

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 7

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2502.5	20775	5	1	0	23.42
16QAM	2502.5	20775	5	1	12	23.27
16QAM	2502.5	20775	5	1	24	23.26
16QAM	2502.5	20775	5	12	0	22.48
16QAM	2502.5	20775	5	12	7	22.44
16QAM	2502.5	20775	5	12	13	22.47
16QAM	2502.5	20775	5	25	0	22.50
16QAM	2535	21100	5	1	0	23.70
16QAM	2535	21100	5	1	12	24.11
16QAM	2535	21100	5	1	24	23.75
16QAM	2535	21100	5	12	0	22.65
16QAM	2535	21100	5	12	7	22.65
16QAM	2535	21100	5	12	13	22.26
16QAM	2535	21100	5	25	0	22.66
16QAM	2567.5	21425	5	1	0	23.88
16QAM	2567.5	21425	5	1	12	23.87
16QAM	2567.5	21425	5	1	24	24.01
16QAM	2567.5	21425	5	12	0	22.33
16QAM	2567.5	21425	5	12	7	22.18
16QAM	2567.5	21425	5	12	13	22.36
16QAM	2567.5	21425	5	25	0	22.27
64QAM	2502.5	20775	5	1	0	22.85
64QAM	2502.5	20775	5	1	12	22.70
64QAM	2502.5	20775	5	1	24	22.16
64QAM	2502.5	20775	5	12	0	21.37
64QAM	2502.5	20775	5	12	7	21.69
64QAM	2502.5	20775	5	12	13	21.65
64QAM	2502.5	20775	5	25	0	21.51
64QAM	2535	21100	5	1	0	23.68
64QAM	2535	21100	5	1	12	23.65
64QAM	2535	21100	5	1	24	23.32
64QAM	2535	21100	5	12	0	20.83
64QAM	2535	21100	5	12	7	21.04
64QAM	2535	21100	5	12	13	20.89
64QAM	2535	21100	5	25	0	20.87
64QAM	2567.5	21425	5	1	0	23.40
64QAM	2567.5	21425	5	1	12	23.40
64QAM	2567.5	21425	5	1	24	23.53
64QAM	2567.5	21425	5	12	0	21.14
64QAM	2567.5	21425	5	12	7	21.26
64QAM	2567.5	21425	5	12	13	21.07
64QAM	2567.5	21425	5	25	0	21.10

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2502.5	20775	5	1	0	24.57
QPSK	2502.5	20775	5	1	12	24.42
QPSK	2502.5	20775	5	1	24	24.35
QPSK	2502.5	20775	5	12	0	23.59
QPSK	2502.5	20775	5	12	7	23.58
QPSK	2502.5	20775	5	12	13	23.51
QPSK	2502.5	20775	5	25	0	23.49
QPSK	2535	21100	5	1	0	23.87
QPSK	2535	21100	5	1	12	23.88
QPSK	2535	21100	5	1	24	23.92
QPSK	2535	21100	5	12	0	23.19
QPSK	2535	21100	5	12	7	23.61
QPSK	2535	21100	5	12	13	23.29
QPSK	2535	21100	5	25	0	23.60
QPSK	2567.5	21425	5	1	0	23.96
QPSK	2567.5	21425	5	1	12	24.01
QPSK	2567.5	21425	5	1	24	24.06
QPSK	2567.5	21425	5	12	0	23.41
QPSK	2567.5	21425	5	12	7	23.41
QPSK	2567.5	21425	5	12	13	23.37
QPSK	2567.5	21425	5	25	0	23.27

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2505	20800	10	1	0	23.58
16QAM	2505	20800	10	1	25	23.43
16QAM	2505	20800	10	1	49	23.35
16QAM	2505	20800	10	25	0	22.50
16QAM	2505	20800	10	25	12	22.46
16QAM	2505	20800	10	25	25	22.94
16QAM	2505	20800	10	50	0	22.45
16QAM	2535	21100	10	1	0	24.12
16QAM	2535	21100	10	1	25	24.49
16QAM	2535	21100	10	1	49	24.12
16QAM	2535	21100	10	25	0	22.61
16QAM	2535	21100	10	25	12	22.77
16QAM	2535	21100	10	25	25	22.41
16QAM	2535	21100	10	50	0	22.69
16QAM	2565	21400	10	1	0	24.17
16QAM	2565	21400	10	1	25	24.26
16QAM	2565	21400	10	1	49	24.28
16QAM	2565	21400	10	25	0	22.92
16QAM	2565	21400	10	25	12	22.55
16QAM	2565	21400	10	25	25	22.43
16QAM	2565	21400	10	50	0	22.57
64QAM	2505	20800	10	1	0	23.23
64QAM	2505	20800	10	1	25	22.95
64QAM	2505	20800	10	1	49	23.42
64QAM	2505	20800	10	25	0	21.08
64QAM	2505	20800	10	25	12	21.40
64QAM	2505	20800	10	25	25	21.68
64QAM	2505	20800	10	50	0	21.35
64QAM	2535	21100	10	1	0	22.76
64QAM	2535	21100	10	1	25	23.06
64QAM	2535	21100	10	1	49	23.36
64QAM	2535	21100	10	25	0	21.00
64QAM	2535	21100	10	25	12	21.10
64QAM	2535	21100	10	25	25	21.29
64QAM	2535	21100	10	50	0	21.02
64QAM	2565	21400	10	1	0	23.03
64QAM	2565	21400	10	1	25	23.01
64QAM	2565	21400	10	1	49	23.15
64QAM	2565	21400	10	25	0	21.32
64QAM	2565	21400	10	25	12	21.34
64QAM	2565	21400	10	25	25	21.39
64QAM	2565	21400	10	50	0	21.31

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2505	20800	10	1	0	24.52
QPSK	2505	20800	10	1	25	24.32
QPSK	2505	20800	10	1	49	24.13
QPSK	2505	20800	10	25	0	23.43
QPSK	2505	20800	10	25	12	23.42
QPSK	2505	20800	10	25	25	23.43
QPSK	2505	20800	10	50	0	23.56
QPSK	2535	21100	10	1	0	24.14
QPSK	2535	21100	10	1	25	24.18
QPSK	2535	21100	10	1	49	24.20
QPSK	2535	21100	10	25	0	23.29
QPSK	2535	21100	10	25	12	23.61
QPSK	2535	21100	10	25	25	23.36
QPSK	2535	21100	10	50	0	23.68
QPSK	2565	21400	10	1	0	24.27
QPSK	2565	21400	10	1	25	24.26
QPSK	2565	21400	10	1	49	24.30
QPSK	2565	21400	10	25	0	23.39
QPSK	2565	21400	10	25	12	23.38
QPSK	2565	21400	10	25	25	23.43
QPSK	2565	21400	10	50	0	23.39

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2507.5	20825	15	1	0	24.58
16QAM	2507.5	20825	15	1	37	24.35
16QAM	2507.5	20825	15	1	74	24.09
16QAM	2507.5	20825	15	36	0	22.59
16QAM	2507.5	20825	15	36	29	22.88
16QAM	2507.5	20825	15	36	30	22.93
16QAM	2507.5	20825	15	75	0	22.98
16QAM	2535	21100	15	1	0	23.98
16QAM	2535	21100	15	1	37	24.63
16QAM	2535	21100	15	1	74	24.03
16QAM	2535	21100	15	36	0	22.36
16QAM	2535	21100	15	36	29	22.32
16QAM	2535	21100	15	36	30	22.28
16QAM	2535	21100	15	75	0	22.77
16QAM	2562.5	21375	15	1	0	23.24
16QAM	2562.5	21375	15	1	37	23.30
16QAM	2562.5	21375	15	1	74	23.34
16QAM	2562.5	21375	15	36	0	22.56
16QAM	2562.5	21375	15	36	29	22.51
16QAM	2562.5	21375	15	36	30	22.51
16QAM	2562.5	21375	15	75	0	22.95
64QAM	2507.5	20825	15	1	0	23.22
64QAM	2507.5	20825	15	1	37	23.52
64QAM	2507.5	20825	15	1	74	22.84
64QAM	2507.5	20825	15	36	0	21.26
64QAM	2507.5	20825	15	36	29	21.51
64QAM	2507.5	20825	15	36	30	21.52
64QAM	2507.5	20825	15	75	0	21.41
64QAM	2535	21100	15	1	0	22.82
64QAM	2535	21100	15	1	37	23.22
64QAM	2535	21100	15	1	74	23.36
64QAM	2535	21100	15	36	0	21.21
64QAM	2535	21100	15	36	29	21.33
64QAM	2535	21100	15	36	30	21.35
64QAM	2535	21100	15	75	0	21.31
64QAM	2562.5	21375	15	1	0	22.86
64QAM	2562.5	21375	15	1	37	23.29
64QAM	2562.5	21375	15	1	74	22.93
64QAM	2562.5	21375	15	36	0	21.61
64QAM	2562.5	21375	15	36	29	21.40
64QAM	2562.5	21375	15	36	30	21.39
64QAM	2562.5	21375	15	75	0	21.48

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2507.5	20825	15	1	0	24.47
QPSK	2507.5	20825	15	1	37	24.32
QPSK	2507.5	20825	15	1	74	24.10
QPSK	2507.5	20825	15	36	0	23.45
QPSK	2507.5	20825	15	36	29	23.36
QPSK	2507.5	20825	15	36	30	23.39
QPSK	2507.5	20825	15	75	0	23.48
QPSK	2535	21100	15	1	0	24.16
QPSK	2535	21100	15	1	37	24.11
QPSK	2535	21100	15	1	74	24.17
QPSK	2535	21100	15	36	0	23.37
QPSK	2535	21100	15	36	29	23.26
QPSK	2535	21100	15	36	30	23.27
QPSK	2535	21100	15	75	0	23.71
QPSK	2562.5	21375	15	1	0	24.35
QPSK	2562.5	21375	15	1	37	24.22
QPSK	2562.5	21375	15	1	74	24.38
QPSK	2562.5	21375	15	36	0	23.53
QPSK	2562.5	21375	15	36	29	23.43
QPSK	2562.5	21375	15	36	30	23.42
QPSK	2562.5	21375	15	75	0	23.26

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2510	20850	20	1	0	24.20
16QAM	2510	20850	20	1	49	23.92
16QAM	2510	20850	20	1	99	23.66
16QAM	2510	20850	20	50	0	22.63
16QAM	2510	20850	20	50	24	22.97
16QAM	2510	20850	20	50	50	22.42
16QAM	2510	20850	20	100	0	22.87
16QAM	2535	21100	20	1	0	23.92
16QAM	2535	21100	20	1	49	23.41
16QAM	2535	21100	20	1	99	23.41
16QAM	2535	21100	20	50	0	22.32
16QAM	2535	21100	20	50	24	22.80
16QAM	2535	21100	20	50	50	22.71
16QAM	2535	21100	20	100	0	22.90
16QAM	2560	21350	20	1	0	23.51
16QAM	2560	21350	20	1	49	23.44
16QAM	2560	21350	20	1	99	23.42
16QAM	2560	21350	20	50	0	22.55
16QAM	2560	21350	20	50	24	22.68
16QAM	2560	21350	20	50	50	22.65
16QAM	2560	21350	20	100	0	22.46
64QAM	2510	20850	20	1	0	23.13
64QAM	2510	20850	20	1	49	23.16
64QAM	2510	20850	20	1	99	23.06
64QAM	2510	20850	20	50	0	21.56
64QAM	2510	20850	20	50	24	21.52
64QAM	2510	20850	20	50	50	21.61
64QAM	2510	20850	20	100	0	21.45
64QAM	2535	21100	20	1	0	23.17
64QAM	2535	21100	20	1	49	23.16
64QAM	2535	21100	20	1	99	22.78
64QAM	2535	21100	20	50	0	21.45
64QAM	2535	21100	20	50	24	21.39
64QAM	2535	21100	20	50	50	21.66
64QAM	2535	21100	20	100	0	21.52
64QAM	2560	21350	20	1	0	23.28
64QAM	2560	21350	20	1	49	23.46
64QAM	2560	21350	20	1	99	23.46
64QAM	2560	21350	20	50	0	21.92
64QAM	2560	21350	20	50	24	21.65
64QAM	2560	21350	20	50	50	21.60
64QAM	2560	21350	20	100	0	21.74

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2510	20850	20	1	0	24.31
QPSK	2510	20850	20	1	49	24.14
QPSK	2510	20850	20	1	99	23.99
QPSK	2510	20850	20	50	0	23.46
QPSK	2510	20850	20	50	24	23.42
QPSK	2510	20850	20	50	50	23.24
QPSK	2510	20850	20	100	0	23.48
QPSK	2535	21100	20	1	0	24.13
QPSK	2535	21100	20	1	49	23.90
QPSK	2535	21100	20	1	99	24.04
QPSK	2535	21100	20	50	0	23.25
QPSK	2535	21100	20	50	24	23.62
QPSK	2535	21100	20	50	50	23.43
QPSK	2535	21100	20	100	0	23.64
QPSK	2560	21350	20	1	0	24.10
QPSK	2560	21350	20	1	49	24.22
QPSK	2560	21350	20	1	99	24.18
QPSK	2560	21350	20	50	0	23.47
QPSK	2560	21350	20	50	24	23.50
QPSK	2560	21350	20	50	50	23.46
QPSK	2560	21350	20	100	0	23.49

