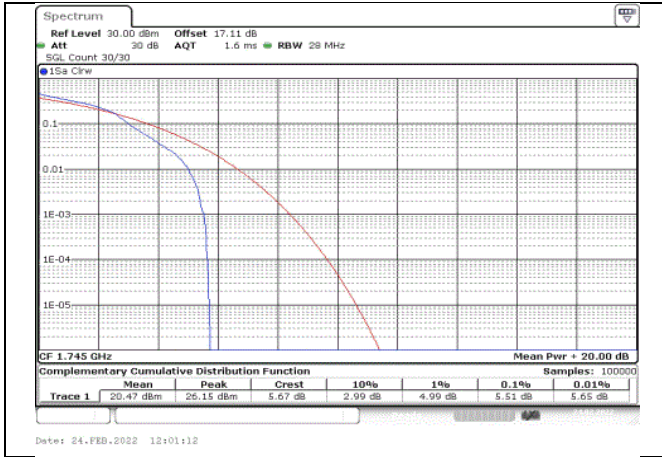


Fig.103

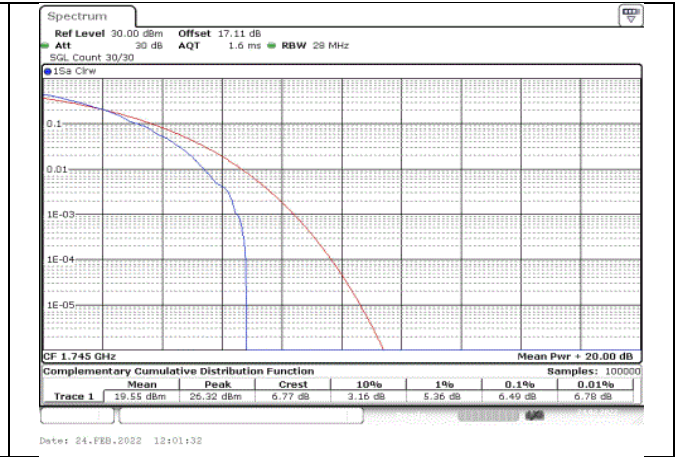


Fig.104

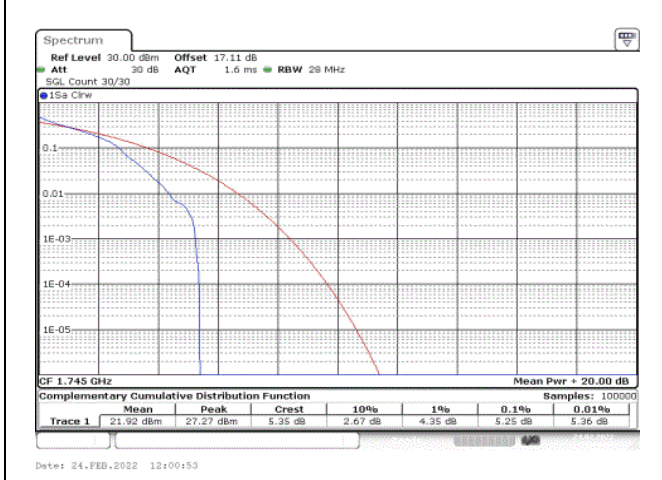


Fig.105

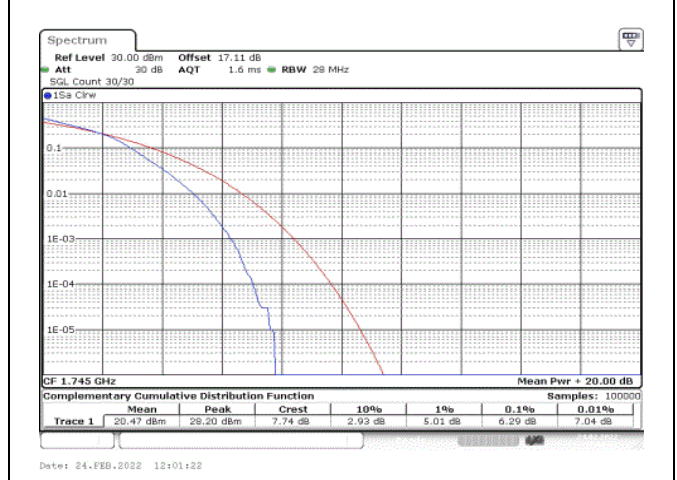


Fig.106

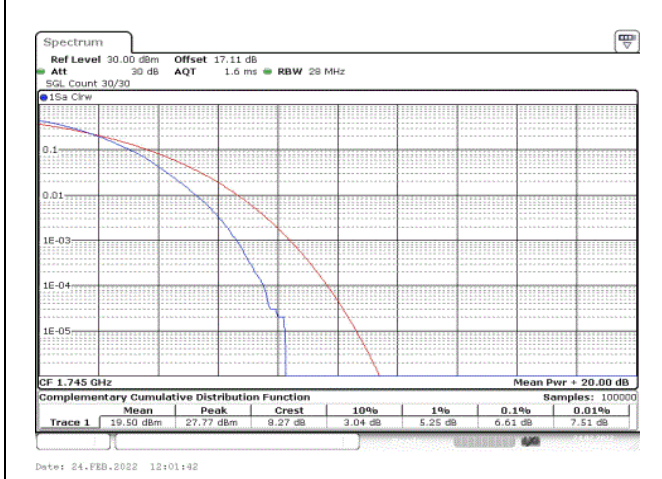


Fig.107

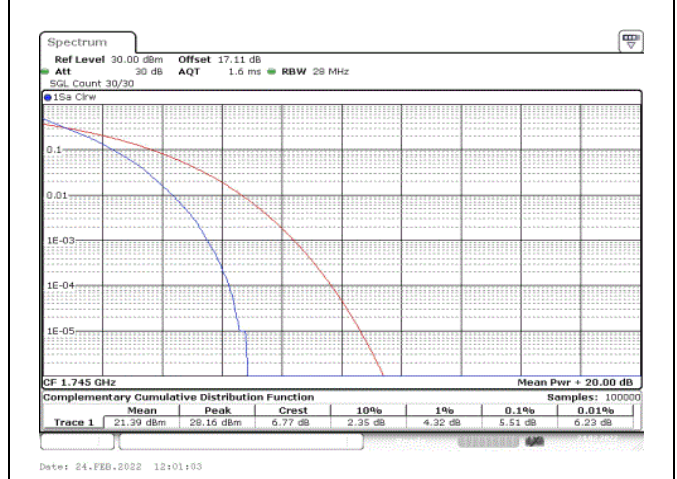


Fig.108

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
4	1720	20050	20	1	0	Fig.1
4	1732.5	20175	20	1	0	Fig.2
4	1745	20300	20	1	0	Fig.3

