

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	23.57
16QAM	704.5	27225	3	1	8	23.61
16QAM	704.5	27225	3	1	14	23.62
16QAM	704.5	27225	3	8	0	21.83
16QAM	704.5	27225	3	8	4	21.91
16QAM	704.5	27225	3	8	7	21.79
16QAM	704.5	27225	3	15	0	21.86
16QAM	719.5	27375	3	1	0	23.17
16QAM	719.5	27375	3	1	8	23.63
16QAM	719.5	27375	3	1	14	23.55
16QAM	719.5	27375	3	8	0	21.84
16QAM	719.5	27375	3	8	4	21.94
16QAM	719.5	27375	3	8	7	21.88
16QAM	719.5	27375	3	15	0	21.82
16QAM	746.5	27645	3	1	0	23.03
16QAM	746.5	27645	3	1	8	23.01
16QAM	746.5	27645	3	1	14	23.07
16QAM	746.5	27645	3	8	0	22.11
16QAM	746.5	27645	3	8	4	22.07
16QAM	746.5	27645	3	8	7	21.93
16QAM	746.5	27645	3	15	0	21.82
64QAM	704.5	27225	3	1	0	22.45
64QAM	704.5	27225	3	1	8	22.28
64QAM	704.5	27225	3	1	14	22.20
64QAM	704.5	27225	3	8	0	20.71
64QAM	704.5	27225	3	8	4	20.67
64QAM	704.5	27225	3	8	7	20.59
64QAM	704.5	27225	3	15	0	20.71
64QAM	719.5	27375	3	1	0	21.51
64QAM	719.5	27375	3	1	8	21.77
64QAM	719.5	27375	3	1	14	21.61
64QAM	719.5	27375	3	8	0	20.81
64QAM	719.5	27375	3	8	4	20.97
64QAM	719.5	27375	3	8	7	20.82
64QAM	719.5	27375	3	15	0	21.01
64QAM	746.5	27645	3	1	0	22.52
64QAM	746.5	27645	3	1	8	22.51
64QAM	746.5	27645	3	1	14	23.16
64QAM	746.5	27645	3	8	0	21.15
64QAM	746.5	27645	3	8	4	20.87
64QAM	746.5	27645	3	8	7	20.67
64QAM	746.5	27645	3	15	0	21.08

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	704.5	27225	3	1	0	23.29
QPSK	704.5	27225	3	1	8	23.27
QPSK	704.5	27225	3	1	14	23.33
QPSK	704.5	27225	3	8	0	22.76
QPSK	704.5	27225	3	8	4	22.84
QPSK	704.5	27225	3	8	7	22.90
QPSK	704.5	27225	3	15	0	22.88
QPSK	719.5	27375	3	1	0	23.34
QPSK	719.5	27375	3	1	8	23.51
QPSK	719.5	27375	3	1	14	23.52
QPSK	719.5	27375	3	8	0	22.77
QPSK	719.5	27375	3	8	4	22.90
QPSK	719.5	27375	3	8	7	22.94
QPSK	719.5	27375	3	15	0	22.89
QPSK	746.5	27645	3	1	0	23.51
QPSK	746.5	27645	3	1	8	23.47
QPSK	746.5	27645	3	1	14	23.47
QPSK	746.5	27645	3	8	0	22.77
QPSK	746.5	27645	3	8	4	22.77
QPSK	746.5	27645	3	8	7	22.95
QPSK	746.5	27645	3	15	0	22.78

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	705.5	27235	5	1	0	22.20
16QAM	705.5	27235	5	1	12	22.24
16QAM	705.5	27235	5	1	24	22.24
16QAM	705.5	27235	5	12	0	21.76
16QAM	705.5	27235	5	12	7	21.68
16QAM	705.5	27235	5	12	13	21.76
16QAM	705.5	27235	5	25	0	21.81
16QAM	720.5	27385	5	1	0	23.40
16QAM	720.5	27385	5	1	12	23.55
16QAM	720.5	27385	5	1	24	23.59
16QAM	720.5	27385	5	12	0	21.87
16QAM	720.5	27385	5	12	7	20.82
16QAM	720.5	27385	5	12	13	20.90
16QAM	720.5	27385	5	25	0	21.98
16QAM	745.5	27635	5	1	0	23.26
16QAM	745.5	27635	5	1	12	23.12
16QAM	745.5	27635	5	1	24	23.02
16QAM	745.5	27635	5	12	0	21.73
16QAM	745.5	27635	5	12	7	21.86
16QAM	745.5	27635	5	12	13	21.62
16QAM	745.5	27635	5	25	0	22.00
64QAM	705.5	27235	5	1	0	21.38
64QAM	705.5	27235	5	1	12	21.19
64QAM	705.5	27235	5	1	24	21.72
64QAM	705.5	27235	5	12	0	20.80
64QAM	705.5	27235	5	12	7	20.56
64QAM	705.5	27235	5	12	13	20.77
64QAM	705.5	27235	5	25	0	20.65
64QAM	720.5	27385	5	1	0	21.97
64QAM	720.5	27385	5	1	12	22.11
64QAM	720.5	27385	5	1	24	22.16
64QAM	720.5	27385	5	12	0	20.74
64QAM	720.5	27385	5	12	7	19.78
64QAM	720.5	27385	5	12	13	20.75
64QAM	720.5	27385	5	25	0	21.00
64QAM	745.5	27635	5	1	0	21.94
64QAM	745.5	27635	5	1	12	21.66
64QAM	745.5	27635	5	1	24	21.77
64QAM	745.5	27635	5	12	0	21.19
64QAM	745.5	27635	5	12	7	21.28
64QAM	745.5	27635	5	12	13	20.78
64QAM	745.5	27635	5	25	0	21.49

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	23.34
QPSK	705.5	27235	5	1	24	23.33
QPSK	705.5	27235	5	12	0	22.79
QPSK	705.5	27235	5	12	7	22.73
QPSK	705.5	27235	5	12	13	22.80
QPSK	705.5	27235	5	25	0	22.83
QPSK	720.5	27385	5	1	0	23.15
QPSK	720.5	27385	5	1	12	23.35
QPSK	720.5	27385	5	1	24	23.25
QPSK	720.5	27385	5	12	0	22.98
QPSK	720.5	27385	5	12	7	22.94
QPSK	720.5	27385	5	12	13	20.84
QPSK	720.5	27385	5	25	0	20.73
QPSK	745.5	27635	5	1	0	23.55
QPSK	745.5	27635	5	1	12	23.56
QPSK	745.5	27635	5	1	24	23.44
QPSK	745.5	27635	5	12	0	22.90
QPSK	745.5	27635	5	12	7	22.85
QPSK	745.5	27635	5	12	13	22.85
QPSK	745.5	27635	5	25	0	22.85

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	708	27260	10	1	0	22.73
16QAM	708	27260	10	1	25	22.65
16QAM	708	27260	10	1	49	22.71
16QAM	708	27260	10	25	0	21.65
16QAM	708	27410	10	1	0	21.45
16QAM	708	27410	10	1	25	21.38
16QAM	708	27410	10	1	49	22.04
16QAM	723	27410	10	25	0	20.01
16QAM	723	27410	10	25	12	21.89
16QAM	723	27410	10	25	25	21.99
16QAM	723	27410	10	50	0	21.97
16QAM	723	27610	10	1	0	21.73
16QAM	723	27610	10	1	25	21.06
16QAM	723	27610	10	1	49	20.86
16QAM	743	27610	10	25	0	20.48
16QAM	743	27610	10	25	12	22.09
16QAM	743	27610	10	25	25	21.98
16QAM	743	27610	10	50	0	22.04
16QAM	743	27260	10	25	12	22.12
16QAM	743	27260	10	25	25	22.21
16QAM	743	27260	10	50	0	22.17
64QAM	708	27410	10	1	0	21.36
64QAM	708	27410	10	1	25	21.45
64QAM	708	27410	10	1	49	21.48
64QAM	708	27410	10	25	0	19.02
64QAM	708	27410	10	25	12	20.85
64QAM	708	27410	10	25	25	21.12
64QAM	708	27410	10	50	0	20.74
64QAM	723	27610	10	1	0	22.41
64QAM	723	27610	10	1	25	22.44
64QAM	723	27610	10	1	49	22.30
64QAM	723	27610	10	25	0	20.89
64QAM	723	27610	10	25	12	19.93
64QAM	723	27610	10	25	25	21.42
64QAM	723	27610	10	50	0	21.02
64QAM	743	27260	10	1	0	22.36
64QAM	743	27260	10	1	25	22.91
64QAM	743	27260	10	1	49	22.34
64QAM	743	27260	10	25	0	20.48
64QAM	743	27260	10	25	12	21.10
64QAM	743	27260	10	25	25	21.21
64QAM	743	27260	10	50	0	21.30

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	708	27260	10	1	0	23.13
QPSK	708	27260	10	1	25	23.23
QPSK	708	27260	10	1	49	23.24
QPSK	708	27260	10	25	0	22.77
QPSK	708	27260	10	25	12	22.52
QPSK	708	27260	10	25	25	22.64
QPSK	708	27260	10	50	0	22.71
QPSK	723	27410	10	1	0	23.28
QPSK	723	27410	10	1	25	23.44
QPSK	723	27410	10	1	49	23.50
QPSK	723	27410	10	25	0	22.91
QPSK	723	27410	10	25	12	20.75
QPSK	723	27410	10	25	25	20.98
QPSK	723	27410	10	50	0	20.65
QPSK	743	27610	10	1	0	23.44
QPSK	743	27610	10	1	25	23.60
QPSK	743	27610	10	1	49	23.47
QPSK	743	27610	10	25	0	22.85
QPSK	743	27610	10	25	12	20.87
QPSK	743	27610	10	25	25	21.40
QPSK	743	27610	10	50	0	21.11

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	710.5	27285	15	1	0	22.79
16QAM	710.5	27285	15	1	37	23.48
16QAM	710.5	27285	15	1	74	23.67
16QAM	710.5	27285	15	36	0	22.24
16QAM	710.5	27285	15	36	29	21.78
16QAM	710.5	27285	15	36	30	21.51
16QAM	710.5	27285	15	75	0	20.73
16QAM	725.5	27435	15	1	0	21.22
16QAM	725.5	27435	15	1	37	23.27
16QAM	725.5	27435	15	1	74	23.23
16QAM	725.5	27435	15	36	0	21.97
16QAM	725.5	27435	15	36	29	21.93
16QAM	725.5	27435	15	36	30	21.93
16QAM	725.5	27435	15	75	0	20.57
16QAM	740.5	27585	15	1	0	23.19
16QAM	740.5	27585	15	1	37	23.18
16QAM	740.5	27585	15	1	74	23.17
16QAM	740.5	27585	15	36	0	22.48
16QAM	740.5	27585	15	36	29	21.42
16QAM	740.5	27585	15	36	30	22.05
16QAM	740.5	27585	15	75	0	21.73
64QAM	710.5	27285	15	1	0	22.17
64QAM	710.5	27285	15	1	37	22.73
64QAM	710.5	27285	15	1	74	22.38
64QAM	710.5	27285	15	36	0	21.23
64QAM	710.5	27285	15	36	29	21.24
64QAM	710.5	27285	15	36	30	21.25
64QAM	710.5	27285	15	75	0	21.27
64QAM	725.5	27435	15	1	0	21.43
64QAM	725.5	27435	15	1	37	21.53
64QAM	725.5	27435	15	1	74	21.53
64QAM	725.5	27435	15	36	0	21.08
64QAM	725.5	27435	15	36	29	21.62
64QAM	725.5	27435	15	36	30	21.53
64QAM	725.5	27435	15	75	0	21.08
64QAM	740.5	27585	15	1	0	23.16
64QAM	740.5	27585	15	1	37	23.04
64QAM	740.5	27585	15	1	74	23.06
64QAM	740.5	27585	15	36	0	21.48
64QAM	740.5	27585	15	36	29	20.82
64QAM	740.5	27585	15	36	30	20.90
64QAM	740.5	27585	15	75	0	20.95

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	710.5	27285	15	1	0	23.24
QPSK	710.5	27285	15	1	37	23.27
QPSK	710.5	27285	15	1	74	23.49
QPSK	710.5	27285	15	36	0	22.73
QPSK	710.5	27285	15	36	29	22.71
QPSK	710.5	27285	15	36	30	22.70
QPSK	710.5	27285	15	75	0	21.31
QPSK	725.5	27435	15	1	0	23.39
QPSK	725.5	27435	15	1	37	23.70
QPSK	725.5	27435	15	1	74	23.60
QPSK	725.5	27435	15	36	0	22.88
QPSK	725.5	27435	15	36	29	21.54
QPSK	725.5	27435	15	36	30	21.40
QPSK	725.5	27435	15	75	0	21.15
QPSK	740.5	27585	15	1	0	23.27
QPSK	740.5	27585	15	1	37	23.24
QPSK	740.5	27585	15	1	74	23.31
QPSK	740.5	27585	15	36	0	22.96
QPSK	740.5	27585	15	36	29	22.97
QPSK	740.5	27585	15	36	30	20.80
QPSK	740.5	27585	15	75	0	20.86

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	713	27310	20	1	0	21.09
16QAM	713	27310	20	1	49	21.81
16QAM	713	27310	20	1	99	21.23
16QAM	713	27310	20	50	0	21.73
16QAM	713	27310	20	50	24	21.48
16QAM	713	27310	20	50	50	21.50
16QAM	713	27310	20	100	0	21.60
16QAM	728	27460	20	1	0	22.89
16QAM	728	27460	20	1	49	22.88
16QAM	728	27460	20	1	99	22.98
16QAM	728	27460	20	50	0	22.47
16QAM	728	27460	20	50	24	21.24
16QAM	728	27460	20	50	50	20.84
16QAM	728	27460	20	100	0	21.89
16QAM	738	27560	20	1	0	23.44
16QAM	738	27560	20	1	49	23.62
16QAM	738	27560	20	1	99	23.38
16QAM	738	27560	20	50	0	21.87
16QAM	738	27560	20	50	24	22.51
16QAM	738	27560	20	50	50	21.63
16QAM	738	27560	20	100	0	21.50
64QAM	713	27310	20	1	0	21.40
64QAM	713	27310	20	1	49	21.59
64QAM	713	27310	20	1	99	22.58
64QAM	713	27310	20	50	0	20.73
64QAM	713	27310	20	50	24	20.41
64QAM	713	27310	20	50	50	20.88
64QAM	713	27310	20	100	0	21.27
64QAM	728	27460	20	1	0	22.17
64QAM	728	27460	20	1	49	22.21
64QAM	728	27460	20	1	99	22.75
64QAM	728	27460	20	50	0	21.43
64QAM	728	27460	20	50	24	21.29
64QAM	728	27460	20	50	50	21.43
64QAM	728	27460	20	100	0	21.41
64QAM	738	27560	20	1	0	23.99
64QAM	738	27560	20	1	49	24.03
64QAM	738	27560	20	1	99	23.30
64QAM	738	27560	20	50	0	21.44
64QAM	738	27560	20	50	24	21.53
64QAM	738	27560	20	50	50	20.46
64QAM	738	27560	20	100	0	21.51

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	713	27310	20	1	0	23.19
QPSK	713	27310	20	1	49	23.00
QPSK	713	27310	20	1	99	23.40
QPSK	713	27310	20	50	0	22.52
QPSK	713	27310	20	50	24	22.62
QPSK	713	27310	20	50	50	20.86
QPSK	713	27310	20	100	0	21.14
QPSK	728	27460	20	1	0	21.35
QPSK	728	27460	20	1	49	23.48
QPSK	728	27460	20	1	99	23.50
QPSK	728	27460	20	50	0	22.87
QPSK	728	27460	20	50	24	22.93
QPSK	728	27460	20	50	50	22.99
QPSK	728	27460	20	100	0	21.38
QPSK	738	27560	20	1	0	23.33
QPSK	738	27560	20	1	49	23.25
QPSK	738	27560	20	1	99	23.27
QPSK	738	27560	20	50	0	23.02
QPSK	738	27560	20	50	24	22.99
QPSK	738	27560	20	50	50	20.89
QPSK	738	27560	20	100	0	21.46

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	2.683	Fig.1
Band 28	QPSK	719.5	27375	3	15	0	2.696	Fig.2
Band 28	QPSK	746.5	27645	3	15	0	2.696	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	13.480	Fig.12
Band 28	QPSK	713	27310	20	100	0	17.887	Fig.13
Band 28	QPSK	728	27460	20	100	0	17.887	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	2.696	Fig.16
Band 28	16QAM	719.5	27375	3	15	0	2.683	Fig.17
Band 28	16QAM	746.5	27645	3	15	0	2.696	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	8.900	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	13.480	Fig.27
Band 28	16QAM	713	27310	20	100	0	17.887	Fig.28
Band 28	16QAM	728	27460	20	100	0	17.887	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	2.696	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	4.493	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	8.944	Fig.37
Band 28	64QAM	723	27410	10	50	0	8.900	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	13.480	Fig.42
Band 28	64QAM	713	27310	20	100	0	17.887	Fig.43
Band 28	64QAM	728	27460	20	100	0	17.887	Fig.44
Band 28	64QAM	738	27560	20	100	0	17.887	Fig.45