2 Occupied Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
7	QPSK	2502.5	20775	5	25	0	4.472	Fig.1
7	QPSK	2535	21100	5	25	0	4.472	Fig.2
7	QPSK	2567.5	21425	5	25	0	4.472	Fig.3
7	QPSK	2505	20800	10	50	0	8.944	Fig.4
7	QPSK	2535	21100	10	50	0	8.944	Fig.5
7	QPSK	2565	21400	10	50	0	8.944	Fig.6
7	QPSK	2507.5	20825	15	75	0	13.415	Fig.7
7	QPSK	2535	21100	15	75	0	13.415	Fig.8
7	QPSK	2562.5	21375	15	75	0	13.415	Fig.9
7	QPSK	2510	20850	20	100	0	17.887	Fig.10
7	QPSK	2535	21100	20	100	0	17.974	Fig.11
7	QPSK	2560	21350	20	100	0	17.887	Fig.12

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
7	16QAM	2502.5	20775	5	25	0	4.472	Fig.13
7	16QAM	2535	21100	5	25	0	4.472	Fig.14
7	16QAM	2567.5	21425	5	25	0	4.472	Fig.15
7	16QAM	2505	20800	10	50	0	8.944	Fig.16
7	16QAM	2535	21100	10	50	0	8.944	Fig.17
7	16QAM	2565	21400	10	50	0	8.944	Fig.18
7	16QAM	2507.5	20825	15	75	0	13.415	Fig.19
7	16QAM	2535	21100	15	75	0	13.415	Fig.20
7	16QAM	2562.5	21375	15	75	0	13.415	Fig.21
7	16QAM	2510	20850	20	100	0	17.887	Fig.22
7	16QAM	2535	21100	20	100	0	17.887	Fig.23
7	16QAM	2560	21350	20	100	0	17.887	Fig.24

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
7	64QAM	2502.5	20775	5	25	0	4.472	Fig.25
7	64QAM	2535	21100	5	25	0	4.493	Fig.26
7	64QAM	2567.5	21425	5	25	0	4.472	Fig.27
7	64QAM	2505	20800	10	50	0	8.944	Fig.28
7	64QAM	2535	21100	10	50	0	8.944	Fig.29
7	64QAM	2565	21400	10	50	0	8.944	Fig.30
7	64QAM	2507.5	20825	15	75	0	13.415	Fig.31
7	64QAM	2535	21100	15	75	0	13.480	Fig.32
7	64QAM	2562.5	21375	15	75	0	13.480	Fig.33
7	64QAM	2510	20850	20	100	0	17.887	Fig.34
7	64QAM	2535	21100	20	100	0	17.974	Fig.35
7	64QAM	2560	21350	20	100	0	17.887	Fig.36