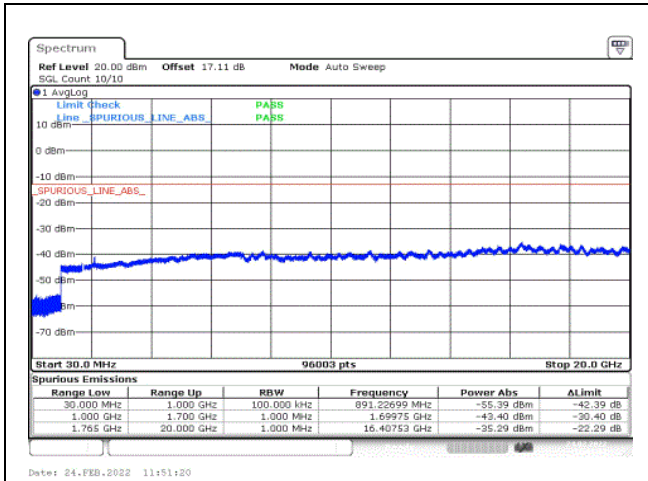


Fig.1

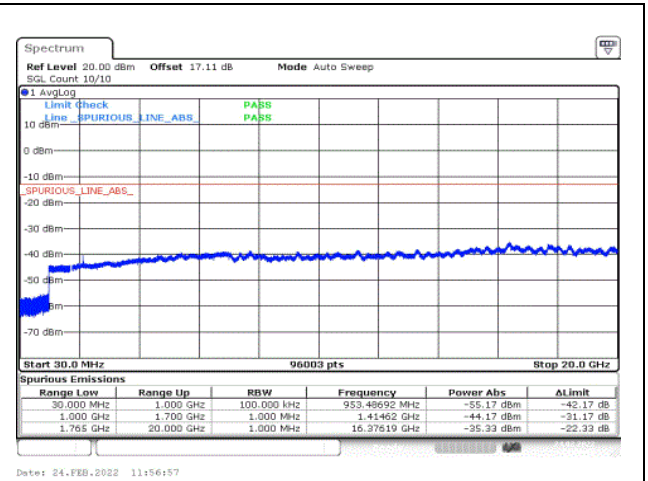


Fig.2

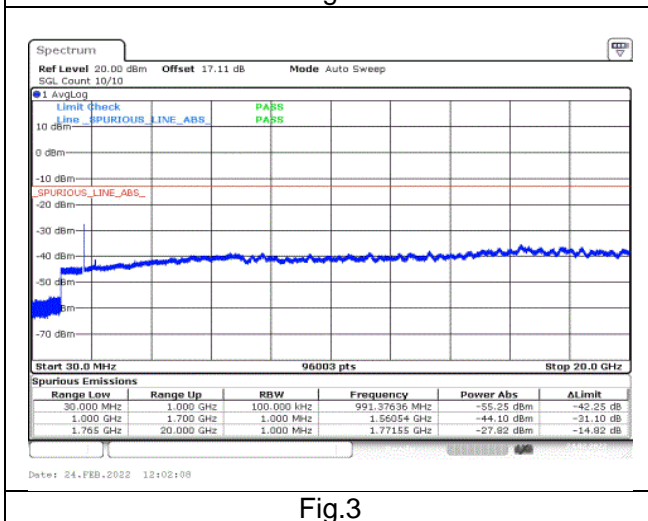


Fig.3

6 Band Edges Compliance

Band	Mode	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
4	QPSK	1710.7	19957	1.4	1	0	Fig.1
4	QPSK	1710.7	19957	1.4	6	0	Fig.2
4	QPSK	1754.3	20393	1.4	1	5	Fig.3
4	QPSK	1754.3	20393	1.4	6	0	Fig.4
4	QPSK	1711.5	19965	3	1	0	Fig.5
4	QPSK	1711.5	19965	3	15	0	Fig.6
4	QPSK	1753.5	20385	3	1	14	Fig.7
4	QPSK	1753.5	20385	3	15	0	Fig.8
4	QPSK	1712.5	19975	5	1	0	Fig.9
4	QPSK	1712.5	19975	5	25	0	Fig.10
4	QPSK	1752.5	20375	5	1	24	Fig.11
4	QPSK	1752.5	20375	5	25	0	Fig.12
4	QPSK	1715	20000	10	1	0	Fig.13
4	QPSK	1715	20000	10	50	0	Fig.14
4	QPSK	1750	20350	10	1	49	Fig.15
4	QPSK	1750	20350	10	50	0	Fig.16
4	QPSK	1717.5	20025	15	1	0	Fig.17
4	QPSK	1717.5	20025	15	75	0	Fig.18
4	QPSK	1747.5	20325	15	1	74	Fig.19
4	QPSK	1747.5	20325	15	75	0	Fig.20
4	QPSK	1720	20050	20	1	0	Fig.21
4	QPSK	1720	20050	20	100	0	Fig.22
4	QPSK	1745	20300	20	1	99	Fig.23
4	QPSK	1745	20300	20	100	0	Fig.24