Test Mode: QPSK

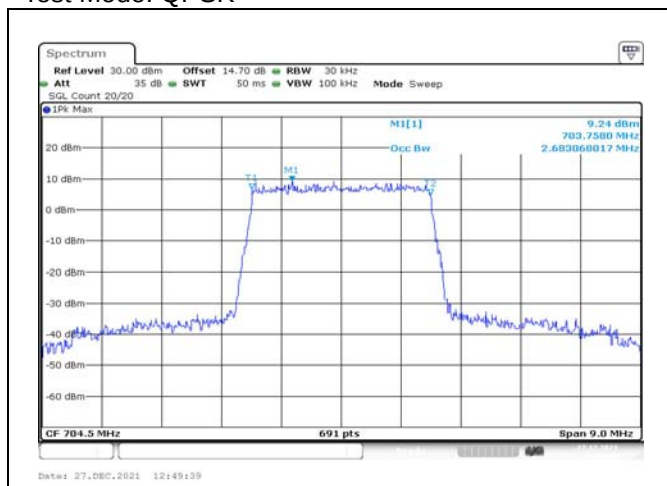


Fig.1

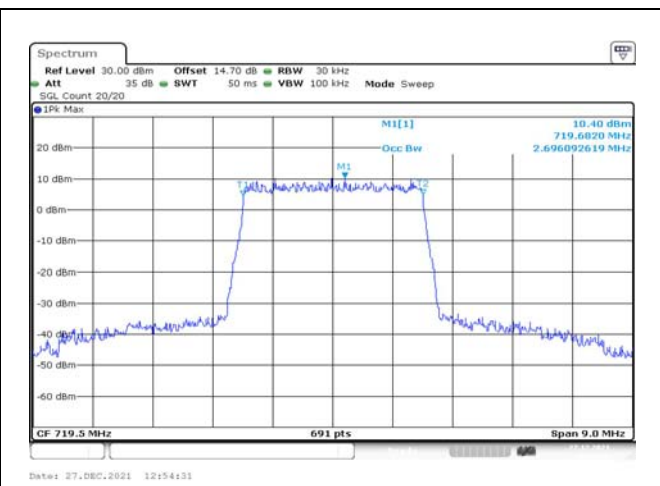


Fig.2

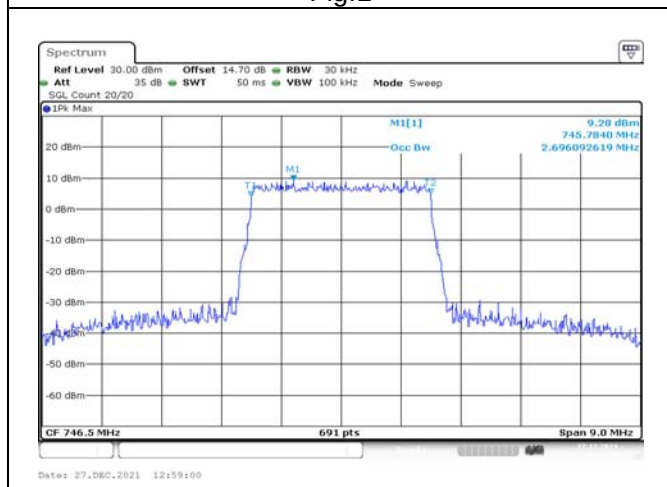


Fig.3

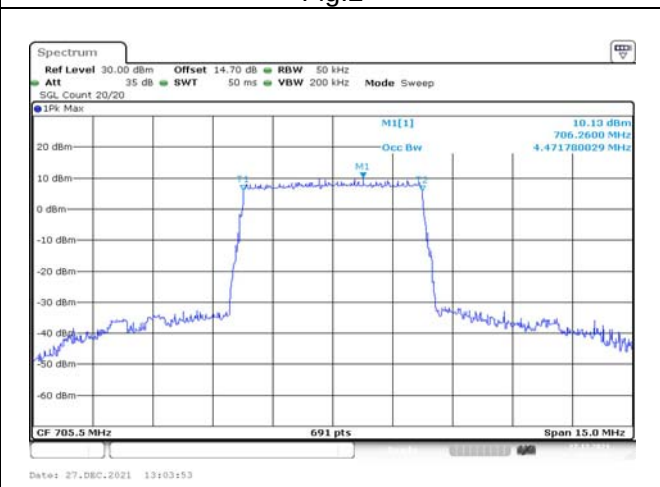
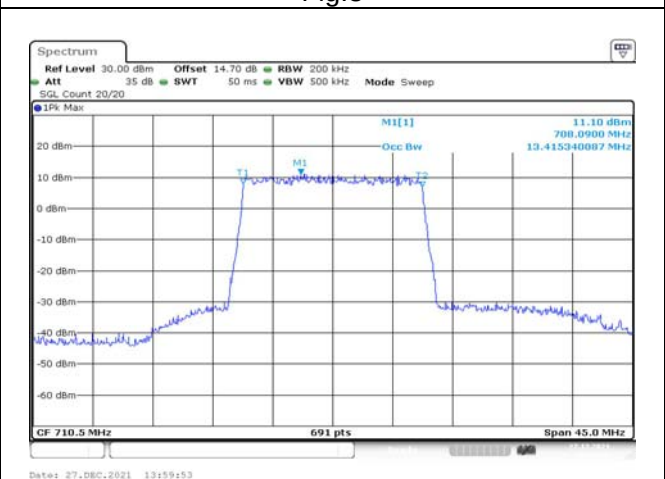
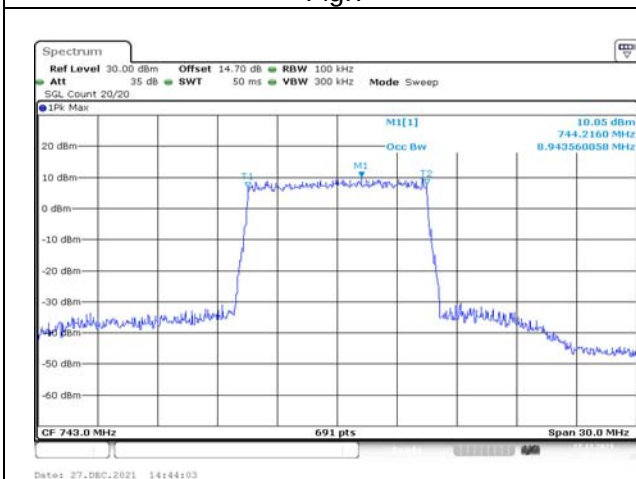
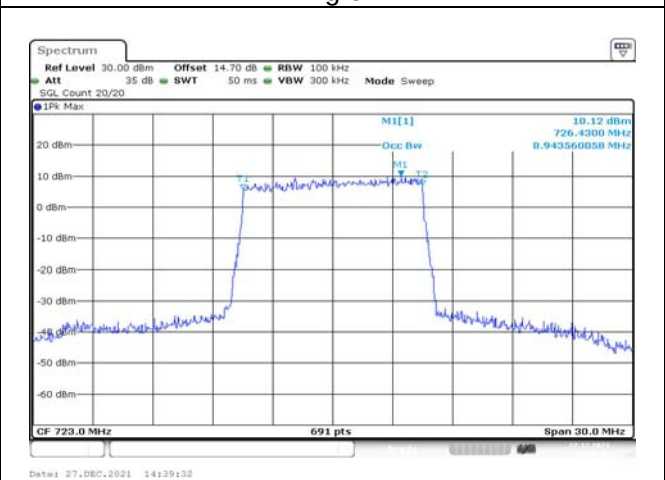
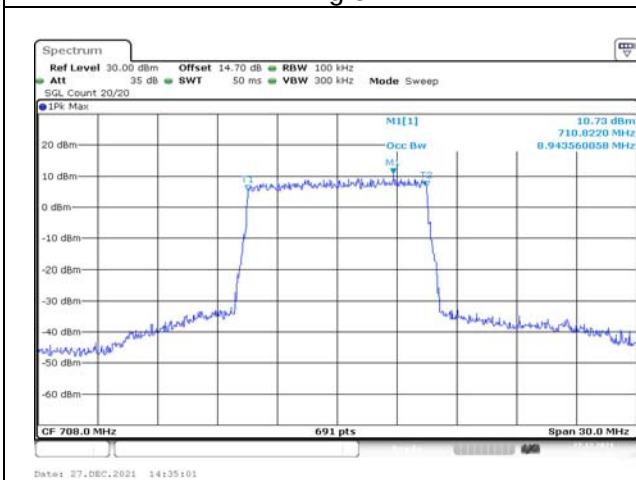
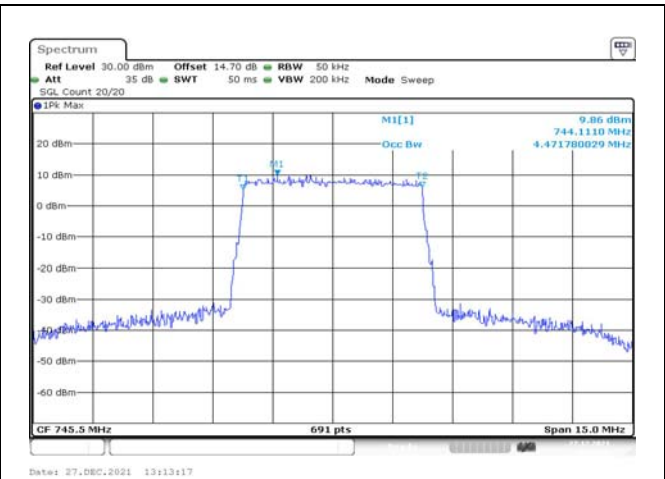
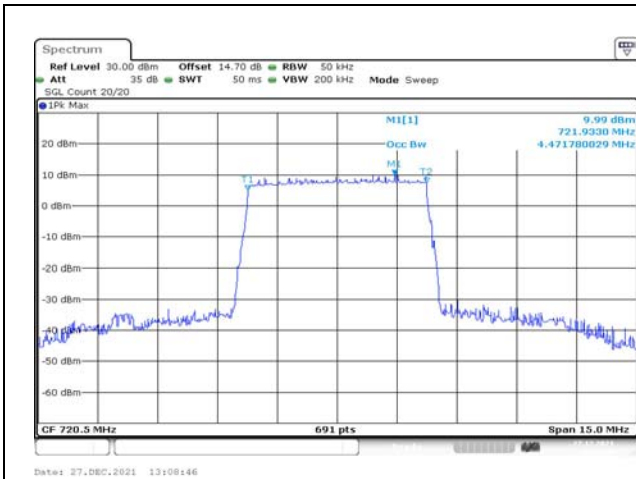
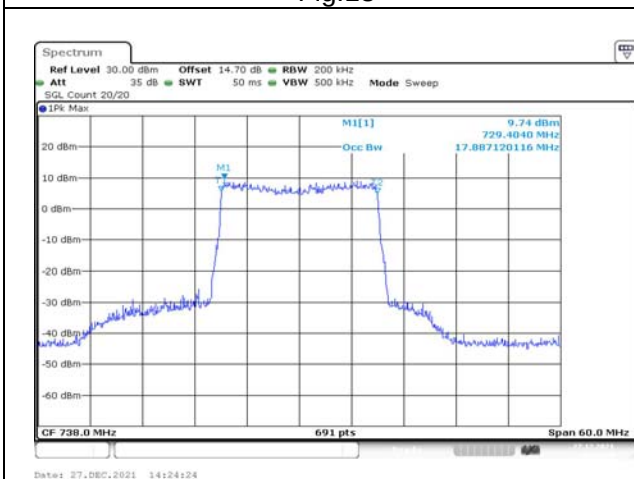
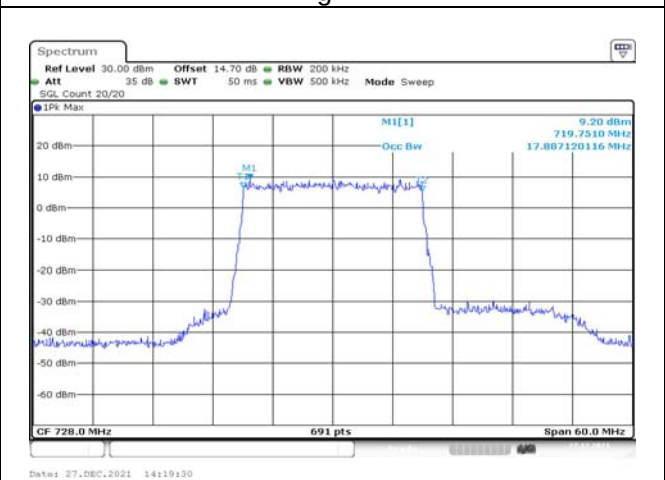
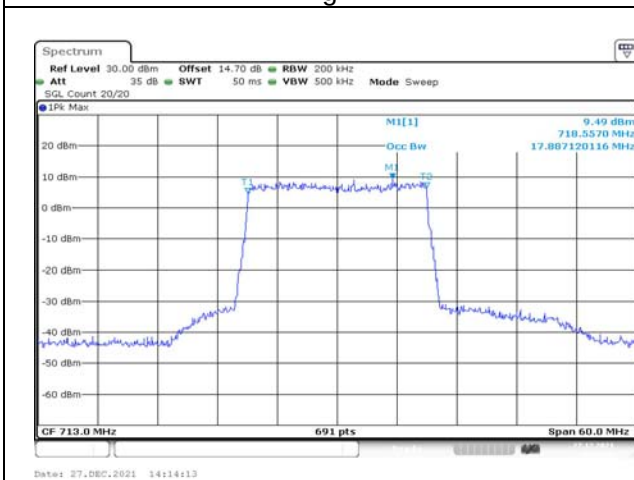
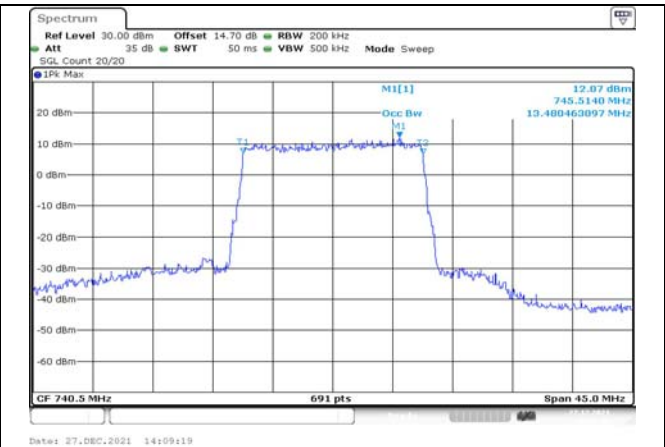
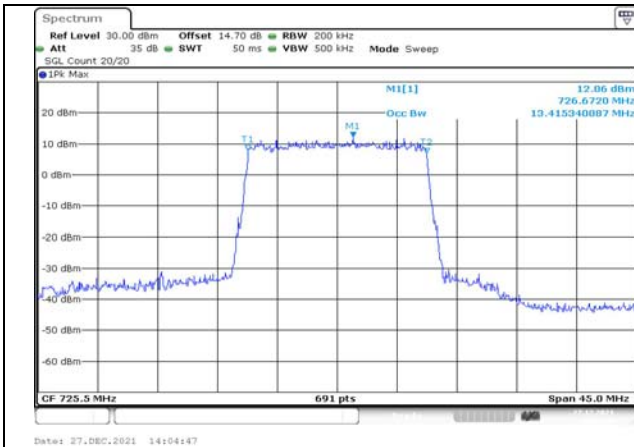