Test Mode: QPSK

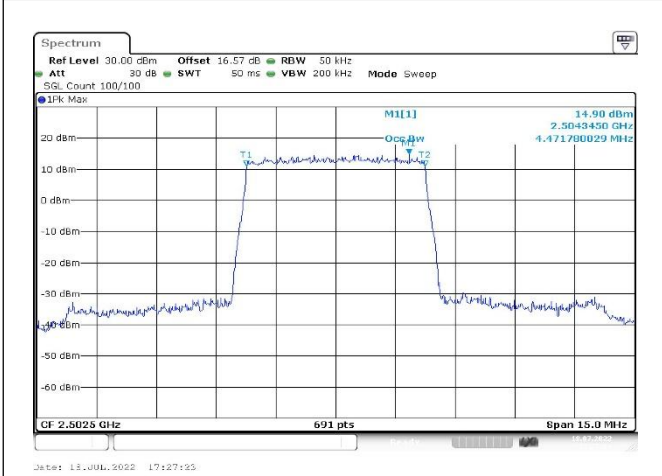


Fig.1

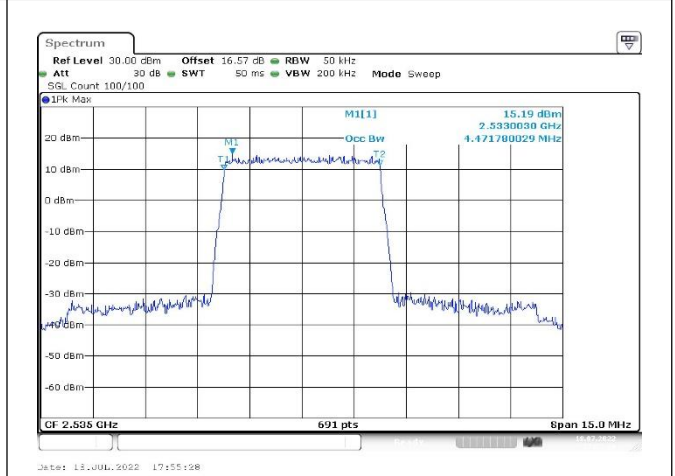


Fig.2

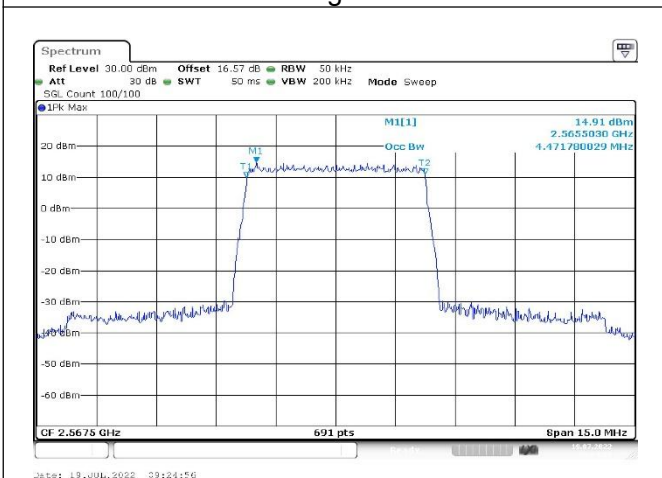


Fig.3

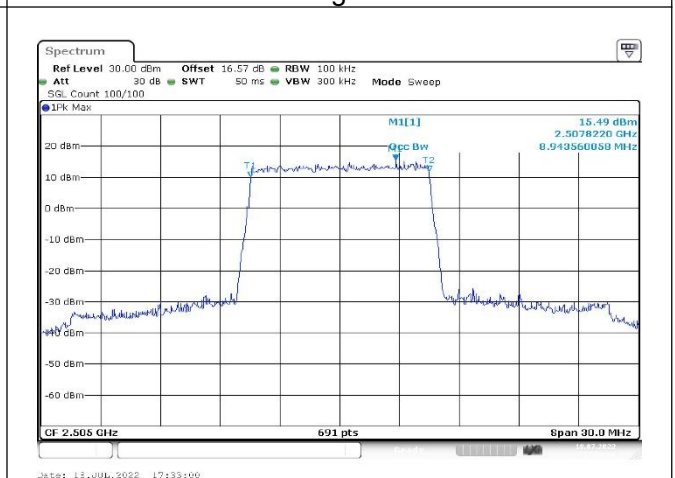


Fig.4

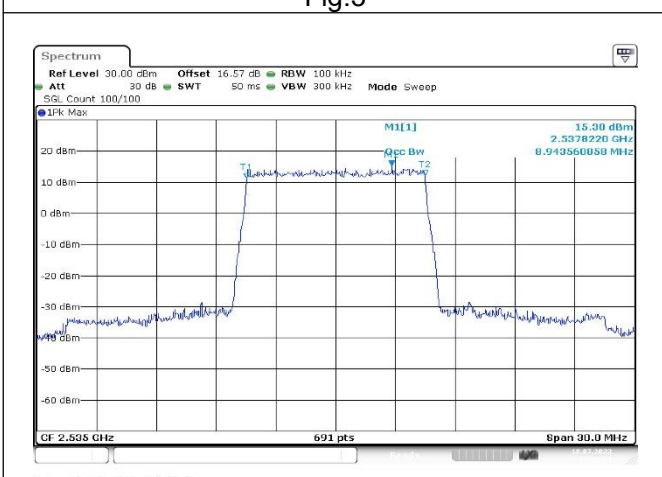


Fig.5

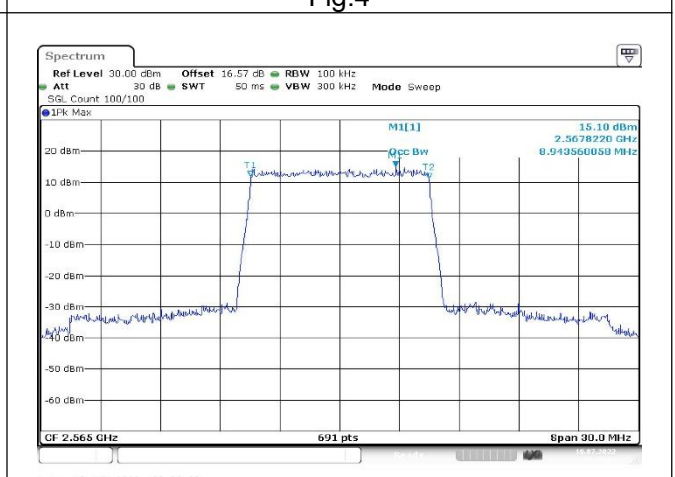


Fig.6

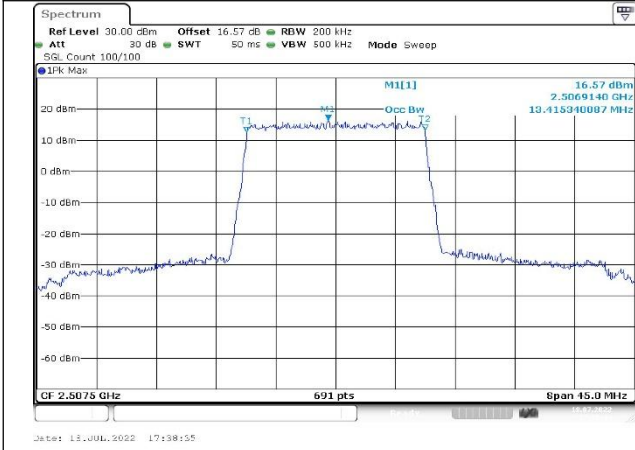


Fig.7

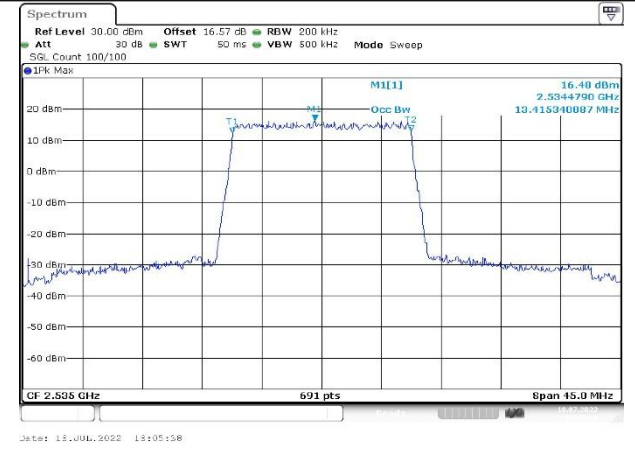


Fig.8

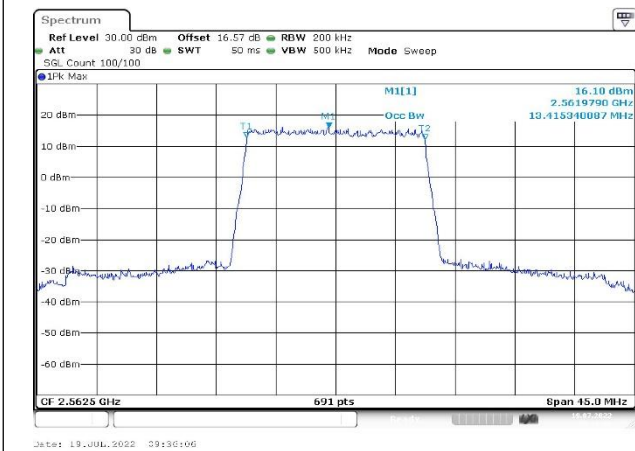


Fig.9

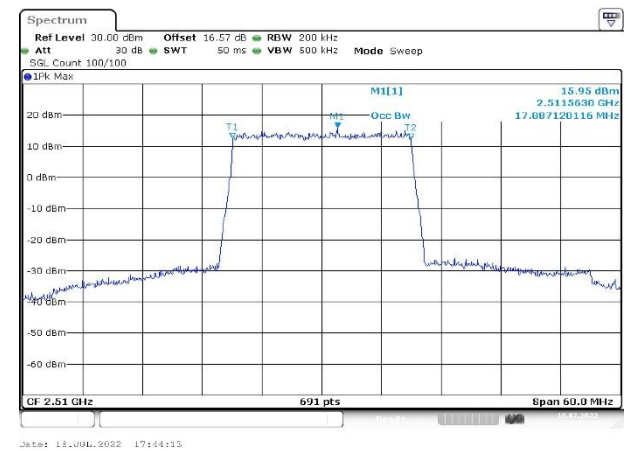


Fig.10

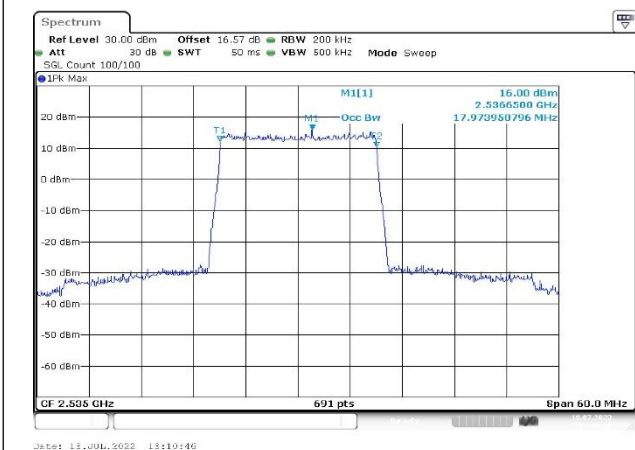


Fig.11

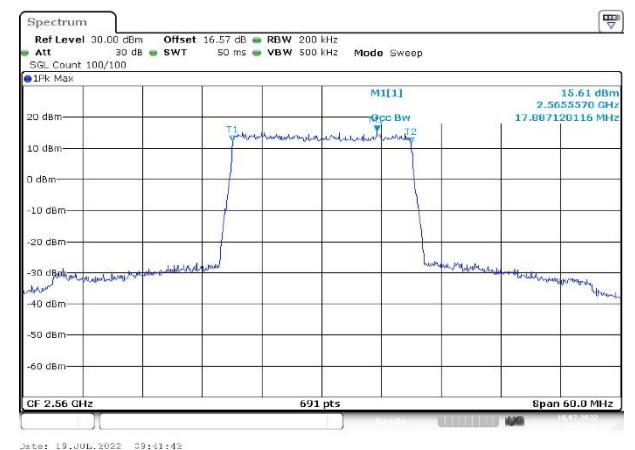


Fig.12

Test Mode: 16QAM

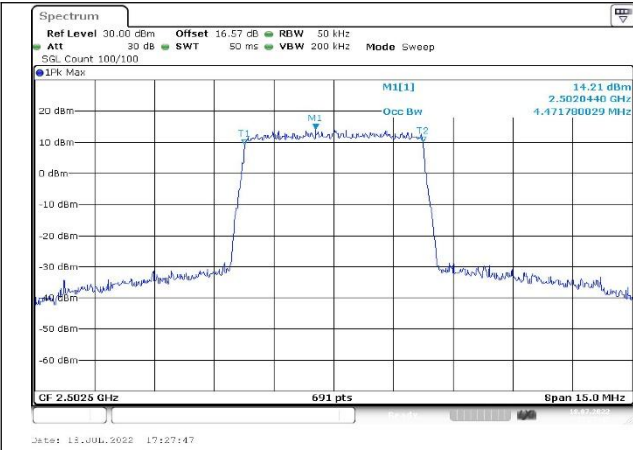


Fig.13

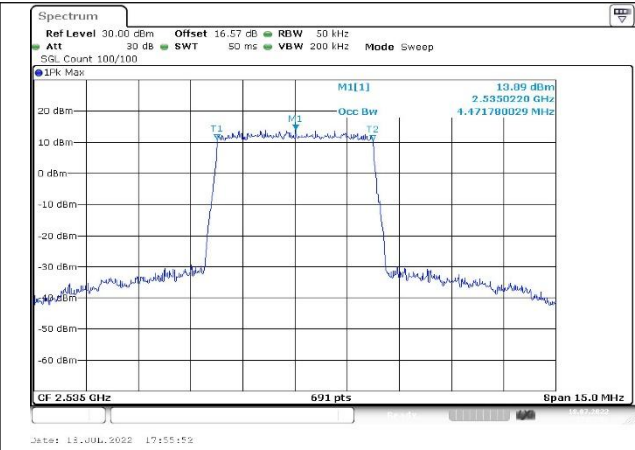


Fig.14

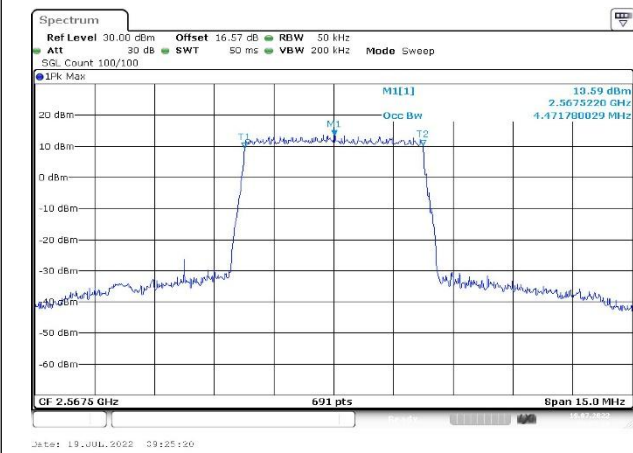


Fig.15

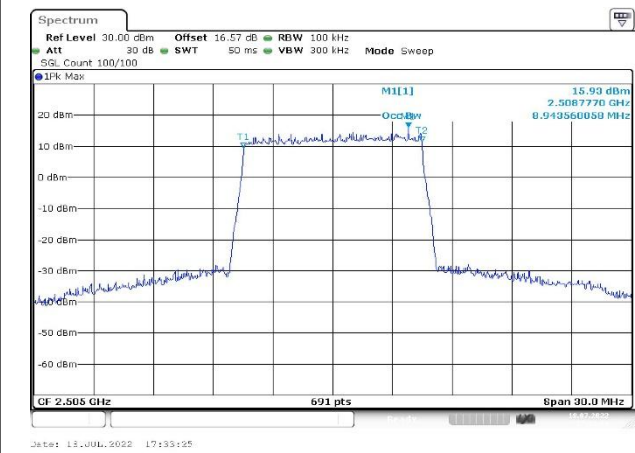


Fig.16

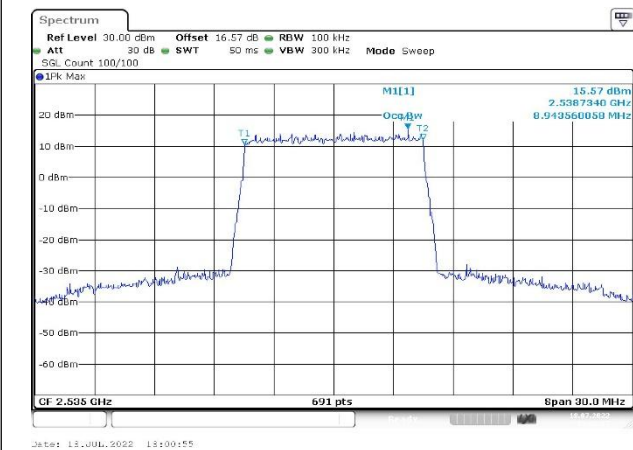


Fig.17

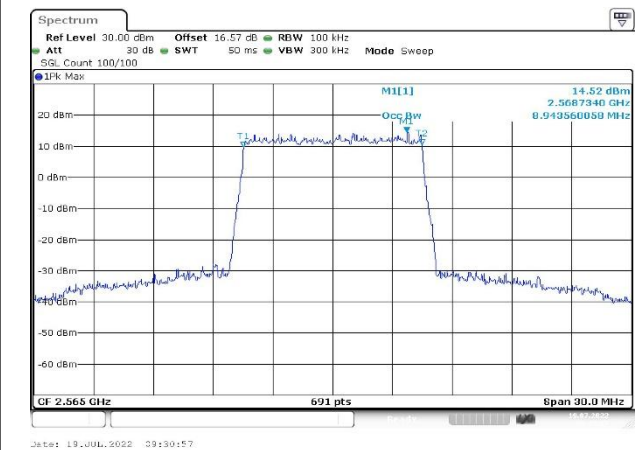
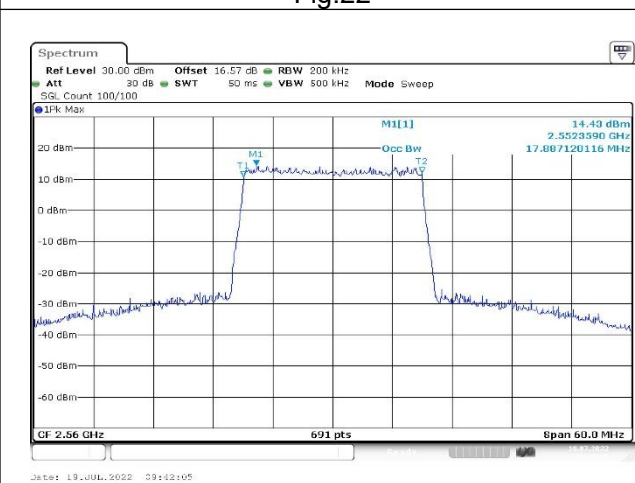
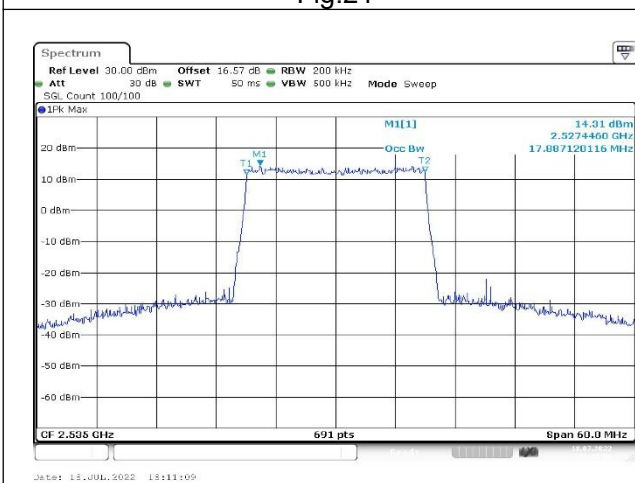
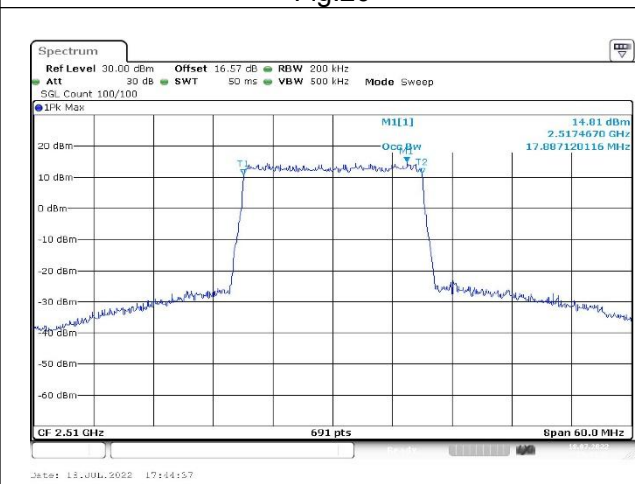
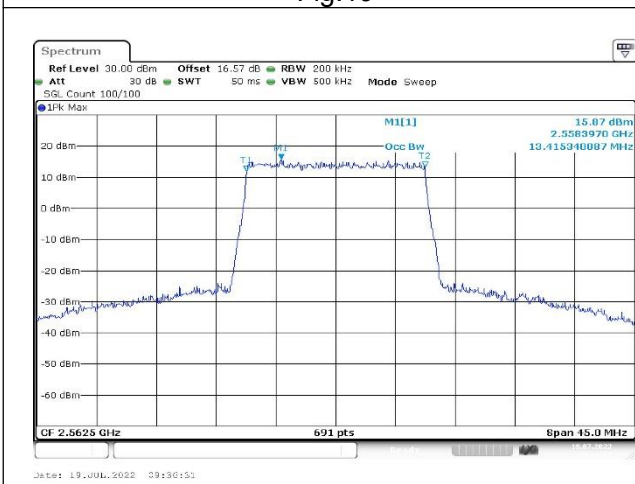
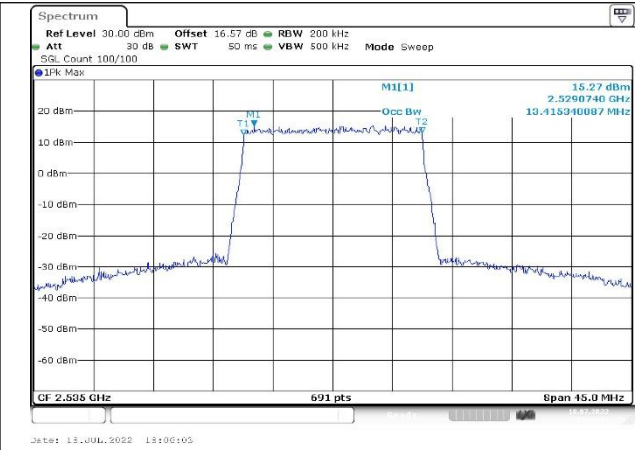
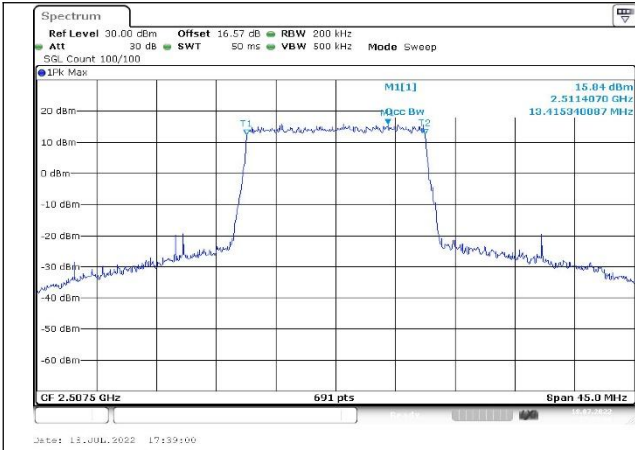