Test Mode: QPSK

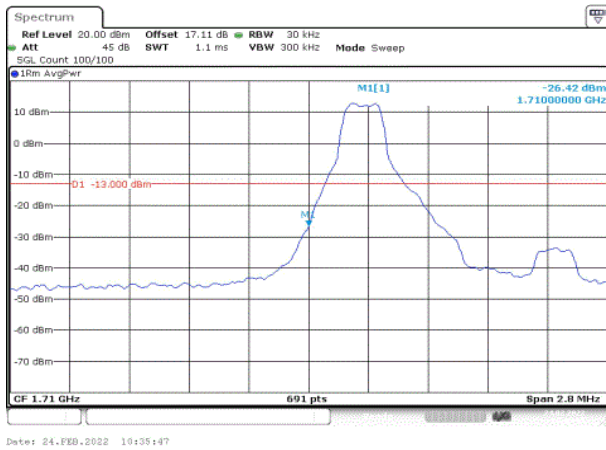


Fig.1

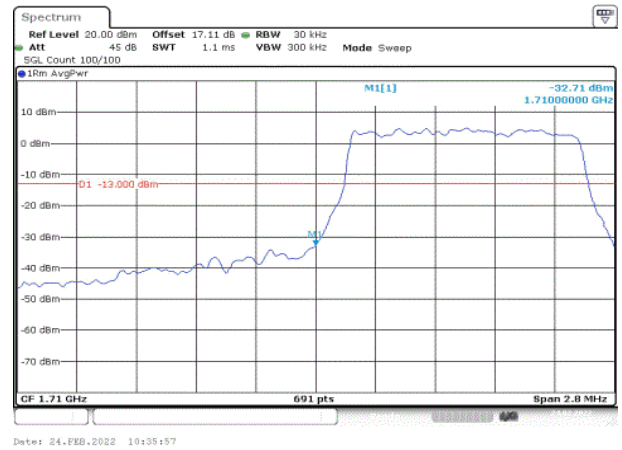


Fig.2

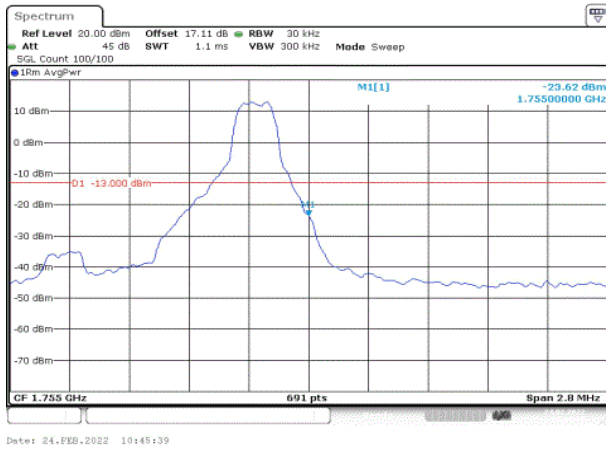


Fig.3

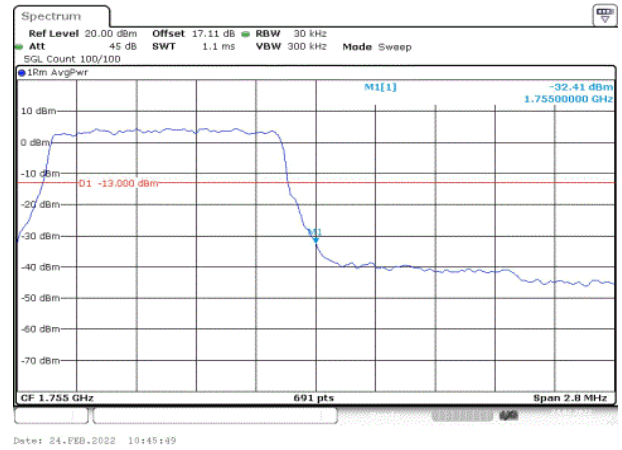


Fig.4

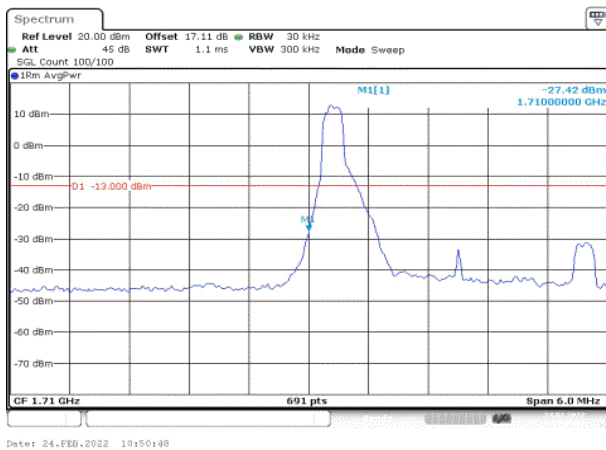


Fig.5

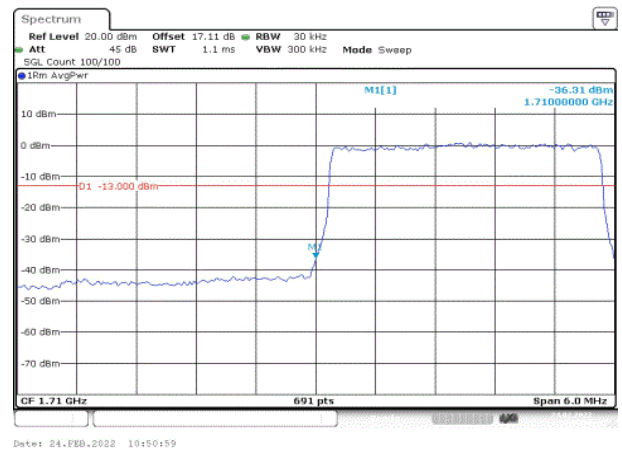
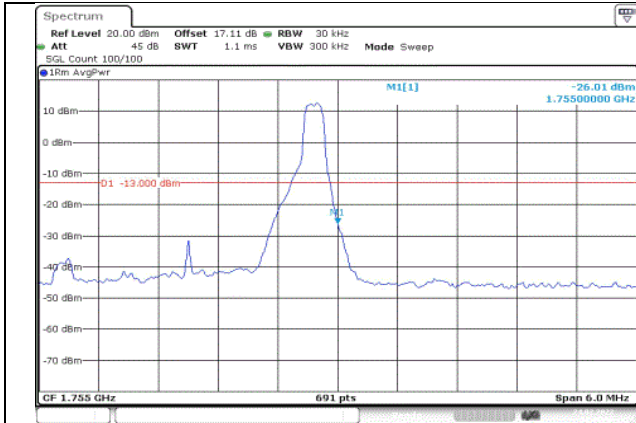
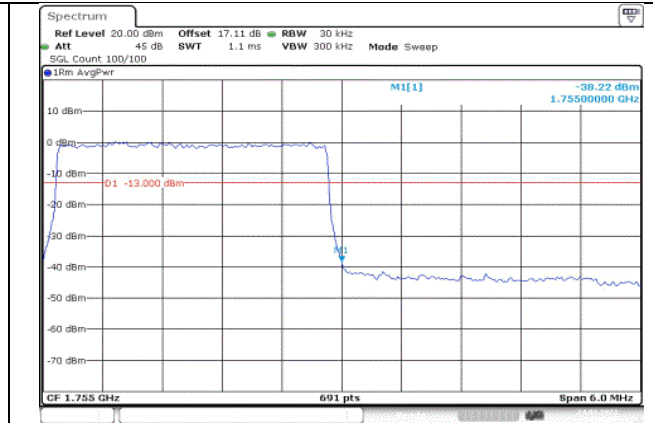


