

## APPENDIX A – TEST DATA OF CONDUCTED EMISSION

### LTE Band 28

#### 1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	704.5	27225	3	1	0	23.04
16QAM	704.5	27225	3	1	8	23.08
16QAM	704.5	27225	3	1	14	23.06
16QAM	704.5	27225	3	8	0	22.34
16QAM	704.5	27225	3	8	4	22.21
16QAM	704.5	27225	3	8	7	21.83
16QAM	704.5	27225	3	15	0	22.29
16QAM	719.5	27375	3	1	0	23.45
16QAM	719.5	27375	3	1	8	23.51
16QAM	719.5	27375	3	1	14	23.45
16QAM	719.5	27375	3	8	0	21.75
16QAM	719.5	27375	3	8	4	22.22
16QAM	719.5	27375	3	8	7	22.27
16QAM	719.5	27375	3	15	0	22.29
16QAM	746.5	27645	3	1	0	23.09
16QAM	746.5	27645	3	1	8	23.13
16QAM	746.5	27645	3	1	14	23.09
16QAM	746.5	27645	3	8	0	22.19
16QAM	746.5	27645	3	8	4	21.95
16QAM	746.5	27645	3	8	7	22.04
16QAM	746.5	27645	3	15	0	21.99
64QAM	704.5	27225	3	1	0	22.43
64QAM	704.5	27225	3	1	8	22.37
64QAM	704.5	27225	3	1	14	21.88
64QAM	704.5	27225	3	8	0	21.03
64QAM	704.5	27225	3	8	4	20.98
64QAM	704.5	27225	3	8	7	20.99
64QAM	704.5	27225	3	15	0	21.32
64QAM	719.5	27375	3	1	0	22.14
64QAM	719.5	27375	3	1	8	22.71
64QAM	719.5	27375	3	1	14	22.66
64QAM	719.5	27375	3	8	0	20.56
64QAM	719.5	27375	3	8	4	21.06
64QAM	719.5	27375	3	8	7	21.09
64QAM	719.5	27375	3	15	0	21.12
64QAM	746.5	27645	3	1	0	21.97
64QAM	746.5	27645	3	1	8	21.88
64QAM	746.5	27645	3	1	14	21.87
64QAM	746.5	27645	3	8	0	20.97
64QAM	746.5	27645	3	8	4	20.85
64QAM	746.5	27645	3	8	7	20.79
64QAM	746.5	27645	3	15	0	21.03

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	704.5	27225	3	1	0	23.31
QPSK	704.5	27225	3	1	8	23.37
QPSK	704.5	27225	3	1	14	23.24
QPSK	704.5	27225	3	8	0	22.86
QPSK	704.5	27225	3	8	4	22.78
QPSK	704.5	27225	3	8	7	22.79
QPSK	704.5	27225	3	15	0	22.73
QPSK	719.5	27375	3	1	0	23.37
QPSK	719.5	27375	3	1	8	23.43
QPSK	719.5	27375	3	1	14	23.48
QPSK	719.5	27375	3	8	0	22.66
QPSK	719.5	27375	3	8	4	22.76
QPSK	719.5	27375	3	8	7	22.63
QPSK	719.5	27375	3	15	0	22.80
QPSK	746.5	27645	3	1	0	23.33
QPSK	746.5	27645	3	1	8	23.46
QPSK	746.5	27645	3	1	14	23.41
QPSK	746.5	27645	3	8	0	22.80
QPSK	746.5	27645	3	8	4	22.85
QPSK	746.5	27645	3	8	7	22.86
QPSK	746.5	27645	3	15	0	22.87

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	705.5	27235	5	1	0	22.27
16QAM	705.5	27235	5	1	12	22.22
16QAM	705.5	27235	5	1	24	22.11
16QAM	705.5	27235	5	12	0	22.01
16QAM	705.5	27235	5	12	7	21.71
16QAM	705.5	27235	5	12	13	21.64
16QAM	705.5	27235	5	25	0	21.83
16QAM	720.5	27385	5	1	0	22.59
16QAM	720.5	27385	5	1	12	22.72
16QAM	720.5	27385	5	1	24	22.84
16QAM	720.5	27385	5	12	0	22.02
16QAM	720.5	27385	5	12	7	21.98
16QAM	720.5	27385	5	12	13	21.92
16QAM	720.5	27385	5	25	0	22.09
16QAM	745.5	27635	5	1	0	23.08
16QAM	745.5	27635	5	1	12	23.14
16QAM	745.5	27635	5	1	24	23.04
16QAM	745.5	27635	5	12	0	21.92
16QAM	745.5	27635	5	12	7	21.81
16QAM	745.5	27635	5	12	13	21.69
16QAM	745.5	27635	5	25	0	21.99
64QAM	705.5	27235	5	1	0	21.90
64QAM	705.5	27235	5	1	12	21.39
64QAM	705.5	27235	5	1	24	21.46
64QAM	705.5	27235	5	12	0	21.17
64QAM	705.5	27235	5	12	7	21.25
64QAM	705.5	27235	5	12	13	21.28
64QAM	705.5	27235	5	25	0	21.22
64QAM	720.5	27385	5	1	0	21.76
64QAM	720.5	27385	5	1	12	22.19
64QAM	720.5	27385	5	1	24	22.18
64QAM	720.5	27385	5	12	0	21.01
64QAM	720.5	27385	5	12	7	21.01
64QAM	720.5	27385	5	12	13	21.13
64QAM	720.5	27385	5	25	0	21.40
64QAM	745.5	27635	5	1	0	21.83
64QAM	745.5	27635	5	1	12	22.15
64QAM	745.5	27635	5	1	24	21.93
64QAM	745.5	27635	5	12	0	20.81
64QAM	745.5	27635	5	12	7	20.91
64QAM	745.5	27635	5	12	13	20.69
64QAM	745.5	27635	5	25	0	20.87

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	705.5	27235	5	1	0	23.32
QPSK	705.5	27235	5	1	12	23.31
QPSK	705.5	27235	5	1	24	23.44
QPSK	705.5	27235	5	12	0	22.85
QPSK	705.5	27235	5	12	7	22.80
QPSK	705.5	27235	5	12	13	22.70
QPSK	705.5	27235	5	25	0	22.72
QPSK	720.5	27385	5	1	0	23.01
QPSK	720.5	27385	5	1	12	23.14
QPSK	720.5	27385	5	1	24	23.29
QPSK	720.5	27385	5	12	0	22.79
QPSK	720.5	27385	5	12	7	22.51
QPSK	720.5	27385	5	12	13	22.70
QPSK	720.5	27385	5	25	0	22.67
QPSK	745.5	27635	5	1	0	23.52
QPSK	745.5	27635	5	1	12	23.44
QPSK	745.5	27635	5	1	24	23.50
QPSK	745.5	27635	5	12	0	22.86
QPSK	745.5	27635	5	12	7	22.90
QPSK	745.5	27635	5	12	13	22.88
QPSK	745.5	27635	5	25	0	22.86

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	708	27260	10	1	0	22.83
16QAM	708	27260	10	1	25	22.73
16QAM	708	27260	10	1	49	22.69
16QAM	708	27260	10	25	0	21.65
16QAM	708	27260	10	25	12	21.68
16QAM	708	27260	10	25	25	21.64
16QAM	708	27260	10	50	0	21.75
16QAM	723	27410	10	1	0	22.92
16QAM	723	27410	10	1	25	23.16
16QAM	723	27410	10	1	49	23.15
16QAM	723	27410	10	25	0	22.17
16QAM	723	27410	10	25	12	22.24
16QAM	723	27410	10	25	25	21.63
16QAM	723	27410	10	50	0	22.20
16QAM	743	27610	10	1	0	22.77
16QAM	743	27610	10	1	25	22.62
16QAM	743	27610	10	1	49	22.79
16QAM	743	27610	10	25	0	21.66
16QAM	743	27610	10	25	12	21.79
16QAM	743	27610	10	25	25	21.99

16QAM	743	27610	10	50	0	21.86
64QAM	708	27260	10	1	0	22.85
64QAM	708	27260	10	1	25	22.34
64QAM	708	27260	10	1	49	22.78
64QAM	708	27260	10	25	0	21.25
64QAM	708	27260	10	25	12	20.60
64QAM	708	27260	10	25	25	21.23
64QAM	708	27260	10	50	0	20.66
64QAM	723	27410	10	1	0	21.23
64QAM	723	27410	10	1	25	21.98
64QAM	723	27410	10	1	49	21.60
64QAM	723	27410	10	25	0	21.05
64QAM	723	27410	10	25	12	21.24
64QAM	723	27410	10	25	25	21.35
64QAM	723	27410	10	50	0	21.28
64QAM	743	27610	10	1	0	23.23
64QAM	743	27610	10	1	25	23.12
64QAM	743	27610	10	1	49	23.26
64QAM	743	27610	10	25	0	20.51
64QAM	743	27610	10	25	12	20.96
64QAM	743	27610	10	25	25	20.97
64QAM	743	27610	10	50	0	20.85

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	708	27260	10	1	0	23.25
QPSK	708	27260	10	1	25	23.38
QPSK	708	27260	10	1	49	23.23
QPSK	708	27260	10	25	0	22.69
QPSK	708	27260	10	25	12	22.61
QPSK	708	27260	10	25	25	22.61
QPSK	708	27260	10	50	0	22.68
QPSK	723	27410	10	1	0	23.39
QPSK	723	27410	10	1	25	23.45
QPSK	723	27410	10	1	49	23.38
QPSK	723	27410	10	25	0	22.83
QPSK	723	27410	10	25	12	22.78
QPSK	723	27410	10	25	25	22.71
QPSK	723	27410	10	50	0	22.72
QPSK	743	27610	10	1	0	23.44
QPSK	743	27610	10	1	25	23.43
QPSK	743	27610	10	1	49	23.46
QPSK	743	27610	10	25	0	22.96
QPSK	743	27610	10	25	12	22.74
QPSK	743	27610	10	25	25	22.90
QPSK	743	27610	10	50	0	22.78

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	710.5	27285	15	1	0	23.61
16QAM	710.5	27285	15	1	37	23.36
16QAM	710.5	27285	15	1	74	23.53
16QAM	710.5	27285	15	36	0	21.82
16QAM	710.5	27285	15	36	29	22.17
16QAM	710.5	27285	15	36	30	22.14
16QAM	710.5	27285	15	75	0	21.66
16QAM	725.5	27435	15	1	0	23.37
16QAM	725.5	27435	15	1	37	23.32
16QAM	725.5	27435	15	1	74	23.38
16QAM	725.5	27435	15	36	0	21.90
16QAM	725.5	27435	15	36	29	22.23
16QAM	725.5	27435	15	36	30	22.23
16QAM	725.5	27435	15	75	0	22.11
16QAM	740.5	27585	15	1	0	23.54
16QAM	740.5	27585	15	1	37	23.42
16QAM	740.5	27585	15	1	74	23.38
16QAM	740.5	27585	15	36	0	21.92
16QAM	740.5	27585	15	36	29	21.80
16QAM	740.5	27585	15	36	30	21.91
16QAM	740.5	27585	15	75	0	21.61
64QAM	710.5	27285	15	1	0	22.76
64QAM	710.5	27285	15	1	37	22.20
64QAM	710.5	27285	15	1	74	22.37
64QAM	710.5	27285	15	36	0	20.76
64QAM	710.5	27285	15	36	29	21.05
64QAM	710.5	27285	15	36	30	21.35
64QAM	710.5	27285	15	75	0	21.24
64QAM	725.5	27435	15	1	0	21.48
64QAM	725.5	27435	15	1	37	21.34
64QAM	725.5	27435	15	1	74	21.42
64QAM	725.5	27435	15	36	0	21.28
64QAM	725.5	27435	15	36	29	21.27
64QAM	725.5	27435	15	36	30	21.20
64QAM	725.5	27435	15	75	0	21.05
64QAM	740.5	27585	15	1	0	23.22
64QAM	740.5	27585	15	1	37	22.78
64QAM	740.5	27585	15	1	74	23.07
64QAM	740.5	27585	15	36	0	21.22
64QAM	740.5	27585	15	36	29	20.77
64QAM	740.5	27585	15	36	30	20.76
64QAM	740.5	27585	15	75	0	20.64

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	710.5	27285	15	1	0	23.39
QPSK	710.5	27285	15	1	37	23.24
QPSK	710.5	27285	15	1	74	23.36
QPSK	710.5	27285	15	36	0	22.71
QPSK	710.5	27285	15	36	29	22.89
QPSK	710.5	27285	15	36	30	22.77
QPSK	710.5	27285	15	75	0	22.69
QPSK	725.5	27435	15	1	0	23.70
QPSK	725.5	27435	15	1	37	23.45
QPSK	725.5	27435	15	1	74	23.39
QPSK	725.5	27435	15	36	0	22.88
QPSK	725.5	27435	15	36	29	23.03
QPSK	725.5	27435	15	36	30	23.02
QPSK	725.5	27435	15	75	0	22.91
QPSK	740.5	27585	15	1	0	23.18
QPSK	740.5	27585	15	1	37	23.13
QPSK	740.5	27585	15	1	74	23.13
QPSK	740.5	27585	15	36	0	22.85
QPSK	740.5	27585	15	36	29	22.73
QPSK	740.5	27585	15	36	30	22.71
QPSK	740.5	27585	15	75	0	22.82

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	713	27310	20	1	0	22.71
16QAM	713	27310	20	1	49	22.50
16QAM	713	27310	20	1	99	22.80
16QAM	713	27310	20	50	0	21.70
16QAM	713	27310	20	50	24	22.24
16QAM	713	27310	20	50	50	21.73
16QAM	713	27310	20	100	0	22.18
16QAM	728	27460	20	1	0	23.03
16QAM	728	27460	20	1	49	23.01
16QAM	728	27460	20	1	99	22.79
16QAM	728	27460	20	50	0	22.06
16QAM	728	27460	20	50	24	21.97
16QAM	728	27460	20	50	50	22.06
16QAM	728	27460	20	100	0	22.03
16QAM	738	27560	20	1	0	22.97
16QAM	738	27560	20	1	49	23.05
16QAM	738	27560	20	1	99	22.94
16QAM	738	27560	20	50	0	21.86
16QAM	738	27560	20	50	24	21.65
16QAM	738	27560	20	50	50	21.72

16QAM	738	27560	20	100	0	21.91
64QAM	713	27310	20	1	0	22.44
64QAM	713	27310	20	1	49	22.38
64QAM	713	27310	20	1	99	23.21
64QAM	713	27310	20	50	0	20.64
64QAM	713	27310	20	50	24	21.30
64QAM	713	27310	20	50	50	20.70
64QAM	713	27310	20	100	0	21.25
64QAM	728	27460	20	1	0	22.71
64QAM	728	27460	20	1	49	22.76
64QAM	728	27460	20	1	99	22.41
64QAM	728	27460	20	50	0	21.11
64QAM	728	27460	20	50	24	21.08
64QAM	728	27460	20	50	50	20.98
64QAM	728	27460	20	100	0	21.00
64QAM	738	27560	20	1	0	23.73
64QAM	738	27560	20	1	49	23.29
64QAM	738	27560	20	1	99	23.48
64QAM	738	27560	20	50	0	21.10
64QAM	738	27560	20	50	24	21.13
64QAM	738	27560	20	50	50	20.89
64QAM	738	27560	20	100	0	21.10

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	713	27310	20	1	0	23.10
QPSK	713	27310	20	1	49	23.06
QPSK	713	27310	20	1	99	23.13
QPSK	713	27310	20	50	0	22.58
QPSK	713	27310	20	50	24	22.83
QPSK	713	27310	20	50	50	22.76
QPSK	713	27310	20	100	0	22.75
QPSK	728	27460	20	1	0	23.64
QPSK	728	27460	20	1	49	23.39
QPSK	728	27460	20	1	99	23.45
QPSK	728	27460	20	50	0	22.72
QPSK	728	27460	20	50	24	23.08
QPSK	728	27460	20	50	50	23.18
QPSK	728	27460	20	100	0	23.09
QPSK	738	27560	20	1	0	23.23
QPSK	738	27560	20	1	49	23.33
QPSK	738	27560	20	1	99	23.27
QPSK	738	27560	20	50	0	22.99
QPSK	738	27560	20	50	24	22.88
QPSK	738	27560	20	50	50	22.76
QPSK	738	27560	20	100	0	22.95