Fig.18



Test Mode: 64QAM

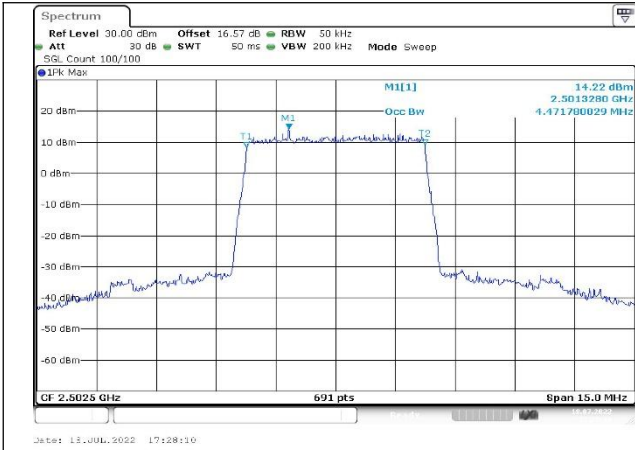


Fig.25

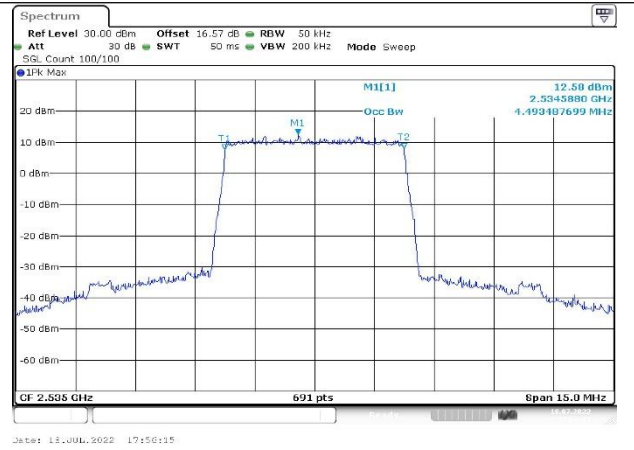


Fig.26

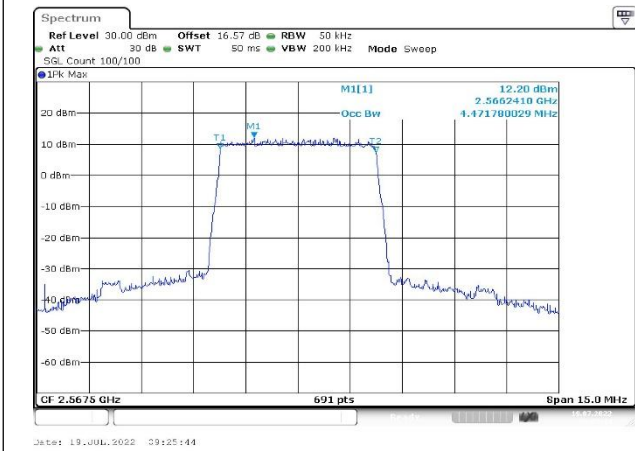


Fig.27

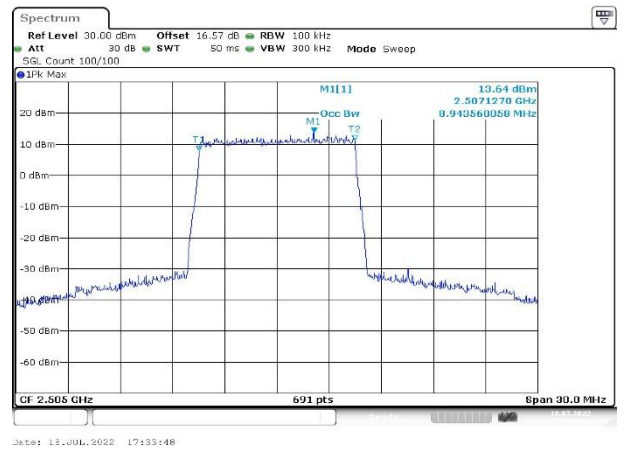


Fig.28

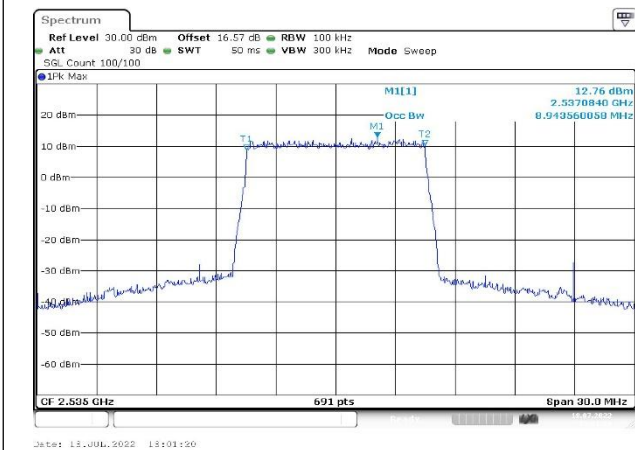


Fig.29

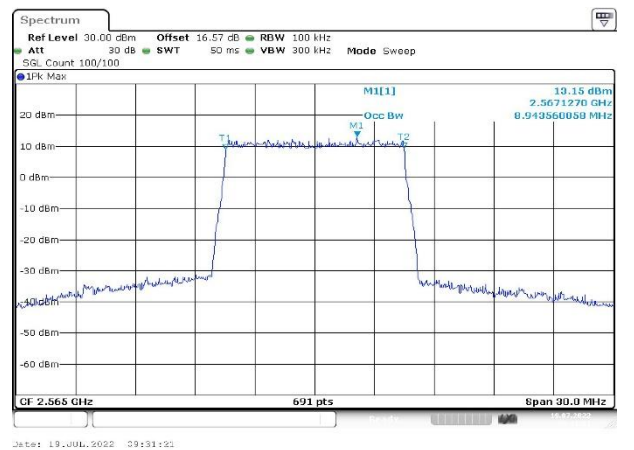


Fig.30

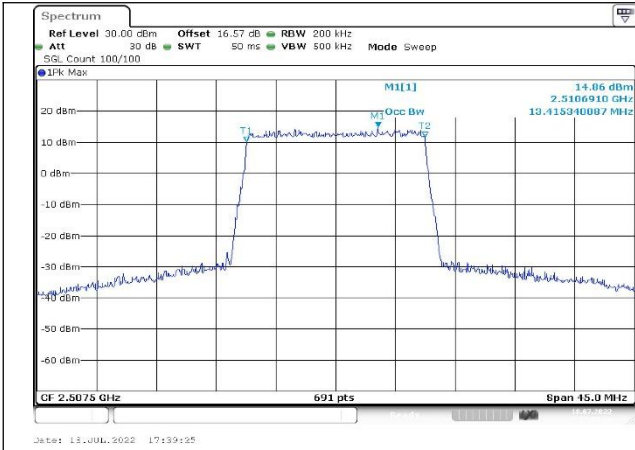


Fig.31

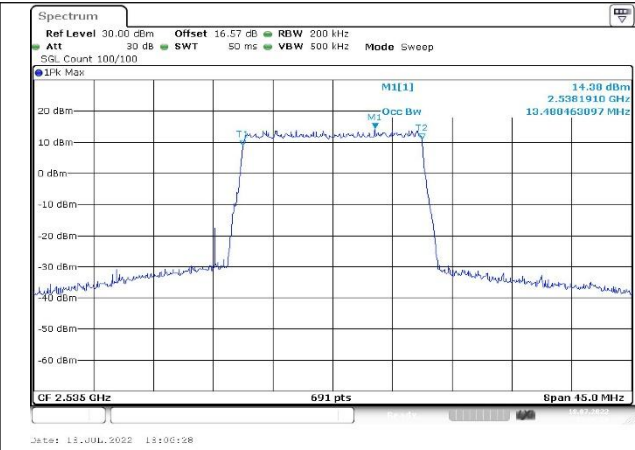


Fig.32

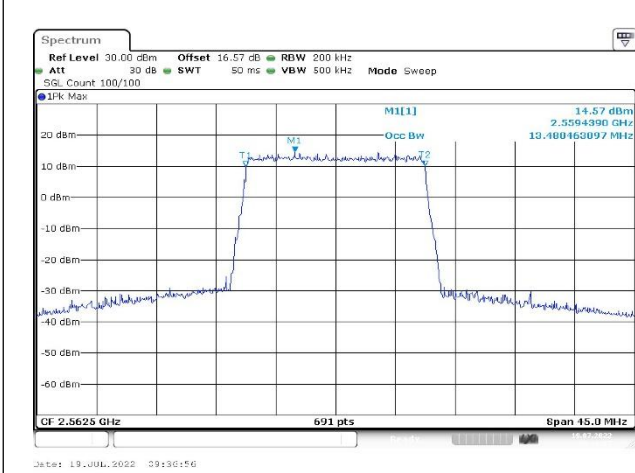


Fig.33

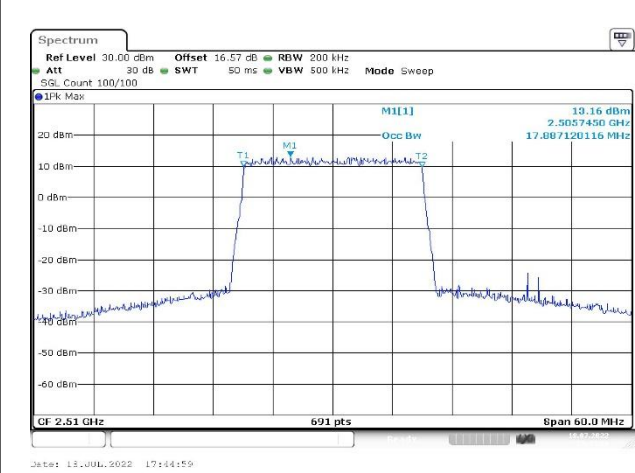


Fig.34

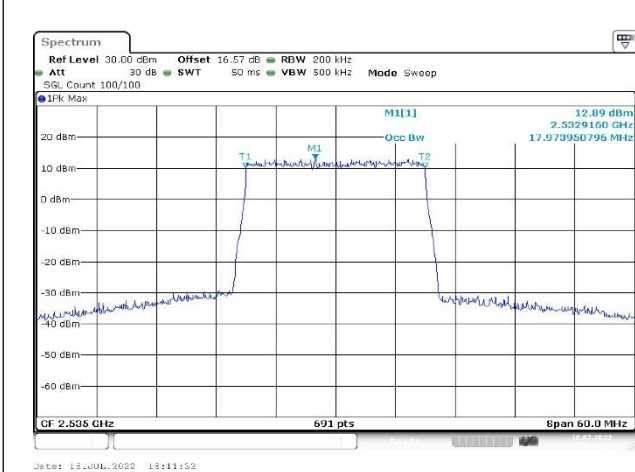


Fig.35

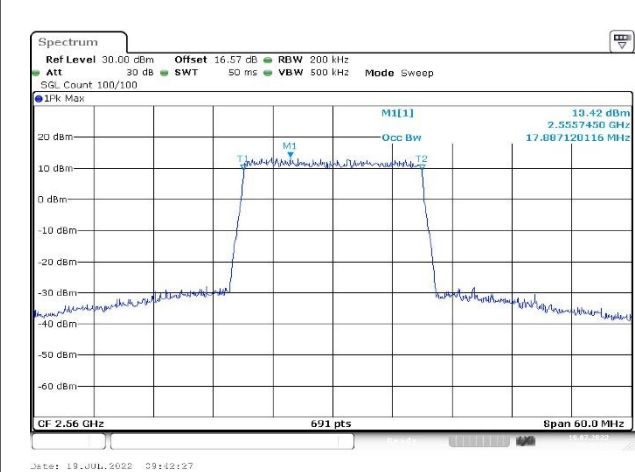


Fig.36

3 Emission Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
7	QPSK	2502.5	20775	5	25	0	4.906	Fig.1
7	QPSK	2535	21100	5	25	0	4.928	Fig.2
7	QPSK	2567.5	21425	5	25	0	4.928	Fig.3
7	QPSK	2505	20800	10	50	0	9.768	Fig.4
7	QPSK	2535	21100	10	50	0	9.812	Fig.5
7	QPSK	2565	21400	10	50	0	9.768	Fig.6
7	QPSK	2507.5	20825	15	75	0	14.718	Fig.7
7	QPSK	2535	21100	15	75	0	14.783	Fig.8
7	QPSK	2562.5	21375	15	75	0	14.848	Fig.9
7	QPSK	2510	20850	20	100	0	19.363	Fig.10
7	QPSK	2535	21100	20	100	0	19.450	Fig.11
7	QPSK	2560	21350	20	100	0	19.450	Fig.12