Fig.6



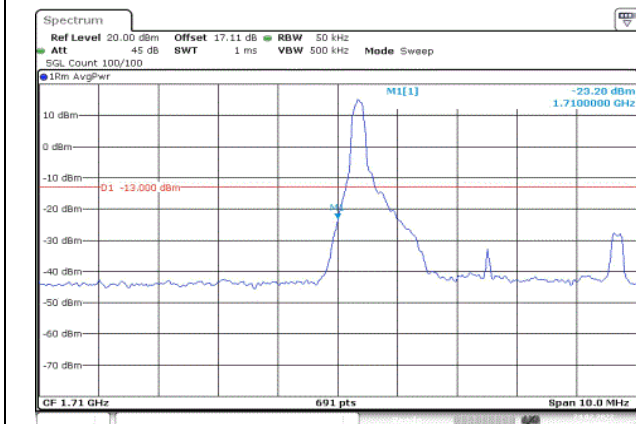
Date: 24.FEB.2022 11:00:42

Fig.7



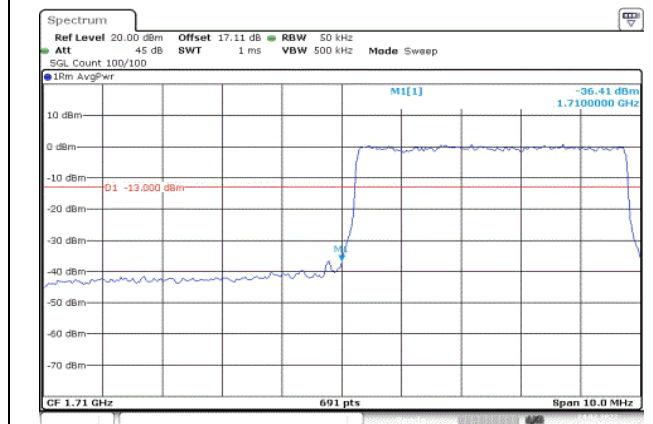
Date: 24.FEB.2022 11:00:52

Fig.8



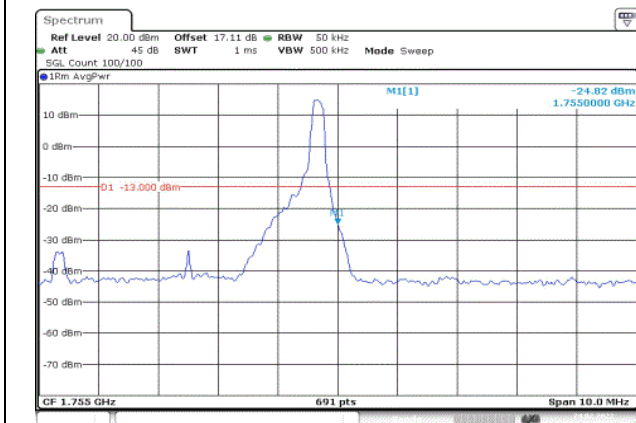
Date: 24.FEB.2022 11:05:51

Fig.9



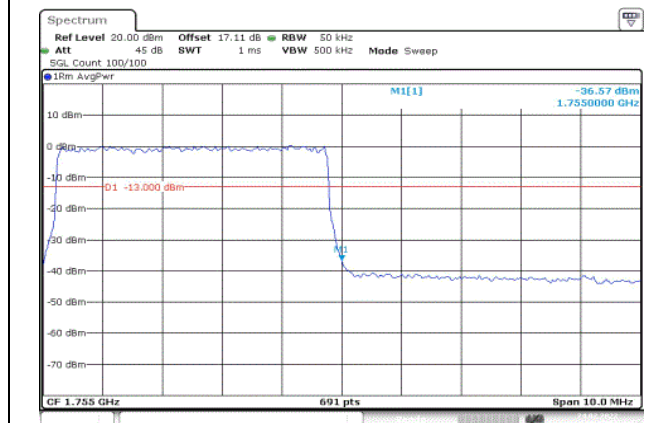
Date: 24.FEB.2022 11:06:02

Fig.10



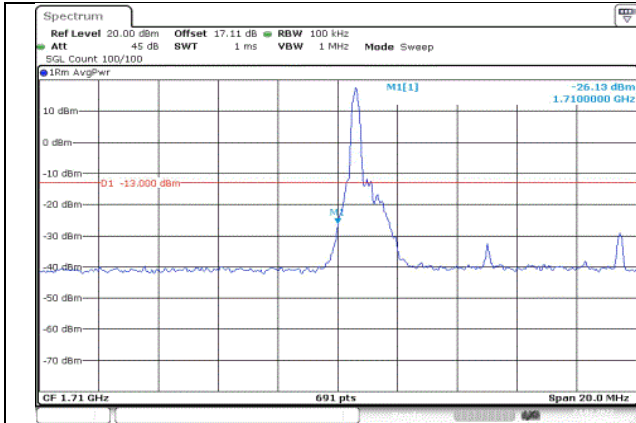
Date: 24.FEB.2022 11:15:46

Fig.11



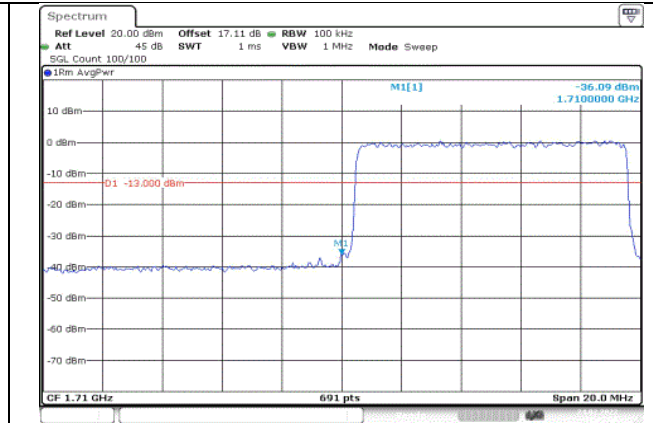
Date: 24.FEB.2022 11:15:56

Fig.12



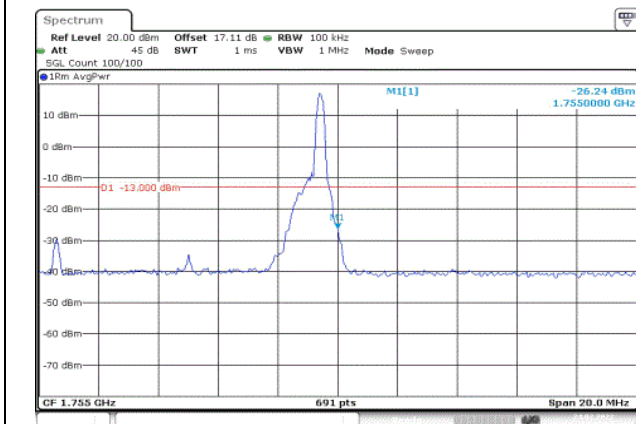
Date: 24.FEB.2022 11:20:56

Fig.13



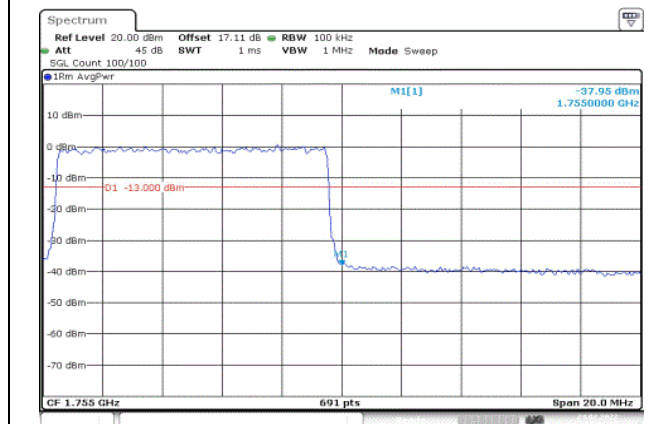
Date: 24.FEB.2022 11:21:07

Fig.14



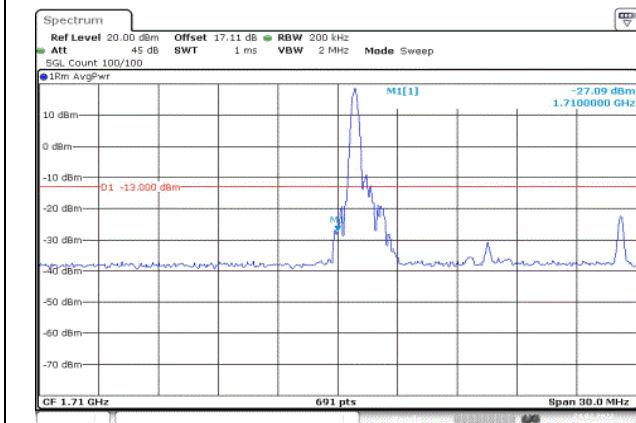
Date: 24.FEB.2022 11:30:52

Fig.15



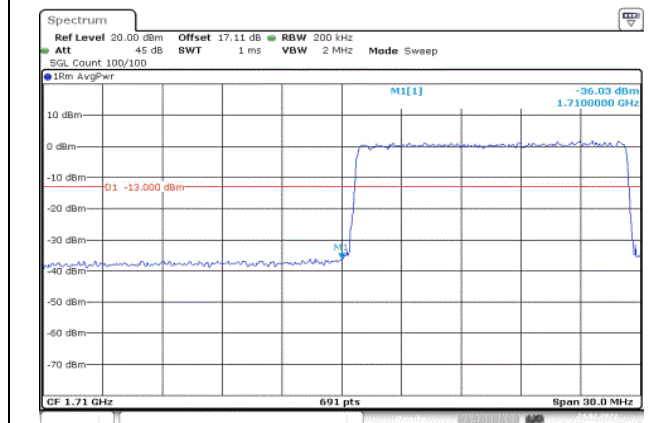
Date: 24.FEB.2022 11:31:02

Fig.16



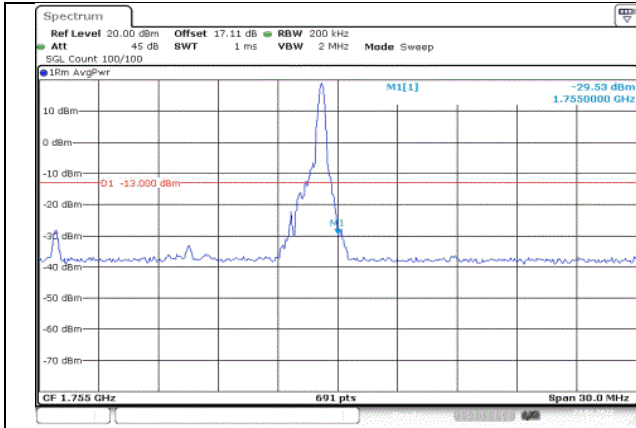
Date: 24.FEB.2022 11:36:03

Fig.17



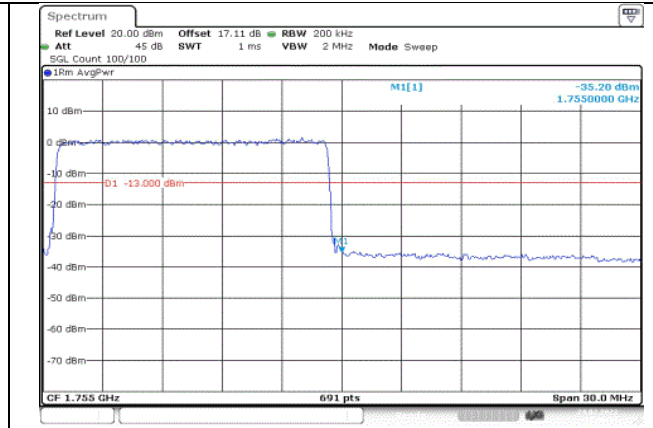
Date: 24.FEB.2022 11:36:13

Fig.18



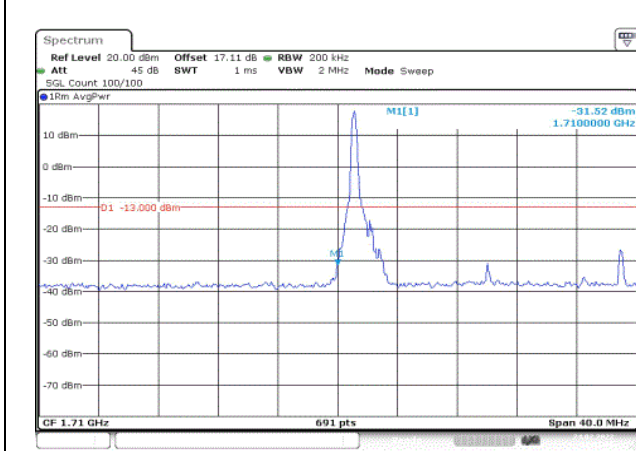
Date: 24.FEB.2022 11:46:00

Fig.19



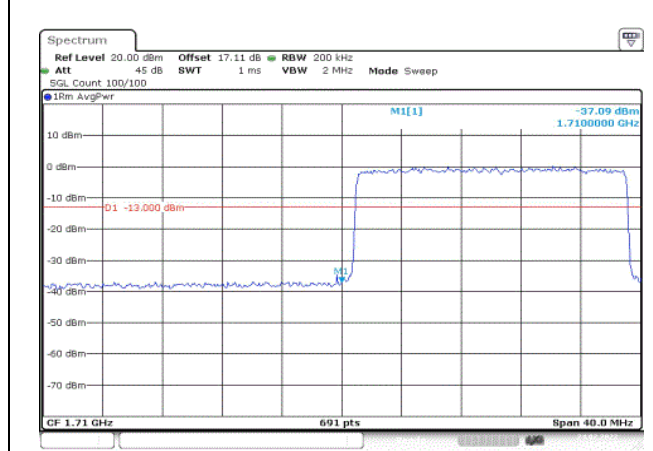
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Fig.20