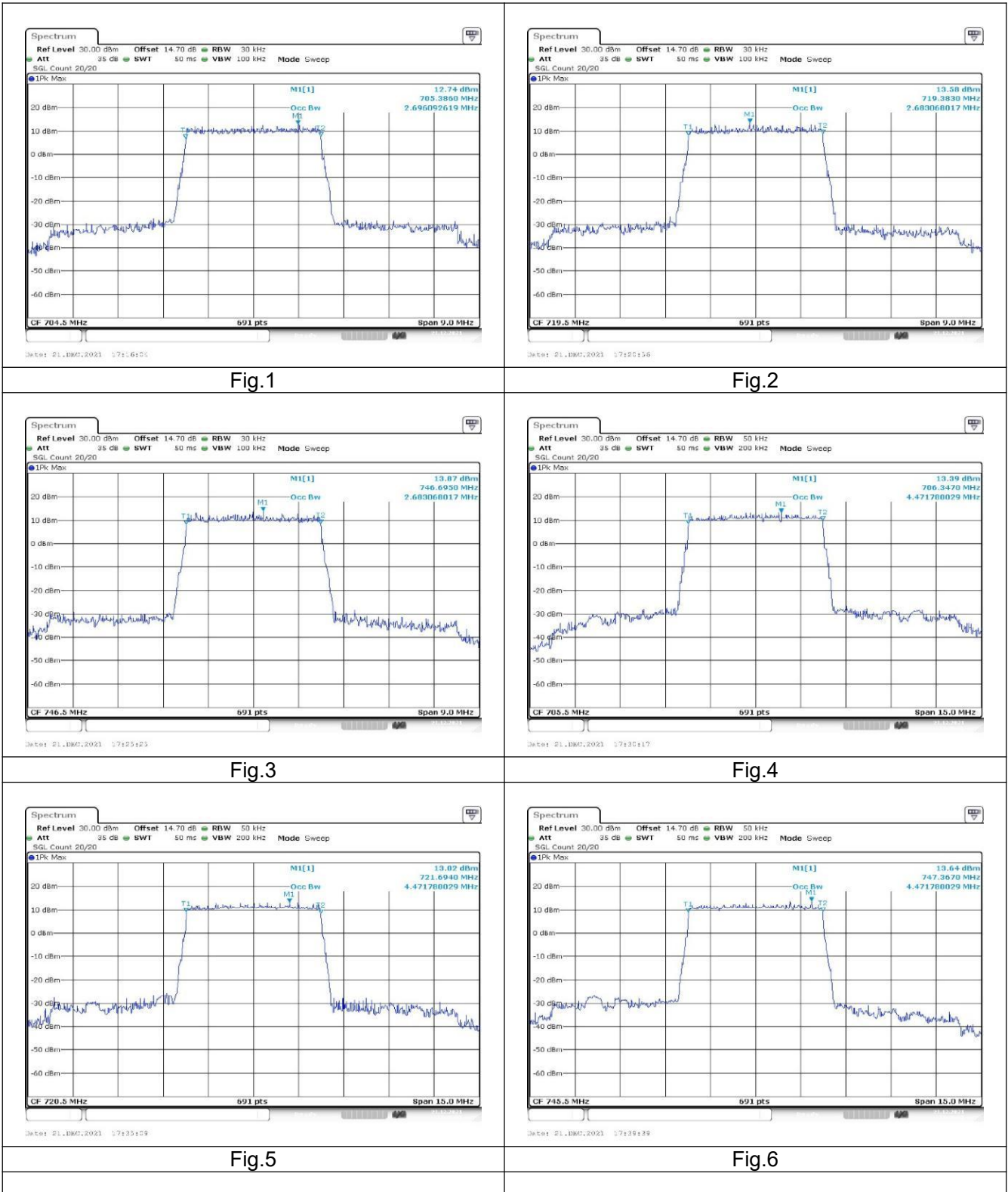
## 2 Occupied Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
Band 28	QPSK	704.5	27225	3	15	0	2.696	Fig.1
Band 28	QPSK	719.5	27375	3	15	0	2.683	Fig.2
Band 28	QPSK	746.5	27645	3	15	0	2.683	Fig.3
Band 28	QPSK	705.5	27235	5	25	0	4.472	Fig.4
Band 28	QPSK	720.5	27385	5	25	0	4.472	Fig.5
Band 28	QPSK	745.5	27635	5	25	0	4.472	Fig.6
Band 28	QPSK	708	27260	10	50	0	8.944	Fig.7
Band 28	QPSK	723	27410	10	50	0	8.944	Fig.8
Band 28	QPSK	743	27610	10	50	0	8.944	Fig.9
Band 28	QPSK	710.5	27285	15	75	0	13.415	Fig.10
Band 28	QPSK	725.5	27435	15	75	0	13.415	Fig.11
Band 28	QPSK	740.5	27585	15	75	0	13.415	Fig.12
Band 28	QPSK	713	27310	20	100	0	17.974	Fig.13
Band 28	QPSK	728	27460	20	100	0	17.974	Fig.14
Band 28	QPSK	738	27560	20	100	0	17.887	Fig.15

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
Band 28	16QAM	704.5	27225	3	15	0	2.683	Fig.16
Band 28	16QAM	719.5	27375	3	15	0	2.683	Fig.17
Band 28	16QAM	746.5	27645	3	15	0	2.683	Fig.18
Band 28	16QAM	705.5	27235	5	25	0	4.472	Fig.19
Band 28	16QAM	720.5	27385	5	25	0	4.472	Fig.20
Band 28	16QAM	745.5	27635	5	25	0	4.472	Fig.21
Band 28	16QAM	708	27260	10	50	0	8.944	Fig.22
Band 28	16QAM	723	27410	10	50	0	8.944	Fig.23
Band 28	16QAM	743	27610	10	50	0	8.944	Fig.24
Band 28	16QAM	710.5	27285	15	75	0	13.415	Fig.25
Band 28	16QAM	725.5	27435	15	75	0	13.415	Fig.26
Band 28	16QAM	740.5	27585	15	75	0	13.415	Fig.27
Band 28	16QAM	713	27310	20	100	0	17.887	Fig.28
Band 28	16QAM	728	27460	20	100	0	17.974	Fig.29
Band 28	16QAM	738	27560	20	100	0	17.887	Fig.30

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
Band 28	64QAM	704.5	27225	3	15	0	2.683	Fig.31
Band 28	64QAM	719.5	27375	3	15	0	2.683	Fig.32
Band 28	64QAM	746.5	27645	3	15	0	2.683	Fig.33
Band 28	64QAM	705.5	27235	5	25	0	4.472	Fig.34
Band 28	64QAM	720.5	27385	5	25	0	4.472	Fig.35
Band 28	64QAM	745.5	27635	5	25	0	4.472	Fig.36
Band 28	64QAM	708	27260	10	50	0	8.900	Fig.37
Band 28	64QAM	723	27410	10	50	0	8.944	Fig.38
Band 28	64QAM	743	27610	10	50	0	8.944	Fig.39
Band 28	64QAM	710.5	27285	15	75	0	13.415	Fig.40
Band 28	64QAM	725.5	27435	15	75	0	13.415	Fig.41
Band 28	64QAM	740.5	27585	15	75	0	13.415	Fig.42
Band 28	64QAM	713	27310	20	100	0	17.800	Fig.43
Band 28	64QAM	728	27460	20	100	0	17.974	Fig.44
Band 28	64QAM	738	27560	20	100	0	17.887	Fig.45