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
7	16QAM	2502.5	20775	5	25	0	4.884	Fig.13
7	16QAM	2535	21100	5	25	0	4.906	Fig.14
7	16QAM	2567.5	21425	5	25	0	4.906	Fig.15
7	16QAM	2505	20800	10	50	0	9.682	Fig.16
7	16QAM	2535	21100	10	50	0	9.682	Fig.17
7	16QAM	2565	21400	10	50	0	9.725	Fig.18
7	16QAM	2507.5	20825	15	75	0	14.783	Fig.19
7	16QAM	2535	21100	15	75	0	14.848	Fig.20
7	16QAM	2562.5	21375	15	75	0	14.783	Fig.21
7	16QAM	2510	20850	20	100	0	19.450	Fig.22
7	16QAM	2535	21100	20	100	0	19.537	Fig.23
7	16QAM	2560	21350	20	100	0	19.537	Fig.24

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
7	64QAM	2502.5	20775	5	25	0	4.884	Fig.25
7	64QAM	2535	21100	5	25	0	4.906	Fig.26
7	64QAM	2567.5	21425	5	25	0	4.928	Fig.27
7	64QAM	2505	20800	10	50	0	9.768	Fig.28
7	64QAM	2535	21100	10	50	0	9.812	Fig.29
7	64QAM	2565	21400	10	50	0	9.768	Fig.30
7	64QAM	2507.5	20825	15	75	0	14.783	Fig.31
7	64QAM	2535	21100	15	75	0	14.783	Fig.32
7	64QAM	2562.5	21375	15	75	0	14.783	Fig.33
7	64QAM	2510	20850	20	100	0	19.537	Fig.34
7	64QAM	2535	21100	20	100	0	19.624	Fig.35
7	64QAM	2560	21350	20	100	0	19.537	Fig.36