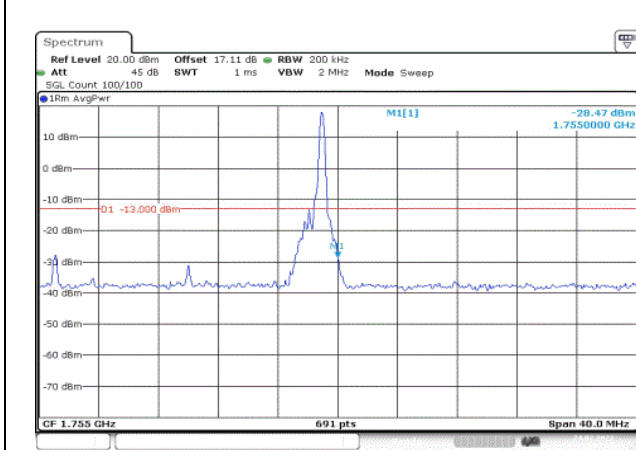
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Fig.21



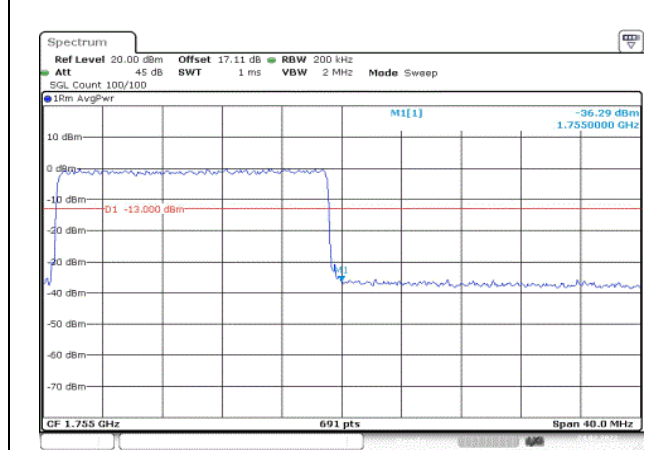
Date: 24.FEB.2022 11:51:47

Fig.22



Date: 24.FEB.2022 12:02:23

Fig.23



Date: 24.FEB.2022 12:02:34

Fig.24

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 4 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-30	NV	0.094	0.018	0.006	-0.001	-0.003	0.001
-20	NV	0.018	0.005	-0.002	-0.003	-0.003	-0.002
-10	NV	0.005	-0.005	0.003	-0.003	-0.005	-0.005
0	NV	0.007	0.003	-0.005	-0.005	-0.002	-0.008
+10	NV	-0.004	-0.004	0.000	-0.002	-0.005	-0.004
+30	NV	-0.009	-0.010	-0.005	-0.004	-0.006	-0.005
+40	NV	-0.006	-0.008	-0.004	0.004	-0.007	-0.003
+50	NV	0.008	-0.009	-0.068	-0.003	-0.005	-0.005
+20	LV	-0.005	-0.004	-0.004	-0.005	-0.007	-0.005
+20	HV	-0.007	-0.003	-0.003	-0.005	-0.004	-0.003

Temperature(°C)	Voltage	Test Result (ppm) Band 4 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-30	NV	0.022	0.008	0.005	-0.002	-0.004	0.004
-20	NV	0.006	0.004	0.003	-0.004	0.000	-0.002
-10	NV	0.002	0.000	0.002	-0.004	-0.003	-0.005
0	NV	-0.004	0.001	-0.011	-0.008	0.003	-0.005
+10	NV	-0.005	-0.003	-0.006	-0.005	-0.004	-0.006
+30	NV	-0.005	-0.006	-0.006	-0.003	-0.003	-0.007
+40	NV	-0.007	-0.007	-0.009	-0.008	-0.009	0.000
+50	NV	-0.004	-0.008	0.018	-0.004	-0.009	-0.003
+20	LV	-0.003	-0.006	-0.009	-0.007	-0.009	-0.006
+20	HV	-0.005	-0.006	-0.004	-0.006	-0.002	-0.005

8 Effective Radiated Power and Effective Isotropic Radiated Power

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1710.7	19957	1.4	1	0	23.10	21.20	0.132
16QAM	1710.7	19957	1.4	1	3	23.32	21.42	0.139
16QAM	1710.7	19957	1.4	1	5	23.08	21.18	0.131
16QAM	1710.7	19957	1.4	3	0	22.74	20.84	0.121
16QAM	1710.7	19957	1.4	3	1	22.85	20.95	0.124
16QAM	1710.7	19957	1.4	3	3	22.80	20.90	0.123
16QAM	1710.7	19957	1.4	6	0	22.05	20.15	0.104
16QAM	1732.5	20175	1.4	1	0	22.63	20.73	0.118
16QAM	1732.5	20175	1.4	1	3	23.02	21.12	0.129
16QAM	1732.5	20175	1.4	1	5	22.74	20.84	0.121
16QAM	1732.5	20175	1.4	3	0	22.80	20.90	0.123
16QAM	1732.5	20175	1.4	3	1	22.98	21.08	0.128
16QAM	1732.5	20175	1.4	3	3	22.78	20.88	0.122
16QAM	1732.5	20175	1.4	6	0	21.95	20.05	0.101
16QAM	1754.3	20393	1.4	1	0	22.70	20.80	0.120
16QAM	1754.3	20393	1.4	1	3	23.37	21.47	0.140
16QAM	1754.3	20393	1.4	1	5	22.78	20.88	0.122
16QAM	1754.3	20393	1.4	3	0	22.77	20.87	0.122
16QAM	1754.3	20393	1.4	3	1	23.02	21.12	0.129
16QAM	1754.3	20393	1.4	3	3	22.46	20.56	0.114
16QAM	1754.3	20393	1.4	6	0	21.91	20.01	0.100
64QAM	1710.7	19957	1.4	1	0	22.08	20.18	0.104
64QAM	1710.7	19957	1.4	1	3	22.26	20.36	0.109
64QAM	1710.7	19957	1.4	1	5	22.04	20.14	0.103
64QAM	1710.7	19957	1.4	3	0	21.86	19.96	0.099
64QAM	1710.7	19957	1.4	3	1	21.91	20.01	0.100
64QAM	1710.7	19957	1.4	3	3	21.83	19.93	0.098
64QAM	1710.7	19957	1.4	6	0	21.03	19.13	0.082
64QAM	1732.5	20175	1.4	1	0	22.11	20.21	0.105
64QAM	1732.5	20175	1.4	1	3	22.33	20.43	0.110
64QAM	1732.5	20175	1.4	1	5	22.12	20.22	0.105
64QAM	1732.5	20175	1.4	3	0	22.18	20.28	0.107
64QAM	1732.5	20175	1.4	3	1	22.27	20.37	0.109
64QAM	1732.5	20175	1.4	3	3	22.24	20.34	0.108
64QAM	1732.5	20175	1.4	6	0	20.80	18.90	0.078
64QAM	1754.3	20393	1.4	1	0	21.81	19.91	0.098
64QAM	1754.3	20393	1.4	1	3	22.19	20.29	0.107
64QAM	1754.3	20393	1.4	1	5	22.04	20.14	0.103
64QAM	1754.3	20393	1.4	3	0	21.77	19.87	0.097
64QAM	1754.3	20393	1.4	3	1	22.11	20.21	0.105
64QAM	1754.3	20393	1.4	3	3	22.07	20.17	0.104
64QAM	1754.3	20393	1.4	6	0	21.17	19.27	0.085