Test Mode: QPSK



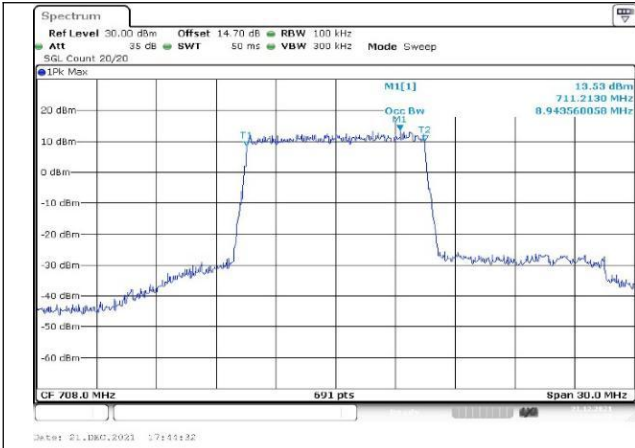


Fig.7

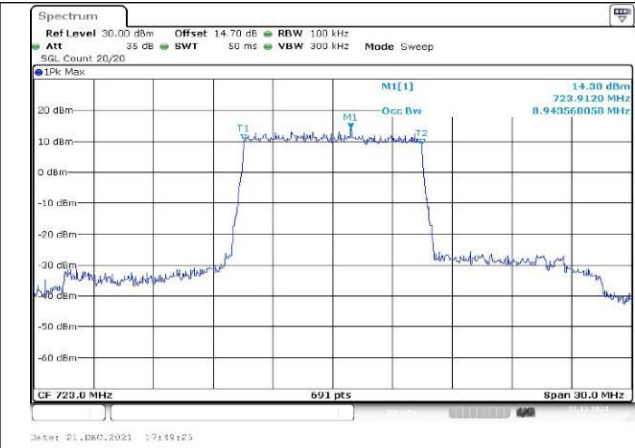


Fig.8

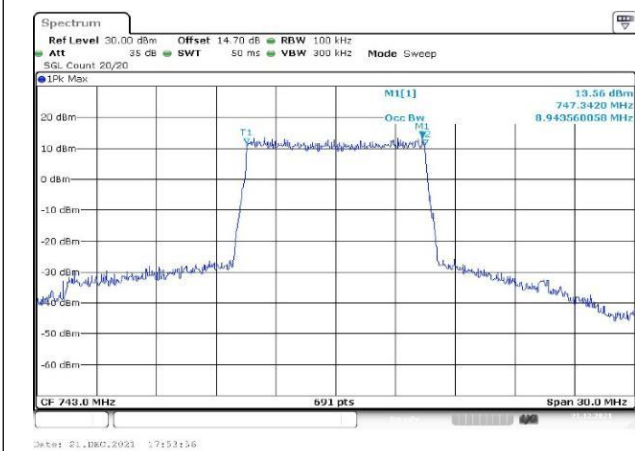


Fig.9

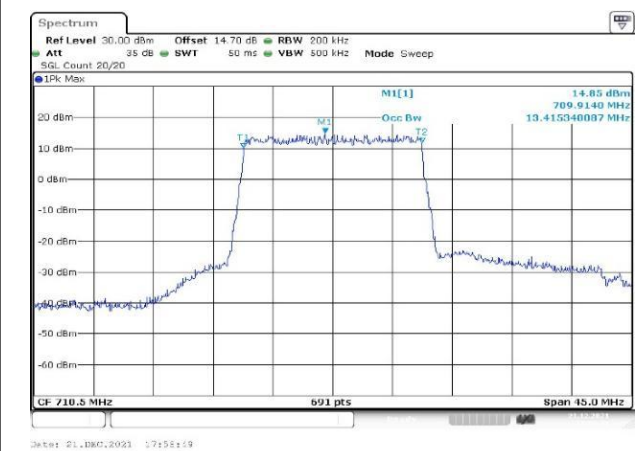


Fig.10

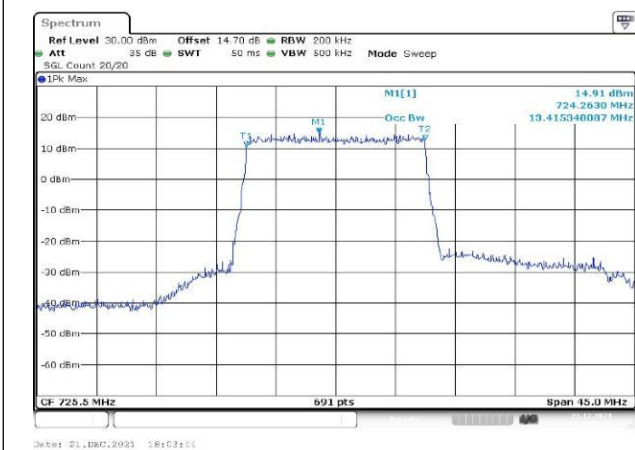


Fig.11

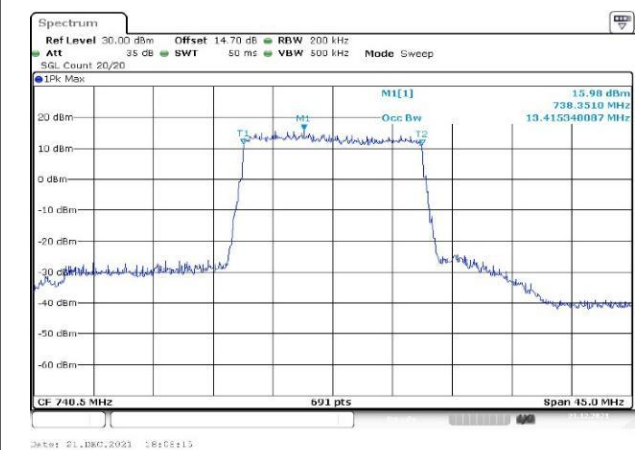


Fig.12

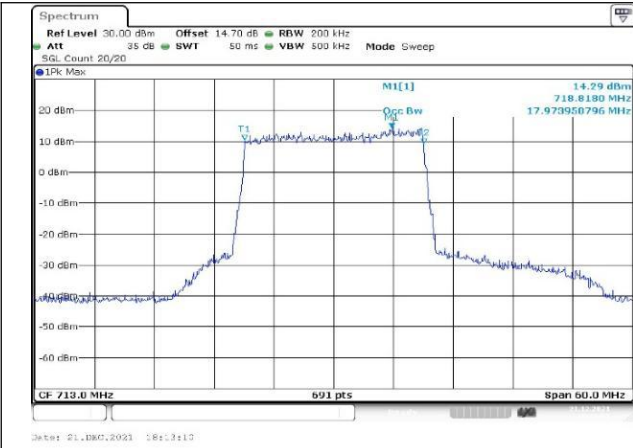


Fig.13

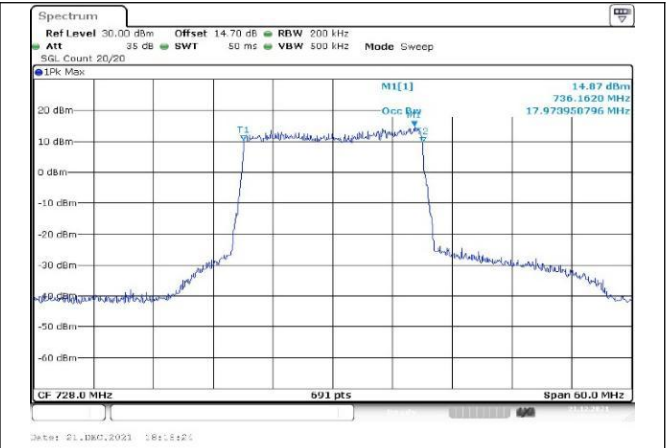


Fig.14

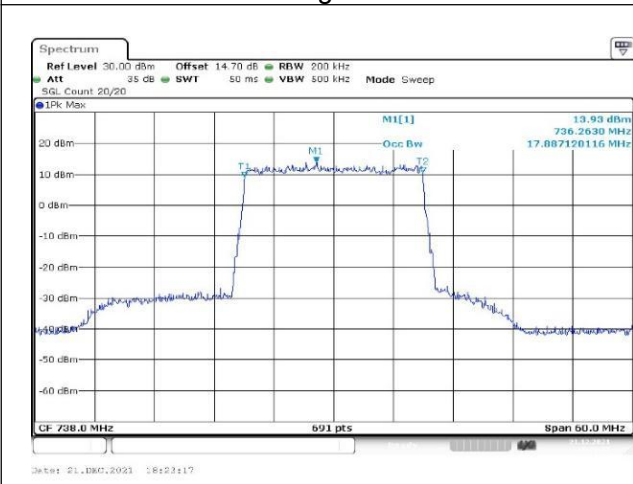


Fig.15

Test Mode: 16QAM

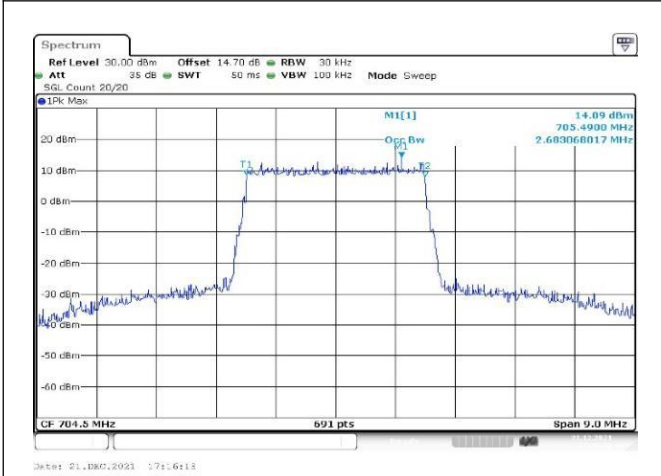


Fig.16

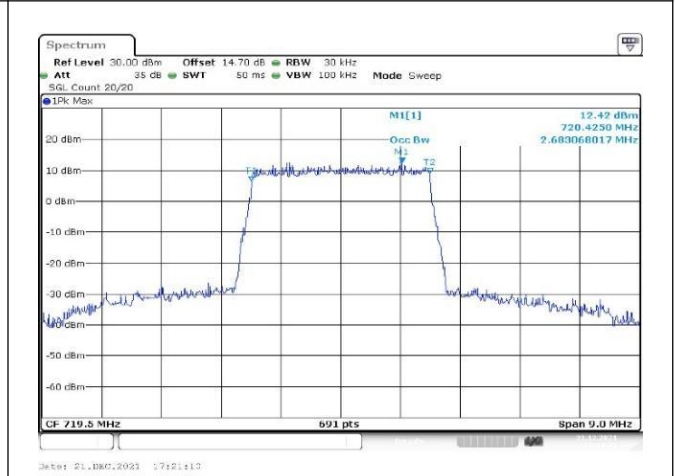


Fig.17

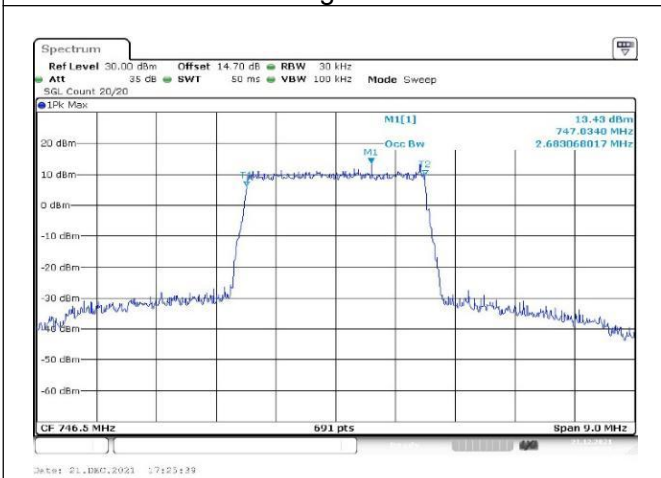


Fig.18

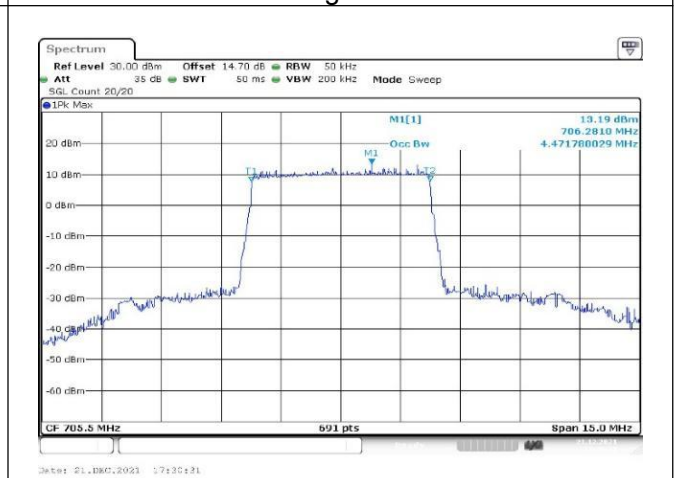


Fig.19

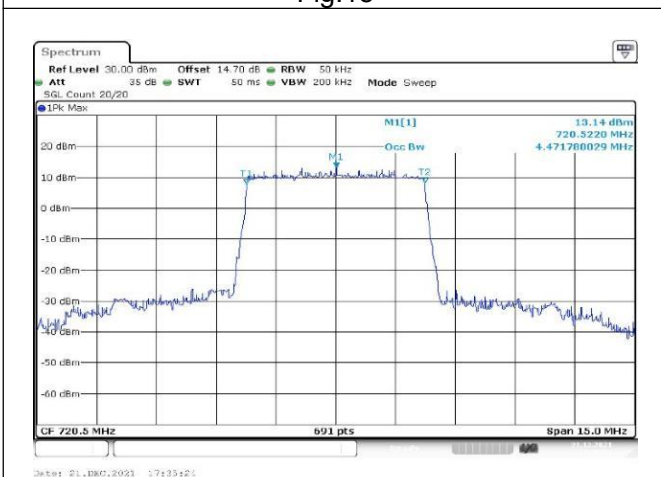


Fig.20

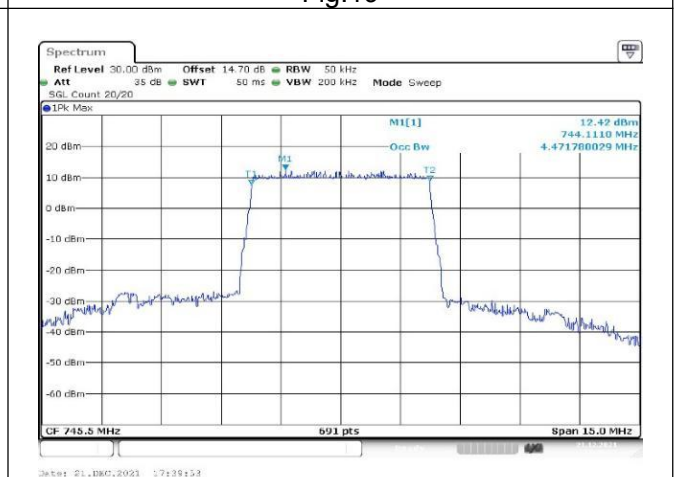


Fig.21

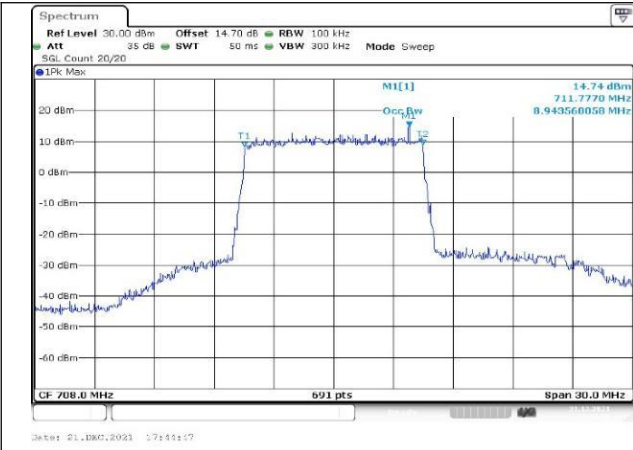


Fig.22

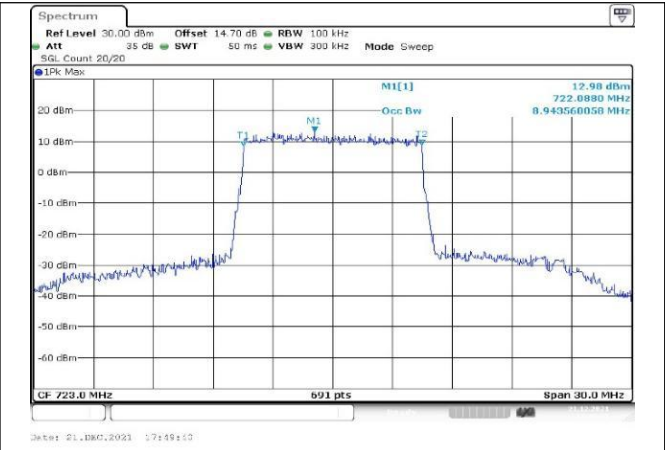


Fig.23

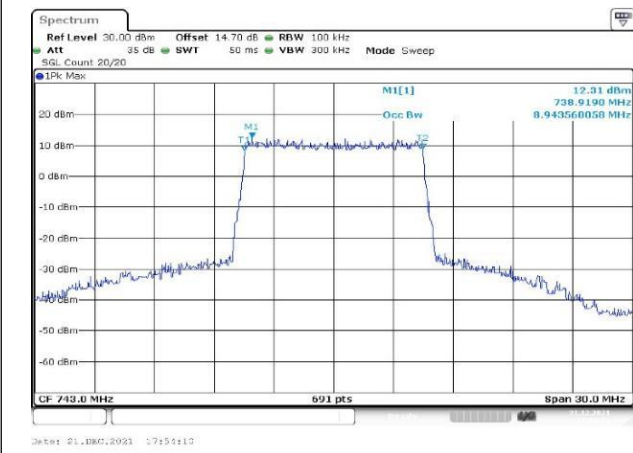


Fig.24

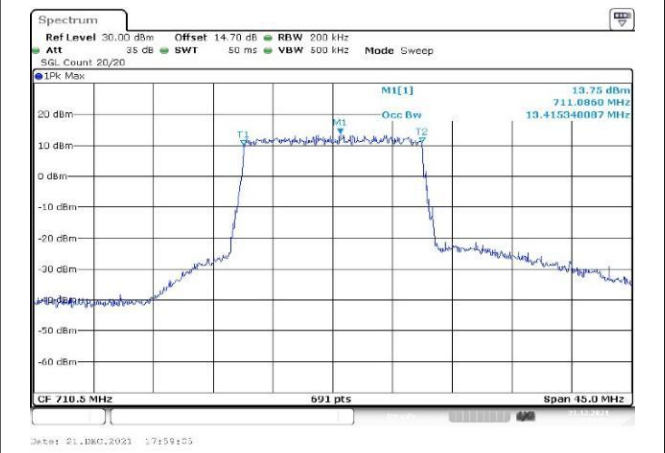


Fig.25

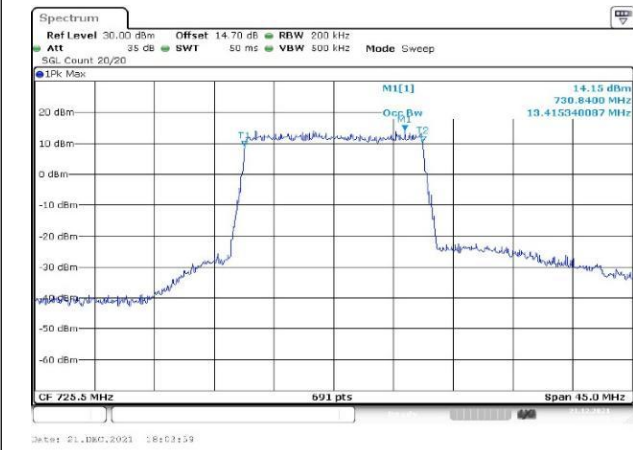


Fig.26

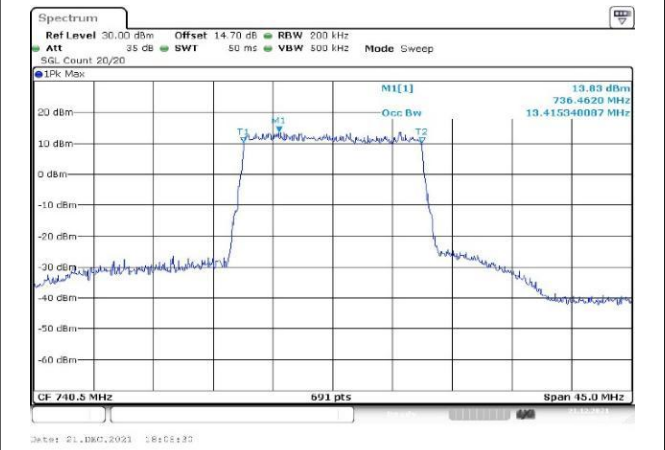


Fig.27

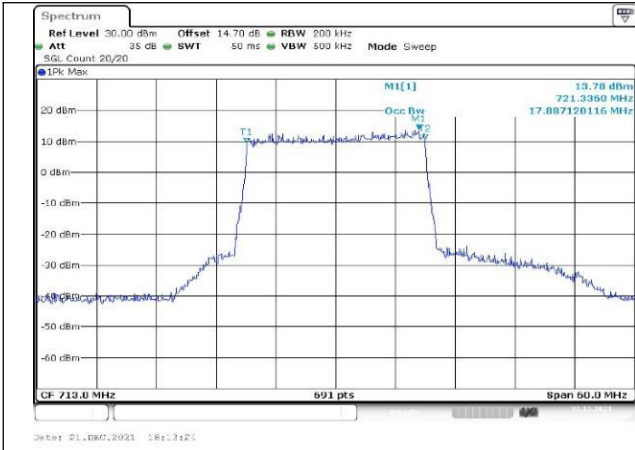


Fig.28

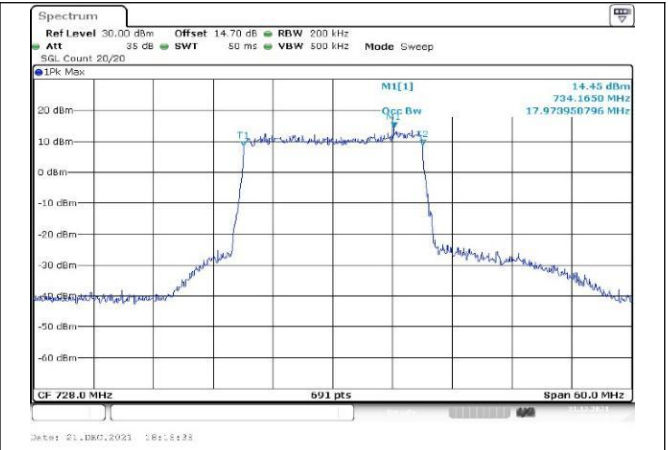


Fig.29

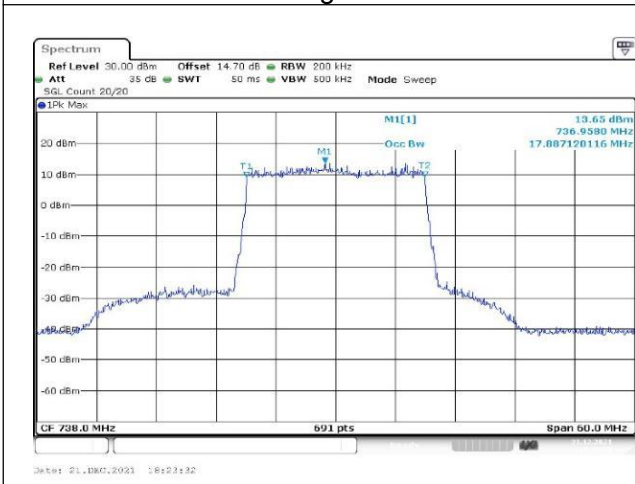


Fig.30



Test Mode: 64QAM

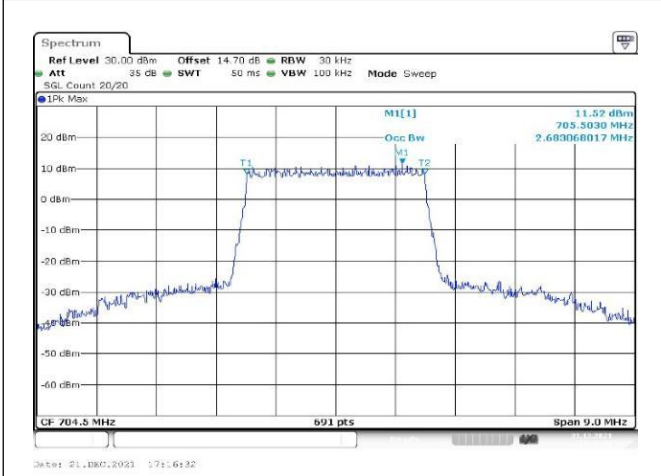


Fig.31

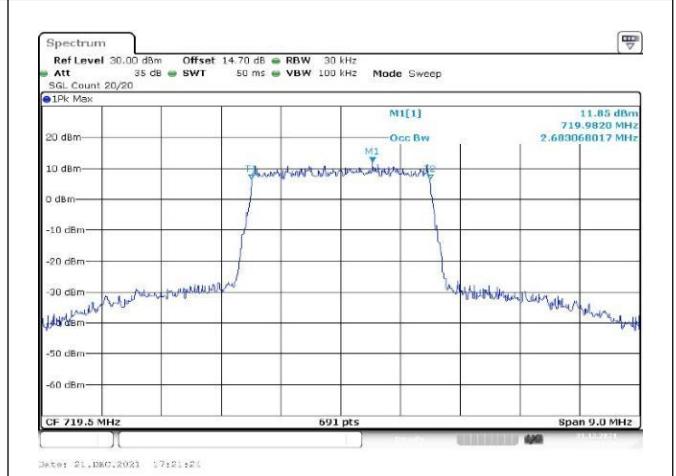


Fig.32

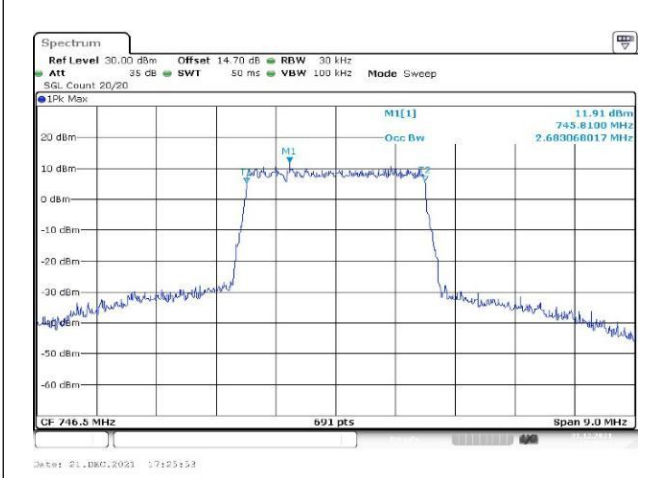


Fig.33

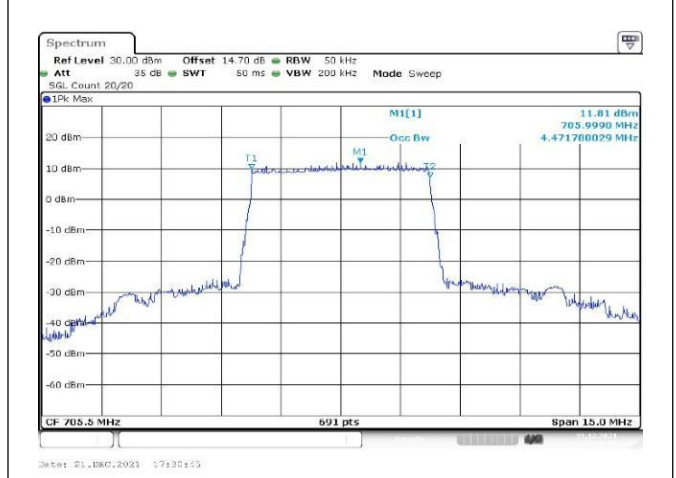


Fig.34

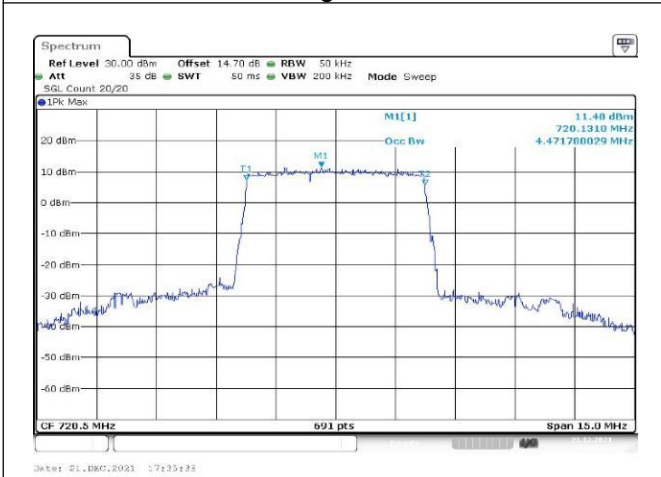


Fig.35

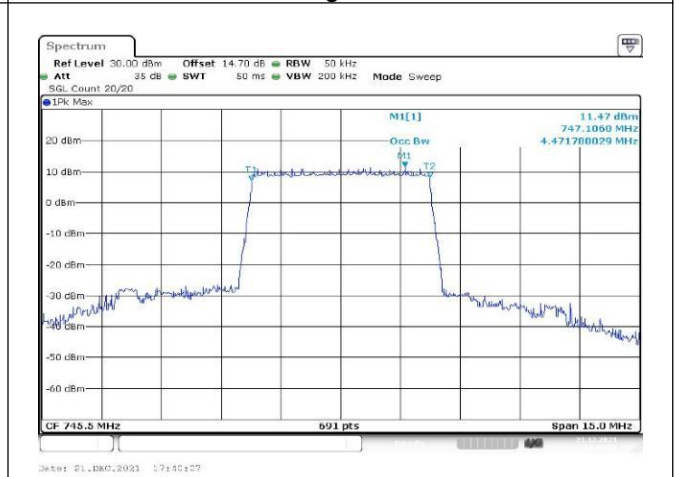


Fig.36

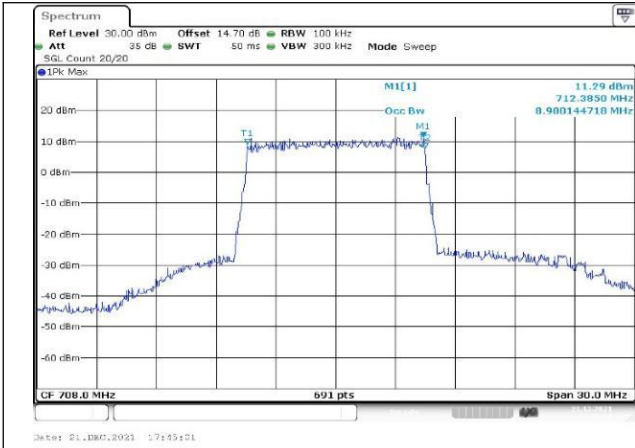


Fig.37

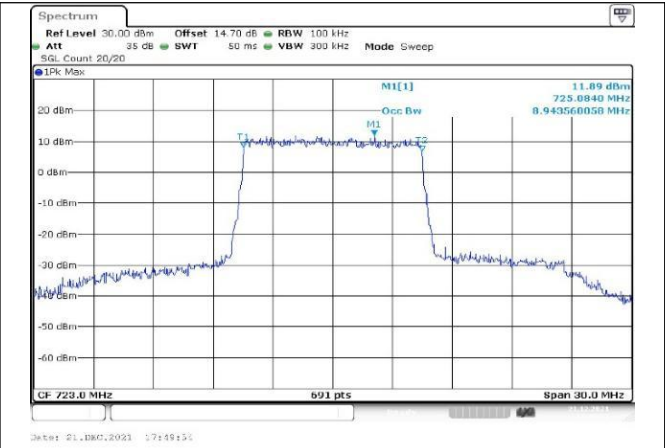


Fig.38

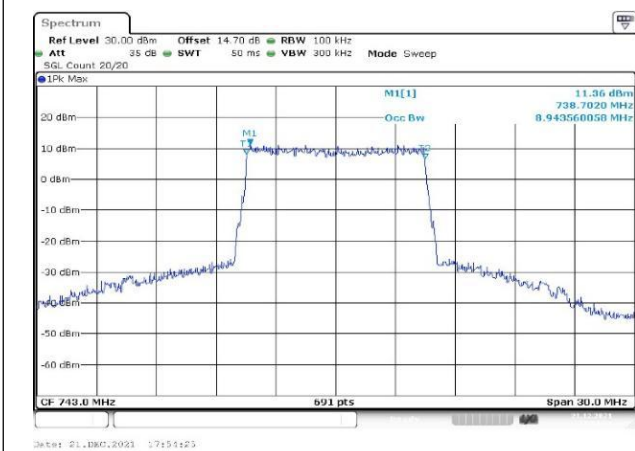


Fig.39

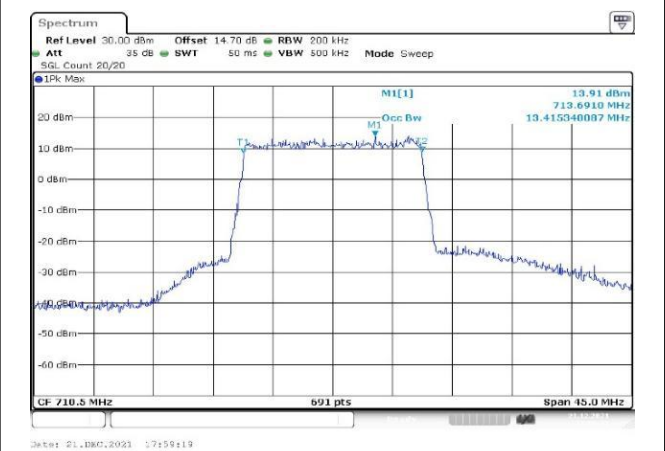