Fig.4





Test Mode: 16QAM

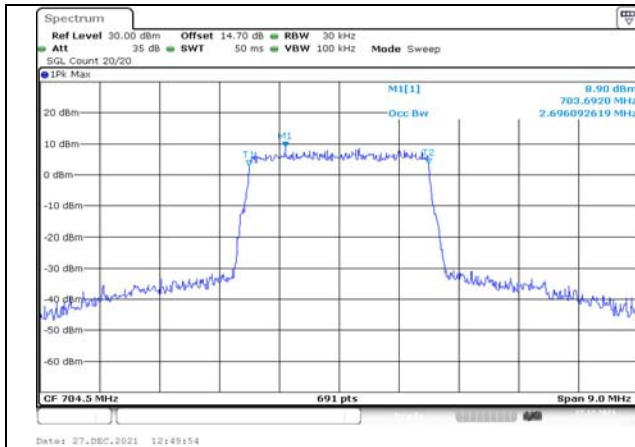


Fig.16

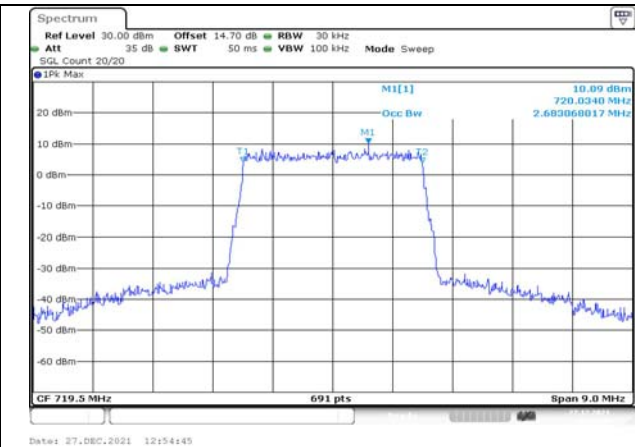


Fig.17

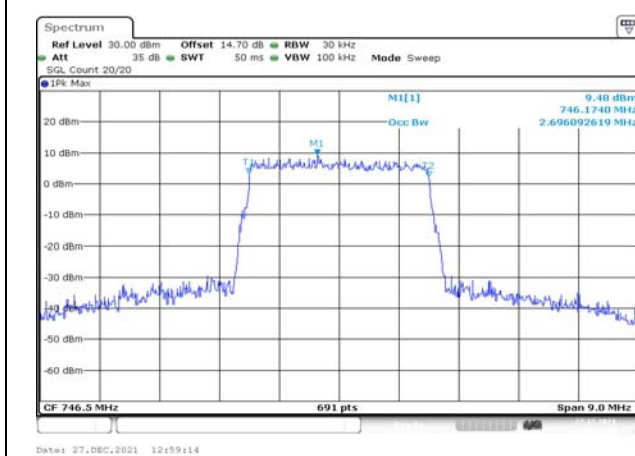


Fig.18

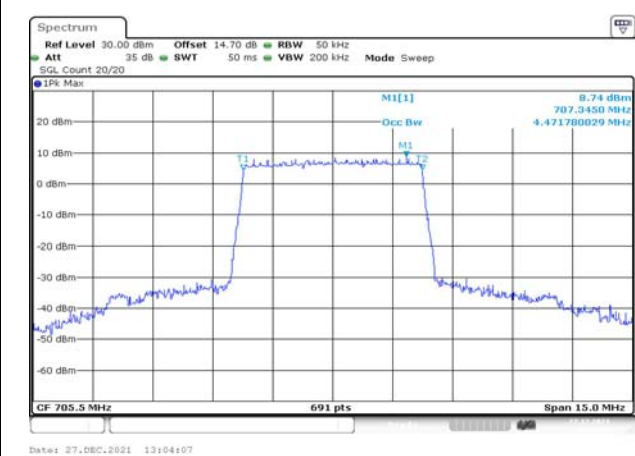


Fig.19

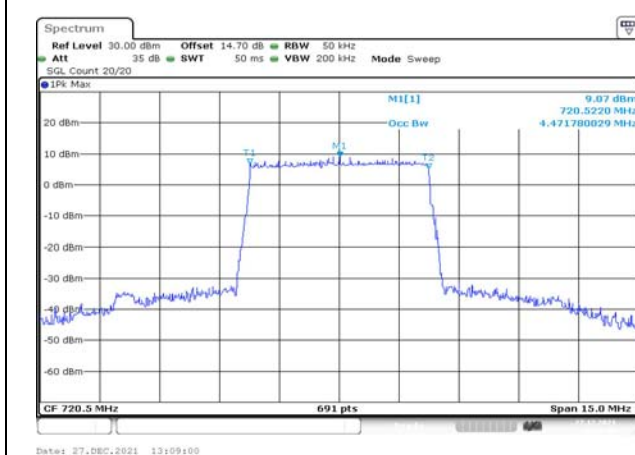


Fig.20

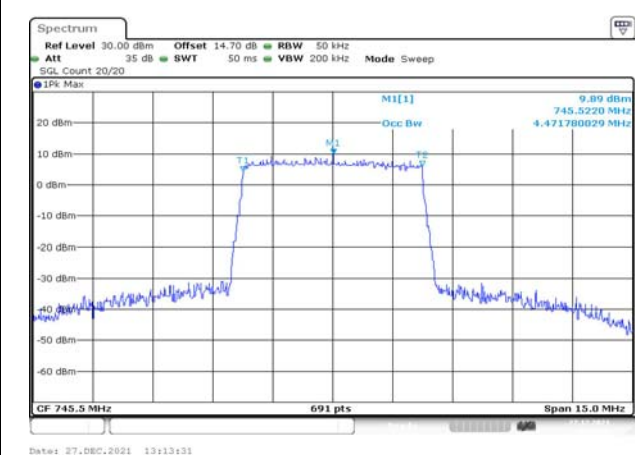


Fig.21

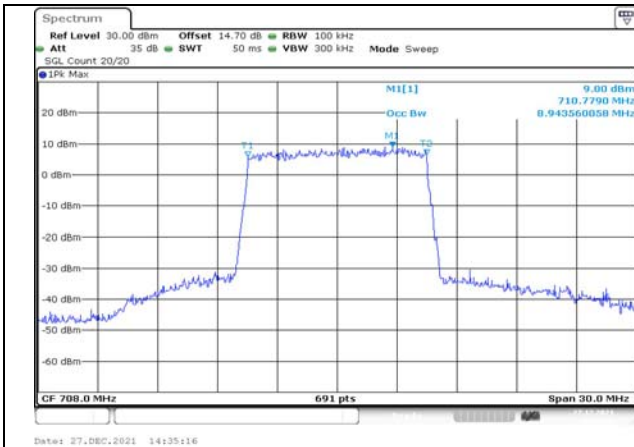


Fig.22

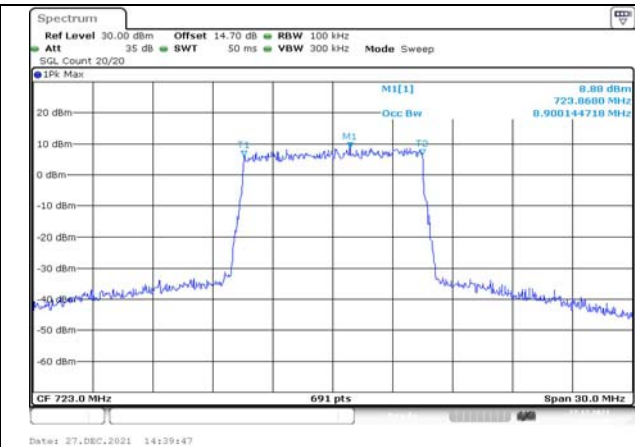


Fig.23

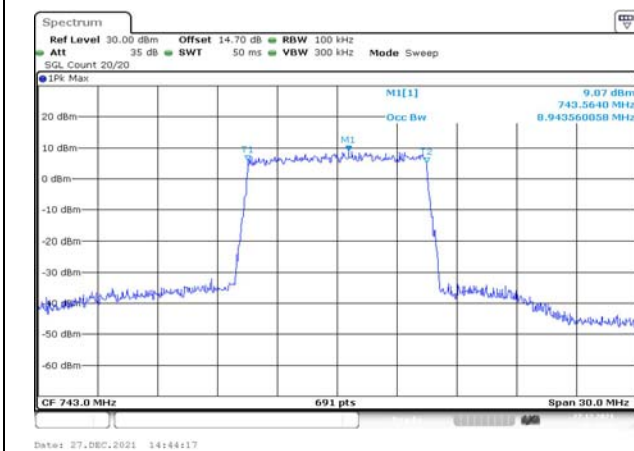


Fig.24

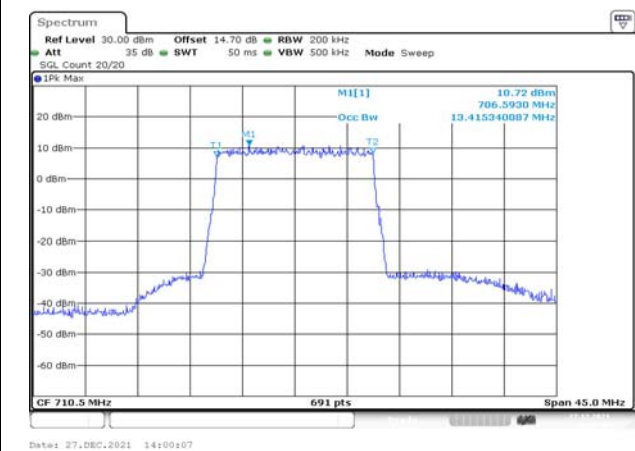


Fig.25

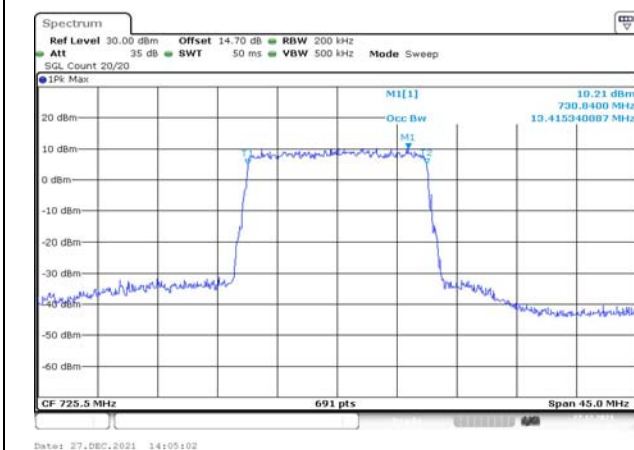


Fig.26

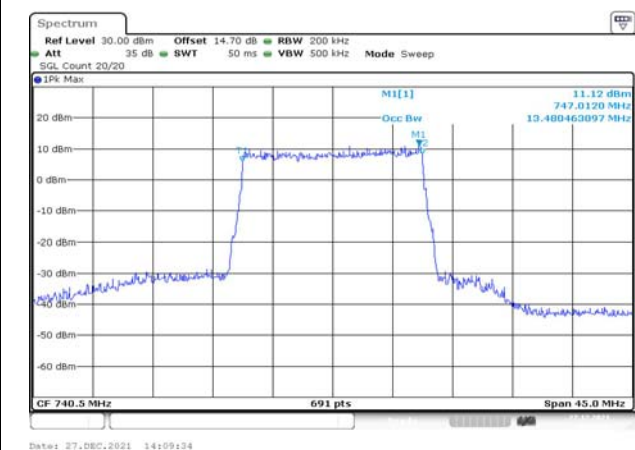


Fig.27

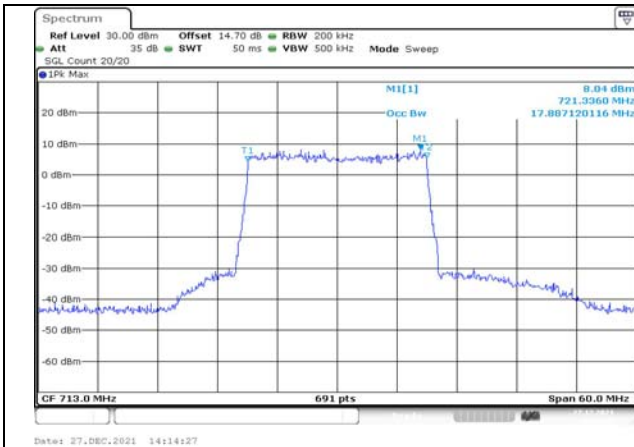


Fig.28

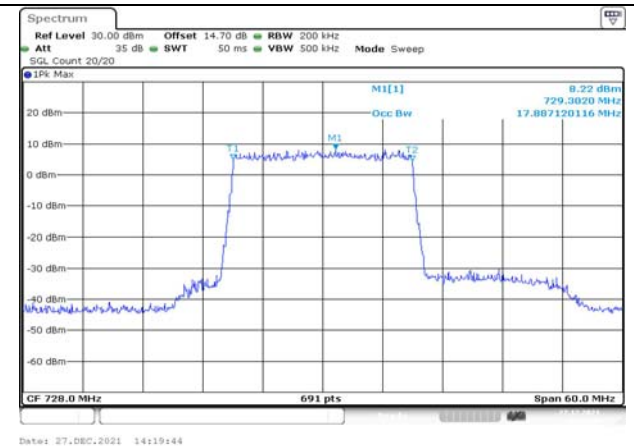


Fig.29

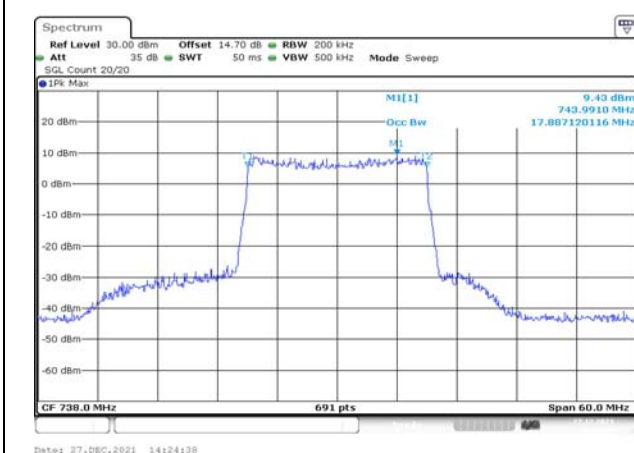


Fig.30

Test Mode: 64QAM

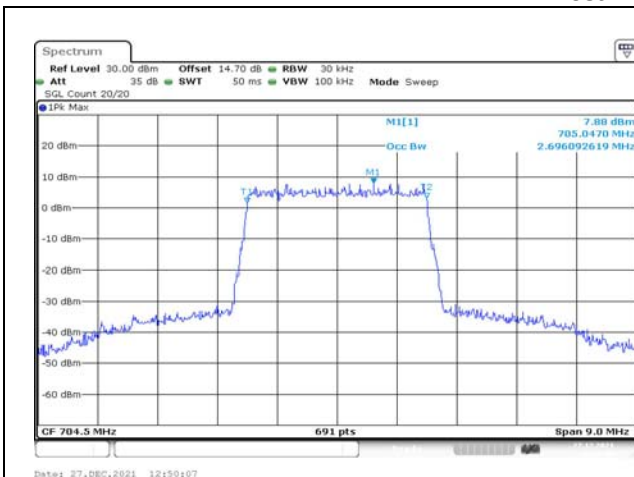


Fig.31

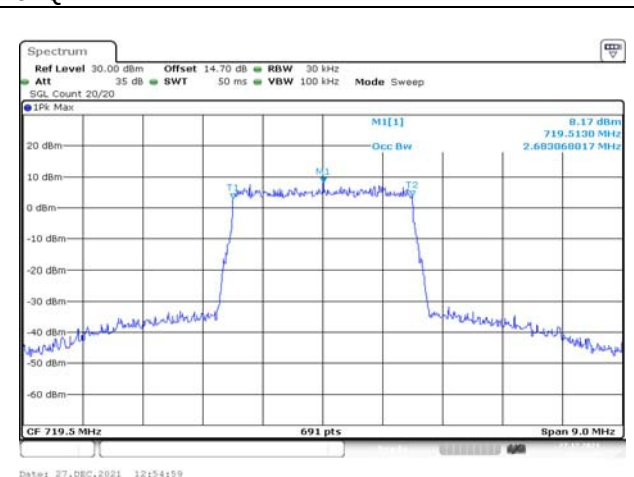


Fig.32

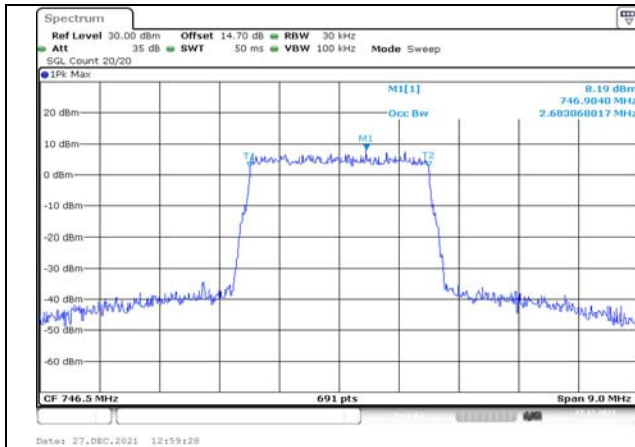


Fig.33

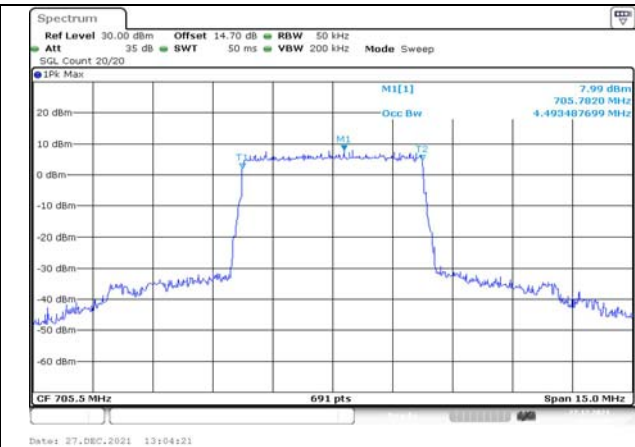


Fig.34

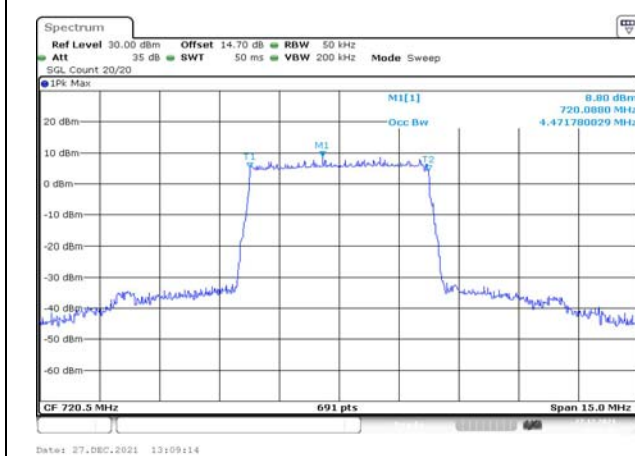


Fig.35

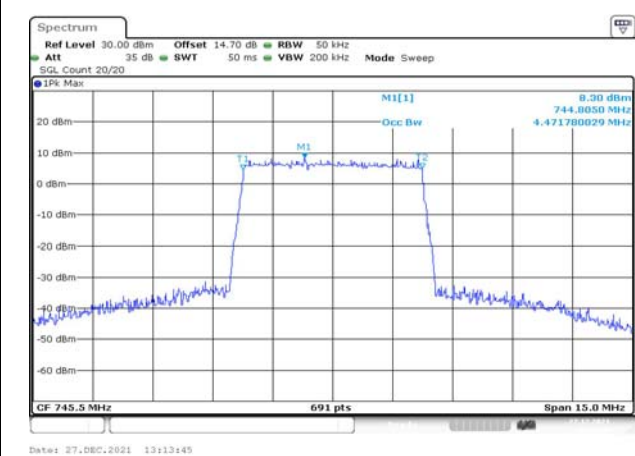


Fig.36

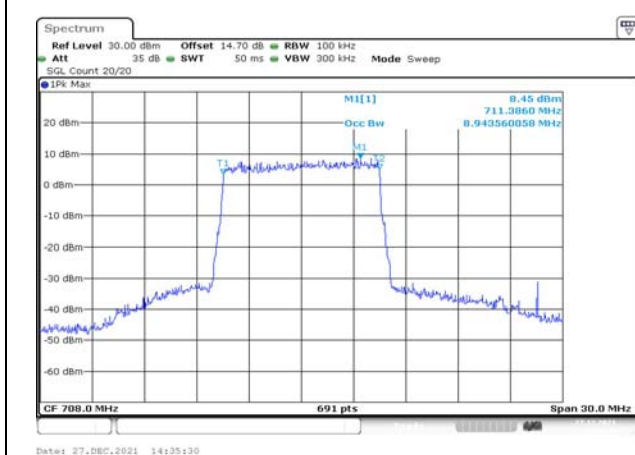


Fig.37

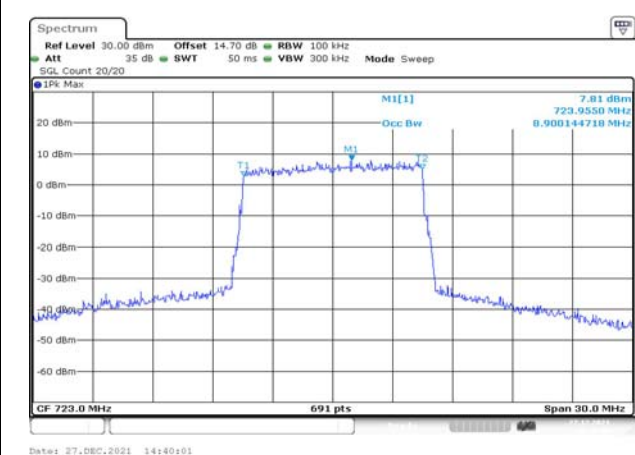


Fig.38

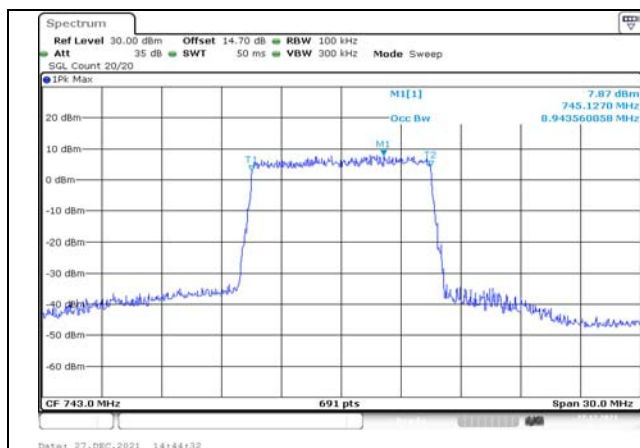


Fig.39

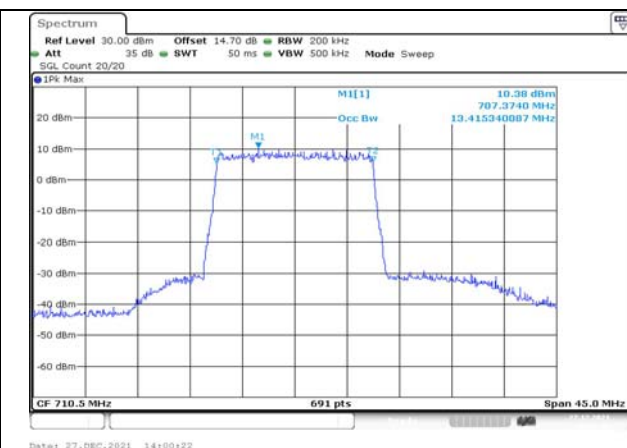


Fig.40

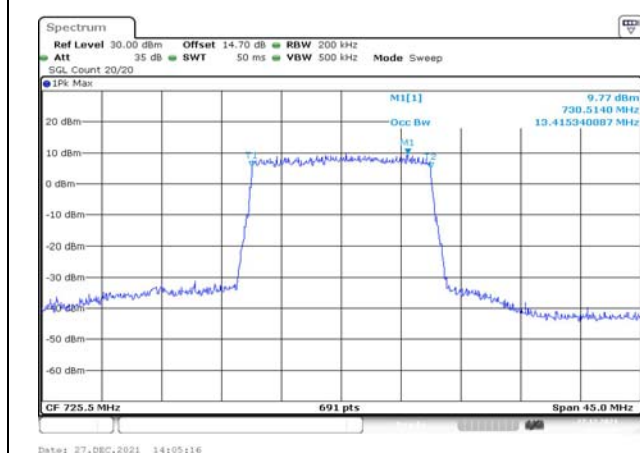


Fig.41

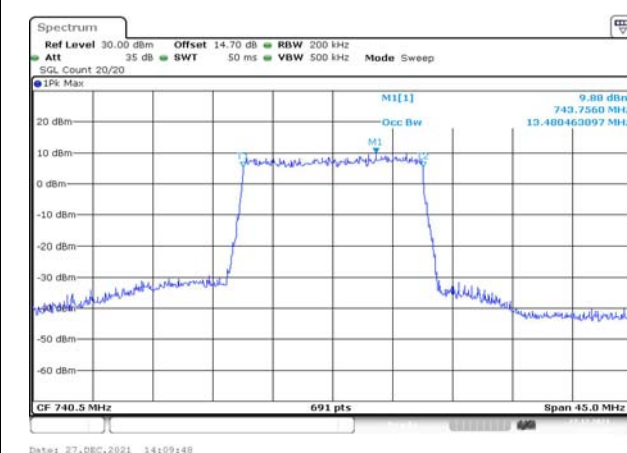


Fig.42

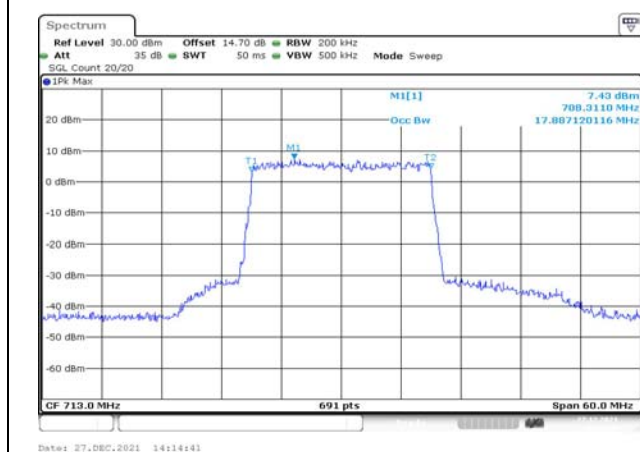


Fig.43

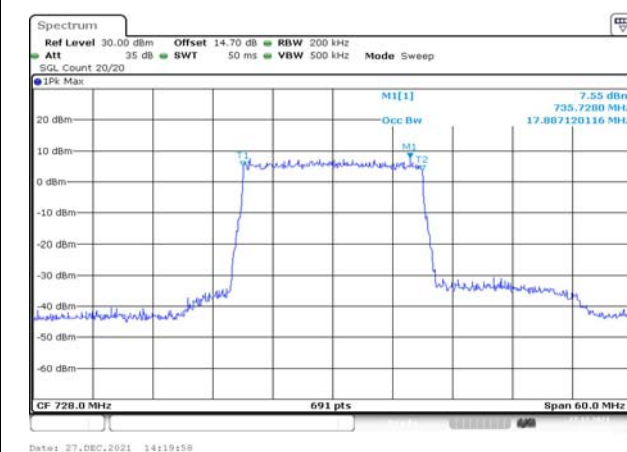


Fig.44

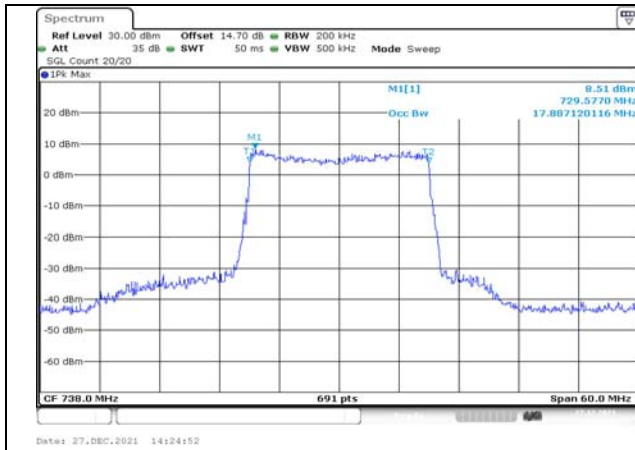


Fig.45

3 Emission Bandwidth

4	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	2.957	Fig.2
	Band 28	QPSK	746.5	27645	3	15	0	2.996	Fig.3
	Band 28	QPSK	705.5	27235	5	25	0	4.884	Fig.4
	Band 28	QPSK	720.5	27385	5	25	0	4.863	Fig.5