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1710.7	19957	1.4	1	0	23.89	21.99	0.158
QPSK	1710.7	19957	1.4	1	3	24.20	22.30	0.170
QPSK	1710.7	19957	1.4	1	5	23.93	22.03	0.160
QPSK	1710.7	19957	1.4	3	0	23.98	22.08	0.161
QPSK	1710.7	19957	1.4	3	1	23.93	22.03	0.160
QPSK	1710.7	19957	1.4	3	3	24.00	22.10	0.162
QPSK	1710.7	19957	1.4	6	0	22.95	21.05	0.127
QPSK	1732.5	20175	1.4	1	0	23.70	21.80	0.151
QPSK	1732.5	20175	1.4	1	3	23.83	21.93	0.156
QPSK	1732.5	20175	1.4	1	5	23.72	21.82	0.152
QPSK	1732.5	20175	1.4	3	0	23.90	22.00	0.158
QPSK	1732.5	20175	1.4	3	1	23.84	21.94	0.156
QPSK	1732.5	20175	1.4	3	3	23.76	21.86	0.153
QPSK	1732.5	20175	1.4	6	0	22.76	20.86	0.122
QPSK	1754.3	20393	1.4	1	0	23.81	21.91	0.155
QPSK	1754.3	20393	1.4	1	3	24.12	22.22	0.167
QPSK	1754.3	20393	1.4	1	5	23.85	21.95	0.157
QPSK	1754.3	20393	1.4	3	0	23.98	22.08	0.161
QPSK	1754.3	20393	1.4	3	1	23.69	21.79	0.151
QPSK	1754.3	20393	1.4	3	3	23.55	21.65	0.146
QPSK	1754.3	20393	1.4	6	0	22.88	20.98	0.125

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1711.5	19965	3	1	0	22.98	21.08	0.128
16QAM	1711.5	19965	3	1	8	23.01	21.11	0.129
16QAM	1711.5	19965	3	1	14	23.01	21.11	0.129
16QAM	1711.5	19965	3	8	0	21.50	19.60	0.091
16QAM	1711.5	19965	3	8	4	22.02	20.12	0.103
16QAM	1711.5	19965	3	8	7	21.74	19.84	0.096
16QAM	1711.5	19965	3	15	0	21.83	19.93	0.098
16QAM	1732.5	20175	3	1	0	22.45	20.55	0.114
16QAM	1732.5	20175	3	1	8	22.49	20.59	0.115
16QAM	1732.5	20175	3	1	14	22.51	20.61	0.115
16QAM	1732.5	20175	3	8	0	21.39	19.49	0.089
16QAM	1732.5	20175	3	8	4	21.41	19.51	0.089
16QAM	1732.5	20175	3	8	7	21.68	19.78	0.095
16QAM	1732.5	20175	3	15	0	21.41	19.51	0.089
16QAM	1753.5	20385	3	1	0	22.65	20.75	0.119
16QAM	1753.5	20385	3	1	8	22.64	20.74	0.119
16QAM	1753.5	20385	3	1	14	22.65	20.75	0.119
16QAM	1753.5	20385	3	8	0	21.45	19.55	0.090
16QAM	1753.5	20385	3	8	4	21.45	19.55	0.090
16QAM	1753.5	20385	3	8	7	21.36	19.46	0.088
16QAM	1753.5	20385	3	15	0	21.38	19.48	0.089
64QAM	1711.5	19965	3	1	0	22.24	20.34	0.108
64QAM	1711.5	19965	3	1	8	22.26	20.36	0.109
64QAM	1711.5	19965	3	1	14	22.04	20.14	0.103
64QAM	1711.5	19965	3	8	0	20.97	19.07	0.081
64QAM	1711.5	19965	3	8	4	21.09	19.19	0.083
64QAM	1711.5	19965	3	8	7	21.05	19.15	0.082
64QAM	1711.5	19965	3	15	0	20.98	19.08	0.081
64QAM	1732.5	20175	3	1	0	21.55	19.65	0.092
64QAM	1732.5	20175	3	1	8	21.78	19.88	0.097
64QAM	1732.5	20175	3	1	14	21.96	20.06	0.101
64QAM	1732.5	20175	3	8	0	20.82	18.92	0.078
64QAM	1732.5	20175	3	8	4	20.90	19.00	0.079
64QAM	1732.5	20175	3	8	7	20.81	18.91	0.078
64QAM	1732.5	20175	3	15	0	20.82	18.92	0.078
64QAM	1753.5	20385	3	1	0	21.63	19.73	0.094
64QAM	1753.5	20385	3	1	8	21.59	19.69	0.093
64QAM	1753.5	20385	3	1	14	21.55	19.65	0.092
64QAM	1753.5	20385	3	8	0	20.74	18.84	0.077
64QAM	1753.5	20385	3	8	4	20.85	18.95	0.079
64QAM	1753.5	20385	3	8	7	20.92	19.02	0.080
64QAM	1753.5	20385	3	15	0	20.98	19.08	0.081

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1711.5	19965	3	1	0	23.93	22.03	0.160
QPSK	1711.5	19965	3	1	8	23.63	21.73	0.149
QPSK	1711.5	19965	3	1	14	23.40	21.50	0.141
QPSK	1711.5	19965	3	8	0	22.94	21.04	0.127
QPSK	1711.5	19965	3	8	4	22.66	20.76	0.119
QPSK	1711.5	19965	3	8	7	22.76	20.86	0.122
QPSK	1711.5	19965	3	15	0	22.98	21.08	0.128
QPSK	1732.5	20175	3	1	0	23.22	21.32	0.136
QPSK	1732.5	20175	3	1	8	23.32	21.42	0.139
QPSK	1732.5	20175	3	1	14	23.22	21.32	0.136
QPSK	1732.5	20175	3	8	0	22.61	20.71	0.118
QPSK	1732.5	20175	3	8	4	22.33	20.43	0.110
QPSK	1732.5	20175	3	8	7	22.59	20.69	0.117
QPSK	1732.5	20175	3	15	0	22.55	20.65	0.116
QPSK	1753.5	20385	3	1	0	23.54	21.64	0.146
QPSK	1753.5	20385	3	1	8	23.38	21.48	0.141
QPSK	1753.5	20385	3	1	14	23.41	21.51	0.142
QPSK	1753.5	20385	3	8	0	22.38	20.48	0.112
QPSK	1753.5	20385	3	8	4	22.42	20.52	0.113
QPSK	1753.5	20385	3	8	7	22.35	20.45	0.111
QPSK	1753.5	20385	3	15	0	22.38	20.48	0.112

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1712.5	19975	5	1	0	22.47	20.57	0.114
16QAM	1712.5	19975	5	1	12	22.75	20.85	0.122
16QAM	1712.5	19975	5	1	24	22.47	20.57	0.114
16QAM	1712.5	19975	5	12	0	21.33	19.43	0.088
16QAM	1712.5	19975	5	12	7	21.79	19.89	0.097
16QAM	1712.5	19975	5	12	13	21.56	19.66	0.092
16QAM	1712.5	19975	5	25	0	21.40	19.50	0.089
16QAM	1732.5	20175	5	1	0	22.47	20.57	0.114
16QAM	1732.5	20175	5	1	12	22.76	20.86	0.122
16QAM	1732.5	20175	5	1	24	22.48	20.58	0.114
16QAM	1732.5	20175	5	12	0	21.12	19.22	0.084
16QAM	1732.5	20175	5	12	7	21.16	19.26	0.084
16QAM	1732.5	20175	5	12	13	21.08	19.18	0.083
16QAM	1732.5	20175	5	25	0	21.25	19.35	0.086
16QAM	1752.5	20375	5	1	0	22.56	20.66	0.116
16QAM	1752.5	20375	5	1	12	22.80	20.90	0.123
16QAM	1752.5	20375	5	1	24	22.62	20.72	0.118
16QAM	1752.5	20375	5	12	0	21.21	19.31	0.085
16QAM	1752.5	20375	5	12	7	21.41	19.51	0.089
16QAM	1752.5	20375	5	12	13	21.32	19.42	0.087
16QAM	1752.5	20375	5	25	0	21.38	19.48	0.089
64QAM	1712.5	19975	5	1	0	21.42	19.52	0.090
64QAM	1712.5	19975	5	1	12	21.62	19.72	0.094
64QAM	1712.5	19975	5	1	24	21.61	19.71	0.094
64QAM	1712.5	19975	5	12	0	20.59	18.69	0.074
64QAM	1712.5	19975	5	12	7	21.08	19.18	0.083
64QAM	1712.5	19975	5	12	13	21.08	19.18	0.083
64QAM	1712.5	19975	5	25	0	20.94	19.04	0.080
64QAM	1732.5	20175	5	1	0	21.41	19.51	0.089
64QAM	1732.5	20175	5	1	12	21.66	19.76	0.095
64QAM	1732.5	20175	5	1	24	21.44	19.54	0.090
64QAM	1732.5	20175	5	12	0	20.71	18.81	0.076
64QAM	1732.5	20175	5	12	7	20.80	18.90	0.078
64QAM	1732.5	20175	5	12	13	20.65	18.75	0.075
64QAM	1732.5	20175	5	25	0	20.71	18.81	0.076
64QAM	1752.5	20375	5	1	0	21.38	19.48	0.089
64QAM	1752.5	20375	5	1	12	21.76	19.86	0.097
64QAM	1752.5	20375	5	1	24	21.44	19.54	0.090
64QAM	1752.5	20375	5	12	0	20.76	18.86	0.077
64QAM	1752.5	20375	5	12	7	20.49	18.59	0.072
64QAM	1752.5	20375	5	12	13	20.45	18.55	0.072
64QAM	1752.5	20375	5	25	0	20.81	18.91	0.078