Fig.40

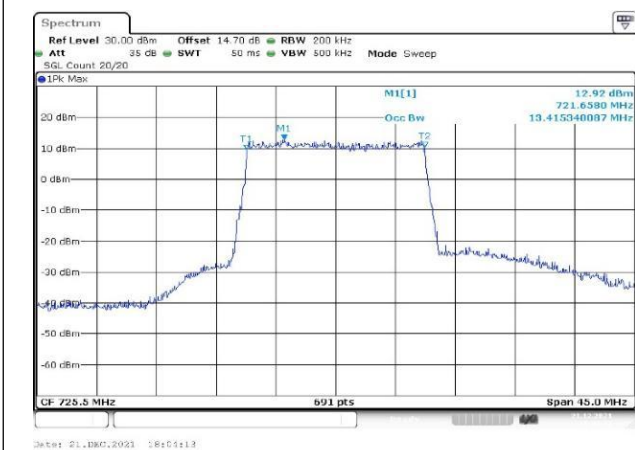


Fig.41

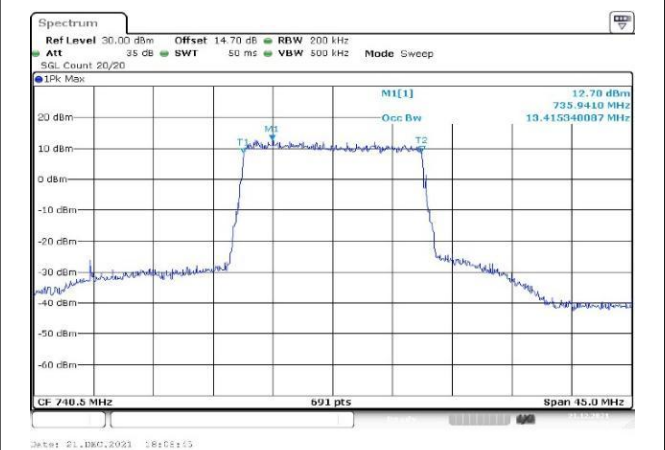


Fig.42

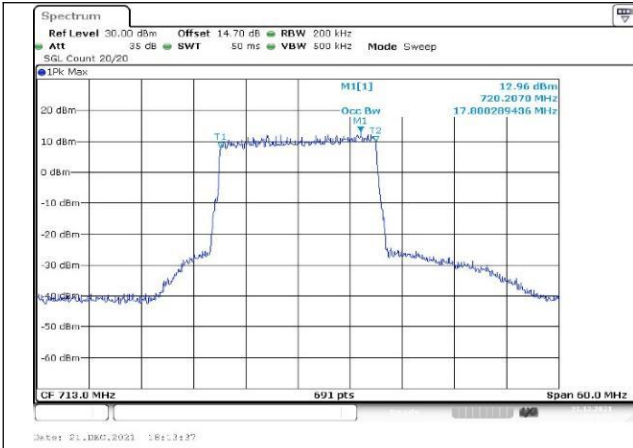


Fig.43

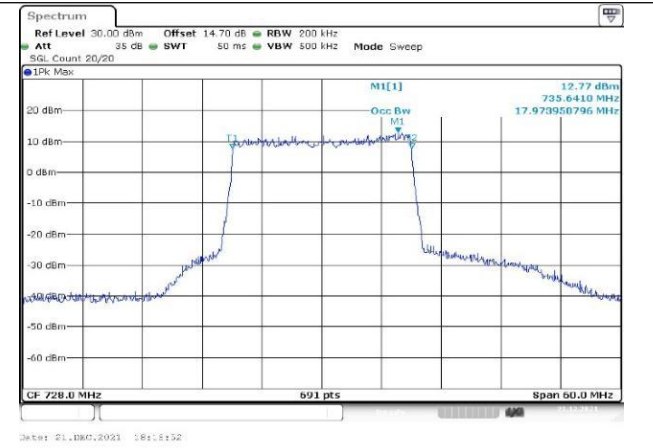


Fig.44

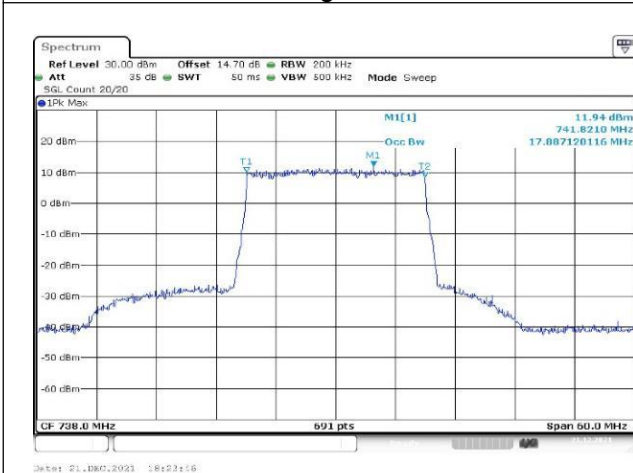


Fig.45

### 3 Emission Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
Band 28	QPSK	704.5	27225	3	15	0	2.970	Fig.1
Band 28	QPSK	719.5	27375	3	15	0	2.983	Fig.2
Band 28	QPSK	746.5	27645	3	15	0	2.957	Fig.3
Band 28	QPSK	705.5	27235	5	25	0	4.884	Fig.4
Band 28	QPSK	720.5	27385	5	25	0	4.928	Fig.5
Band 28	QPSK	745.5	27635	5	25	0	4.906	Fig.6
Band 28	QPSK	708	27260	10	50	0	9.638	Fig.7
Band 28	QPSK	723	27410	10	50	0	9.638	Fig.8
Band 28	QPSK	743	27610	10	50	0	9.768	Fig.9
Band 28	QPSK	710.5	27285	15	75	0	14.718	Fig.10
Band 28	QPSK	725.5	27435	15	75	0	14.653	Fig.11
Band 28	QPSK	740.5	27585	15	75	0	14.718	Fig.12
Band 28	QPSK	713	27310	20	100	0	19.190	Fig.13
Band 28	QPSK	728	27460	20	100	0	19.276	Fig.14
Band 28	QPSK	738	27560	20	100	0	19.363	Fig.15

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
Band 28	16QAM	704.5	27225	3	15	0	2.983	Fig.16
Band 28	16QAM	719.5	27375	3	15	0	2.983	Fig.17
Band 28	16QAM	746.5	27645	3	15	0	2.970	Fig.18
Band 28	16QAM	705.5	27235	5	25	0	4.863	Fig.19
Band 28	16QAM	720.5	27385	5	25	0	4.863	Fig.20
Band 28	16QAM	745.5	27635	5	25	0	4.884	Fig.21
Band 28	16QAM	708	27260	10	50	0	9.725	Fig.22
Band 28	16QAM	723	27410	10	50	0	9.725	Fig.23
Band 28	16QAM	743	27610	10	50	0	9.682	Fig.24
Band 28	16QAM	710.5	27285	15	75	0	14.718	Fig.25
Band 28	16QAM	725.5	27435	15	75	0	14.653	Fig.26
Band 28	16QAM	740.5	27585	15	75	0	14.783	Fig.27
Band 28	16QAM	713	27310	20	100	0	19.363	Fig.28
Band 28	16QAM	728	27460	20	100	0	19.276	Fig.29
Band 28	16QAM	738	27560	20	100	0	19.450	Fig.30