Test Mode: QPSK

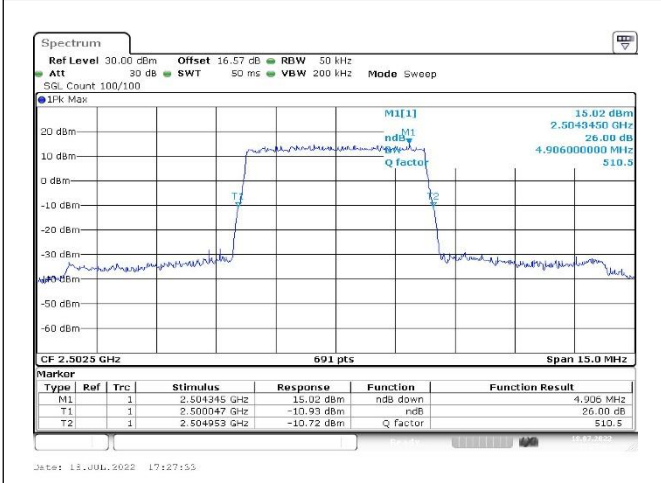


Fig.1

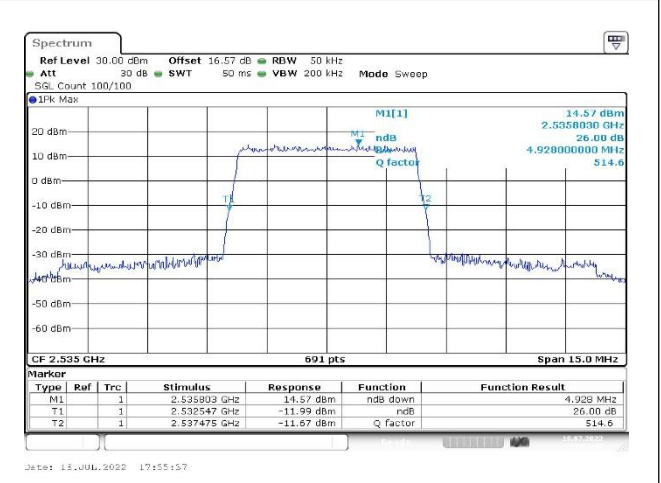


Fig.2

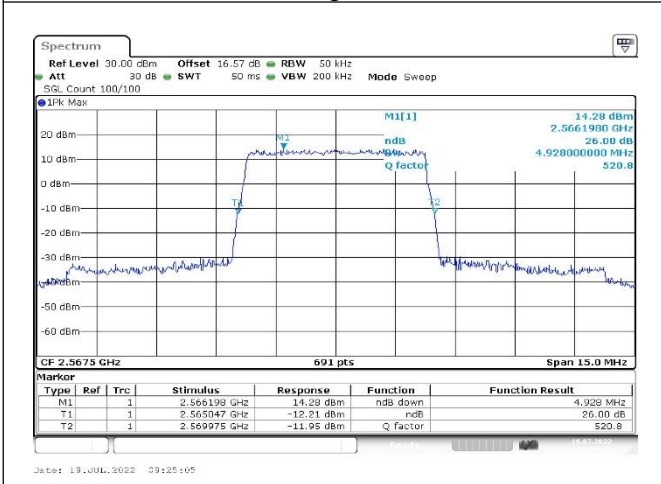


Fig.3

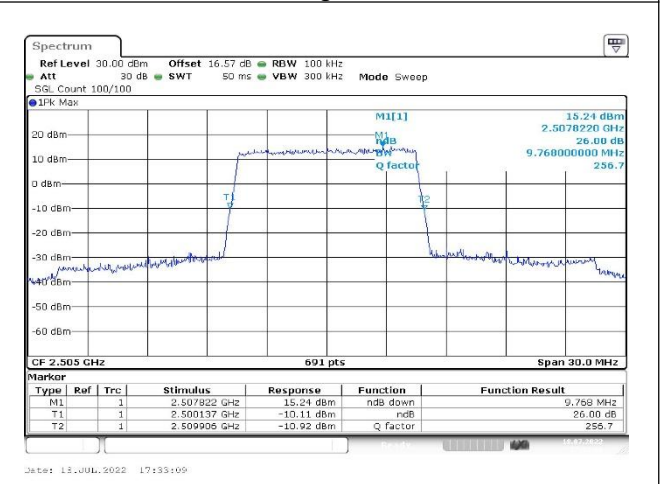


Fig.4

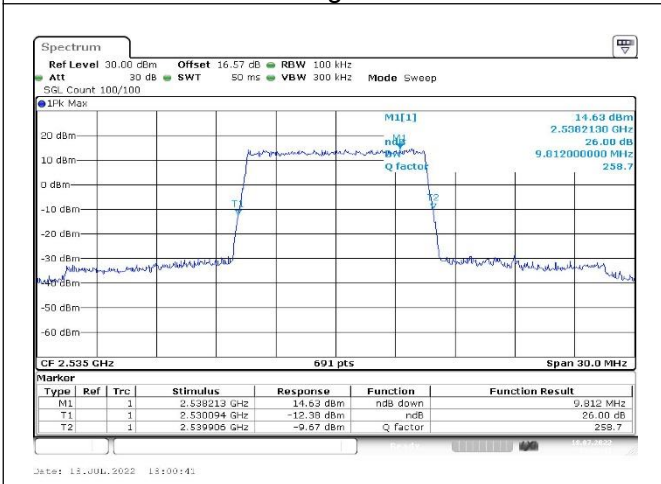


Fig.5

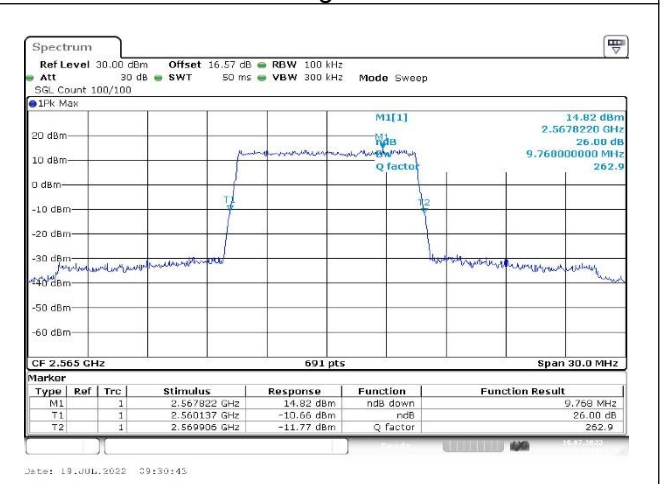


Fig.6

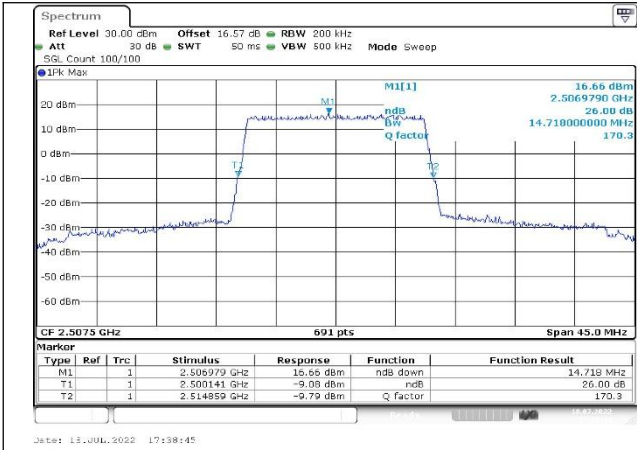


Fig.7

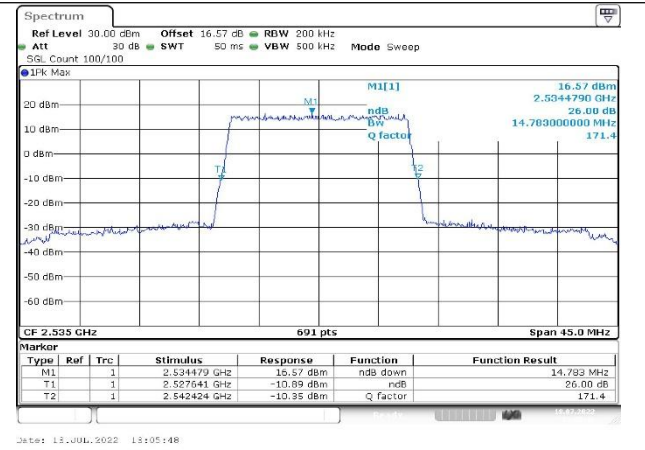


Fig.8

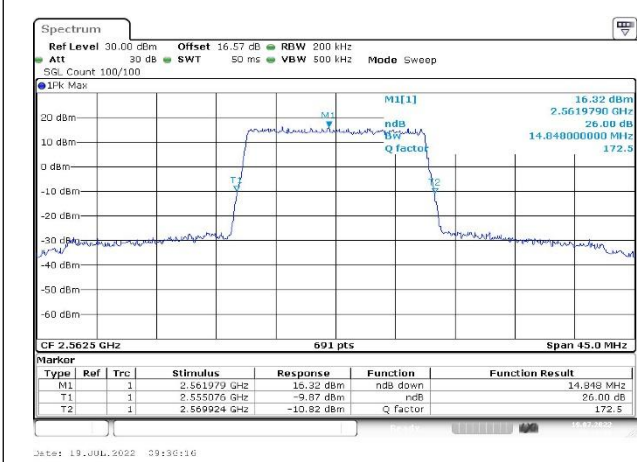


Fig.9

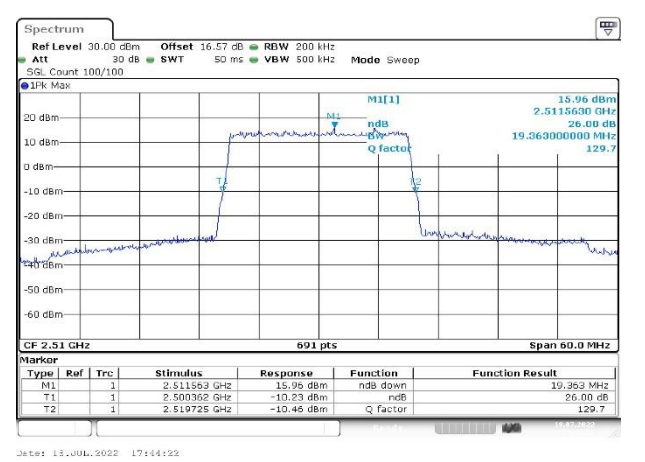


Fig.10

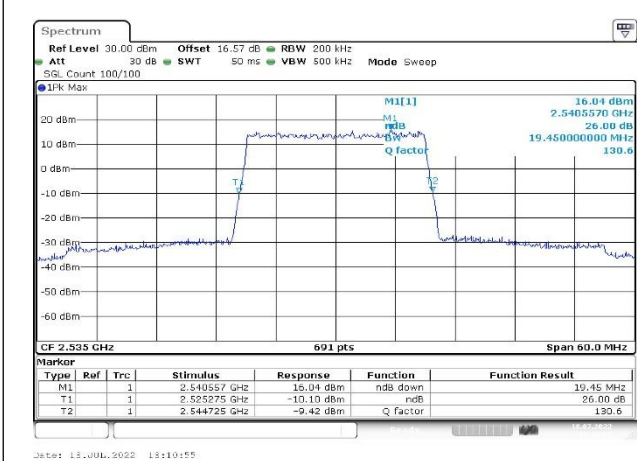


Fig.11

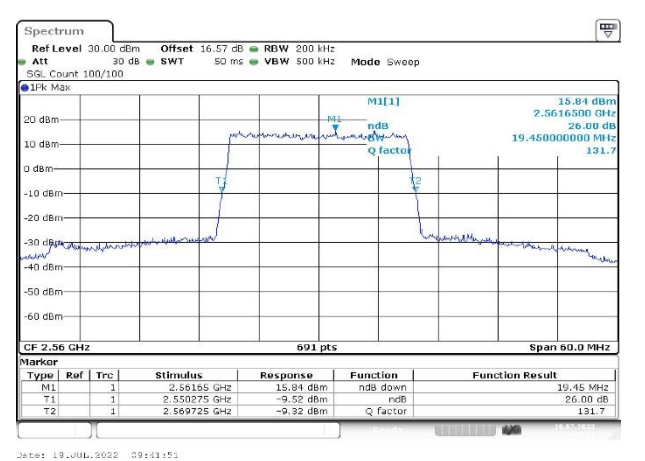


Fig.12

Test Mode: 16QAM

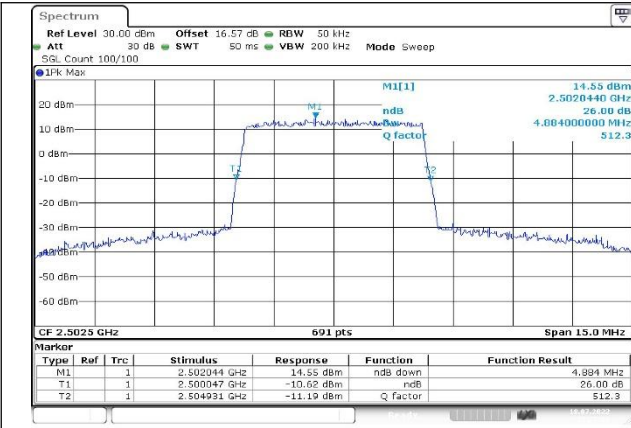


Fig.13

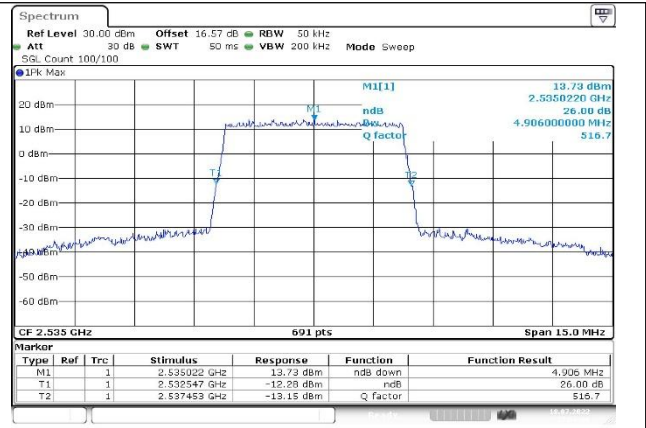


Fig.14

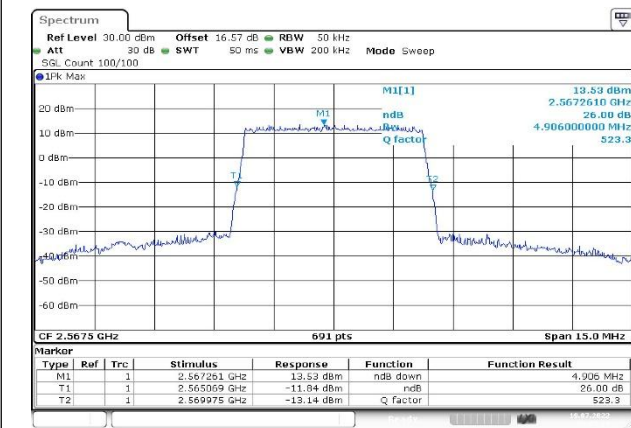


Fig.15

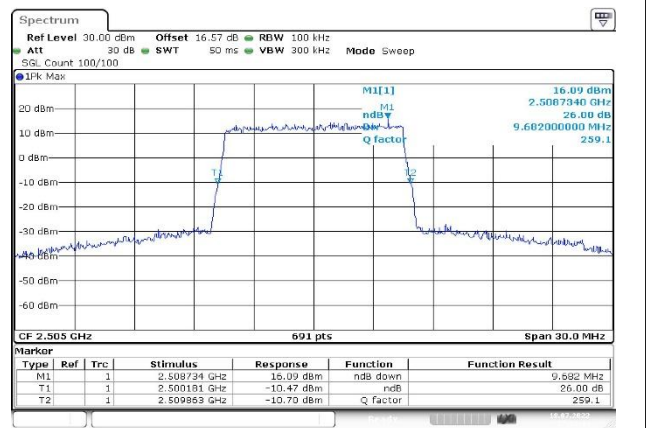


Fig.16

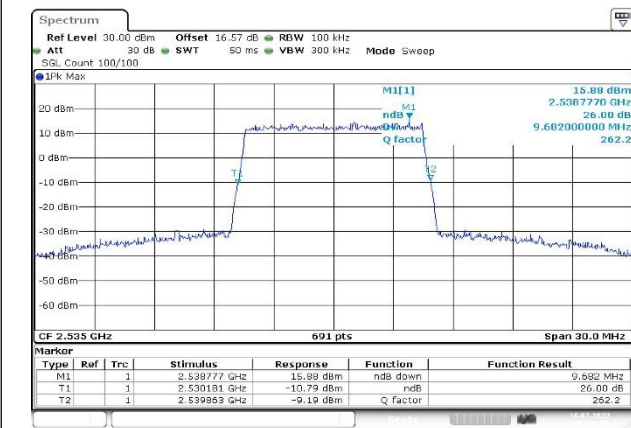


Fig.17



Fig.18

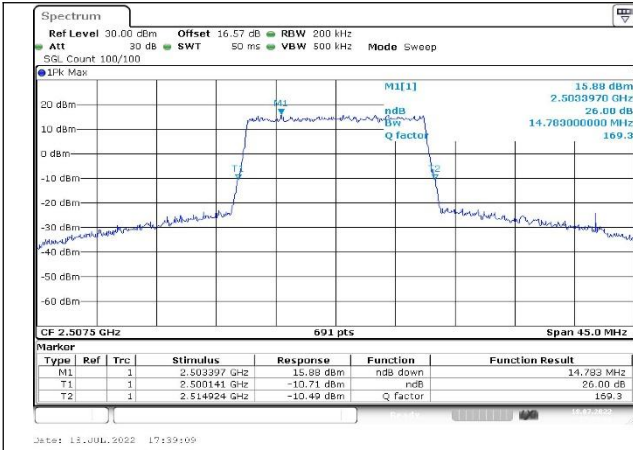


Fig.19

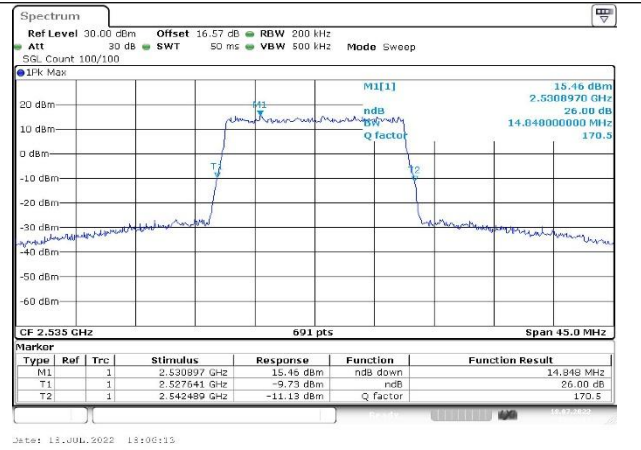


Fig.20

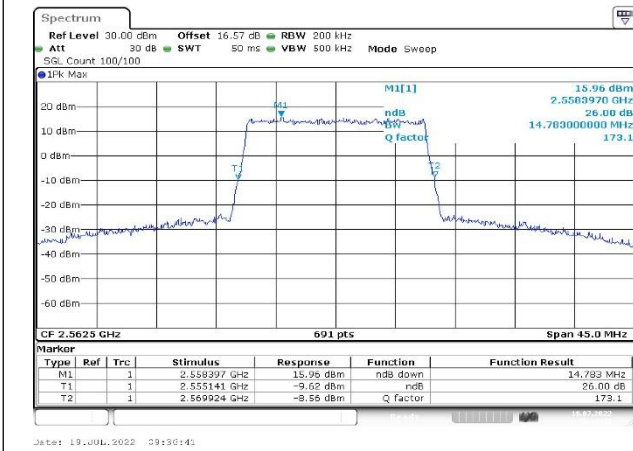


Fig.21

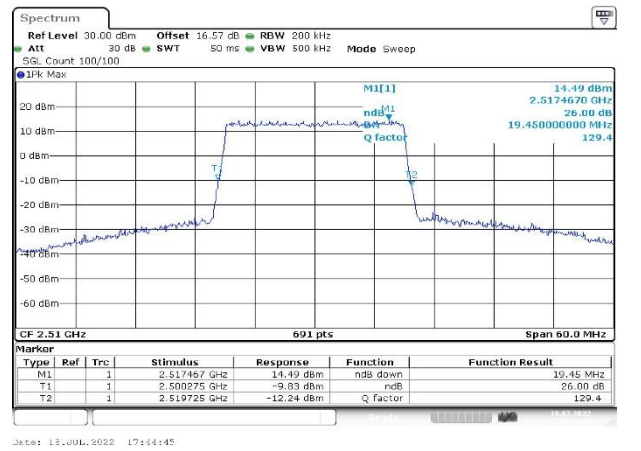


Fig.22

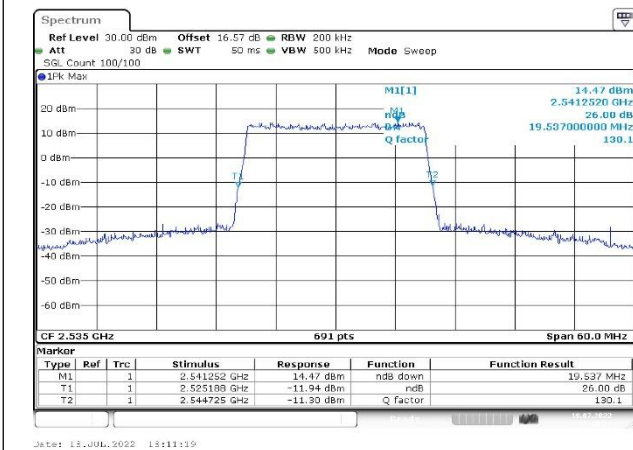


Fig.23

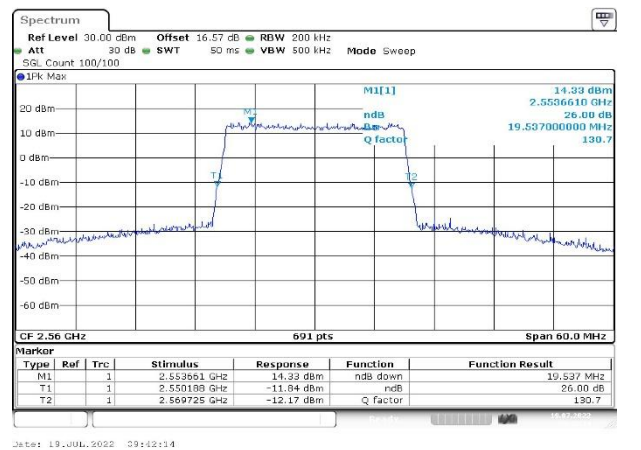


Fig.24

Test Mode: 64QAM

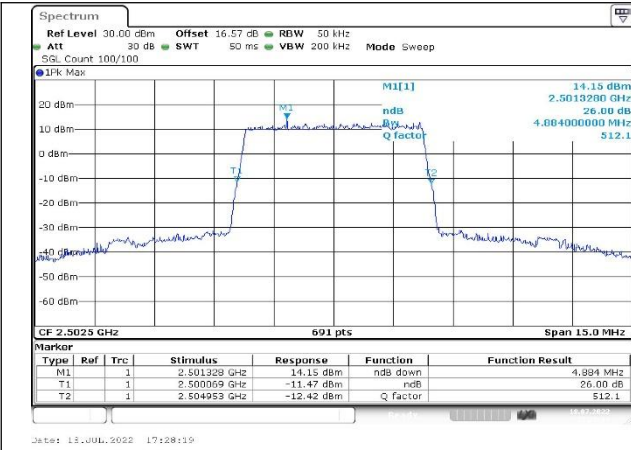


Fig.25

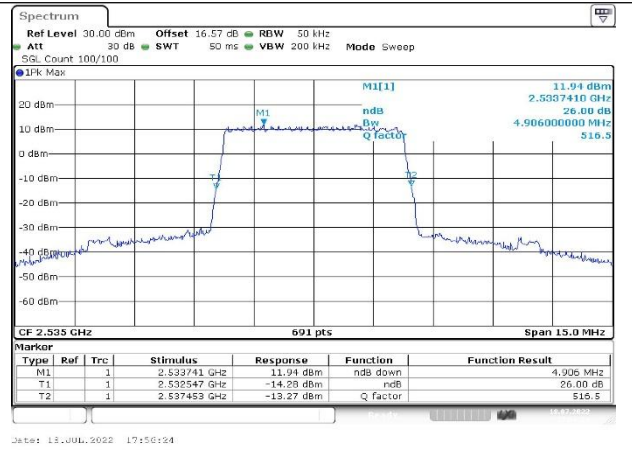


Fig.26

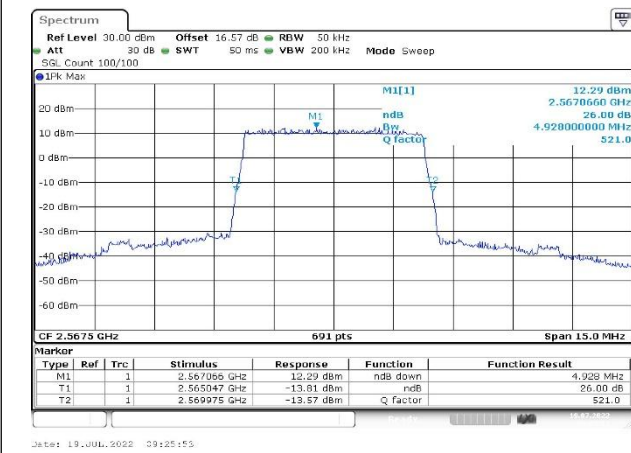


Fig.27

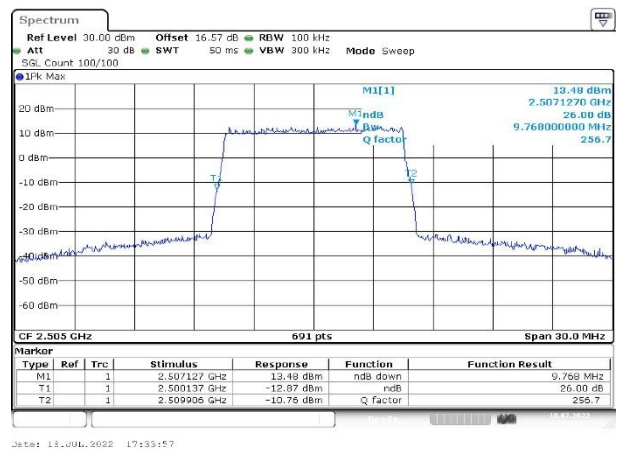


Fig.28

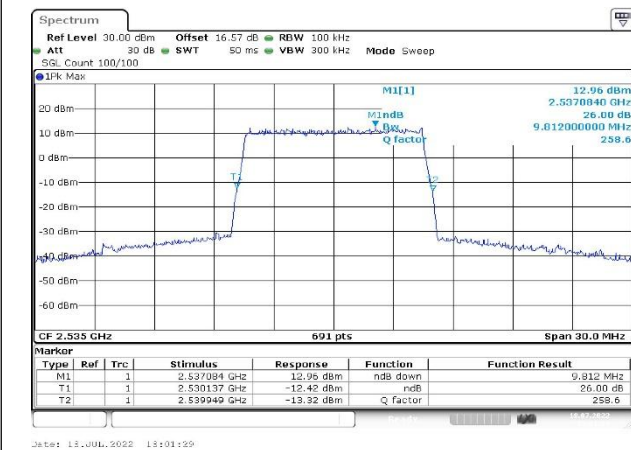