	Band 28	QPSK	745.5	27635	5	25	0	4.884	Fig.6
	Band 28	QPSK	708	27260	10	50	0	9.768	Fig.7
	Band 28	QPSK	723	27410	10	50	0	9.638	Fig.8
	Band 28	QPSK	743	27610	10	50	0	9.682	Fig.9
	Band 28	QPSK	710.5	27285	15	75	0	14.588	Fig.10
	Band 28	QPSK	725.5	27435	15	75	0	14.653	Fig.11
	Band 28	QPSK	740.5	27585	15	75	0	14.653	Fig.12
	Band 28	QPSK	713	27310	20	100	0	19.450	Fig.13
	Band 28	QPSK	728	27460	20	100	0	19.363	Fig.14
	Band 28	QPSK	738	27560	20	100	0	19.276	Fig.15

5	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	2.970	Fig.17
	Band 28	16QAM	746.5	27645	3	15	0	2.970	Fig.18
	Band 28	16QAM	705.5	27235	5	25	0	4.841	Fig.19
	Band 28	16QAM	720.5	27385	5	25	0	4.884	Fig.20
	Band 28	16QAM	745.5	27635	5	25	0	4.863	Fig.21
	Band 28	16QAM	708	27260	10	50	0	9.682	Fig.22
	Band 28	16QAM	723	27410	10	50	0	9.638	Fig.23
	Band 28	16QAM	743	27610	10	50	0	9.682	Fig.24
	Band 28	16QAM	710.5	27285	15	75	0	14.848	Fig.25
	Band 28	16QAM	725.5	27435	15	75	0	14.718	Fig.26
	Band 28	16QAM	740.5	27585	15	75	0	14.588	Fig.27
	Band 28	16QAM	713	27310	20	100	0	19.450	Fig.28
	Band 28	16QAM	728	27460	20	100	0	19.363	Fig.29
	Band 28	16QAM	738	27560	20	100	0	19.363	Fig.30

6	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	2.957	Fig.31
	Band 28	64QAM	719.5	27375	3	15	0	2.983	Fig.32
	Band 28	64QAM	746.5	27645	3	15	0	3.009	Fig.33
	Band 28	64QAM	705.5	27235	5	25	0	4.884	Fig.34
	Band 28	64QAM	720.5	27385	5	25	0	4.884	Fig.35
	Band 28	64QAM	745.5	27635	5	25	0	4.841	Fig.36
	Band 28	64QAM	708	27260	10	50	0	9.682	Fig.37
	Band 28	64QAM	723	27410	10	50	0	9.638	Fig.38
	Band 28	64QAM	743	27610	10	50	0	9.682	Fig.39
	Band 28	64QAM	710.5	27285	15	75	0	14.783	Fig.40
	Band 28	64QAM	725.5	27435	15	75	0	14.653	Fig.41
	Band 28	64QAM	740.5	27585	15	75	0	14.718	Fig.42
	Band 28	64QAM	713	27310	20	100	0	19.363	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