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
Band 28	64QAM	704.5	27225	3	15	0	2.983	Fig.31
Band 28	64QAM	719.5	27375	3	15	0	2.983	Fig.32
Band 28	64QAM	746.5	27645	3	15	0	2.931	Fig.33
Band 28	64QAM	705.5	27235	5	25	0	4.906	Fig.34
Band 28	64QAM	720.5	27385	5	25	0	4.863	Fig.35
Band 28	64QAM	745.5	27635	5	25	0	4.906	Fig.36
Band 28	64QAM	708	27260	10	50	0	9.725	Fig.37
Band 28	64QAM	723	27410	10	50	0	9.682	Fig.38
Band 28	64QAM	743	27610	10	50	0	9.768	Fig.39
Band 28	64QAM	710.5	27285	15	75	0	14.783	Fig.40
Band 28	64QAM	725.5	27435	15	75	0	14.718	Fig.41
Band 28	64QAM	740.5	27585	15	75	0	14.522	Fig.42
Band 28	64QAM	713	27310	20	100	0	19.450	Fig.43
Band 28	64QAM	728	27460	20	100	0	19.450	Fig.44
Band 28	64QAM	738	27560	20	100	0	19.363	Fig.45

Test Mode: QPSK

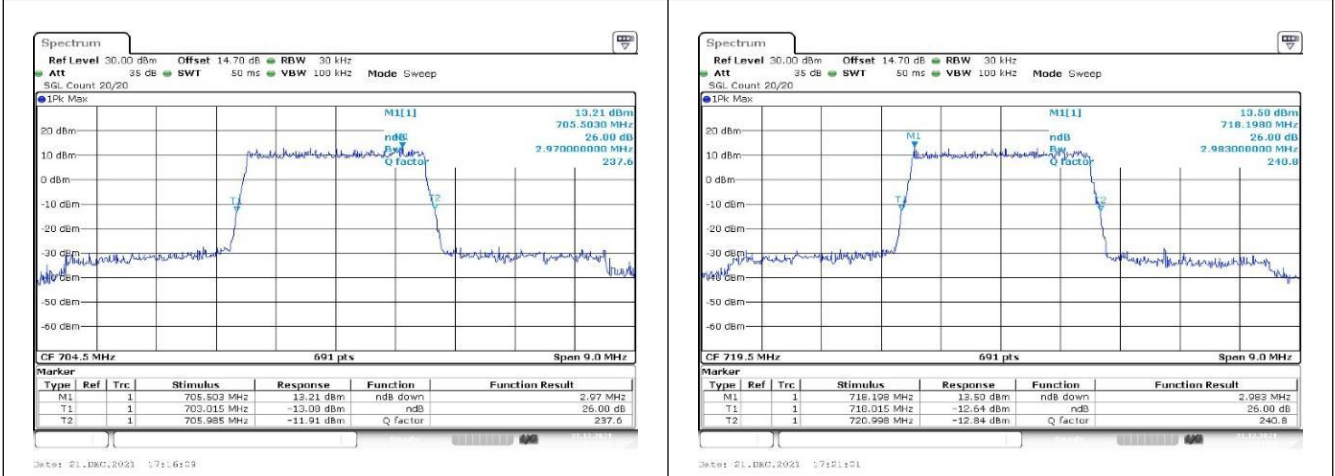


Fig.1

Fig.2

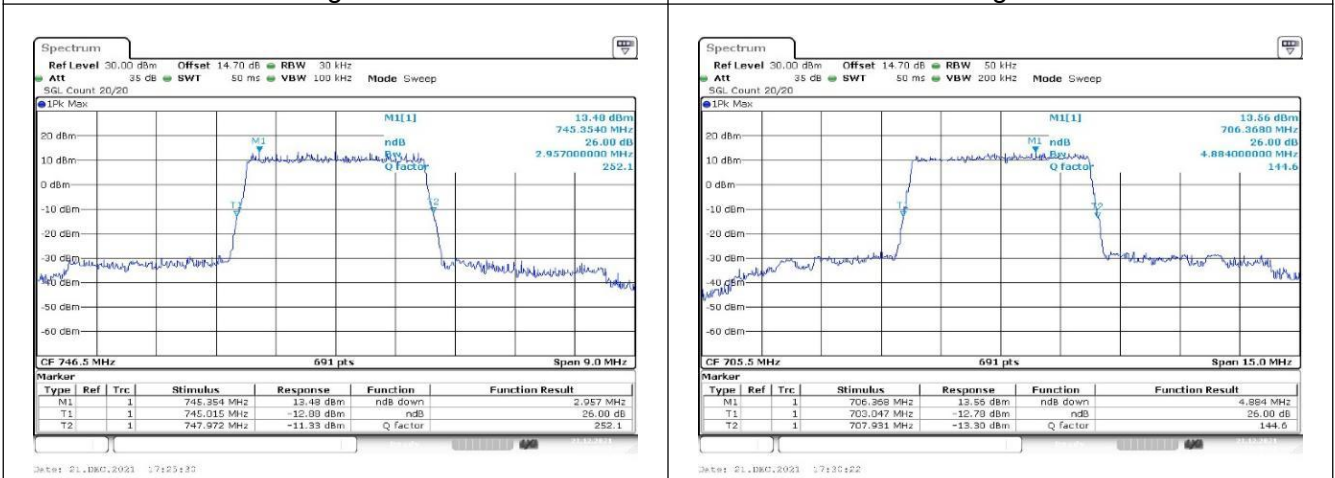


Fig.3

Fig.4

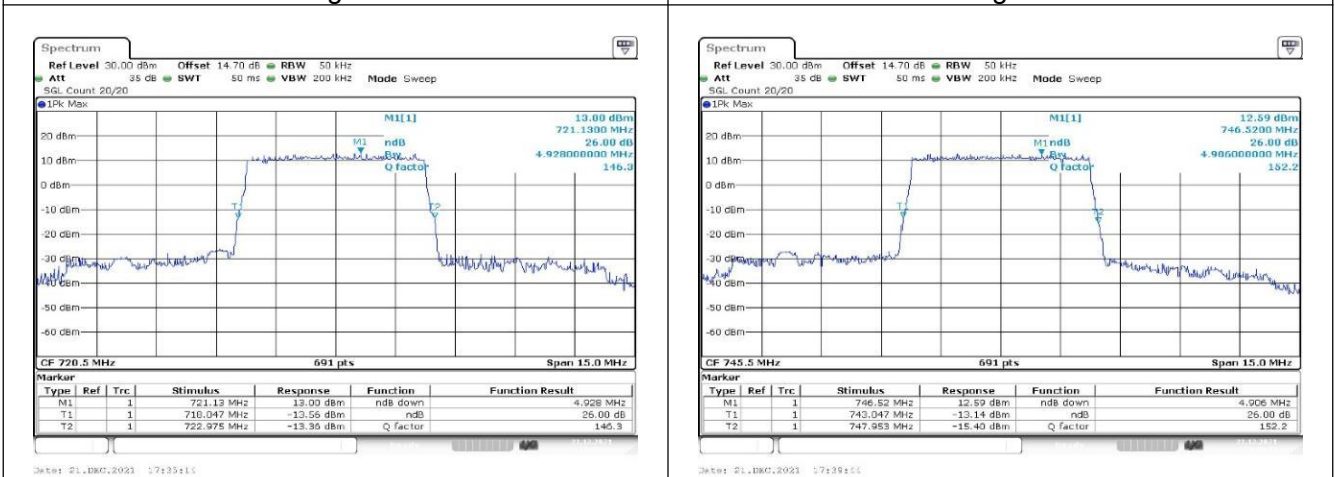


Fig.5

Fig.6

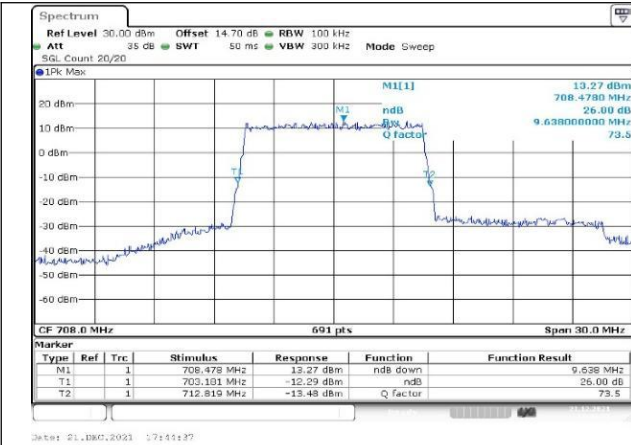


Fig.7

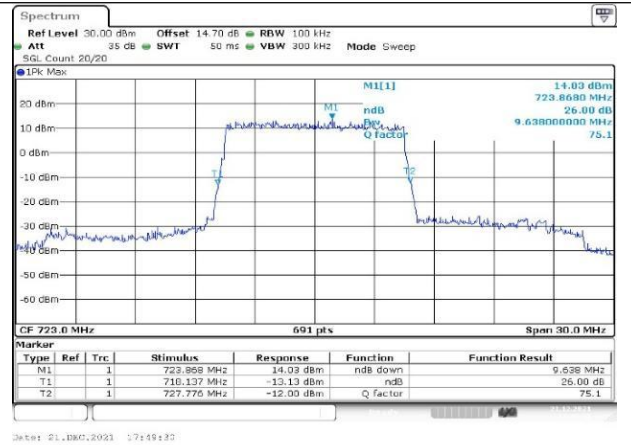


Fig.8

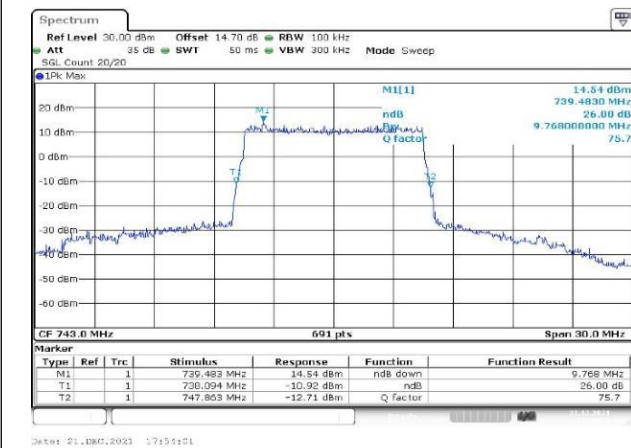


Fig.9

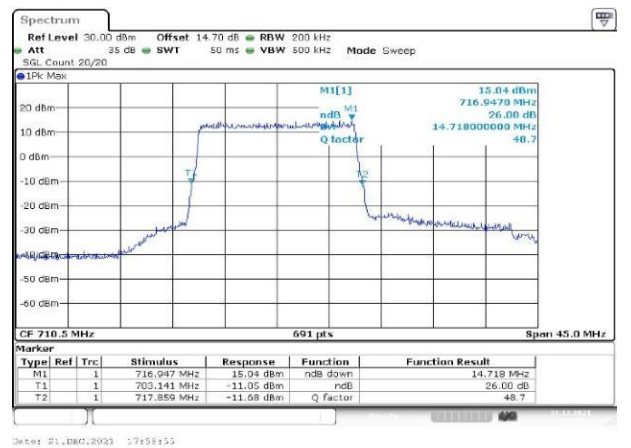


Fig.10

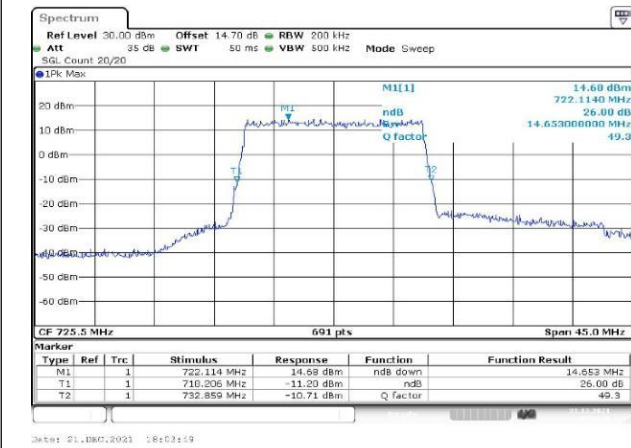


Fig.11

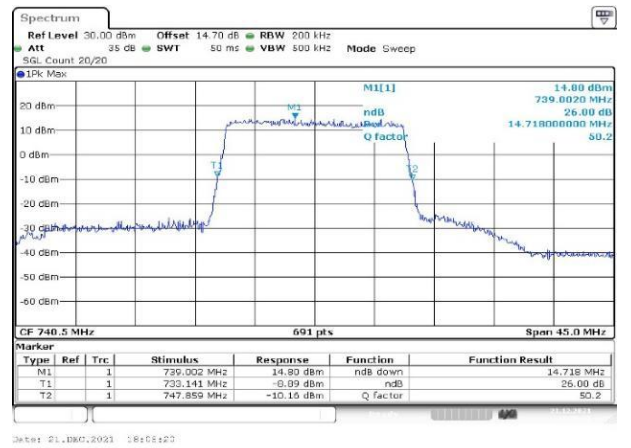


Fig.12

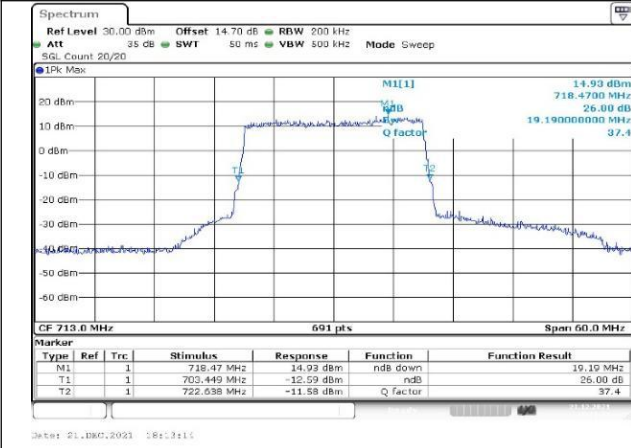


Fig.13

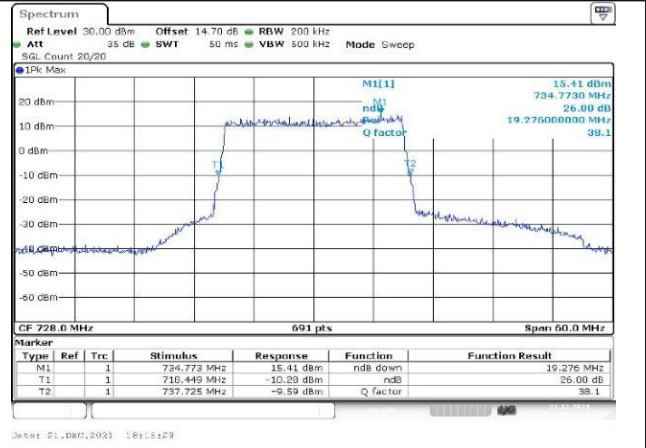


Fig.14

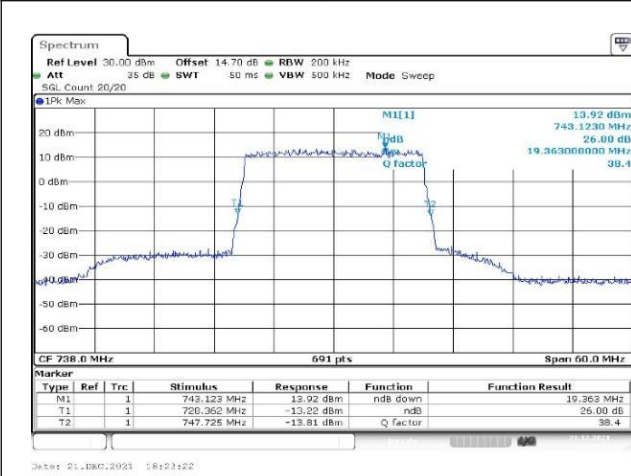


Fig.15



Test Mode: 16QAM