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1712.5	19975	5	1	0	23.24	21.34	0.136
QPSK	1712.5	19975	5	1	12	23.59	21.69	0.148
QPSK	1712.5	19975	5	1	24	23.27	21.37	0.137
QPSK	1712.5	19975	5	12	0	22.41	20.51	0.112
QPSK	1712.5	19975	5	12	7	22.44	20.54	0.113
QPSK	1712.5	19975	5	12	13	22.42	20.52	0.113
QPSK	1712.5	19975	5	25	0	22.43	20.53	0.113
QPSK	1732.5	20175	5	1	0	23.20	21.30	0.135
QPSK	1732.5	20175	5	1	12	23.48	21.58	0.144
QPSK	1732.5	20175	5	1	24	23.11	21.21	0.132
QPSK	1732.5	20175	5	12	0	22.22	20.32	0.108
QPSK	1732.5	20175	5	12	7	22.32	20.42	0.110
QPSK	1732.5	20175	5	12	13	22.15	20.25	0.106
QPSK	1732.5	20175	5	25	0	22.22	20.32	0.108
QPSK	1752.5	20375	5	1	0	23.32	21.42	0.139
QPSK	1752.5	20375	5	1	12	23.55	21.65	0.146
QPSK	1752.5	20375	5	1	24	23.32	21.42	0.139
QPSK	1752.5	20375	5	12	0	22.40	20.50	0.112
QPSK	1752.5	20375	5	12	7	22.44	20.54	0.113
QPSK	1752.5	20375	5	12	13	22.38	20.48	0.112
QPSK	1752.5	20375	5	25	0	22.39	20.49	0.112

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1715	20000	10	1	0	22.99	21.09	0.129
16QAM	1715	20000	10	1	25	23.13	21.23	0.133
16QAM	1715	20000	10	1	49	22.83	20.93	0.124
16QAM	1715	20000	10	25	0	21.37	19.47	0.089
16QAM	1715	20000	10	25	12	21.42	19.52	0.090
16QAM	1715	20000	10	25	25	21.88	19.98	0.100
16QAM	1715	20000	10	50	0	21.39	19.49	0.089
16QAM	1732.5	20175	10	1	0	22.47	20.57	0.114
16QAM	1732.5	20175	10	1	25	22.51	20.61	0.115
16QAM	1732.5	20175	10	1	49	22.54	20.64	0.116
16QAM	1732.5	20175	10	25	0	21.38	19.48	0.089
16QAM	1732.5	20175	10	25	12	21.34	19.44	0.088
16QAM	1732.5	20175	10	25	25	21.28	19.38	0.087
16QAM	1732.5	20175	10	50	0	21.26	19.36	0.086
16QAM	1750	20350	10	1	0	22.52	20.62	0.115
16QAM	1750	20350	10	1	25	22.72	20.82	0.121
16QAM	1750	20350	10	1	49	22.61	20.71	0.118
16QAM	1750	20350	10	25	0	21.38	19.48	0.089
16QAM	1750	20350	10	25	12	21.41	19.51	0.089
16QAM	1750	20350	10	25	25	21.45	19.55	0.090
16QAM	1750	20350	10	50	0	21.44	19.54	0.090
64QAM	1715	20000	10	1	0	21.73	19.83	0.096
64QAM	1715	20000	10	1	25	22.20	20.30	0.107
64QAM	1715	20000	10	1	49	21.74	19.84	0.096
64QAM	1715	20000	10	25	0	20.95	19.05	0.080
64QAM	1715	20000	10	25	12	21.07	19.17	0.083
64QAM	1715	20000	10	25	25	21.04	19.14	0.082
64QAM	1715	20000	10	50	0	20.98	19.08	0.081
64QAM	1732.5	20175	10	1	0	21.41	19.51	0.089
64QAM	1732.5	20175	10	1	25	21.48	19.58	0.091
64QAM	1732.5	20175	10	1	49	21.38	19.48	0.089
64QAM	1732.5	20175	10	25	0	20.94	19.04	0.080
64QAM	1732.5	20175	10	25	12	20.55	18.65	0.073
64QAM	1732.5	20175	10	25	25	20.79	18.89	0.077
64QAM	1732.5	20175	10	50	0	20.91	19.01	0.080
64QAM	1750	20350	10	1	0	21.46	19.56	0.090
64QAM	1750	20350	10	1	25	21.70	19.80	0.095
64QAM	1750	20350	10	1	49	21.57	19.67	0.093
64QAM	1750	20350	10	25	0	20.47	18.57	0.072
64QAM	1750	20350	10	25	12	20.54	18.64	0.073
64QAM	1750	20350	10	25	25	20.59	18.69	0.074
64QAM	1750	20350	10	50	0	20.42	18.52	0.071

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1715	20000	10	1	0	23.39	21.49	0.141
QPSK	1715	20000	10	1	25	23.52	21.62	0.145
QPSK	1715	20000	10	1	49	23.34	21.44	0.139
QPSK	1715	20000	10	25	0	22.34	20.44	0.111
QPSK	1715	20000	10	25	12	22.42	20.52	0.113
QPSK	1715	20000	10	25	25	22.42	20.52	0.113
QPSK	1715	20000	10	50	0	22.41	20.51	0.112
QPSK	1732.5	20175	10	1	0	23.28	21.38	0.137
QPSK	1732.5	20175	10	1	25	23.27	21.37	0.137
QPSK	1732.5	20175	10	1	49	23.31	21.41	0.138
QPSK	1732.5	20175	10	25	0	22.27	20.37	0.109
QPSK	1732.5	20175	10	25	12	22.29	20.39	0.109
QPSK	1732.5	20175	10	25	25	22.16	20.26	0.106
QPSK	1732.5	20175	10	50	0	22.24	20.34	0.108
QPSK	1750	20350	10	1	0	23.25	21.35	0.136
QPSK	1750	20350	10	1	25	23.57	21.67	0.147
QPSK	1750	20350	10	1	49	23.39	21.49	0.141
QPSK	1750	20350	10	25	0	22.32	20.42	0.110
QPSK	1750	20350	10	25	12	22.42	20.52	0.113
QPSK	1750	20350	10	25	25	22.47	20.57	0.114
QPSK	1750	20350	10	50	0	22.38	20.48	0.112