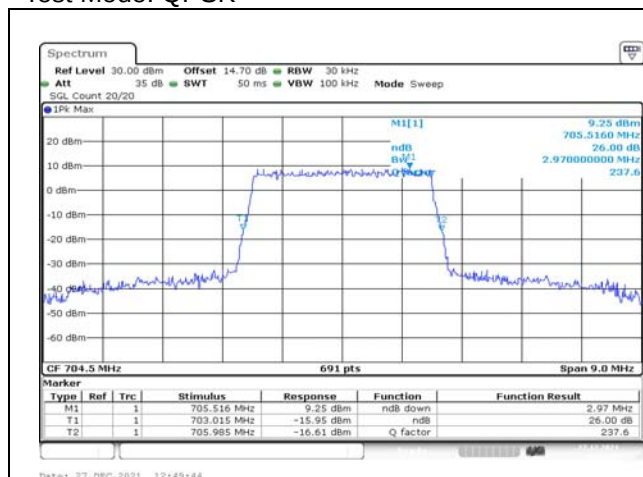


Fig.1

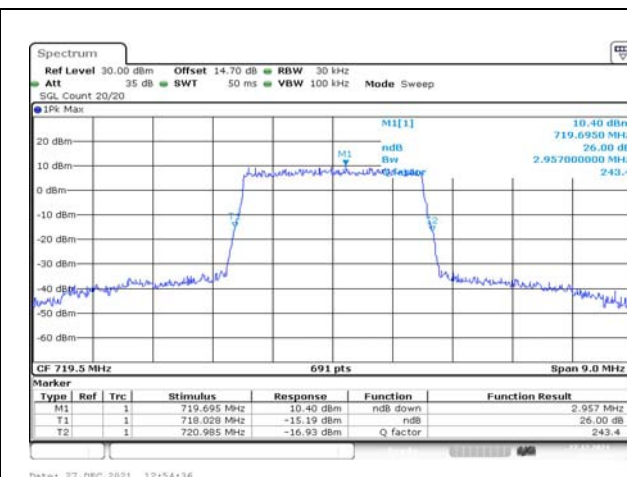


Fig.2

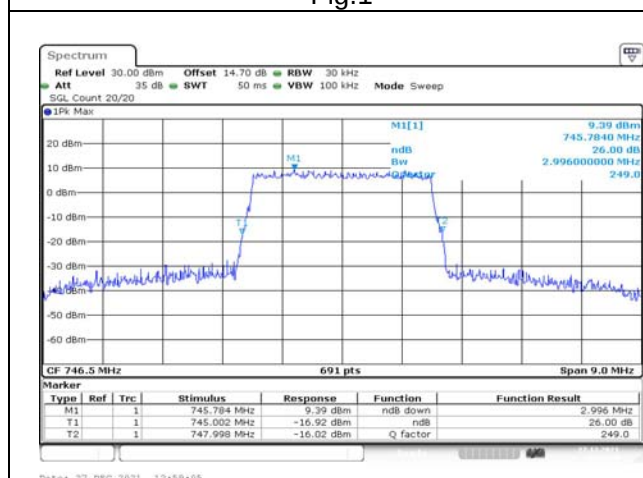


Fig.3

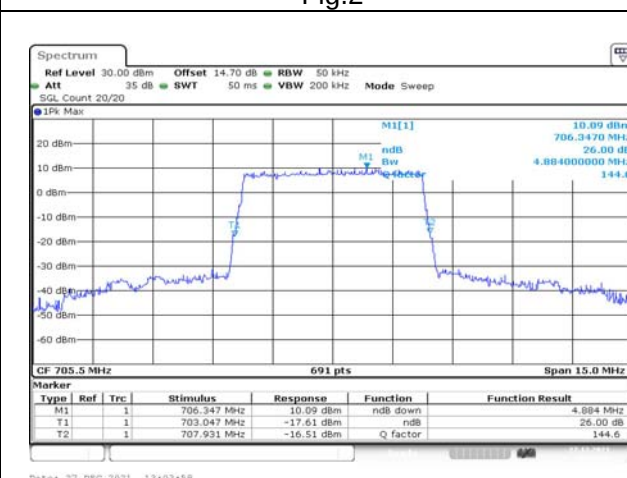


Fig.4

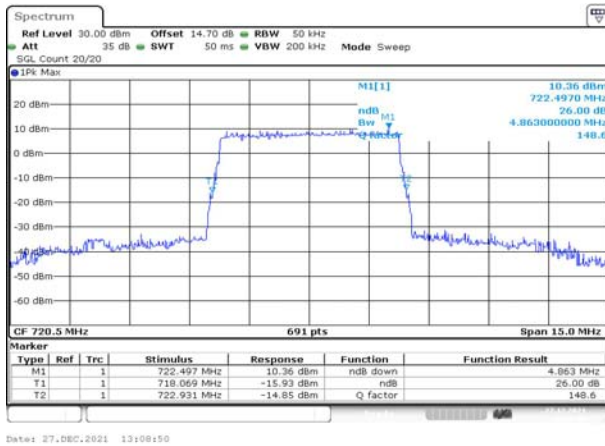


Fig.5

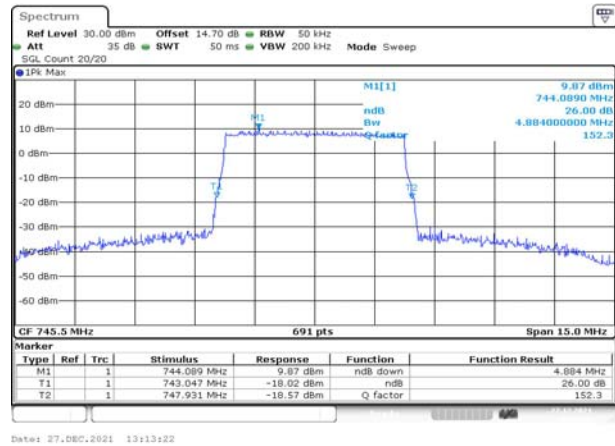


Fig.6

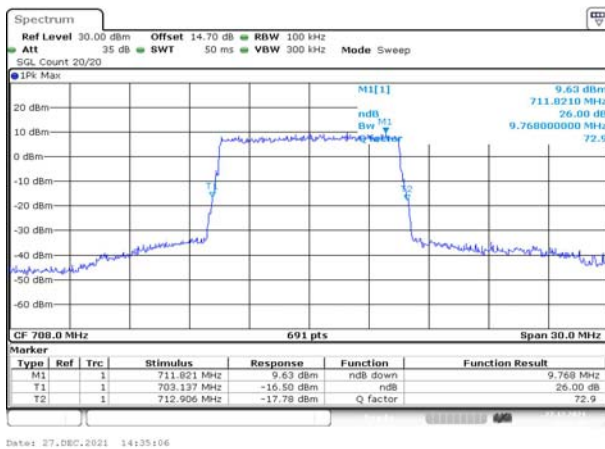


Fig.7

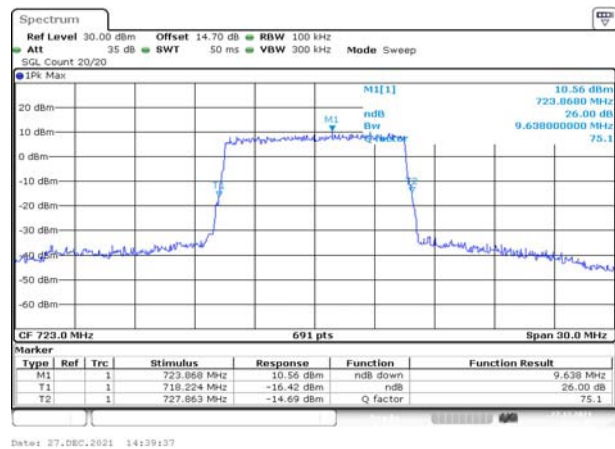


Fig.8

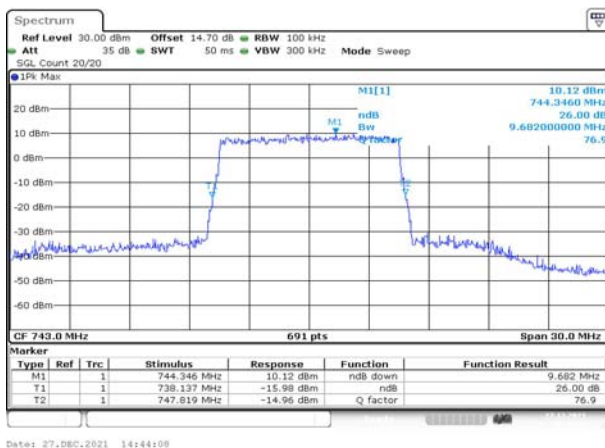


Fig.9

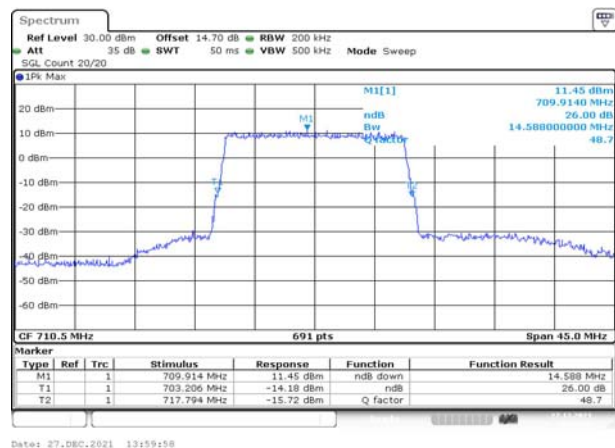


Fig.10

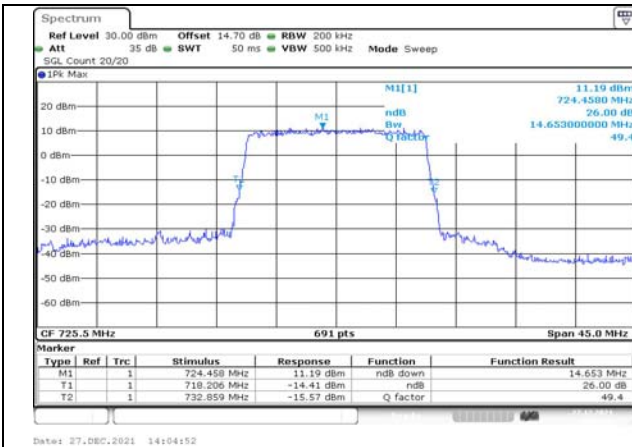


Fig.11

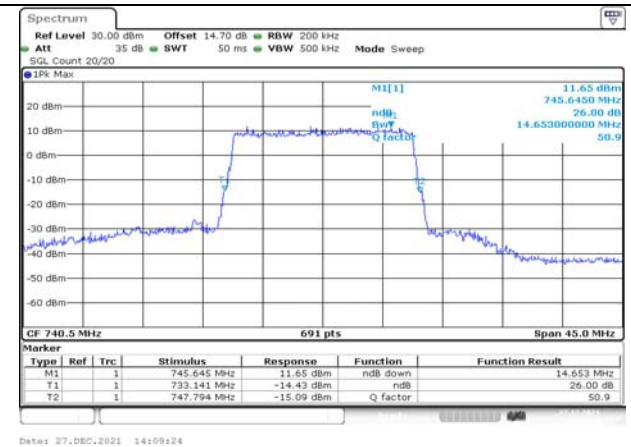


Fig.12

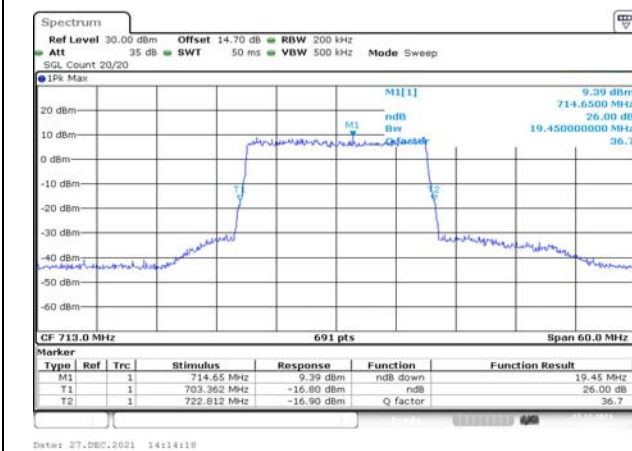


Fig.13

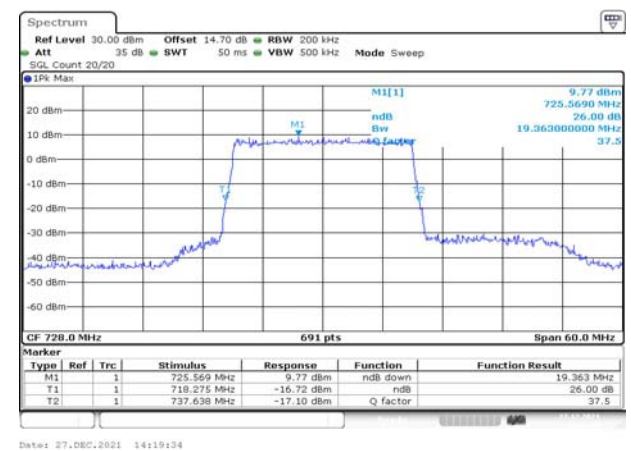


Fig.14

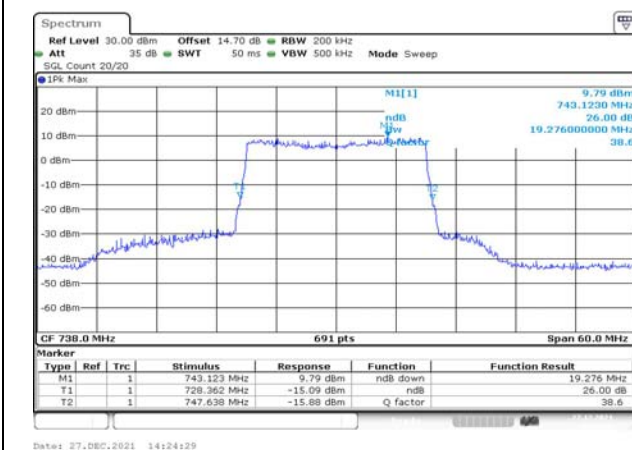


Fig.15

Test Mode: 16QAM



Fig.16

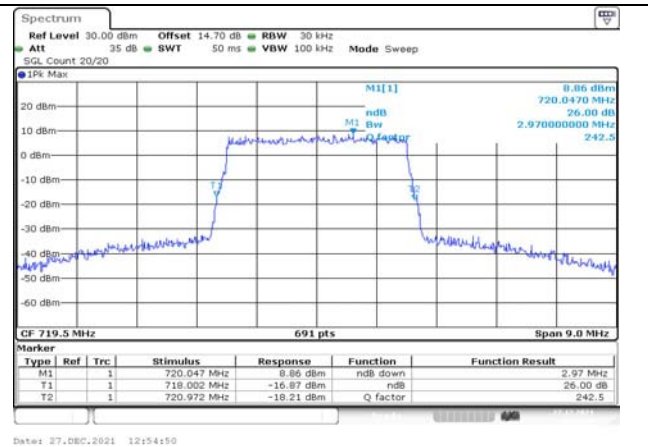


Fig.17

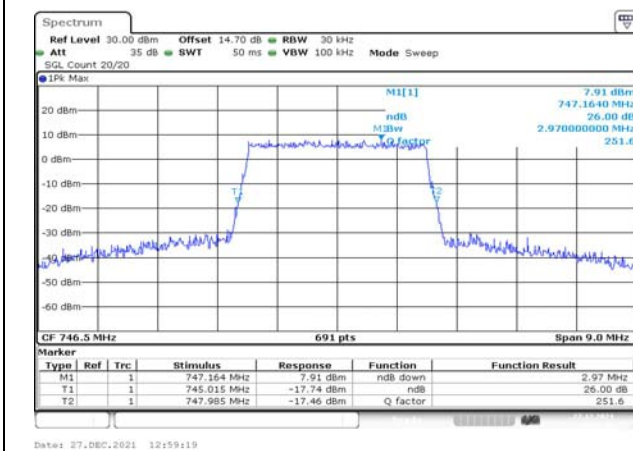


Fig.18

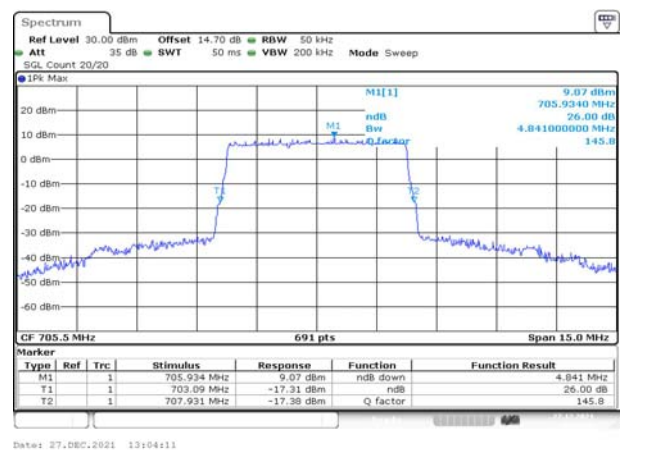


Fig.19

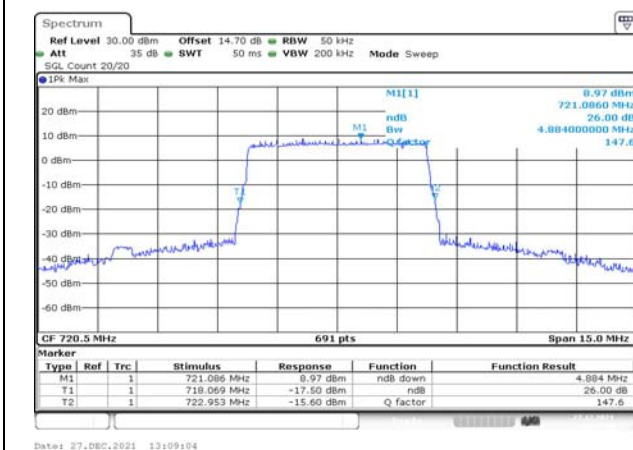


Fig.20

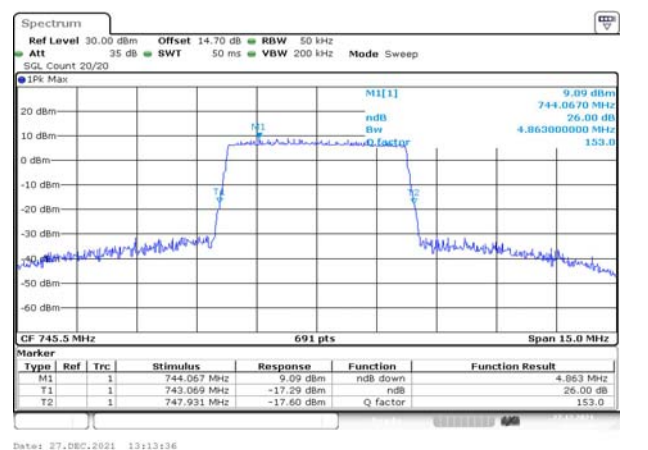


Fig.21