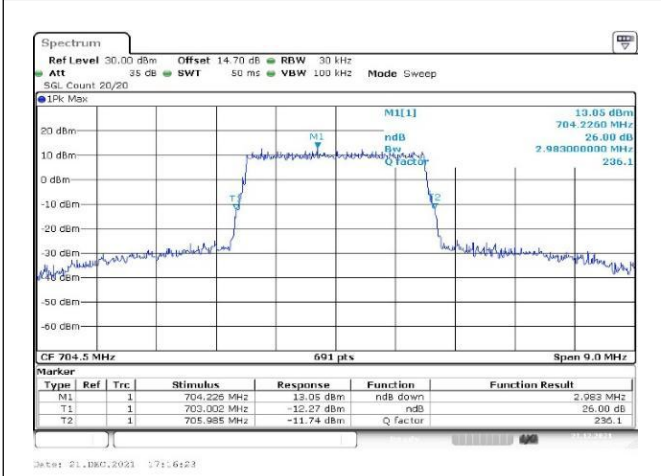


Fig.16

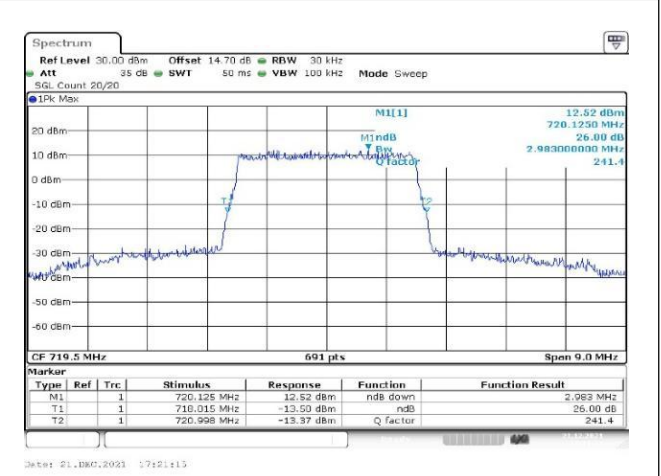


Fig.17

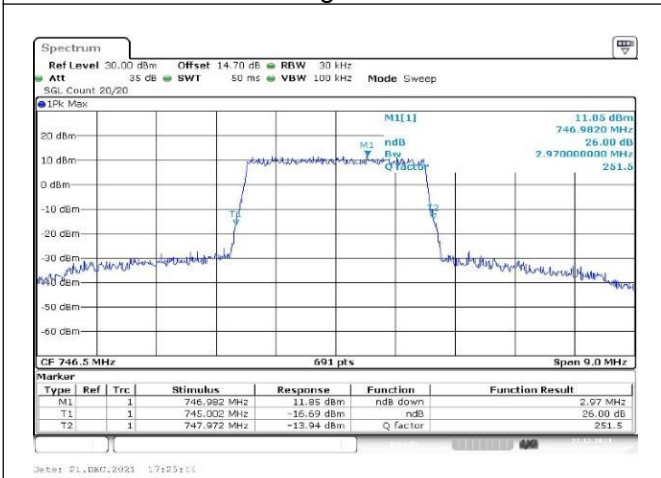


Fig.18

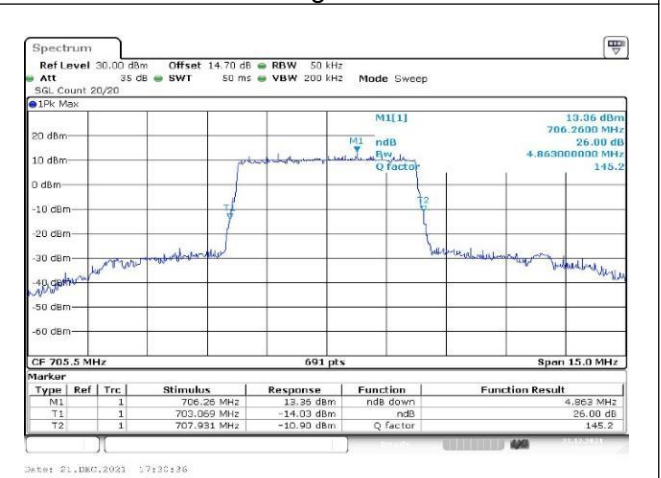


Fig.19

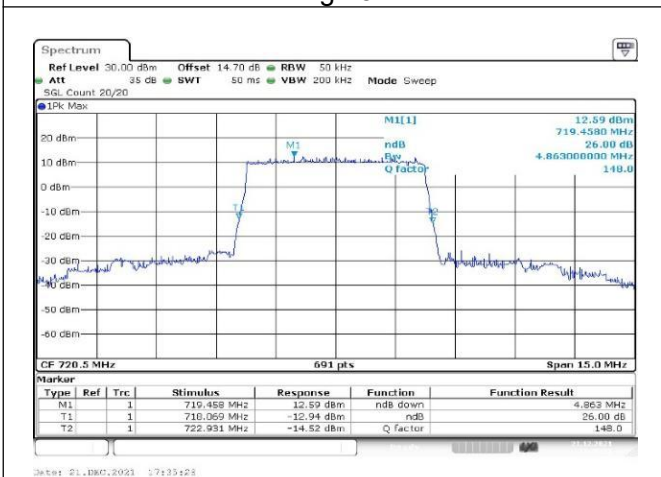


Fig.20

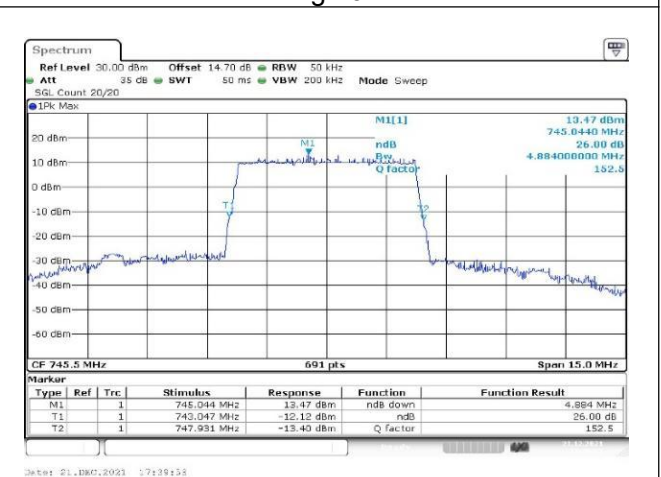


Fig.21

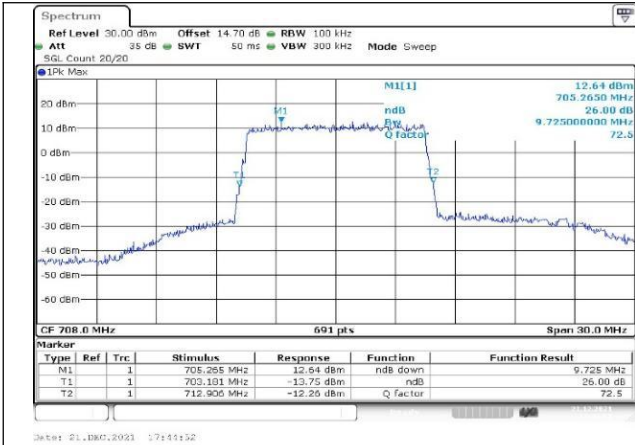


Fig.22

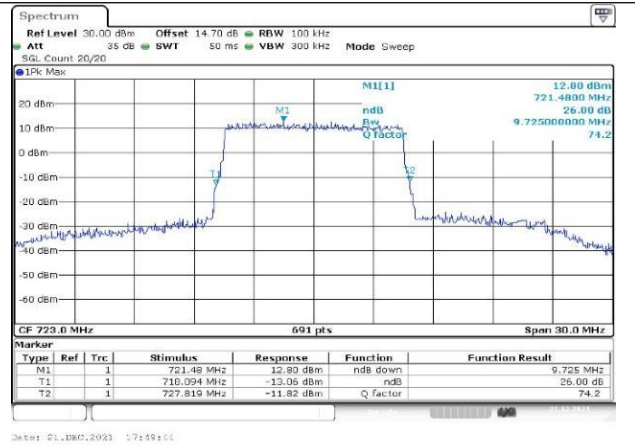


Fig.23

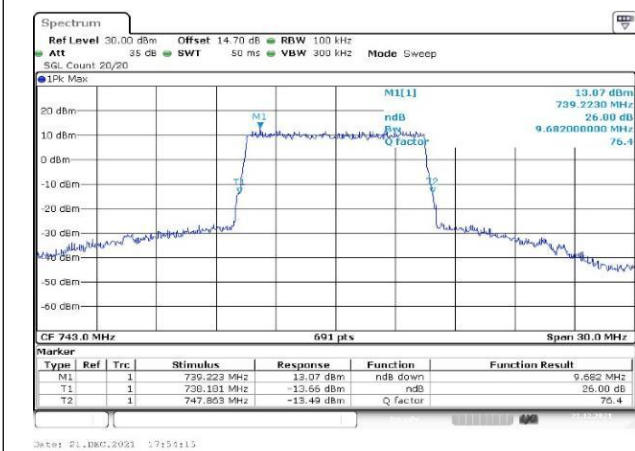


Fig.24

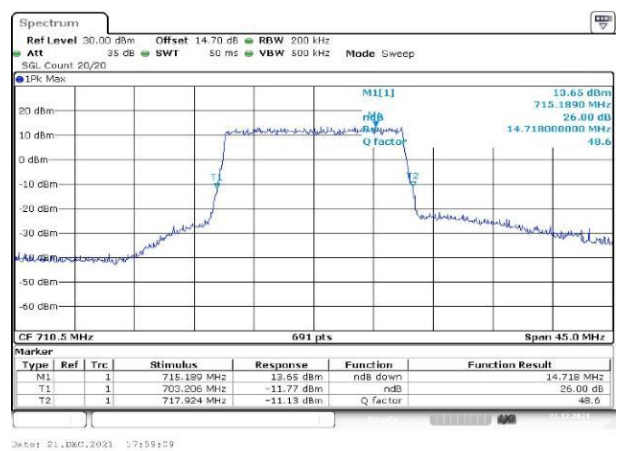


Fig.25

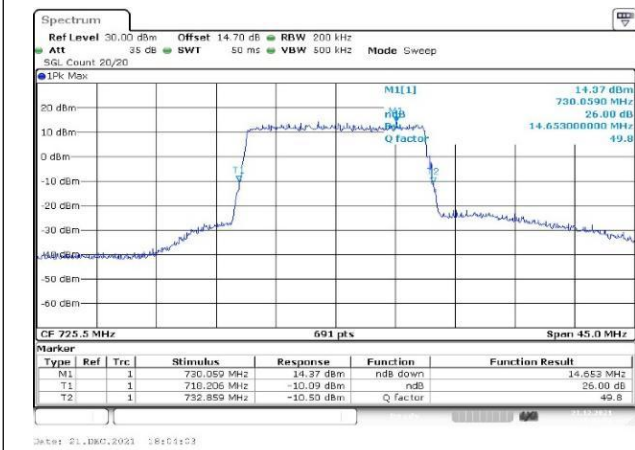


Fig.26

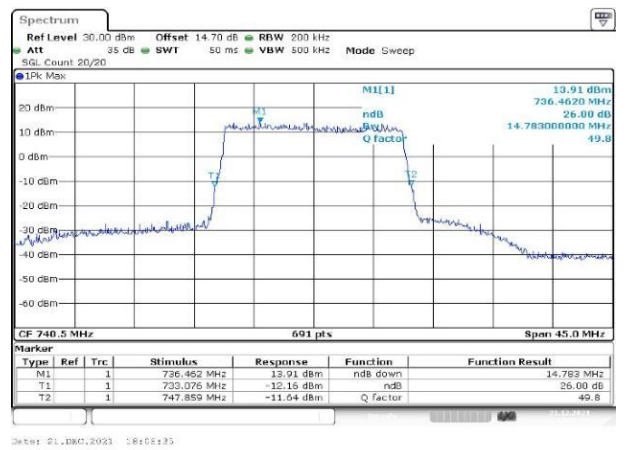


Fig.27

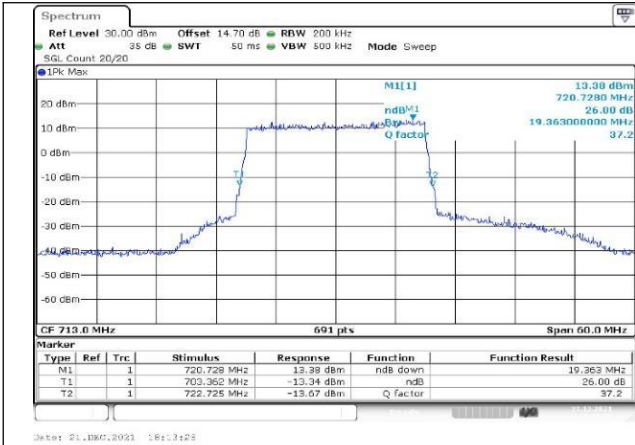


Fig.28

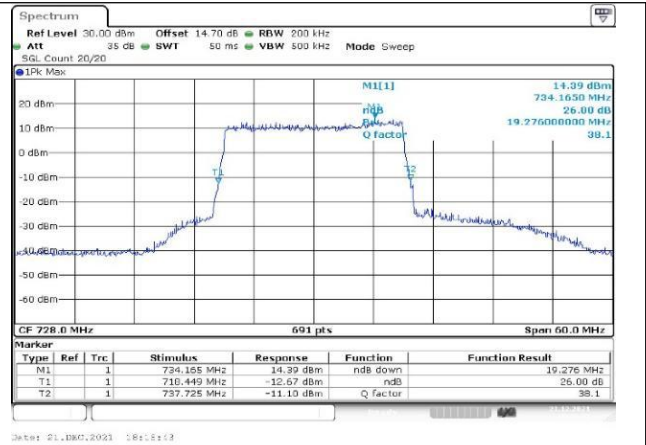


Fig.29

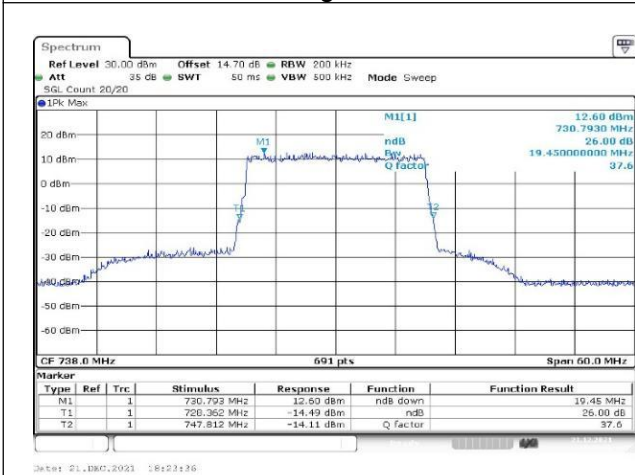


Fig.30

Test Mode: 64QAM

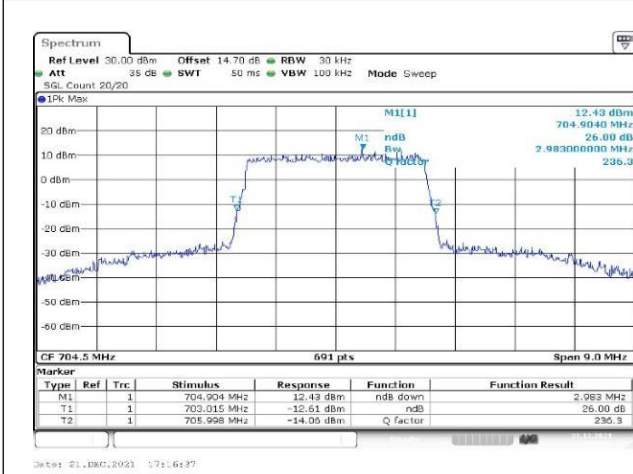


Fig.31

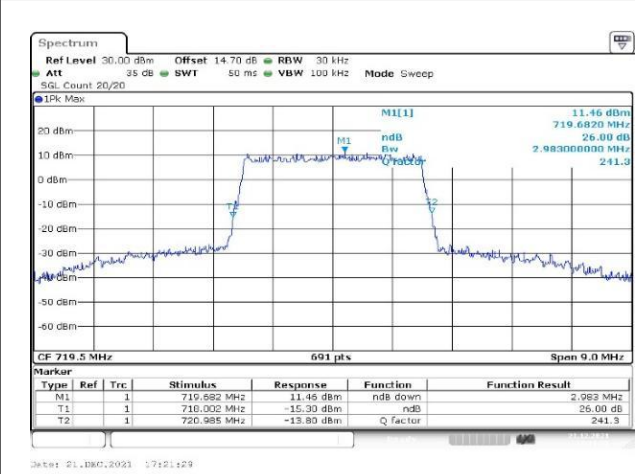


Fig.32

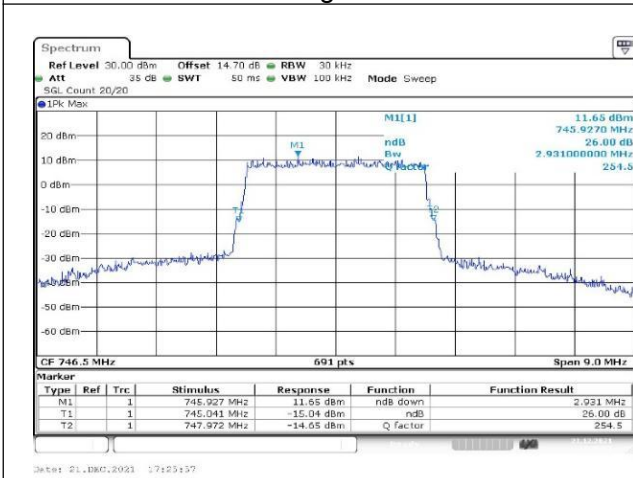


Fig.33



Fig.34

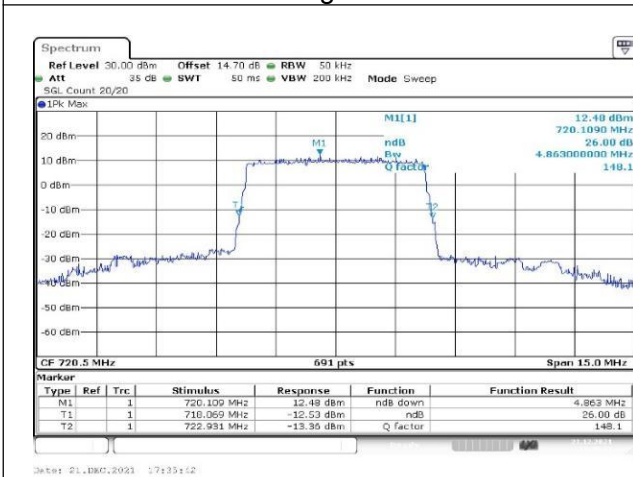


Fig.35

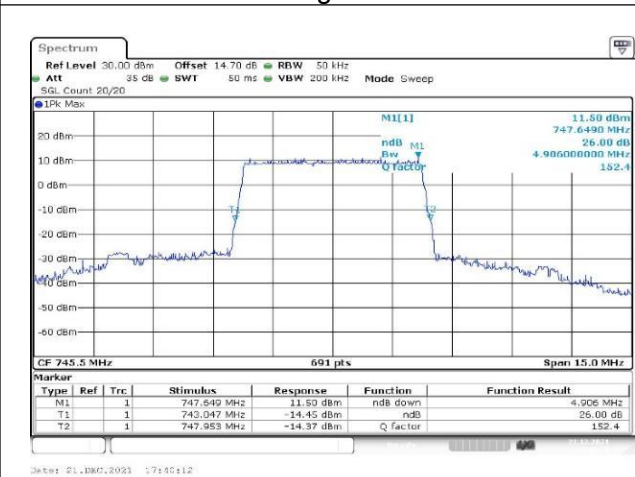


Fig.36

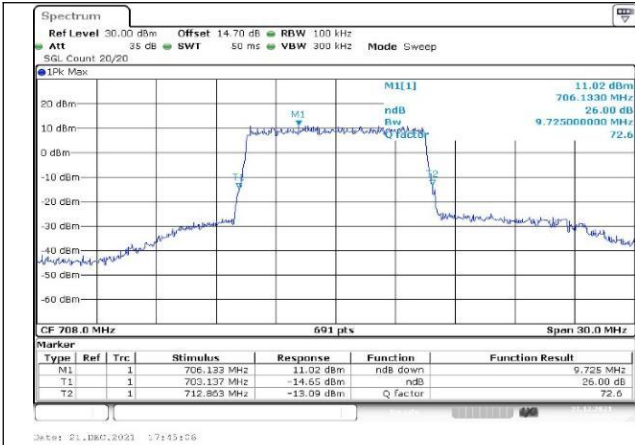


Fig.37

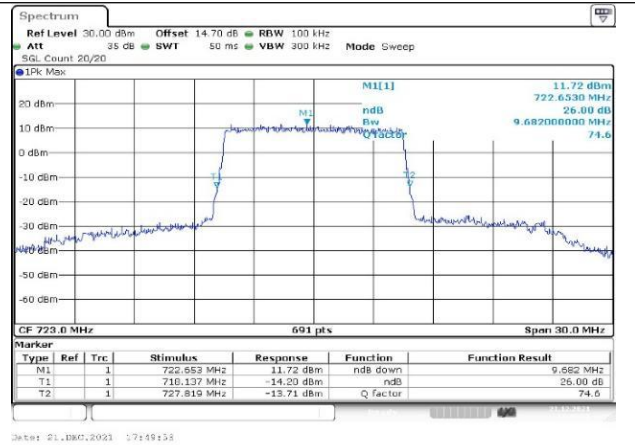


Fig.38

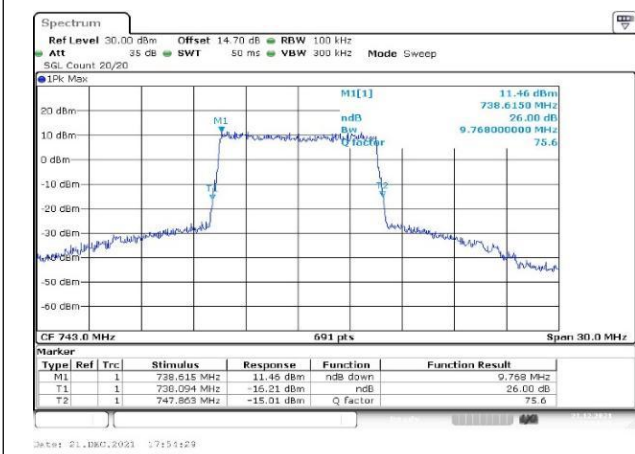


Fig.39

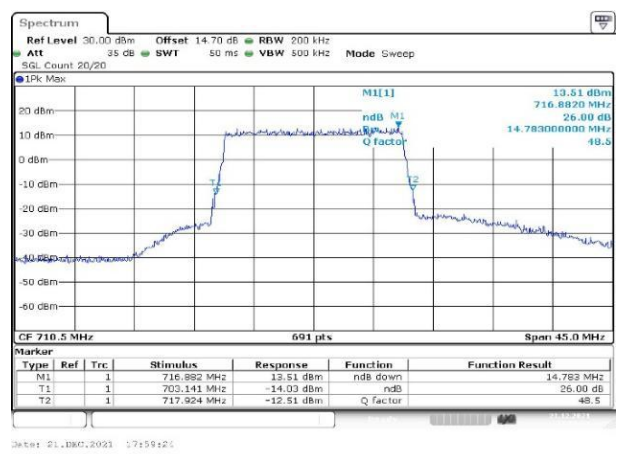


Fig.40

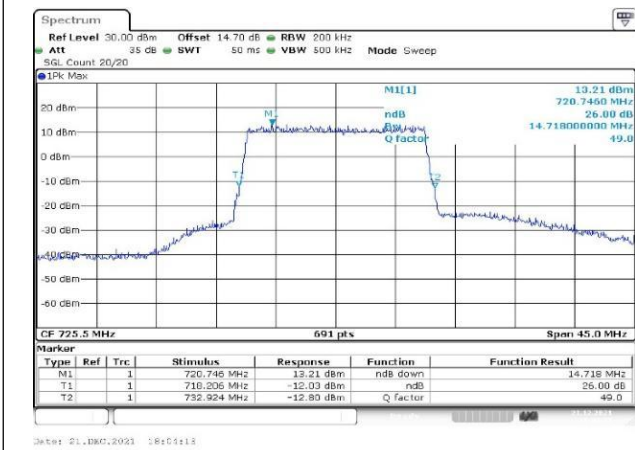


Fig.41

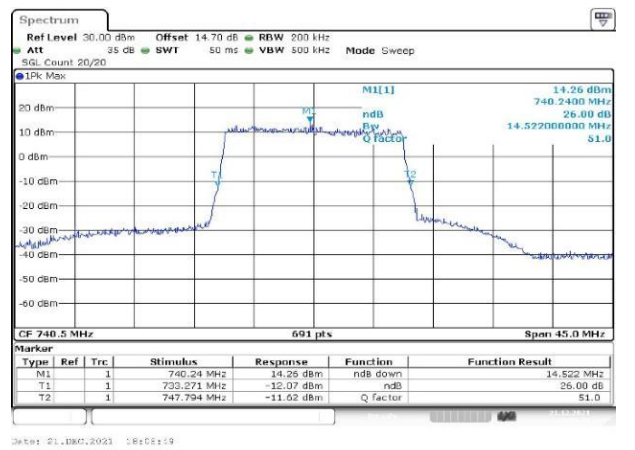


Fig.42

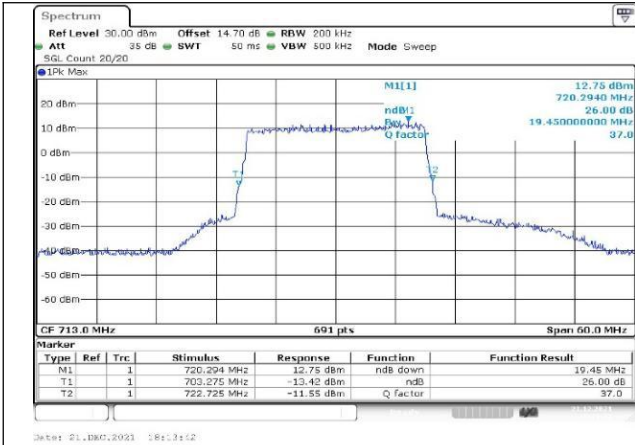


Fig.43