Fig.29

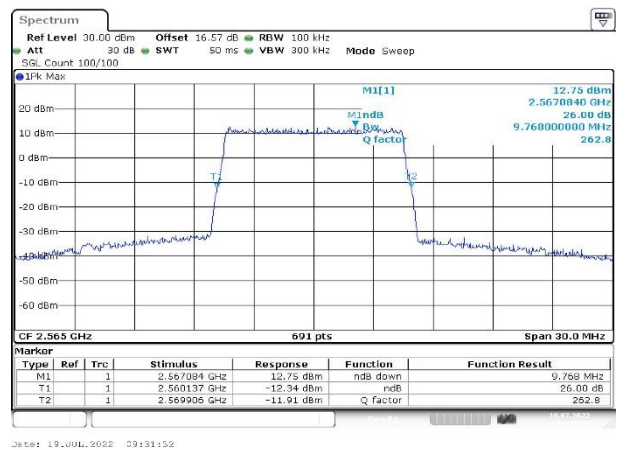


Fig.30

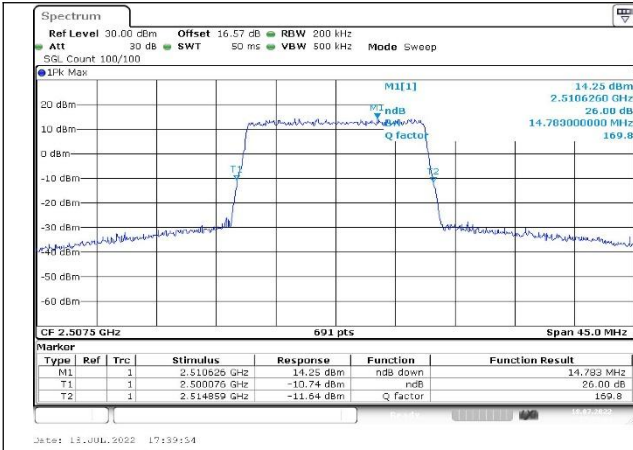


Fig.31

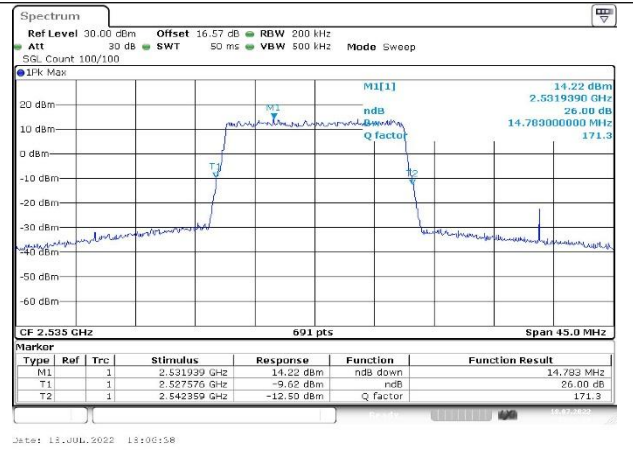


Fig.32

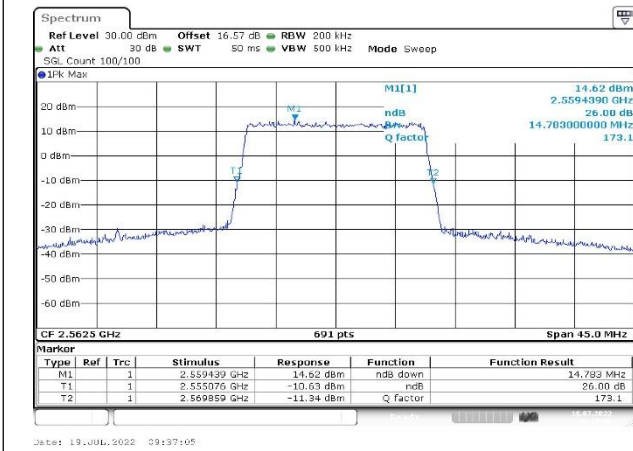


Fig.33

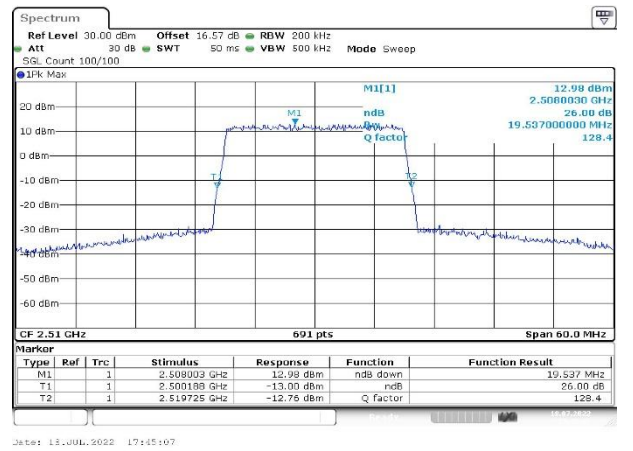


Fig.34

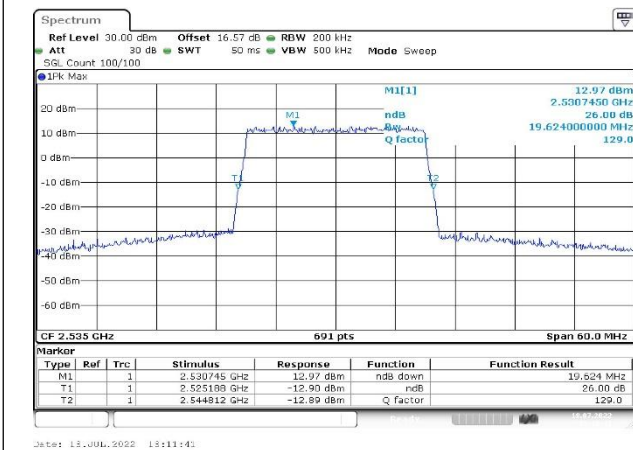


Fig.35

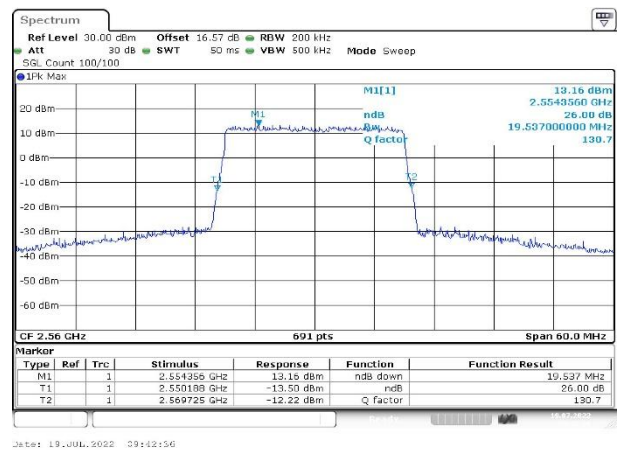


Fig.36

4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
7	2502.5	20775	5	1	24	Fig.1	Fig.2	Fig.3
7	2502.5	20775	5	25	0	Fig.4	Fig.5	Fig.6
7	2535	21100	5	1	24	Fig.7	Fig.8	Fig.9
7	2535	21100	5	25	0	Fig.10	Fig.11	Fig.12
7	2567.5	21425	5	1	24	Fig.13	Fig.14	Fig.15
7	2567.5	21425	5	25	0	Fig.16	Fig.17	Fig.18
7	2505	20800	10	1	49	Fig.19	Fig.20	Fig.21
7	2505	20800	10	50	0	Fig.22	Fig.23	Fig.24
7	2535	21100	10	1	49	Fig.25	Fig.26	Fig.27
7	2535	21100	10	50	0	Fig.28	Fig.29	Fig.30
7	2565	21400	10	1	49	Fig.31	Fig.32	Fig.33
7	2565	21400	10	50	0	Fig.34	Fig.35	Fig.36
7	2507.5	20825	15	1	74	Fig.37	Fig.38	Fig.39
7	2507.5	20825	15	75	0	Fig.40	Fig.41	Fig.42
7	2535	21100	15	1	74	Fig.43	Fig.44	Fig.45
7	2535	21100	15	75	0	Fig.46	Fig.47	Fig.48
7	2562.5	21375	15	1	74	Fig.49	Fig.50	Fig.51
7	2562.5	21375	15	75	0	Fig.52	Fig.53	Fig.54
7	2510	20850	20	1	99	Fig.55	Fig.56	Fig.57
7	2510	20850	20	100	0	Fig.58	Fig.59	Fig.60
7	2535	21100	20	1	99	Fig.61	Fig.62	Fig.63
7	2535	21100	20	100	0	Fig.64	Fig.65	Fig.66
7	2560	21350	20	1	99	Fig.67	Fig.68	Fig.69
7	2560	21350	20	100	0	Fig.70	Fig.71	Fig.72