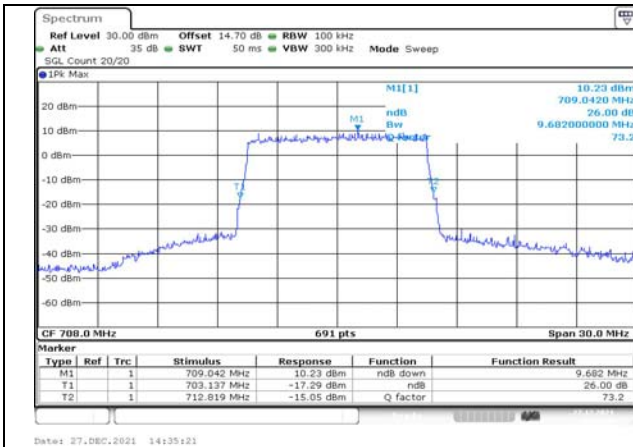


Fig.22

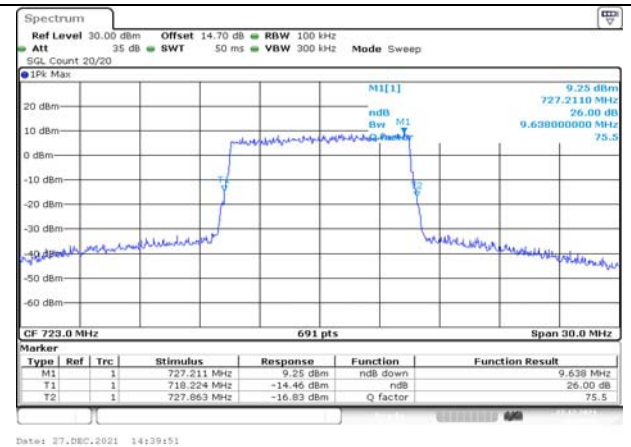


Fig.23

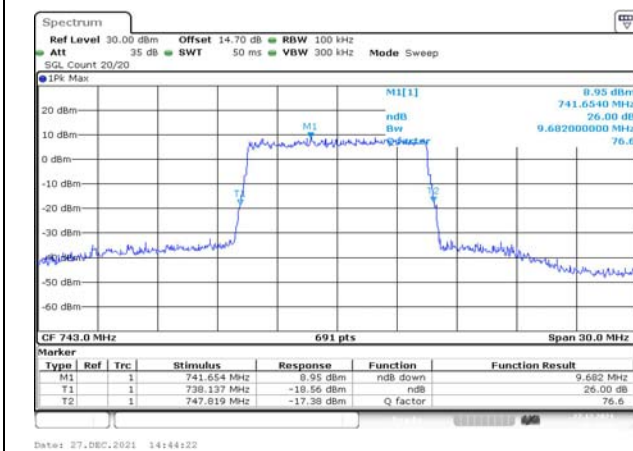


Fig.24

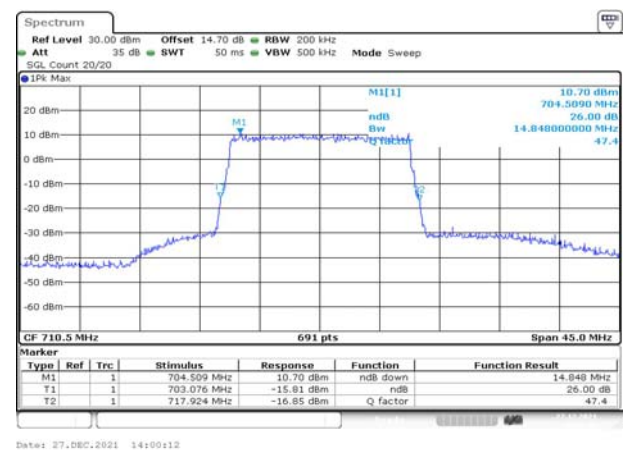


Fig.25

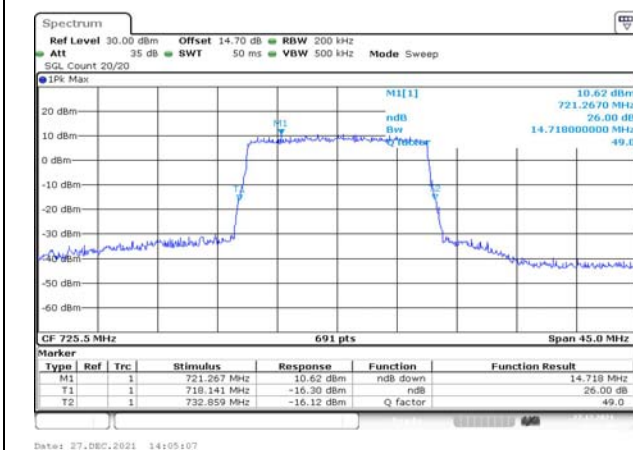


Fig.26

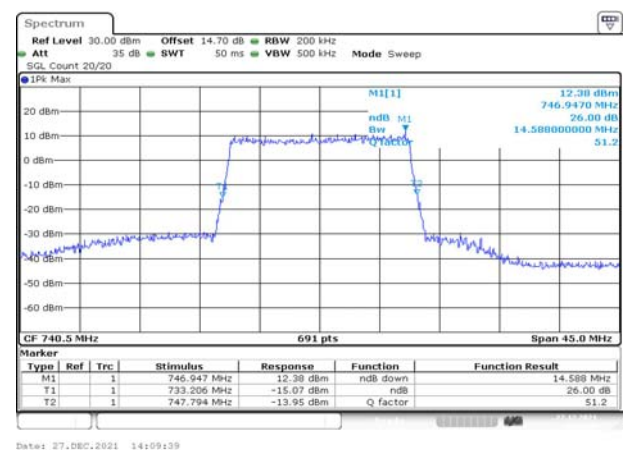


Fig.27

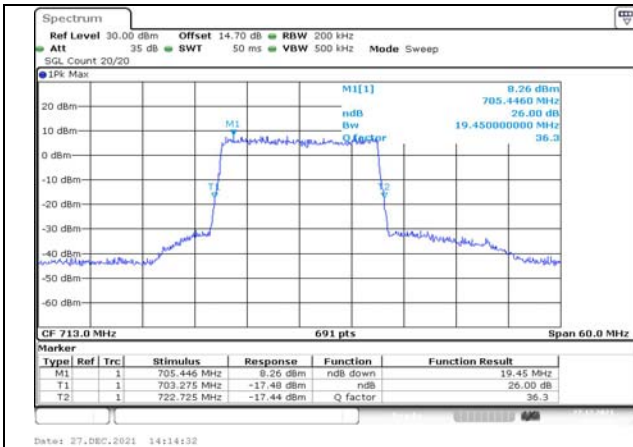


Fig.28

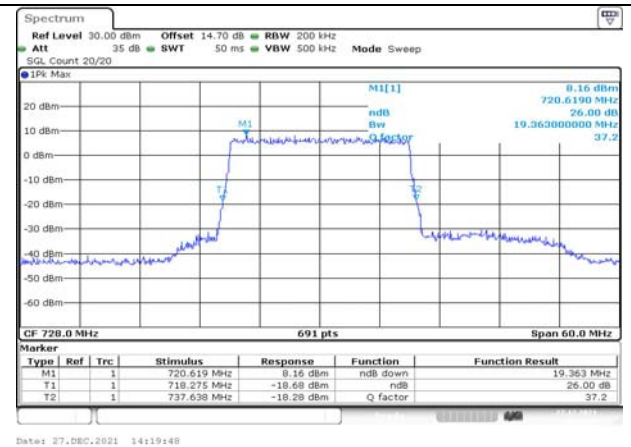


Fig.29

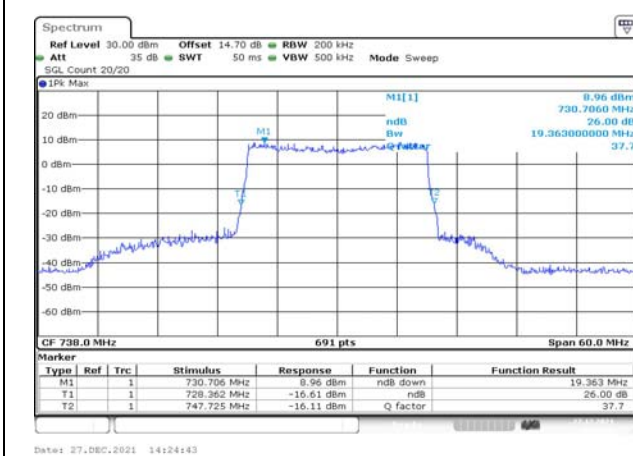


Fig.30

Test Mode: 64QAM

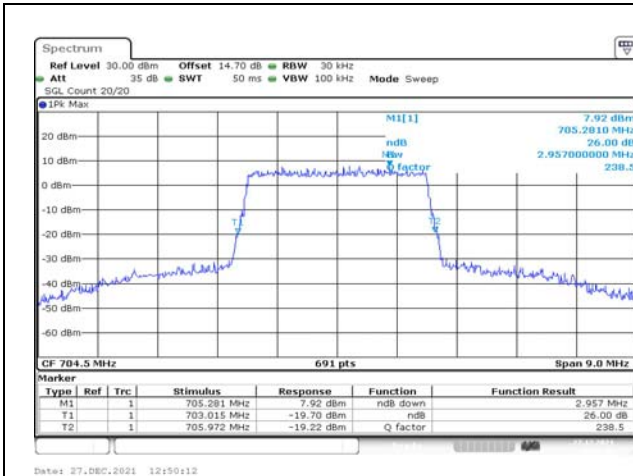


Fig.31

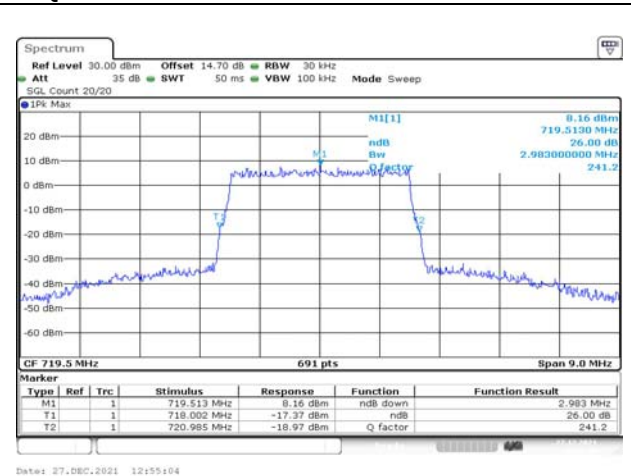


Fig.32

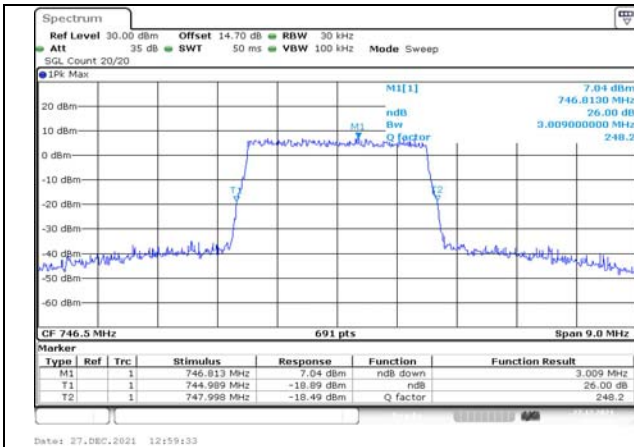


Fig.33

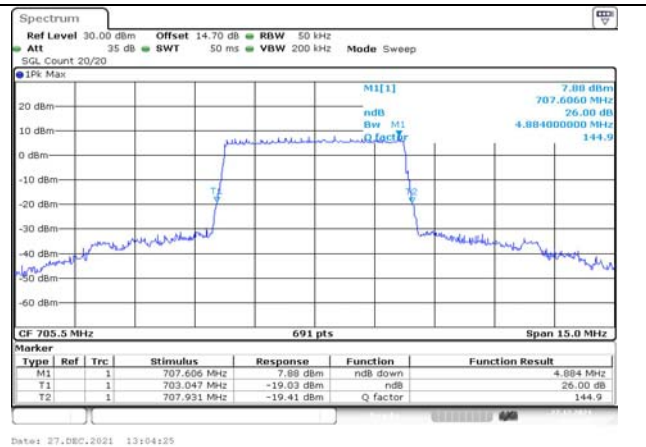


Fig.34

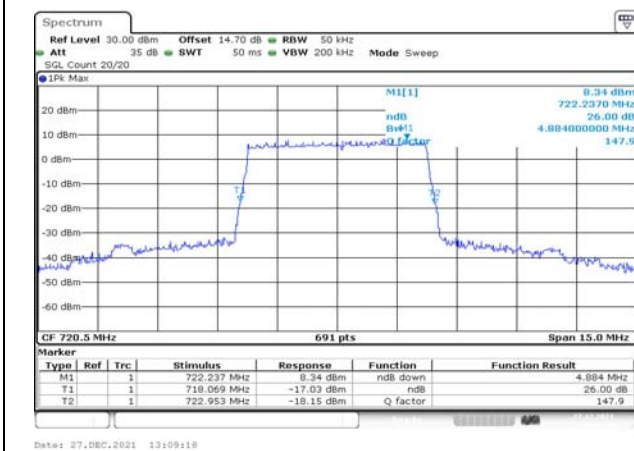


Fig.35

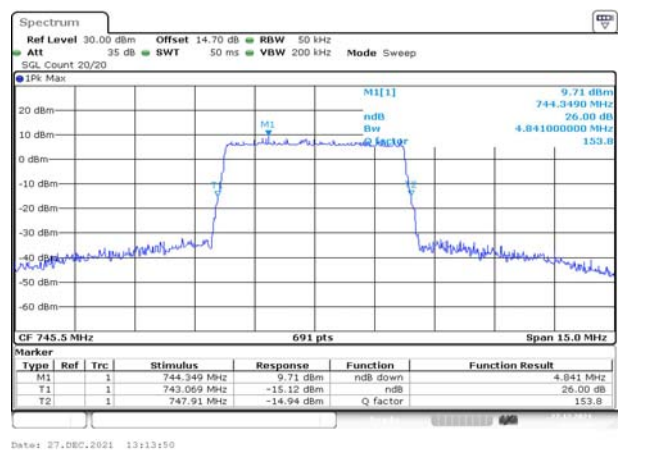


Fig.36

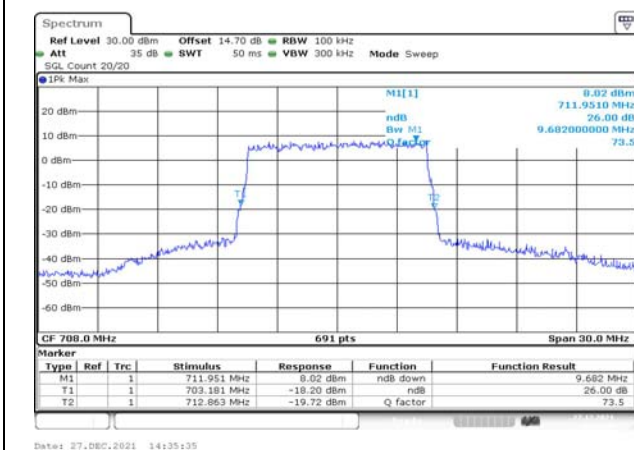


Fig.37

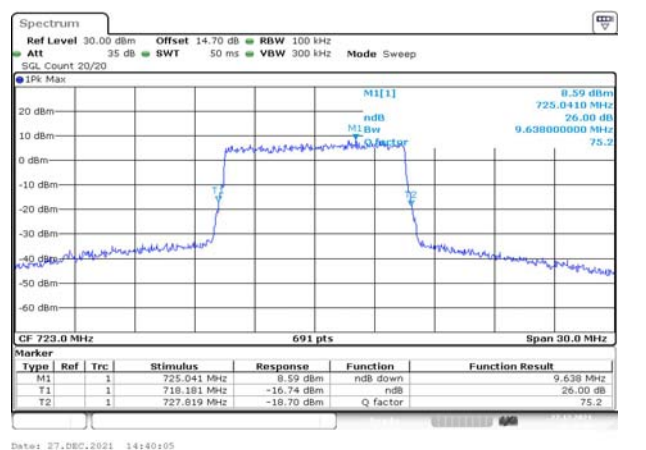


Fig.38

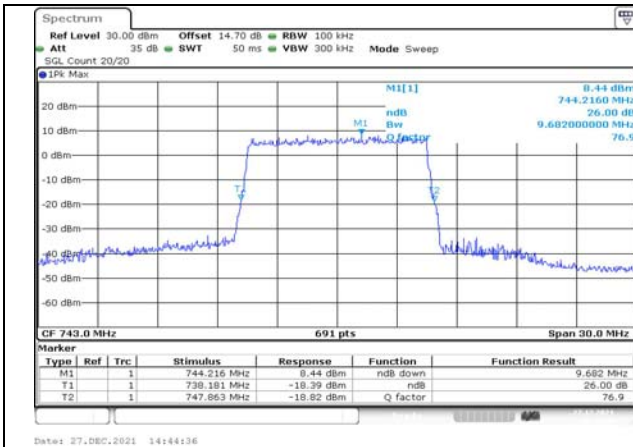


Fig.39

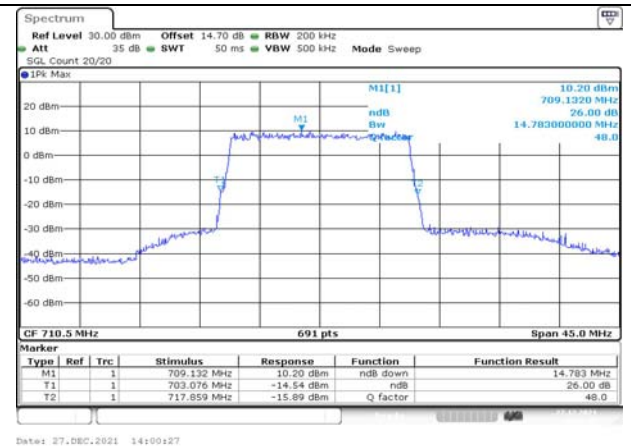


Fig.40

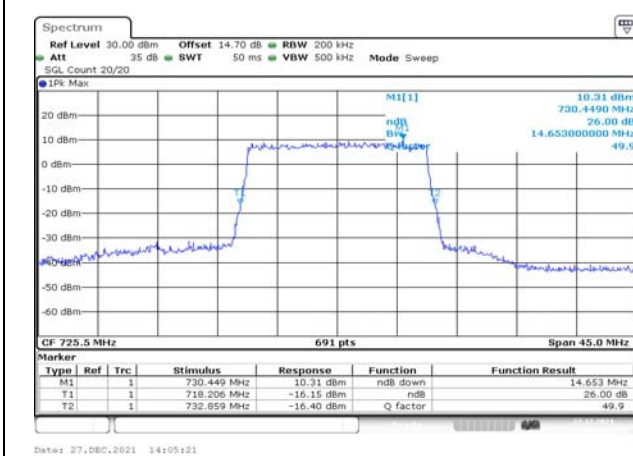


Fig.41

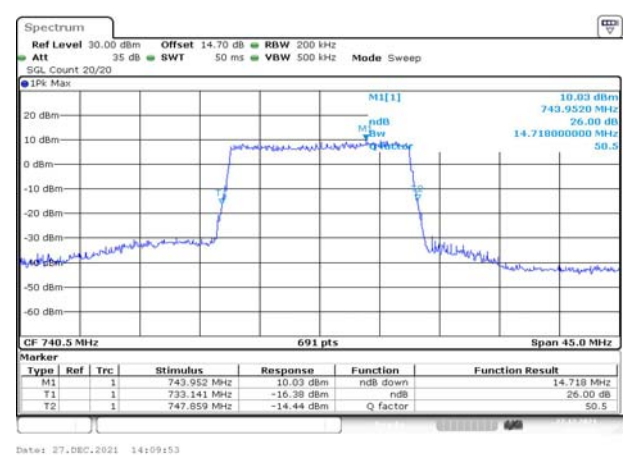