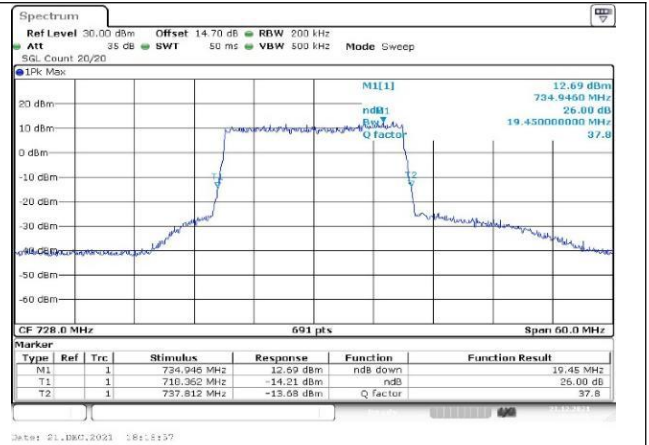


Fig.44

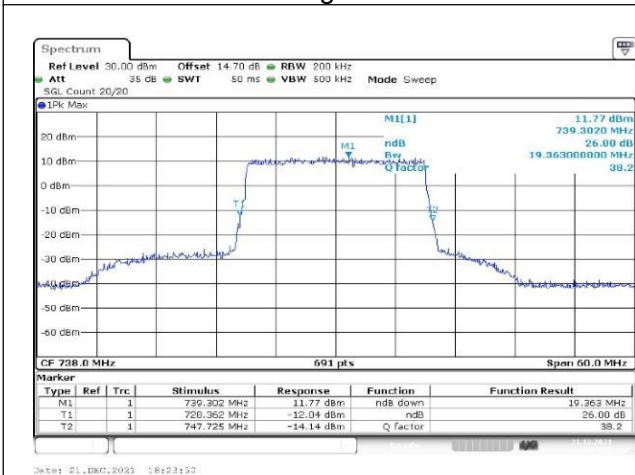


Fig.45

#### 4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
28	704.5	27225	3	1	14	Fig.1	Fig.2	Fig.3
28	704.5	27225	3	15	0	Fig.4	Fig.5	Fig.6
28	719.5	27375	3	1	14	Fig.7	Fig.8	Fig.9
28	719.5	27375	3	15	0	Fig.10	Fig.11	Fig.12
28	746.5	27645	3	1	14	Fig.13	Fig.14	Fig.15
28	746.5	27645	3	15	0	Fig.16	Fig.17	Fig.18
28	705.5	27235	5	1	24	Fig.19	Fig.20	Fig.21
28	705.5	27235	5	25	0	Fig.22	Fig.23	Fig.24
28	720.5	27385	5	1	24	Fig.25	Fig.26	Fig.27
28	720.5	27385	5	25	0	Fig.28	Fig.29	Fig.30
28	745.5	27635	5	1	24	Fig.31	Fig.32	Fig.33
28	745.5	27635	5	25	0	Fig.34	Fig.35	Fig.36
28	708	27260	10	1	49	Fig.37	Fig.38	Fig.39
28	708	27260	10	50	0	Fig.40	Fig.41	Fig.42
28	723	27410	10	1	49	Fig.43	Fig.44	Fig.45
28	723	27410	10	50	0	Fig.46	Fig.47	Fig.48
28	743	27610	10	1	49	Fig.49	Fig.50	Fig.51
28	743	27610	10	50	0	Fig.52	Fig.53	Fig.54
28	710.5	27285	15	1	74	Fig.55	Fig.56	Fig.57
28	710.5	27285	15	75	0	Fig.58	Fig.59	Fig.60
28	725.5	27435	15	1	74	Fig.61	Fig.62	Fig.63
28	725.5	27435	15	75	0	Fig.64	Fig.65	Fig.66
28	740.5	27585	15	1	74	Fig.67	Fig.68	Fig.69
28	740.5	27585	15	75	0	Fig.70	Fig.71	Fig.72
28	713	27310	20	1	99	Fig.73	Fig.74	Fig.75
28	713	27310	20	100	0	Fig.76	Fig.77	Fig.78
28	728	27460	20	1	99	Fig.79	Fig.80	Fig.81
28	728	27460	20	100	0	Fig.82	Fig.83	Fig.84
28	738	27560	20	1	99	Fig.85	Fig.86	Fig.87
28	738	27560	20	100	0	Fig.88	Fig.89	Fig.90