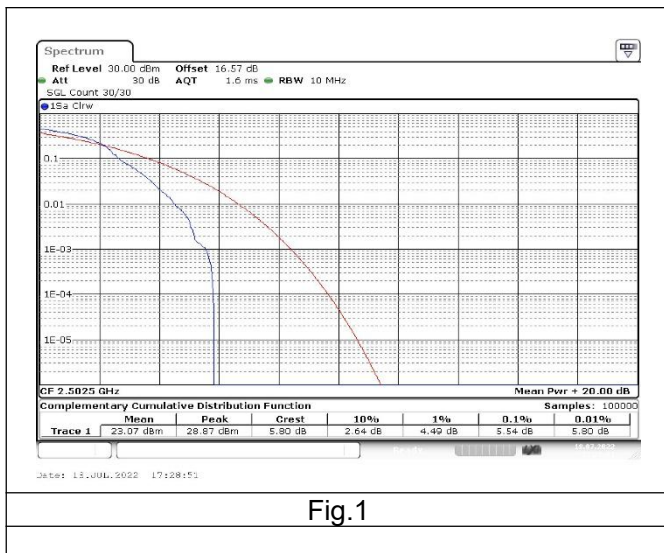


Fig.1

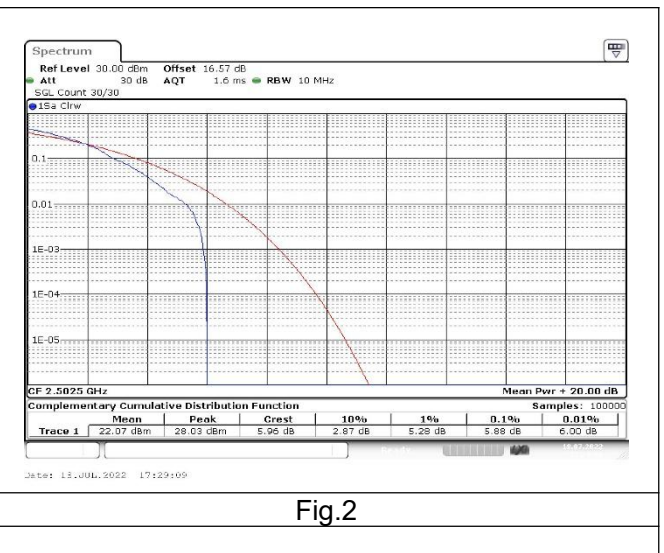


Fig.2

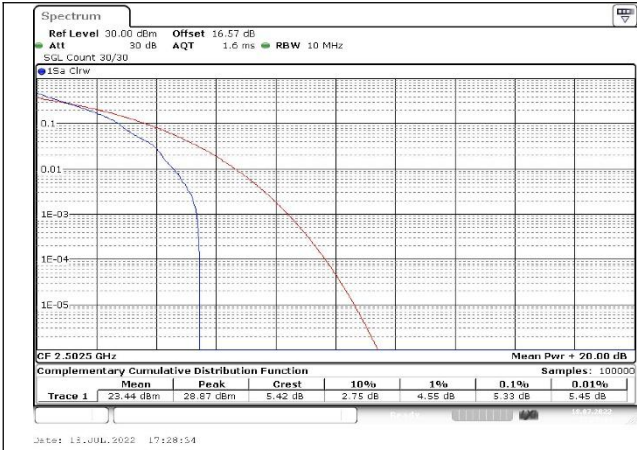


Fig.3

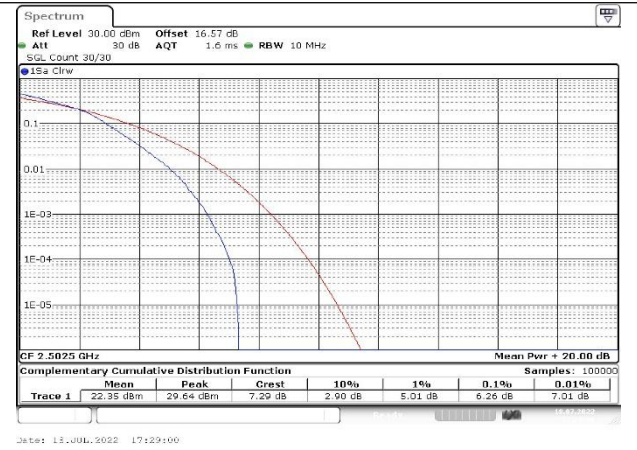


Fig.4

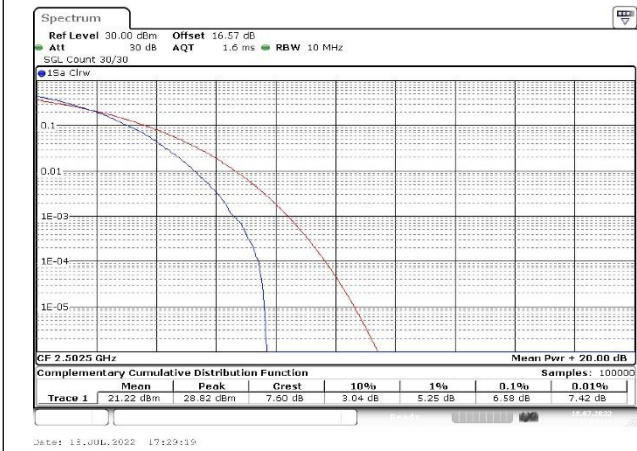


Fig.5

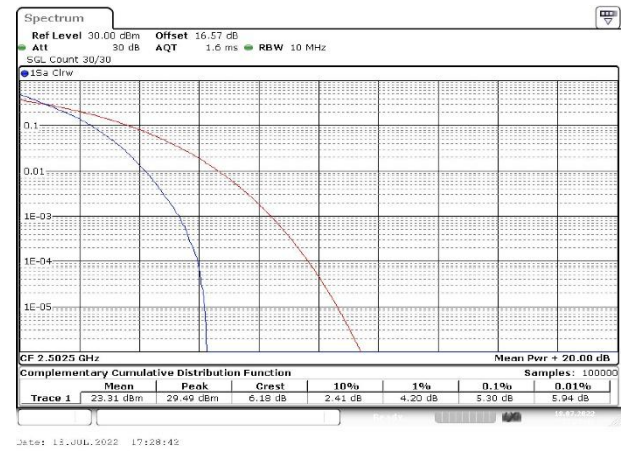


Fig.6

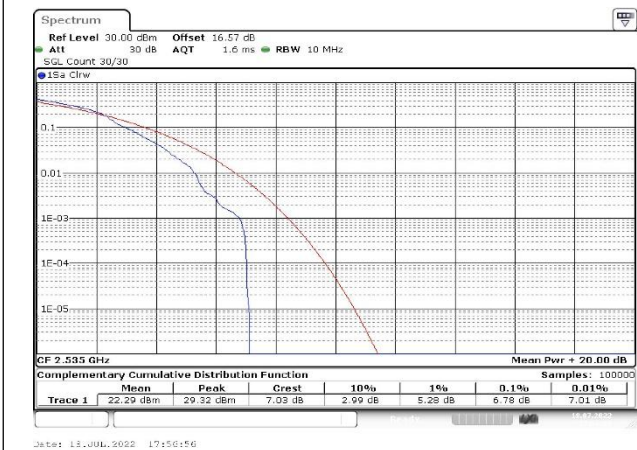


Fig.7



Fig.8

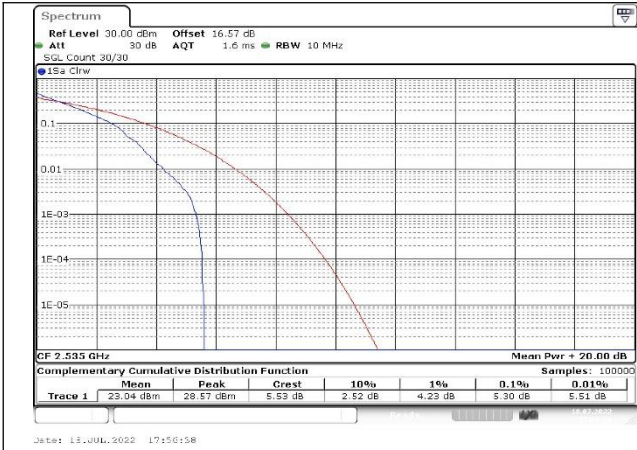


Fig.9

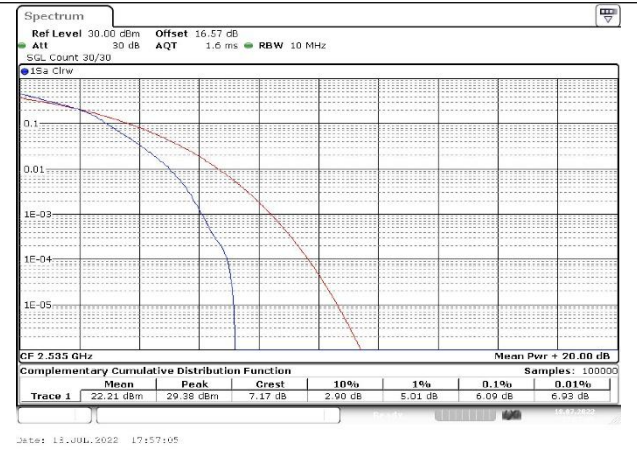


Fig.10

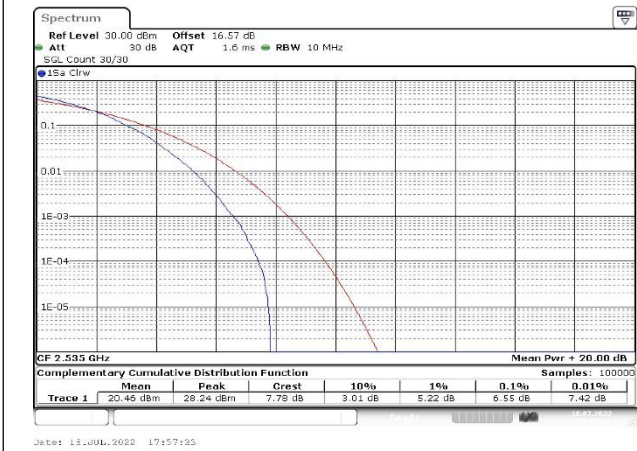


Fig.11

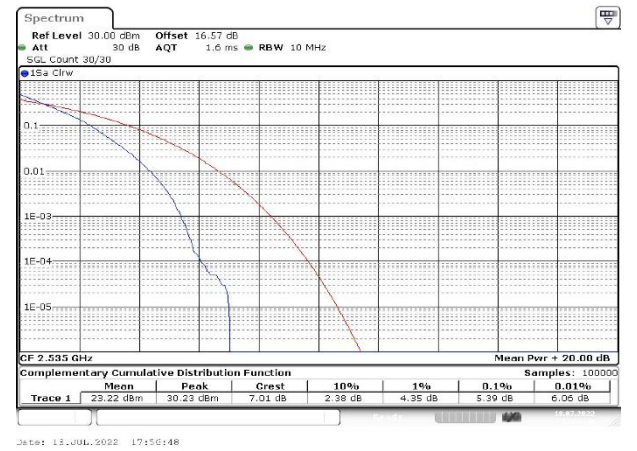


Fig.12

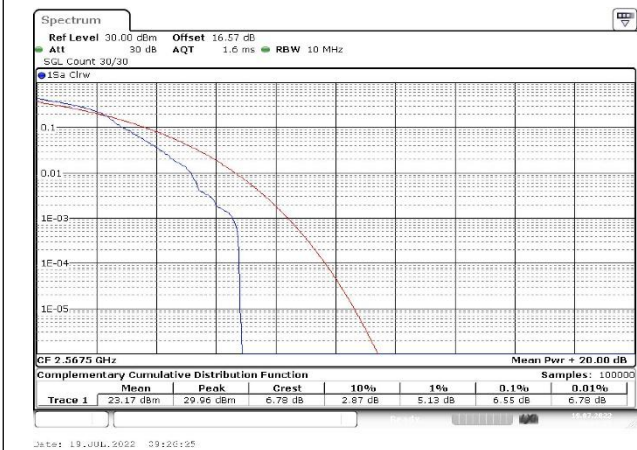


Fig.13

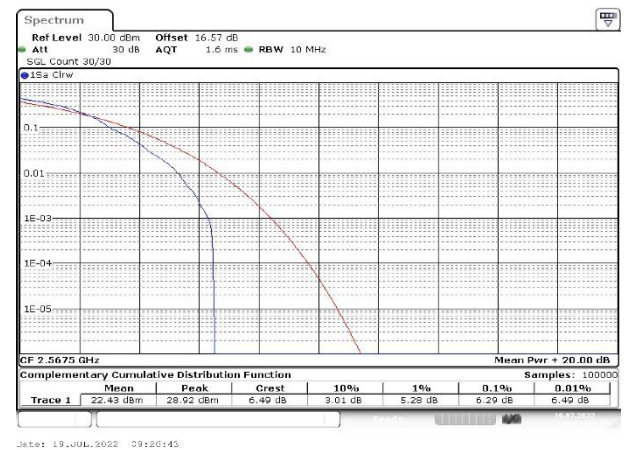


Fig.14