Fig.42

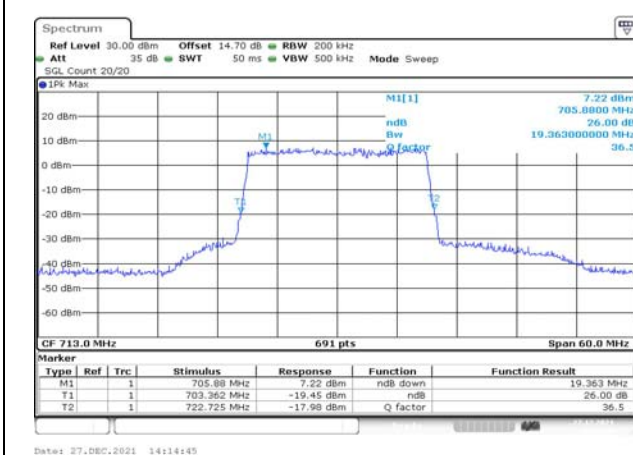


Fig.43

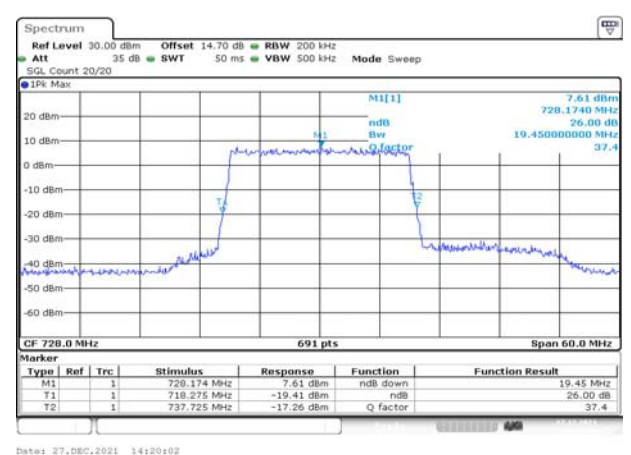


Fig.44

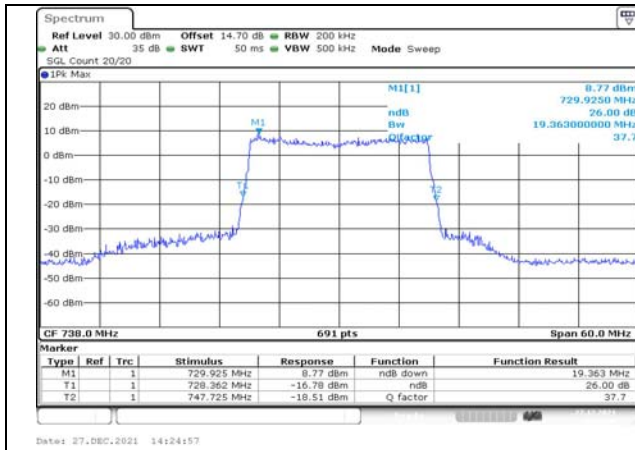


Fig.45

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

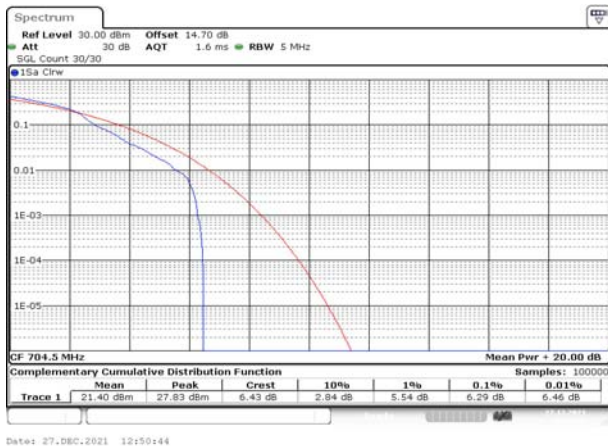


Fig.1

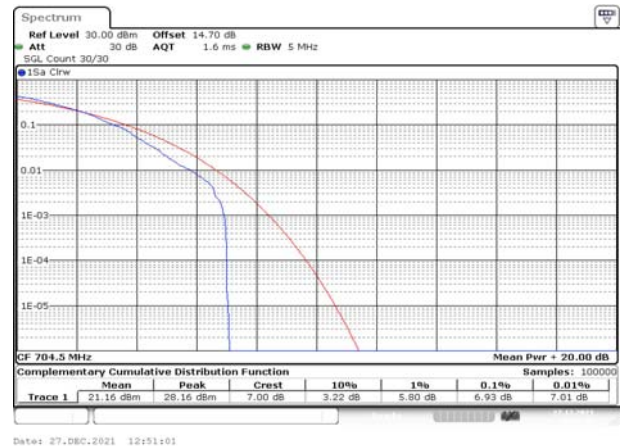


Fig.2

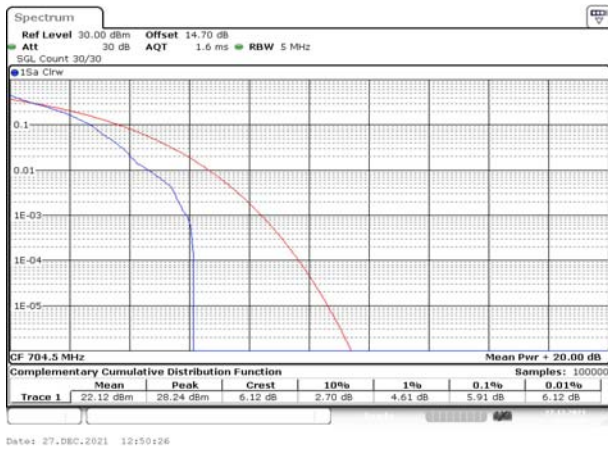


Fig.3

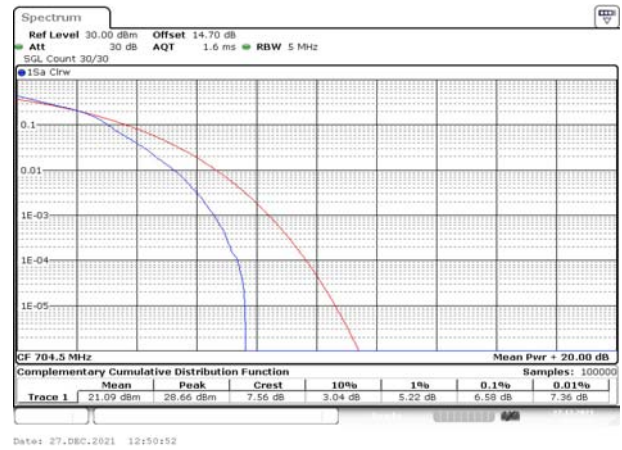


Fig.4

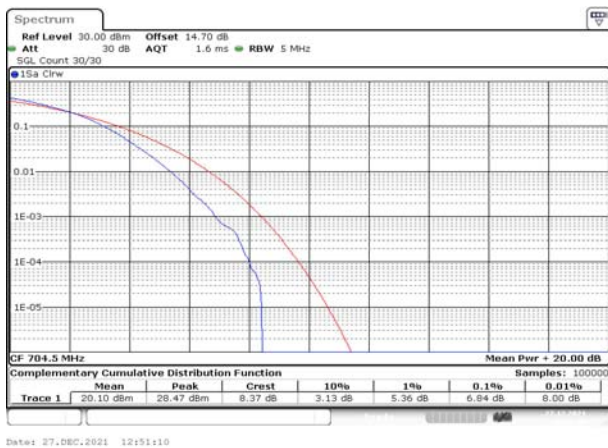


Fig.5

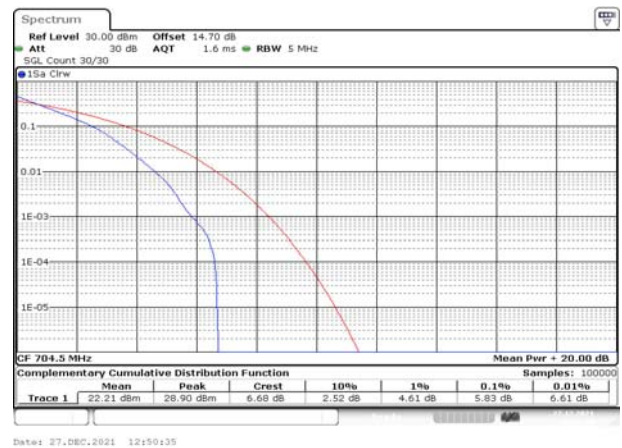


Fig.6

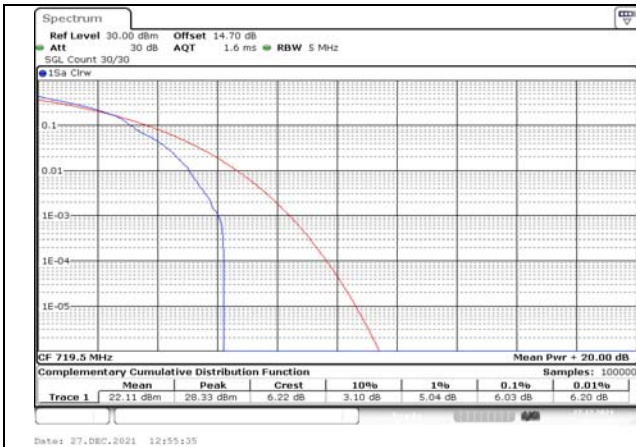


Fig.7

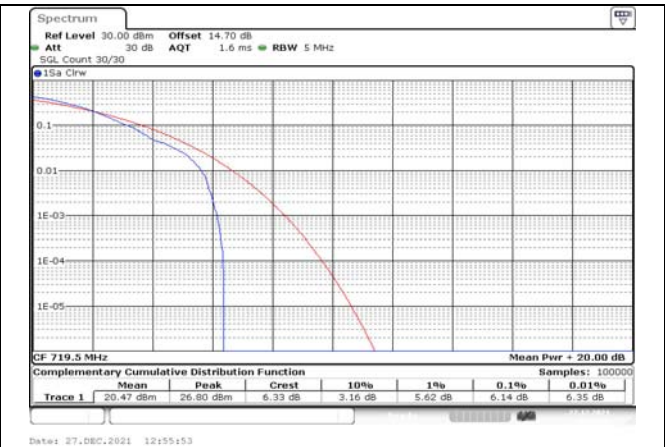


Fig.8

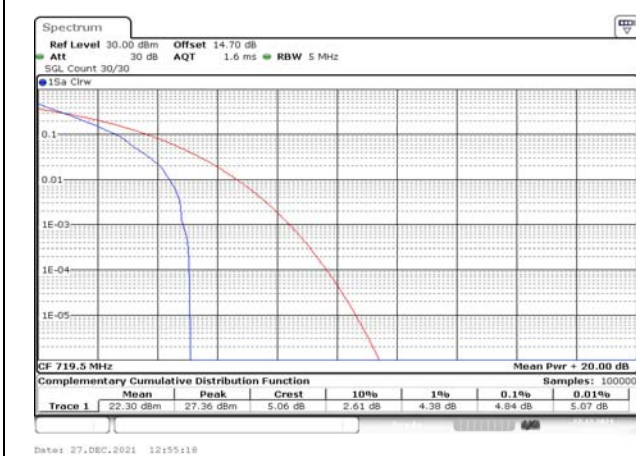


Fig.9

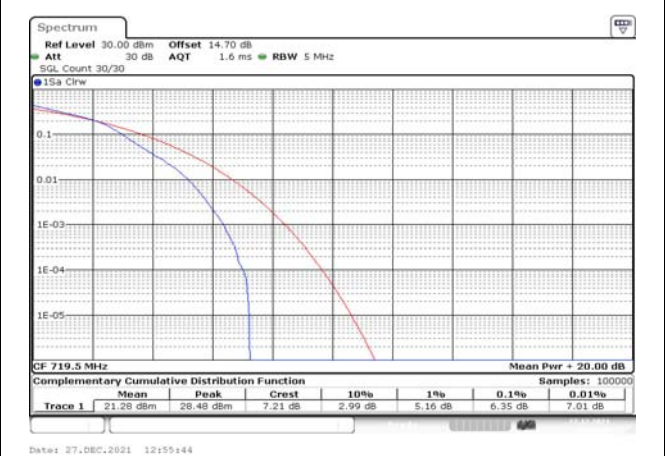


Fig.10

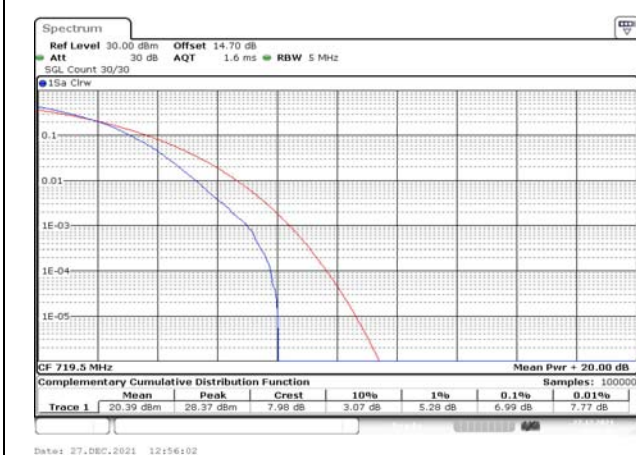


Fig.11

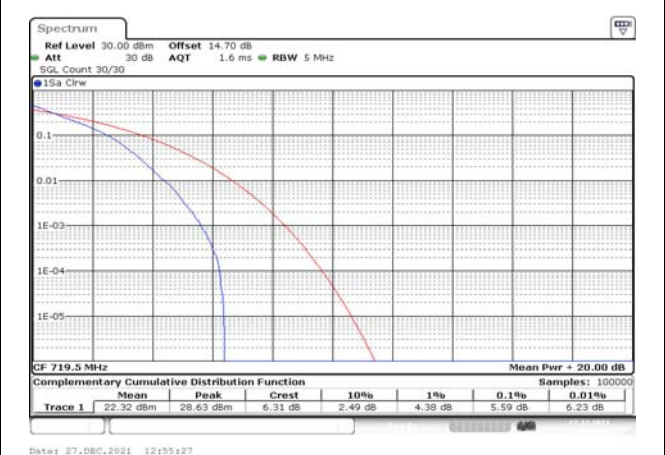


Fig.12

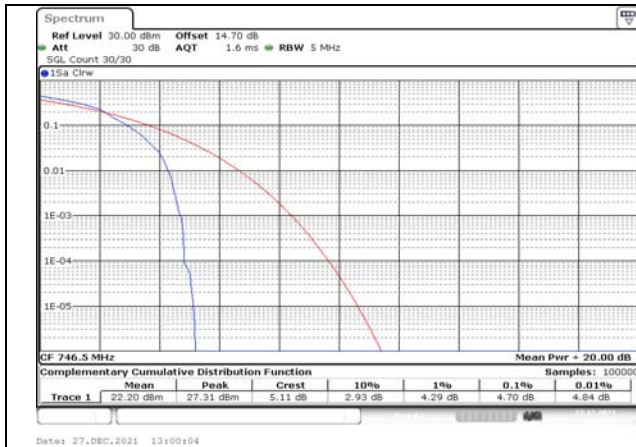


Fig.13

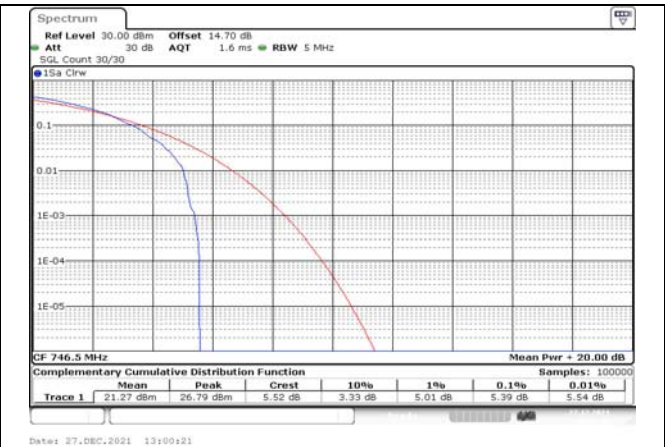


Fig.14

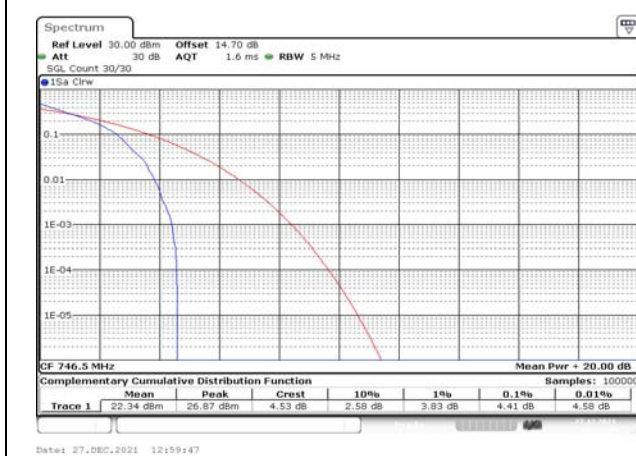


Fig.15

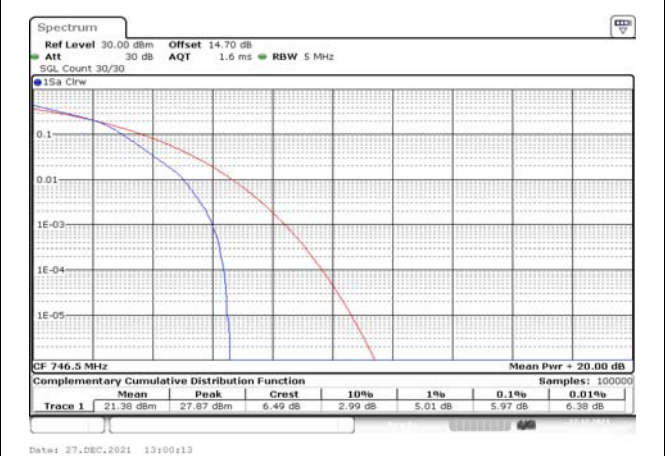


Fig.16