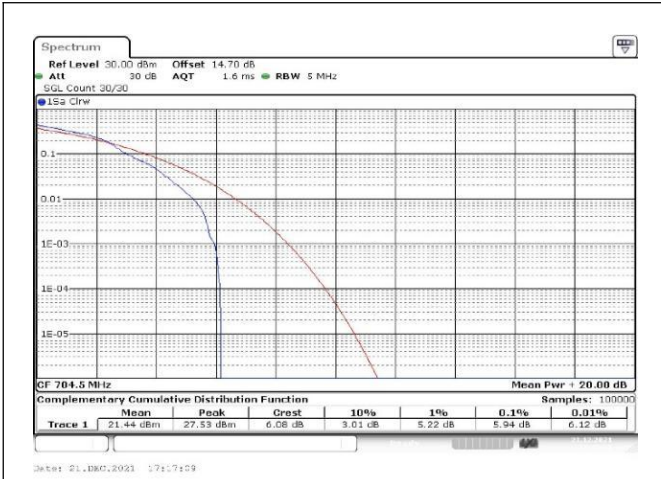


Fig.1

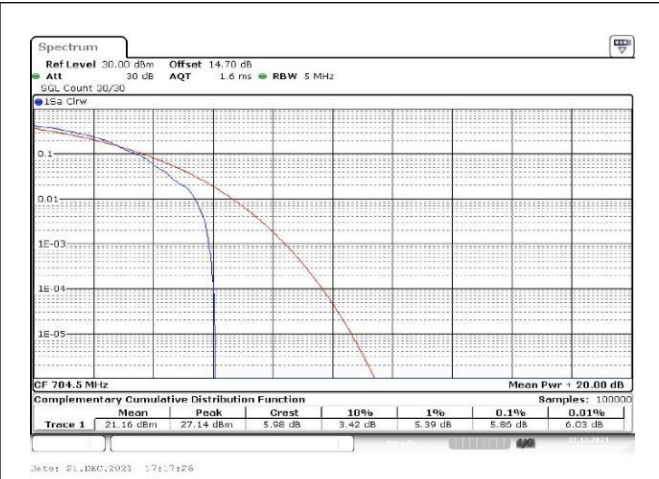


Fig.2

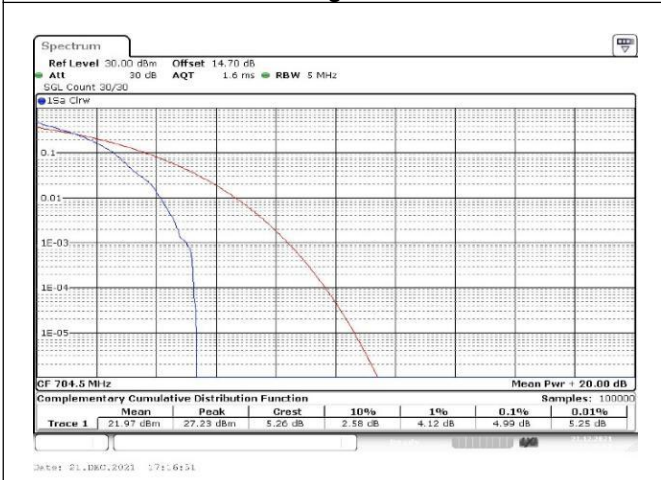


Fig.3

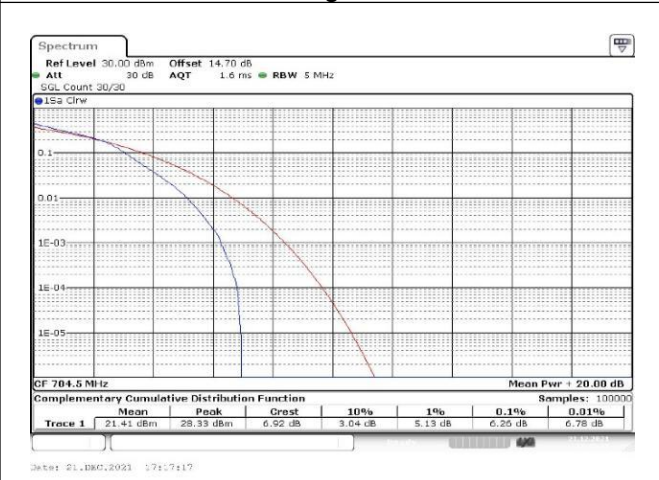


Fig.4

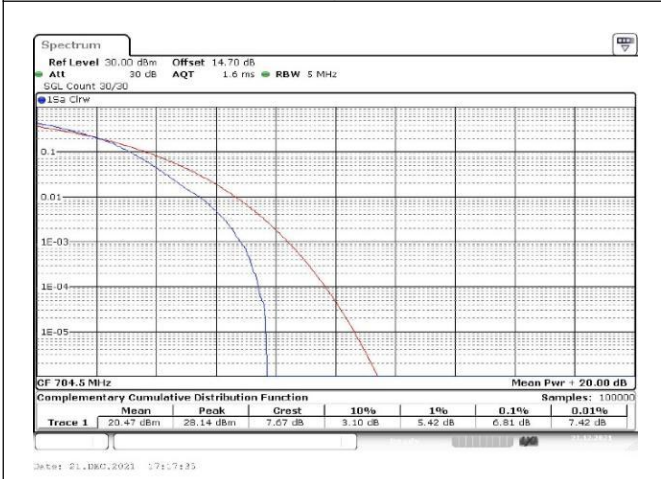


Fig.5

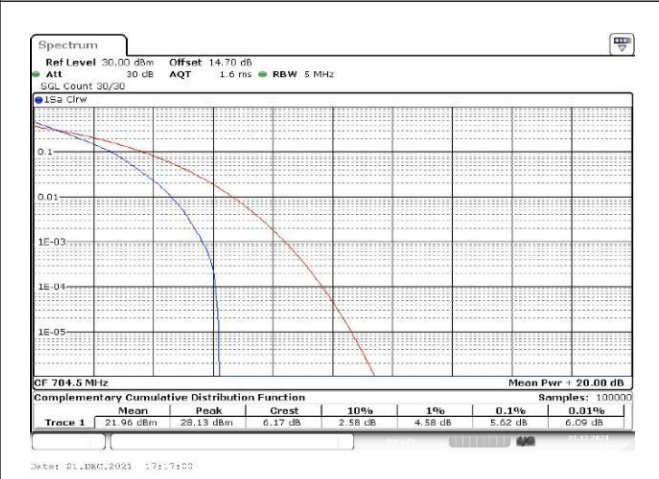


Fig.6





Fig.7

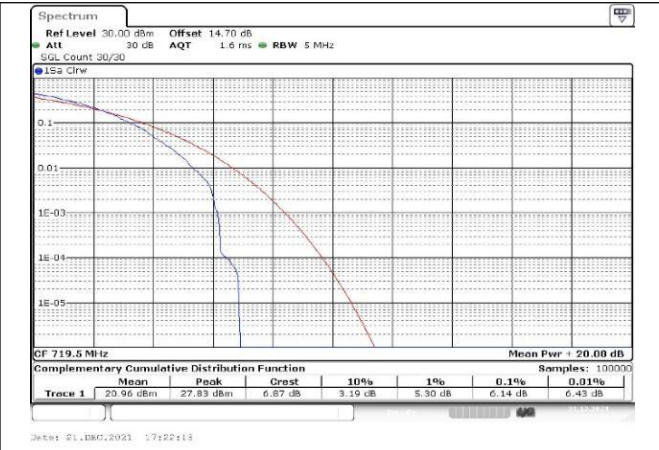


Fig.8

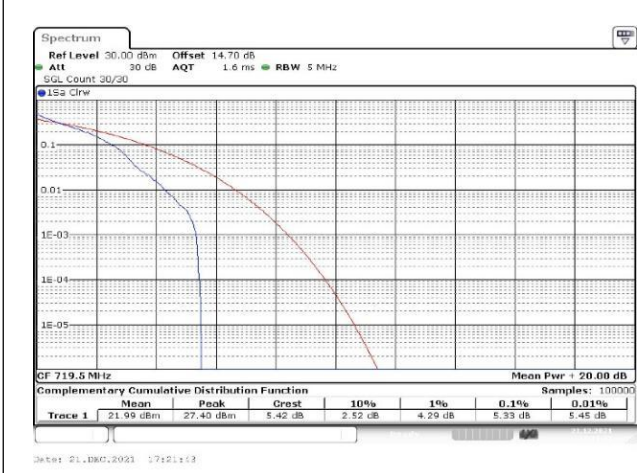


Fig.9

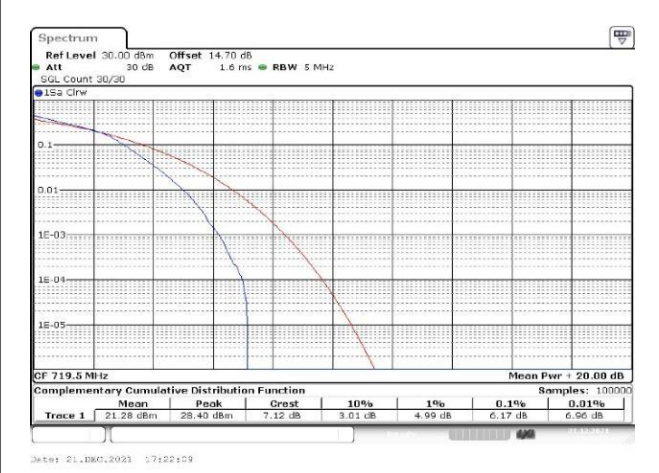


Fig.10

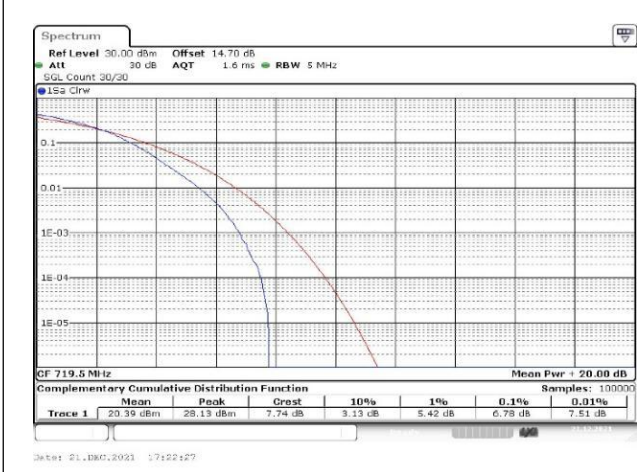


Fig.11

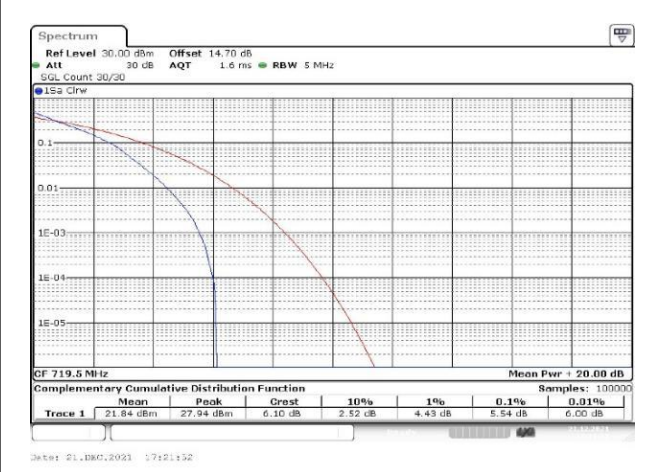


Fig.12

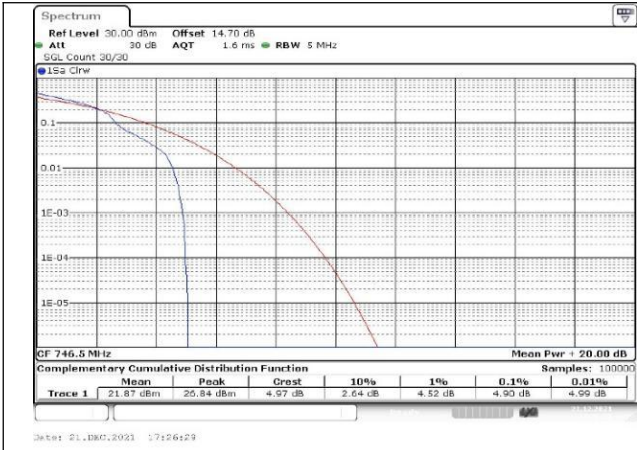


Fig.13

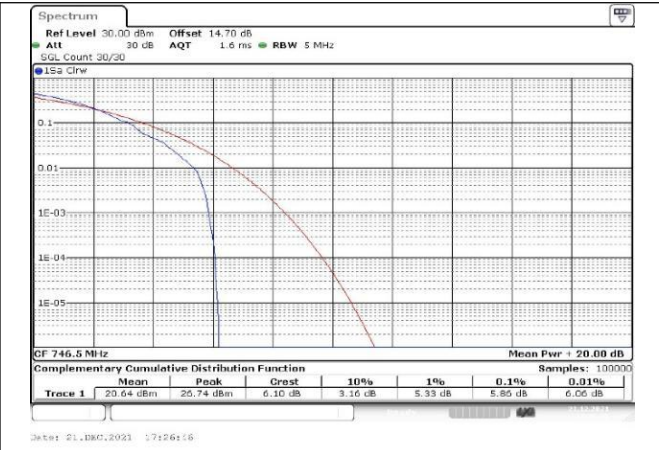


Fig.14

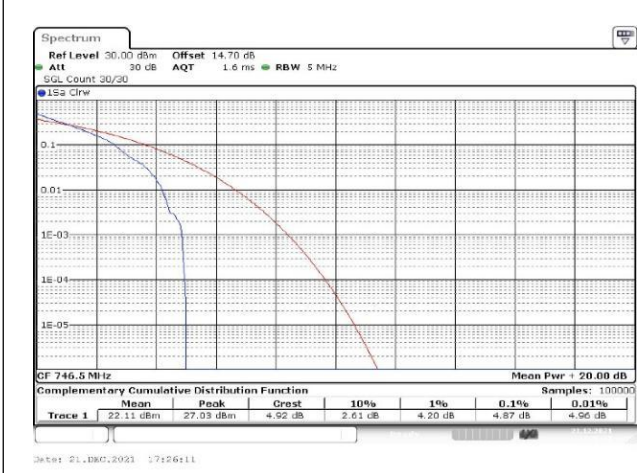


Fig.15

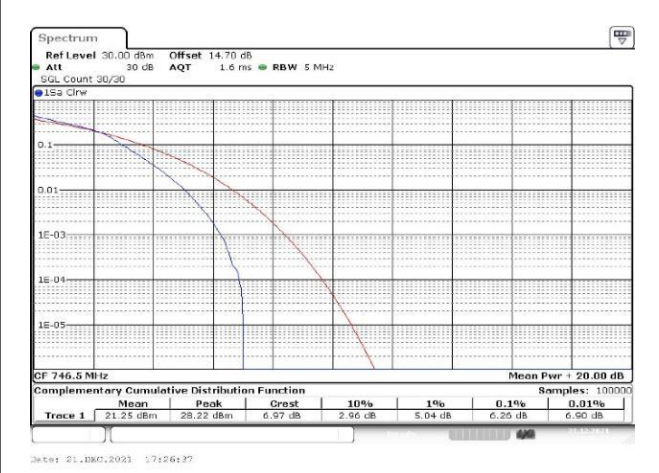


Fig.16

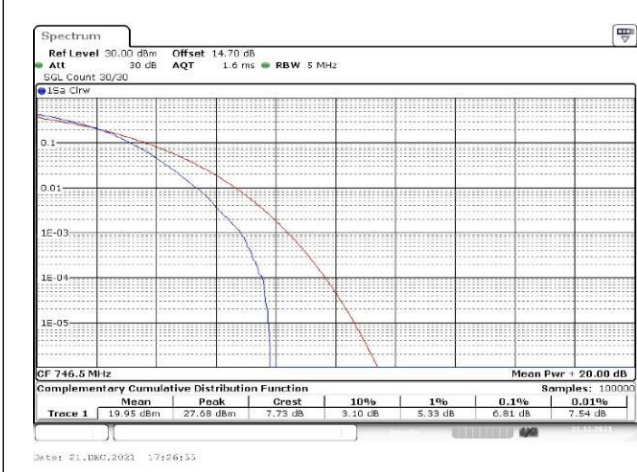


Fig.17

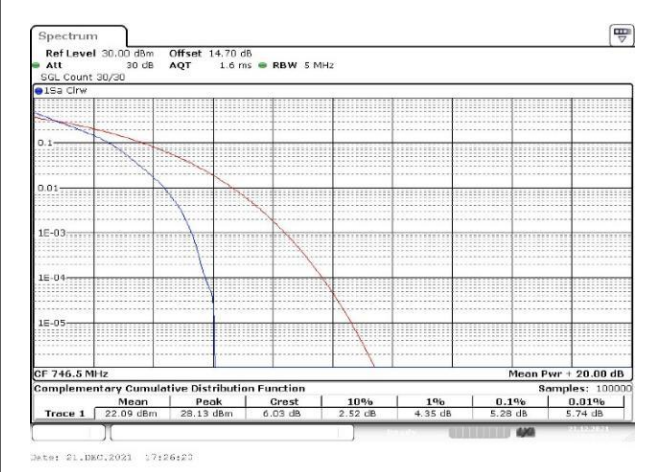


Fig.18