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1717.5	20025	15	1	0	22.90	21.00	0.126
16QAM	1717.5	20025	15	1	37	23.11	21.21	0.132
16QAM	1717.5	20025	15	1	74	22.77	20.87	0.122
16QAM	1717.5	20025	15	36	0	21.47	19.57	0.091
16QAM	1717.5	20025	15	36	29	21.96	20.06	0.101
16QAM	1717.5	20025	15	36	30	21.90	20.00	0.100
16QAM	1717.5	20025	15	75	0	21.69	19.79	0.095
16QAM	1732.5	20175	15	1	0	22.39	20.49	0.112
16QAM	1732.5	20175	15	1	37	22.42	20.52	0.113
16QAM	1732.5	20175	15	1	74	22.35	20.45	0.111
16QAM	1732.5	20175	15	36	0	21.29	19.39	0.087
16QAM	1732.5	20175	15	36	29	21.27	19.37	0.086
16QAM	1732.5	20175	15	36	30	21.21	19.31	0.085
16QAM	1732.5	20175	15	75	0	21.36	19.46	0.088
16QAM	1747.5	20325	15	1	0	22.49	20.59	0.115
16QAM	1747.5	20325	15	1	37	22.85	20.95	0.124
16QAM	1747.5	20325	15	1	74	22.69	20.79	0.120
16QAM	1747.5	20325	15	36	0	21.31	19.41	0.087
16QAM	1747.5	20325	15	36	29	21.40	19.50	0.089
16QAM	1747.5	20325	15	36	30	21.37	19.47	0.089
16QAM	1747.5	20325	15	75	0	21.38	19.48	0.089
64QAM	1717.5	20025	15	1	0	21.67	19.77	0.095
64QAM	1717.5	20025	15	1	37	22.03	20.13	0.103
64QAM	1717.5	20025	15	1	74	21.84	19.94	0.099
64QAM	1717.5	20025	15	36	0	20.92	19.02	0.080
64QAM	1717.5	20025	15	36	29	20.91	19.01	0.080
64QAM	1717.5	20025	15	36	30	20.87	18.97	0.079
64QAM	1717.5	20025	15	75	0	20.82	18.92	0.078
64QAM	1732.5	20175	15	1	0	21.28	19.38	0.087
64QAM	1732.5	20175	15	1	37	21.59	19.69	0.093
64QAM	1732.5	20175	15	1	74	21.26	19.36	0.086
64QAM	1732.5	20175	15	36	0	20.91	19.01	0.080
64QAM	1732.5	20175	15	36	29	20.84	18.94	0.078
64QAM	1732.5	20175	15	36	30	20.83	18.93	0.078
64QAM	1732.5	20175	15	75	0	20.84	18.94	0.078
64QAM	1747.5	20325	15	1	0	21.71	19.81	0.096
64QAM	1747.5	20325	15	1	37	22.04	20.14	0.103
64QAM	1747.5	20325	15	1	74	21.79	19.89	0.097
64QAM	1747.5	20325	15	36	0	20.27	18.37	0.069
64QAM	1747.5	20325	15	36	29	20.37	18.47	0.070
64QAM	1747.5	20325	15	36	30	20.62	18.72	0.074
64QAM	1747.5	20325	15	75	0	20.45	18.55	0.072

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1717.5	20025	15	1	0	23.28	21.38	0.137
QPSK	1717.5	20025	15	1	37	23.48	21.58	0.144
QPSK	1717.5	20025	15	1	74	23.11	21.21	0.132
QPSK	1717.5	20025	15	36	0	22.41	20.51	0.112
QPSK	1717.5	20025	15	36	29	22.33	20.43	0.110
QPSK	1717.5	20025	15	36	30	22.39	20.49	0.112
QPSK	1717.5	20025	15	75	0	22.39	20.49	0.112
QPSK	1732.5	20175	15	1	0	23.16	21.26	0.134
QPSK	1732.5	20175	15	1	37	23.26	21.36	0.137
QPSK	1732.5	20175	15	1	74	23.19	21.29	0.135
QPSK	1732.5	20175	15	36	0	22.32	20.42	0.110
QPSK	1732.5	20175	15	36	29	22.25	20.35	0.108
QPSK	1732.5	20175	15	36	30	22.29	20.39	0.109
QPSK	1732.5	20175	15	75	0	22.21	20.31	0.107
QPSK	1747.5	20325	15	1	0	23.12	21.22	0.132
QPSK	1747.5	20325	15	1	37	23.42	21.52	0.142
QPSK	1747.5	20325	15	1	74	23.23	21.33	0.136
QPSK	1747.5	20325	15	36	0	22.33	20.43	0.110
QPSK	1747.5	20325	15	36	29	22.42	20.52	0.113
QPSK	1747.5	20325	15	36	30	22.43	20.53	0.113
QPSK	1747.5	20325	15	75	0	22.40	20.50	0.112

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1720	20050	20	1	0	22.50	20.60	0.115
16QAM	1720	20050	20	1	49	22.71	20.81	0.121
16QAM	1720	20050	20	1	99	22.39	20.49	0.112
16QAM	1720	20050	20	50	0	21.23	19.33	0.086
16QAM	1720	20050	20	50	24	21.32	19.42	0.087
16QAM	1720	20050	20	50	50	21.34	19.44	0.088
16QAM	1720	20050	20	100	0	21.64	19.74	0.094
16QAM	1732.5	20175	20	1	0	22.27	20.37	0.109
16QAM	1732.5	20175	20	1	49	22.71	20.81	0.121
16QAM	1732.5	20175	20	1	99	22.33	20.43	0.110
16QAM	1732.5	20175	20	50	0	21.29	19.39	0.087
16QAM	1732.5	20175	20	50	24	21.22	19.32	0.086
16QAM	1732.5	20175	20	50	50	21.18	19.28	0.085
16QAM	1732.5	20175	20	100	0	21.21	19.31	0.085
16QAM	1745	20300	20	1	0	22.23	20.33	0.108
16QAM	1745	20300	20	1	49	22.64	20.74	0.119
16QAM	1745	20300	20	1	99	22.51	20.61	0.115
16QAM	1745	20300	20	50	0	21.26	19.36	0.086
16QAM	1745	20300	20	50	24	21.33	19.43	0.088
16QAM	1745	20300	20	50	50	21.29	19.39	0.087
16QAM	1745	20300	20	100	0	21.28	19.38	0.087
64QAM	1720	20050	20	1	0	21.36	19.46	0.088
64QAM	1720	20050	20	1	49	21.66	19.76	0.095
64QAM	1720	20050	20	1	99	21.22	19.32	0.086
64QAM	1720	20050	20	50	0	20.87	18.97	0.079
64QAM	1720	20050	20	50	24	20.88	18.98	0.079
64QAM	1720	20050	20	50	50	20.82	18.92	0.078
64QAM	1720	20050	20	100	0	20.87	18.97	0.079
64QAM	1732.5	20175	20	1	0	21.67	19.77	0.095
64QAM	1732.5	20175	20	1	49	21.95	20.05	0.101
64QAM	1732.5	20175	20	1	99	21.61	19.71	0.094
64QAM	1732.5	20175	20	50	0	20.46	18.56	0.072
64QAM	1732.5	20175	20	50	24	20.66	18.76	0.075
64QAM	1732.5	20175	20	50	50	20.57	18.67	0.074
64QAM	1732.5	20175	20	100	0	20.45	18.55	0.072
64QAM	1745	20300	20	1	0	21.02	19.12	0.082
64QAM	1745	20300	20	1	49	21.65	19.75	0.094
64QAM	1745	20300	20	1	99	21.32	19.42	0.087
64QAM	1745	20300	20	50	0	20.39	18.49	0.071
64QAM	1745	20300	20	50	24	20.42	18.52	0.071
64QAM	1745	20300	20	50	50	20.41	18.51	0.071
64QAM	1745	20300	20	100	0	20.42	18.52	0.071

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1720	20050	20	1	0	23.13	21.23	0.133
QPSK	1720	20050	20	1	49	23.31	21.41	0.138
QPSK	1720	20050	20	1	99	22.97	21.07	0.128
QPSK	1720	20050	20	50	0	22.27	20.37	0.109
QPSK	1720	20050	20	50	24	22.34	20.44	0.111
QPSK	1720	20050	20	50	50	22.14	20.24	0.106
QPSK	1720	20050	20	100	0	22.24	20.34	0.108
QPSK	1732.5	20175	20	1	0	23.06	21.16	0.131
QPSK	1732.5	20175	20	1	49	23.26	21.36	0.137
QPSK	1732.5	20175	20	1	99	23.07	21.17	0.131
QPSK	1732.5	20175	20	50	0	22.27	20.37	0.109
QPSK	1732.5	20175	20	50	24	22.24	20.34	0.108
QPSK	1732.5	20175	20	50	50	22.12	20.22	0.105
QPSK	1732.5	20175	20	100	0	22.19	20.29	0.107
QPSK	1745	20300	20	1	0	22.89	20.99	0.126
QPSK	1745	20300	20	1	49	23.37	21.47	0.140
QPSK	1745	20300	20	1	99	23.15	21.25	0.133
QPSK	1745	20300	20	50	0	22.22	20.32	0.108
QPSK	1745	20300	20	50	24	22.35	20.45	0.111
QPSK	1745	20300	20	50	50	22.41	20.51	0.112
QPSK	1745	20300	20	100	0	22.27	20.37	0.109