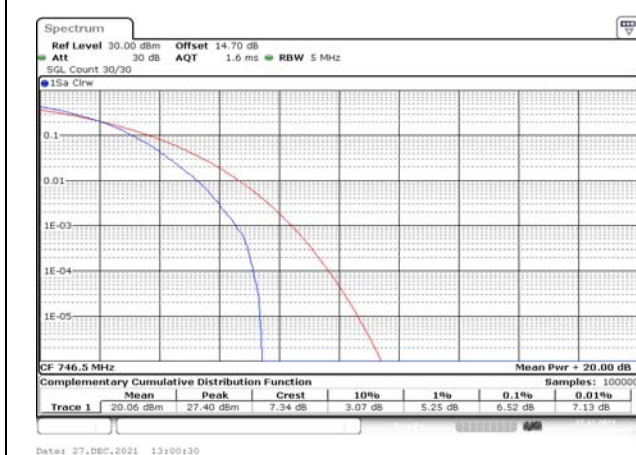


Fig.17

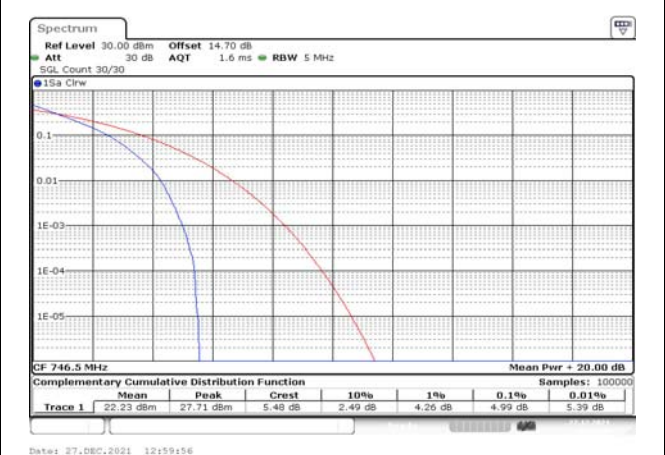


Fig.18

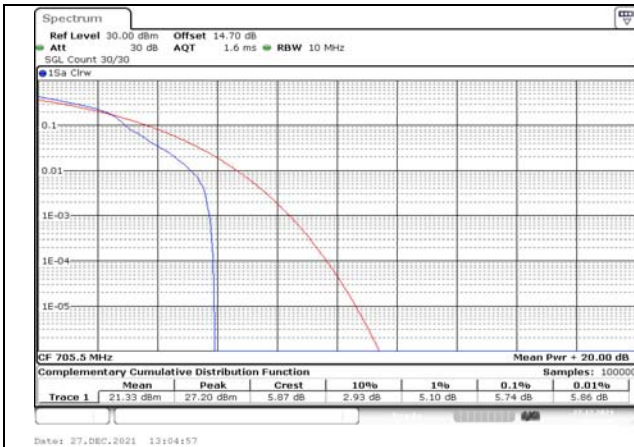


Fig.19

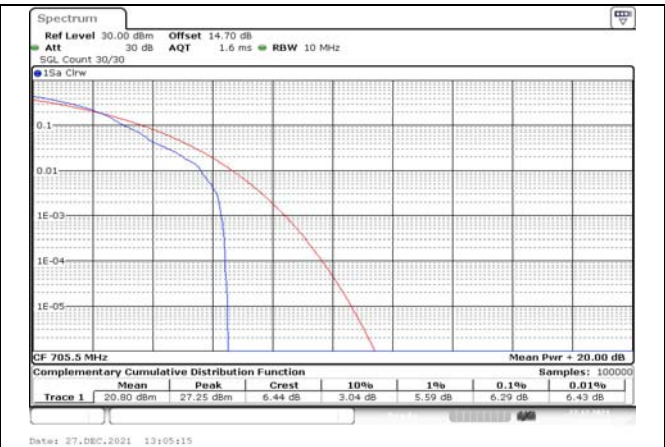


Fig.20

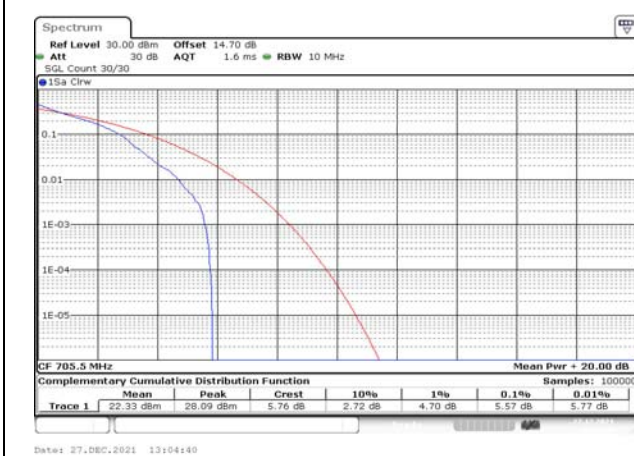


Fig.21

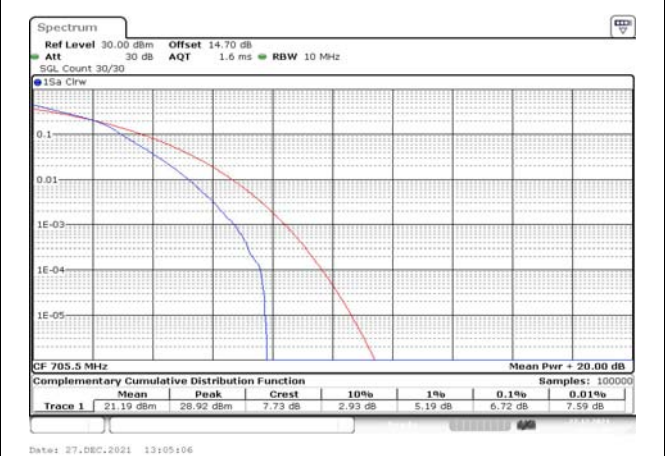


Fig.22

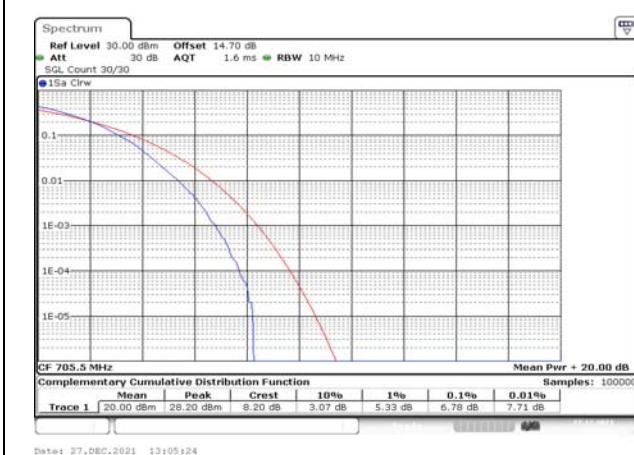


Fig.23

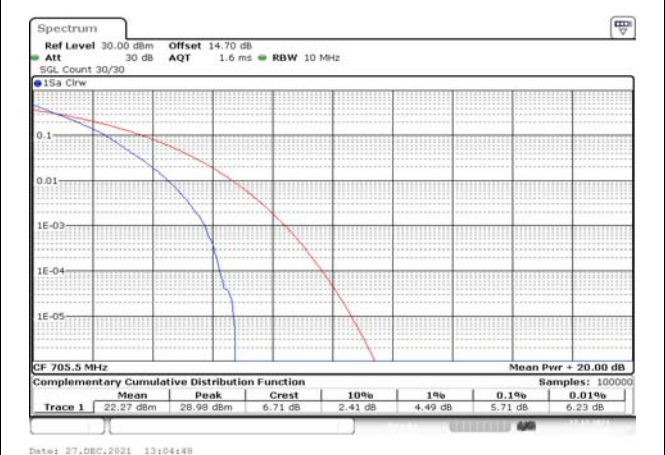


Fig.24

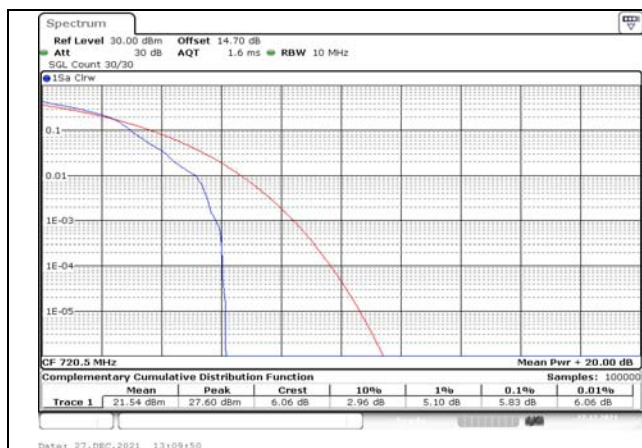


Fig.25

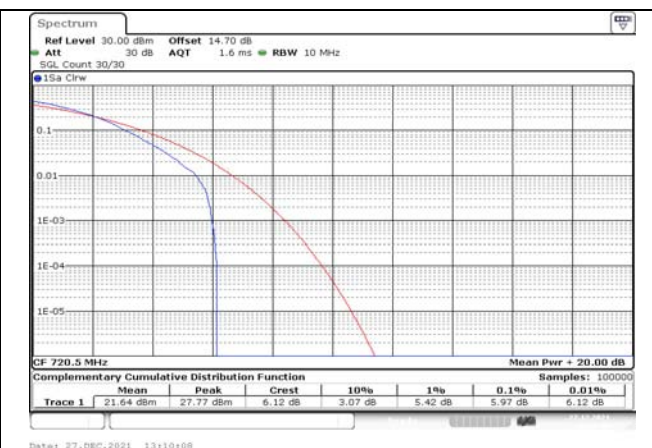


Fig.26

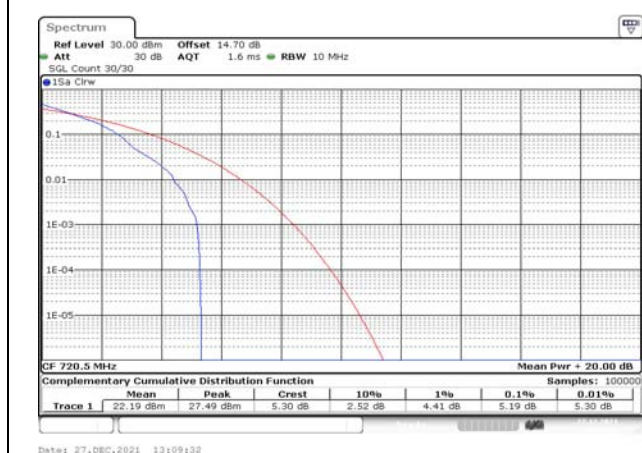


Fig.27

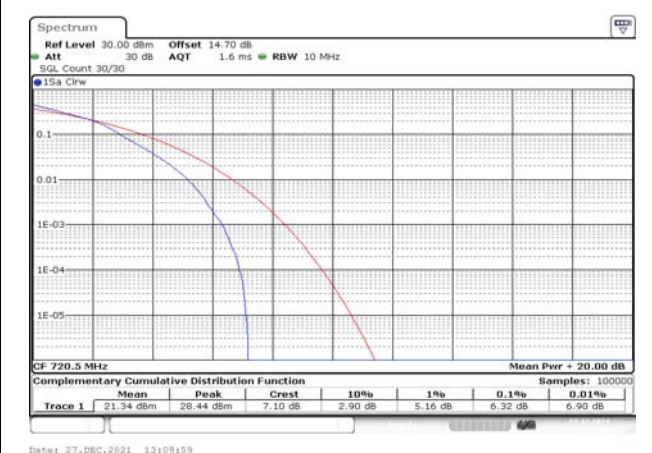


Fig.28

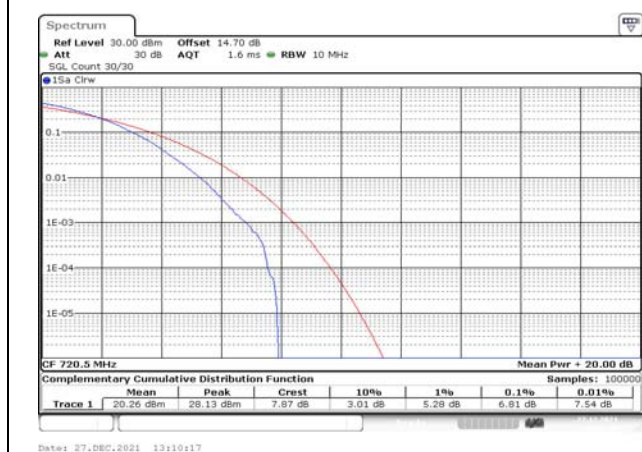


Fig.29

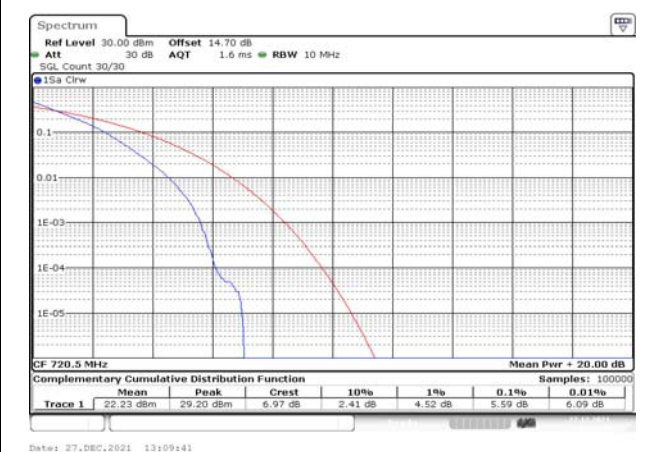


Fig.30

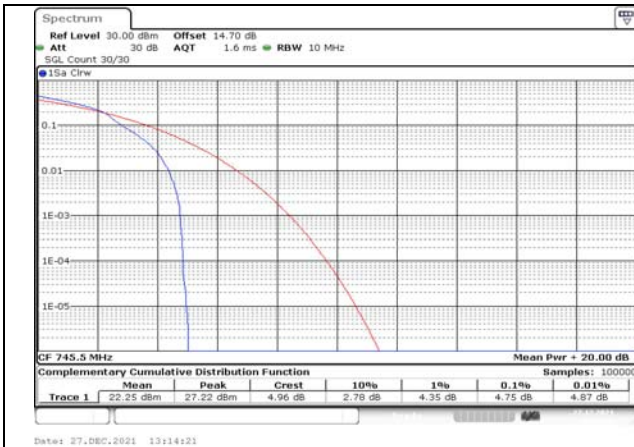


Fig.31

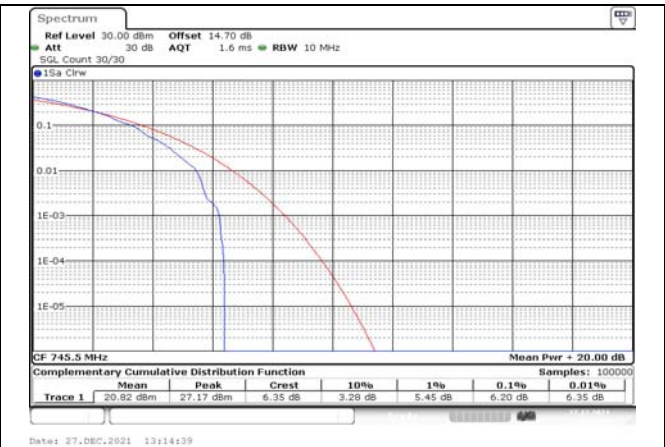


Fig.32

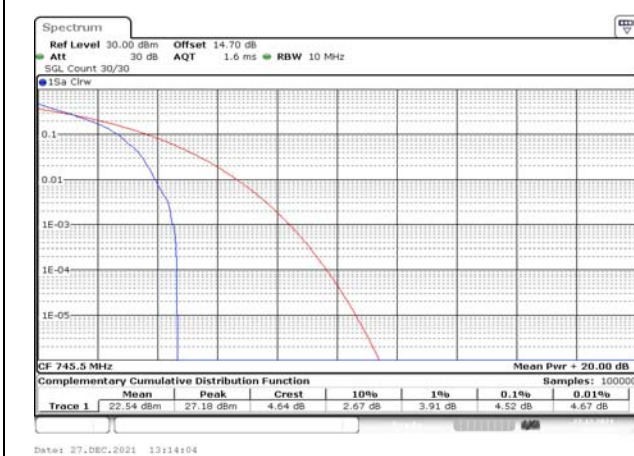


Fig.33

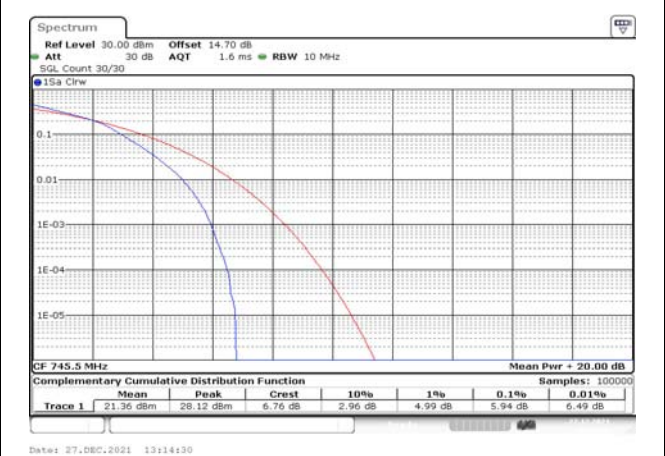


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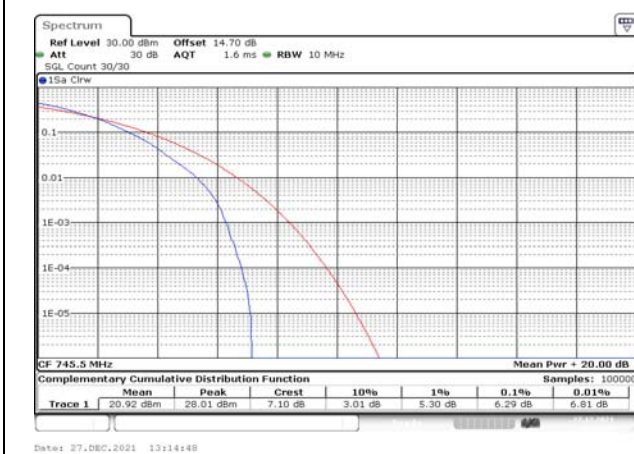


Fig.35

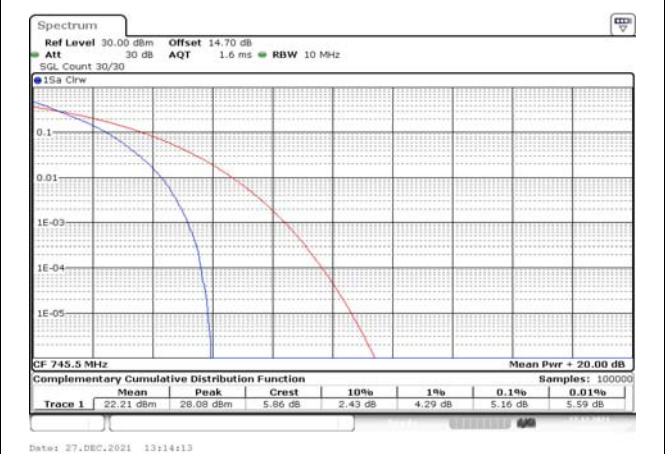


Fig.36